Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019893.D
Acq On : 11 Dec 2020 22:26
Operator : JC/MD
Sample : L4996-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE134D2-20201208

Quant Time: Dec 12 00:07:19 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	316361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	531845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	485708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	199530	47.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.98%			
35) Dibromofluoromethane	5.46	113	161506	46.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.98%			
50) Toluene-d8	8.70	98	644805	49.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.28%			
62) 4-Bromofluorobenzene	11.12	95	227380	45.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.06%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	592	0.496	ug/l	96
7) Trichlorofluoromethane	1.92	101	1082	0.216	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58780	20.502	ug/l	99
11) Tert butyl alcohol	3.00	59	700	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	1534	0.529	ug/l	92
16) Acetone	2.42	43	1532	0.980	ug/l #	83
20) Methylene Chloride	2.83	84	525	Below Cal	#	83
24) 1,1-Dichloroethane	3.67	63	1314	0.220	ug/l #	79
27) cis-1,2-Dichloroethene	4.56	96	6783	1.715	ug/l	98
29) Tetrahydrofuran	5.11	42	330	0.213	ug/l #	27
31) Cyclohexane	5.63	56	5704	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24104	5.015	ug/l #	49
38) Carbon Tetrachloride	5.63	117	31334	6.658	ug/l #	16
39) Methylcyclohexane	7.19	83	4611	0.817	ug/l #	1
44) Trichloroethene	7.19	130	385071	99.970	ug/l	99
49) 1,4-Dioxane	7.71	88	2118	22.535	ug/l #	78
60) Dibromochloromethane	9.32	129	45054	11.985	ug/l #	11
64) Tetrachloroethene	9.32	164	48459	14.877	ug/l	98
76) 1,2,3-Trichloropropane	11.12	75	109691	22.966	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	109691	66.391	ug/l #	12

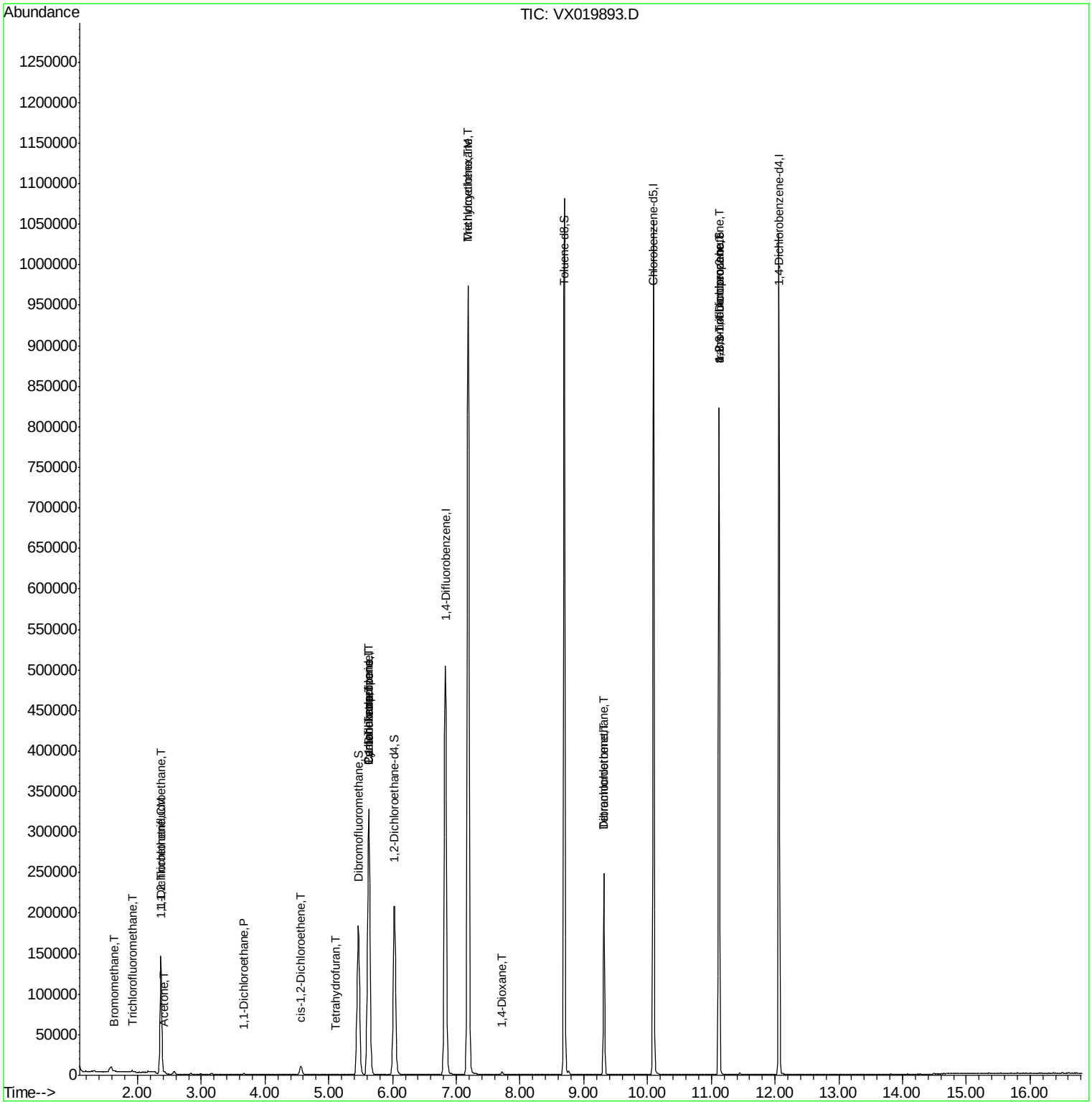
(#) = qualifier out of range (m) = manual integration (+) = signals summed

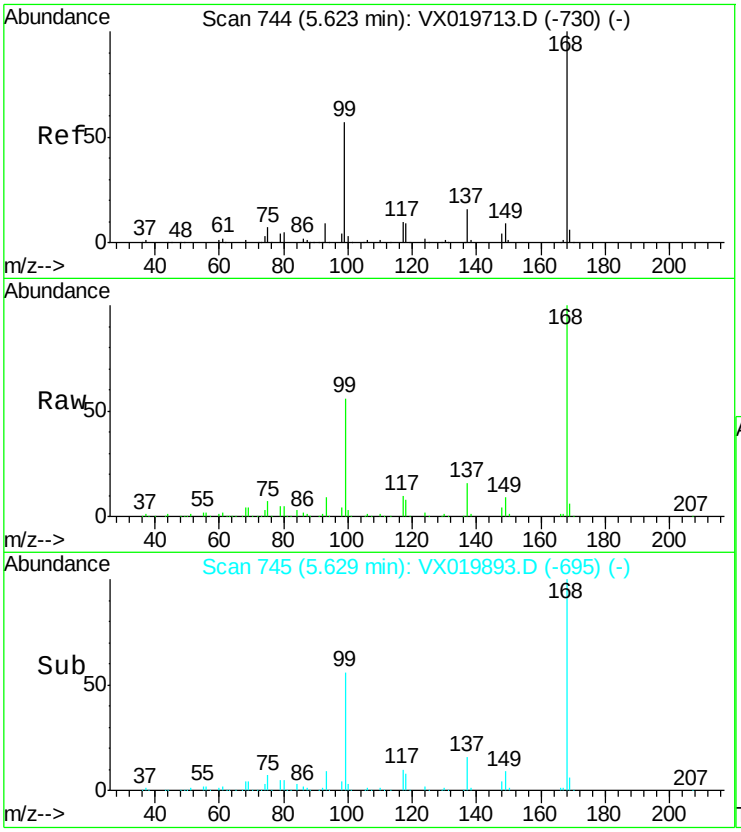
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019893.D
Acq On : 11 Dec 2020 22:26
Operator : JC/MD
Sample : L4996-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Quant Time: Dec 12 00:07:19 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



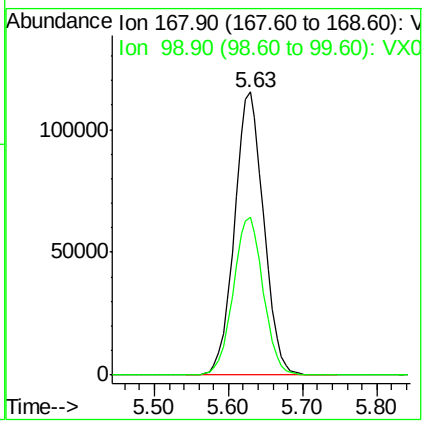


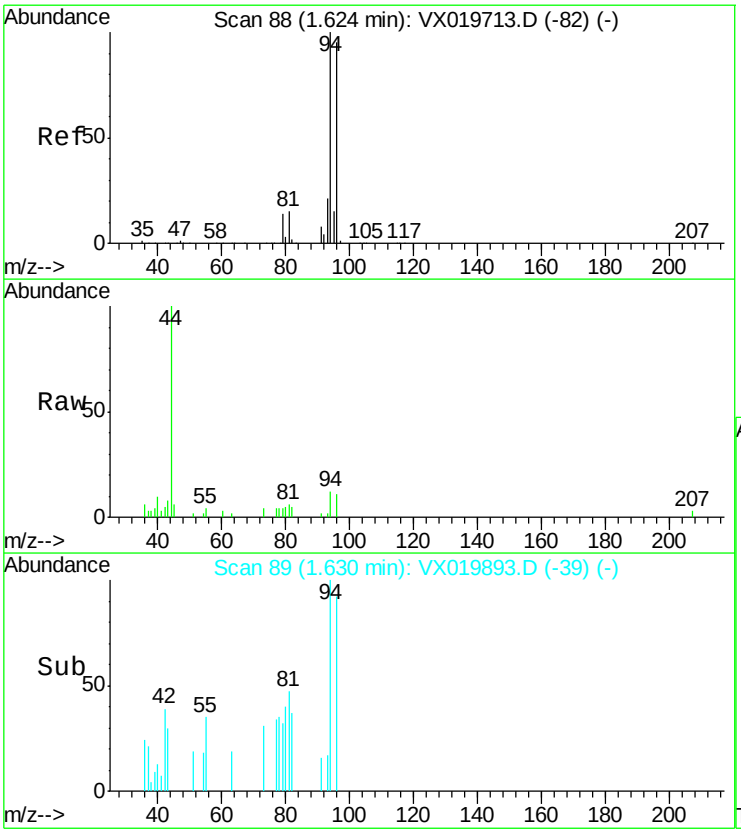
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion:168 Resp: 316361

Ion	Ratio	Lower	Upper
168	100		
99	55.7	45.8	68.6

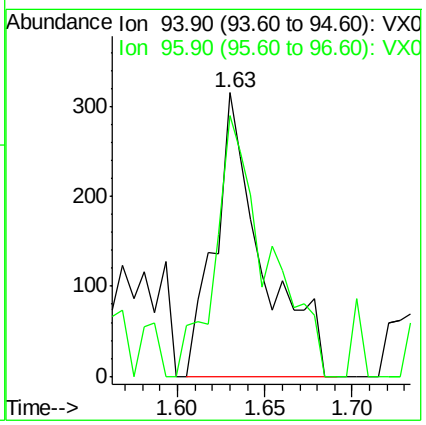


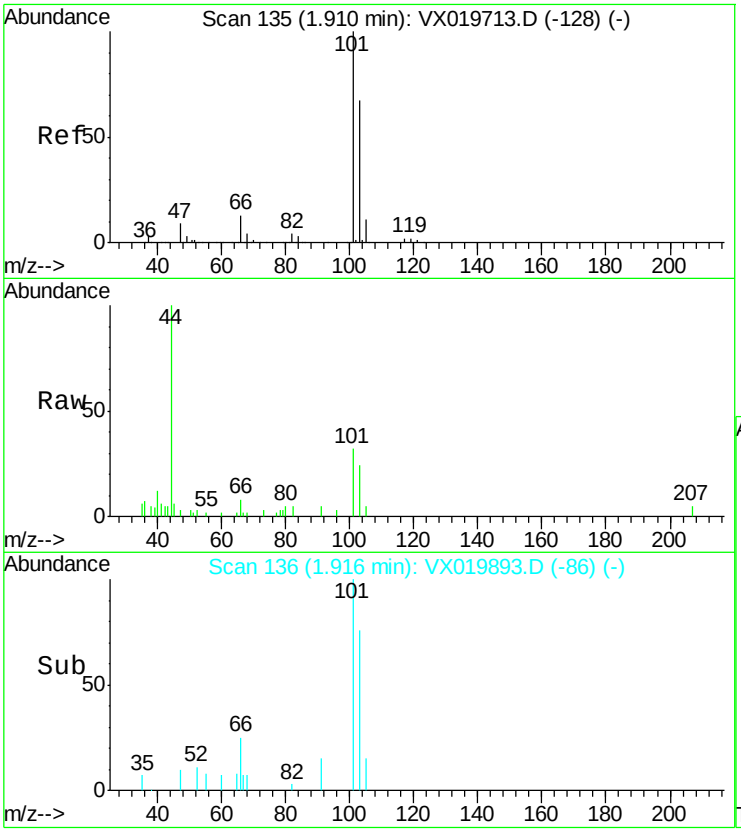


#5
Bromomethane
Concen: 0.496 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 94 Resp: 592

Ion	Ratio	Lower	Upper
94	100		
96	92.1	76.4	114.6



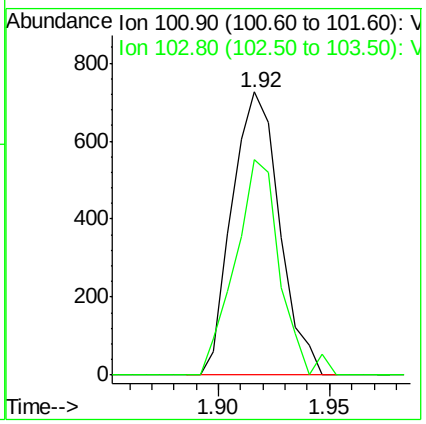


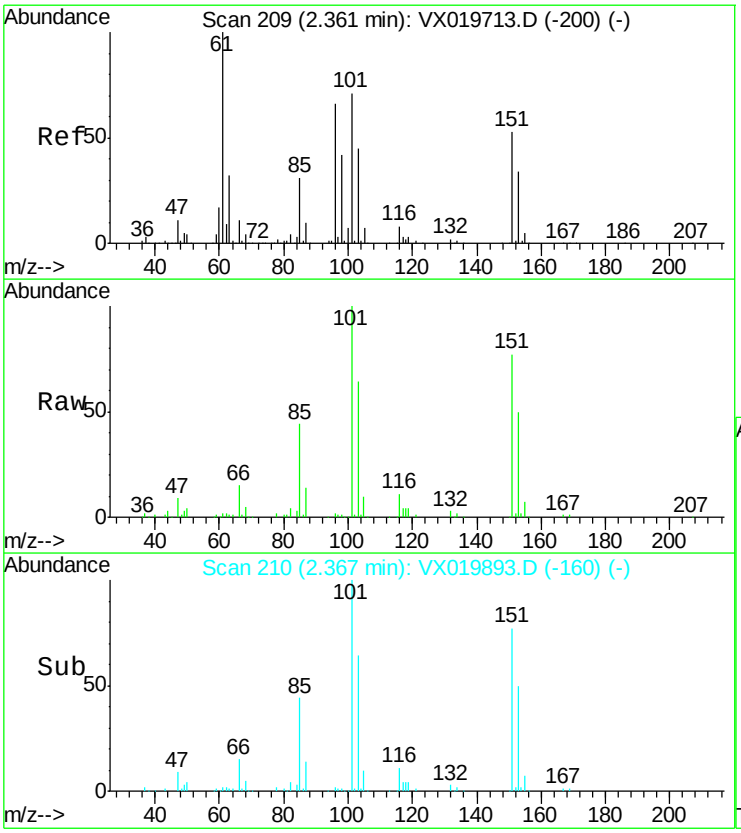
#7
Trichlorofluoromethane
Concen: 0.216 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion:101 Resp: 1082

Ion	Ratio	Lower	Upper
101	100		
103	76.2	53.2	79.8

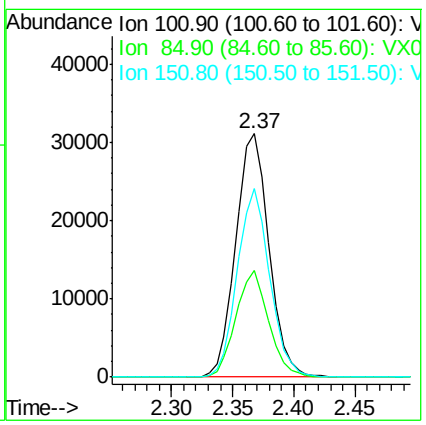


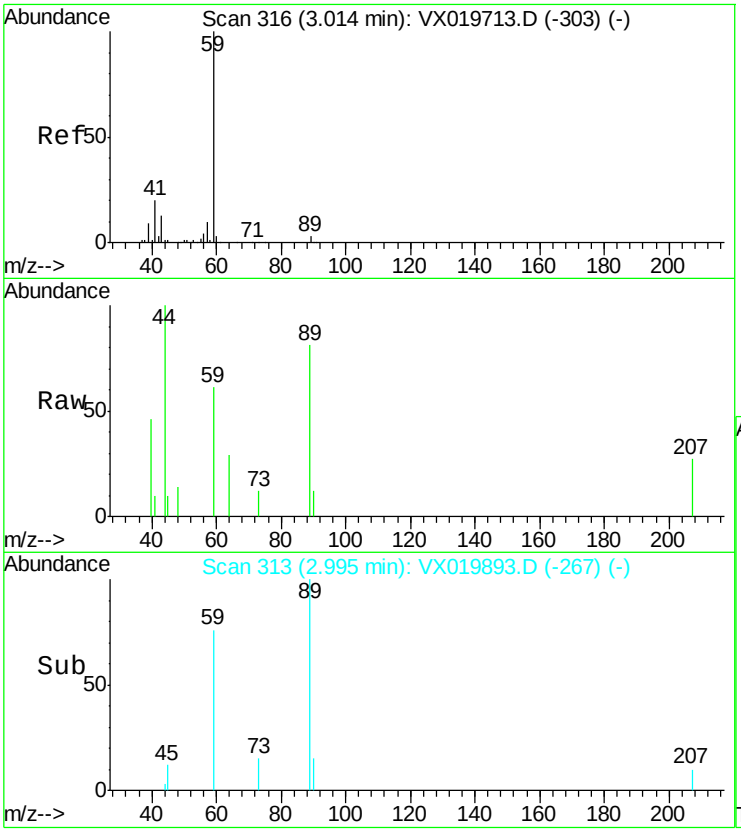


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.502 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:101 Resp: 58780

Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.9	52.3
151	75.6	61.4	92.2



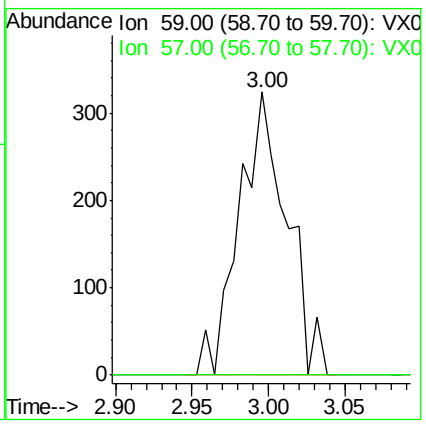


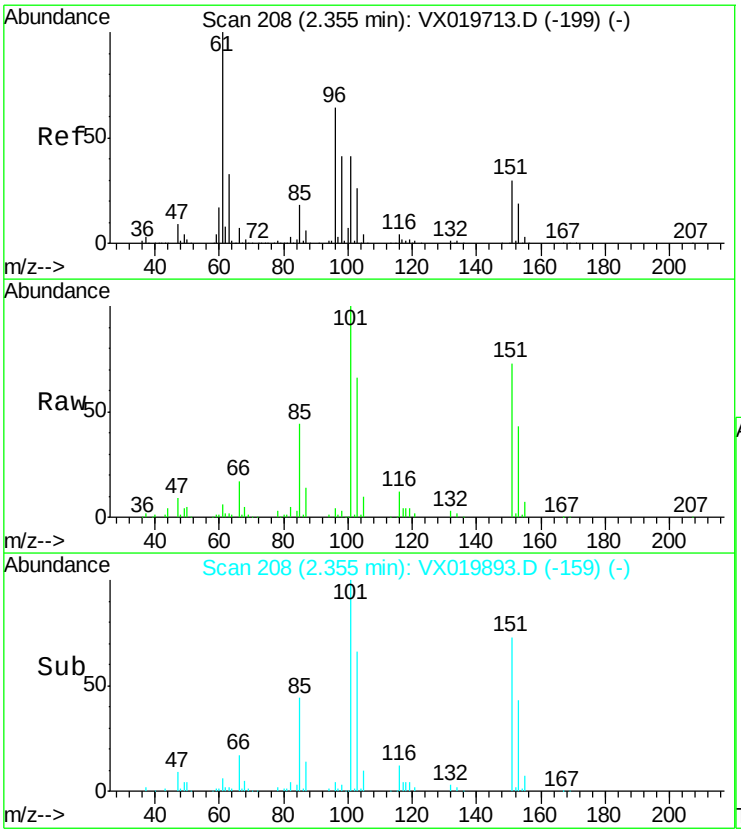
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion: 59 Resp: 700

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

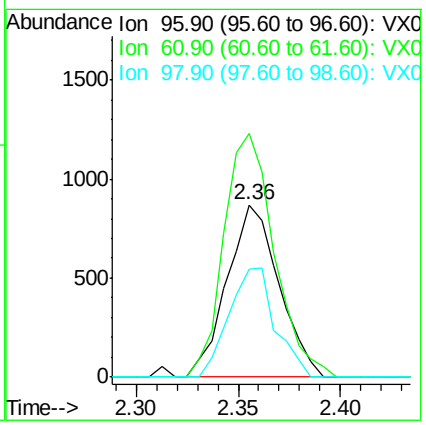


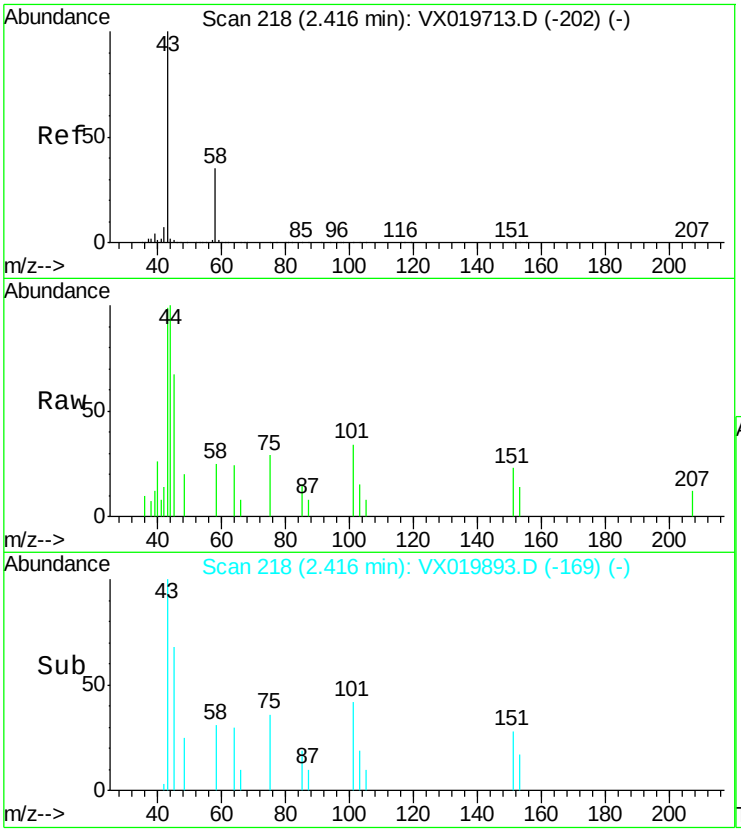


#12
1,1-Dichloroethene
Concen: 0.529 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 96 Resp: 1534

Ion	Ratio	Lower	Upper
96	100		
61	141.6	124.6	187.0
98	62.9	50.6	76.0



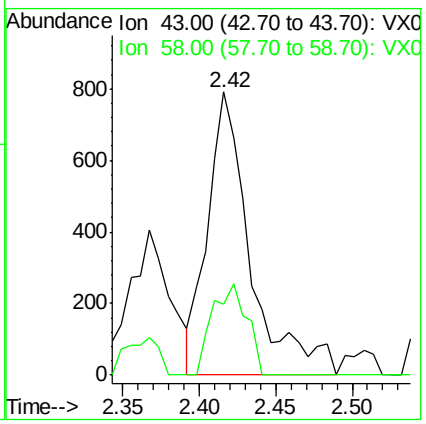


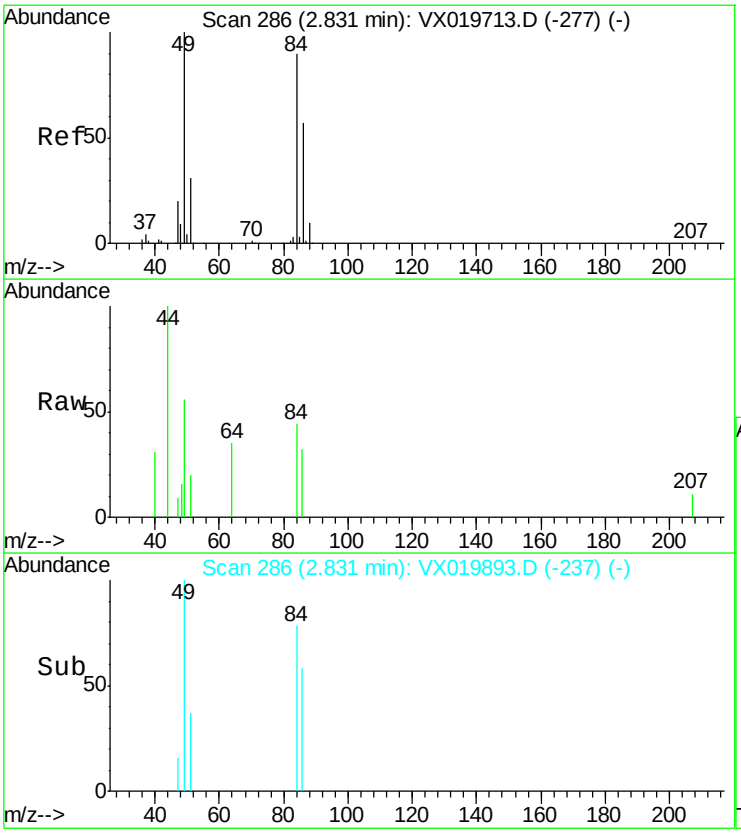
#16
Acetone
Concen: 0.980 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument : MSVOA_X
ClientSampleId : RE134D2-20201208

Tgt Ion: 43 Resp: 1532

Ion	Ratio	Lower	Upper
43	100		
58	25.0	27.8	41.8#

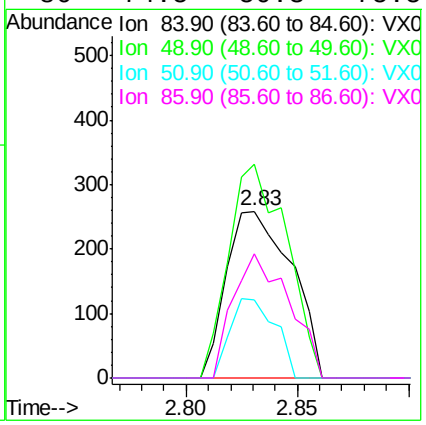


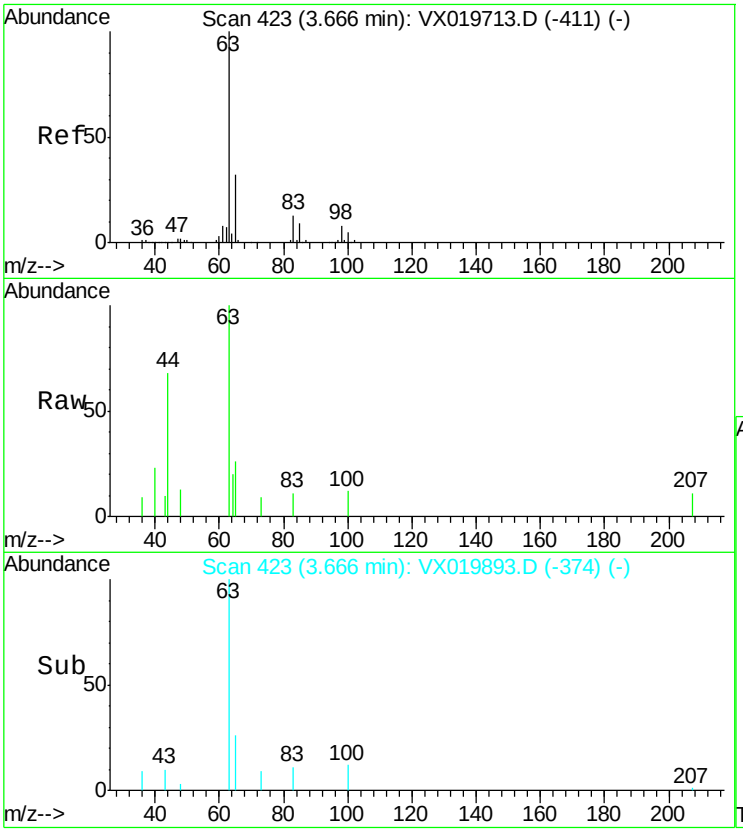


#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 84 Resp: 525

Ion	Ratio	Lower	Upper
84	100		
49	127.8	88.6	132.8
51	46.7	27.0	40.6#
86	74.5	50.3	75.5



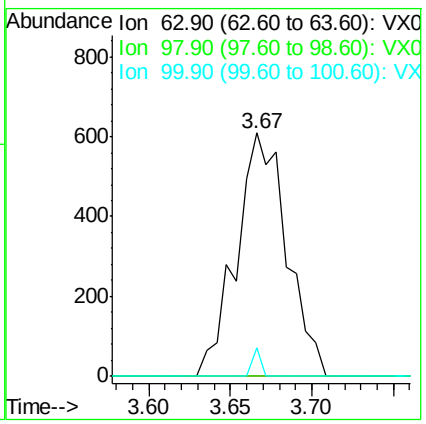


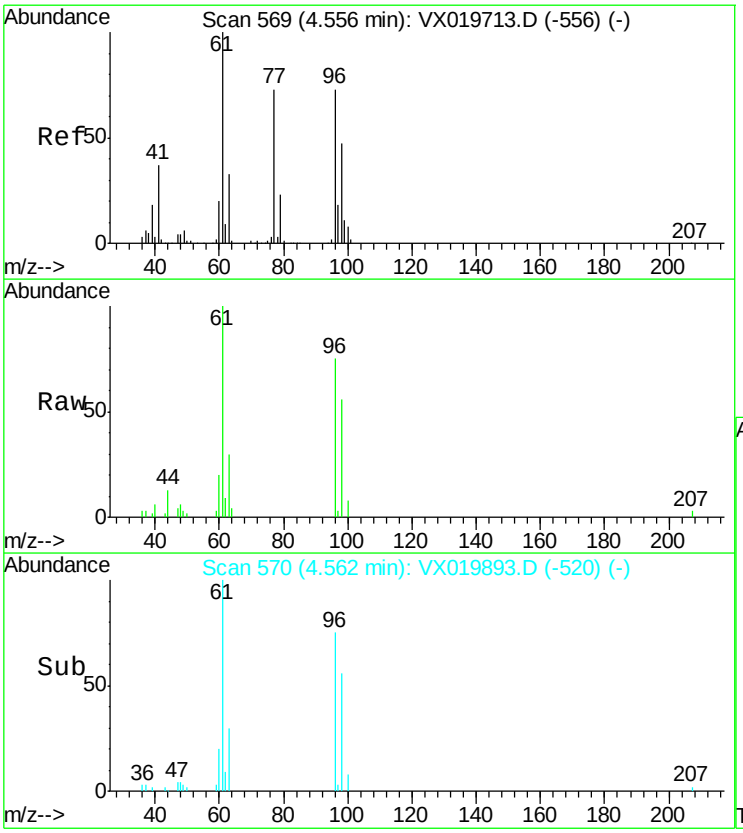
#24
1,1-Dichloroethane
Concen: 0.220 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion: 63 Resp: 1314

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	11.8	2.5	7.5#

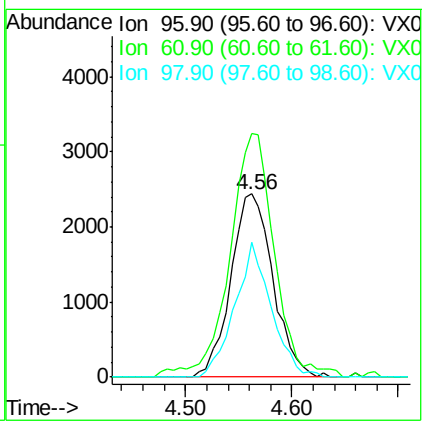


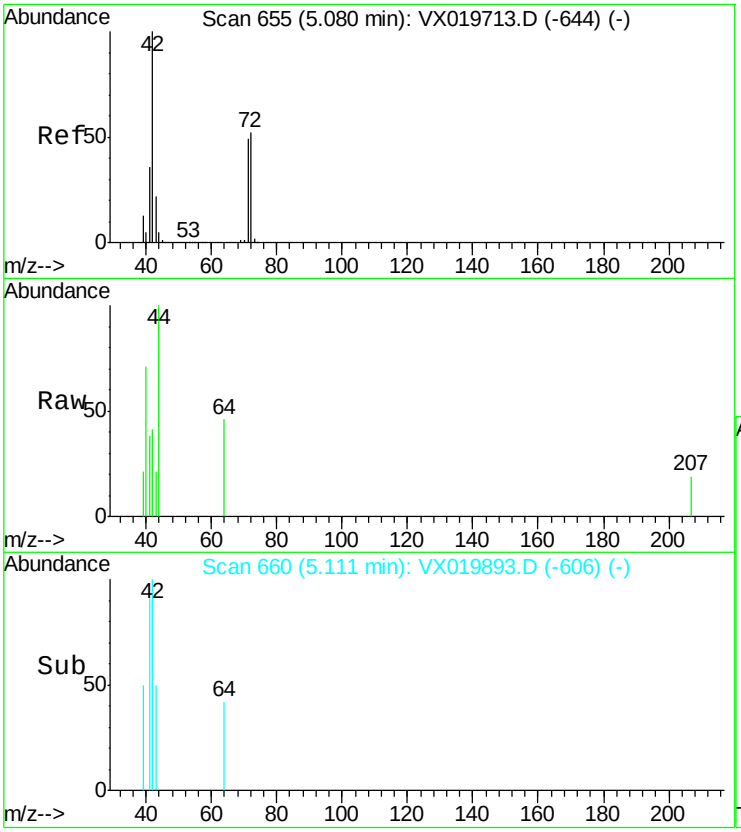


#27
cis-1,2-Dichloroethene
Concen: 1.715 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 96 Resp: 6783

Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	285.6
98	63.6	0.0	129.6



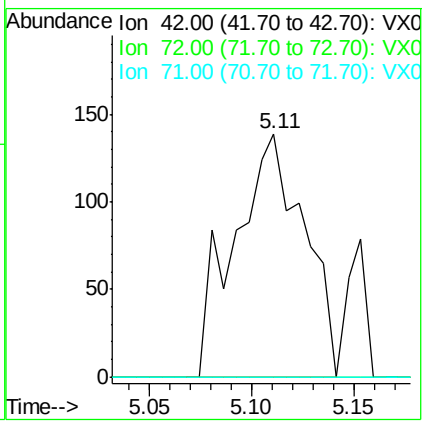


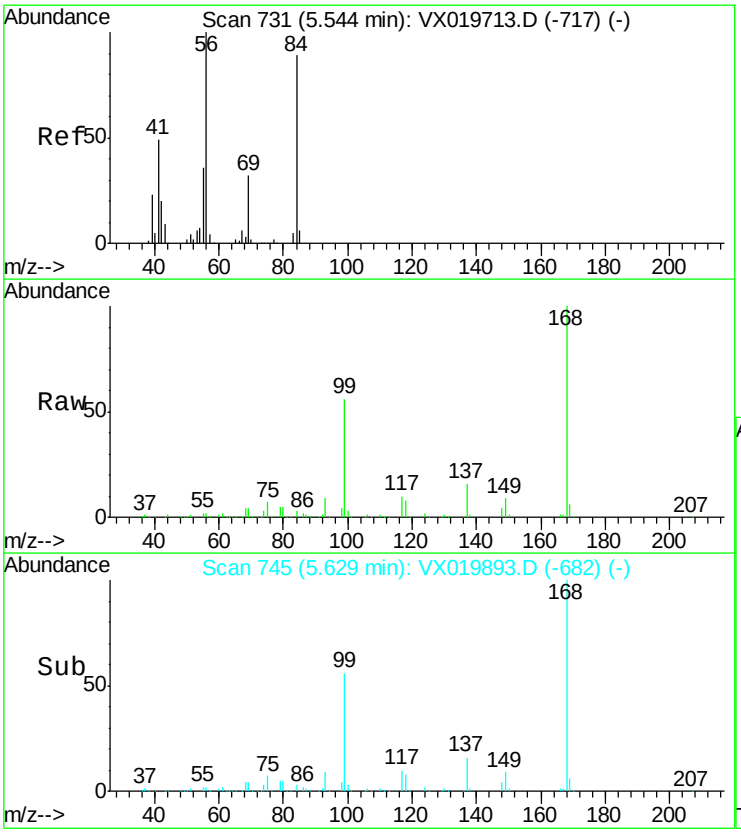
#29
Tetrahydrofuran
Concen: 0.213 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion: 42 Resp: 330

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

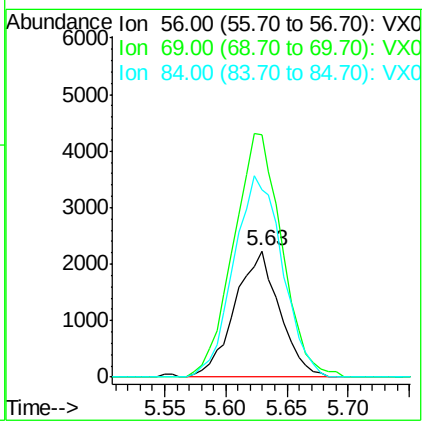


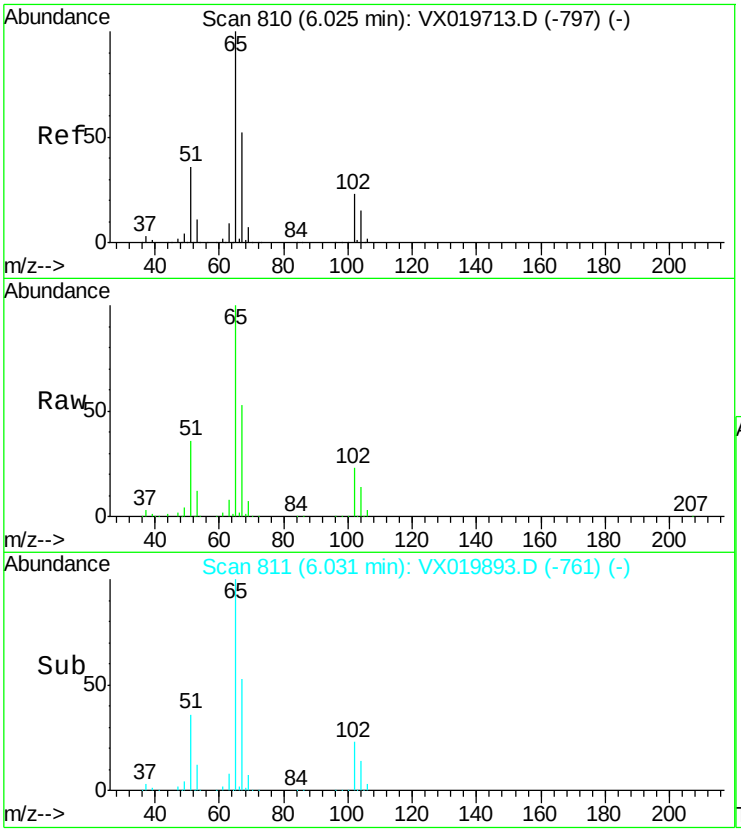


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 56 Resp: 5704

Ion	Ratio	Lower	Upper
56	100		
69	191.5	25.3	37.9#
84	148.1	71.4	107.0#



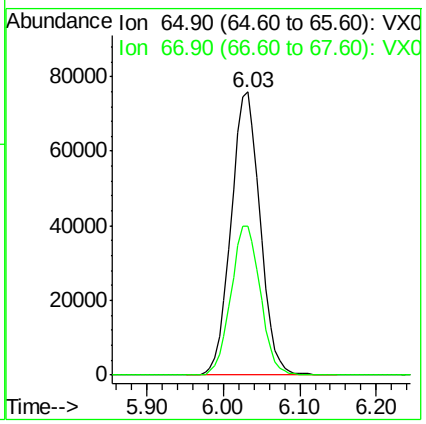


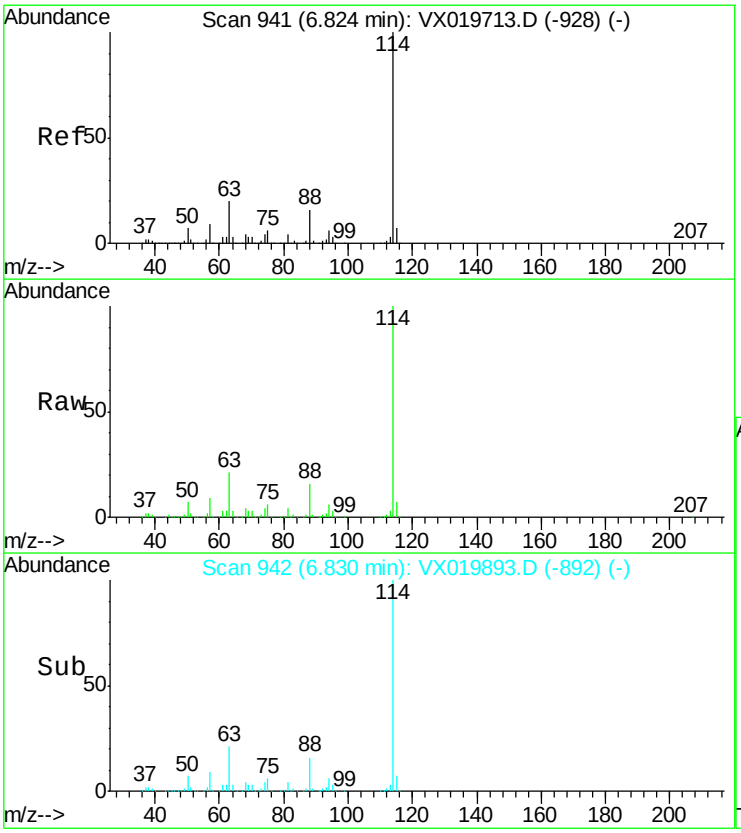
#33
1,2-Dichloroethane-d4
Concen: 47.988 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument : MSVOA_X
ClientSampleId : RE134D2-20201208

Tgt Ion: 65 Resp: 199530

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

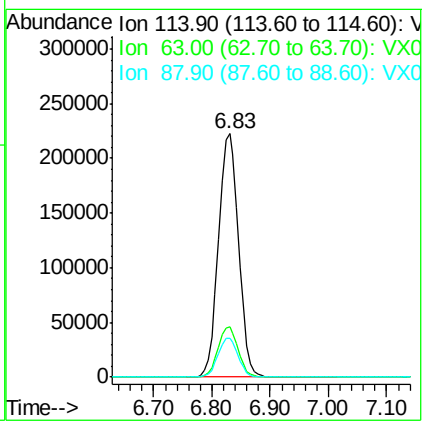


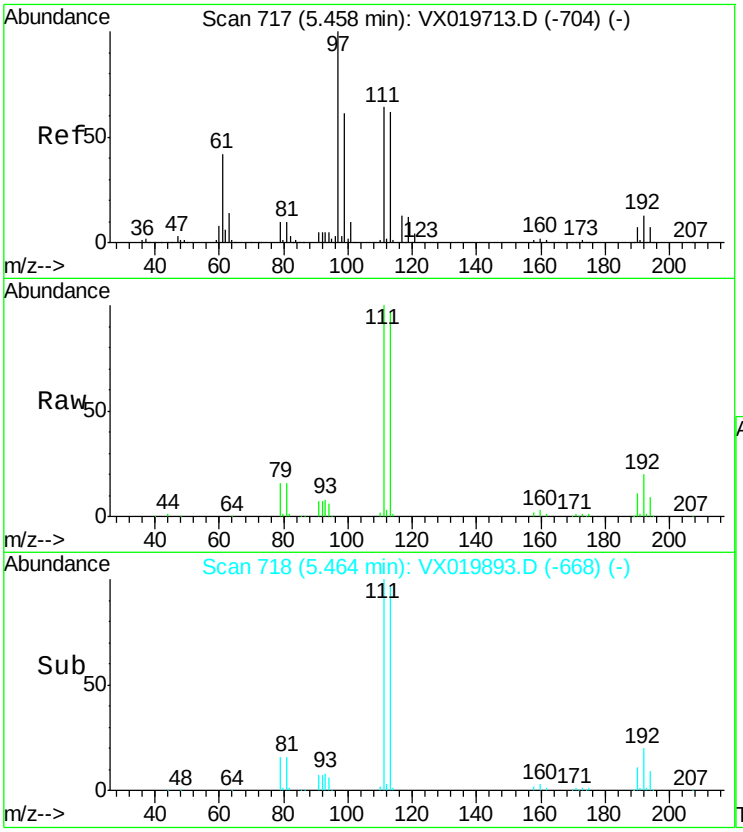


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:114 Resp: 531845

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.1	0.0	32.8



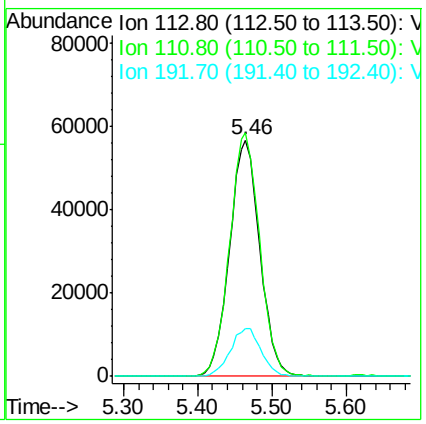


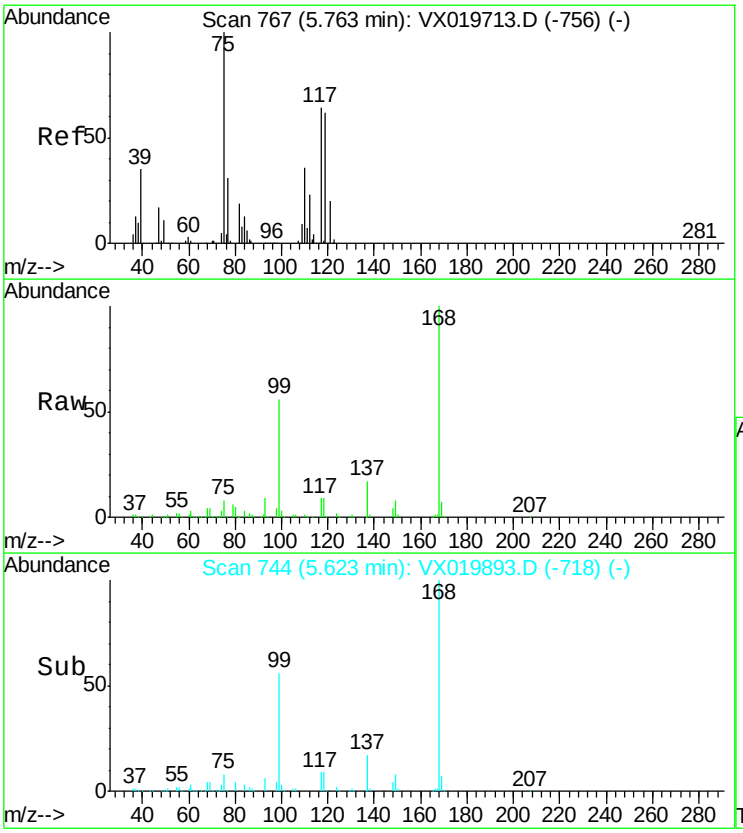
#35
Dibromofluoromethane
Concen: 46.987 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion:113 Resp: 161506

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.7	16.7	25.1

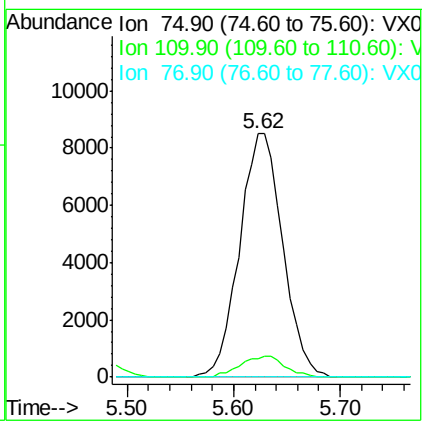


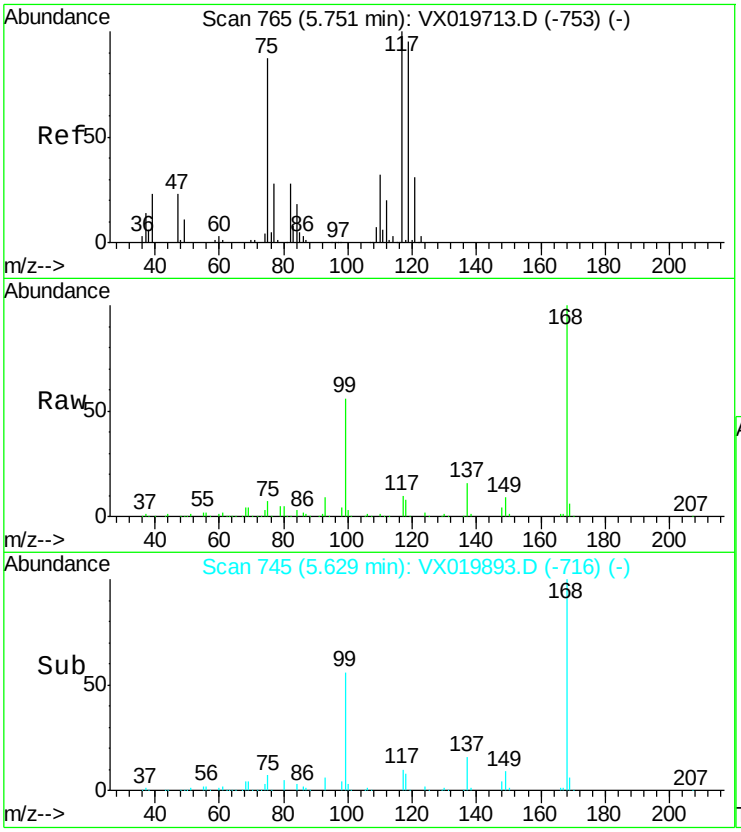


#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 75 Resp: 24104

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#



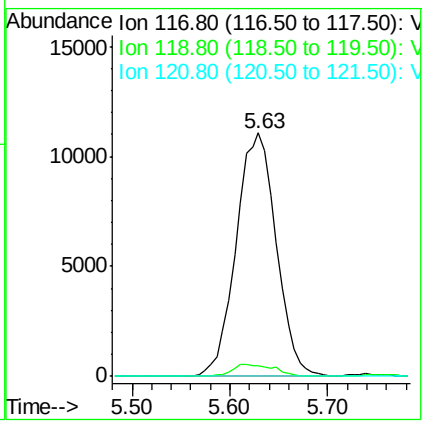


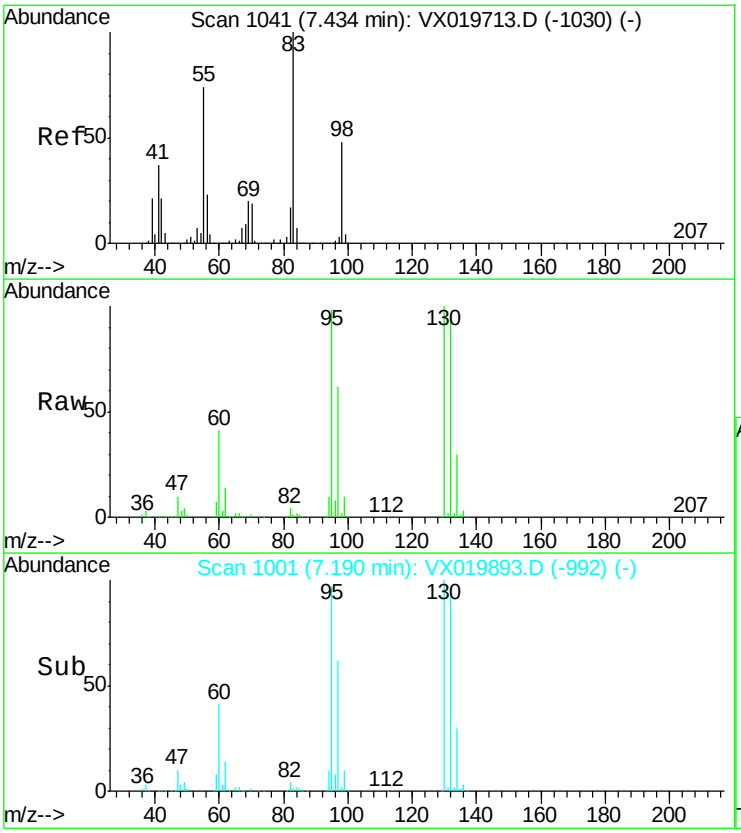
#38
Carbon Tetrachloride
Concen: 6.658 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion:117 Resp: 31334

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.2#
121	0.0	24.8	37.2#

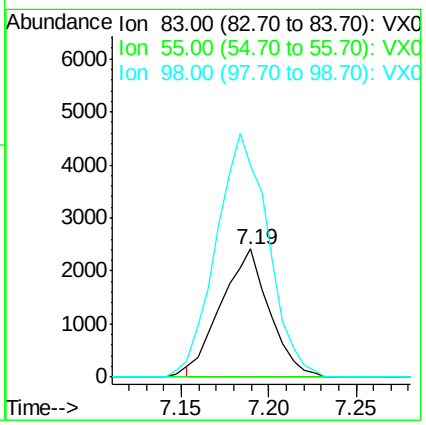


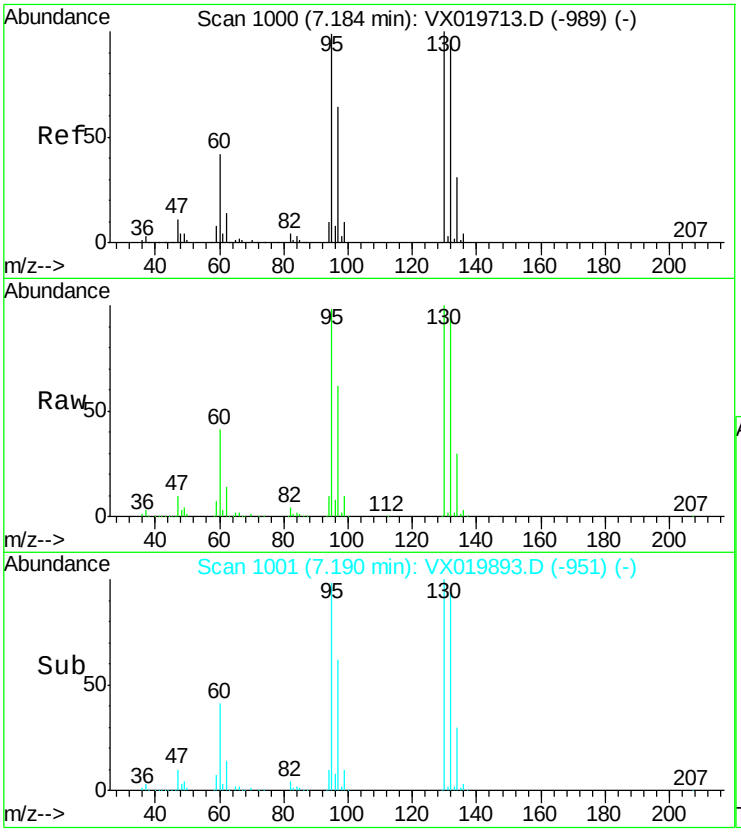


#39
Methylcyclohexane
Concen: 0.817 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.24 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 83 Resp: 4611

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	165.0	38.1	57.1#



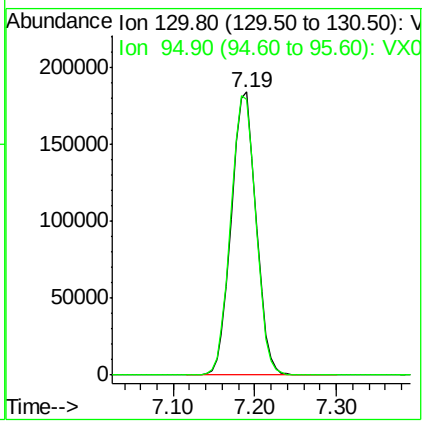


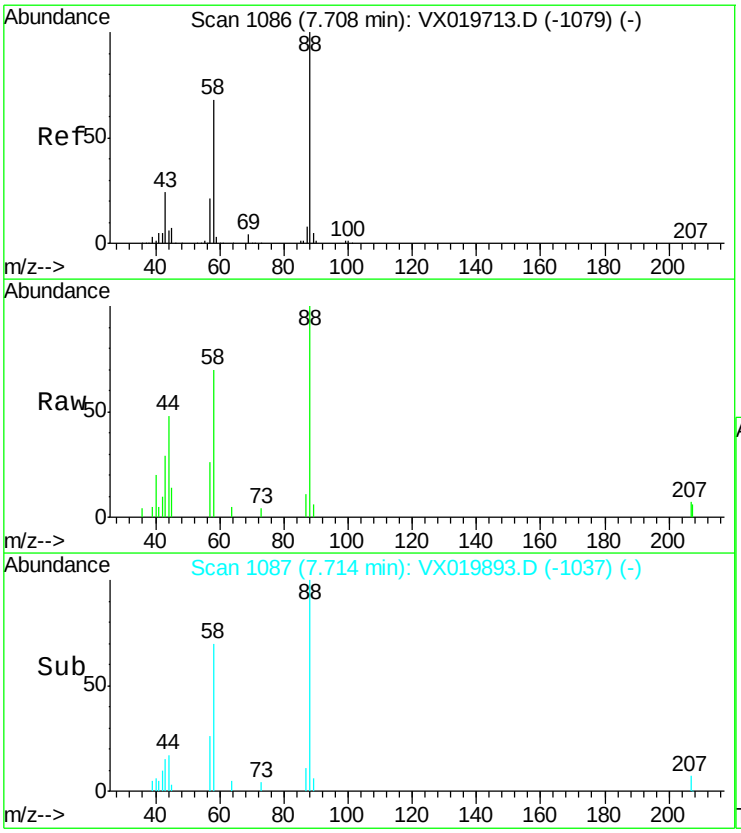
#44
Trichloroethene
Concen: 99.970 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion:130 Resp: 385071

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	198.0

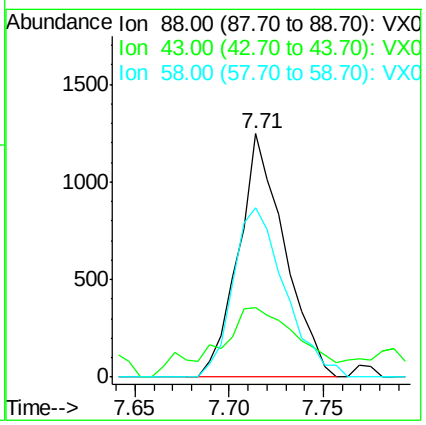


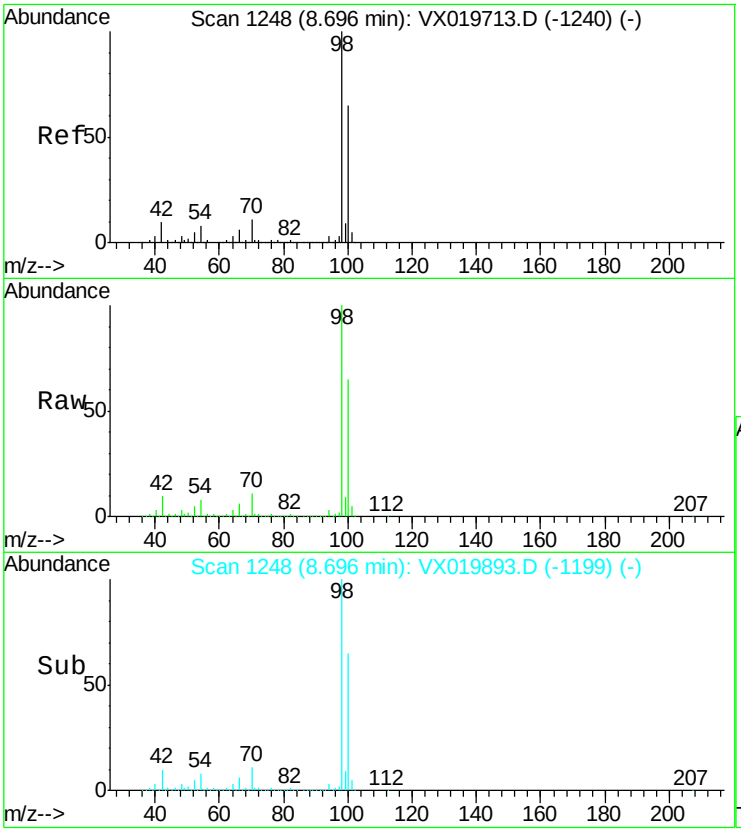


#49
1,4-Dioxane
Concen: 22.535 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 88 Resp: 2118

Ion	Ratio	Lower	Upper
88	100		
43	52.6	23.2	34.8#
58	78.4	55.0	82.4



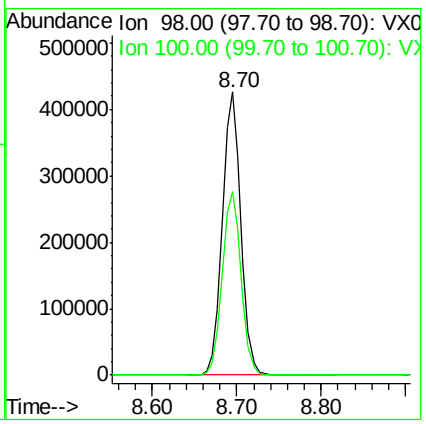


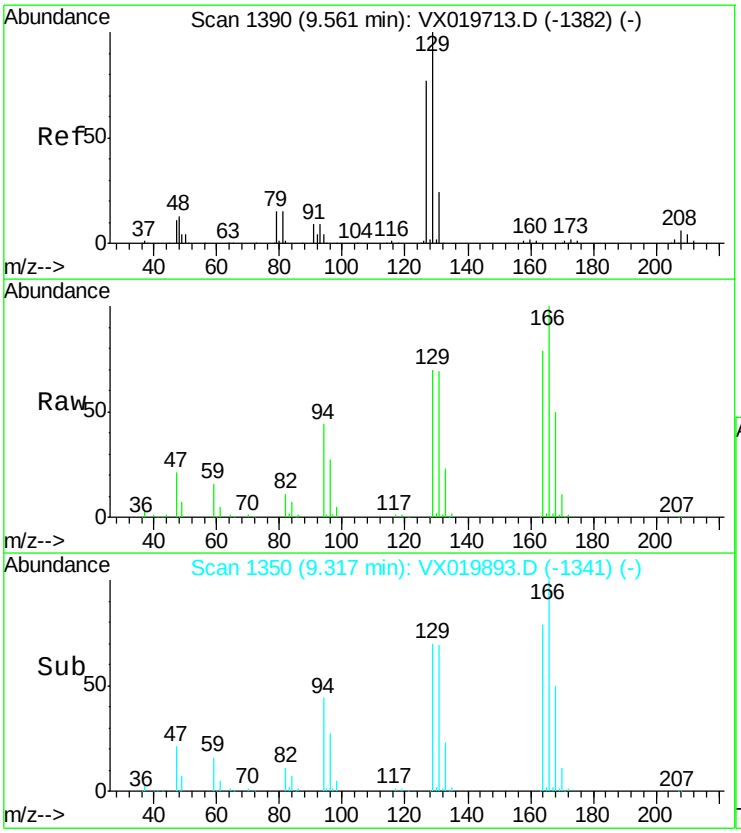
#50
Toluene-d8
Concen: 49.137 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion: 98 Resp: 644805

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9

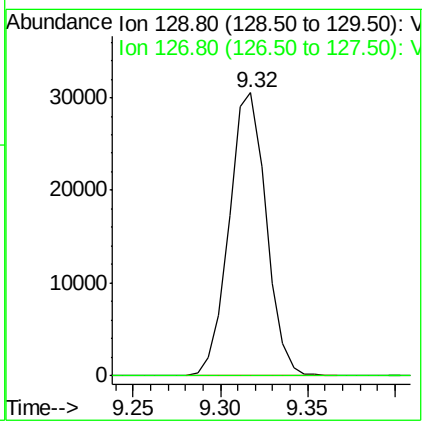


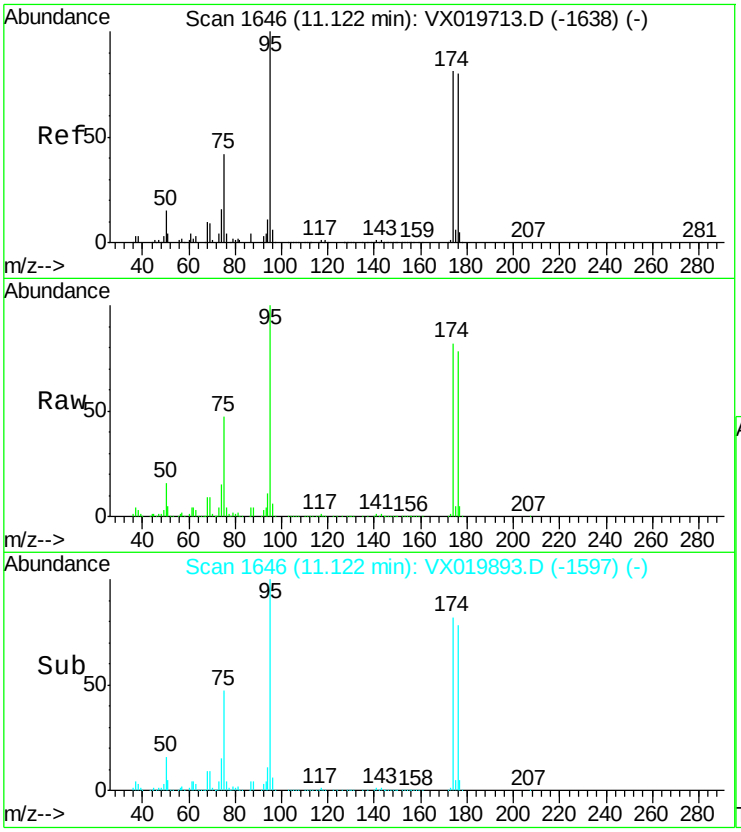


#60
Dibromochloromethane
Concen: 11.985 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:129 Resp: 45054

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



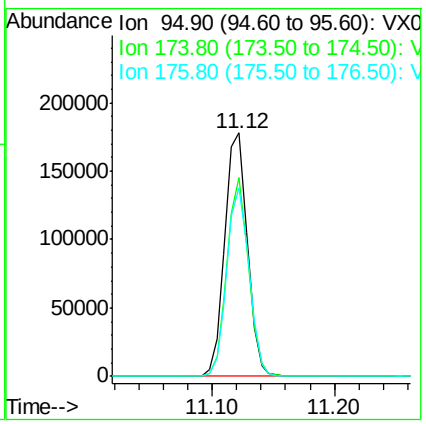


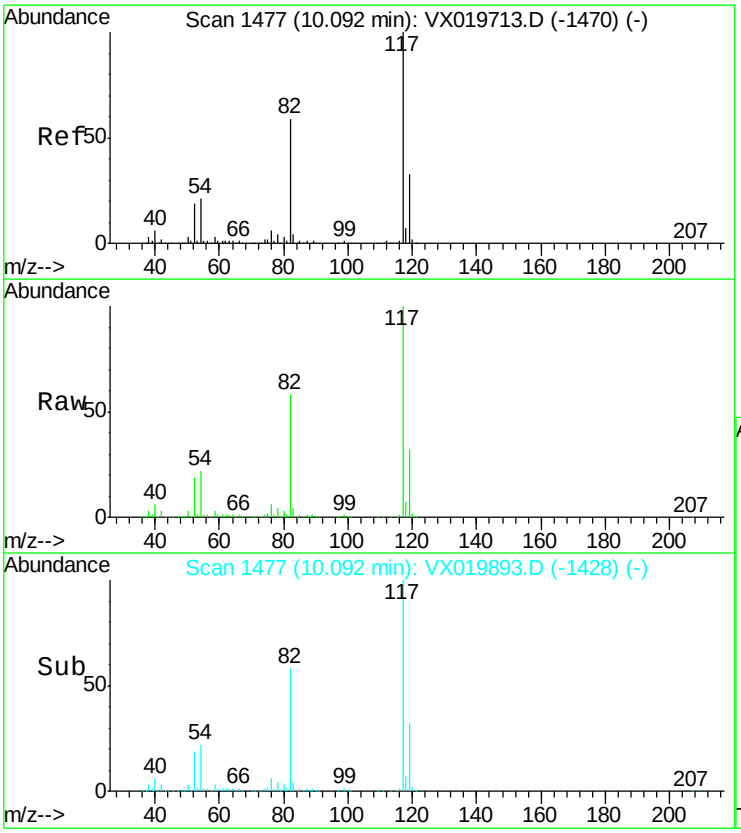
#62
4-Bromofluorobenzene
Concen: 45.525 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion: 95 Resp: 227380

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	154.6
176	76.0	0.0	155.8

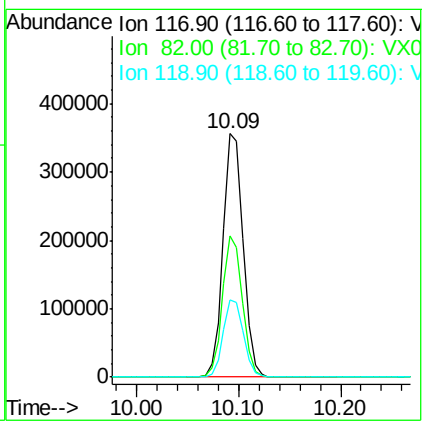


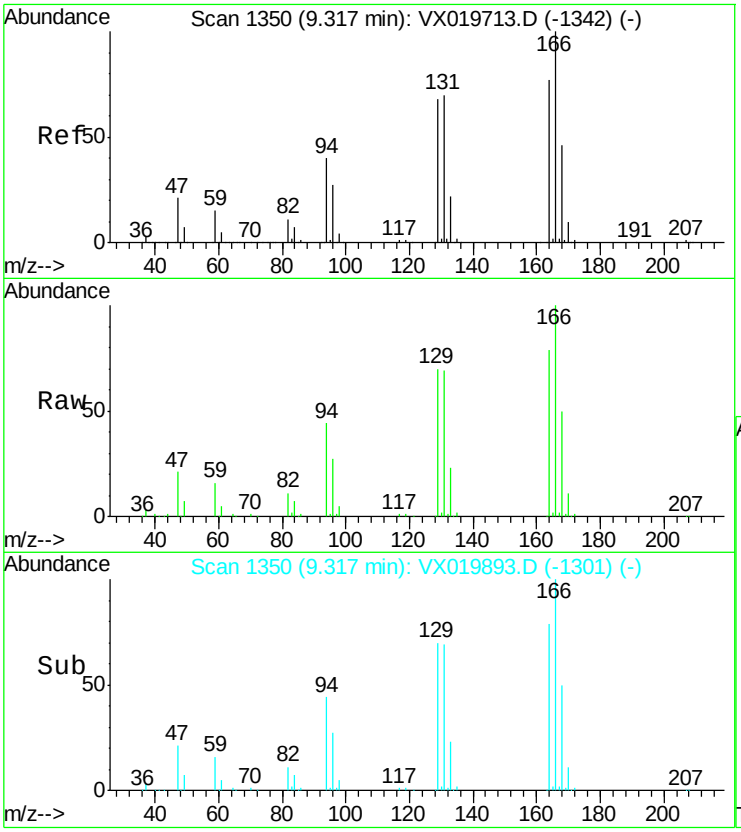


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:117 Resp: 485708

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	31.8	26.6	39.8



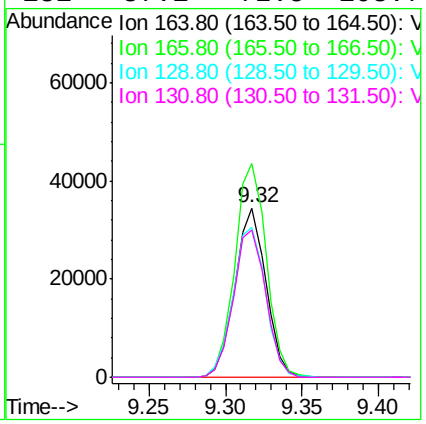


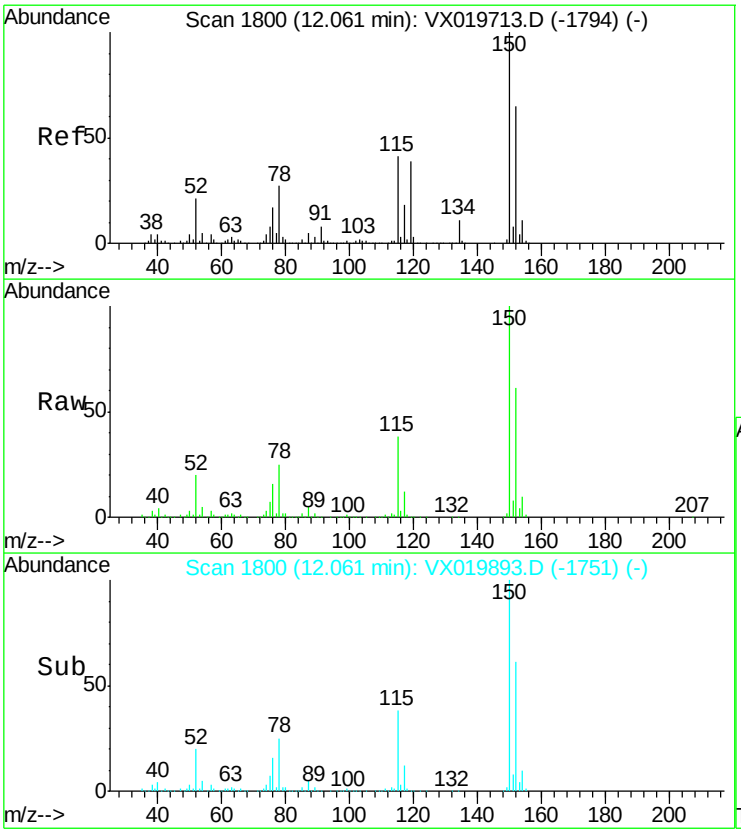
#64
Tetrachloroethene
Concen: 14.877 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion:164 Resp: 48459

Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.4	155.2
129	88.5	70.8	106.2
131	87.1	72.5	108.7

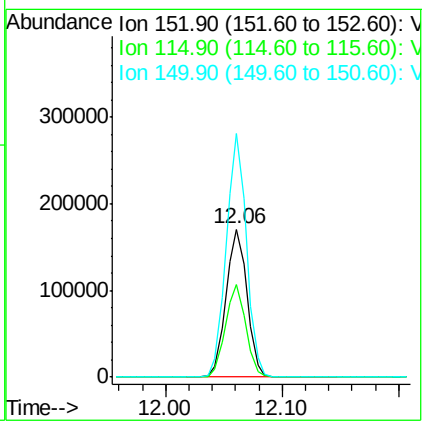


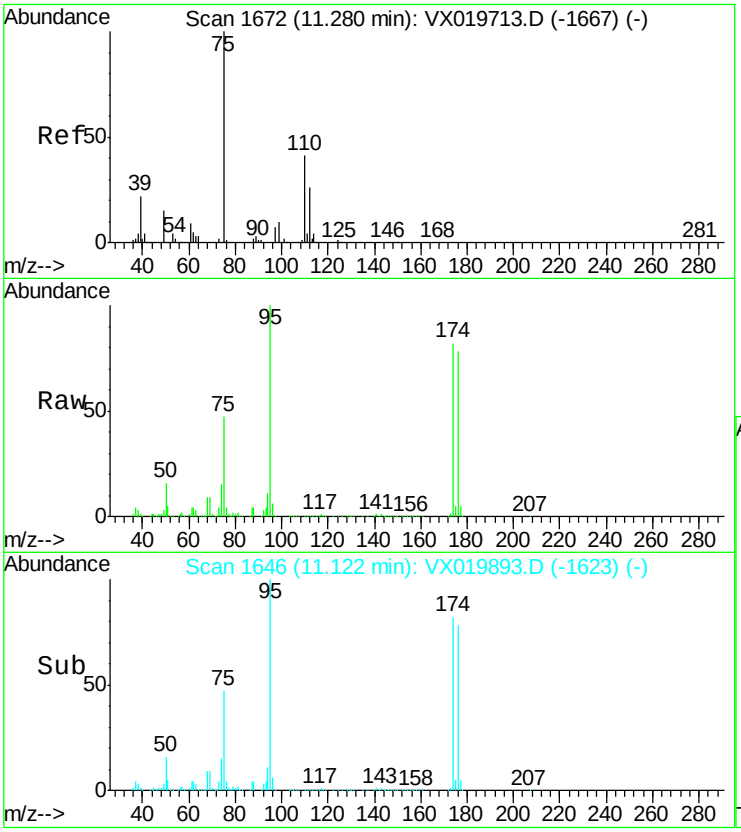


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion:152 Resp: 212955

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	158.8	0.0	349.0



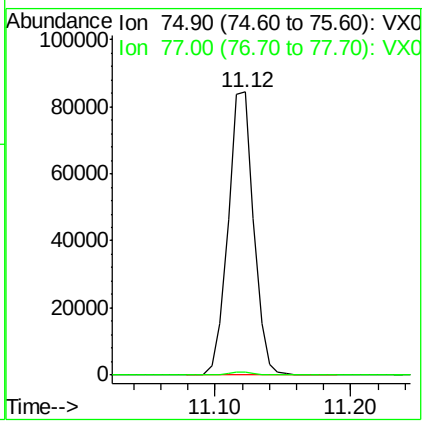


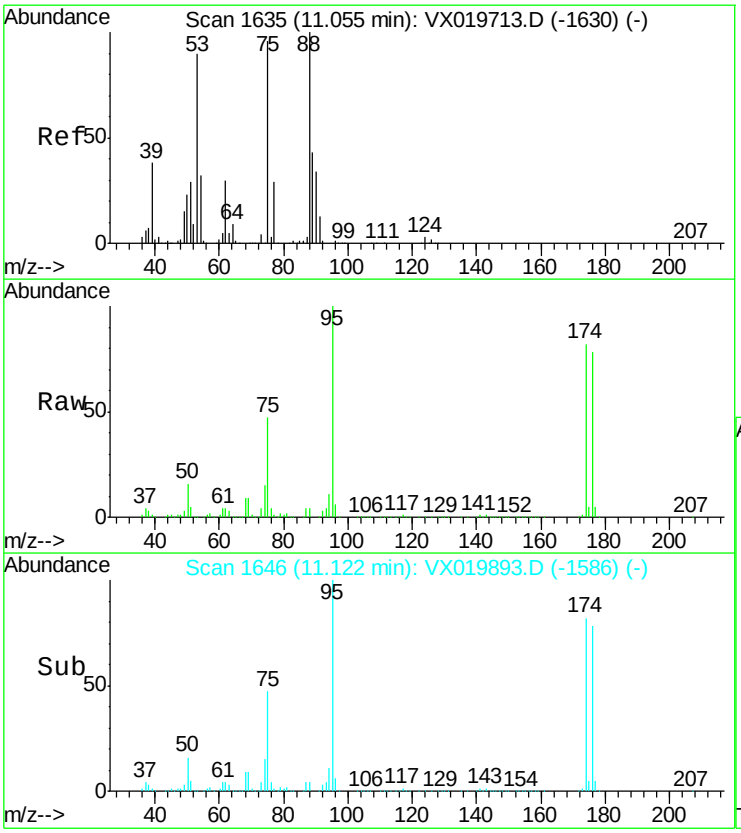
#76
1,2,3-Trichloropropane
Concen: 22.966 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20201208

Tgt Ion: 75 Resp: 109691

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.391 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019893.D
Acq: 11 Dec 2020 22:26

Tgt Ion: 75 Resp: 109691

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