

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
 Data File : VU025629.D
 Acq On : 25 Jul 2018 11:02
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 25 11:51:09 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	37562	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	14368	1.17	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15327	1.29	ug/l	0.00
Spiked Amount 1.000			Recovery	=	129.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	67830	5.562	ug/l 99
3) Chloromethane	1.33	50	62293	4.408	ug/l 98
4) Vinyl Chloride	1.41	62	58741	4.333	ug/l 97
5) Bromomethane	1.63	94	26843	3.704	ug/l 97
6) Chloroethane	1.70	64	35420	4.694	ug/l 98
7) Trichlorofluoromethane	1.89	101	86078	5.532	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	47268	4.944	ug/l 98
9) 1,1-Dichloroethene	2.29	96	41465	4.672	ug/l 93
10) Iodomethane	2.41	142	31997	3.032	ug/l 94
11) Allyl Chloride	2.59	41	68849	4.220	ug/l 84
12) Acrylonitrile	2.94	53	17511	9.560	ug/l 95
13) Acetone	2.32	43	36810	23.679	ug/l 95
14) Carbon Disulfide	2.48	76	138912	4.757	ug/l 99
15) Methylene Chloride	2.70	84	46606	4.610	ug/l 94
16) trans-1,2-Dichloroethene	2.98	96	46403	4.880	ug/l 95
17) 1,1-Dichloroethane	3.45	63	95379	5.092	ug/l 98
18) 2-Butanone	4.28	43	70084	27.900	ug/l 98
19) Cyclohexane	4.99	56	73143	4.520	ug/l 87
20) Methylcyclohexane	6.42	83	88949	5.387	ug/l 94
21) 2,2-Dichloropropane	4.23	77	86895	5.850	ug/l 99
22) cis-1,2-Dichloroethene	4.23	96	58133	5.649	ug/l 94
23) Diethyl Ether	2.10	59	30578	4.214	ug/l 97
24) tert-Butyl Alcohol	2.84	59	35169	64.276	ug/l # 79
25) Methyl tert-Butyl Ether	3.01	73	110426	4.951	ug/l 97
26) Bromochloromethane	4.55	128	25165	6.189	ug/l 85
27) Chloroform	4.68	83	100774	5.713	ug/l 99
28) 1,1,1-Trichloroethane	4.92	97	89984	6.219	ug/l 99
29) 1,1-Dichloropropene	5.14	75	76371	5.379	ug/l 97
30) Carbon Tetrachloride	5.14	117	84617	6.950	ug/l 98
31) Isopropyl Ether	3.58	45	148285	4.690	ug/l 93
32) Ethyl-t-butyl ether	4.08	59	138627	5.131	ug/l 93
33) Tert-Amyl methyl ether	5.59	73	125625	5.494	ug/l 97
34) Propionitrile	4.34	54	19159	26.787	ug/l # 91
35) Benzene	5.39	78	209644	4.968	ug/l 99
36) 1,2-Dichloroethane	5.41	62	65355	5.476	ug/l 99
37) Trichloroethene	6.19	130	61575	5.436	ug/l 96
38) 1,2-Dichloropropane	6.44	63	55352	4.783	ug/l 99
39) Methacrylonitrile	4.56	41	17607	4.814	ug/l 92
40) Methyl acrylate	4.44	55	25769	5.080	ug/l # 96
41) Tetrahydrofuran	4.66	42	19520	10.359	ug/l 96
42) 1-Chlorobutane	5.07	56	102443	4.978	ug/l 99

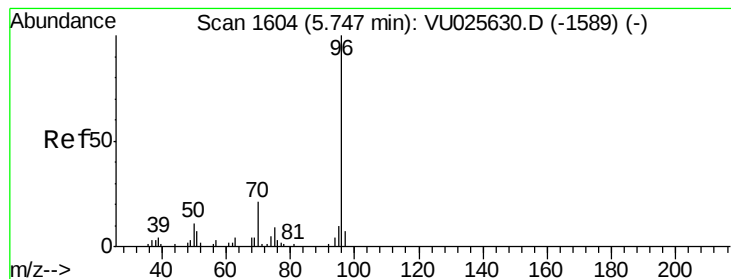
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
 Data File : VU025629.D
 Acq On : 25 Jul 2018 11:02
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 25 11:51:09 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)
43) Dibromomethane	6.56	93	28850	5.796	ug/l	97
44) Bromodichloromethane	6.76	83	72347	5.784	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	161969	27.530	ug/l	97
46) t-1,4-Dichloro-2-butene	10.50	75	33300	19.144	ug/l #	65
47) Methyl methacrylate	6.63	69	47752	10.587	ug/l	95
48) Ethyl methacrylate	8.02	69	49287	6.250	ug/l	97
49) Toluene	7.64	92	130722	5.363	ug/l	97
50) t-1,3-Dichloropropene	7.89	75	66814	6.258	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	78697	5.663	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	37320	5.269	ug/l	98
53) 1,3-Dichloropropane	8.25	76	66047	5.245	ug/l	100
54) 2-Hexanone	8.37	43	114061	28.460	ug/l	99
55) Dibromochloromethane	8.48	129	49372	6.362	ug/l	98
56) 1,2-Dibromoethane	8.59	107	38205	6.260	ug/l	96
58) Tetrachloroethene	8.23	164	57006	5.519	ug/l	98
59) Chlorobenzene	9.12	112	148793	5.703	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	55036	6.210	ug/l	98
61) Pentachloroethane	11.10	117	41818	6.648	ug/l	96
62) Hexachloroethane	12.15	117	44005	7.289	ug/l	96
63) Ethyl Benzene	9.25	91	254565	5.870	ug/l	100
64) m/p-Xylenes	9.38	106	199971	11.956	ug/l	99
65) o-Xylene	9.78	106	94421	5.862	ug/l	100
66) Styrene	9.80	104	162755	6.128	ug/l	99
67) Bromoform	9.96	173	29149	7.191	ug/l #	99
69) Isopropylbenzene	10.17	105	256145	6.174	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	48323	6.053	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	33300	5.828	ug/l #	94
72) Bromobenzene	10.45	156	65001	6.293	ug/l	97
73) n-propylbenzene	10.59	120	74143	6.465	ug/l	92
74) 2-Chlorotoluene	10.66	126	63189	6.231	ug/l	90
75) 1,3,5-Trimethylbenzene	10.78	105	226336	6.475	ug/l	99
76) 4-Chlorotoluene	10.78	126	65504	6.235	ug/l	99
77) tert-Butylbenzene	11.10	119	220841	6.744	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	235597	6.676	ug/l	99
79) sec-Butylbenzene	11.33	105	293363	6.398	ug/l	97
80) Nitrobenzene	12.87	77	7199	25.963	ug/l #	96
81) p-Isopropyltoluene	11.48	119	249531	6.622	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	135534	6.575	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	136212	6.616	ug/l	99
84) n-Butylbenzene	11.89	91	236974	6.442	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	122789	6.597	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	8394	7.451	ug/l	93
87) 1,2,4-Trichlorobenzene	13.51	180	87402	6.492	ug/l	100
88) Hexachlorobutadiene	13.70	225	52555	6.439	ug/l	98
89) Naphthalene	13.75	128	142250	7.017	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	80335	6.357	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 37562

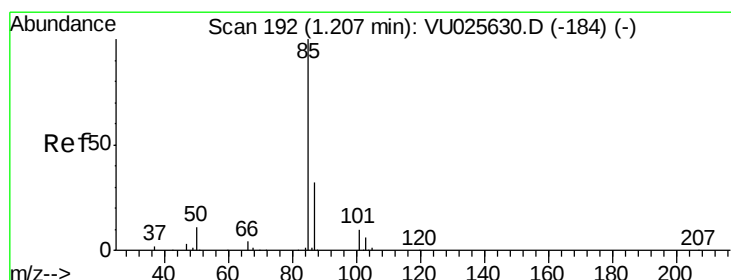
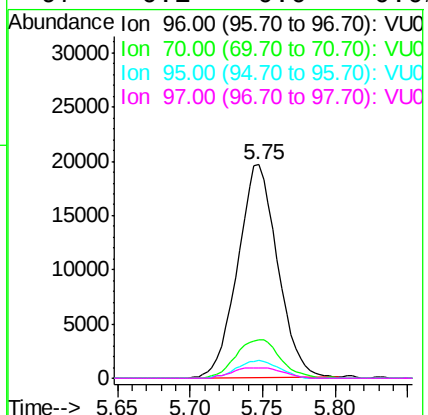
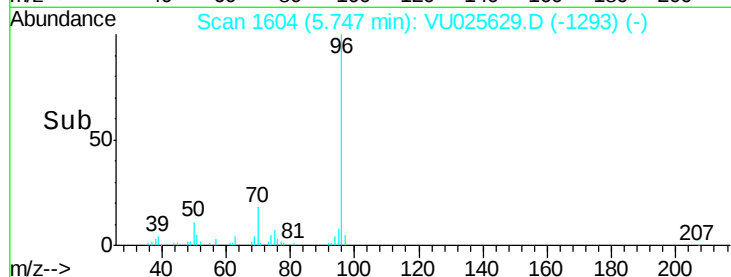
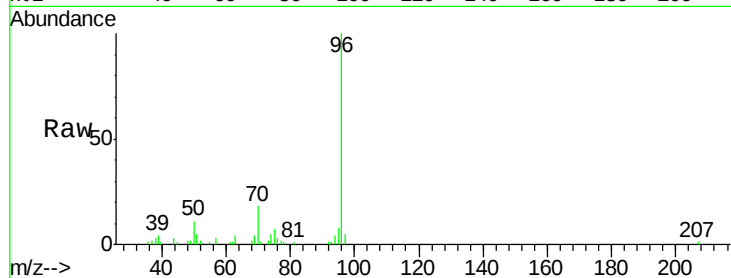
Ion Ratio Lower Upper

96 100

70 19.8 16.2 24.4

95 8.8 6.9 10.3

97 6.1 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 5.562 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU025629.D

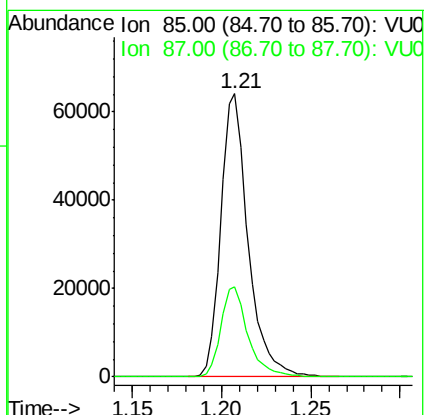
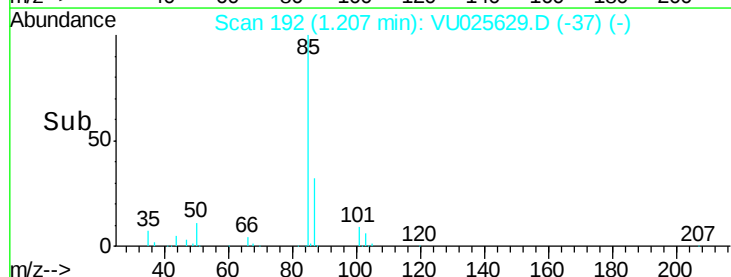
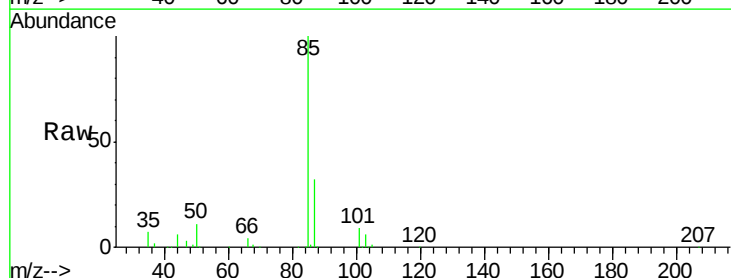
Acq: 25 Jul 2018 11:02

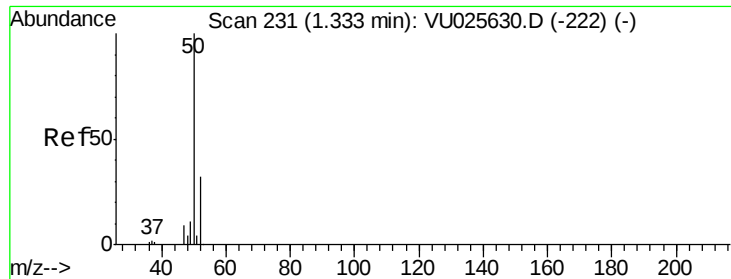
Tgt Ion: 85 Resp: 67830

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5





#3

Chloromethane

Concen: 4.408 ug/l

RT: 1.33 min Scan# 231

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

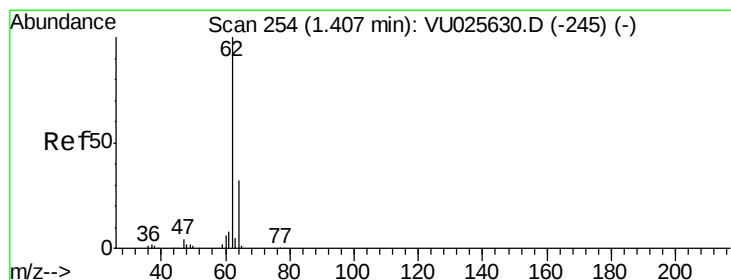
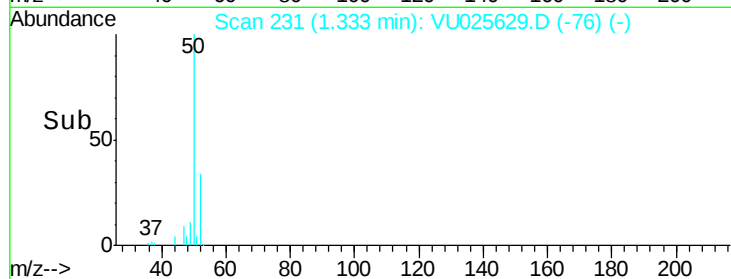
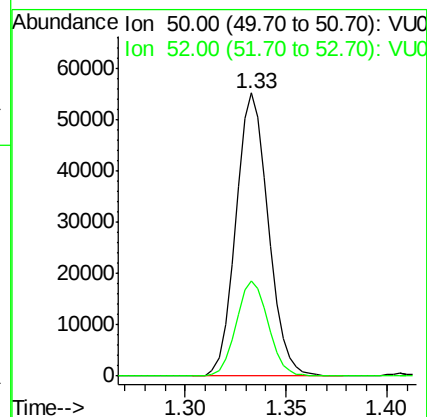
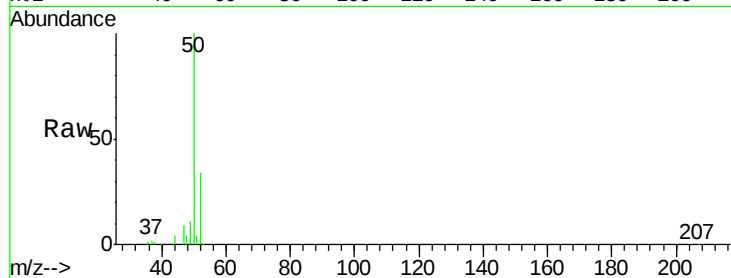
VSTDIC005

Tgt Ion: 50 Resp: 62293

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 4.333 ug/l

RT: 1.41 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU025629.D

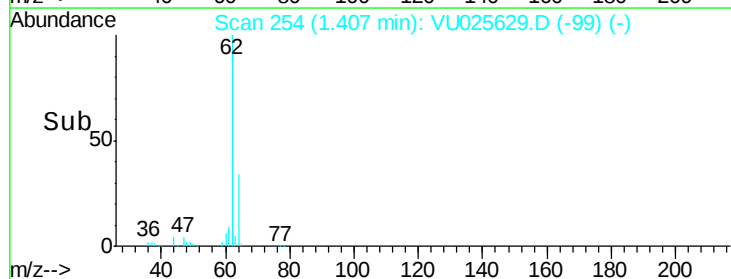
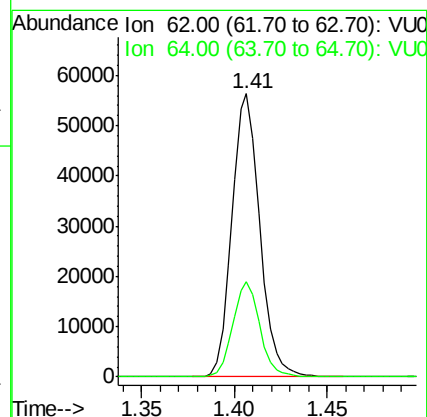
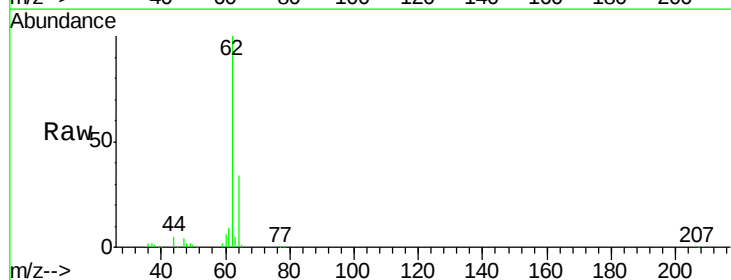
Acq: 25 Jul 2018 11:02

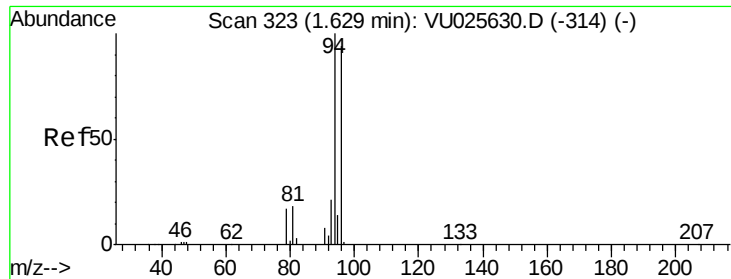
Tgt Ion: 62 Resp: 58741

Ion Ratio Lower Upper

62 100

64 33.8 25.8 38.8





#5

Bromomethane

Concen: 3.704 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

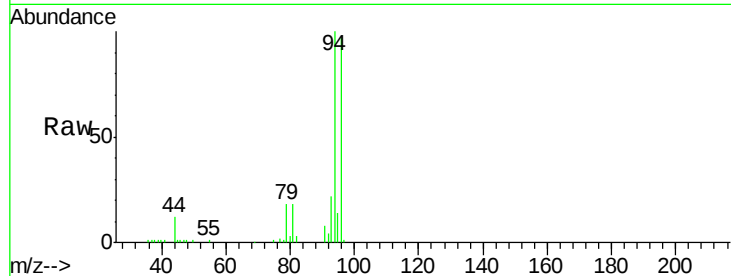
VSTDIC005

Tgt Ion: 94 Resp: 26843

Ion Ratio Lower Upper

94 100

96 96.8 75.1 112.7



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

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

1.63

25000

20000

15000

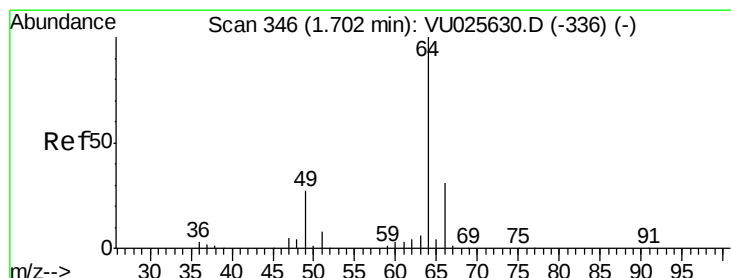
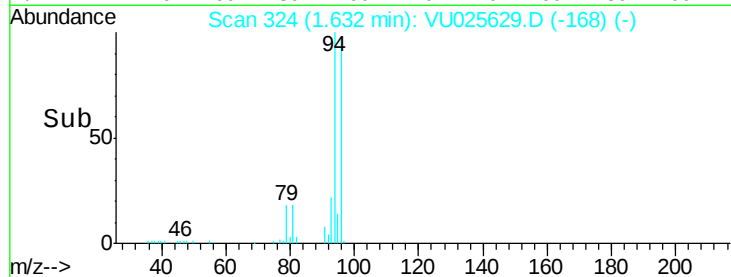
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 4.694 ug/l

RT: 1.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU025629.D

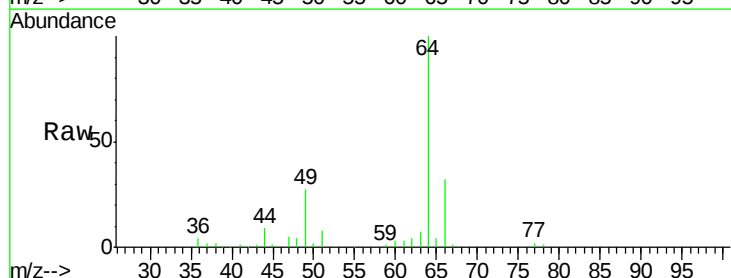
Acq: 25 Jul 2018 11:02

Tgt Ion: 64 Resp: 35420

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3



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

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

1.70

30000

25000

20000

15000

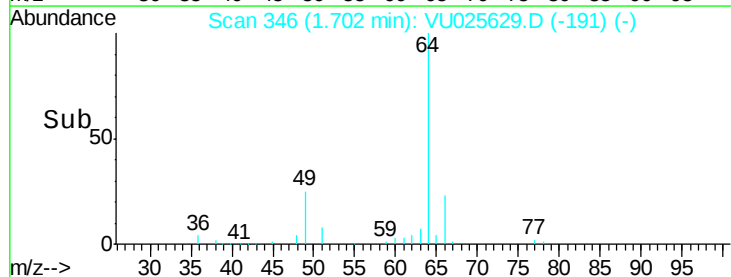
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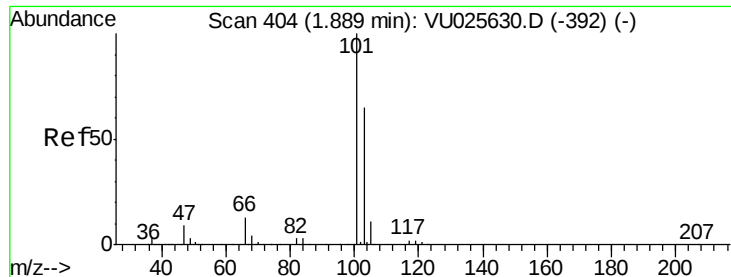
5000

0

Time-->

1.65 1.70 1.75





#7

Trichlorofluoromethane

Concen: 5.532 ug/l

RT: 1.89 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

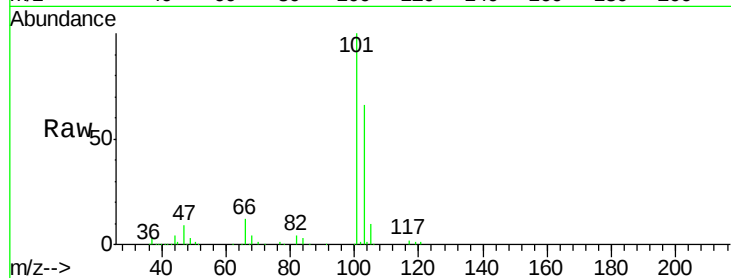
VSTDIC005

Tgt Ion:101 Resp: 86078

Ion Ratio Lower Upper

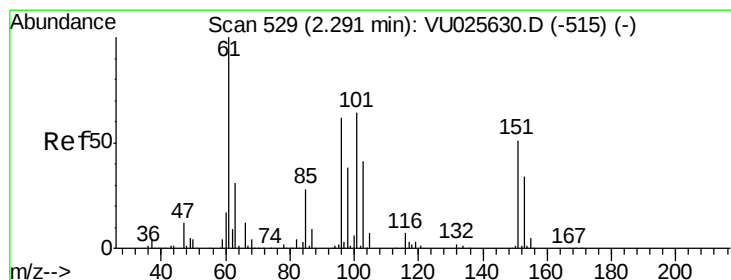
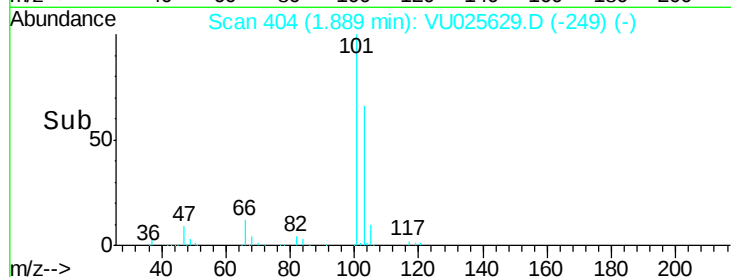
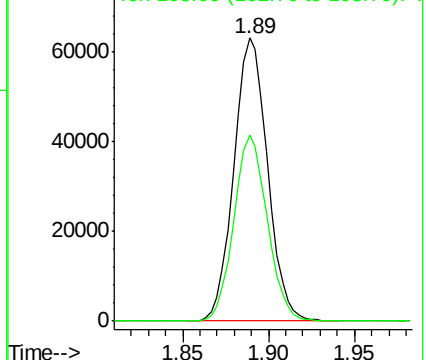
101 100

103 65.6 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.944 ug/l

RT: 2.29 min Scan# 529

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

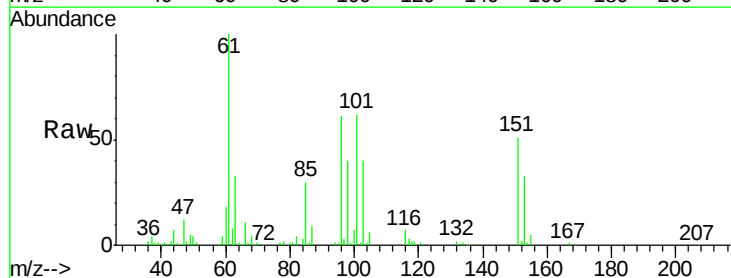
Tgt Ion:101 Resp: 47268

Ion Ratio Lower Upper

101 100

85 45.9 35.2 52.8

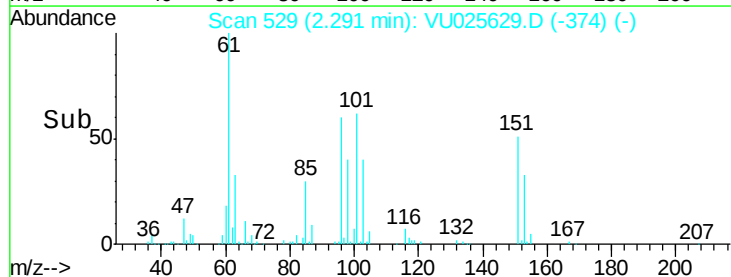
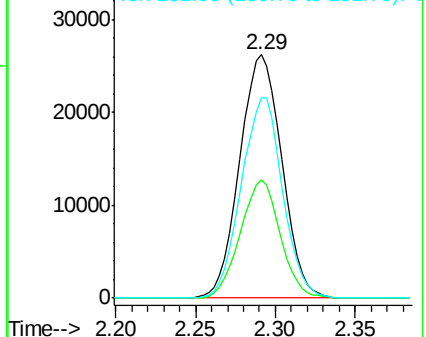
151 80.6 63.5 95.3

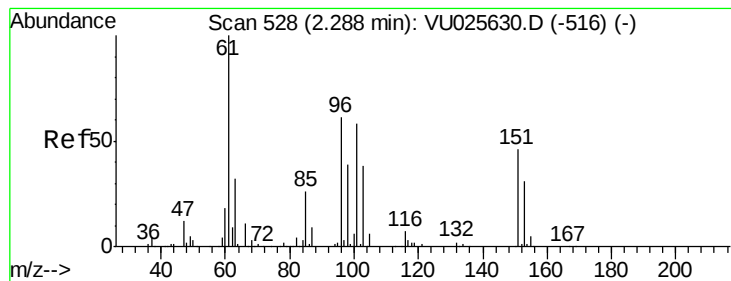


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 4.672 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

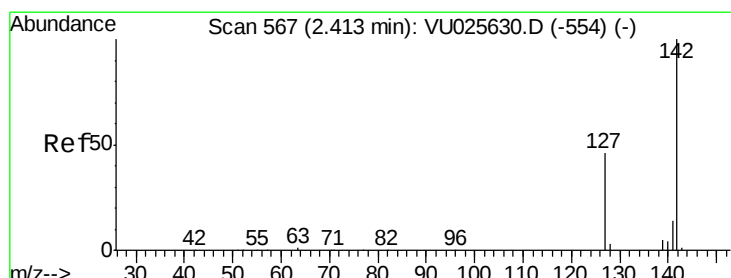
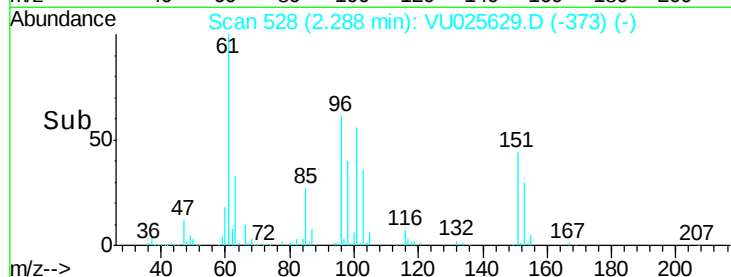
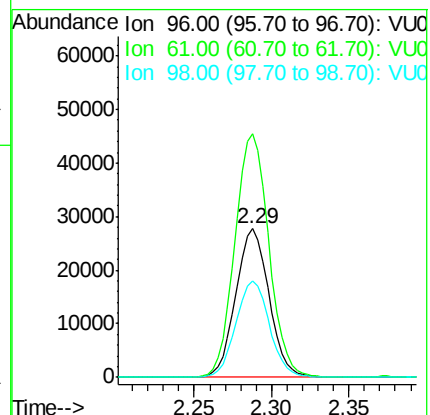
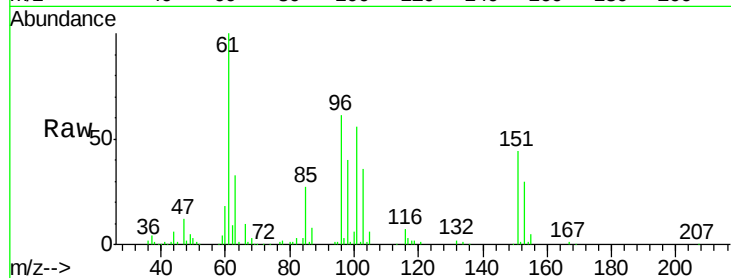
Tgt Ion: 96 Resp: 41465

Ion Ratio Lower Upper

96 100

61 164.0 0.0 526.5

98 65.0 0.0 123.4



#10

Iodomethane

Concen: 3.032 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU025629.D

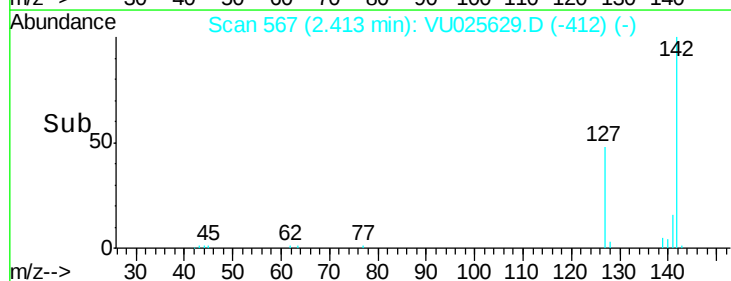
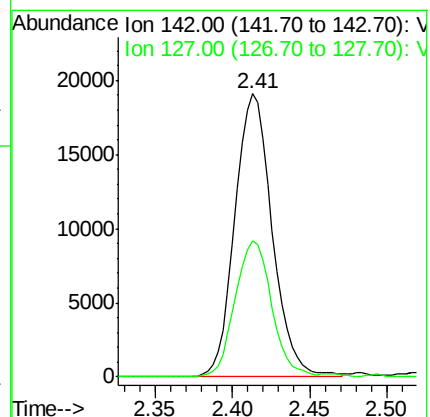
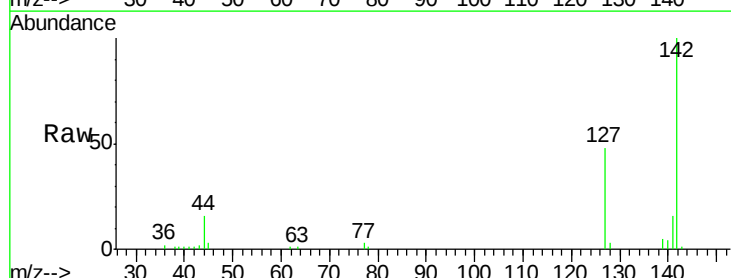
Acq: 25 Jul 2018 11:02

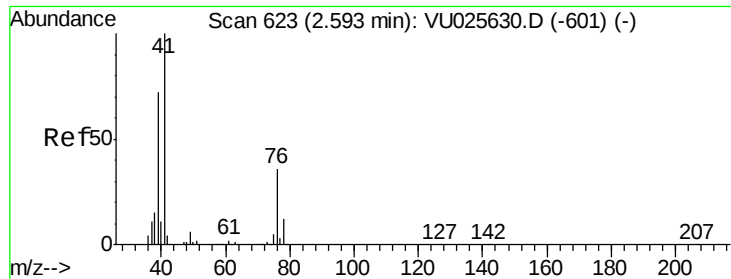
Tgt Ion: 142 Resp: 31997

Ion Ratio Lower Upper

142 100

127 47.1 34.5 51.7

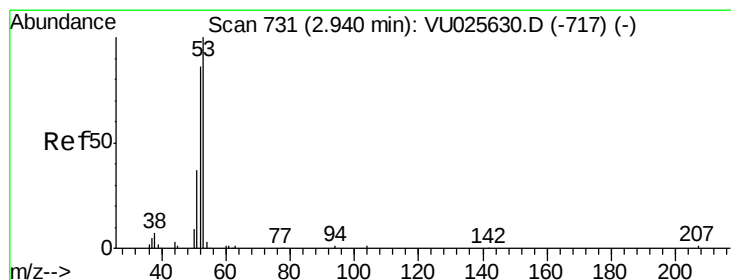
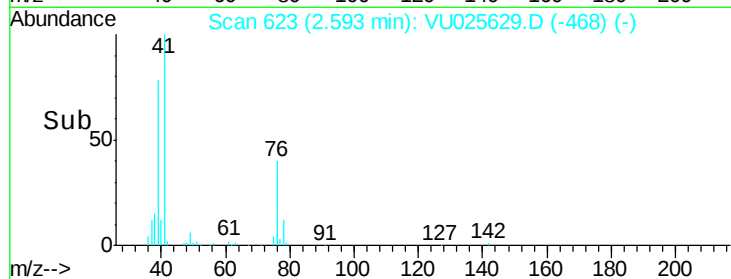
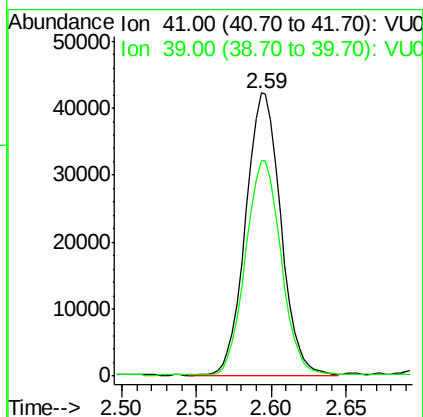
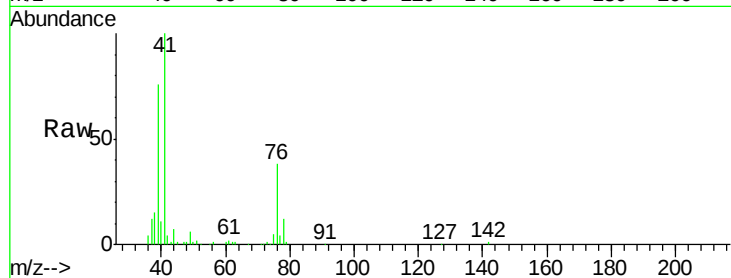




#11
 Allyl Chloride
 Concen: 4.220 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

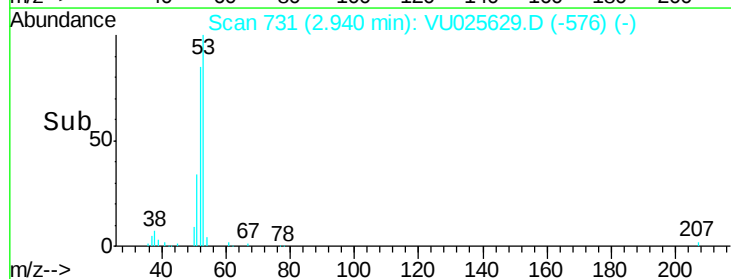
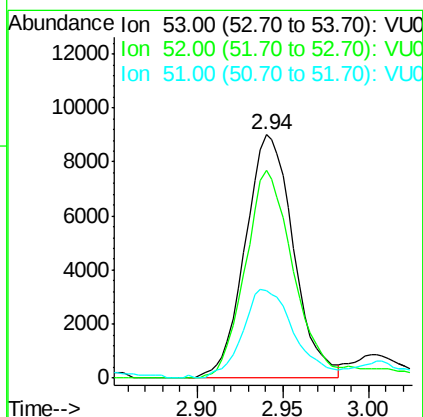
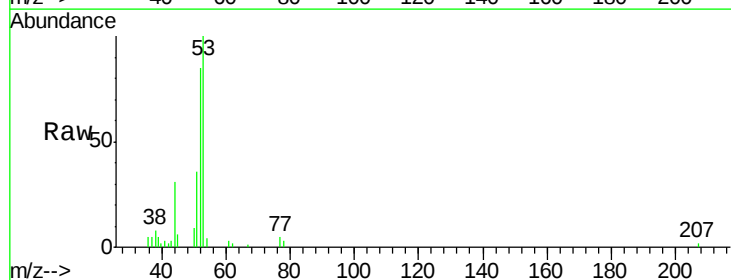
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

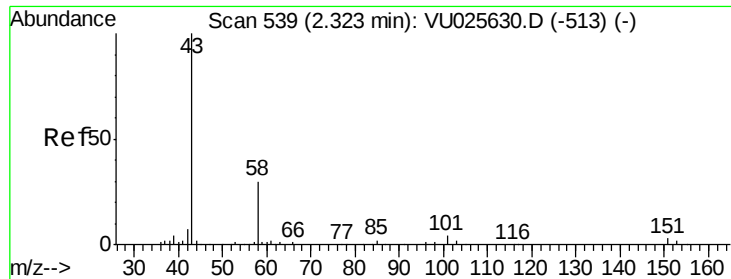
Tgt Ion: 41 Resp: 68849
 Ion Ratio Lower Upper
 41 100
 39 76.9 51.4 77.2



#12
 Acrylonitrile
 Concen: 9.560 ug/l
 RT: 2.94 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 53 Resp: 17511
 Ion Ratio Lower Upper
 53 100
 52 86.8 65.1 97.7
 51 39.0 30.2 45.4





#13

Acetone

Concen: 23.679 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

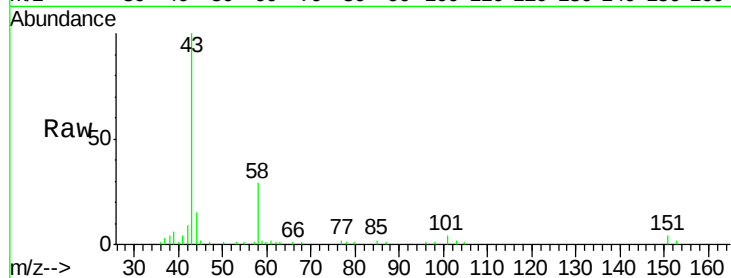
VSTDIC005

Tgt Ion: 43 Resp: 36810

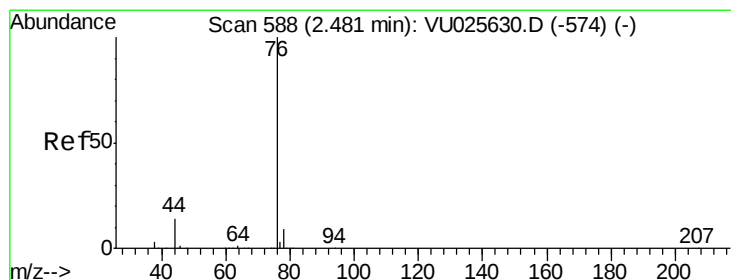
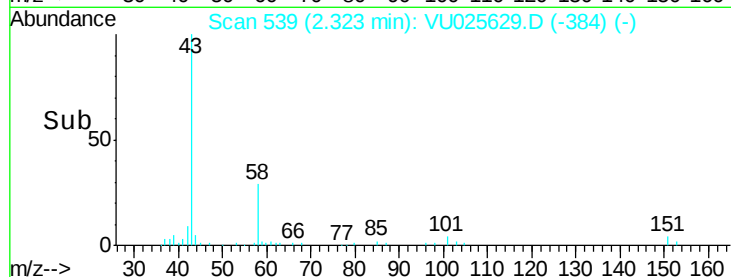
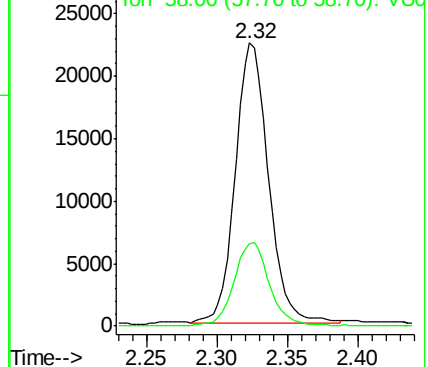
Ion Ratio Lower Upper

43 100

58 29.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU025629.D (-384) (-)



#14

Carbon Disulfide

Concen: 4.757 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025629.D

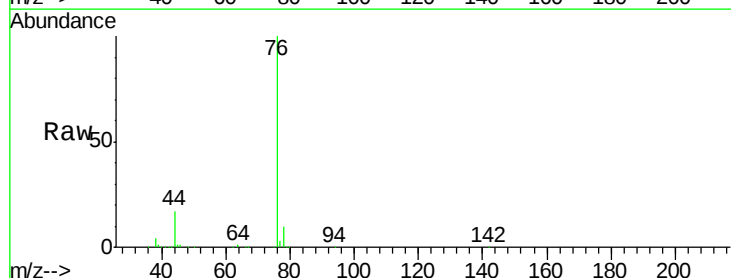
Acq: 25 Jul 2018 11:02

Tgt Ion: 76 Resp: 138912

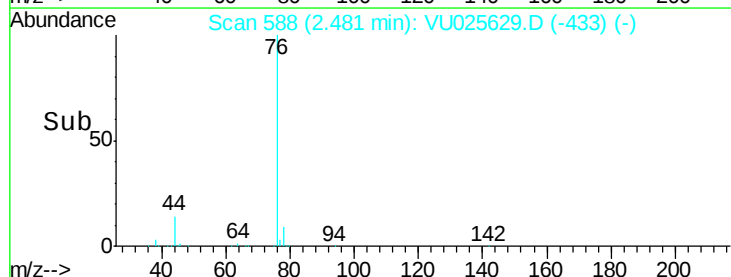
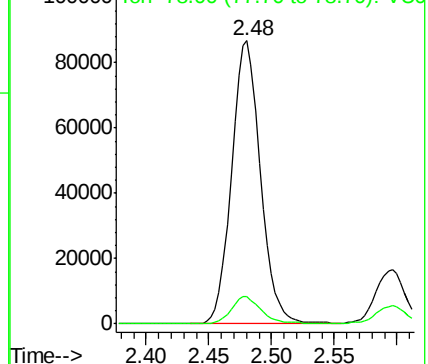
Ion Ratio Lower Upper

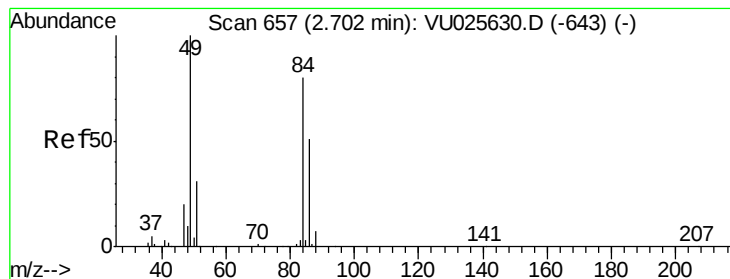
76 100

78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU025629.D (-433) (-)





#15

Methylene Chloride

Concen: 4.610 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 84 Resp: 46606

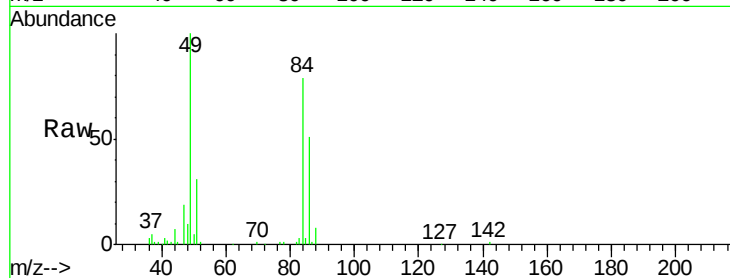
Ion Ratio Lower Upper

84 100

49 126.3 108.7 163.1

51 38.4 0.0 82.4

86 63.9 50.7 76.1

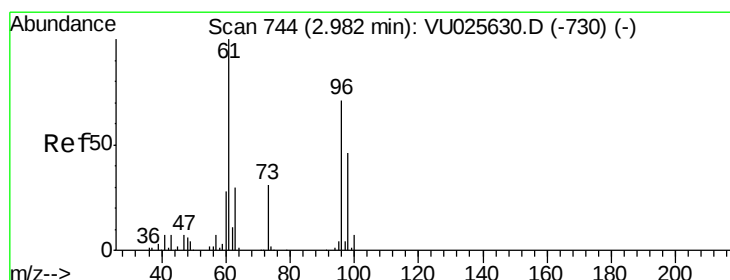
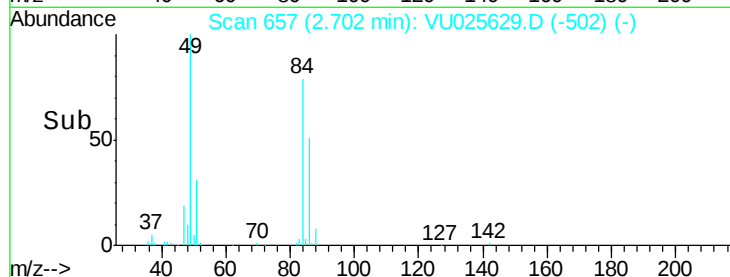
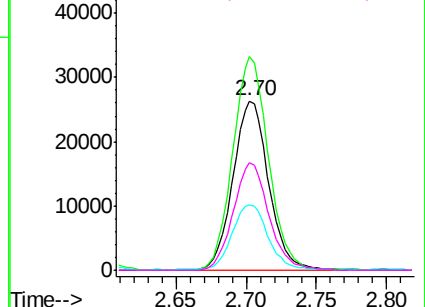


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 4.880 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

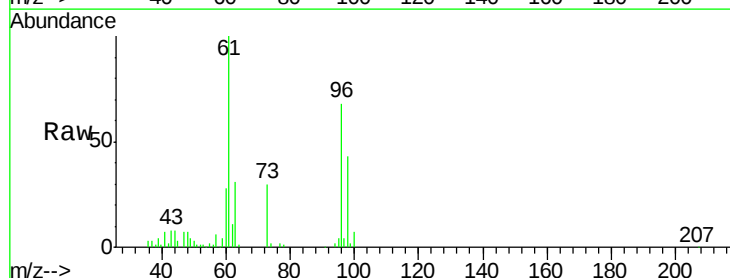
Tgt Ion: 96 Resp: 46403

Ion Ratio Lower Upper

96 100

61 146.6 123.9 185.9

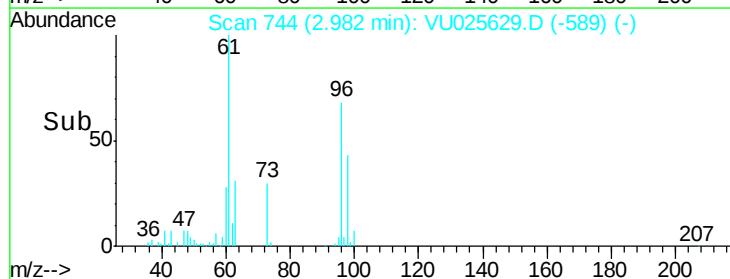
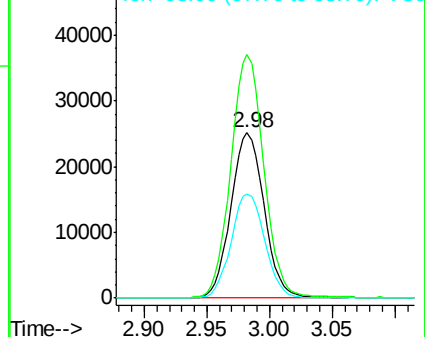
98 62.7 50.6 76.0

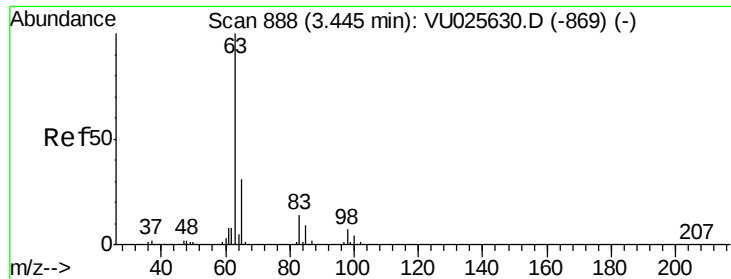


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

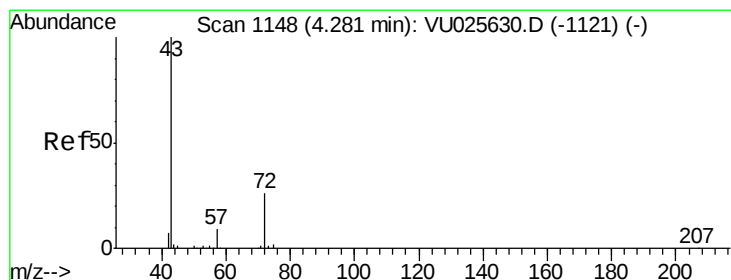
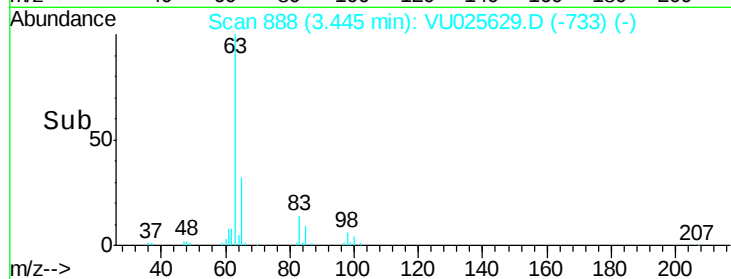
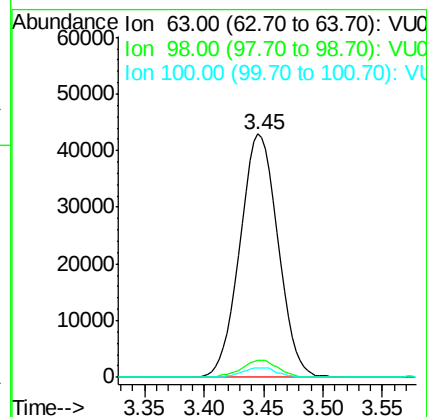
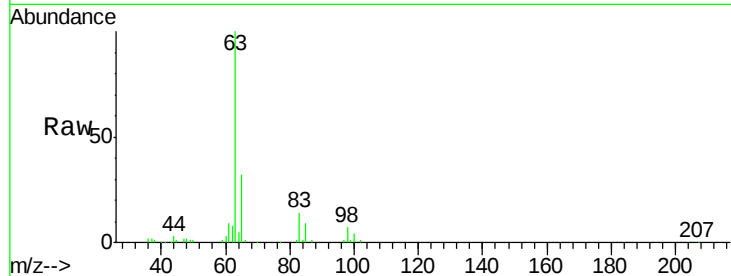




#17
 1,1-Dichloroethane
 Concen: 5.092 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

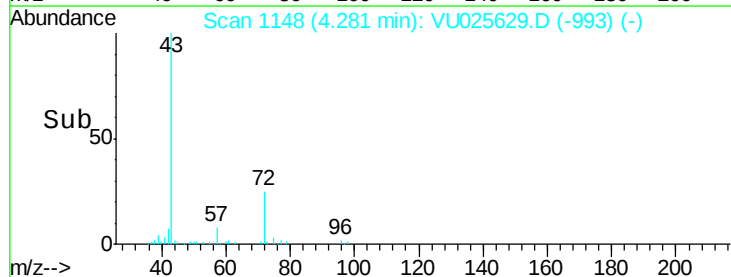
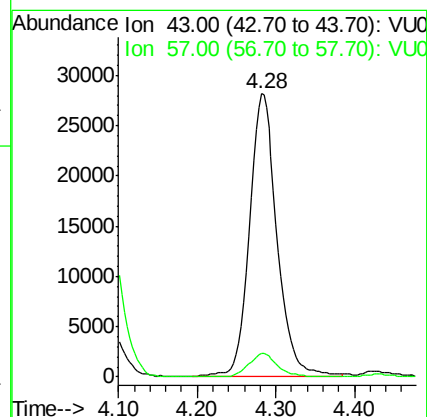
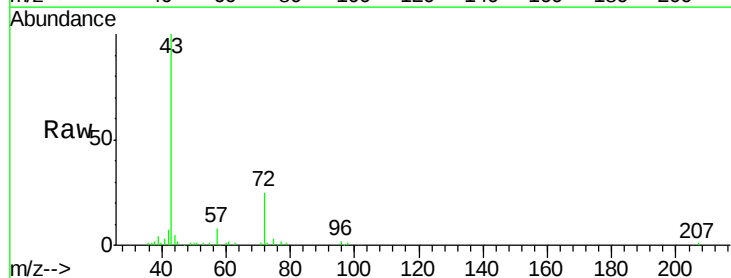
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

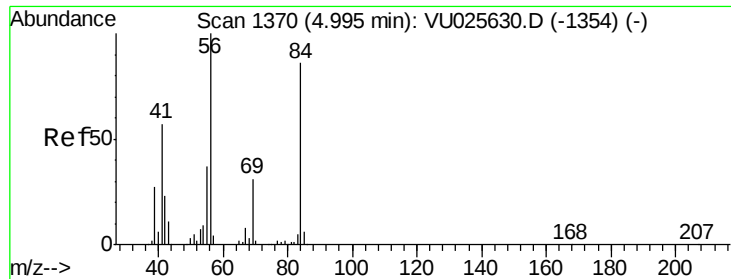
Tgt Ion: 63 Resp: 95379
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.8
 100 3.8 2.0 5.8



#18
 2-Butanone
 Concen: 27.900 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 43 Resp: 70084
 Ion Ratio Lower Upper
 43 100
 57 8.5 0.0 15.8

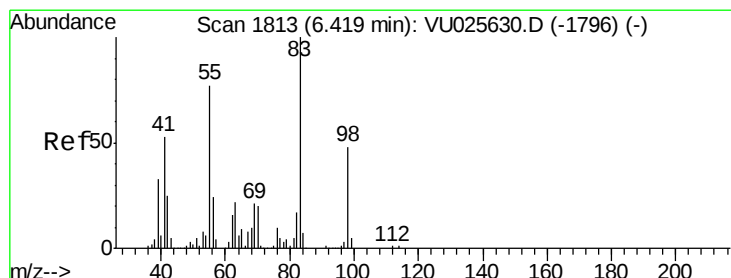
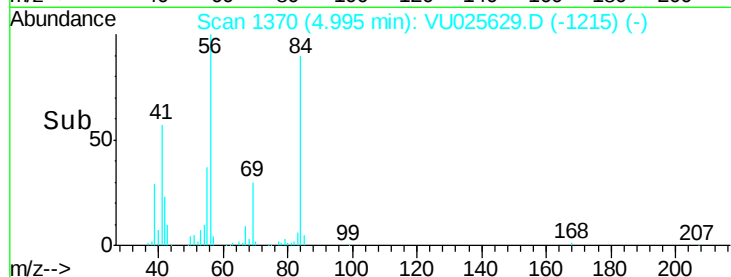
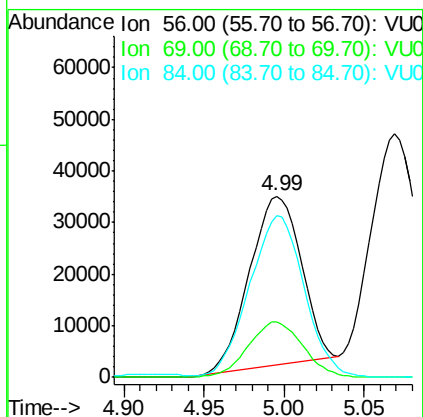
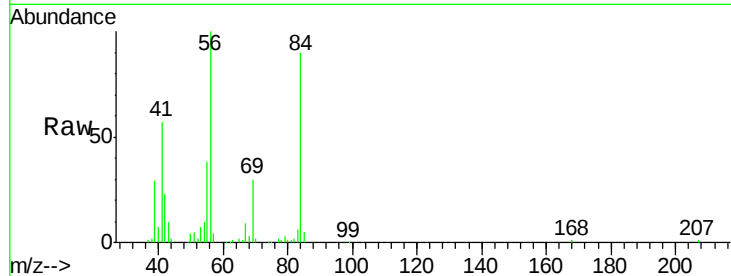




#19
Cyclohexane
Concen: 4.520 ug/l
RT: 4.99 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

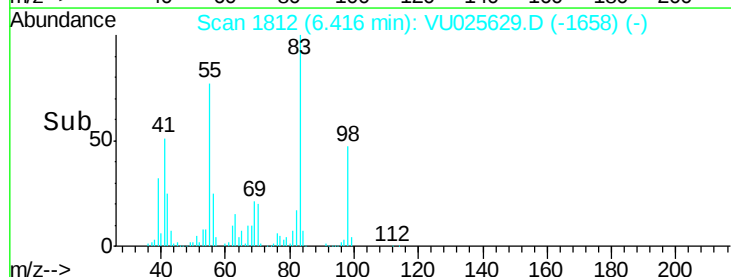
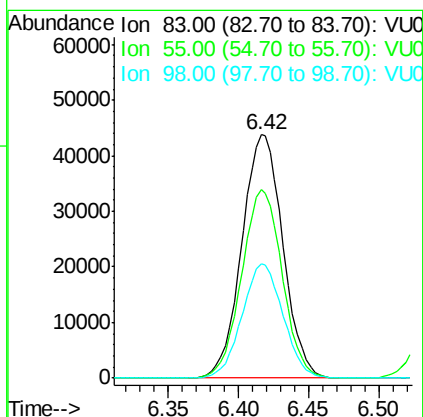
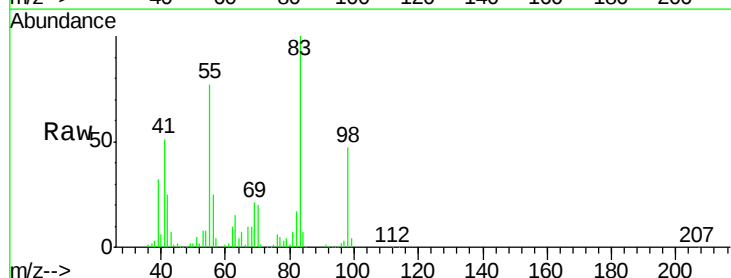
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

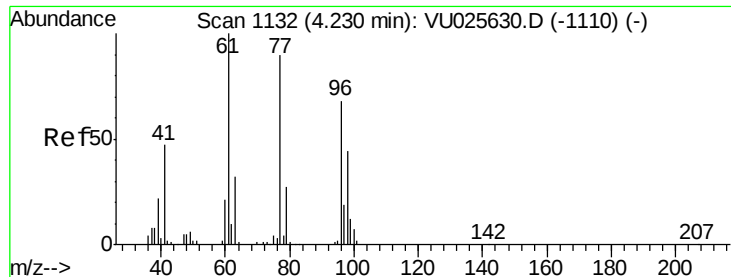
Tgt Ion: 56 Resp: 73143
Ion Ratio Lower Upper
56 100
69 34.7 26.0 39.0
84 100.5 68.3 102.5



#20
Methylcyclohexane
Concen: 5.387 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 83 Resp: 88949
Ion Ratio Lower Upper
83 100
55 76.7 66.4 99.6
98 46.9 35.4 53.2

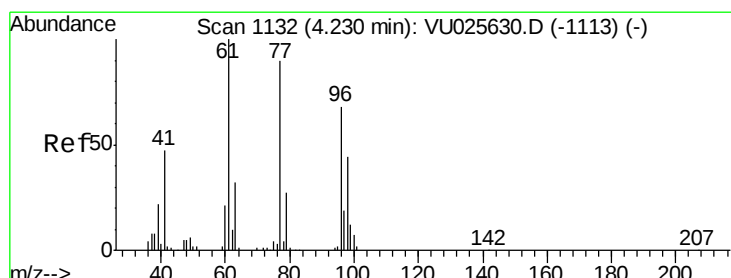
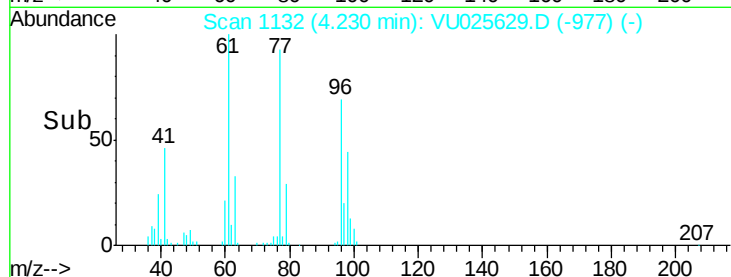
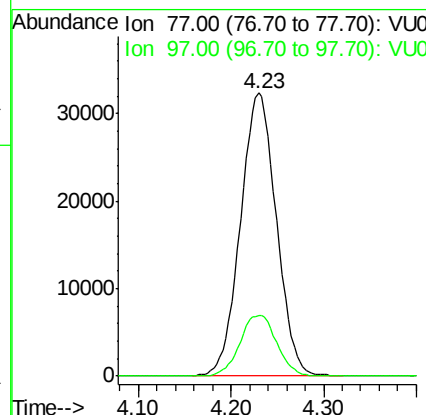
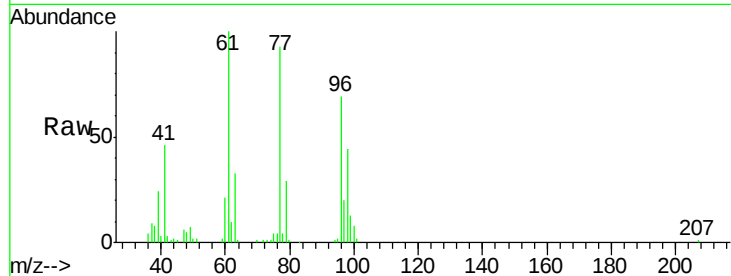




#21
 2,2-Dichloropropane
 Concen: 5.850 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

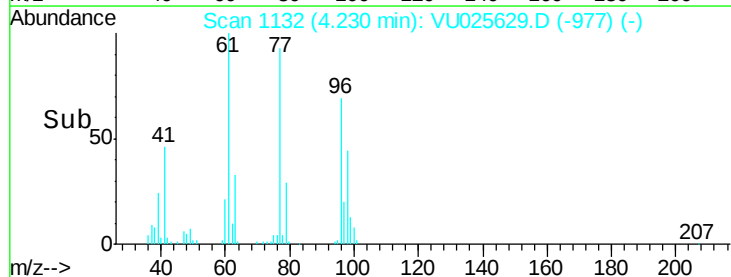
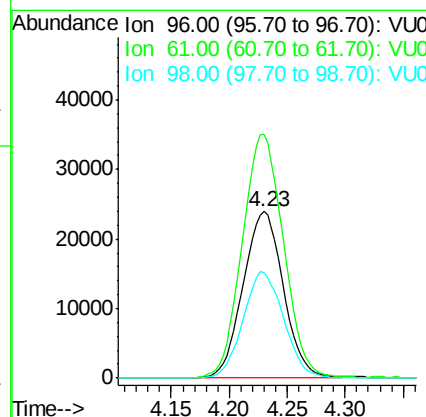
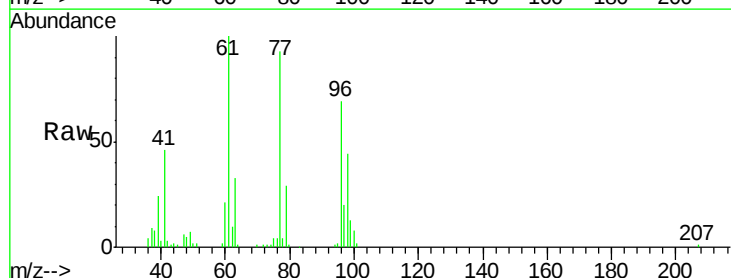
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

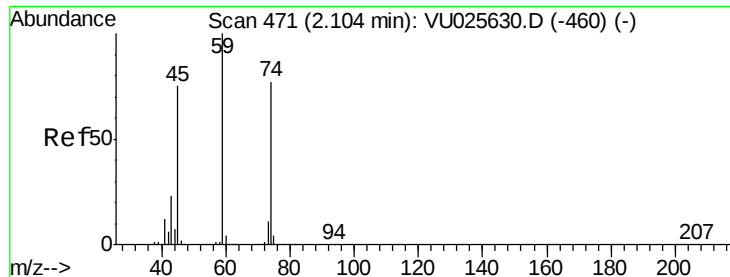
Tgt Ion: 77 Resp: 86895
 Ion Ratio Lower Upper
 77 100
 97 21.9 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 5.649 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 96 Resp: 58133
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 400.5
 98 63.9 32.2 96.6

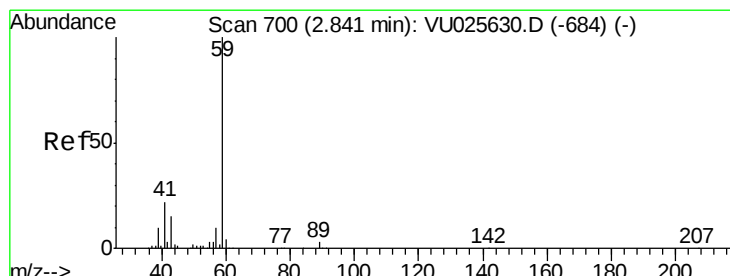
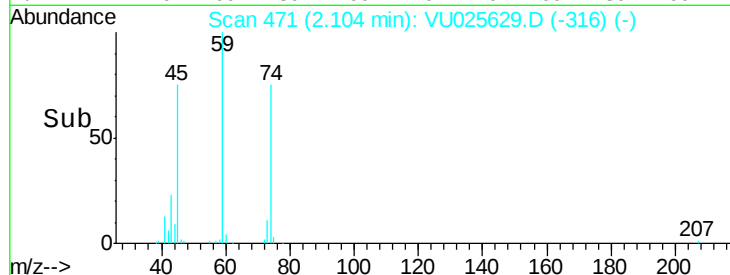
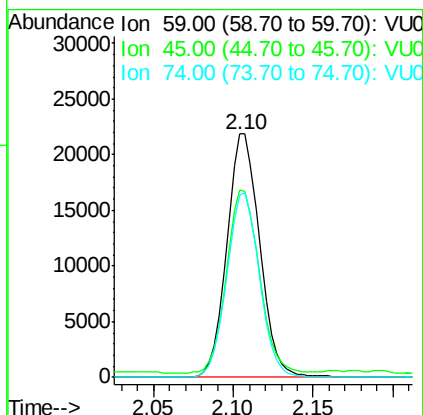
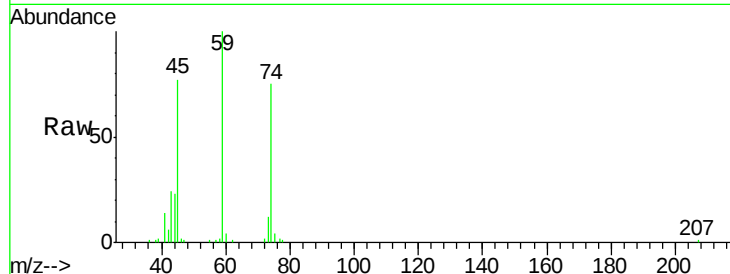




#23
Diethyl Ether
Concen: 4.214 ug/l
RT: 2.10 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

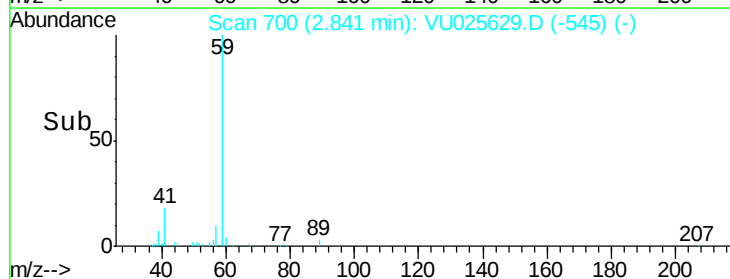
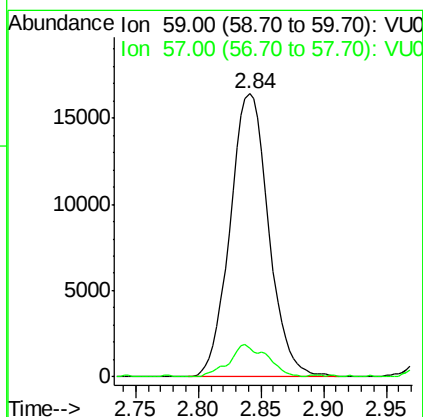
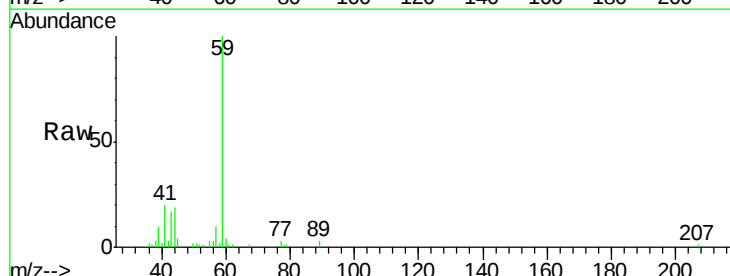
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

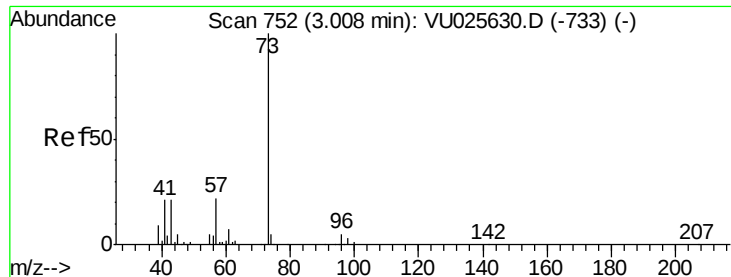
Tgt Ion: 59 Resp: 30578
Ion Ratio Lower Upper
59 100
45 76.0 60.0 90.0
74 75.1 56.5 84.7



#24
tert-Butyl Alcohol
Concen: 64.276 ug/l
RT: 2.84 min Scan# 700
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 59 Resp: 35169
Ion Ratio Lower Upper
59 100
57 11.3 3.4 5.2#

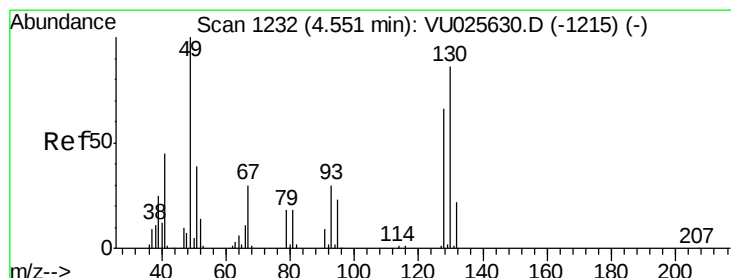
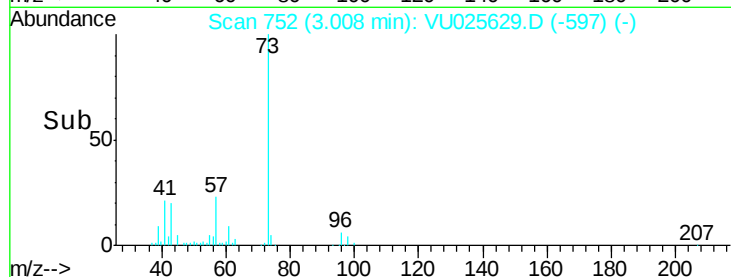
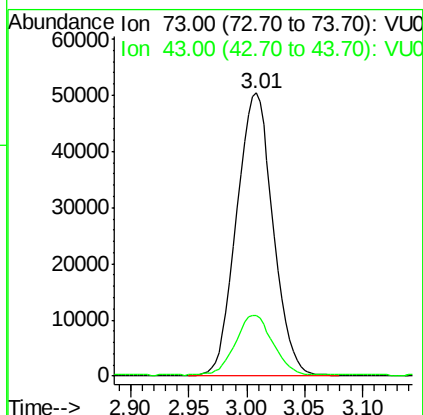
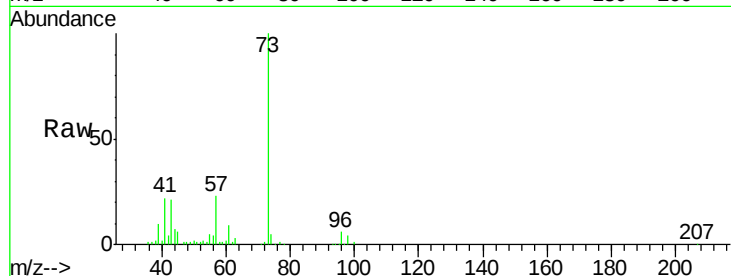




#25
Methyl tert-Butyl Ether
Concen: 4.951 ug/l
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

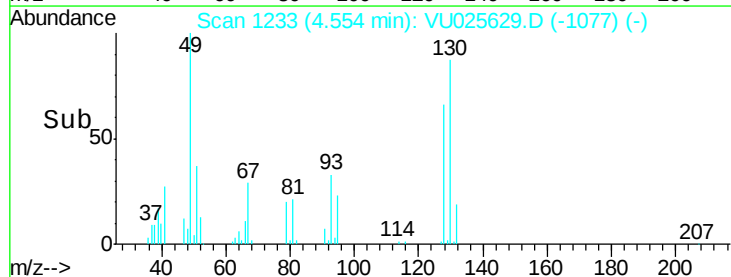
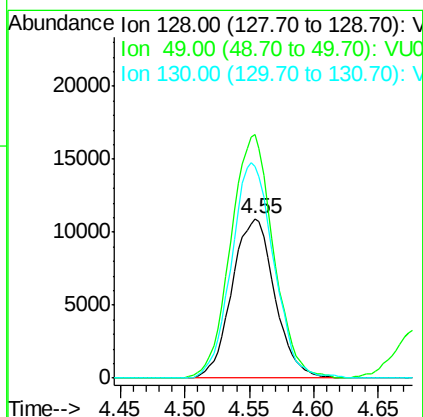
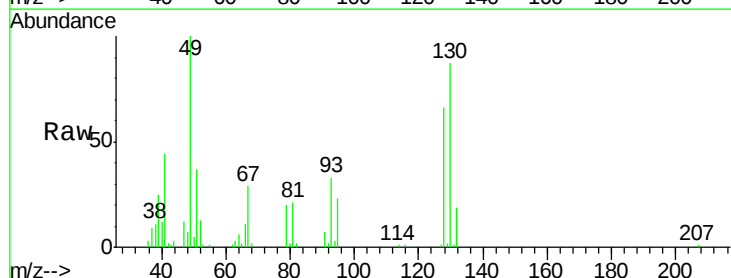
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

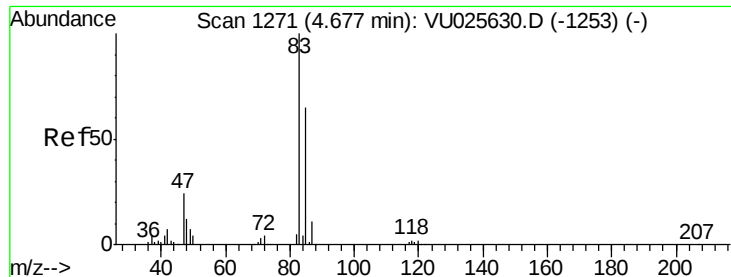
Tgt Ion: 73 Resp: 110426
Ion Ratio Lower Upper
73 100
43 21.6 16.2 24.2



#26
Bromochloromethane
Concen: 6.189 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 128 Resp: 25165
Ion Ratio Lower Upper
128 100
49 152.5 0.0 375.2
130 133.8 105.8 158.6





#27

Chloroform

Concen: 5.713 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

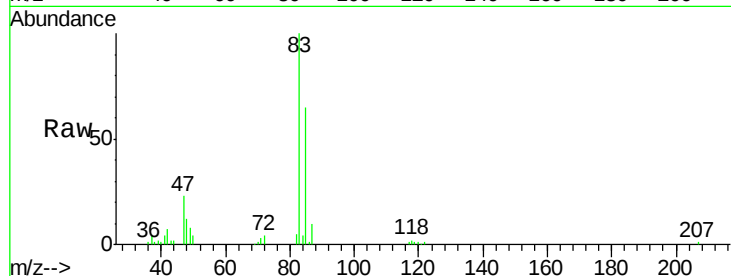
VSTDIC005

Tgt Ion: 83 Resp: 100774

Ion Ratio Lower Upper

83 100

85 65.0 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

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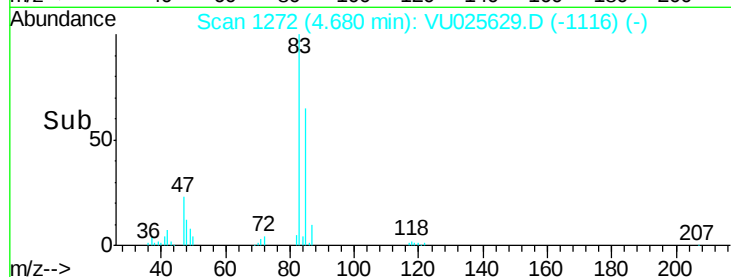
4.68

4.68

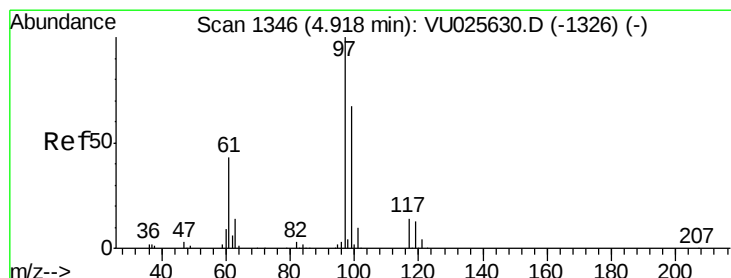
4.68

4.68

4.68



Time-->



#28

1,1,1-Trichloroethane

Concen: 6.219 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

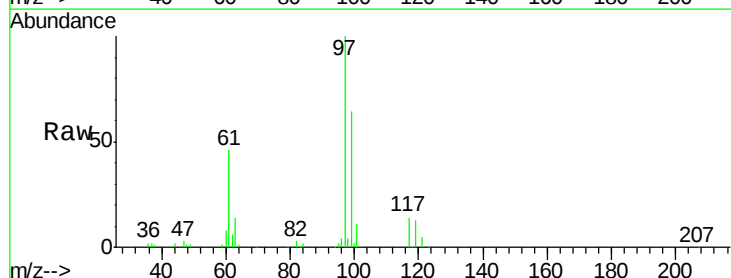
Tgt Ion: 97 Resp: 89984

Ion Ratio Lower Upper

97 100

99 65.3 32.3 96.9

61 45.2 23.2 69.5



Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

4.92

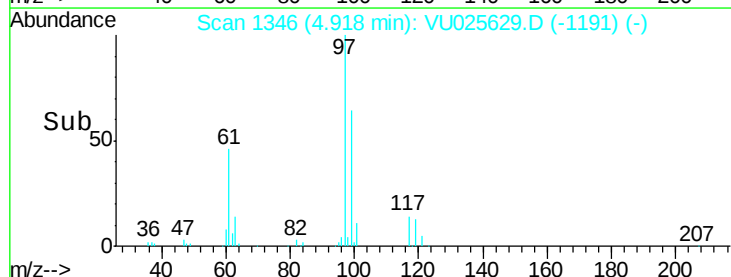
4.92

4.92

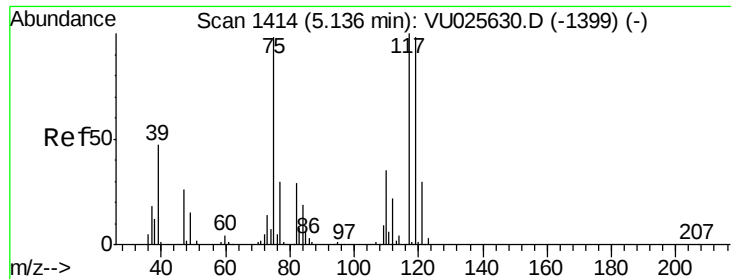
4.92

4.92

4.92



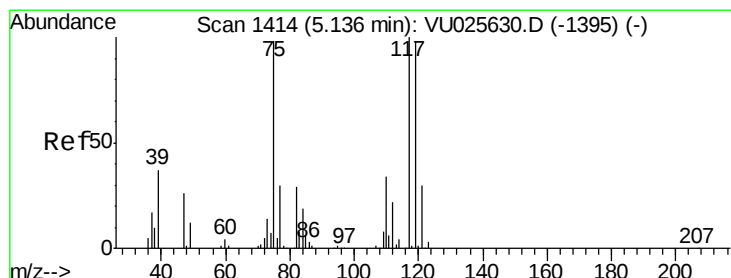
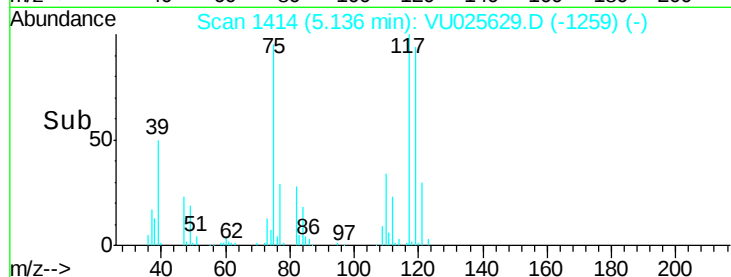
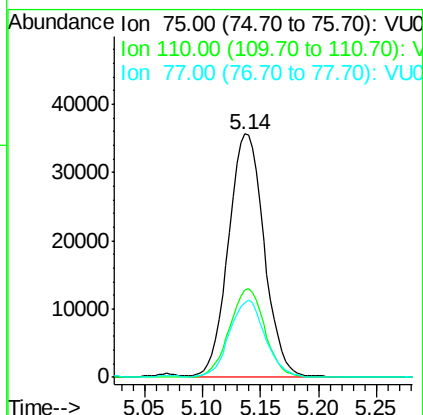
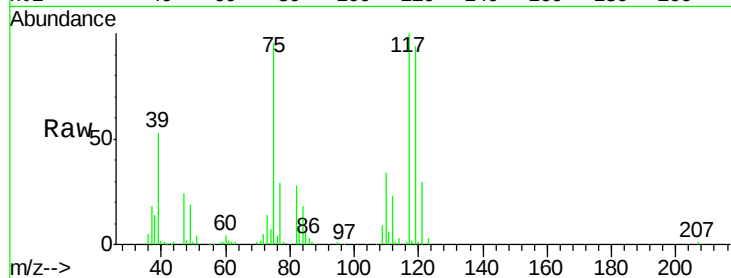
Time-->



#29
 1,1-Dichloropropene
 Concen: 5.379 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

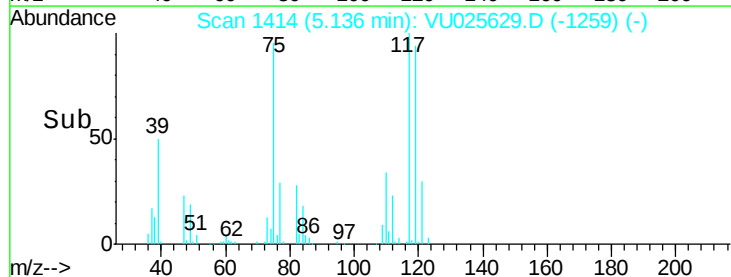
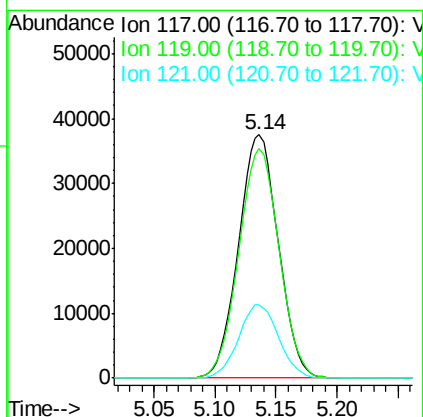
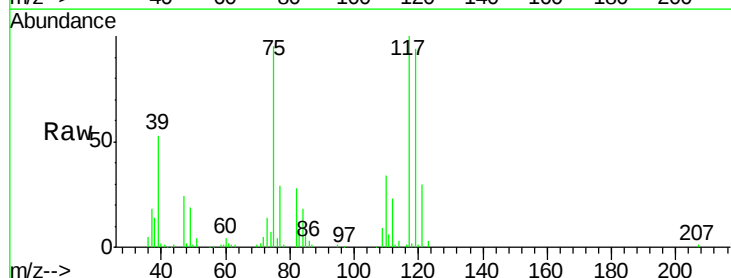
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

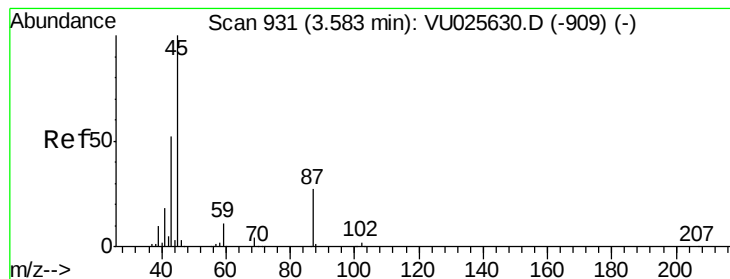
Tgt Ion: 75 Resp: 76371
 Ion Ratio Lower Upper
 75 100
 110 36.0 16.9 50.7
 77 31.7 24.8 37.2



#30
 Carbon Tetrachloride
 Concen: 6.950 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 117 Resp: 84617
 Ion Ratio Lower Upper
 117 100
 119 94.4 77.3 115.9
 121 30.0 24.5 36.7





#31

Isopropyl Ether

Concen: 4.690 ug/l

RT: 3.58 min Scan# 931

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

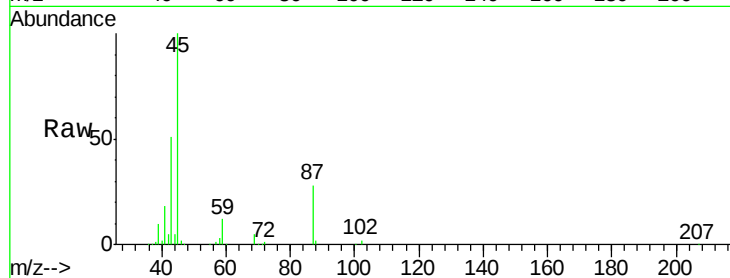
VSTDIC005

Tgt Ion: 45 Resp: 148285

Ion Ratio Lower Upper

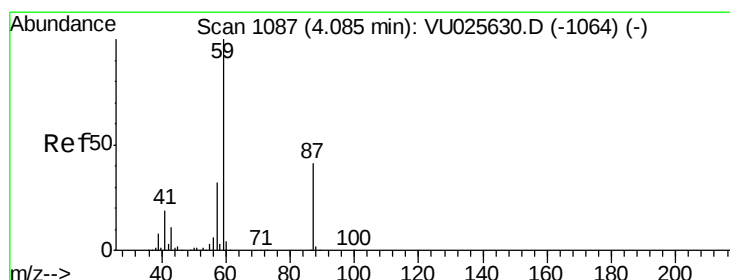
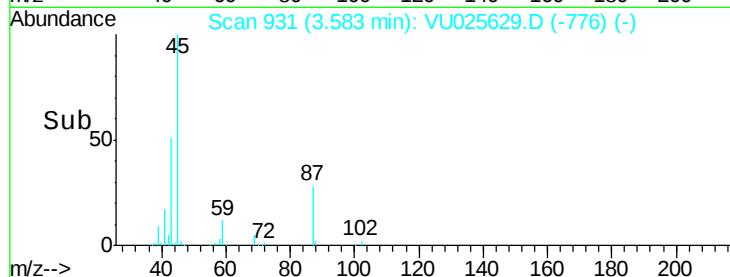
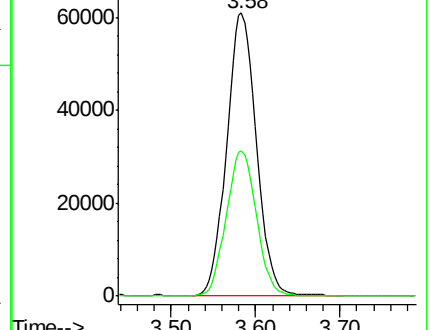
45 100

43 52.7 24.0 72.0



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

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



#32

Ethyl-t-butyl ether

Concen: 5.131 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025629.D

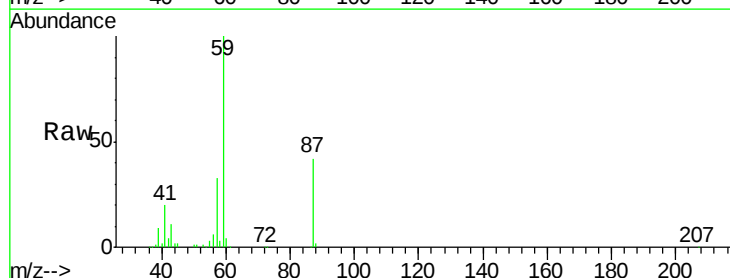
Acq: 25 Jul 2018 11:02

Tgt Ion: 59 Resp: 138627

Ion Ratio Lower Upper

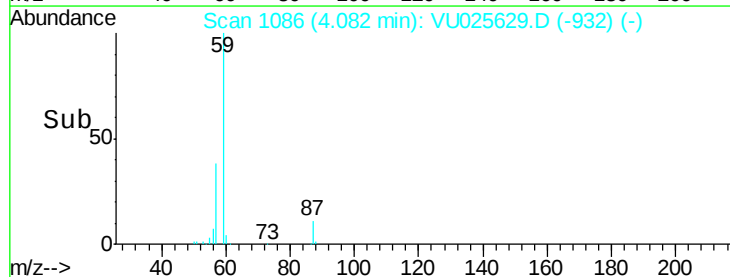
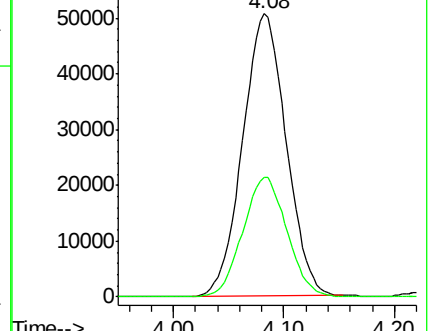
59 100

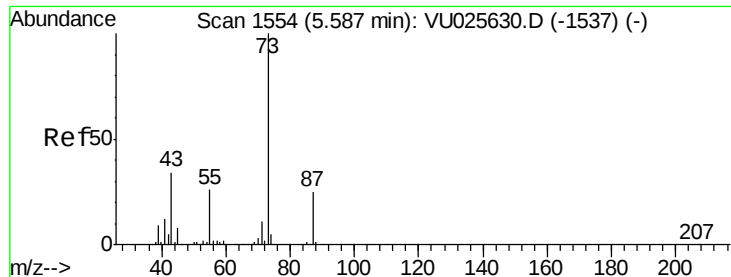
87 42.9 31.0 46.6



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

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





#33

Tert-Amyl methyl ether

Concen: 5.494 ug/l

RT: 5.59 min Scan# 1555

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

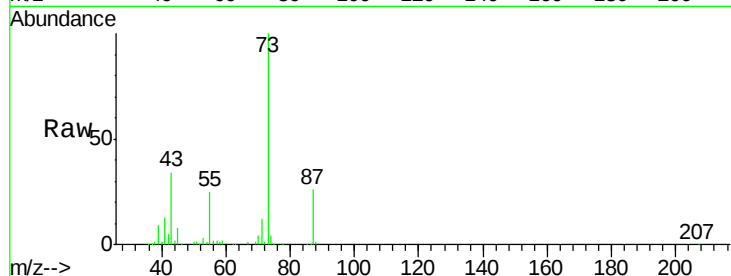
Tgt Ion: 73 Resp: 125625

Ion Ratio Lower Upper

73 100

87 25.3 18.6 28.0

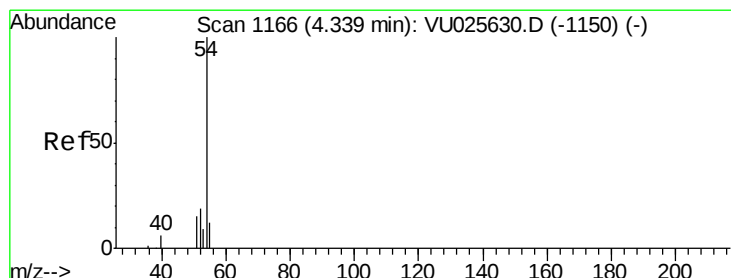
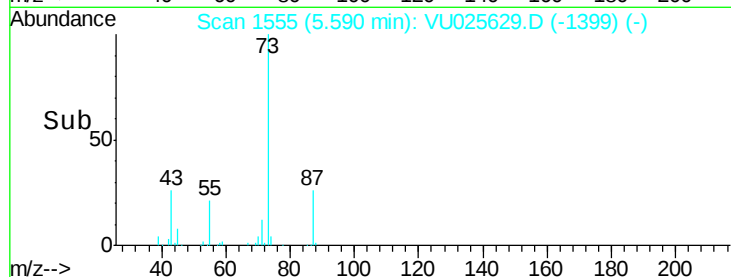
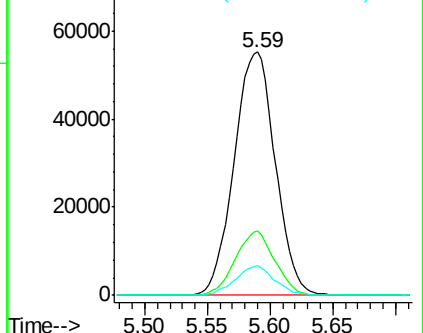
71 11.6 9.3 13.9



Abundance Ion 73.00 (72.70 to 73.70): VU025629.D (-1399) (-)

Ion 87.00 (86.70 to 87.70): VU025629.D (-1399) (-)

Ion 71.00 (70.70 to 71.70): VU025629.D (-1399) (-)



#34

Propionitrile

Concen: 26.787 ug/l

RT: 4.34 min Scan# 1166

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Tgt Ion: 54 Resp: 19159

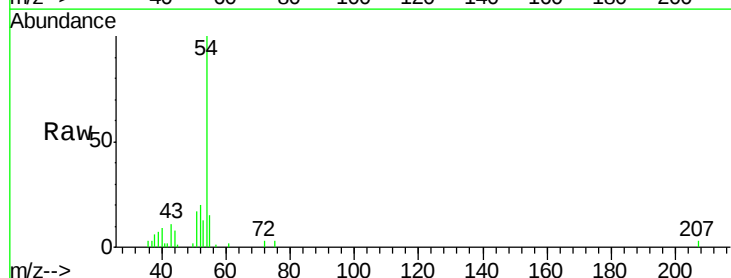
Ion Ratio Lower Upper

54 100

52 21.6 13.7 20.5#

55 15.0 10.2 15.2

40 8.1 3.5 5.3#

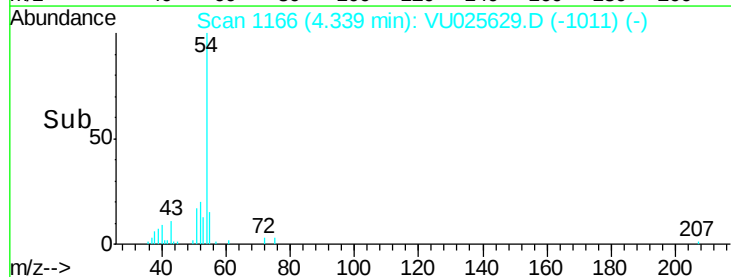
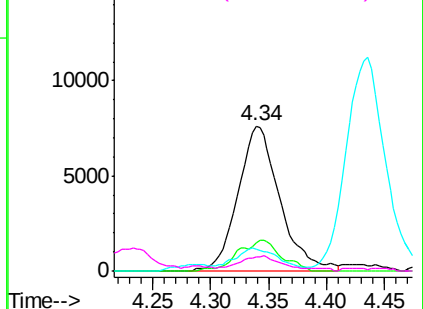


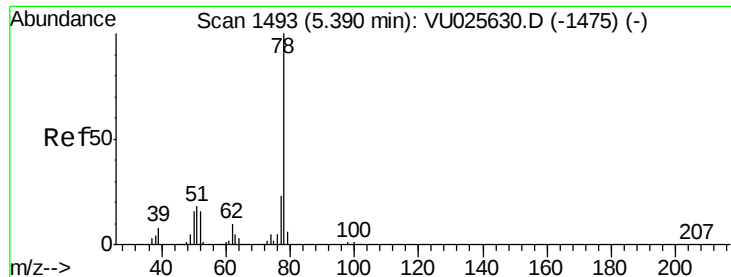
Abundance Ion 54.00 (53.70 to 54.70): VU025629.D (-1011) (-)

Ion 52.00 (51.70 to 52.70): VU025629.D (-1011) (-)

Ion 55.00 (54.70 to 55.70): VU025629.D (-1011) (-)

Ion 40.00 (39.70 to 40.70): VU025629.D (-1011) (-)





#35

Benzene

Concen: 4.968 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

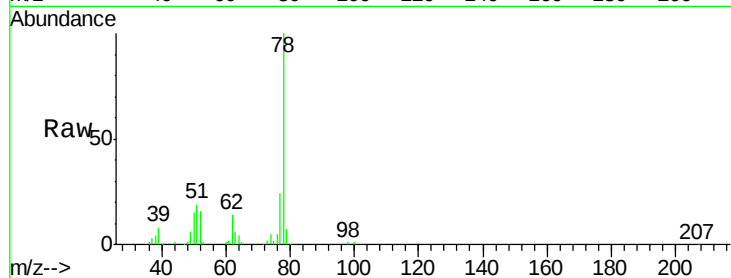
VSTDIC005

Tgt Ion: 78 Resp: 209644

Ion Ratio Lower Upper

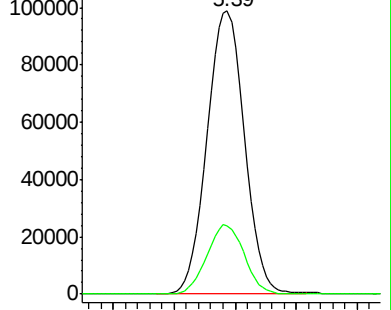
78 100

77 24.3 19.1 28.7

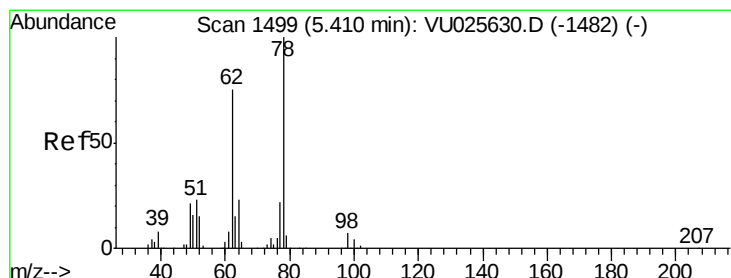
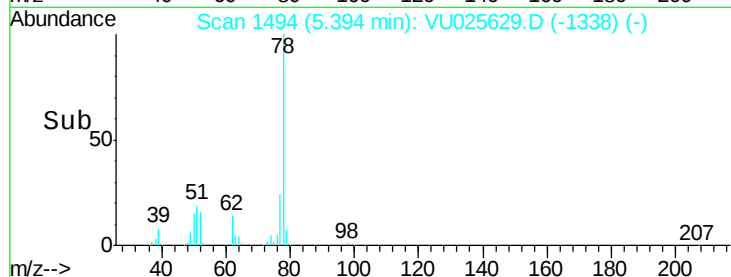


Abundance Ion 78.10 (77.80 to 78.80): VU025630.D (-1475) (-)

Ion 77.00 (76.70 to 77.70): VU025630.D (-1475) (-)



Time-->



#36

1,2-Dichloroethane

Concen: 5.476 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU025629.D

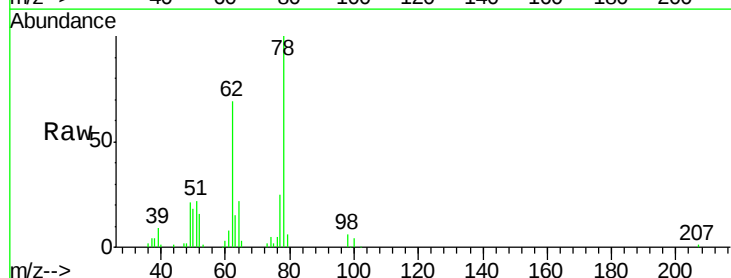
Acq: 25 Jul 2018 11:02

Tgt Ion: 62 Resp: 65355

Ion Ratio Lower Upper

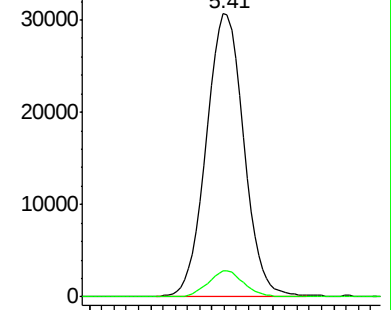
62 100

98 8.6 7.2 10.8

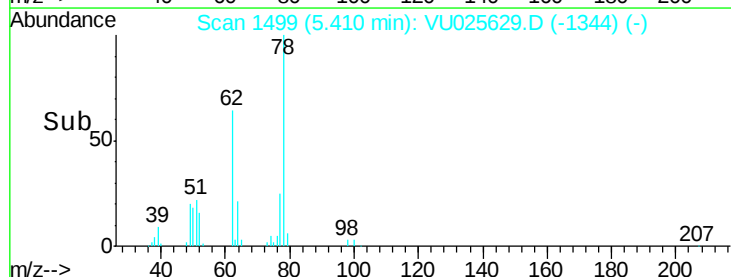


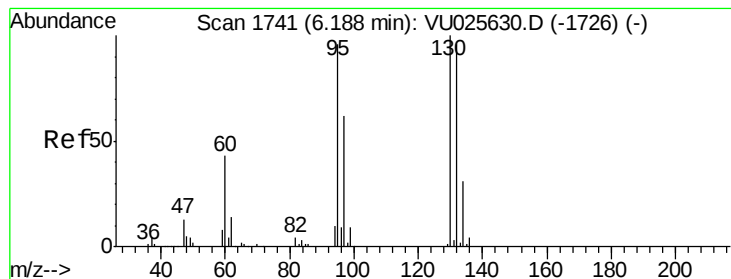
Abundance Ion 62.00 (61.70 to 62.70): VU025630.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VU025630.D (-1482) (-)



Time-->





#37

Trichloroethene

Concen: 5.436 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

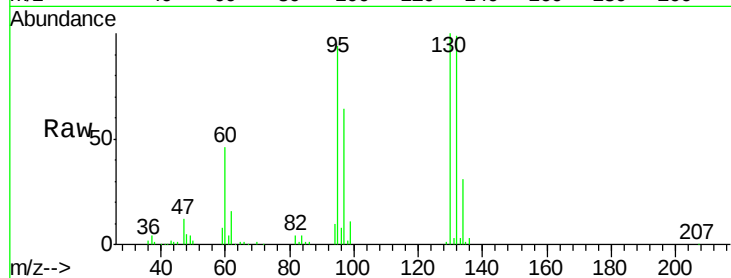
VSTDIC005

Tgt Ion: 130 Resp: 61575

Ion Ratio Lower Upper

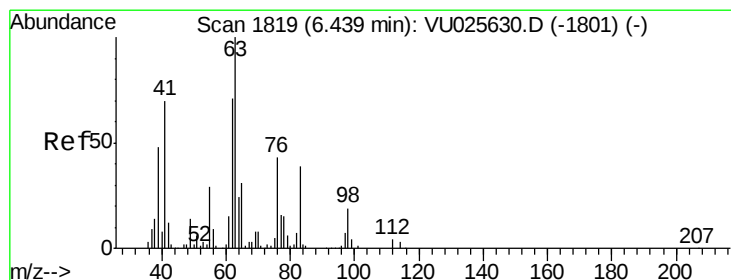
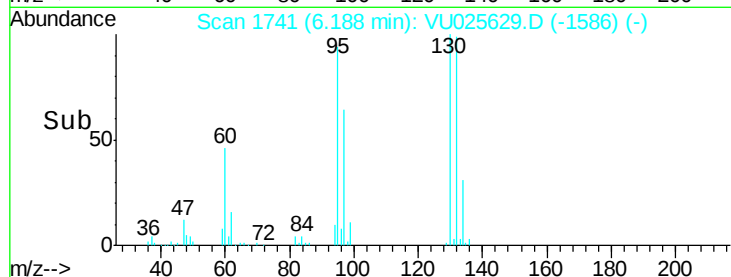
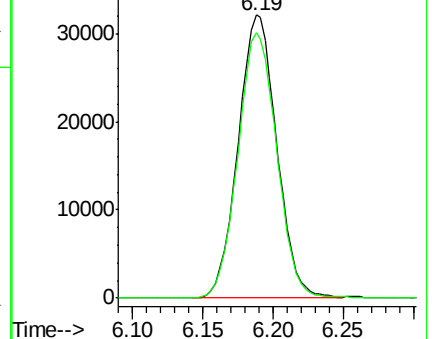
130 100

95 93.8 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): VU025630.D (-1726) (-)

Ion 94.90 (94.60 to 95.60): VU025630.D (-1726) (-)



#38

1,2-Dichloropropane

Concen: 4.783 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU025629.D

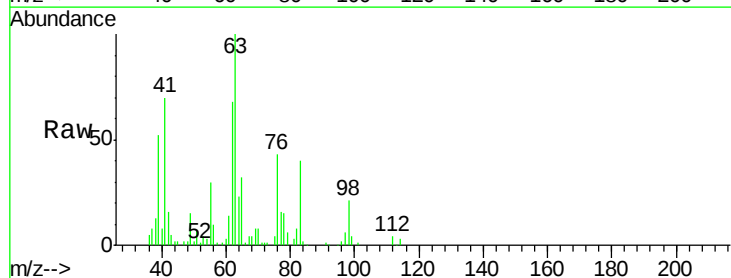
Acq: 25 Jul 2018 11:02

Tgt Ion: 63 Resp: 55352

Ion Ratio Lower Upper

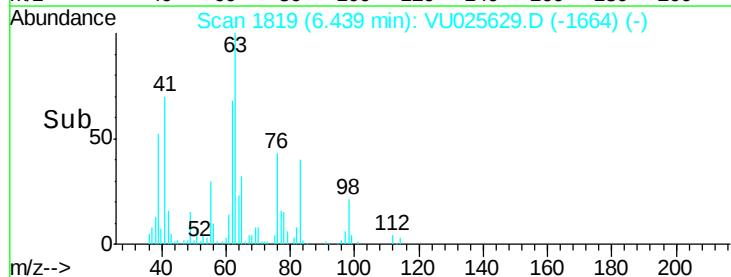
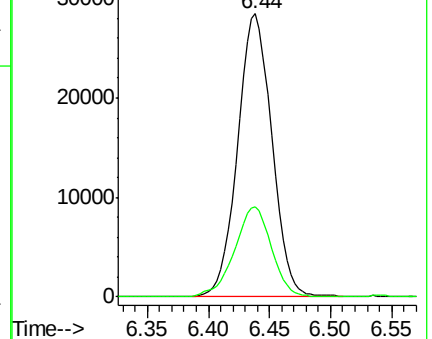
63 100

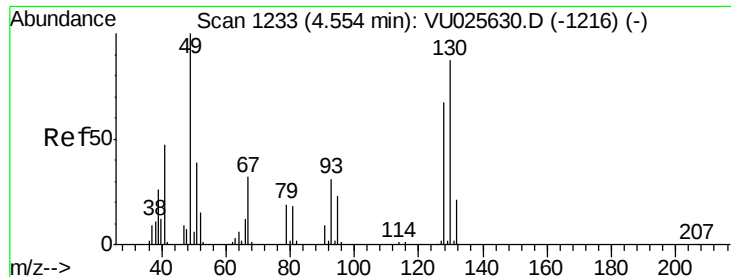
65 31.9 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU025630.D (-1801) (-)

Ion 65.00 (64.70 to 65.70): VU025630.D (-1801) (-)

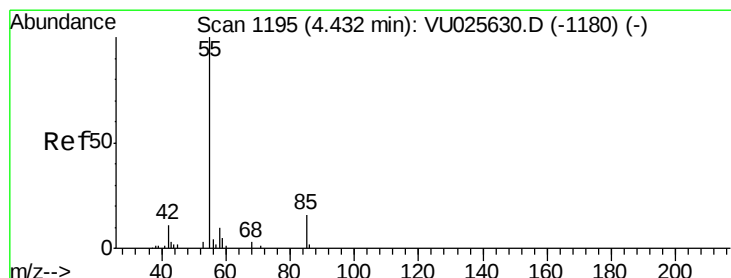
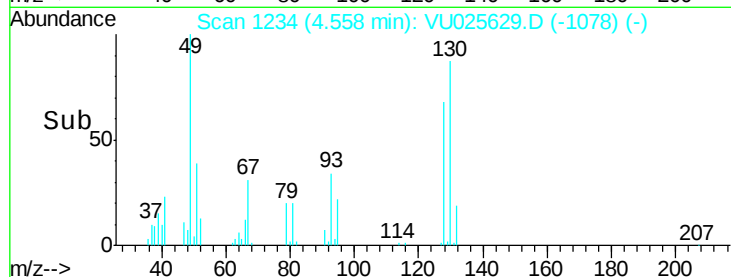
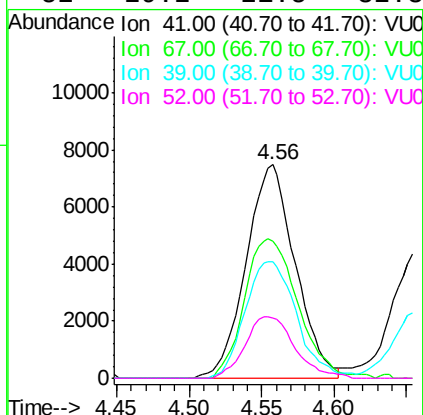
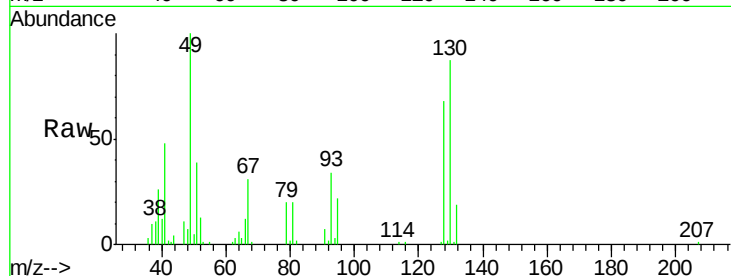




#39
Methacrylonitrile
Concen: 4.814 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

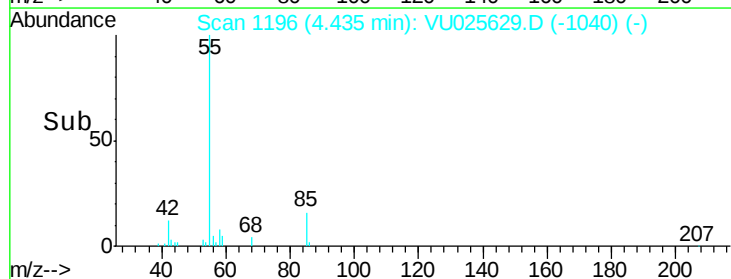
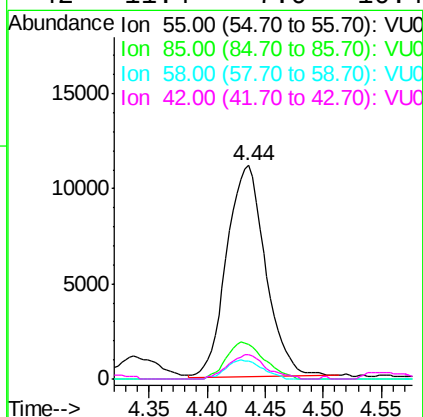
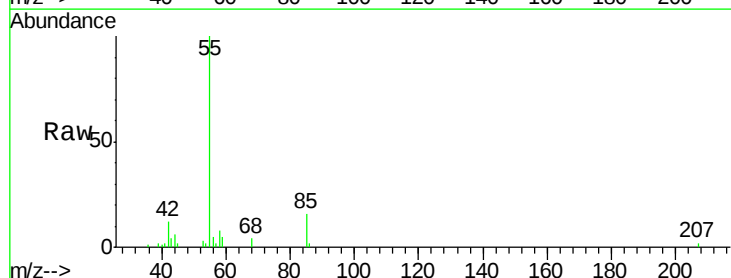
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

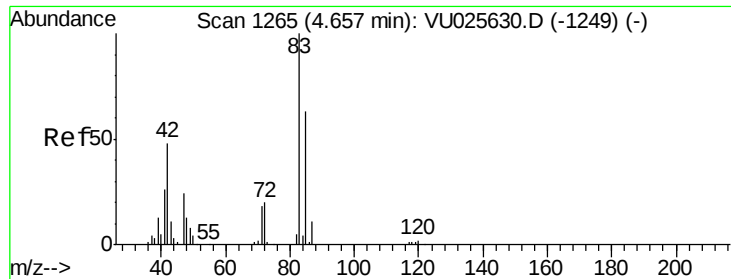
Tgt Ion:	41	Resp:	17607
Ion	Ratio	Lower	Upper
41	100		
67	71.1	51.3	76.9
39	57.6	40.6	60.8
52	29.2	21.5	32.3



#40
Methyl acrylate
Concen: 5.080 ug/l
RT: 4.44 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion:	55	Resp:	25769
Ion	Ratio	Lower	Upper
55	100		
85	17.0	12.3	18.5
58	8.3	7.0	10.6
42	11.4	7.0	10.4#

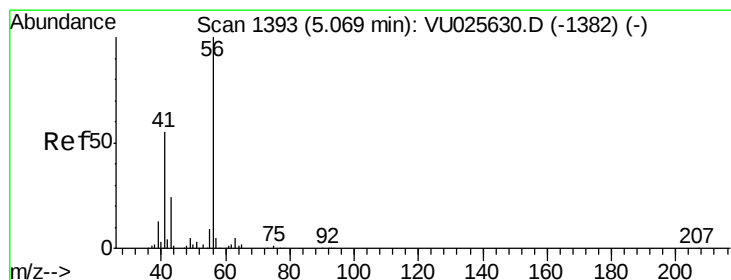
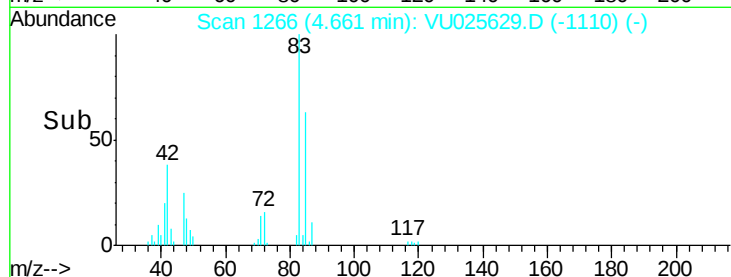
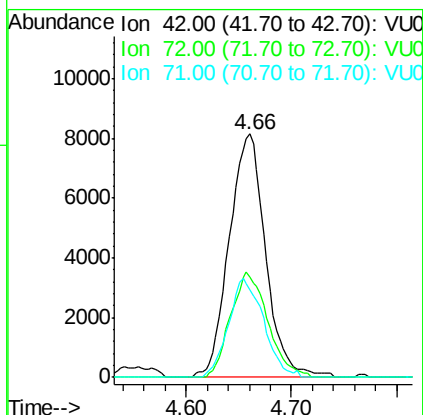
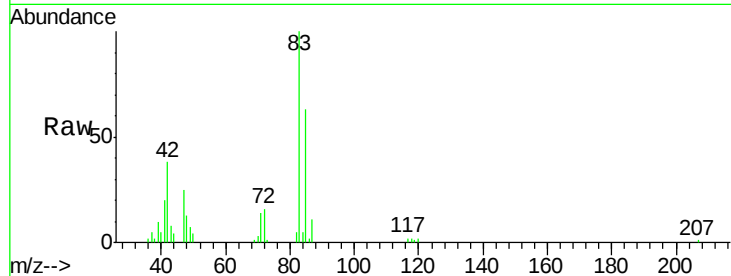




#41
Tetrahydrofuran
Concen: 10.359 ug/l
RT: 4.66 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

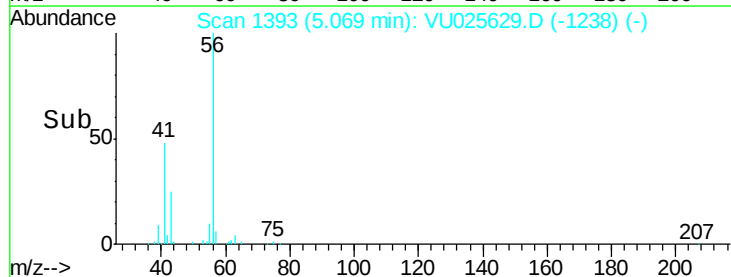
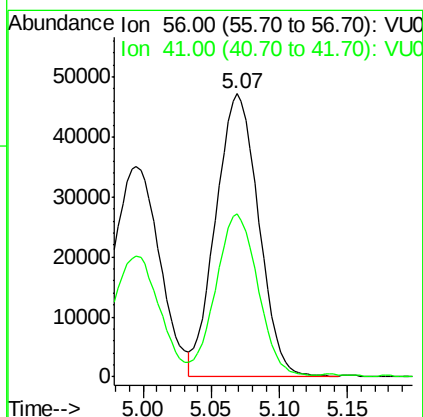
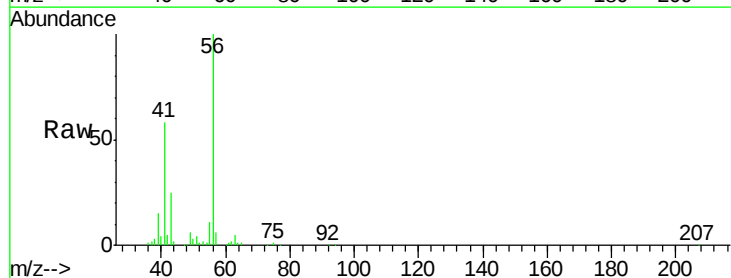
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

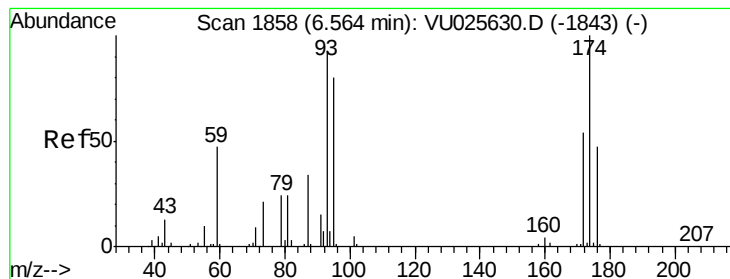
Tgt Ion: 42 Resp: 19520
Ion Ratio Lower Upper
42 100
72 44.2 33.2 49.8
71 39.2 29.8 44.8



#42
1-Chlorobutane
Concen: 4.978 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 56 Resp: 102443
Ion Ratio Lower Upper
56 100
41 55.7 27.5 82.5





#43

Dibromomethane

Concen: 5.796 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

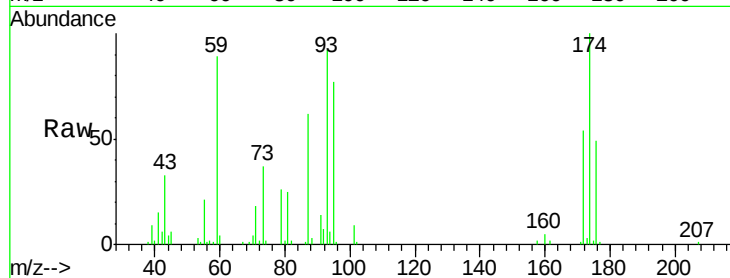
Tgt Ion: 93 Resp: 28850

Ion Ratio Lower Upper

93 100

95 83.3 67.2 100.8

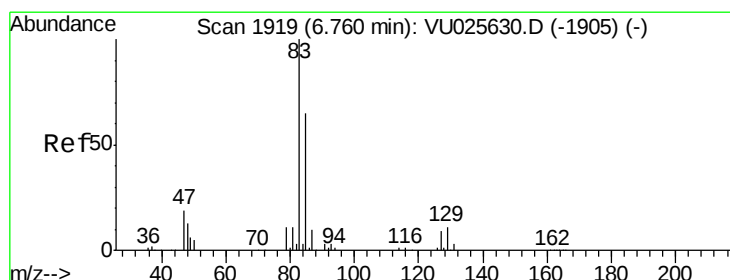
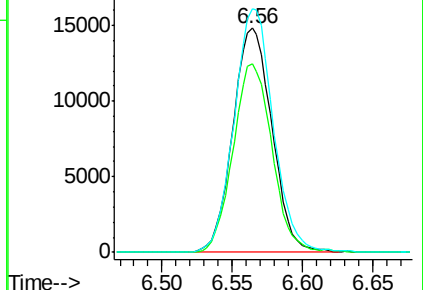
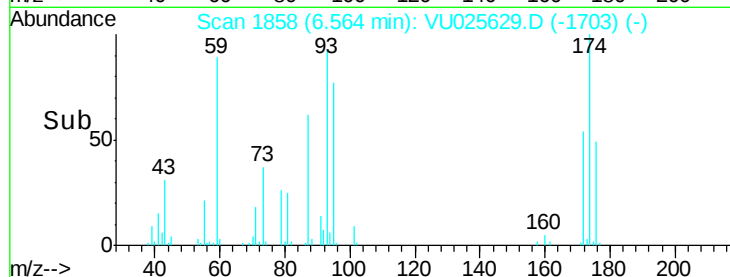
174 108.8 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU025629.D (-1703) (-)

Ion 95.00 (94.70 to 95.70): VU025629.D (-1703) (-)

Ion 174.00 (173.70 to 174.70): VU025629.D (-1703) (-)



#44

Bromodichloromethane

Concen: 5.784 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

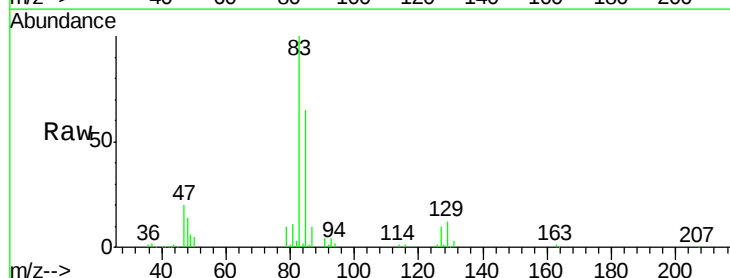
Tgt Ion: 83 Resp: 72347

Ion Ratio Lower Upper

83 100

85 65.5 52.2 78.4

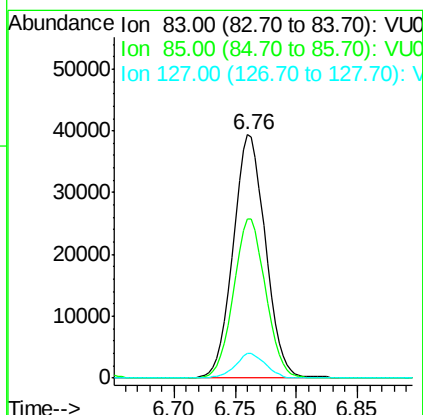
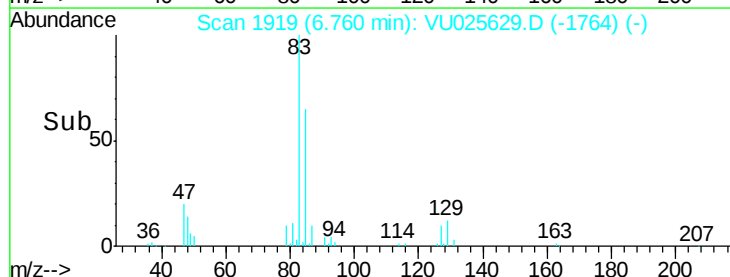
127 10.0 7.0 10.4

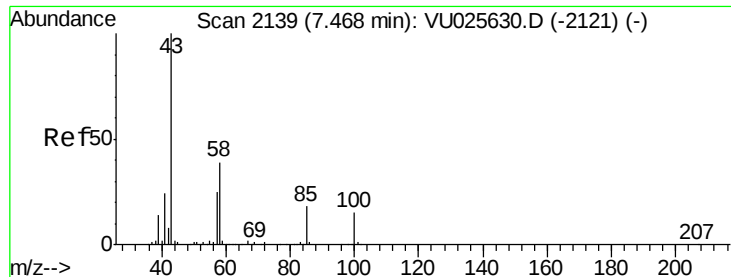


Abundance Ion 83.00 (82.70 to 83.70): VU025629.D (-1764) (-)

Ion 85.00 (84.70 to 85.70): VU025629.D (-1764) (-)

Ion 127.00 (126.70 to 127.70): VU025629.D (-1764) (-)

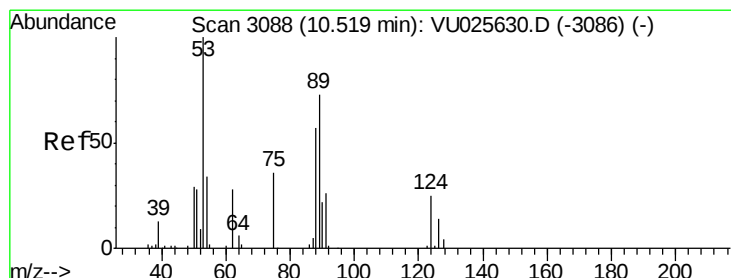
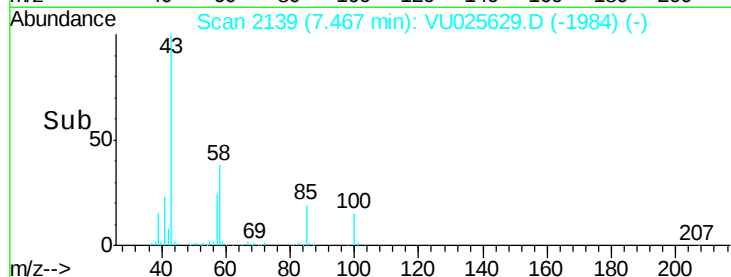
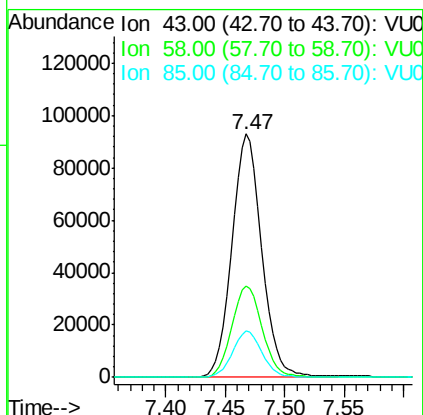
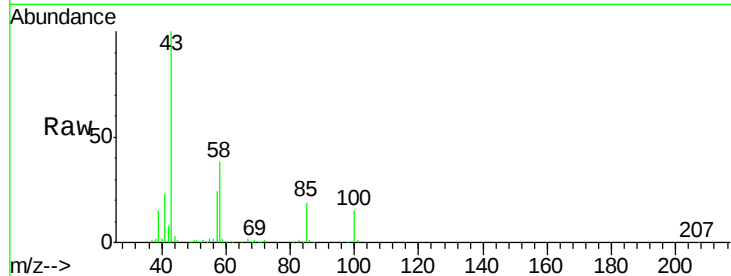




#45
 4-Methyl-2-Pentanone
 Concen: 27.530 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

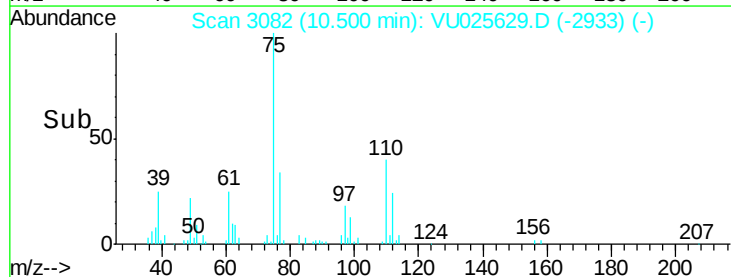
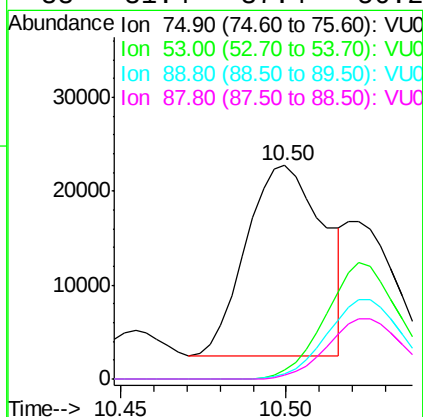
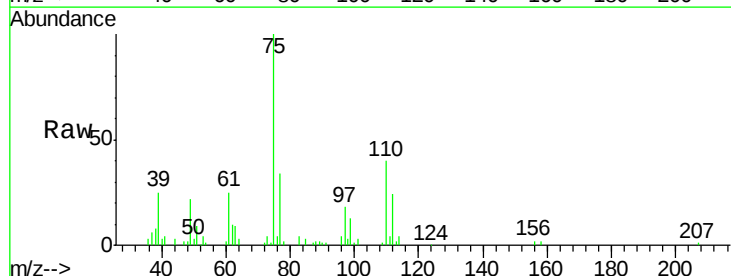
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

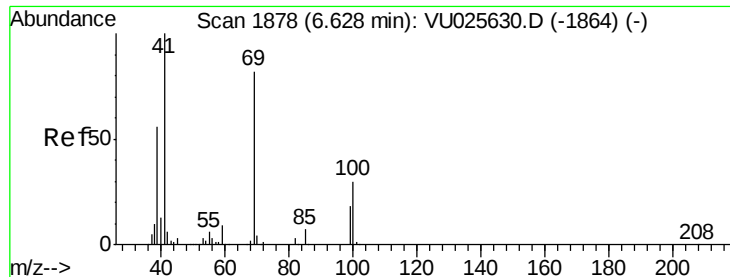
Tgt Ion: 43 Resp: 161969
 Ion Ratio Lower Upper
 43 100
 58 38.2 18.8 56.4
 85 18.7 12.6 19.0



#46
 t-1,4-Dichloro-2-butene
 Concen: 19.144 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 75 Resp: 33300
 Ion Ratio Lower Upper
 75 100
 53 58.7 82.2 123.4#
 89 40.8 51.3 76.9#
 88 31.4 37.4 56.2#

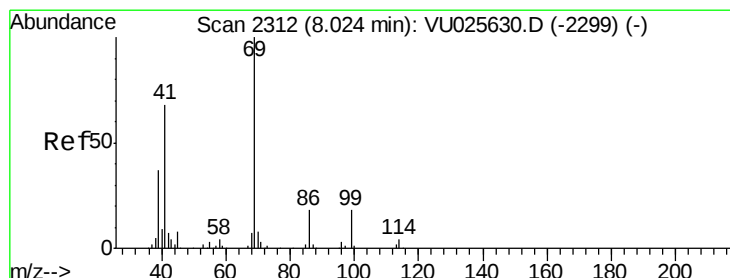
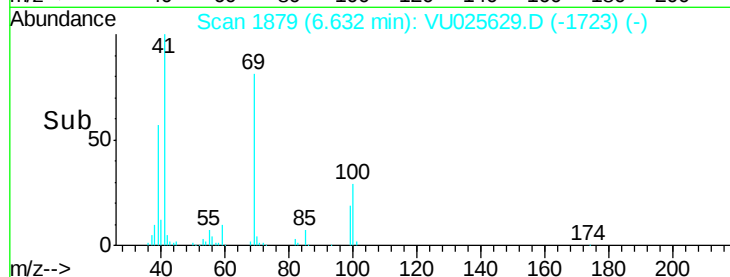
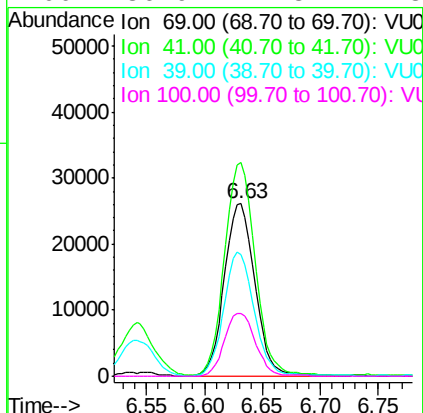
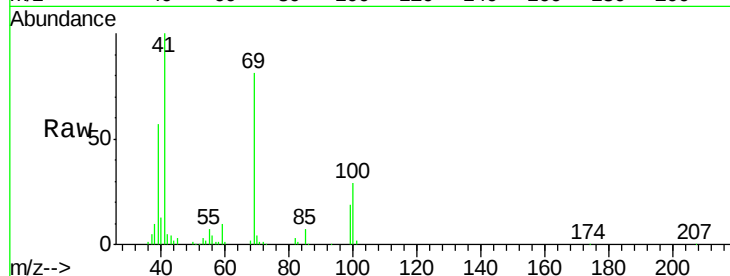




#47
Methyl methacrylate
Concen: 10.587 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

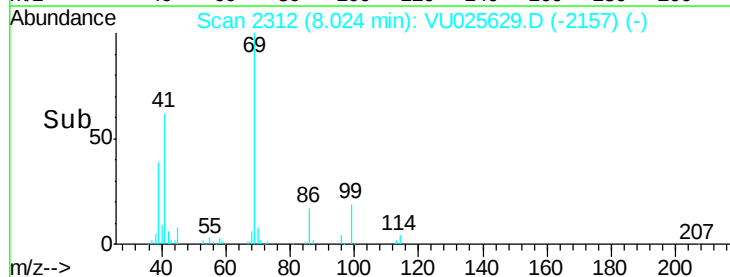
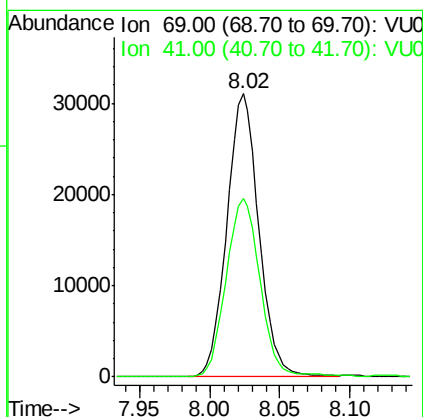
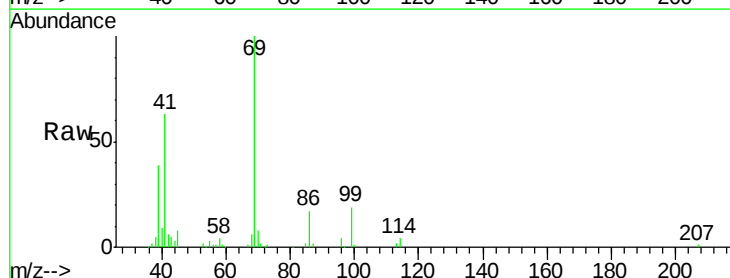
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

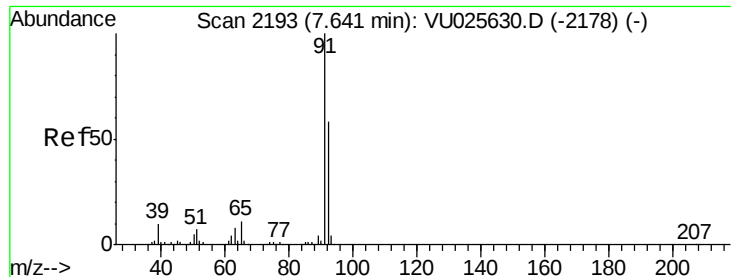
Tgt Ion: 69 Resp: 47752
Ion Ratio Lower Upper
69 100
41 122.3 0.0 245.4
39 71.6 49.0 73.4
100 36.9 27.8 41.8



#48
Ethyl methacrylate
Concen: 6.250 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 69 Resp: 49287
Ion Ratio Lower Upper
69 100
41 65.9 34.2 102.5





#49

Toluene

Concen: 5.363 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

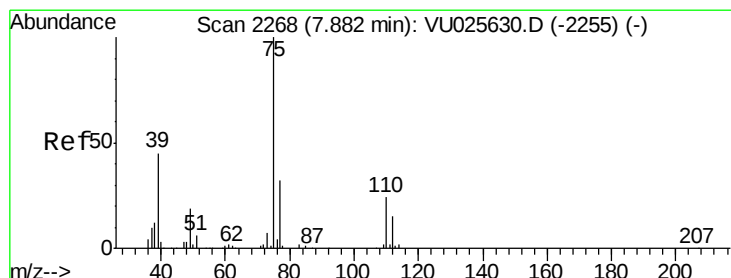
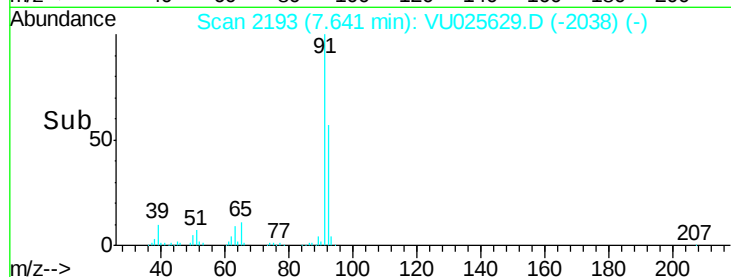
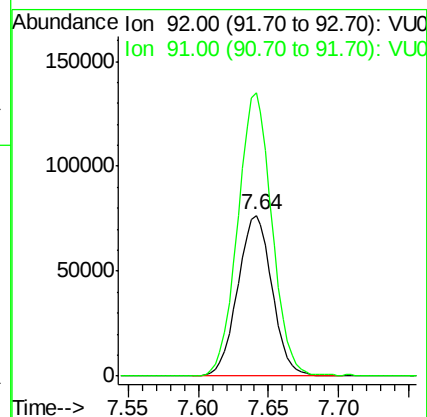
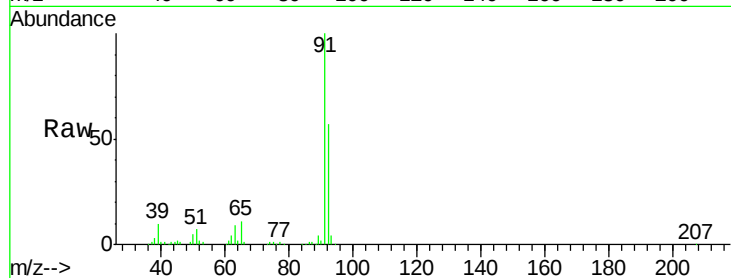
VSTDIC005

Tgt Ion: 92 Resp: 130722

Ion Ratio Lower Upper

92 100

91 175.4 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 6.258 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025629.D

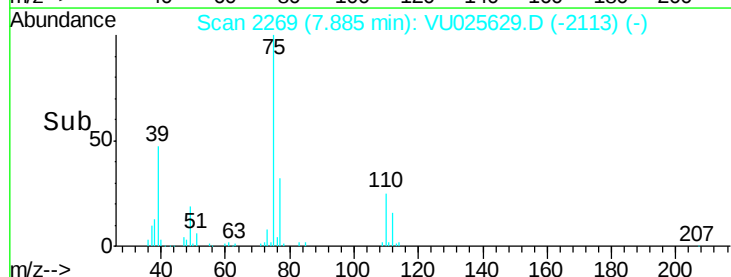
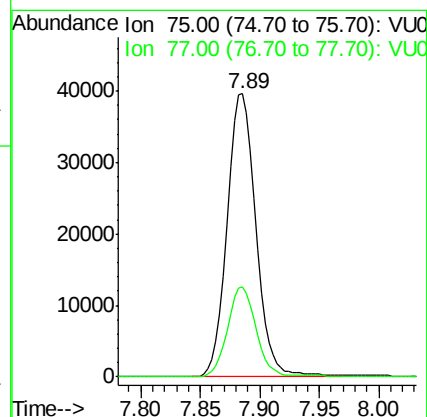
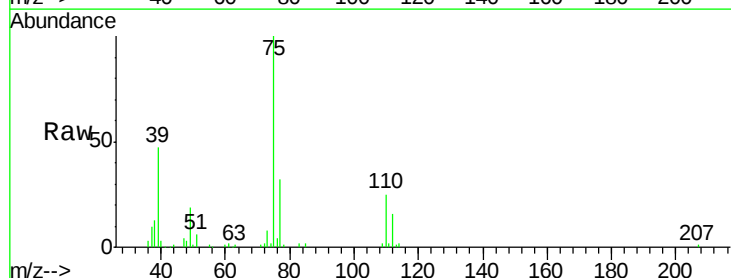
Acq: 25 Jul 2018 11:02

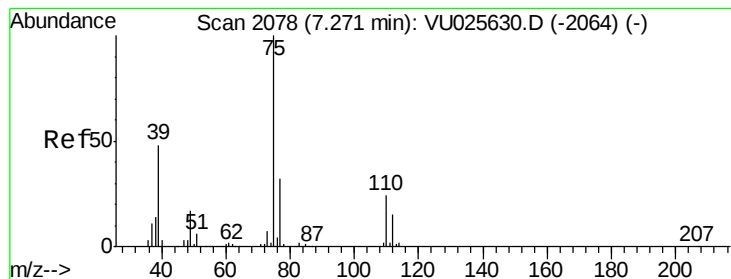
Tgt Ion: 75 Resp: 66814

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 5.663 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

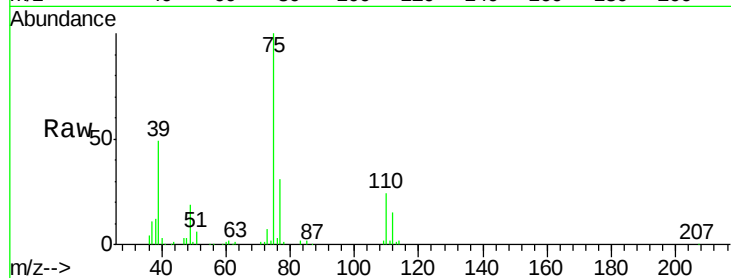
Tgt Ion: 75 Resp: 78697

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

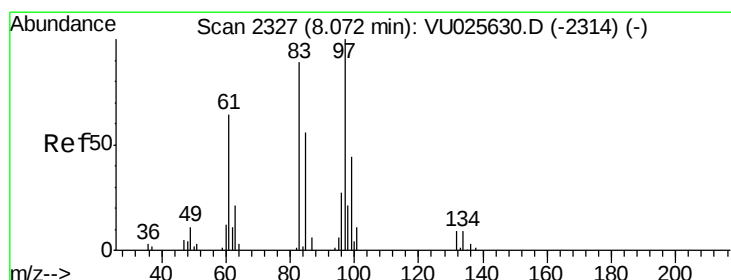
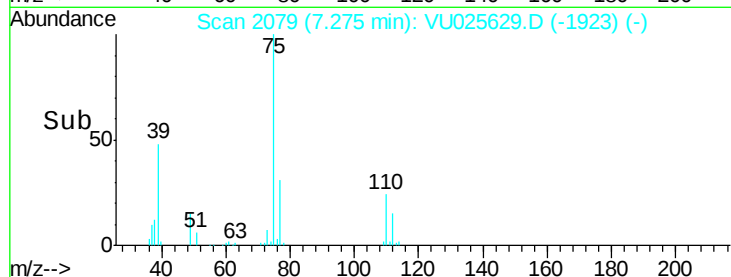
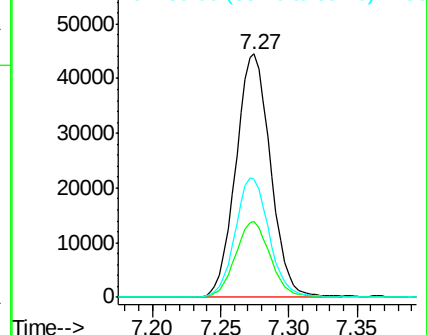
39 48.7 36.4 54.6



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: 5.269 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Tgt Ion: 97 Resp: 37320

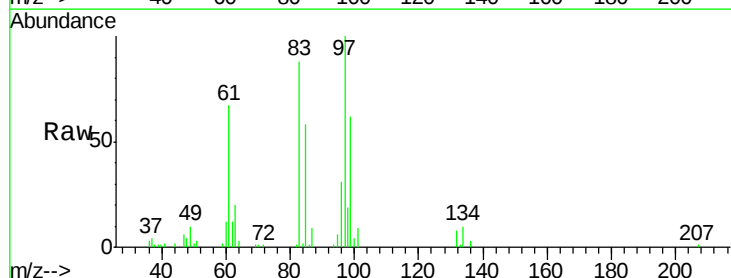
Ion Ratio Lower Upper

97 100

83 87.6 72.6 109.0

85 58.4 47.2 70.8

99 61.8 50.8 76.2

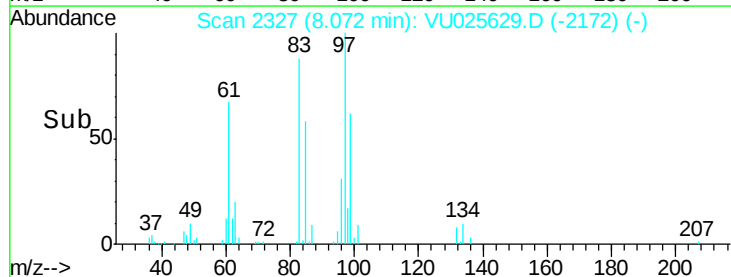
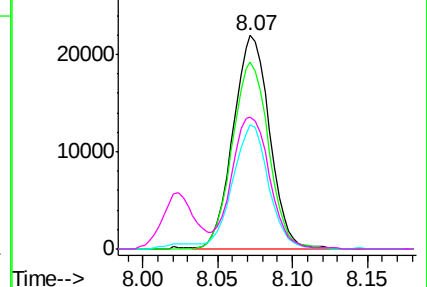


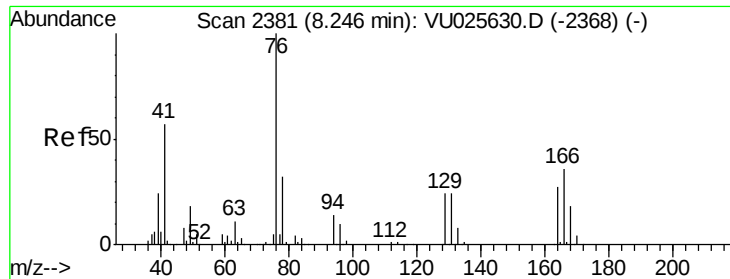
Abundance Ion 97.00 (96.70 to 97.70): VU0

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

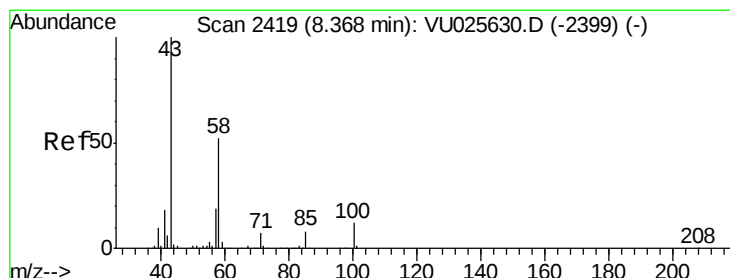
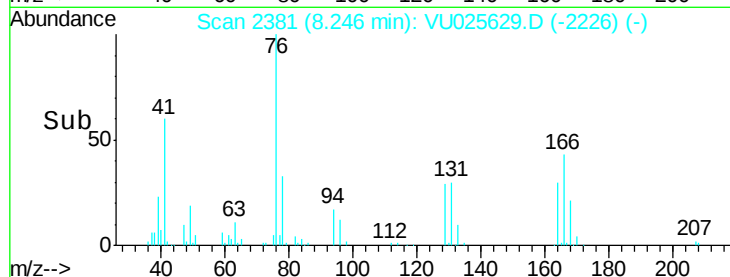
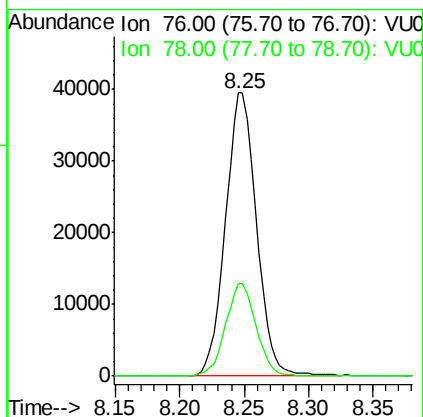
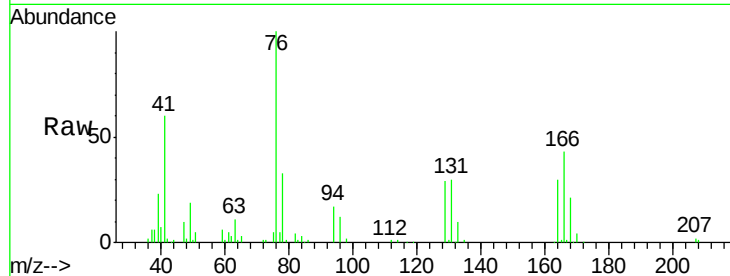




#53
 1,3-Dichloropropane
 Concen: 5.245 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

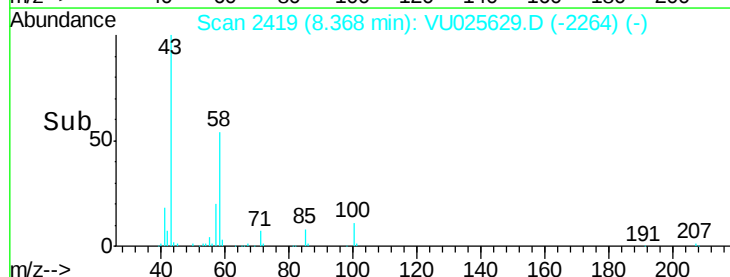
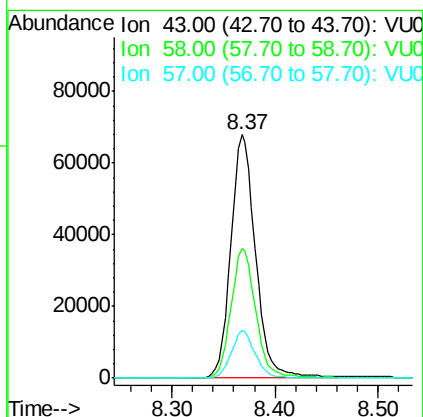
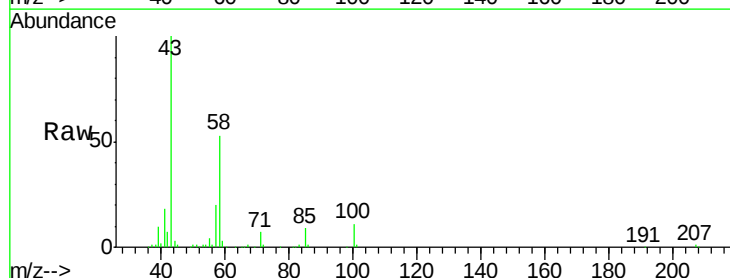
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

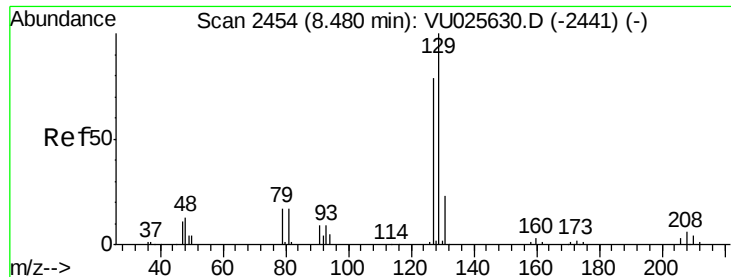
Tgt Ion: 76 Resp: 66047
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#54
 2-Hexanone
 Concen: 28.460 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 43 Resp: 114061
 Ion Ratio Lower Upper
 43 100
 58 53.3 32.5 72.5
 57 18.6 0.0 37.9





#55

Dibromochloromethane

Concen: 6.362 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

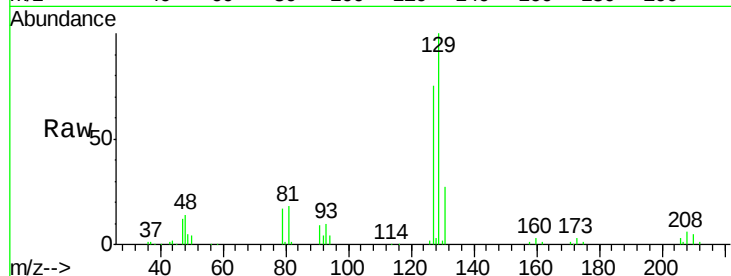
VSTDIC005

Tgt Ion:129 Resp: 49372

Ion Ratio Lower Upper

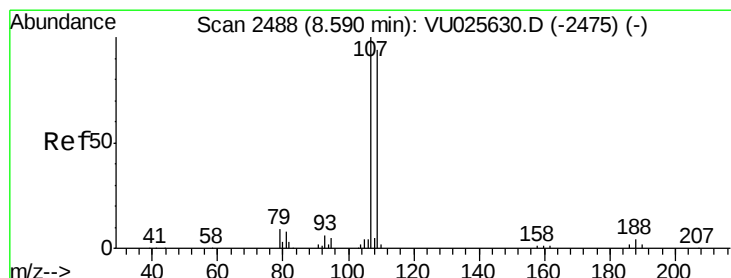
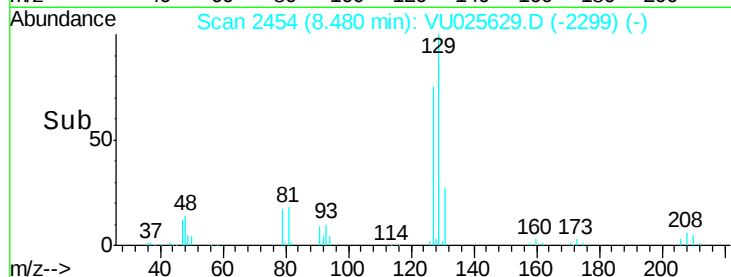
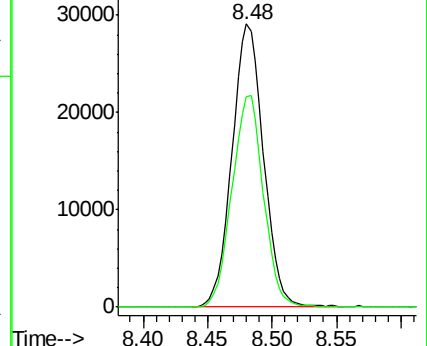
129 100

127 74.4 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 6.260 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025629.D

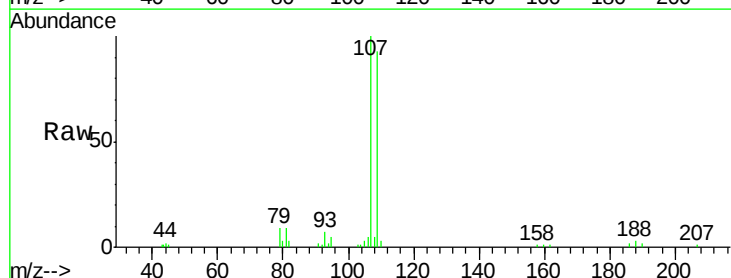
Acq: 25 Jul 2018 11:02

Tgt Ion:107 Resp: 38205

Ion Ratio Lower Upper

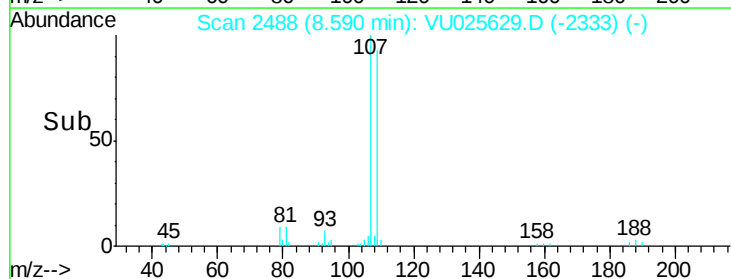
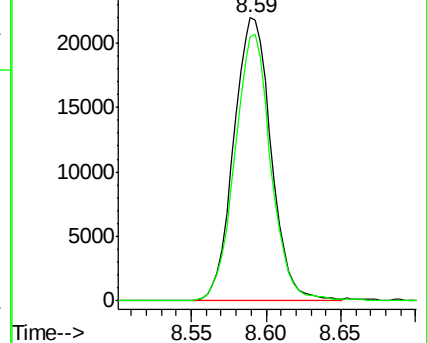
107 100

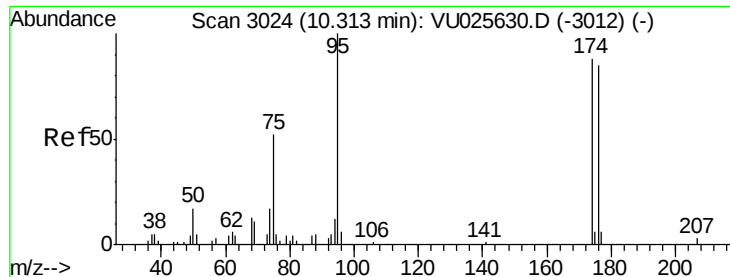
109 90.7 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

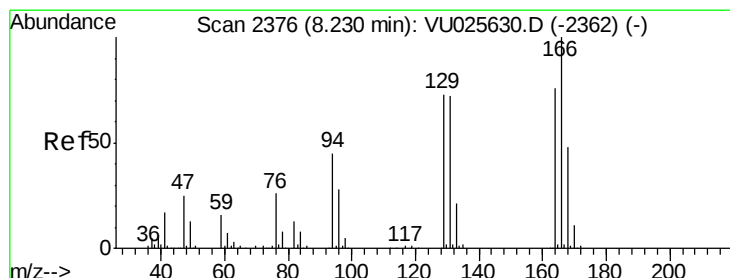
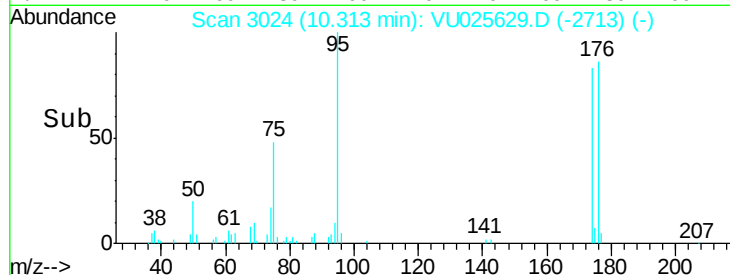
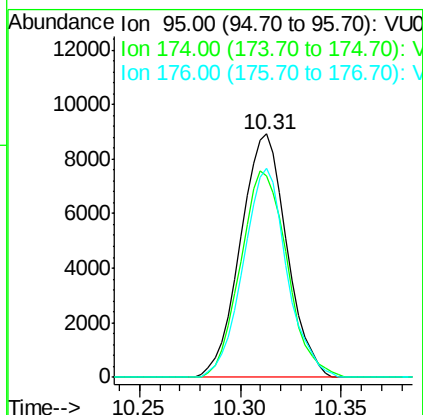
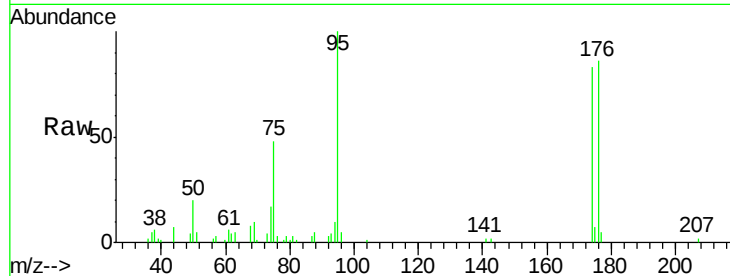




#57
4-Bromofluorobenzene
Concen: 6.260 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

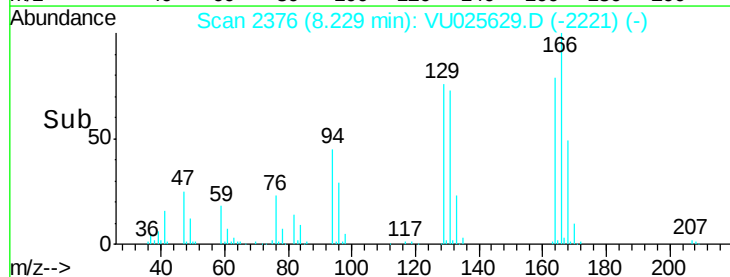
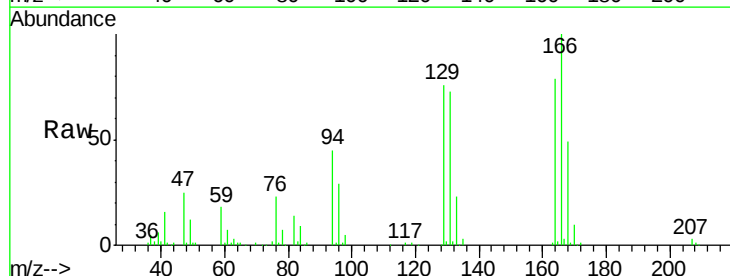
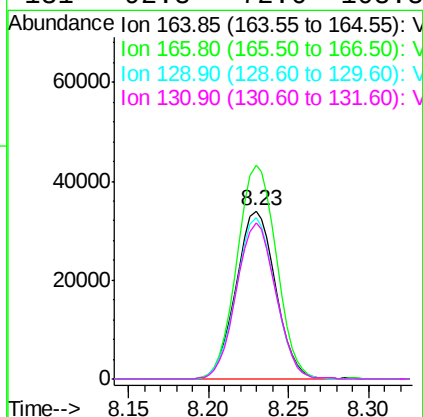
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

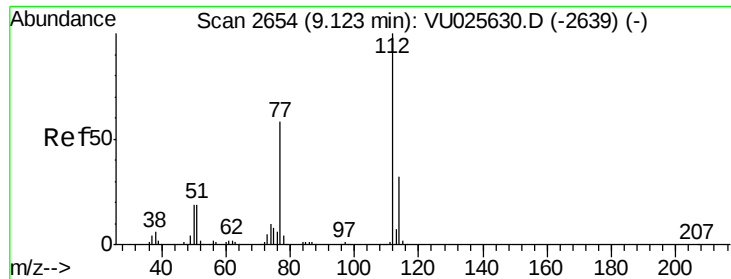
Tgt Ion: 95 Resp: 14368
Ion Ratio Lower Upper
95 100
174 85.5 65.6 98.4
176 81.0 62.0 93.0



#58
Tetrachloroethene
Concen: 5.519 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 164 Resp: 57006
Ion Ratio Lower Upper
164 100
166 127.3 104.1 156.1
129 96.2 76.8 115.2
131 92.8 72.6 108.8





#59

Chlorobenzene

Concen: 5.703 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

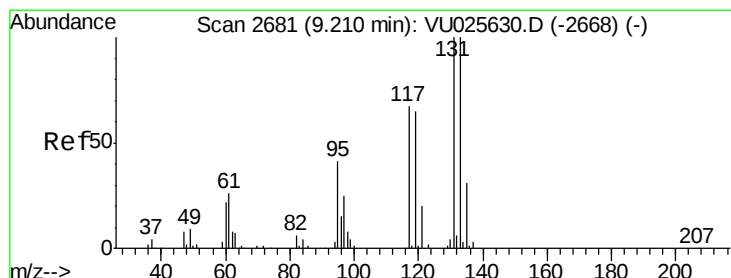
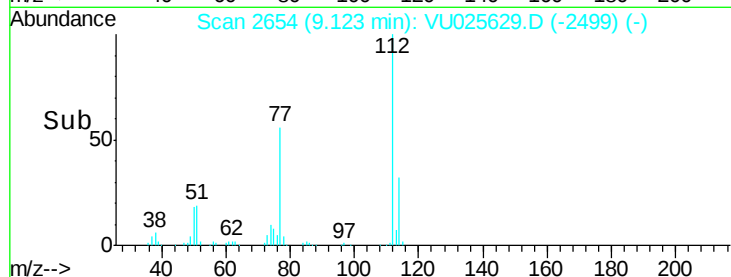
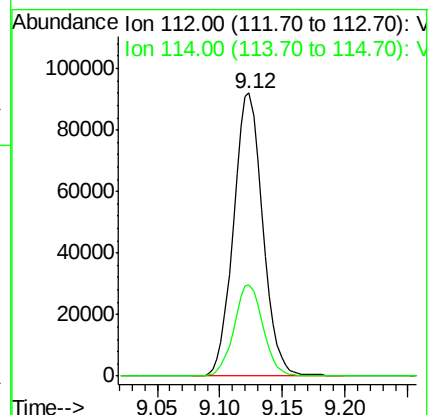
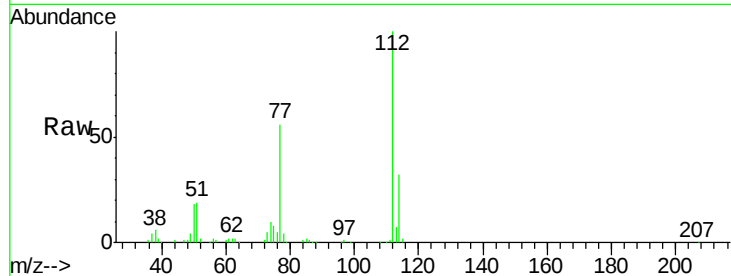
VSTDIC005

Tgt Ion:112 Resp: 148793

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 6.210 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

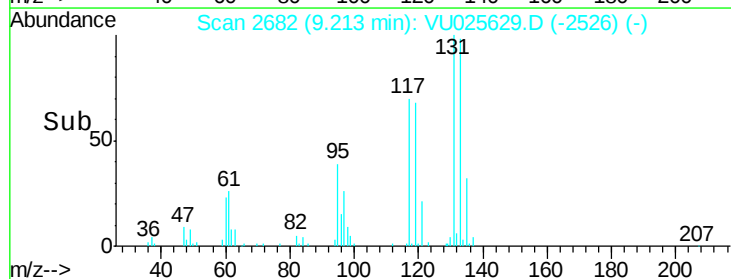
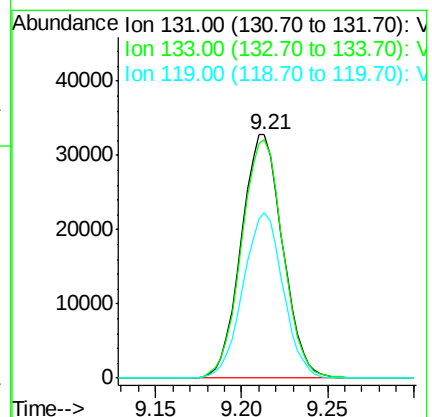
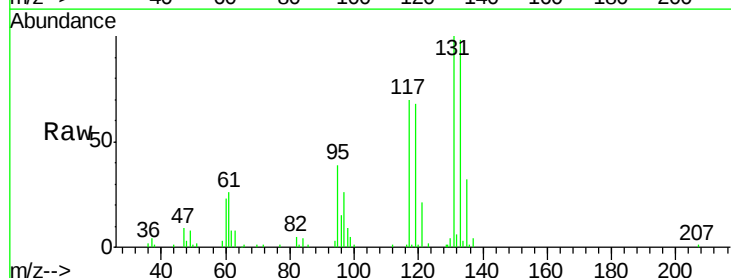
Tgt Ion:131 Resp: 55036

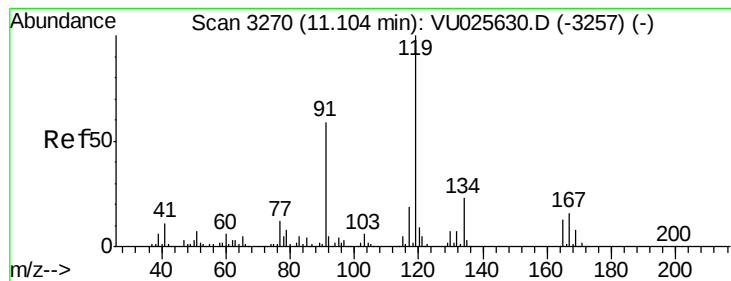
Ion Ratio Lower Upper

131 100

133 98.0 75.8 113.8

119 65.3 53.0 79.6





#61

Pentachloroethane

Concen: 6.648 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

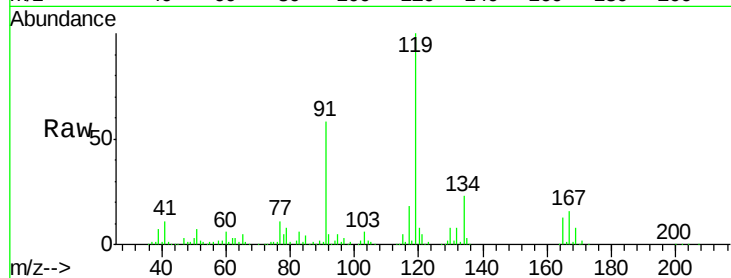
VSTDIC005

Tgt Ion:117 Resp: 41818

Ion Ratio Lower Upper

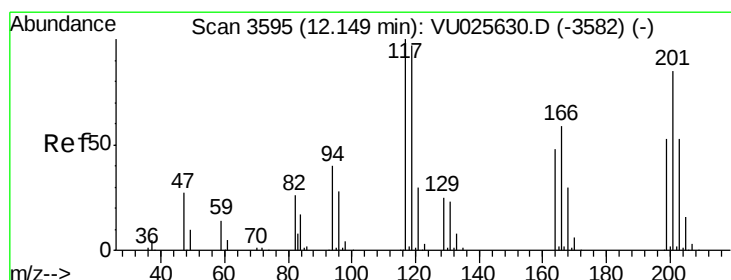
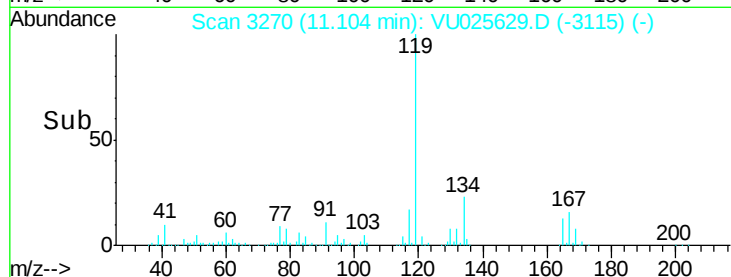
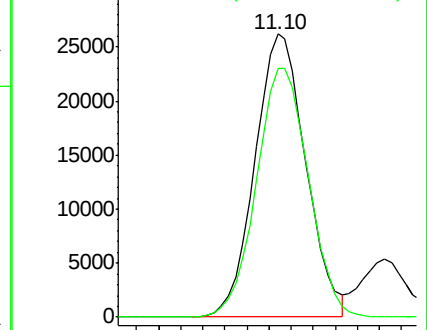
117 100

167 90.0 69.2 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 7.289 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025629.D

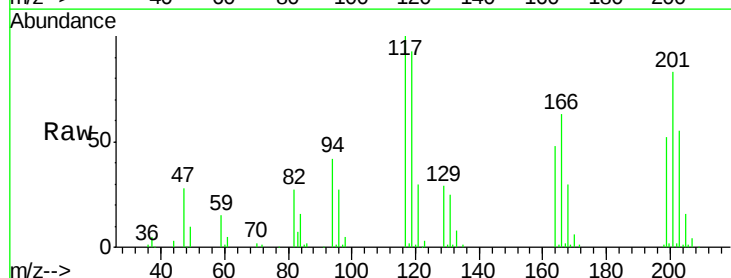
Acq: 25 Jul 2018 11:02

Tgt Ion:117 Resp: 44005

Ion Ratio Lower Upper

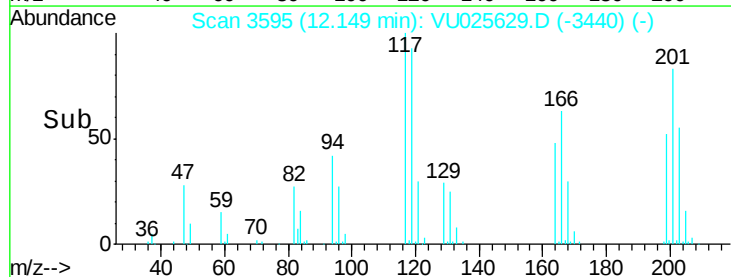
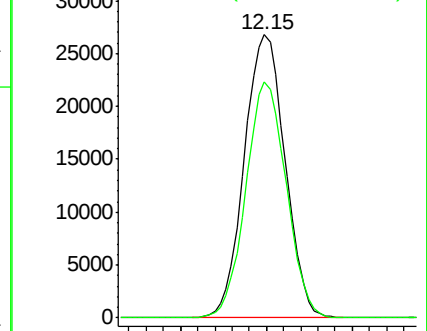
117 100

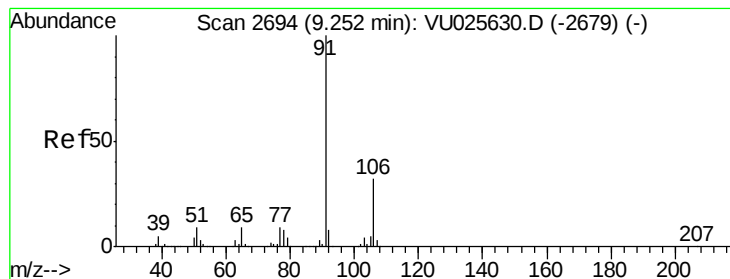
201 82.6 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 5.870 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

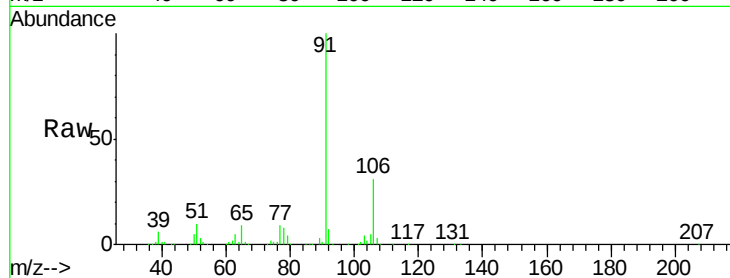
VSTDIC005

Tgt Ion: 91 Resp: 254565

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VU025630.D (-2679) (-)

Ion 106.00 (105.70 to 106.70): VU025630.D (-2679) (-)

250000

200000

150000

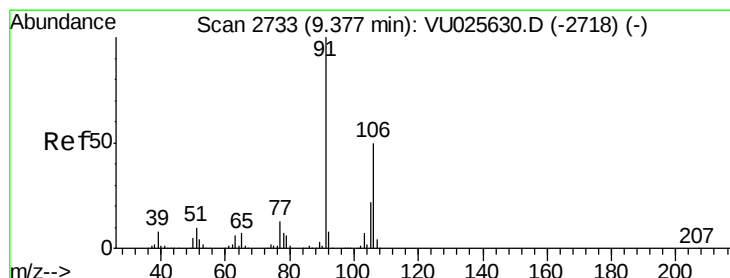
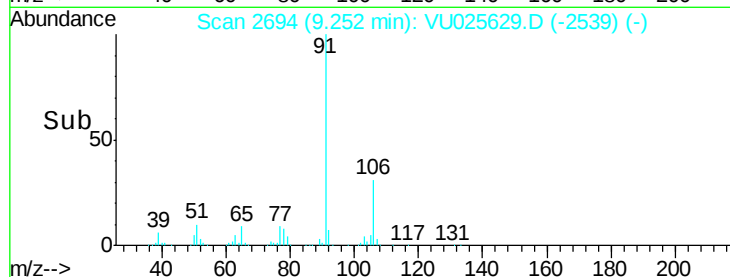
100000

50000

0

9.20 9.25 9.30 9.35

Time-->



#64

m/p-Xylenes

Concen: 11.956 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU025629.D

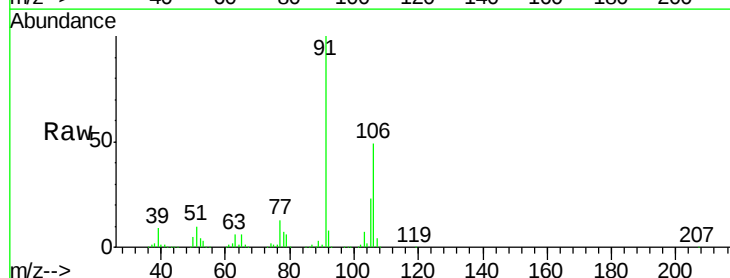
Acq: 25 Jul 2018 11:02

Tgt Ion: 106 Resp: 199971

Ion Ratio Lower Upper

106 100

91 203.3 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): VU025630.D (-2718) (-)

Ion 91.00 (90.70 to 91.70): VU025630.D (-2718) (-)

250000

200000

150000

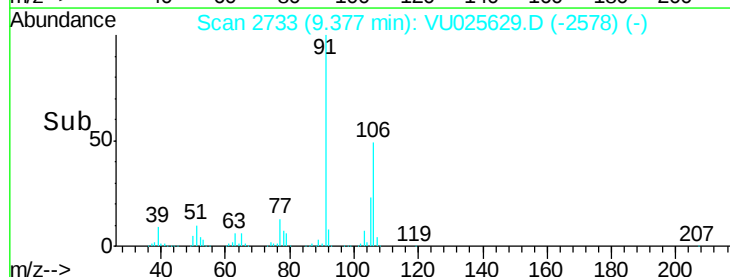
100000

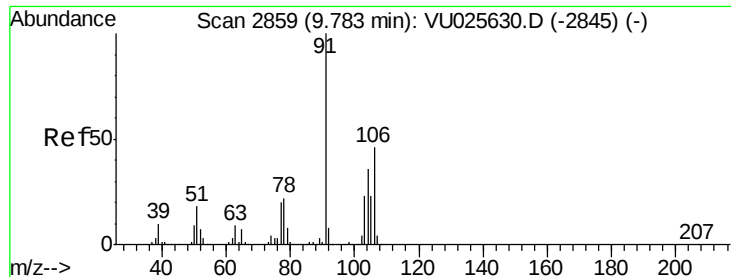
50000

0

9.30 9.35 9.40 9.45

Time-->

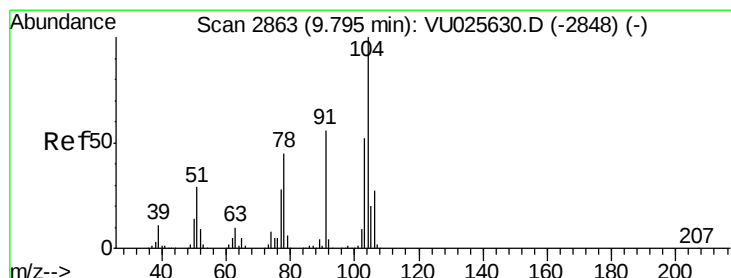
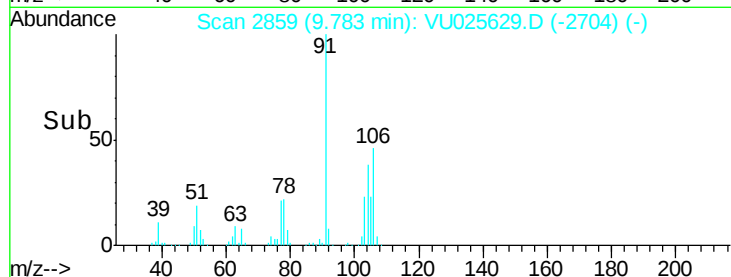
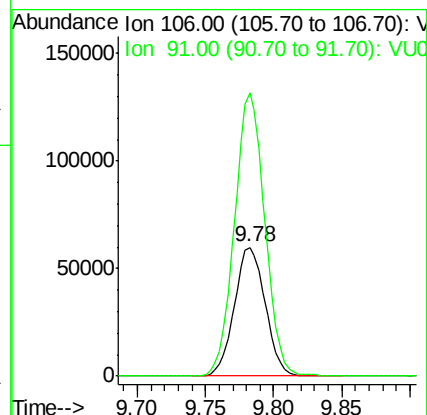
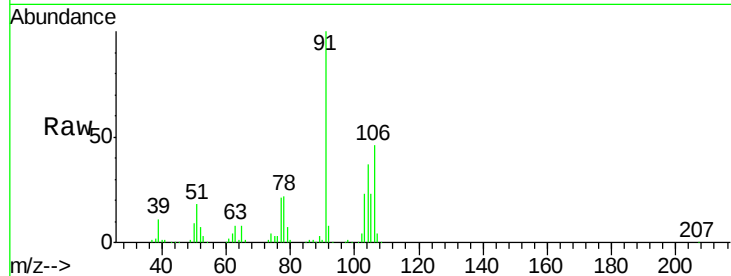




#65
o-Xylene
Concen: 5.862 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

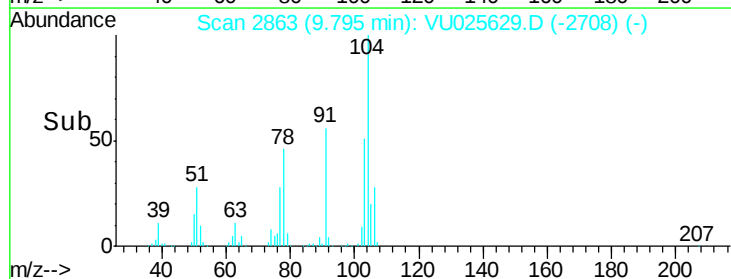
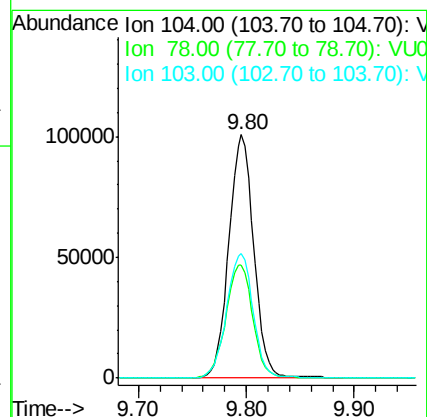
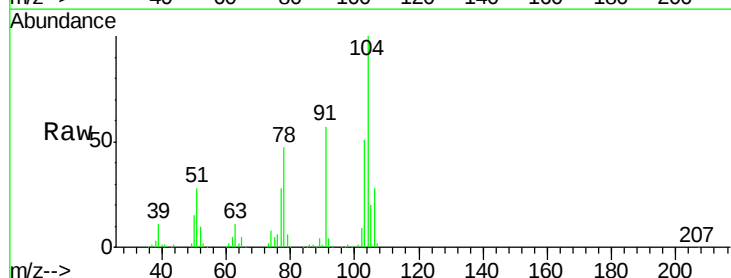
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

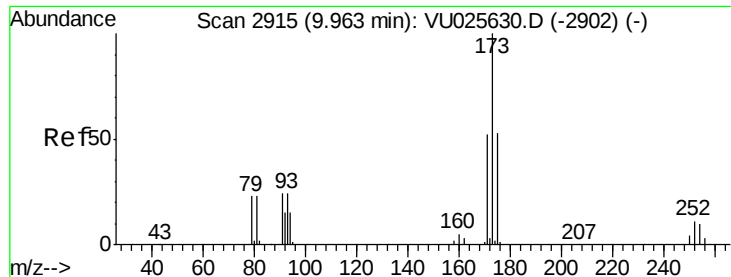
Tgt Ion:106 Resp: 94421
Ion Ratio Lower Upper
106 100
91 215.4 107.9 323.7



#66
Styrene
Concen: 6.128 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion:104 Resp: 162755
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.2
103 54.4 44.2 66.4





#67

Bromoform

Concen: 7.191 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

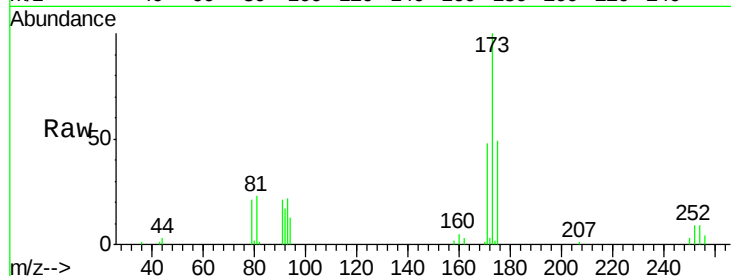
Tgt Ion:173 Resp: 29149

Ion Ratio Lower Upper

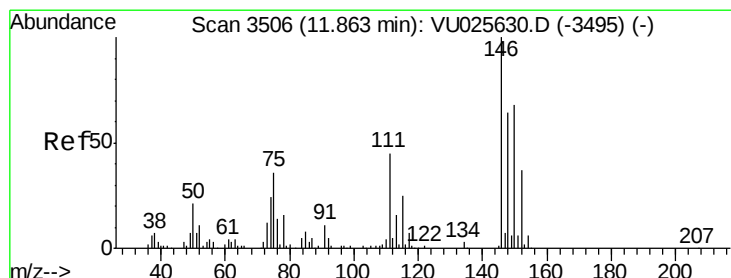
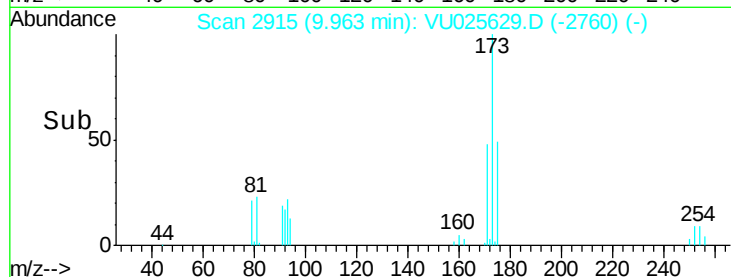
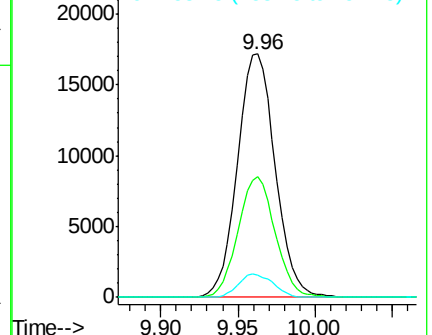
173 100

175 48.5 38.6 57.8

254 8.7 8.8 13.2#



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



#68

1,2-Dichlorobenzene-d4

Concen: 7.191 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

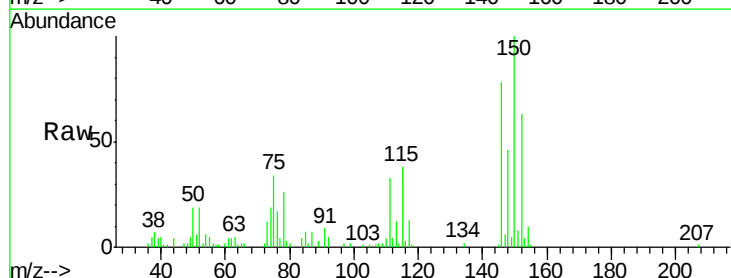
Tgt Ion:152 Resp: 15327

Ion Ratio Lower Upper

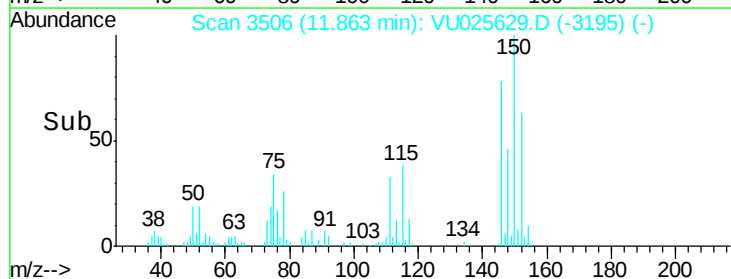
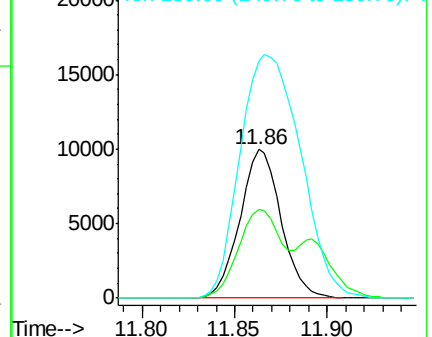
152 100

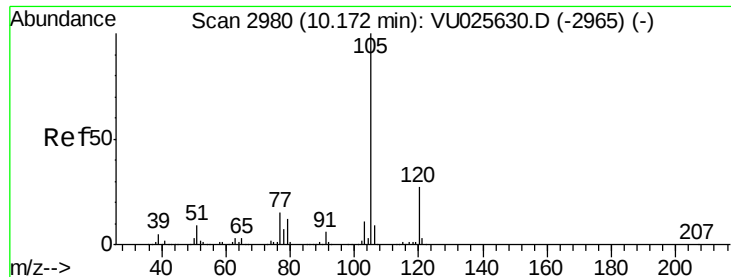
115 61.5 0.0 118.8

150 242.6 0.0 0.0#



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





#69

Isopropylbenzene

Concen: 6.174 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

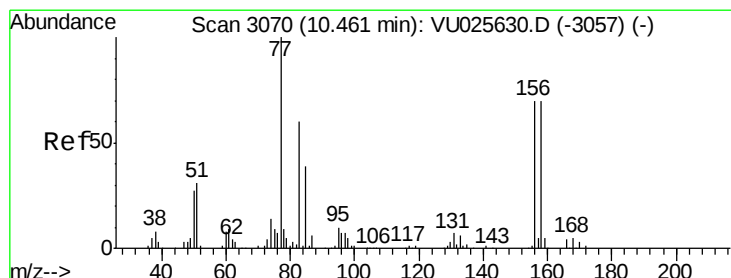
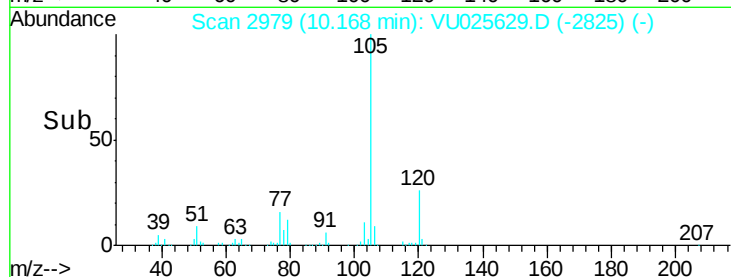
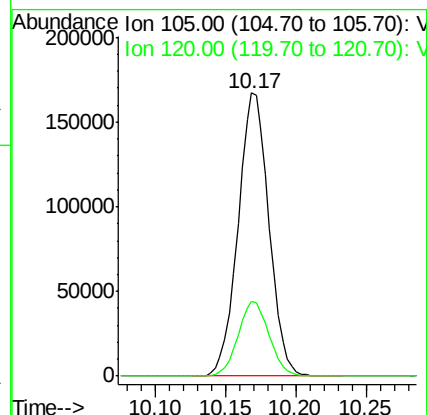
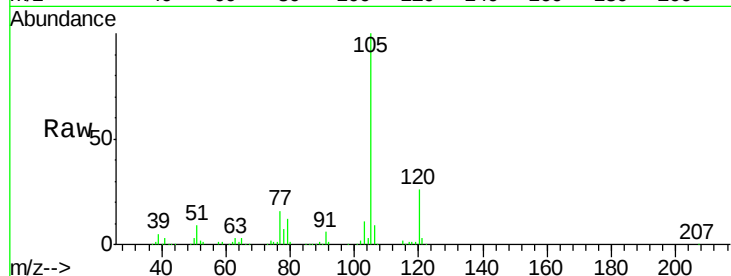
VSTDIC005

Tgt Ion: 105 Resp: 256145

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 6.053 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

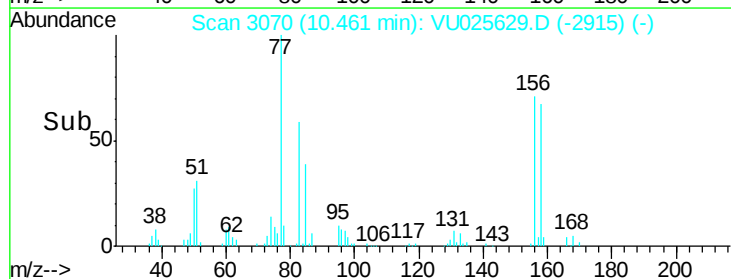
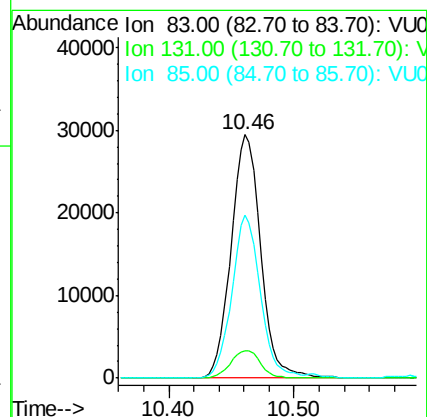
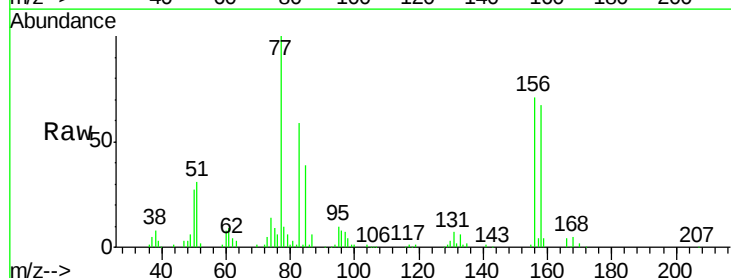
Tgt Ion: 83 Resp: 48323

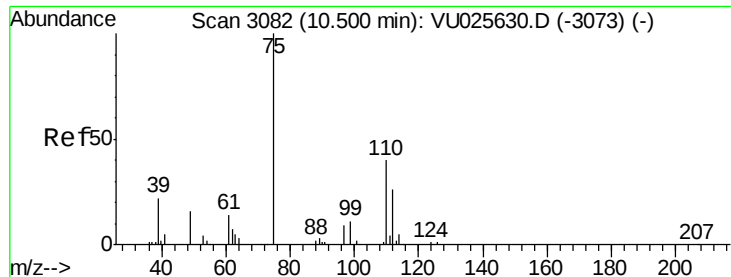
Ion Ratio Lower Upper

83 100

131 11.2 7.9 11.9

85 64.3 51.8 77.6





#71

1,2,3-Trichloropropane

Concen: 5.828 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 33300

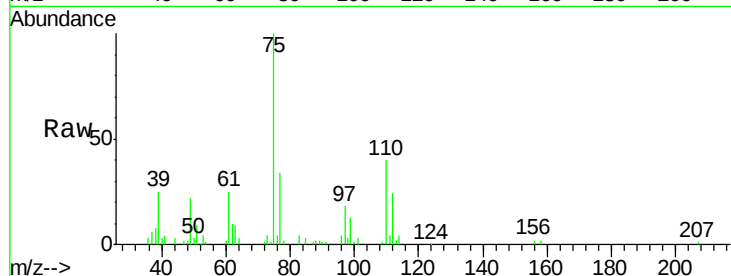
Ion Ratio Lower Upper

75 100

77 57.8 0.0 0.0#

110 42.6 0.0 74.0

97 20.2 0.0 39.6

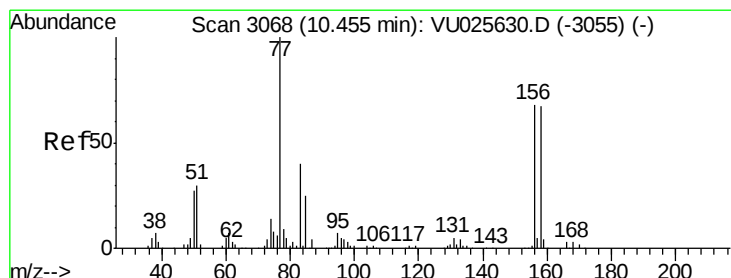
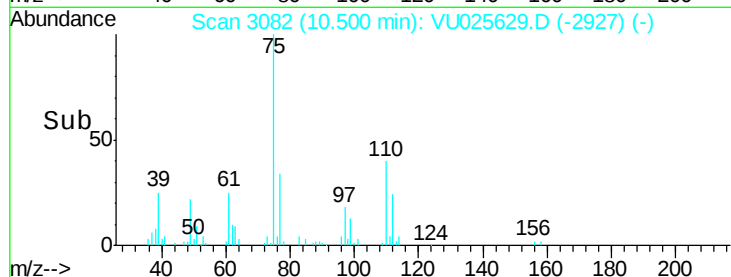
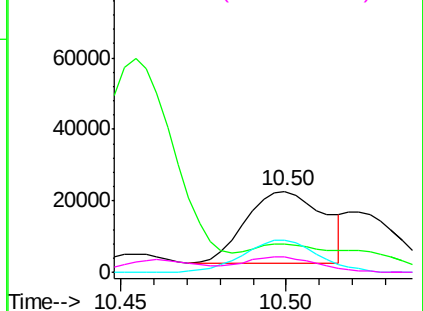


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 6.293 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

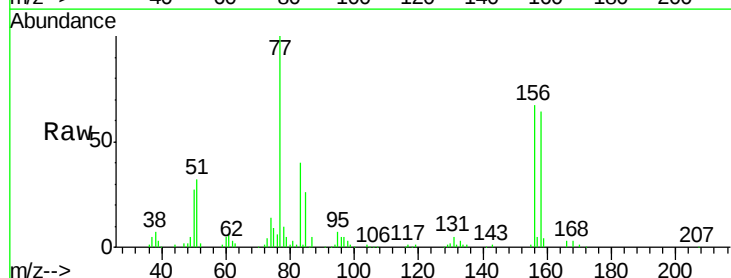
Tgt Ion: 156 Resp: 65001

Ion Ratio Lower Upper

156 100

77 148.7 0.0 309.8

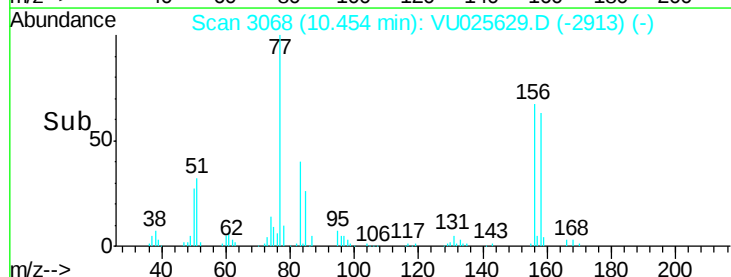
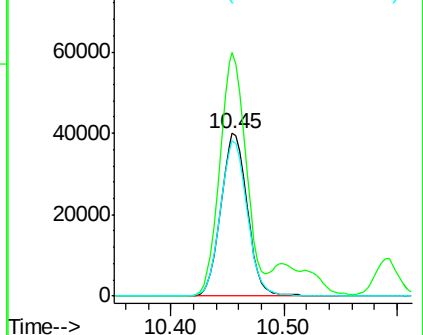
158 96.6 0.0 193.0

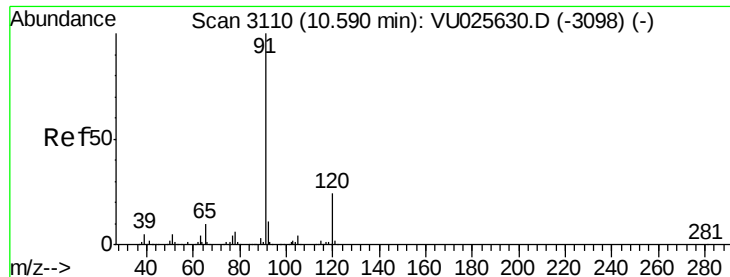


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 6.465 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

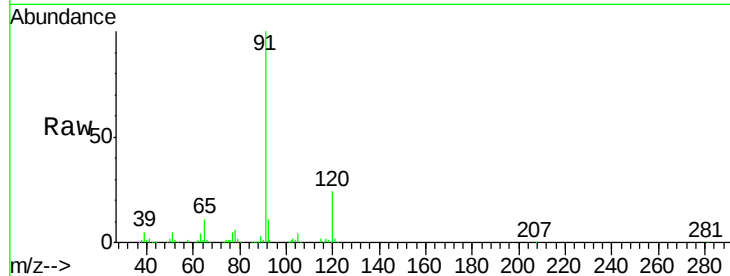
VSTDIC005

Tgt Ion:120 Resp: 74143

Ion Ratio Lower Upper

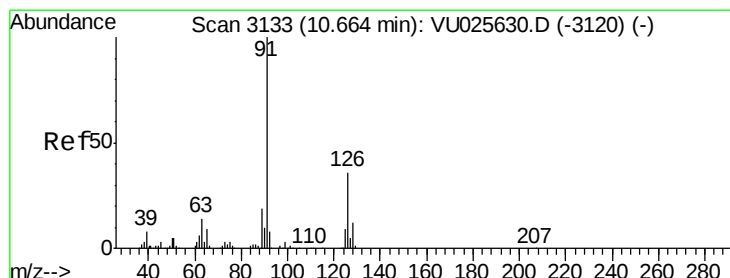
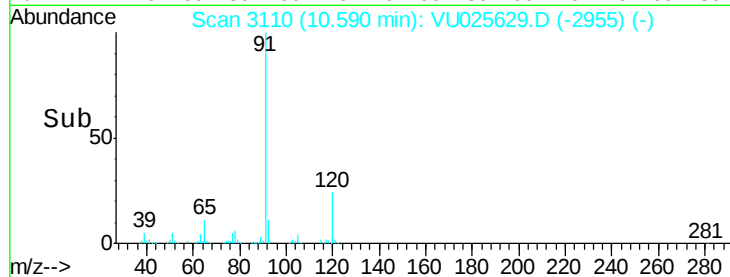
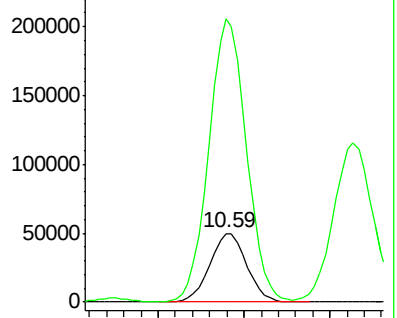
120 100

91 418.8 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 6.231 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025629.D

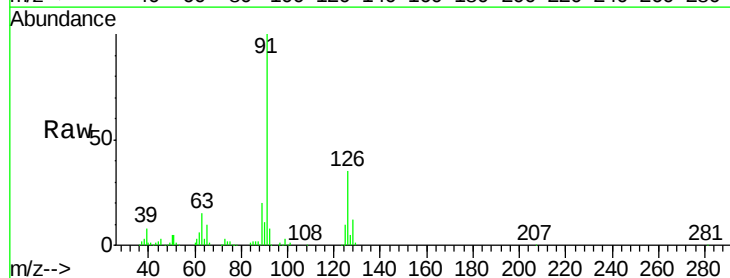
Acq: 25 Jul 2018 11:02

Tgt Ion:126 Resp: 63189

Ion Ratio Lower Upper

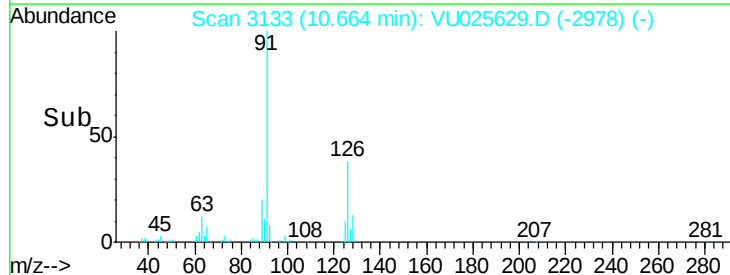
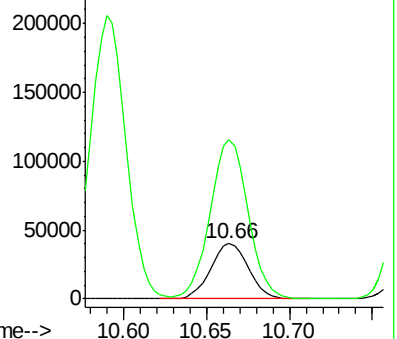
126 100

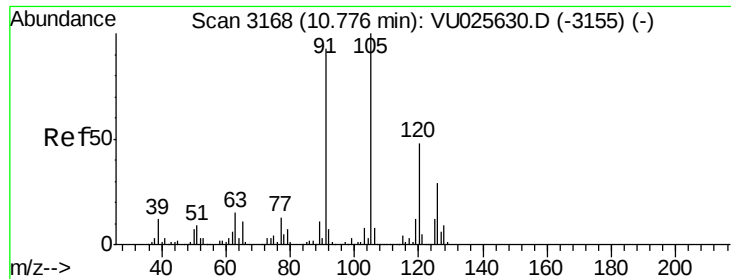
91 287.0 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 6.475 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

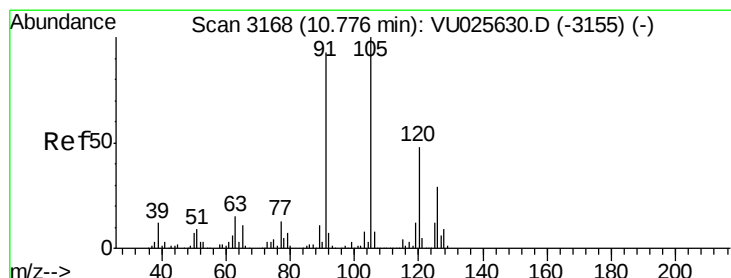
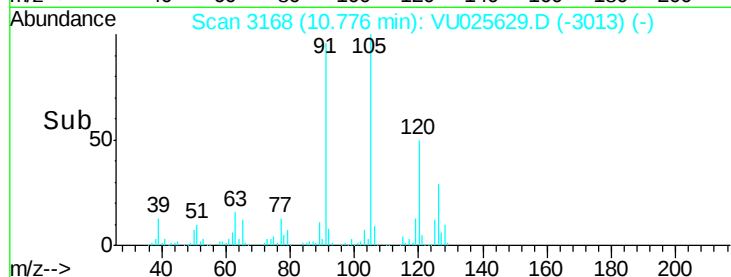
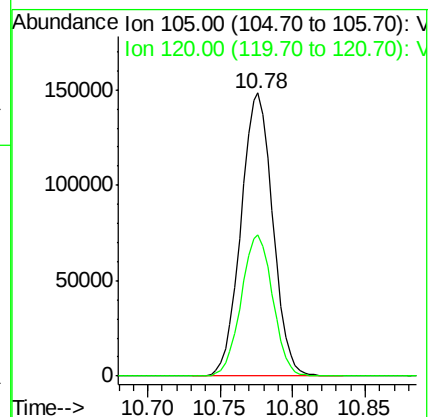
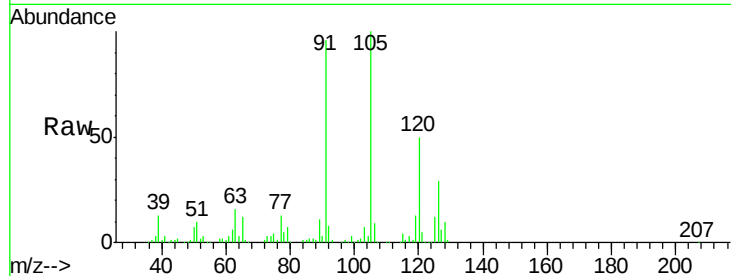
VSTDIC005

Tgt Ion:105 Resp: 226336

Ion Ratio Lower Upper

105 100

120 49.4 39.0 58.6



#76

4-Chlorotoluene

Concen: 6.235 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025629.D

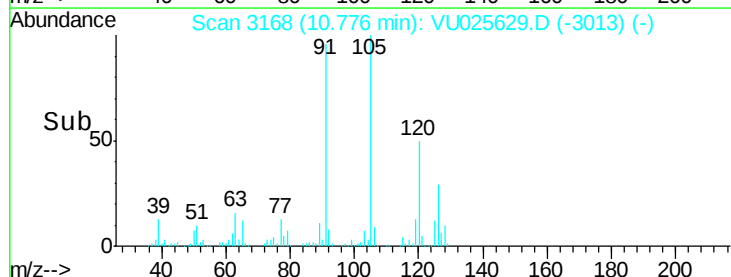
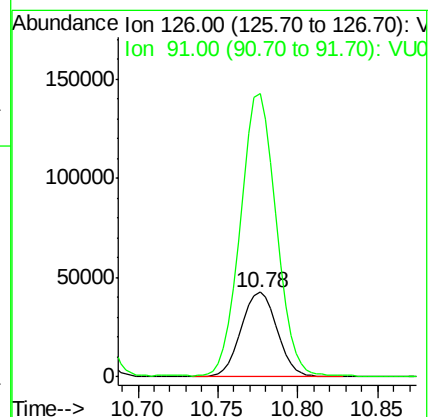
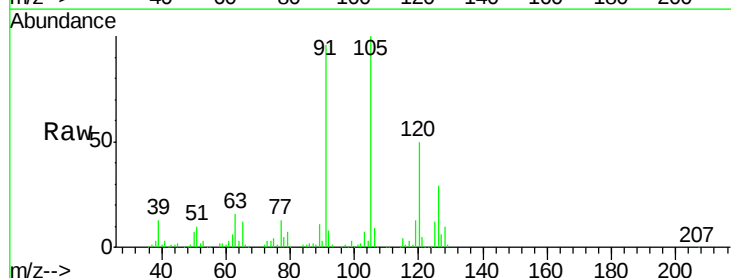
Acq: 25 Jul 2018 11:02

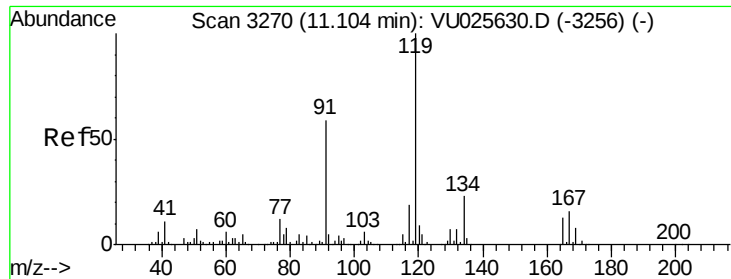
Tgt Ion:126 Resp: 65504

Ion Ratio Lower Upper

126 100

91 332.5 0.0 667.2

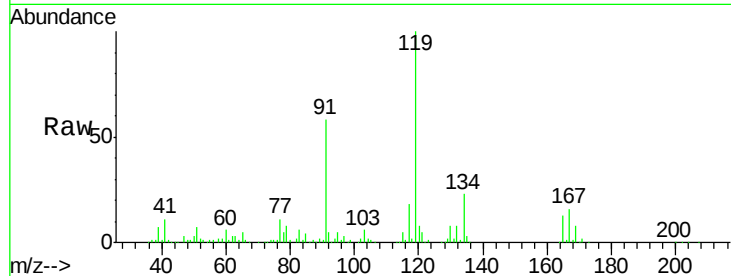




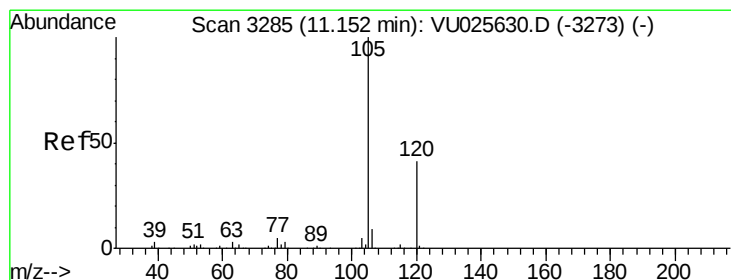
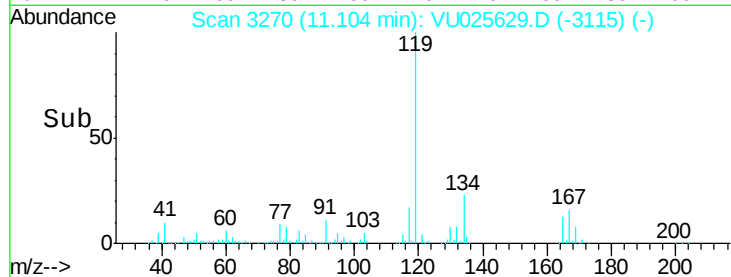
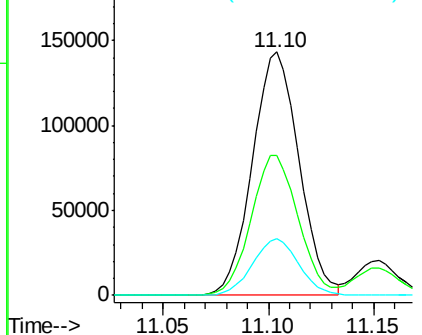
#77
 tert-Butylbenzene
 Concen: 6.744 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.6	88.8
134	23.0	19.1	28.7

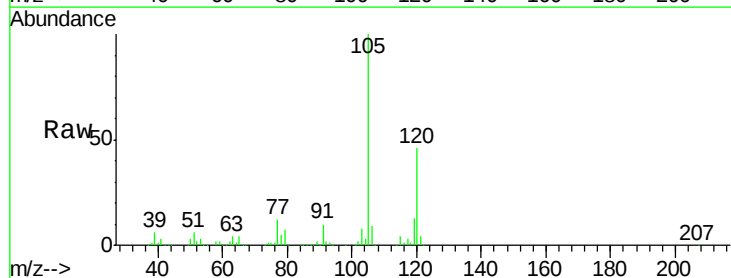


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

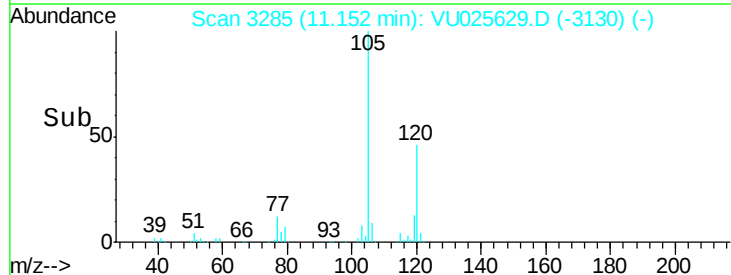
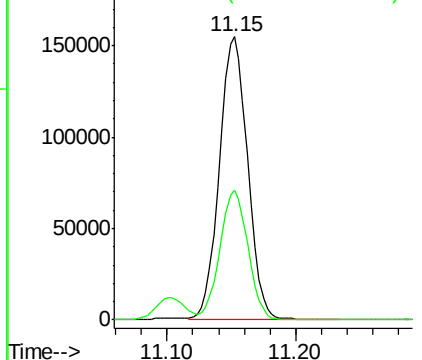


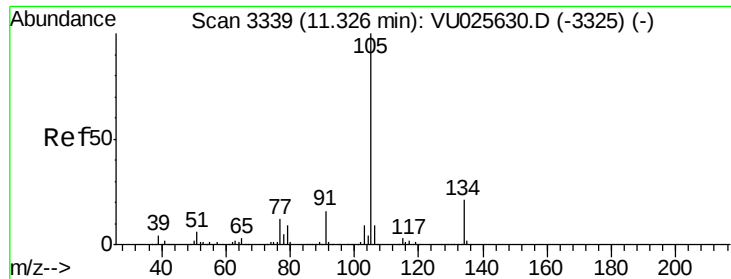
#78
 1,2,4-Trimethylbenzene
 Concen: 6.676 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

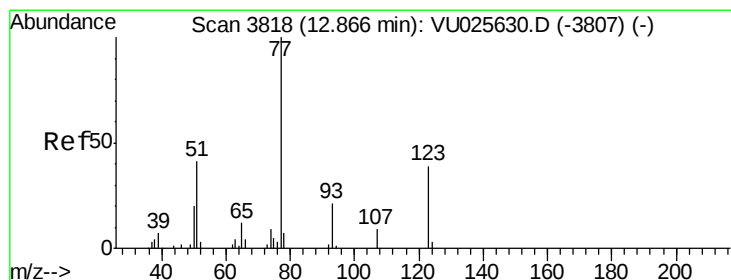
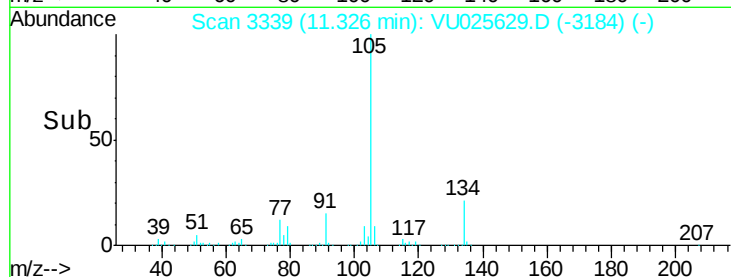
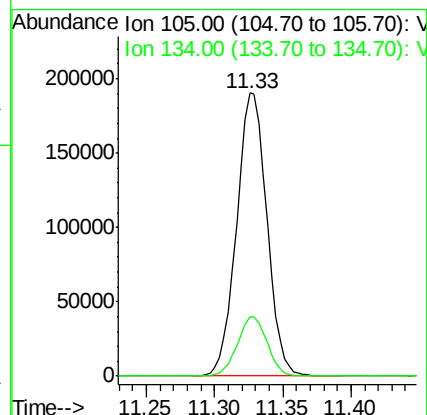
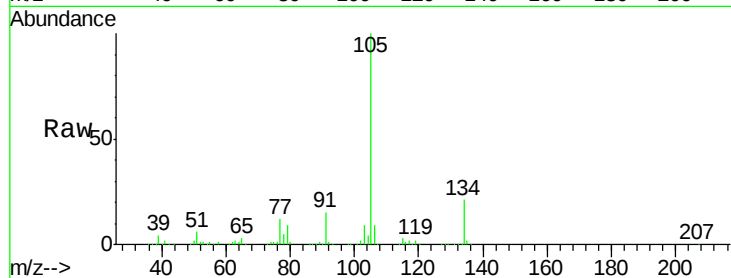




#79
 sec-Butylbenzene
 Concen: 6.398 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

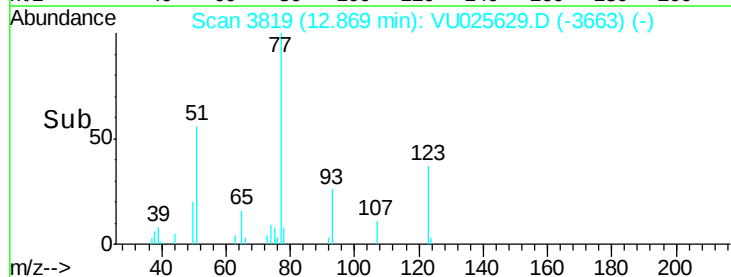
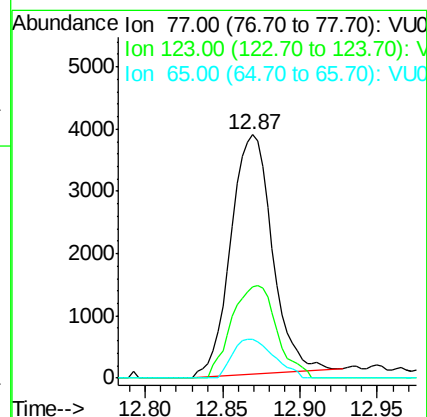
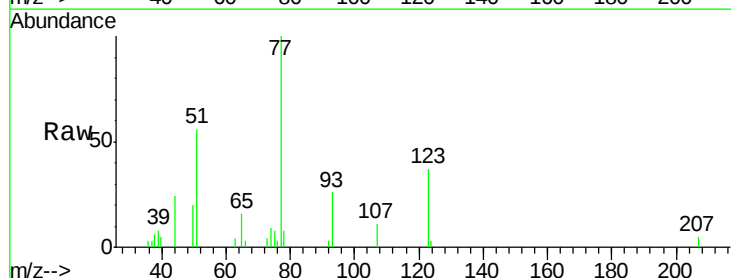
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

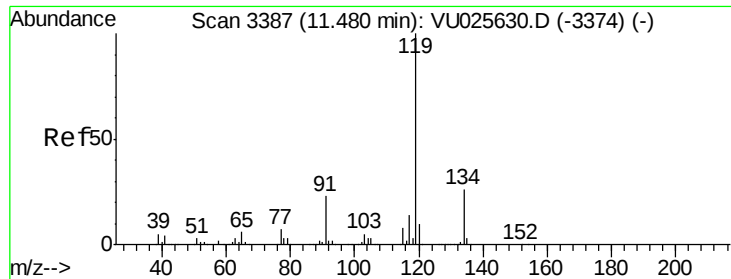
Tgt Ion: 105 Resp: 293363
 Ion Ratio Lower Upper
 105 100
 134 20.7 15.6 23.4



#80
 Nitrobenzene
 Concen: 25.963 ug/l
 RT: 12.87 min Scan# 3819
 Delta R.T. 0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 77 Resp: 7199
 Ion Ratio Lower Upper
 77 100
 123 41.9 19.4 68.6
 65 16.1 11.2 14.2#

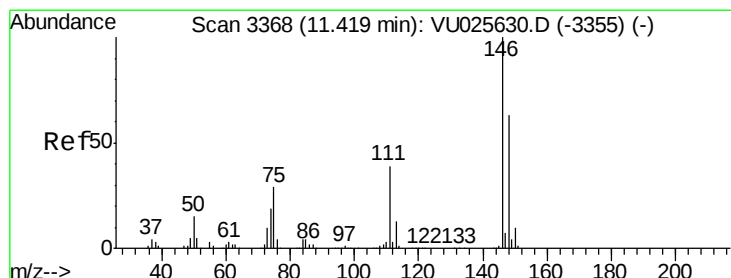
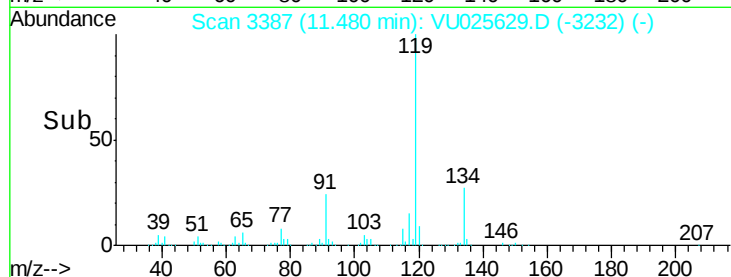
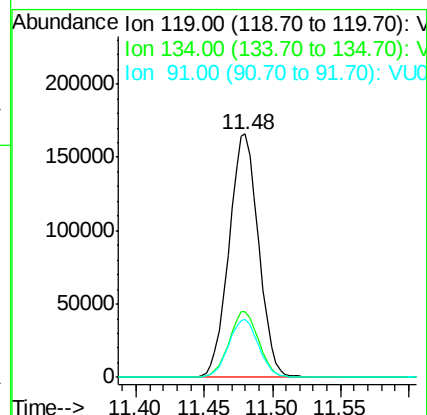
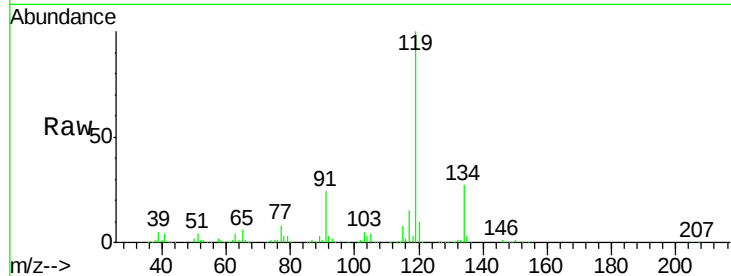




#81
p-Isopropyltoluene
Concen: 6.622 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

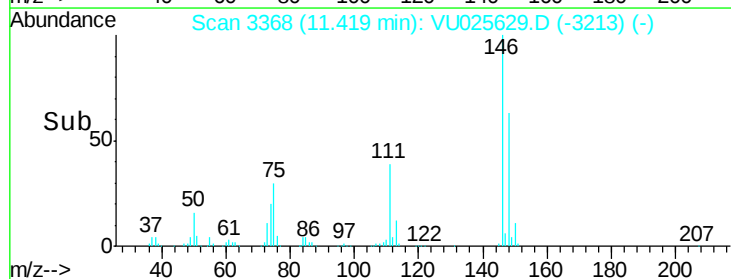
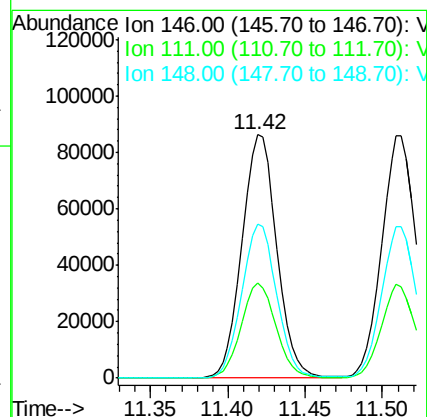
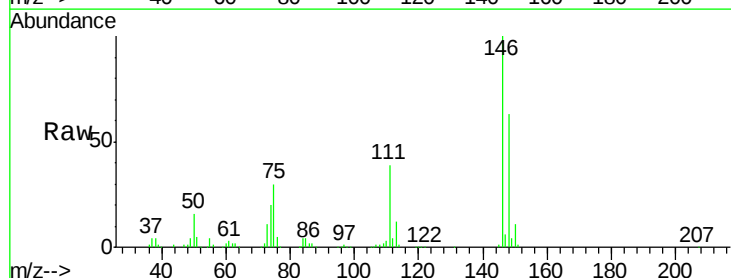
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

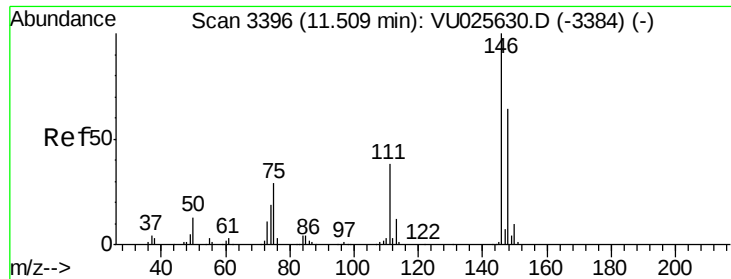
Tgt Ion:119 Resp: 249531
Ion Ratio Lower Upper
119 100
134 27.0 20.9 31.3
91 24.2 18.2 27.2



#82
1,3-Dichlorobenzene
Concen: 6.575 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion:146 Resp: 135534
Ion Ratio Lower Upper
146 100
111 39.0 31.8 47.6
148 63.5 51.0 76.4

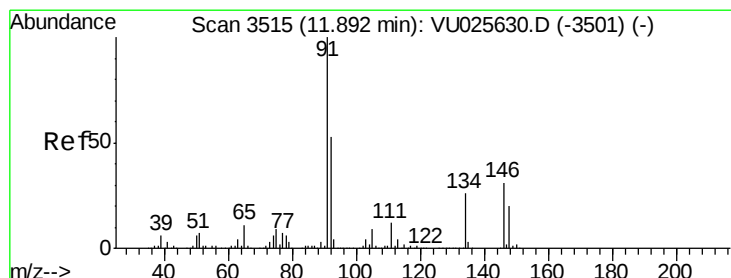
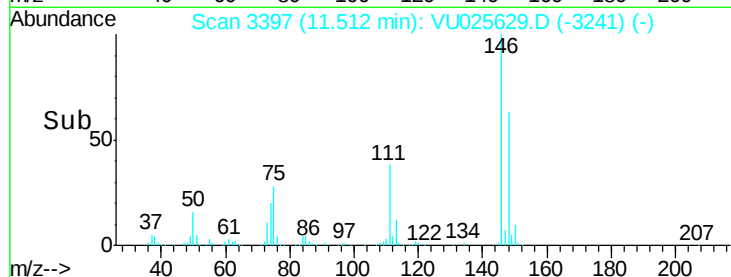
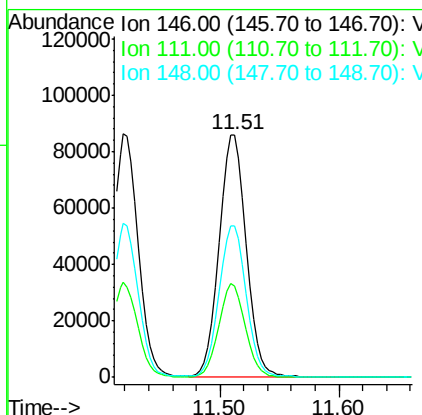
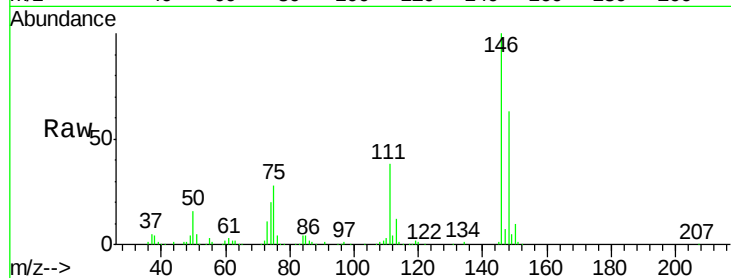




#83
 1,4-Dichlorobenzene
 Concen: 6.616 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

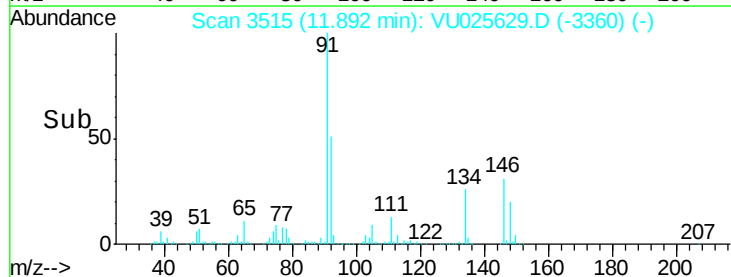
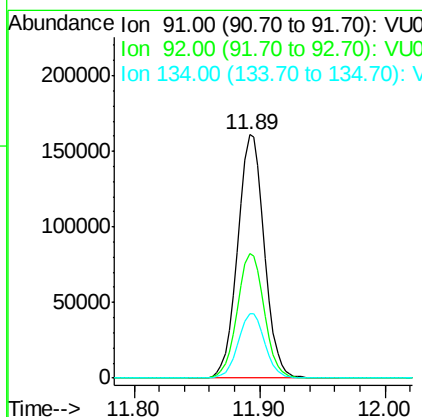
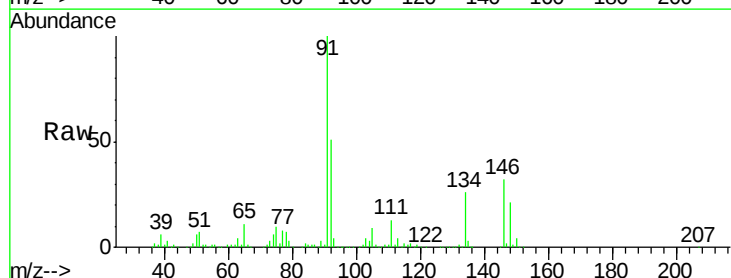
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

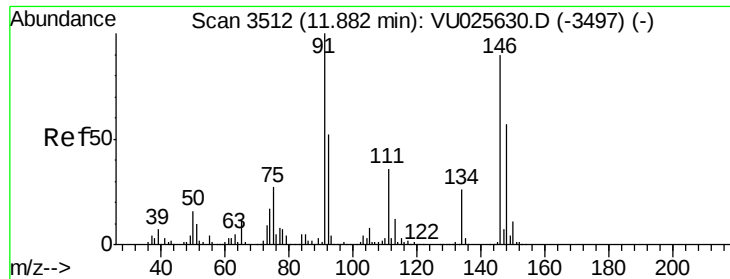
Tgt Ion: 146 Resp: 136212
 Ion Ratio Lower Upper
 146 100
 111 37.0 30.1 45.1
 148 63.0 50.6 76.0



#84
 n-Butylbenzene
 Concen: 6.442 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 91 Resp: 236974
 Ion Ratio Lower Upper
 91 100
 92 51.8 42.2 63.2
 134 26.6 20.3 30.5





#85

1,2-Dichlorobenzene

Concen: 6.597 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

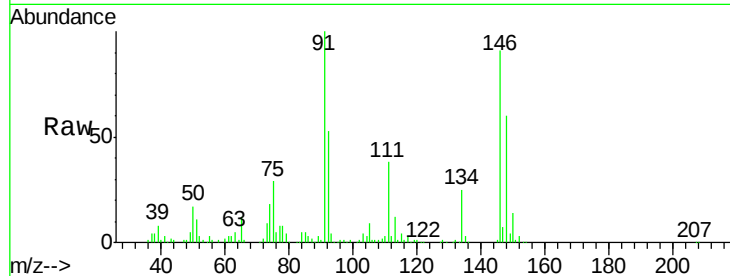
Tgt Ion:146 Resp: 122789

Ion Ratio Lower Upper

146 100

111 41.2 20.7 62.1

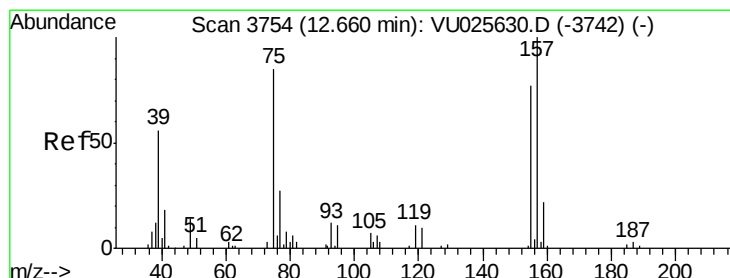
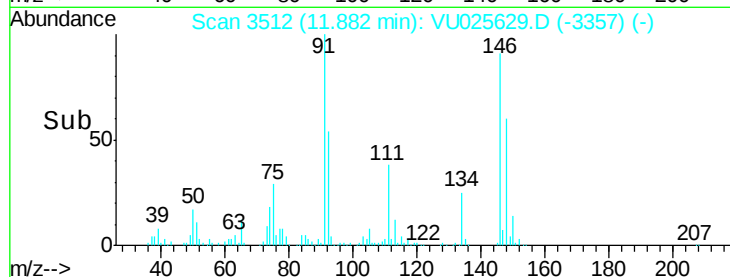
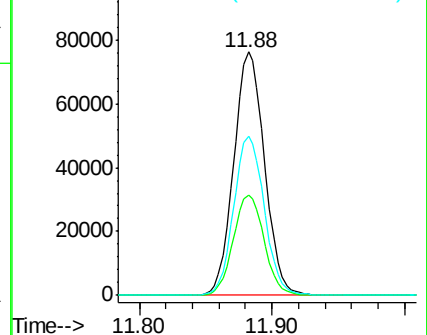
148 65.0 31.9 95.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 7.451 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

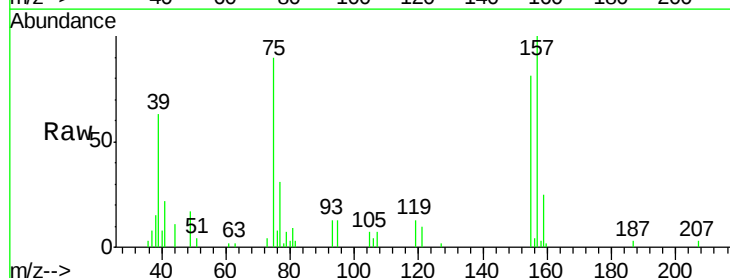
Tgt Ion: 75 Resp: 8394

Ion Ratio Lower Upper

75 100

155 87.1 65.8 98.6

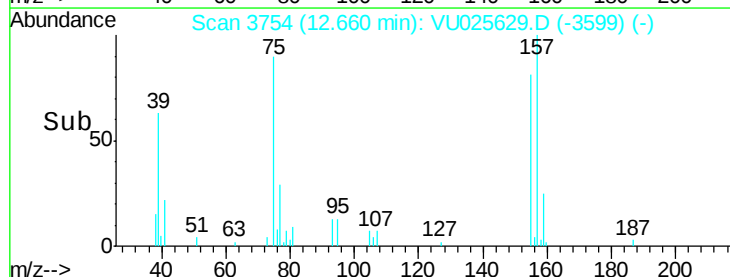
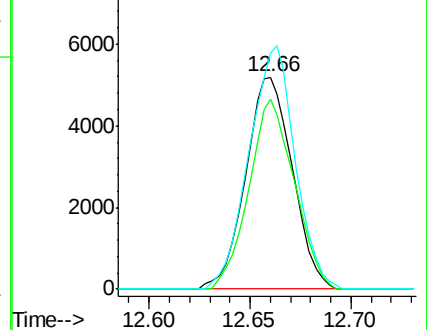
157 113.6 83.5 125.3

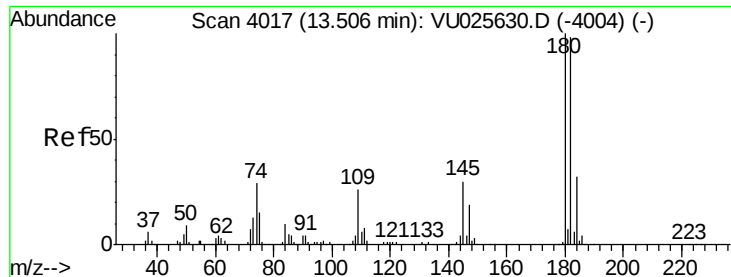


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

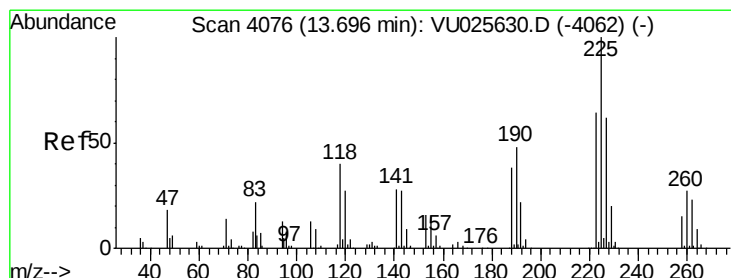
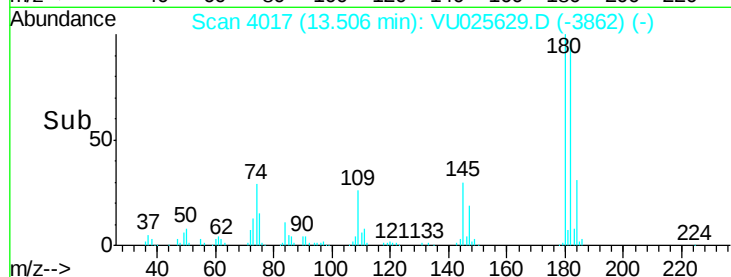
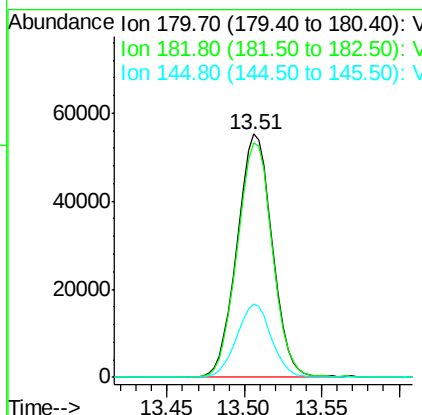
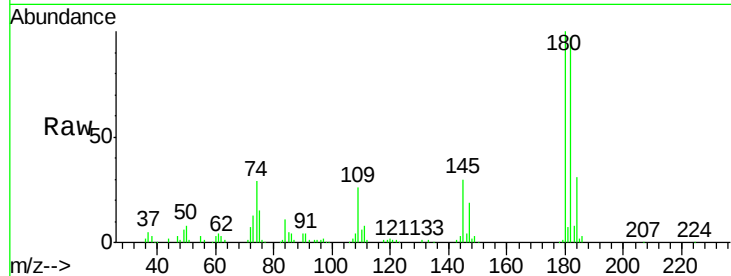




#87
 1,2,4-Trichlorobenzene
 Concen: 6.492 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

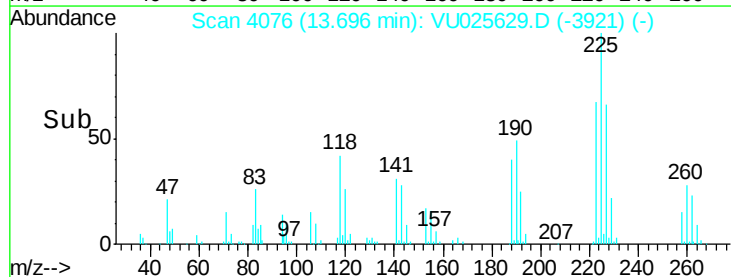
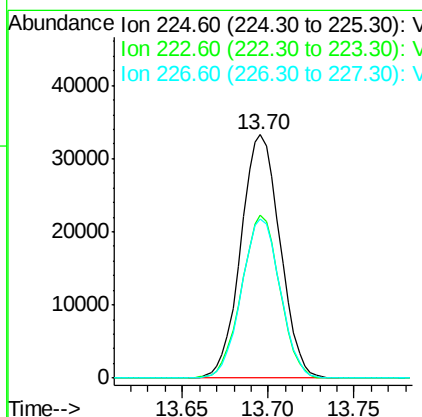
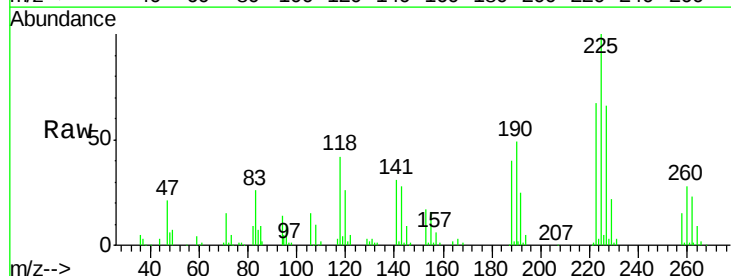
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

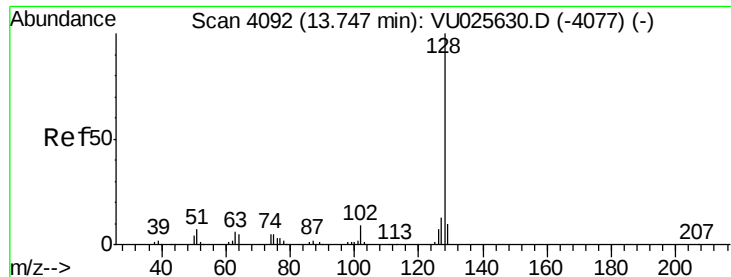
Tgt Ion:180 Resp: 87402
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 145 29.6 23.3 34.9



#88
 Hexachlorobutadiene
 Concen: 6.439 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion:225 Resp: 52555
 Ion Ratio Lower Upper
 225 100
 223 65.2 50.6 75.8
 227 64.3 51.8 77.6





#89

Naphthalene

Concen: 7.017 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

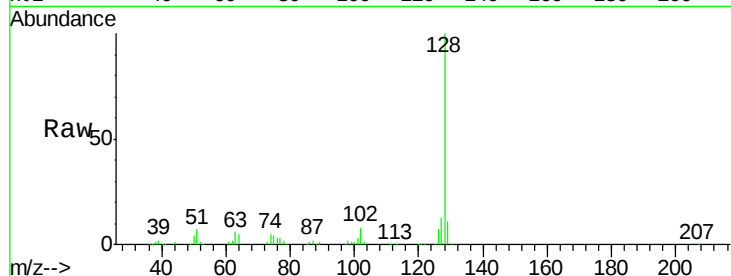
Tgt Ion:128 Resp: 142250

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

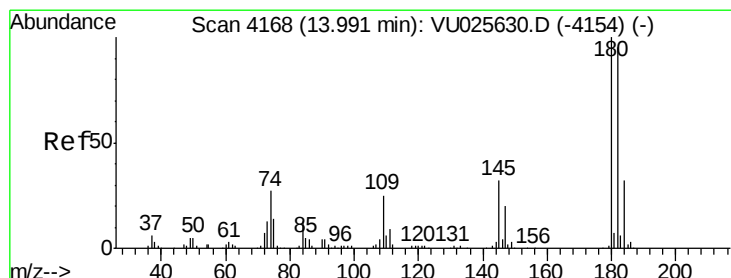
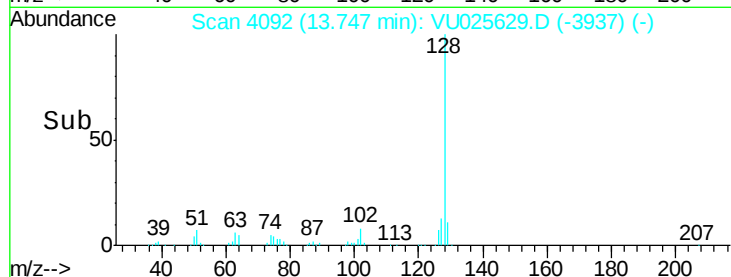
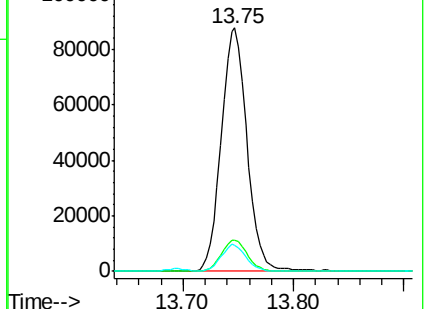
129 10.6 8.7 13.1



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: 6.357 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

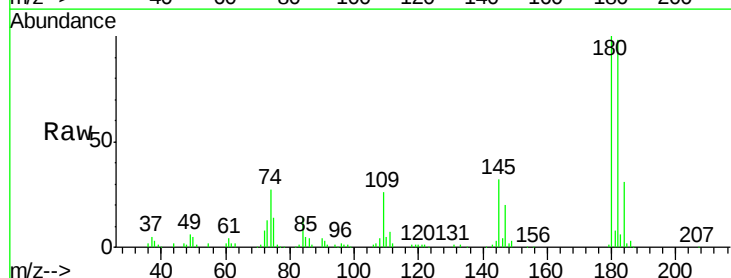
Tgt Ion:180 Resp: 80335

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 31.6 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

