Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014089.D
Acq On : 18 Dec 2019 12:17
Operator : JC/SP
Sample : K6252-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D4-20191209DL

Quant Time: Dec 18 16:17:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	563457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	868973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	761597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	312297	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.80%			
35) Dibromofluoromethane	5.49	113	258364	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	8.71	98	1018390	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.04%			
62) 4-Bromofluorobenzene	11.13	95	334825	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.08%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	1521	0.300	ug/l #	58
6) Chloroethane	1.71	64	1104	0.251	ug/l #	58
8) Diethyl Ether	2.15	74	1410	0.340	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	2.38	101	6853	1.287	ug/l	96
10) Methyl Iodide	2.51	142	1684	2.848	ug/l #	67
11) Tert butyl alcohol	3.01	59	4031	2.921	ug/l	97
12) 1,1-Dichloroethene	2.37	96	1703	0.314	ug/l #	58
13) Acrolein	2.25	56	492	0.623	ug/l #	62
16) Acetone	2.43	43	6795	1.639	ug/l #	80
17) Carbon Disulfide	2.56	76	2257	0.898	ug/l #	59
20) Methylene Chloride	2.84	84	2802	0.429	ug/l #	84
24) 1,1-Dichloroethane	3.68	63	3063	0.285	ug/l #	79
27) cis-1,2-Dichloroethene	4.58	96	3625	0.537	ug/l	95
28) Bromochloromethane	5.00	49	303	0.527	ug/l #	38
31) Cyclohexane	5.65	56	11409	1.196	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	36285	4.551	ug/l #	52
38) Carbon Tetrachloride	5.65	117	50978	7.018	ug/l #	17
44) Trichloroethene	7.21	130	273032	40.293	ug/l	100
49) 1,4-Dioxane	7.73	88	462	3.182	ug/l #	1
52) Toluene	8.78	92	18899	1.219	ug/l	92
64) Tetrachloroethene	9.33	164	5592	0.830	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	165174	23.252	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	165174	65.629	ug/l #	11

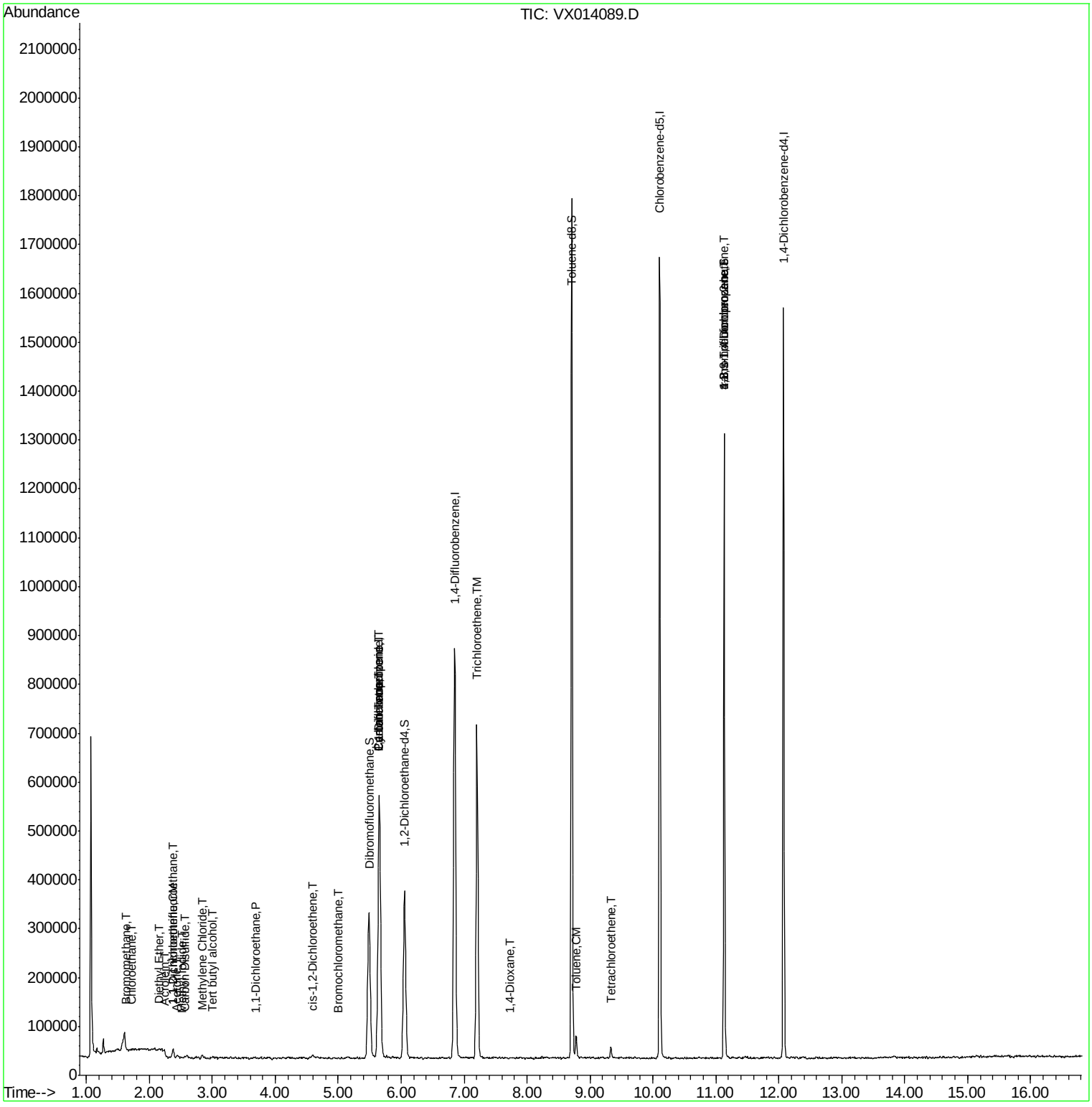
(#) = qualifier out of range (m) = manual integration (+) = signals summed

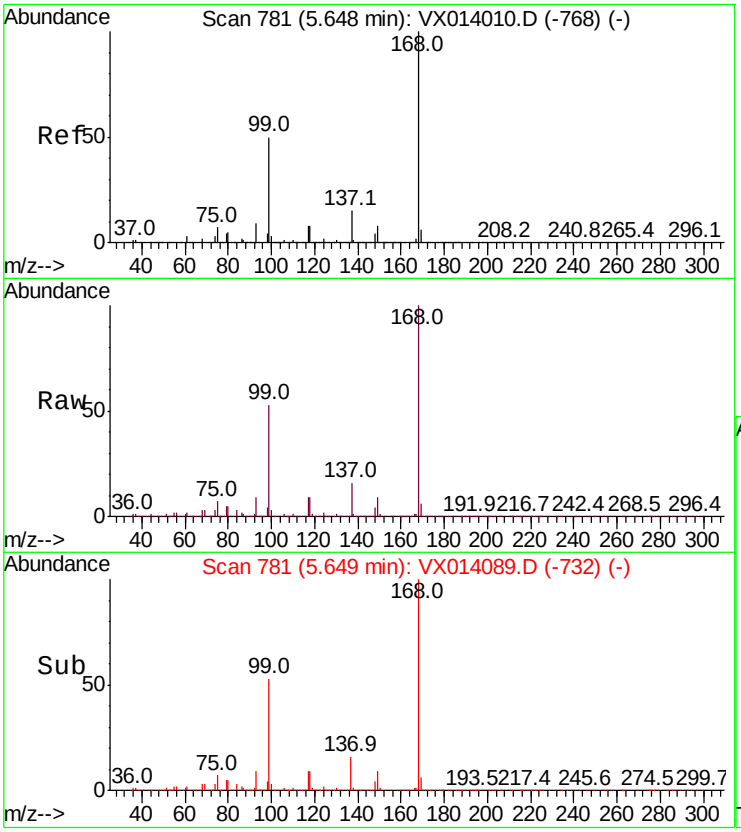
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
Data File : VX014089.D
Acq On : 18 Dec 2019 12:17
Operator : JC/SP
Sample : K6252-02DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Quant Time: Dec 18 16:17:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



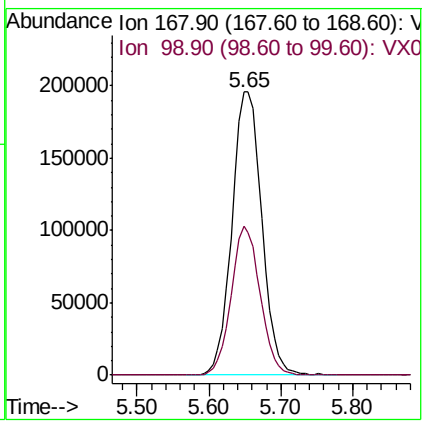


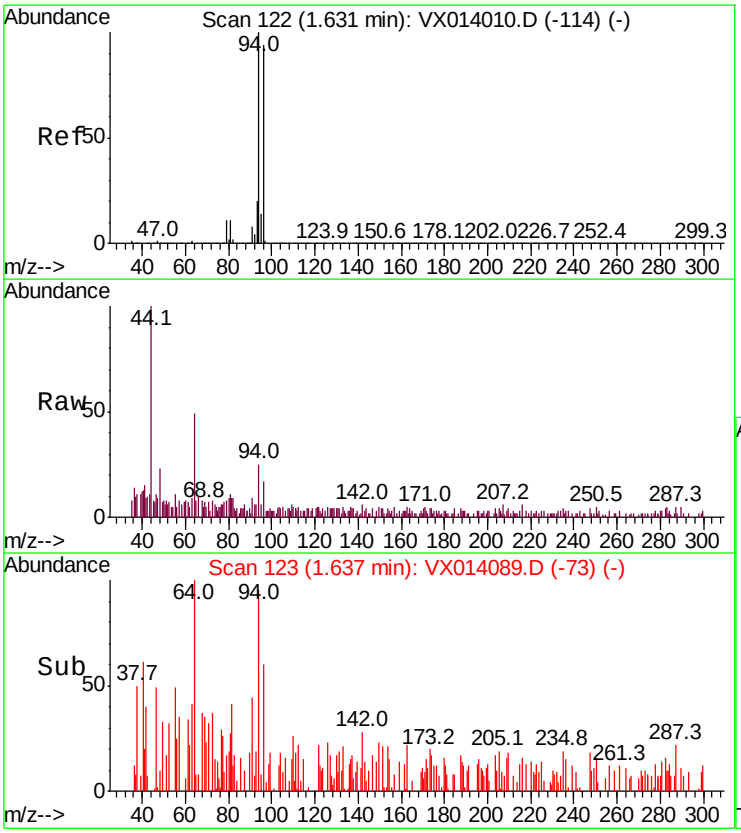
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion:168 Resp: 563457

Ion	Ratio	Lower	Upper
168	100		
99	52.7	40.3	60.5

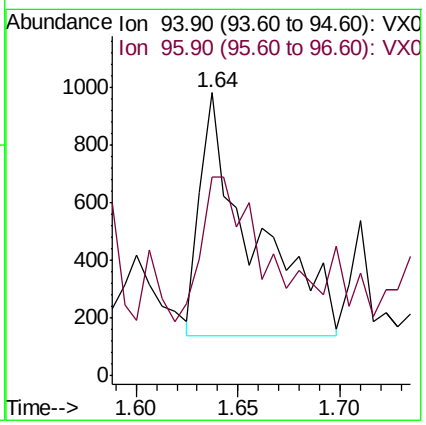


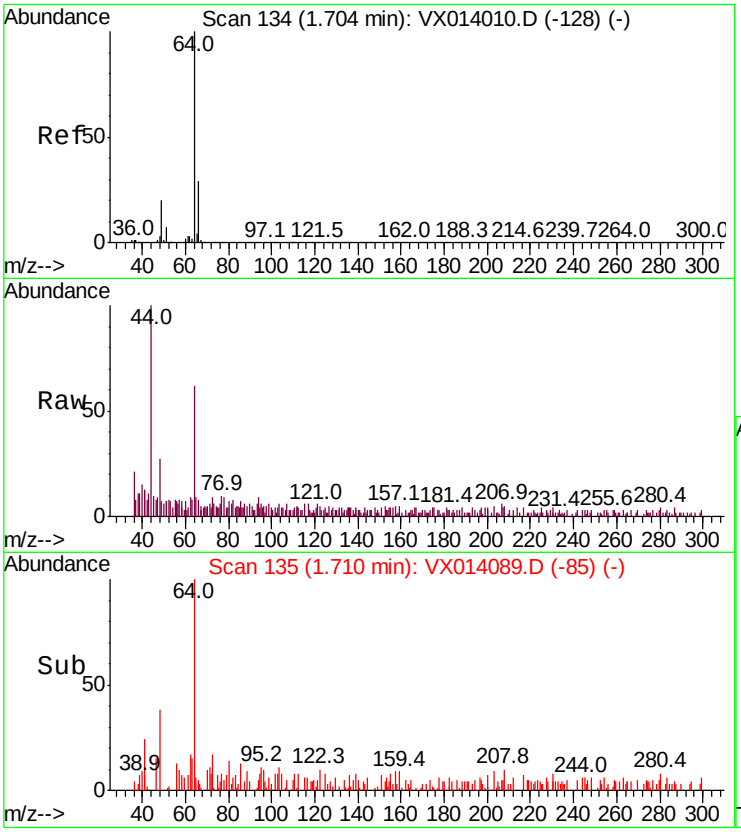


#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 94 Resp: 1521

Ion	Ratio	Lower	Upper
94	100		
96	53.3	75.2	112.8#



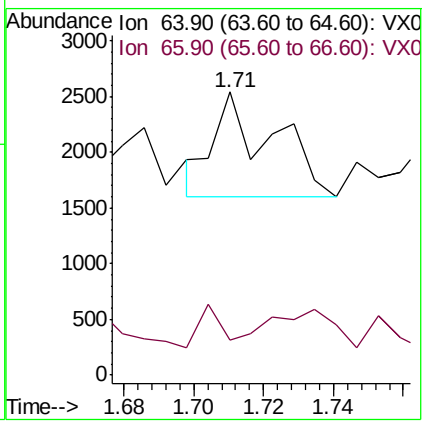


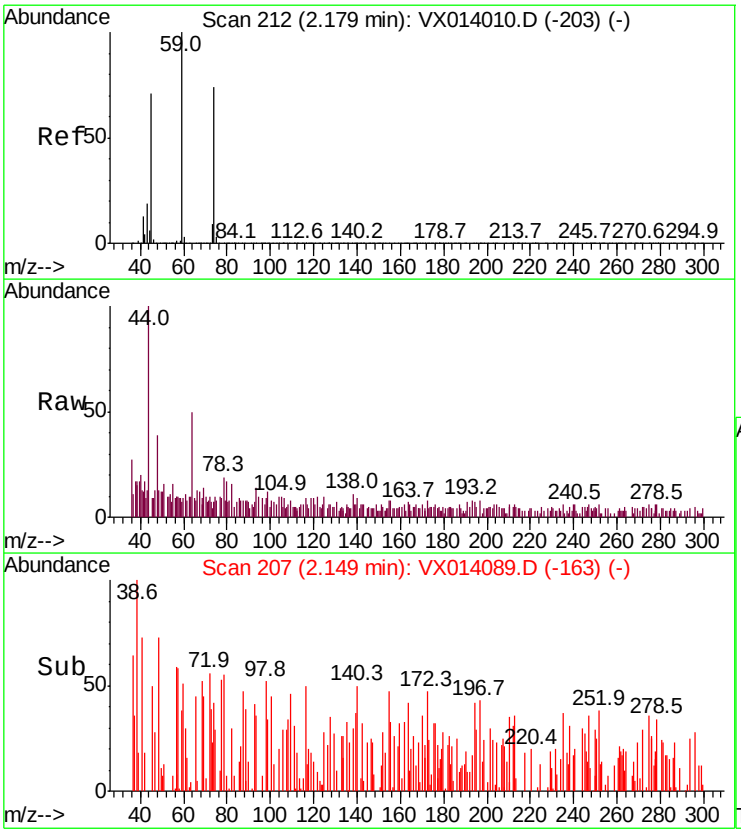
#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 64 Resp: 1104

Ion	Ratio	Lower	Upper
64	100		
66	7.0	23.4	35.2#

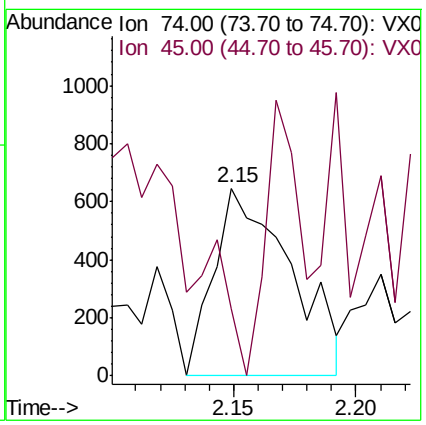


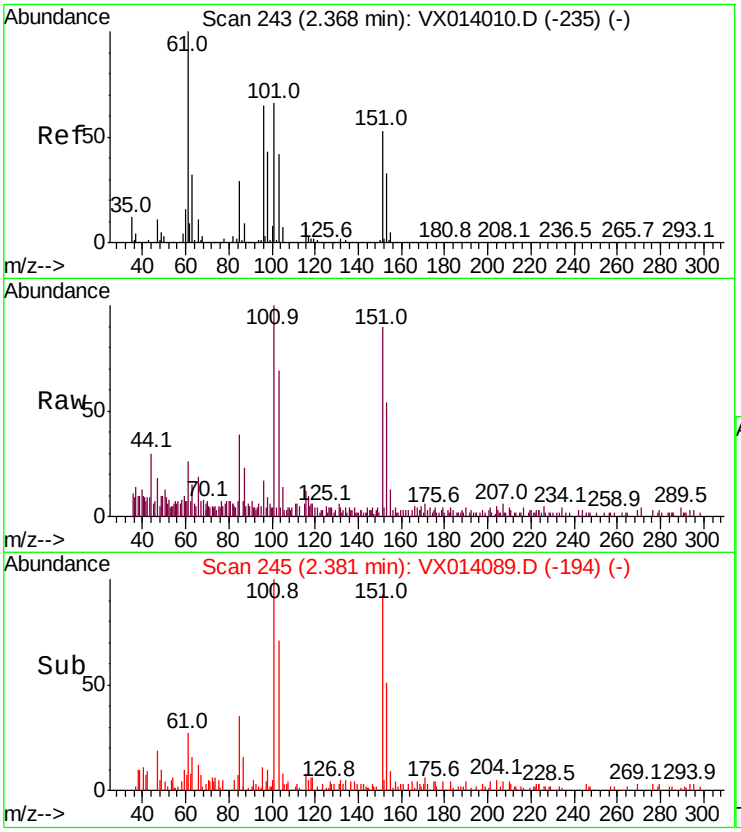


#8
Diethyl Ether
Concen: 0.340 ug/l
RT: 2.15 min Scan# 207
Delta R.T. -0.03 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 74 Resp: 1410

Ion	Ratio	Lower	Upper
74	100		
45	62.1	48.1	144.3



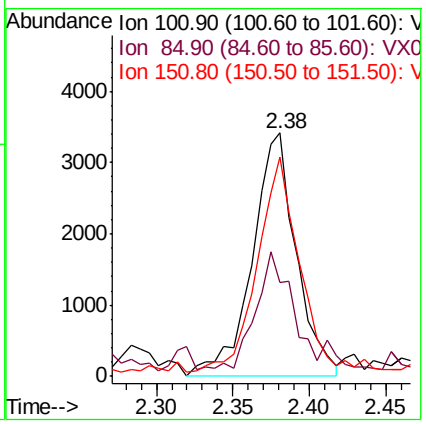


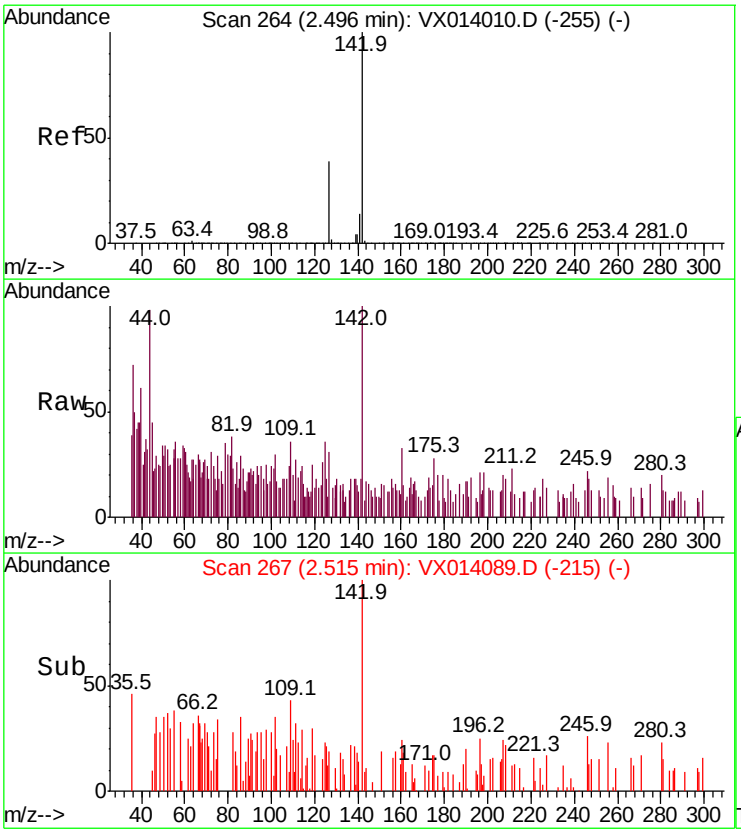
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.287 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion:101 Resp: 6853

Ion	Ratio	Lower	Upper
101	100		
85	38.5	33.7	50.5
151	83.9	64.5	96.7

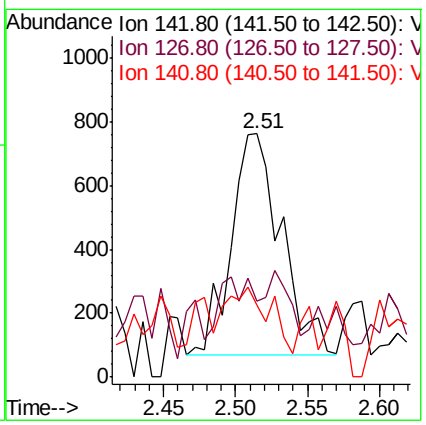


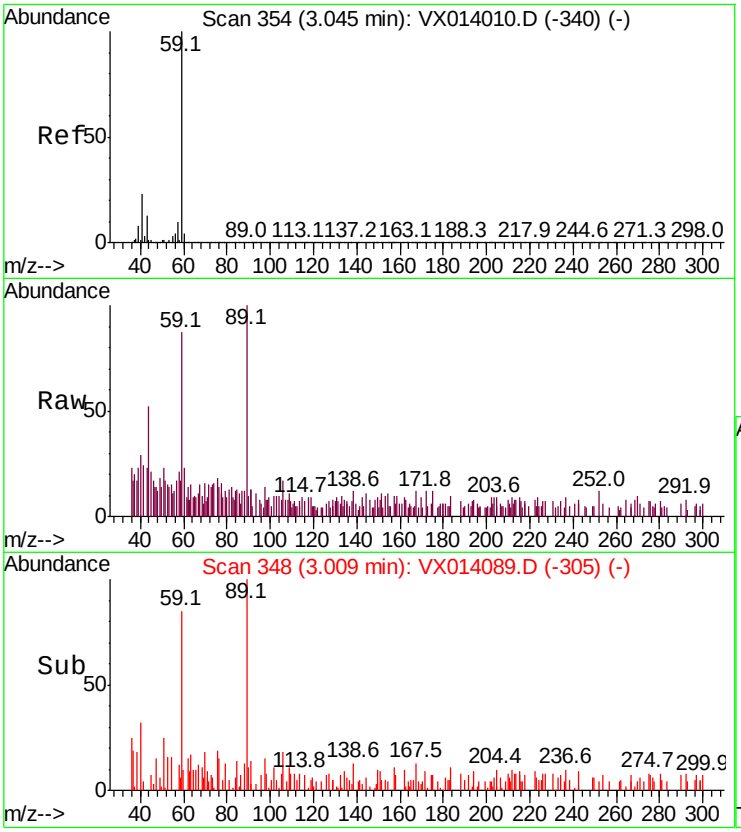


#10
Methyl Iodide
Concen: 2.848 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion:142 Resp: 1684

Ion	Ratio	Lower	Upper
142	100		
127	18.4	31.6	47.4#
141	26.0	11.6	17.4#



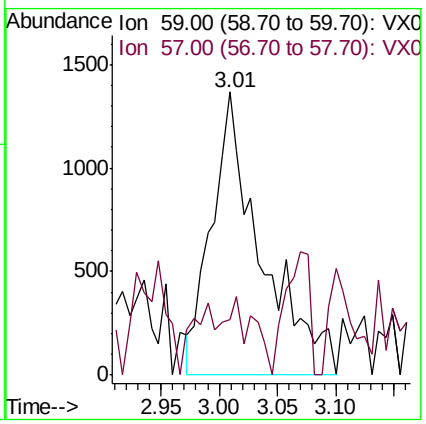


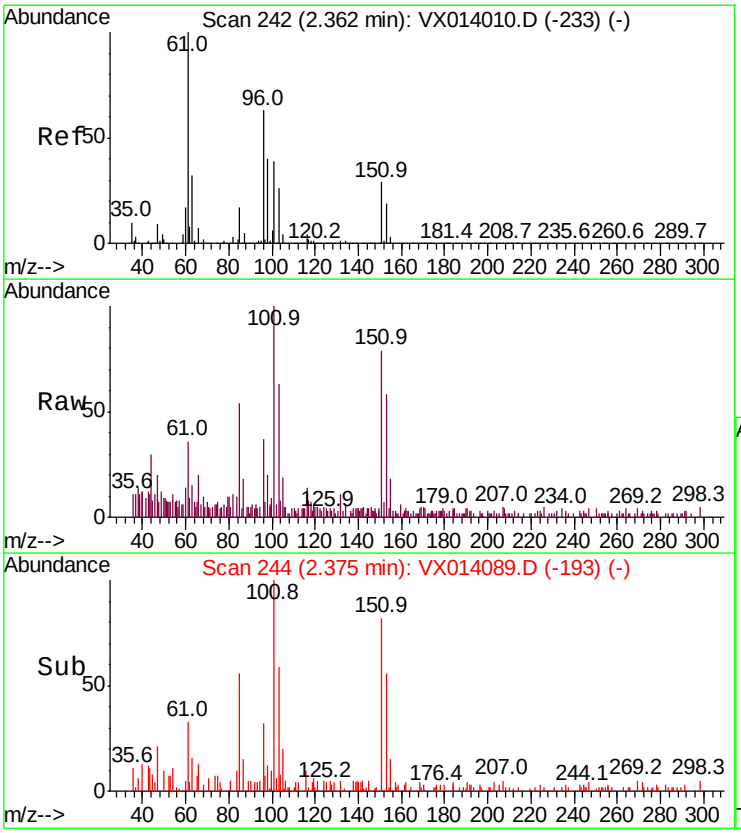
#11
Tert butyl alcohol
Concen: 2.921 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.04 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 59 Resp: 4031

Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.4	12.6

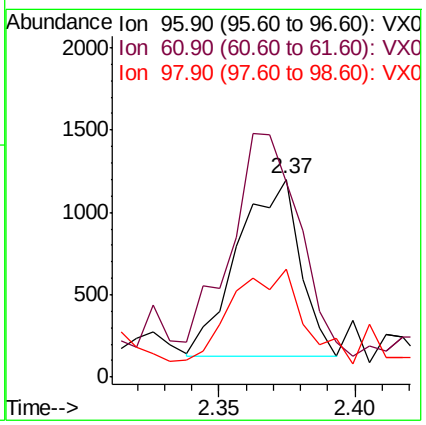


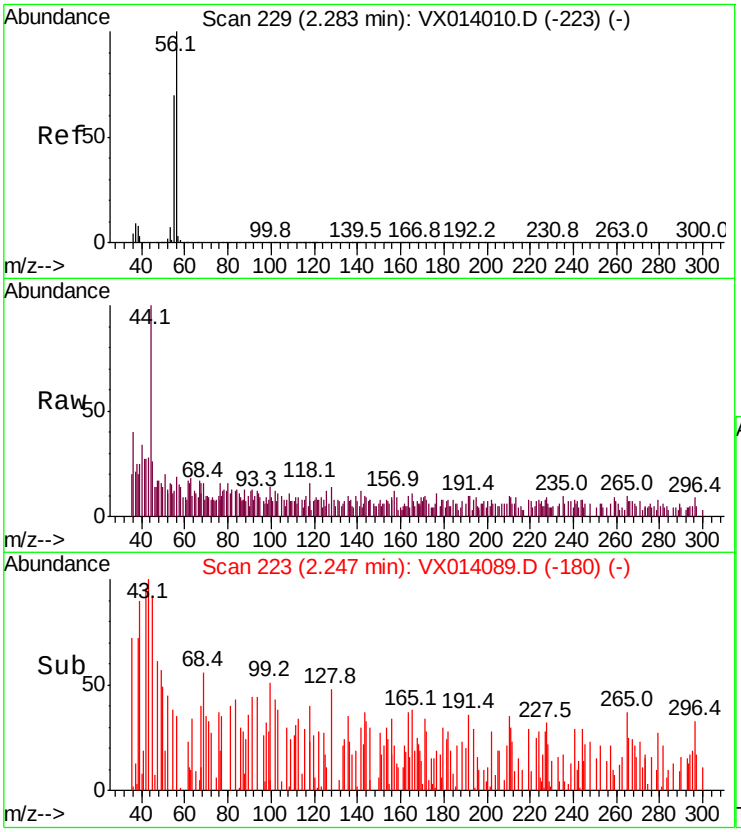


#12
1,1-Dichloroethene
Concen: 0.314 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 96 Resp: 1703

Ion	Ratio	Lower	Upper
96	100		
61	90.8	127.9	191.9#
98	51.3	50.5	75.7



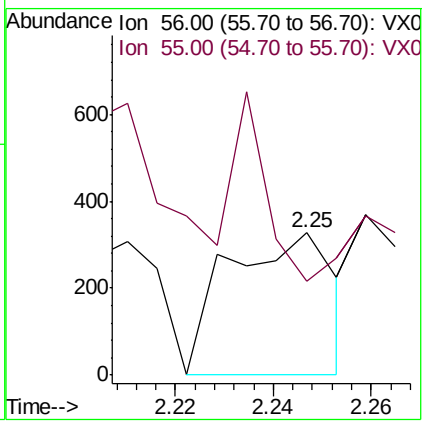


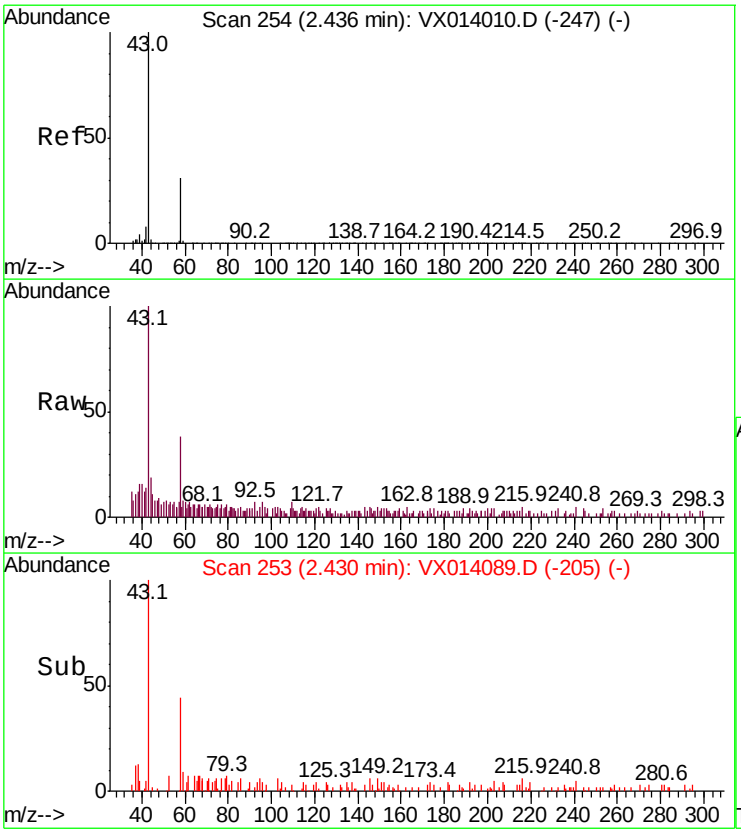
#13
Acrolein
Concen: 0.623 ug/l
RT: 2.25 min Scan# 223
Delta R.T. -0.04 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 56 Resp: 492

Ion	Ratio	Lower	Upper
56	100		
55	39.6	56.9	85.3#

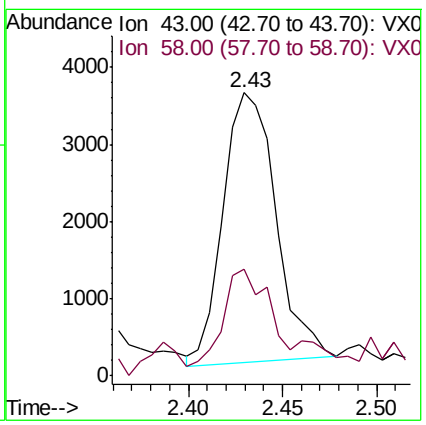


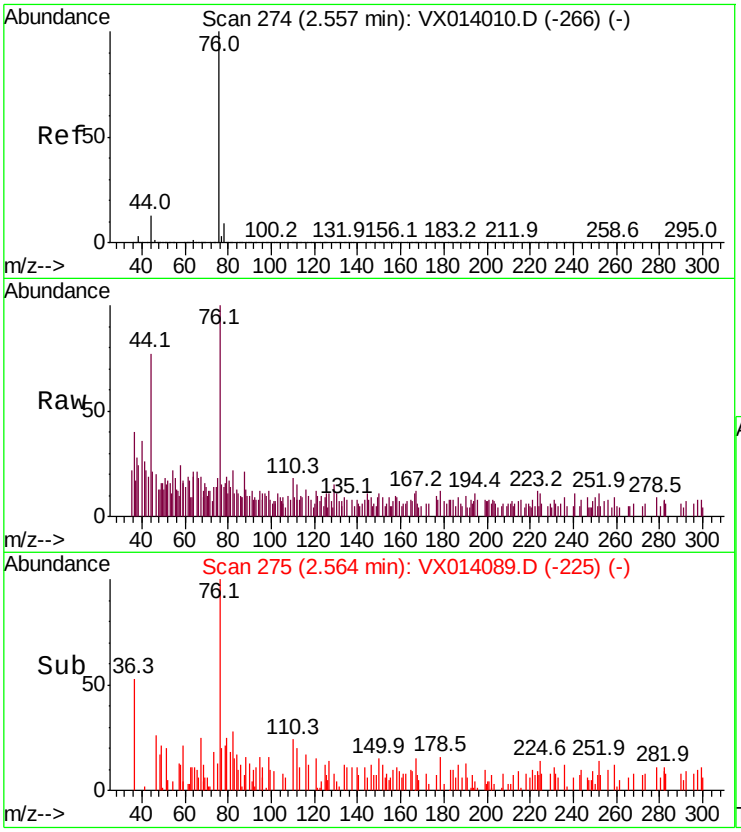


#16
Acetone
Concen: 1.639 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 43 Resp: 6795

Ion	Ratio	Lower	Upper
43	100		
58	41.8	24.9	37.3#



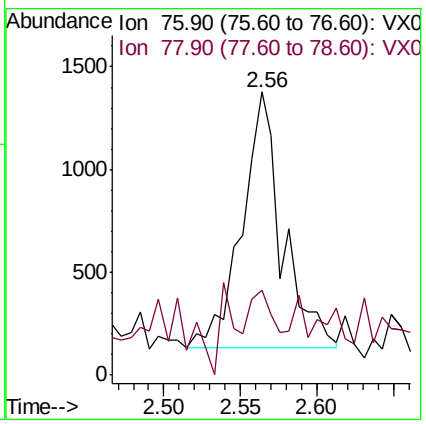


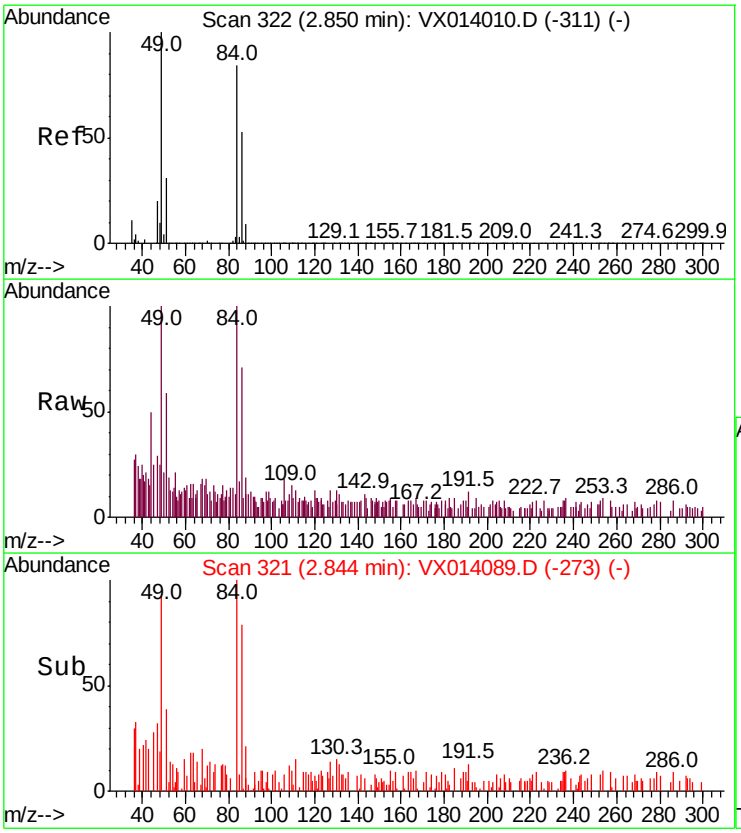
#17
Carbon Disulfide
Concen: 0.898 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 76 Resp: 2257

Ion	Ratio	Lower	Upper
76	100		
78	23.7	7.2	10.8#

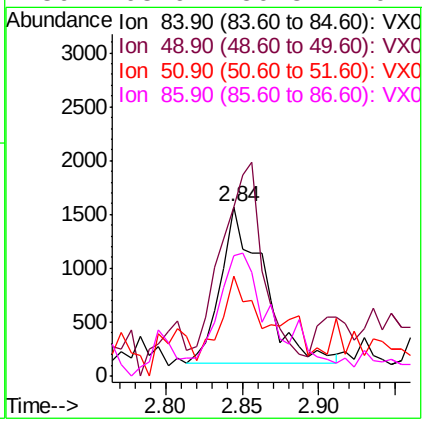


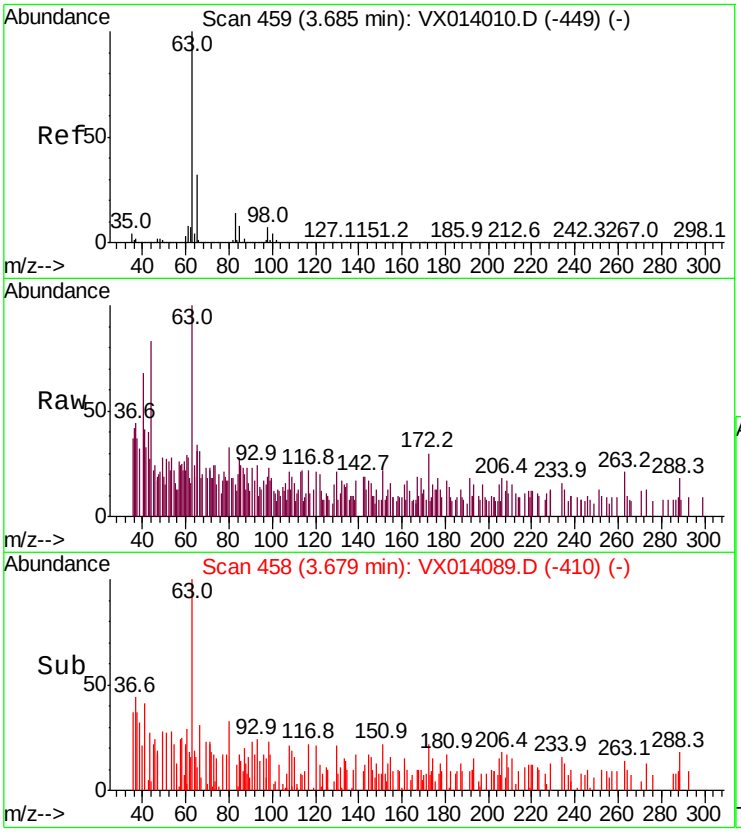


#20
Methylene Chloride
Concen: 0.429 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 84 Resp: 2802

Ion	Ratio	Lower	Upper
84	100		
49	92.1	95.8	143.6#
51	38.9	29.8	44.8
86	68.9	50.8	76.2



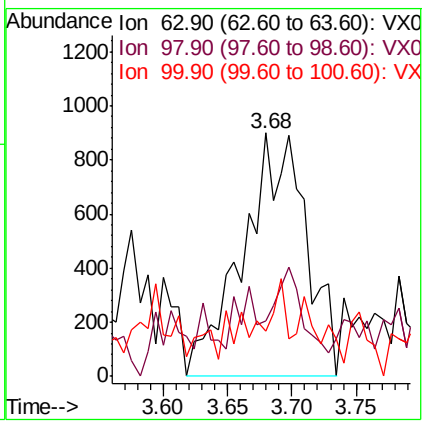


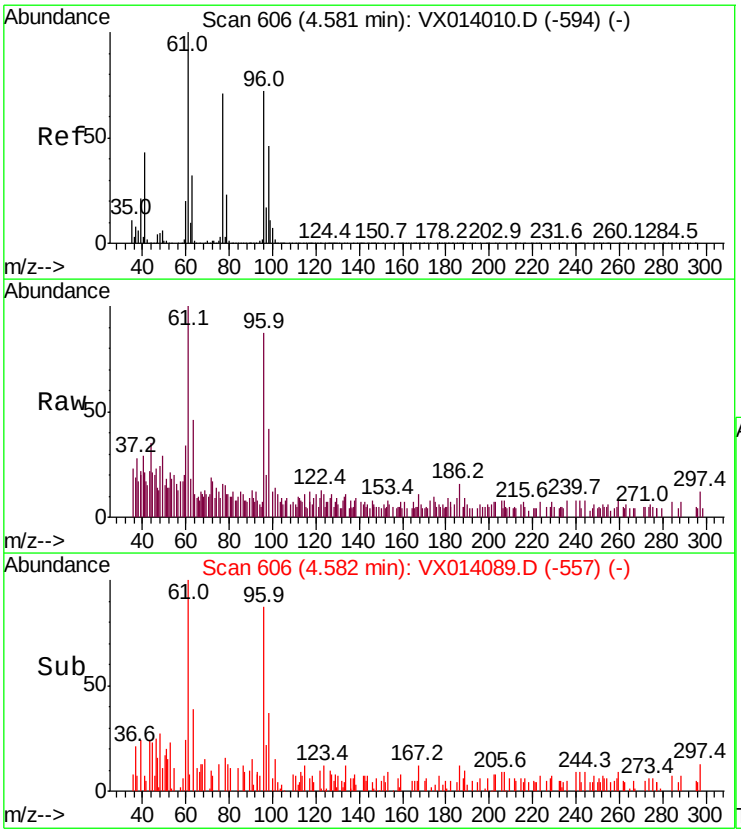
#24
1,1-Dichloroethane
Concen: 0.285 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 63 Resp: 3063

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.8
100	22.0	2.3	6.8#

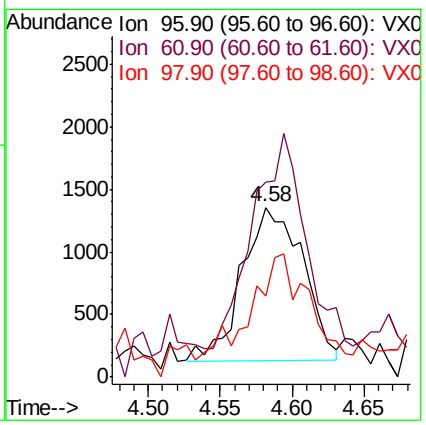


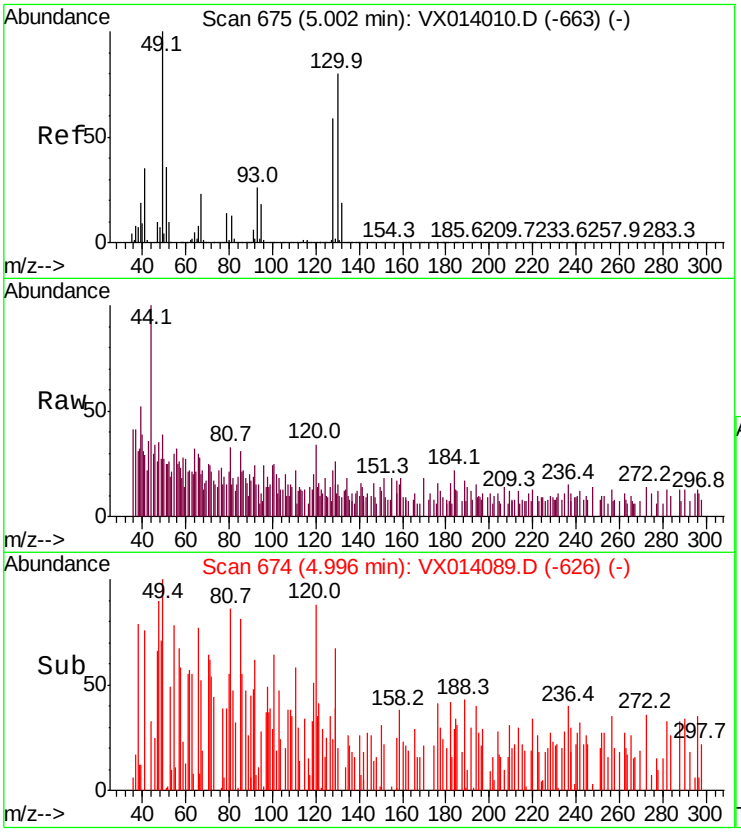


#27
cis-1,2-Dichloroethene
Concen: 0.537 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 96 Resp: 3625

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	288.4
98	53.6	0.0	129.6



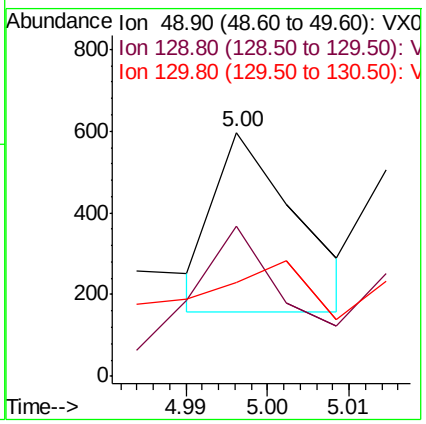


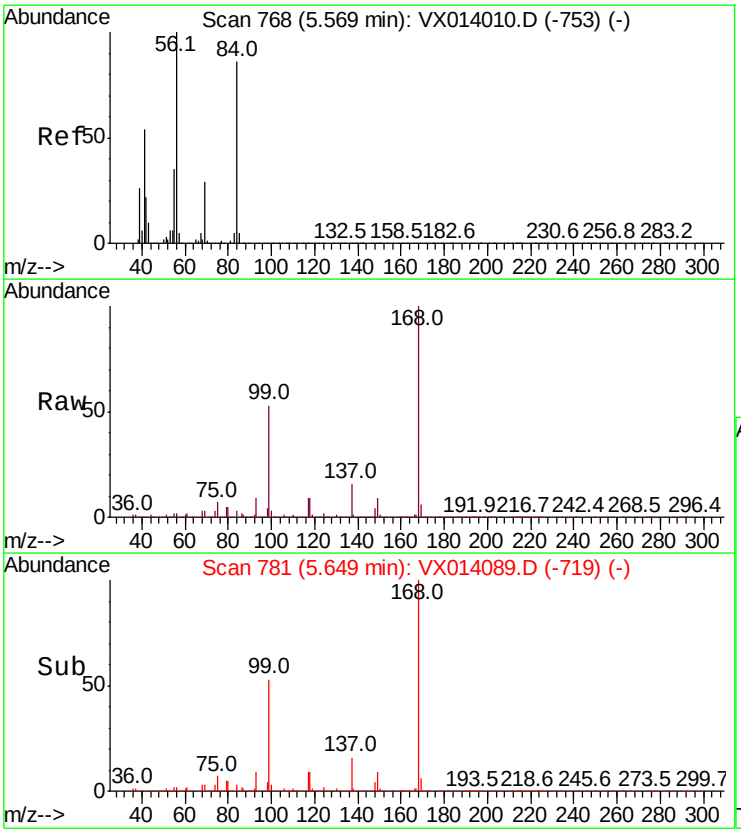
#28
Bromochloromethane
Concen: 0.527 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 49 Resp: 303

Ion	Ratio	Lower	Upper
49	100		
129	73.3	0.0	5.0#
130	30.0	64.6	97.0#

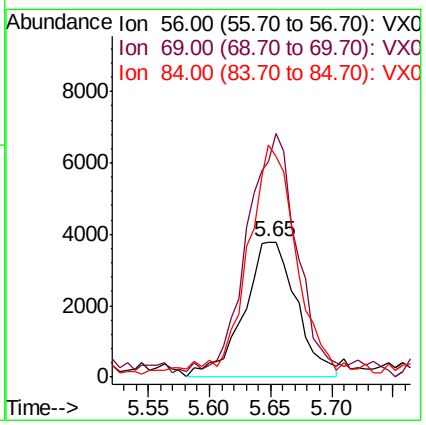


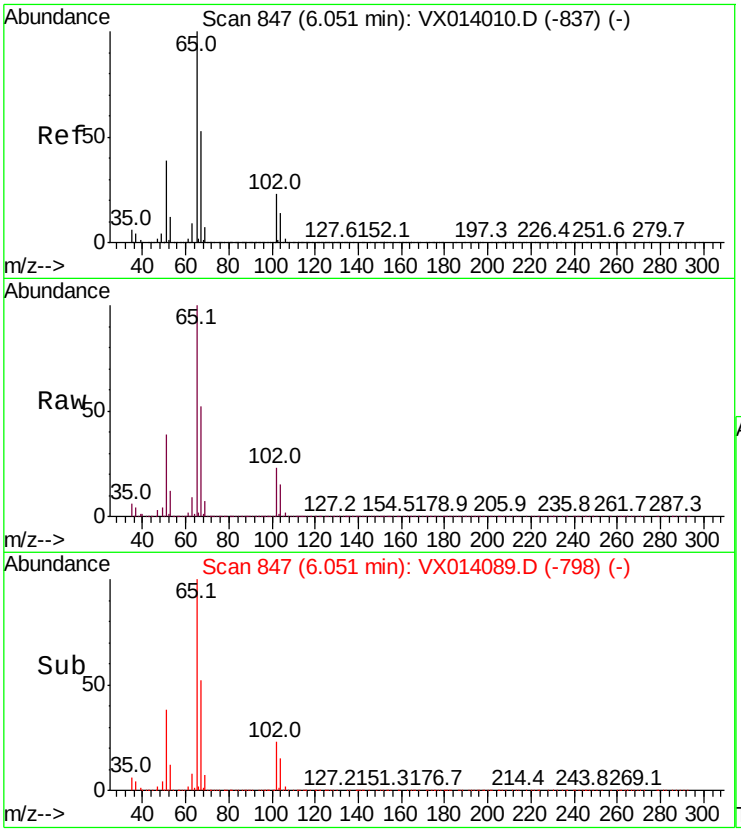


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 56 Resp: 11409

Ion	Ratio	Lower	Upper
56	100		
69	155.2	23.2	34.8#
84	166.1	69.2	103.8#



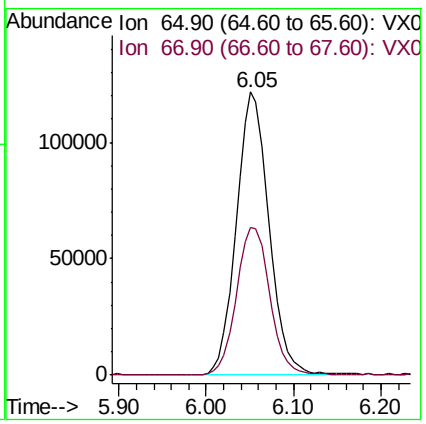


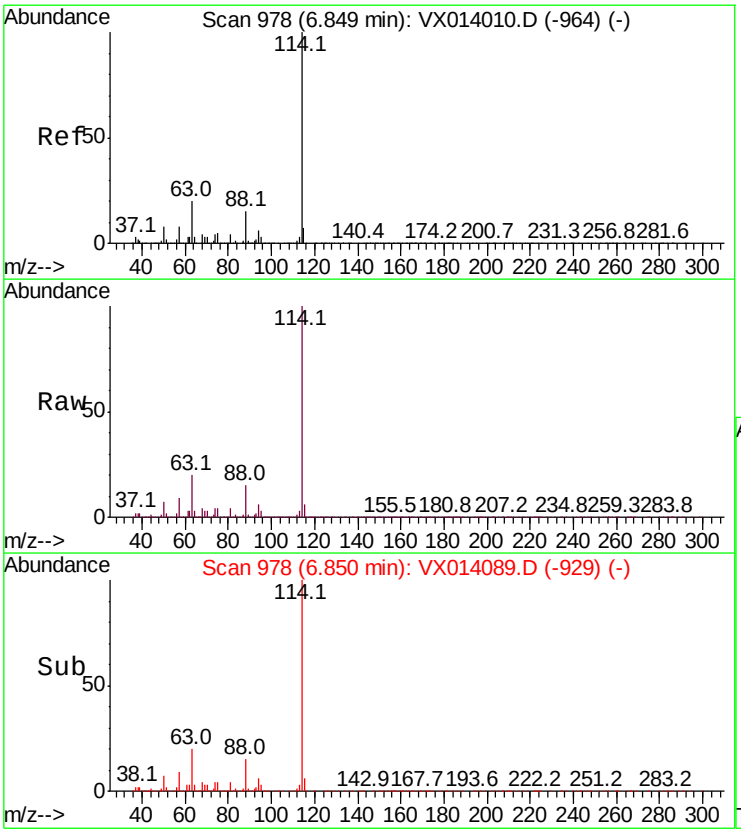
#33
1,2-Dichloroethane-d4
Concen: 48.903 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 65 Resp: 312297

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.4

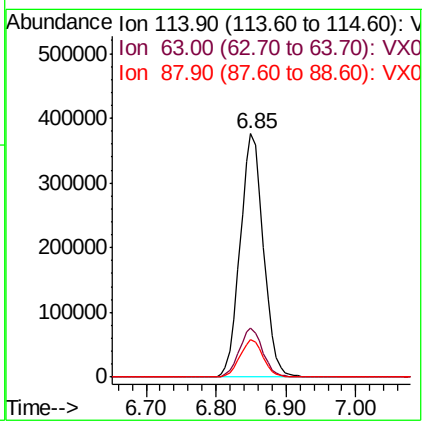


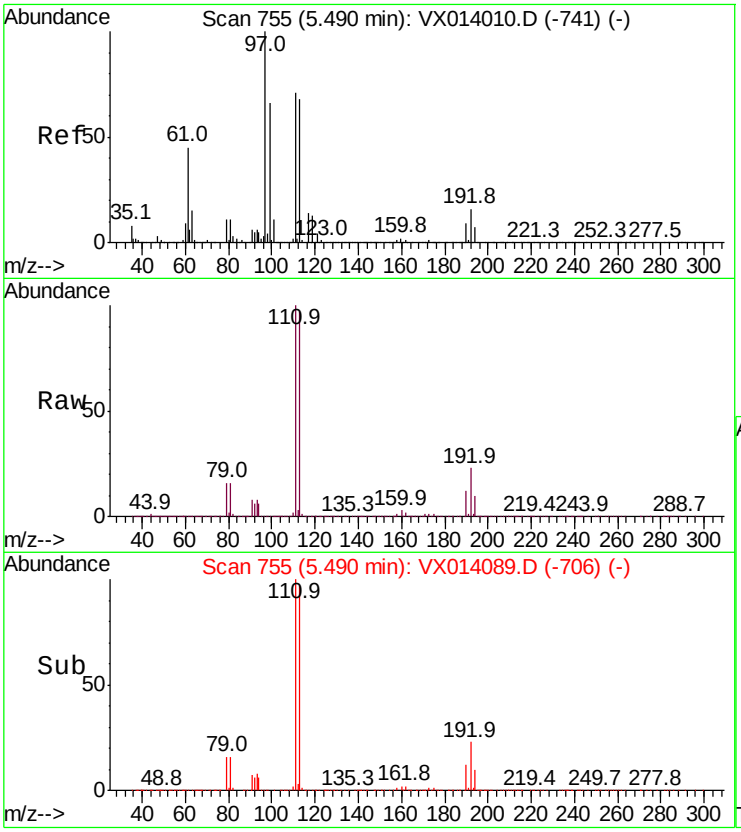


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion:114 Resp: 868973

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	15.4	0.0	30.4



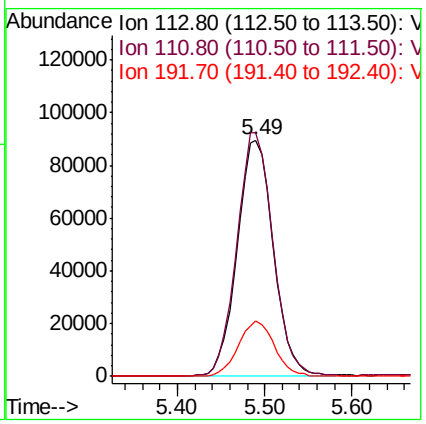


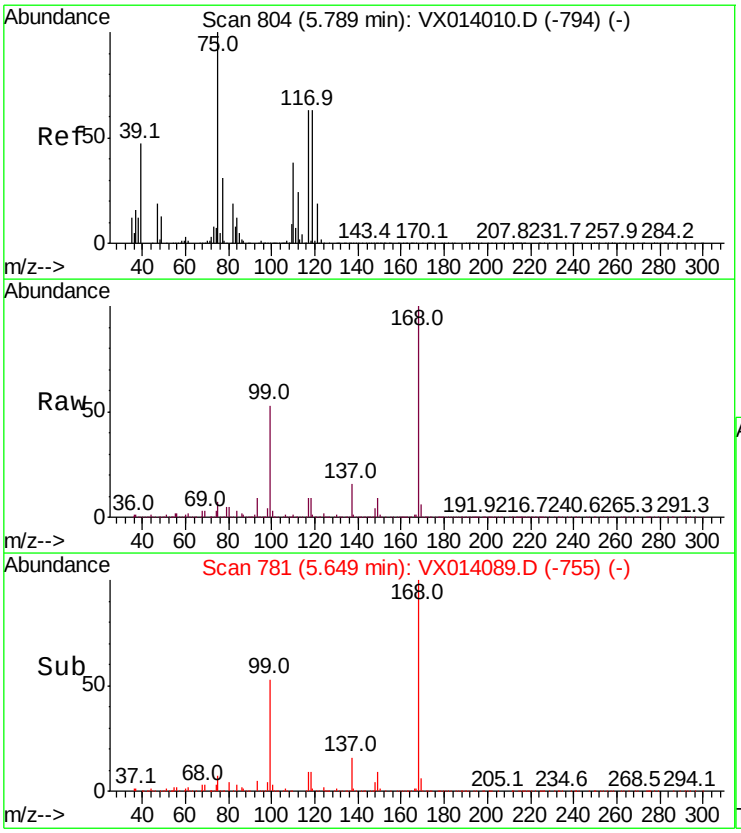
#35
Dibromofluoromethane
Concen: 48.910 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion:113 Resp: 258364

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.4	19.3	28.9

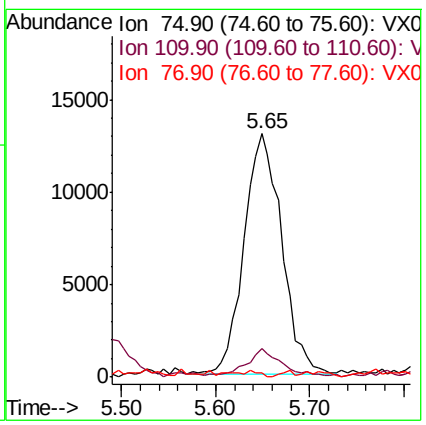


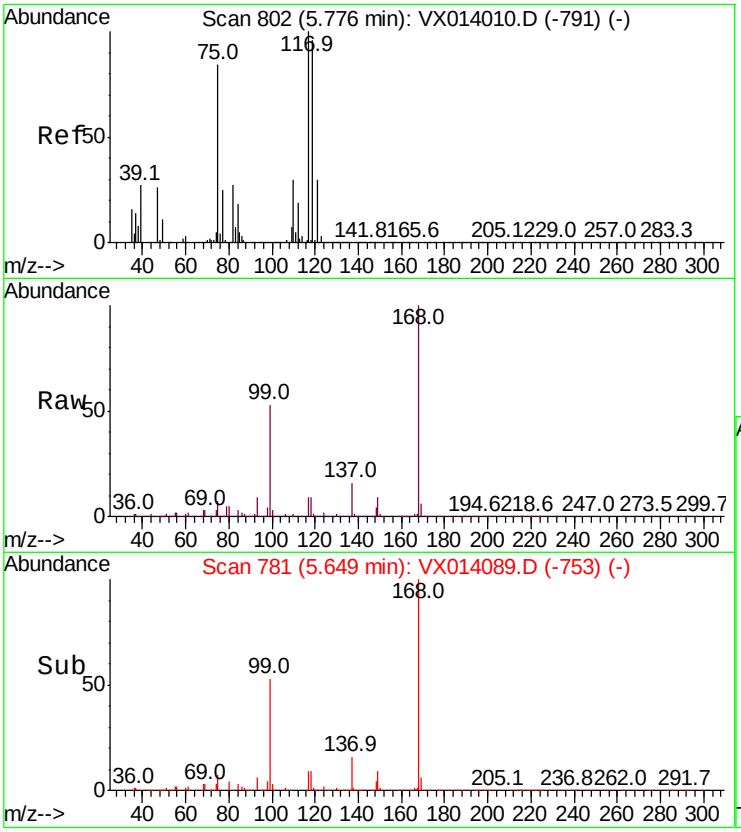


#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 75 Resp: 36285

Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.3	54.9#
77	0.8	24.8	37.2#



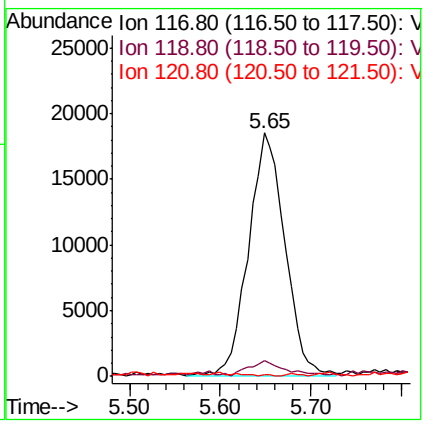


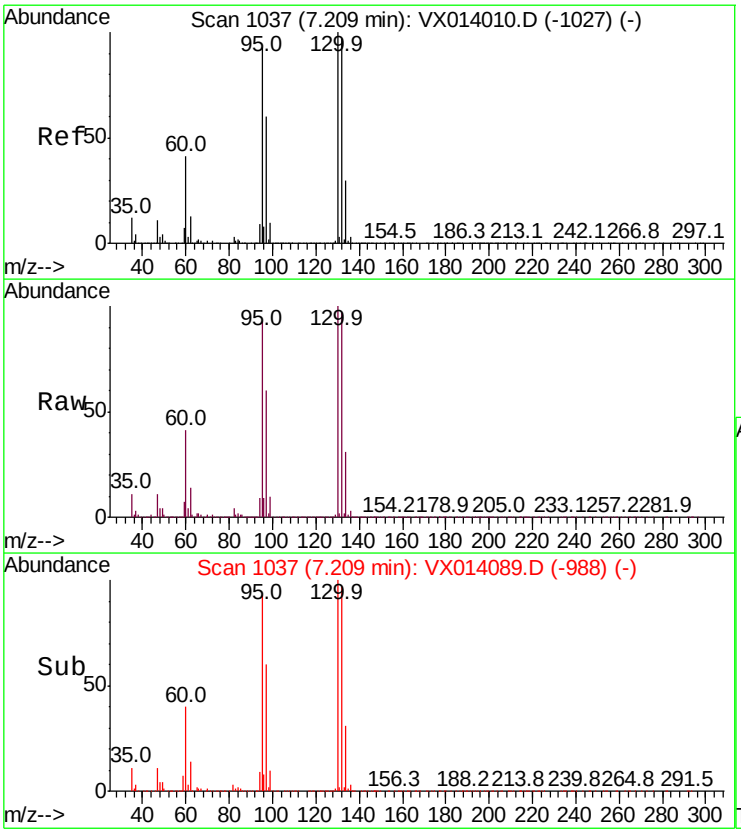
#38
Carbon Tetrachloride
Concen: 7.018 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion:117 Resp: 50978

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.2	114.4#
121	0.0	23.6	35.4#

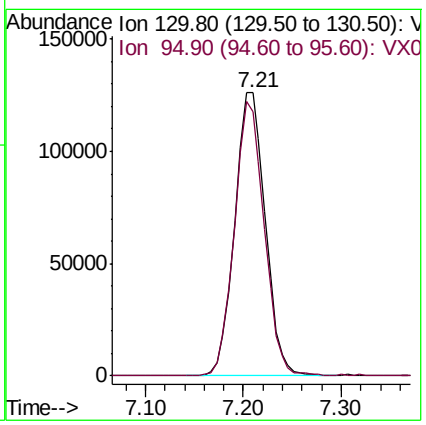


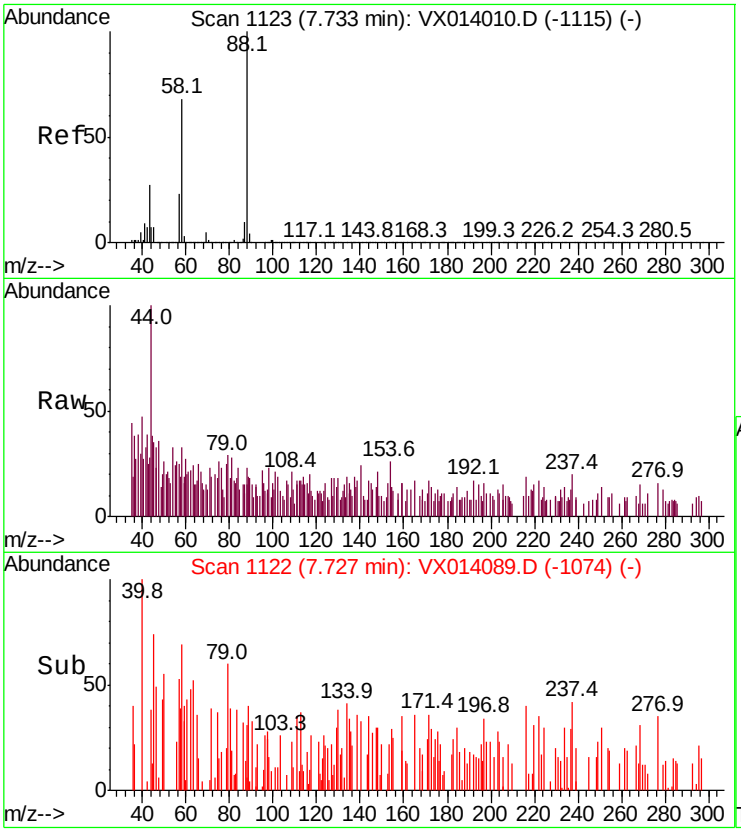


#44
Trichloroethene
Concen: 40.293 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion:130 Resp: 273032

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	185.6



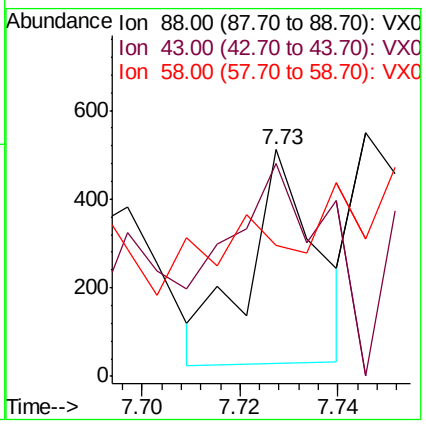


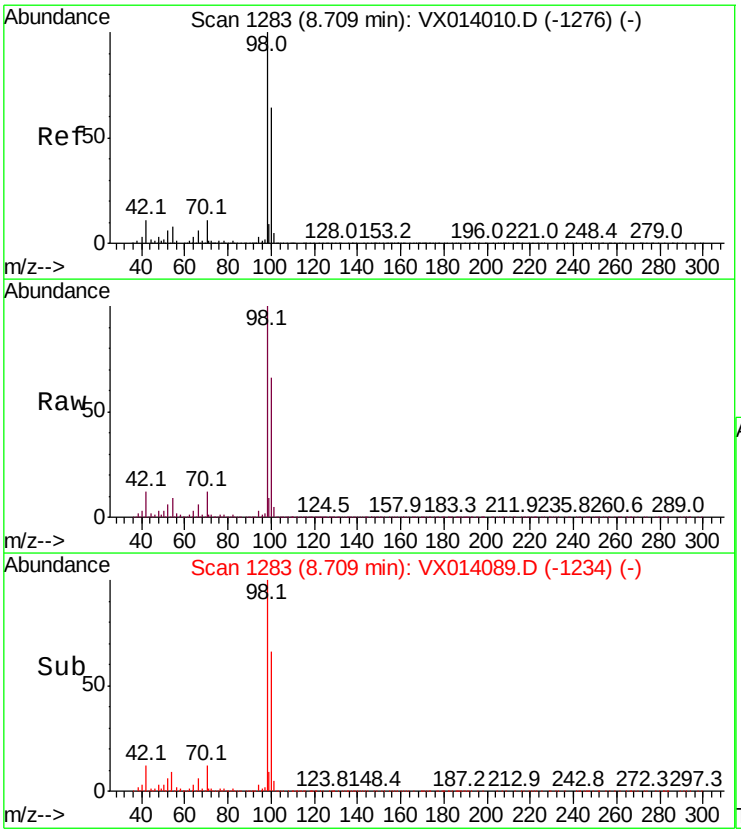
#49
1,4-Dioxane
Concen: 3.182 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 88 Resp: 462

Ion	Ratio	Lower	Upper
88	100		
43	143.7	26.5	39.7#
58	0.0	56.8	85.2#

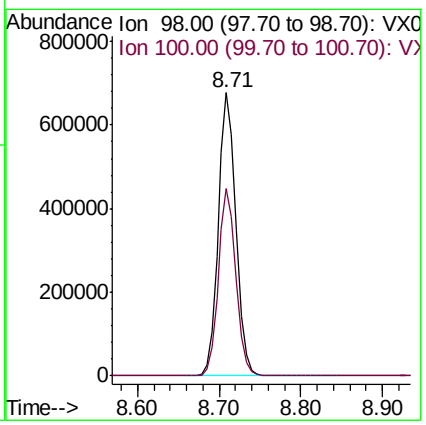


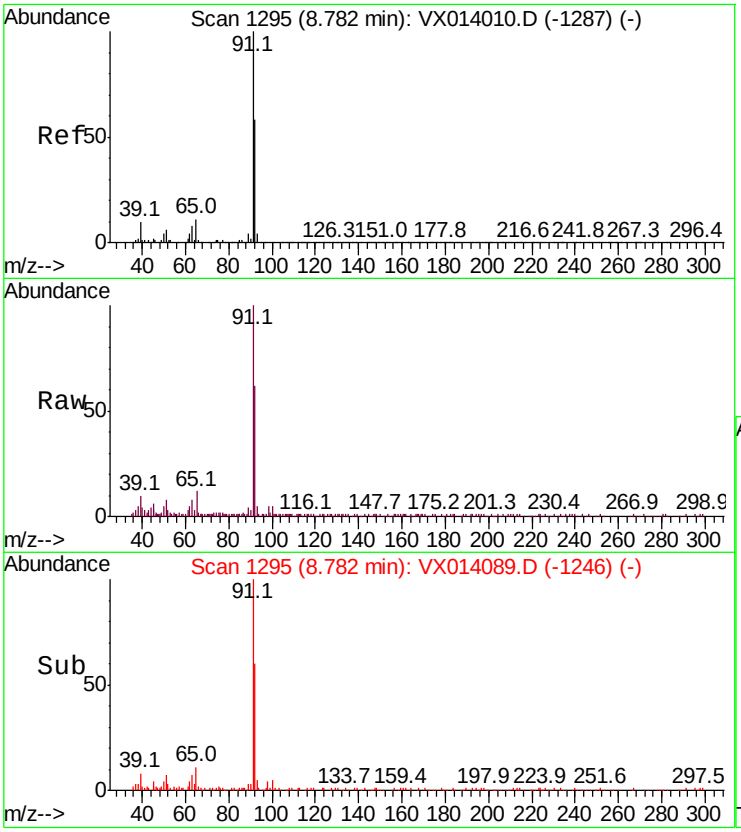


#50
Toluene-d8
Concen: 49.519 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 98 Resp: 1018390

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3



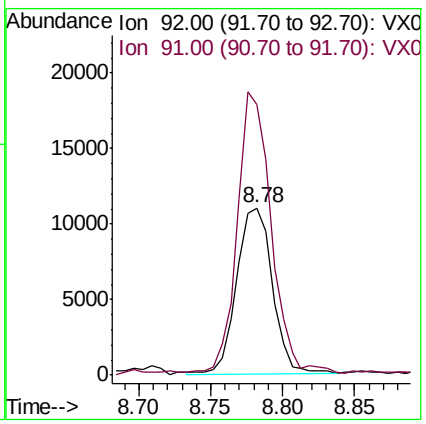


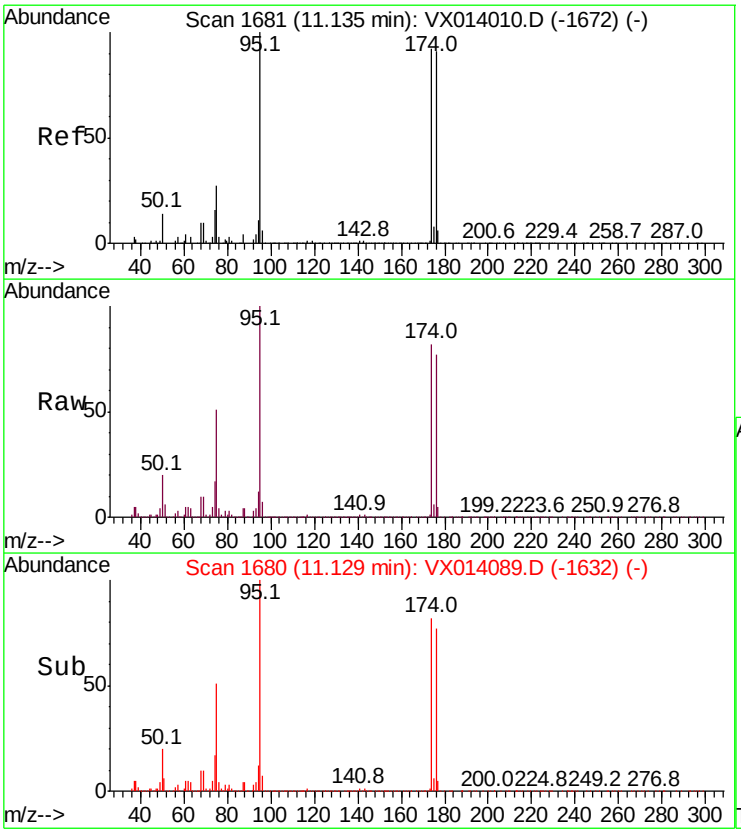
#52
Toluene
Concen: 1.219 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 92 Resp: 18899

Ion	Ratio	Lower	Upper
92	100		
91	159.7	136.2	204.4

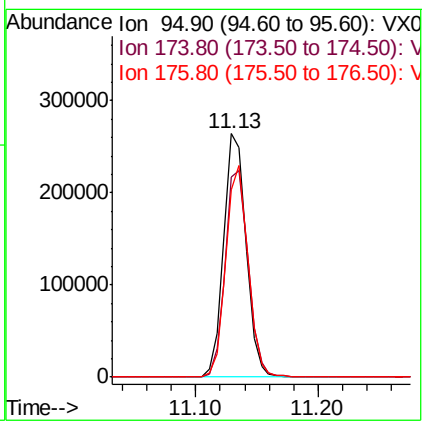


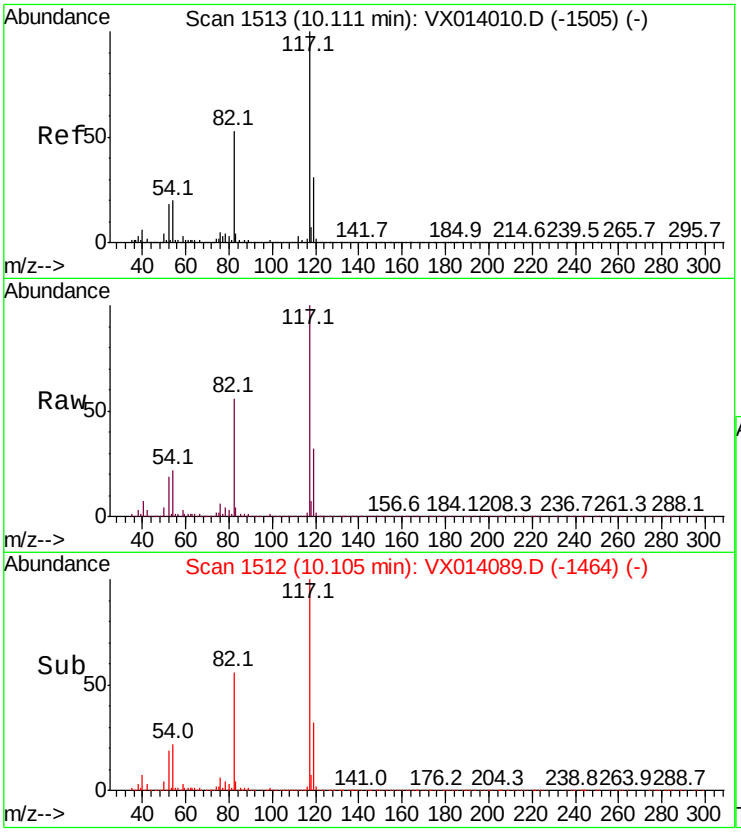


#62
4-Bromofluorobenzene
Concen: 44.538 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 95 Resp: 334825

Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	175.8
176	85.7	0.0	173.0



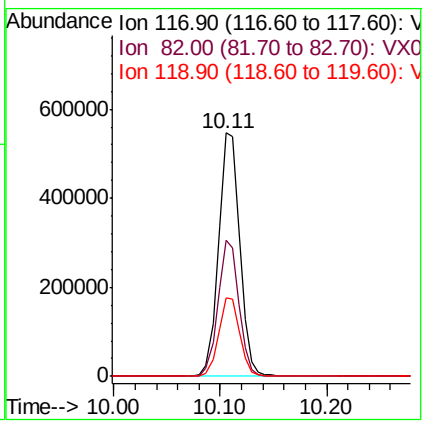


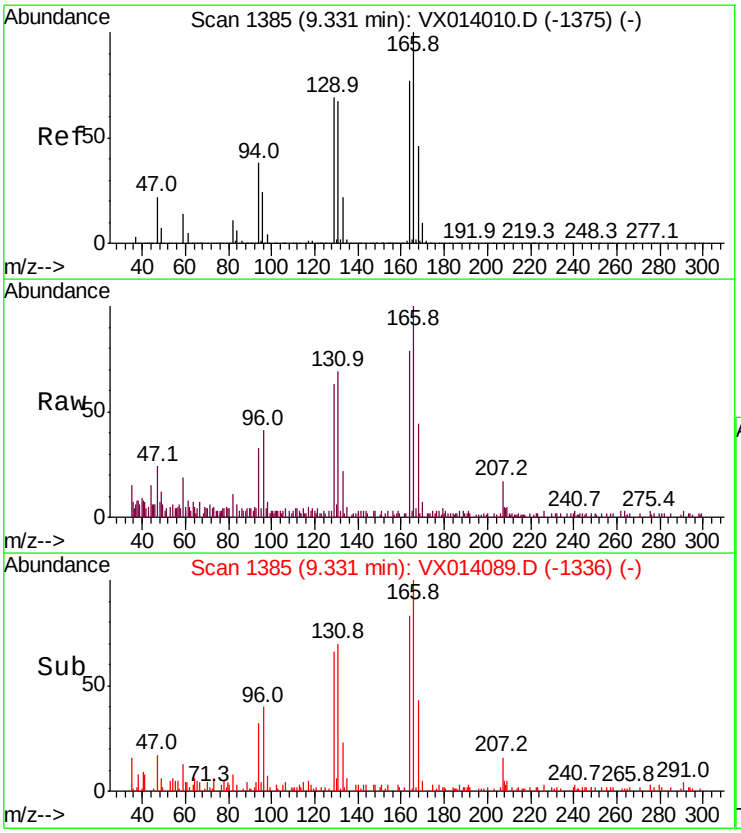
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion:117 Resp: 761597

Ion	Ratio	Lower	Upper
117	100		
82	55.9	42.2	63.4
119	32.0	25.1	37.7

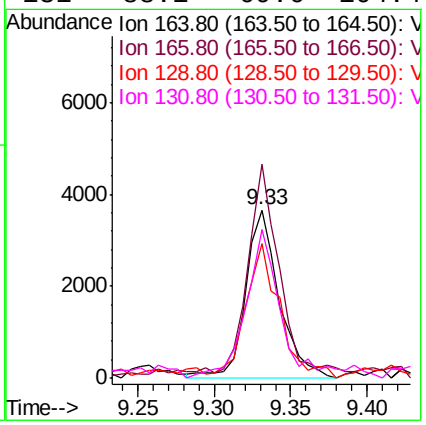


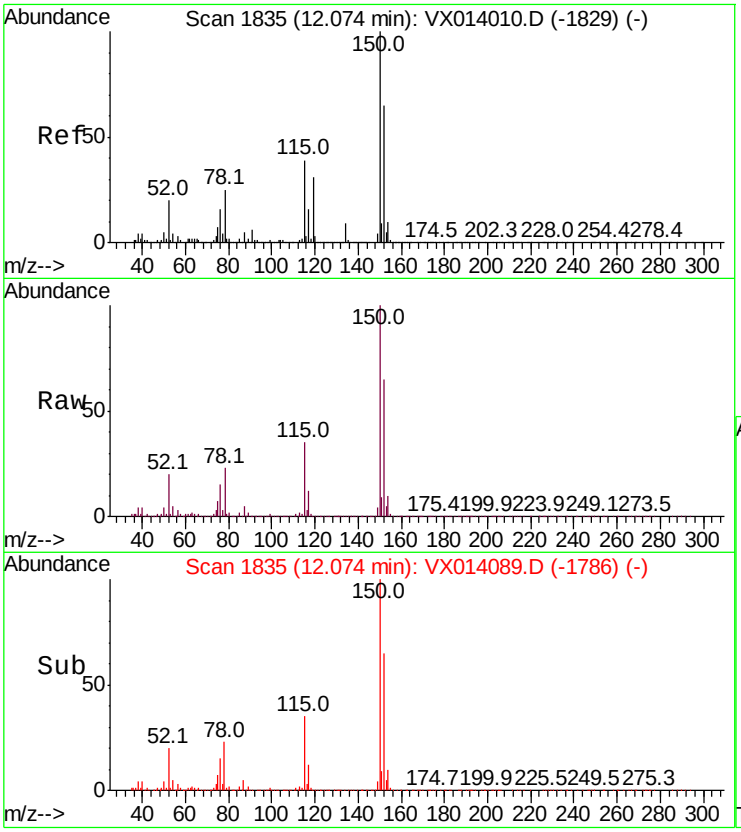


#64
Tetrachloroethene
Concen: 0.830 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion:164 Resp: 5592

Ion	Ratio	Lower	Upper
164	100		
166	123.3	104.0	156.0
129	79.7	72.2	108.4
131	88.1	69.6	104.4



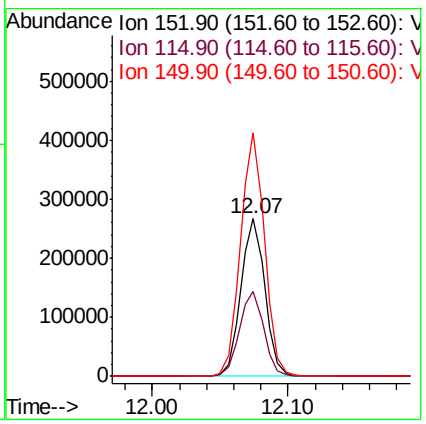


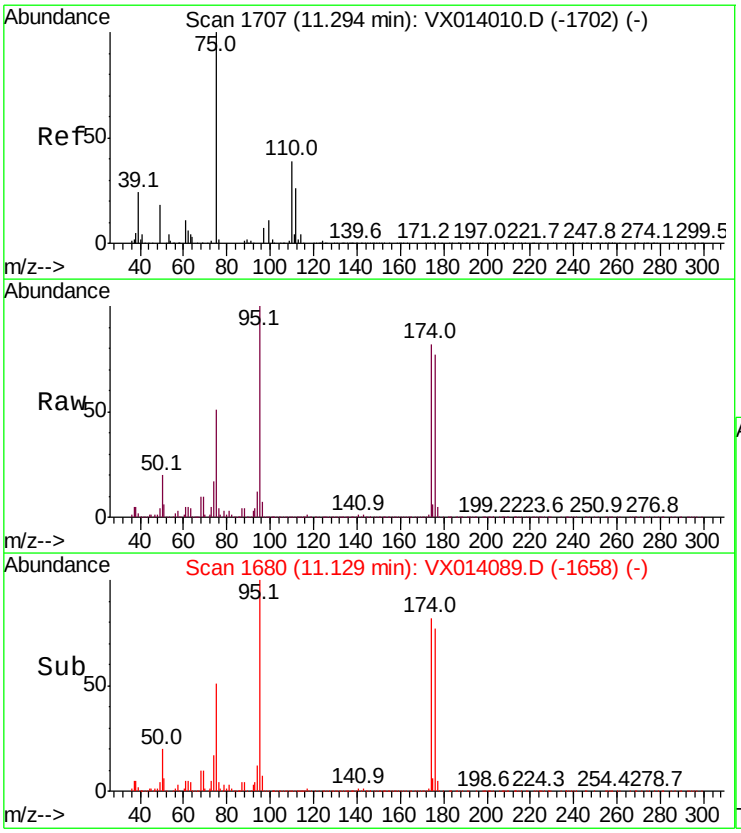
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion:152 Resp: 327209

Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.3	114.9
150	154.6	0.0	345.4

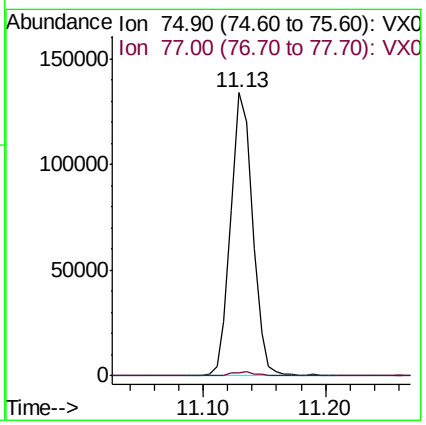


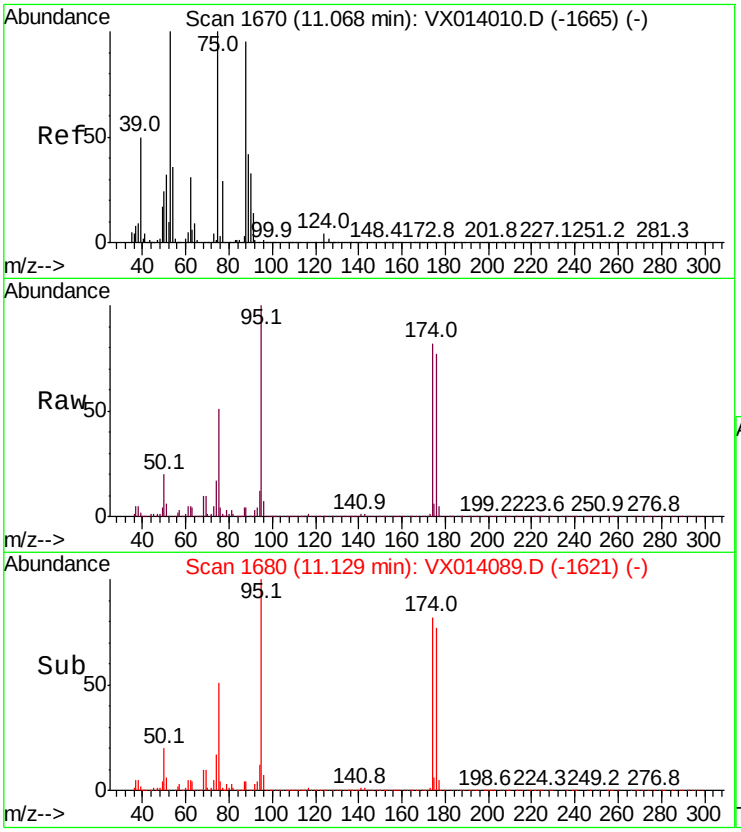


#76
1,2,3-Trichloropropane
Concen: 23.252 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 75 Resp: 165174

Ion	Ratio	Lower	Upper
75	100		
77	1.7	19.3	57.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.629 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

Tgt Ion: 75 Resp: 165174

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	34.6	51.8#