

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
 Data File : VU026200.D
 Acq On : 20 Aug 2018 11:36
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 20 13:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	31532	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	10303	0.88	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	13334	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	13149	1.169 ug/l	97
3) Chloromethane	1.33	50	11553	1.087 ug/l	99
4) Vinyl Chloride	1.40	62	10928	1.111 ug/l	99
5) Bromomethane	1.63	94	6230	1.300 ug/l	93
6) Chloroethane	1.70	64	6662	1.128 ug/l	93
7) Trichlorofluoromethane	1.89	101	16309	1.137 ug/l	89
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	9499	1.206 ug/l	98
9) 1,1-Dichloroethene	2.29	96	7785	1.120 ug/l	96
10) Iodomethane	2.42	142	9372	2.106 ug/l	92
12) Acrylonitrile	2.94	53	3567	2.327 ug/l	93
13) Acetone	2.32	43	8544	6.410 ug/l	99
14) Carbon Disulfide	2.48	76	27124	1.141 ug/l	99
15) Methylene Chloride	2.71	84	9731	1.174 ug/l	92
16) trans-1,2-Dichloroethene	2.98	96	9023	1.158 ug/l	94
17) 1,1-Dichloroethane	3.45	63	16640	1.076 ug/l	97
18) 2-Butanone	4.28	43	12150	5.253 ug/l	95
19) Cyclohexane	5.00	56	11371	0.954 ug/l	89
20) Methylcyclohexane	6.42	83	12866	0.880 ug/l	97
21) 2,2-Dichloropropane	4.23	77	17254	1.171 ug/l	97
22) cis-1,2-Dichloroethene	4.23	96	10897	1.110 ug/l	93
23) Diethyl Ether	2.11	59	5998	1.139 ug/l	99
24) tert-Butyl Alcohol	2.83	59	6578	10.635 ug/l #	90
25) Methyl tert-Butyl Ether	3.01	73	19693	1.047 ug/l	95
26) Bromochloromethane	4.55	128	4687	1.085 ug/l	85
27) Chloroform	4.68	83	19096	1.124 ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	16917	1.104 ug/l	97
29) 1,1-Dichloropropene	5.14	75	12855	1.023 ug/l	98
30) Carbon Tetrachloride	5.14	117	16019	1.151 ug/l	96
31) Isopropyl Ether	3.58	45	25912	1.046 ug/l	90
32) Ethyl-t-butyl ether	4.08	59	22017	0.935 ug/l	90
33) Tert-Amyl methyl ether	5.59	73	18178	0.875 ug/l	96
34) Propionitrile	4.33	54	1769	2.753 ug/l #	61
35) Benzene	5.39	78	36819	1.048 ug/l	99
36) 1,2-Dichloroethane	5.41	62	11878	1.101 ug/l	95
37) Trichloroethene	6.19	130	10361	1.001 ug/l	92
38) 1,2-Dichloropropane	6.44	63	10216	1.121 ug/l	100
39) Methacrylonitrile	4.55	41	2949	0.997 ug/l	89
40) Methyl acrylate	4.43	55	4468	1.001 ug/l #	94
41) Tetrahydrofuran	4.66	42	3487	1.995 ug/l	96
42) 1-Chlorobutane	5.07	56	17081	0.997 ug/l	98
43) Dibromomethane	6.56	93	5346	1.124 ug/l	95

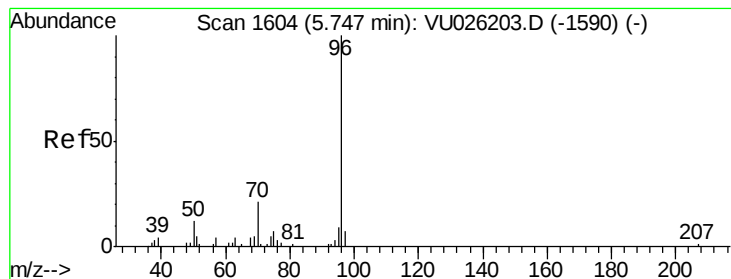
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
 Data File : VU026200.D
 Acq On : 20 Aug 2018 11:36
 Operator : MD/SY
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Quant Time: Aug 20 13:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.76	83	13461	1.116	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	23959	4.515	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	5458	3.736	ug/l #	71
47) Methyl methacrylate	6.63	69	6807	1.711	ug/l #	89
48) Ethyl methacrylate	8.02	69	6003	0.751	ug/l	93
49) Toluene	7.64	92	19171	0.893	ug/l	92
50) t-1,3-Dichloropropene	7.89	75	10731	0.986	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	12960	0.994	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	7141	1.119	ug/l	97
53) 1,3-Dichloropropane	8.25	76	11076	1.028	ug/l	100
54) 2-Hexanone	8.37	43	17320	4.621	ug/l	95
55) Dibromochloromethane	8.48	129	9708	1.197	ug/l	93
56) 1,2-Dibromoethane	8.59	107	6862	1.112	ug/l	95
58) Tetrachloroethene	8.23	164	9922	1.067	ug/l	92
59) Chlorobenzene	9.12	112	24044	0.974	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	9938	1.084	ug/l	99
61) Pentachloroethane	11.10	117	8674	1.240	ug/l	95
62) Hexachloroethane	12.15	117	7951	1.113	ug/l	97
63) Ethyl Benzene	9.25	91	34725	0.846	ug/l	98
64) m/p-Xylenes	9.38	106	26522	1.643	ug/l	100
65) o-Xylene	9.78	106	12833	0.834	ug/l	100
66) Styrene	9.80	104	22043	0.844	ug/l	98
67) Bromoform	9.96	173	5748	1.201	ug/l #	97
69) Isopropylbenzene	10.17	105	34361	0.827	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	8943	1.116	ug/l	95
71) 1,2,3-Trichloropropane	10.50	75	5458	0.874	ug/l #	89
72) Bromobenzene	10.45	156	10002	0.927	ug/l	95
73) n-propylbenzene	10.59	120	9570	0.817	ug/l	96
74) 2-Chlorotoluene	10.66	126	9294	0.901	ug/l	94
75) 1,3,5-Trimethylbenzene	10.77	105	29671	0.818	ug/l	100
76) 4-Chlorotoluene	10.77	126	9613	0.887	ug/l	89
77) tert-Butylbenzene	11.10	119	30297	0.847	ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	29383	0.793	ug/l	100
79) sec-Butylbenzene	11.33	105	38881	0.827	ug/l	98
80) Nitrobenzene	12.86	77	1625	6.660	ug/l #	41
81) p-Isopropyltoluene	11.48	119	32147	0.806	ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	22295	1.004	ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	22303	1.030	ug/l	98
84) n-Butylbenzene	11.89	91	31445	0.840	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	20238	0.999	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.65	75	1495	1.130	ug/l	95
87) 1,2,4-Trichlorobenzene	13.51	180	14178	1.005	ug/l	97
88) Hexachlorobutadiene	13.70	225	9400	1.084	ug/l	95
89) Naphthalene	13.75	128	20141	0.879	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	13226	1.026	ug/l	97

(#) = 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: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 31532

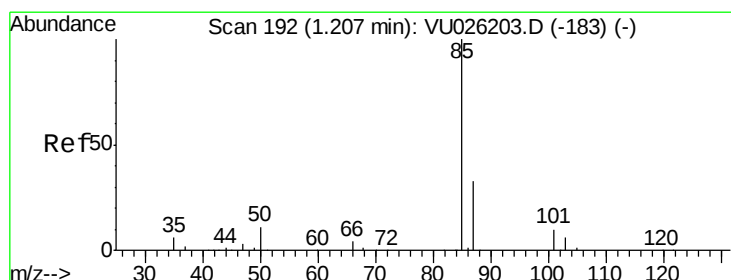
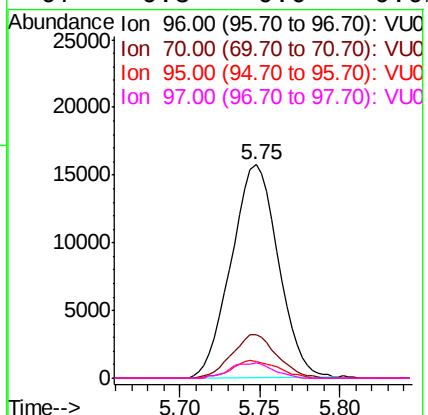
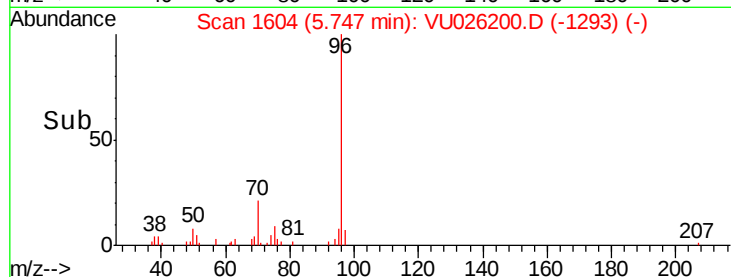
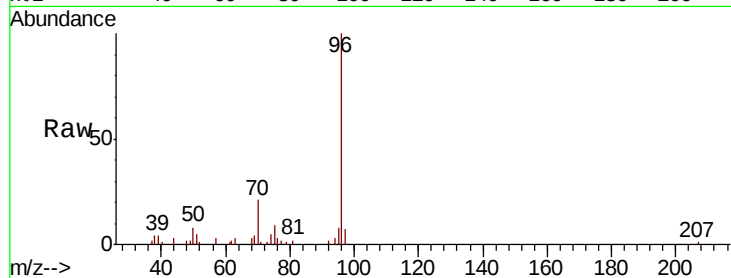
Ion Ratio Lower Upper

96 100

70 19.7 16.2 24.4

95 8.2 6.9 10.3

97 6.8 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.169 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU026200.D

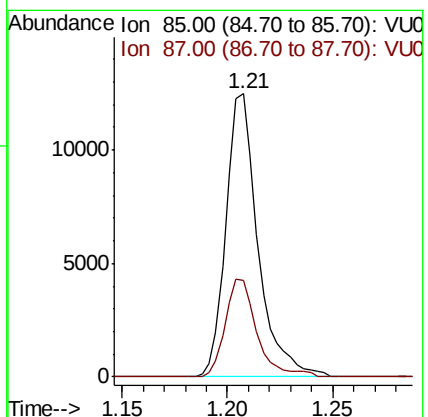
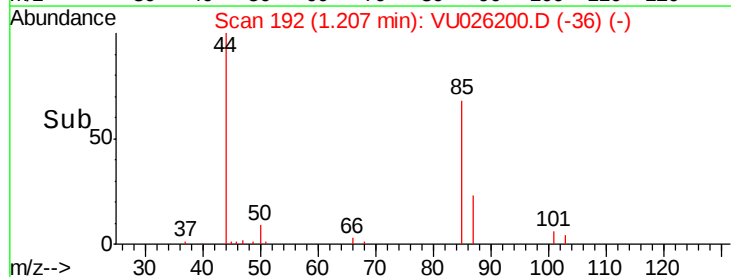
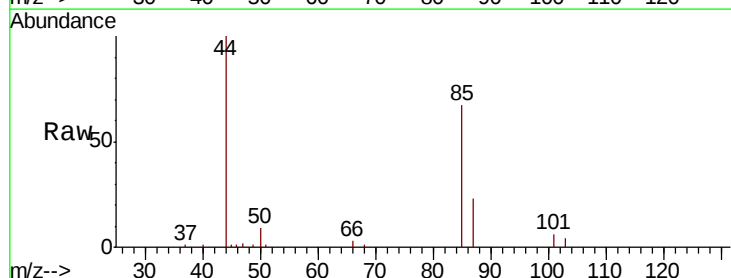
Acq: 20 Aug 2018 11:36

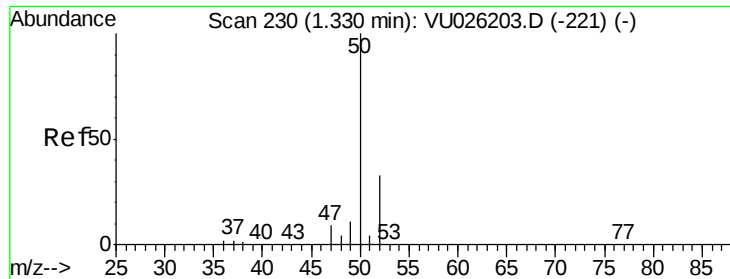
Tgt Ion: 85 Resp: 13149

Ion Ratio Lower Upper

85 100

87 34.1 16.2 48.5





#3

Chloromethane

Concen: 1.087 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

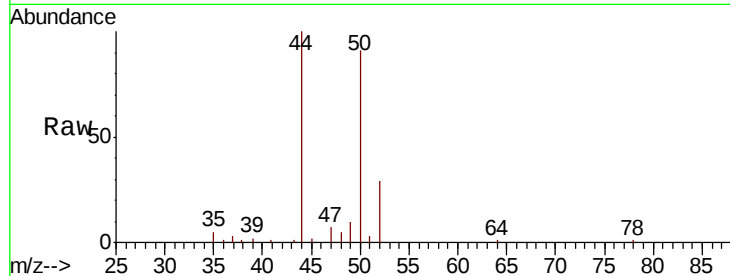
VSTDIC001

Tgt Ion: 50 Resp: 11553

Ion Ratio Lower Upper

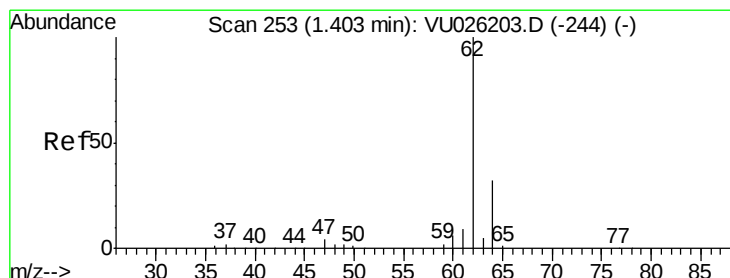
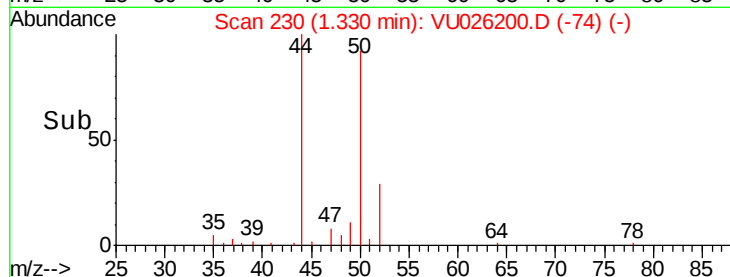
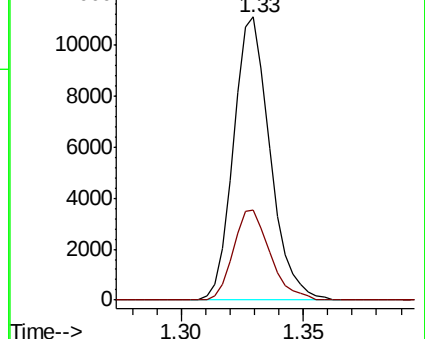
50 100

52 31.7 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.111 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026200.D

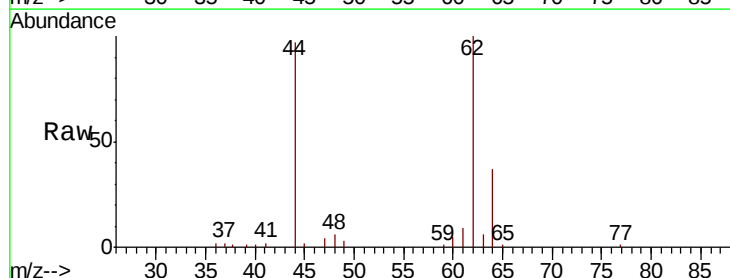
Acq: 20 Aug 2018 11:36

Tgt Ion: 62 Resp: 10928

Ion Ratio Lower Upper

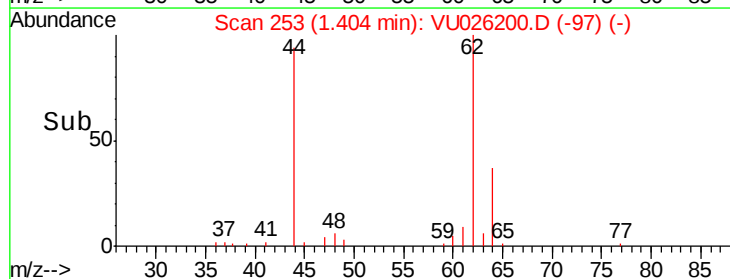
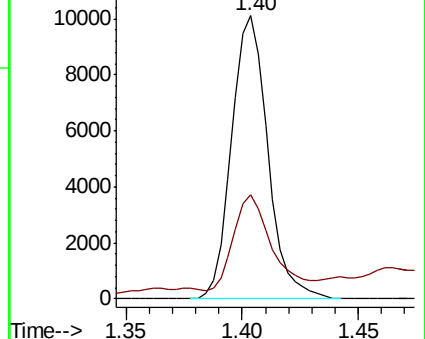
62 100

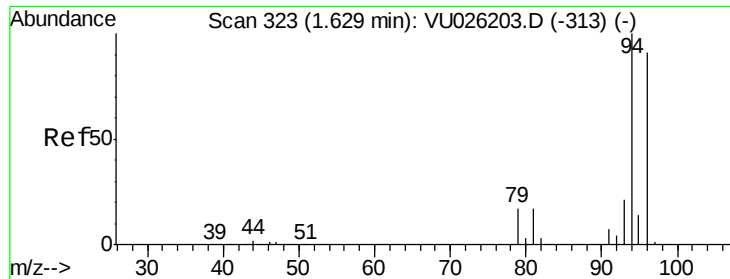
64 32.8 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.300 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

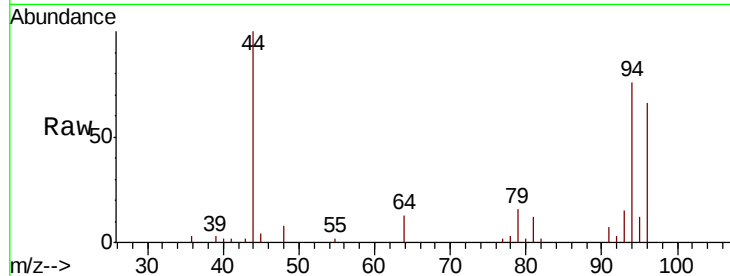
VSTDIC001

Tgt Ion: 94 Resp: 6230

Ion Ratio Lower Upper

94 100

96 87.4 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

6000

5000

4000

3000

2000

1000

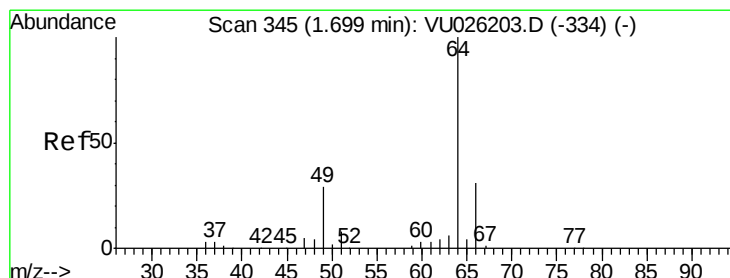
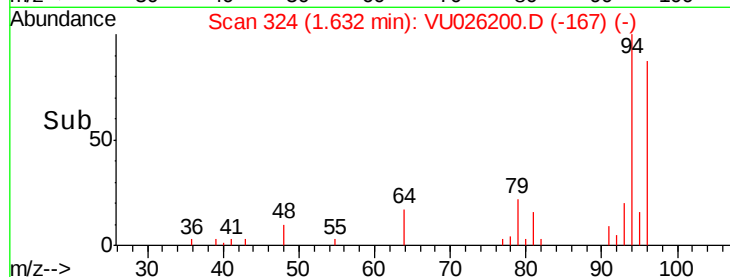
0

1.60

1.63

1.65

Time-->



#6

Chloroethane

Concen: 1.128 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026200.D

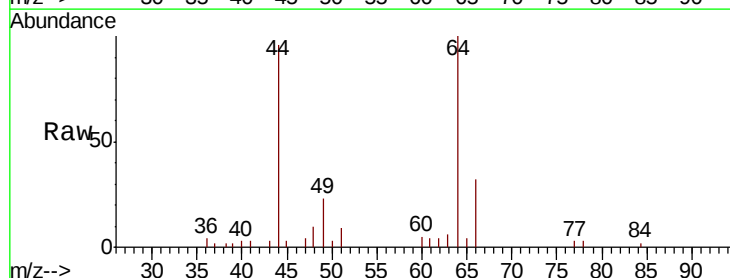
Acq: 20 Aug 2018 11:36

Tgt Ion: 64 Resp: 6662

Ion Ratio Lower Upper

64 100

66 35.1 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

6000

4000

2000

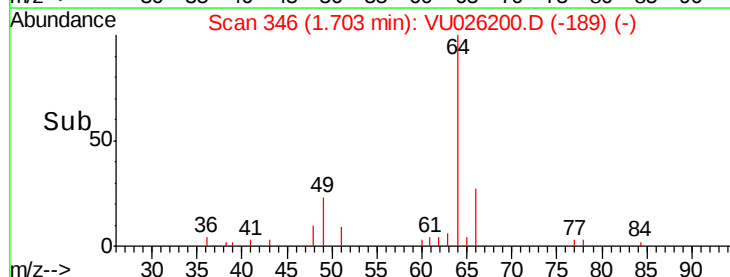
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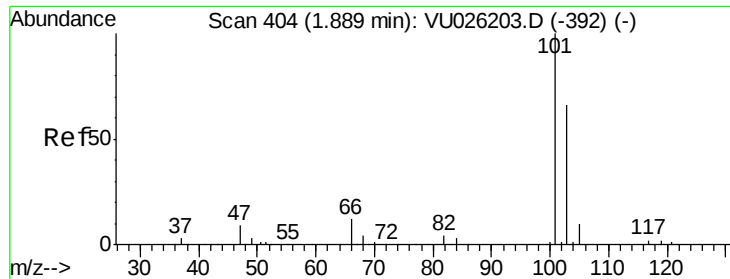
1.65

1.70

1.75

Time-->



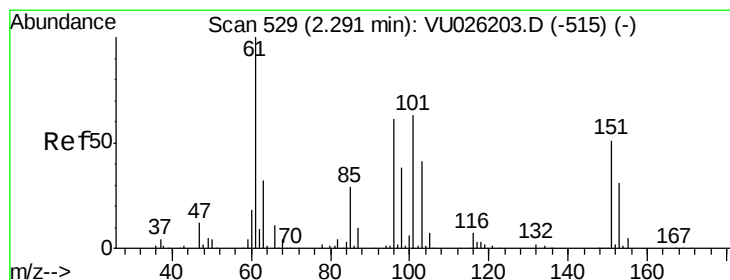
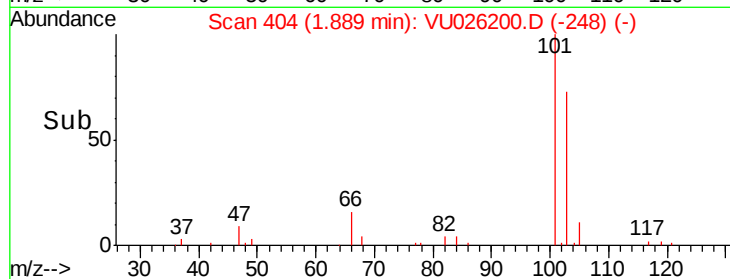
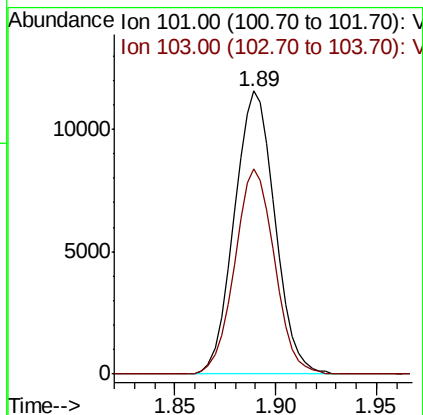
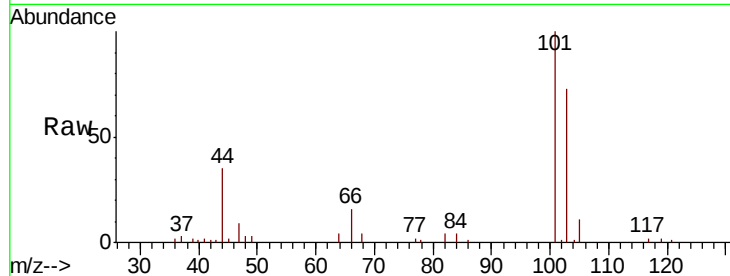


#7

Trichlorofluoromethane
 Concen: 1.137 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

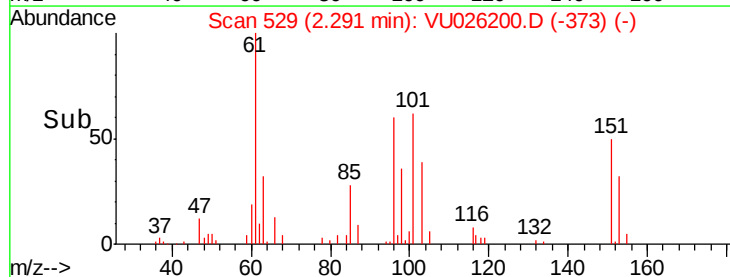
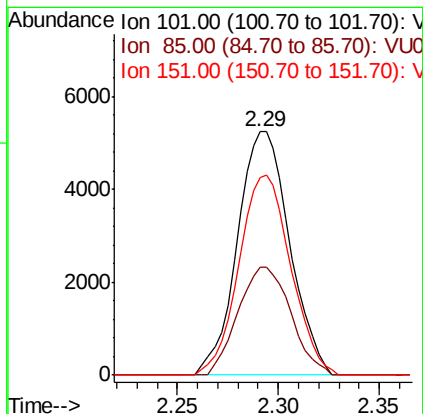
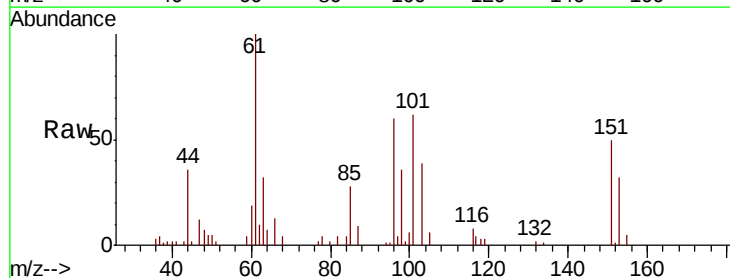
Tgt Ion:101 Resp: 16309
 Ion Ratio Lower Upper
 101 100
 103 72.5 51.4 77.0

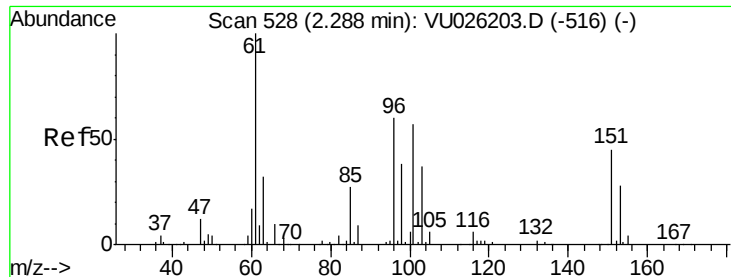


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.206 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion:101 Resp: 9499
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.2 52.8
 151 81.4 63.5 95.3





#9

1,1-Dichloroethene

Concen: 1.120 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

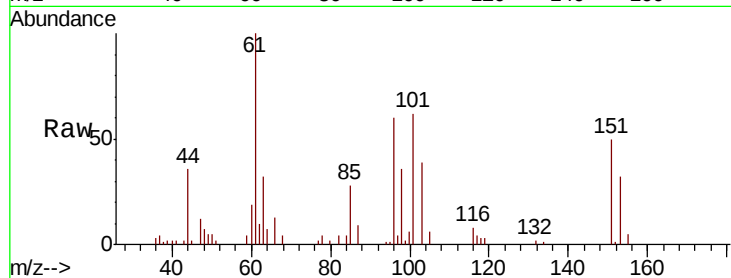
Tgt Ion: 96 Resp: 7785

Ion Ratio Lower Upper

96 100

61 167.8 0.0 526.5

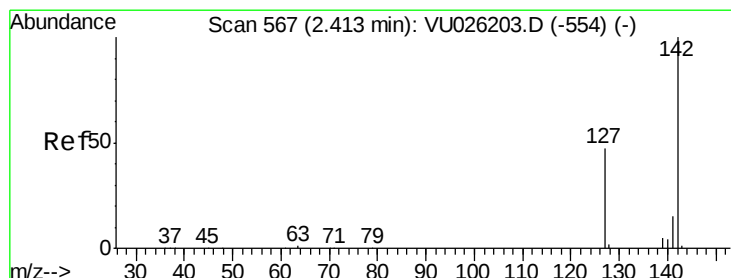
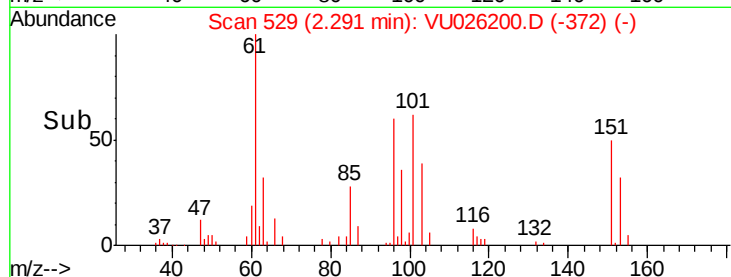
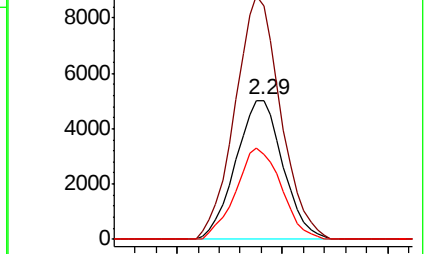
98 60.9 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU026200.D (-372) (-)

Ion 61.00 (60.70 to 61.70): VU026200.D (-372) (-)

Ion 98.00 (97.70 to 98.70): VU026200.D (-372) (-)



#10

Iodomethane

Concen: 2.106 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU026200.D

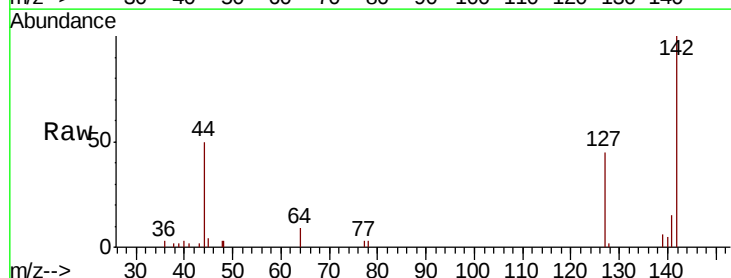
Acq: 20 Aug 2018 11:36

Tgt Ion: 142 Resp: 9372

Ion Ratio Lower Upper

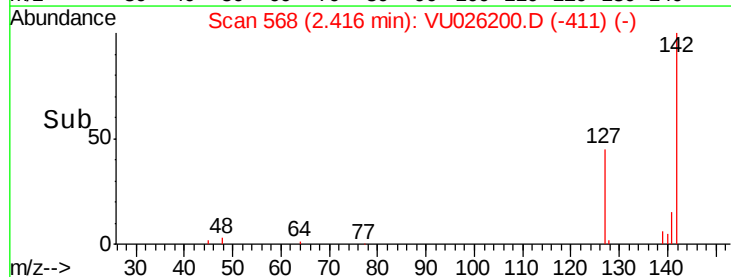
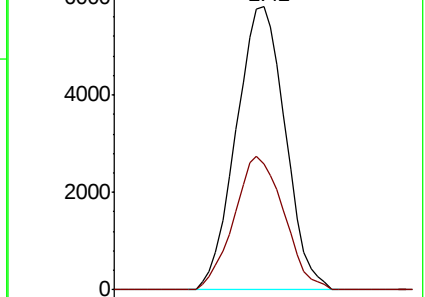
142 100

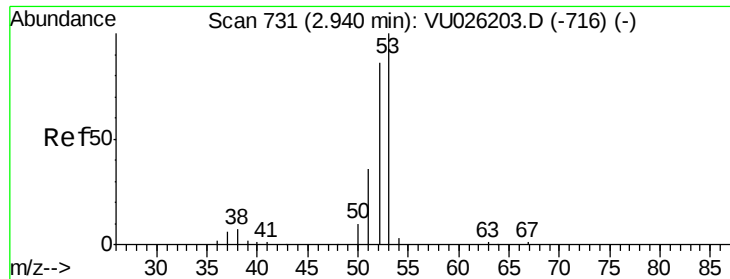
127 48.2 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU026200.D (-411) (-)

Ion 127.00 (126.70 to 127.70): VU026200.D (-411) (-)





#12

Acrylonitrile

Concen: 2.327 ug/l

RT: 2.94 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

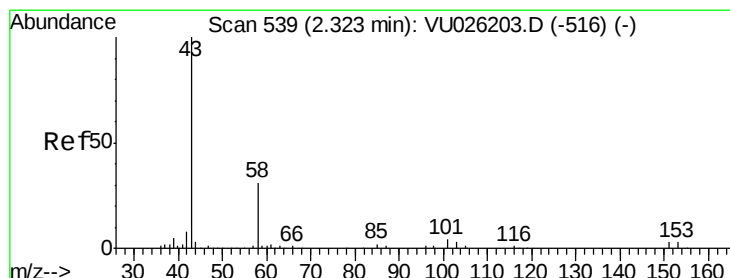
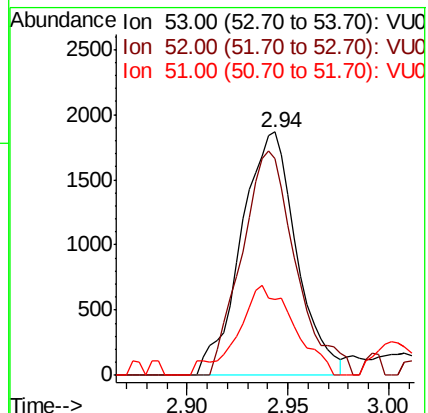
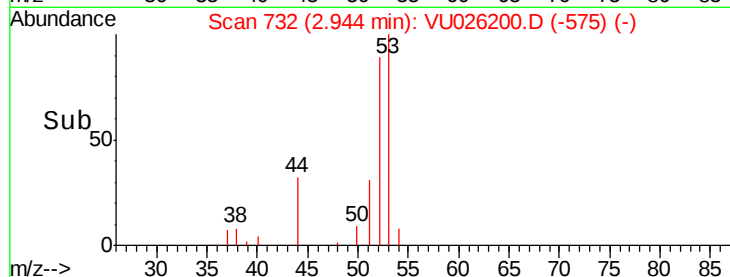
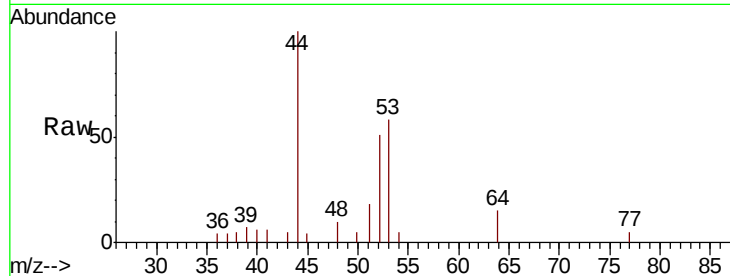
Tgt Ion: 53 Resp: 3567

Ion Ratio Lower Upper

53 100

52 90.0 65.1 97.7

51 37.8 30.2 45.4



#13

Acetone

Concen: 6.410 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026200.D

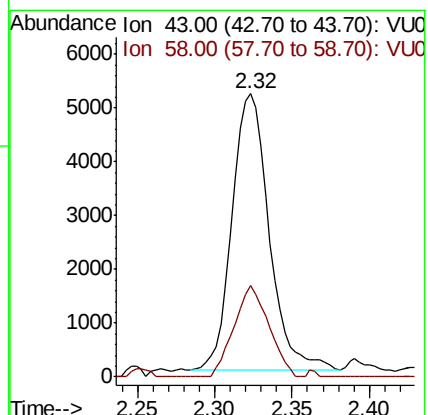
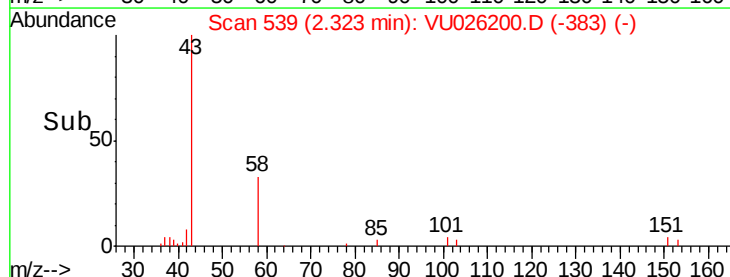
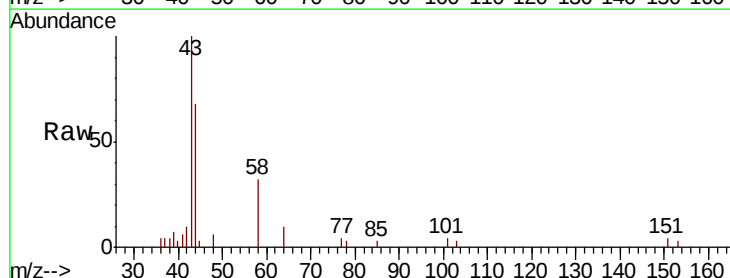
Acq: 20 Aug 2018 11:36

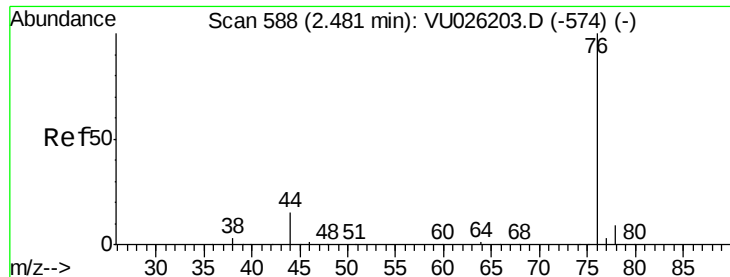
Tgt Ion: 43 Resp: 8544

Ion Ratio Lower Upper

43 100

58 32.9 26.0 39.0





#14

Carbon Disulfide

Concen: 1.141 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

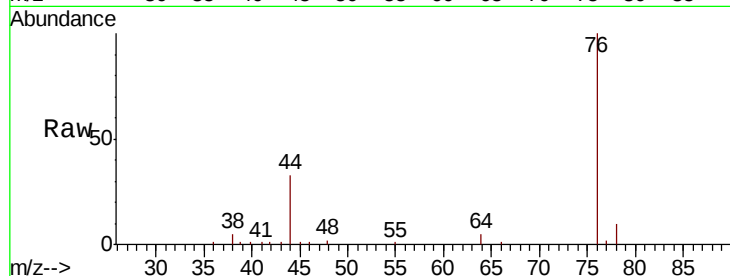
VSTDIC001

Tgt Ion: 76 Resp: 27124

Ion Ratio Lower Upper

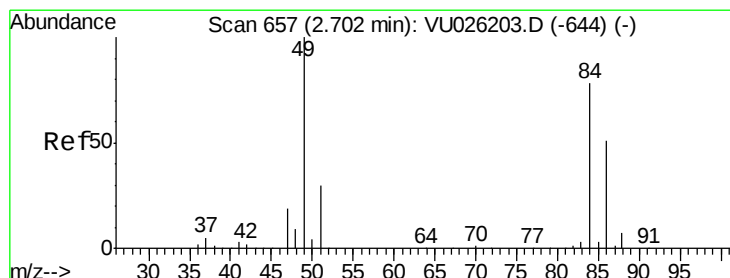
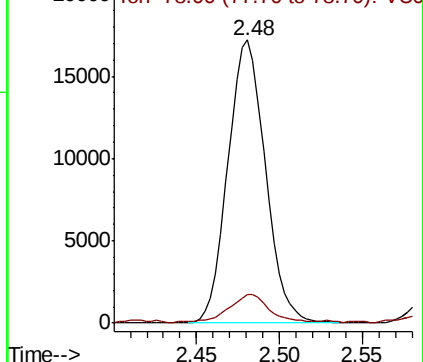
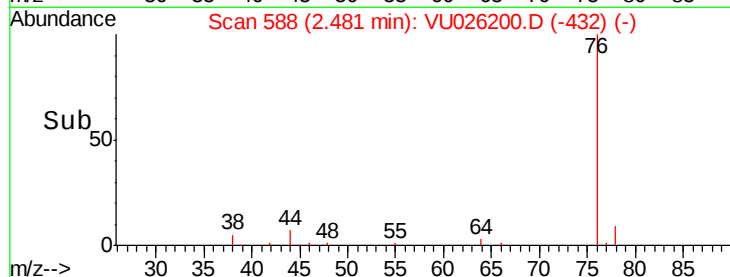
76 100

78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU026200.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VU026200.D (-432) (-)



#15

Methylene Chloride

Concen: 1.174 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Tgt Ion: 84 Resp: 9731

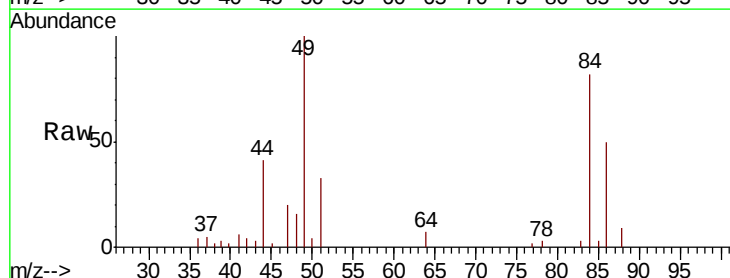
Ion Ratio Lower Upper

84 100

49 122.1 108.7 163.1

51 39.8 0.0 82.4

86 60.6 50.7 76.1

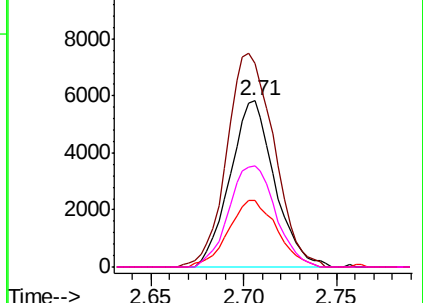
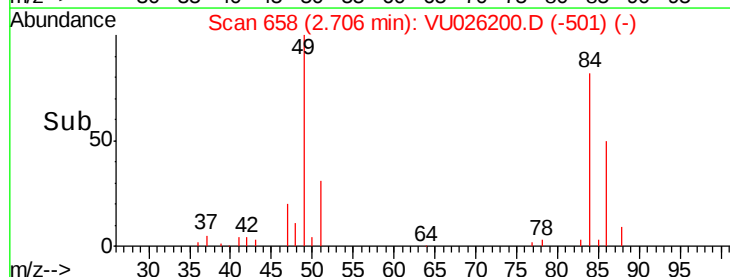


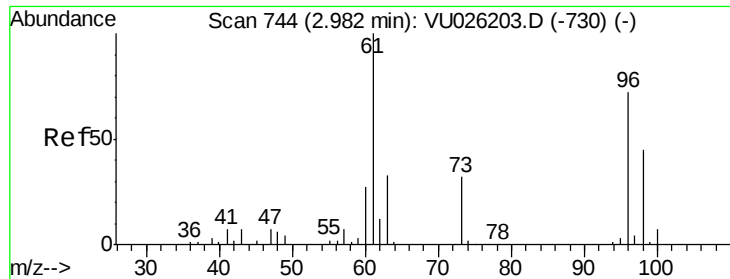
Abundance Ion 84.00 (83.70 to 84.70): VU026200.D (-501) (-)

Ion 49.00 (48.70 to 49.70): VU026200.D (-501) (-)

Ion 51.00 (50.70 to 51.70): VU026200.D (-501) (-)

Ion 86.00 (85.70 to 86.70): VU026200.D (-501) (-)

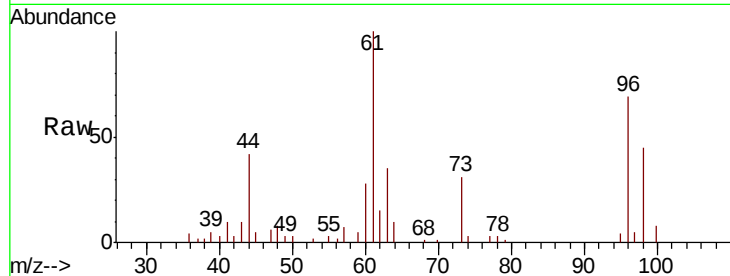




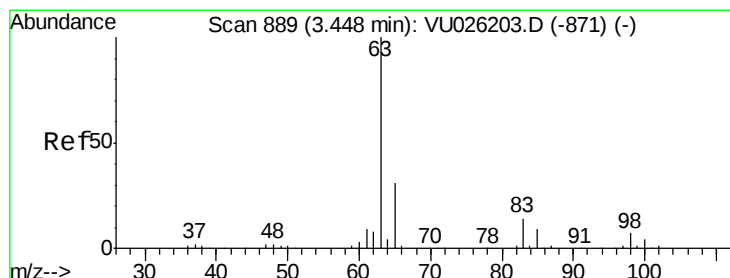
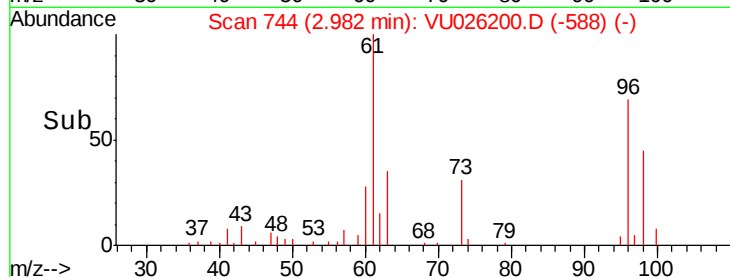
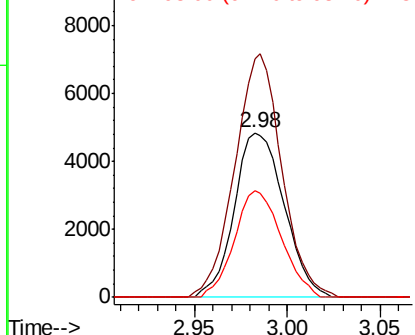
#16
trans-1,2-Dichloroethene
Concen: 1.158 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 9023
Ion Ratio Lower Upper
96 100
61 144.7 123.9 185.9
98 65.1 50.6 76.0

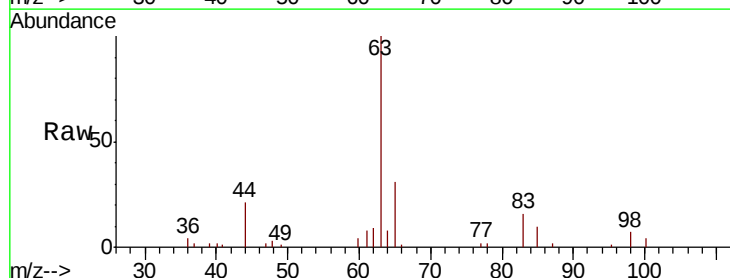


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

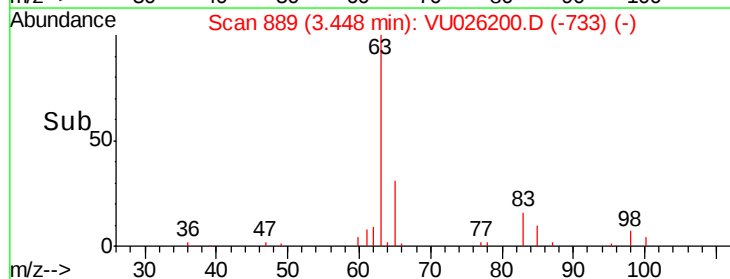
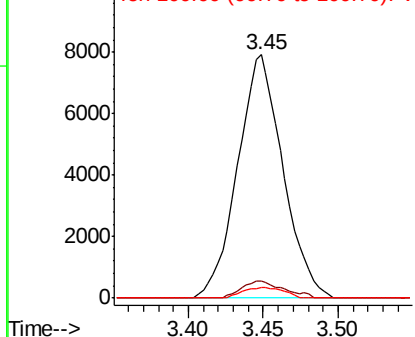


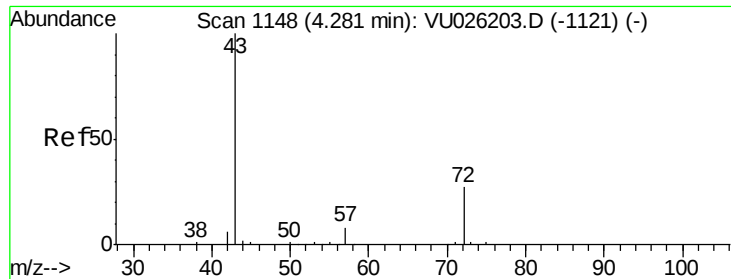
#17
1,1-Dichloroethane
Concen: 1.076 ug/l
RT: 3.45 min Scan# 889
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 63 Resp: 16640
Ion Ratio Lower Upper
63 100
98 7.2 2.9 8.8
100 4.4 2.0 5.8



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

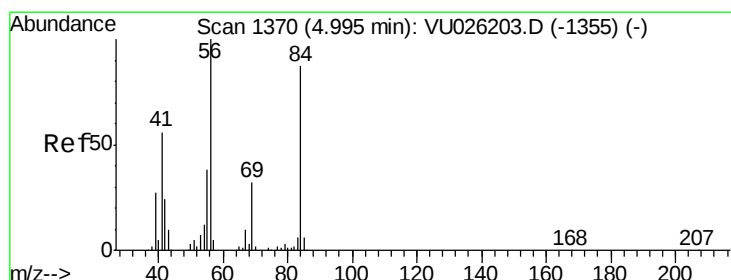
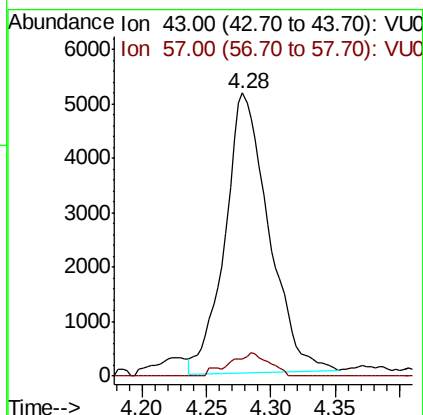
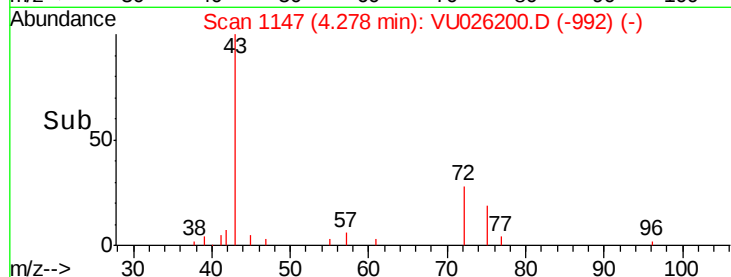
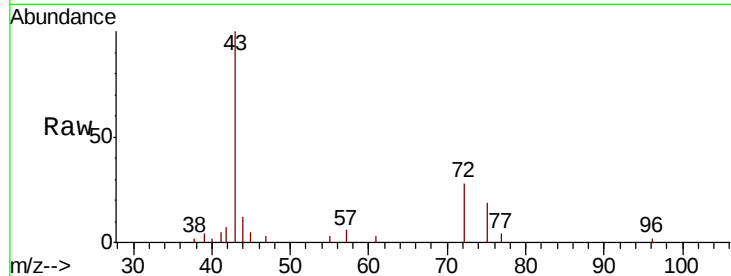




#18
2-Butanone
Concen: 5.253 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

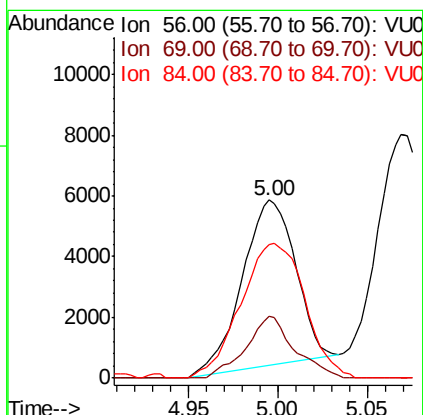
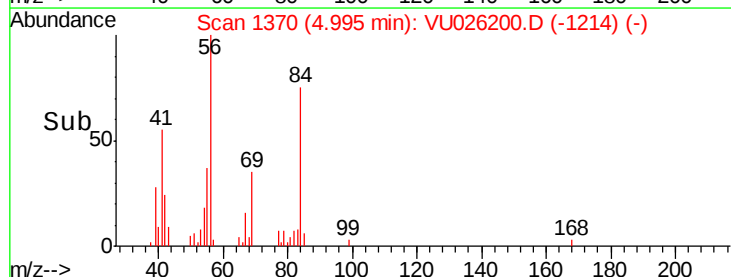
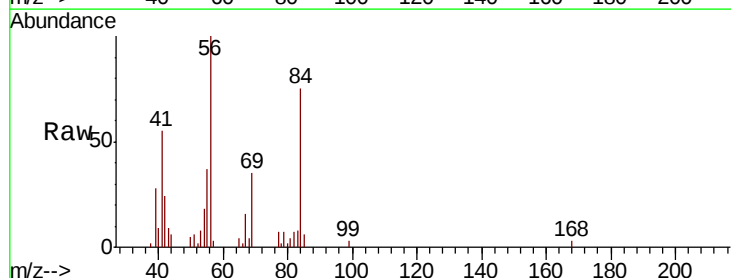
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

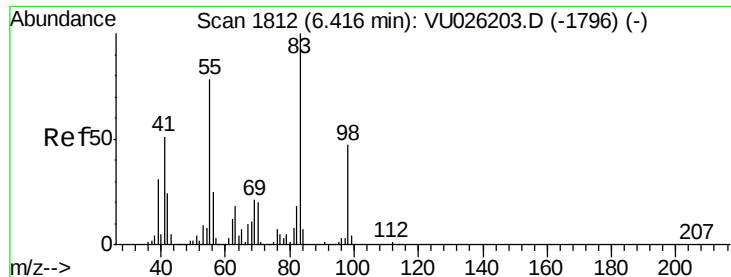
Tgt Ion: 43 Resp: 12150
Ion Ratio Lower Upper
43 100
57 6.2 0.0 15.8



#19
Cyclohexane
Concen: 0.954 ug/l
RT: 5.00 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 56 Resp: 11371
Ion Ratio Lower Upper
56 100
69 34.1 26.0 39.0
84 97.9 68.3 102.5

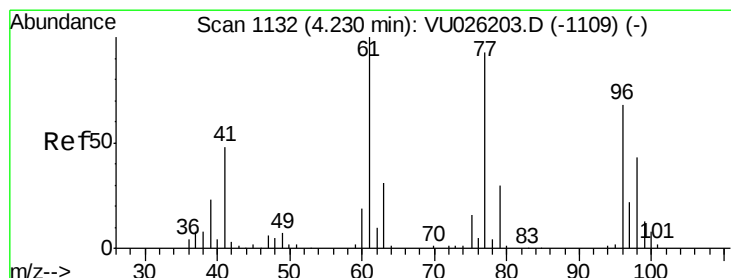
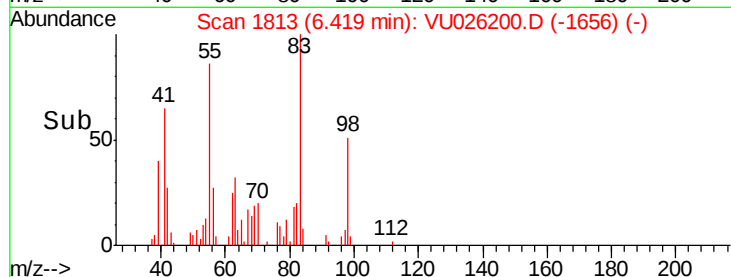
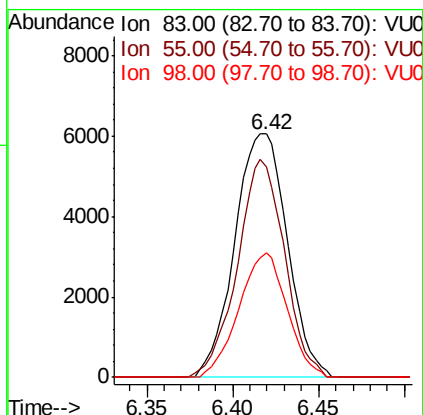
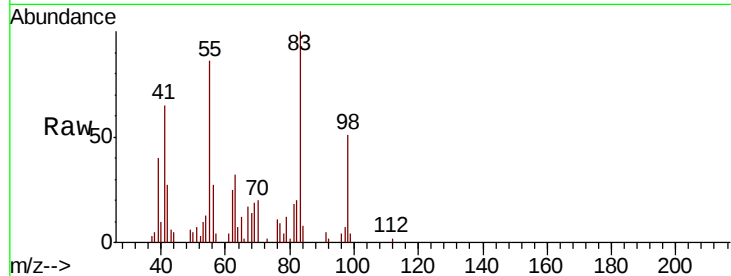




#20
Methylcyclohexane
Concen: 0.880 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

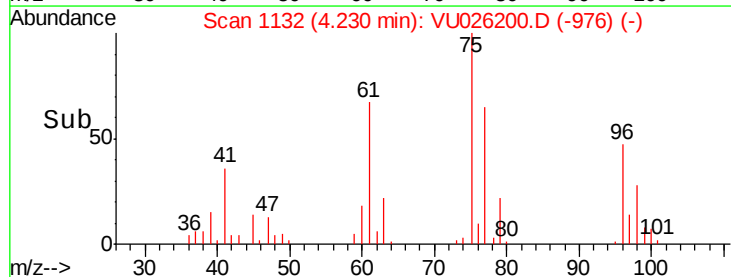
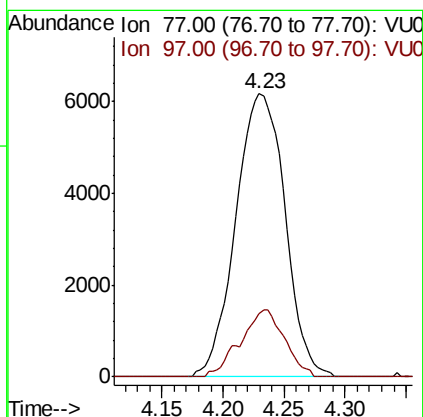
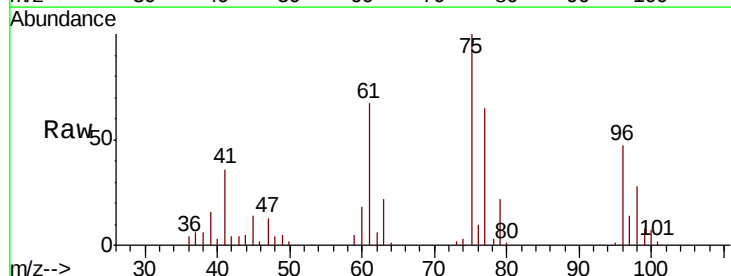
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

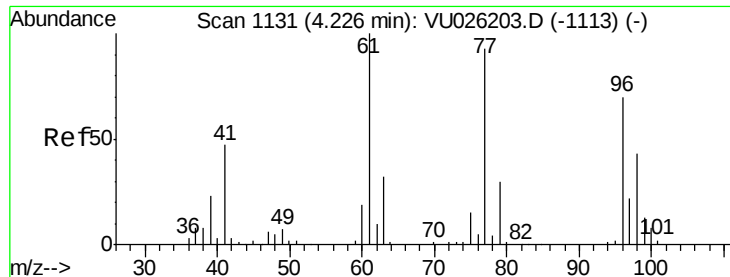
Tgt Ion: 83 Resp: 12866
Ion Ratio Lower Upper
83 100
55 80.1 66.4 99.6
98 46.9 35.4 53.2



#21
2,2-Dichloropropane
Concen: 1.171 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 77 Resp: 17254
Ion Ratio Lower Upper
77 100
97 21.1 17.9 26.9

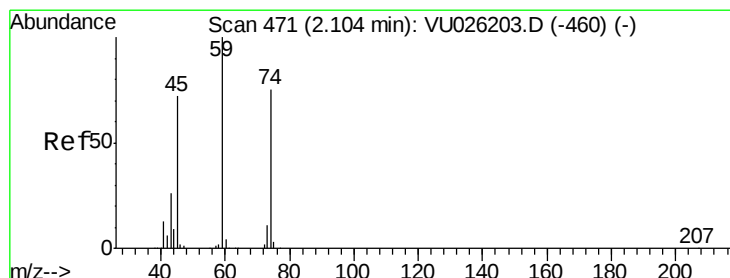
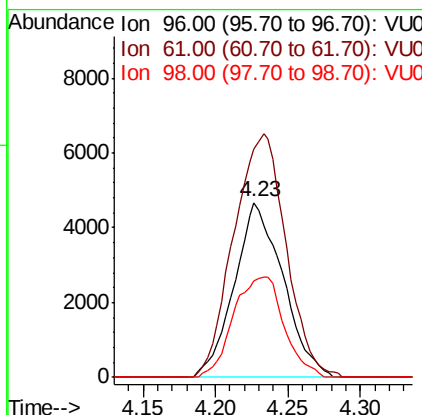
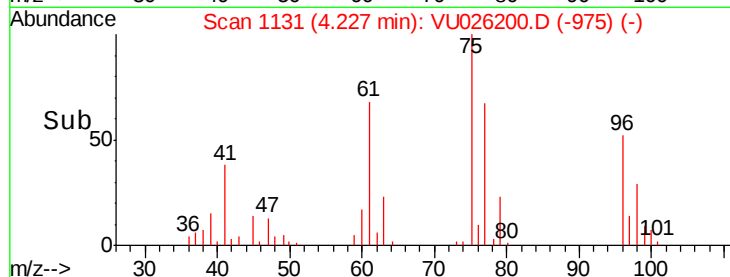
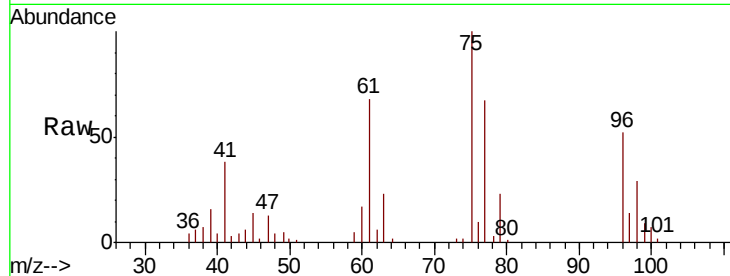




#22
 cis-1,2-Dichloroethene
 Concen: 1.110 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

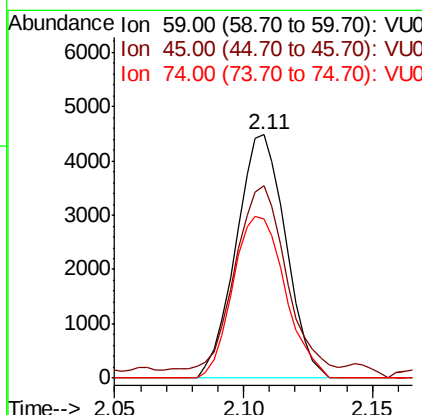
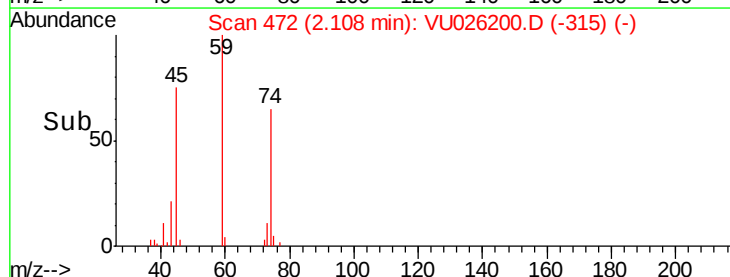
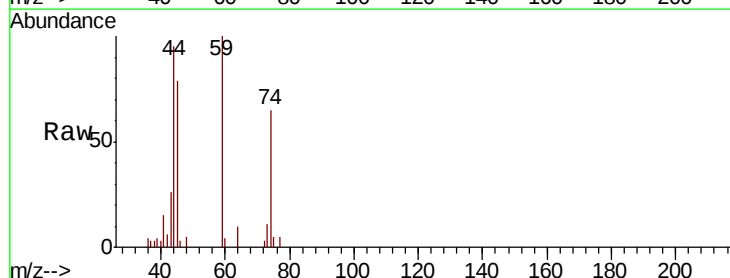
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

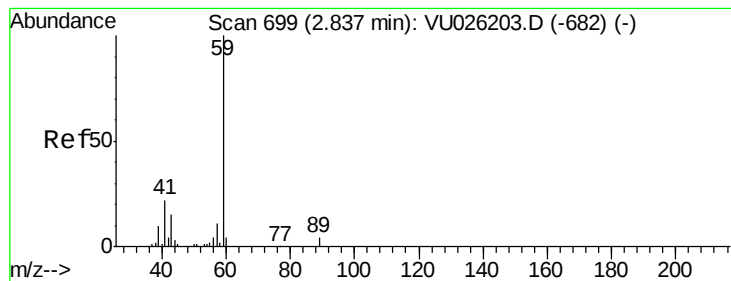
Tgt Ion: 96 Resp: 10897
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 400.5
 98 59.5 32.2 96.6



#23
 Diethyl Ether
 Concen: 1.139 ug/l
 RT: 2.11 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion: 59 Resp: 5998
 Ion Ratio Lower Upper
 59 100
 45 75.5 60.0 90.0
 74 69.9 56.5 84.7





#24

tert-Butyl Alcohol

Concen: 10.635 ug/l

RT: 2.83 min Scan# 698

Delta R.T. -0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

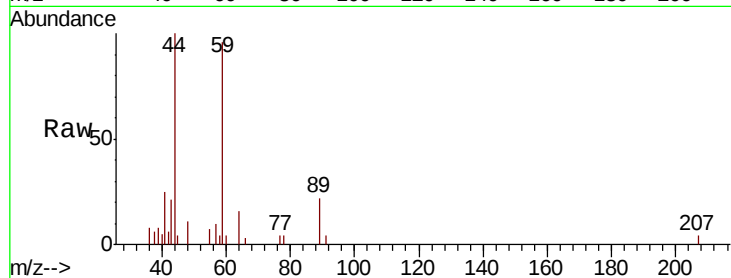
VSTDIC001

Tgt Ion: 59 Resp: 6578

Ion Ratio Lower Upper

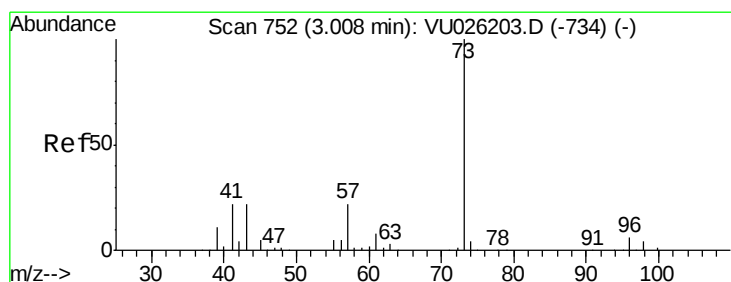
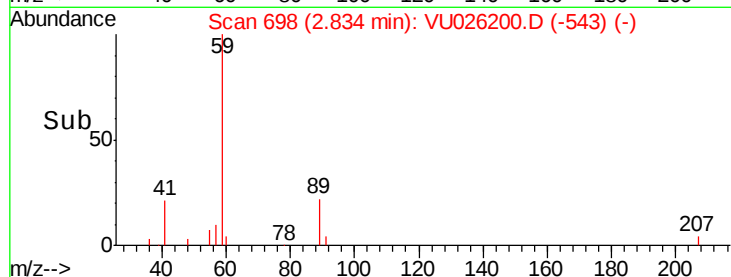
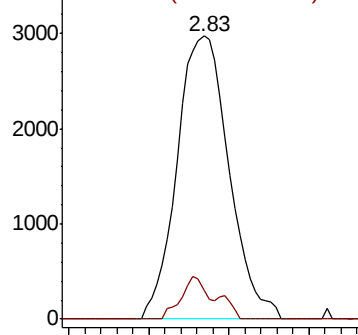
59 100

57 7.5 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#25

Methyl tert-Butyl Ether

Concen: 1.047 ug/l

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU026200.D

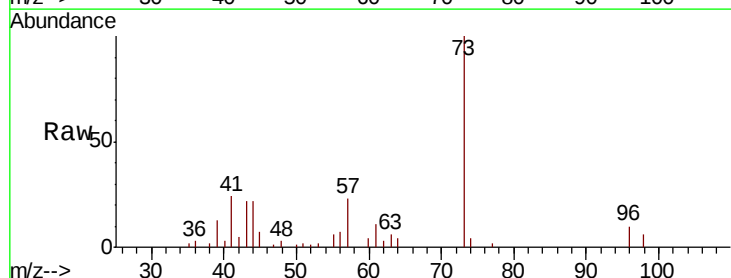
Acq: 20 Aug 2018 11:36

Tgt Ion: 73 Resp: 19693

Ion Ratio Lower Upper

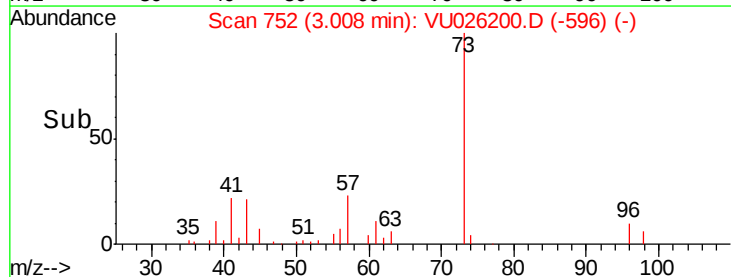
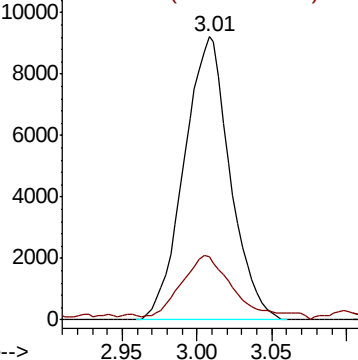
73 100

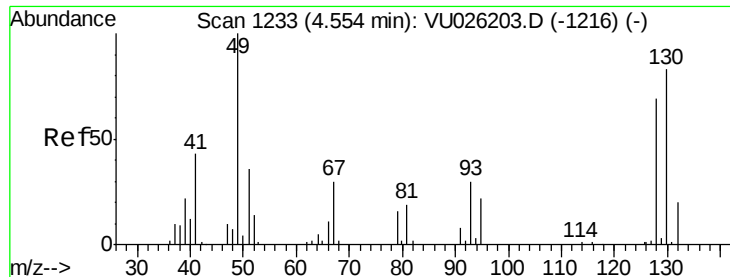
43 22.5 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

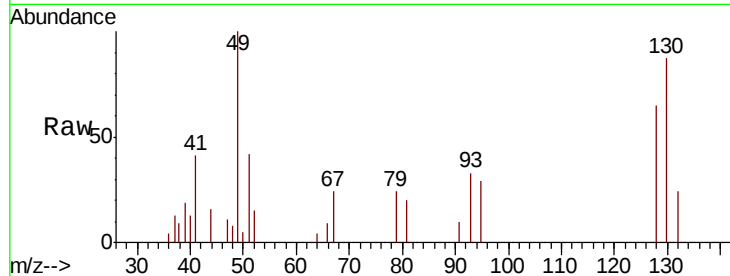




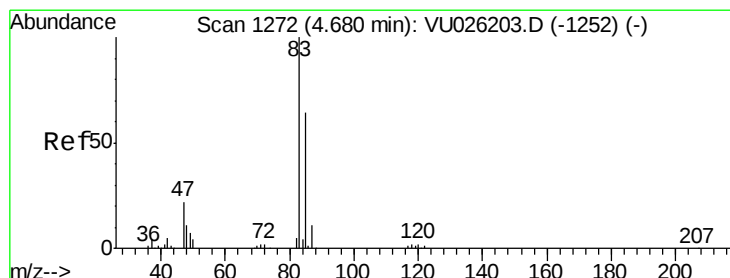
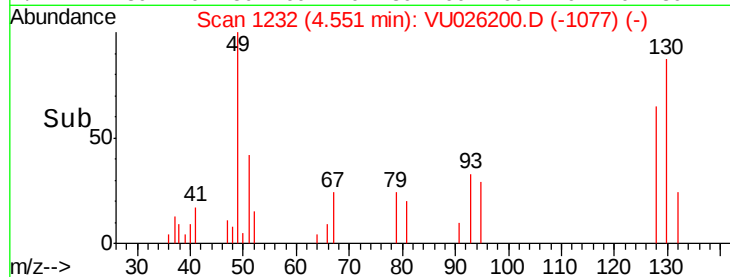
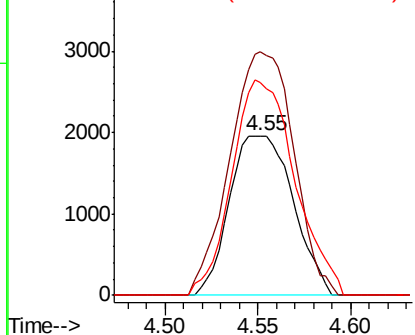
#26
Bromochloromethane
Concen: 1.085 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 4687
Ion Ratio Lower Upper
128 100
49 153.1 0.0 375.2
130 134.0 105.8 158.6

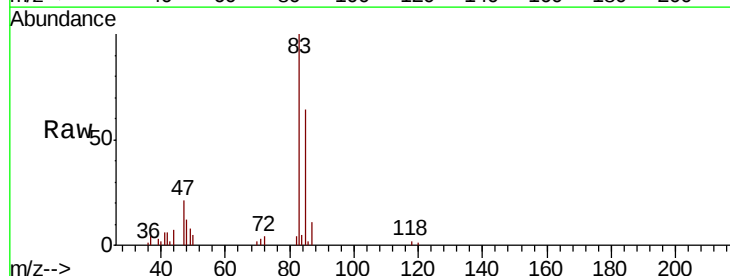


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU
Ion 130.00 (129.70 to 130.70): V

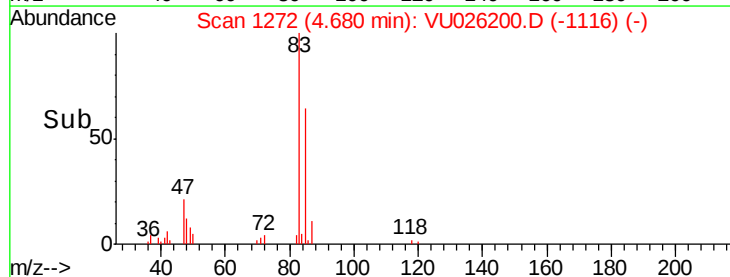
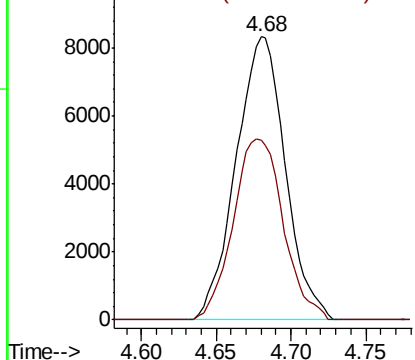


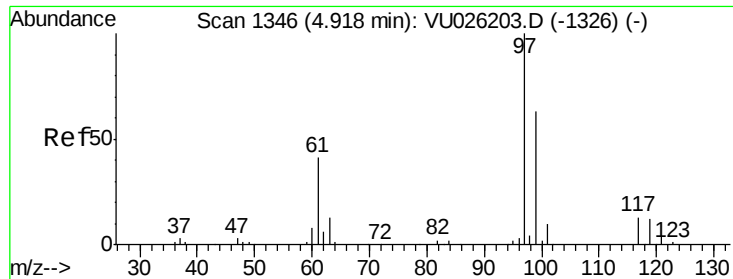
#27
Chloroform
Concen: 1.124 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 83 Resp: 19096
Ion Ratio Lower Upper
83 100
85 63.6 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU
Ion 85.00 (84.70 to 85.70): VU

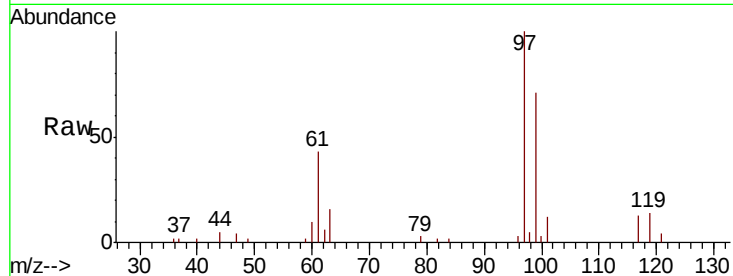




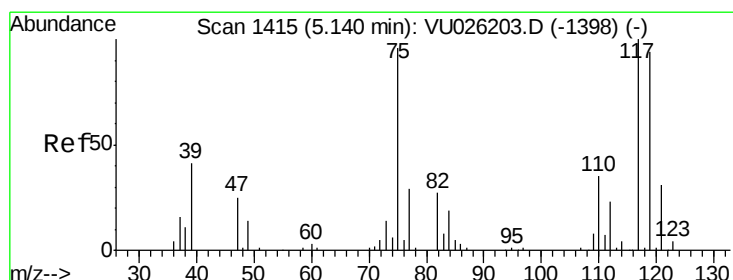
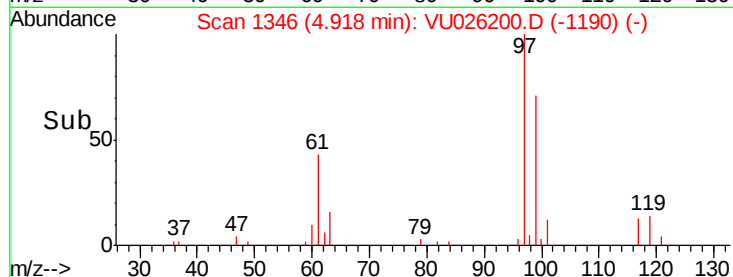
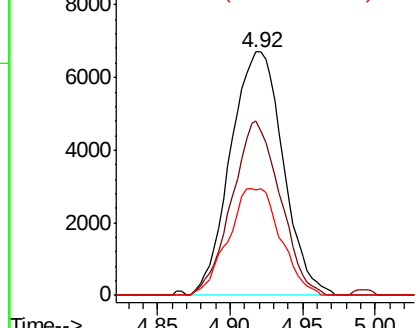
#28
 1,1,1-Trichloroethane
 Concen: 1.104 ug/l
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 97 Resp: 16917
 Ion Ratio Lower Upper
 97 100
 99 65.8 32.3 96.9
 61 43.4 23.2 69.5

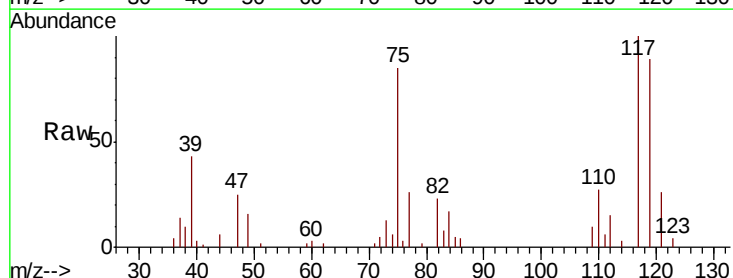


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0

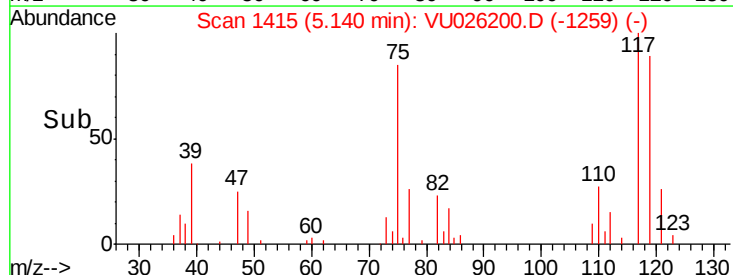
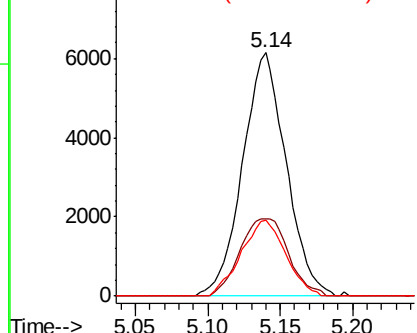


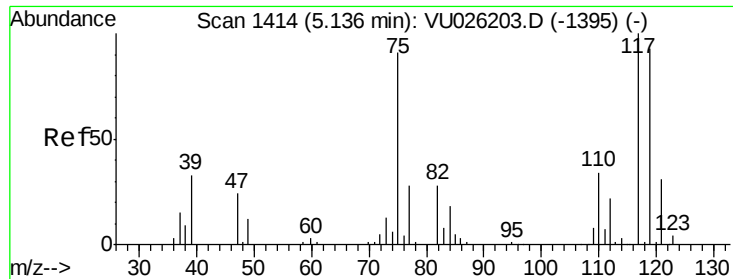
#29
 1,1-Dichloropropene
 Concen: 1.023 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion: 75 Resp: 12855
 Ion Ratio Lower Upper
 75 100
 110 35.4 16.9 50.7
 77 32.0 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU0

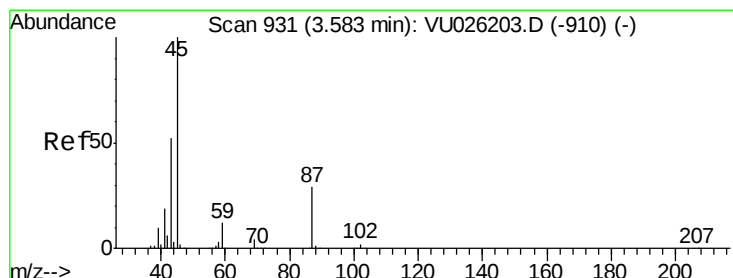
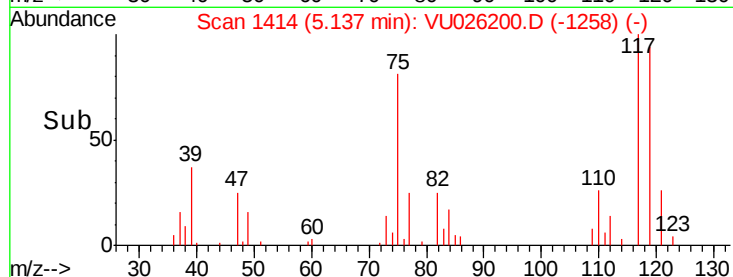
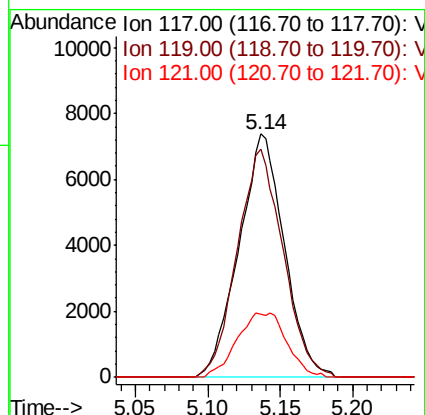
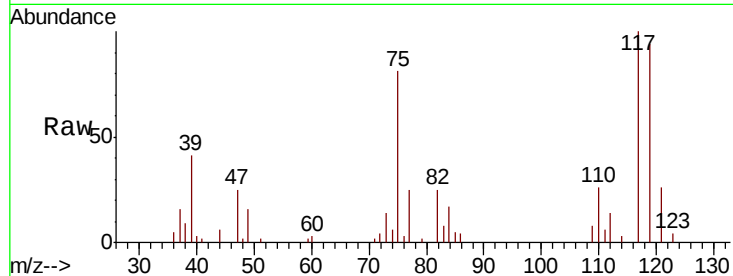




#30
Carbon Tetrachloride
Concen: 1.151 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

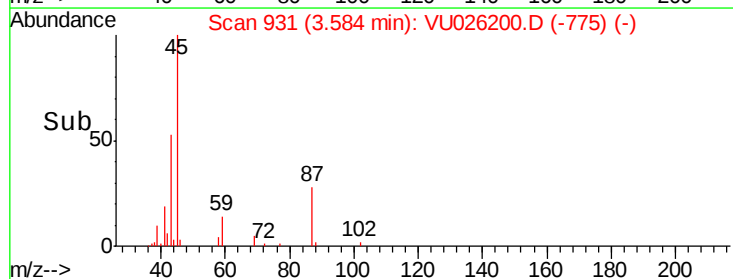
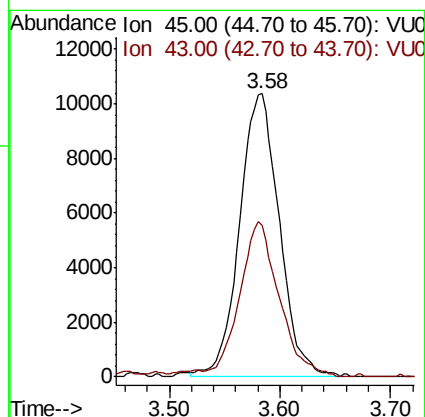
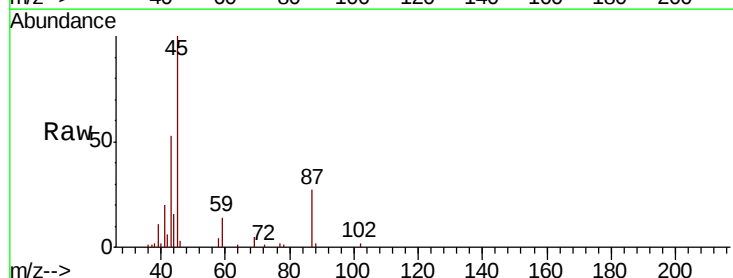
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

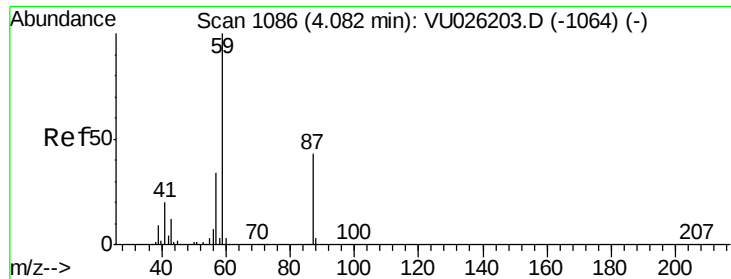
Tgt Ion: 117 Resp: 16019
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 25.9 24.5 36.7



#31
Isopropyl Ether
Concen: 1.046 ug/l
RT: 3.58 min Scan# 931
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 45 Resp: 25912
Ion Ratio Lower Upper
45 100
43 54.6 24.0 72.0





#32

Ethyl-t-butyl ether

Concen: 0.935 ug/l

RT: 4.08 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

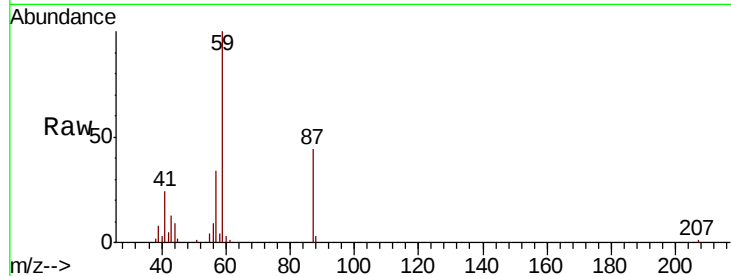
VSTDIC001

Tgt Ion: 59 Resp: 22017

Ion Ratio Lower Upper

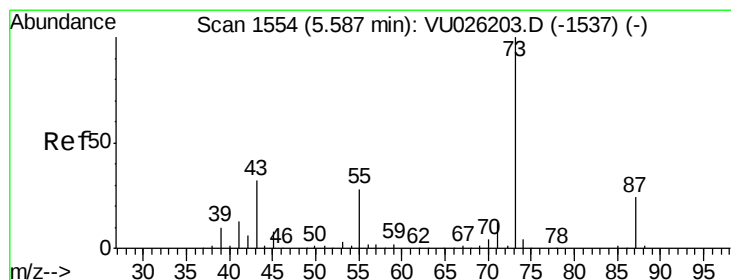
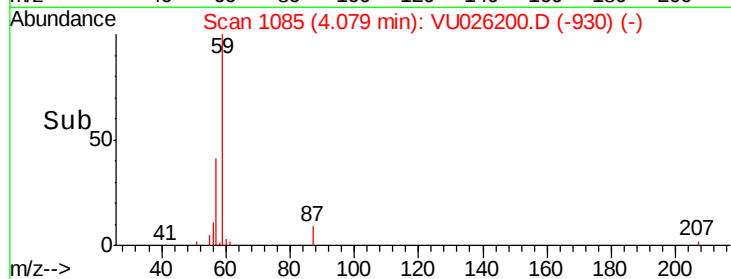
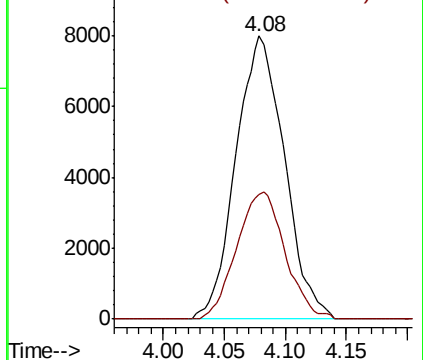
59 100

87 44.6 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#33

Tert-Amyl methyl ether

Concen: 0.875 ug/l

RT: 5.59 min Scan# 1554

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

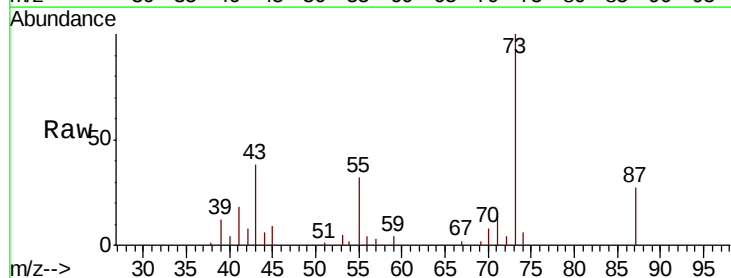
Tgt Ion: 73 Resp: 18178

Ion Ratio Lower Upper

73 100

87 25.8 18.6 28.0

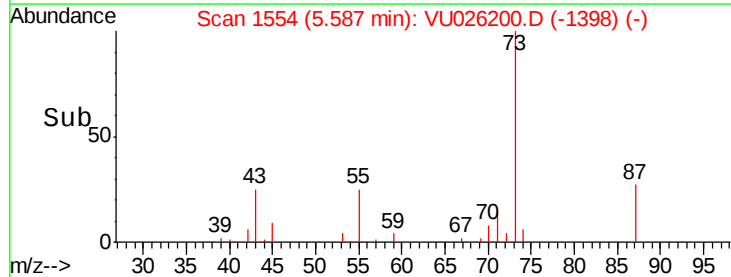
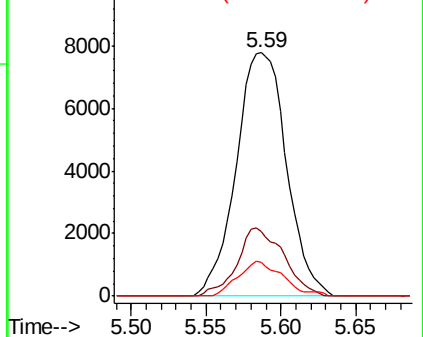
71 12.7 9.3 13.9

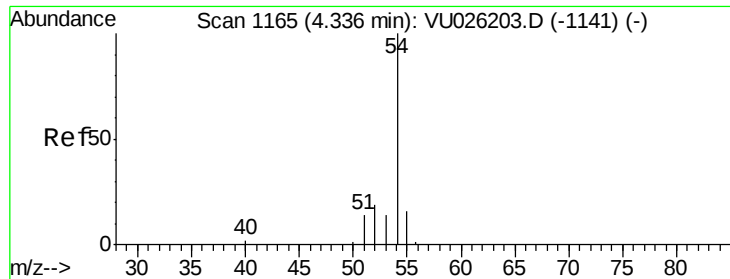


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

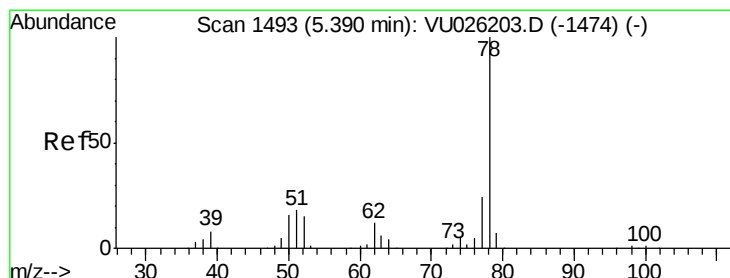
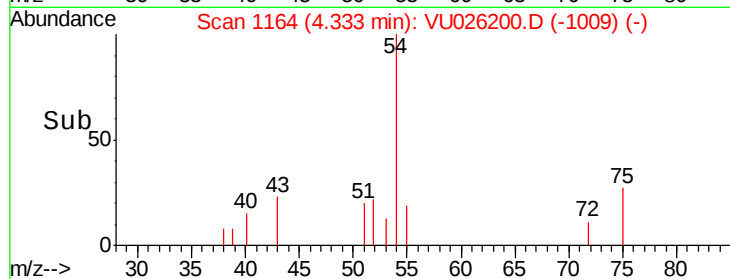
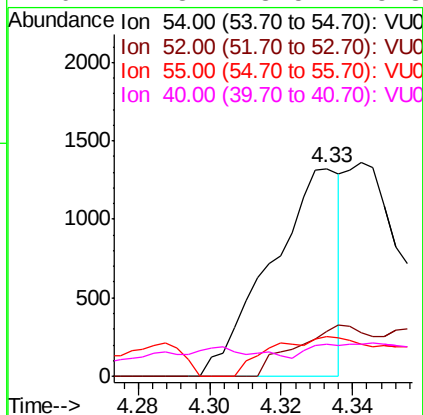
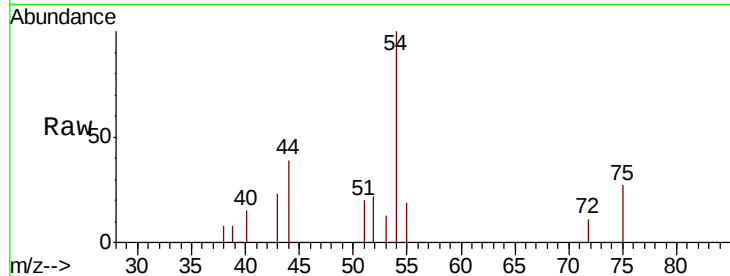




#34
 Propionitrile
 Concen: 2.753 ug/l
 RT: 4.33 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

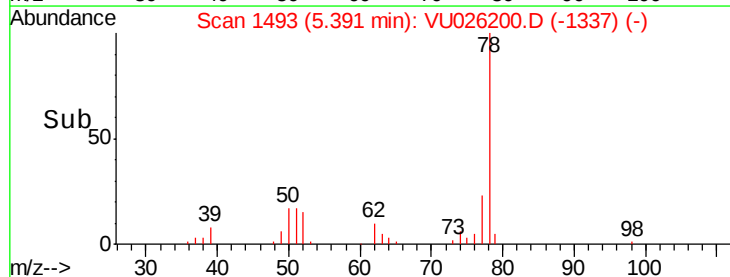
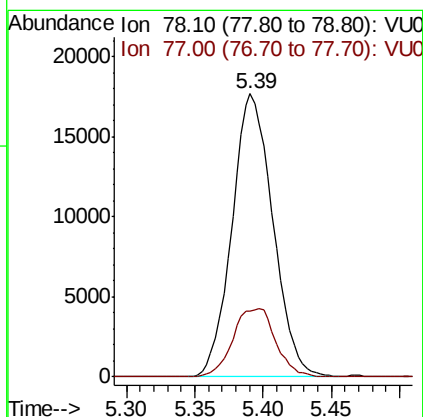
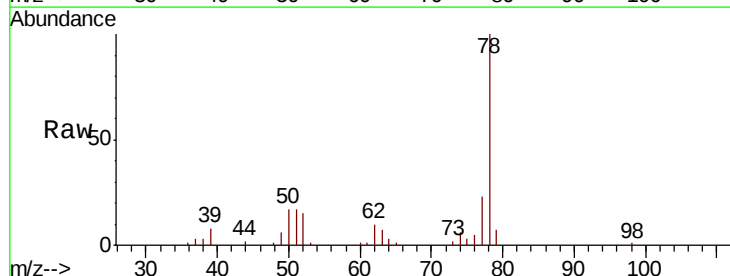
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

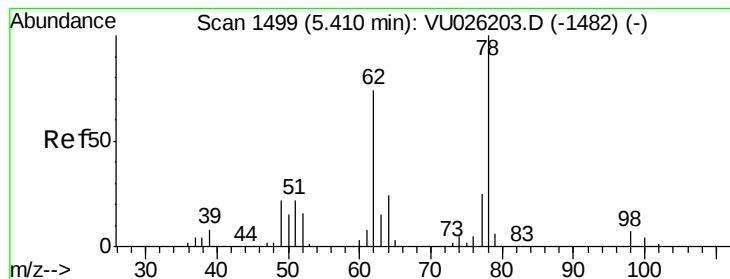
Tgt Ion: 54 Resp: 1769
 Ion Ratio Lower Upper
 54 100
 52 25.7 13.7 20.5#
 55 35.0 10.2 15.2#
 40 24.8 3.5 5.3#



#35
 Benzene
 Concen: 1.048 ug/l
 RT: 5.39 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion: 78 Resp: 36819
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.1 28.7





#36

1,2-Dichloroethane

Concen: 1.101 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

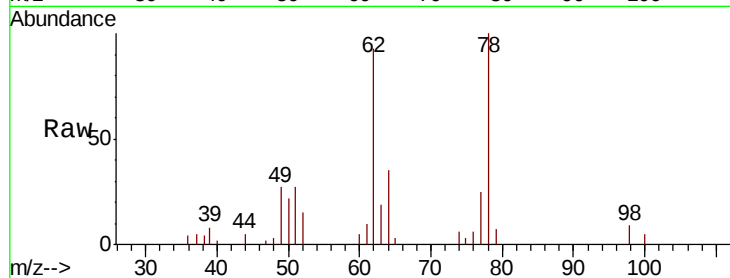
VSTDIC001

Tgt Ion: 62 Resp: 11878

Ion Ratio Lower Upper

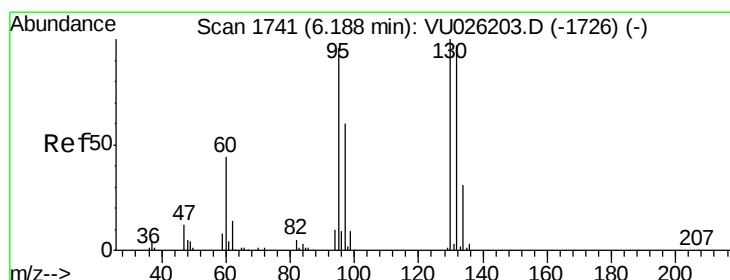
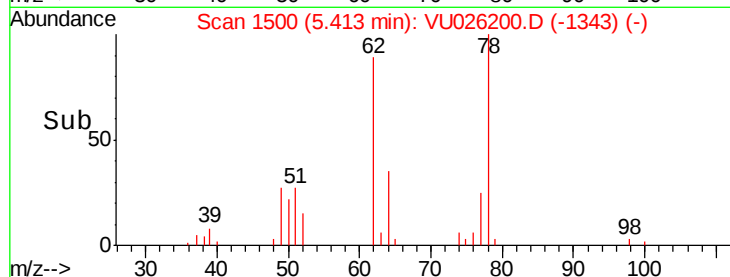
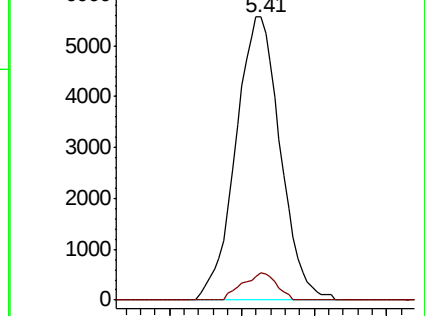
62 100

98 7.3 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU026200.D (-1343) (-)

Ion 98.00 (97.70 to 98.70): VU026200.D (-1343) (-)



#37

Trichloroethene

Concen: 1.001 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026200.D

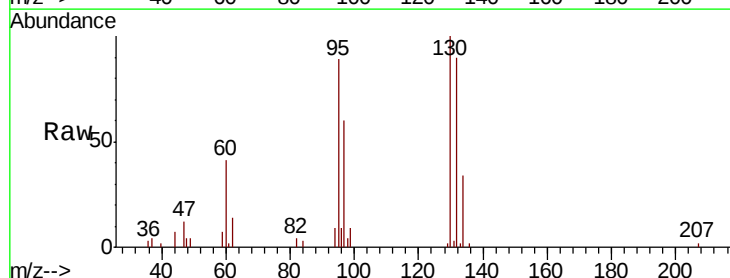
Acq: 20 Aug 2018 11:36

Tgt Ion: 130 Resp: 10361

Ion Ratio Lower Upper

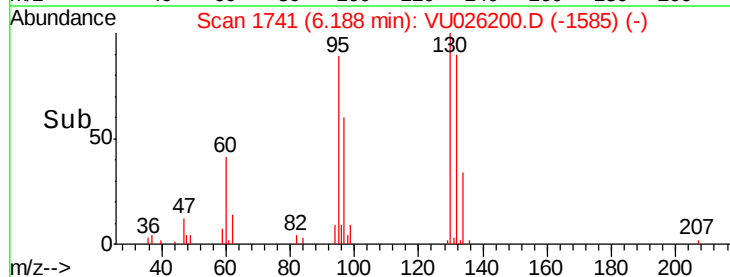
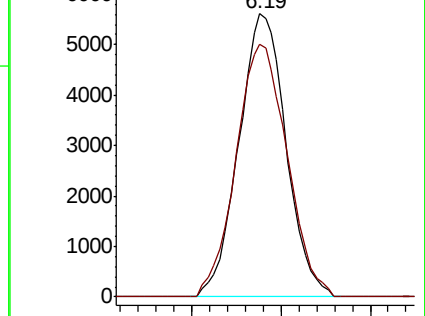
130 100

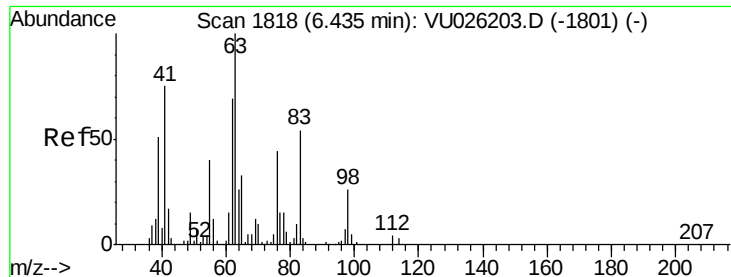
95 89.3 77.9 116.9



Abundance Ion 129.90 (129.60 to 130.60): VU026200.D (-1585) (-)

Ion 94.90 (94.60 to 95.60): VU026200.D (-1585) (-)

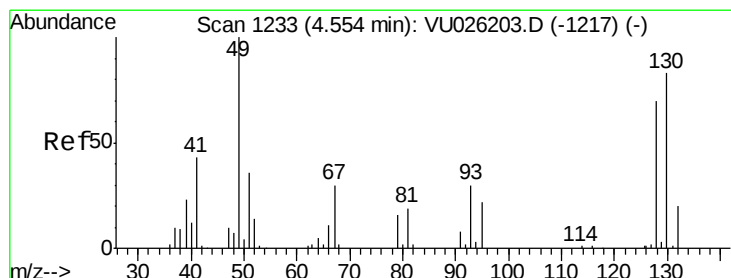
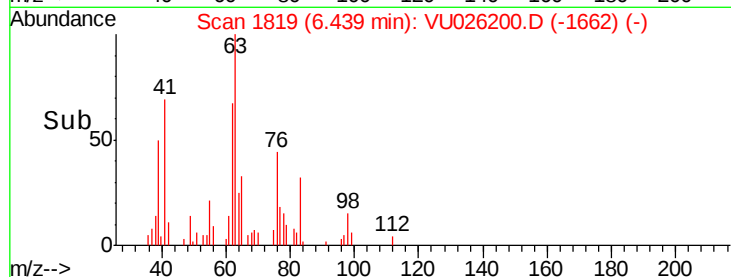
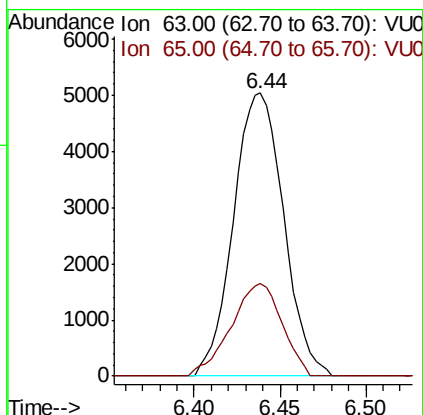
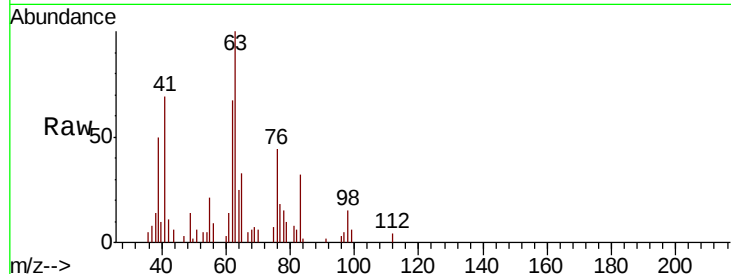




#38
 1,2-Dichloropropane
 Concen: 1.121 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

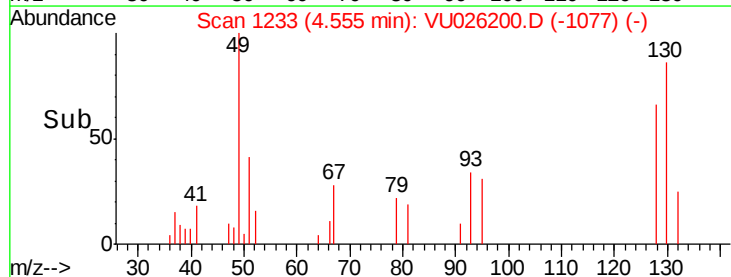
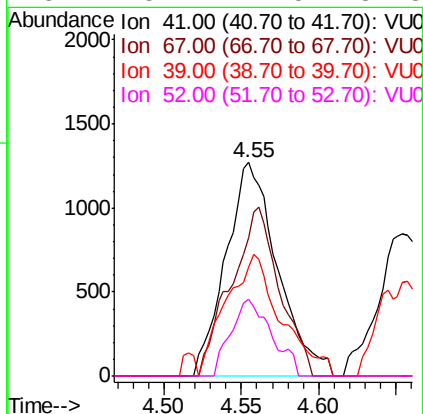
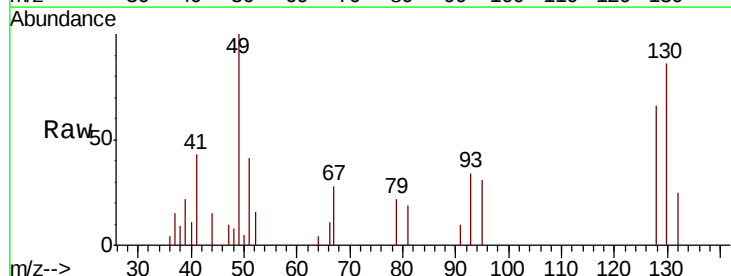
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

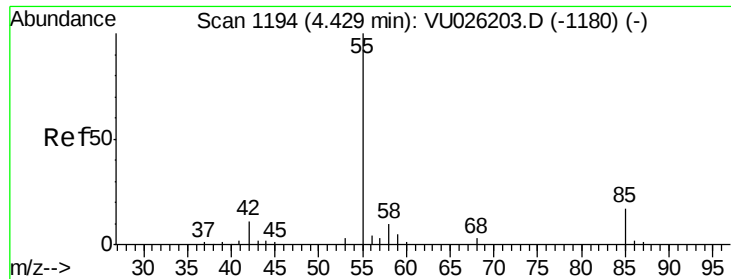
Tgt Ion: 63 Resp: 10216
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.8 38.8



#39
 Methacrylonitrile
 Concen: 0.997 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion: 41 Resp: 2949
 Ion Ratio Lower Upper
 41 100
 67 74.3 51.3 76.9
 39 60.6 40.6 60.8
 52 28.2 21.5 32.3

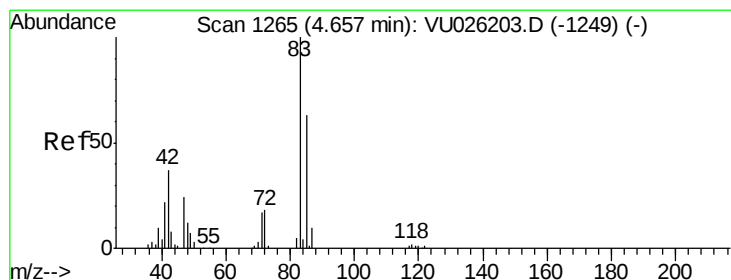
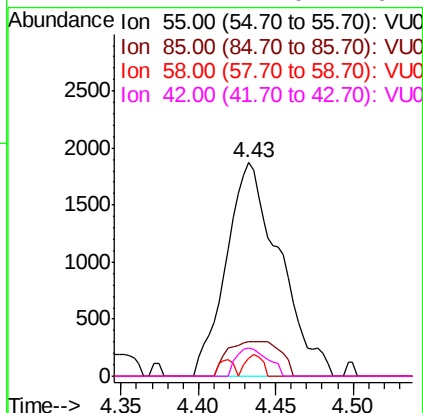
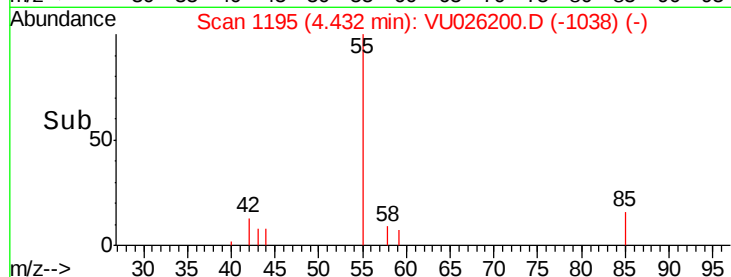
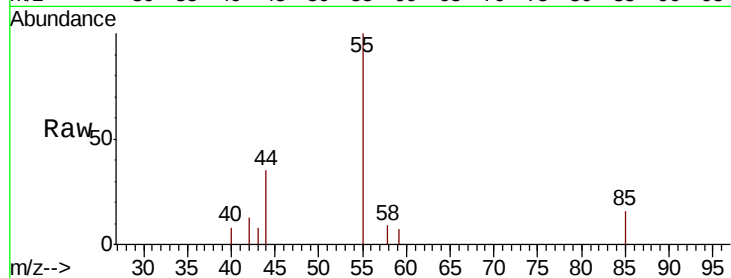




#40
Methyl acrylate
Concen: 1.001 ug/l
RT: 4.43 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

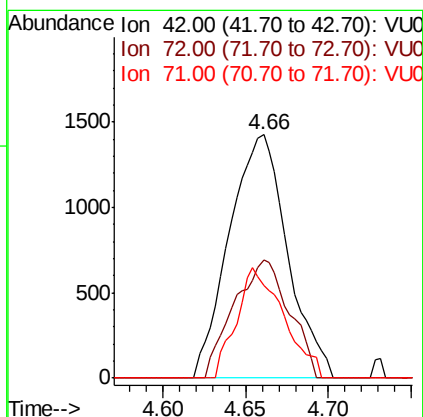
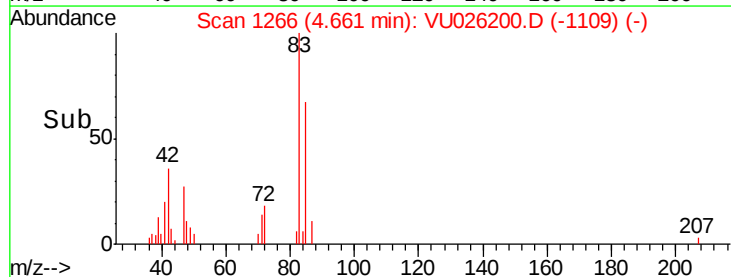
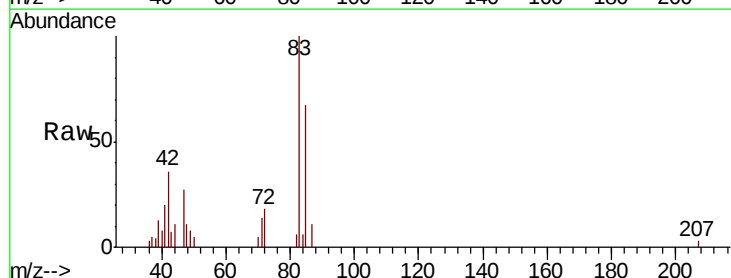
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

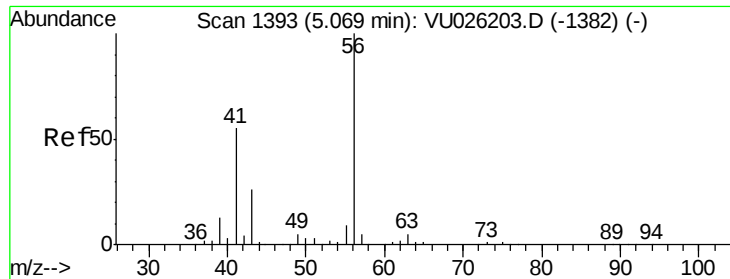
Tgt Ion:	55	Resp:	4468
Ion	Ratio	Lower	Upper
55	100		
85	16.1	12.3	18.5
58	3.2	7.0	10.6#
42	7.7	7.0	10.4



#41
Tetrahydrofuran
Concen: 1.995 ug/l
RT: 4.66 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion:	42	Resp:	3487
Ion	Ratio	Lower	Upper
42	100		
72	46.0	33.2	49.8
71	36.7	29.8	44.8

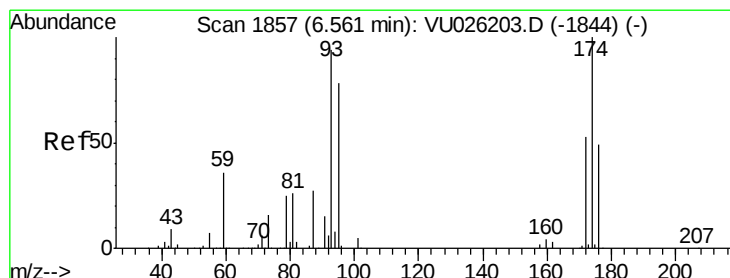
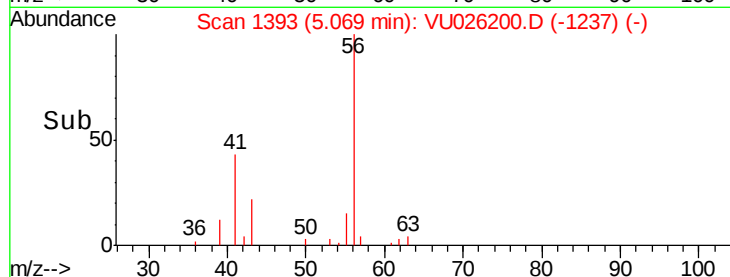
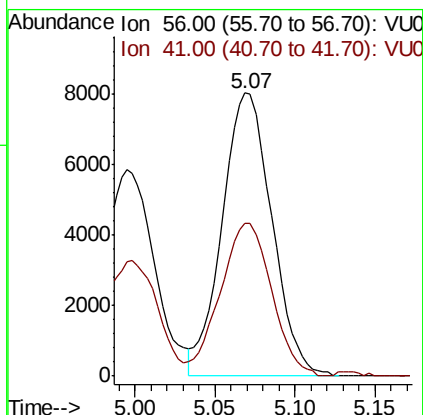
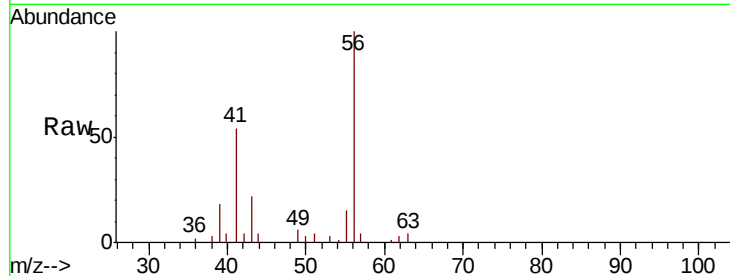




#42
1-Chlorobutane
Concen: 0.997 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

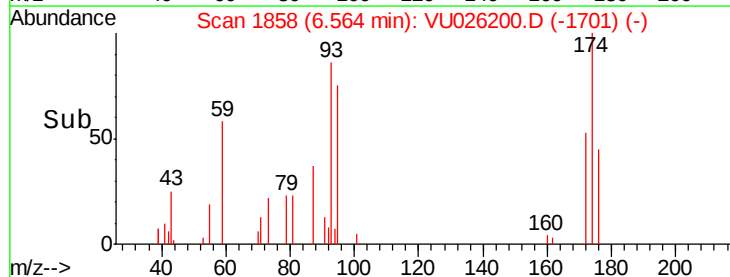
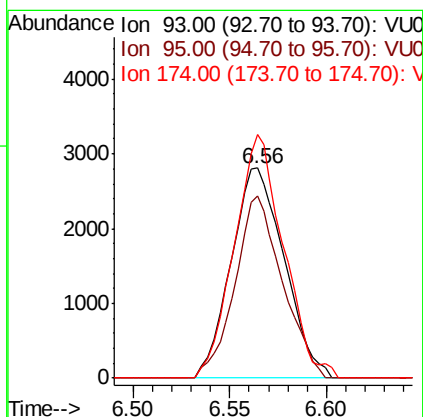
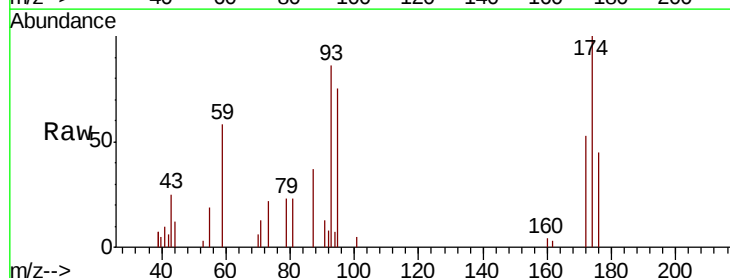
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

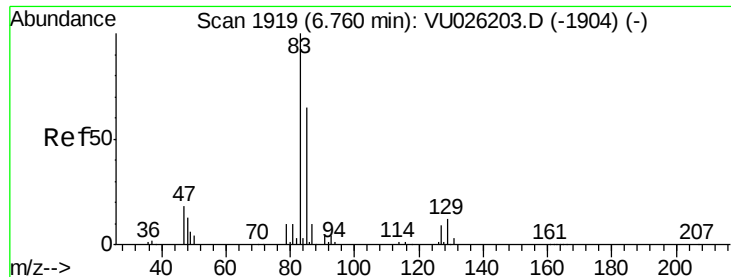
Tgt Ion: 56 Resp: 17081
Ion Ratio Lower Upper
56 100
41 56.1 27.5 82.5



#43
Dibromomethane
Concen: 1.124 ug/l
RT: 6.56 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 93 Resp: 5346
Ion Ratio Lower Upper
93 100
95 77.5 67.2 100.8
174 107.4 82.8 124.2





#44

Bromodichloromethane

Concen: 1.116 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

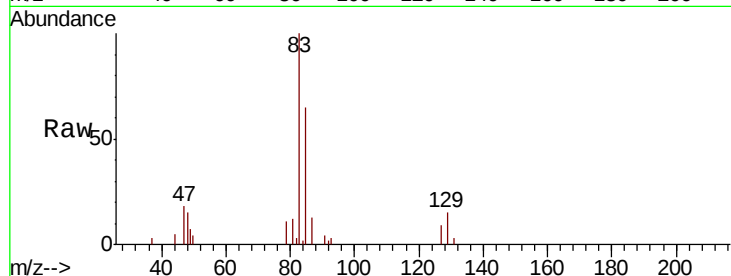
Tgt Ion: 83 Resp: 13461

Ion Ratio Lower Upper

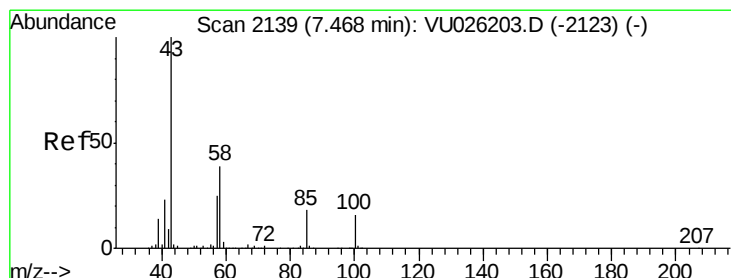
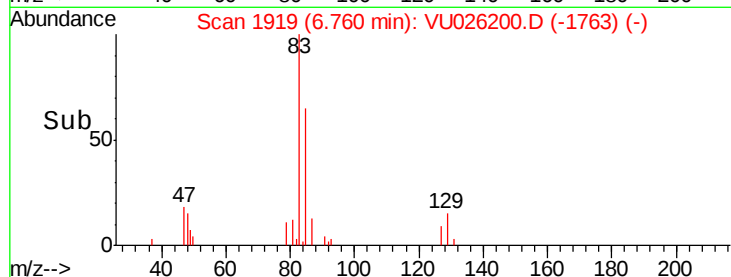
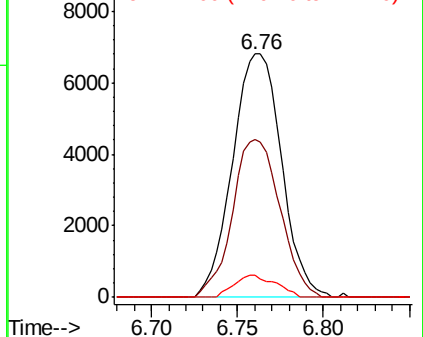
83 100

85 64.7 52.2 78.4

127 8.9 7.0 10.4



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



#45

4-Methyl-2-Pentanone

Concen: 4.515 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

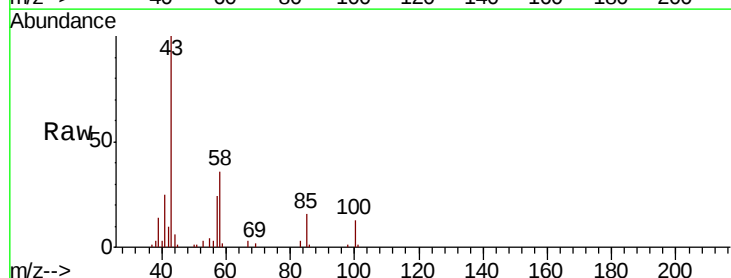
Tgt Ion: 43 Resp: 23959

Ion Ratio Lower Upper

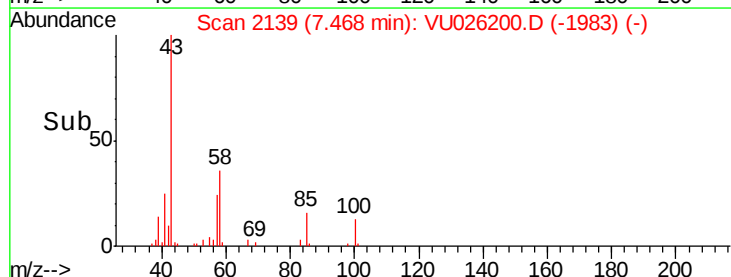
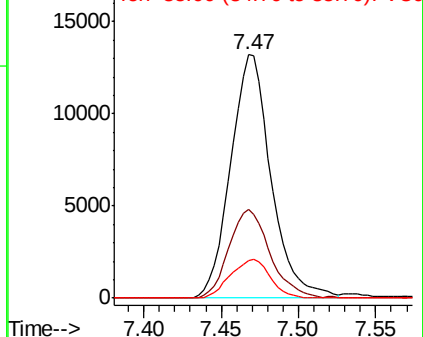
43 100

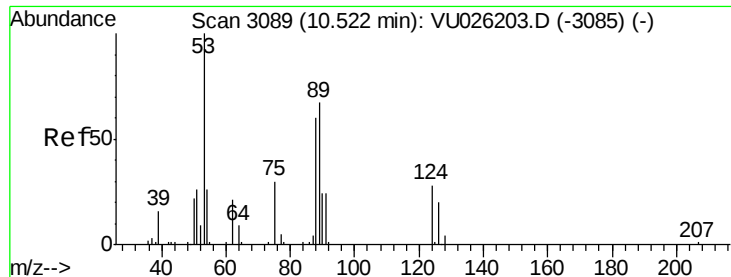
58 36.7 18.8 56.4

85 15.7 12.6 19.0



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

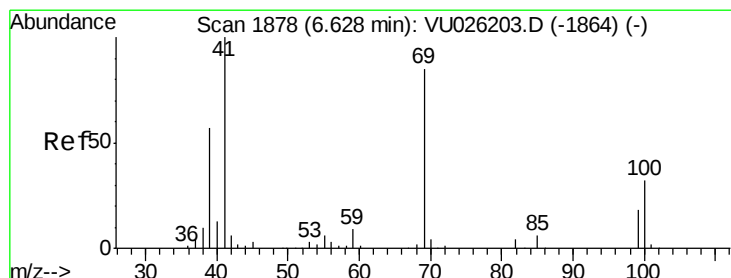
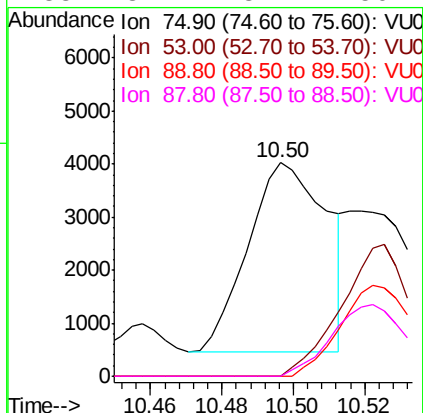
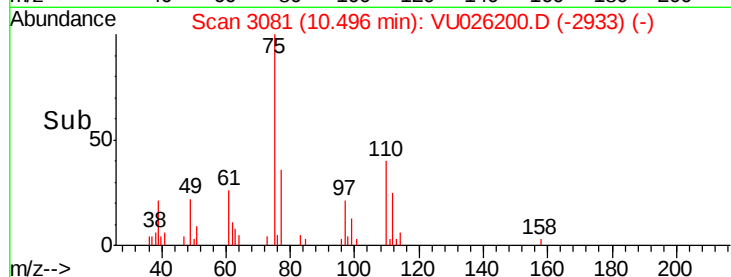
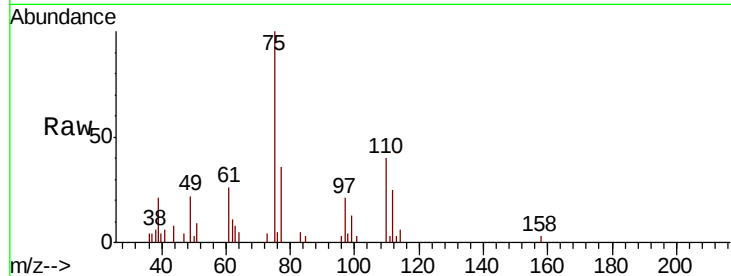




#46
t-1,4-Dichloro-2-butene
Concen: 3.736 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.03 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

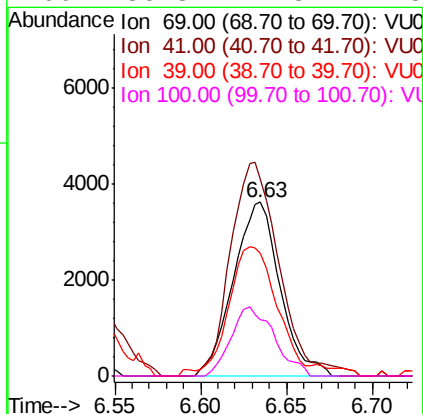
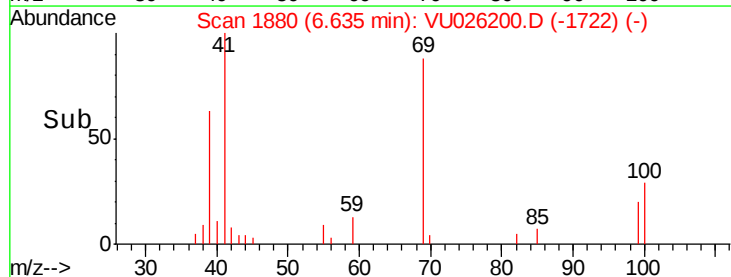
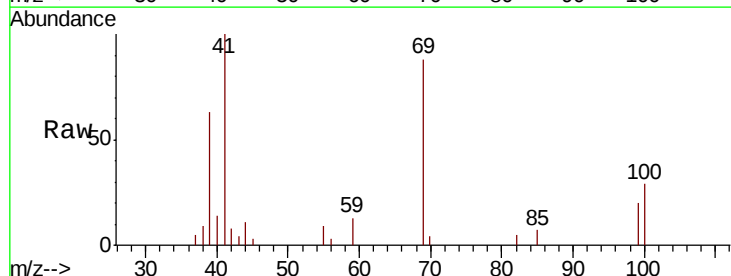
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

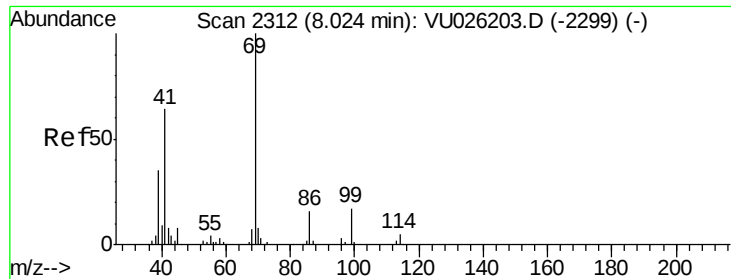
Tgt Ion: 75 Resp: 5458
Ion Ratio Lower Upper
75 100
53 63.9 82.2 123.4#
89 43.9 51.3 76.9#
88 37.1 37.4 56.2#



#47
Methyl methacrylate
Concen: 1.711 ug/l
RT: 6.63 min Scan# 1880
Delta R.T. 0.01 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 69 Resp: 6807
Ion Ratio Lower Upper
69 100
41 128.3 0.0 245.4
39 81.1 49.0 73.4#
100 36.8 27.8 41.8

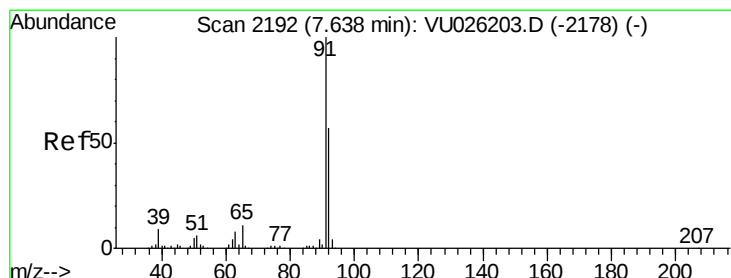
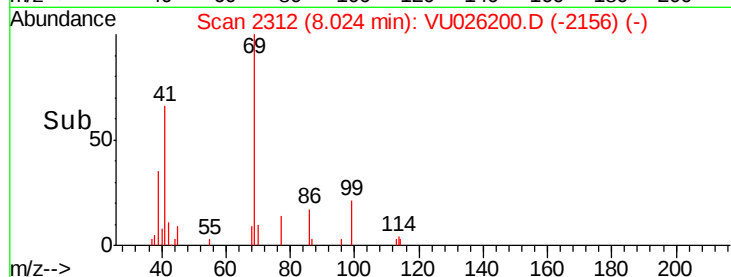
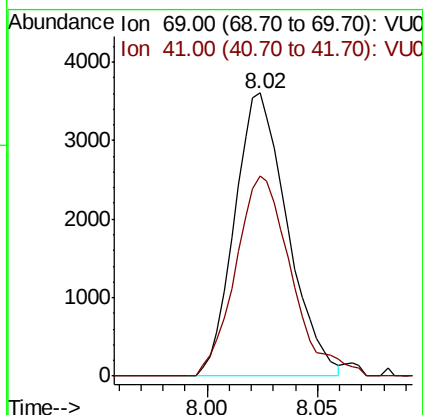
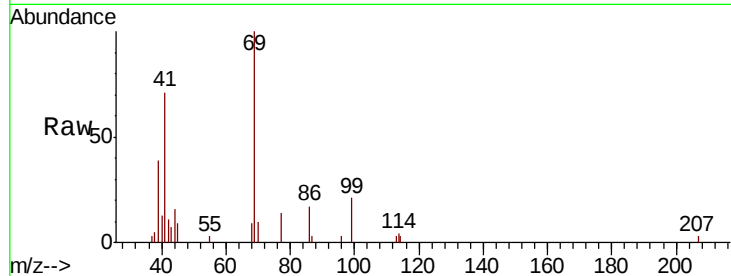




#48
Ethyl methacrylate
Concen: 0.751 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

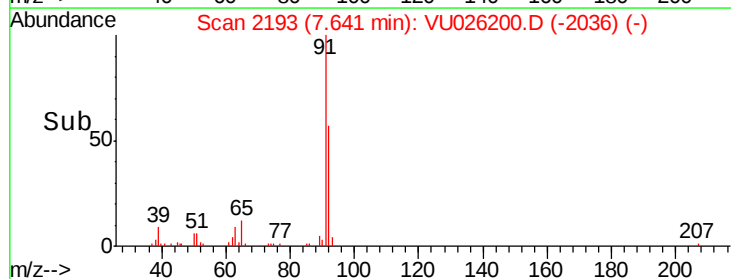
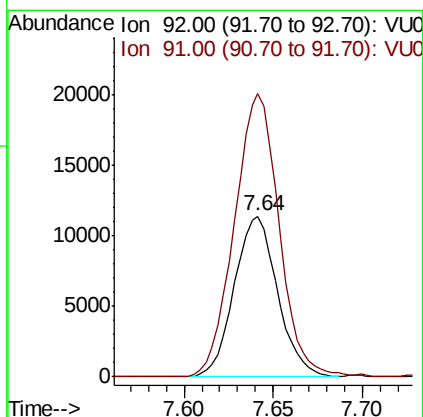
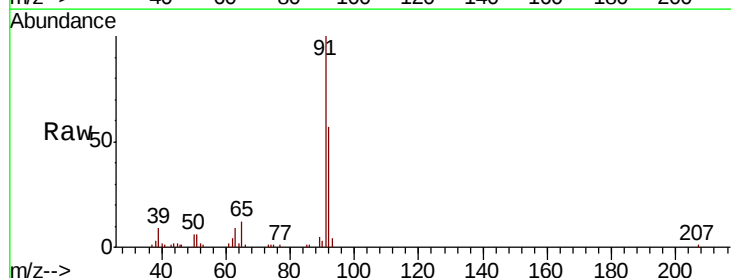
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

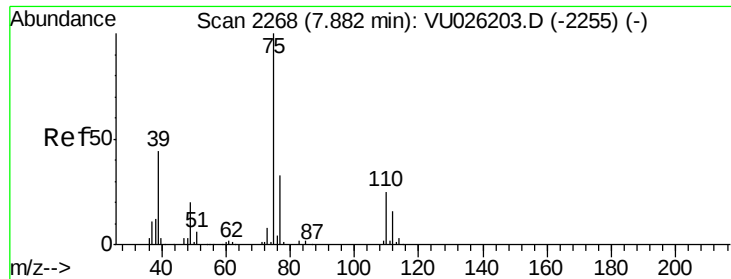
Tgt Ion: 69 Resp: 6003
Ion Ratio Lower Upper
69 100
41 74.3 34.2 102.5



#49
Toluene
Concen: 0.893 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 92 Resp: 19171
Ion Ratio Lower Upper
92 100
91 183.0 137.1 205.7





#50

t-1,3-Dichloropropene

Concen: 0.986 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

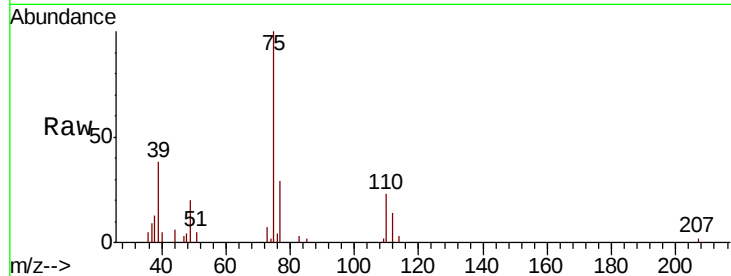
VSTDIC001

Tgt Ion: 75 Resp: 10731

Ion Ratio Lower Upper

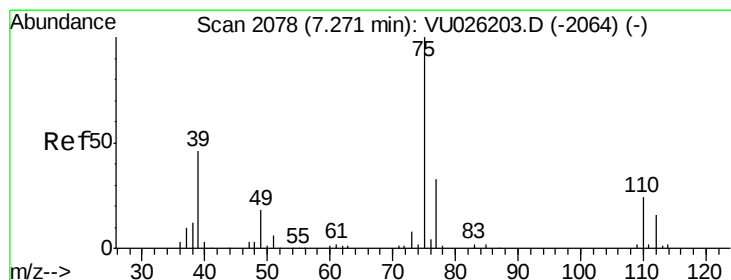
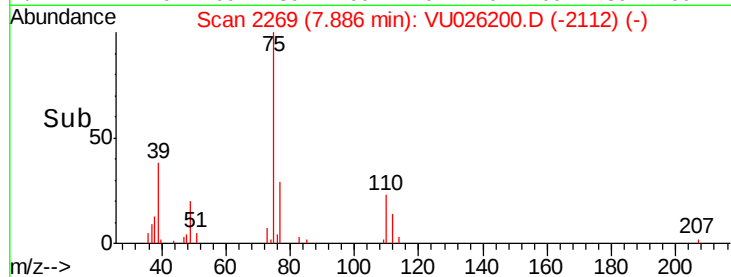
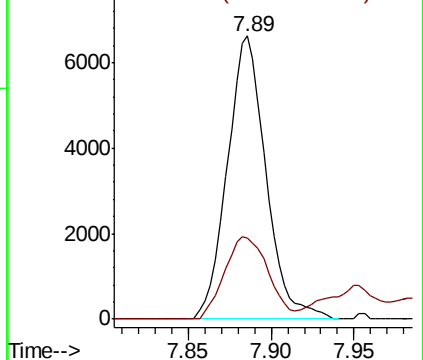
75 100

77 28.8 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#51

cis-1,3-Dichloropropene

Concen: 0.994 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

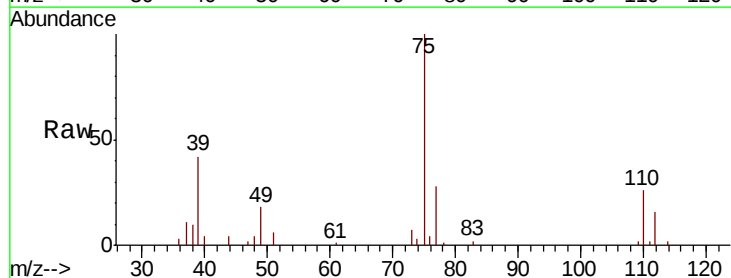
Tgt Ion: 75 Resp: 12960

Ion Ratio Lower Upper

75 100

77 28.3 25.2 37.8

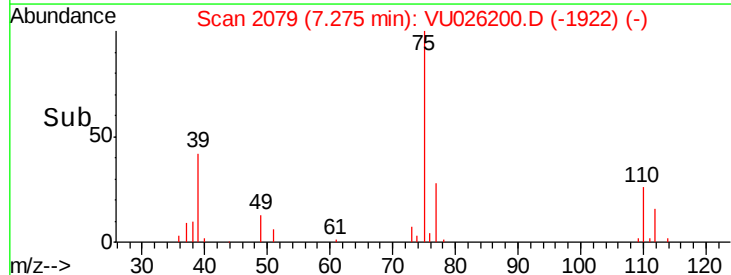
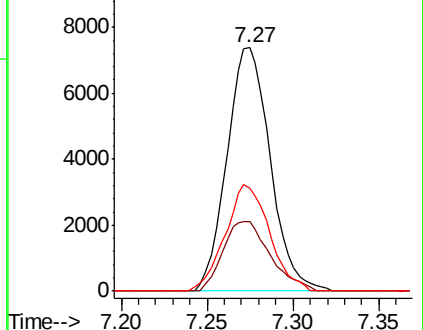
39 42.2 36.4 54.6

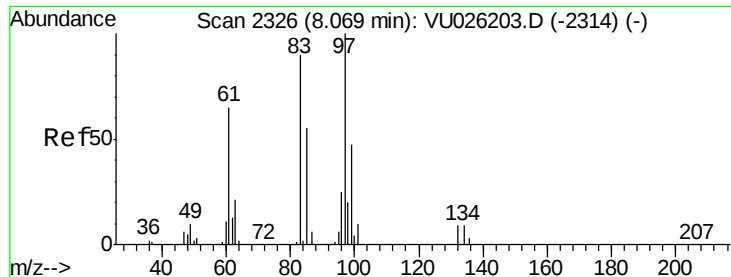


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

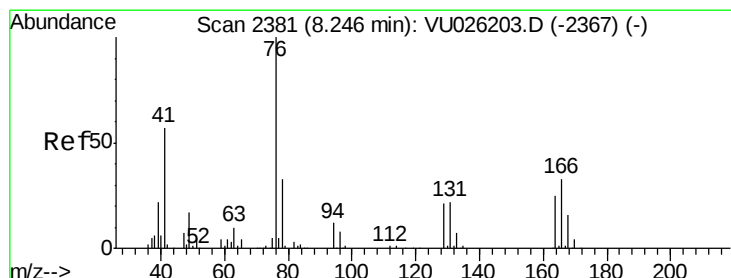
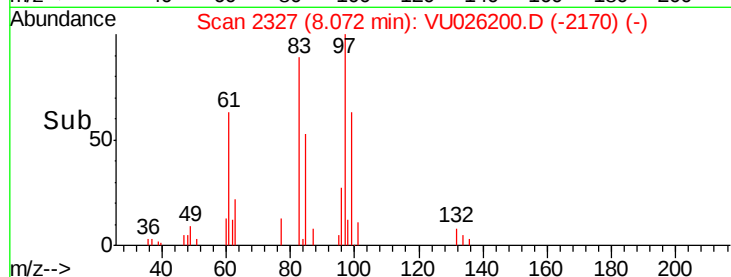
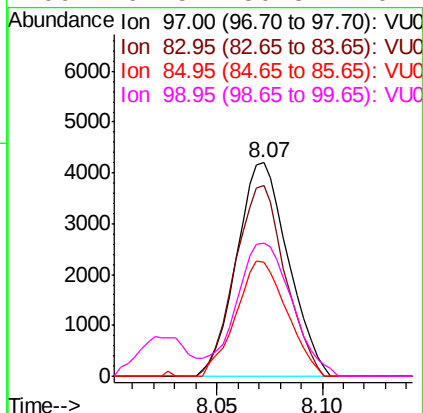
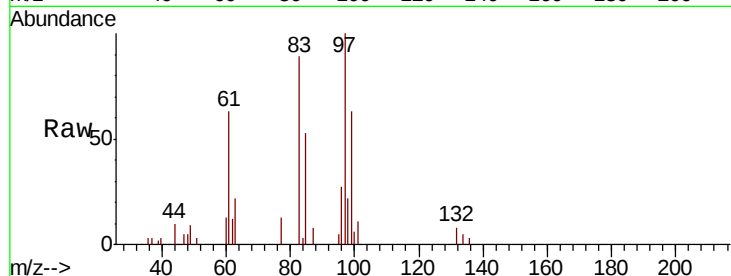




#52
 1,1,2-Trichloroethane
 Concen: 1.119 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

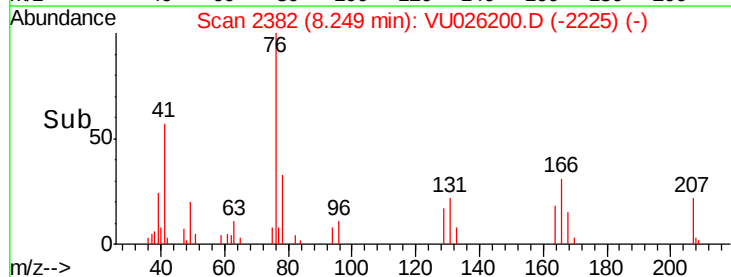
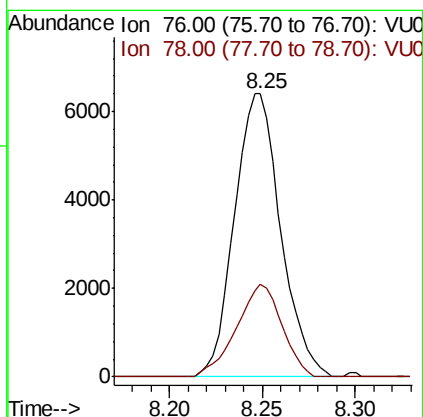
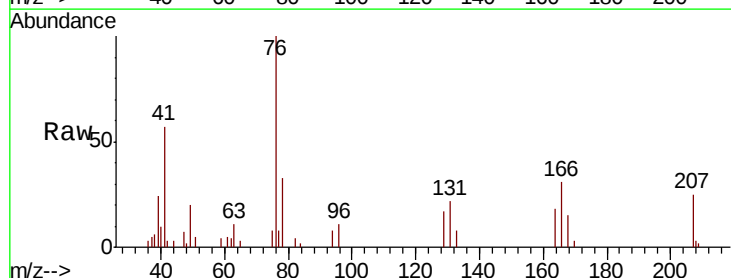
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

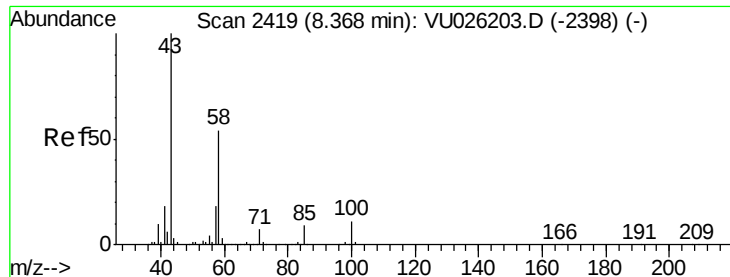
Tgt Ion: 97 Resp: 7141
 Ion Ratio Lower Upper
 97 100
 83 89.2 72.6 109.0
 85 53.4 47.2 70.8
 99 62.5 50.8 76.2



#53
 1,3-Dichloropropane
 Concen: 1.028 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion: 76 Resp: 11076
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

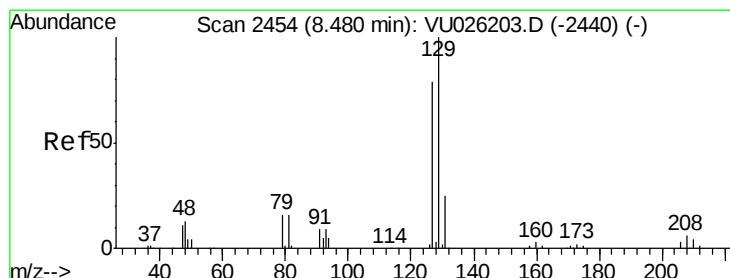
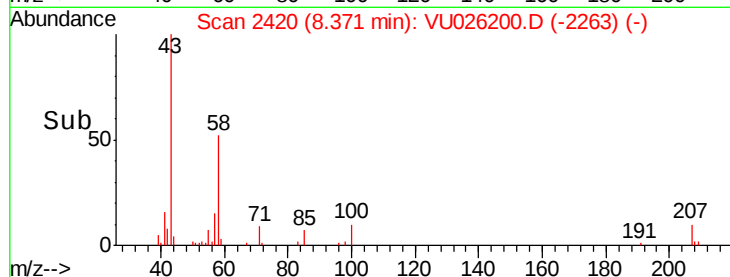
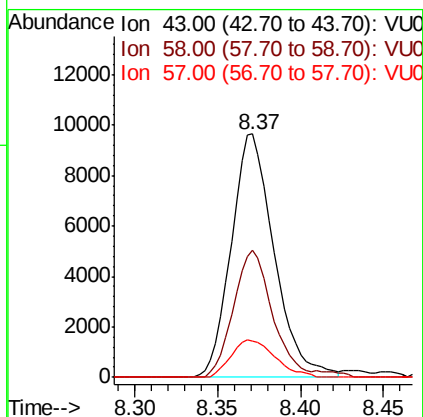
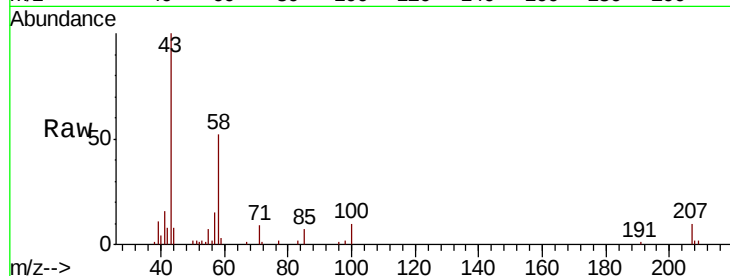




#54
2-Hexanone
Concen: 4.621 ug/l
RT: 8.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

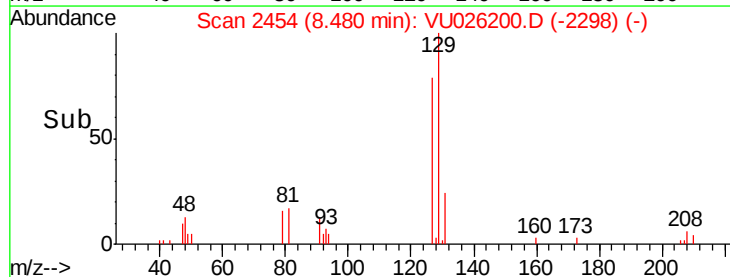
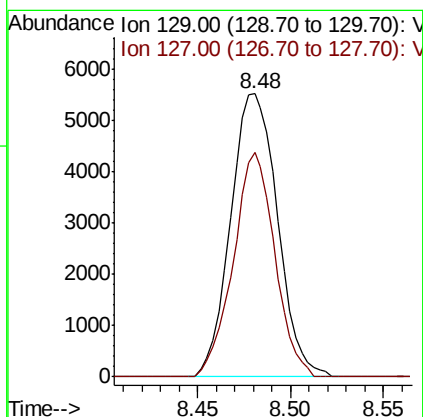
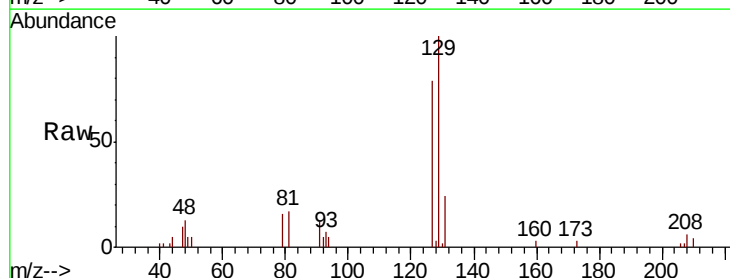
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

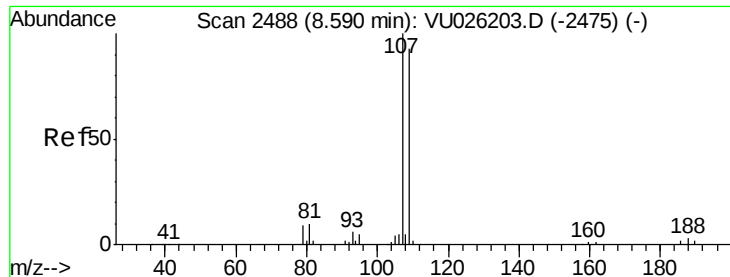
Tgt Ion: 43 Resp: 17320
Ion Ratio Lower Upper
43 100
58 48.6 32.5 72.5
57 15.7 0.0 37.9



#55
Dibromochloromethane
Concen: 1.197 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 129 Resp: 9708
Ion Ratio Lower Upper
129 100
127 70.2 61.1 91.7

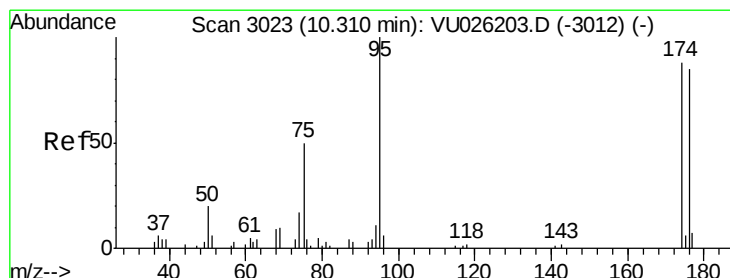
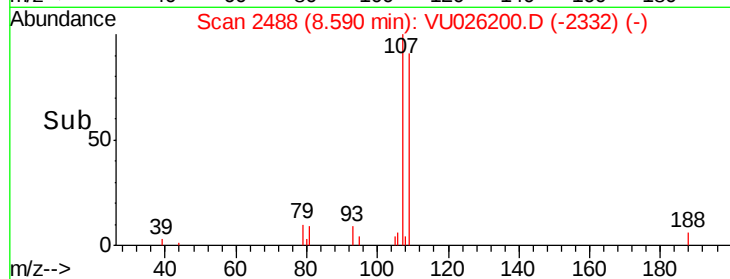
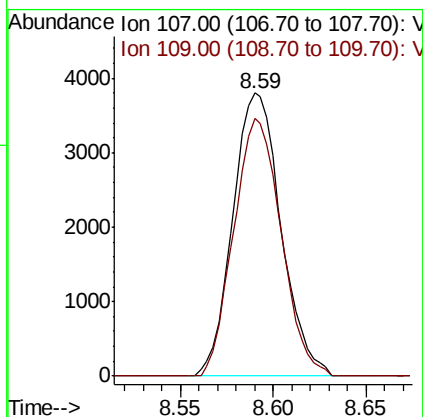
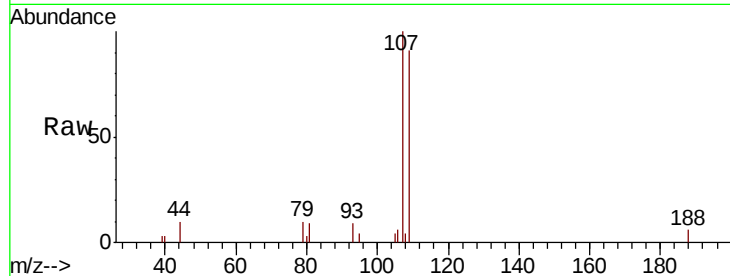




#56
 1,2-Dibromoethane
 Concen: 1.112 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

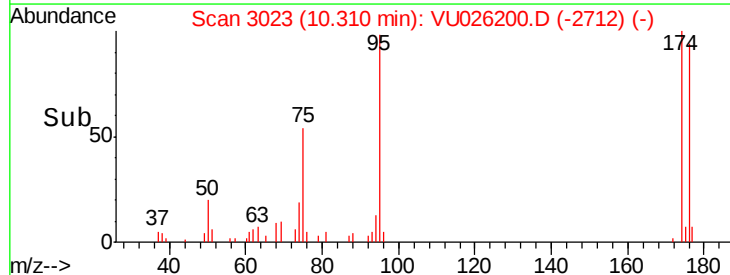
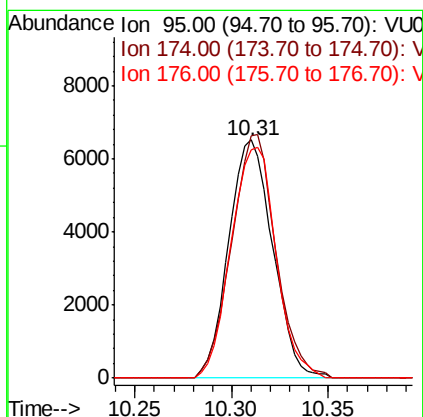
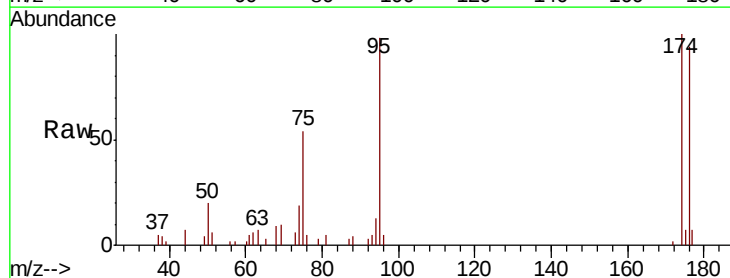
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

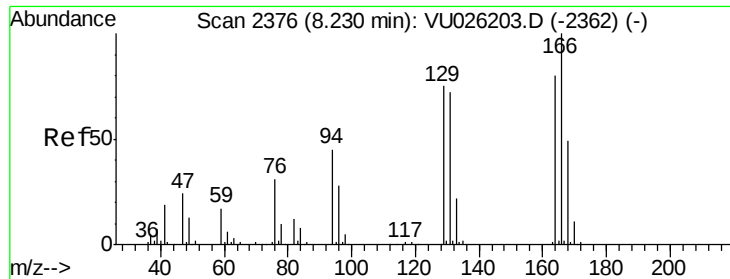
Tgt Ion: 107 Resp: 6862
 Ion Ratio Lower Upper
 107 100
 109 89.6 0.0 189.0



#57
 4-Bromofluorobenzene
 Concen: 1.112 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion: 95 Resp: 10303
 Ion Ratio Lower Upper
 95 100
 174 102.4 65.6 98.4#
 176 99.3 62.0 93.0#

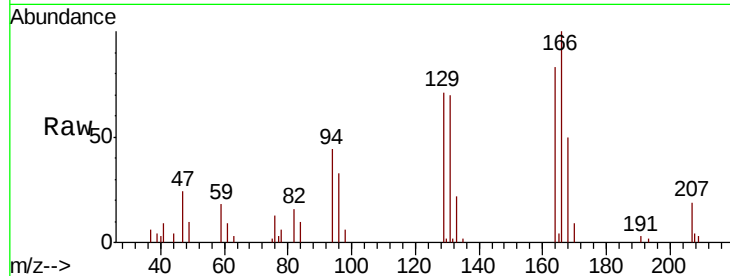




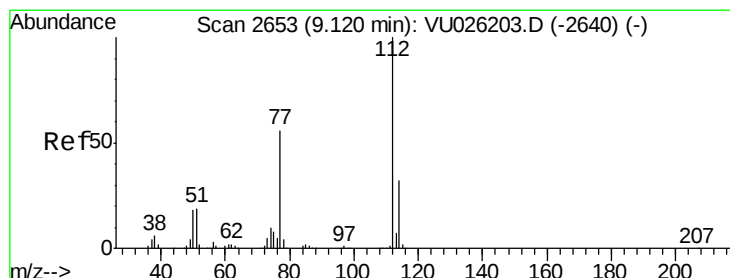
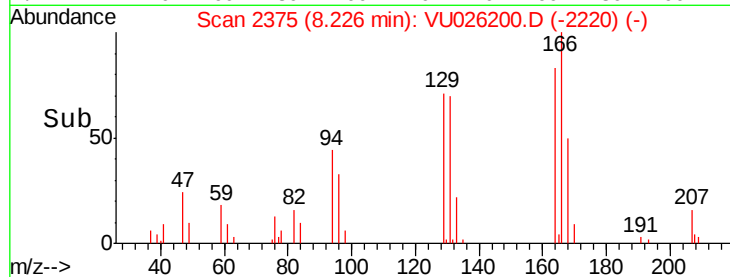
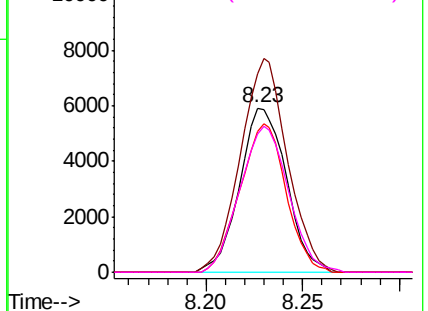
#58
Tetrachloroethene
Concen: 1.067 ug/l
RT: 8.23 min Scan# 2375
Delta R.T. -0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:164 Resp: 9922
Ion Ratio Lower Upper
164 100
166 120.8 104.1 156.1
129 86.0 76.8 115.2
131 84.4 72.6 108.8

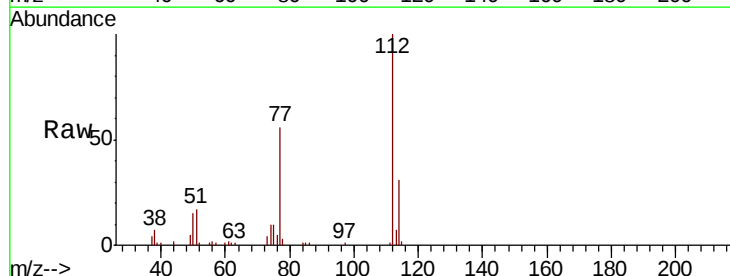


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

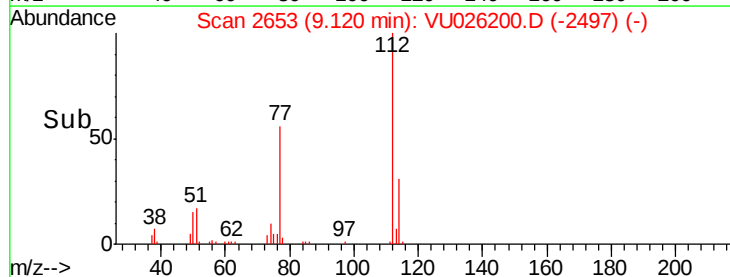
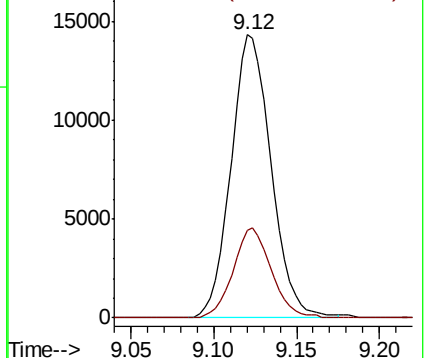


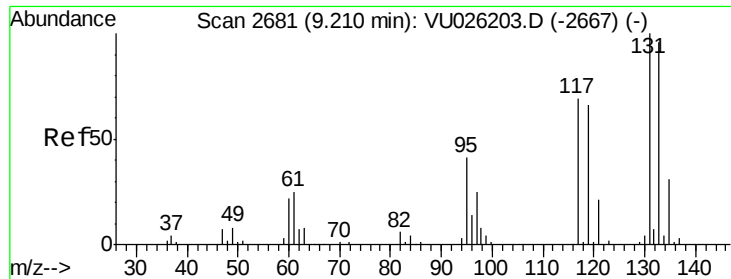
#59
Chlorobenzene
Concen: 0.974 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion:112 Resp: 24044
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



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





#60

1,1,1,2-Tetrachloroethane

Concen: 1.084 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

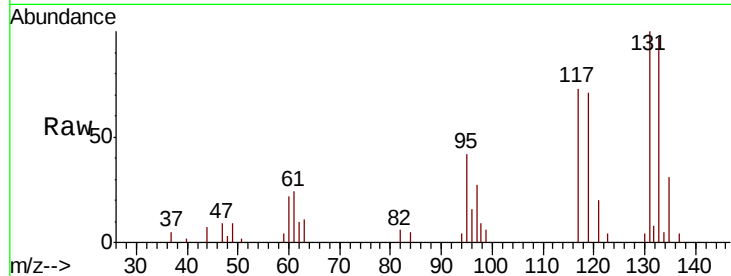
Tgt Ion:131 Resp: 9938

Ion Ratio Lower Upper

131 100

133 96.4 75.8 113.8

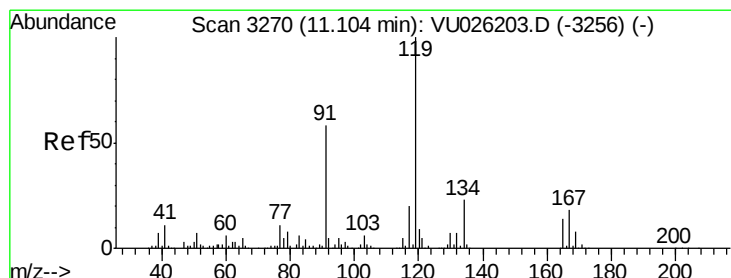
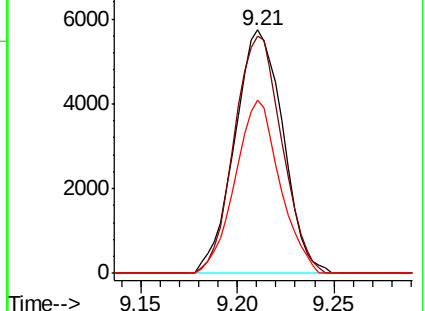
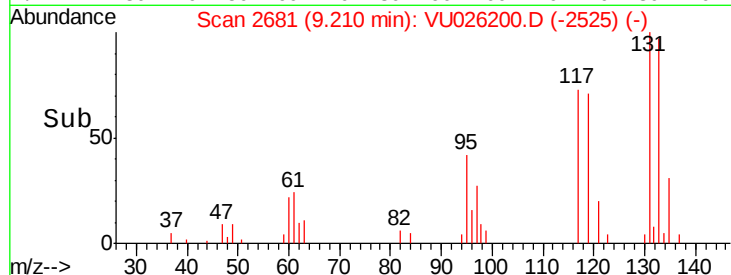
119 66.0 53.0 79.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#61

Pentachloroethane

Concen: 1.240 ug/l

RT: 11.10 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU026200.D

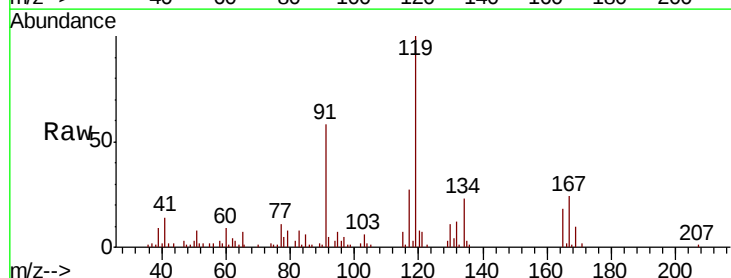
Acq: 20 Aug 2018 11:36

Tgt Ion:117 Resp: 8674

Ion Ratio Lower Upper

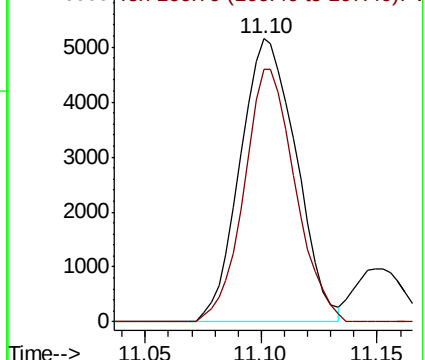
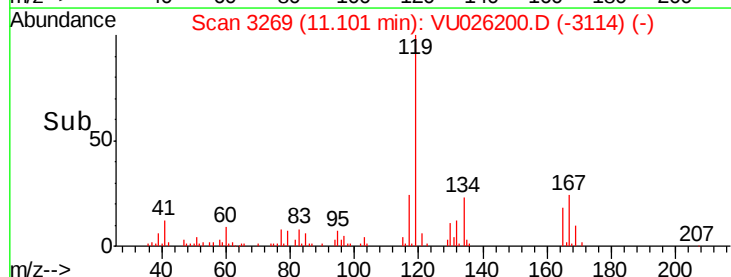
117 100

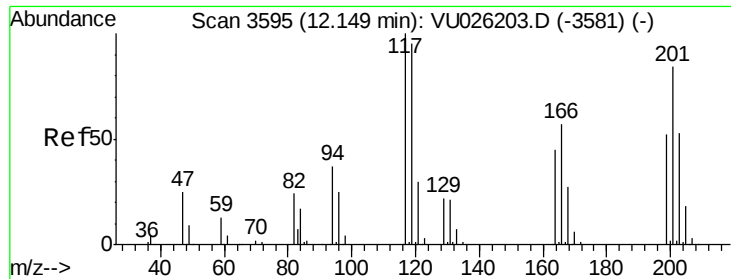
167 81.5 69.2 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 1.113 ug/l

RT: 12.15 min Scan# 3594

Delta R.T. -0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

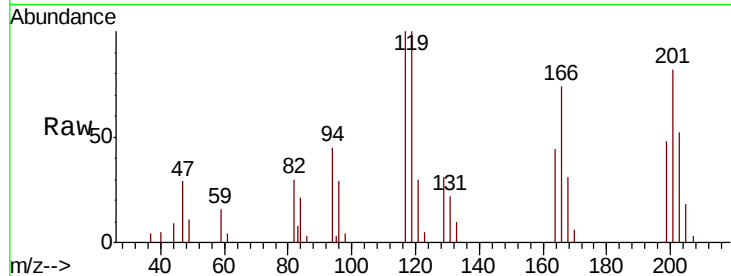
VSTDIC001

Tgt Ion: 117 Resp: 7951

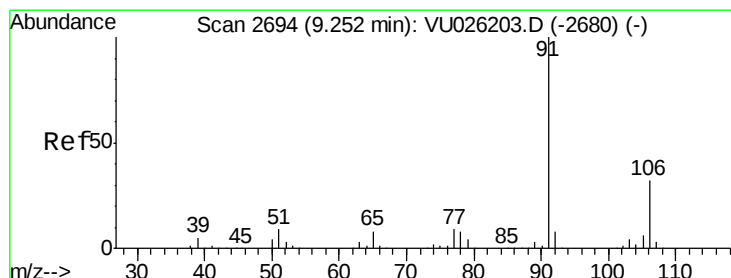
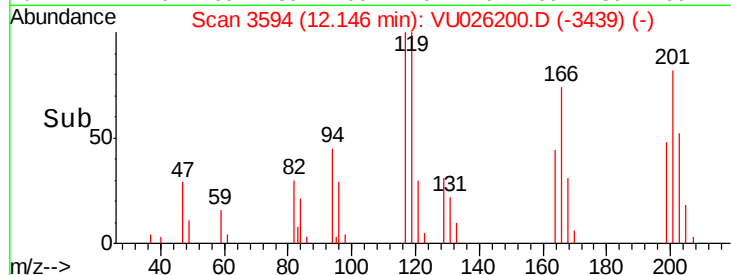
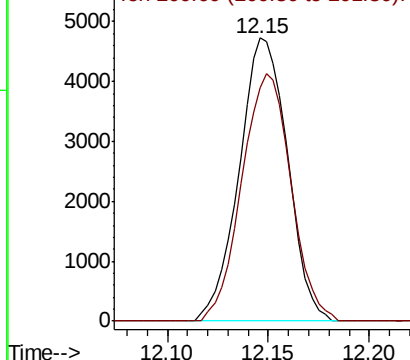
Ion Ratio Lower Upper

117 100

201 88.6 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: 0.846 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU026200.D

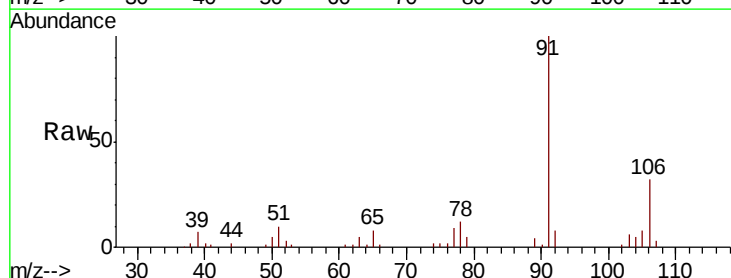
Acq: 20 Aug 2018 11:36

Tgt Ion: 91 Resp: 34725

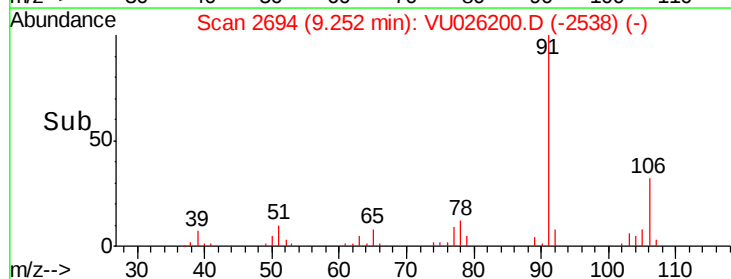
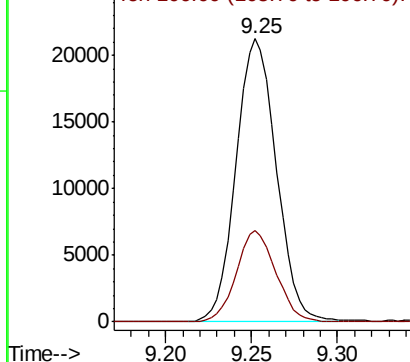
Ion Ratio Lower Upper

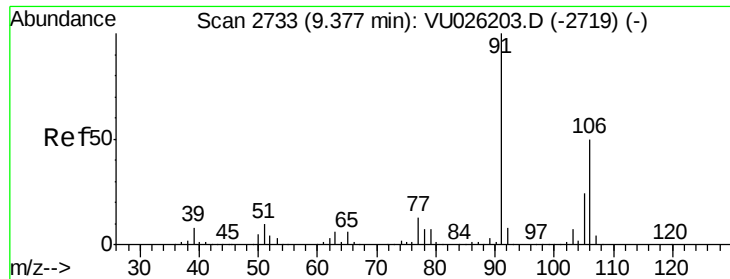
91 100

106 32.2 24.7 37.1



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

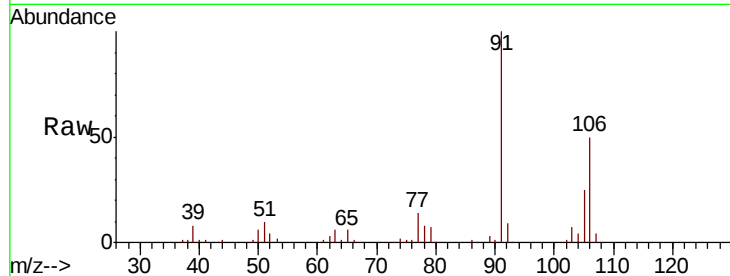




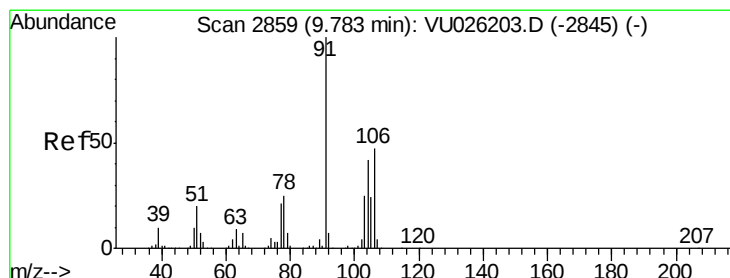
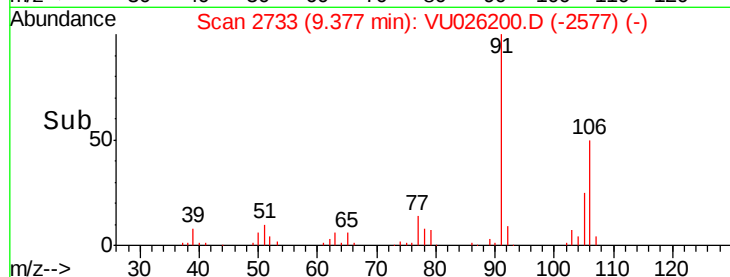
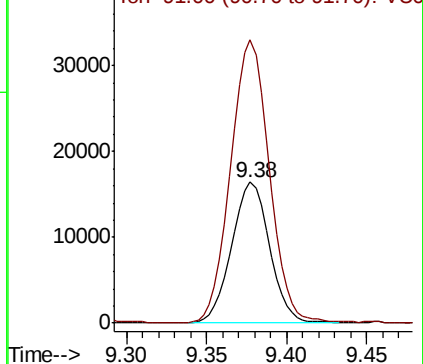
#64
m/p-Xylenes
Concen: 1.643 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 26522
Ion Ratio Lower Upper
106 100
91 205.0 164.1 246.1

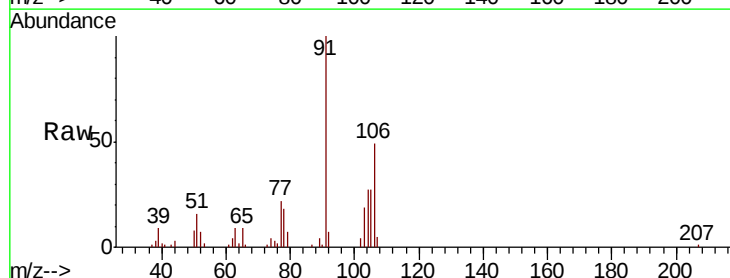


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

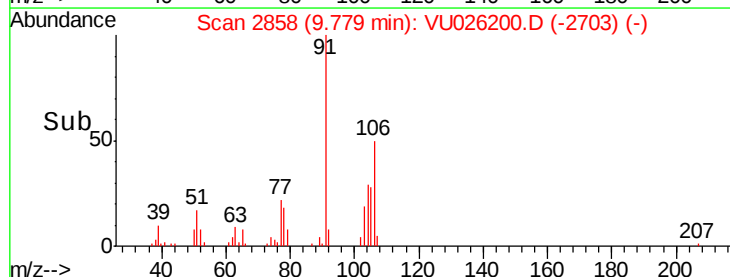
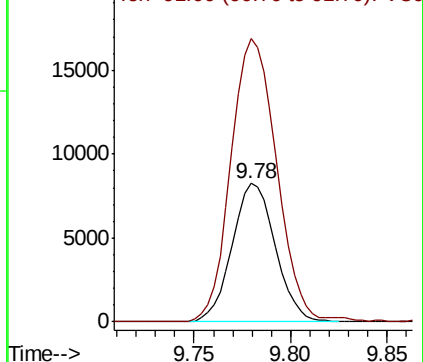


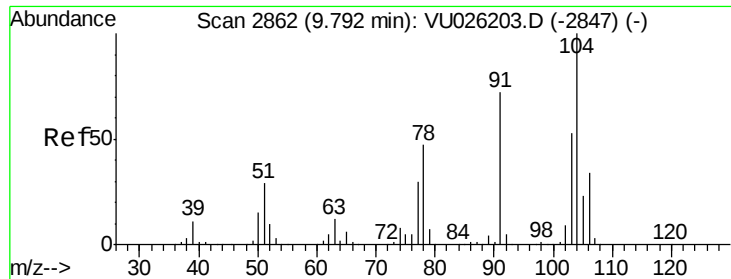
#65
o-Xylene
Concen: 0.834 ug/l
RT: 9.78 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion:106 Resp: 12833
Ion Ratio Lower Upper
106 100
91 215.3 107.9 323.7



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

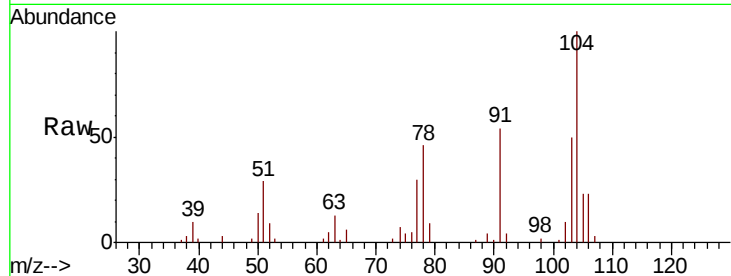




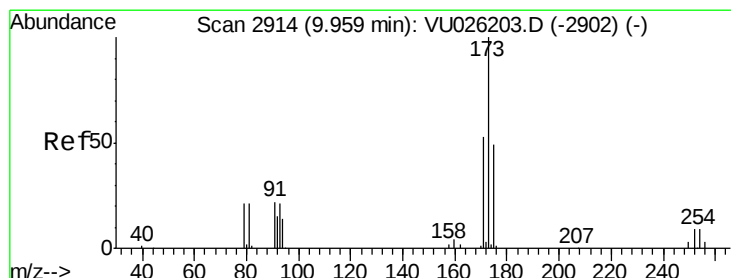
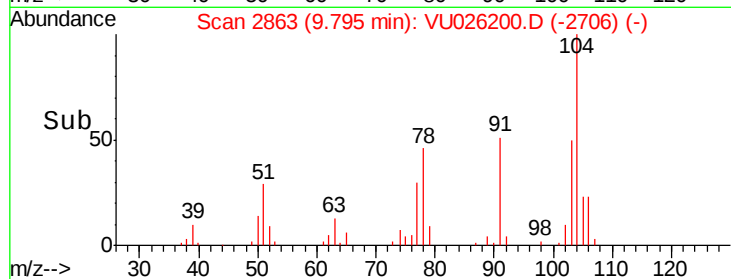
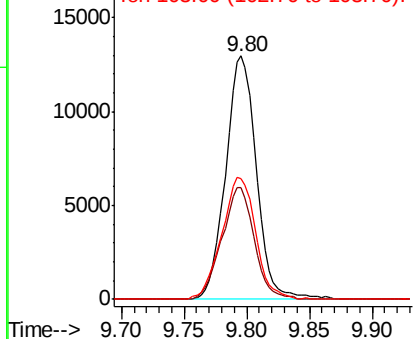
#66
Styrene
Concen: 0.844 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 22043
Ion Ratio Lower Upper
104 100
78 48.2 40.2 60.2
103 55.0 44.2 66.4

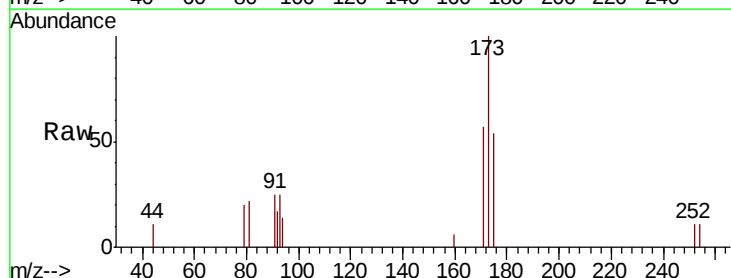


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

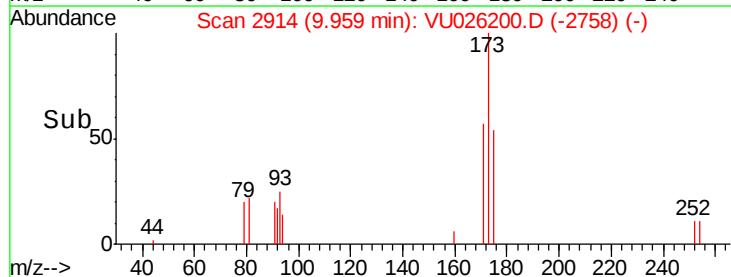
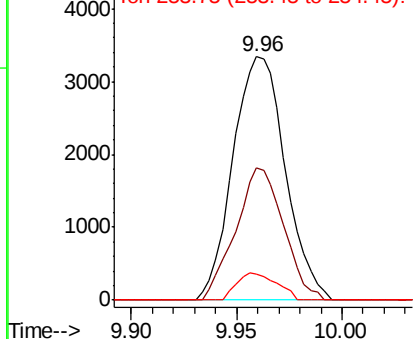


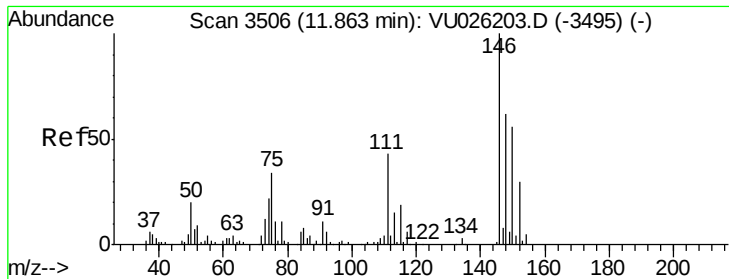
#67
Bromoform
Concen: 1.201 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion:173 Resp: 5748
Ion Ratio Lower Upper
173 100
175 49.7 38.6 57.8
254 8.5 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: 1.201 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

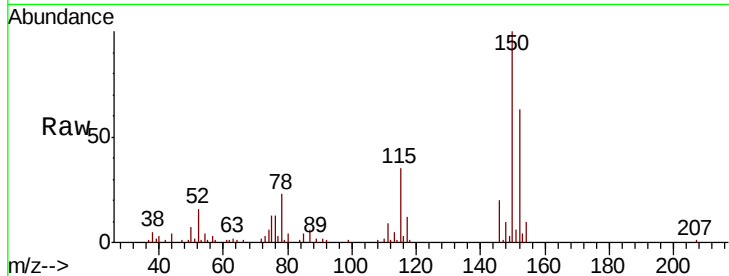
Tgt Ion:152 Resp: 13334

Ion Ratio Lower Upper

152 100

115 73.7 0.0 118.8

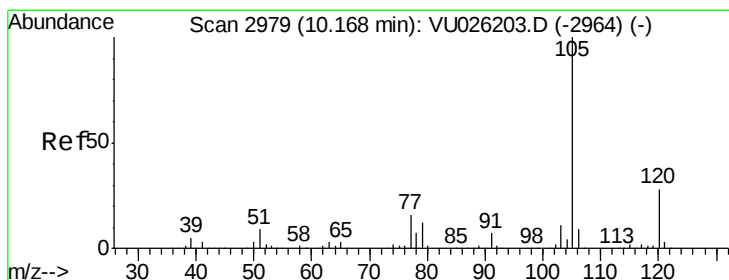
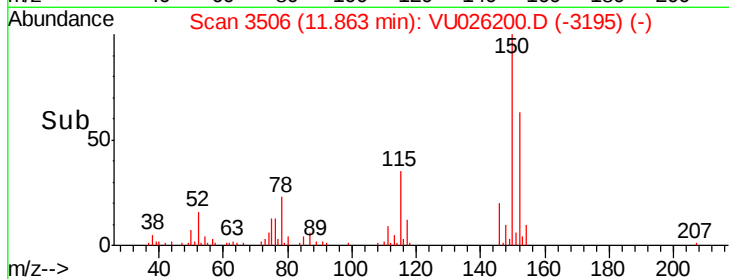
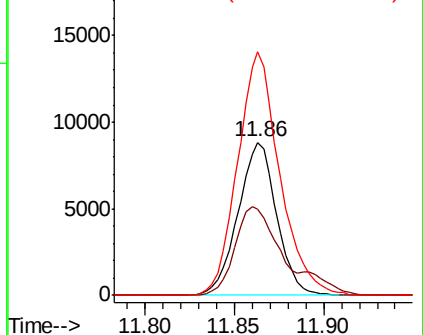
150 173.3 0.0 0.0#



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: 0.827 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU026200.D

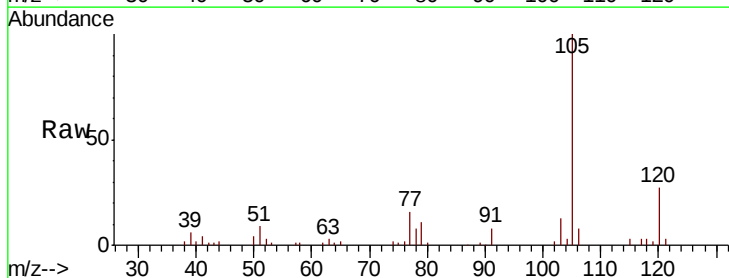
Acq: 20 Aug 2018 11:36

Tgt Ion:105 Resp: 34361

Ion Ratio Lower Upper

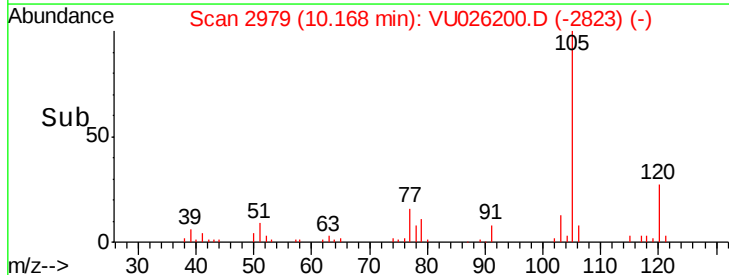
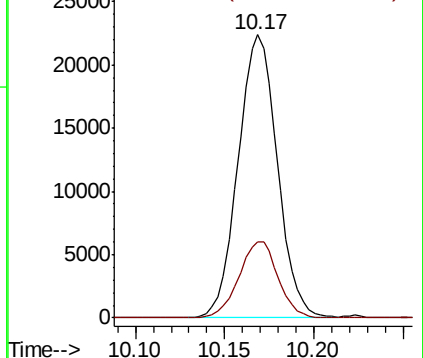
105 100

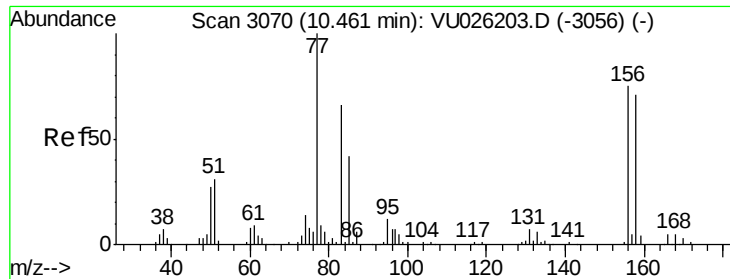
120 26.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#70

1,1,2,2-Tetrachloroethane

Concen: 1.116 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

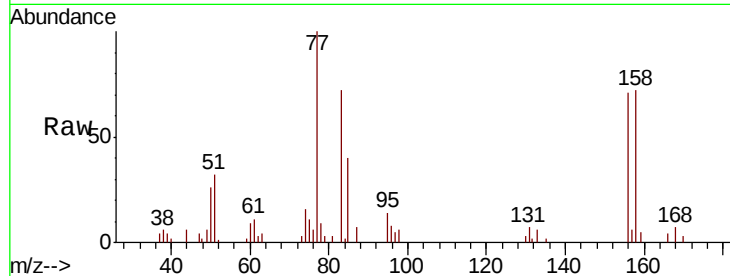
Tgt Ion: 83 Resp: 8943

Ion Ratio Lower Upper

83 100

131 9.4 7.9 11.9

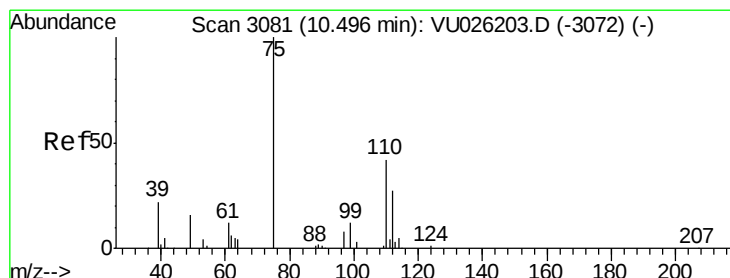
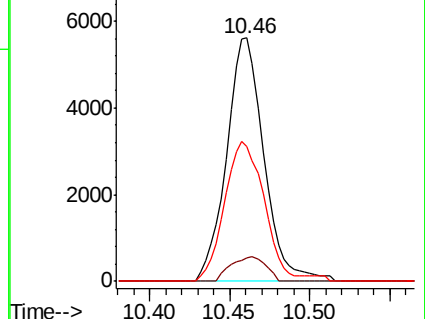
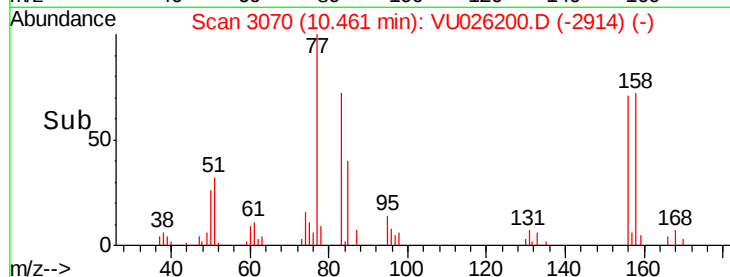
85 60.6 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VU026200.D (-2914) (-)

Ion 131.00 (130.70 to 131.70): VU026200.D (-2914) (-)

Ion 85.00 (84.70 to 85.70): VU026200.D (-2914) (-)



#71

1,2,3-Trichloropropane

Concen: 0.874 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Tgt Ion: 75 Resp: 5458

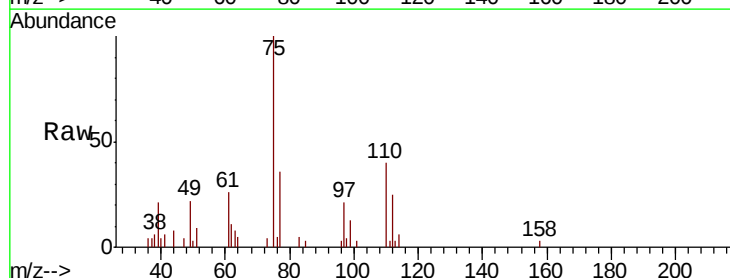
Ion Ratio Lower Upper

75 100

77 11.8 0.0 0.0#

110 46.2 0.0 74.0

97 21.3 0.0 39.6

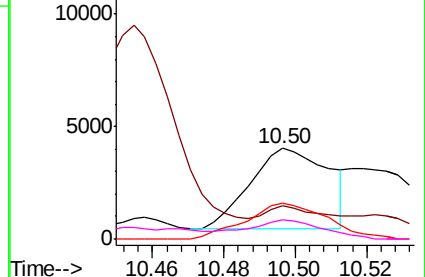
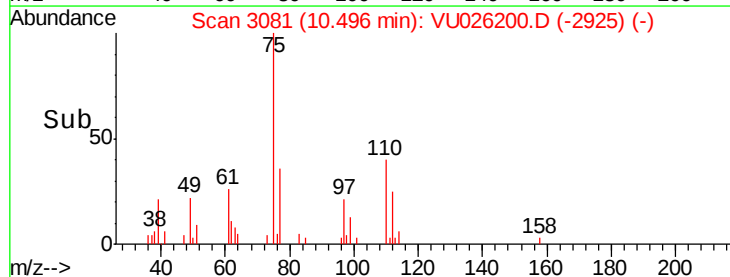


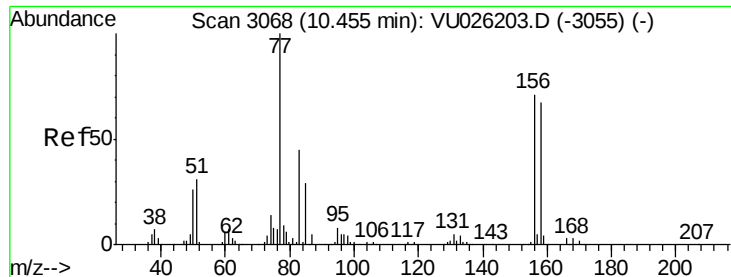
Abundance Ion 75.00 (74.70 to 75.70): VU026200.D (-2925) (-)

Ion 77.00 (76.70 to 77.70): VU026200.D (-2925) (-)

Ion 110.00 (109.70 to 110.70): VU026200.D (-2925) (-)

Ion 97.00 (96.70 to 97.70): VU026200.D (-2925) (-)





#72

Bromobenzene

Concen: 0.927 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

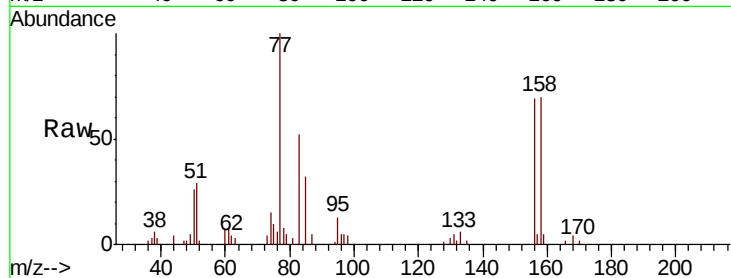
Tgt Ion:156 Resp: 10002

Ion Ratio Lower Upper

156 100

77 159.0 0.0 309.8

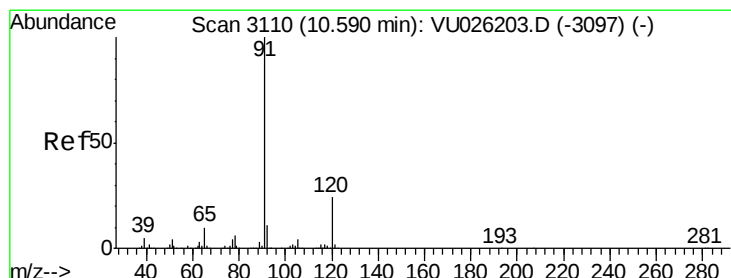
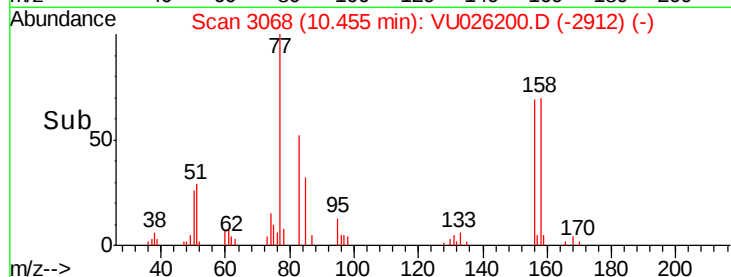
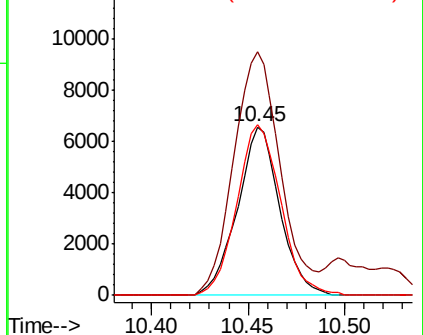
158 105.0 0.0 193.0



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: 0.817 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU026200.D

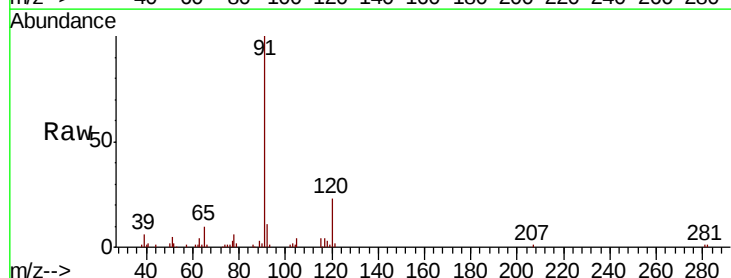
Acq: 20 Aug 2018 11:36

Tgt Ion:120 Resp: 9570

Ion Ratio Lower Upper

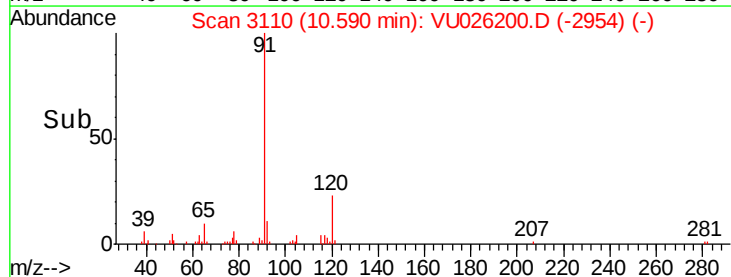
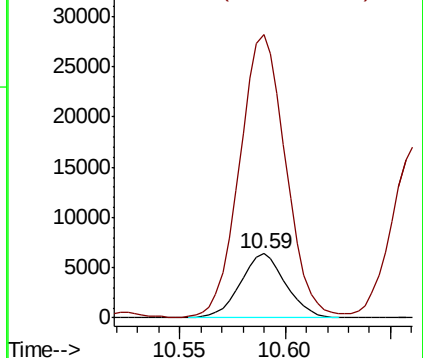
120 100

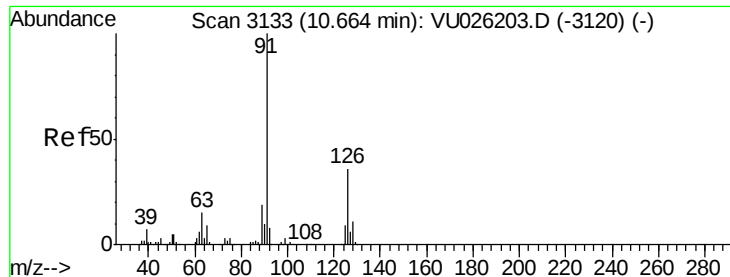
91 449.3 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 0.901 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

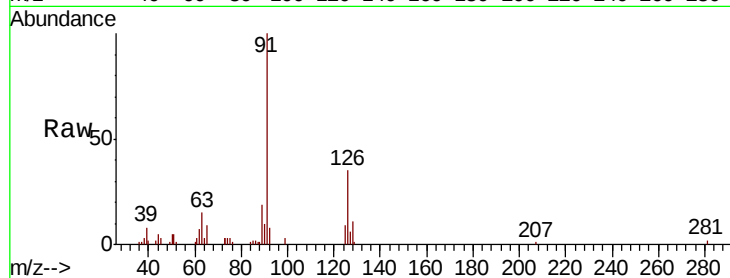
VSTDIC001

Tgt Ion:126 Resp: 9294

Ion Ratio Lower Upper

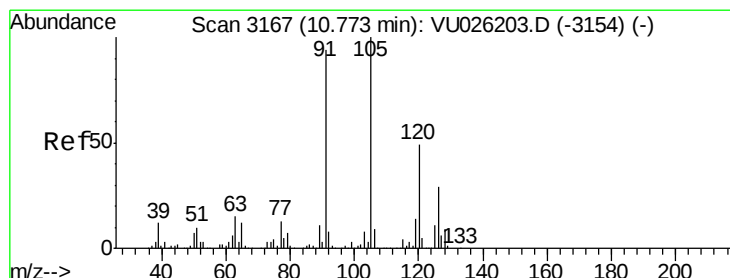
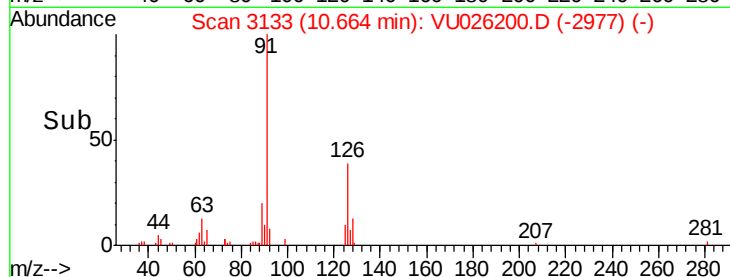
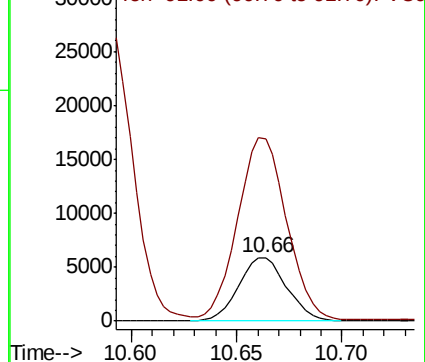
126 100

91 294.3 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: 0.818 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VU026200.D

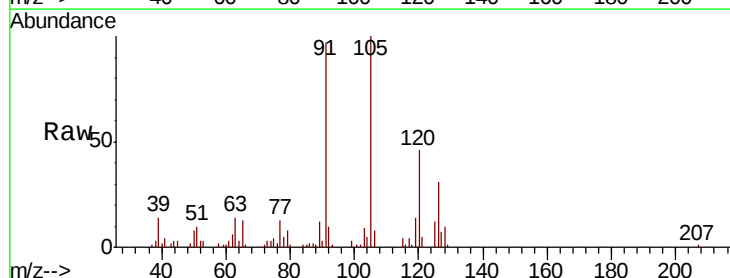
Acq: 20 Aug 2018 11:36

Tgt Ion:105 Resp: 29671

Ion Ratio Lower Upper

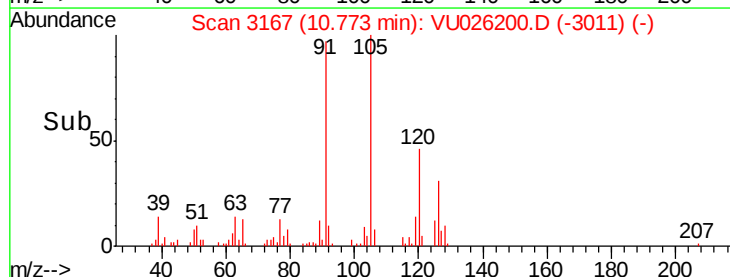
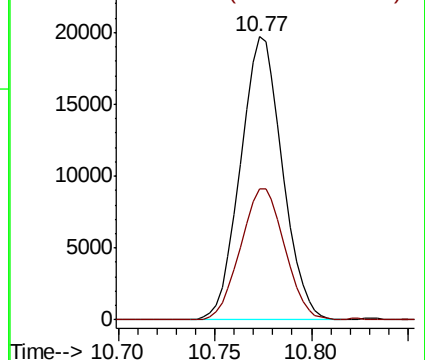
105 100

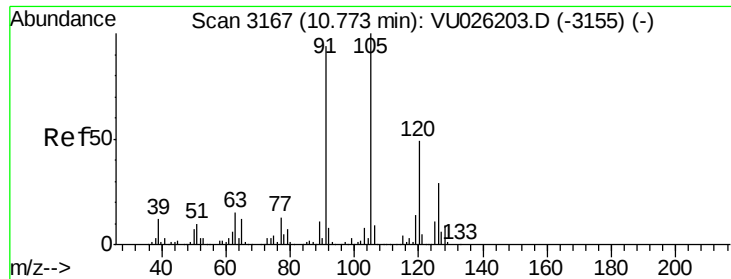
120 48.7 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

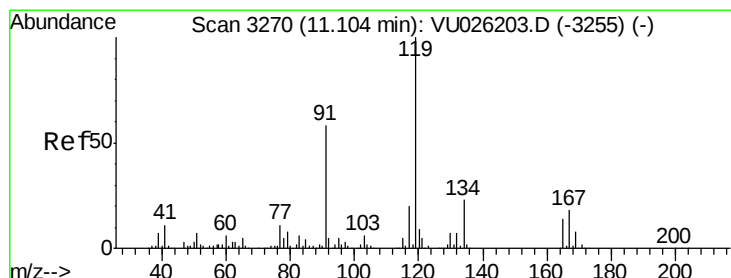
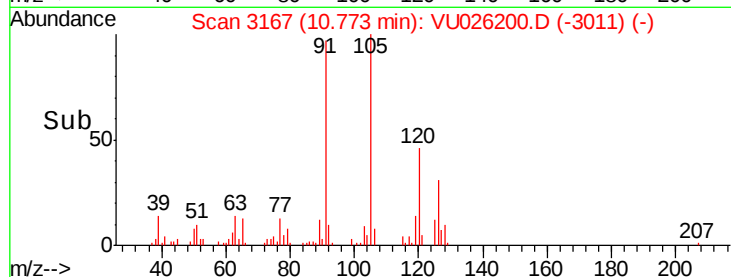
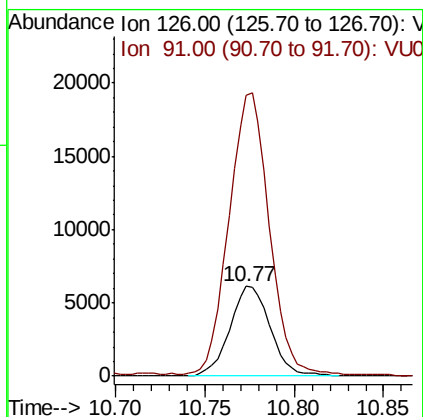
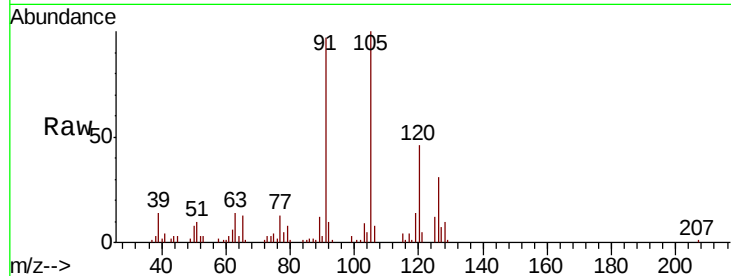




#76
4-Chlorotoluene
Concen: 0.887 ug/l
RT: 10.77 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

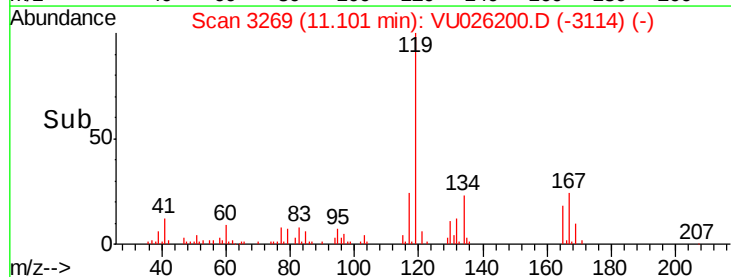
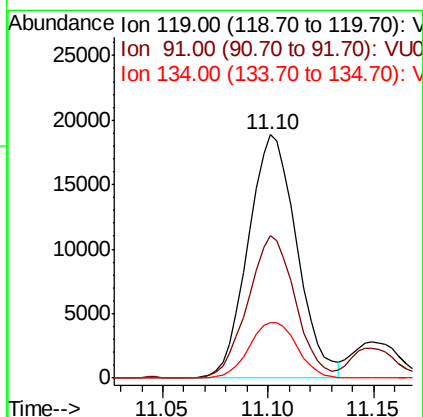
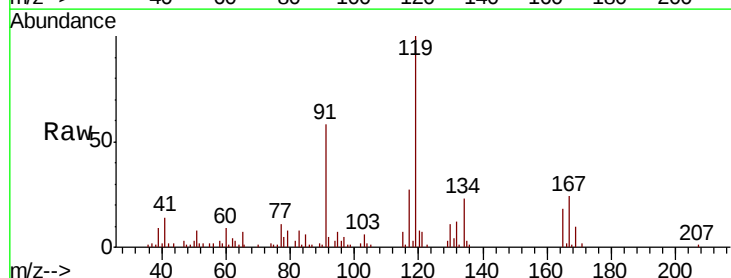
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

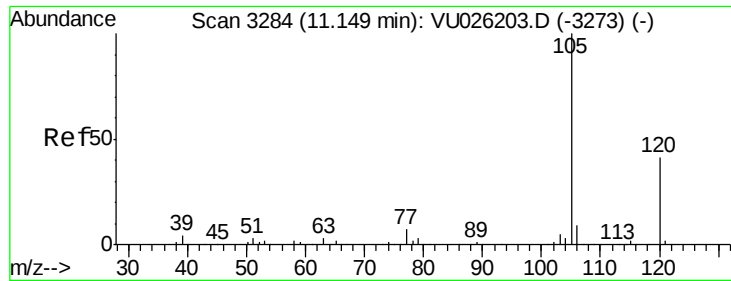
Tgt Ion:126 Resp: 9613
Ion Ratio Lower Upper
126 100
91 310.9 0.0 667.2



#77
tert-Butylbenzene
Concen: 0.847 ug/l
RT: 11.10 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion:119 Resp: 30297
Ion Ratio Lower Upper
119 100
91 56.6 29.6 88.8
134 22.3 19.1 28.7

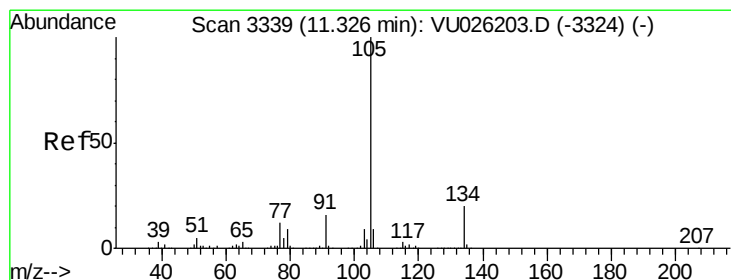
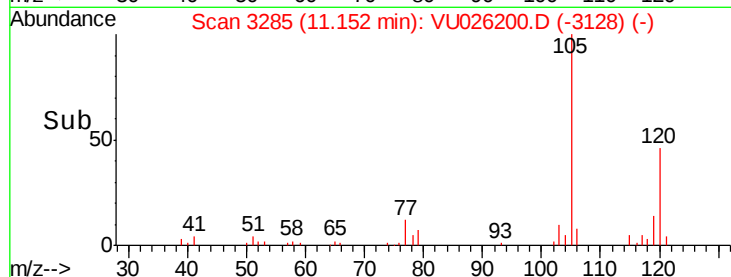
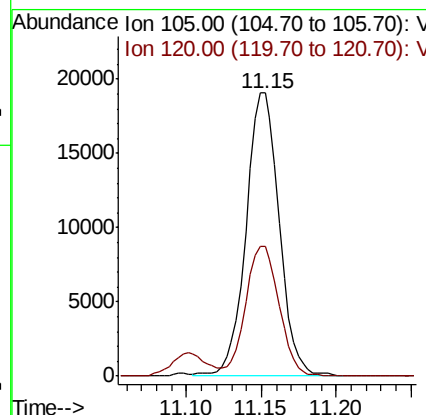
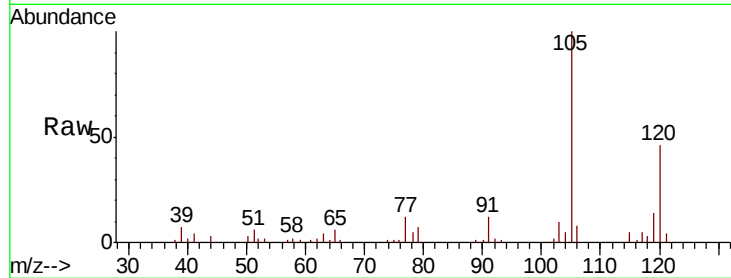




#78
 1,2,4-Trimethylbenzene
 Concen: 0.793 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

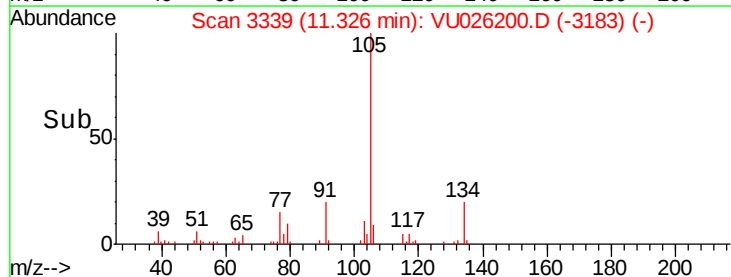
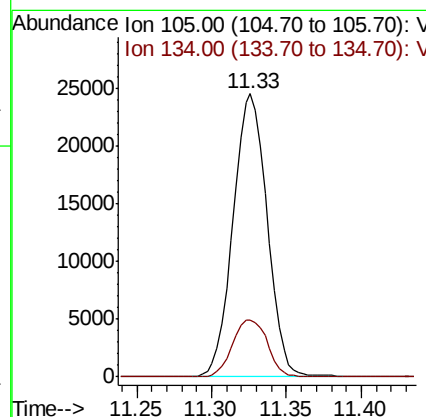
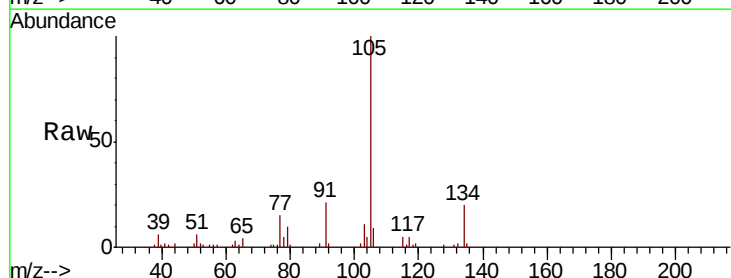
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

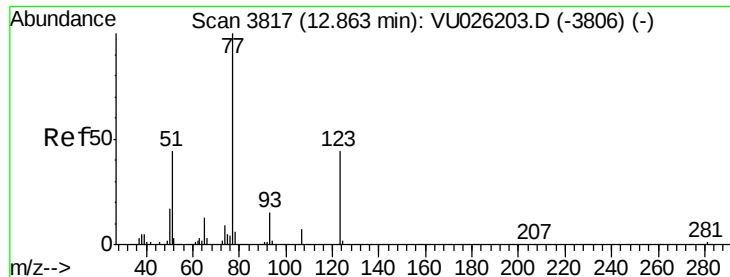
Tgt Ion:105 Resp: 29383
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.3



#79
 sec-Butylbenzene
 Concen: 0.827 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion:105 Resp: 38881
 Ion Ratio Lower Upper
 105 100
 134 20.5 15.6 23.4





#80

Nitrobenzene

Concen: 6.660 ug/l

RT: 12.86 min Scan# 3817

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

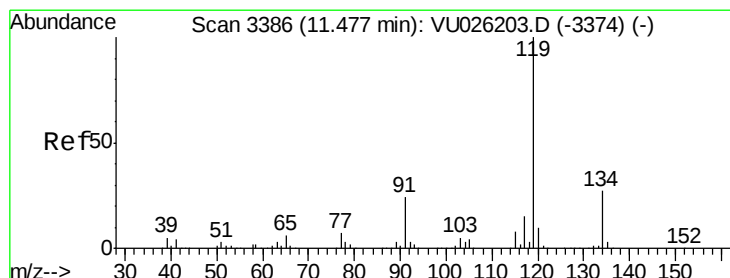
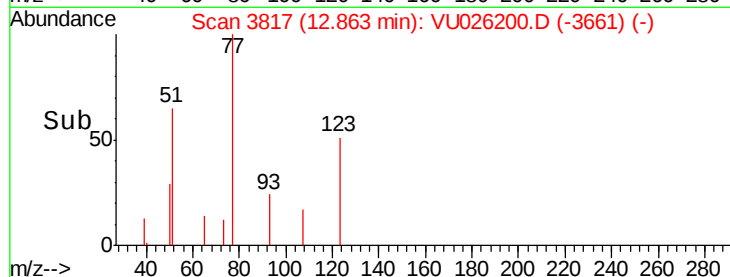
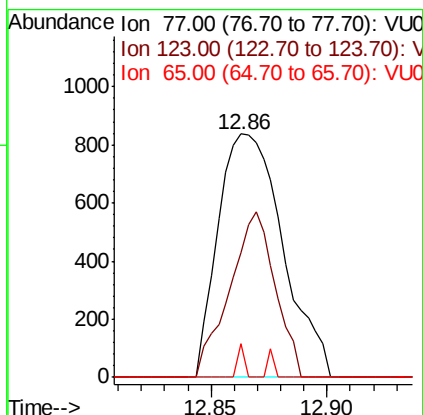
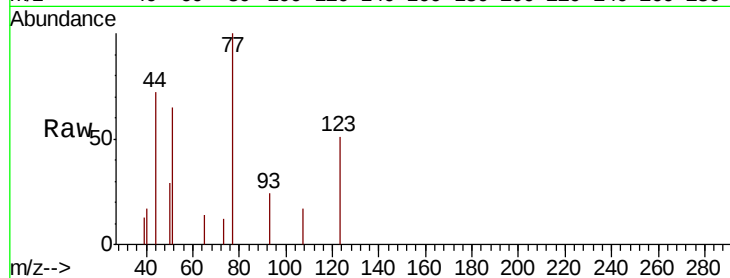
Tgt Ion: 77 Resp: 1625

Ion Ratio Lower Upper

77 100

123 0.0 19.4 68.6#

65 1.4 11.2 14.2#



#81

p-Isopropyltoluene

Concen: 0.806 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

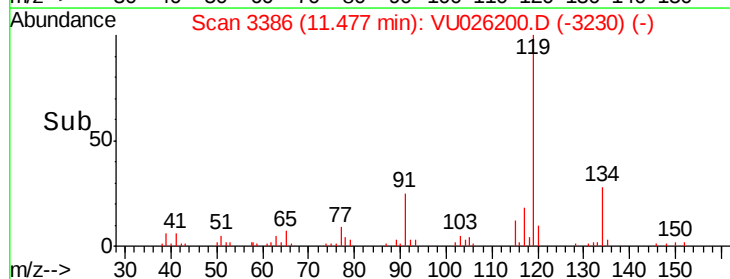
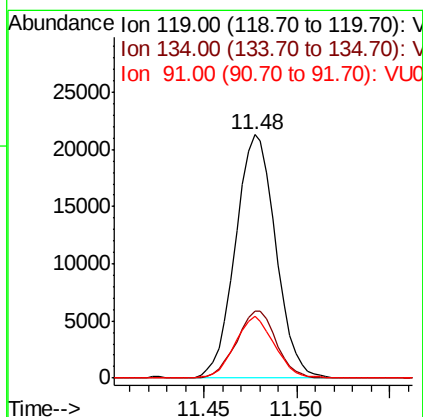
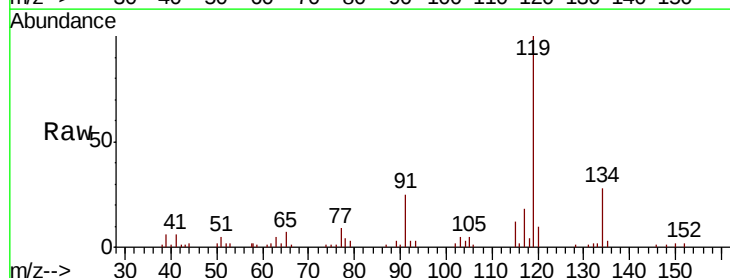
Tgt Ion: 119 Resp: 32147

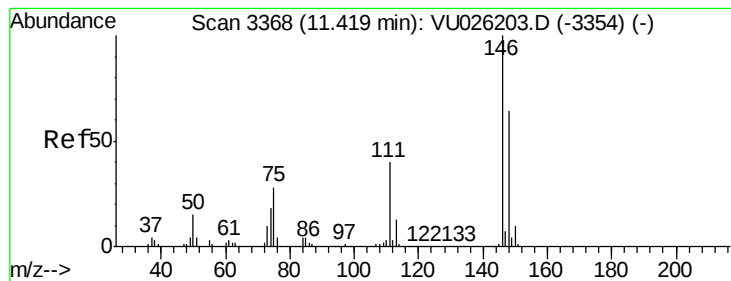
Ion Ratio Lower Upper

119 100

134 27.1 20.9 31.3

91 24.8 18.2 27.2





#82

1,3-Dichlorobenzene

Concen: 1.004 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

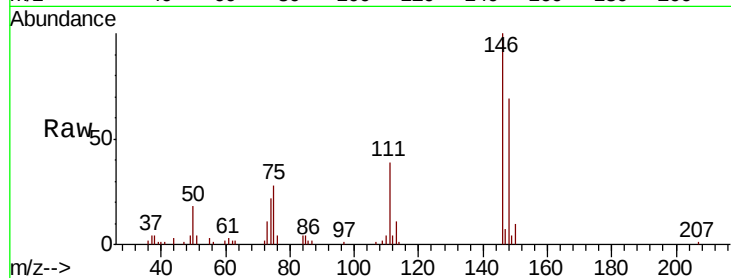
Tgt Ion:146 Resp: 22295

Ion Ratio Lower Upper

146 100

111 37.9 31.8 47.6

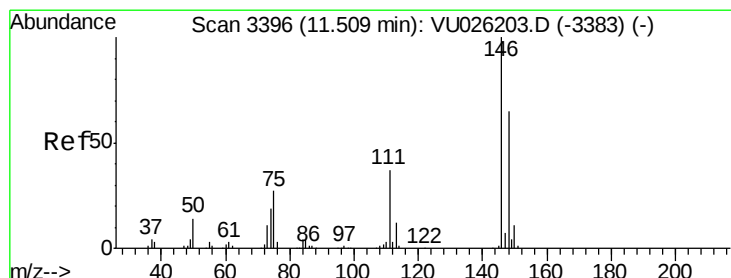
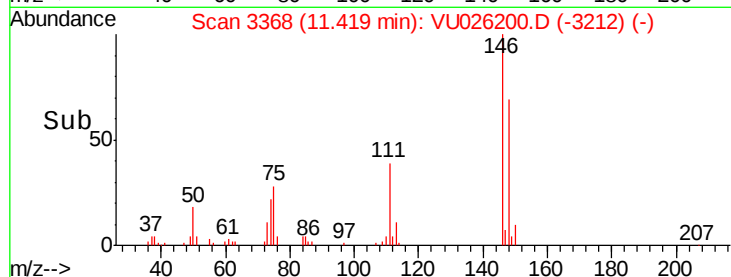
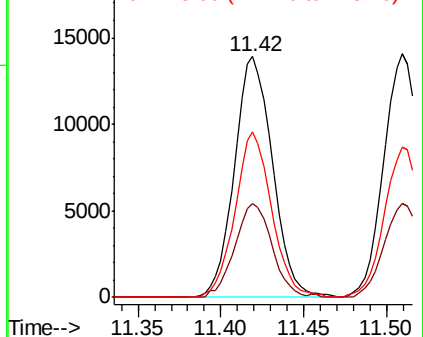
148 65.9 51.0 76.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 1.030 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

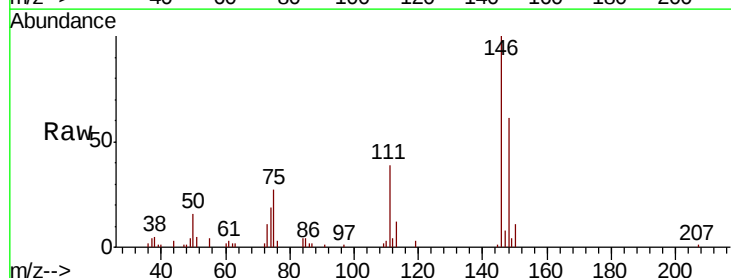
Tgt Ion:146 Resp: 22303

Ion Ratio Lower Upper

146 100

111 38.7 30.1 45.1

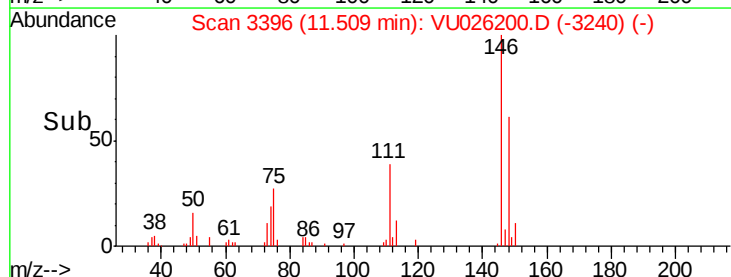
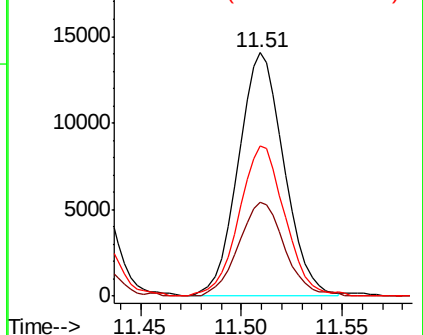
148 62.0 50.6 76.0

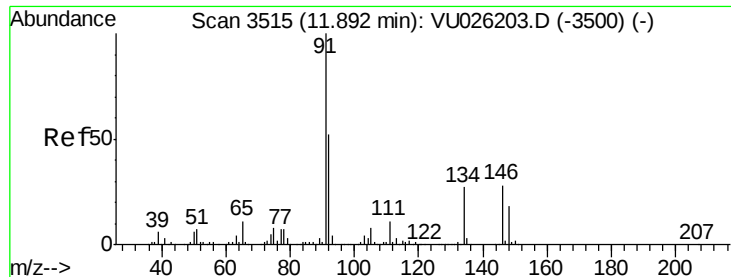


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

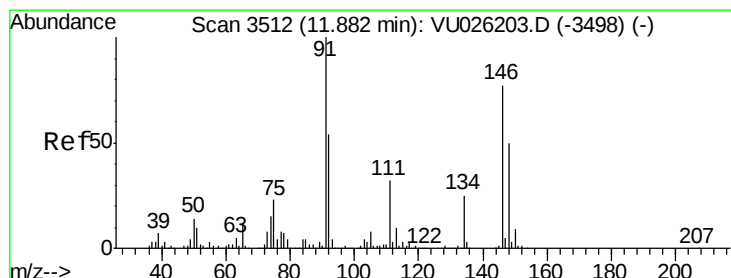
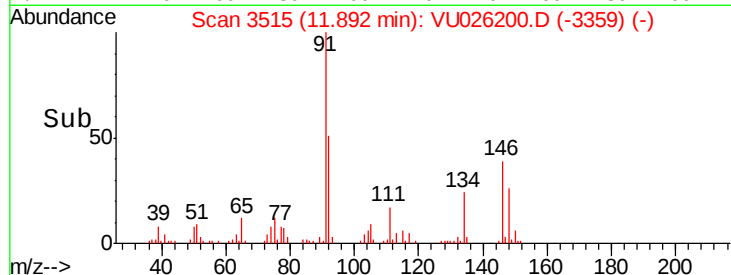
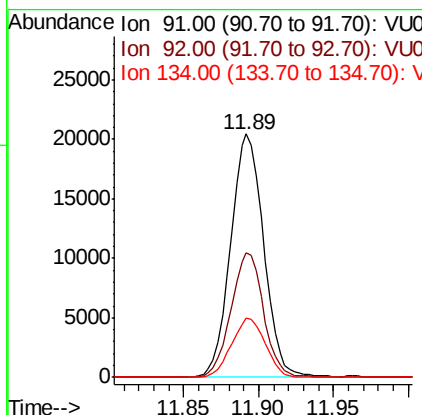
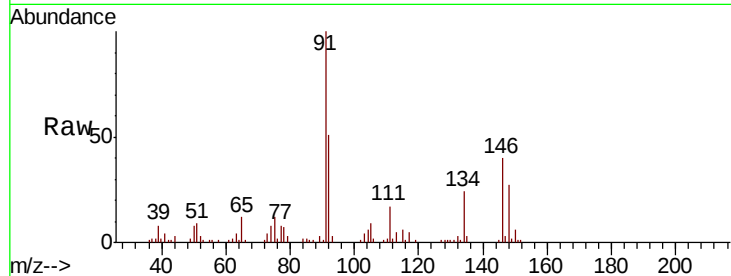




#84
n-Butylbenzene
Concen: 0.840 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

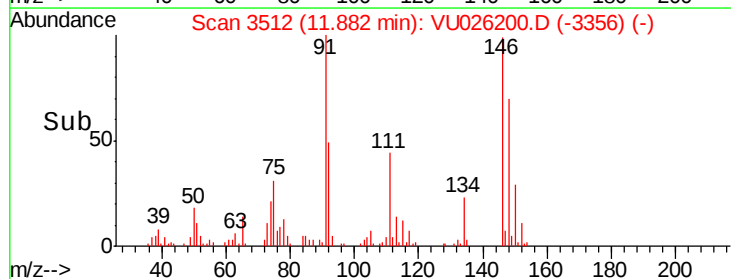
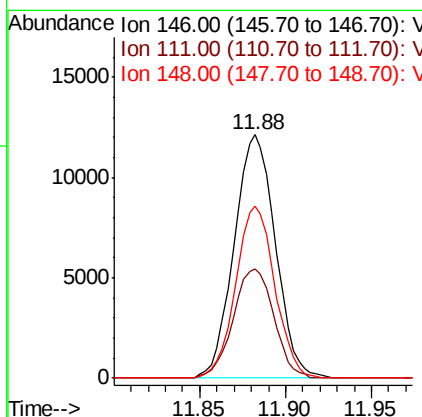
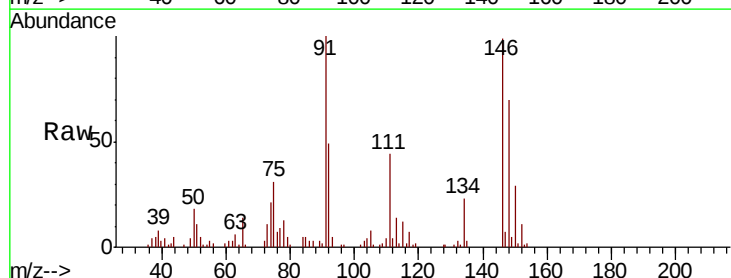
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

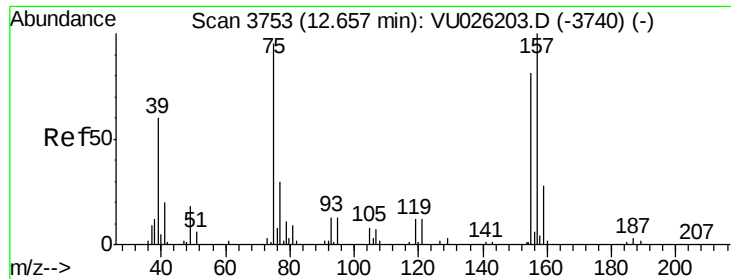
Tgt Ion: 91 Resp: 31445
Ion Ratio Lower Upper
91 100
92 50.2 42.2 63.2
134 24.7 20.3 30.5



#85
1,2-Dichlorobenzene
Concen: 0.999 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU026200.D
Acq: 20 Aug 2018 11:36

Tgt Ion: 146 Resp: 20238
Ion Ratio Lower Upper
146 100
111 44.3 20.7 62.1
148 67.1 31.9 95.5

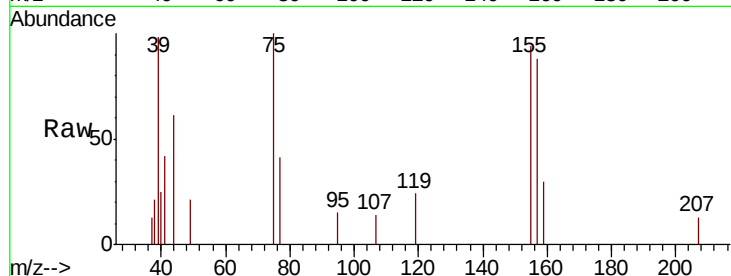




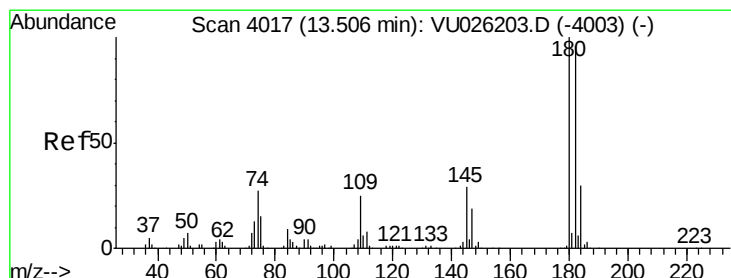
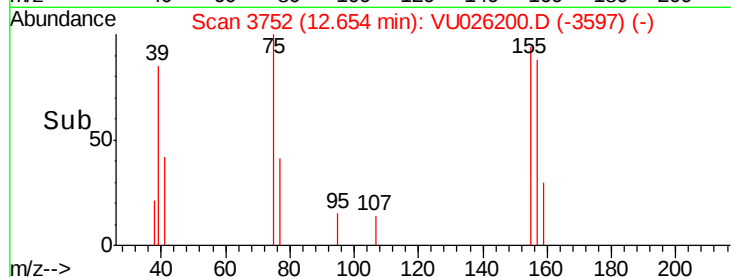
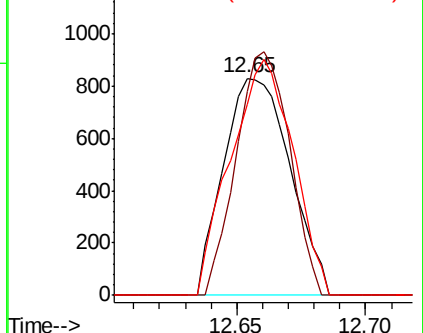
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.130 ug/l
 RT: 12.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 1495
 Ion Ratio Lower Upper
 75 100
 155 90.2 65.8 98.6
 157 102.2 83.5 125.3

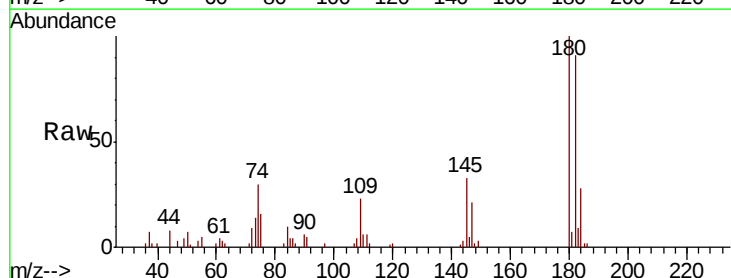


Abundance Ion 75.00 (74.70 to 75.70): VU
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

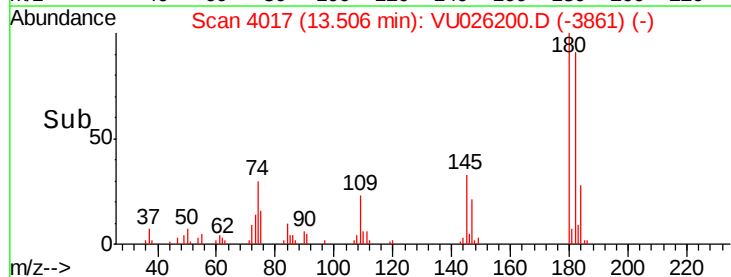
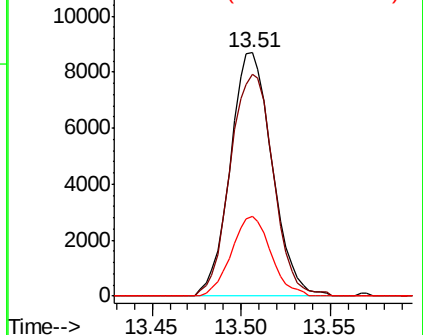


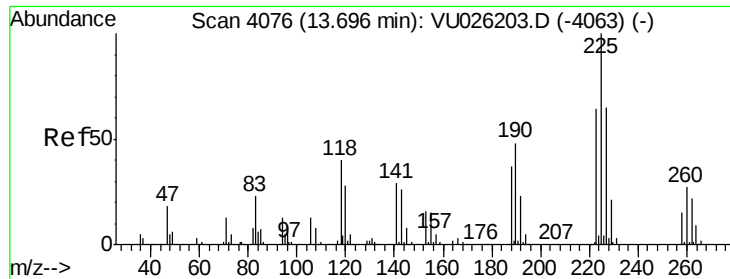
#87
 1,2,4-Trichlorobenzene
 Concen: 1.005 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Tgt Ion: 180 Resp: 14178
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.1 115.7
 145 30.8 23.3 34.9



Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V





#88

Hexachlorobutadiene

Concen: 1.084 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

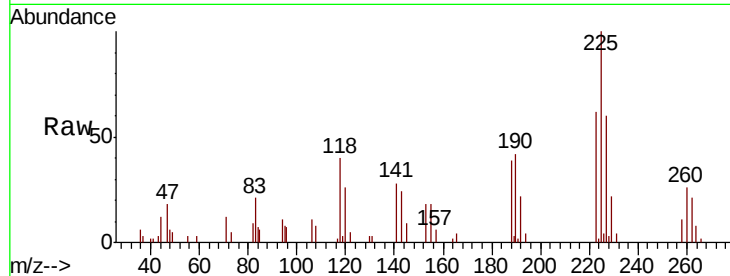
Tgt Ion:225 Resp: 9400

Ion Ratio Lower Upper

225 100

223 61.7 50.6 75.8

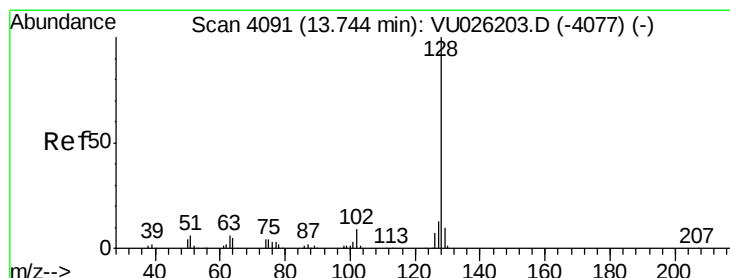
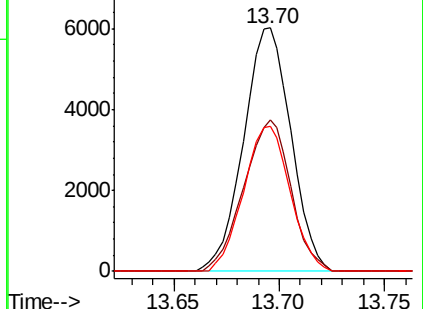
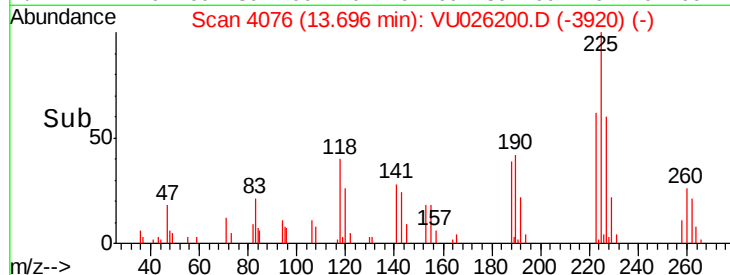
227 58.5 51.8 77.6



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 0.879 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU026200.D

Acq: 20 Aug 2018 11:36

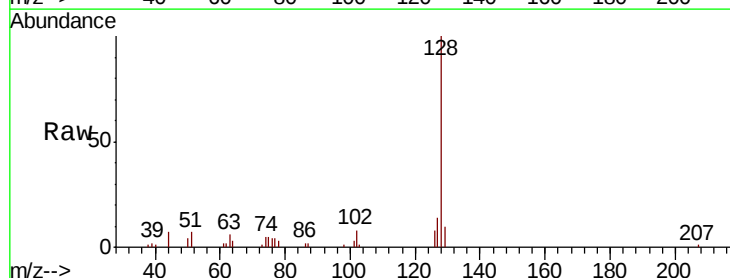
Tgt Ion:128 Resp: 20141

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

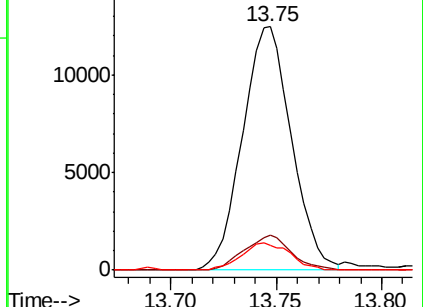
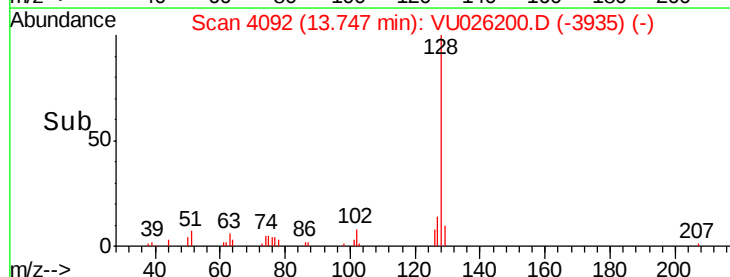
129 11.0 8.7 13.1

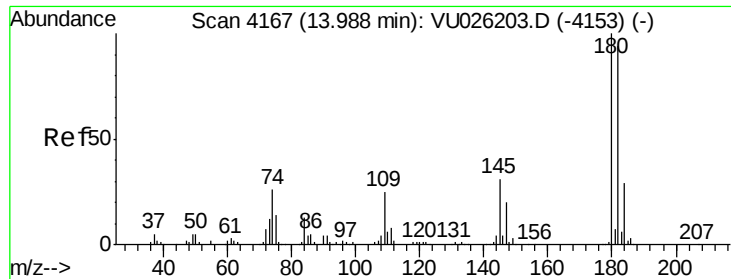


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#90
 1,2,3-Trichlorobenzene
 Concen: 1.026 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU026200.D
 Acq: 20 Aug 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion	Resp	Lower	Upper
180	13226		
182	97.9	76.8	115.2
145	27.5	24.6	36.8

