

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120518\
 Data File : VU028480.D
 Acq On : 05 Dec 2018 15:11
 Operator : MD/SY
 Sample : VU1205WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

Quant Time: Dec 06 01:34:19 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	4.98	168	316981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	556494	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	519183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	257267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	277956	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
35) Dibromofluoromethane	4.88	113	210663	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	
50) Toluene-d8	7.56	98	844664	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
62) 4-Bromofluorobenzene	10.30	95	317006	59.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	89247	20.988	ug/l	99
3) Chloromethane	1.33	50	154942	18.799	ug/l	99
4) Vinyl Chloride	1.40	62	123414	21.401	ug/l	99
5) Bromomethane	1.63	94	51114	22.917	ug/l	98
6) Chloroethane	1.70	64	74180	22.355	ug/l	97
7) Trichlorofluoromethane	1.89	101	135093	22.553	ug/l	97
8) Diethyl Ether	2.10	74	63643	22.856	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	82430	23.623	ug/l	95
10) Methyl Iodide	2.41	142	52690	16.012	ug/l	95
11) Tert butyl alcohol	2.82	59	121153	100.667	ug/l	99
12) 1,1-Dichloroethene	2.29	96	80845	23.874	ug/l	90
13) Acrolein	2.20	56	96527	90.217	ug/l	98
14) Allyl chloride	2.59	41	169244	19.129	ug/l	97
15) Acrylonitrile	2.94	53	341103	107.147	ug/l	99
16) Acetone	2.32	43	292247	90.182	ug/l	98
17) Carbon Disulfide	2.48	76	258351	19.876	ug/l	97
18) Methyl Acetate	2.62	43	188314	20.871	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	306676	22.090	ug/l	97
20) Methylene Chloride	2.70	84	104604	22.845	ug/l	87
21) trans-1,2-Dichloroethene	2.98	96	88280	22.479	ug/l	91
22) Diisopropyl ether	3.57	45	354038	20.325	ug/l	96
23) Vinyl Acetate	3.52	43	1256130	86.757	ug/l	97
24) 1,1-Dichloroethane	3.45	63	186453	21.711	ug/l	100
25) 2-Butanone	4.26	43	459391	98.914	ug/l	96
26) 2,2-Dichloropropane	4.23	77	138374	20.288	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	102876	22.150	ug/l	92
28) Bromochloromethane	4.55	49	90115	20.985	ug/l	89
29) Tetrahydrofuran	4.64	42	317206	105.195	ug/l	94
30) Chloroform	4.67	83	170071	21.455	ug/l	100
31) Cyclohexane	5.00	56	179699	20.153	ug/l	94
32) 1,1,1-Trichloroethane	4.91	97	136109	21.398	ug/l	98
36) 1,1-Dichloropropene	5.14	75	131960	21.670	ug/l	99
37) Ethyl Acetate	4.38	43	171577	20.675	ug/l	98
38) Carbon Tetrachloride	5.13	117	107185	21.434	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120518\
 Data File : VU028480.D
 Acq On : 05 Dec 2018 15:11
 Operator : MD/SY
 Sample : VU1205WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

Quant Time: Dec 06 01:34:19 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	6.41	83	159743	22.249	ug/l	94
40) Benzene	5.39	78	399276	22.138	ug/l	99
41) Methacrylonitrile	4.54	41	94953	20.603	ug/l	93
42) 1,2-Dichloroethane	5.40	62	139333	21.444	ug/l	97
43) Isopropyl Acetate	5.55	43	271656	20.657	ug/l	97
44) Trichloroethene	6.19	130	95511	24.705	ug/l	94
45) 1,2-Dichloropropane	6.43	63	111806	21.168	ug/l	99
46) Dibromomethane	6.56	93	67286	22.179	ug/l	95
47) Bromodichloromethane	6.76	83	127237	21.085	ug/l	100
48) Methyl methacrylate	6.62	41	134620	19.652	ug/l	96
49) 1,4-Dioxane	6.61	88	42917	392.174	ug/l	92
51) 4-Methyl-2-Pentanone	7.46	43	865496	103.046	ug/l	96
52) Toluene	7.64	92	239712	23.080	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	151972	21.061	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	164923	21.335	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	97200	22.487	ug/l	98
56) Ethyl methacrylate	8.02	69	161868	22.012	ug/l	96
57) 1,3-Dichloropropane	8.24	76	170832	21.551	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	405121	102.614	ug/l	97
59) 2-Hexanone	8.36	43	663415	101.970	ug/l	96
60) Dibromochloromethane	8.48	129	91512	22.260	ug/l	98
61) 1,2-Dibromoethane	8.58	107	102103	23.063	ug/l	97
64) Tetrachloroethene	8.22	164	91775	26.873	ug/l	97
65) Chlorobenzene	9.12	112	250522	23.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	82924	22.441	ug/l	99
67) Ethyl Benzene	9.25	91	456390	22.478	ug/l	98
68) m/p-Xylenes	9.37	106	332879	45.549	ug/l	98
69) o-Xylene	9.78	106	160833	22.138	ug/l	99
70) Styrene	9.79	104	266975	22.786	ug/l	99
71) Bromoform	9.96	173	68556	22.072	ug/l #	97
73) Isopropylbenzene	10.16	105	433397	21.660	ug/l	100
74) N-amyl acetate	10.01	43	234671	18.719	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	155663	18.918	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	201095	28.187	ug/l	78
77) Bromobenzene	10.45	156	103904	22.038	ug/l	92
78) n-propylbenzene	10.58	91	530658	21.498	ug/l	98
79) 2-Chlorotoluene	10.66	91	307681	21.145	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	361601	21.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	201095	74.823	ug/l #	100
82) 4-Chlorotoluene	10.77	91	354207	21.128	ug/l	98
83) tert-Butylbenzene	11.10	119	330764	21.043	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	369787	21.652	ug/l	99
85) sec-Butylbenzene	11.32	105	448102	21.949	ug/l	100
86) p-Isopropyltoluene	11.47	119	371736	22.145	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	185765	21.603	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	189609	21.909	ug/l	99
89) n-Butylbenzene	11.89	91	365330	22.051	ug/l	99
90) Hexachloroethane	12.14	117	53546	20.431	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	184522	21.507	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	36163	19.759	ug/l	94

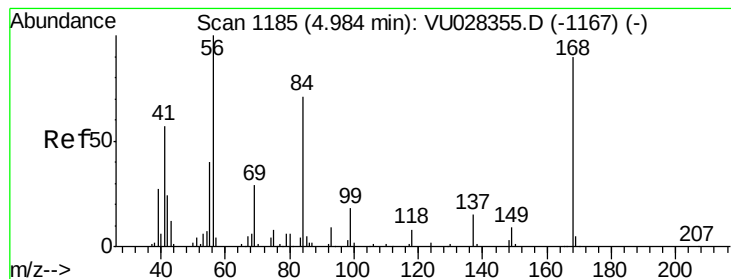
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120518\
Data File : VU028480.D
Acq On : 05 Dec 2018 15:11
Operator : MD/SY
Sample : VU1205WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

Quant Time: Dec 06 01:34:19 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	130920	23.313	ug/l	100
94) Hexachlorobutadiene	13.69	225	59367	22.388	ug/l	98
95) Naphthalene	13.74	128	458846	22.825	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	133049	23.425	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

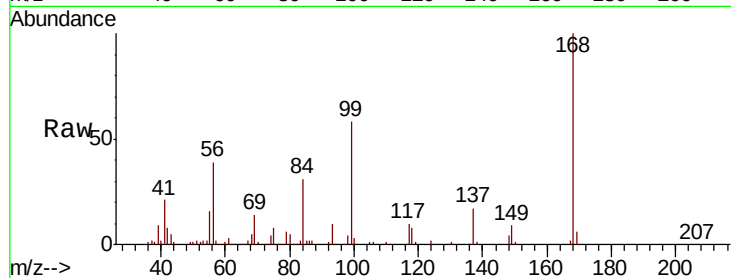
VU1205WBSD01

Tot Ion:168 Resp: 316981

Ion Ratio Lower Upper

168 100

99 57.8 49.6 74.4



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

Ion 98.90 (98.60 to 99.60): VU028480.D (-1092) (-)

4.98

150000

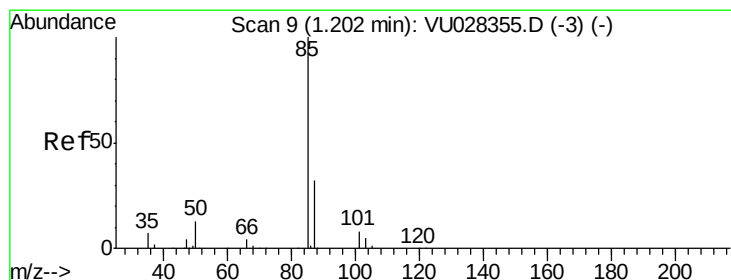
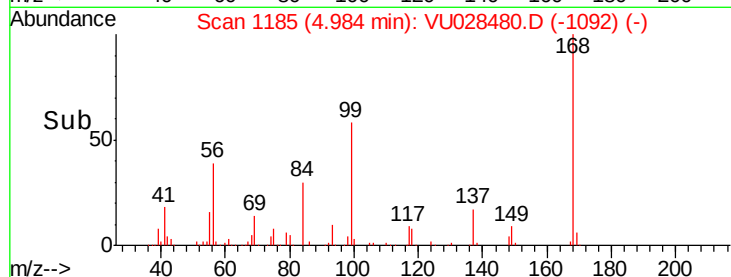
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.988 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028480.D

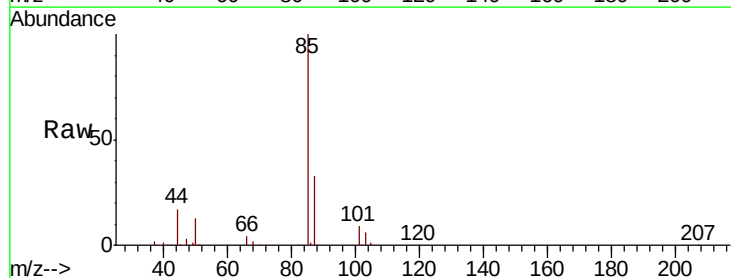
Acq: 05 Dec 2018 15:11

Tgt Ion: 85 Resp: 89247

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



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

Ion 86.90 (86.60 to 87.60): VU028480.D (-1) (-)

1.21

100000

80000

60000

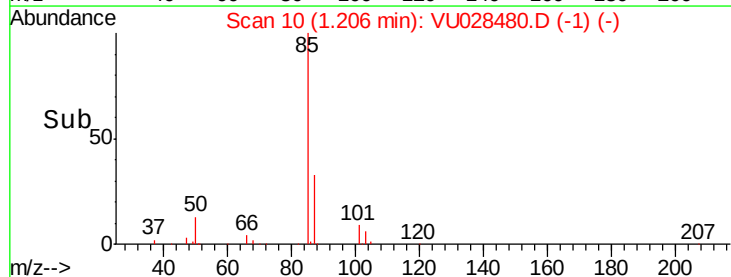
40000

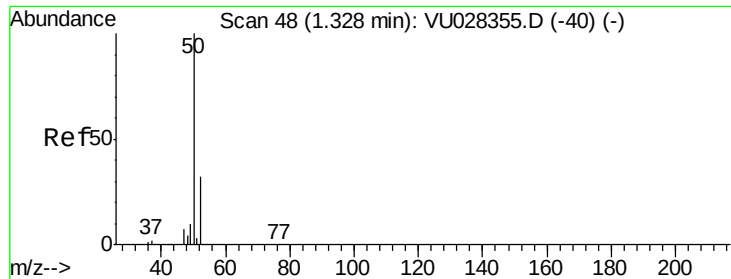
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.799 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

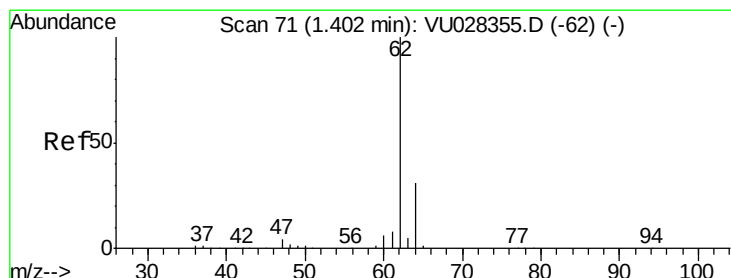
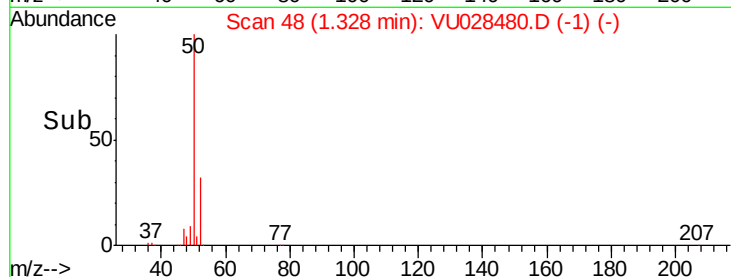
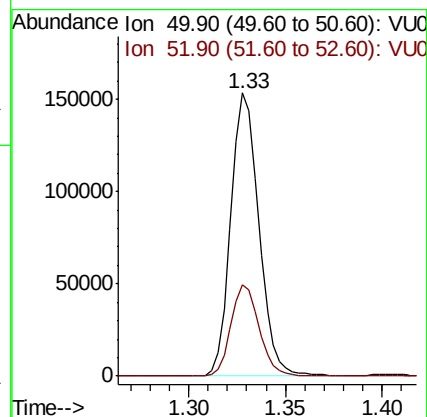
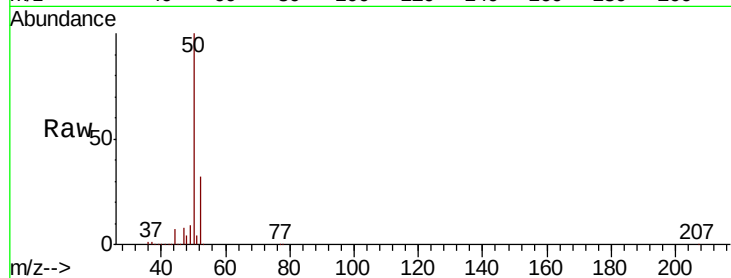
VU1205WBSD01

Tot Ion: 50 Resp: 154942

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 21.401 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028480.D

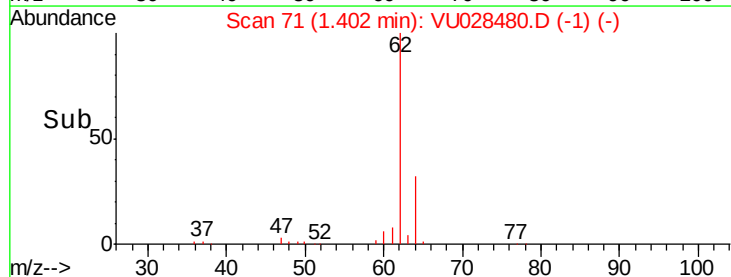
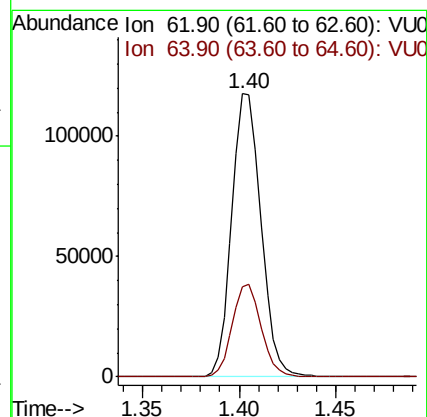
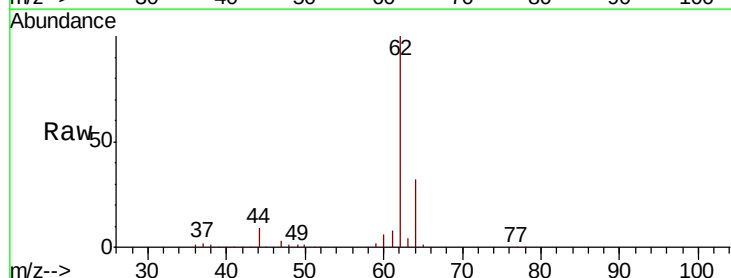
Acq: 05 Dec 2018 15:11

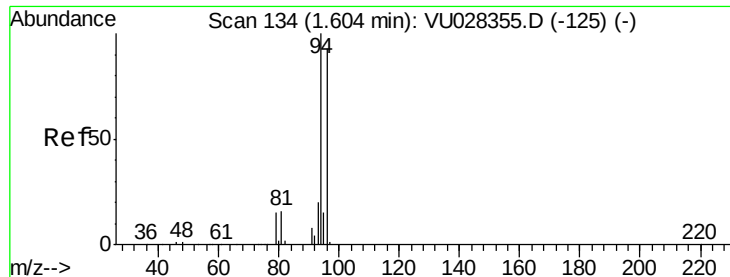
Tgt Ion: 62 Resp: 123414

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4





#5

Bromomethane

Concen: 22.917 ug/l

RT: 1.63 min Scan# 141

Delta R.T. 0.02 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

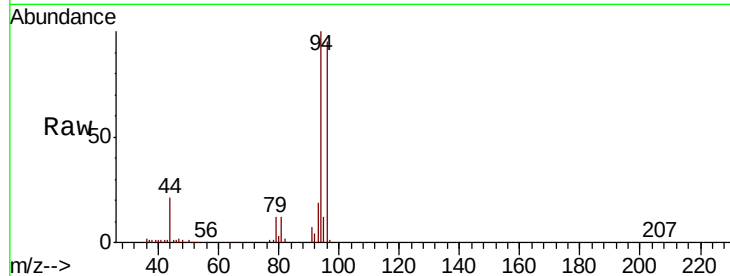
VU1205WBSD01

Tot Ion: 94 Resp: 51114

Ion Ratio Lower Upper

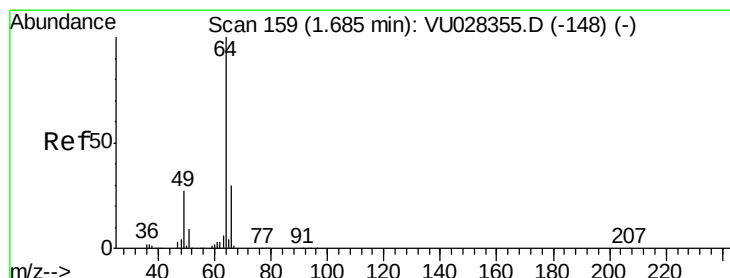
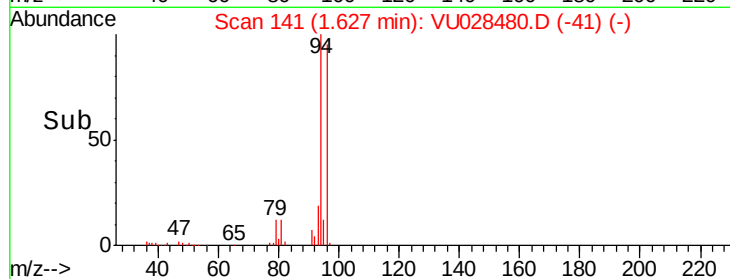
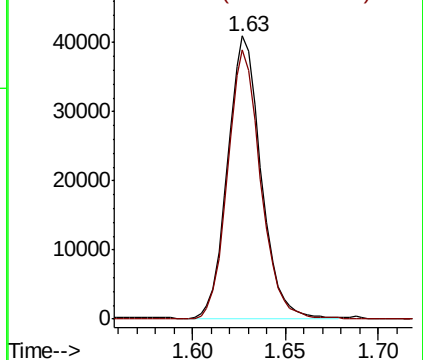
94 100

96 95.6 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: 22.355 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.02 min

Lab File: VU028480.D

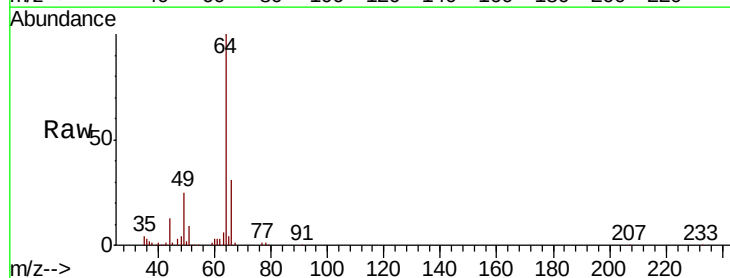
Acq: 05 Dec 2018 15:11

Tgt Ion: 64 Resp: 74180

Ion Ratio Lower Upper

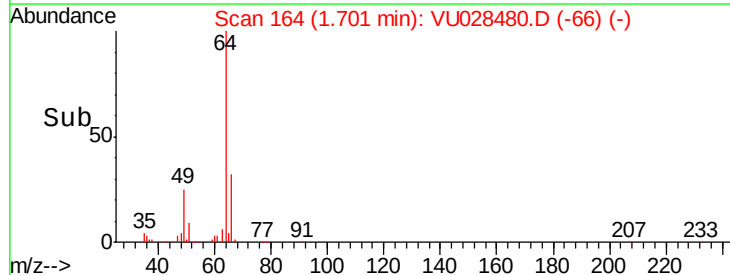
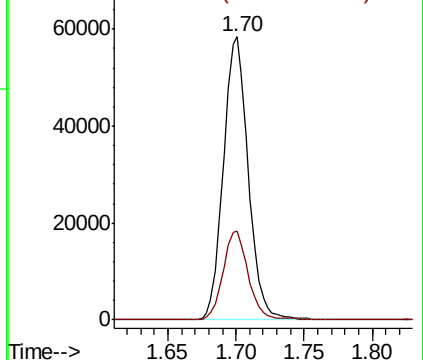
64 100

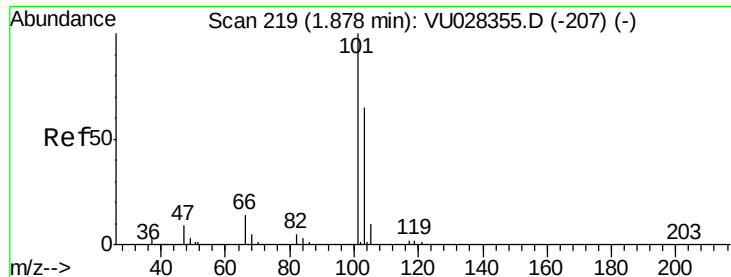
66 31.2 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



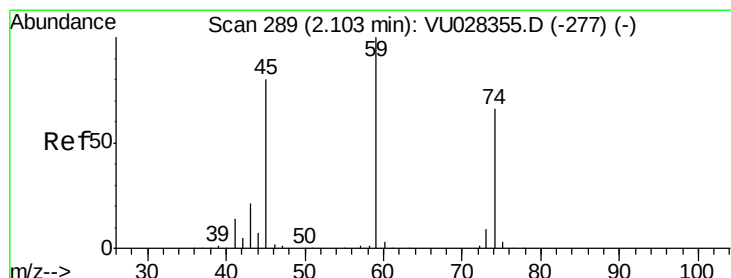
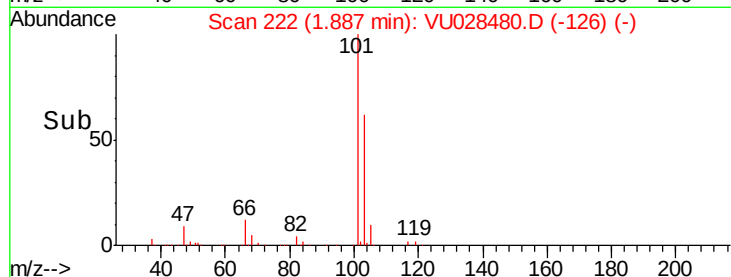
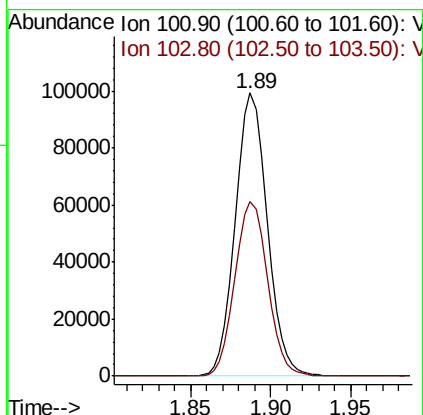
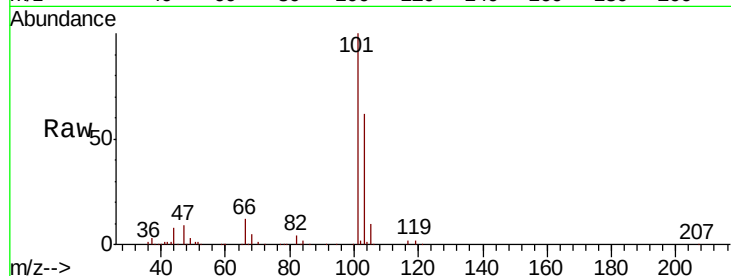


#7

Trichlorofluoromethane
 Concen: 22.553 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

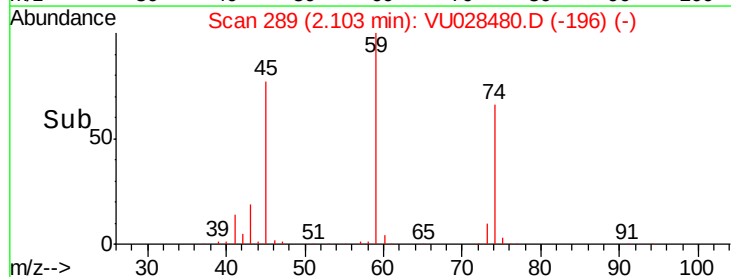
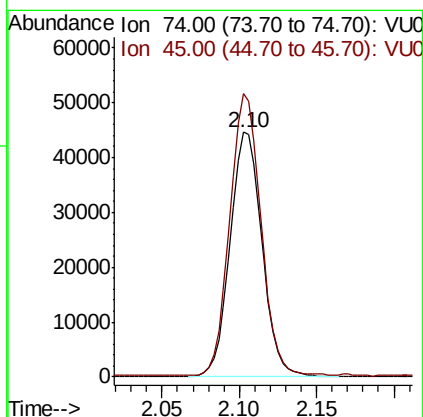
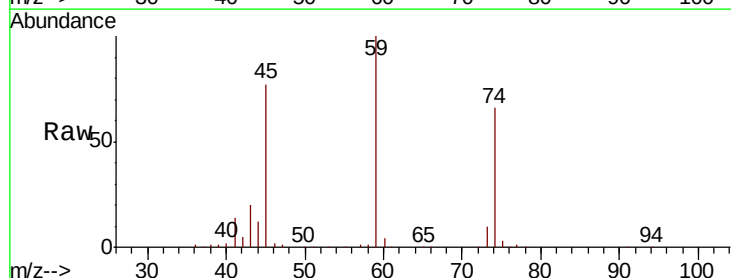
Tot Ion:101 Resp: 135093
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.6 77.4

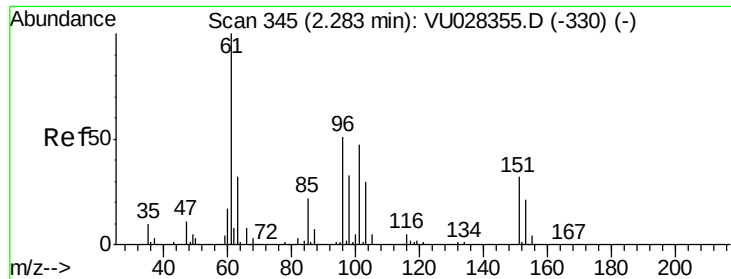


#8

Diethyl Ether
 Concen: 22.856 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 74 Resp: 63643
 Ion Ratio Lower Upper
 74 100
 45 111.5 63.0 189.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.623 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

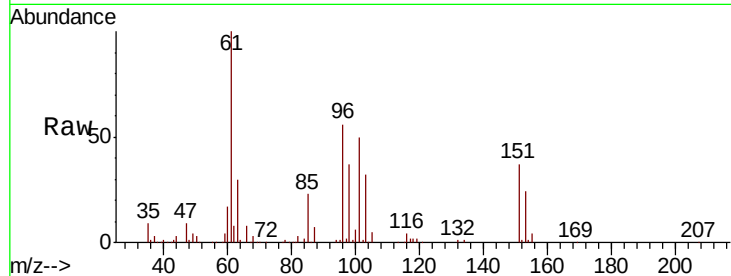
Tot Ion:101 Resp: 82430

Ion Ratio Lower Upper

101 100

85 44.8 37.2 55.8

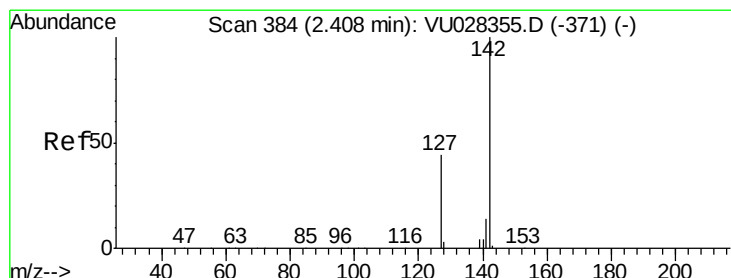
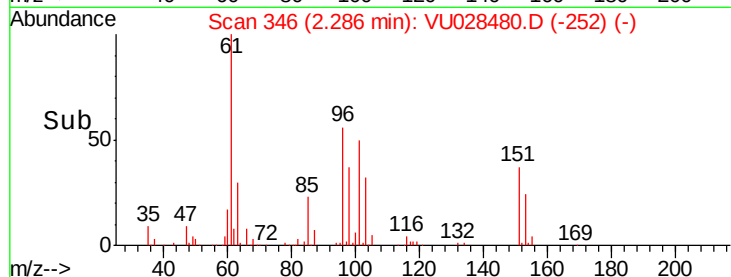
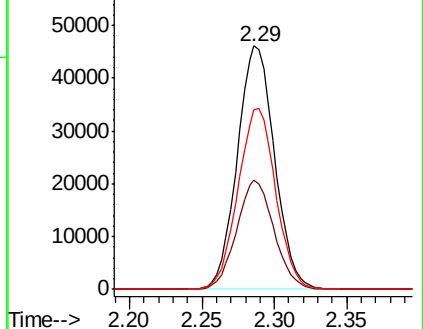
151 75.2 55.4 83.0



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: 16.012 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

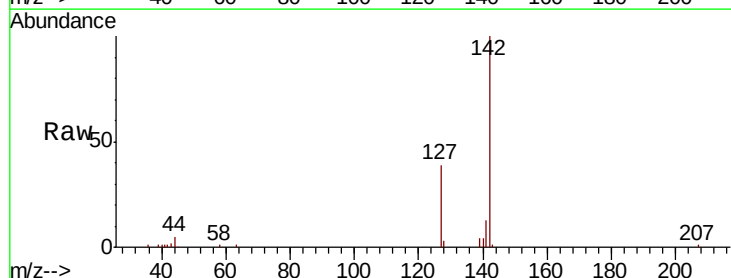
Tgt Ion:142 Resp: 52690

Ion Ratio Lower Upper

142 100

127 39.3 35.0 52.6

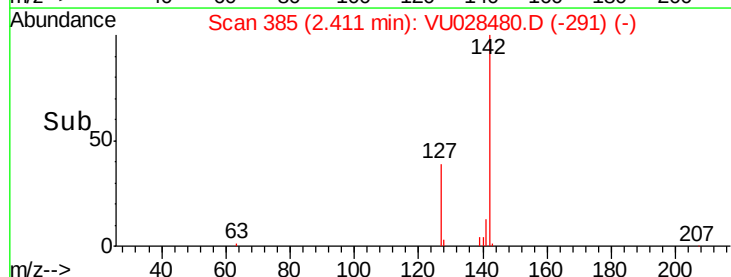
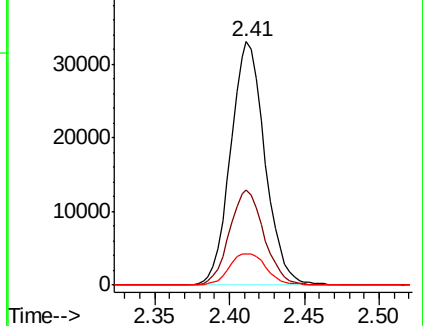
141 13.9 11.2 16.8

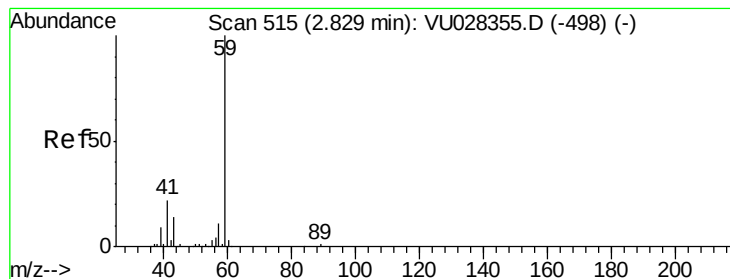


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



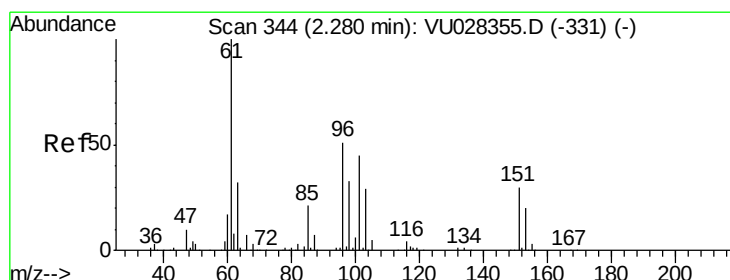
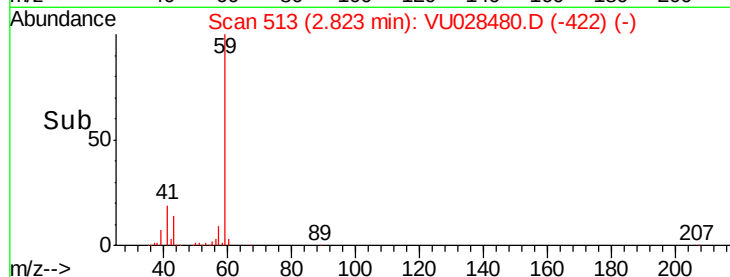
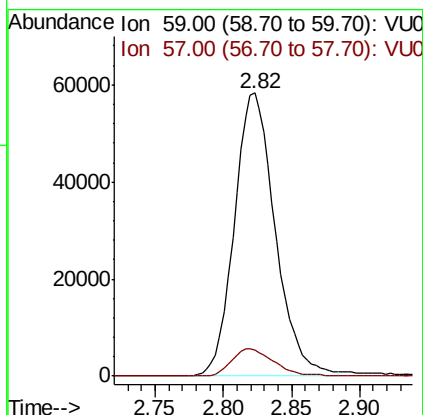
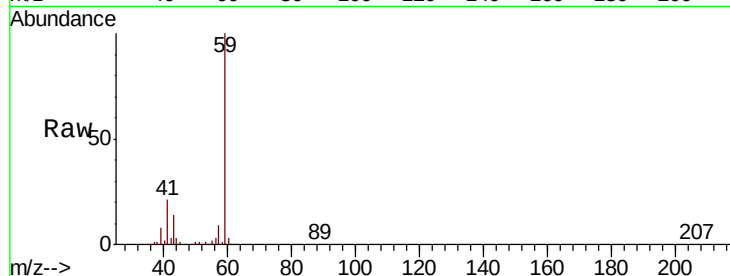


#11

Tert butyl alcohol
 Concen: 100.667 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

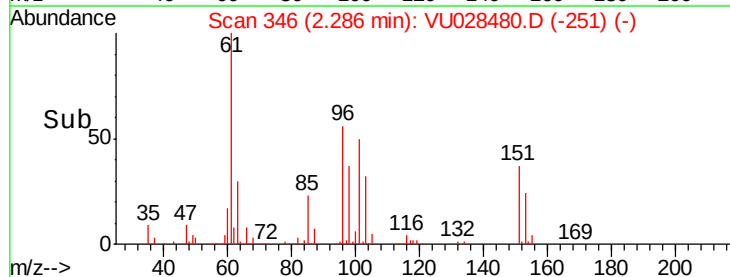
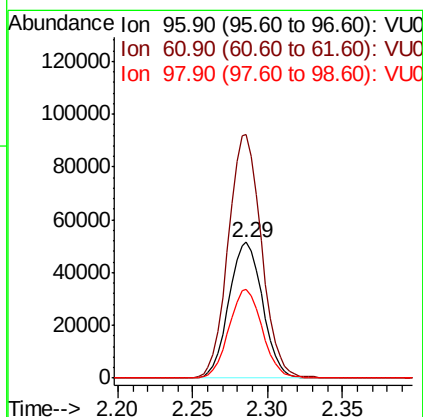
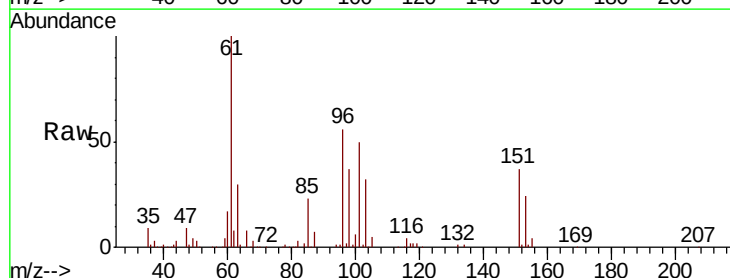
Tot Ion: 59 Resp: 121153
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

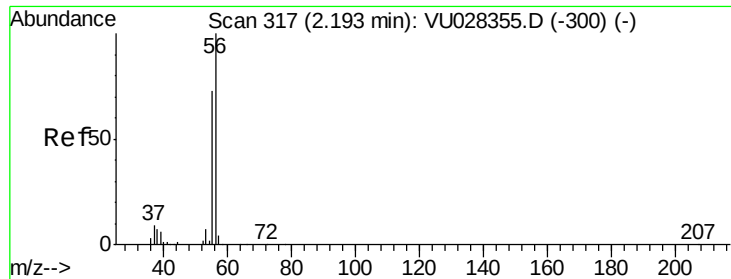


#12

1,1-Dichloroethene
 Concen: 23.874 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.01 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 96 Resp: 80845
 Ion Ratio Lower Upper
 96 100
 61 179.6 158.1 237.1
 98 65.9 51.4 77.2

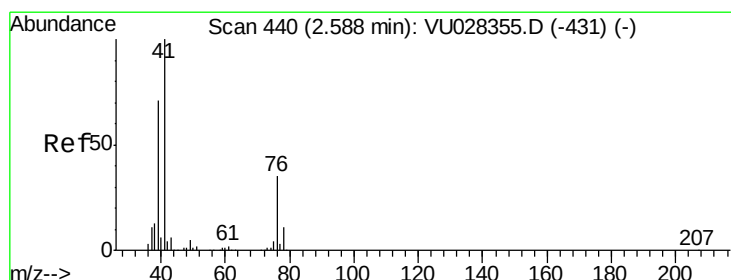
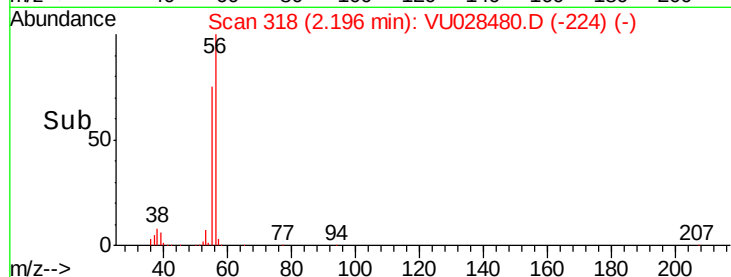
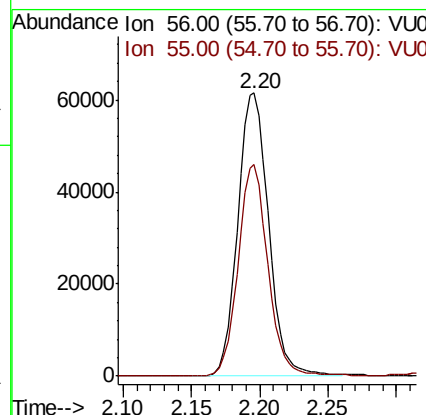
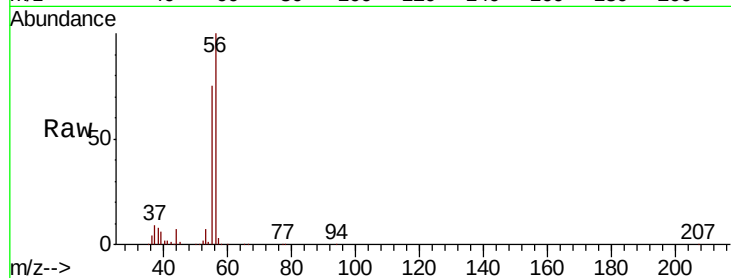




#13
Acrolein
Concen: 90.217 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

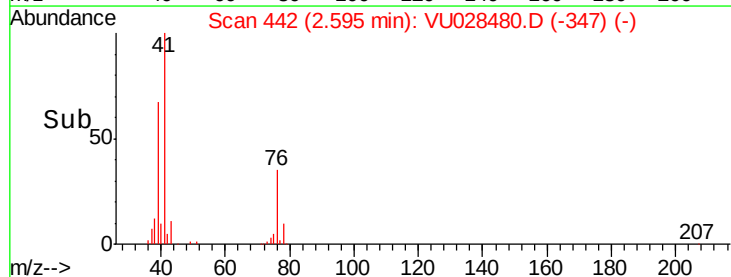
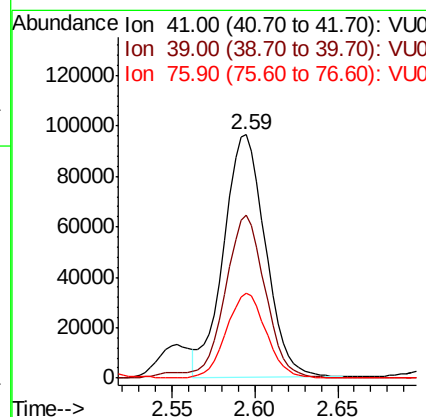
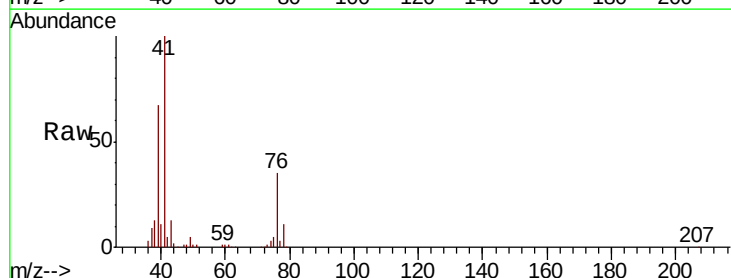
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

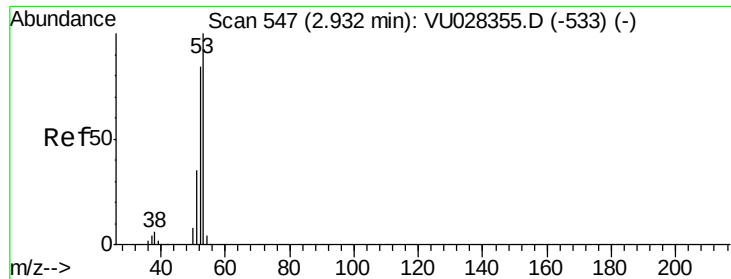
Tot Ion: 56 Resp: 96527
Ion Ratio Lower Upper
56 100
55 72.5 56.6 85.0



#14
Allyl chloride
Concen: 19.129 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.01 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 41 Resp: 169244
Ion Ratio Lower Upper
41 100
39 65.7 51.6 77.4
76 33.6 24.4 36.6





#15

Acrylonitrile

Concen: 107.147 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

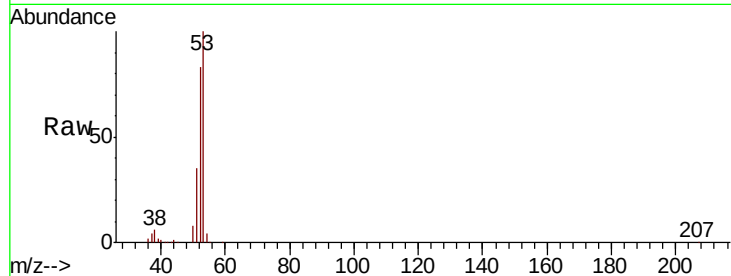
Tot Ion: 53 Resp: 341103

Ion Ratio Lower Upper

53 100

52 81.6 65.7 98.5

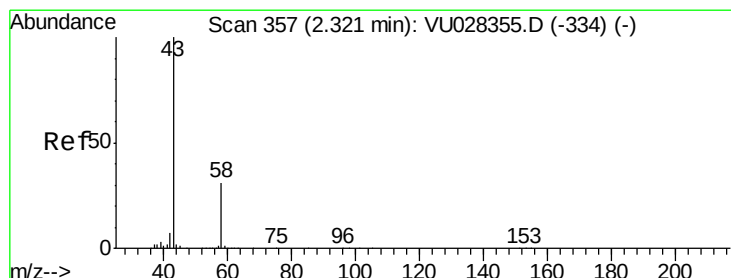
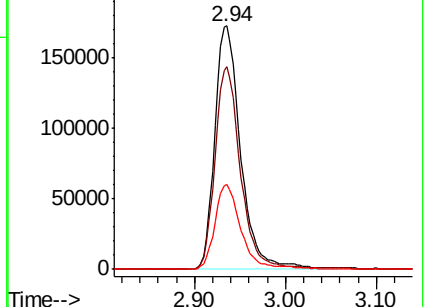
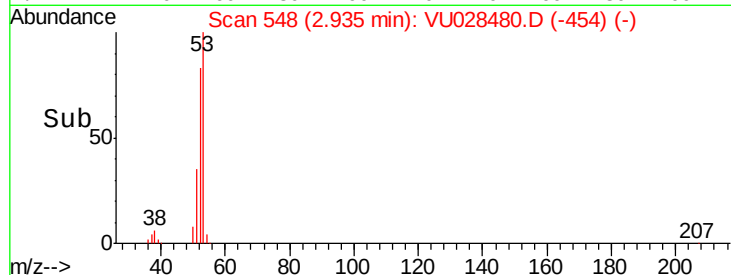
51 35.3 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VU028480.D (-533) (-)

Ion 52.00 (51.70 to 52.70): VU028480.D (-533) (-)

Ion 51.00 (50.70 to 51.70): VU028480.D (-533) (-)



#16

Acetone

Concen: 90.182 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028480.D

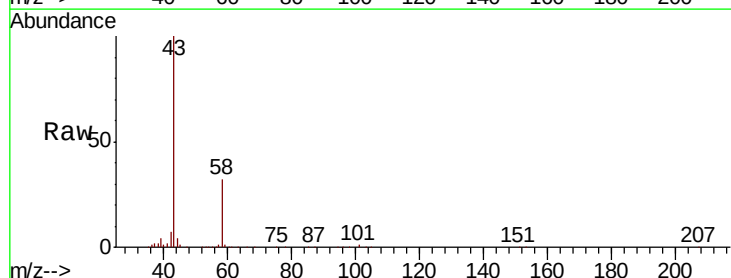
Acq: 05 Dec 2018 15:11

Tgt Ion: 43 Resp: 292247

Ion Ratio Lower Upper

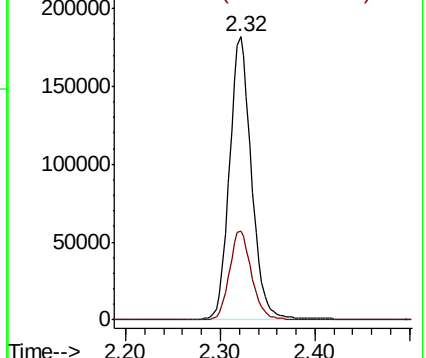
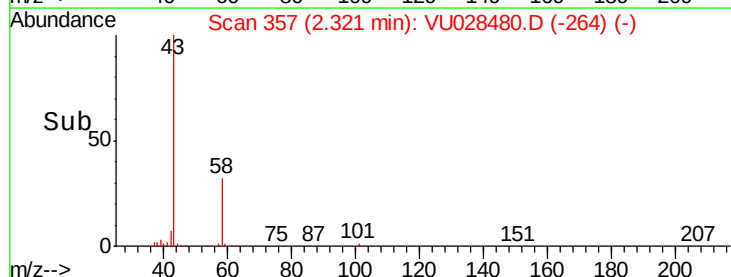
43 100

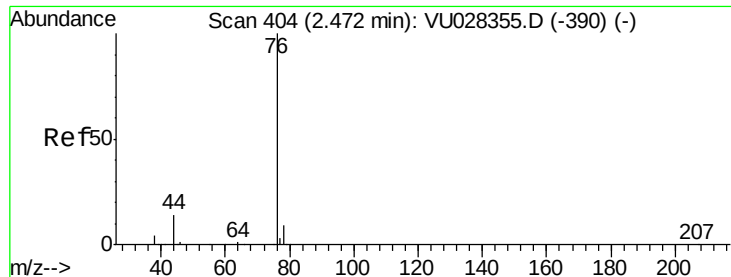
58 31.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028480.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU028480.D (-264) (-)





#17

Carbon Disulfide

Concen: 19.876 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

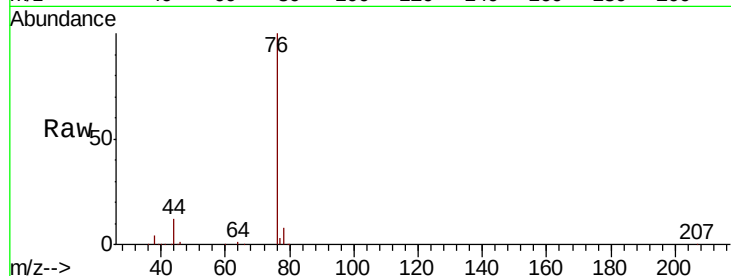
VU1205WBSD01

Tot Ion: 76 Resp: 258351

Ion Ratio Lower Upper

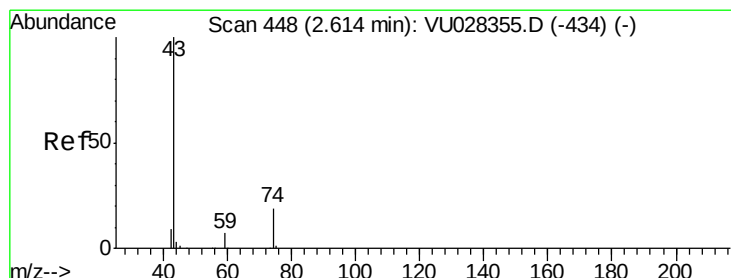
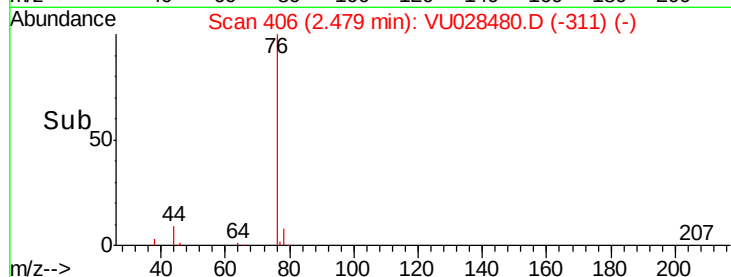
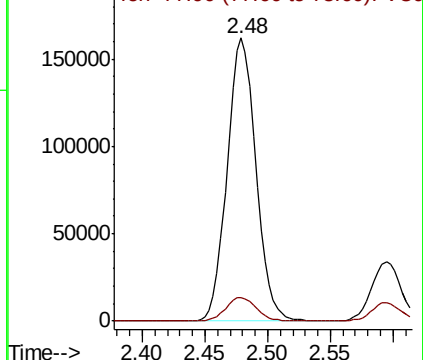
76 100

78 8.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 20.871 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU028480.D

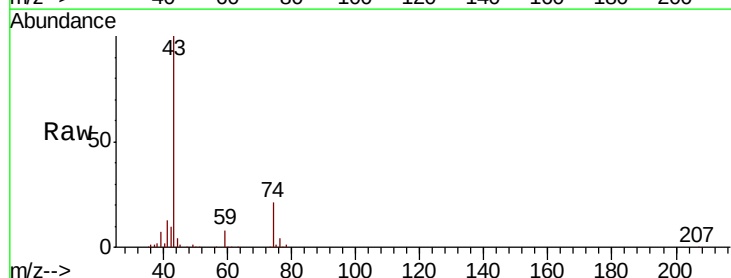
Acq: 05 Dec 2018 15:11

Tgt Ion: 43 Resp: 188314

Ion Ratio Lower Upper

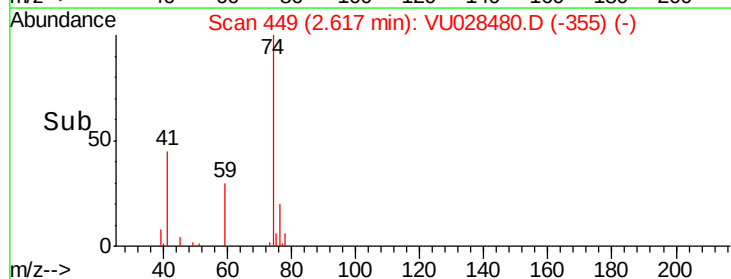
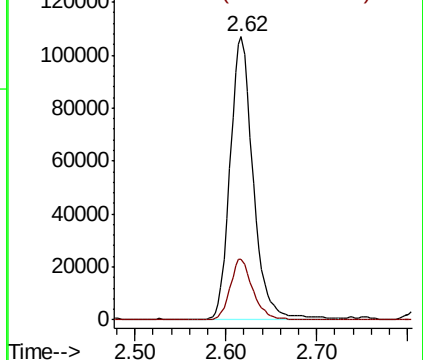
43 100

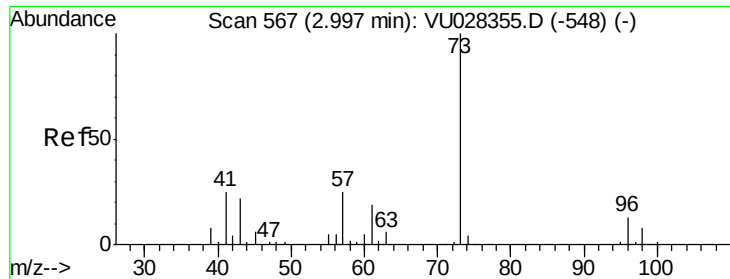
74 20.9 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

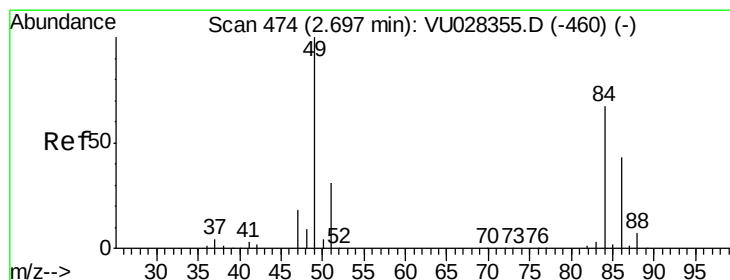
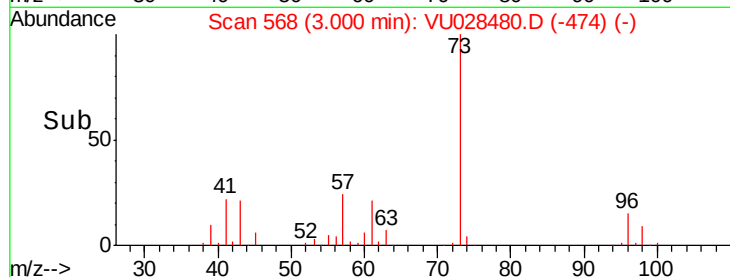
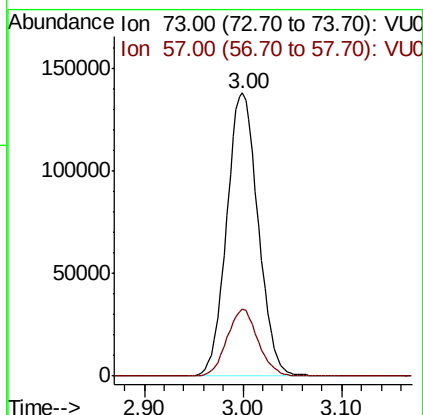
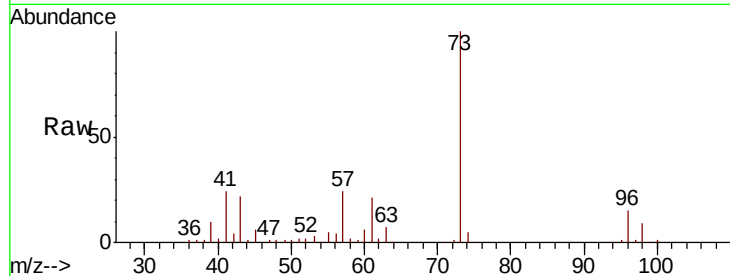




#19
Methyl tert-butyl Ether
Concen: 22.090 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

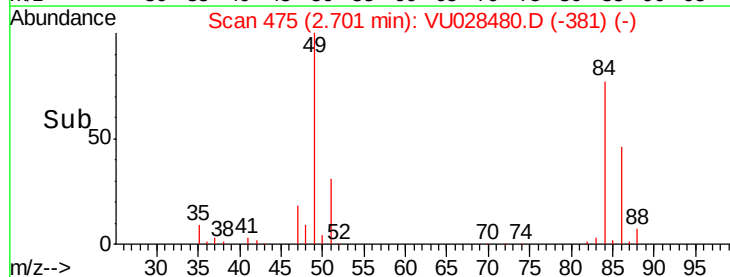
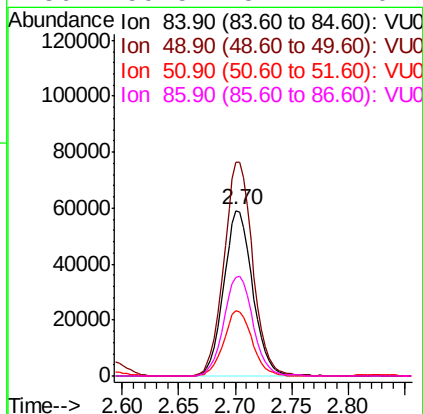
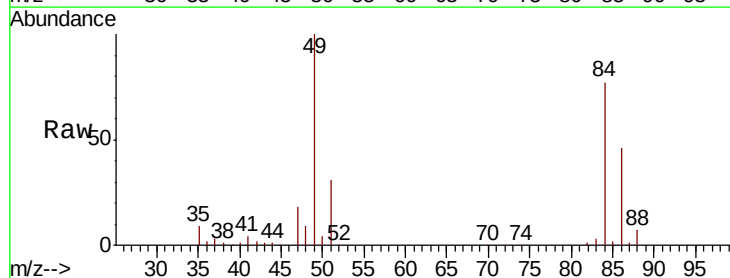
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

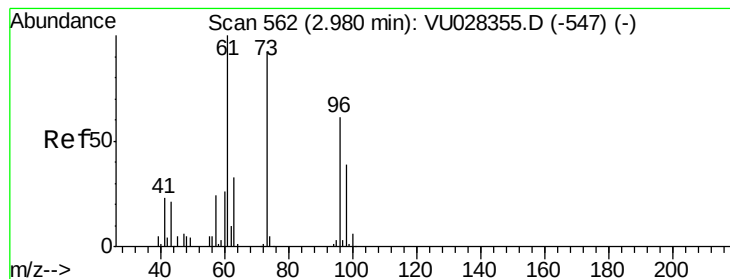
Tot Ion: 73 Resp: 306676
Ion Ratio Lower Upper
73 100
57 23.8 20.1 30.1



#20
Methylene Chloride
Concen: 22.845 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 84 Resp: 104604
Ion Ratio Lower Upper
84 100
49 129.1 120.0 180.0
51 39.4 36.9 55.3
86 59.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 22.479 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

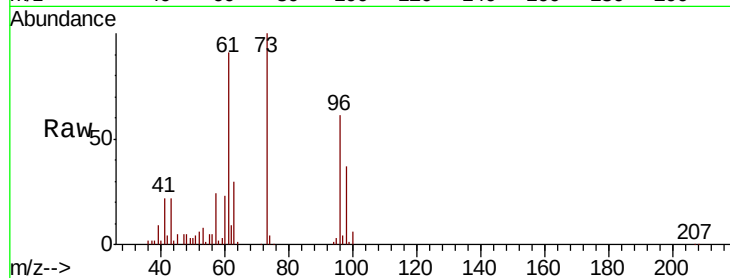
Tot Ion: 96 Resp: 88280

Ion Ratio Lower Upper

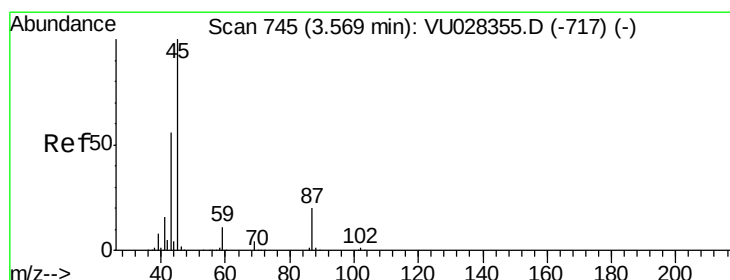
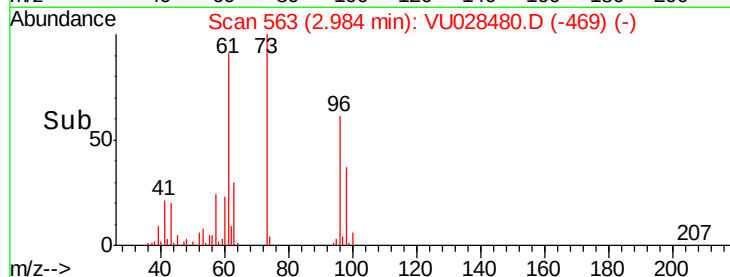
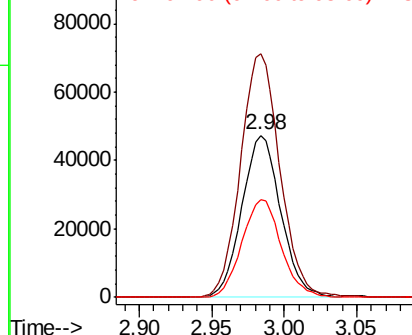
96 100

61 150.3 131.1 196.7

98 60.5 51.7 77.5



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



#22

Diisopropyl ether

Concen: 20.325 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Tgt Ion: 45 Resp: 354038

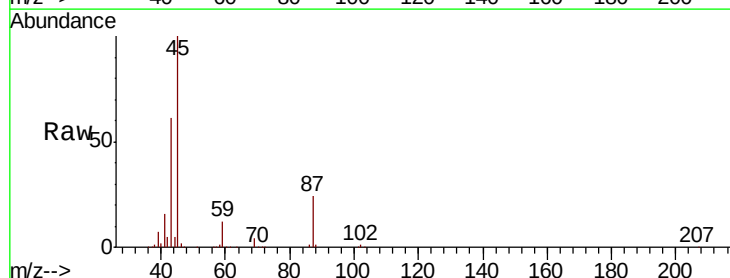
Ion Ratio Lower Upper

45 100

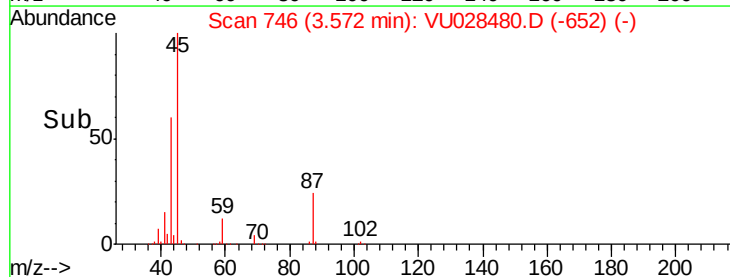
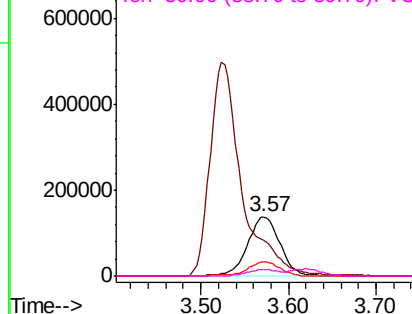
43 58.7 44.8 67.2

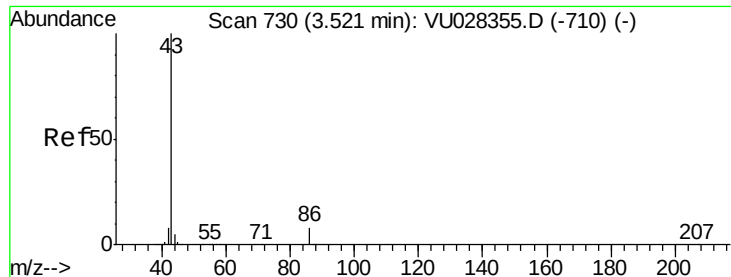
87 23.9 16.3 24.5

59 11.5 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 86.757 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

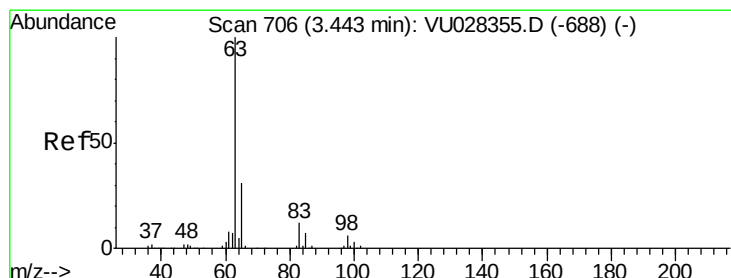
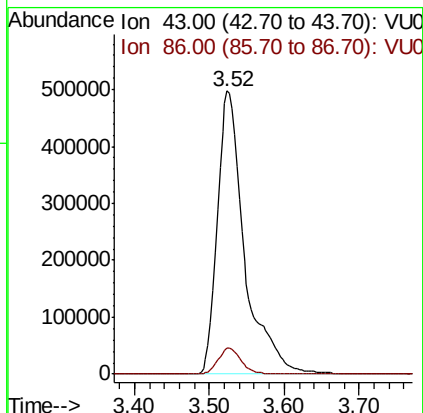
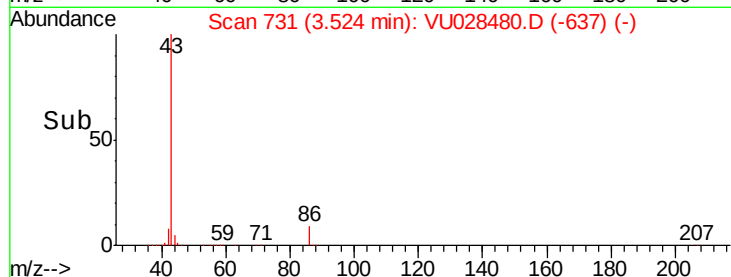
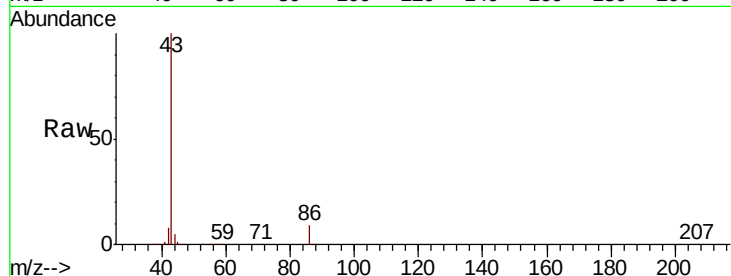
VU1205WBSD01

Tot Ion: 43 Resp: 1256130

Ion Ratio Lower Upper

43 100

86 9.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 21.711 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

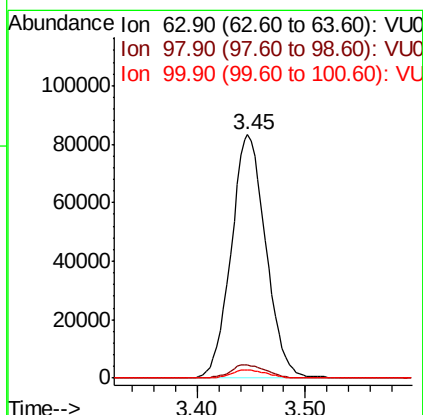
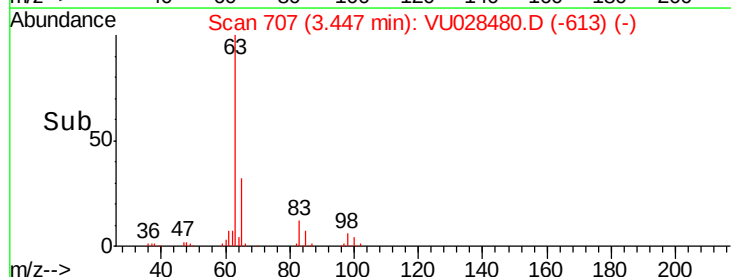
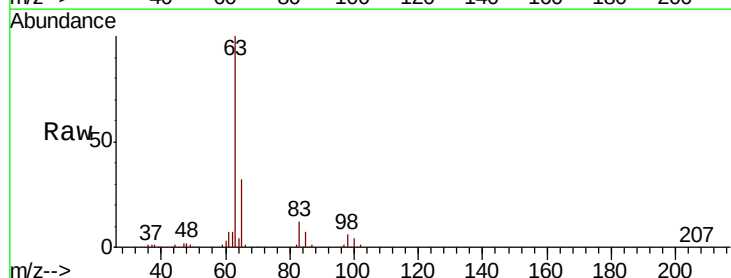
Tgt Ion: 63 Resp: 186453

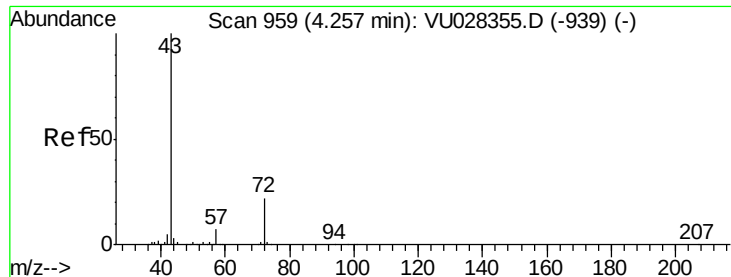
Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.6

100 3.5 1.7 5.1

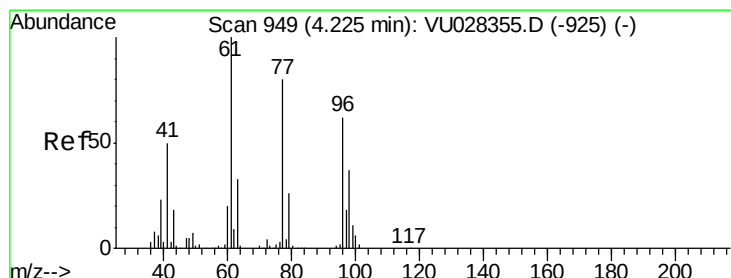
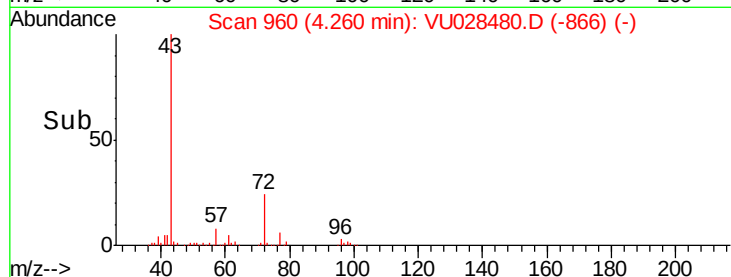
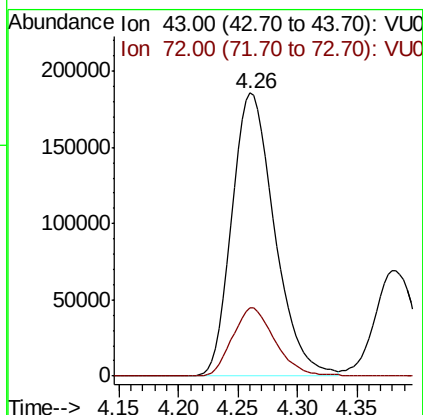
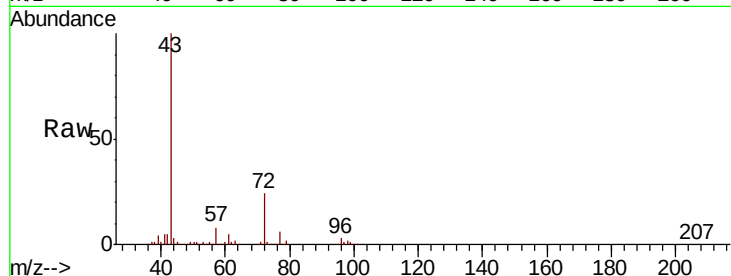




#25
 2-Butanone
 Concen: 98.914 ug/l
 RT: 4.26 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

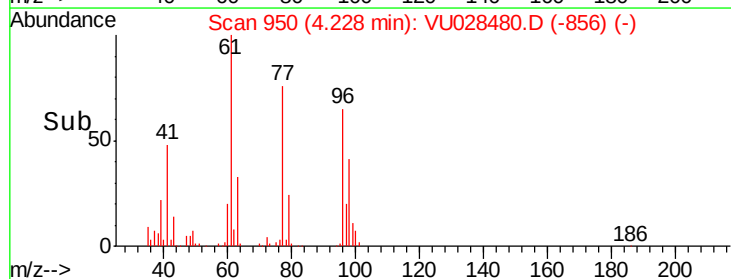
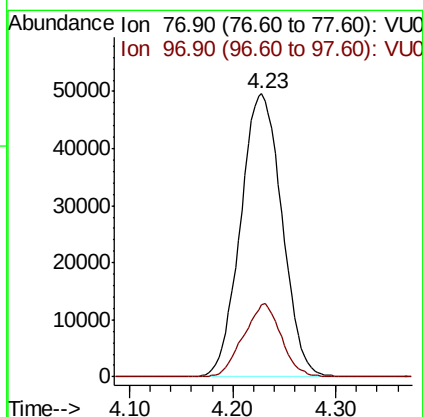
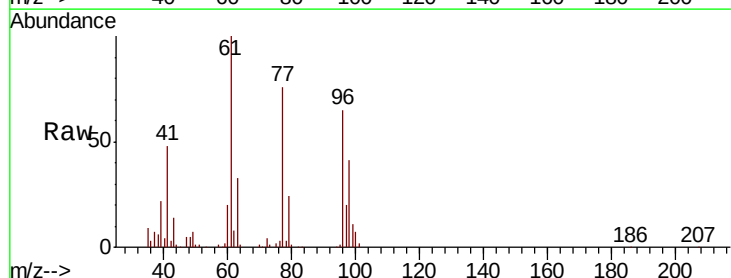
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

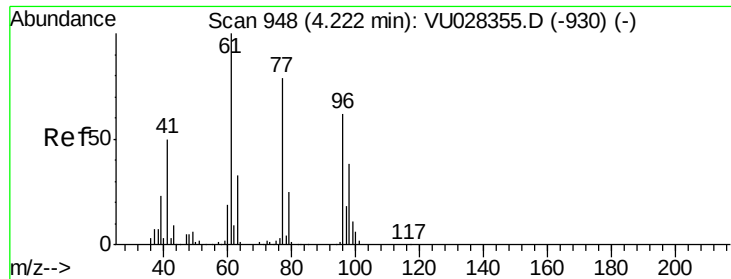
Tot Ion: 43 Resp: 459391
 Ion Ratio Lower Upper
 43 100
 72 24.1 17.7 26.5



#26
 2,2-Dichloropropane
 Concen: 20.288 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 77 Resp: 138374
 Ion Ratio Lower Upper
 77 100
 97 23.6 10.7 32.1



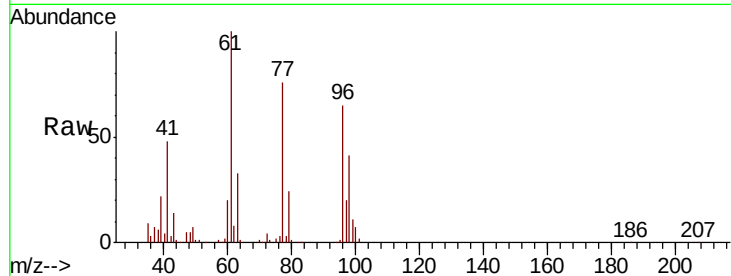


#27

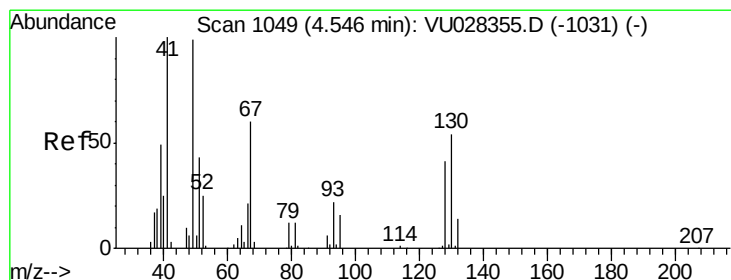
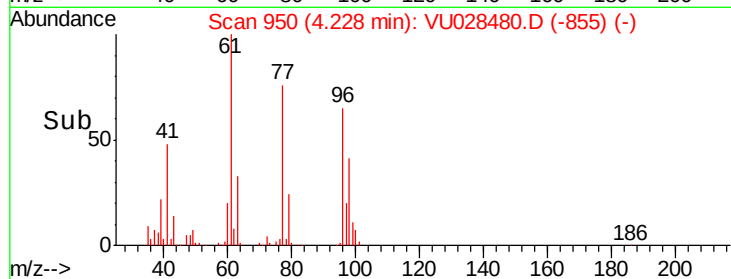
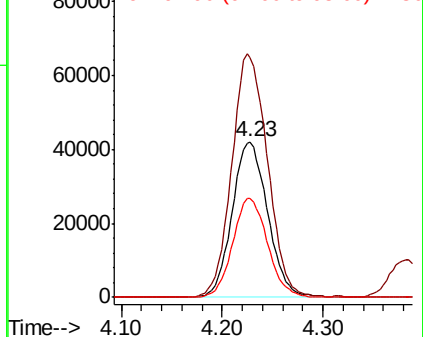
cis-1,2-Dichloroethene
 Concen: 22.150 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

Tot Ion: 96 Resp: 102876
 Ion Ratio Lower Upper
 96 100
 61 157.3 0.0 342.0
 98 62.3 0.0 126.4



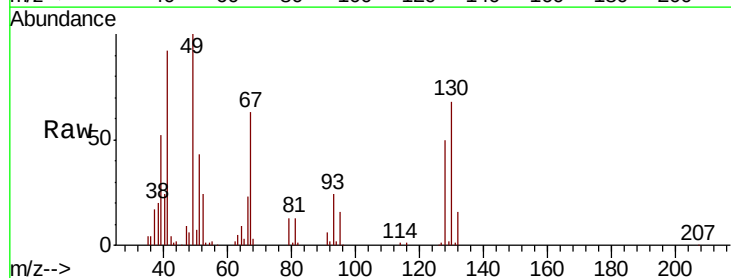
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



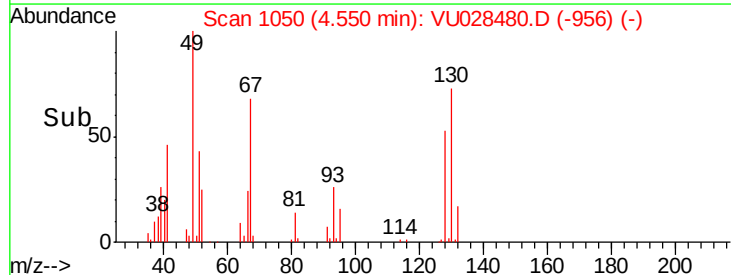
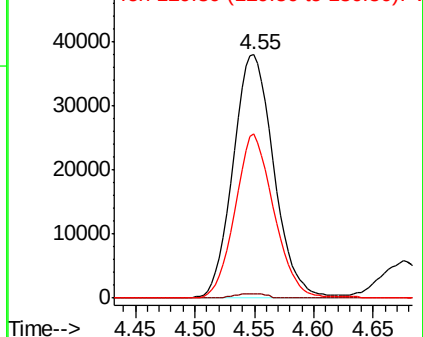
#28

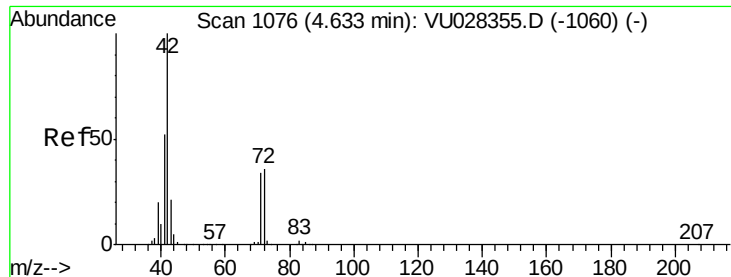
Bromochloromethane
 Concen: 20.985 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 49 Resp: 90115
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.6
 130 64.1 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

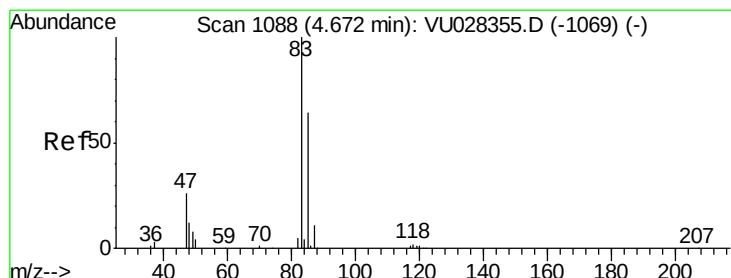
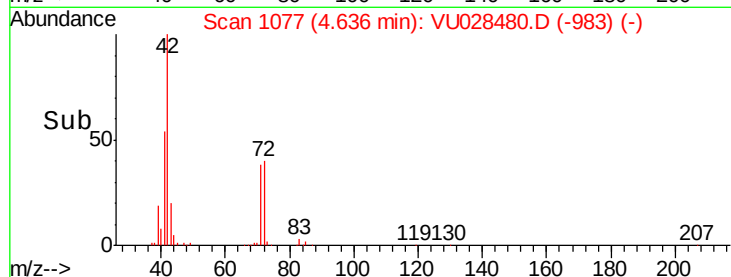
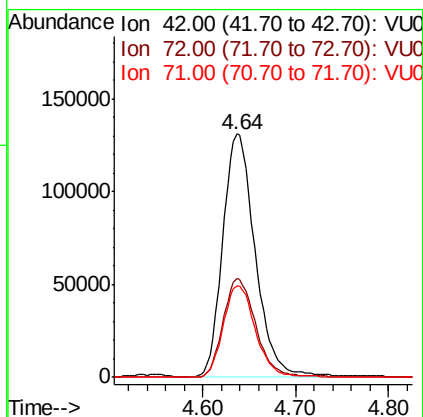
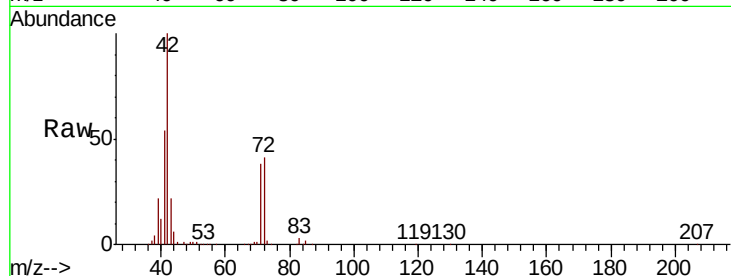




#29
Tetrahydrofuran
Concen: 105.195 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

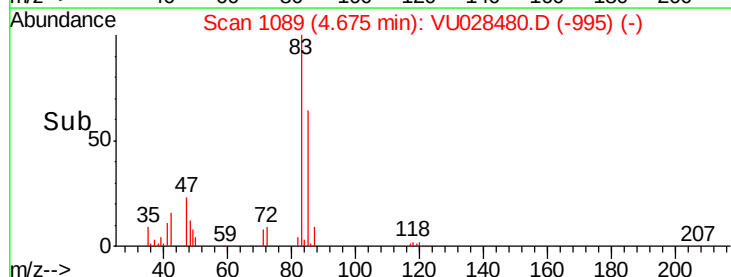
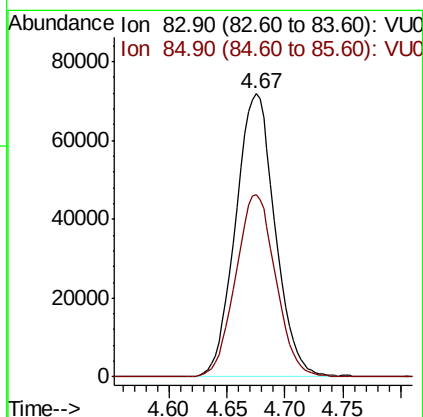
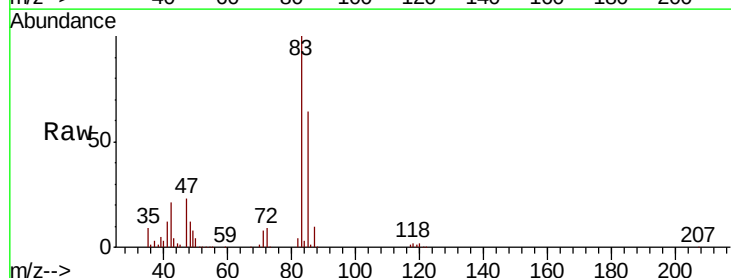
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

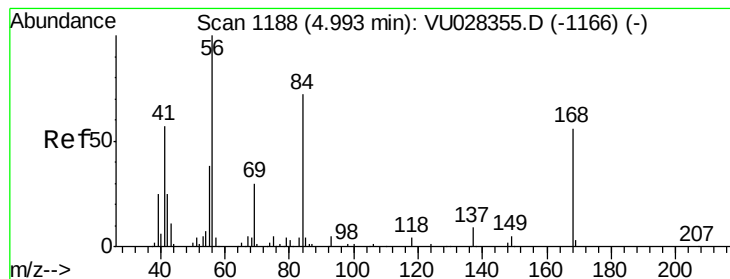
Tot Ion: 42 Resp: 317206
Ion Ratio Lower Upper
42 100
72 41.0 29.5 44.3
71 37.8 27.7 41.5



#30
Chloroform
Concen: 21.455 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 83 Resp: 170071
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8





#31

Cyclohexane

Concen: 20.153 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

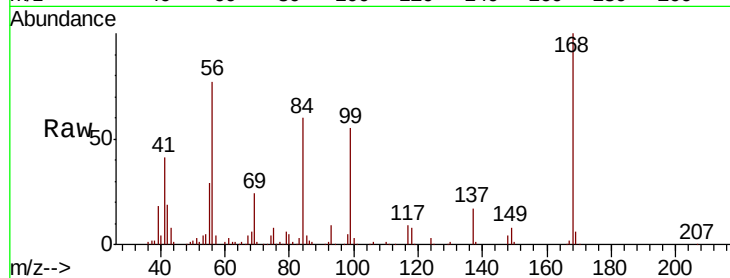
Tot Ion: 56 Resp: 179699

Ion Ratio Lower Upper

56 100

69 31.5 23.7 35.5

84 76.9 57.3 85.9

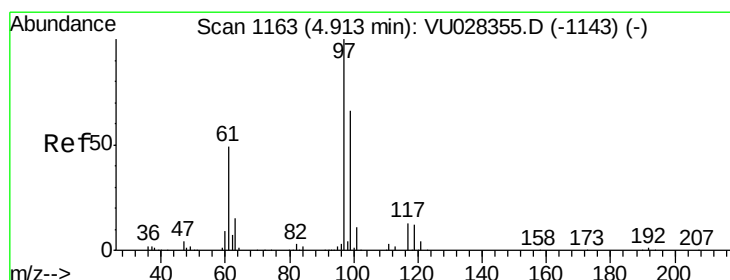
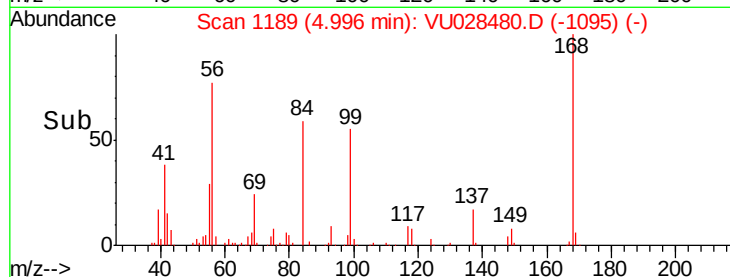
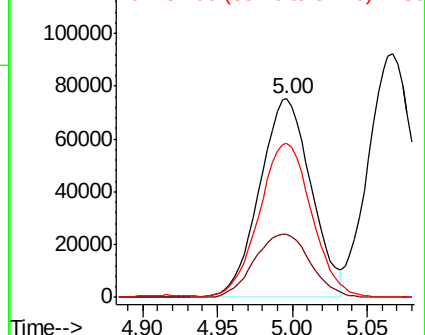


Abundance

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: 21.398 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

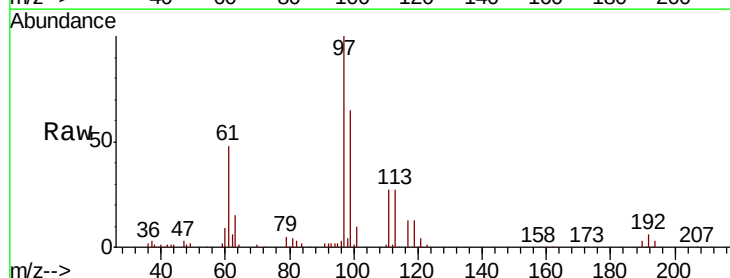
Tgt Ion: 97 Resp: 136109

Ion Ratio Lower Upper

97 100

99 65.2 50.8 76.2

61 47.8 39.1 58.7

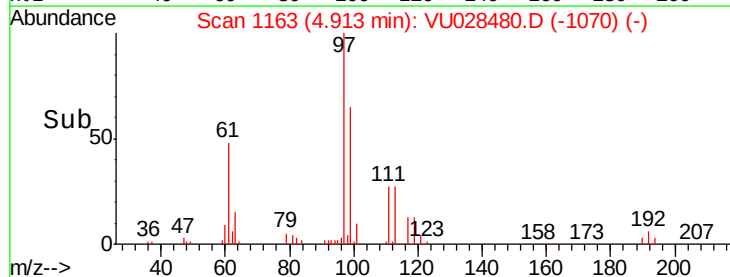
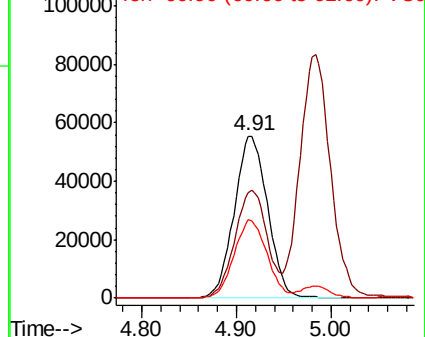


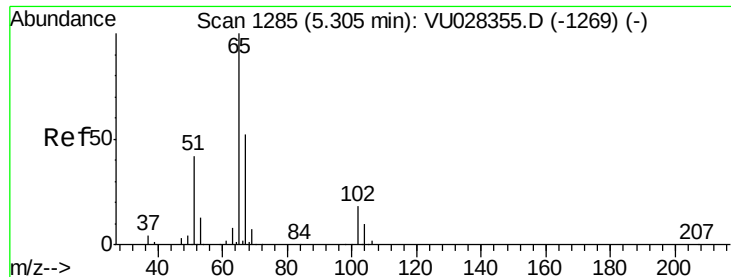
Abundance

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

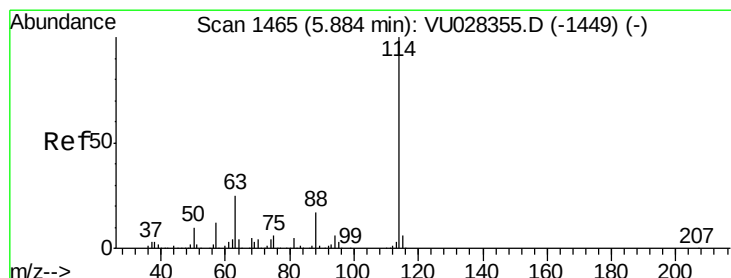
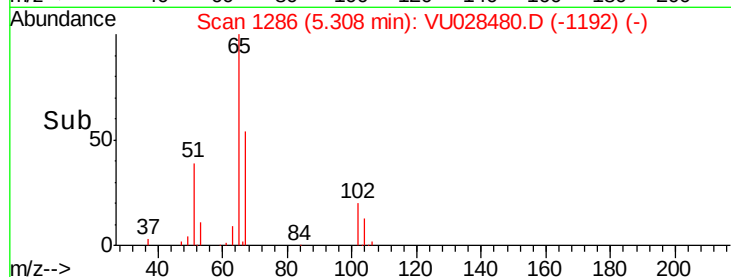
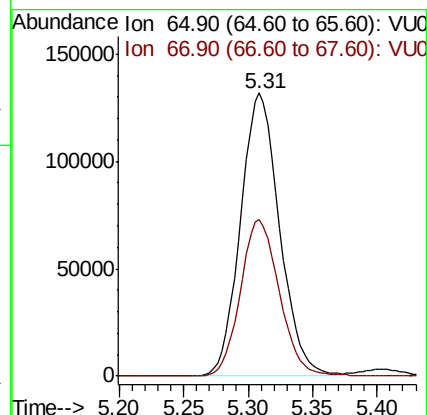
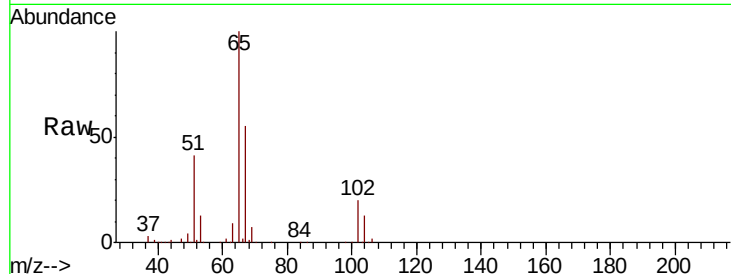




#33
 1,2-Dichloroethane-d4
 Concen: 52.469 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

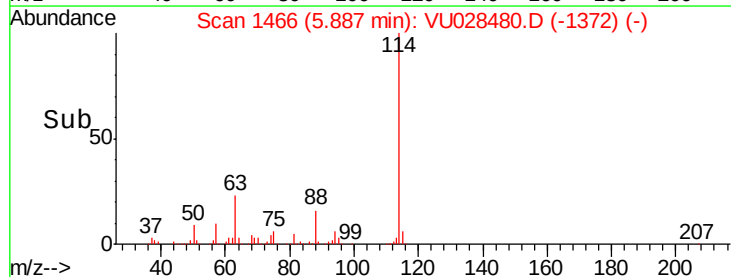
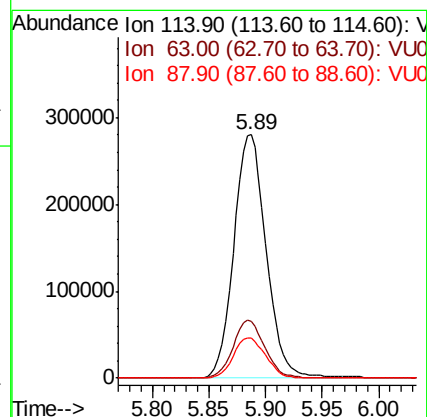
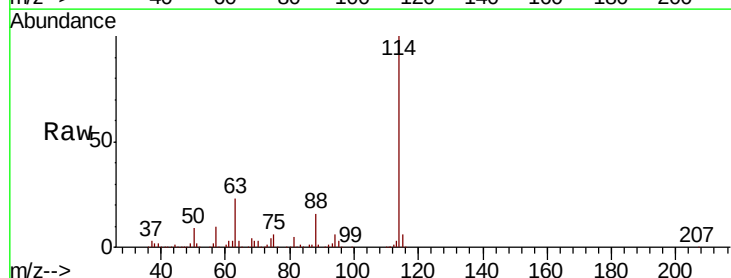
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

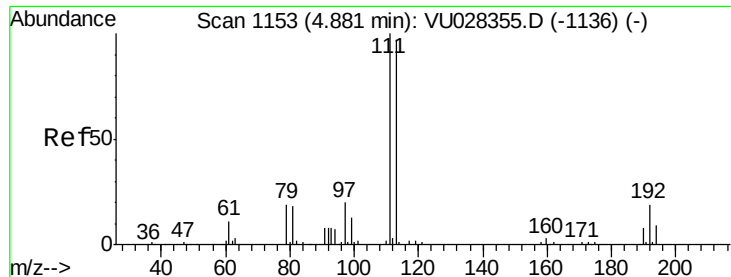
Tot Ion: 65 Resp: 277956
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 114 Resp: 556494
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 50.0
 88 16.3 0.0 34.4

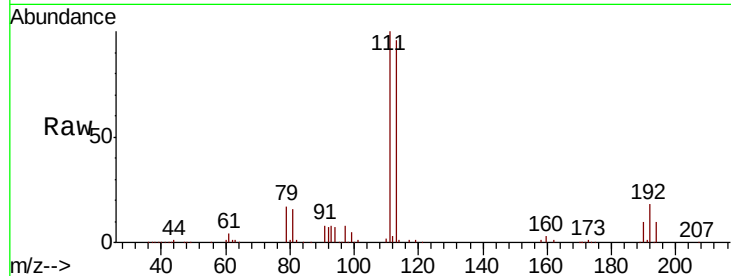




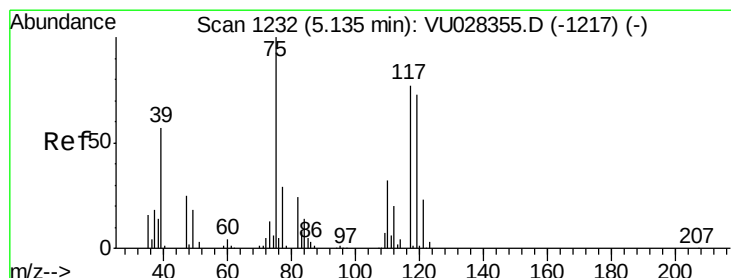
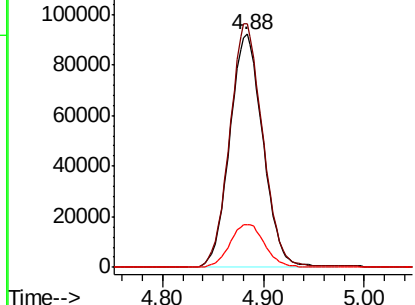
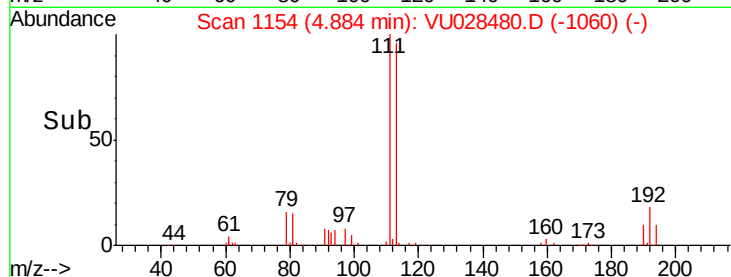
#35
 Dibromofluoromethane
 Concen: 56.929 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	19.5	15.4	23.0

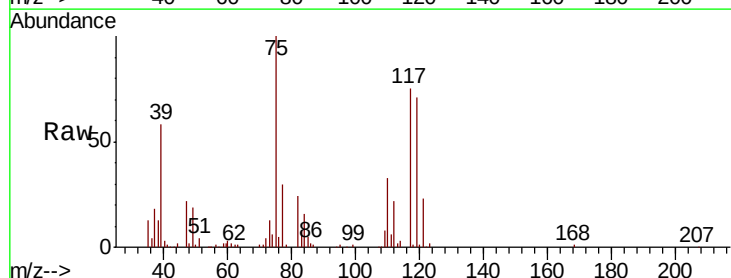


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

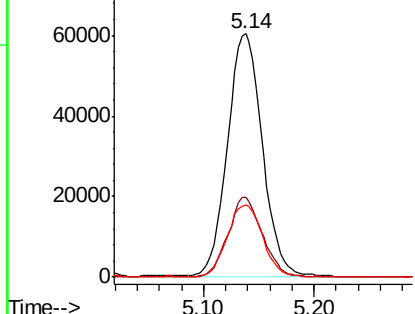
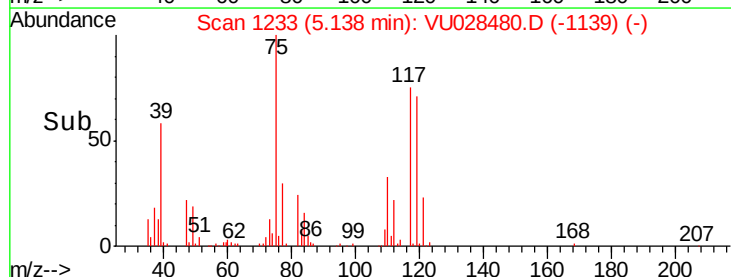


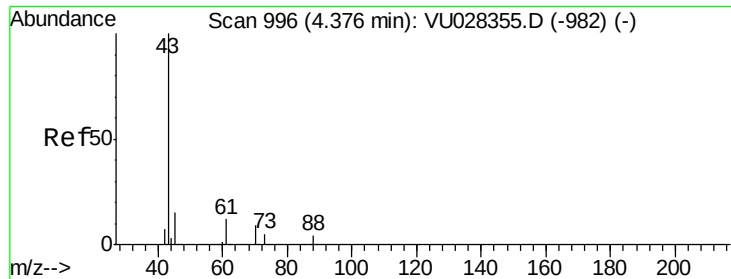
#36
 1,1-Dichloropropene
 Concen: 21.670 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	15.8	47.4
77	30.4	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

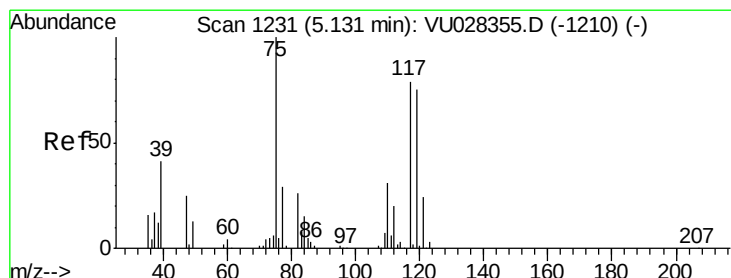
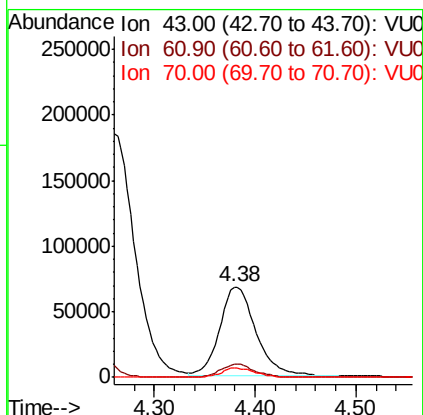
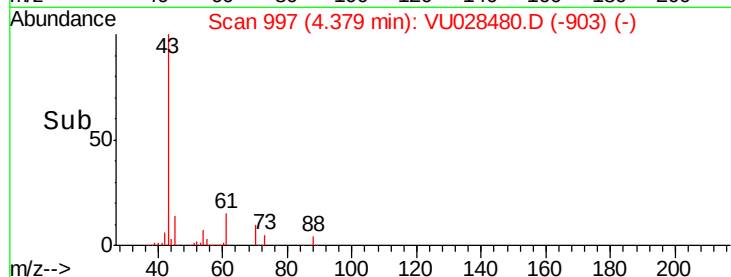
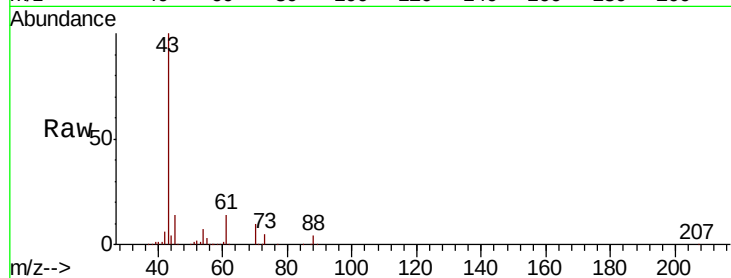




#37
Ethyl Acetate
Concen: 20.675 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

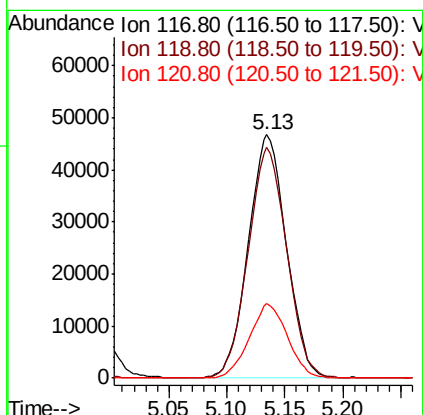
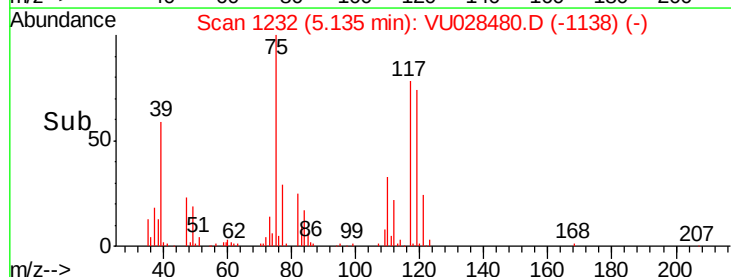
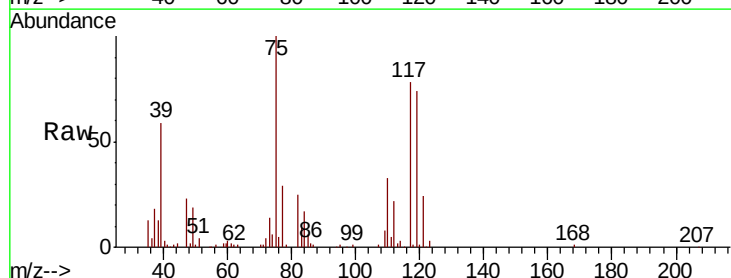
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

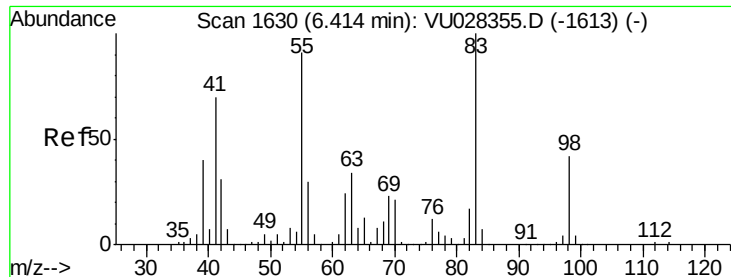
Tot Ion: 43 Resp: 171577
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.4
70 9.8 6.9 10.3



#38
Carbon Tetrachloride
Concen: 21.434 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 117 Resp: 107185
Ion Ratio Lower Upper
117 100
119 94.7 76.3 114.5
121 30.9 24.7 37.1

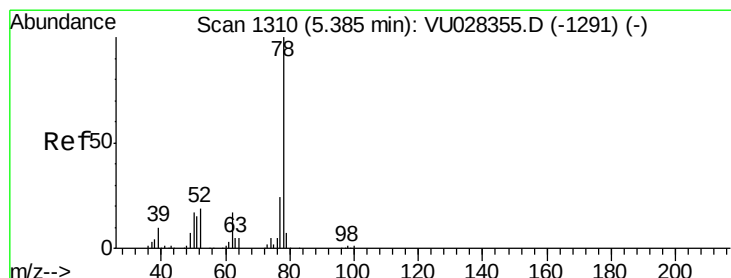
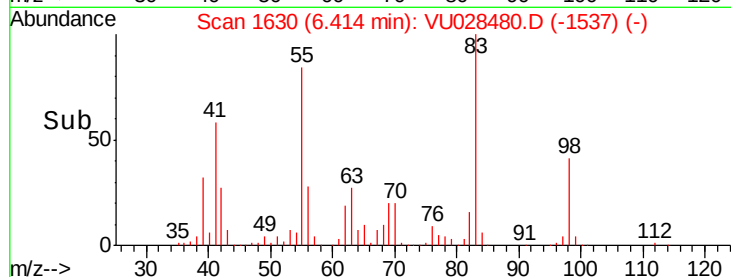
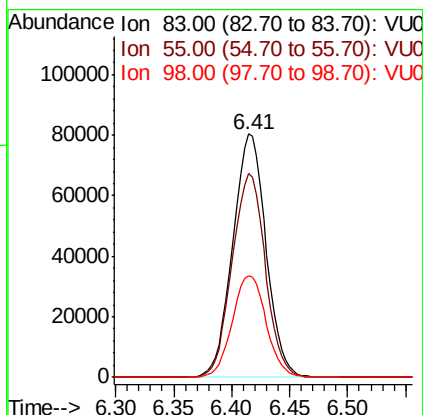
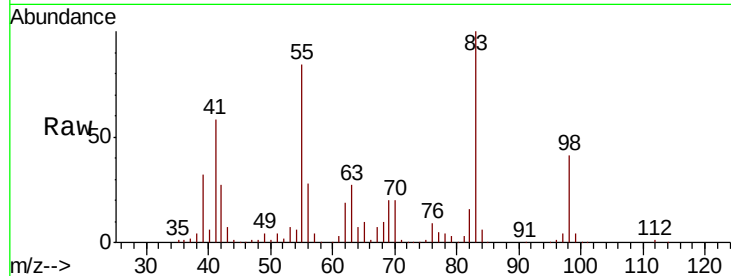




#39
Methylvlcyclohexane
Concen: 22.249 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

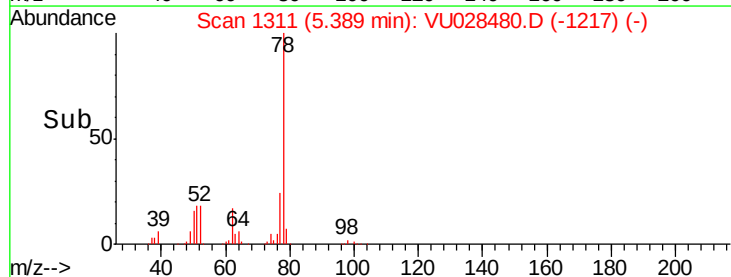
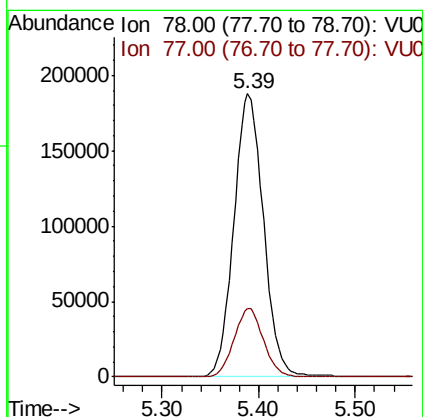
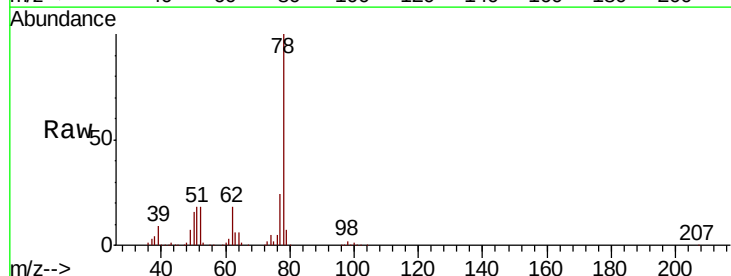
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

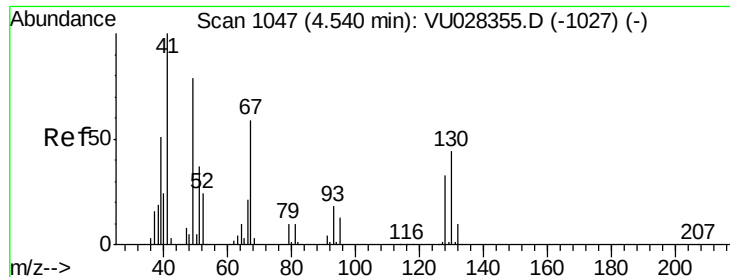
Tot Ion: 83 Resp: 159743
Ion Ratio Lower Upper
83 100
55 83.5 73.1 109.7
98 41.5 33.9 50.9



#40
Benzene
Concen: 22.138 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 78 Resp: 399276
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

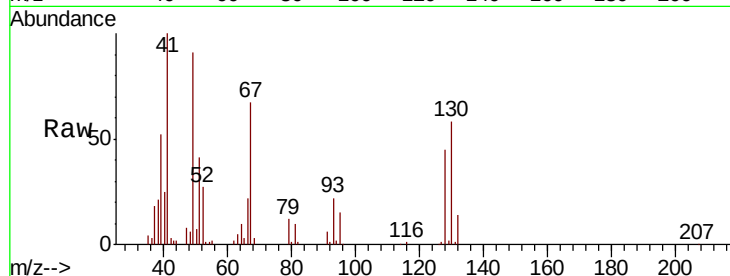




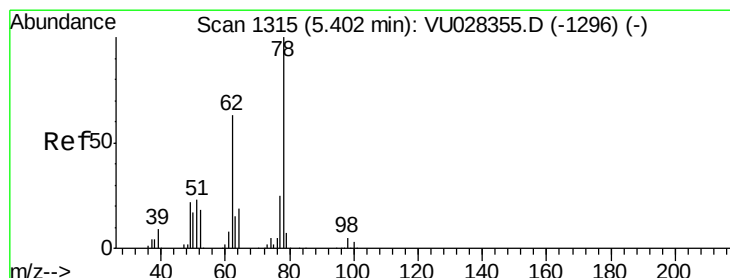
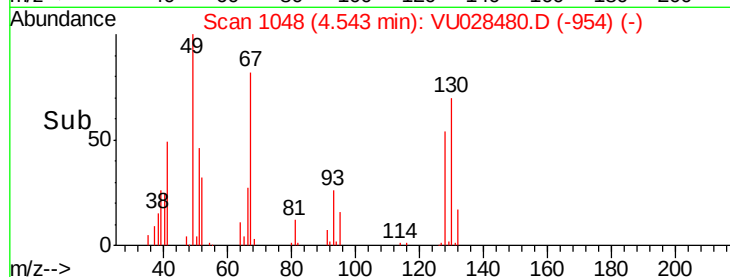
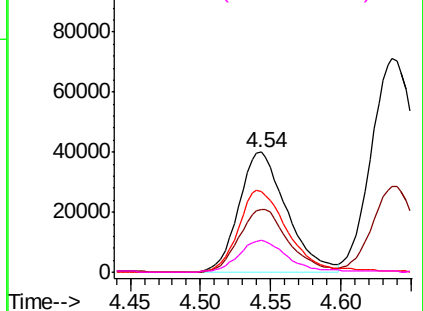
#41
Methacrylonitrile
Concen: 20.603 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

Tot Ion:	41	Resp:	94953
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.3	61.9
67	70.6	48.6	73.0
52	26.0	19.4	29.0

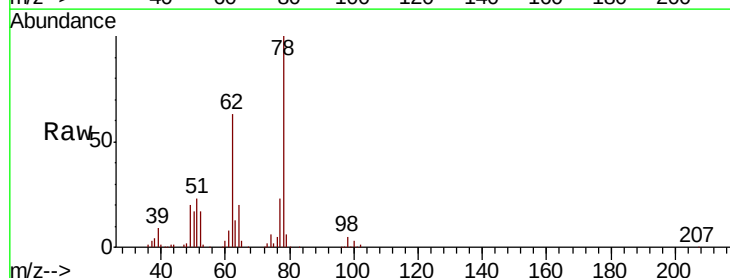


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

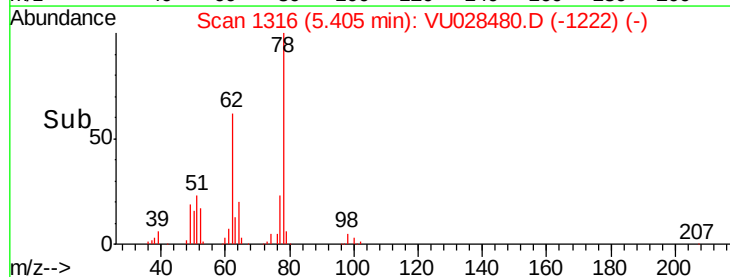
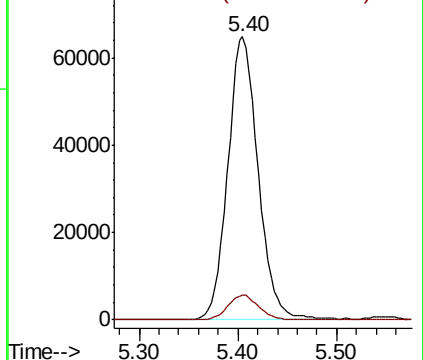


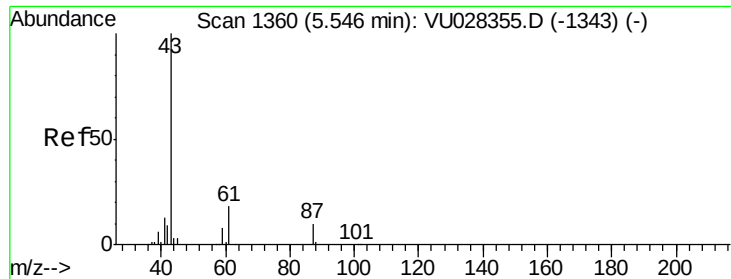
#42
1,2-Dichloroethane
Concen: 21.444 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion:	62	Resp:	139333
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 20.657 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

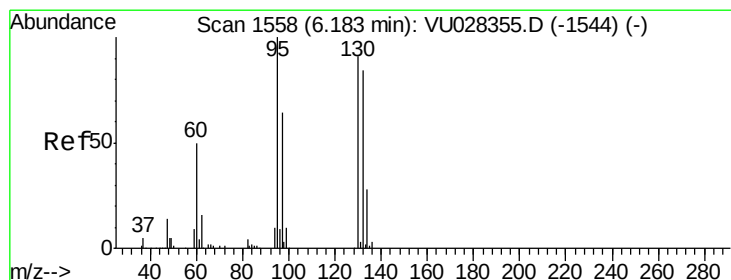
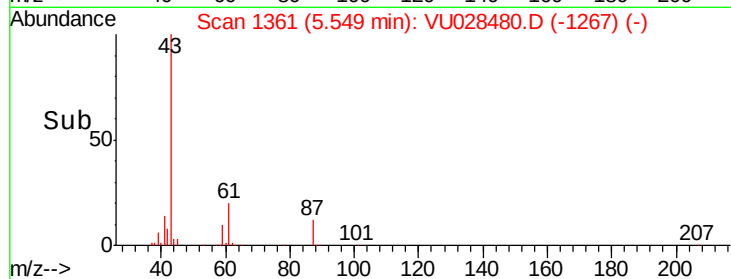
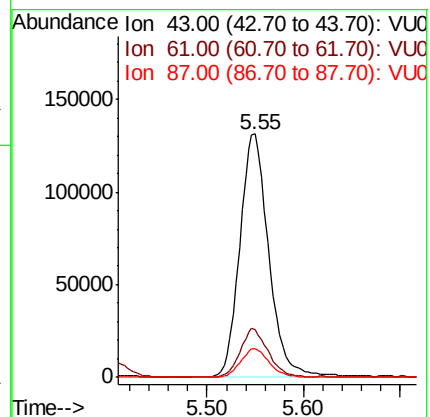
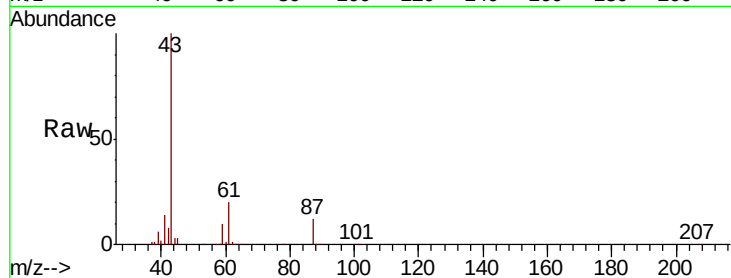
Tot Ion: 43 Resp: 271656

Ion Ratio Lower Upper

43 100

61 19.5 14.5 21.7

87 11.7 8.4 12.6



#44

Trichloroethene

Concen: 24.705 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028480.D

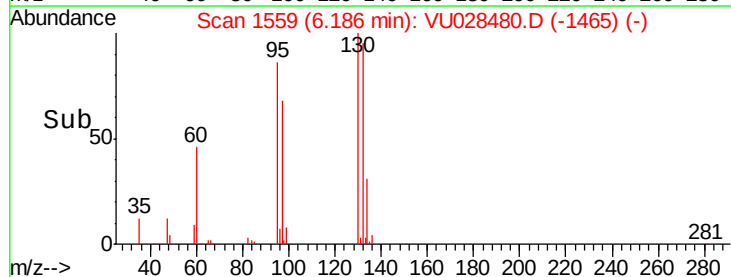
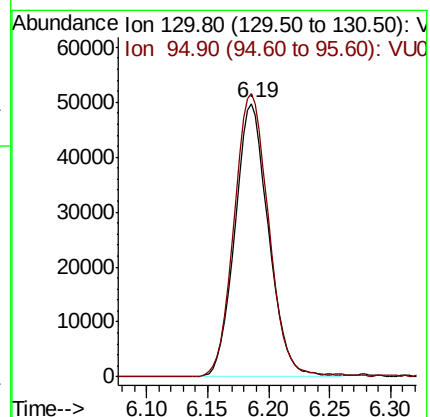
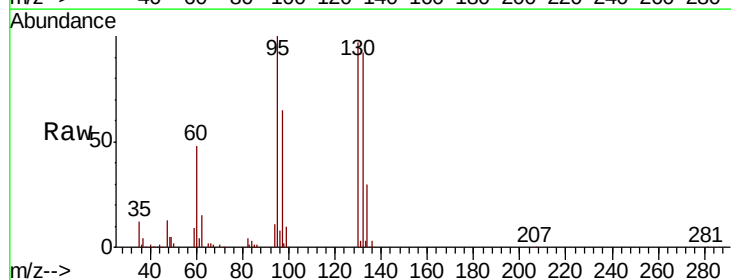
Acq: 05 Dec 2018 15:11

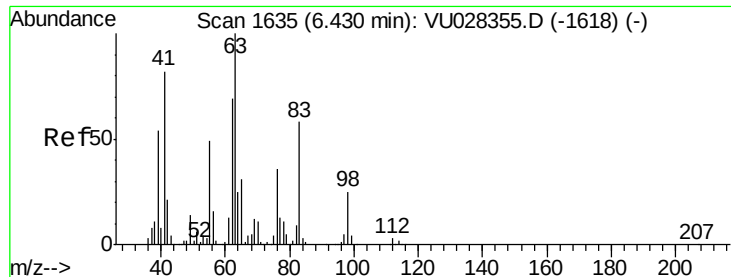
Tgt Ion:130 Resp: 95511

Ion Ratio Lower Upper

130 100

95 103.5 0.0 219.8

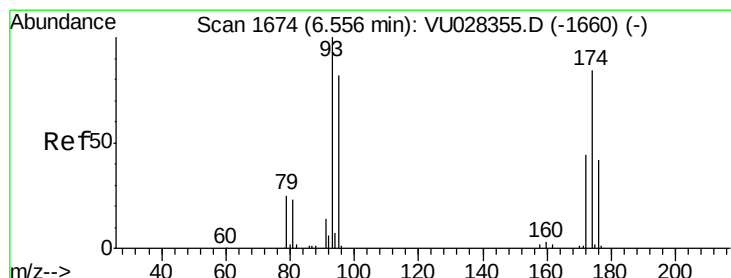
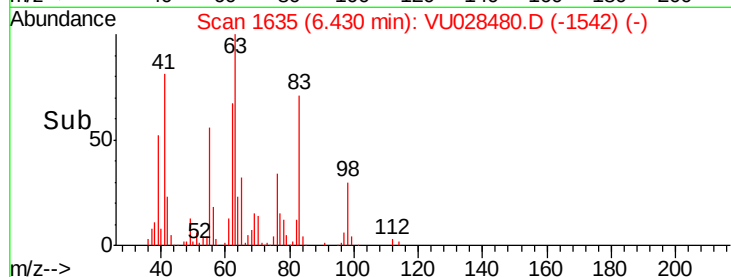
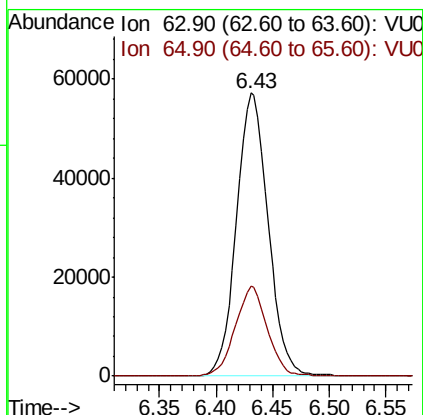
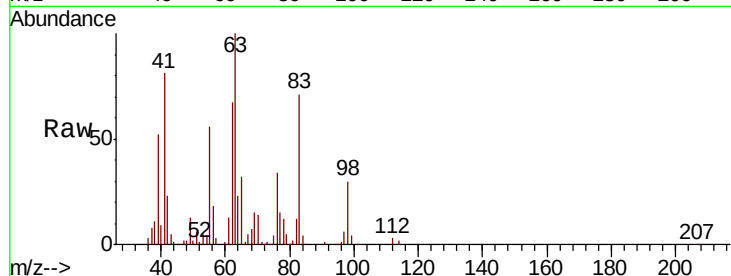




#45
 1,2-Dichloropropane
 Concen: 21.168 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

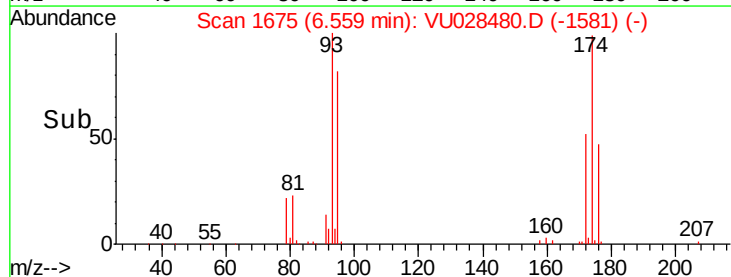
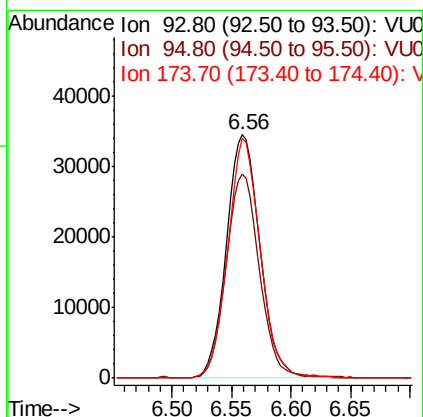
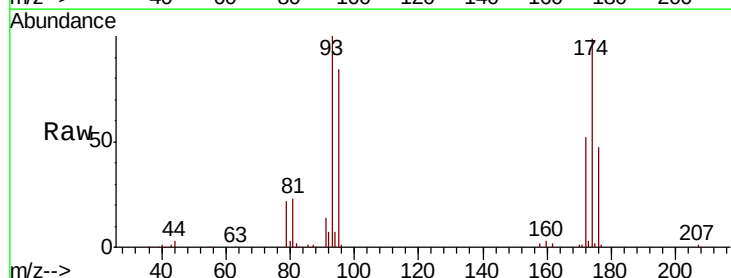
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

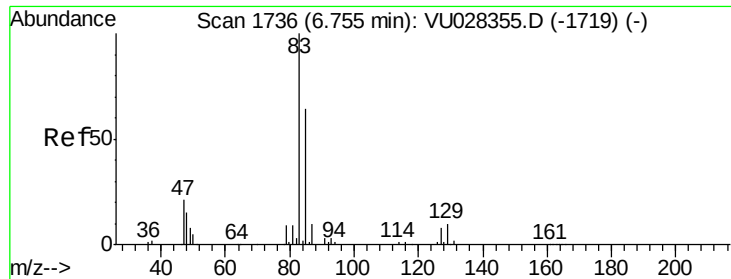
Tot Ion: 63 Resp: 111806
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.1 37.7



#46
 Dibromomethane
 Concen: 22.179 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 93 Resp: 67286
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.1 97.7
 174 95.2 69.9 104.9





#47

Bromodichloromethane

Concen: 21.085 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

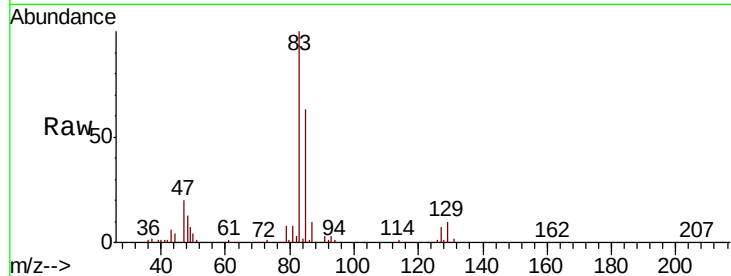
Tot Ion: 83 Resp: 127237

Ion Ratio Lower Upper

83 100

85 63.4 50.9 76.3

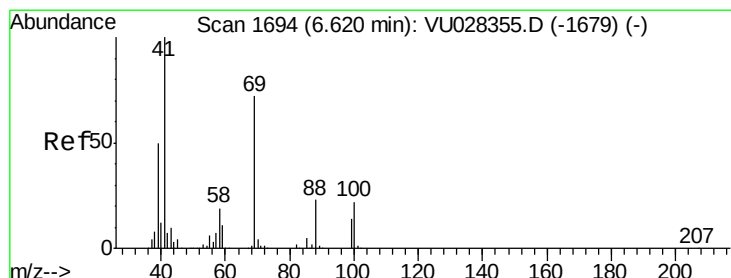
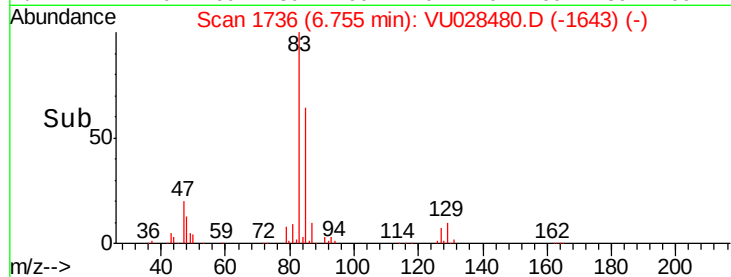
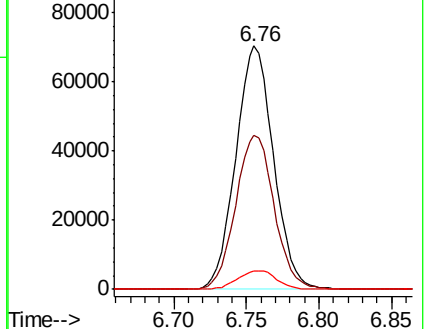
127 7.3 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU028480.D (-1643) (-)

Ion 84.90 (84.60 to 85.60): VU028480.D (-1643) (-)

Ion 126.80 (126.50 to 127.50): VU028480.D (-1643) (-)



#48

Methyl methacrylate

Concen: 19.652 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

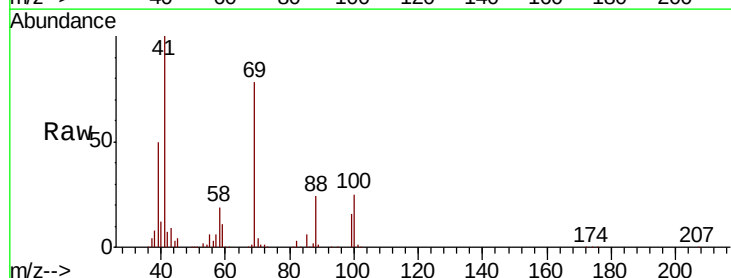
Tgt Ion: 41 Resp: 134620

Ion Ratio Lower Upper

41 100

69 78.7 59.0 88.4

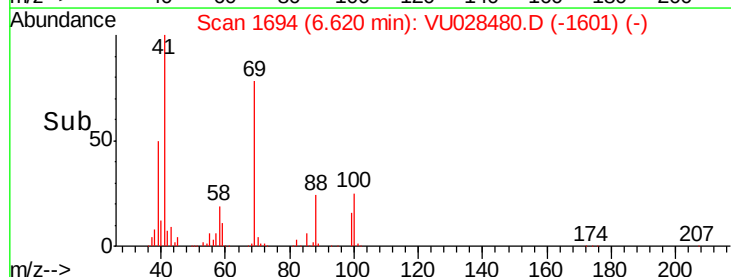
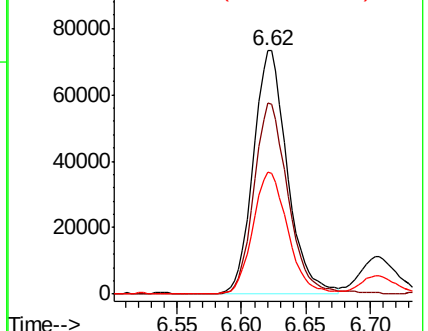
39 51.7 40.5 60.7

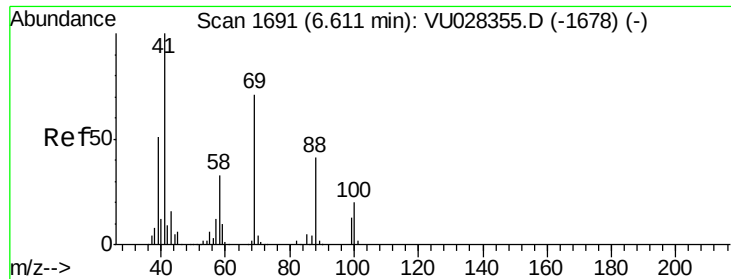


Abundance Ion 41.00 (40.70 to 41.70): VU028480.D (-1601) (-)

Ion 69.00 (68.70 to 69.70): VU028480.D (-1601) (-)

Ion 39.00 (38.70 to 39.70): VU028480.D (-1601) (-)





#49

1,4-Dioxane

Concen: 392.174 ug/l

RT: 6.61 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

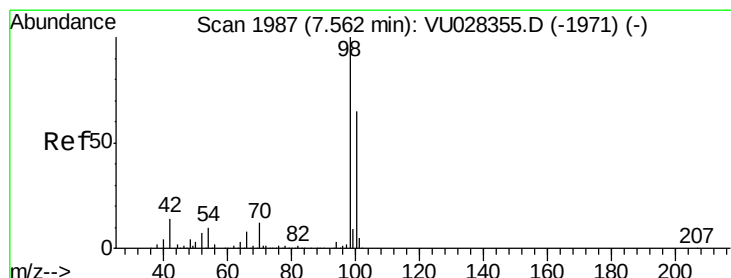
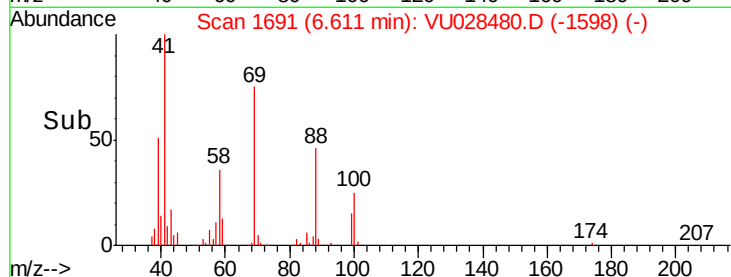
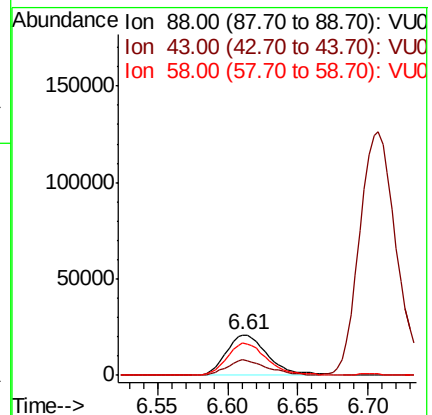
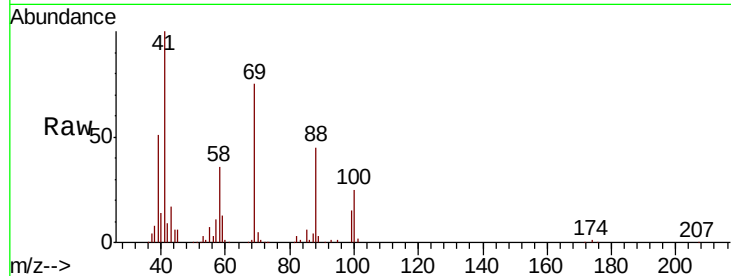
Tot Ion: 88 Resp: 42917

Ion Ratio Lower Upper

88 100

43 36.3 32.6 48.8

58 77.7 68.7 103.1



#50

Toluene-d8

Concen: 57.075 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU028480.D

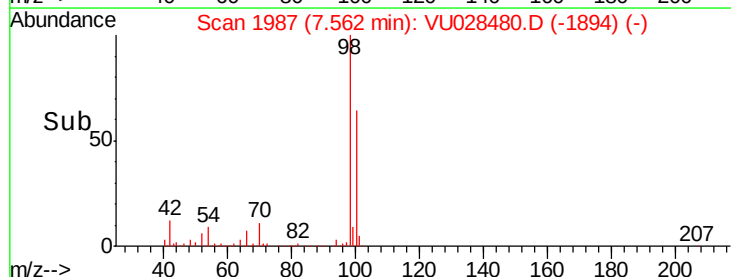
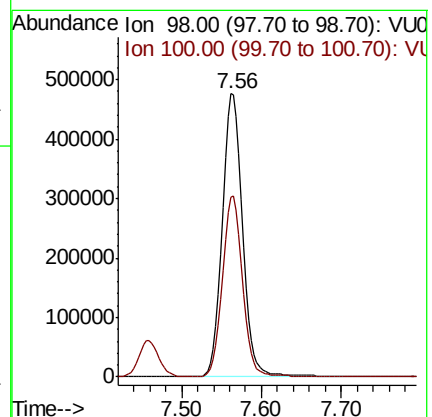
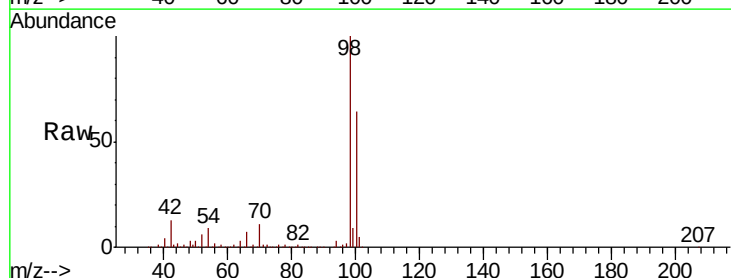
Acq: 05 Dec 2018 15:11

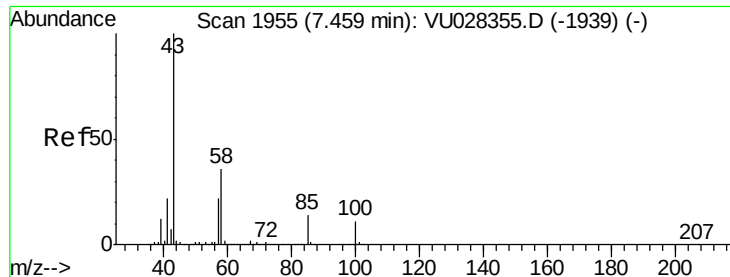
Tgt Ion: 98 Resp: 844664

Ion Ratio Lower Upper

98 100

100 62.5 50.8 76.2

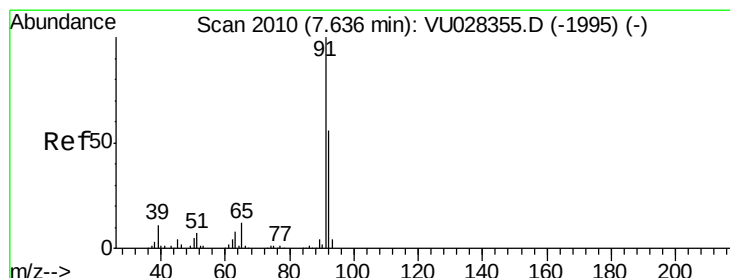
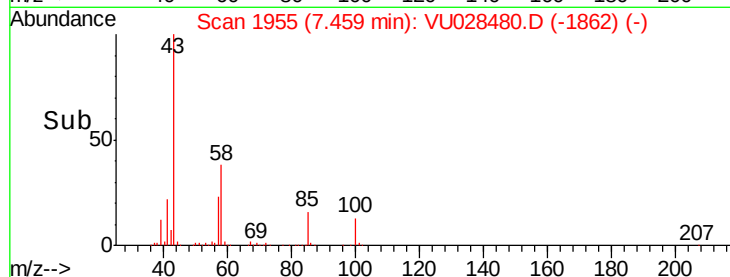
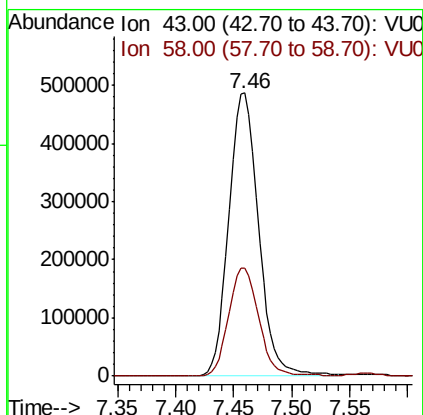
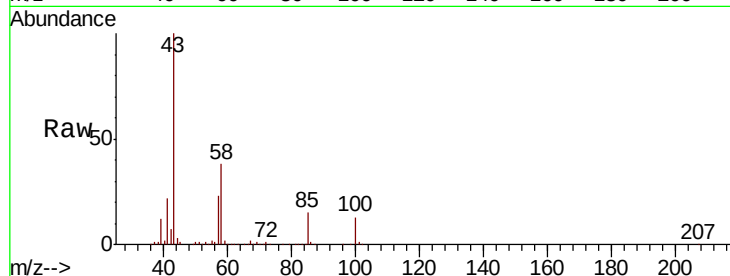




#51
 4-Methyl-2-Pentanone
 Concen: 103.046 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

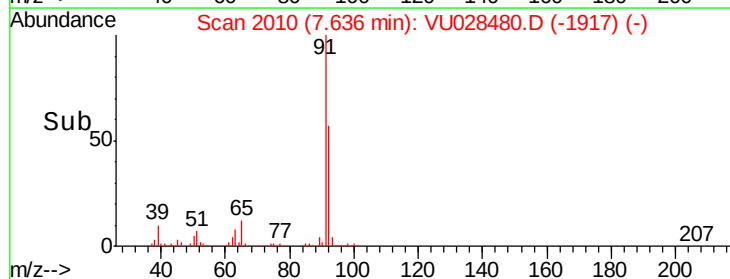
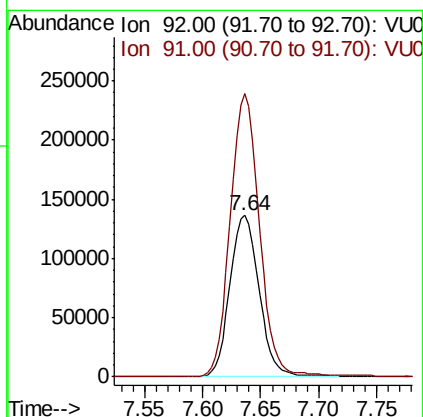
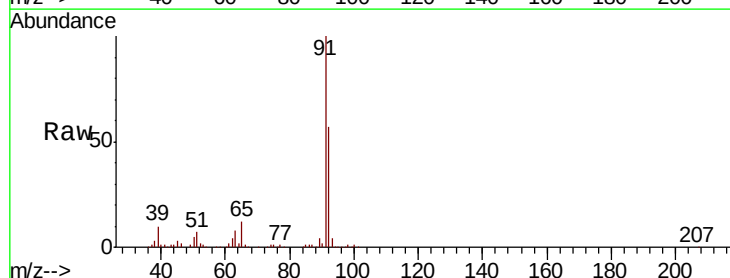
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

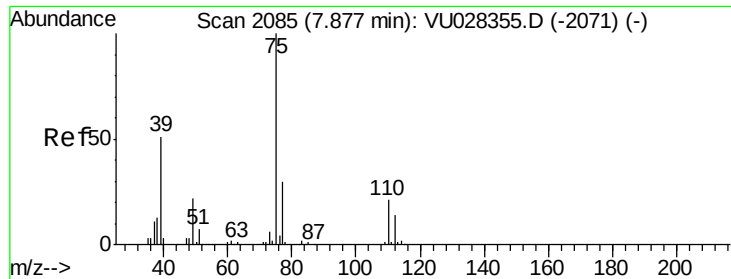
Tot Ion: 43 Resp: 865496
 Ion Ratio Lower Upper
 43 100
 58 38.6 28.8 43.2



#52
 Toluene
 Concen: 23.080 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 92 Resp: 239712
 Ion Ratio Lower Upper
 92 100
 91 174.4 141.8 212.6





#53

t-1,3-Dichloropropene

Concen: 21.061 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

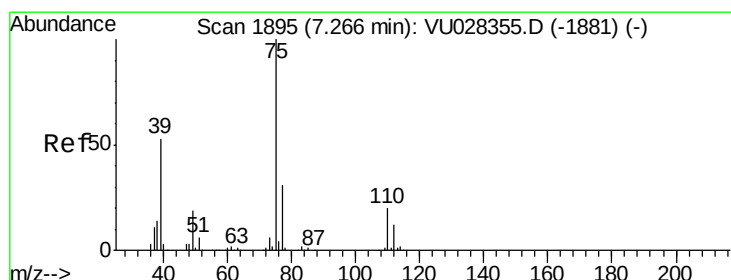
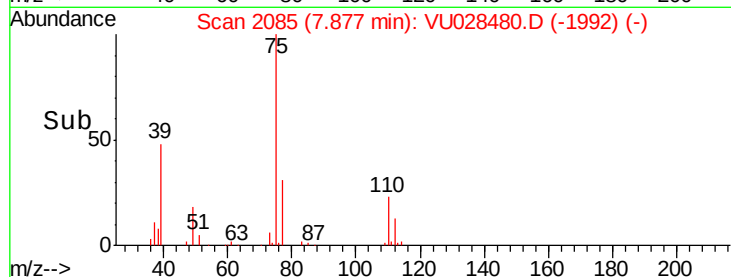
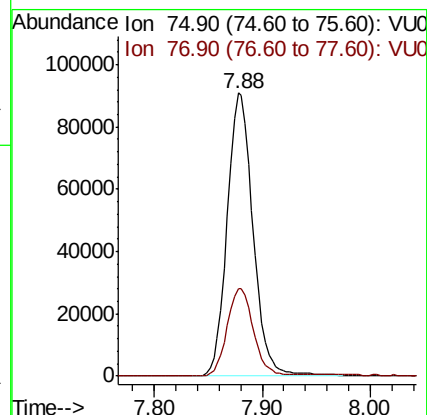
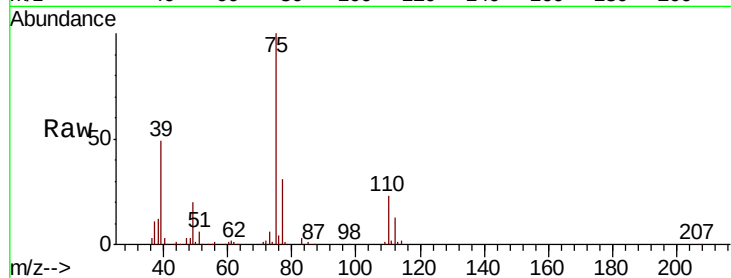
VU1205WBSD01

Tot Ion: 75 Resp: 151972

Ion Ratio Lower Upper

75 100

77 31.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 21.335 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

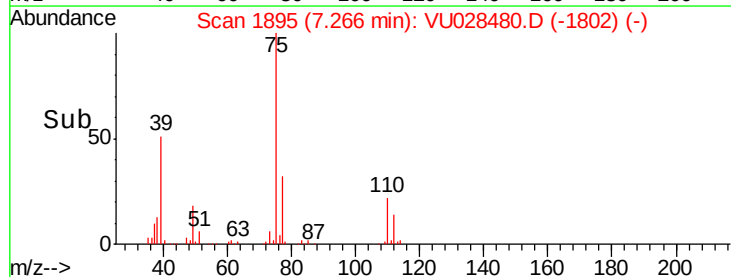
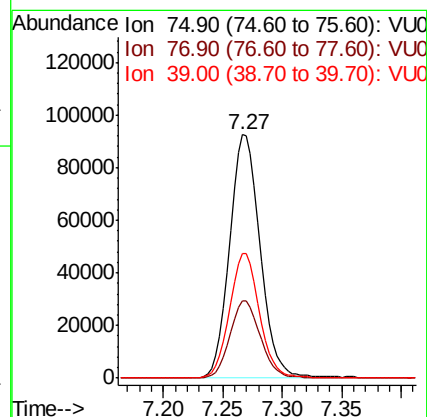
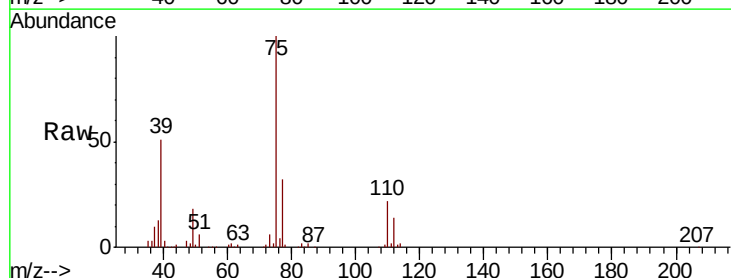
Tgt Ion: 75 Resp: 164923

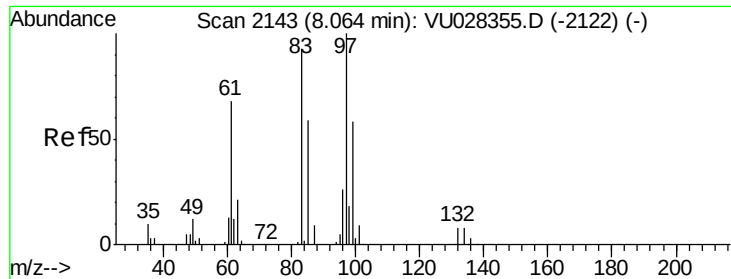
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 51.0 42.6 64.0

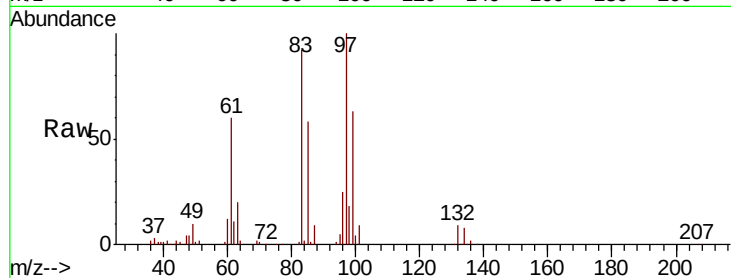




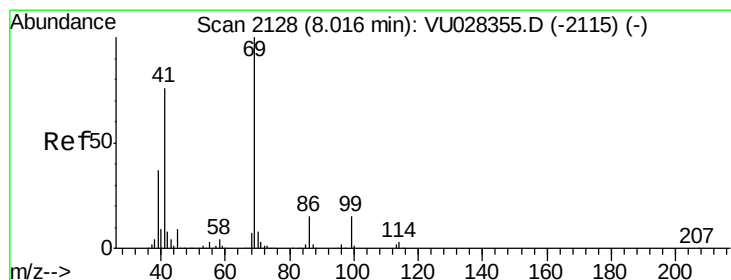
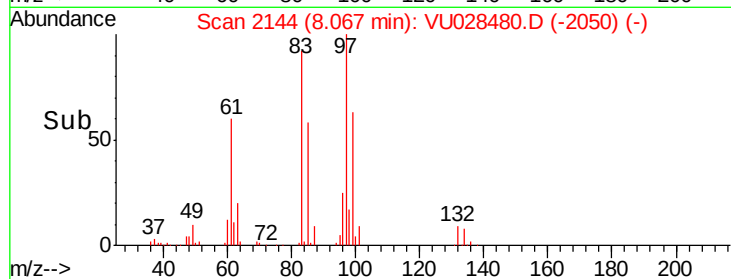
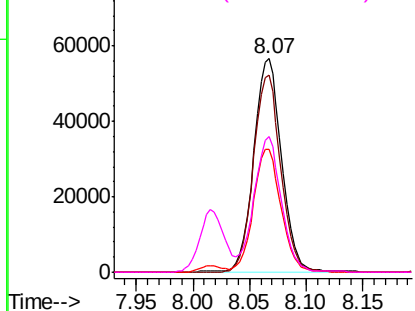
#55
 1,1,2-Trichloroethane
 Concen: 22.487 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

Tot Ion: 97 Resp: 97200
 Ion Ratio Lower Upper
 97 100
 83 92.2 74.3 111.5
 85 57.4 47.2 70.8
 99 62.9 48.9 73.3

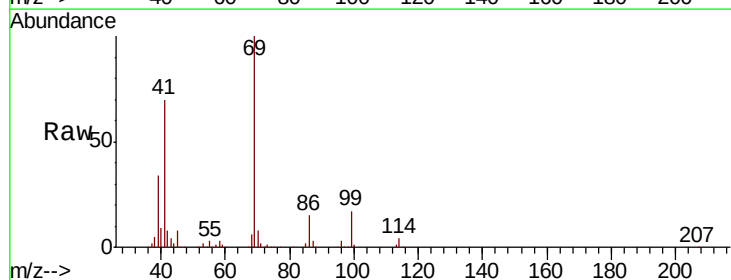


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

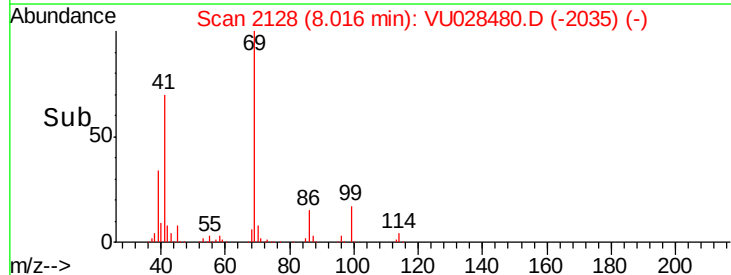
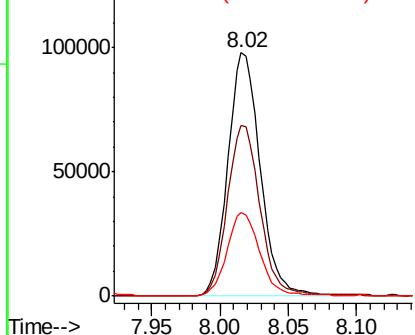


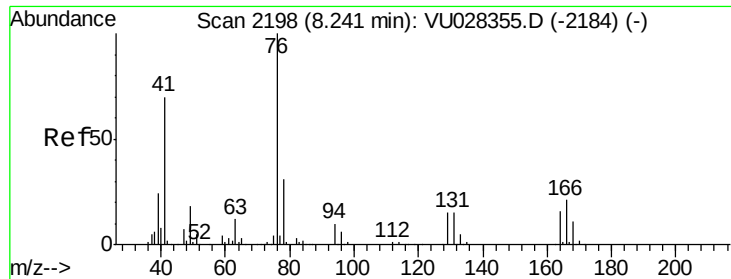
#56
 Ethyl methacrylate
 Concen: 22.012 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 69 Resp: 161868
 Ion Ratio Lower Upper
 69 100
 41 71.1 60.0 90.0
 39 34.6 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

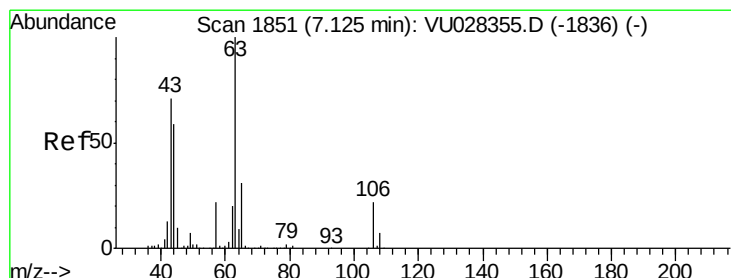
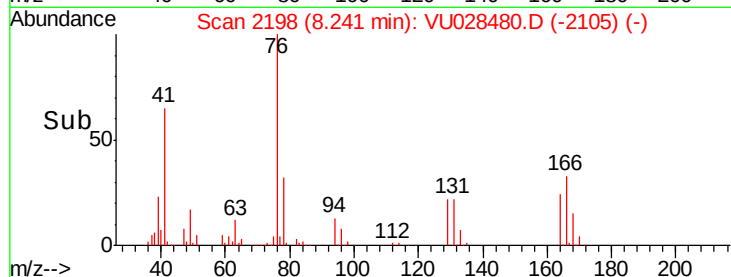
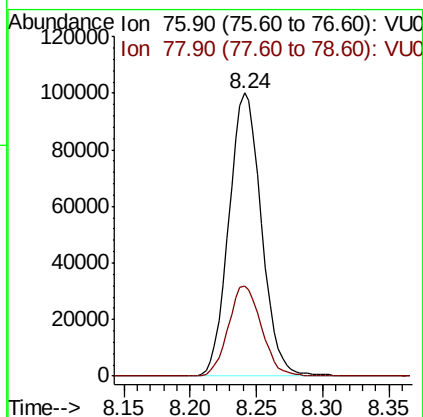
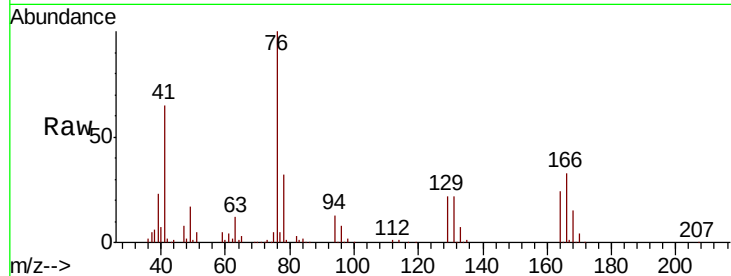




#57
 1,3-Dichloropropane
 Concen: 21.551 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

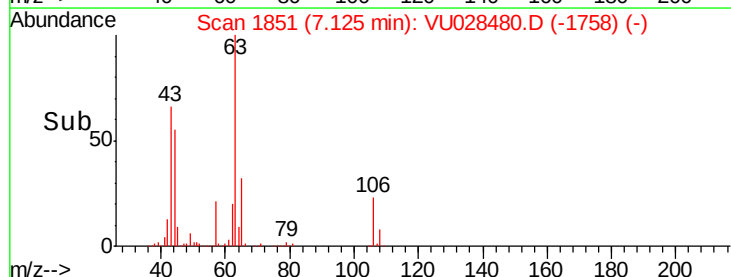
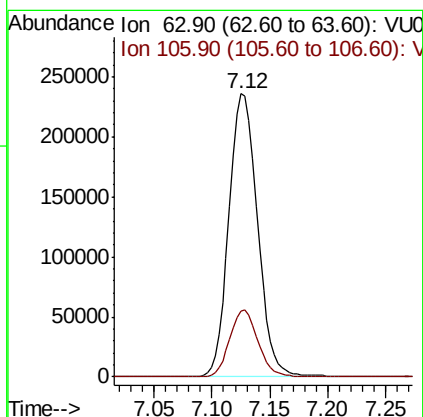
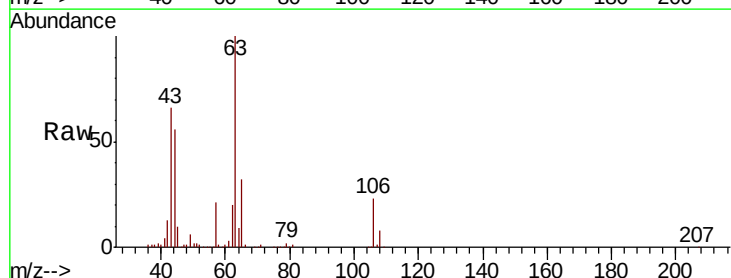
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

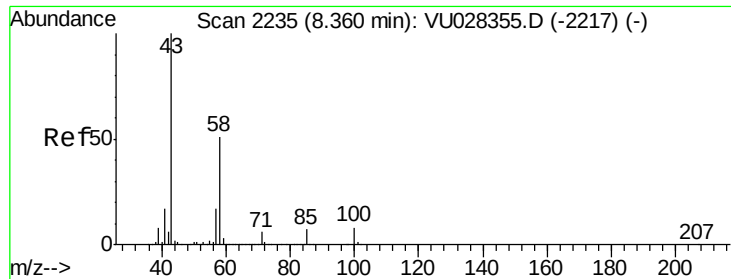
Tot Ion: 76 Resp: 170832
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.614 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 63 Resp: 405121
 Ion Ratio Lower Upper
 63 100
 106 23.2 17.3 25.9

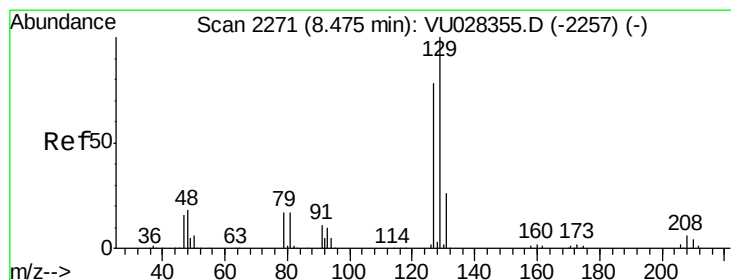
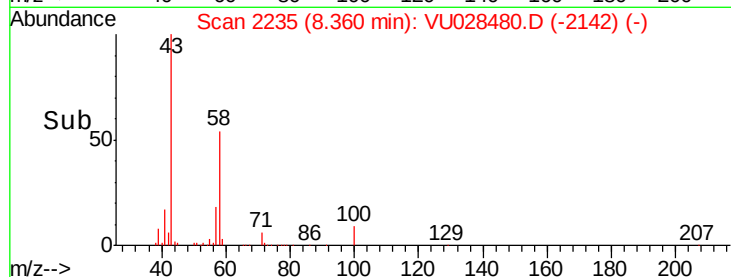
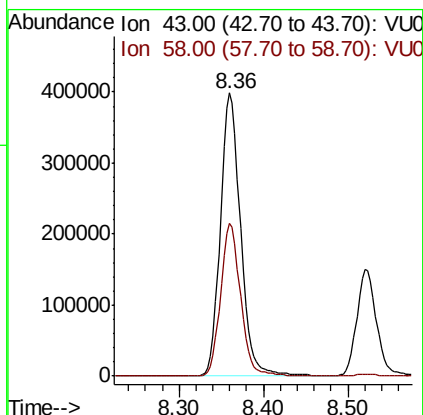
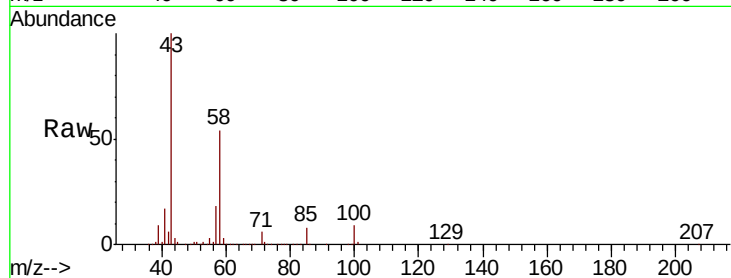




#59
2-Hexanone
Concen: 101.970 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

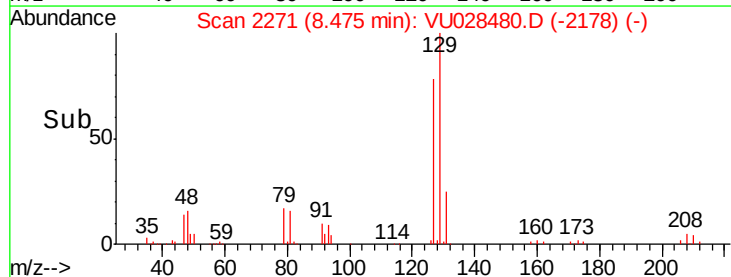
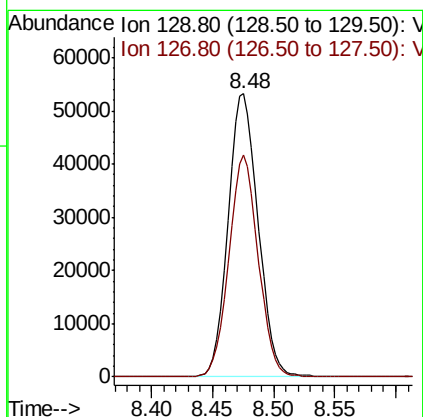
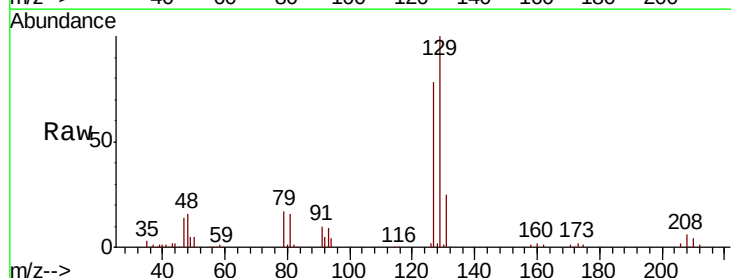
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

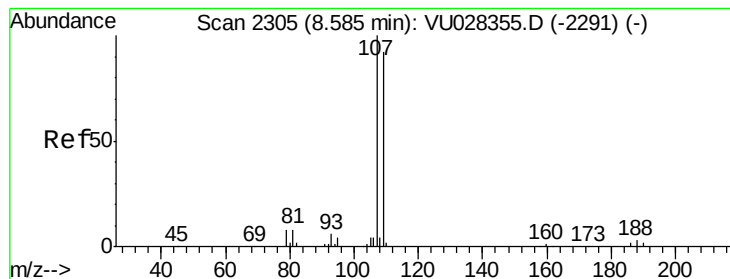
Tot Ion: 43 Resp: 663415
Ion Ratio Lower Upper
43 100
58 53.6 25.5 76.5



#60
Dibromochloromethane
Concen: 22.260 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 129 Resp: 91512
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 23.063 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

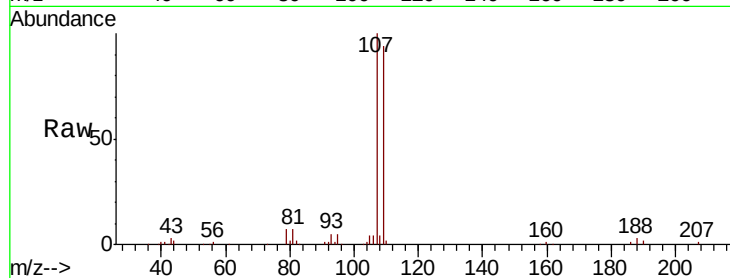
VU1205WBSD01

Tot Ion:107 Resp: 102103

Ion Ratio Lower Upper

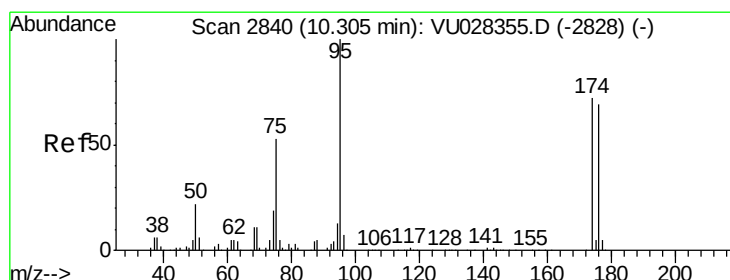
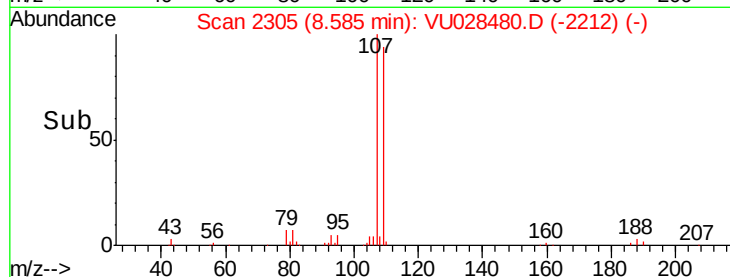
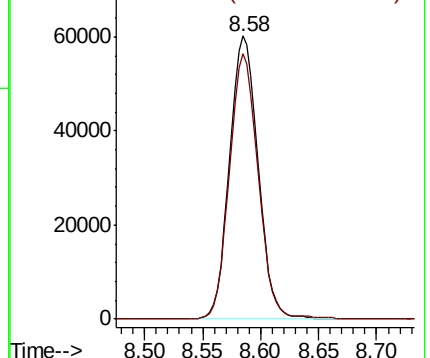
107 100

109 94.1 73.2 109.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 59.430 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

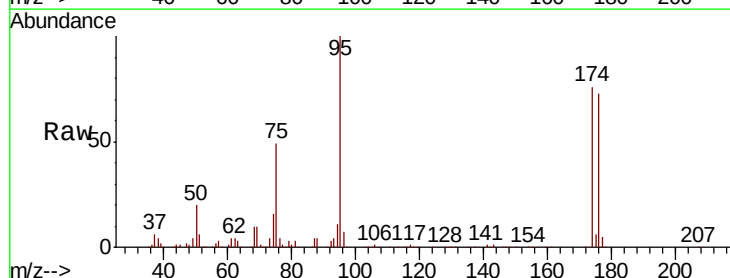
Tgt Ion: 95 Resp: 317006

Ion Ratio Lower Upper

95 100

174 76.3 0.0 145.4

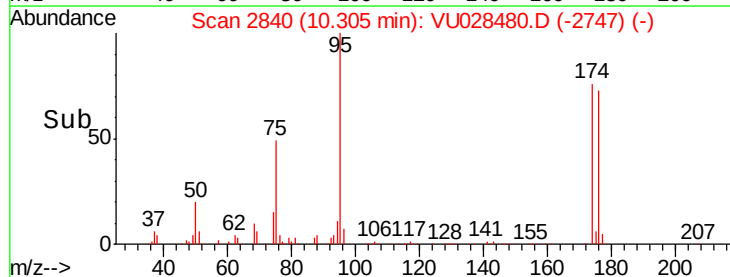
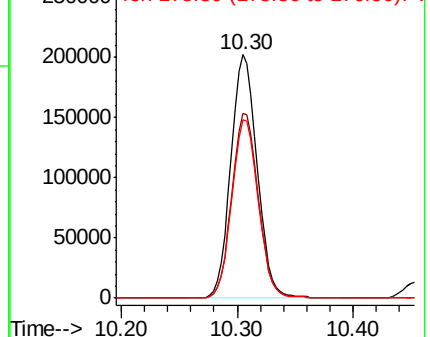
176 73.6 0.0 140.8

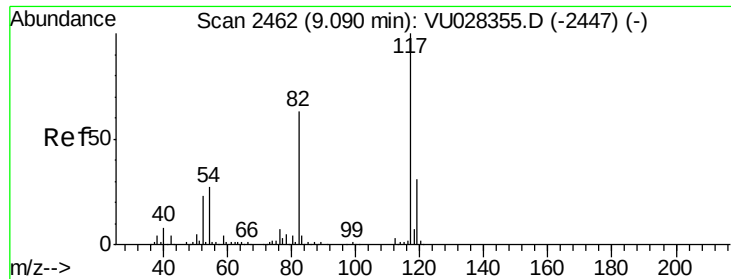


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

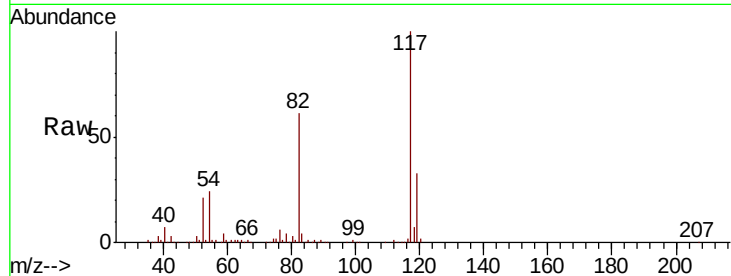




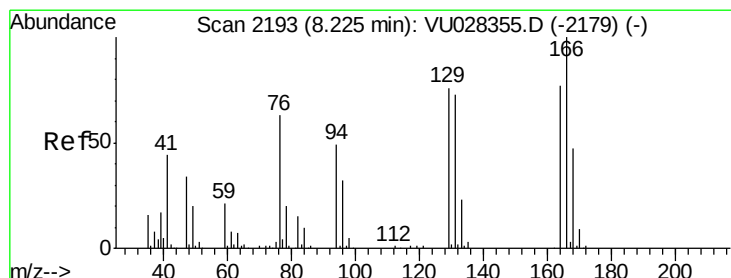
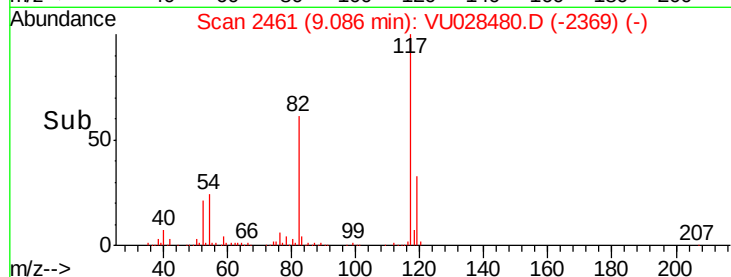
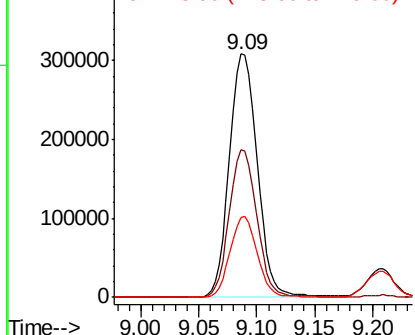
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

Tot Ion:117 Resp: 519183
Ion Ratio Lower Upper
117 100
82 60.7 50.3 75.5
119 32.6 24.8 37.2

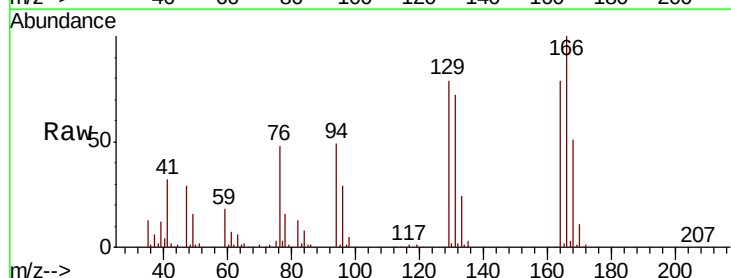


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

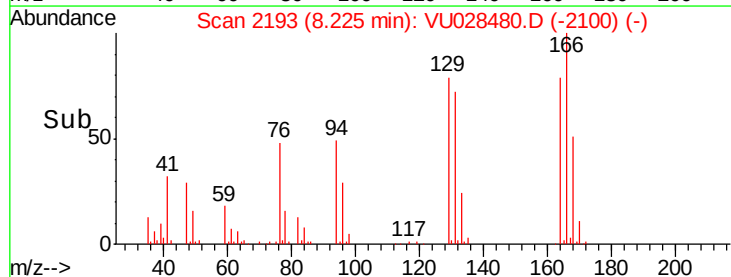
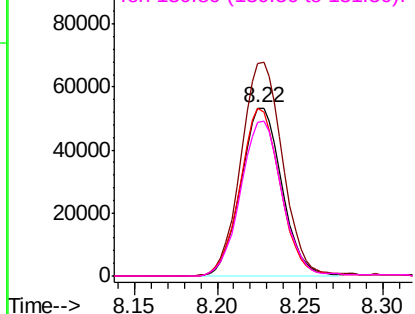


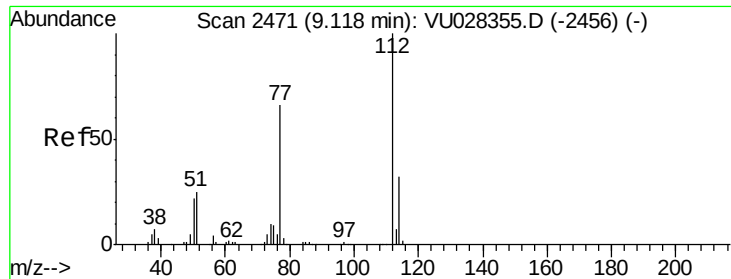
#64
Tetrachloroethene
Concen: 26.873 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion:164 Resp: 91775
Ion Ratio Lower Upper
164 100
166 126.2 104.0 156.0
129 100.0 79.2 118.8
131 91.2 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

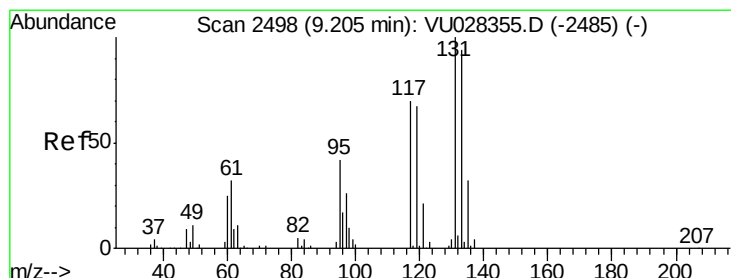
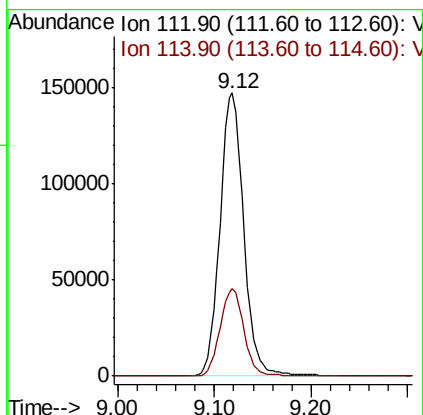
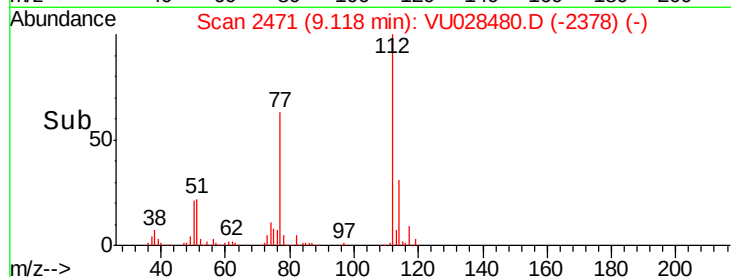
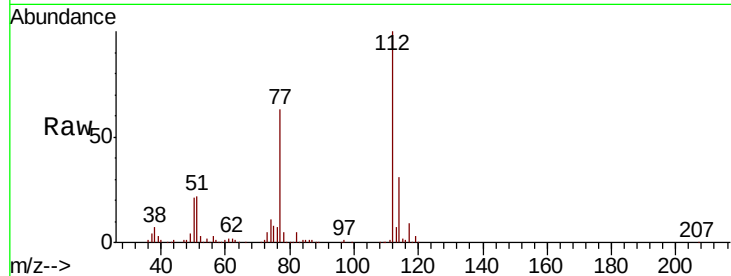




#65
Chlorobenzene
Concen: 23.239 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

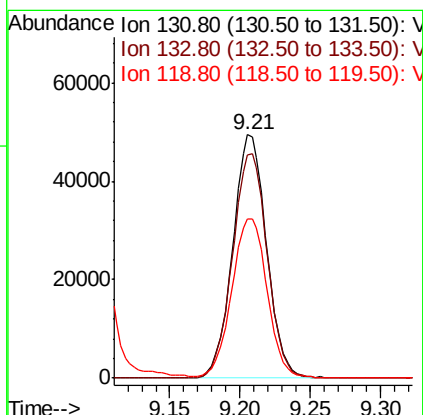
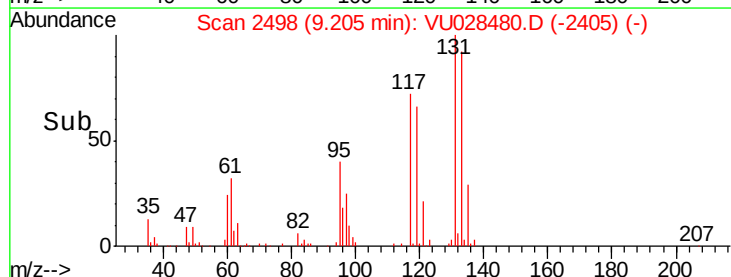
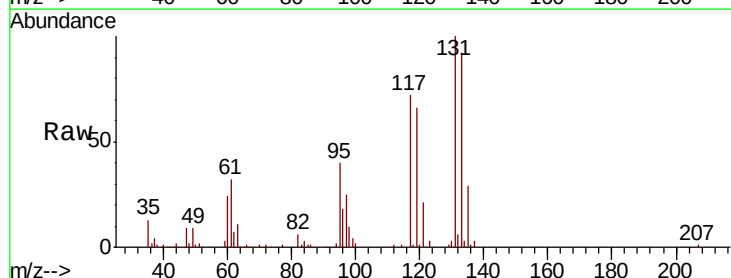
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

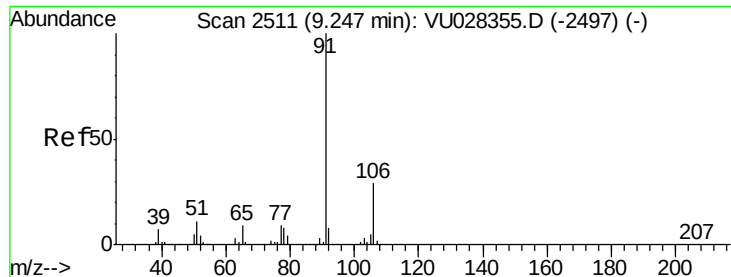
Tot Ion:112 Resp: 250522
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.441 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion:131 Resp: 82924
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 68.9 34.1 102.2

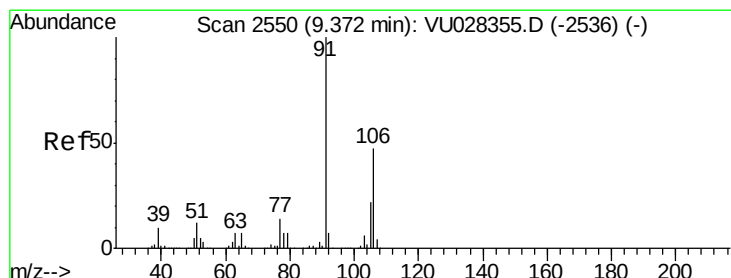
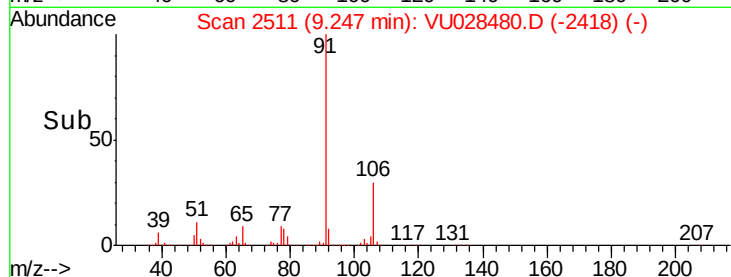
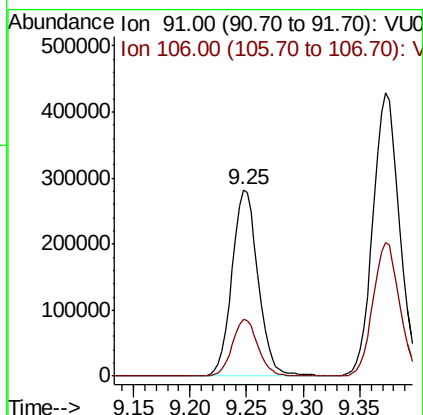
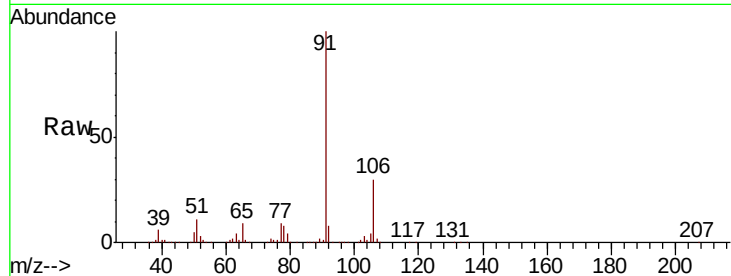




#67
Ethyl Benzene
Concen: 22.478 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

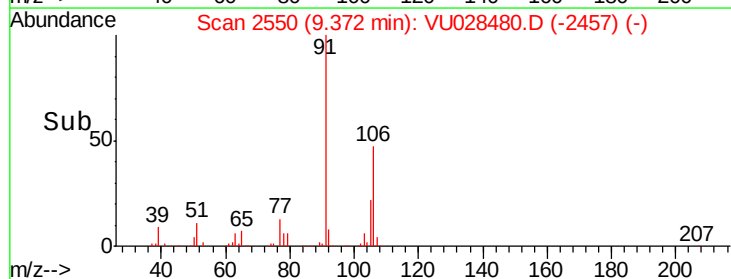
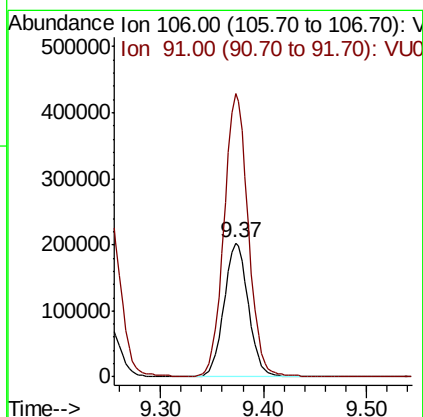
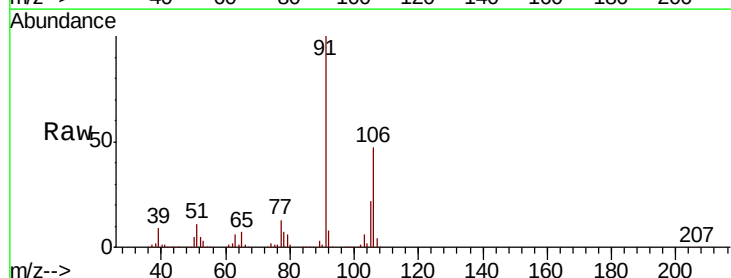
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

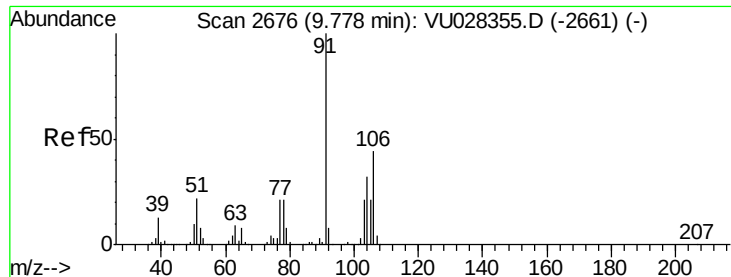
Tot Ion: 91 Resp: 456390
Ion Ratio Lower Upper
91 100
106 30.2 23.3 34.9



#68
m/p-Xylenes
Concen: 45.549 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 106 Resp: 332879
Ion Ratio Lower Upper
106 100
91 210.4 171.0 256.6

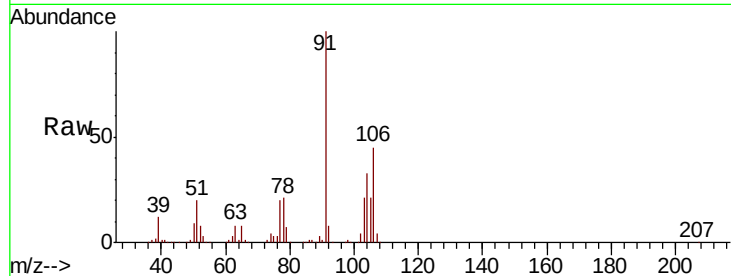




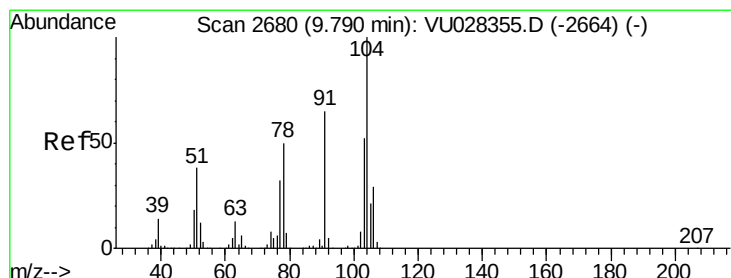
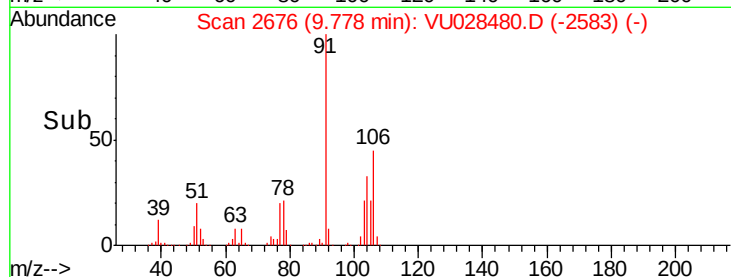
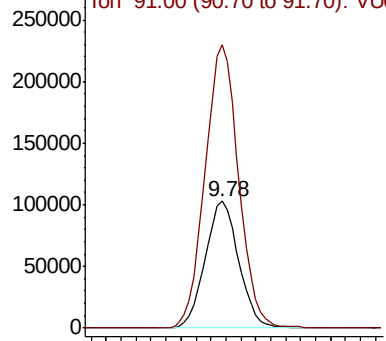
#69
o-Xylene
Concen: 22.138 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

Tot Ion:106 Resp: 160833
Ion Ratio Lower Upper
106 100
91 223.8 112.7 338.0

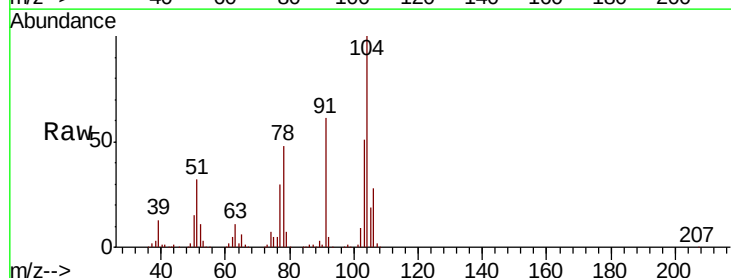


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

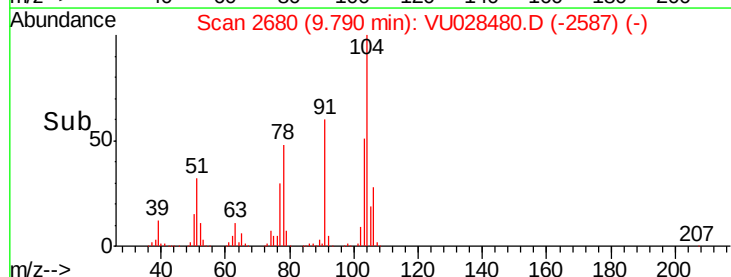
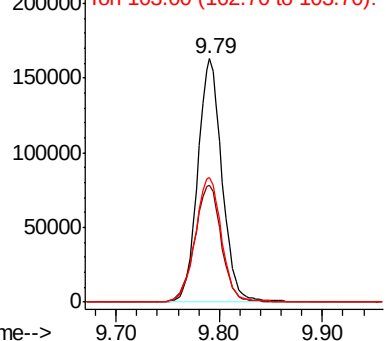


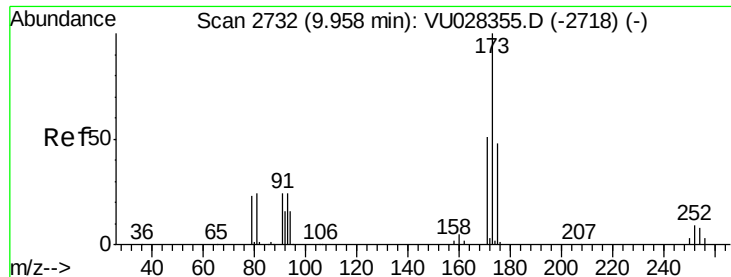
#70
Styrene
Concen: 22.786 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion:104 Resp: 266975
Ion Ratio Lower Upper
104 100
78 52.8 43.3 64.9
103 55.5 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





#71

Bromoform

Concen: 22.072 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

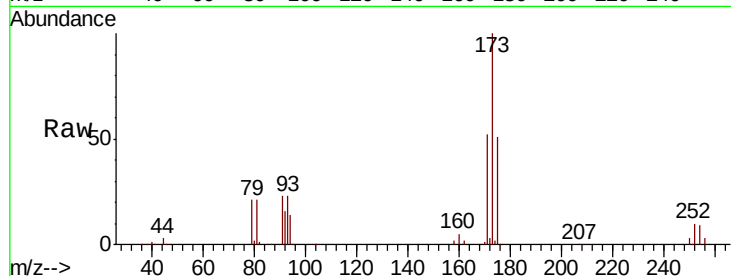
Tot Ion:173 Resp: 68556

Ion Ratio Lower Upper

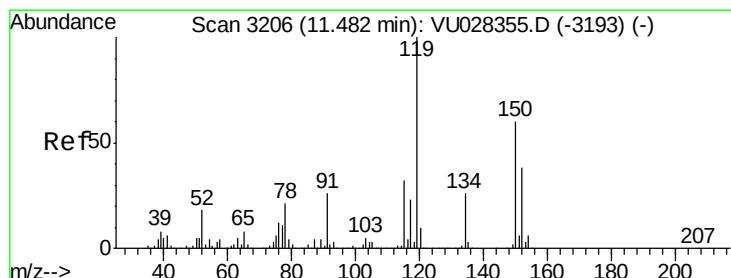
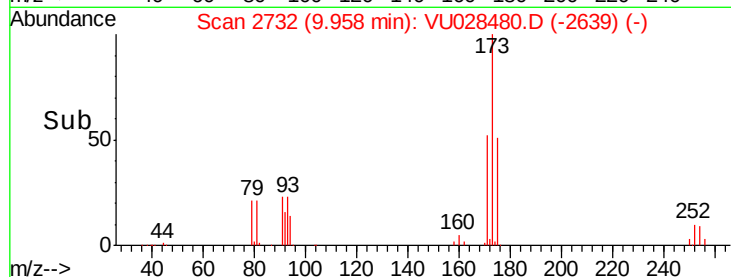
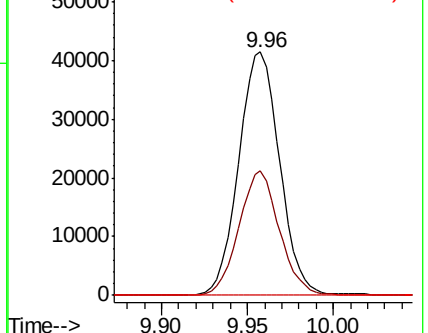
173 100

175 50.6 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: VU028480.D

Acq: 05 Dec 2018 15:11

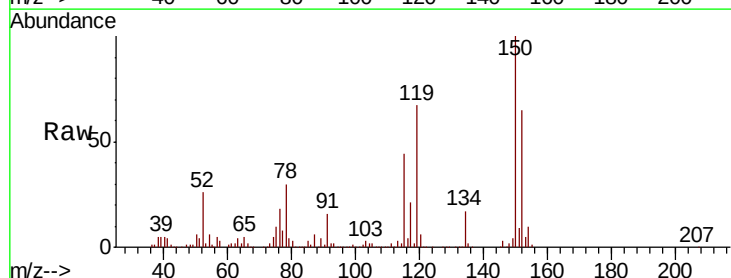
Tgt Ion:152 Resp: 257267

Ion Ratio Lower Upper

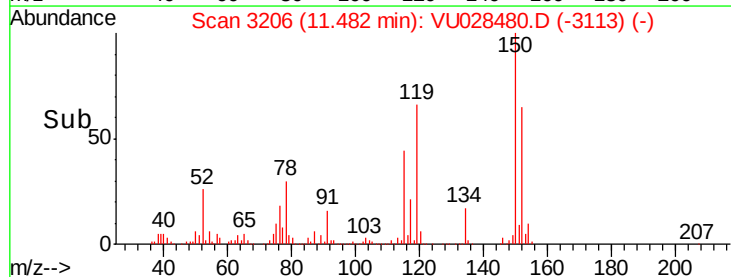
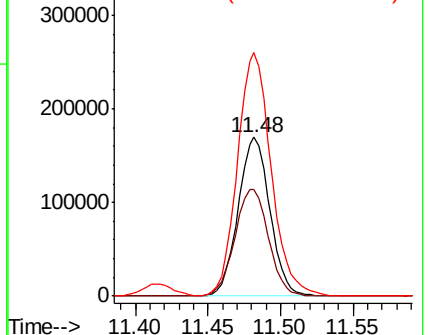
152 100

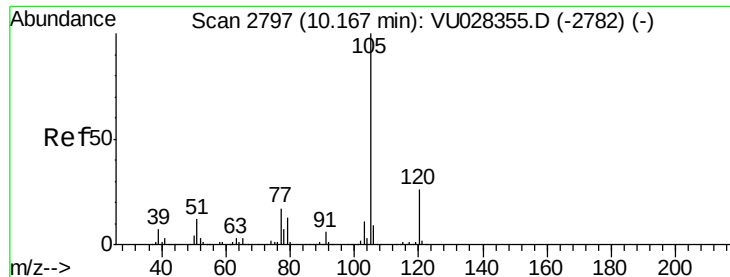
115 71.4 45.0 134.8

150 163.3 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: 21.660 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

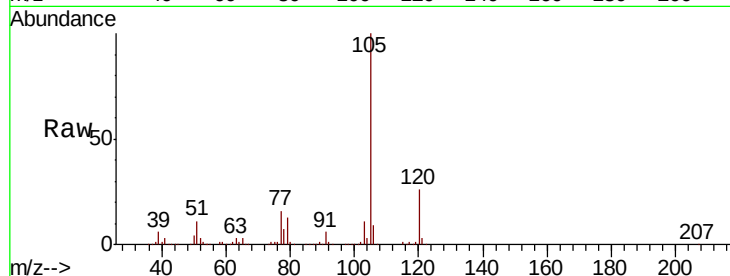
VU1205WBSD01

Tot Ion:105 Resp: 433397

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.16

300000

250000

200000

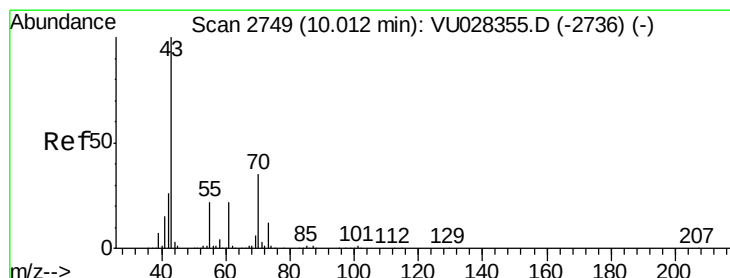
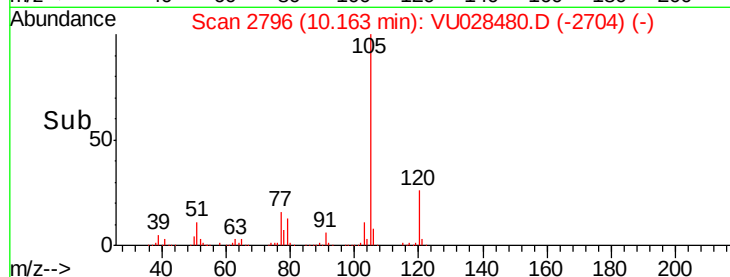
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.719 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Tgt Ion: 43 Resp: 234671

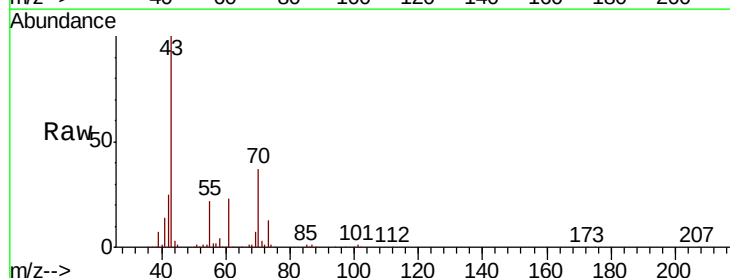
Ion Ratio Lower Upper

43 100

70 37.8 28.4 42.6

55 22.8 18.0 27.0

61 23.1 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

250000

200000

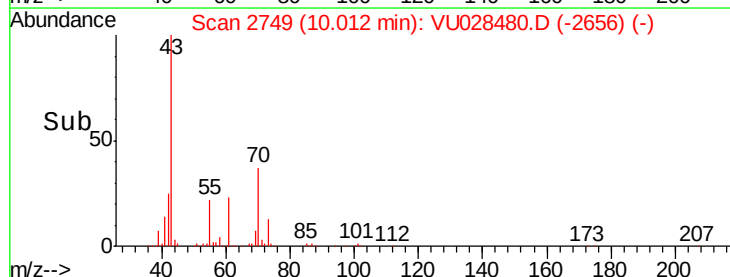
150000

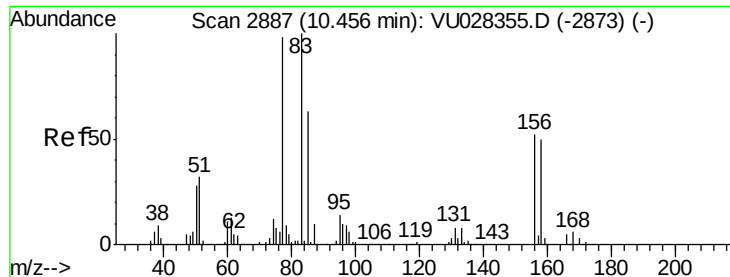
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.918 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

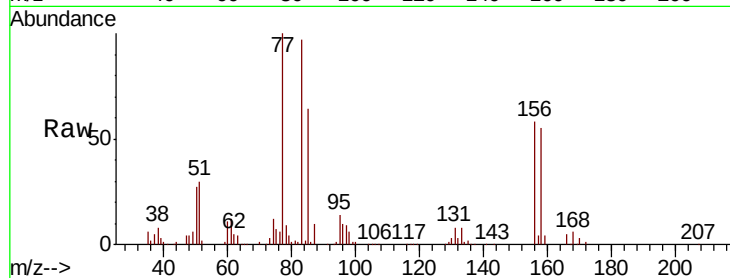
Tot Ion: 83 Resp: 155663

Ion Ratio Lower Upper

83 100

131 8.4 4.0 12.2

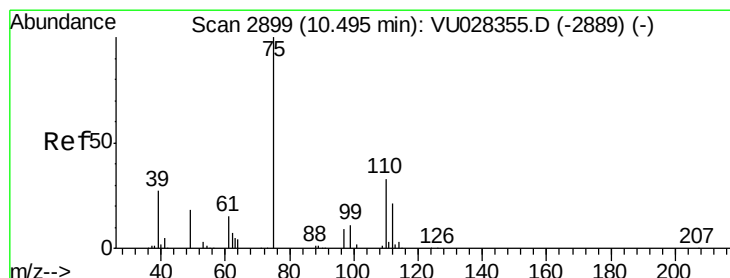
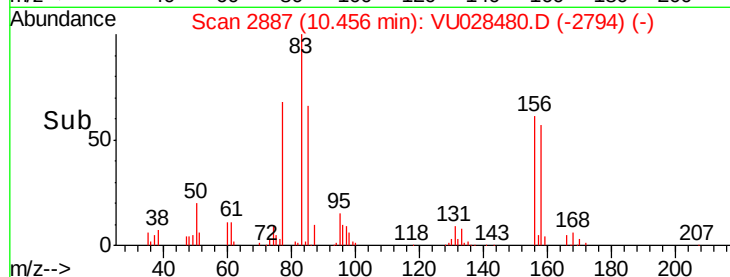
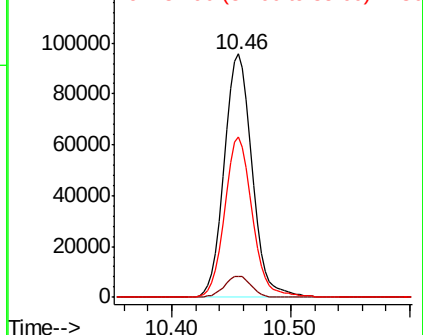
85 65.3 31.8 95.4



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: 28.187 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028480.D

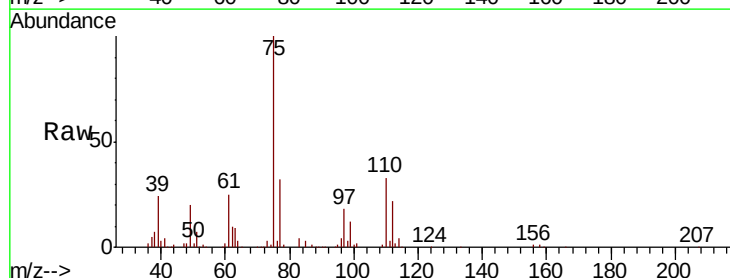
Acq: 05 Dec 2018 15:11

Tgt Ion: 75 Resp: 201095

Ion Ratio Lower Upper

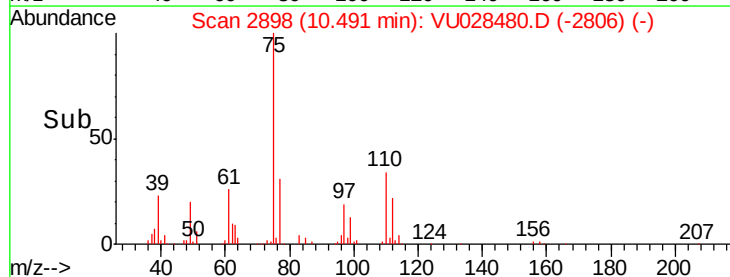
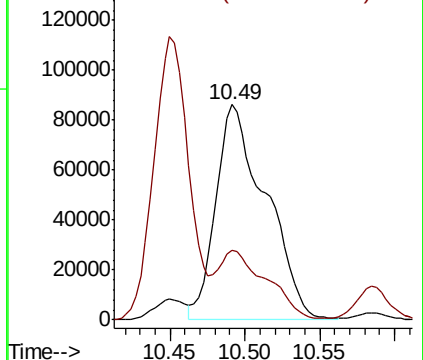
75 100

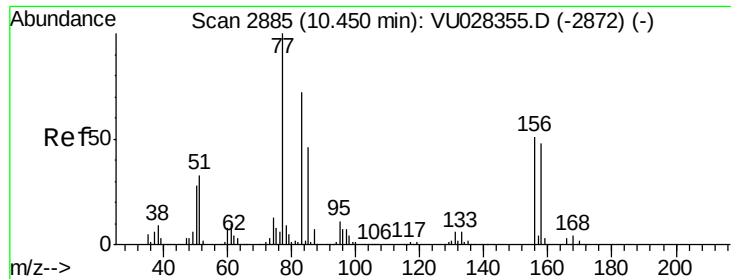
77 30.3 22.4 67.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 22.038 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

VU1205WBSD01

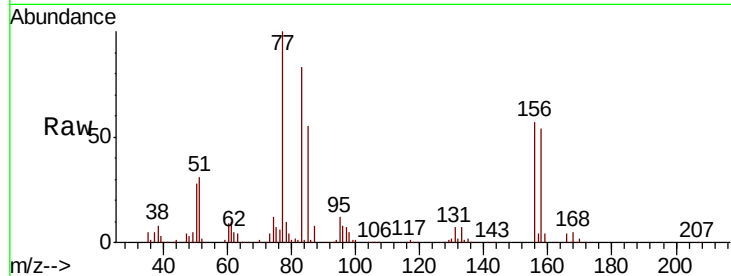
Tot Ion:156 Resp: 103904

Ion Ratio Lower Upper

156 100

77 177.5 97.0 290.9

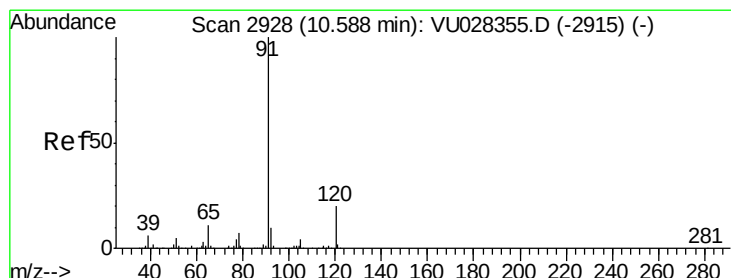
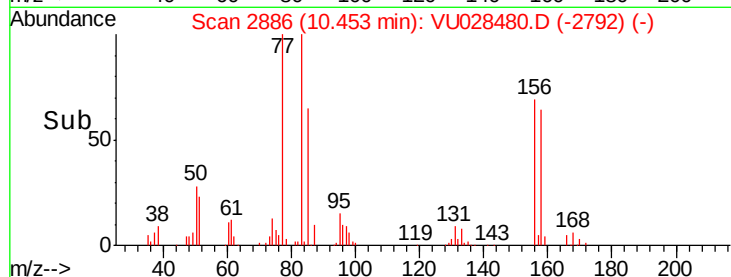
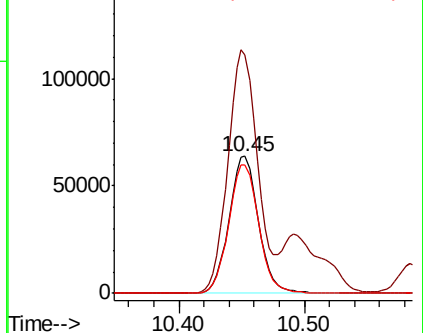
158 95.9 46.8 140.4



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: 21.498 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028480.D

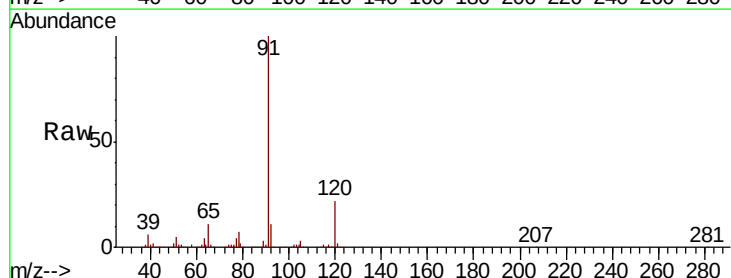
Acq: 05 Dec 2018 15:11

Tgt Ion: 91 Resp: 530658

Ion Ratio Lower Upper

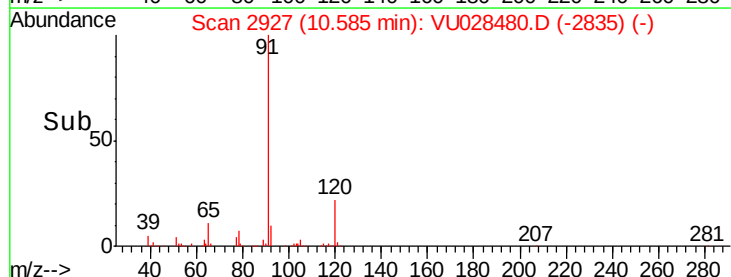
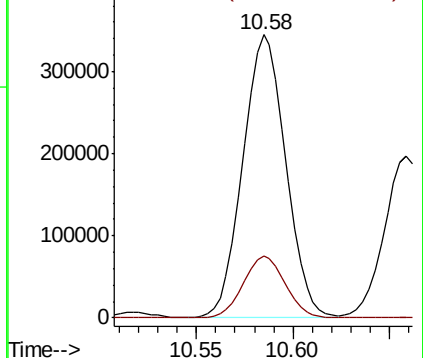
91 100

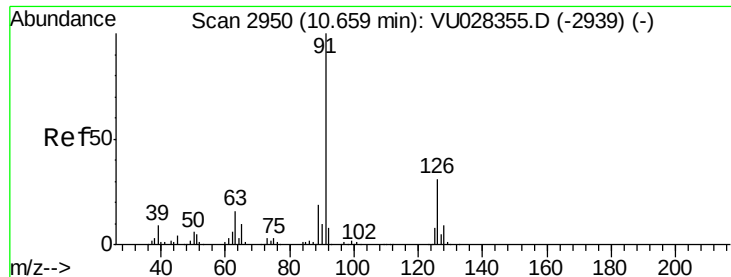
120 21.6 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

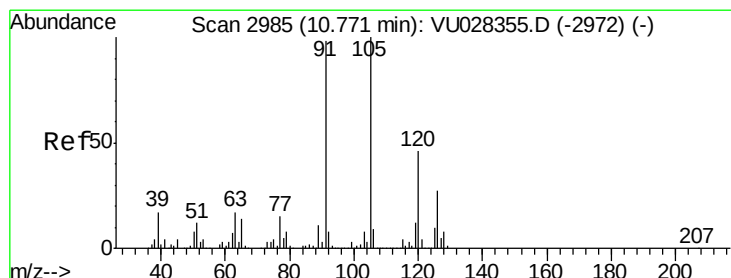
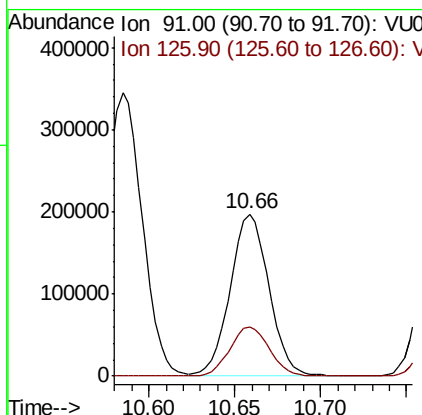
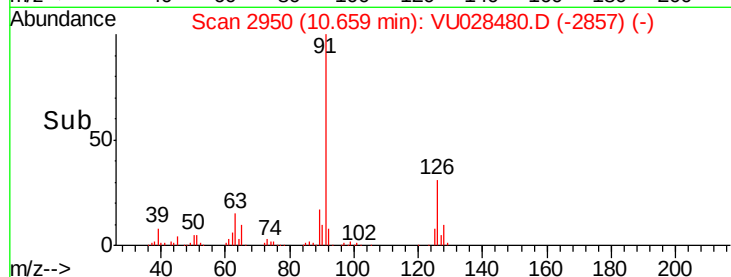
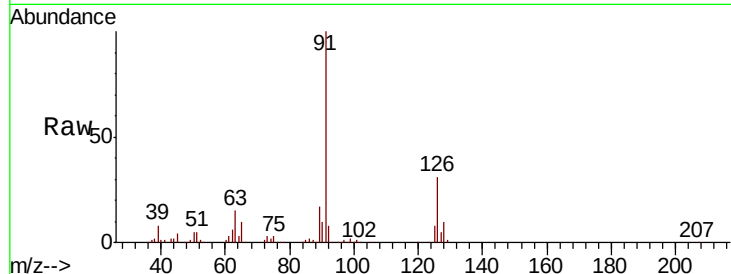




#79
 2-Chlorotoluene
 Concen: 21.145 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

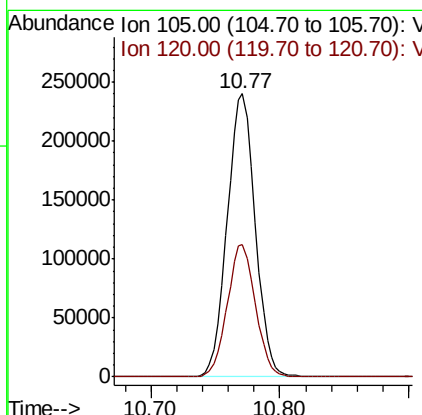
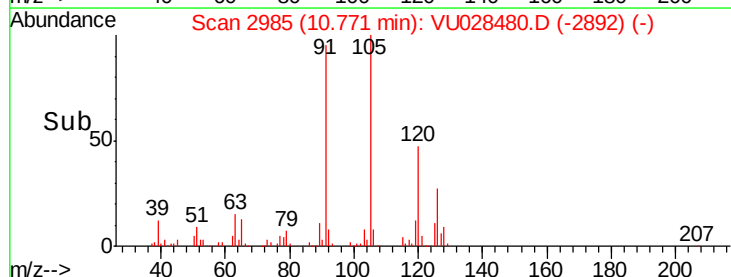
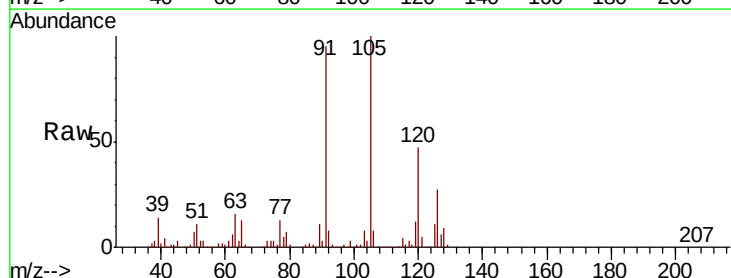
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

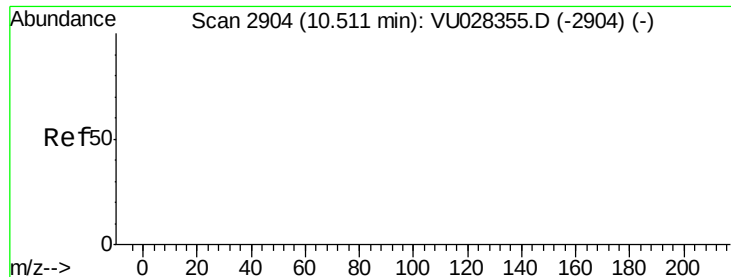
Tot Ion: 91 Resp: 307681
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.4 46.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.445 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 105 Resp: 361601
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.0

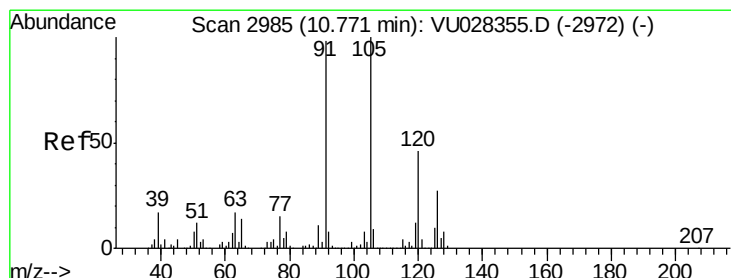
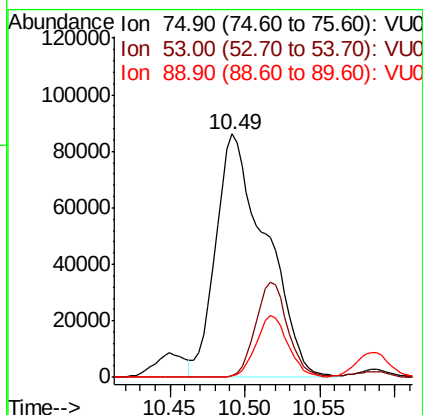
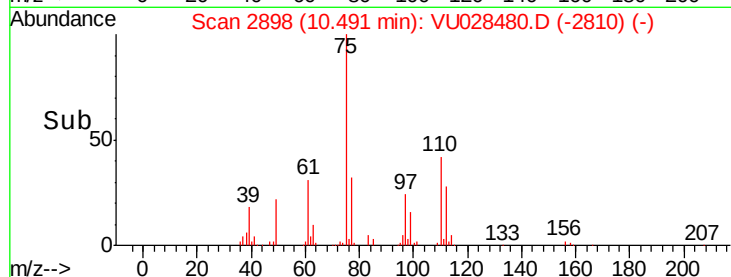
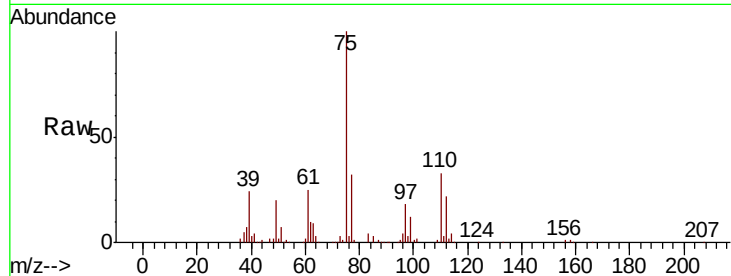




#81
trans-1,4-Dichloro-2-butene
Concen: 74.823 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

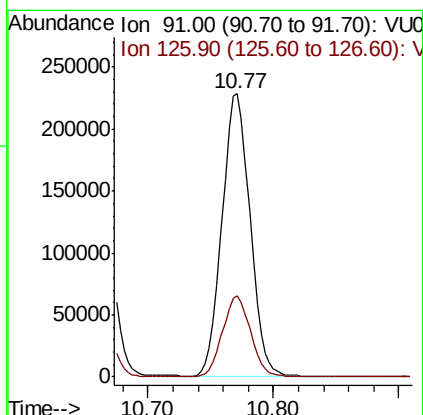
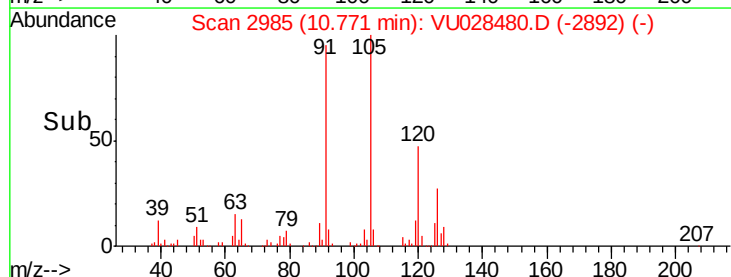
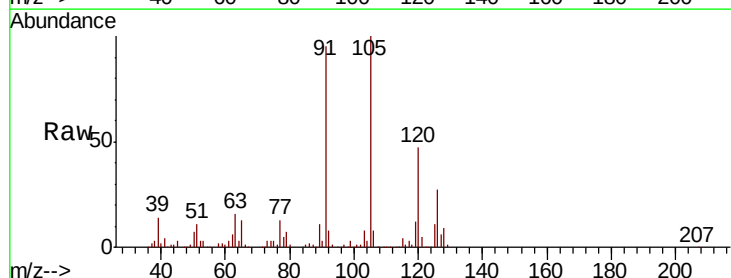
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

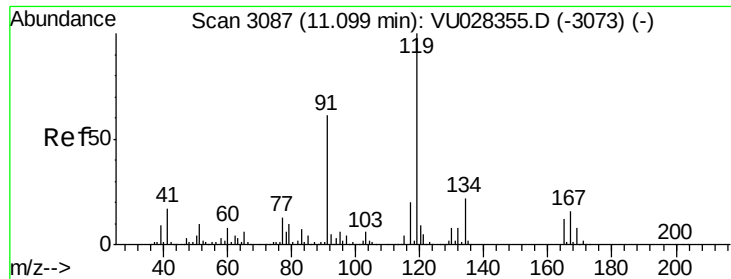
Tot Ion: 75 Resp: 201095
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.128 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 91 Resp: 354207
Ion Ratio Lower Upper
91 100
126 28.8 13.9 41.6

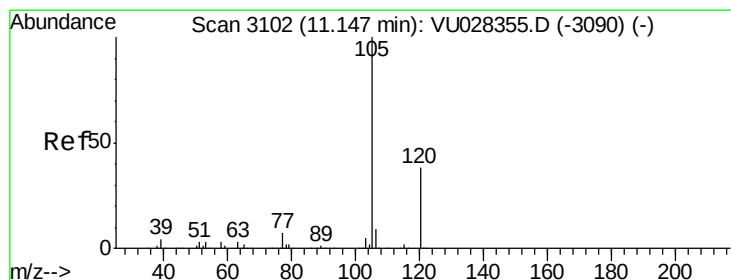
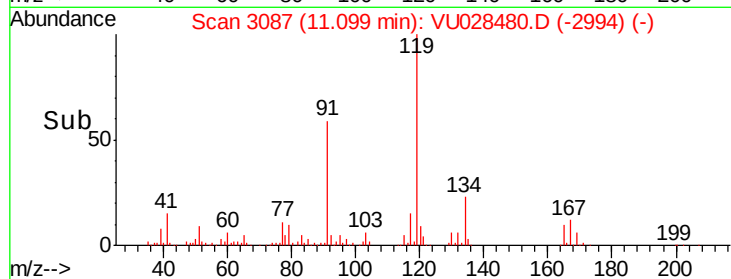
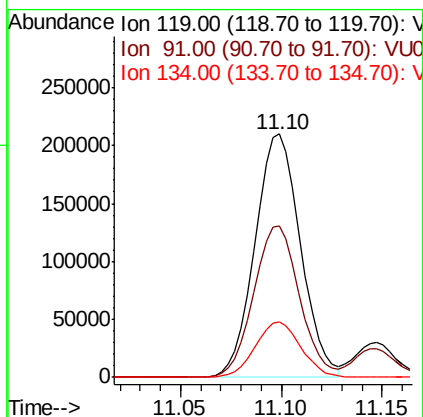
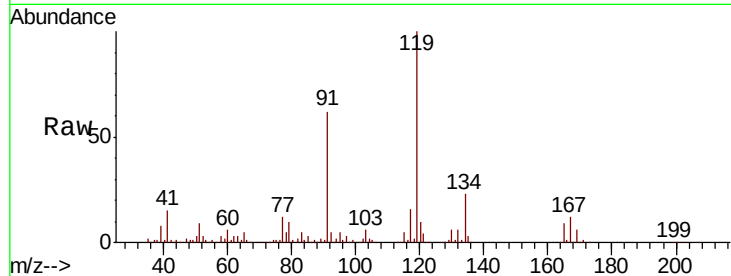




#83
 tert-Butylbenzene
 Concen: 21.043 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

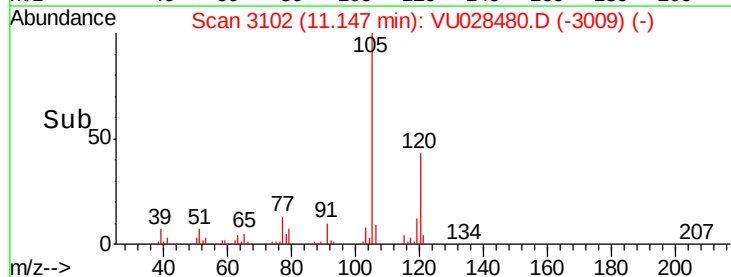
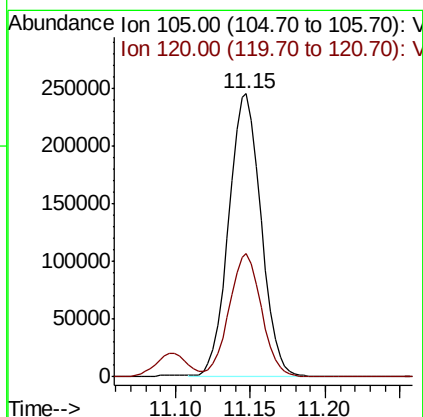
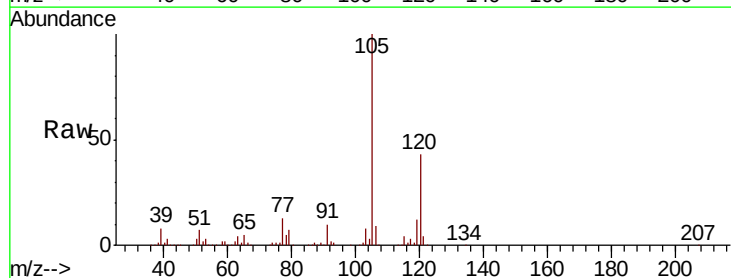
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

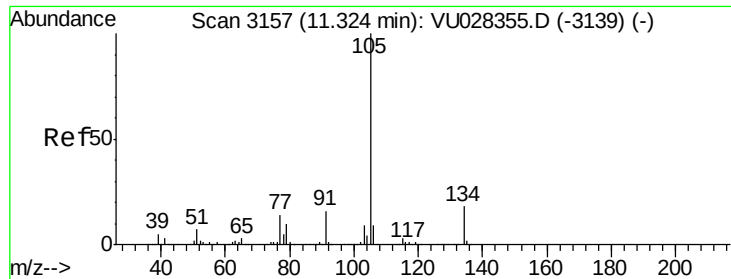
Tot Ion:119 Resp: 330764
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.8 92.4
 134 22.9 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.652 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion:105 Resp: 369787
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.4 64.3





#85

sec-Butylbenzene

Concen: 21.949 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

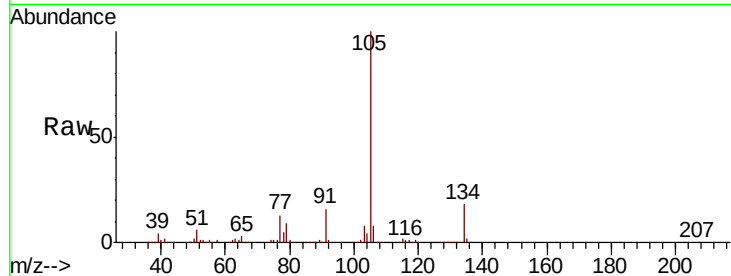
VU1205WBSD01

Tot Ion:105 Resp: 448102

Ion Ratio Lower Upper

105 100

134 18.4 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

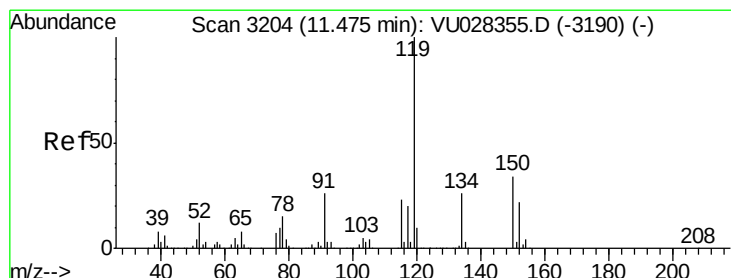
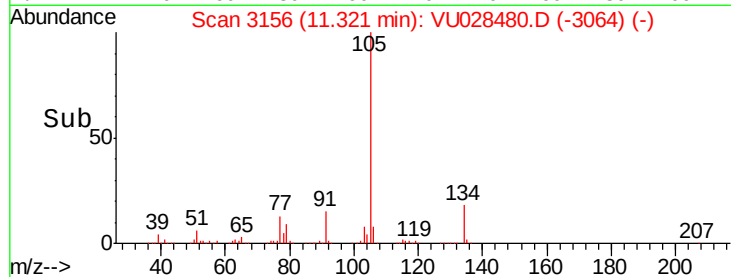
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.145 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU028480.D

Acq: 05 Dec 2018 15:11

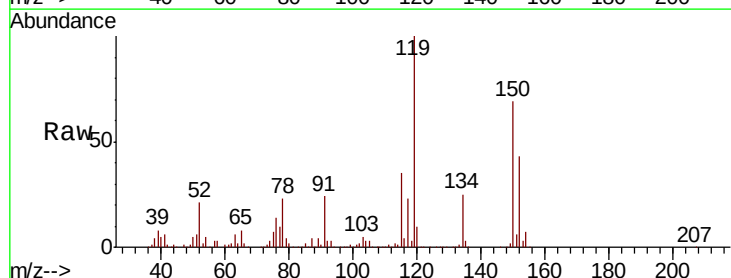
Tgt Ion:119 Resp: 371736

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

91 24.5 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

11.47

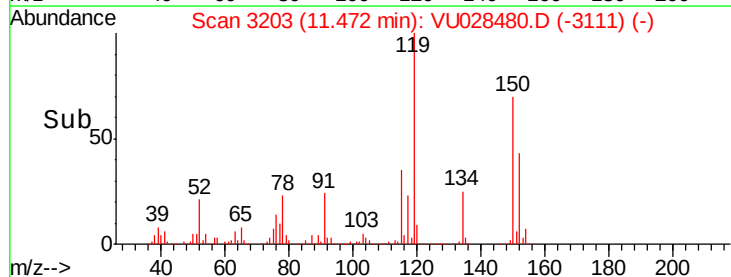
300000

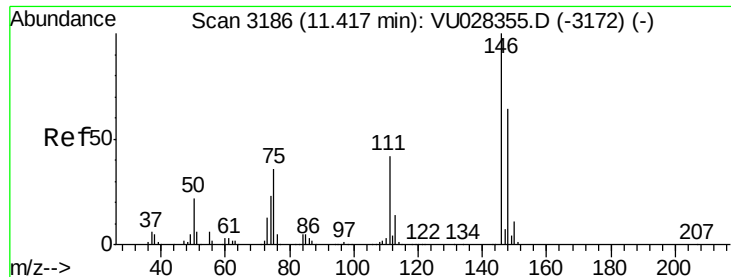
200000

100000

0

Time-->

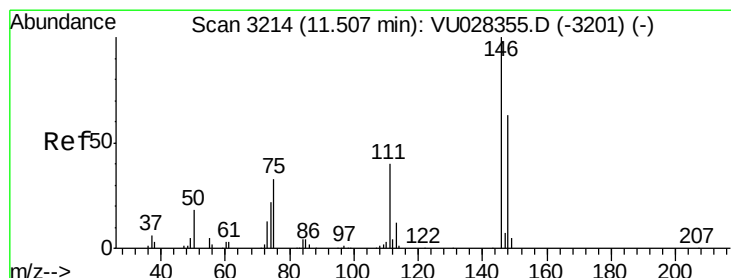
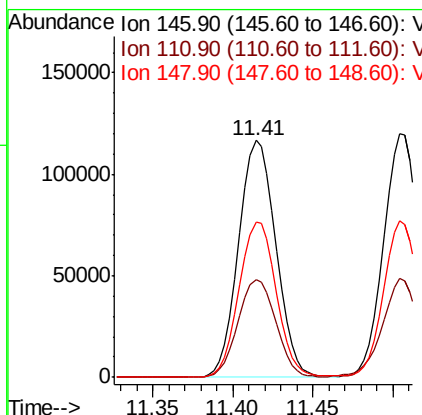
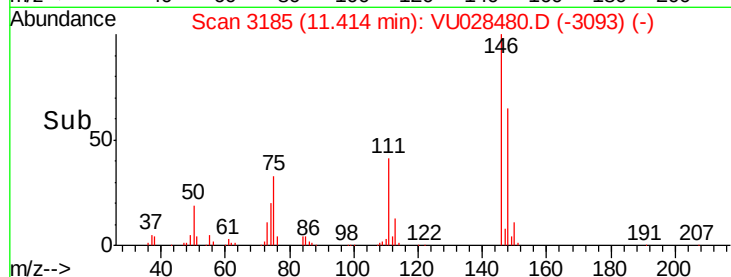
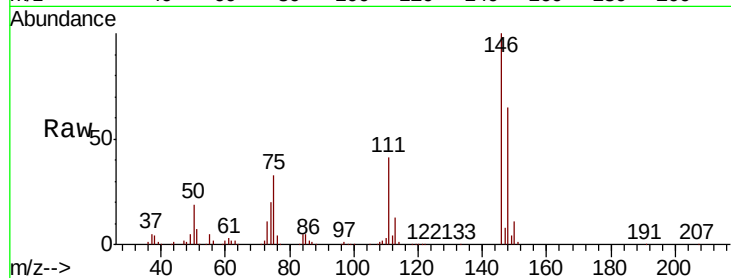




#87
 1,3-Dichlorobenzene
 Concen: 21.603 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

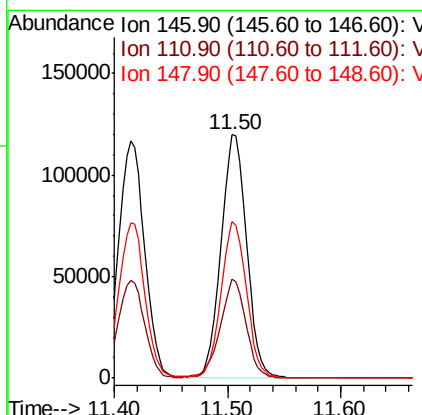
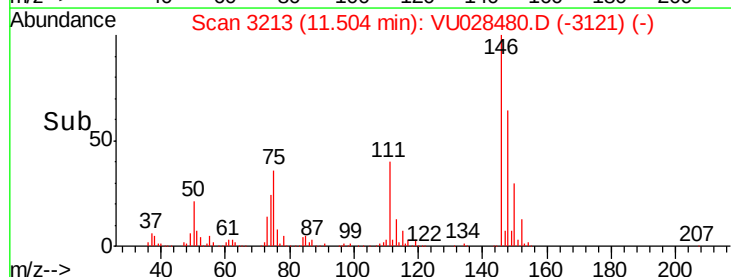
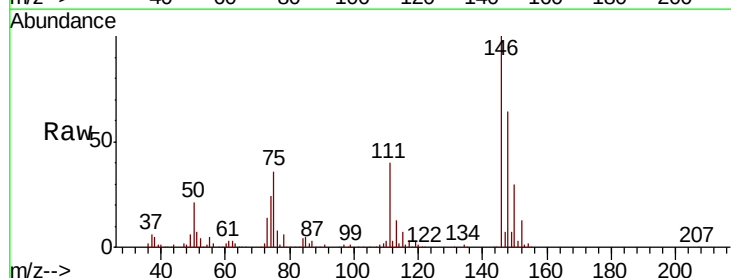
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

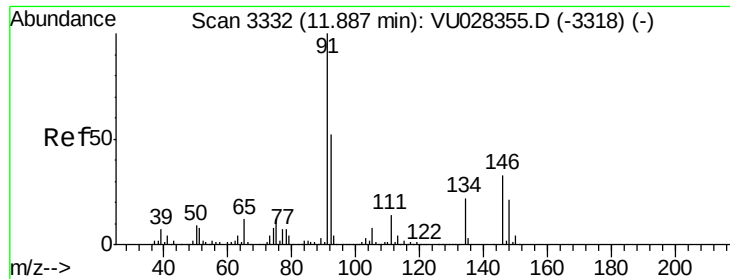
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.4
148	65.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.909 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.9
148	63.3	31.1	93.5

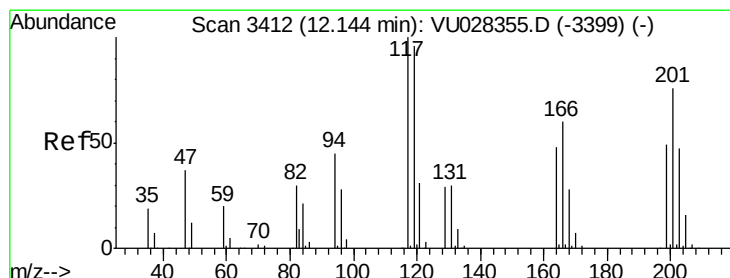
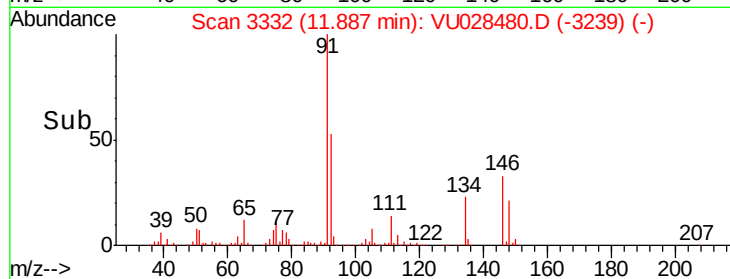
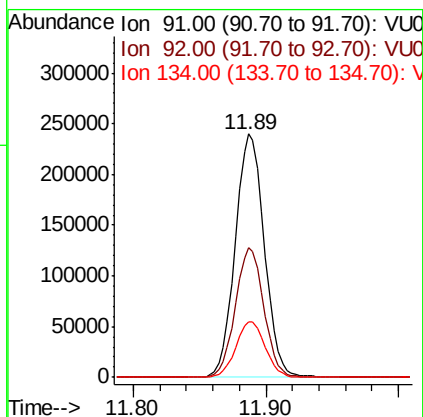
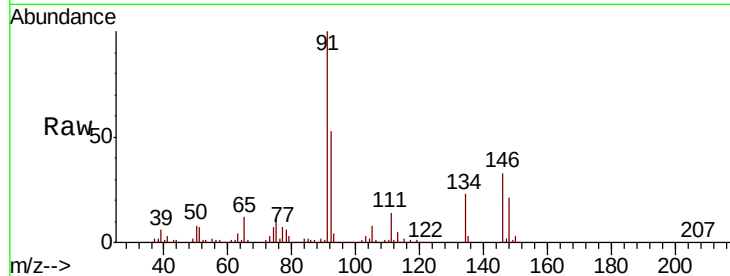




#89
n-Butylbenzene
Concen: 22.051 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

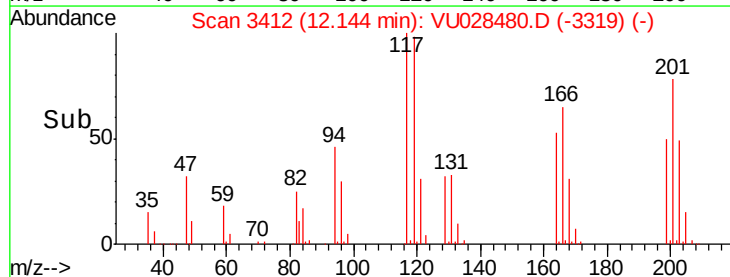
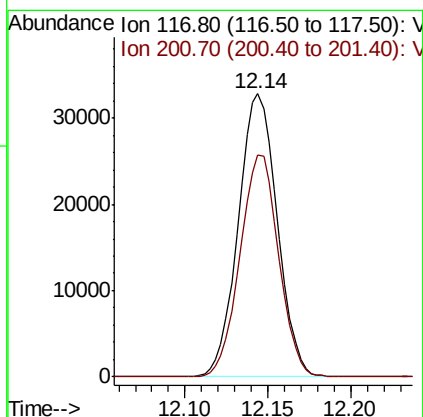
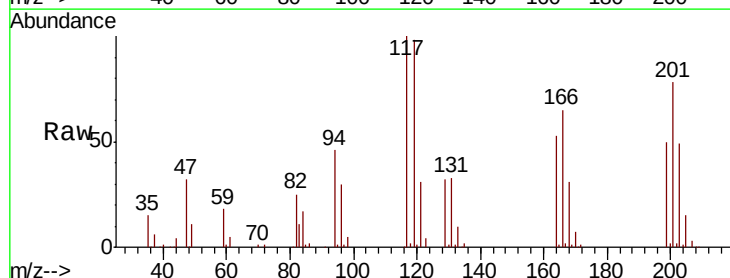
Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

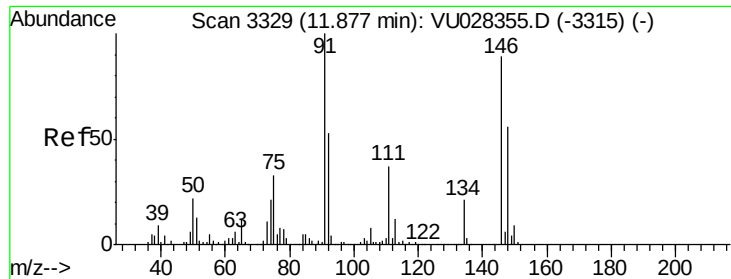
Tot Ion: 91 Resp: 365330
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 23.2 11.1 33.1



#90
Hexachloroethane
Concen: 20.431 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion: 117 Resp: 53546
Ion Ratio Lower Upper
117 100
201 77.7 37.7 113.1

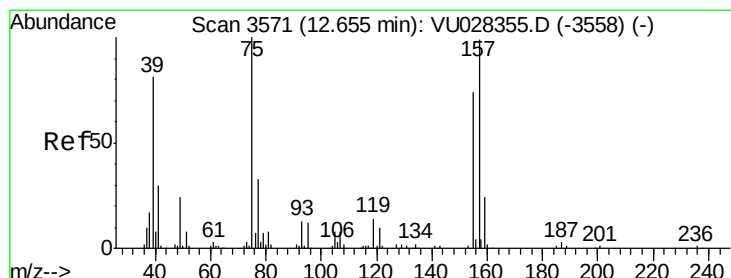
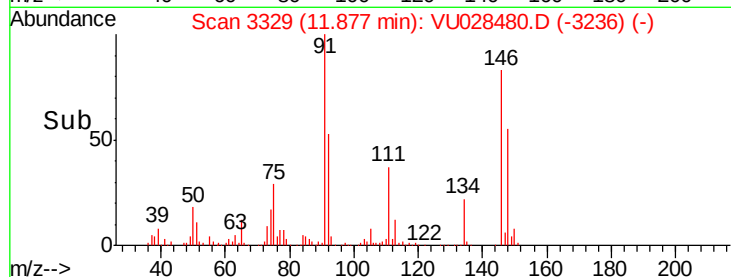
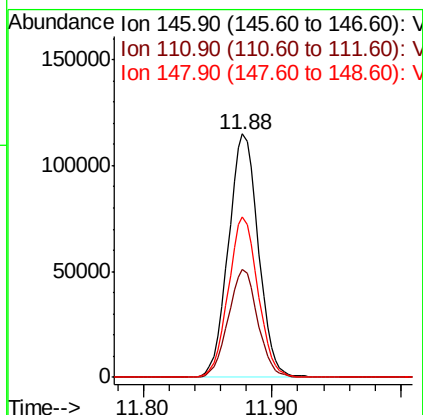
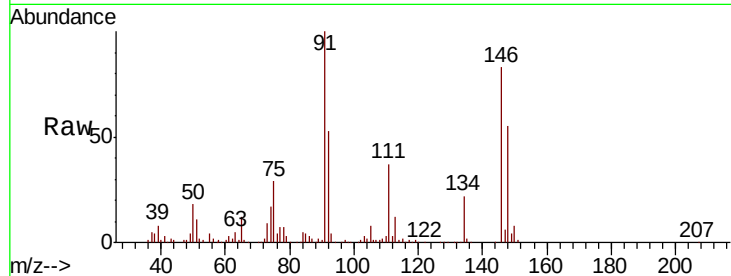




#91
 1,2-Dichlorobenzene
 Concen: 21.507 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

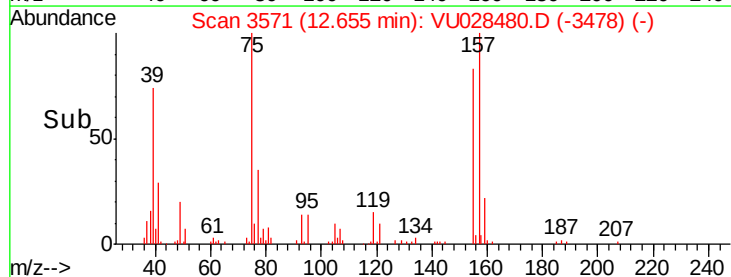
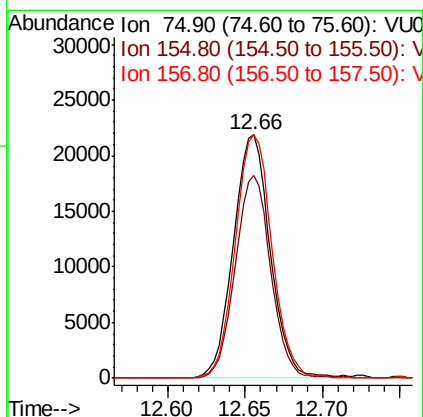
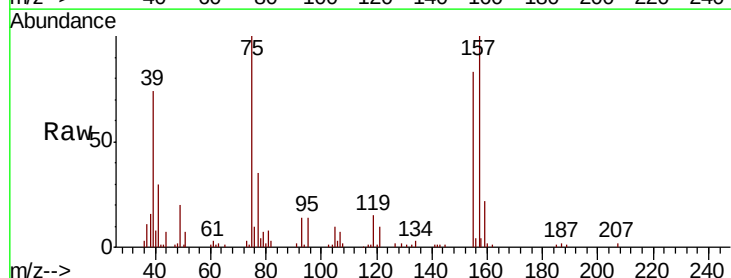
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

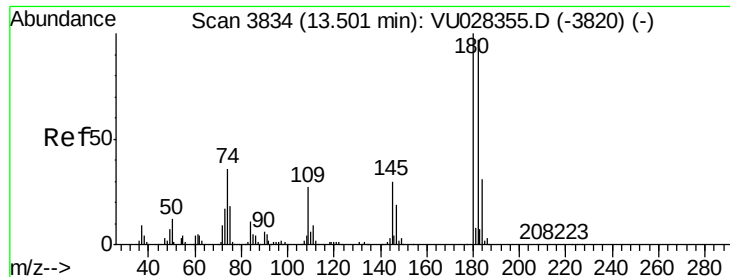
Tot Ion:146 Resp: 184522
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.4 64.3
 148 65.6 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.759 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion: 75 Resp: 36163
 Ion Ratio Lower Upper
 75 100
 155 80.4 36.9 110.7
 157 99.7 47.5 142.5

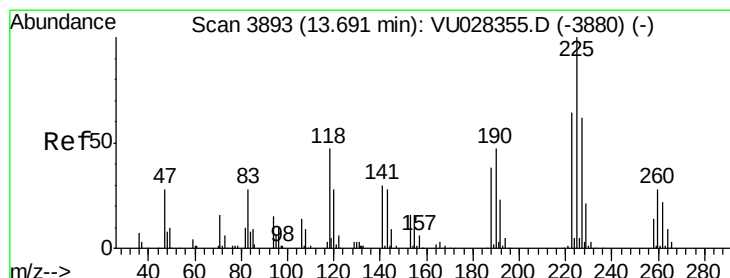
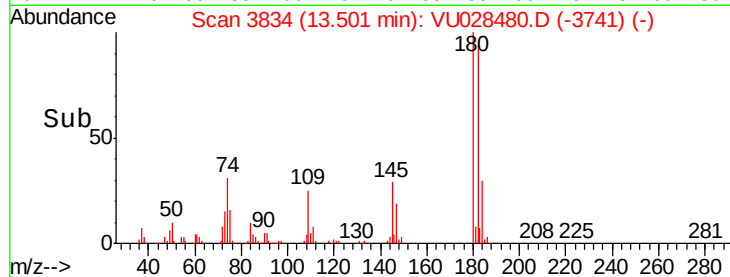
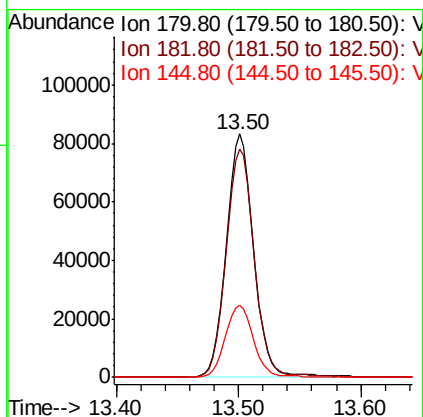
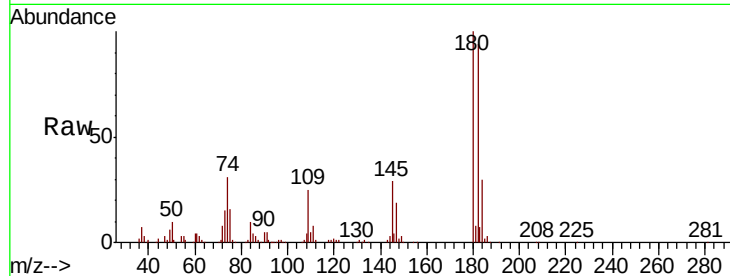




#93
 1,2,4-Trichlorobenzene
 Concen: 23.313 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

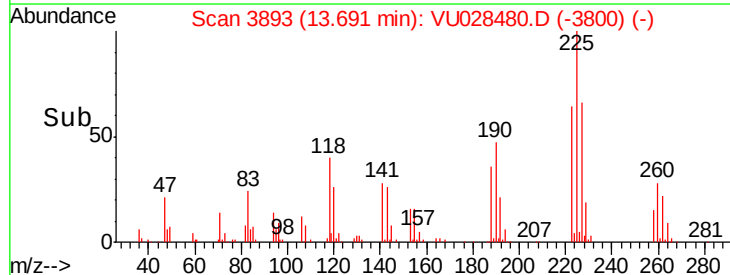
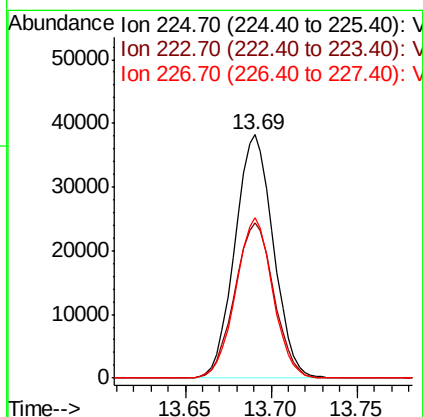
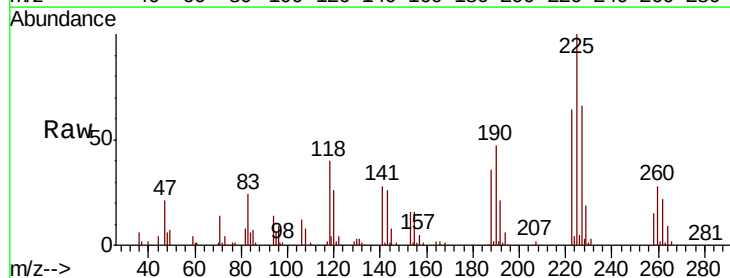
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBSD01

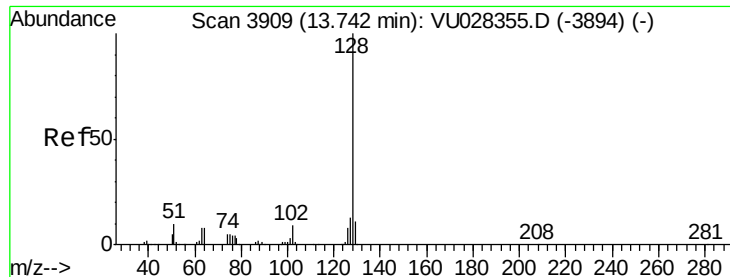
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.3	144.9
145	30.6	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 22.388 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028480.D
 Acq: 05 Dec 2018 15:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.6	94.7
227	63.3	30.8	92.4

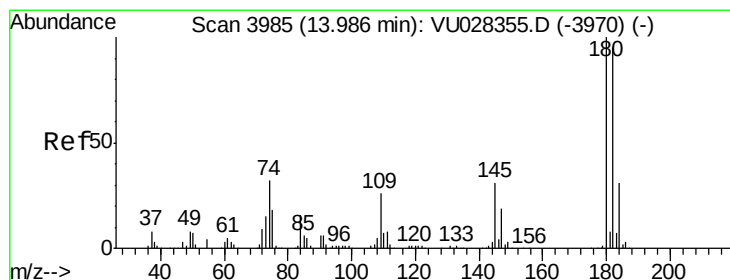
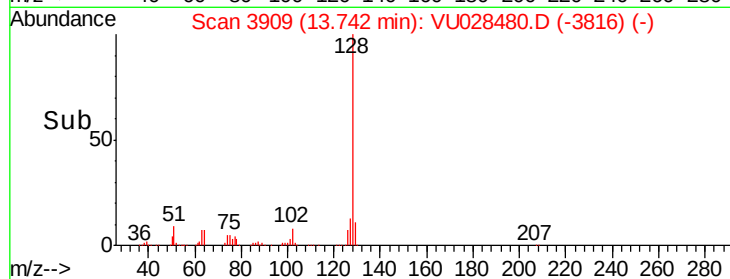
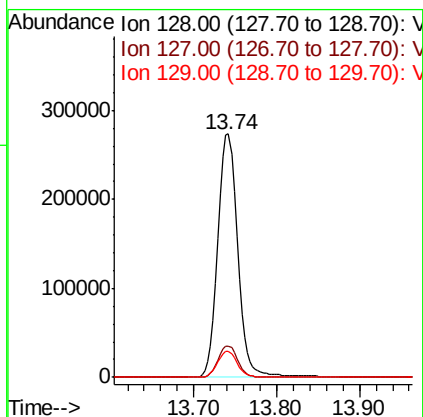
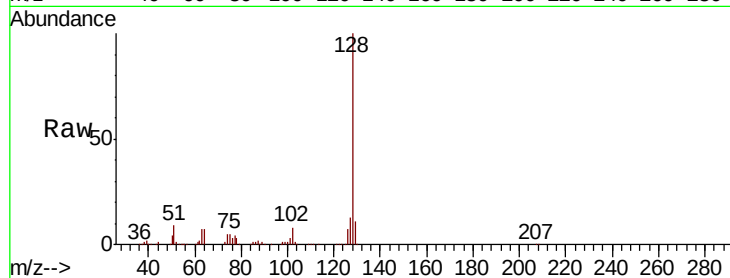




#95
Naphthalene
Concen: 22.825 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
VU1205WBSD01

Tot Ion:128 Resp: 458846
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 23.425 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028480.D
Acq: 05 Dec 2018 15:11

Tgt Ion:180 Resp: 133049
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 31.4 15.7 47.1

