

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080318\
 Data File : VU025817.D
 Acq On : 03 Aug 2018 14:15
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Aug 04 05:32:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 27 15:10:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	33681	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	13625	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	13559	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	117646	9.796	ug/l	98
3) Chloromethane	1.33	50	101989	8.982	ug/l	97
4) Vinyl Chloride	1.40	62	106495	10.133	ug/l	98
5) Bromomethane	1.63	94	49769	9.723	ug/l	99
6) Chloroethane	1.70	64	63305	10.038	ug/l	99
7) Trichlorofluoromethane	1.89	101	156454	10.208	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	86292	10.255	ug/l	99
9) 1,1-Dichloroethene	2.28	96	73458	9.893	ug/l	95
10) Iodomethane	2.41	142	57990	8.186	ug/l	96
11) Allyl Chloride	2.59	41	127140	10.243	ug/l	85
12) Acrylonitrile	2.94	53	31334	19.141	ug/l	94
13) Acetone	2.33	43	68167	47.881	ug/l	96
14) Carbon Disulfide	2.48	76	250099	9.847	ug/l	99
15) Methylene Chloride	2.70	84	81243	9.177	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	84870	10.194	ug/l	92
17) 1,1-Dichloroethane	3.45	63	163729	9.915	ug/l	99
18) 2-Butanone	4.29	43	124334	50.328	ug/l	99
19) Cyclohexane	4.99	56	131310	10.313	ug/l	87
20) Methylcyclohexane	6.42	83	156427	10.015	ug/l	94
21) 2,2-Dichloropropane	4.23	77	158349	10.058	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	105068	10.024	ug/l	96
23) Diethyl Ether	2.10	59	56773	10.094	ug/l	97
24) tert-Butyl Alcohol	2.85	59	64647	97.854	ug/l #	79
25) Methyl tert-Butyl Ether	3.01	73	198462	9.883	ug/l	98
26) Bromochloromethane	4.55	128	46442	10.061	ug/l	83
27) Chloroform	4.68	83	184958	10.192	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	166742	10.188	ug/l	98
29) 1,1-Dichloropropene	5.14	75	137327	10.231	ug/l	97
30) Carbon Tetrachloride	5.13	117	154614	10.403	ug/l	99
31) Isopropyl Ether	3.58	45	271142	10.249	ug/l	95
32) Ethyl-t-butyl ether	4.08	59	253067	10.066	ug/l	93
33) Tert-Amyl methyl ether	5.59	73	220468	9.932	ug/l	97
34) Propionitrile	4.35	54	33869	49.341	ug/l #	93
35) Benzene	5.39	78	387701	10.332	ug/l	99
36) 1,2-Dichloroethane	5.41	62	119118	10.340	ug/l	97
37) Trichloroethene	6.19	130	108769	9.840	ug/l	100
38) 1,2-Dichloropropane	6.44	63	99563	10.226	ug/l	98
39) Methacrylonitrile	4.56	41	31786	10.059	ug/l	93
40) Methyl acrylate	4.43	55	46421	9.740	ug/l #	95
41) Tetrahydrofuran	4.66	42	32214	17.252	ug/l	94
42) 1-Chlorobutane	5.07	56	188117	10.282	ug/l	99

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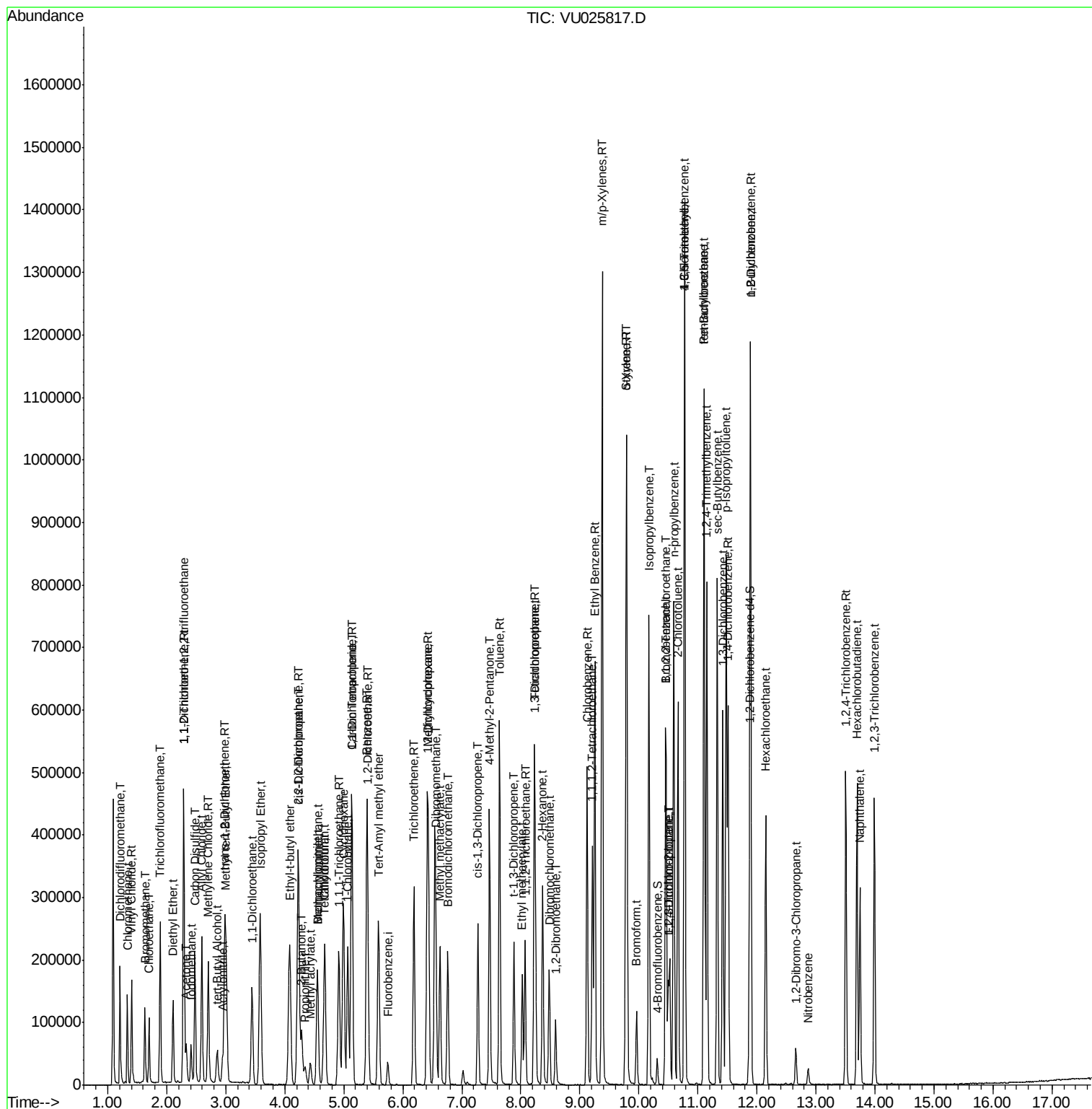
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	52573	10.344	ug/l	99
44) Bromodichloromethane	6.76	83	135285	10.503	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	287844	50.779	ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	55659	22.852	ug/l #	75
47) Methyl methacrylate	6.63	69	87887	20.676	ug/l	94
48) Ethyl methacrylate	8.02	69	87273	10.221	ug/l	100
49) Toluene	7.64	92	242462	10.573	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	123297	10.604	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	143317	10.289	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	67938	9.970	ug/l	95
53) 1,3-Dichloropropane	8.25	76	120028	10.433	ug/l	99
54) 2-Hexanone	8.37	43	201379	50.305	ug/l	99
55) Dibromochloromethane	8.48	129	93003	10.734	ug/l	100
56) 1,2-Dibromoethane	8.59	107	68150	10.335	ug/l	99
58) Tetrachloroethene	8.23	164	106502	10.720	ug/l	99
59) Chlorobenzene	9.12	112	270534	10.259	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	103341	10.554	ug/l	99
61) Pentachloroethane	11.10	117	76160	10.191	ug/l	96
62) Hexachloroethane	12.15	117	80597	10.561	ug/l	98
63) Ethyl Benzene	9.25	91	465483	10.611	ug/l	98
64) m/p-Xylenes	9.38	106	372296	21.594	ug/l	97
65) o-Xylene	9.78	106	175838	10.702	ug/l	98
66) Styrene	9.80	104	299263	10.725	ug/l	99
67) Bromoform	9.96	173	53381	10.443	ug/l	97
69) Isopropylbenzene	10.17	105	468478	10.552	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	84614	9.883	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	55659	8.341	ug/l #	91
72) Bromobenzene	10.45	156	118113	10.247	ug/l	96
73) n-propylbenzene	10.59	120	135207	10.808	ug/l	94
74) 2-Chlorotoluene	10.66	126	117463	10.666	ug/l	88
75) 1,3,5-Trimethylbenzene	10.78	105	419973	10.834	ug/l	100
76) 4-Chlorotoluene	10.78	126	122740	10.603	ug/l	96
77) tert-Butylbenzene	11.10	119	401389	10.503	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	434120	10.971	ug/l	99
79) sec-Butylbenzene	11.33	105	536885	10.688	ug/l	98
80) Nitrobenzene	12.87	77	14950	57.363	ug/l	98
81) p-Isopropyltoluene	11.48	119	463263	10.877	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	245967	10.374	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	244191	10.562	ug/l	99
84) n-Butylbenzene	11.89	91	430117	10.763	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	224100	10.351	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	15369	10.879	ug/l	99
87) 1,2,4-Trichlorobenzene	13.51	180	157705	10.462	ug/l	99
88) Hexachlorobutadiene	13.70	225	89231	9.634	ug/l	99
89) Naphthalene	13.74	128	254855	10.416	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	145437	10.559	ug/l	99

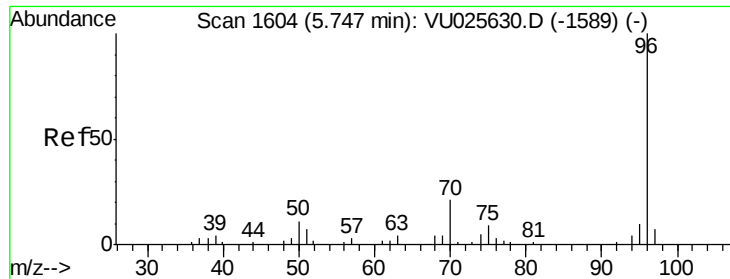
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 33681

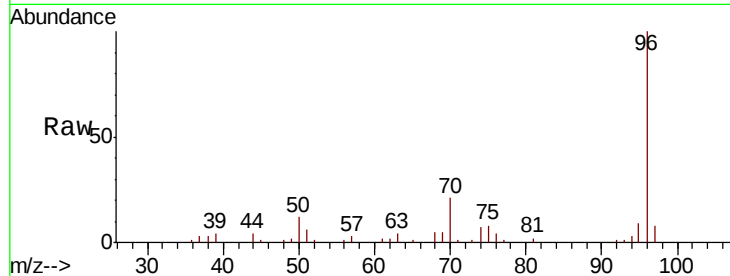
Ion Ratio Lower Upper

96 100

70 19.8 16.2 24.4

95 9.1 6.9 10.3

97 0.0 0.0 0.0

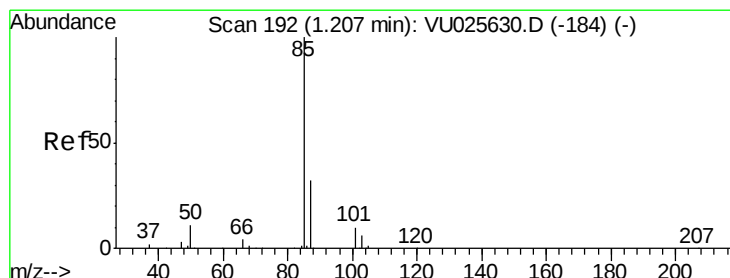
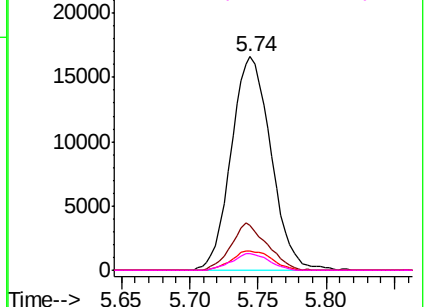
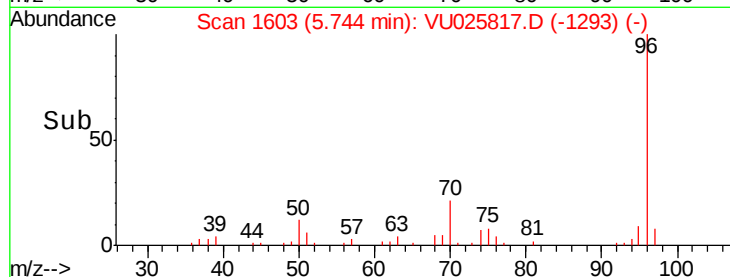


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.796 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025817.D

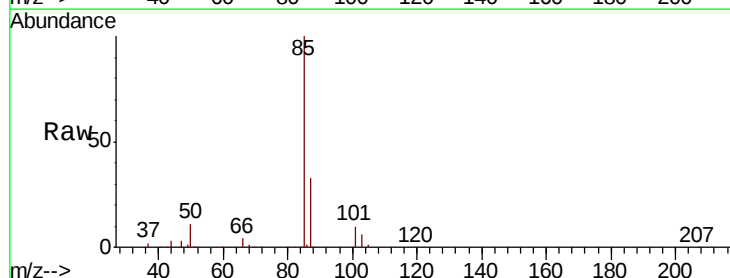
Acq: 03 Aug 2018 14:15

Tgt Ion: 85 Resp: 117646

Ion Ratio Lower Upper

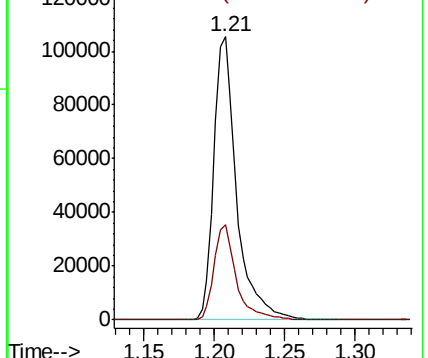
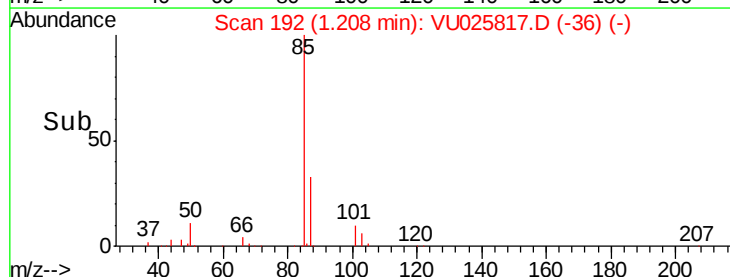
85 100

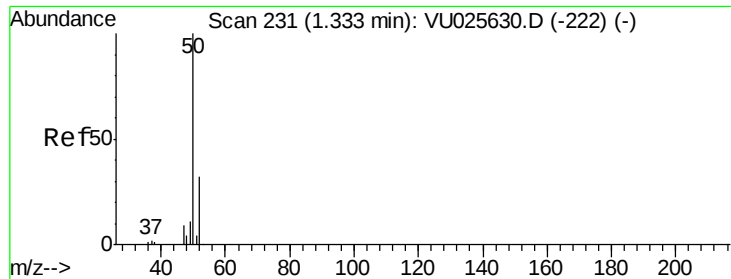
87 33.5 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.982 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

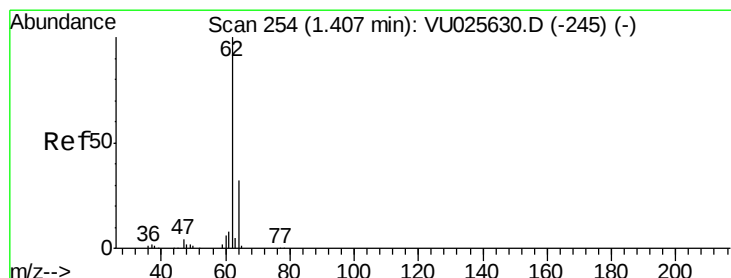
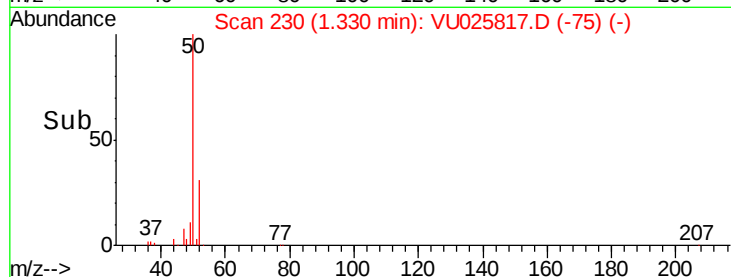
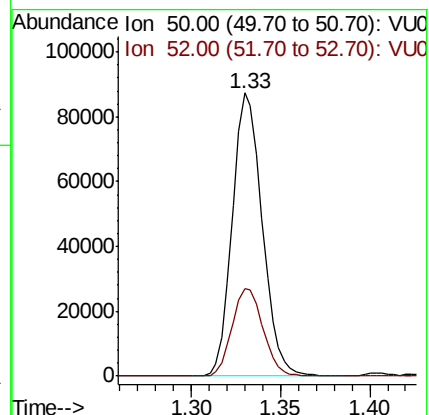
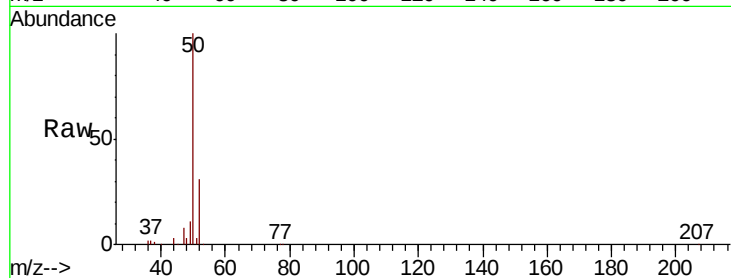
VSTDCCC010EC

Tgt Ion: 50 Resp: 101989

Ion Ratio Lower Upper

50 100

52 30.9 26.0 39.0



#4

Vinyl Chloride

Concen: 10.133 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025817.D

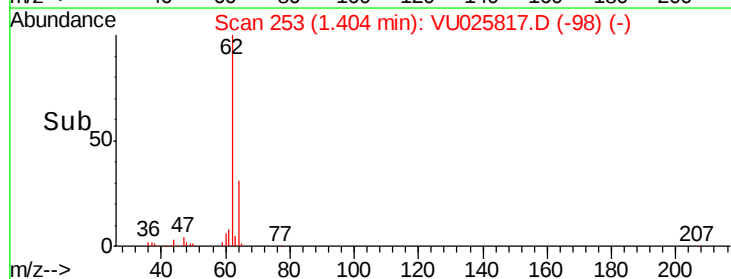
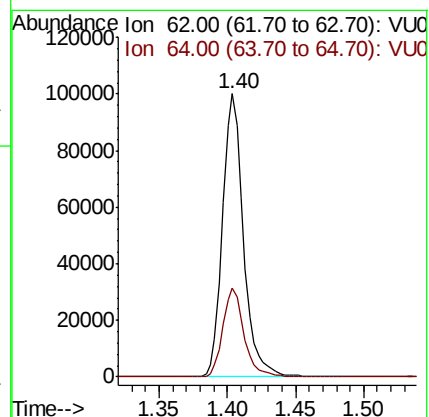
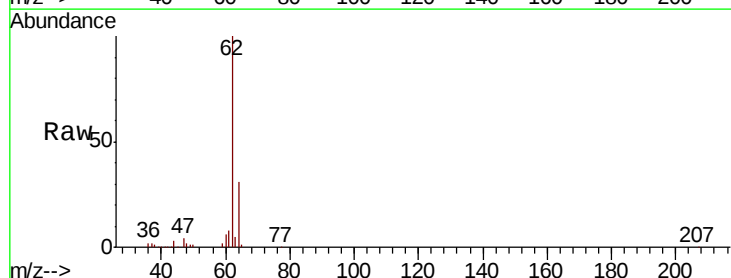
Acq: 03 Aug 2018 14:15

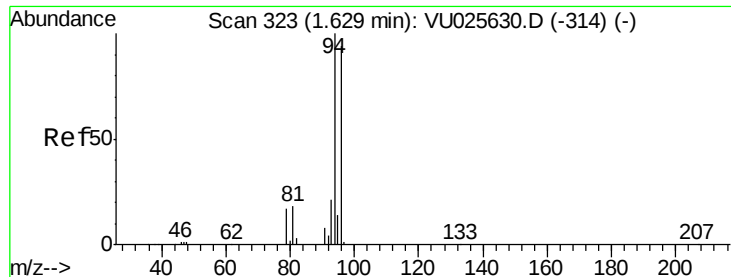
Tgt Ion: 62 Resp: 106495

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 9.723 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

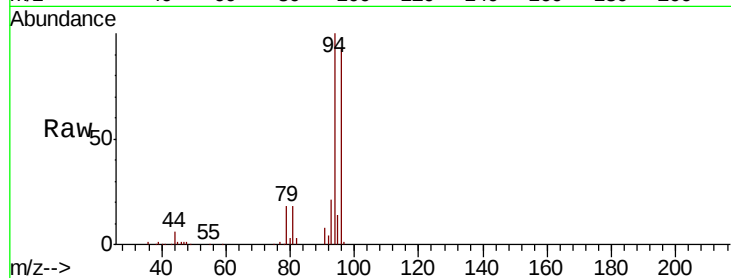
VSTDCCC010EC

Tgt Ion: 94 Resp: 49769

Ion Ratio Lower Upper

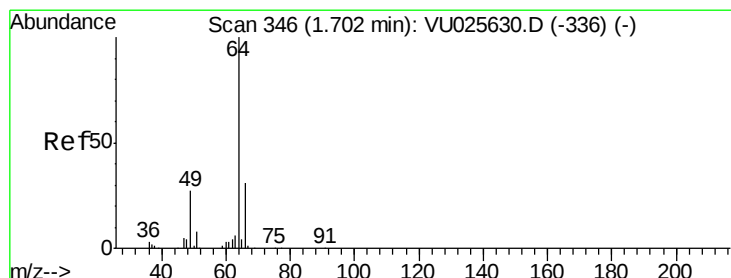
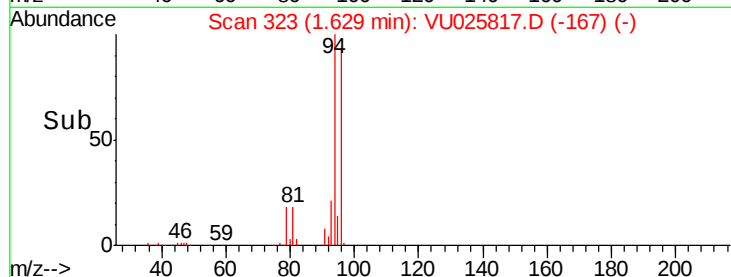
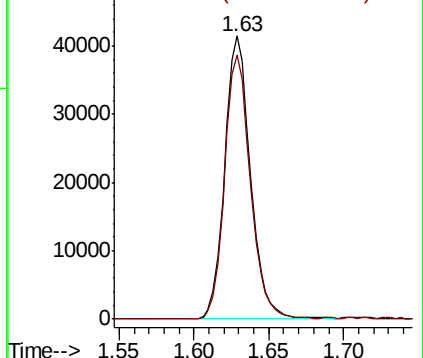
94 100

96 93.1 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU025630.D (-314) (-)

Ion 96.00 (95.70 to 96.70): VU025630.D (-314) (-)



#6

Chloroethane

Concen: 10.038 ug/l

RT: 1.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU025817.D

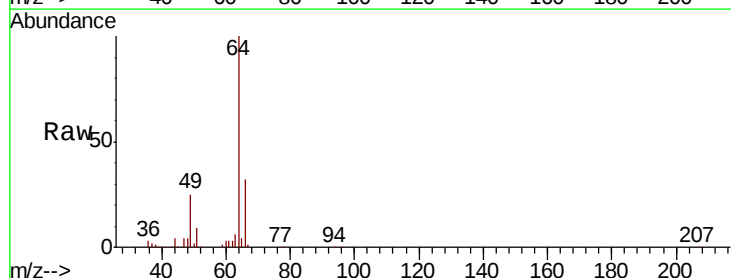
Acq: 03 Aug 2018 14:15

Tgt Ion: 64 Resp: 63305

Ion Ratio Lower Upper

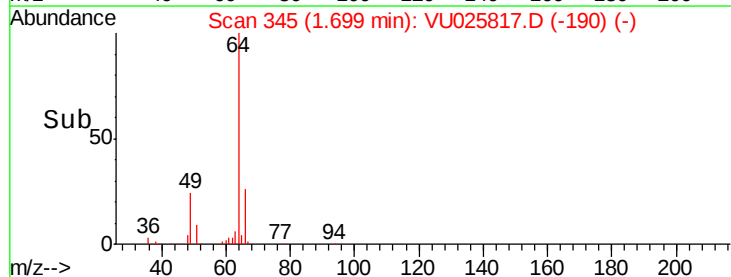
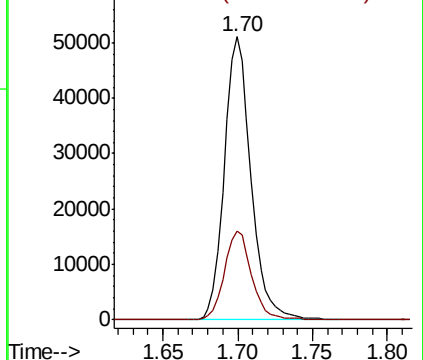
64 100

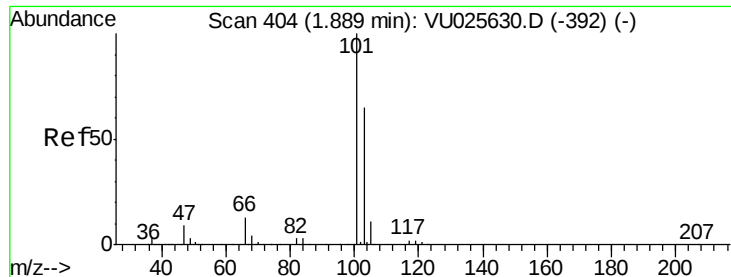
66 31.6 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU025630.D (-336) (-)

Ion 66.00 (65.70 to 66.70): VU025630.D (-336) (-)



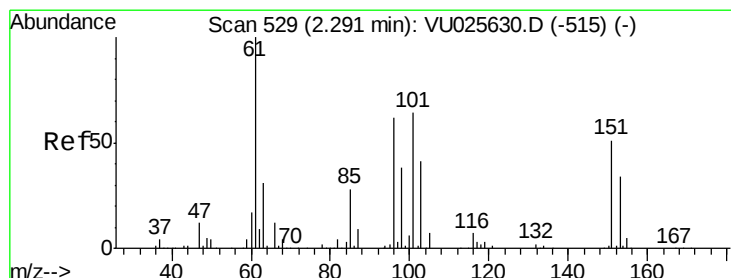
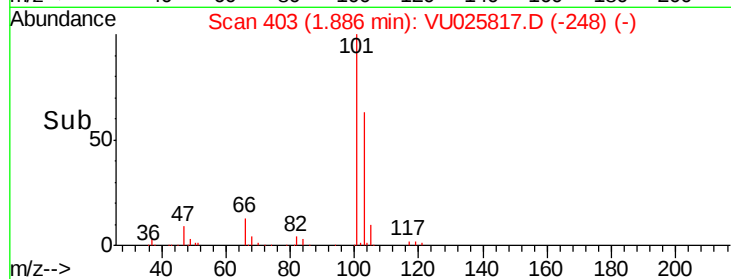
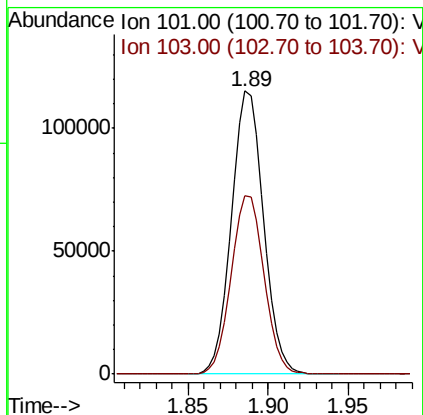
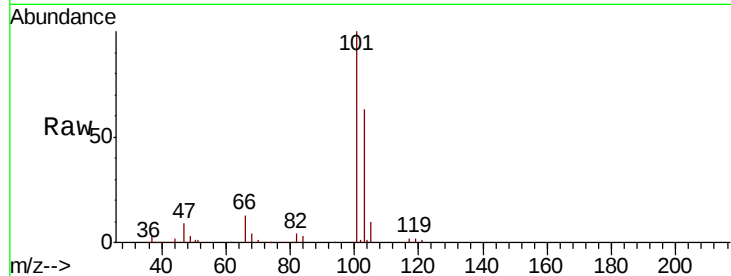


#7

Trichlorofluoromethane
 Concen: 10.208 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Instrument :
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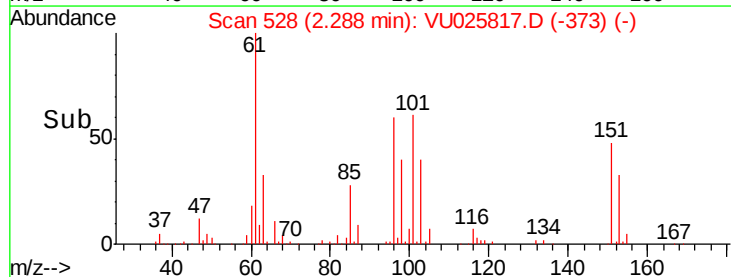
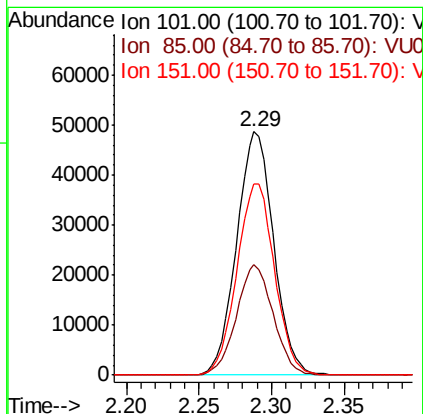
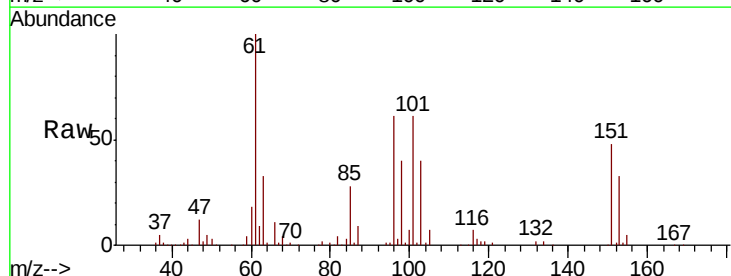
Tgt Ion:101 Resp: 156454
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0

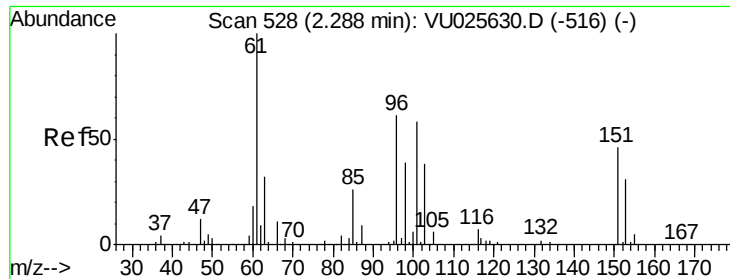


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.255 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion:101 Resp: 86292
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.2 52.8
 151 79.8 63.5 95.3





#9

1,1-Dichloroethene

Concen: 9.893 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

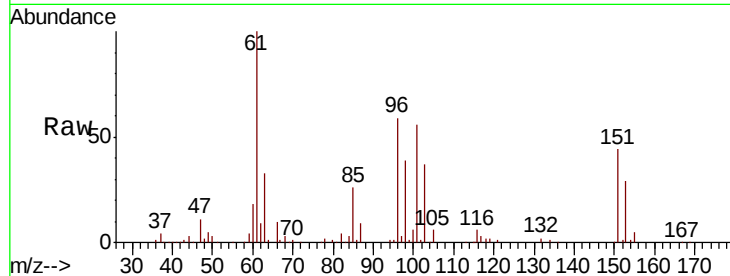
Tgt Ion: 96 Resp: 73458

Ion Ratio Lower Upper

96 100

61 168.8 0.0 526.5

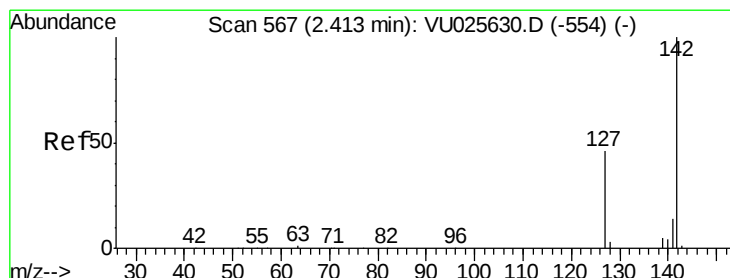
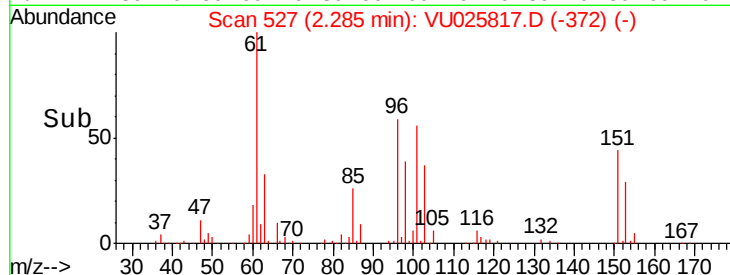
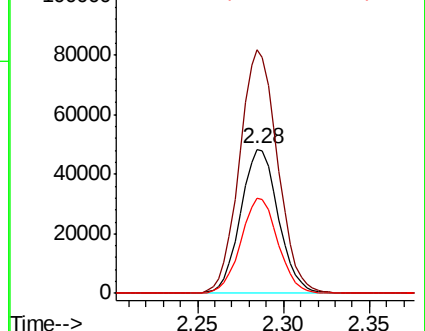
98 66.1 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU025630.D (-516) (-)

Ion 61.00 (60.70 to 61.70): VU025630.D (-516) (-)

Ion 98.00 (97.70 to 98.70): VU025630.D (-516) (-)



#10

Iodomethane

Concen: 8.186 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025817.D

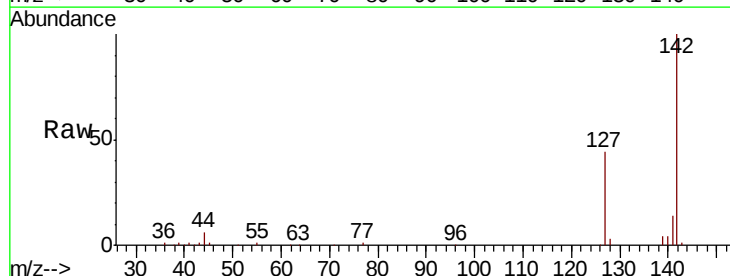
Acq: 03 Aug 2018 14:15

Tgt Ion: 142 Resp: 57990

Ion Ratio Lower Upper

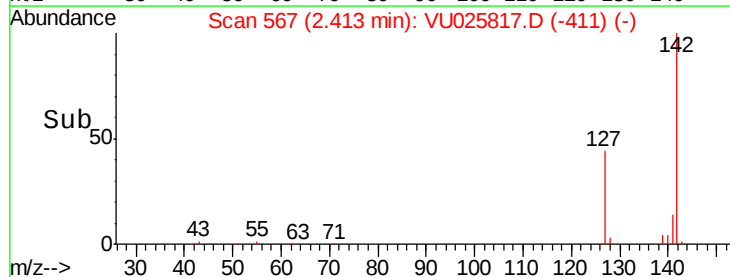
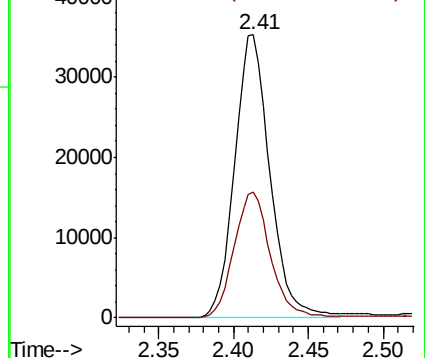
142 100

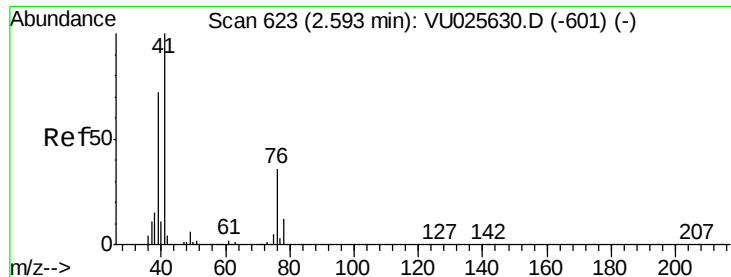
127 45.6 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU025630.D (-554) (-)

Ion 127.00 (126.70 to 127.70): VU025630.D (-554) (-)

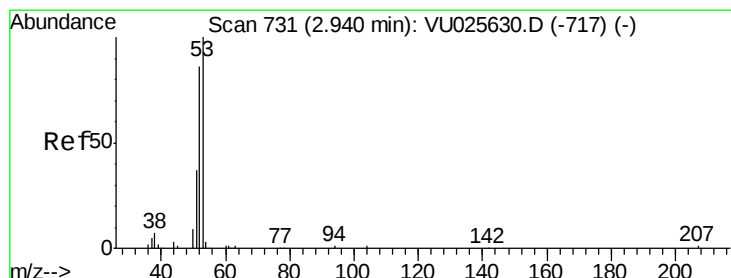
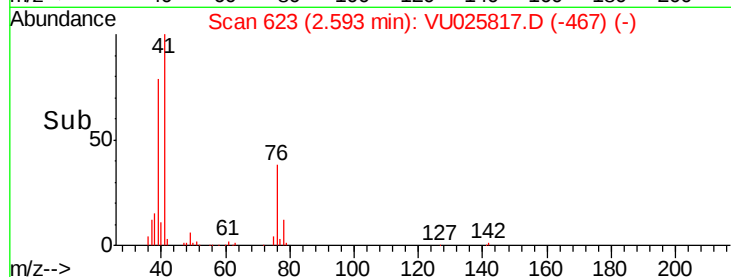
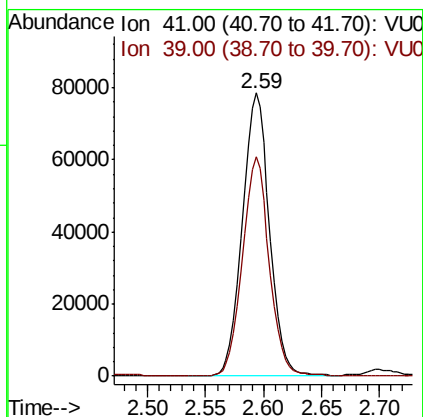
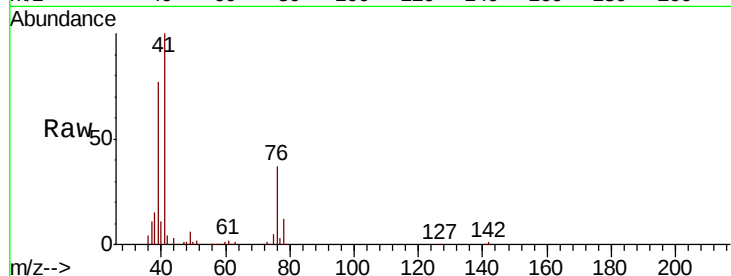




#11
 Allyl Chloride
 Concen: 10.243 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

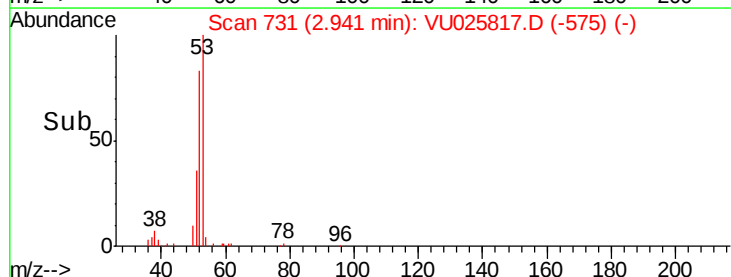
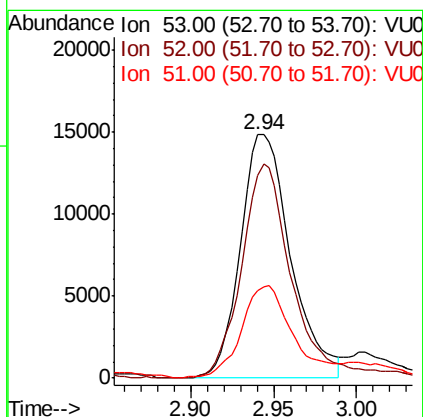
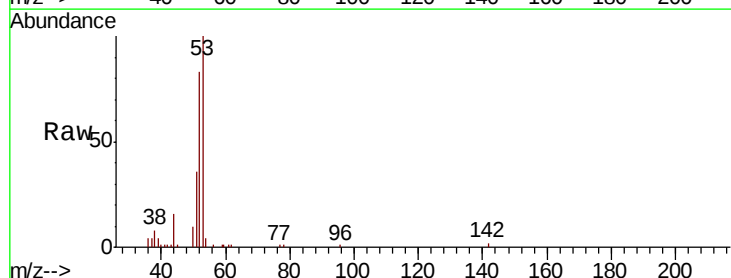
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

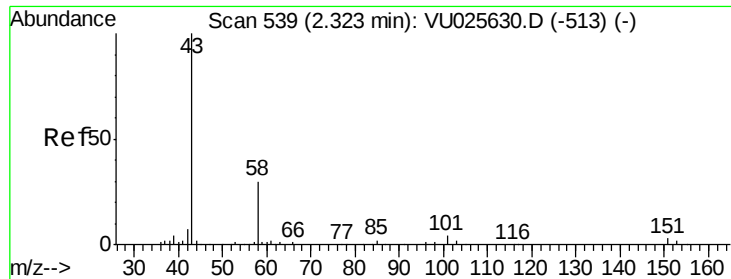
Tgt Ion: 41 Resp: 127140
 Ion Ratio Lower Upper
 41 100
 39 76.4 51.4 77.2



#12
 Acrylonitrile
 Concen: 19.141 ug/l
 RT: 2.94 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion: 53 Resp: 31334
 Ion Ratio Lower Upper
 53 100
 52 89.0 65.1 97.7
 51 39.0 30.2 45.4





#13

Acetone

Concen: 47.881 ug/l

RT: 2.33 min Scan# 541

Delta R.T. 0.01 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

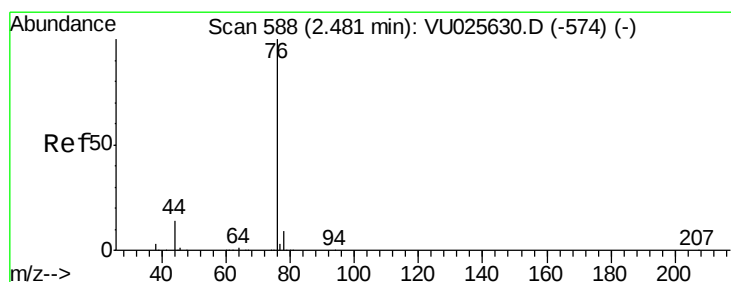
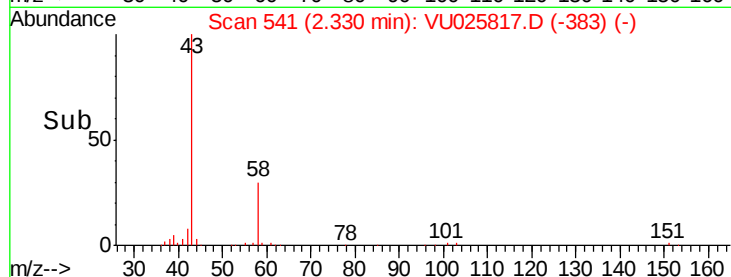
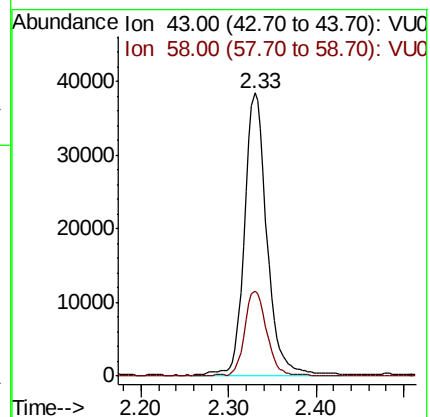
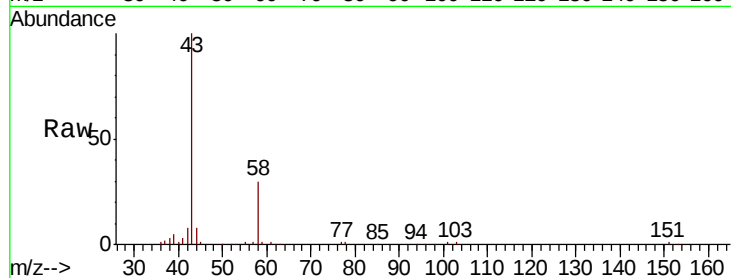
VSTDCCC010EC

Tgt Ion: 43 Resp: 68167

Ion Ratio Lower Upper

43 100

58 30.2 26.0 39.0



#14

Carbon Disulfide

Concen: 9.847 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025817.D

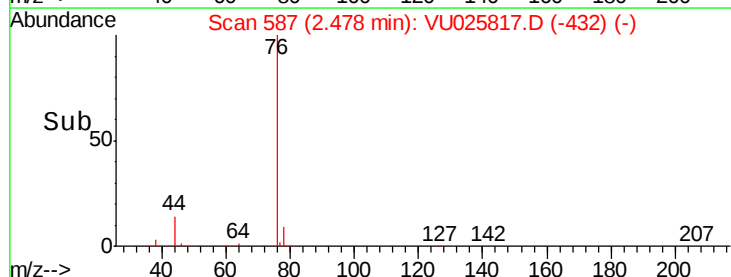
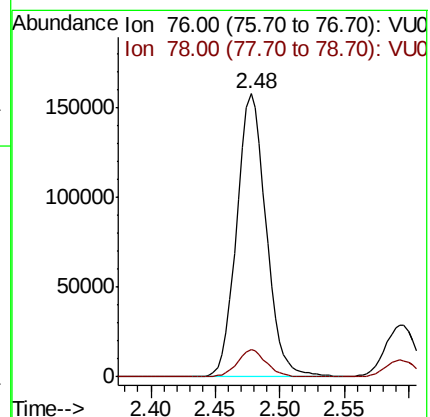
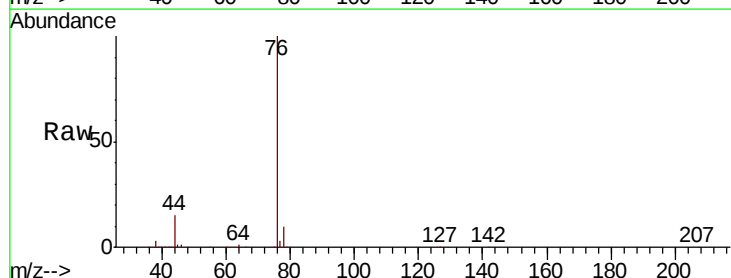
Acq: 03 Aug 2018 14:15

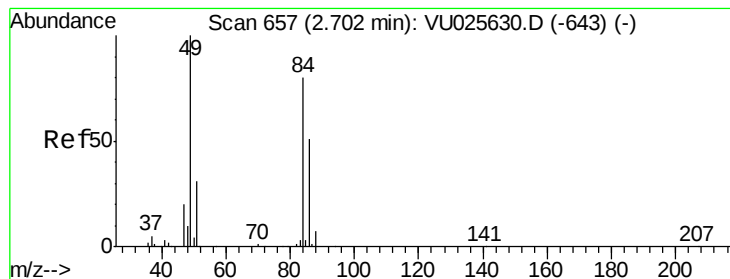
Tgt Ion: 76 Resp: 250099

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methylene Chloride

Concen: 9.177 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 84 Resp: 81243

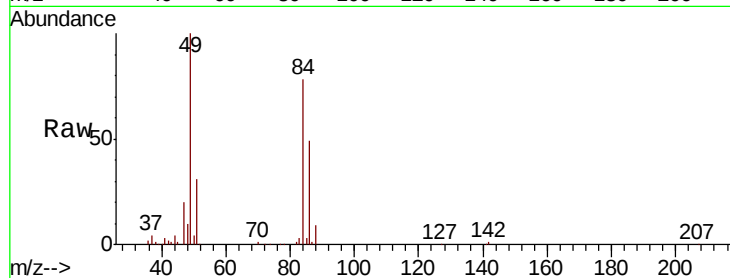
Ion Ratio Lower Upper

84 100

49 128.5 108.7 163.1

51 39.3 0.0 82.4

86 62.5 50.7 76.1

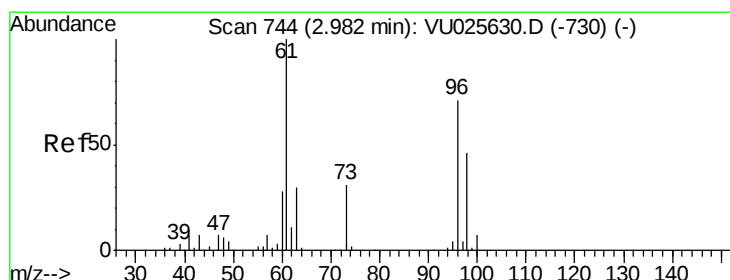
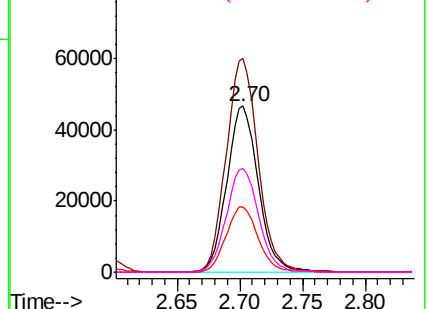
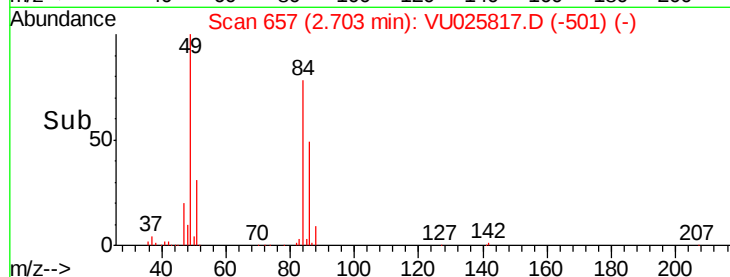


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 10.194 ug/l

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

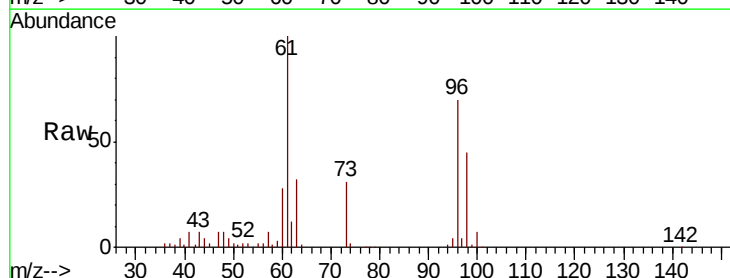
Tgt Ion: 96 Resp: 84870

Ion Ratio Lower Upper

96 100

61 141.9 123.9 185.9

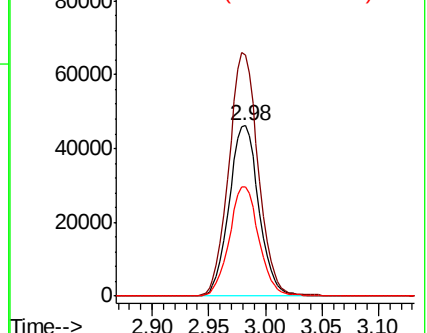
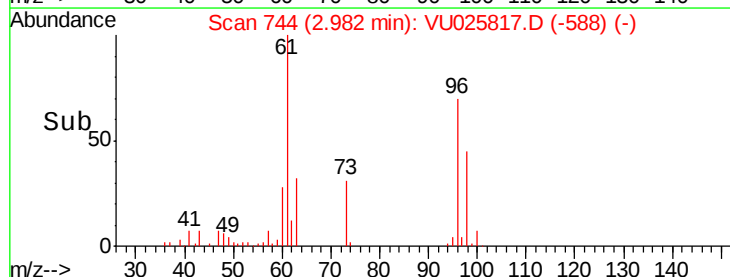
98 64.3 50.6 76.0

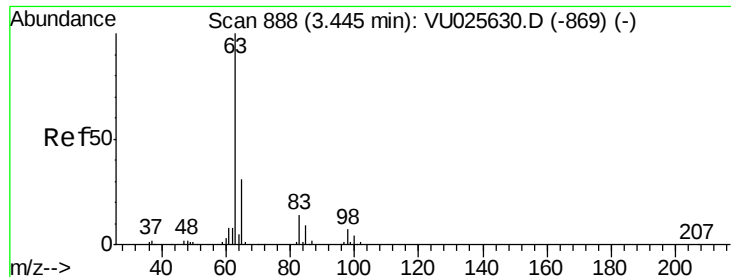


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

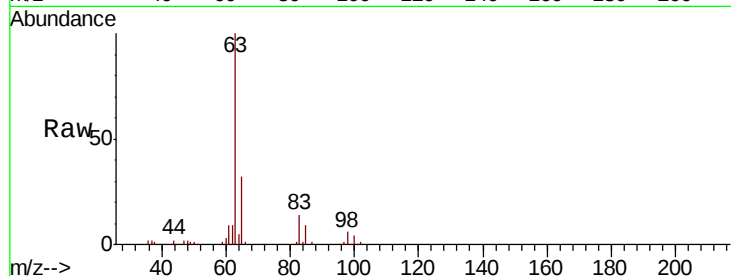




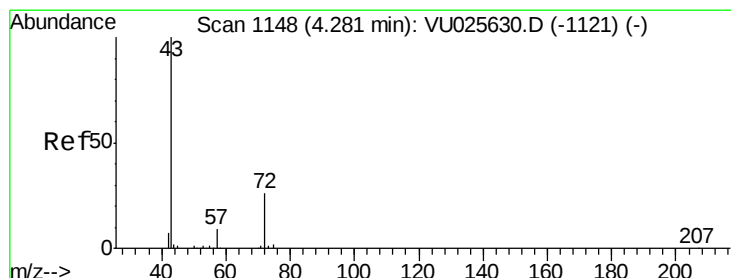
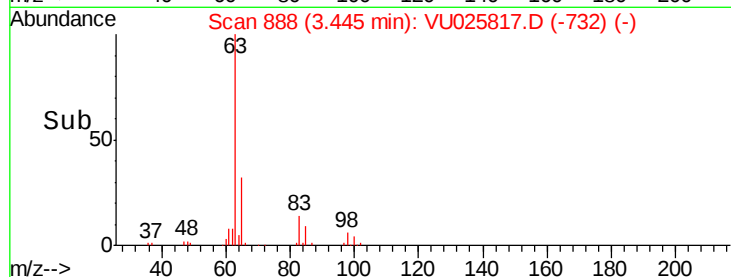
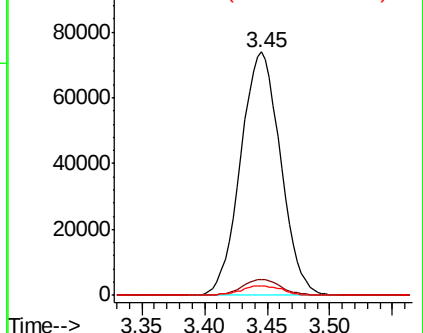
#17
 1,1-Dichloroethane
 Concen: 9.915 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:	63	Resp:	163729
Ion	Ratio	Lower	Upper
63	100		
98	6.5	2.9	8.8
100	3.9	2.0	5.8

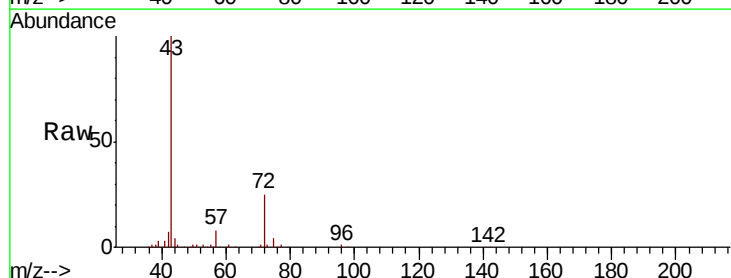


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

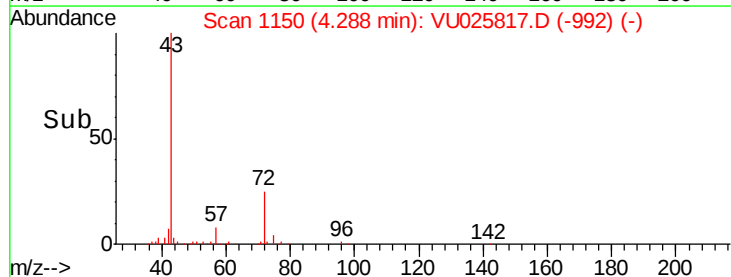
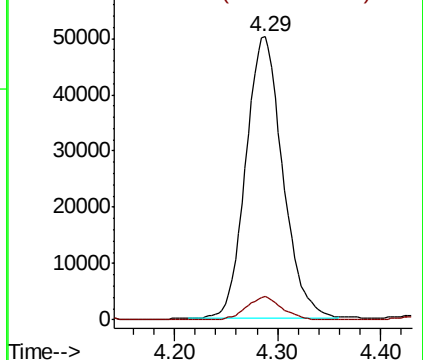


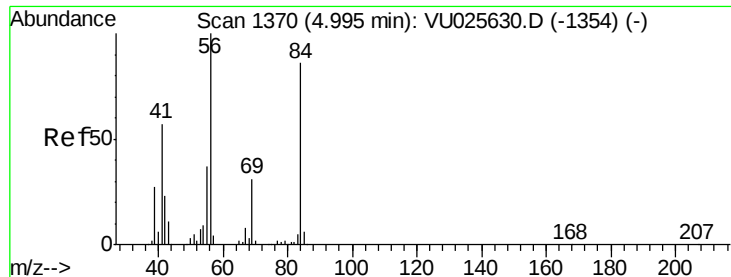
#18
 2-Butanone
 Concen: 50.328 ug/l
 RT: 4.29 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion:	43	Resp:	124334
Ion	Ratio	Lower	Upper
43	100		
57	8.2	0.0	15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

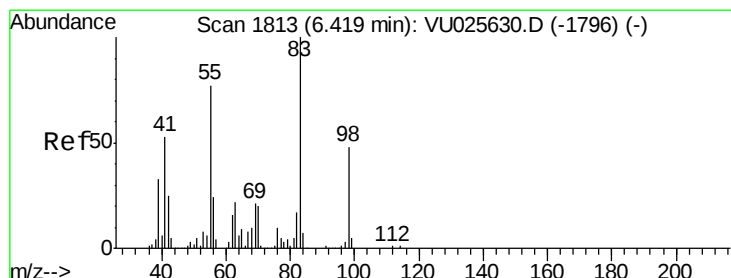
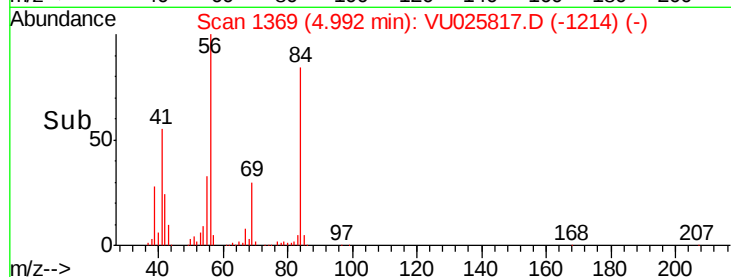
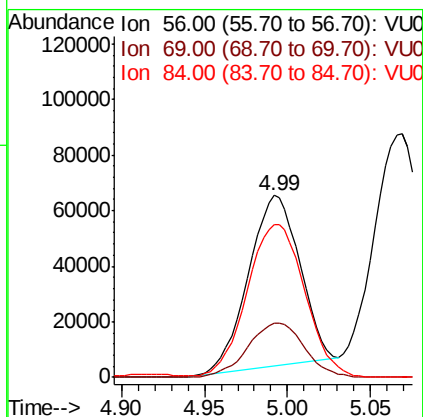
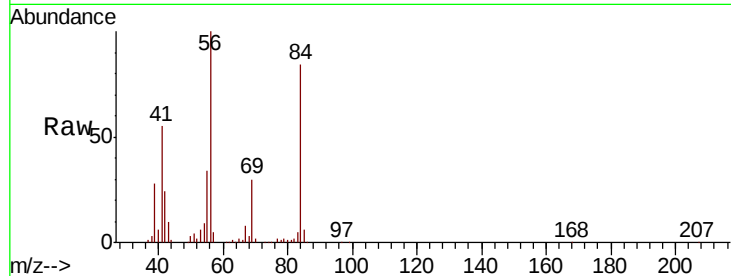




#19
Cyclohexane
Concen: 10.313 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

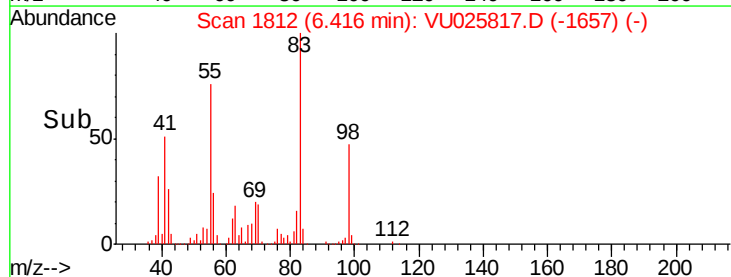
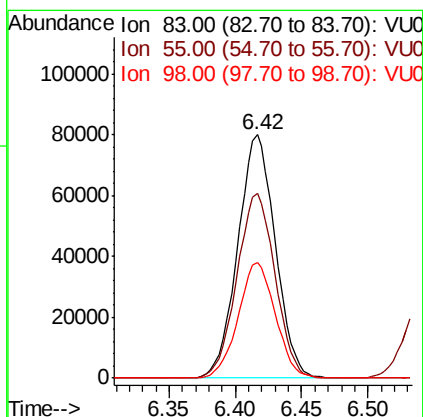
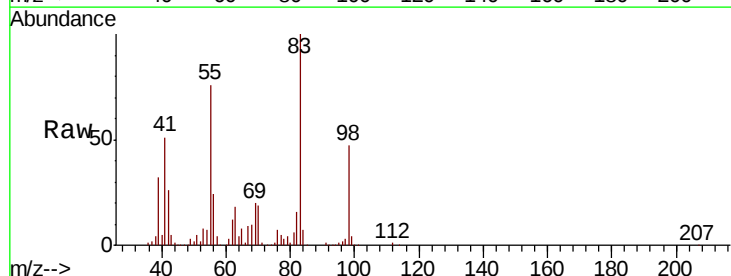
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

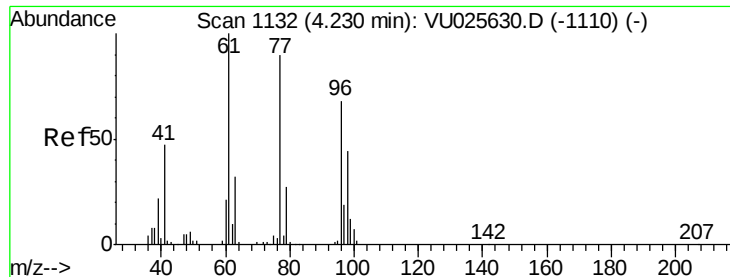
Tgt Ion: 56 Resp: 131310
Ion Ratio Lower Upper
56 100
69 35.5 26.0 39.0
84 100.4 68.3 102.5



#20
Methylcyclohexane
Concen: 10.015 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion: 83 Resp: 156427
Ion Ratio Lower Upper
83 100
55 77.0 66.4 99.6
98 47.1 35.4 53.2





#21

2,2-Dichloropropane

Concen: 10.058 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

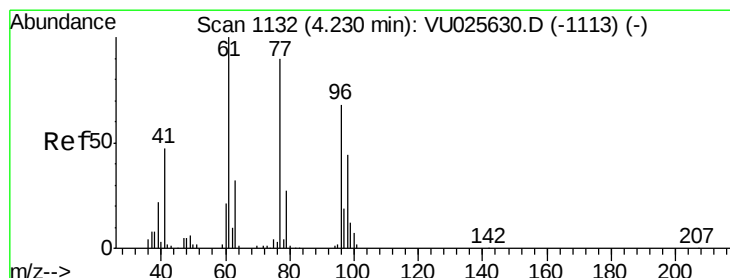
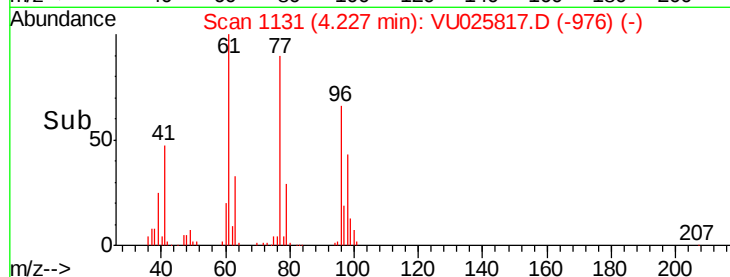
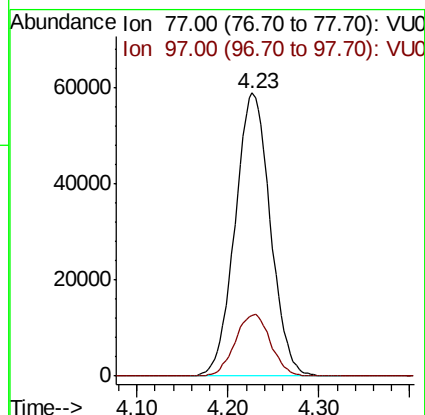
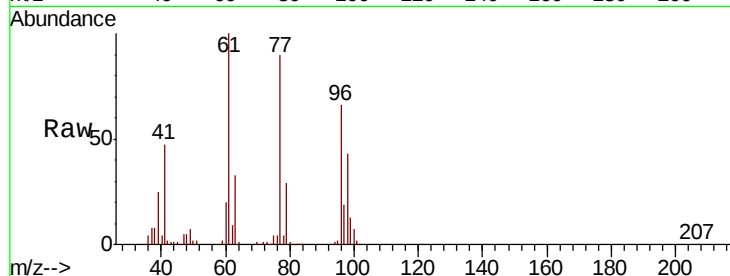
VSTDCCC010EC

Tgt Ion: 77 Resp: 158349

Ion Ratio Lower Upper

77 100

97 21.9 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 10.024 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

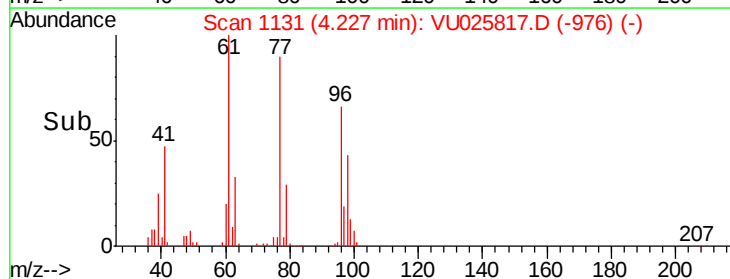
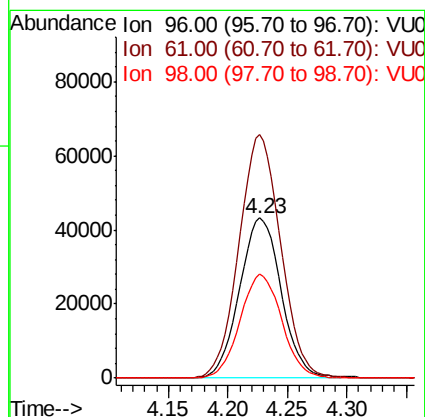
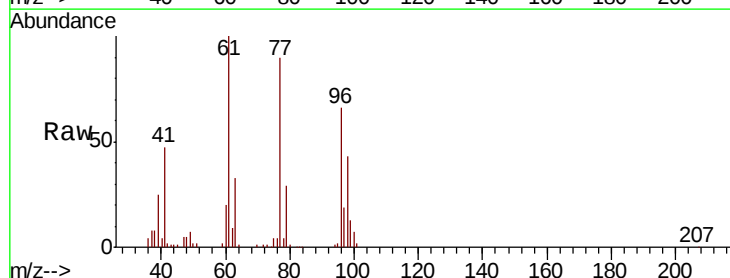
Tgt Ion: 96 Resp: 105068

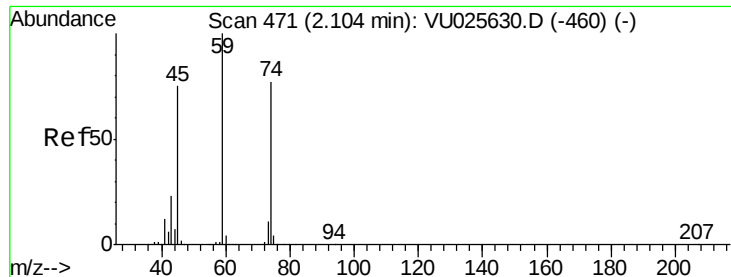
Ion Ratio Lower Upper

96 100

61 152.3 0.0 400.5

98 65.0 32.2 96.6

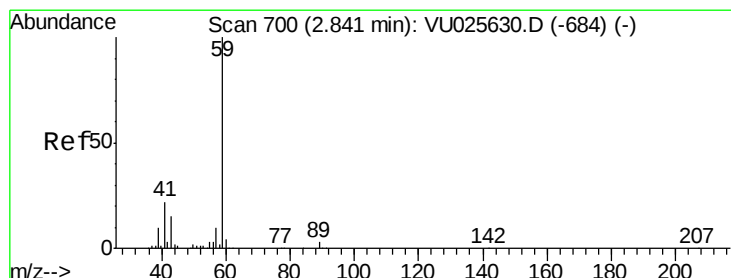
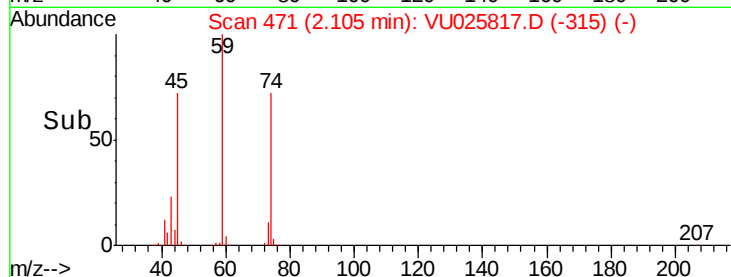
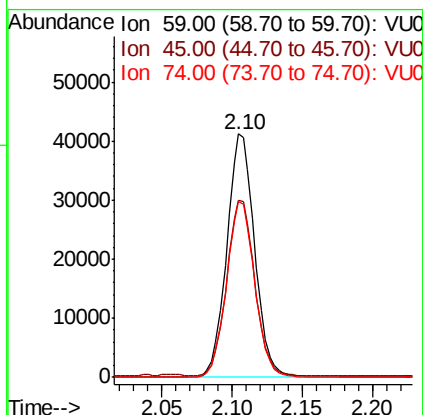
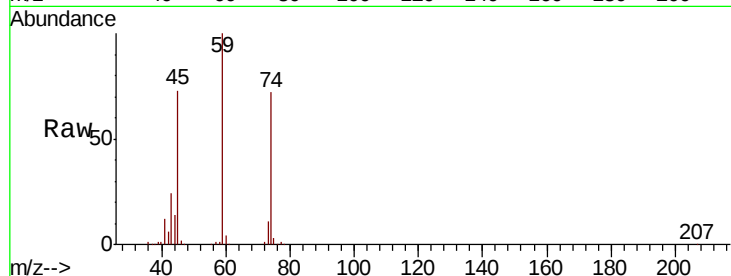




#23
Diethyl Ether
Concen: 10.094 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

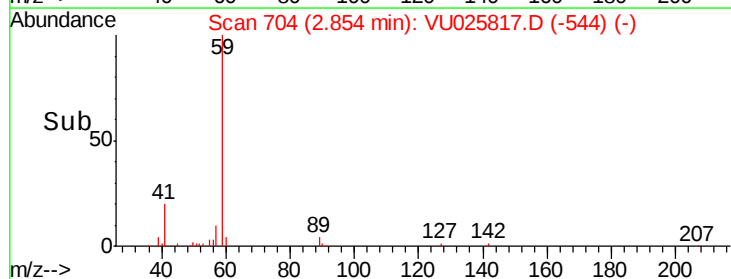
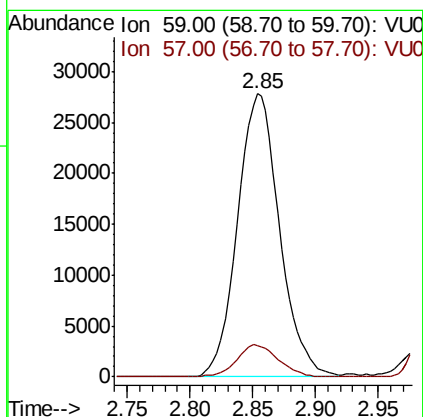
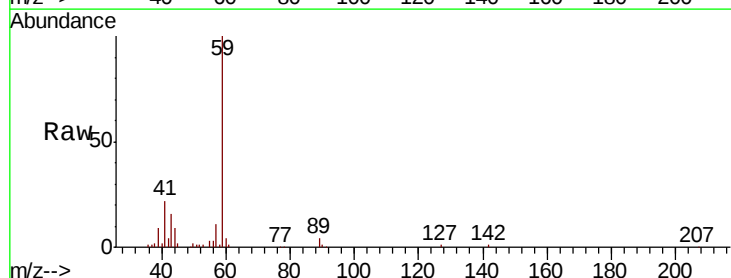
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

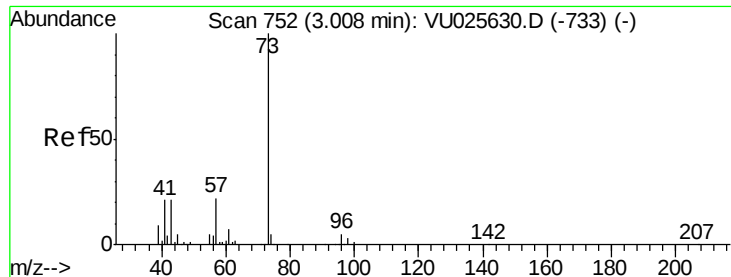
Tgt Ion: 59 Resp: 56773
Ion Ratio Lower Upper
59 100
45 72.8 60.0 90.0
74 73.2 56.5 84.7



#24
tert-Butyl Alcohol
Concen: 97.854 ug/l
RT: 2.85 min Scan# 704
Delta R.T. 0.01 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion: 59 Resp: 64647
Ion Ratio Lower Upper
59 100
57 11.1 3.4 5.2#





#25

Methyl tert-Butyl Ether

Concen: 9.883 ug/l

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

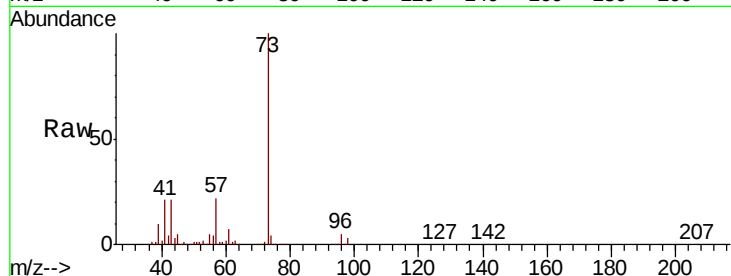
VSTDCCC010EC

Tgt Ion: 73 Resp: 198462

Ion Ratio Lower Upper

73 100

43 21.1 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VU025630.D (-733) (-)

Ion 43.00 (42.70 to 43.70): VU025630.D (-733) (-)

3.01

100000

80000

60000

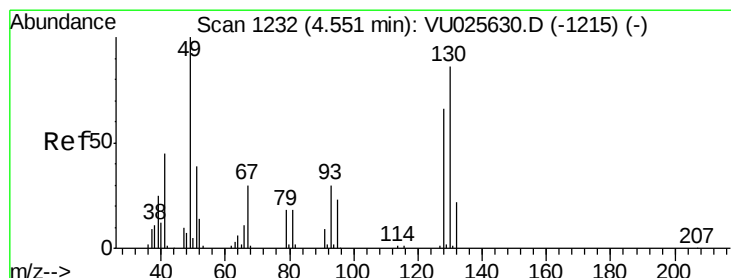
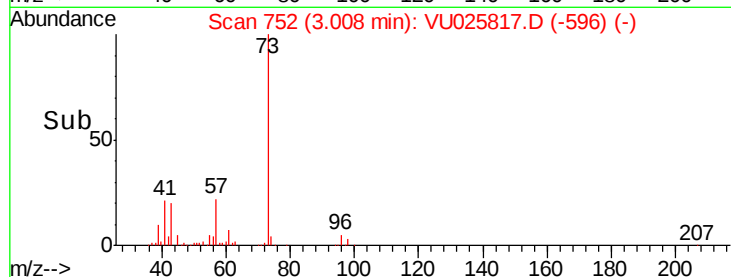
40000

20000

0

Time-->

2.90 2.95 3.00 3.05 3.10



#26

Bromochloromethane

Concen: 10.061 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

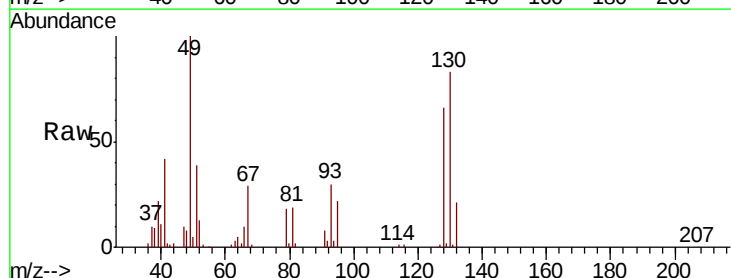
Tgt Ion: 128 Resp: 46442

Ion Ratio Lower Upper

128 100

49 149.7 0.0 375.2

130 127.8 105.8 158.6



Abundance Ion 128.00 (127.70 to 128.70): VU025630.D (-1215) (-)

Ion 49.00 (48.70 to 49.70): VU025630.D (-1215) (-)

Ion 130.00 (129.70 to 130.70): VU025630.D (-1215) (-)

4.55

40000

30000

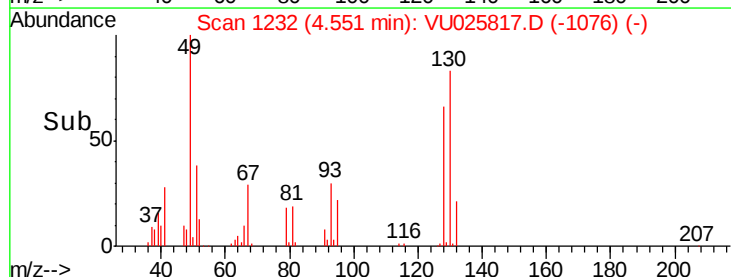
20000

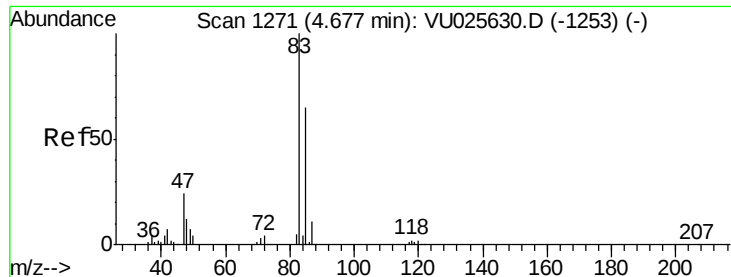
10000

0

Time-->

4.45 4.50 4.55 4.60 4.65





#27

Chloroform

Concen: 10.192 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

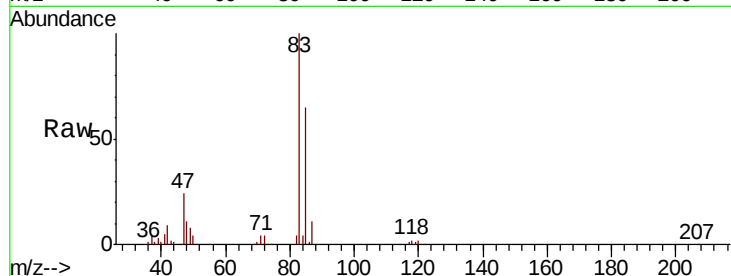
VSTDCCC010EC

Tgt Ion: 83 Resp: 184958

Ion Ratio Lower Upper

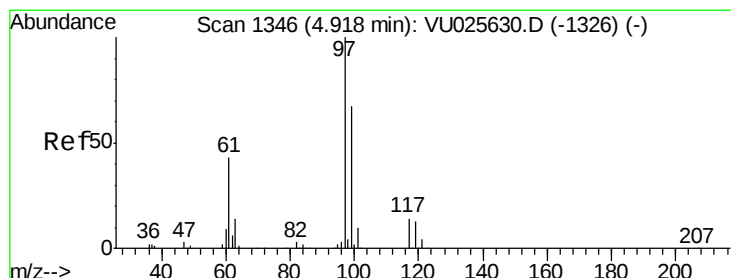
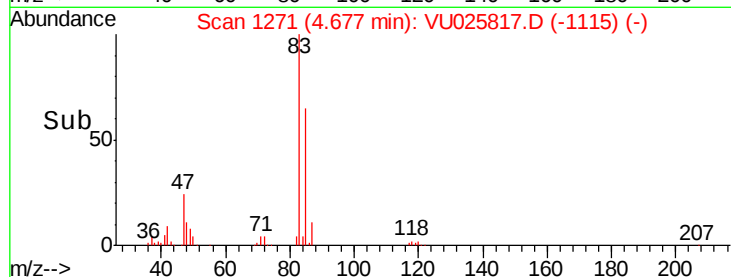
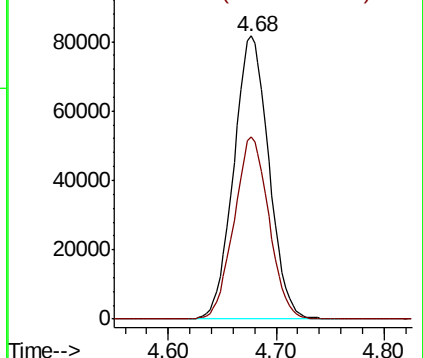
83 100

85 64.6 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 10.188 ug/l

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

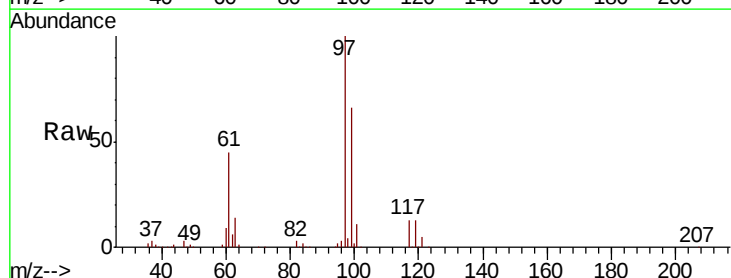
Tgt Ion: 97 Resp: 166742

Ion Ratio Lower Upper

97 100

99 64.4 32.3 96.9

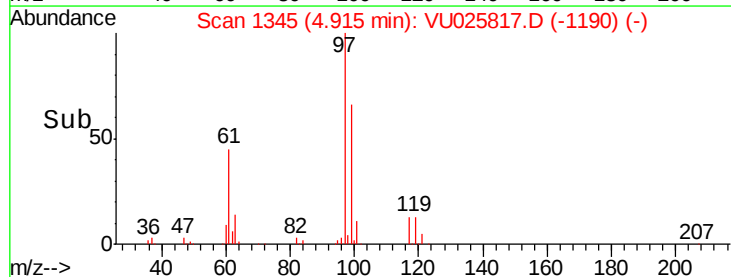
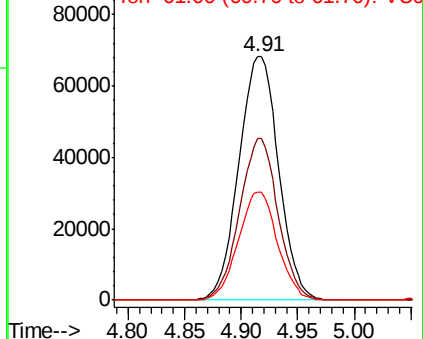
61 43.8 23.2 69.5

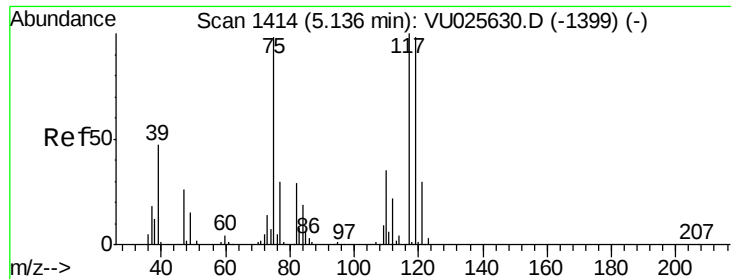


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

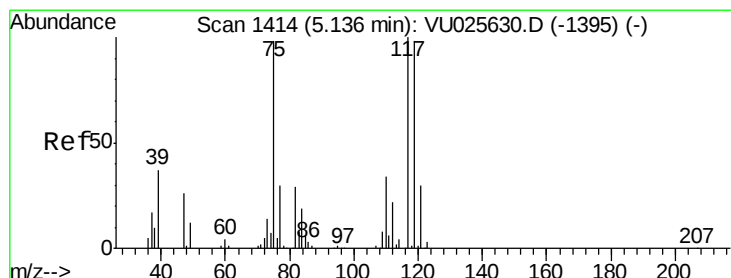
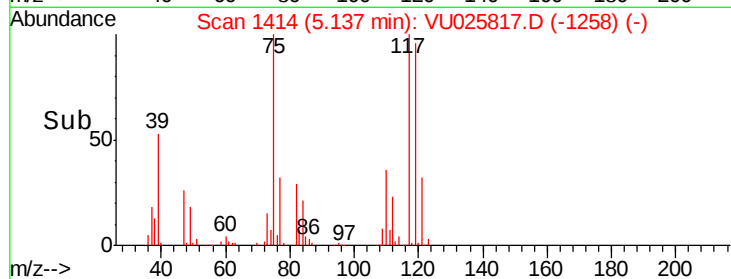
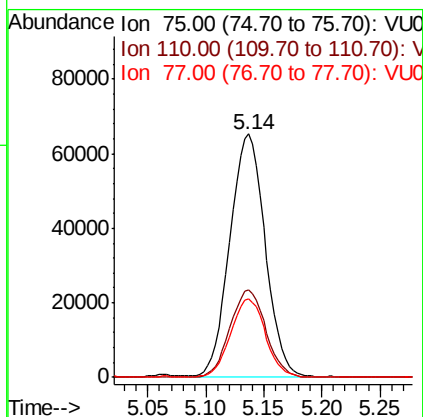
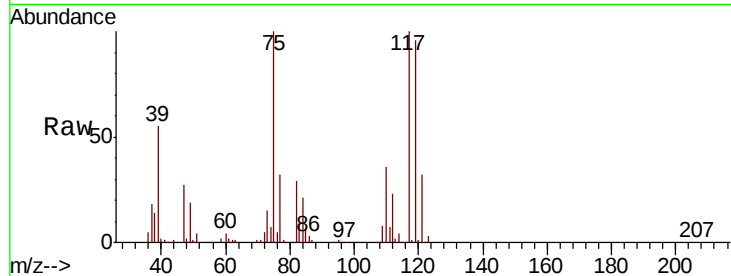




#29
 1,1-Dichloropropene
 Concen: 10.231 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

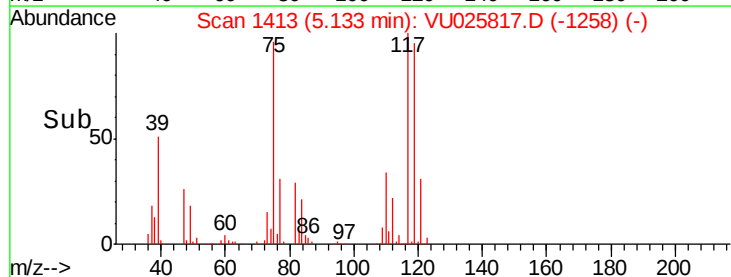
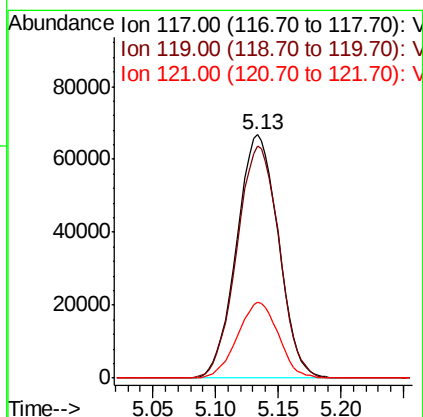
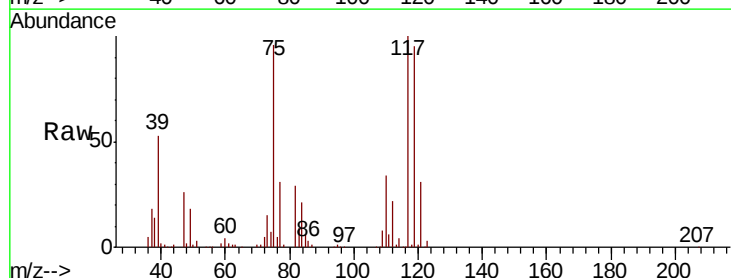
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

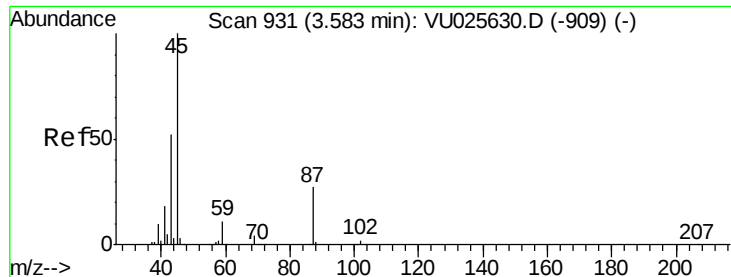
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	16.9	50.7
77	32.2	24.8	37.2



#30
 Carbon Tetrachloride
 Concen: 10.403 ug/l
 RT: 5.13 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
121	31.1	24.5	36.7





#31

Isopropyl Ether

Concen: 10.249 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

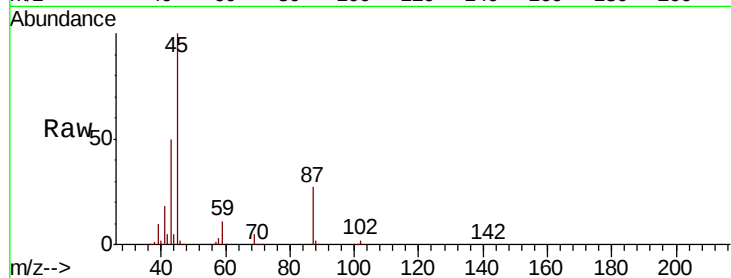
VSTDCCC010EC

Tgt Ion: 45 Resp: 271142

Ion Ratio Lower Upper

45 100

43 51.4 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU025630.D (-909) (-)

Ion 43.00 (42.70 to 43.70): VU025630.D (-909) (-)

3.58

120000

100000

80000

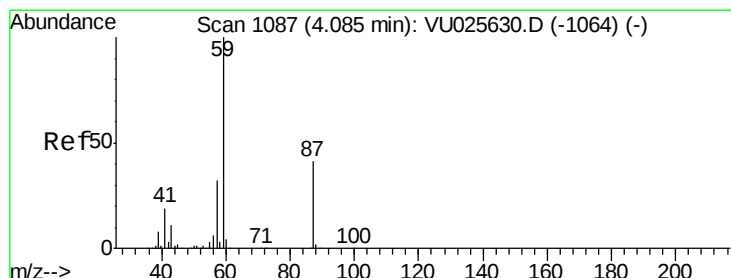
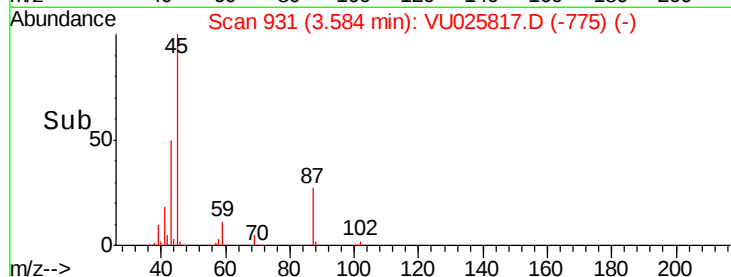
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.066 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025817.D

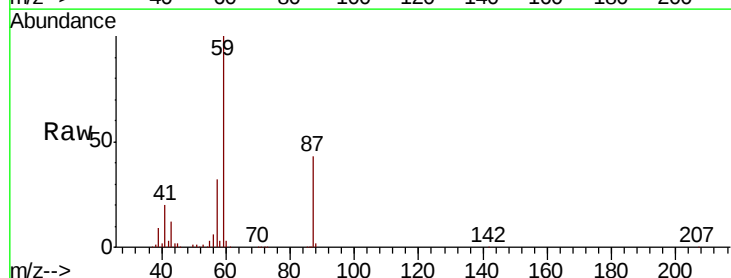
Acq: 03 Aug 2018 14:15

Tgt Ion: 59 Resp: 253067

Ion Ratio Lower Upper

59 100

87 43.1 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU025630.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VU025630.D (-1064) (-)

4.08

100000

80000

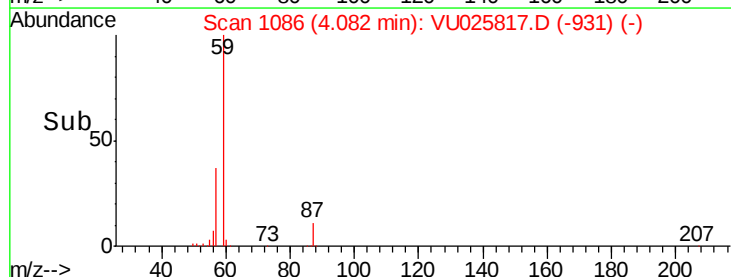
60000

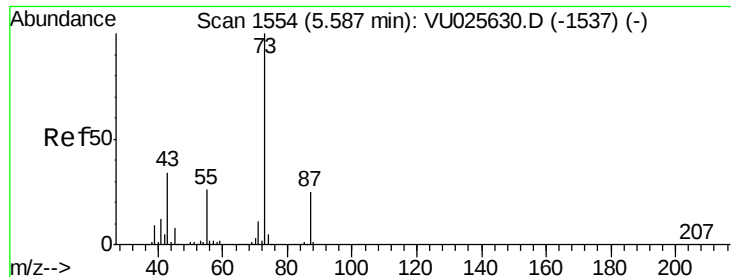
40000

20000

0

Time-->

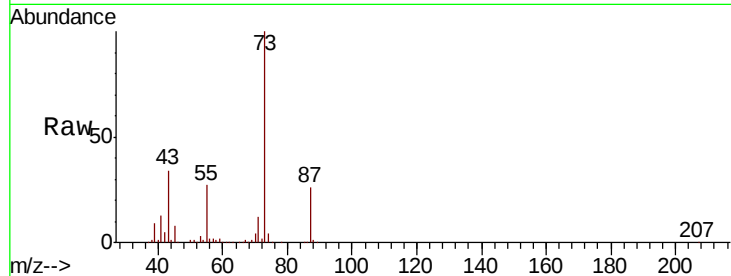




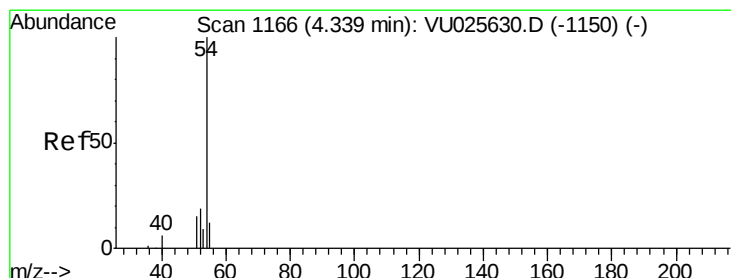
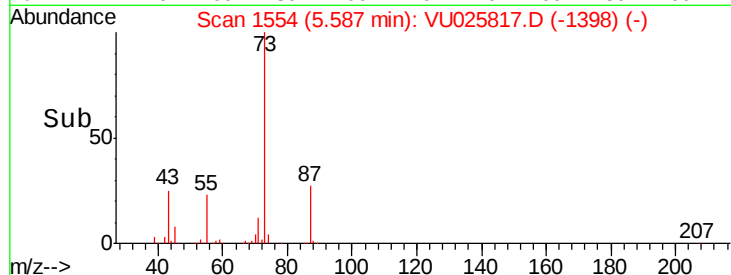
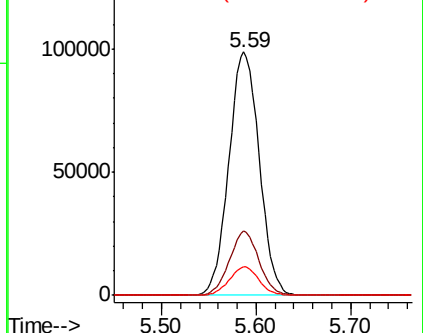
#33
Tert-Amyl methyl ether
Concen: 9.932 ug/l
RT: 5.59 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 73 Resp: 220468
Ion Ratio Lower Upper
73 100
87 25.6 18.6 28.0
71 11.3 9.3 13.9

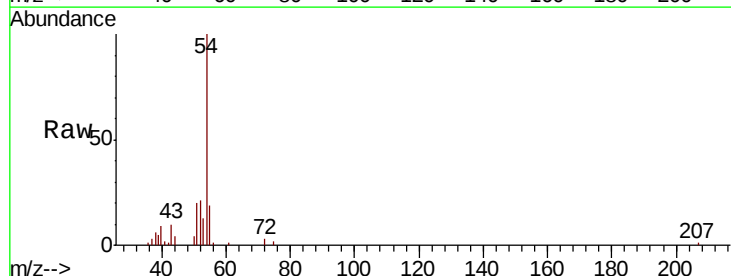


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

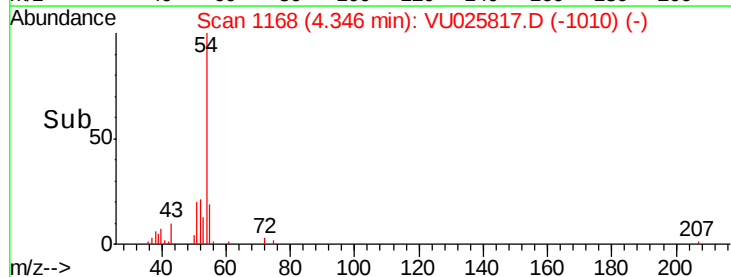
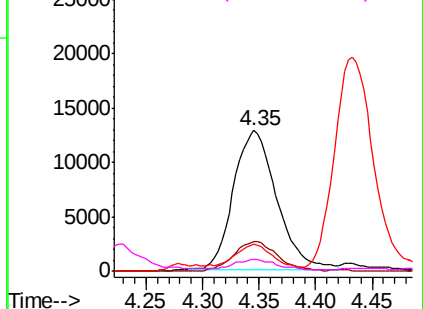


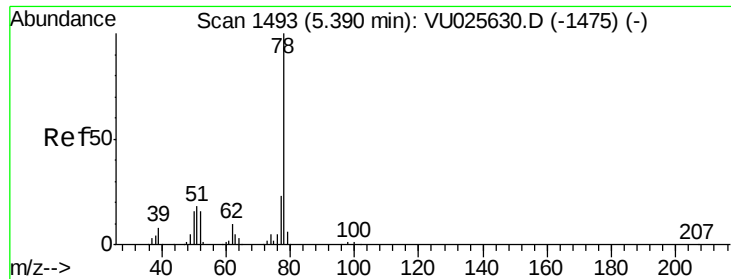
#34
Propionitrile
Concen: 49.341 ug/l
RT: 4.35 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion: 54 Resp: 33869
Ion Ratio Lower Upper
54 100
52 21.5 13.7 20.5#
55 13.7 10.2 15.2
40 6.4 3.5 5.3#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 10.332 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

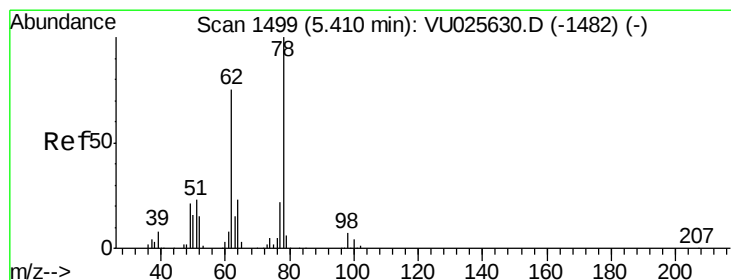
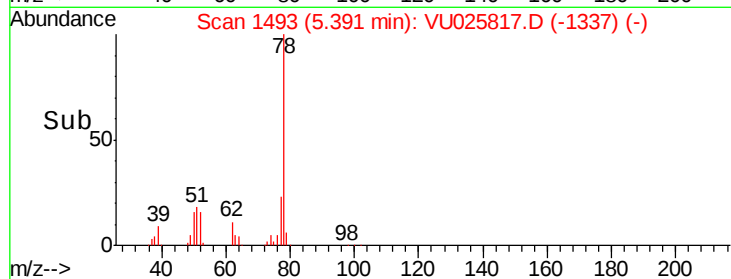
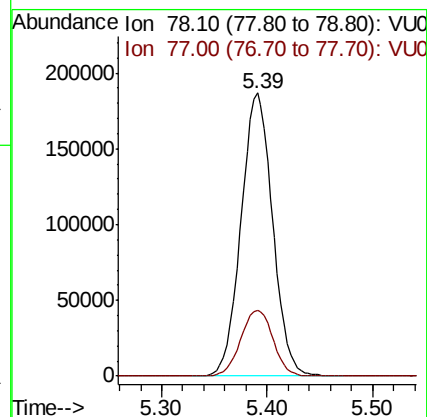
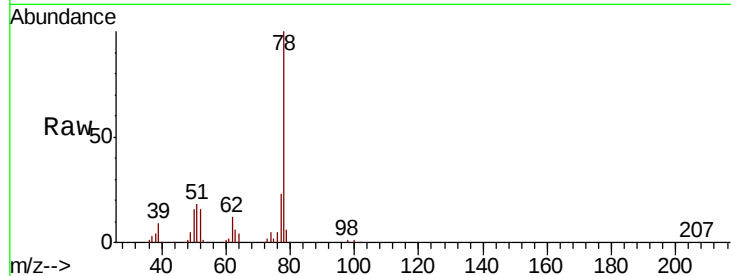
VSTDCCC010EC

Tgt Ion: 78 Resp: 387701

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7



#36

1,2-Dichloroethane

Concen: 10.340 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025817.D

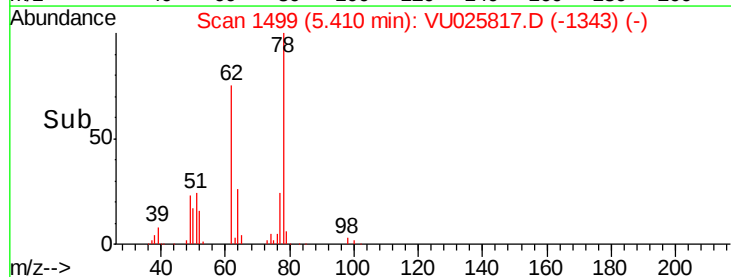
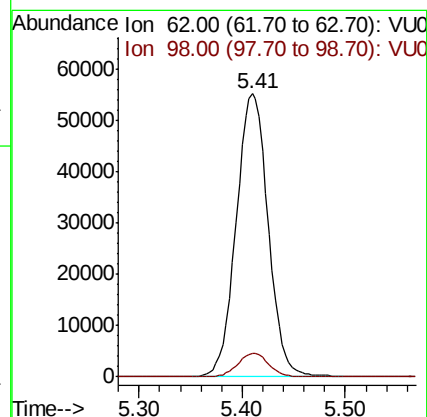
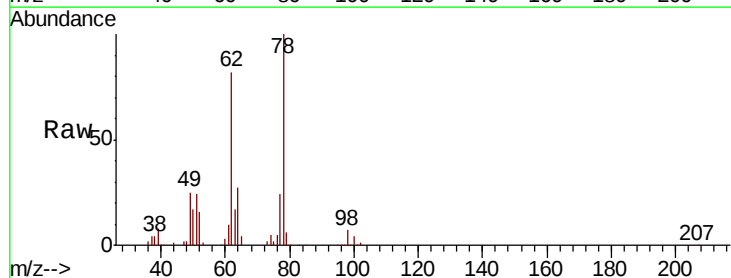
Acq: 03 Aug 2018 14:15

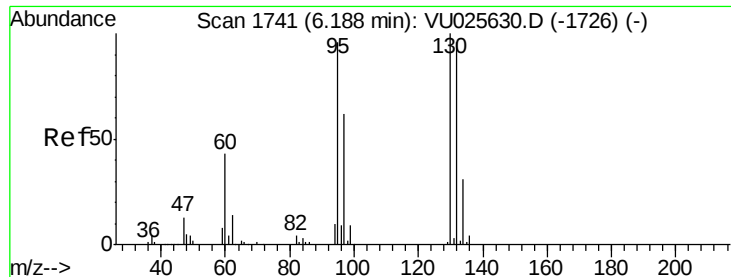
Tgt Ion: 62 Resp: 119118

Ion Ratio Lower Upper

62 100

98 8.0 7.2 10.8

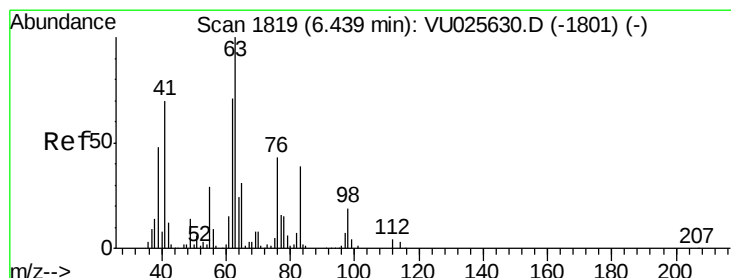
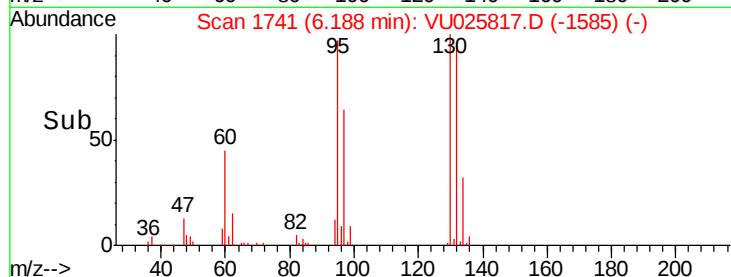
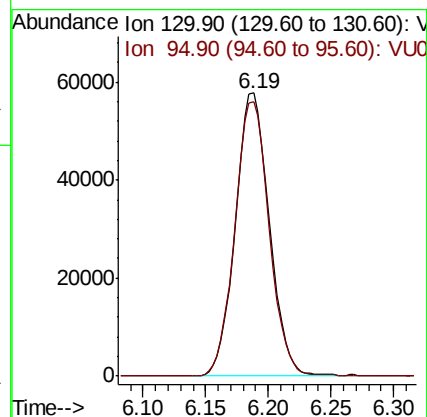
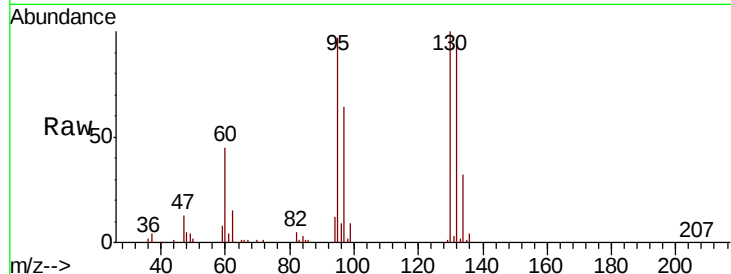




#37
 Trichloroethene
 Concen: 9.840 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

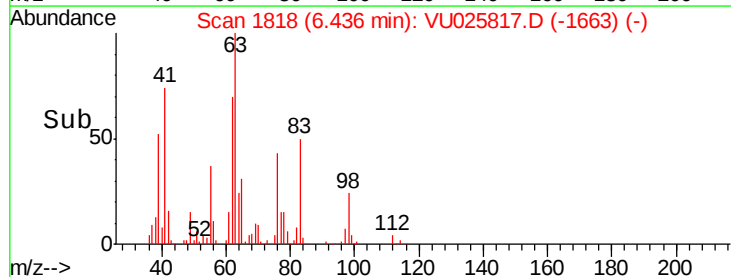
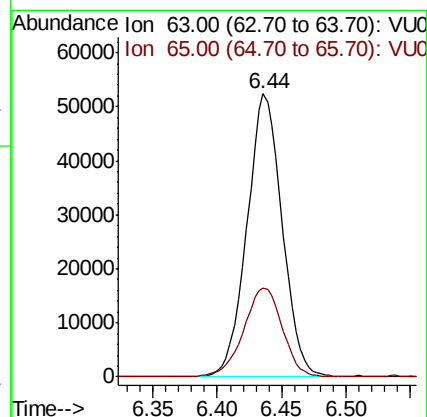
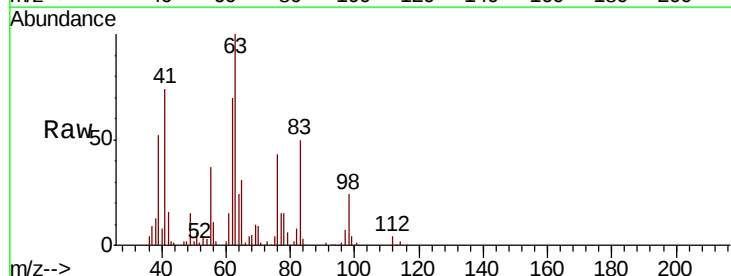
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

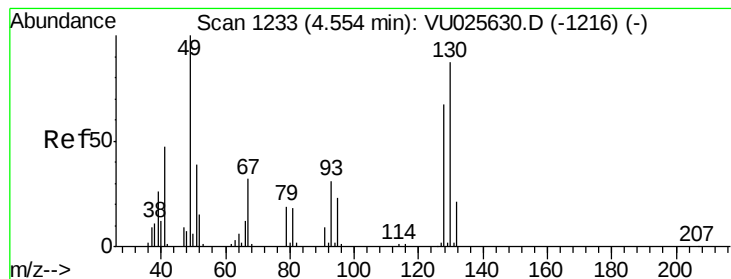
Tgt Ion:130 Resp: 108769
 Ion Ratio Lower Upper
 130 100
 95 97.1 77.9 116.9



#38
 1,2-Dichloropropane
 Concen: 10.226 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion: 63 Resp: 99563
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.8 38.8





#39

Methacrylonitrile

Concen: 10.059 ug/l

RT: 4.56 min Scan# 1234

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 31786

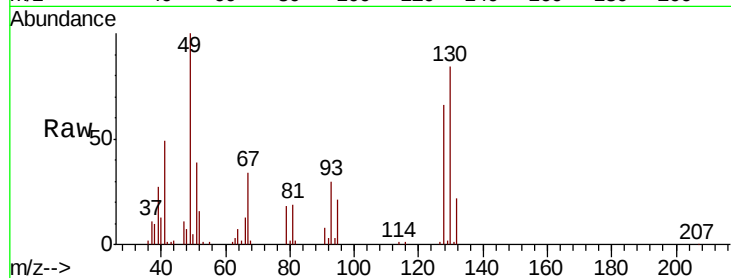
Ion Ratio Lower Upper

41 100

67 68.6 51.3 76.9

39 56.1 40.6 60.8

52 32.0 21.5 32.3

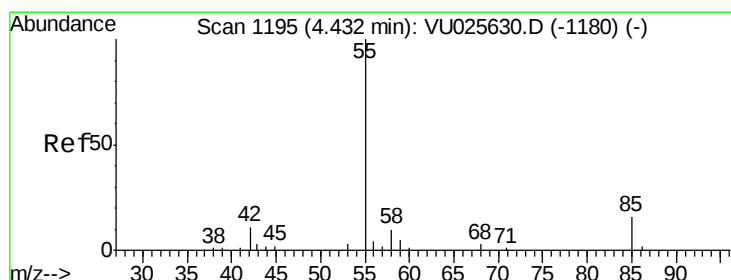
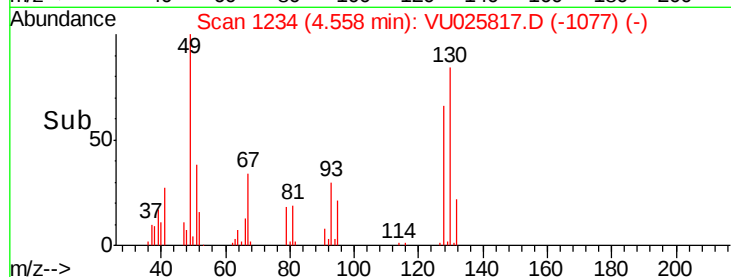
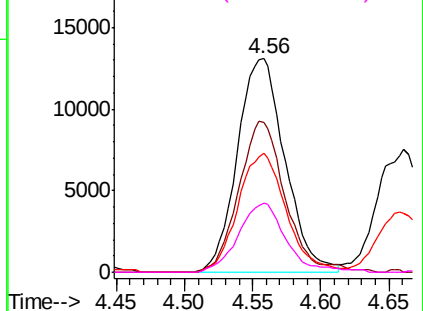


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 9.740 ug/l

RT: 4.43 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Tgt Ion: 55 Resp: 46421

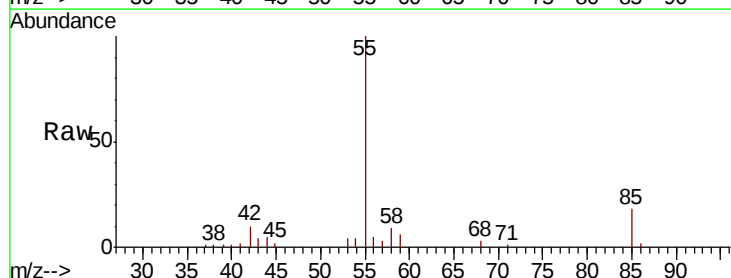
Ion Ratio Lower Upper

55 100

85 18.5 12.3 18.5#

58 8.8 7.0 10.6

42 11.0 7.0 10.4#

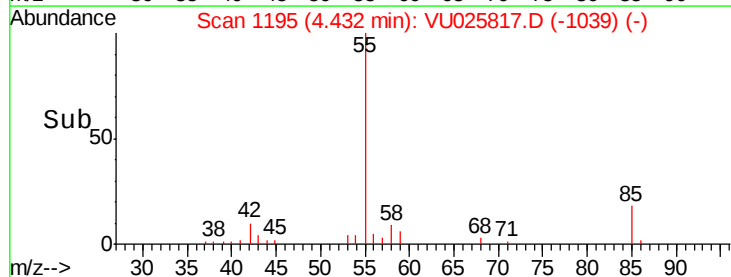
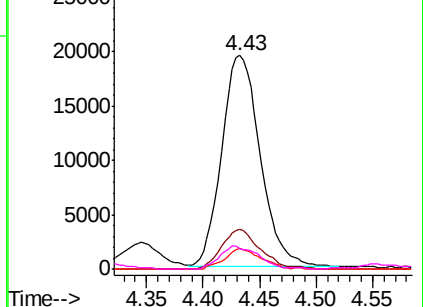


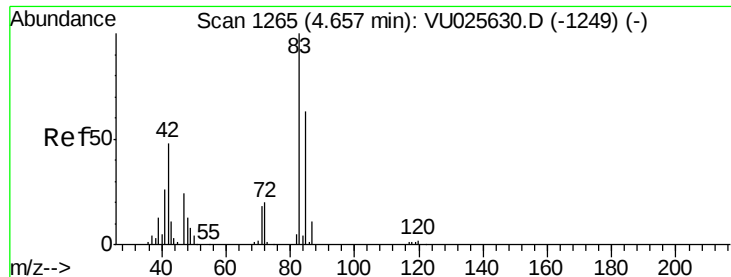
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

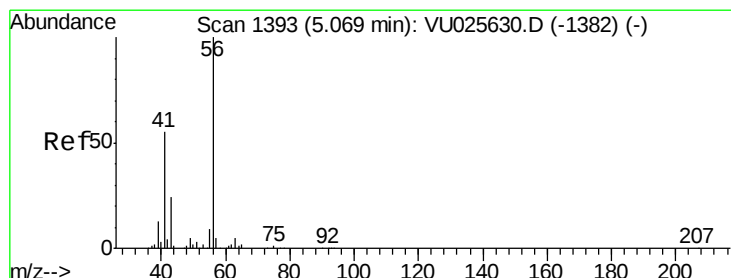
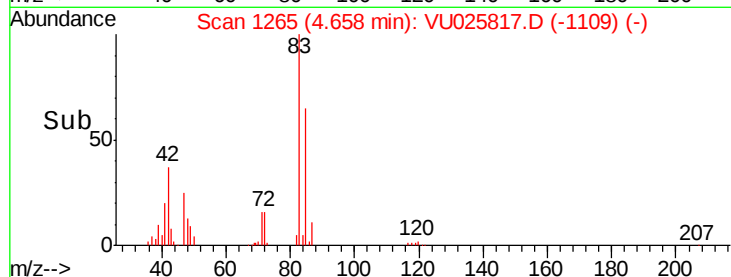
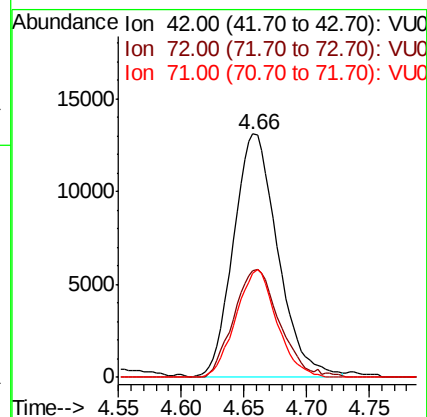
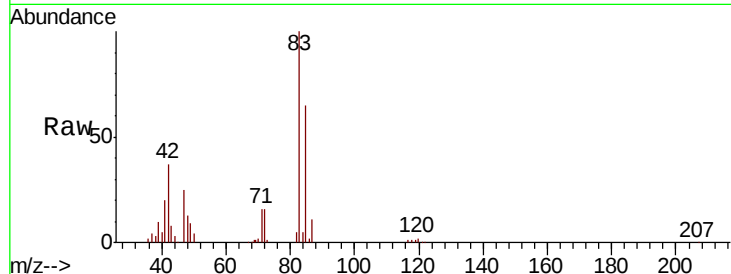




#41
Tetrahydrofuran
Concen: 17.252 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

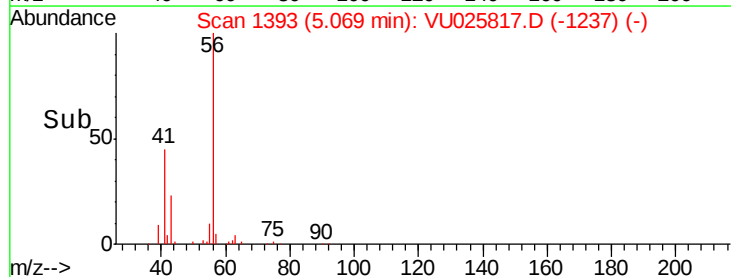
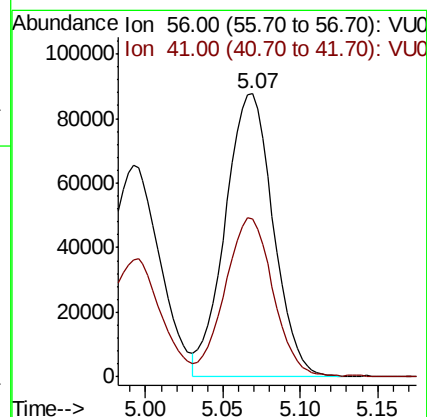
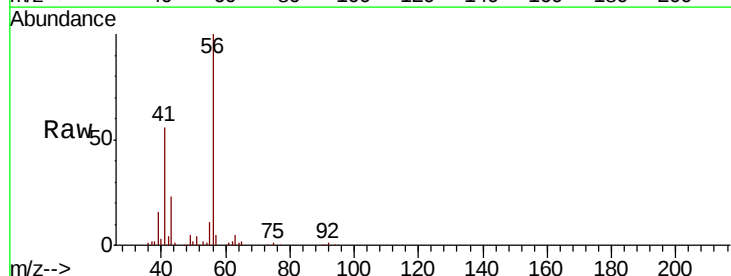
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

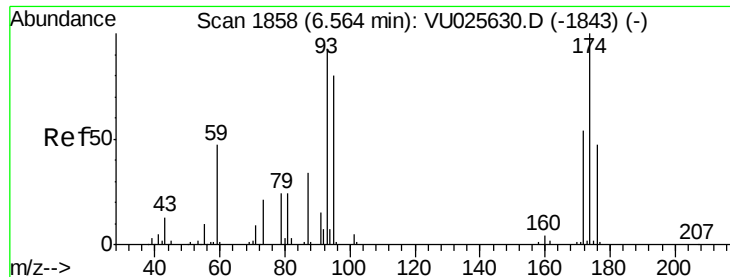
Tgt Ion: 42 Resp: 32214
Ion Ratio Lower Upper
42 100
72 45.8 33.2 49.8
71 40.8 29.8 44.8



#42
1-Chlorobutane
Concen: 10.282 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion: 56 Resp: 188117
Ion Ratio Lower Upper
56 100
41 55.8 27.5 82.5





#43

Dibromomethane

Concen: 10.344 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

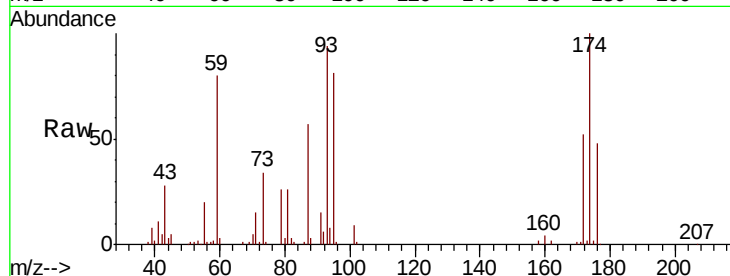
Tgt Ion: 93 Resp: 52573

Ion Ratio Lower Upper

93 100

95 83.3 67.2 100.8

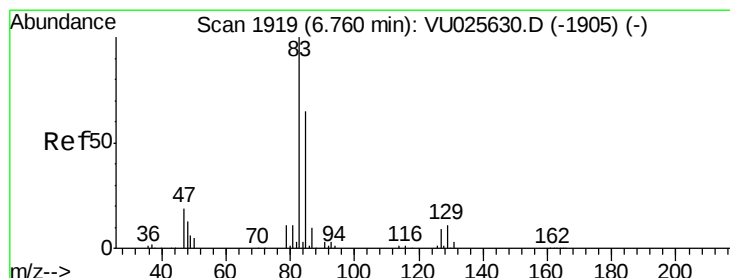
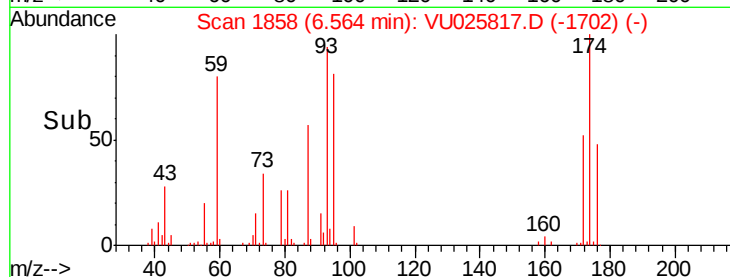
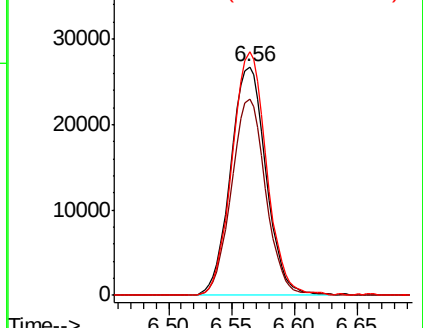
174 103.9 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU025630.D (-1843) (-)

Ion 95.00 (94.70 to 95.70): VU025630.D (-1843) (-)

Ion 174.00 (173.70 to 174.70): VU025630.D (-1843) (-)



#44

Bromodichloromethane

Concen: 10.503 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

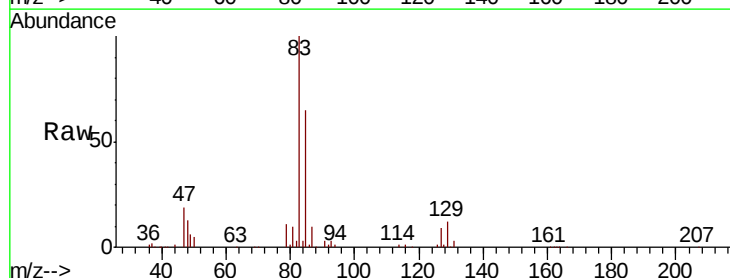
Tgt Ion: 83 Resp: 135285

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

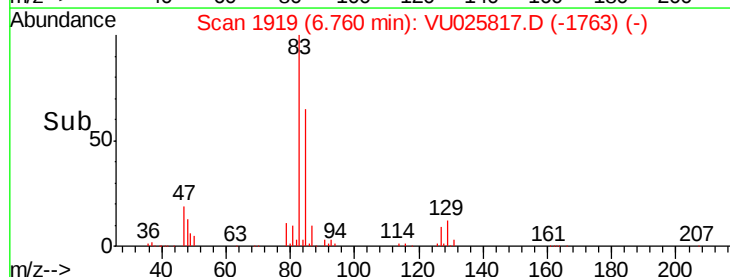
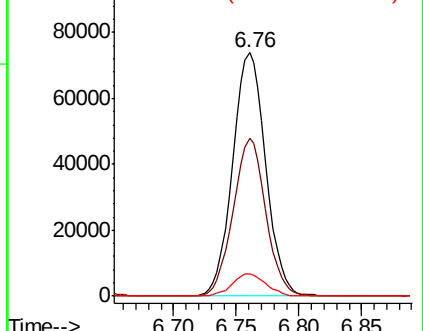
127 9.1 7.0 10.4

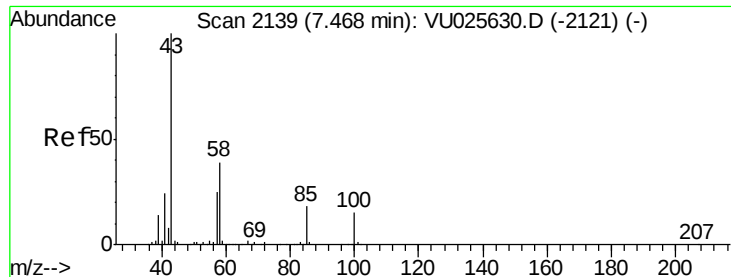


Abundance Ion 83.00 (82.70 to 83.70): VU025630.D (-1905) (-)

Ion 85.00 (84.70 to 85.70): VU025630.D (-1905) (-)

Ion 127.00 (126.70 to 127.70): VU025630.D (-1905) (-)

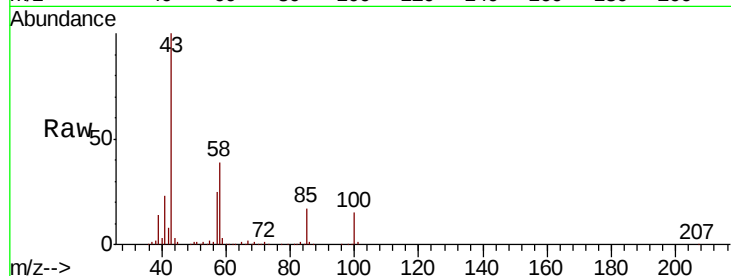




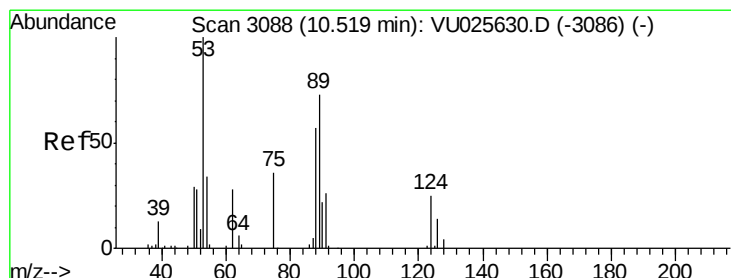
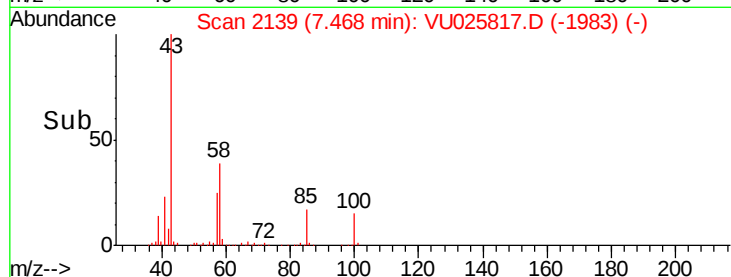
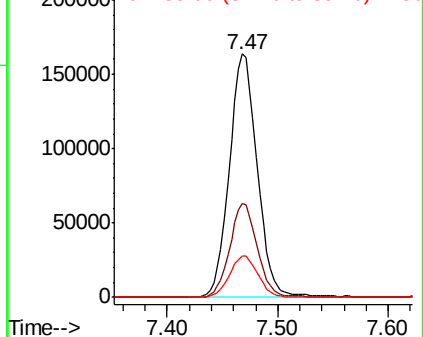
#45
 4-Methyl-2-Pentanone
 Concen: 50.779 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 287844
 Ion Ratio Lower Upper
 43 100
 58 38.0 18.8 56.4
 85 17.2 12.6 19.0

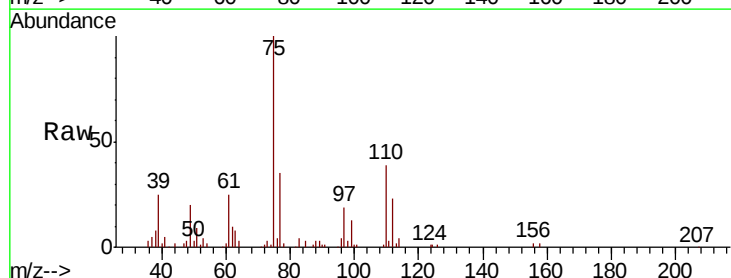


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

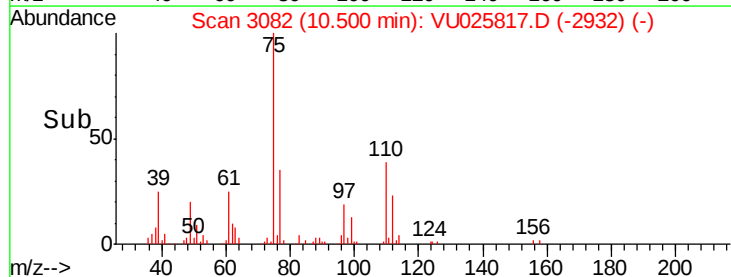
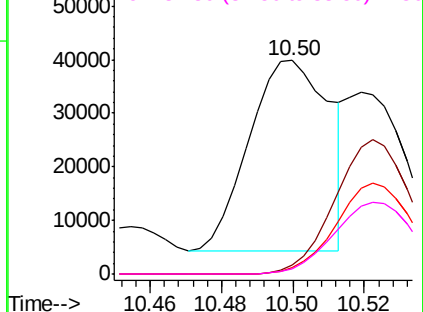


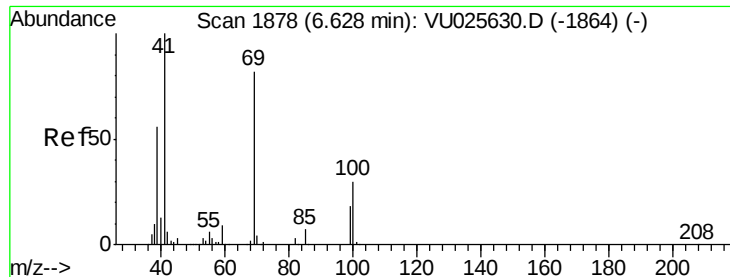
#46
 t-1,4-Dichloro-2-butene
 Concen: 22.852 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion: 75 Resp: 55659
 Ion Ratio Lower Upper
 75 100
 53 68.9 82.2 123.4#
 89 46.8 51.3 76.9#
 88 38.5 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 53.00 (52.70 to 53.70): VU0
 Ion 88.80 (88.50 to 89.50): VU0
 Ion 87.80 (87.50 to 88.50): VU0

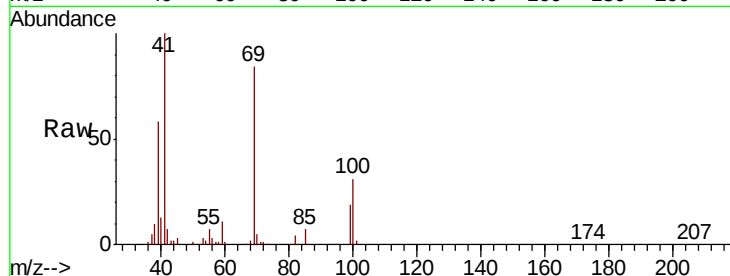




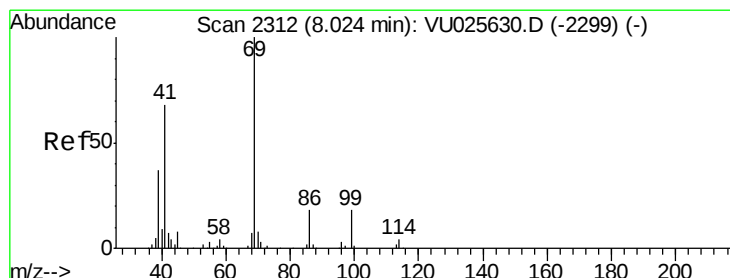
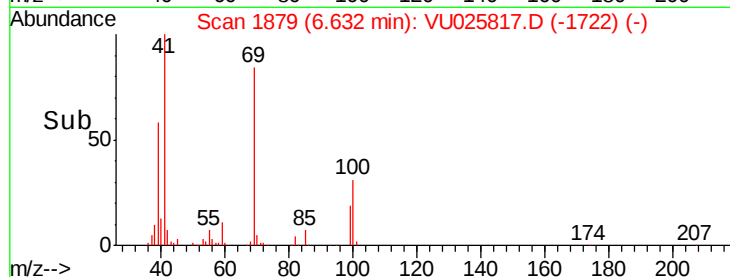
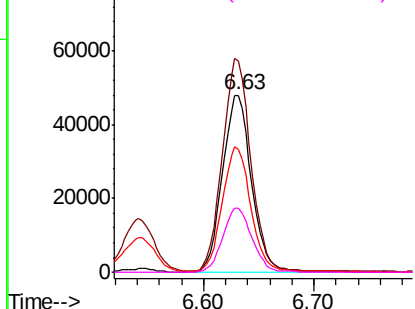
#47
Methyl methacrylate
Concen: 20.676 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 87887
Ion Ratio Lower Upper
69 100
41 117.0 0.0 245.4
39 68.2 49.0 73.4
100 36.5 27.8 41.8

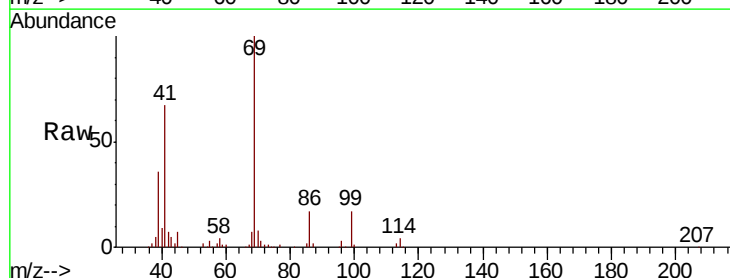


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

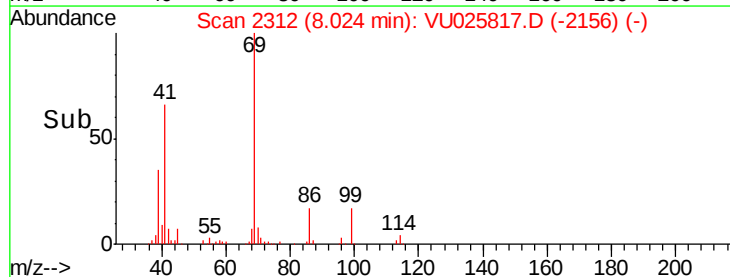
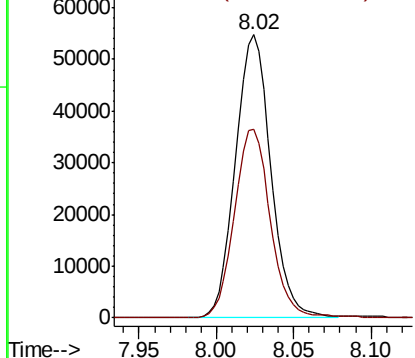


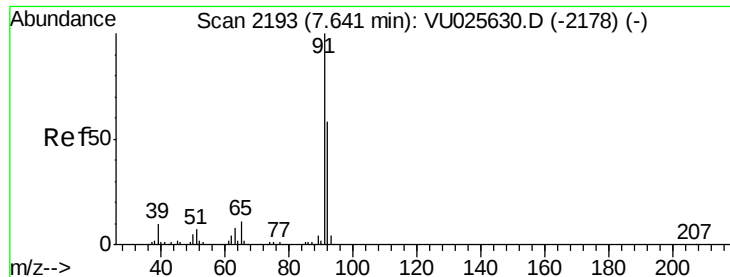
#48
Ethyl methacrylate
Concen: 10.221 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion: 69 Resp: 87273
Ion Ratio Lower Upper
69 100
41 68.0 34.2 102.5



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





#49

Toluene

Concen: 10.573 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

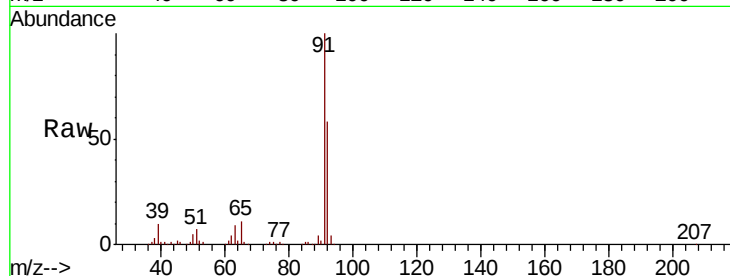
VSTDCCC010EC

Tgt Ion: 92 Resp: 242462

Ion Ratio Lower Upper

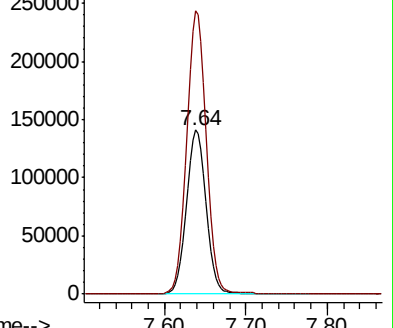
92 100

91 171.7 137.1 205.7

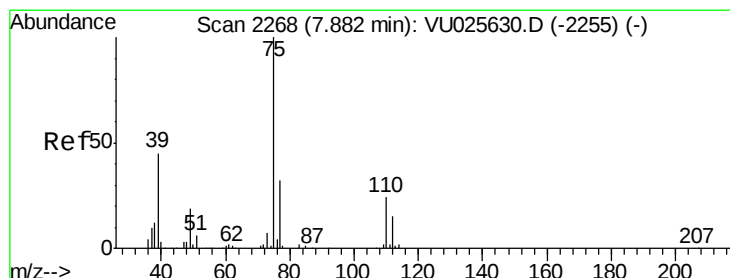
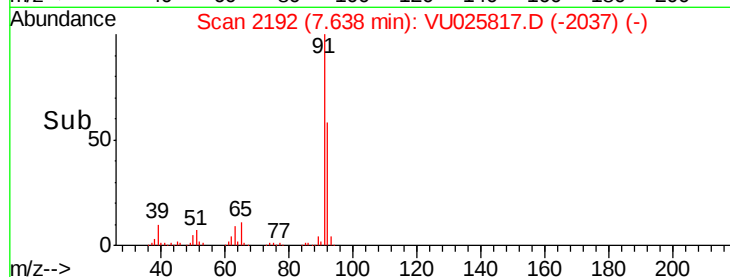


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.604 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025817.D

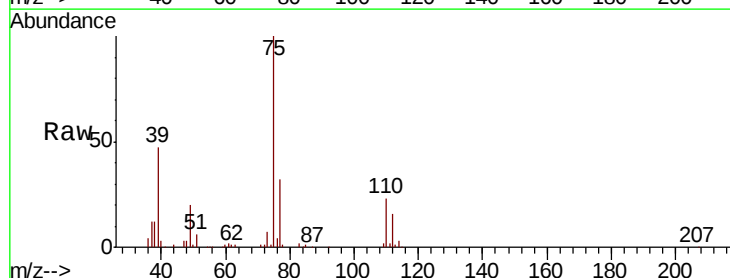
Acq: 03 Aug 2018 14:15

Tgt Ion: 75 Resp: 123297

Ion Ratio Lower Upper

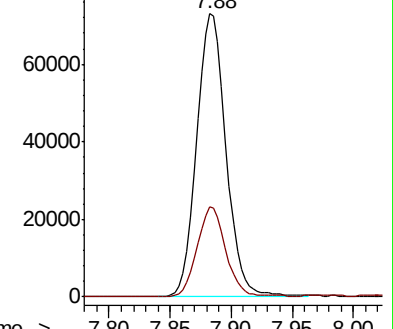
75 100

77 31.8 25.2 37.8

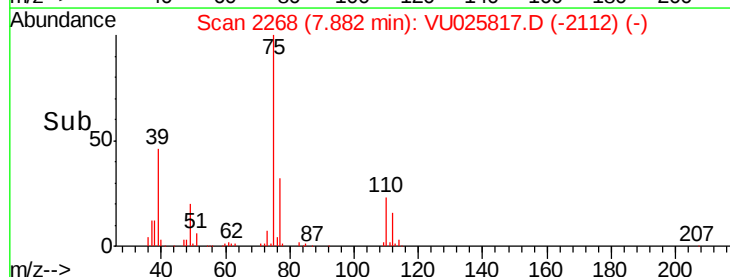


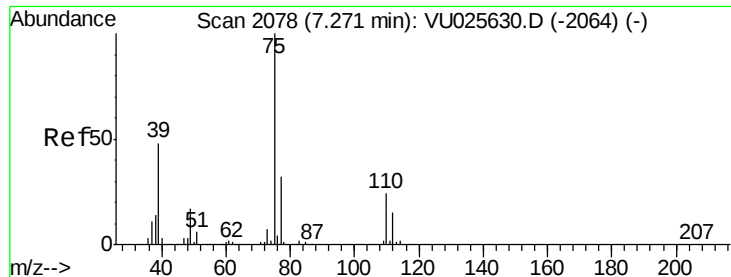
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



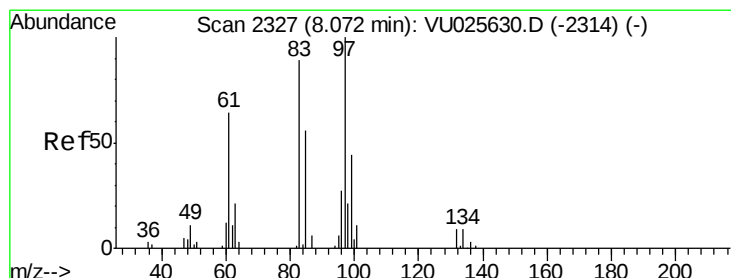
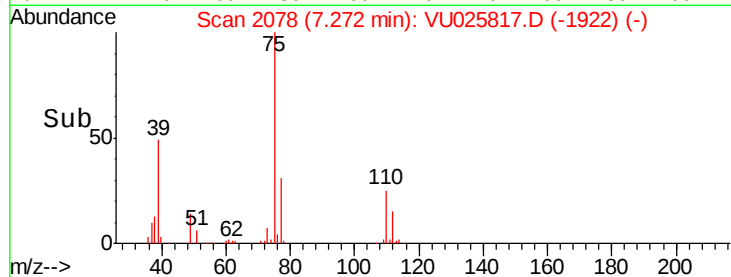
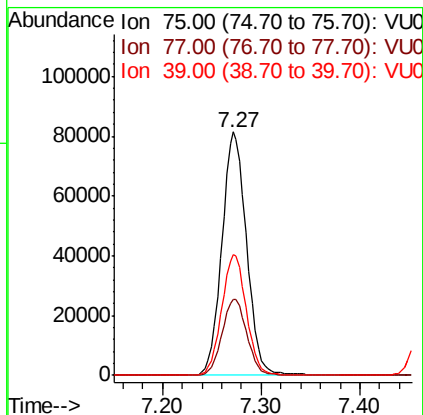
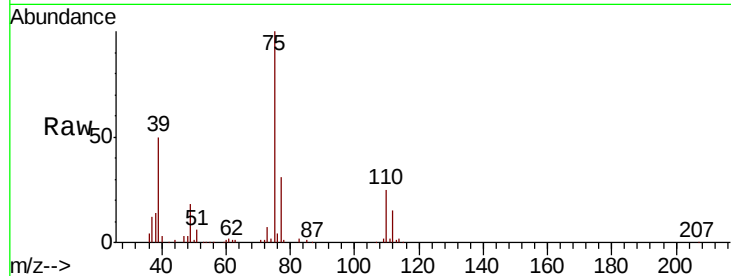


#51

cis-1,3-Dichloropropene
 Concen: 10.289 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

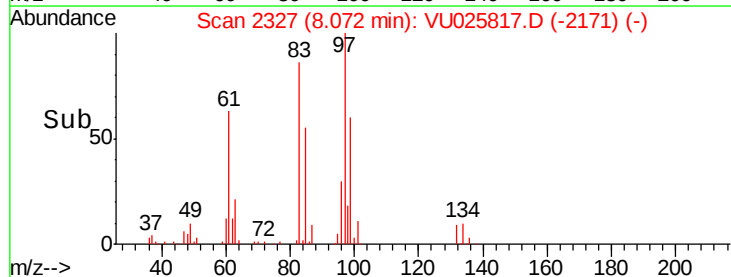
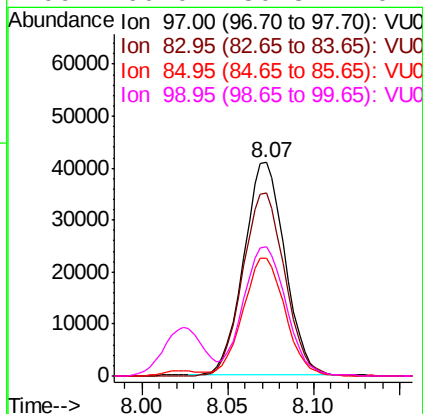
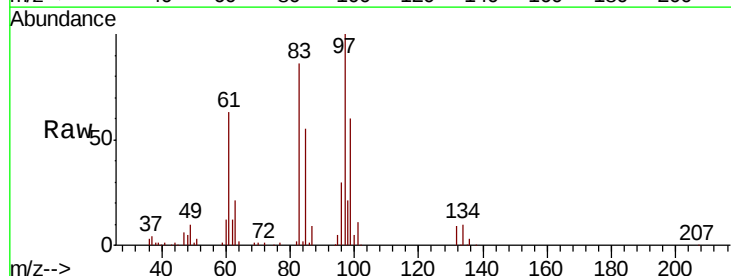
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	49.6	36.4	54.6

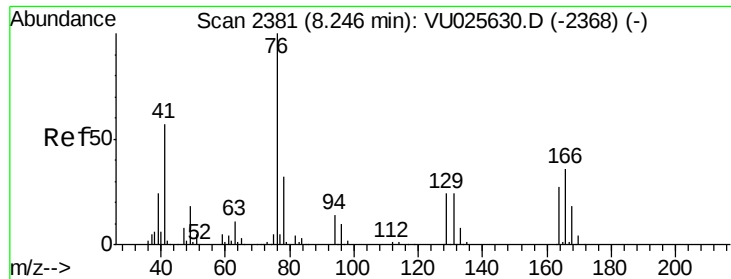


#52

1,1,2-Trichloroethane
 Concen: 9.970 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	72.6	109.0
85	54.9	47.2	70.8
99	60.0	50.8	76.2

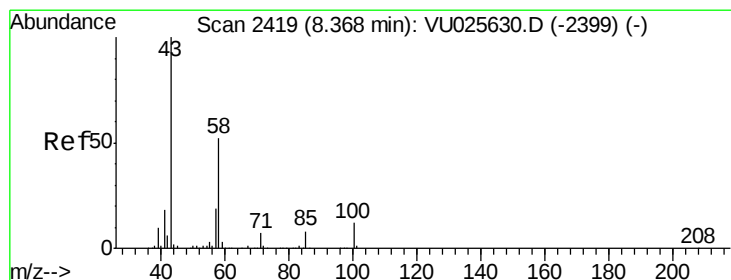
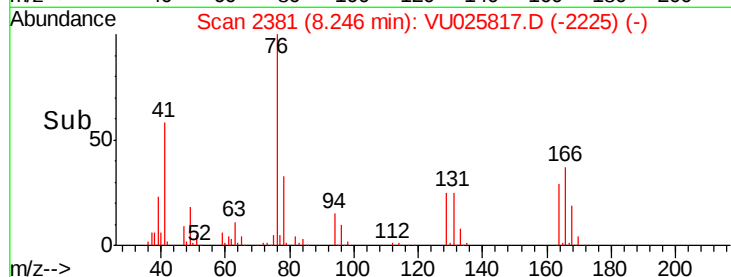
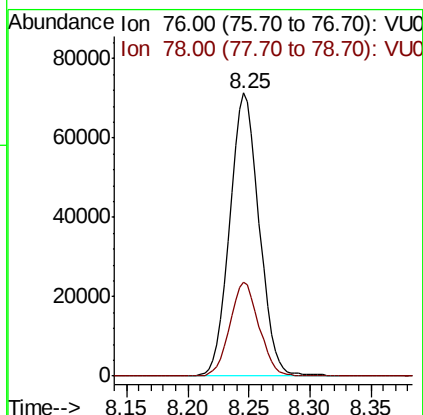
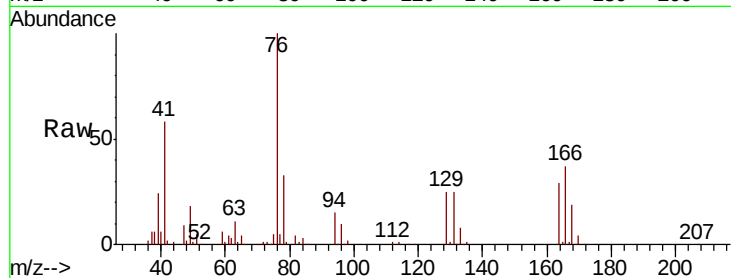




#53
 1,3-Dichloropropane
 Concen: 10.433 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

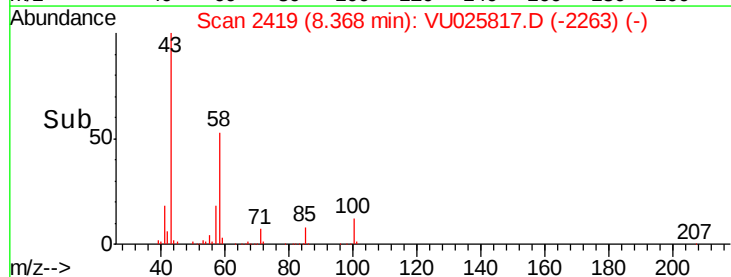
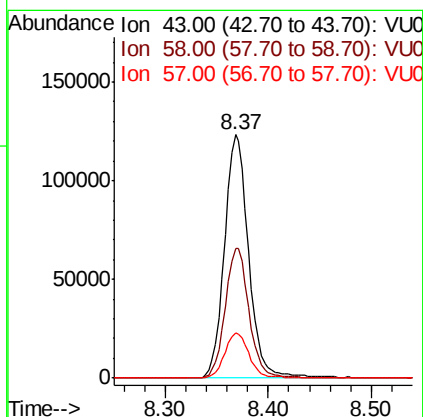
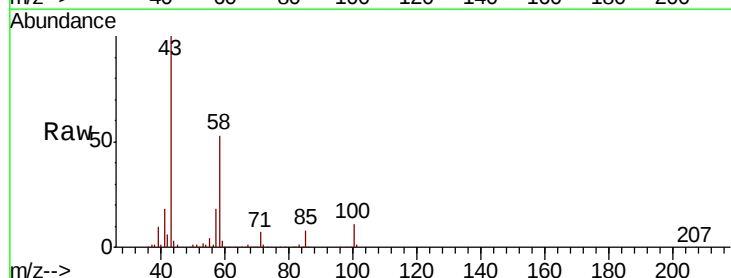
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

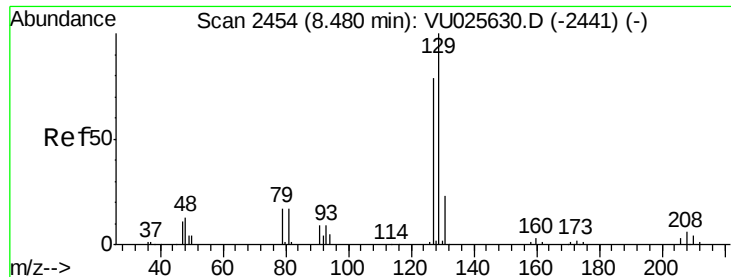
Tgt Ion: 76 Resp: 120028
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#54
 2-Hexanone
 Concen: 50.305 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion: 43 Resp: 201379
 Ion Ratio Lower Upper
 43 100
 58 52.9 32.5 72.5
 57 18.6 0.0 37.9

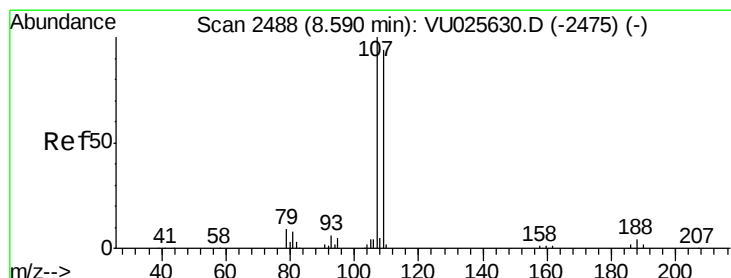
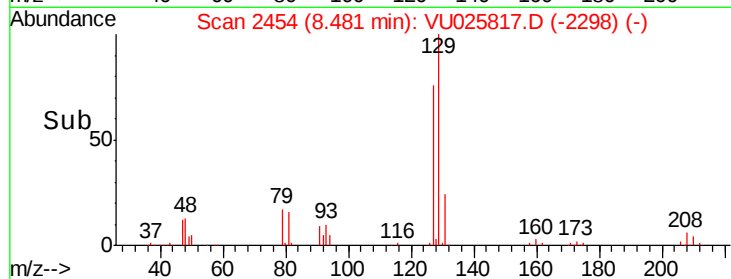
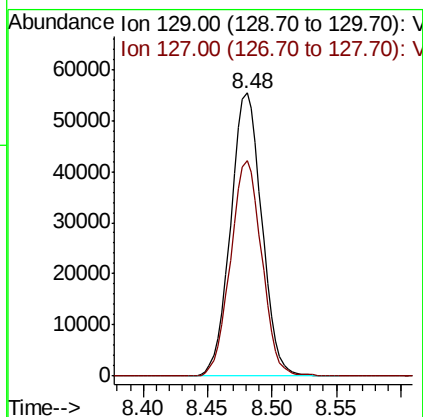
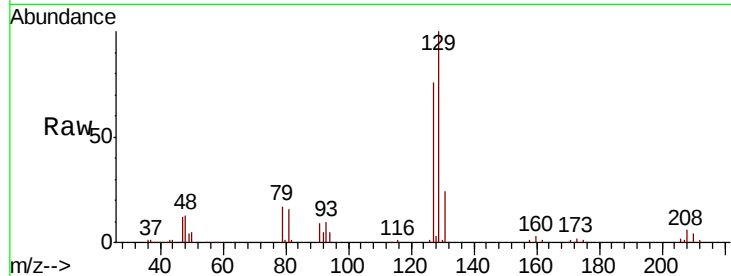




#55
 Dibromochloromethane
 Concen: 10.734 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

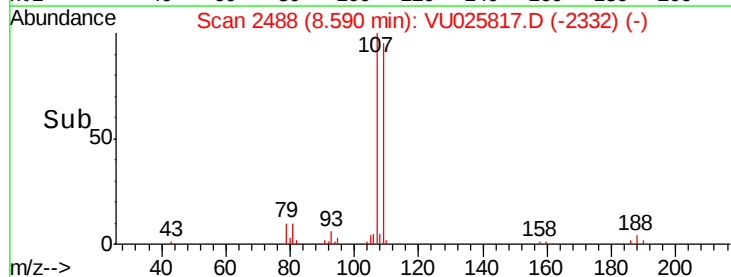
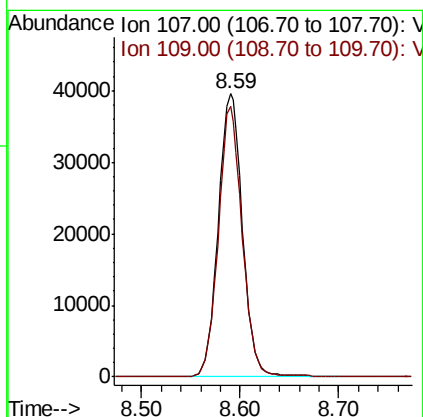
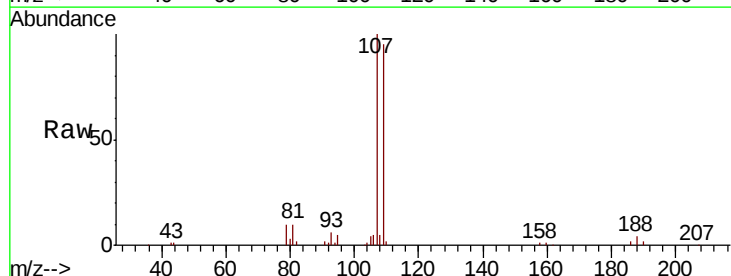
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

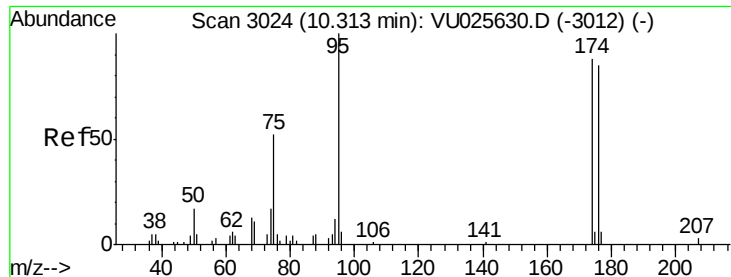
Tgt Ion:129 Resp: 93003
 Ion Ratio Lower Upper
 129 100
 127 76.3 61.1 91.7



#56
 1,2-Dibromoethane
 Concen: 10.335 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion:107 Resp: 68150
 Ion Ratio Lower Upper
 107 100
 109 93.5 0.0 189.0





#57

4-Bromofluorobenzene

Concen: 10.335 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

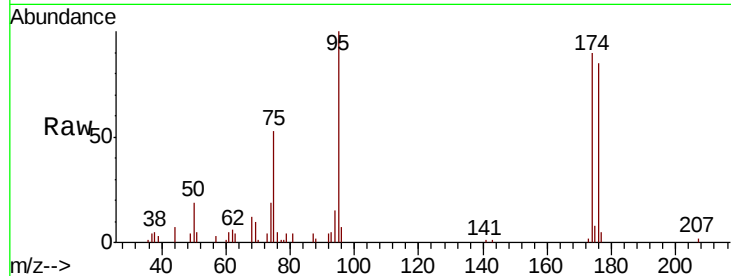
Tgt Ion: 95 Resp: 13625

Ion Ratio Lower Upper

95 100

174 88.1 65.6 98.4

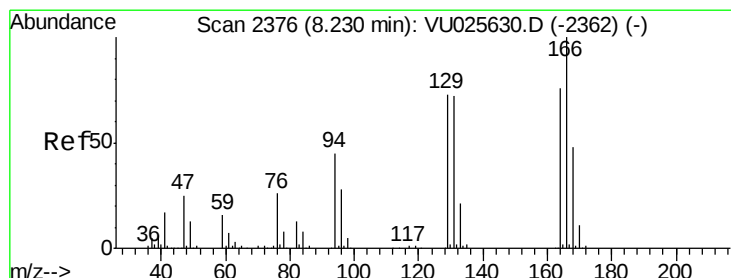
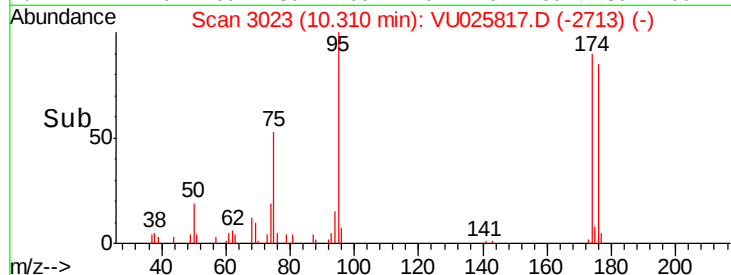
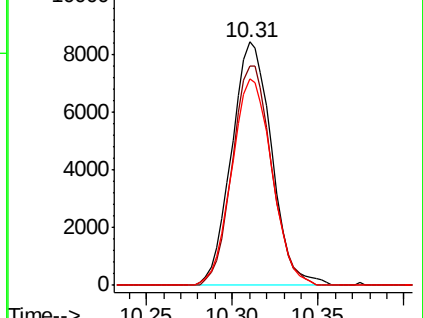
176 84.8 62.0 93.0



Abundance Ion 95.00 (94.70 to 95.70): VU025630.D (-3012) (-)

Ion 174.00 (173.70 to 174.70): VU025630.D (-3012) (-)

Ion 176.00 (175.70 to 176.70): VU025630.D (-3012) (-)



#58

Tetrachloroethene

Concen: 10.720 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Tgt Ion: 164 Resp: 106502

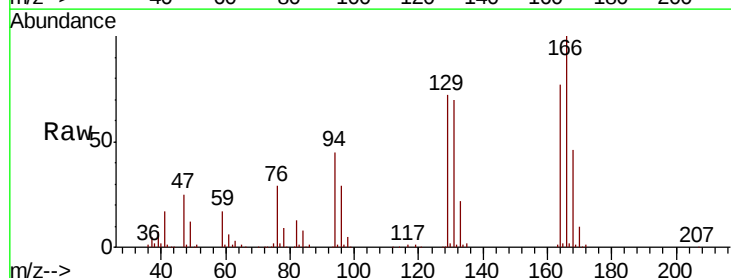
Ion Ratio Lower Upper

164 100

166 130.6 104.1 156.1

129 94.5 76.8 115.2

131 91.6 72.6 108.8

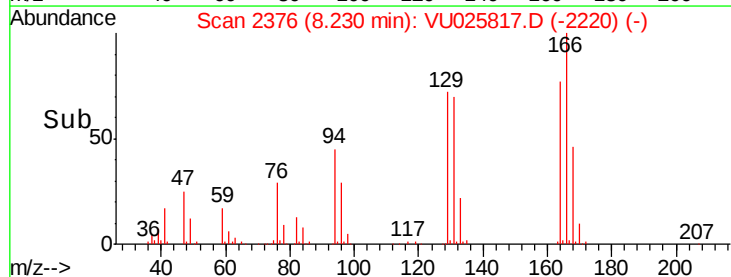
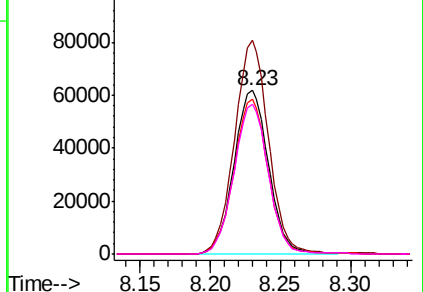


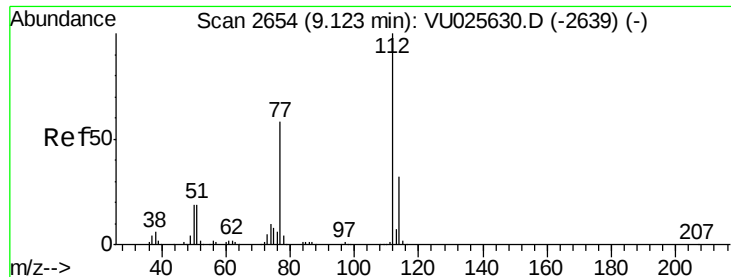
Abundance Ion 163.85 (163.55 to 164.55): VU025630.D (-2362) (-)

Ion 165.80 (165.50 to 166.50): VU025630.D (-2362) (-)

Ion 128.90 (128.60 to 129.60): VU025630.D (-2362) (-)

Ion 130.90 (130.60 to 131.60): VU025630.D (-2362) (-)





#59

Chlorobenzene

Concen: 10.259 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

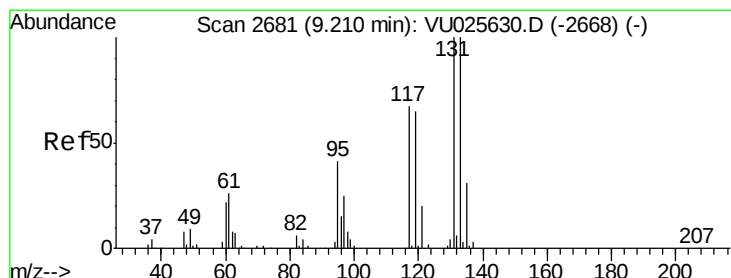
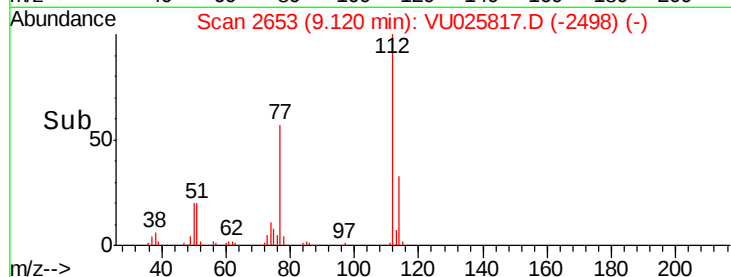
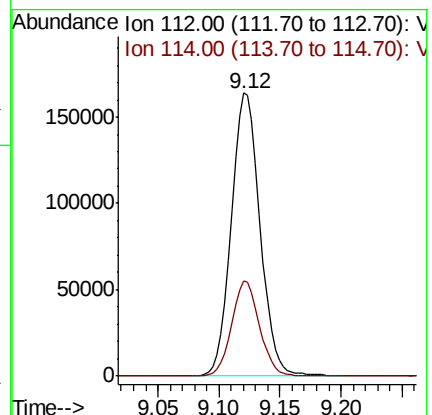
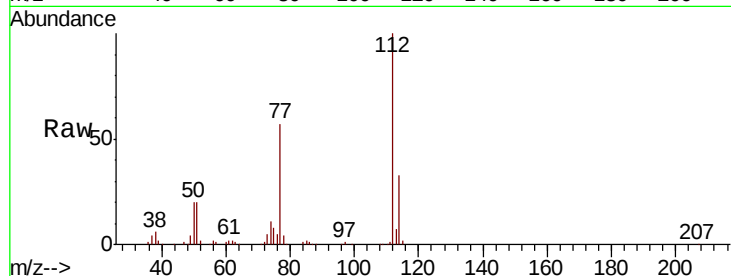
VSTDCCC010EC

Tgt Ion:112 Resp: 270534

Ion Ratio Lower Upper

112 100

114 33.5 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 10.554 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

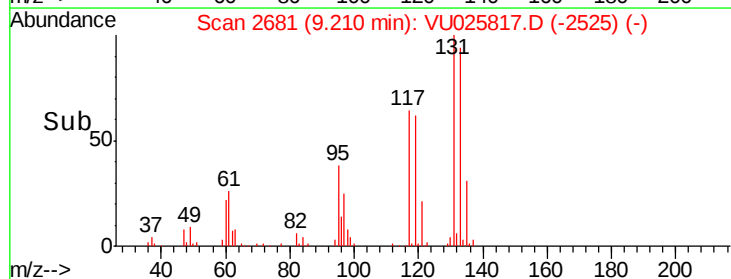
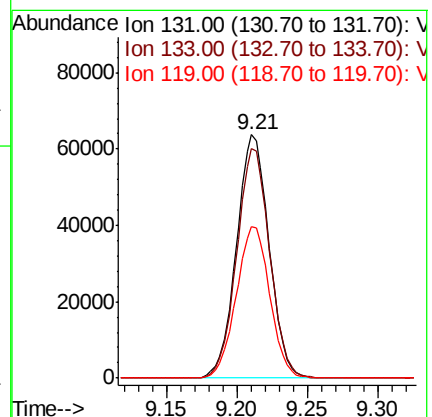
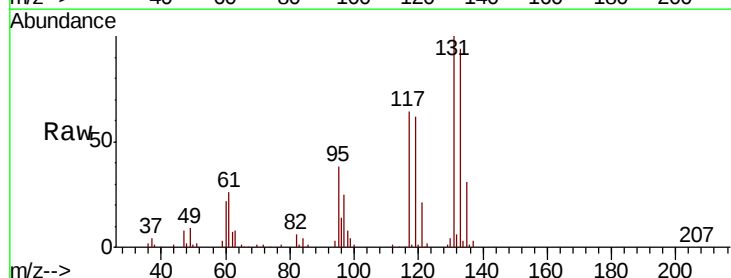
Tgt Ion:131 Resp: 103341

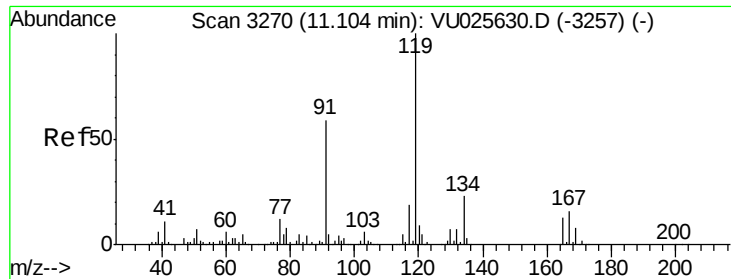
Ion Ratio Lower Upper

131 100

133 95.1 75.8 113.8

119 64.0 53.0 79.6

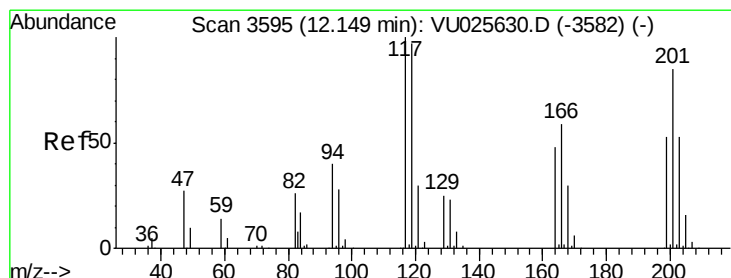
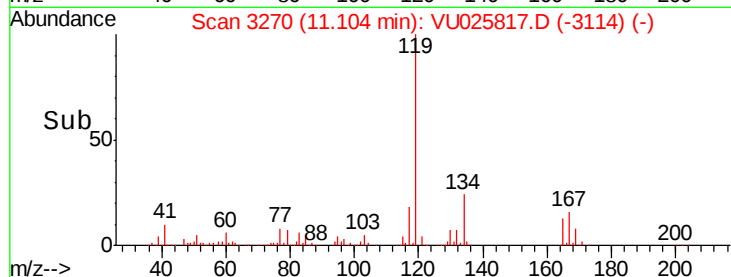
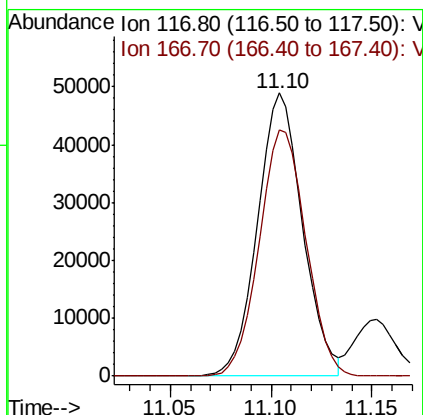
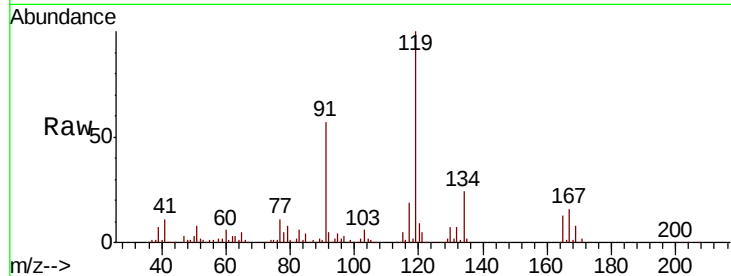




#61
 Pentachloroethane
 Concen: 10.191 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

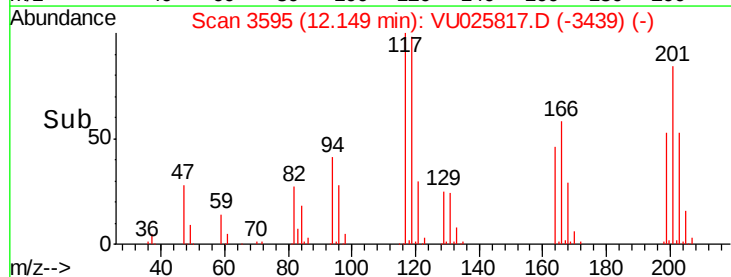
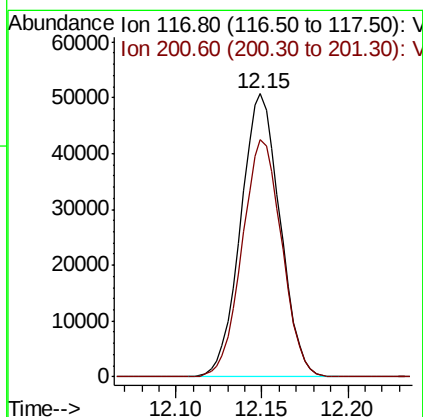
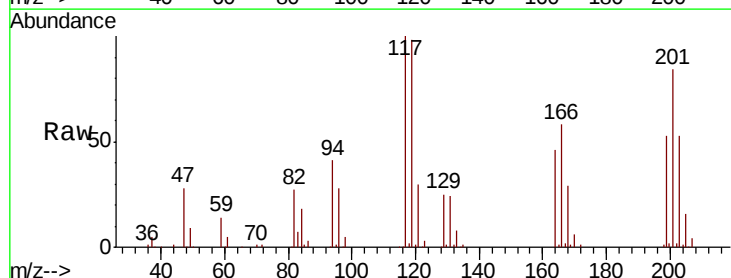
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

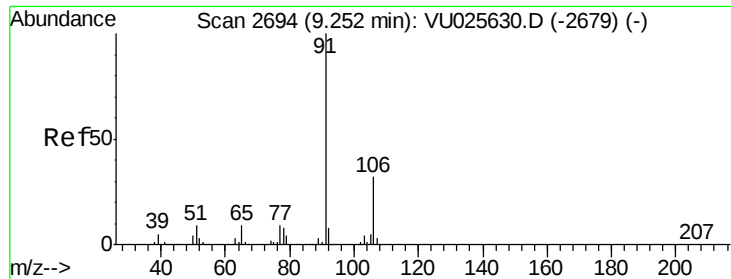
Tgt Ion:117 Resp: 76160
 Ion Ratio Lower Upper
 117 100
 167 89.9 69.2 103.8



#62
 Hexachloroethane
 Concen: 10.561 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion:117 Resp: 80597
 Ion Ratio Lower Upper
 117 100
 201 84.5 68.7 103.1

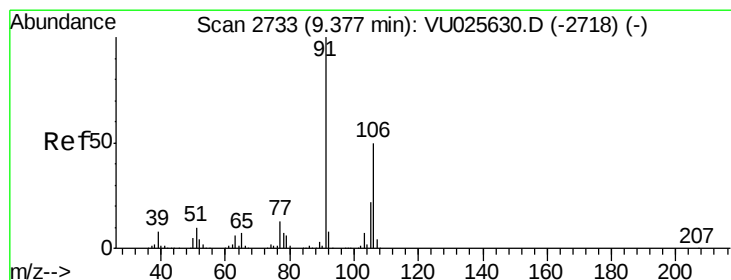
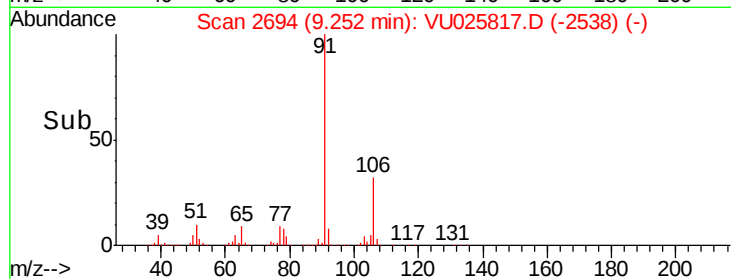
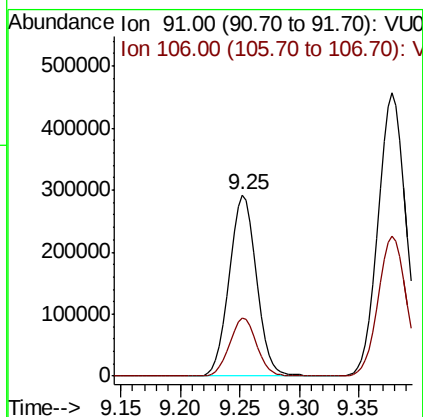
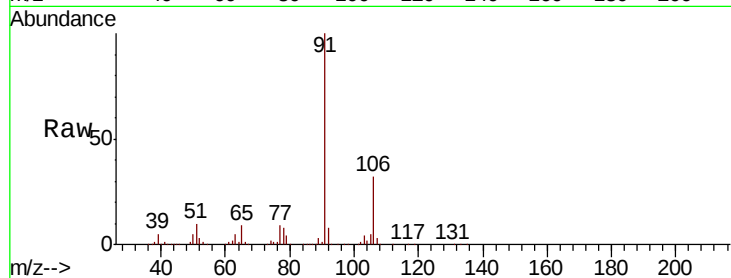




#63
Ethyl Benzene
Concen: 10.611 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

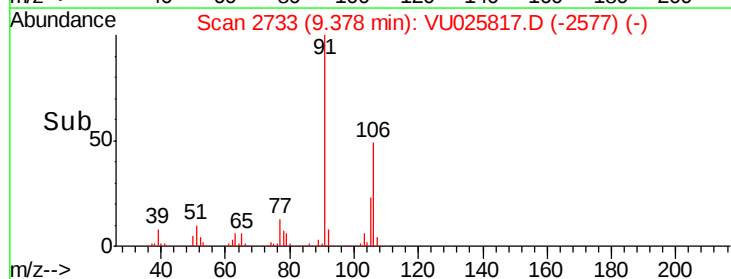
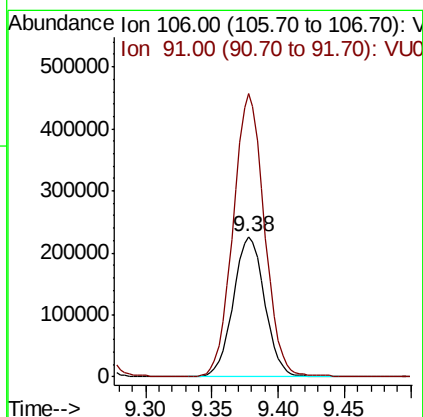
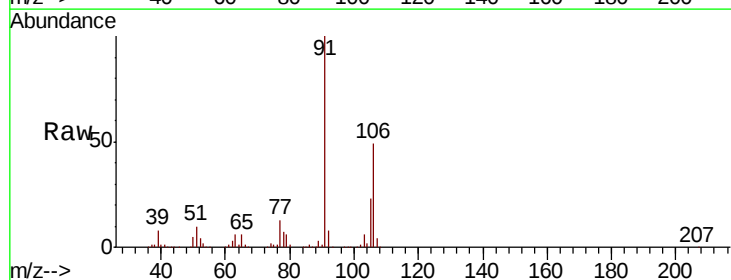
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

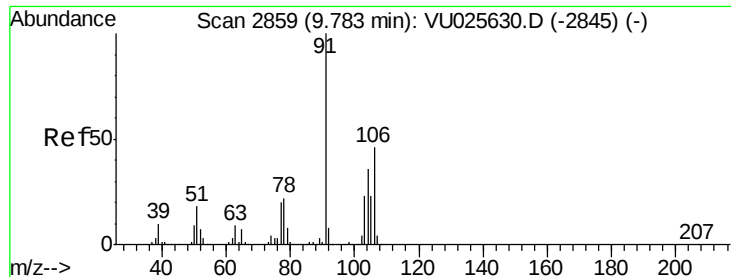
Tgt Ion: 91 Resp: 465483
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1



#64
m/p-Xylenes
Concen: 21.594 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion: 106 Resp: 372296
Ion Ratio Lower Upper
106 100
91 200.9 164.1 246.1

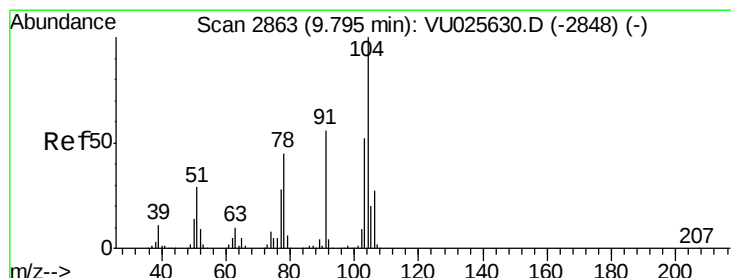
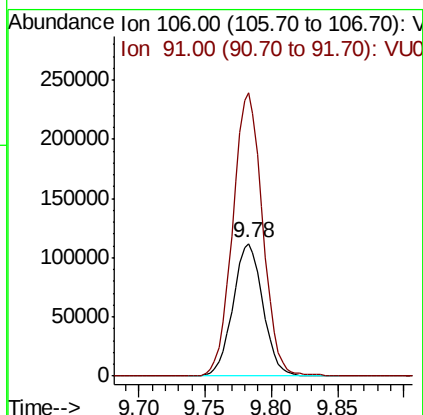
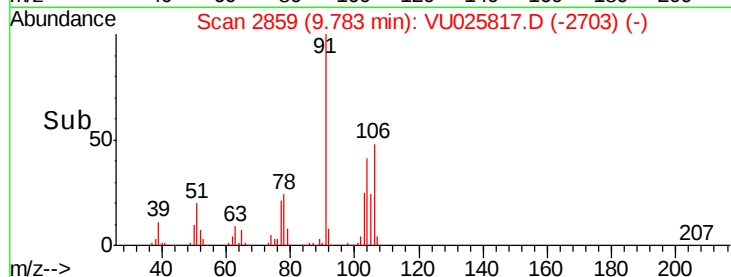
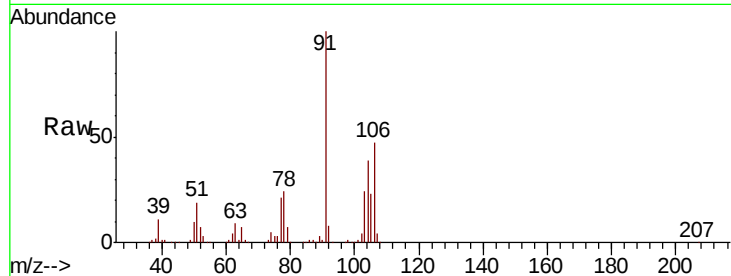




#65
o-Xylene
Concen: 10.702 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

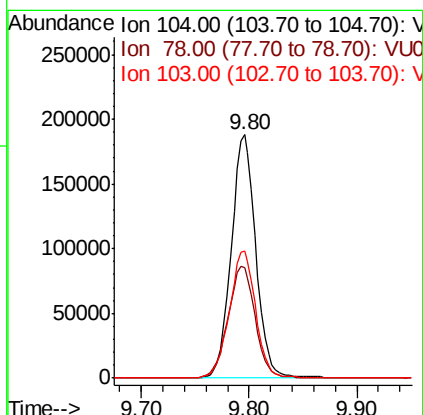
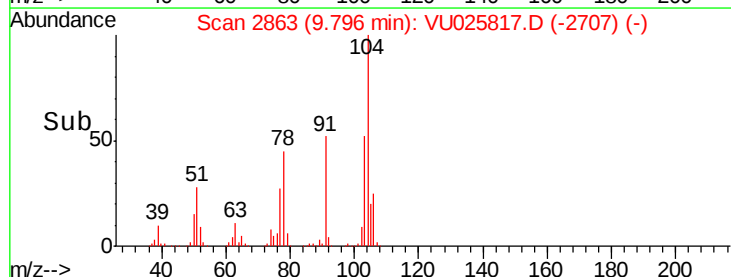
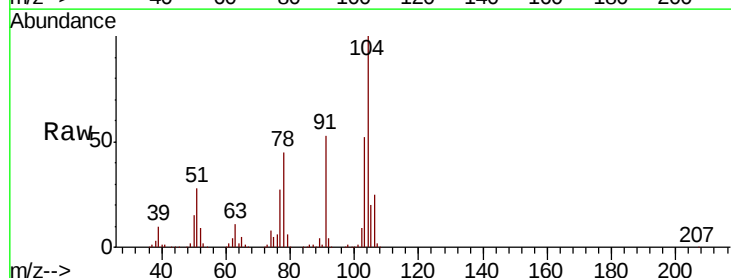
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

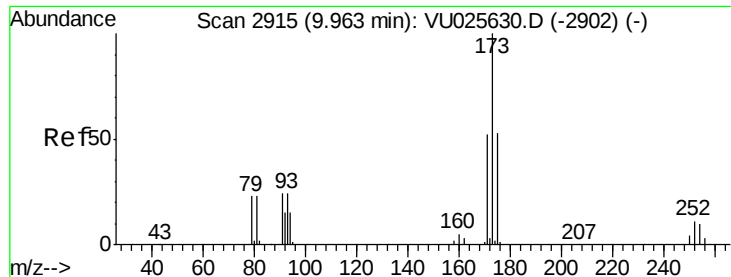
Tgt Ion:106 Resp: 175838
Ion Ratio Lower Upper
106 100
91 213.2 107.9 323.7



#66
Styrene
Concen: 10.725 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion:104 Resp: 299263
Ion Ratio Lower Upper
104 100
78 50.8 40.2 60.2
103 56.0 44.2 66.4

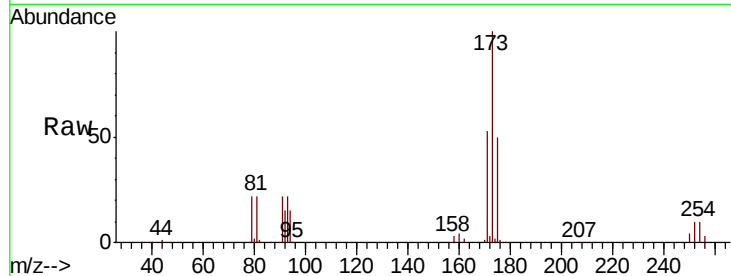




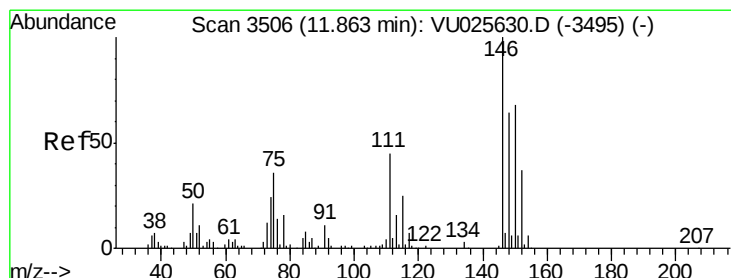
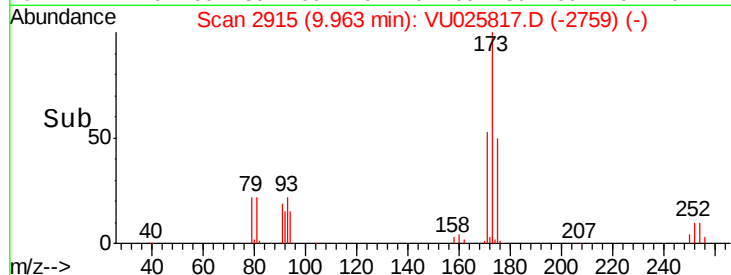
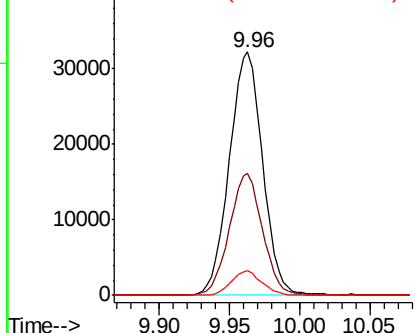
#67
Bromoform
Concen: 10.443 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 53381
Ion Ratio Lower Upper
173 100
175 49.6 38.6 57.8
254 9.2 8.8 13.2

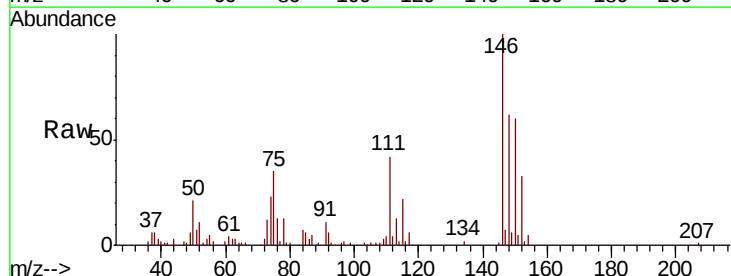


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

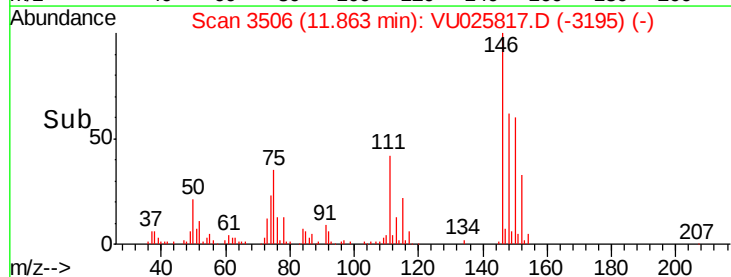
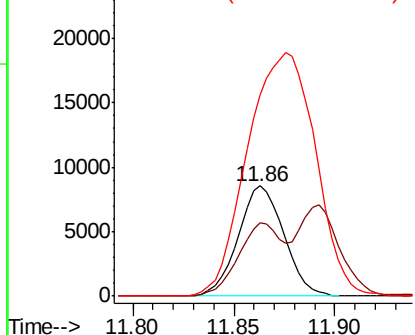


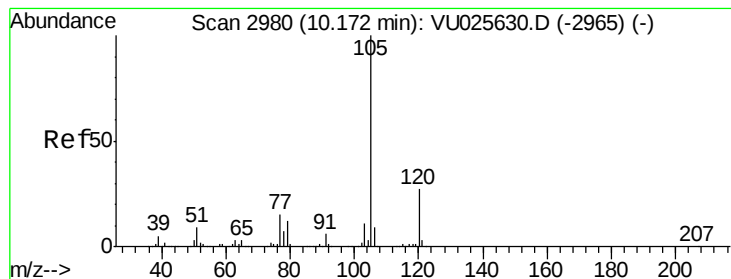
#68
1,2-Dichlorobenzene-d4
Concen: 10.443 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion:152 Resp: 13559
Ion Ratio Lower Upper
152 100
115 62.9 0.0 118.8
150 326.5 0.0 0.0#



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.552 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

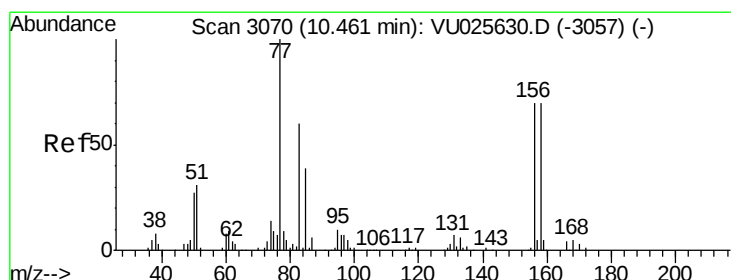
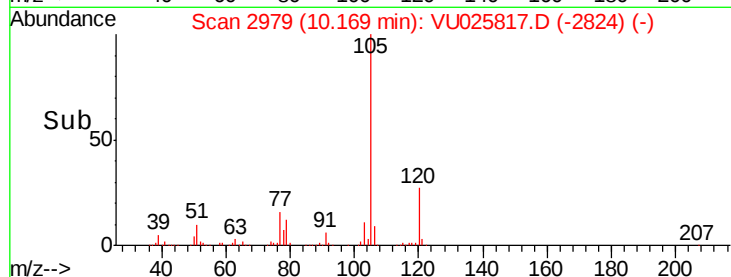
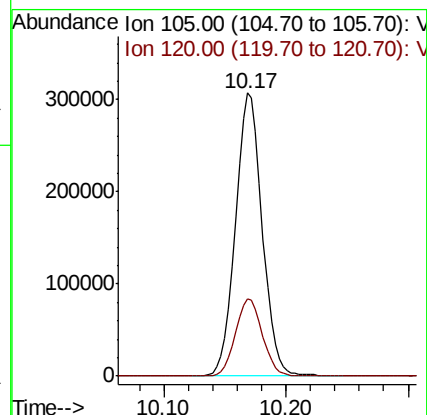
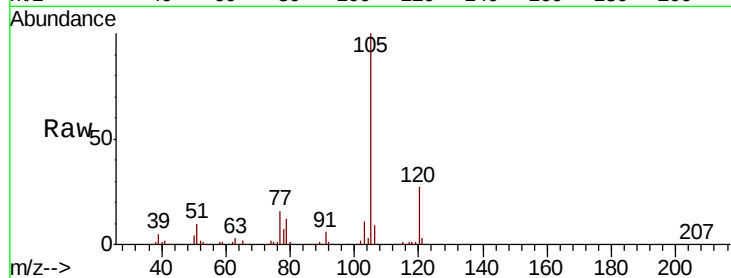
VSTDCCC010EC

Tgt Ion:105 Resp: 468478

Ion Ratio Lower Upper

105 100

120 27.4 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 9.883 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

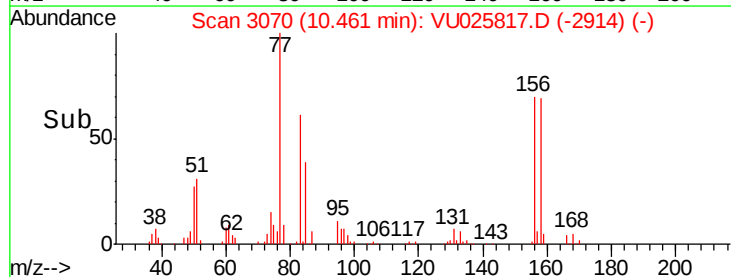
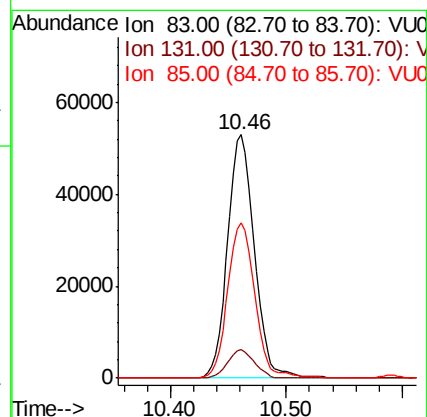
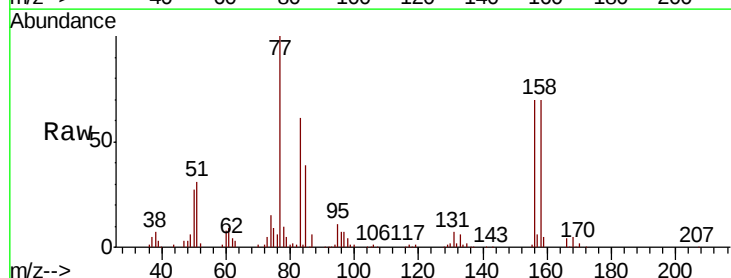
Tgt Ion: 83 Resp: 84614

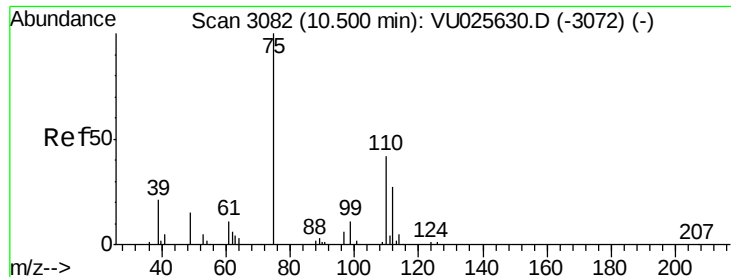
Ion Ratio Lower Upper

83 100

131 11.6 7.9 11.9

85 65.0 51.8 77.6

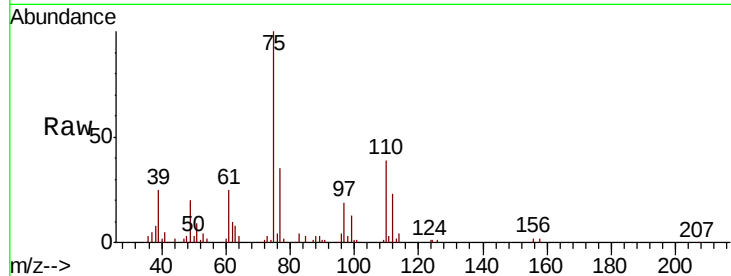




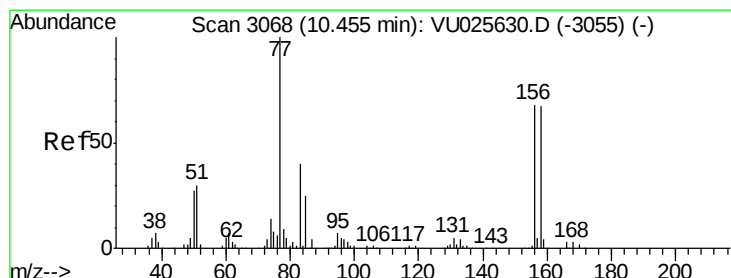
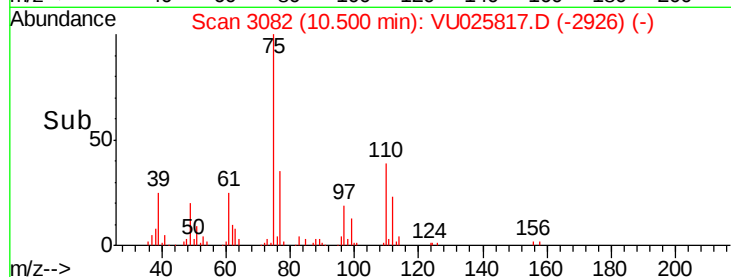
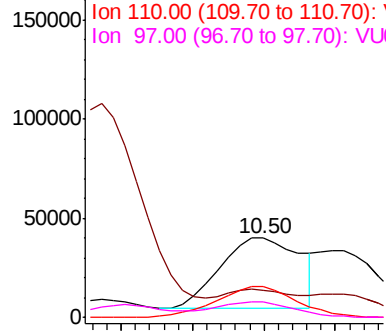
#71
1,2,3-Trichloropropane
Concen: 8.341 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	75	Resp:	55659
Ion	Ratio	Lower	Upper
75	100		
77	10.2	0.0	0.0#
110	43.5	0.0	74.0
97	21.9	0.0	39.6

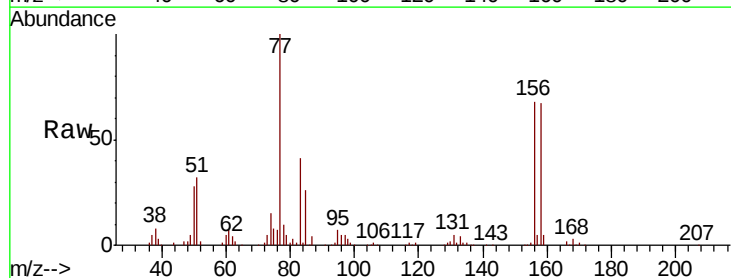


Abundance Ion 75.00 (74.70 to 75.70): VU025630.D (-3072) (-)
Ion 77.00 (76.70 to 77.70): VU025630.D (-3072) (-)
Ion 110.00 (109.70 to 110.70): VU025630.D (-3072) (-)
Ion 97.00 (96.70 to 97.70): VU025630.D (-3072) (-)

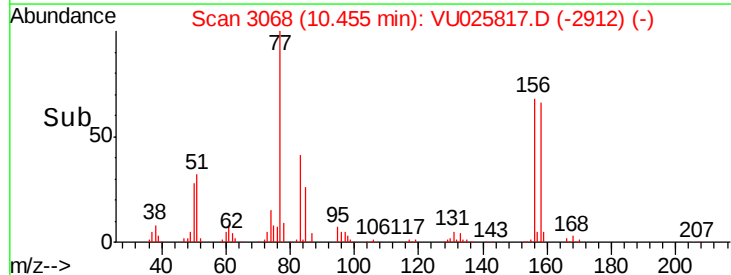
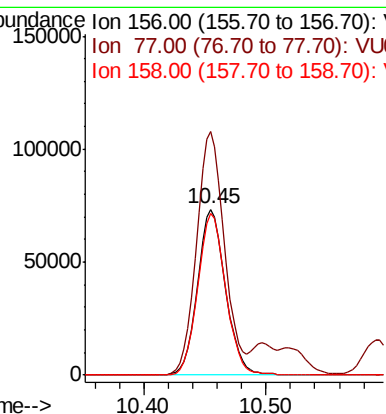


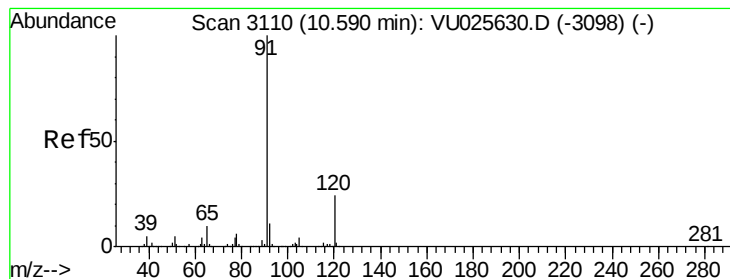
#72
Bromobenzene
Concen: 10.247 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion:	156	Resp:	118113
Ion	Ratio	Lower	Upper
156	100		
77	146.6	0.0	309.8
158	97.2	0.0	193.0



Abundance Ion 156.00 (155.70 to 156.70): VU025630.D (-3055) (-)
Ion 77.00 (76.70 to 77.70): VU025630.D (-3055) (-)
Ion 158.00 (157.70 to 158.70): VU025630.D (-3055) (-)





#73

n-propylbenzene

Concen: 10.808 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

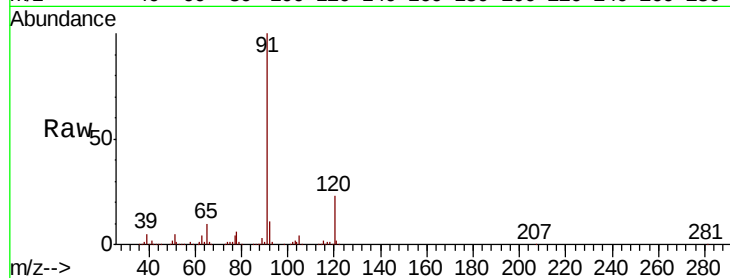
VSTDCCC010EC

Tgt Ion:120 Resp: 135207

Ion Ratio Lower Upper

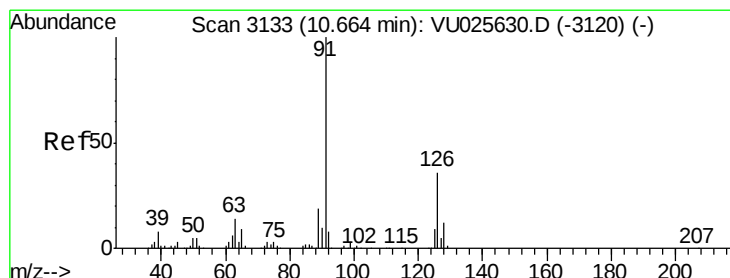
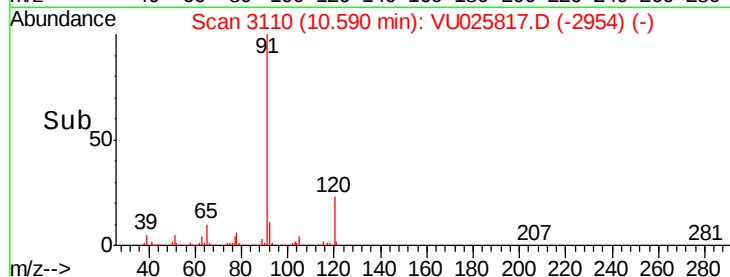
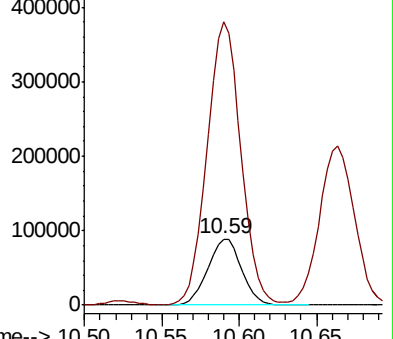
120 100

91 425.8 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.666 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025817.D

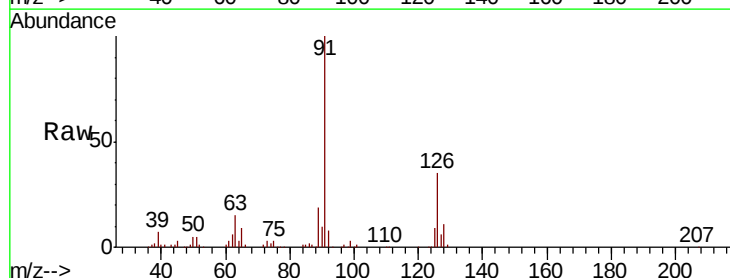
Acq: 03 Aug 2018 14:15

Tgt Ion:126 Resp: 117463

Ion Ratio Lower Upper

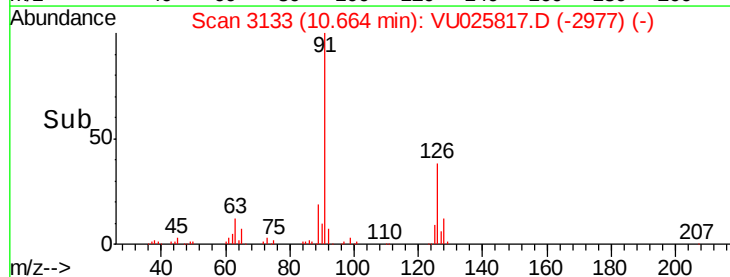
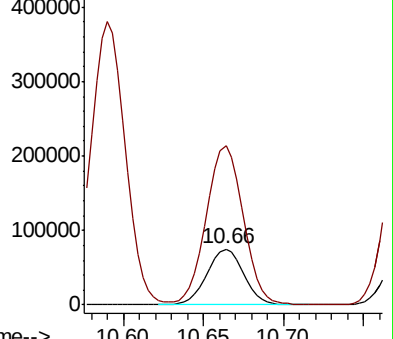
126 100

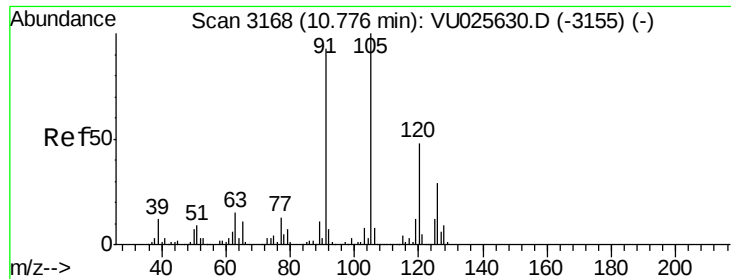
91 283.6 0.0 613.0



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: 10.834 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

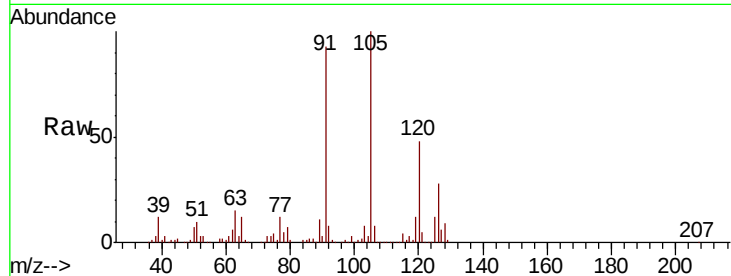
VSTDCCC010EC

Tgt Ion:105 Resp: 419973

Ion Ratio Lower Upper

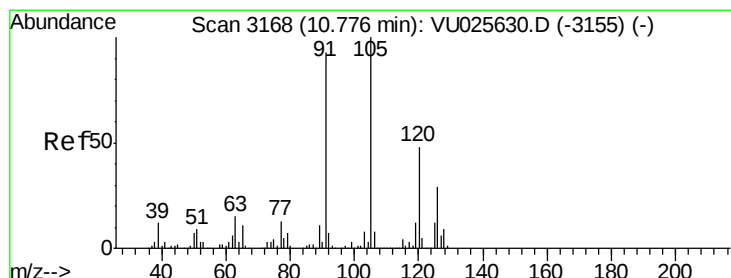
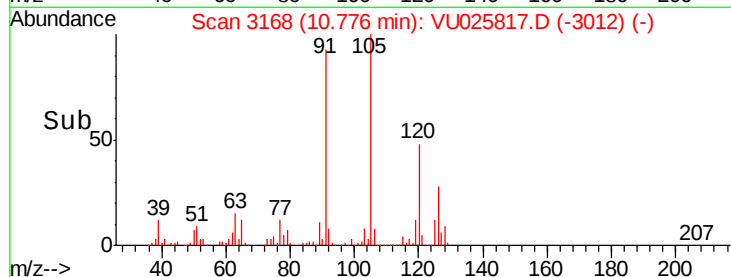
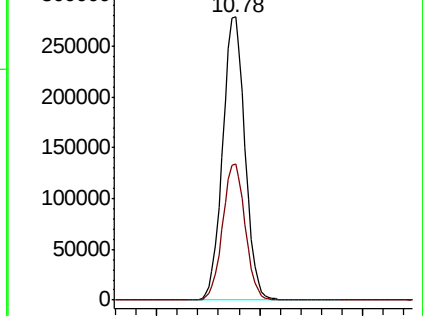
105 100

120 48.8 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: 10.603 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025817.D

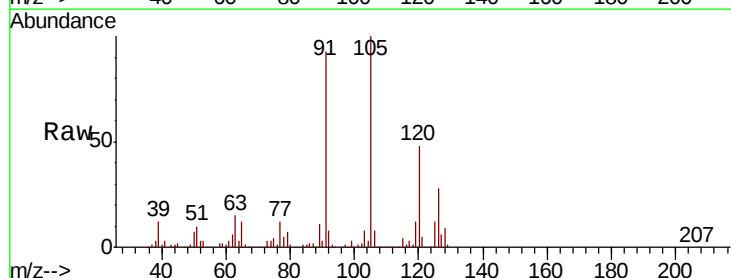
Acq: 03 Aug 2018 14:15

Tgt Ion:126 Resp: 122740

Ion Ratio Lower Upper

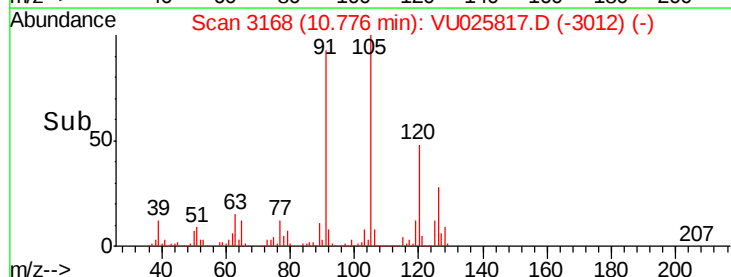
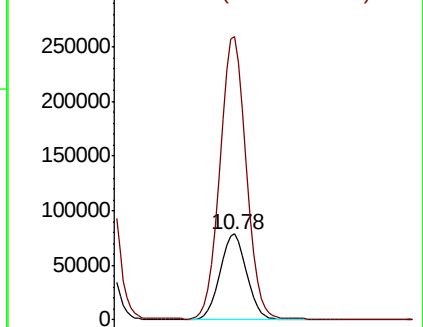
126 100

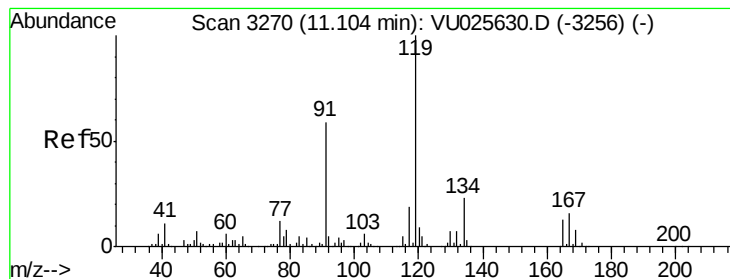
91 325.4 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 10.503 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

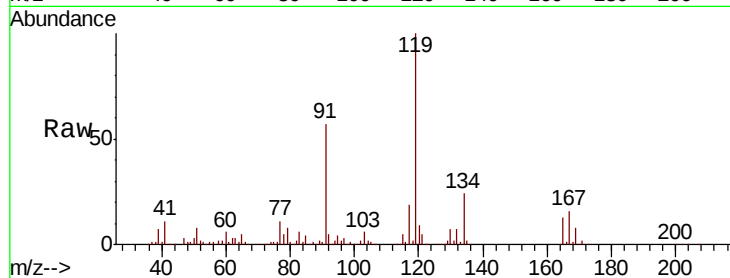
Tgt Ion:119 Resp: 401389

Ion Ratio Lower Upper

119 100

91 58.5 29.6 88.8

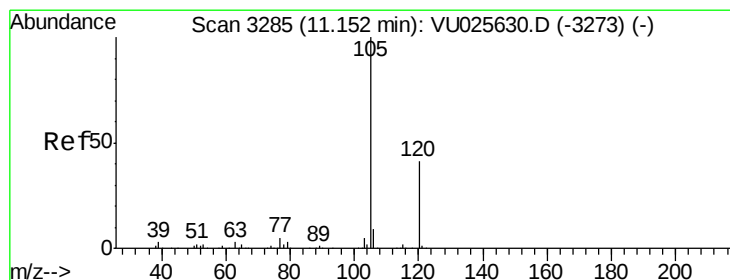
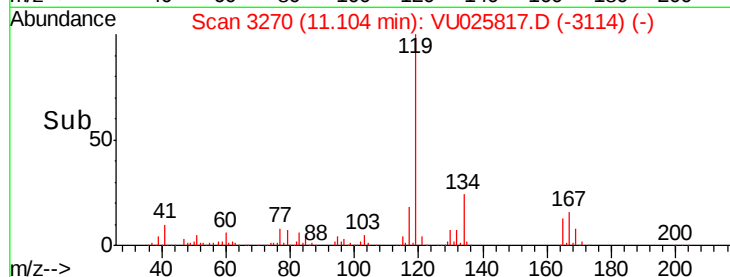
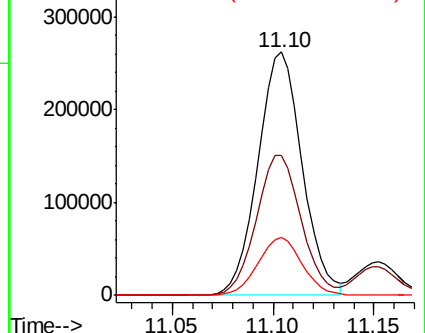
134 23.7 19.1 28.7



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: 10.971 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025817.D

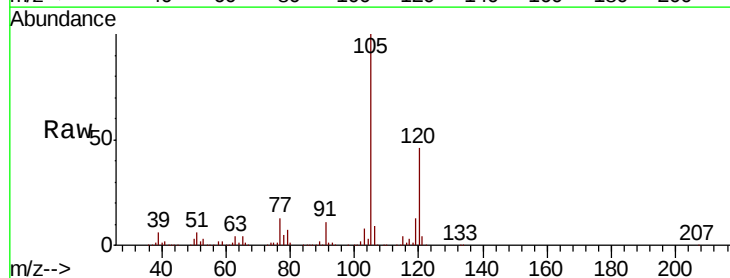
Acq: 03 Aug 2018 14:15

Tgt Ion:105 Resp: 434120

Ion Ratio Lower Upper

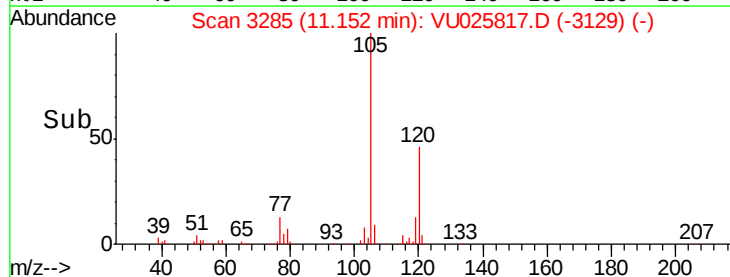
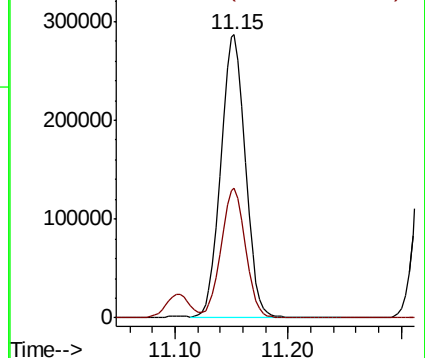
105 100

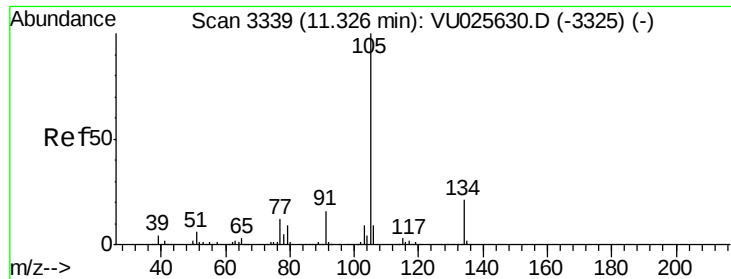
120 45.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 10.688 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

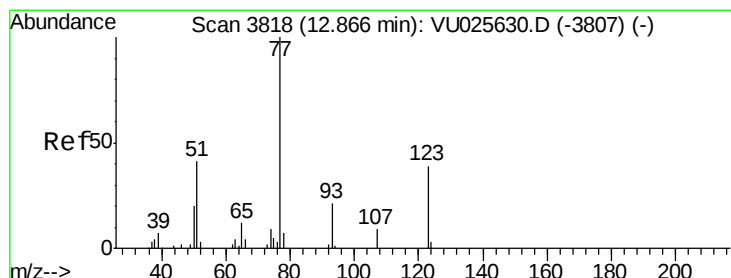
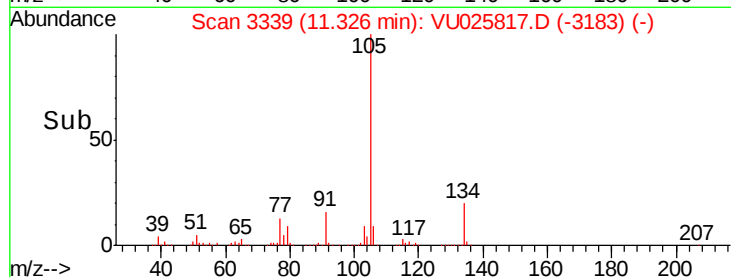
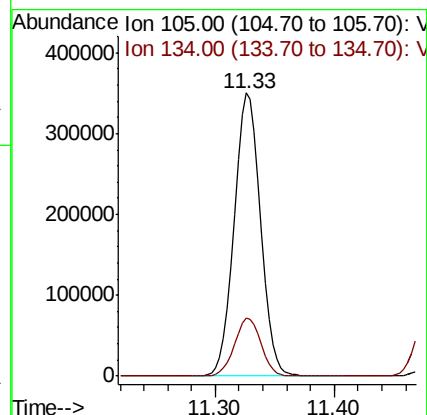
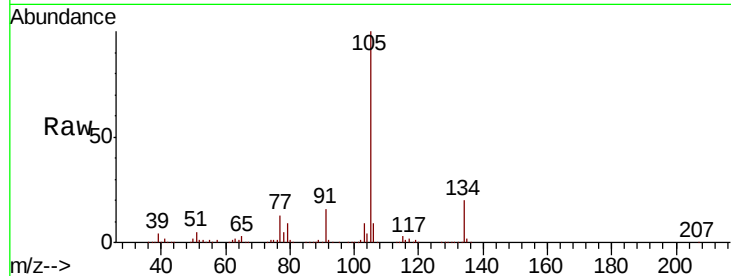
VSTDCCC010EC

Tgt Ion:105 Resp: 536885

Ion Ratio Lower Upper

105 100

134 20.6 15.6 23.4



#80

Nitrobenzene

Concen: 57.363 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

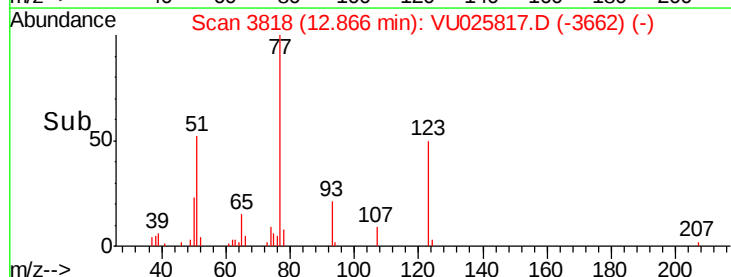
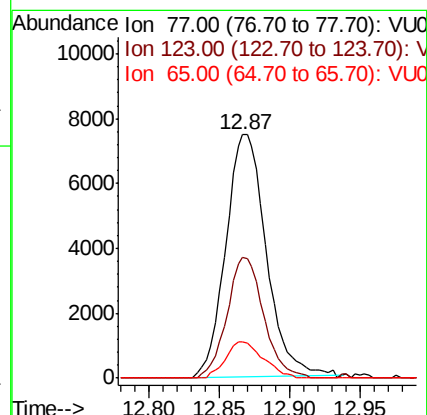
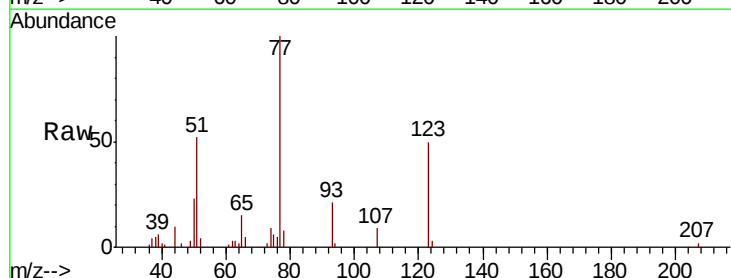
Tgt Ion: 77 Resp: 14950

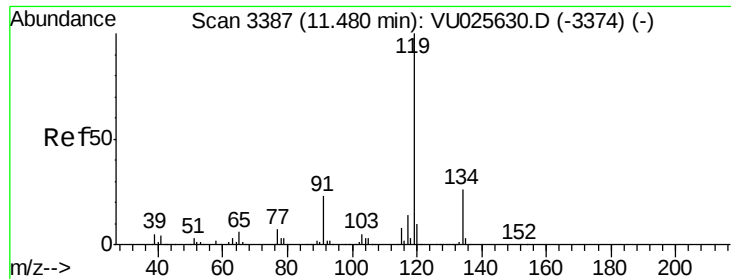
Ion Ratio Lower Upper

77 100

123 45.1 19.4 68.6

65 13.9 11.2 14.2

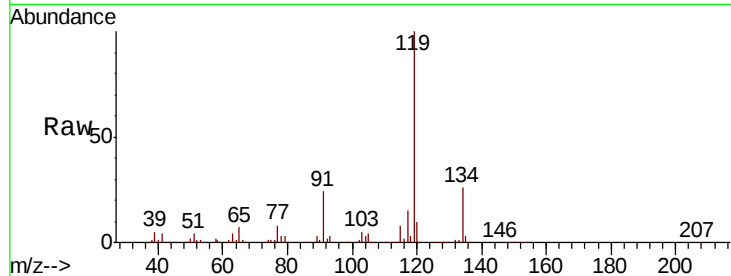




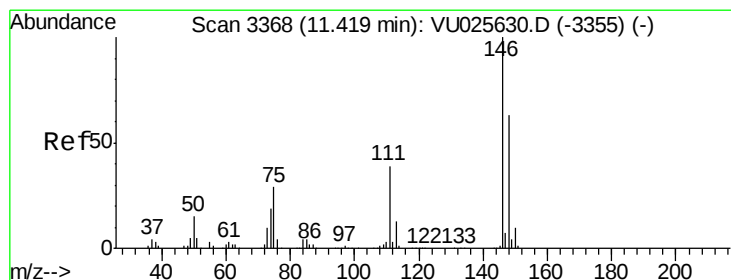
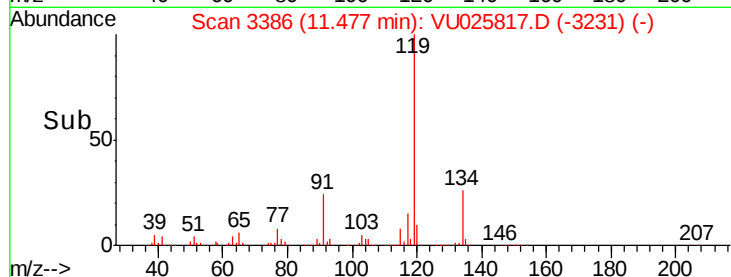
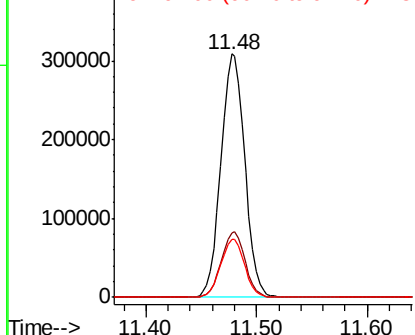
#81
p-Isopropyltoluene
Concen: 10.877 ug/l
RT: 11.48 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 463263
Ion Ratio Lower Upper
119 100
134 26.7 20.9 31.3
91 23.6 18.2 27.2

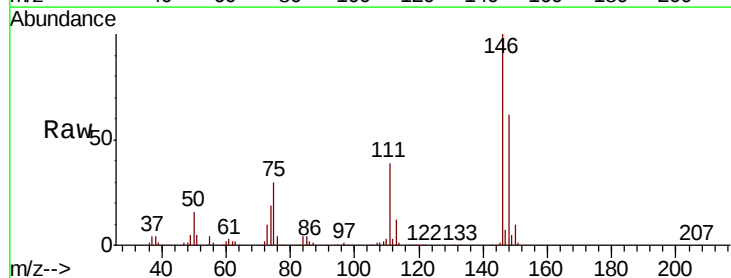


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

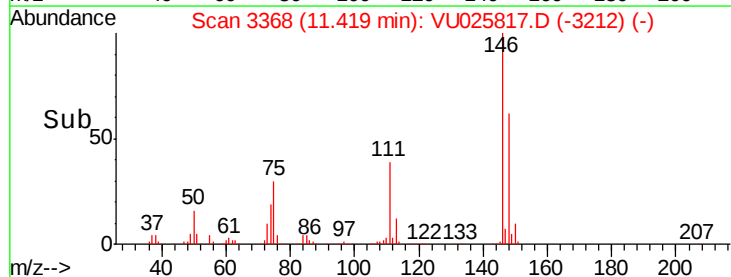
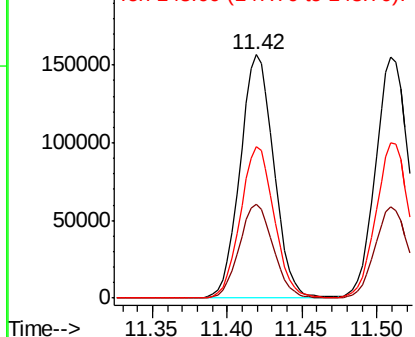


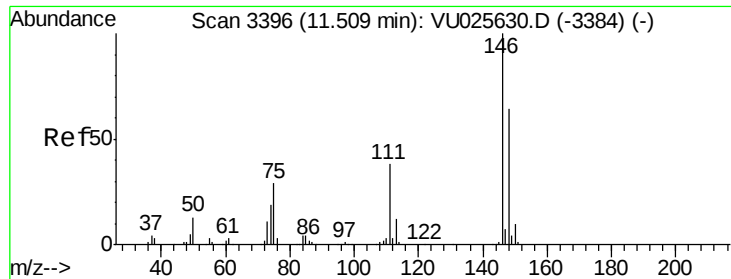
#82
1,3-Dichlorobenzene
Concen: 10.374 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025817.D
Acq: 03 Aug 2018 14:15

Tgt Ion:146 Resp: 245967
Ion Ratio Lower Upper
146 100
111 38.8 31.8 47.6
148 62.2 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

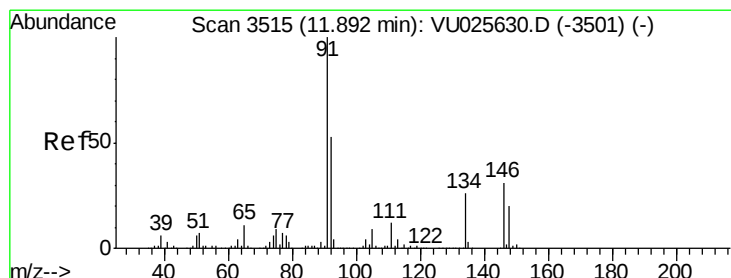
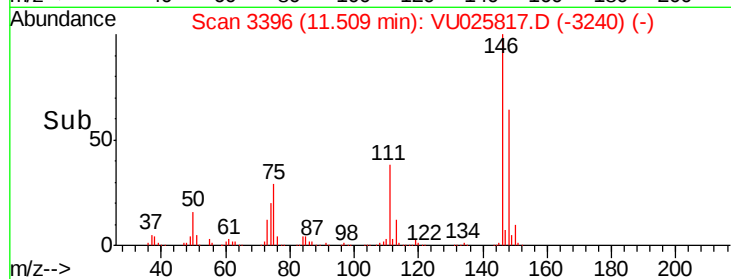
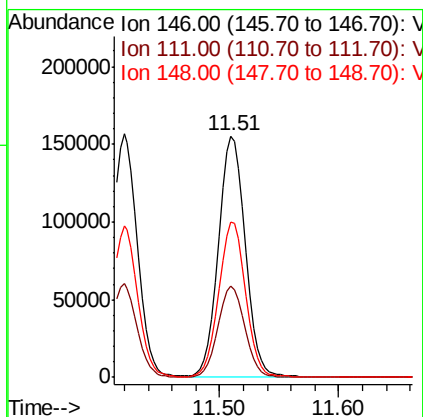
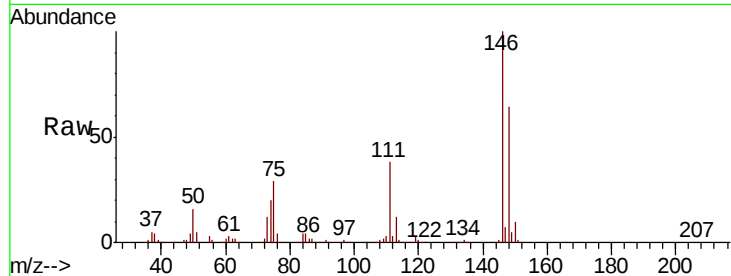




#83
 1,4-Dichlorobenzene
 Concen: 10.562 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

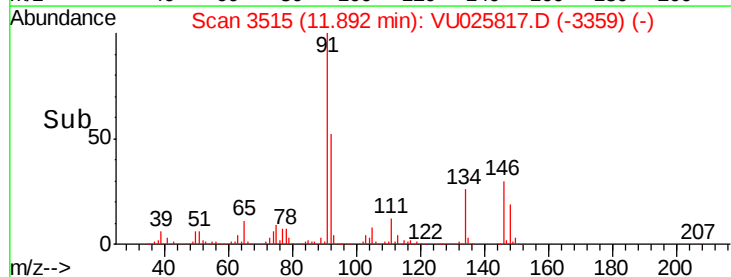
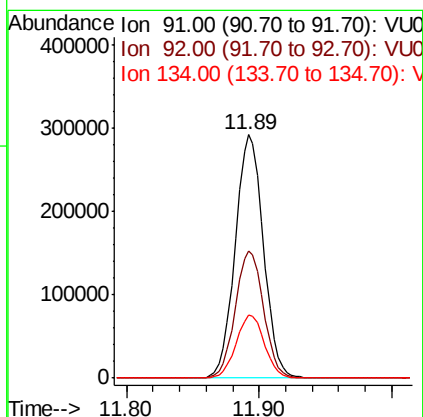
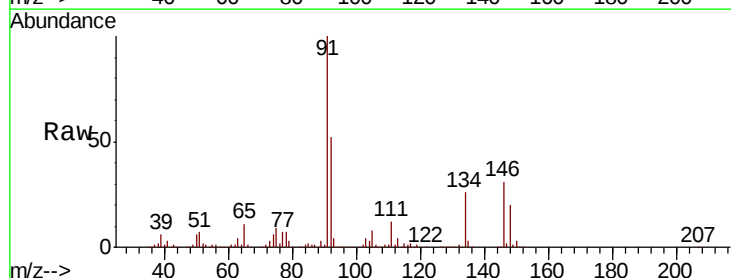
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

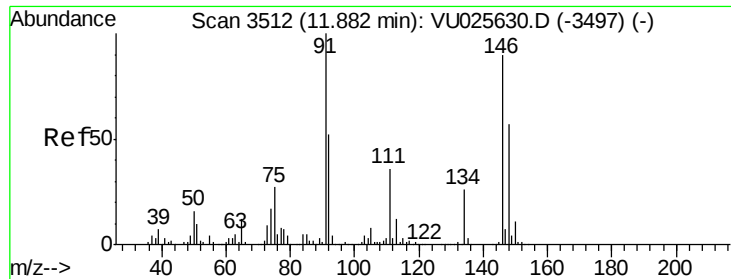
Tgt Ion: 146 Resp: 244191
 Ion Ratio Lower Upper
 146 100
 111 37.7 30.1 45.1
 148 64.0 50.6 76.0



#84
 n-Butylbenzene
 Concen: 10.763 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion: 91 Resp: 430117
 Ion Ratio Lower Upper
 91 100
 92 52.4 42.2 63.2
 134 26.1 20.3 30.5





#85

1,2-Dichlorobenzene

Concen: 10.351 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

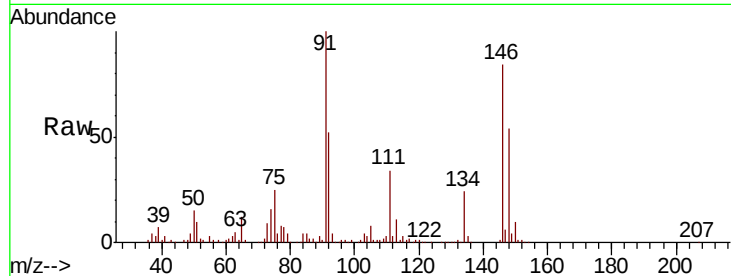
Tgt Ion:146 Resp: 224100

Ion Ratio Lower Upper

146 100

111 39.7 20.7 62.1

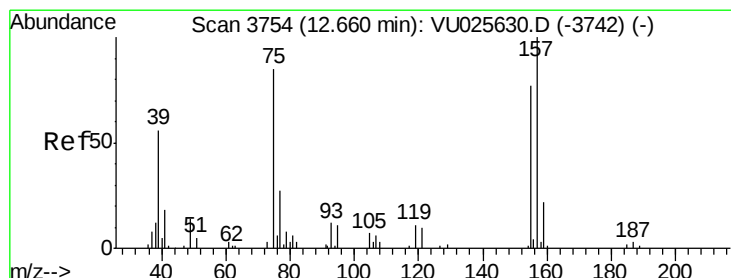
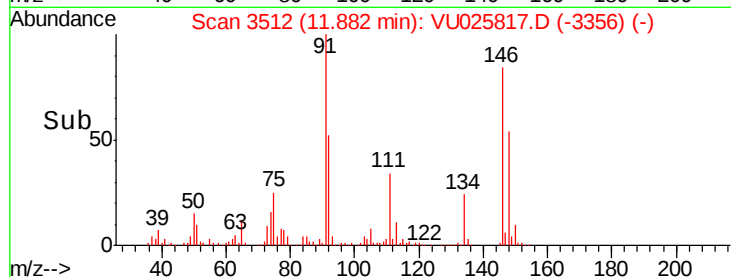
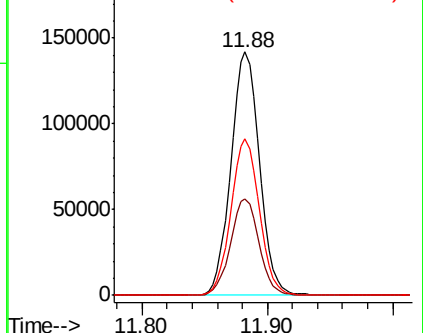
148 64.1 31.9 95.5



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.879 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

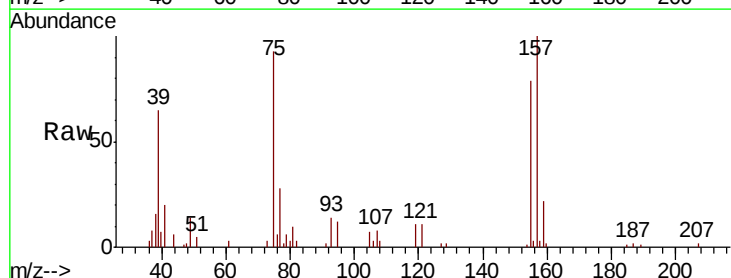
Tgt Ion: 75 Resp: 15369

Ion Ratio Lower Upper

75 100

155 82.0 65.8 98.6

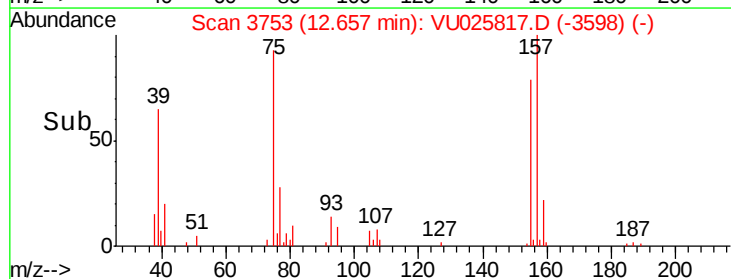
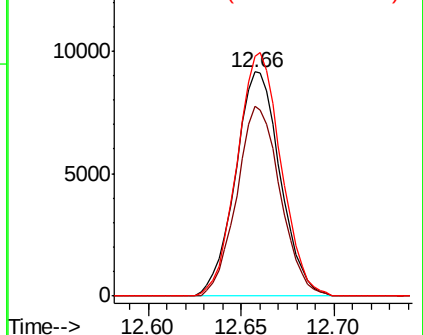
157 106.8 83.5 125.3

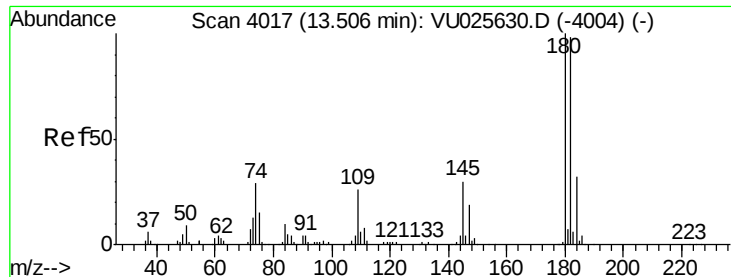


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

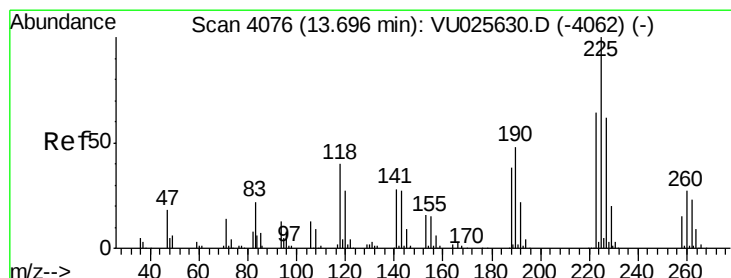
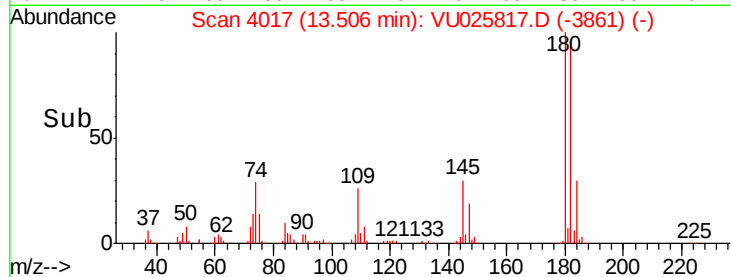
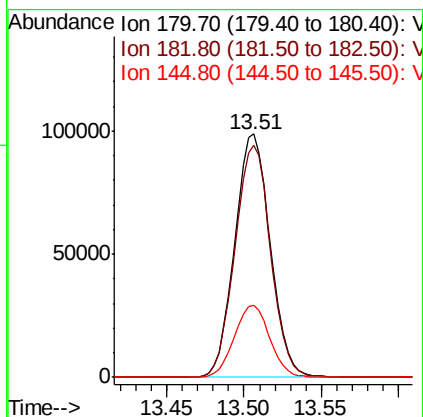
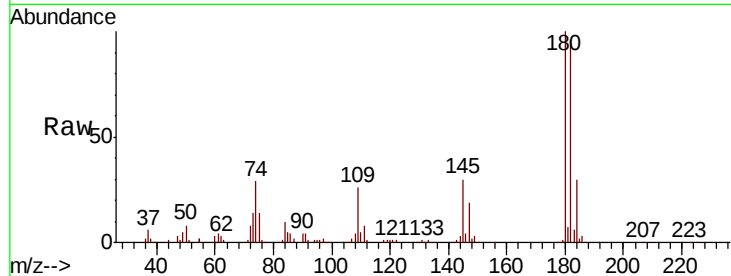




#87
 1,2,4-Trichlorobenzene
 Concen: 10.462 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

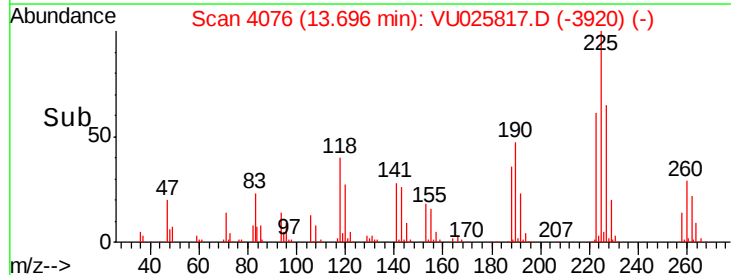
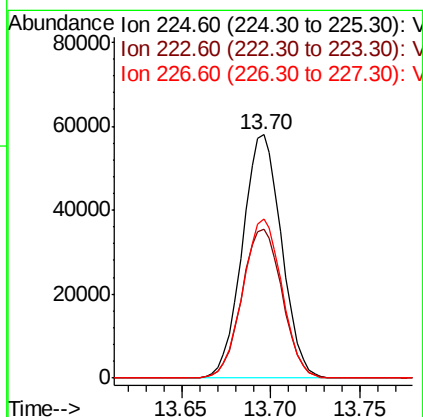
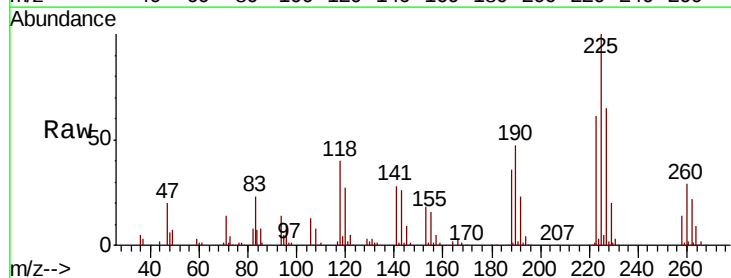
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

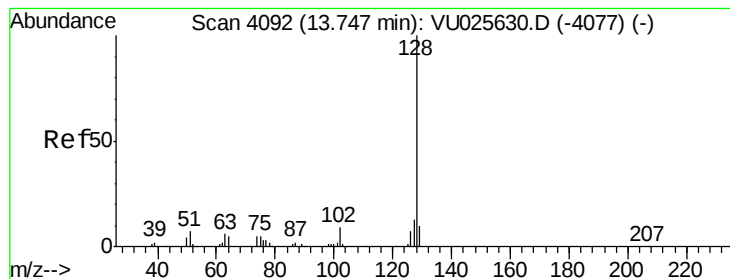
Tgt Ion:180 Resp: 157705
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.1 115.7
 145 29.6 23.3 34.9



#88
 Hexachlorobutadiene
 Concen: 9.634 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025817.D
 Acq: 03 Aug 2018 14:15

Tgt Ion:225 Resp: 89231
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.6 75.8
 227 65.4 51.8 77.6





#89

Naphthalene

Concen: 10.416 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. -0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

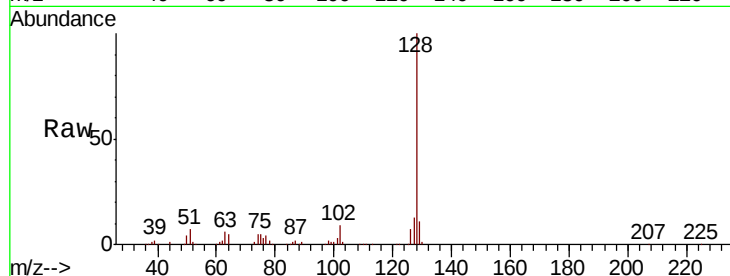
Tgt Ion:128 Resp: 254855

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

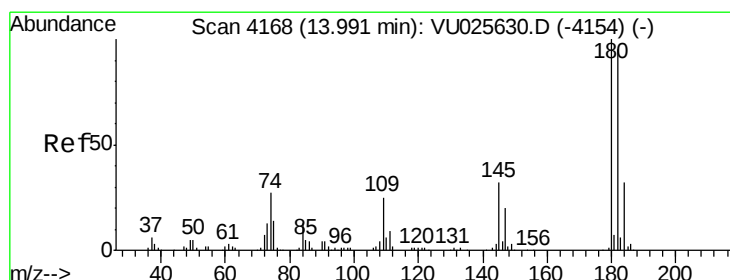
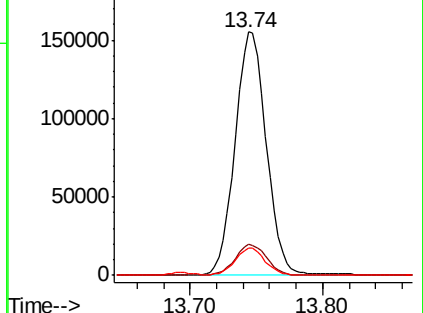
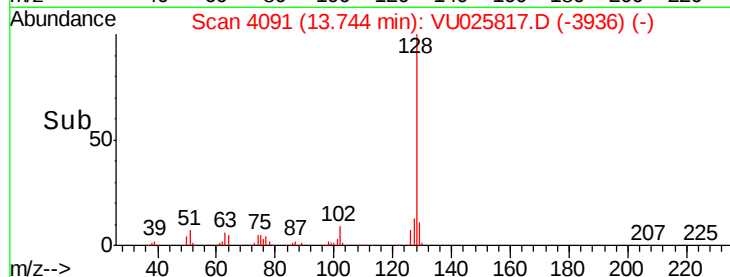
129 10.9 8.7 13.1



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: 10.559 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025817.D

Acq: 03 Aug 2018 14:15

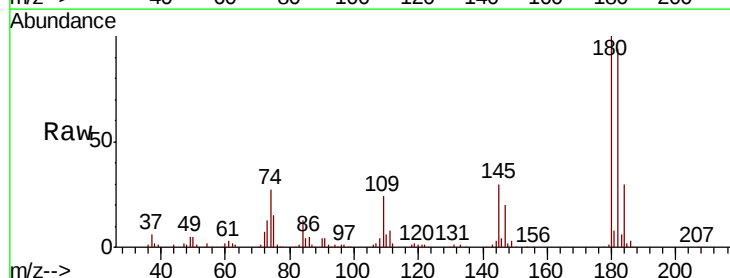
Tgt Ion:180 Resp: 145437

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

145 31.6 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

