

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
 Data File : VU026199.D
 Acq On : 20 Aug 2018 11:12
 Operator : MD/SY
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Aug 20 13:08:30 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	32211	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	11370	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	13226	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	6207	0.540 ug/l	94
3) Chloromethane	1.33	50	5730	0.528 ug/l	98
4) Vinyl Chloride	1.40	62	5485	0.546 ug/l	97
5) Bromomethane	1.63	94	2776	0.567 ug/l	90
6) Chloroethane	1.70	64	3754	0.622 ug/l	94
7) Trichlorofluoromethane	1.89	101	8208	0.560 ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4379	0.544 ug/l	96
9) 1,1-Dichloroethene	2.29	96	3882	0.547 ug/l	90
10) Iodomethane	2.41	142	3871	1.350 ug/l	94
12) Acrylonitrile	2.94	53	1816	1.160 ug/l #	90
13) Acetone	2.10	43	350	0.257 ug/l	98
14) Carbon Disulfide	2.48	76	13705	0.564 ug/l	96
15) Methylene Chloride	2.70	84	8037	0.949 ug/l	94
16) trans-1,2-Dichloroethene	2.99	96	4837	0.607 ug/l	80
17) 1,1-Dichloroethane	3.45	63	8085	0.512 ug/l	95
18) 2-Butanone	4.28	43	6214	2.630 ug/l	98
19) Cyclohexane	5.00	56	4971	0.408 ug/l #	82
20) Methylcyclohexane	6.42	83	5516	0.369 ug/l	95
21) 2,2-Dichloropropane	4.24	77	8204	0.545 ug/l	94
22) cis-1,2-Dichloroethene	4.23	96	5424	0.541 ug/l	85
23) Diethyl Ether	2.10	59	2988	0.556 ug/l	98
24) tert-Butyl Alcohol	2.83	59	3157	4.997 ug/l #	81
25) Methyl tert-Butyl Ether	3.00	73	9985	0.520 ug/l #	88
26) Bromochloromethane	4.55	128	2347	0.532 ug/l #	52
27) Chloroform	4.68	83	9254	0.533 ug/l	89
28) 1,1,1-Trichloroethane	4.92	97	7930	0.507 ug/l	96
29) 1,1-Dichloropropene	5.14	75	5836	0.455 ug/l #	85
30) Carbon Tetrachloride	5.14	117	7548	0.531 ug/l	98
31) Isopropyl Ether	3.58	45	13193	0.521 ug/l	86
32) Ethyl-t-butyl ether	4.07	59	11376	0.473 ug/l	93
33) Tert-Amyl methyl ether	5.58	73	8701	0.410 ug/l	99
34) Propionitrile	4.34	54	1680	2.559 ug/l #	71
35) Benzene	5.39	78	18097	0.504 ug/l	100
36) 1,2-Dichloroethane	5.41	62	5837	0.530 ug/l #	92
37) Trichloroethene	6.19	130	5458	0.516 ug/l	84
38) 1,2-Dichloropropane	6.44	63	4328	0.465 ug/l	92
39) Methacrylonitrile	4.56	41	1301	0.430 ug/l #	84
40) Methyl acrylate	4.43	55	1891	0.415 ug/l #	73
41) Tetrahydrofuran	4.65	42	1883	1.054 ug/l #	85
42) 1-Chlorobutane	5.07	56	7962	0.455 ug/l	90
43) Dibromomethane	6.56	93	2457	0.505 ug/l	98

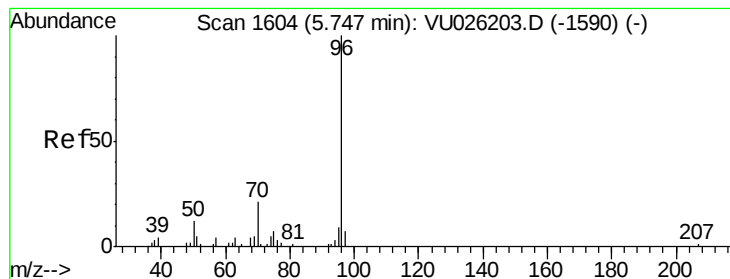
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
 Data File : VU026199.D
 Acq On : 20 Aug 2018 11:12
 Operator : MD/SY
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Aug 20 13:08:30 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	6376	0.518	ug/l	91
45) 4-Methyl-2-Pentanone	7.47	43	11252	2.076	ug/l	96
46) t-1,4-Dichloro-2-butene	10.50	75	2367	2.449	ug/l #	67
47) Methyl methacrylate	6.63	69	3258	0.801	ug/l	90
48) Ethyl methacrylate	8.03	69	2798	0.343	ug/l	97
49) Toluene	7.64	92	8928	0.407	ug/l	94
50) t-1,3-Dichloropropene	7.89	75	5100	0.459	ug/l	90
51) cis-1,3-Dichloropropene	7.27	75	5826	0.437	ug/l	91
52) 1,1,2-Trichloroethane	8.07	97	3365	0.516	ug/l	87
53) 1,3-Dichloropropane	8.25	76	5641	0.513	ug/l	97
54) 2-Hexanone	8.37	43	8044	2.101	ug/l	92
55) Dibromochloromethane	8.48	129	4099	0.495	ug/l	96
56) 1,2-Dibromoethane	8.59	107	3292	0.522	ug/l	91
58) Tetrachloroethene	8.23	164	4775	0.503	ug/l	97
59) Chlorobenzene	9.12	112	10818	0.429	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	4619	0.493	ug/l	97
61) Pentachloroethane	11.10	117	3853	0.539	ug/l	97
62) Hexachloroethane	12.15	117	3758	0.515	ug/l	98
63) Ethyl Benzene	9.25	91	15768	0.376	ug/l	97
64) m/p-Xylenes	9.38	106	11681	0.708	ug/l	95
65) o-Xylene	9.78	106	5788	0.368	ug/l	97
66) Styrene	9.80	104	9322	0.349	ug/l	97
67) Bromoform	9.96	173	2319	0.474	ug/l #	95
69) Isopropylbenzene	10.17	105	15696	0.370	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	3986	0.487	ug/l	95
71) 1,2,3-Trichloropropane	10.50	75	2367	0.371	ug/l #	85
72) Bromobenzene	10.45	156	4851	0.440	ug/l	94
73) n-propylbenzene	10.59	120	4256	0.356	ug/l	99
74) 2-Chlorotoluene	10.66	126	4026	0.382	ug/l	95
75) 1,3,5-Trimethylbenzene	10.78	105	12586	0.339	ug/l	97
76) 4-Chlorotoluene	10.77	126	3955	0.357	ug/l	94
77) tert-Butylbenzene	11.10	119	13918	0.381	ug/l	90
78) 1,2,4-Trimethylbenzene	11.15	105	13199	0.349	ug/l	97
79) sec-Butylbenzene	11.33	105	17026	0.354	ug/l	98
80) Nitrobenzene	12.87	77	766	3.073	ug/l #	78
81) p-Isopropyltoluene	11.48	119	13340	0.327	ug/l	96
82) 1,3-Dichlorobenzene	11.42	146	10163	0.448	ug/l	96
83) 1,4-Dichlorobenzene	11.51	146	9946	0.450	ug/l	97
84) n-Butylbenzene	11.89	91	13901	0.364	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	9641	0.466	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	779	0.577	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.51	180	6525	0.453	ug/l	98
88) Hexachlorobutadiene	13.69	225	3985	0.450	ug/l	98
89) Naphthalene	13.75	128	9751	0.417	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	6152	0.467	ug/l	98

(#) = 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: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 96 Resp: 32211

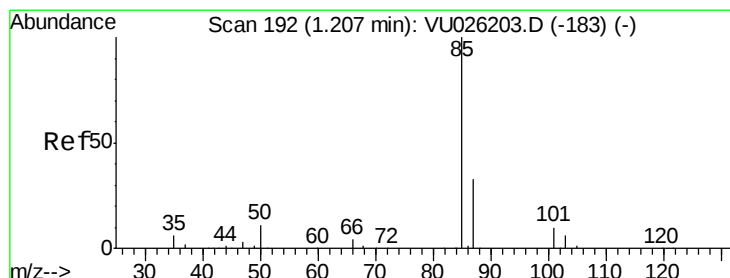
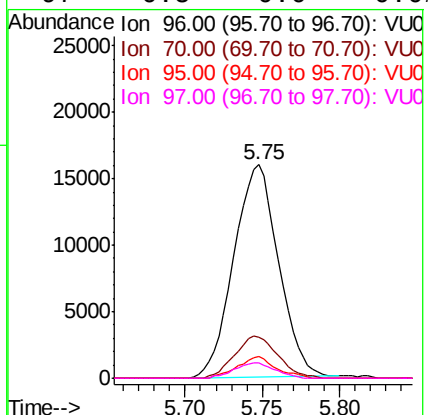
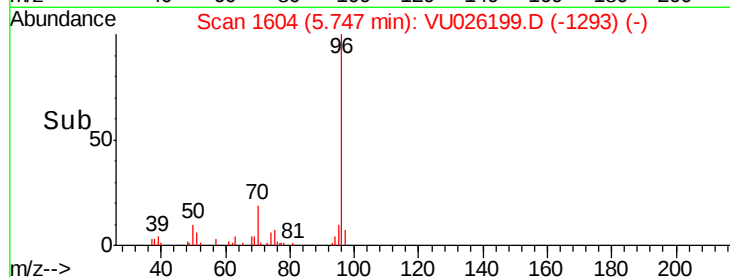
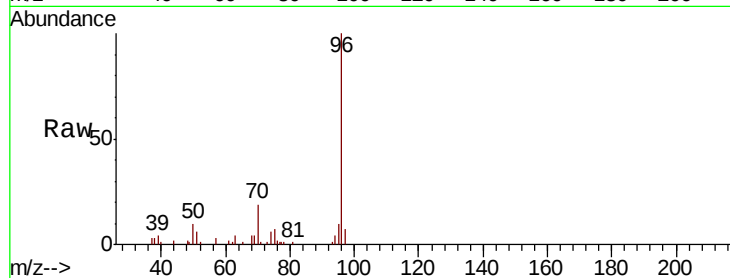
Ion Ratio Lower Upper

96 100

70 19.0 16.2 24.4

95 8.8 6.9 10.3

97 6.5 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.540 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU026199.D

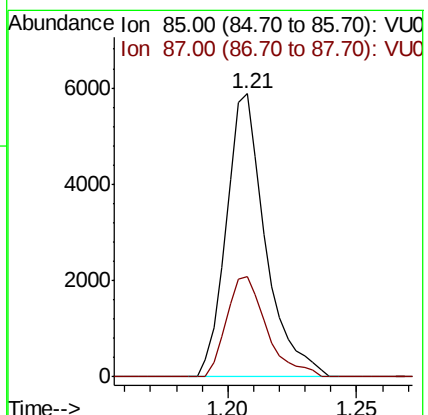
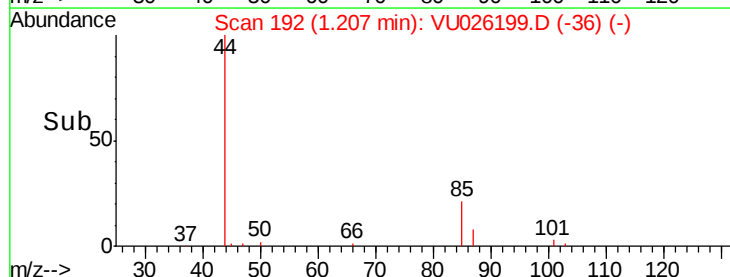
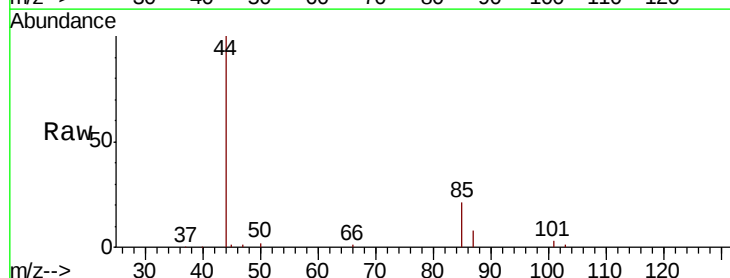
Acq: 20 Aug 2018 11:12

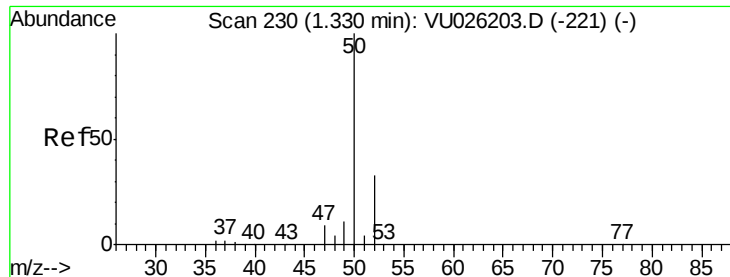
Tgt Ion: 85 Resp: 6207

Ion Ratio Lower Upper

85 100

87 35.5 16.2 48.5





#3

Chloromethane

Concen: 0.528 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

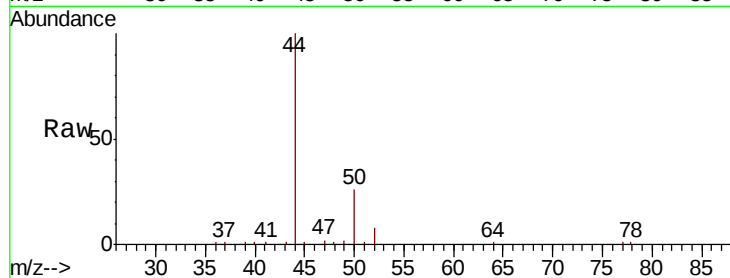
VSTDIC0.5

Tgt Ion: 50 Resp: 5730

Ion Ratio Lower Upper

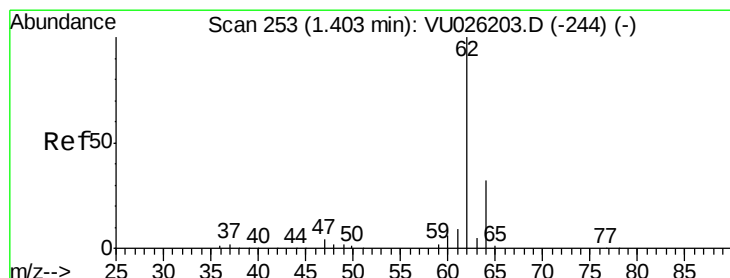
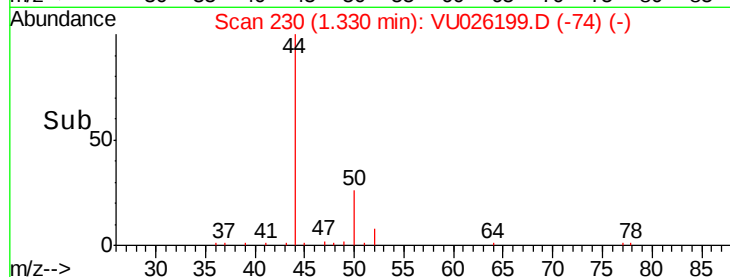
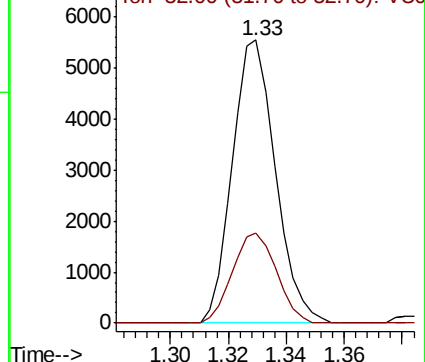
50 100

52 31.6 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: 0.546 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026199.D

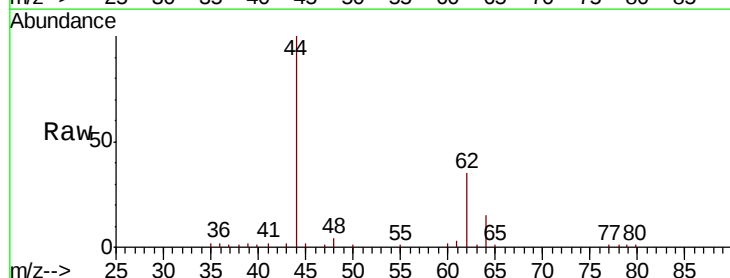
Acq: 20 Aug 2018 11:12

Tgt Ion: 62 Resp: 5485

Ion Ratio Lower Upper

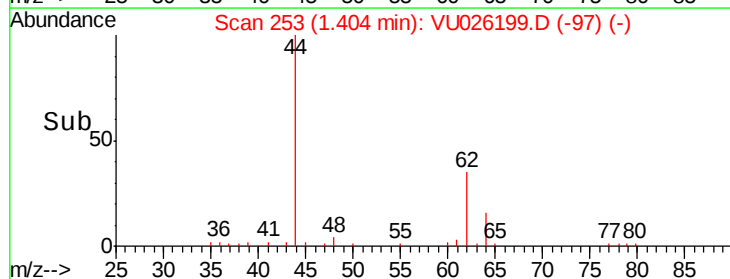
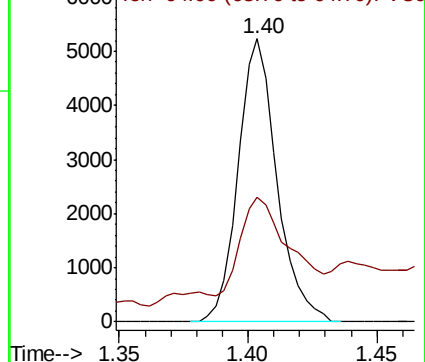
62 100

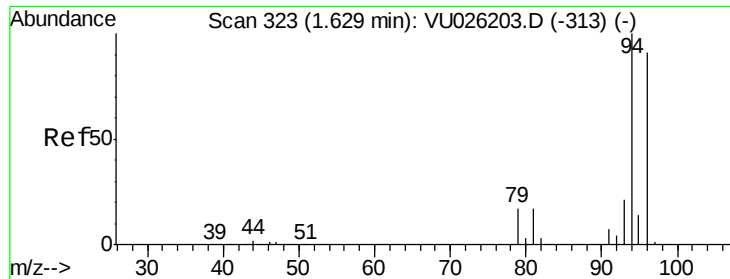
64 33.7 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 0.567 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

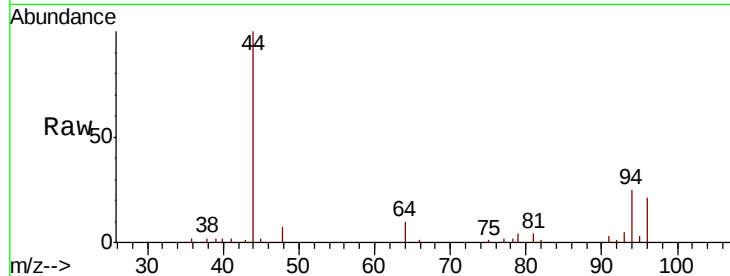
VSTDIC0.5

Tgt Ion: 94 Resp: 2776

Ion Ratio Lower Upper

94 100

96 84.0 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

2500

2000

1500

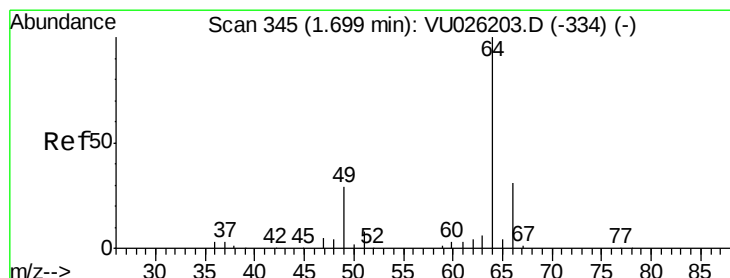
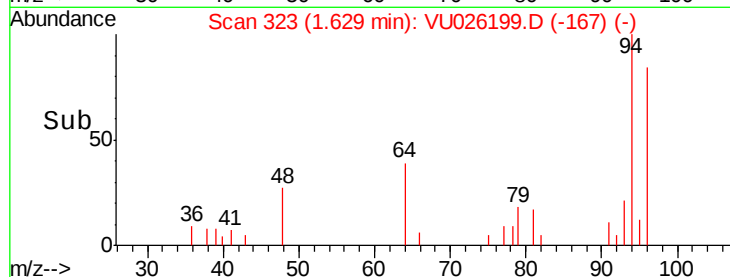
1000

500

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 0.622 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026199.D

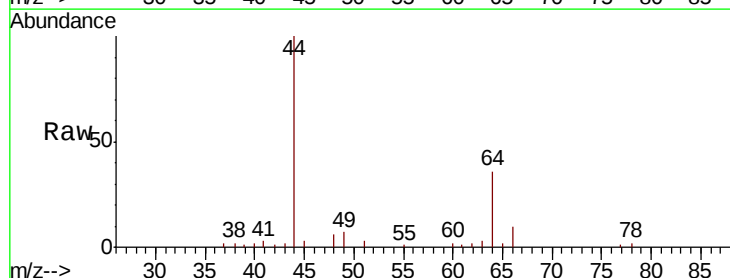
Acq: 20 Aug 2018 11:12

Tgt Ion: 64 Resp: 3754

Ion Ratio Lower Upper

64 100

66 34.5 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.70

3000

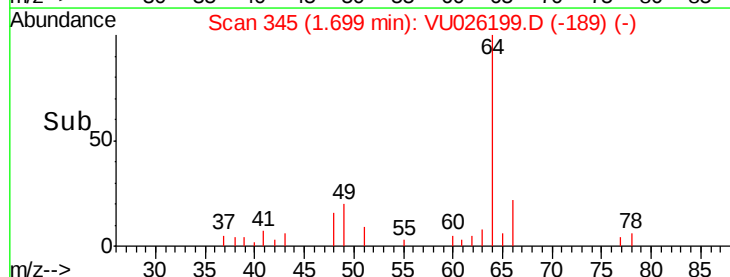
2000

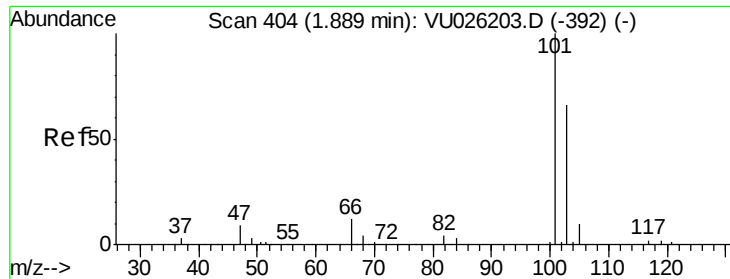
1000

0

Time-->

1.65 1.70 1.75



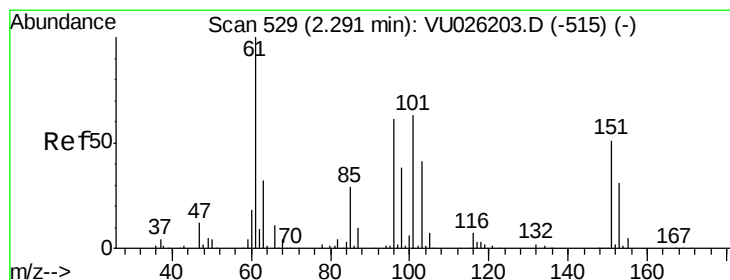
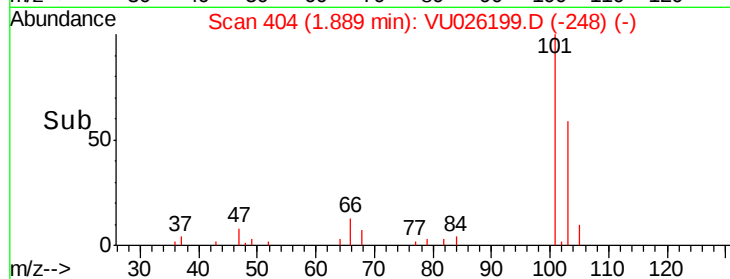
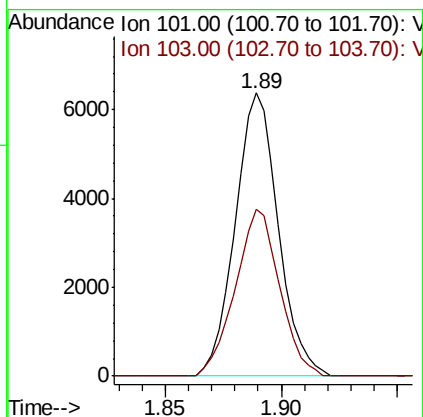
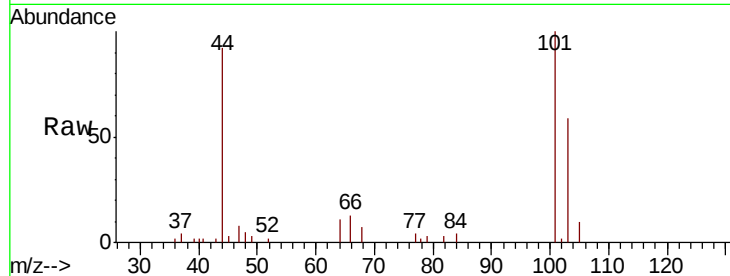


#7

Trichlorofluoromethane
 Concen: 0.560 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

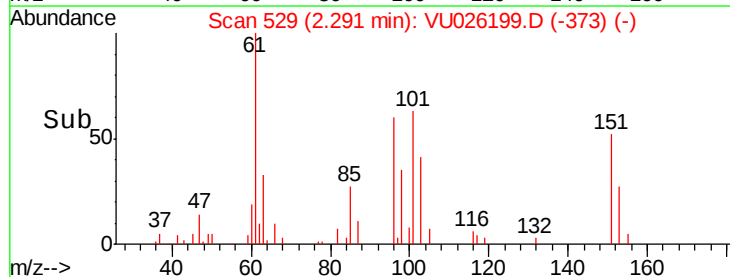
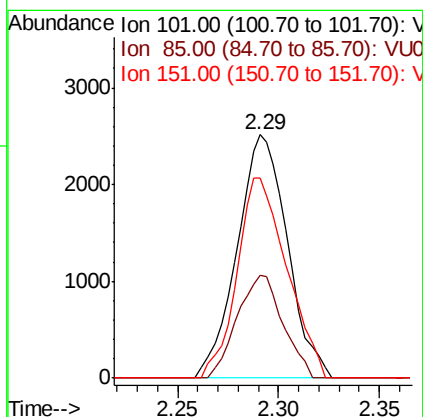
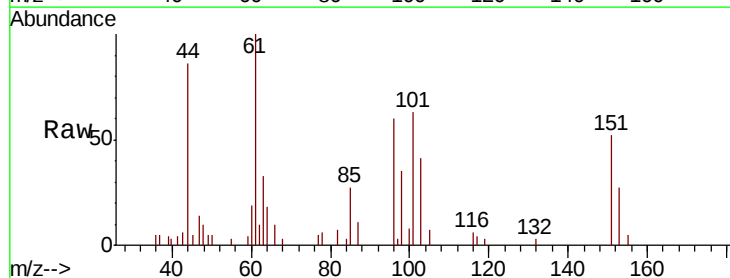
Tgt Ion:101 Resp: 8208
 Ion Ratio Lower Upper
 101 100
 103 58.8 51.4 77.0

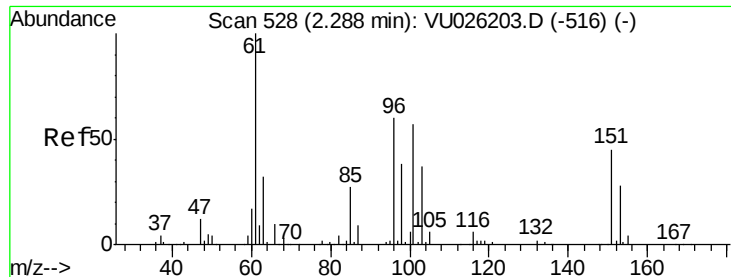


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.544 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion:101 Resp: 4379
 Ion Ratio Lower Upper
 101 100
 85 38.5 35.2 52.8
 151 81.3 63.5 95.3

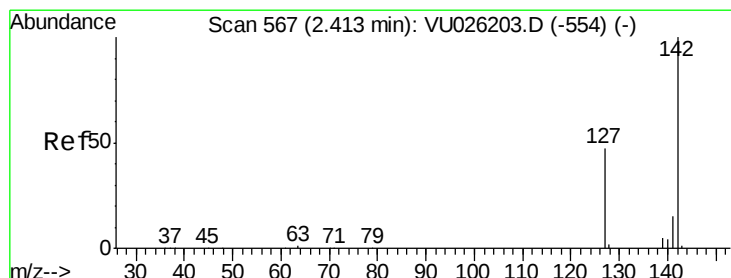
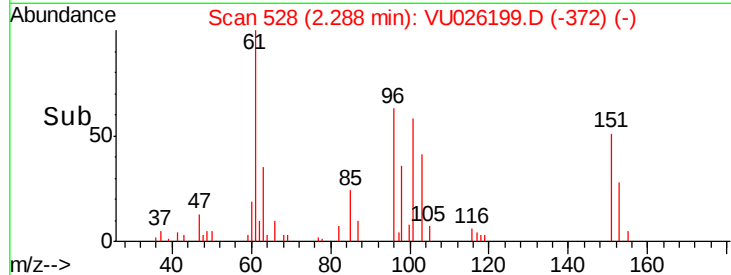
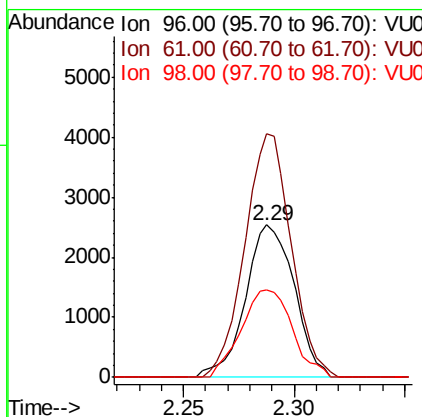
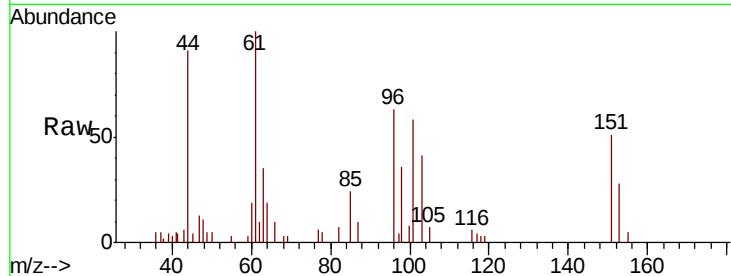




#9
 1,1-Dichloroethene
 Concen: 0.547 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

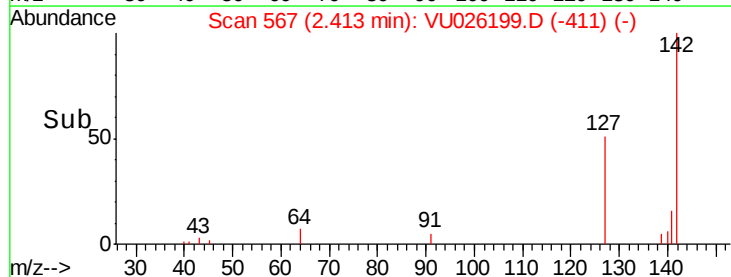
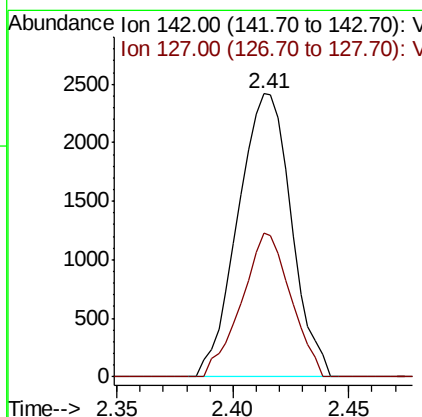
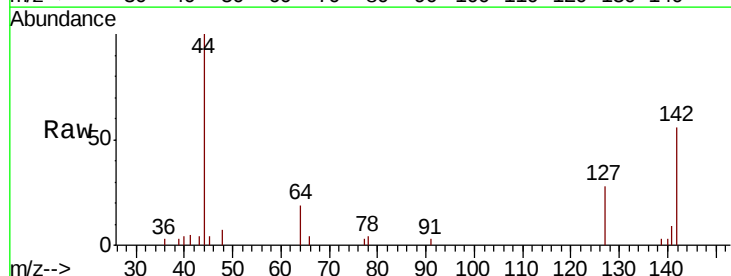
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

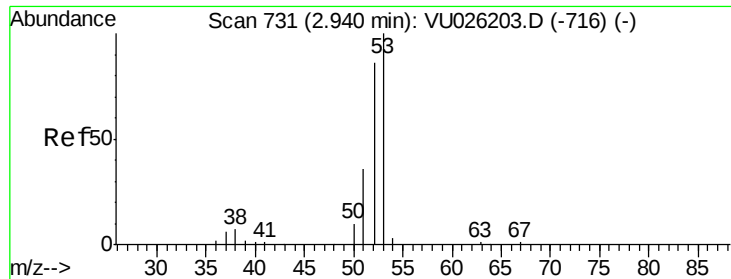
Tgt Ion: 96 Resp: 3882
 Ion Ratio Lower Upper
 96 100
 61 159.9 0.0 526.5
 98 57.5 0.0 123.4



#10
 Iodomethane
 Concen: 1.350 ug/l
 RT: 2.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 142 Resp: 3871
 Ion Ratio Lower Upper
 142 100
 127 46.9 34.5 51.7

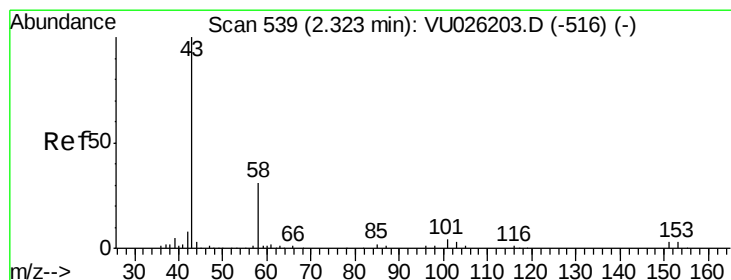
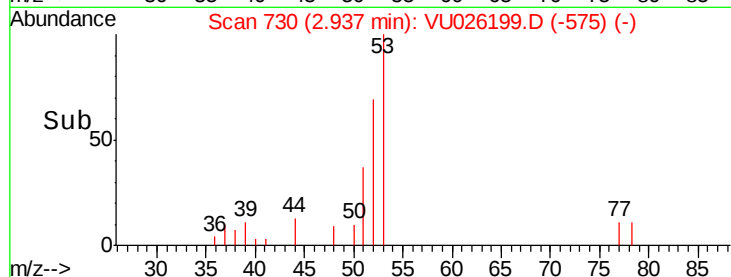
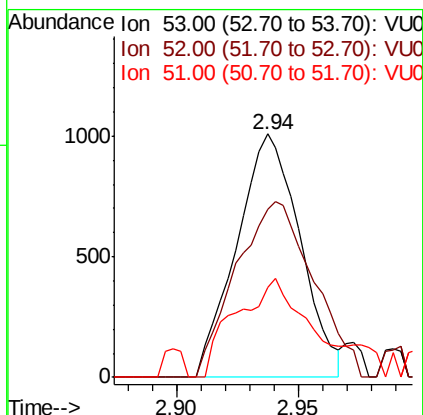
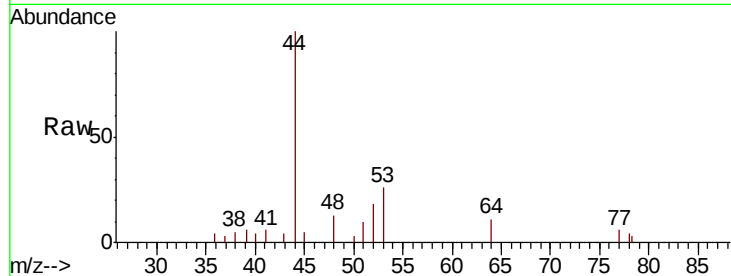




#12
 Acrylonitrile
 Concen: 1.160 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

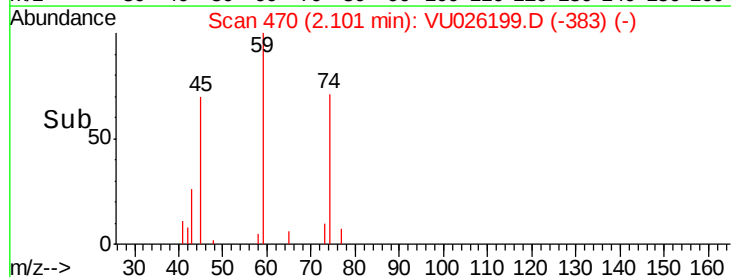
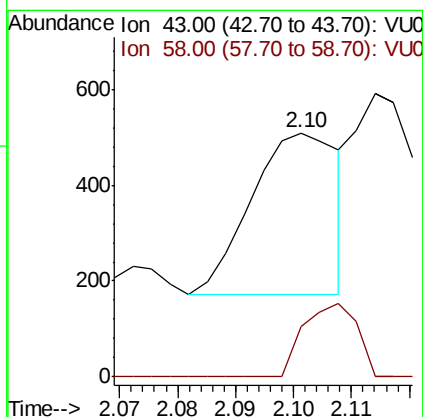
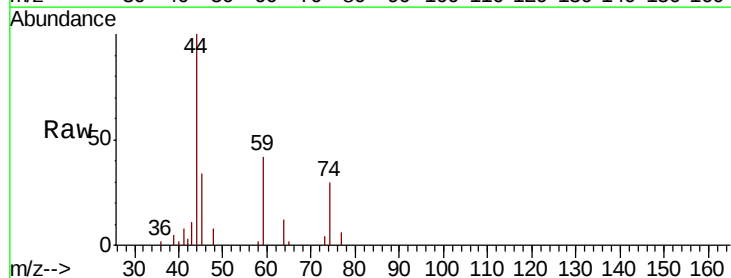
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

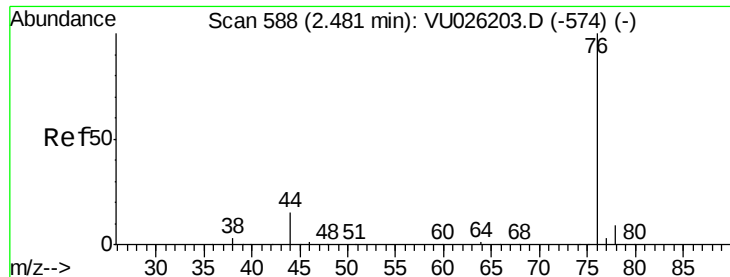
Tgt Ion: 53 Resp: 1816
 Ion Ratio Lower Upper
 53 100
 52 88.4 65.1 97.7
 51 47.1 30.2 45.4#



#13
 Acetone
 Concen: 0.257 ug/l
 RT: 2.10 min Scan# 470
 Delta R.T. -0.22 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 43 Resp: 350
 Ion Ratio Lower Upper
 43 100
 58 31.3 26.0 39.0





#14

Carbon Disulfide

Concen: 0.564 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

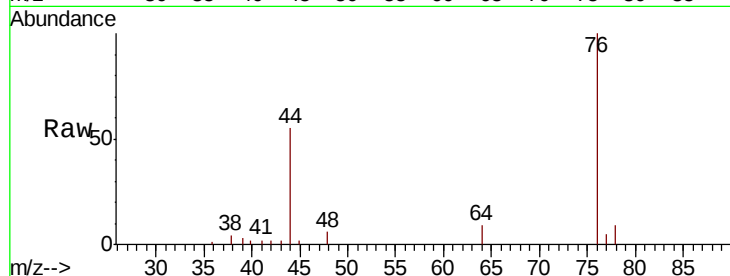
VSTDIC0.5

Tgt Ion: 76 Resp: 13705

Ion Ratio Lower Upper

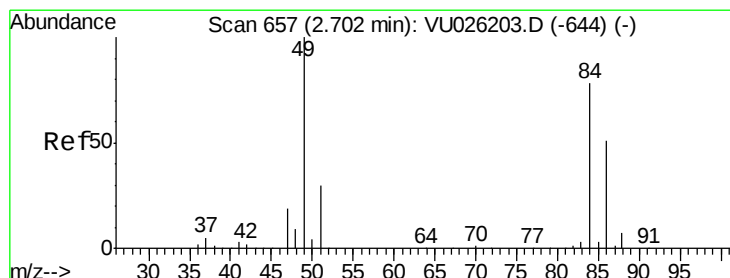
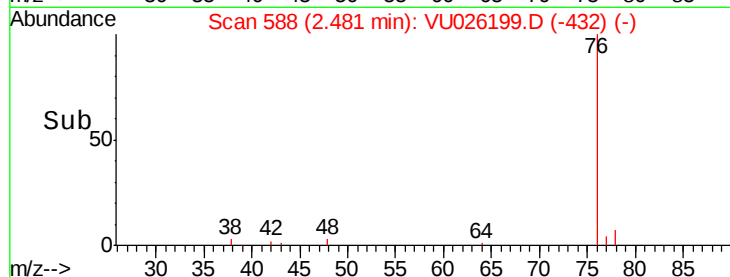
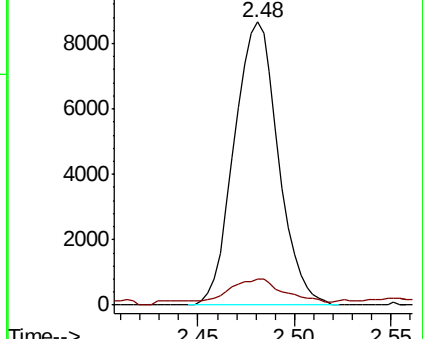
76 100

78 7.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU026199.D (-574) (-)

Ion 78.00 (77.70 to 78.70): VU026199.D (-574) (-)



#15

Methylene Chloride

Concen: 0.949 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Tgt Ion: 84 Resp: 8037

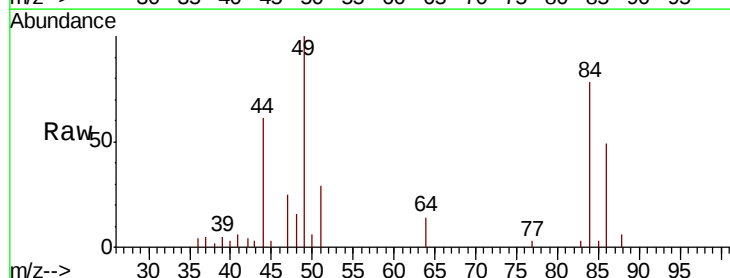
Ion Ratio Lower Upper

84 100

49 127.8 108.7 163.1

51 36.7 0.0 82.4

86 62.1 50.7 76.1

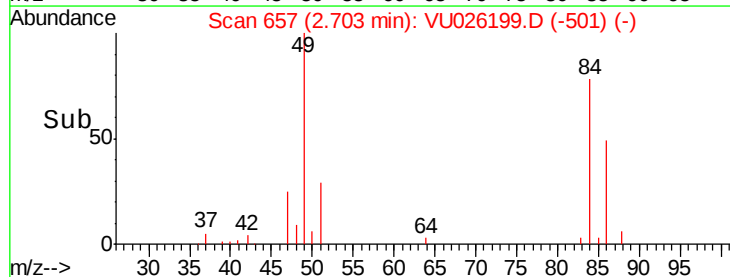
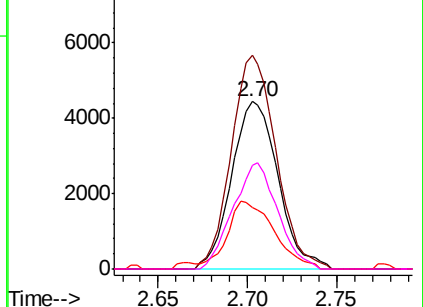


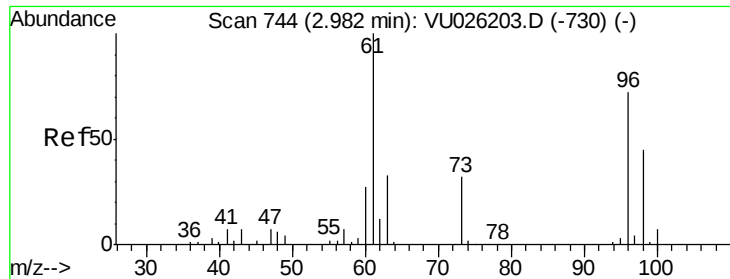
Abundance Ion 84.00 (83.70 to 84.70): VU026199.D (-501) (-)

Ion 49.00 (48.70 to 49.70): VU026199.D (-501) (-)

Ion 51.00 (50.70 to 51.70): VU026199.D (-501) (-)

Ion 86.00 (85.70 to 86.70): VU026199.D (-501) (-)

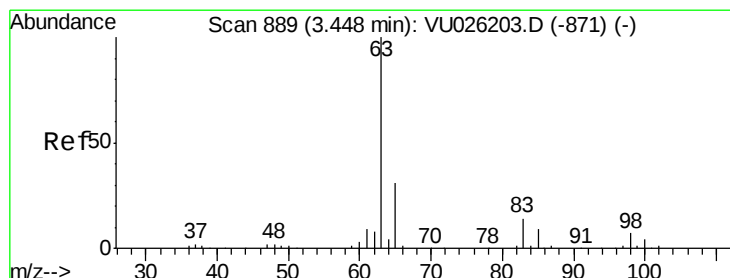
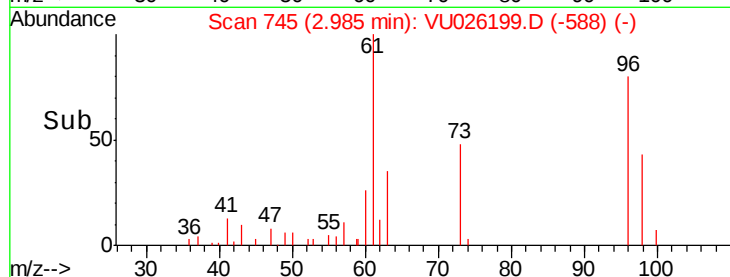
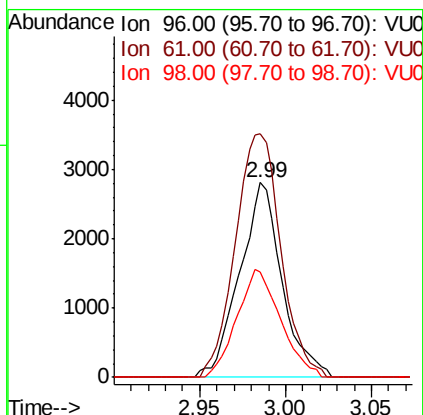
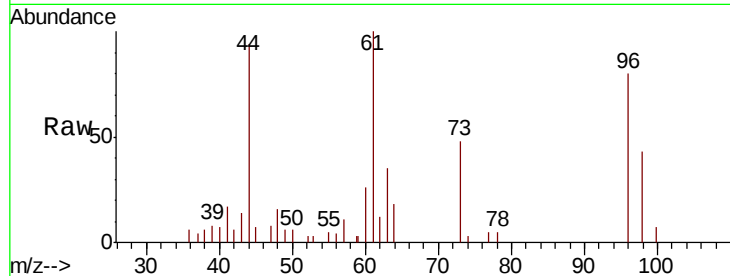




#16
trans-1,2-Dichloroethene
Concen: 0.607 ug/l
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

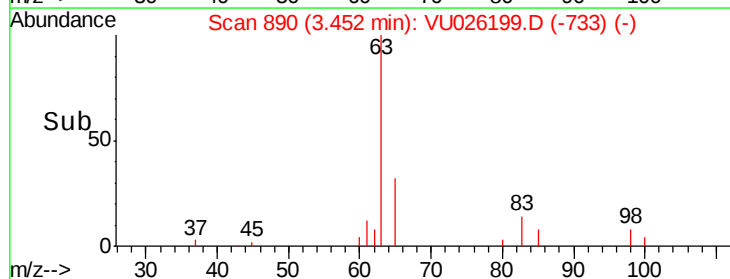
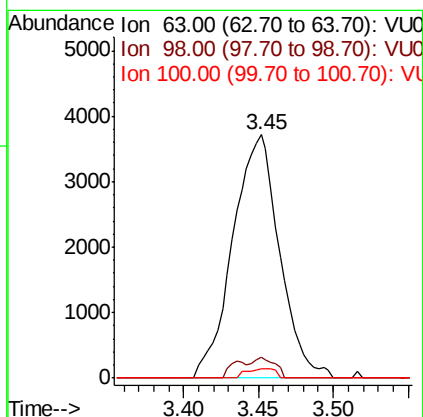
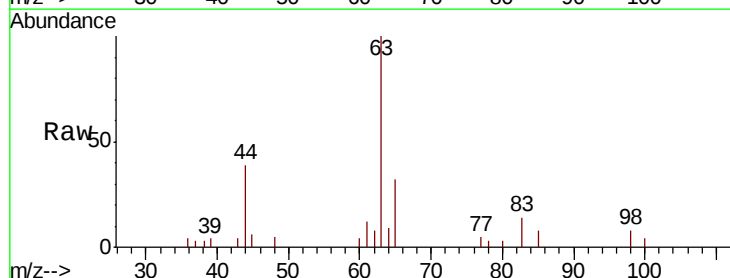
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

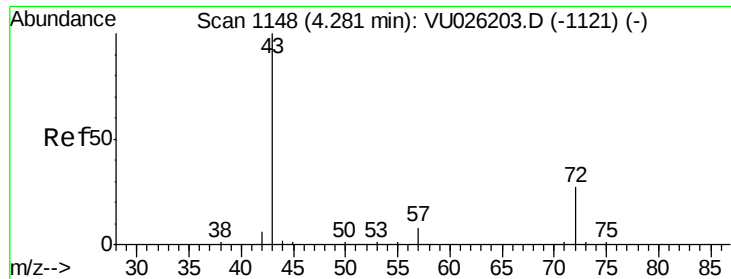
Tgt Ion: 96 Resp: 4837
Ion Ratio Lower Upper
96 100
61 125.2 123.9 185.9
98 54.1 50.6 76.0



#17
1,1-Dichloroethane
Concen: 0.512 ug/l
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 63 Resp: 8085
Ion Ratio Lower Upper
63 100
98 8.4 2.9 8.8
100 3.8 2.0 5.8

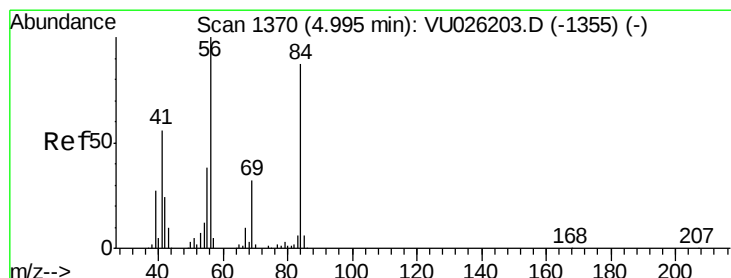
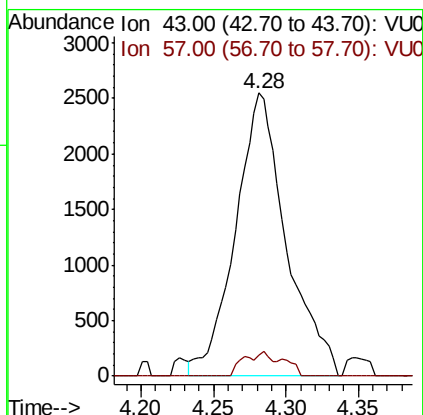
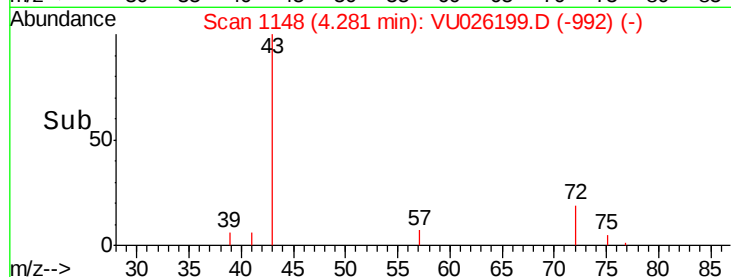
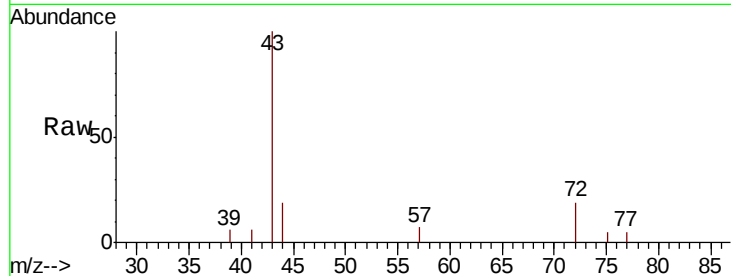




#18
2-Butanone
Concen: 2.630 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

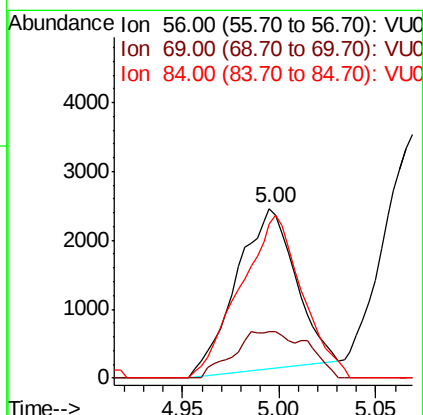
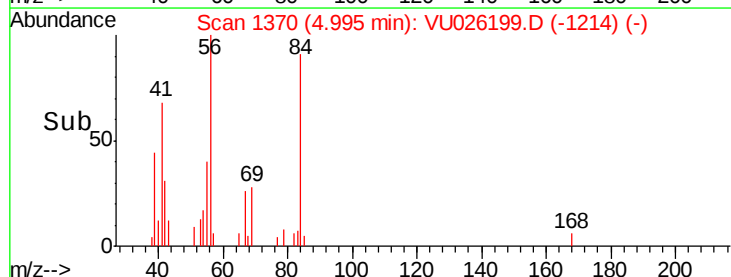
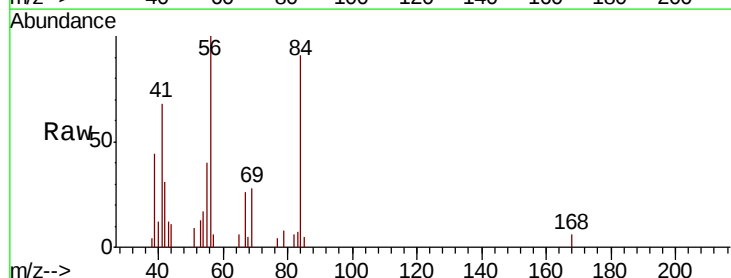
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

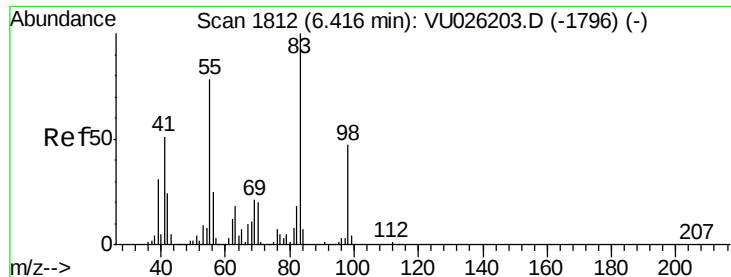
Tgt Ion: 43 Resp: 6214
Ion Ratio Lower Upper
43 100
57 7.3 0.0 15.8



#19
Cyclohexane
Concen: 0.408 ug/l
RT: 5.00 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 56 Resp: 4971
Ion Ratio Lower Upper
56 100
69 36.2 26.0 39.0
84 105.6 68.3 102.5#

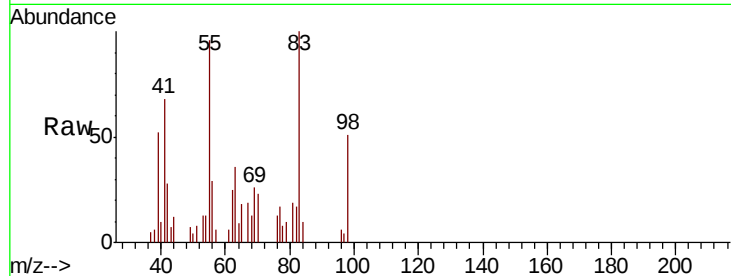




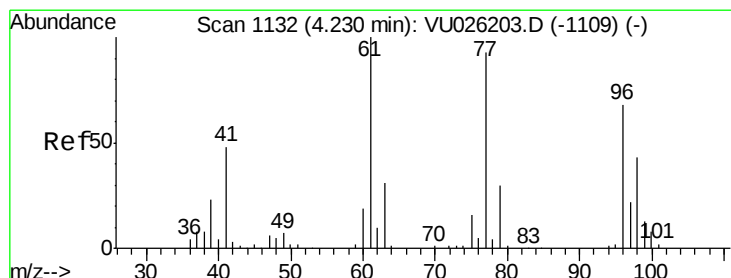
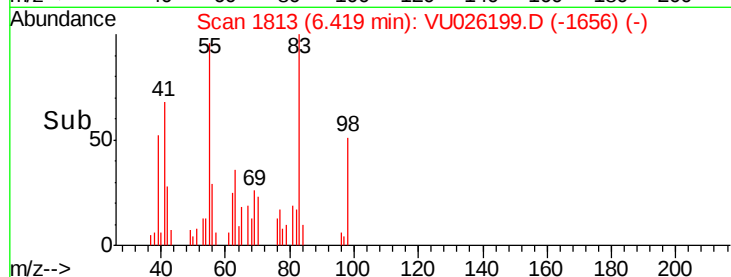
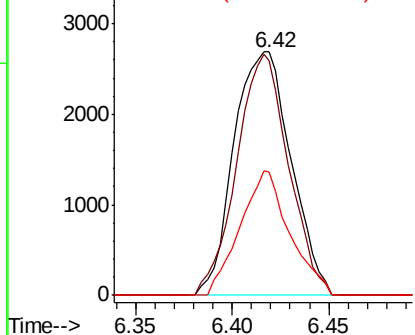
#20
Methylcyclohexane
Concen: 0.369 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 5516
Ion Ratio Lower Upper
83 100
55 89.9 66.4 99.6
98 44.5 35.4 53.2

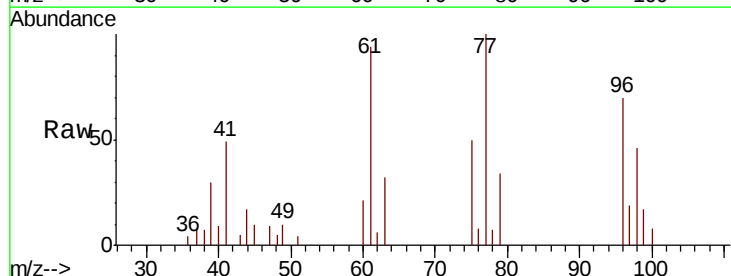


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

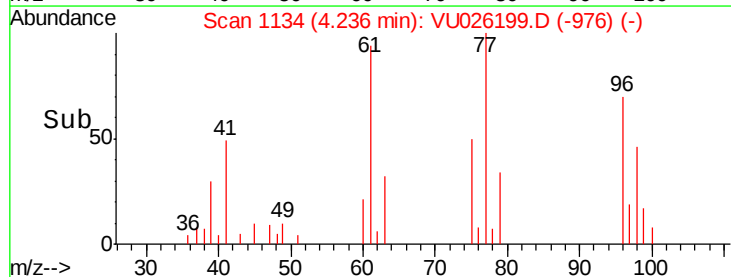
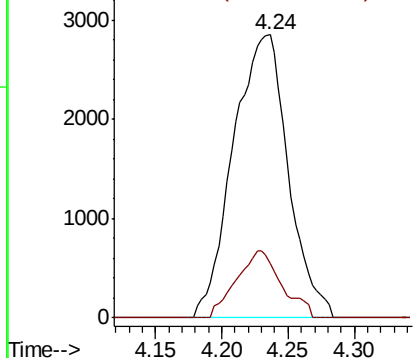


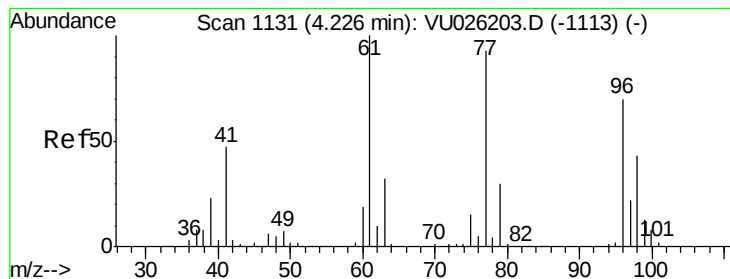
#21
2,2-Dichloropropane
Concen: 0.545 ug/l
RT: 4.24 min Scan# 1134
Delta R.T. 0.01 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 77 Resp: 8204
Ion Ratio Lower Upper
77 100
97 19.5 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.541 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

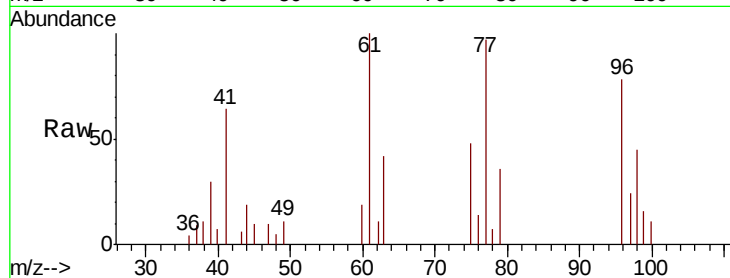
Tgt Ion: 96 Resp: 5424

Ion Ratio Lower Upper

96 100

61 135.0 0.0 400.5

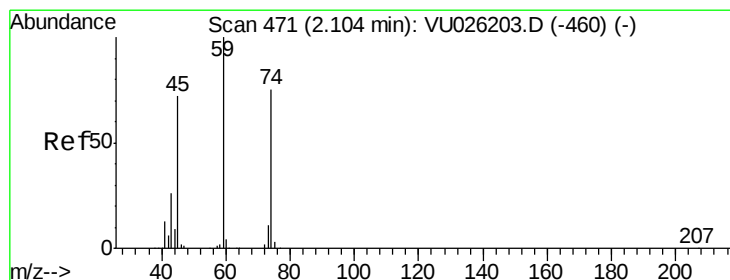
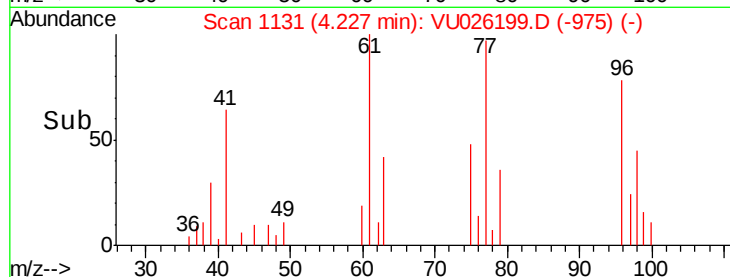
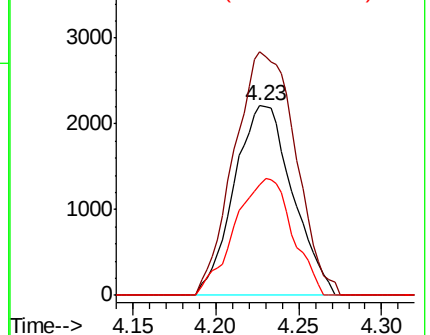
98 60.9 32.2 96.6



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



#23

Diethyl Ether

Concen: 0.556 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

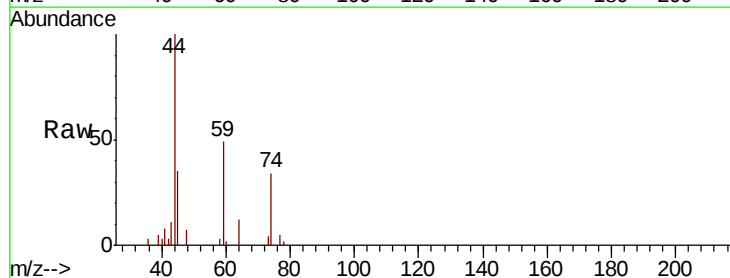
Tgt Ion: 59 Resp: 2988

Ion Ratio Lower Upper

59 100

45 72.3 60.0 90.0

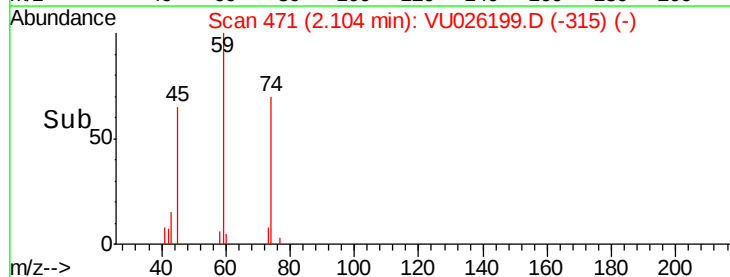
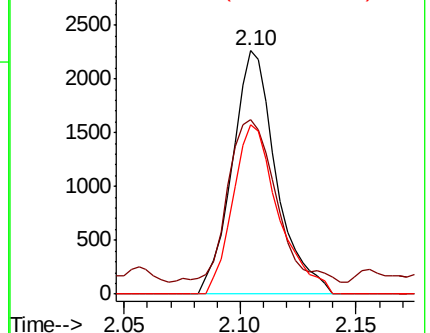
74 71.6 56.5 84.7

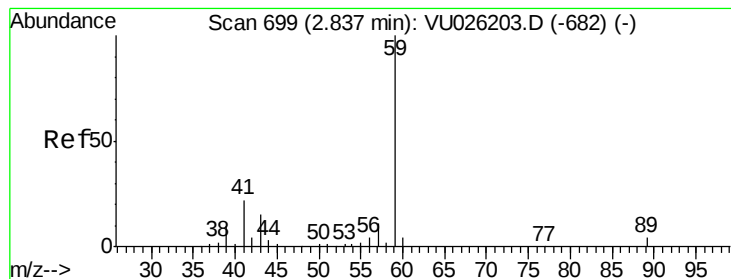


Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#24

tert-Butyl Alcohol

Concen: 4.997 ug/l

RT: 2.83 min Scan# 698

Delta R.T. -0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

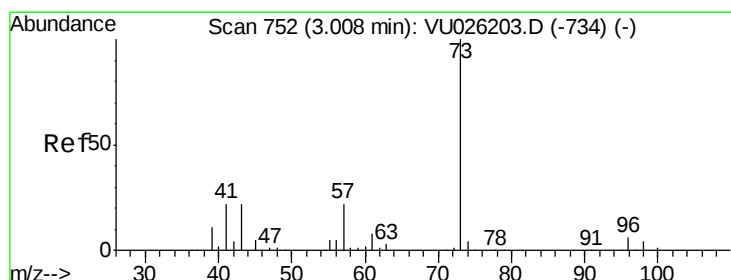
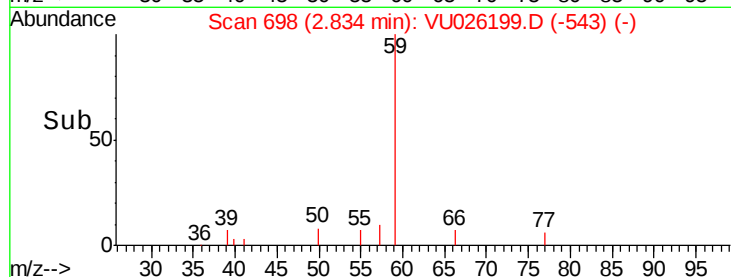
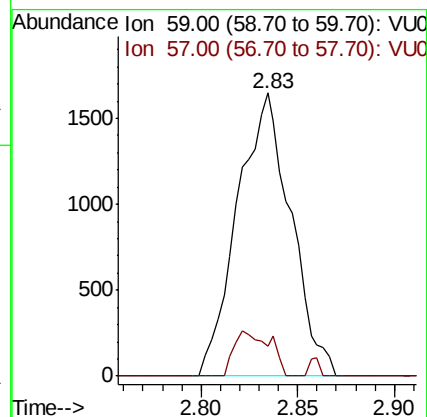
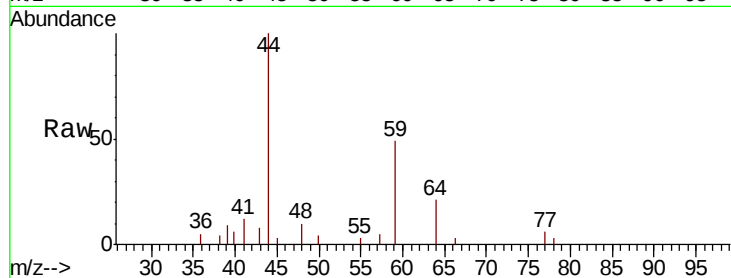
VSTDIC0.5

Tgt Ion: 59 Resp: 3157

Ion Ratio Lower Upper

59 100

57 10.7 3.4 5.2#



#25

Methyl tert-Butyl Ether

Concen: 0.520 ug/l

RT: 3.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU026199.D

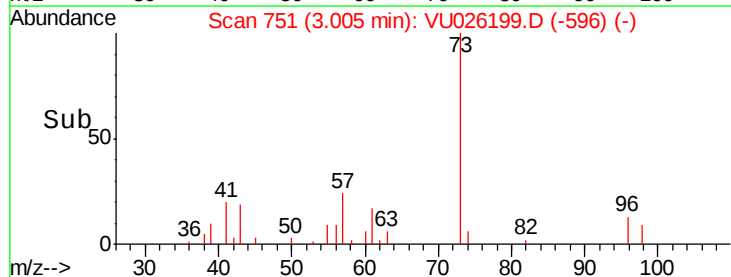
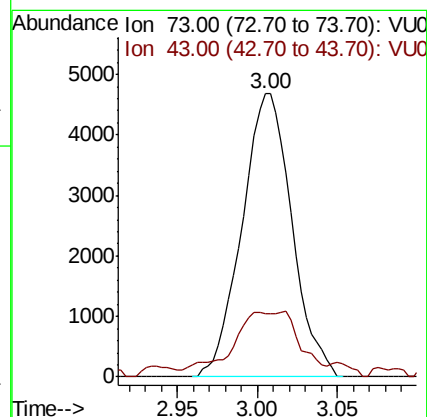
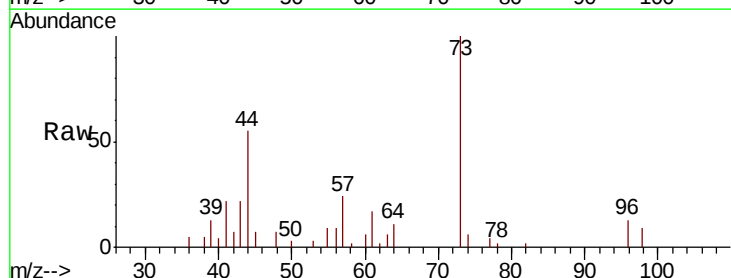
Acq: 20 Aug 2018 11:12

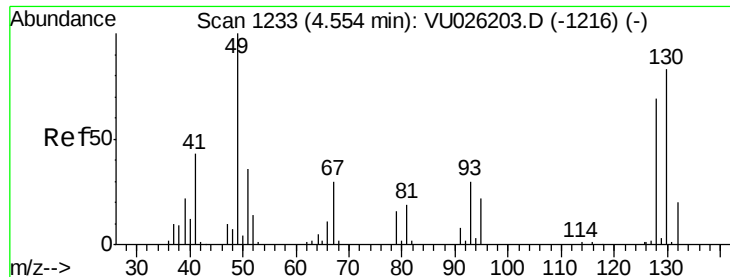
Tgt Ion: 73 Resp: 9985

Ion Ratio Lower Upper

73 100

43 14.7 16.2 24.2#

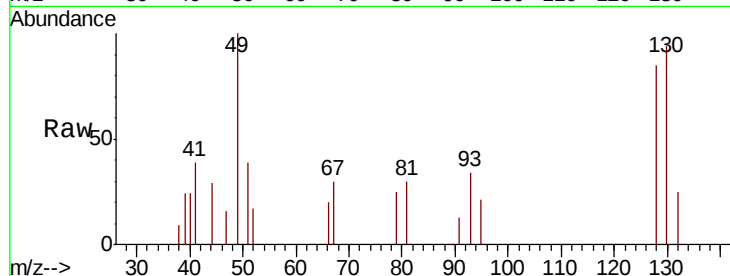




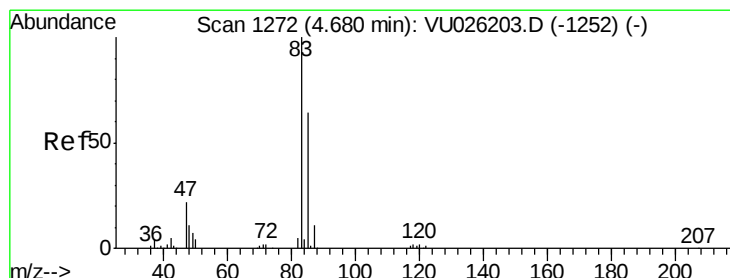
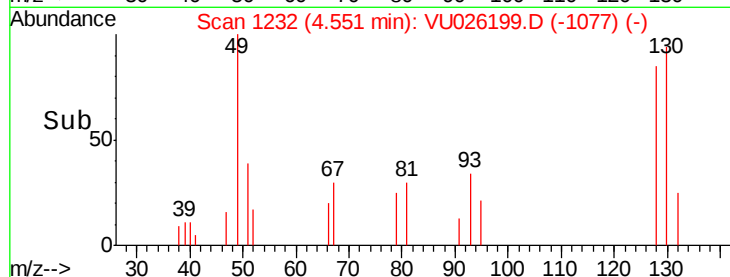
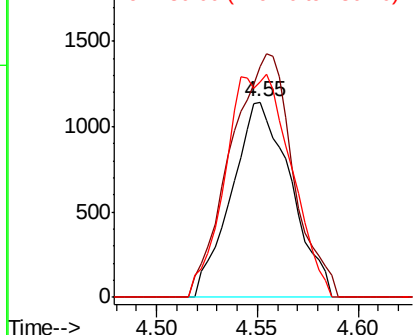
#26
Bromochloromethane
Concen: 0.532 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 128 Resp: 2347
Ion Ratio Lower Upper
128 100
49 131.7 0.0 375.2
130 59.9 105.8 158.6#

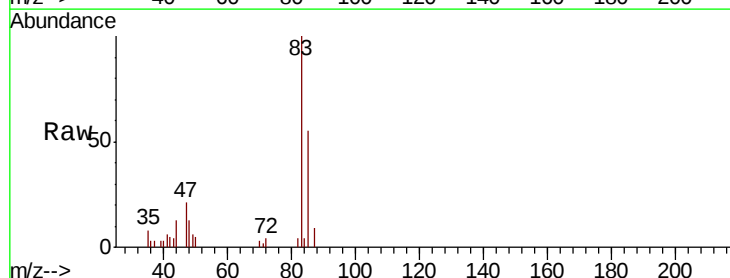


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

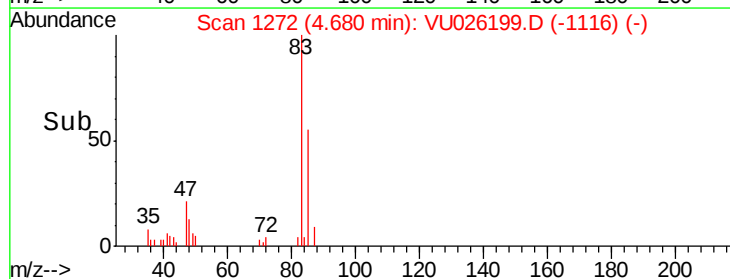
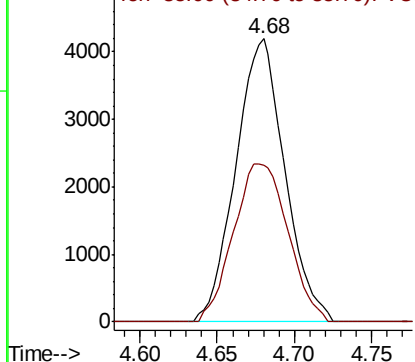


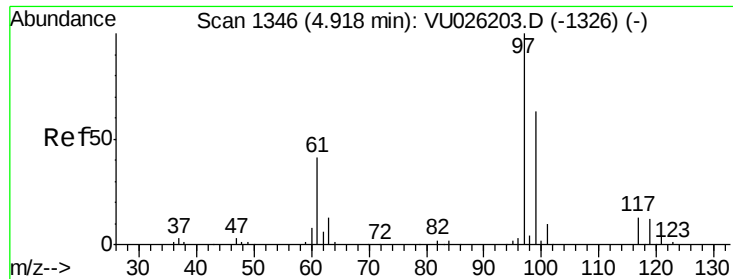
#27
Chloroform
Concen: 0.533 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 83 Resp: 9254
Ion Ratio Lower Upper
83 100
85 55.5 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

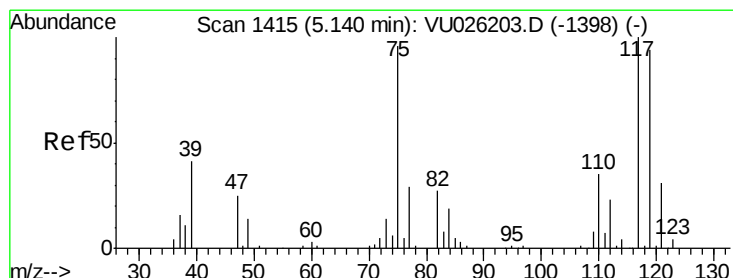
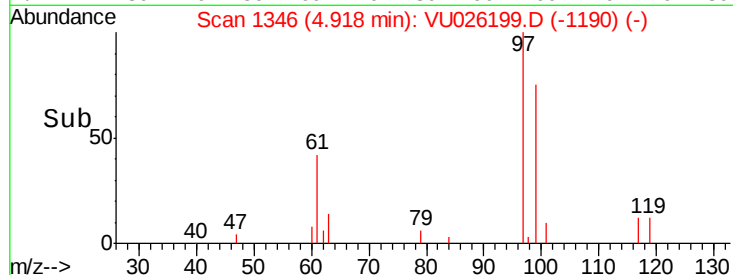
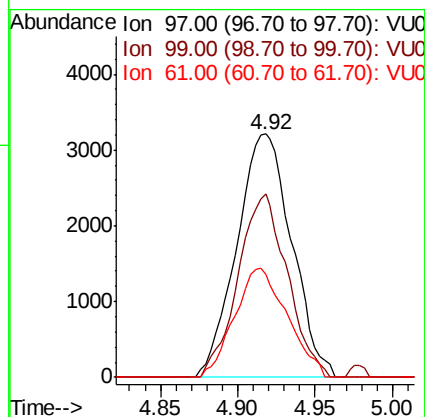
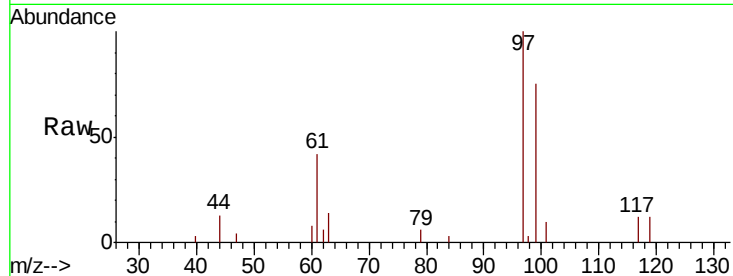




#28
 1,1,1-Trichloroethane
 Concen: 0.507 ug/l
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

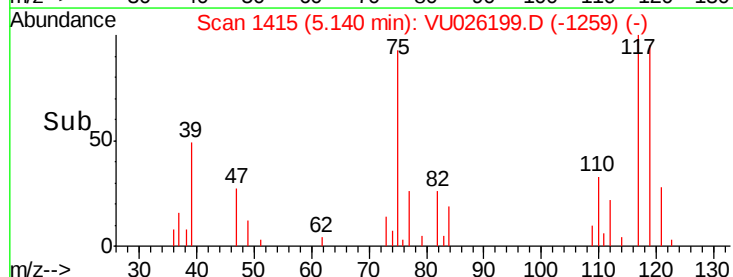
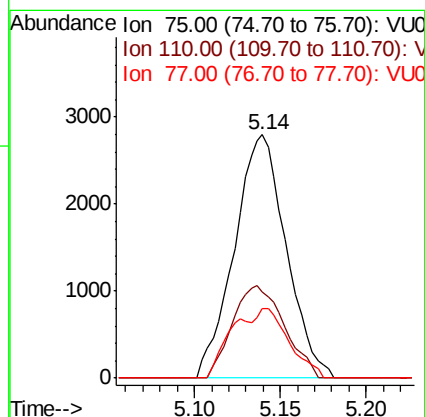
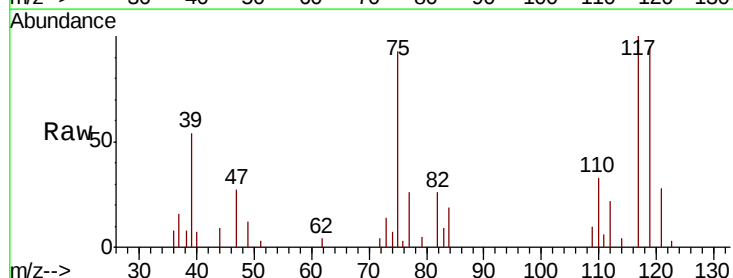
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

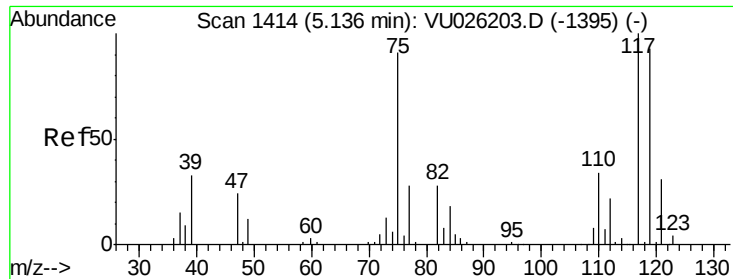
Tgt Ion: 97 Resp: 7930
 Ion Ratio Lower Upper
 97 100
 99 67.5 32.3 96.9
 61 42.9 23.2 69.5



#29
 1,1-Dichloropropene
 Concen: 0.455 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 75 Resp: 5836
 Ion Ratio Lower Upper
 75 100
 110 38.1 16.9 50.7
 77 18.2 24.8 37.2#

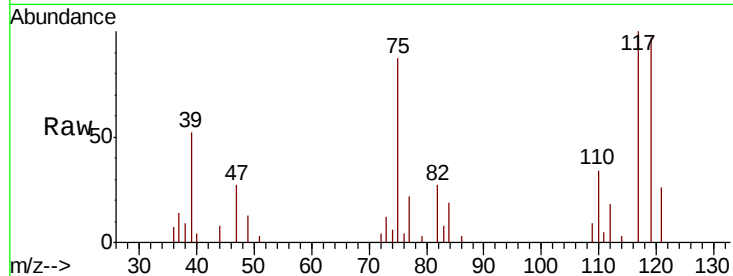




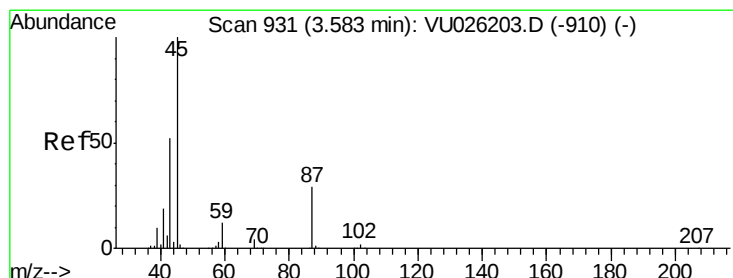
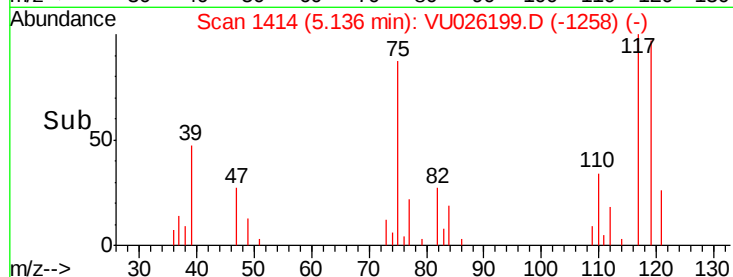
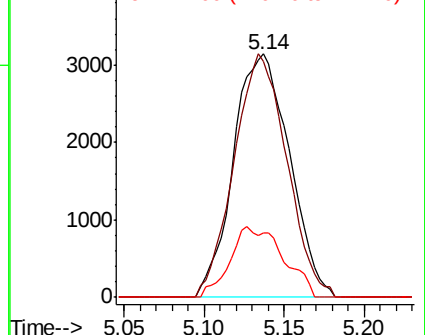
#30
Carbon Tetrachloride
Concen: 0.531 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 7548
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
121 26.3 24.5 36.7

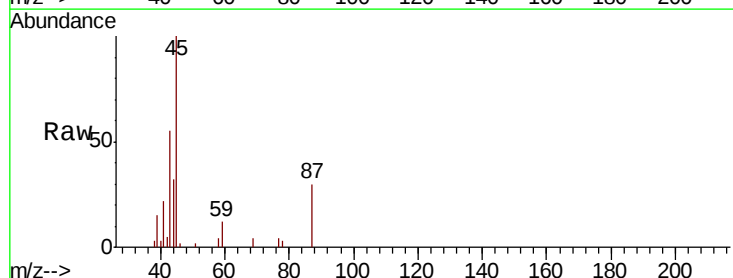


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

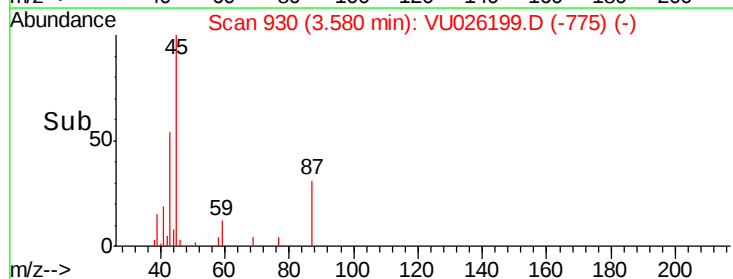
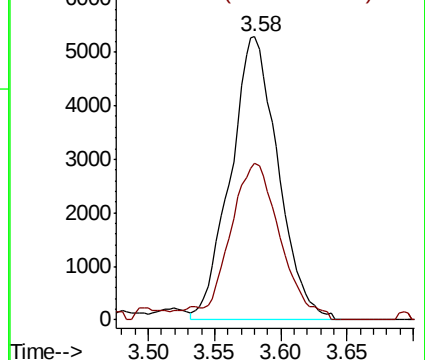


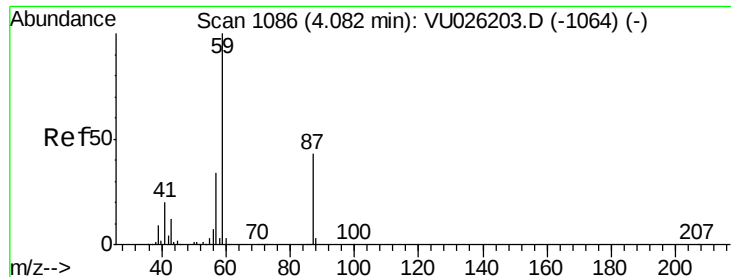
#31
Isopropyl Ether
Concen: 0.521 ug/l
RT: 3.58 min Scan# 930
Delta R.T. -0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 45 Resp: 13193
Ion Ratio Lower Upper
45 100
43 57.2 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0





#32

Ethyl-t-butyl ether

Concen: 0.473 ug/l

RT: 4.07 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

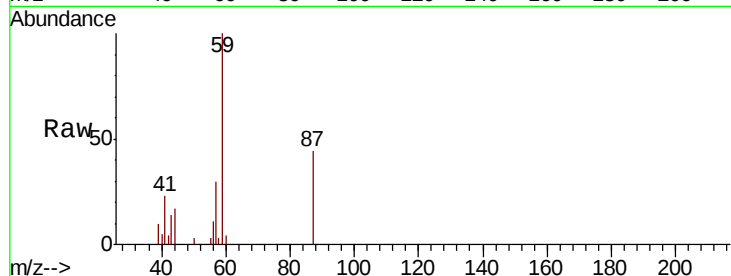
VSTDIC0.5

Tgt Ion: 59 Resp: 11376

Ion Ratio Lower Upper

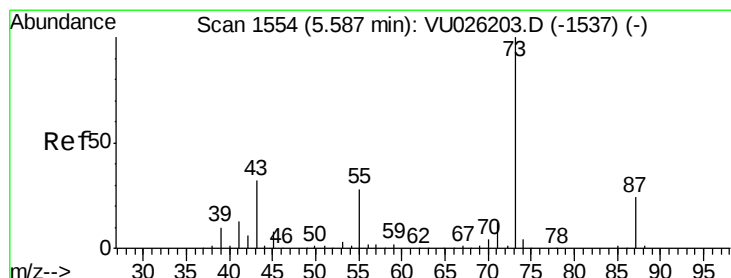
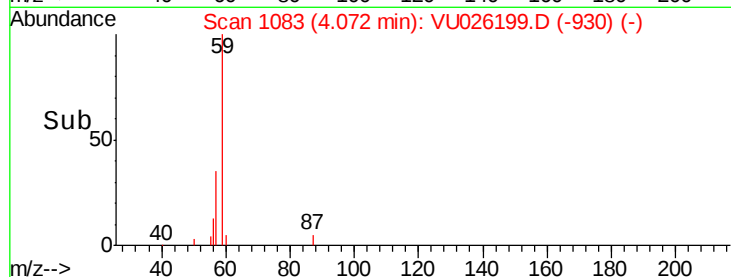
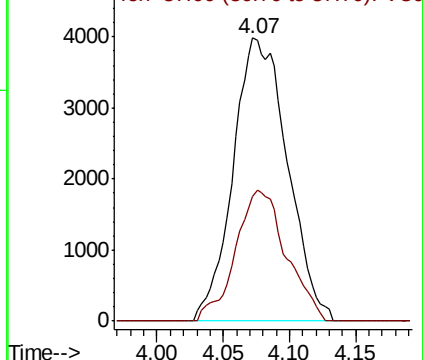
59 100

87 43.2 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#33

Tert-Amyl methyl ether

Concen: 0.410 ug/l

RT: 5.58 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

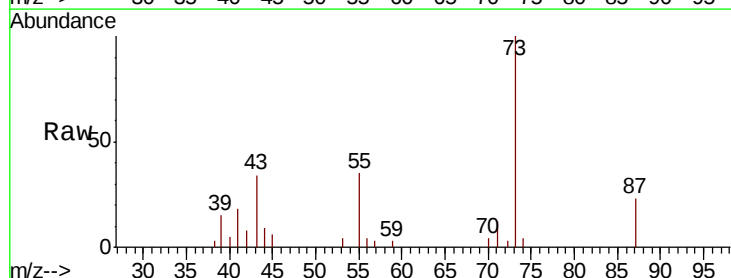
Tgt Ion: 73 Resp: 8701

Ion Ratio Lower Upper

73 100

87 22.8 18.6 28.0

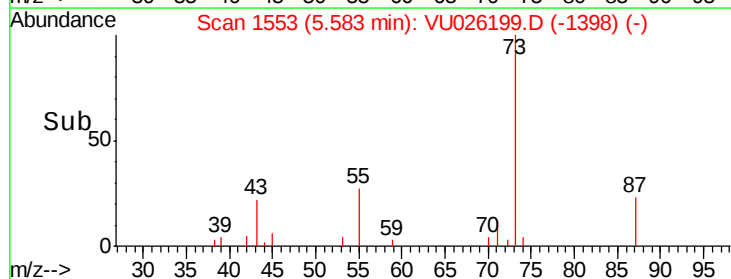
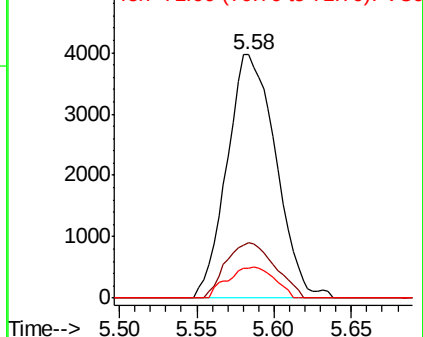
71 12.3 9.3 13.9

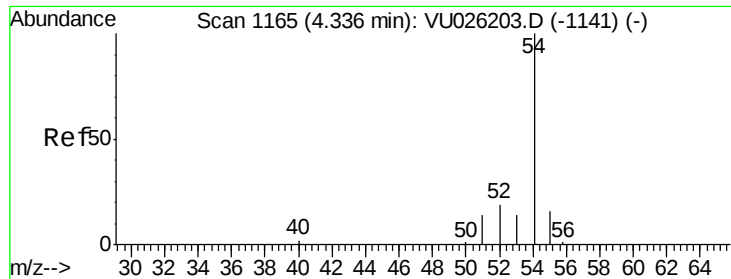


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

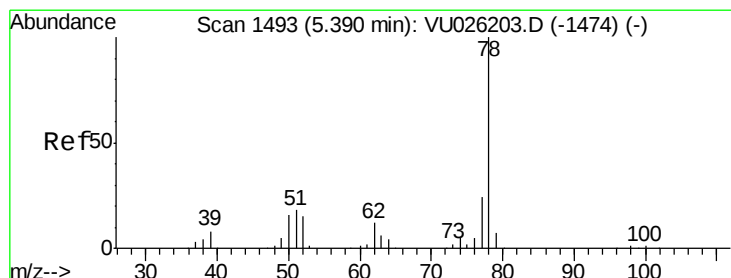
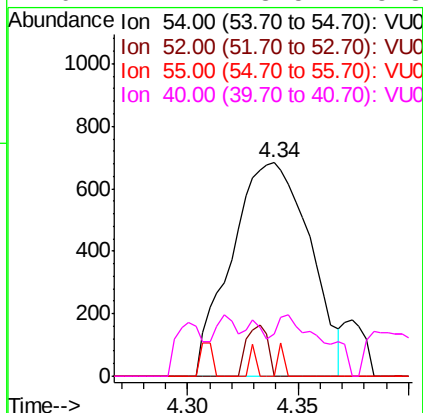
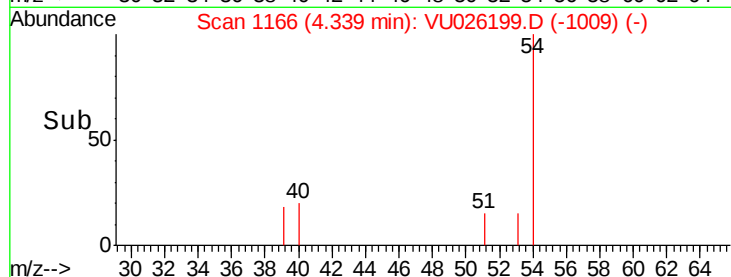
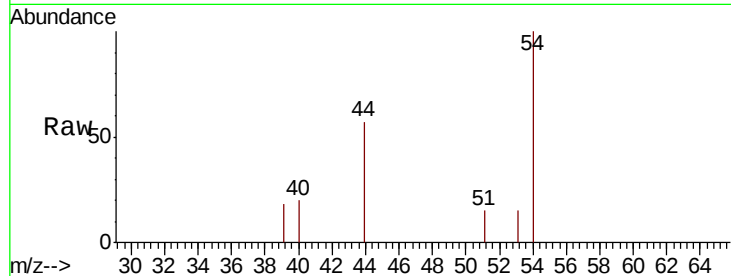




#34
 Propionitrile
 Concen: 2.559 ug/l
 RT: 4.34 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

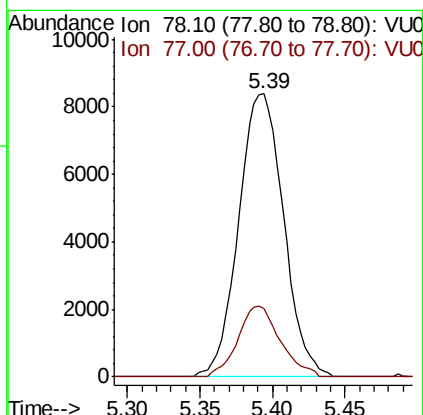
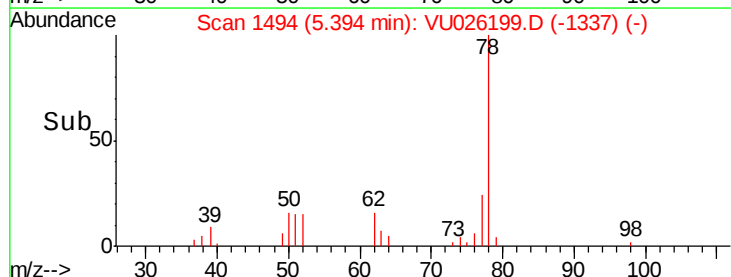
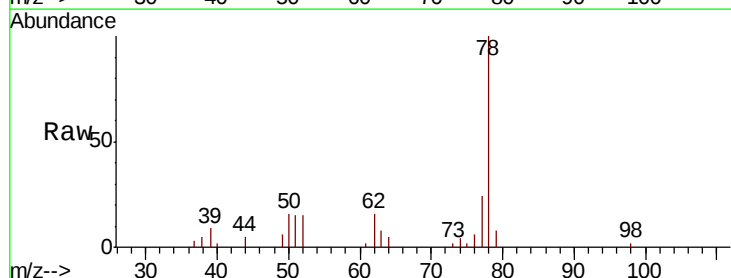
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

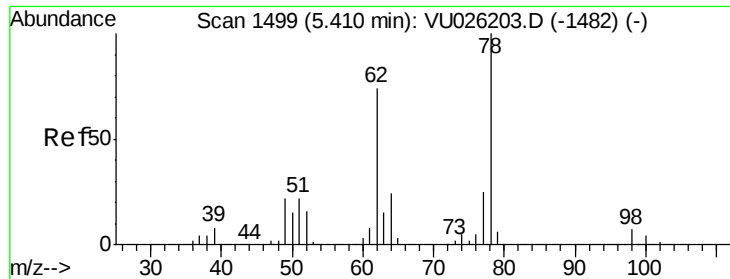
Tgt Ion: 54 Resp: 1680
 Ion Ratio Lower Upper
 54 100
 52 6.5 13.7 20.5#
 55 0.0 10.2 15.2#
 40 17.4 3.5 5.3#



#35
 Benzene
 Concen: 0.504 ug/l
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 78 Resp: 18097
 Ion Ratio Lower Upper
 78 100
 77 24.1 19.1 28.7

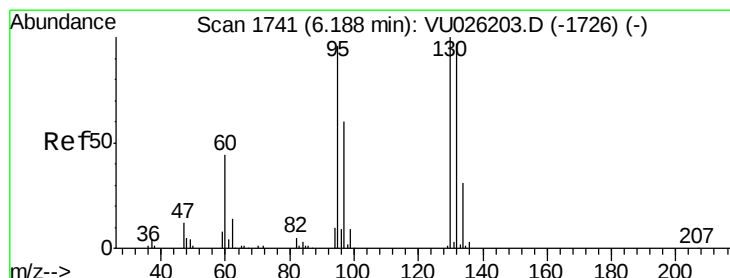
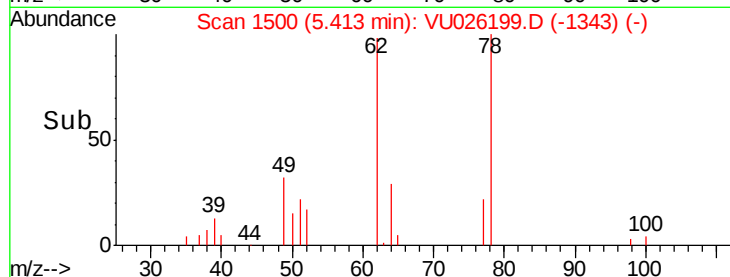
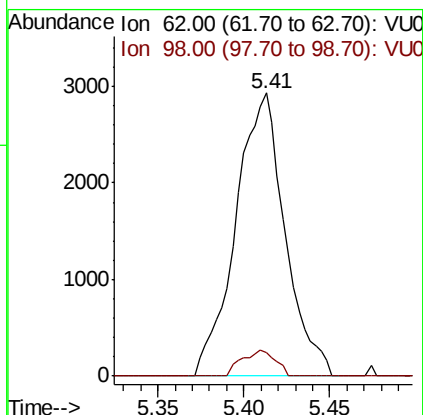
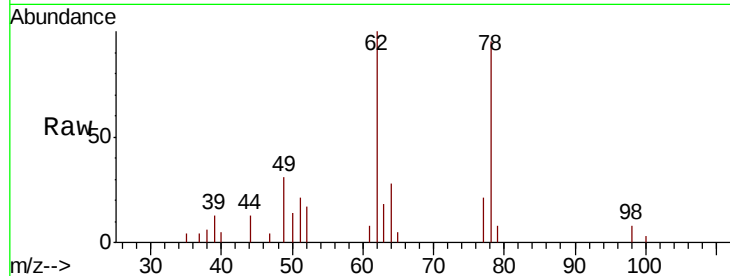




#36
 1,2-Dichloroethane
 Concen: 0.530 ug/l
 RT: 5.41 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

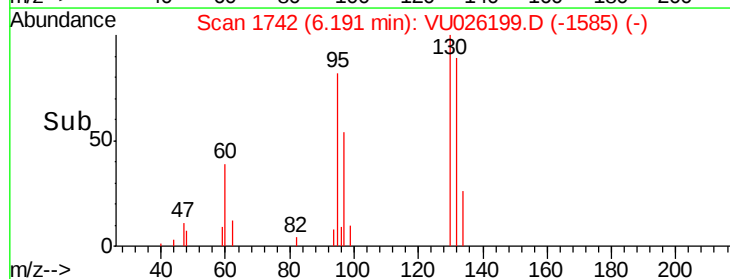
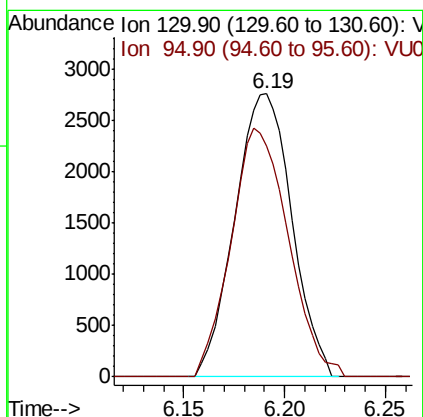
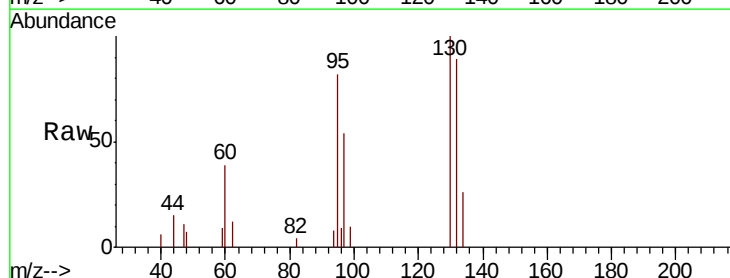
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

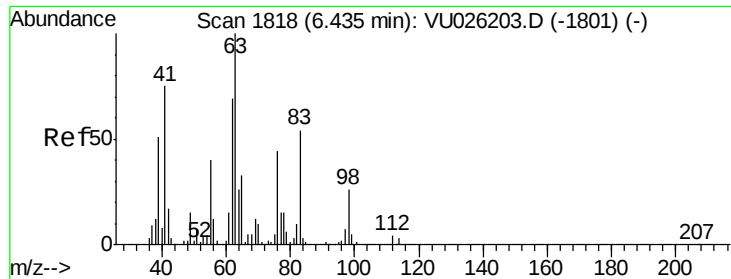
Tgt Ion: 62 Resp: 5837
 Ion Ratio Lower Upper
 62 100
 98 6.2 7.2 10.8#



#37
 Trichloroethene
 Concen: 0.516 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 130 Resp: 5458
 Ion Ratio Lower Upper
 130 100
 95 81.5 77.9 116.9

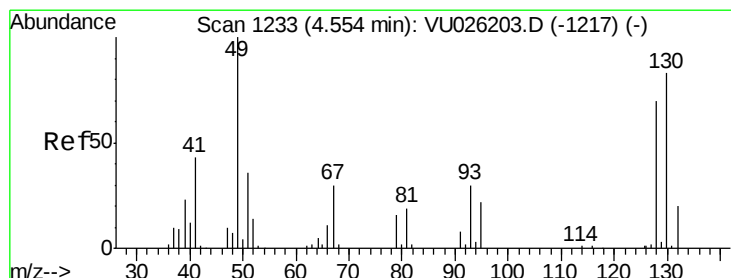
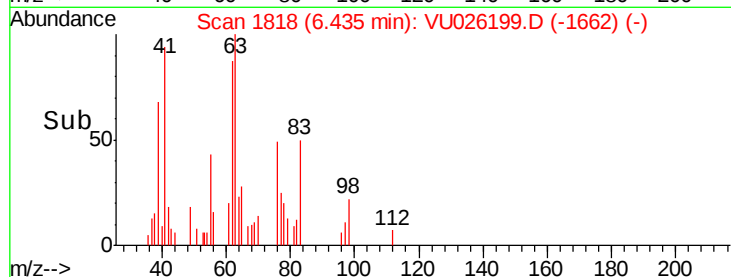
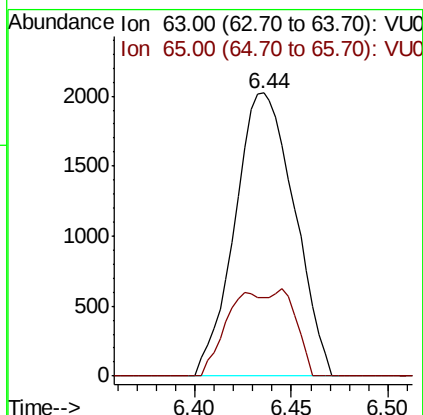
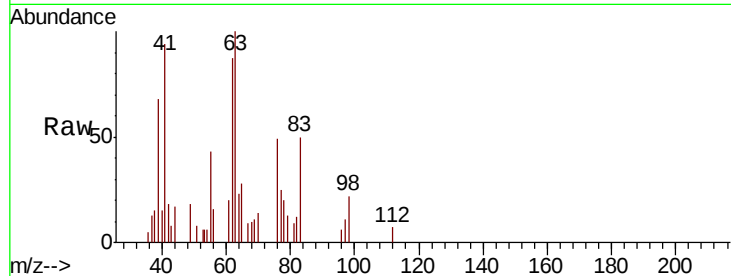




#38
 1,2-Dichloropropane
 Concen: 0.465 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

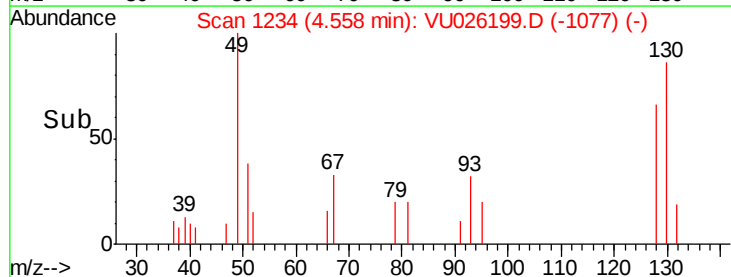
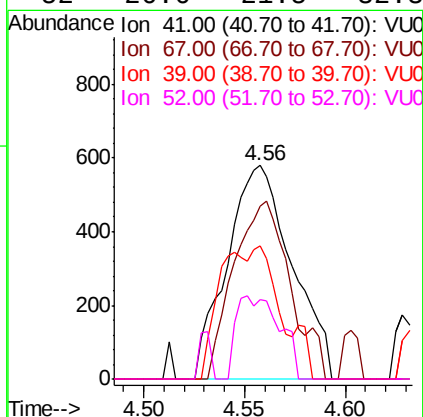
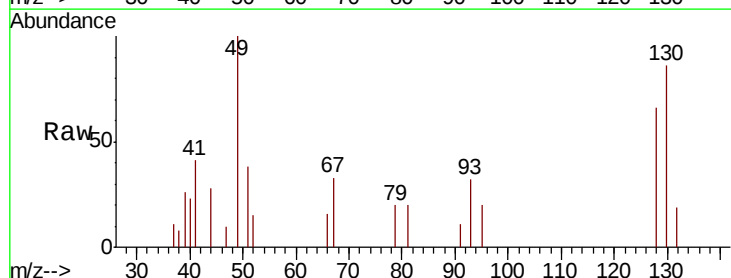
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

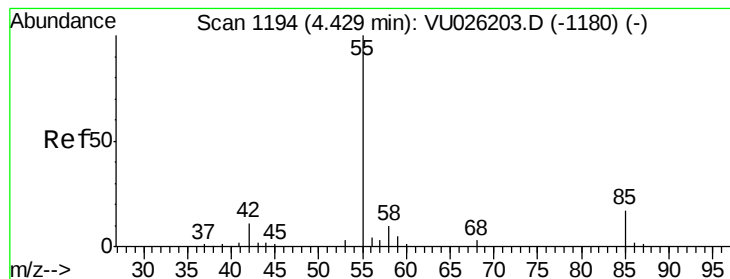
Tgt Ion: 63 Resp: 4328
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.8 38.8



#39
 Methacrylonitrile
 Concen: 0.430 ug/l
 RT: 4.56 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 41 Resp: 1301
 Ion Ratio Lower Upper
 41 100
 67 72.4 51.3 76.9
 39 29.1 40.6 60.8#
 52 26.6 21.5 32.3





#40

Methyl acrylate

Concen: 0.415 ug/l

RT: 4.43 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 55 Resp: 1891

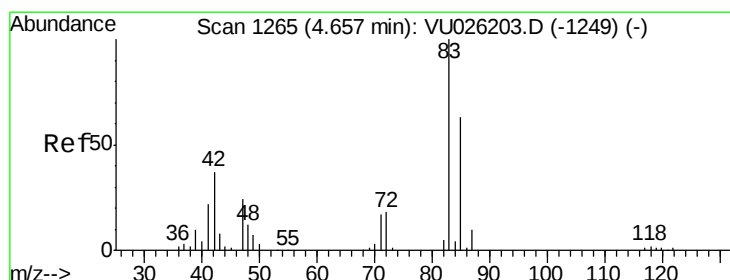
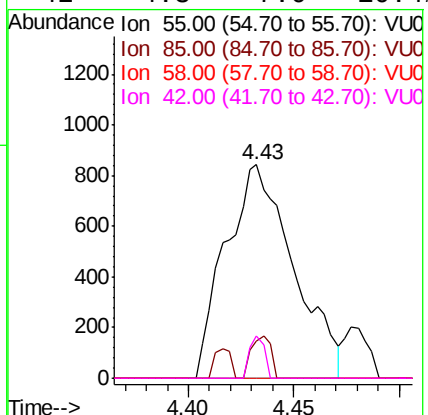
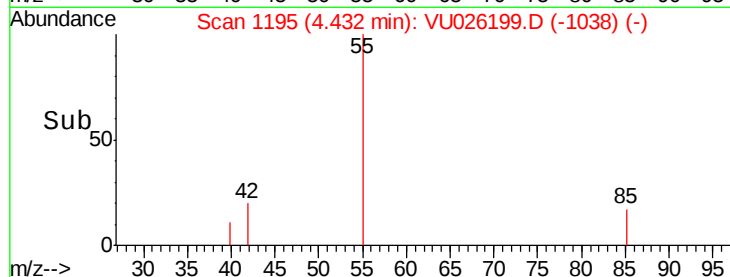
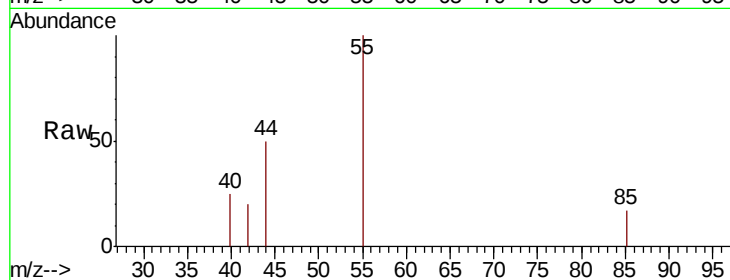
Ion Ratio Lower Upper

55 100

85 0.0 12.3 18.5#

58 0.0 7.0 10.6#

42 4.3 7.0 10.4#



#41

Tetrahydrofuran

Concen: 1.054 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

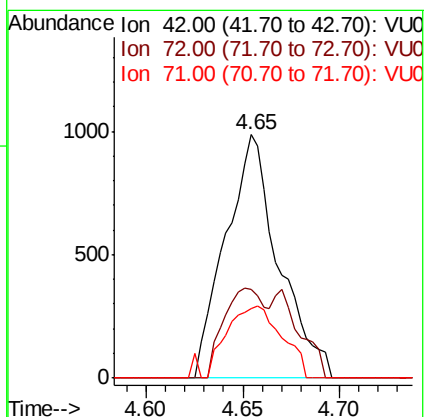
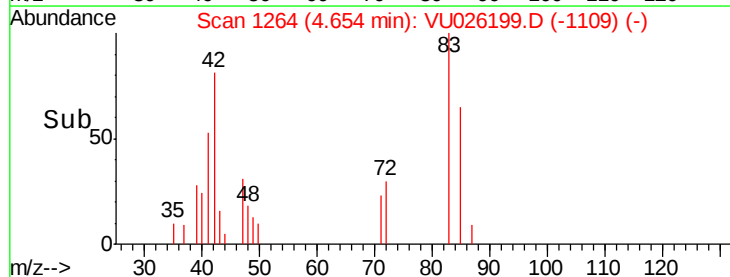
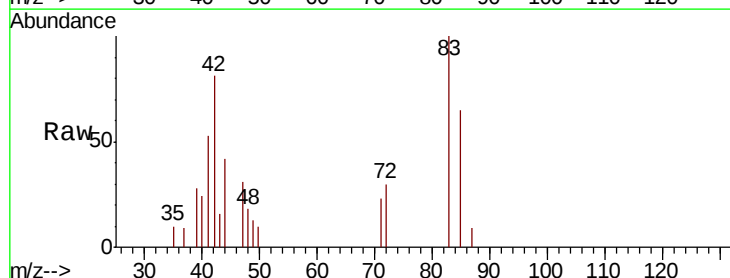
Tgt Ion: 42 Resp: 1883

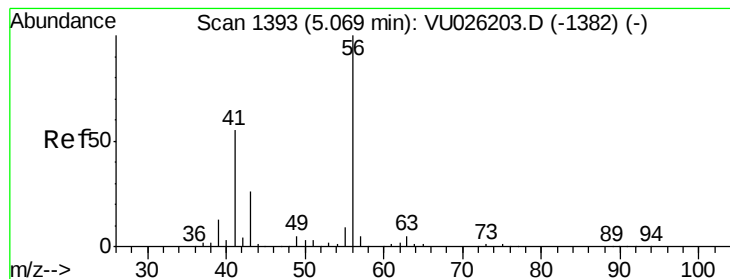
Ion Ratio Lower Upper

42 100

72 29.6 33.2 49.8#

71 30.6 29.8 44.8





#42

1-Chlorobutane

Concen: 0.455 ug/l

RT: 5.07 min Scan# 1394

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

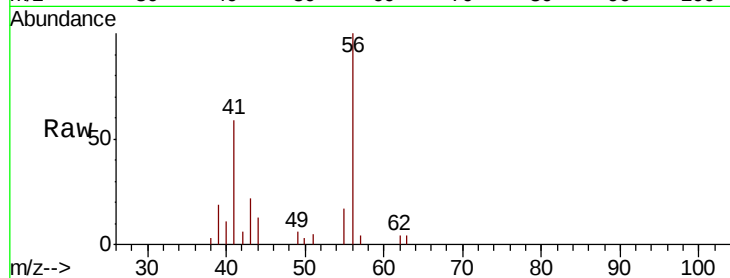
VSTDIC0.5

Tgt Ion: 56 Resp: 7962

Ion Ratio Lower Upper

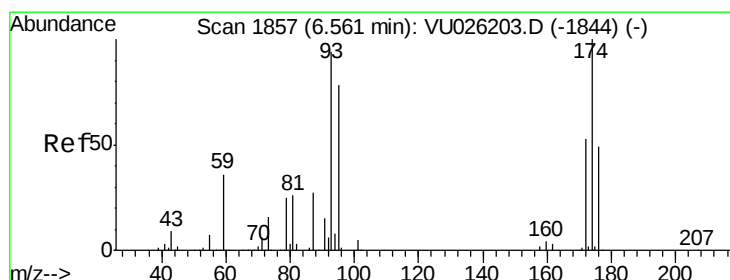
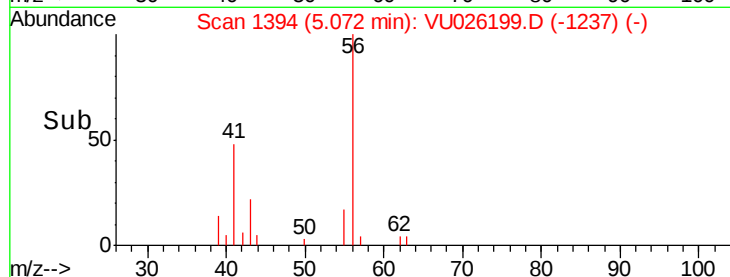
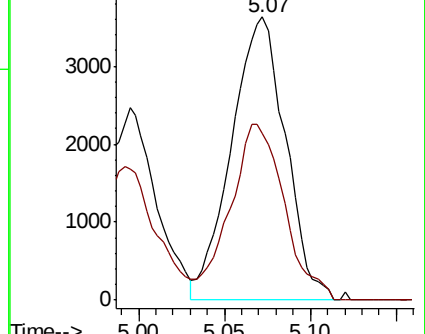
56 100

41 62.0 27.5 82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0



#43

Dibromomethane

Concen: 0.505 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

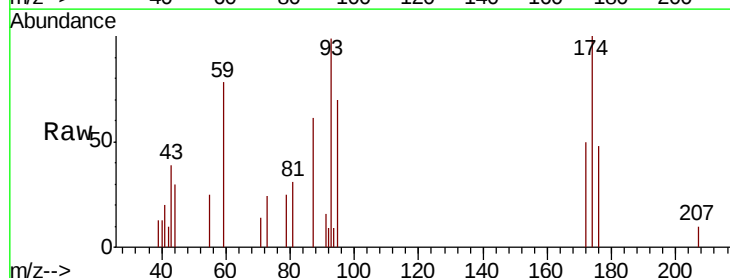
Tgt Ion: 93 Resp: 2457

Ion Ratio Lower Upper

93 100

95 85.7 67.2 100.8

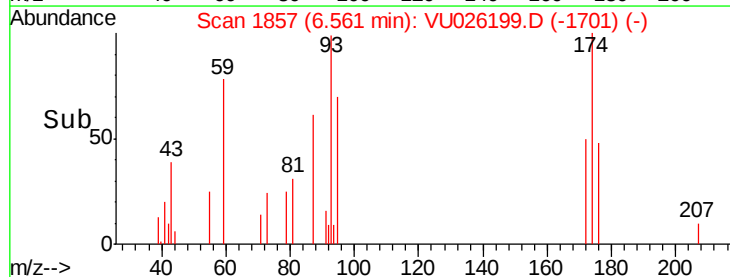
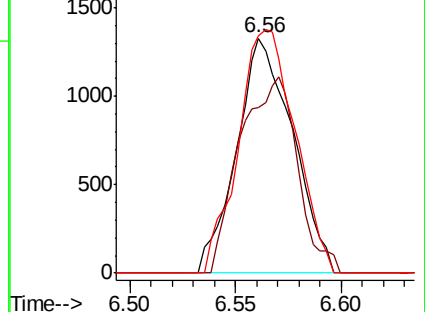
174 104.8 82.8 124.2

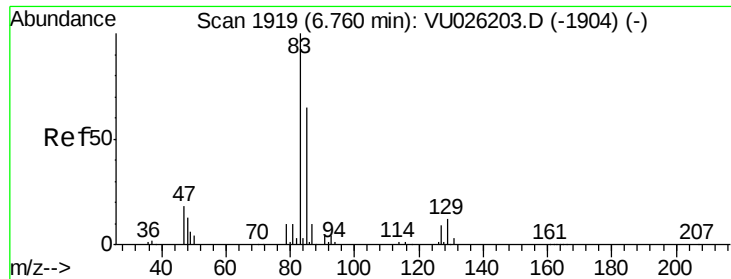


Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V





#44

Bromodichloromethane

Concen: 0.518 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

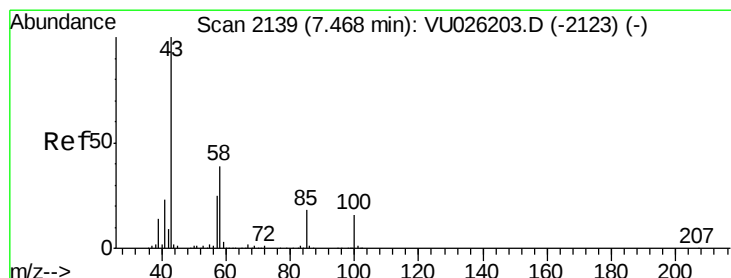
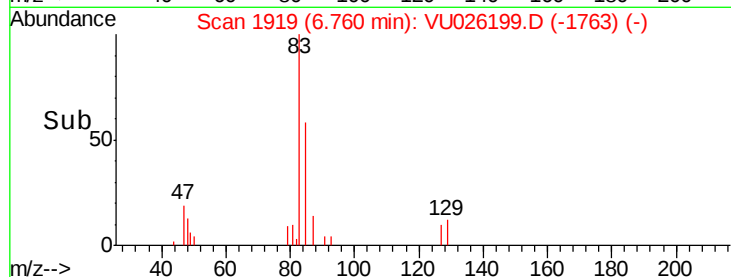
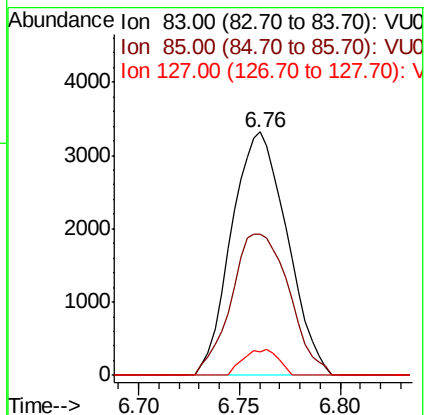
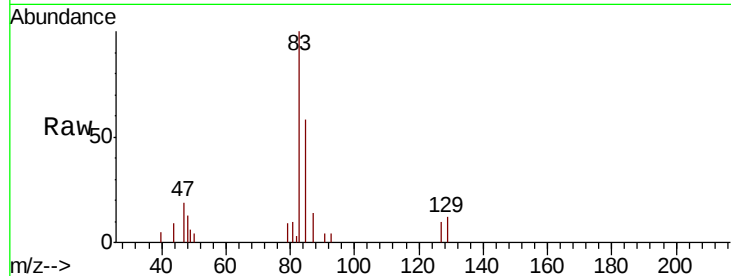
Tgt Ion: 83 Resp: 6376

Ion Ratio Lower Upper

83 100

85 57.7 52.2 78.4

127 9.8 7.0 10.4



#45

4-Methyl-2-Pentanone

Concen: 2.076 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

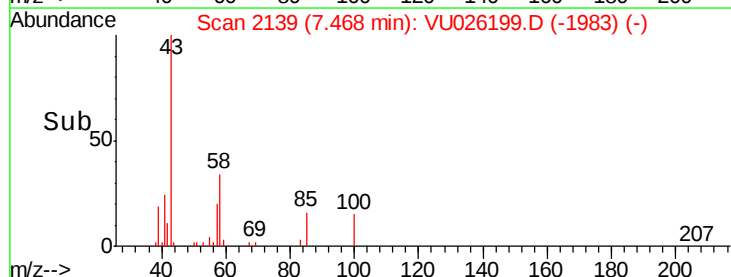
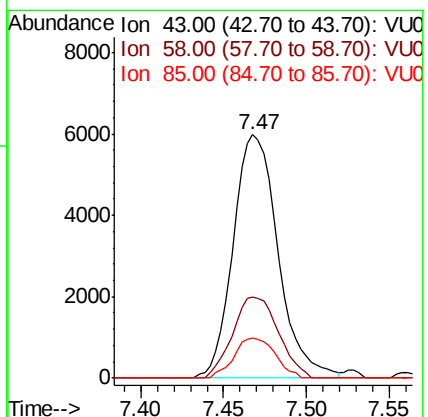
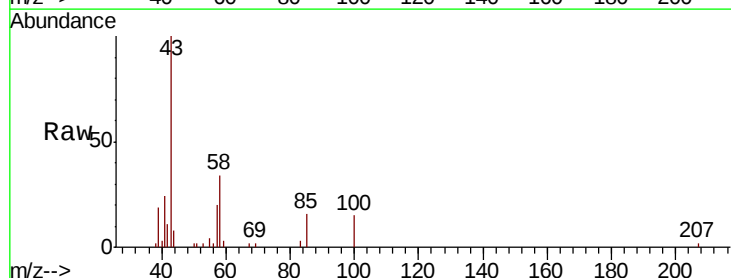
Tgt Ion: 43 Resp: 11252

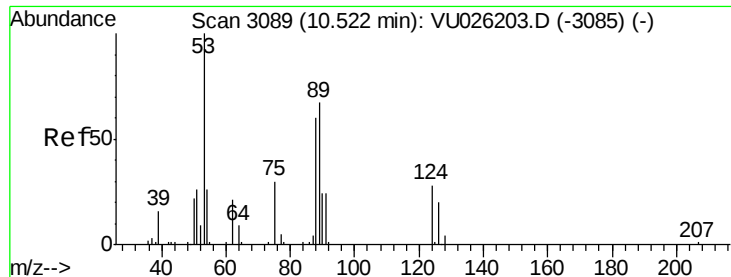
Ion Ratio Lower Upper

43 100

58 34.1 18.8 56.4

85 15.2 12.6 19.0

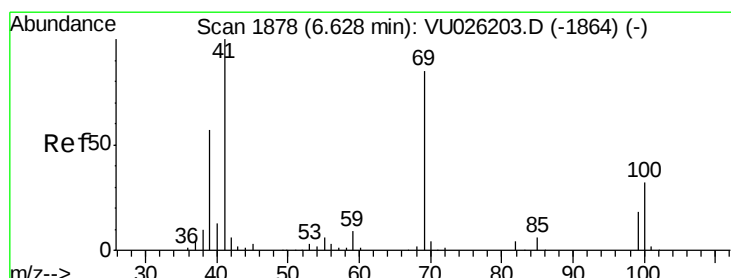
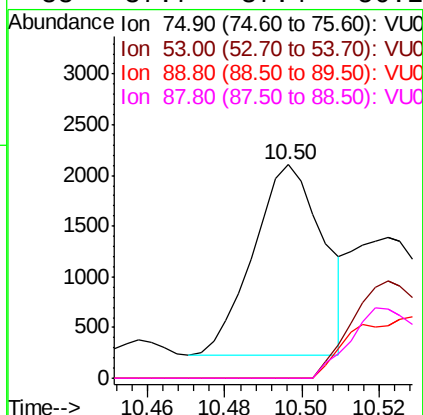
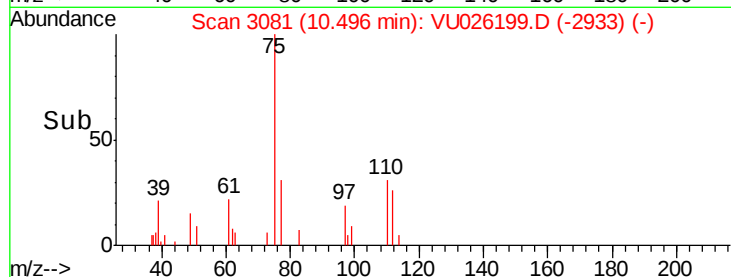
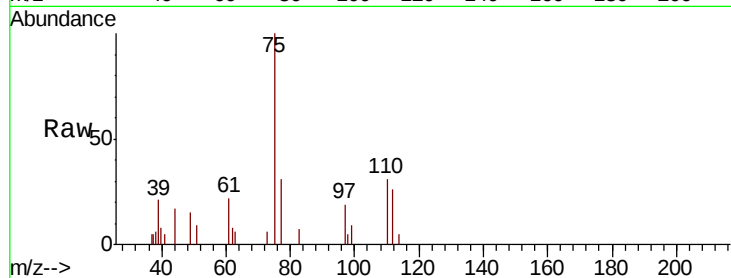




#46
t-1,4-Dichloro-2-butene
Concen: 2.449 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.03 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

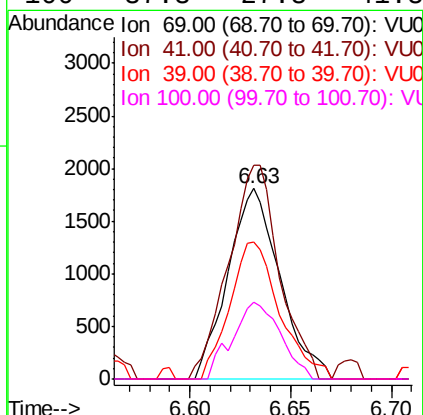
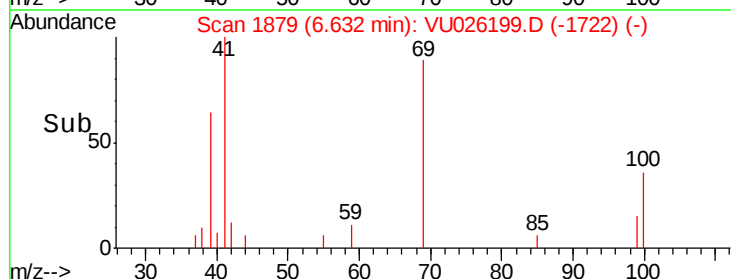
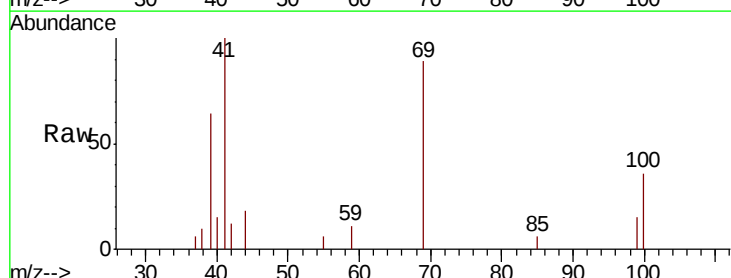
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

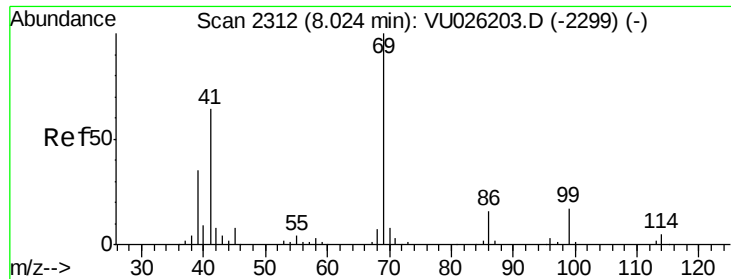
Tgt Ion: 75 Resp: 2367
Ion Ratio Lower Upper
75 100
53 60.0 82.2 123.4#
89 39.0 51.3 76.9#
88 37.7 37.4 56.2



#47
Methyl methacrylate
Concen: 0.801 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 69 Resp: 3258
Ion Ratio Lower Upper
69 100
41 109.5 0.0 245.4
39 69.1 49.0 73.4
100 37.3 27.8 41.8

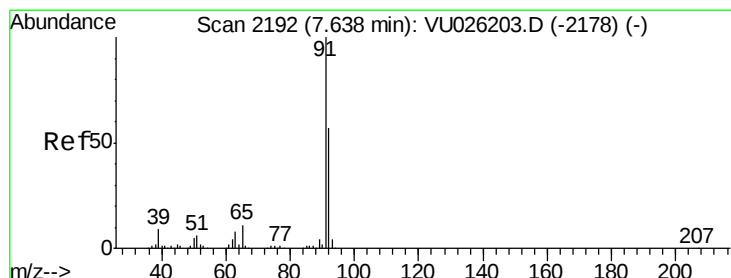
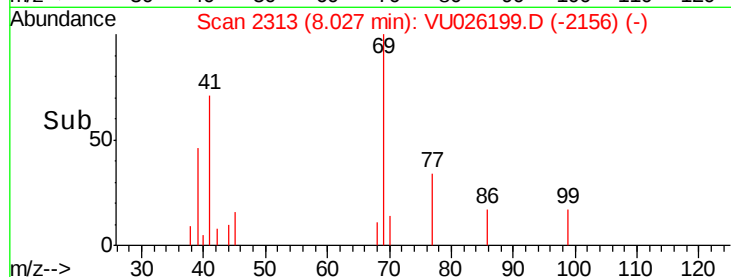
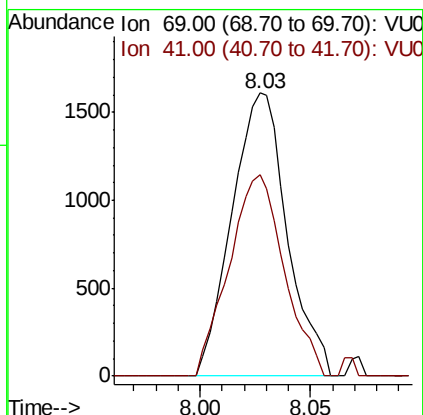
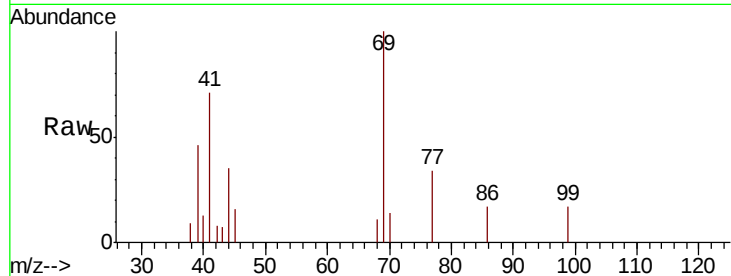




#48
Ethyl methacrylate
Concen: 0.343 ug/l
RT: 8.03 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

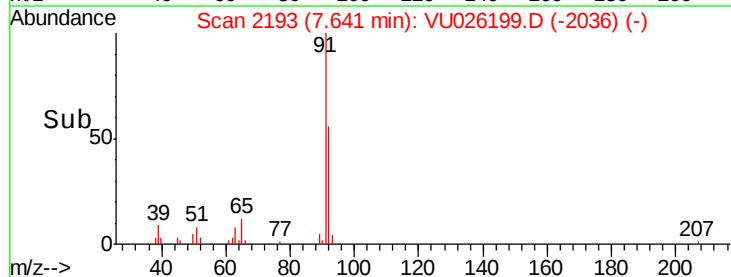
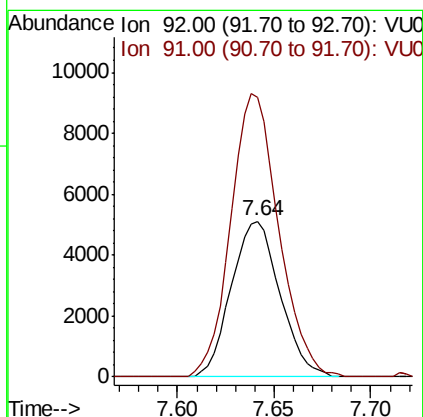
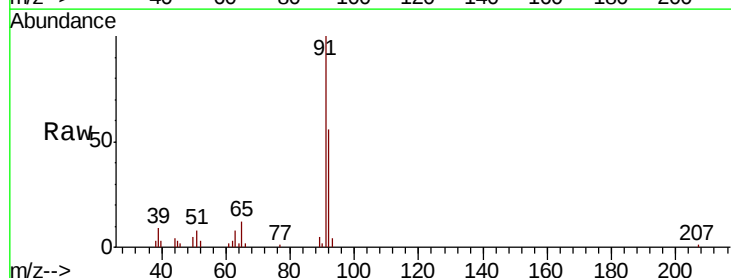
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

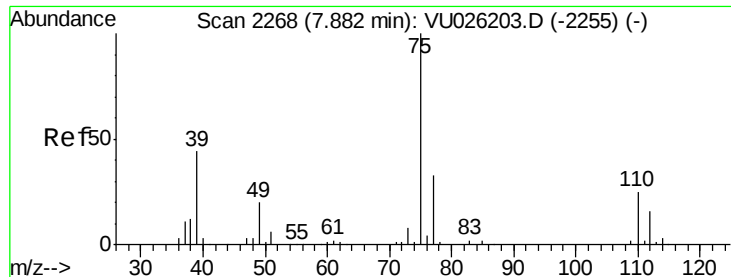
Tgt Ion: 69 Resp: 2798
Ion Ratio Lower Upper
69 100
41 70.7 34.2 102.5



#49
Toluene
Concen: 0.407 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 92 Resp: 8928
Ion Ratio Lower Upper
92 100
91 179.1 137.1 205.7

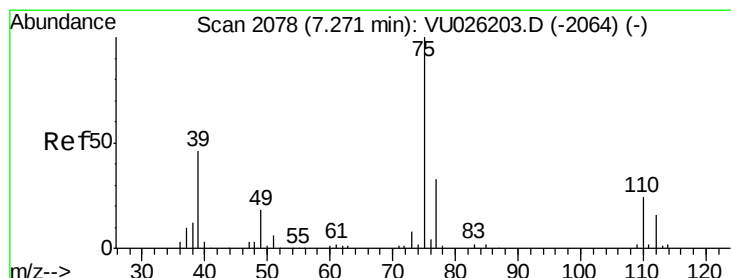
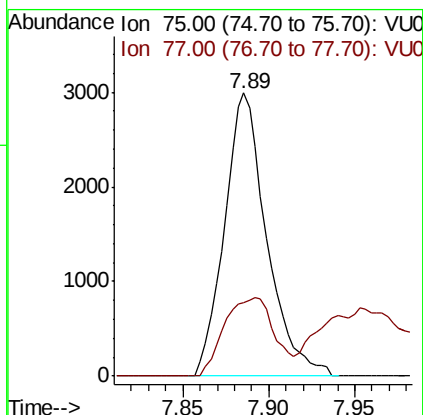
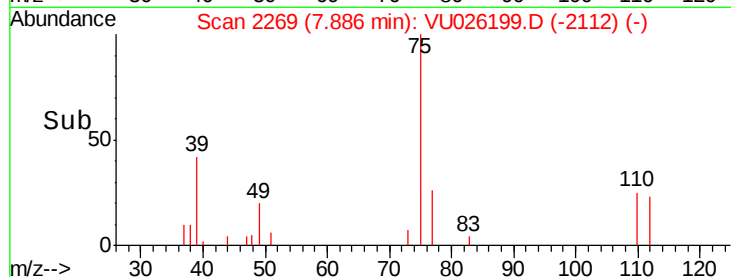
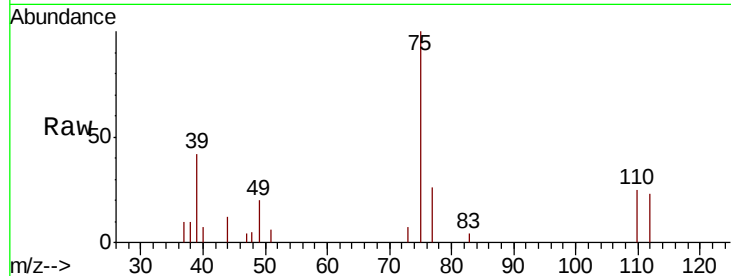




#50
t-1,3-Dichloropropene
Concen: 0.459 ug/l
RT: 7.89 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

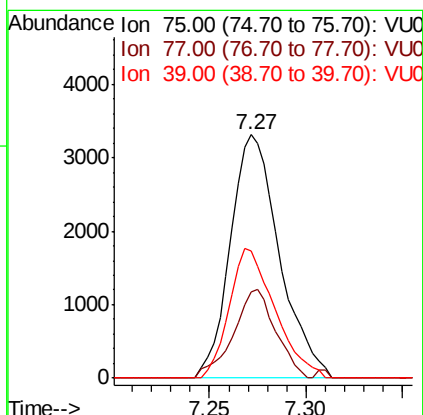
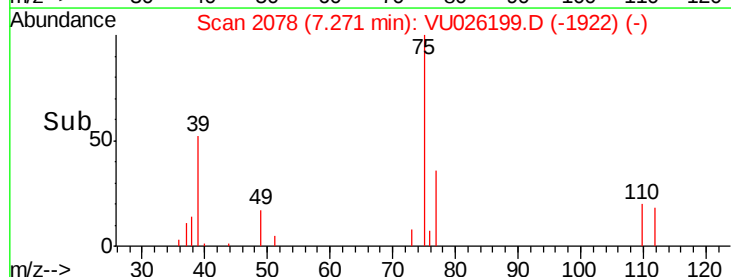
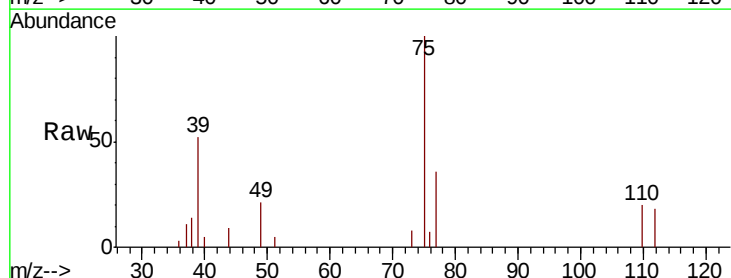
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

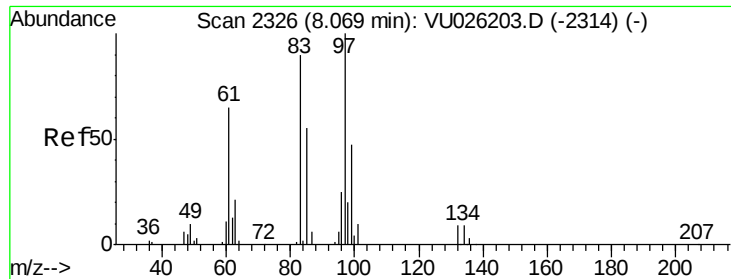
Tgt Ion: 75 Resp: 5100
Ion Ratio Lower Upper
75 100
77 25.9 25.2 37.8



#51
cis-1,3-Dichloropropene
Concen: 0.437 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 75 Resp: 5826
Ion Ratio Lower Upper
75 100
77 35.6 25.2 37.8
39 52.4 36.4 54.6

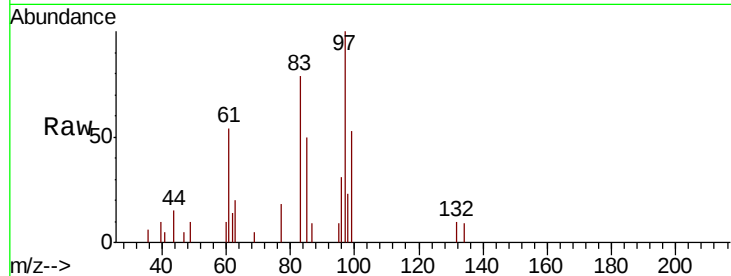




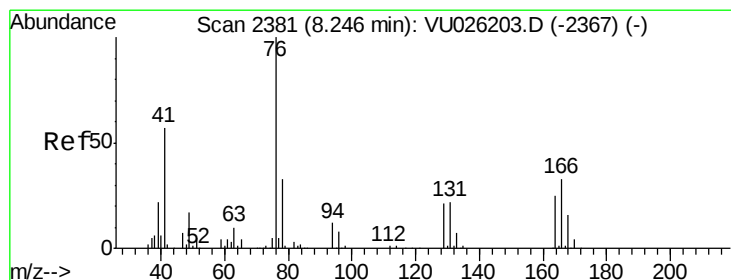
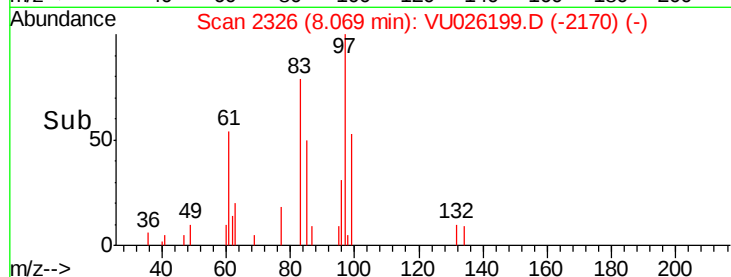
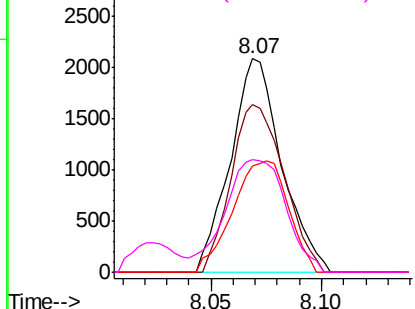
#52
 1,1,2-Trichloroethane
 Concen: 0.516 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	97	Resp:	3365
Ion	Ratio	Lower	Upper
97	100		
83	78.7	72.6	109.0
85	50.0	47.2	70.8
99	52.5	50.8	76.2

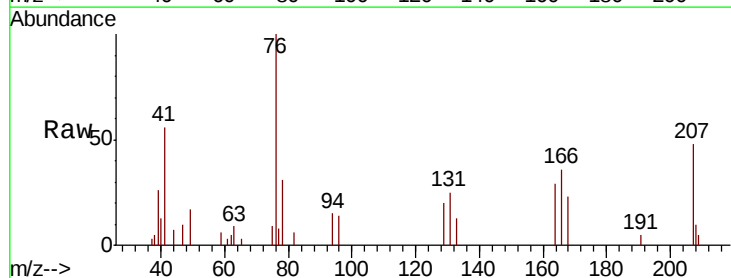


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

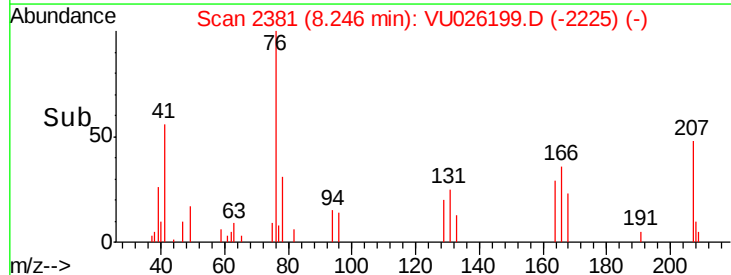
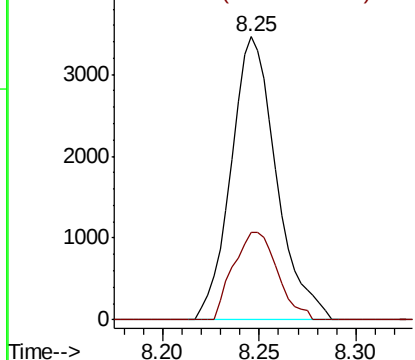


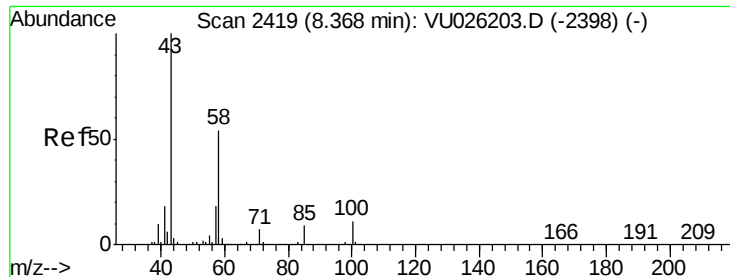
#53
 1,3-Dichloropropane
 Concen: 0.513 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion:	76	Resp:	5641
Ion	Ratio	Lower	Upper
76	100		
78	30.2	25.7	38.5



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

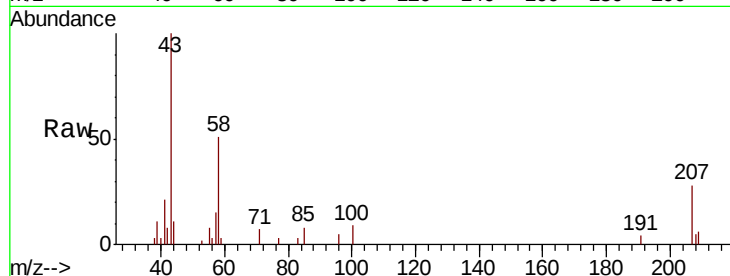




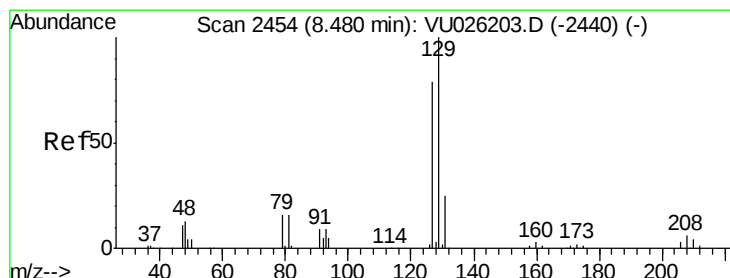
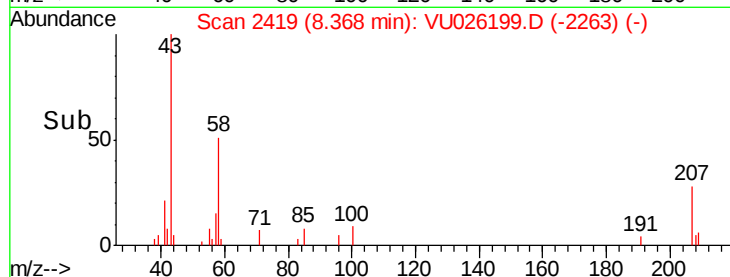
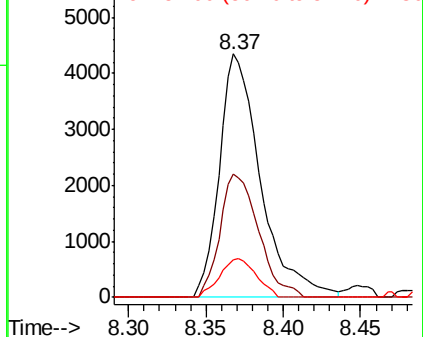
#54
2-Hexanone
Concen: 2.101 ug/l
RT: 8.37 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 8044
Ion Ratio Lower Upper
43 100
58 47.2 32.5 72.5
57 14.0 0.0 37.9

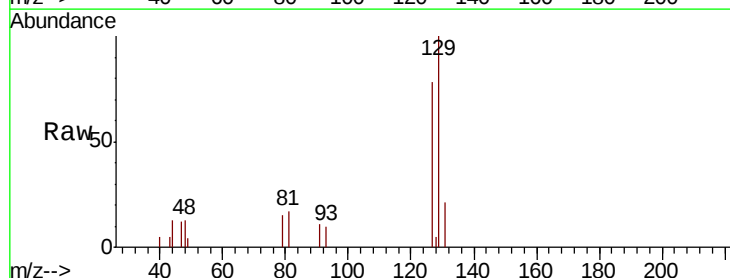


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

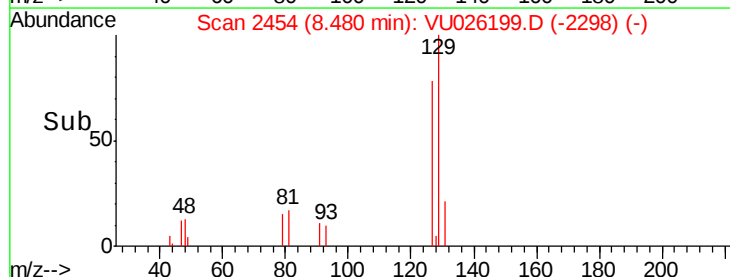
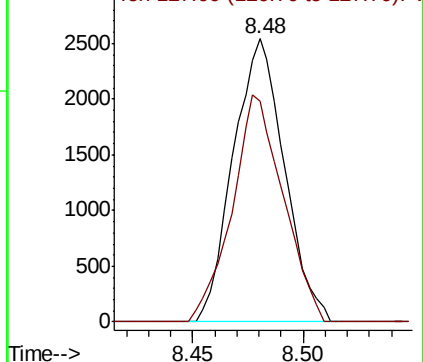


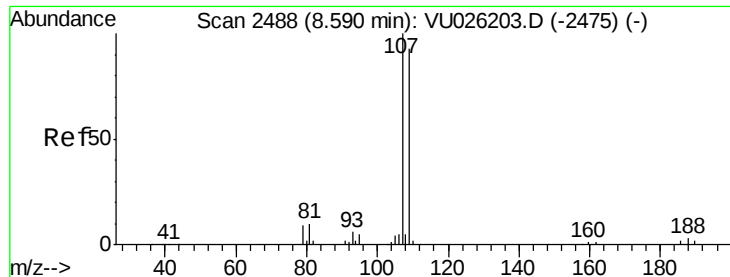
#55
Dibromochloromethane
Concen: 0.495 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 129 Resp: 4099
Ion Ratio Lower Upper
129 100
127 79.8 61.1 91.7



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

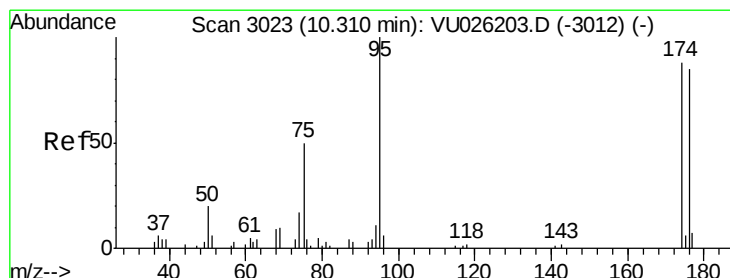
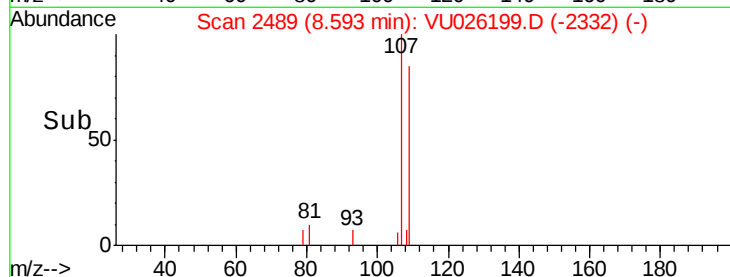
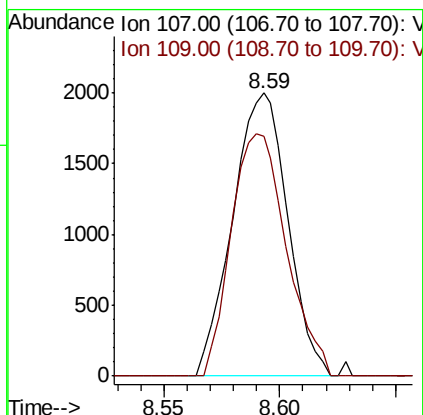
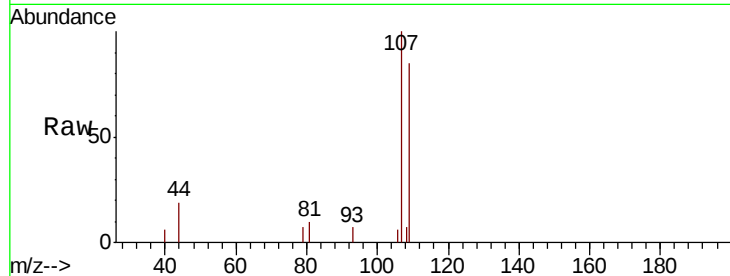




#56
 1,2-Dibromoethane
 Concen: 0.522 ug/l
 RT: 8.59 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

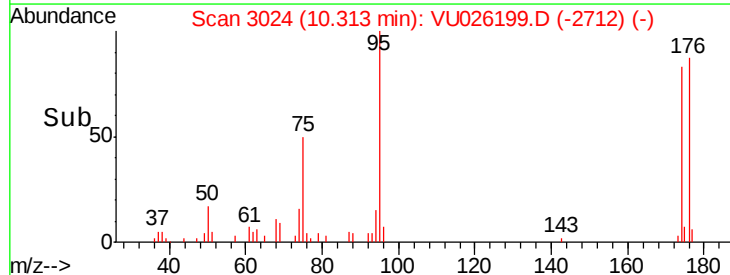
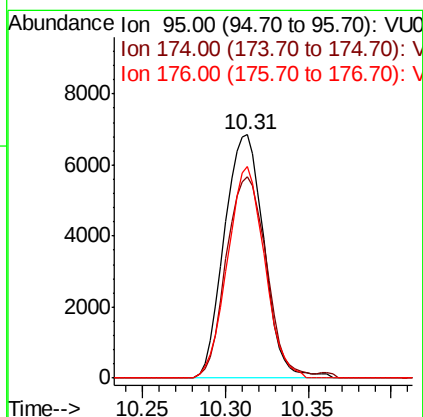
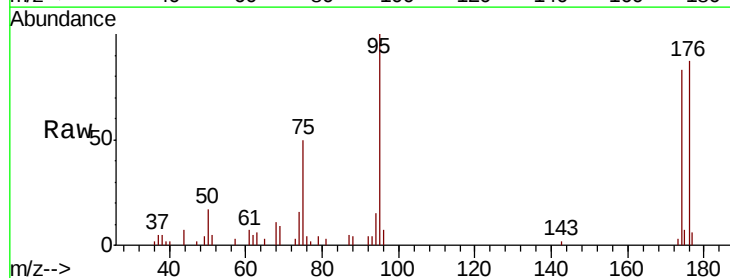
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

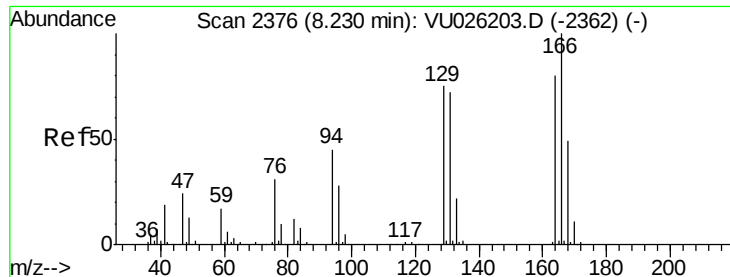
Tgt Ion: 107 Resp: 3292
 Ion Ratio Lower Upper
 107 100
 109 86.1 0.0 189.0



#57
 4-Bromofluorobenzene
 Concen: 0.522 ug/l
 RT: 10.31 min Scan# 3024
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 95 Resp: 11370
 Ion Ratio Lower Upper
 95 100
 174 84.3 65.6 98.4
 176 81.4 62.0 93.0





#58

Tetrachloroethene

Concen: 0.503 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:164 Resp: 4775

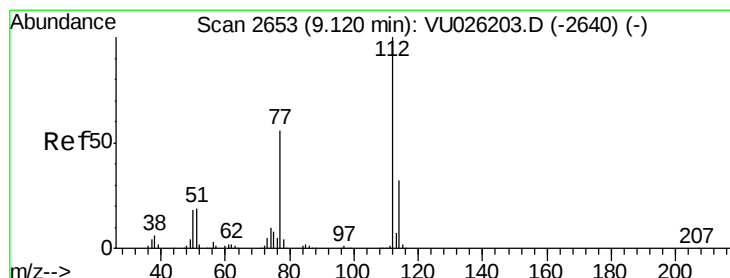
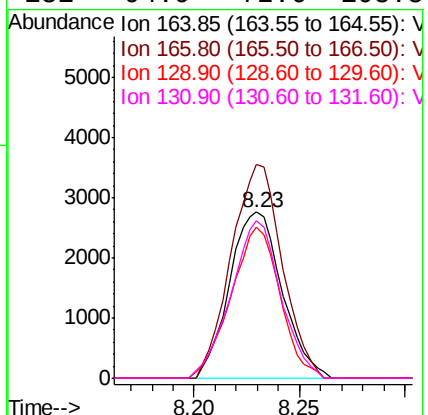
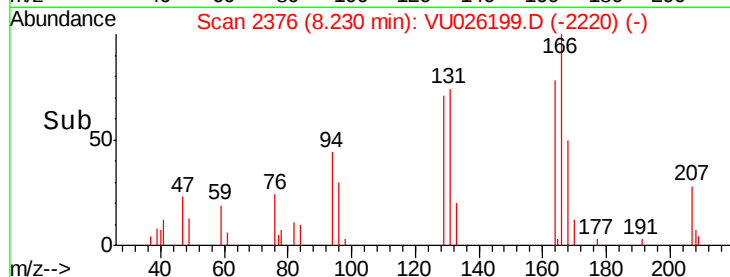
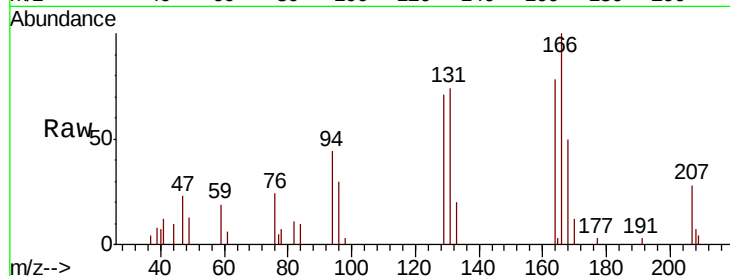
Ion Ratio Lower Upper

164 100

166 128.8 104.1 156.1

129 91.2 76.8 115.2

131 94.9 72.6 108.8



#59

Chlorobenzene

Concen: 0.429 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU026199.D

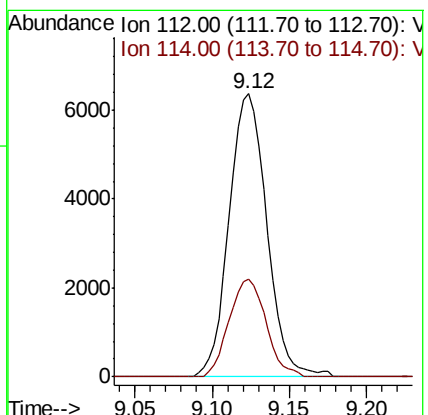
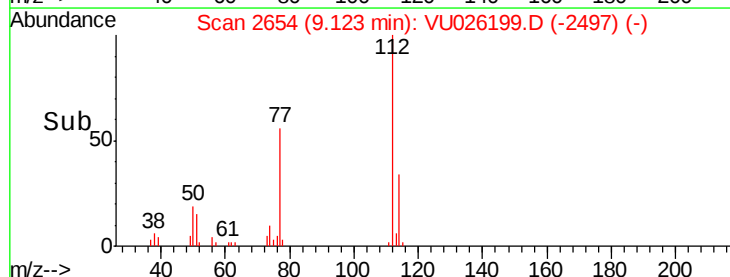
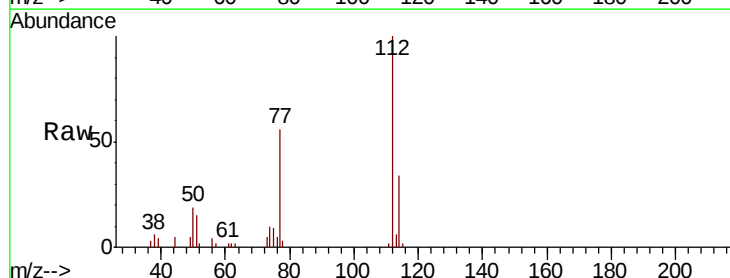
Acq: 20 Aug 2018 11:12

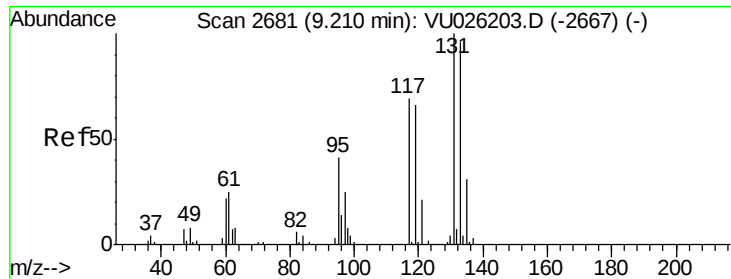
Tgt Ion:112 Resp: 10818

Ion Ratio Lower Upper

112 100

114 34.4 25.4 38.2

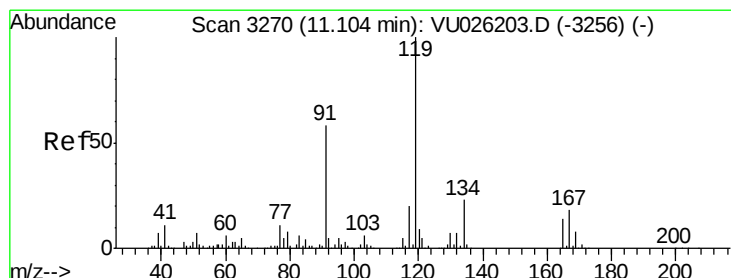
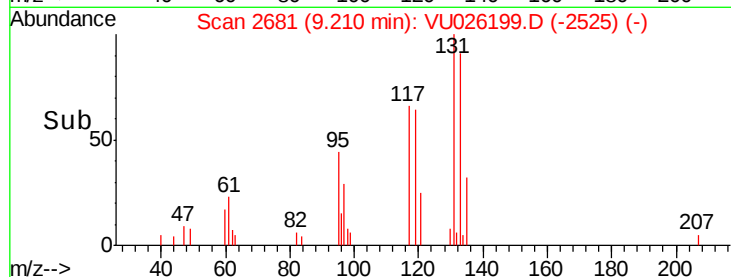
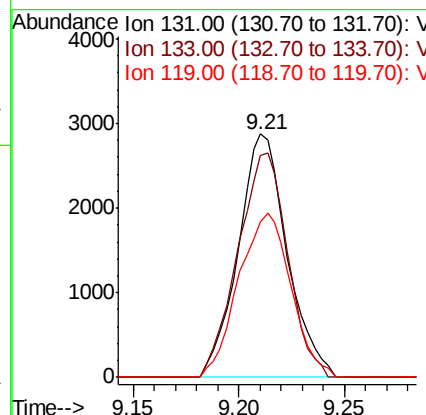
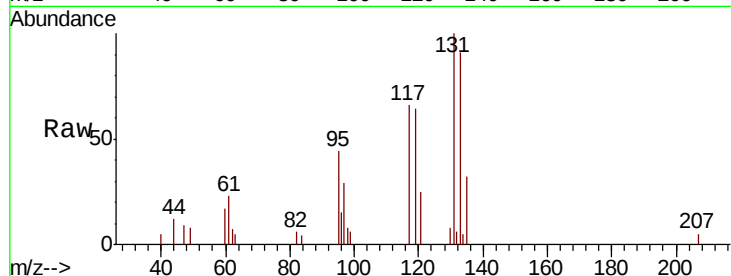




#60
 1,1,1,2-Tetrachloroethane
 Concen: 0.493 ug/l
 RT: 9.21 min Scan# 2681
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

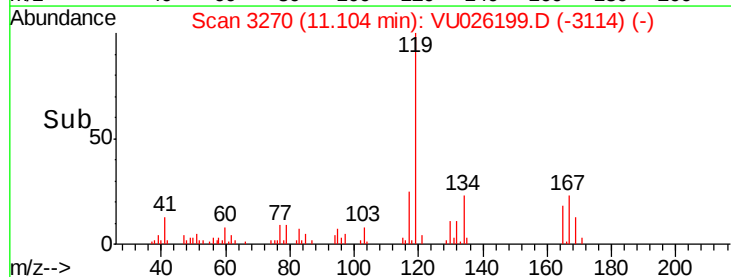
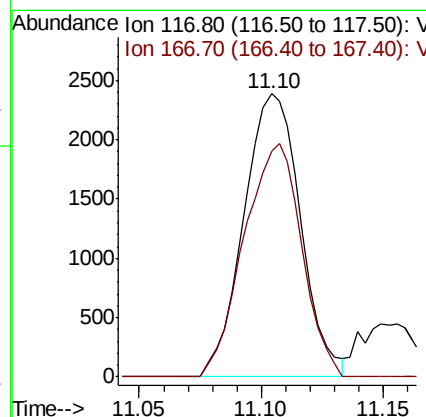
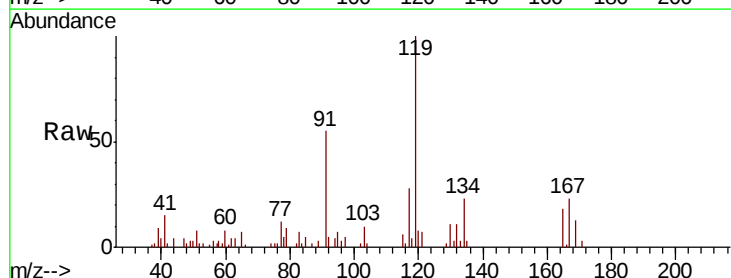
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

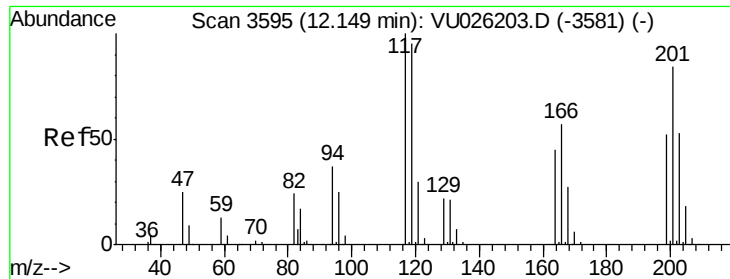
Tgt Ion:131 Resp: 4619
 Ion Ratio Lower Upper
 131 100
 133 94.1 75.8 113.8
 119 72.3 53.0 79.6



#61
 Pentachloroethane
 Concen: 0.539 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion:117 Resp: 3853
 Ion Ratio Lower Upper
 117 100
 167 83.7 69.2 103.8





#62

Hexachloroethane

Concen: 0.515 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

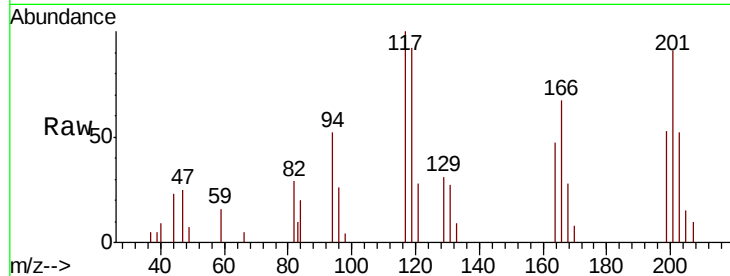
VSTDIC0.5

Tgt Ion: 117 Resp: 3758

Ion Ratio Lower Upper

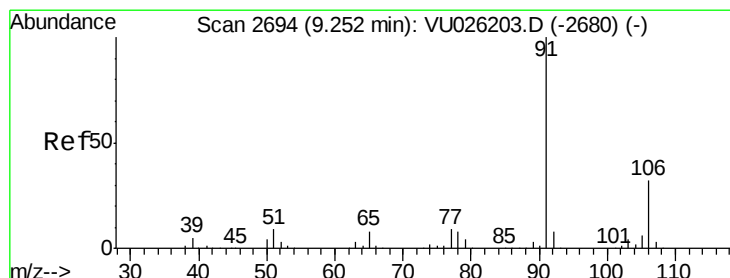
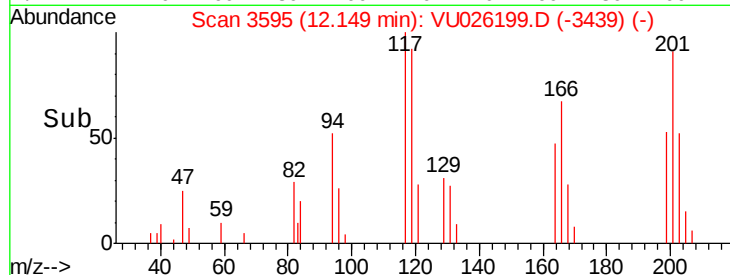
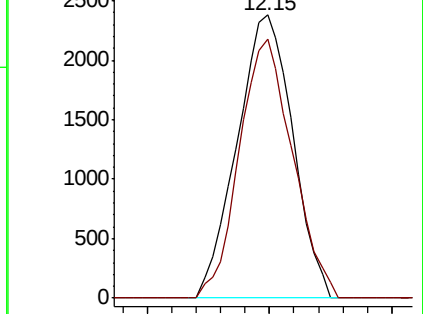
117 100

201 87.6 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: 0.376 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU026199.D

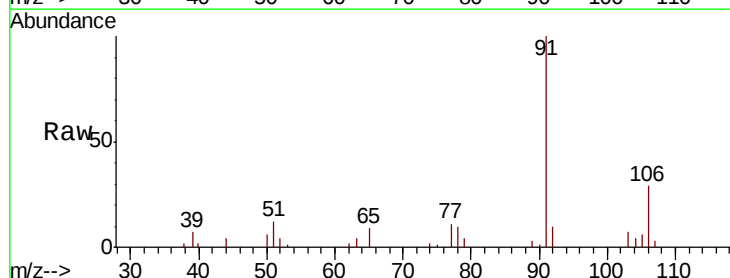
Acq: 20 Aug 2018 11:12

Tgt Ion: 91 Resp: 15768

Ion Ratio Lower Upper

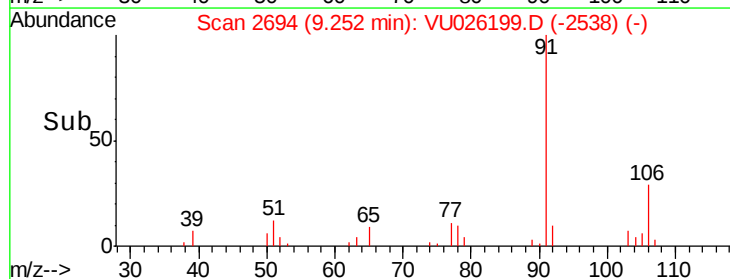
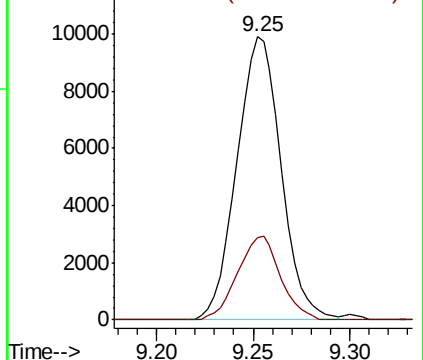
91 100

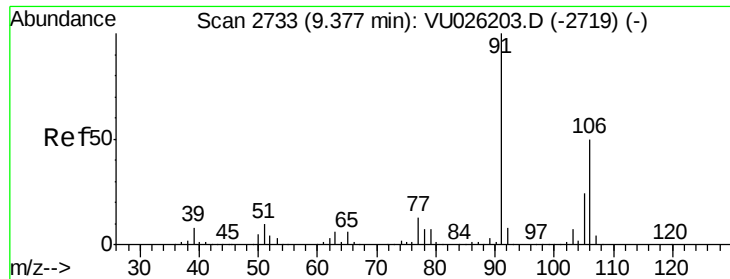
106 29.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

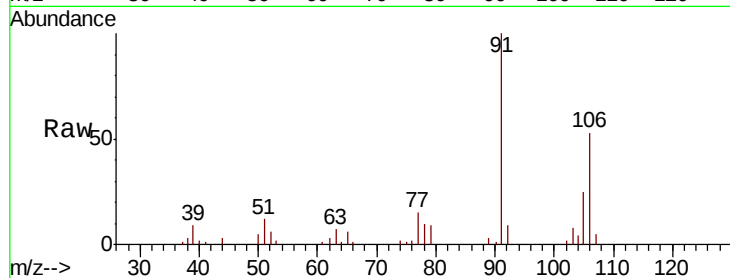




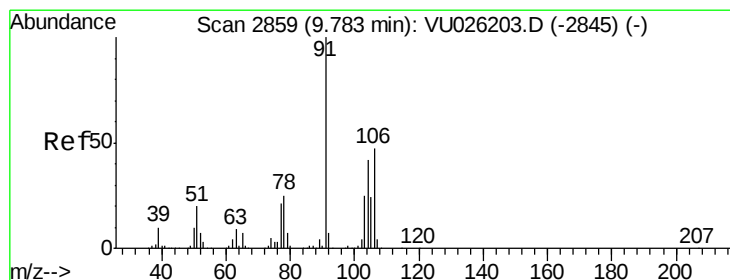
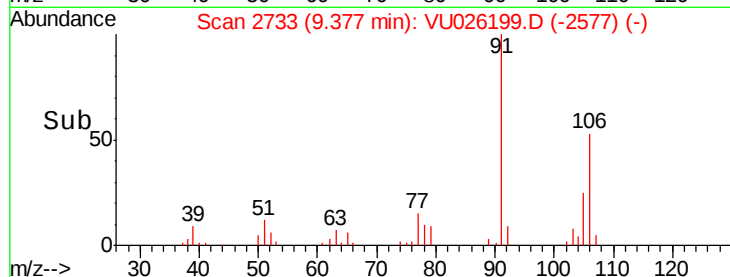
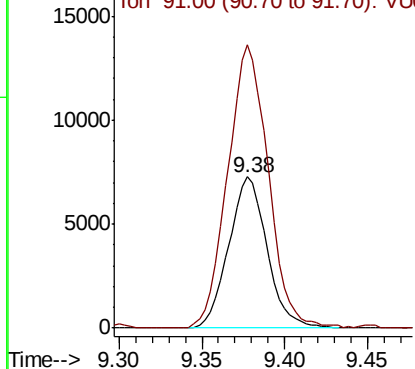
#64
m/p-Xylenes
Concen: 0.708 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 11681
Ion Ratio Lower Upper
106 100
91 197.7 164.1 246.1

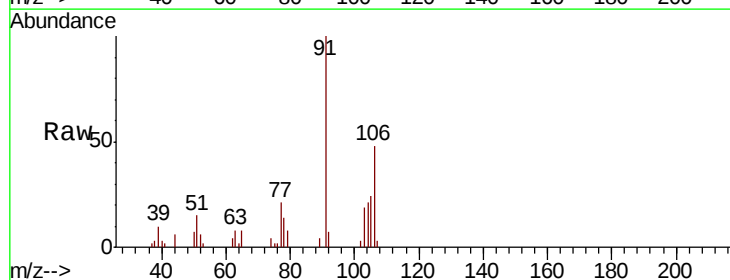


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

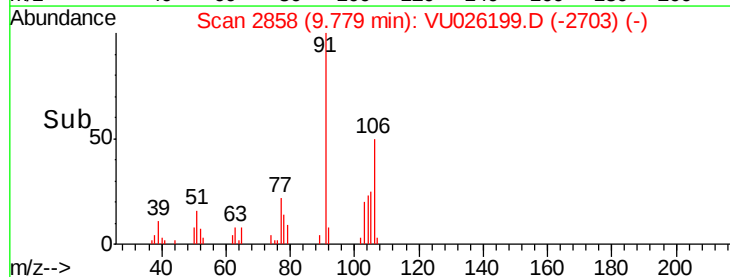
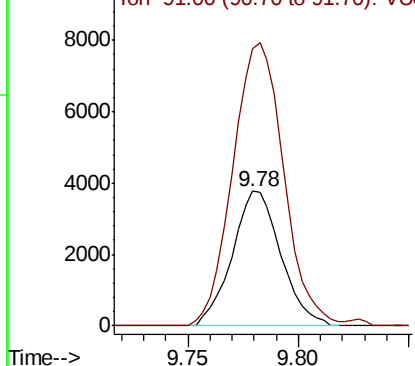


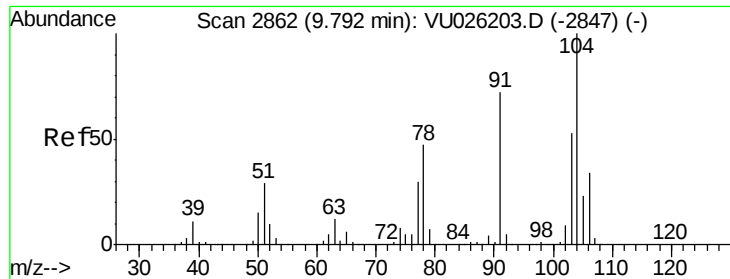
#65
o-Xylene
Concen: 0.368 ug/l
RT: 9.78 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion:106 Resp: 5788
Ion Ratio Lower Upper
106 100
91 220.7 107.9 323.7



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





#66

Styrene

Concen: 0.349 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

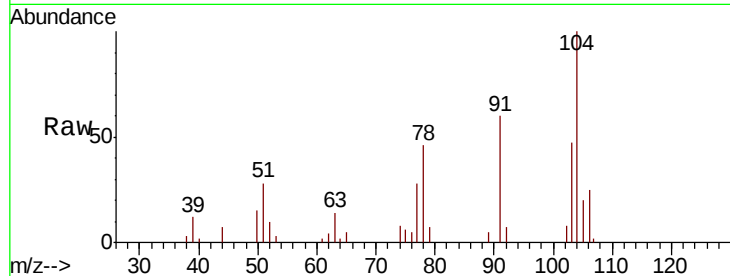
Tgt Ion:104 Resp: 9322

Ion Ratio Lower Upper

104 100

78 48.6 40.2 60.2

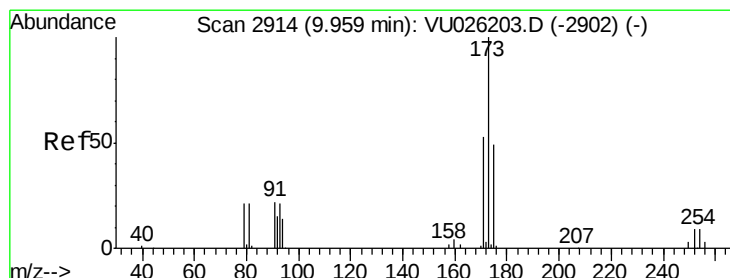
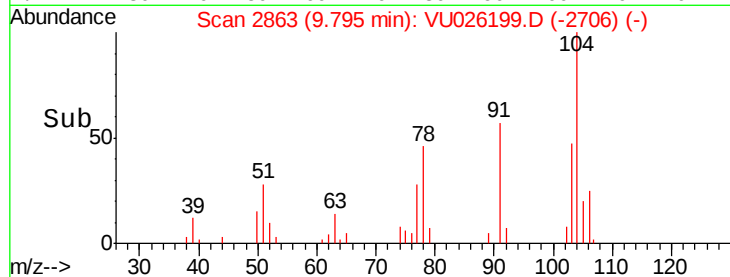
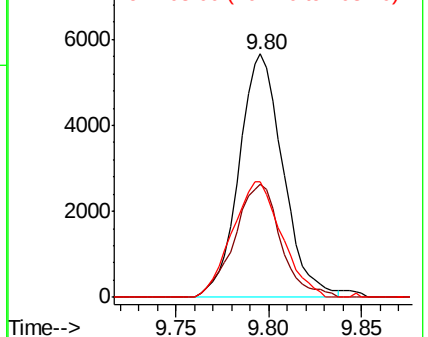
103 53.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#67

Bromoform

Concen: 0.474 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

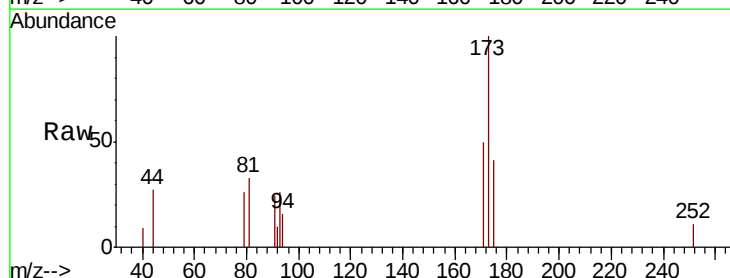
Tgt Ion:173 Resp: 2319

Ion Ratio Lower Upper

173 100

175 47.5 38.6 57.8

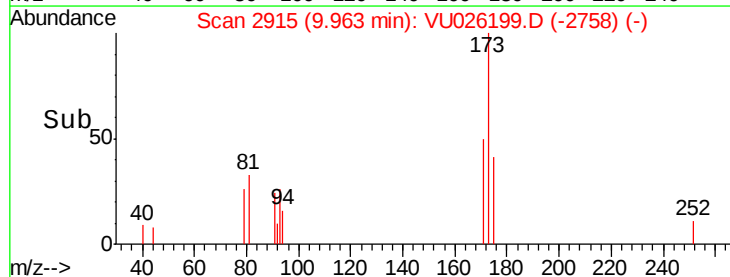
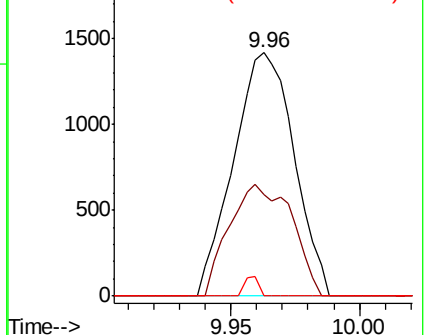
254 1.9 8.8 13.2#

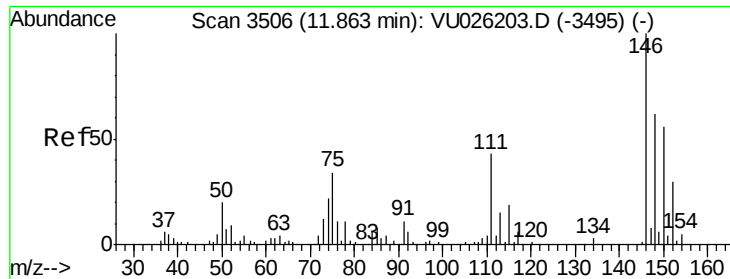


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

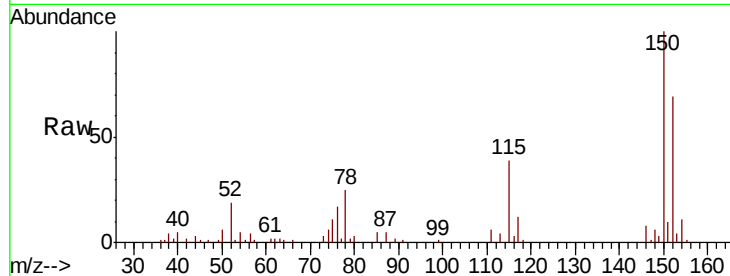




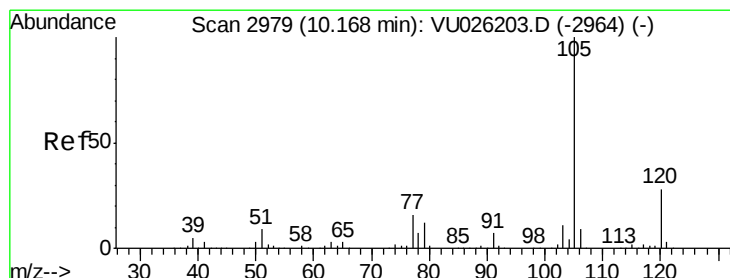
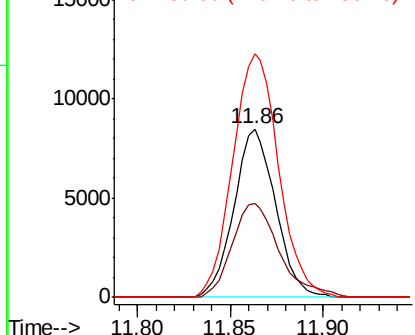
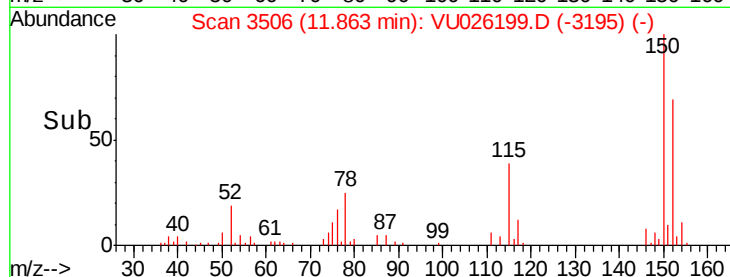
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.474 ug/l
 RT: 11.86 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:152 Resp: 13226
 Ion Ratio Lower Upper
 152 100
 115 63.8 0.0 118.8
 150 159.2 0.0 0.0#

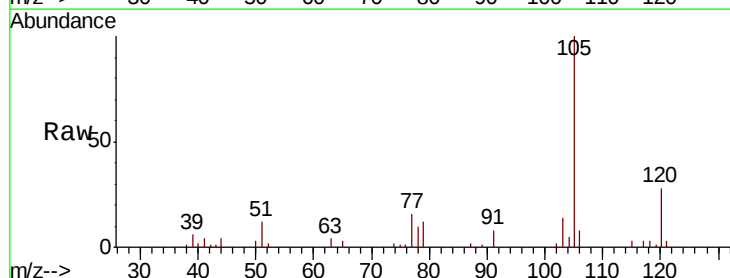


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

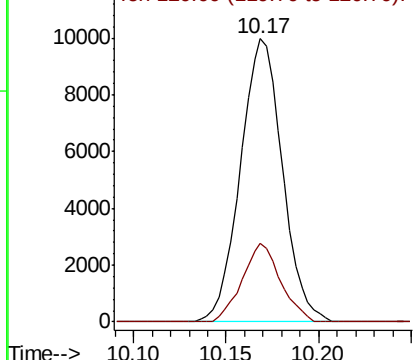
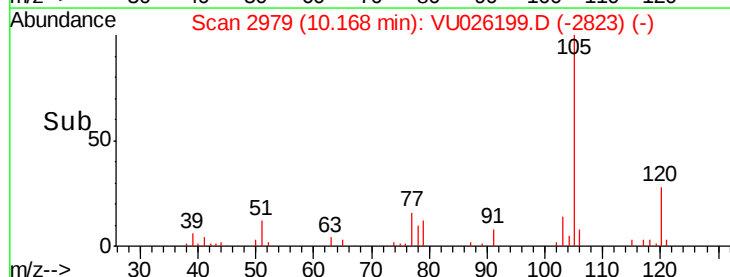


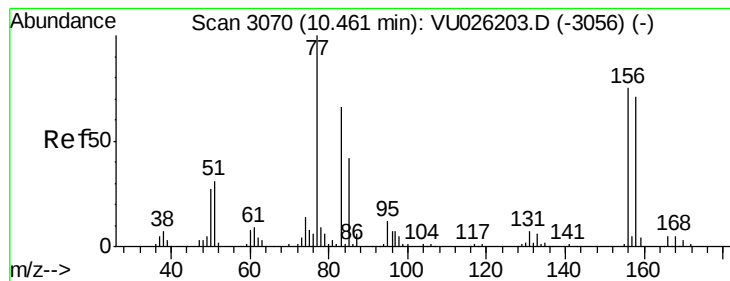
#69
 Isopropylbenzene
 Concen: 0.370 ug/l
 RT: 10.17 min Scan# 2979
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion:105 Resp: 15696
 Ion Ratio Lower Upper
 105 100
 120 25.4 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: 0.487 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

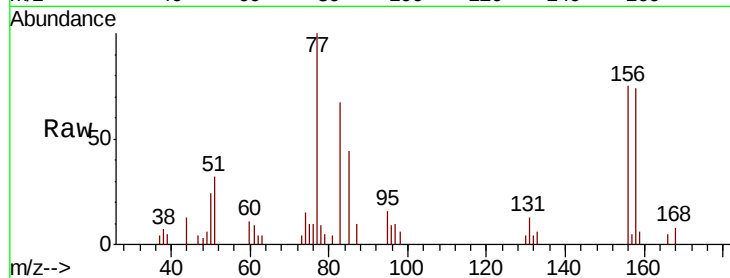
Tgt Ion: 83 Resp: 3986

Ion Ratio Lower Upper

83 100

131 11.9 7.9 11.9

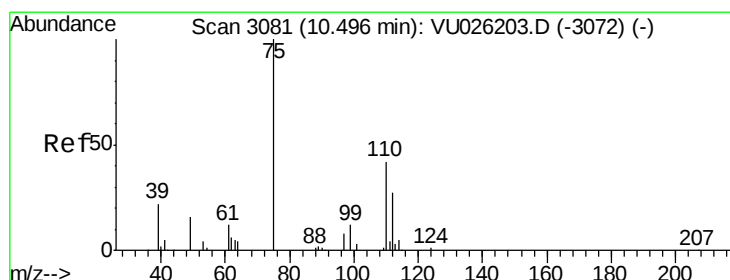
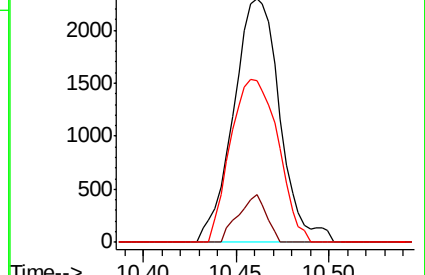
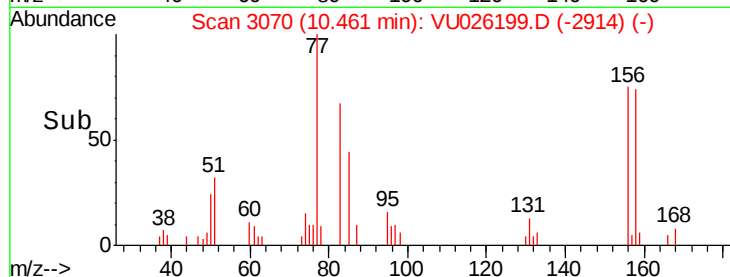
85 68.5 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VU026199.D (-2914) (-)

Ion 131.00 (130.70 to 131.70): VU026199.D (-2914) (-)

Ion 85.00 (84.70 to 85.70): VU026199.D (-2914) (-)



#71

1,2,3-Trichloropropane

Concen: 0.371 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Tgt Ion: 75 Resp: 2367

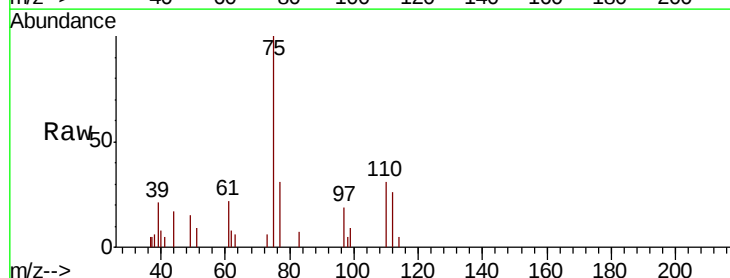
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 47.6 0.0 74.0

97 24.7 0.0 39.6

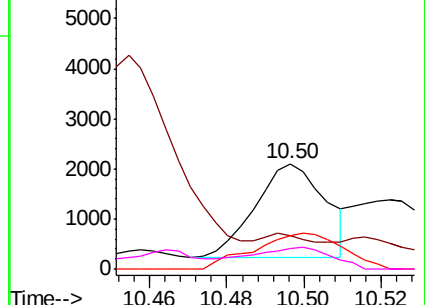
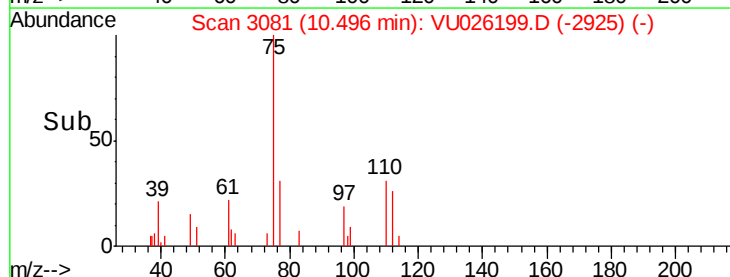


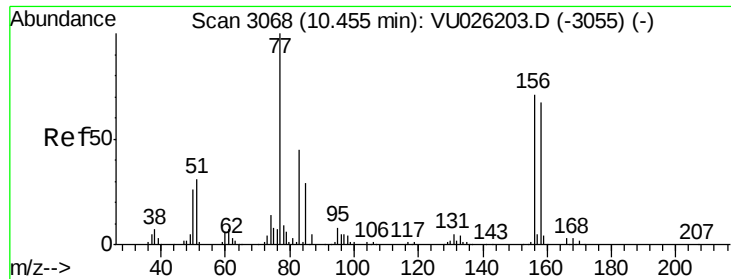
Abundance Ion 75.00 (74.70 to 75.70): VU026199.D (-2925) (-)

Ion 77.00 (76.70 to 77.70): VU026199.D (-2925) (-)

Ion 110.00 (109.70 to 110.70): VU026199.D (-2925) (-)

Ion 97.00 (96.70 to 97.70): VU026199.D (-2925) (-)





#72

Bromobenzene

Concen: 0.440 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

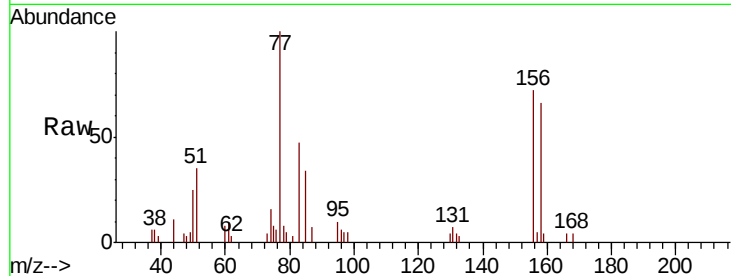
Tgt Ion:156 Resp: 4851

Ion Ratio Lower Upper

156 100

77 143.4 0.0 309.8

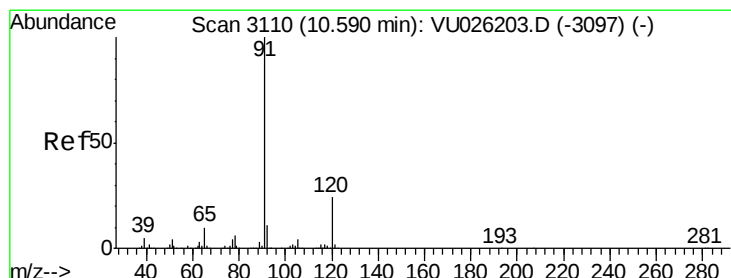
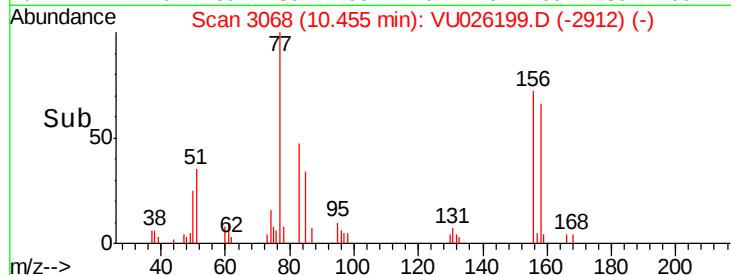
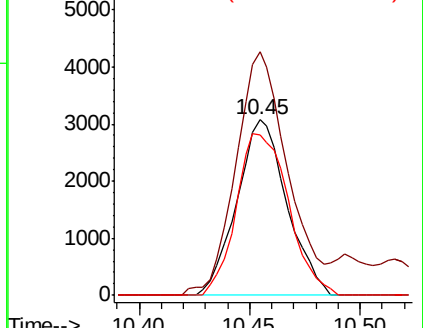
158 96.2 0.0 193.0



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: 0.356 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU026199.D

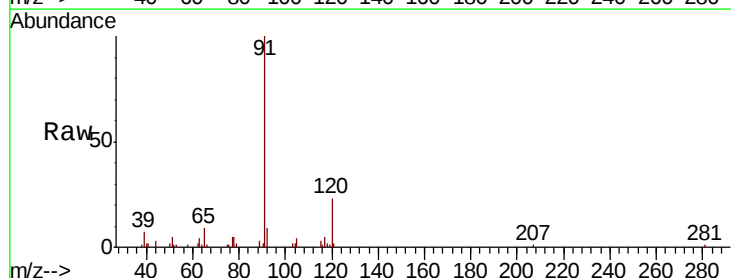
Acq: 20 Aug 2018 11:12

Tgt Ion:120 Resp: 4256

Ion Ratio Lower Upper

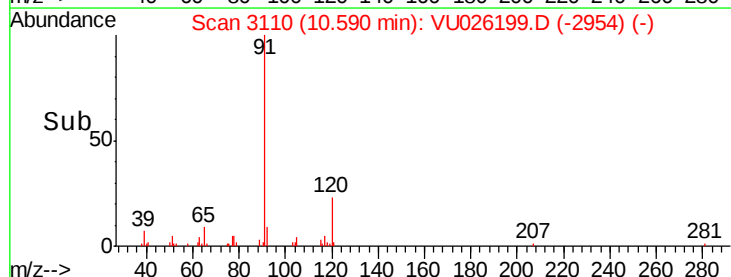
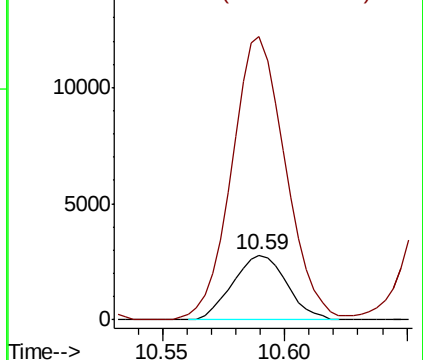
120 100

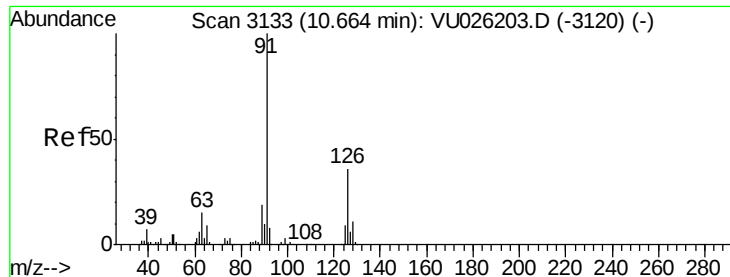
91 437.5 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 0.382 ug/l

RT: 10.66 min Scan# 3132

Delta R.T. -0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

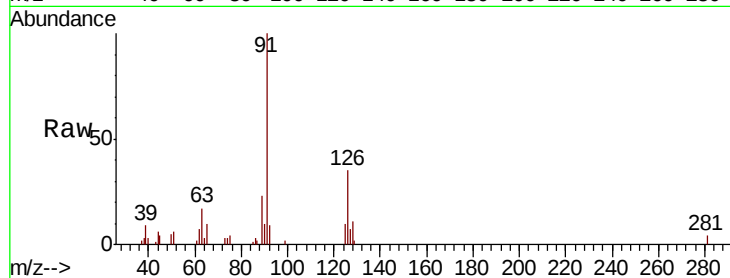
VSTDIC0.5

Tgt Ion:126 Resp: 4026

Ion Ratio Lower Upper

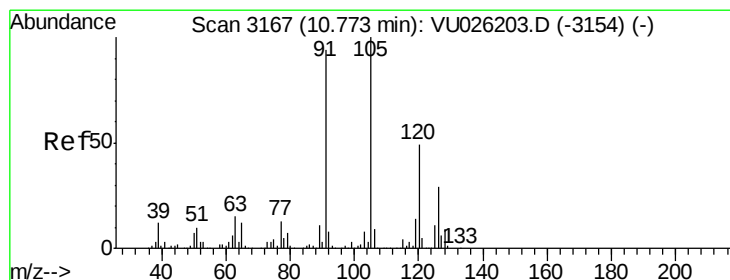
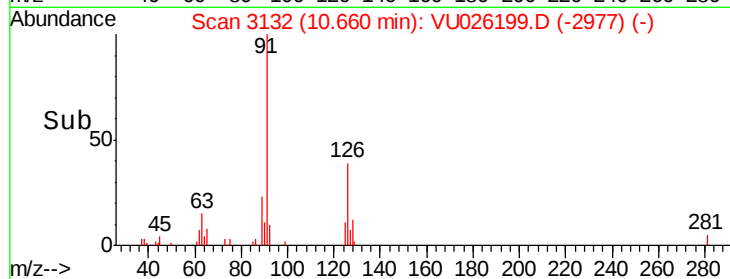
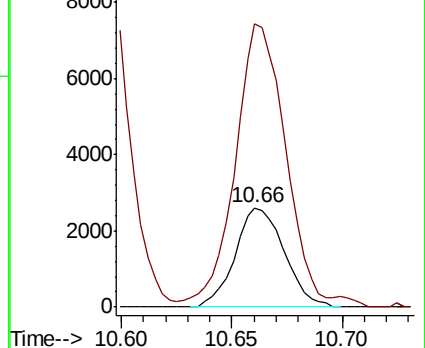
126 100

91 296.8 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 0.339 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU026199.D

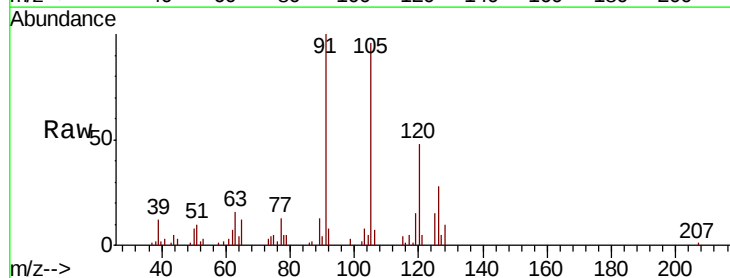
Acq: 20 Aug 2018 11:12

Tgt Ion:105 Resp: 12586

Ion Ratio Lower Upper

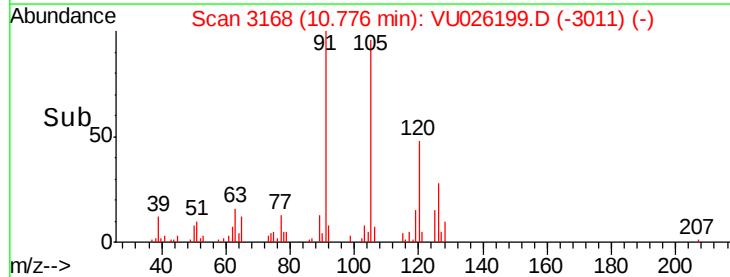
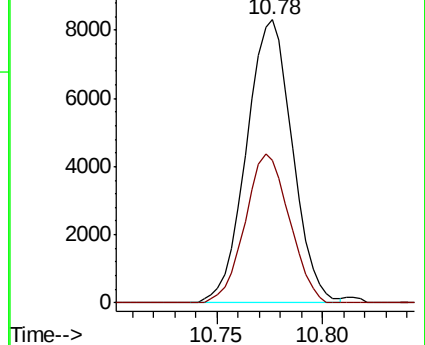
105 100

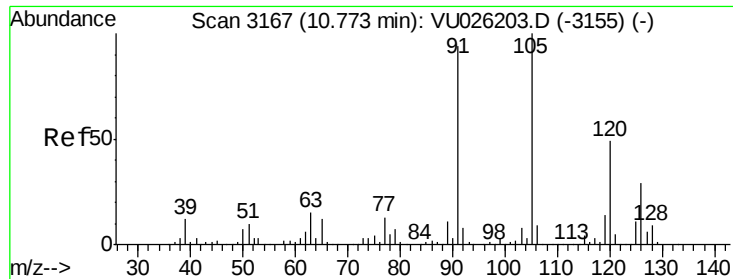
120 50.9 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

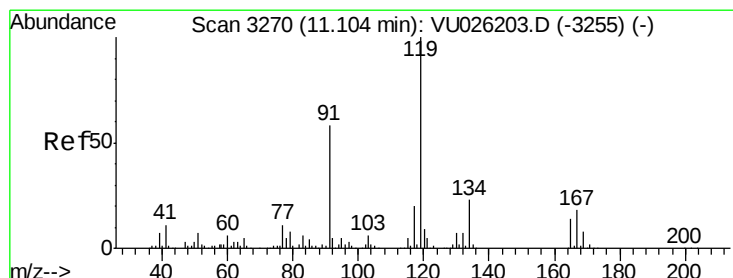
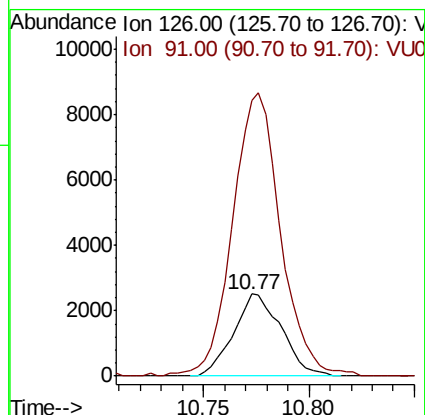
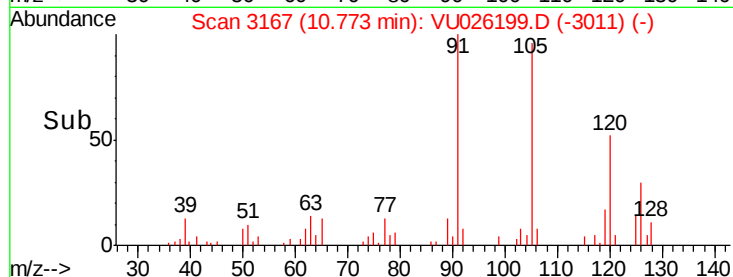
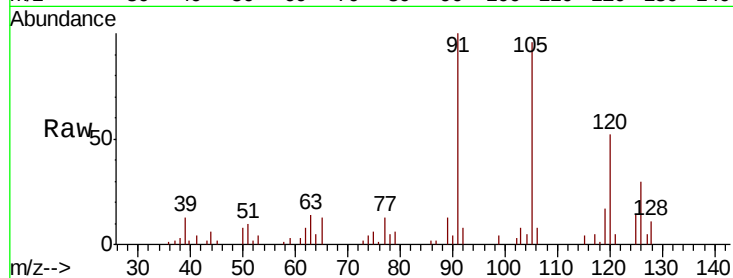




#76
4-Chlorotoluene
Concen: 0.357 ug/l
RT: 10.77 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

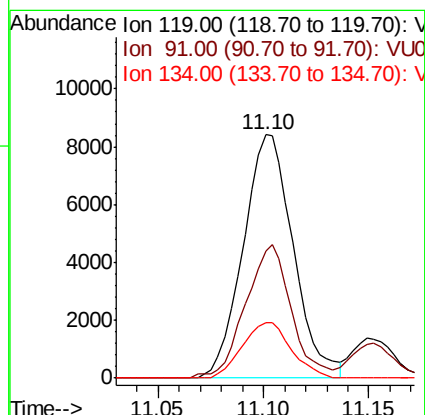
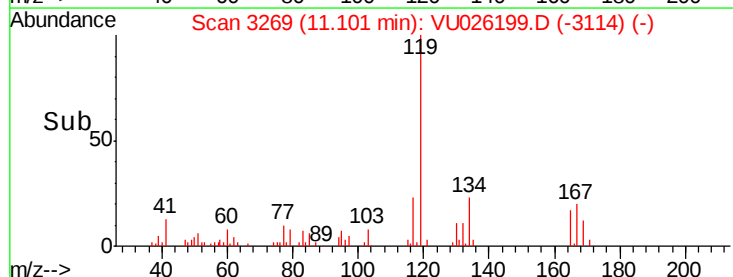
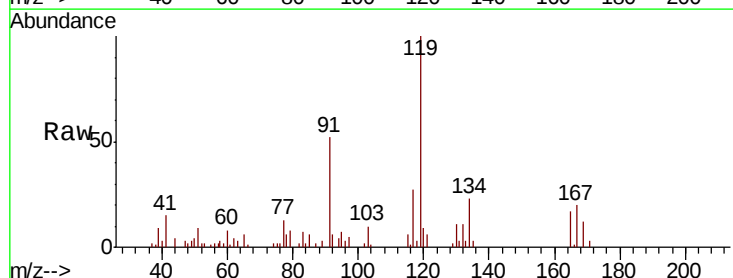
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

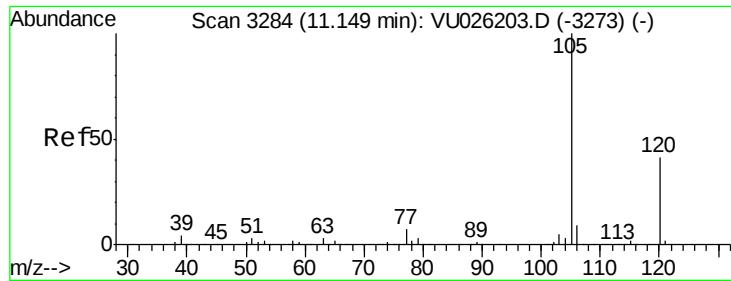
Tgt Ion:126 Resp: 3955
Ion Ratio Lower Upper
126 100
91 346.2 0.0 667.2



#77
tert-Butylbenzene
Concen: 0.381 ug/l
RT: 11.10 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion:119 Resp: 13918
Ion Ratio Lower Upper
119 100
91 49.8 29.6 88.8
134 22.3 19.1 28.7

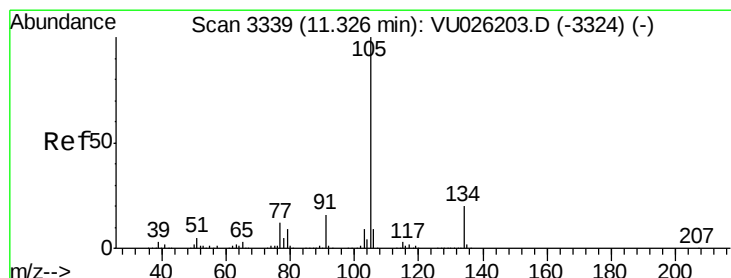
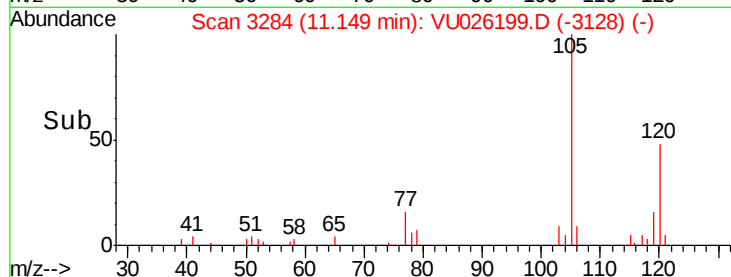
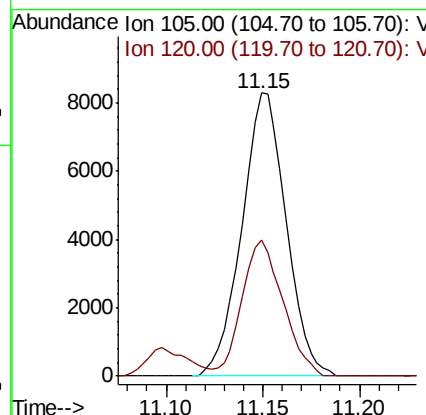
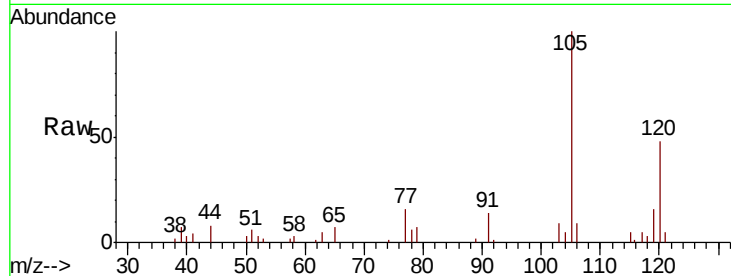




#78
 1,2,4-Trimethylbenzene
 Concen: 0.349 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

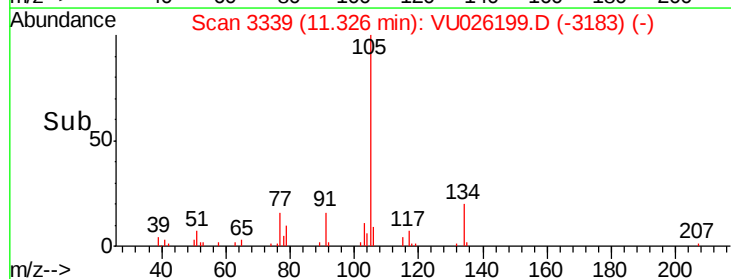
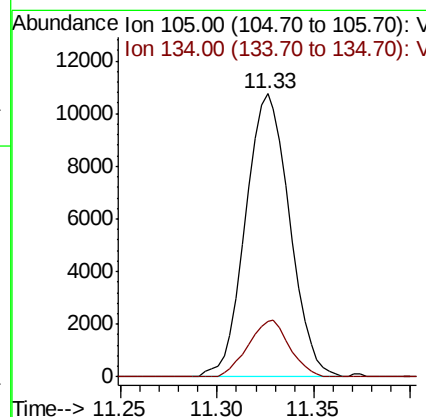
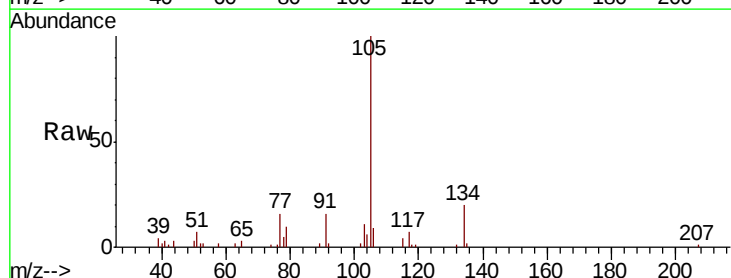
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

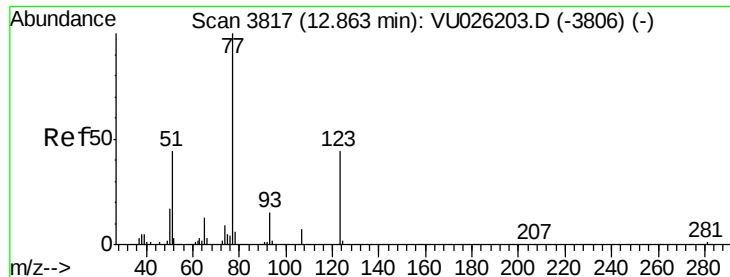
Tgt Ion:105 Resp: 13199
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.1 69.3



#79
 sec-Butylbenzene
 Concen: 0.354 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion:105 Resp: 17026
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.6 23.4





#80

Nitrobenzene

Concen: 3.073 ug/l

RT: 12.87 min Scan# 3819

Delta R.T. 0.01 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

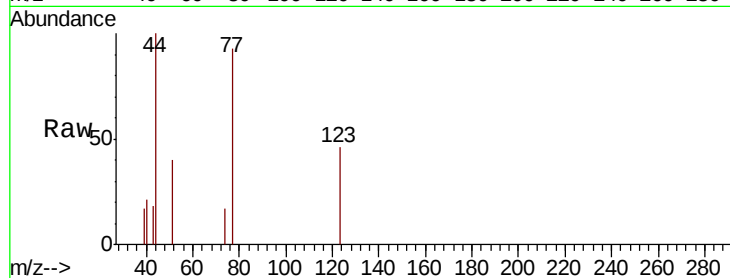
Tgt Ion: 77 Resp: 766

Ion Ratio Lower Upper

77 100

123 56.5 19.4 68.6

65 0.0 11.2 14.2#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

12.87

600

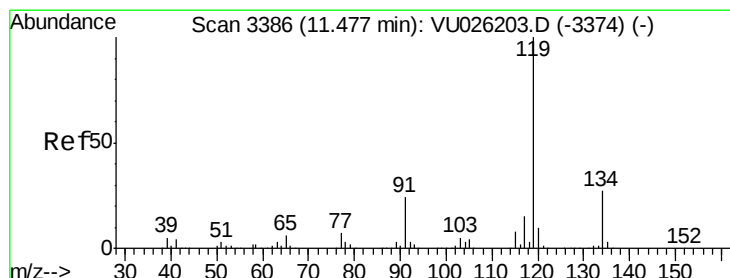
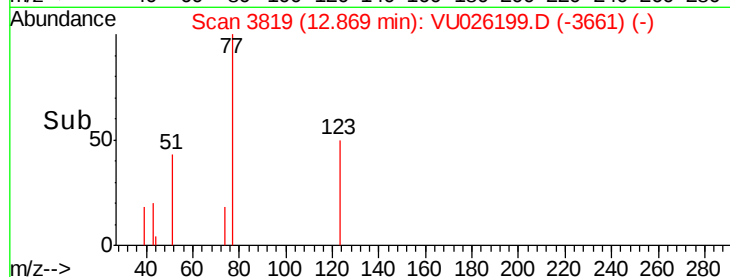
400

200

0

12.85 12.90

Time-->



#81

p-Isopropyltoluene

Concen: 0.327 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

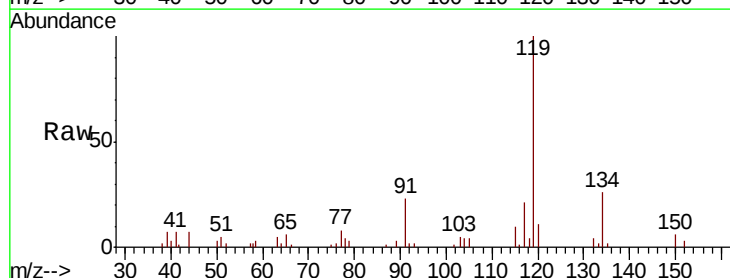
Tgt Ion: 119 Resp: 13340

Ion Ratio Lower Upper

119 100

134 28.6 20.9 31.3

91 24.5 18.2 27.2



Abundance Ion 119.00 (118.70 to 119.70): VU0

Ion 134.00 (133.70 to 134.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

11.48

12000

10000

8000

6000

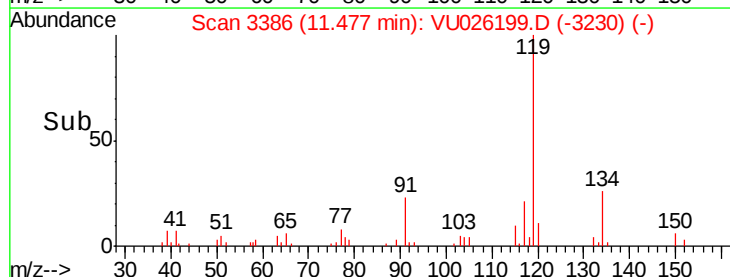
4000

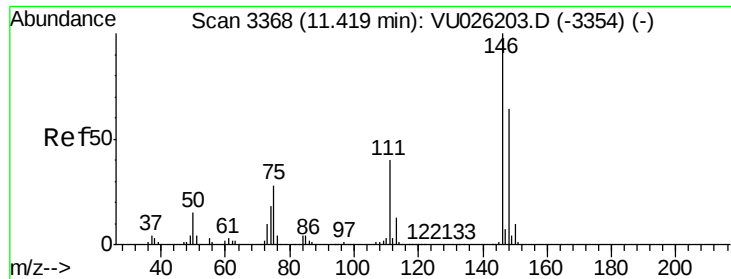
2000

0

11.45 11.50 11.55

Time-->





#82

1,3-Dichlorobenzene

Concen: 0.448 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

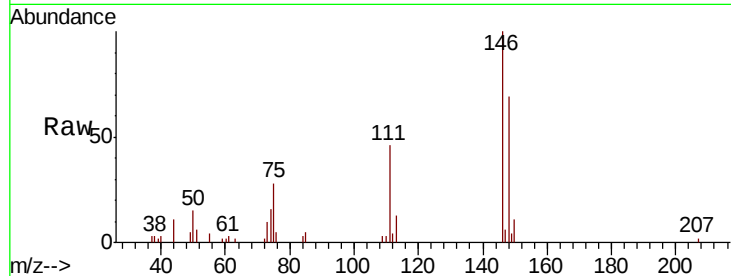
Tgt Ion:146 Resp: 10163

Ion Ratio Lower Upper

146 100

111 40.4 31.8 47.6

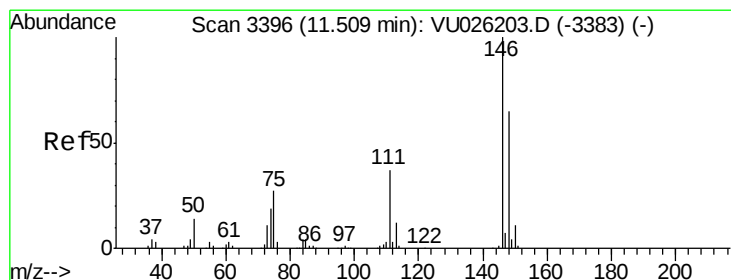
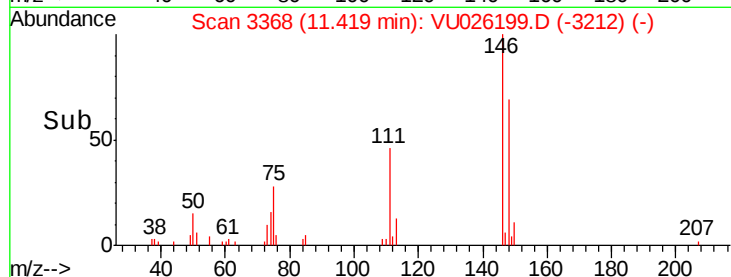
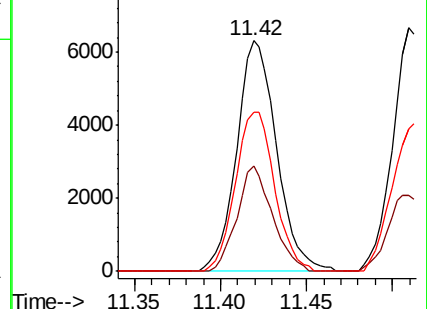
148 67.7 51.0 76.4



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: 0.450 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

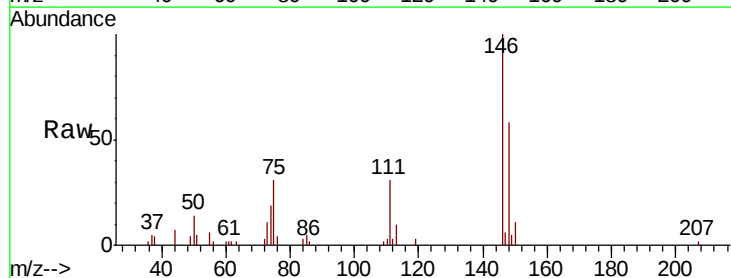
Tgt Ion:146 Resp: 9946

Ion Ratio Lower Upper

146 100

111 35.0 30.1 45.1

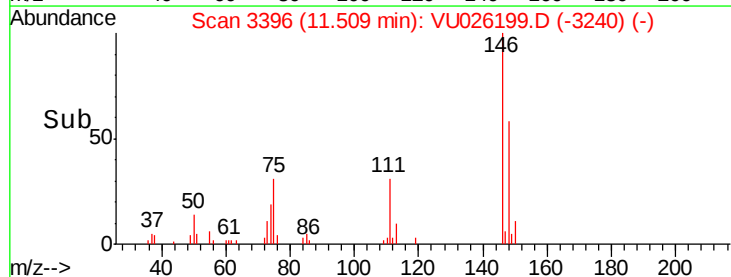
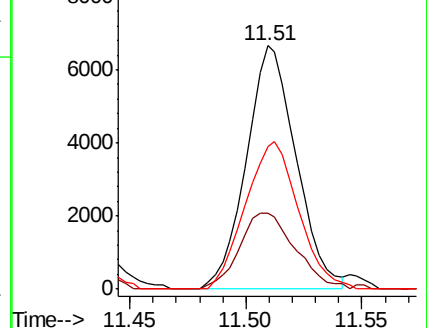
148 64.8 50.6 76.0

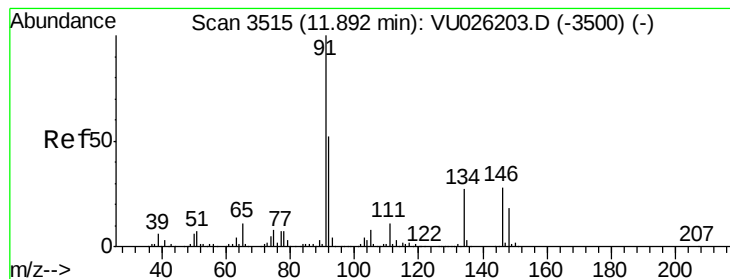


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

n-Butylbenzene

Concen: 0.364 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

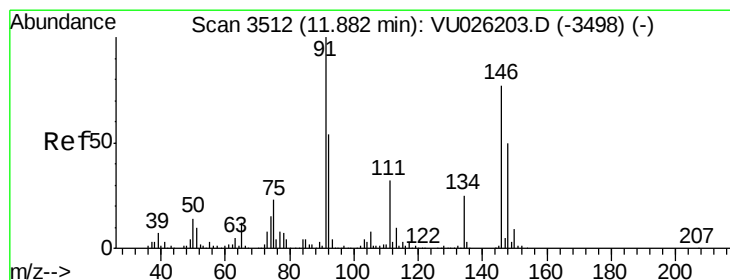
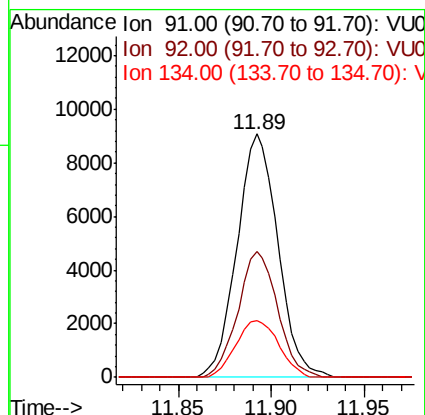
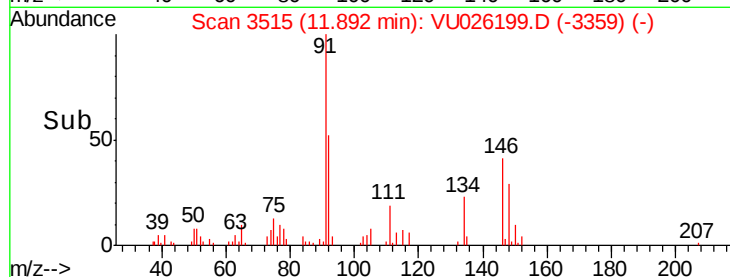
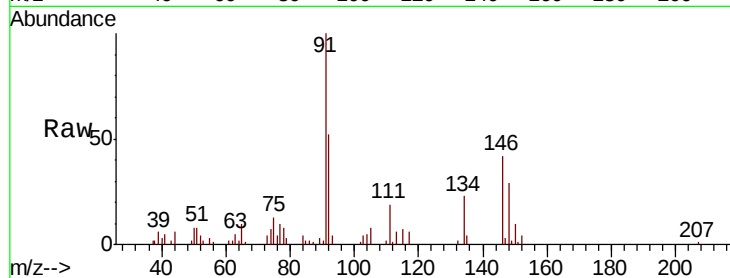
Tgt Ion: 91 Resp: 13901

Ion Ratio Lower Upper

91 100

92 50.2 42.2 63.2

134 24.6 20.3 30.5



#85

1,2-Dichlorobenzene

Concen: 0.466 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026199.D

Acq: 20 Aug 2018 11:12

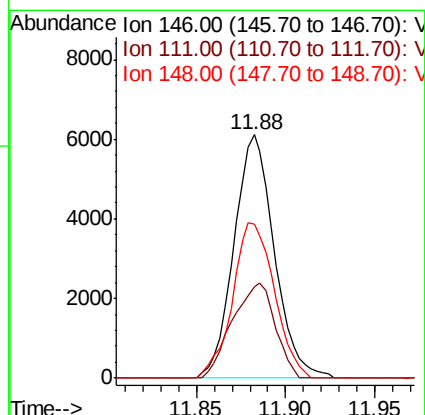
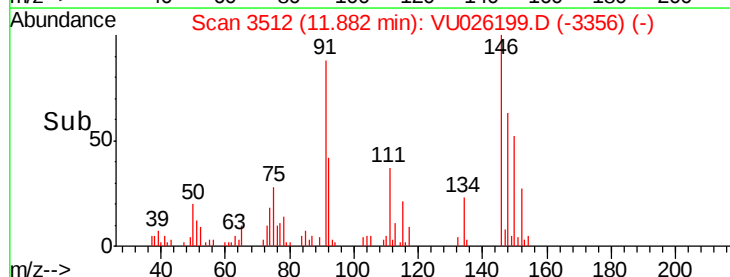
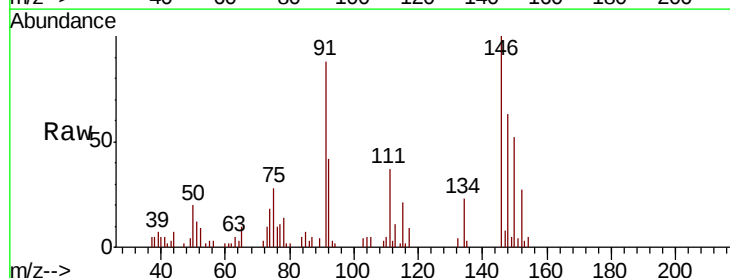
Tgt Ion: 146 Resp: 9641

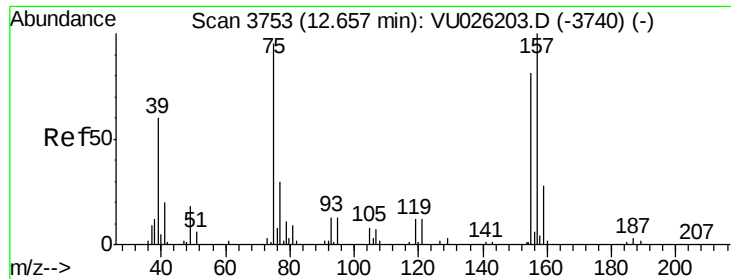
Ion Ratio Lower Upper

146 100

111 41.2 20.7 62.1

148 66.1 31.9 95.5

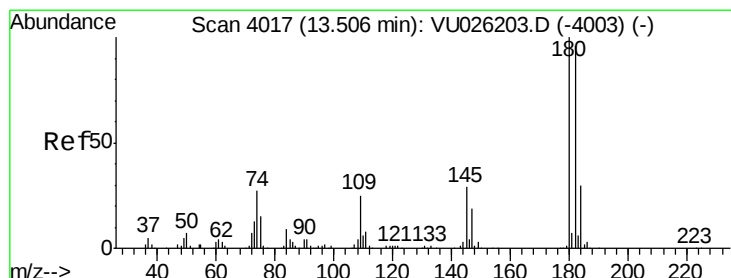
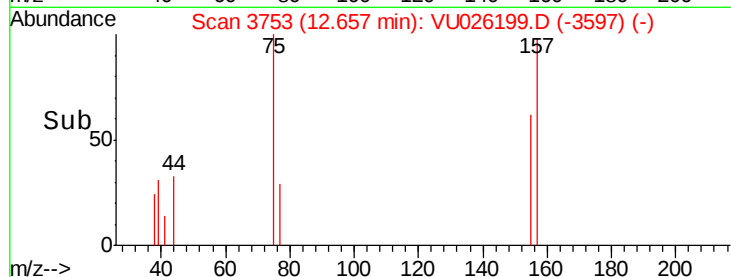
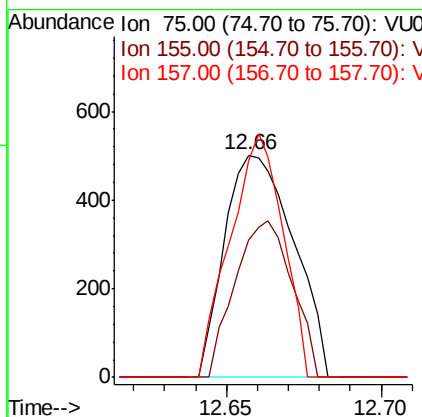
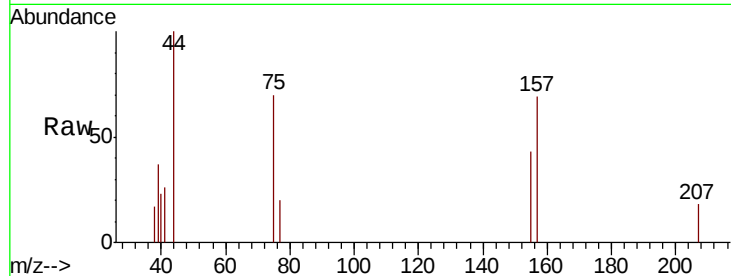




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.577 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

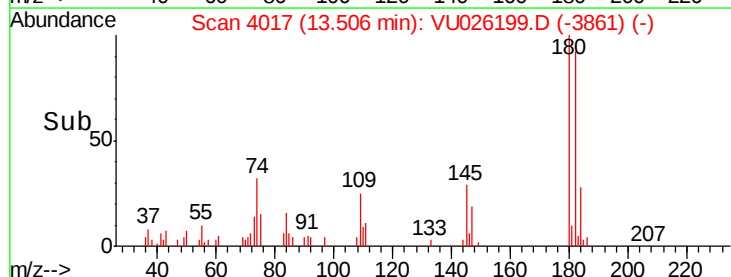
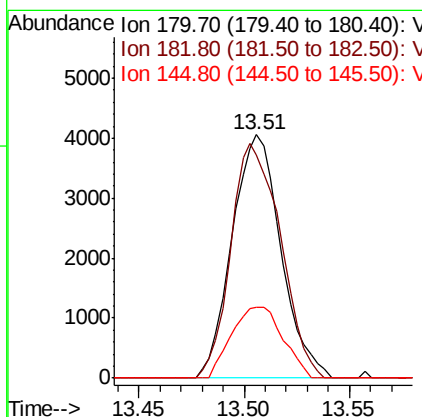
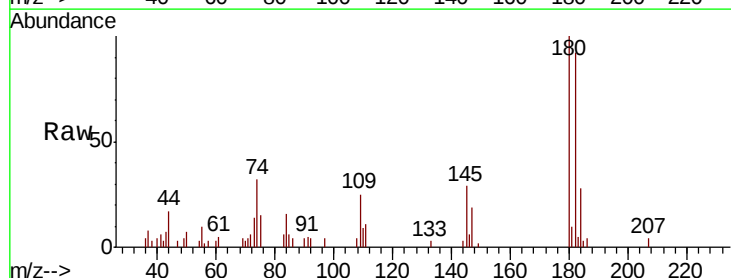
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

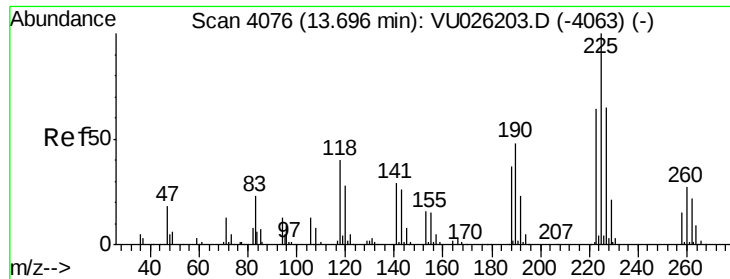
Tgt Ion: 75 Resp: 779
 Ion Ratio Lower Upper
 75 100
 155 58.5 65.8 98.6#
 157 83.8 83.5 125.3



#87
 1,2,4-Trichlorobenzene
 Concen: 0.453 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Tgt Ion: 180 Resp: 6525
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.1 115.7
 145 30.5 23.3 34.9

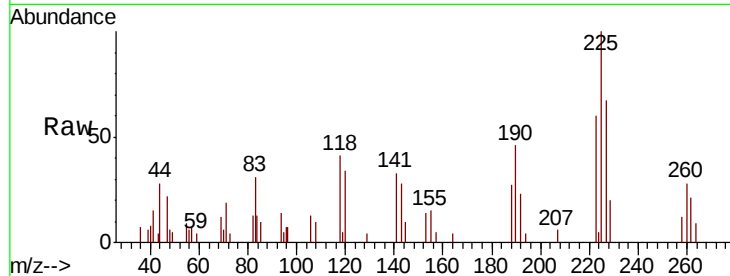




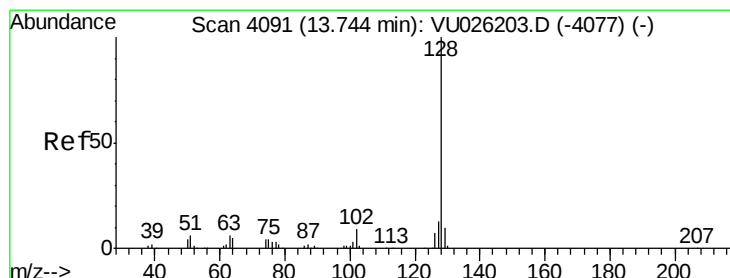
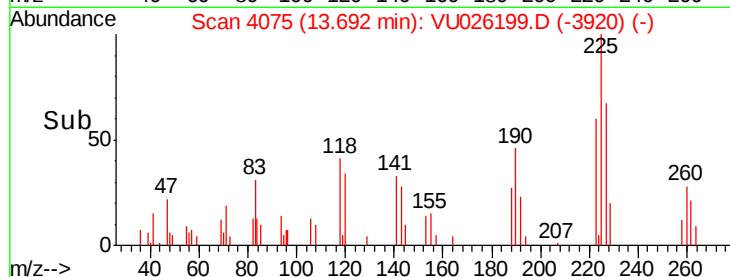
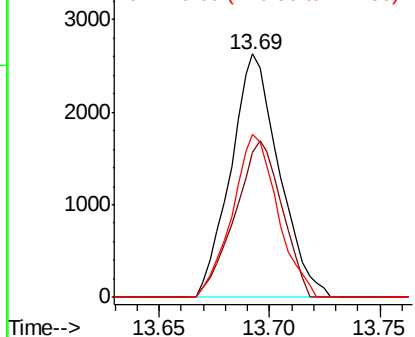
#88
Hexachlorobutadiene
Concen: 0.450 ug/l
RT: 13.69 min Scan# 4075
Delta R.T. -0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 225 Resp: 3985
Ion Ratio Lower Upper
225 100
223 62.5 50.6 75.8
227 62.9 51.8 77.6

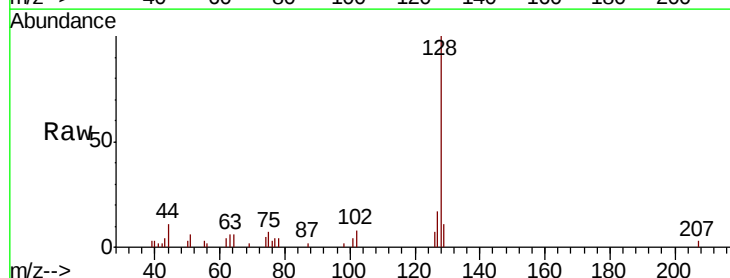


Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V

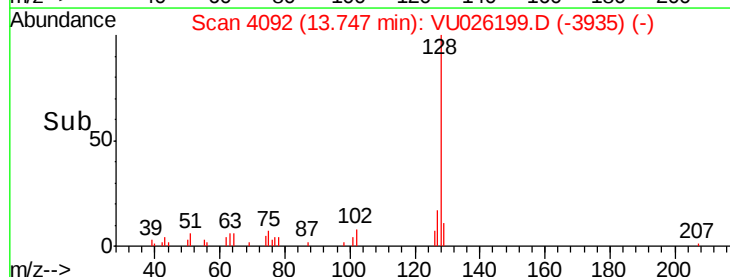
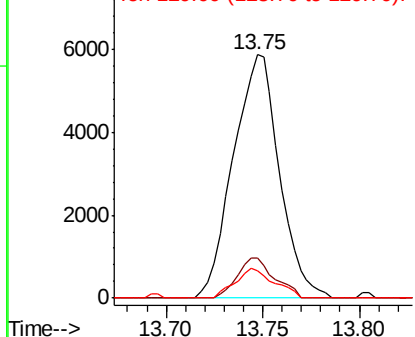


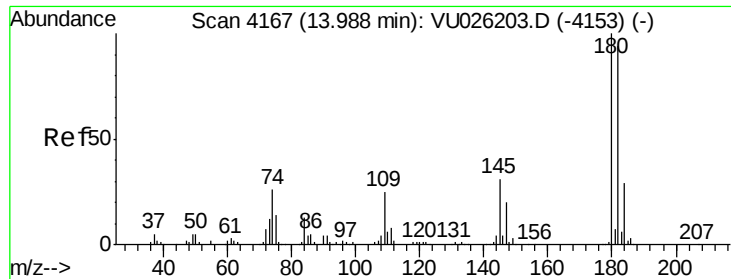
#89
Naphthalene
Concen: 0.417 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU026199.D
Acq: 20 Aug 2018 11:12

Tgt Ion: 128 Resp: 9751
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.3 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

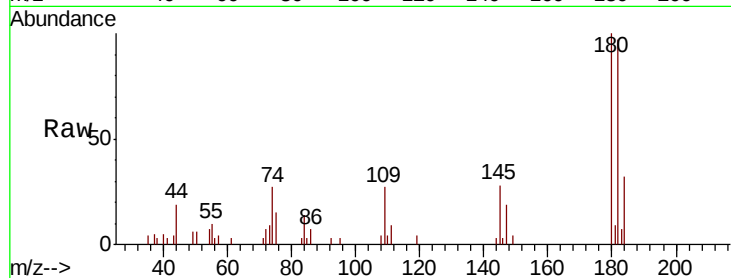




#90
 1,2,3-Trichlorobenzene
 Concen: 0.467 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU026199.D
 Acq: 20 Aug 2018 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
145	30.0	24.6	36.8



Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

