Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019908.D
Acq On : 12 Dec 2020 05:24
Operator : JC/MD
Sample : L5025-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-TB-120920

Quant Time: Dec 12 06:55:22 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	329489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	540977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	490873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	206549	47.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.40%			
35) Dibromofluoromethane	5.46	113	166638	47.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.32%			
50) Toluene-d8	8.70	98	658539	49.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.68%			
62) 4-Bromofluorobenzene	11.12	95	228555	44.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.98%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	589	0.474	ug/l	88
10) Methyl Iodide	2.49	142	2004	0.455	ug/l #	96
11) Tert butyl alcohol	2.98	59	2718	0.444	ug/l #	73
13) Acrolein	2.27	56	339	0.709	ug/l #	51
15) Acrylonitrile	3.12	53	591	0.302	ug/l	94
16) Acetone	2.42	43	1307	0.803	ug/l	98
17) Carbon Disulfide	2.55	76	2015	0.233	ug/l #	87
20) Methylene Chloride	2.83	84	914	Below Cal	#	86
31) Cyclohexane	5.62	56	6611	1.227	ug/l #	4
36) 1,1-Dichloropropene	5.62	75	24497	5.011	ug/l #	49
38) Carbon Tetrachloride	5.63	117	32541	6.798	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	111258	23.520	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	111258	67.993	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.63	180	1050	0.244	ug/l	97
94) Hexachlorobutadiene	13.76	225	447	0.233	ug/l	89
96) 1,2,3-Trichlorobenzene	14.00	180	925	0.220	ug/l	96

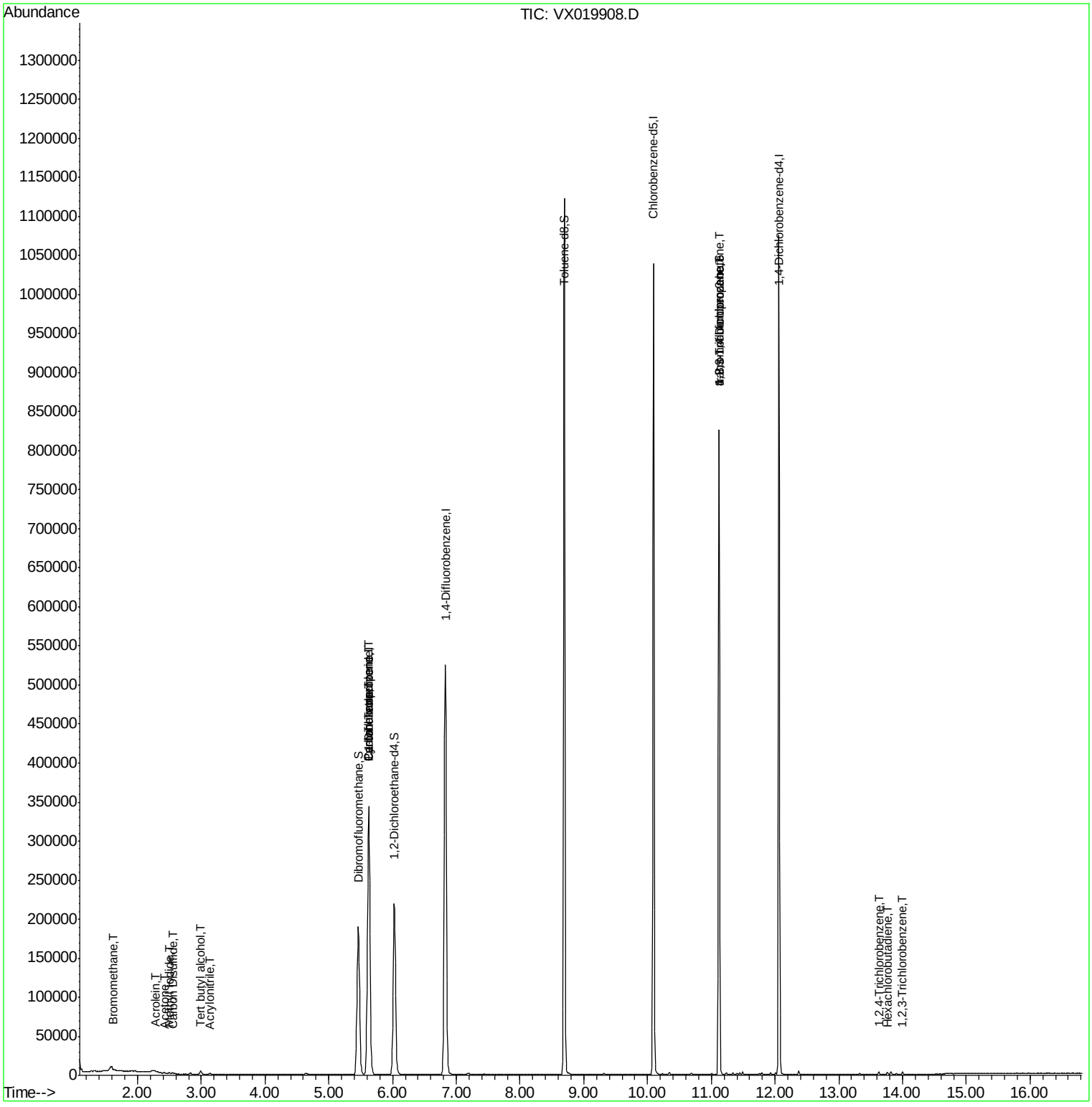
(#) = qualifier out of range (m) = manual integration (+) = signals summed

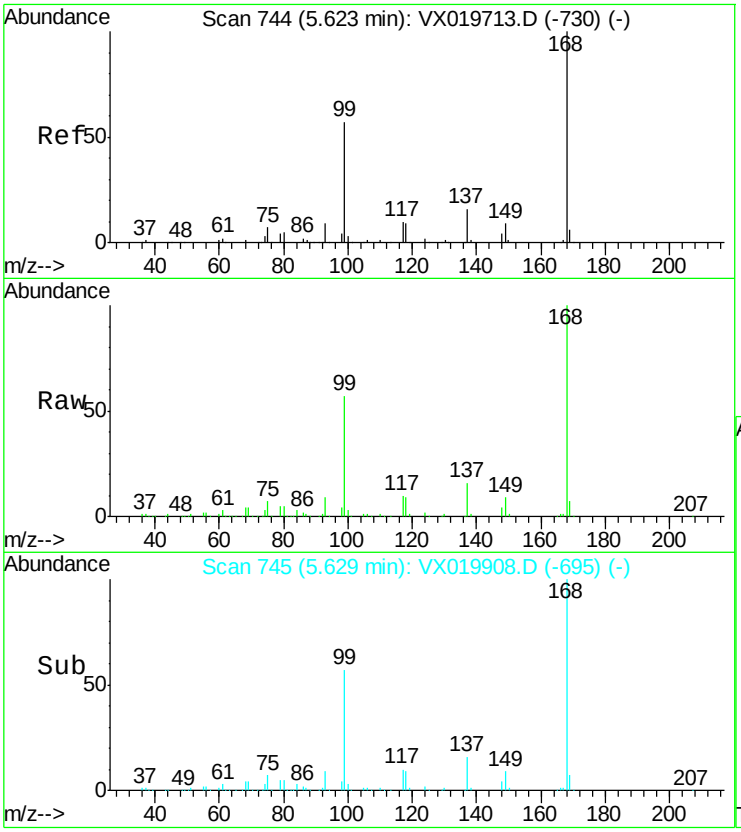
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
Data File : VX019908.D
Acq On : 12 Dec 2020 05:24
Operator : JC/MD
Sample : L5025-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Quant Time: Dec 12 06:55:22 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



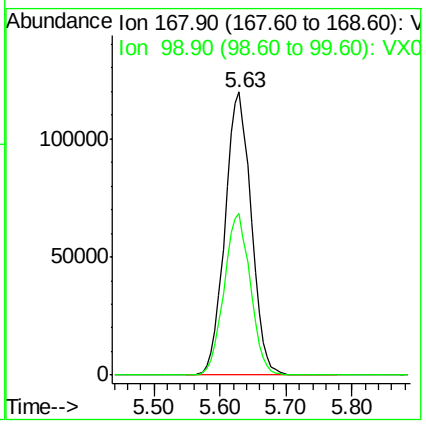


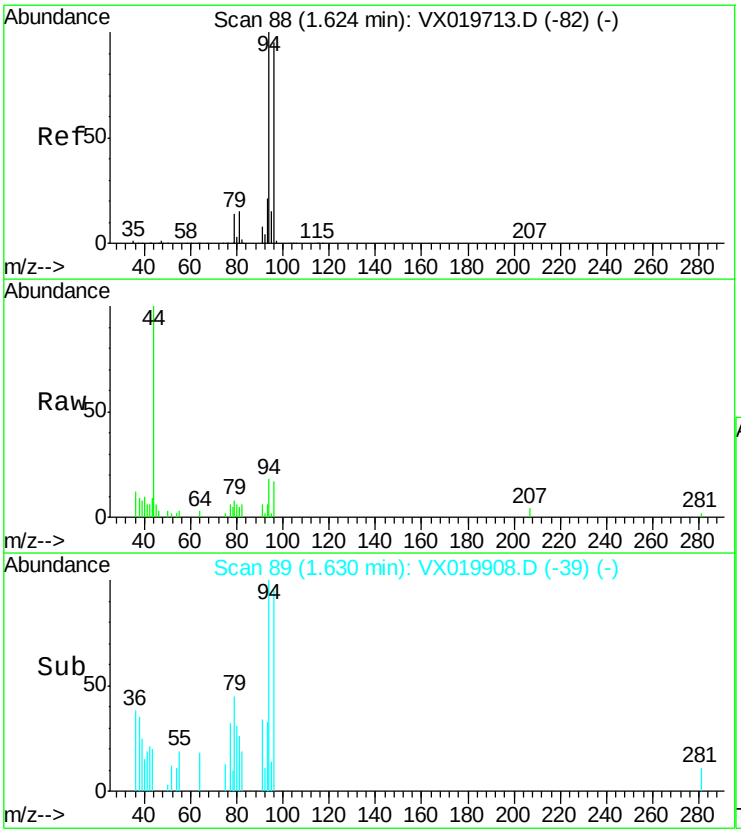
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion:168 Resp: 329489

Ion	Ratio	Lower	Upper
168	100		
99	57.0	45.8	68.6

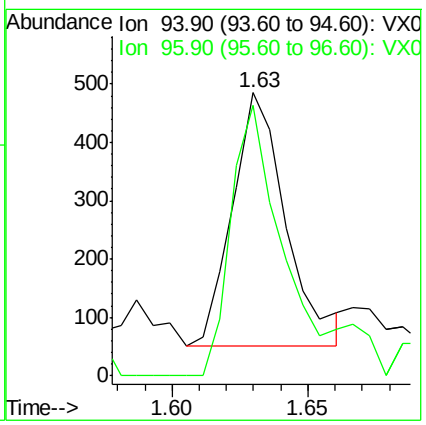


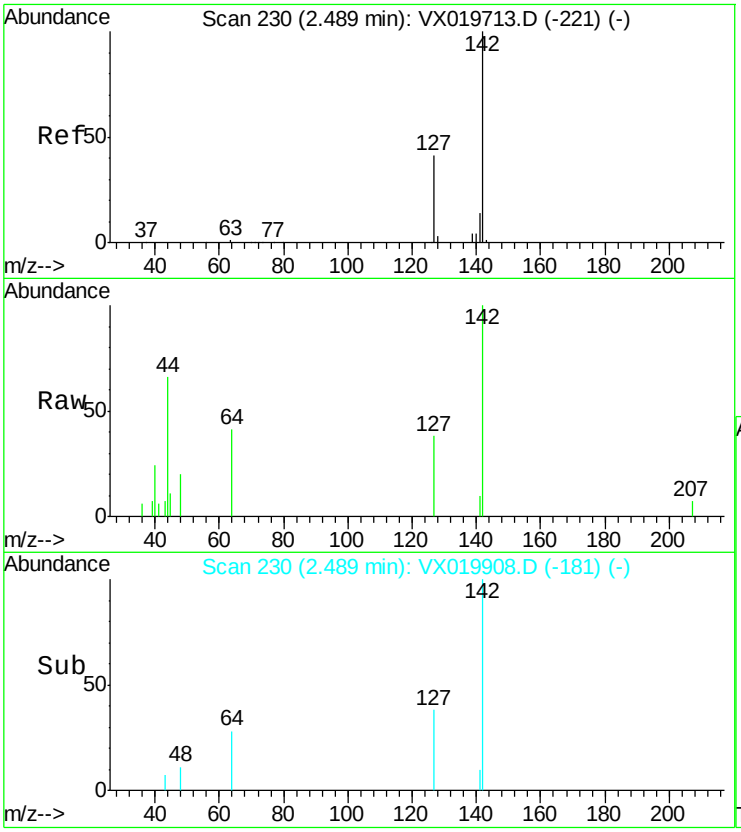


#5
Bromomethane
Concen: 0.474 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 94 Resp: 589

Ion	Ratio	Lower	Upper
94	100		
96	106.9	76.4	114.6



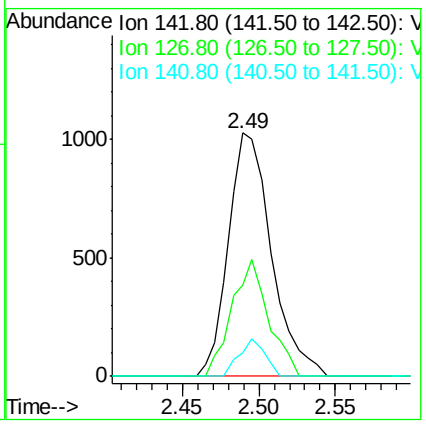


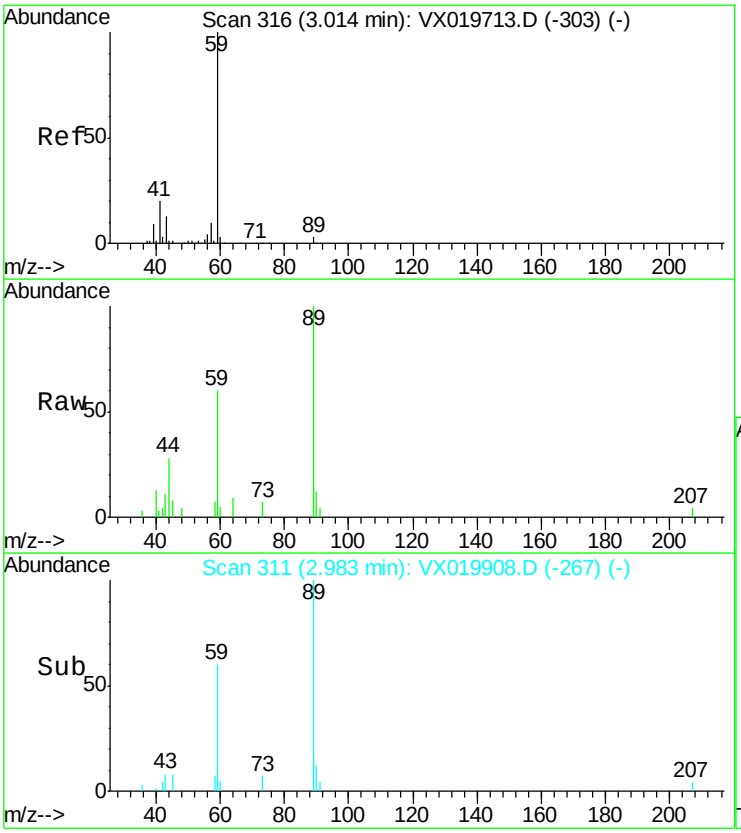
#10
Methyl Iodide
Concen: 0.455 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion:142 Resp: 2004

Ion	Ratio	Lower	Upper
142	100		
127	40.9	33.3	49.9
141	9.0	11.4	17.0#

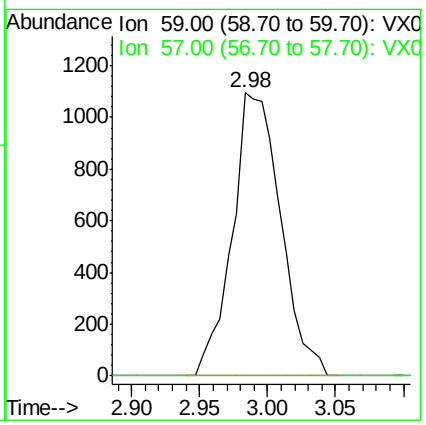


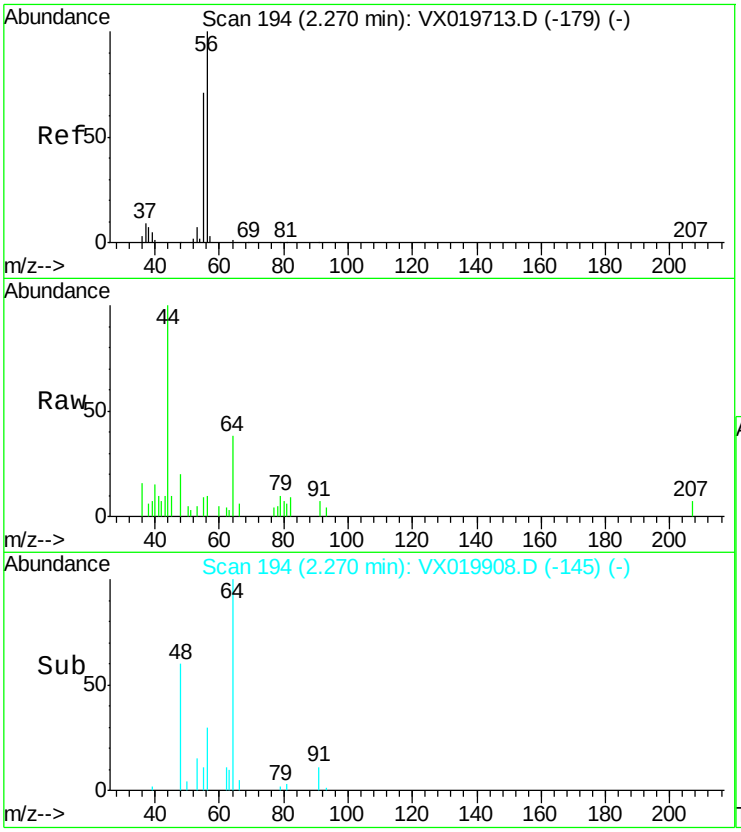


#11
Tert butyl alcohol
Concen: 0.444 ug/l
RT: 2.98 min Scan# 311
Delta R.T. -0.03 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 59 Resp: 2718

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



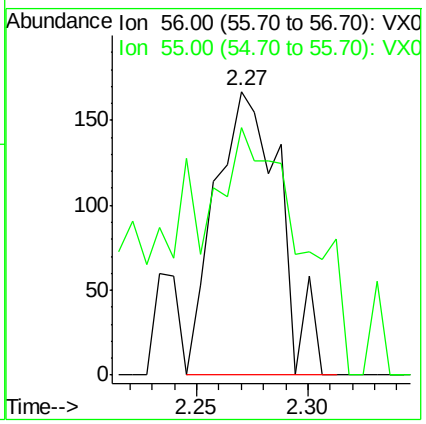


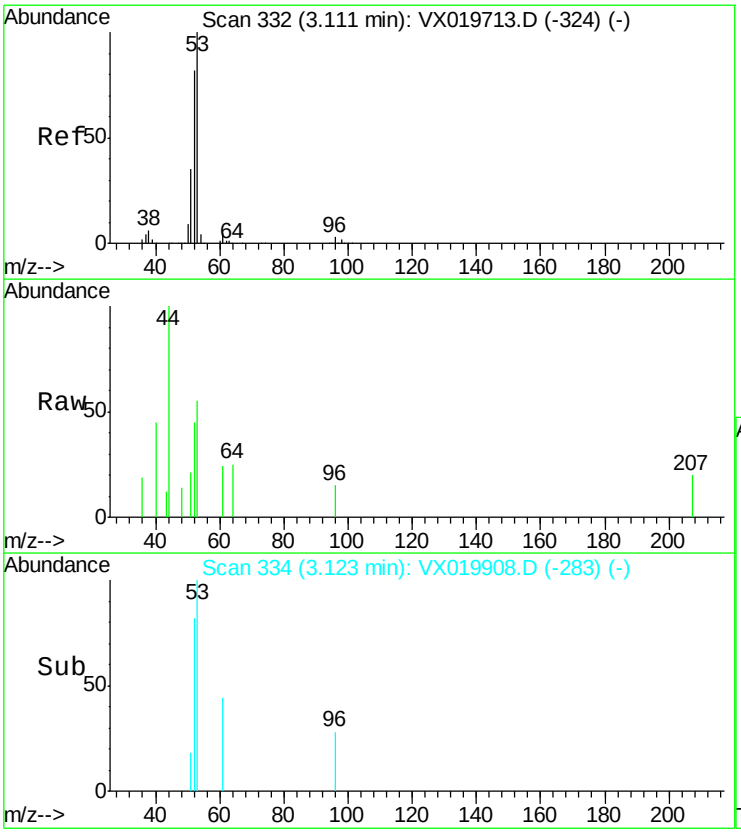
#13
Acrolein
Concen: 0.709 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion: 56 Resp: 339

Ion	Ratio	Lower	Upper
56	100		
55	111.2	56.4	84.6#

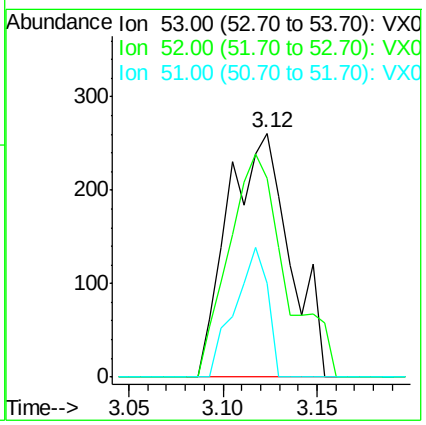


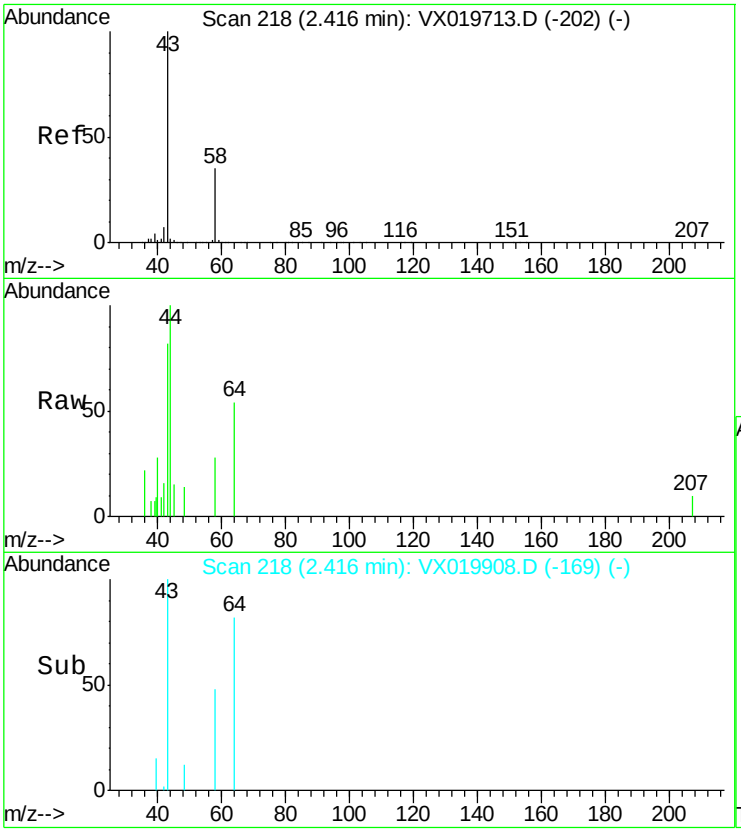


#15
Acrylonitrile
Concen: 0.302 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 53 Resp: 591

Ion	Ratio	Lower	Upper
53	100		
52	84.4	65.3	97.9
51	28.4	28.2	42.2



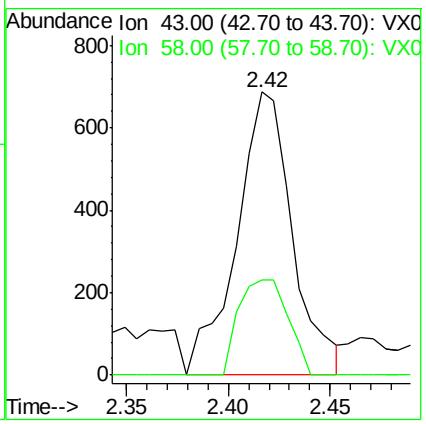


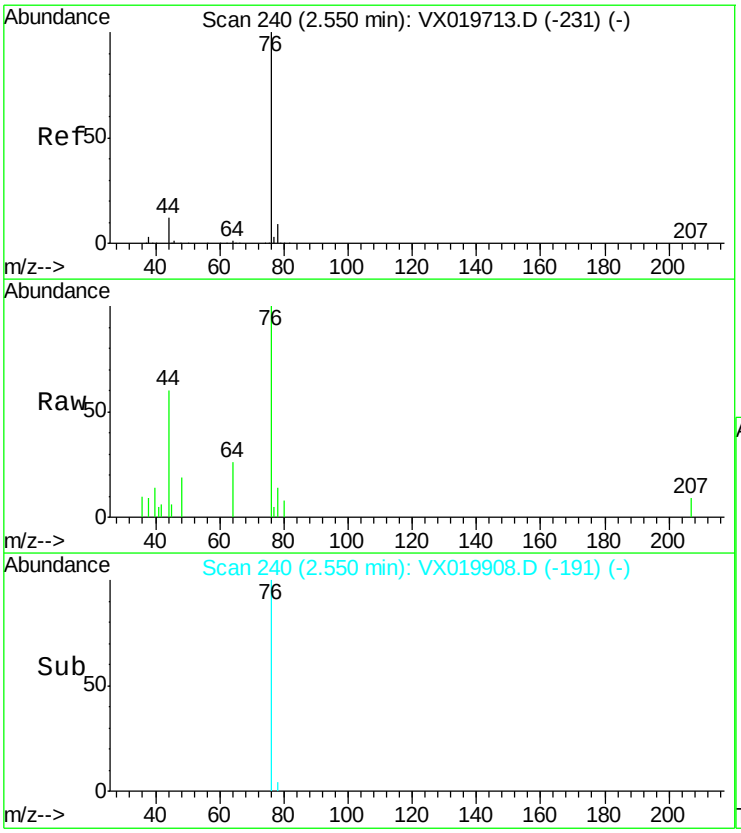
#16
Acetone
Concen: 0.803 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion: 43 Resp: 1307

Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.8	41.8

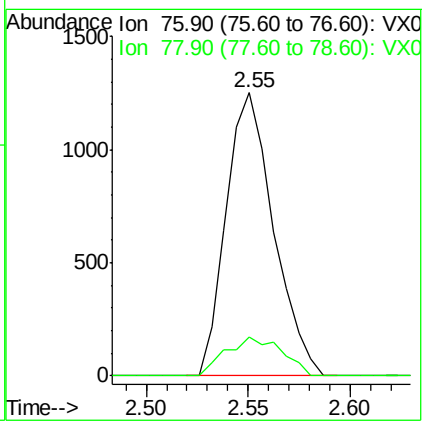


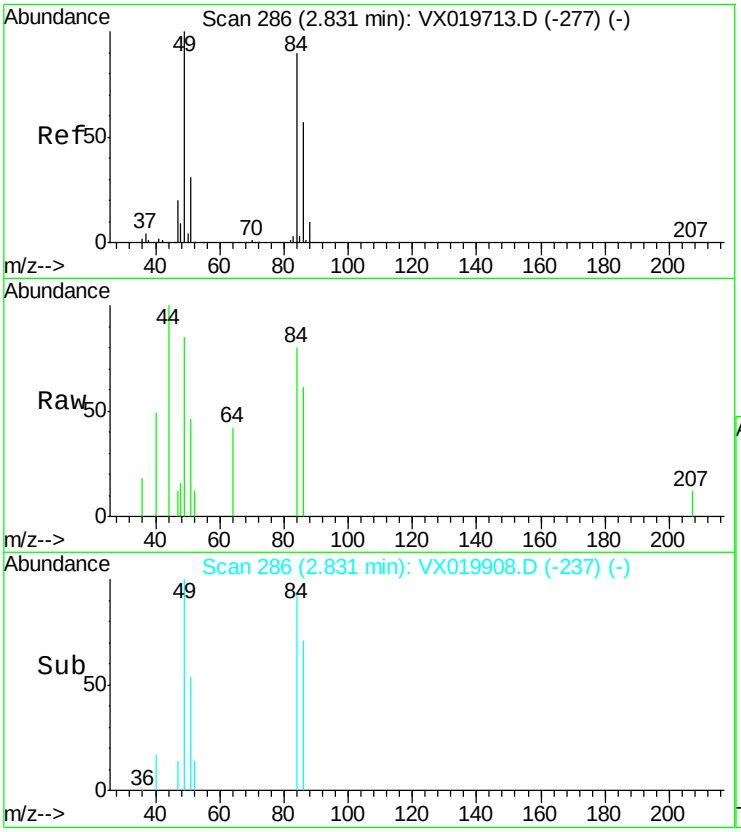


#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 76 Resp: 2015

Ion	Ratio	Lower	Upper
76	100		
78	13.7	7.2	10.8#



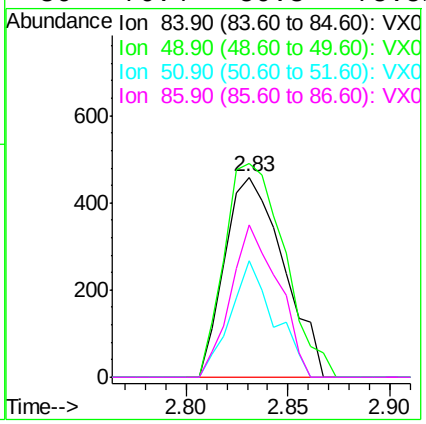


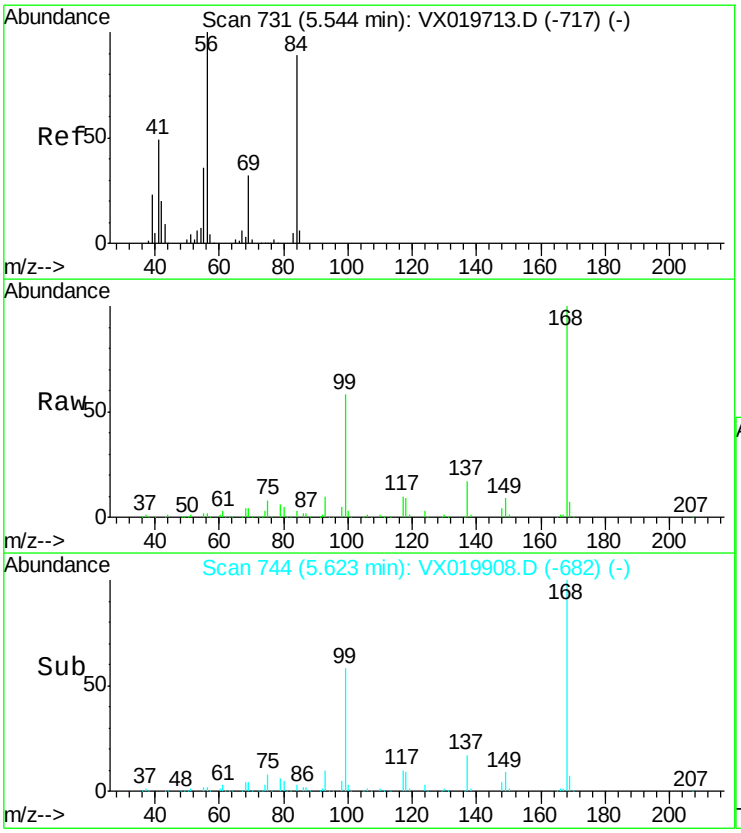
#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion: 84 Resp: 914

Ion	Ratio	Lower	Upper
84	100		
49	107.0	88.6	132.8
51	58.1	27.0	40.6#
86	76.4	50.3	75.5#

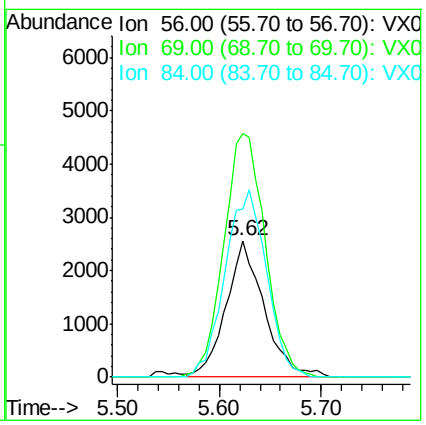


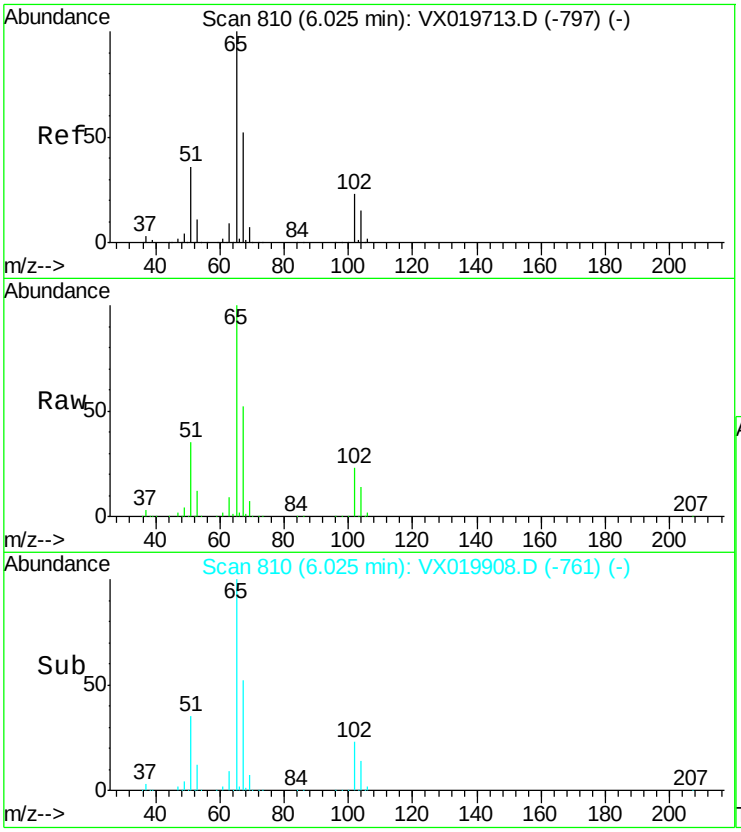


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 56 Resp: 6611

Ion	Ratio	Lower	Upper
56	100		
69	178.7	25.3	37.9#
84	123.3	71.4	107.0#



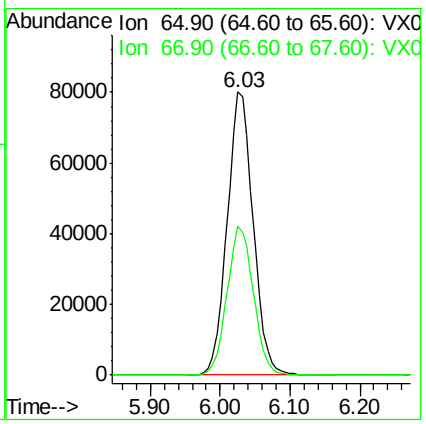


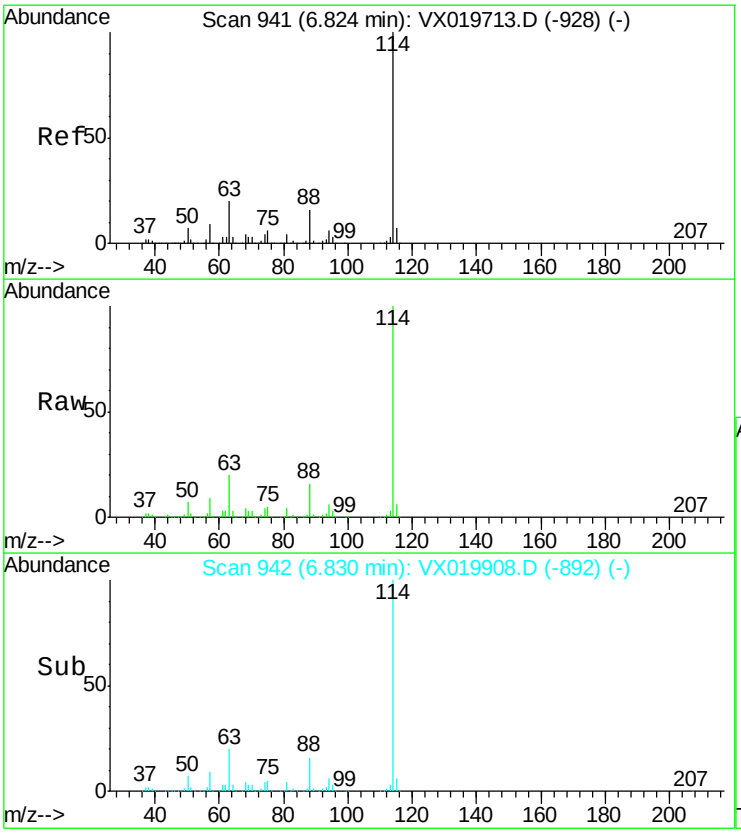
#33
1,2-Dichloroethane-d4
Concen: 47.697 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion: 65 Resp: 206549

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

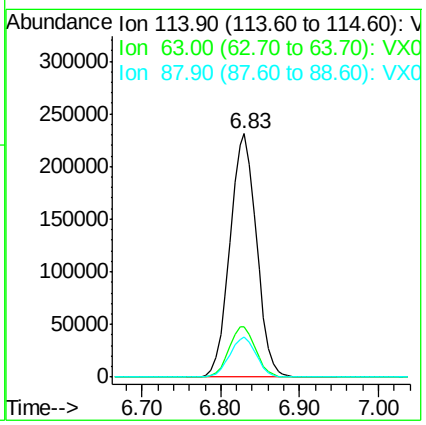


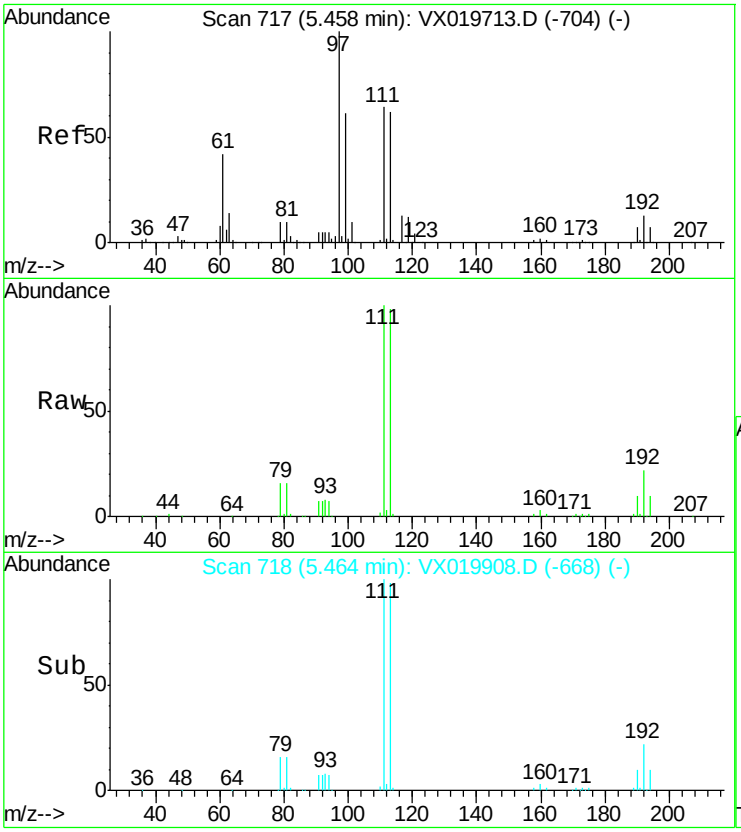


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion:114 Resp: 540977

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.4	0.0	32.8



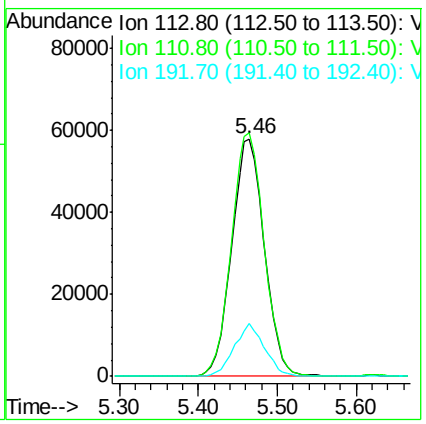


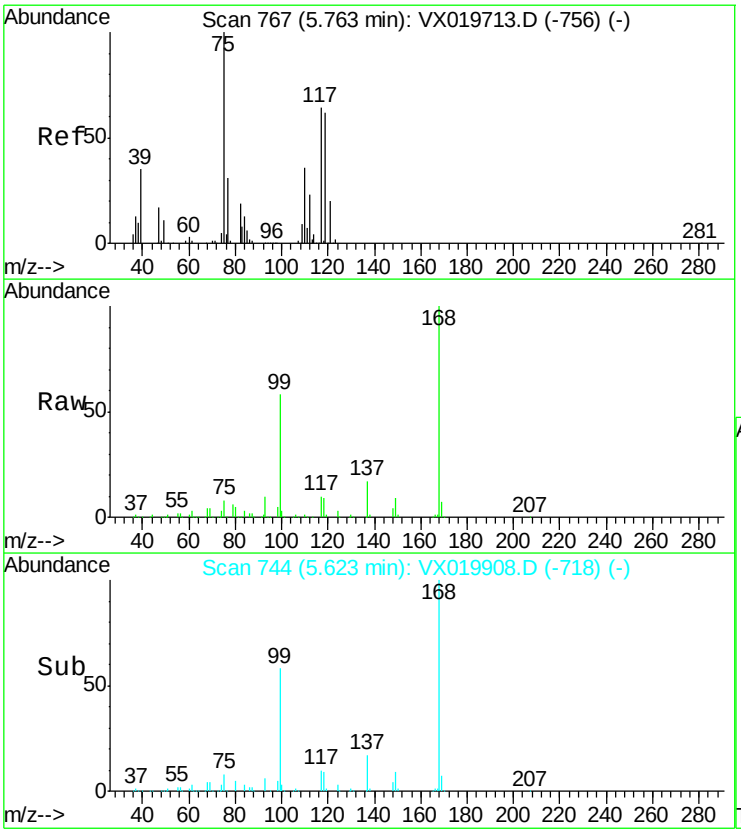
#35
Dibromofluoromethane
Concen: 47.662 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion:113 Resp: 166638

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	20.6	16.7	25.1

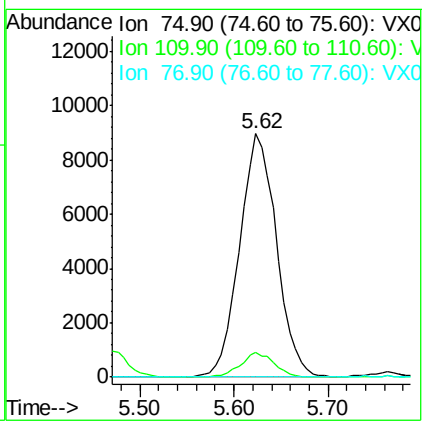


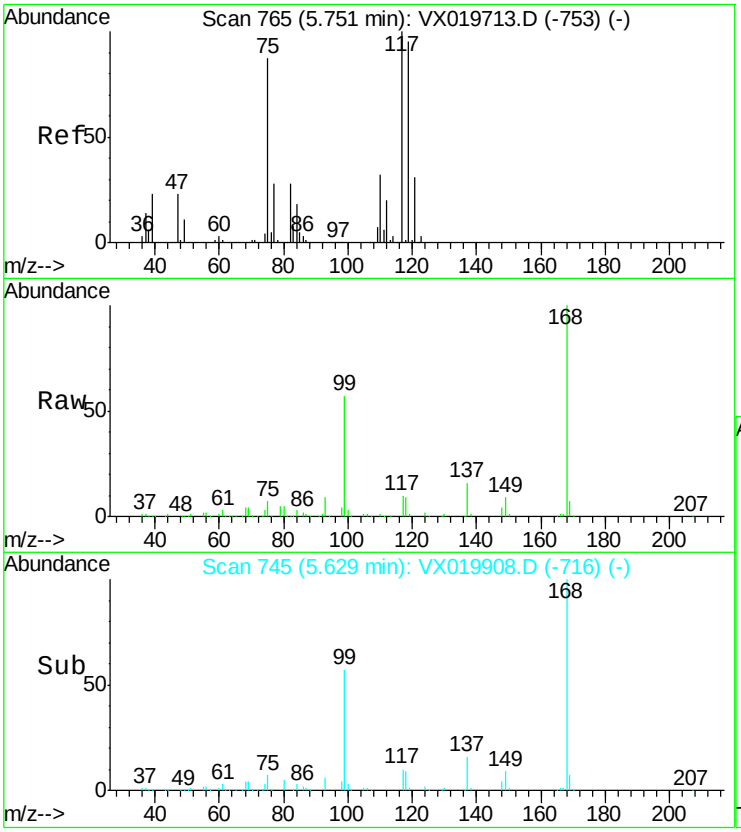


#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 75 Resp: 24497

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#



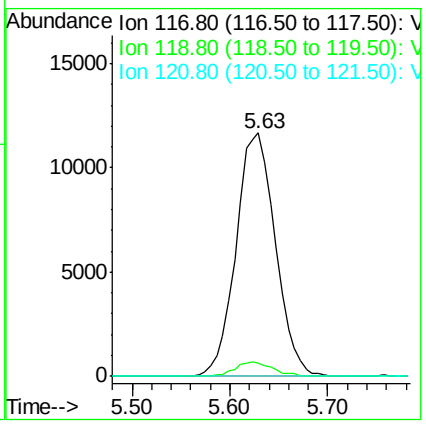


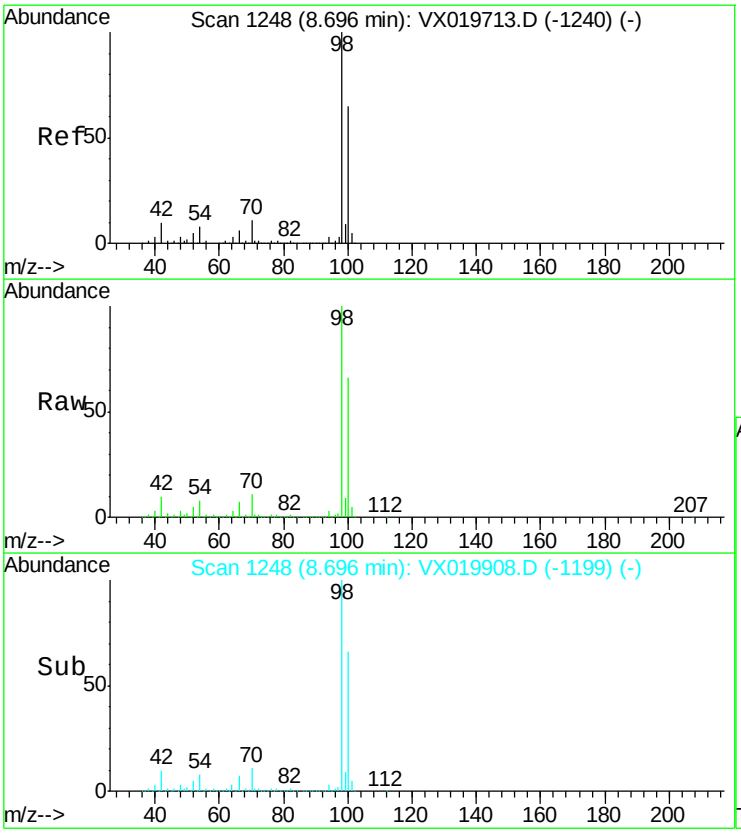
#38
Carbon Tetrachloride
Concen: 6.798 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion:117 Resp: 32541

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#

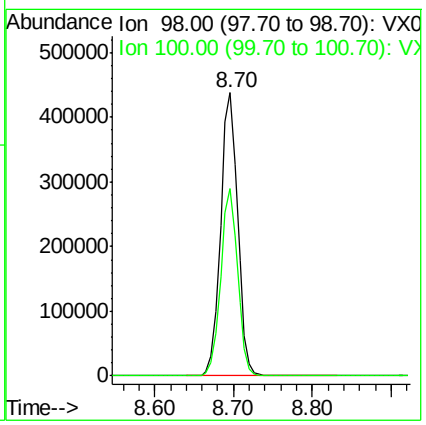


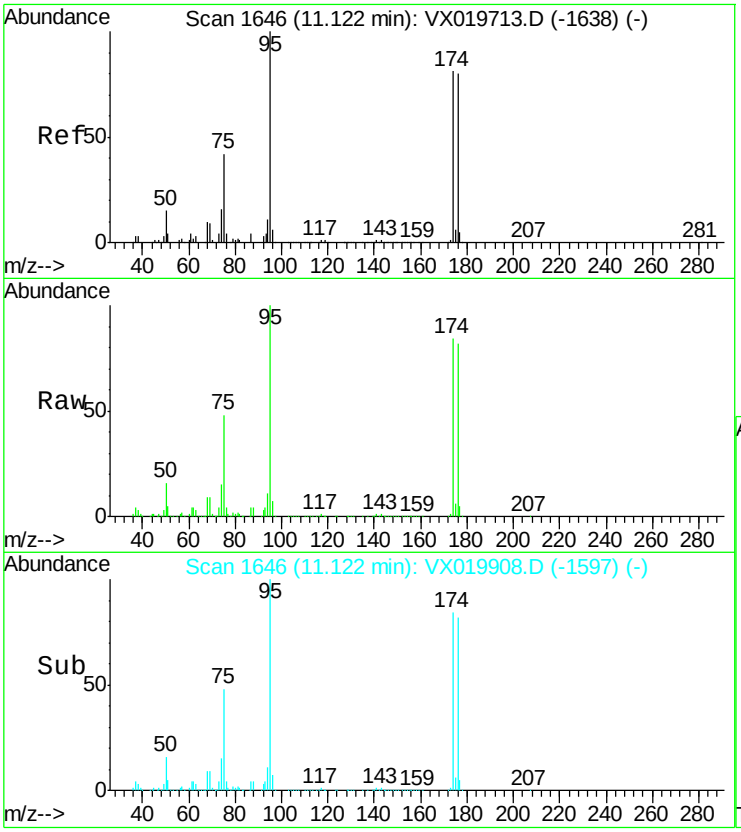


#50
Toluene-d8
Concen: 49.337 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 98 Resp: 658539

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.9	77.9



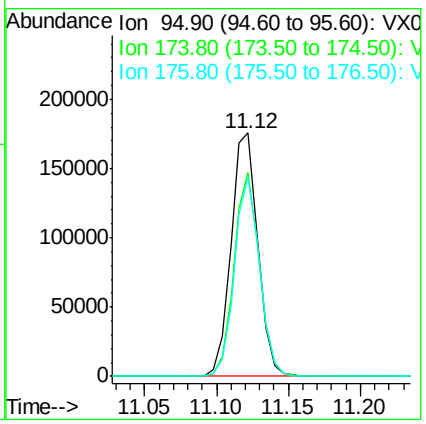


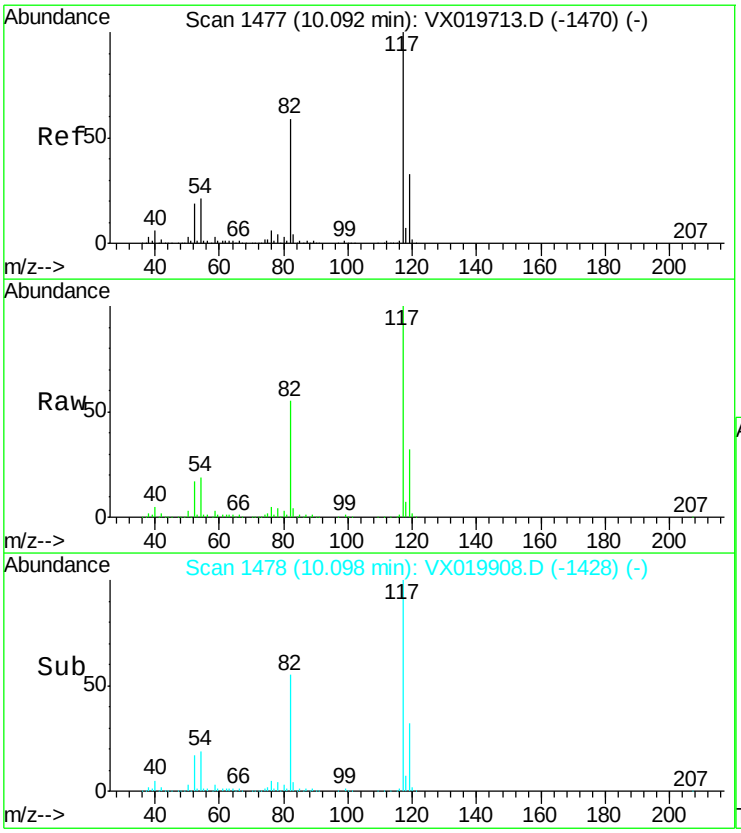
#62
4-Bromofluorobenzene
Concen: 44.988 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion: 95 Resp: 228555

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	154.6
176	76.7	0.0	155.8

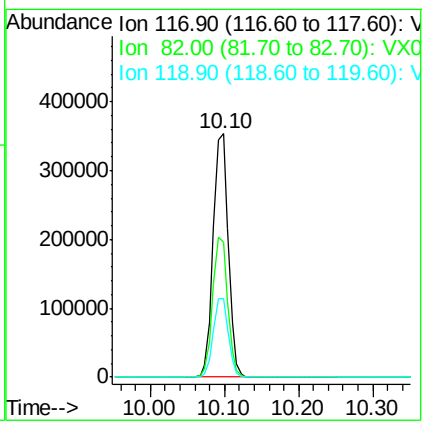


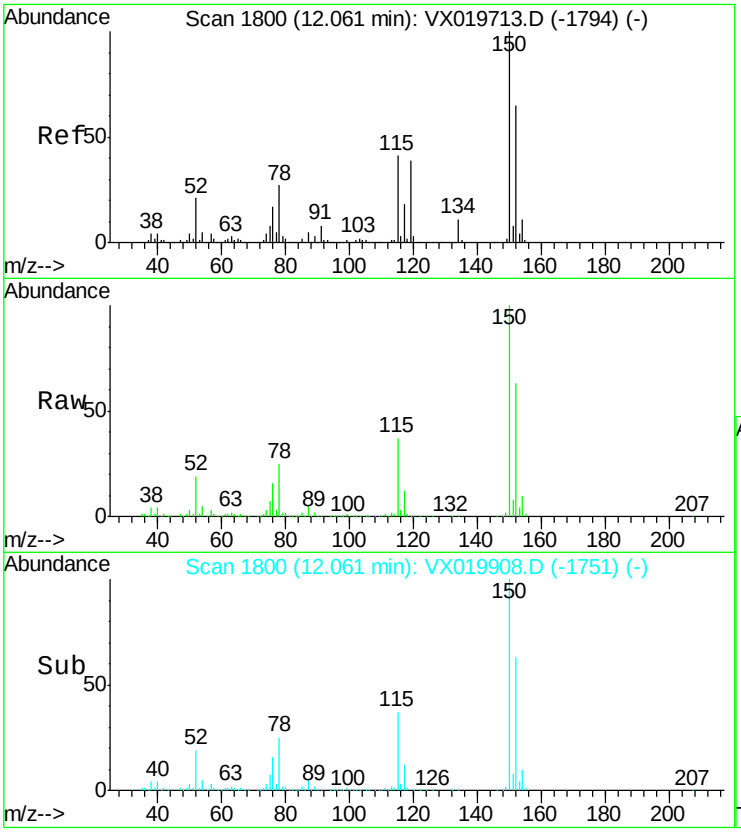


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion:117 Resp: 490873

Ion	Ratio	Lower	Upper
117	100		
82	55.2	47.4	71.2
119	32.3	26.6	39.8



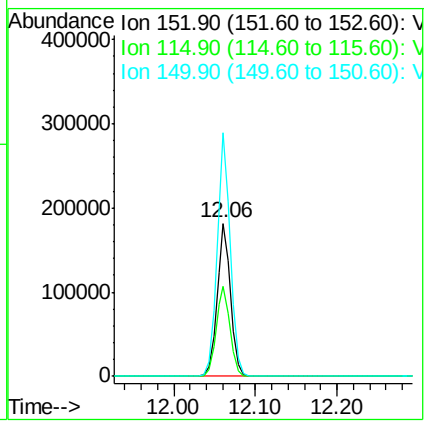


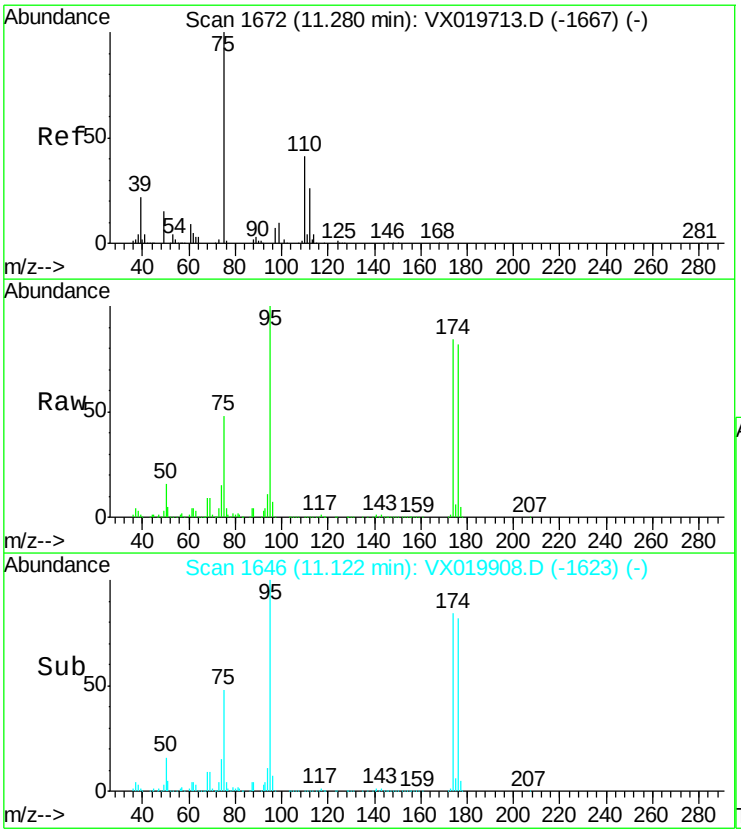
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion:152 Resp: 210907

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.1	123.3
150	157.3	0.0	349.0

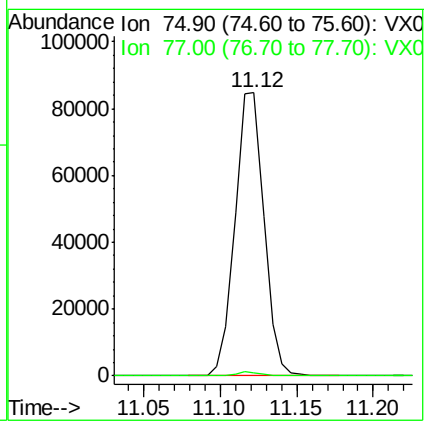


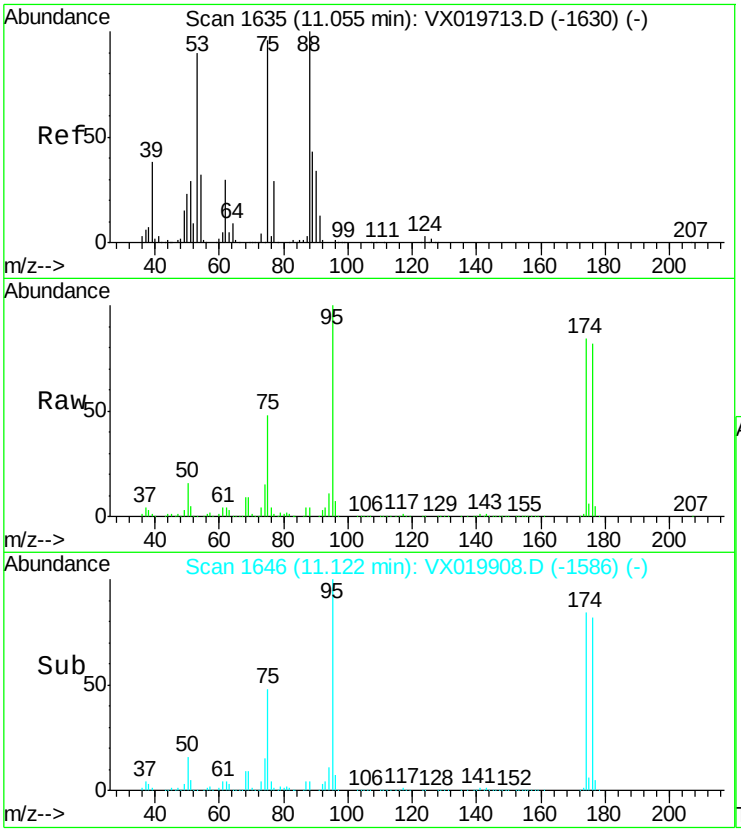


#76
1,2,3-Trichloropropane
Concen: 23.520 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion: 75 Resp: 111258

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#



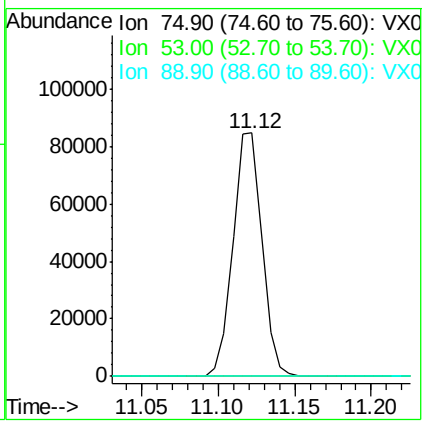


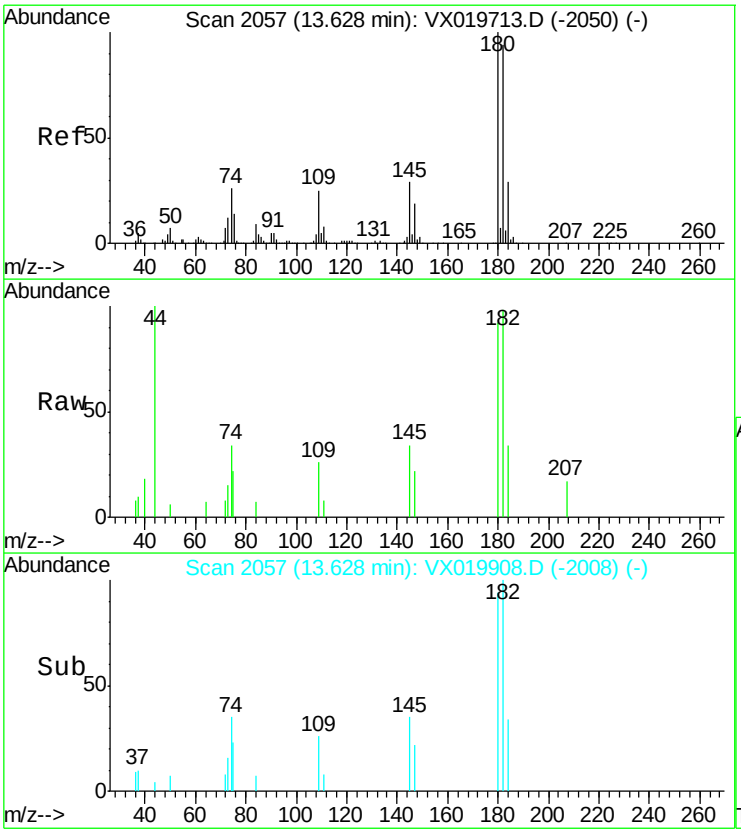
#81
trans-1,4-Dichloro-2-butene
Concen: 67.993 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion: 75 Resp: 111258

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

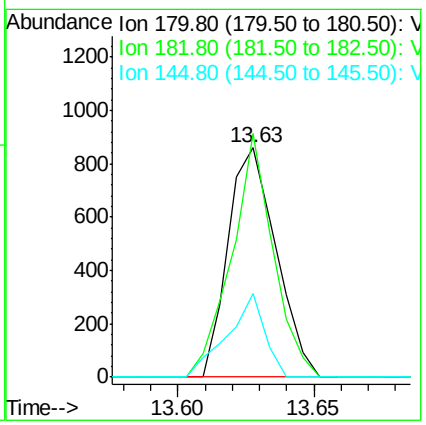


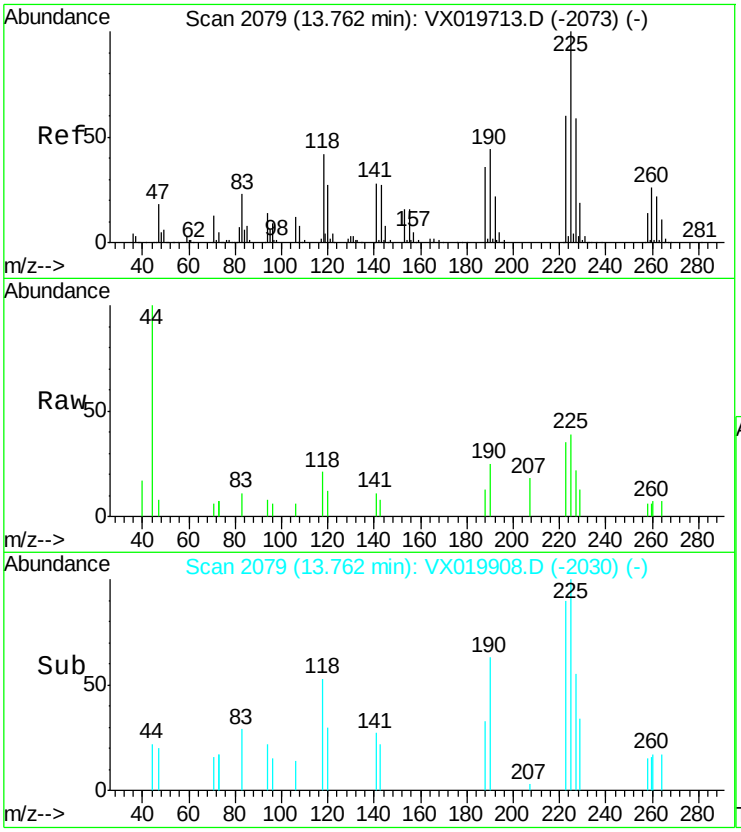


#93
1,2,4-Trichlorobenzene
Concen: 0.244 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion:180 Resp: 1050

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.7	143.1
145	28.5	15.0	45.0



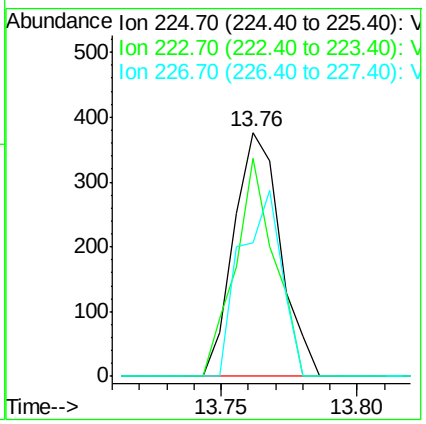


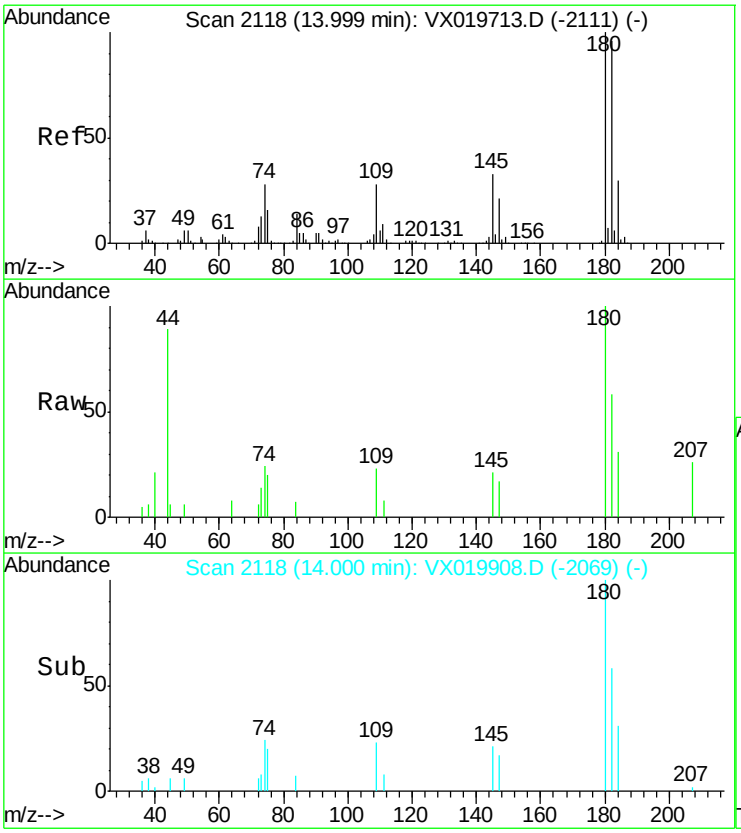
#94
Hexachlorobutadiene
Concen: 0.233 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-TB-120920

Tgt Ion:225 Resp: 447

Ion	Ratio	Lower	Upper
225	100		
223	75.6	31.1	93.2
227	66.9	31.6	95.0





#96
1,2,3-Trichlorobenzene
Concen: 0.220 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019908.D
Acq: 12 Dec 2020 05:24

Tgt Ion:180 Resp: 925

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.6	142.9
145	25.7	16.1	48.3