

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028435.D
 Acq On : 03 Dec 2018 12:49
 Operator : MD/SY
 Sample : VU1203WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

Quant Time: Dec 04 06:54:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	290780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	520551	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	480388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	237435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	235532	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	4.88	113	171898	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	7.57	98	685303	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	10.30	95	252644	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	70487	18.070	ug/l	99
3) Chloromethane	1.33	50	131736	17.423	ug/l	100
4) Vinyl Chloride	1.40	62	97917	18.510	ug/l	99
5) Bromomethane	1.63	94	39127	19.123	ug/l	97
6) Chloroethane	1.70	64	56667	18.616	ug/l	94
7) Trichlorofluoromethane	1.89	101	102274	18.612	ug/l	95
8) Diethyl Ether	2.11	74	48585	19.020	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	63619	19.875	ug/l	97
10) Methyl Iodide	2.41	142	42914	14.217	ug/l	97
11) Tert butyl alcohol	2.83	59	104121	94.310	ug/l	99
12) 1,1-Dichloroethene	2.29	96	65000	20.924	ug/l	86
13) Acrolein	2.20	56	76583	78.026	ug/l	96
14) Allyl chloride	2.59	41	144603	17.817	ug/l	98
15) Acrylonitrile	2.94	53	275784	94.435	ug/l	99
16) Acetone	2.32	43	250368	84.220	ug/l	100
17) Carbon Disulfide	2.48	76	209542	17.574	ug/l	100
18) Methyl Acetate	2.62	43	156084	18.858	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	247224	19.412	ug/l	98
20) Methylene Chloride	2.70	84	82713	19.681	ug/l	92
21) trans-1,2-Dichloroethene	2.98	96	71166	19.754	ug/l	93
22) Diisopropyl ether	3.57	45	295658	18.503	ug/l	94
23) Vinyl Acetate	3.53	43	1218379	91.732	ug/l	99
24) 1,1-Dichloroethane	3.45	63	151115	19.181	ug/l	99
25) 2-Butanone	4.26	43	389822	91.498	ug/l	98
26) 2,2-Dichloropropane	4.23	77	114236	18.258	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	81653	19.164	ug/l	94
28) Bromochloromethane	4.55	49	76359	19.384	ug/l	94
29) Tetrahydrofuran	4.64	42	264105	95.477	ug/l	98
30) Chloroform	4.67	83	137634	18.927	ug/l	98
31) Cyclohexane	4.99	56	151570	18.499	ug/l	# 95
32) 1,1,1-Trichloroethane	4.92	97	110650	18.963	ug/l	99
36) 1,1-Dichloropropene	5.14	75	103447	18.160	ug/l	99
37) Ethyl Acetate	4.39	43	147188	18.961	ug/l	97
38) Carbon Tetrachloride	5.13	117	86783	18.553	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028435.D
 Acq On : 03 Dec 2018 12:49
 Operator : MD/SY
 Sample : VU1203WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

Quant Time: Dec 04 06:54:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	124843	18.589	ug/l	96
40) Benzene	5.39	78	322312	19.104	ug/l	99
41) Methacrylonitrile	4.55	41	82099	19.044	ug/l	97
42) 1,2-Dichloroethane	5.40	62	112388	18.492	ug/l	98
43) Isopropyl Acetate	5.55	43	227276	18.476	ug/l	98
44) Trichloroethene	6.19	130	71373	19.736	ug/l	98
45) 1,2-Dichloropropane	6.43	63	92068	18.635	ug/l	99
46) Dibromomethane	6.56	93	53765	18.946	ug/l	96
47) Bromodichloromethane	6.76	83	104800	18.566	ug/l	98
48) Methyl methacrylate	6.62	41	115435	18.015	ug/l	98
49) 1,4-Dioxane	6.61	88	37370	365.064	ug/l	92
51) 4-Methyl-2-Pentanone	7.46	43	727313	92.573	ug/l	99
52) Toluene	7.64	92	188987	19.453	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	122778	18.190	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	134069	18.541	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	74227	18.358	ug/l	96
56) Ethyl methacrylate	8.02	69	129355	18.805	ug/l	97
57) 1,3-Dichloropropane	8.24	76	139811	18.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	343014	92.881	ug/l	99
59) 2-Hexanone	8.36	43	556196	91.393	ug/l	98
60) Dibromochloromethane	8.48	129	70944	18.449	ug/l	96
61) 1,2-Dibromoethane	8.58	107	80915	19.539	ug/l	98
64) Tetrachloroethene	8.23	164	59770	18.915	ug/l	99
65) Chlorobenzene	9.12	112	193200	19.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	64661	18.912	ug/l	97
67) Ethyl Benzene	9.25	91	357903	19.051	ug/l	99
68) m/p-Xylenes	9.37	106	263857	39.020	ug/l	96
69) o-Xylene	9.78	106	129177	19.217	ug/l	98
70) Styrene	9.79	104	207172	19.109	ug/l	100
71) Bromoform	9.95	173	54262	18.881	ug/l #	99
73) Isopropylbenzene	10.17	105	338172	18.313	ug/l	99
74) N-amyl acetate	10.01	43	194832	16.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	134945	17.770	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	159567	24.235	ug/l	79
77) Bromobenzene	10.45	156	78566	18.056	ug/l	99
78) n-propylbenzene	10.58	91	421618	18.508	ug/l	99
79) 2-Chlorotoluene	10.66	91	242070	18.025	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	283977	18.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	159558	64.327	ug/l #	100
82) 4-Chlorotoluene	10.77	91	279836	18.086	ug/l	100
83) tert-Butylbenzene	11.10	119	266152	18.347	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	286076	18.150	ug/l	97
85) sec-Butylbenzene	11.32	105	345707	18.348	ug/l	99
86) p-Isopropyltoluene	11.48	119	288228	18.604	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	143815	18.121	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	146567	18.350	ug/l	98
89) n-Butylbenzene	11.89	91	283088	18.514	ug/l	98
90) Hexachloroethane	12.14	117	41823	17.291	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	143929	18.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	30686	18.167	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120318\
Data File : VU028435.D
Acq On : 03 Dec 2018 12:49
Operator : MD/SY
Sample : VU1203WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Quant Time: Dec 04 06:54:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

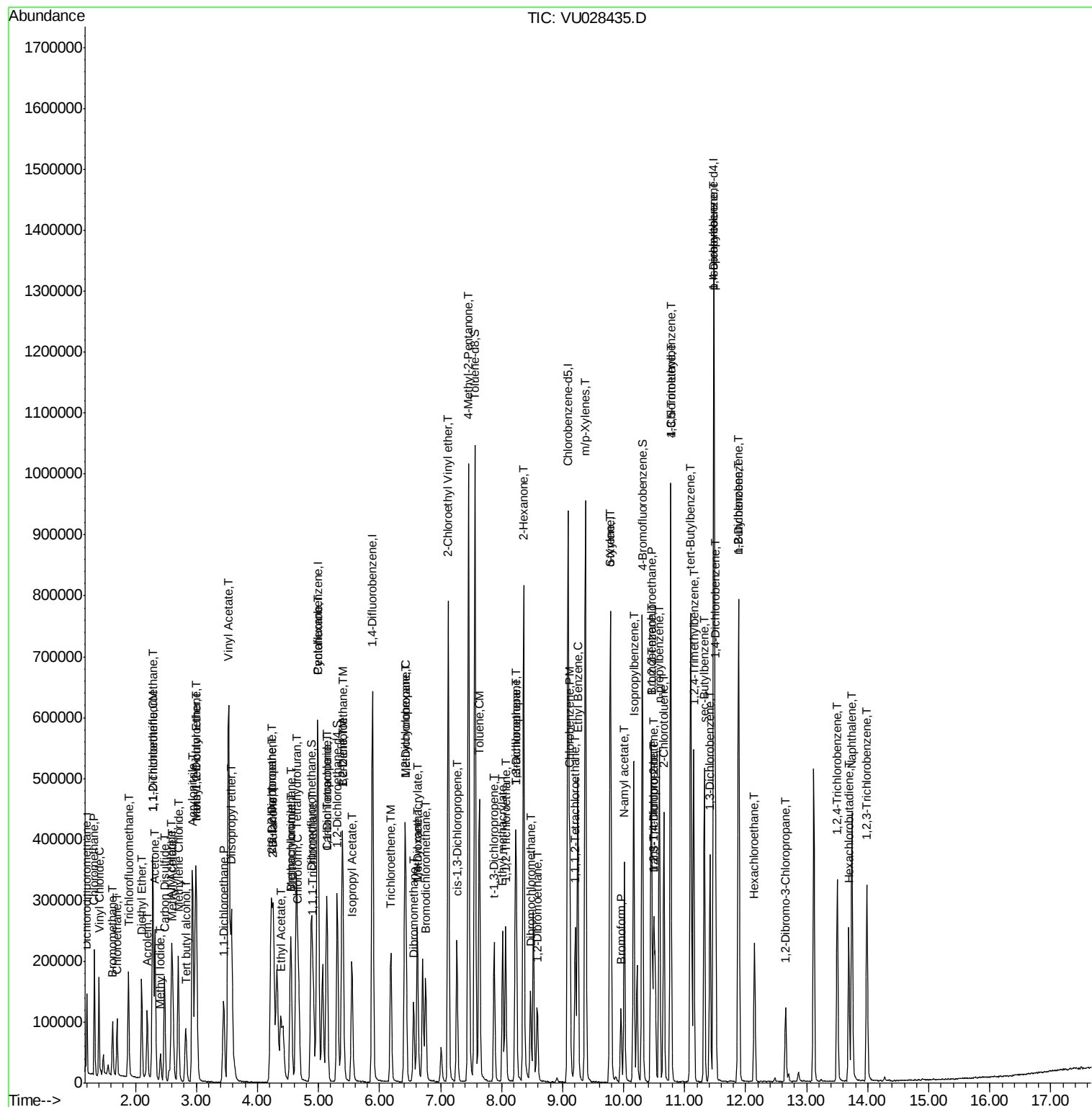
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	97466	18.805	ug/l	100
94) Hexachlorobutadiene	13.69	225	44418	18.149	ug/l	98
95) Naphthalene	13.74	128	349152	19.317	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	100653	19.202	ug/l	98

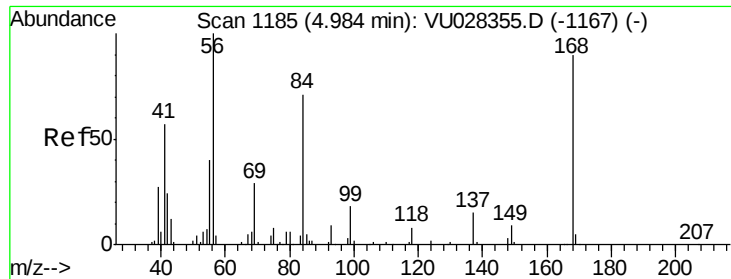
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120318\
Data File : VU028435.D
Acq On : 03 Dec 2018 12:49
Operator : MD/SY
Sample : VU1203WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Quant Time: Dec 04 06:54:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

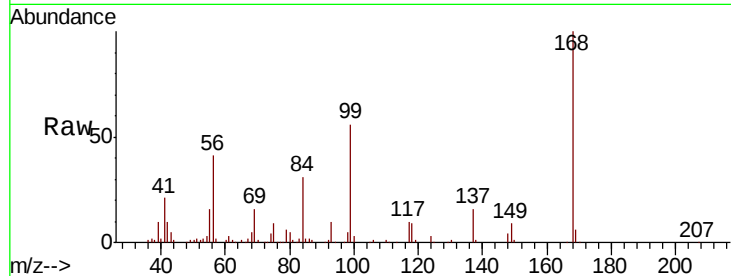
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion:168 Resp: 290780

Ion Ratio Lower Upper

168 100

99 55.8 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.99

150000

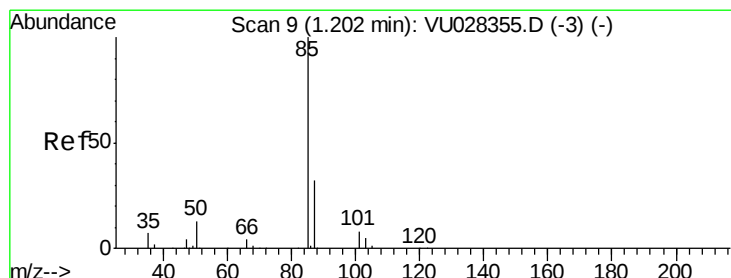
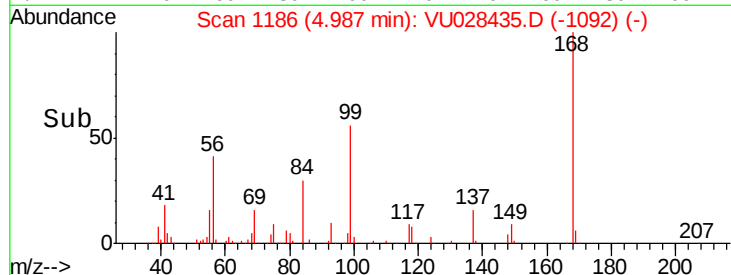
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.070 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028435.D

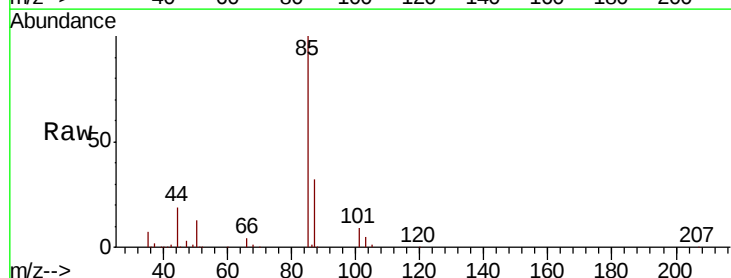
Acq: 03 Dec 2018 12:49

Tgt Ion: 85 Resp: 70487

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VU028355.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028355.D (-3) (-)

1.21

80000

60000

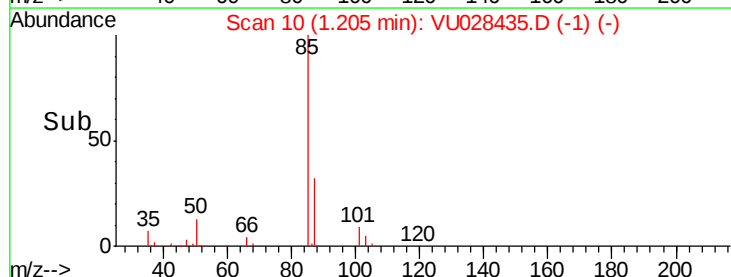
40000

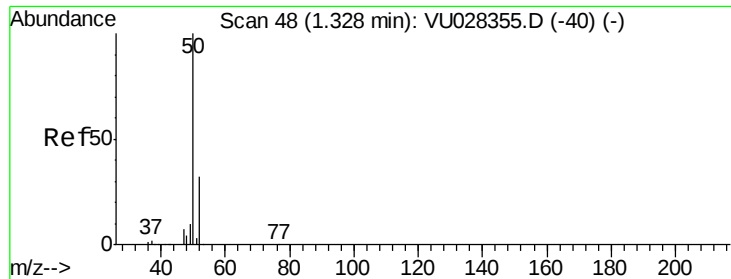
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.423 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

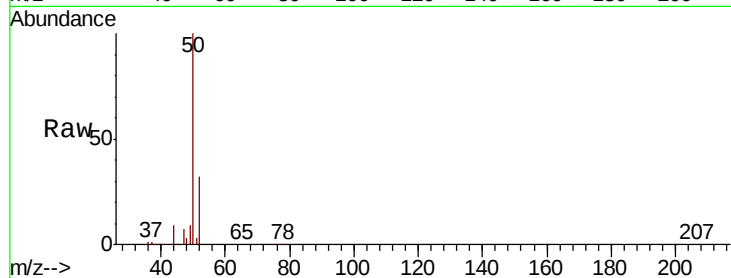
VU1203WBSD01

Tot Ion: 50 Resp: 131736

Ion Ratio Lower Upper

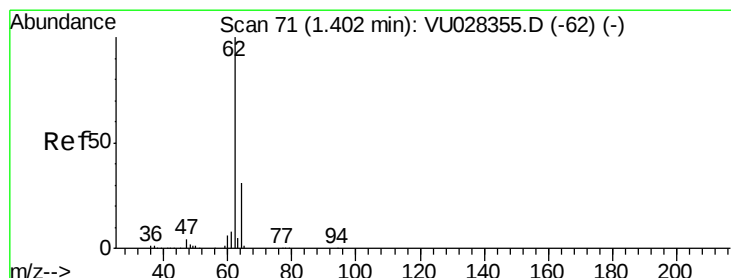
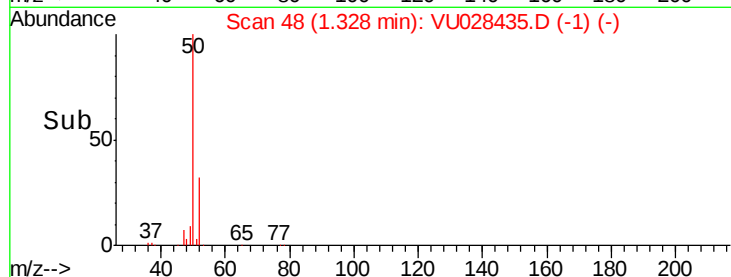
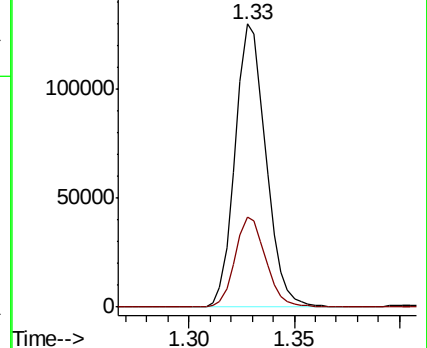
50 100

52 31.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VU028435.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU028435.D (-1) (-)



#4

Vinyl Chloride

Concen: 18.510 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028435.D

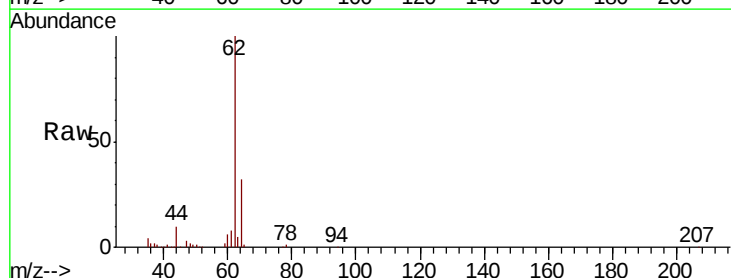
Acq: 03 Dec 2018 12:49

Tgt Ion: 62 Resp: 97917

Ion Ratio Lower Upper

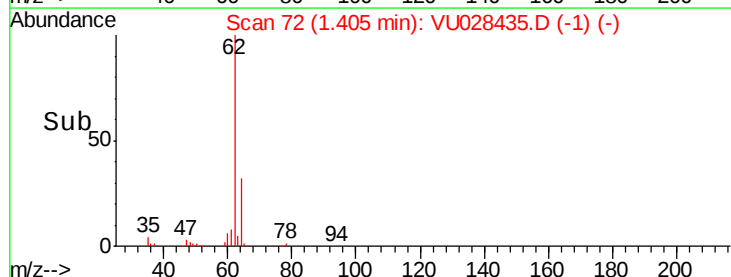
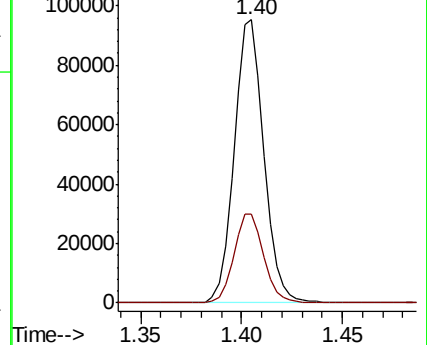
62 100

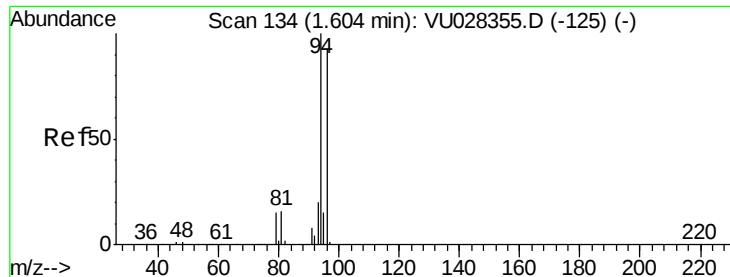
64 31.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU028435.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU028435.D (-1) (-)





#5

Bromomethane

Concen: 19.123 ug/l

RT: 1.63 min Scan# 141

Delta R.T. 0.02 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

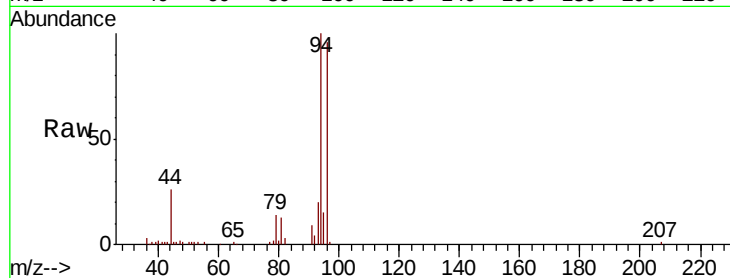
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion: 94 Resp: 39127

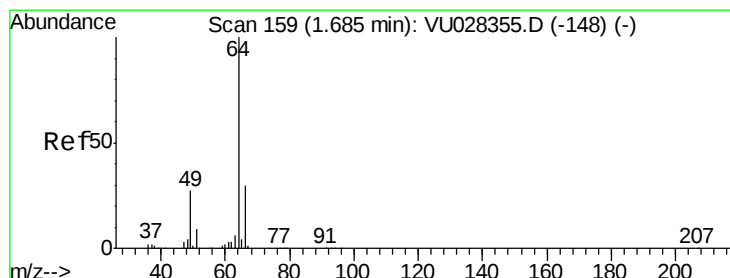
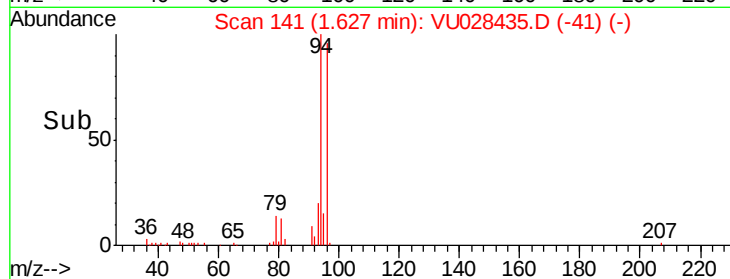
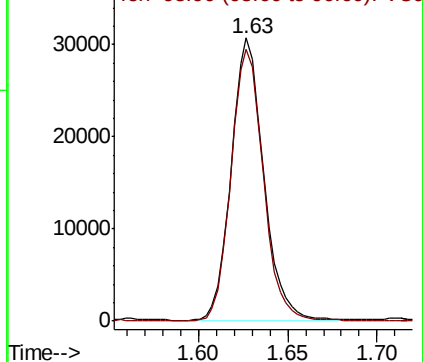
Ion Ratio Lower Upper

94 100

96 96.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 18.616 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.02 min

Lab File: VU028435.D

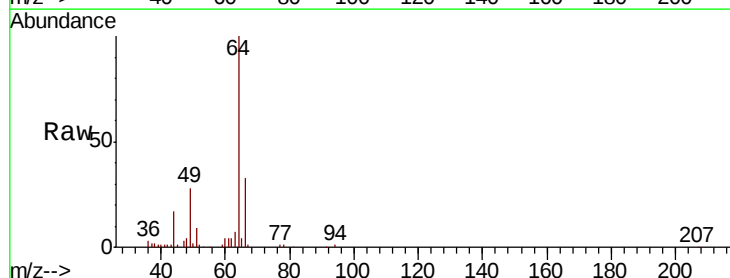
Acq: 03 Dec 2018 12:49

Tgt Ion: 64 Resp: 56667

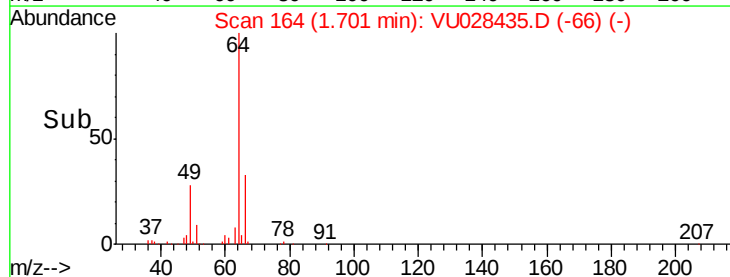
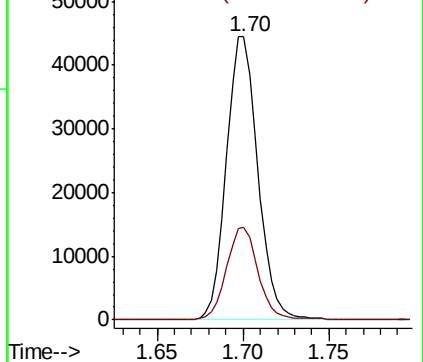
Ion Ratio Lower Upper

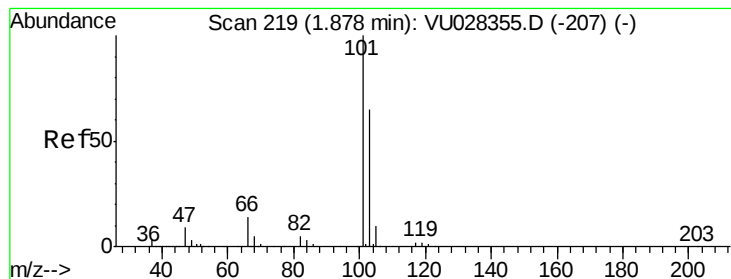
64 100

66 33.0 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 18.612 ug/l

RT: 1.89 min Scan# 222

Delta R.T. 0.01 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

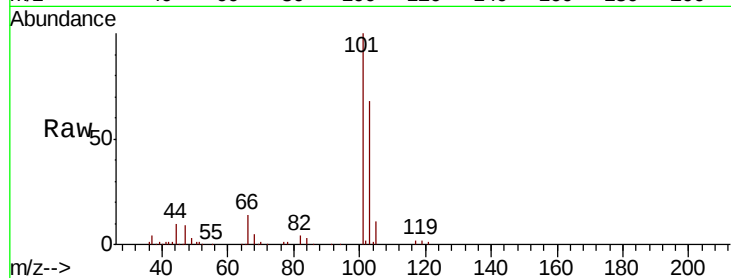
VU1203WBSD01

Tot Ion:101 Resp: 102274

Ion Ratio Lower Upper

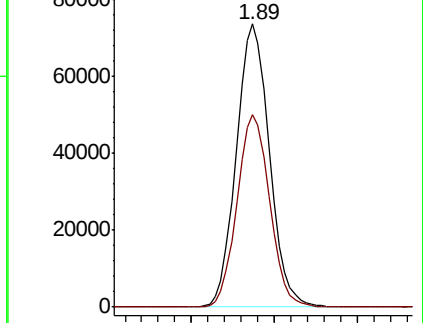
101 100

103 68.1 51.6 77.4

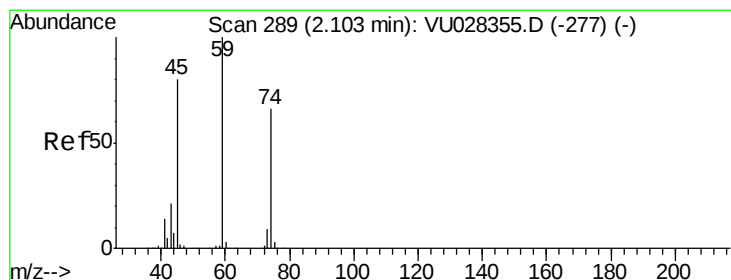
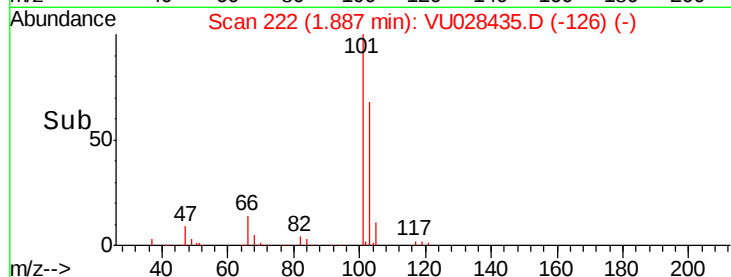


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 19.020 ug/l

RT: 2.11 min Scan# 290

Delta R.T. 0.00 min

Lab File: VU028435.D

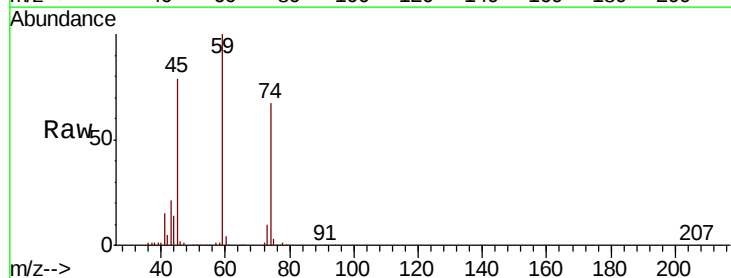
Acq: 03 Dec 2018 12:49

Tgt Ion: 74 Resp: 48585

Ion Ratio Lower Upper

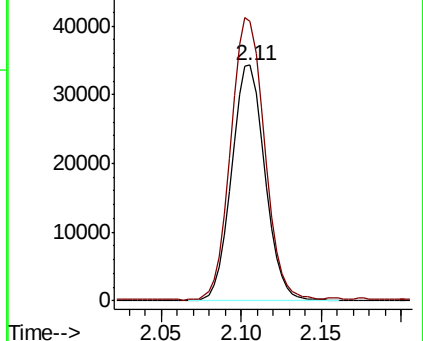
74 100

45 120.8 63.0 189.1

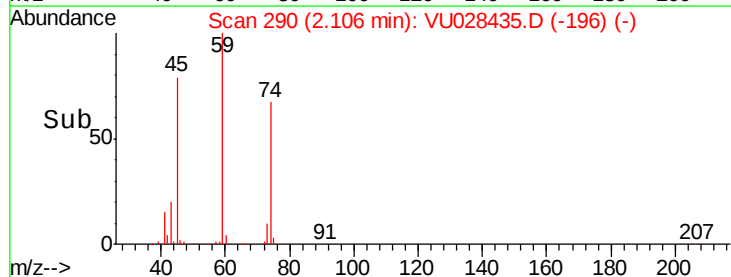


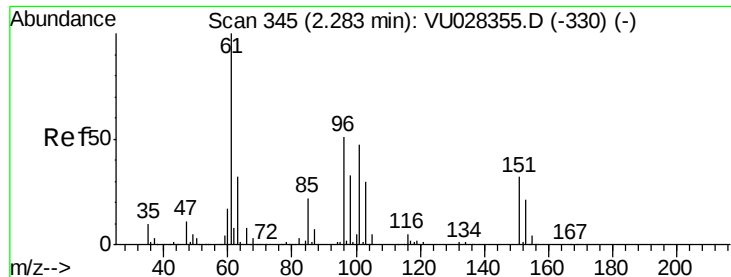
Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.875 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

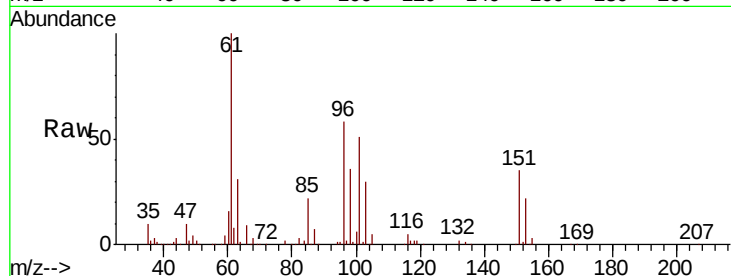
Tot Ion:101 Resp: 63619

Ion Ratio Lower Upper

101 100

85 43.8 37.2 55.8

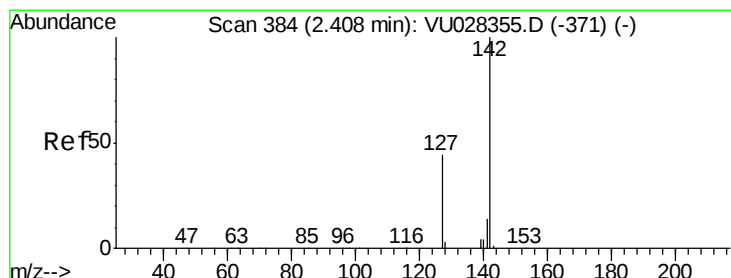
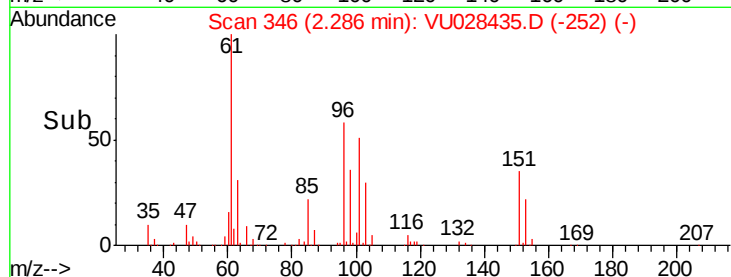
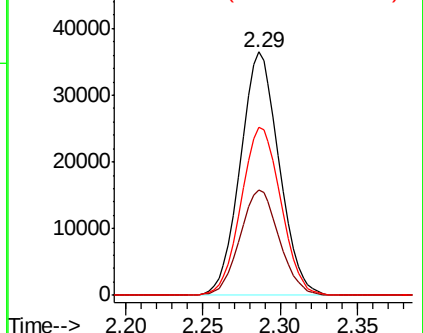
151 70.9 55.4 83.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.217 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

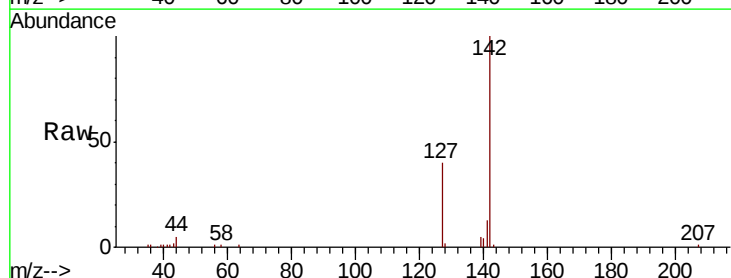
Tgt Ion:142 Resp: 42914

Ion Ratio Lower Upper

142 100

127 41.2 35.0 52.6

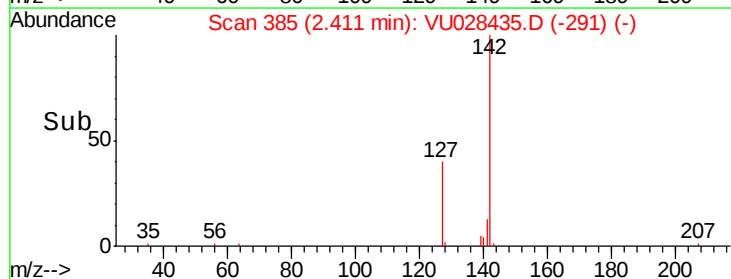
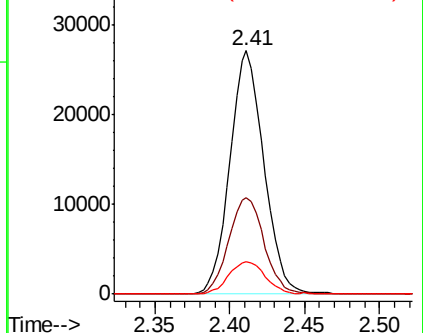
141 14.4 11.2 16.8

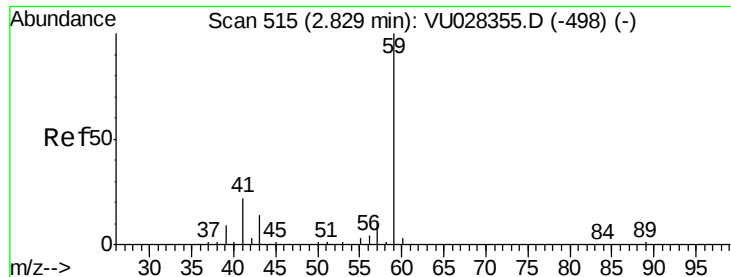


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

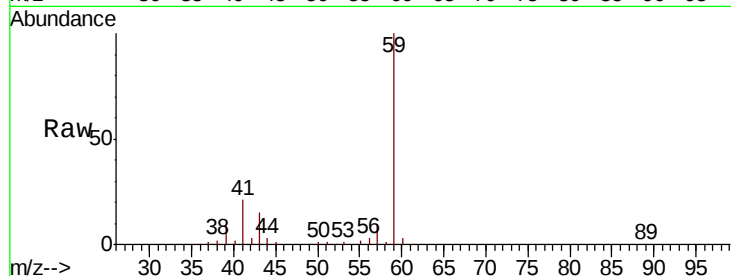




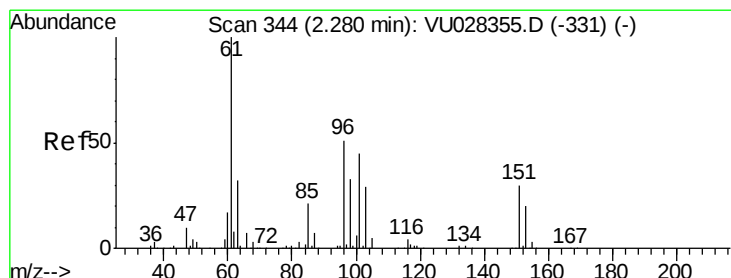
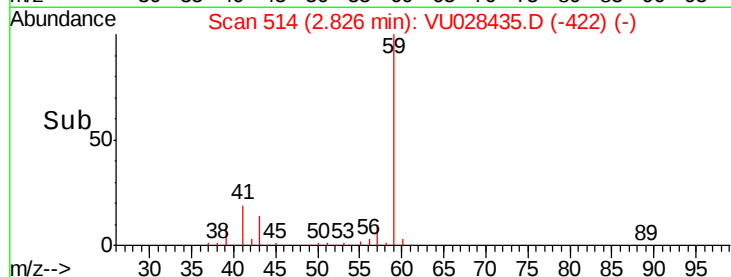
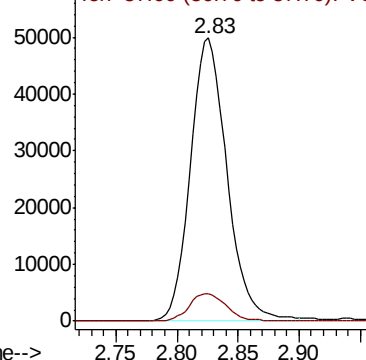
#11
Tert butyl alcohol
Concen: 94.310 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion: 59 Resp: 104121
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

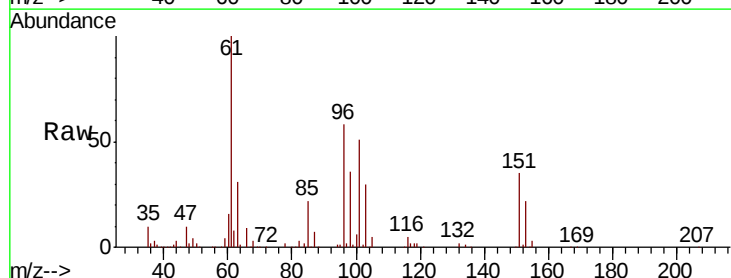


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

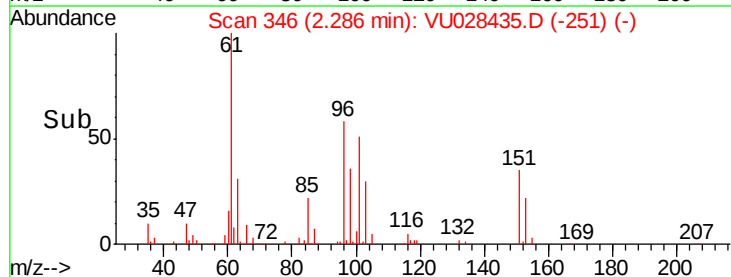
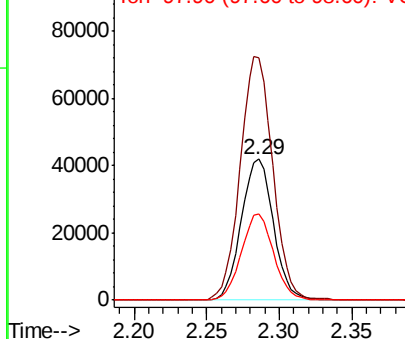


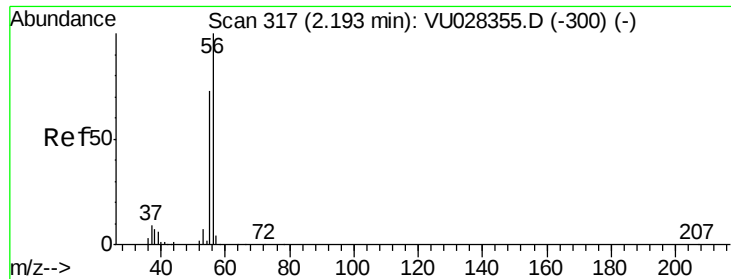
#12
1,1-Dichloroethene
Concen: 20.924 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 96 Resp: 65000
Ion Ratio Lower Upper
96 100
61 171.7 158.1 237.1
98 61.1 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#13

Acrolein

Concen: 78.026 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

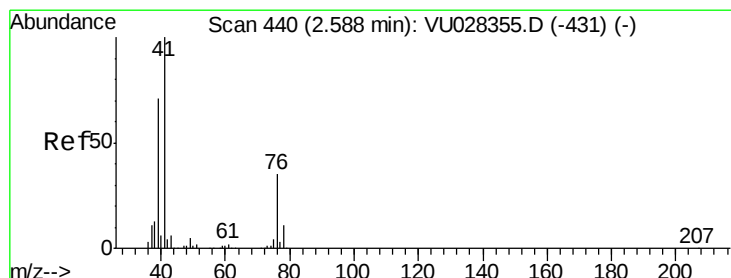
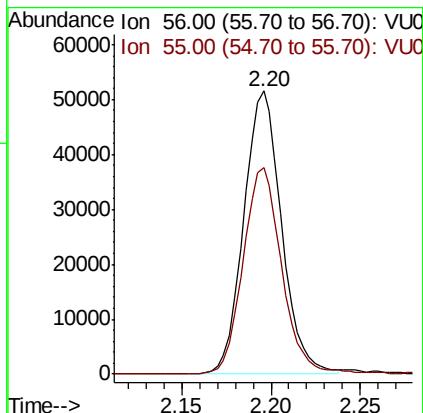
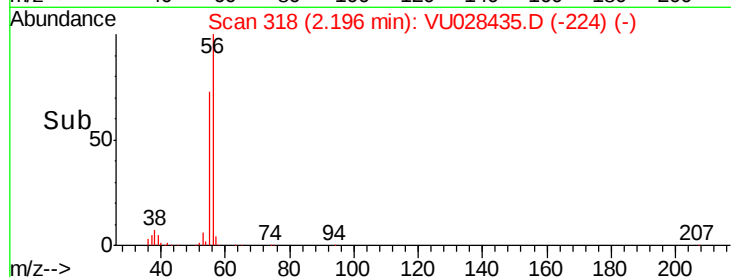
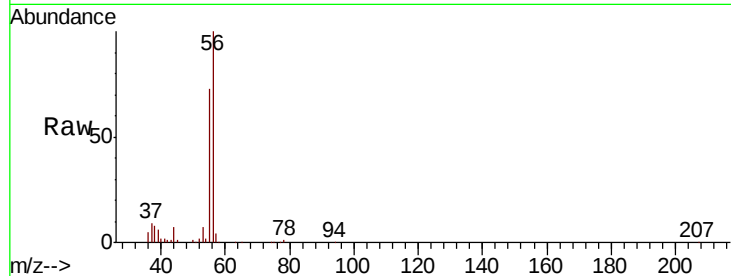
VU1203WBSD01

Tot Ion: 56 Resp: 76583

Ion Ratio Lower Upper

56 100

55 73.7 56.6 85.0



#14

Allyl chloride

Concen: 17.817 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.01 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

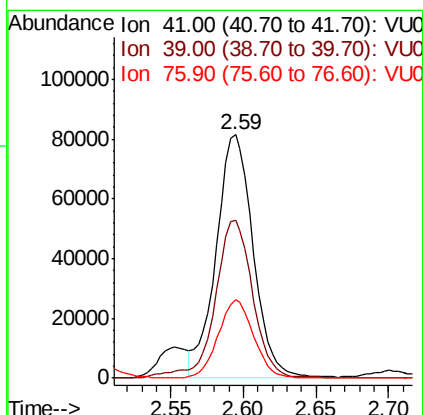
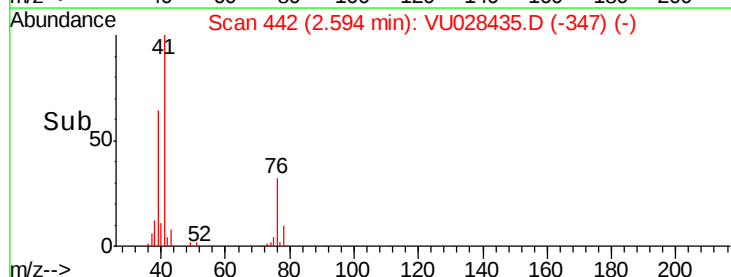
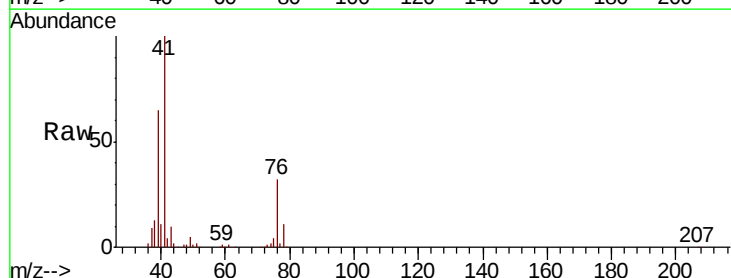
Tgt Ion: 41 Resp: 144603

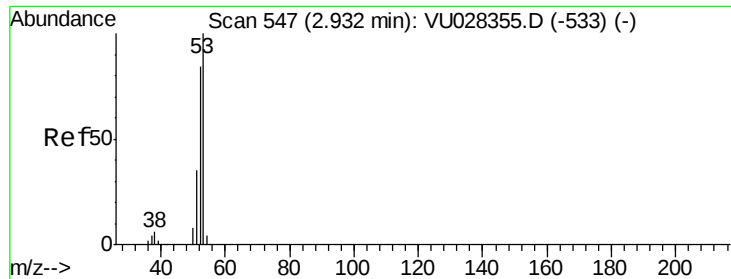
Ion Ratio Lower Upper

41 100

39 66.2 51.6 77.4

76 30.8 24.4 36.6





#15

Acrylonitrile

Concen: 94.435 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

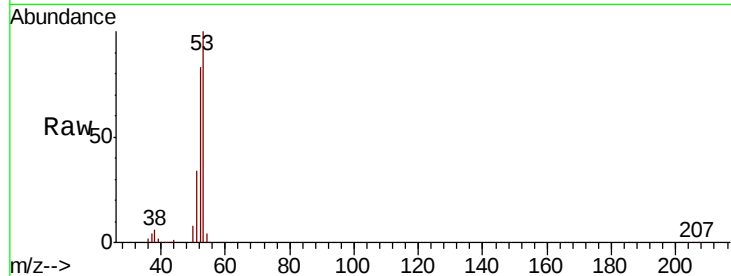
Tot Ion: 53 Resp: 275784

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

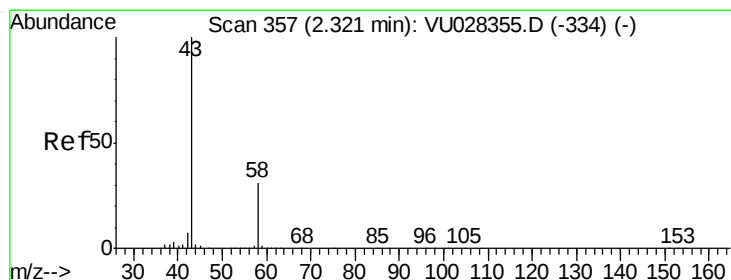
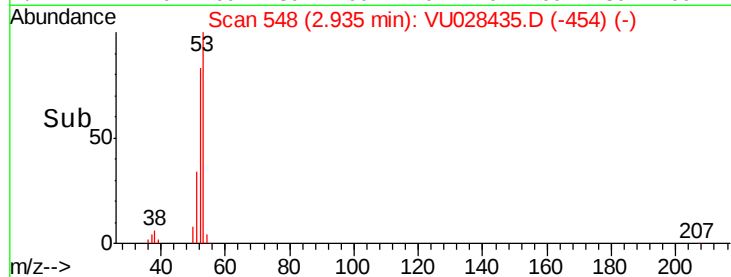
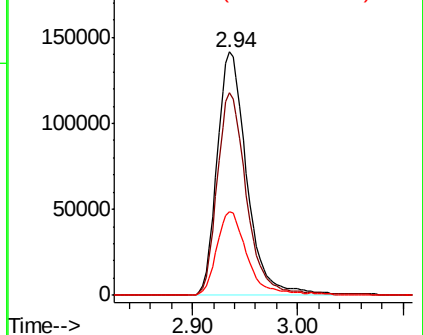
51 35.1 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 84.220 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028435.D

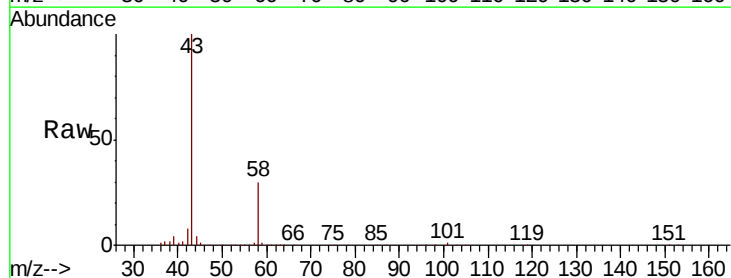
Acq: 03 Dec 2018 12:49

Tgt Ion: 43 Resp: 250368

Ion Ratio Lower Upper

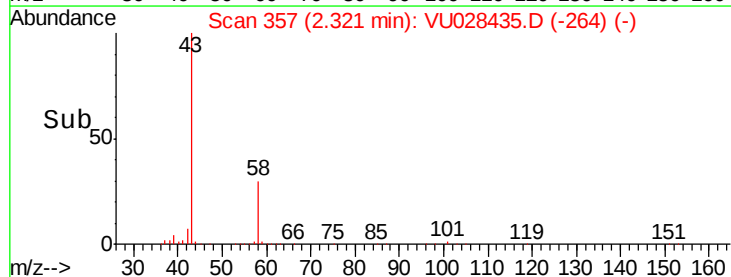
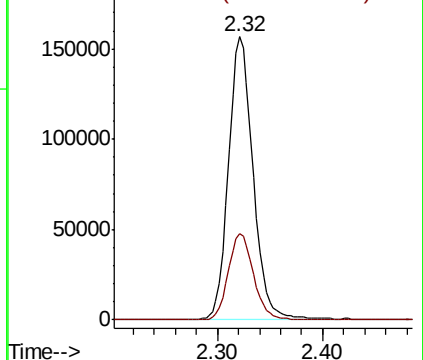
43 100

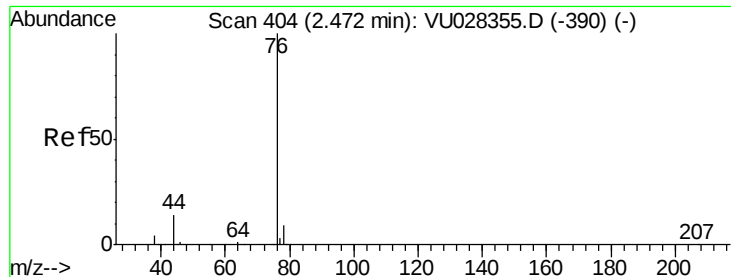
58 30.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

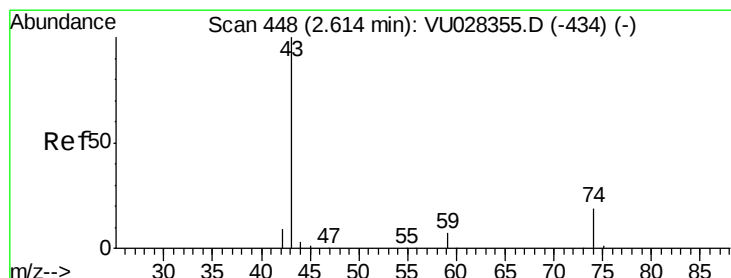
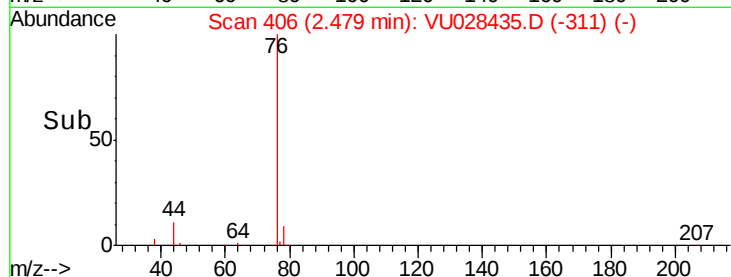
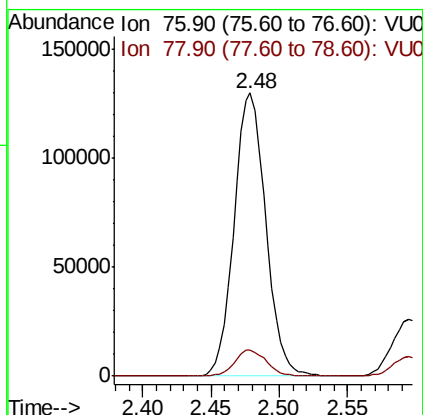
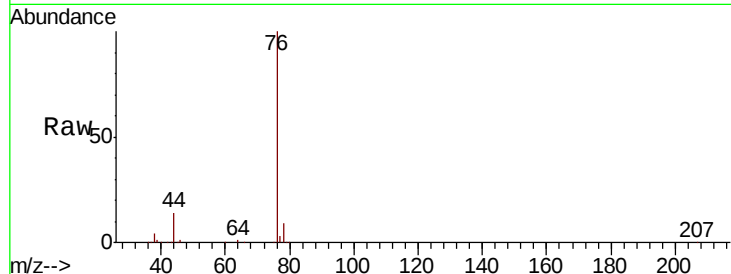




#17
Carbon Disulfide
Concen: 17.574 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

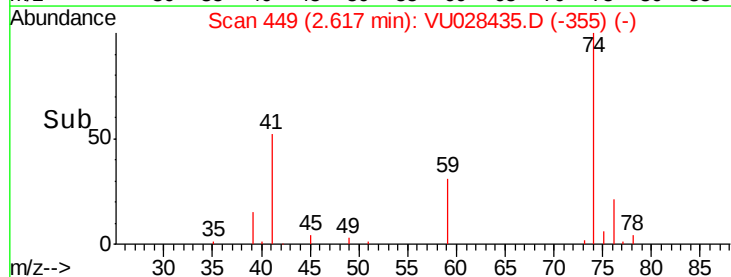
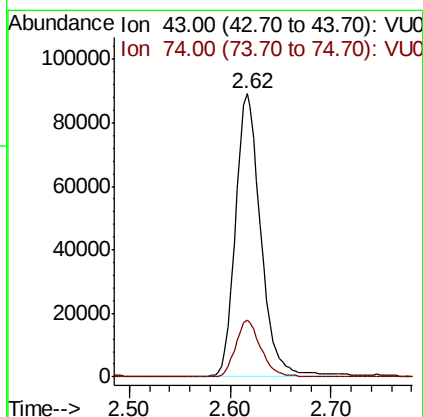
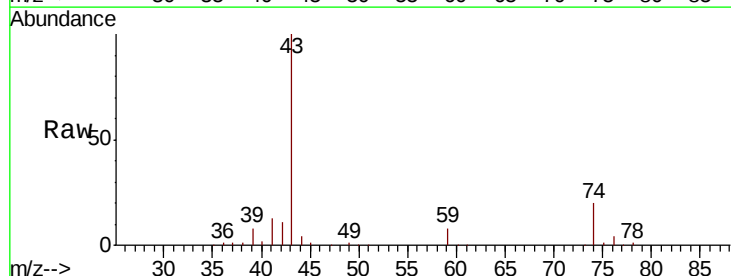
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

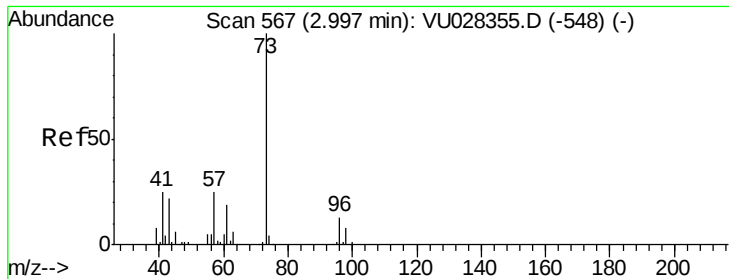
Tot Ion: 76 Resp: 209542
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 18.858 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 43 Resp: 156084
Ion Ratio Lower Upper
43 100
74 20.0 15.3 22.9

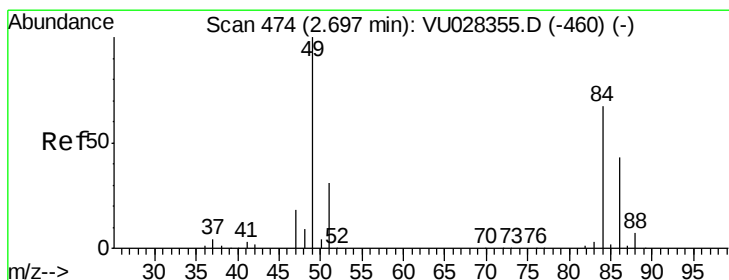
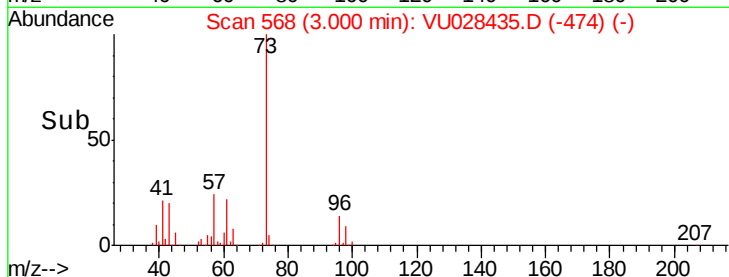
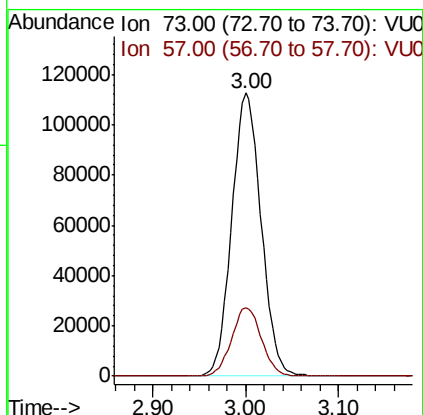
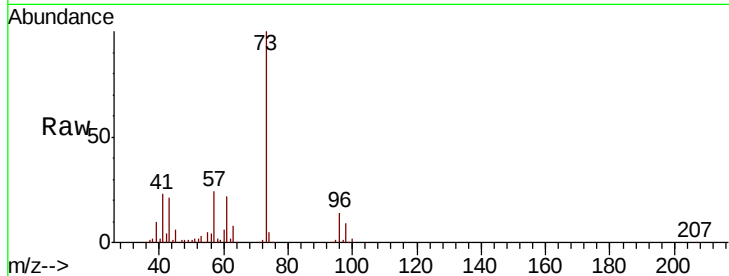




#19
Methyl tert-butyl Ether
Concen: 19.412 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

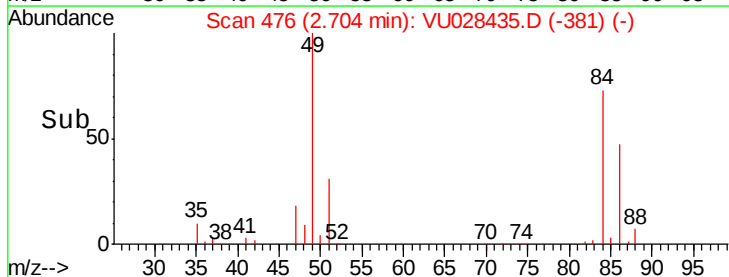
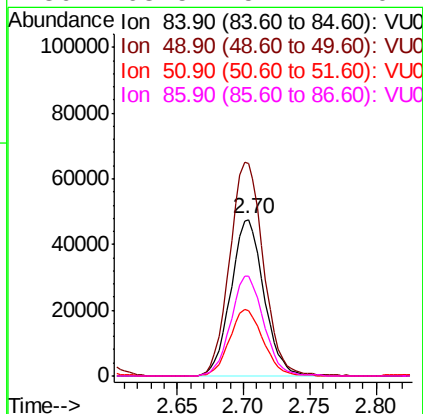
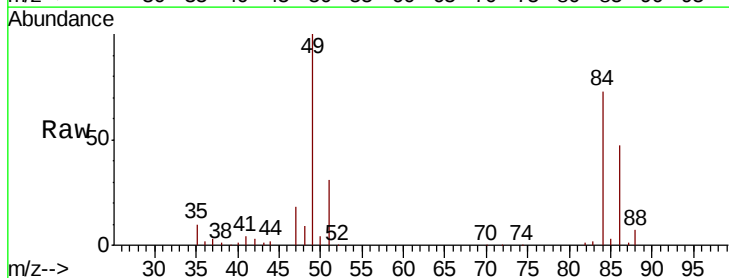
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

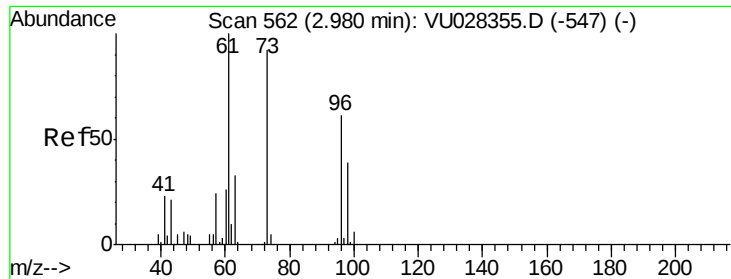
Tot Ion: 73 Resp: 247224
Ion Ratio Lower Upper
73 100
57 24.1 20.1 30.1



#20
Methylene Chloride
Concen: 19.681 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 84 Resp: 82713
Ion Ratio Lower Upper
84 100
49 136.1 120.0 180.0
51 41.7 36.9 55.3
86 63.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.754 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

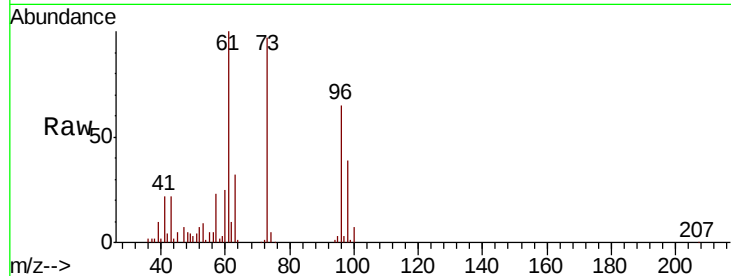
Tot Ion: 96 Resp: 71166

Ion Ratio Lower Upper

96 100

61 153.5 131.1 196.7

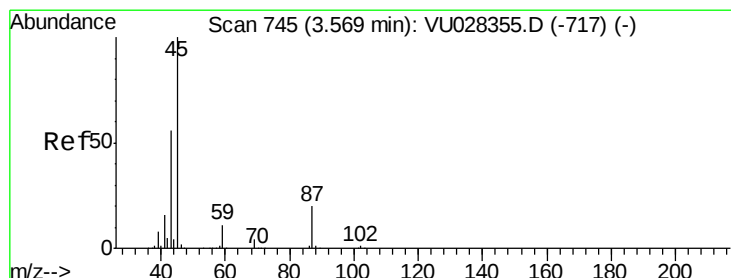
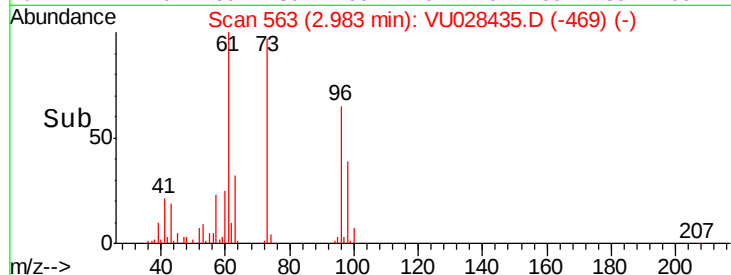
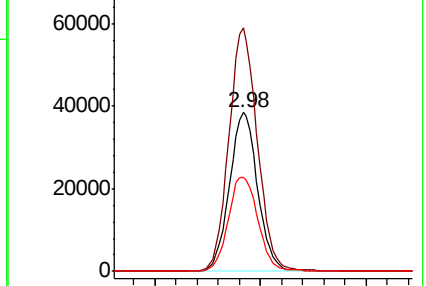
98 59.3 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VU028435.D (-469) (-)

Ion 60.90 (60.60 to 61.60): VU028435.D (-469) (-)

Ion 97.90 (97.60 to 98.60): VU028435.D (-469) (-)



#22

Diisopropyl ether

Concen: 18.503 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Tgt Ion: 45 Resp: 295658

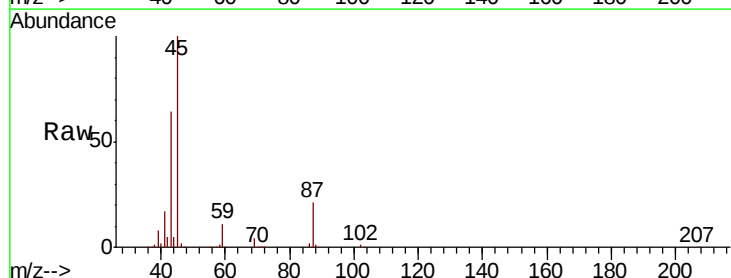
Ion Ratio Lower Upper

45 100

43 62.7 44.8 67.2

87 21.2 16.3 24.5

59 10.7 8.6 12.8

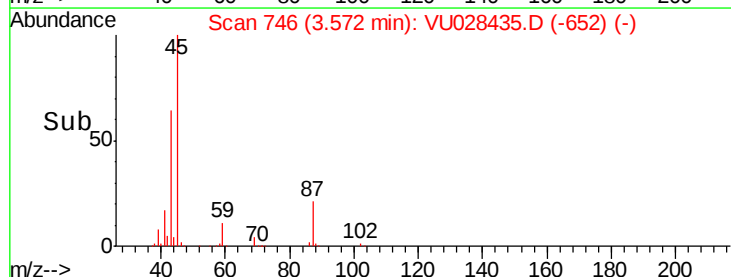
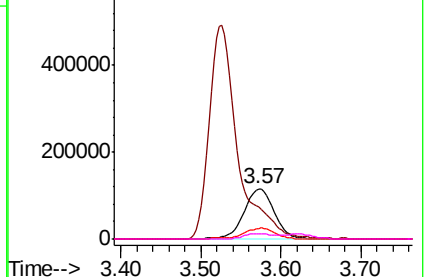


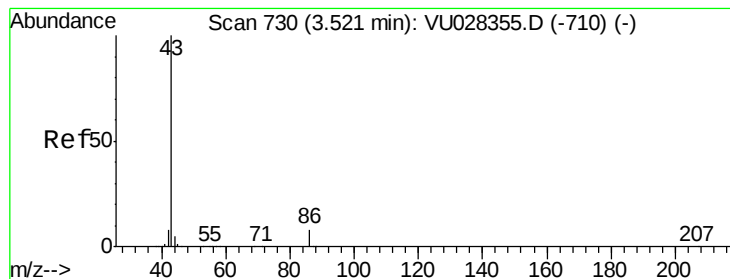
Abundance Ion 45.00 (44.70 to 45.70): VU028435.D (-652) (-)

Ion 43.00 (42.70 to 43.70): VU028435.D (-652) (-)

Ion 87.00 (86.70 to 87.70): VU028435.D (-652) (-)

Ion 59.00 (58.70 to 59.70): VU028435.D (-652) (-)





#23

Vinyl Acetate

Concen: 91.732 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.01 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

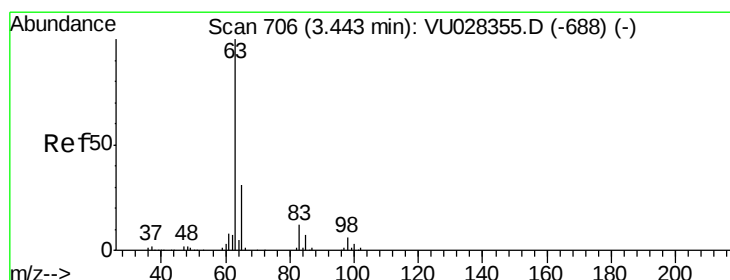
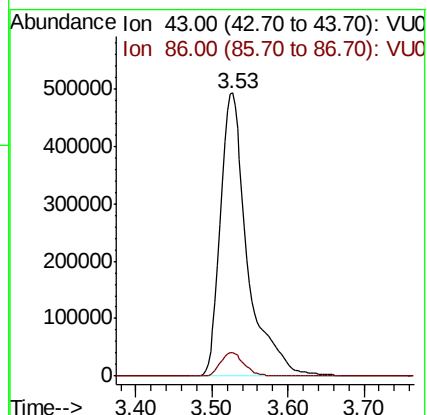
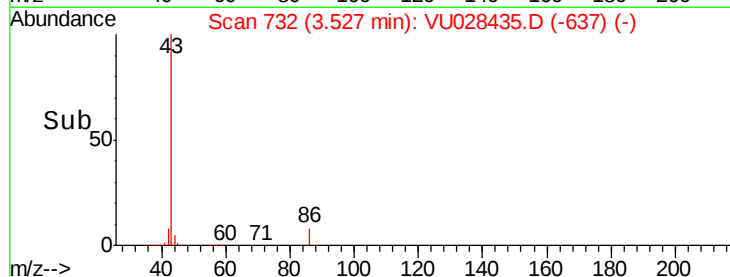
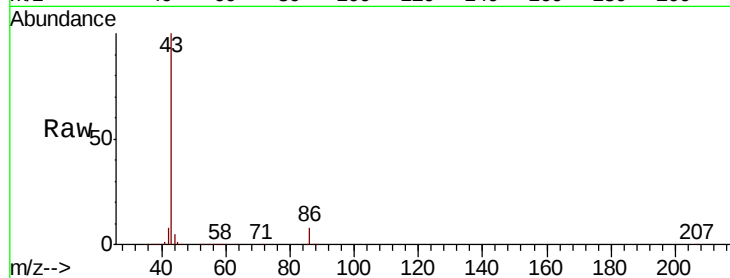
VU1203WBSD01

Tot Ion: 43 Resp: 1218379

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



#24

1,1-Dichloroethane

Concen: 19.181 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

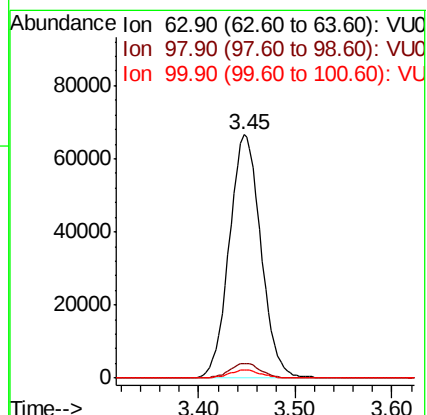
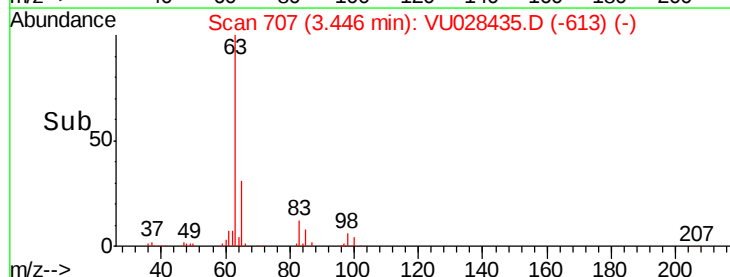
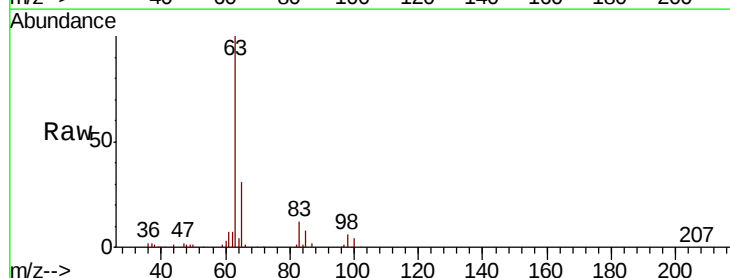
Tgt Ion: 63 Resp: 151115

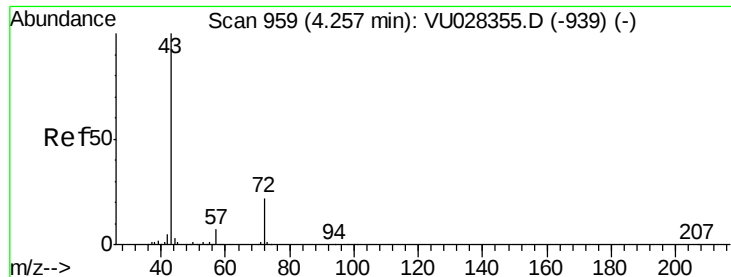
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

100 3.5 1.7 5.1





#25

2-Butanone

Concen: 91.498 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.01 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

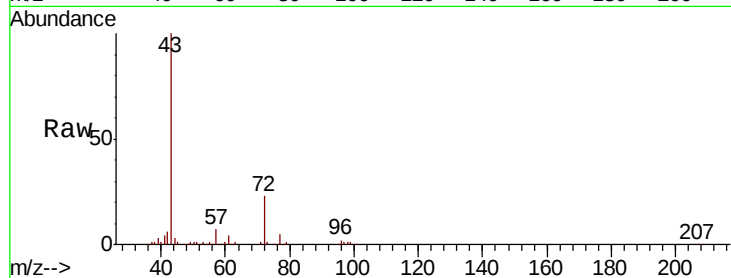
VU1203WBSD01

Tot Ion: 43 Resp: 389822

Ion Ratio Lower Upper

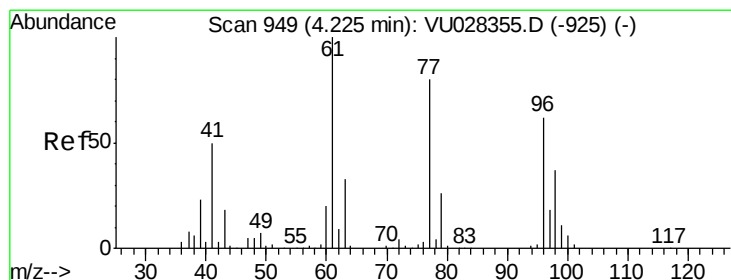
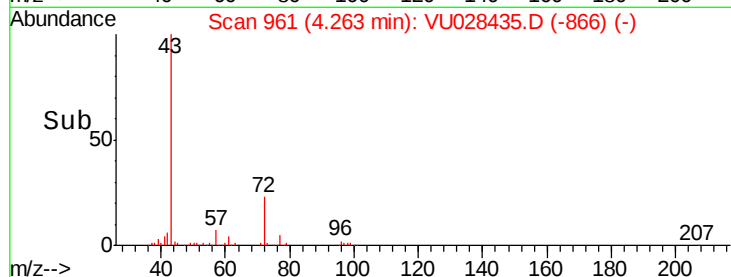
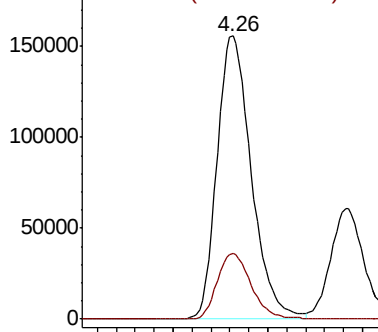
43 100

72 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 18.258 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028435.D

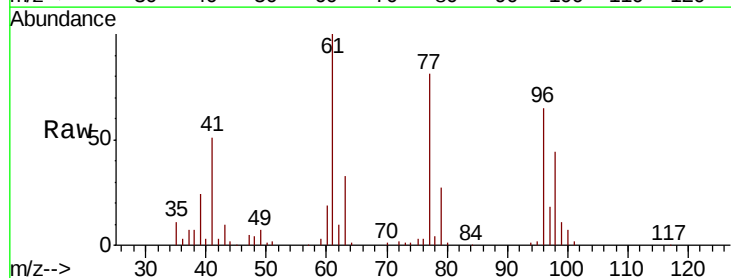
Acq: 03 Dec 2018 12:49

Tgt Ion: 77 Resp: 114236

Ion Ratio Lower Upper

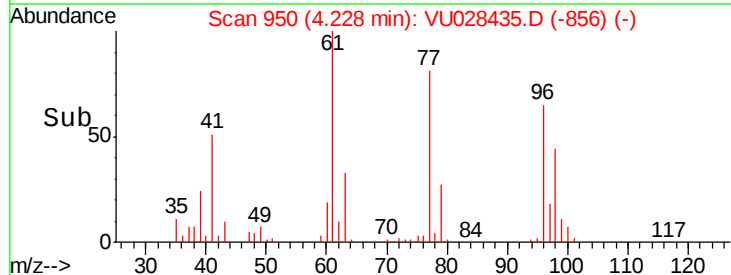
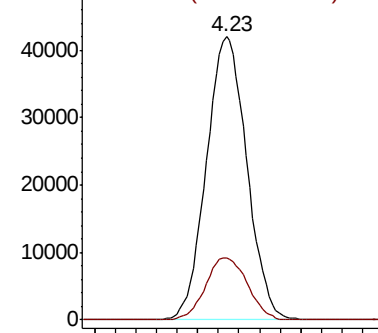
77 100

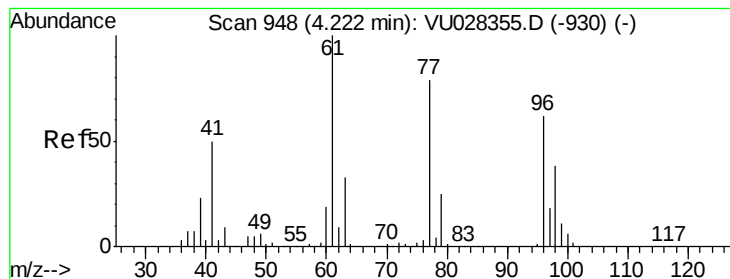
97 22.7 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



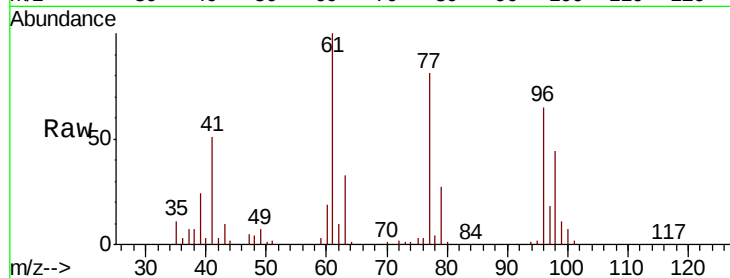


#27

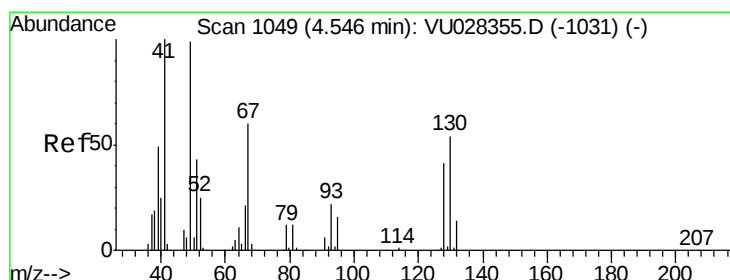
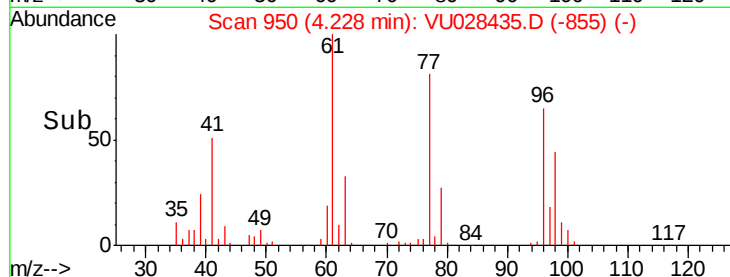
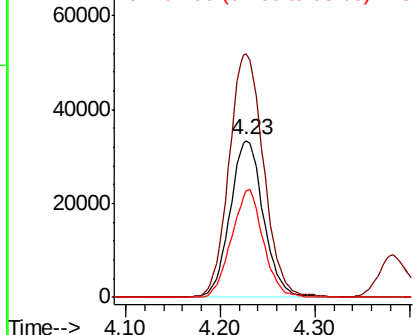
cis-1,2-Dichloroethene
Concen: 19.164 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	342.0
98	65.2	0.0	126.4



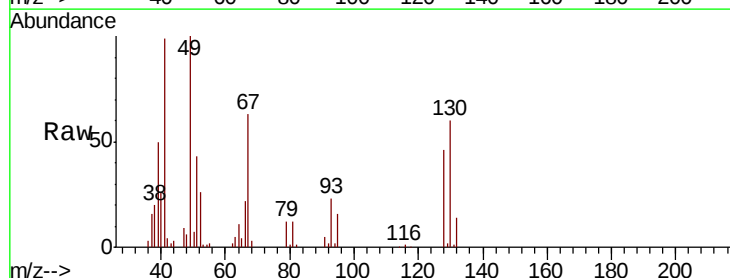
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



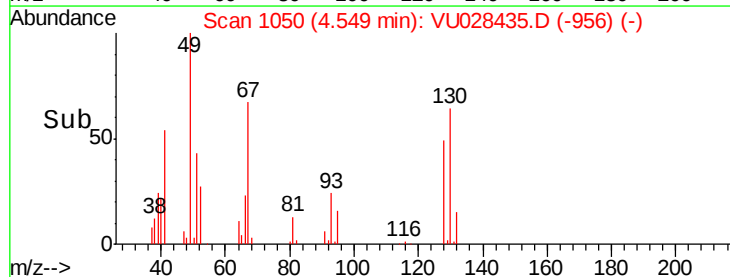
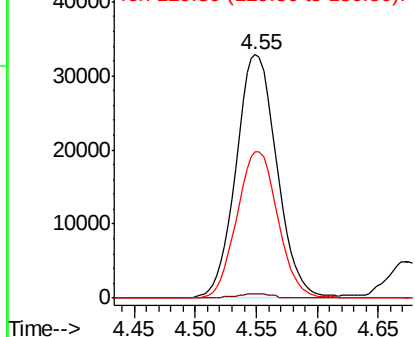
#28

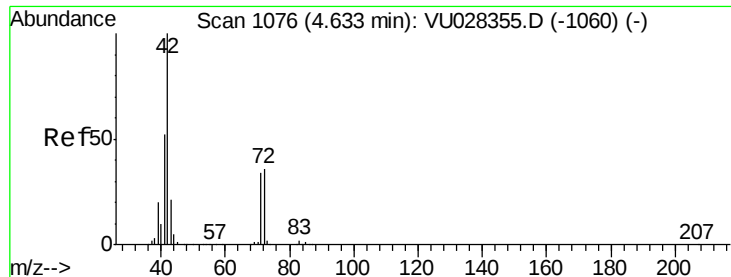
Bromochloromethane
Concen: 19.384 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.6
130	60.2	44.5	66.7



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

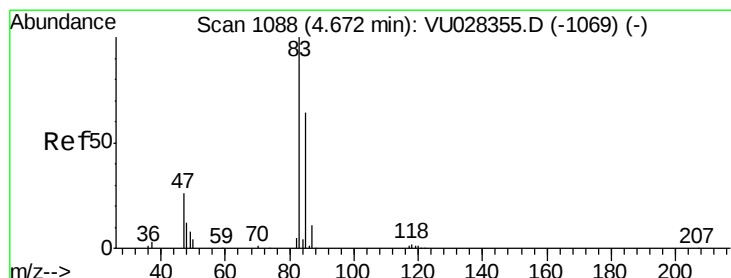
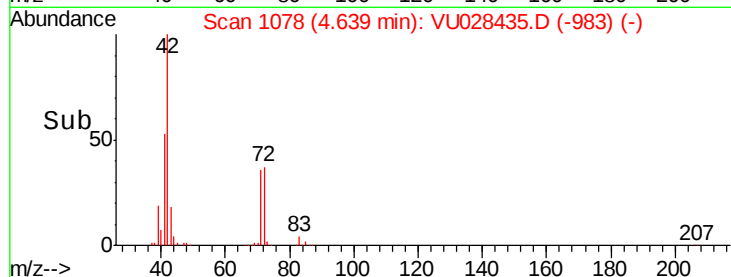
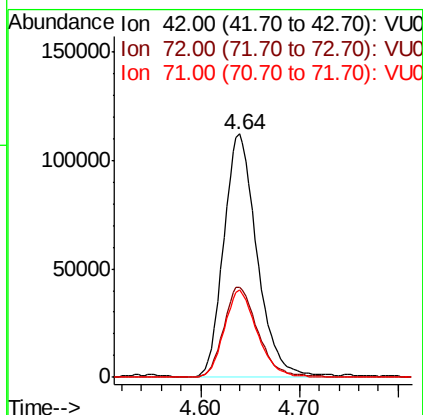
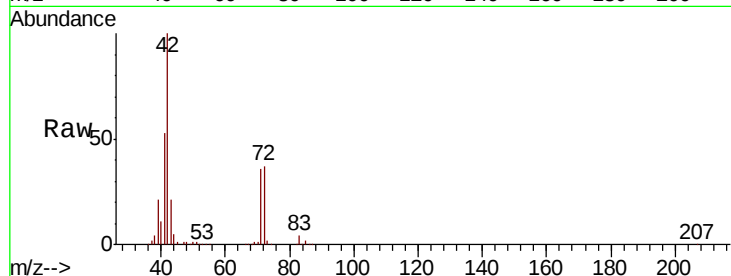




#29
Tetrahydrofuran
Concen: 95.477 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

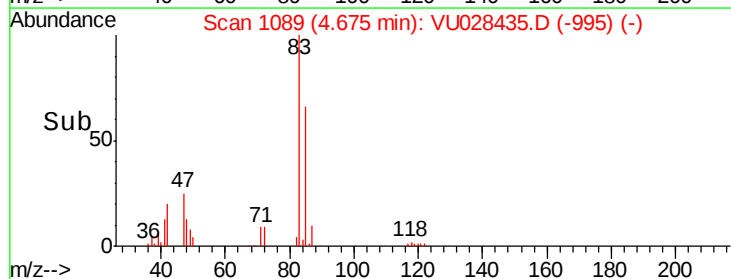
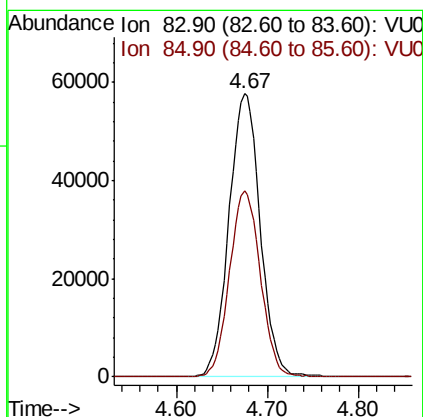
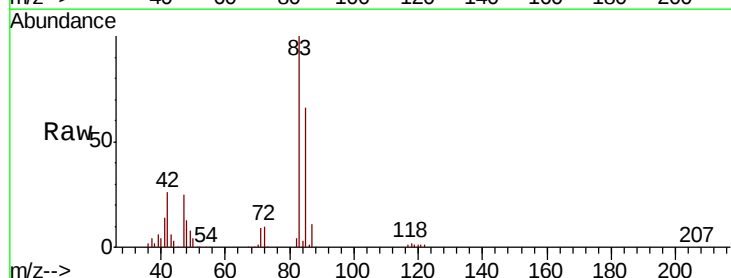
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

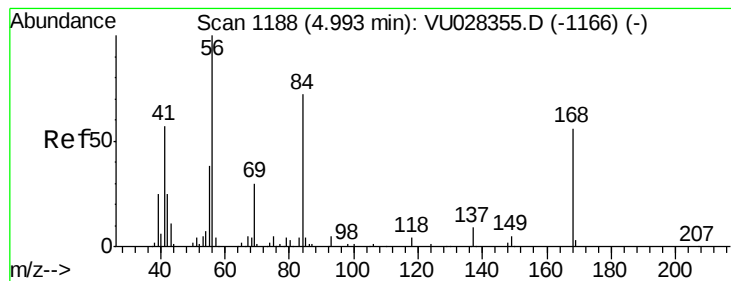
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	29.5	44.3
71	35.4	27.7	41.5



#30
Chloroform
Concen: 18.927 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.2	76.8





#31

Cyclohexane

Concen: 18.499 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

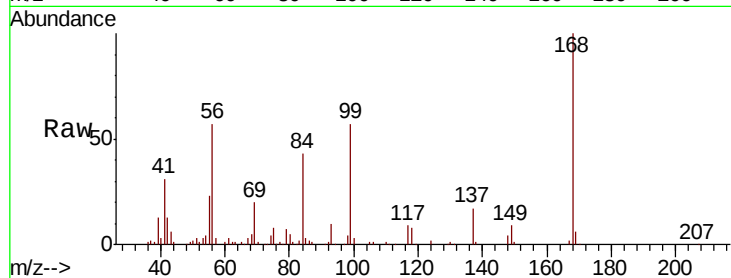
Tot Ion: 56 Resp: 151570

Ion Ratio Lower Upper

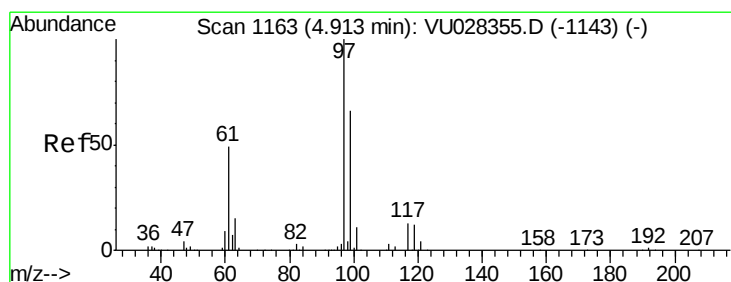
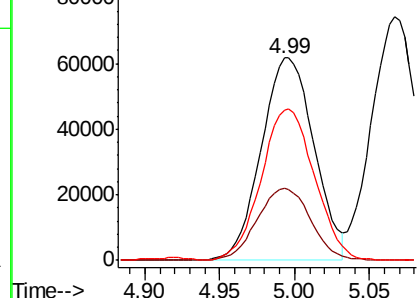
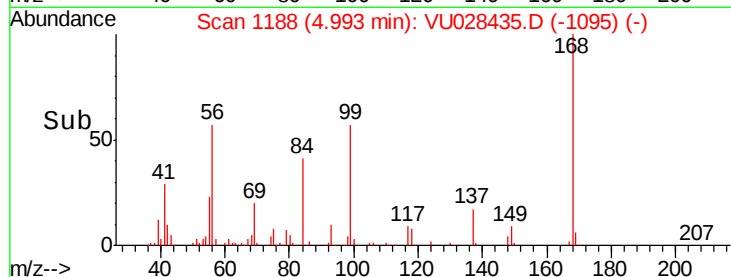
56 100

69 35.5 23.7 35.5#

84 73.6 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 18.963 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

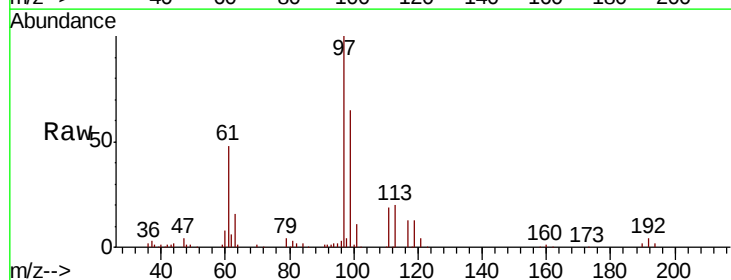
Tgt Ion: 97 Resp: 110650

Ion Ratio Lower Upper

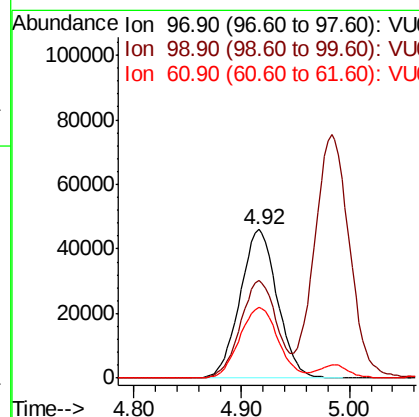
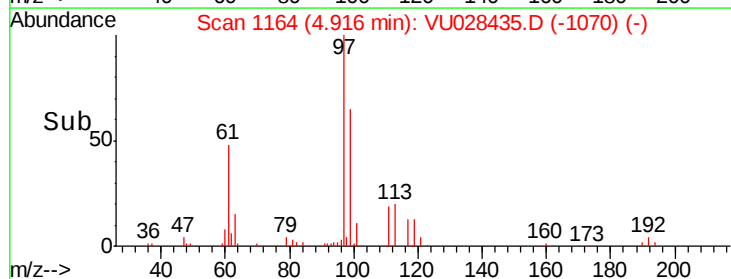
97 100

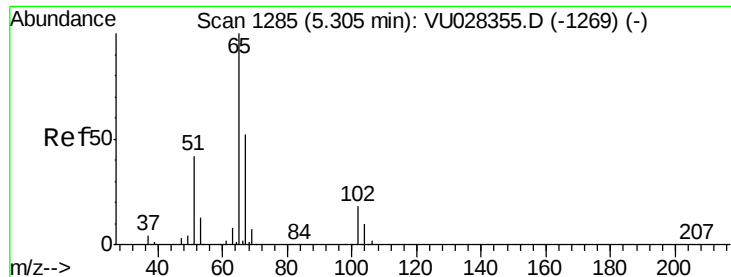
99 64.7 50.8 76.2

61 49.5 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

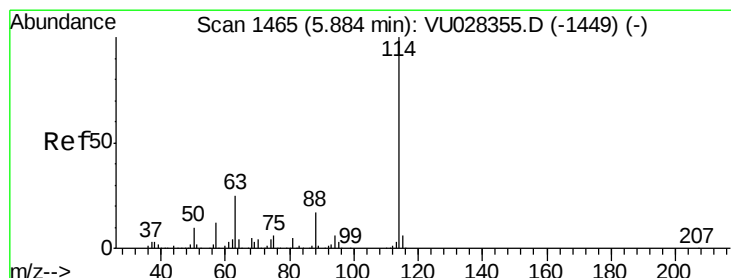
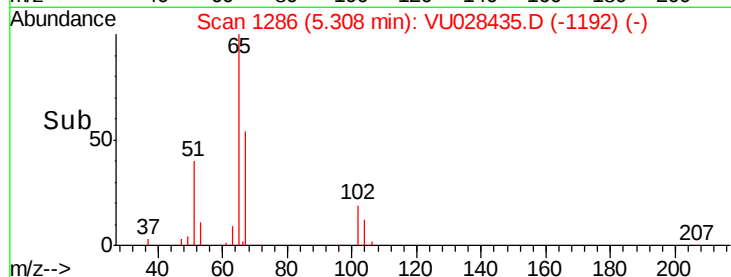
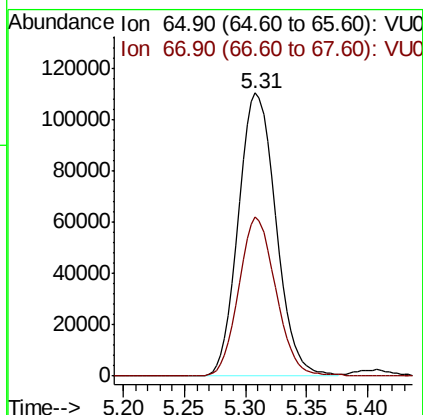
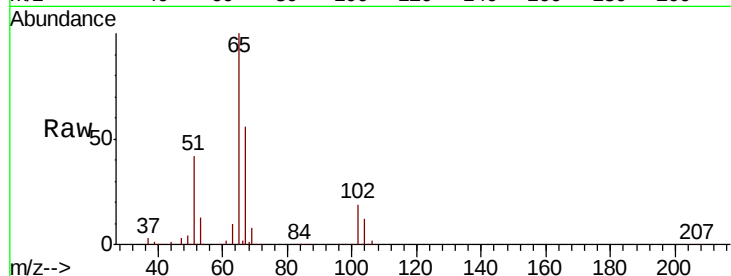




#33
 1,2-Dichloroethane-d4
 Concen: 48.467 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

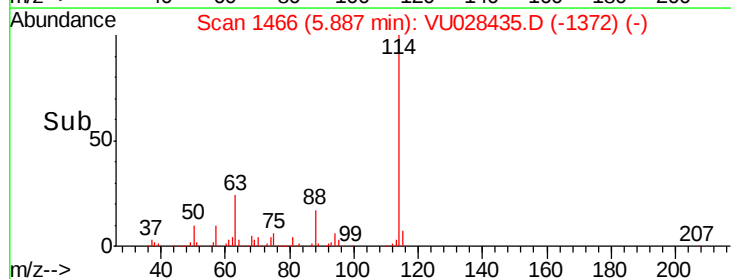
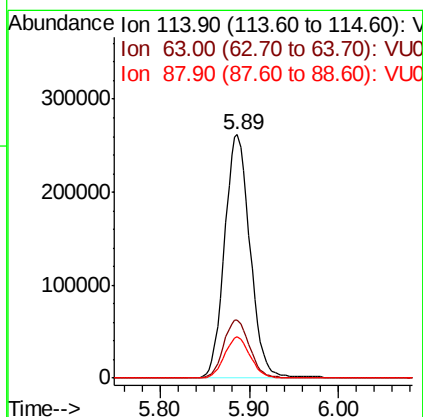
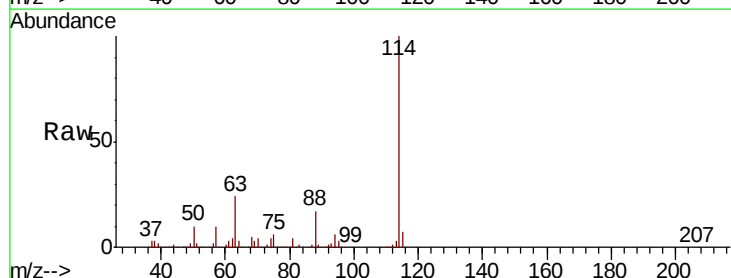
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

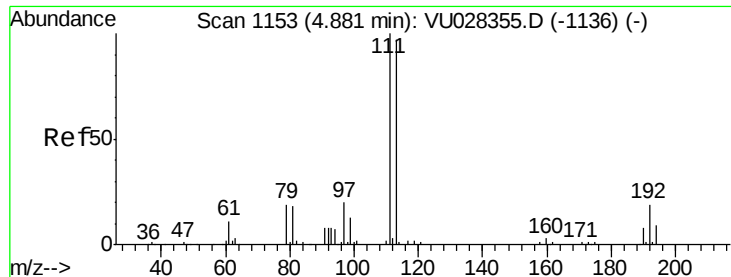
Tot Ion: 65 Resp: 23532
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

Tgt Ion: 114 Resp: 520551
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.0
 88 16.9 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

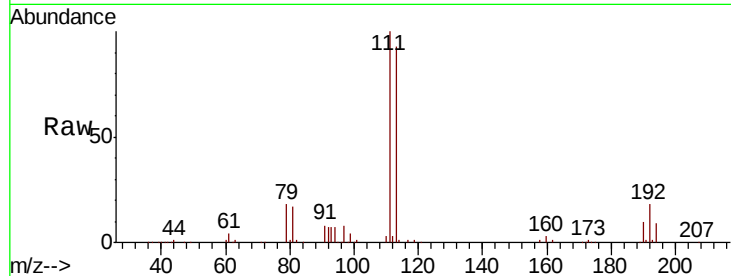
Tot Ion:113 Resp: 171898

Ion Ratio Lower Upper

113 100

111 105.6 82.9 124.3

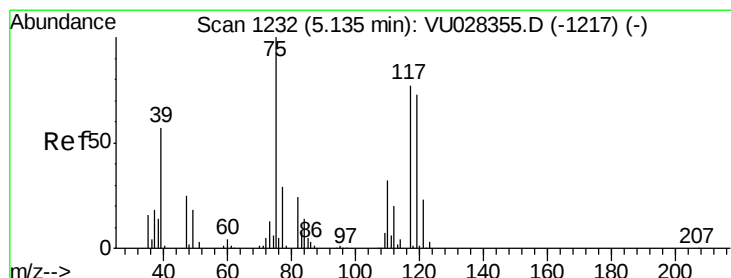
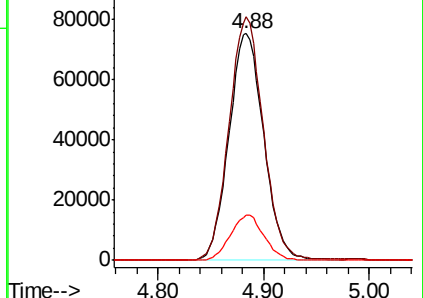
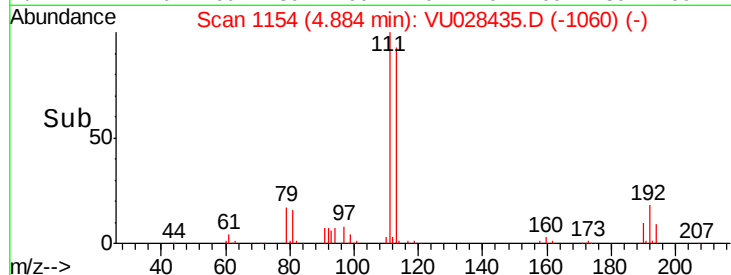
192 19.3 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.160 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

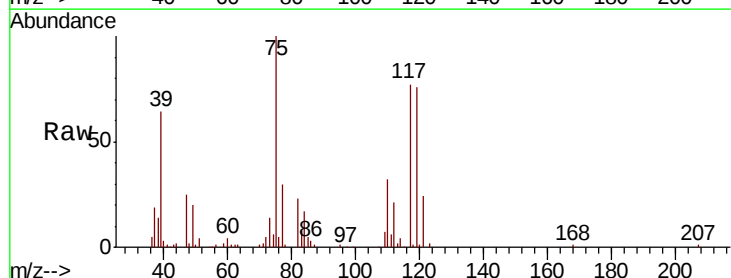
Tgt Ion: 75 Resp: 103447

Ion Ratio Lower Upper

75 100

110 32.7 15.8 47.4

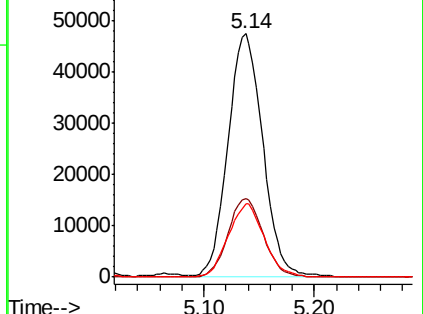
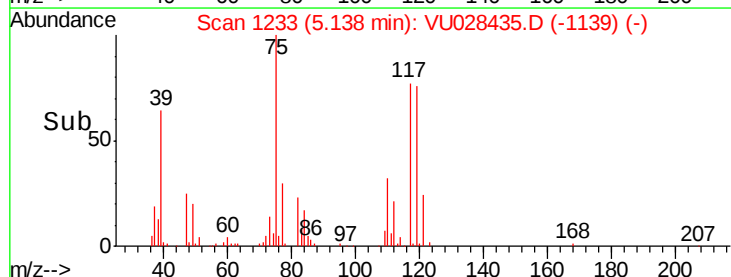
77 31.1 24.6 36.8

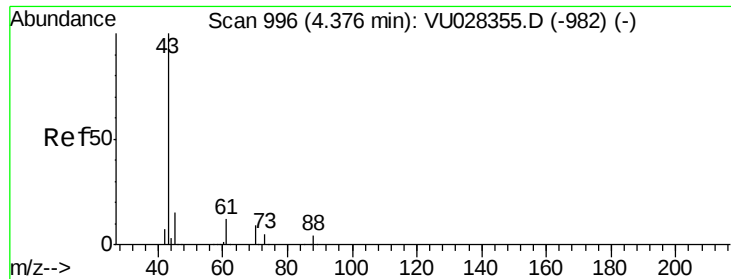


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

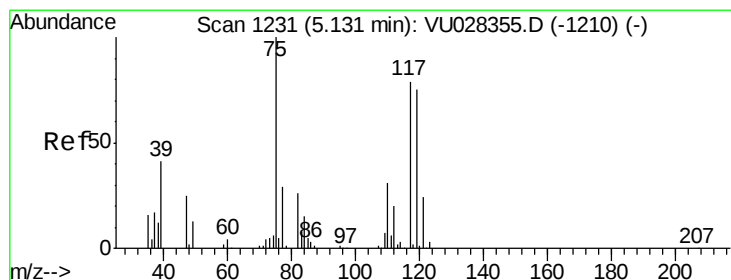
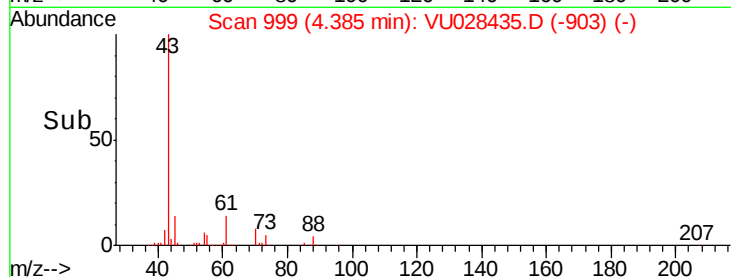
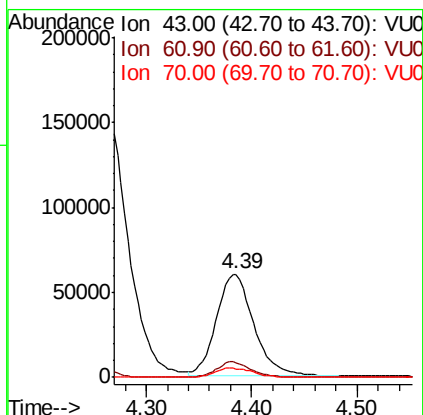
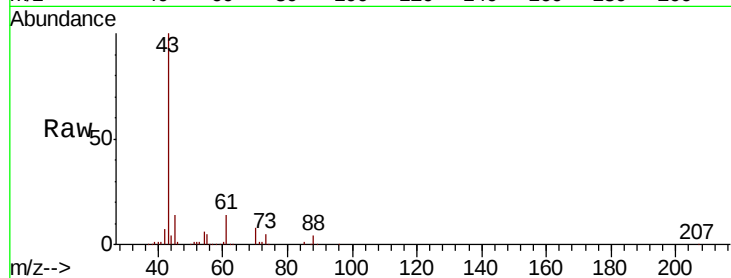




#37
Ethyl Acetate
Concen: 18.961 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.01 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

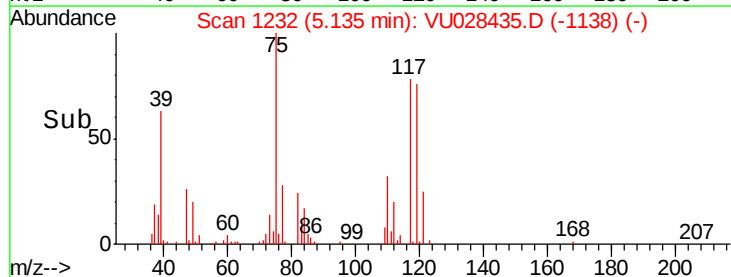
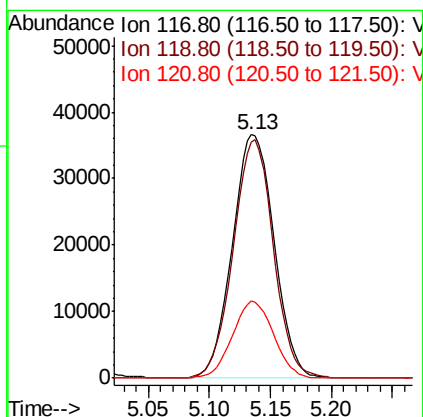
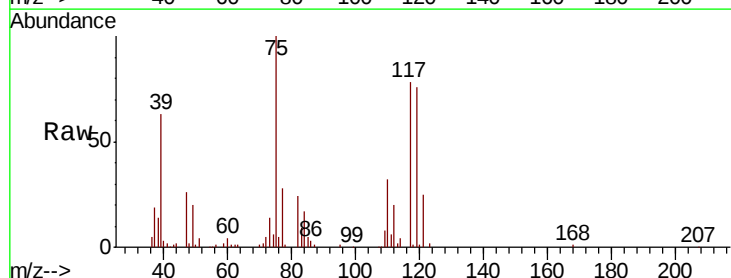
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

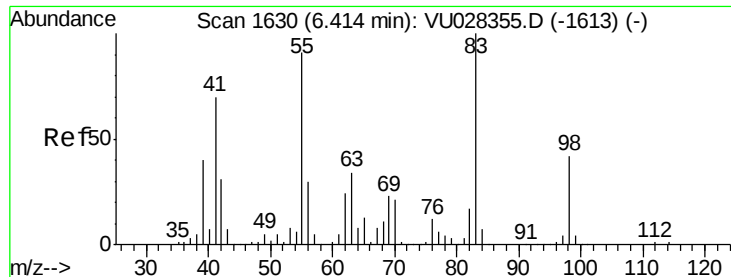
Tot Ion: 43 Resp: 147188
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.4
70 9.2 6.9 10.3



#38
Carbon Tetrachloride
Concen: 18.553 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 117 Resp: 86783
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5
121 31.5 24.7 37.1

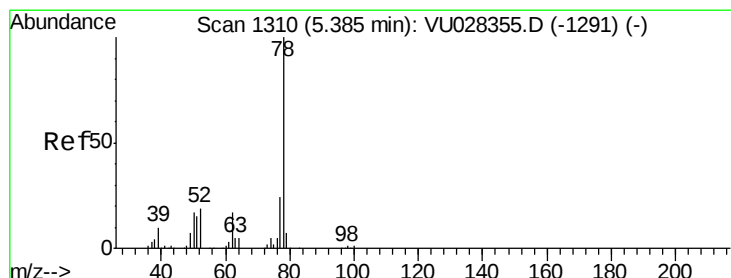
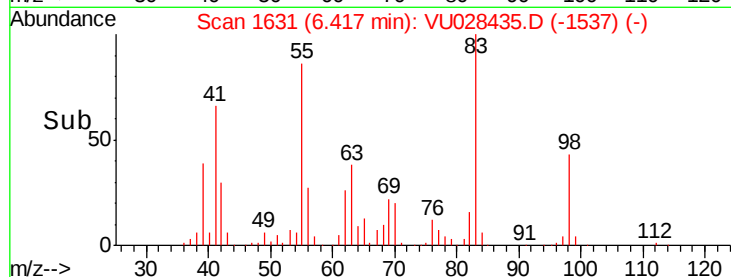
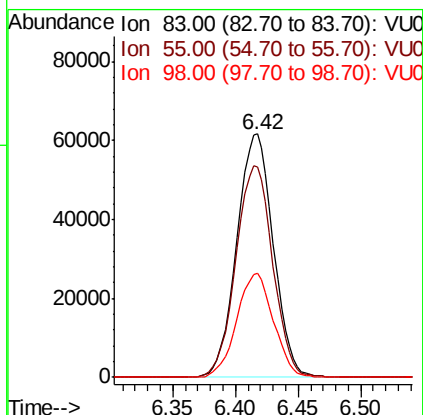
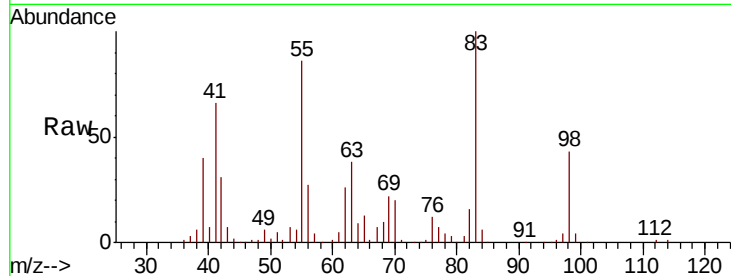




#39
Methvlcvclohexane
Concen: 18.589 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

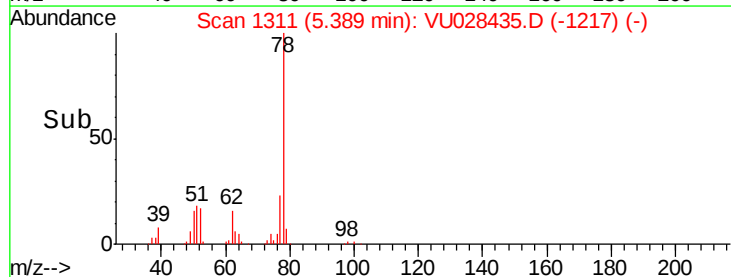
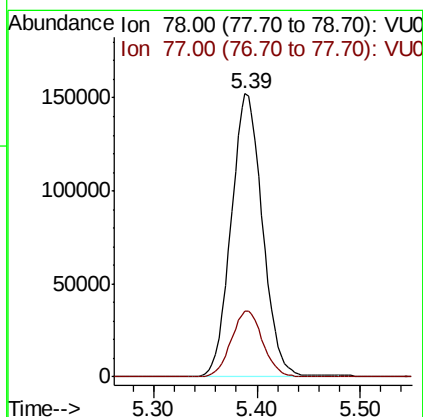
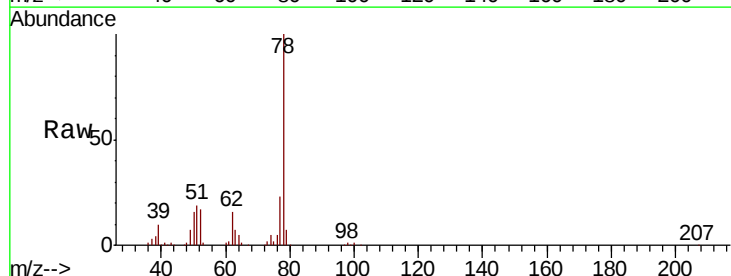
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

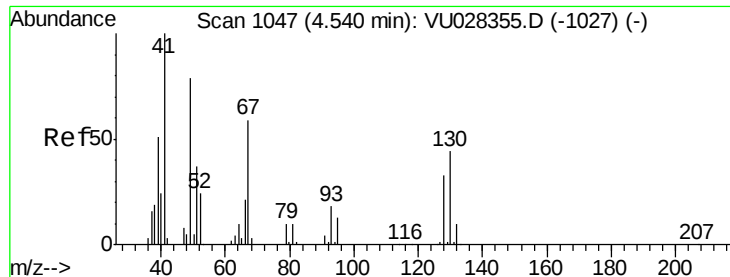
Tot Ion: 83 Resp: 124843
Ion Ratio Lower Upper
83 100
55 86.2 73.1 109.7
98 42.8 33.9 50.9



#40
Benzene
Concen: 19.104 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 78 Resp: 322312
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

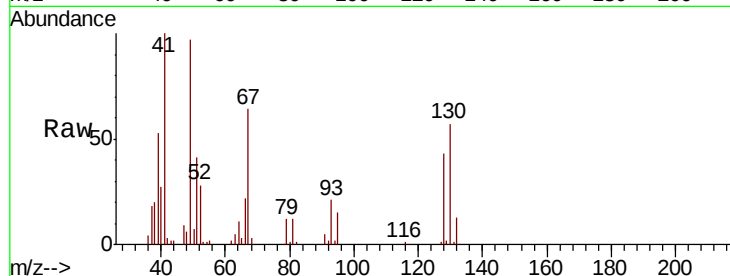




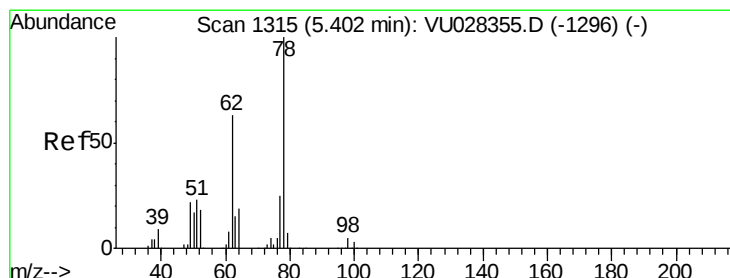
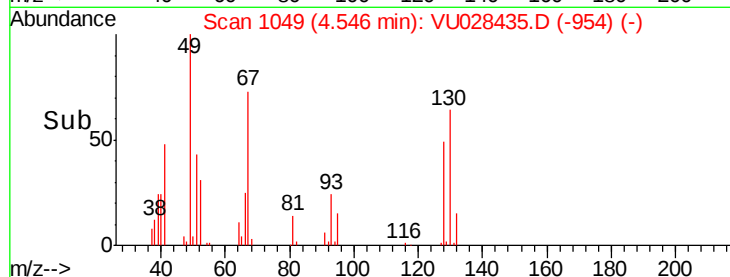
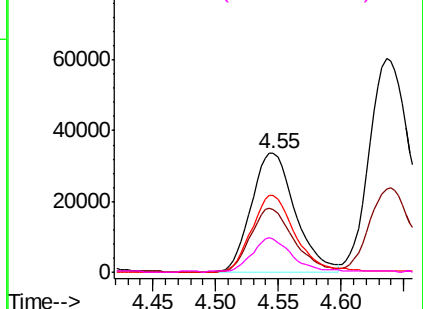
#41
Methacrylonitrile
Concen: 19.044 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.01 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion:	41	Resp:	82099
Ion	Ratio	Lower	Upper
41	100		
39	52.9	41.3	61.9
67	63.7	48.6	73.0
52	24.8	19.4	29.0

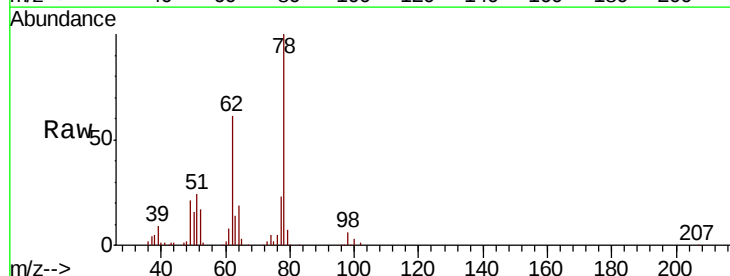


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

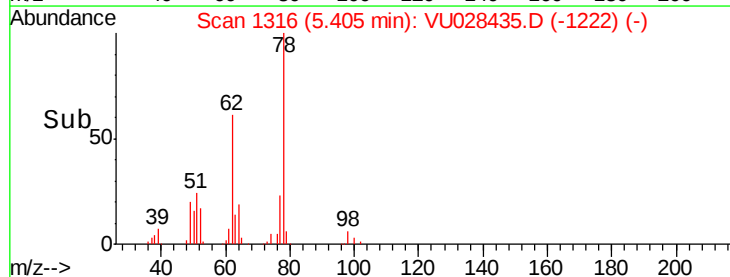
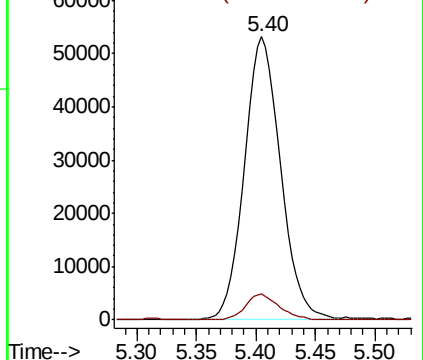


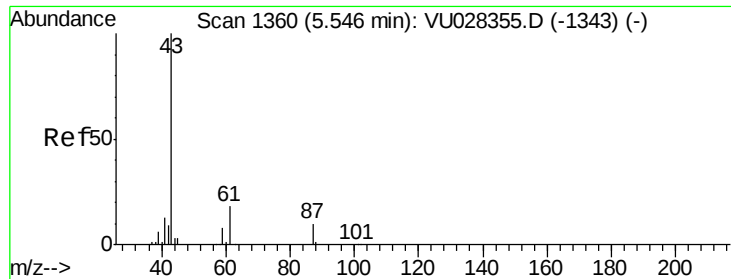
#42
1,2-Dichloroethane
Concen: 18.492 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion:	62	Resp:	112388
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 18.476 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

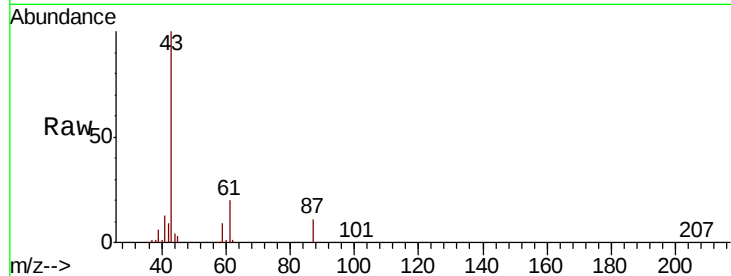
Tot Ion: 43 Resp: 227276

Ion Ratio Lower Upper

43 100

61 19.1 14.5 21.7

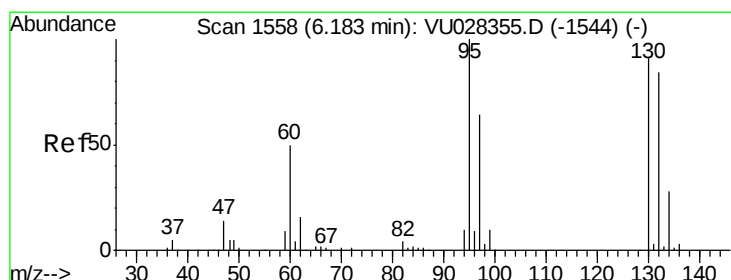
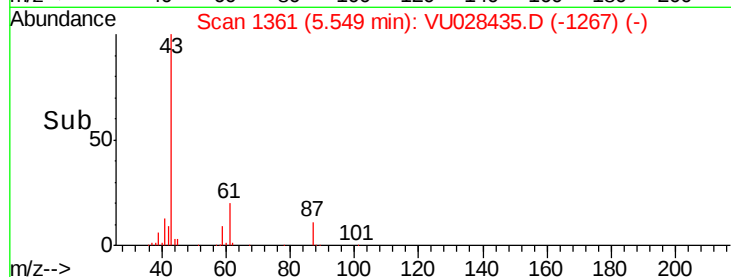
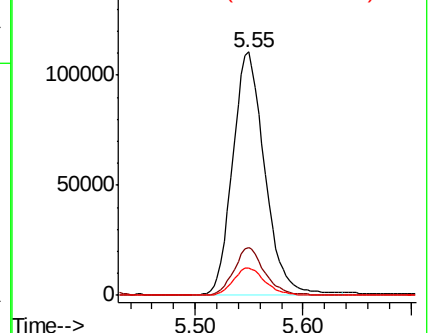
87 11.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU028355.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU028355.D (-1343) (-)



#44

Trichloroethene

Concen: 19.736 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028435.D

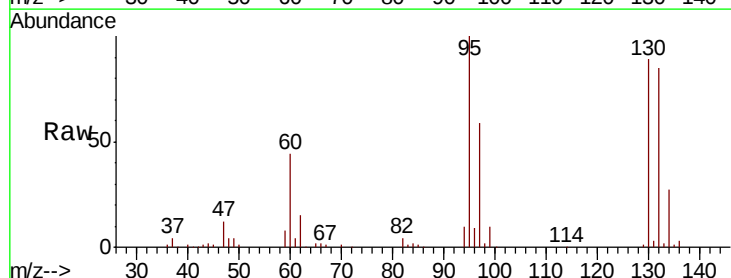
Acq: 03 Dec 2018 12:49

Tgt Ion:130 Resp: 71373

Ion Ratio Lower Upper

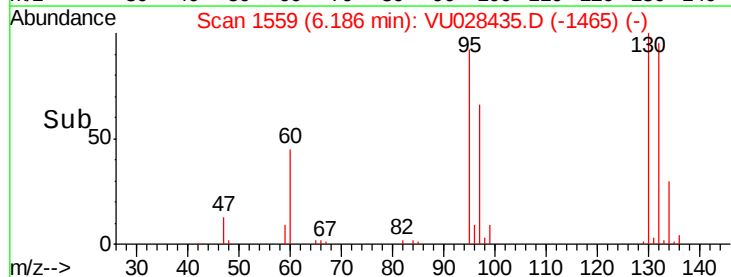
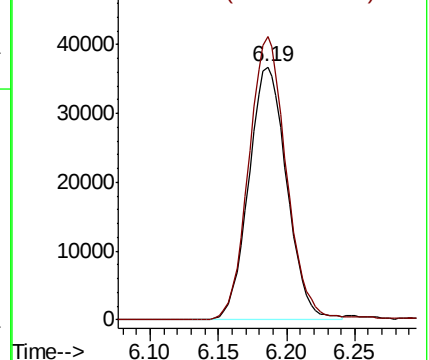
130 100

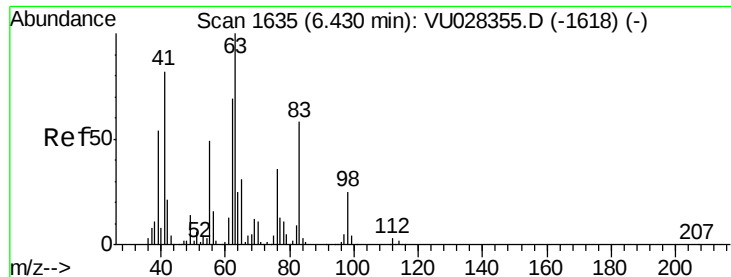
95 112.0 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): VU028355.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028355.D (-1544) (-)





#45

1,2-Dichloropropane

Concen: 18.635 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

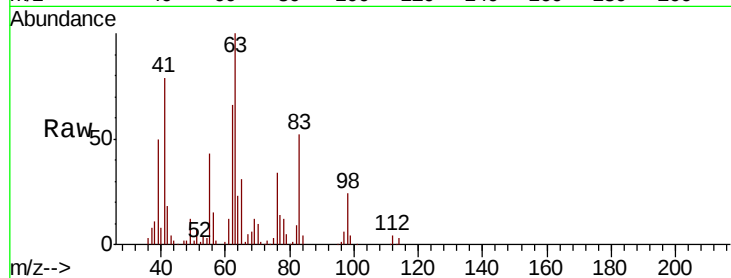
VU1203WBSD01

Tot Ion: 63 Resp: 92068

Ion Ratio Lower Upper

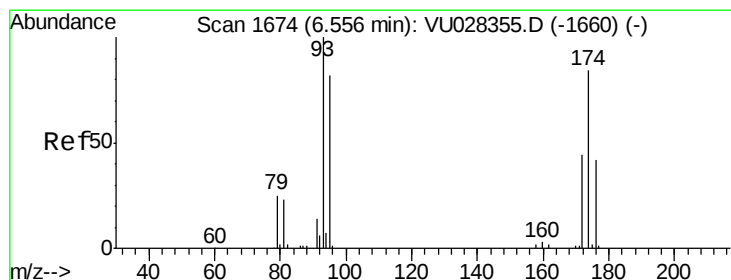
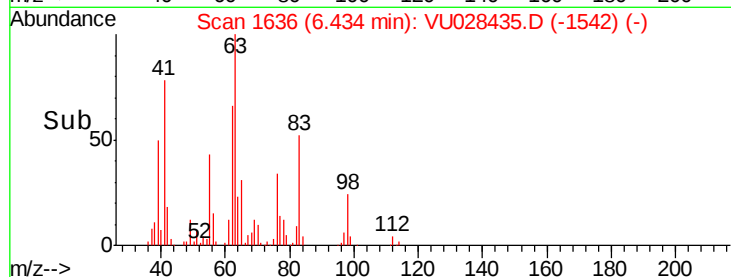
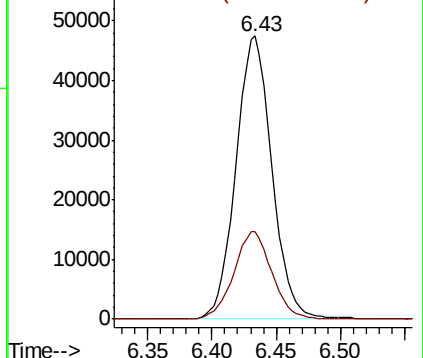
63 100

65 31.0 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 18.946 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

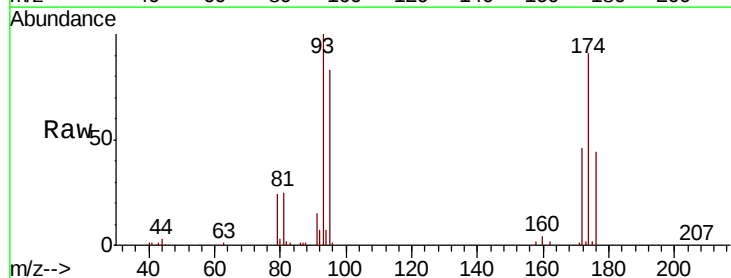
Tgt Ion: 93 Resp: 53765

Ion Ratio Lower Upper

93 100

95 84.9 65.1 97.7

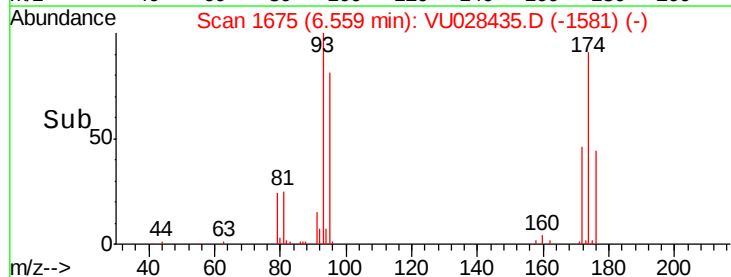
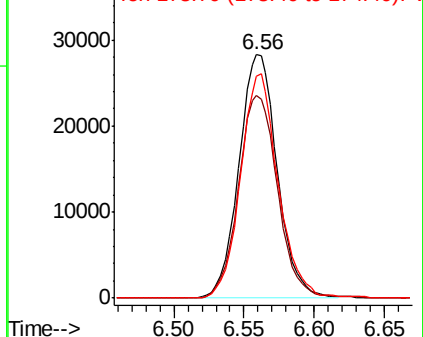
174 90.6 69.9 104.9

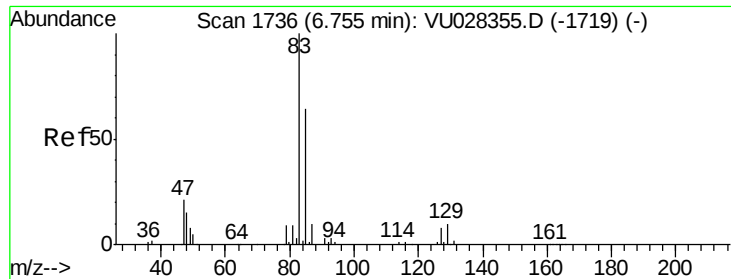


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.566 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

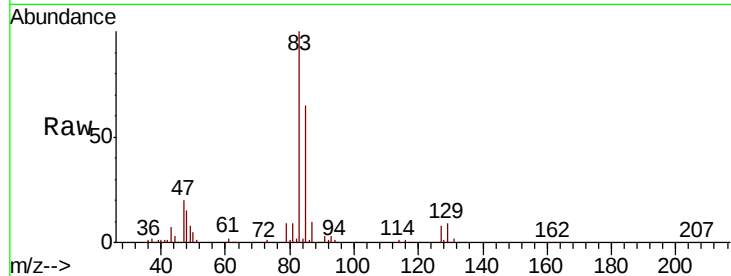
Tot Ion: 83 Resp: 104800

Ion Ratio Lower Upper

83 100

85 65.1 50.9 76.3

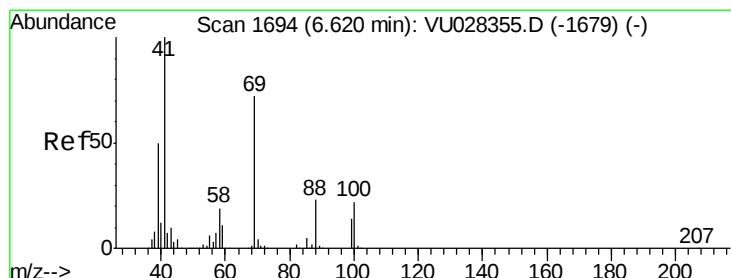
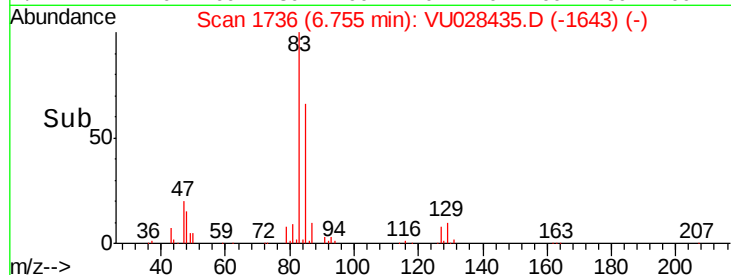
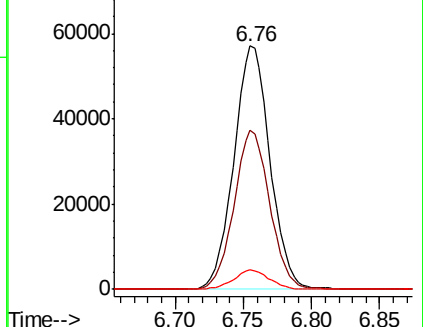
127 8.0 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU028355.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VU028355.D (-1719) (-)

Ion 126.80 (126.50 to 127.50): VU028355.D (-1719) (-)



#48

Methyl methacrylate

Concen: 18.015 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

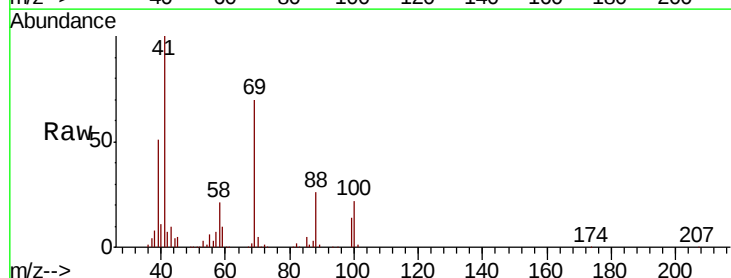
Tgt Ion: 41 Resp: 115435

Ion Ratio Lower Upper

41 100

69 74.7 59.0 88.4

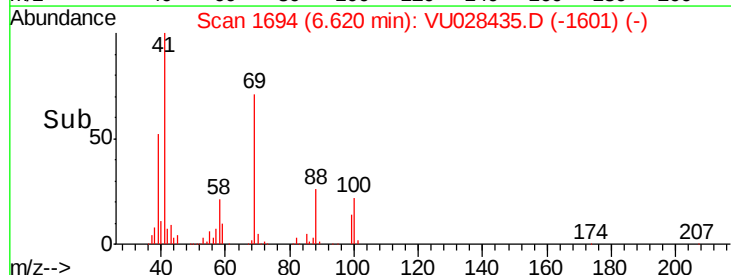
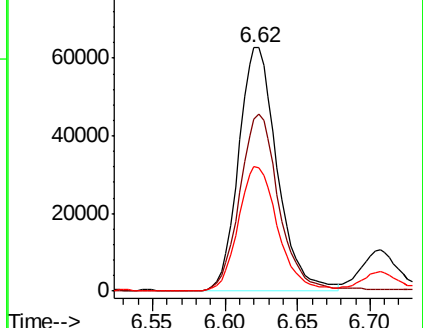
39 52.6 40.5 60.7

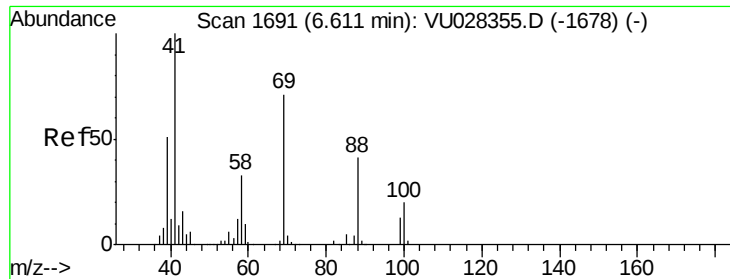


Abundance Ion 41.00 (40.70 to 41.70): VU028355.D (-1679) (-)

Ion 69.00 (68.70 to 69.70): VU028355.D (-1679) (-)

Ion 39.00 (38.70 to 39.70): VU028355.D (-1679) (-)

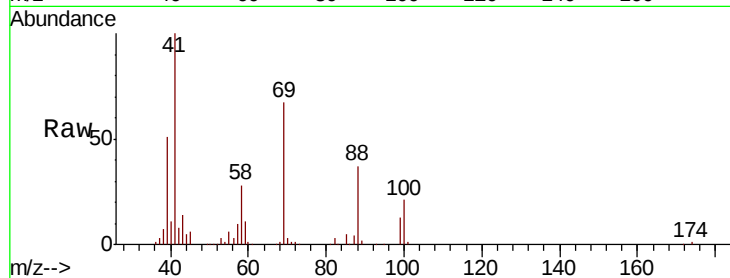




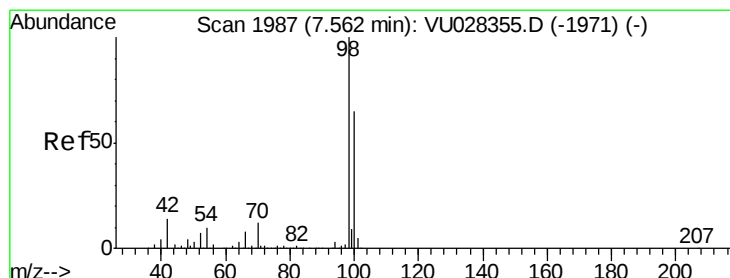
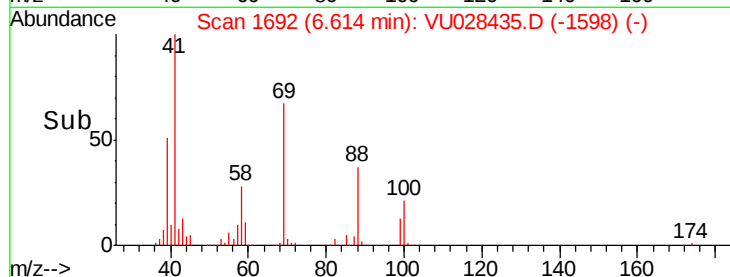
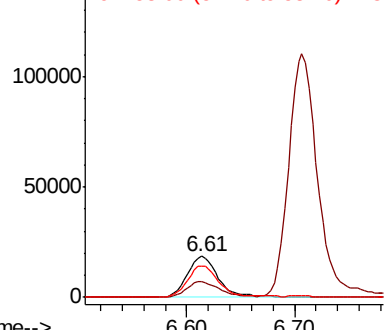
#49
1,4-Dioxane
Concen: 365.064 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion: 88 Resp: 37370
Ion Ratio Lower Upper
88 100
43 38.3 32.6 48.8
58 77.3 68.7 103.1

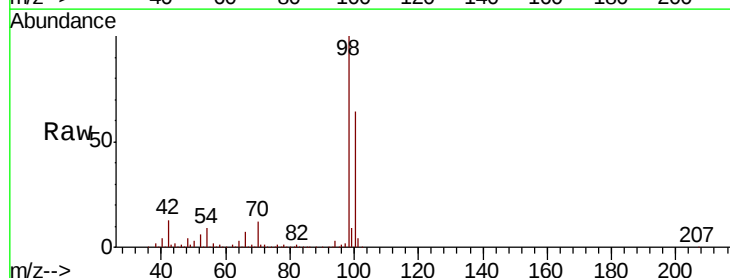


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

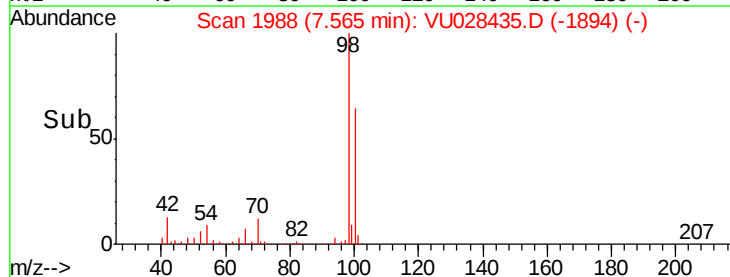
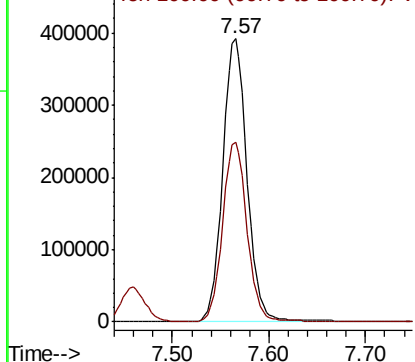


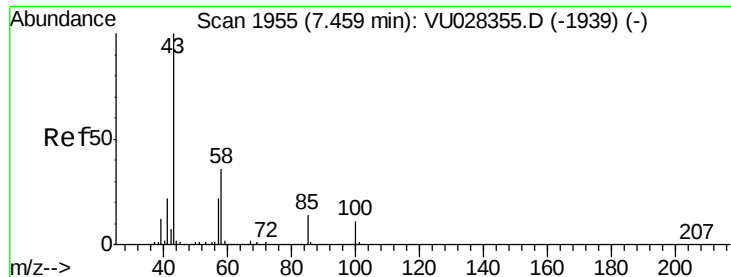
#50
Toluene-d8
Concen: 49.504 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 98 Resp: 685303
Ion Ratio Lower Upper
98 100
100 63.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

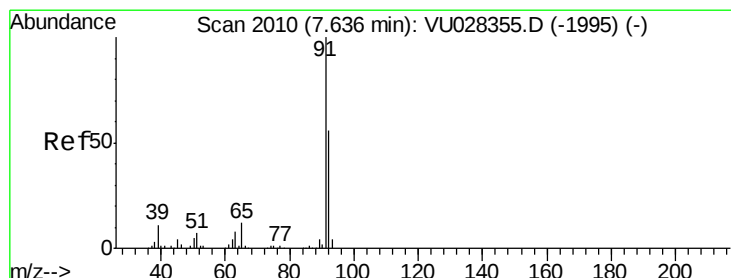
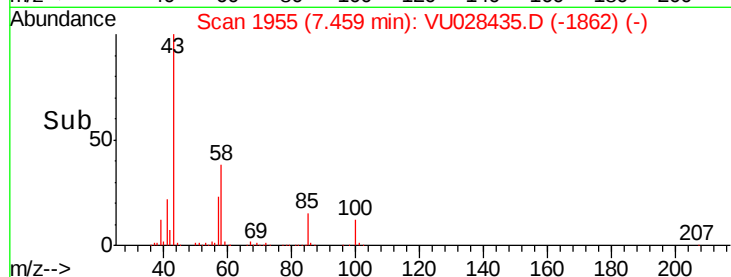
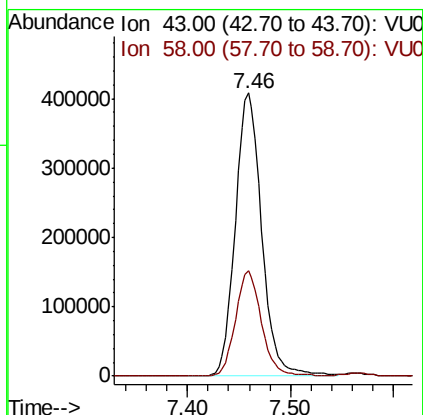
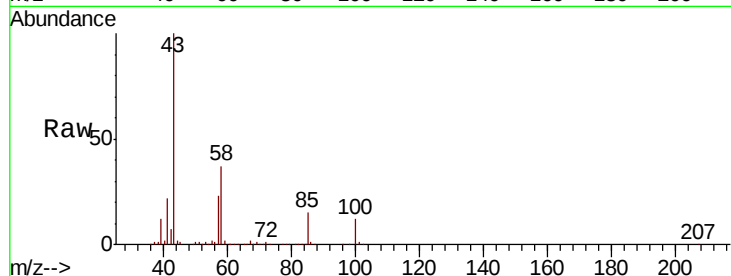




#51
 4-Methyl-2-Pentanone
 Concen: 92.573 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

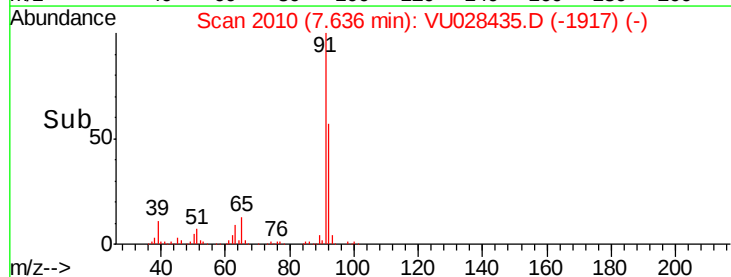
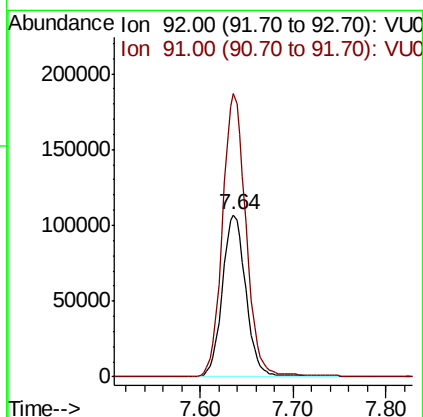
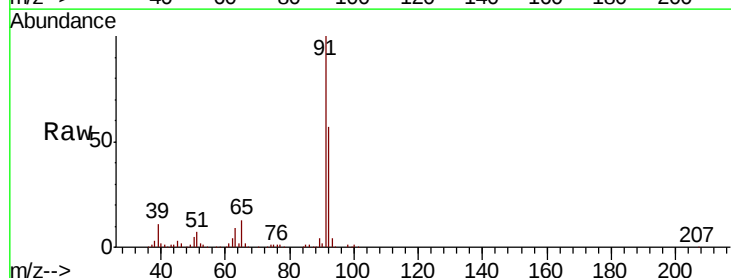
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

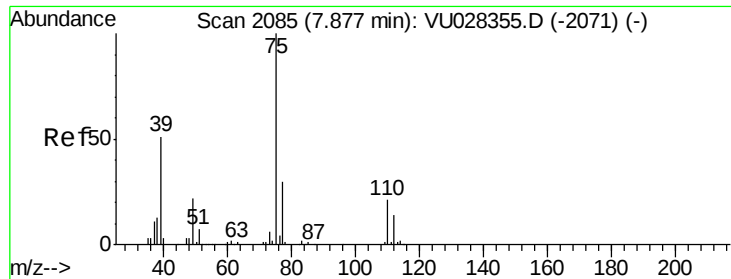
Tot Ion: 43 Resp: 727313
 Ion Ratio Lower Upper
 43 100
 58 36.8 28.8 43.2



#52
 Toluene
 Concen: 19.453 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

Tgt Ion: 92 Resp: 188987
 Ion Ratio Lower Upper
 92 100
 91 172.5 141.8 212.6





#53

t-1,3-Dichloropropene

Concen: 18.190 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

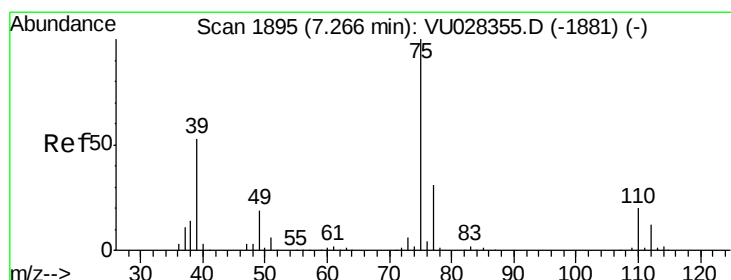
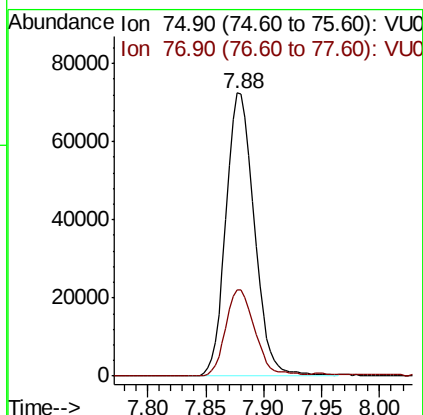
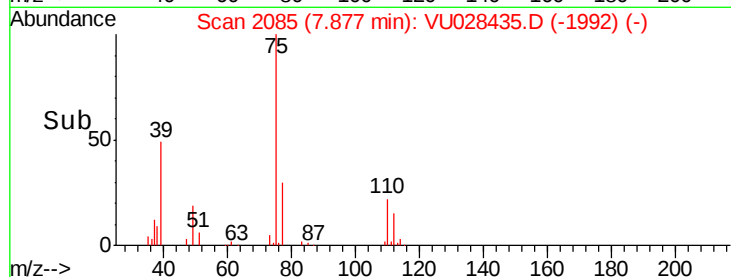
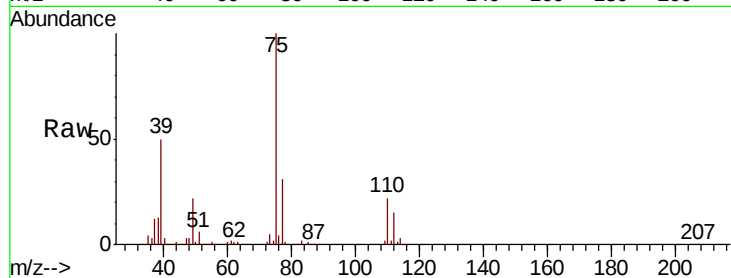
VU1203WBSD01

Tot Ion: 75 Resp: 122778

Ion Ratio Lower Upper

75 100

77 30.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.541 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

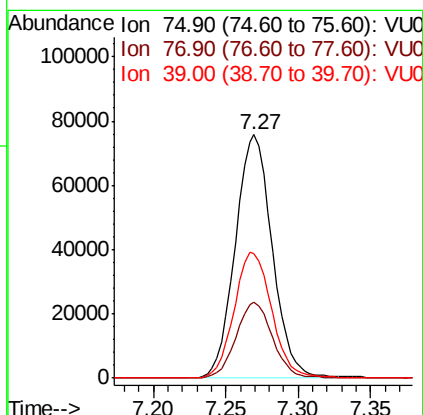
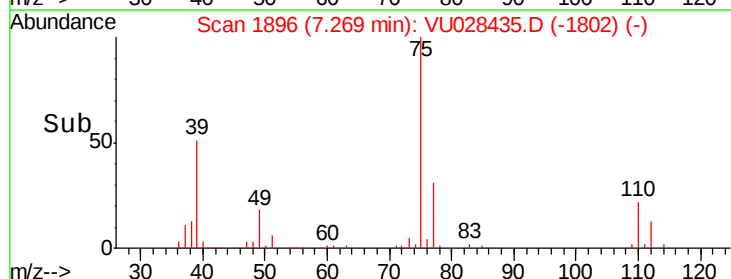
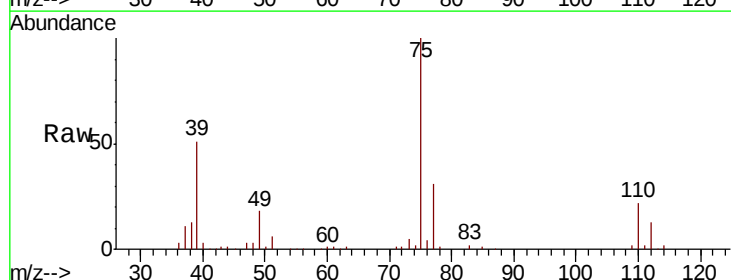
Tgt Ion: 75 Resp: 134069

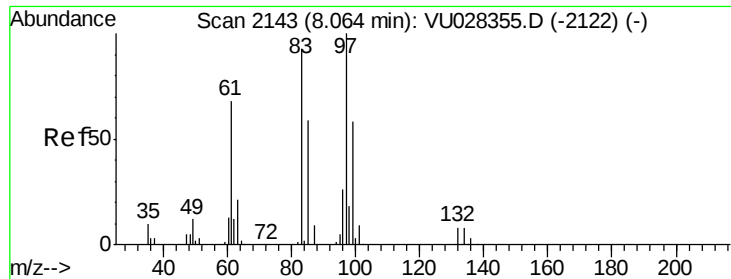
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 50.9 42.6 64.0

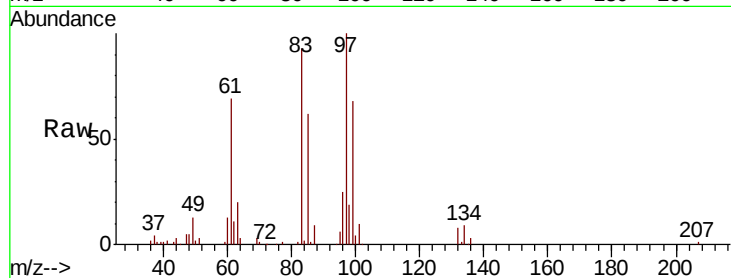




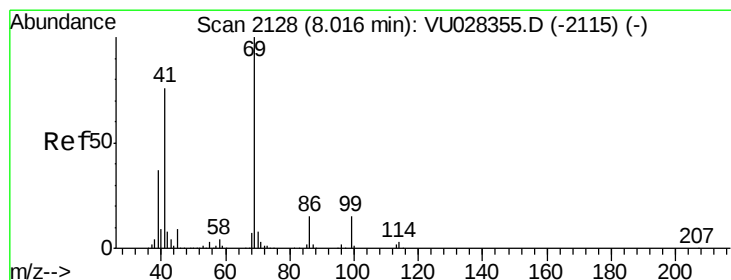
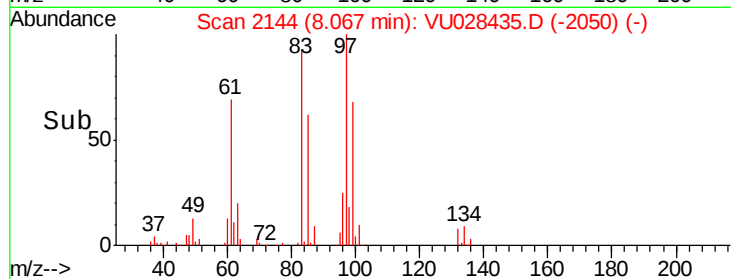
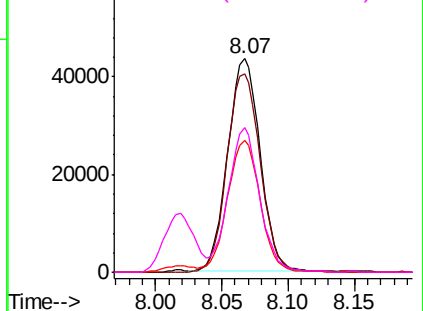
#55
 1,1,2-Trichloroethane
 Concen: 18.358 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

Tot Ion:	97	Resp:	74227
Ion	Ratio	Lower	Upper
97	100		
83	93.3	74.3	111.5
85	61.8	47.2	70.8
99	68.2	48.9	73.3

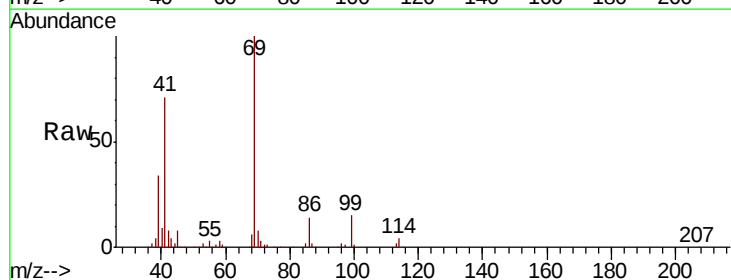


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

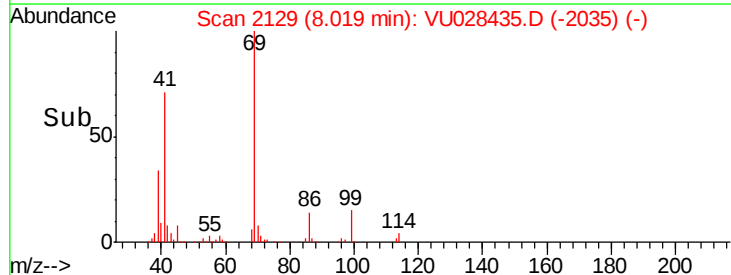
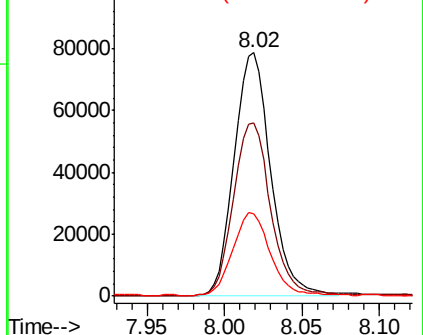


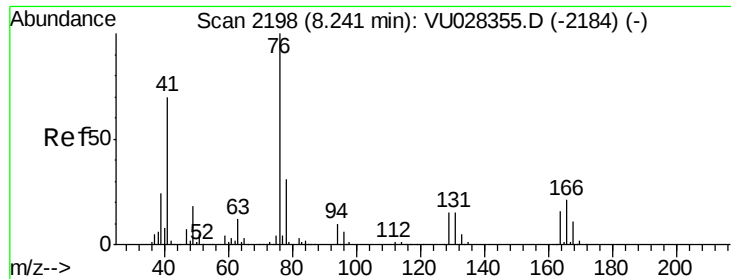
#56
 Ethyl methacrylate
 Concen: 18.805 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

Tgt Ion:	69	Resp:	129355
Ion	Ratio	Lower	Upper
69	100		
41	72.5	60.0	90.0
39	34.3	29.0	43.6



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

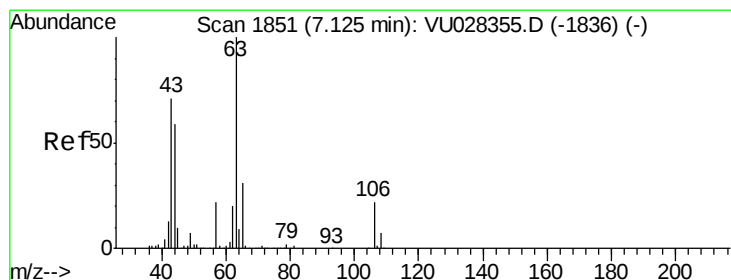
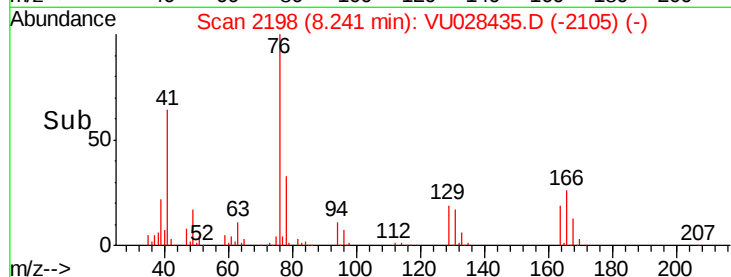
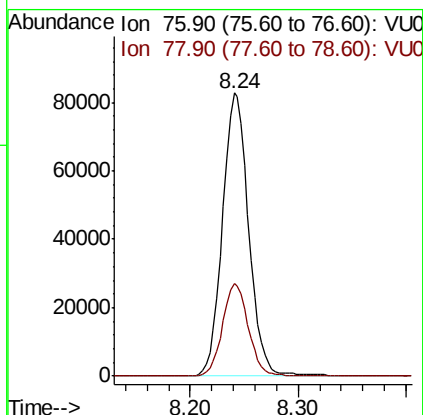
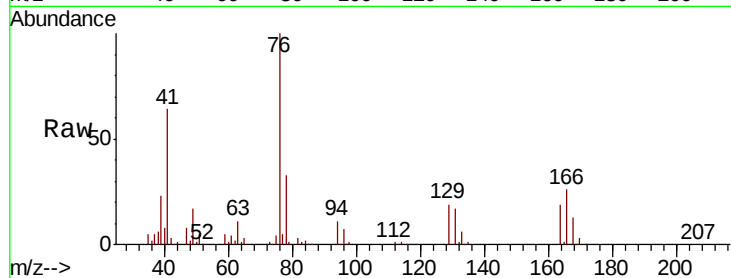




#57
 1,3-Dichloropropane
 Concen: 18.856 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

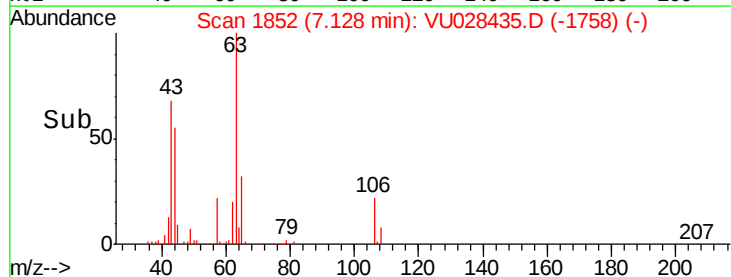
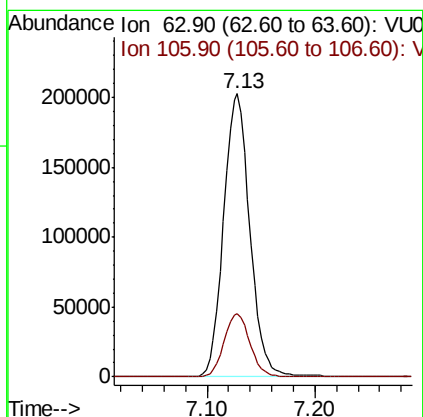
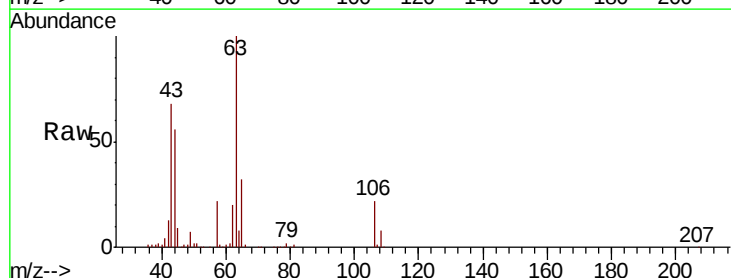
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

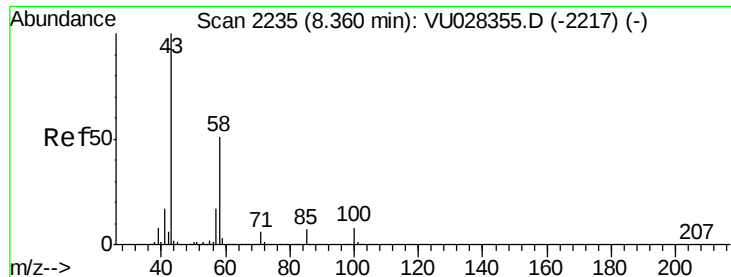
Tot Ion: 76 Resp: 139811
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.881 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

Tgt Ion: 63 Resp: 343014
 Ion Ratio Lower Upper
 63 100
 106 22.1 17.3 25.9

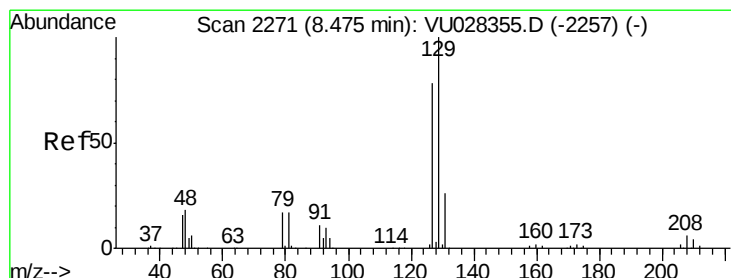
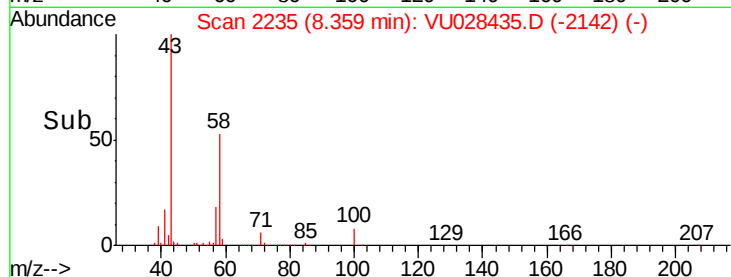
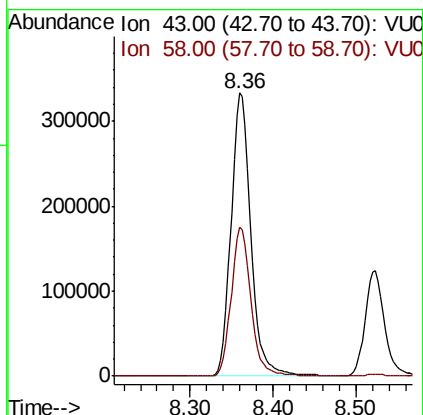
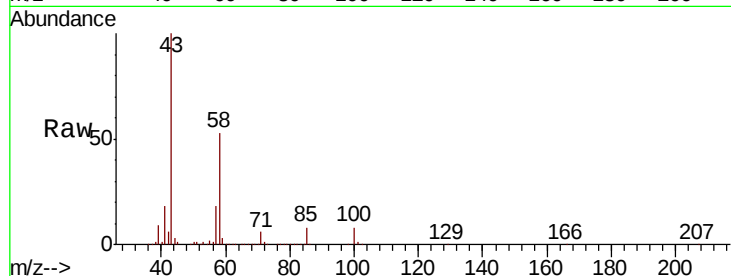




#59
2-Hexanone
Concen: 91.393 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

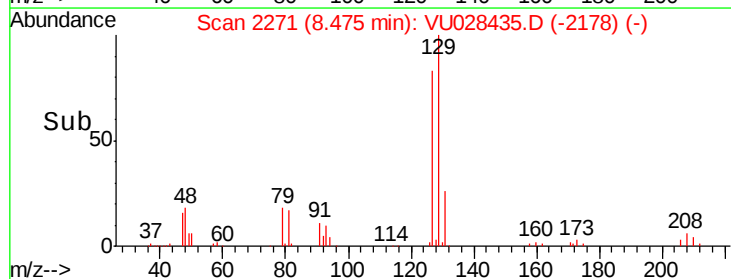
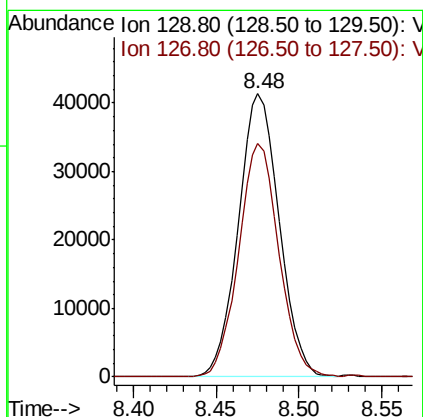
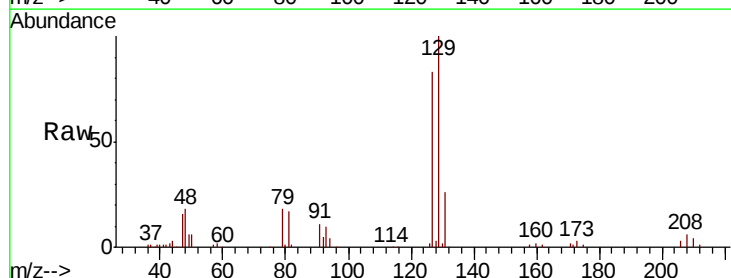
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

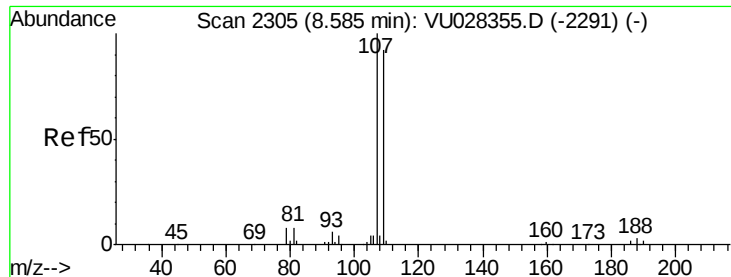
Tot Ion: 43 Resp: 556196
Ion Ratio Lower Upper
43 100
58 52.3 25.5 76.5



#60
Dibromochloromethane
Concen: 18.449 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 129 Resp: 70944
Ion Ratio Lower Upper
129 100
127 81.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.539 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

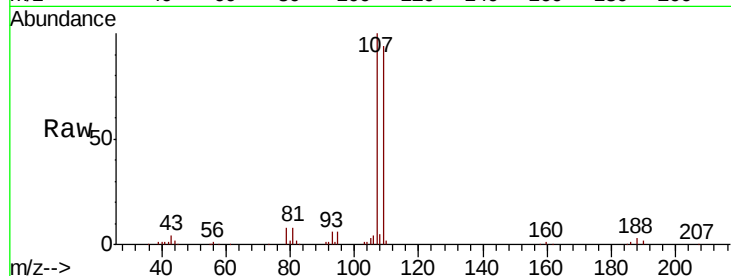
VU1203WBSD01

Tot Ion:107 Resp: 80915

Ion Ratio Lower Upper

107 100

109 93.3 73.2 109.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

50000

40000

30000

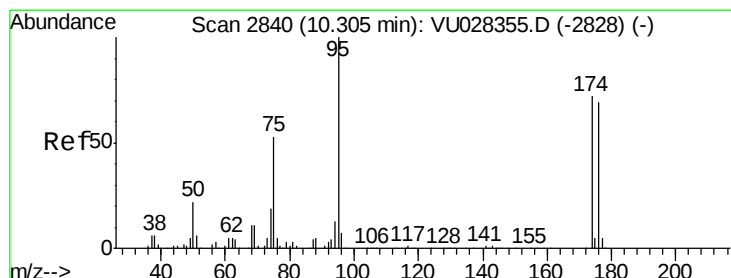
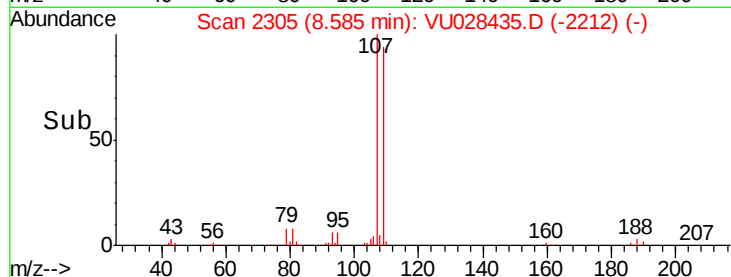
20000

10000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 50.635 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

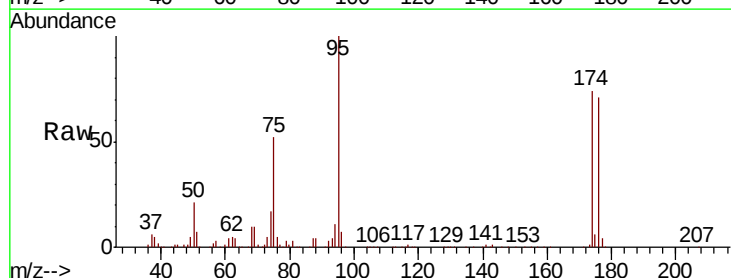
Tgt Ion: 95 Resp: 252644

Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.4

176 72.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

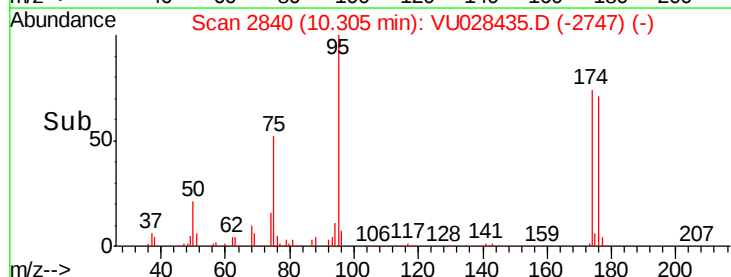
100000

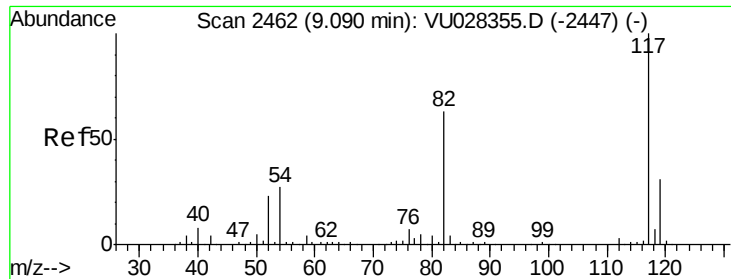
50000

0

10.20 10.30 10.40

Time-->

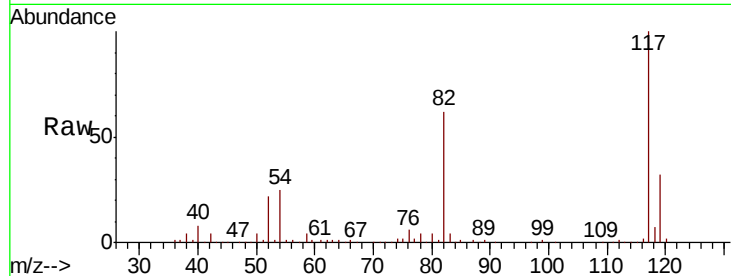




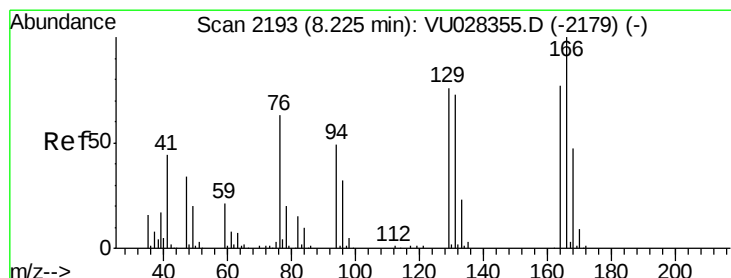
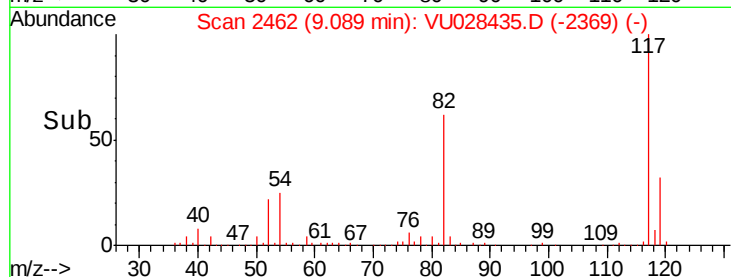
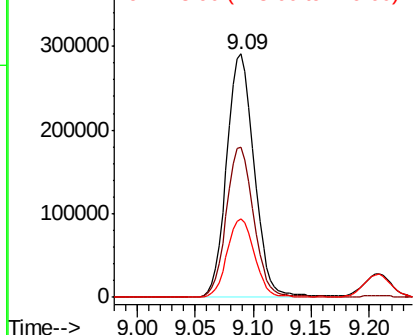
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion:117 Resp: 480388
Ion Ratio Lower Upper
117 100
82 61.5 50.3 75.5
119 32.2 24.8 37.2

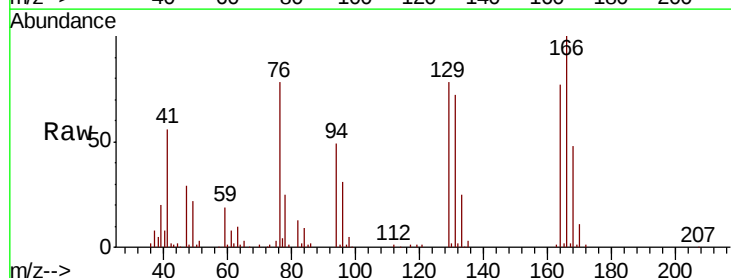


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

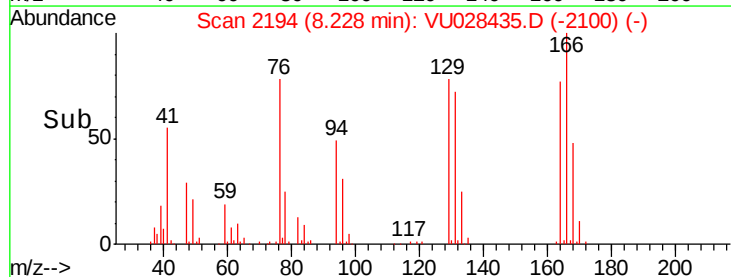
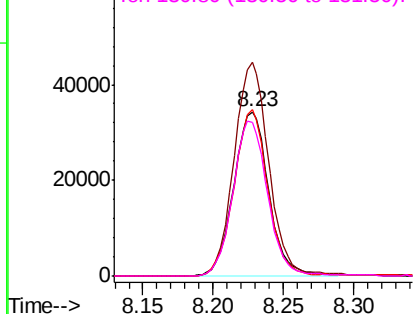


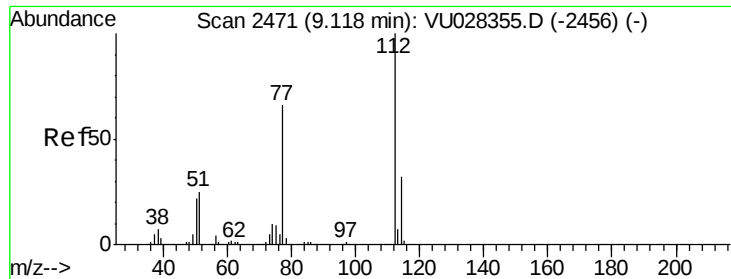
#64
Tetrachloroethene
Concen: 18.915 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion:164 Resp: 59770
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 101.3 79.2 118.8
131 93.7 75.7 113.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

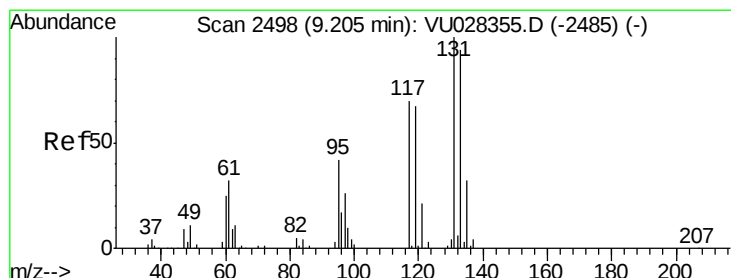
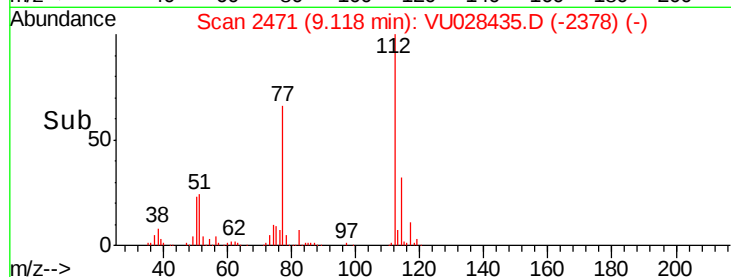
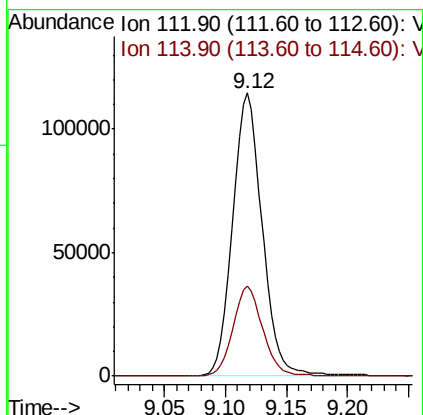
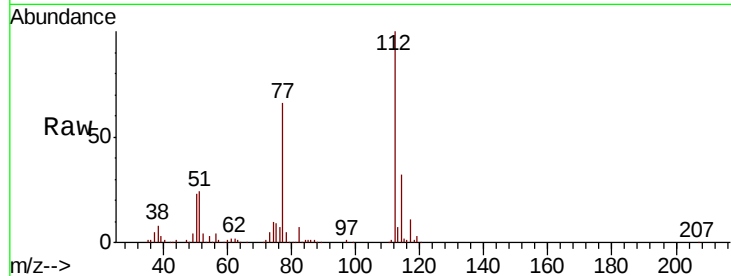




#65
Chlorobenzene
Concen: 19.369 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

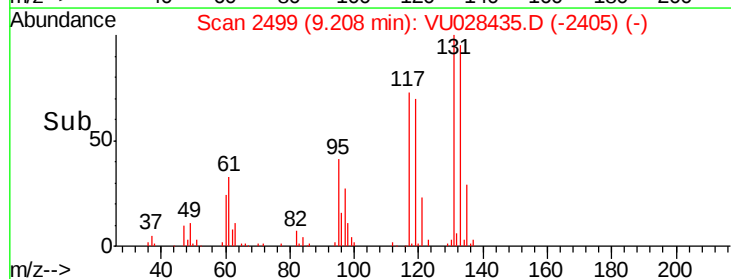
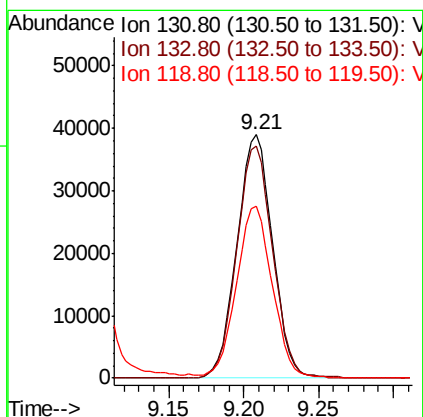
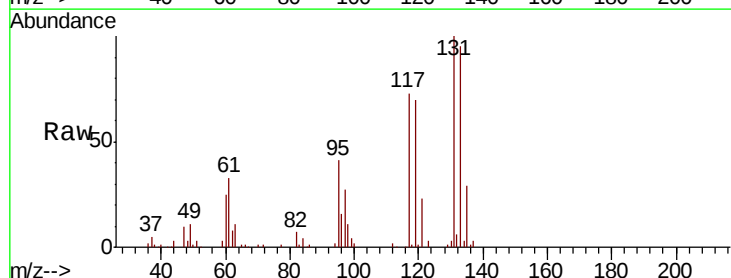
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

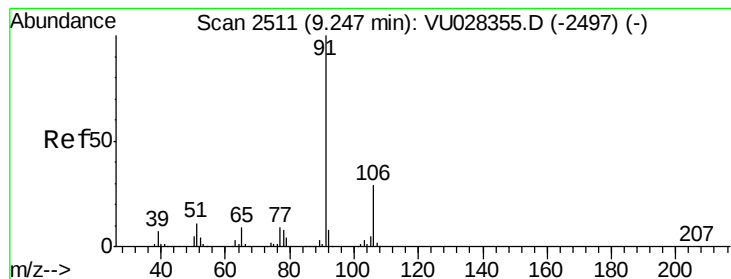
Tot Ion:112 Resp: 193200
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.912 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion:131 Resp: 64661
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 70.6 34.1 102.2





#67

Ethyl Benzene

Concen: 19.051 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

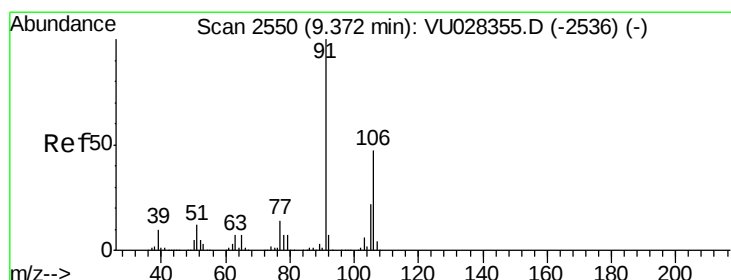
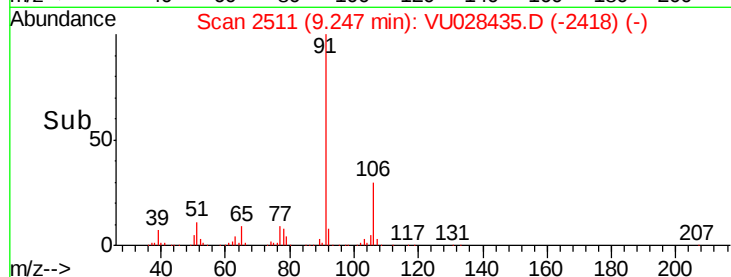
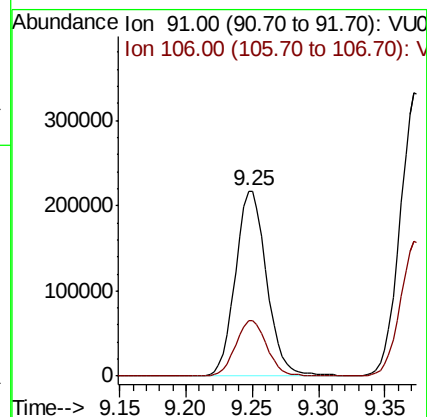
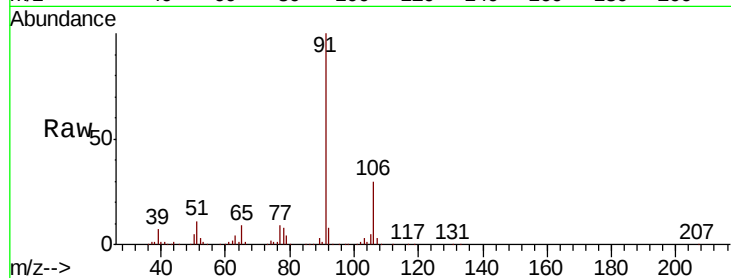
VU1203WBSD01

Tot Ion: 91 Resp: 357903

Ion Ratio Lower Upper

91 100

106 29.9 23.3 34.9



#68

m/p-Xylenes

Concen: 39.020 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028435.D

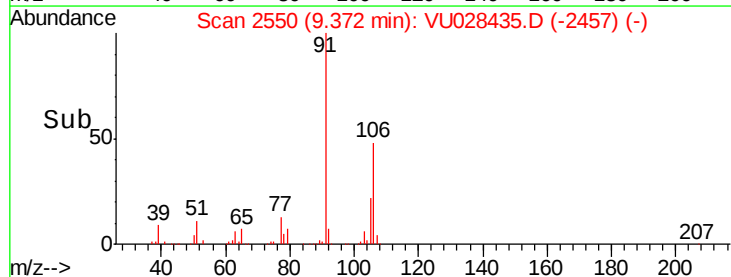
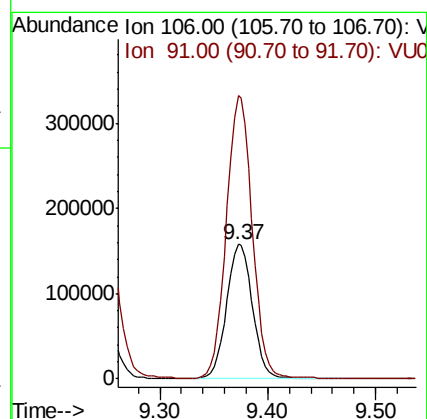
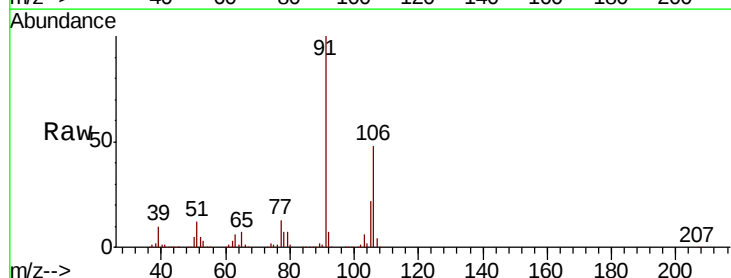
Acq: 03 Dec 2018 12:49

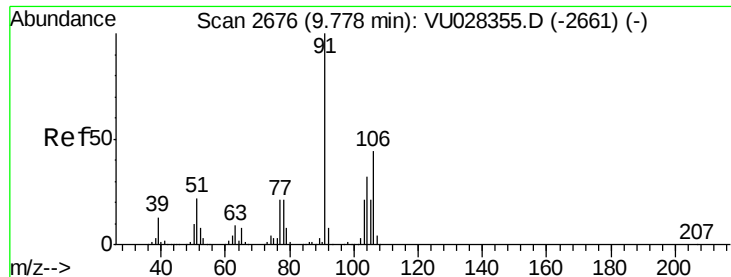
Tgt Ion: 106 Resp: 263857

Ion Ratio Lower Upper

106 100

91 208.2 171.0 256.6

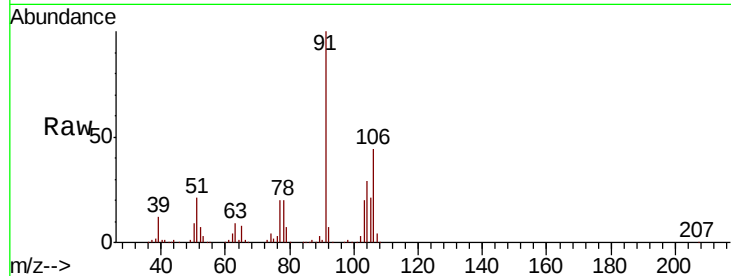




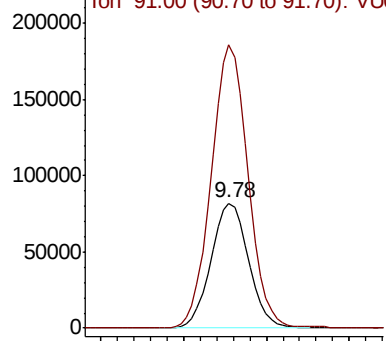
#69
o-Xylene
Concen: 19.217 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

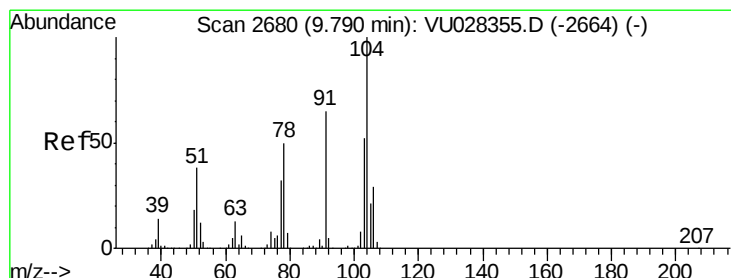
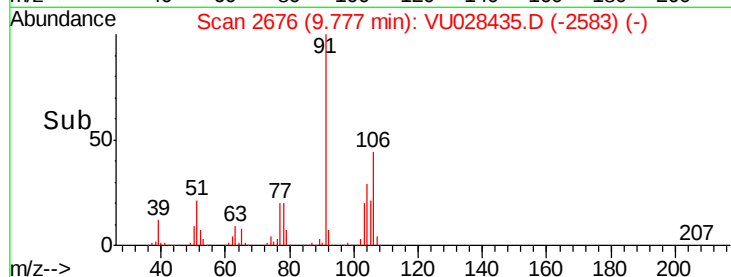
Tot Ion:106 Resp: 129177
Ion Ratio Lower Upper
106 100
91 222.8 112.7 338.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

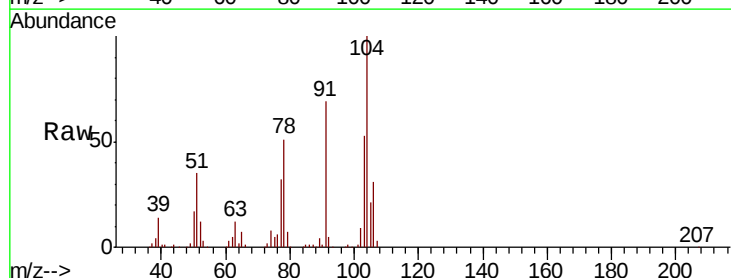


Time-->

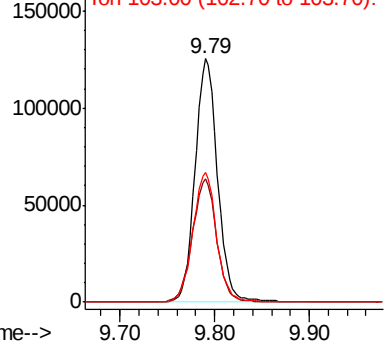


#70
Styrene
Concen: 19.109 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

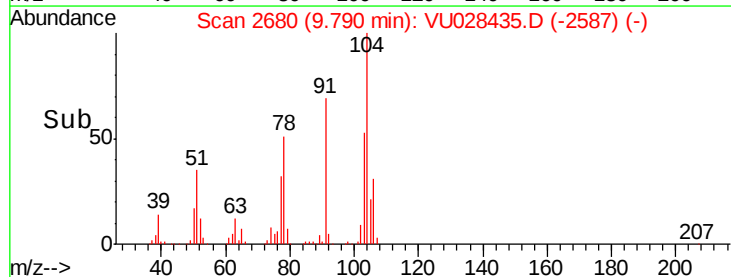
Tgt Ion:104 Resp: 207172
Ion Ratio Lower Upper
104 100
78 54.5 43.3 64.9
103 55.9 44.8 67.2

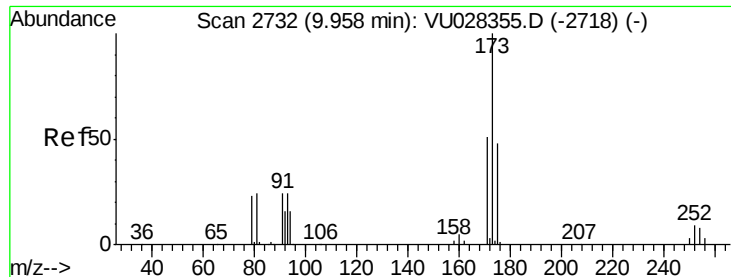


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 18.881 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

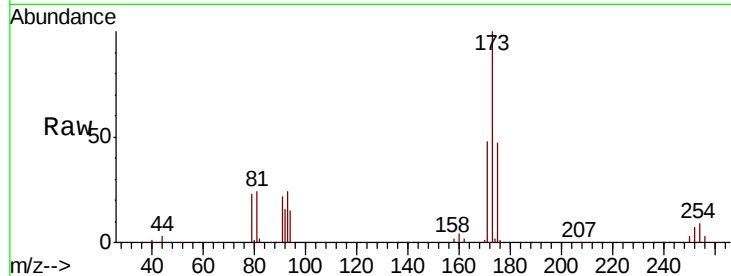
Tot Ion:173 Resp: 54262

Ion Ratio Lower Upper

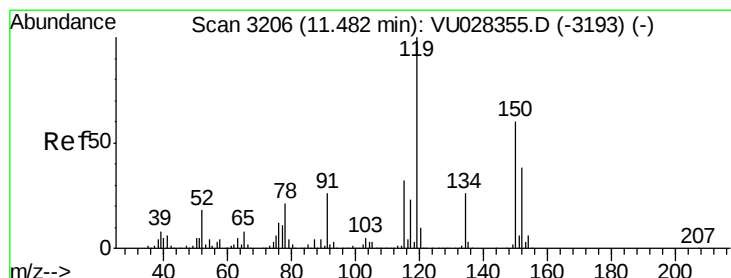
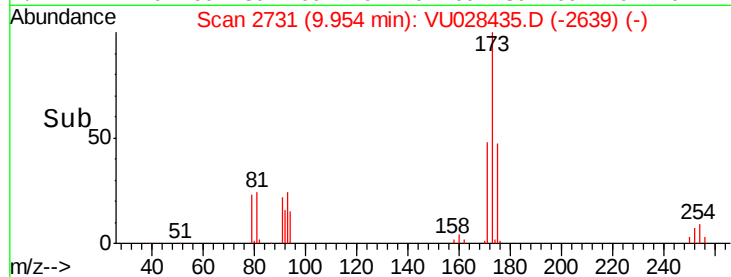
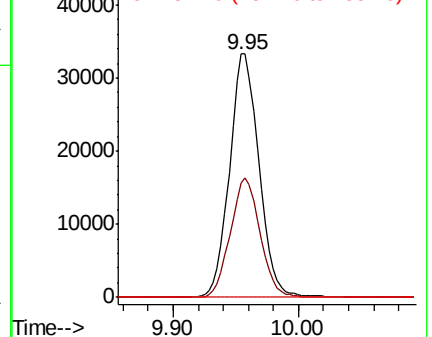
173 100

175 49.2 24.1 72.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

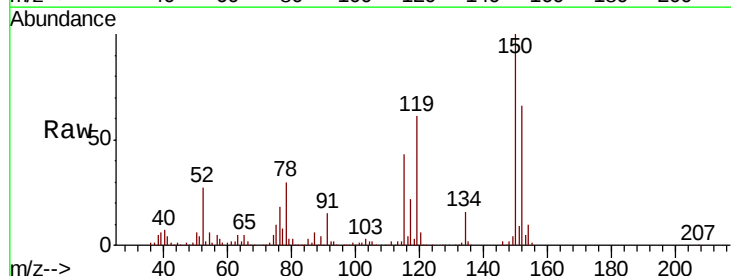
Tgt Ion:152 Resp: 237435

Ion Ratio Lower Upper

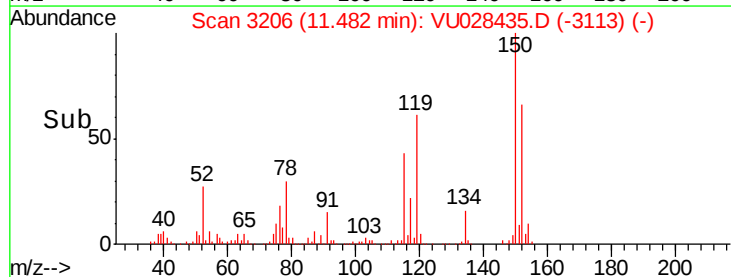
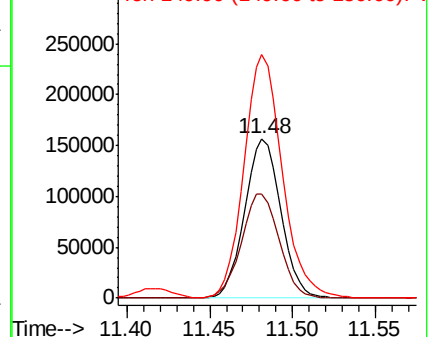
152 100

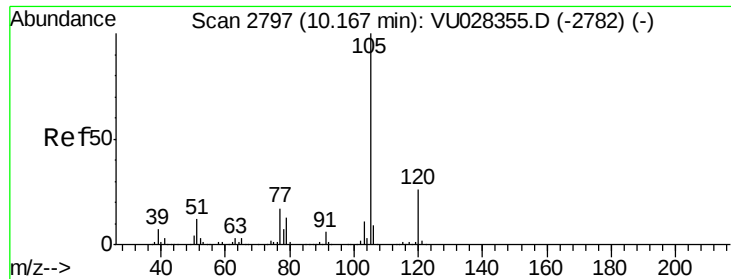
115 68.5 45.0 134.8

150 161.1 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.313 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

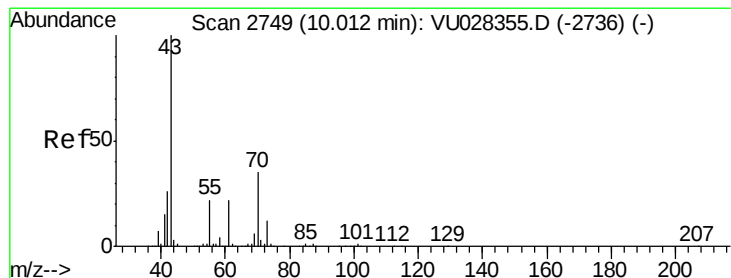
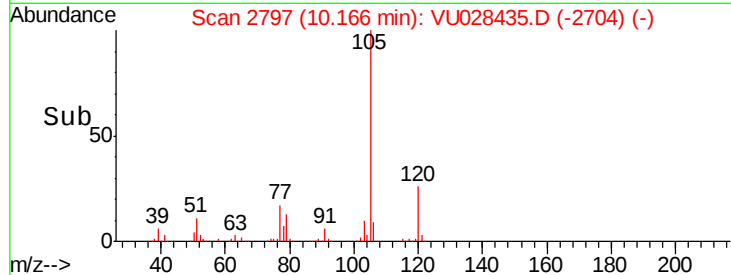
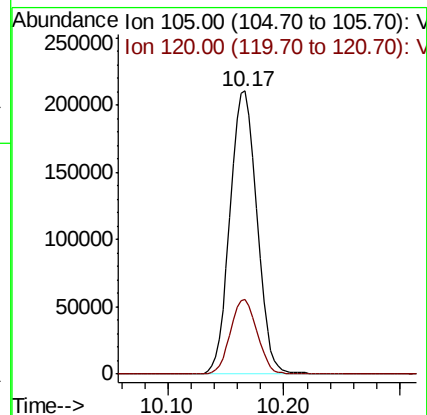
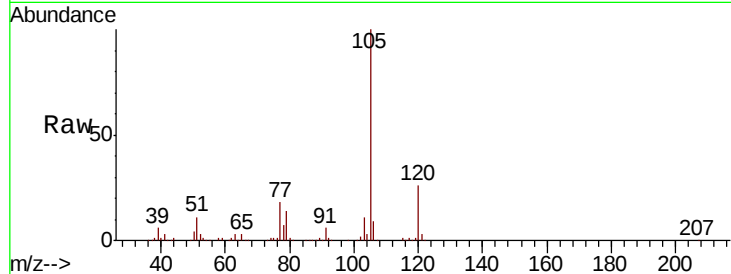
VU1203WBSD01

Tot Ion:105 Resp: 338172

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



#74

N-ethyl acetate

Concen: 16.839 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Tgt Ion: 43 Resp: 194832

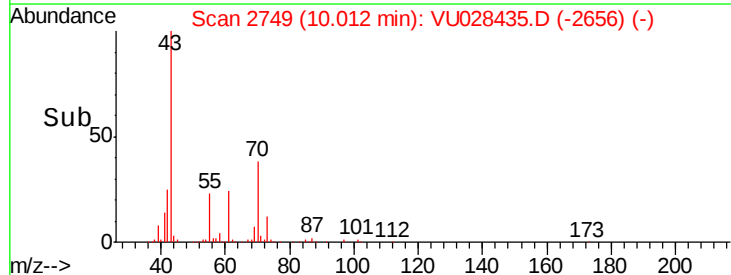
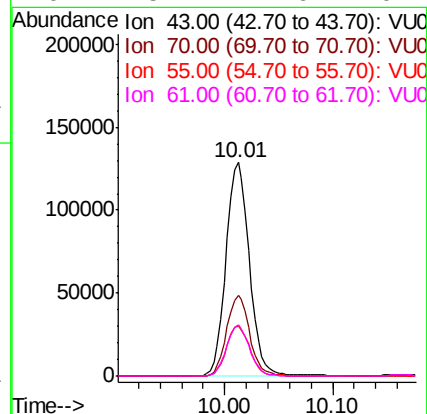
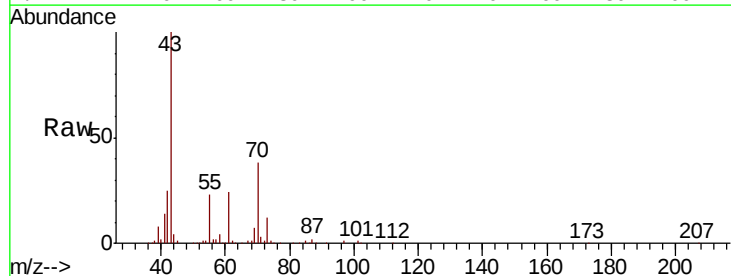
Ion Ratio Lower Upper

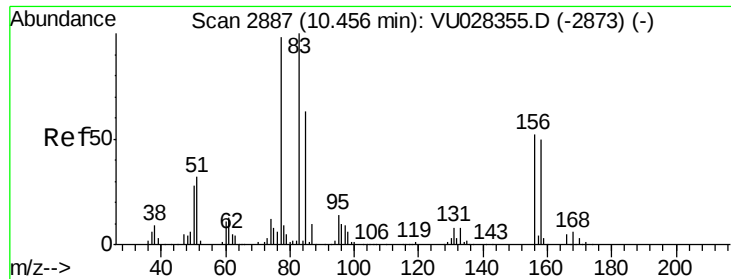
43 100

70 37.0 28.4 42.6

55 23.4 18.0 27.0

61 23.4 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.770 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

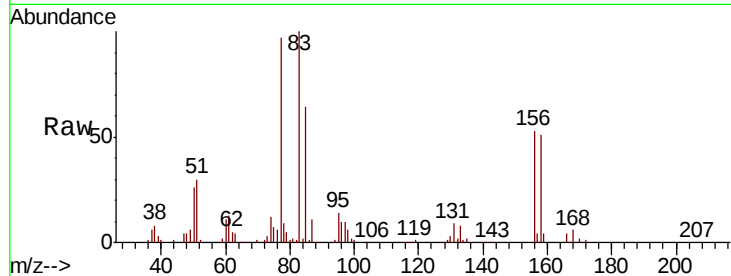
Tot Ion: 83 Resp: 134945

Ion Ratio Lower Upper

83 100

131 8.5 4.0 12.2

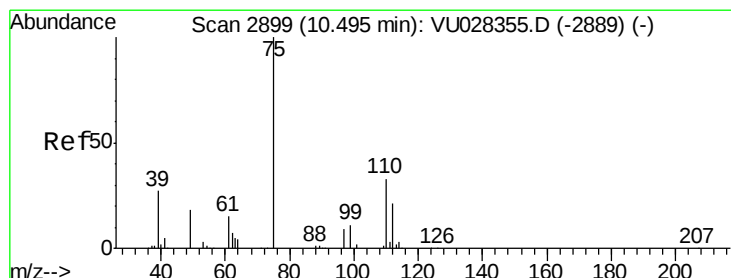
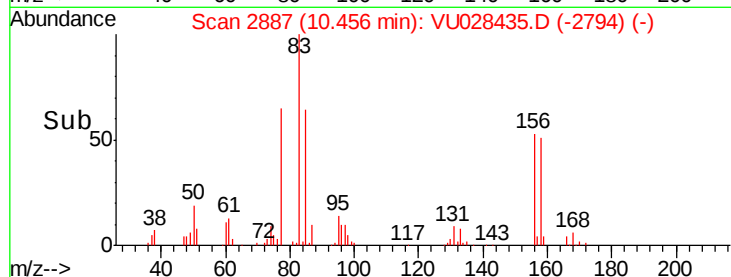
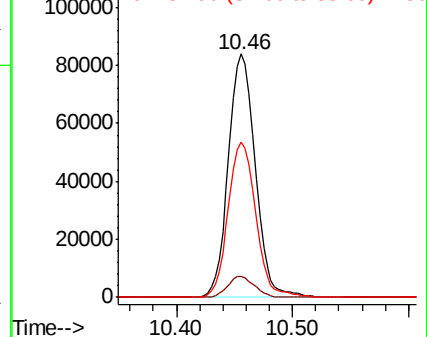
85 65.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 24.235 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU028435.D

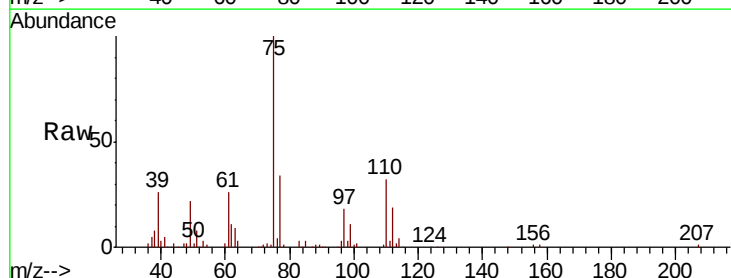
Acq: 03 Dec 2018 12:49

Tgt Ion: 75 Resp: 159567

Ion Ratio Lower Upper

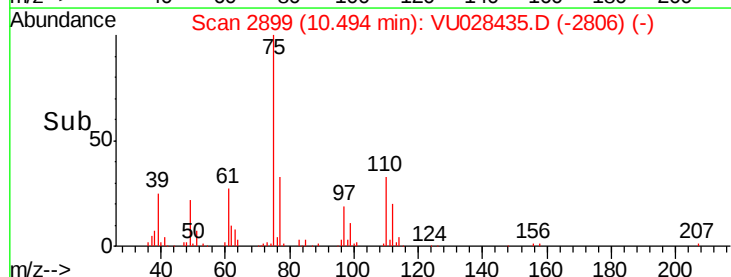
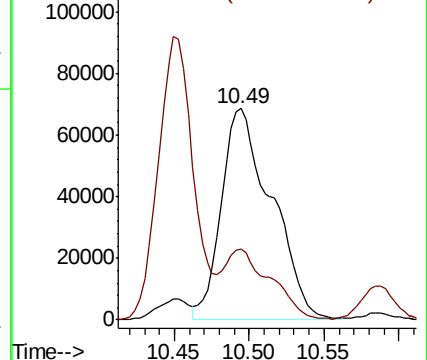
75 100

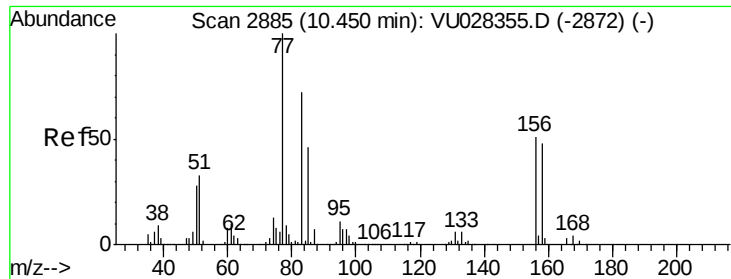
77 30.9 22.4 67.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 18.056 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

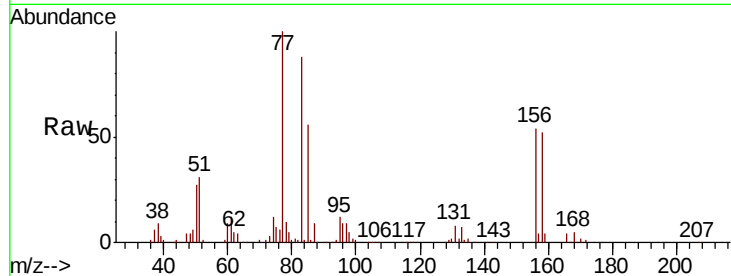
Tot Ion:156 Resp: 78566

Ion Ratio Lower Upper

156 100

77 192.6 97.0 290.9

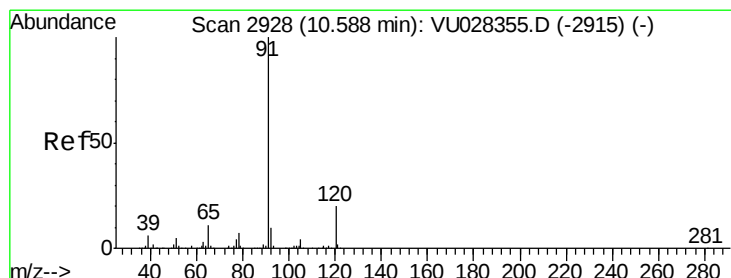
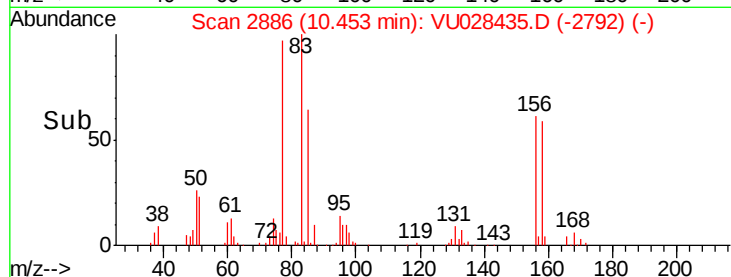
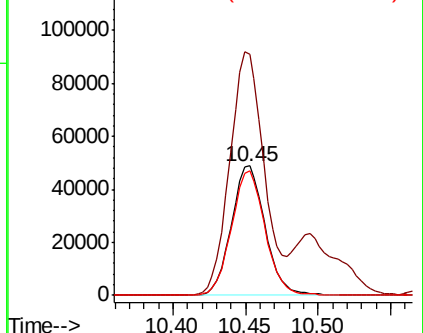
158 96.2 46.8 140.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.508 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028435.D

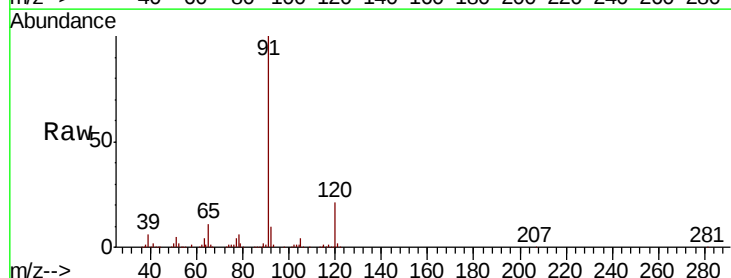
Acq: 03 Dec 2018 12:49

Tgt Ion: 91 Resp: 421618

Ion Ratio Lower Upper

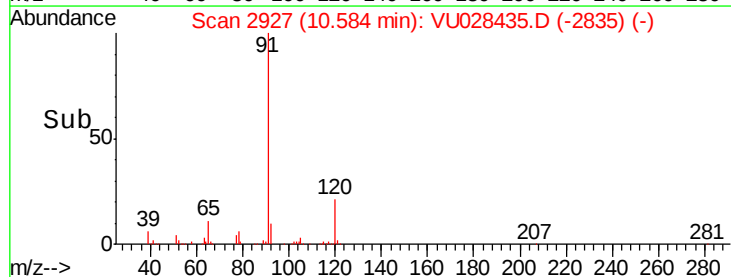
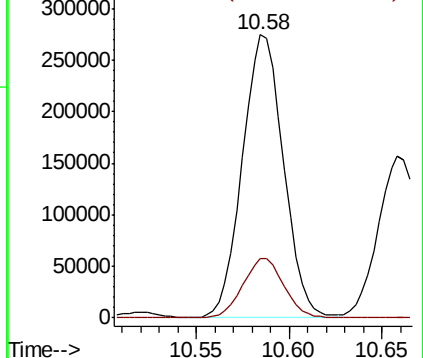
91 100

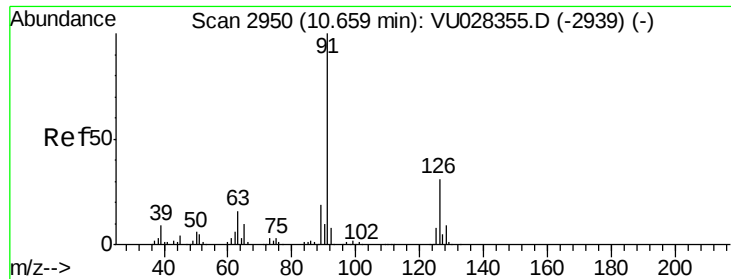
120 21.0 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

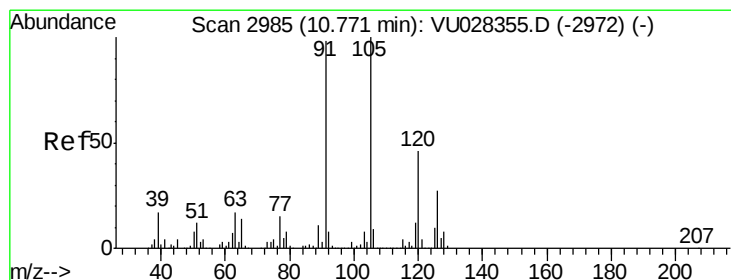
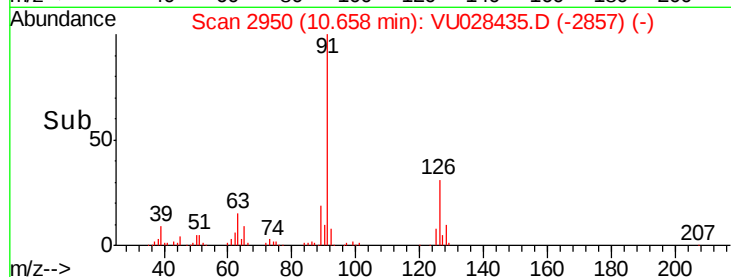
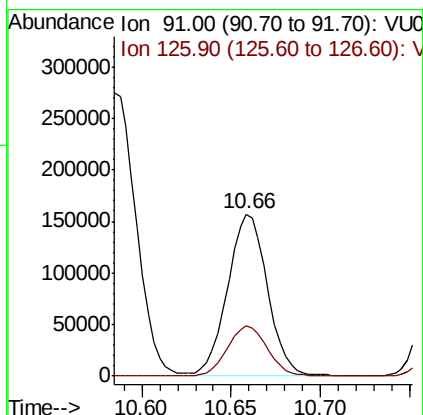
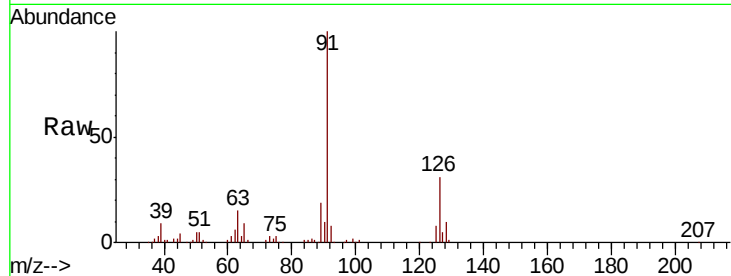




#79
 2-Chlorotoluene
 Concen: 18.025 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

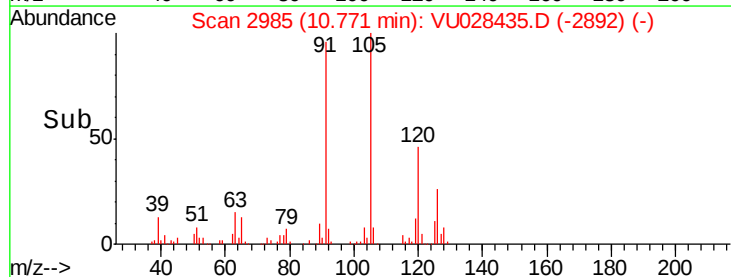
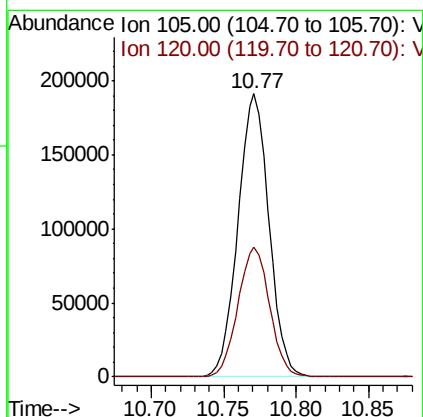
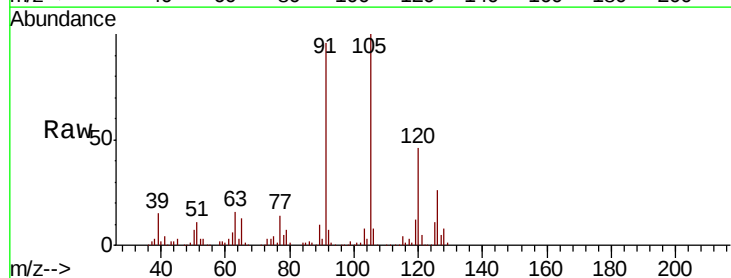
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

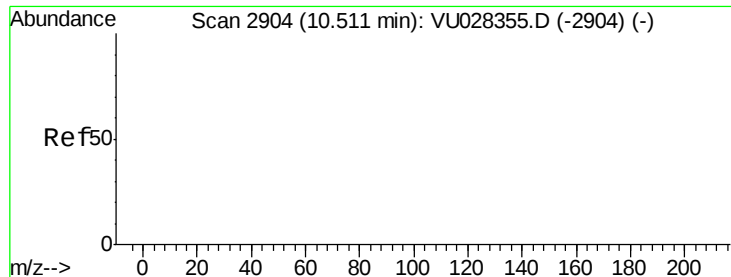
Tot Ion: 91 Resp: 242070
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.4 46.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.248 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028435.D
 Acq: 03 Dec 2018 12:49

Tgt Ion: 105 Resp: 283977
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.327 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

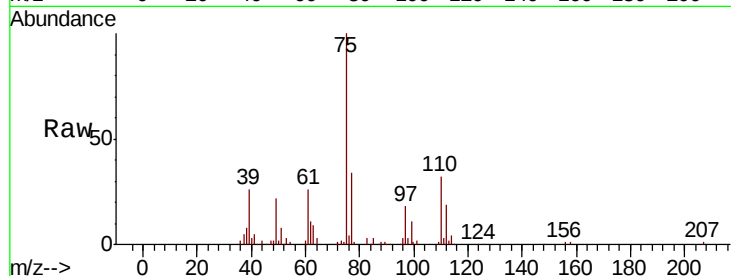
Tot Ion: 75 Resp: 159558

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

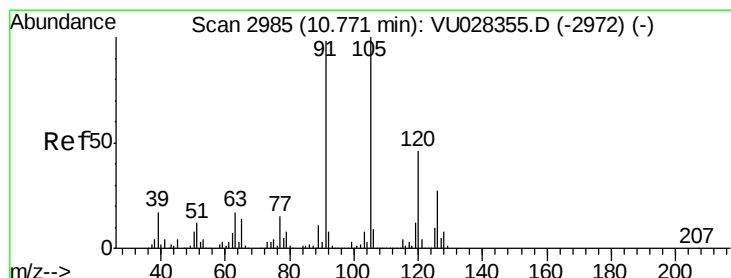
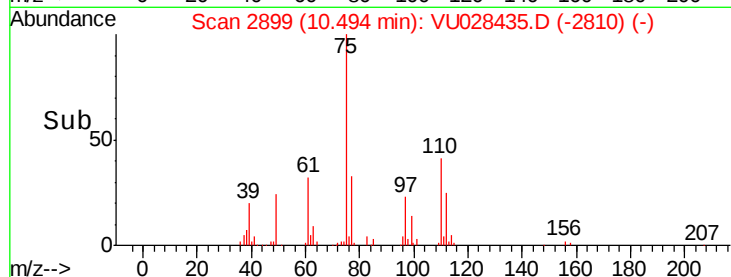
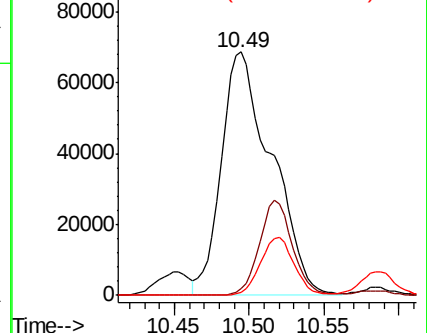
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 18.086 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028435.D

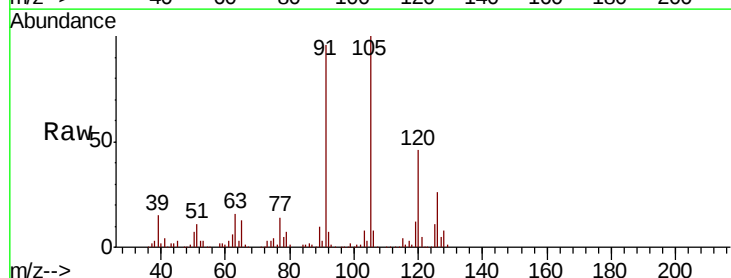
Acq: 03 Dec 2018 12:49

Tgt Ion: 91 Resp: 279836

Ion Ratio Lower Upper

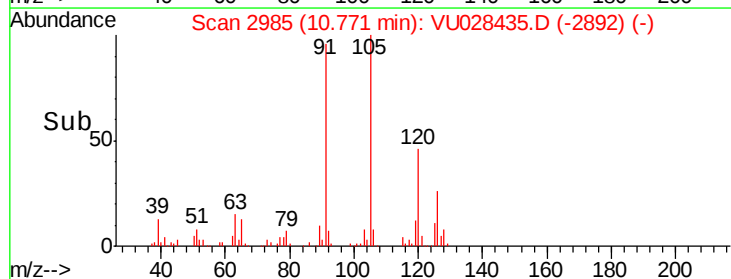
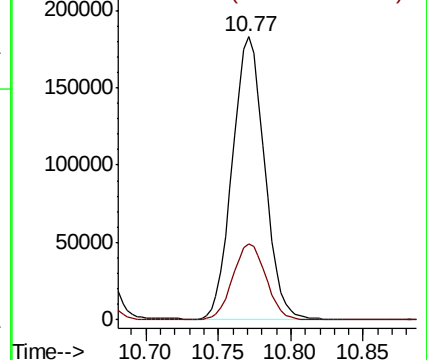
91 100

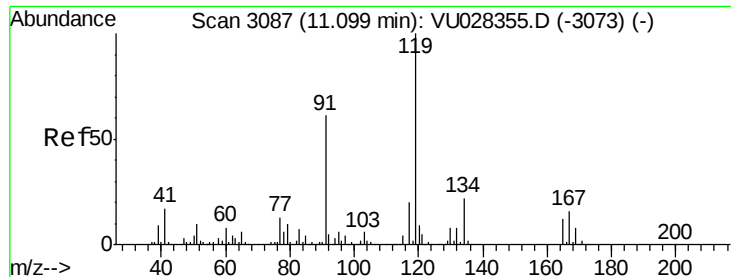
126 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

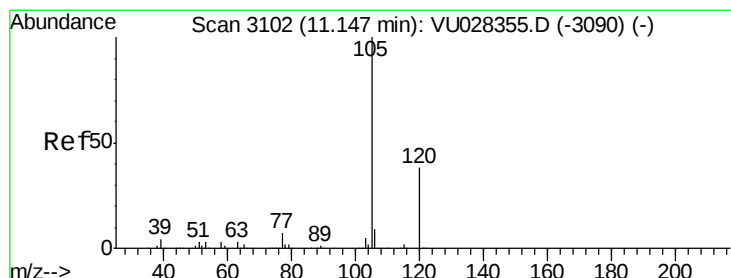
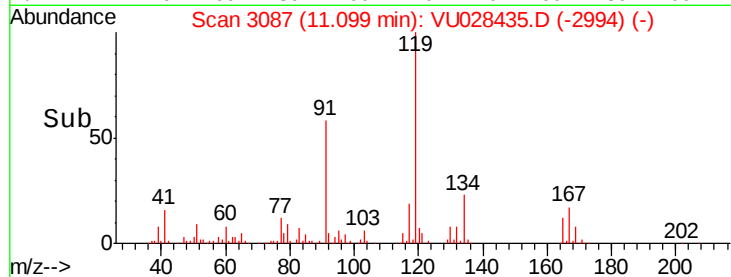
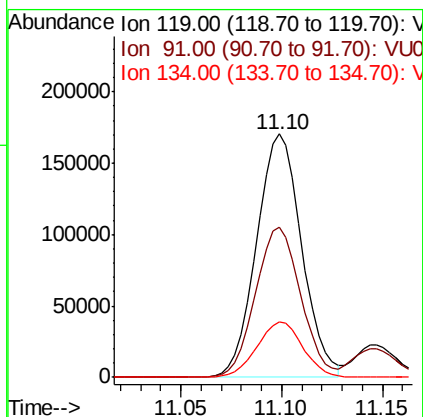
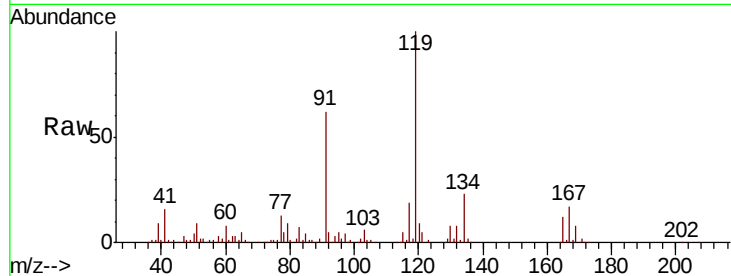




#83
tert-Butylbenzene
Concen: 18.347 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

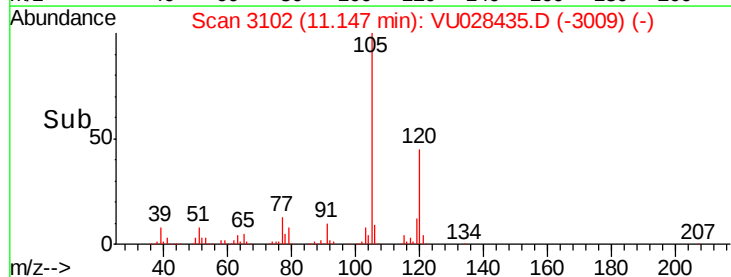
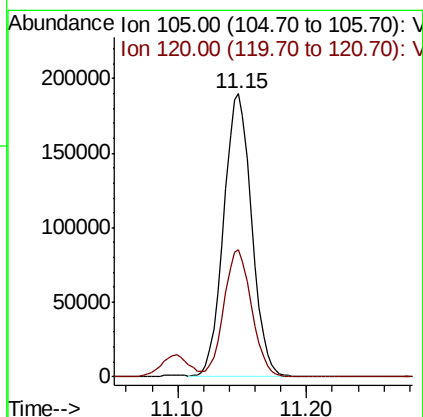
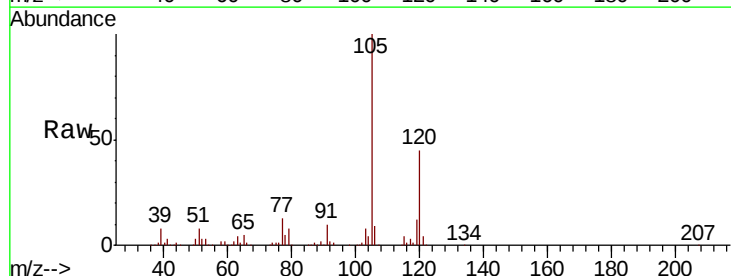
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

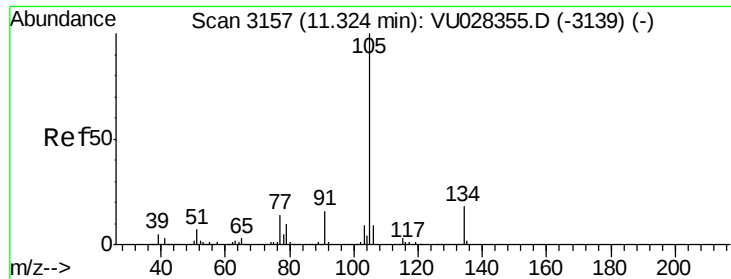
Tot Ion:119 Resp: 266152
Ion Ratio Lower Upper
119 100
91 61.9 30.8 92.4
134 23.3 11.1 33.1



#84
1,2,4-Trimethylbenzene
Concen: 18.150 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion:105 Resp: 286076
Ion Ratio Lower Upper
105 100
120 44.6 21.4 64.3





#85

sec-Butylbenzene

Concen: 18.348 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

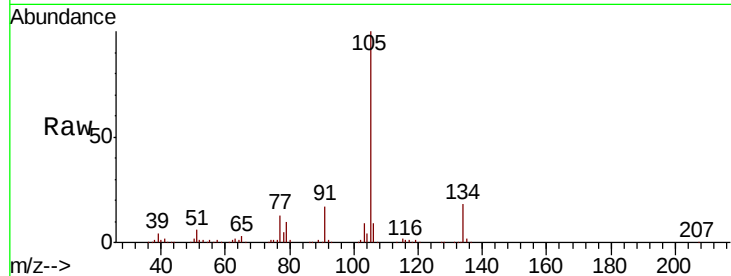
VU1203WBSD01

Tot Ion:105 Resp: 345707

Ion Ratio Lower Upper

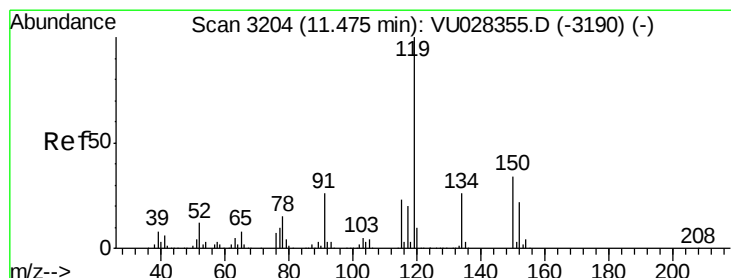
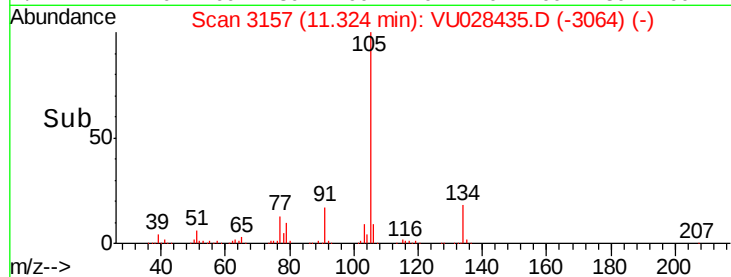
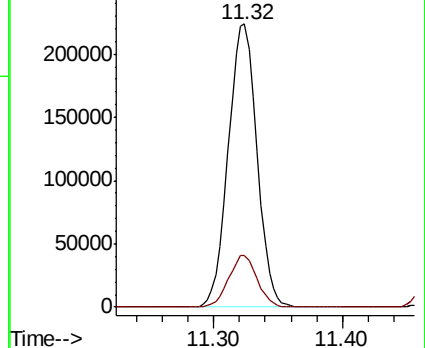
105 100

134 18.0 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.604 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

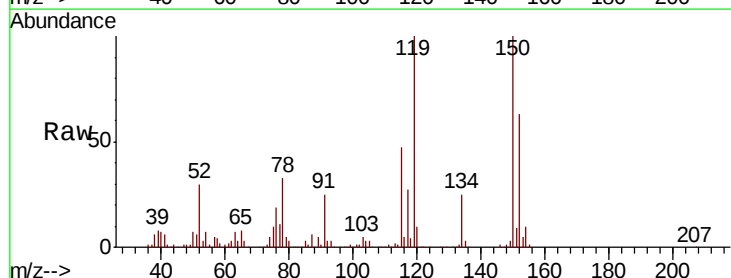
Tgt Ion:119 Resp: 288228

Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.3

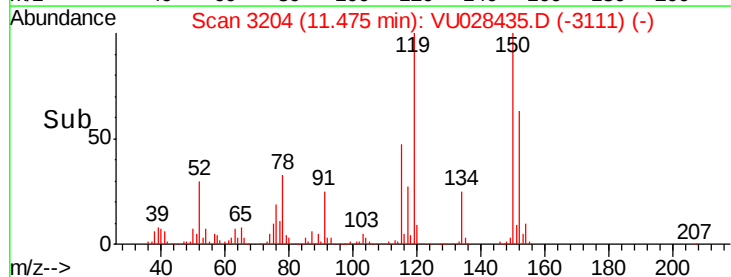
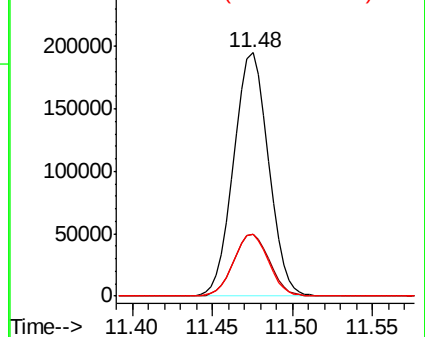
91 25.6 13.1 39.1

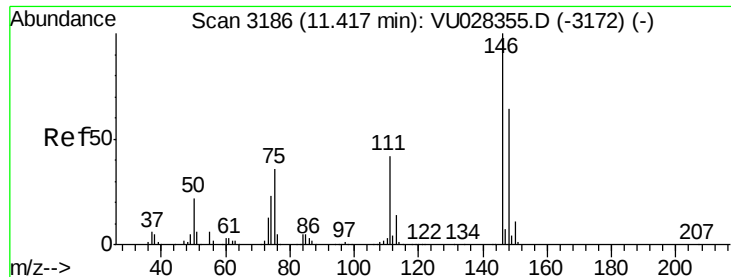


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 18.121 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

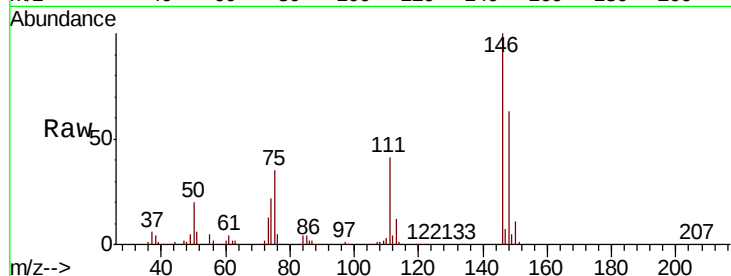
Tot Ion:146 Resp: 143815

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.4

148 62.8 31.8 95.3

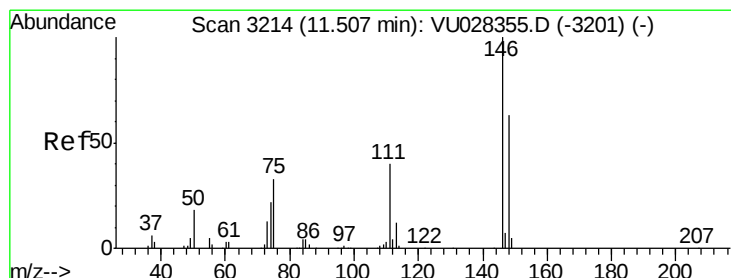
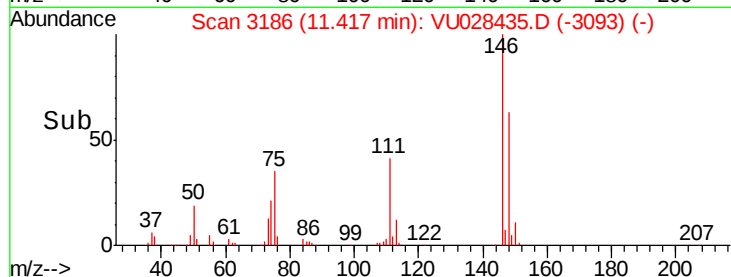
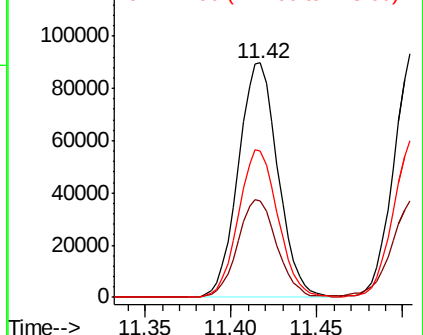


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.350 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

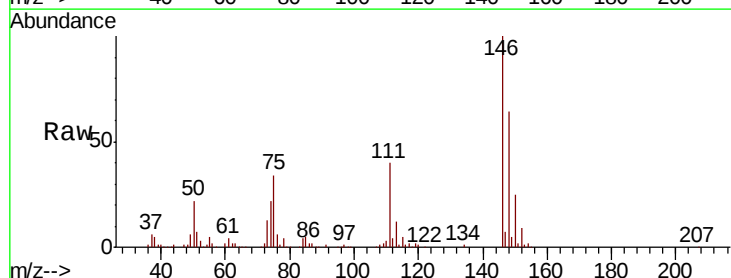
Tgt Ion:146 Resp: 146567

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

148 64.2 31.1 93.5

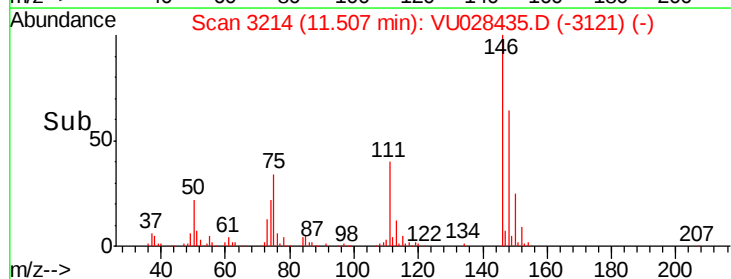
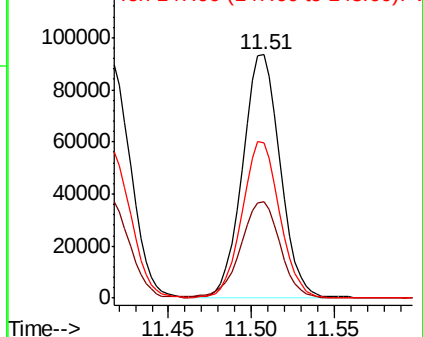


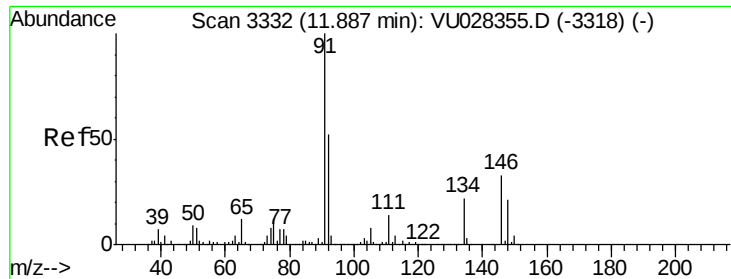
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

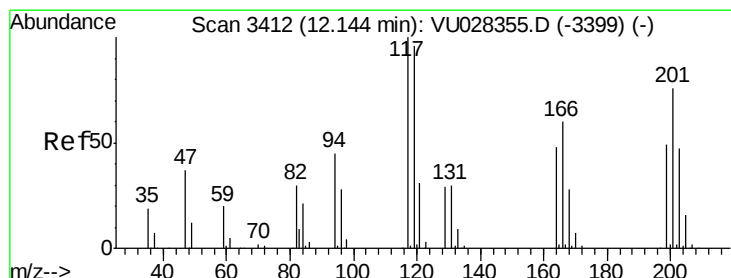
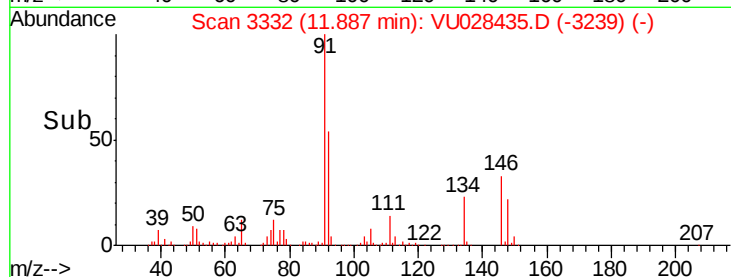
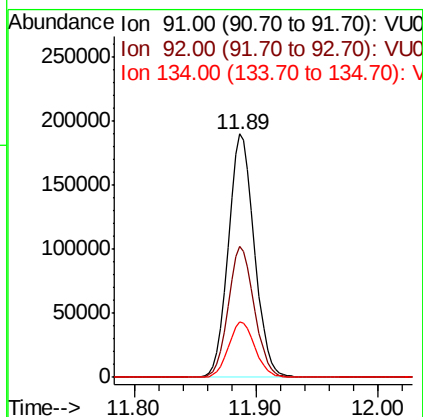
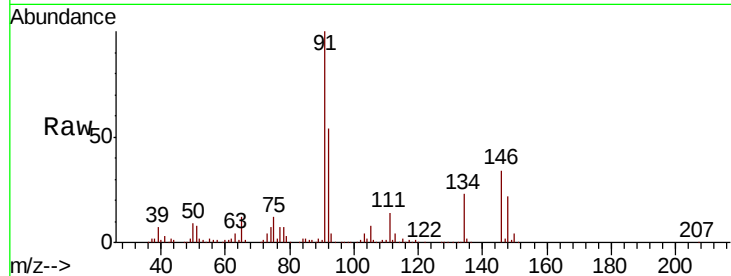




#89
n-Butylbenzene
Concen: 18.514 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

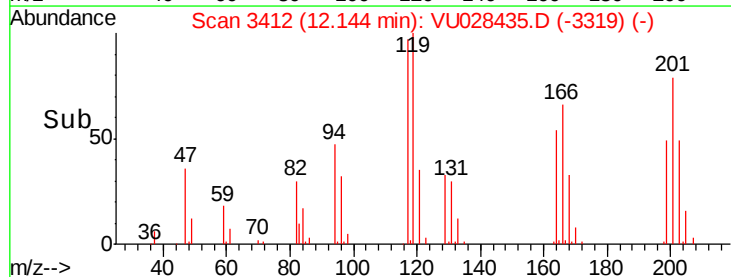
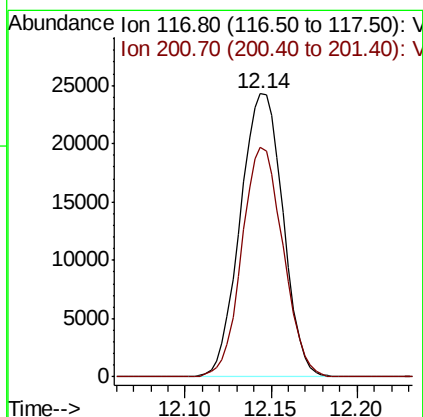
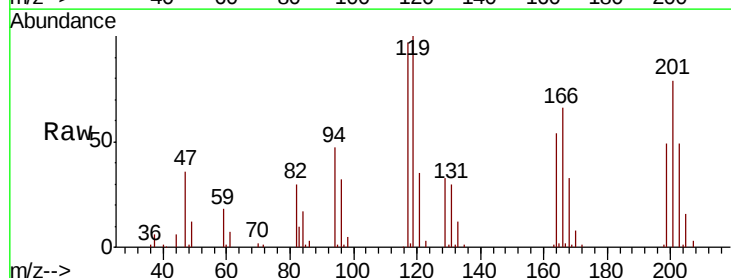
Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

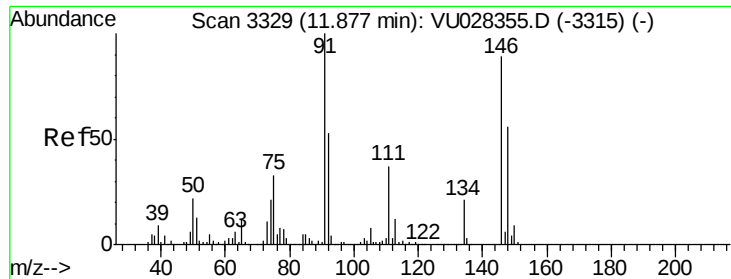
Tot Ion: 91 Resp: 283088
Ion Ratio Lower Upper
91 100
92 53.8 26.2 78.5
134 23.2 11.1 33.1



#90
Hexachloroethane
Concen: 17.291 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion: 117 Resp: 41823
Ion Ratio Lower Upper
117 100
201 78.2 37.7 113.1





#91

1,2-Dichlorobenzene

Concen: 18.177 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

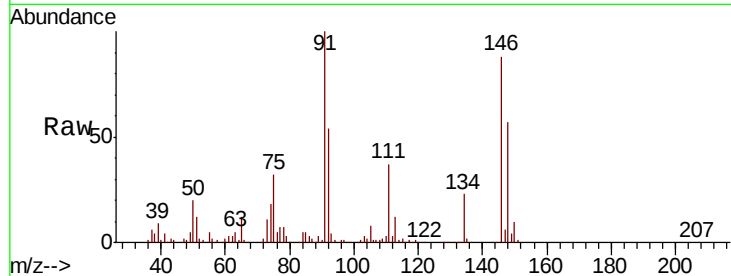
Tot Ion:146 Resp: 143929

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.3

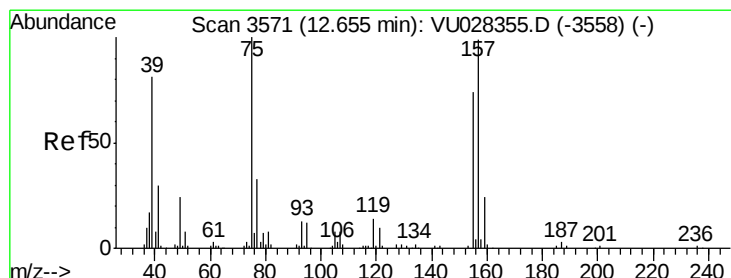
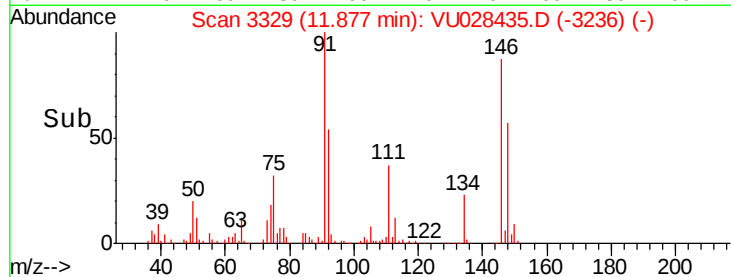
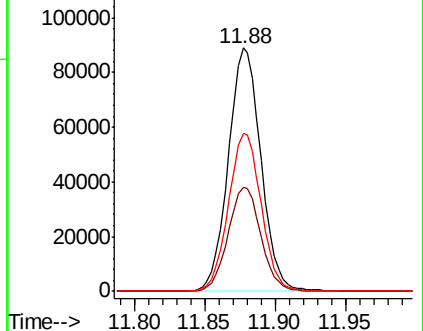
148 65.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.167 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

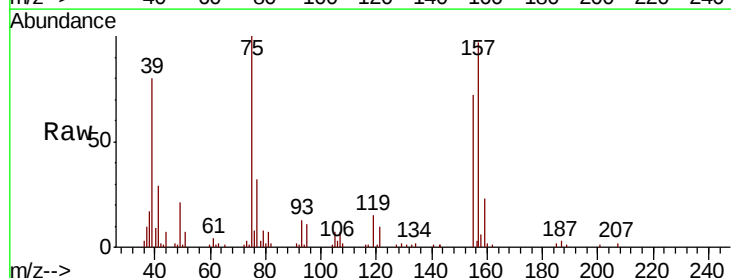
Tgt Ion: 75 Resp: 30686

Ion Ratio Lower Upper

75 100

155 73.1 36.9 110.7

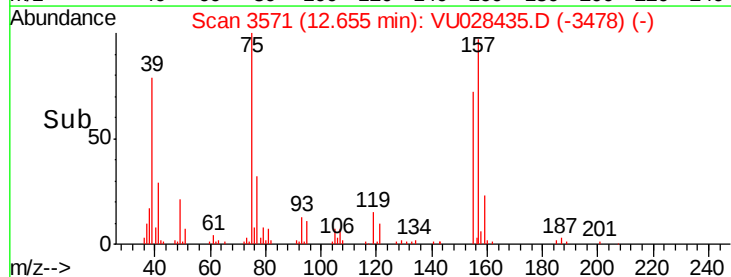
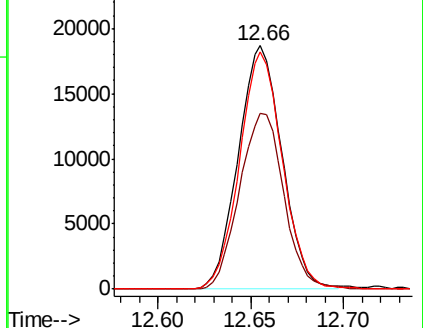
157 95.7 47.5 142.5

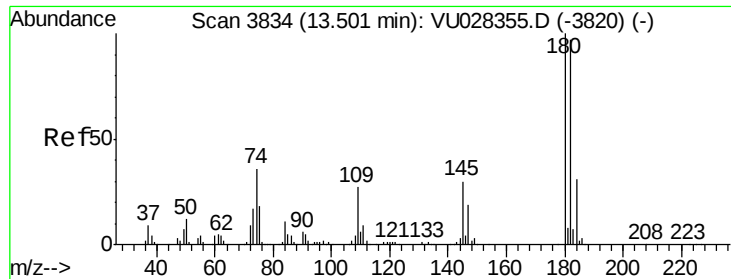


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.805 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

VU1203WBSD01

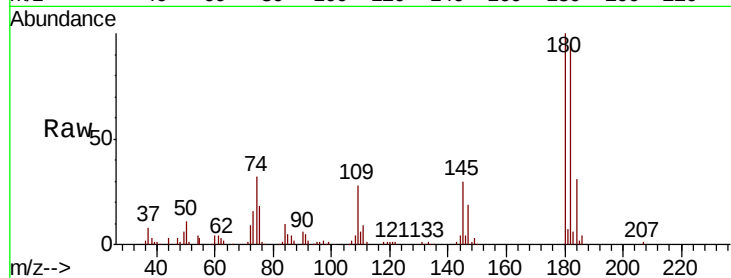
Tot Ion:180 Resp: 97466

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.9

145 30.0 15.2 45.5

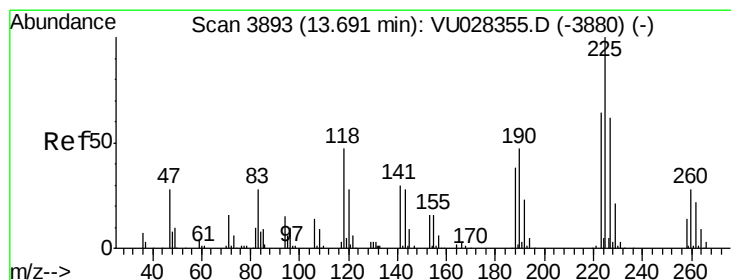
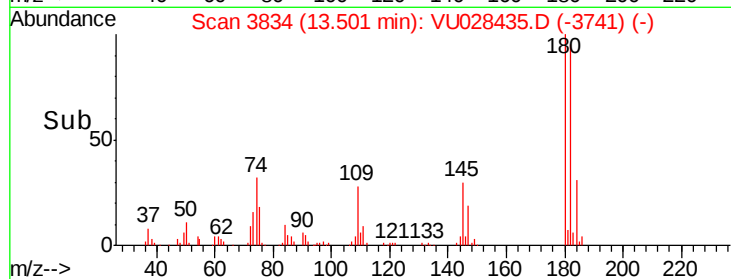
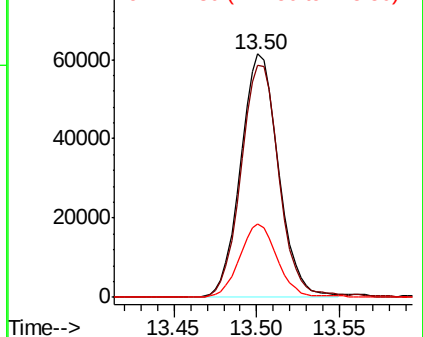


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.149 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU028435.D

Acq: 03 Dec 2018 12:49

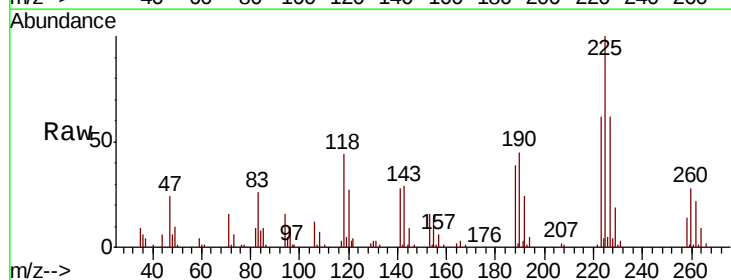
Tgt Ion:225 Resp: 44418

Ion Ratio Lower Upper

225 100

223 63.9 31.6 94.7

227 64.5 30.8 92.4

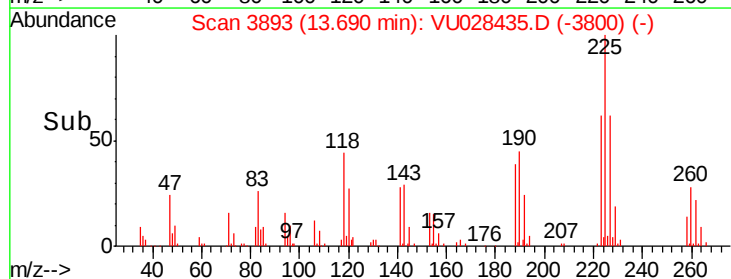
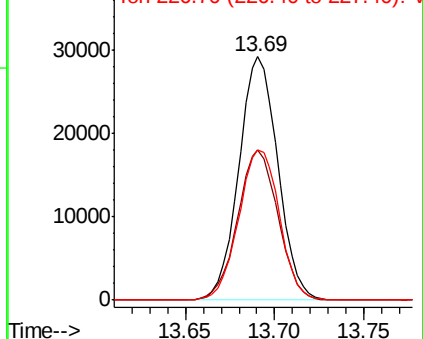


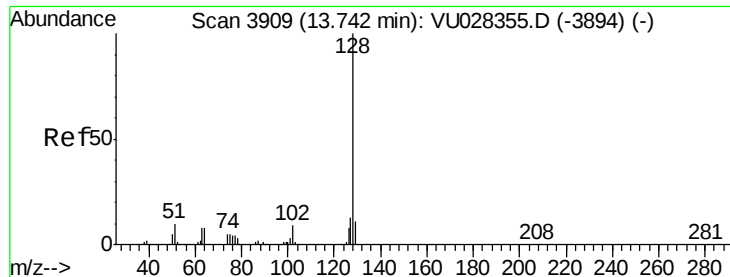
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

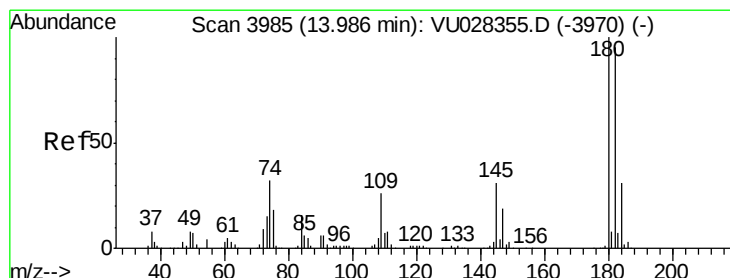
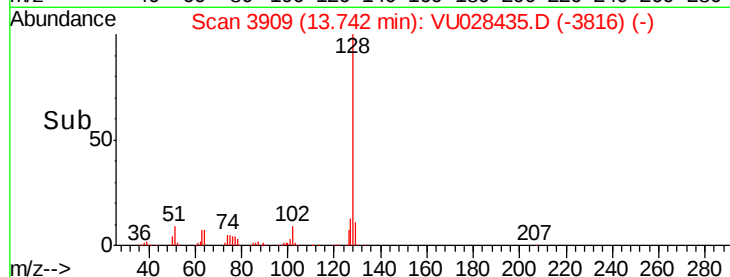
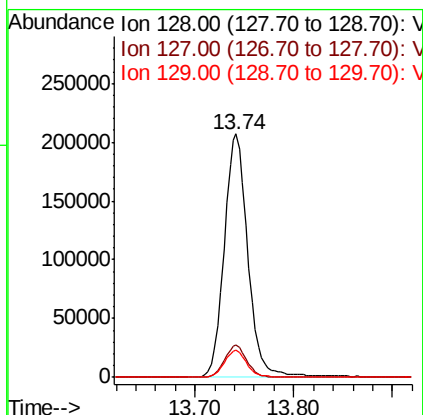
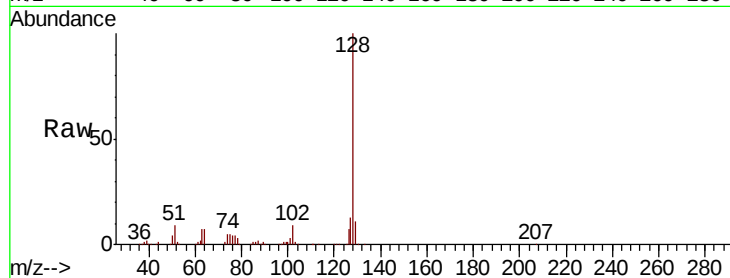




#95
Naphthalene
Concen: 19.317 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Tot Ion:128 Resp: 349152
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.202 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU028435.D
Acq: 03 Dec 2018 12:49

Tgt Ion:180 Resp: 100653
Ion Ratio Lower Upper
180 100
182 93.4 47.7 143.1
145 31.5 15.7 47.1

