Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020084.D
Acq On : 16 Dec 2020 22:33
Operator : JC/MD
Sample : L5085-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-7854-121120

Quant Time: Dec 17 00:34:17 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	285262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	447777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	191282	51.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.04%			
35) Dibromofluoromethane	5.46	113	154428	49.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.90%			
50) Toluene-d8	8.70	98	588300	49.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.68%			
62) 4-Bromofluorobenzene	11.12	95	206154	45.43	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	2001	0.766	ug/l	98
4) Vinyl Chloride	1.39	62	3293	1.017	ug/l #	39
5) Bromomethane	1.64	94	533	0.496	ug/l #	62
6) Chloroethane	1.78	64	545	0.280	ug/l #	54
11) Tert butyl alcohol	3.00	59	751	Below Cal	#	73
16) Acetone	2.42	43	2185	1.551	ug/l	98
18) Methyl Acetate	2.75	43	751	0.218	ug/l #	66
20) Methylene Chloride	2.84	84	475	Below Cal	#	81
21) trans-1,2-Dichloroethene	3.14	96	2120	0.696	ug/l #	80
27) cis-1,2-Dichloroethene	4.57	96	1619	0.454	ug/l	98
29) Tetrahydrofuran	5.10	42	1014	0.727	ug/l #	70
31) Cyclohexane	5.63	56	5593	1.199	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22749	5.209	ug/l #	49
38) Carbon Tetrachloride	5.63	117	28538	6.674	ug/l #	16
41) Methacrylonitrile	5.10	41	781	0.323	ug/l #	43
76) 1,2,3-Trichloropropane	11.12	75	99250	23.217	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	99250	67.115	ug/l #	12

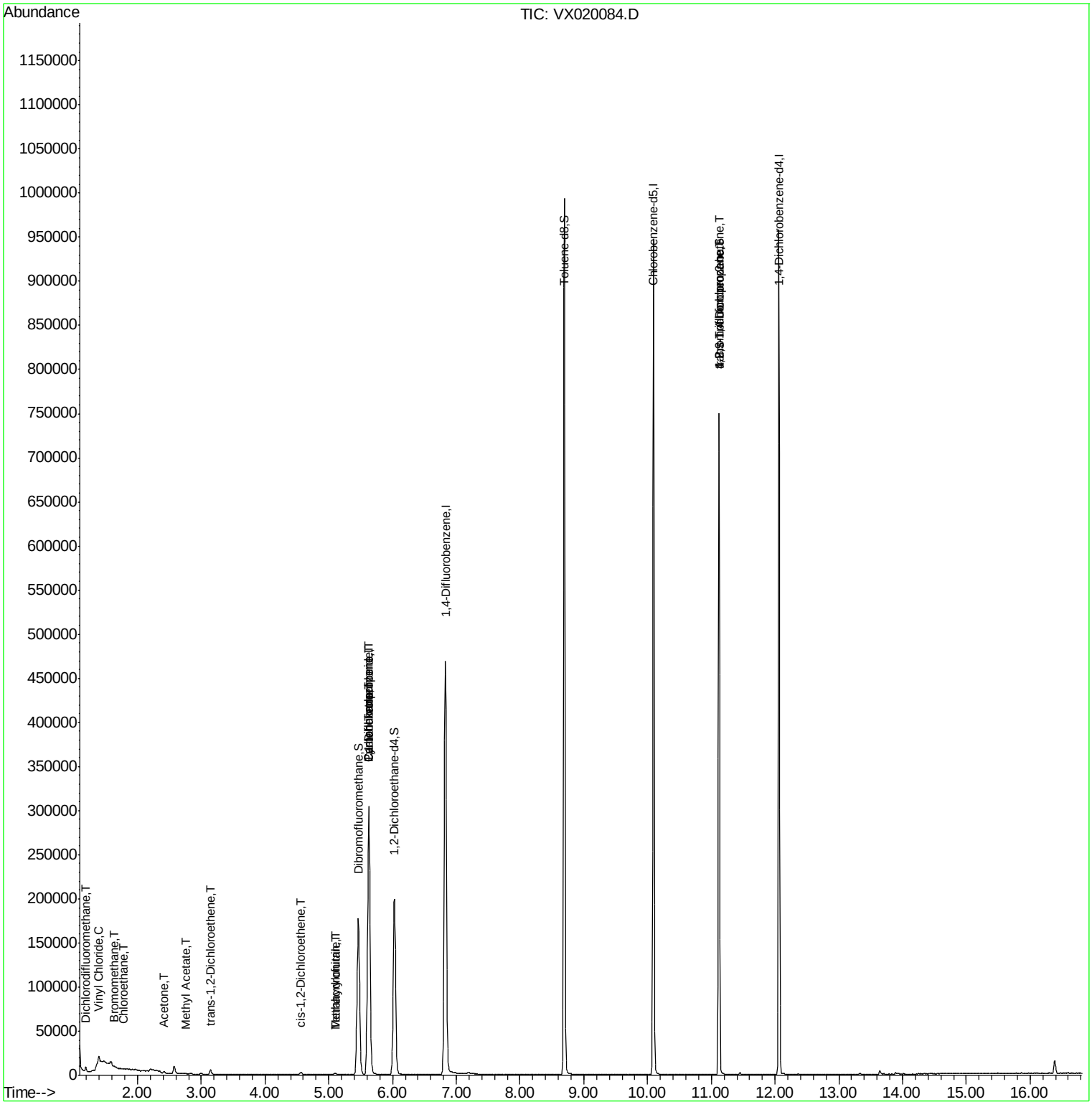
(#) = qualifier out of range (m) = manual integration (+) = signals summed

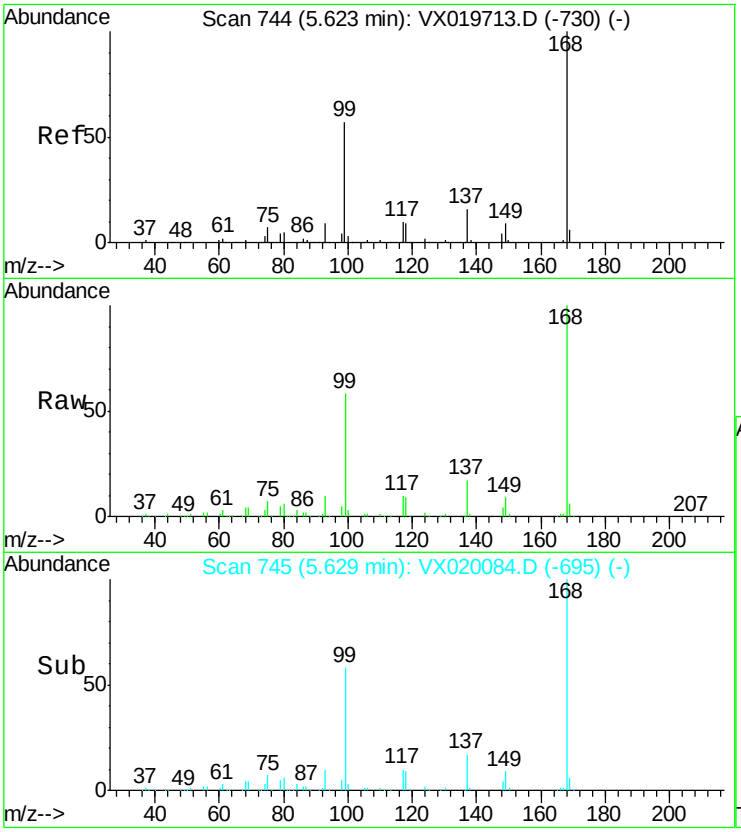
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020084.D
Acq On : 16 Dec 2020 22:33
Operator : JC/MD
Sample : L5085-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Quant Time: Dec 17 00:34:17 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



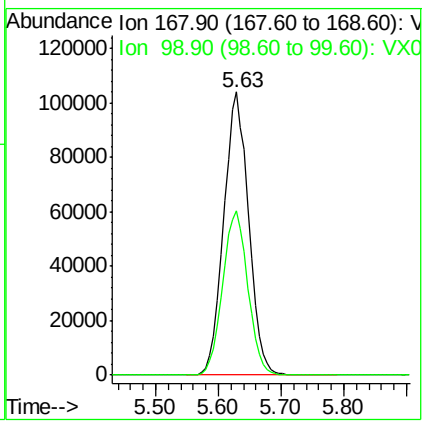


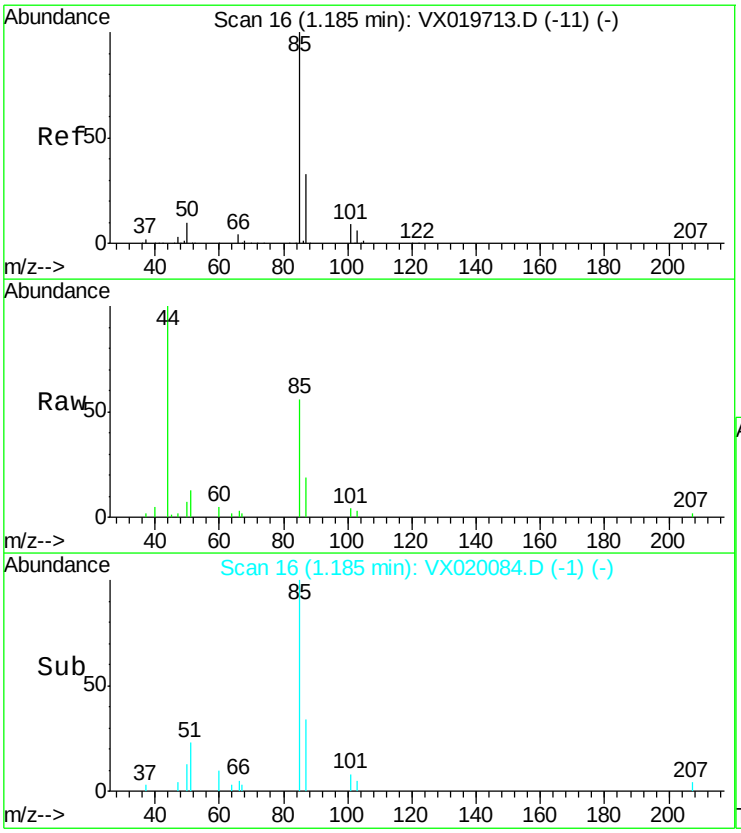
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion:168 Resp: 285262

Ion	Ratio	Lower	Upper
168	100		
99	58.3	45.8	68.6

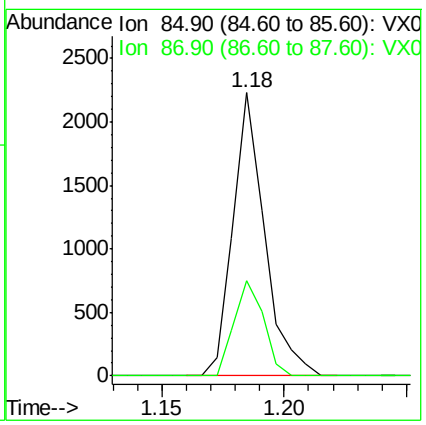


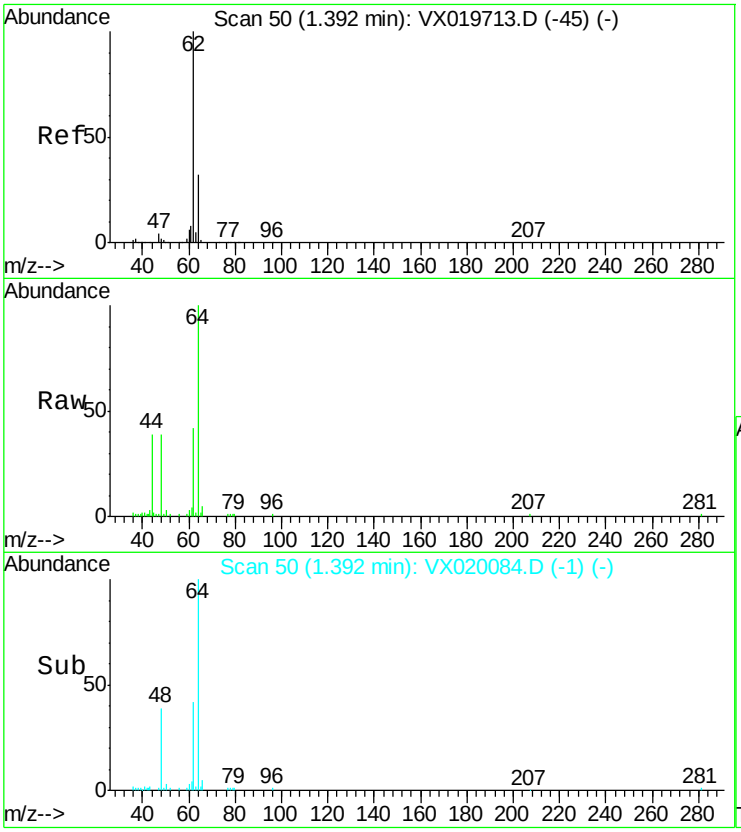


#2
Dichlorodifluoromethane
Concen: 0.766 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 85 Resp: 2001

Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.4	49.2



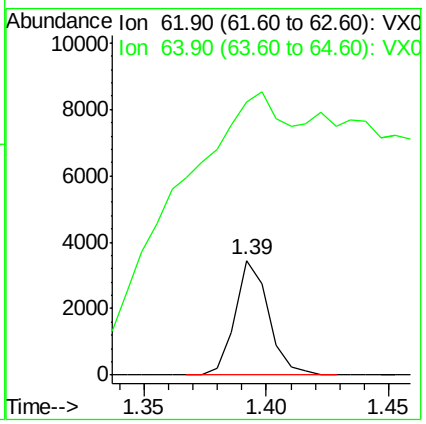


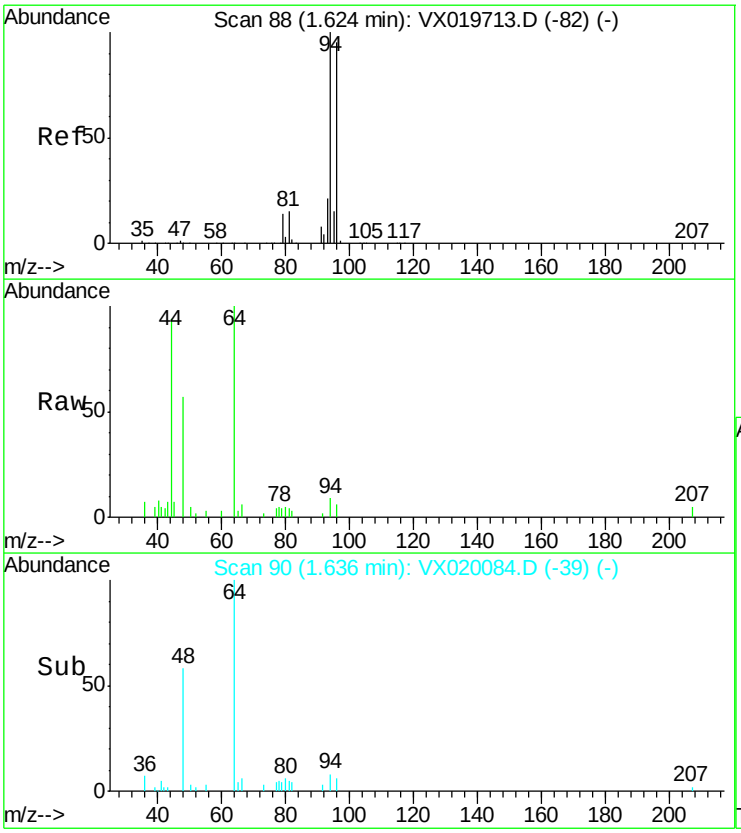
#4
Vinyl Chloride
Concen: 1.017 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 62 Resp: 3293

Ion	Ratio	Lower	Upper
62	100		
64	66.1	25.7	38.5#

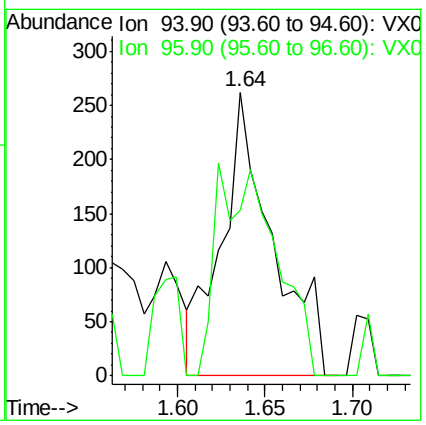


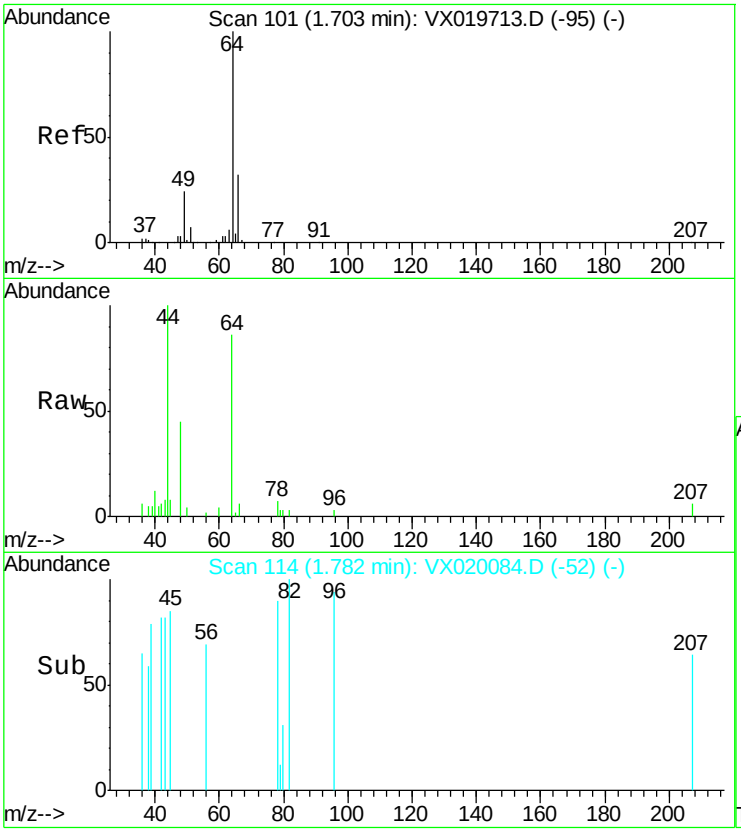


#5
Bromomethane
Concen: 0.496 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 94 Resp: 533

Ion	Ratio	Lower	Upper
94	100		
96	58.4	76.4	114.6#



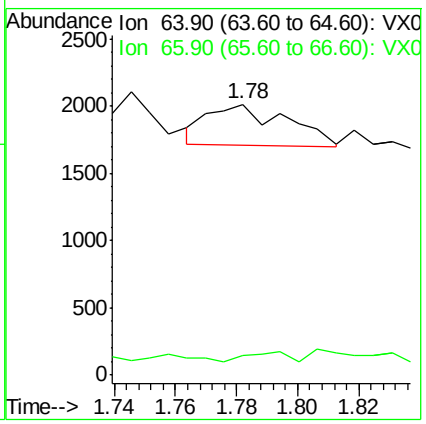


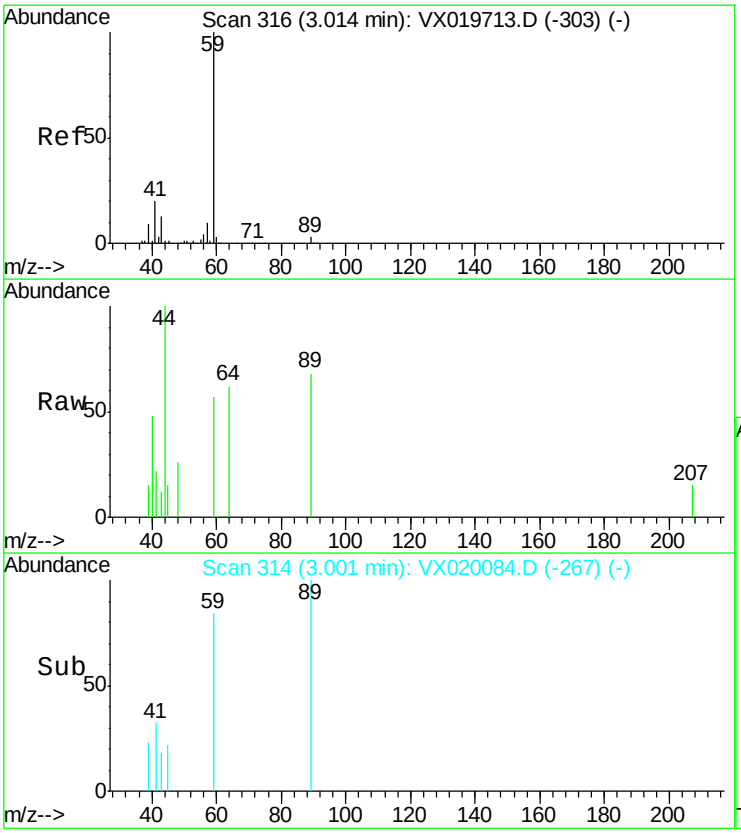
#6
Chloroethane
Concen: 0.280 ug/l
RT: 1.78 min Scan# 114
Delta R.T. 0.08 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 64 Resp: 545

Ion	Ratio	Lower	Upper
64	100		
66	6.0	25.4	38.0#

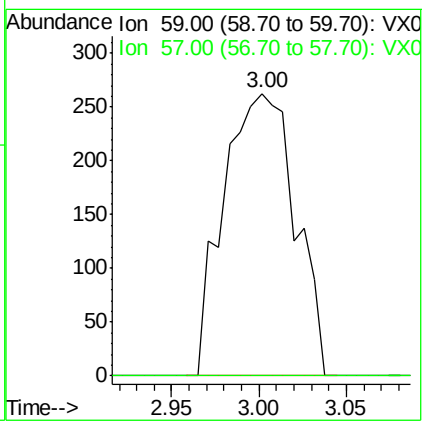


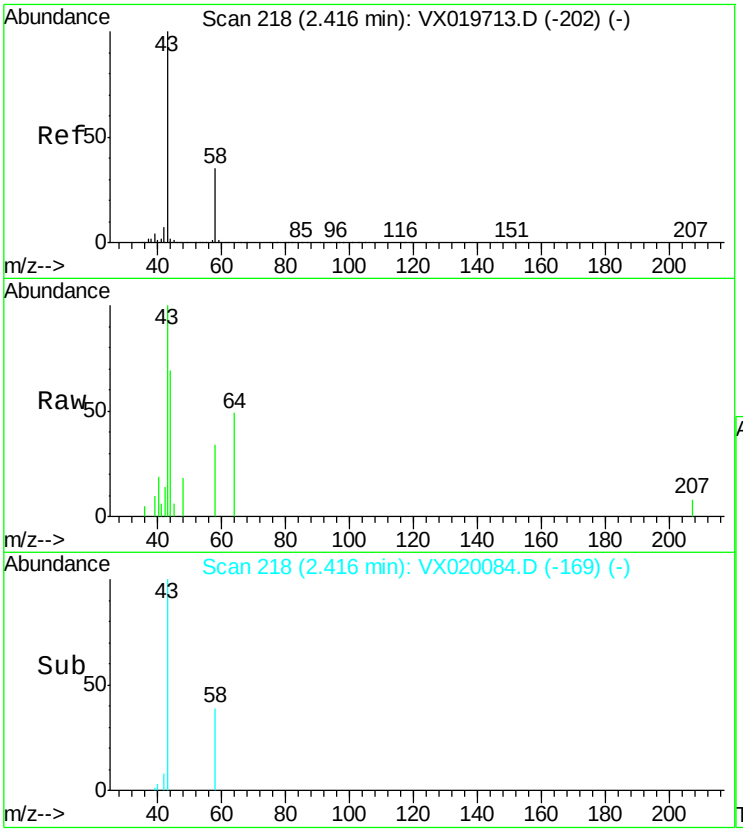


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 59 Resp: 751

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



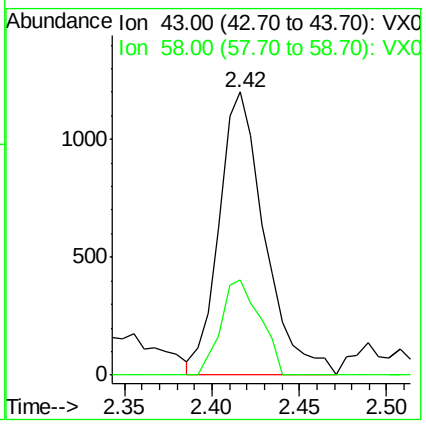


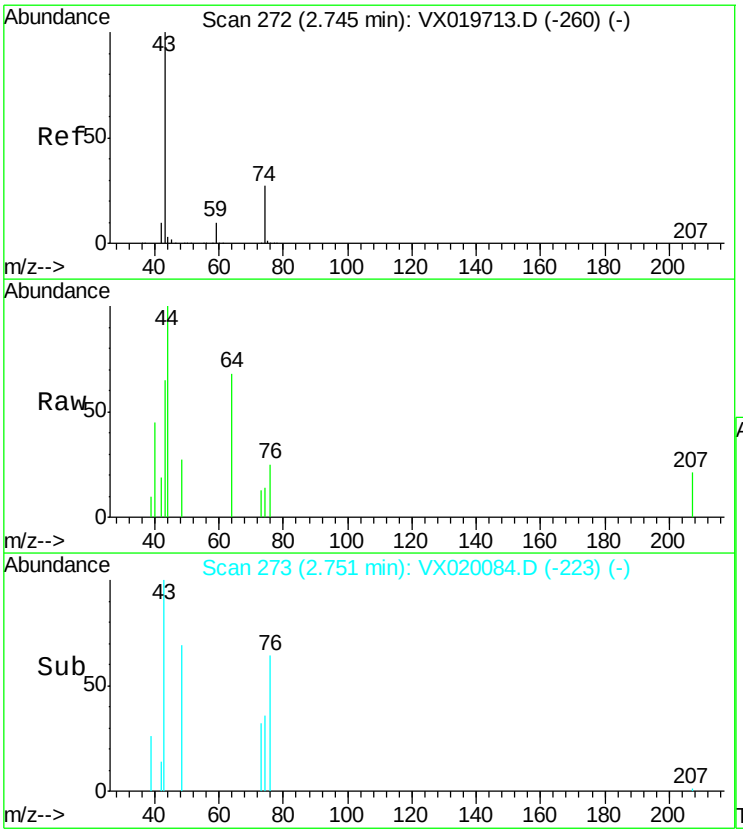
#16
Acetone
Concen: 1.551 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 43 Resp: 2185

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.8	41.8

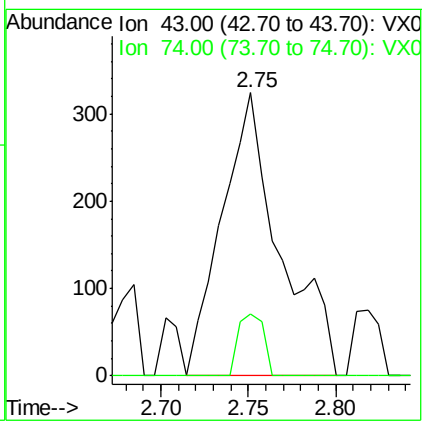


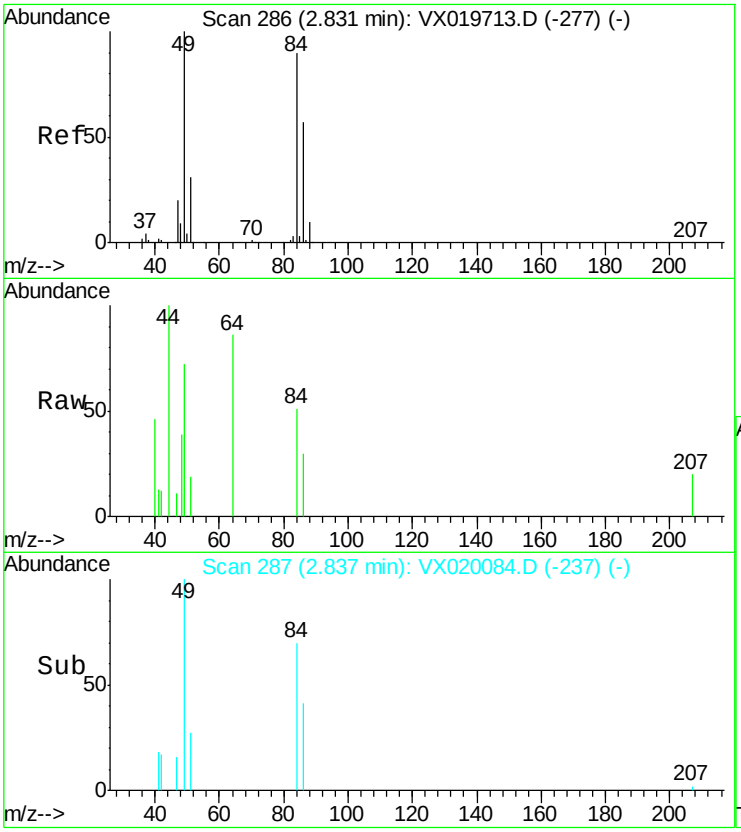


#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 43 Resp: 751

Ion	Ratio	Lower	Upper
43	100		
74	9.5	21.9	32.9#



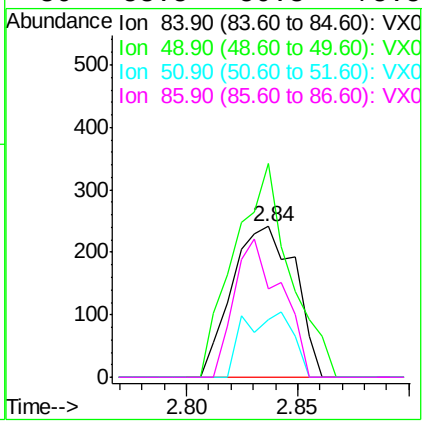


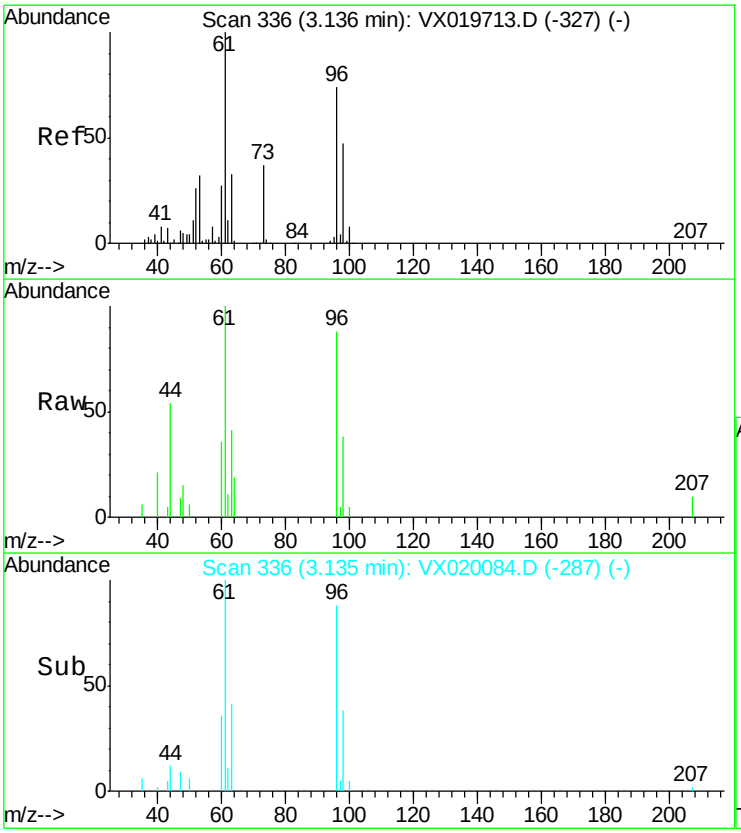
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 84 Resp: 475

Ion	Ratio	Lower	Upper
84	100		
49	141.9	88.6	132.8#
51	38.2	27.0	40.6
86	58.5	50.3	75.5

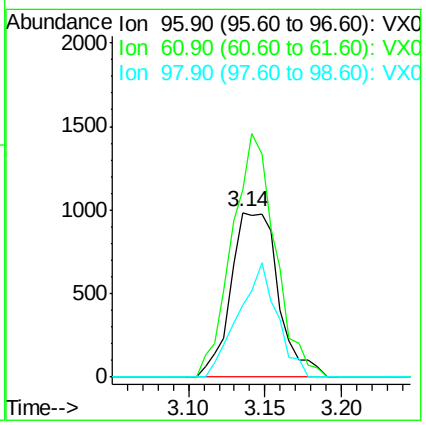


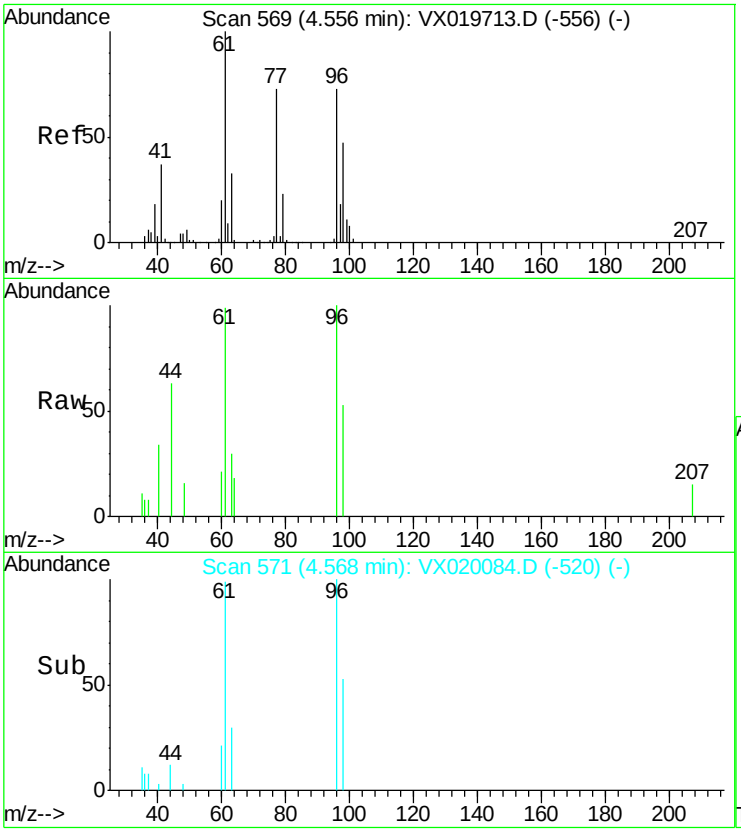


#21
trans-1,2-Dichloroethene
Concen: 0.696 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 96 Resp: 2120

Ion	Ratio	Lower	Upper
96	100		
61	114.1	107.7	161.5
98	43.8	50.4	75.6#



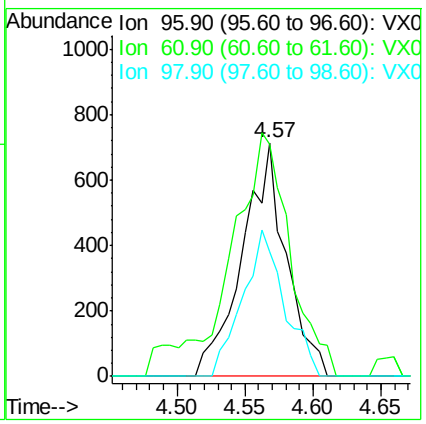


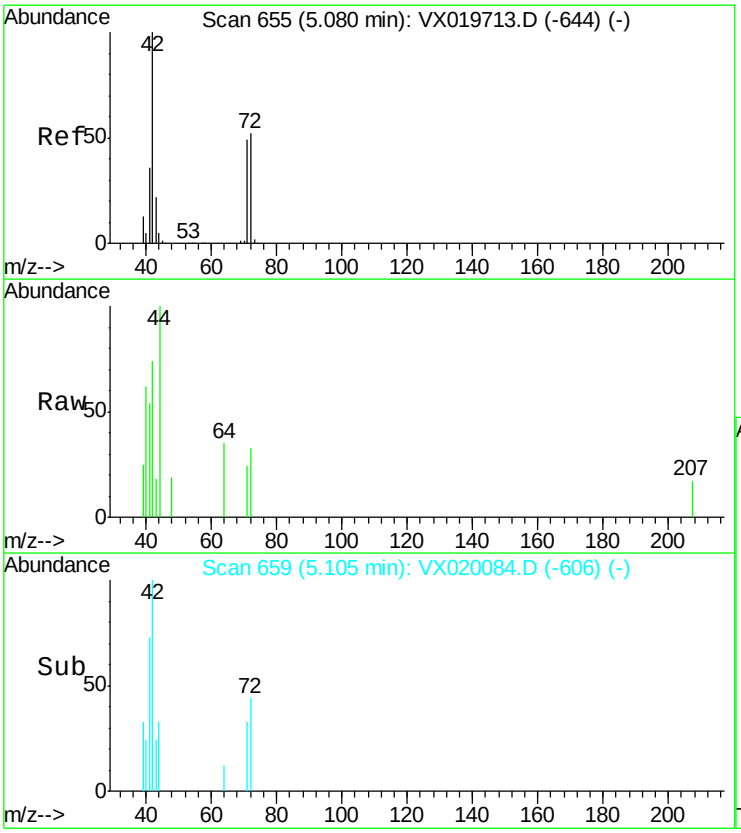
#27
cis-1,2-Dichloroethene
Concen: 0.454 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 96 Resp: 1619

Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	285.6
98	59.5	0.0	129.6

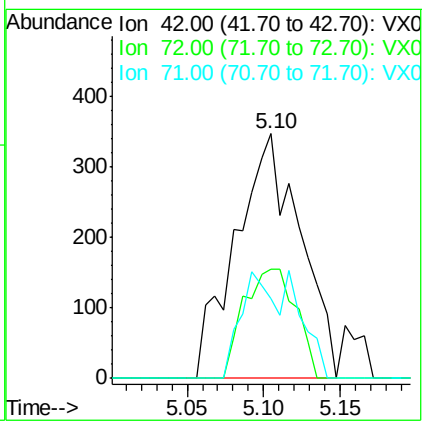


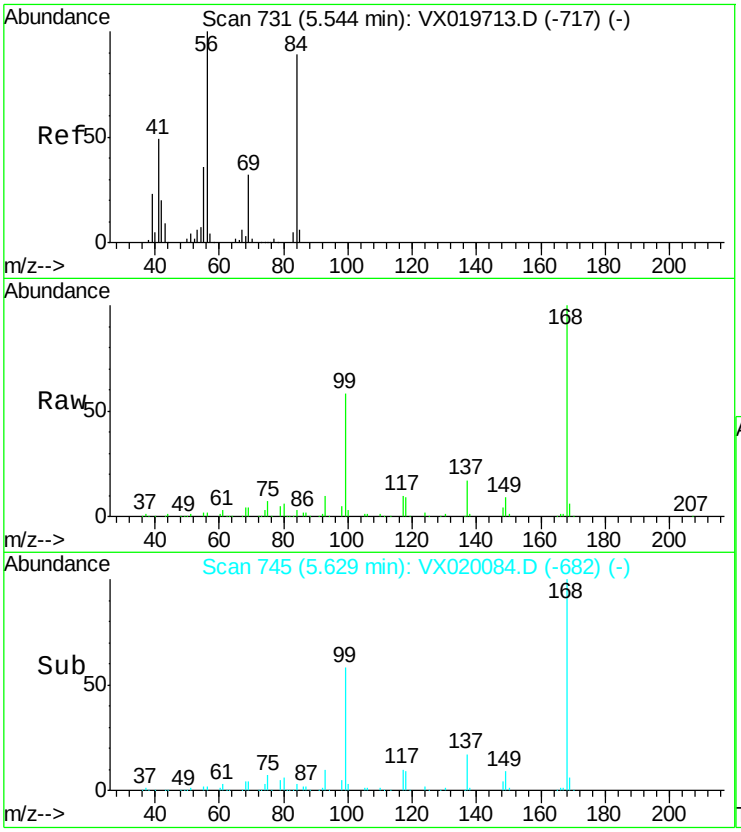


#29
Tetrahydrofuran
Concen: 0.727 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 42 Resp: 1014

Ion	Ratio	Lower	Upper
42	100		
72	35.9	41.7	62.5#
71	23.2	38.4	57.6#



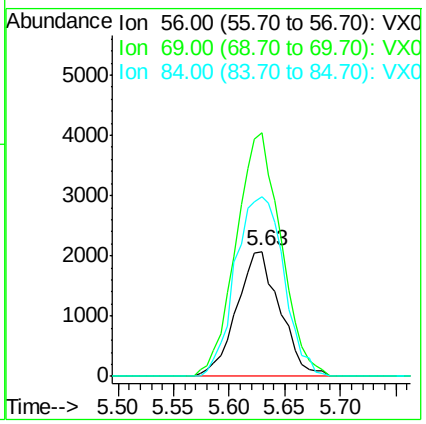


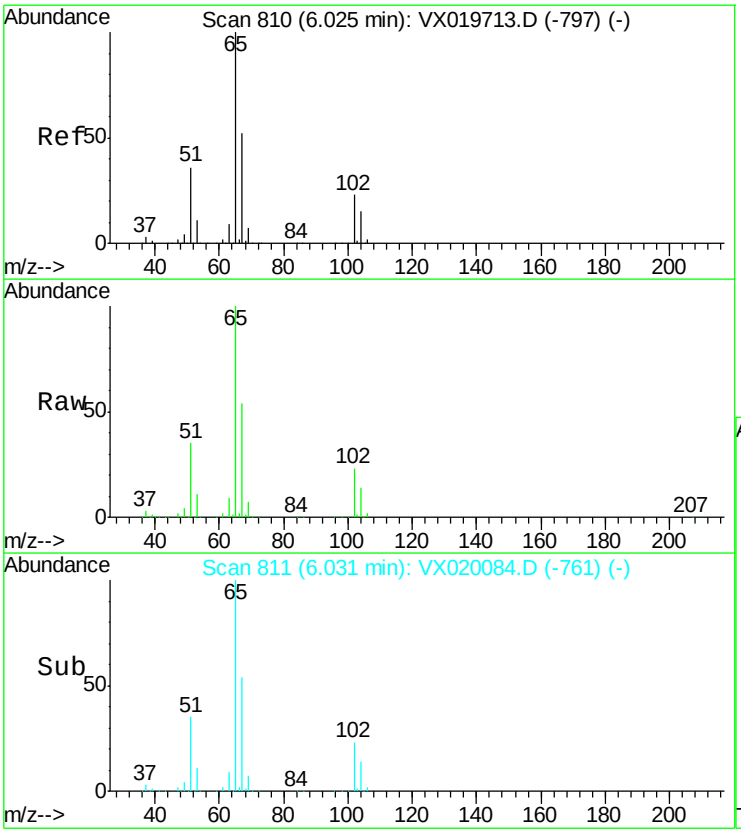
#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 56 Resp: 5593

Ion	Ratio	Lower	Upper
56	100		
69	194.5	25.3	37.9#
84	143.5	71.4	107.0#

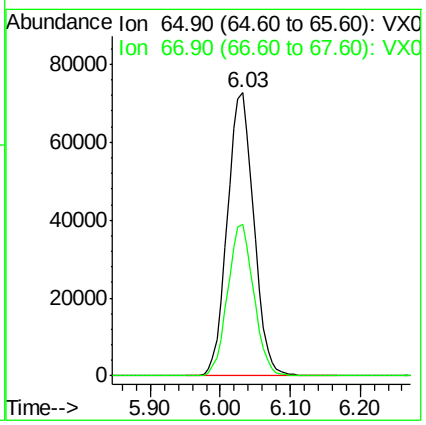


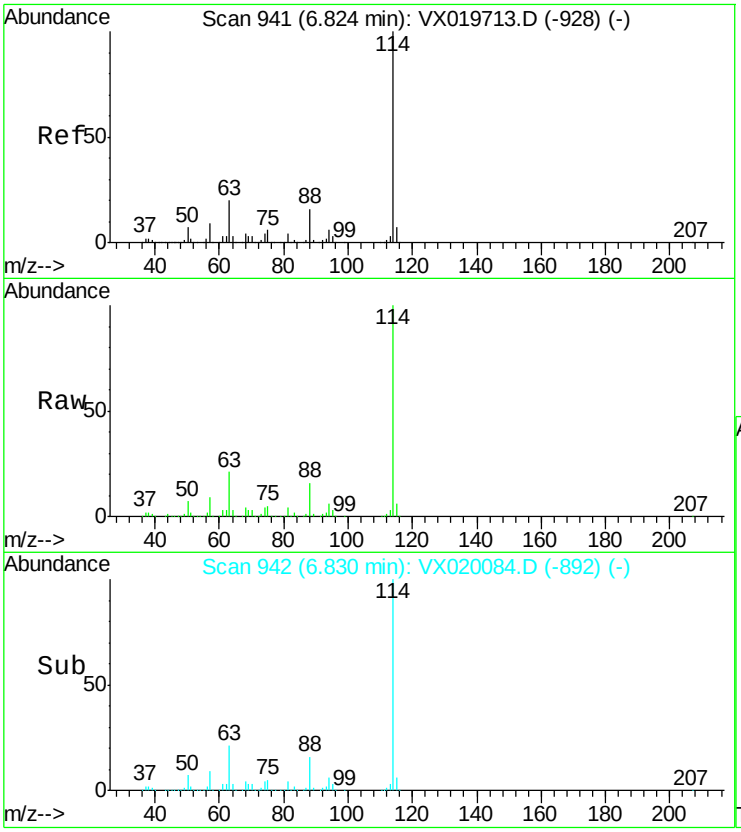


#33
1,2-Dichloroethane-d4
Concen: 51.020 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 65 Resp: 191282

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4



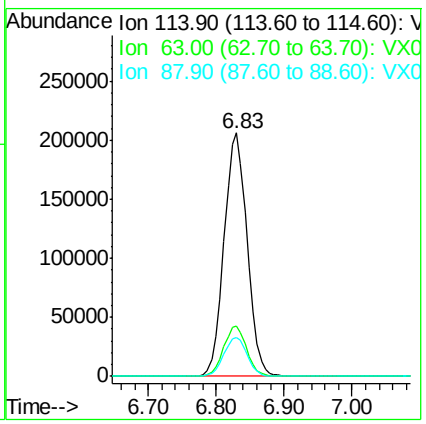


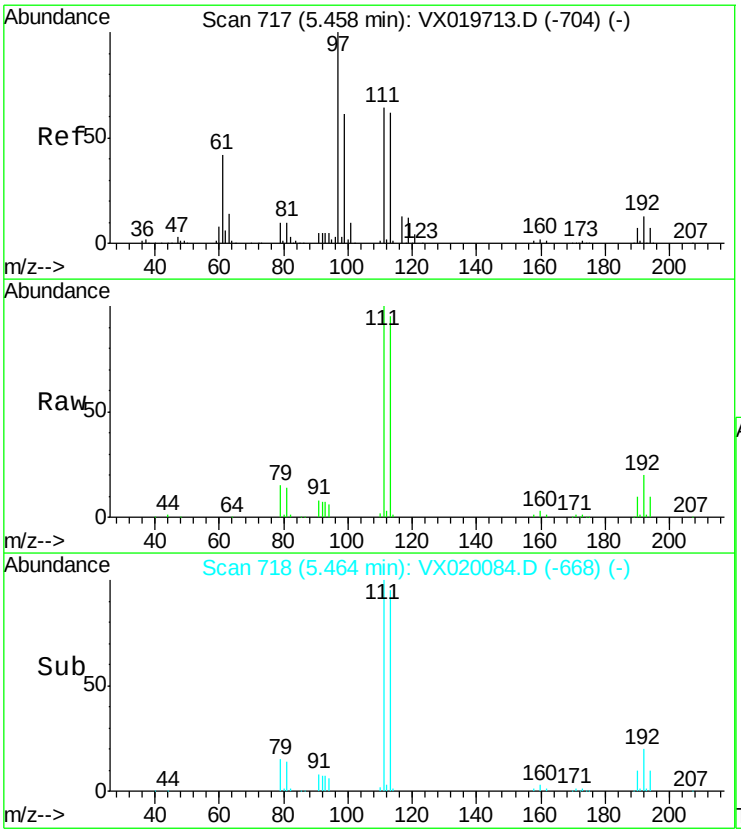
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion:114 Resp: 483253

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.0	0.0	32.8

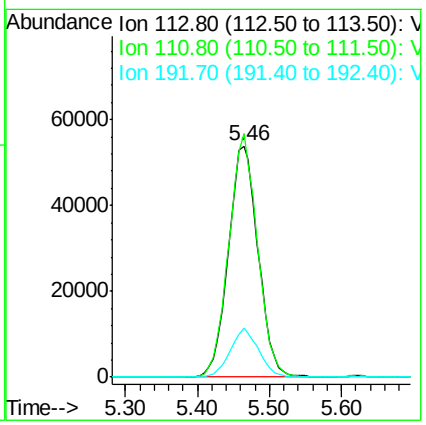


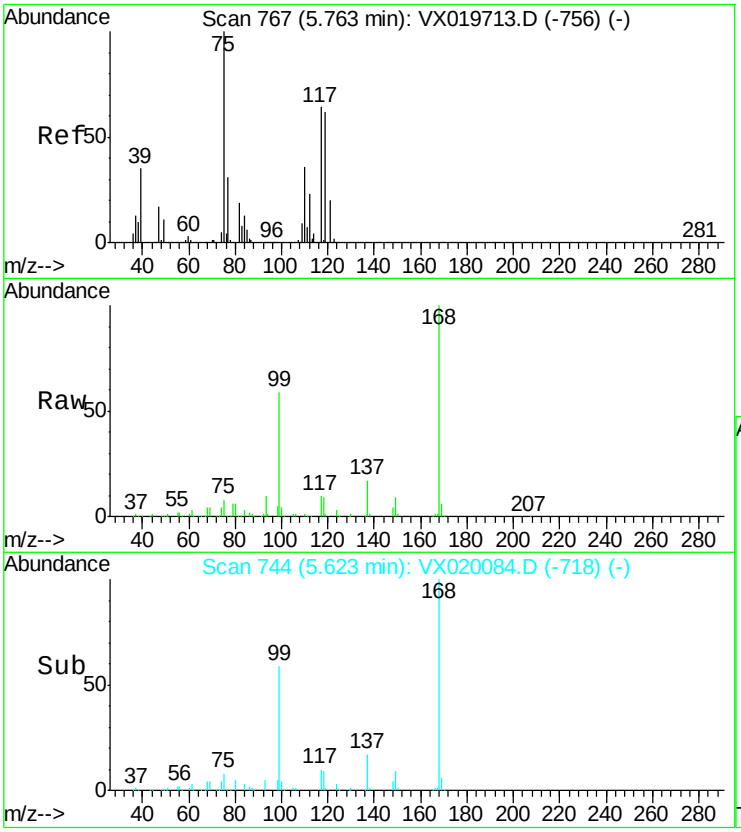


#35
Dibromofluoromethane
Concen: 49.446 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion:113 Resp: 154428

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	20.1	16.7	25.1



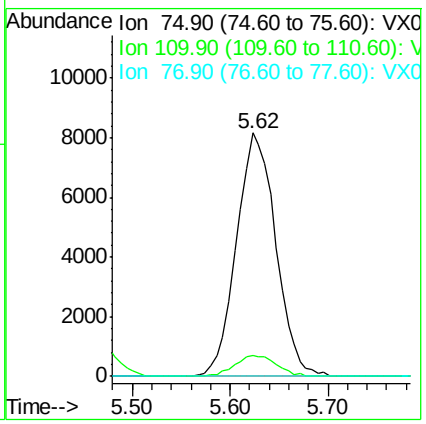


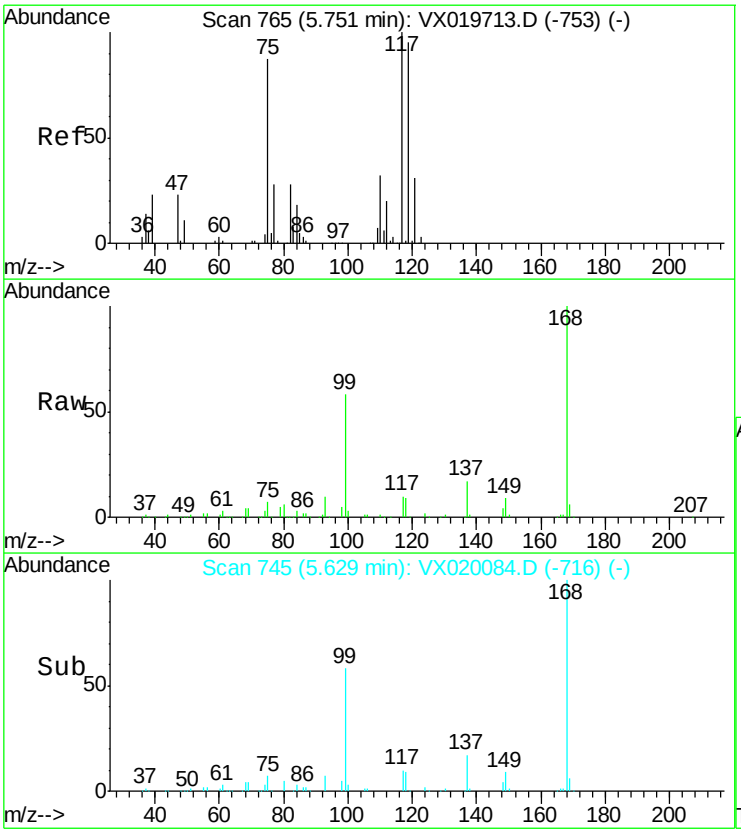
#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 75 Resp: 22749

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

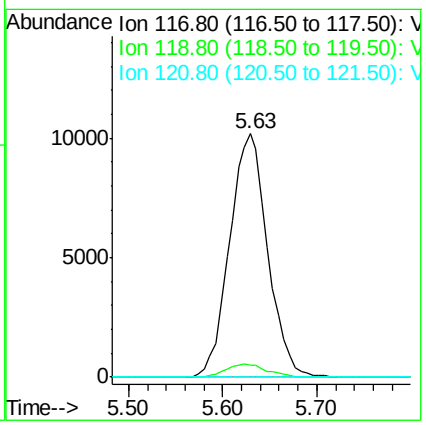


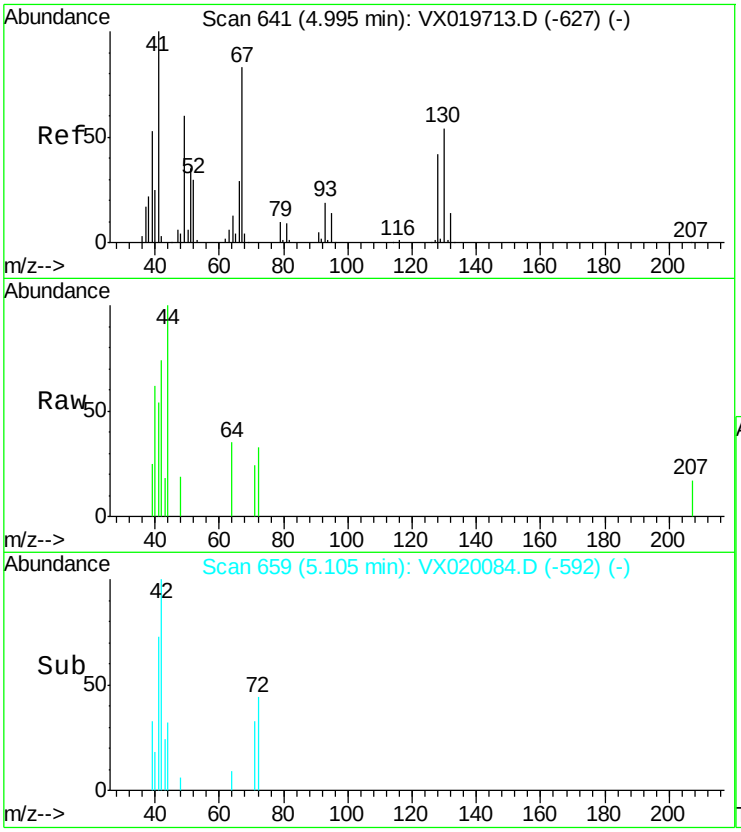


#38
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion:117 Resp: 28538

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.2#
121	0.0	24.8	37.2#



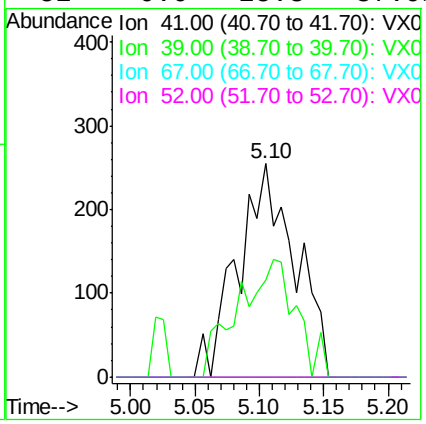


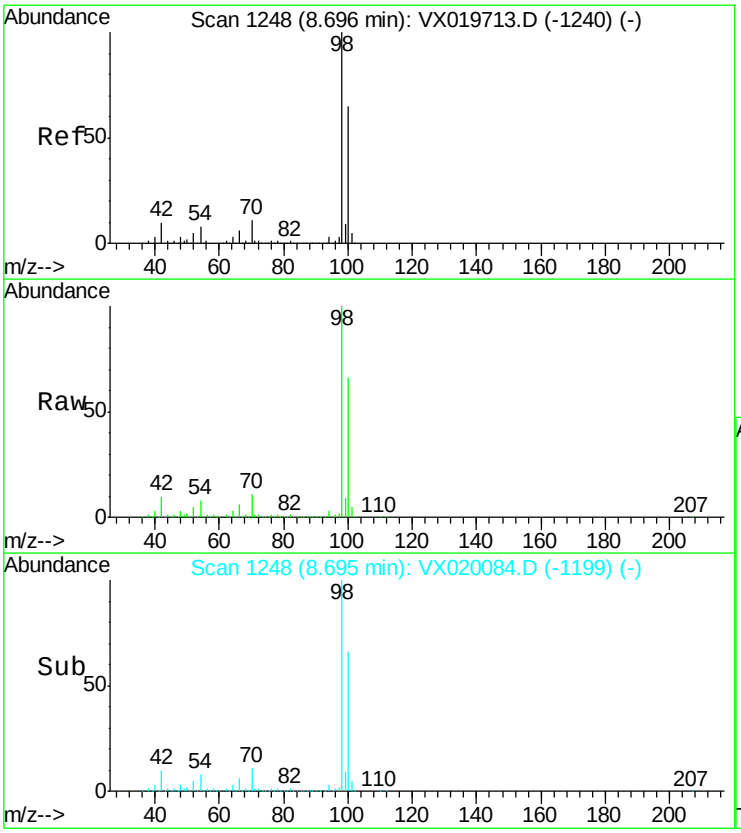
#41
Methacrylonitrile
Concen: 0.323 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 41 Resp: 781

Ion	Ratio	Lower	Upper
41	100		
39	56.6	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

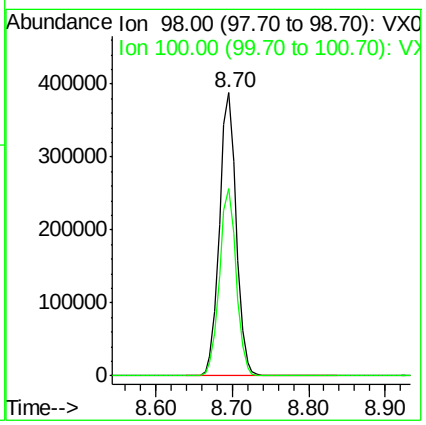


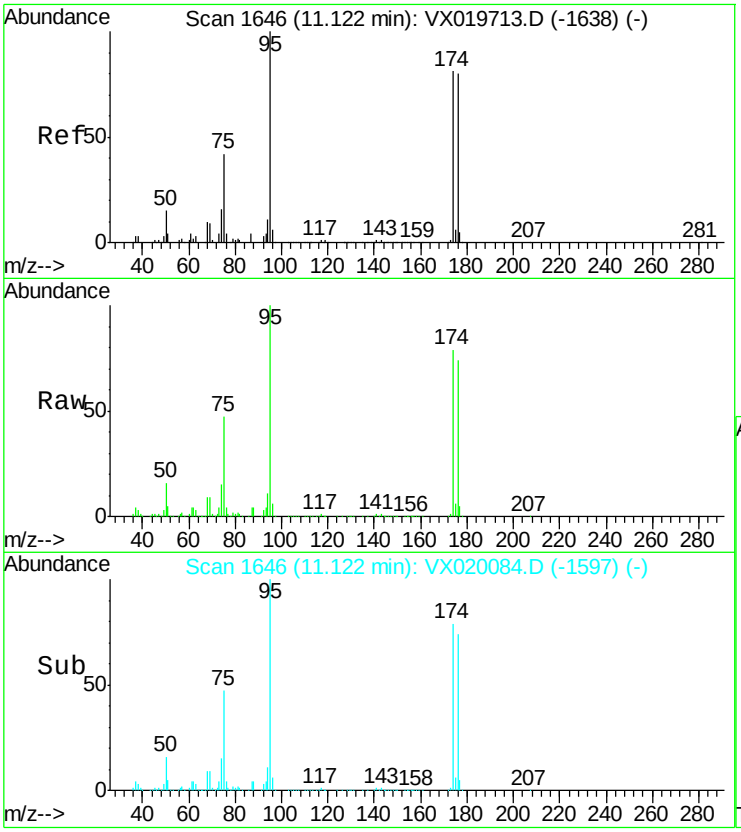


#50
Toluene-d8
Concen: 49.339 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 98 Resp: 588300

Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.9	77.9



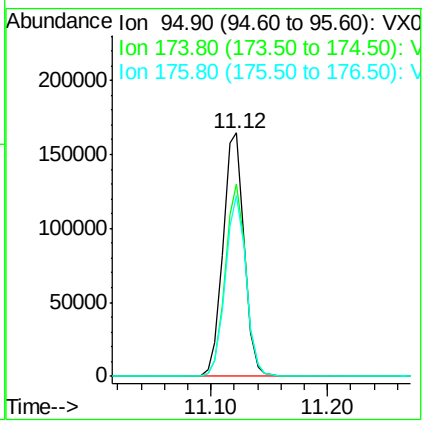


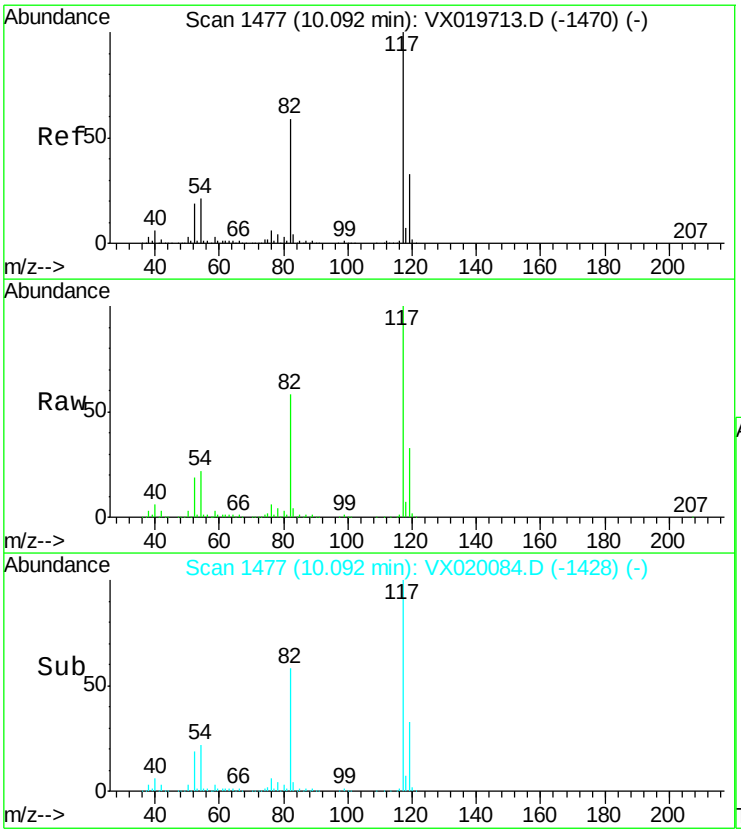
#62
4-Bromofluorobenzene
Concen: 45.426 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 95 Resp: 206154

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	154.6
176	73.2	0.0	155.8

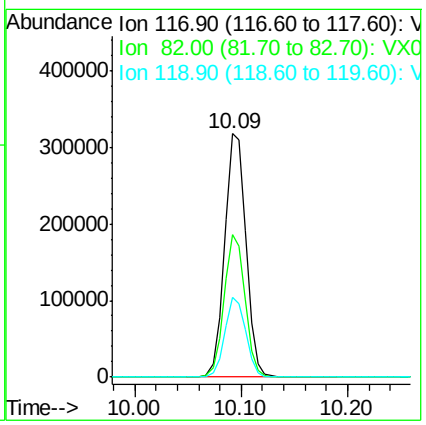


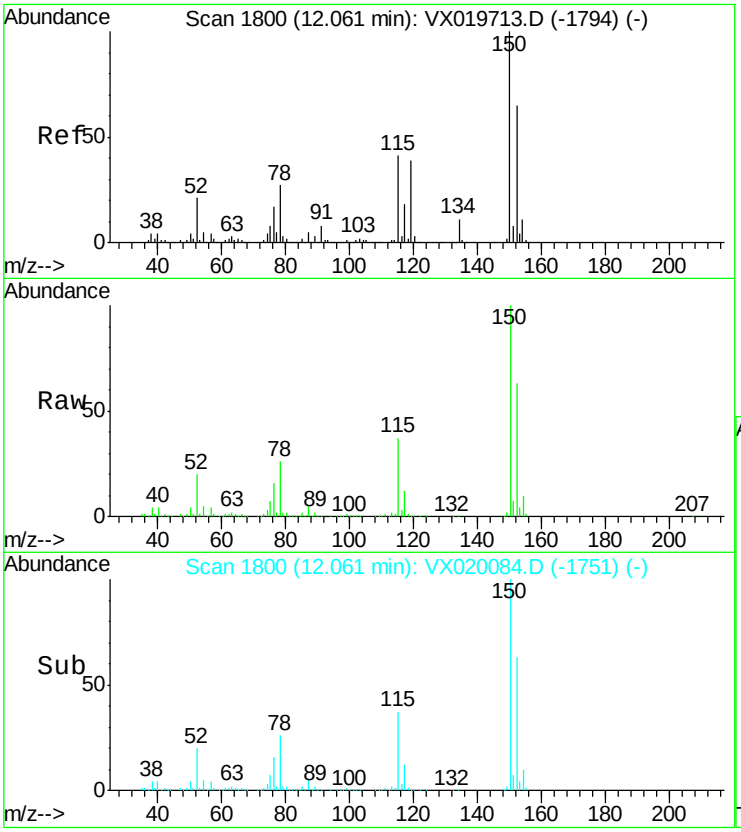


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion:117 Resp: 447777

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	32.5	26.6	39.8



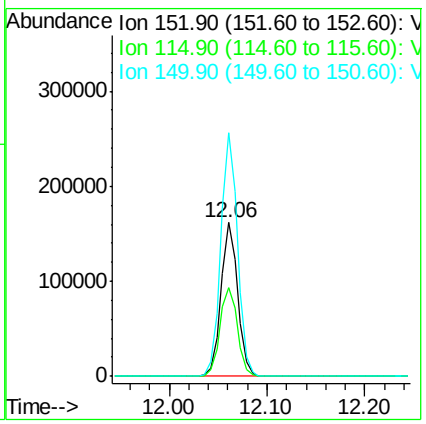


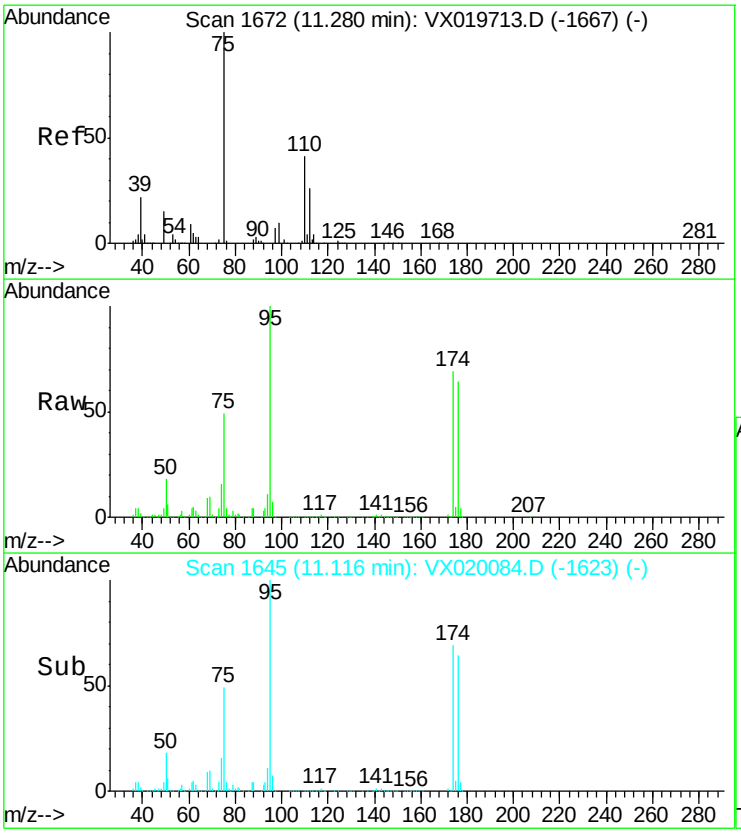
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion:152 Resp: 190605

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	158.8	0.0	349.0

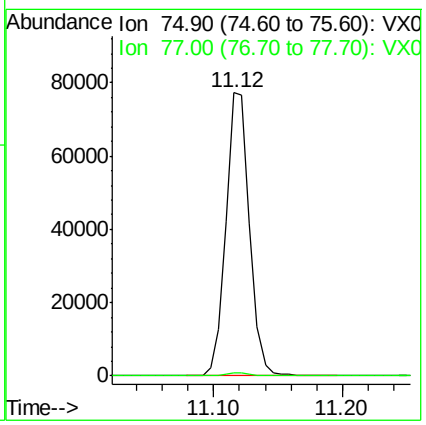


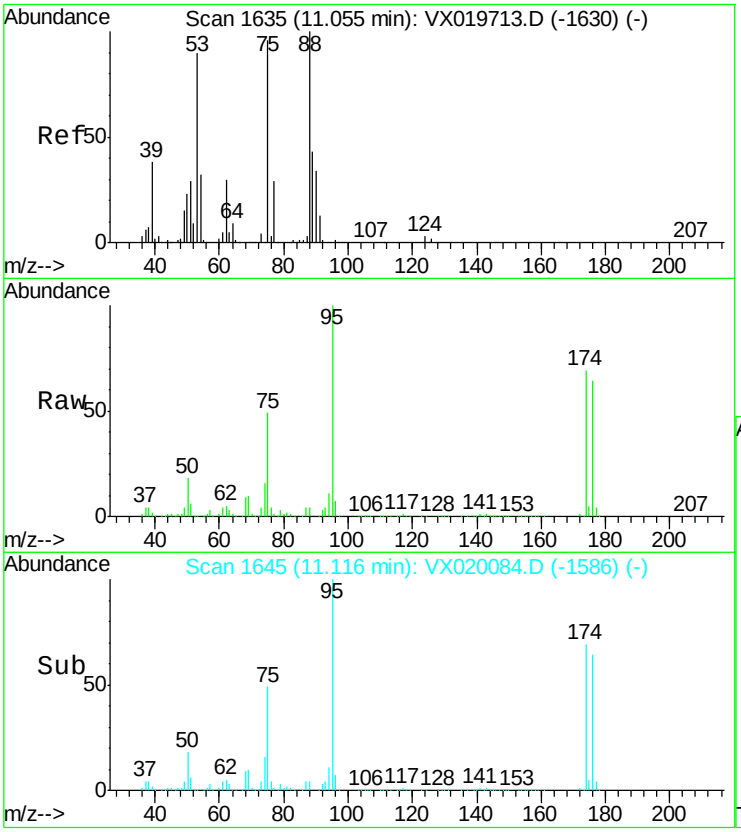


#76
1,2,3-Trichloropropane
Concen: 23.217 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Tgt Ion: 75 Resp: 99250

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.115 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX020084.D
Acq: 16 Dec 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-7854-121120

Tgt Ion: 75 Resp: 99250

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