Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019931.D
Acq On : 12 Dec 2020 14:51
Operator : JC/MD
Sample : L4996-20DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE134D4-20201208DL

Quant Time: Dec 14 05:29:15 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	5.63	168	328417	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	551932	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	507633	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226882	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	209085	48.44	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.88%				
35) Dibromofluoromethane	5.46	113	168586	47.26	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.52%				
50) Toluene-d8	8.70	98	666367	48.93	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.86%				
62) 4-Bromofluorobenzene	11.12	95	242398	46.77	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.54%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	881	0.712	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130509	43.849	ug/l		99
10) Methyl Iodide	2.49	142	1277	0.291	ug/l	#	96
11) Tert butyl alcohol	2.99	59	5534	3.661	ug/l	#	77
12) 1,1-Dichloroethene	2.36	96	1091	0.363	ug/l	#	72
13) Acrolein	2.27	56	136	0.285	ug/l	#	1
16) Acetone	2.42	43	703	0.433	ug/l		97
20) Methylene Chloride	2.83	84	868	Below Cal			98
27) cis-1,2-Dichloroethene	4.57	96	1422	0.346	ug/l		94
31) Cyclohexane	5.63	56	6441	1.200	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	25042	5.021	ug/l	#	48
38) Carbon Tetrachloride	5.63	117	32069	6.566	ug/l	#	17
44) Trichloroethene	7.19	130	18287	4.575	ug/l		97
49) 1,4-Dioxane	7.73	88	67	0.687	ug/l	#	1
60) Dibromochloromethane	9.32	129	7427	1.904	ug/l	#	11
64) Tetrachloroethene	9.32	164	8133	2.389	ug/l		91
76) 1,2,3-Trichloropropane	11.12	75	115730	22.743	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	115730	65.746	ug/l	#	12

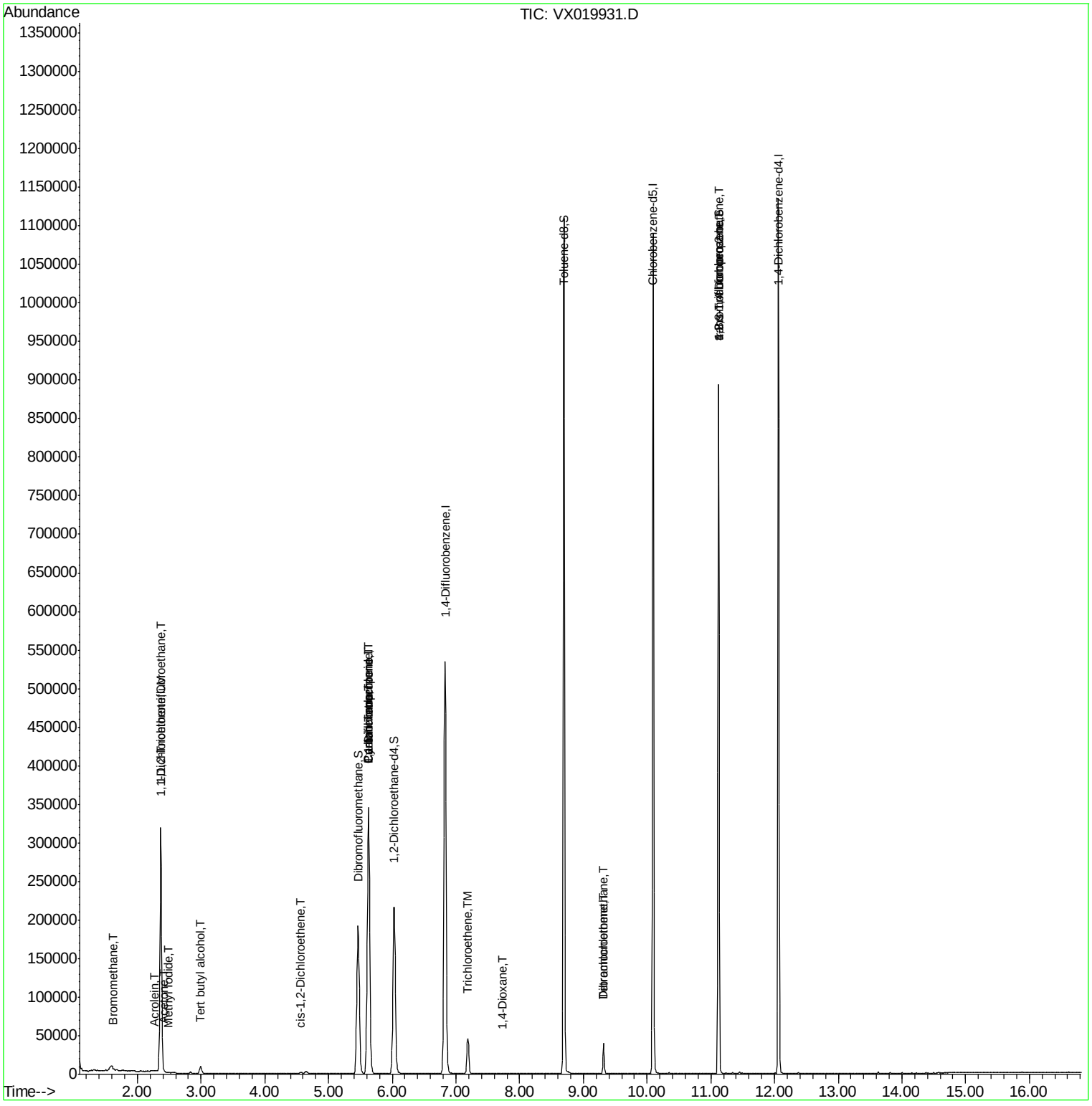
(#) = qualifier out of range (m) = manual integration (+) = signals summed

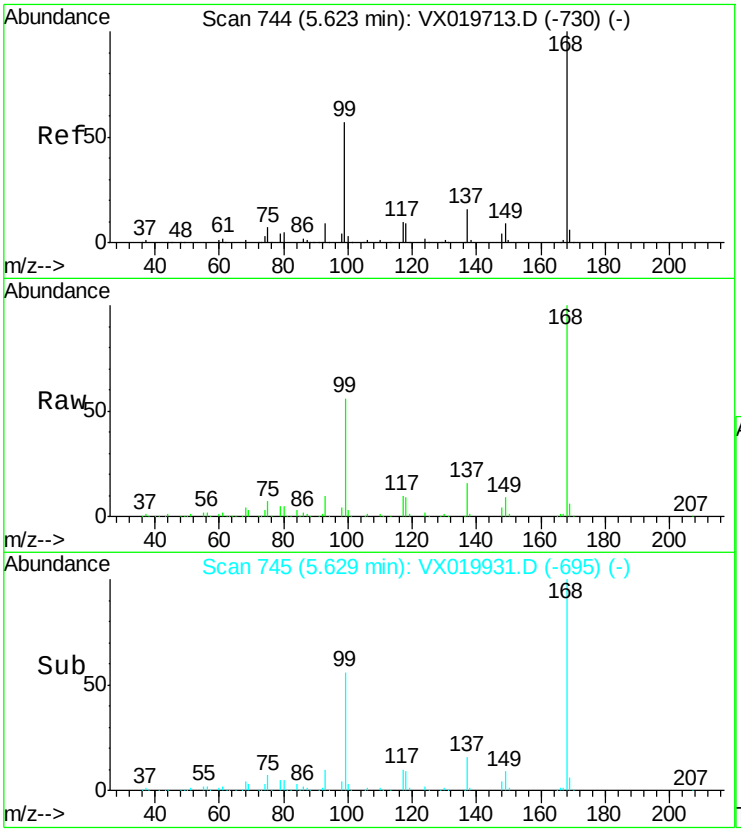
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019931.D
Acq On : 12 Dec 2020 14:51
Operator : JC/MD
Sample : L4996-20DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Quant Time: Dec 14 05:29:15 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



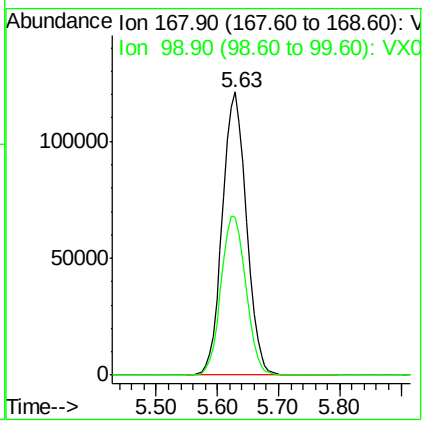


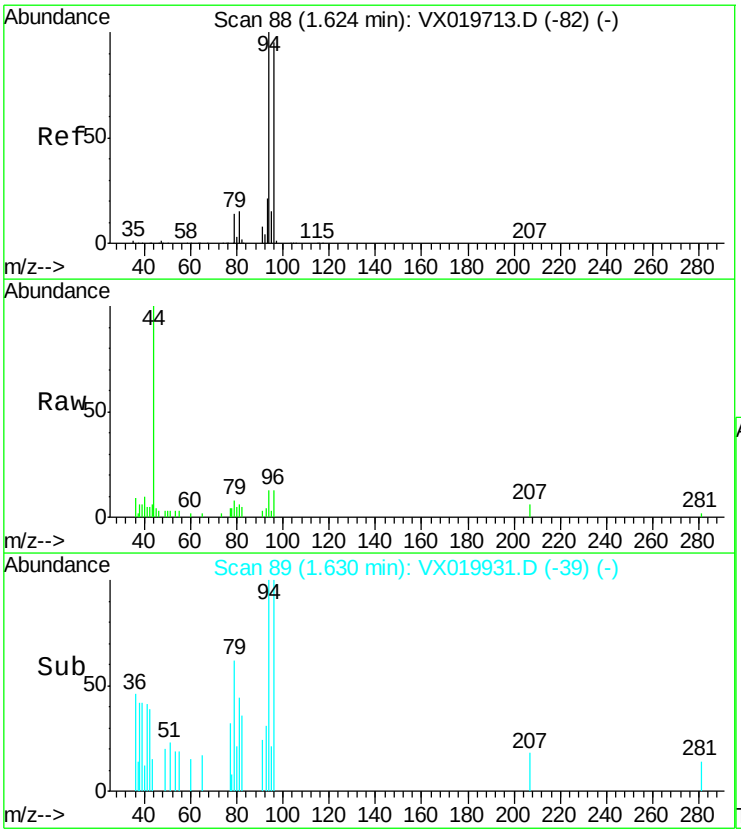
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion:168 Resp: 328417

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.8	68.6

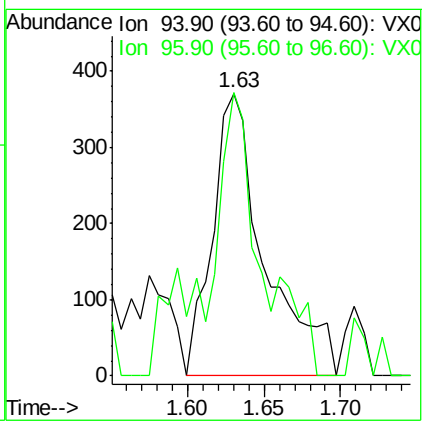


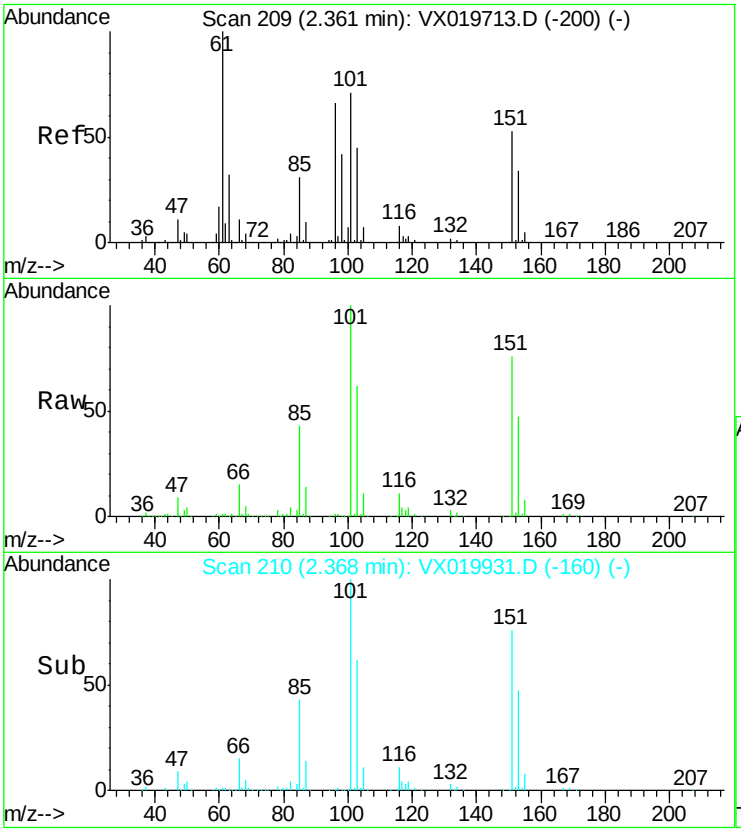


#5
Bromomethane
Concen: 0.712 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion: 94 Resp: 881

Ion	Ratio	Lower	Upper
94	100		
96	100.3	76.4	114.6



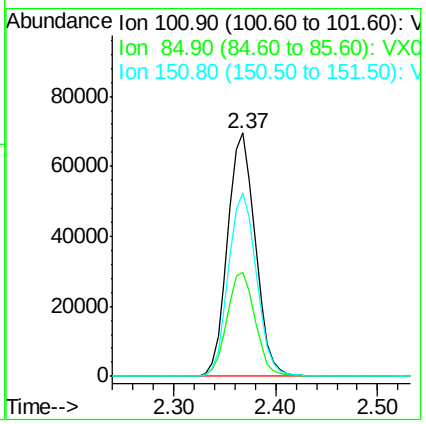


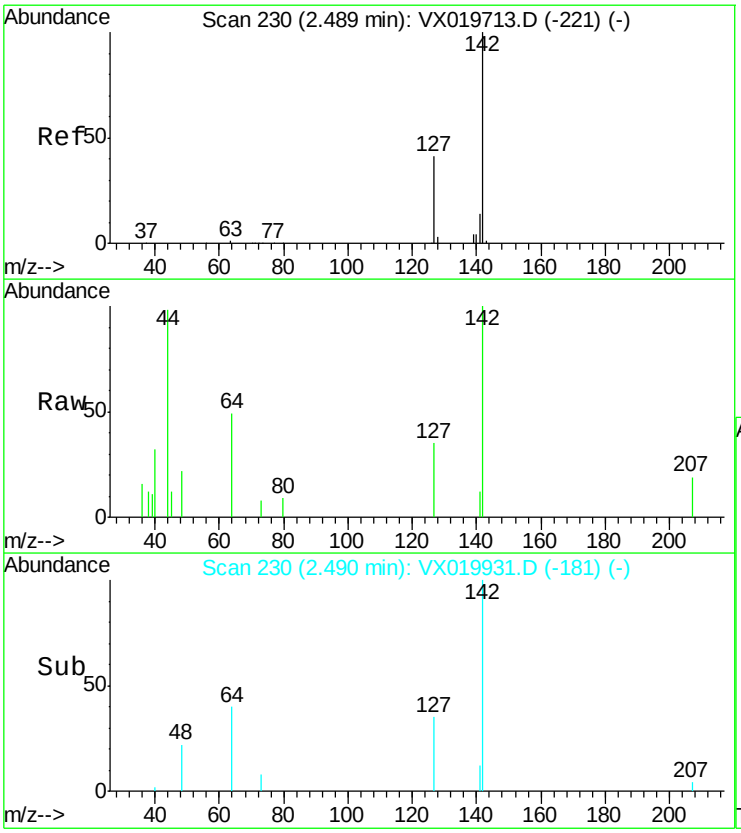
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.849 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument : MSVOA_X
ClientSampleId : RE134D4-20201208DL

Tgt Ion:101 Resp: 130509

Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.9	52.3
151	76.4	61.4	92.2

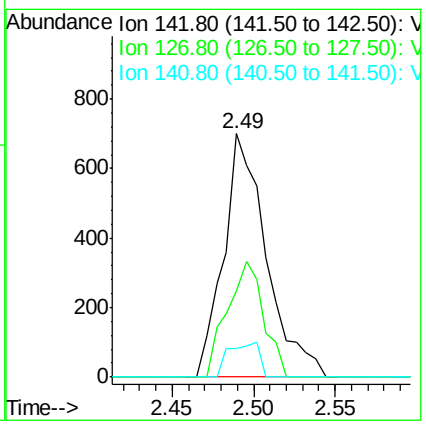


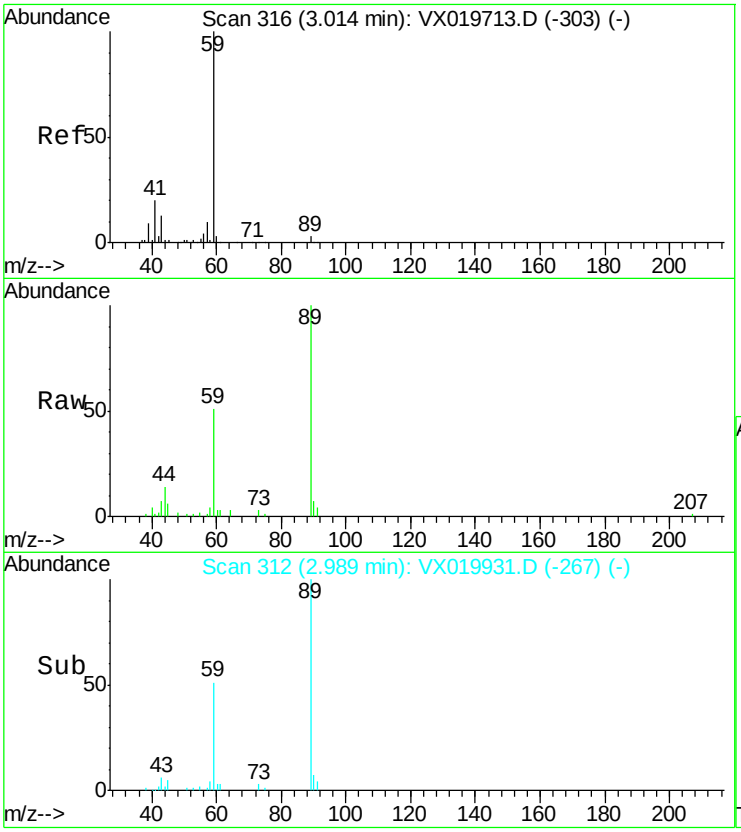


#10
Methyl Iodide
Concen: 0.291 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion:142 Resp: 1277

Ion	Ratio	Lower	Upper
142	100		
127	40.5	33.3	49.9
141	10.0	11.4	17.0#



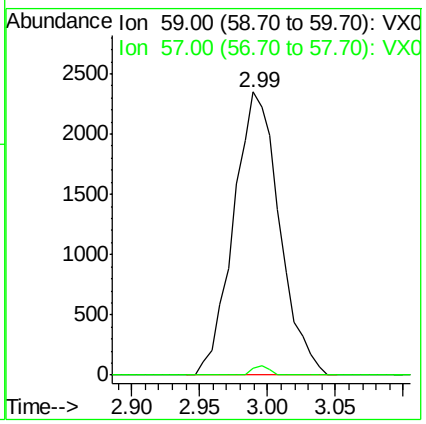


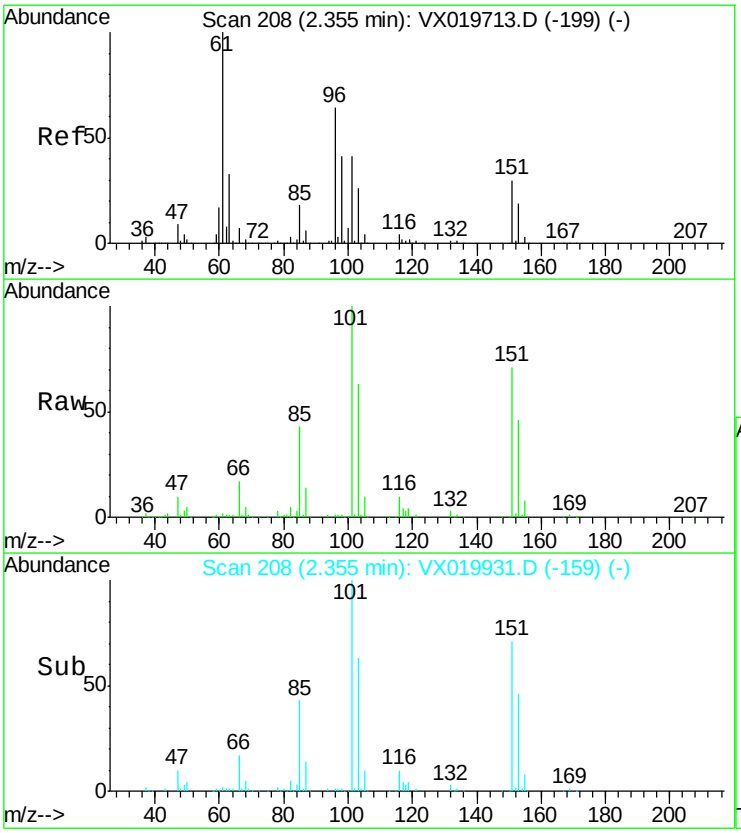
#11
Tert butyl alcohol
Concen: 3.661 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 59 Resp: 5534

Ion	Ratio	Lower	Upper
59	100		
57	1.2	7.8	11.8#

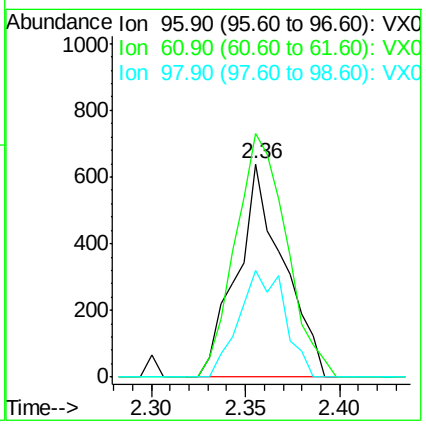


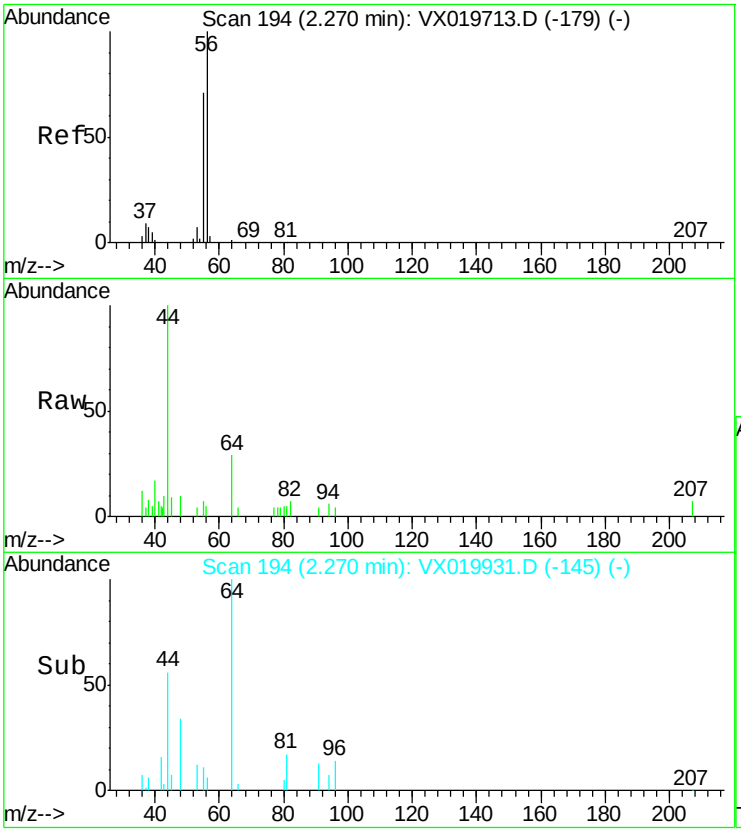


#12
1,1-Dichloroethene
Concen: 0.363 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion: 96 Resp: 1091

Ion	Ratio	Lower	Upper
96	100		
61	114.1	124.6	187.0#
98	49.8	50.6	76.0#



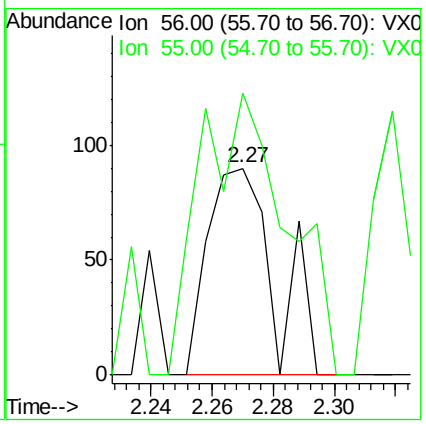


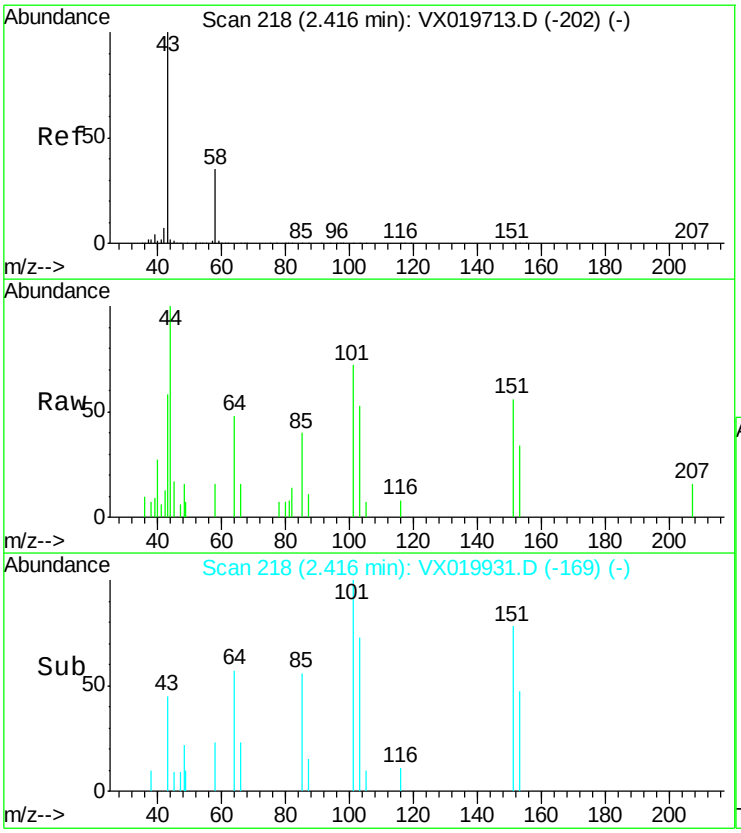
#13
Acrolein
Concen: 0.285 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 56 Resp: 136

Ion	Ratio	Lower	Upper
56	100		
55	179.4	56.4	84.6#

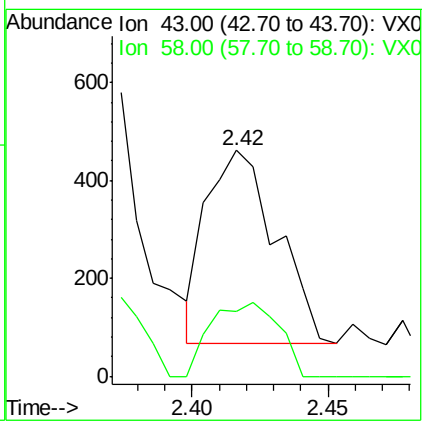


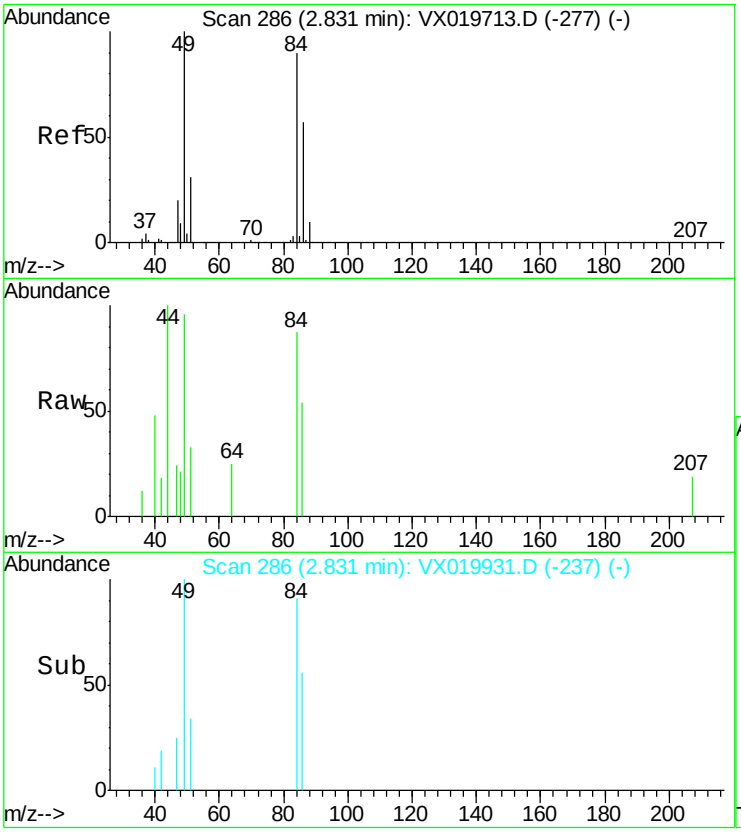


#16
Acetone
Concen: 0.433 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion: 43 Resp: 703

Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.8	41.8



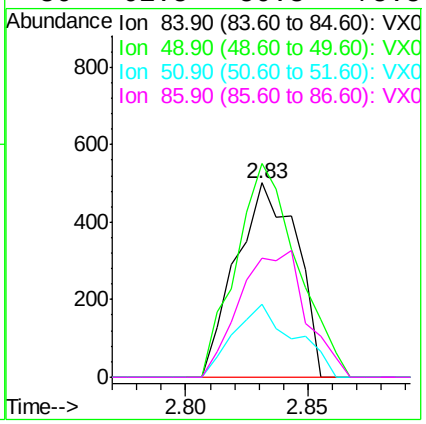


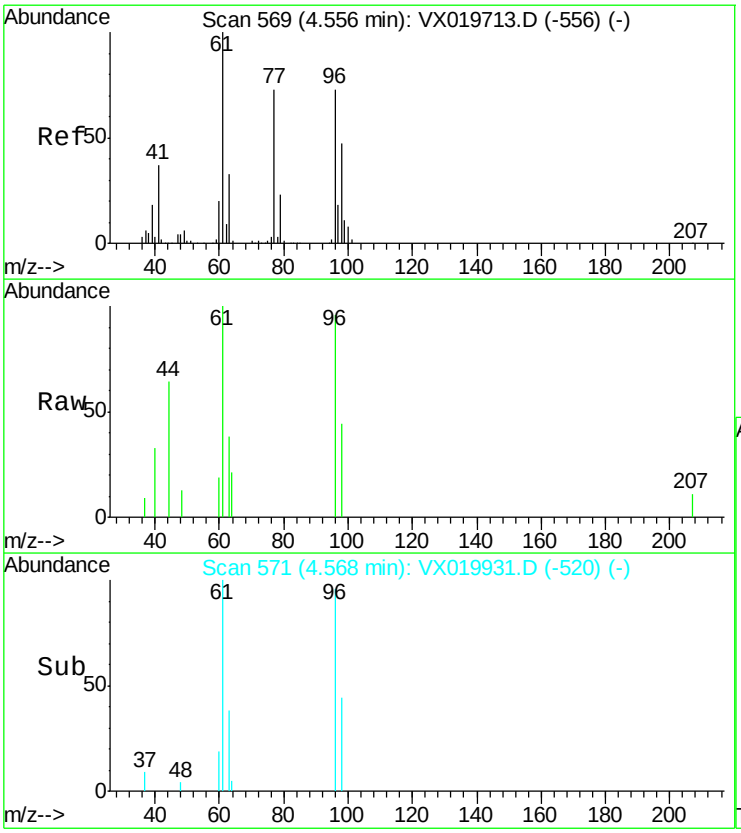
#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 84 Resp: 868

Ion	Ratio	Lower	Upper
84	100		
49	110.0	88.6	132.8
51	37.5	27.0	40.6
86	61.5	50.3	75.5

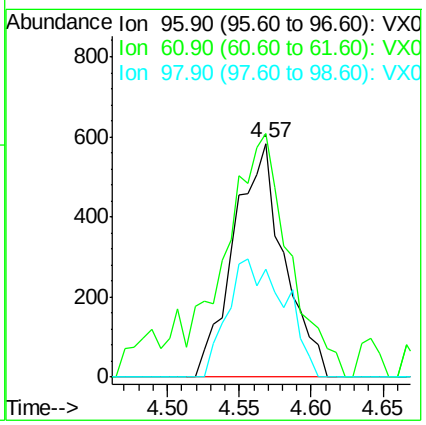


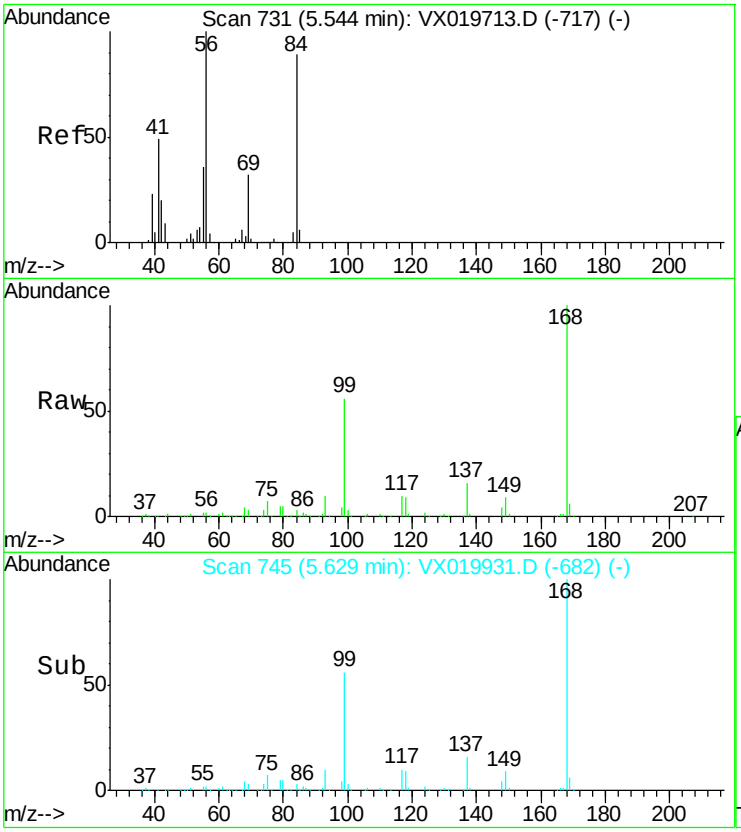


#27
cis-1,2-Dichloroethene
Concen: 0.346 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion: 96 Resp: 1422

Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	285.6
98	57.1	0.0	129.6



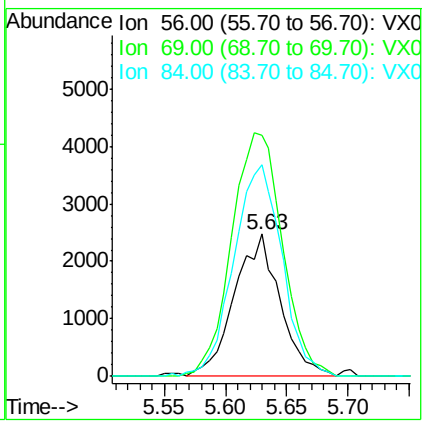


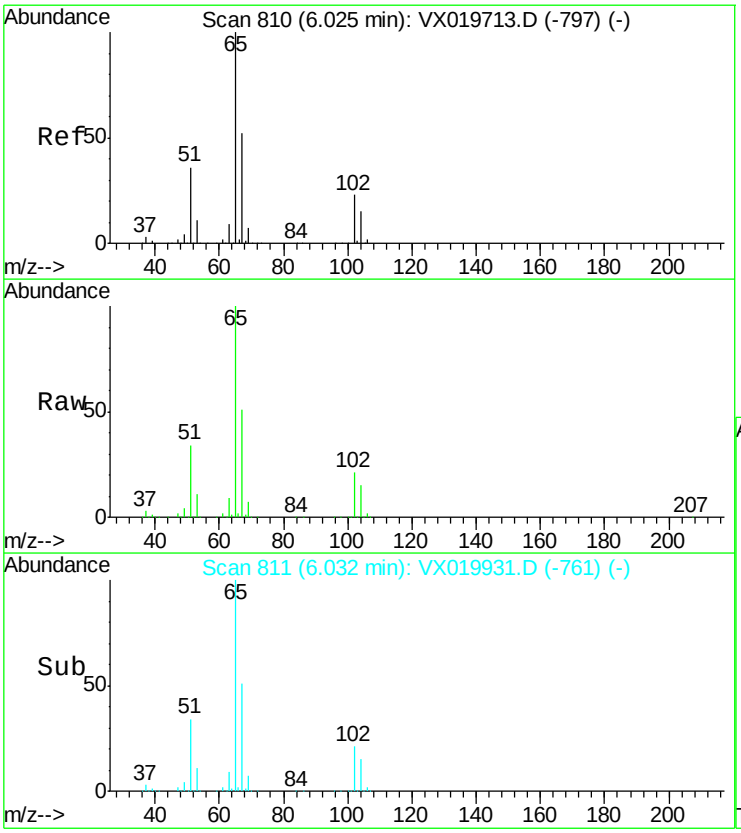
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 56 Resp: 6441

Ion	Ratio	Lower	Upper
56	100		
69	169.5	25.3	37.9#
84	149.2	71.4	107.0#

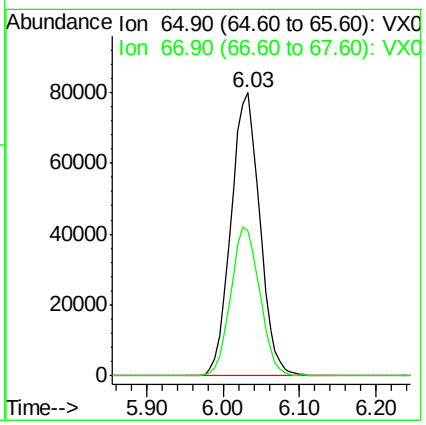


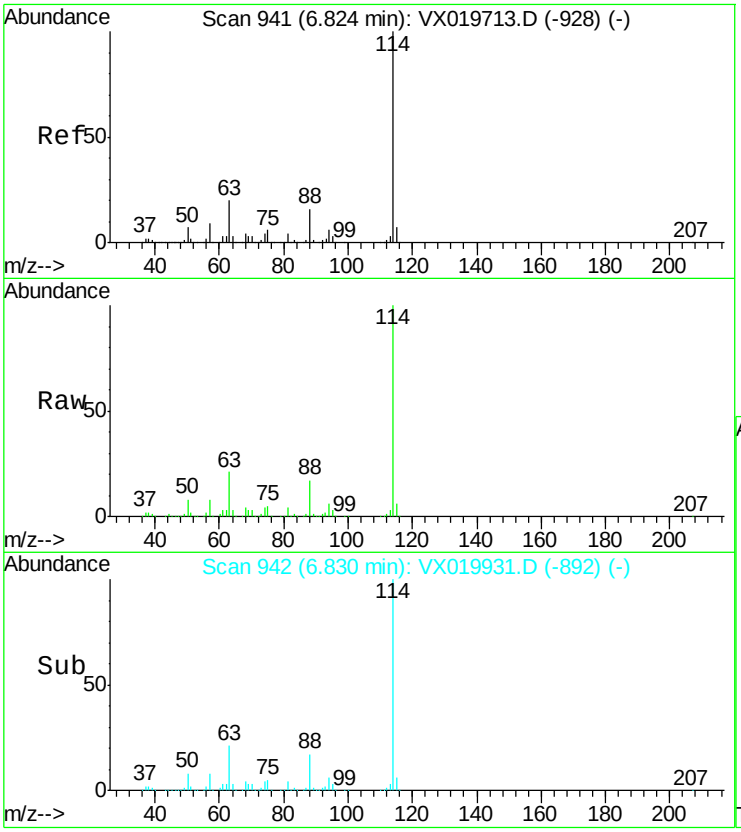


#33
1,2-Dichloroethane-d4
Concen: 48.440 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion: 65 Resp: 209085

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4



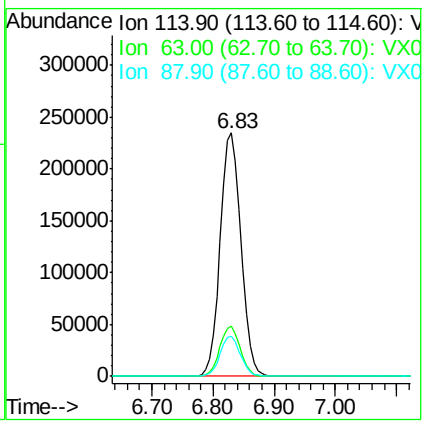


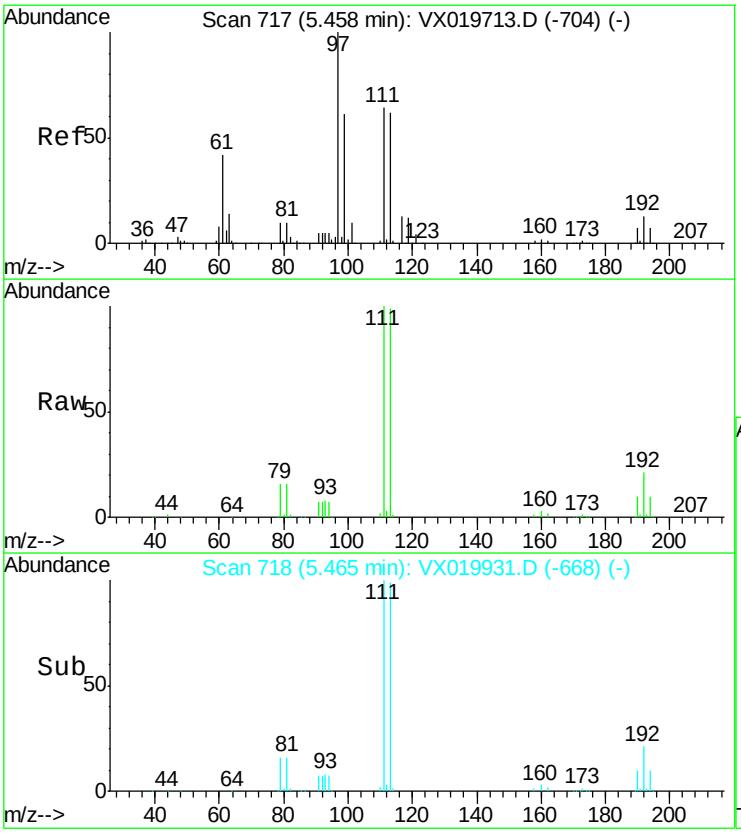
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion:114 Resp: 551932

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.6	0.0	32.8

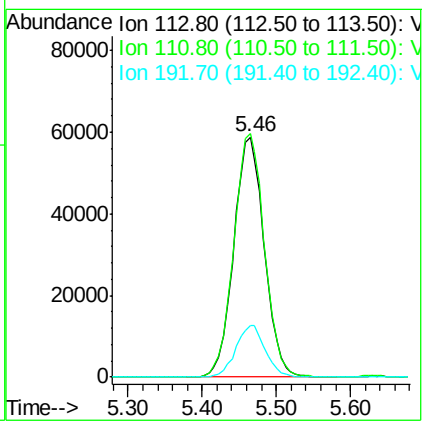


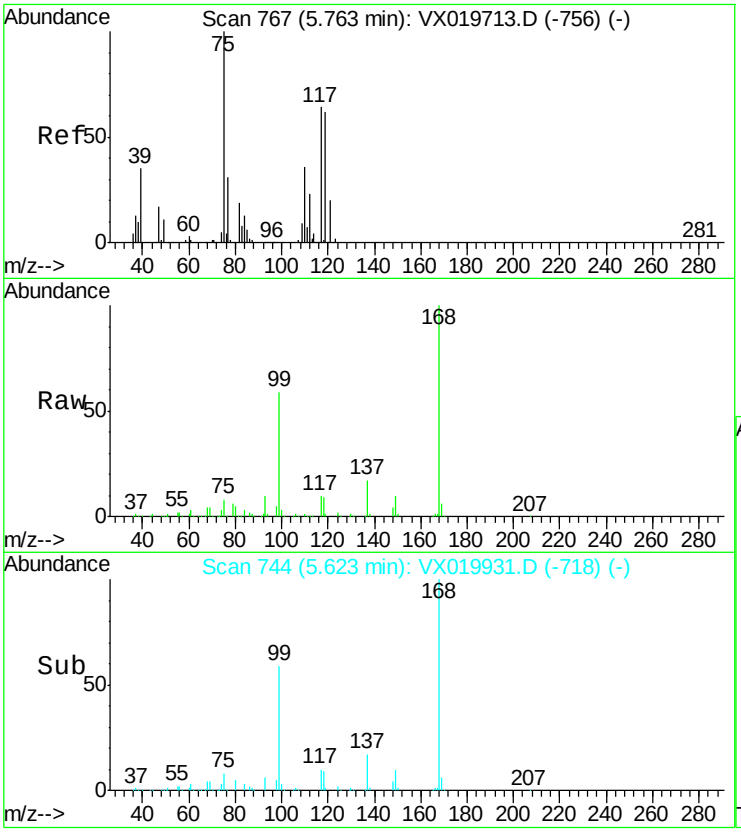


#35
Dibromofluoromethane
Concen: 47.262 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion:113 Resp: 168586

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	20.8	16.7	25.1



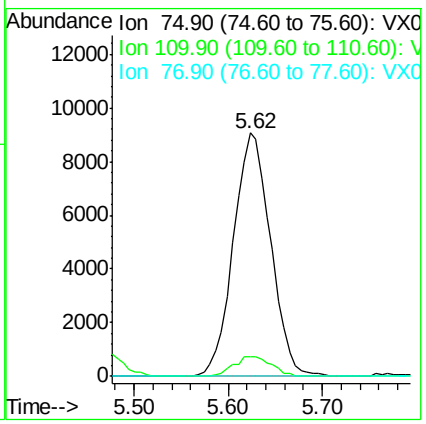


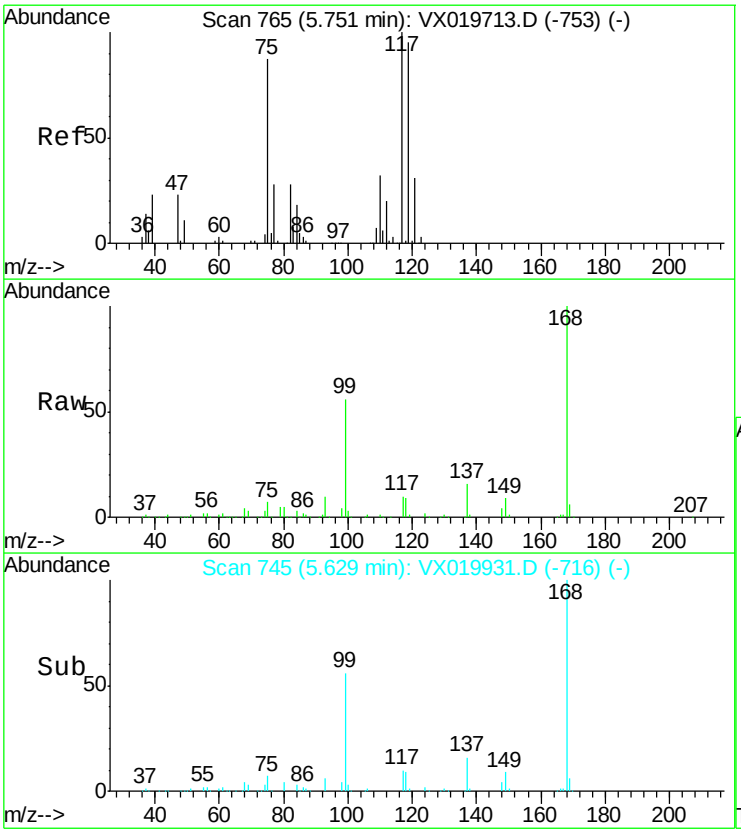
#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 75 Resp: 25042

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	25.3	37.9#

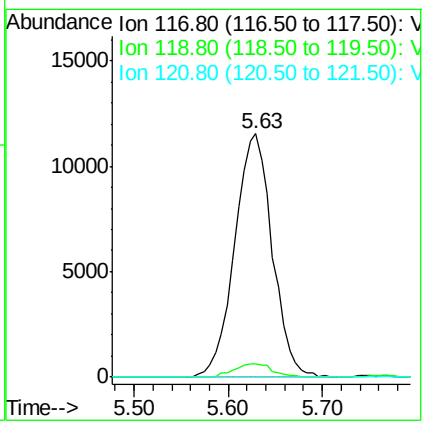


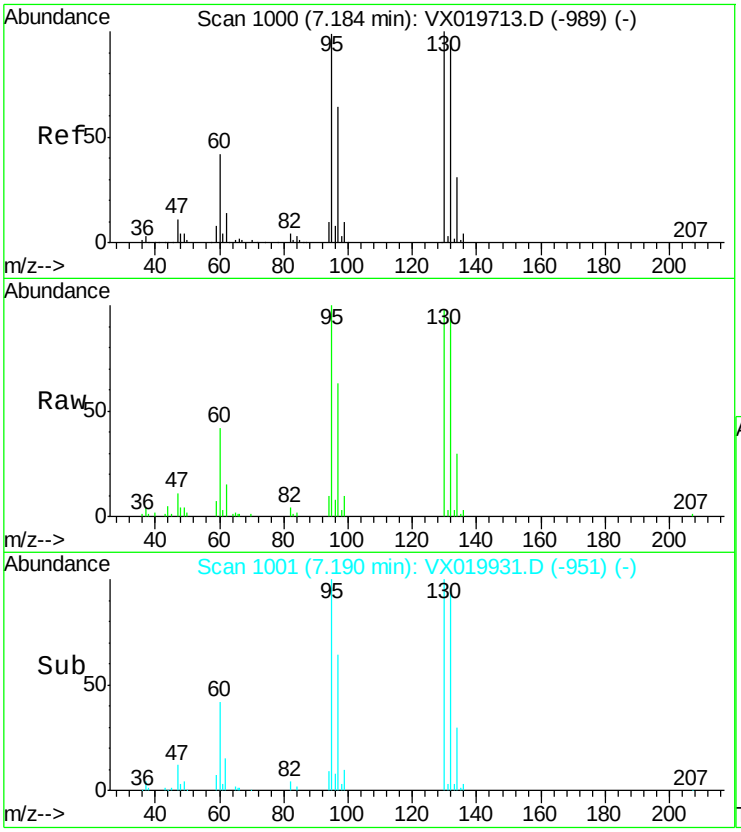


#38
Carbon Tetrachloride
Concen: 6.566 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion:117 Resp: 32069

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.0	24.8	37.2#



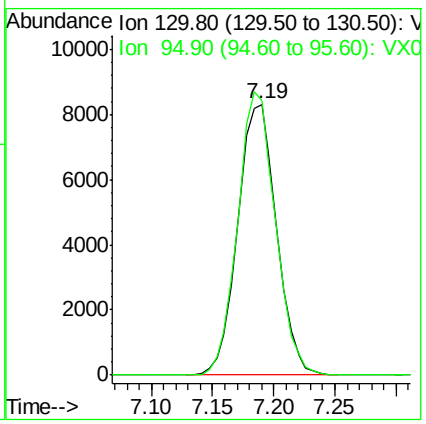


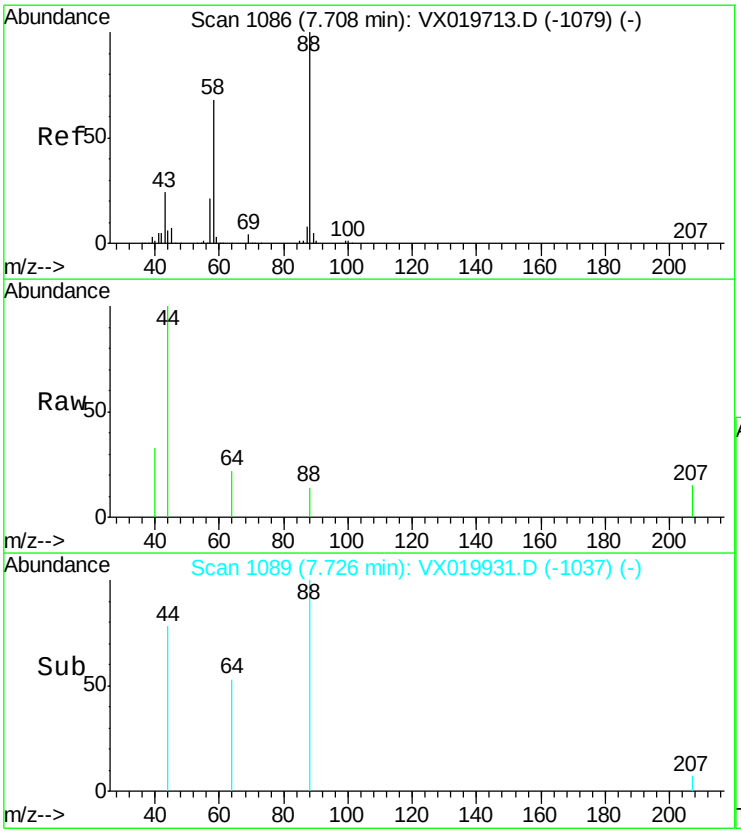
#44
Trichloroethene
Concen: 4.575 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion:130 Resp: 18287

Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	198.0

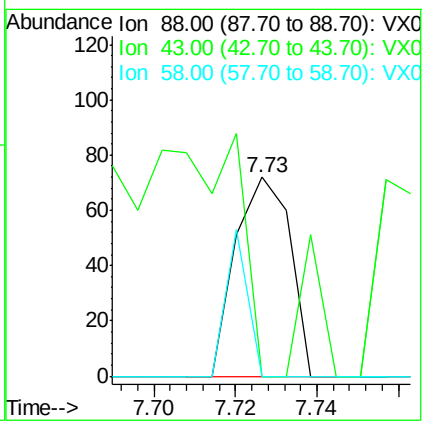


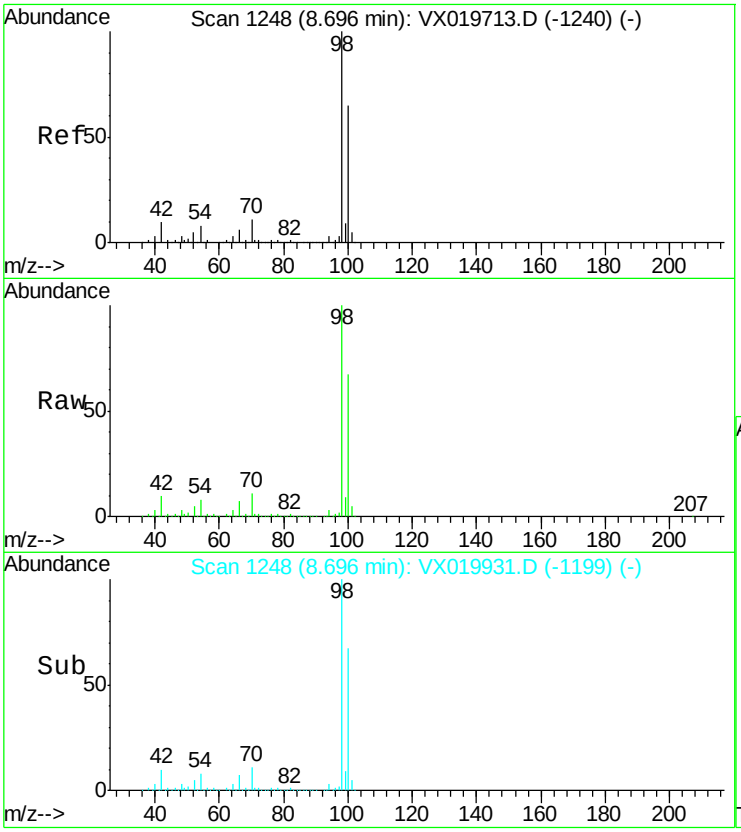


#49
1,4-Dioxane
Concen: 0.687 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.02 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	247.8	23.2	34.8#
58	28.4	55.0	82.4#



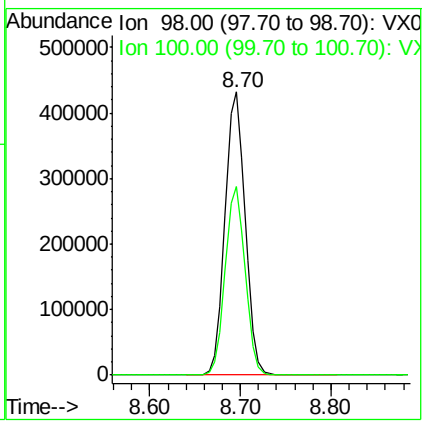


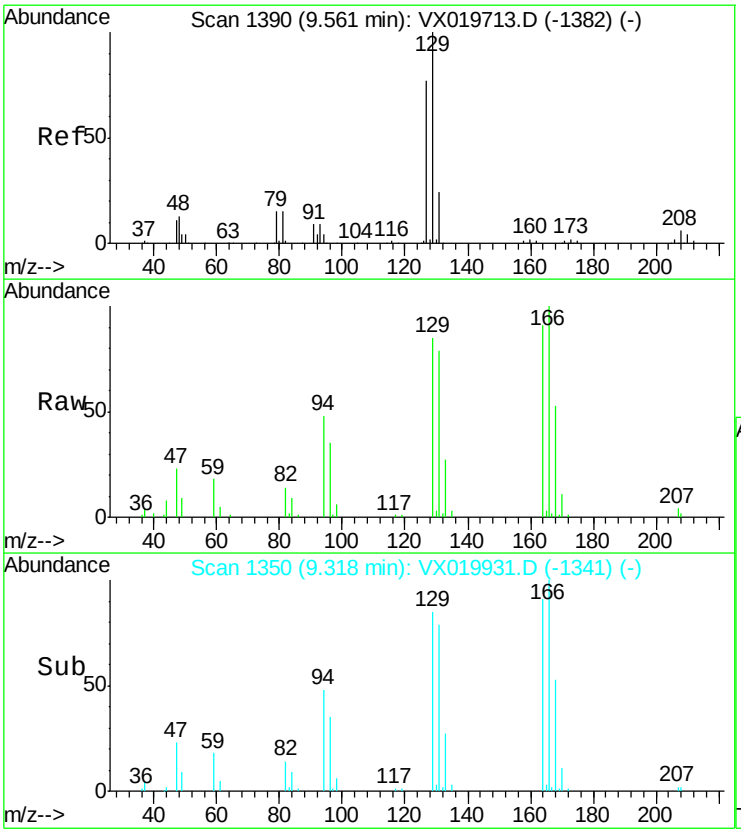
#50
Toluene-d8
Concen: 48.932 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 98 Resp: 666367

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9

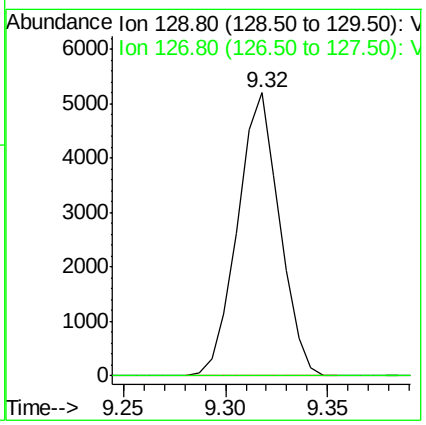


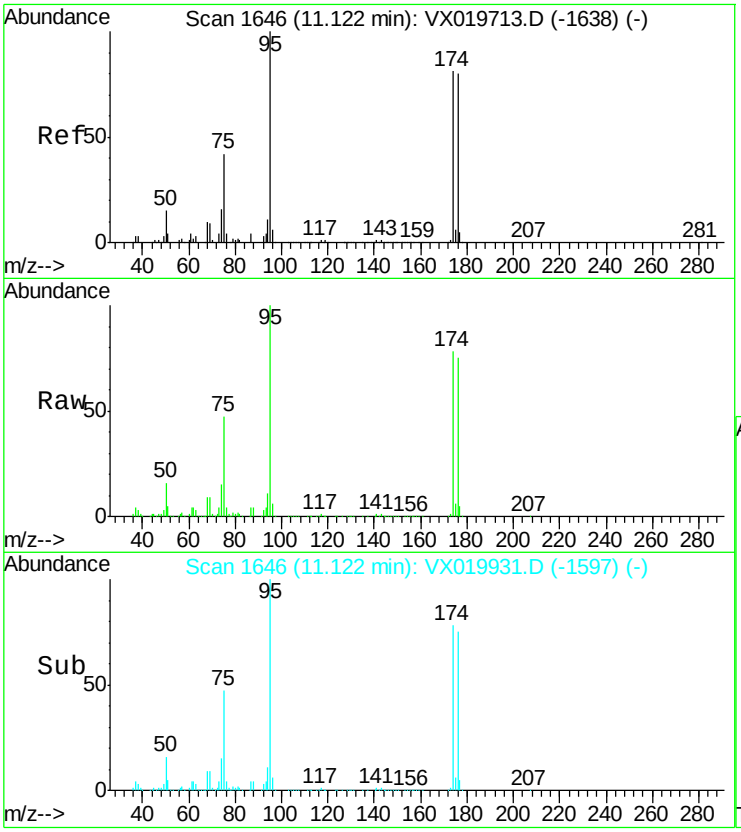


#60
Dibromochloromethane
Concen: 1.904 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion:129 Resp: 7427

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



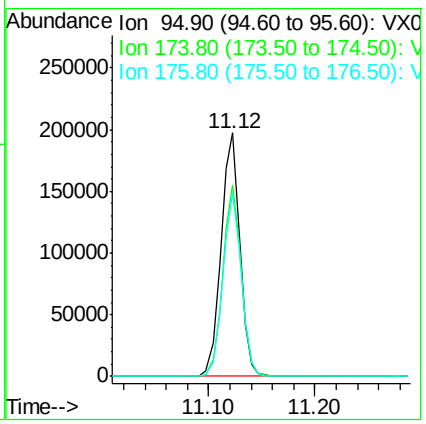


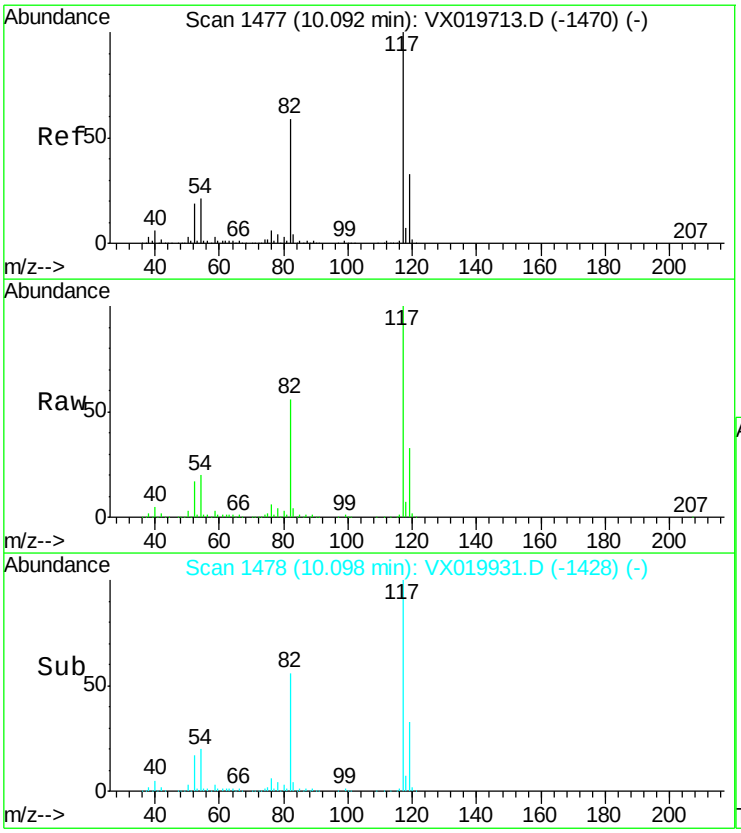
#62
4-Bromofluorobenzene
Concen: 46.766 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 95 Resp: 242398

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	154.6
176	74.2	0.0	155.8

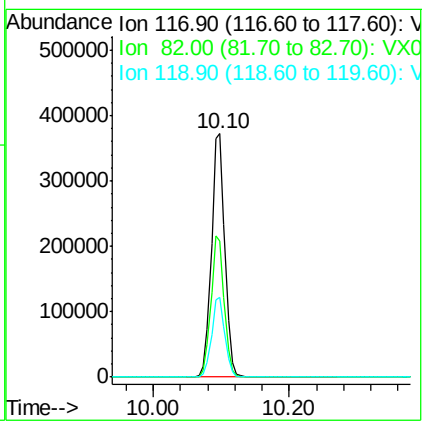


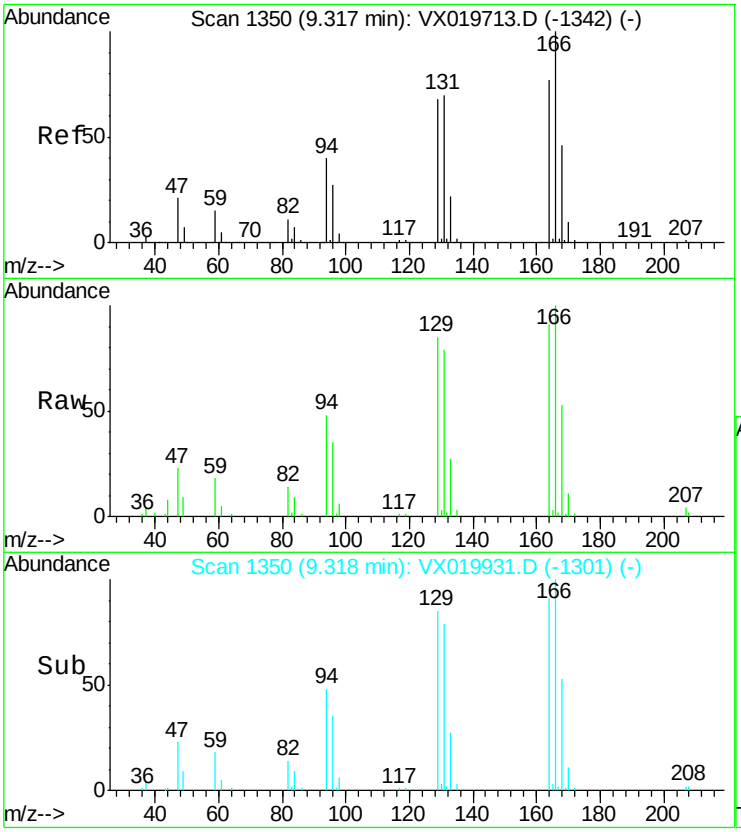


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion:117 Resp: 507633

Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.4	71.2
119	32.6	26.6	39.8



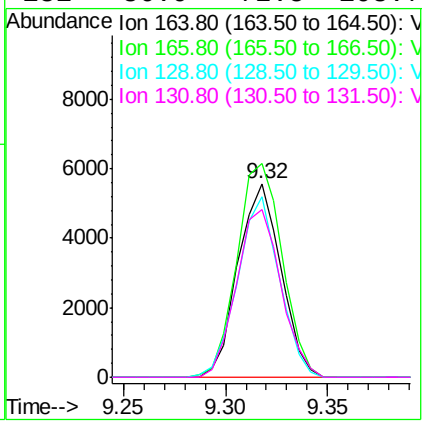


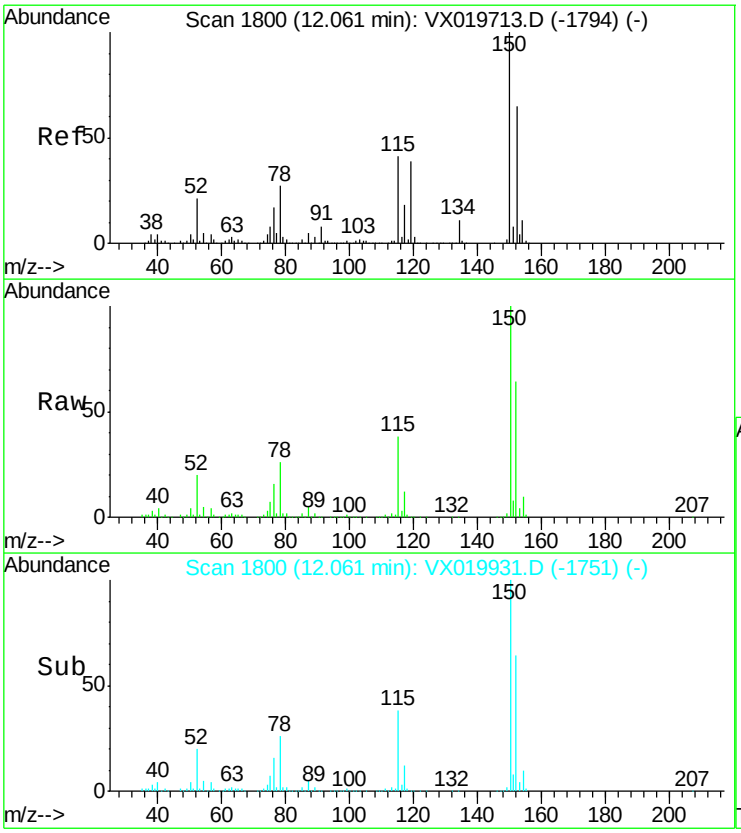
#64
Tetrachloroethene
Concen: 2.389 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion:164 Resp: 8133

Ion	Ratio	Lower	Upper
164	100		
166	110.4	103.4	155.2
129	93.3	70.8	106.2
131	86.9	72.5	108.7

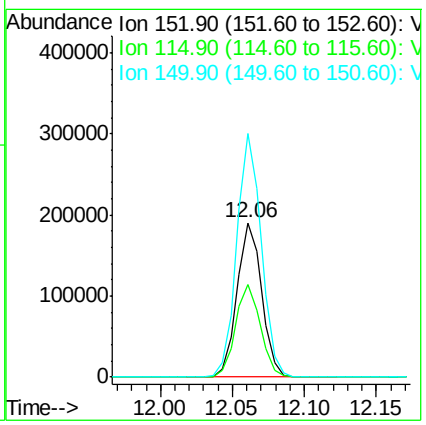


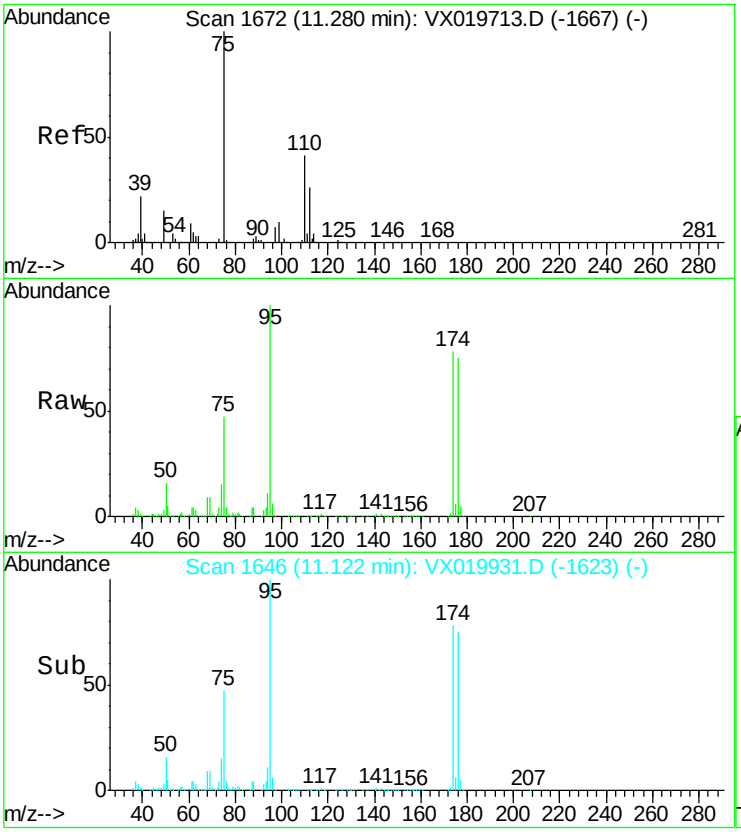


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion:152 Resp: 226882

Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.1	123.3
150	156.9	0.0	349.0



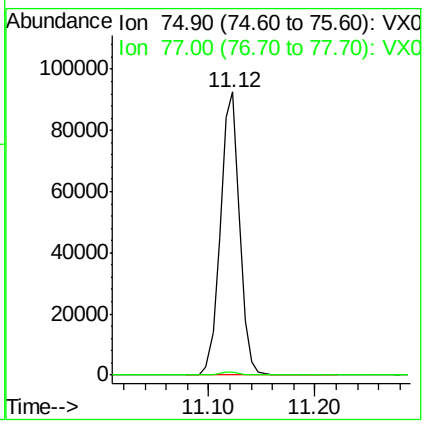


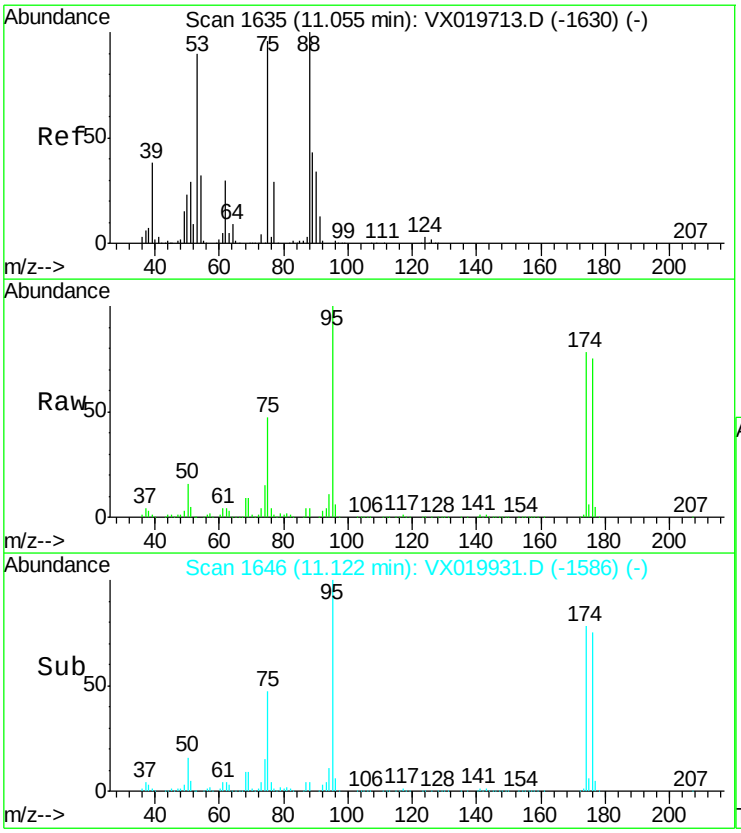
#76
1,2,3-Trichloropropane
Concen: 22.743 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20201208DL

Tgt Ion: 75 Resp: 115730

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.746 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019931.D
Acq: 12 Dec 2020 14:51

Tgt Ion: 75 Resp: 115730

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#