Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019825.D
Acq On : 10 Dec 2020 15:07
Operator : JC/MD
Sample : L4996-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D4-20201207

Quant Time: Dec 11 00:51:19 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	323929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	534179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	201323	47.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.58%			
35) Dibromofluoromethane	5.46	113	161544	46.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.58%			
50) Toluene-d8	8.70	98	635603	48.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.44%			
62) 4-Bromofluorobenzene	11.12	95	225880	45.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	1672	0.564	ug/l	99
5) Bromomethane	1.63	94	556	0.455	ug/l #	40
7) Trichlorofluoromethane	1.92	101	1296	0.253	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20213	6.885	ug/l	99
11) Tert butyl alcohol	3.02	59	432	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	3776	1.272	ug/l	94
13) Acrolein	2.28	56	110	0.234	ug/l #	1
16) Acetone	2.42	43	1327	0.829	ug/l	93
20) Methylene Chloride	2.83	84	413	Below Cal	#	89
24) 1,1-Dichloroethane	3.67	63	2054	0.336	ug/l #	91
27) cis-1,2-Dichloroethene	4.56	96	9130	2.255	ug/l	90
30) Chloroform	5.17	83	2055	0.327	ug/l	91
31) Cyclohexane	5.62	56	5958	1.125	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24111	4.995	ug/l #	49
38) Carbon Tetrachloride	5.76	117	1756	0.371	ug/l #	91
39) Methylcyclohexane	7.19	83	10482	1.848	ug/l #	1
44) Trichloroethene	7.19	130	873714	225.838	ug/l	100
49) 1,4-Dioxane	7.72	88	1998	21.165	ug/l	93
51) 4-Methyl-2-Pentanone	8.70	43	2690	0.556	ug/l #	1
55) 1,1,2-Trichloroethane	9.20	97	774	0.208	ug/l	90
60) Dibromochloromethane	9.32	129	16298	4.316	ug/l #	11
64) Tetrachloroethene	9.32	164	17660	5.494	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	108368	22.472	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	108368	64.963	ug/l #	12

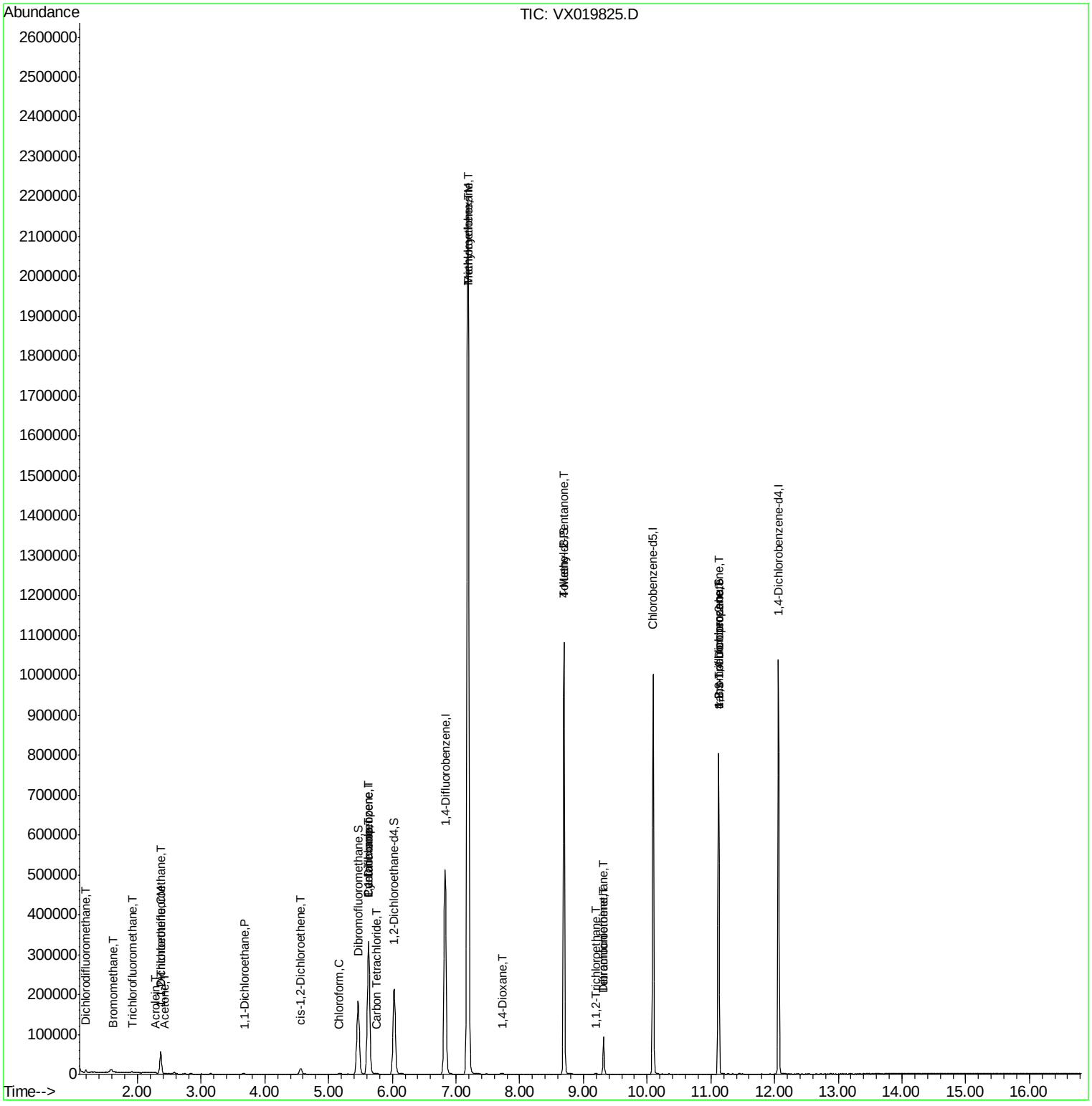
(#) = qualifier out of range (m) = manual integration (+) = signals summed

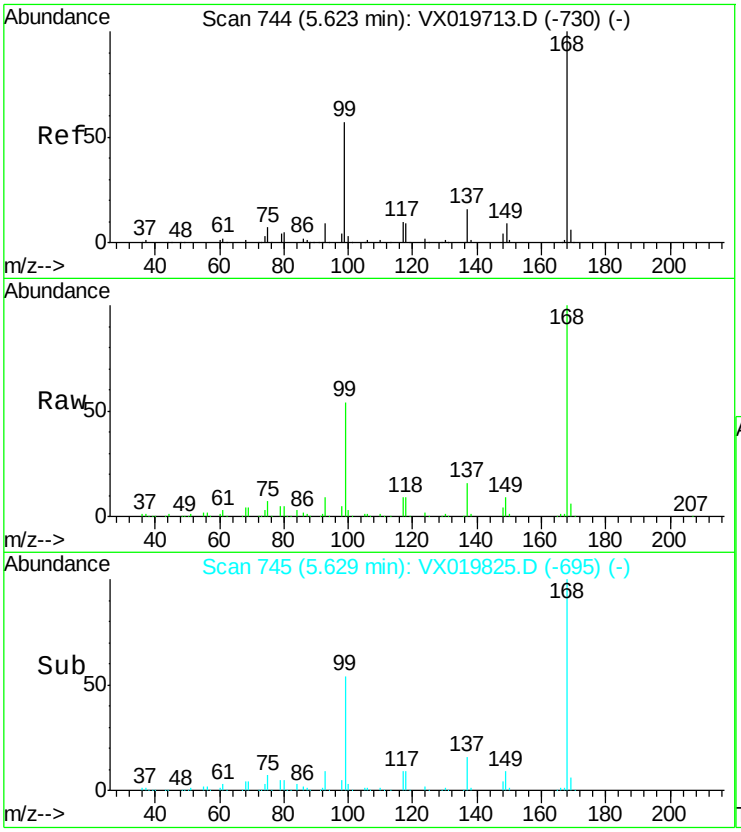
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019825.D
Acq On : 10 Dec 2020 15:07
Operator : JC/MD
Sample : L4996-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Quant Time: Dec 11 00:51:19 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



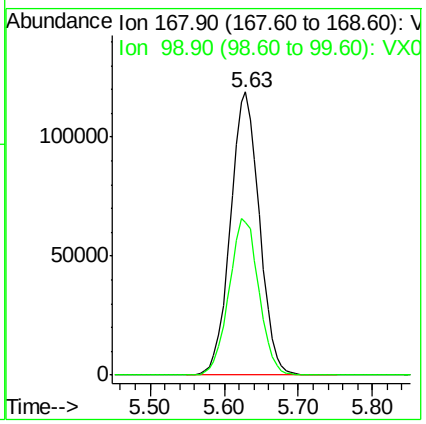


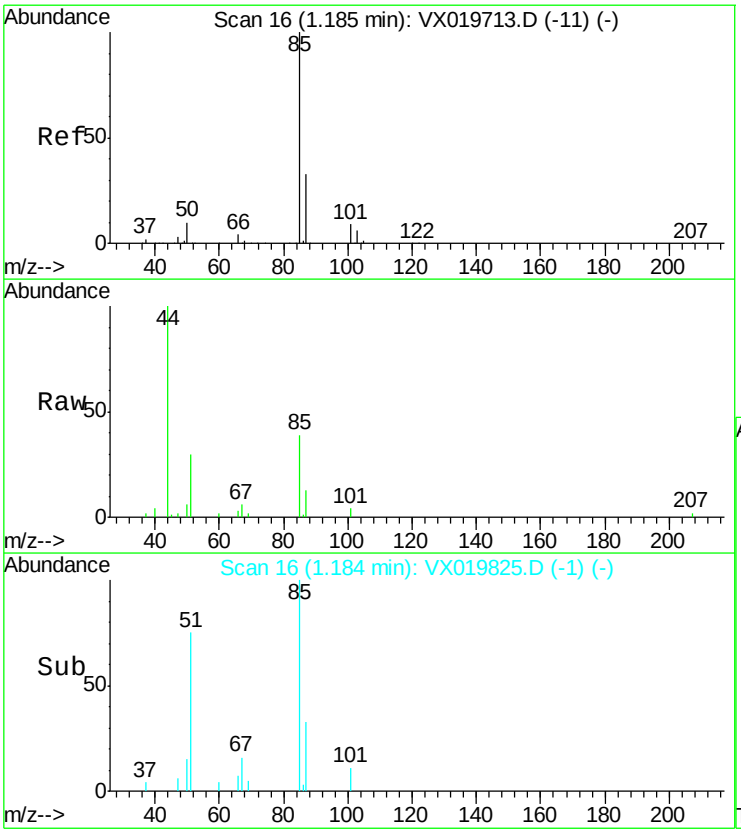
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion:168 Resp: 323929

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.8	68.6

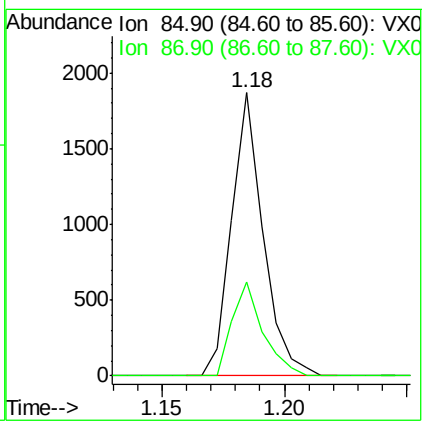


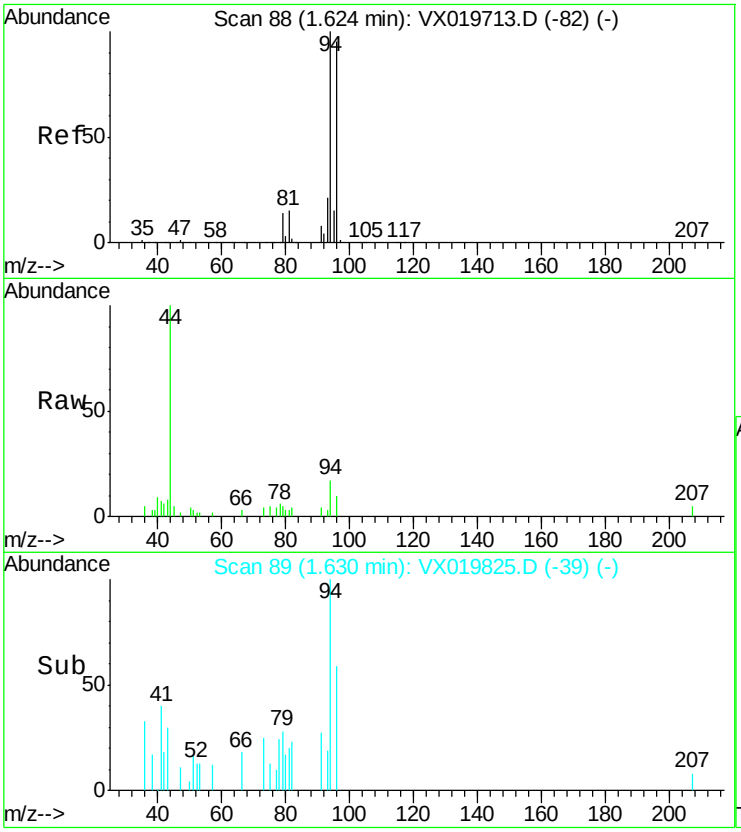


#2
Dichlorodifluoromethane
Concen: 0.564 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 85 Resp: 1672

Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.4	49.2



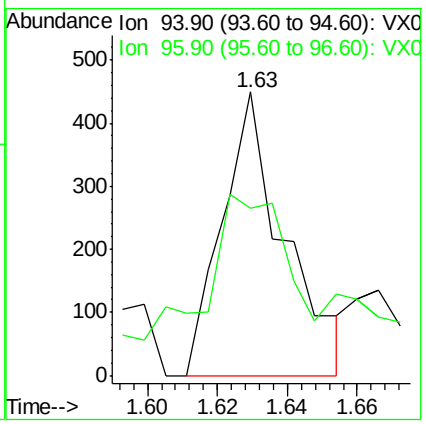


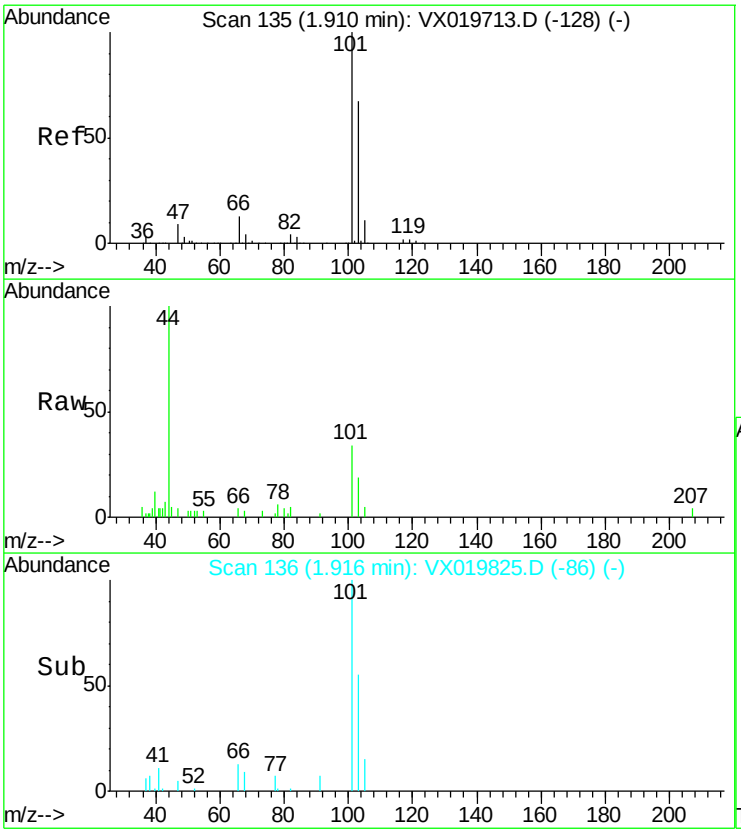
#5
Bromomethane
Concen: 0.455 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 94 Resp: 556

Ion	Ratio	Lower	Upper
94	100		
96	37.2	76.4	114.6#

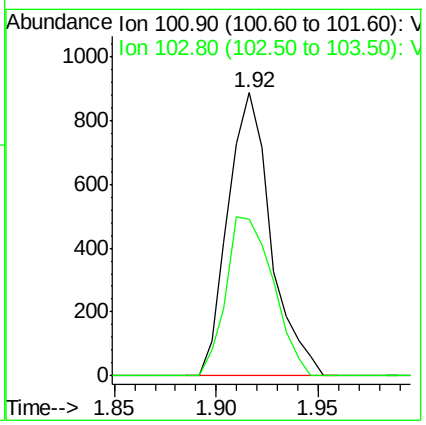


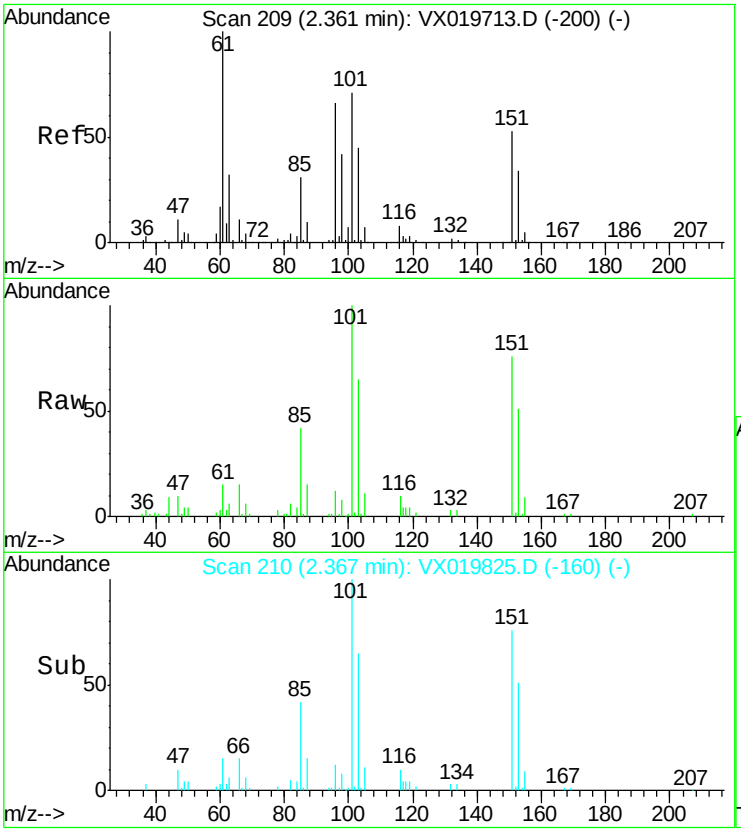


#7
Trichlorofluoromethane
Concen: 0.253 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:101 Resp: 1296

Ion	Ratio	Lower	Upper
101	100		
103	55.2	53.2	79.8



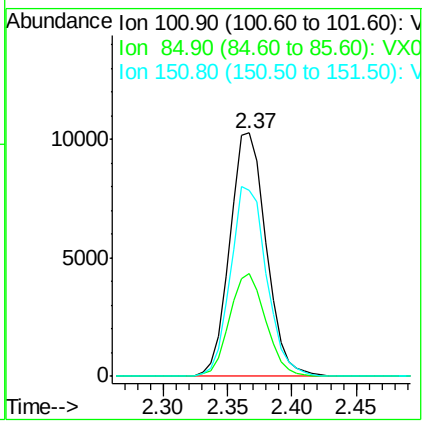


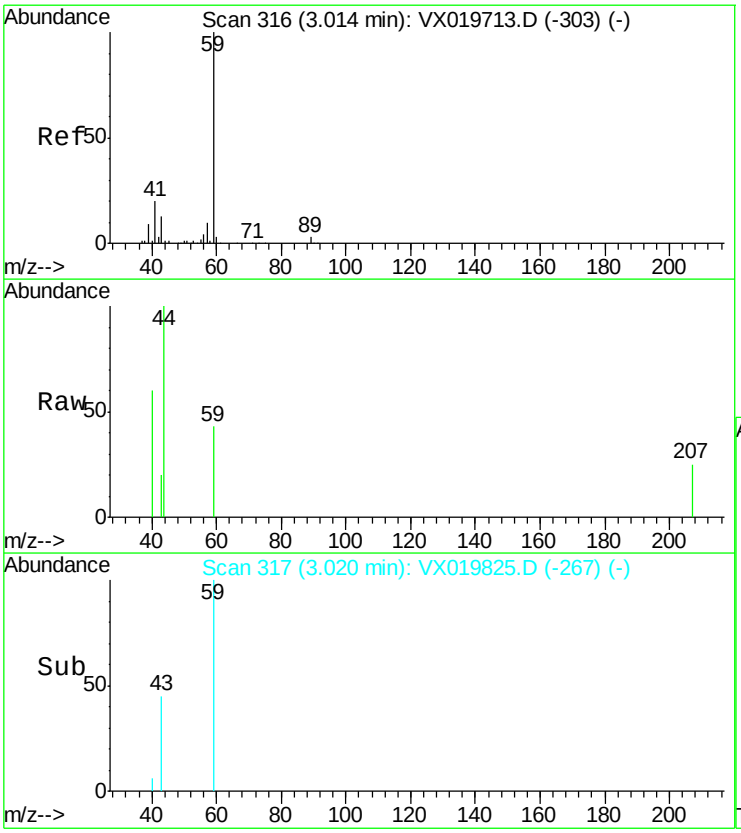
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.885 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion:101 Resp: 20213

Ion	Ratio	Lower	Upper
101	100		
85	42.0	34.9	52.3
151	77.2	61.4	92.2

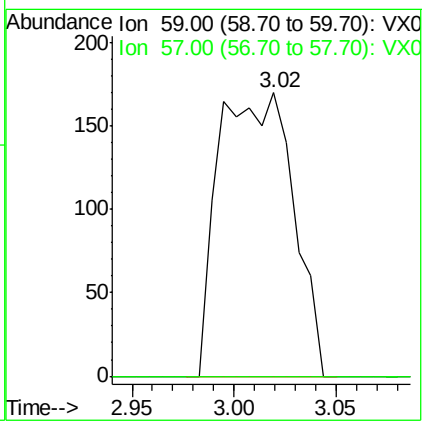


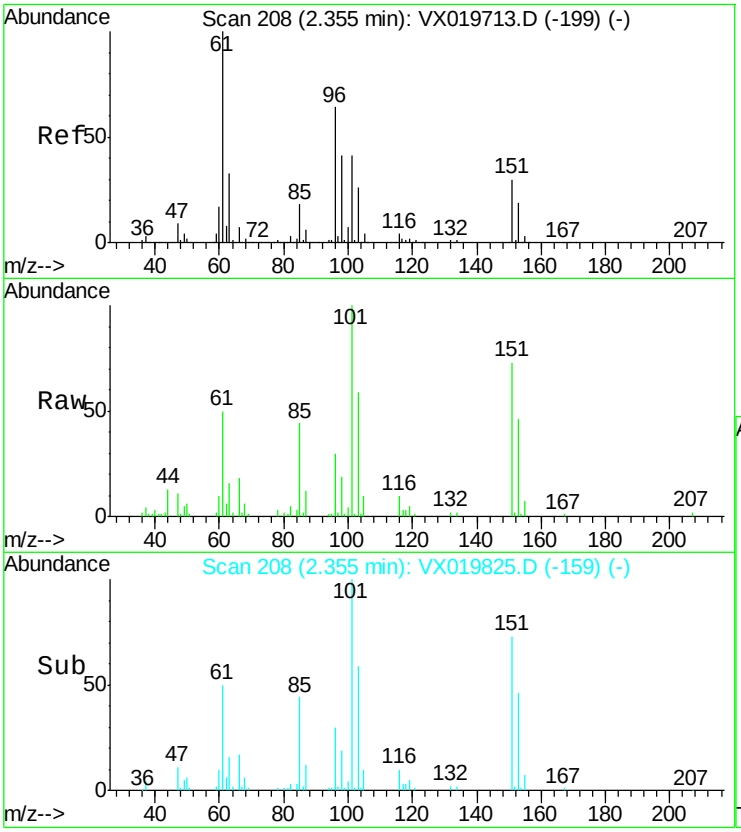


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 59 Resp: 432

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



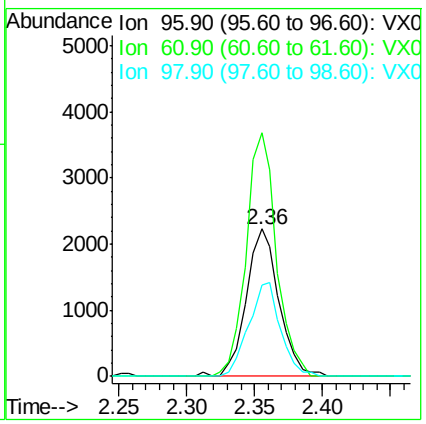


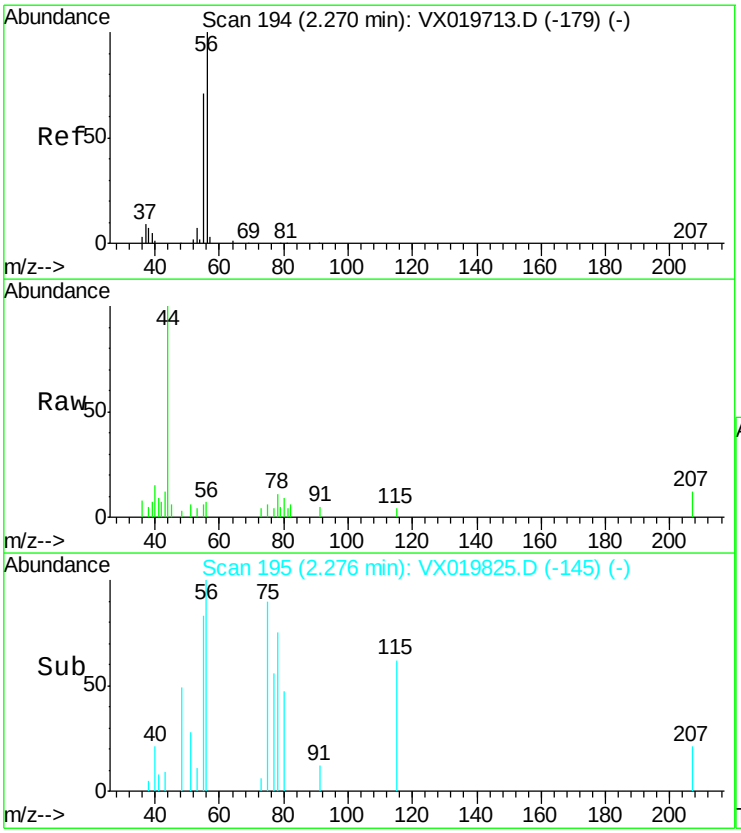
#12
1,1-Dichloroethene
Concen: 1.272 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 96 Resp: 3776

Ion	Ratio	Lower	Upper
96	100		
61	165.3	124.6	187.0
98	61.6	50.6	76.0

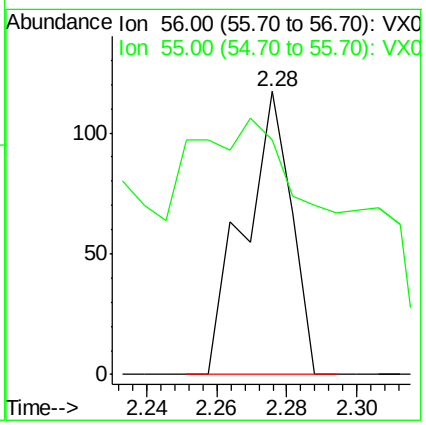


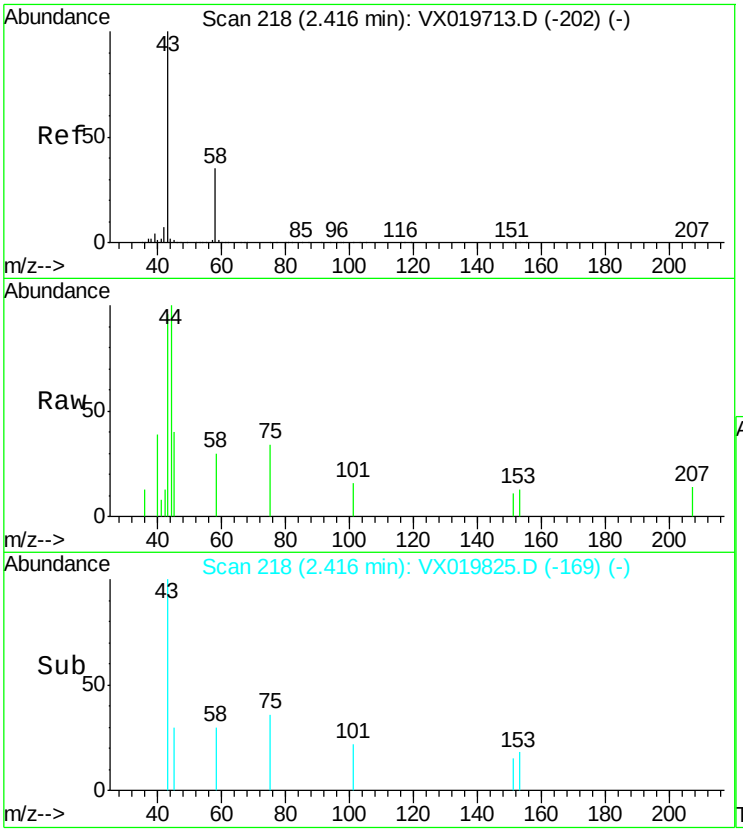


#13
Acrolein
Concen: 0.234 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 56 Resp: 110

Ion	Ratio	Lower	Upper
56	100		
55	299.1	56.4	84.6#



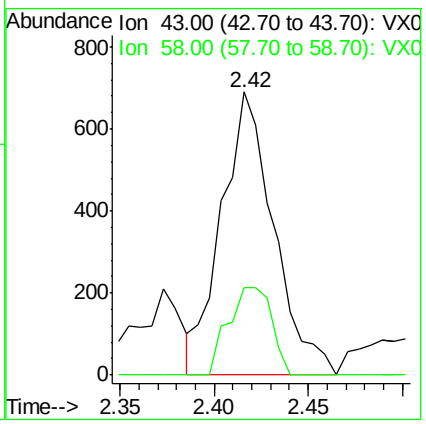


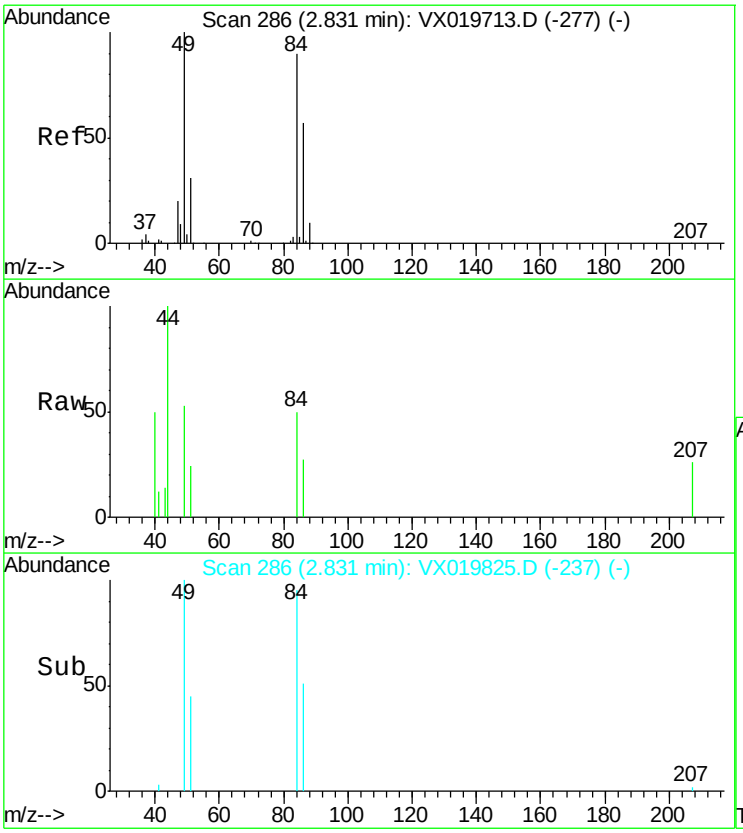
#16
Acetone
Concen: 0.829 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 43 Resp: 1327

Ion	Ratio	Lower	Upper
43	100		
58	30.9	27.8	41.8

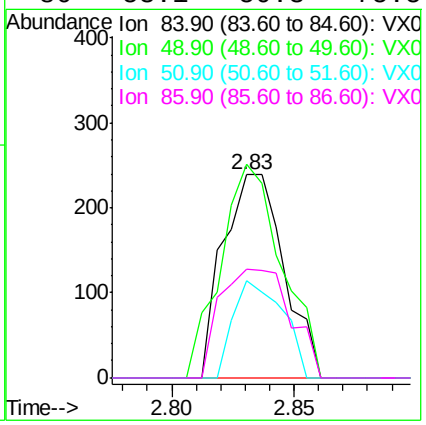


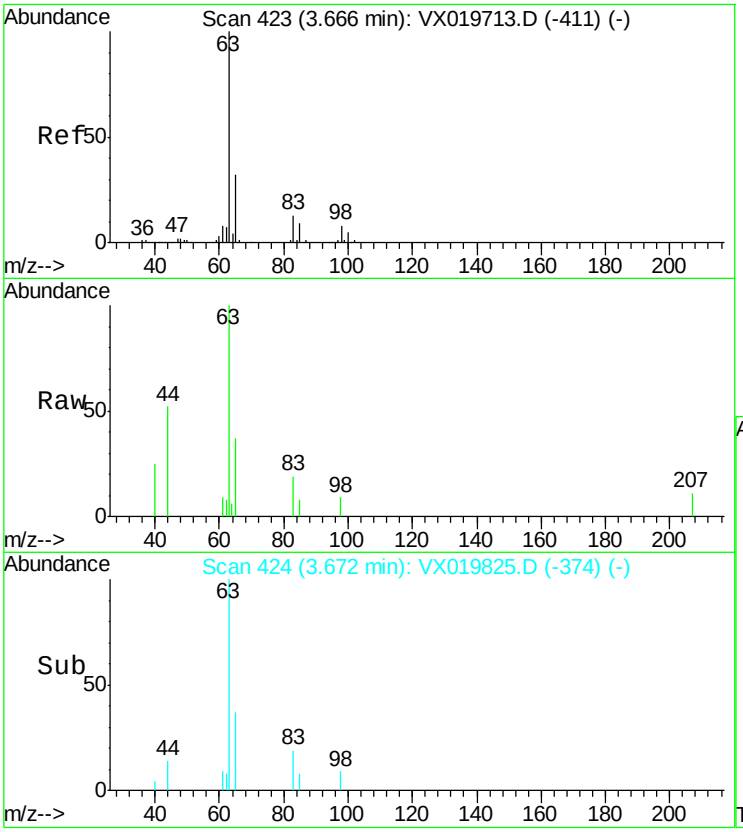


#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 84 Resp: 413

Ion	Ratio	Lower	Upper
84	100		
49	105.0	88.6	132.8
51	47.7	27.0	40.6#
86	53.1	50.3	75.5



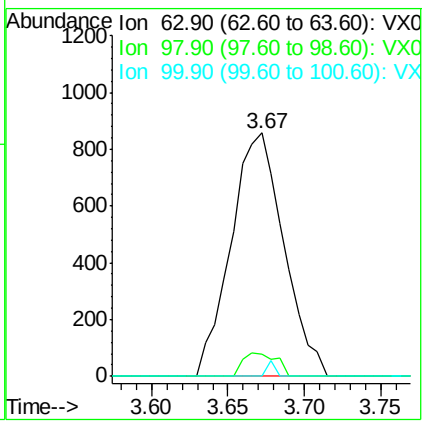


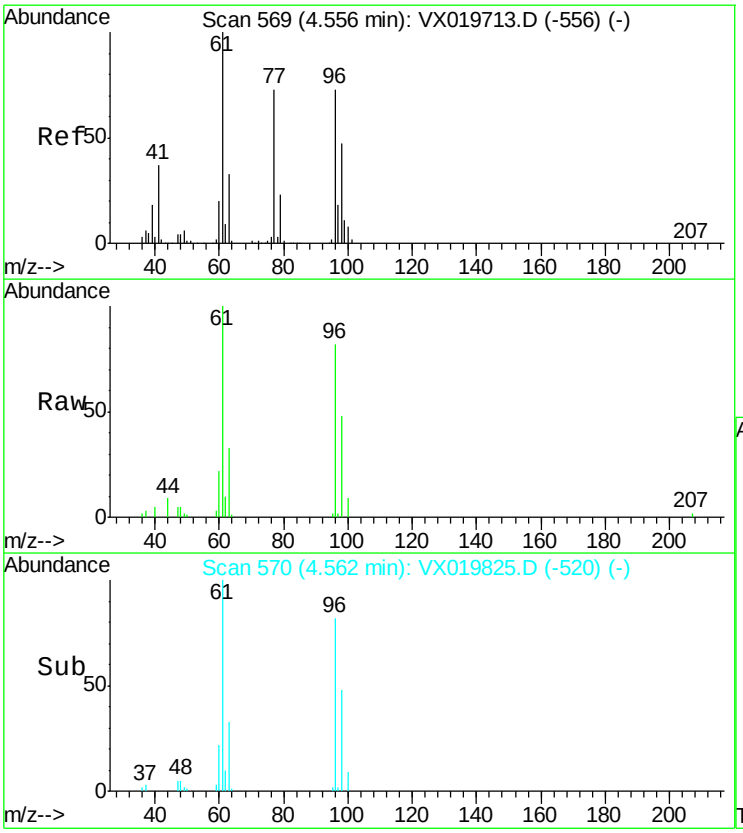
#24
1,1-Dichloroethane
Concen: 0.336 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 63 Resp: 2054

Ion	Ratio	Lower	Upper
63	100		
98	9.3	3.8	11.2
100	0.0	2.5	7.5#

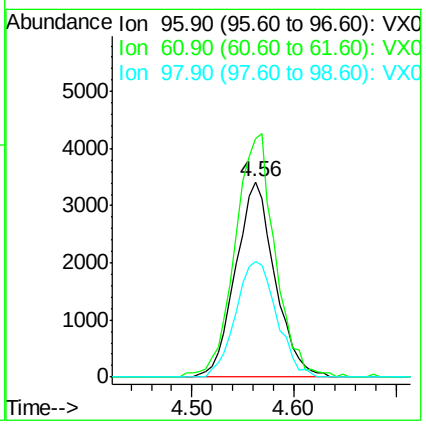


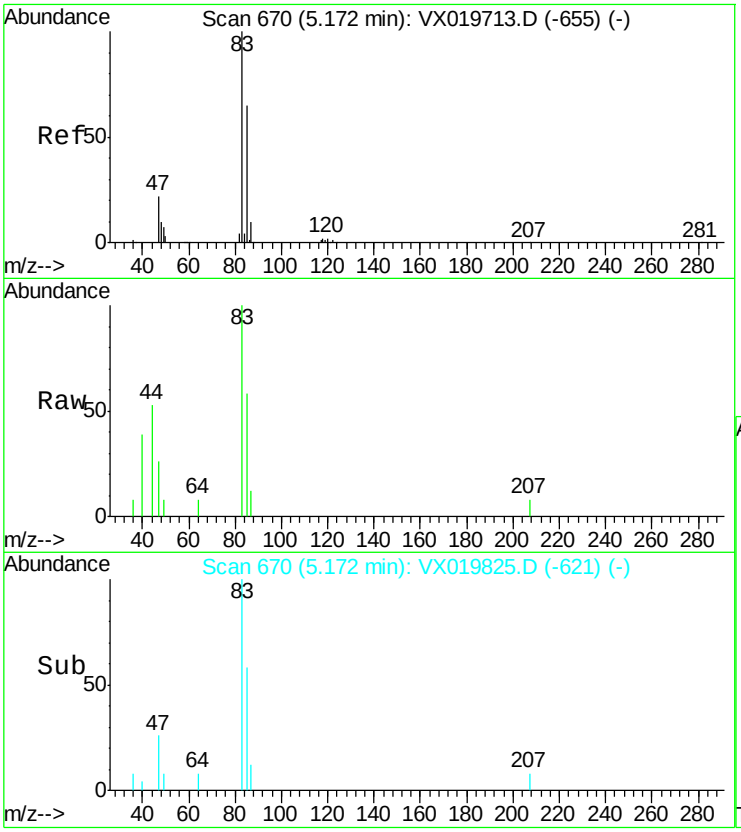


#27
cis-1,2-Dichloroethene
Concen: 2.255 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 96 Resp: 9130

Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	285.6
98	61.8	0.0	129.6



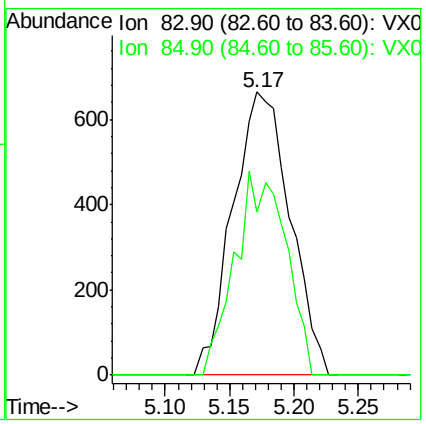


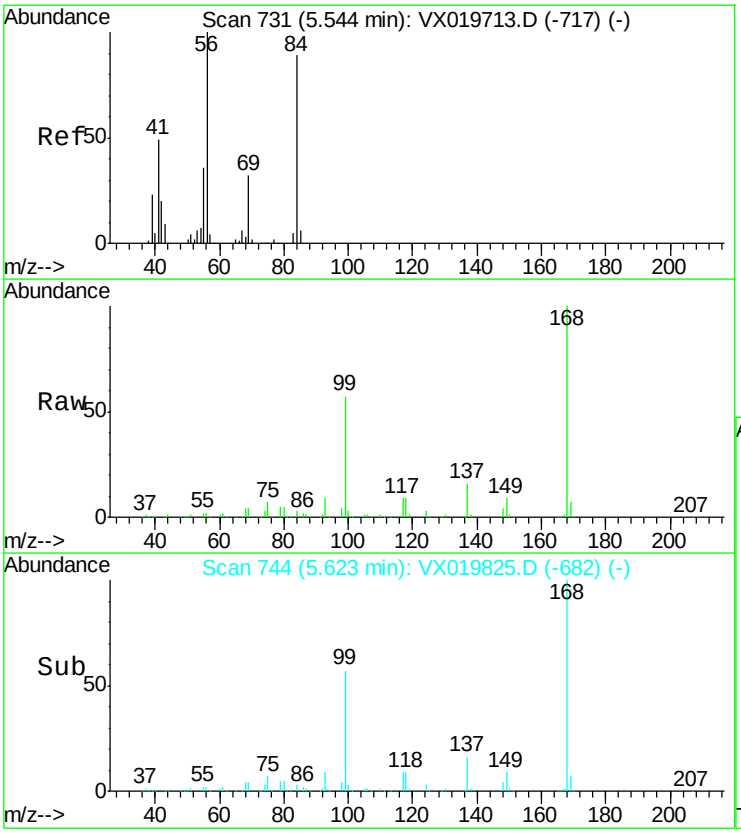
#30
Chloroform
Concen: 0.327 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 83 Resp: 2055

Ion	Ratio	Lower	Upper
83	100		
85	57.5	52.0	78.0

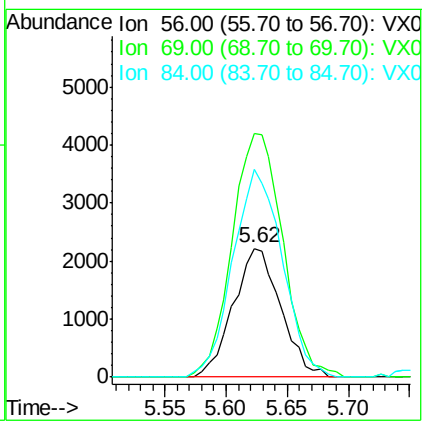


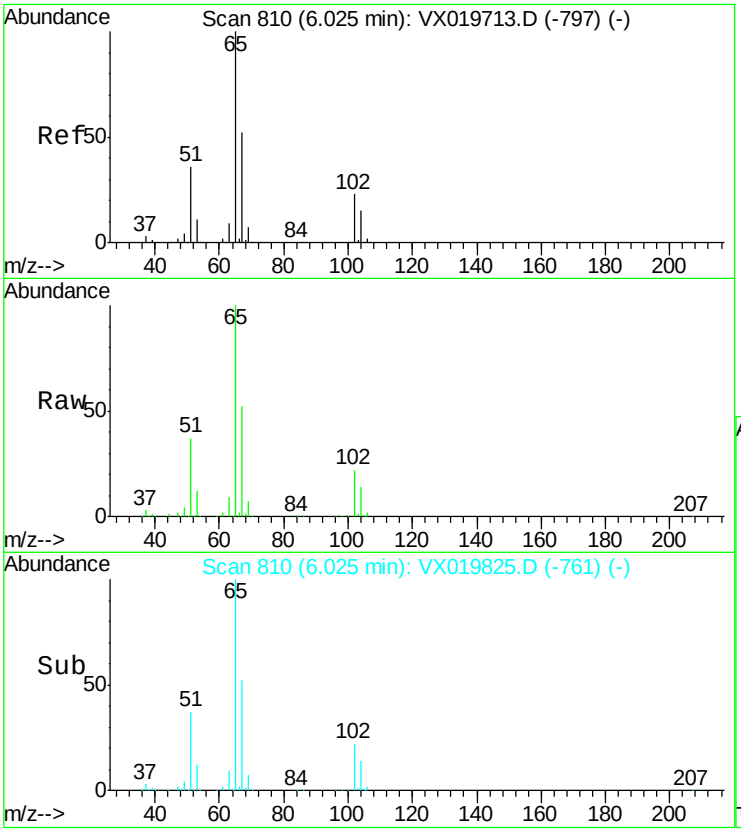


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 56 Resp: 5958

Ion	Ratio	Lower	Upper
56	100		
69	189.5	25.3	37.9#
84	161.4	71.4	107.0#



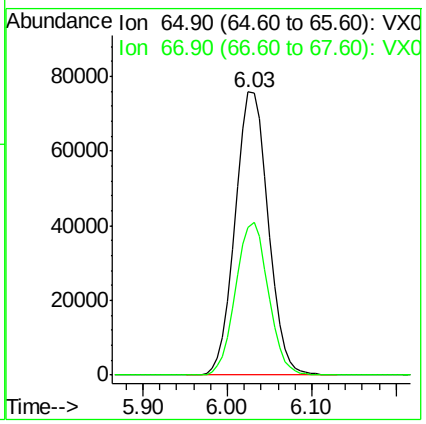


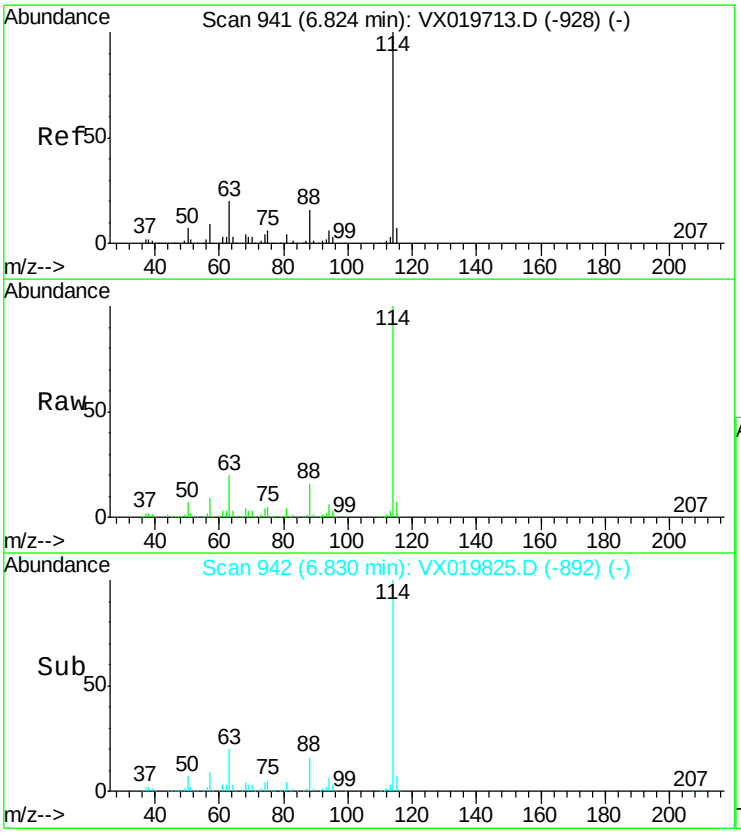
#33
1,2-Dichloroethane-d4
Concen: 47.288 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 65 Resp: 201323

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4

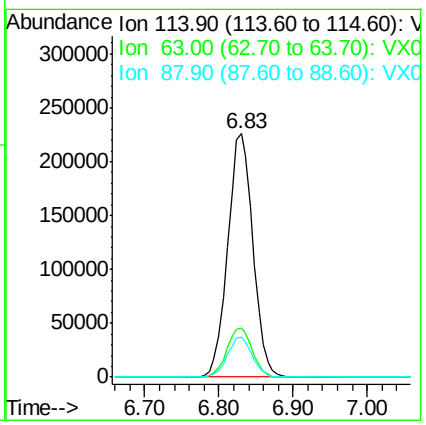


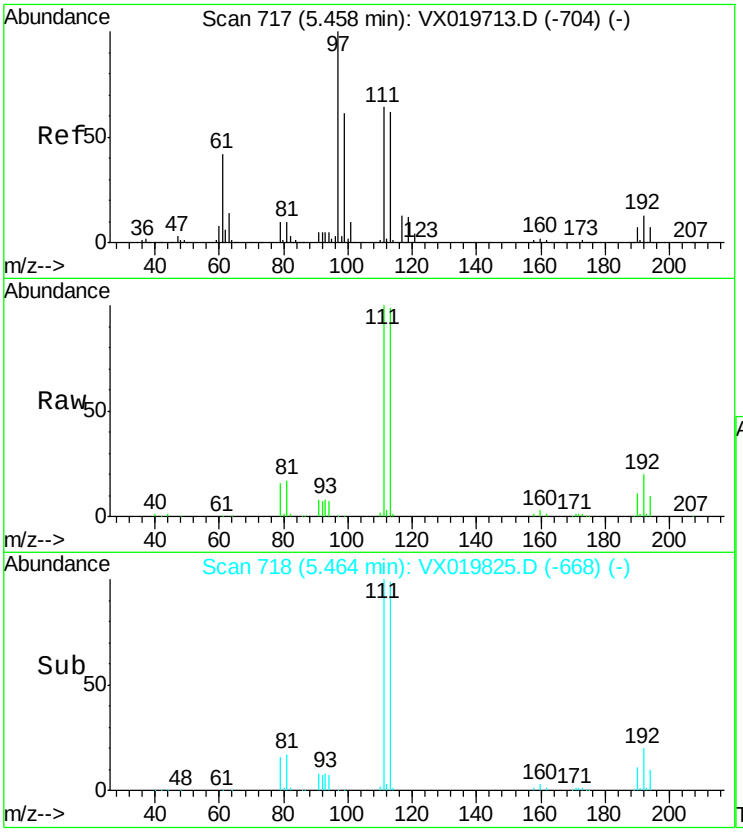


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:114 Resp: 534179

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.4	0.0	32.8



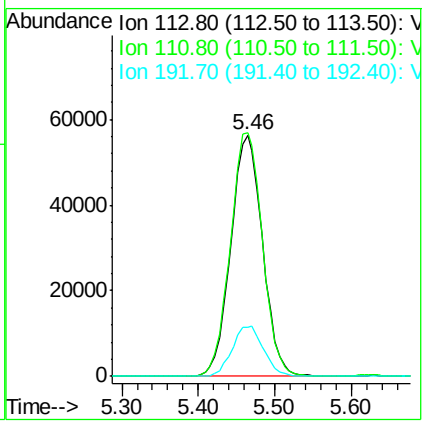


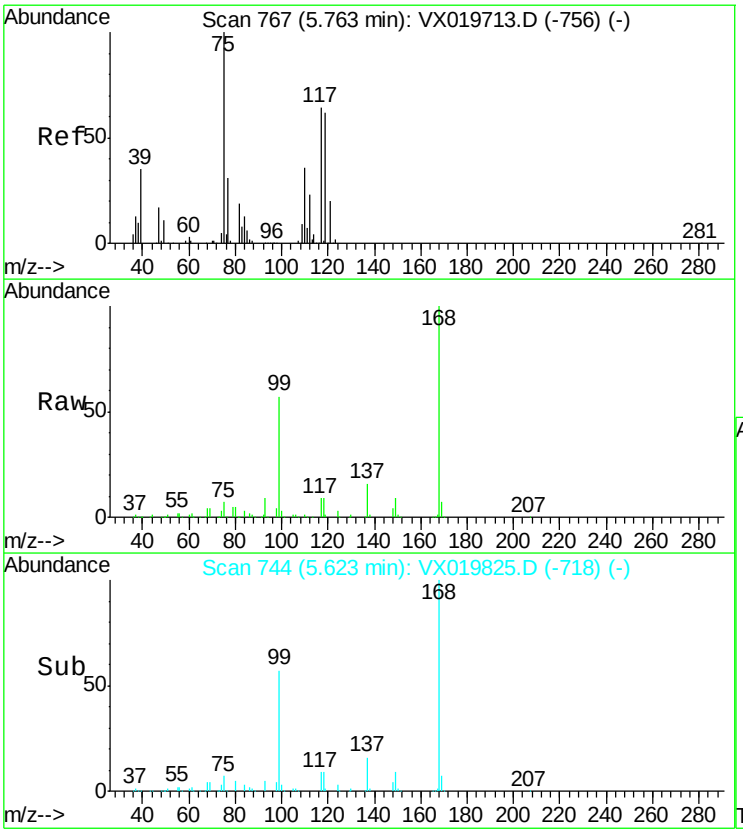
#35
Dibromofluoromethane
Concen: 46.793 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion:113 Resp: 161544

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.6	16.7	25.1

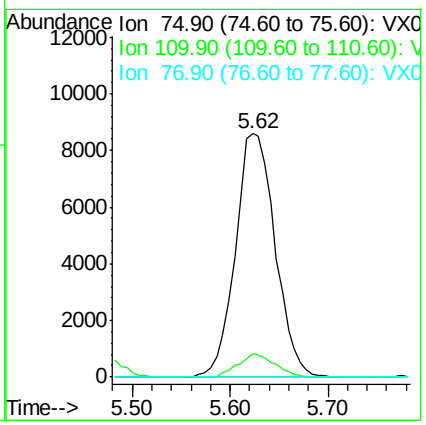


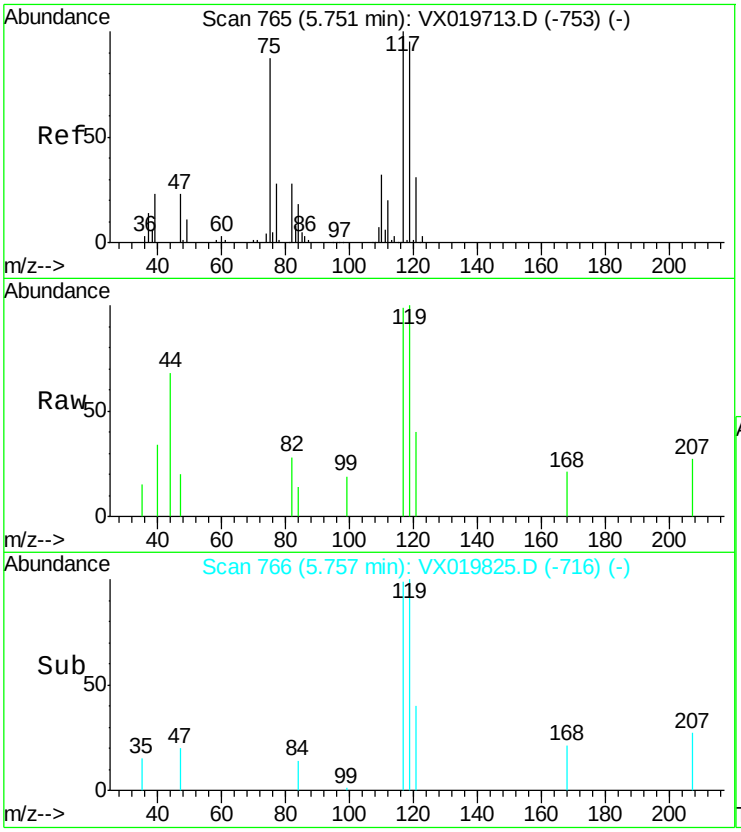


#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 75 Resp: 24111

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#



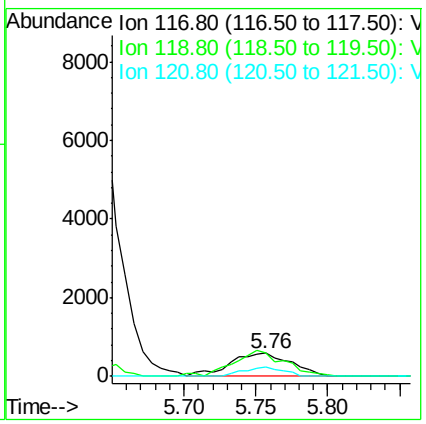


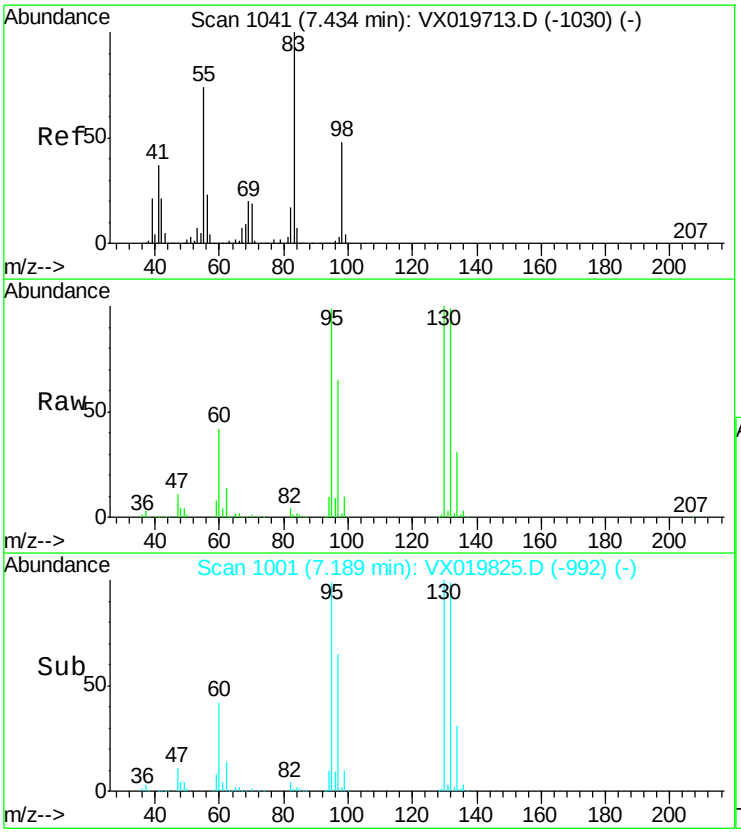
#38
Carbon Tetrachloride
Concen: 0.371 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion:117 Resp: 1756

Ion	Ratio	Lower	Upper
117	100		
119	100.8	76.2	114.2
121	40.4	24.8	37.2#

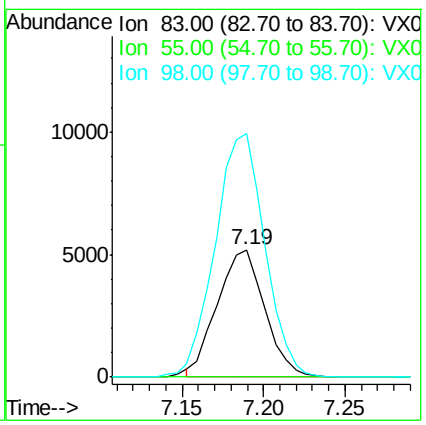


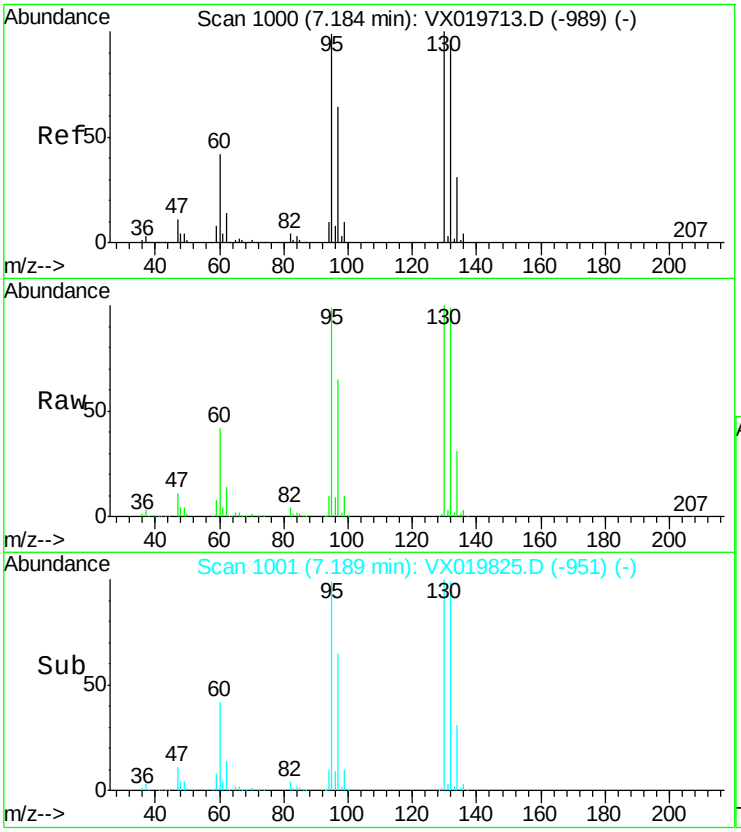


#39
Methylcyclohexane
Concen: 1.848 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.24 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 83 Resp: 10482

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	191.1	38.1	57.1#



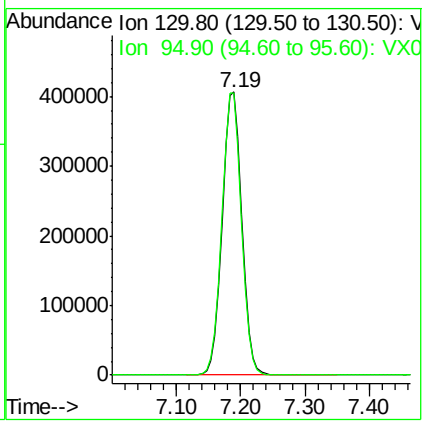


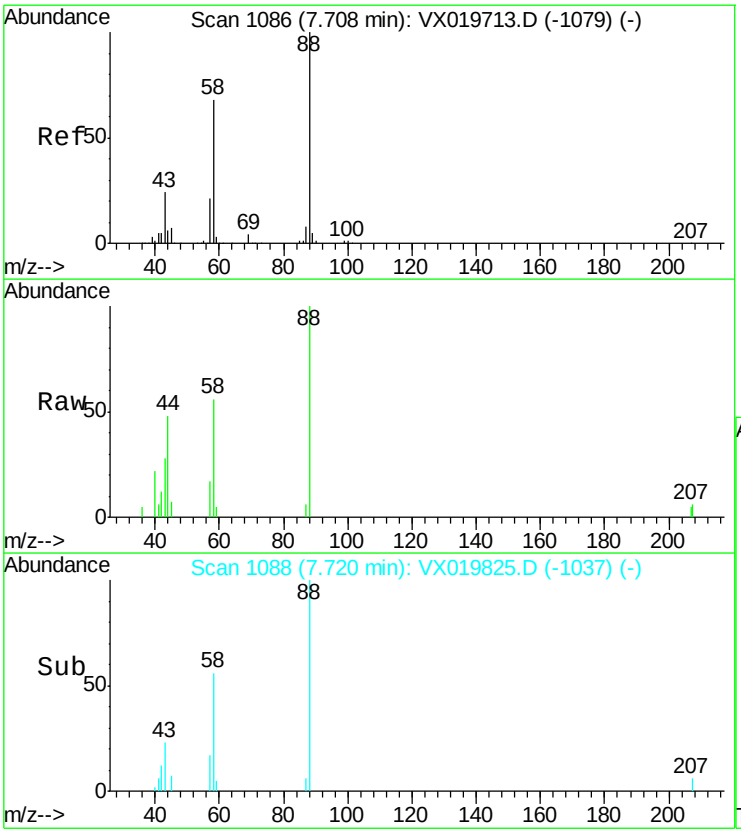
#44
Trichloroethene
Concen: 225.838 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument : MSVOA_X
ClientSampleId : RE132D4-20201207

Tgt Ion:130 Resp: 873714

Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	198.0

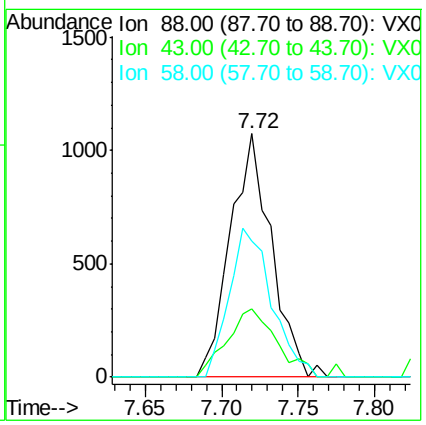


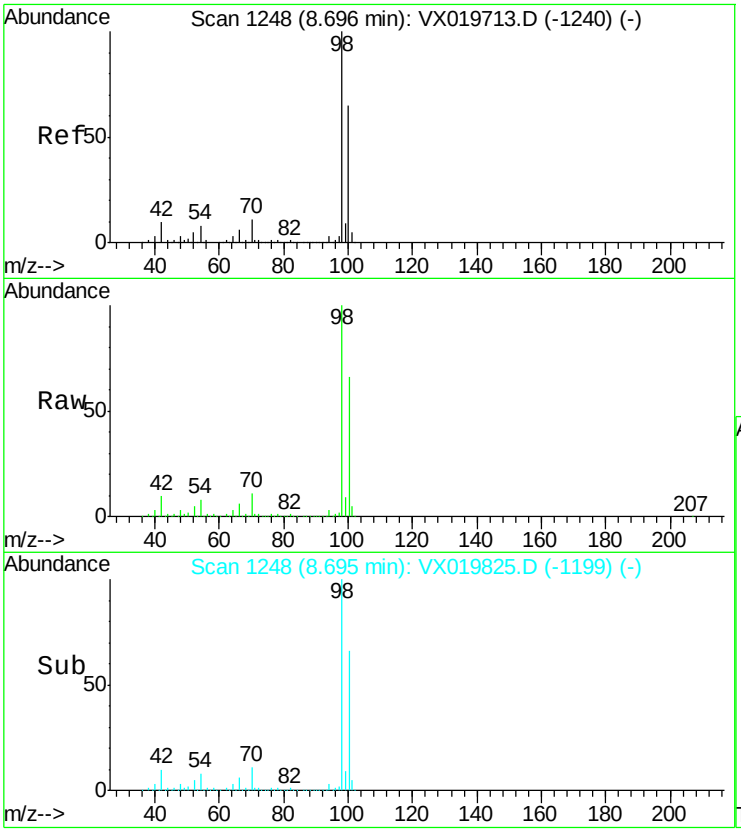


#49
1,4-Dioxane
Concen: 21.165 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 88 Resp: 1998

Ion	Ratio	Lower	Upper
88	100		
43	34.2	23.2	34.8
58	63.5	55.0	82.4



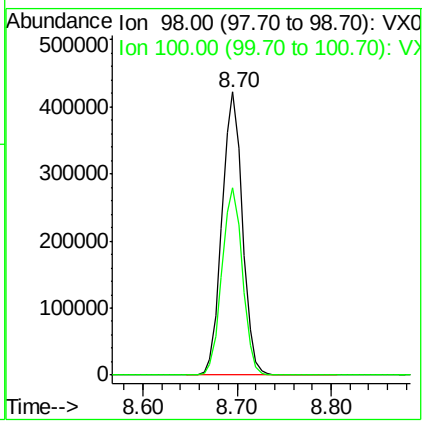


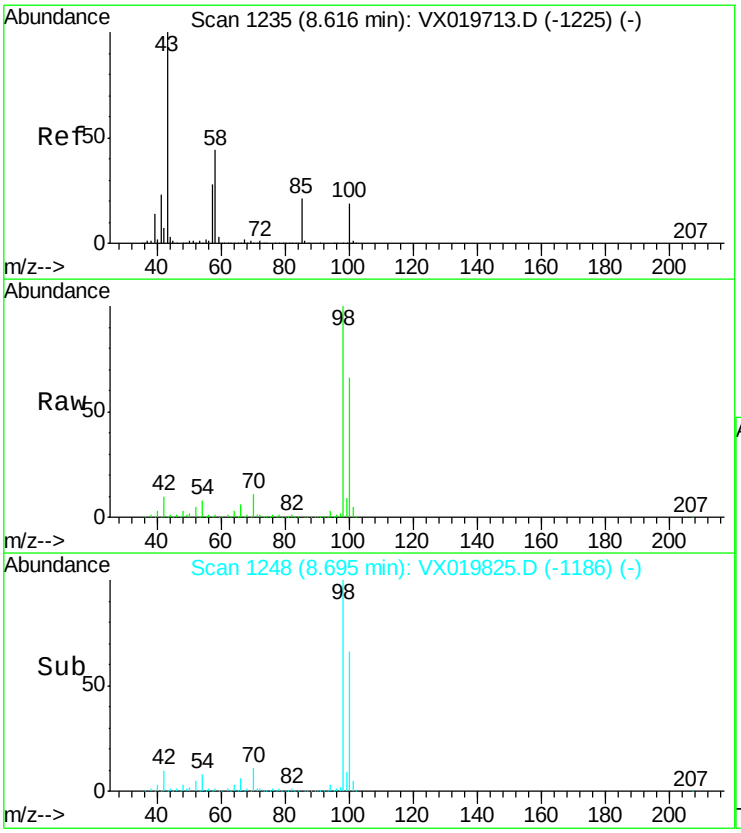
#50
Toluene-d8
Concen: 48.225 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 98 Resp: 635603

Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9

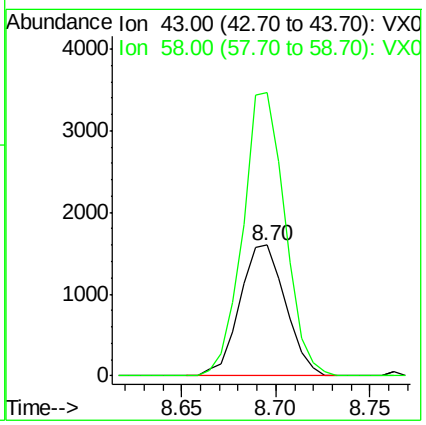


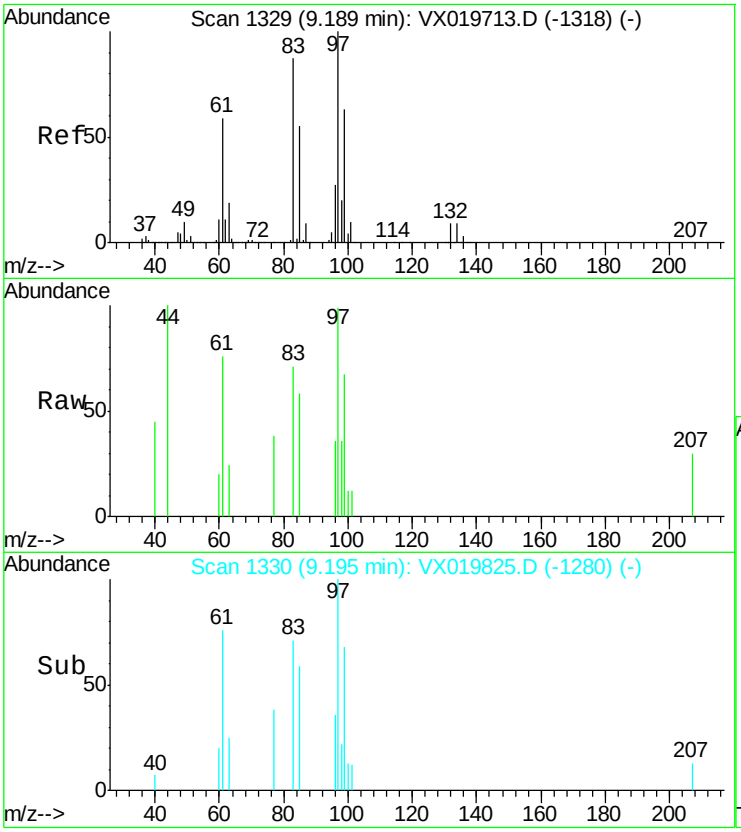


#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.08 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 43 Resp: 2690

Ion	Ratio	Lower	Upper
43	100		
58	199.6	35.4	53.0#



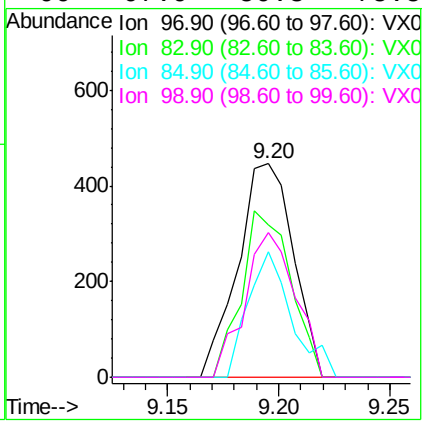


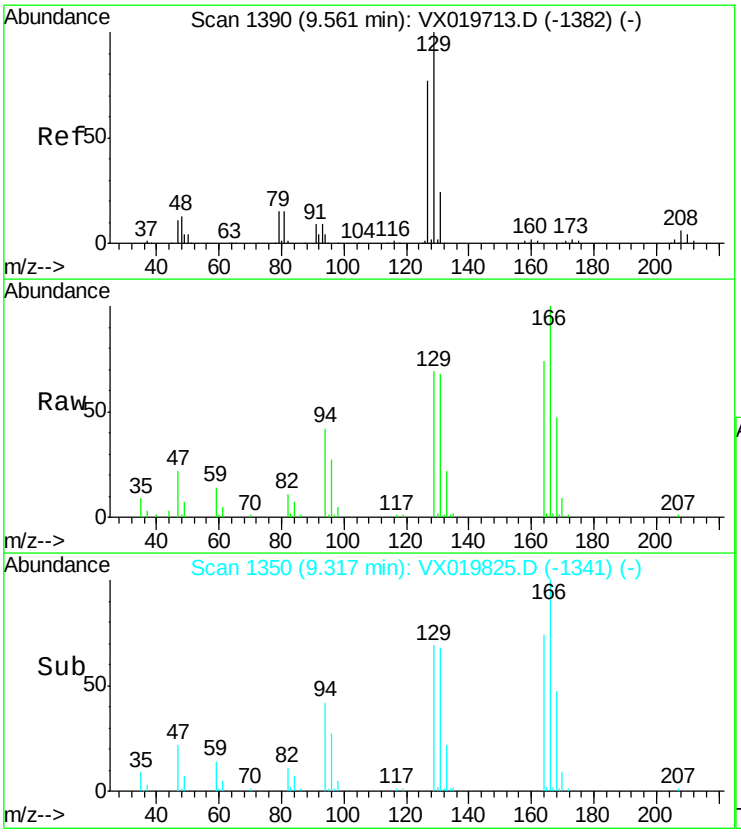
#55
1,1,2-Trichloroethane
Concen: 0.208 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 97 Resp: 774

Ion	Ratio	Lower	Upper
97	100		
83	71.3	69.3	103.9
85	58.7	44.3	66.5
99	67.9	50.3	75.5

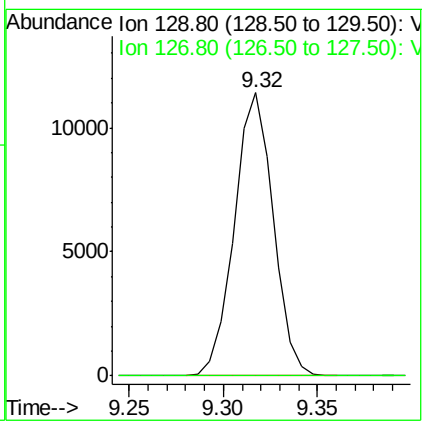


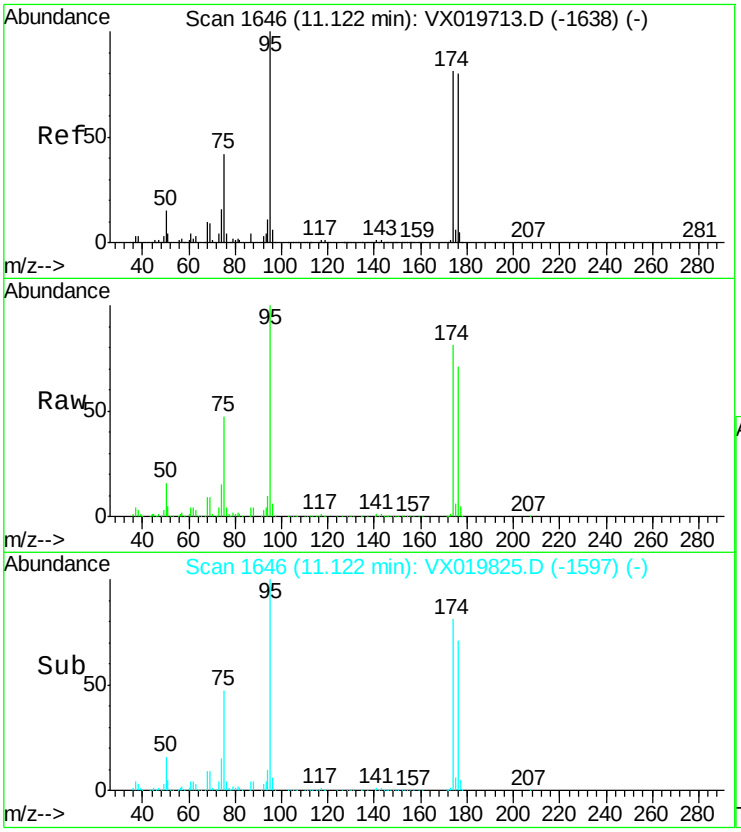


#60
Dibromochloromethane
Concen: 4.316 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:129 Resp: 16298

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



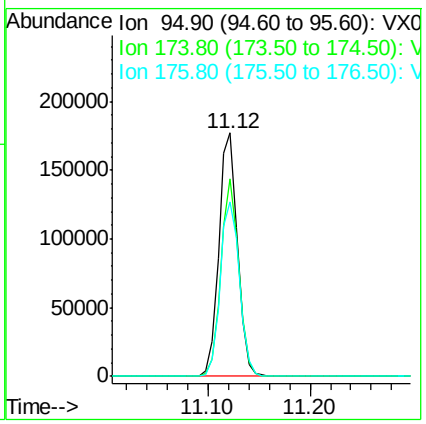


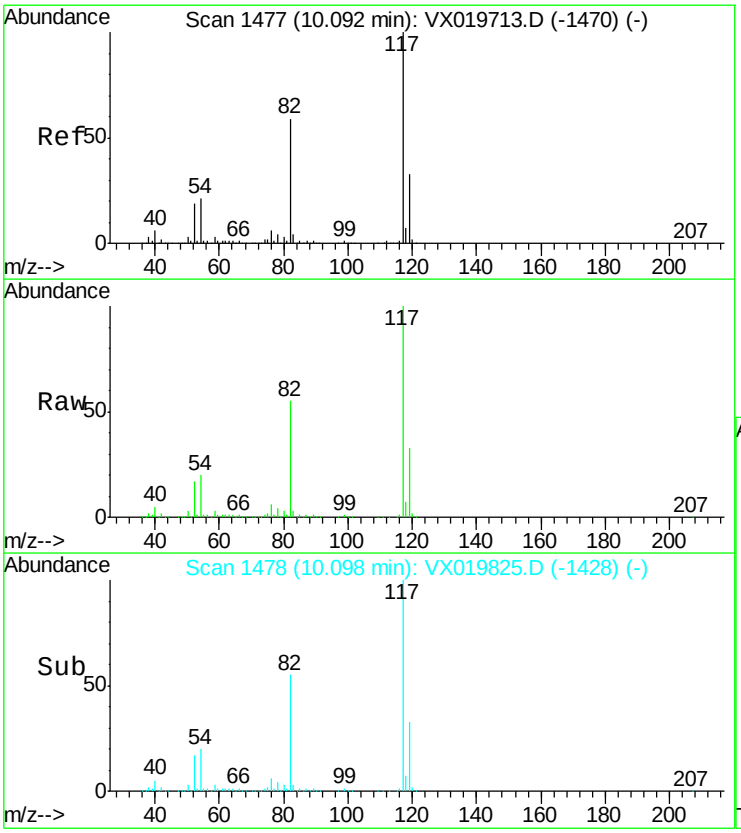
#62
4-Bromofluorobenzene
Concen: 45.027 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 95 Resp: 225880

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	154.6
176	73.9	0.0	155.8

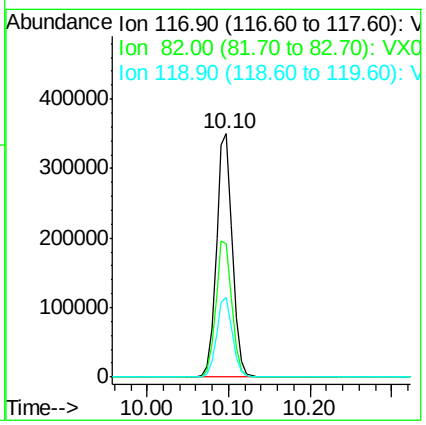


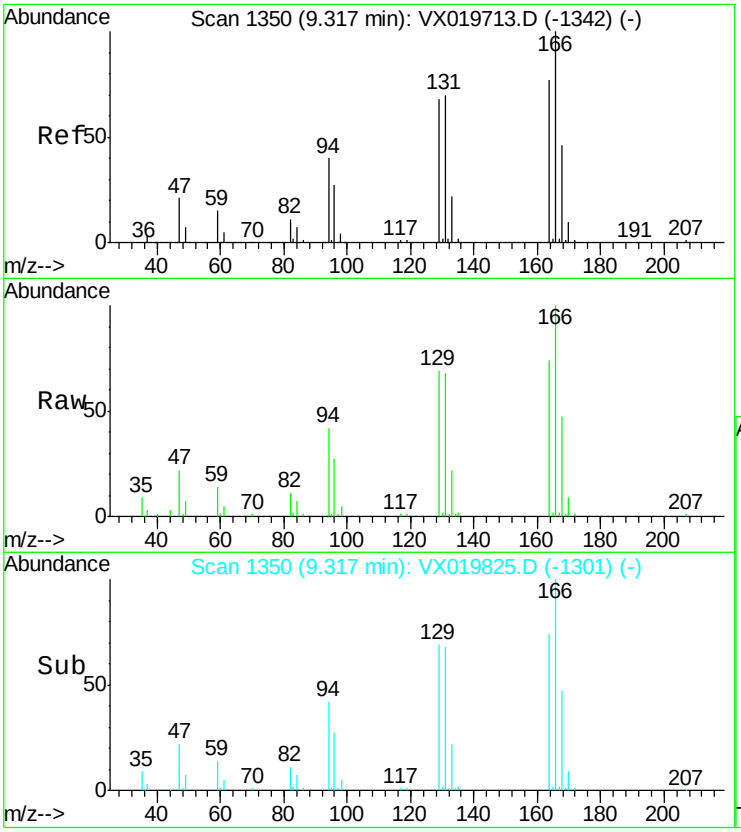


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:117 Resp: 479327

Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.4	71.2
119	32.5	26.6	39.8



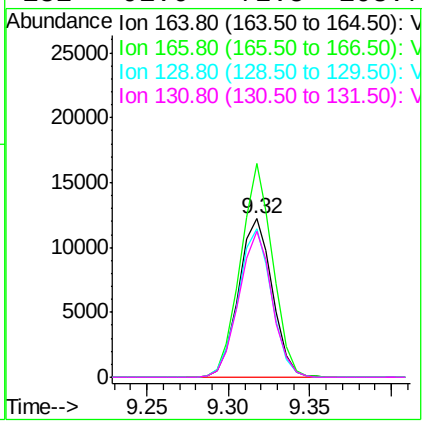


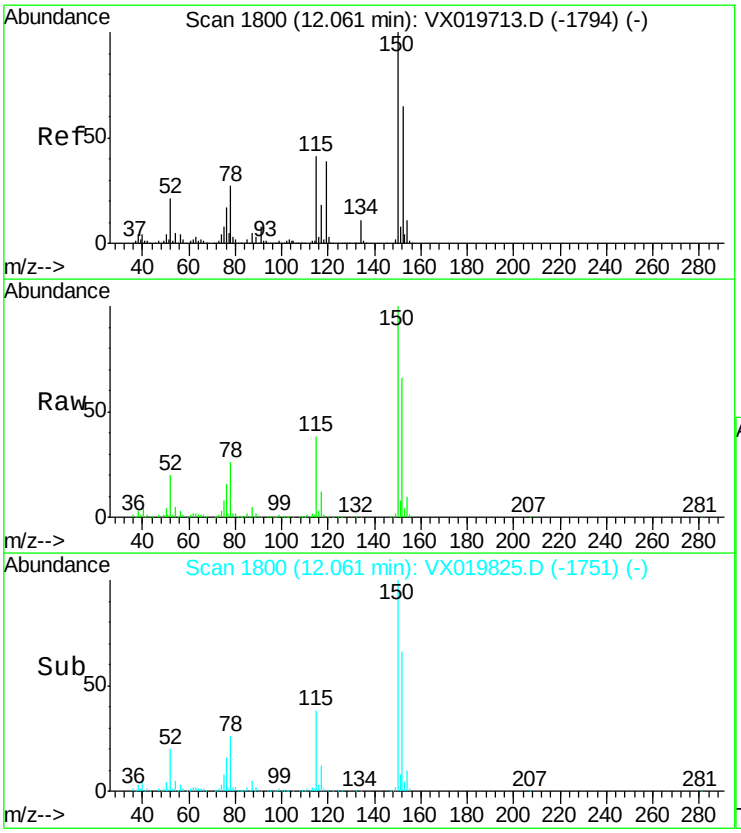
#64
Tetrachloroethene
Concen: 5.494 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion:164 Resp: 17660

Ion	Ratio	Lower	Upper
164	100		
166	134.6	103.4	155.2
129	93.3	70.8	106.2
131	91.6	72.5	108.7

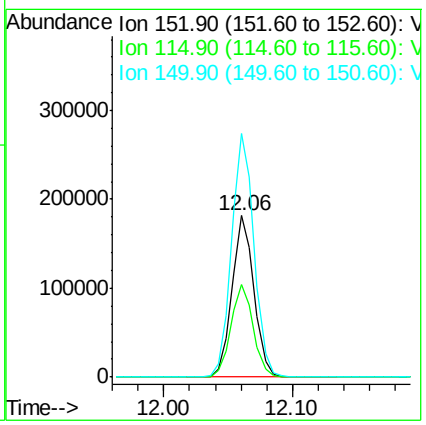


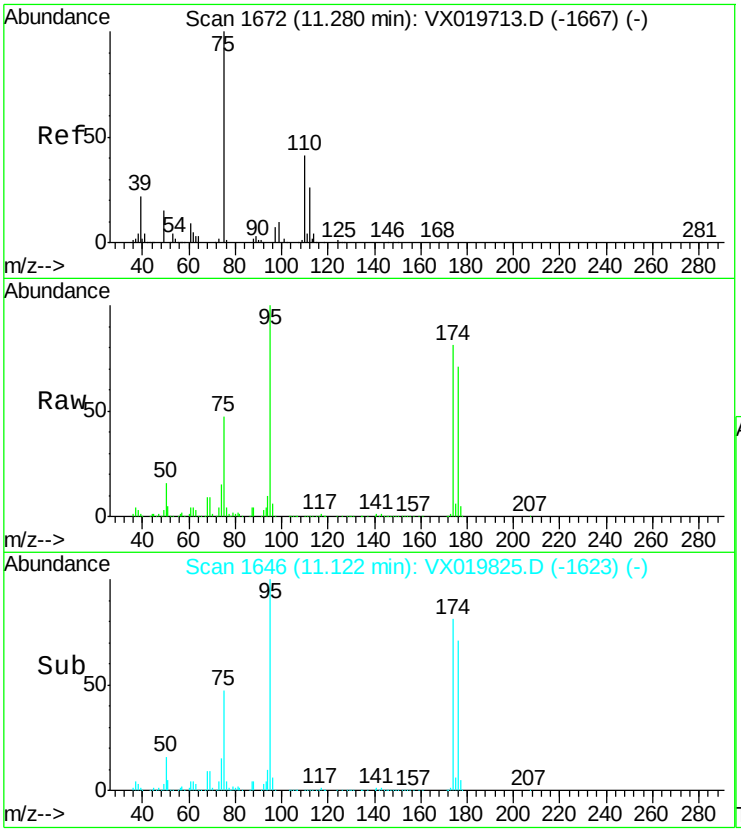


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion:152 Resp: 215011

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.1	123.3
150	154.7	0.0	349.0



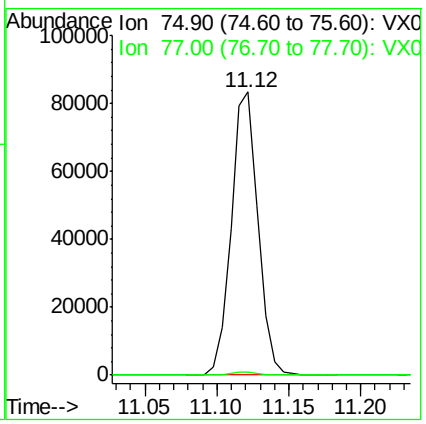


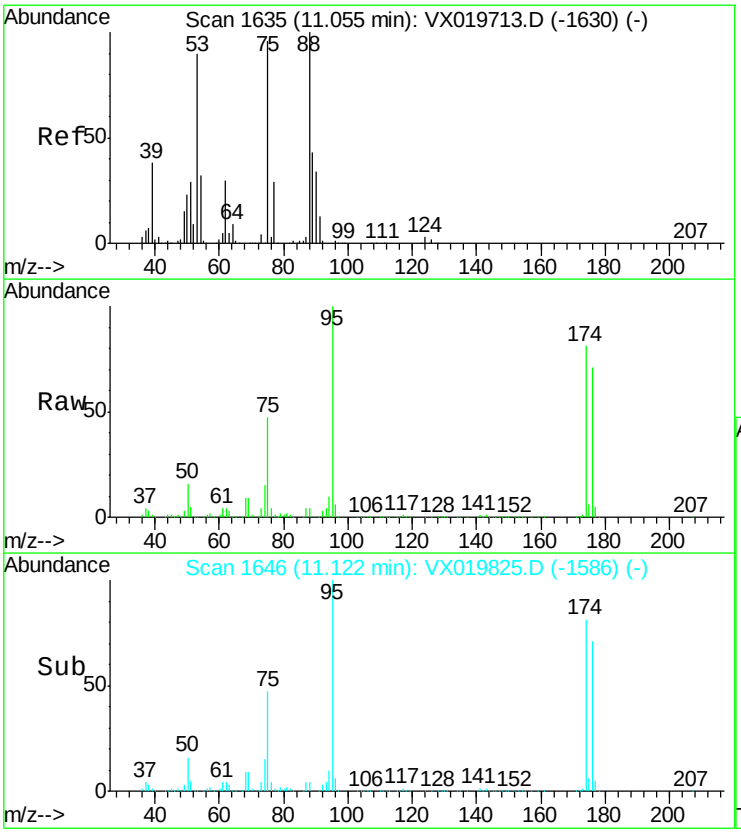
#76
1,2,3-Trichloropropane
Concen: 22.472 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20201207

Tgt Ion: 75 Resp: 108368

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.963 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019825.D
Acq: 10 Dec 2020 15:07

Tgt Ion: 75 Resp: 108368

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