

Data File : VU025632.D
Acq On : 25 Jul 2018 12:14
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

Quant Time: Jul 26 02:21:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	39285	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	15840	1.09	ug/l	0.00
Spiked Amount	1.000		Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16183	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	92894	6.631	ug/l 100
3) Chloromethane	1.33	50	106064	8.008	ug/l 97
4) Vinyl Chloride	1.41	62	109659	8.945	ug/l 98
5) Bromomethane	1.63	94	57157	9.573	ug/l 97
6) Chloroethane	1.70	64	66284	9.011	ug/l 96
7) Trichlorofluoromethane	1.89	101	166816	9.332	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	95507	9.731	ug/l 98
9) 1,1-Dichloroethene	2.29	96	88915	10.266	ug/l 95
10) Iodomethane	2.41	142	80856	9.622	ug/l 95
11) Allyl Chloride	2.59	41	148348	10.246	ug/l 90
12) Acrylonitrile	2.94	53	90912	47.613	ug/l 96
13) Acetone	2.32	43	151020	90.946	ug/l 95
14) Carbon Disulfide	2.48	76	281662	9.508	ug/l 99
15) Methylene Chloride	2.70	84	94992	9.200	ug/l 95
16) trans-1,2-Dichloroethene	2.98	96	97131	10.002	ug/l 95
17) 1,1-Dichloroethane	3.45	63	197937	10.276	ug/l 99
18) 2-Butanone	4.28	43	188039	65.256	ug/l 100
19) Cyclohexane	5.00	56	154844	10.426	ug/l 89
20) Methylcyclohexane	6.42	83	192731	10.579	ug/l 93
21) 2,2-Dichloropropane	4.23	77	190573	10.378	ug/l 99
22) cis-1,2-Dichloroethene	4.23	96	120554	9.860	ug/l 95
23) Diethyl Ether	2.10	59	64218	9.789	ug/l 96
24) tert-Butyl Alcohol	2.84	59	34671	44.994	ug/l # 82
25) Methyl tert-Butyl Ether	3.00	73	228587	9.759	ug/l 98
26) Bromochloromethane	4.55	128	50878	9.450	ug/l 83
27) Chloroform	4.68	83	208552	9.853	ug/l 99
28) 1,1,1-Trichloroethane	4.92	97	192768	10.098	ug/l 97
29) 1,1-Dichloropropene	5.14	75	162259	10.364	ug/l 98
30) Carbon Tetrachloride	5.14	117	176129	10.160	ug/l 98
31) Isopropyl Ether	3.58	45	324204	10.506	ug/l # 1
33) Tert-Amyl methyl ether	5.39	73	8160	0.315	ug/l # 1
34) Propionitrile	4.34	54	79671	99.509	ug/l # 93
35) Benzene	5.39	78	440595	10.066	ug/l 99
36) 1,2-Dichloroethane	5.41	62	135636	10.095	ug/l 98
37) Trichloroethene	6.19	130	127773	9.910	ug/l 100
38) 1,2-Dichloropropane	6.44	63	115071	10.132	ug/l 96
39) Methacrylonitrile	4.55	41	36819	9.989	ug/l 91
40) Methyl acrylate	4.43	55	56773	10.213	ug/l 96
41) Tetrahydrofuran	4.65	42	92677	42.554	ug/l 94
42) 1-Chlorobutane	5.07	56	215965	10.120	ug/l 99
43) Dibromomethane	6.56	93	59894	10.103	ug/l 98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.76	83	153298	10.204	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	341115	51.592	ug/l	97
46) t-1,4-Dichloro-2-butene	10.50	75	105078	36.060	ug/l #	32
47) Methyl methacrylate	6.63	69	53315	10.754	ug/l	96
48) Ethyl methacrylate	8.02	69	102504	10.292	ug/l	100
49) Toluene	7.64	92	280199	10.475	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	148982	10.986	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	171304	10.544	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	81943	10.310	ug/l	96
53) 1,3-Dichloropropane	8.25	76	139988	10.433	ug/l	100
54) 2-Hexanone	8.37	43	290710	62.261	ug/l	99
55) Dibromochloromethane	8.48	129	104564	10.347	ug/l	100
56) 1,2-Dibromoethane	8.59	107	80129	10.418	ug/l	99
58) Tetrachloroethene	8.23	164	120635	10.410	ug/l	98
59) Chlorobenzene	9.12	112	322601	10.489	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	118661	10.390	ug/l	98
61) Pentachloroethane	11.10	117	93894	10.772	ug/l	97
62) Hexachloroethane	12.15	117	93051	10.454	ug/l	100
63) Ethyl Benzene	9.25	91	557070	10.887	ug/l	98
64) m/p-Xylenes	9.38	106	440340	21.897	ug/l	98
65) o-Xylene	9.78	106	210369	10.977	ug/l	97
66) Styrene	9.80	104	349780	10.747	ug/l	99
67) Bromoform	9.96	173	60338	10.120	ug/l	98
69) Isopropylbenzene	10.17	105	578347	11.169	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	100049	10.018	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	105078	13.501	ug/l #	85
72) Bromobenzene	10.45	156	144021	10.712	ug/l	95
73) n-propylbenzene	10.59	120	165977	11.375	ug/l	91
74) 2-Chlorotoluene	10.66	126	139442	10.856	ug/l	88
75) 1,3,5-Trimethylbenzene	10.78	105	505844	11.188	ug/l	99
76) 4-Chlorotoluene	10.78	126	148088	10.968	ug/l	95
77) tert-Butylbenzene	11.10	119	486259	10.909	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	519030	11.246	ug/l	99
79) sec-Butylbenzene	11.33	105	623665	10.644	ug/l	98
80) Nitrobenzene	12.87	77	4645	15.280	ug/l #	81
81) p-Isopropyltoluene	11.48	119	565414	11.381	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	289972	10.486	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	292318	10.840	ug/l	99
84) n-Butylbenzene	11.89	91	536291	11.505	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	262888	10.411	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	17716	10.752	ug/l	89
87) 1,2,4-Trichlorobenzene	13.51	180	209239	11.900	ug/l	100
88) Hexachlorobutadiene	13.70	225	117666	10.892	ug/l	99
89) Naphthalene	13.74	128	345016	12.089	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	187445	11.667	ug/l	99

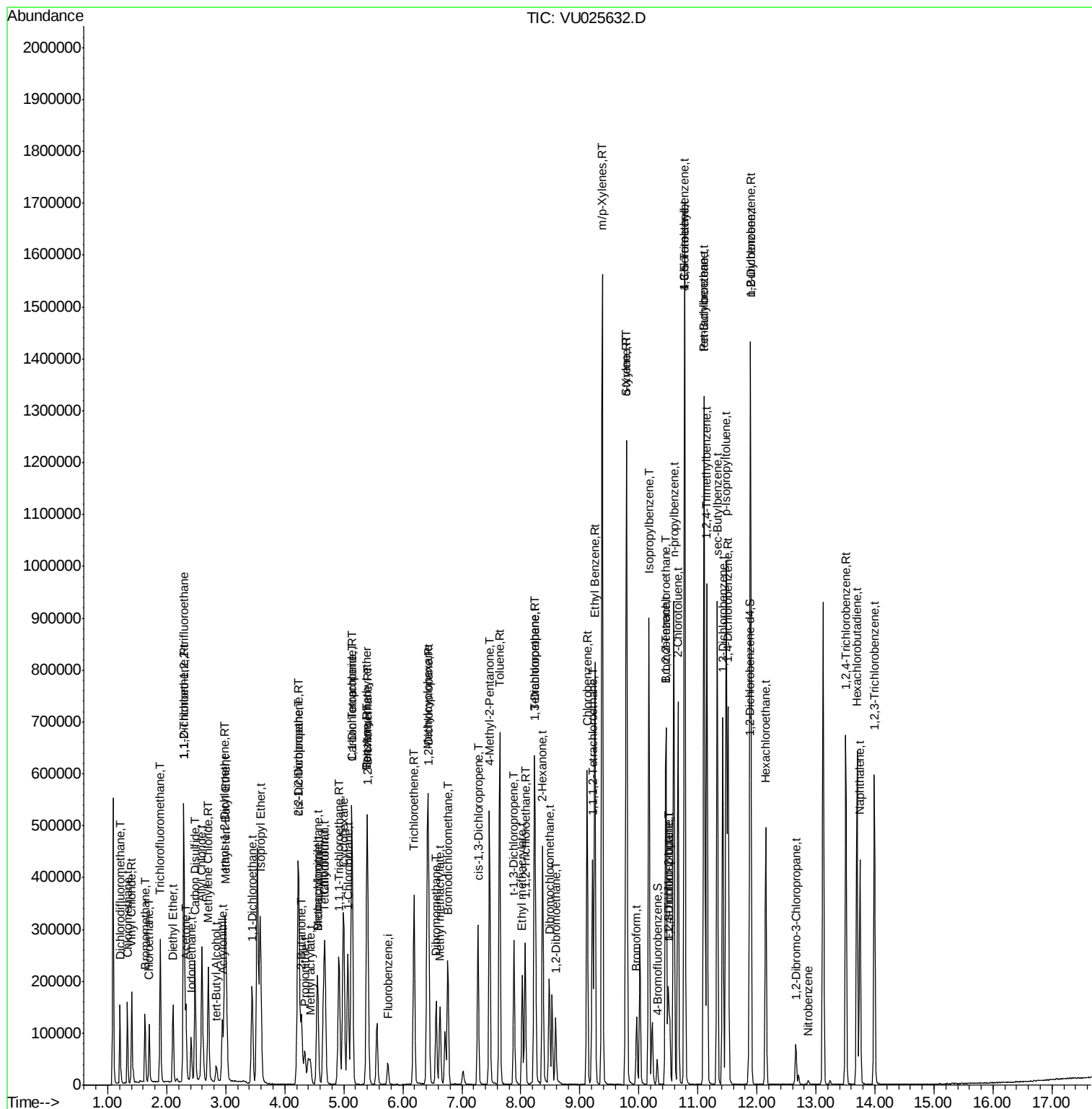
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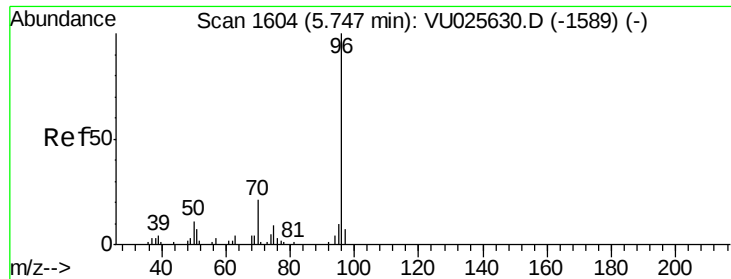
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

Tgt Ion: 96 Resp: 39285

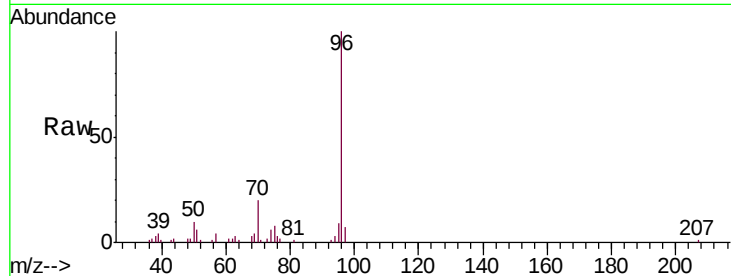
Ion Ratio Lower Upper

96 100

70 19.5 16.2 24.4

95 9.3 6.9 10.3

97 0.0 0.0 0.0

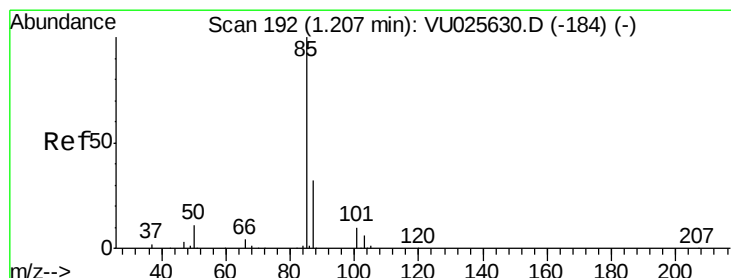
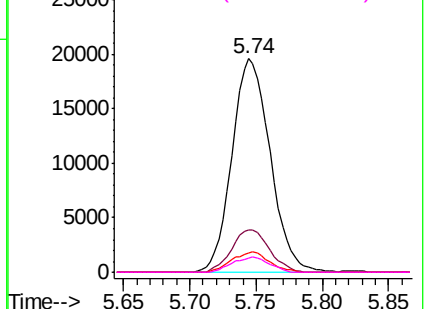
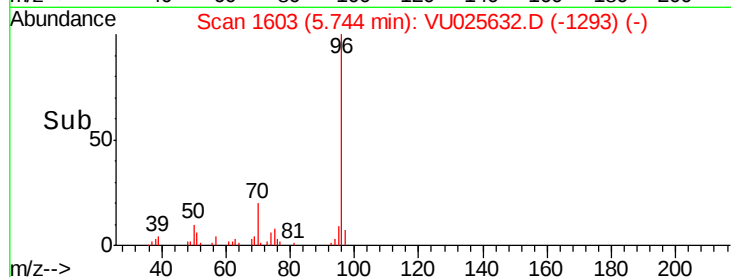


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 6.631 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025632.D

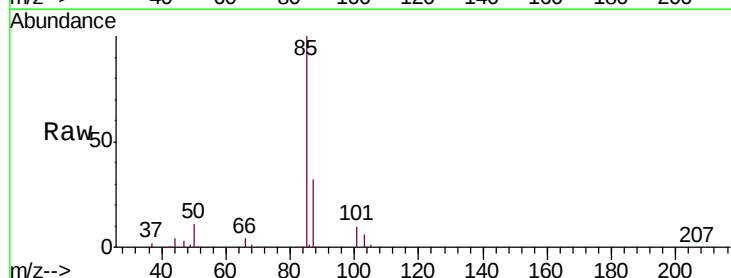
Acq: 25 Jul 2018 12:14

Tgt Ion: 85 Resp: 92894

Ion Ratio Lower Upper

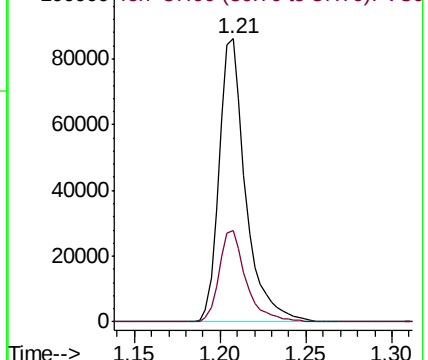
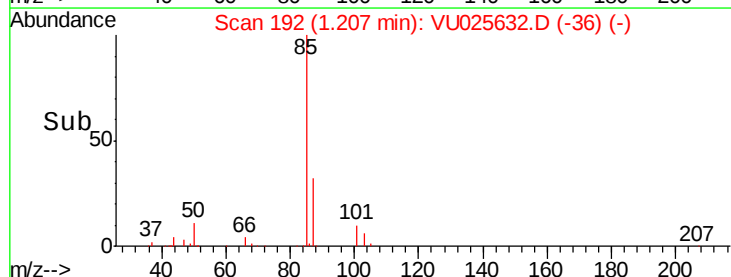
85 100

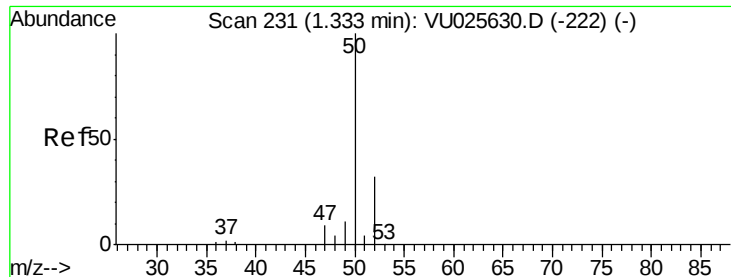
87 32.5 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

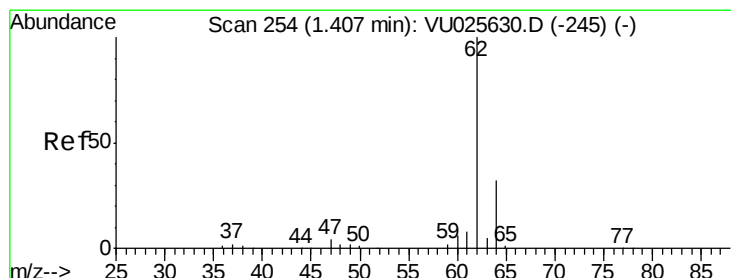
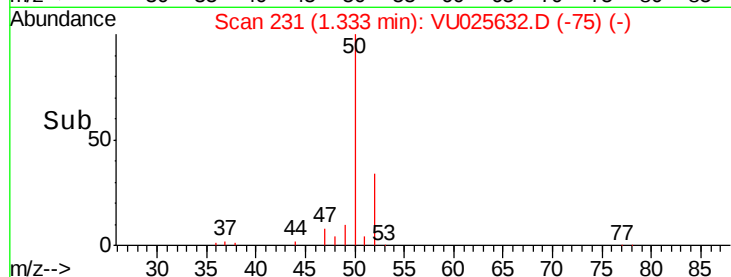
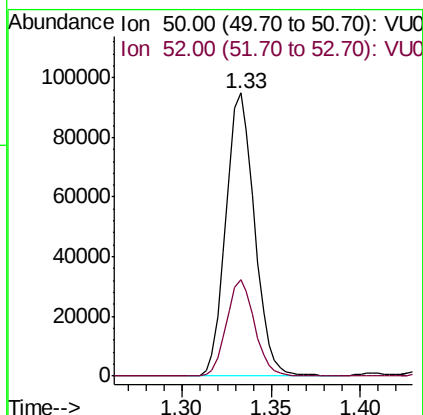
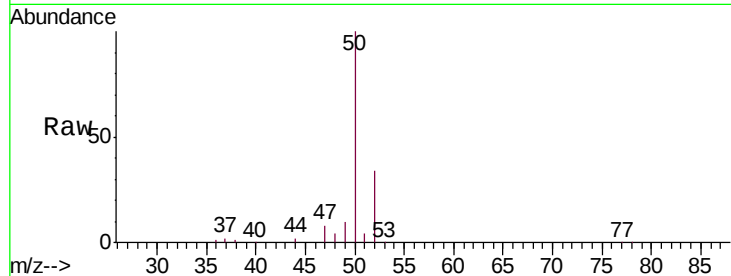




#3
Chloromethane
Concen: 8.008 ug/l
RT: 1.33 min Scan# 231
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

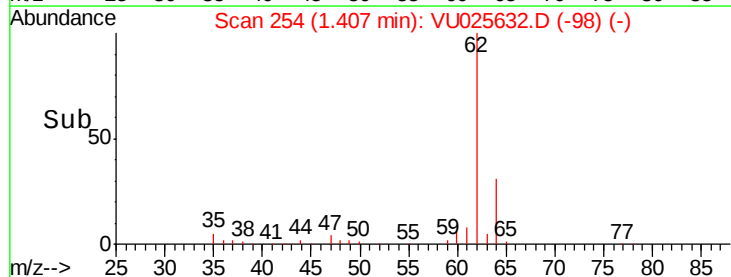
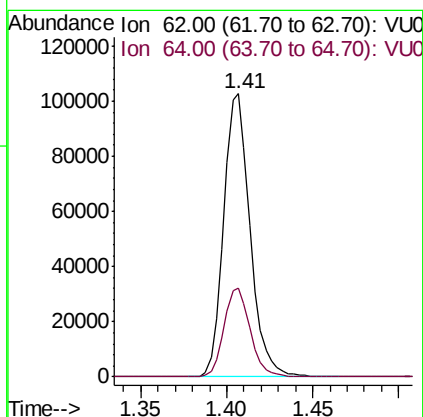
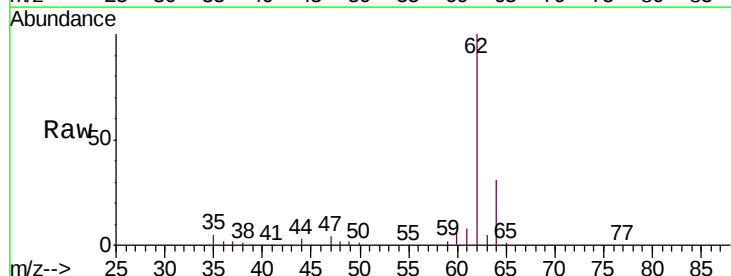
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

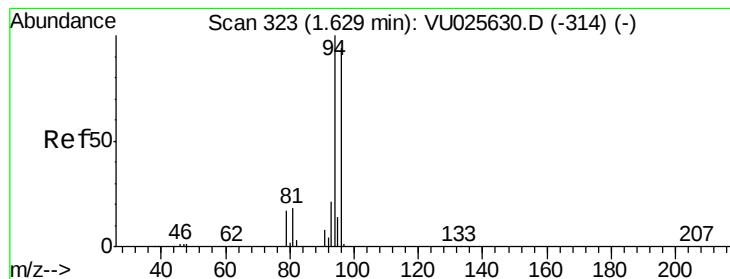
Tgt Ion: 50 Resp: 106064
Ion Ratio Lower Upper
50 100
52 34.2 26.0 39.0



#4
Vinyl Chloride
Concen: 8.945 ug/l
RT: 1.41 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion: 62 Resp: 109659
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.8





#5

Bromomethane

Concen: 9.573 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

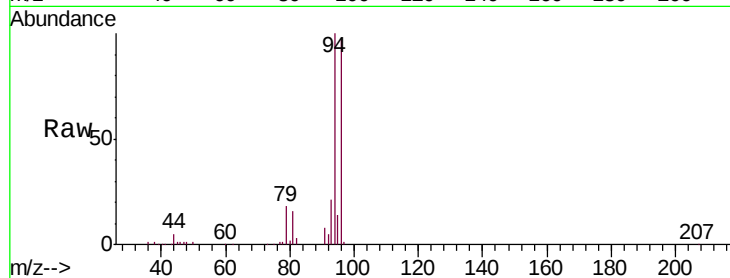
ICVVU072518

Tgt Ion: 94 Resp: 57157

Ion Ratio Lower Upper

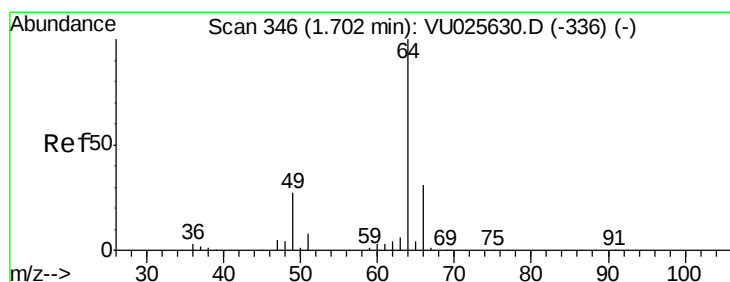
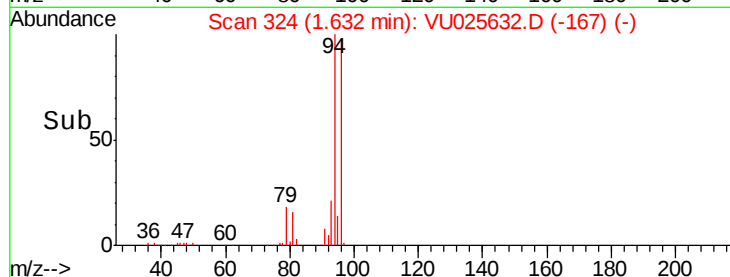
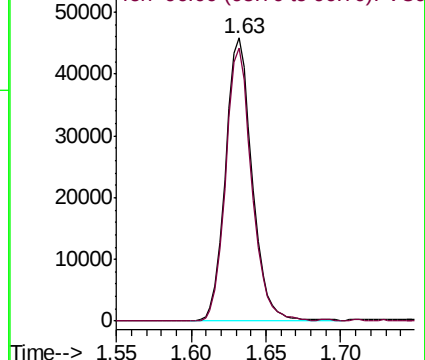
94 100

96 96.6 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.011 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025632.D

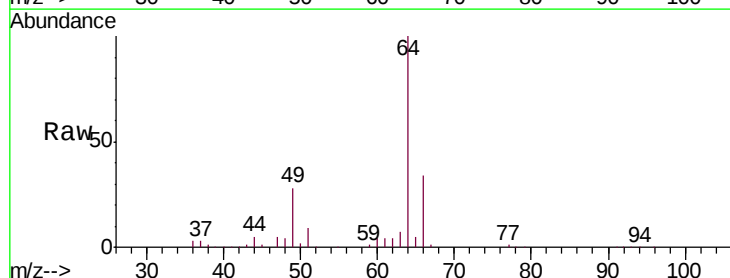
Acq: 25 Jul 2018 12:14

Tgt Ion: 64 Resp: 66284

Ion Ratio Lower Upper

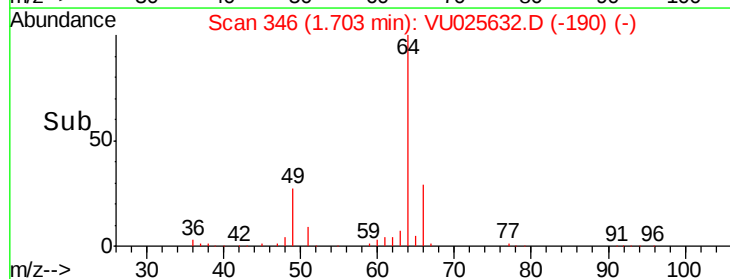
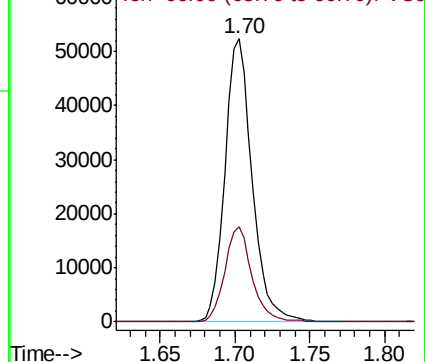
64 100

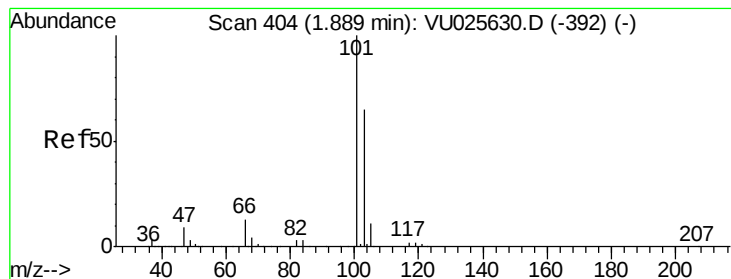
66 33.5 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



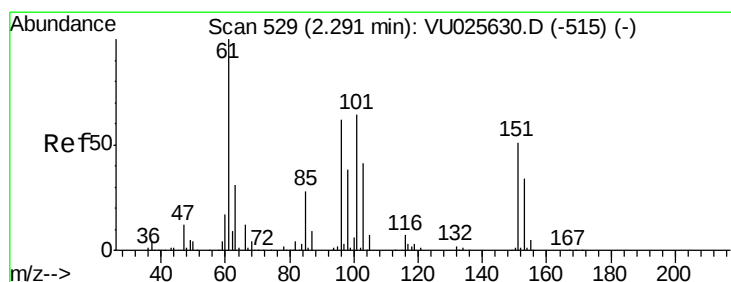
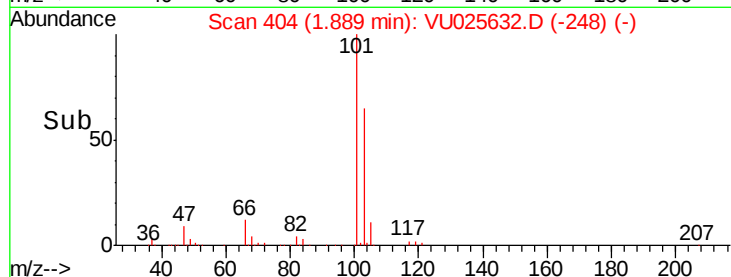
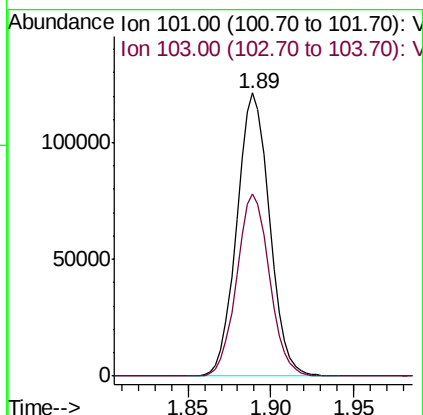
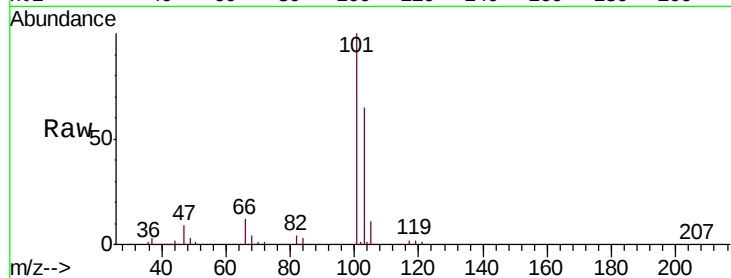


#7

Trichlorofluoromethane
 Concen: 9.332 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

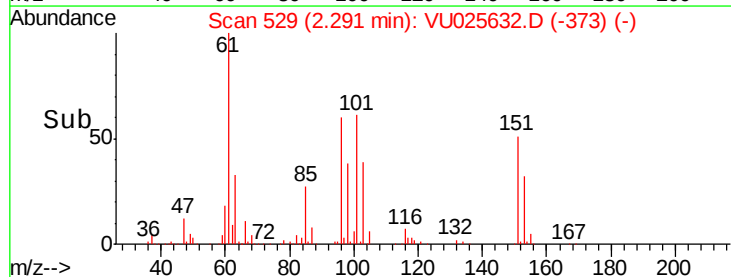
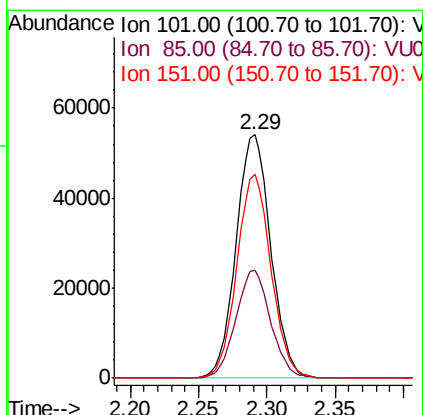
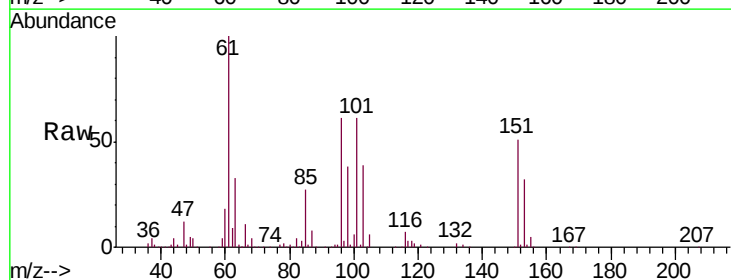
Tgt Ion:101 Resp: 166816
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

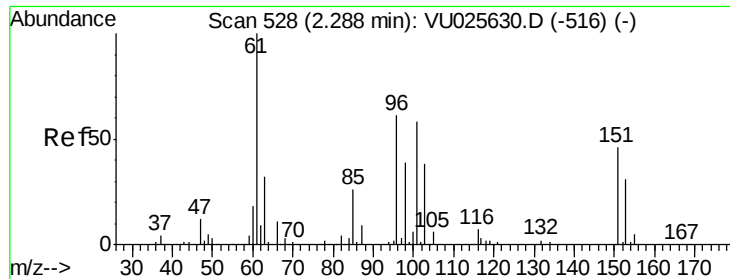


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.731 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion:101 Resp: 95507
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.2 52.8
 151 82.4 63.5 95.3





#9

1,1-Dichloroethene

Concen: 10.266 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

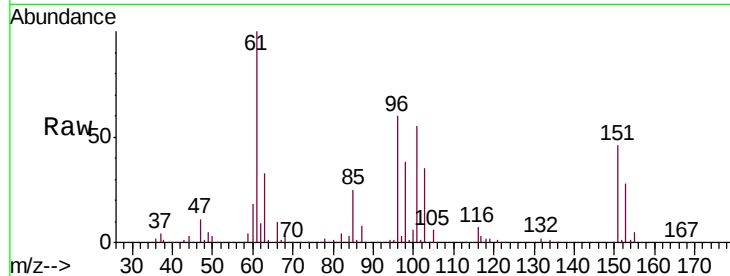
Tgt Ion: 96 Resp: 88915

Ion Ratio Lower Upper

96 100

61 166.7 0.0 526.5

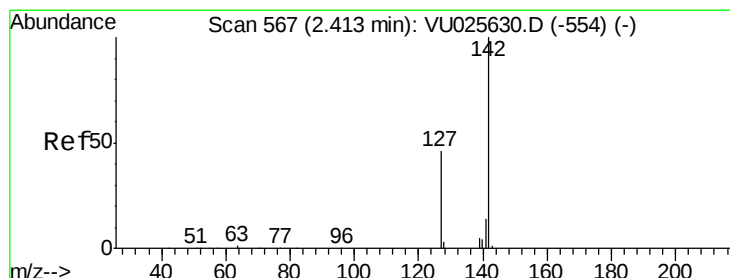
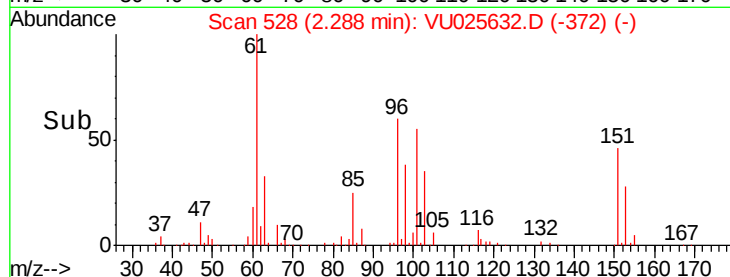
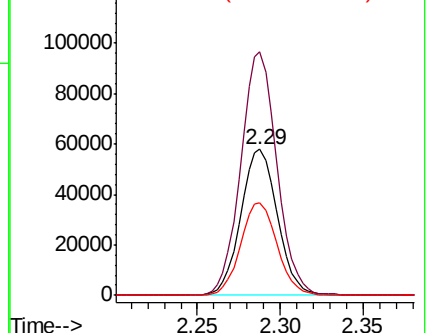
98 63.0 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 9.622 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025632.D

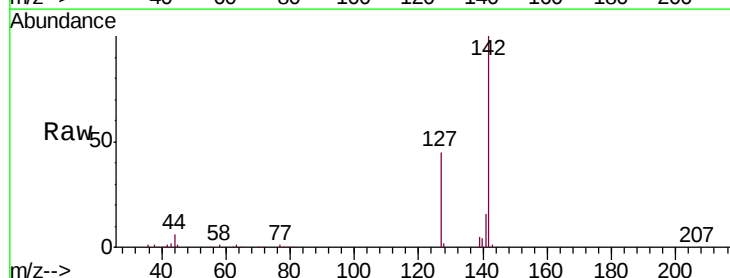
Acq: 25 Jul 2018 12:14

Tgt Ion: 142 Resp: 80856

Ion Ratio Lower Upper

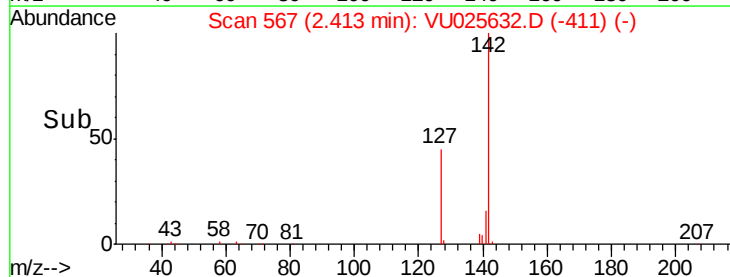
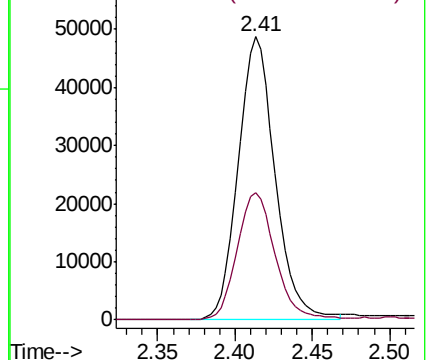
142 100

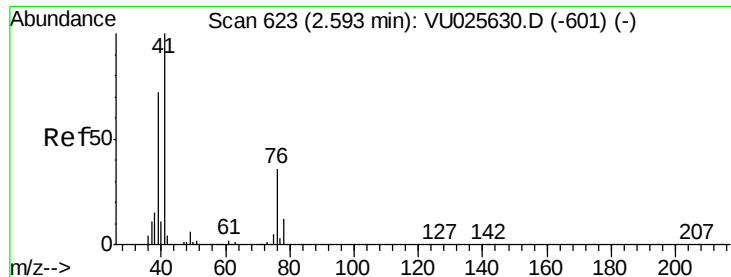
127 46.5 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

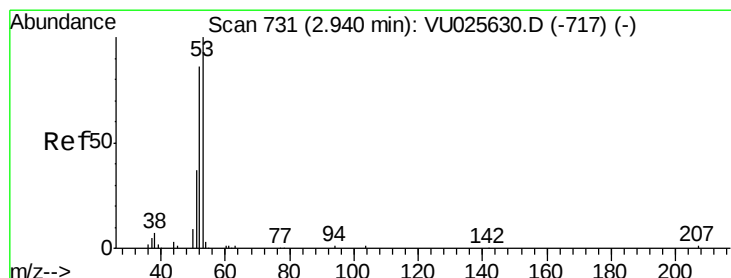
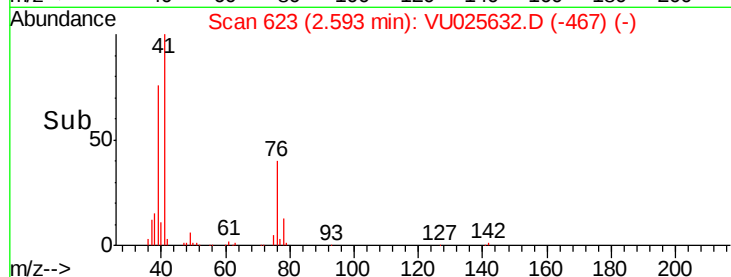
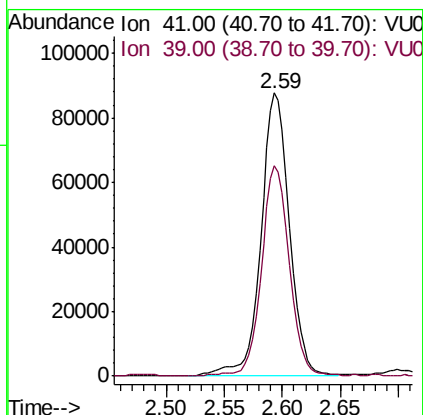
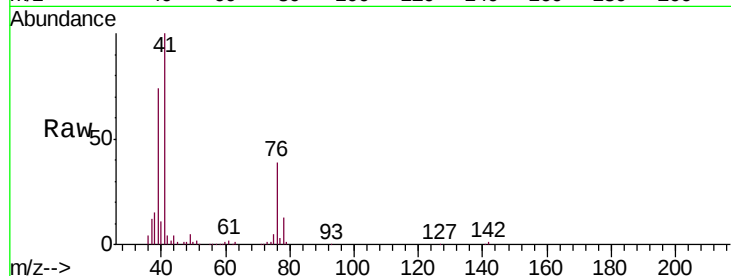




#11
 Allyl Chloride
 Concen: 10.246 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

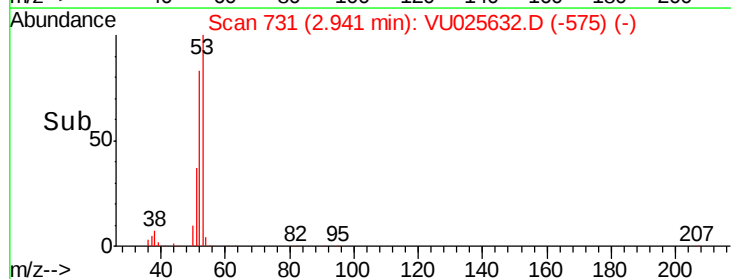
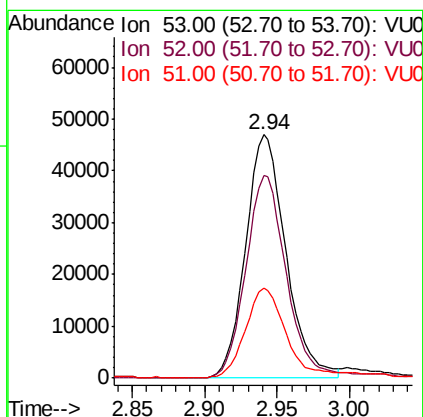
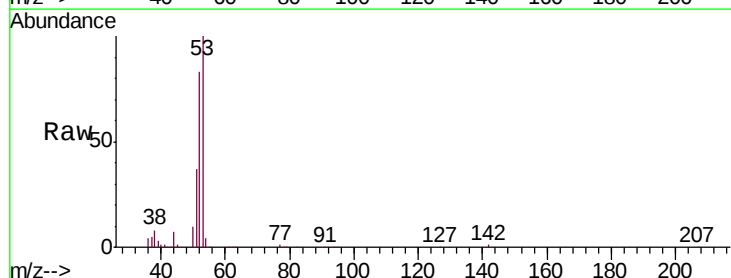
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

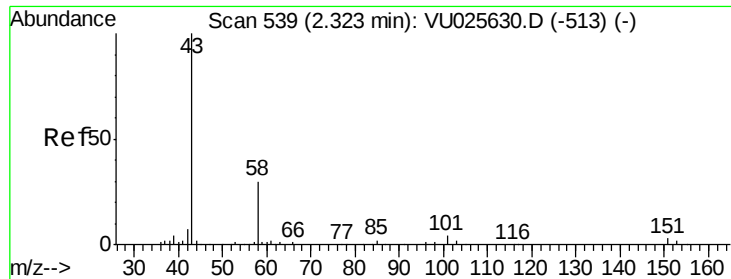
Tgt Ion: 41 Resp: 148348
 Ion Ratio Lower Upper
 41 100
 39 72.4 51.4 77.2



#12
 Acrylonitrile
 Concen: 47.613 ug/l
 RT: 2.94 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 53 Resp: 90912
 Ion Ratio Lower Upper
 53 100
 52 86.2 65.1 97.7
 51 37.4 30.2 45.4





#13

Acetone

Concen: 90.946 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

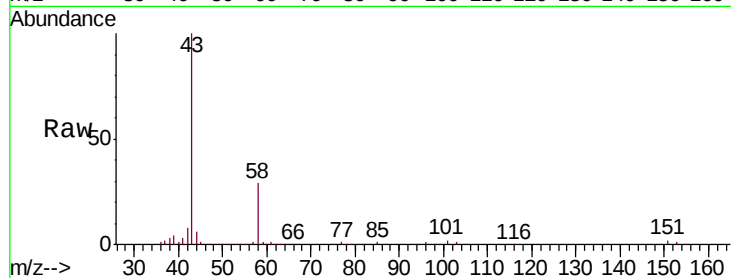
ICVVU072518

Tgt Ion: 43 Resp: 151020

Ion Ratio Lower Upper

43 100

58 29.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU025632.D (-513) (-)

Ion 58.00 (57.70 to 58.70): VU025632.D (-513) (-)

2.32

100000

80000

60000

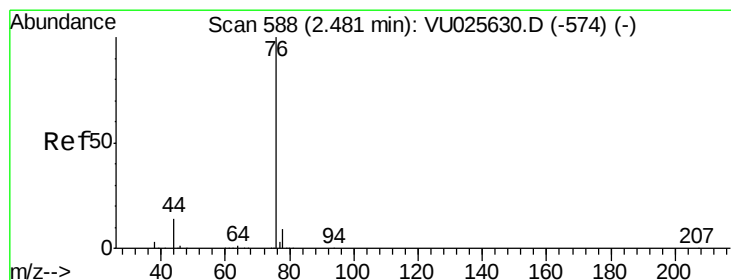
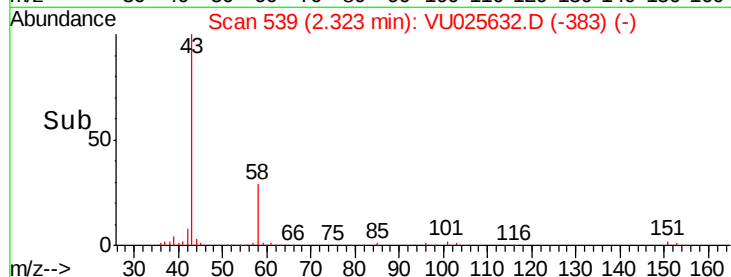
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Carbon Disulfide

Concen: 9.508 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025632.D

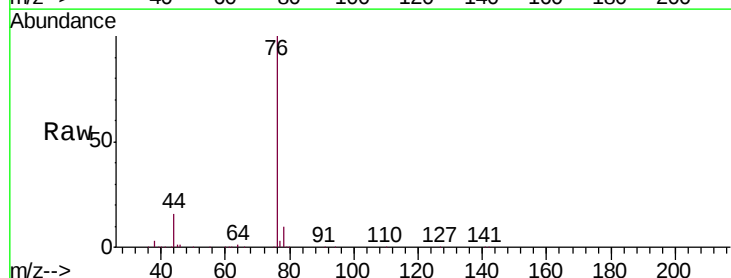
Acq: 25 Jul 2018 12:14

Tgt Ion: 76 Resp: 281662

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU025632.D (-574) (-)

Ion 78.00 (77.70 to 78.70): VU025632.D (-574) (-)

2.48

200000

150000

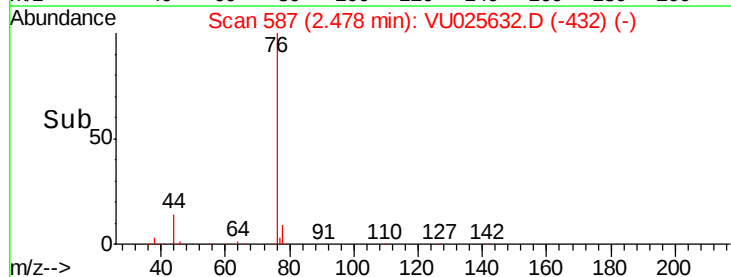
100000

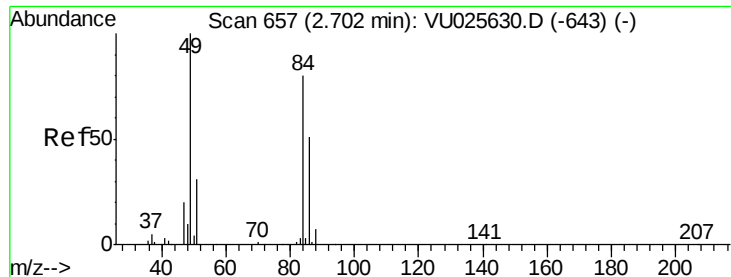
50000

0

Time-->

2.40 2.45 2.50 2.55

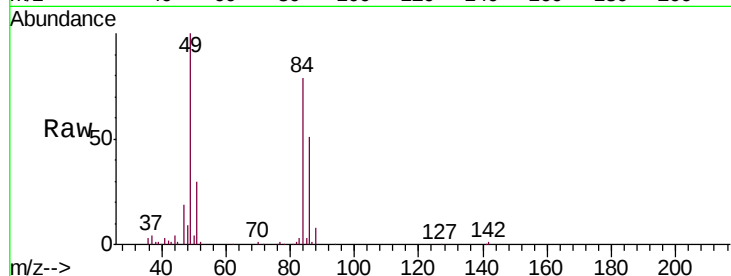




#15
Methylene Chloride
Concen: 9.200 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

Tgt Ion:	84	Resp:	94992
Ion	Ratio	Lower	Upper
84	100		
49	126.8	108.7	163.1
51	38.0	0.0	82.4
86	64.3	50.7	76.1



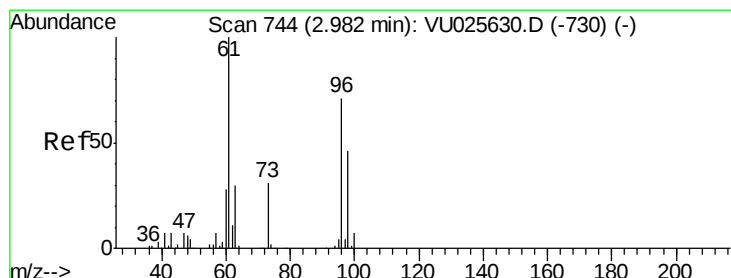
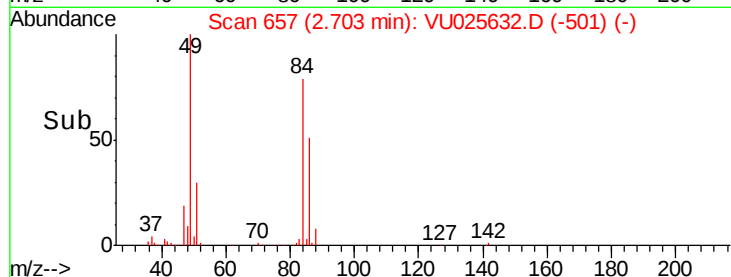
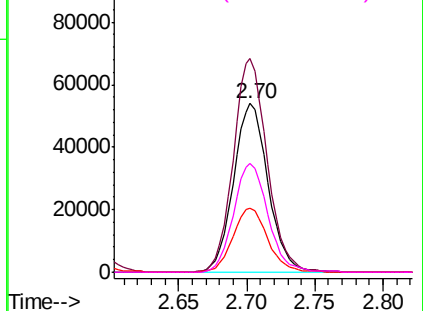
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

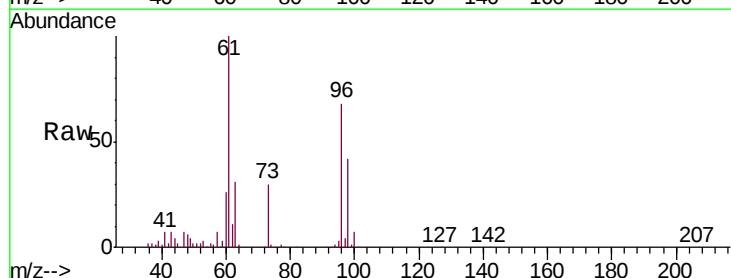
Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 10.002 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion:	96	Resp:	97131
Ion	Ratio	Lower	Upper
96	100		
61	146.5	123.9	185.9
98	62.2	50.6	76.0

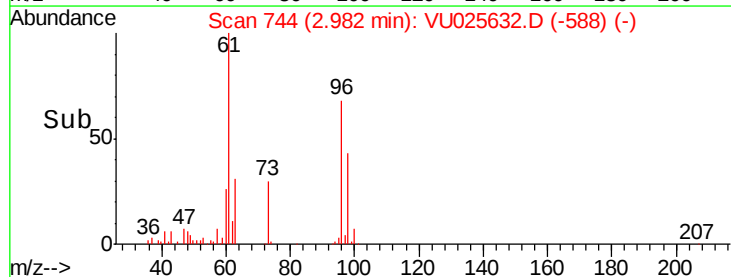
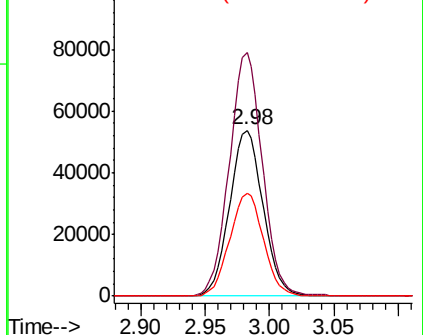


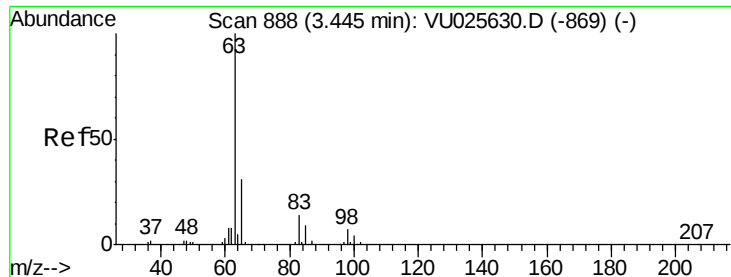
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

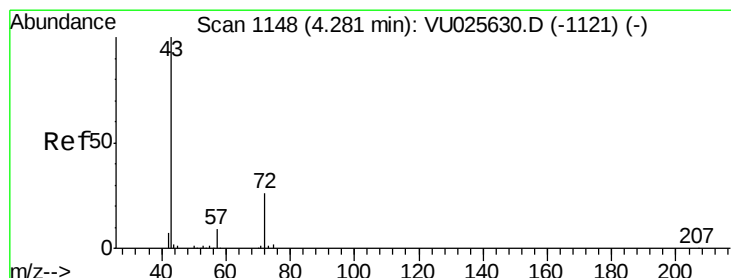
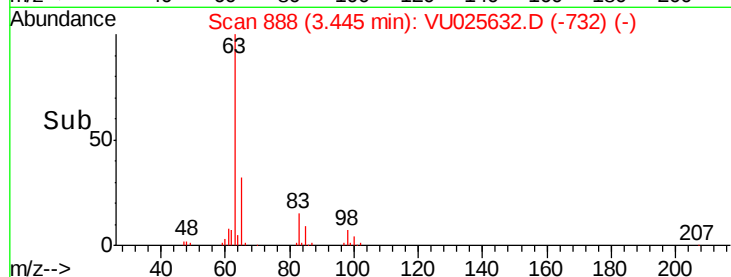
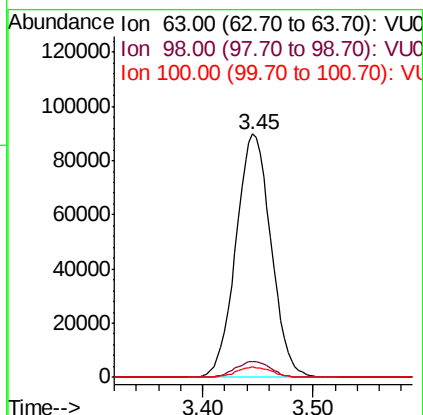
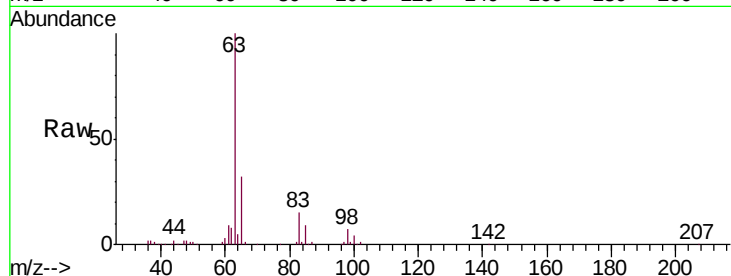




#17
 1,1-Dichloroethane
 Concen: 10.276 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

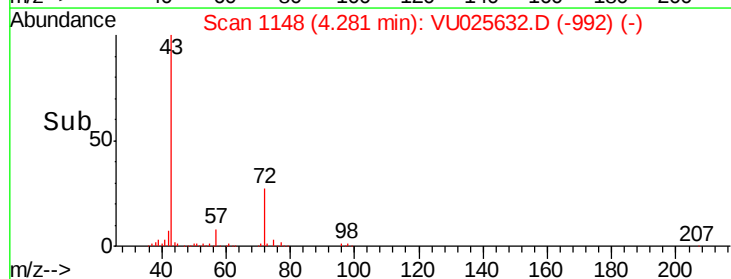
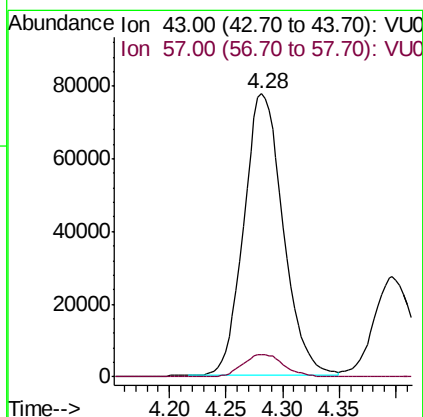
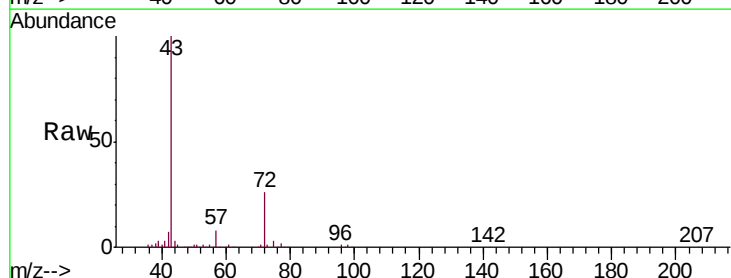
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

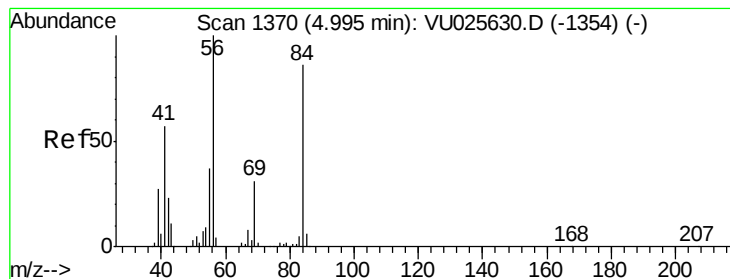
Tgt Ion: 63 Resp: 197937
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.8
 100 4.2 2.0 5.8



#18
 2-Butanone
 Concen: 65.256 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 43 Resp: 188039
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 15.8





#19

Cyclohexane

Concen: 10.426 ug/l

RT: 5.00 min Scan# 1370

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

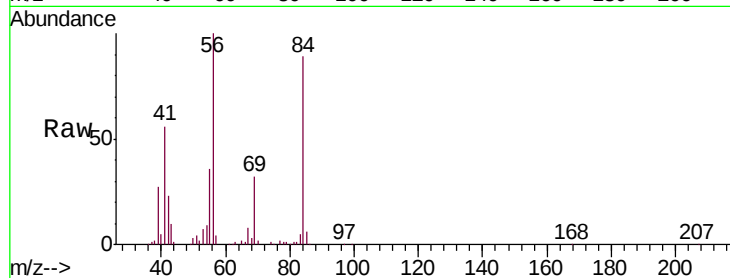
Tgt Ion: 56 Resp: 154844

Ion Ratio Lower Upper

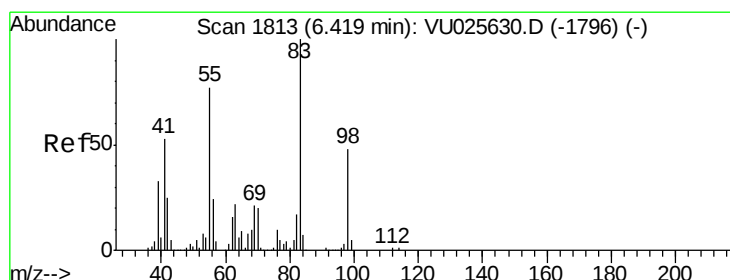
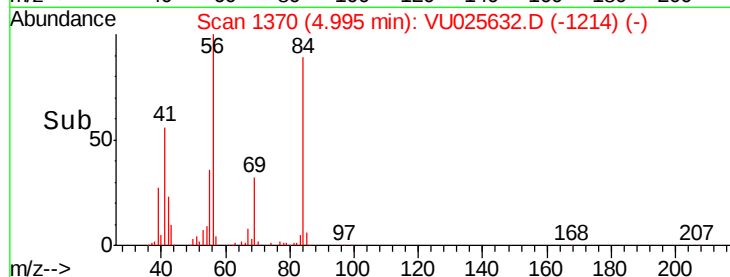
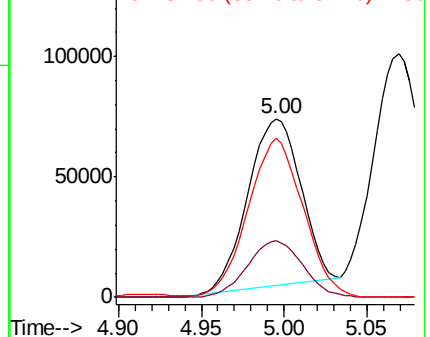
56 100

69 35.4 26.0 39.0

84 97.7 68.3 102.5



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



#20

Methylcyclohexane

Concen: 10.579 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

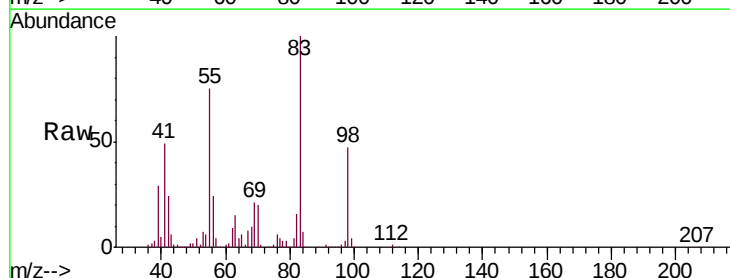
Tgt Ion: 83 Resp: 192731

Ion Ratio Lower Upper

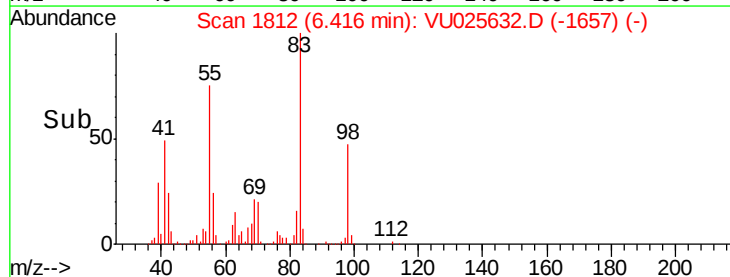
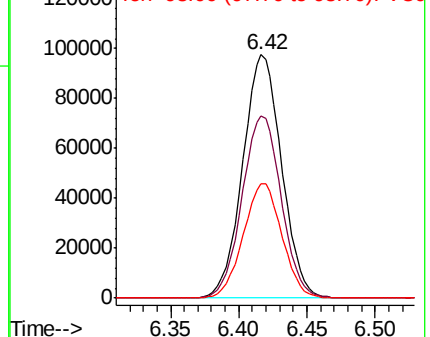
83 100

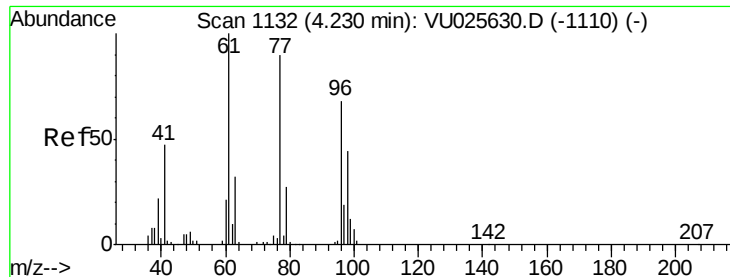
55 75.4 66.4 99.6

98 47.0 35.4 53.2



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





#21

2,2-Dichloropropane

Concen: 10.378 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

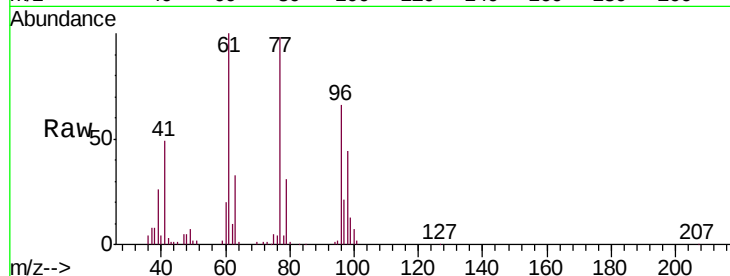
ICVVU072518

Tgt Ion: 77 Resp: 190573

Ion Ratio Lower Upper

77 100

97 21.9 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU025632.D (-976) (-)

Ion 97.00 (96.70 to 97.70): VU025632.D (-976) (-)

4.23

80000

60000

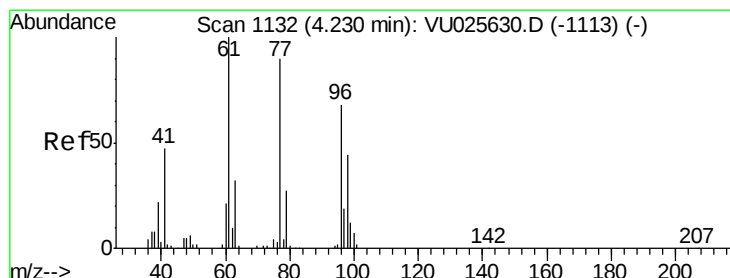
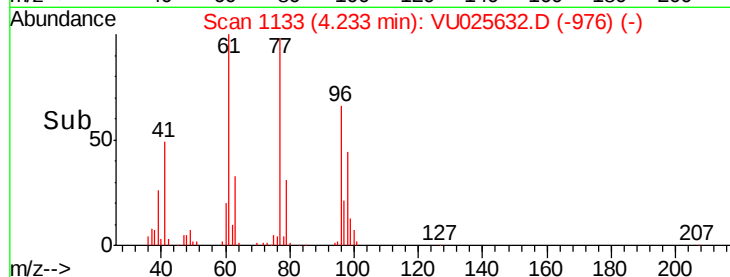
40000

20000

0

Time-->

4.10 4.20 4.30



#22

cis-1,2-Dichloroethene

Concen: 9.860 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

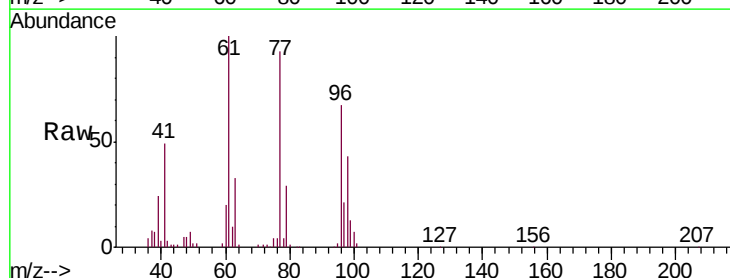
Tgt Ion: 96 Resp: 120554

Ion Ratio Lower Upper

96 100

61 150.3 0.0 400.5

98 64.7 32.2 96.6



Abundance Ion 96.00 (95.70 to 96.70): VU025632.D (-976) (-)

Ion 61.00 (60.70 to 61.70): VU025632.D (-976) (-)

Ion 98.00 (97.70 to 98.70): VU025632.D (-976) (-)

100000

80000

60000

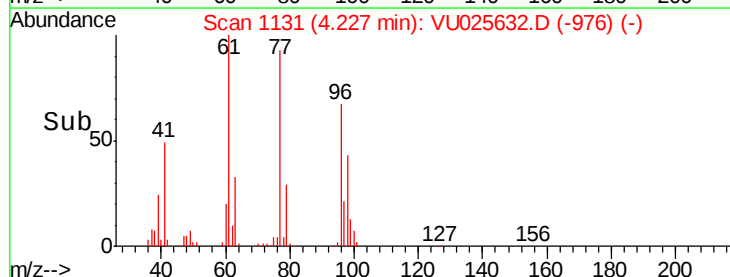
40000

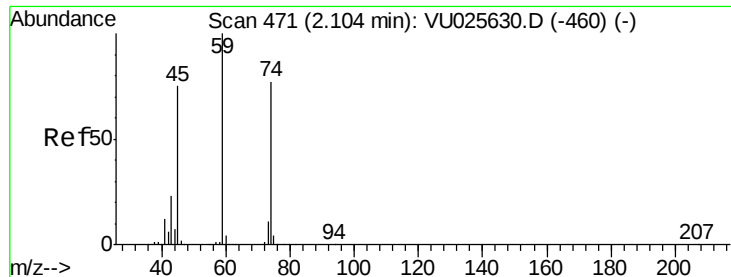
20000

0

Time-->

4.10 4.20 4.30

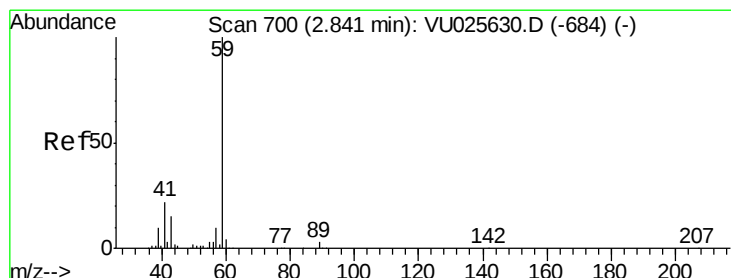
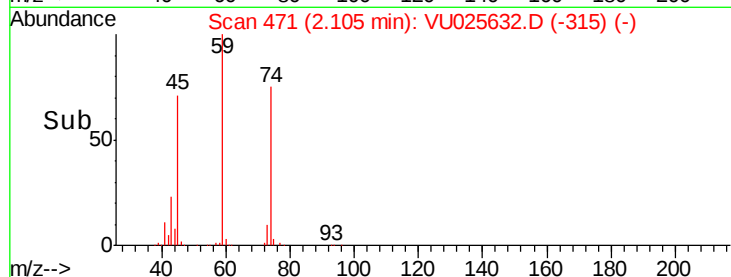
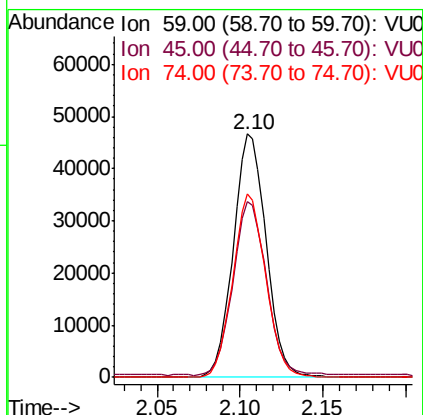
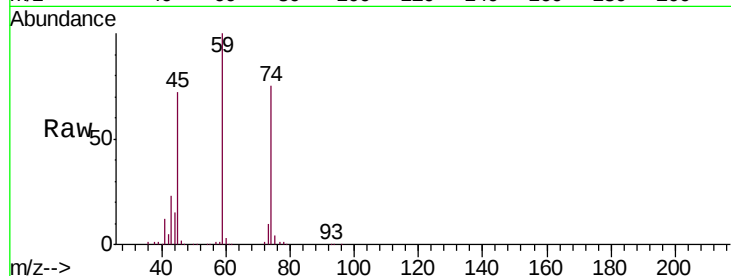




#23
Diethyl Ether
Concen: 9.789 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

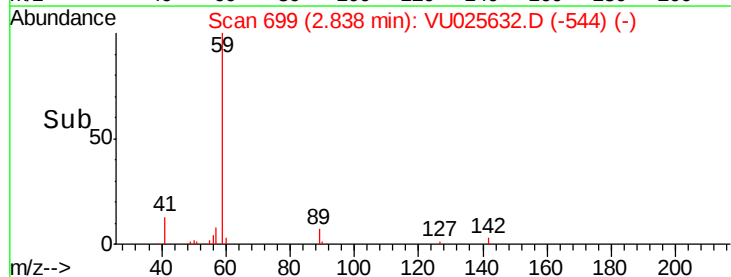
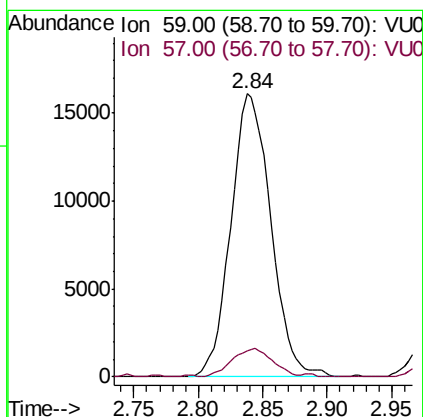
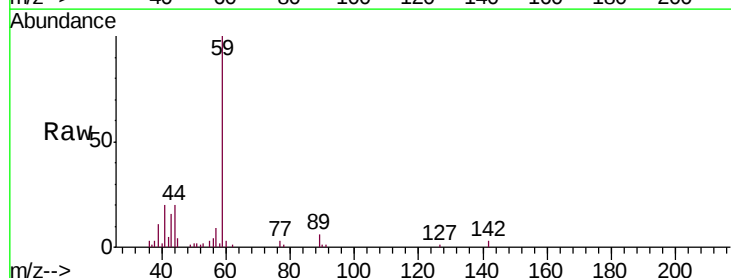
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

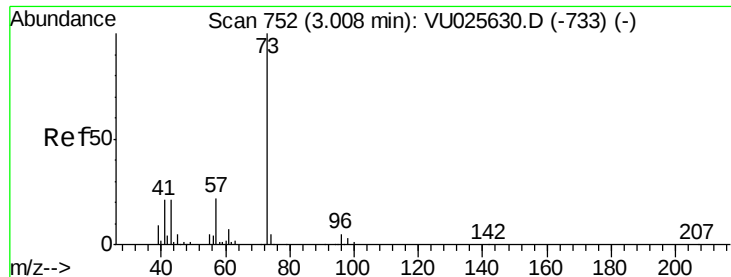
Tgt Ion: 59 Resp: 64218
Ion Ratio Lower Upper
59 100
45 72.4 60.0 90.0
74 75.5 56.5 84.7



#24
tert-Butyl Alcohol
Concen: 44.994 ug/l
RT: 2.84 min Scan# 699
Delta R.T. -0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion: 59 Resp: 34671
Ion Ratio Lower Upper
59 100
57 10.3 3.4 5.2#

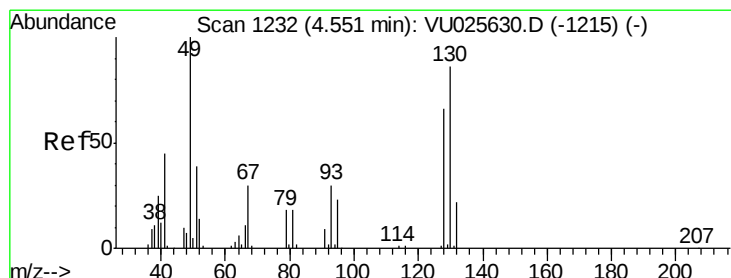
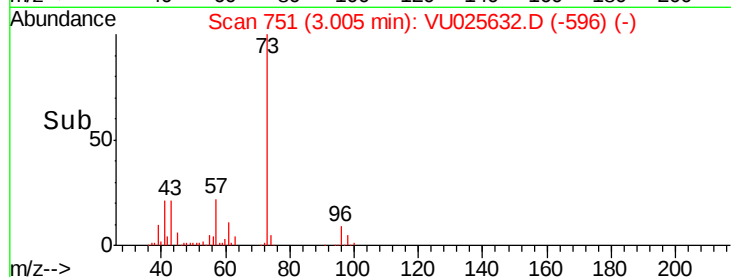
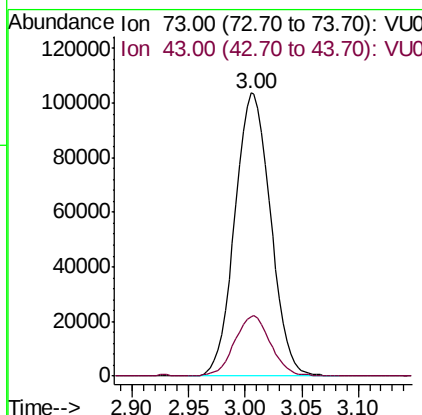
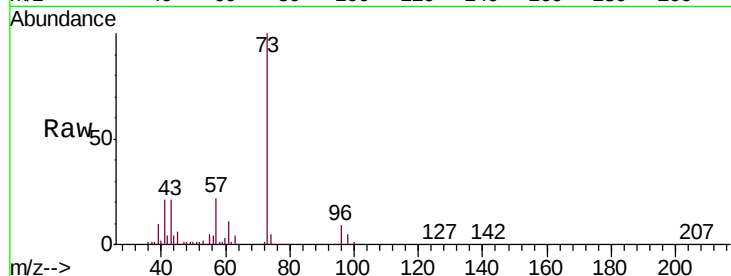




#25
Methyl tert-Butyl Ether
Concen: 9.759 ug/l
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

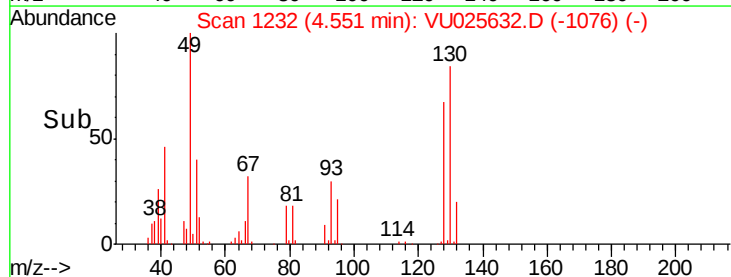
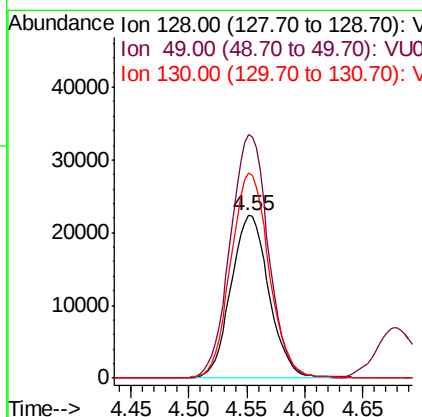
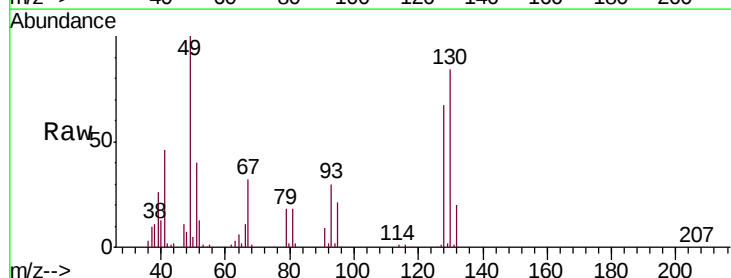
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

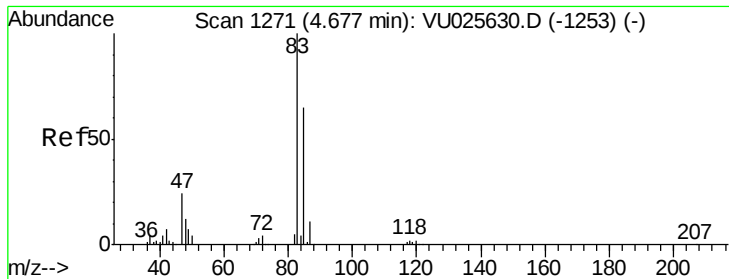
Tgt Ion: 73 Resp: 228587
Ion Ratio Lower Upper
73 100
43 21.1 16.2 24.2



#26
Bromochloromethane
Concen: 9.450 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion: 128 Resp: 50878
Ion Ratio Lower Upper
128 100
49 150.1 0.0 375.2
130 127.8 105.8 158.6





#27

Chloroform

Concen: 9.853 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

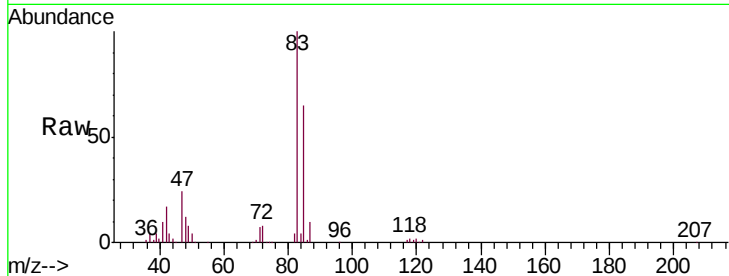
ICVVU072518

Tgt Ion: 83 Resp: 208552

Ion Ratio Lower Upper

83 100

85 64.8 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.68

100000

80000

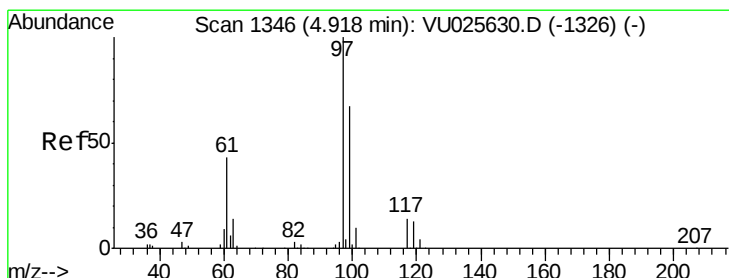
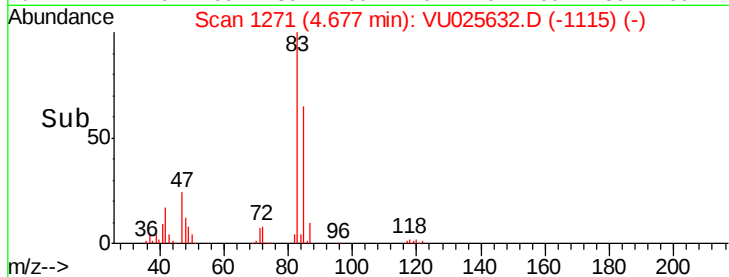
60000

40000

20000

0

Time-->



#28

1,1,1-Trichloroethane

Concen: 10.098 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

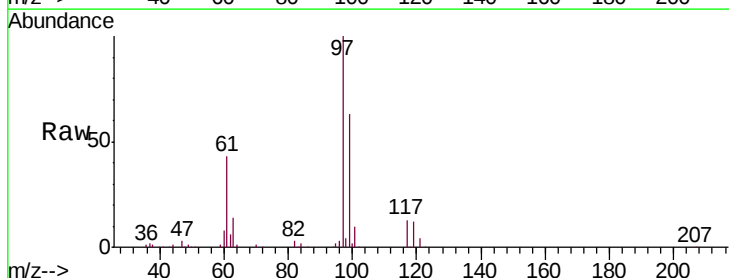
Tgt Ion: 97 Resp: 192768

Ion Ratio Lower Upper

97 100

99 63.7 32.3 96.9

61 43.0 23.2 69.5



Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

4.92

100000

80000

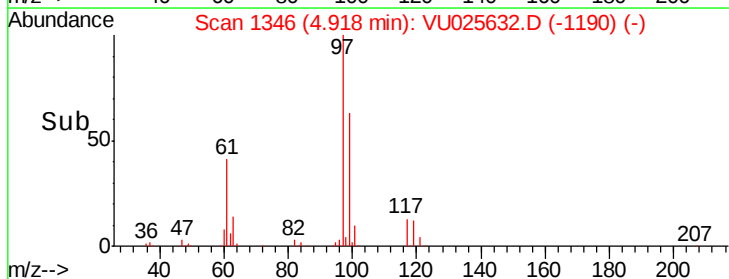
60000

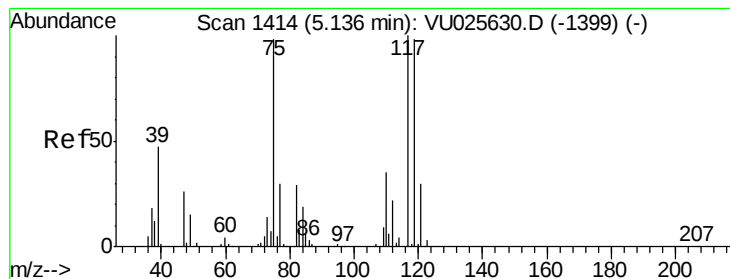
40000

20000

0

Time-->





#29

1,1-Dichloropropene

Concen: 10.364 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

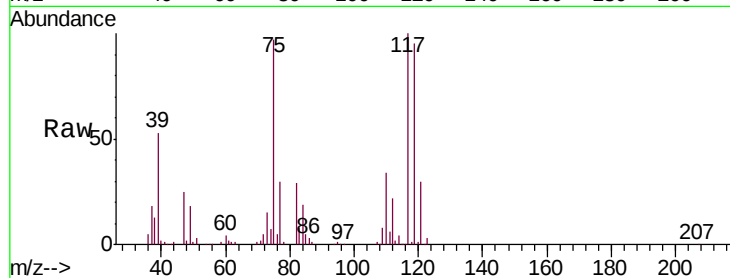
Tgt Ion: 75 Resp: 162259

Ion Ratio Lower Upper

75 100

110 35.9 16.9 50.7

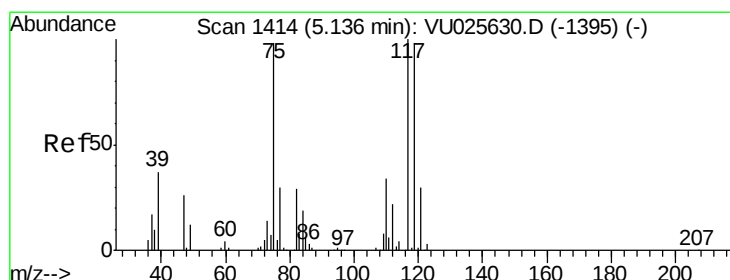
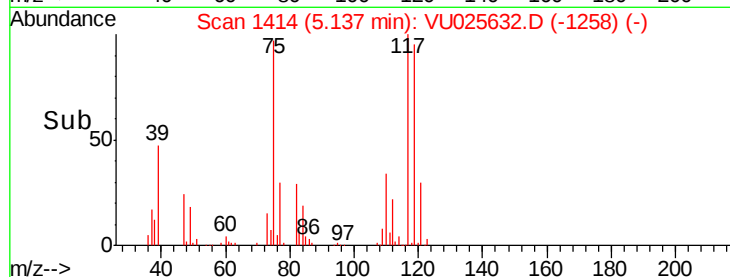
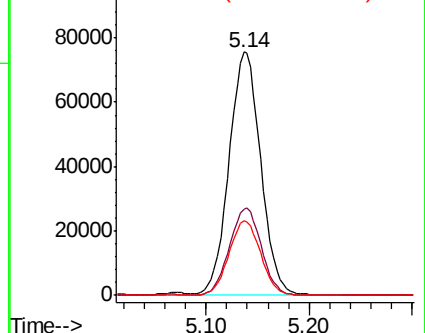
77 30.7 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU025632.D (-1258) (-)

Ion 110.00 (109.70 to 110.70): VU025632.D (-1258) (-)

Ion 77.00 (76.70 to 77.70): VU025632.D (-1258) (-)



#30

Carbon Tetrachloride

Concen: 10.160 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

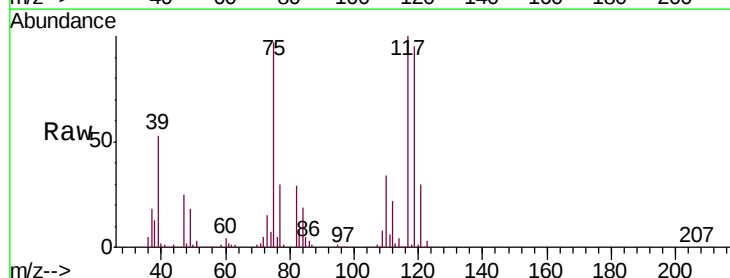
Tgt Ion: 117 Resp: 176129

Ion Ratio Lower Upper

117 100

119 94.5 77.3 115.9

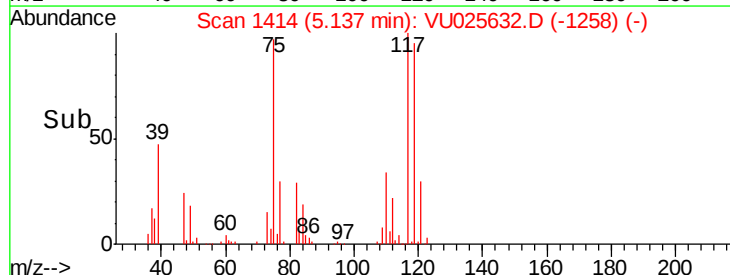
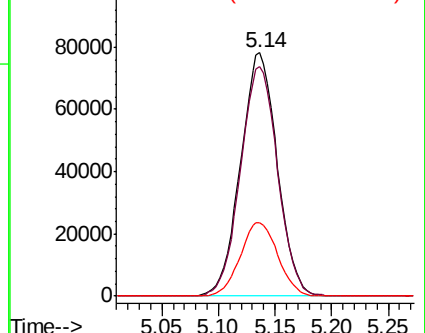
121 30.3 24.5 36.7

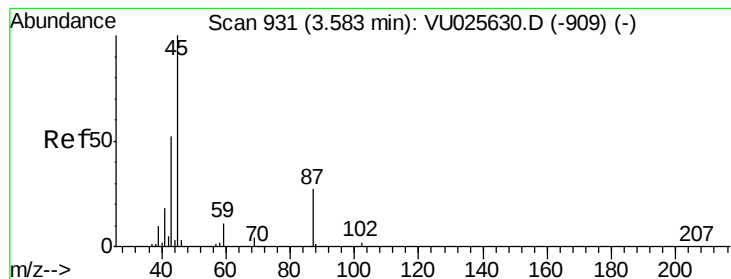


Abundance Ion 117.00 (116.70 to 117.70): VU025632.D (-1258) (-)

Ion 119.00 (118.70 to 119.70): VU025632.D (-1258) (-)

Ion 121.00 (120.70 to 121.70): VU025632.D (-1258) (-)





#31

Isopropyl Ether

Concen: 10.506 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

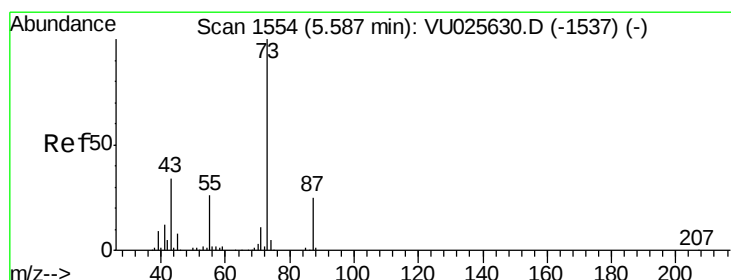
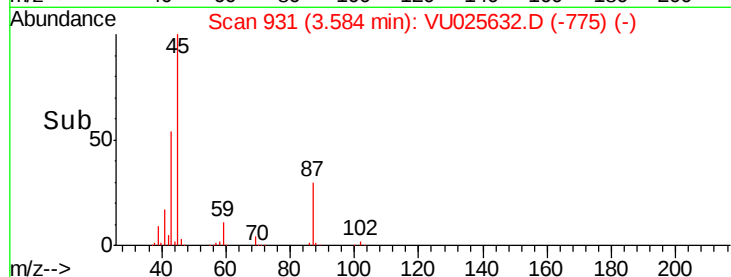
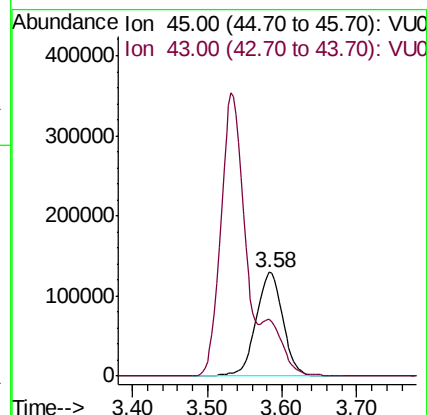
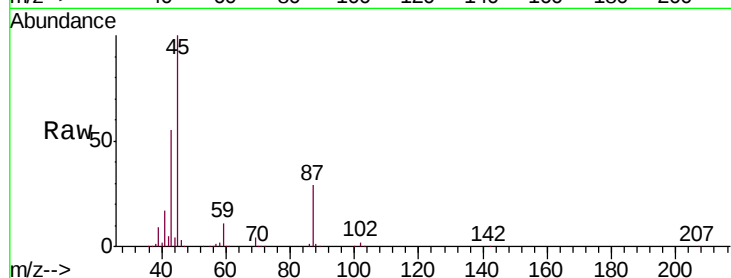
ICVVU072518

Tgt Ion: 45 Resp: 324204

Ion Ratio Lower Upper

45 100

43 235.3 24.0 72.0#



#33

Tert-Amyl methyl ether

Concen: 0.315 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. -0.20 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

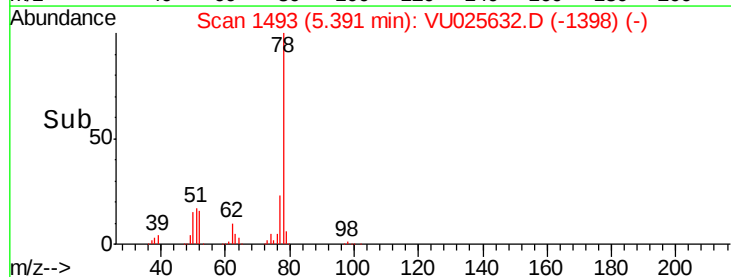
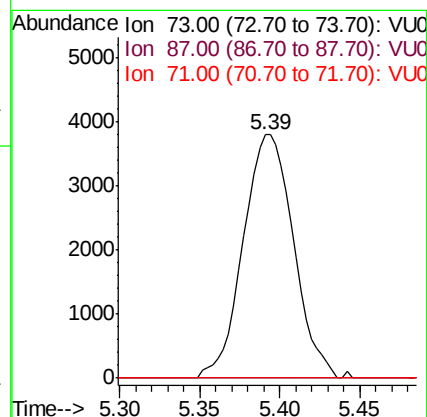
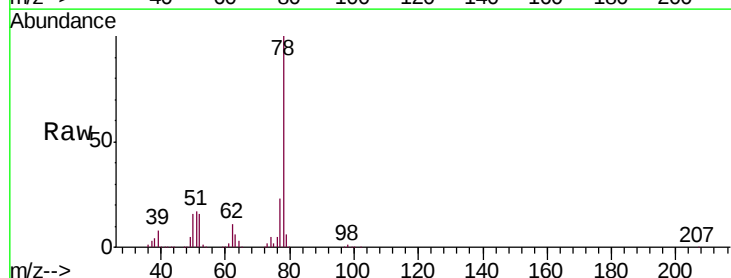
Tgt Ion: 73 Resp: 8160

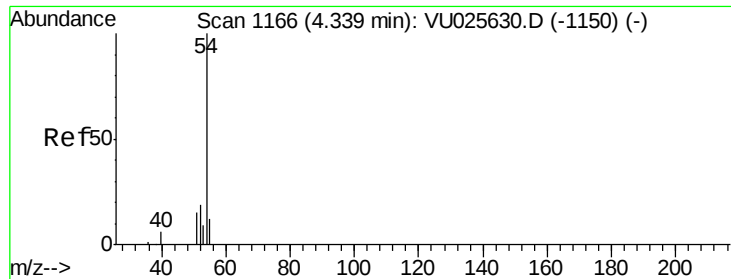
Ion Ratio Lower Upper

73 100

87 217.7 18.6 28.0#

71 0.0 9.3 13.9#

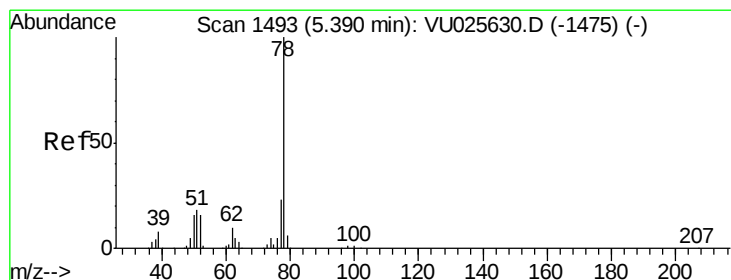
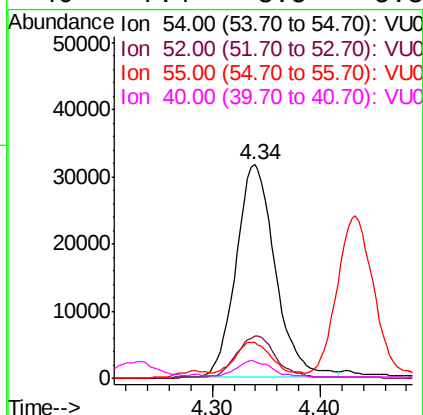
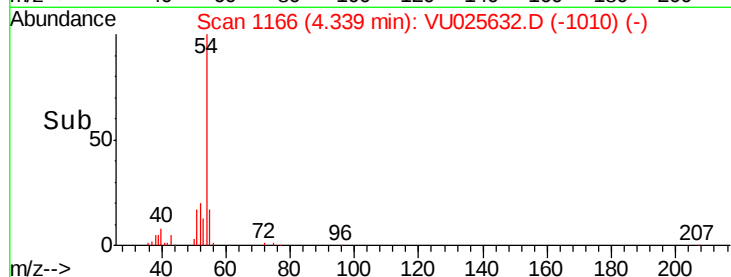
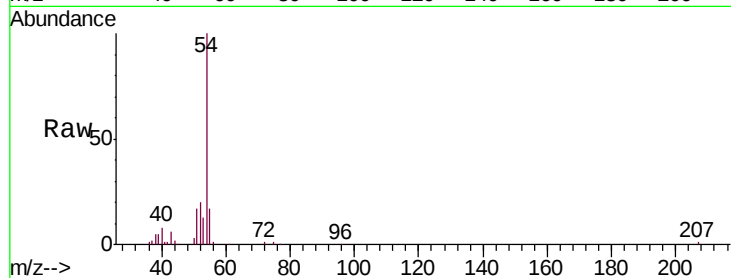




#34
 Propionitrile
 Concen: 99.509 ug/l
 RT: 4.34 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

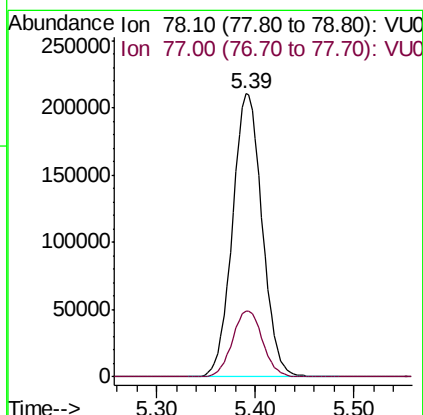
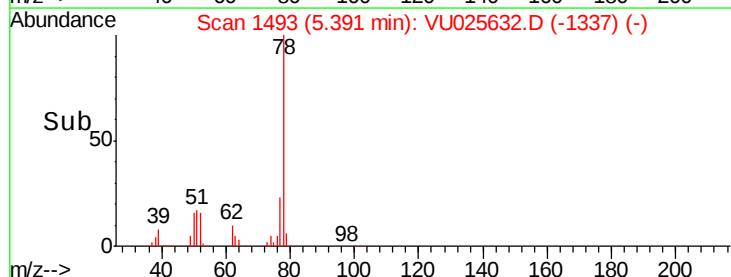
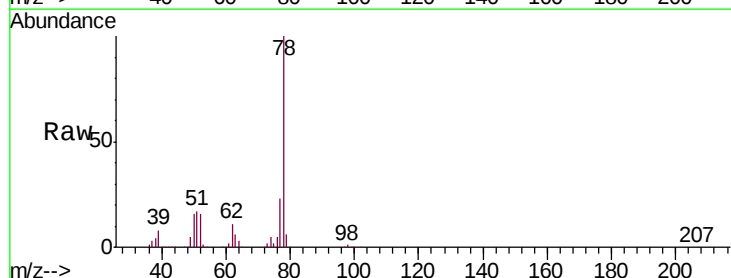
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

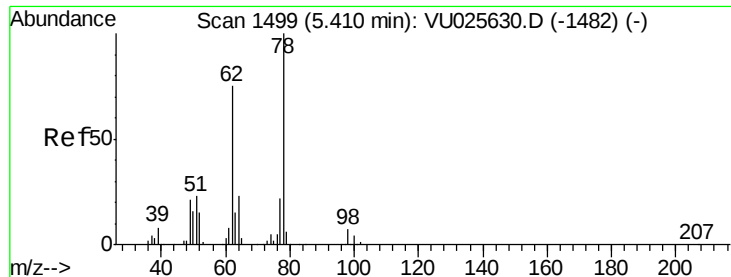
Tgt Ion: 54 Resp: 79671
 Ion Ratio Lower Upper
 54 100
 52 18.9 13.7 20.5
 55 17.0 10.2 15.2#
 40 7.4 3.5 5.3#



#35
 Benzene
 Concen: 10.066 ug/l
 RT: 5.39 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 78 Resp: 440595
 Ion Ratio Lower Upper
 78 100
 77 23.3 19.1 28.7

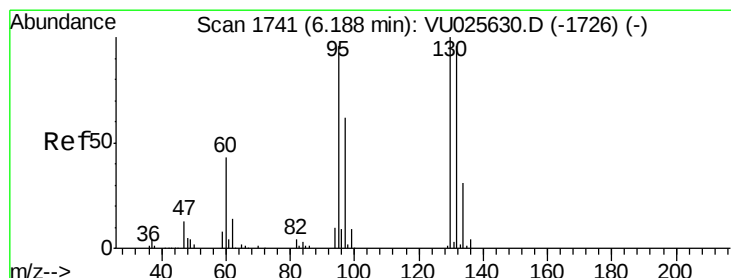
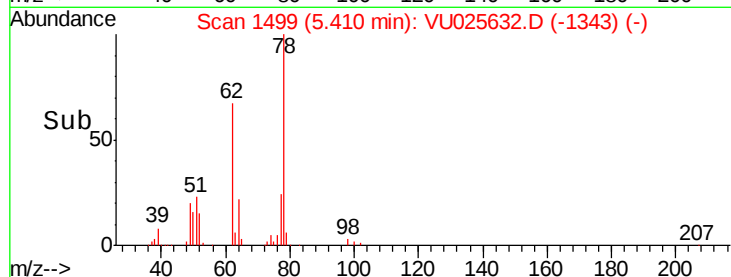
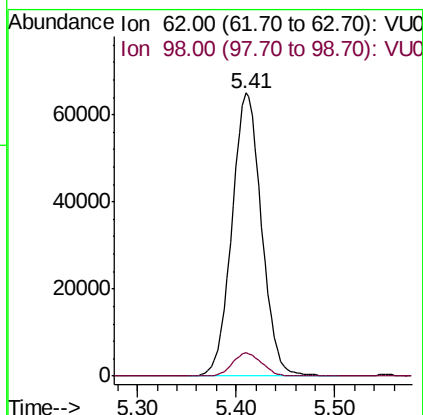
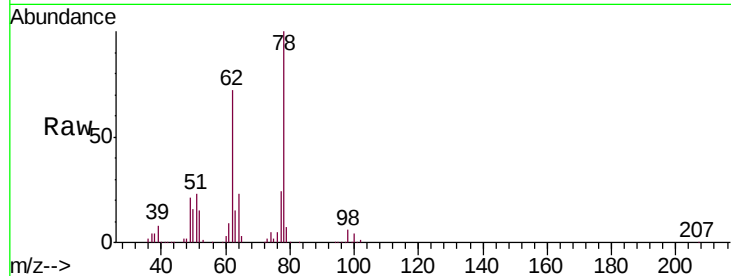




#36
 1,2-Dichloroethane
 Concen: 10.095 ug/l
 RT: 5.41 min Scan# 1499
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

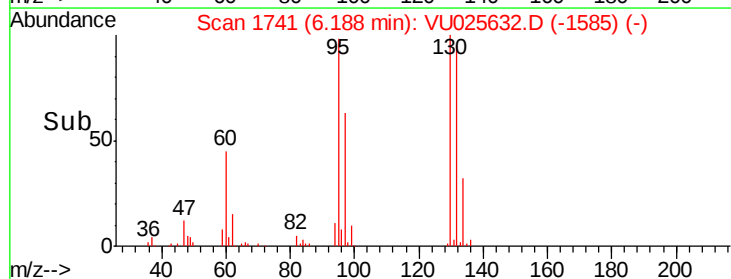
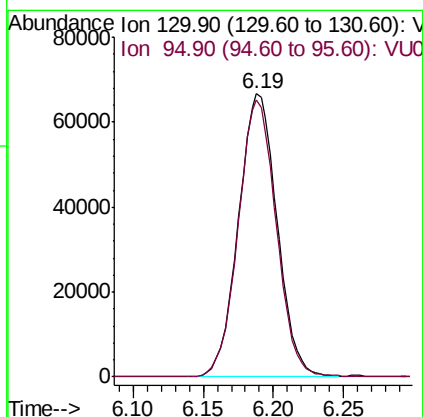
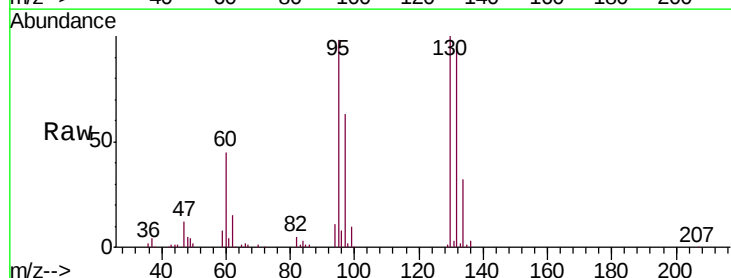
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

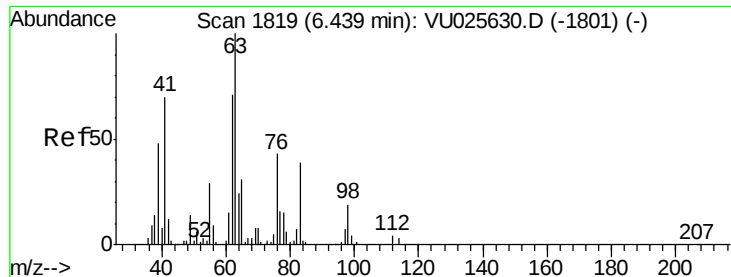
Tgt Ion: 62 Resp: 135636
 Ion Ratio Lower Upper
 62 100
 98 8.2 7.2 10.8



#37
 Trichloroethene
 Concen: 9.910 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 130 Resp: 127773
 Ion Ratio Lower Upper
 130 100
 95 97.7 77.9 116.9

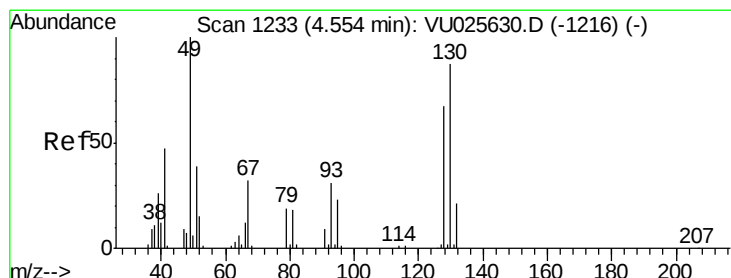
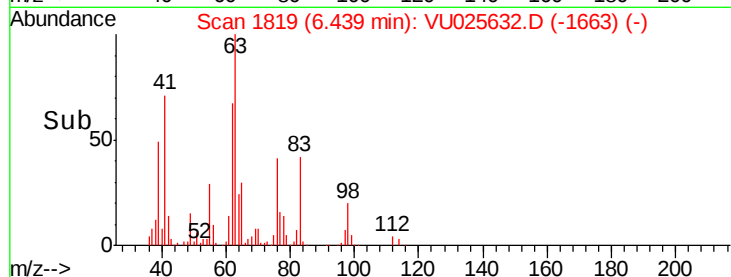
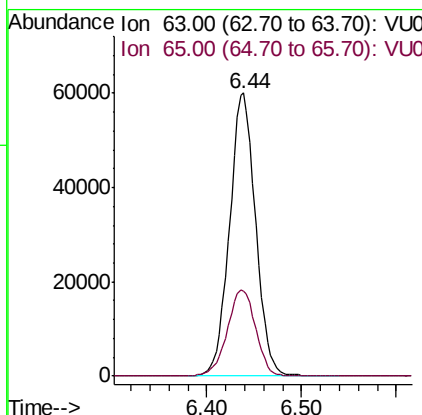
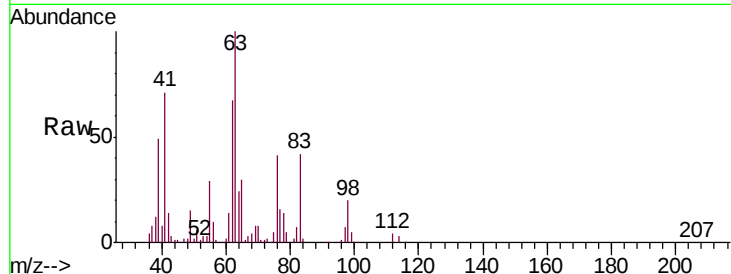




#38
 1,2-Dichloropropane
 Concen: 10.132 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

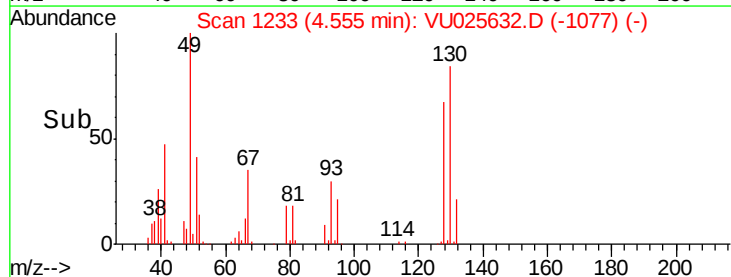
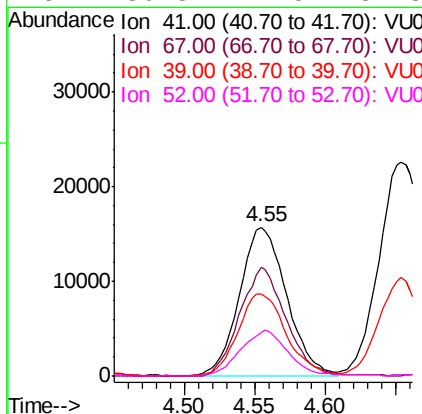
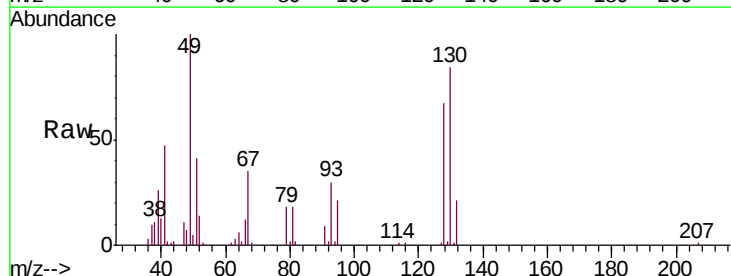
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

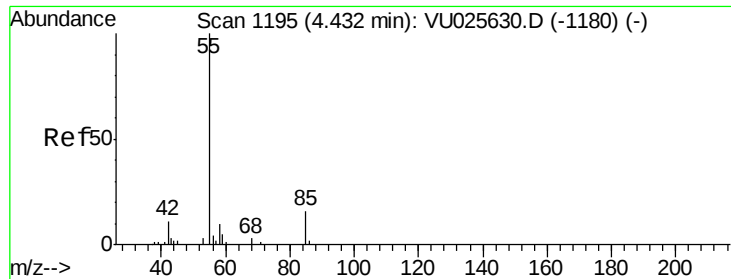
Tgt Ion: 63 Resp: 115071
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.8 38.8



#39
 Methacrylonitrile
 Concen: 9.989 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 41 Resp: 36819
 Ion Ratio Lower Upper
 41 100
 67 71.1 51.3 76.9
 39 56.6 40.6 60.8
 52 30.8 21.5 32.3

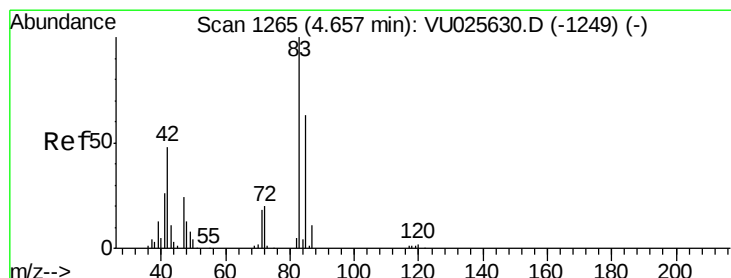
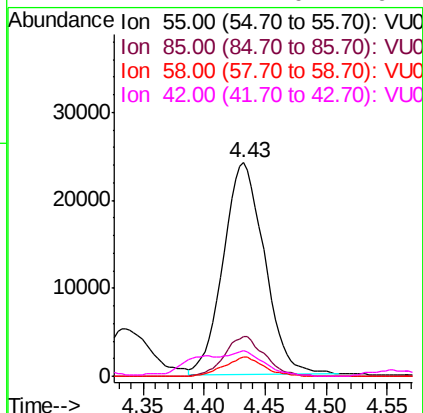
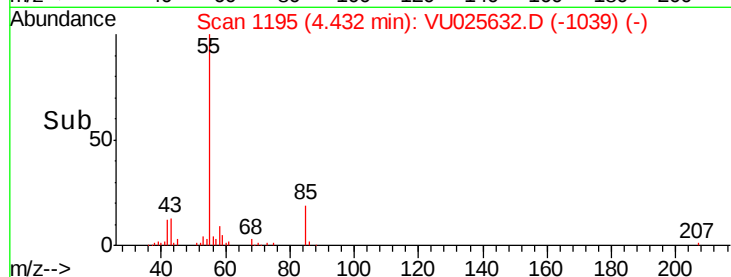
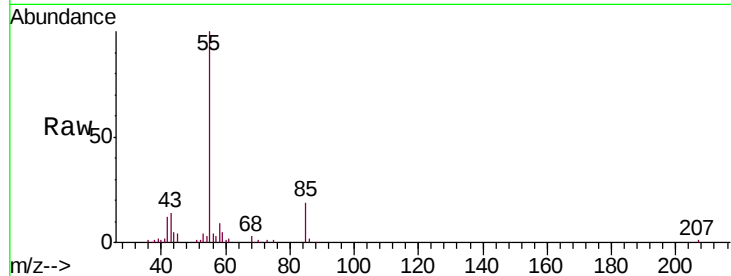




#40
Methyl acrylate
Concen: 10.213 ug/l
RT: 4.43 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

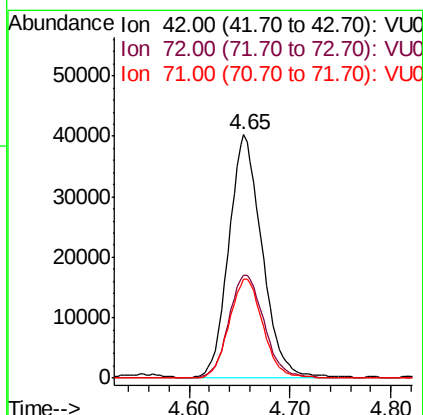
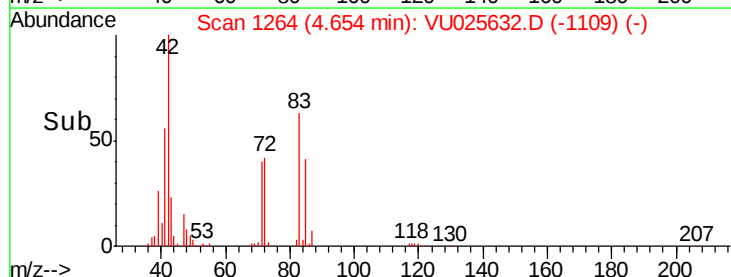
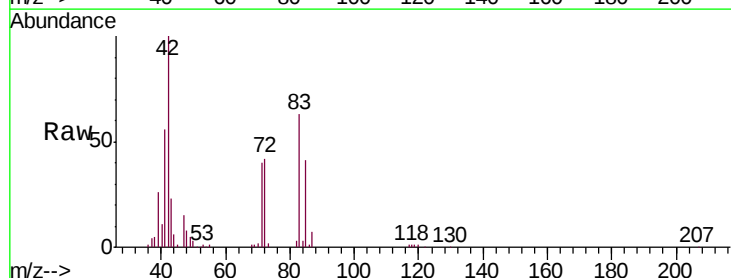
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

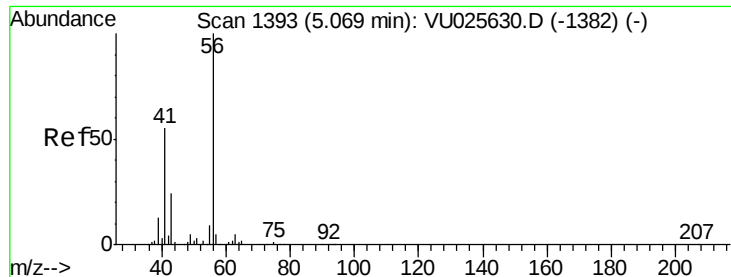
Tgt Ion:	55	Resp:	56773
Ion	Ratio	Lower	Upper
55	100		
85	18.2	12.3	18.5
58	8.6	7.0	10.6
42	7.2	7.0	10.4



#41
Tetrahydrofuran
Concen: 42.554 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion:	42	Resp:	92677
Ion	Ratio	Lower	Upper
42	100		
72	44.6	33.2	49.8
71	41.2	29.8	44.8

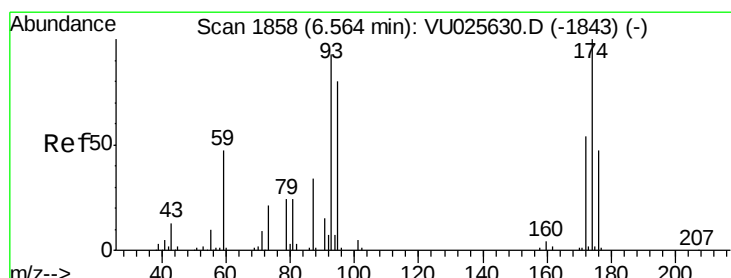
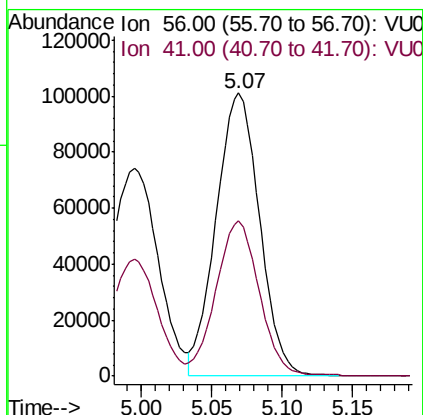
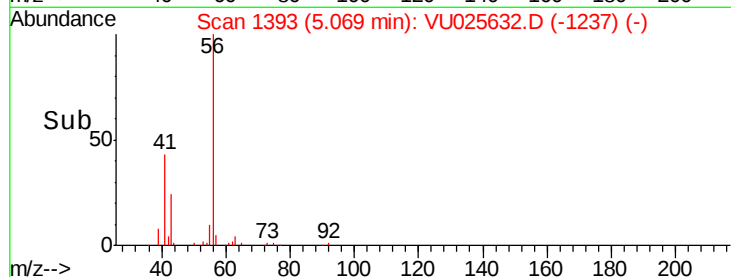
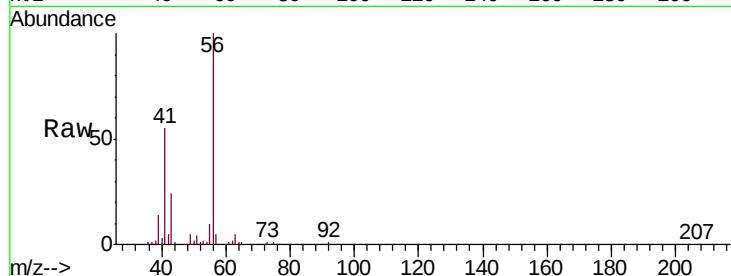




#42
1-Chlorobutane
Concen: 10.120 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

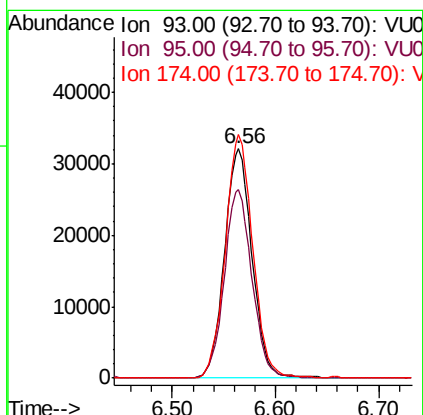
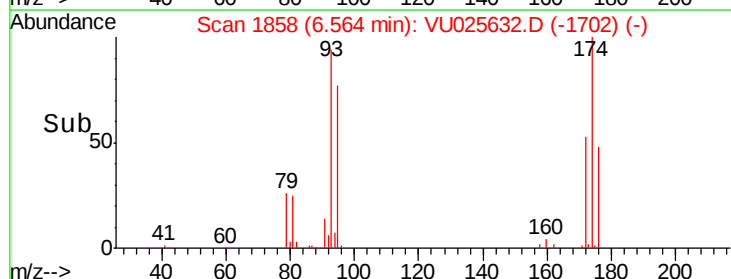
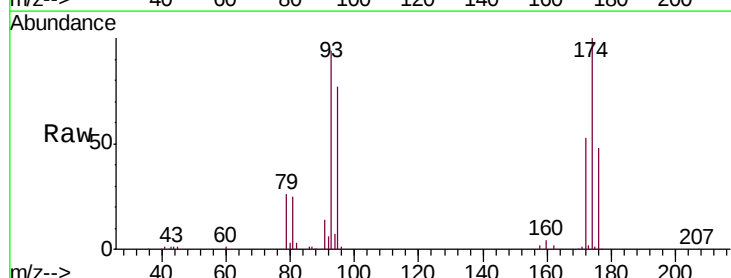
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

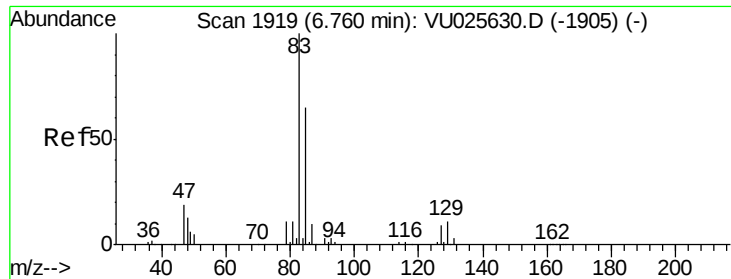
Tgt Ion: 56 Resp: 215965
Ion Ratio Lower Upper
56 100
41 54.3 27.5 82.5



#43
Dibromomethane
Concen: 10.103 ug/l
RT: 6.56 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion: 93 Resp: 59894
Ion Ratio Lower Upper
93 100
95 82.4 67.2 100.8
174 105.4 82.8 124.2





#44

Bromodichloromethane

Concen: 10.204 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

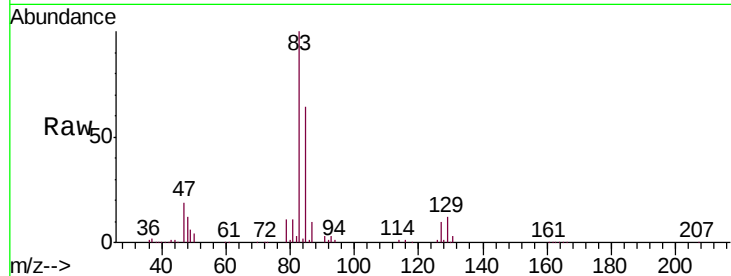
Tgt Ion: 83 Resp: 153298

Ion Ratio Lower Upper

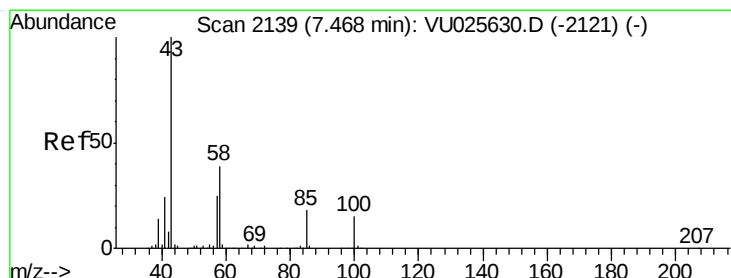
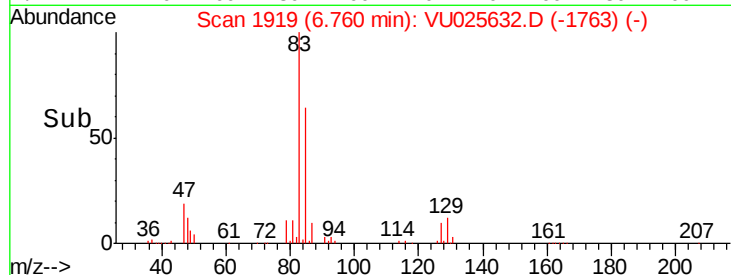
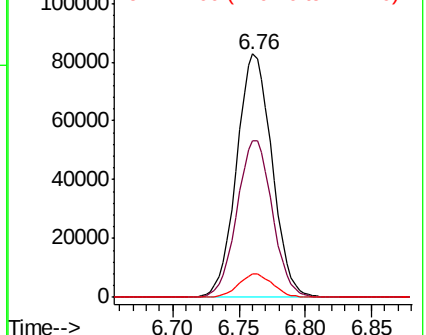
83 100

85 64.2 52.2 78.4

127 9.6 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V



#45

4-Methyl-2-Pentanone

Concen: 51.592 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

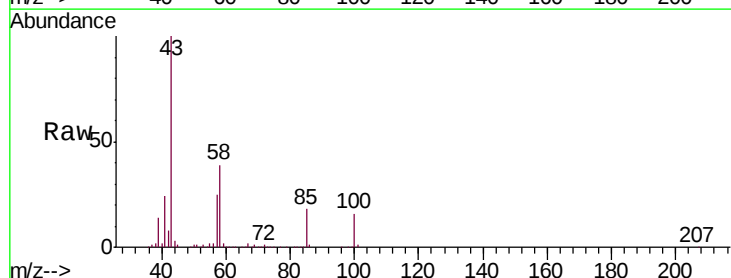
Tgt Ion: 43 Resp: 341115

Ion Ratio Lower Upper

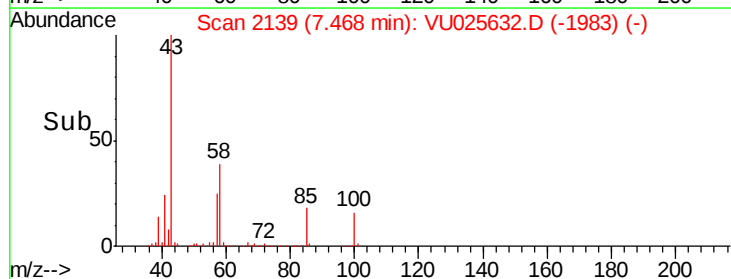
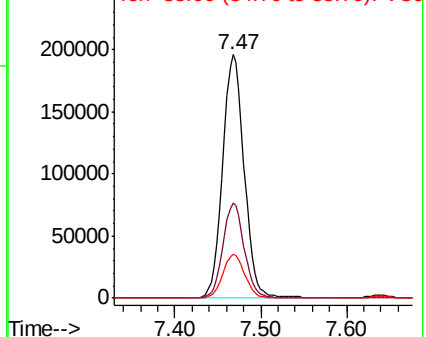
43 100

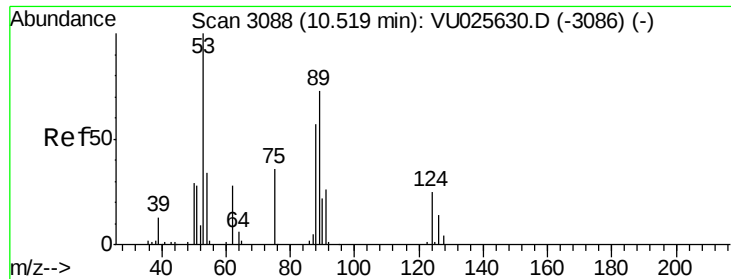
58 38.6 18.8 56.4

85 18.3 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

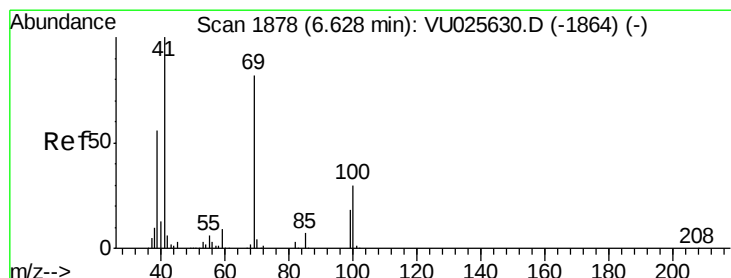
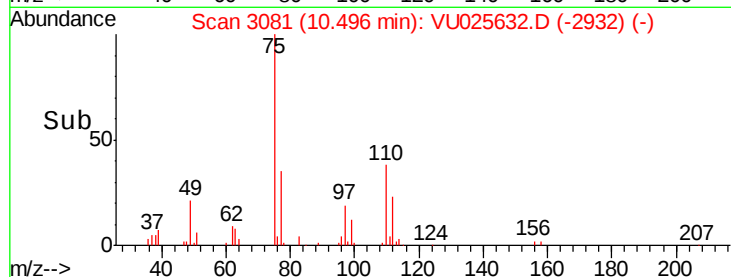
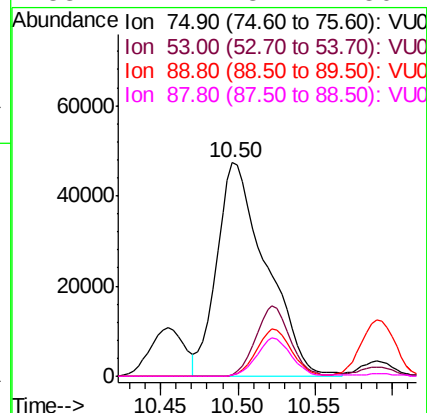
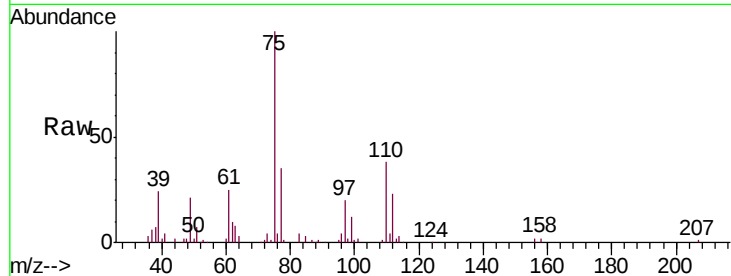




#46
t-1,4-Dichloro-2-butene
Concen: 36.060 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

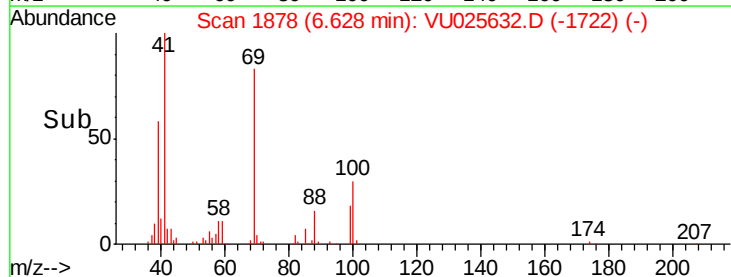
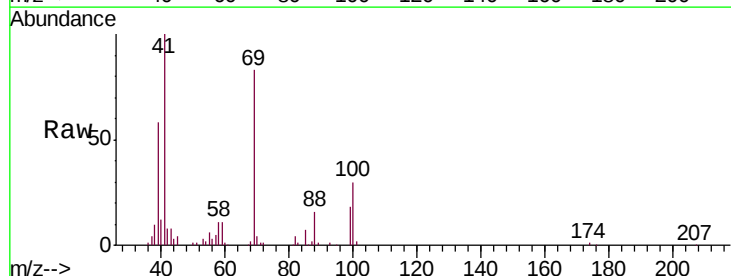
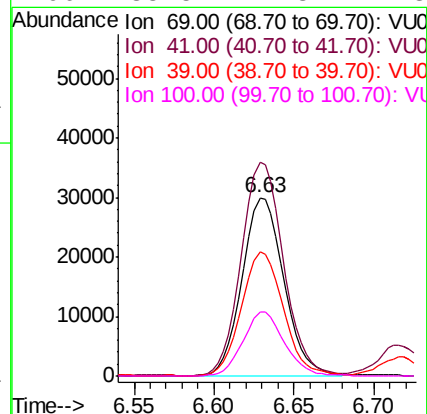
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

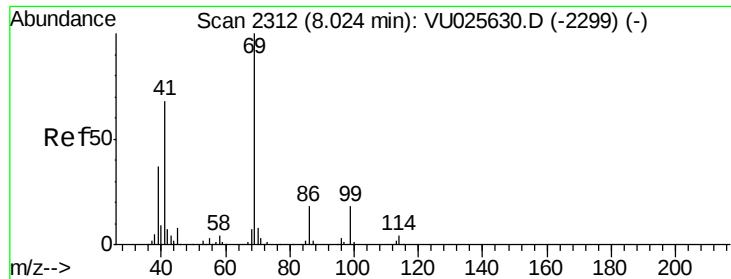
Tgt Ion: 75 Resp: 105078
Ion Ratio Lower Upper
75 100
53 22.8 82.2 123.4#
89 16.0 51.3 76.9#
88 12.7 37.4 56.2#



#47
Methyl methacrylate
Concen: 10.754 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion: 69 Resp: 53315
Ion Ratio Lower Upper
69 100
41 121.6 0.0 245.4
39 70.3 49.0 73.4
100 35.5 27.8 41.8

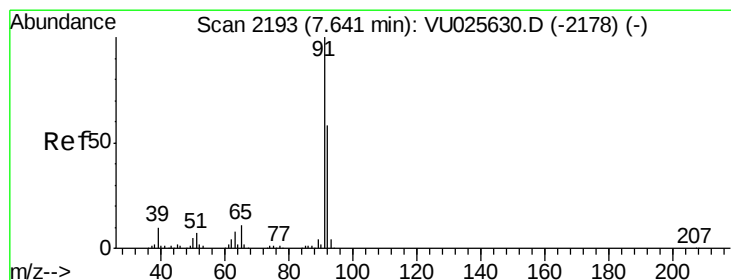
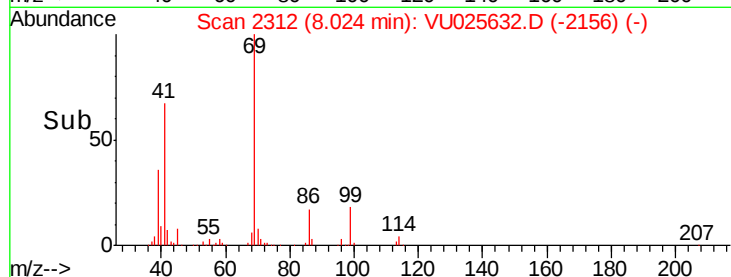
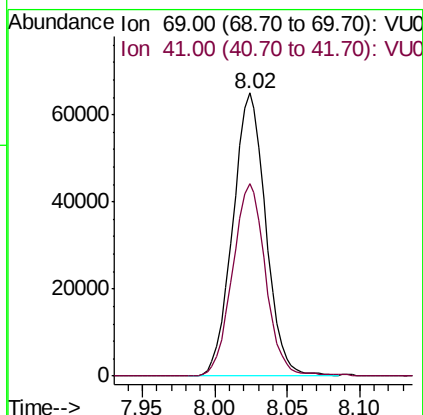
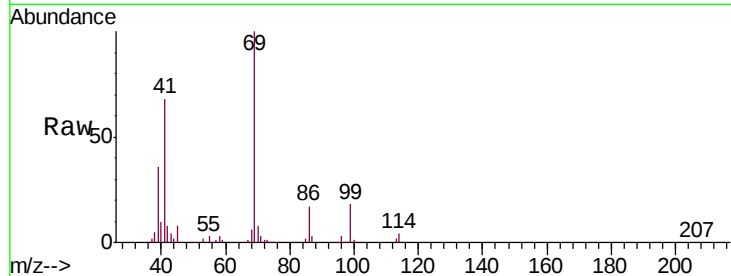




#48
 Ethyl methacrylate
 Concen: 10.292 ug/l
 RT: 8.02 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

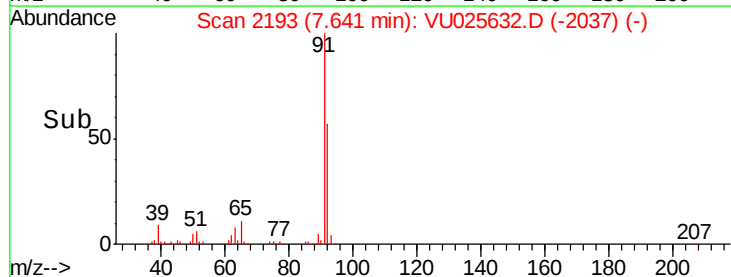
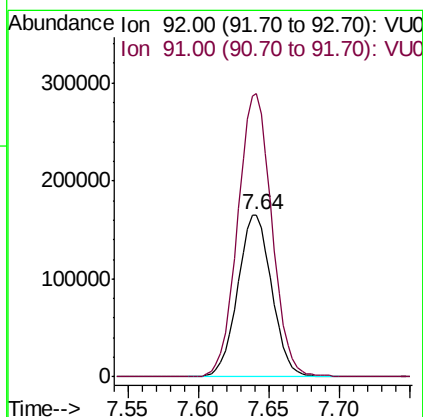
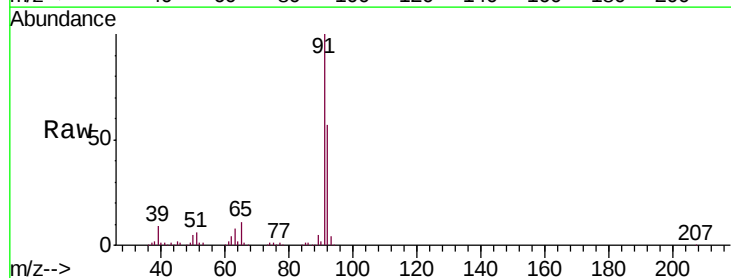
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

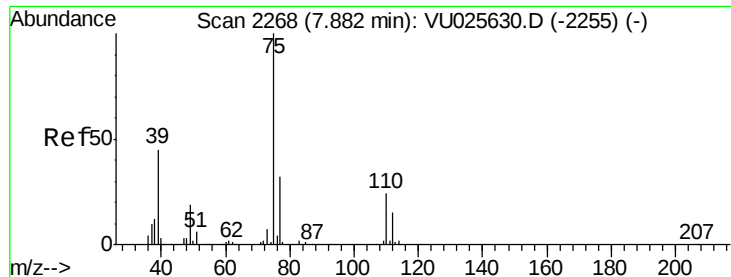
Tgt Ion: 69 Resp: 102504
 Ion Ratio Lower Upper
 69 100
 41 68.4 34.2 102.5



#49
 Toluene
 Concen: 10.475 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 92 Resp: 280199
 Ion Ratio Lower Upper
 92 100
 91 175.5 137.1 205.7





#50

t-1,3-Dichloropropene

Concen: 10.986 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

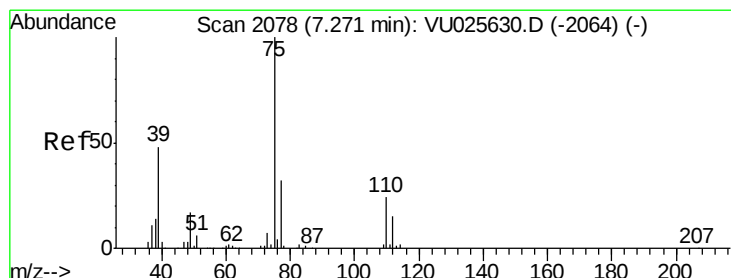
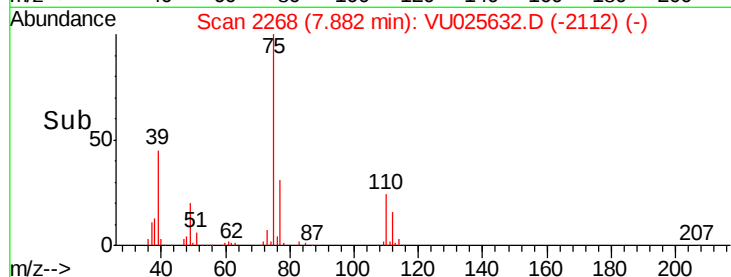
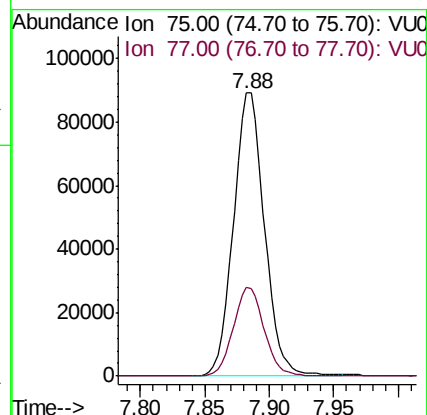
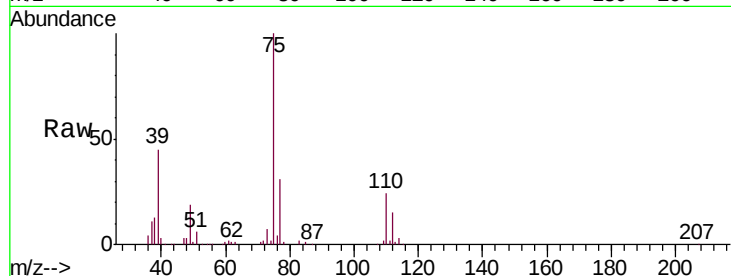
ICVVU072518

Tgt Ion: 75 Resp: 148982

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#51

cis-1,3-Dichloropropene

Concen: 10.544 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

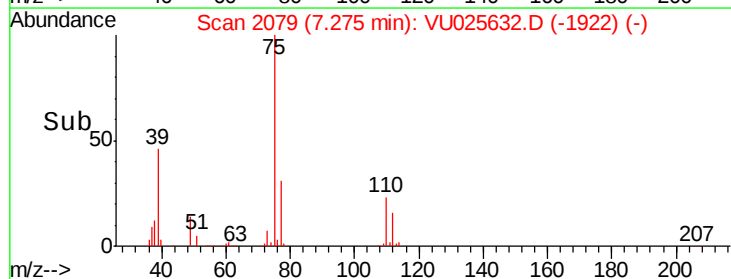
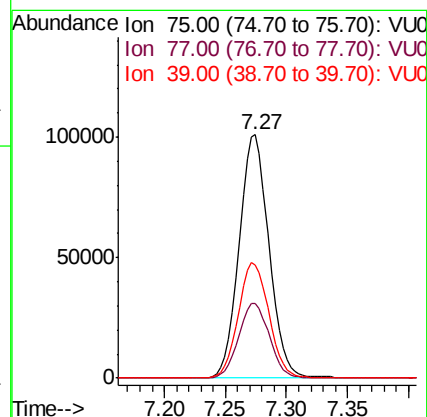
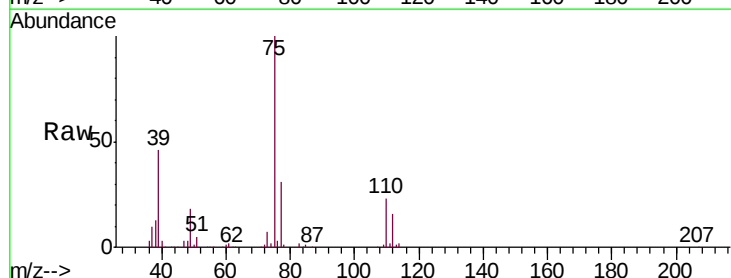
Tgt Ion: 75 Resp: 171304

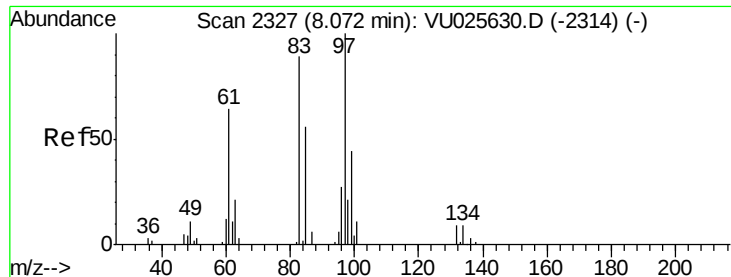
Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 46.5 36.4 54.6

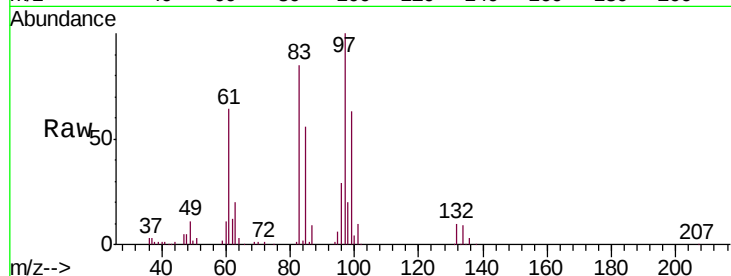




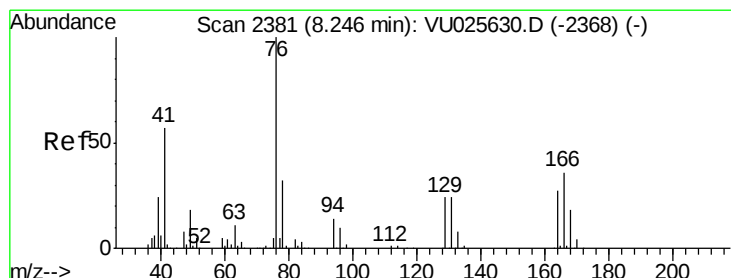
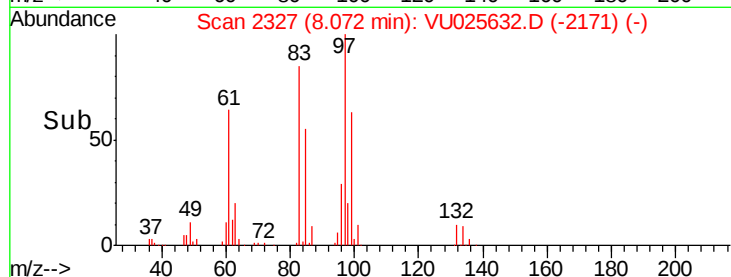
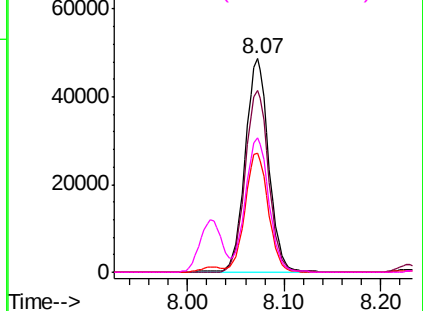
#52
 1,1,2-Trichloroethane
 Concen: 10.310 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

Tgt Ion: 97 Resp: 81943
 Ion Ratio Lower Upper
 97 100
 83 85.2 72.6 109.0
 85 55.8 47.2 70.8
 99 63.1 50.8 76.2

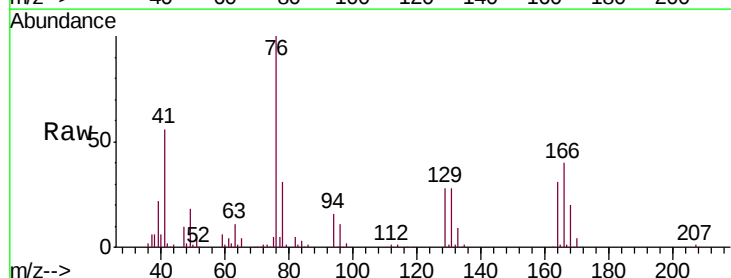


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

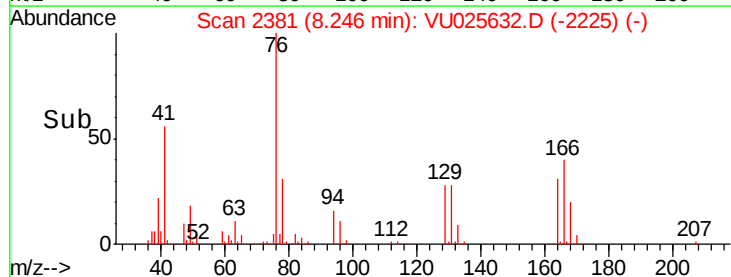
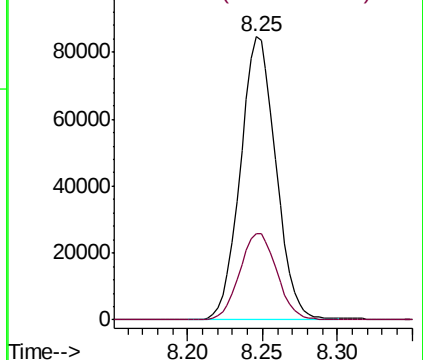


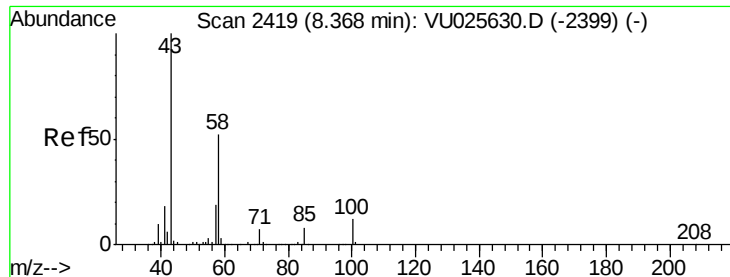
#53
 1,3-Dichloropropane
 Concen: 10.433 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 76 Resp: 139988
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0

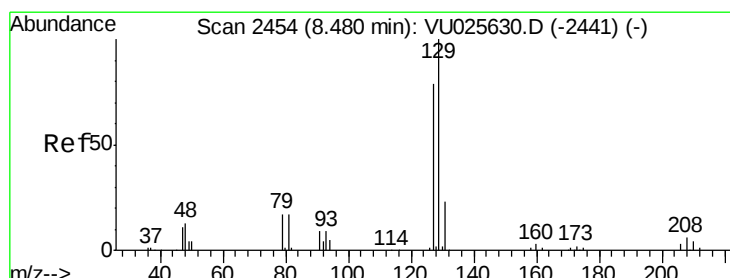
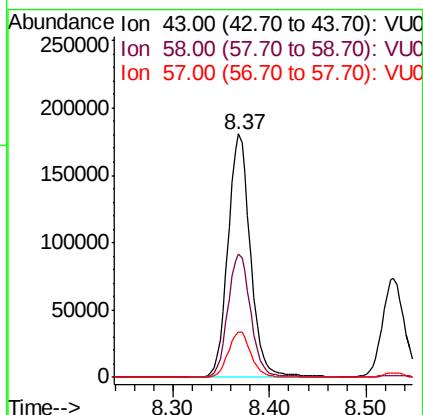
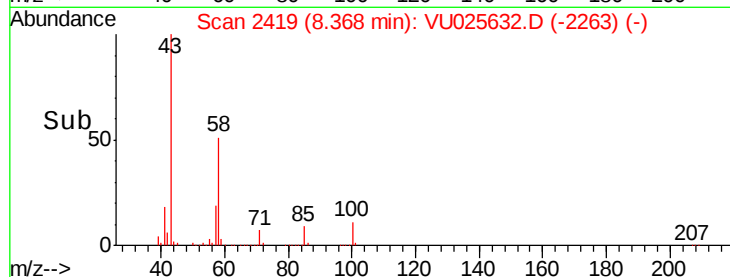
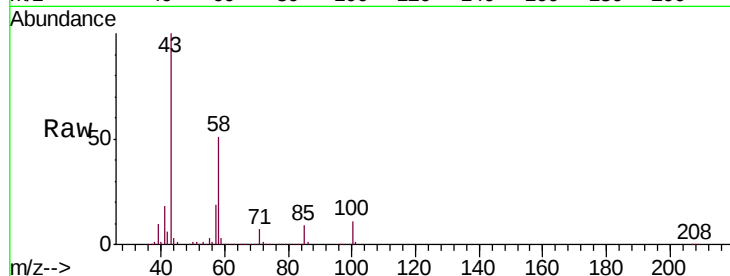




#54
2-Hexanone
Concen: 62.261 ug/l
RT: 8.37 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

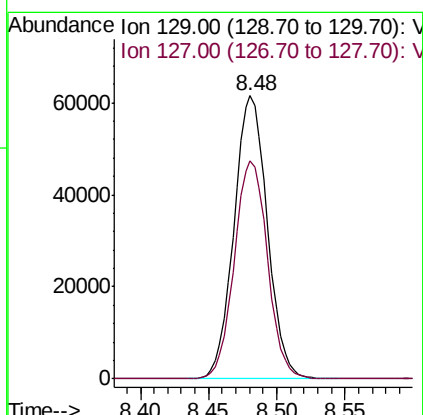
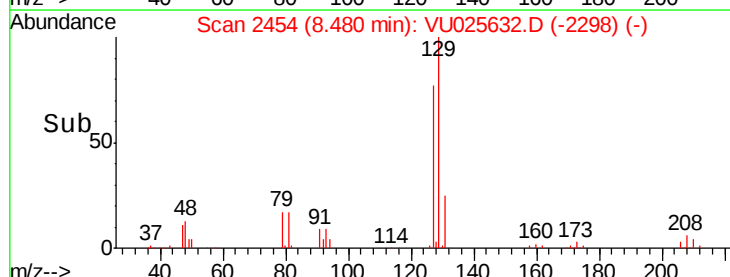
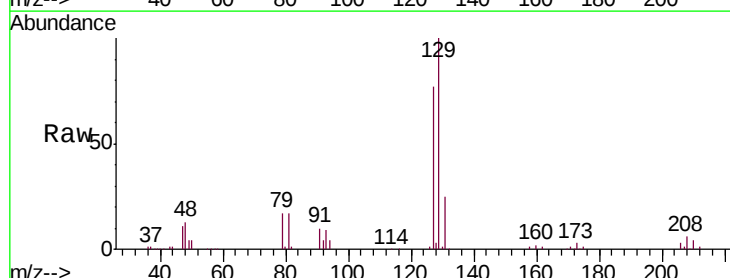
Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

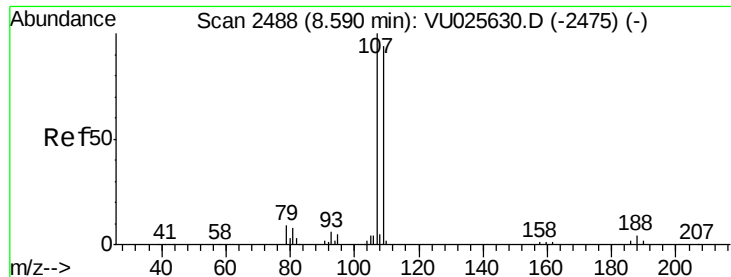
Tgt Ion: 43 Resp: 290710
Ion Ratio Lower Upper
43 100
58 52.1 32.5 72.5
57 19.1 0.0 37.9



#55
Dibromochloromethane
Concen: 10.347 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion: 129 Resp: 104564
Ion Ratio Lower Upper
129 100
127 76.8 61.1 91.7

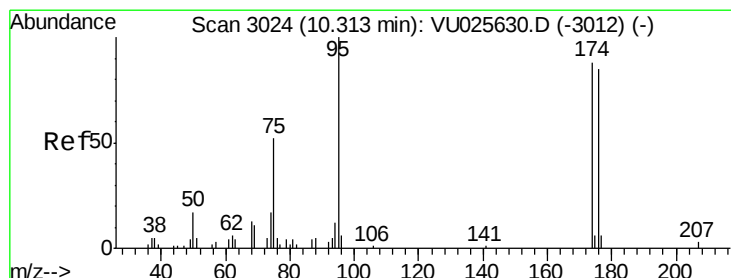
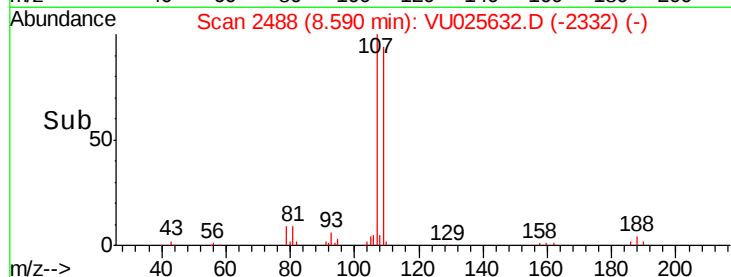
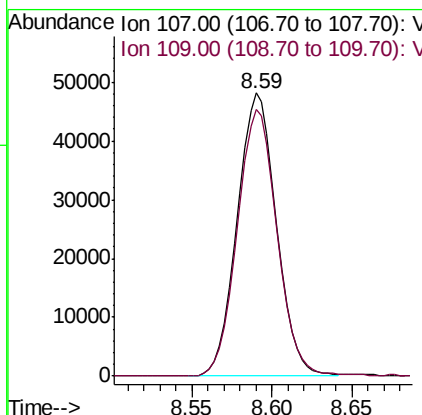
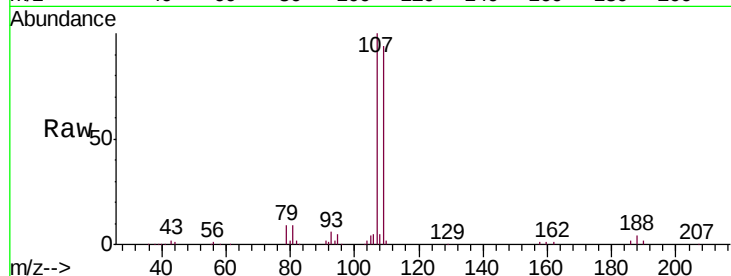




#56
 1,2-Dibromoethane
 Concen: 10.418 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

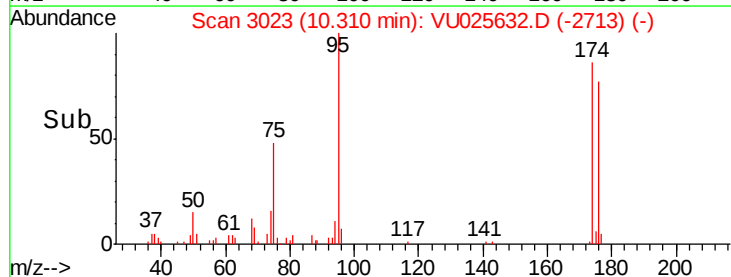
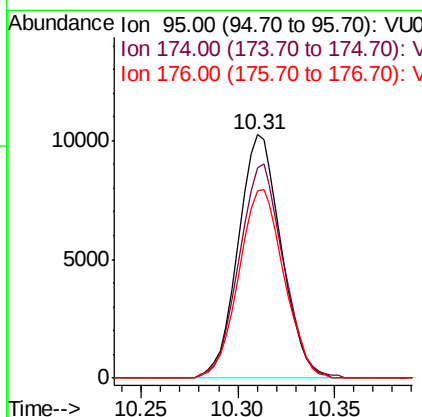
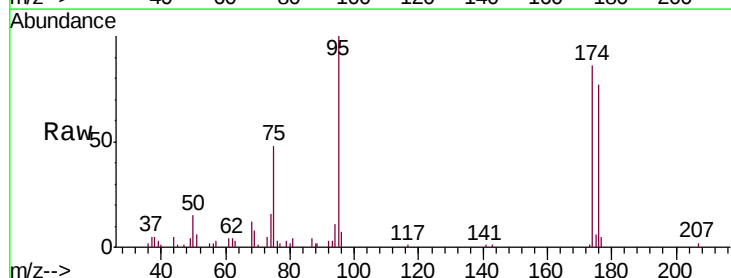
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

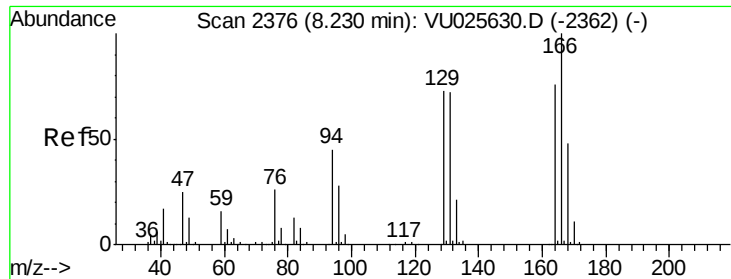
Tgt Ion: 107 Resp: 80129
 Ion Ratio Lower Upper
 107 100
 109 95.9 0.0 189.0



#57
 4-Bromofluorobenzene
 Concen: 10.418 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 95 Resp: 15840
 Ion Ratio Lower Upper
 95 100
 174 90.6 65.6 98.4
 176 81.2 62.0 93.0

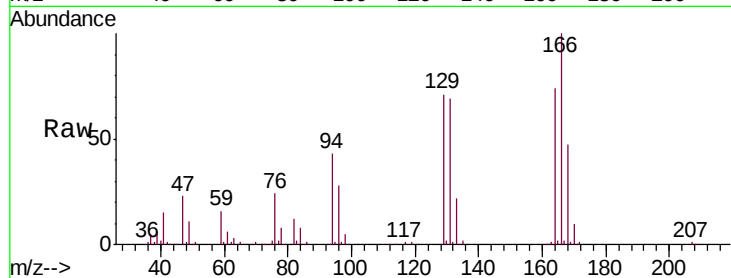




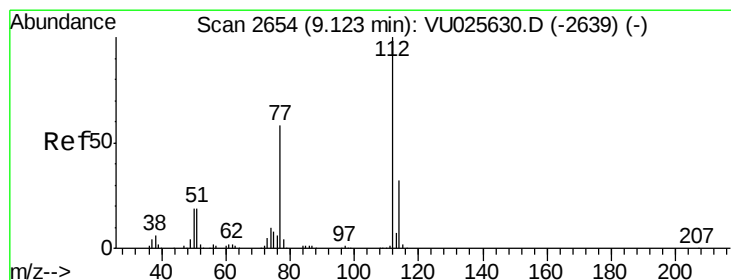
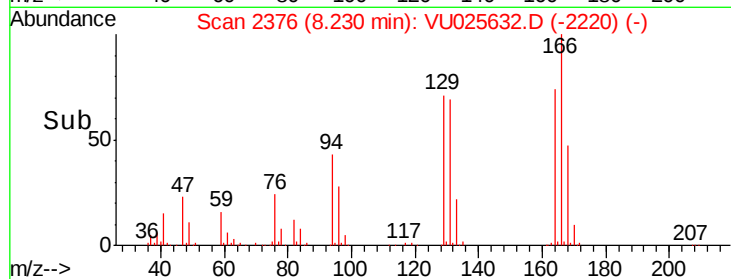
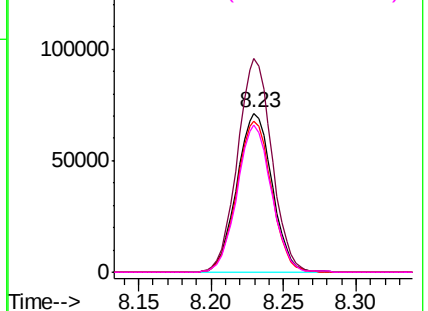
#58
Tetrachloroethene
Concen: 10.410 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

Tgt Ion:164 Resp: 120635
Ion Ratio Lower Upper
164 100
166 134.3 104.1 156.1
129 95.1 76.8 115.2
131 92.3 72.6 108.8

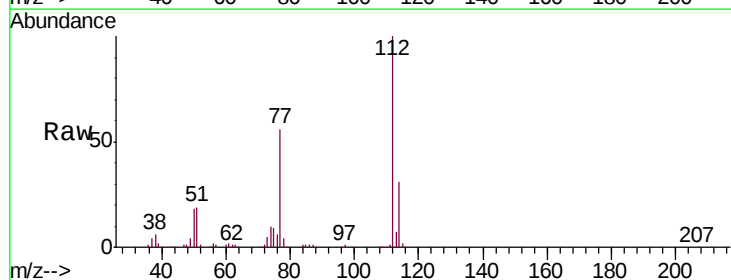


Abundance Ion 163.85 (163.55 to 164.55): V
150000
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

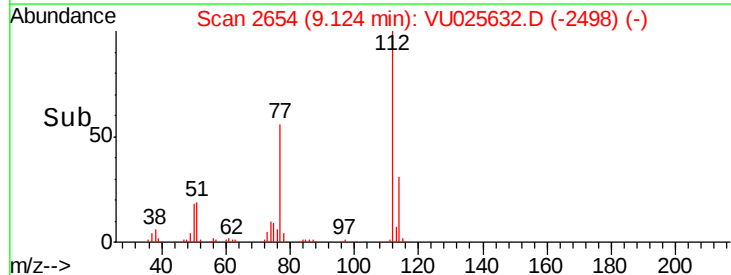
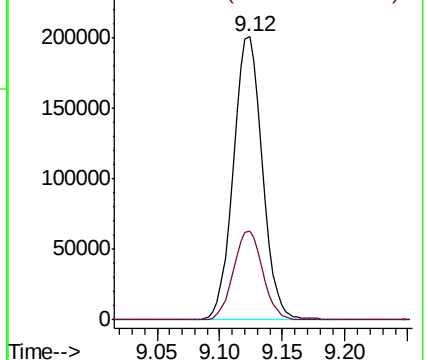


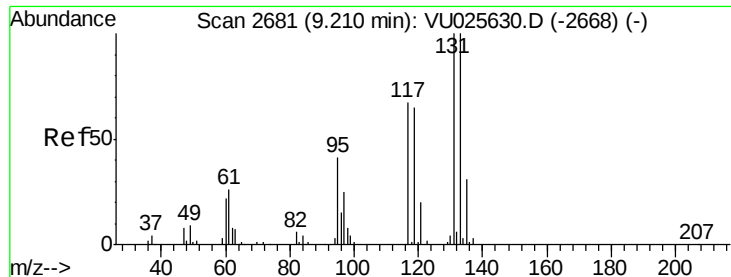
#59
Chlorobenzene
Concen: 10.489 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion:112 Resp: 322601
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V
200000
Ion 114.00 (113.70 to 114.70): V

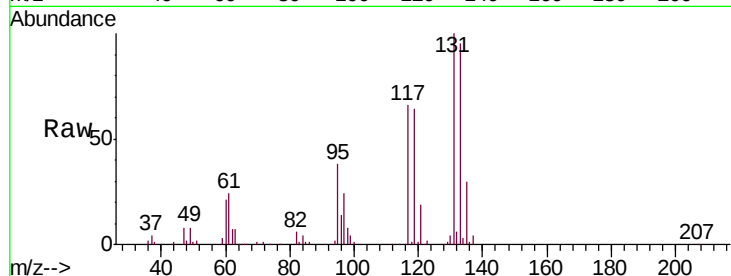




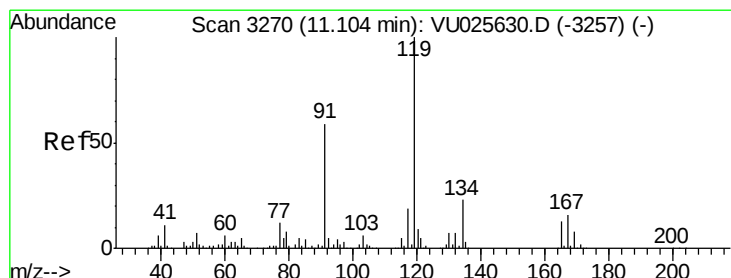
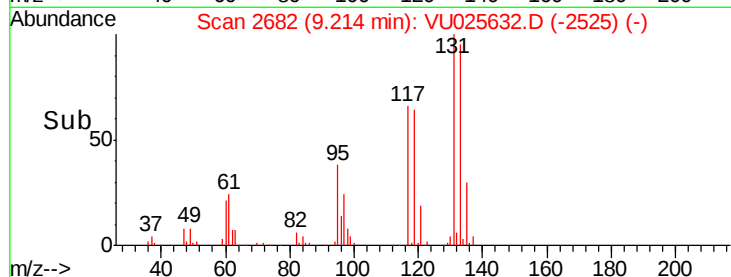
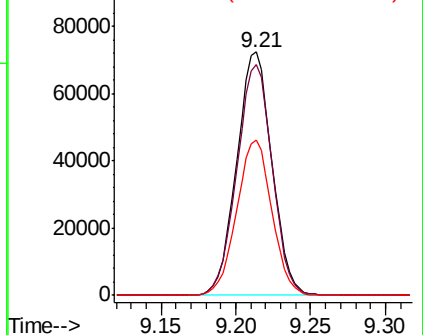
#60
 1,1,1,2-Tetrachloroethane
 Concen: 10.390 ug/l
 RT: 9.21 min Scan# 2682
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

Tgt Ion:131 Resp: 118661
 Ion Ratio Lower Upper
 131 100
 133 95.4 75.8 113.8
 119 63.6 53.0 79.6

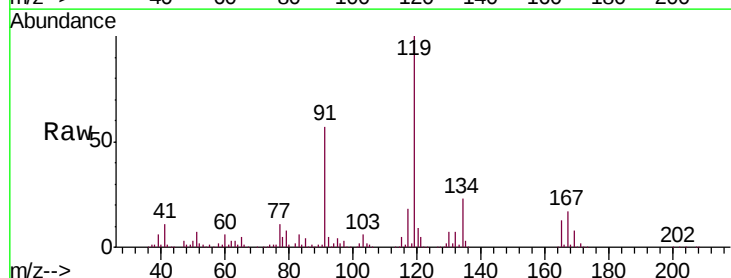


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

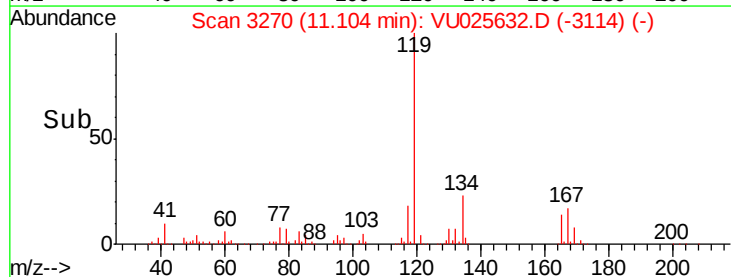
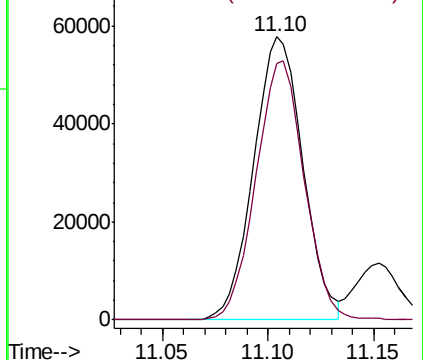


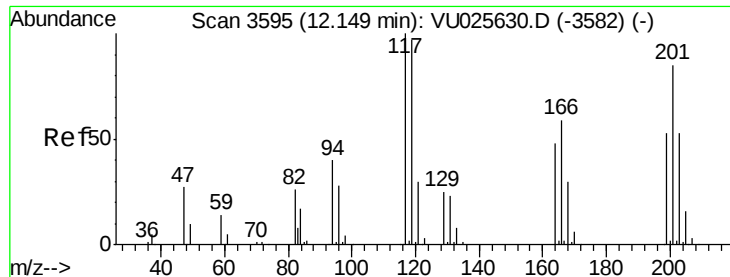
#61
 Pentachloroethane
 Concen: 10.772 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion:117 Resp: 93894
 Ion Ratio Lower Upper
 117 100
 167 89.7 69.2 103.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 10.454 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

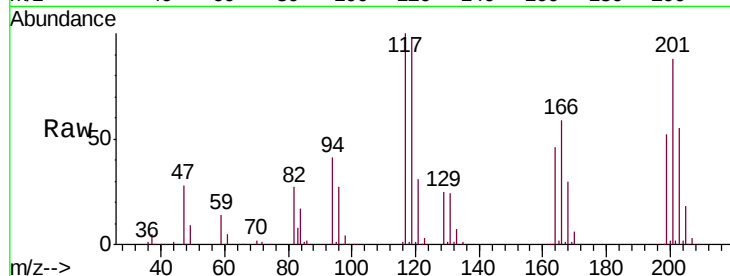
ICVVU072518

Tgt Ion: 117 Resp: 93051

Ion Ratio Lower Upper

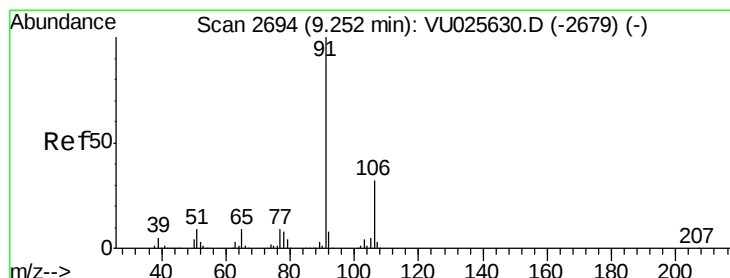
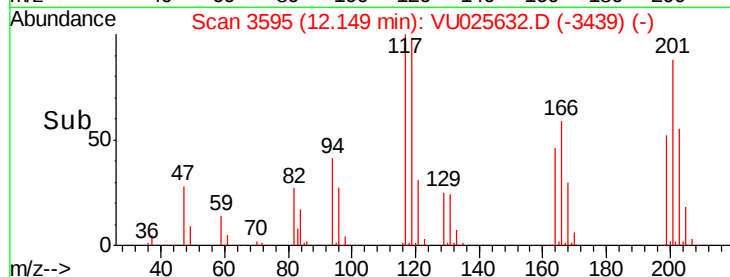
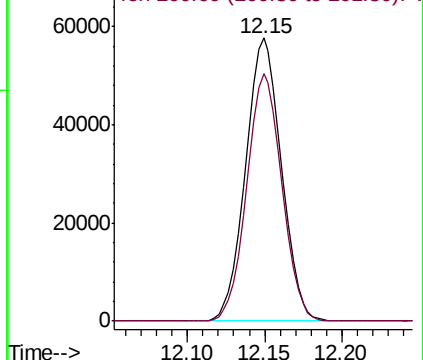
117 100

201 85.8 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 10.887 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025632.D

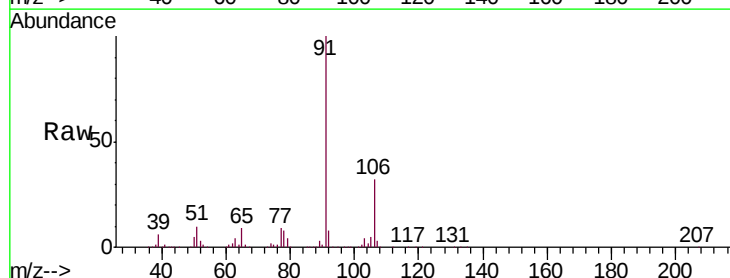
Acq: 25 Jul 2018 12:14

Tgt Ion: 91 Resp: 557070

Ion Ratio Lower Upper

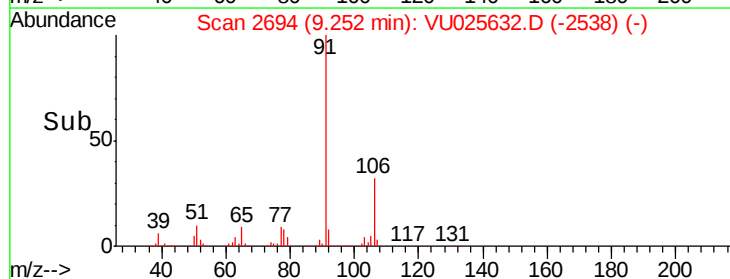
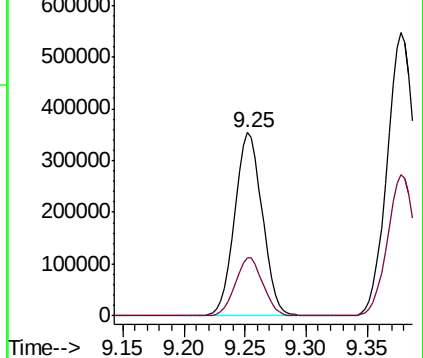
91 100

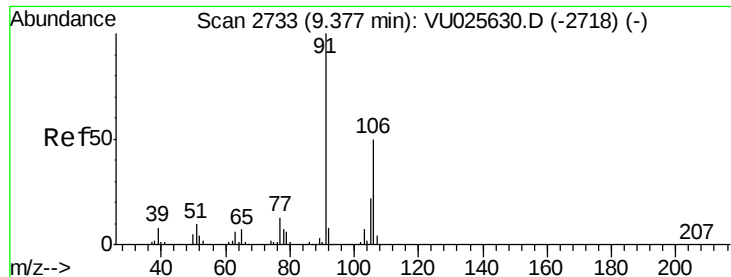
106 32.1 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 21.897 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

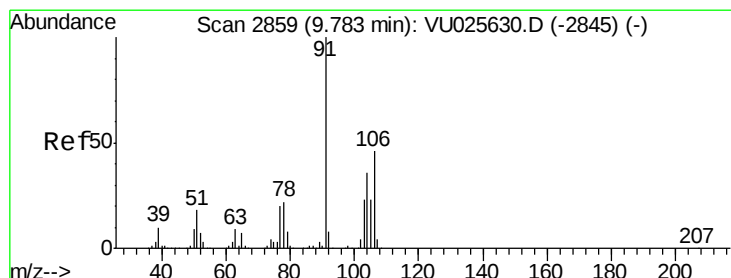
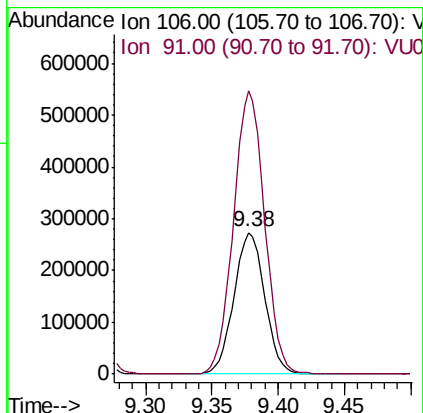
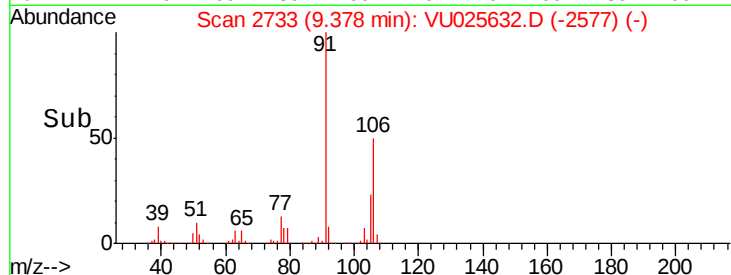
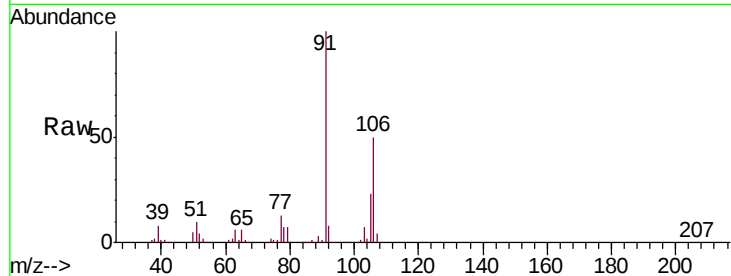
ICVVU072518

Tgt Ion:106 Resp: 440340

Ion Ratio Lower Upper

106 100

91 201.7 164.1 246.1



#65

o-Xylene

Concen: 10.977 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025632.D

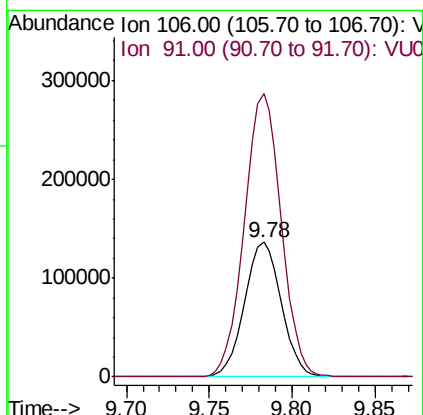
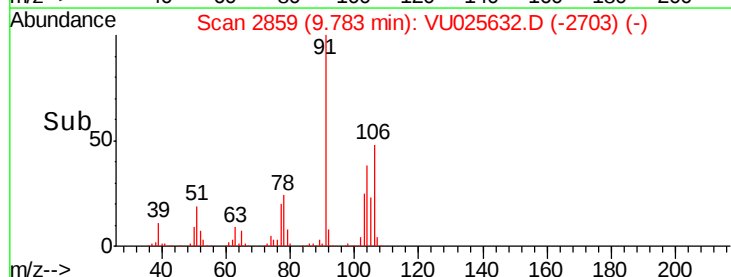
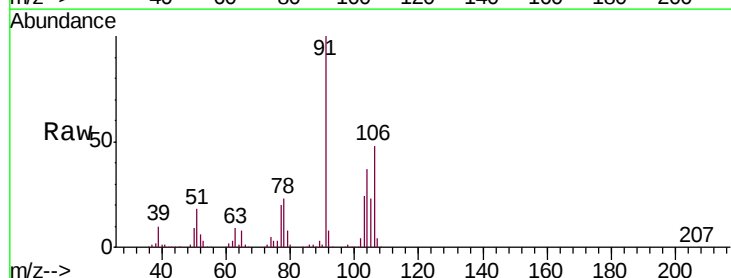
Acq: 25 Jul 2018 12:14

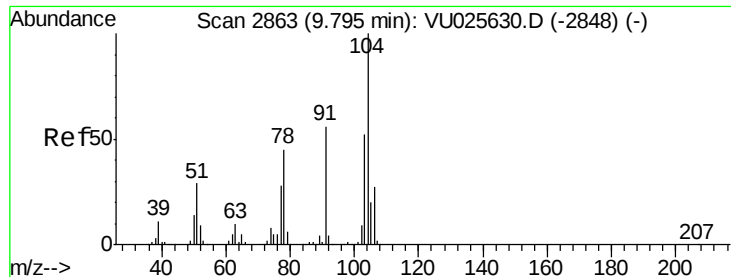
Tgt Ion:106 Resp: 210369

Ion Ratio Lower Upper

106 100

91 211.4 107.9 323.7

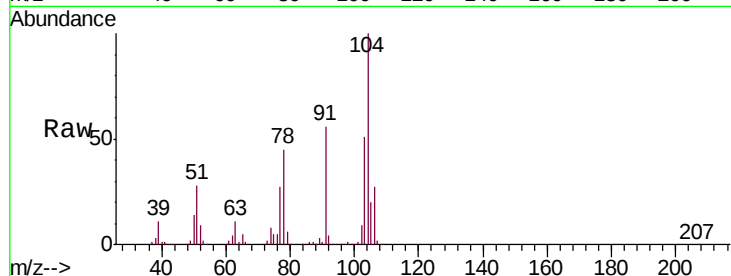




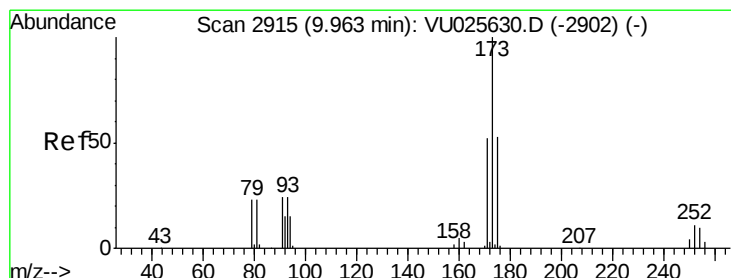
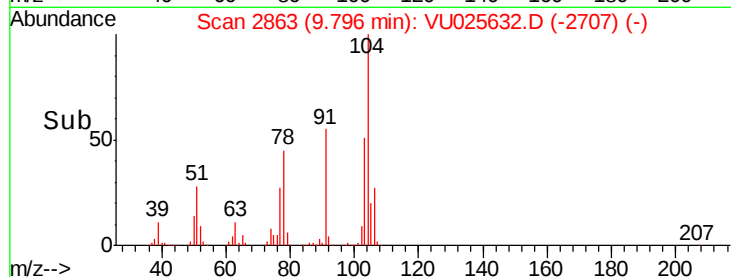
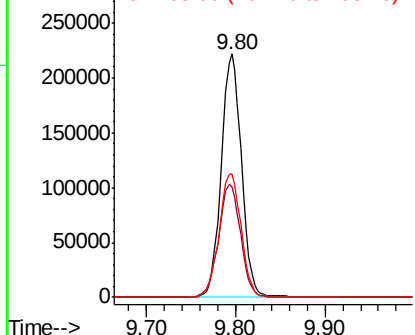
#66
Styrene
Concen: 10.747 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.2	60.2
103	54.8	44.2	66.4

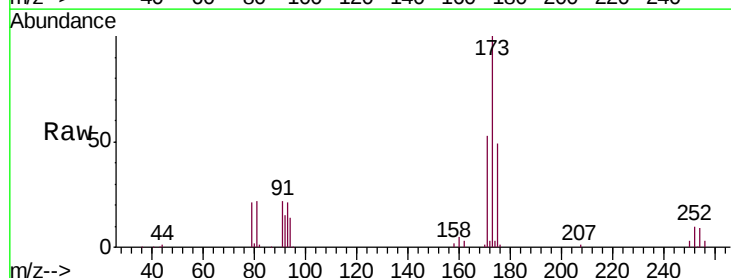


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

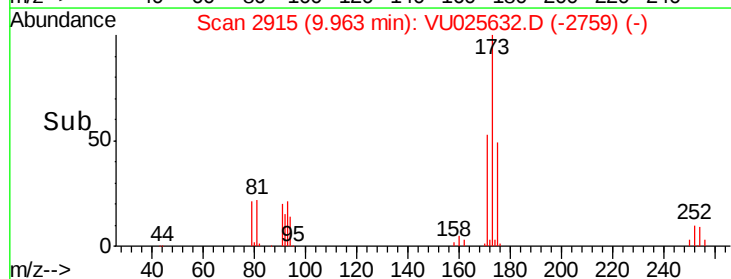
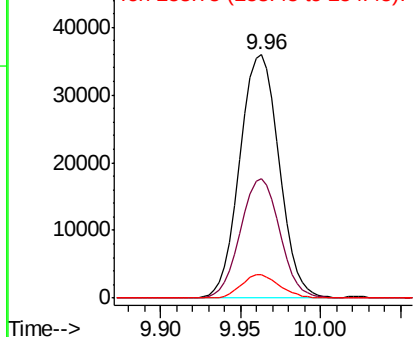


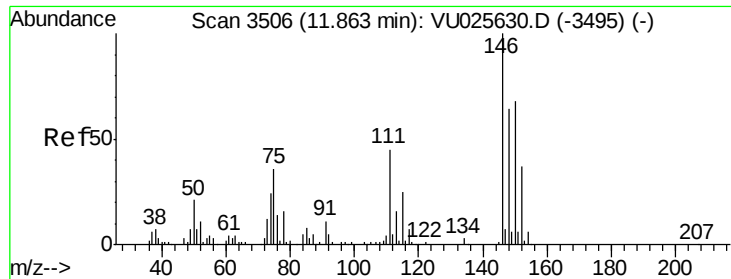
#67
Bromoform
Concen: 10.120 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.6	57.8
254	9.2	8.8	13.2



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

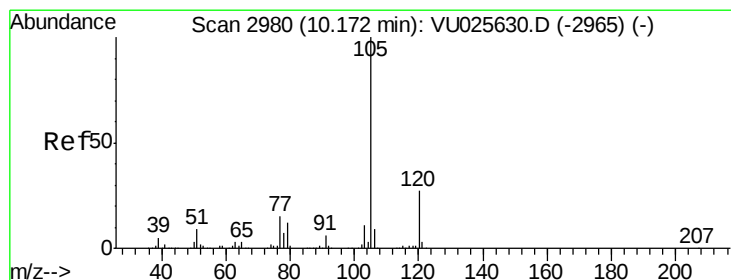
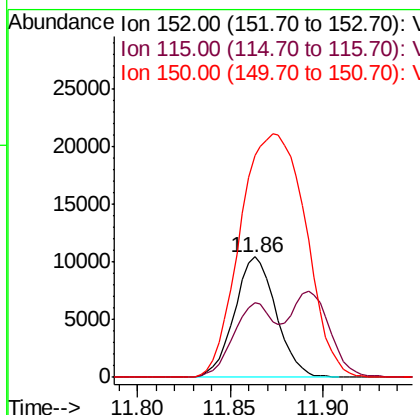
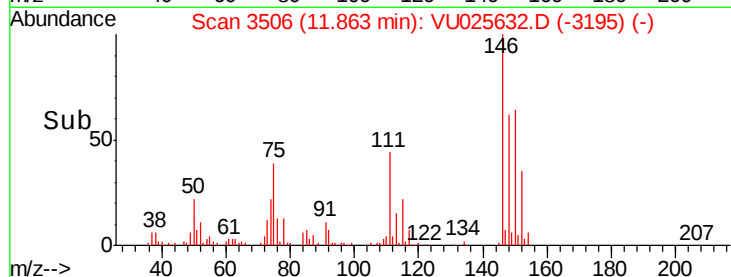
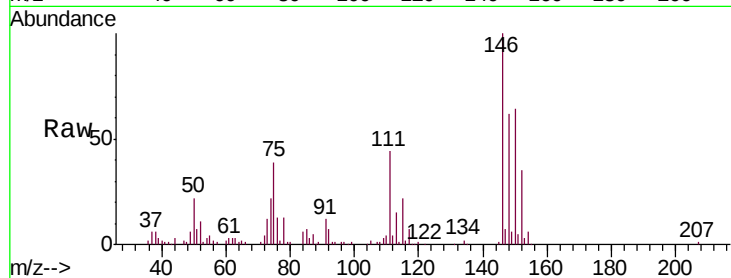




#68
 1,2-Dichlorobenzene-d4
 Concen: 10.120 ug/l
 RT: 11.86 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

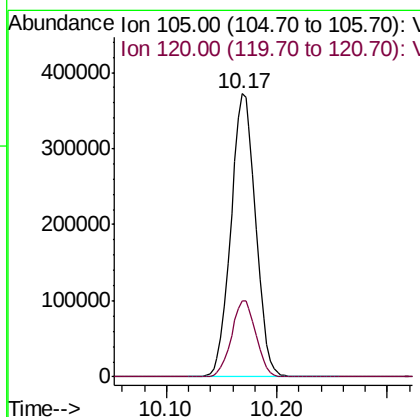
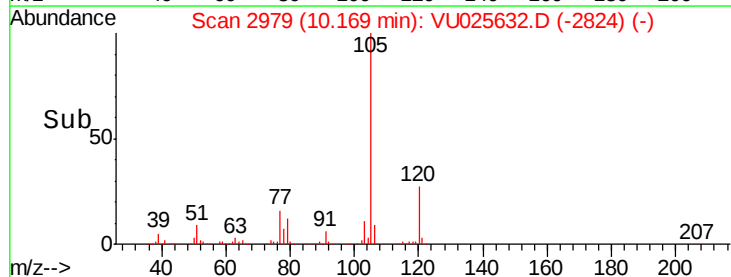
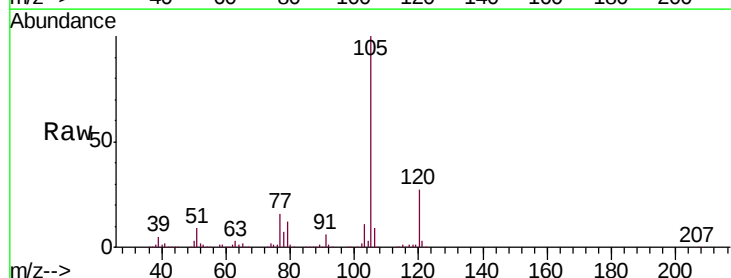
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

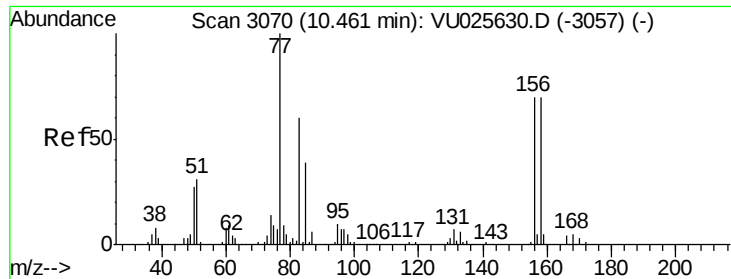
Tgt Ion:152 Resp: 16183
 Ion Ratio Lower Upper
 152 100
 115 60.6 0.0 118.8
 150 320.2 0.0 0.0#



#69
 Isopropylbenzene
 Concen: 11.169 ug/l
 RT: 10.17 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion:105 Resp: 578347
 Ion Ratio Lower Upper
 105 100
 120 26.8 13.1 39.3





#70

1,1,2,2-Tetrachloroethane

Concen: 10.018 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

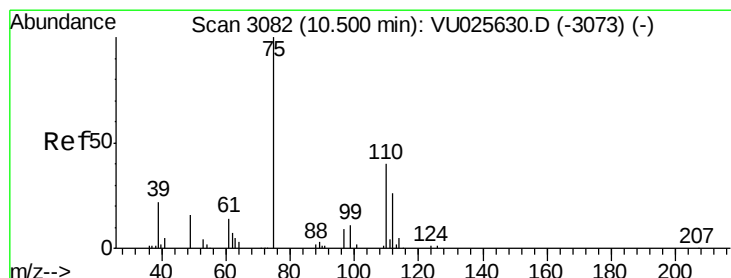
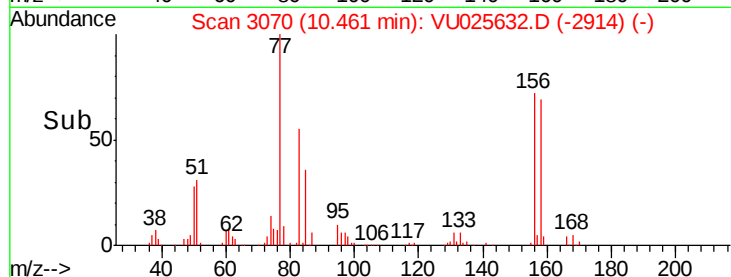
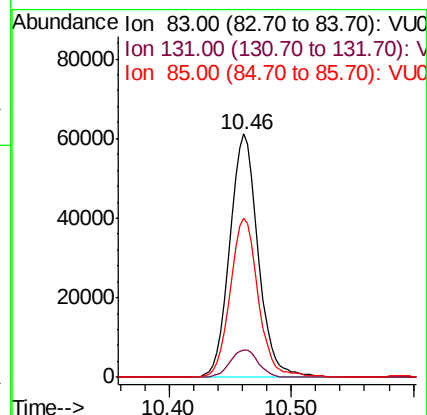
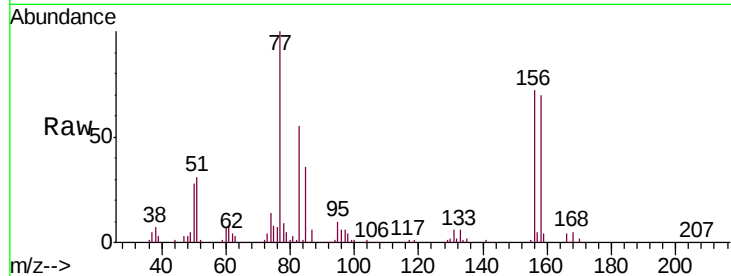
Tgt Ion: 83 Resp: 100049

Ion Ratio Lower Upper

83 100

131 11.2 7.9 11.9

85 64.7 51.8 77.6



#71

1,2,3-Trichloropropane

Concen: 13.501 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Tgt Ion: 75 Resp: 105078

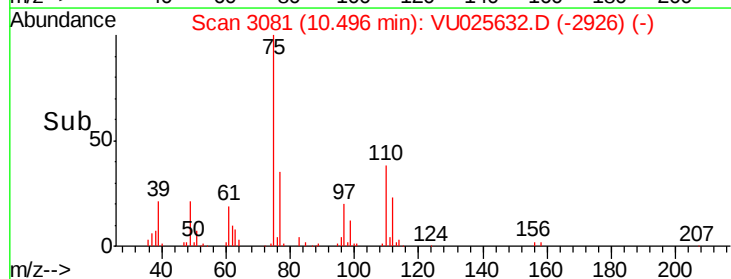
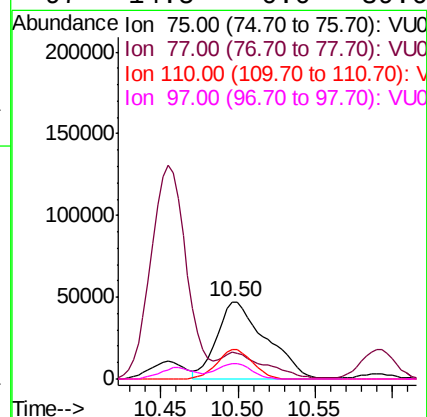
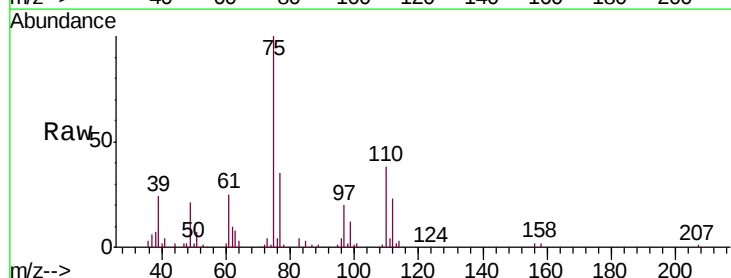
Ion Ratio Lower Upper

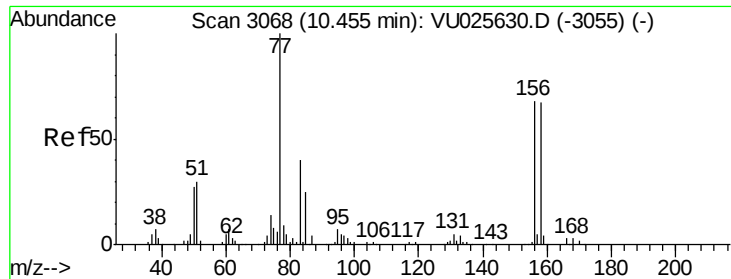
75 100

77 30.0 0.0 0.0#

110 27.2 0.0 74.0

97 14.5 0.0 39.6





#72

Bromobenzene

Concen: 10.712 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

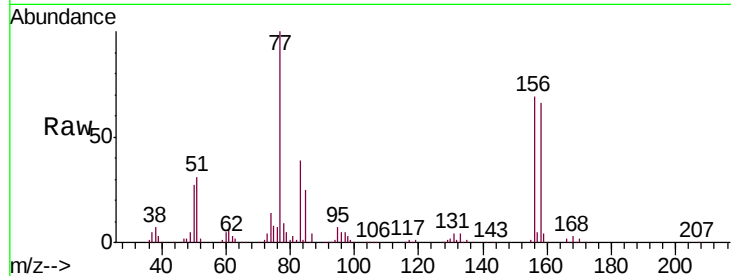
Tgt Ion:156 Resp: 144021

Ion Ratio Lower Upper

156 100

77 145.0 0.0 309.8

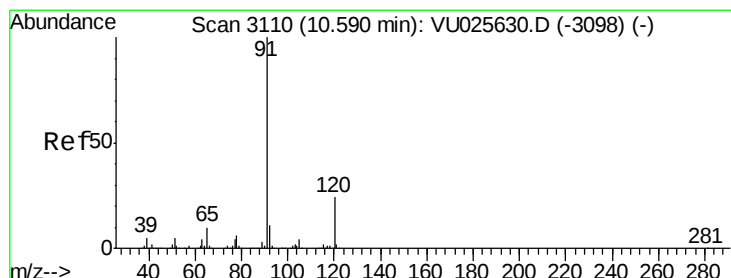
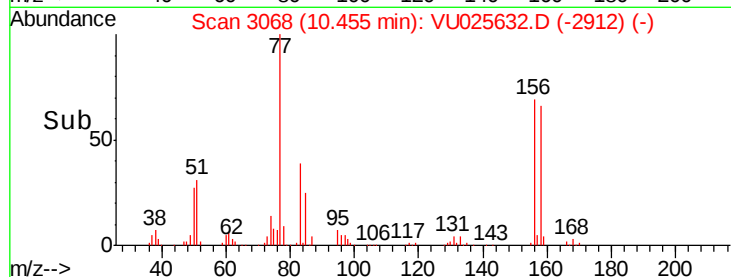
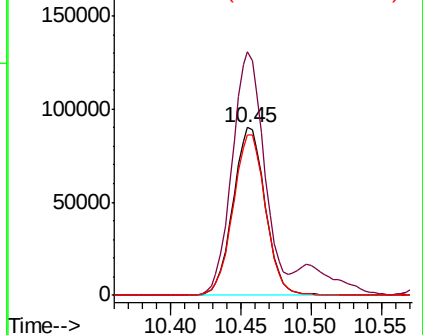
158 96.7 0.0 193.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 11.375 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025632.D

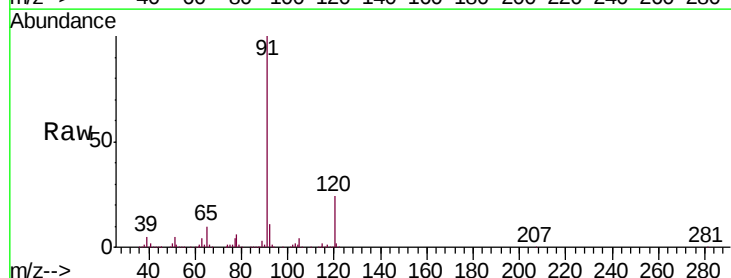
Acq: 25 Jul 2018 12:14

Tgt Ion:120 Resp: 165977

Ion Ratio Lower Upper

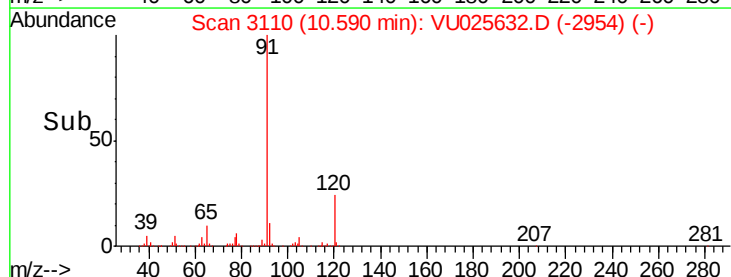
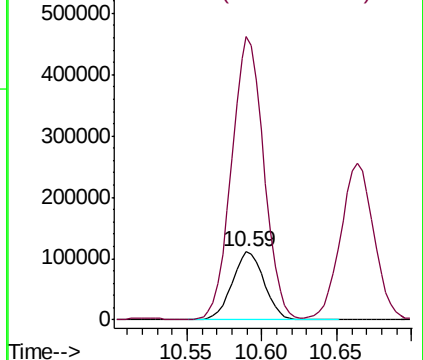
120 100

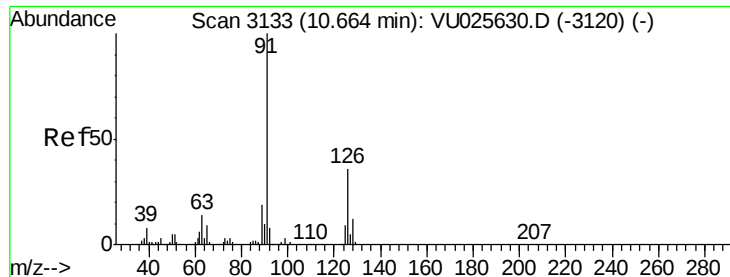
91 417.0 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 10.856 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

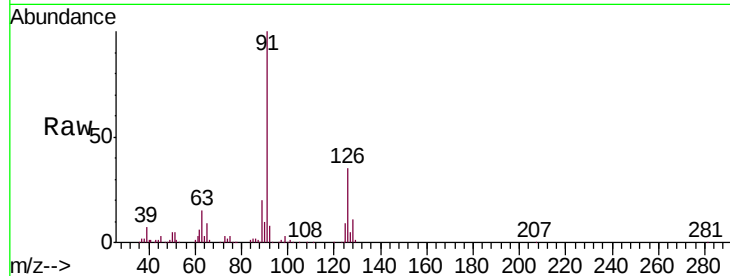
ICVVU072518

Tgt Ion:126 Resp: 139442

Ion Ratio Lower Upper

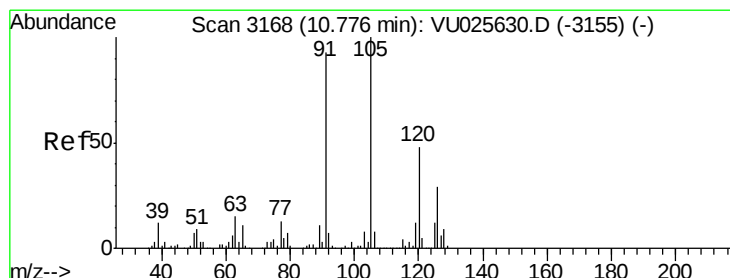
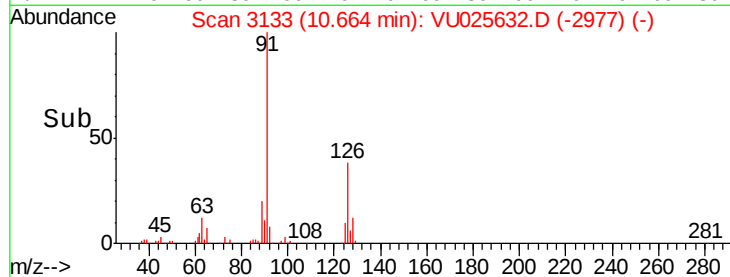
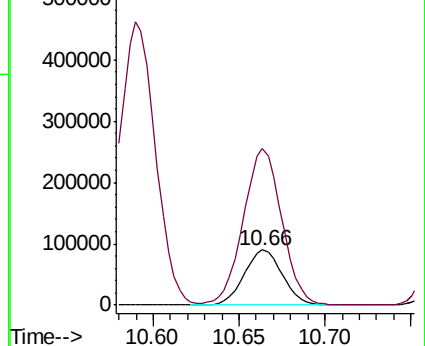
126 100

91 281.8 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 11.188 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025632.D

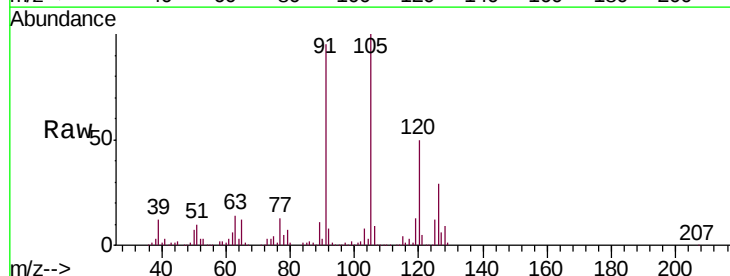
Acq: 25 Jul 2018 12:14

Tgt Ion:105 Resp: 505844

Ion Ratio Lower Upper

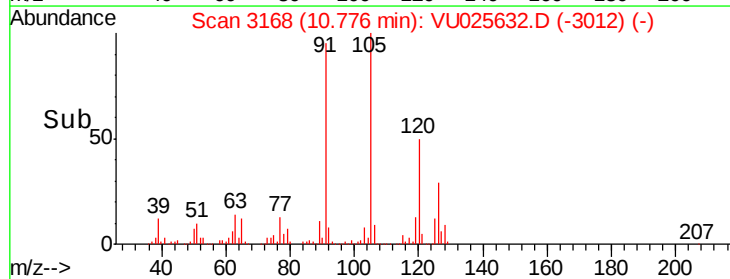
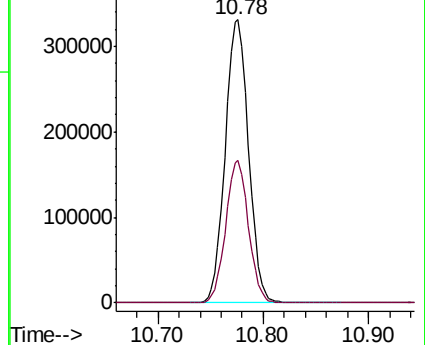
105 100

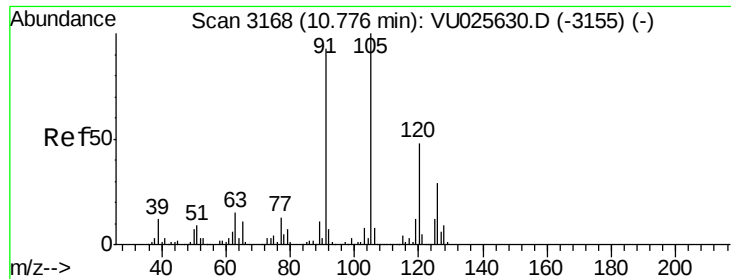
120 49.2 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

4-Chlorotoluene

Concen: 10.968 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

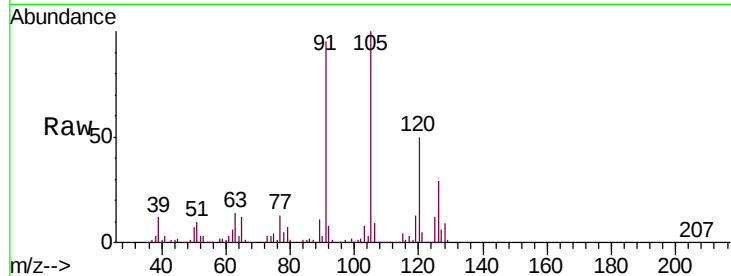
ICVVU072518

Tgt Ion:126 Resp: 148088

Ion Ratio Lower Upper

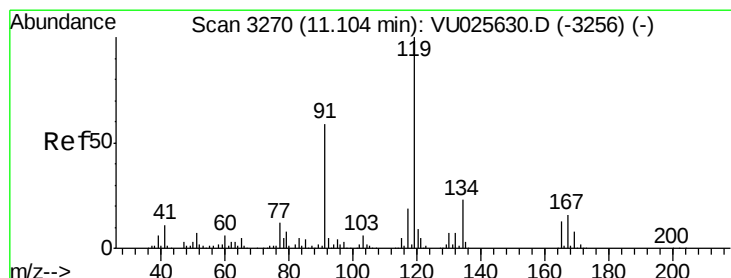
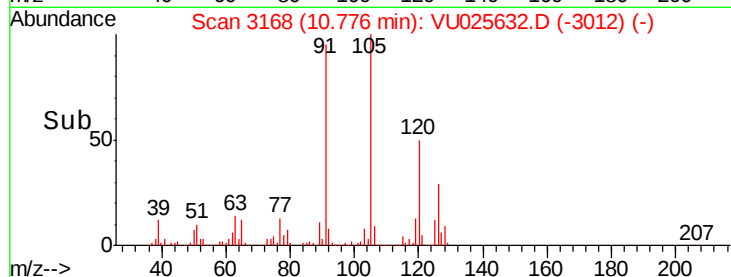
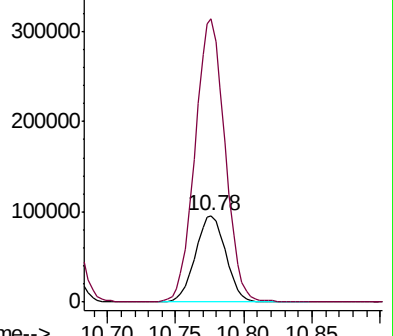
126 100

91 323.8 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 10.909 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

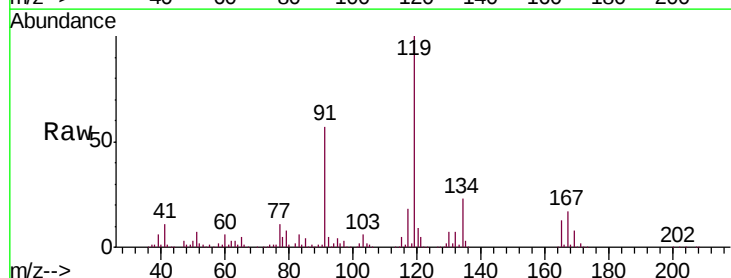
Tgt Ion:119 Resp: 486259

Ion Ratio Lower Upper

119 100

91 58.1 29.6 88.8

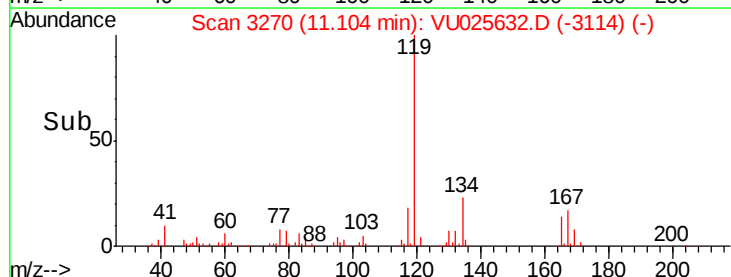
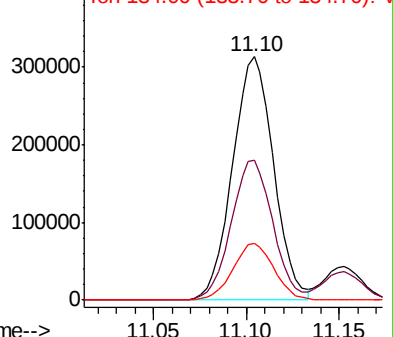
134 23.2 19.1 28.7

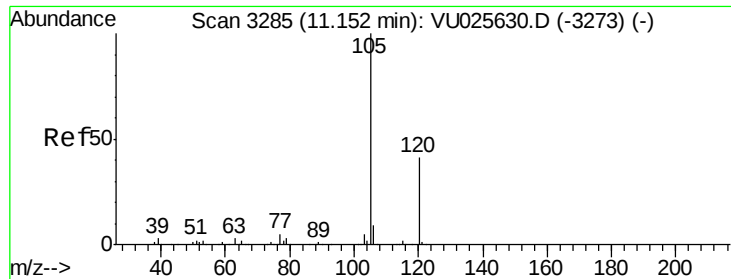


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

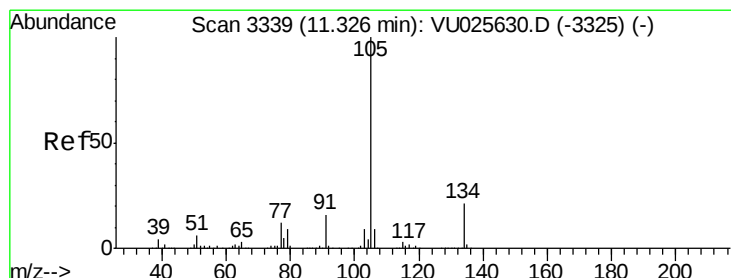
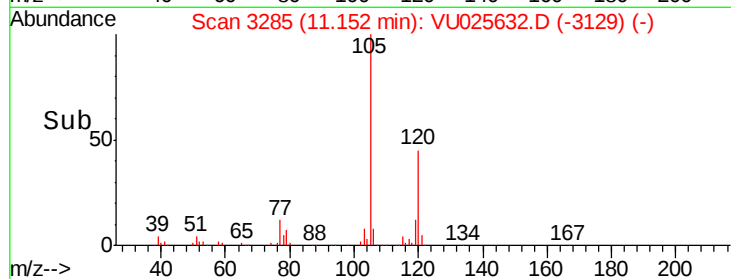
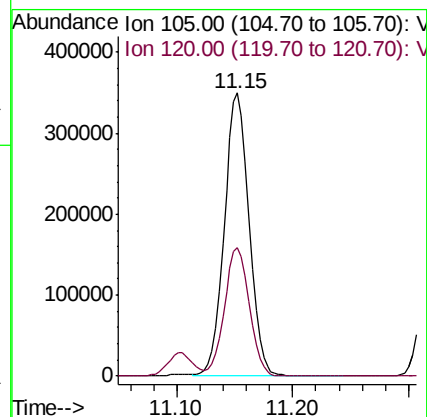
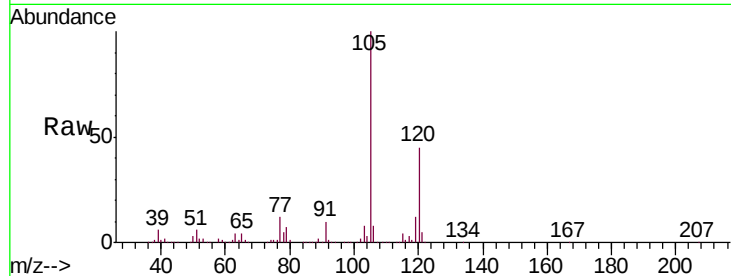




#78
 1,2,4-Trimethylbenzene
 Concen: 11.246 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

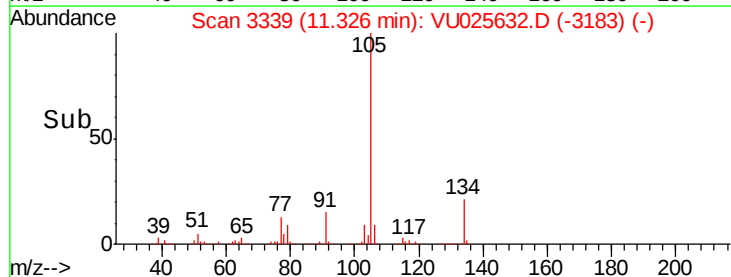
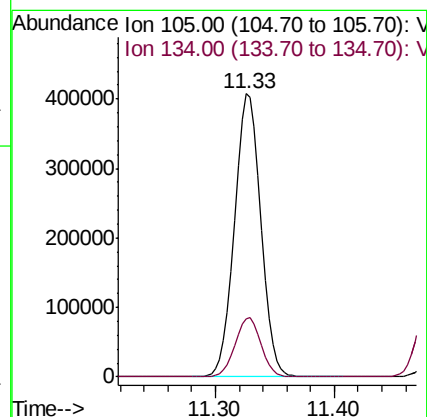
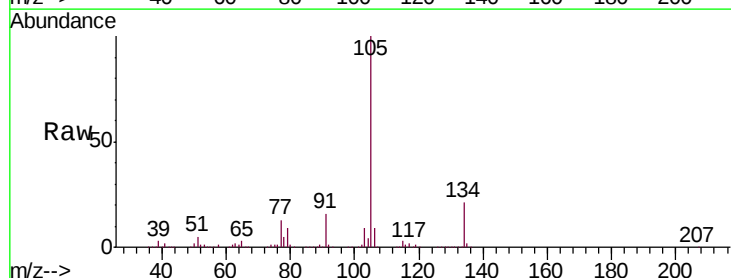
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

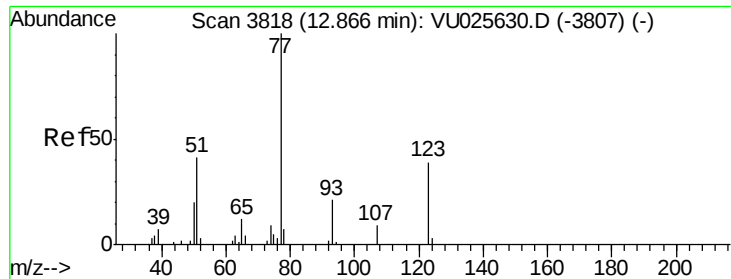
Tgt Ion:105 Resp: 519030
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.3



#79
 sec-Butylbenzene
 Concen: 10.644 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion:105 Resp: 623665
 Ion Ratio Lower Upper
 105 100
 134 20.6 15.6 23.4





#80

Nitrobenzene

Concen: 15.280 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

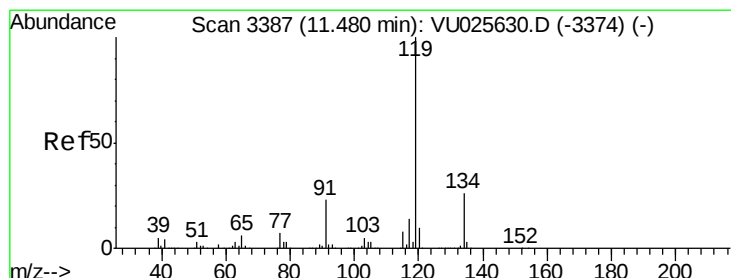
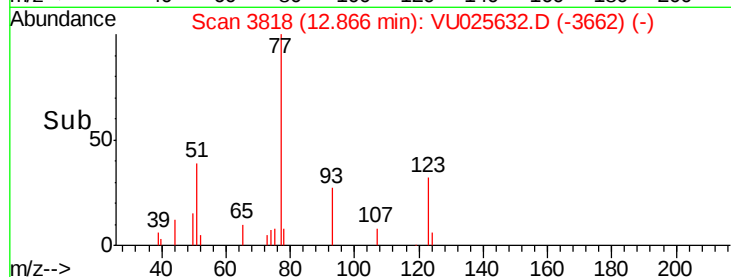
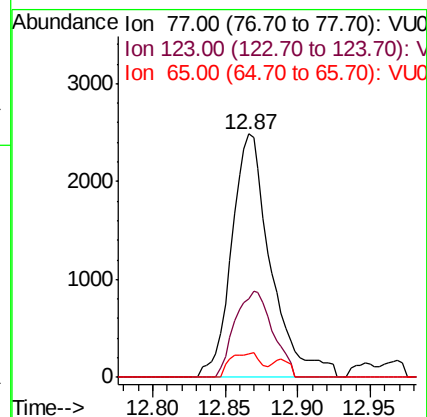
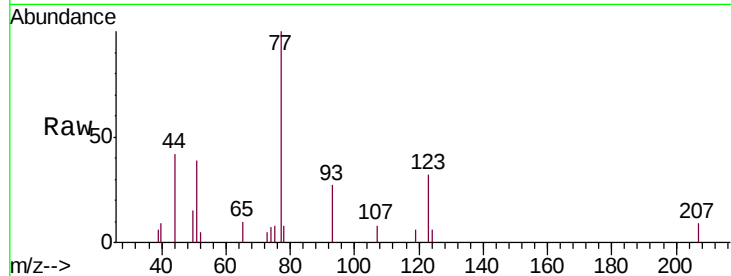
Tgt Ion: 77 Resp: 4645

Ion Ratio Lower Upper

77 100

123 34.3 19.4 68.6

65 0.0 11.2 14.2#



#81

p-Isopropyltoluene

Concen: 11.381 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

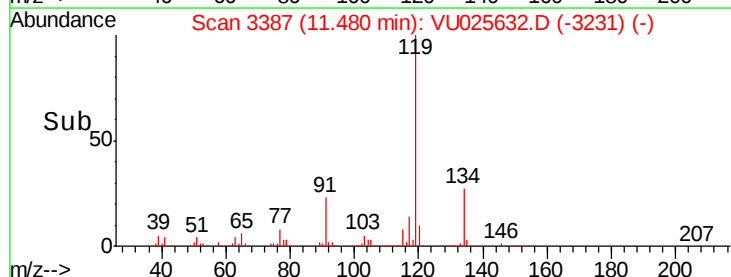
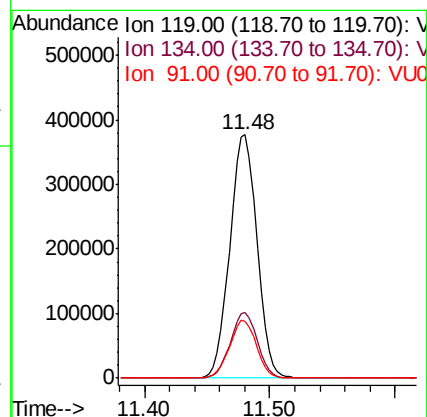
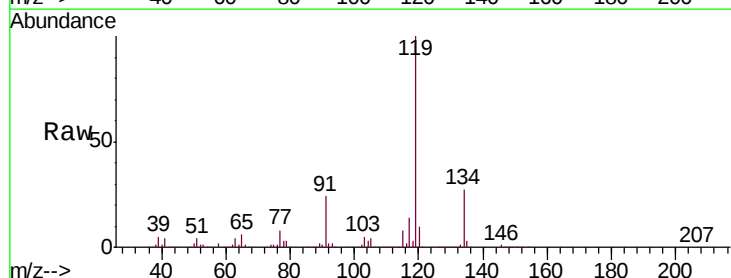
Tgt Ion: 119 Resp: 565414

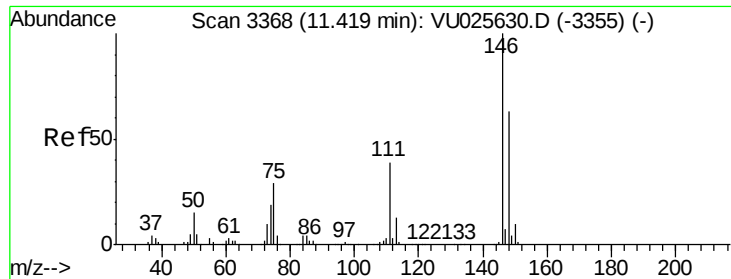
Ion Ratio Lower Upper

119 100

134 26.7 20.9 31.3

91 23.7 18.2 27.2





#82

1,3-Dichlorobenzene

Concen: 10.486 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

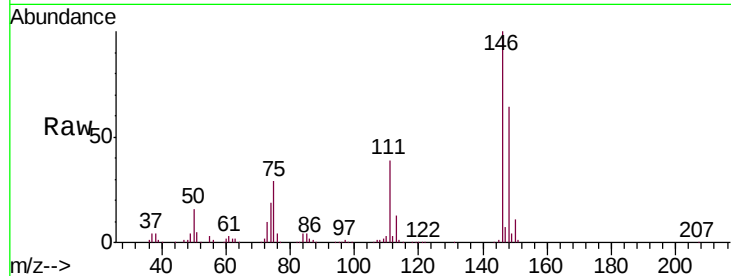
Tgt Ion:146 Resp: 289972

Ion Ratio Lower Upper

146 100

111 39.0 31.8 47.6

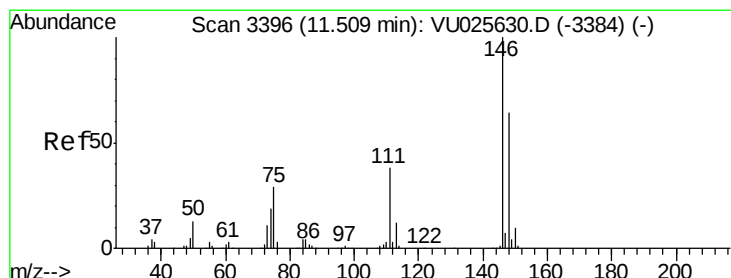
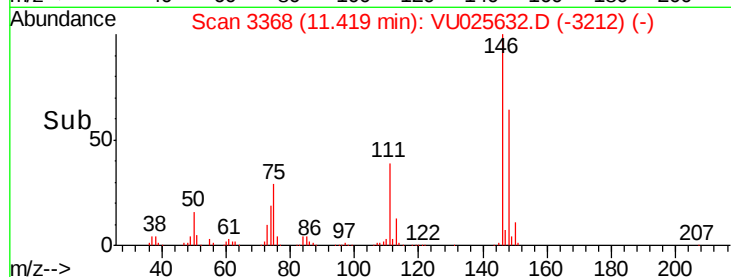
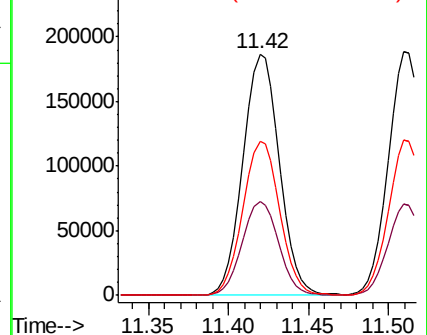
148 64.5 51.0 76.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 10.840 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

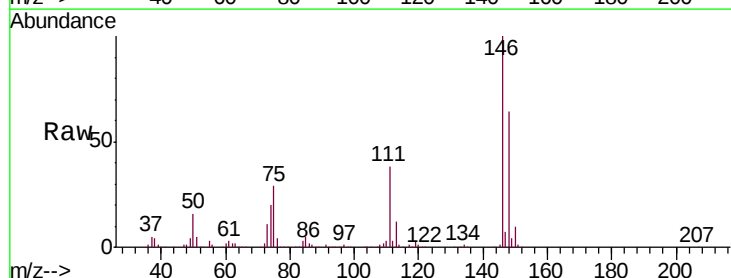
Tgt Ion:146 Resp: 292318

Ion Ratio Lower Upper

146 100

111 37.8 30.1 45.1

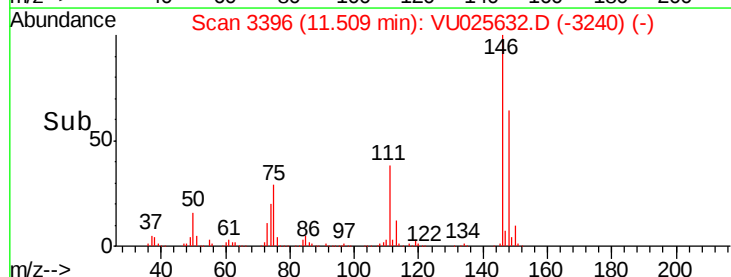
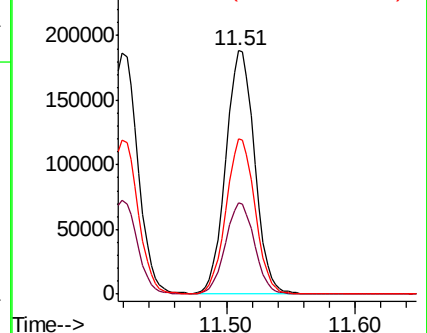
148 64.3 50.6 76.0

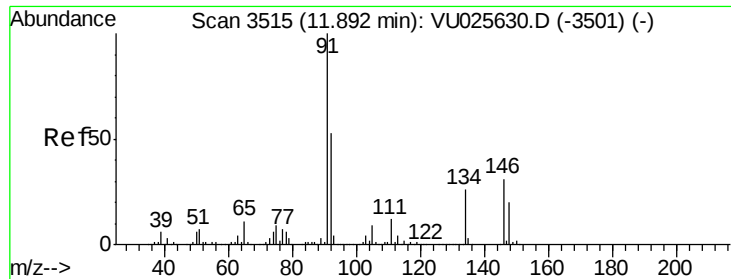


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

n-Butylbenzene

Concen: 11.505 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072518

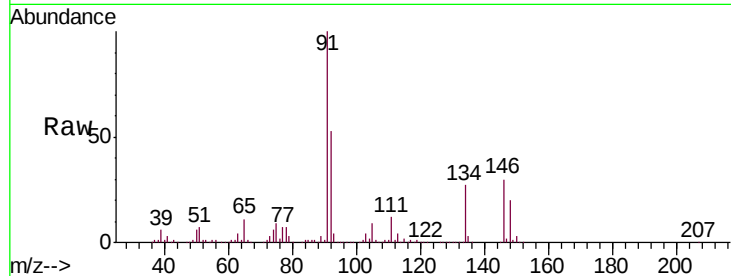
Tgt Ion: 91 Resp: 536291

Ion Ratio Lower Upper

91 100

92 52.6 42.2 63.2

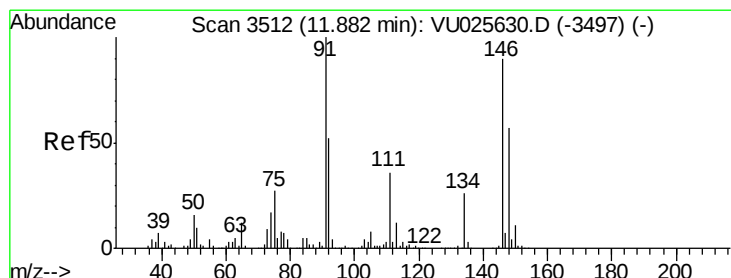
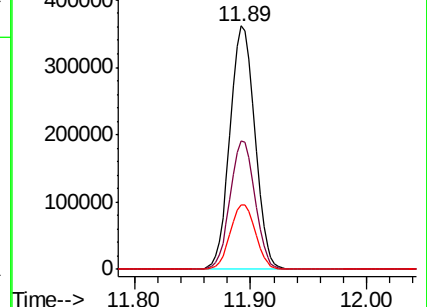
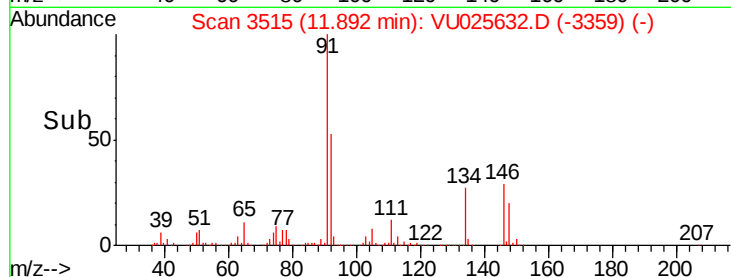
134 26.9 20.3 30.5



Abundance Ion 91.00 (90.70 to 91.70): VU025632.D (-3501) (-)

Ion 92.00 (91.70 to 92.70): VU025632.D (-3501) (-)

Ion 134.00 (133.70 to 134.70): VU025632.D (-3501) (-)



#85

1,2-Dichlorobenzene

Concen: 10.411 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

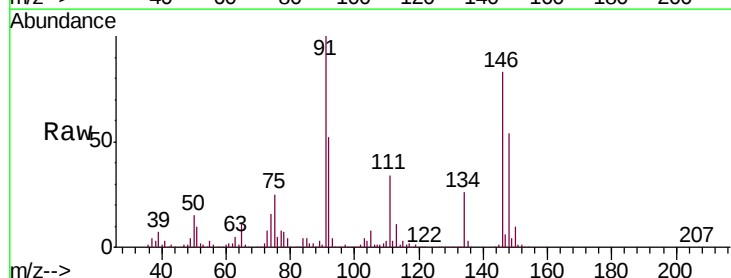
Tgt Ion: 146 Resp: 262888

Ion Ratio Lower Upper

146 100

111 40.5 20.7 62.1

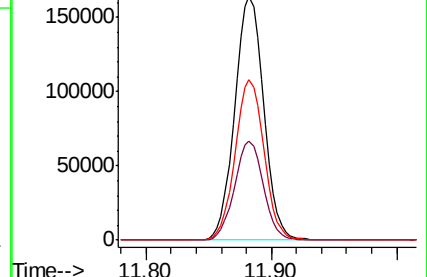
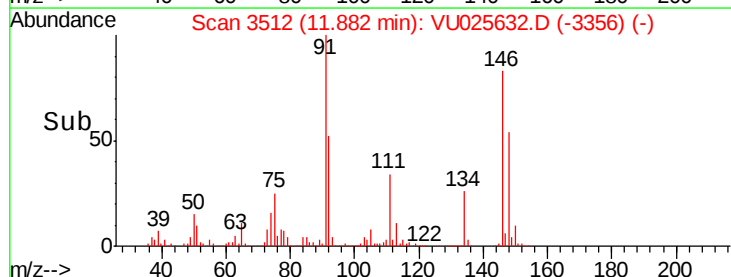
148 65.7 31.9 95.5

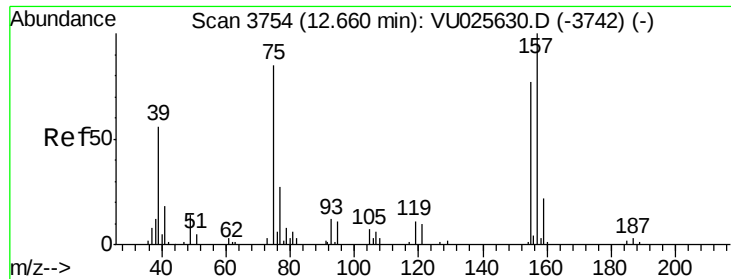


Abundance Ion 146.00 (145.70 to 146.70): VU025632.D (-3497) (-)

Ion 111.00 (110.70 to 111.70): VU025632.D (-3497) (-)

Ion 148.00 (147.70 to 148.70): VU025632.D (-3497) (-)

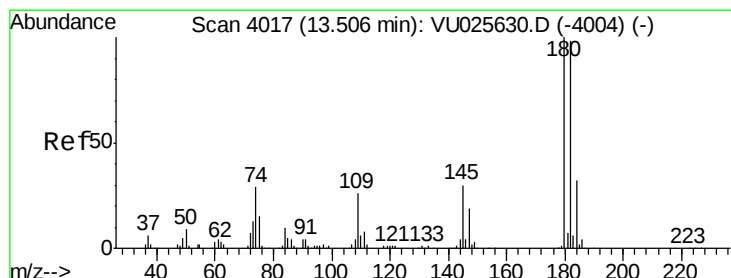
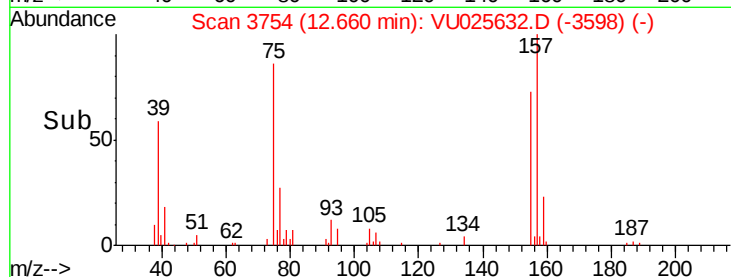
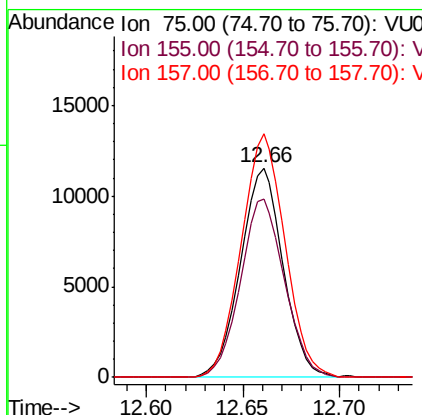
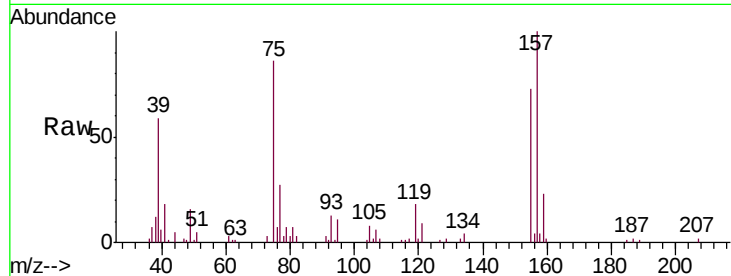




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.752 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

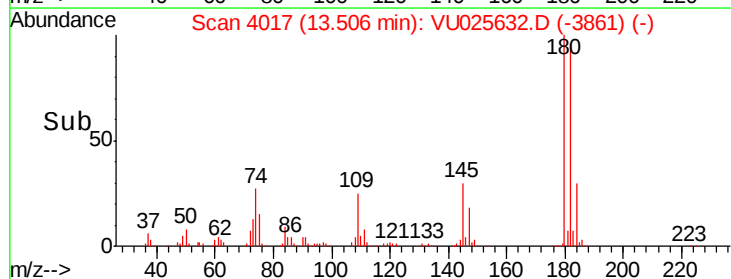
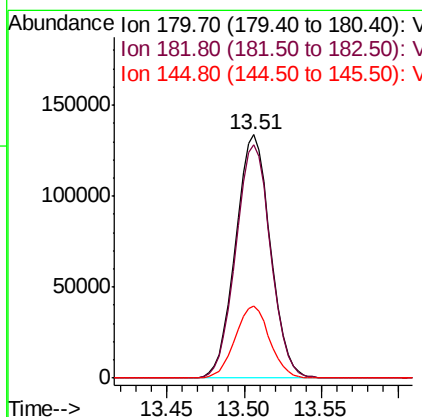
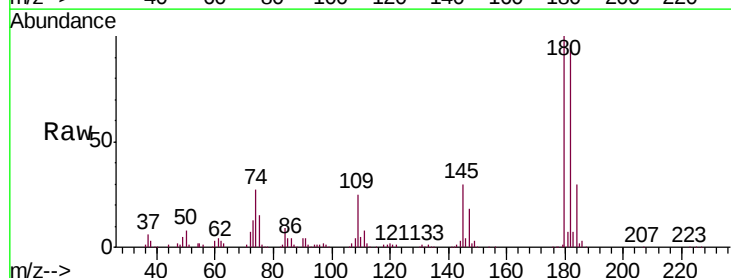
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

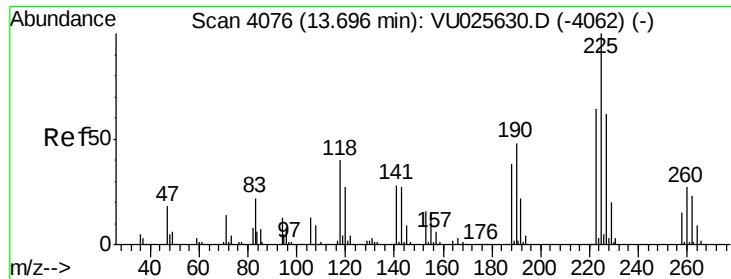
Tgt Ion: 75 Resp: 17716
 Ion Ratio Lower Upper
 75 100
 155 88.0 65.8 98.6
 157 119.6 83.5 125.3



#87
 1,2,4-Trichlorobenzene
 Concen: 11.900 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Tgt Ion: 180 Resp: 209239
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.1 115.7
 145 29.2 23.3 34.9

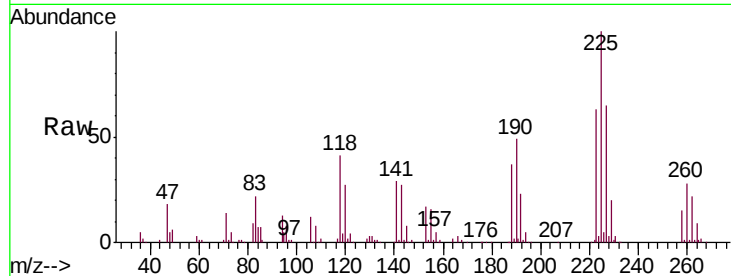




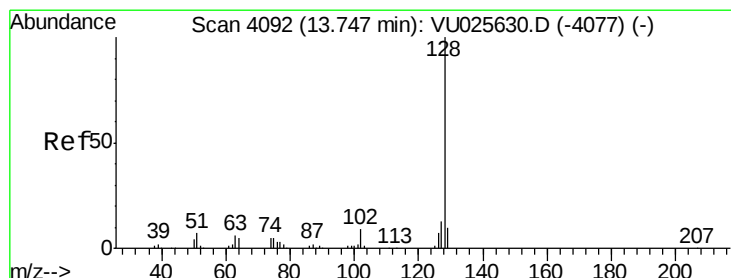
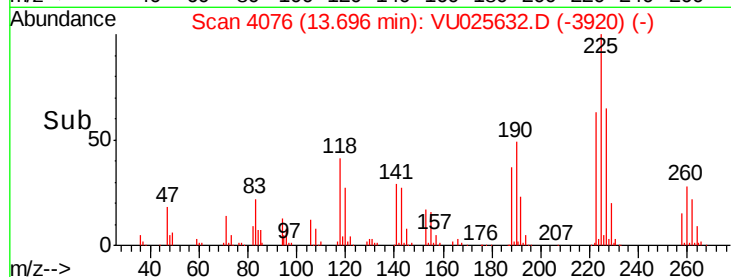
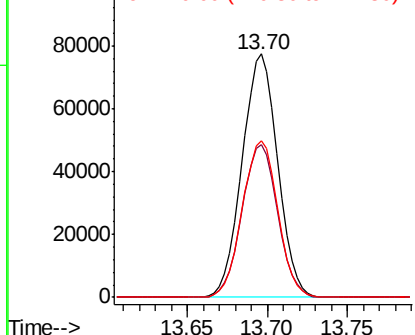
#88
Hexachlorobutadiene
Concen: 10.892 ug/l
RT: 13.70 min Scan# 4076
Delta R.T. 0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072518

Tgt Ion:225 Resp: 117666
Ion Ratio Lower Upper
225 100
223 63.0 50.6 75.8
227 64.1 51.8 77.6

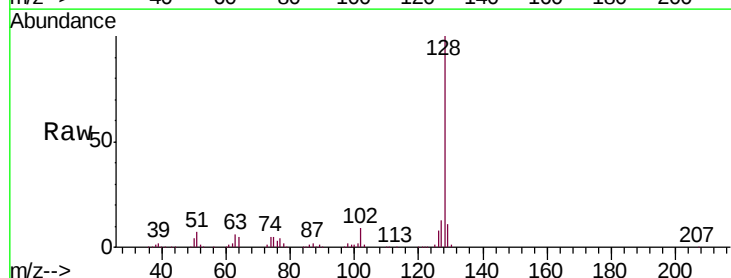


Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V

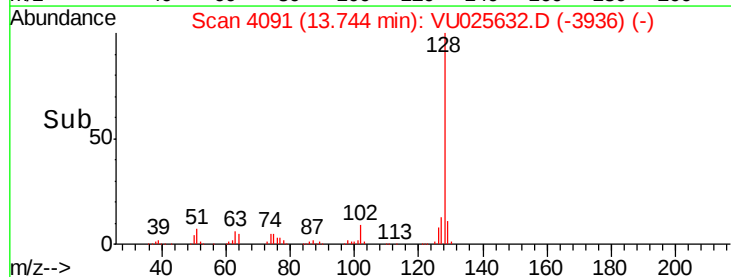
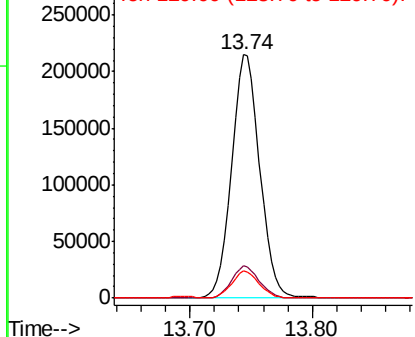


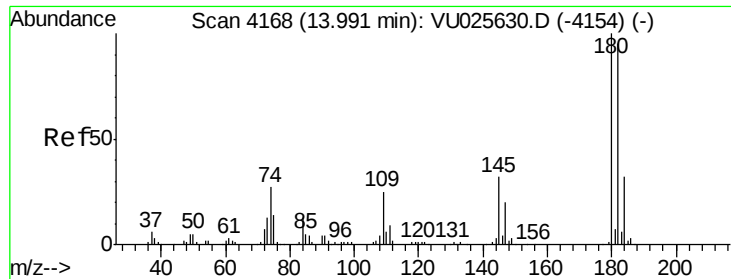
#89
Naphthalene
Concen: 12.089 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. -0.00 min
Lab File: VU025632.D
Acq: 25 Jul 2018 12:14

Tgt Ion:128 Resp: 345016
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#90
 1,2,3-Trichlorobenzene
 Concen: 11.667 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU025632.D
 Acq: 25 Jul 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072518

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	31.2	24.6	36.8

