Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019930.D
Acq On : 12 Dec 2020 14:28
Operator : JC/MD
Sample : L5025-06DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-570-120920DL

Quant Time: Dec 14 05:29:04 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	313371	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	514512	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	472144	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208576	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	196995	47.83	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.66%				
35) Dibromofluoromethane	5.46	113	159247	47.89	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.78%				
50) Toluene-d8	8.70	98	623180	49.09	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.18%				
62) 4-Bromofluorobenzene	11.12	95	221199	45.78	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.56%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.39	62	3743	1.052	ug/l		98
5) Bromomethane	1.63	94	1077	0.912	ug/l	#	67
10) Methyl Iodide	2.49	142	1785	0.426	ug/l		97
11) Tert butyl alcohol	2.99	59	4623	2.877	ug/l	#	73
13) Acrolein	2.28	56	364	0.801	ug/l	#	82
15) Acrylonitrile	3.11	53	575	0.309	ug/l	#	90
16) Acetone	2.42	43	926	0.598	ug/l		99
17) Carbon Disulfide	2.55	76	1798	0.218	ug/l	#	89
20) Methylene Chloride	2.84	84	973	Below Cal			94
21) trans-1,2-Dichloroethene	3.15	96	3215	0.960	ug/l		88
25) 2-Butanone	4.64	43	555	0.233	ug/l	#	45
27) cis-1,2-Dichloroethene	4.56	96	177086	45.206	ug/l		90
31) Cyclohexane	5.62	56	6097	1.190	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	23399	5.033	ug/l	#	49
38) Carbon Tetrachloride	5.62	117	30563	6.713	ug/l	#	16
40) Benzene	6.11	78	4530	0.319	ug/l		98
65) Chlorobenzene	10.12	112	14704	1.563	ug/l		99
76) 1,2,3-Trichloropropane	11.12	75	107389	22.956	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	107389	66.362	ug/l	#	12
93) 1,2,4-Trichlorobenzene	13.62	180	859	0.202	ug/l		96
94) Hexachlorobutadiene	13.77	225	464	0.244	ug/l		86

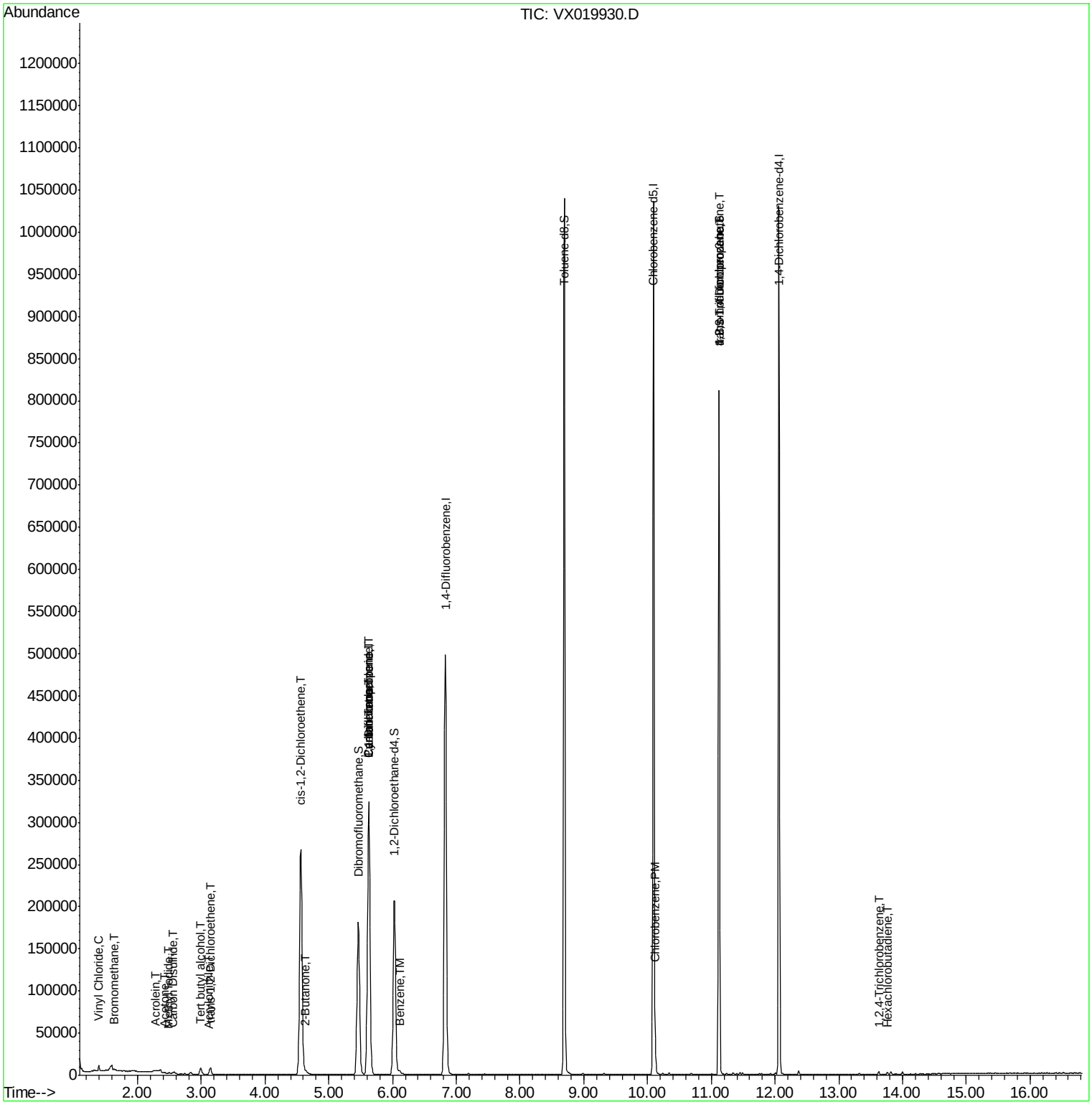
(#) = qualifier out of range (m) = manual integration (+) = signals summed

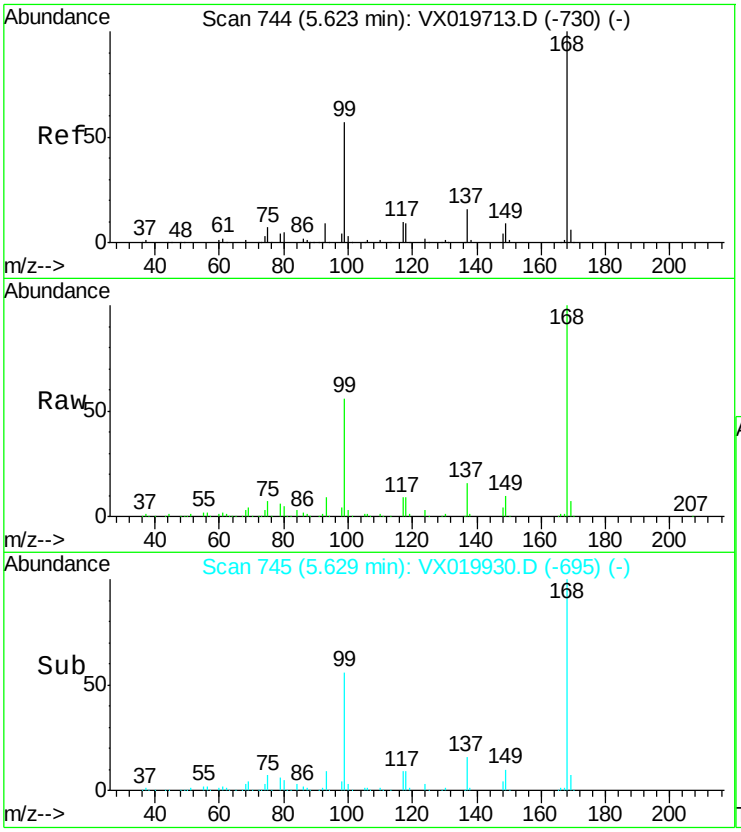
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019930.D
Acq On : 12 Dec 2020 14:28
Operator : JC/MD
Sample : L5025-06DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Quant Time: Dec 14 05:29:04 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



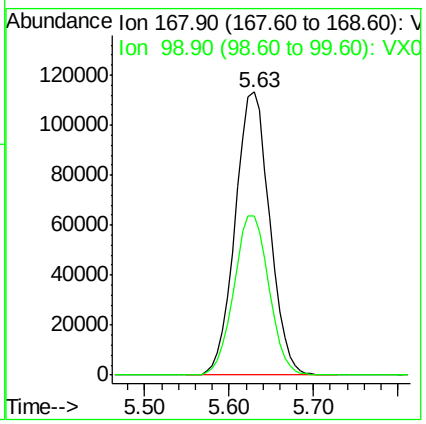


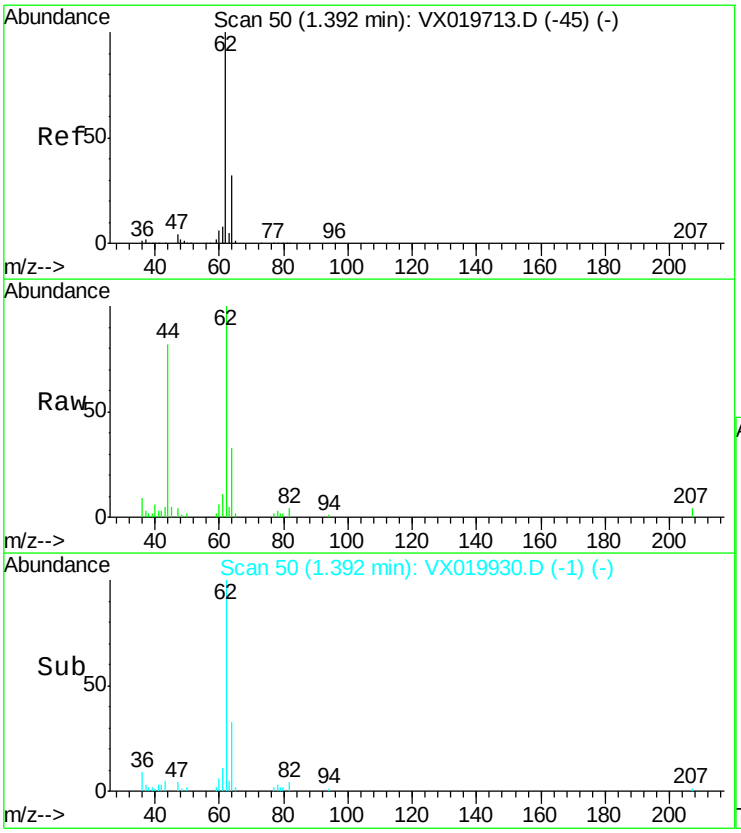
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion:168 Resp: 313371

Ion	Ratio	Lower	Upper
168	100		
99	56.1	45.8	68.6

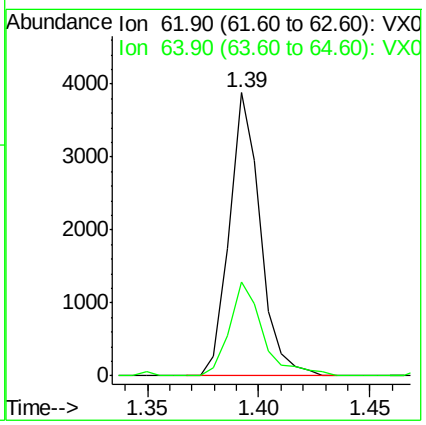


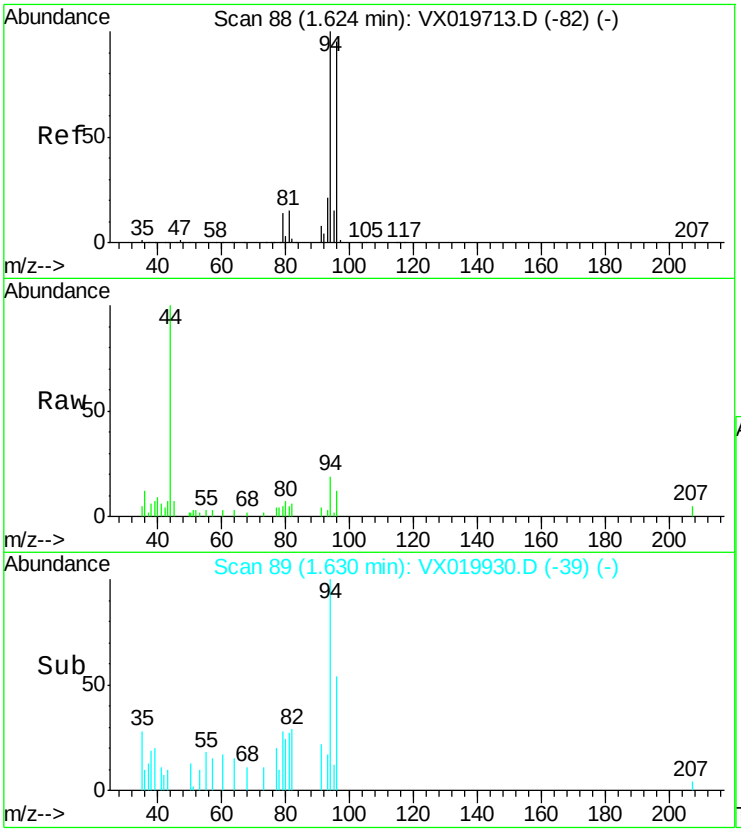


#4
Vinyl Chloride
Concen: 1.052 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 62 Resp: 3743

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.7	38.5



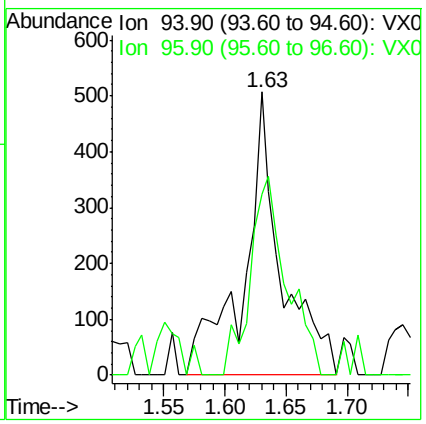


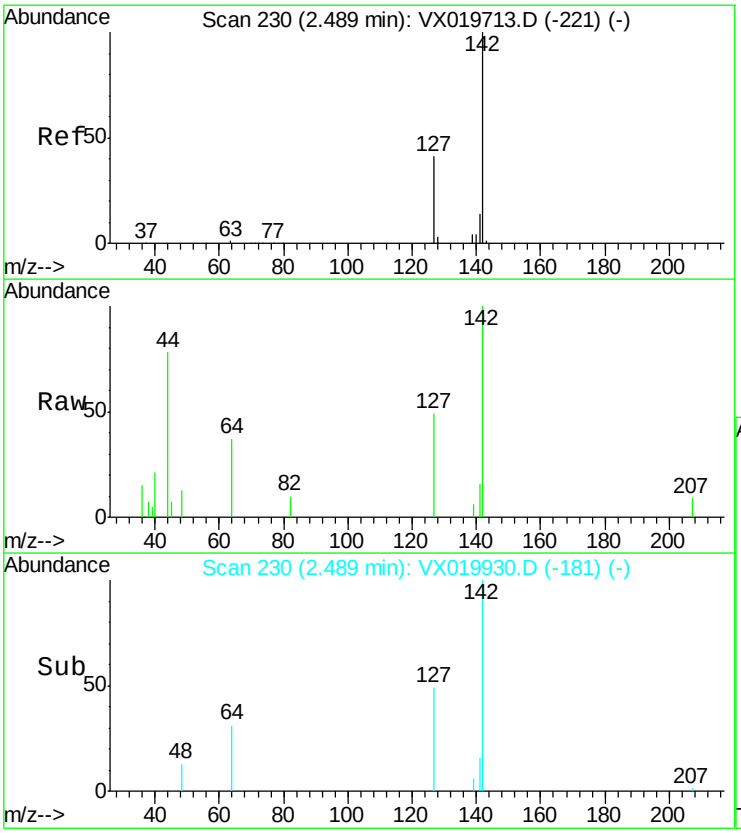
#5
Bromomethane
Concen: 0.912 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 94 Resp: 1077

Ion	Ratio	Lower	Upper
94	100		
96	63.7	76.4	114.6#

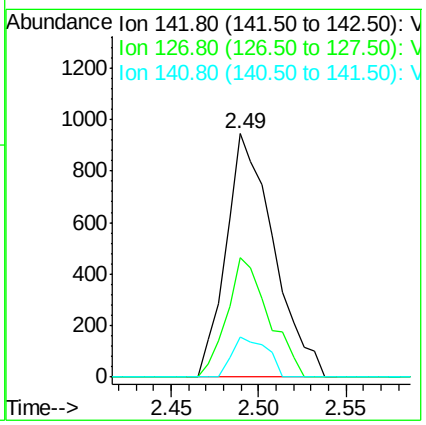


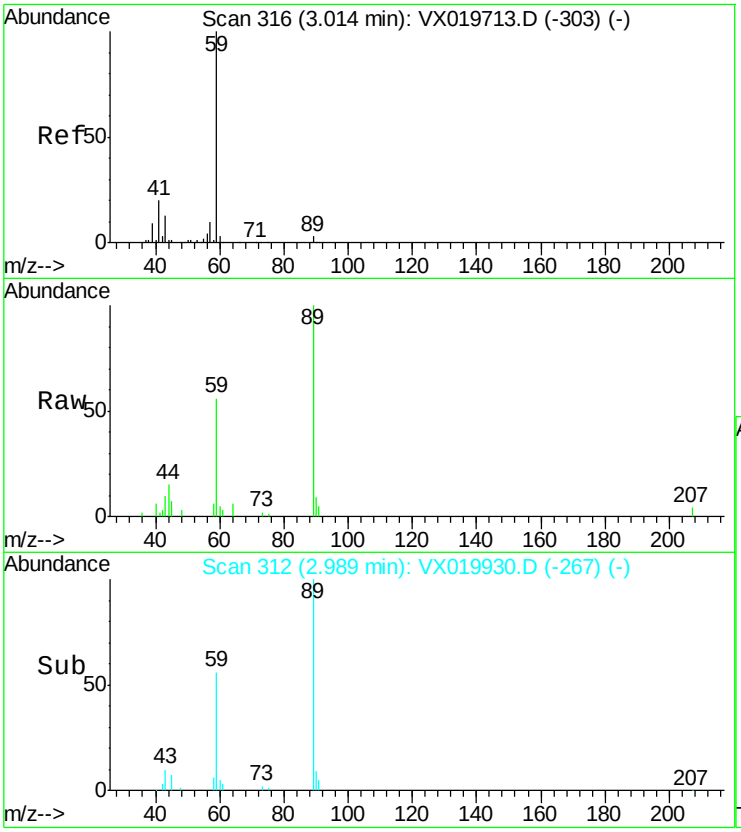


#10
Methyl Iodide
Concen: 0.426 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion:142 Resp: 1785

Ion	Ratio	Lower	Upper
142	100		
127	42.9	33.3	49.9
141	12.1	11.4	17.0



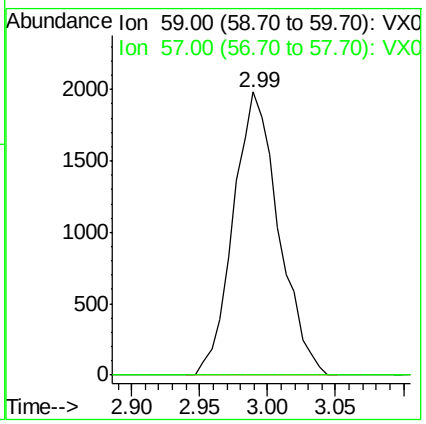


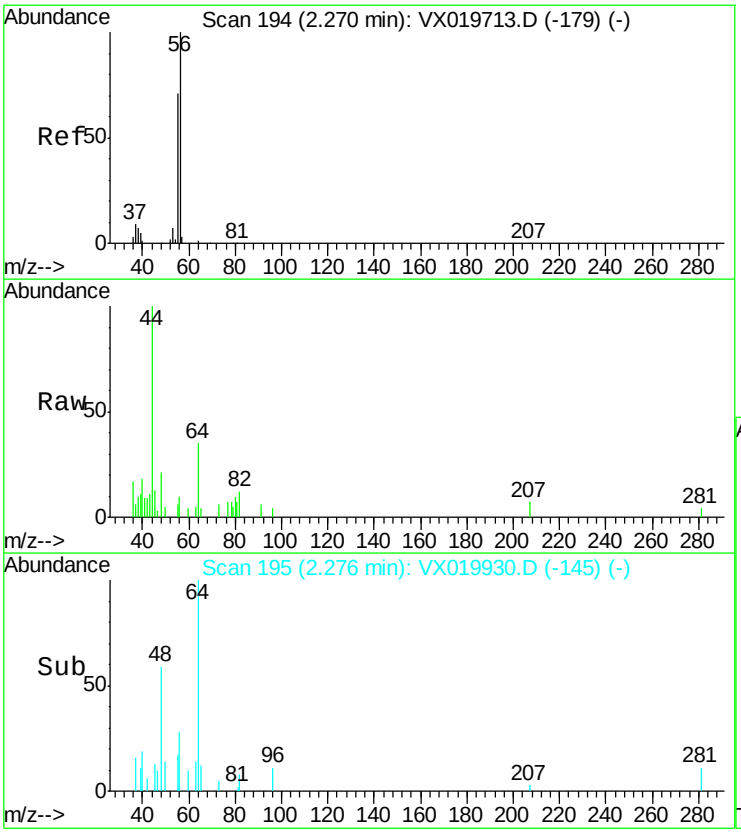
#11
Tert butyl alcohol
Concen: 2.877 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 59 Resp: 4623

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

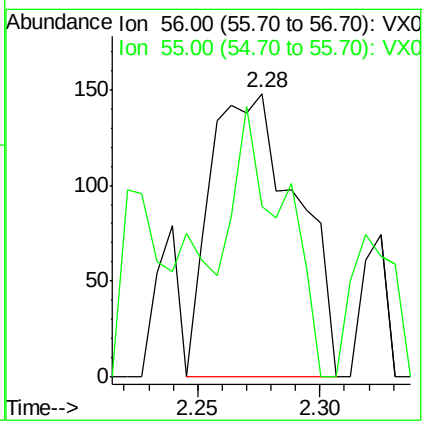


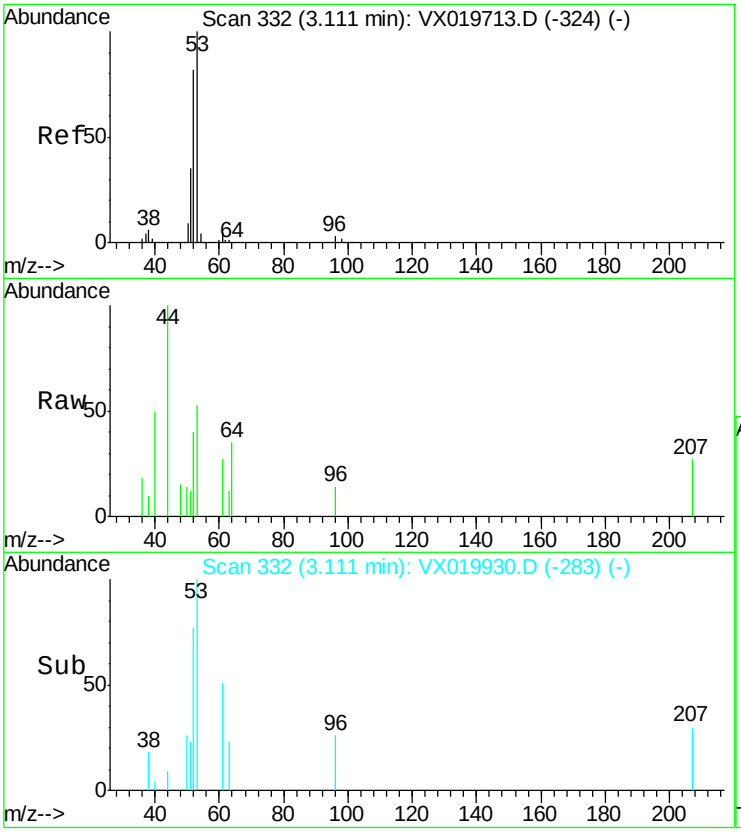


#13
Acrolein
Concen: 0.801 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 56 Resp: 364

Ion	Ratio	Lower	Upper
56	100		
55	55.8	56.4	84.6#



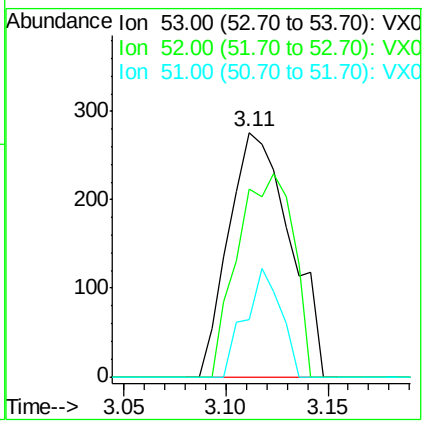


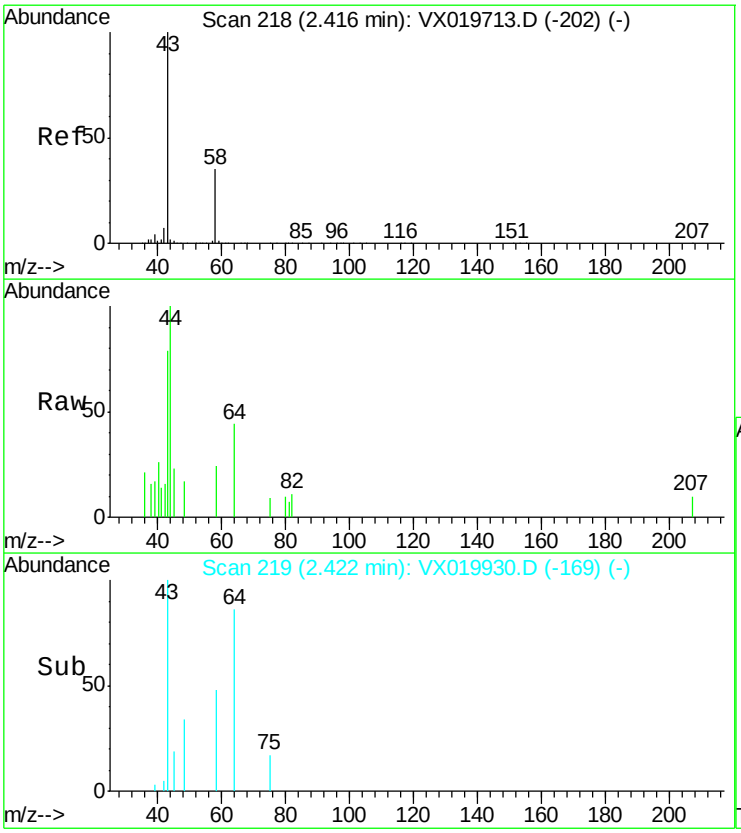
#15
Acrylonitrile
Concen: 0.309 ug/l
RT: 3.11 min Scan# 332
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 53 Resp: 575

Ion	Ratio	Lower	Upper
53	100		
52	75.7	65.3	97.9
51	25.7	28.2	42.2#

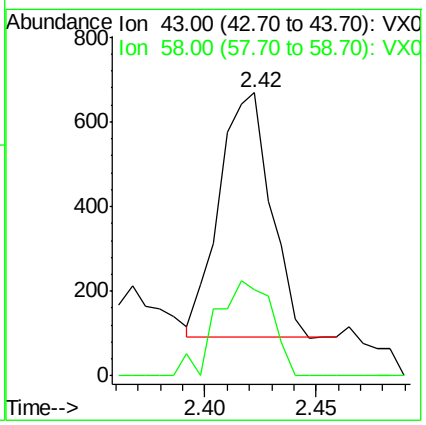


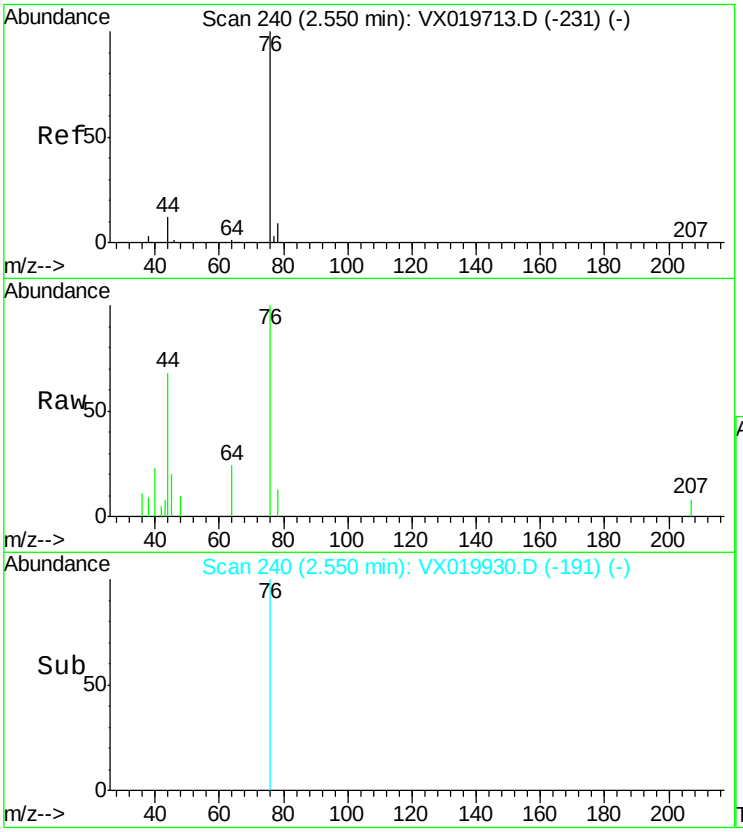


#16
Acetone
Concen: 0.598 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 43 Resp: 926

Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.8	41.8



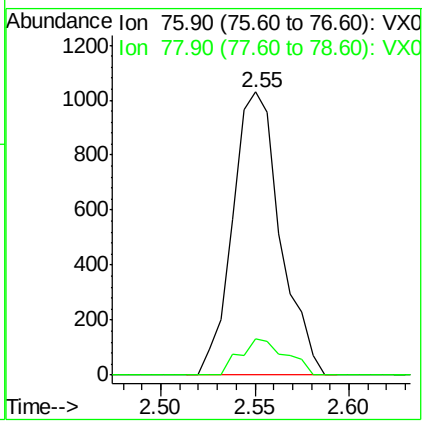


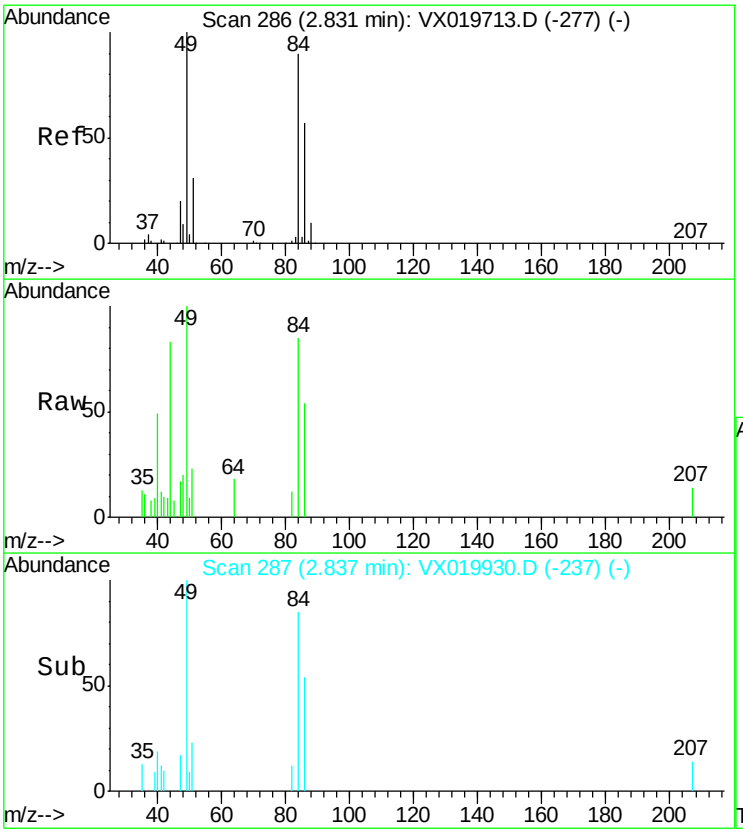
#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 76 Resp: 1798

Ion	Ratio	Lower	Upper
76	100		
78	12.9	7.2	10.8#

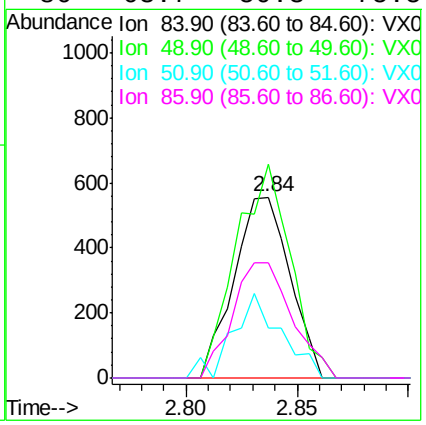


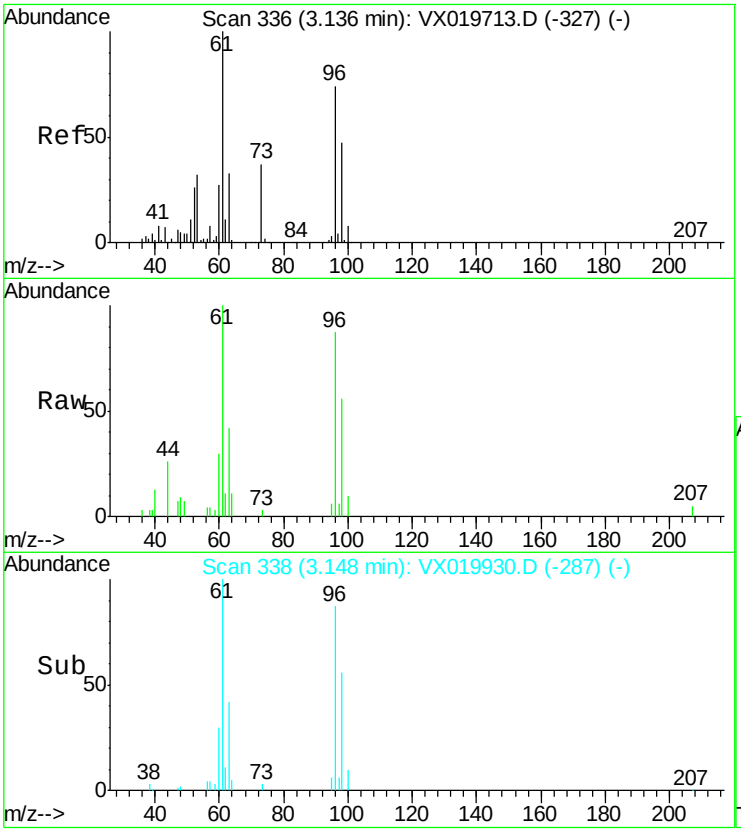


#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 84 Resp: 973

Ion	Ratio	Lower	Upper
84	100		
49	118.2	88.6	132.8
51	27.7	27.0	40.6
86	63.7	50.3	75.5



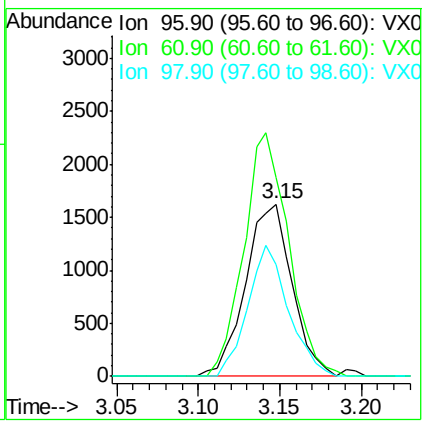


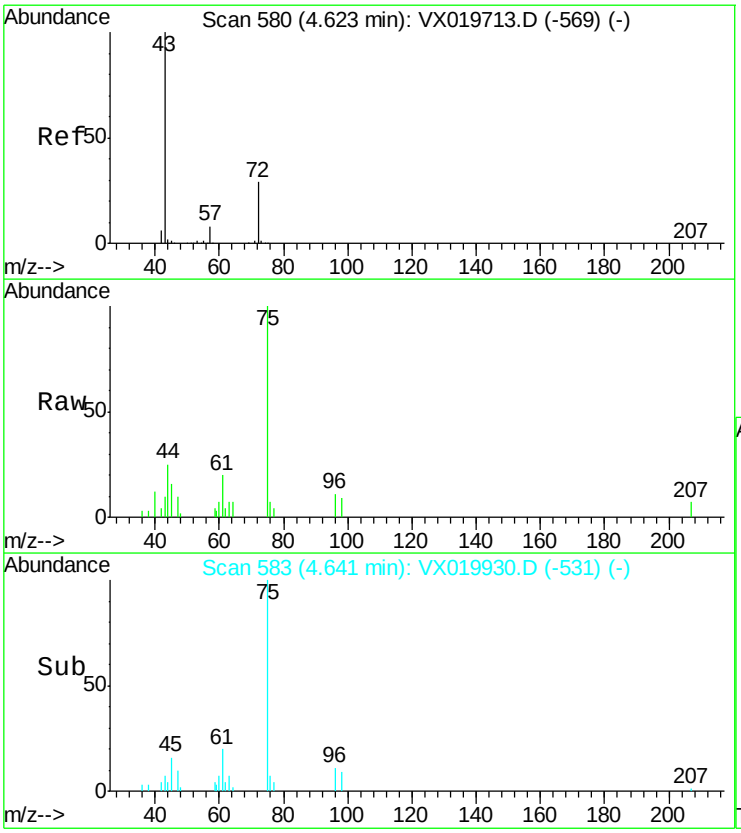
#21
trans-1,2-Dichloroethene
Concen: 0.960 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 96 Resp: 3215

Ion	Ratio	Lower	Upper
96	100		
61	115.5	107.7	161.5
98	65.0	50.4	75.6

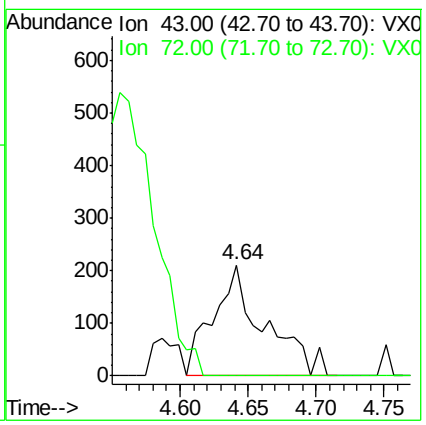


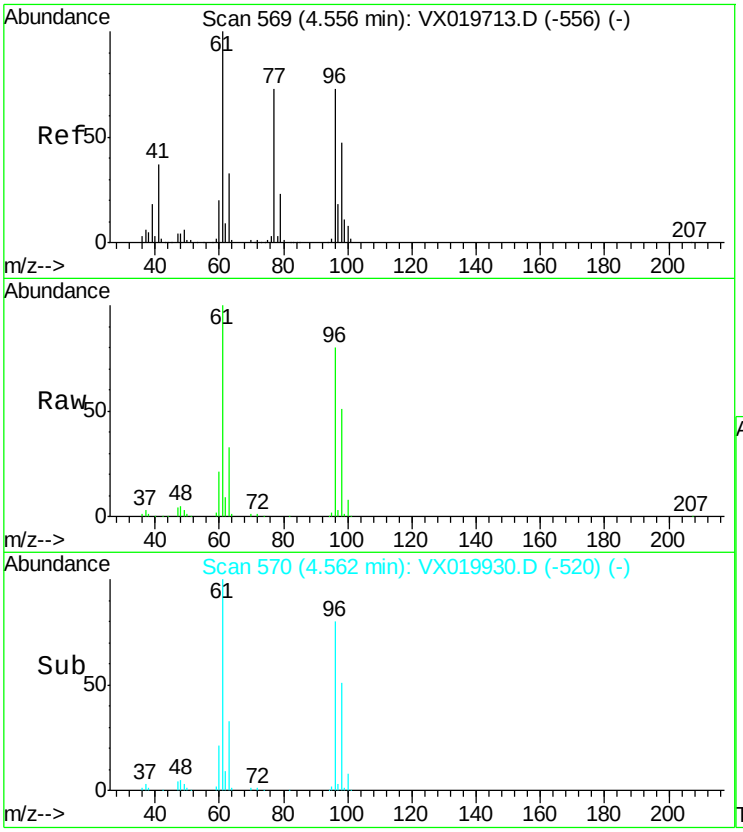


#25
2-Butanone
Concen: 0.233 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 43 Resp: 555

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



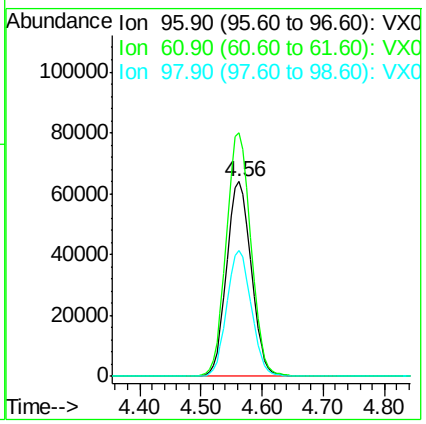


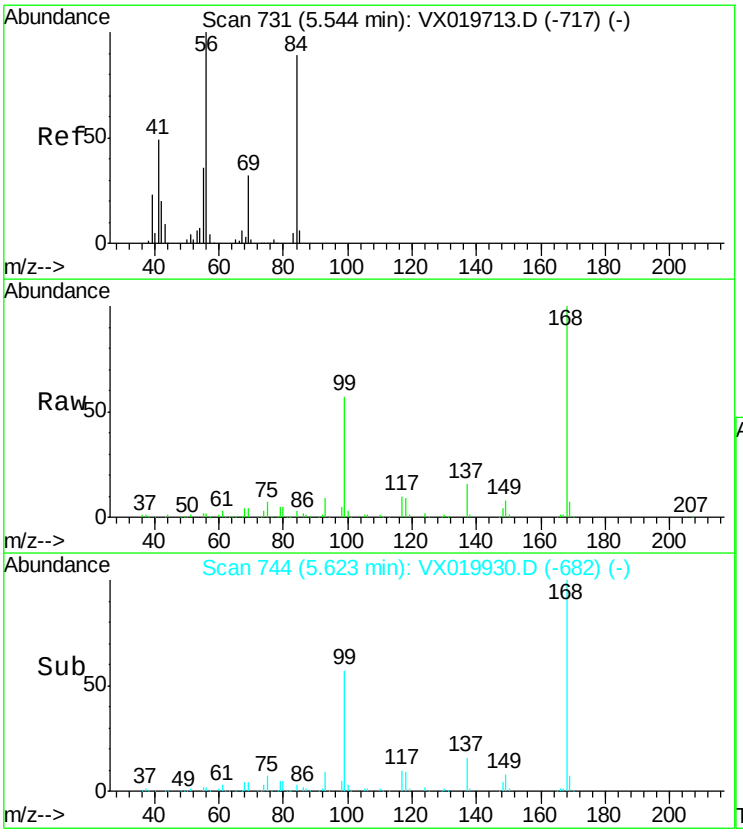
#27
cis-1,2-Dichloroethene
Concen: 45.206 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 96 Resp: 177086

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	285.6
98	64.1	0.0	129.6

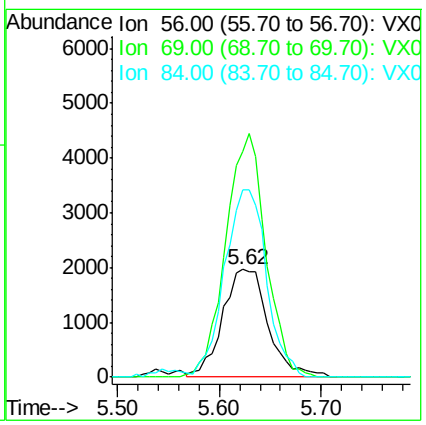


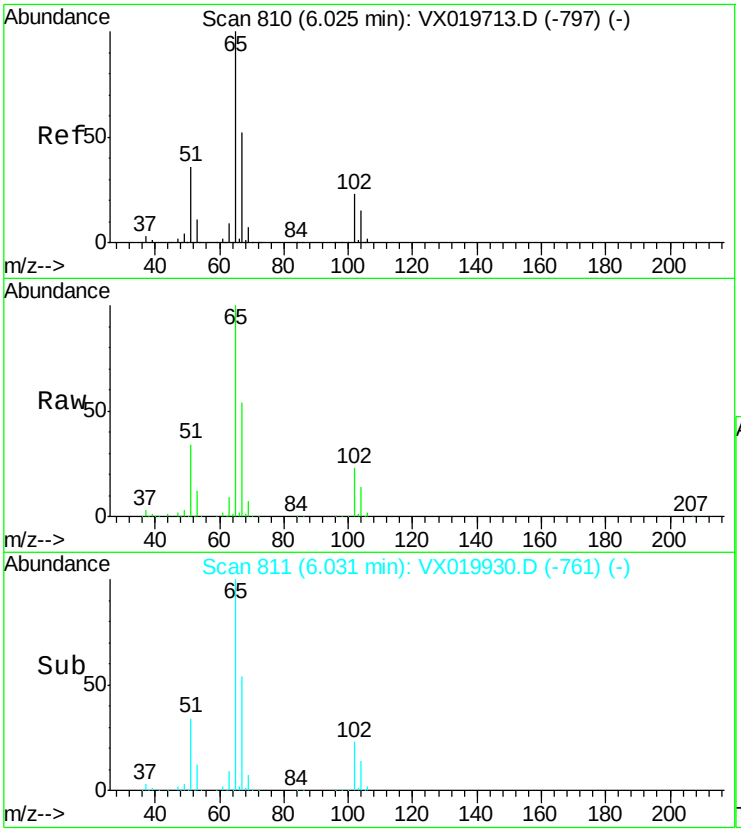


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 56 Resp: 6097

Ion	Ratio	Lower	Upper
56	100		
69	209.9	25.3	37.9#
84	173.9	71.4	107.0#



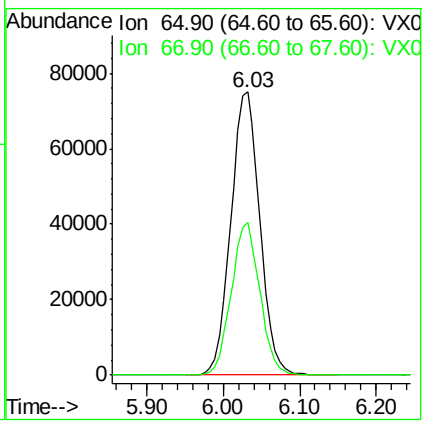


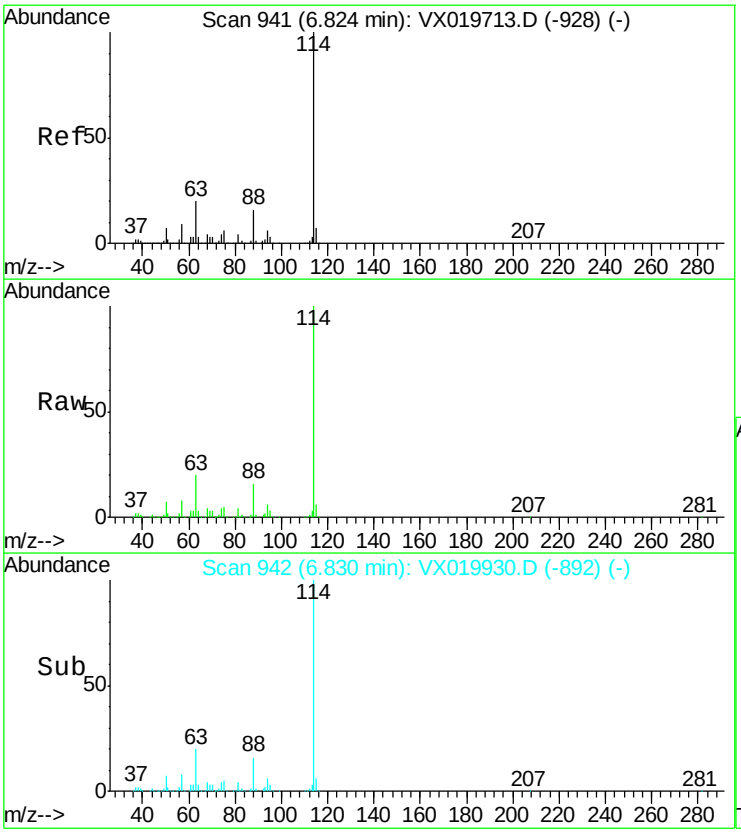
#33
1,2-Dichloroethane-d4
Concen: 47.830 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 65 Resp: 196995

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

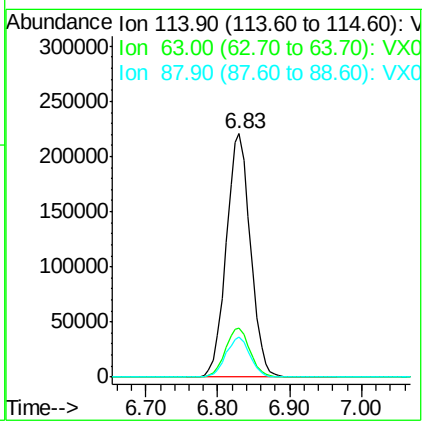


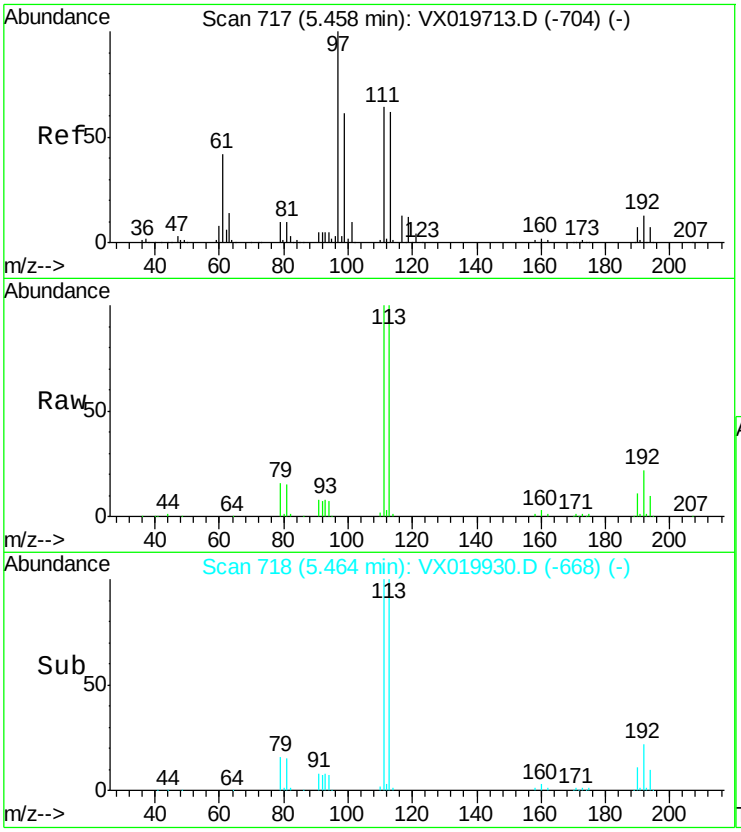


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion:114 Resp: 514512

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.3	0.0	32.8



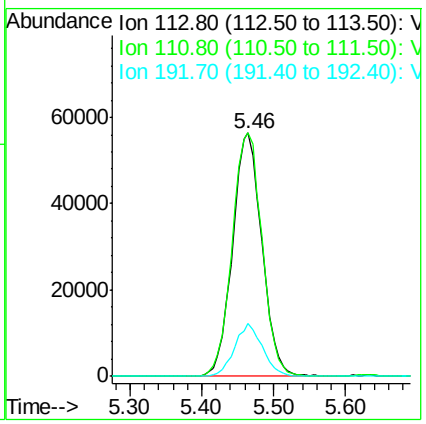


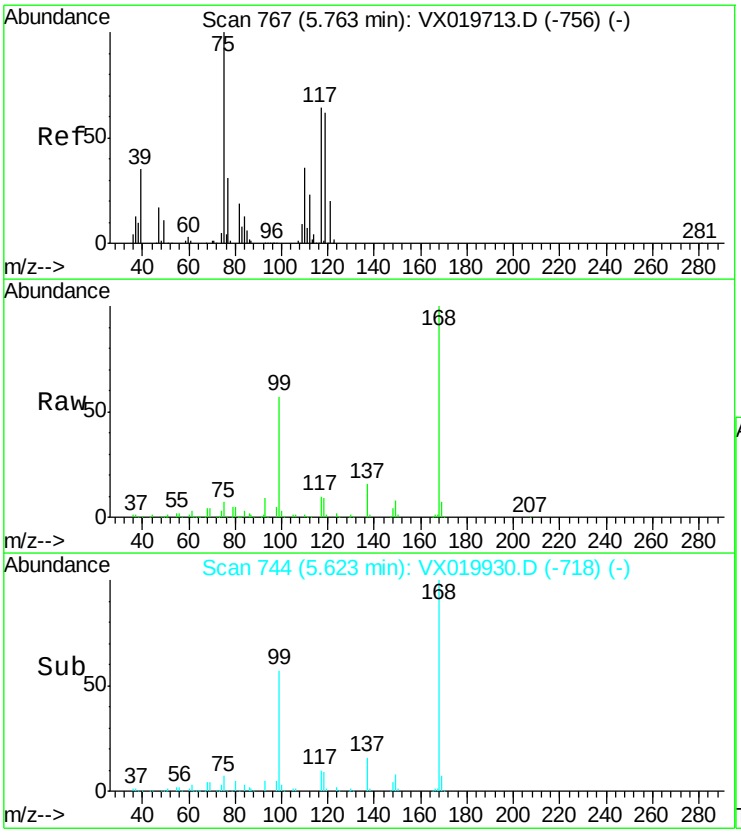
#35
Dibromofluoromethane
Concen: 47.891 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion:113 Resp: 159247

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	20.6	16.7	25.1

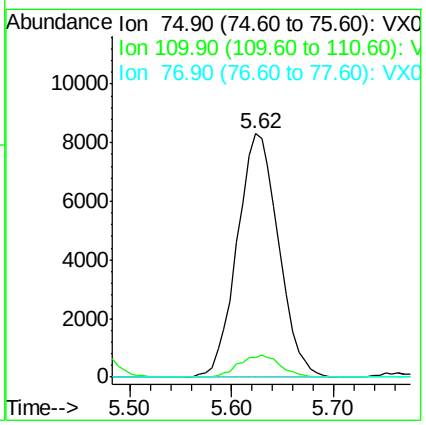


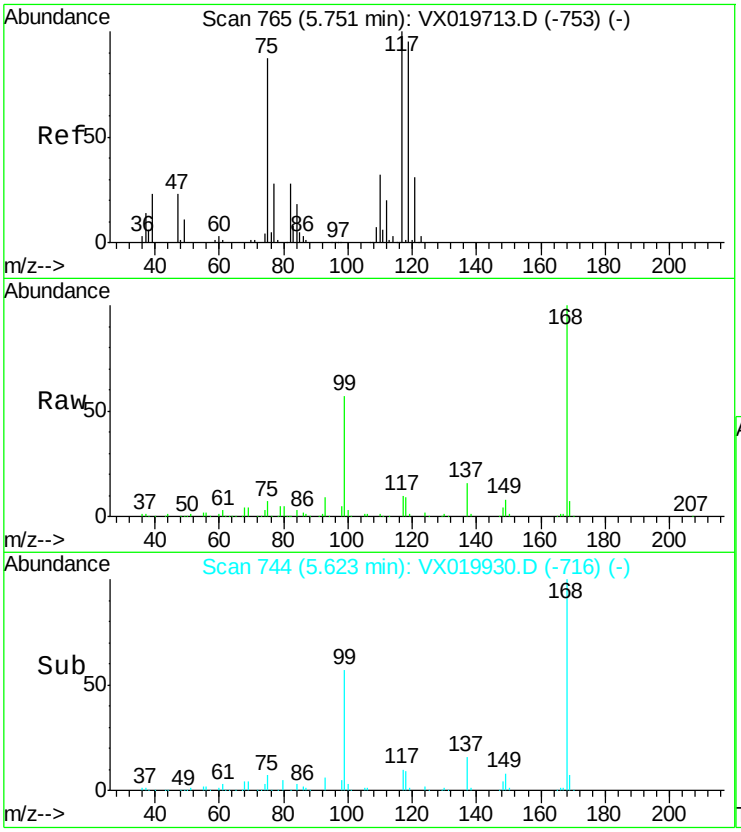


#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 75 Resp: 23399

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	25.3	37.9#



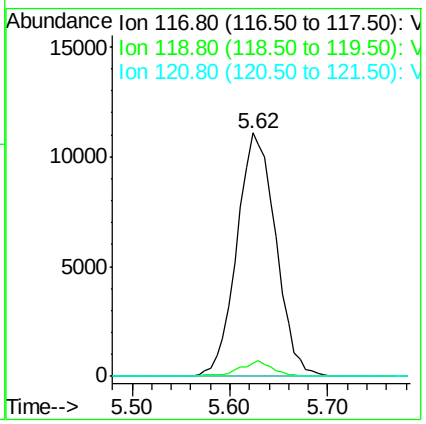


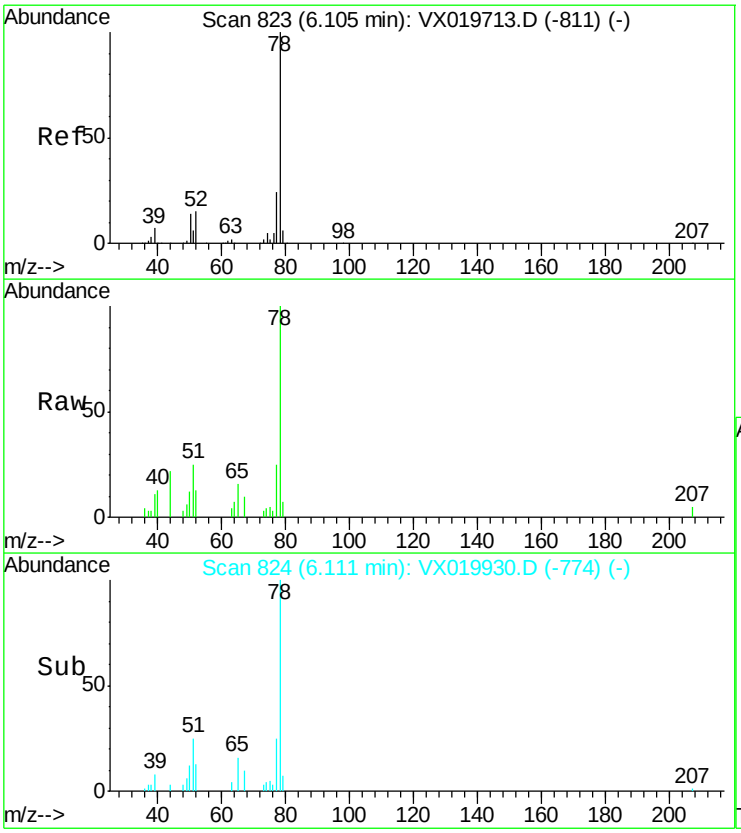
#38
Carbon Tetrachloride
Concen: 6.713 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion:117 Resp: 30563

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	24.8	37.2#

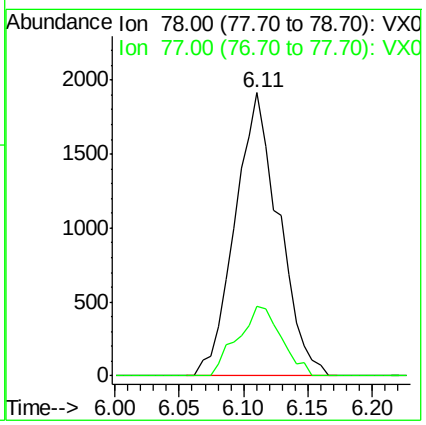


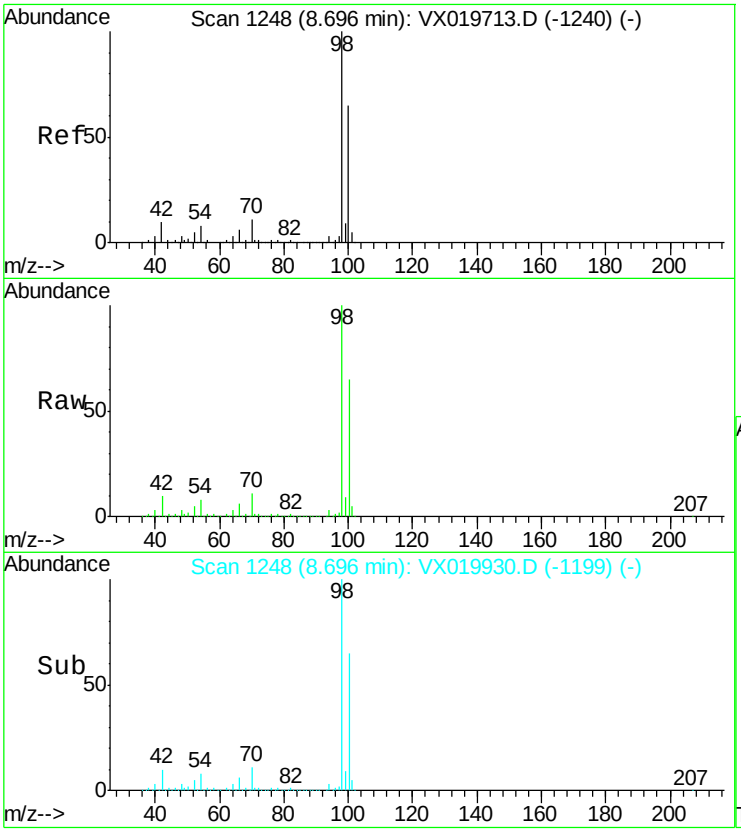


#40
Benzene
Concen: 0.319 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 78 Resp: 4530

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.9	28.3



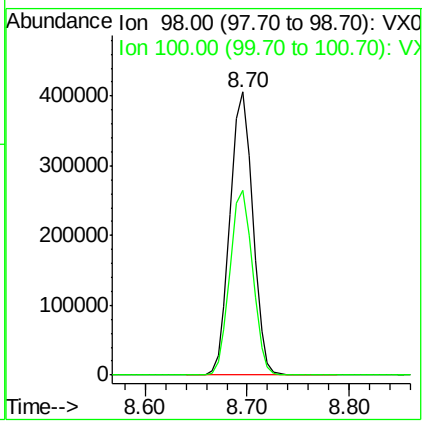


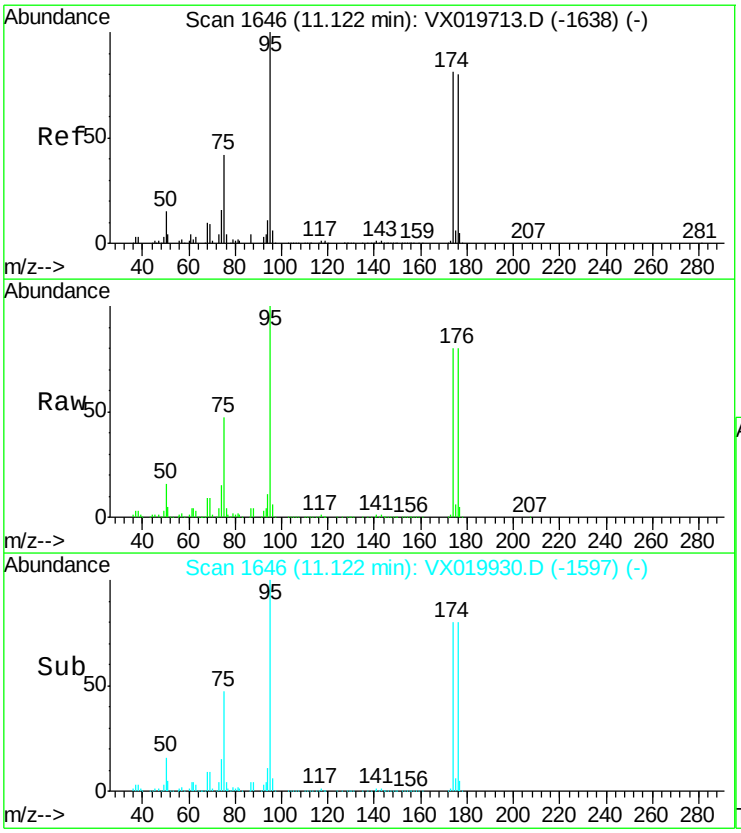
#50
Toluene-d8
Concen: 49.089 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 98 Resp: 623180

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9

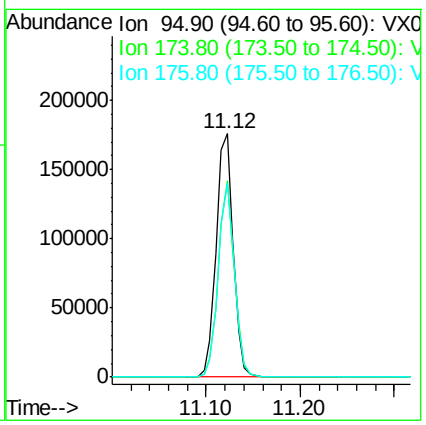


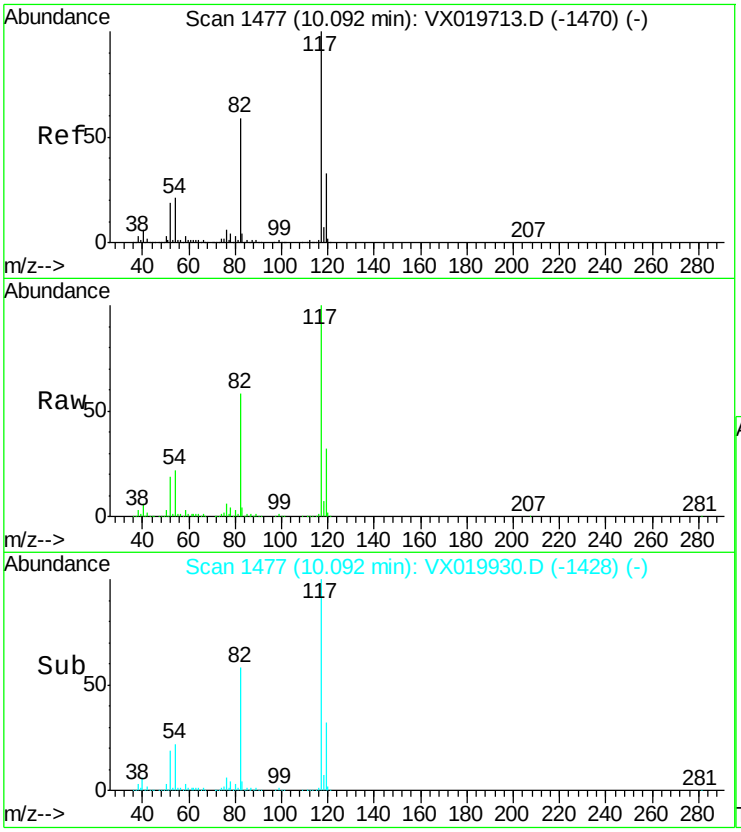


#62
4-Bromofluorobenzene
Concen: 45.780 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 95 Resp: 221199

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	154.6
176	75.9	0.0	155.8



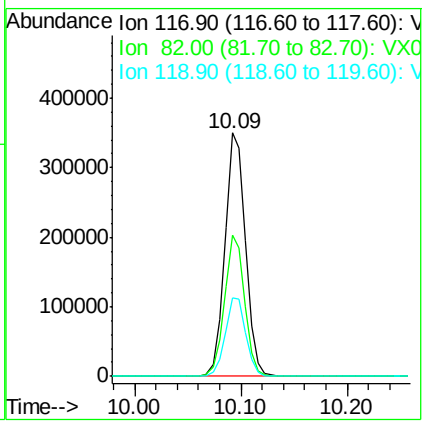


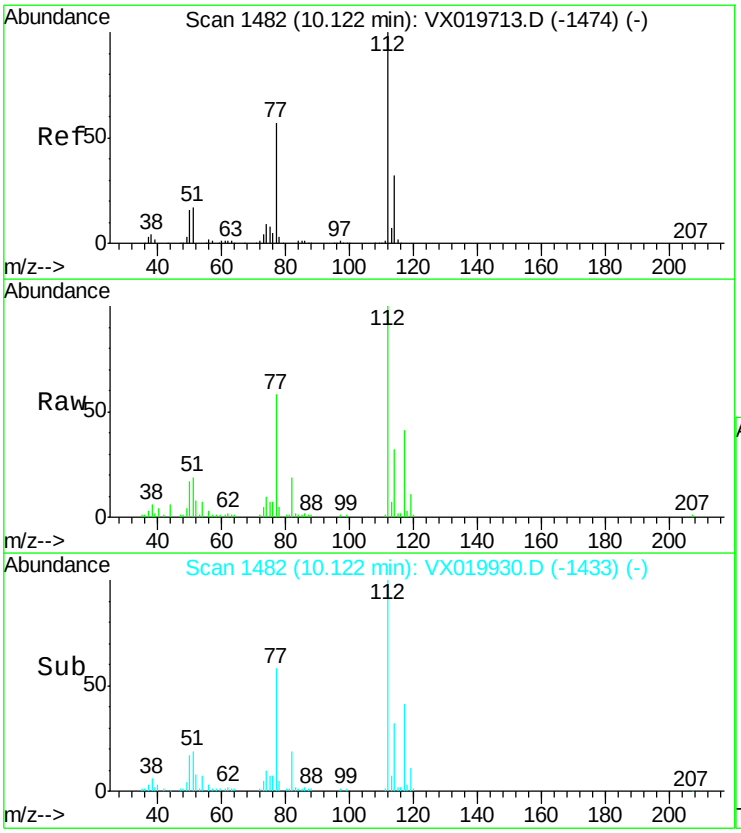
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument : MSVOA_X
ClientSampleId : TU032-32-570-120920DL

Tgt Ion:117 Resp: 472144

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	32.1	26.6	39.8

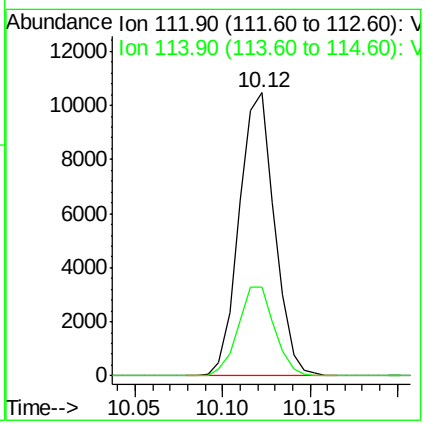


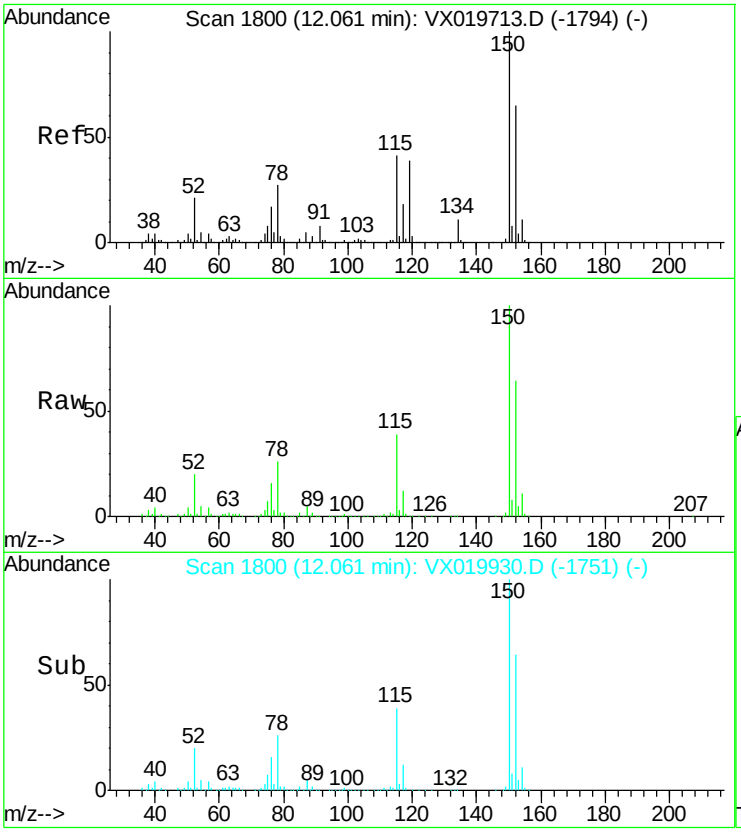


#65
Chlorobenzene
Concen: 1.563 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion:112 Resp: 14704

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.8	38.6



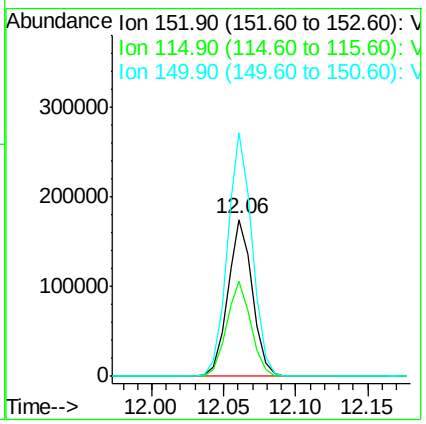


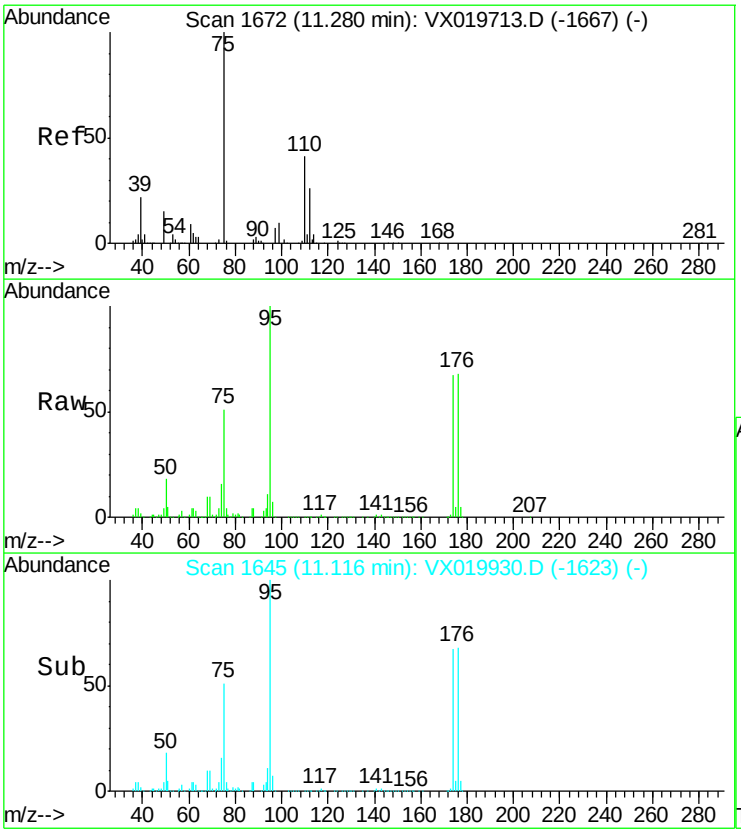
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion:152 Resp: 208576

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	156.2	0.0	349.0

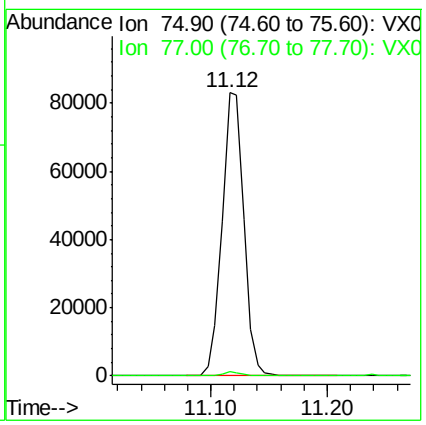


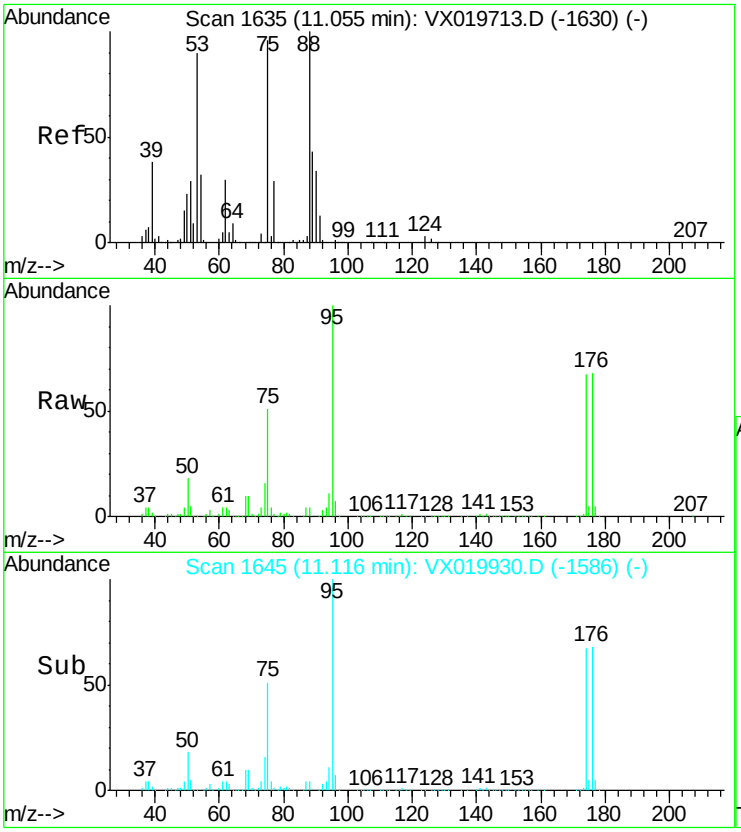


#76
1,2,3-Trichloropropane
Concen: 22.956 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion: 75 Resp: 107389

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#



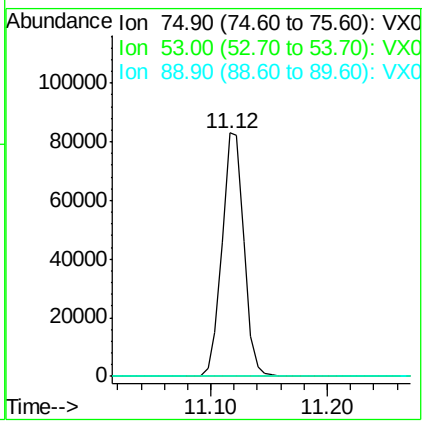


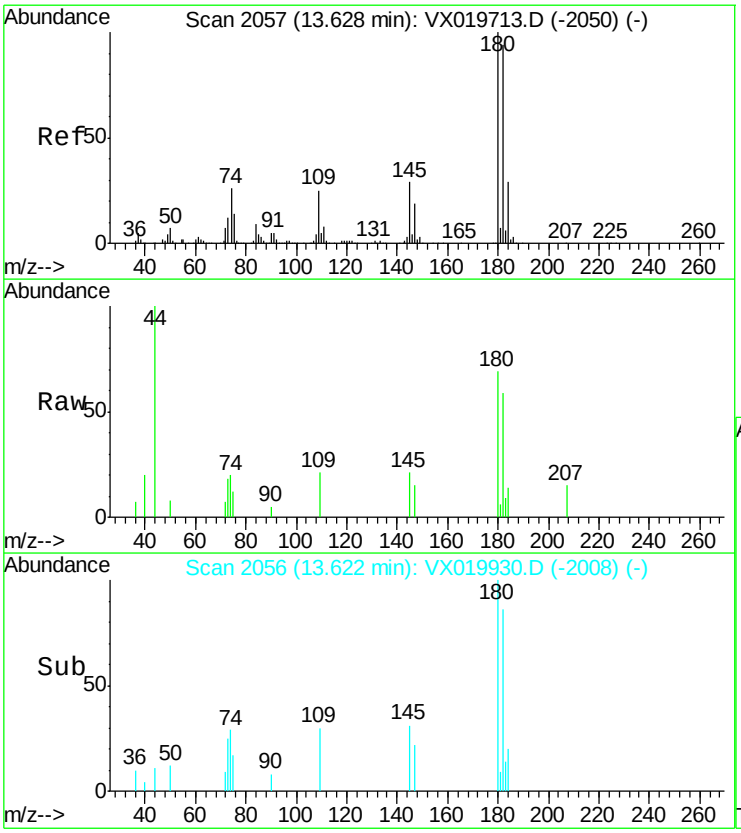
#81
trans-1,4-Dichloro-2-butene
Concen: 66.362 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion: 75 Resp: 107389

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

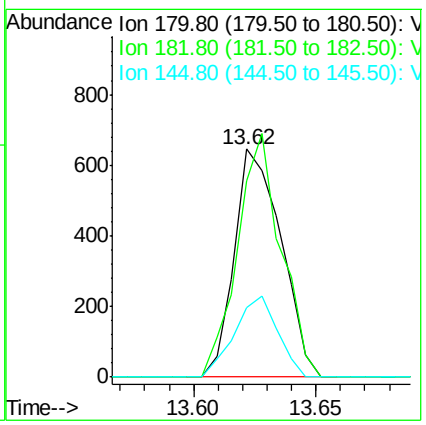


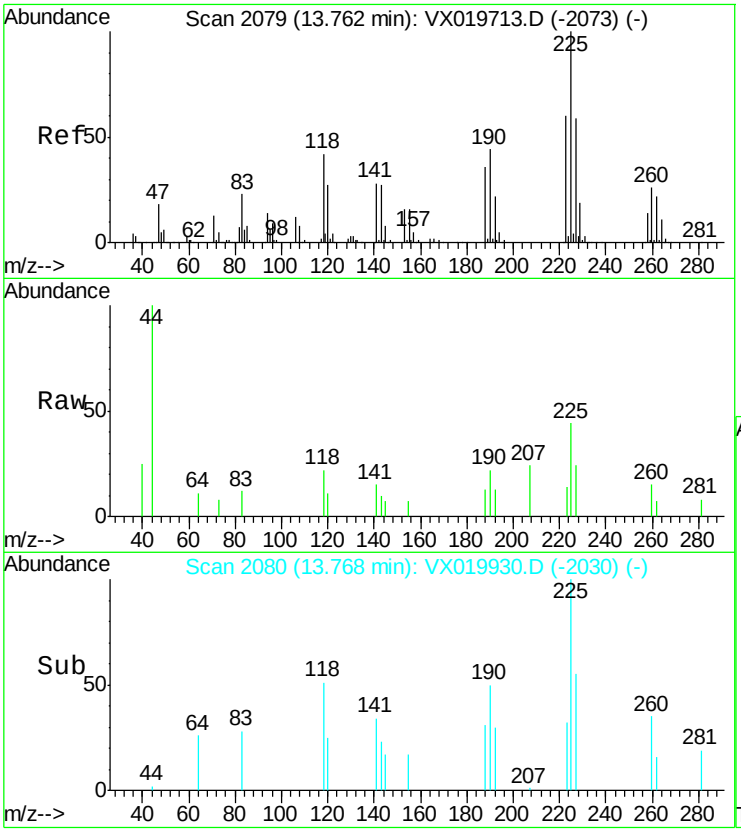


#93
1,2,4-Trichlorobenzene
Concen: 0.202 ug/l
RT: 13.62 min Scan# 2056
Delta R.T. -0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Tgt Ion:180 Resp: 859

Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.7	143.1
145	32.8	15.0	45.0





#94
Hexachlorobutadiene
Concen: 0.244 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019930.D
Acq: 12 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-570-120920DL

Tgt Ion:225 Resp: 464

Ion	Ratio	Lower	Upper
225	100		
223	49.8	31.1	93.2
227	53.7	31.6	95.0