Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019843.D
Acq On : 10 Dec 2020 23:15
Operator : JC/MD
Sample : PB133508TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133508TB

Quant Time: Dec 11 02:46:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.62	168	339203	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	562307	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	518124	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222537	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	211121	47.36	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.72%				
35) Dibromofluoromethane	5.46	113	172766	47.54	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.08%				
50) Toluene-d8	8.70	98	682942	49.22	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.44%				
62) 4-Bromofluorobenzene	11.12	95	240321	45.51	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.02%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	871	0.681	ug/l		89
6) Chloroethane	1.70	64	547	0.236	ug/l	#	43
10) Methyl Iodide	2.49	142	2454	0.542	ug/l		97
11) Tert butyl alcohol	2.99	59	5532	3.459	ug/l	#	80
13) Acrolein	2.27	56	334	0.679	ug/l	#	9
15) Acrylonitrile	3.12	53	1055	0.523	ug/l	#	81
16) Acetone	2.42	43	30014	17.911	ug/l		95
17) Carbon Disulfide	2.55	76	2567	0.288	ug/l	#	85
18) Methyl Acetate	2.75	43	2027	0.494	ug/l	#	89
20) Methylene Chloride	2.83	84	70412	17.481	ug/l		98
25) 2-Butanone	4.64	43	5041	1.958	ug/l		90
29) Tetrahydrofuran	5.10	42	1637	0.987	ug/l	#	73
36) 1,1-Dichloropropene	5.63	75	25586	5.035	ug/l	#	48
38) Carbon Tetrachloride	5.63	117	32785	6.589	ug/l	#	17
43) Isopropyl Acetate	6.41	43	22141	2.655	ug/l		99
48) Methyl methacrylate	7.65	41	5674	1.383	ug/l	#	10
49) 1,4-Dioxane	7.72	88	136	1.369	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	76890	15.099	ug/l	#	48
54) cis-1,3-Dichloropropene	8.59	75	39683	6.332	ug/l	#	61
57) 1,3-Dichloropropane	9.52	76	25041	3.749	ug/l	#	43
58) 2-Chloroethyl Vinyl ether	8.30	63	725	0.231	ug/l		100
59) 2-Hexanone	9.52	43	304466	77.134	ug/l	#	47
76) 1,2,3-Trichloropropane	11.12	75	116277	23.297	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	116277	67.347	ug/l	#	12
87) 1,3-Dichlorobenzene	12.01	146	1846	0.259	ug/l		93
88) 1,4-Dichlorobenzene	12.01	146	1846	0.254	ug/l		93
89) n-Butylbenzene	12.37	91	2828	0.242	ug/l		96
93) 1,2,4-Trichlorobenzene	13.63	180	2135	0.471	ug/l		97
94) Hexachlorobutadiene	13.76	225	949	0.469	ug/l		98
95) Naphthalene	13.82	128	3736	0.254	ug/l		98
96) 1,2,3-Trichlorobenzene	14.00	180	1785	0.403	ug/l		94

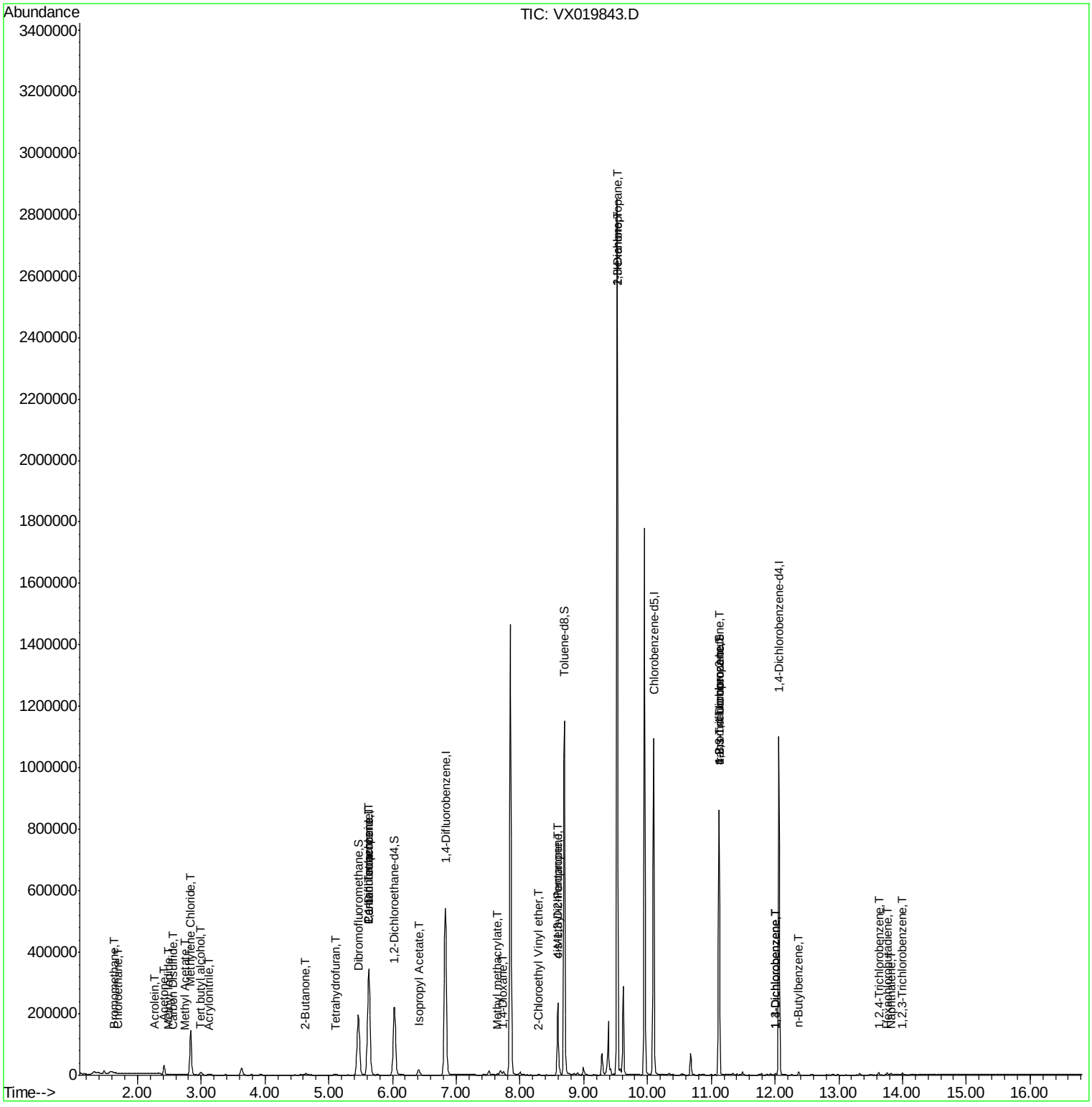
(#) = qualifier out of range (m) = manual integration (+) = signals summed

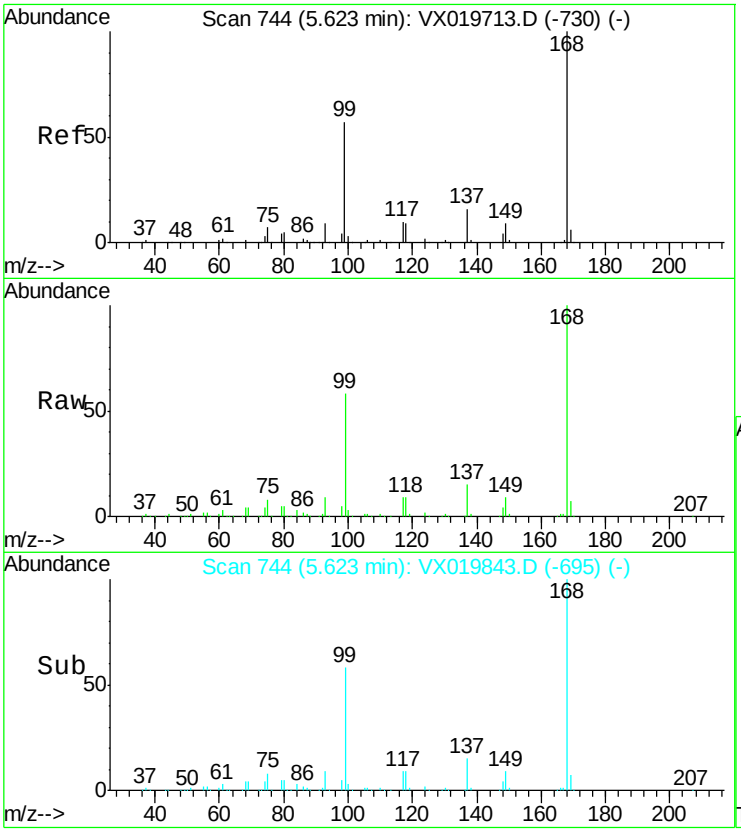
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019843.D
Acq On : 10 Dec 2020 23:15
Operator : JC/MD
Sample : PB133508TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Quant Time: Dec 11 02:46:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



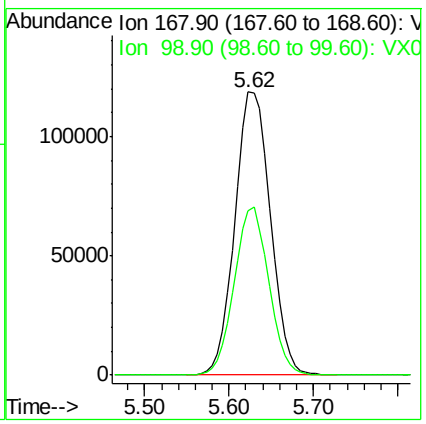


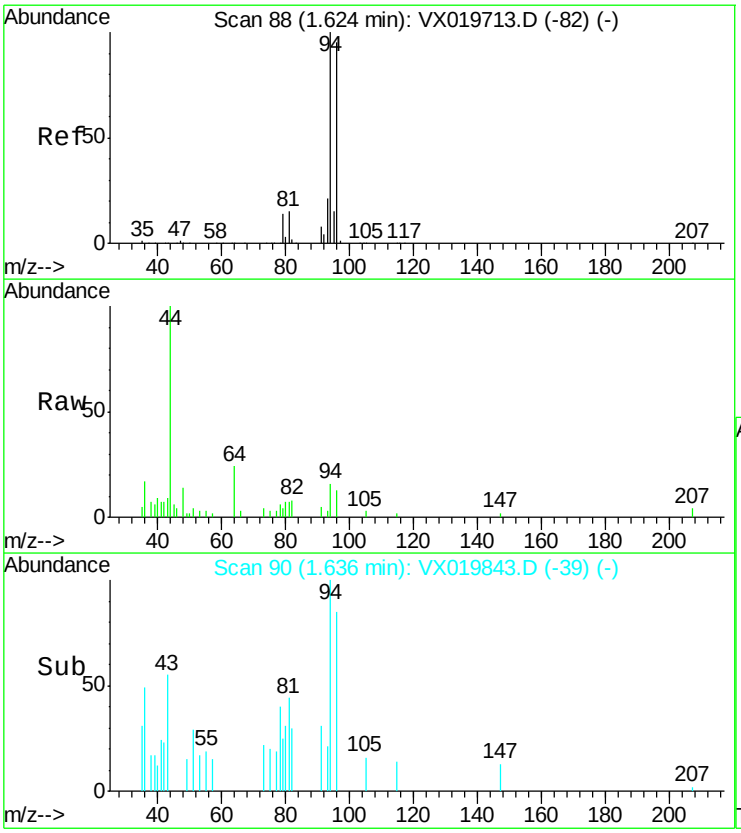
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion:168 Resp: 339203

Ion	Ratio	Lower	Upper
168	100		
99	57.9	45.8	68.6

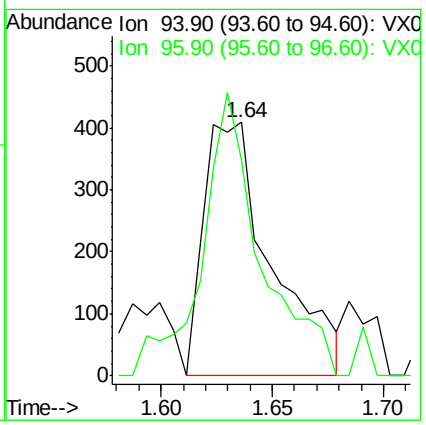


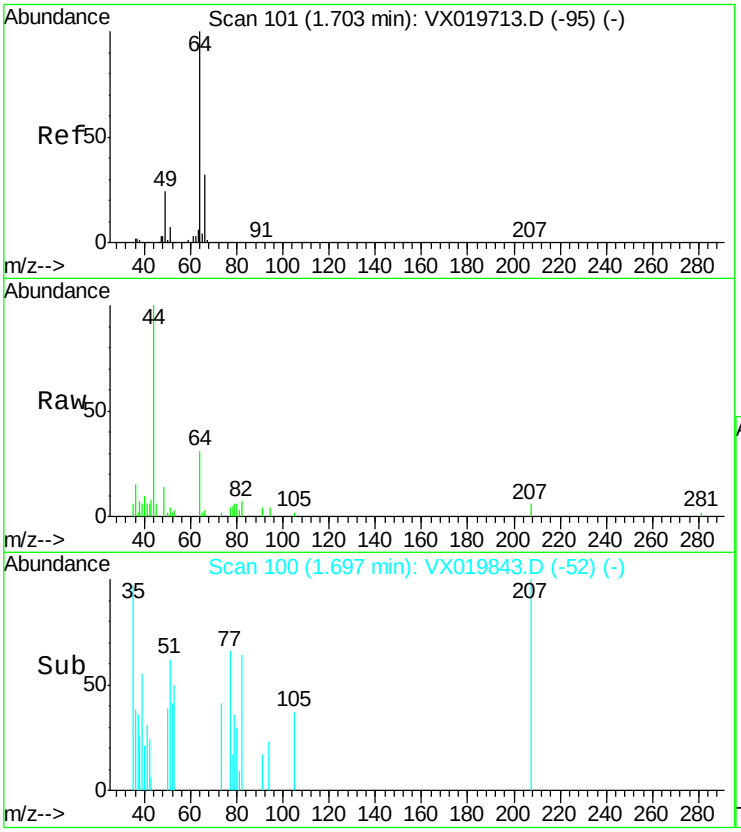


#5
Bromomethane
Concen: 0.681 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 94 Resp: 871

Ion	Ratio	Lower	Upper
94	100		
96	85.1	76.4	114.6



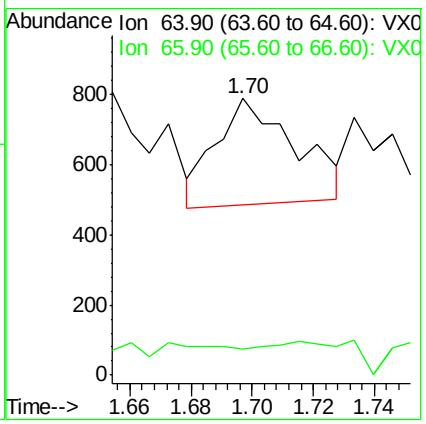


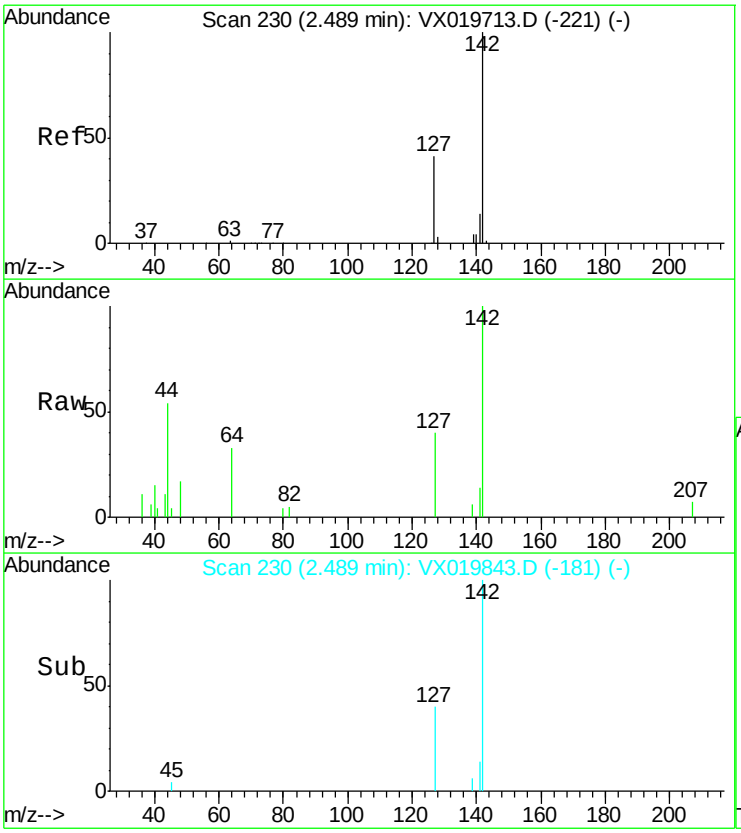
#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.70 min Scan# 100
Delta R.T. -0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument : MSVOA_X
ClientSampleId : PB133508TB

Tgt Ion: 64 Resp: 547

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#

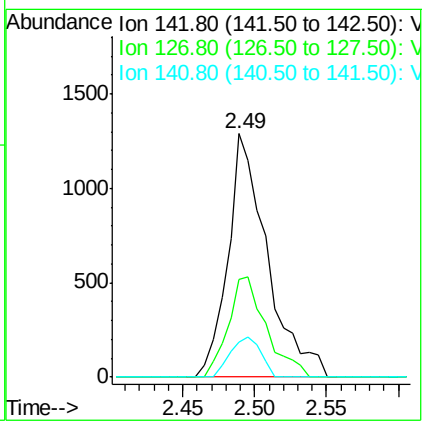


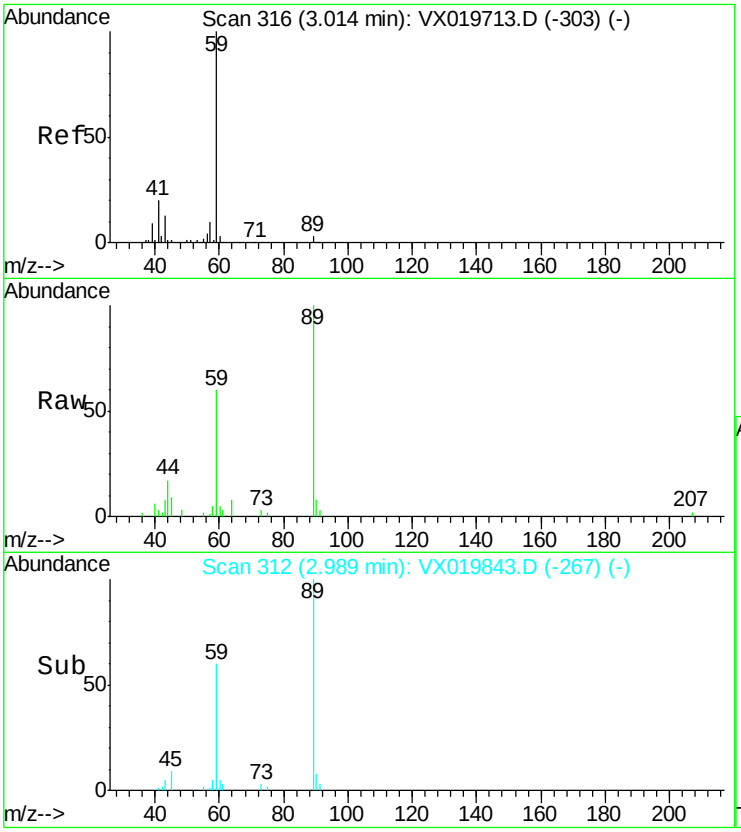


#10
Methyl Iodide
Concen: 0.542 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion:142 Resp: 2454

Ion	Ratio	Lower	Upper
142	100		
127	39.6	33.3	49.9
141	12.8	11.4	17.0



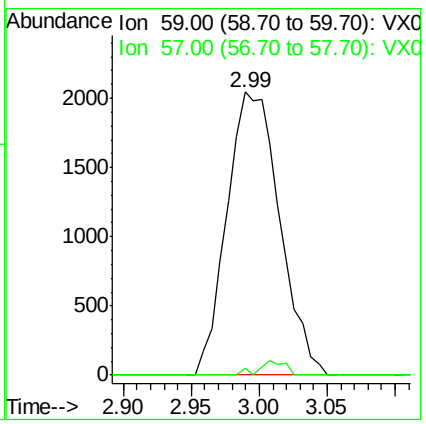


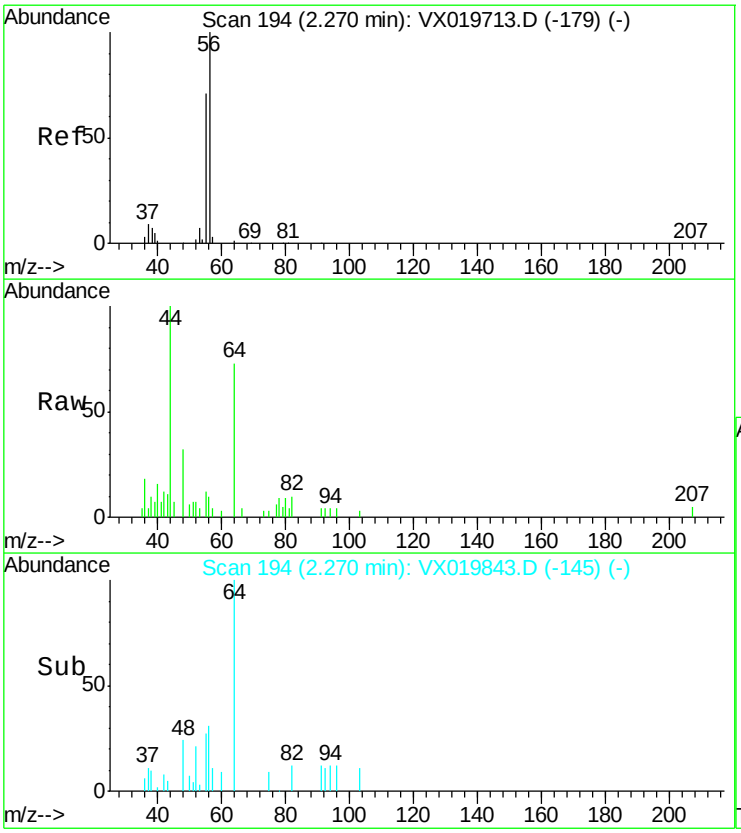
#11
Tert butyl alcohol
Concen: 3.459 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 59 Resp: 5532

Ion	Ratio	Lower	Upper
59	100		
57	2.6	7.8	11.8#

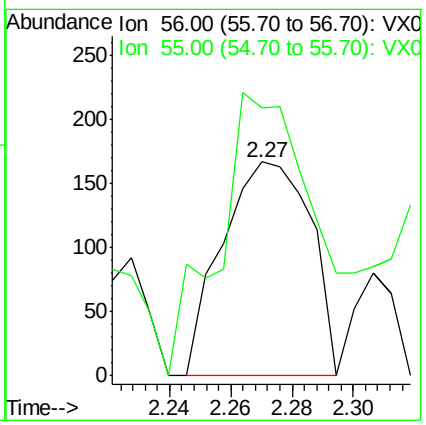


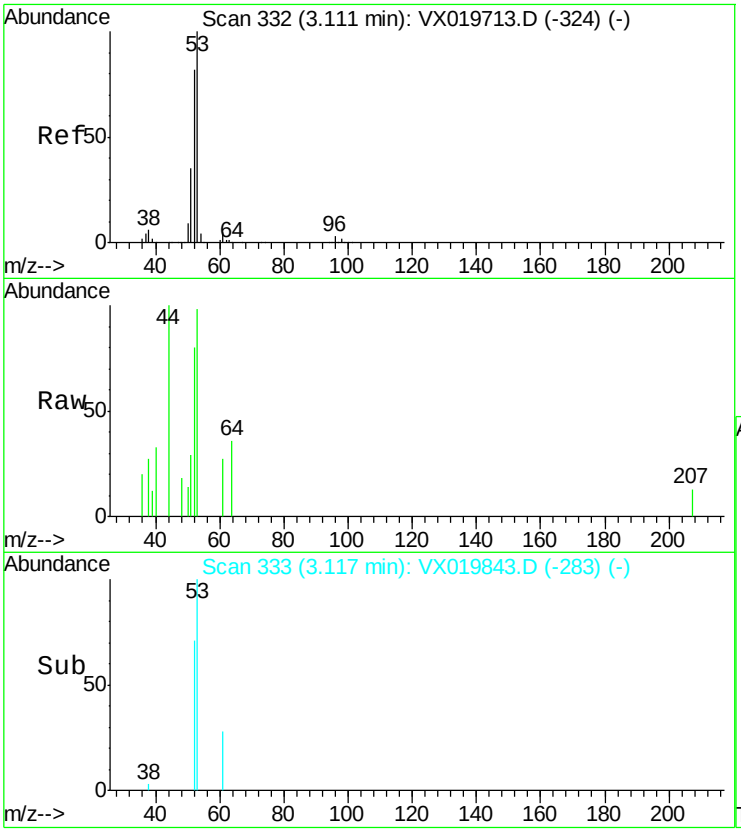


#13
Acrolein
Concen: 0.679 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 56 Resp: 334

Ion	Ratio	Lower	Upper
56	100		
55	145.5	56.4	84.6#



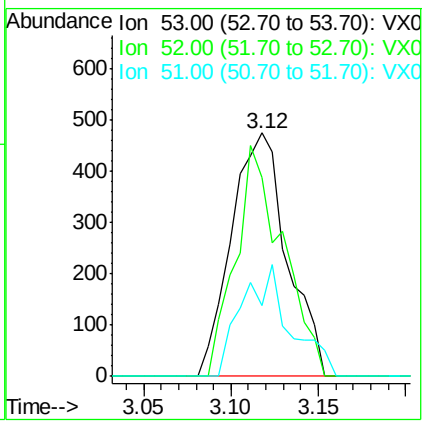


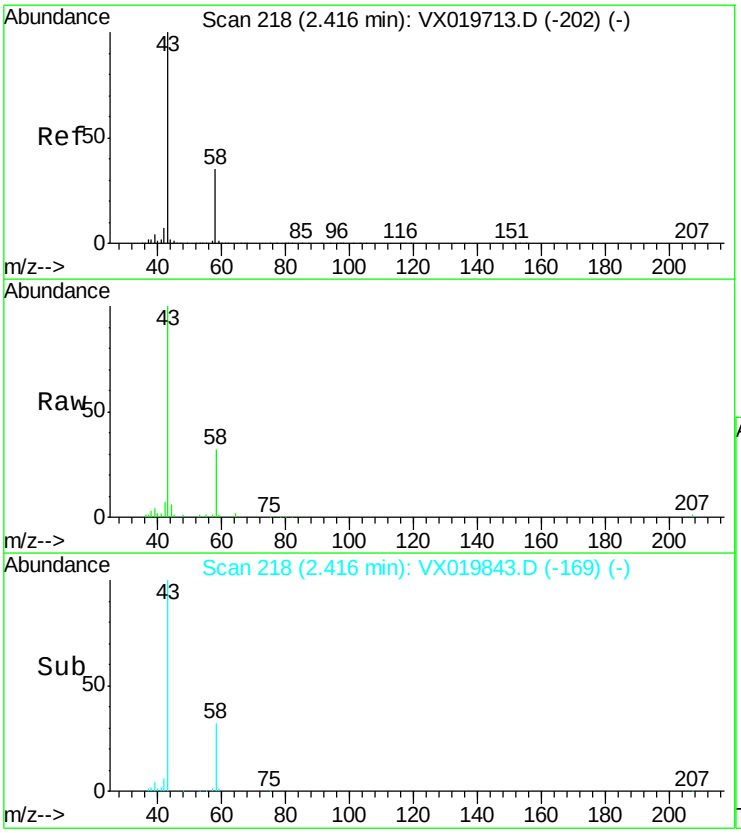
#15
Acrylonitrile
Concen: 0.523 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument : MSVOA_X
ClientSampleId : PB133508TB

Tgt Ion: 53 Resp: 1055

Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.3	97.9
51	0.0	28.2	42.2#

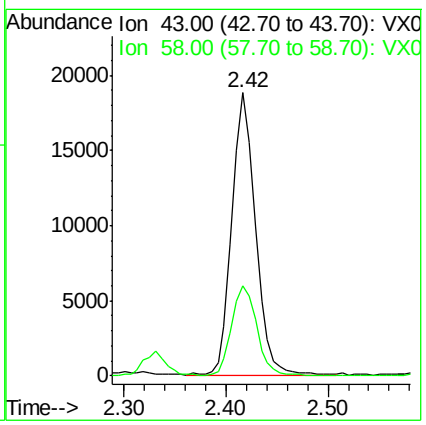


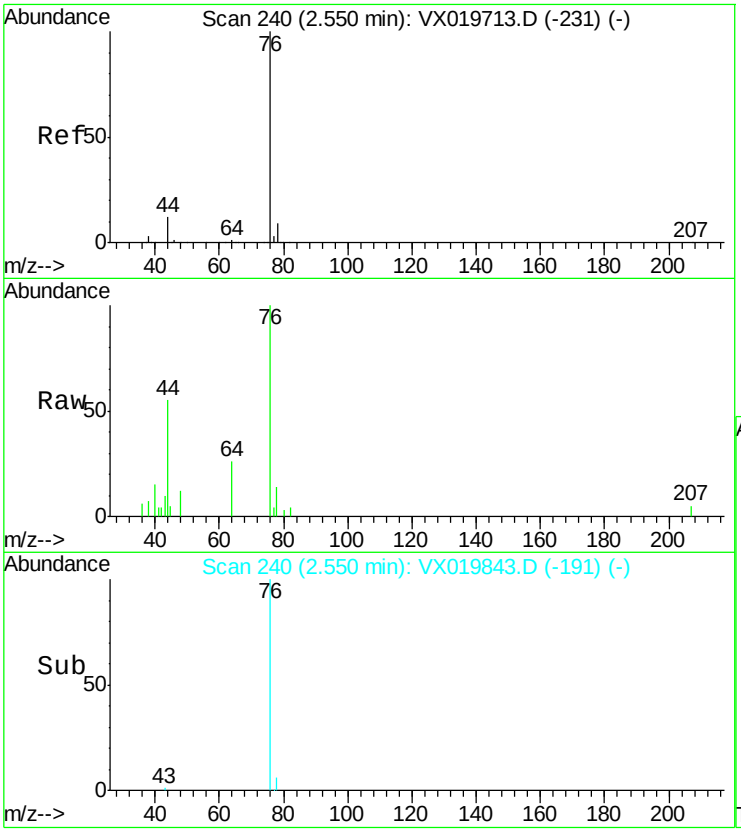


#16
Acetone
Concen: 17.911 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 43 Resp: 30014

Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.8	41.8



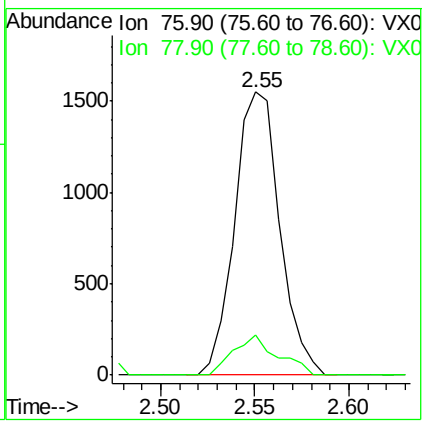


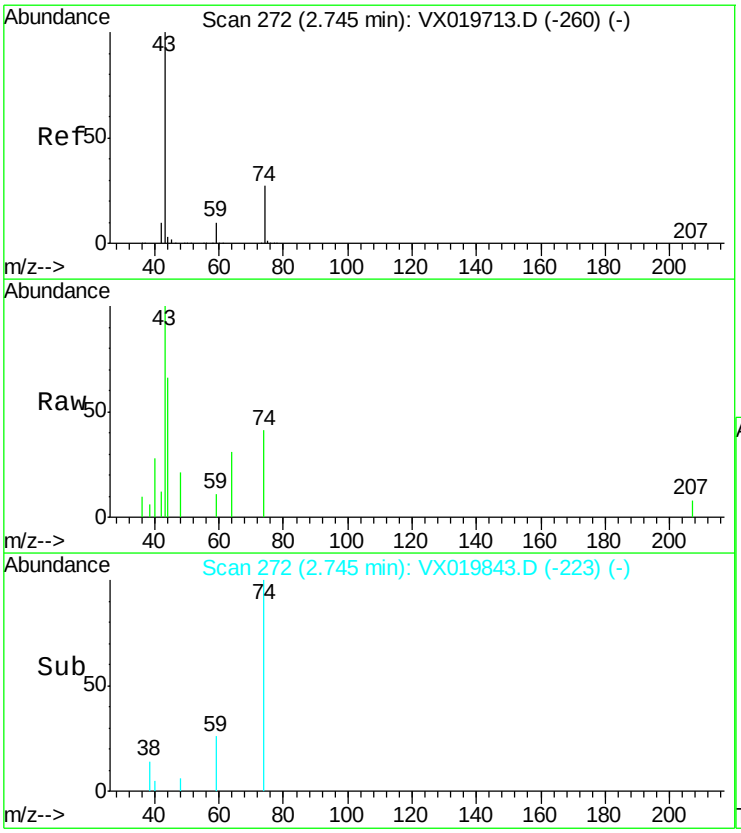
#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 76 Resp: 2567

Ion	Ratio	Lower	Upper
76	100		
78	14.3	7.2	10.8#

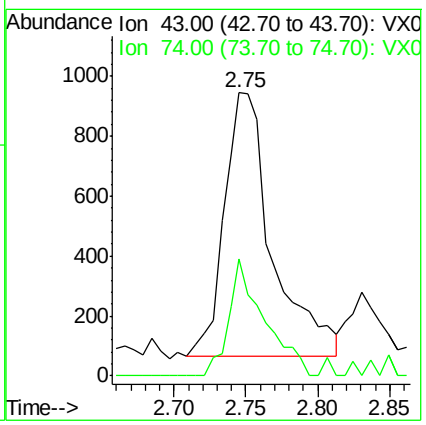


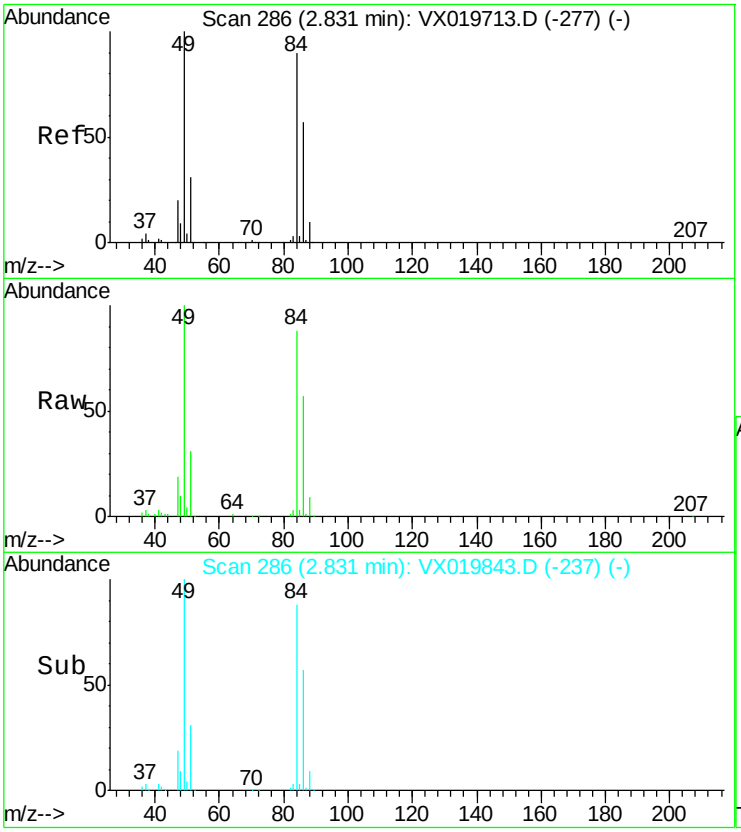


#18
Methyl Acetate
Concen: 0.494 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 43 Resp: 2027

Ion	Ratio	Lower	Upper
43	100		
74	33.2	21.9	32.9#



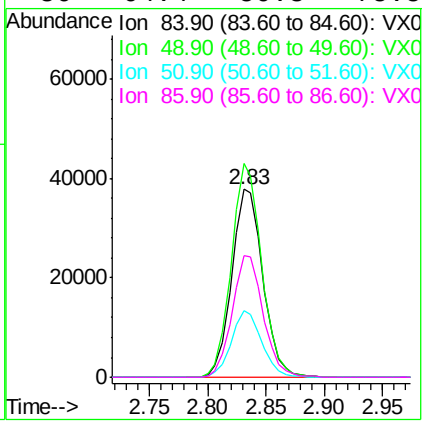


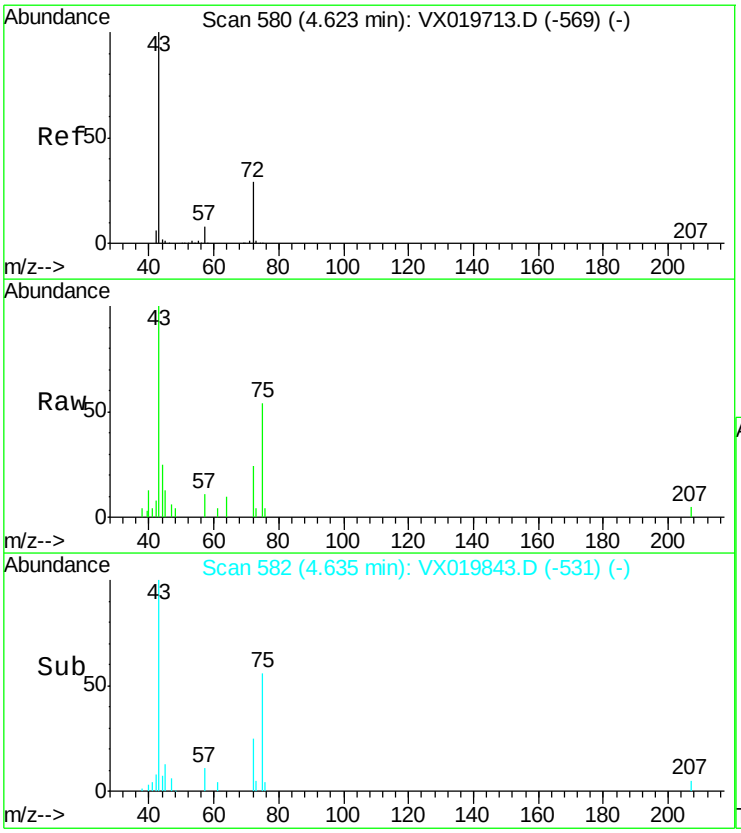
#20
Methylene Chloride
Concen: 17.481 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 84 Resp: 70412

Ion	Ratio	Lower	Upper
84	100		
49	113.6	88.6	132.8
51	35.4	27.0	40.6
86	64.4	50.3	75.5

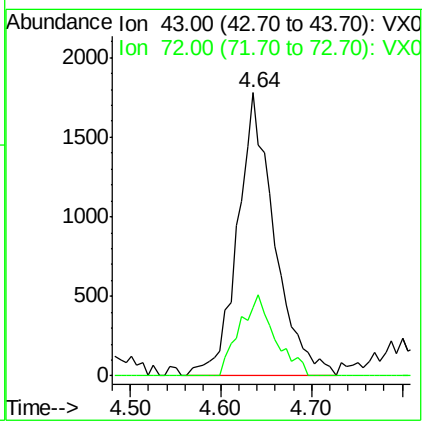


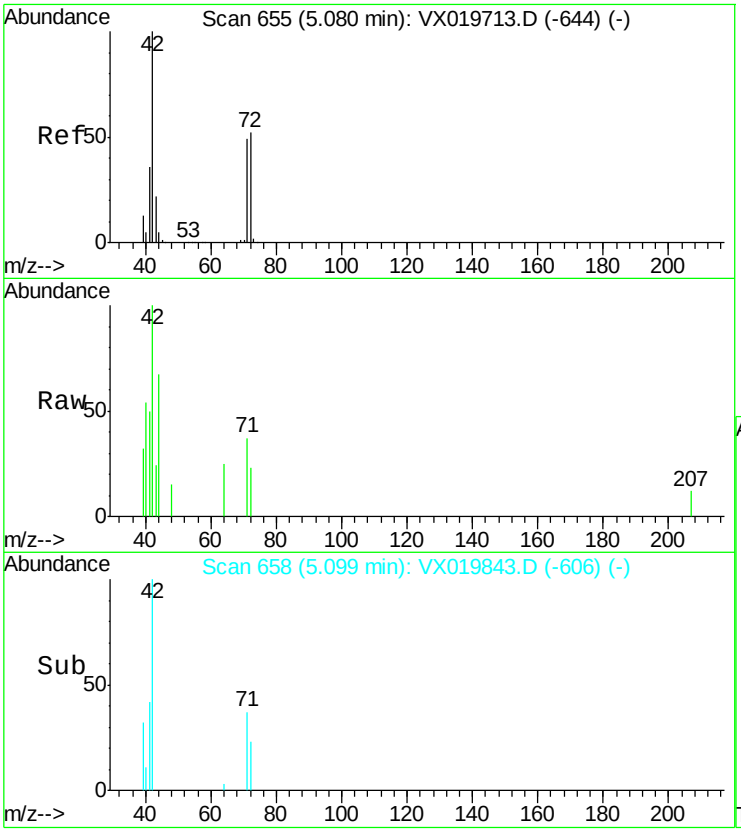


#25
2-Butanone
Concen: 1.958 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 43 Resp: 5041

Ion	Ratio	Lower	Upper
43	100		
72	24.4	23.7	35.5



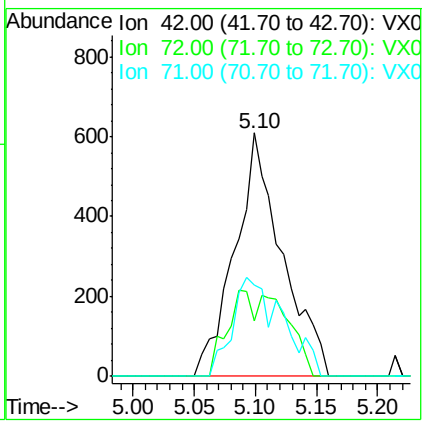


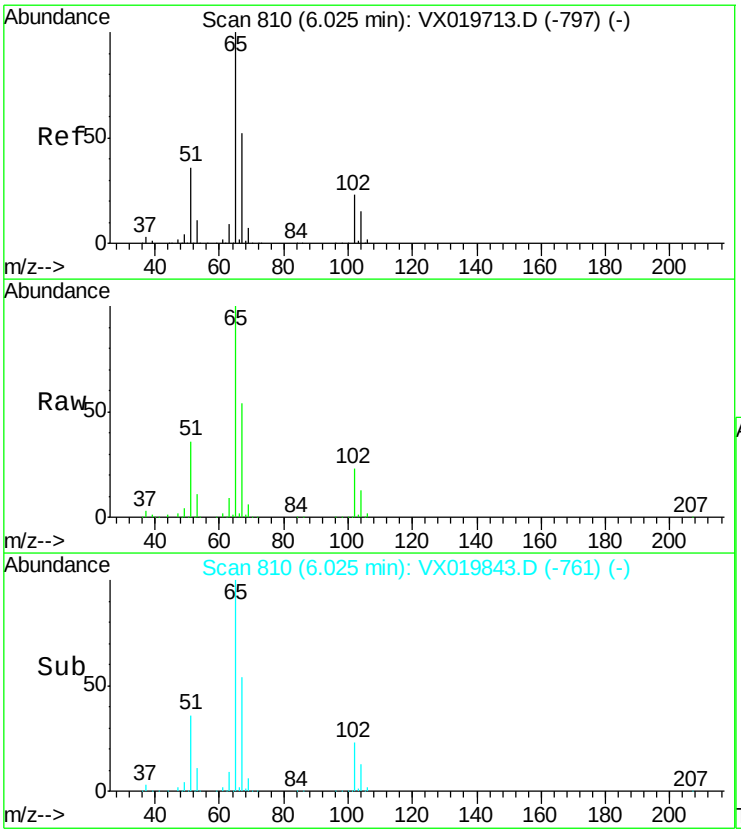
#29
Tetrahydrofuran
Concen: 0.987 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 42 Resp: 1637

Ion	Ratio	Lower	Upper
42	100		
72	19.9	41.7	62.5#
71	42.9	38.4	57.6

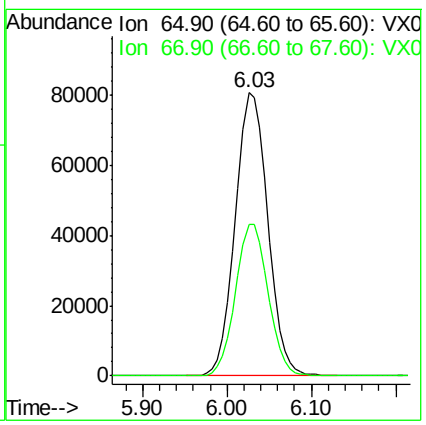


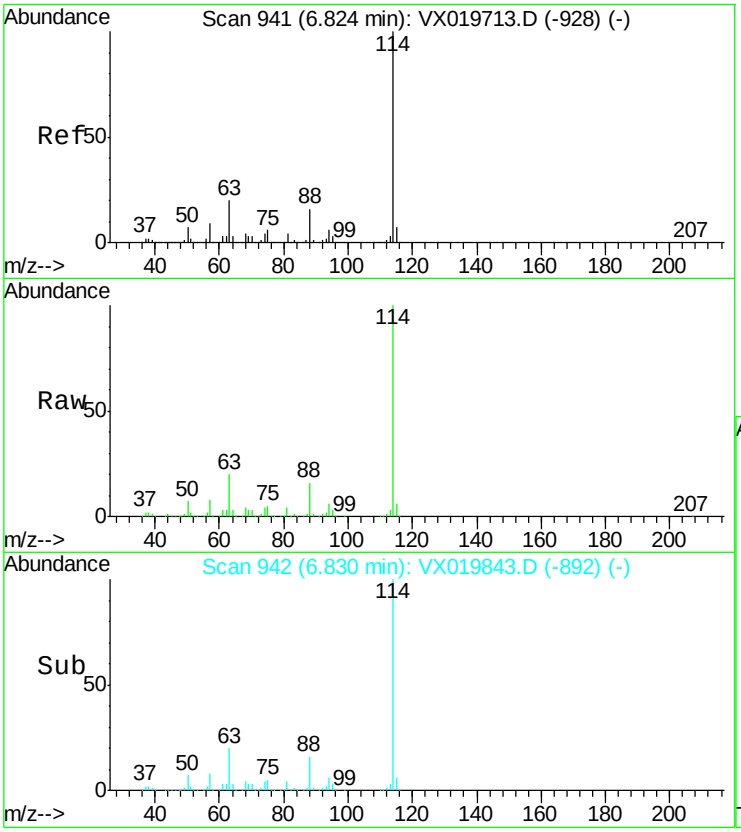


#33
1,2-Dichloroethane-d4
Concen: 47.356 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 65 Resp: 211121

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.4



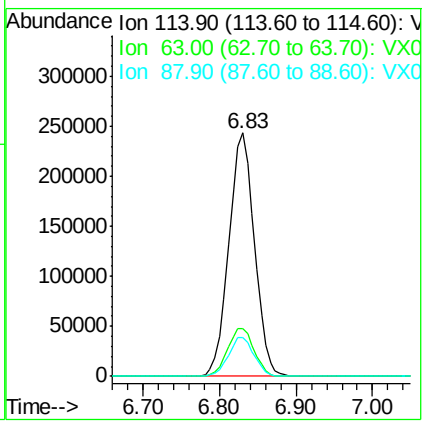


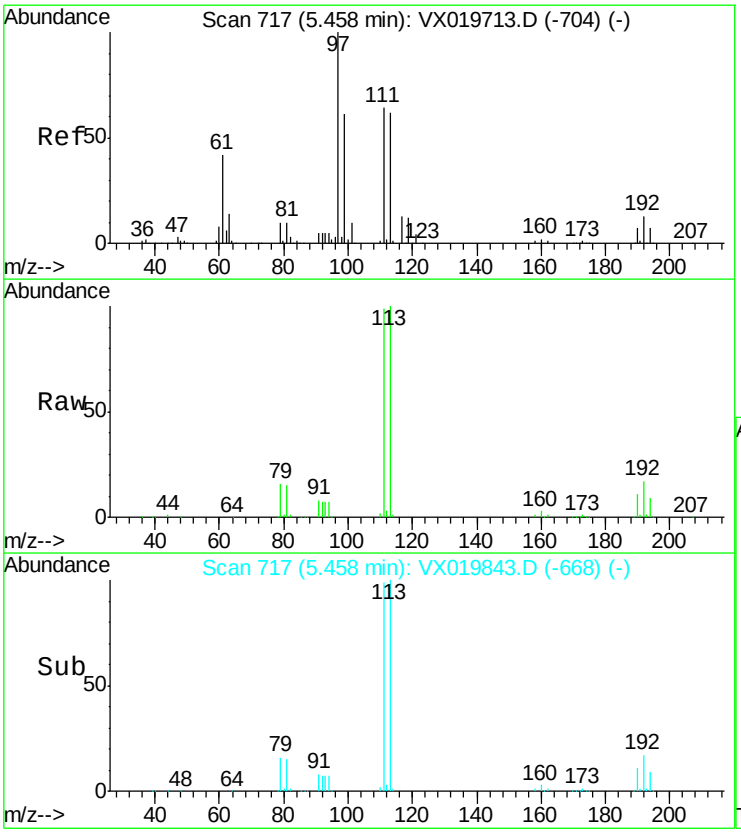
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion:114 Resp: 562307

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.7	0.0	32.8

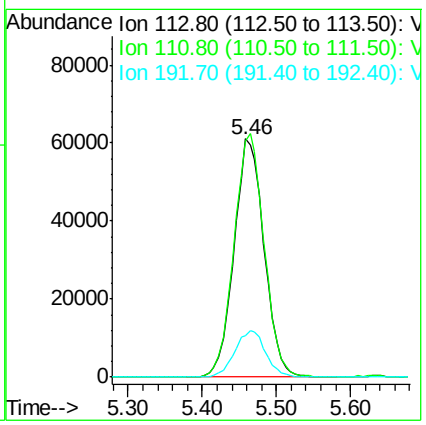


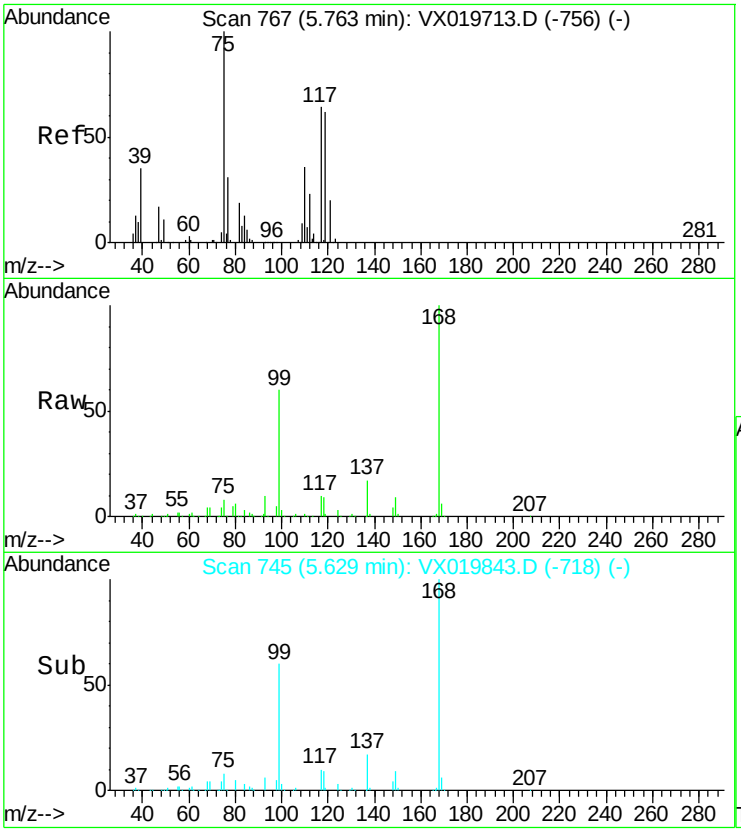


#35
Dibromofluoromethane
Concen: 47.540 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion:113 Resp: 172766

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	19.9	16.7	25.1



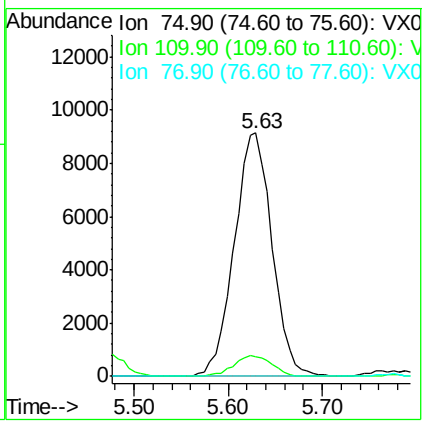


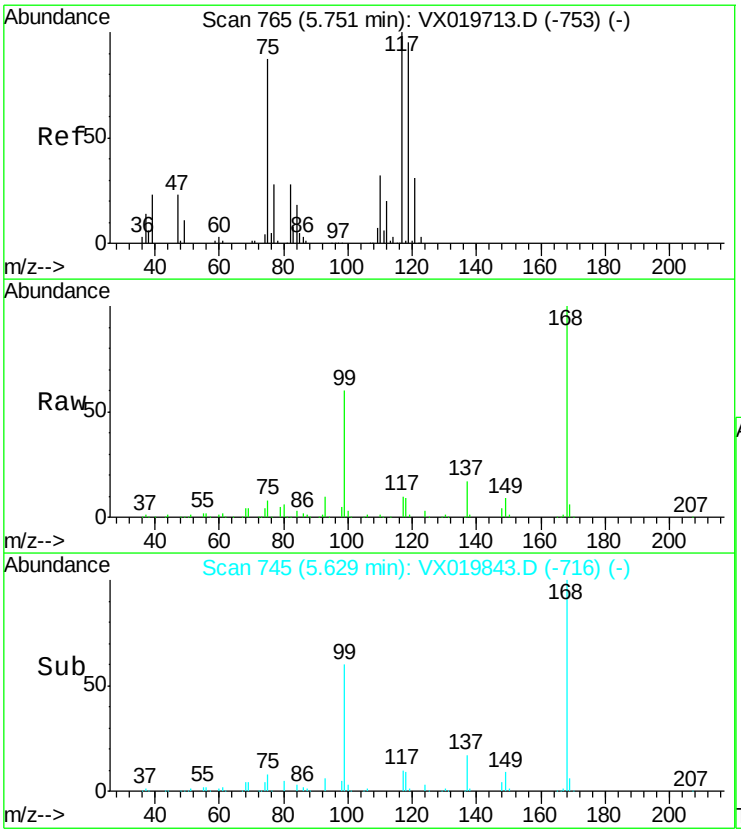
#36
1,1-Dichloropropene
Concen: 5.035 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument : MSVOA_X
ClientSampleId : PB133508TB

Tgt Ion: 75 Resp: 25586

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#

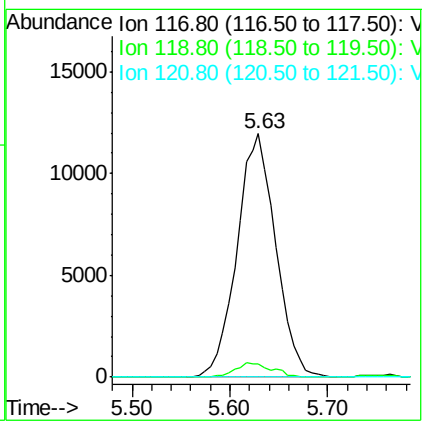


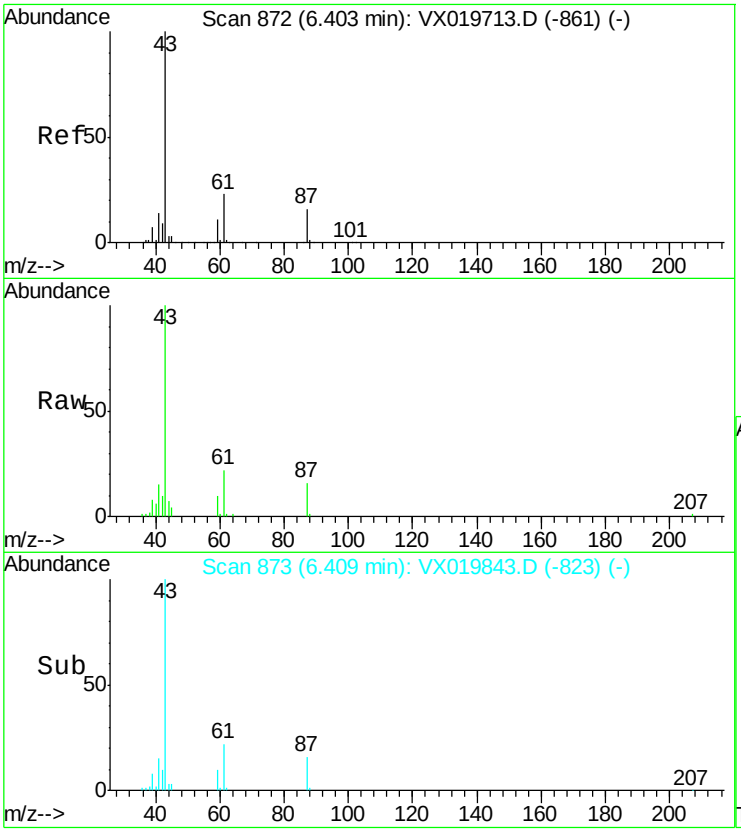


#38
Carbon Tetrachloride
Concen: 6.589 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion:117 Resp: 32785

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.2	114.2#
121	0.0	24.8	37.2#



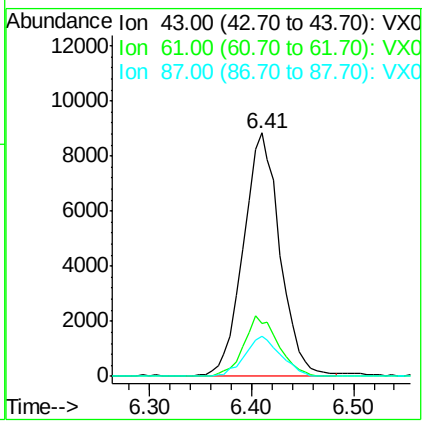


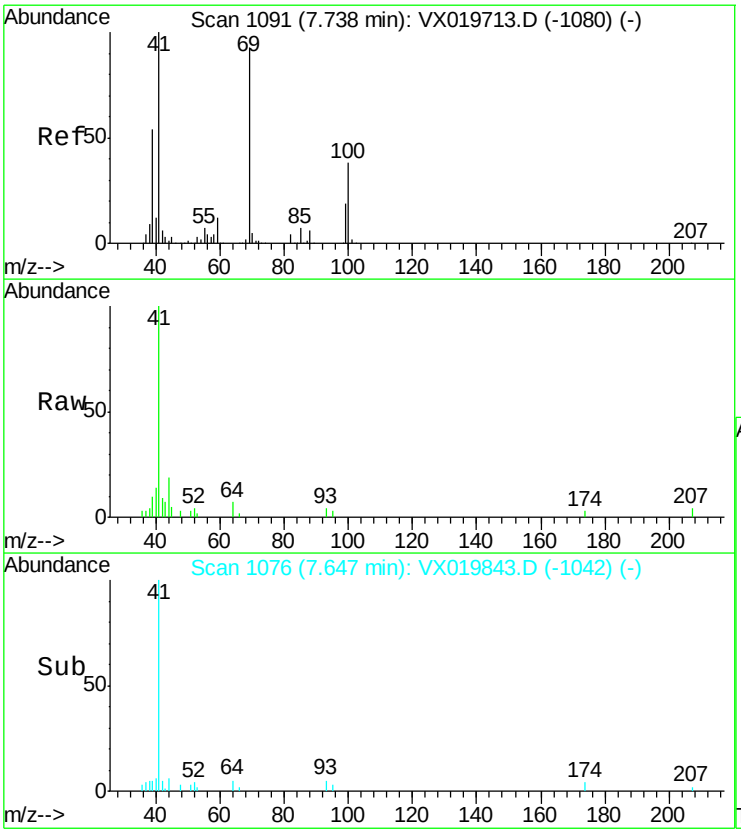
#43
Isopropyl Acetate
Concen: 2.655 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 43 Resp: 22141

Ion	Ratio	Lower	Upper
43	100		
61	23.2	18.2	27.4
87	15.9	12.5	18.7

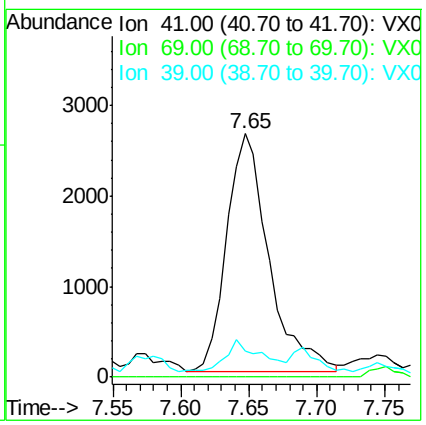


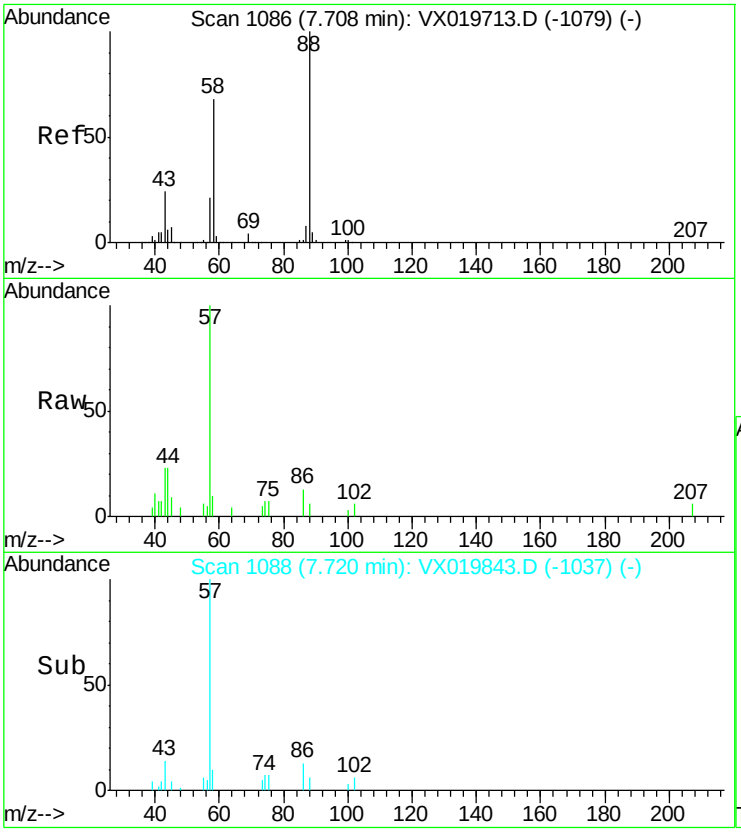


#48
Methyl methacrylate
Concen: 1.383 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 41 Resp: 5674

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



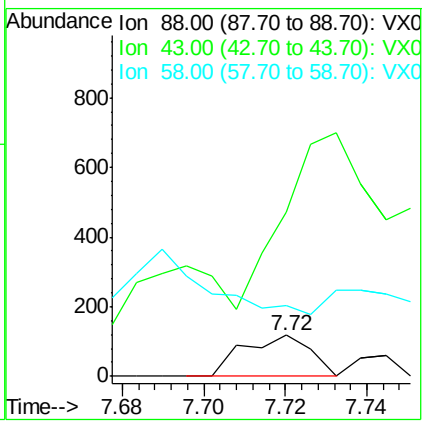


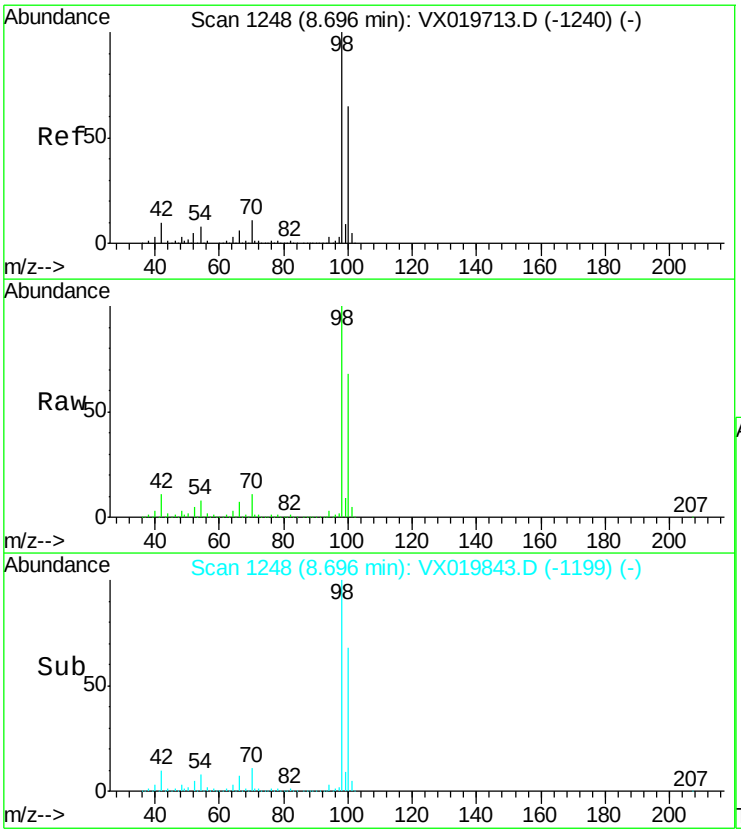
#49
1,4-Dioxane
Concen: 1.369 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 88 Resp: 136

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	307.4	55.0	82.4#

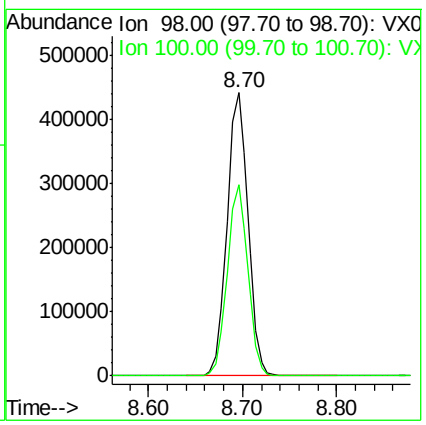


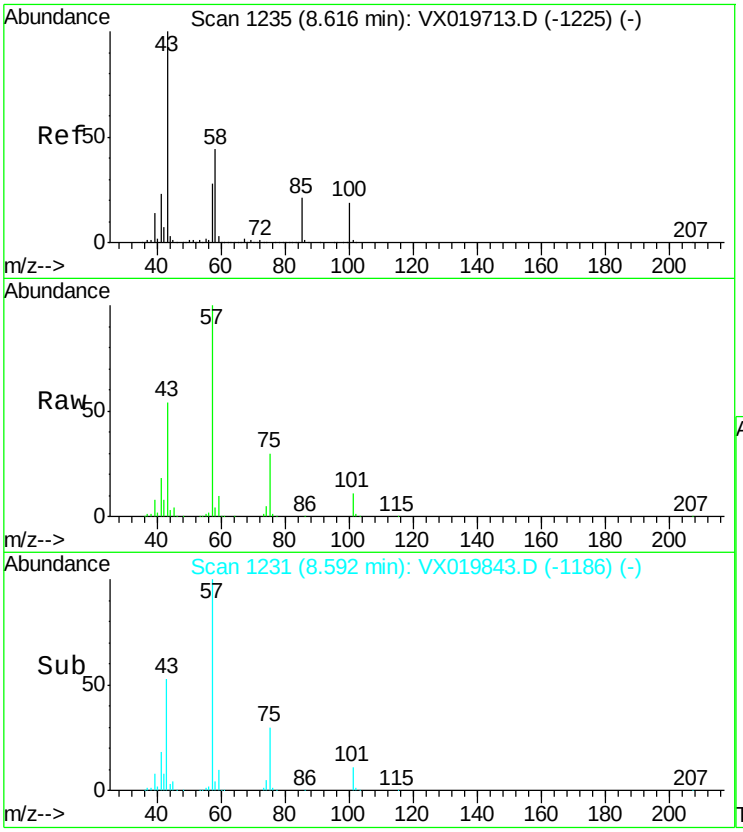


#50
Toluene-d8
Concen: 49.224 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 98 Resp: 682942

Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.9	77.9



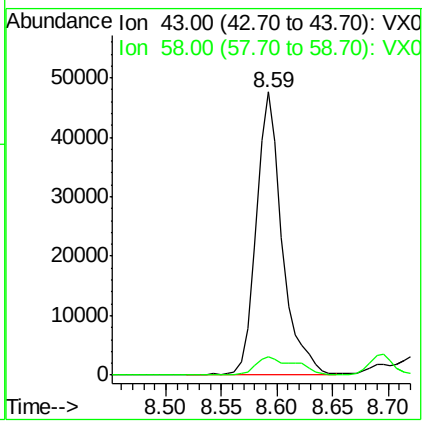


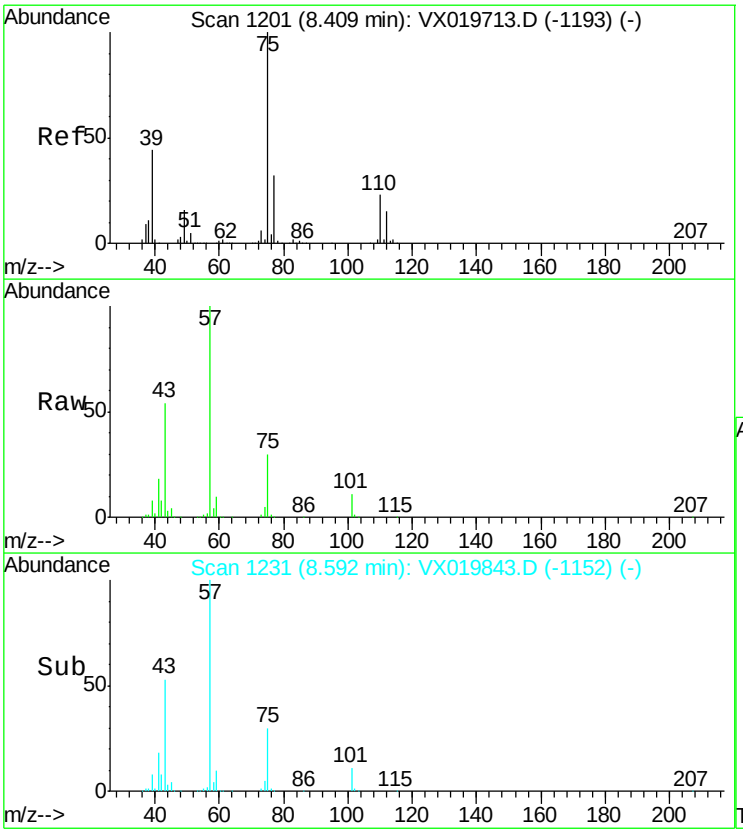
#51
4-Methyl-2-Pentanone
Concen: 15.099 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 43 Resp: 76890

Ion	Ratio	Lower	Upper
43	100		
58	10.3	35.4	53.0#

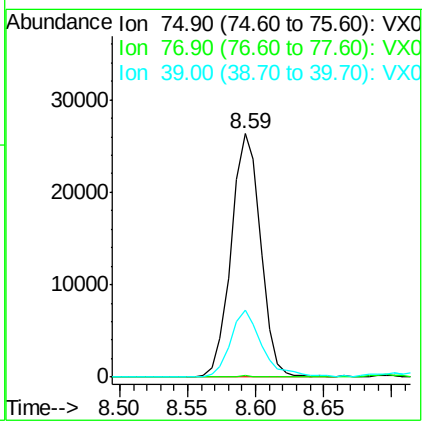


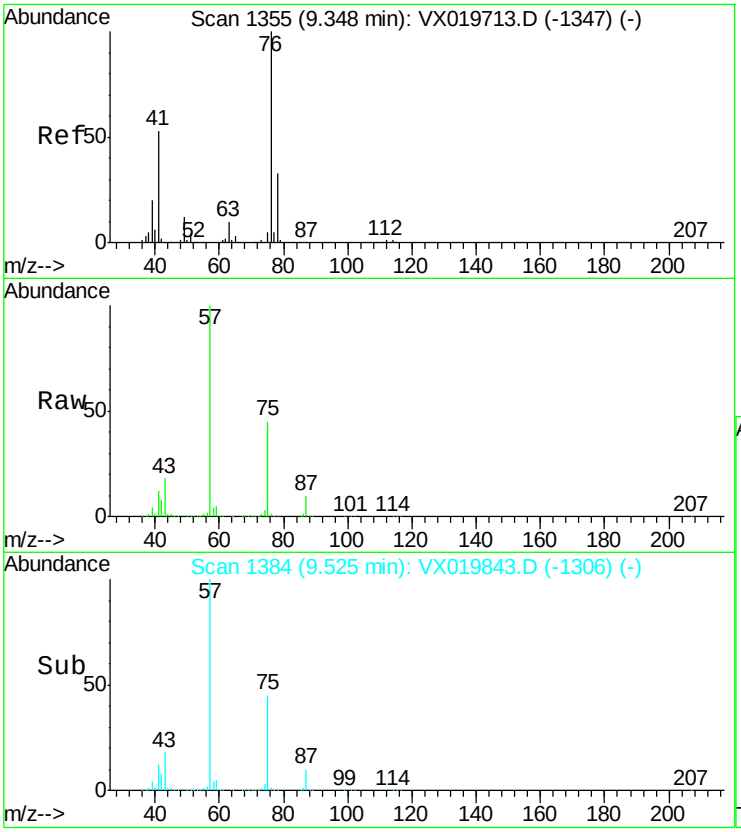


#54
cis-1,3-Dichloropropene
Concen: 6.332 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 75 Resp: 39683

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	27.3	35.1	52.7#



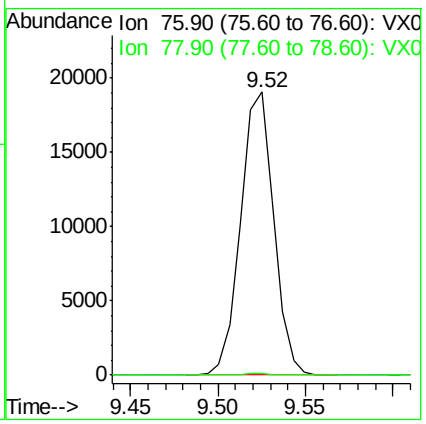


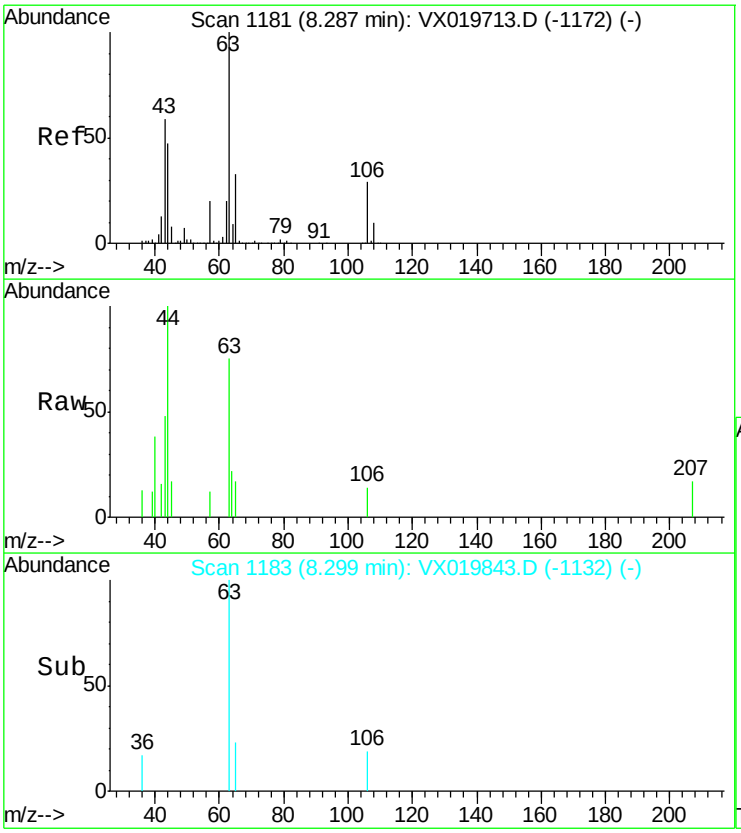
#57
1,3-Dichloropropane
Concen: 3.749 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 76 Resp: 25041

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#

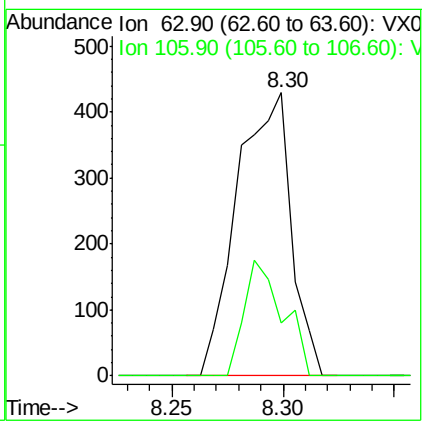


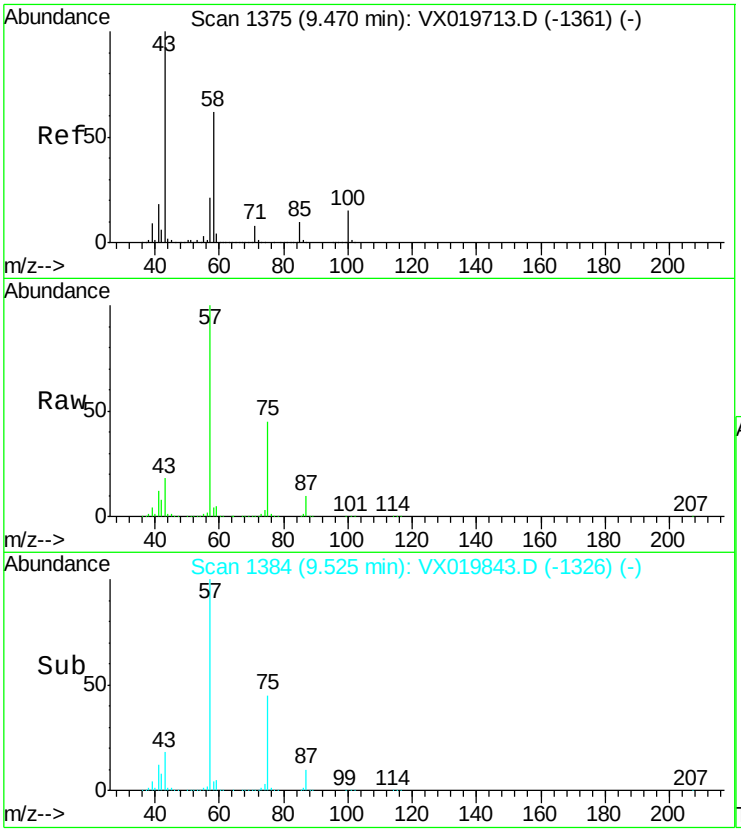


#58
2-Chloroethyl Vinyl ether
Concen: 0.231 ug/l
RT: 8.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 63 Resp: 725

Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.5	35.3



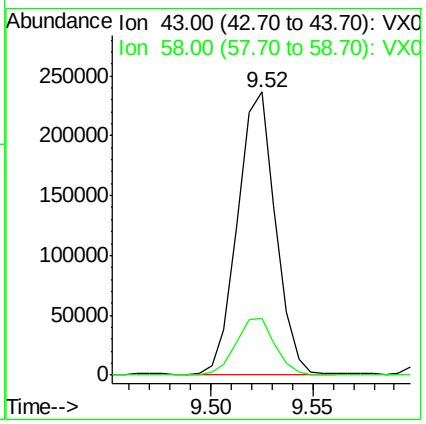


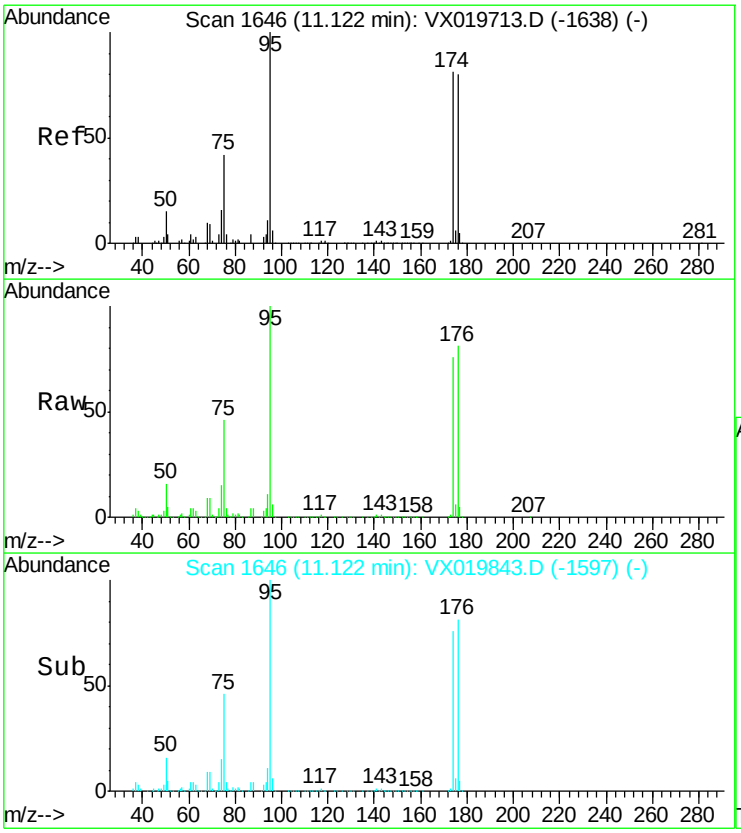
#59
2-Hexanone
Concen: 77.134 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 43 Resp: 304466

Ion	Ratio	Lower	Upper
43	100		
58	20.8	30.9	92.8#

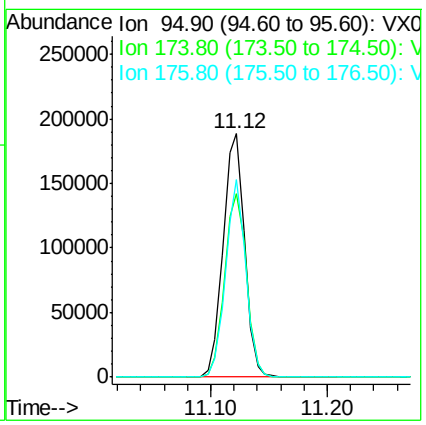


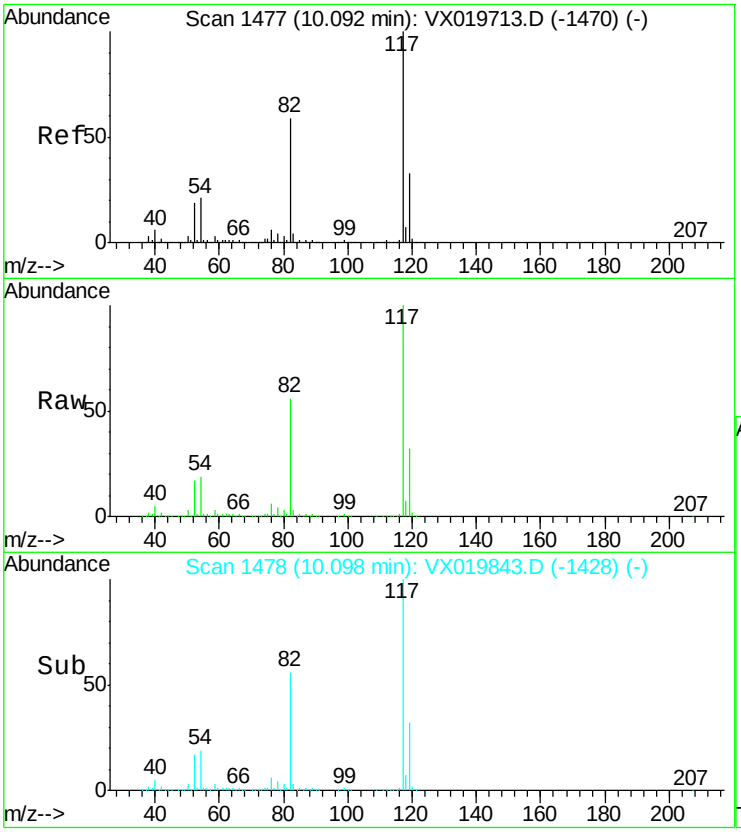


#62
4-Bromofluorobenzene
Concen: 45.510 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 95 Resp: 240321

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	154.6
176	76.4	0.0	155.8



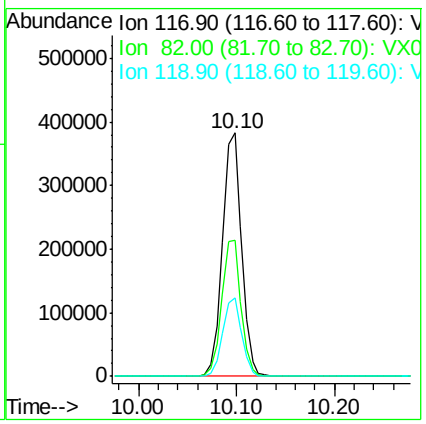


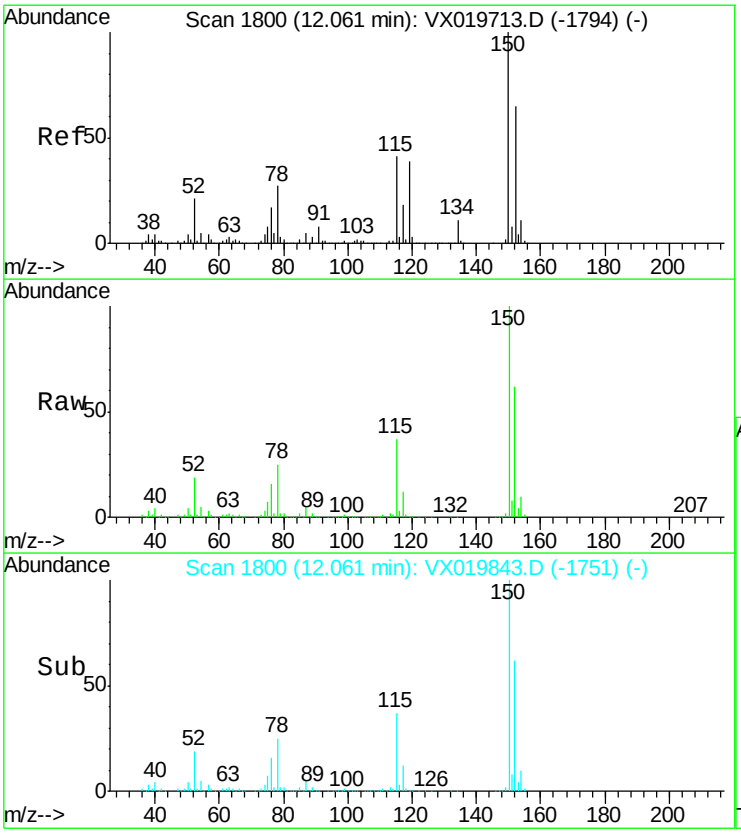
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument : MSVOA_X
ClientSampleId : PB133508TB

Tgt Ion:117 Resp: 518124

Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.4	71.2
119	32.0	26.6	39.8

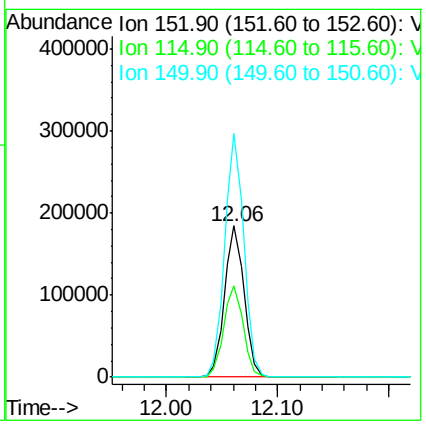


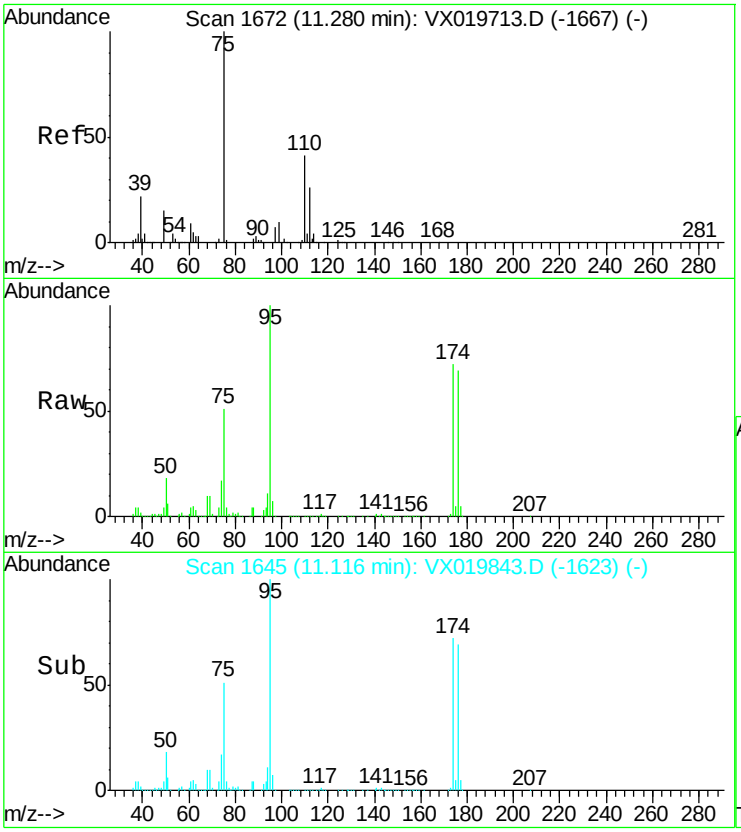


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion:152 Resp: 222537

Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.1	123.3
150	158.2	0.0	349.0



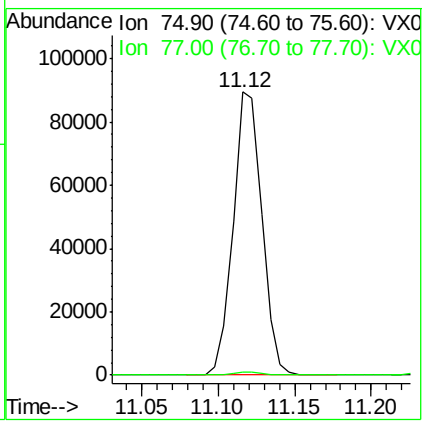


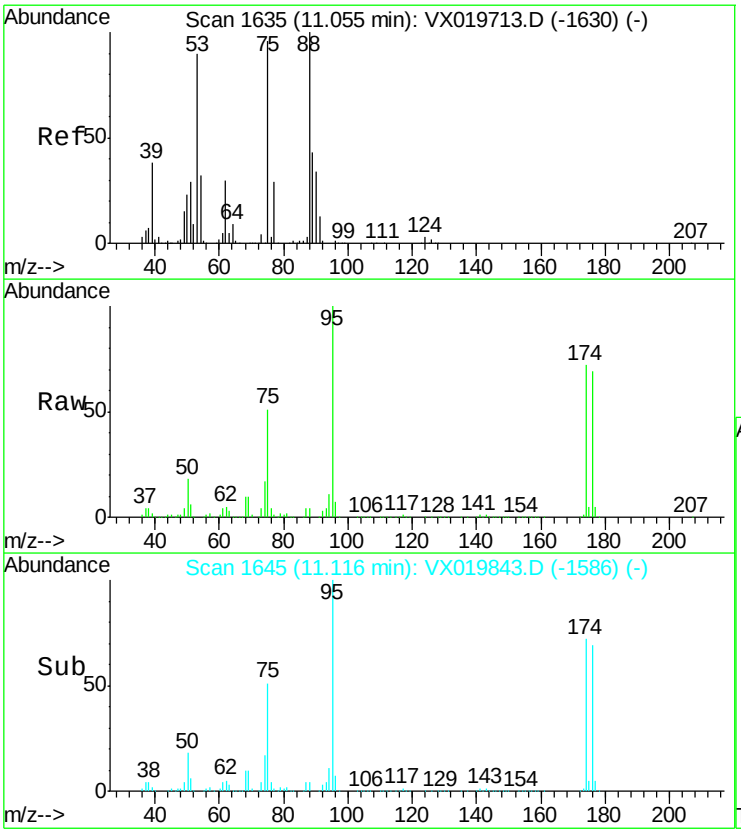
#76
1,2,3-Trichloropropane
Concen: 23.297 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 75 Resp: 116277

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

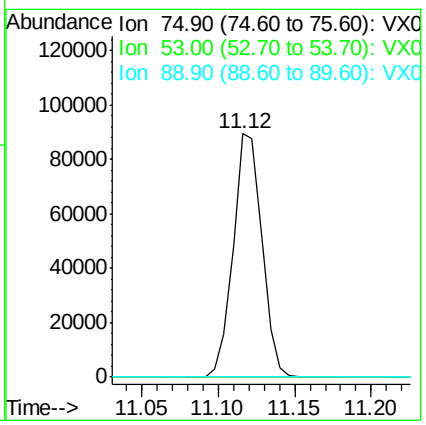


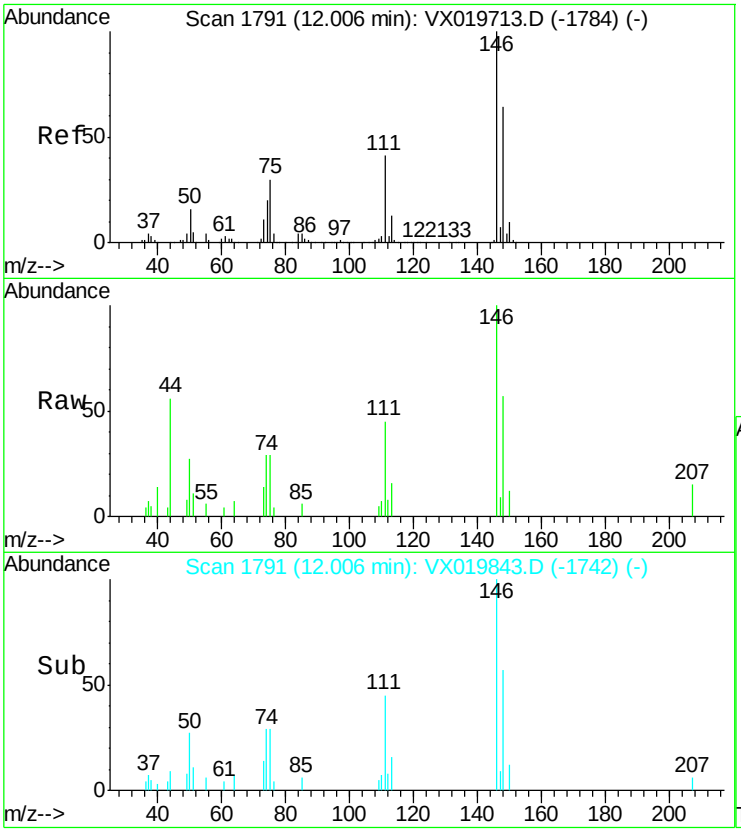


#81
trans-1,4-Dichloro-2-butene
Concen: 67.347 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 75 Resp: 116277

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#



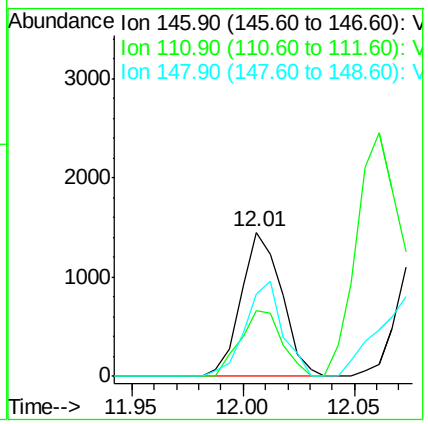


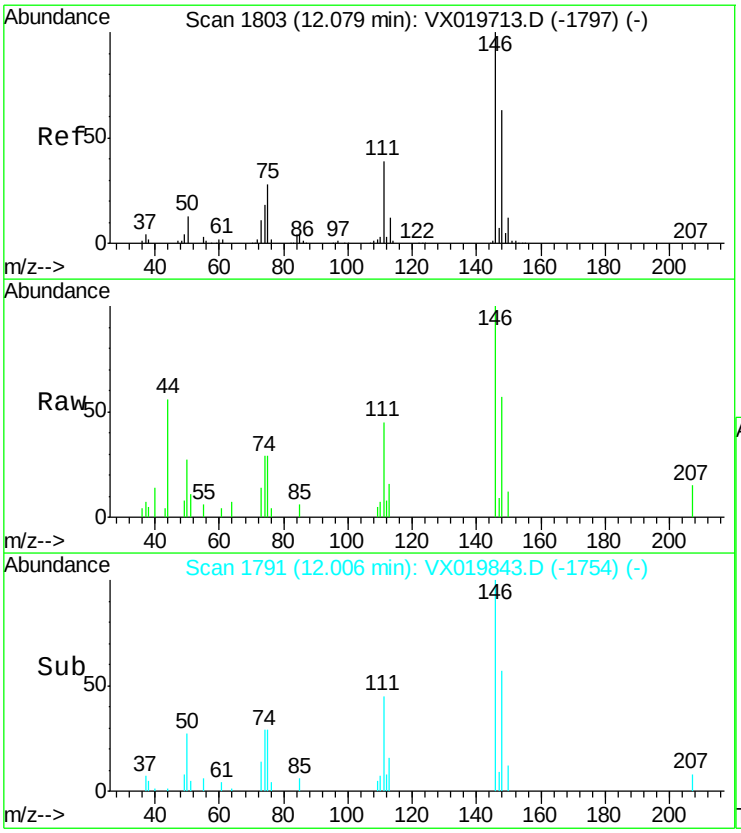
#87
1,3-Dichlorobenzene
Concen: 0.259 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion:146 Resp: 1846

Ion	Ratio	Lower	Upper
146	100		
111	47.0	20.2	60.5
148	60.3	31.9	95.7

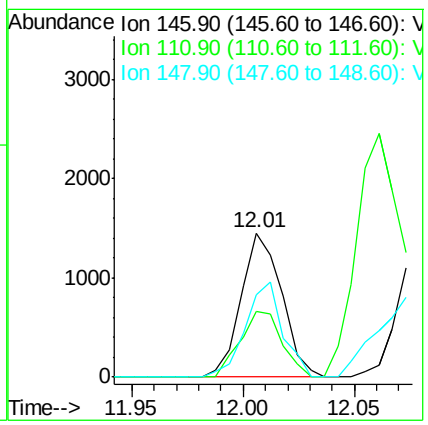


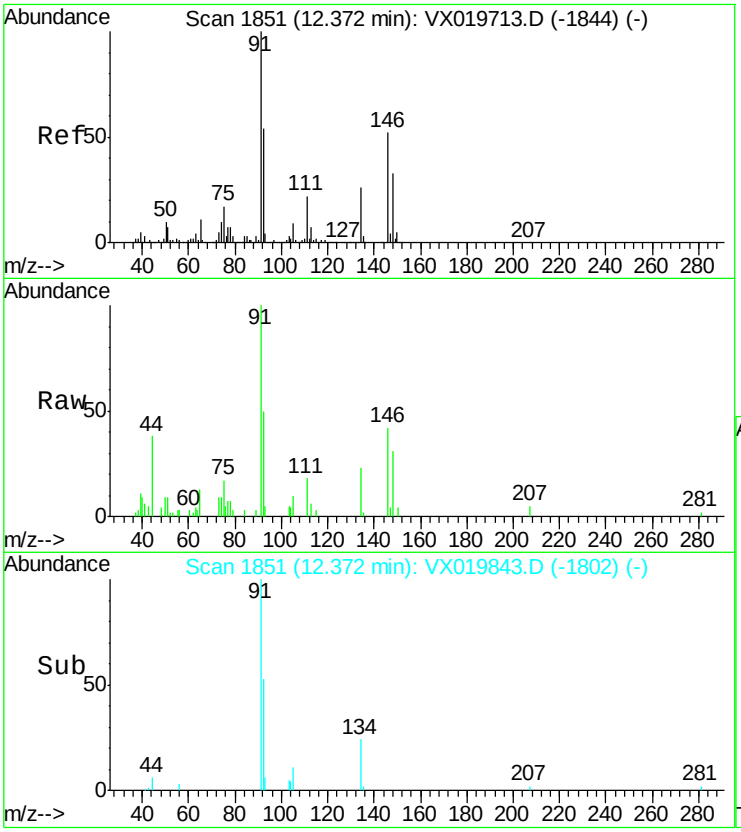


#88
1,4-Dichlorobenzene
Concen: 0.254 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.07 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion:146 Resp: 1846

Ion	Ratio	Lower	Upper
146	100		
111	47.0	19.6	58.8
148	60.3	31.6	95.0



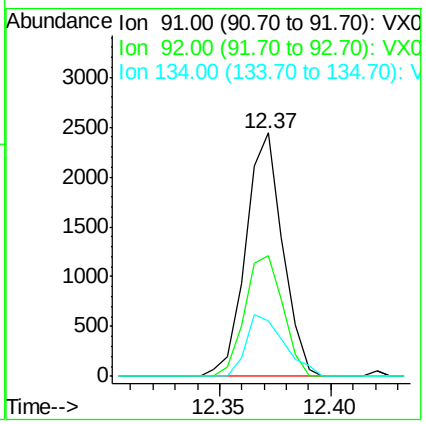


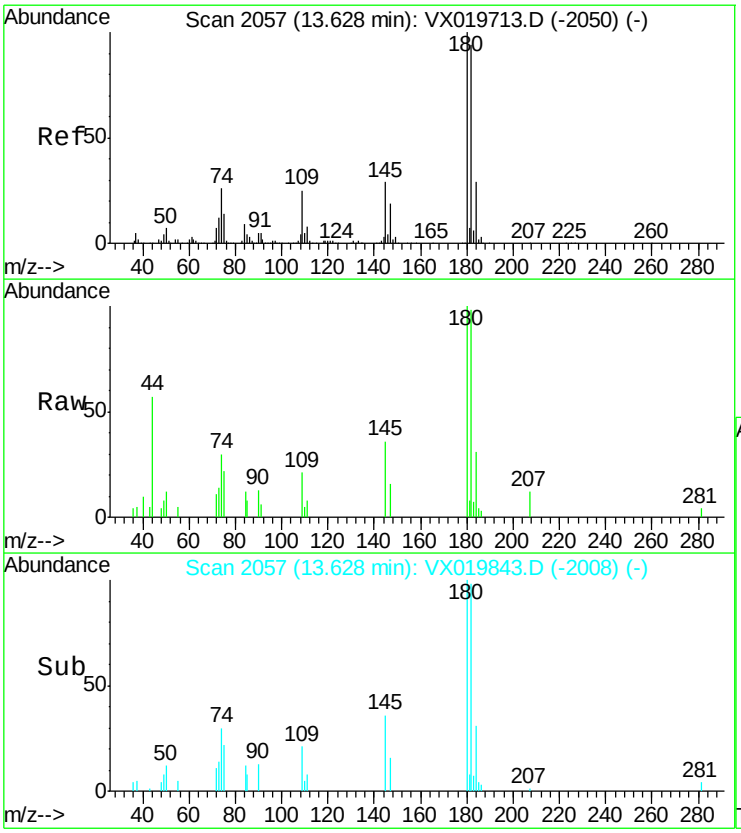
#89
n-Butylbenzene
Concen: 0.242 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion: 91 Resp: 2828

Ion	Ratio	Lower	Upper
91	100		
92	51.1	27.4	82.0
134	26.1	13.2	39.5

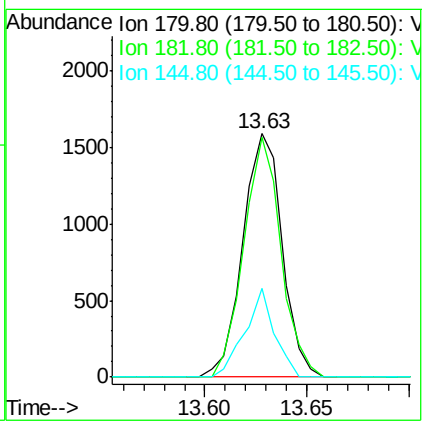


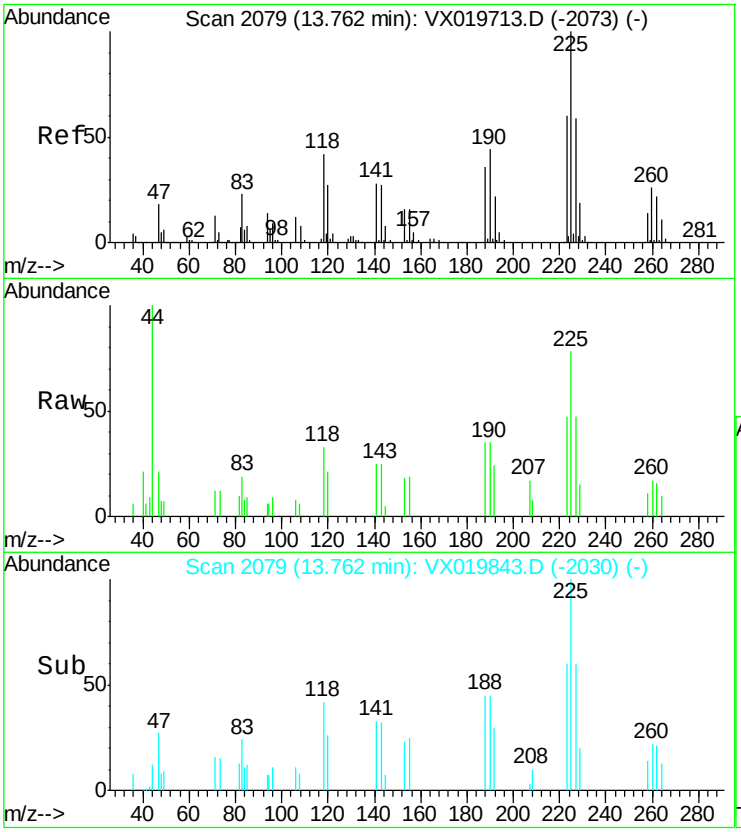


#93
1,2,4-Trichlorobenzene
Concen: 0.471 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion:180 Resp: 2135

Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.7	143.1
145	27.4	15.0	45.0



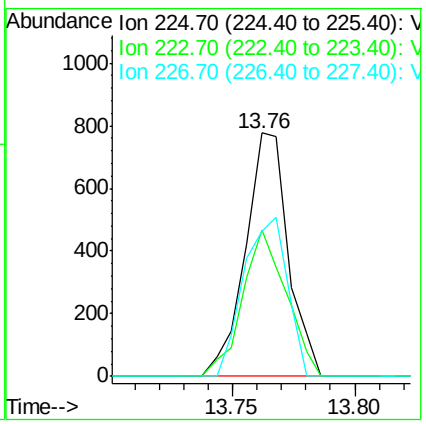


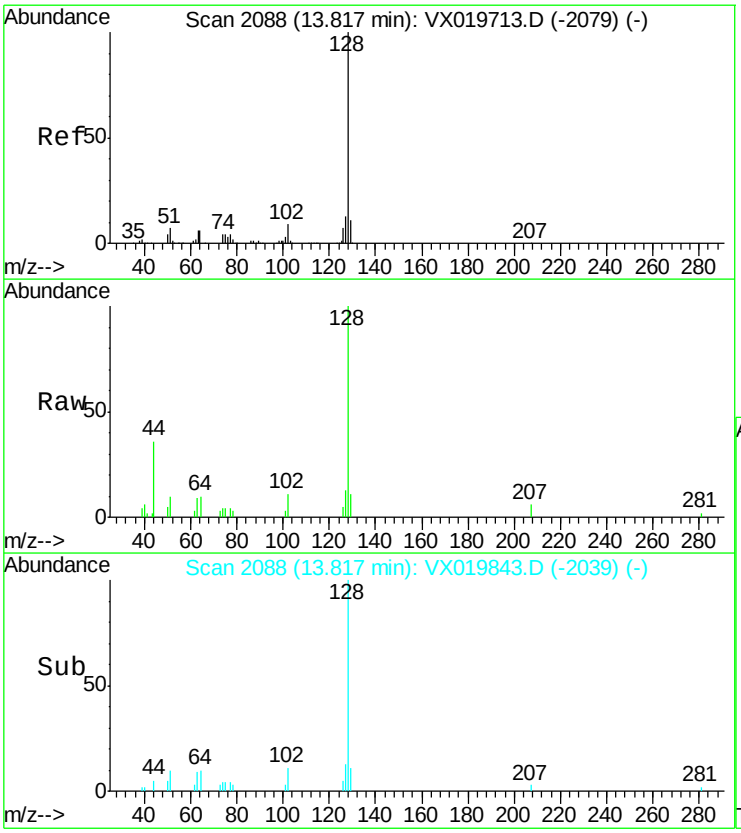
#94
Hexachlorobutadiene
Concen: 0.469 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion:225 Resp: 949

Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.1	93.2
227	65.9	31.6	95.0

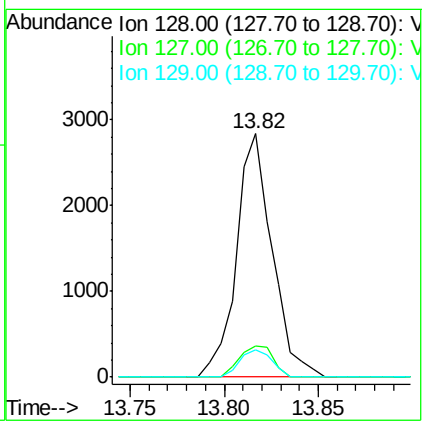


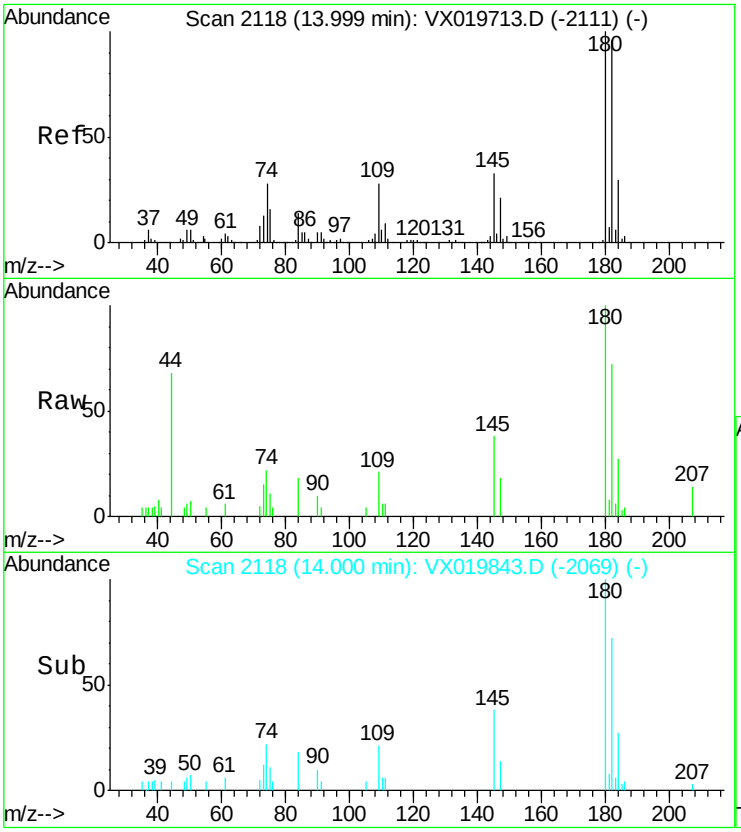


#95
Naphthalene
Concen: 0.254 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion:128 Resp: 3736

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	10.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.403 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tgt Ion:180 Resp: 1785

Ion	Ratio	Lower	Upper
180	100		
182	90.5	47.6	142.9
145	37.1	16.1	48.3