

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
 Data File : VU025630.D
 Acq On : 25 Jul 2018 11:26
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 25 11:50:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 11:50:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.75	96	36738	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	14419	1.20	ug/l	0.00
Spiked Amount 1.000			Recovery	=	120.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15709	1.35	ug/l	0.00
Spiked Amount 1.000			Recovery	=	135.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	130870	10.971	ug/l	100
3) Chloromethane	1.33	50	124186	8.985	ug/l	99
4) Vinyl Chloride	1.41	62	115994	8.749	ug/l	100
5) Bromomethane	1.63	94	53475	7.544	ug/l	100
6) Chloroethane	1.70	64	67453	9.139	ug/l	99
7) Trichlorofluoromethane	1.89	101	168533	11.074	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91892	9.828	ug/l	98
9) 1,1-Dichloroethene	2.29	96	80035	9.220	ug/l	93
10) Iodomethane	2.41	142	74501	7.217	ug/l	94
11) Allyl Chloride	2.59	41	138610	8.687	ug/l	89
12) Acrylonitrile	2.94	53	34046	19.005	ug/l	96
13) Acetone	2.32	43	73980	48.657	ug/l	96
14) Carbon Disulfide	2.48	76	274420	9.609	ug/l	100
15) Methylene Chloride	2.70	84	91374	9.241	ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	90026	9.679	ug/l	92
17) 1,1-Dichloroethane	3.45	63	184332	10.062	ug/l	98
18) 2-Butanone	4.28	43	139331	56.711	ug/l	97
19) Cyclohexane	4.99	56	145591	9.198	ug/l	88
20) Methylcyclohexane	6.42	83	177799	11.010	ug/l	94
21) 2,2-Dichloropropane	4.23	77	166076	11.432	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	113919	11.319	ug/l	93
23) Diethyl Ether	2.10	59	62112	8.752	ug/l	96
24) tert-Butyl Alcohol	2.84	59	66439	124.149	ug/l #	81
25) Methyl tert-Butyl Ether	3.01	73	216065	9.904	ug/l	97
26) Bromochloromethane	4.55	128	49502	12.447	ug/l	84
27) Chloroform	4.68	83	196214	11.373	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	178902	12.641	ug/l	98
29) 1,1-Dichloropropene	5.14	75	151888	10.938	ug/l	98
30) Carbon Tetrachloride	5.14	117	167151	14.038	ug/l	99
31) Isopropyl Ether	3.58	45	290982	9.410	ug/l	94
32) Ethyl-t-butyl ether	4.09	59	276616	10.468	ug/l	94
33) Tert-Amyl methyl ether	5.59	73	247071	11.047	ug/l	98
34) Propionitrile	4.34	54	37332	53.366	ug/l #	93
35) Benzene	5.39	78	417739	10.121	ug/l	99
36) 1,2-Dichloroethane	5.41	62	128445	11.003	ug/l	98
37) Trichloroethene	6.19	130	119330	10.770	ug/l	99
38) 1,2-Dichloropropane	6.44	63	108637	9.597	ug/l	98
39) Methacrylonitrile	4.55	41	35376	9.890	ug/l	93
40) Methyl acrylate	4.43	55	52976	10.678	ug/l #	97
41) Tetrahydrofuran	4.66	42	36395	19.747	ug/l	94
42) 1-Chlorobutane	5.07	56	205679	10.219	ug/l	100

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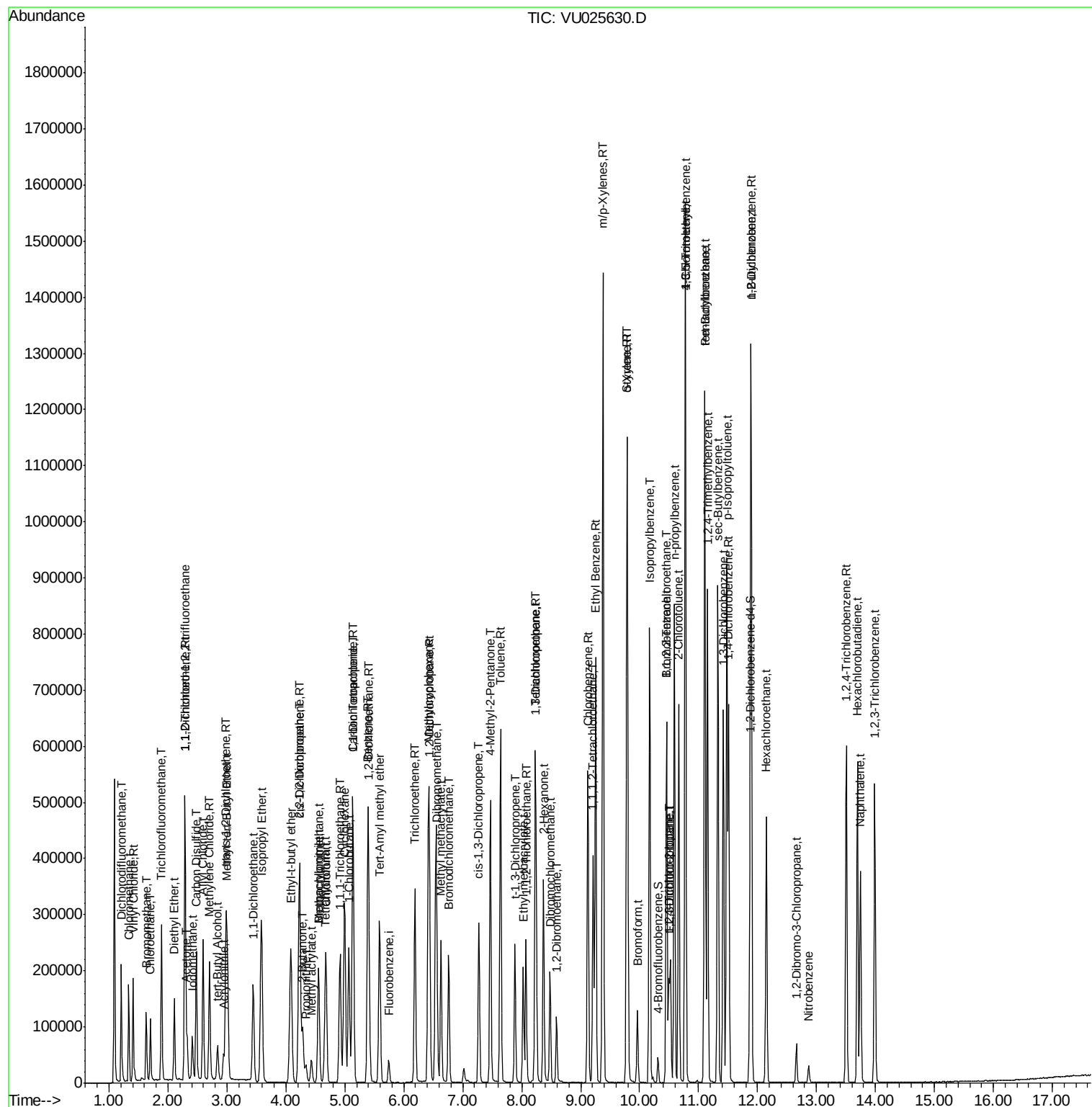
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	57397	11.789	ug/l	98
44) Bromodichloromethane	6.76	83	144538	11.814	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	323164	56.161	ug/l	97
46) t-1,4-Dichloro-2-butene	10.50	75	61590	36.202	ug/l #	73
47) Methyl methacrylate	6.63	69	98551	22.340	ug/l	95
48) Ethyl methacrylate	8.02	69	99989	12.964	ug/l	99
49) Toluene	7.64	92	262522	11.011	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	131663	12.608	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	159050	11.701	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	76297	11.013	ug/l	98
53) 1,3-Dichloropropane	8.25	76	131029	10.640	ug/l	100
54) 2-Hexanone	8.37	43	230360	58.769	ug/l	99
55) Dibromochloromethane	8.48	129	98029	12.914	ug/l	96
56) 1,2-Dibromoethane	8.59	107	74480	12.478	ug/l	99
58) Tetrachloroethene	8.23	164	112116	11.098	ug/l	98
59) Chlorobenzene	9.12	112	296281	11.610	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	110287	12.724	ug/l	97
61) Pentachloroethane	11.10	117	87384	14.204	ug/l	96
62) Hexachloroethane	12.15	117	89776	15.204	ug/l	97
63) Ethyl Benzene	9.25	91	508812	11.995	ug/l	98
64) m/p-Xylenes	9.38	106	407370	24.903	ug/l	97
65) o-Xylene	9.78	106	192125	12.196	ug/l	99
66) Styrene	9.80	104	330641	12.728	ug/l	100
67) Bromoform	9.96	173	56807	14.329	ug/l	97
69) Isopropylbenzene	10.17	105	518151	12.770	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	96371	12.342	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	61590	11.021	ug/l #	91
72) Bromobenzene	10.45	156	130484	12.916	ug/l	96
73) n-propylbenzene	10.59	120	150711	13.436	ug/l	92
74) 2-Chlorotoluene	10.66	126	130517	13.160	ug/l	89
75) 1,3,5-Trimethylbenzene	10.78	105	465104	13.605	ug/l	100
76) 4-Chlorotoluene	10.78	126	137442	13.377	ug/l	95
77) tert-Butylbenzene	11.10	119	449211	14.026	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	475513	13.777	ug/l	100
79) sec-Butylbenzene	11.33	105	597592	13.325	ug/l	97
80) Nitrobenzene	12.87	77	16782	61.882	ug/l	99
81) p-Isopropyltoluene	11.48	119	519206	14.088	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	270134	13.398	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	271758	13.496	ug/l	99
84) n-Butylbenzene	11.89	91	484822	13.475	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	249533	13.708	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16768	15.217	ug/l	90
87) 1,2,4-Trichlorobenzene	13.51	180	183842	13.963	ug/l	100
88) Hexachlorobutadiene	13.70	225	106767	13.373	ug/l	98
89) Naphthalene	13.75	128	305872	15.426	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	165466	13.388	ug/l	99

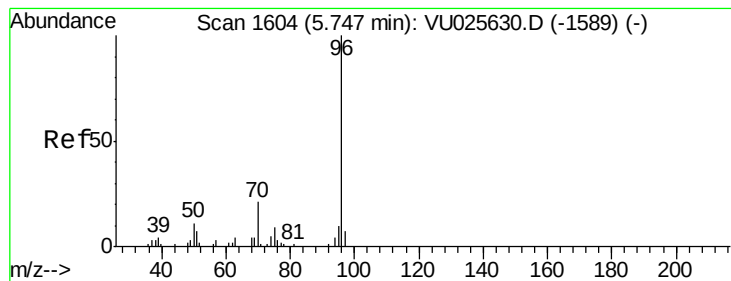
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 96 Resp: 36738

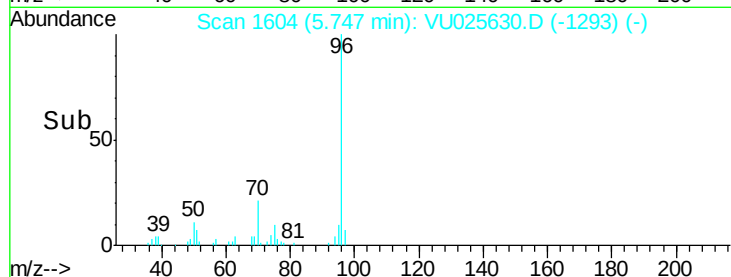
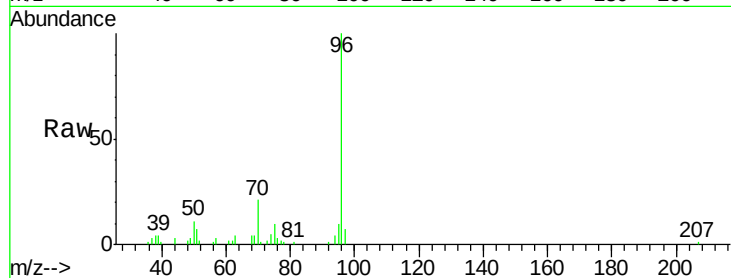
Ion Ratio Lower Upper

96 100

70 20.2 16.2 24.4

95 9.2 6.9 10.3

97 0.0 0.0 0.0

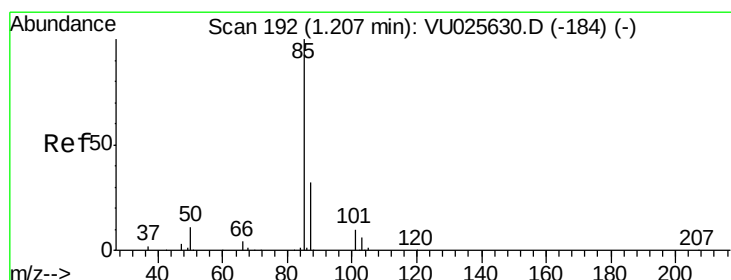
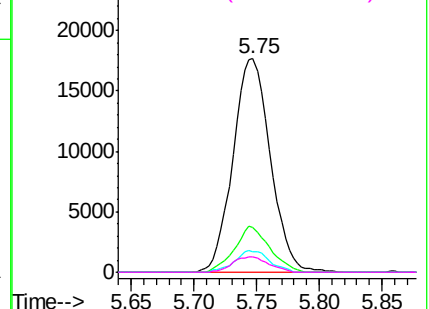


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 10.971 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025630.D

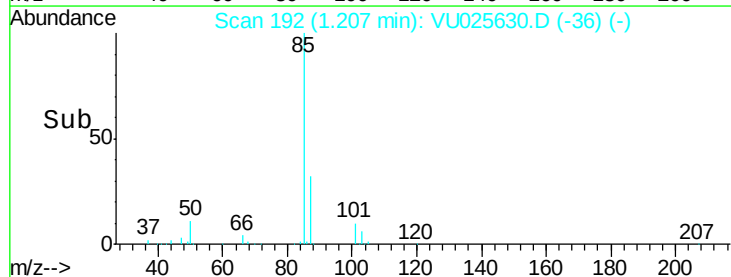
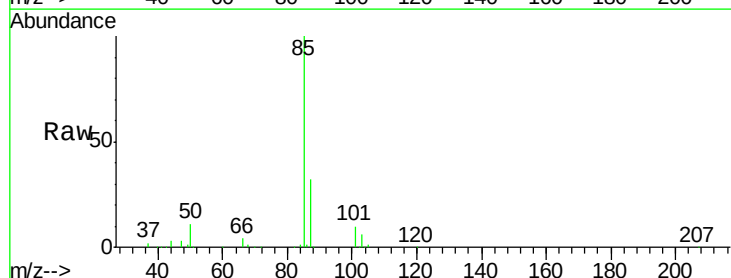
Acq: 25 Jul 2018 11:26

Tgt Ion: 85 Resp: 130870

Ion Ratio Lower Upper

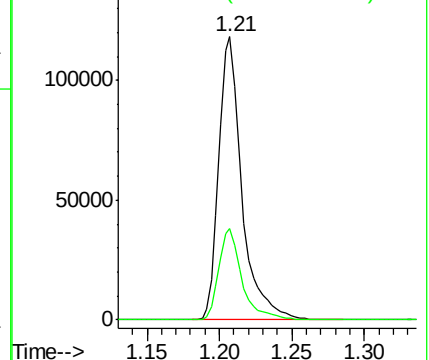
85 100

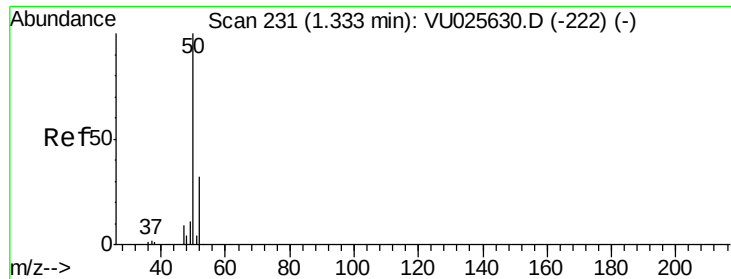
87 32.1 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

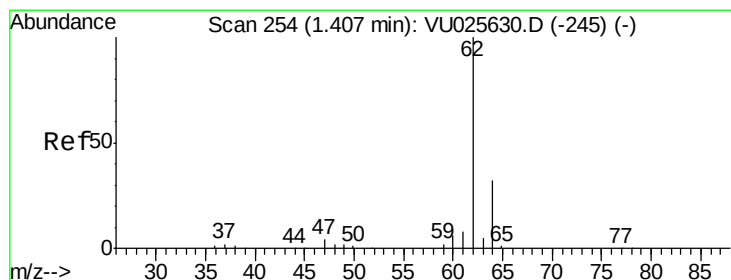
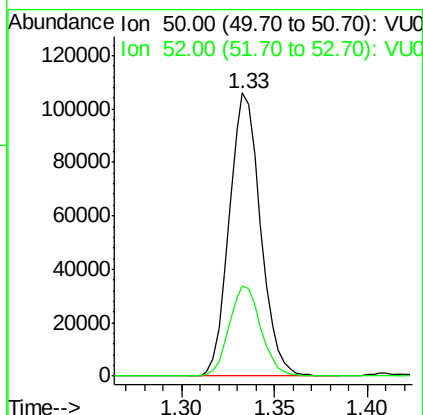
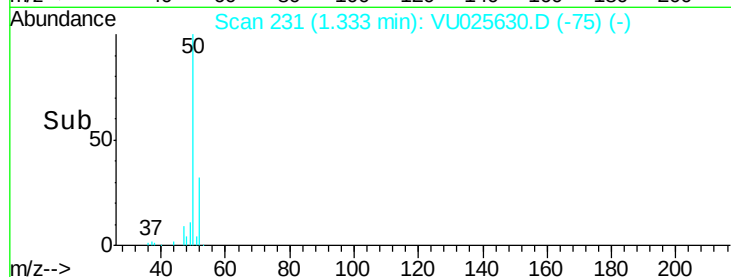
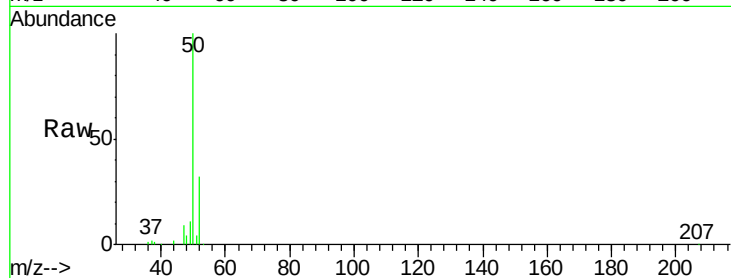




#3
Chloromethane
Concen: 8.985 ug/l
RT: 1.33 min Scan# 231
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

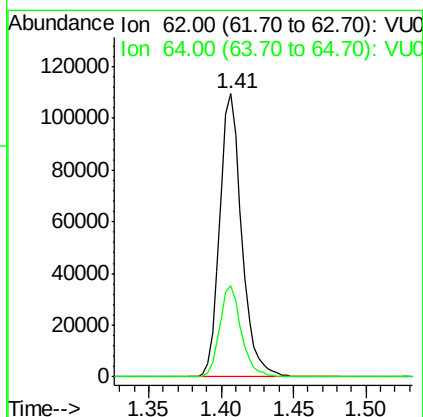
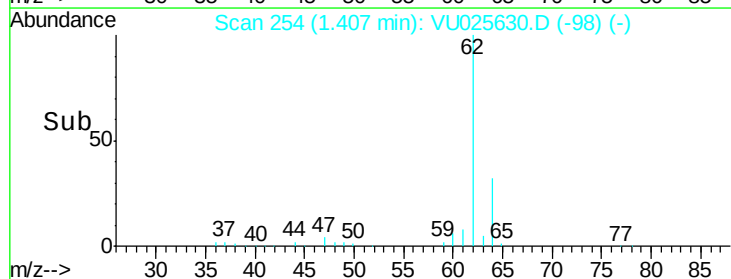
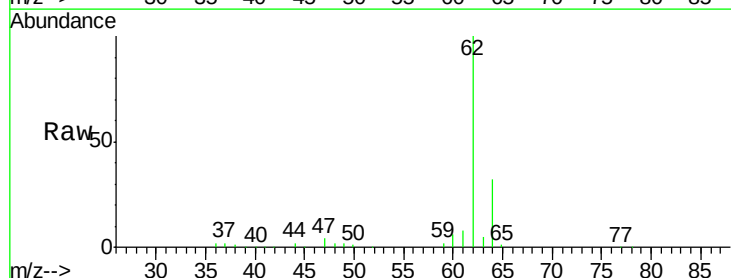
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

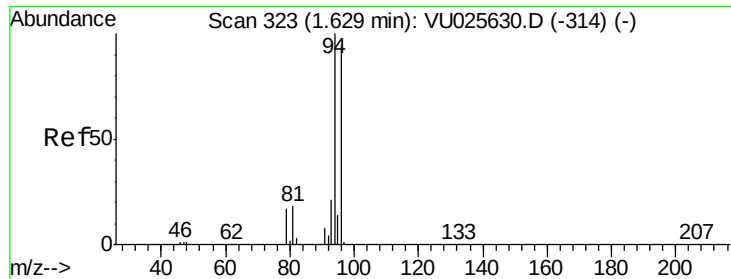
Tgt Ion: 50 Resp: 124186
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0



#4
Vinyl Chloride
Concen: 8.749 ug/l
RT: 1.41 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion: 62 Resp: 115994
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5

Bromomethane

Concen: 7.544 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

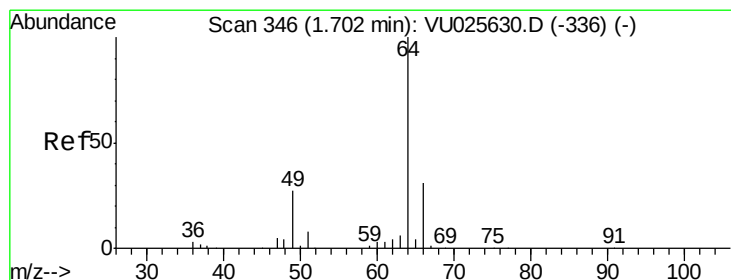
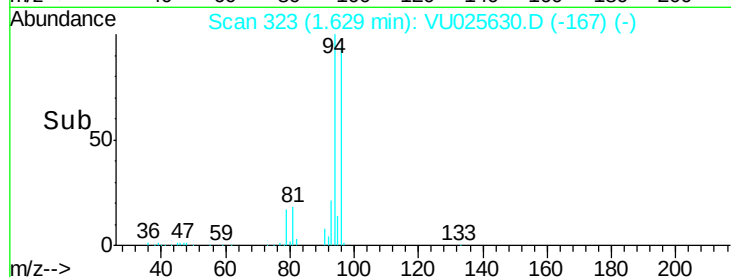
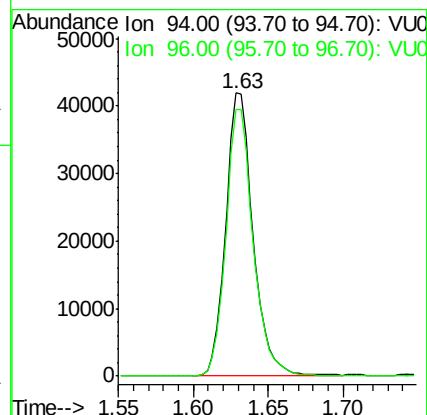
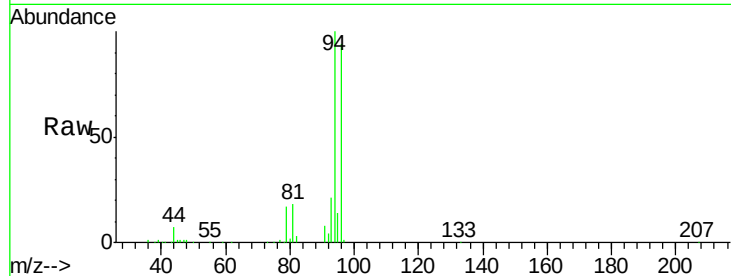
VSTDICCC010

Tgt Ion: 94 Resp: 53475

Ion Ratio Lower Upper

94 100

96 94.4 75.1 112.7



#6

Chloroethane

Concen: 9.139 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025630.D

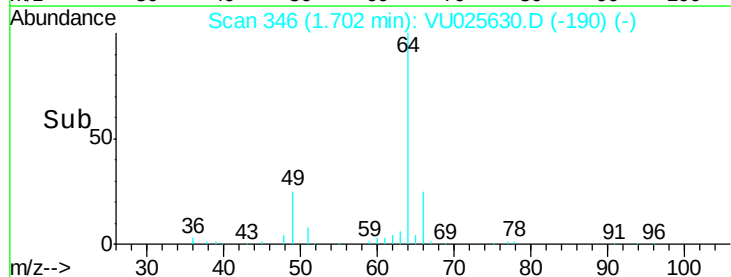
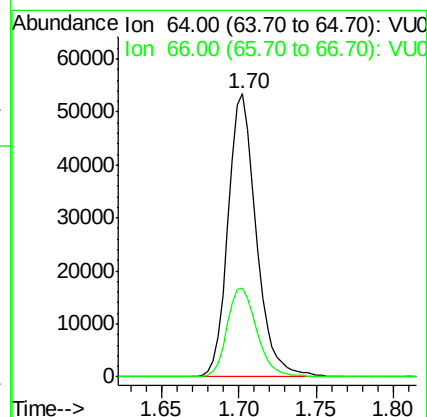
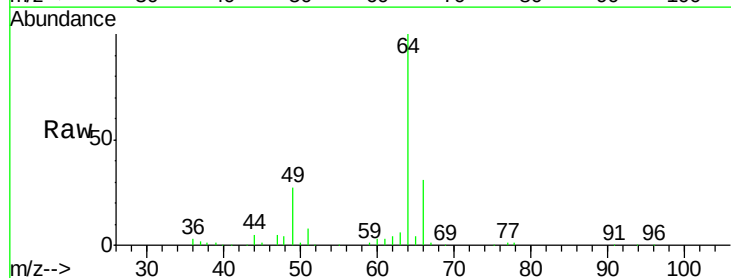
Acq: 25 Jul 2018 11:26

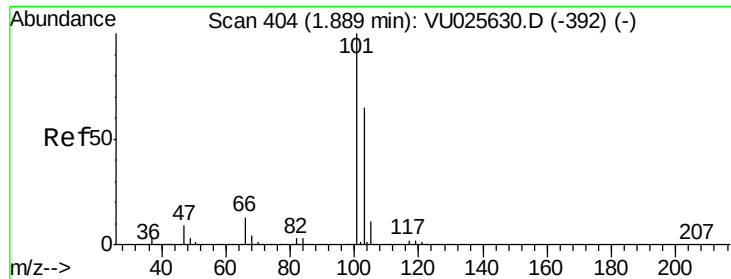
Tgt Ion: 64 Resp: 67453

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3



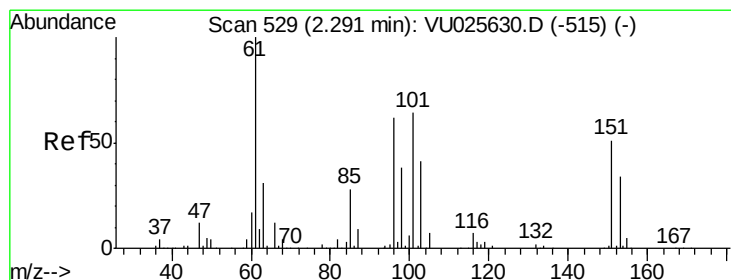
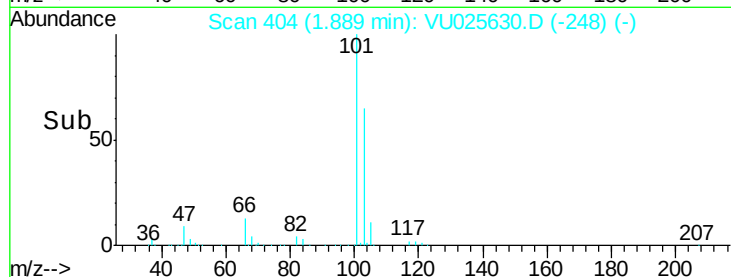
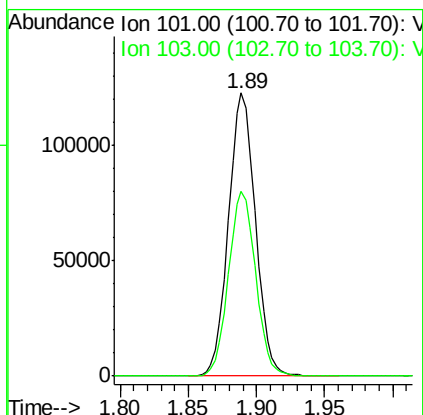
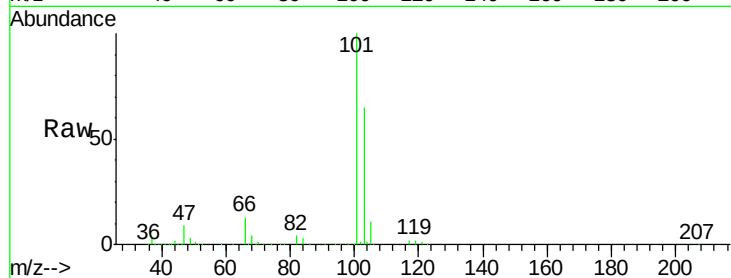


#7

Trichlorofluoromethane
 Concen: 11.074 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025630.D
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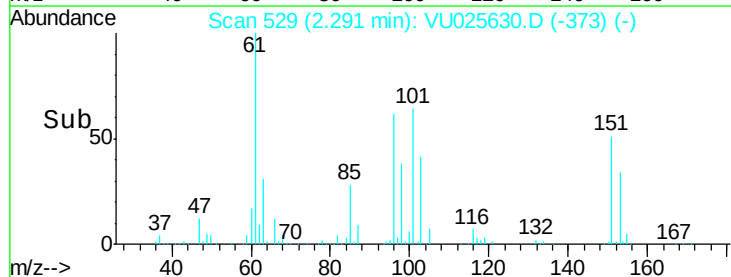
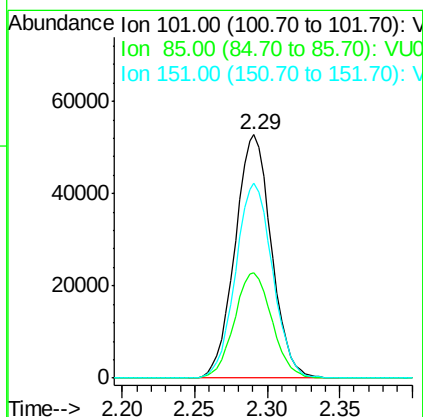
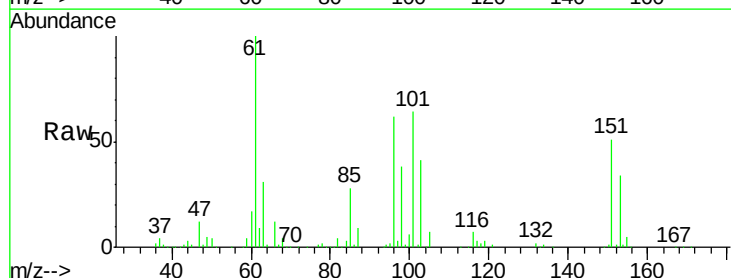
Tgt Ion:101 Resp: 168533
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.0

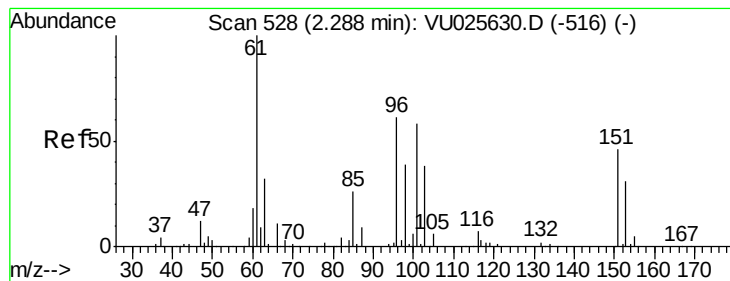


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.828 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion:101 Resp: 91892
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.2 52.8
 151 81.6 63.5 95.3





#9

1,1-Dichloroethene

Concen: 9.220 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

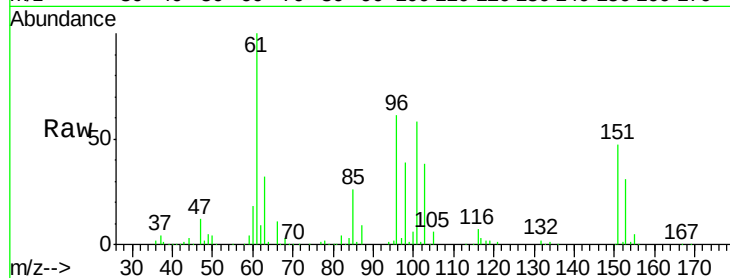
Tgt Ion: 96 Resp: 80035

Ion Ratio Lower Upper

96 100

61 163.4 0.0 526.5

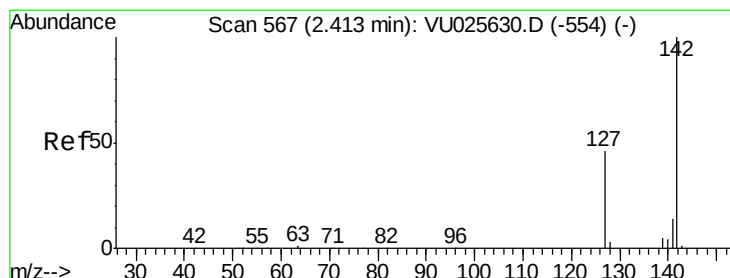
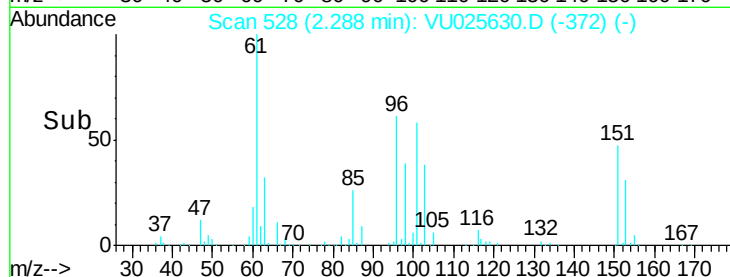
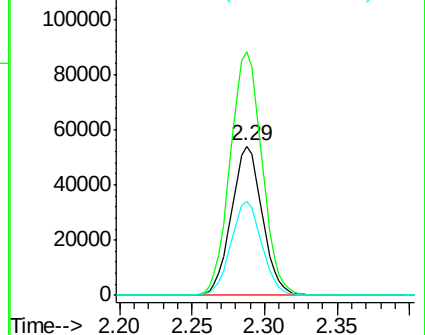
98 63.2 0.0 123.4



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: 7.217 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025630.D

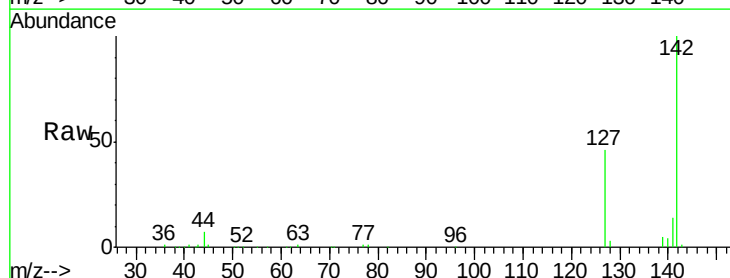
Acq: 25 Jul 2018 11:26

Tgt Ion: 142 Resp: 74501

Ion Ratio Lower Upper

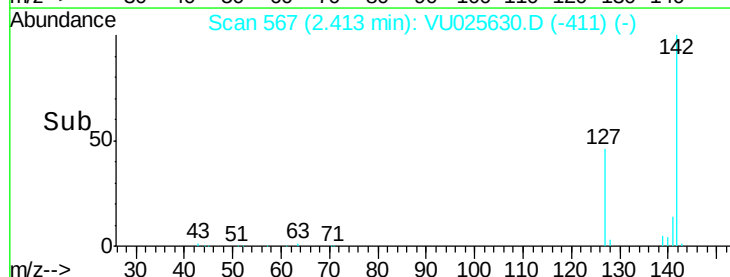
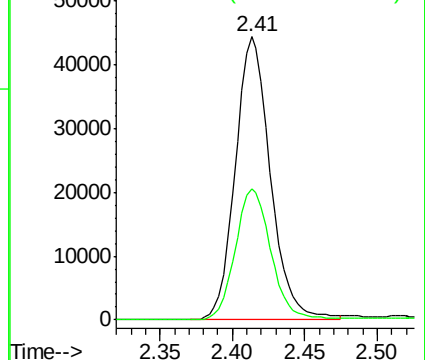
142 100

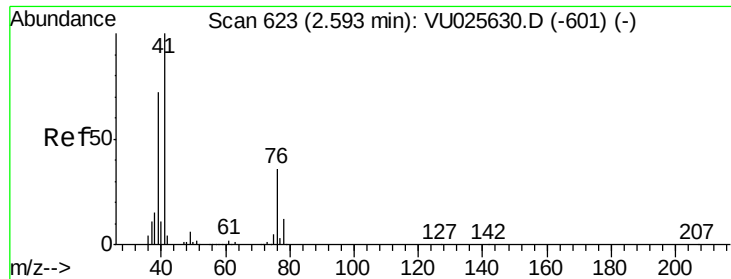
127 47.0 34.5 51.7



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

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

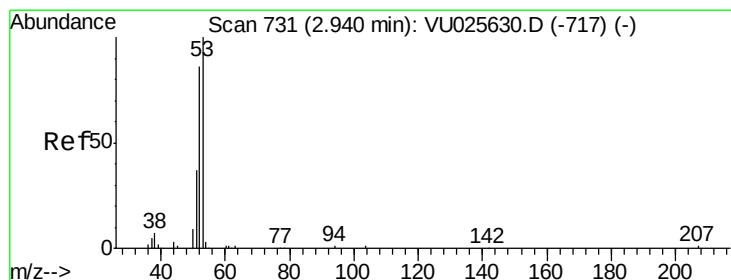
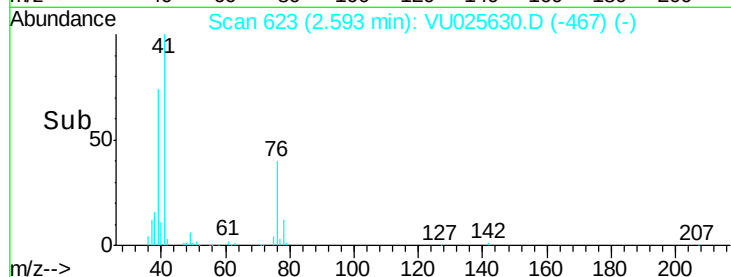
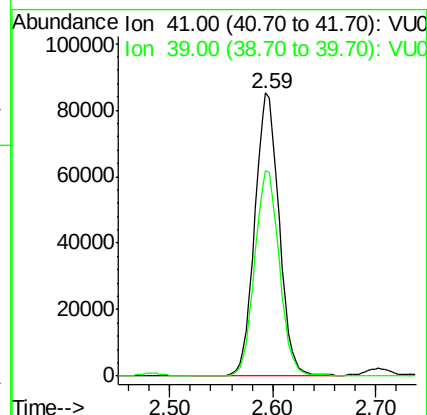
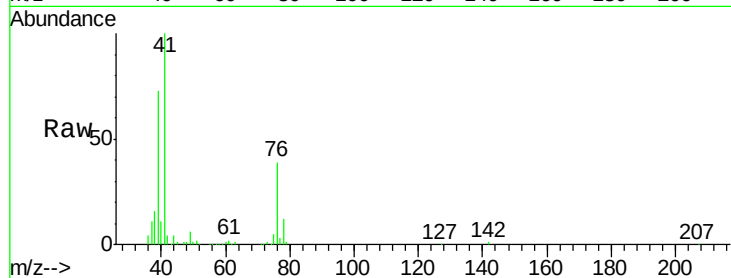




#11
 Allyl Chloride
 Concen: 8.687 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

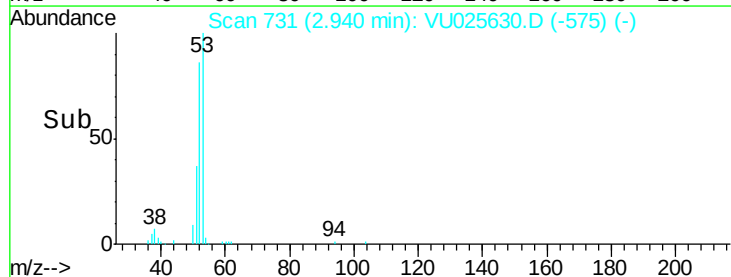
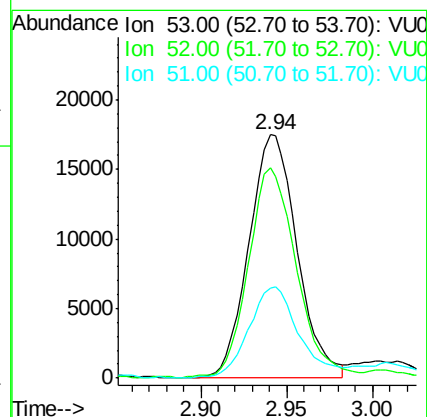
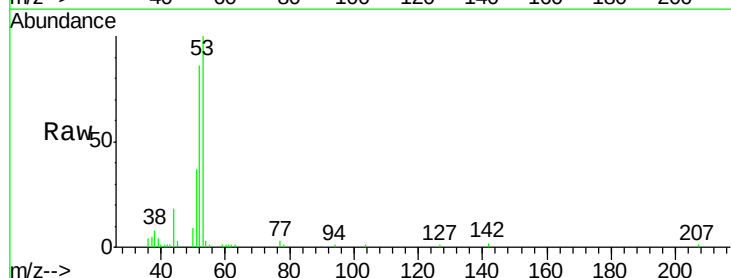
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

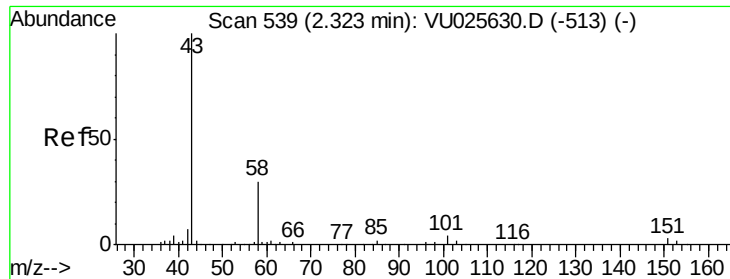
Tgt Ion: 41 Resp: 138610
 Ion Ratio Lower Upper
 41 100
 39 73.1 51.4 77.2



#12
 Acrylonitrile
 Concen: 19.005 ug/l
 RT: 2.94 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion: 53 Resp: 34046
 Ion Ratio Lower Upper
 53 100
 52 86.3 65.1 97.7
 51 39.1 30.2 45.4





#13

Acetone

Concen: 48.657 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

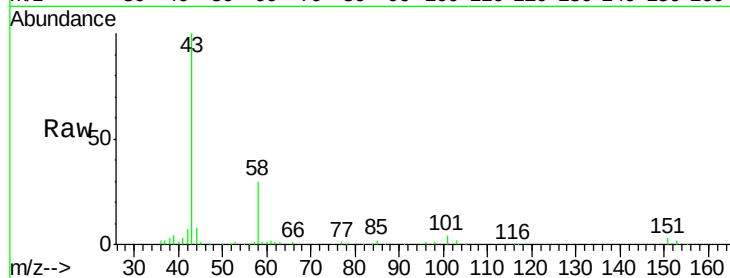
VSTDICCC010

Tgt Ion: 43 Resp: 73980

Ion Ratio Lower Upper

43 100

58 30.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

50000

40000

30000

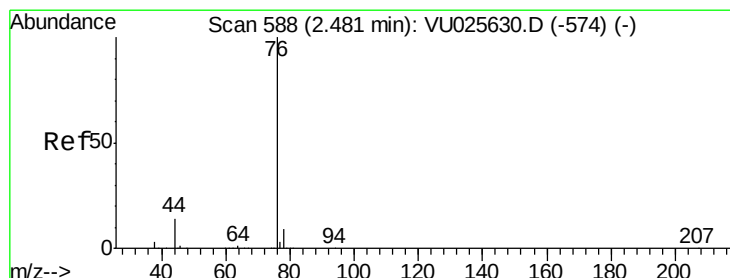
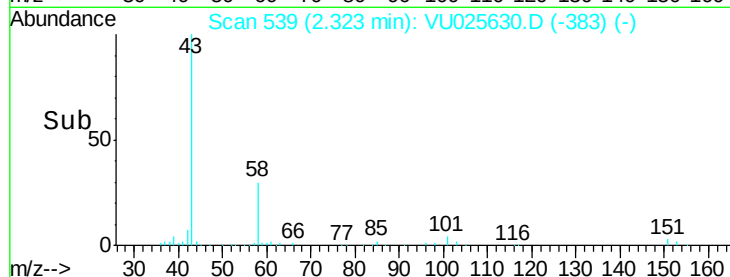
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Carbon Disulfide

Concen: 9.609 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025630.D

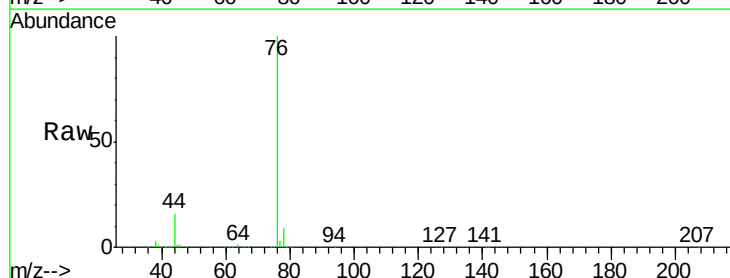
Acq: 25 Jul 2018 11:26

Tgt Ion: 76 Resp: 274420

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

200000

150000

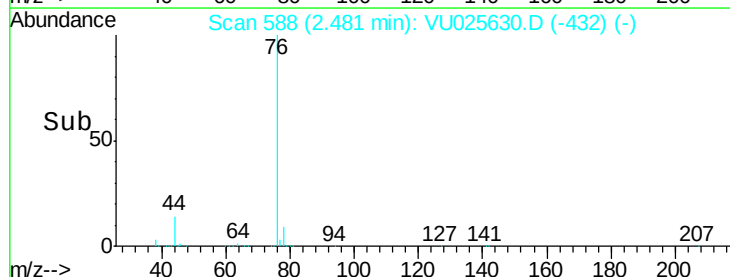
100000

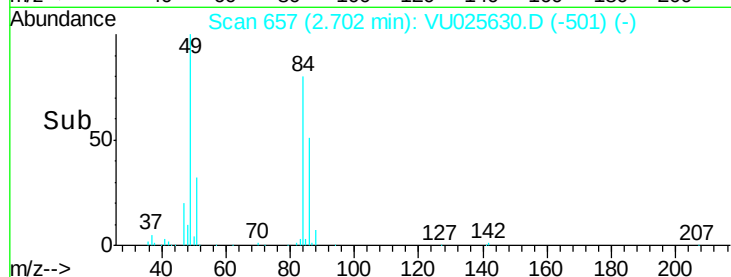
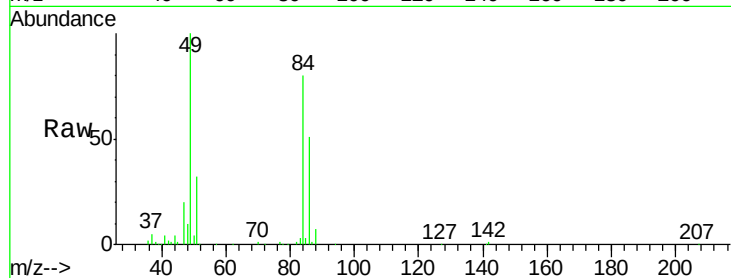
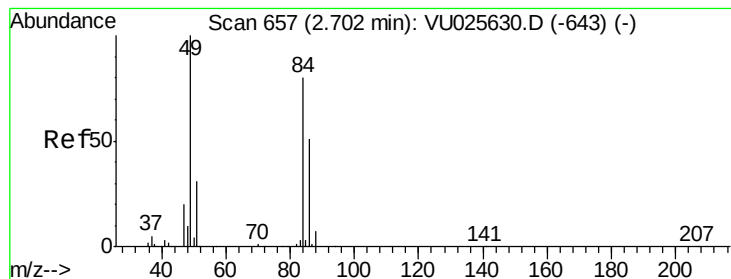
50000

0

Time-->

2.40 2.45 2.50 2.55





#15

Methylene Chloride

Concen: 9.241 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 84 Resp: 91374

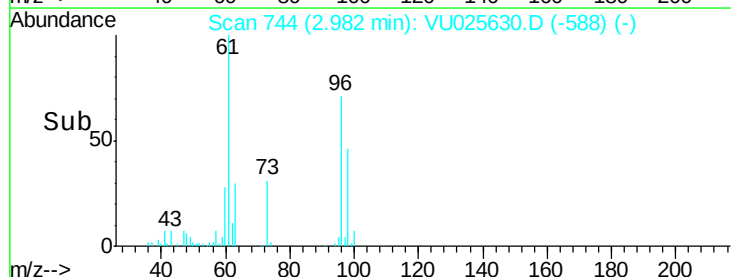
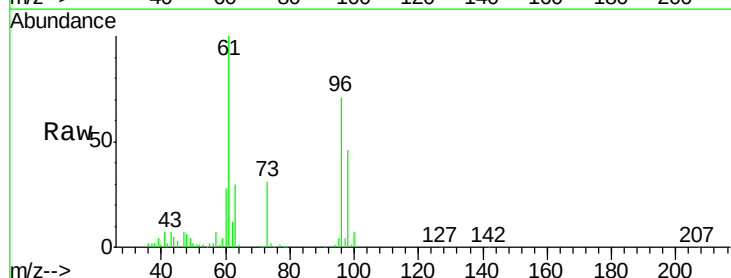
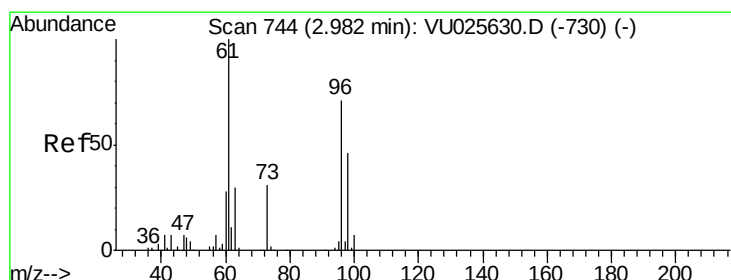
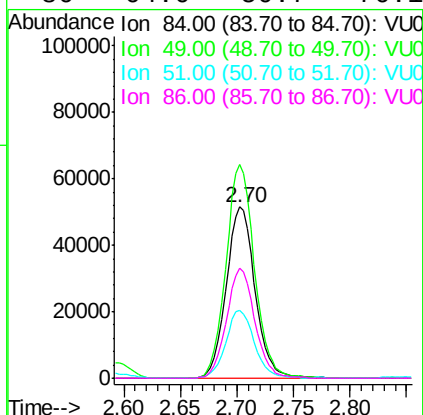
Ion Ratio Lower Upper

84 100

49 124.9 108.7 163.1

51 39.5 0.0 82.4

86 64.0 50.7 76.1



#16

trans-1,2-Dichloroethene

Concen: 9.679 ug/l

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

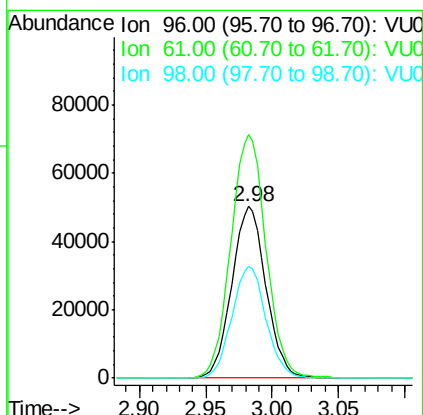
Tgt Ion: 96 Resp: 90026

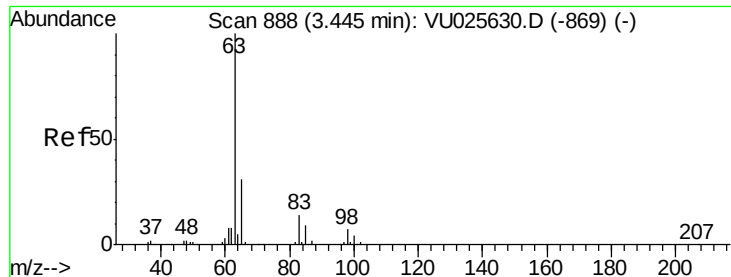
Ion Ratio Lower Upper

96 100

61 141.5 123.9 185.9

98 65.2 50.6 76.0

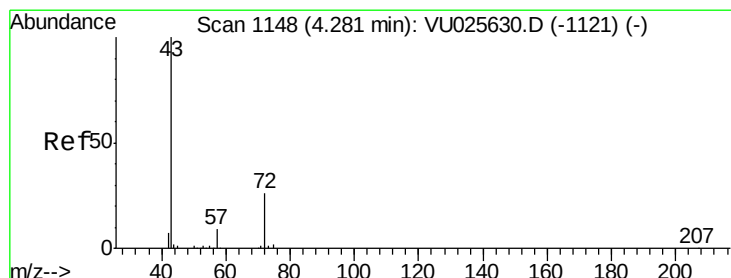
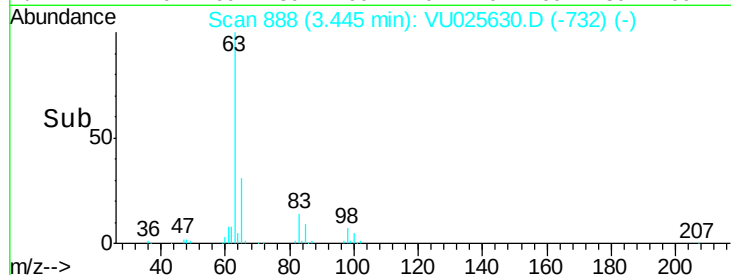
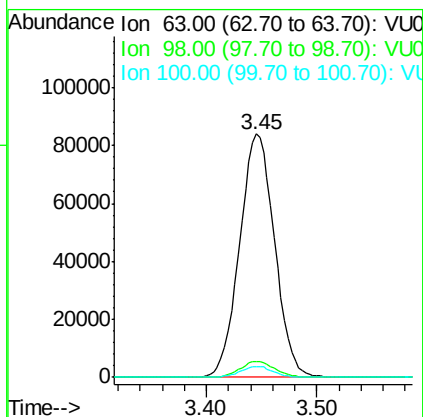
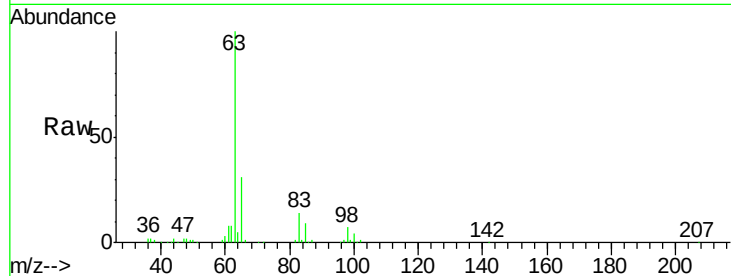




#17
 1,1-Dichloroethane
 Concen: 10.062 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

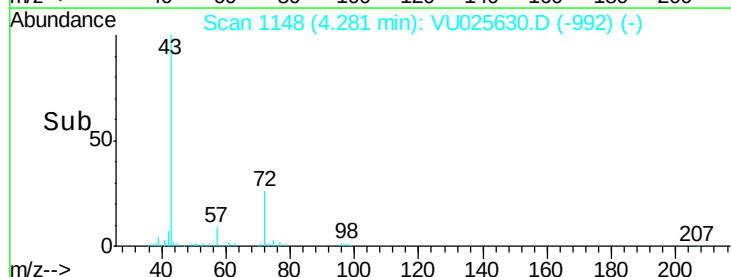
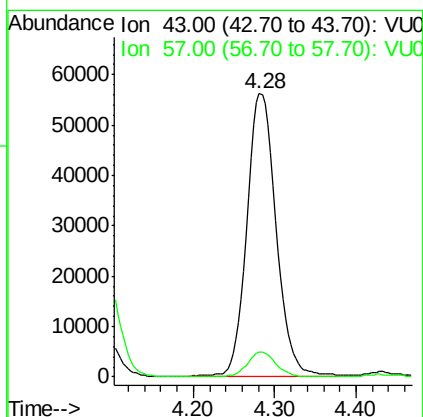
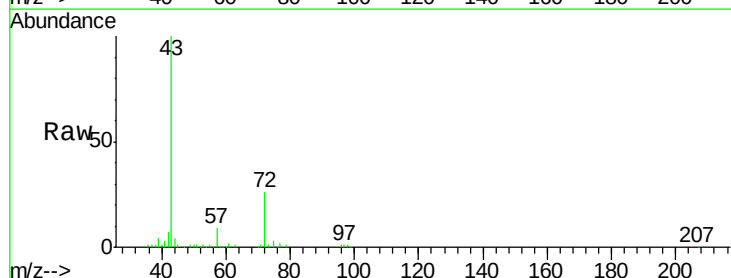
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

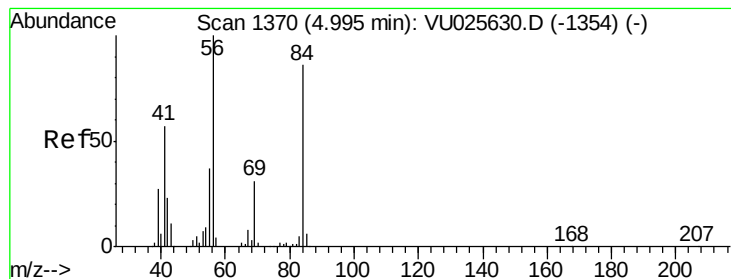
Tgt Ion: 63 Resp: 184332
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 4.5 2.0 5.8



#18
 2-Butanone
 Concen: 56.711 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion: 43 Resp: 139331
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 15.8





#19

Cyclohexane

Concen: 9.198 ug/l

RT: 4.99 min Scan# 1370

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

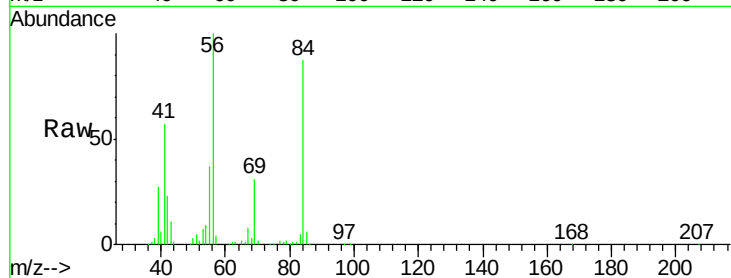
Tgt Ion: 56 Resp: 145591

Ion Ratio Lower Upper

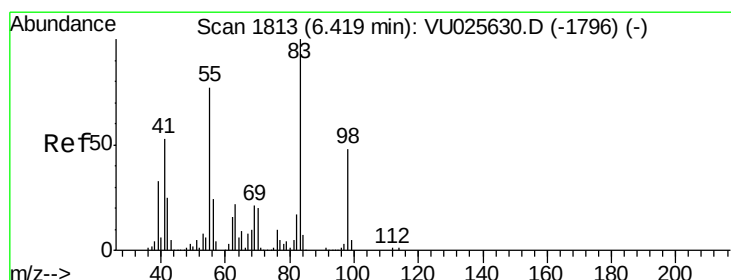
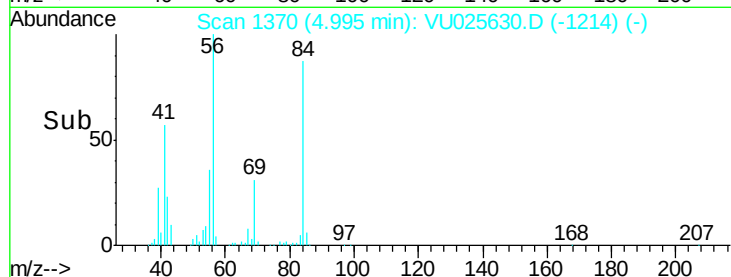
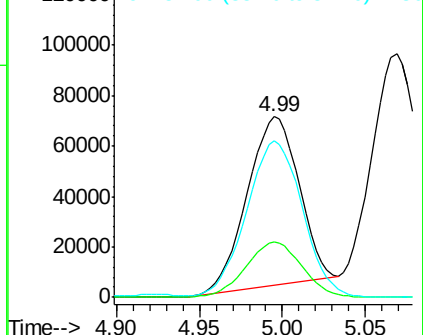
56 100

69 35.6 26.0 39.0

84 99.3 68.3 102.5



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



#20

Methylcyclohexane

Concen: 11.010 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

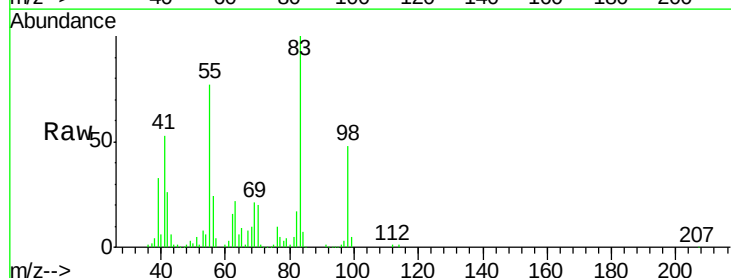
Tgt Ion: 83 Resp: 177799

Ion Ratio Lower Upper

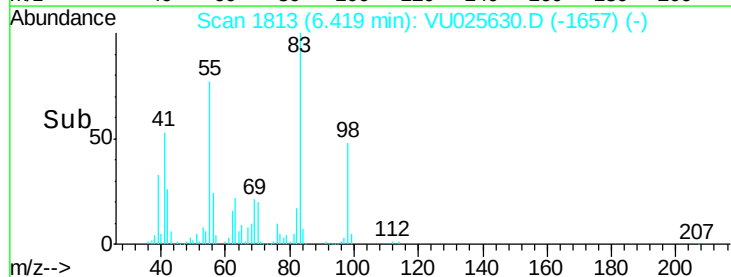
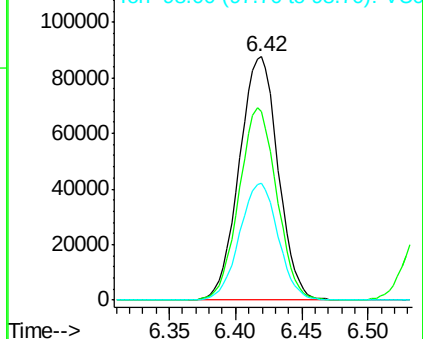
83 100

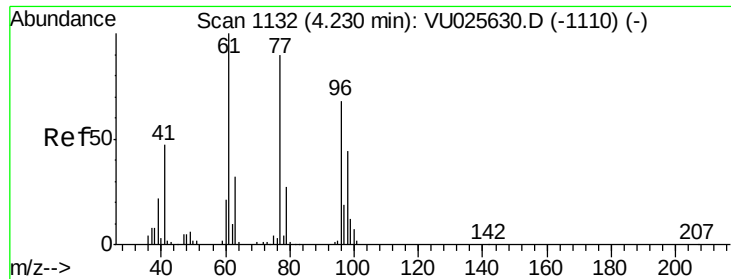
55 77.0 66.4 99.6

98 47.9 35.4 53.2



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

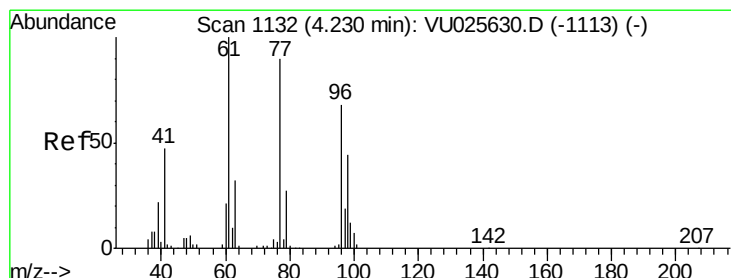
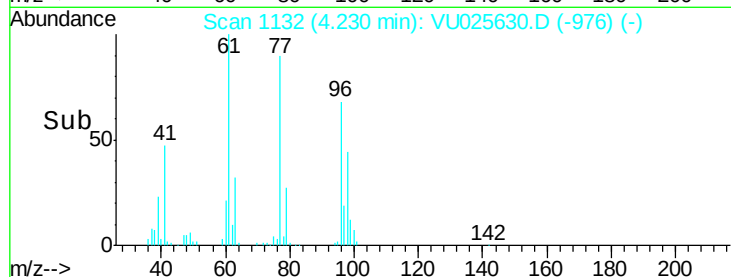
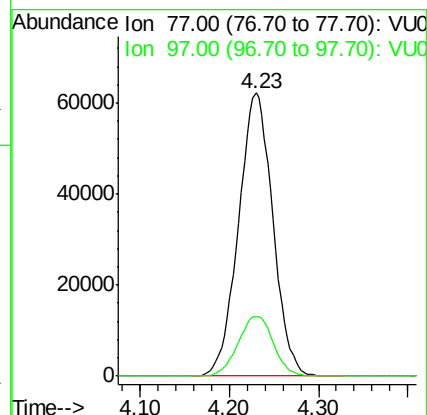
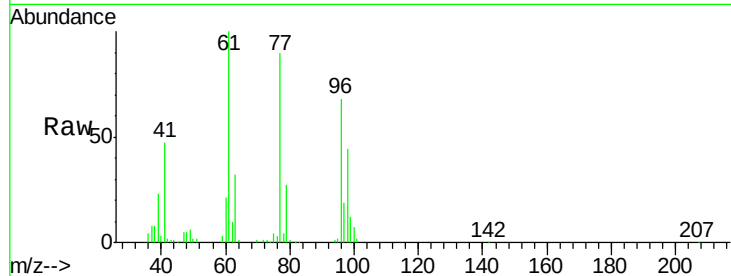




#21
 2,2-Dichloropropane
 Concen: 11.432 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

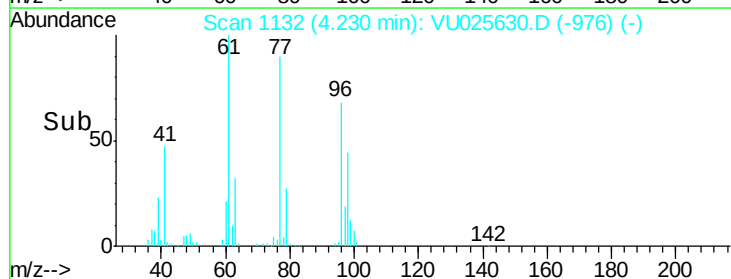
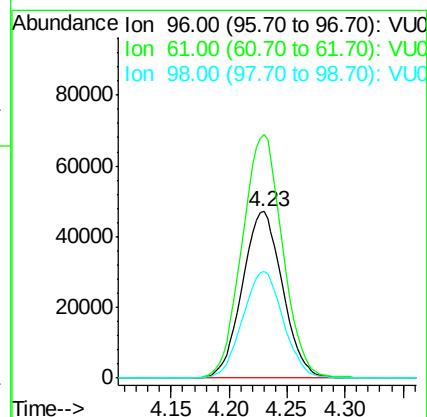
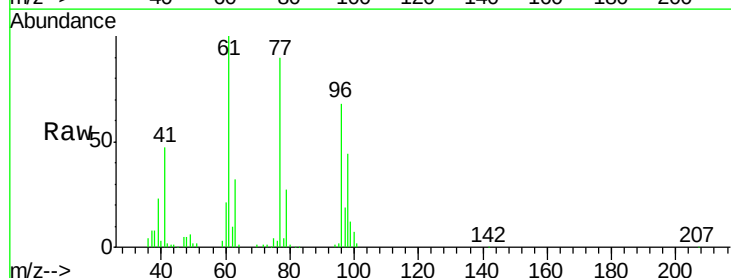
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

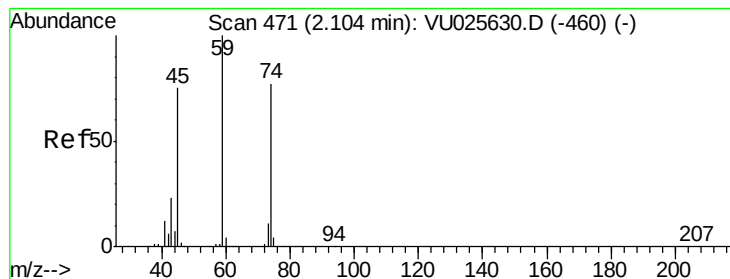
Tgt Ion: 77 Resp: 166076
 Ion Ratio Lower Upper
 77 100
 97 21.6 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 11.319 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion: 96 Resp: 113919
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 400.5
 98 64.8 32.2 96.6





#23

Diethyl Ether

Concen: 8.752 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

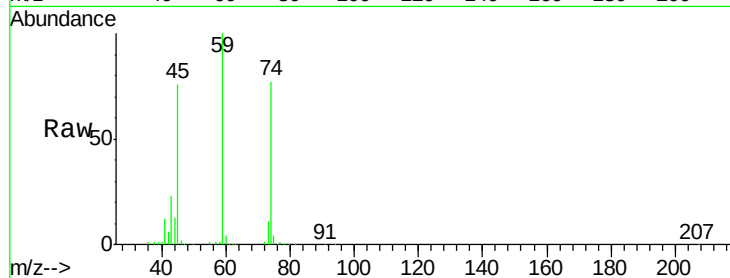
Tgt Ion: 59 Resp: 62112

Ion Ratio Lower Upper

59 100

45 74.3 60.0 90.0

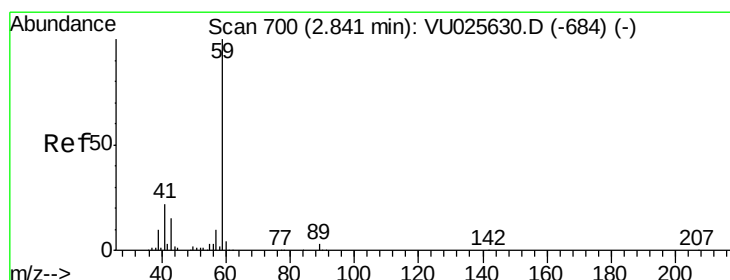
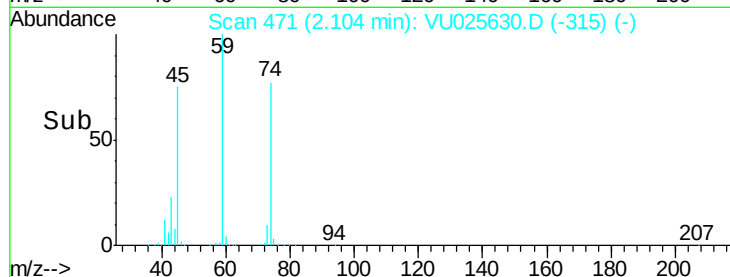
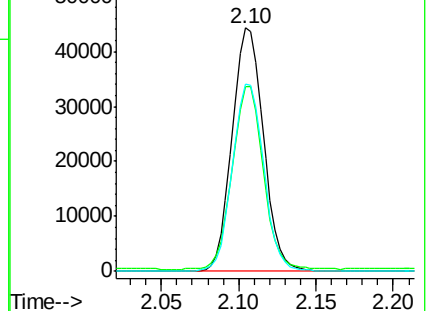
74 77.0 56.5 84.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 124.149 ug/l

RT: 2.84 min Scan# 700

Delta R.T. 0.00 min

Lab File: VU025630.D

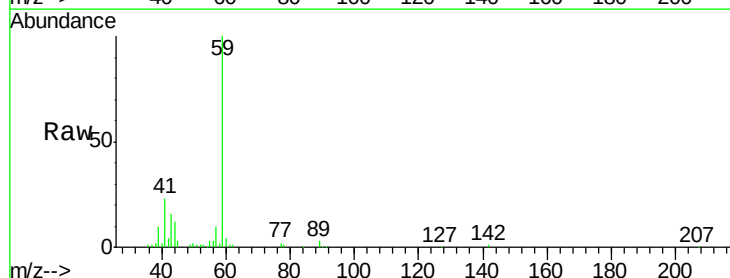
Acq: 25 Jul 2018 11:26

Tgt Ion: 59 Resp: 66439

Ion Ratio Lower Upper

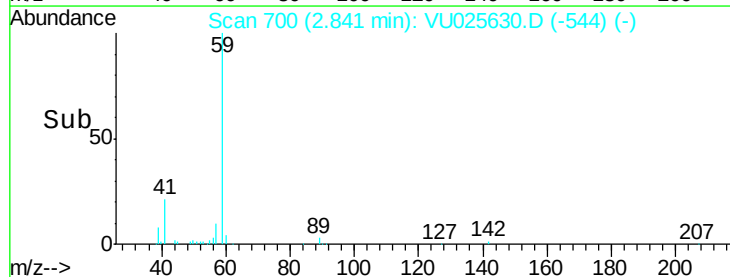
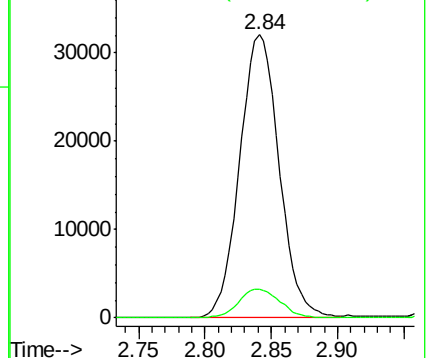
59 100

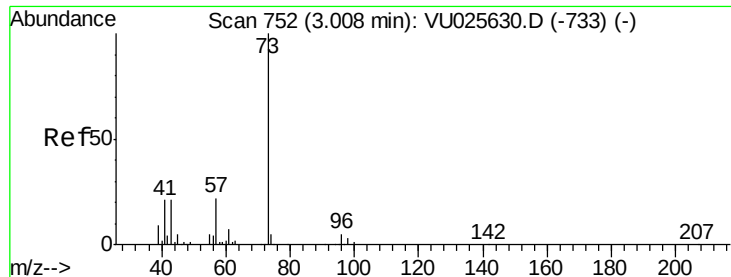
57 10.7 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



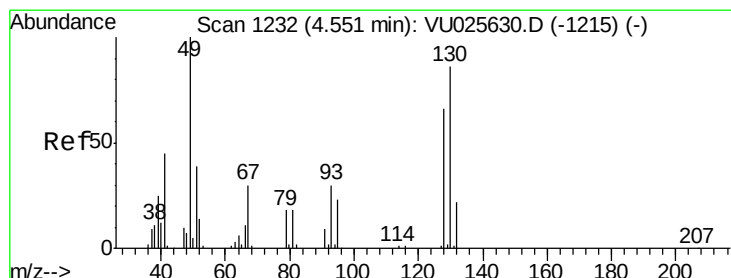
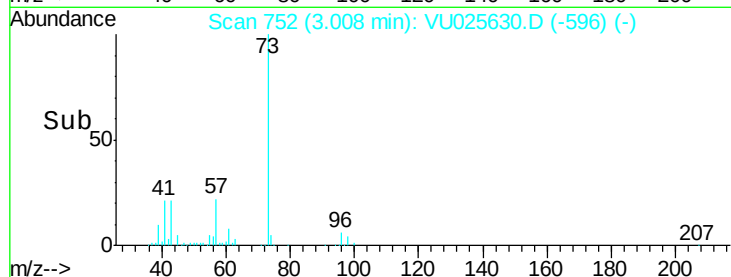
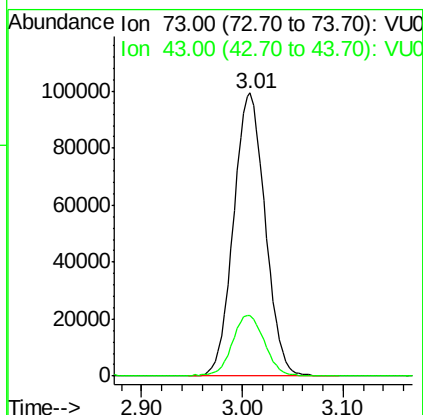
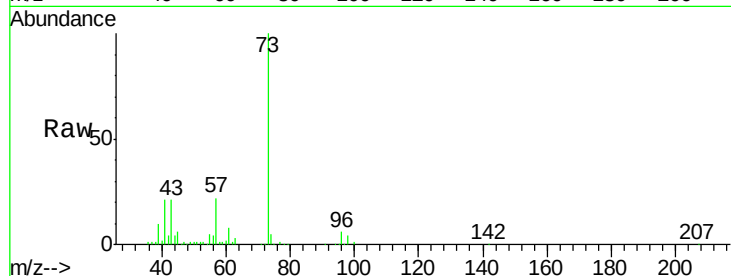


#25

Methyl tert-Butyl Ether
Concen: 9.904 ug/l
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

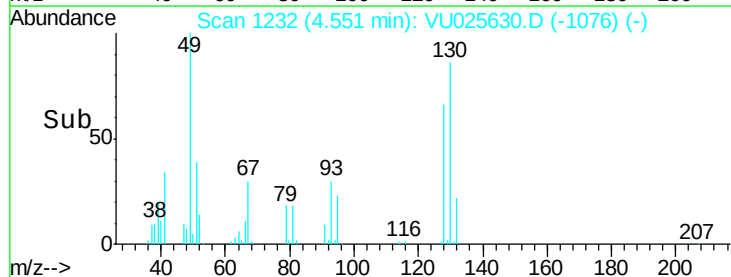
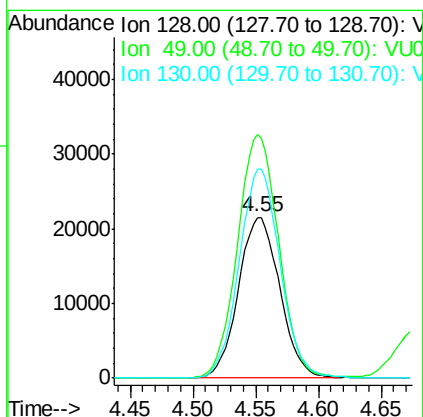
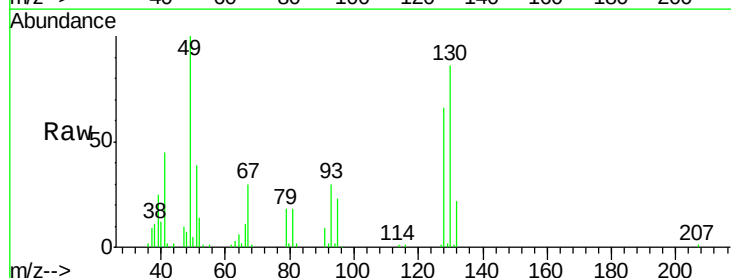
Tgt Ion: 73 Resp: 216065
Ion Ratio Lower Upper
73 100
43 21.5 16.2 24.2

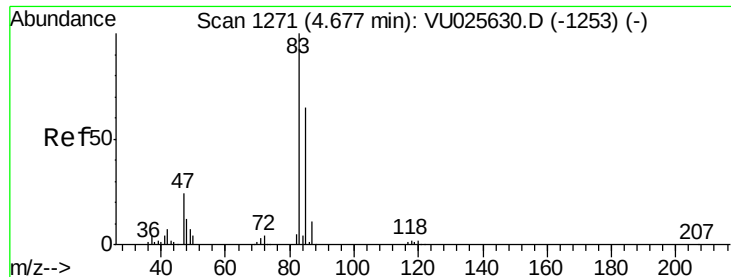


#26

Bromochloromethane
Concen: 12.447 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion: 128 Resp: 49502
Ion Ratio Lower Upper
128 100
49 151.0 0.0 375.2
130 128.9 105.8 158.6





#27

Chloroform

Concen: 11.373 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

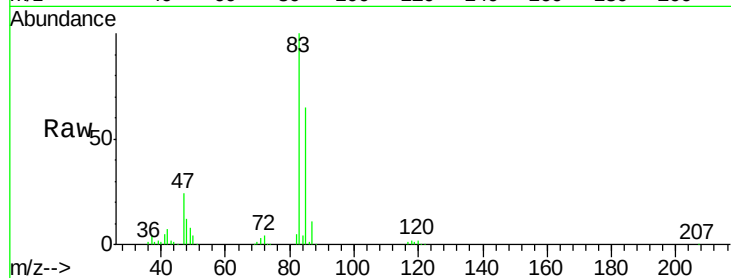
VSTDICCC010

Tgt Ion: 83 Resp: 196214

Ion Ratio Lower Upper

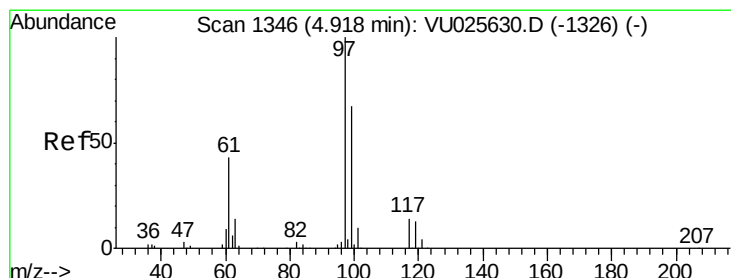
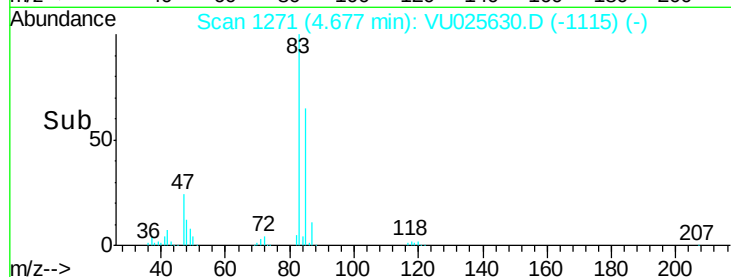
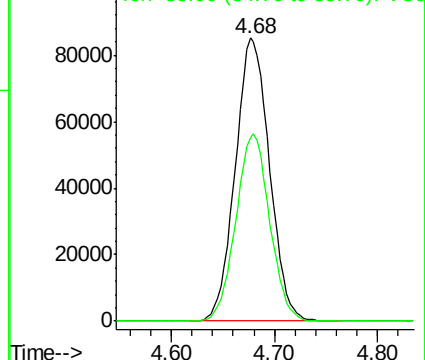
83 100

85 64.9 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: 12.641 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

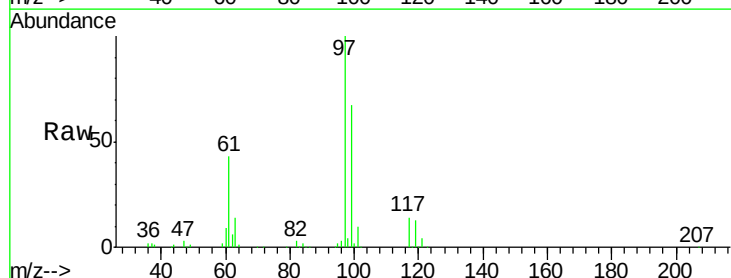
Tgt Ion: 97 Resp: 178902

Ion Ratio Lower Upper

97 100

99 64.8 32.3 96.9

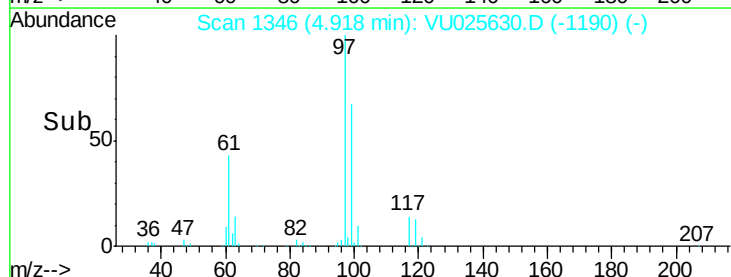
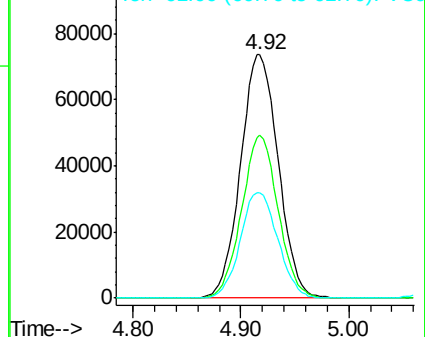
61 43.5 23.2 69.5

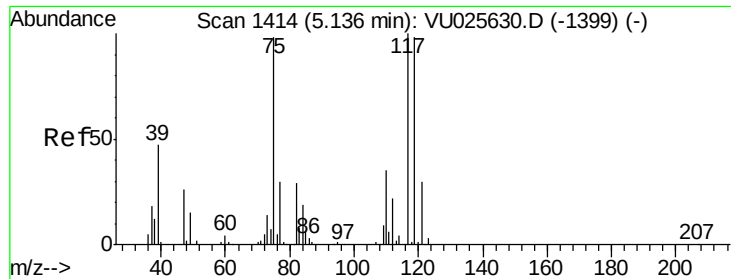


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 10.938 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

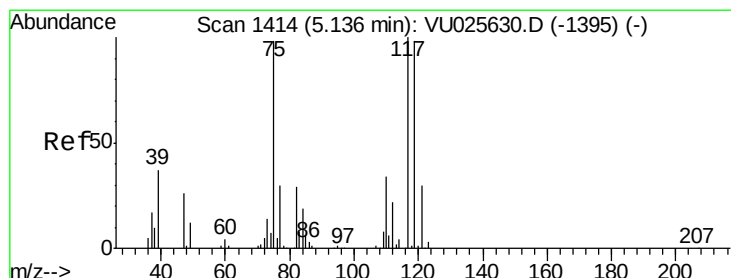
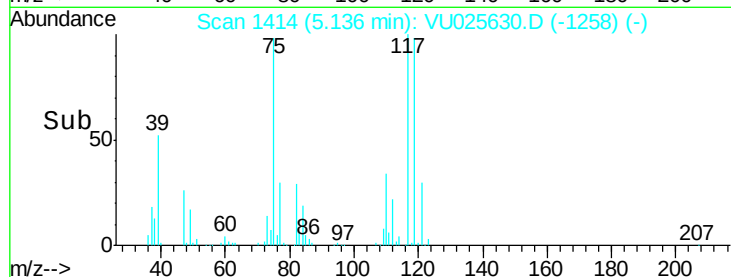
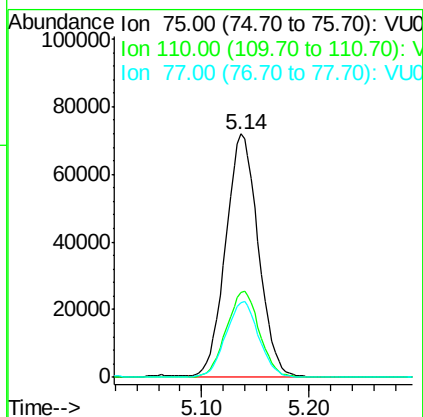
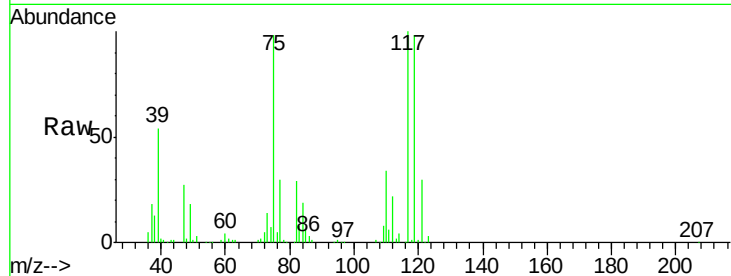
Tgt Ion: 75 Resp: 151888

Ion Ratio Lower Upper

75 100

110 35.8 16.9 50.7

77 31.5 24.8 37.2



#30

Carbon Tetrachloride

Concen: 14.038 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

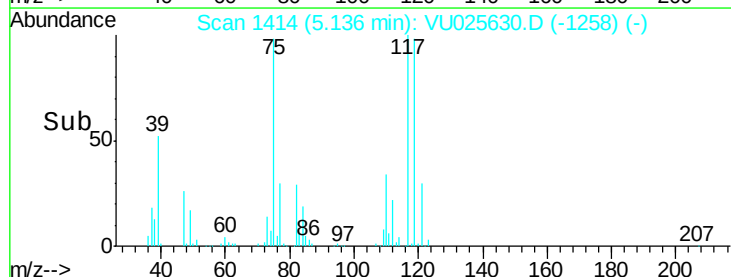
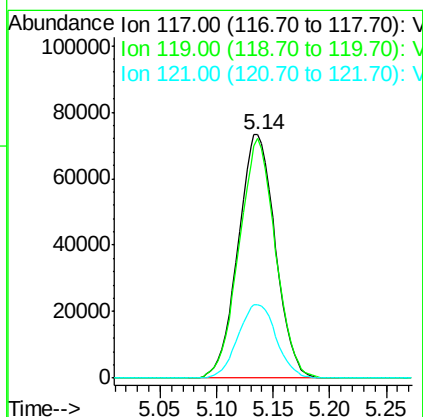
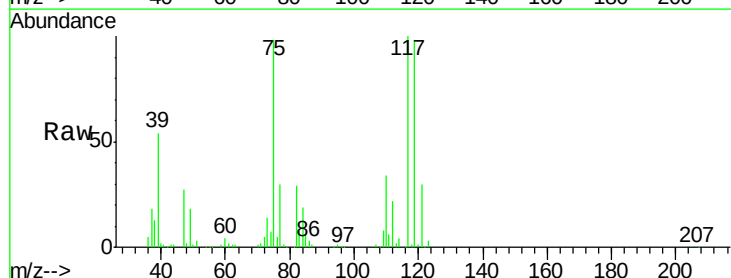
Tgt Ion: 117 Resp: 167151

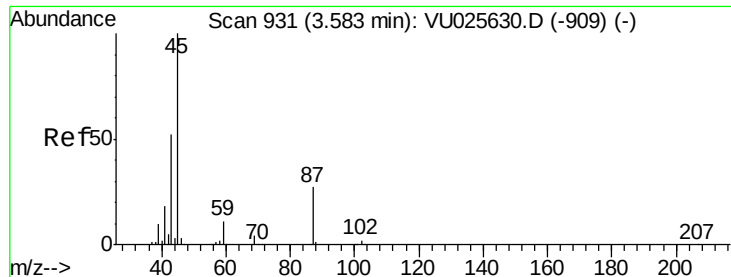
Ion Ratio Lower Upper

117 100

119 98.2 77.3 115.9

121 30.1 24.5 36.7





#31

Isopropyl Ether

Concen: 9.410 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

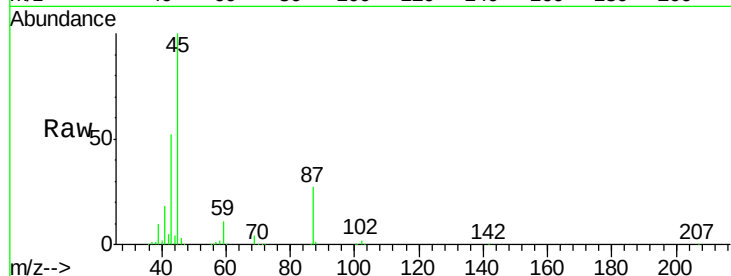
VSTDICCC010

Tgt Ion: 45 Resp: 290982

Ion Ratio Lower Upper

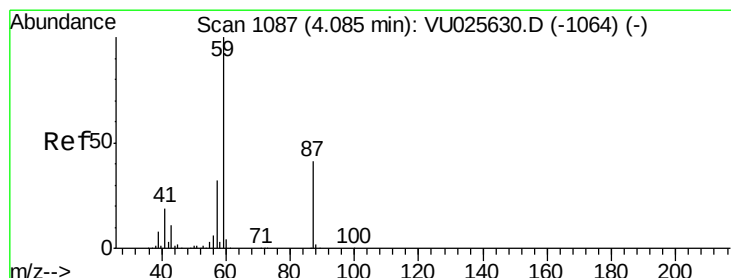
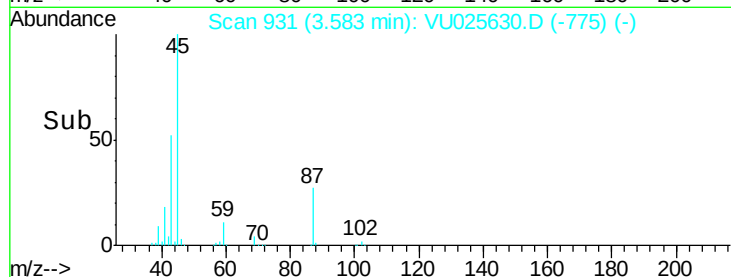
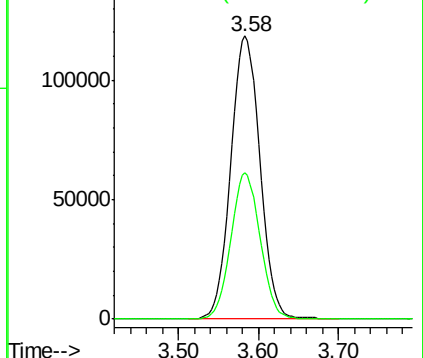
45 100

43 52.1 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 10.468 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU025630.D

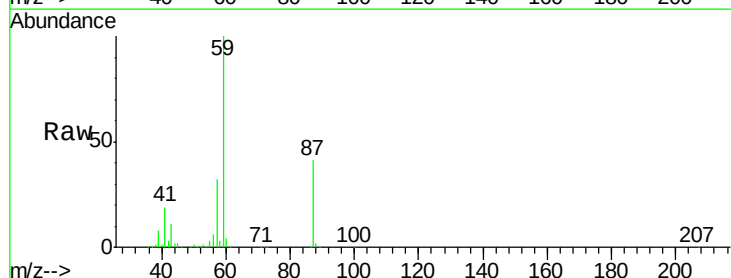
Acq: 25 Jul 2018 11:26

Tgt Ion: 59 Resp: 276616

Ion Ratio Lower Upper

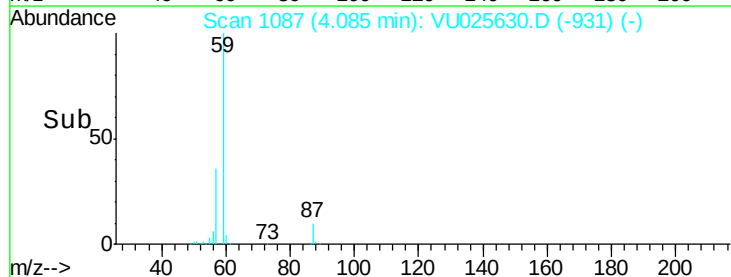
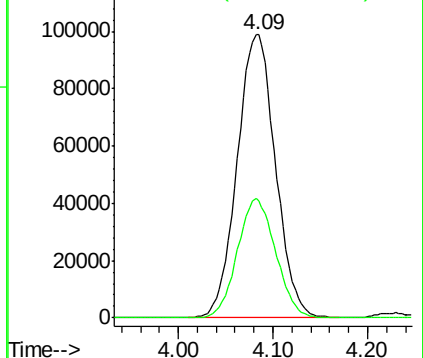
59 100

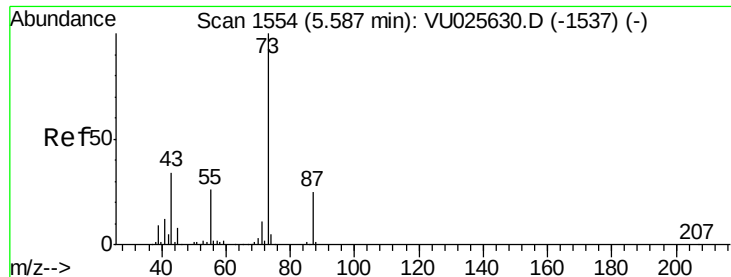
87 42.2 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#33

Tert-Amyl methyl ether

Concen: 11.047 ug/l

RT: 5.59 min Scan# 1554

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

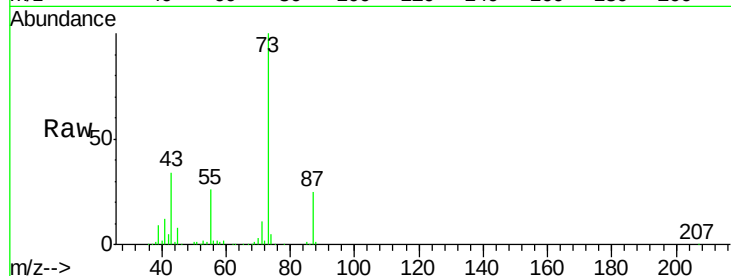
Tgt Ion: 73 Resp: 247071

Ion Ratio Lower Upper

73 100

87 24.9 18.6 28.0

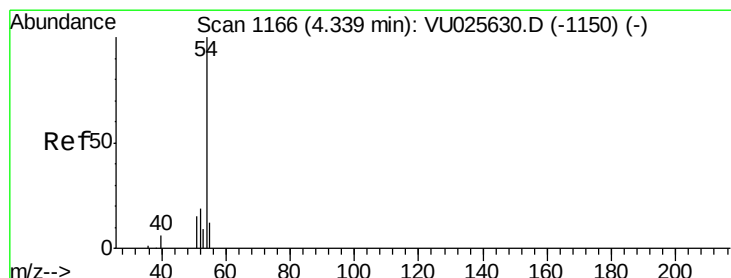
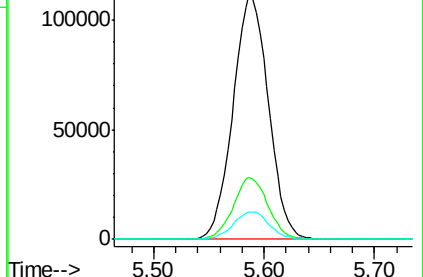
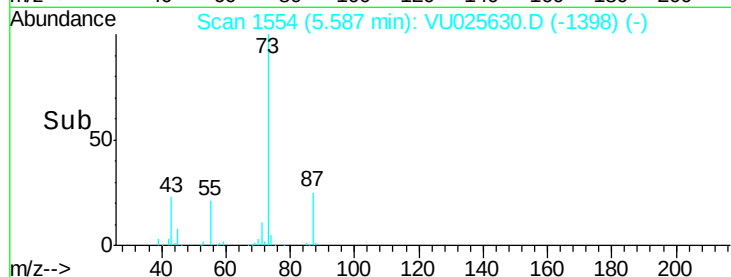
71 11.5 9.3 13.9



Abundance Ion 73.00 (72.70 to 73.70): VU025630.D (-1537) (-)

Ion 87.00 (86.70 to 87.70): VU025630.D (-1537) (-)

Ion 71.00 (70.70 to 71.70): VU025630.D (-1537) (-)



#34

Propionitrile

Concen: 53.366 ug/l

RT: 4.34 min Scan# 1166

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Tgt Ion: 54 Resp: 37332

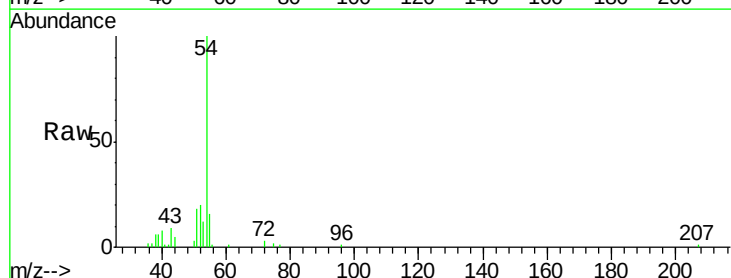
Ion Ratio Lower Upper

54 100

52 19.8 13.7 20.5

55 15.8 10.2 15.2#

40 7.1 3.5 5.3#

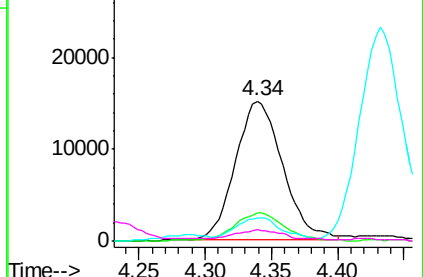
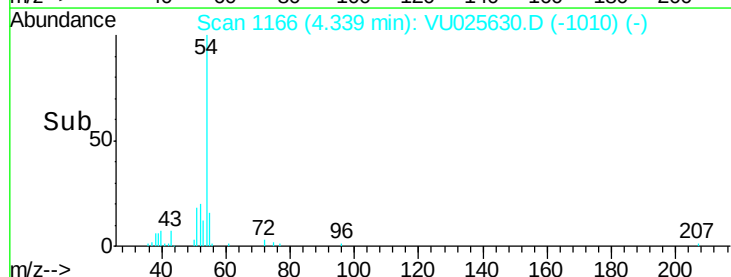


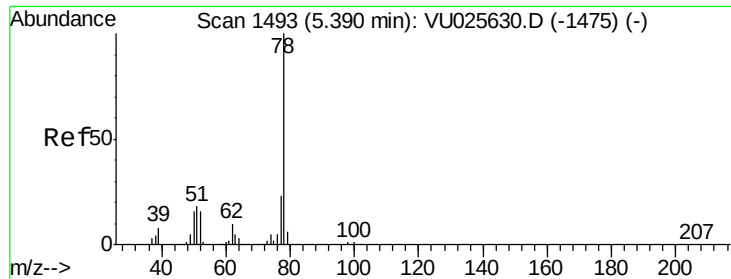
Abundance Ion 54.00 (53.70 to 54.70): VU025630.D (-1150) (-)

Ion 52.00 (51.70 to 52.70): VU025630.D (-1150) (-)

Ion 55.00 (54.70 to 55.70): VU025630.D (-1150) (-)

Ion 40.00 (39.70 to 40.70): VU025630.D (-1150) (-)





#35

Benzene

Concen: 10.121 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

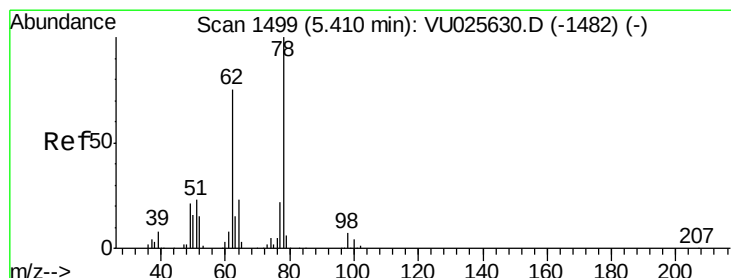
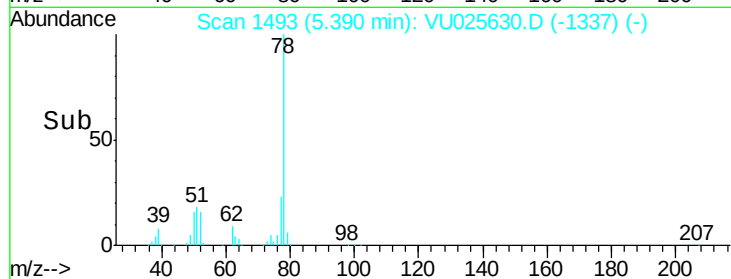
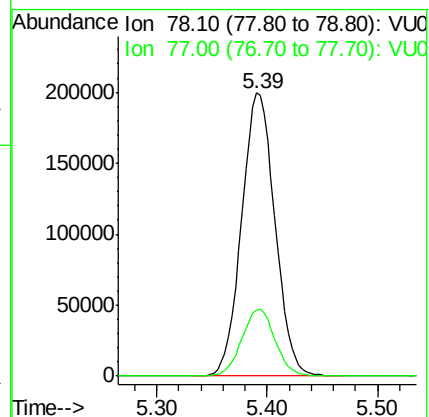
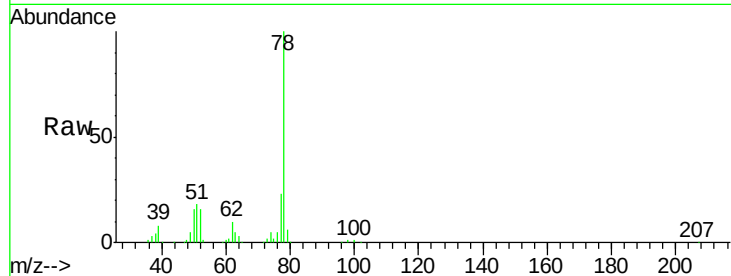
VSTDICCC010

Tgt Ion: 78 Resp: 417739

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



#36

1,2-Dichloroethane

Concen: 11.003 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025630.D

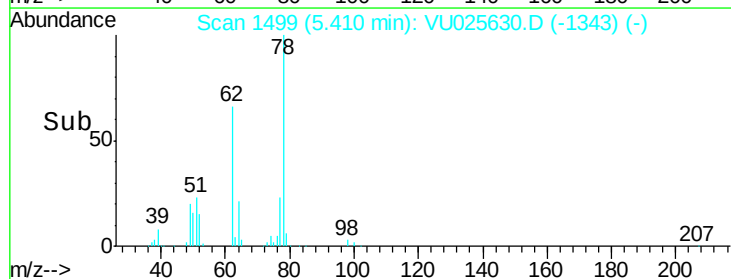
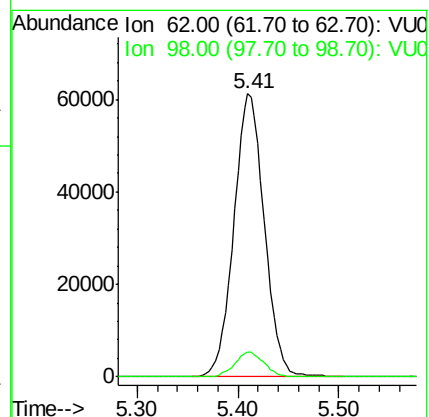
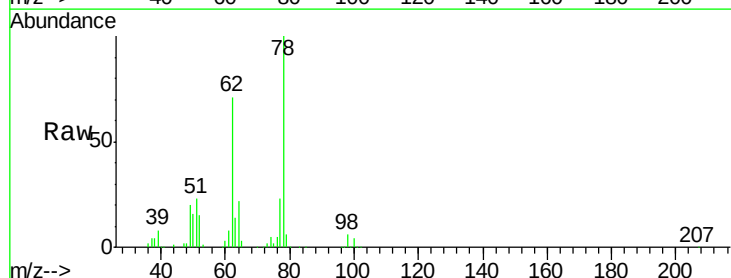
Acq: 25 Jul 2018 11:26

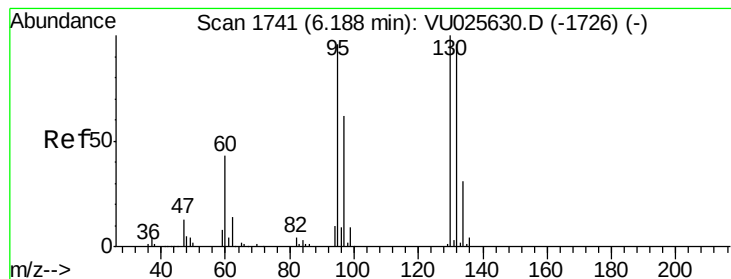
Tgt Ion: 62 Resp: 128445

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8





#37

Trichloroethene

Concen: 10.770 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

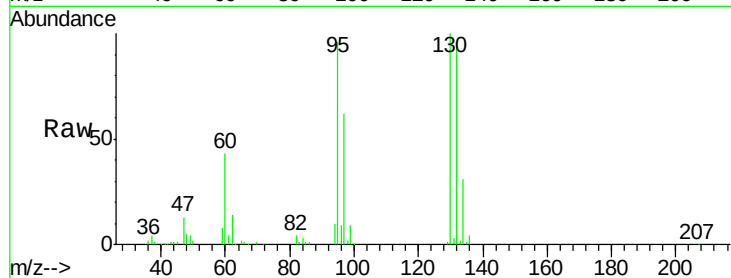
VSTDICCC010

Tgt Ion:130 Resp: 119330

Ion Ratio Lower Upper

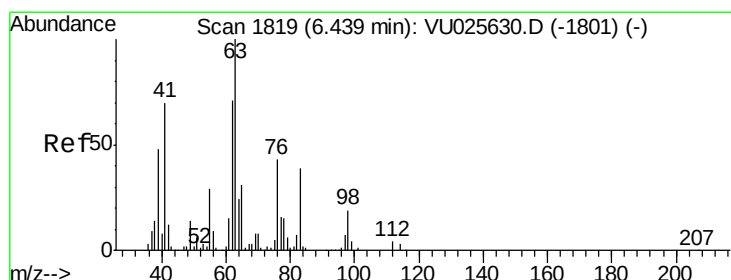
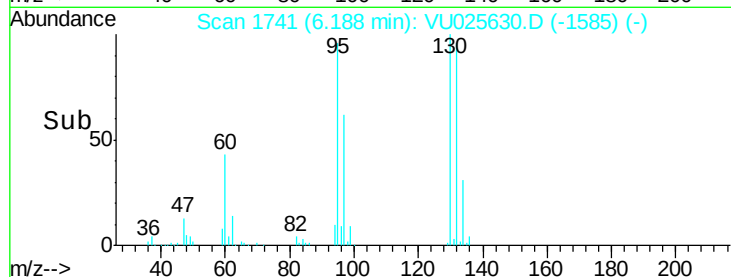
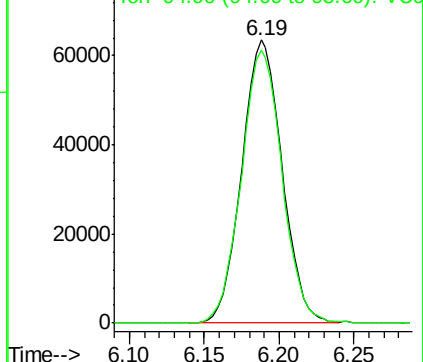
130 100

95 96.4 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 9.597 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025630.D

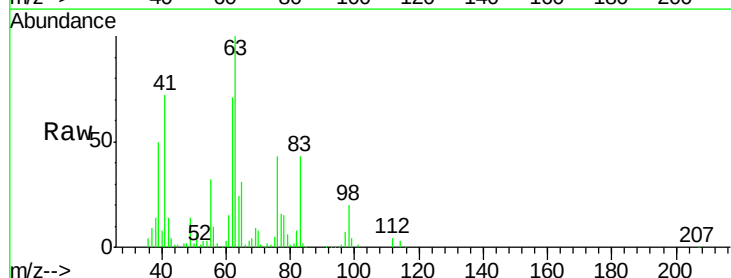
Acq: 25 Jul 2018 11:26

Tgt Ion: 63 Resp: 108637

Ion Ratio Lower Upper

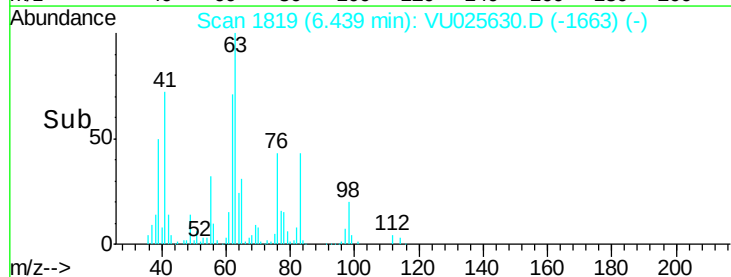
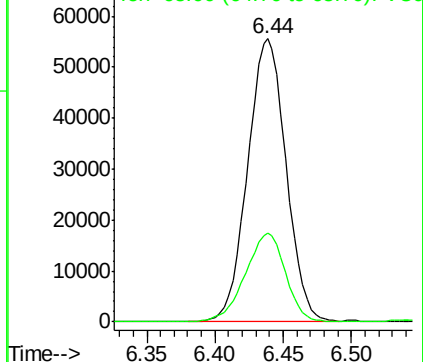
63 100

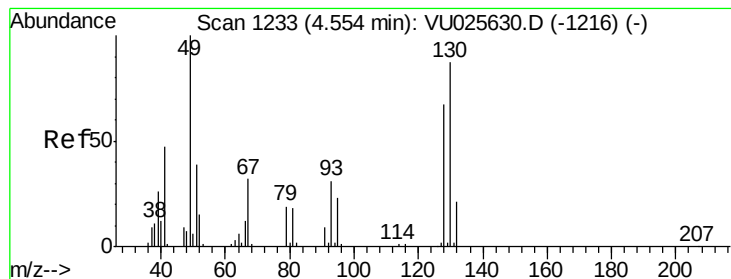
65 31.4 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0





#39

Methacrylonitrile

Concen: 9.890 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 35376

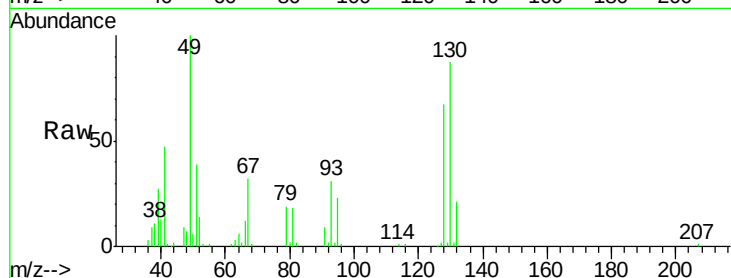
Ion Ratio Lower Upper

41 100

67 68.8 51.3 76.9

39 55.3 40.6 60.8

52 31.3 21.5 32.3

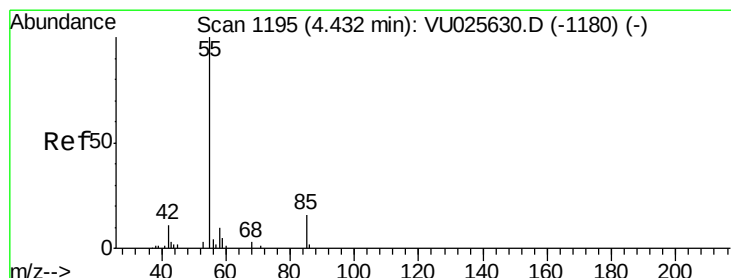
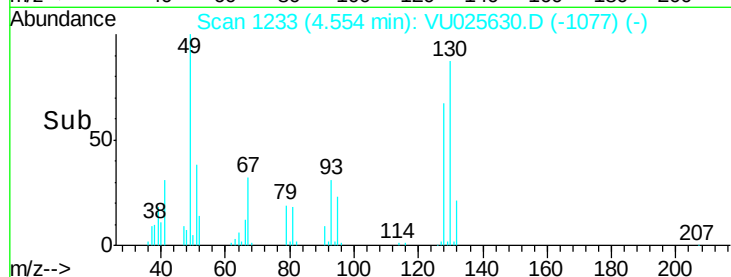
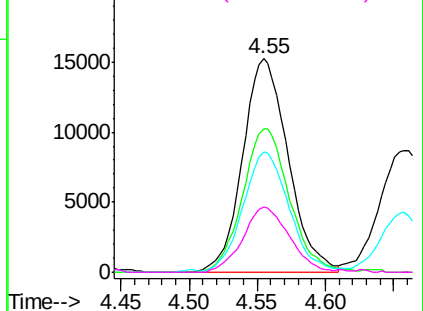


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 10.678 ug/l

RT: 4.43 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Tgt Ion: 55 Resp: 52976

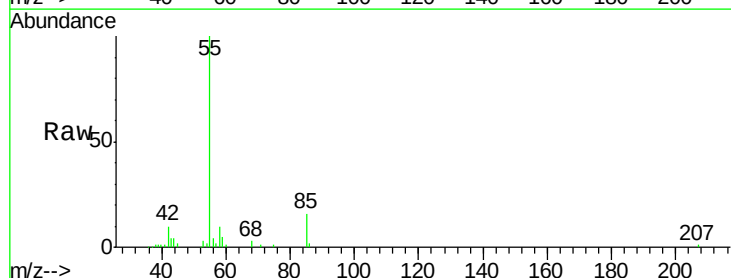
Ion Ratio Lower Upper

55 100

85 16.6 12.3 18.5

58 9.0 7.0 10.6

42 11.2 7.0 10.4#

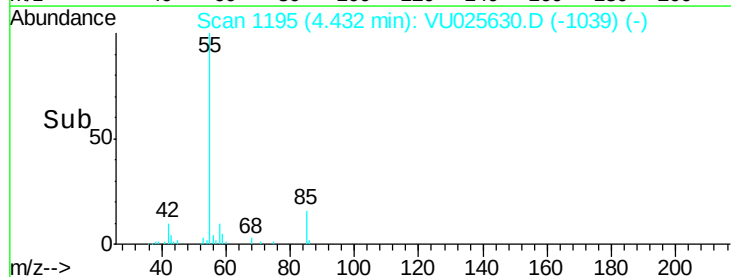
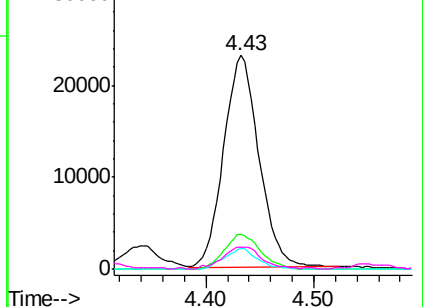


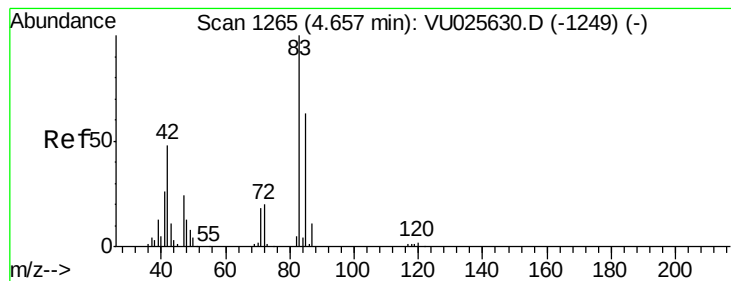
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 19.747 ug/l

RT: 4.66 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

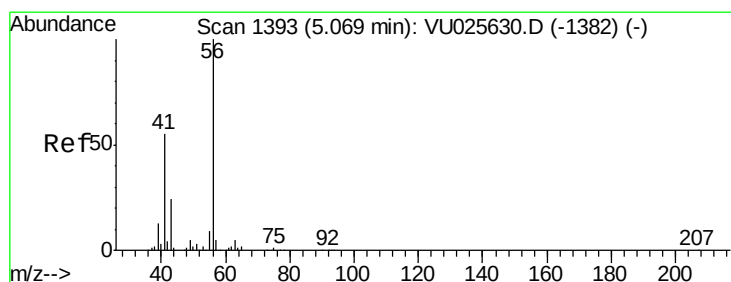
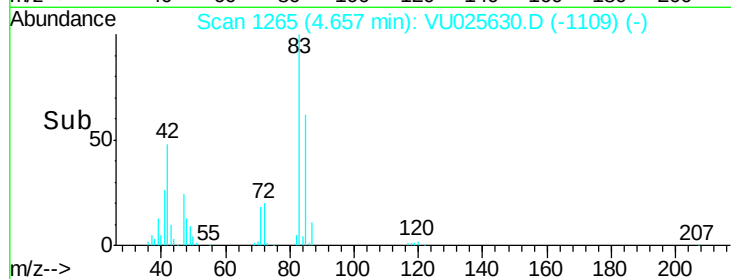
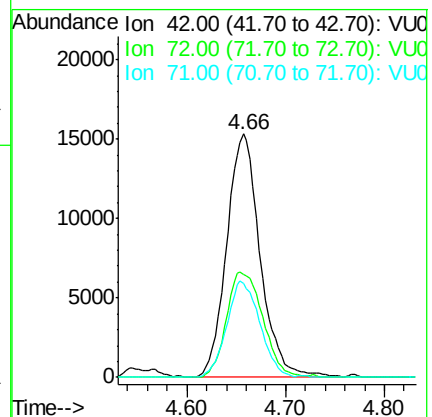
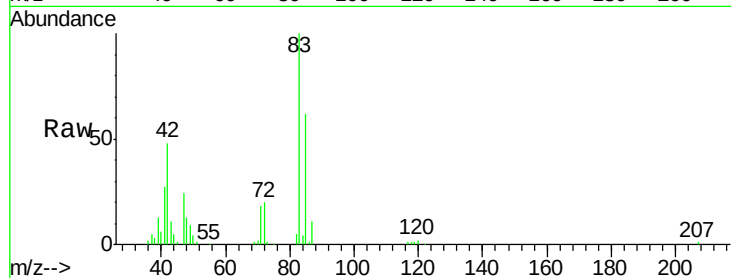
Tgt Ion: 42 Resp: 36395

Ion Ratio Lower Upper

42 100

72 46.9 33.2 49.8

71 39.0 29.8 44.8



#42

1-Chlorobutane

Concen: 10.219 ug/l

RT: 5.07 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU025630.D

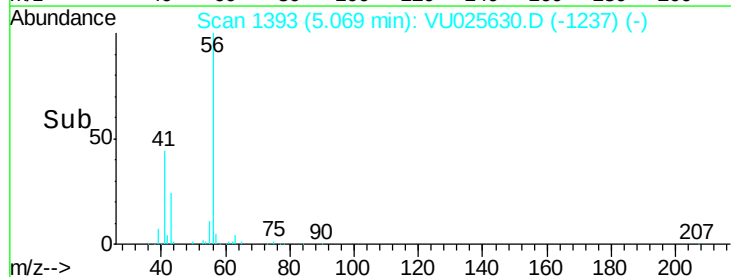
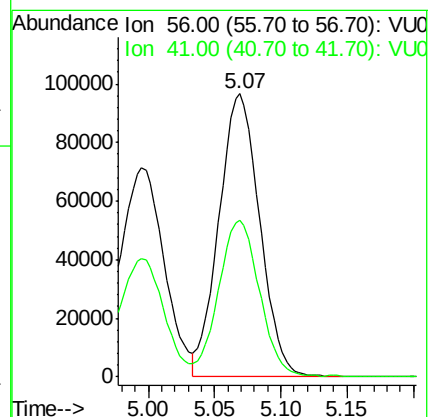
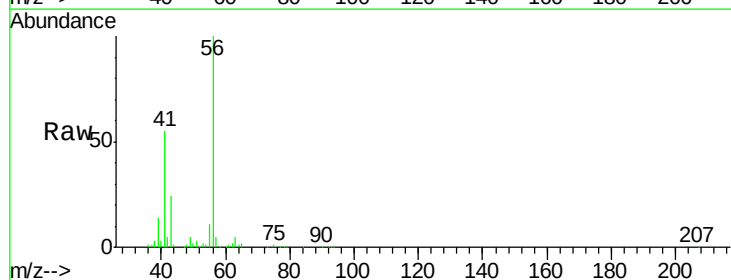
Acq: 25 Jul 2018 11:26

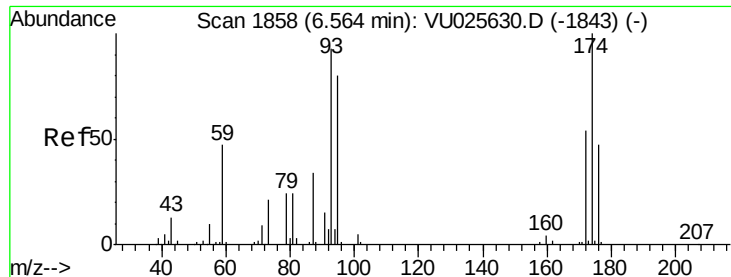
Tgt Ion: 56 Resp: 205679

Ion Ratio Lower Upper

56 100

41 55.0 27.5 82.5





#43

Dibromomethane

Concen: 11.789 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

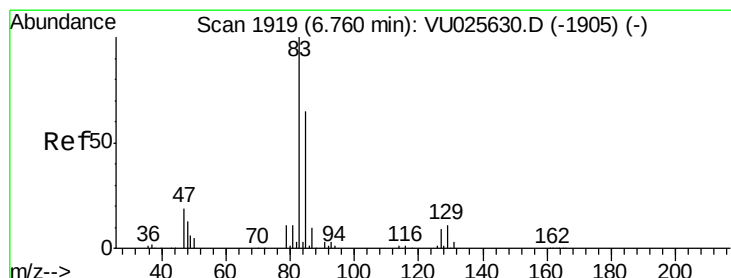
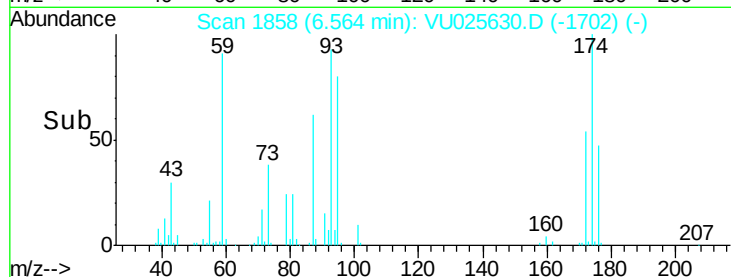
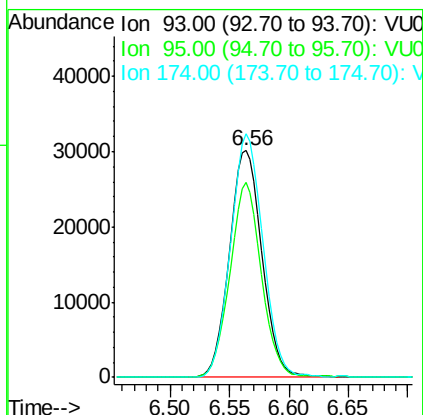
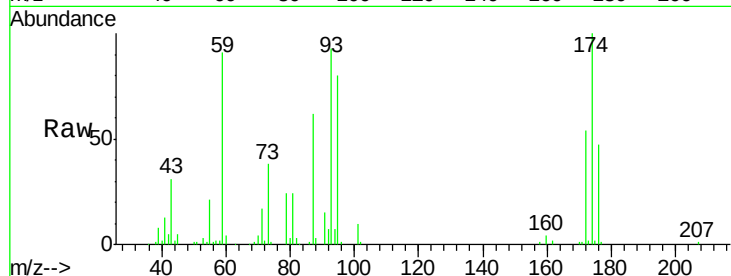
Tgt Ion: 93 Resp: 57397

Ion Ratio Lower Upper

93 100

95 82.3 67.2 100.8

174 106.2 82.8 124.2



#44

Bromodichloromethane

Concen: 11.814 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

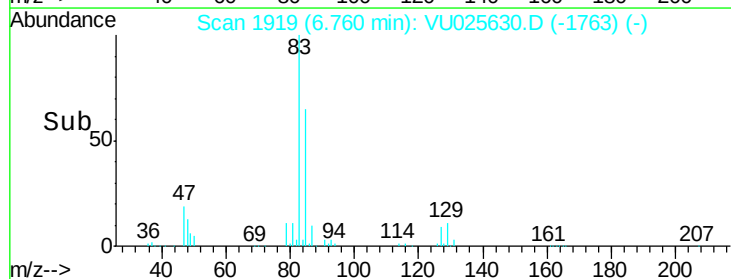
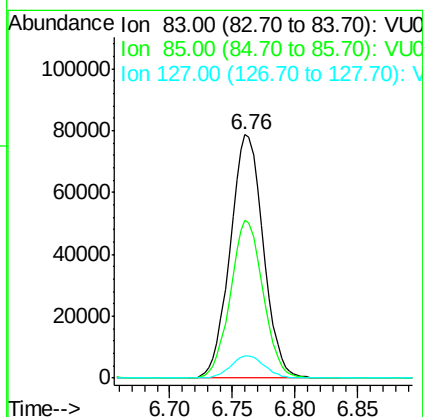
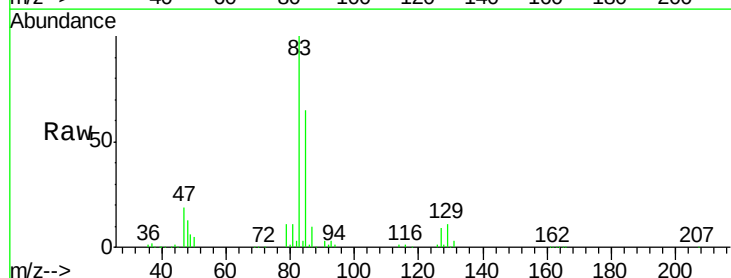
Tgt Ion: 83 Resp: 144538

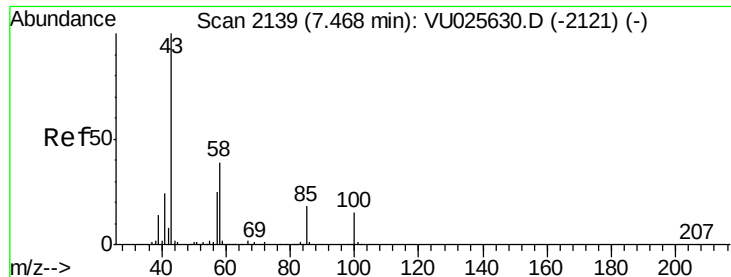
Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.4

127 9.0 7.0 10.4

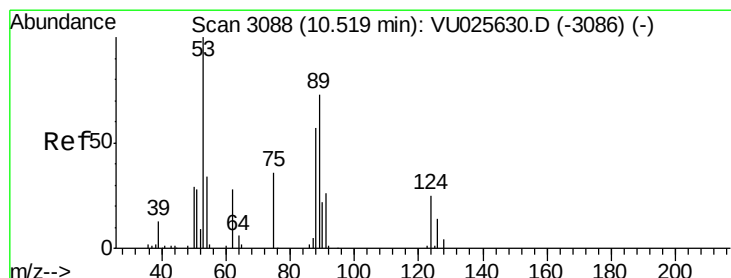
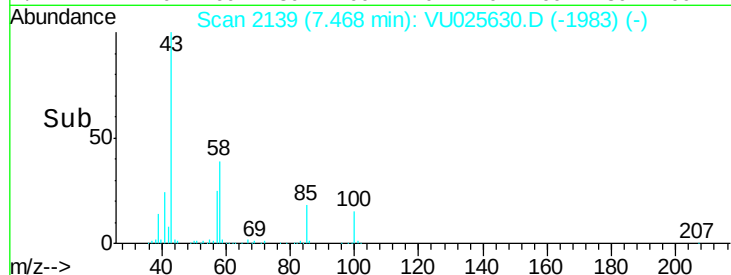
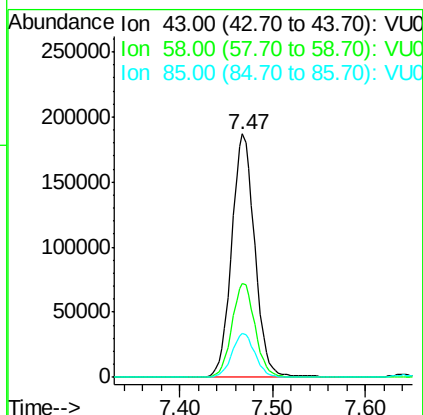
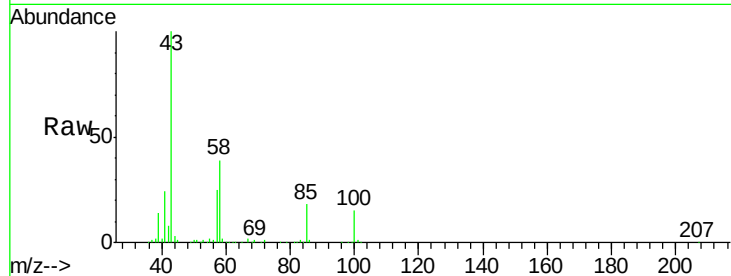




#45
 4-Methyl-2-Pentanone
 Concen: 56.161 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

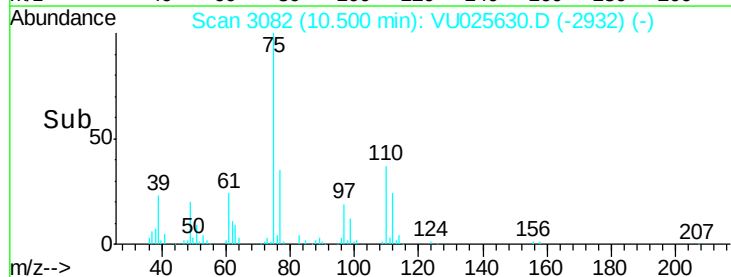
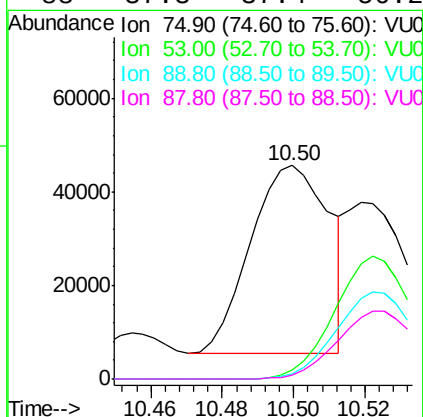
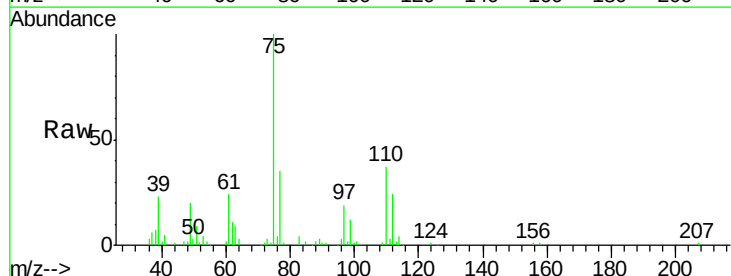
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

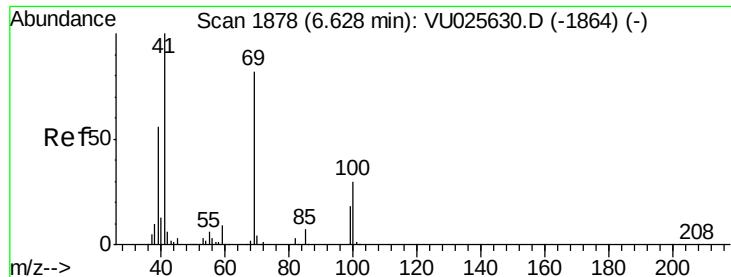
Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.8	18.8	56.4
85	18.1	12.6	19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 36.202 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
53	65.7	82.2	123.4#
89	46.8	51.3	76.9#
88	37.3	37.4	56.2#





#47

Methyl methacrylate

Concen: 22.340 ug/l

RT: 6.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 98551

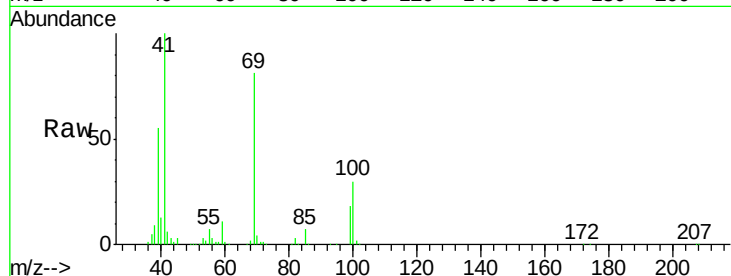
Ion Ratio Lower Upper

69 100

41 118.9 0.0 245.4

39 68.0 49.0 73.4

100 36.6 27.8 41.8

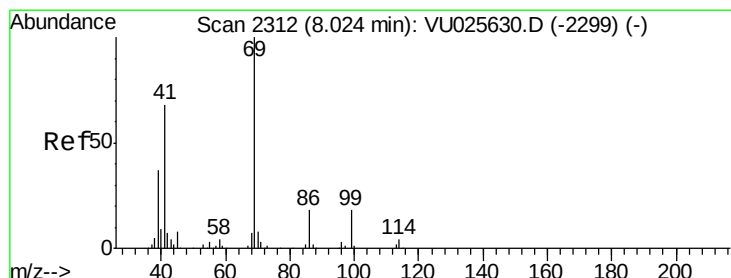
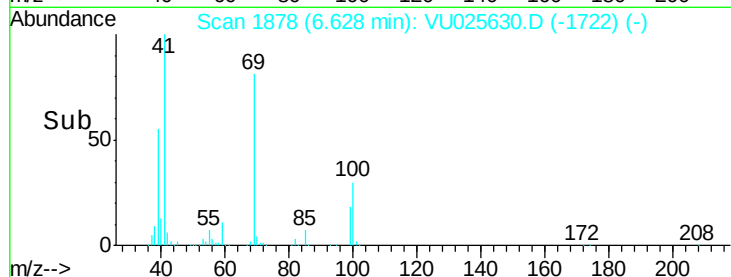
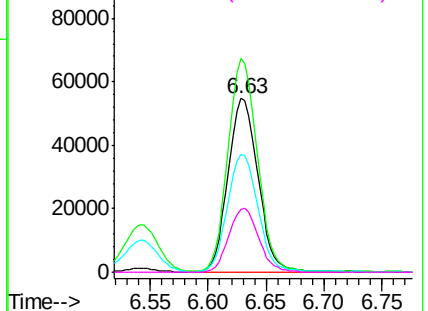


Abundance Ion 69.00 (68.70 to 69.70): VU0

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: 12.964 ug/l

RT: 8.02 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VU025630.D

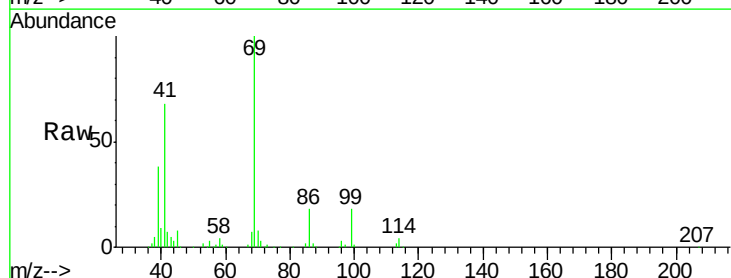
Acq: 25 Jul 2018 11:26

Tgt Ion: 69 Resp: 99989

Ion Ratio Lower Upper

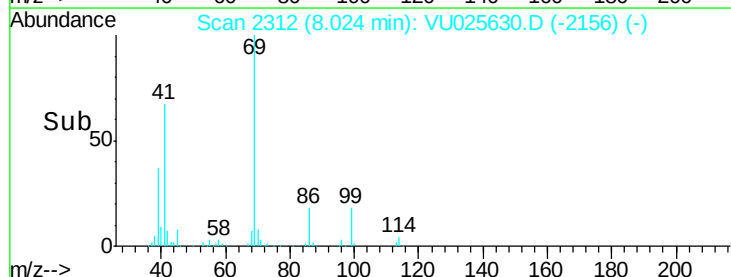
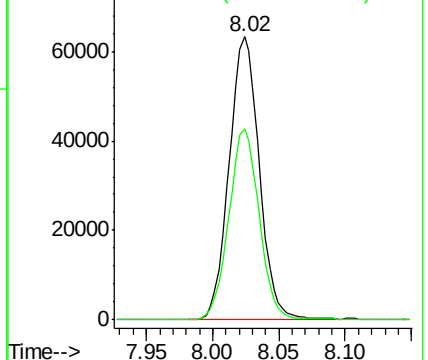
69 100

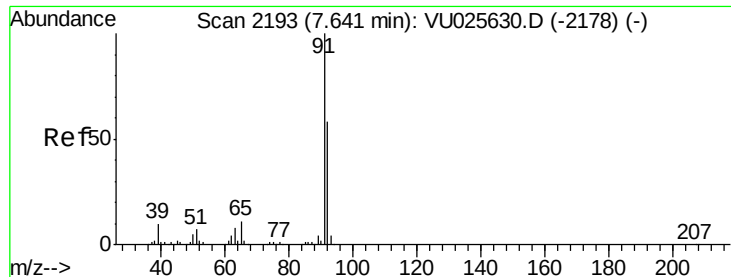
41 67.7 34.2 102.5



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 11.011 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

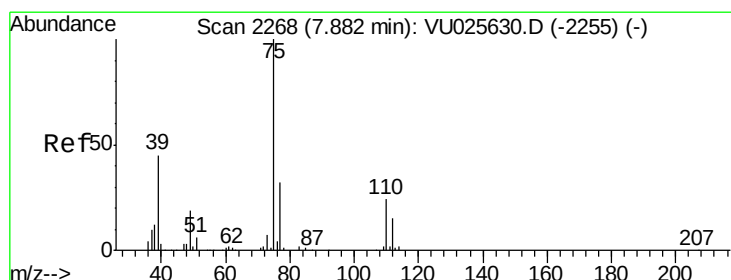
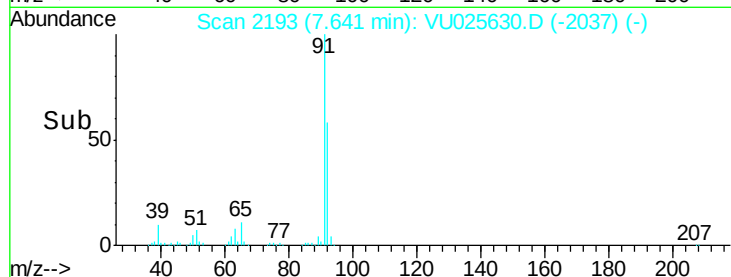
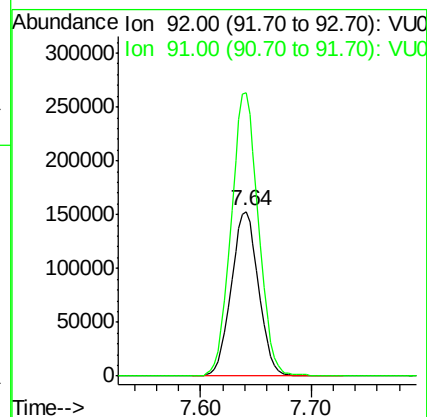
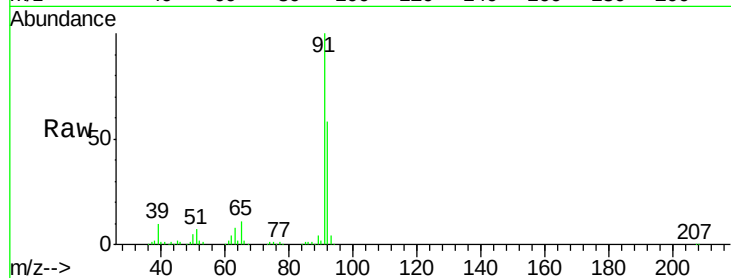
VSTDICCC010

Tgt Ion: 92 Resp: 262522

Ion Ratio Lower Upper

92 100

91 172.2 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 12.608 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025630.D

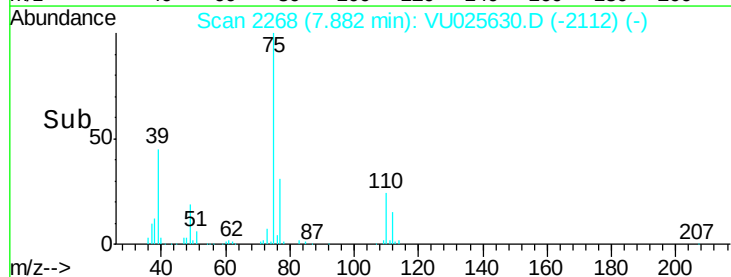
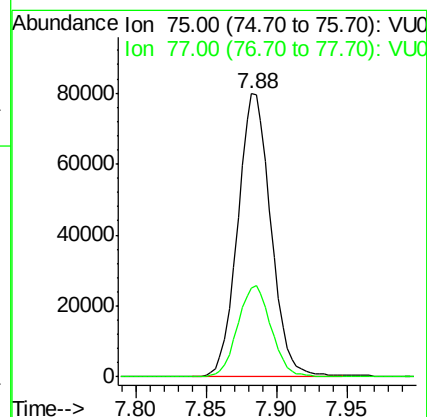
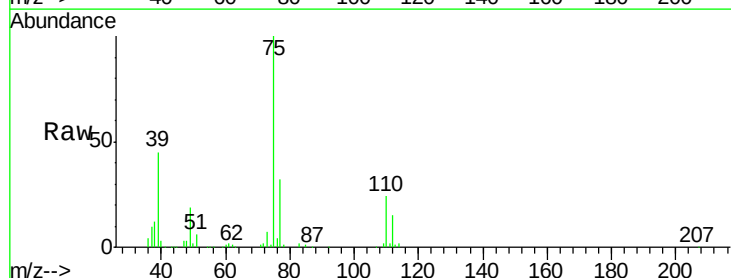
Acq: 25 Jul 2018 11:26

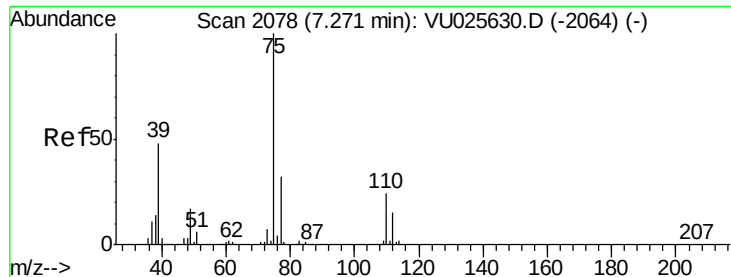
Tgt Ion: 75 Resp: 131663

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 11.701 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

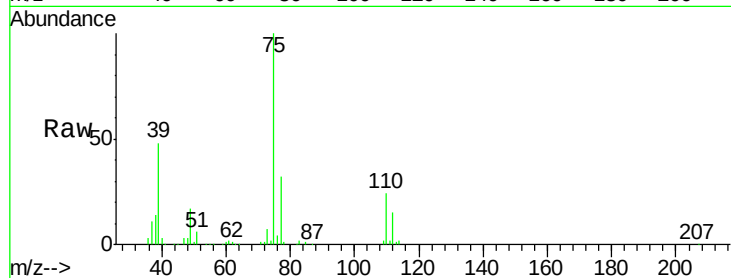
Tgt Ion: 75 Resp: 159050

Ion Ratio Lower Upper

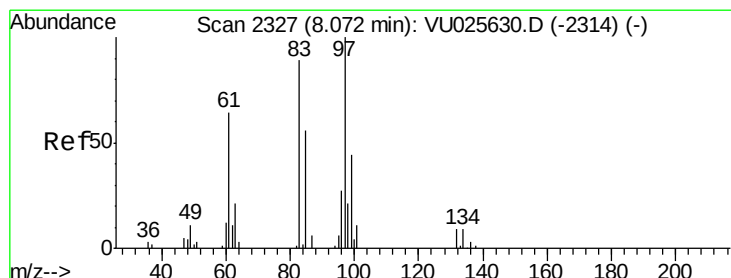
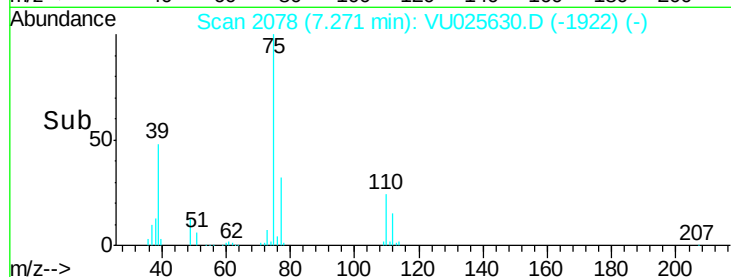
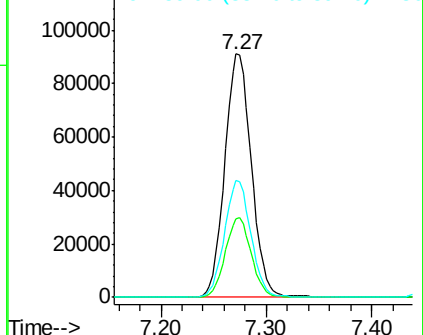
75 100

77 32.4 25.2 37.8

39 48.1 36.4 54.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane

Concen: 11.013 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Tgt Ion: 97 Resp: 76297

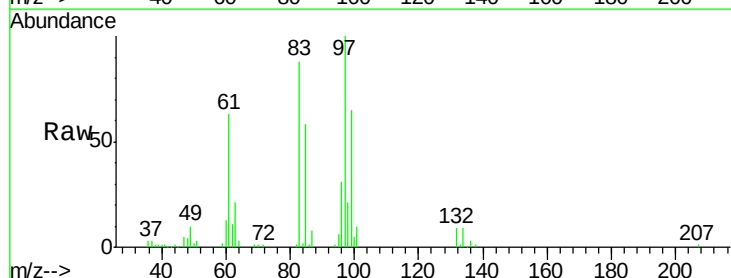
Ion Ratio Lower Upper

97 100

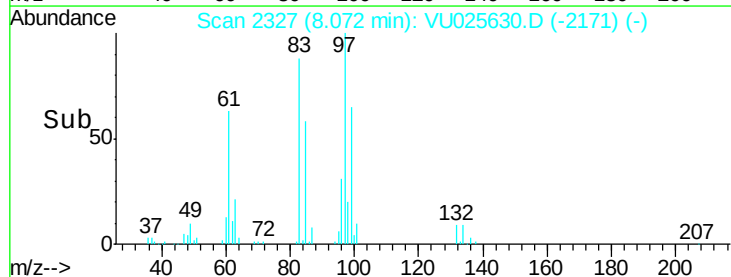
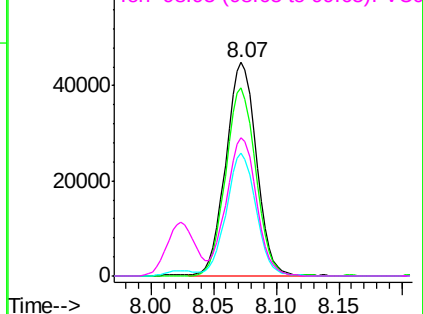
83 88.0 72.6 109.0

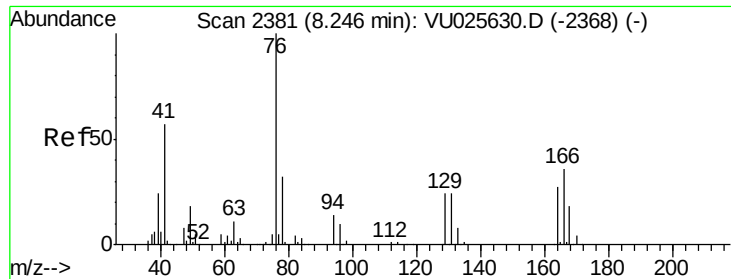
85 57.5 47.2 70.8

99 64.8 50.8 76.2



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

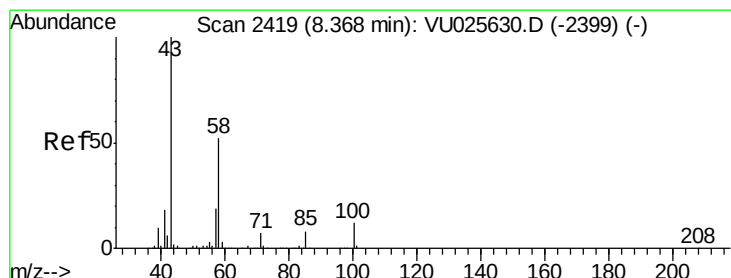
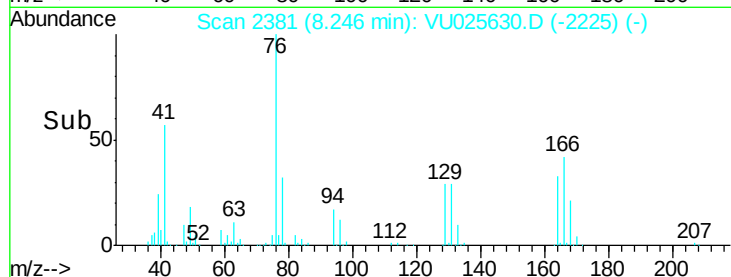
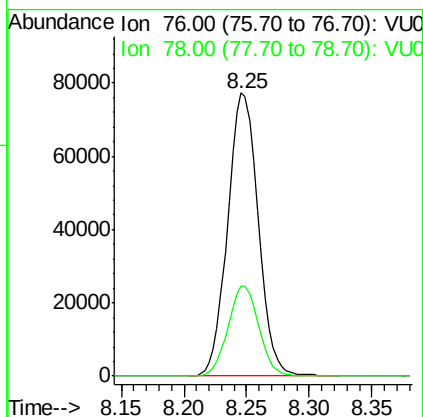
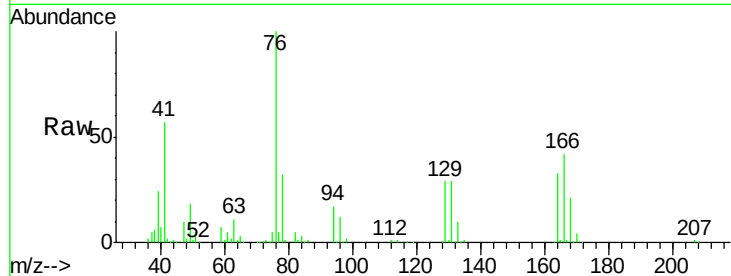




#53
 1,3-Dichloropropane
 Concen: 10.640 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

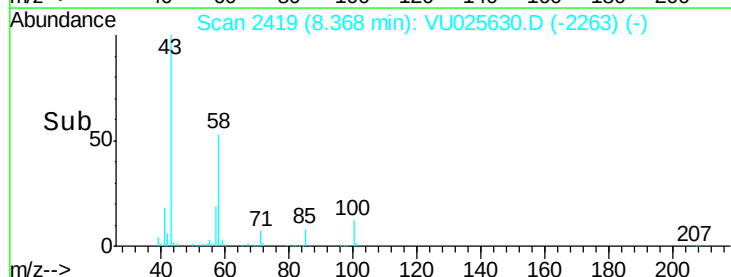
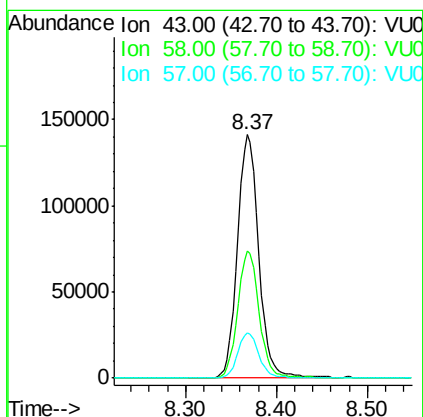
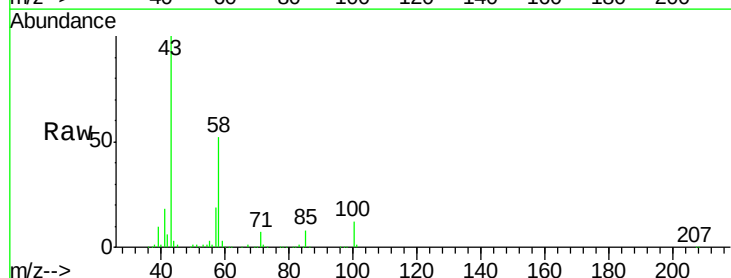
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

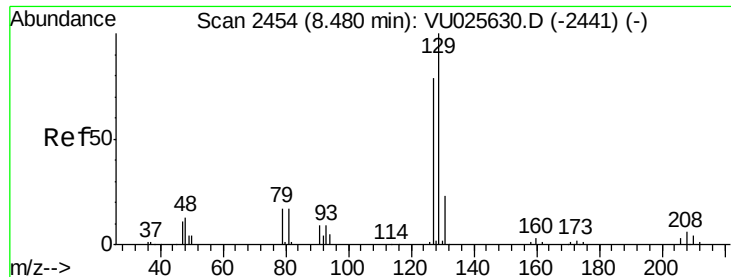
Tgt Ion: 76 Resp: 131029
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#54
 2-Hexanone
 Concen: 58.769 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion: 43 Resp: 230360
 Ion Ratio Lower Upper
 43 100
 58 52.2 32.5 72.5
 57 18.5 0.0 37.9

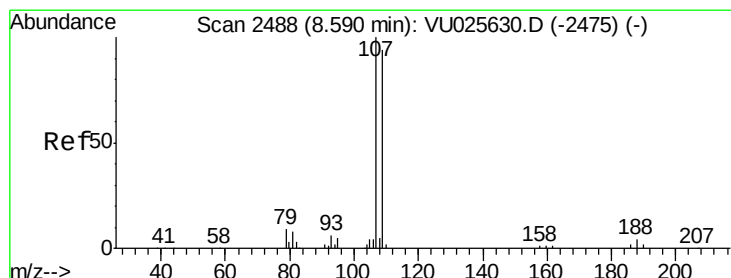
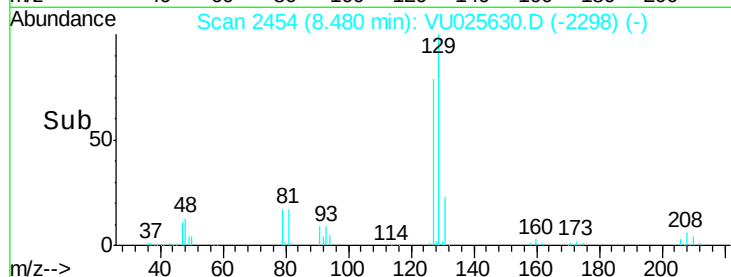
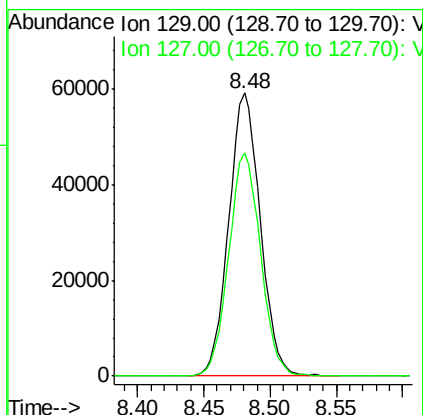
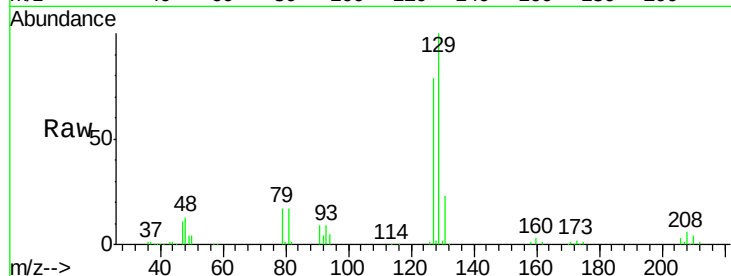




#55
 Dibromochloromethane
 Concen: 12.914 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

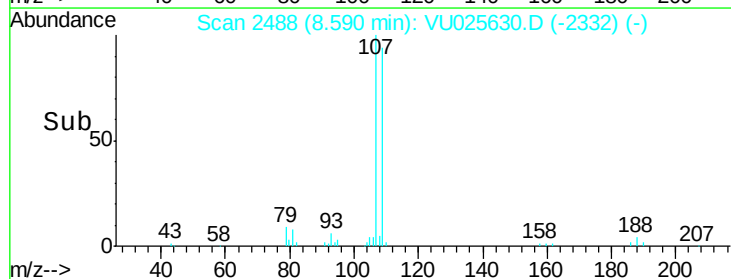
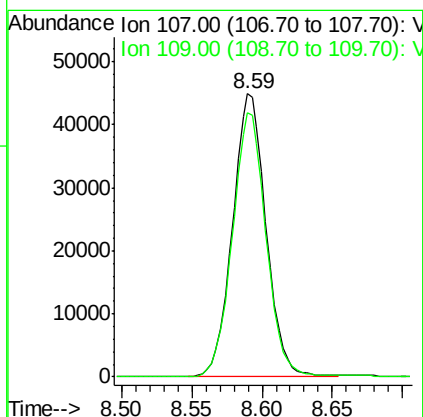
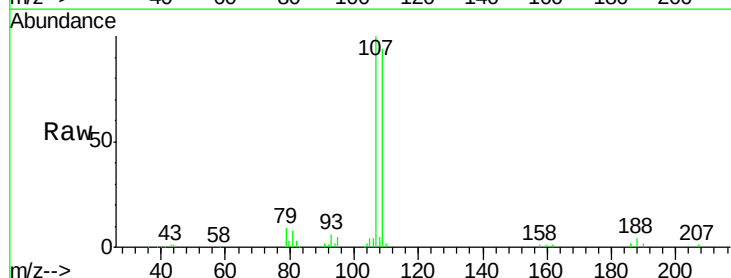
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

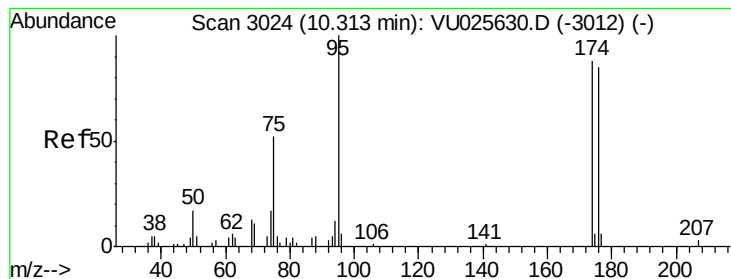
Tgt Ion:129 Resp: 98029
 Ion Ratio Lower Upper
 129 100
 127 79.7 61.1 91.7



#56
 1,2-Dibromoethane
 Concen: 12.478 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion:107 Resp: 74480
 Ion Ratio Lower Upper
 107 100
 109 94.0 0.0 189.0





#57

4-Bromofluorobenzene

Concen: 12.478 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

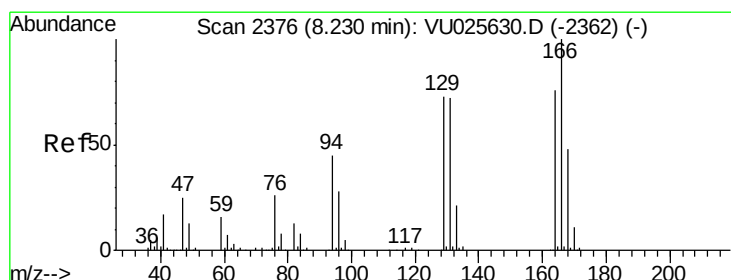
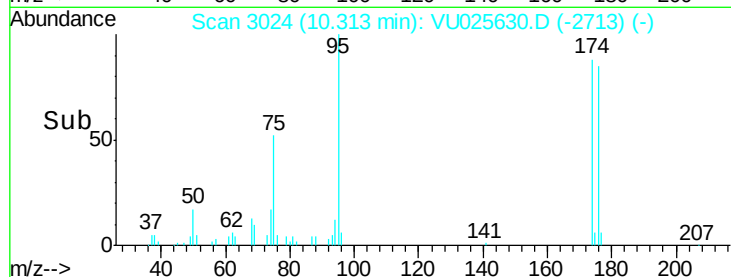
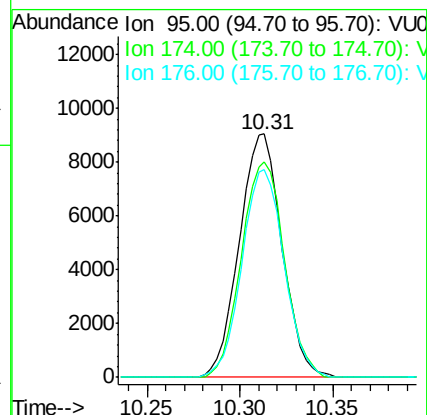
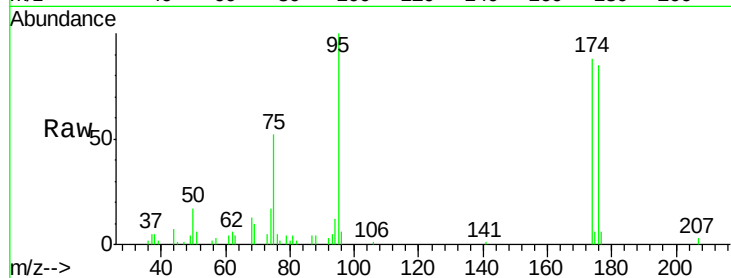
Tgt Ion: 95 Resp: 14419

Ion Ratio Lower Upper

95 100

174 89.0 65.6 98.4

176 84.5 62.0 93.0



#58

Tetrachloroethene

Concen: 11.098 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Tgt Ion: 164 Resp: 112116

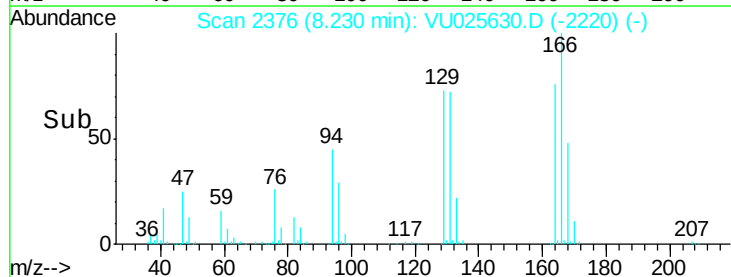
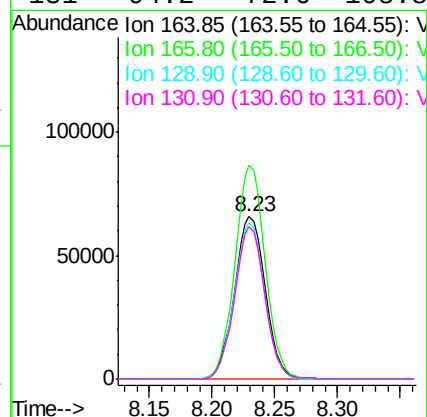
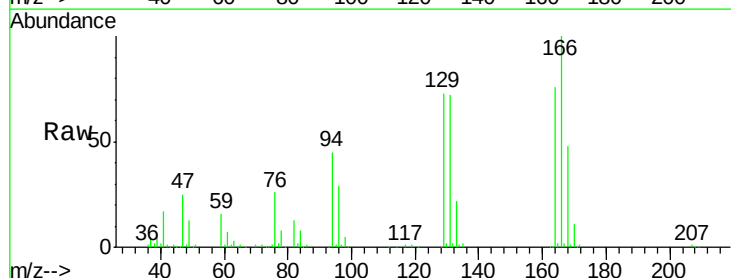
Ion Ratio Lower Upper

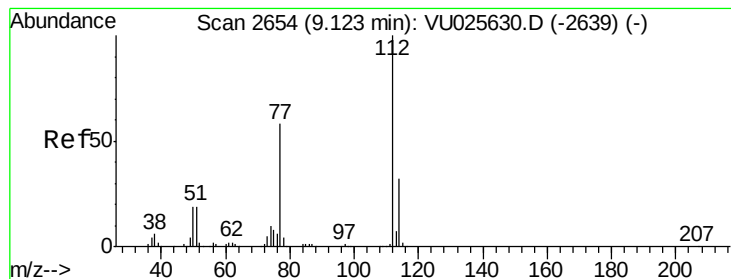
164 100

166 131.6 104.1 156.1

129 96.2 76.8 115.2

131 94.2 72.6 108.8





#59

Chlorobenzene

Concen: 11.610 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

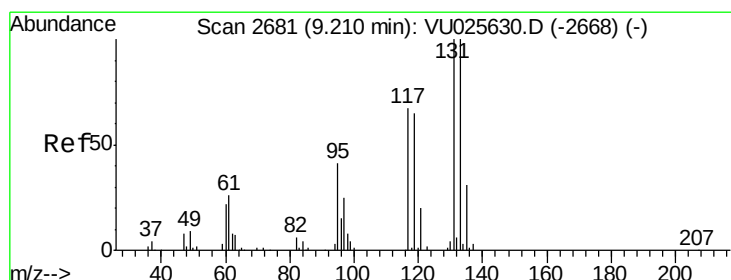
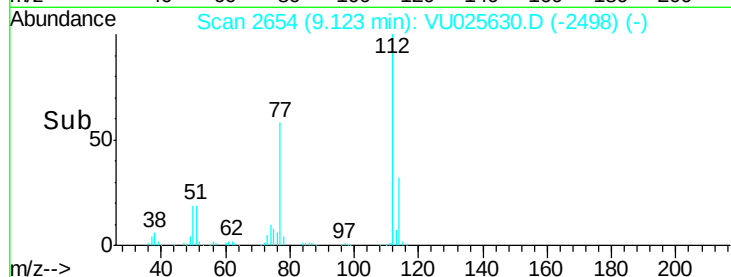
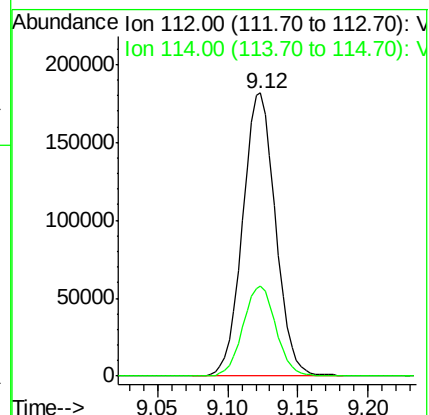
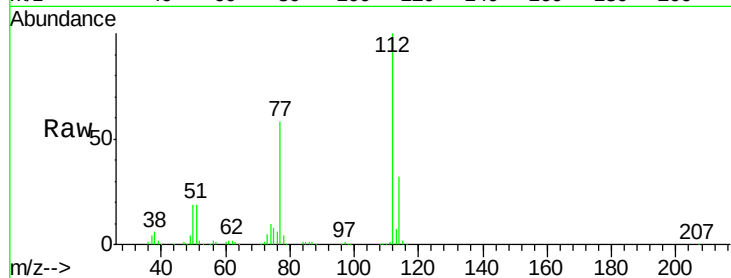
VSTDICCC010

Tgt Ion:112 Resp: 296281

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 12.724 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

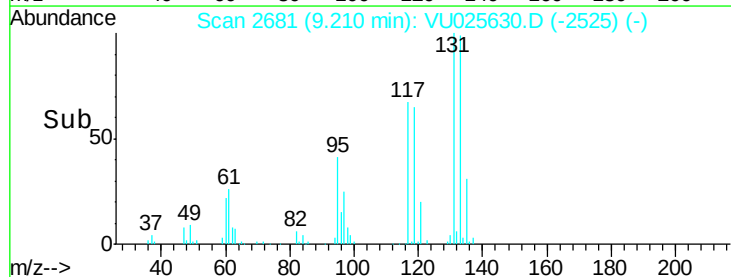
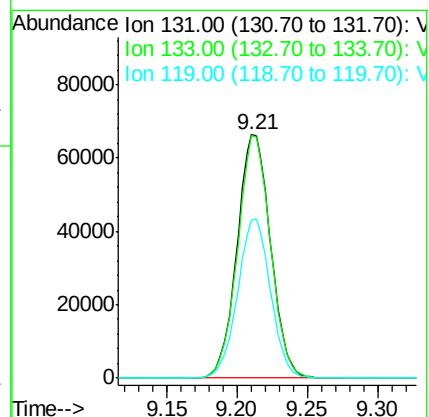
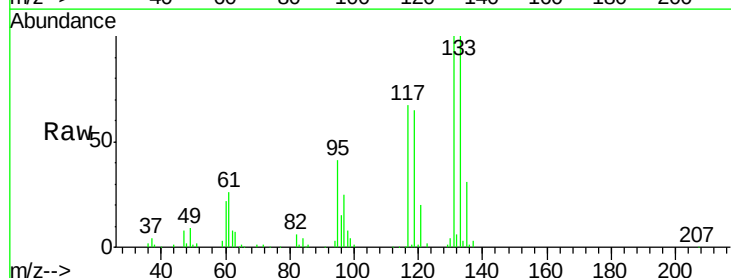
Tgt Ion:131 Resp: 110287

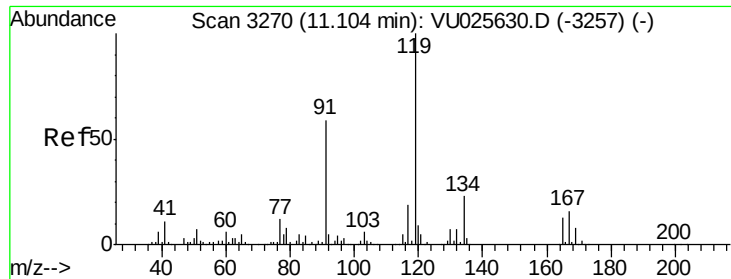
Ion Ratio Lower Upper

131 100

133 97.7 75.8 113.8

119 64.2 53.0 79.6

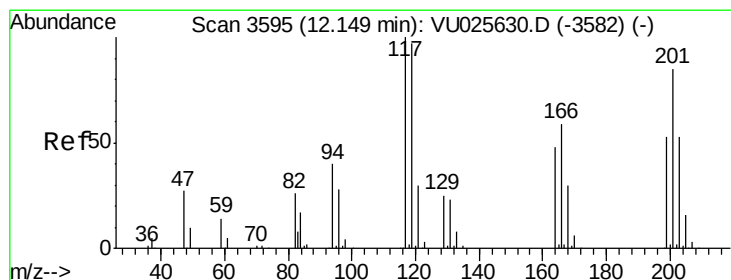
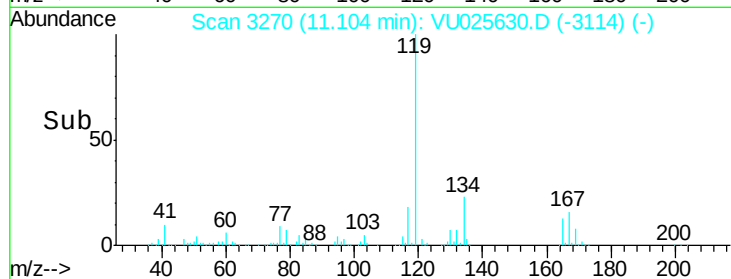
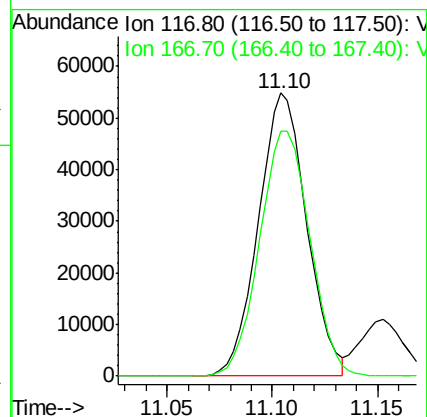
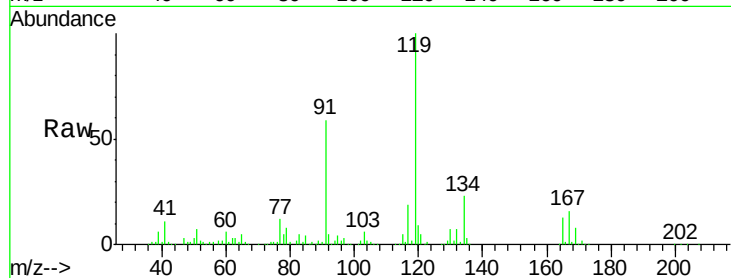




#61
 Pentachloroethane
 Concen: 14.204 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

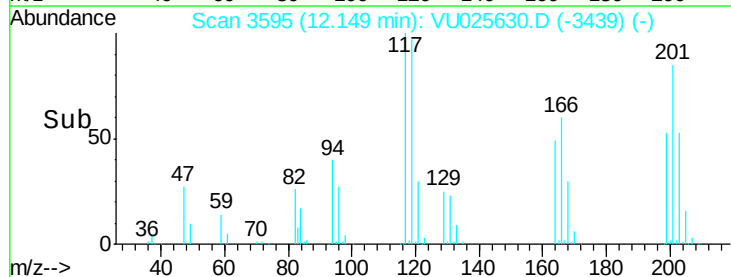
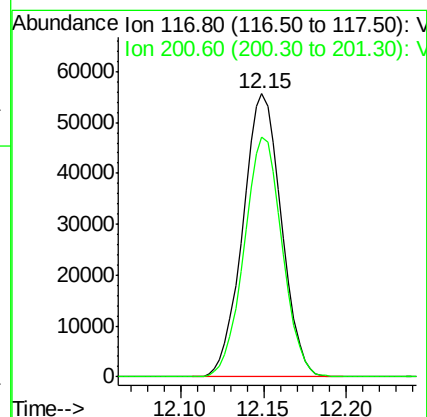
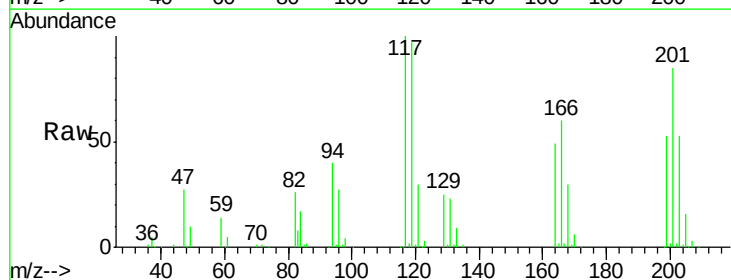
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

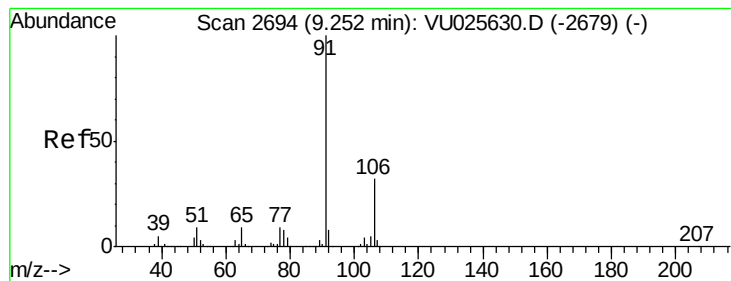
Tgt Ion:117 Resp: 87384
 Ion Ratio Lower Upper
 117 100
 167 90.5 69.2 103.8



#62
 Hexachloroethane
 Concen: 15.204 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion:117 Resp: 89776
 Ion Ratio Lower Upper
 117 100
 201 83.6 68.7 103.1





#63

Ethyl Benzene

Concen: 11.995 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

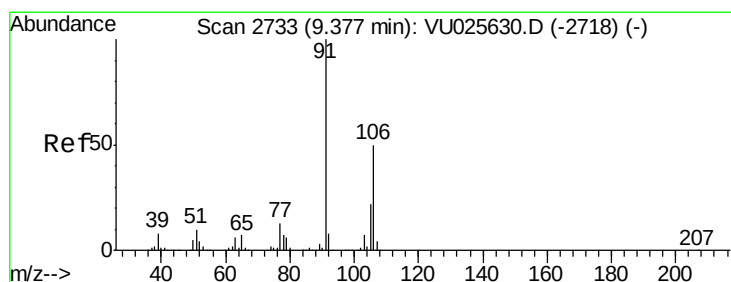
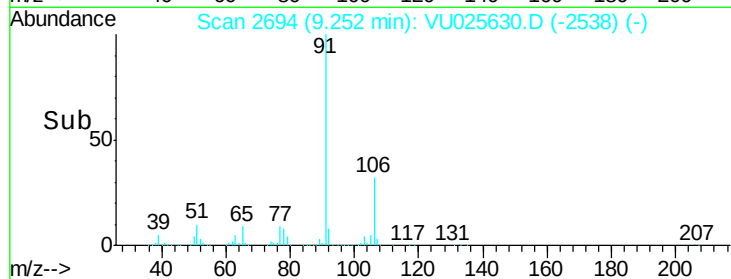
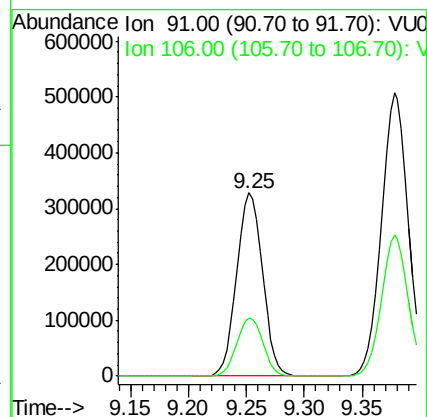
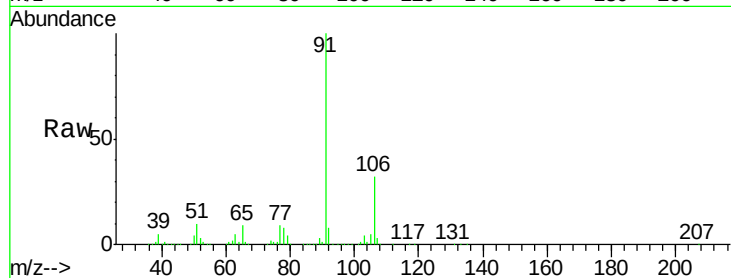
VSTDICCC010

Tgt Ion: 91 Resp: 508812

Ion Ratio Lower Upper

91 100

106 31.8 24.7 37.1



#64

m/p-Xylenes

Concen: 24.903 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025630.D

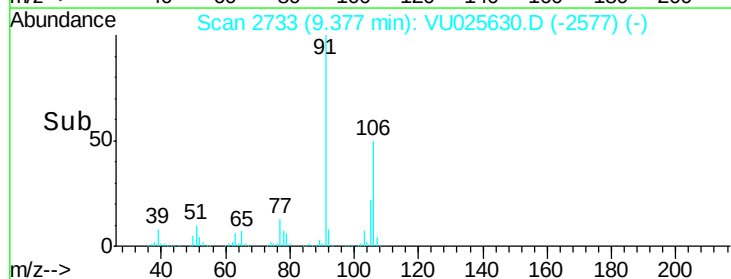
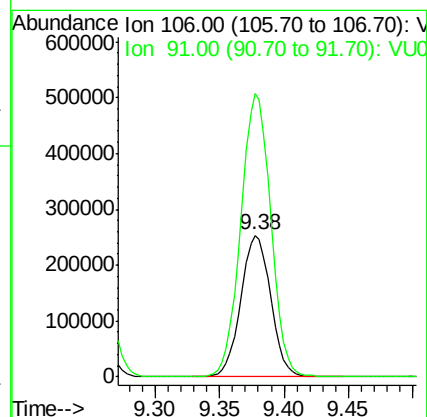
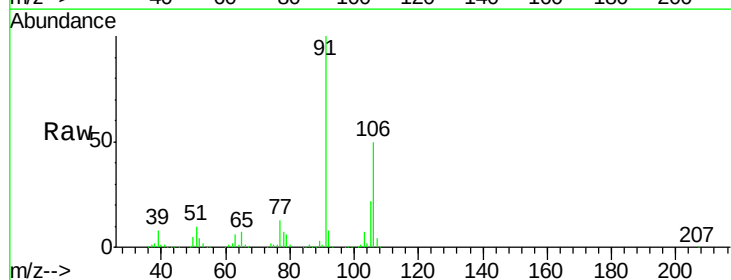
Acq: 25 Jul 2018 11:26

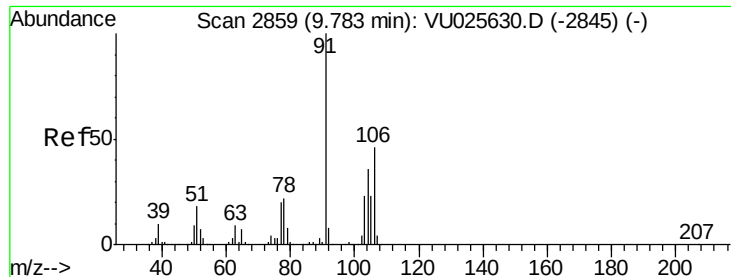
Tgt Ion: 106 Resp: 407370

Ion Ratio Lower Upper

106 100

91 201.1 164.1 246.1

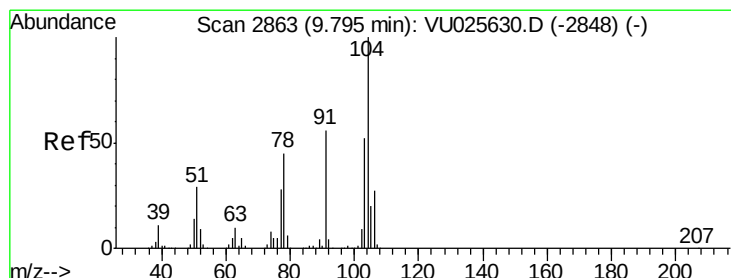
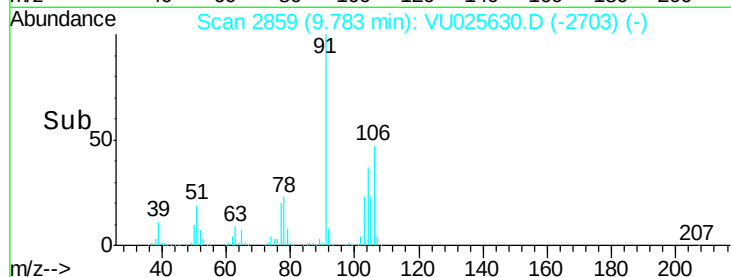
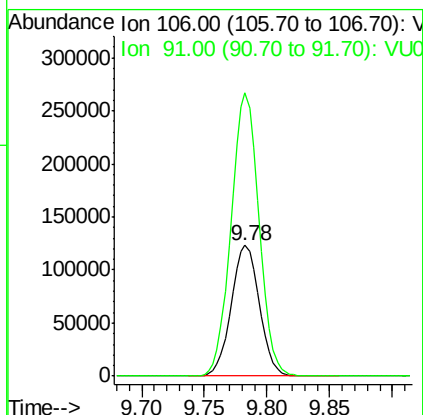
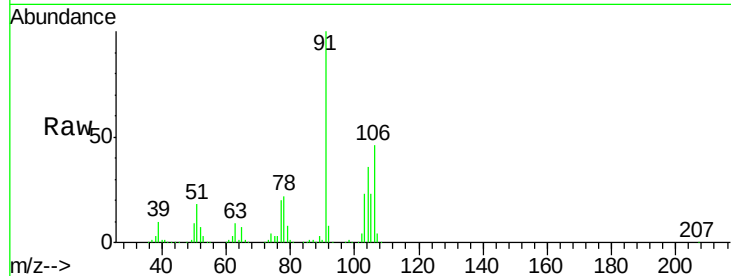




#65
o-Xylene
Concen: 12.196 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

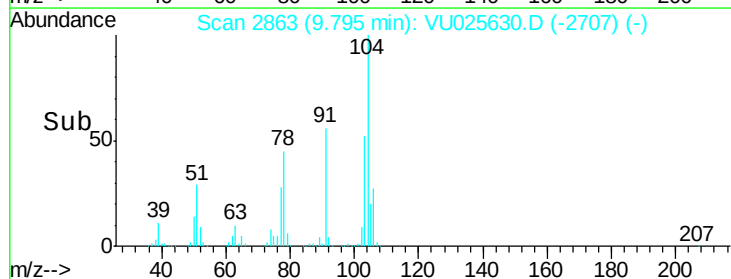
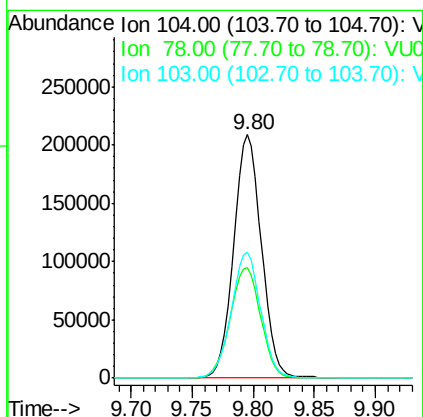
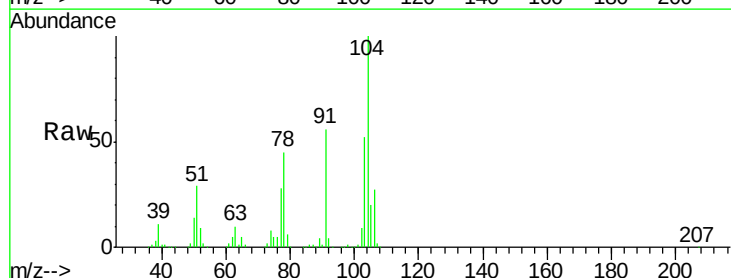
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

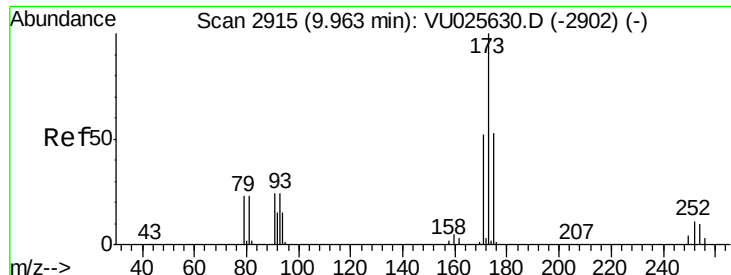
Tgt Ion:106 Resp: 192125
Ion Ratio Lower Upper
106 100
91 214.5 107.9 323.7



#66
Styrene
Concen: 12.728 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion:104 Resp: 330641
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 54.9 44.2 66.4

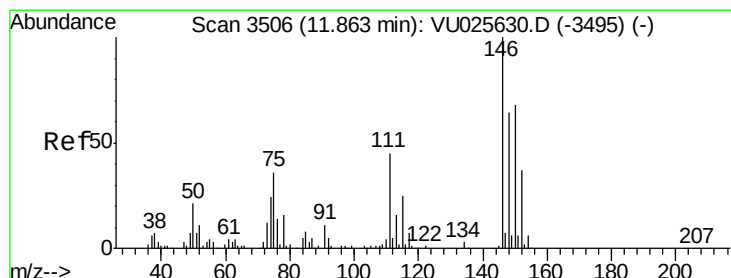
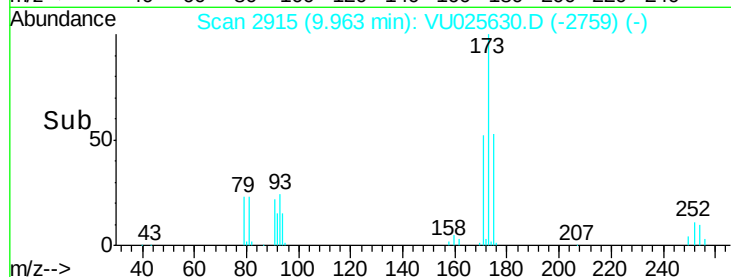
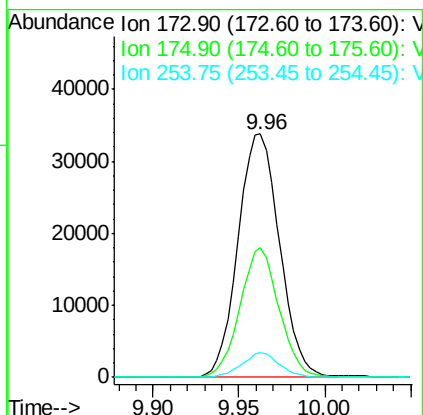
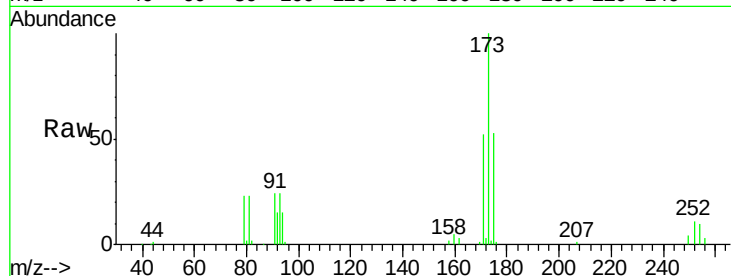




#67
Bromoform
Concen: 14.329 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

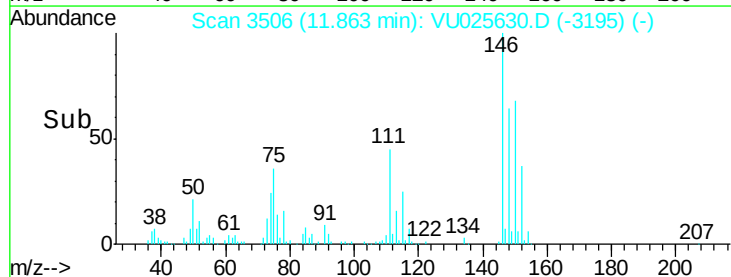
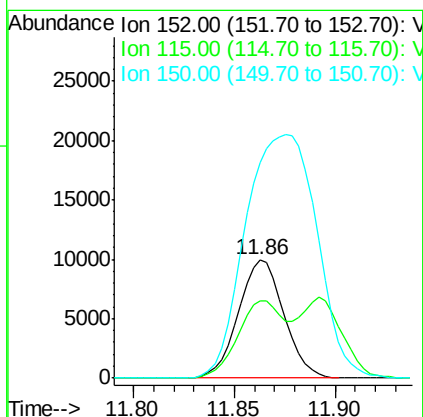
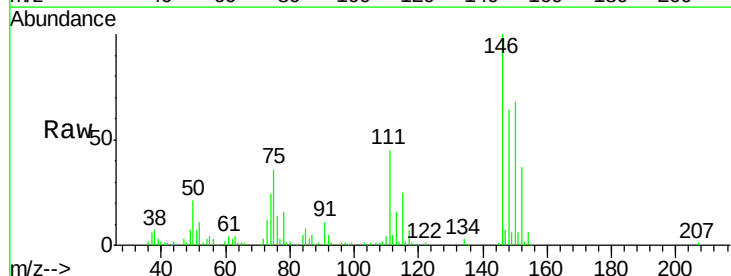
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

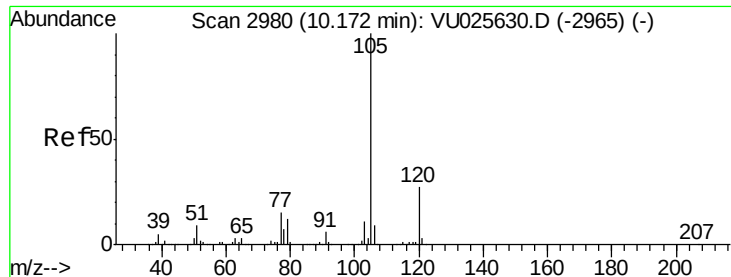
Tgt Ion:173 Resp: 56807
Ion Ratio Lower Upper
173 100
175 50.2 38.6 57.8
254 9.2 8.8 13.2



#68
1,2-Dichlorobenzene-d4
Concen: 14.329 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion:152 Resp: 15709
Ion Ratio Lower Upper
152 100
115 69.8 0.0 118.8
150 321.0 0.0 0.0#





#69

Isopropylbenzene

Concen: 12.770 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

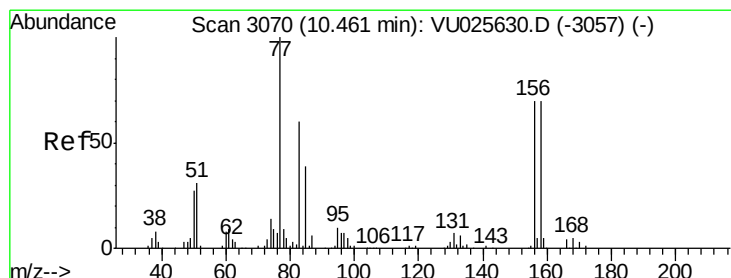
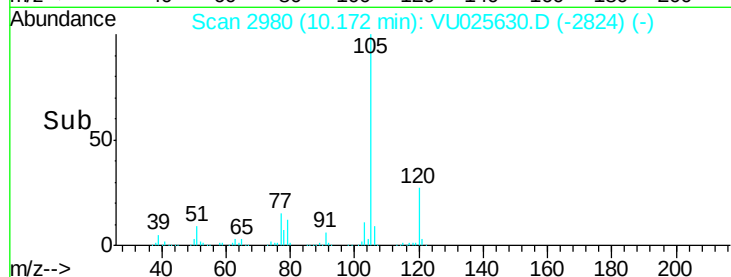
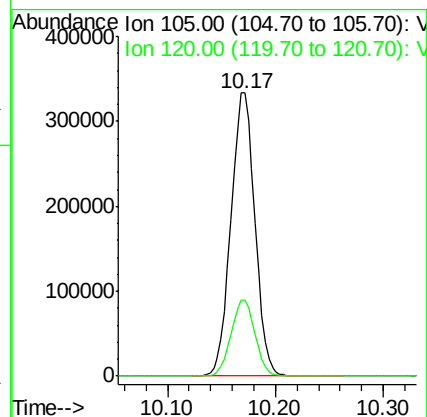
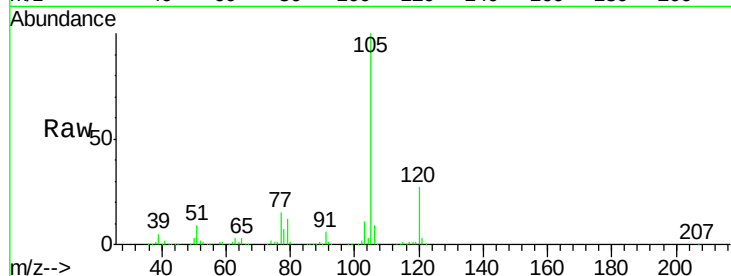
VSTDICCC010

Tgt Ion: 105 Resp: 518151

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 12.342 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

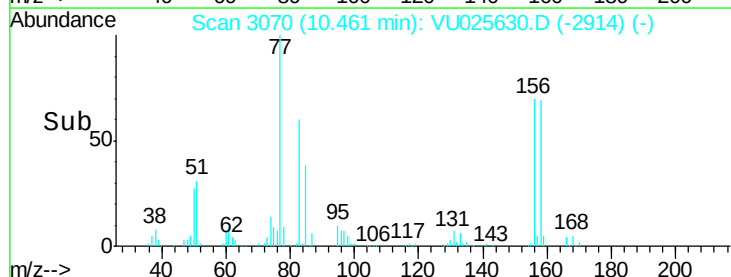
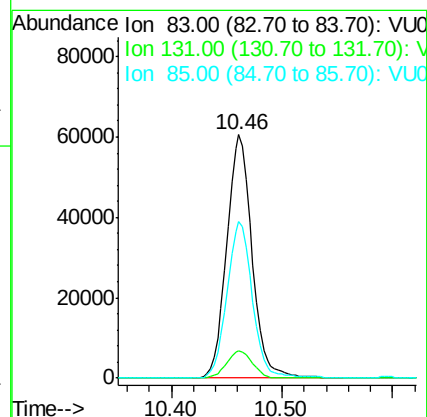
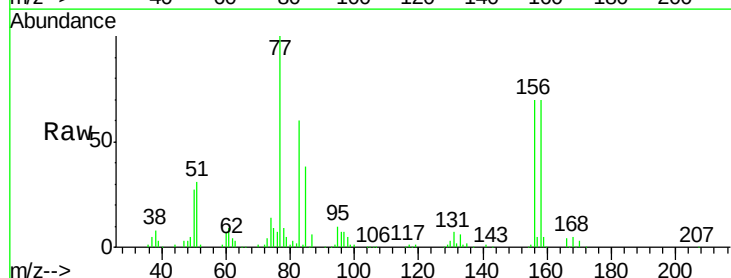
Tgt Ion: 83 Resp: 96371

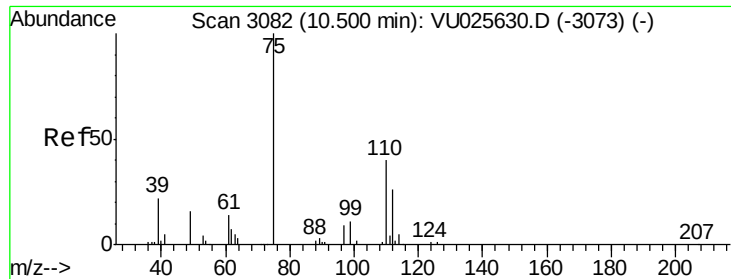
Ion Ratio Lower Upper

83 100

131 11.4 7.9 11.9

85 64.7 51.8 77.6

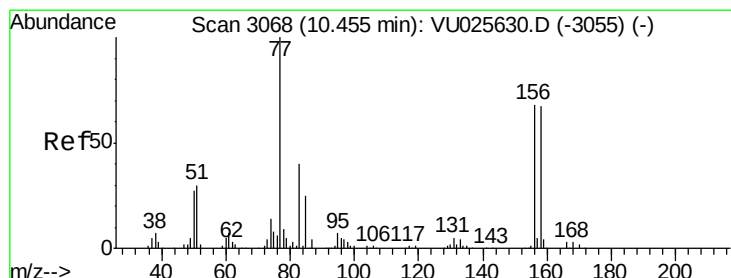
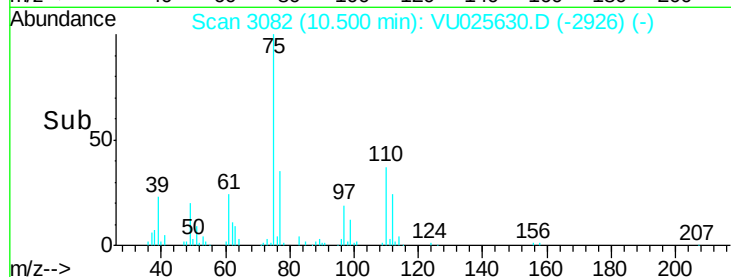
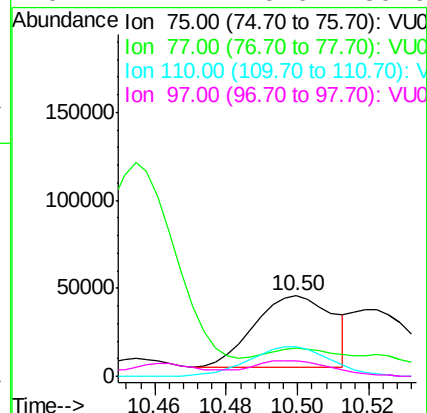
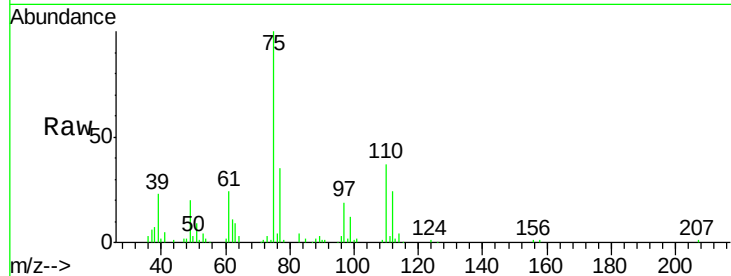




#71
 1,2,3-Trichloropropane
 Concen: 11.021 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

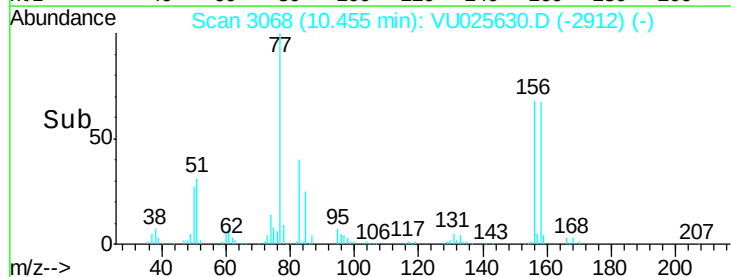
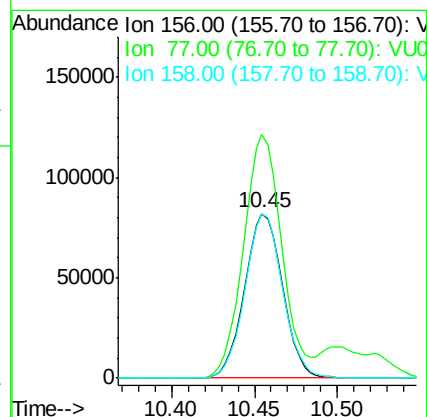
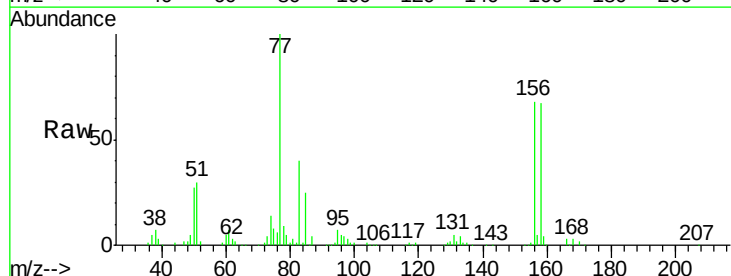
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

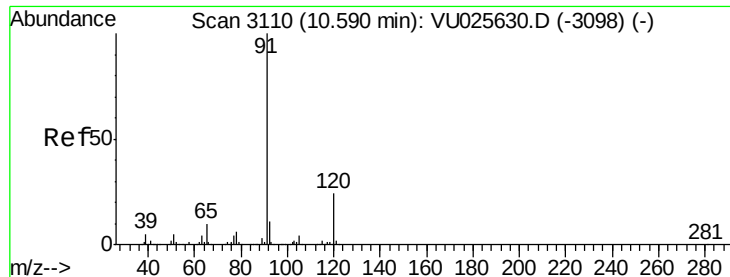
Tgt Ion: 75 Resp: 61590
 Ion Ratio Lower Upper
 75 100
 77 60.2 0.0 0.0#
 110 43.0 0.0 74.0
 97 22.4 0.0 39.6



#72
 Bromobenzene
 Concen: 12.916 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion: 156 Resp: 130484
 Ion Ratio Lower Upper
 156 100
 77 149.2 0.0 309.8
 158 99.0 0.0 193.0

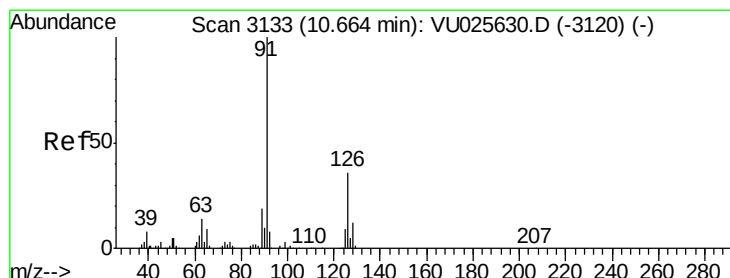
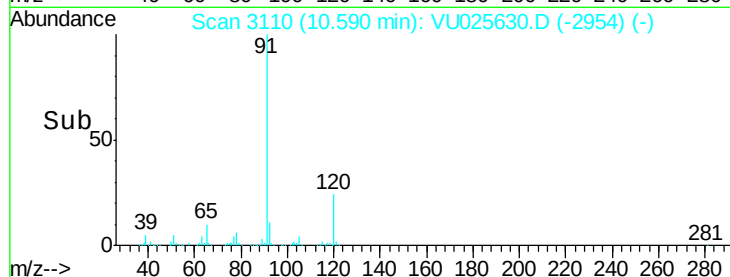
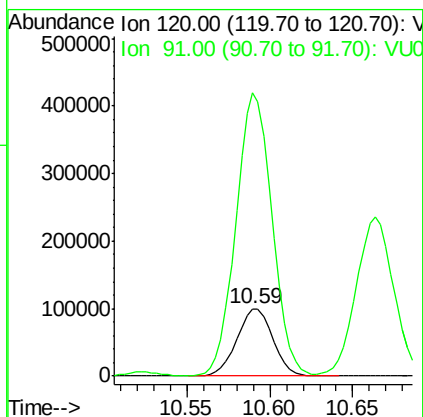
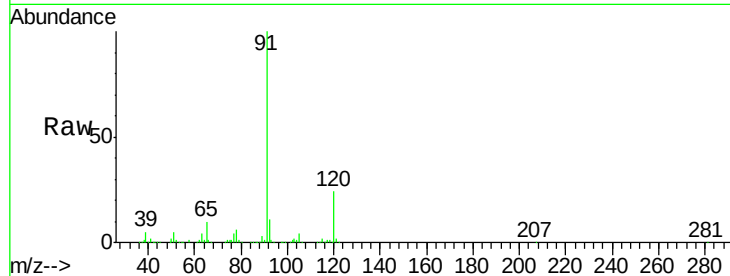




#73
n-propylbenzene
Concen: 13.436 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

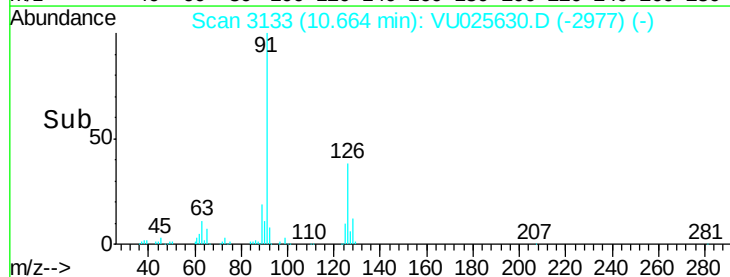
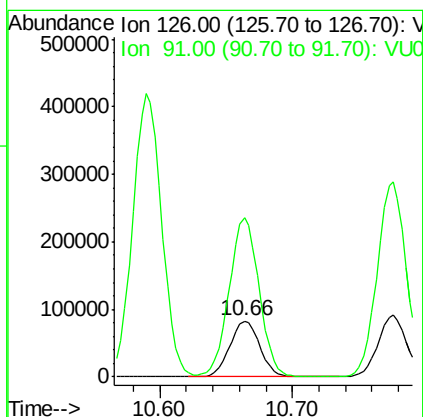
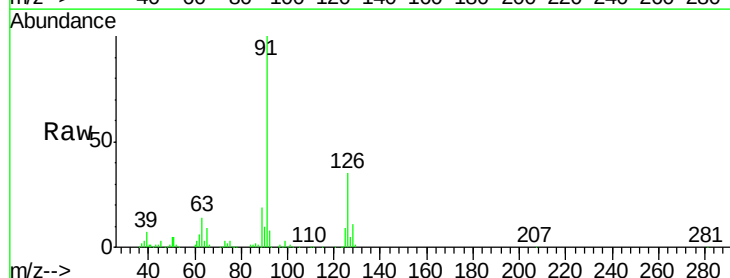
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

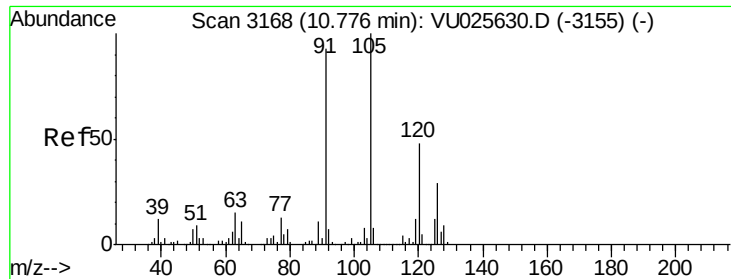
Tgt Ion:120 Resp: 150711
Ion Ratio Lower Upper
120 100
91 420.2 352.2 528.4



#74
2-Chlorotoluene
Concen: 13.160 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion:126 Resp: 130517
Ion Ratio Lower Upper
126 100
91 283.7 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 13.605 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

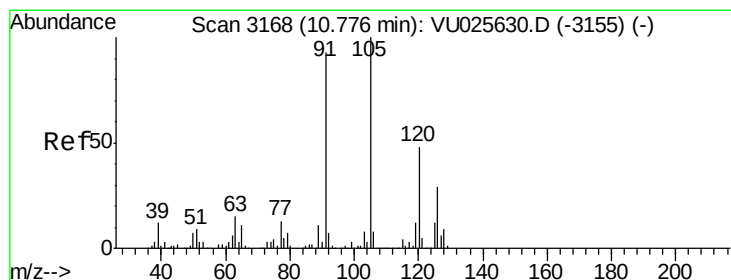
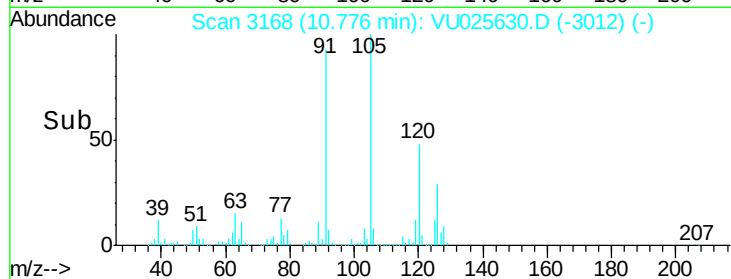
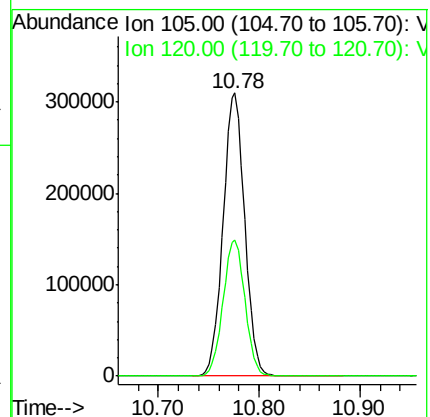
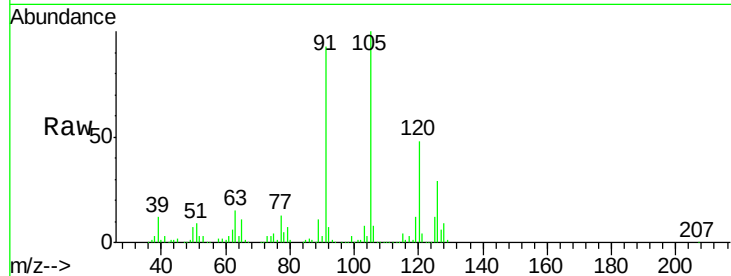
VSTDICCC010

Tgt Ion:105 Resp: 465104

Ion Ratio Lower Upper

105 100

120 48.8 39.0 58.6



#76

4-Chlorotoluene

Concen: 13.377 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025630.D

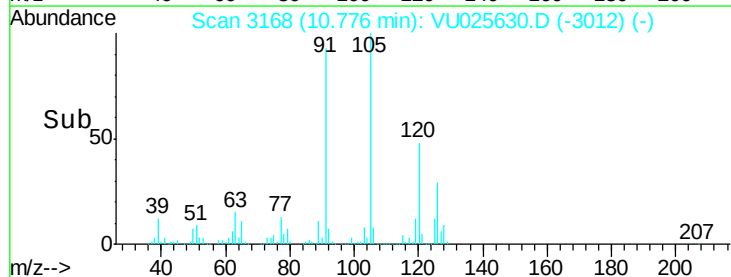
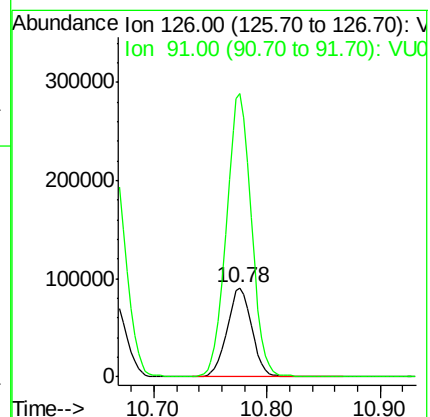
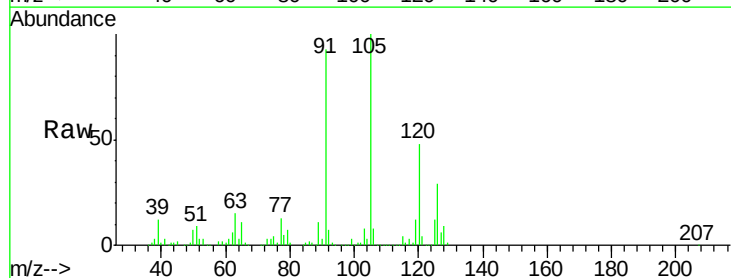
Acq: 25 Jul 2018 11:26

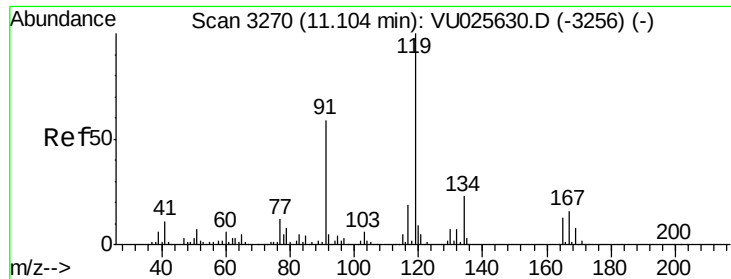
Tgt Ion:126 Resp: 137442

Ion Ratio Lower Upper

126 100

91 323.0 0.0 667.2

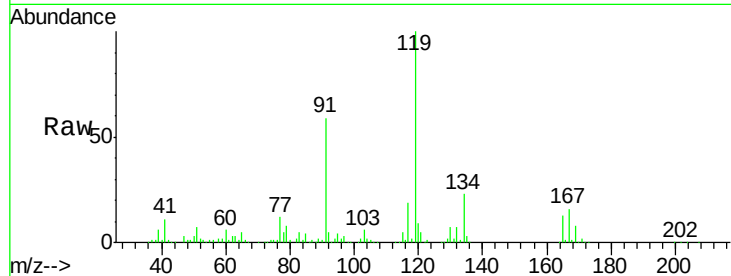




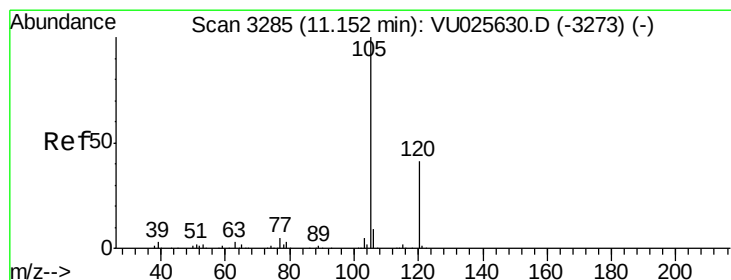
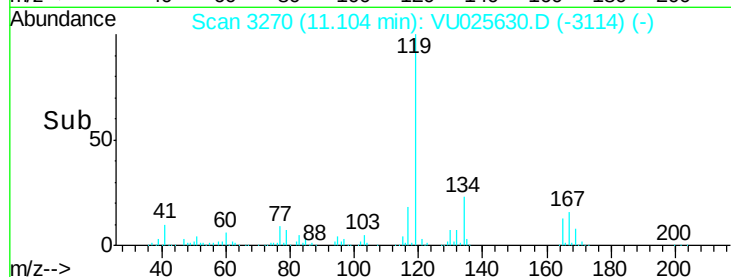
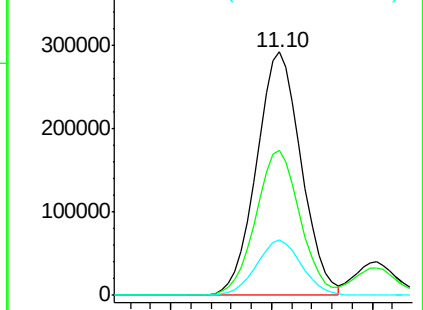
#77
 tert-Butylbenzene
 Concen: 14.026 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:119 Resp: 449211
 Ion Ratio Lower Upper
 119 100
 91 59.3 29.6 88.8
 134 22.9 19.1 28.7

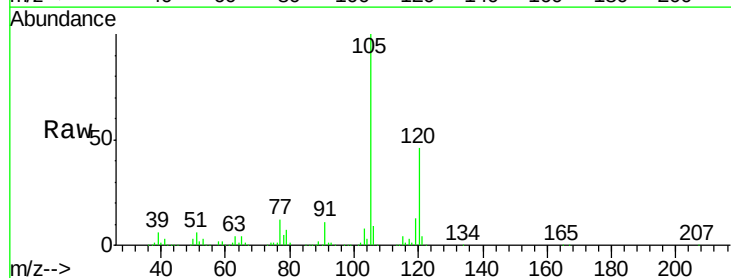


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

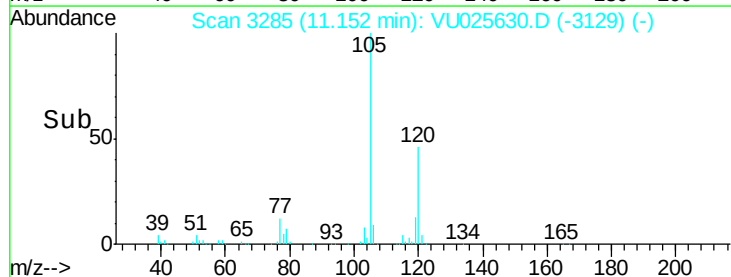
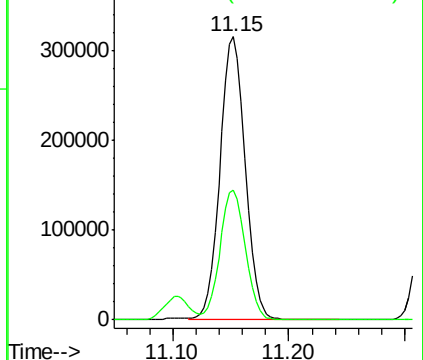


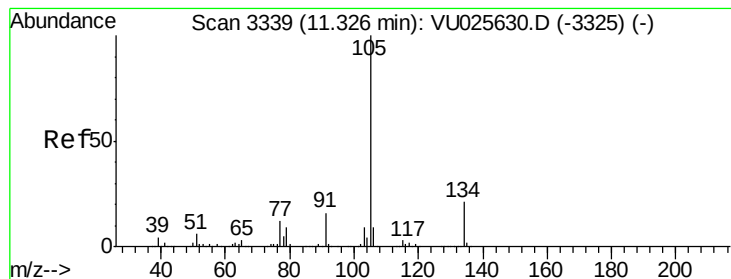
#78
 1,2,4-Trimethylbenzene
 Concen: 13.777 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion:105 Resp: 475513
 Ion Ratio Lower Upper
 105 100
 120 46.3 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: 13.325 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

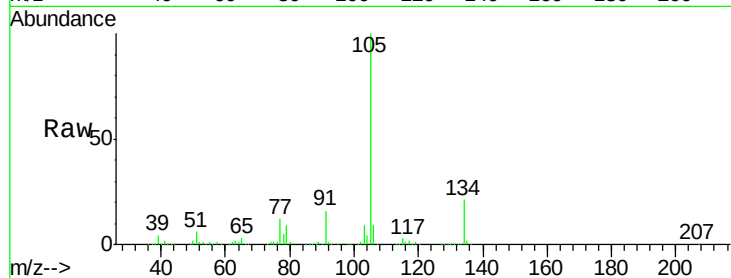
VSTDICCC010

Tgt Ion:105 Resp: 597592

Ion Ratio Lower Upper

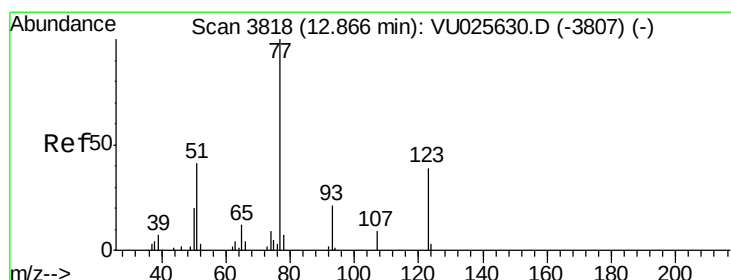
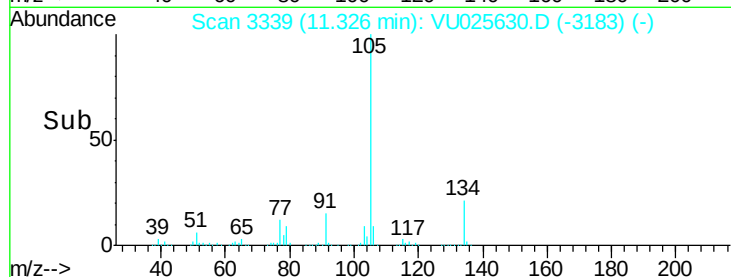
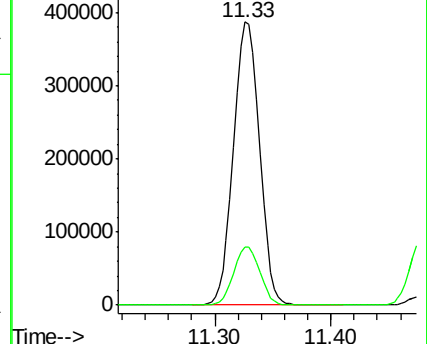
105 100

134 20.7 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 61.882 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

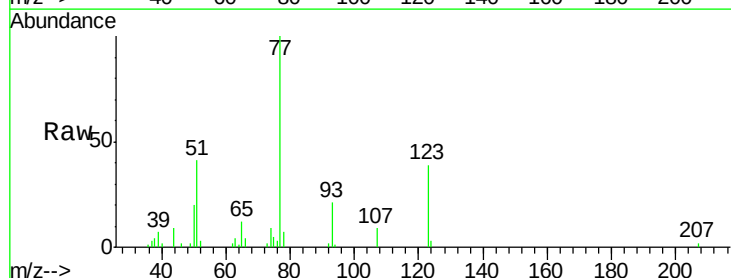
Tgt Ion: 77 Resp: 16782

Ion Ratio Lower Upper

77 100

123 43.5 19.4 68.6

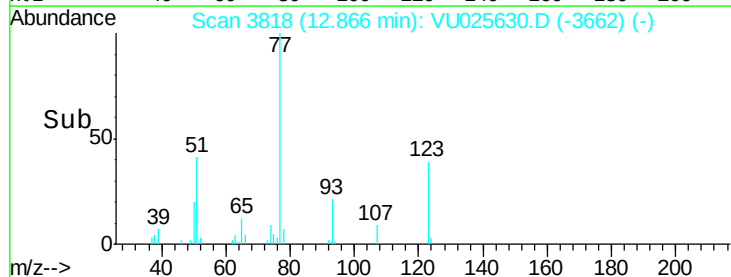
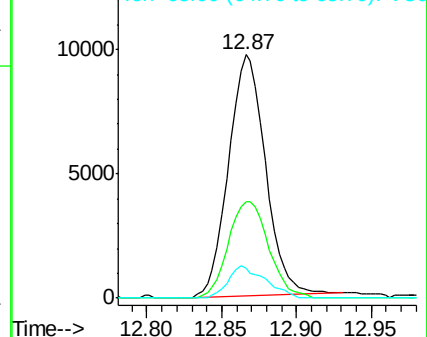
65 13.3 11.2 14.2

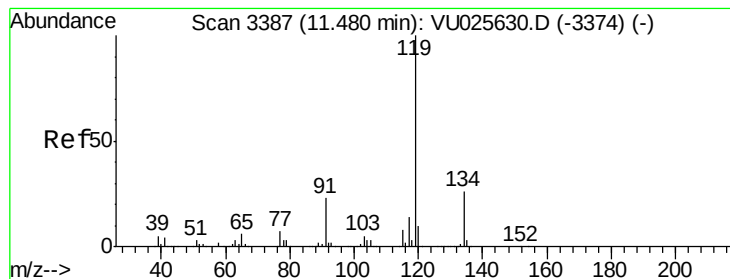


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 14.088 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

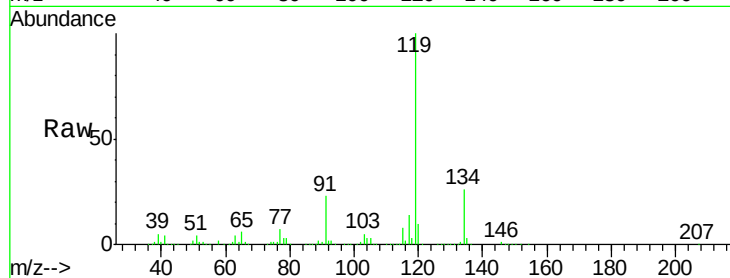
Tgt Ion:119 Resp: 519206

Ion Ratio Lower Upper

119 100

134 26.4 20.9 31.3

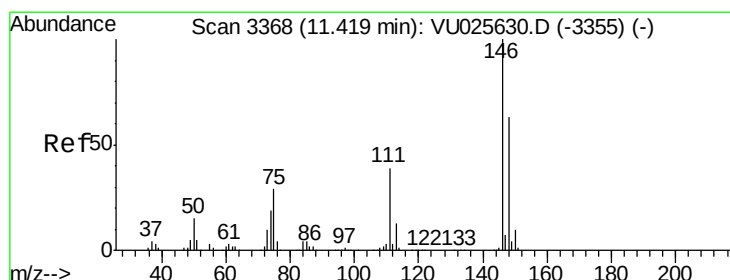
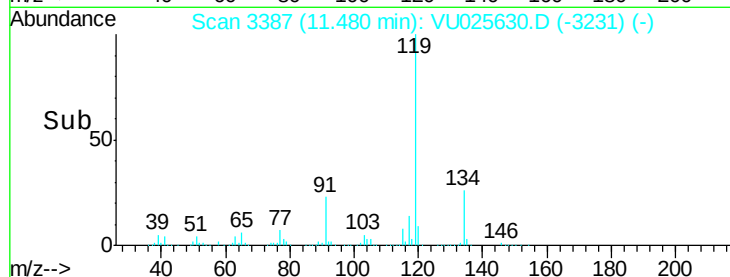
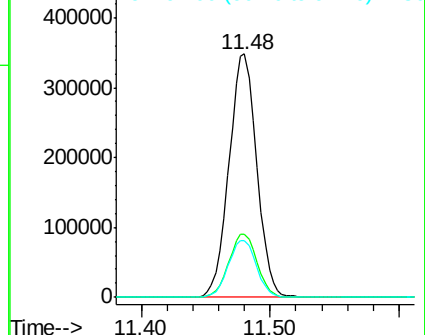
91 23.9 18.2 27.2



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): VU



#82

1,3-Dichlorobenzene

Concen: 13.398 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

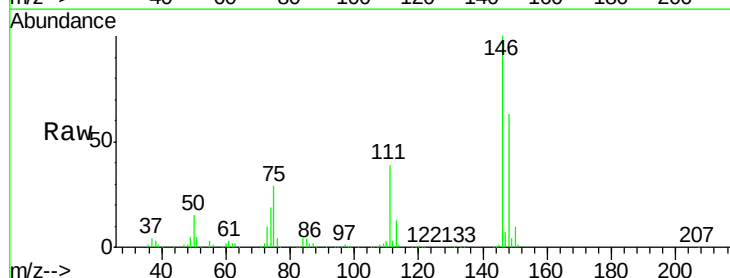
Tgt Ion:146 Resp: 270134

Ion Ratio Lower Upper

146 100

111 39.2 31.8 47.6

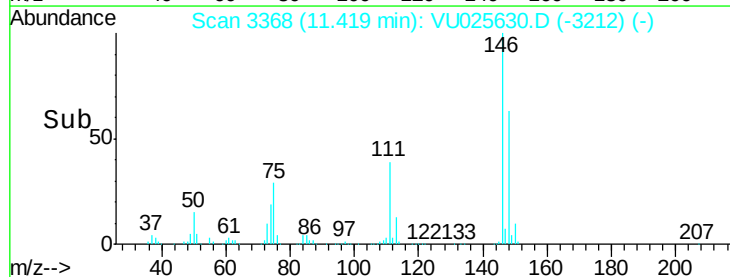
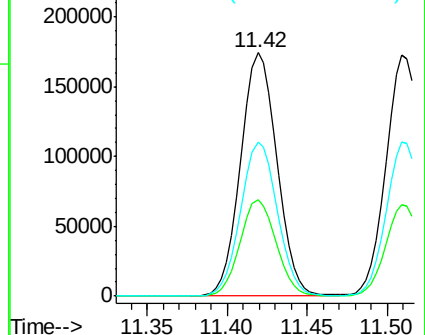
148 63.8 51.0 76.4

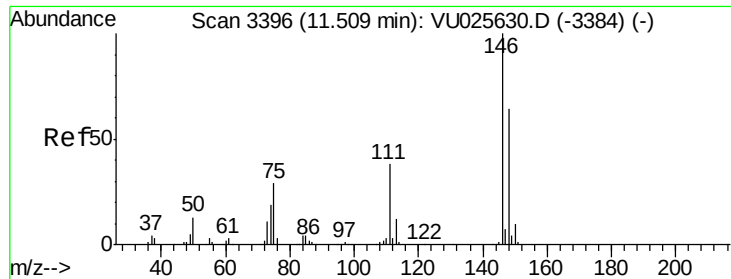


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#83

1,4-Dichlorobenzene

Concen: 13.496 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

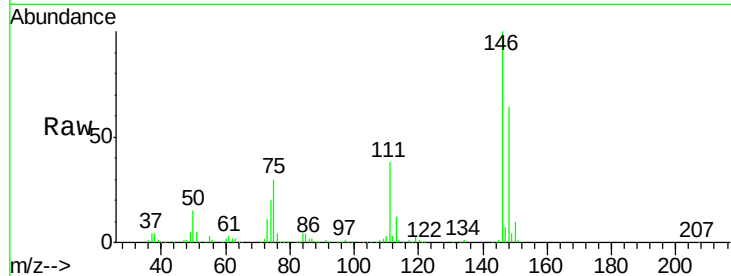
Tgt Ion:146 Resp: 271758

Ion Ratio Lower Upper

146 100

111 37.7 30.1 45.1

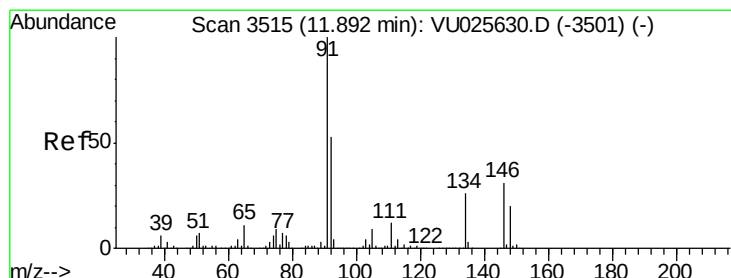
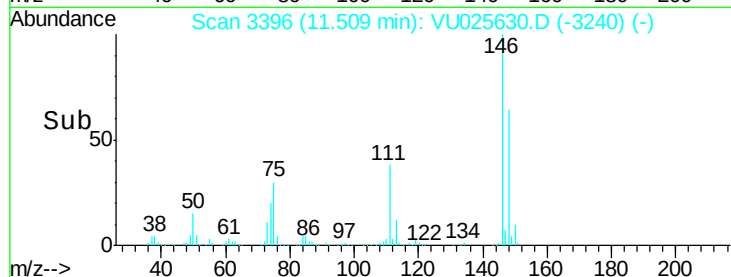
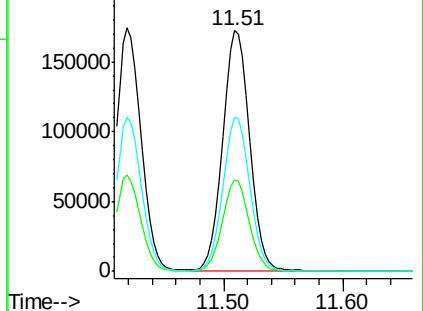
148 64.0 50.6 76.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 13.475 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

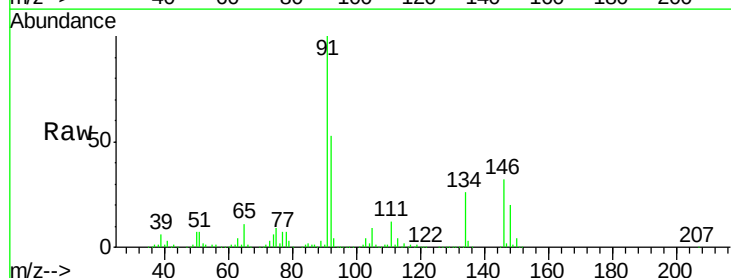
Tgt Ion: 91 Resp: 484822

Ion Ratio Lower Upper

91 100

92 52.3 42.2 63.2

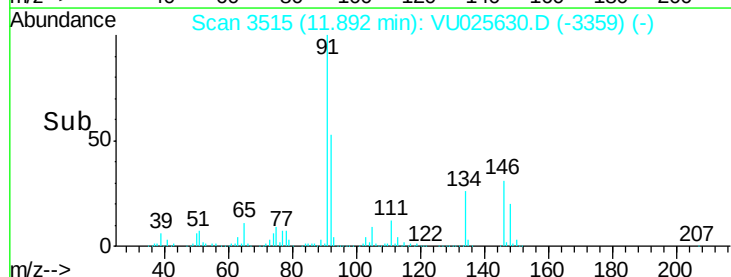
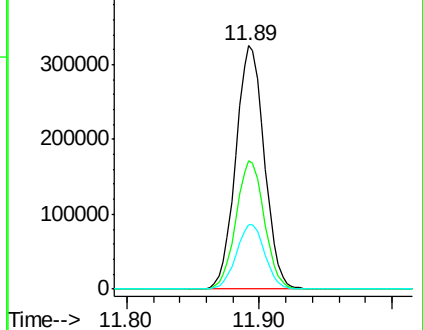
134 26.6 20.3 30.5

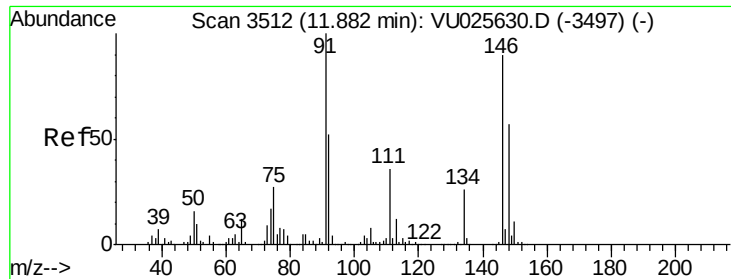


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

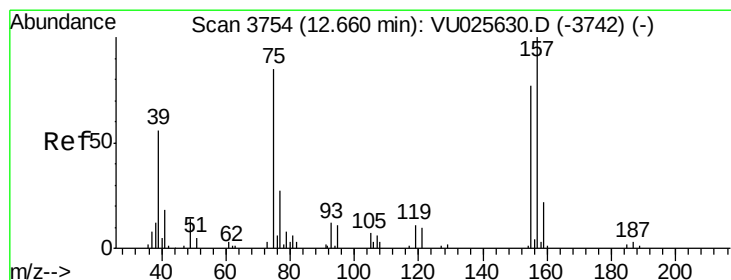
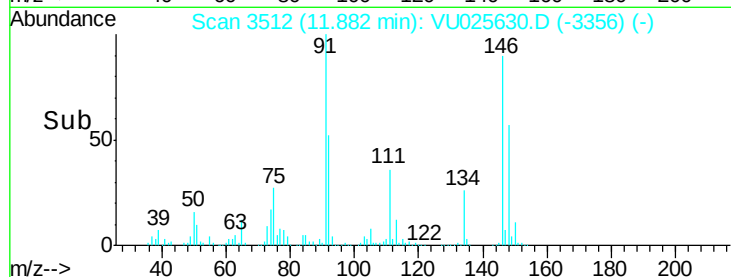
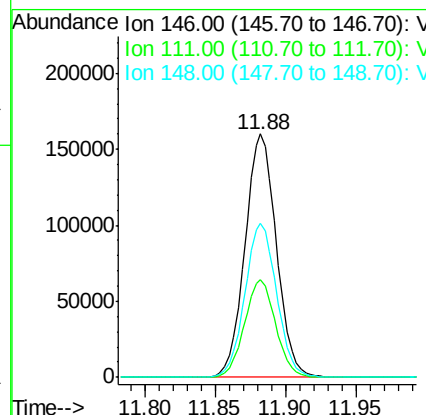
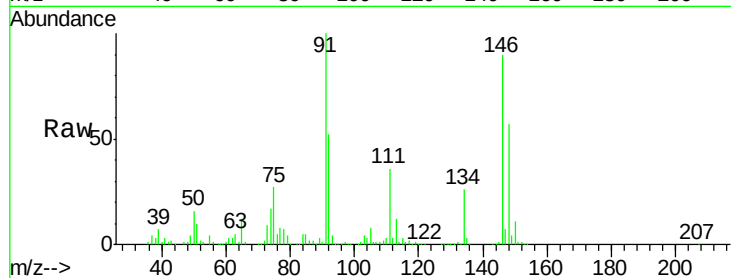




#85
 1,2-Dichlorobenzene
 Concen: 13.708 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

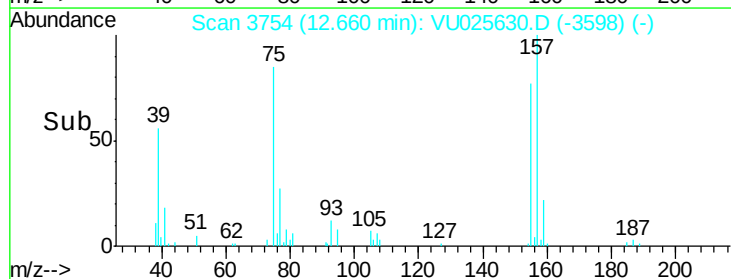
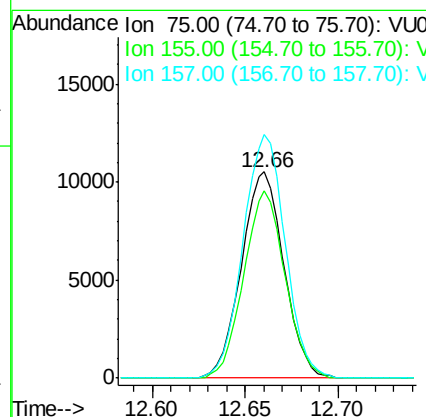
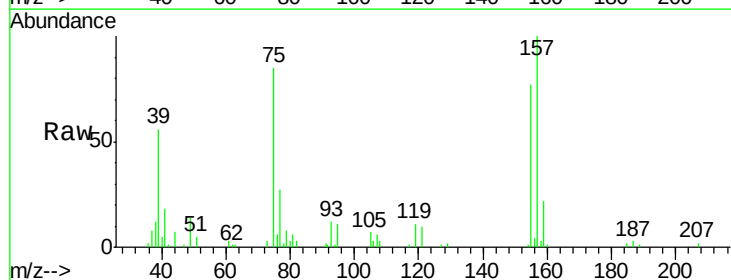
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

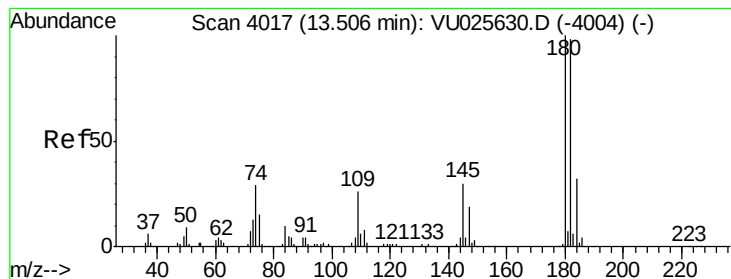
Tgt Ion:146 Resp: 249533
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.7 62.1
 148 64.0 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 15.217 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion: 75 Resp: 16768
 Ion Ratio Lower Upper
 75 100
 155 88.3 65.8 98.6
 157 117.5 83.5 125.3





#87

1,2,4-Trichlorobenzene

Concen: 13.963 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

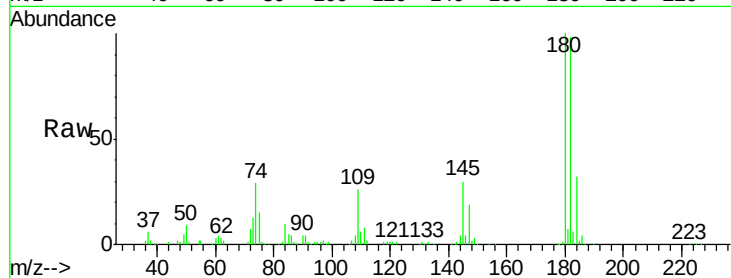
Tgt Ion:180 Resp: 183842

Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

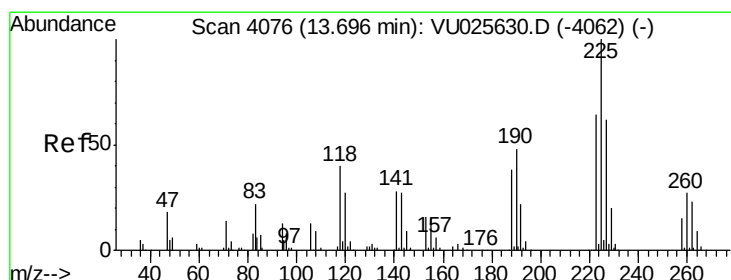
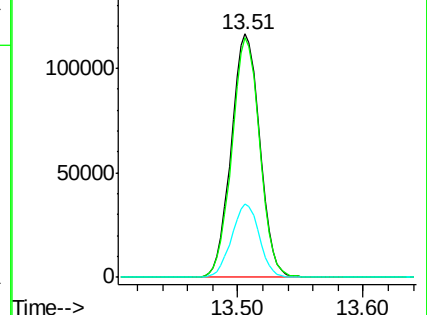
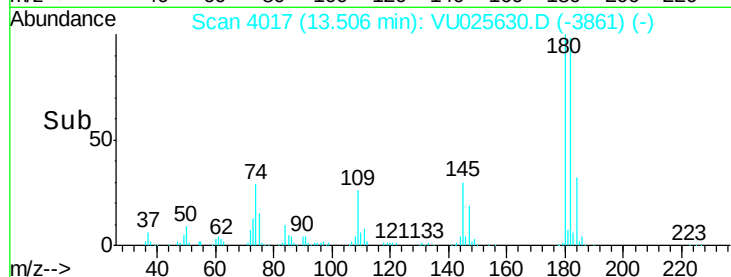
145 29.2 23.3 34.9



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 13.373 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

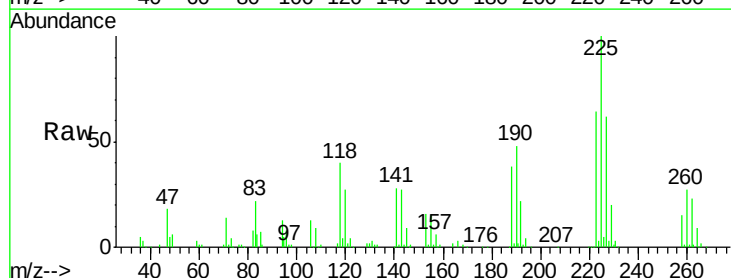
Tgt Ion:225 Resp: 106767

Ion Ratio Lower Upper

225 100

223 64.4 50.6 75.8

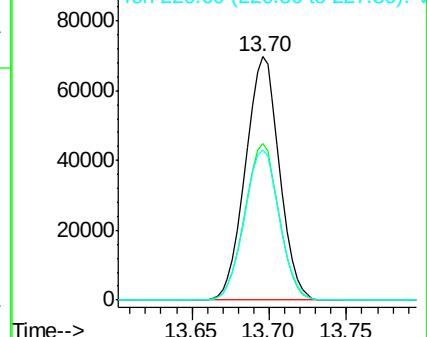
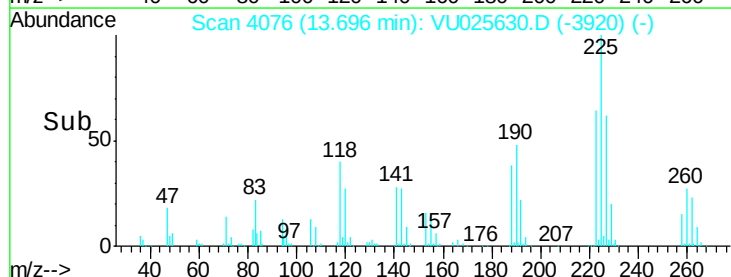
227 63.2 51.8 77.6

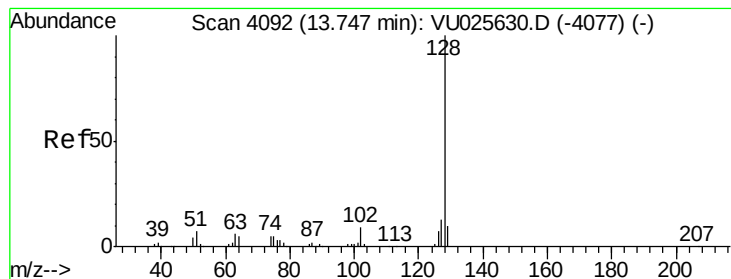


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 15.426 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

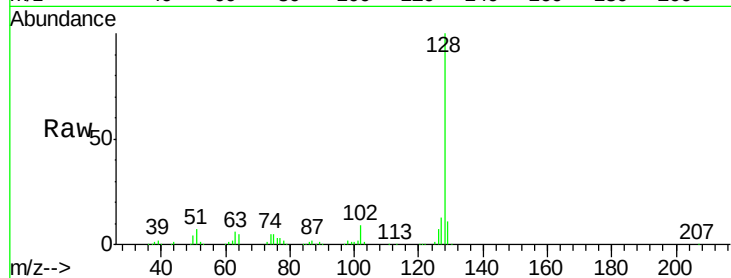
Tgt Ion:128 Resp: 305872

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

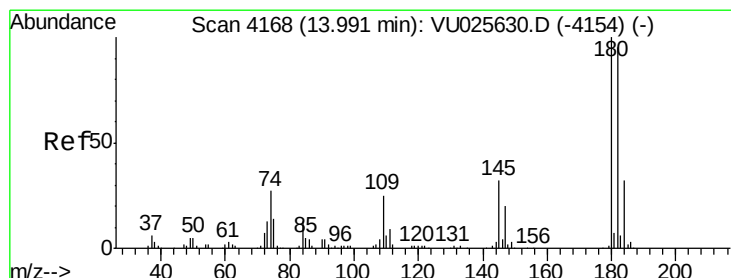
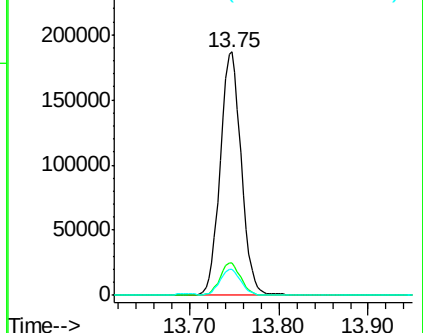
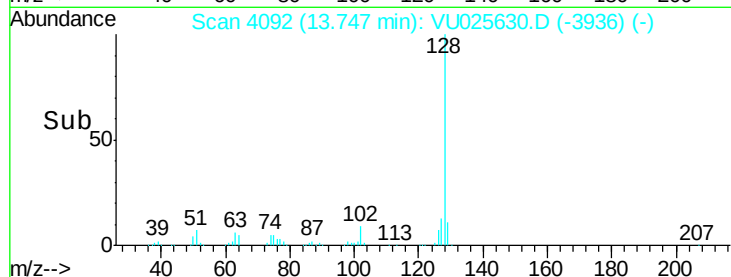
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 13.388 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

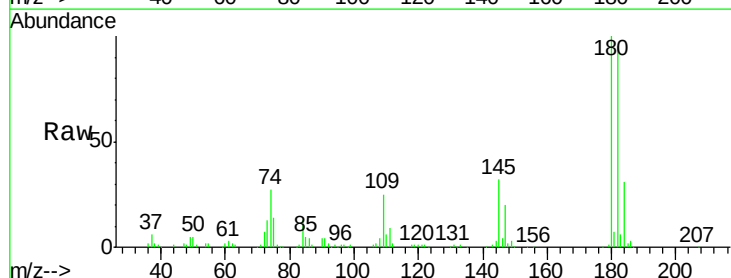
Tgt Ion:180 Resp: 165466

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

145 31.5 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

