

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028371.D
 Acq On : 28 Nov 2018 17:20
 Operator : MD/SY
 Sample : VU1128WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

Quant Time: Nov 29 06:18:09 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	246408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	439994	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	401253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	180076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	204902	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	4.88	113	143752	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	7.57	98	569292	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.31	95	202609	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	64272	19.444	ug/l	98
3) Chloromethane	1.33	50	120716	18.841	ug/l	100
4) Vinyl Chloride	1.40	62	88035	19.638	ug/l	99
5) Bromomethane	1.61	94	28178	16.252	ug/l	98
6) Chloroethane	1.69	64	50573	19.606	ug/l	96
7) Trichlorofluoromethane	1.88	101	91443	19.638	ug/l	99
8) Diethyl Ether	2.10	74	40335	18.634	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	54052	19.927	ug/l	97
10) Methyl Iodide	2.41	142	56238	21.986	ug/l	98
11) Tert butyl alcohol	2.83	59	89209	95.354	ug/l	99
12) 1,1-Dichloroethene	2.28	96	52686	20.014	ug/l	93
13) Acrolein	2.19	56	74708	89.823	ug/l	97
14) Allyl chloride	2.59	41	127169	18.490	ug/l	98
15) Acrylonitrile	2.94	53	251316	101.553	ug/l	100
16) Acetone	2.32	43	212400	84.314	ug/l	97
17) Carbon Disulfide	2.48	76	183076	18.119	ug/l	99
18) Methyl Acetate	2.61	43	139744	19.924	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	213443	19.778	ug/l	97
20) Methylene Chloride	2.70	84	67608	18.982	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	59604	19.524	ug/l	96
22) Diisopropyl ether	3.57	45	265405	19.601	ug/l	98
23) Vinyl Acetate	3.52	43	1095572	97.340	ug/l	100
24) 1,1-Dichloroethane	3.45	63	135386	20.280	ug/l	98
25) 2-Butanone	4.26	43	341265	94.525	ug/l	99
26) 2,2-Dichloropropane	4.23	77	97581	18.405	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	69014	19.115	ug/l	99
28) Bromochloromethane	4.55	49	70888	21.236	ug/l	98
29) Tetrahydrofuran	4.64	42	238146	101.595	ug/l	100
30) Chloroform	4.67	83	117874	19.129	ug/l	99
31) Cyclohexane	5.00	56	134716	19.422	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	96321	19.480	ug/l	98
36) 1,1-Dichloropropene	5.13	75	91413	18.986	ug/l	98
37) Ethyl Acetate	4.38	43	130902	19.950	ug/l	100
38) Carbon Tetrachloride	5.13	117	74790	18.916	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	106694	18.795	ug/l	99
40) Benzene	5.39	78	279241	19.582	ug/l	99
41) Methacrylonitrile	4.55	41	73330	20.124	ug/l	96
42) 1,2-Dichloroethane	5.40	62	100458	19.555	ug/l	100
43) Isopropyl Acetate	5.55	43	209966	20.194	ug/l	100
44) Trichloroethene	6.19	130	58331	19.083	ug/l	100
45) 1,2-Dichloropropane	6.43	63	80377	19.247	ug/l	100
46) Dibromomethane	6.56	93	44725	18.645	ug/l	96
47) Bromodichloromethane	6.76	83	91197	19.114	ug/l	100
48) Methyl methacrylate	6.62	41	105175	19.419	ug/l	98
49) 1,4-Dioxane	6.61	88	34854	402.824	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	655708	98.739	ug/l	98
52) Toluene	7.64	92	160279	19.518	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	105607	18.511	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	116081	18.992	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	65609	19.197	ug/l	98
56) Ethyl methacrylate	8.02	69	111550	19.186	ug/l	97
57) 1,3-Dichloropropane	8.24	76	120101	19.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	298469	95.617	ug/l	100
59) 2-Hexanone	8.36	43	499715	97.145	ug/l	100
60) Dibromochloromethane	8.48	129	60782	18.700	ug/l	98
61) 1,2-Dibromoethane	8.58	107	67940	19.410	ug/l	99
64) Tetrachloroethene	8.22	164	50600	19.171	ug/l	92
65) Chlorobenzene	9.12	112	161747	19.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	54044	18.924	ug/l	98
67) Ethyl Benzene	9.25	91	302979	19.308	ug/l	100
68) m/p-Xylenes	9.38	106	217323	38.477	ug/l	100
69) o-Xylene	9.78	106	108676	19.355	ug/l	99
70) Styrene	9.79	104	172435	19.042	ug/l	99
71) Bromoform	9.96	173	43837	18.262	ug/l #	99
73) Isopropylbenzene	10.17	105	288511	20.600	ug/l	99
74) N-amyl acetate	10.01	43	178153	20.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	117034	20.321	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	140860	28.208	ug/l	79
77) Bromobenzene	10.45	156	65313	19.791	ug/l	98
78) n-propylbenzene	10.58	91	342389	19.817	ug/l	99
79) 2-Chlorotoluene	10.66	91	208918	20.512	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	241357	20.450	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.49	75	140860	74.877	ug/l #	100
82) 4-Chlorotoluene	10.77	91	231036	19.688	ug/l	100
83) tert-Butylbenzene	11.10	119	226037	20.545	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	242386	20.276	ug/l	100
85) sec-Butylbenzene	11.32	105	286946	20.080	ug/l	99
86) p-Isopropyltoluene	11.48	119	233261	19.852	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	115580	19.202	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	116620	19.252	ug/l	96
89) n-Butylbenzene	11.89	91	223442	19.268	ug/l	100
90) Hexachloroethane	12.14	117	33181	18.088	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	119557	19.909	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	25329	19.772	ug/l	98

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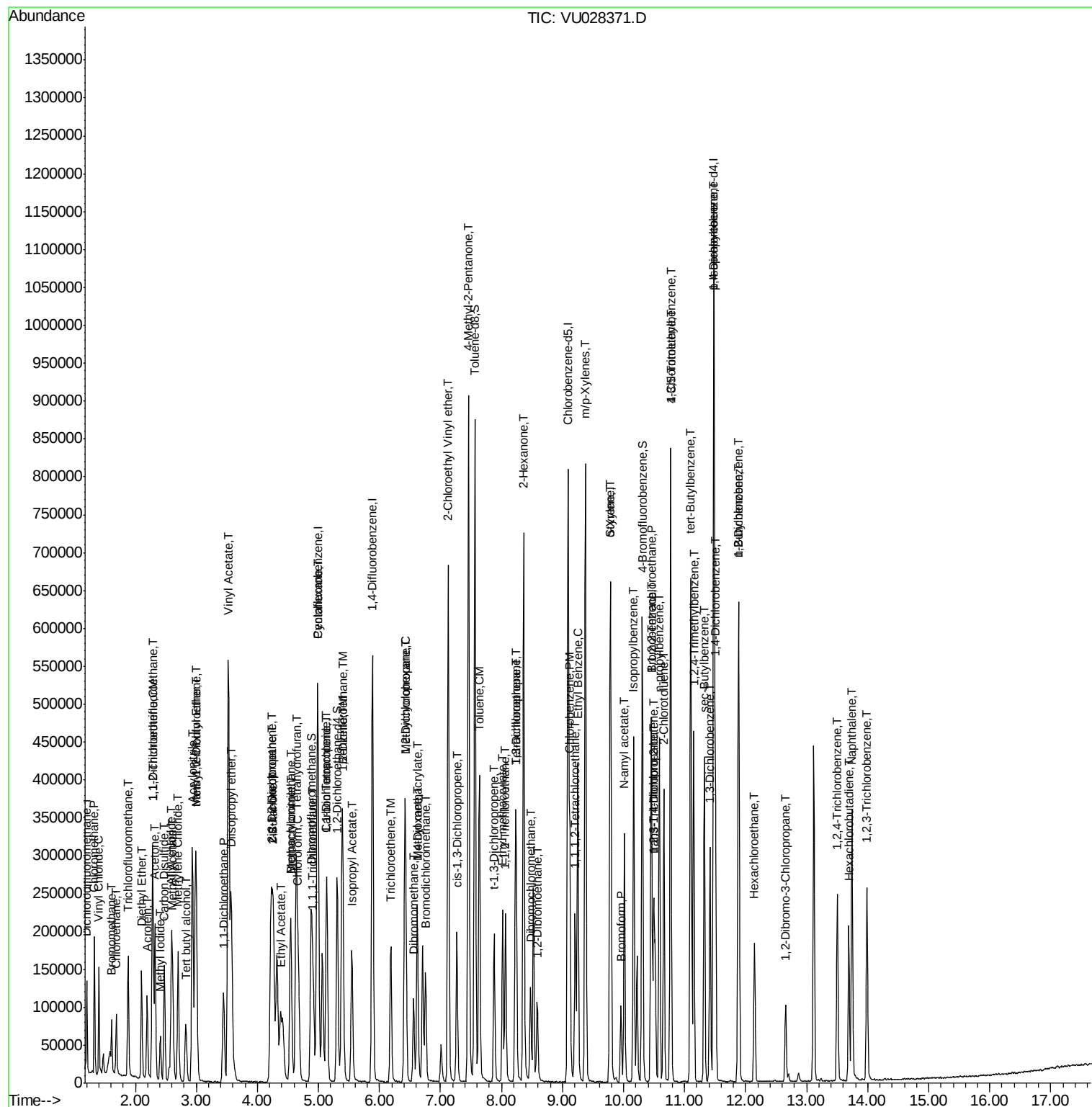
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	72319	18.398	ug/l	99
94) Hexachlorobutadiene	13.69	225	34930	18.819	ug/l	99
95) Naphthalene	13.74	128	270132	19.648	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	76455	19.231	ug/l	99

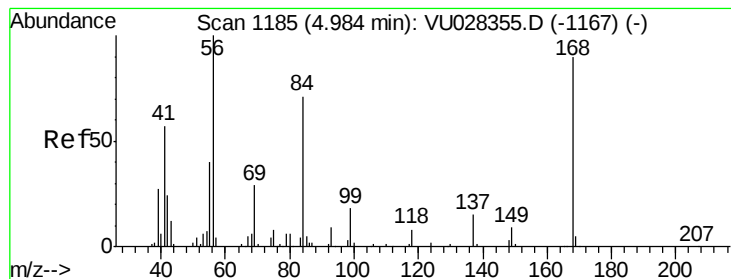
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112818\
Data File : VU028371.D
Acq On : 28 Nov 2018 17:20
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Sample : VU1128WBSD01
Misc : 5.0mL/MSVOA U/WATER
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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

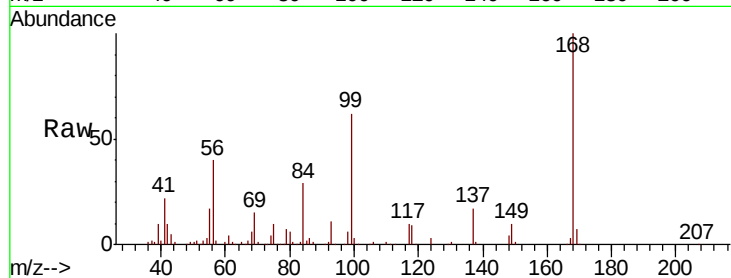
VU1128WBSD01

Tot Ion:168 Resp: 246408

Ion Ratio Lower Upper

168 100

99 61.3 49.6 74.4



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

Ion 98.90 (98.60 to 99.60): VU028371.D (-1092) (-)

4.98

120000

100000

80000

60000

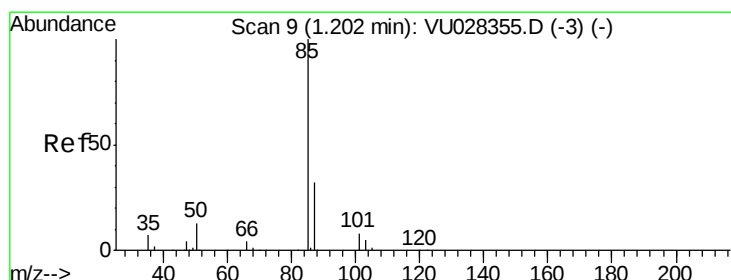
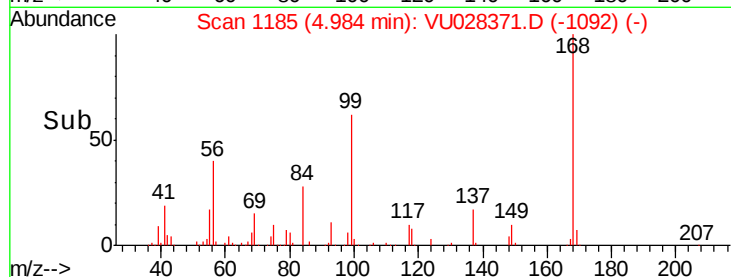
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.444 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028371.D

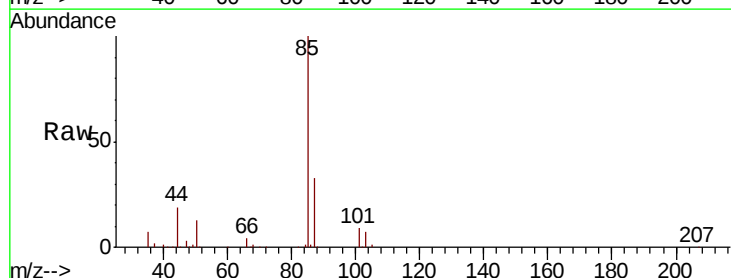
Acq: 28 Nov 2018 17:20

Tgt Ion: 85 Resp: 64272

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



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

Ion 86.90 (86.60 to 87.60): VU028371.D (-1) (-)

1.21

60000

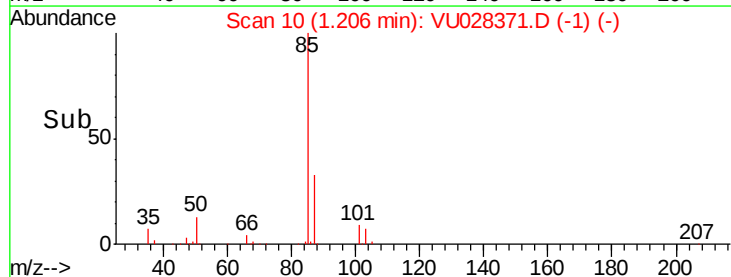
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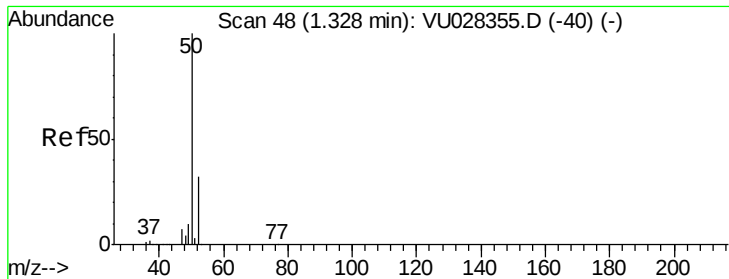
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.841 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

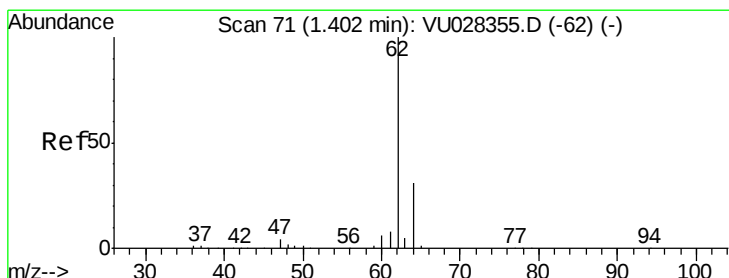
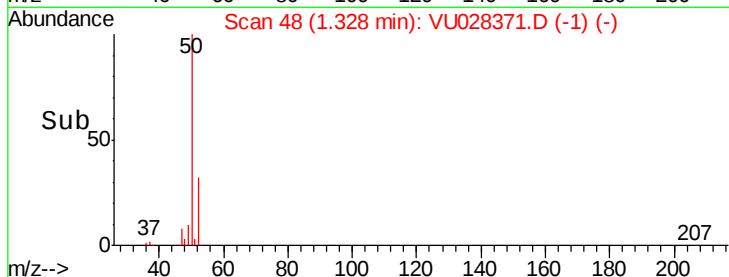
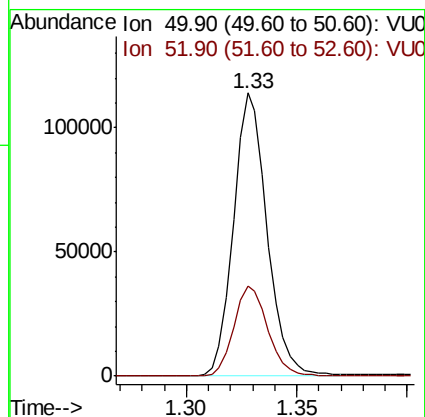
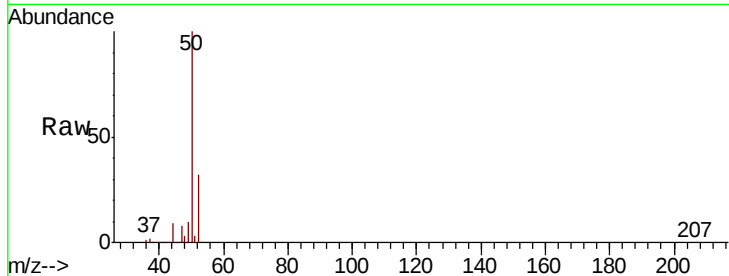
VU1128WBSD01

Tot Ion: 50 Resp: 120716

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



#4

Vinyl Chloride

Concen: 19.638 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028371.D

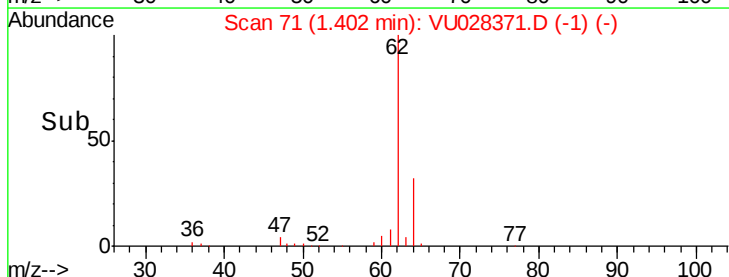
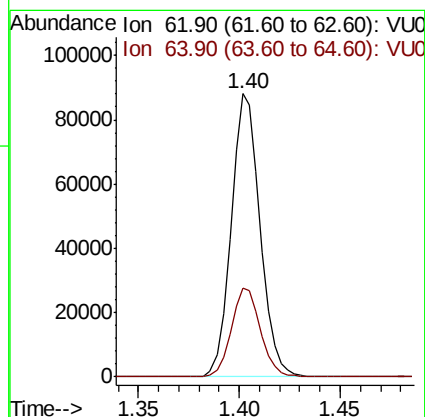
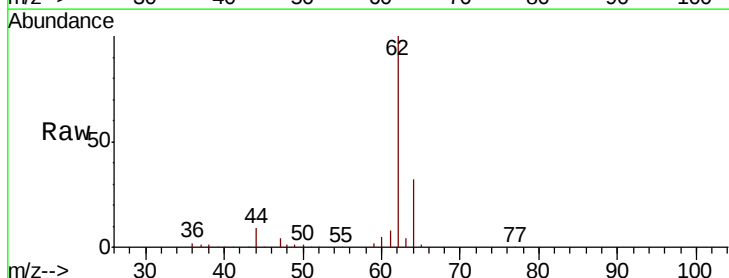
Acq: 28 Nov 2018 17:20

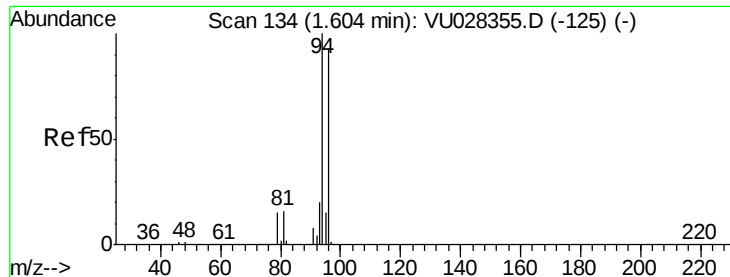
Tgt Ion: 62 Resp: 88035

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 16.252 ug/l

RT: 1.61 min Scan# 136

Delta R.T. 0.01 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

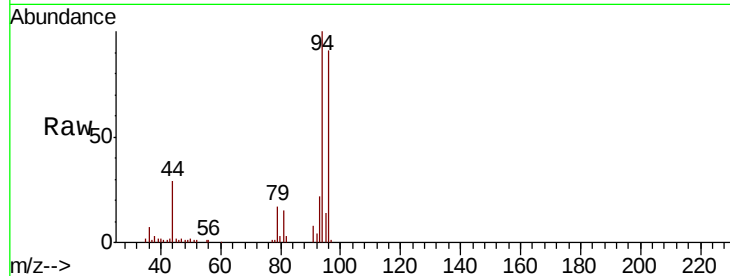
VU1128WBSD01

Tot Ion: 94 Resp: 28178

Ion Ratio Lower Upper

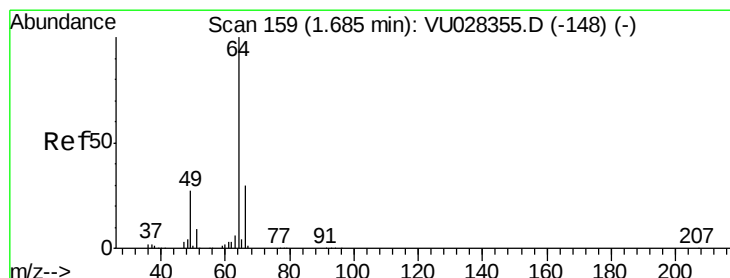
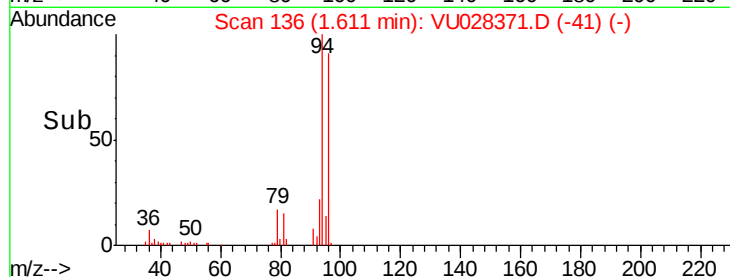
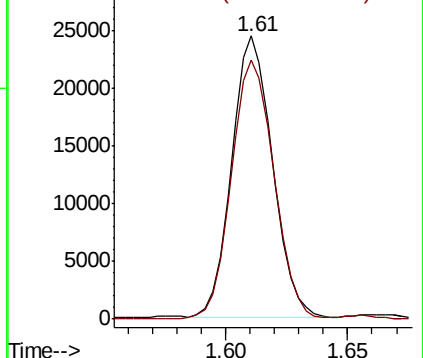
94 100

96 91.5 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: 19.606 ug/l

RT: 1.69 min Scan# 160

Delta R.T. 0.00 min

Lab File: VU028371.D

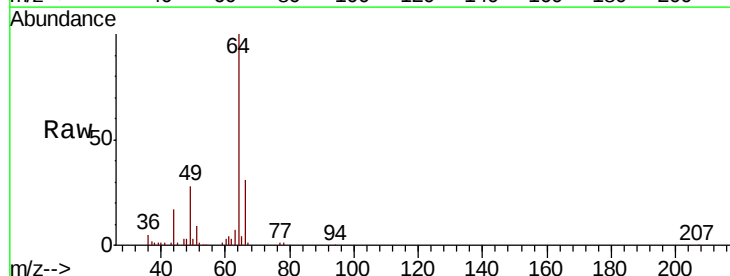
Acq: 28 Nov 2018 17:20

Tgt Ion: 64 Resp: 50573

Ion Ratio Lower Upper

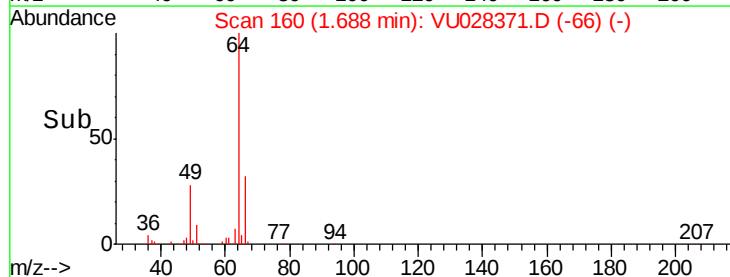
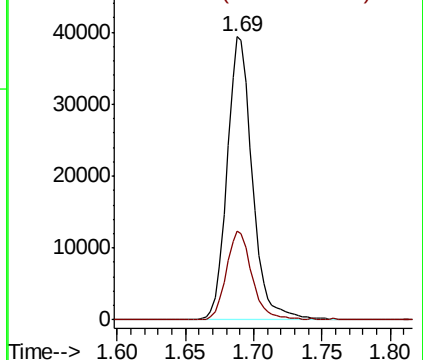
64 100

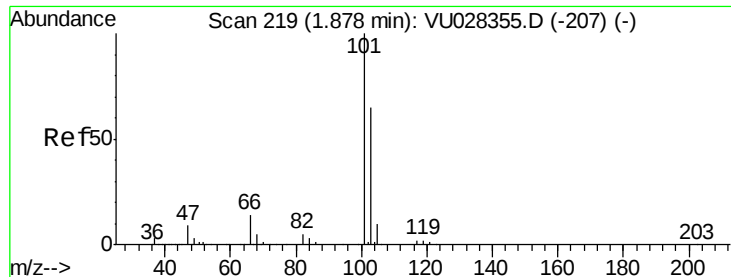
66 31.4 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



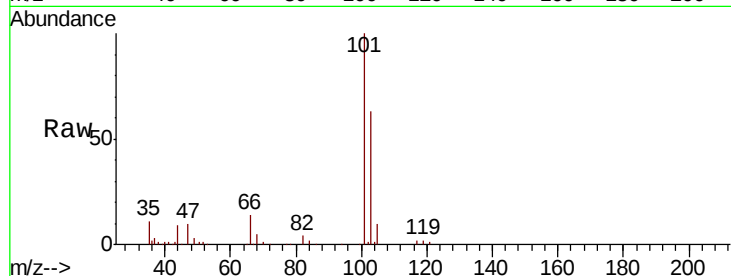


#7

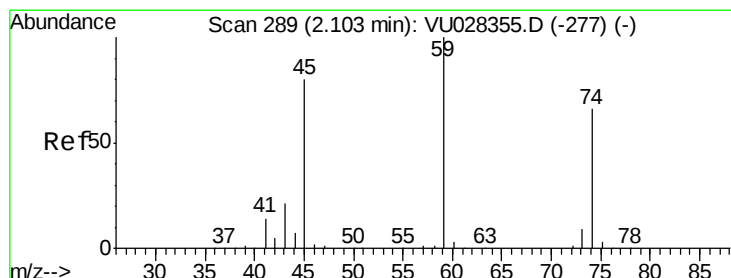
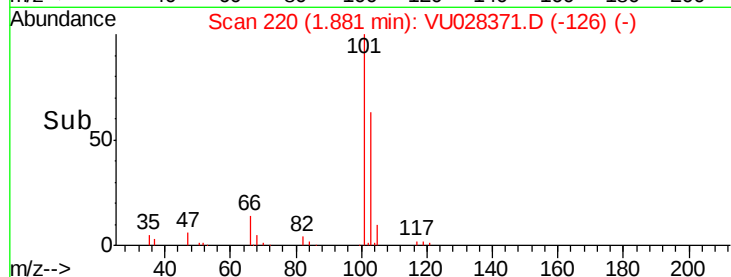
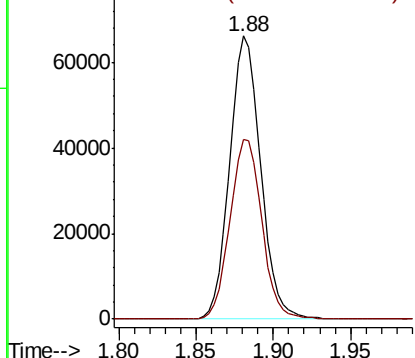
Trichlorofluoromethane
 Concen: 19.638 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Instrument :
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 VU1128WBSD01

Tot Ion:101 Resp: 91443
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.6 77.4



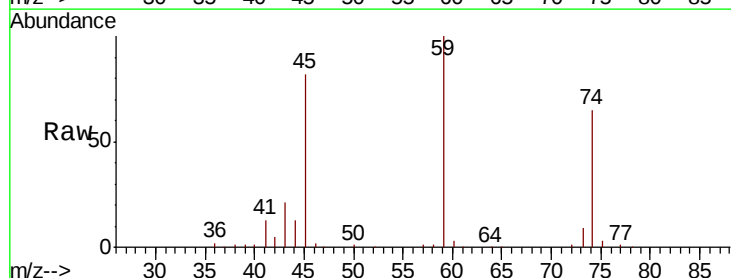
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



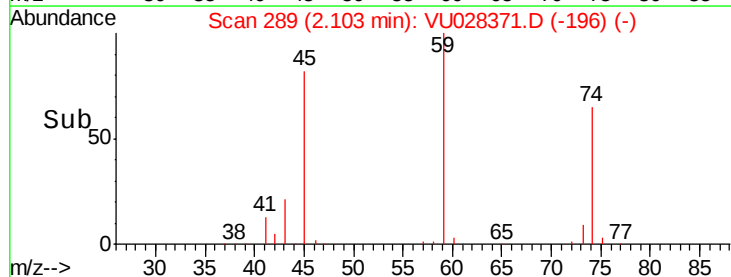
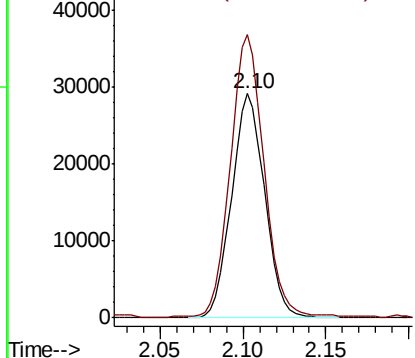
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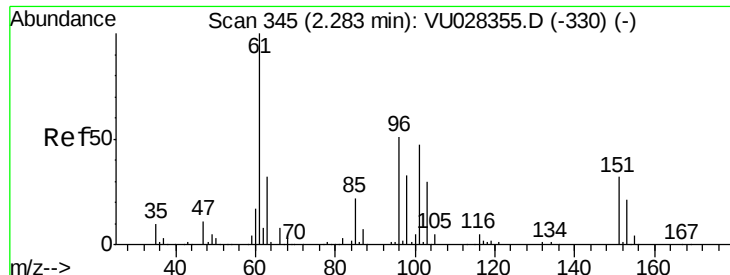
Diethyl Ether
 Concen: 18.634 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU028371.D
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Tgt Ion: 74 Resp: 40335
 Ion Ratio Lower Upper
 74 100
 45 130.0 63.0 189.1



Abundance Ion 74.00 (73.70 to 74.70): VU0
 Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.927 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028371.D

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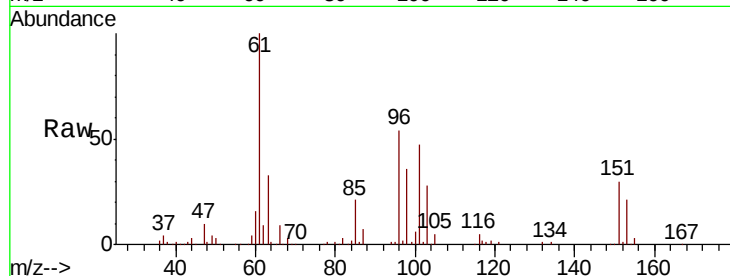
Tot Ion:101 Resp: 54052

Ion Ratio Lower Upper

101 100

85 45.1 37.2 55.8

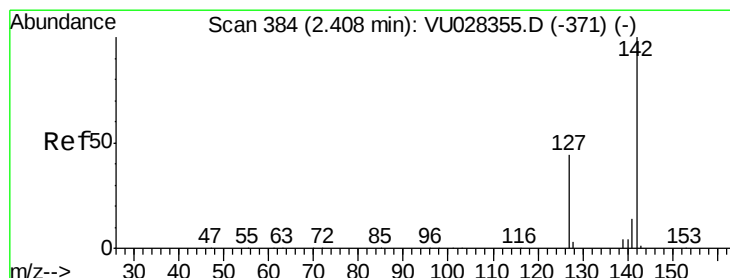
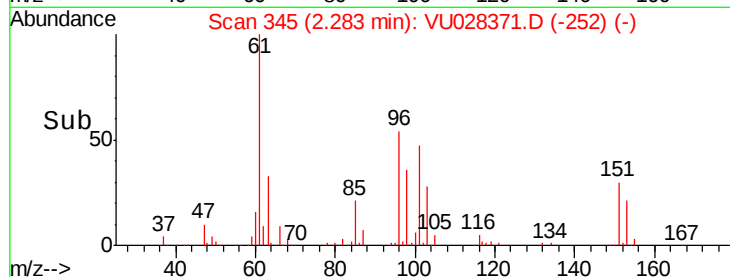
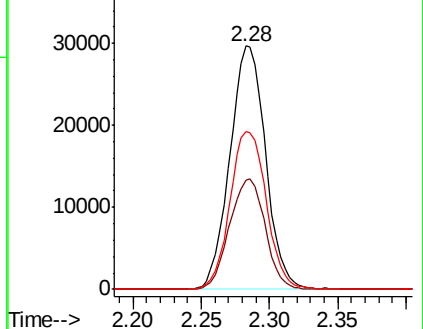
151 66.1 55.4 83.0



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: 21.986 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

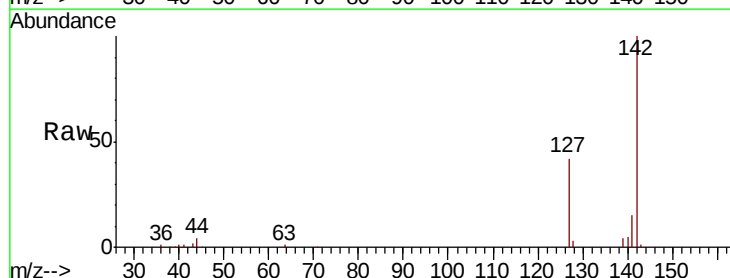
Tgt Ion:142 Resp: 56238

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

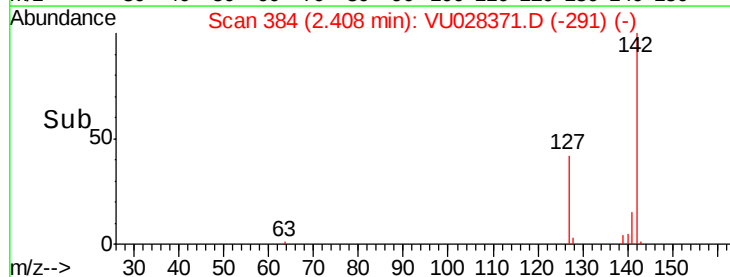
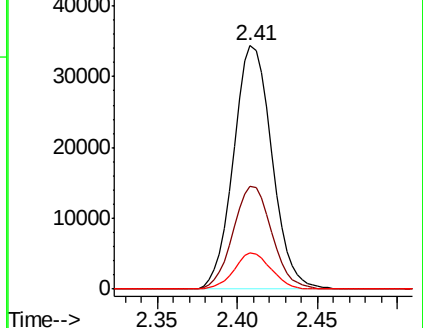
141 14.2 11.2 16.8

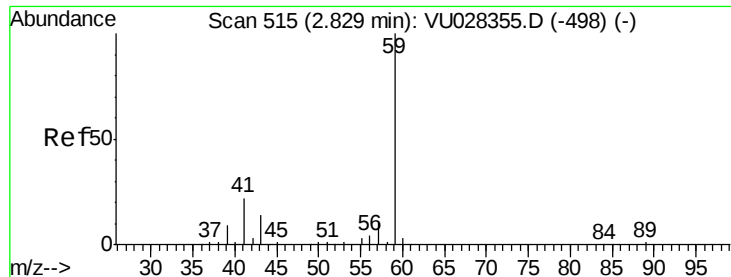


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



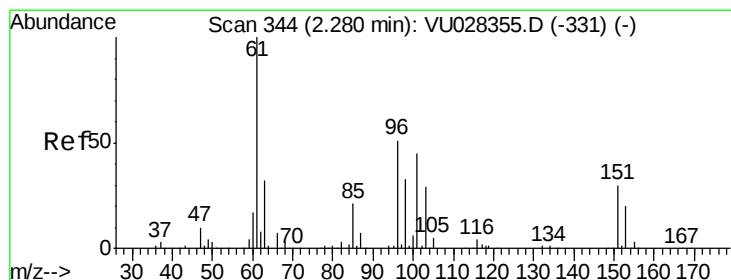
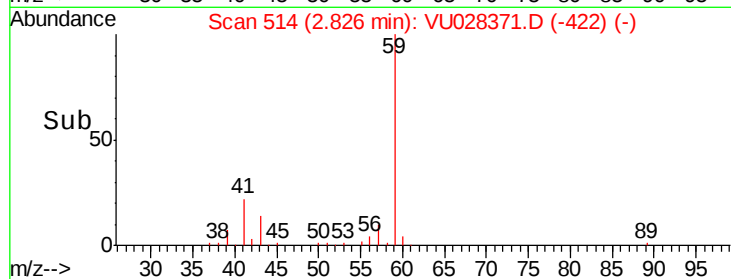
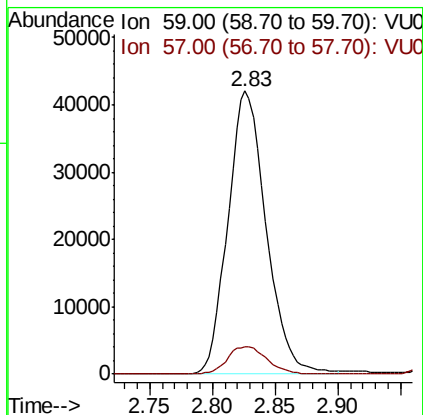
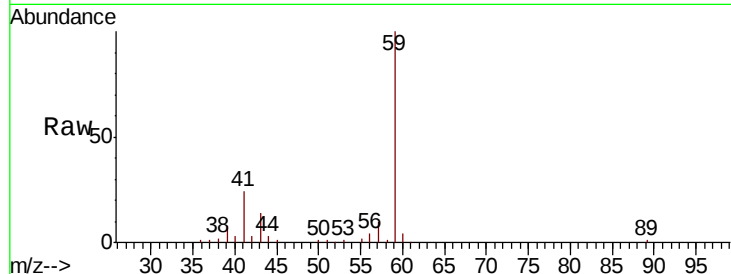


#11

Tert butyl alcohol
 Concen: 95.354 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

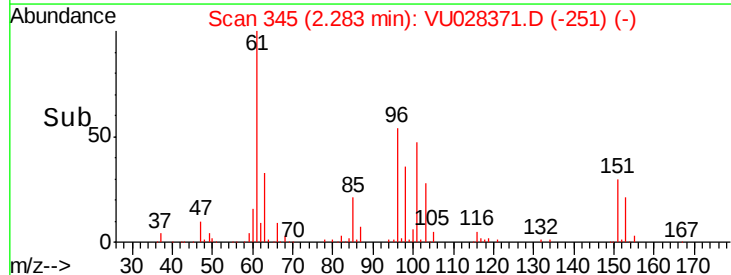
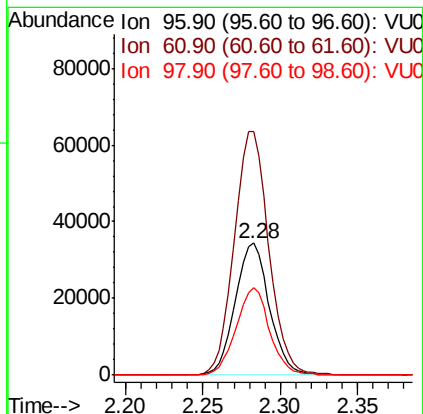
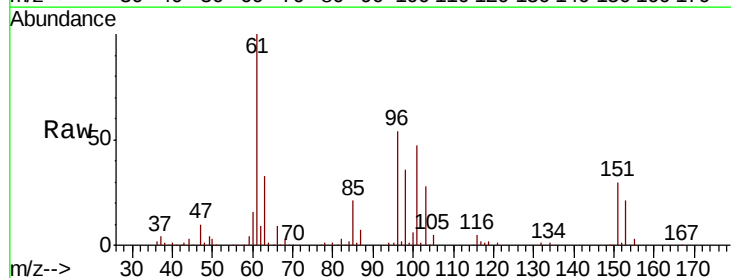
Tot Ion: 59 Resp: 89209
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

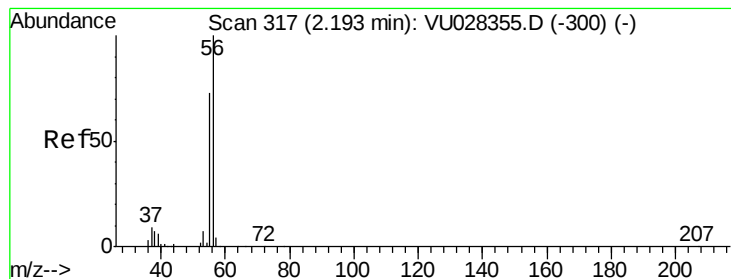


#12

1,1-Dichloroethene
 Concen: 20.014 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion: 96 Resp: 52686
 Ion Ratio Lower Upper
 96 100
 61 184.3 158.1 237.1
 98 66.3 51.4 77.2





#13

Acrolein

Concen: 89.823 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

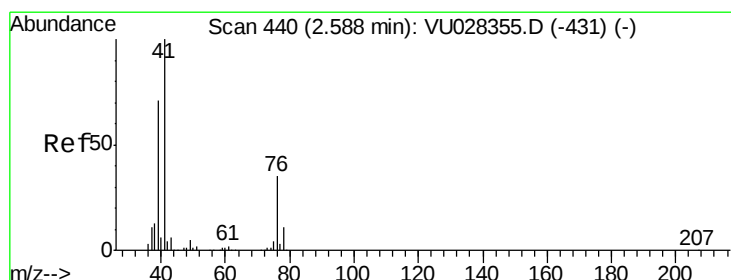
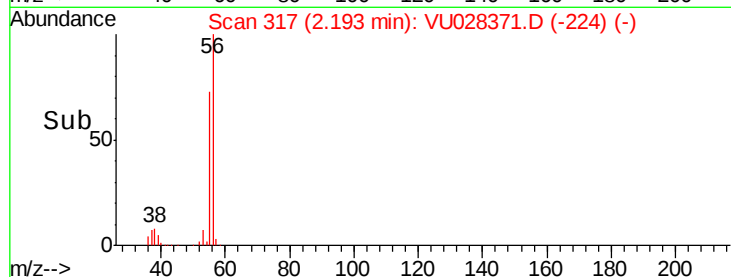
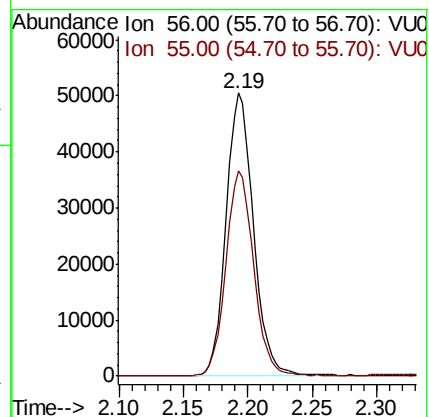
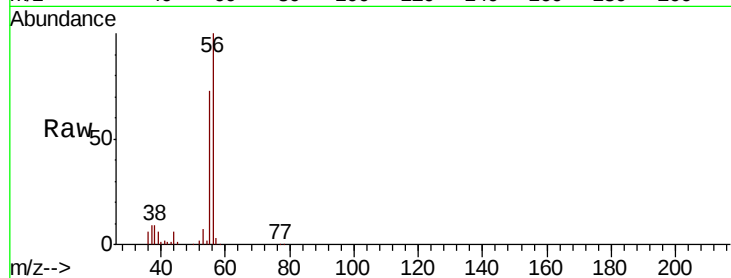
VU1128WBSD01

Tot Ion: 56 Resp: 74708

Ion Ratio Lower Upper

56 100

55 73.5 56.6 85.0



#14

Allyl chloride

Concen: 18.490 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

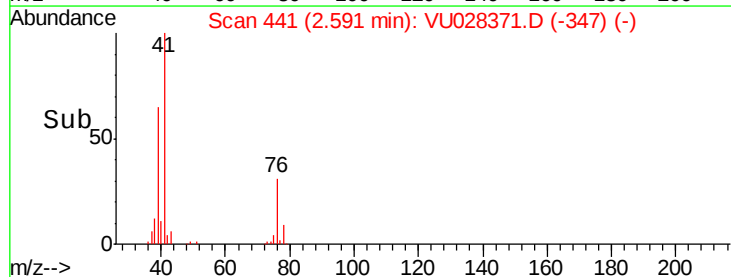
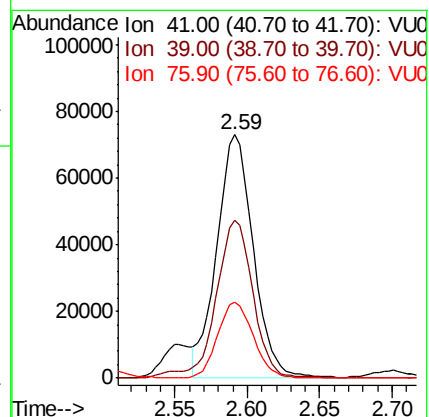
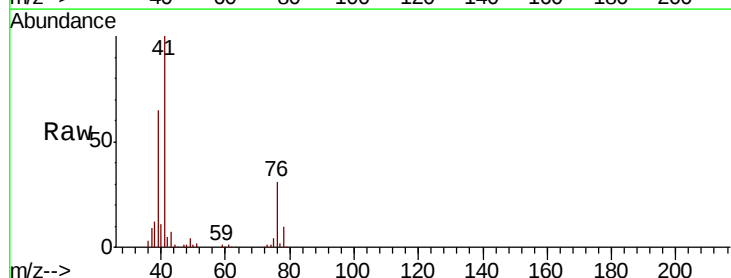
Tgt Ion: 41 Resp: 127169

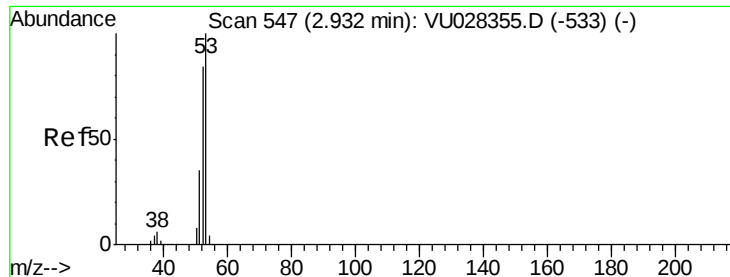
Ion Ratio Lower Upper

41 100

39 66.0 51.6 77.4

76 30.1 24.4 36.6

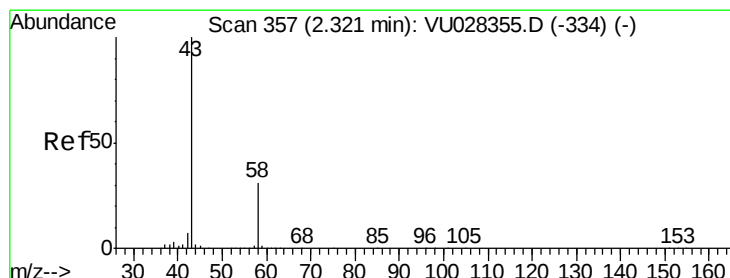
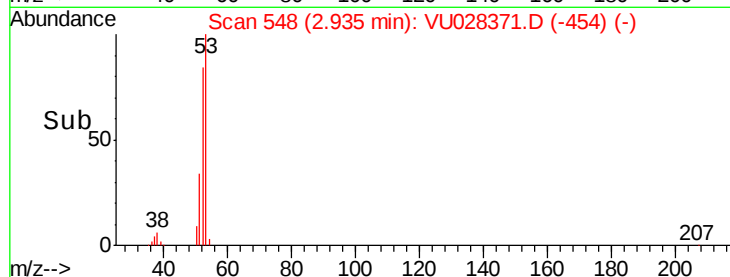
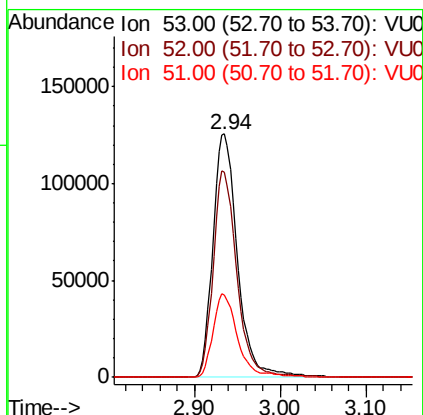
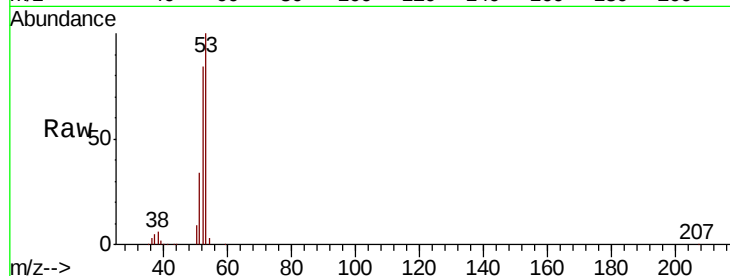




#15
 Acrylonitrile
 Concen: 101.553 ug/l
 RT: 2.94 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

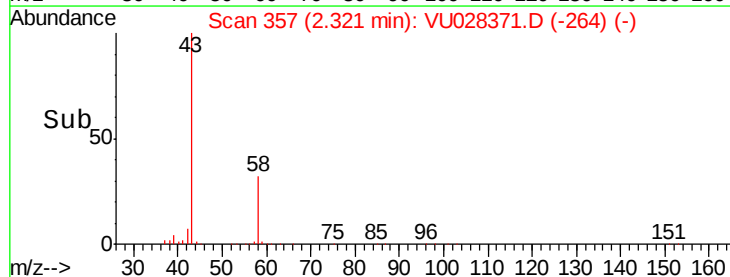
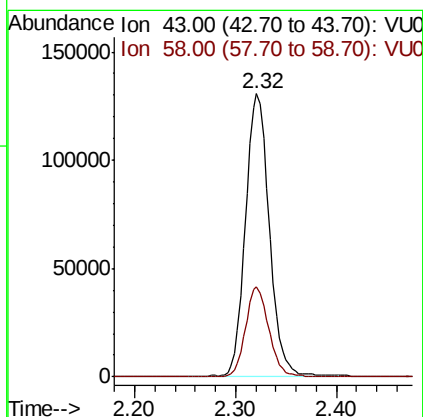
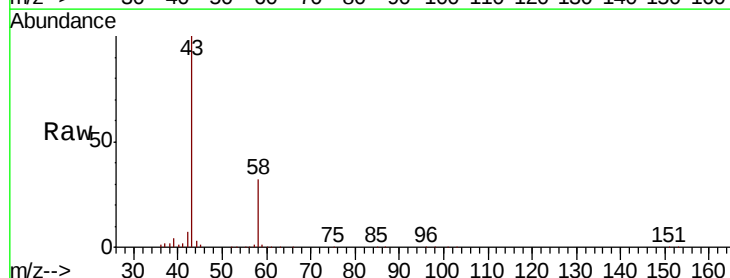
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

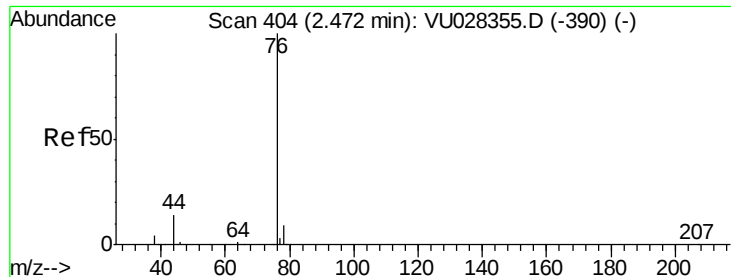
Tot Ion: 53 Resp: 251316
 Ion Ratio Lower Upper
 53 100
 52 81.8 65.7 98.5
 51 34.5 27.8 41.6



#16
 Acetone
 Concen: 84.314 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion: 43 Resp: 212400
 Ion Ratio Lower Upper
 43 100
 58 32.0 24.4 36.6

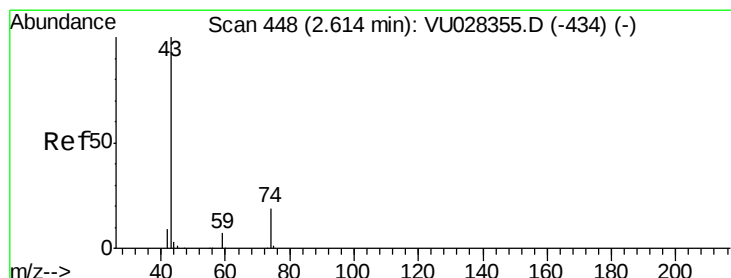
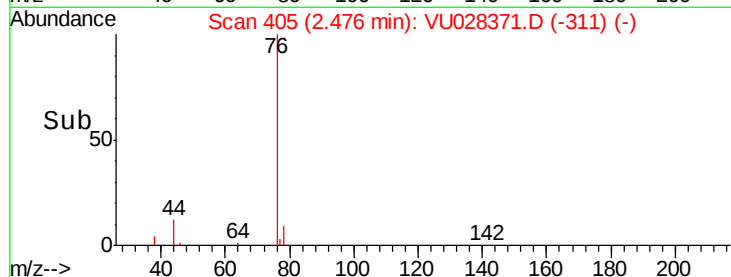
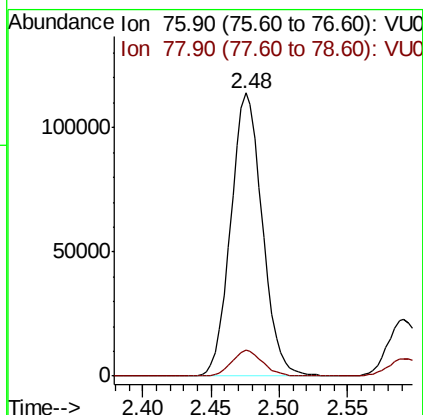
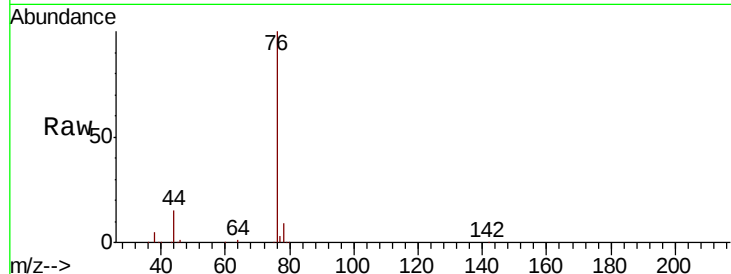




#17
Carbon Disulfide
Concen: 18.119 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

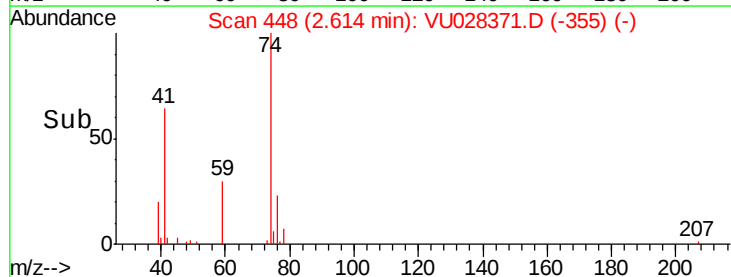
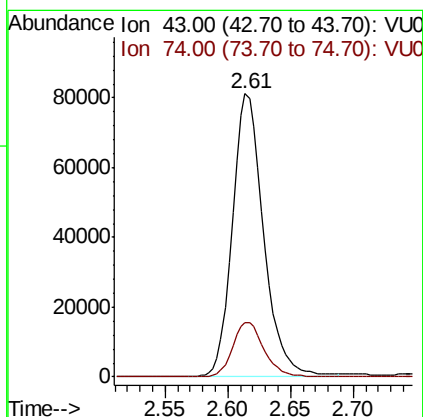
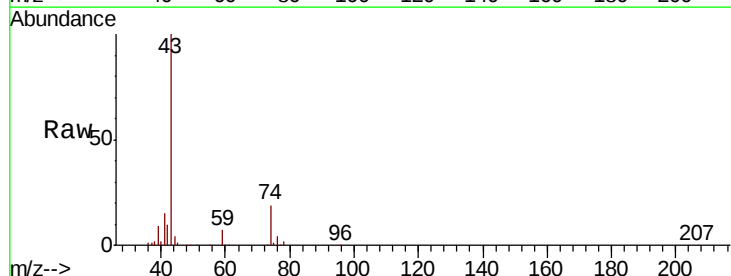
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

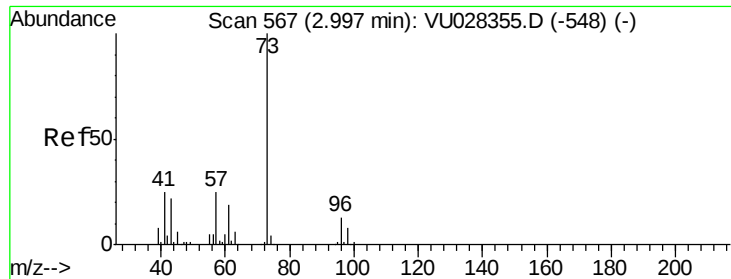
Tot Ion: 76 Resp: 183076
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 19.924 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 43 Resp: 139744
Ion Ratio Lower Upper
43 100
74 19.5 15.3 22.9



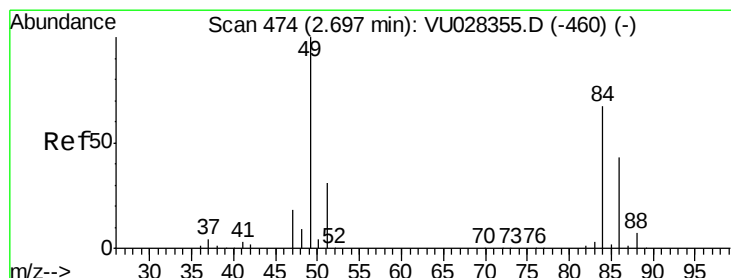
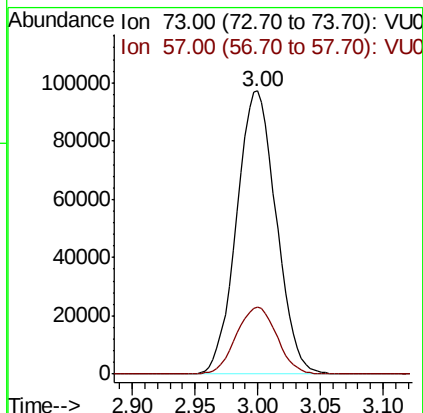
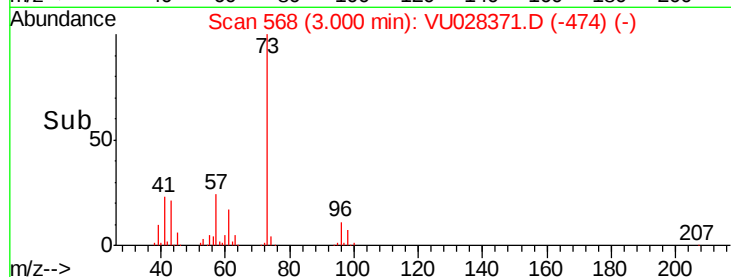
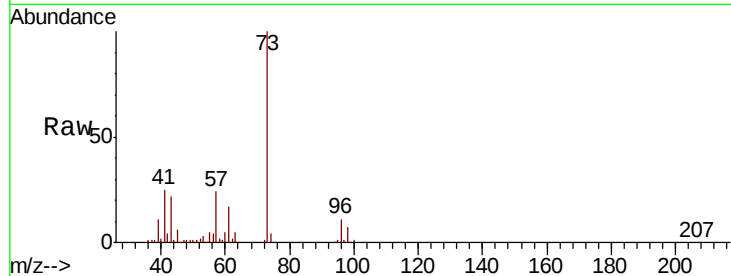


#19

Methyl tert-butyl Ether
 Concen: 19.778 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Instrument :
 MSVOA_U
 ClientSampleID :
 VU1128WBSD01

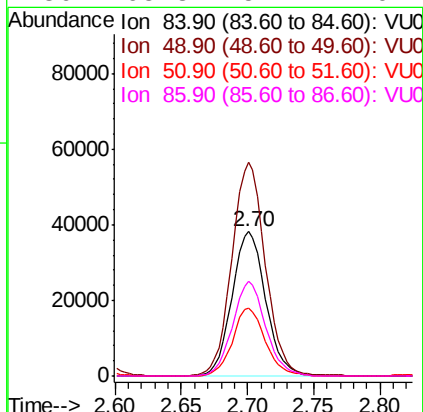
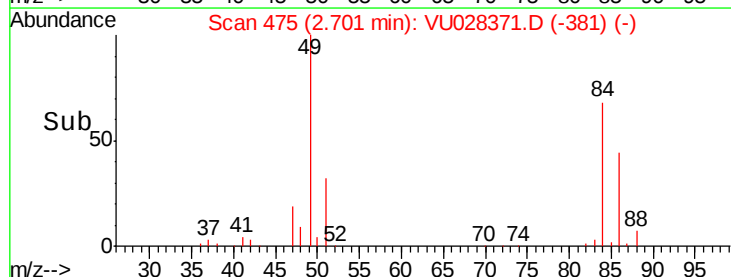
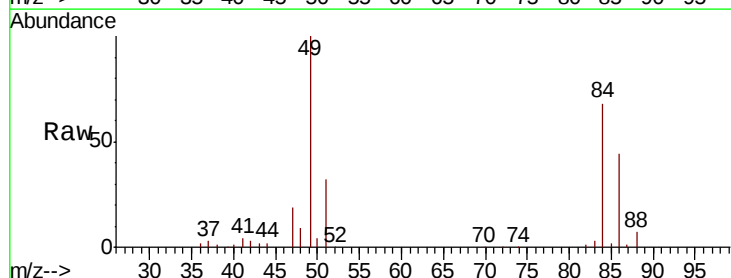
Tot Ion: 73 Resp: 213443
 Ion Ratio Lower Upper
 73 100
 57 23.8 20.1 30.1

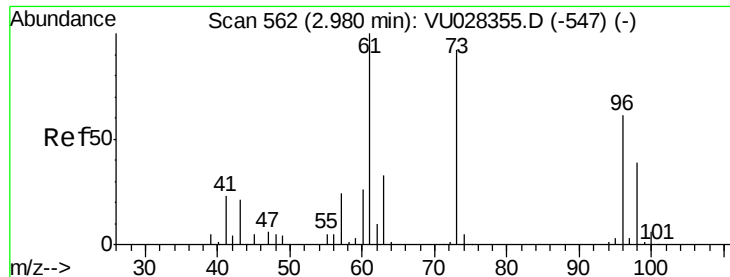


#20

Methylene Chloride
 Concen: 18.982 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion: 84 Resp: 67608
 Ion Ratio Lower Upper
 84 100
 49 147.7 120.0 180.0
 51 47.2 36.9 55.3
 86 65.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.524 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

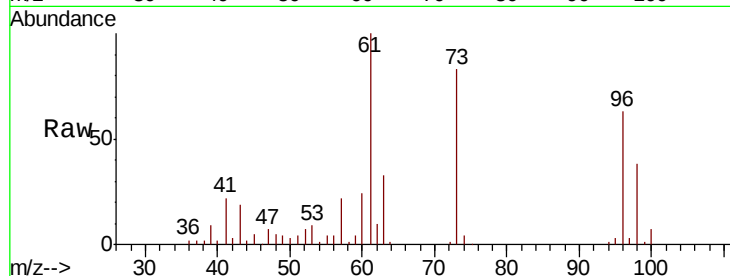
Tot Ion: 96 Resp: 59604

Ion Ratio Lower Upper

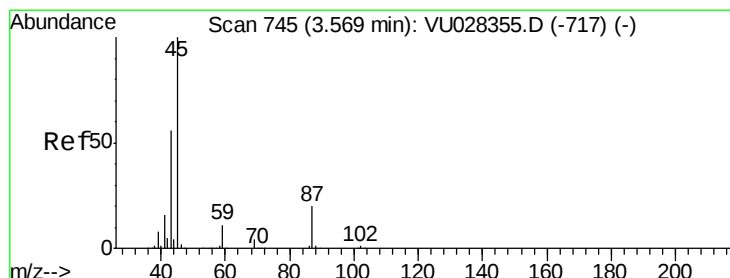
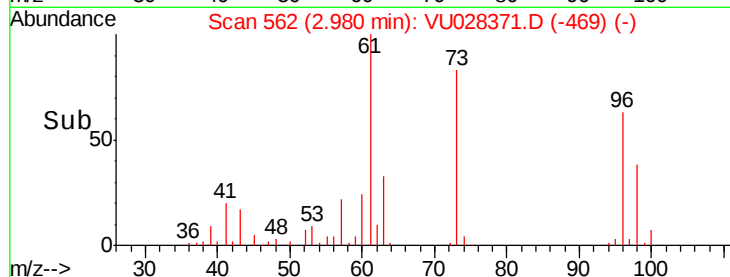
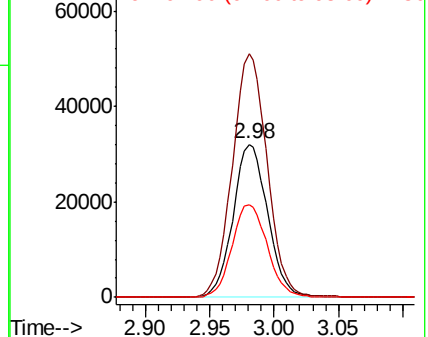
96 100

61 158.8 131.1 196.7

98 60.7 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: 19.601 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Tgt Ion: 45 Resp: 265405

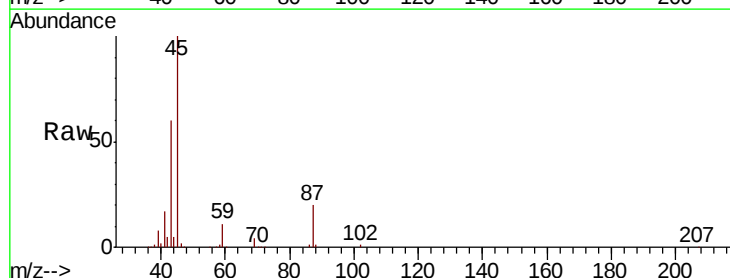
Ion Ratio Lower Upper

45 100

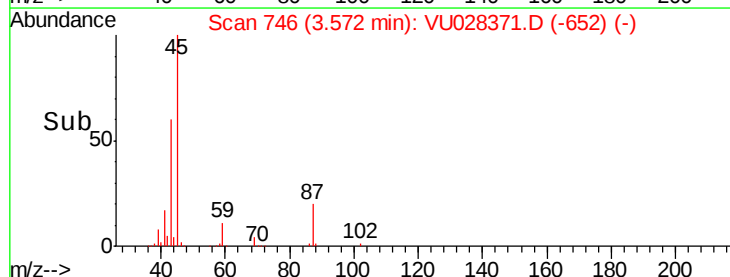
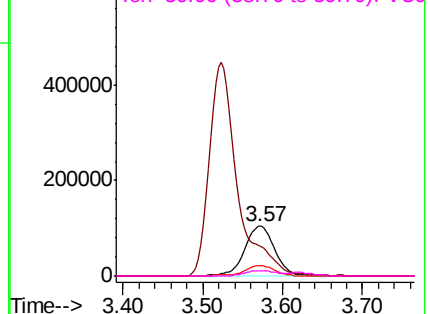
43 58.5 44.8 67.2

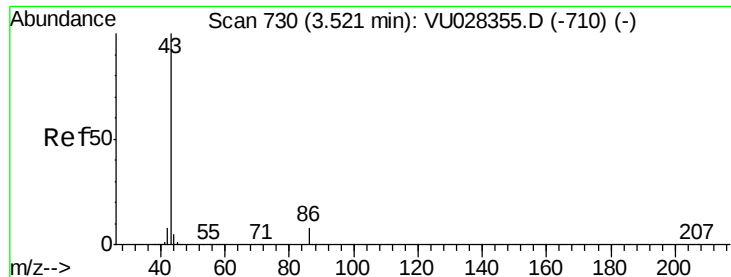
87 20.5 16.3 24.5

59 10.9 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: 97.340 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

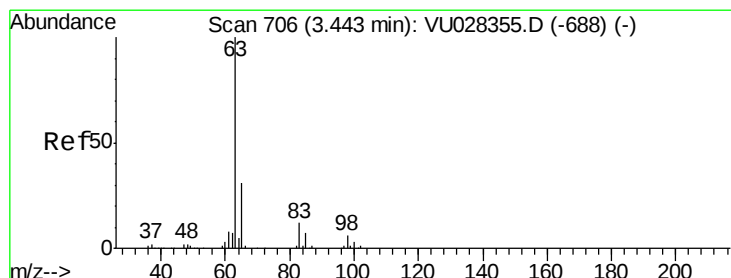
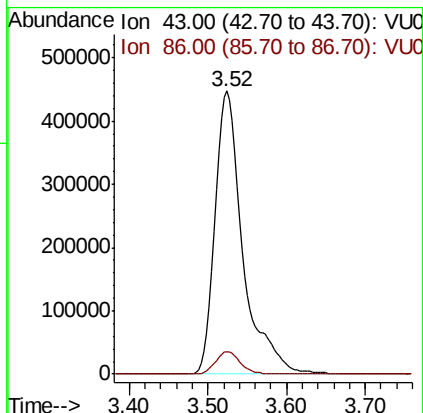
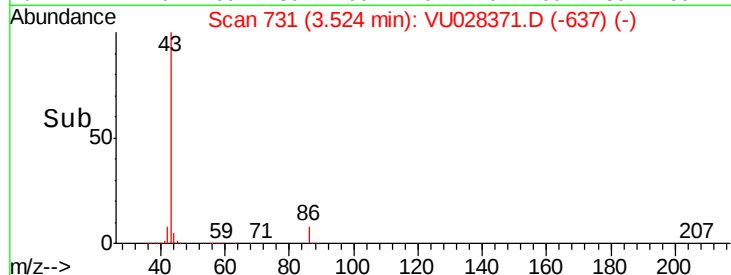
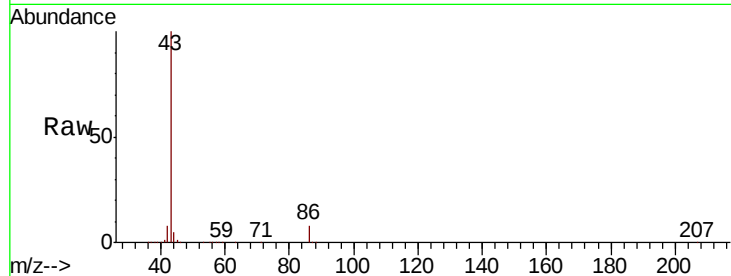
VU1128WBSD01

Tot Ion: 43 Resp: 1095572

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.280 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

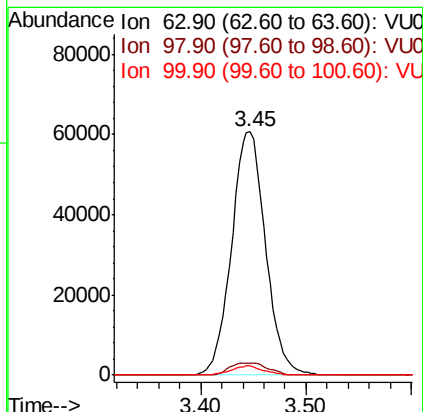
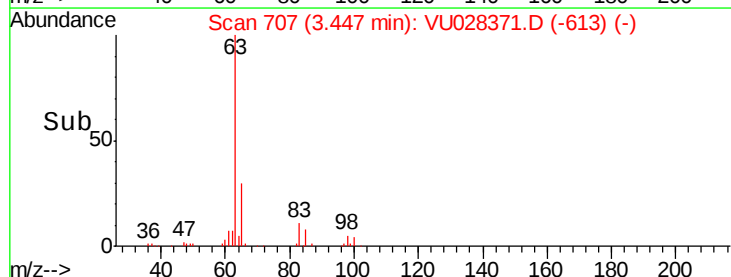
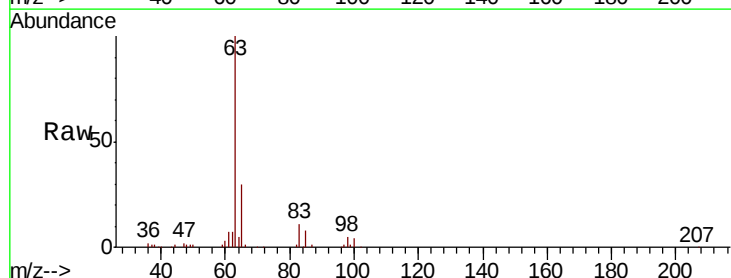
Tgt Ion: 63 Resp: 135386

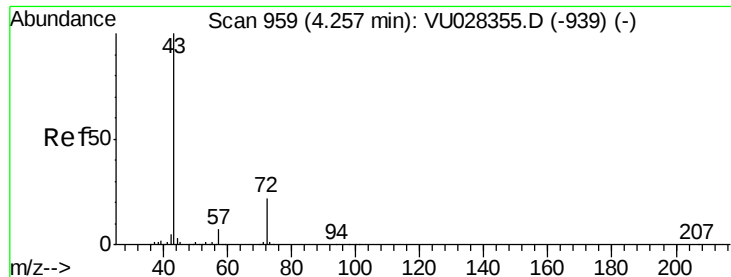
Ion Ratio Lower Upper

63 100

98 5.1 2.9 8.6

100 3.8 1.7 5.1

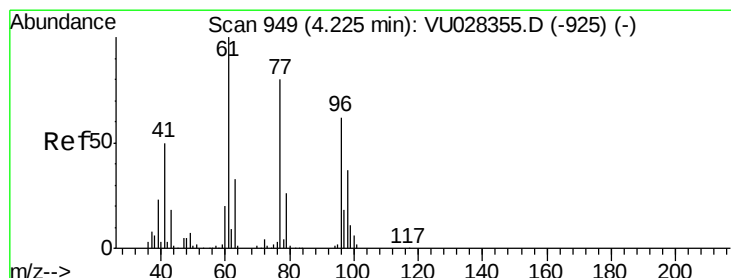
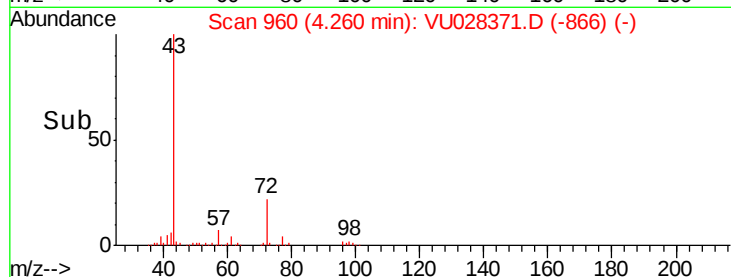
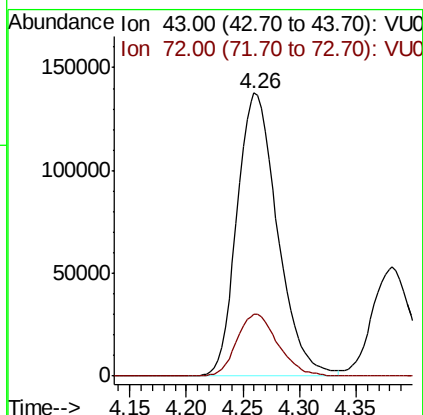
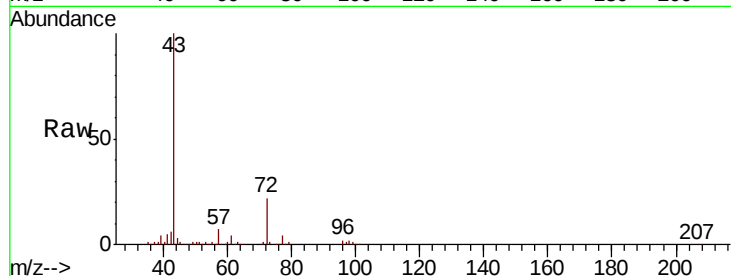




#25
2-Butanone
Concen: 94.525 ug/l
RT: 4.26 min Scan# 960
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

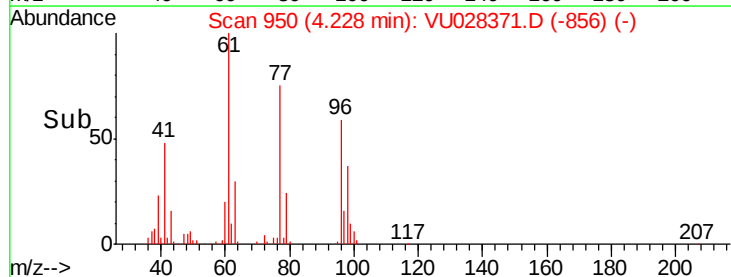
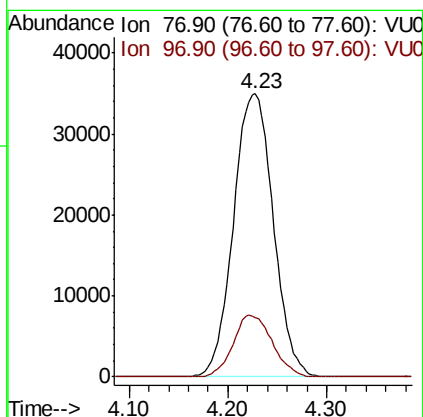
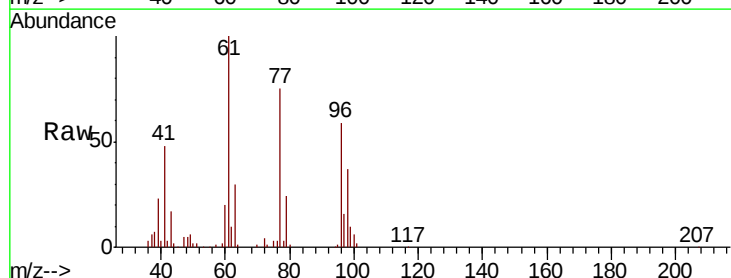
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

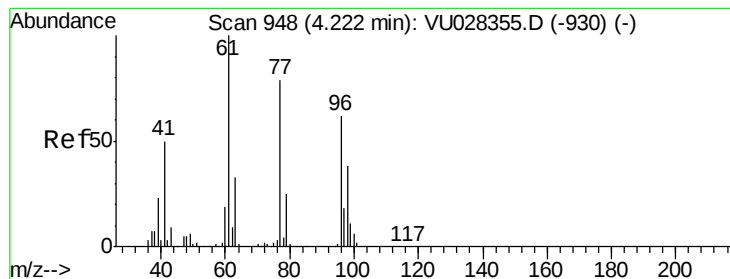
Tot Ion: 43 Resp: 341265
Ion Ratio Lower Upper
43 100
72 21.6 17.7 26.5



#26
2,2-Dichloropropane
Concen: 18.405 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 77 Resp: 97581
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1



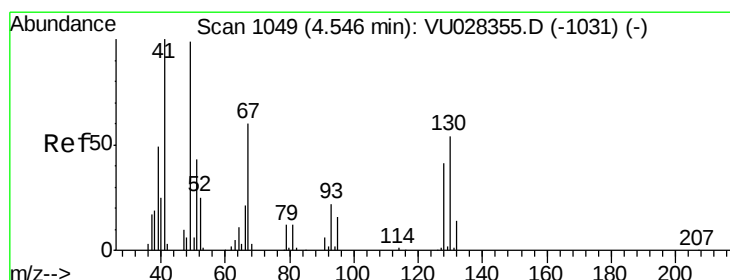
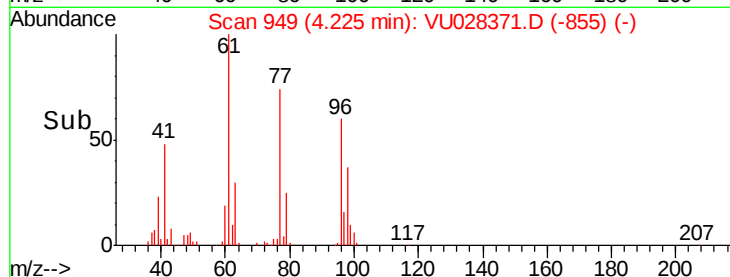
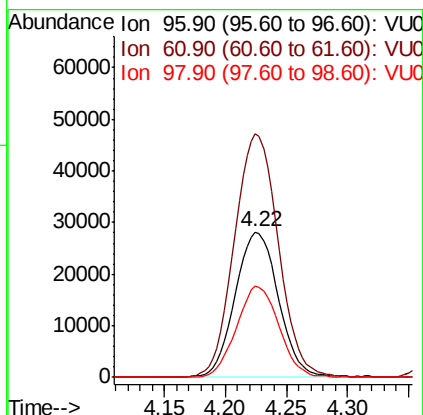
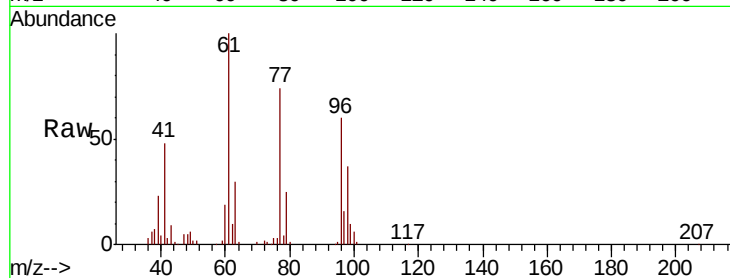


#27

cis-1,2-Dichloroethene
 Concen: 19.115 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

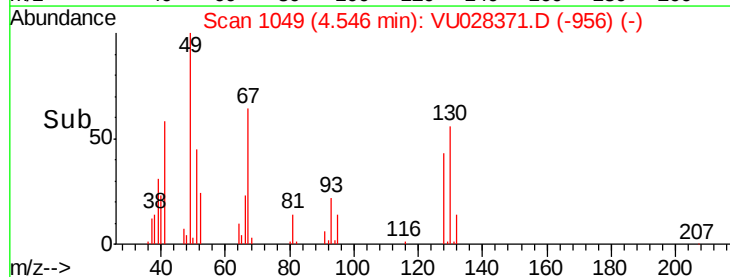
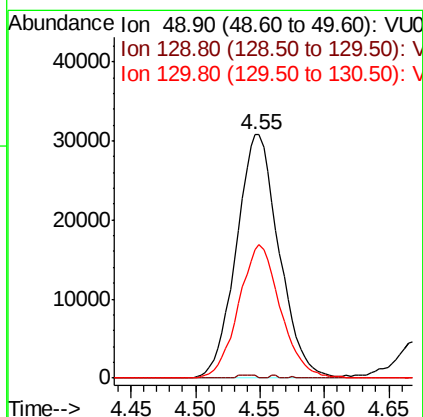
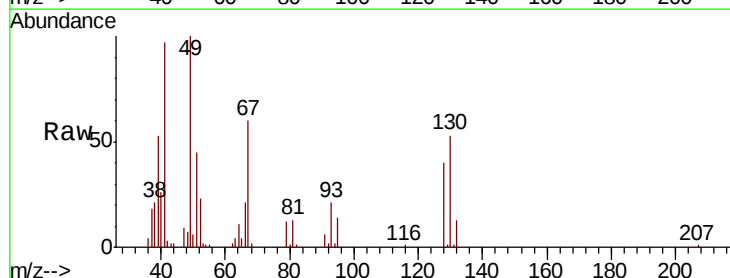
Tot Ion: 96 Resp: 69014
 Ion Ratio Lower Upper
 96 100
 61 170.8 0.0 342.0
 98 61.8 0.0 126.4

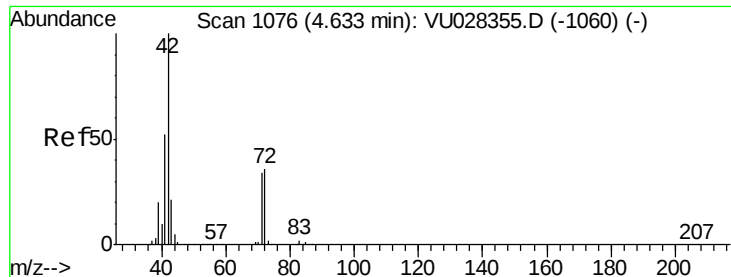


#28

Bromochloromethane
 Concen: 21.236 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion: 49 Resp: 70888
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 2.6
 130 53.9 44.5 66.7





#29

Tetrahydrofuran

Concen: 101.595 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

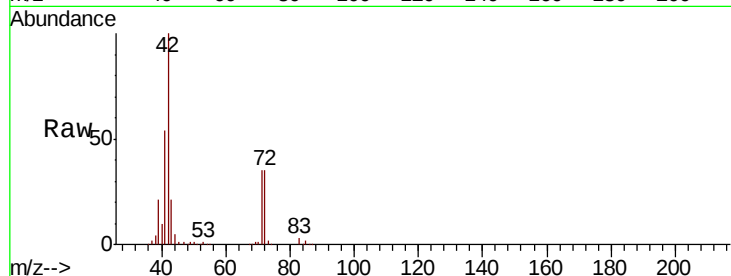
Tot Ion: 42 Resp: 238146

Ion Ratio Lower Upper

42 100

72 36.5 29.5 44.3

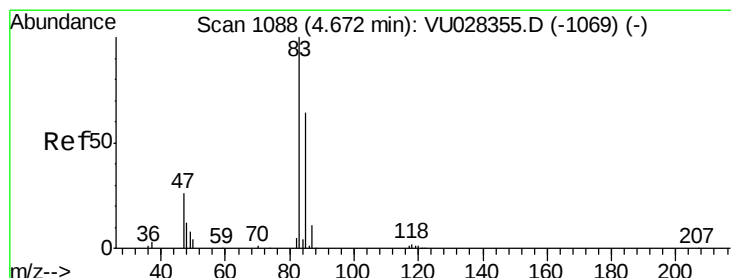
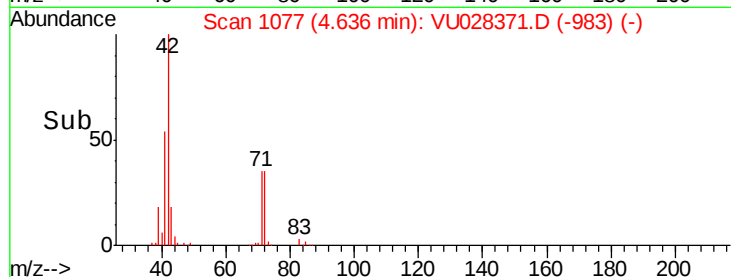
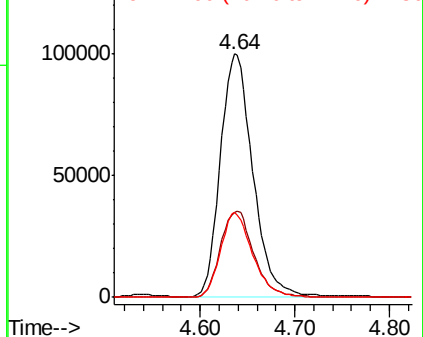
71 34.4 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 19.129 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU028371.D

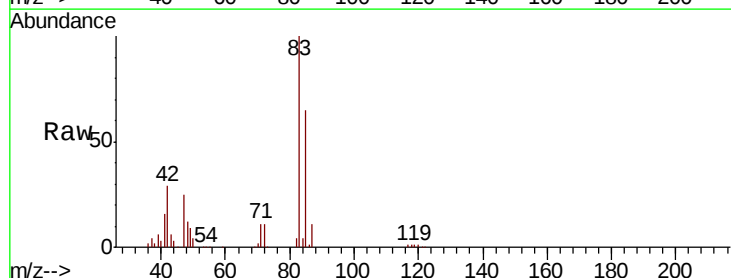
Acq: 28 Nov 2018 17:20

Tgt Ion: 83 Resp: 117874

Ion Ratio Lower Upper

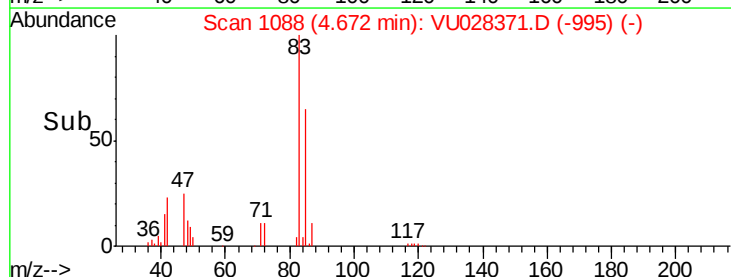
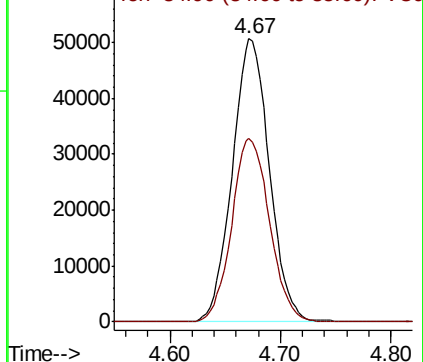
83 100

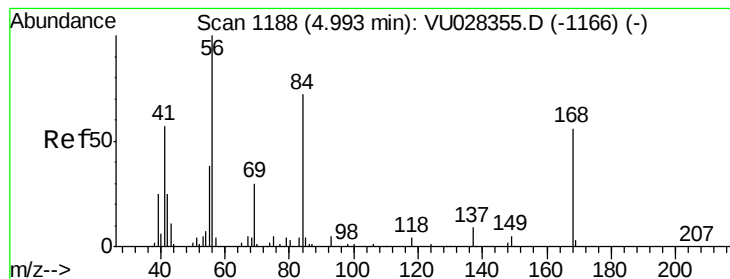
85 65.0 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 19.422 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

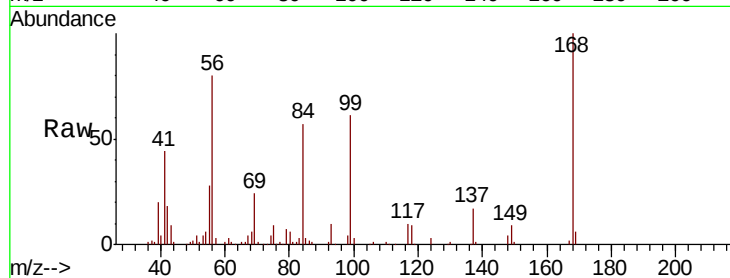
Tot Ion: 56 Resp: 134716

Ion Ratio Lower Upper

56 100

69 30.0 23.7 35.5

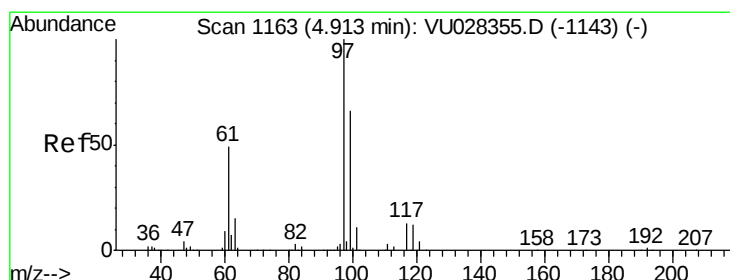
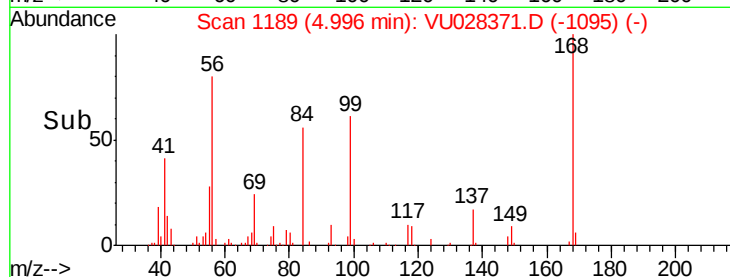
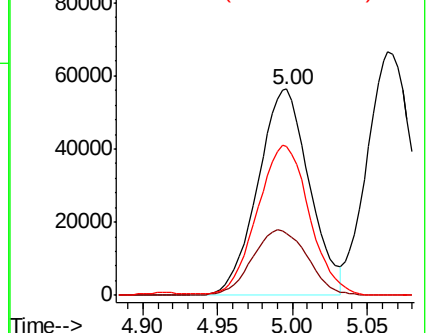
84 71.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VU028371.D (-1095) (-)

Ion 69.00 (68.70 to 69.70): VU028371.D (-1095) (-)

Ion 84.00 (83.70 to 84.70): VU028371.D (-1095) (-)



#32

1,1,1-Trichloroethane

Concen: 19.480 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

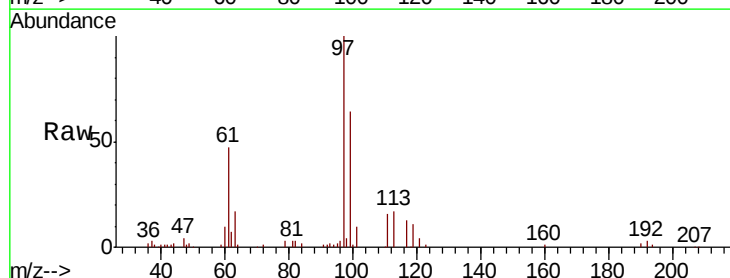
Tgt Ion: 97 Resp: 96321

Ion Ratio Lower Upper

97 100

99 62.0 50.8 76.2

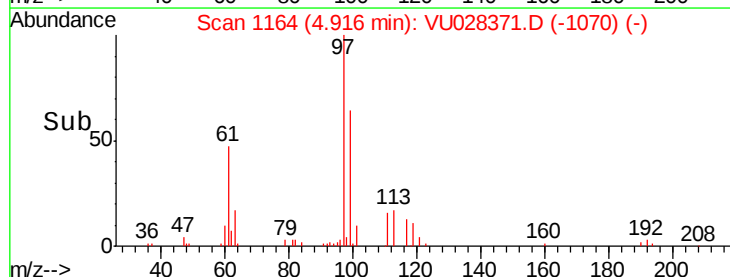
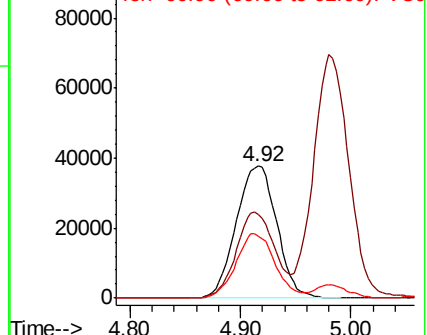
61 47.1 39.1 58.7

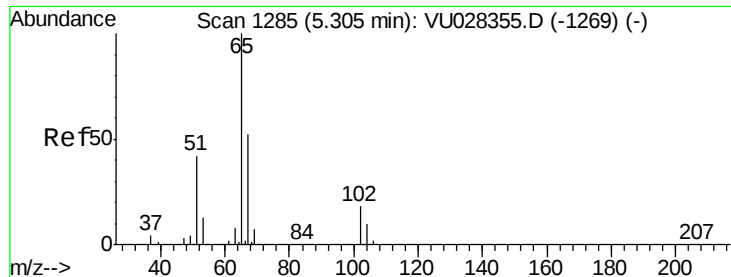


Abundance Ion 96.90 (96.60 to 97.60): VU028371.D (-1070) (-)

Ion 98.90 (98.60 to 99.60): VU028371.D (-1070) (-)

Ion 60.90 (60.60 to 61.60): VU028371.D (-1070) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.757 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

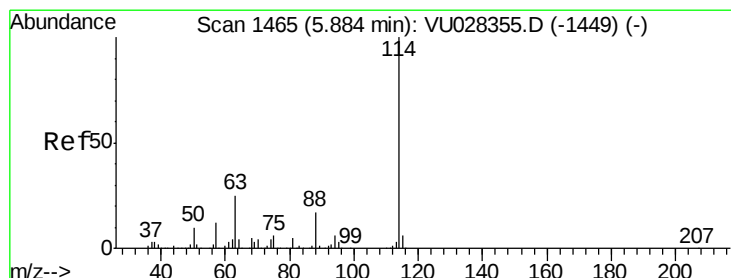
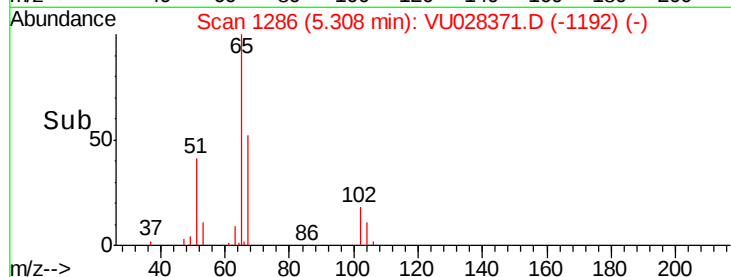
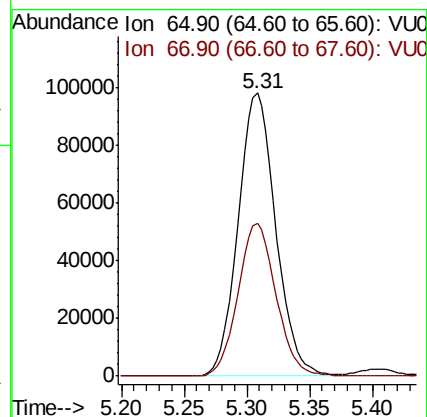
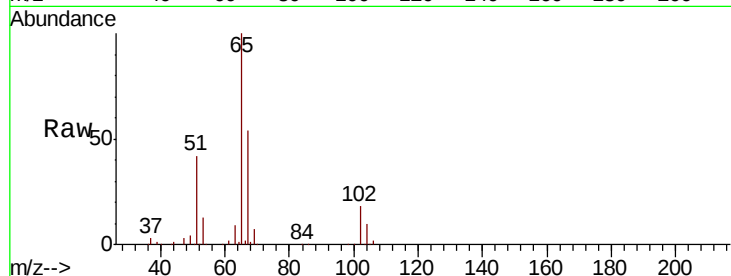
VU1128WBSD01

Tot Ion: 65 Resp: 204902

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

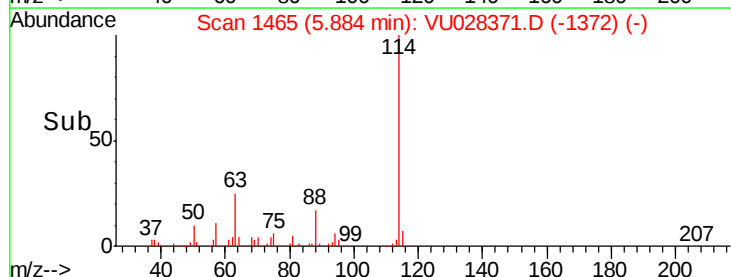
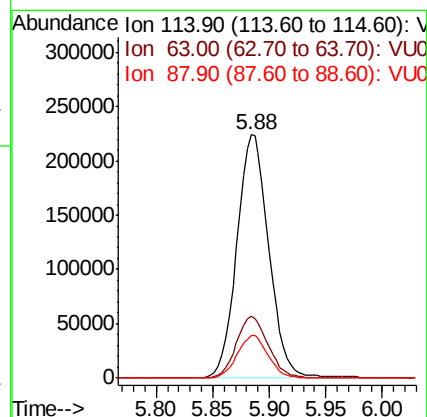
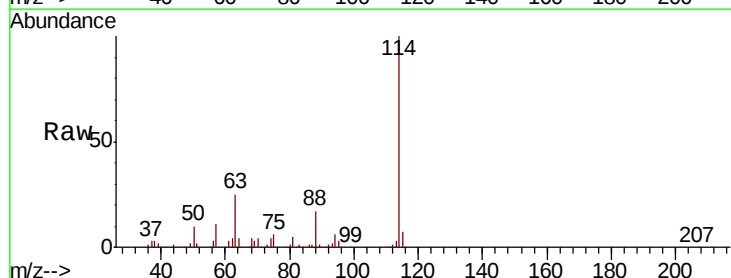
Tgt Ion: 114 Resp: 439994

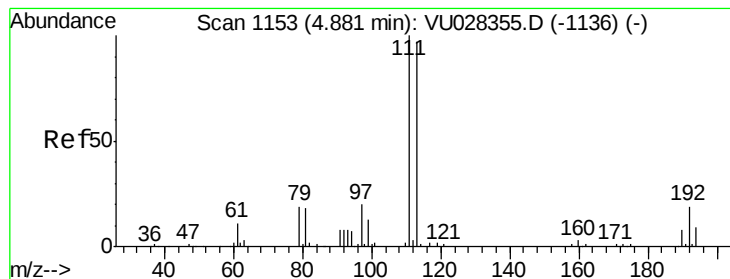
Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.0

88 17.3 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.133 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

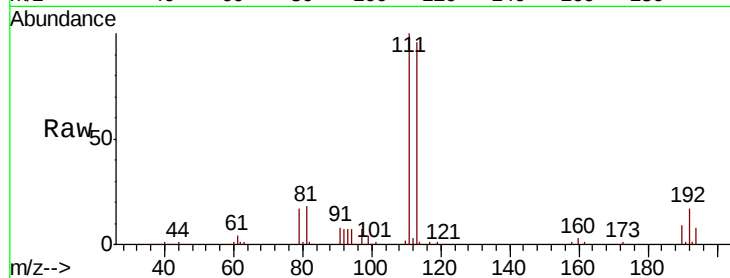
Tot Ion:113 Resp: 143752

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

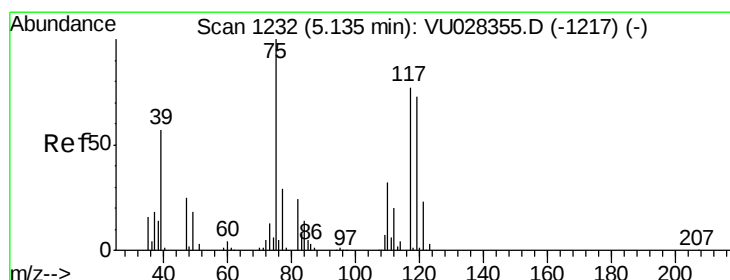
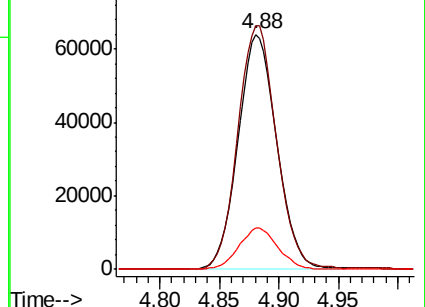
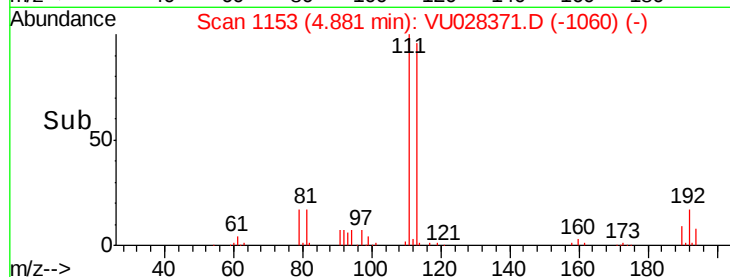
192 17.7 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.986 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

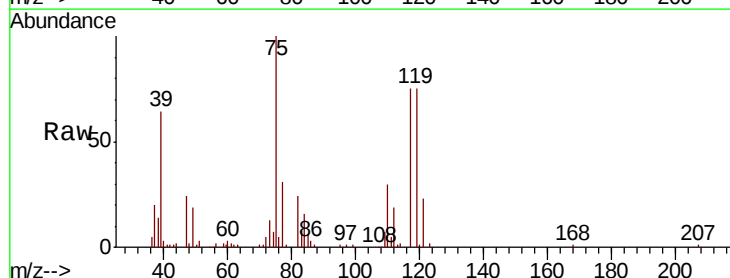
Tgt Ion: 75 Resp: 91413

Ion Ratio Lower Upper

75 100

110 30.9 15.8 47.4

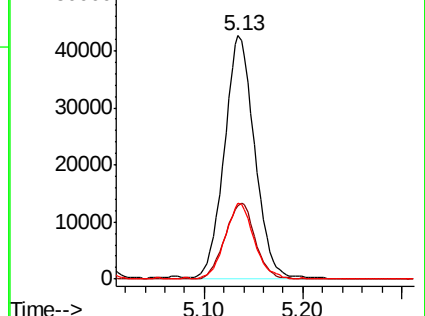
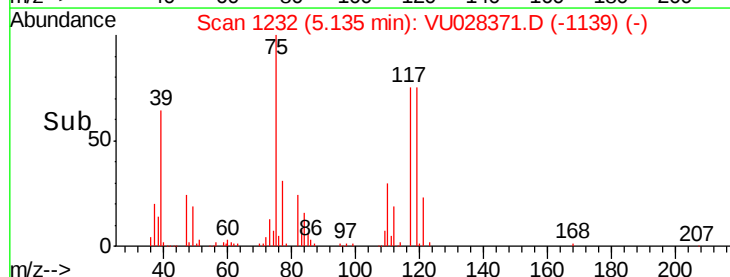
77 29.4 24.6 36.8

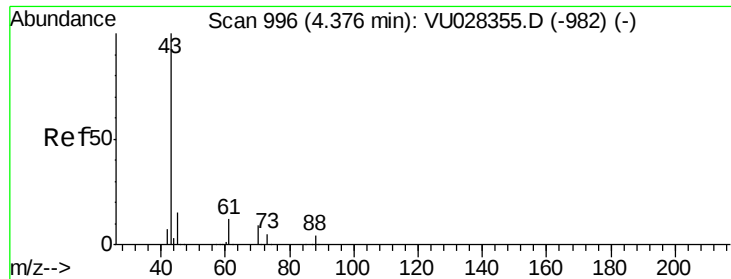


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

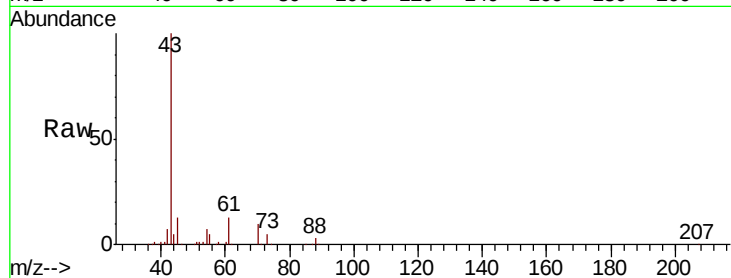




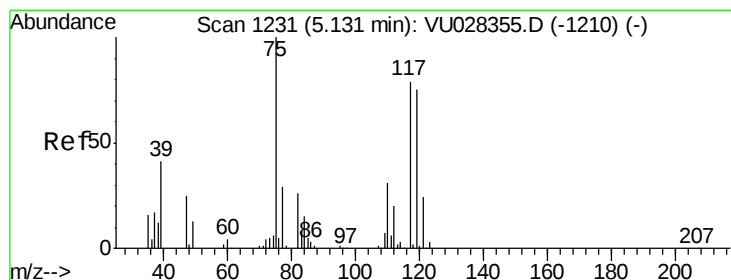
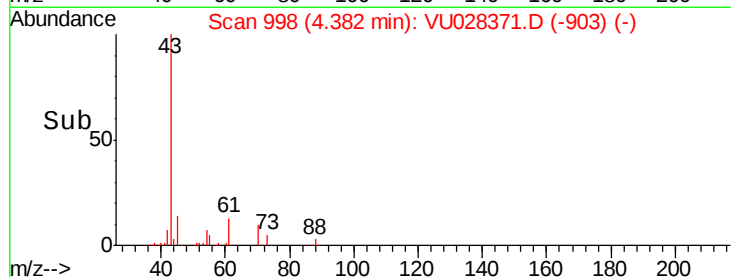
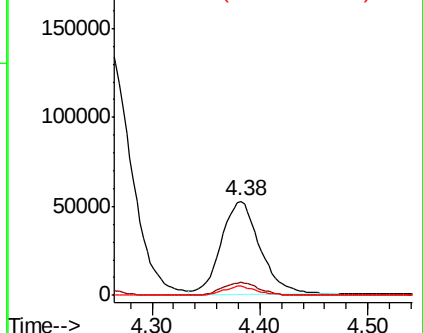
#37
Ethyl Acetate
Concen: 19.950 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.01 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

Tot Ion: 43 Resp: 130902
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 8.5 6.9 10.3

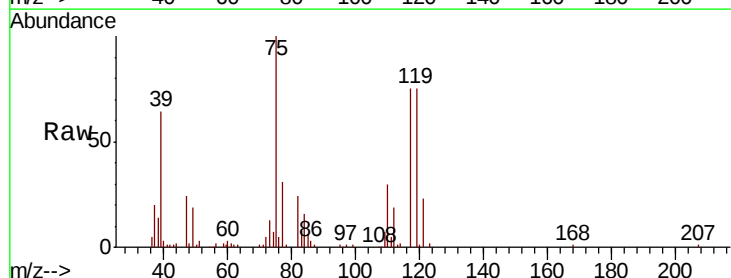


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

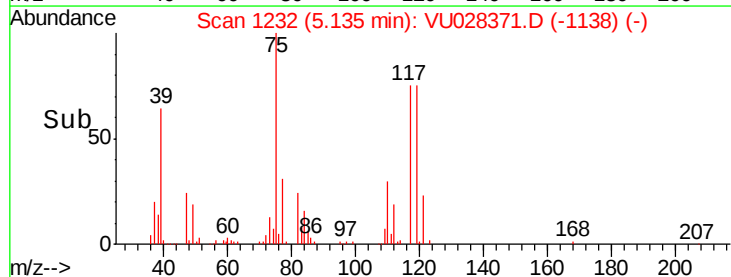
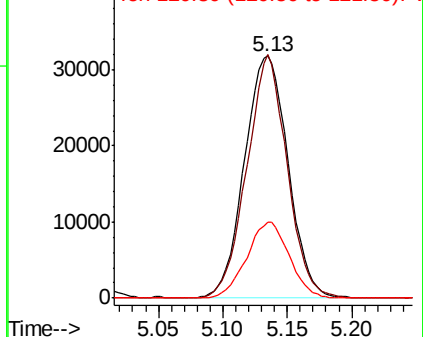


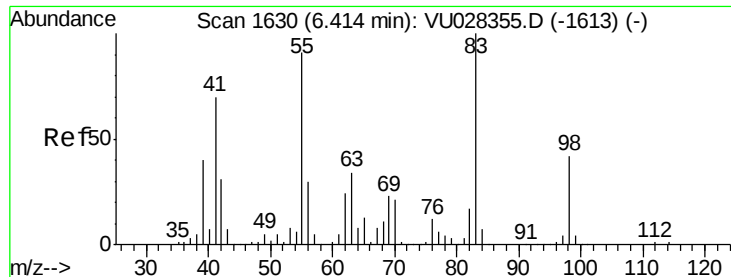
#38
Carbon Tetrachloride
Concen: 18.916 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 117 Resp: 74790
Ion Ratio Lower Upper
117 100
119 100.6 76.3 114.5
121 31.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

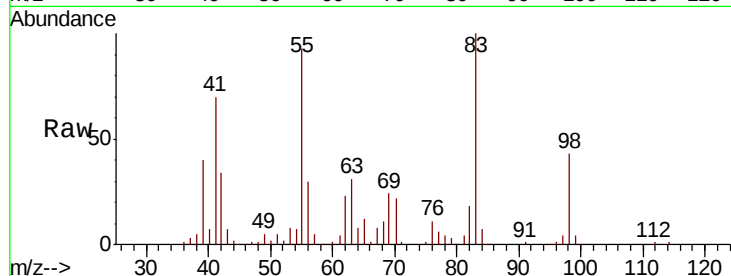




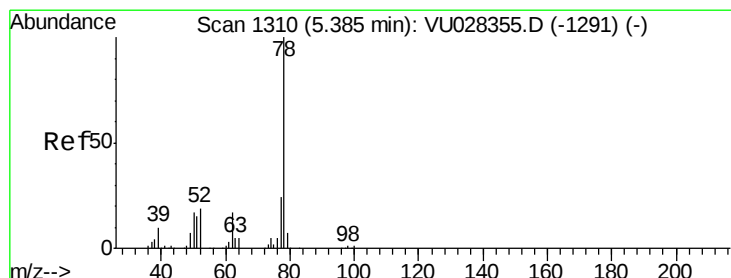
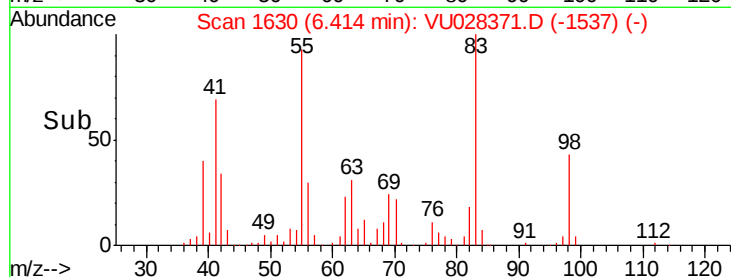
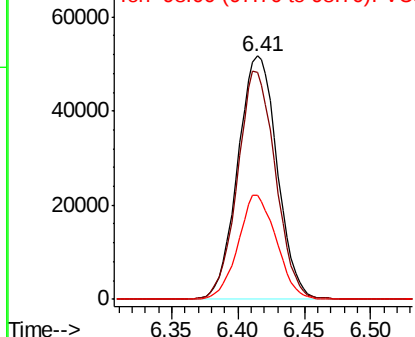
#39
Methvlcvclohexane
Concen: 18.795 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Instrument :
MSVOA_U
ClientSampled :
VU1128WBSD01

Tot Ion: 83 Resp: 106694
Ion Ratio Lower Upper
83 100
55 93.2 73.1 109.7
98 42.6 33.9 50.9

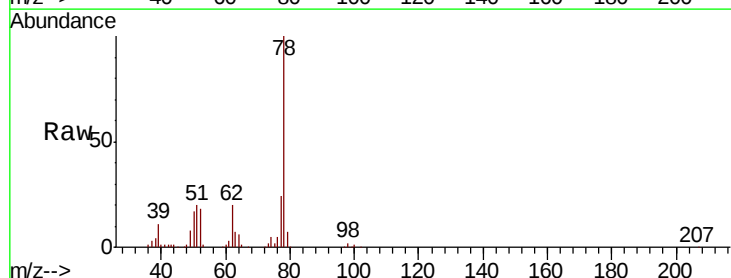


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

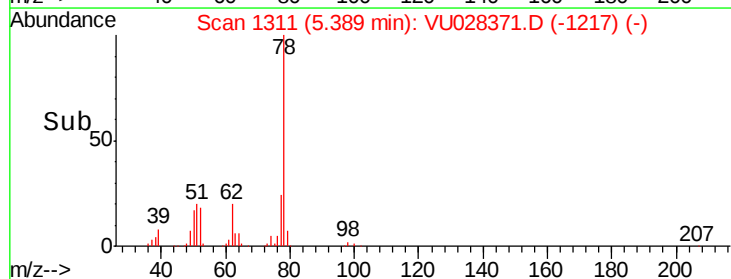
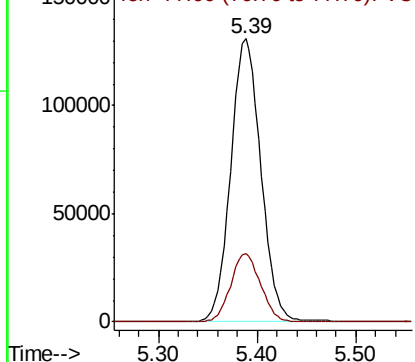


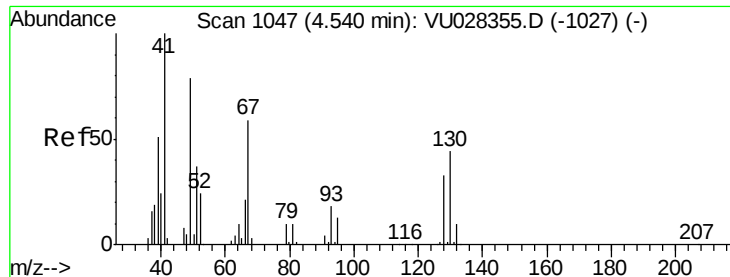
#40
Benzene
Concen: 19.582 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 78 Resp: 279241
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

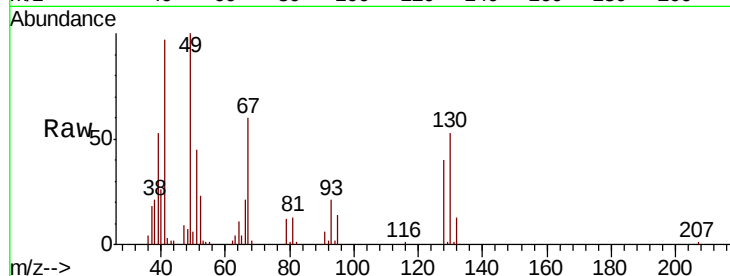




#41
Methacrylonitrile
Concen: 20.124 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.01 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

Tot Ion:	41	Resp:	73330
Ion	Ratio	Lower	Upper
41	100		
39	54.7	41.3	61.9
67	62.9	48.6	73.0
52	26.4	19.4	29.0



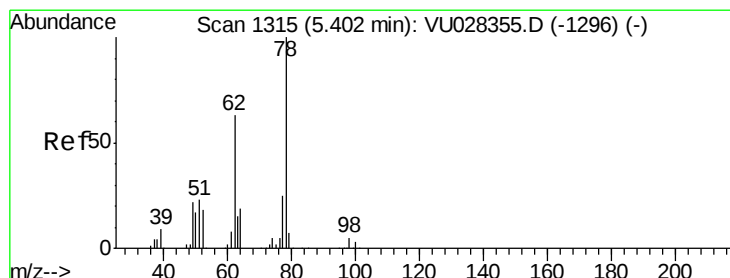
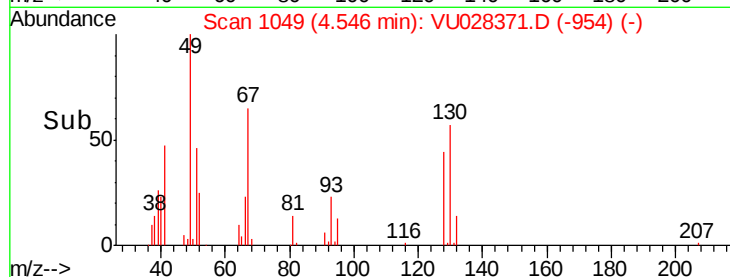
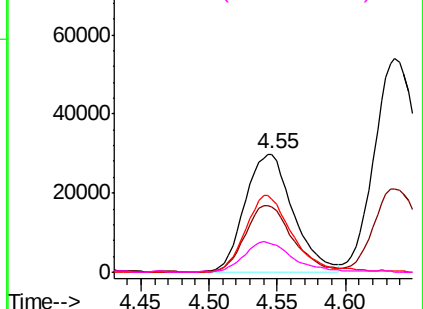
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

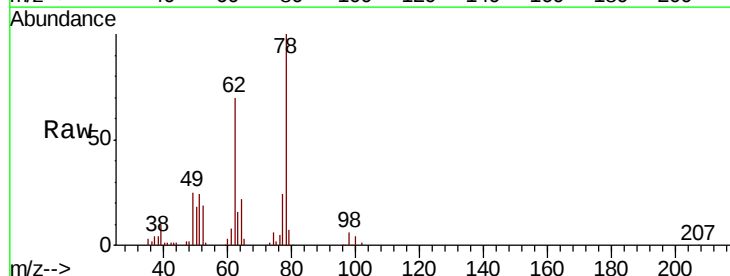
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 19.555 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

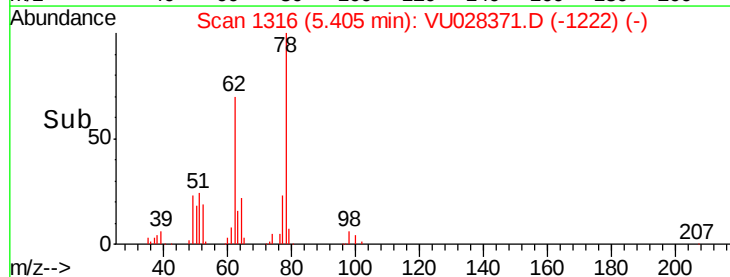
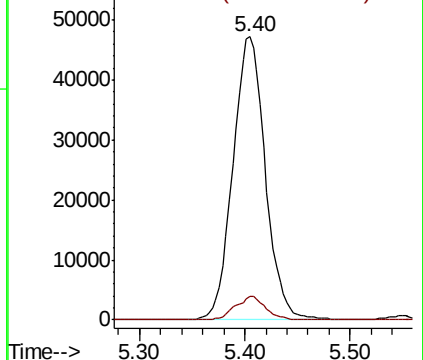
Tgt Ion:	62	Resp:	100458
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.4

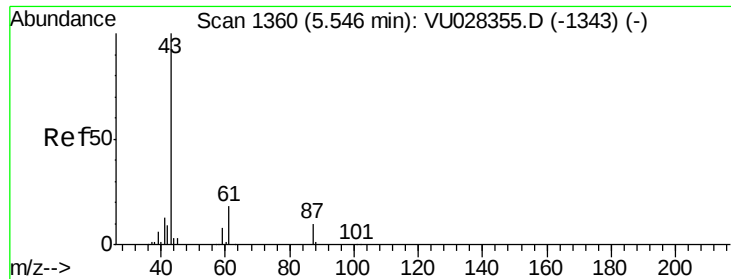


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

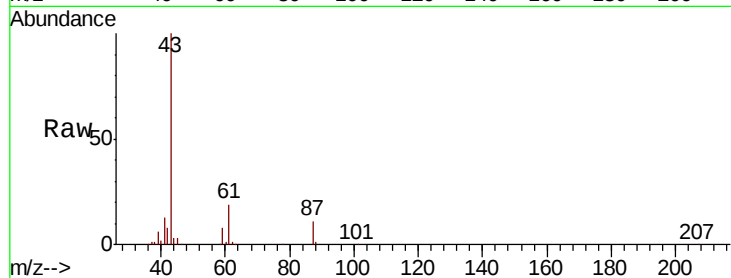




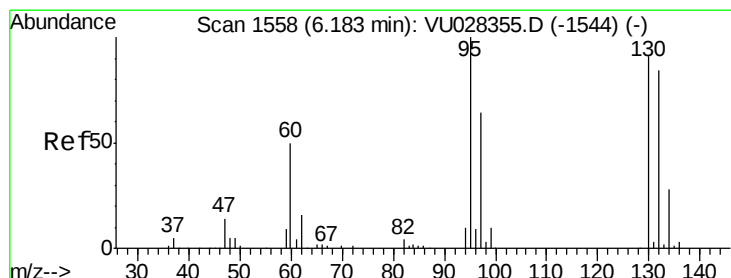
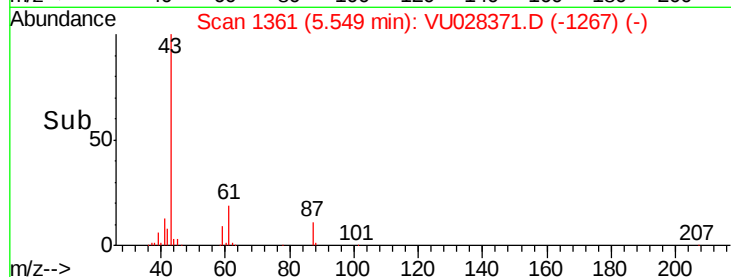
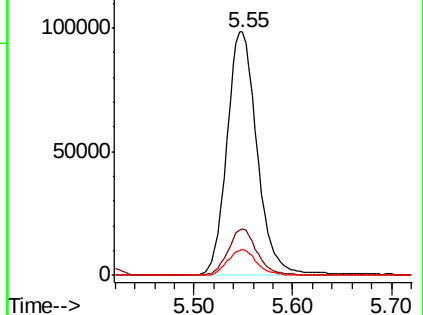
#43
Isopropyl Acetate
Concen: 20.194 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

Tot Ion: 43 Resp: 209966
Ion Ratio Lower Upper
43 100
61 18.2 14.5 21.7
87 10.2 8.4 12.6

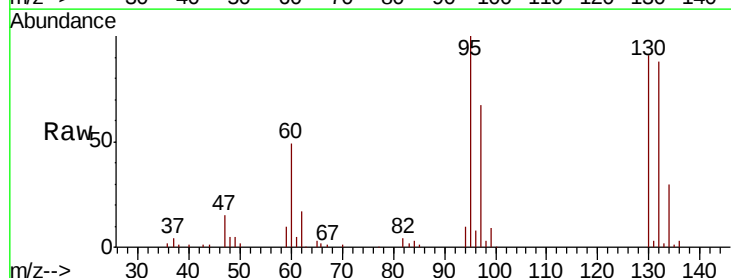


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

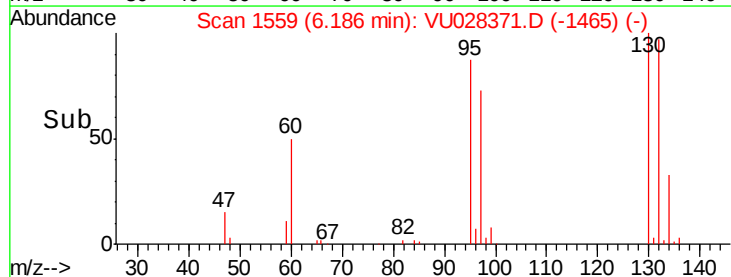
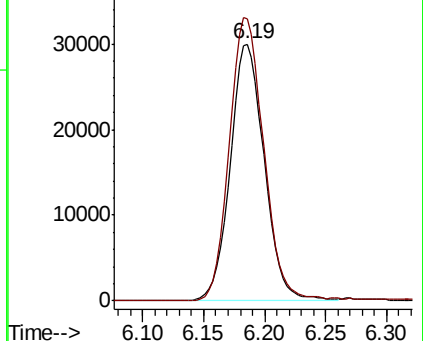


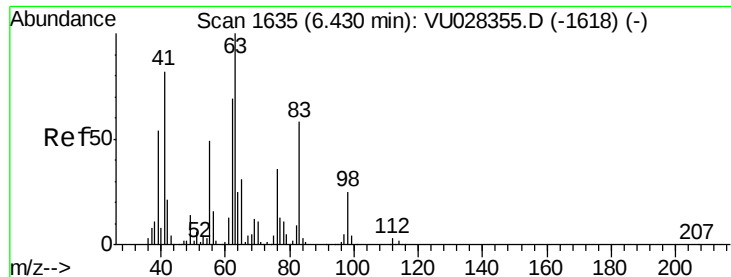
#44
Trichloroethene
Concen: 19.083 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion:130 Resp: 58331
Ion Ratio Lower Upper
130 100
95 109.7 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

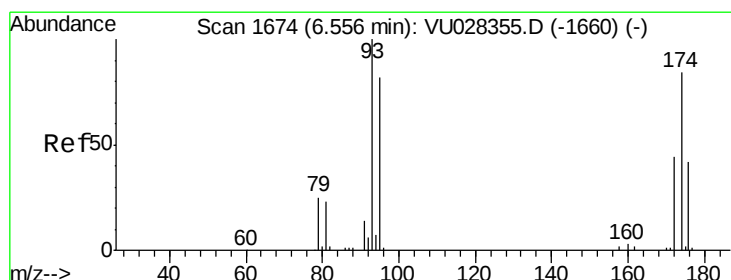
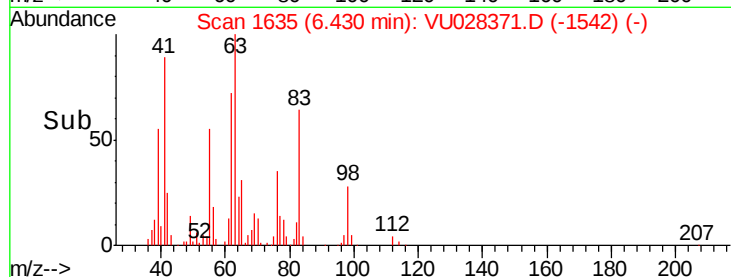
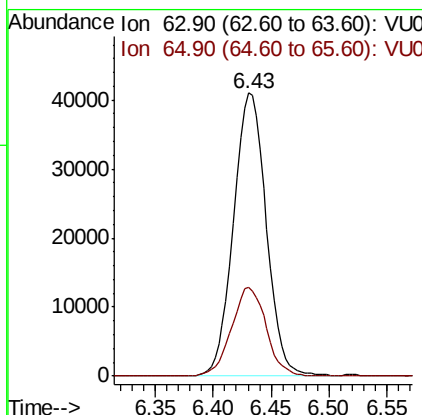
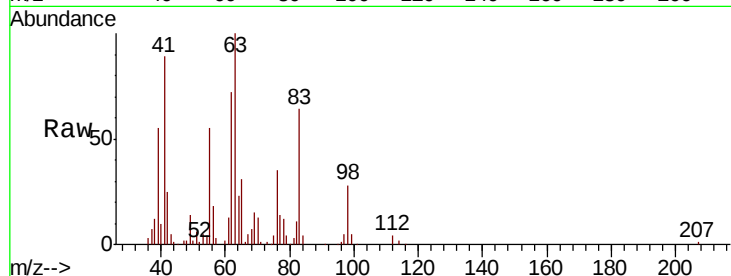




#45
 1,2-Dichloropropane
 Concen: 19.247 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

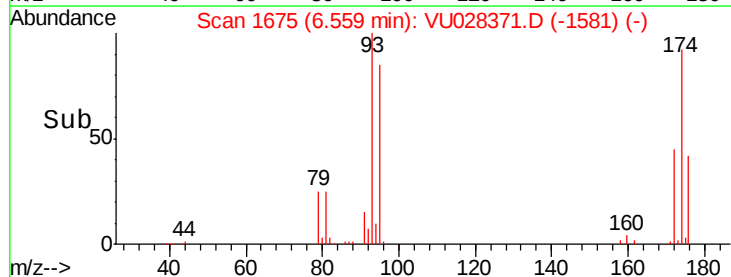
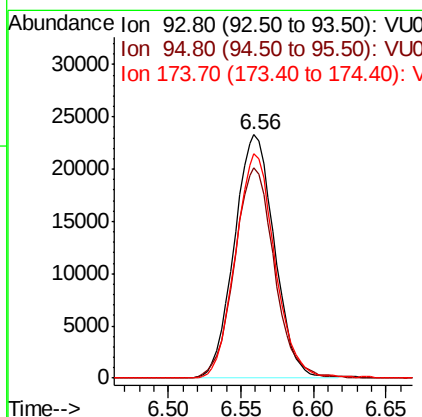
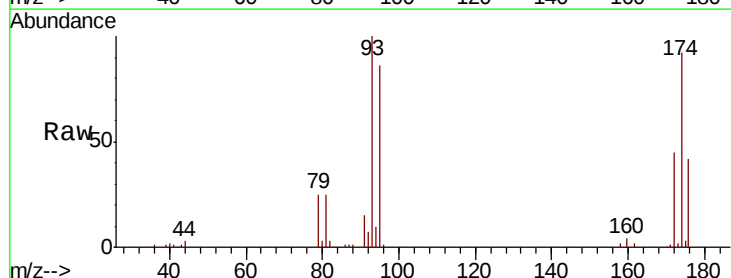
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

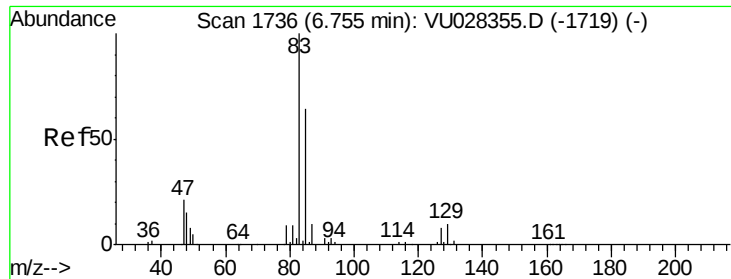
Tot Ion: 63 Resp: 80377
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 18.645 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion: 93 Resp: 44725
 Ion Ratio Lower Upper
 93 100
 95 85.6 65.1 97.7
 174 90.6 69.9 104.9





#47

Bromodichloromethane

Concen: 19.114 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

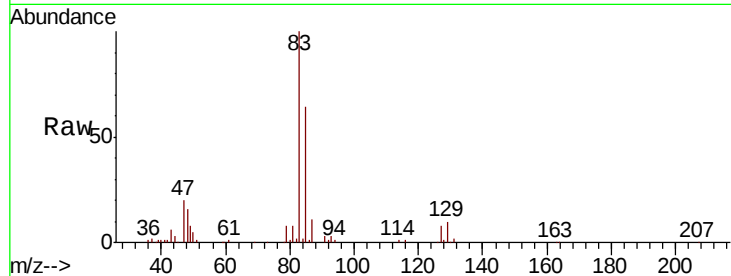
Tot Ion: 83 Resp: 91197

Ion Ratio Lower Upper

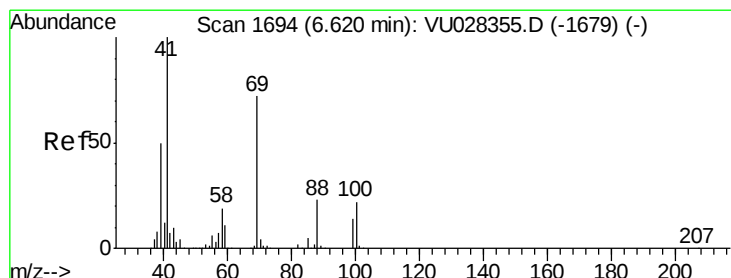
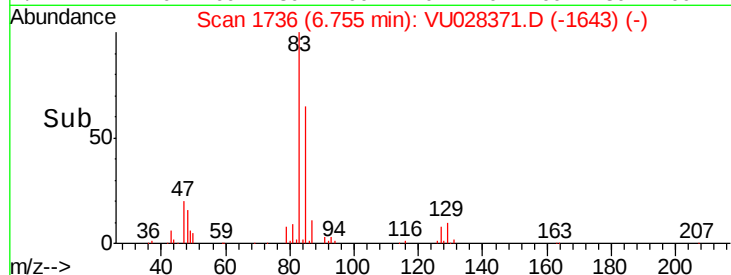
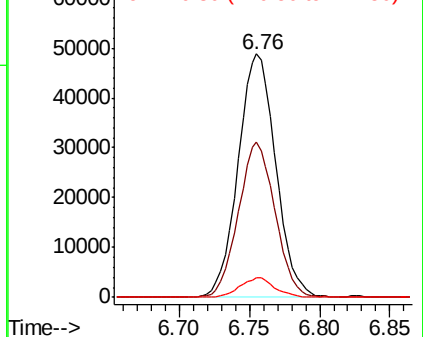
83 100

85 63.7 50.9 76.3

127 7.9 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.419 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

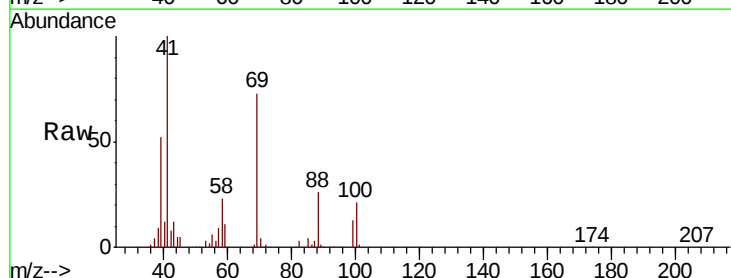
Tgt Ion: 41 Resp: 105175

Ion Ratio Lower Upper

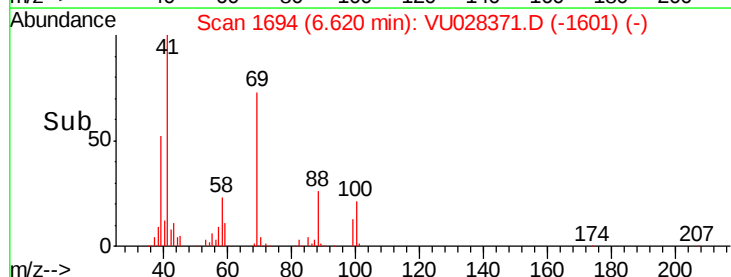
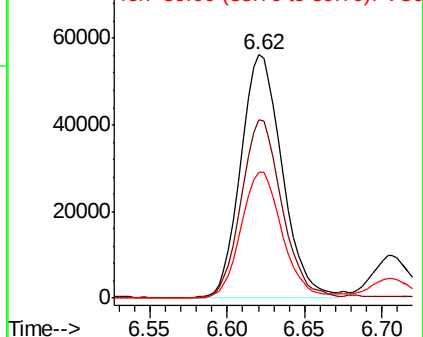
41 100

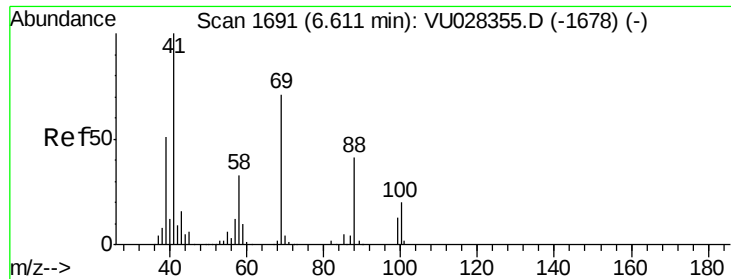
69 71.8 59.0 88.4

39 51.0 40.5 60.7



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

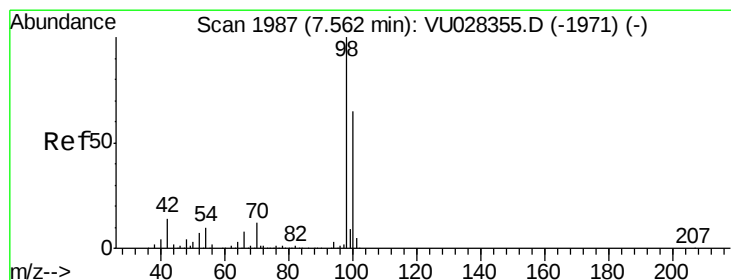
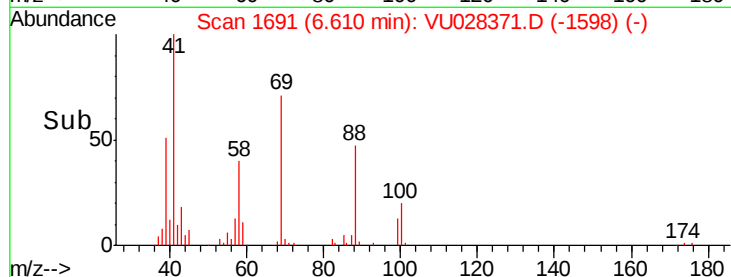
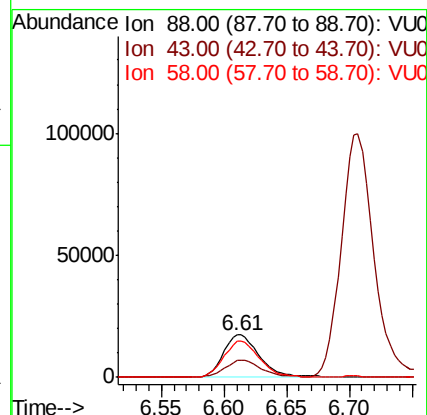
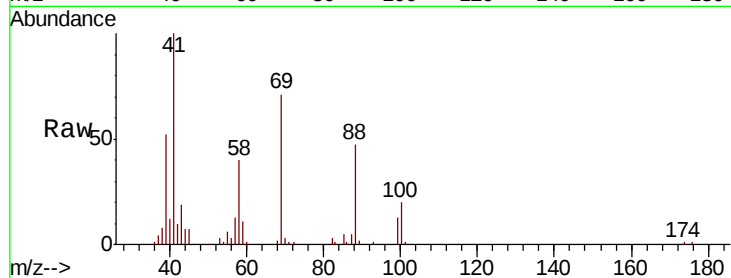




#49
1,4-Dioxane
Concen: 402.824 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

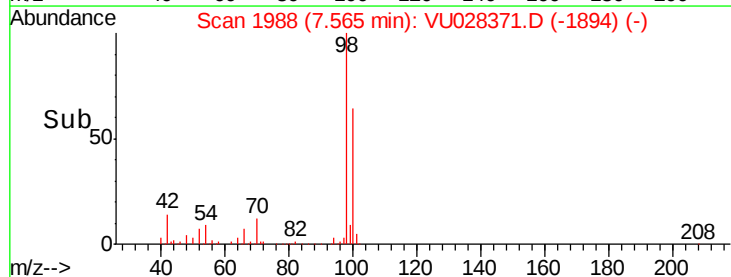
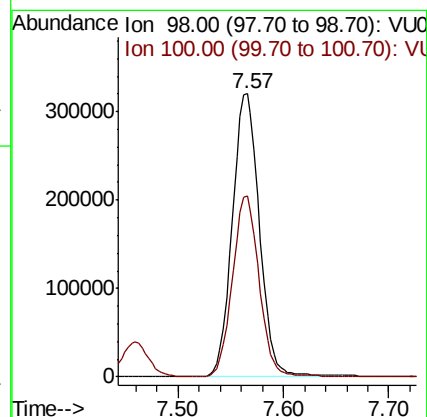
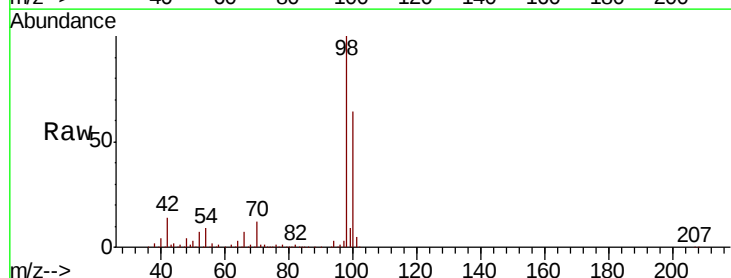
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

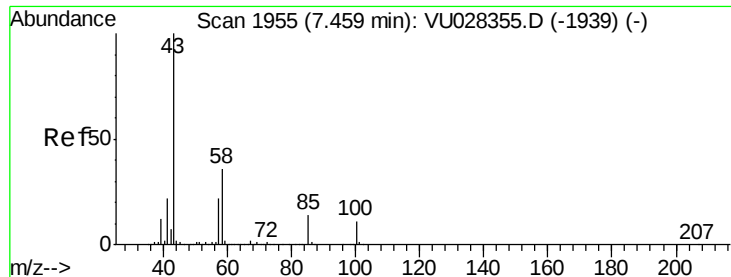
Tot Ion: 88 Resp: 34854
Ion Ratio Lower Upper
88 100
43 40.5 32.6 48.8
58 84.6 68.7 103.1



#50
Toluene-d8
Concen: 48.653 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 98 Resp: 569292
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2

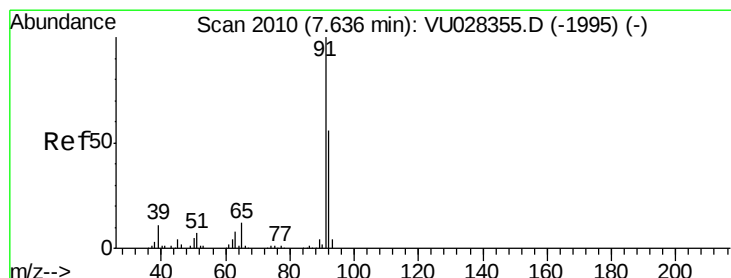
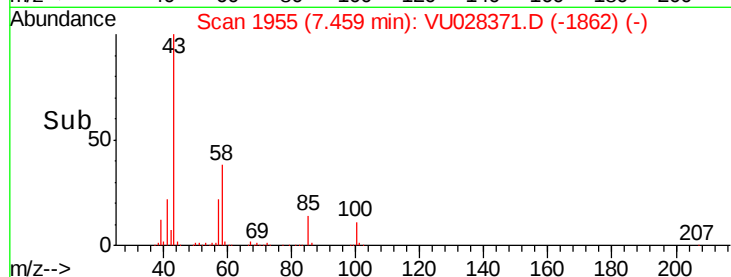
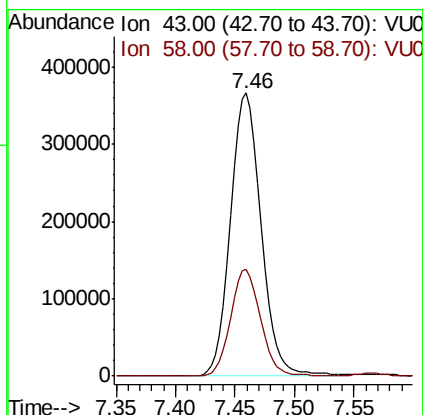
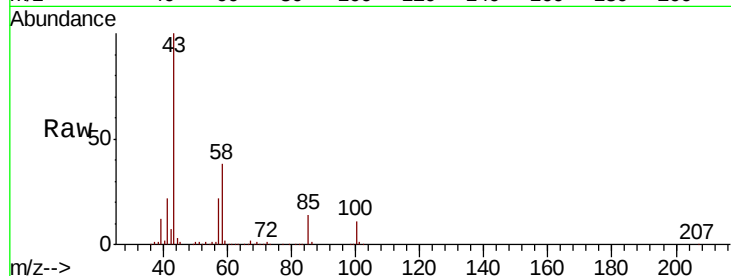




#51
 4-Methyl-2-Pentanone
 Concen: 98.739 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

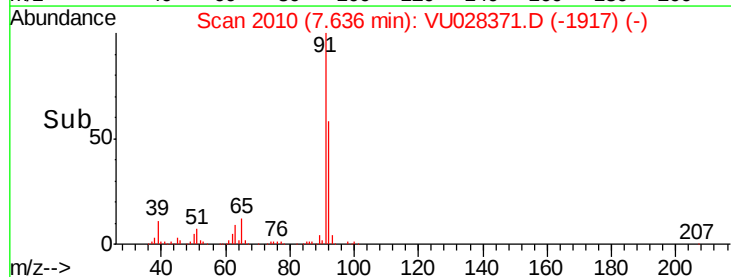
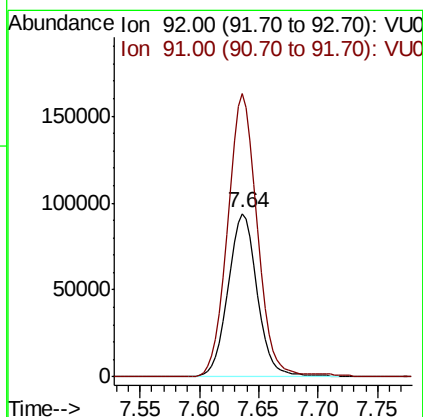
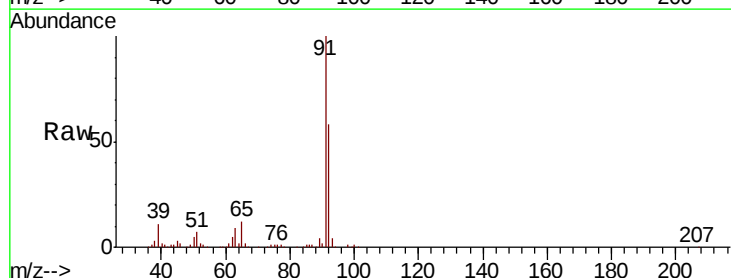
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

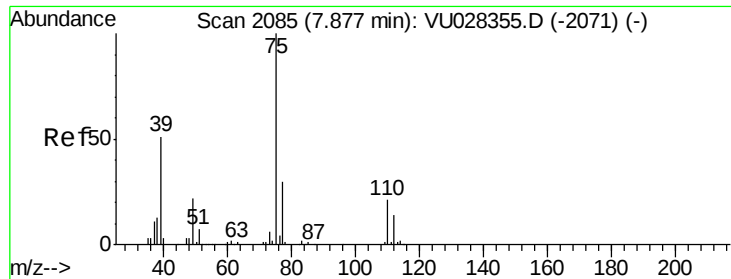
Tot Ion: 43 Resp: 655708
 Ion Ratio Lower Upper
 43 100
 58 37.0 28.8 43.2



#52
 Toluene
 Concen: 19.518 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion: 92 Resp: 160279
 Ion Ratio Lower Upper
 92 100
 91 173.6 141.8 212.6





#53

t-1,3-Dichloropropene

Concen: 18.511 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

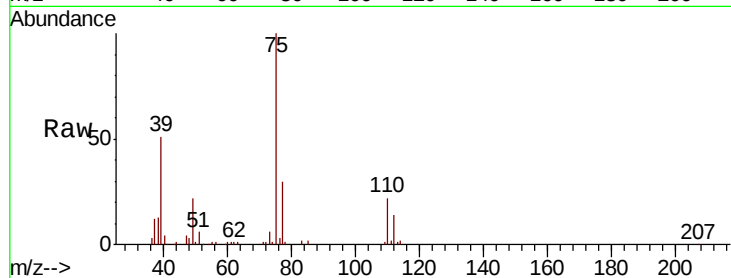
VU1128WBSD01

Tot Ion: 75 Resp: 105607

Ion Ratio Lower Upper

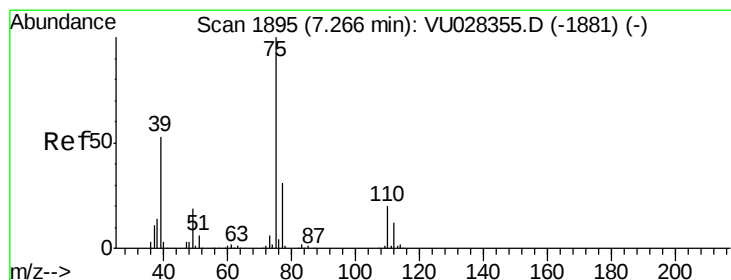
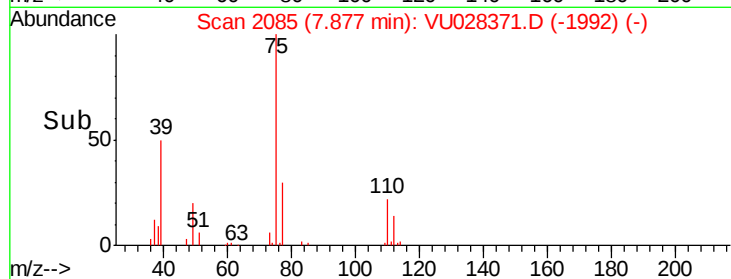
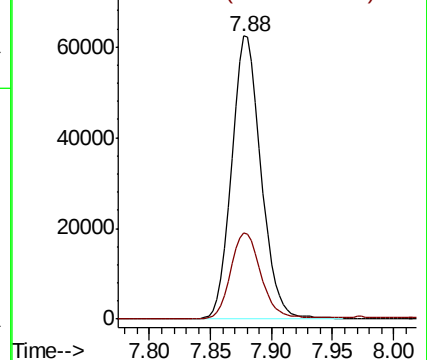
75 100

77 30.4 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 18.992 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

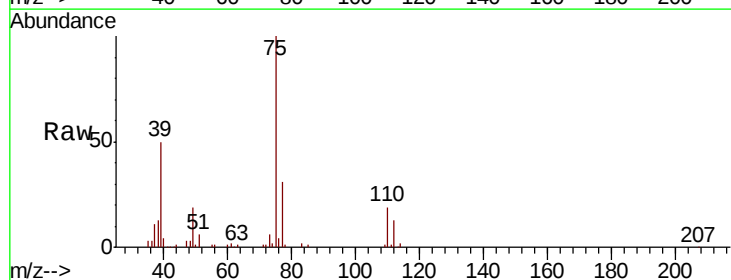
Tgt Ion: 75 Resp: 116081

Ion Ratio Lower Upper

75 100

77 30.6 24.9 37.3

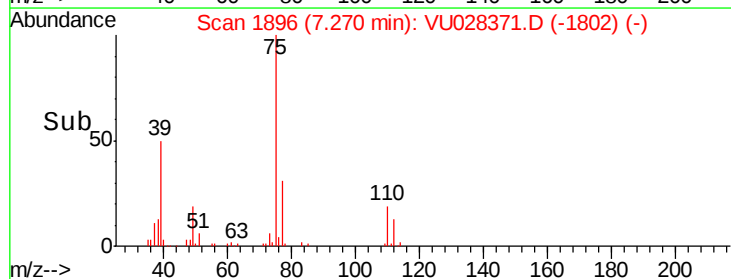
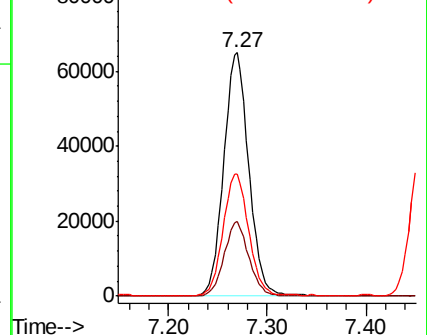
39 49.8 42.6 64.0

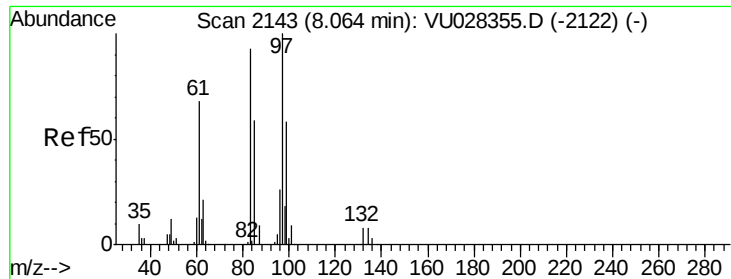


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





#55

1,1,2-Trichloroethane

Concen: 19.197 ug/l

RT: 8.06 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

Tot Ion: 97 Resp: 65609

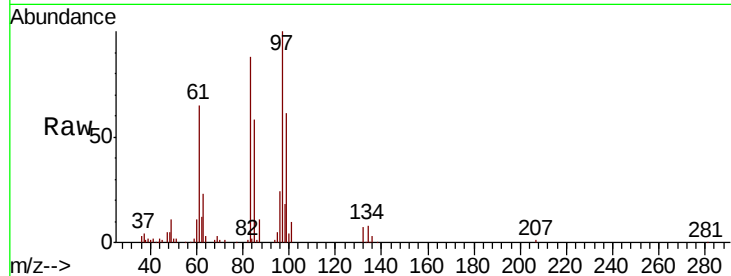
Ion Ratio Lower Upper

97 100

83 88.6 74.3 111.5

85 58.3 47.2 70.8

99 60.7 48.9 73.3



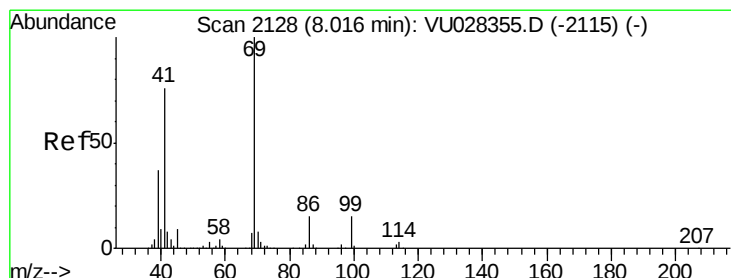
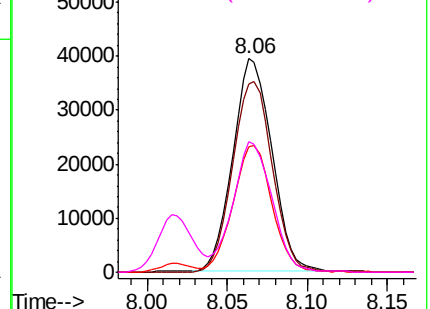
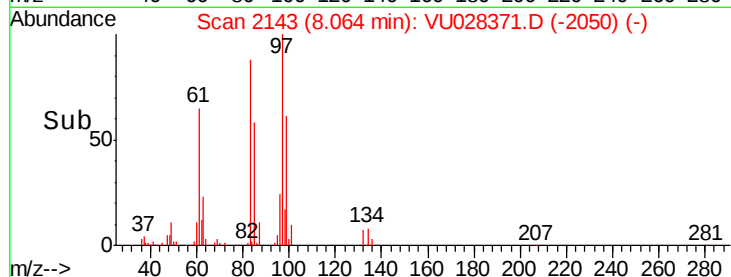
Abundance

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: 19.186 ug/l

RT: 8.02 min Scan# 2128

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

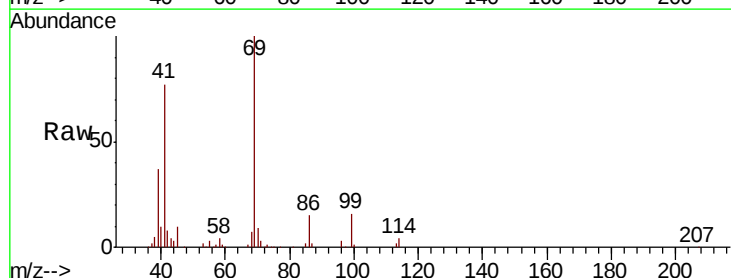
Tgt Ion: 69 Resp: 111550

Ion Ratio Lower Upper

69 100

41 78.2 60.0 90.0

39 36.7 29.0 43.6

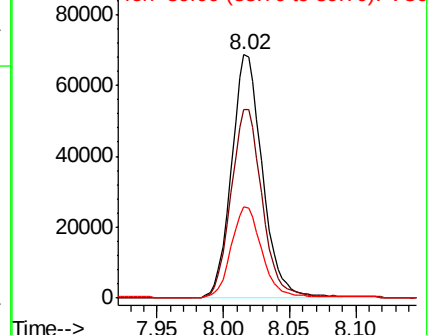
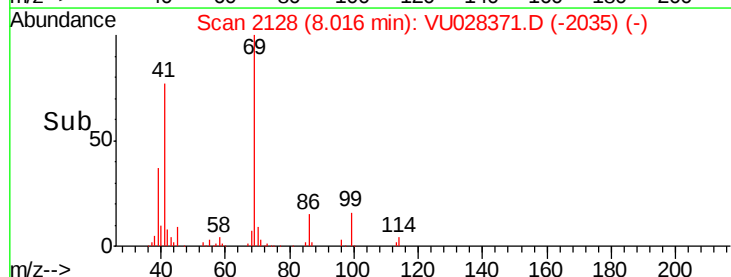


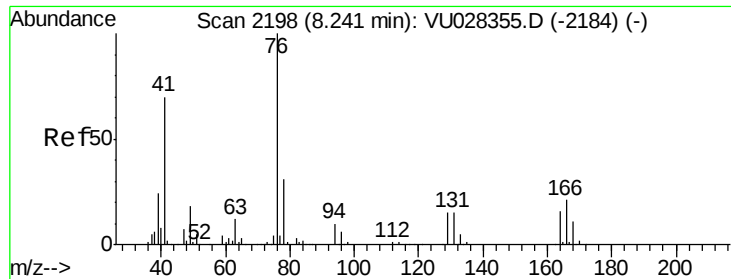
Abundance

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: 19.163 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

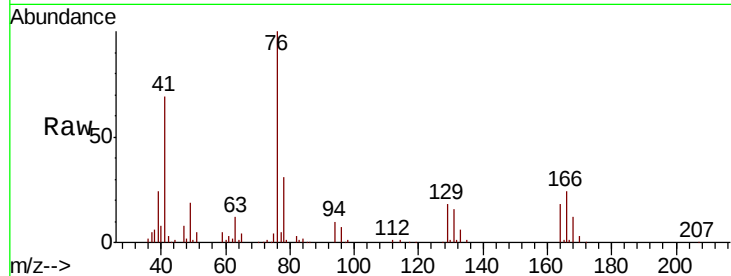
VU1128WBSD01

Tot Ion: 76 Resp: 120101

Ion Ratio Lower Upper

76 100

78 31.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.24

80000

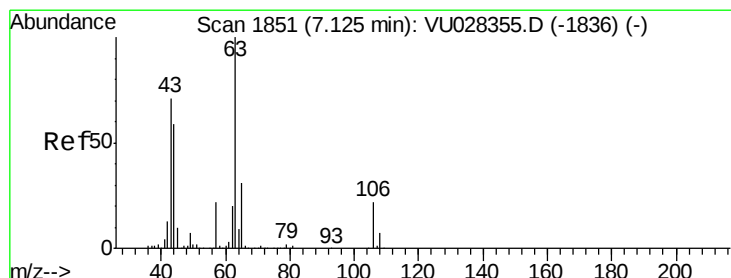
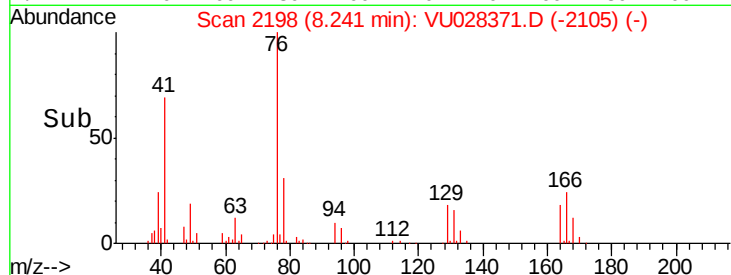
60000

40000

20000

0

Time--> 8.15 8.20 8.25 8.30



#58

2-Chloroethyl Vinyl ether

Concen: 95.617 ug/l

RT: 7.12 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VU028371.D

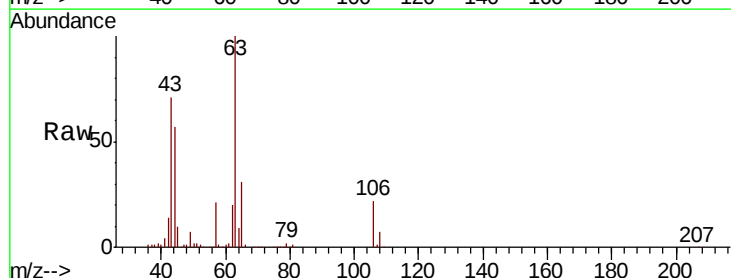
Acq: 28 Nov 2018 17:20

Tgt Ion: 63 Resp: 298469

Ion Ratio Lower Upper

63 100

106 21.5 17.3 25.9



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

200000

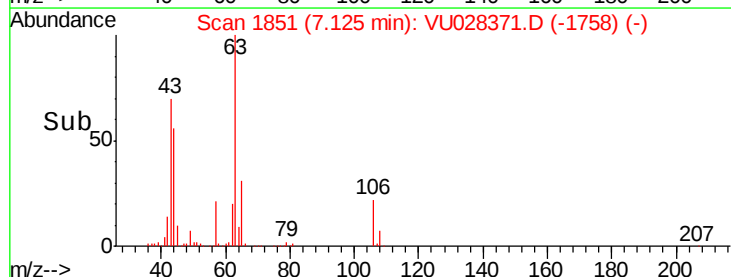
150000

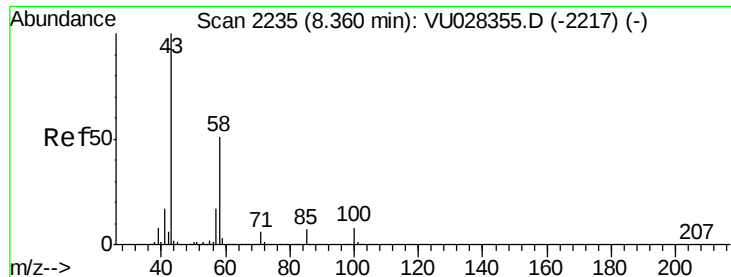
100000

50000

0

Time--> 7.00 7.10 7.20

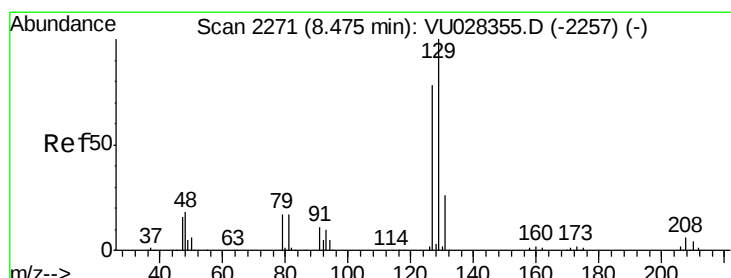
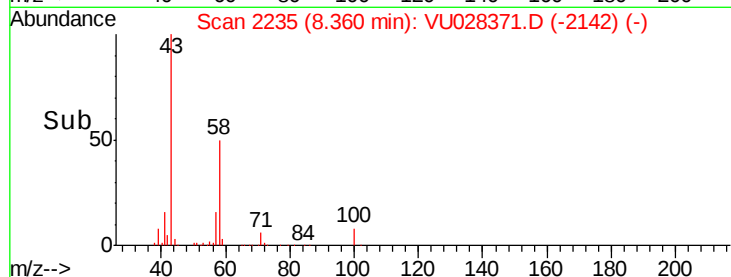
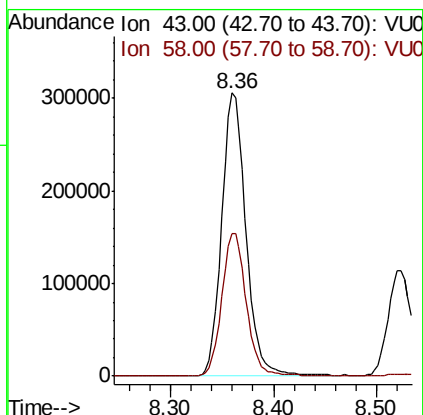
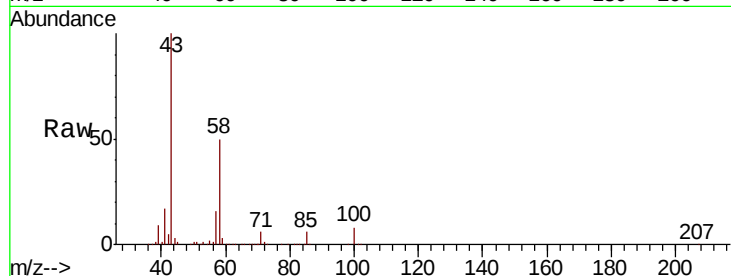




#59
2-Hexanone
Concen: 97.145 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

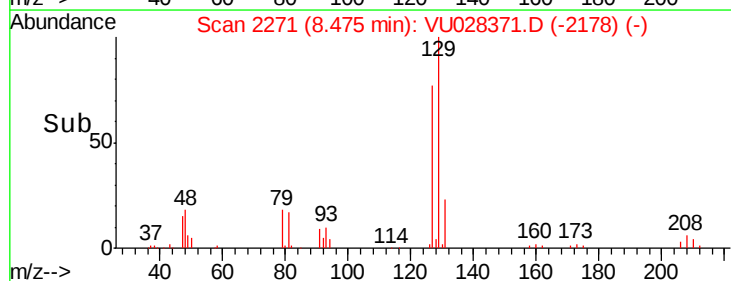
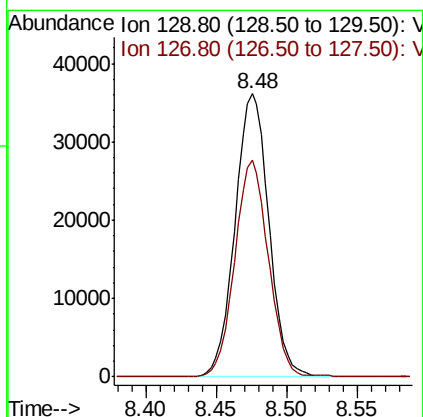
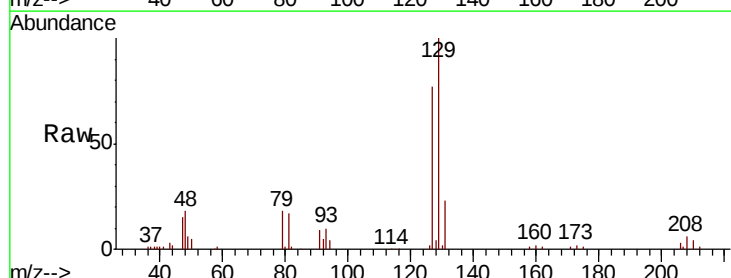
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

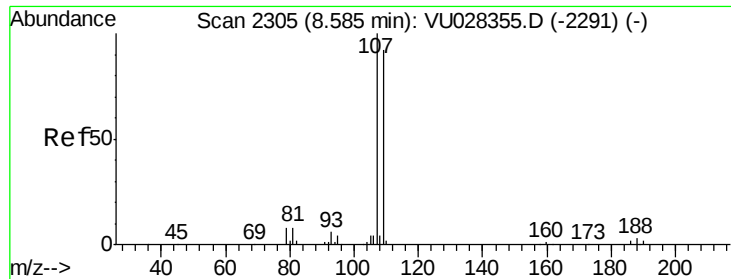
Tot Ion: 43 Resp: 499715
Ion Ratio Lower Upper
43 100
58 51.0 25.5 76.5



#60
Dibromochloromethane
Concen: 18.700 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 129 Resp: 60782
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7

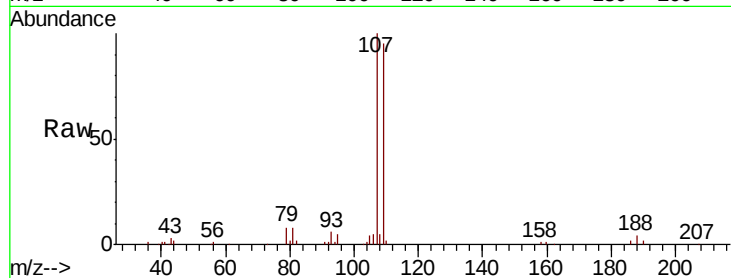




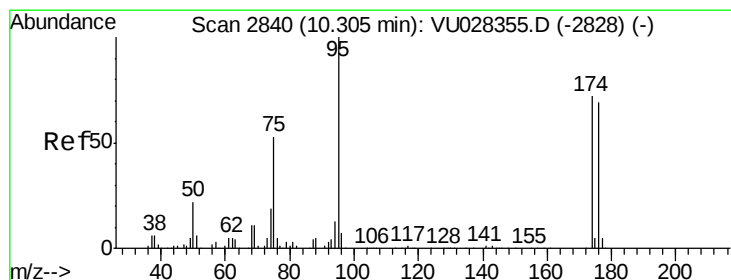
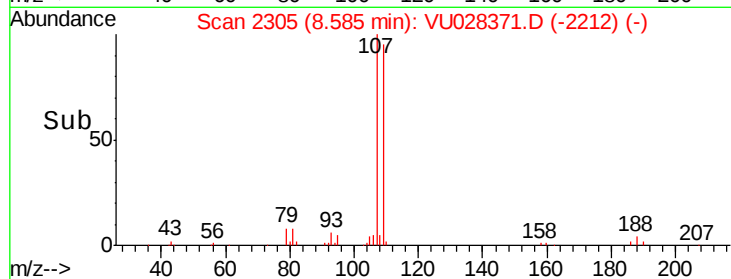
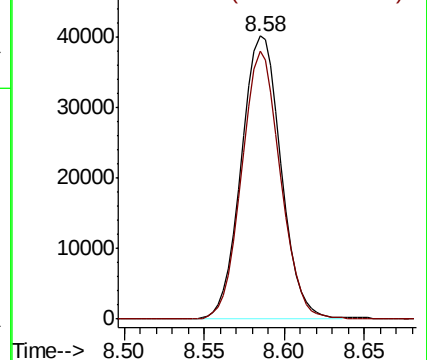
#61
 1,2-Dibromoethane
 Concen: 19.410 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

Tot Ion:107 Resp: 67940
 Ion Ratio Lower Upper
 107 100
 109 92.1 73.2 109.8

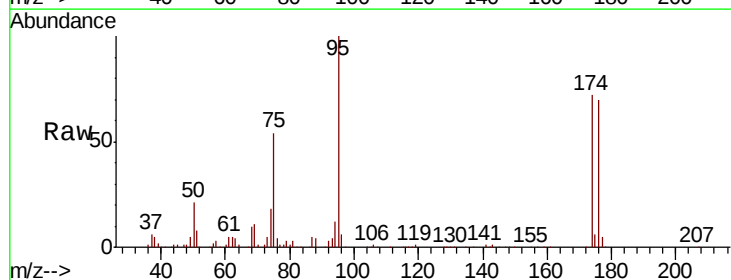


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

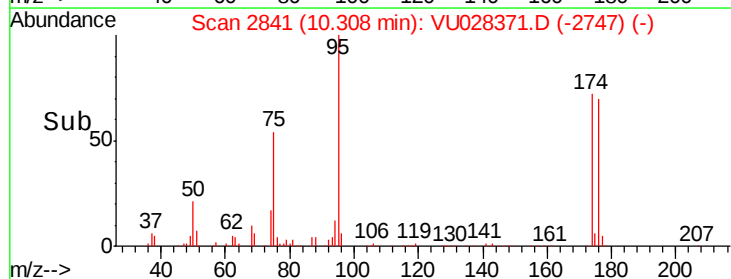
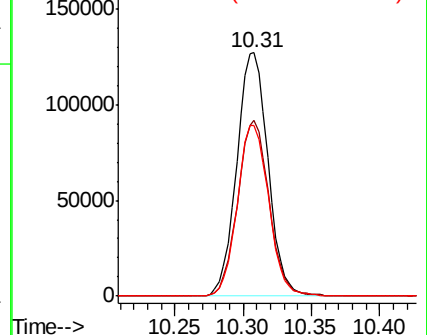


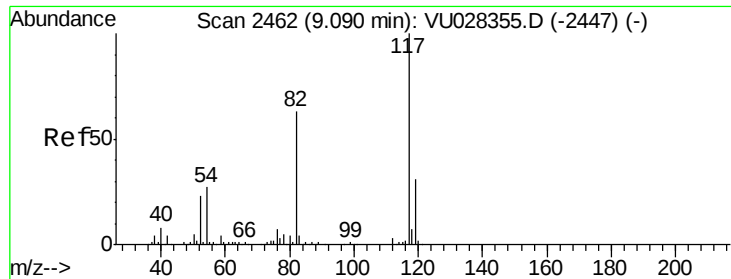
#62
 4-Bromofluorobenzene
 Concen: 48.041 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion: 95 Resp: 202609
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 145.4
 176 70.8 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

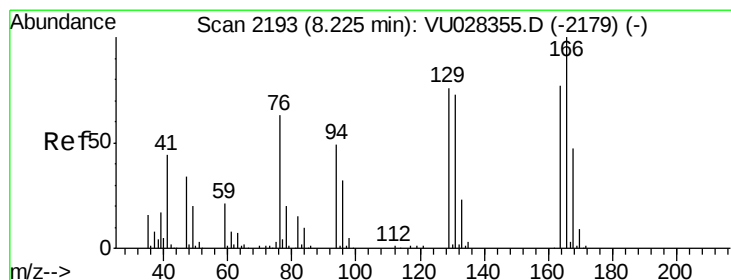
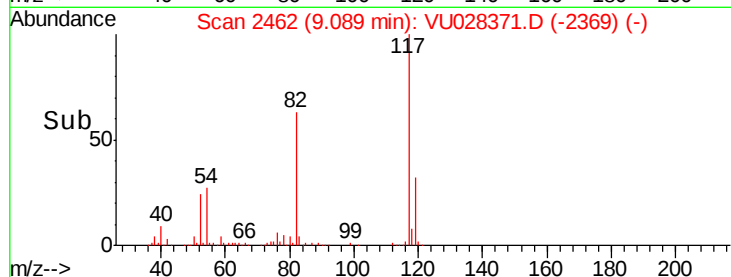
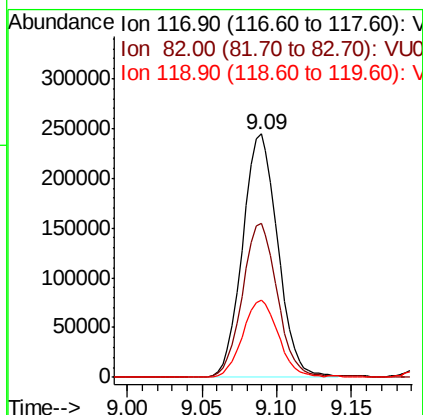
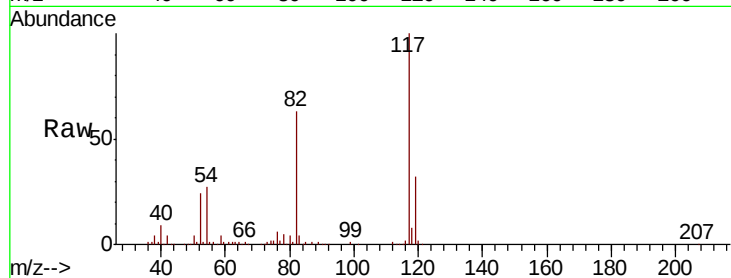




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

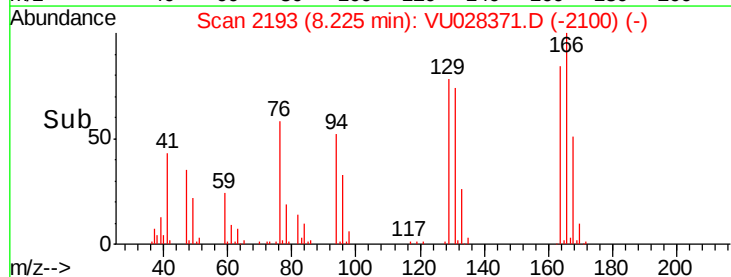
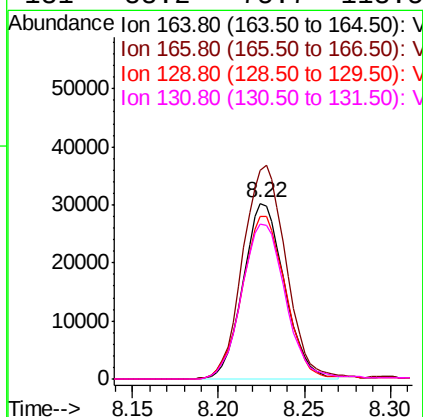
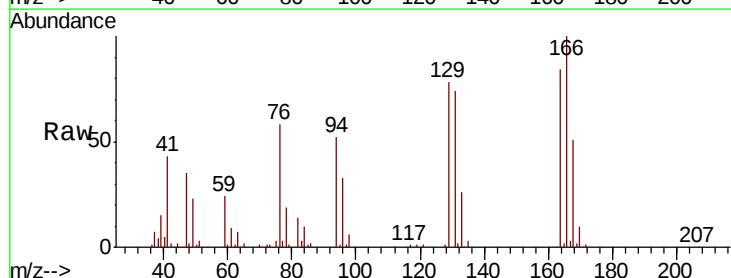
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

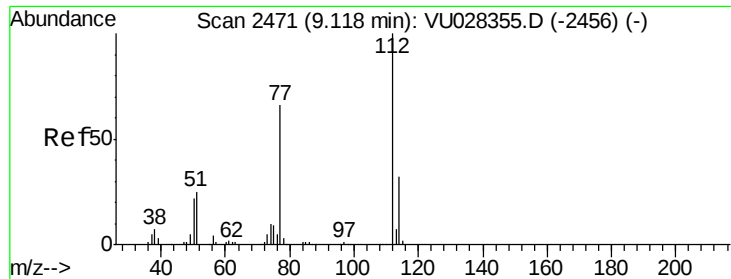
Tot Ion:117 Resp: 401253
Ion Ratio Lower Upper
117 100
82 63.1 50.3 75.5
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 19.171 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion:164 Resp: 50600
Ion Ratio Lower Upper
164 100
166 118.4 104.0 156.0
129 92.6 79.2 118.8
131 88.2 75.7 113.5

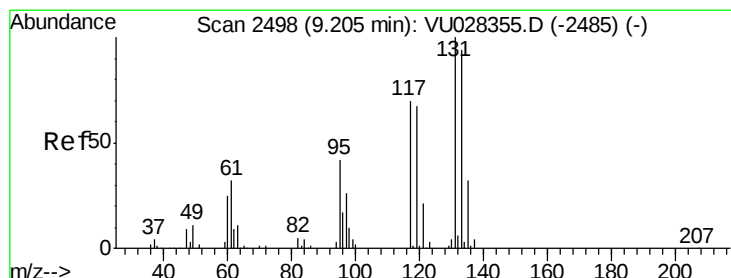
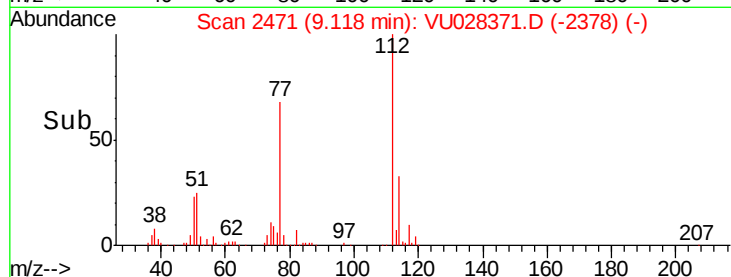
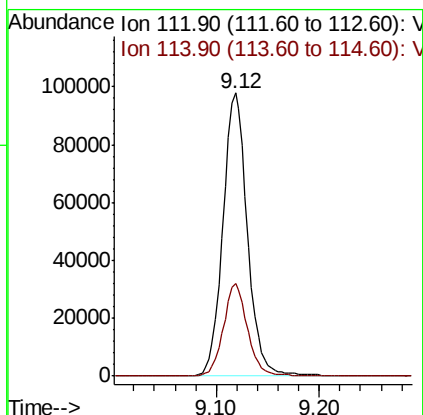
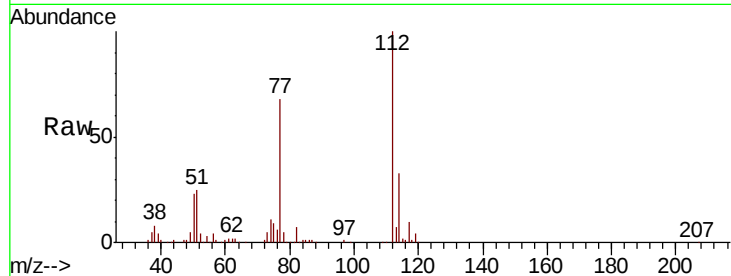




#65
Chlorobenzene
Concen: 19.413 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

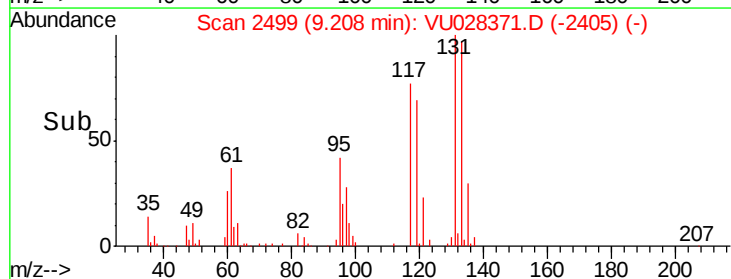
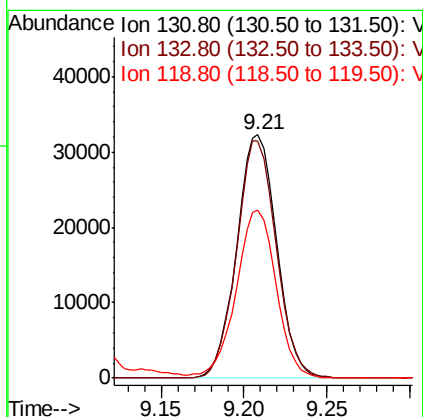
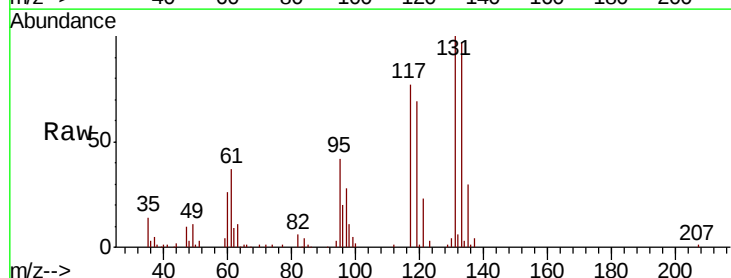
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

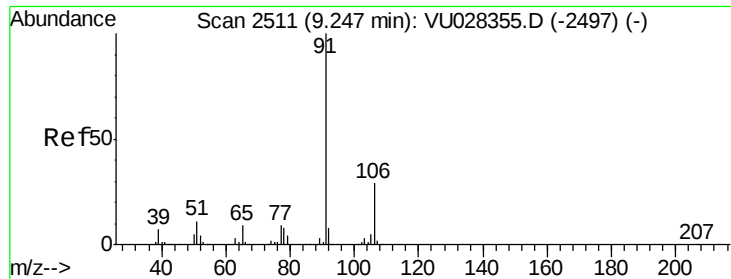
Tot Ion:112 Resp: 161747
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.924 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion:131 Resp: 54044
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.8
119 69.4 34.1 102.2

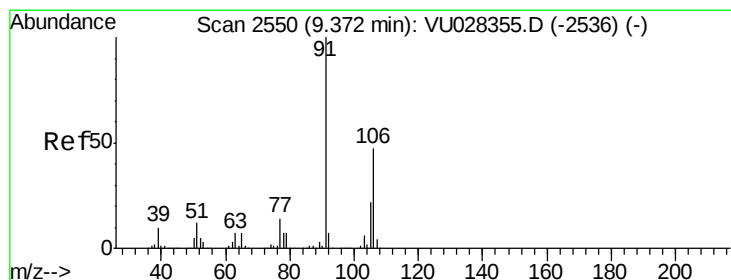
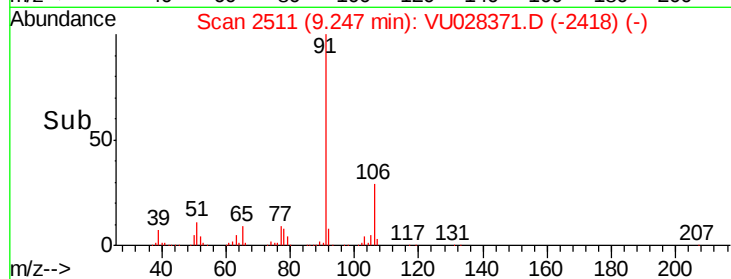
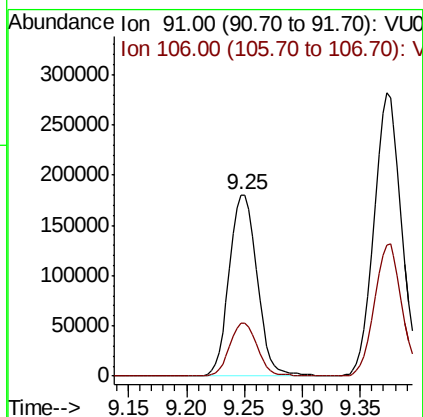
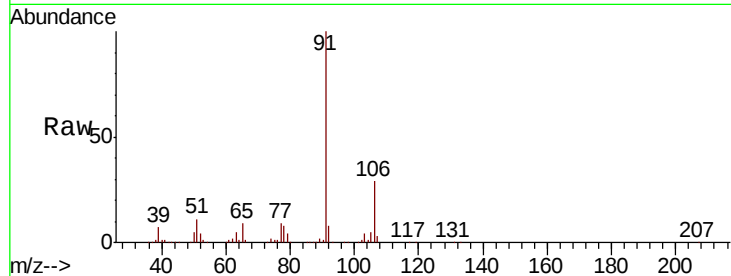




#67
Ethyl Benzene
Concen: 19.308 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

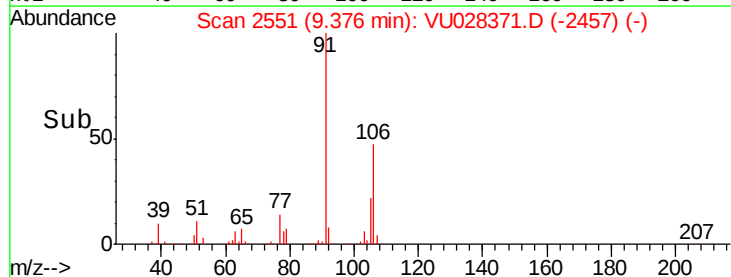
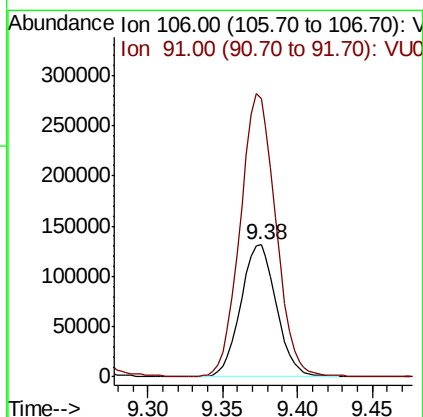
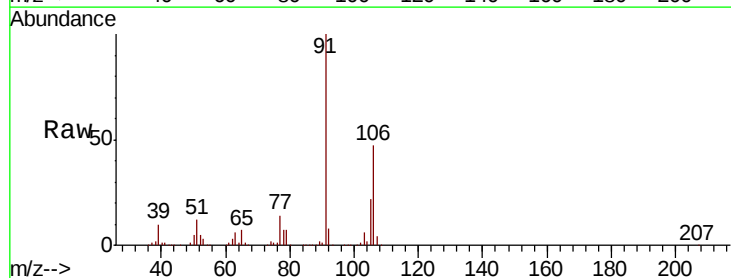
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

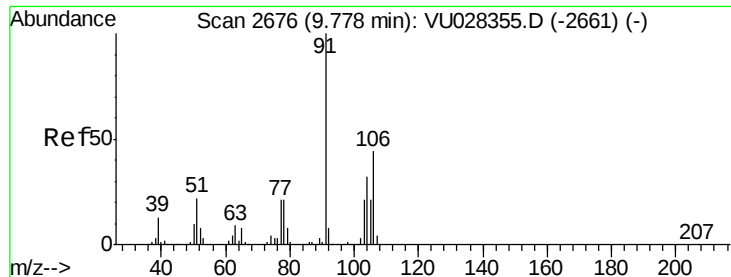
Tot Ion: 91 Resp: 302979
Ion Ratio Lower Upper
91 100
106 28.9 23.3 34.9



#68
m/p-Xylenes
Concen: 38.477 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 106 Resp: 217323
Ion Ratio Lower Upper
106 100
91 213.4 171.0 256.6

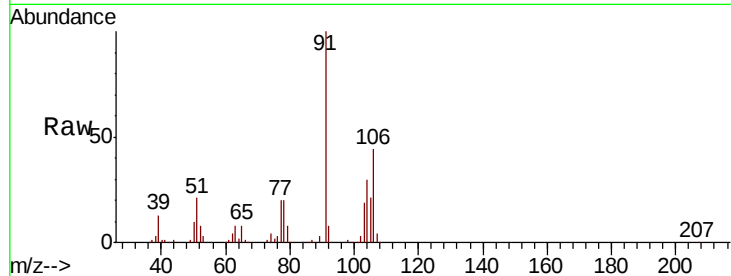




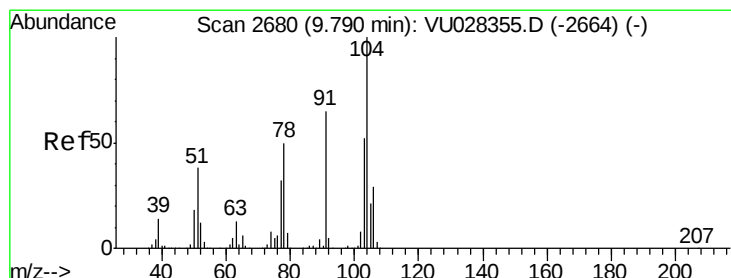
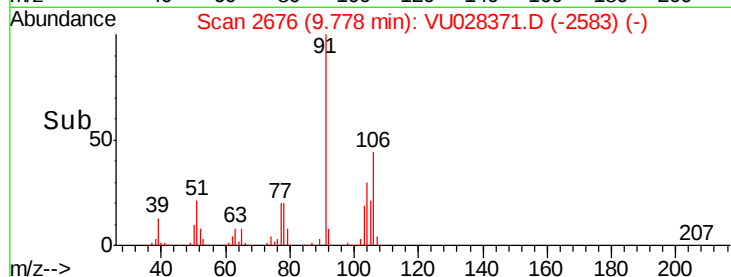
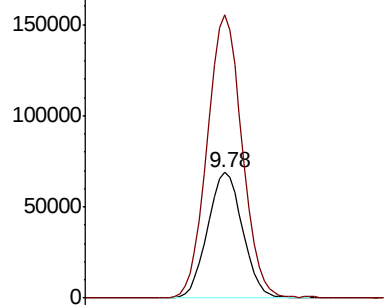
#69
o-Xylene
Concen: 19.355 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

Tot Ion:106 Resp: 108676
Ion Ratio Lower Upper
106 100
91 223.3 112.7 338.0

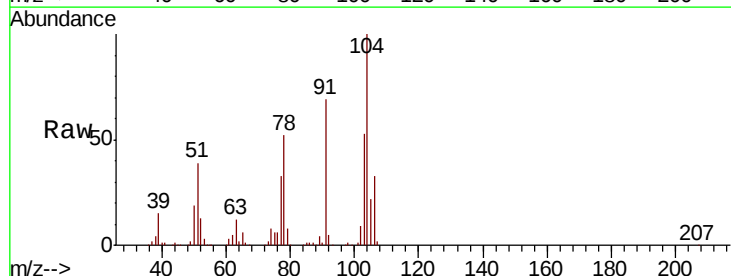


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

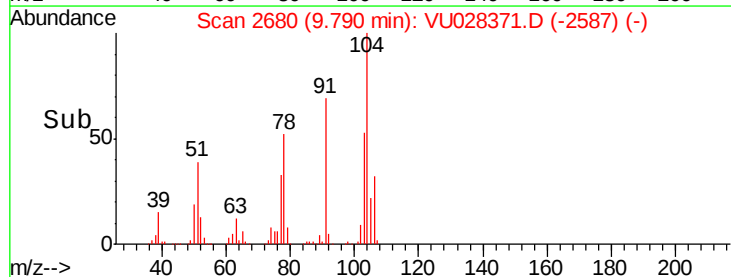
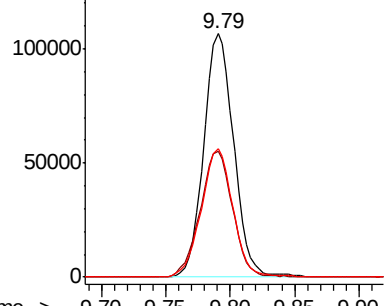


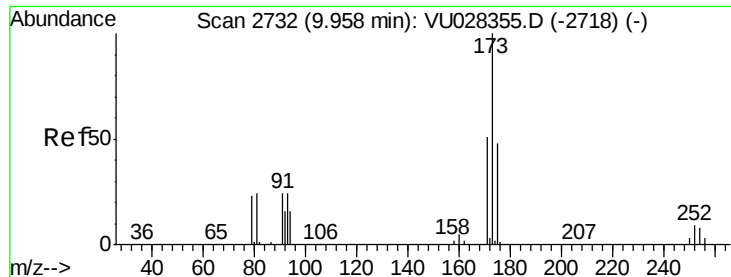
#70
Styrene
Concen: 19.042 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion:104 Resp: 172435
Ion Ratio Lower Upper
104 100
78 56.2 43.3 64.9
103 55.9 44.8 67.2



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





#71

Bromoform

Concen: 18.262 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

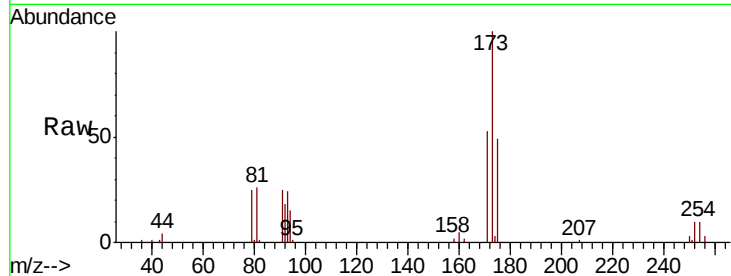
Tot Ion:173 Resp: 43837

Ion Ratio Lower Upper

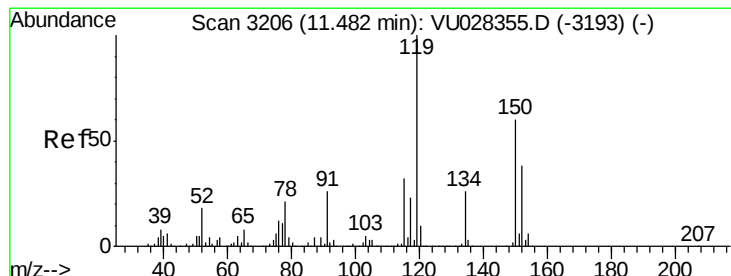
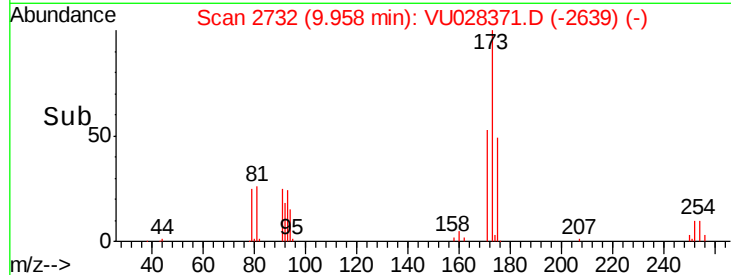
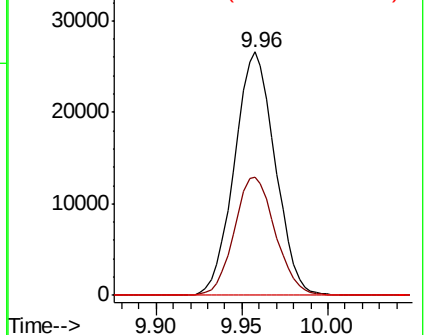
173 100

175 48.8 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: VU028371.D

Acq: 28 Nov 2018 17:20

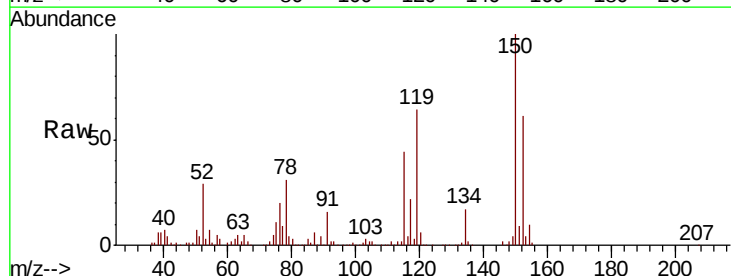
Tgt Ion:152 Resp: 180076

Ion Ratio Lower Upper

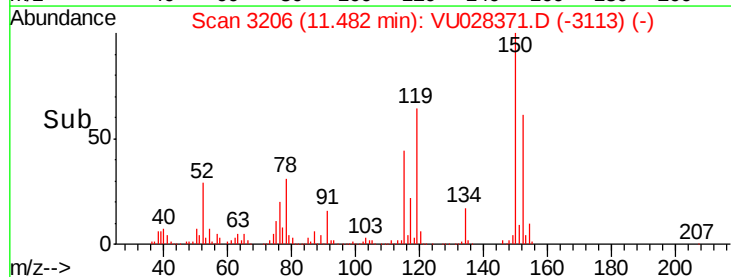
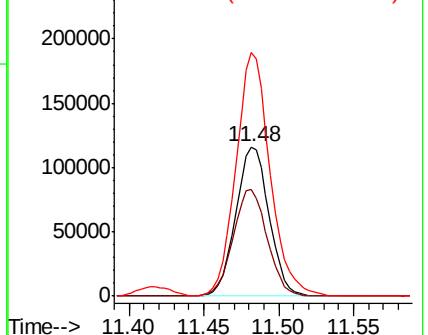
152 100

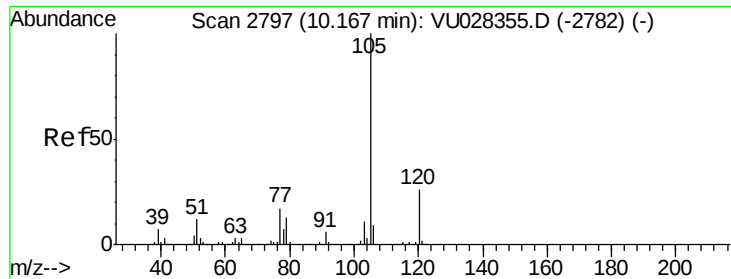
115 73.1 45.0 134.8

150 166.4 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: 20.600 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

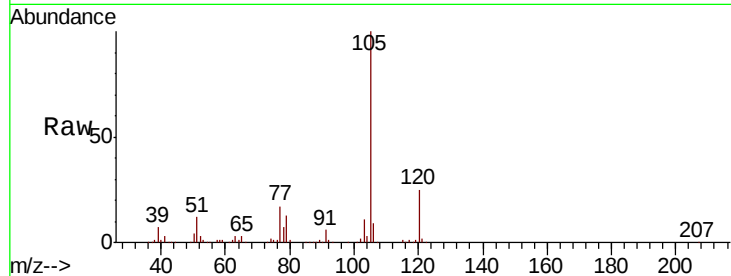
VU1128WBSD01

Tot Ion:105 Resp: 288511

Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

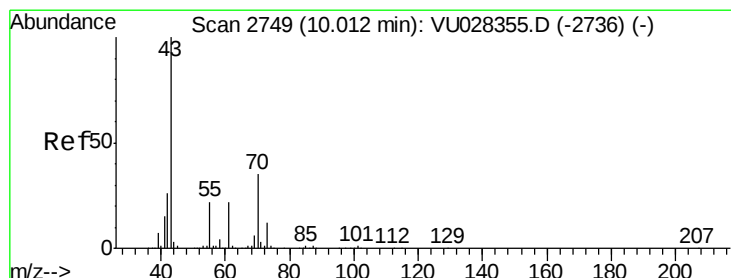
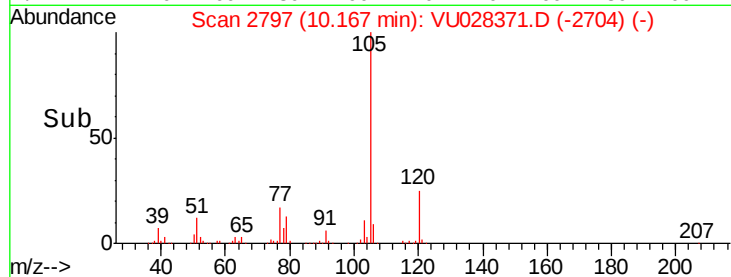
0

10.10

10.17

10.20

Time-->



#74

N-ethyl acetate

Concen: 20.302 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Tgt Ion: 43 Resp: 178153

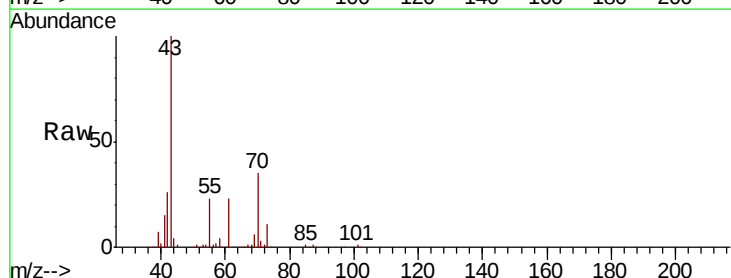
Ion Ratio Lower Upper

43 100

70 35.3 28.4 42.6

55 22.9 18.0 27.0

61 22.9 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

150000

100000

50000

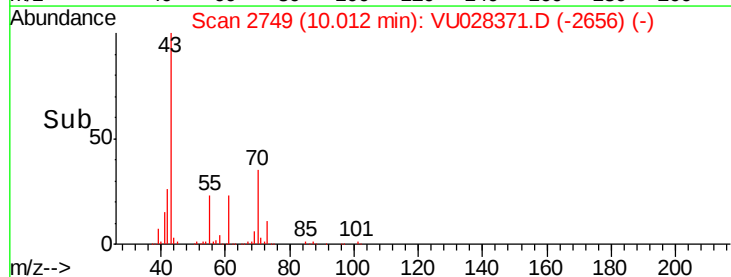
0

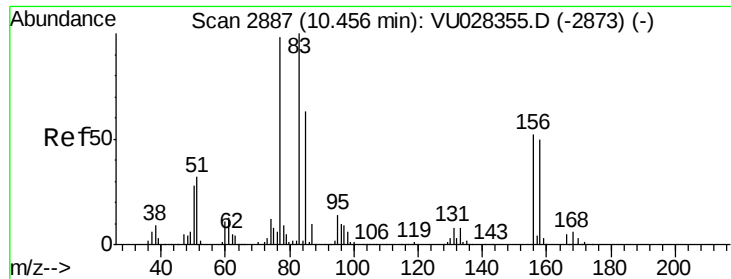
9.95

10.01

10.05

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.321 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

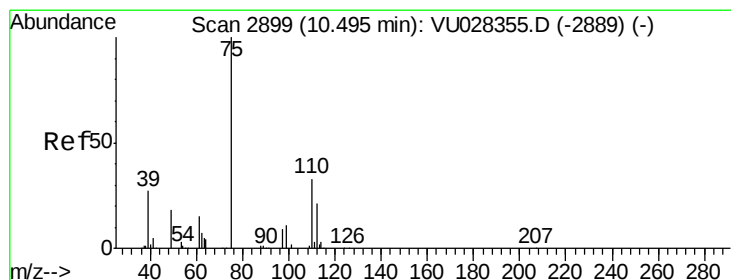
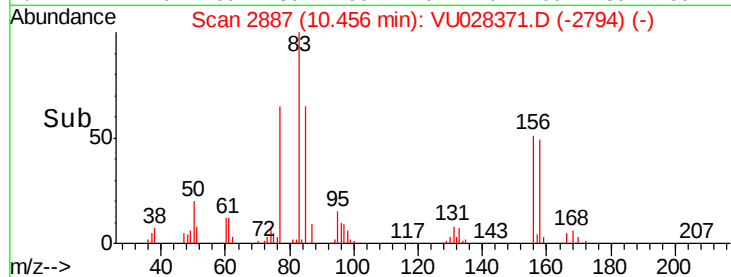
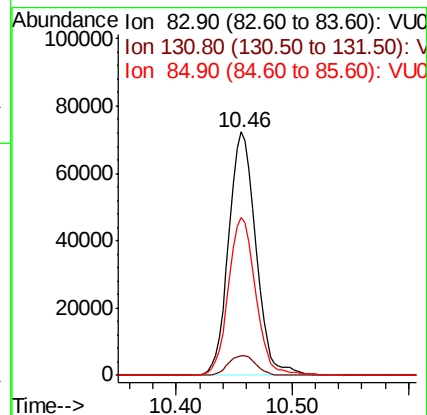
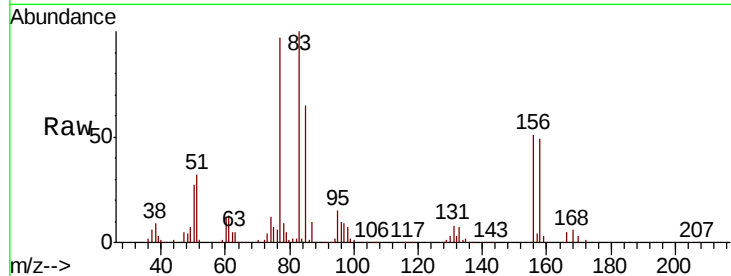
Tot Ion: 83 Resp: 117034

Ion Ratio Lower Upper

83 100

131 8.3 4.0 12.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 28.208 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028371.D

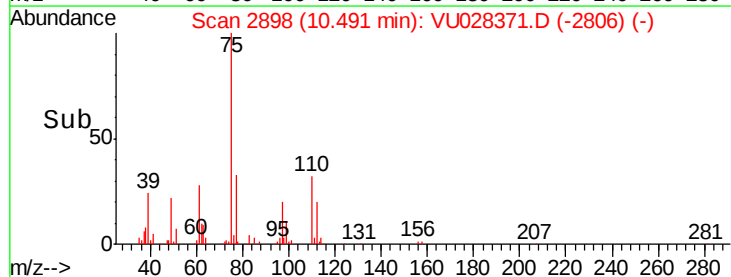
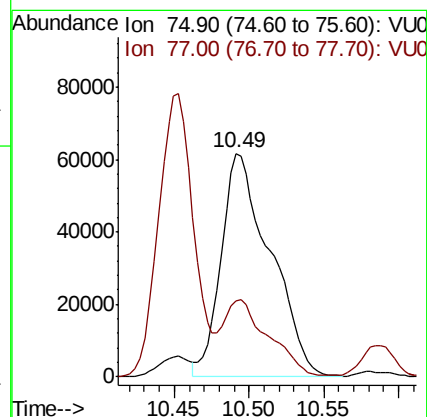
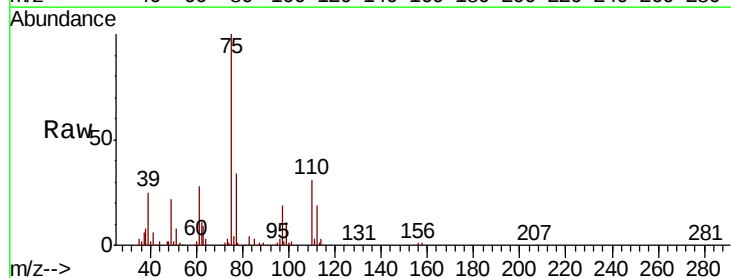
Acq: 28 Nov 2018 17:20

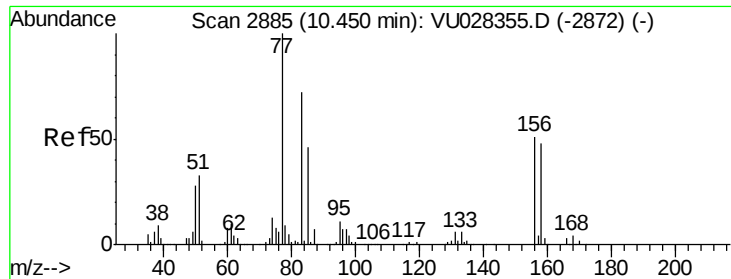
Tgt Ion: 75 Resp: 140860

Ion Ratio Lower Upper

75 100

77 31.2 22.4 67.0





#77

Bromobenzene

Concen: 19.791 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

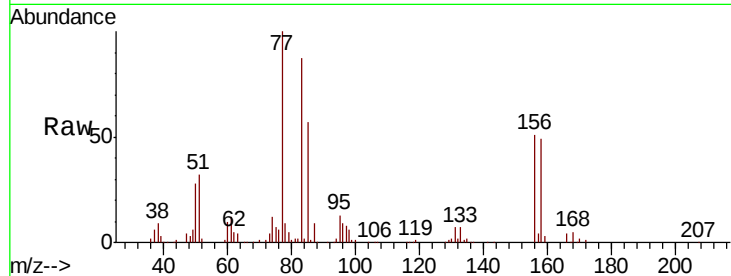
Tot Ion:156 Resp: 65313

Ion Ratio Lower Upper

156 100

77 197.1 97.0 290.9

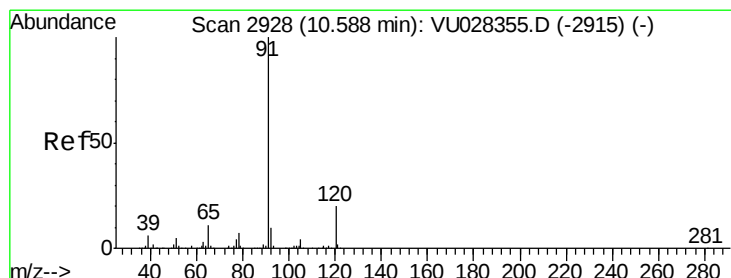
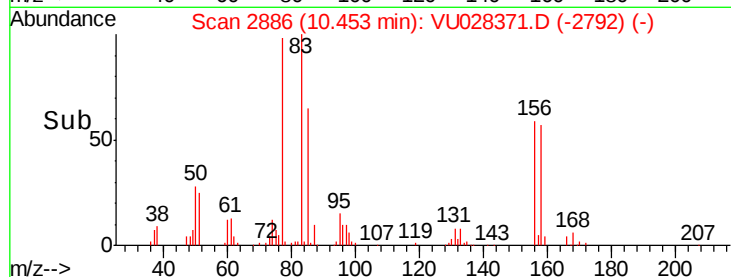
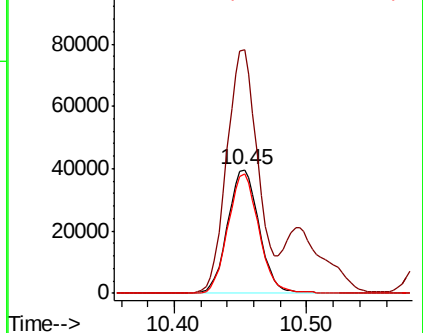
158 94.5 46.8 140.4



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: 19.817 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028371.D

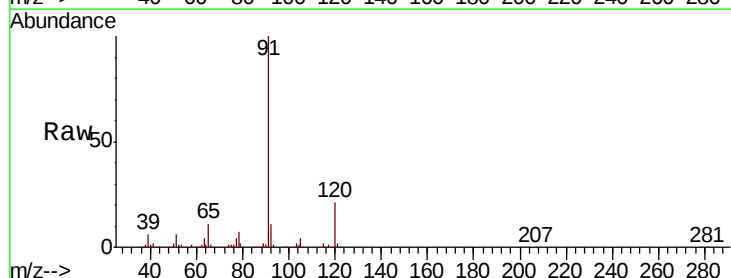
Acq: 28 Nov 2018 17:20

Tgt Ion: 91 Resp: 342389

Ion Ratio Lower Upper

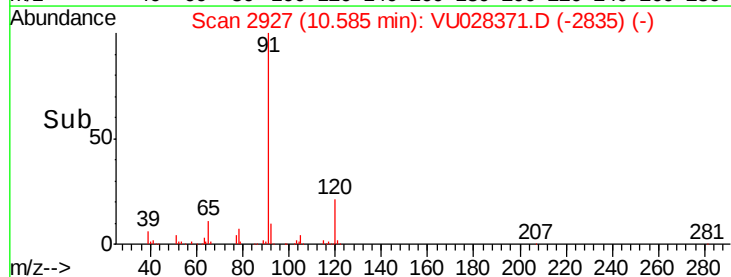
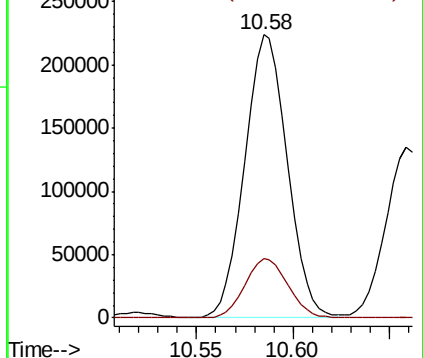
91 100

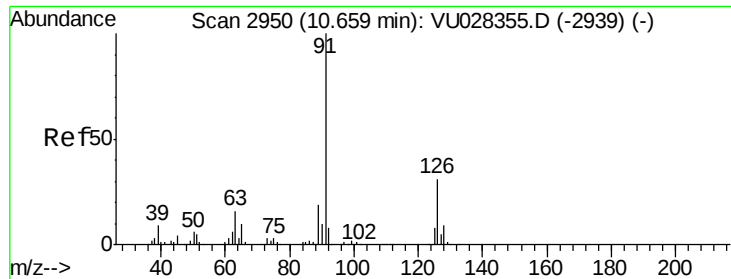
120 21.0 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.512 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

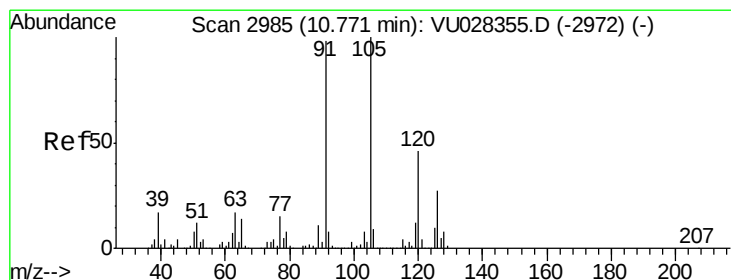
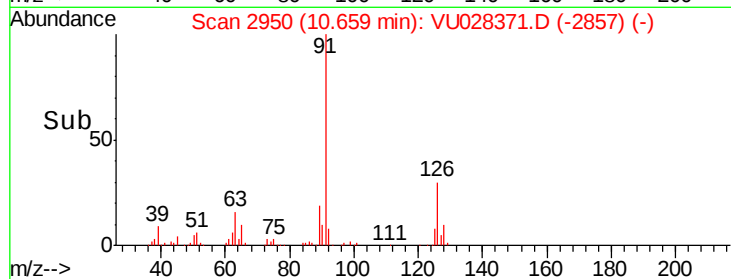
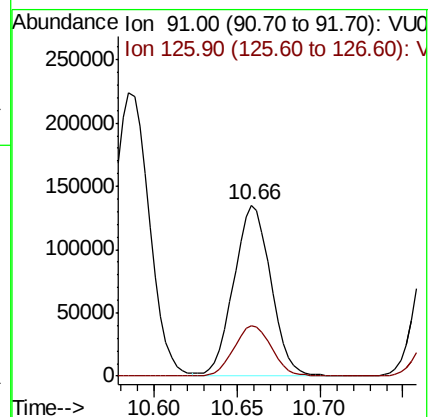
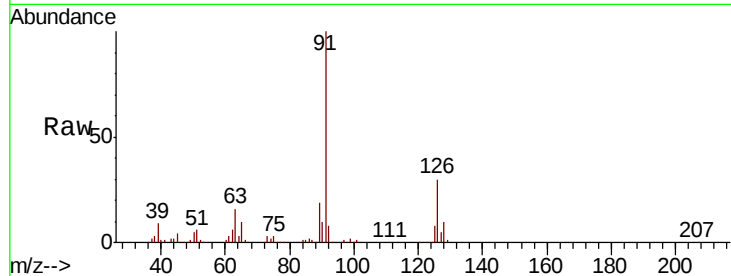
VU1128WBSD01

Tot Ion: 91 Resp: 208918

Ion Ratio Lower Upper

91 100

126 30.3 15.4 46.1



#80

1,3,5-Trimethylbenzene

Concen: 20.450 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028371.D

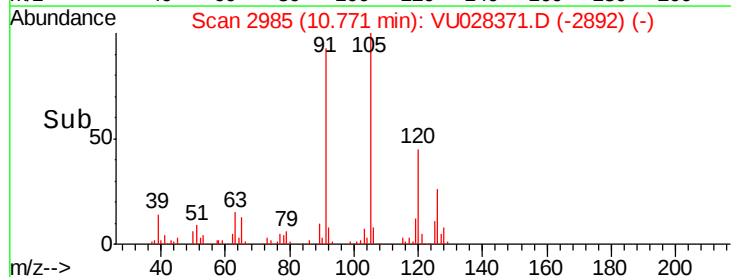
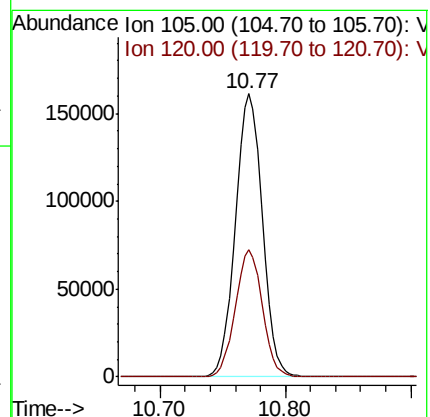
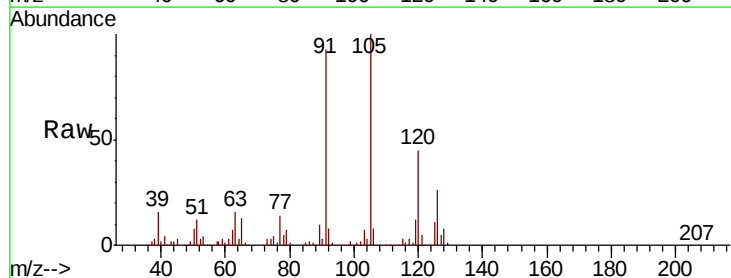
Acq: 28 Nov 2018 17:20

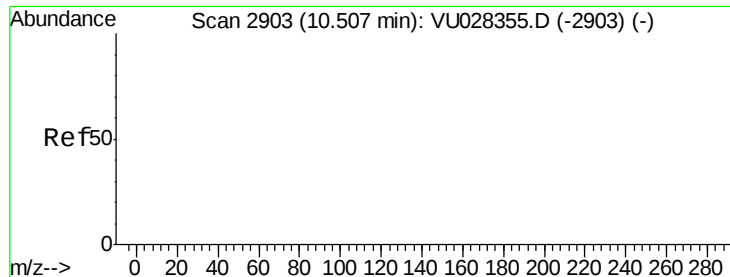
Tgt Ion: 105 Resp: 241357

Ion Ratio Lower Upper

105 100

120 45.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 74.877 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

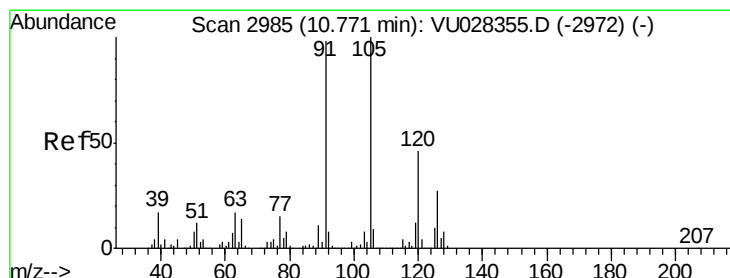
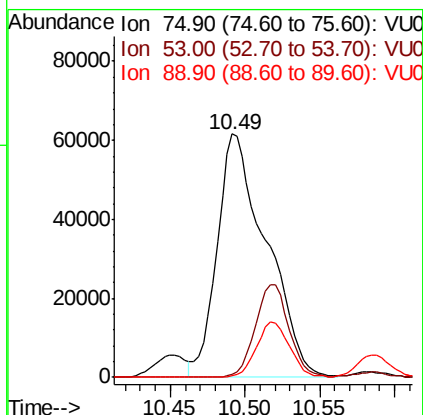
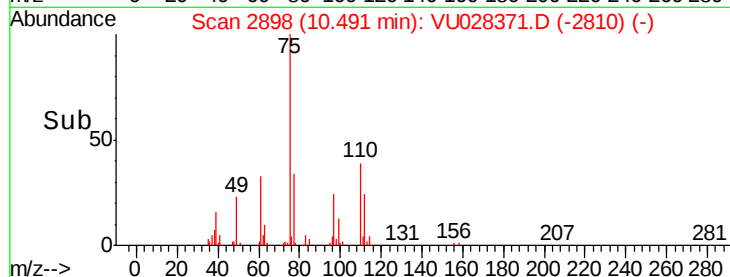
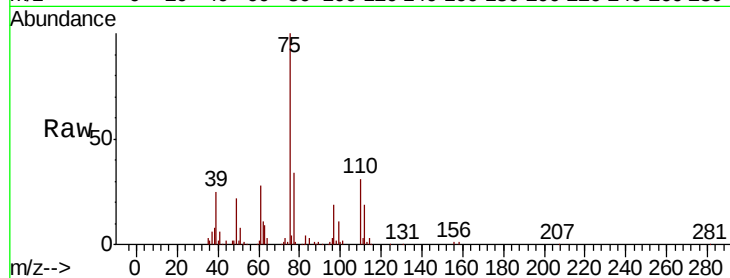
Tot Ion: 75 Resp: 140860

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 19.688 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028371.D

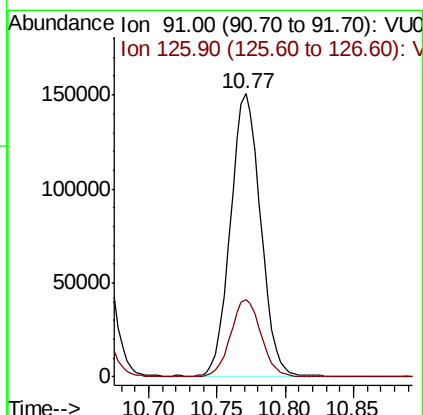
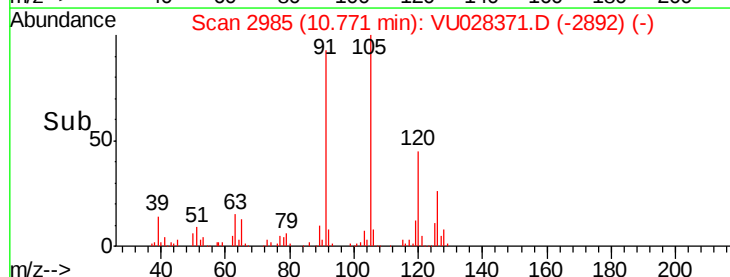
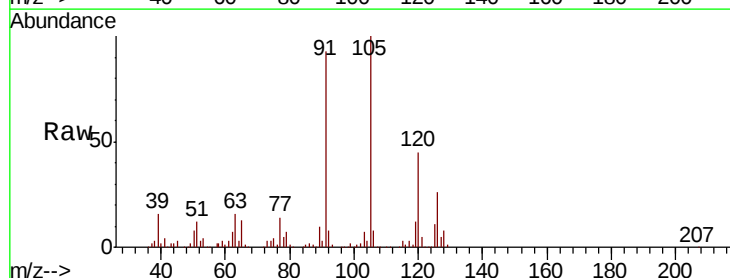
Acq: 28 Nov 2018 17:20

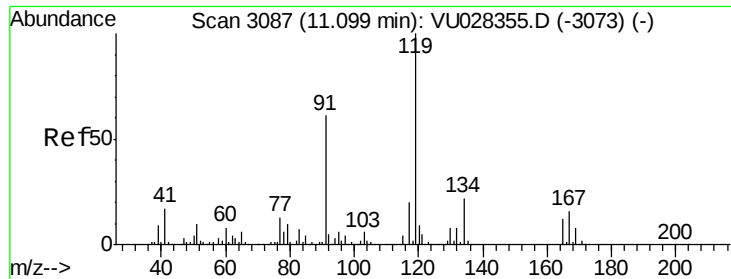
Tgt Ion: 91 Resp: 231036

Ion Ratio Lower Upper

91 100

126 27.6 13.9 41.6





#83

tert-Butylbenzene

Concen: 20.545 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

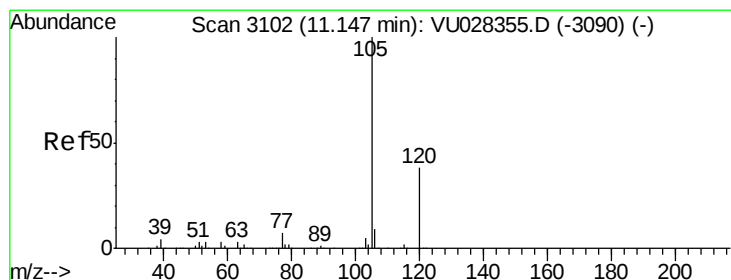
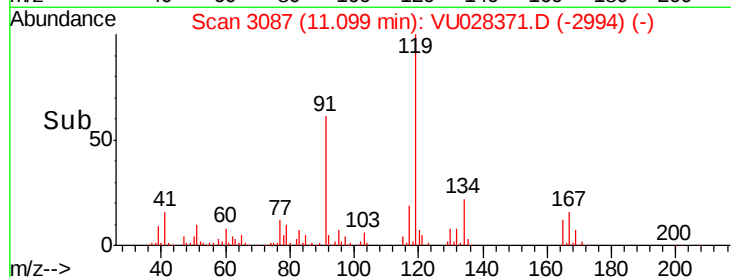
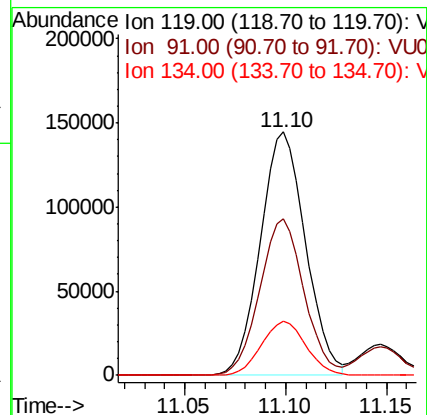
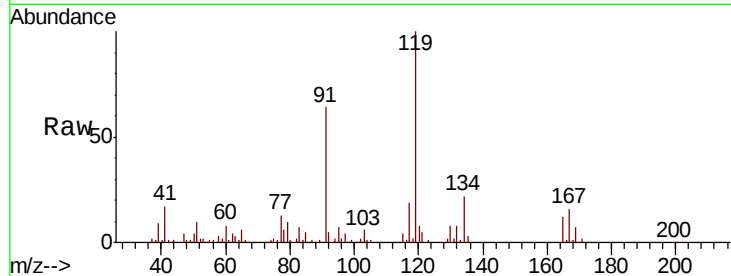
Instrument :

MSVOA_U

ClientSampleId :

VU1128WBSD01

Tot Ion:119	Resp:	226037
Ion Ratio	Lower	Upper
119	100	
91	63.2	30.8 92.4
134	22.0	11.1 33.1



#84

1,2,4-Trimethylbenzene

Concen: 20.276 ug/l

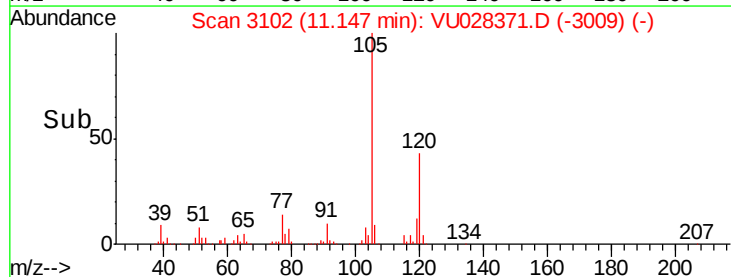
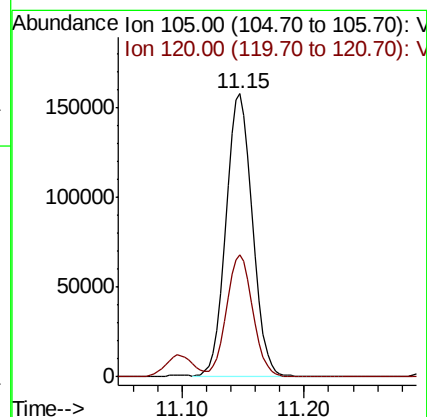
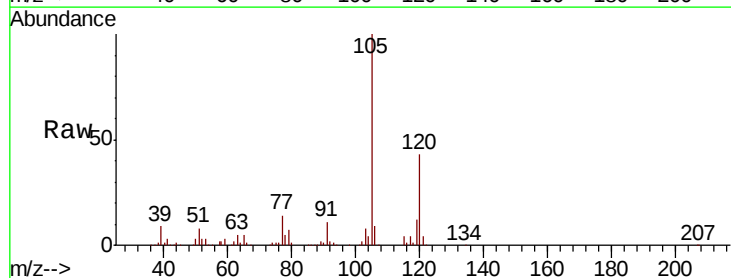
RT: 11.15 min Scan# 3102

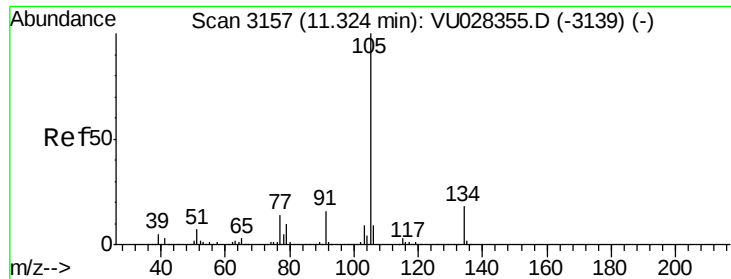
Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Tgt Ion:105	Resp:	242386
Ion Ratio	Lower	Upper
105	100	
120	42.8	21.4 64.3





#85

sec-Butylbenzene

Concen: 20.080 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

Instrument :

MSVOA_U

ClientSampleId :

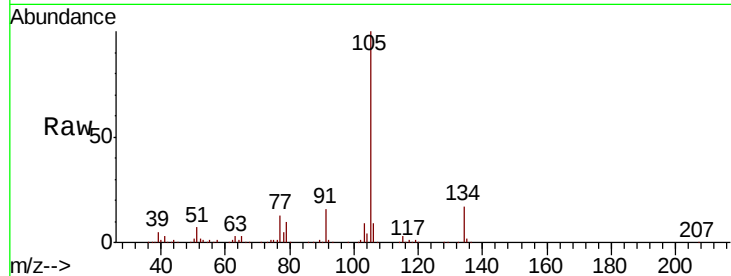
VU1128WBSD01

Tot Ion:105 Resp: 286946

Ion Ratio Lower Upper

105 100

134 17.9 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

200000

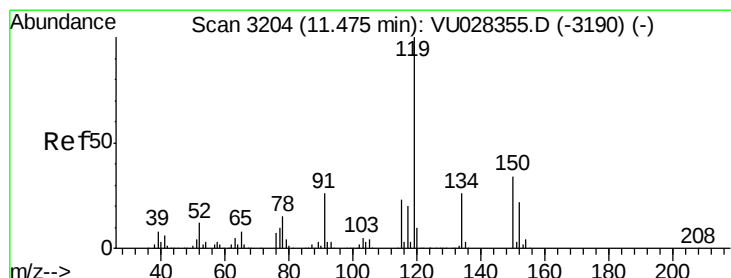
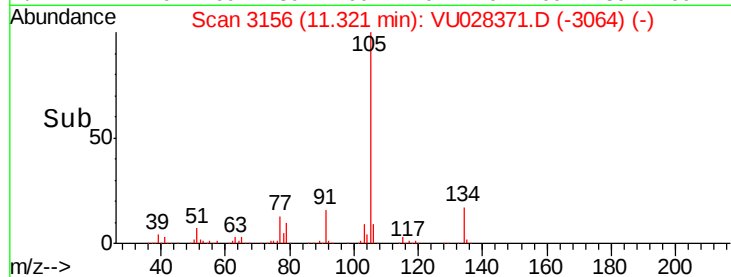
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.852 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028371.D

Acq: 28 Nov 2018 17:20

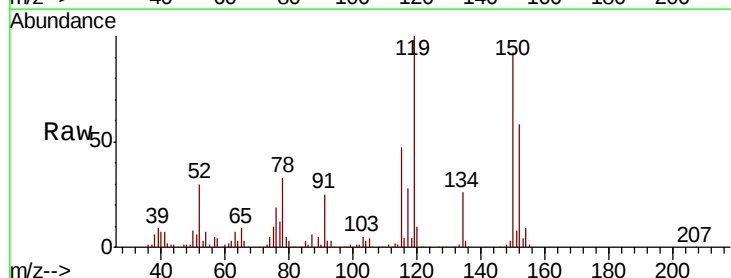
Tgt Ion:119 Resp: 233261

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 26.2 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

11.48

200000

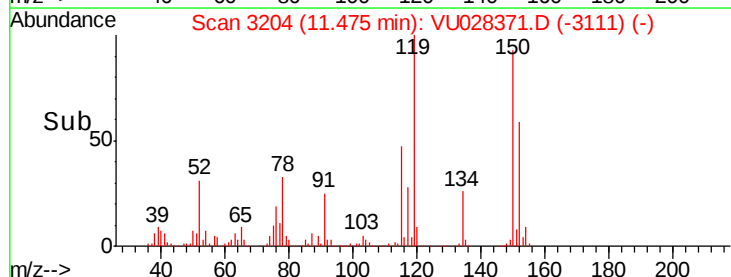
150000

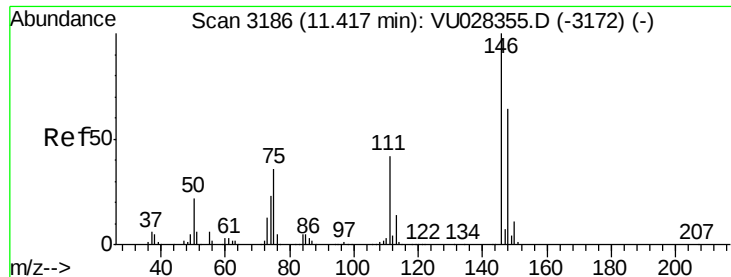
100000

50000

0

Time-->

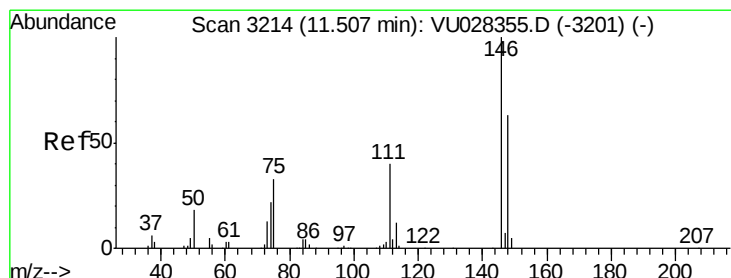
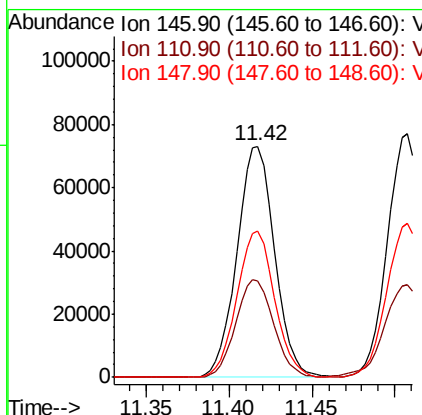
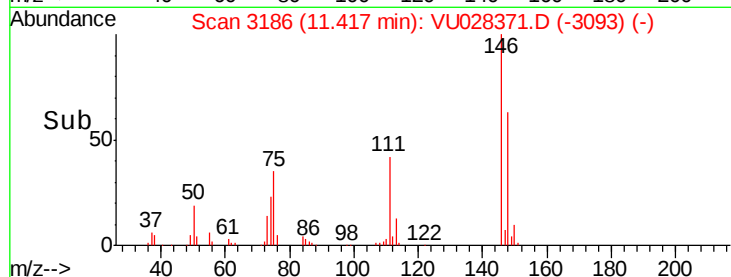
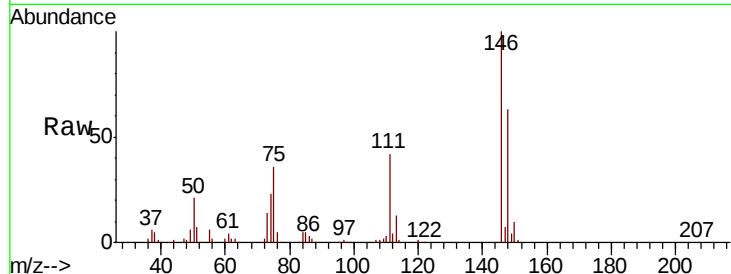




#87
 1,3-Dichlorobenzene
 Concen: 19.202 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

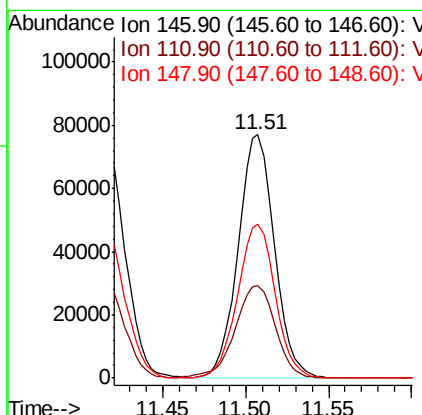
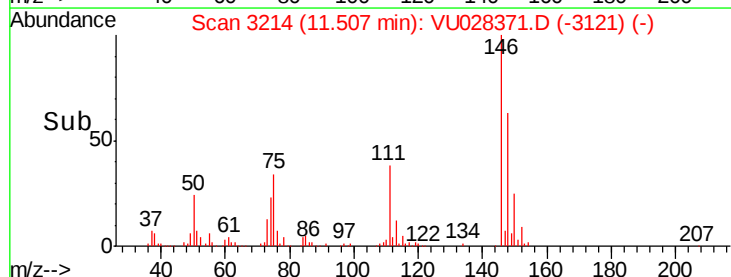
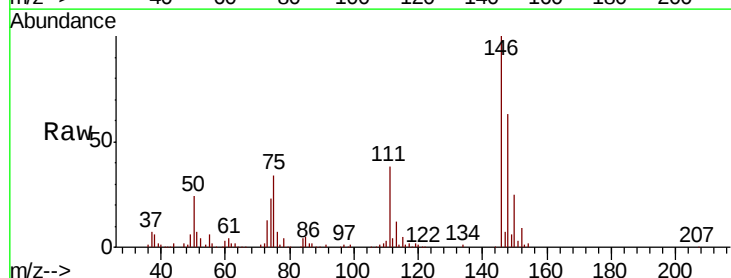
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

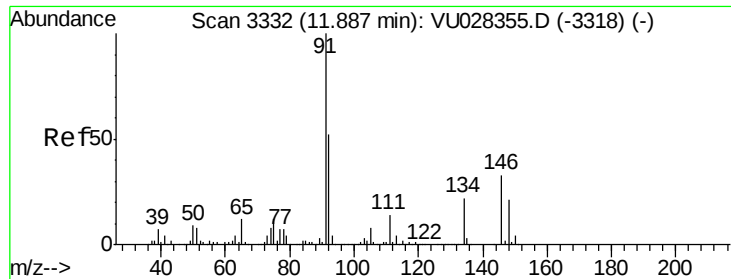
Tot Ion:146 Resp: 115580
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.4
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.252 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion:146 Resp: 116620
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.6 61.9
 148 66.2 31.1 93.5

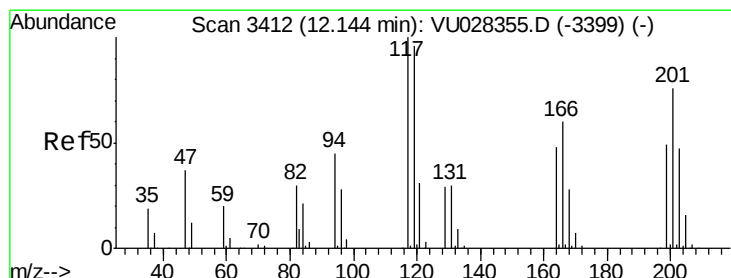
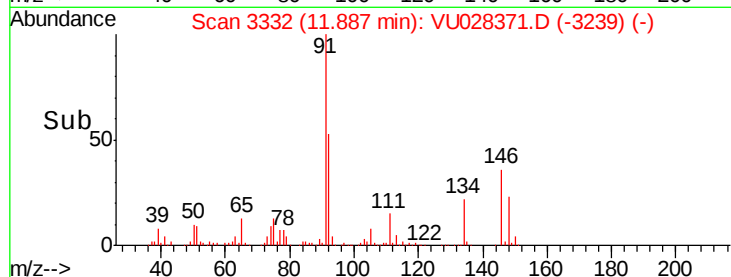
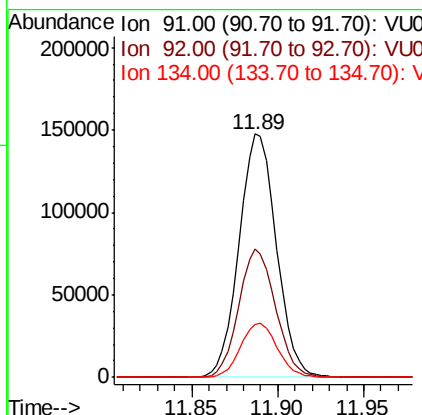
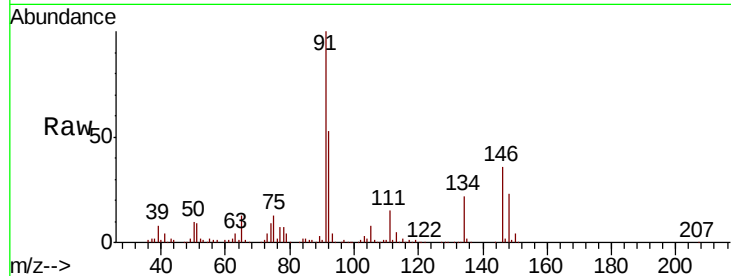




#89
n-Butylbenzene
Concen: 19.268 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

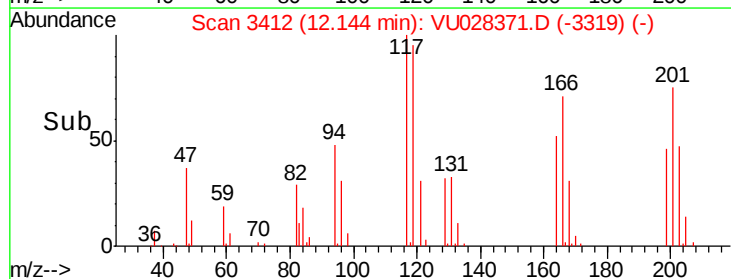
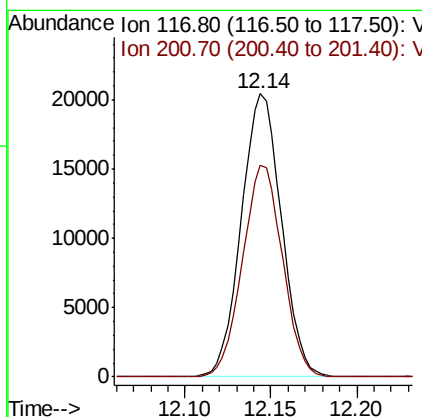
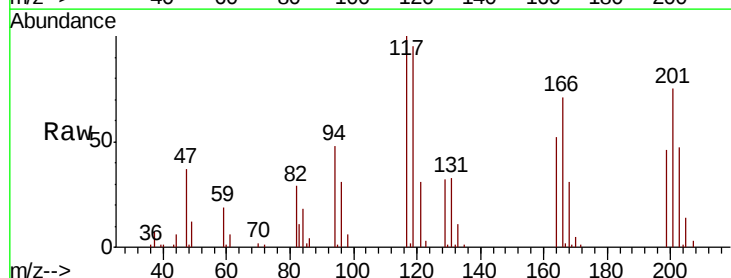
Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

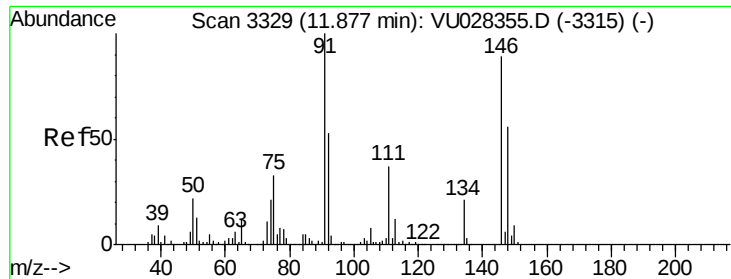
Tot Ion: 91 Resp: 223442
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 21.9 11.1 33.1



#90
Hexachloroethane
Concen: 18.088 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion: 117 Resp: 33181
Ion Ratio Lower Upper
117 100
201 74.5 37.7 113.1

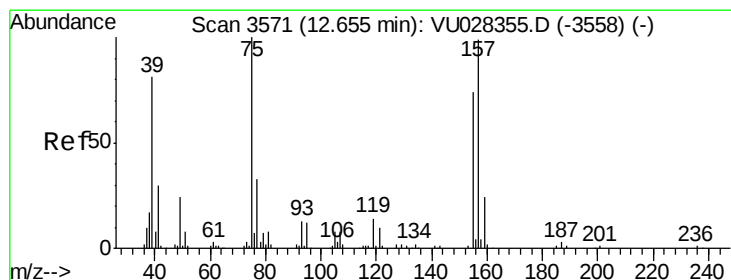
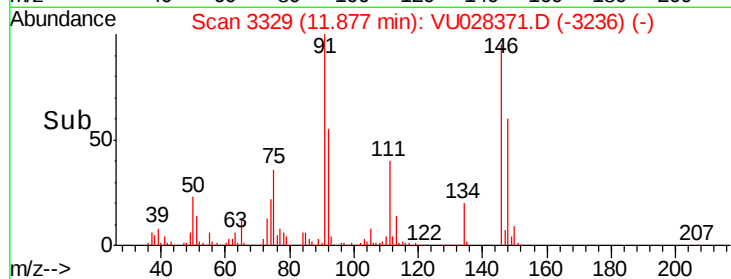
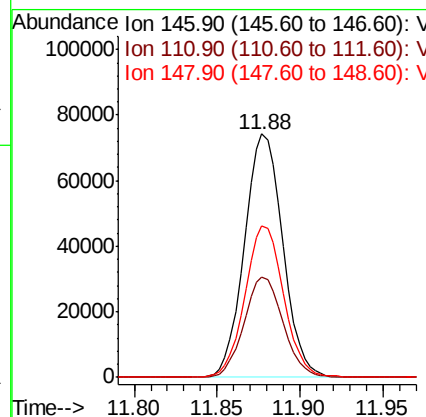
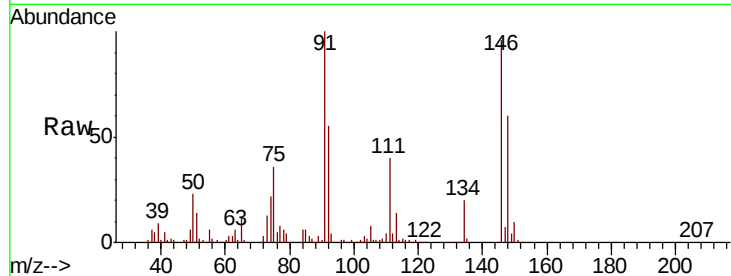




#91
 1,2-Dichlorobenzene
 Concen: 19.909 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

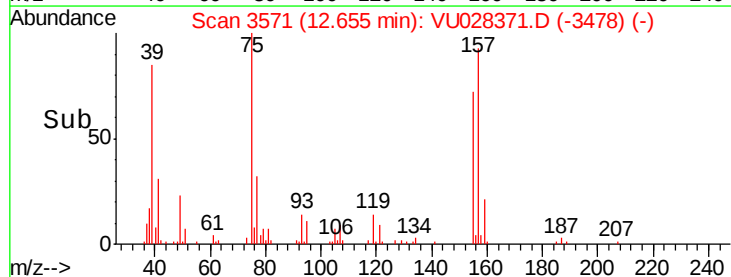
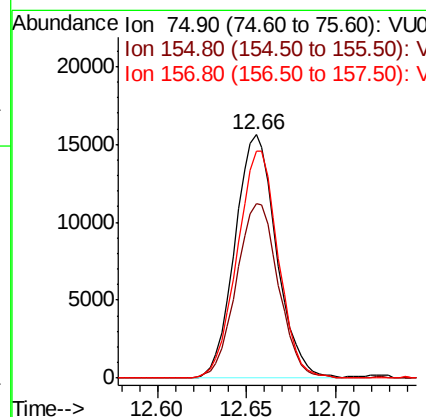
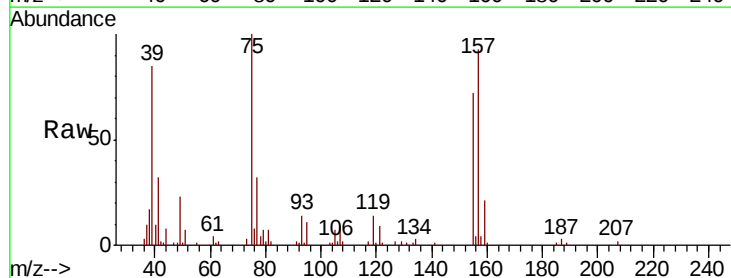
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

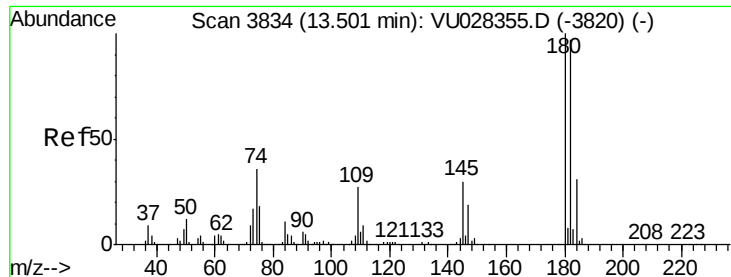
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	62.8	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.772 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	36.9	110.7
157	92.3	47.5	142.5

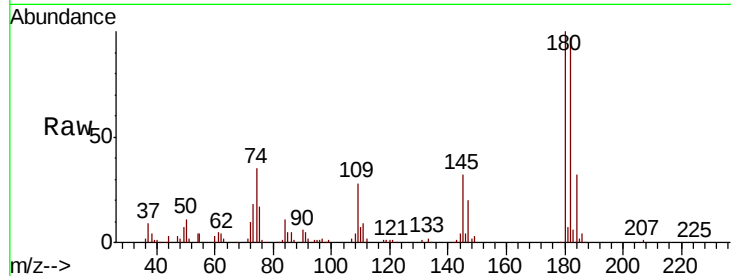




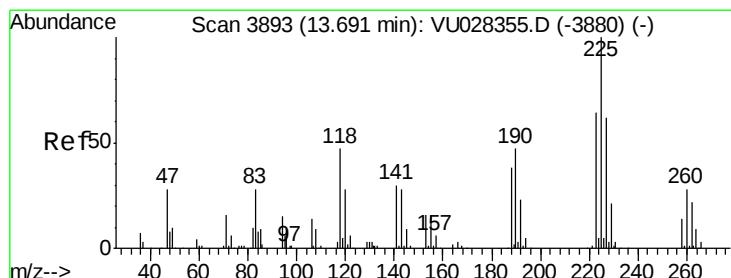
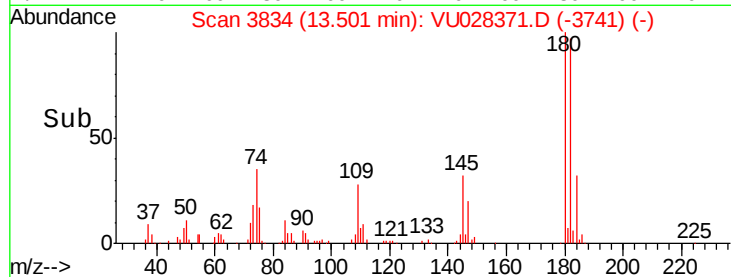
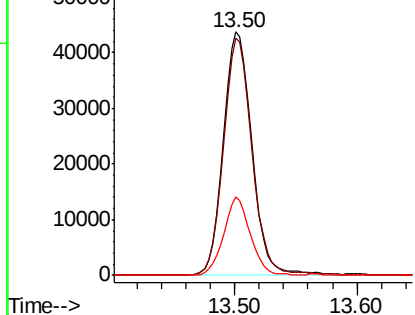
#93
 1,2,4-Trichlorobenzene
 Concen: 18.398 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

Tot Ion:180 Resp: 72319
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.3 144.9
 145 29.9 15.2 45.5

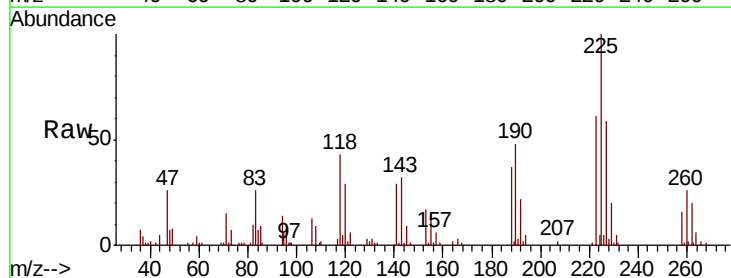


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

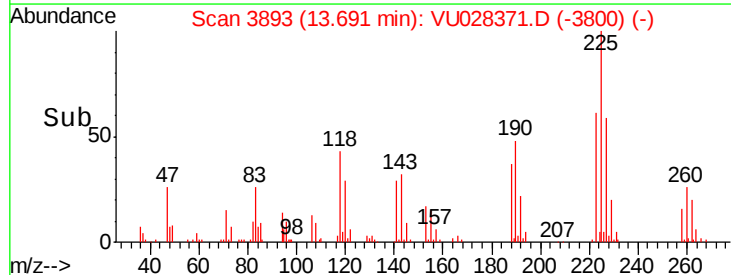
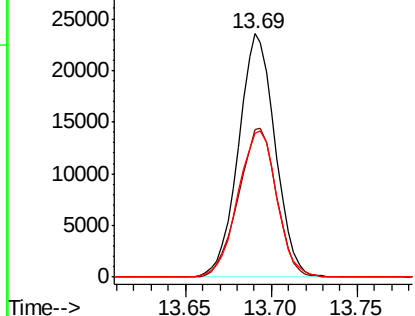


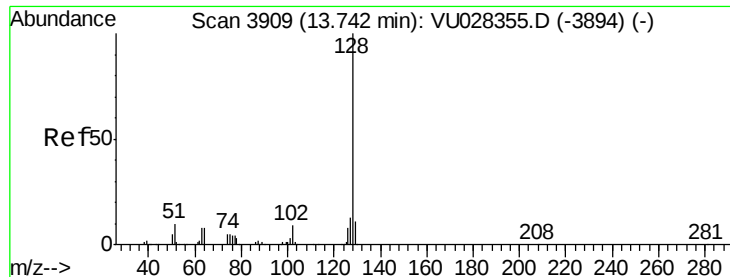
#94
 Hexachlorobutadiene
 Concen: 18.819 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028371.D
 Acq: 28 Nov 2018 17:20

Tgt Ion:225 Resp: 34930
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 94.7
 227 63.6 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

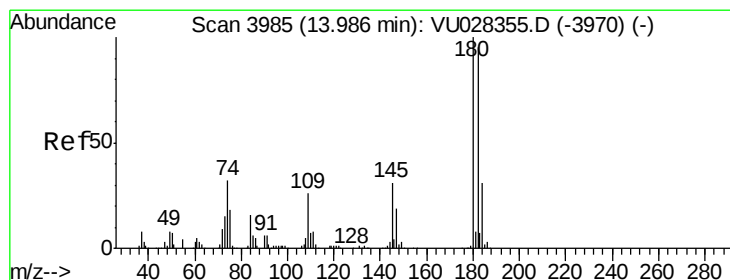
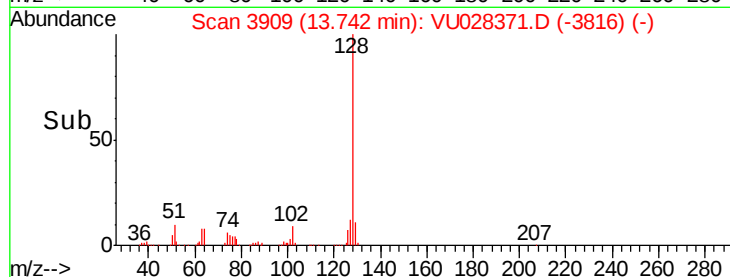
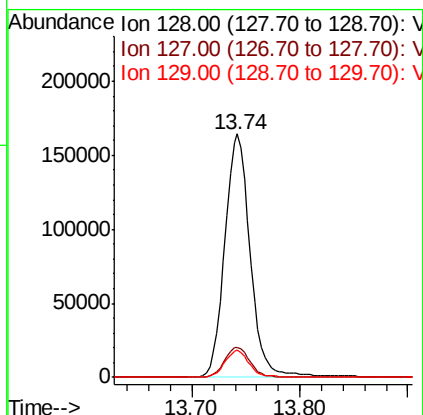
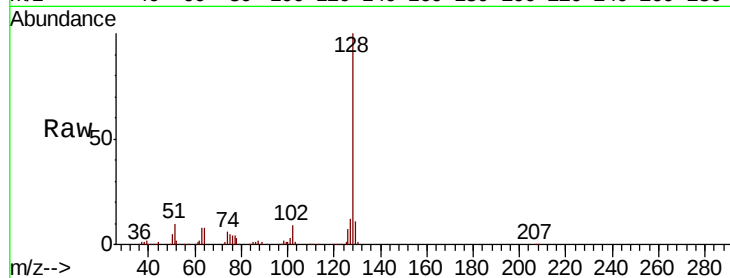




#95
Naphthalene
Concen: 19.648 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

Tot Ion:128 Resp: 270132
Ion Ratio Lower Upper
128 100
127 12.3 10.6 15.8
129 10.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.231 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU028371.D
Acq: 28 Nov 2018 17:20

Tgt Ion:180 Resp: 76455
Ion Ratio Lower Upper
180 100
182 96.4 47.7 143.1
145 32.3 15.7 47.1

