Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011549.D
Acq On : 13 Aug 2019 20:22
Operator : JC/SP
Sample : K4266-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : R1-R2-C2-(0)

Quant Time: Aug 14 01:11:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	192996	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	294352	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	274808	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120914	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	108433	55.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.58%				
35) Dibromofluoromethane	5.49	113	90618	47.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.30%				
50) Toluene-d8	8.71	98	351493	48.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.90%				
62) 4-Bromofluorobenzene	11.13	95	119370	46.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.18%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	350	0.267	ug/l		93
6) Chloroethane	1.70	64	103	Below Cal		#	43
8) Diethyl Ether	2.18	74	513	0.439	ug/l		59
11) Tert butyl alcohol	3.01	59	2747	7.110	ug/l	#	85
14) Allyl chloride	2.72	41	550	0.235	ug/l	#	50
16) Acetone	2.43	43	7978	8.624	ug/l		96
18) Methyl Acetate	2.77	43	2103	0.995	ug/l		92
20) Methylene Chloride	2.85	84	7768	3.834	ug/l		97
25) 2-Butanone	4.68	43	618	0.470	ug/l		90
31) Cyclohexane	5.65	56	3967	1.585	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	13613	5.297	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	18440	7.132	ug/l	#	14
43) Isopropyl Acetate	6.44	43	33633	8.161	ug/l		100
48) Methyl methacrylate	7.67	41	2063	1.064	ug/l	#	10
49) 1,4-Dioxane	7.88	88	125	2.223	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	33422	12.566	ug/l	#	50
53) t-1,3-Dichloropropene	9.02	75	40	2.852	ug/l	#	43
54) cis-1,3-Dichloropropene	8.61	75	15644	5.456	ug/l	#	66
56) Ethyl methacrylate	9.30	69	753	0.253	ug/l	#	1
57) 1,3-Dichloropropane	9.54	76	2979	0.904	ug/l	#	44
59) 2-Hexanone	9.54	43	39594	19.219	ug/l	#	52
74) N-amyl acetate	10.82	43	1476	0.494	ug/l	#	52
76) 1,2,3-Trichloropropane	11.13	75	61643	27.994	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.13	75	61643	72.511	ug/l	#	10

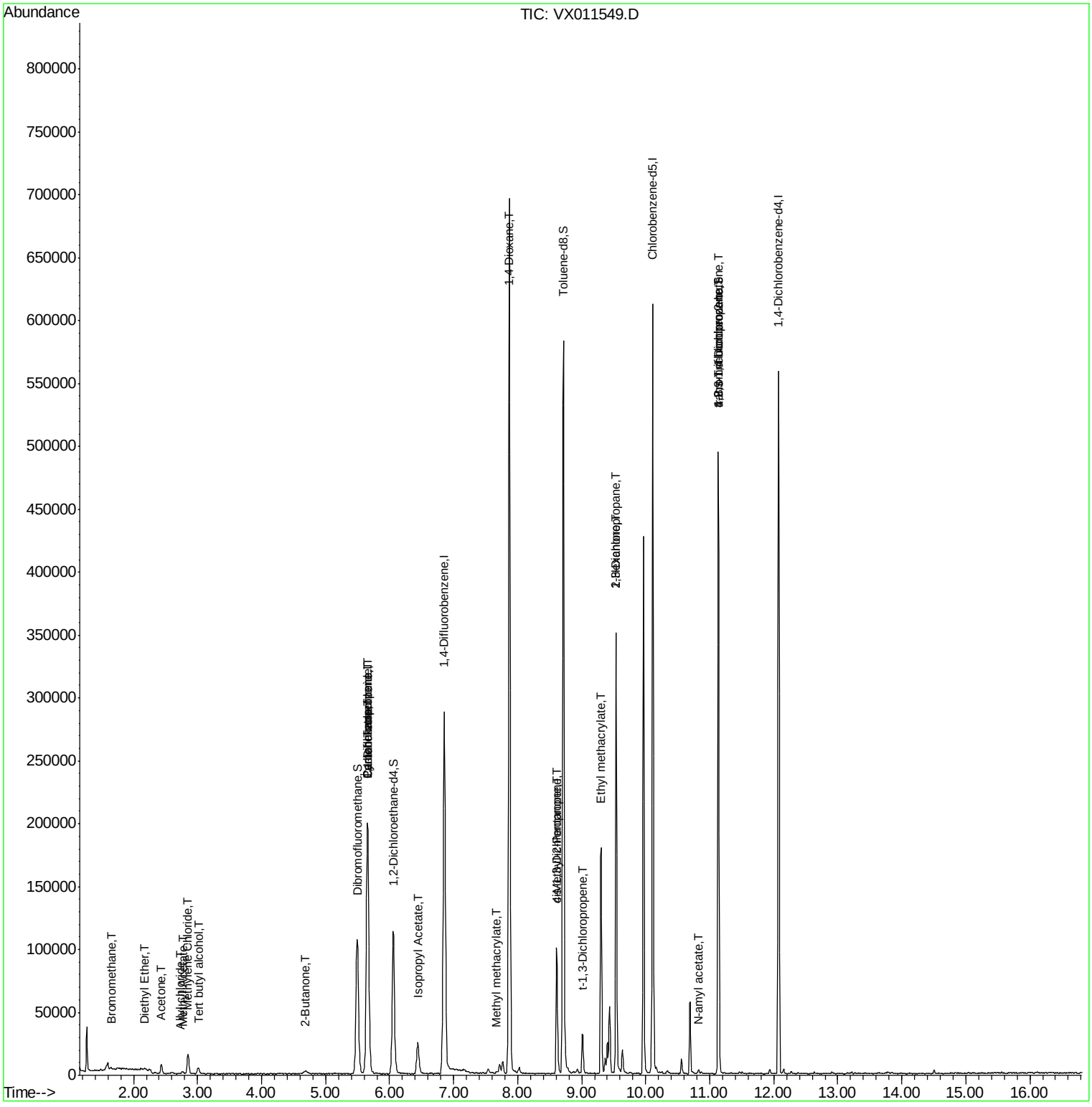
(#) = qualifier out of range (m) = manual integration (+) = signals summed

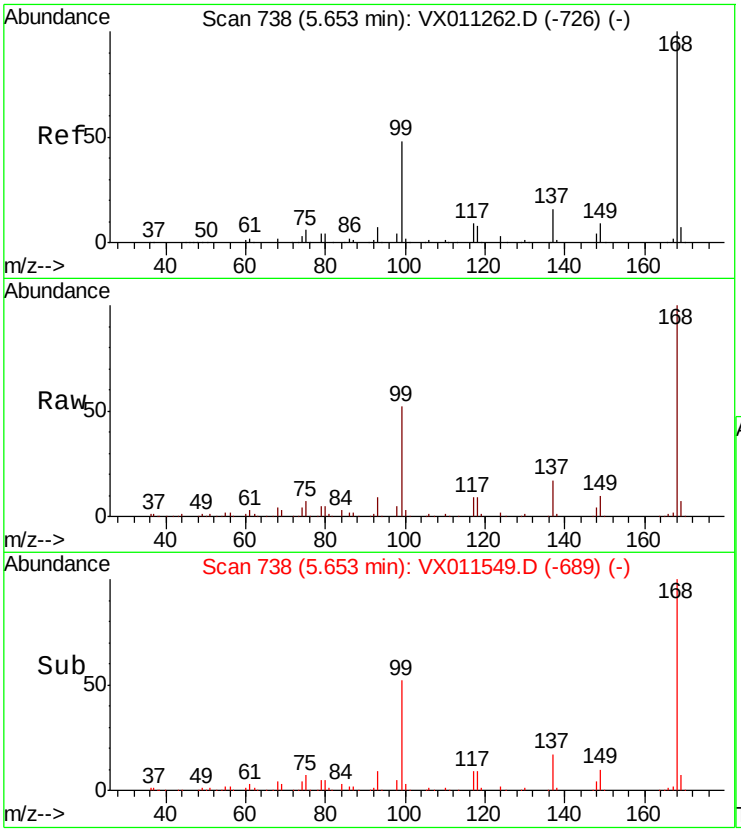
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011549.D
Acq On : 13 Aug 2019 20:22
Operator : JC/SP
Sample : K4266-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Quant Time: Aug 14 01:11:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



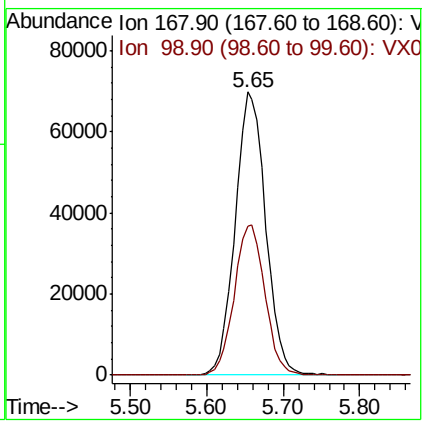


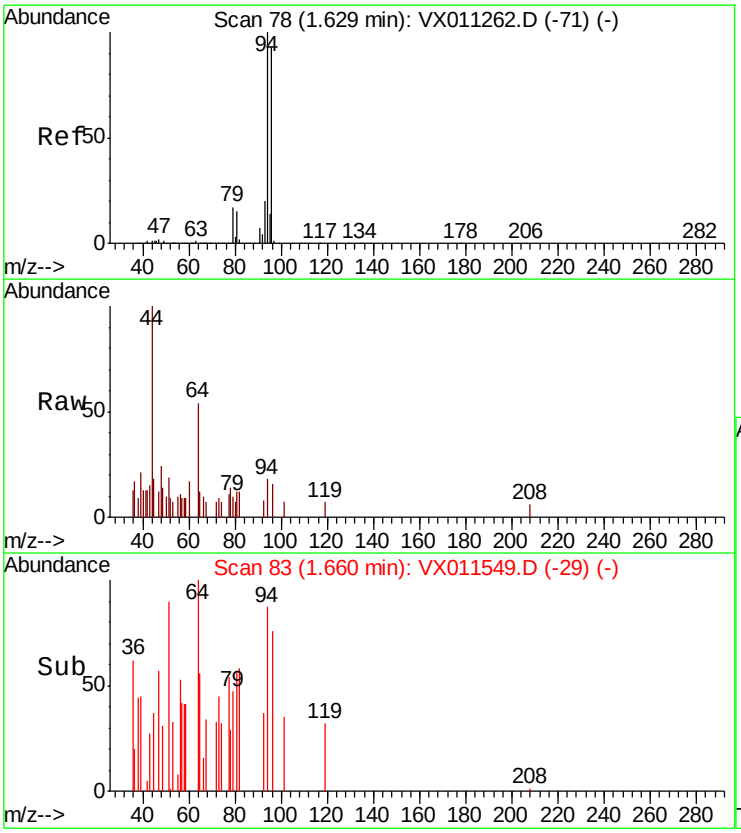
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion:168 Resp: 192996

Ion	Ratio	Lower	Upper
168	100		
99	52.5	38.5	57.7

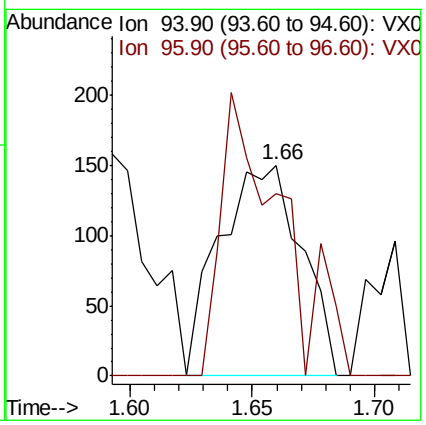


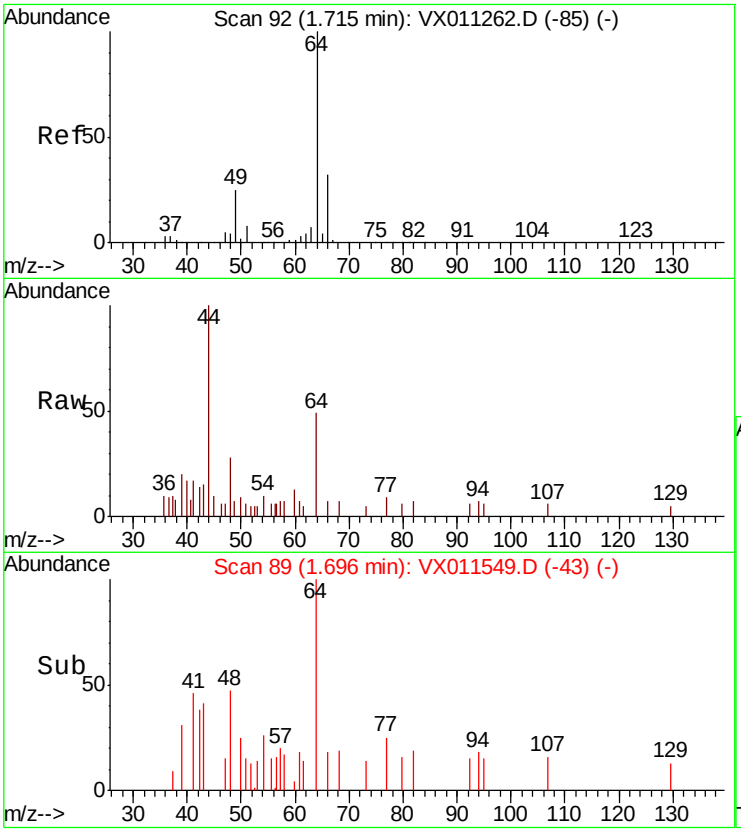


#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.66 min Scan# 83
Delta R.T. 0.03 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 94 Resp: 350

Ion	Ratio	Lower	Upper
94	100		
96	86.7	74.6	112.0



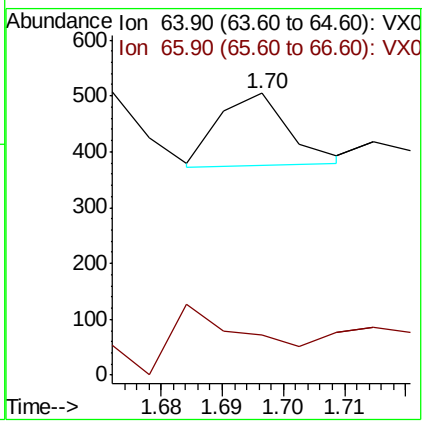


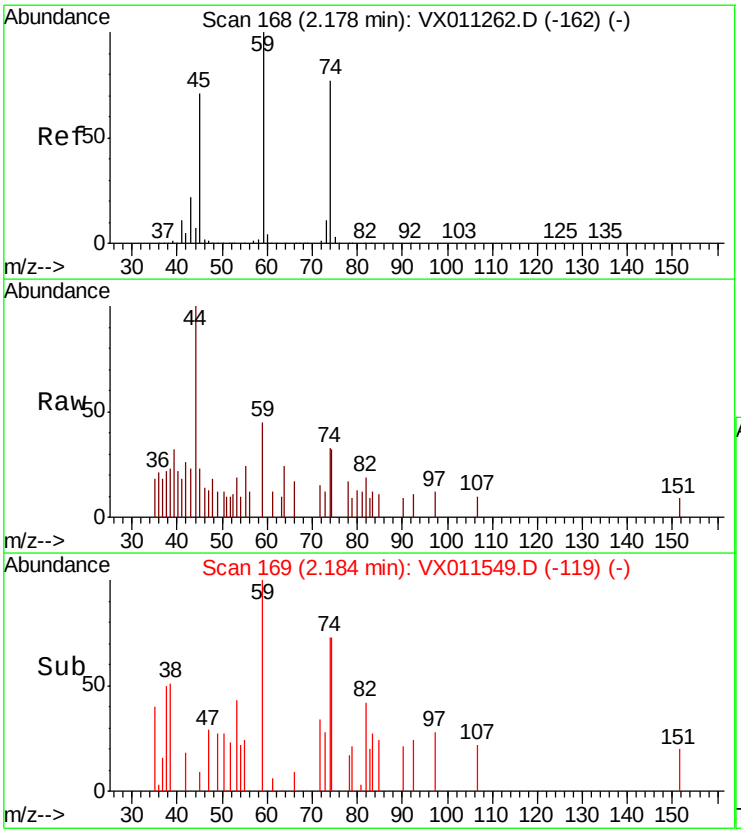
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 64 Resp: 103

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

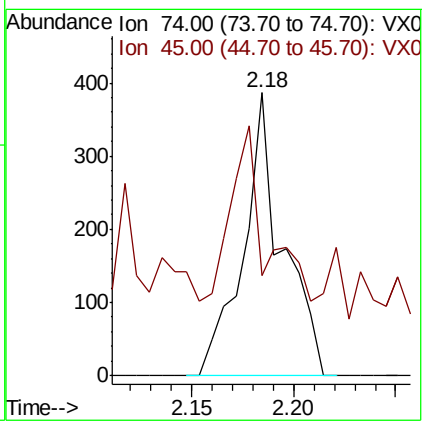


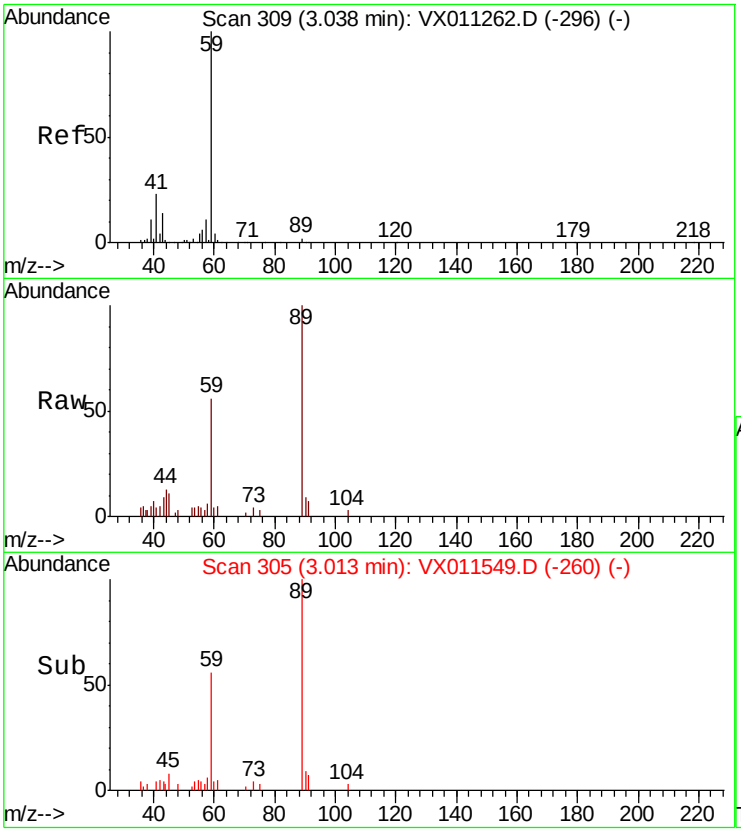


#8
Diethyl Ether
Concen: 0.439 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 74 Resp: 513

Ion	Ratio	Lower	Upper
74	100		
45	52.6	46.1	138.3



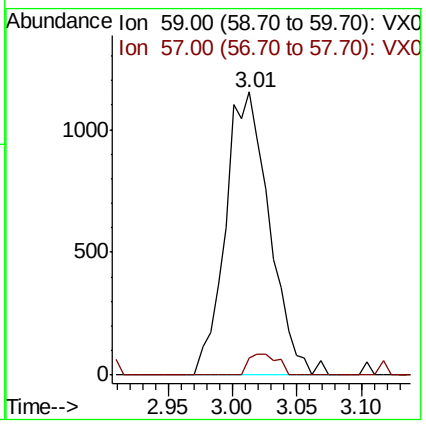


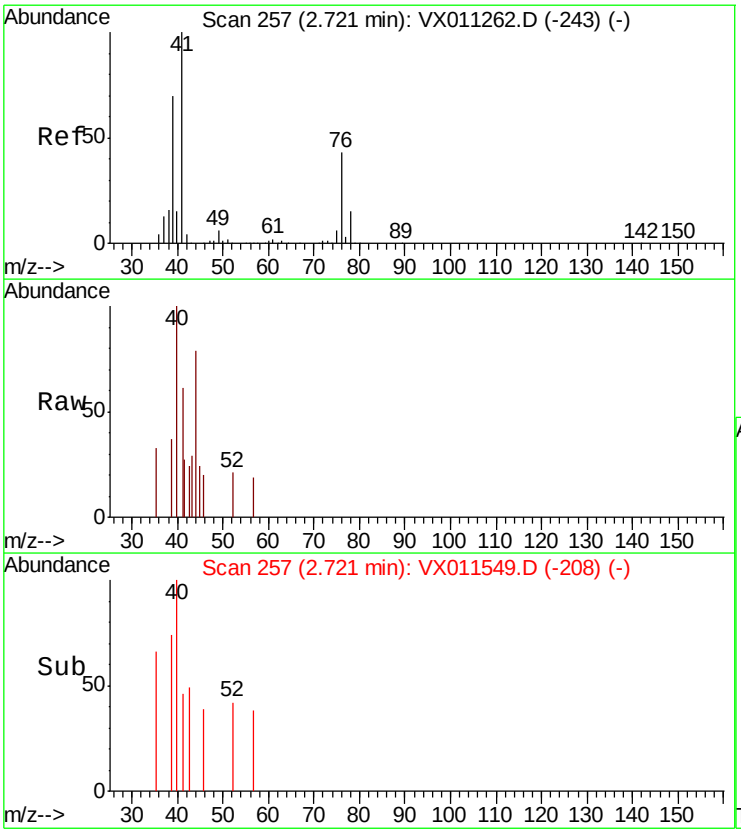
#11
Tert butyl alcohol
Concen: 7.110 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument : MSVOA_X
ClientSampleId : R1-R2-C2-(0)

Tgt Ion: 59 Resp: 2747

Ion	Ratio	Lower	Upper
59	100		
57	4.8	8.3	12.5#

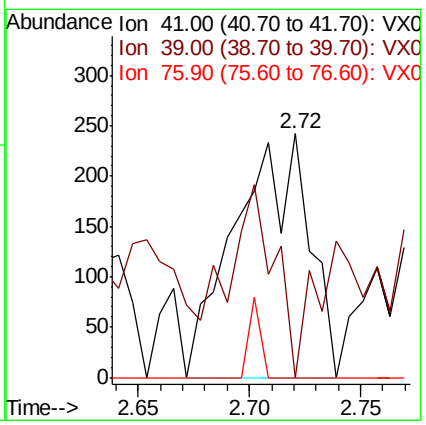


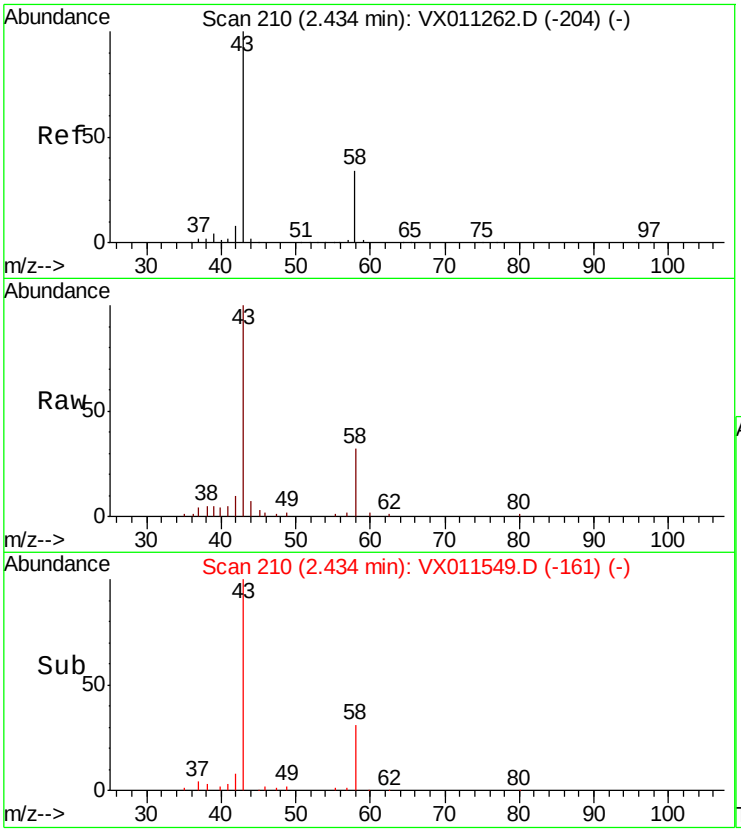


#14
Allyl chloride
Concen: 0.235 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 41 Resp: 550

Ion	Ratio	Lower	Upper
41	100		
39	33.3	52.8	79.2#
76	0.0	31.1	46.7#



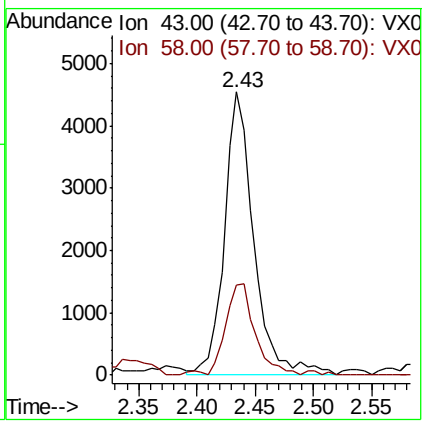


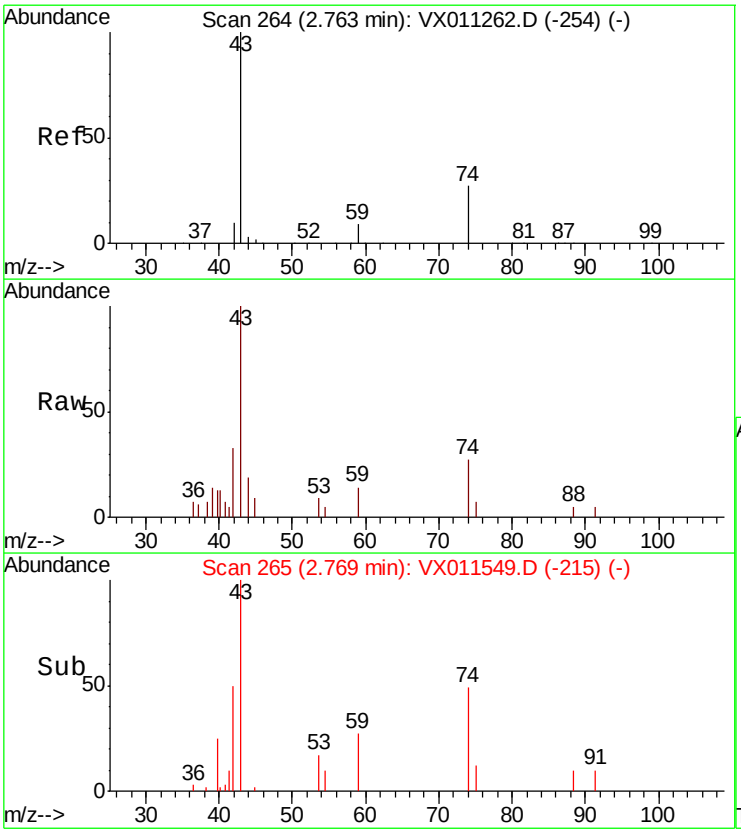
#16
Acetone
Concen: 8.624 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 43 Resp: 7978

Ion	Ratio	Lower	Upper
43	100		
58	32.0	27.4	41.0

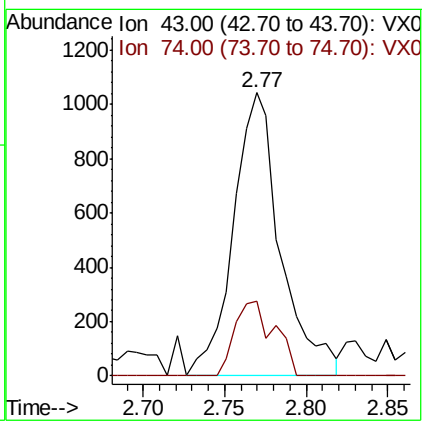


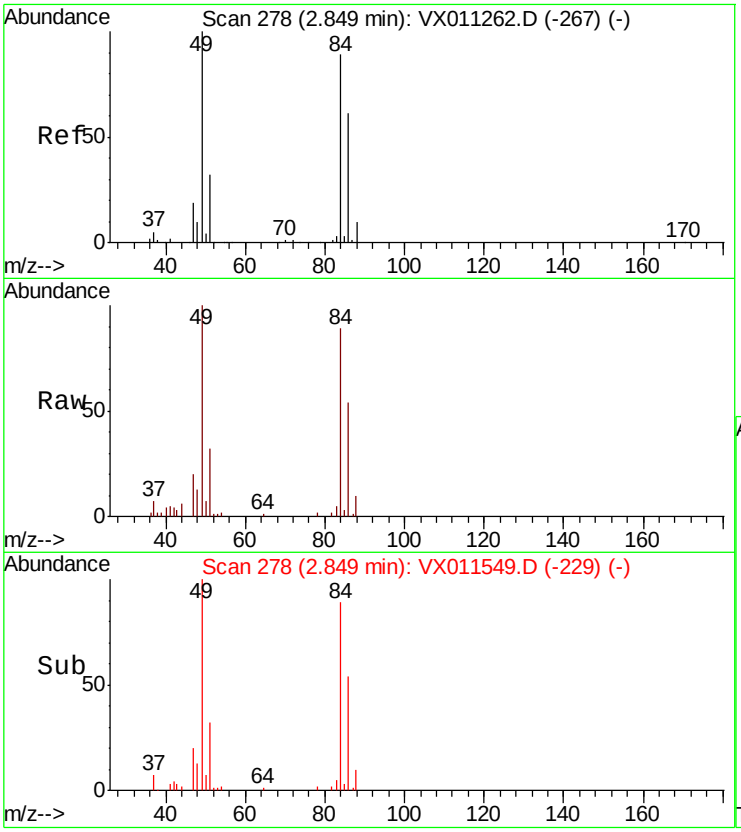


#18
Methyl Acetate
Concen: 0.995 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 43 Resp: 2103

Ion	Ratio	Lower	Upper
43	100		
74	22.1	21.0	31.6



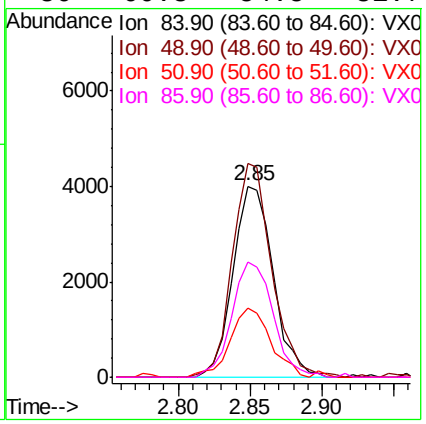


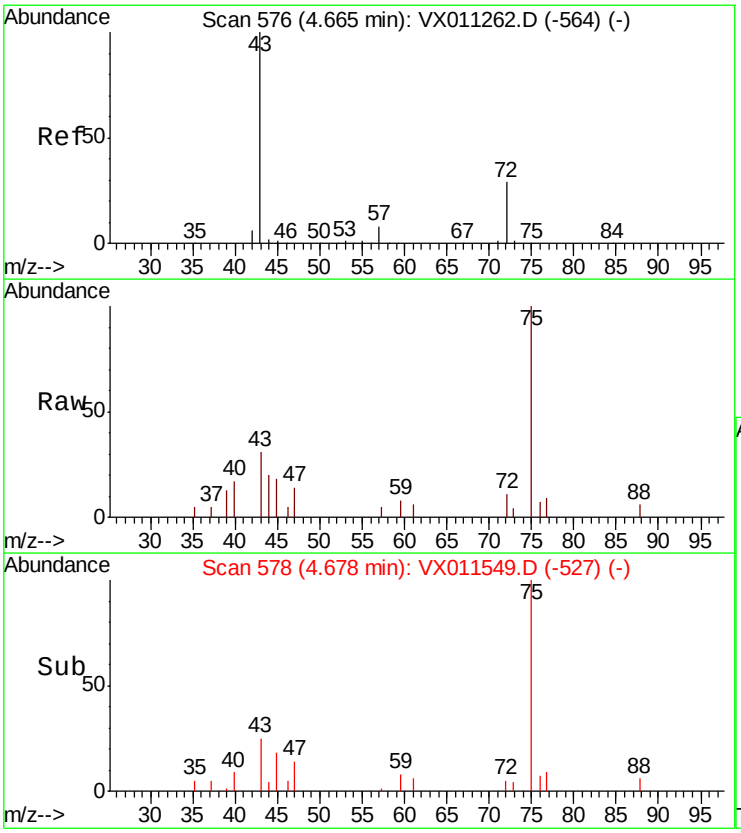
#20
Methylene Chloride
Concen: 3.834 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 84 Resp: 7768

Ion	Ratio	Lower	Upper
84	100		
49	111.9	89.3	133.9
51	36.4	28.3	42.5
86	60.3	54.5	81.7

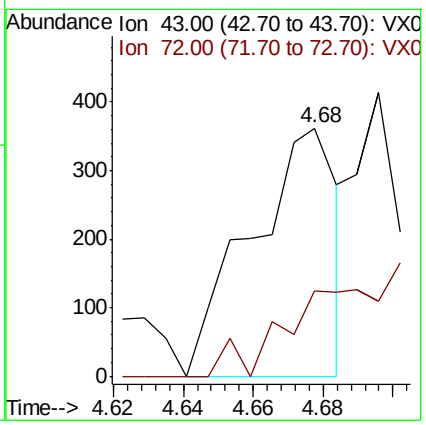


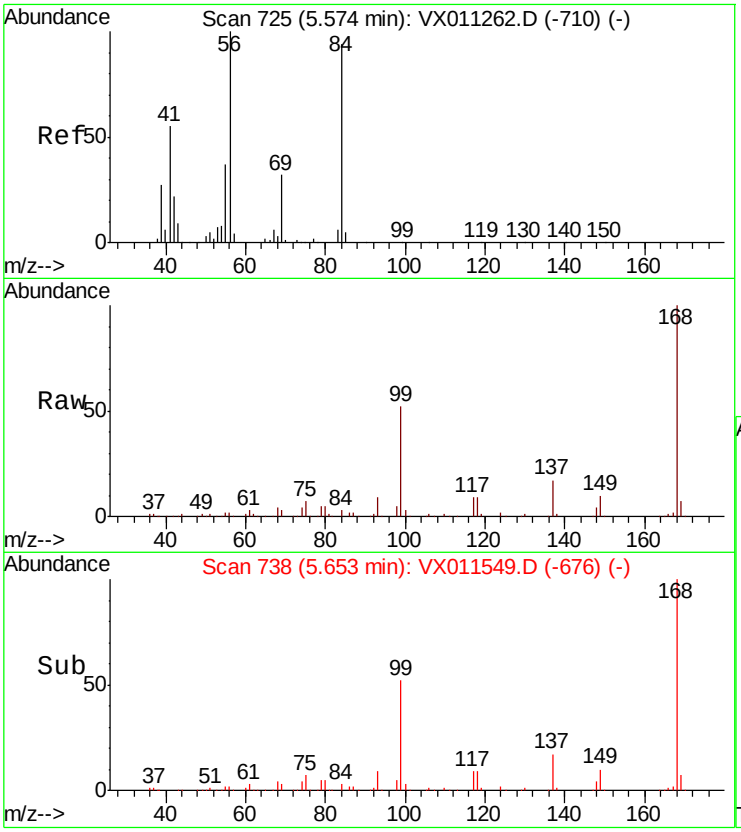


#25
2-Butanone
Concen: 0.470 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 43 Resp: 618

Ion	Ratio	Lower	Upper
43	100		
72	34.5	23.2	34.8



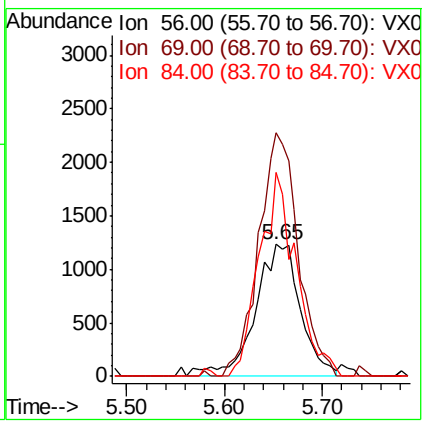


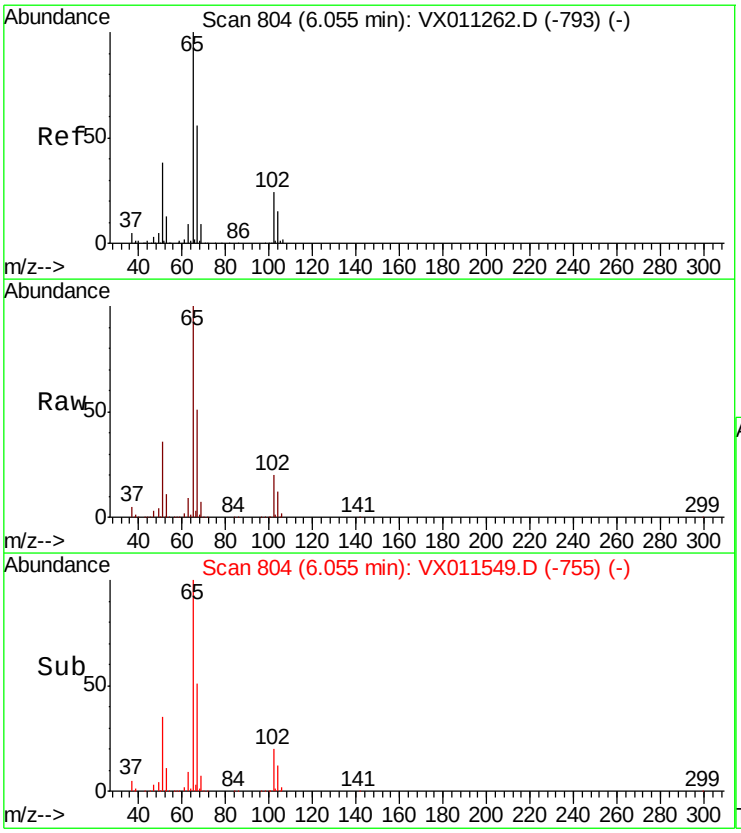
#31
Cyclohexane
Concen: 1.585 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 56 Resp: 3967

Ion	Ratio	Lower	Upper
56	100		
69	184.4	25.5	38.3#
84	154.7	75.0	112.4#

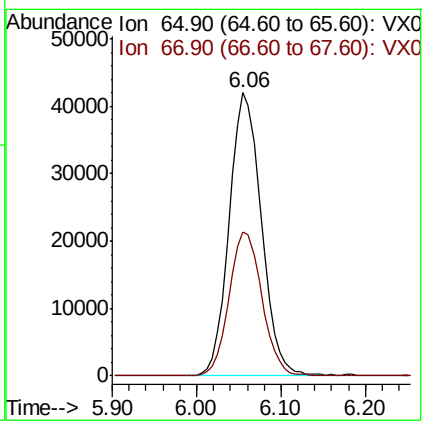


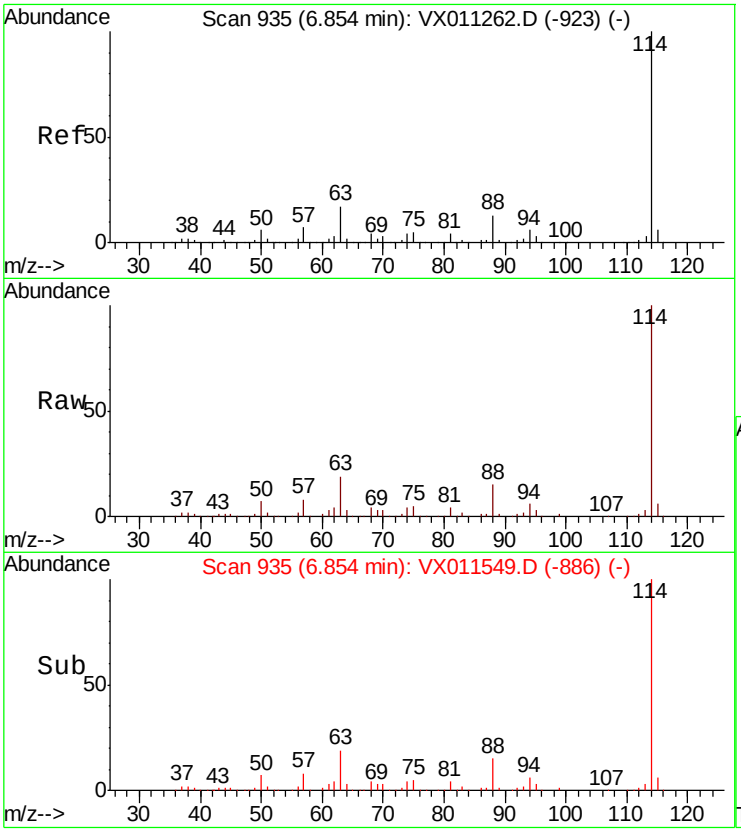


#33
1,2-Dichloroethane-d4
Concen: 55.791 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 65 Resp: 108433

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	110.6



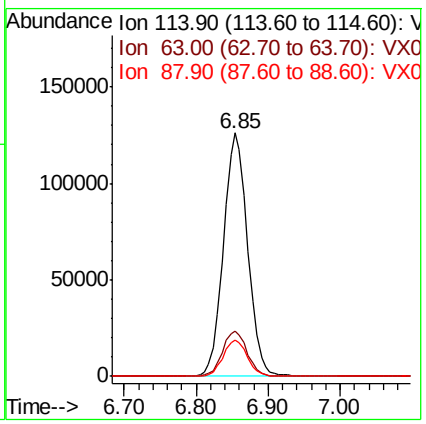


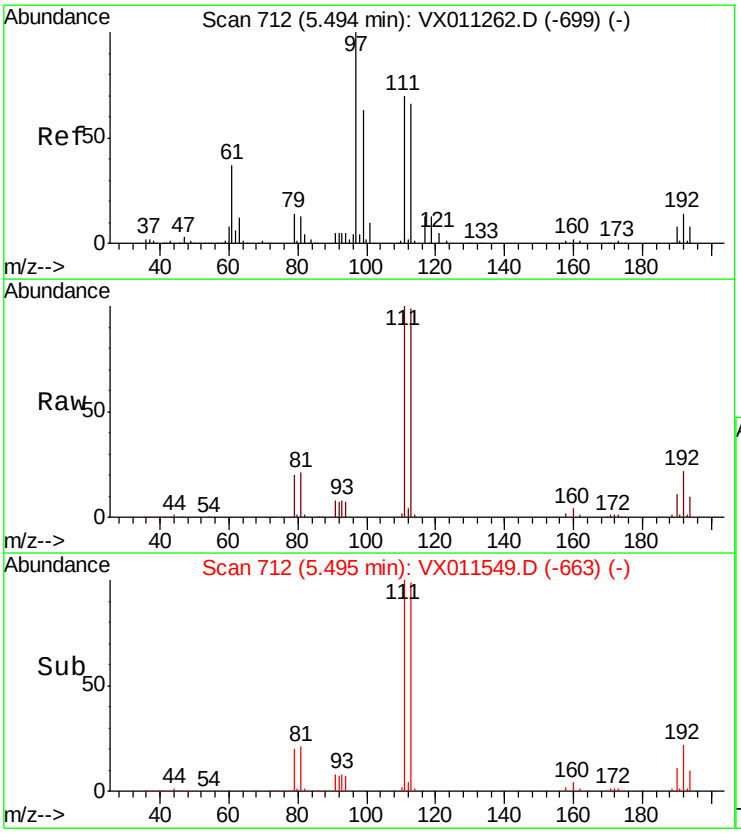
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion:114 Resp: 294352

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	34.0
88	14.8	0.0	26.4

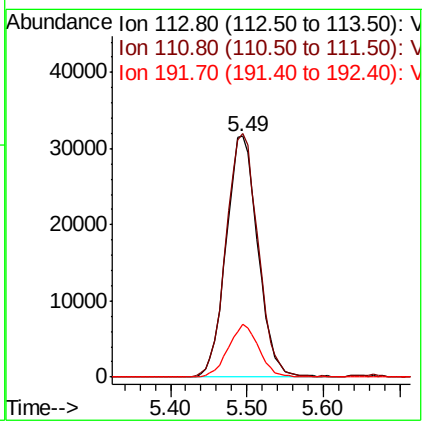


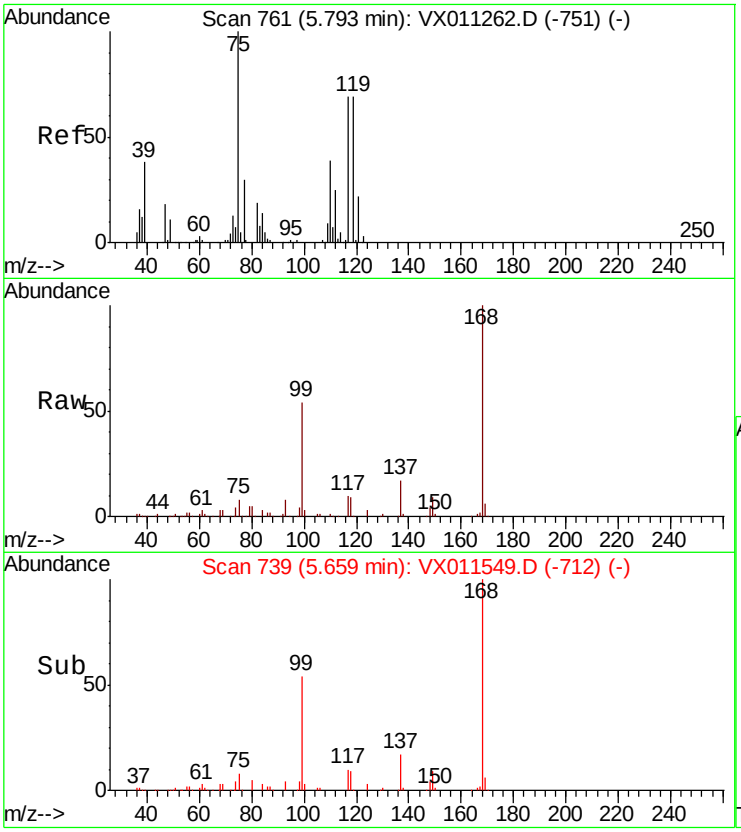


#35
Dibromofluoromethane
Concen: 47.154 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion:113 Resp: 90618

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	20.9	17.8	26.8



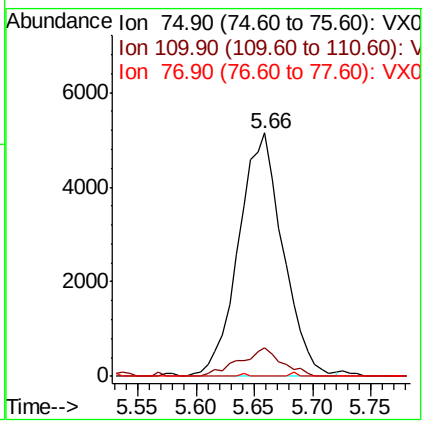


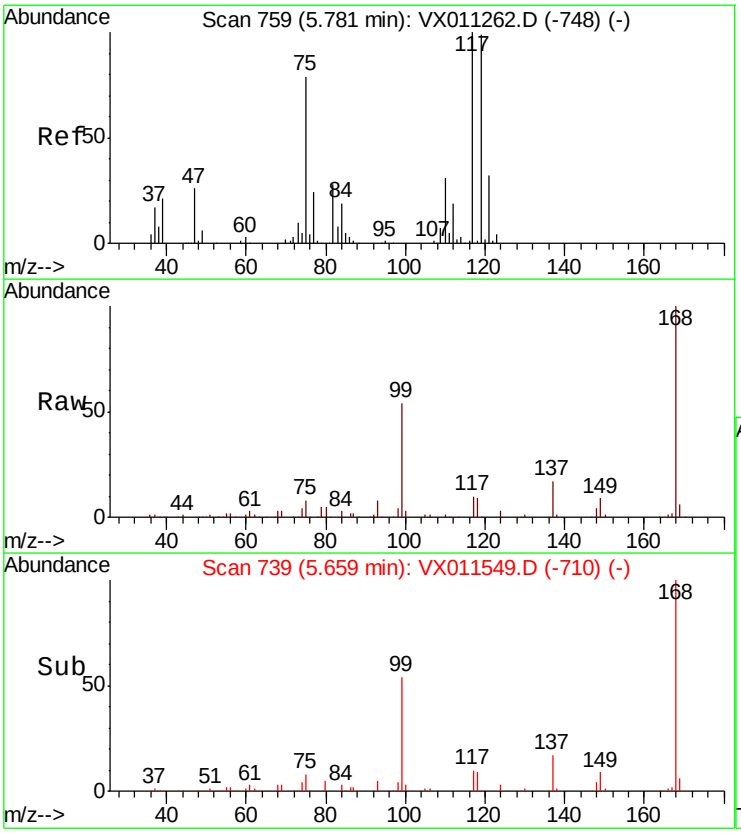
#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 75 Resp: 13613

Ion	Ratio	Lower	Upper
75	100		
110	11.2	20.0	59.9#
77	0.1	24.8	37.2#

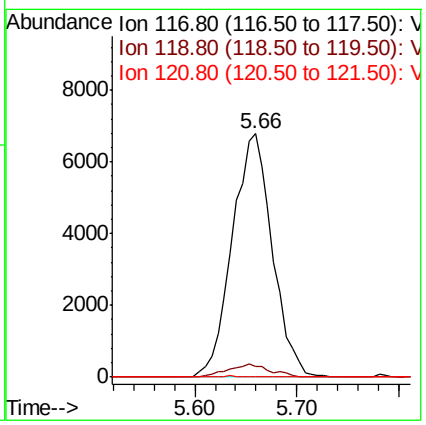


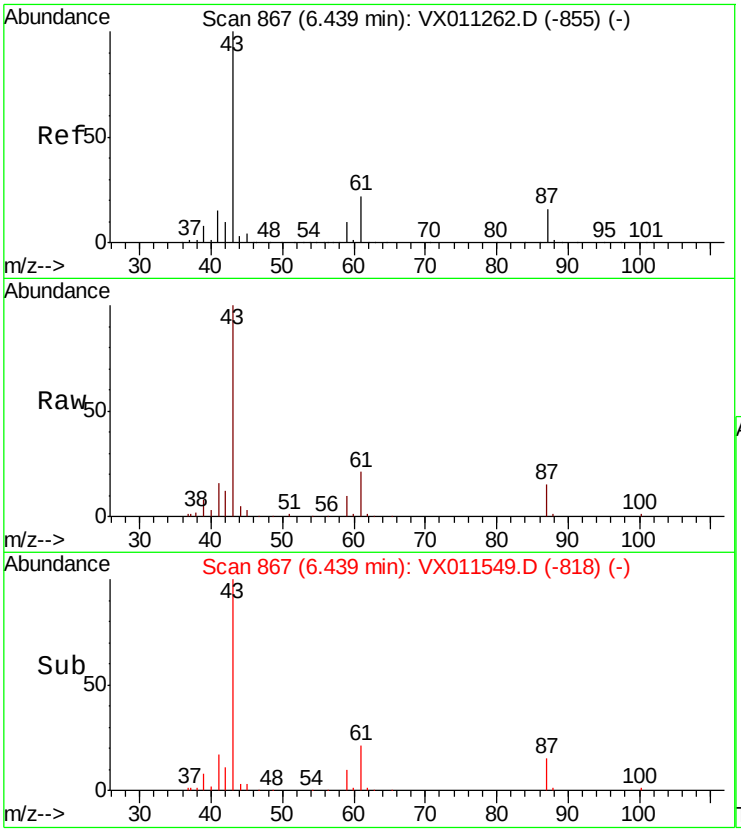


#38
Carbon Tetrachloride
Concen: 7.132 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion:117 Resp: 18440

Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.0	118.4#
121	0.0	25.9	38.9#



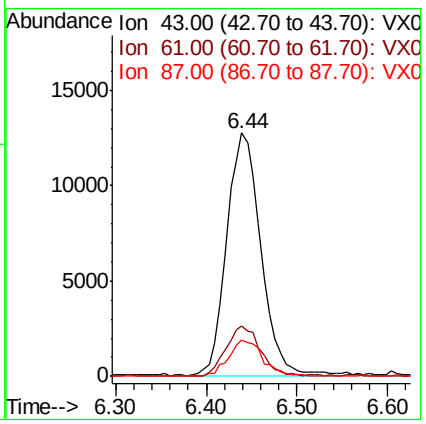


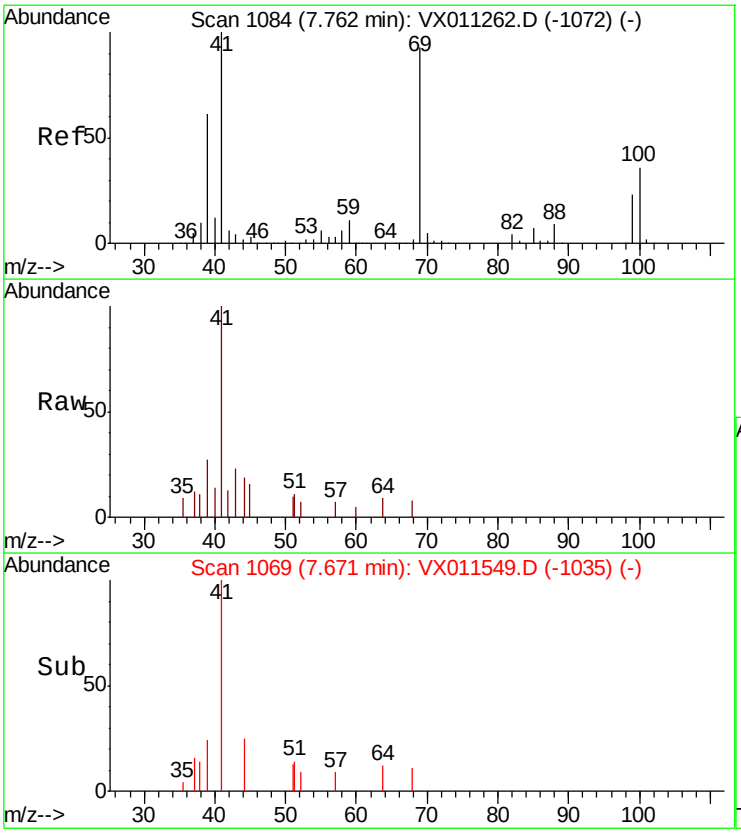
#43
Isopropyl Acetate
Concen: 8.161 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 43 Resp: 33633

Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.5	24.7
87	14.9	12.1	18.1

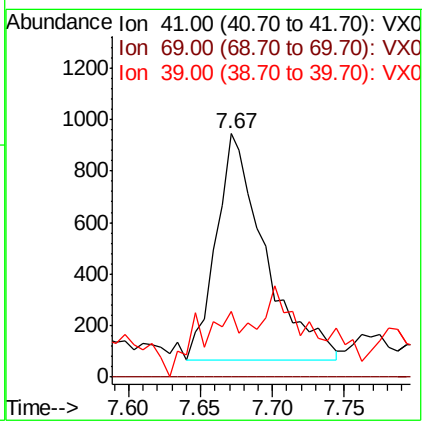


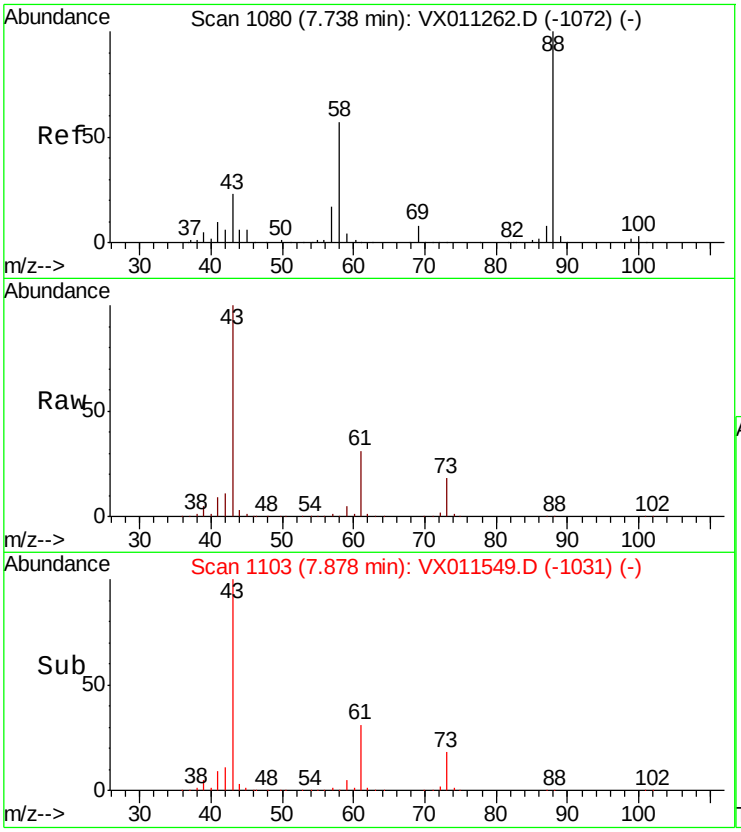


#48
Methyl methacrylate
Concen: 1.064 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 41 Resp: 2063

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.5	111.7#
39	0.0	48.6	72.8#



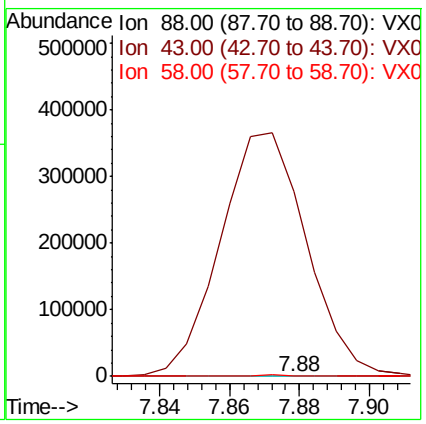


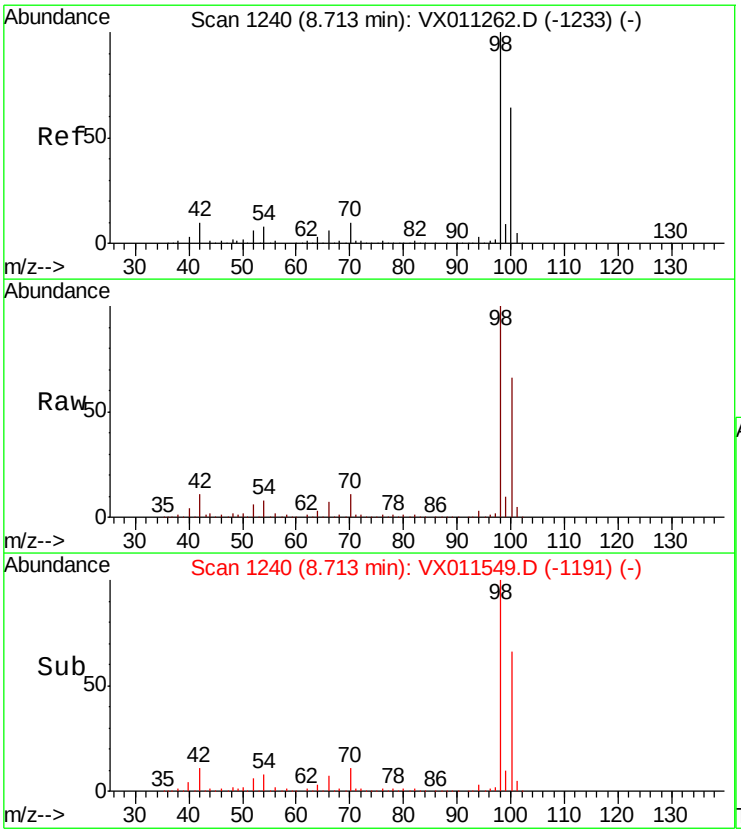
#49
1,4-Dioxane
Concen: 2.223 ug/l
RT: 7.88 min Scan# 1103
Delta R.T. 0.14 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	506589.6	22.2	33.2#
58	2429.6	47.8	71.8#

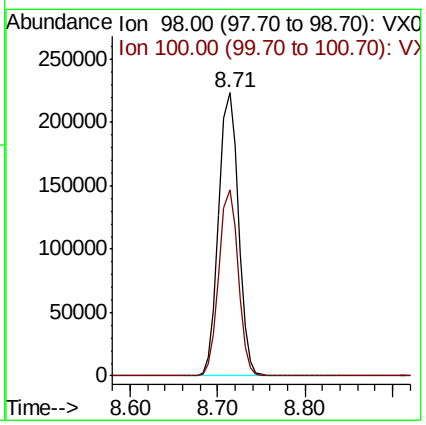


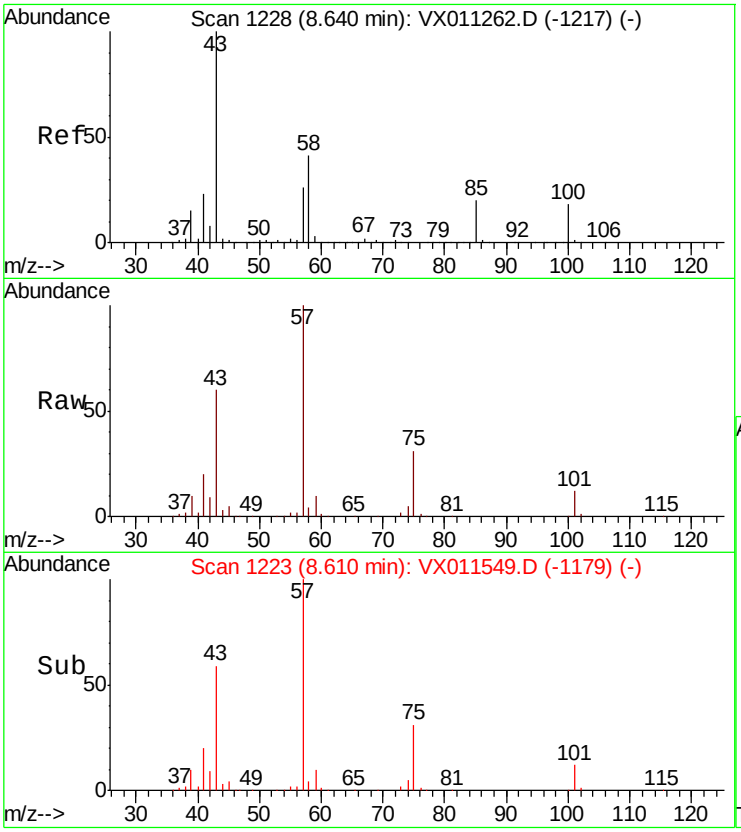


#50
Toluene-d8
Concen: 48.455 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 98 Resp: 351493

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5



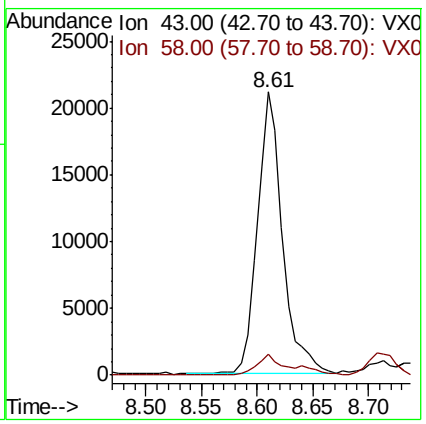


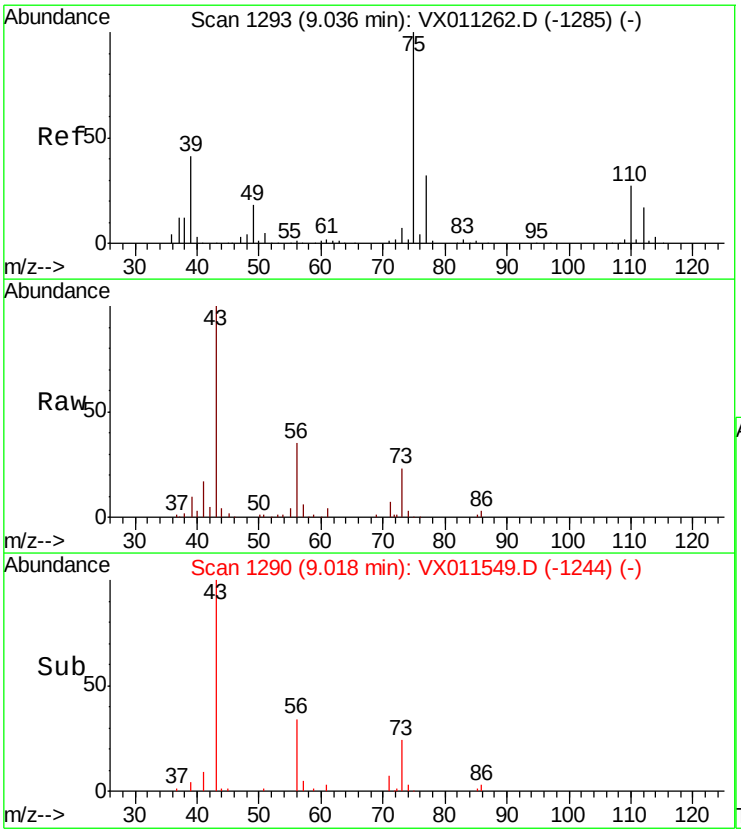
#51
4-Methyl-2-Pentanone
Concen: 12.566 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 43 Resp: 33422

Ion	Ratio	Lower	Upper
43	100		
58	9.6	32.3	48.5#

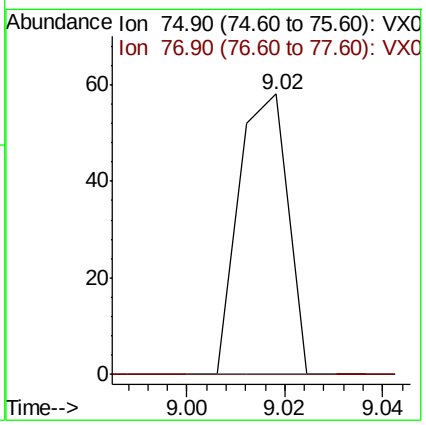


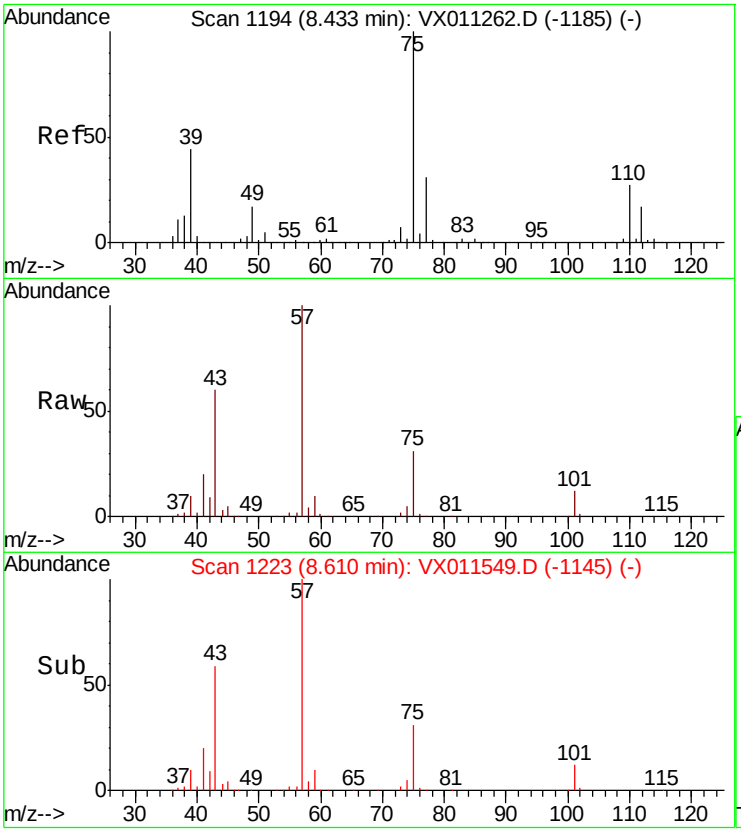


#53
t-1,3-Dichloropropene
Concen: 2.852 ug/l
RT: 9.02 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 75 Resp: 40

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



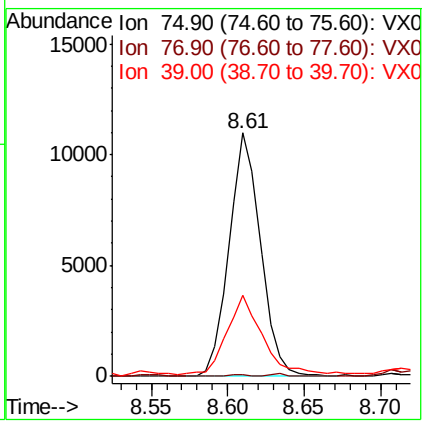


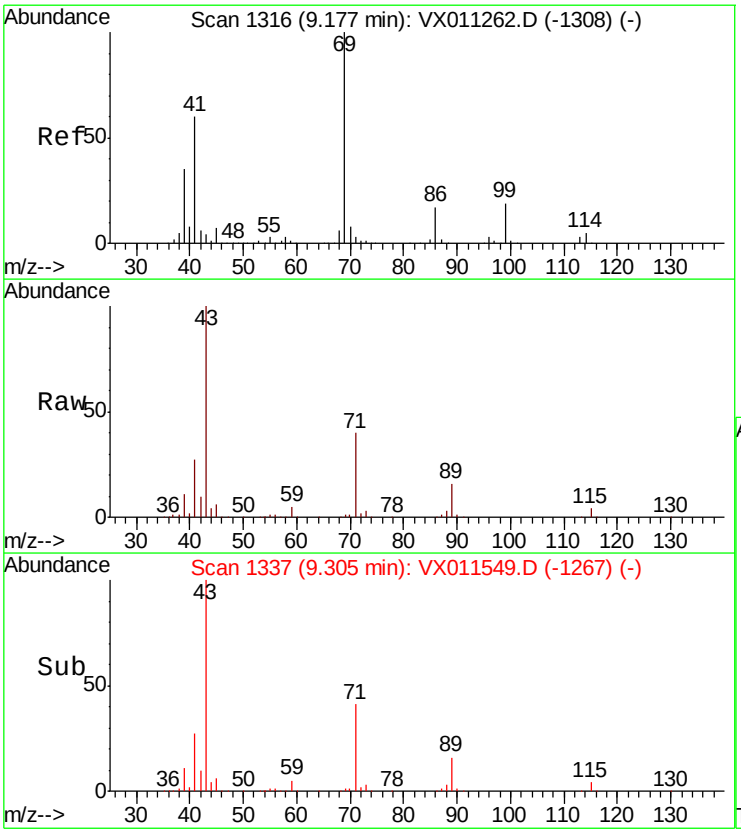
#54
cis-1,3-Dichloropropene
Concen: 5.456 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 75 Resp: 15644

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.0	37.6#
39	32.0	35.3	52.9#

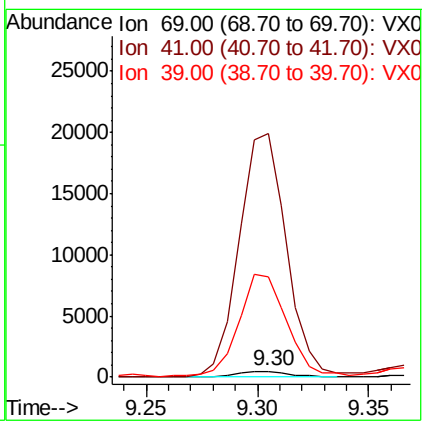


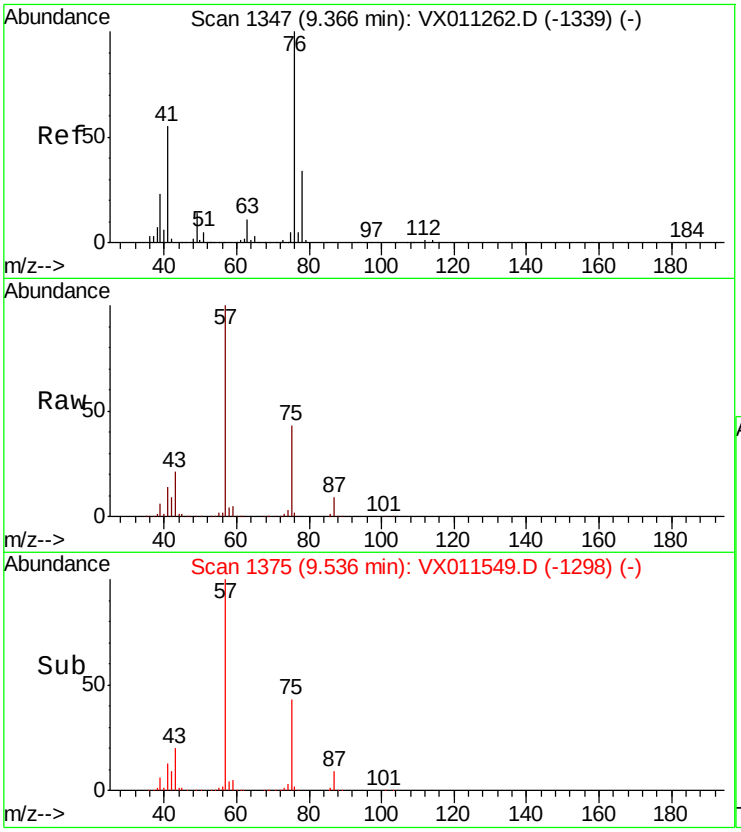


#56
Ethyl methacrylate
Concen: 0.253 ug/l
RT: 9.30 min Scan# 1337
Delta R.T. 0.13 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 69 Resp: 753

Ion	Ratio	Lower	Upper
69	100		
41	3892.7	48.6	73.0#
39	1639.8	29.4	44.2#



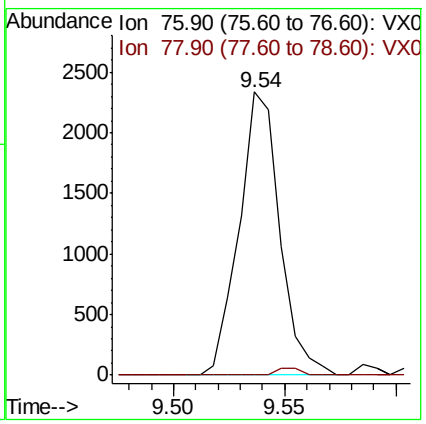


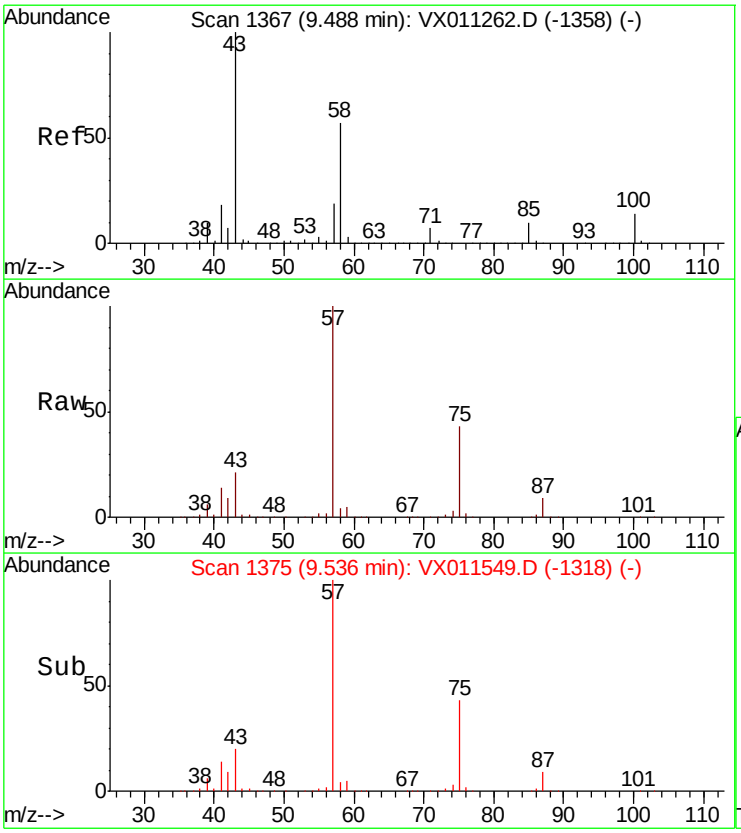
#57
1,3-Dichloropropane
Concen: 0.904 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument : MSVOA_X
ClientSampleId : R1-R2-C2-(0)

Tgt Ion: 76 Resp: 2979

Ion	Ratio	Lower	Upper
76	100		
78	1.3	26.6	40.0#

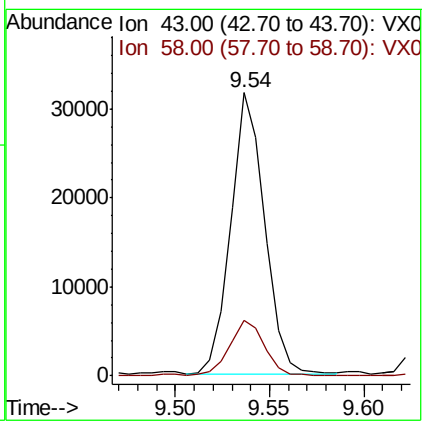


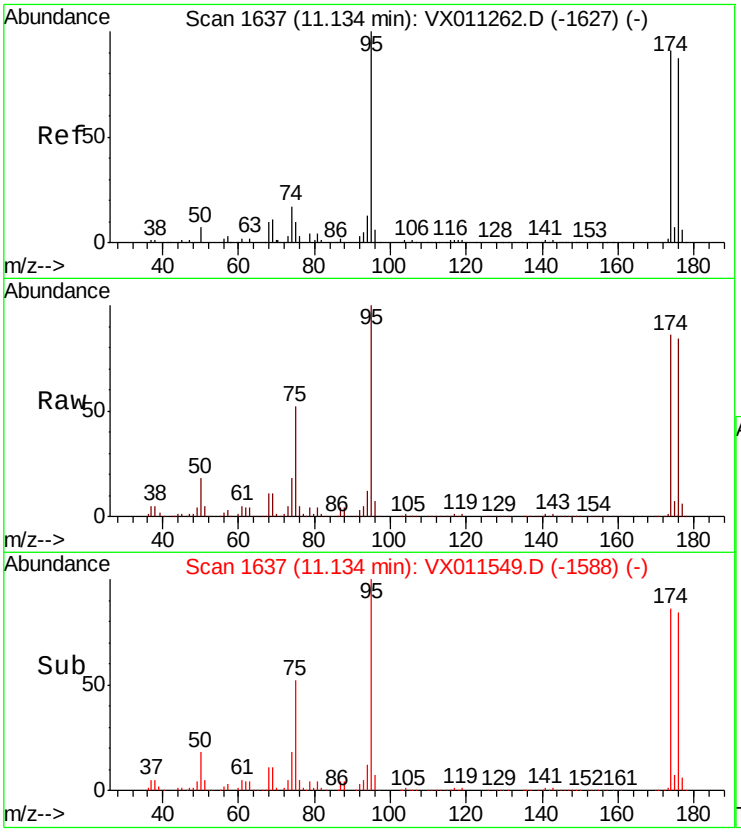


#59
2-Hexanone
Concen: 19.219 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 43 Resp: 39594

Ion	Ratio	Lower	Upper
43	100		
58	21.0	28.2	84.6#



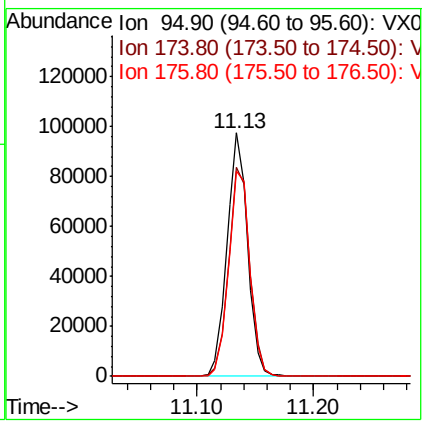


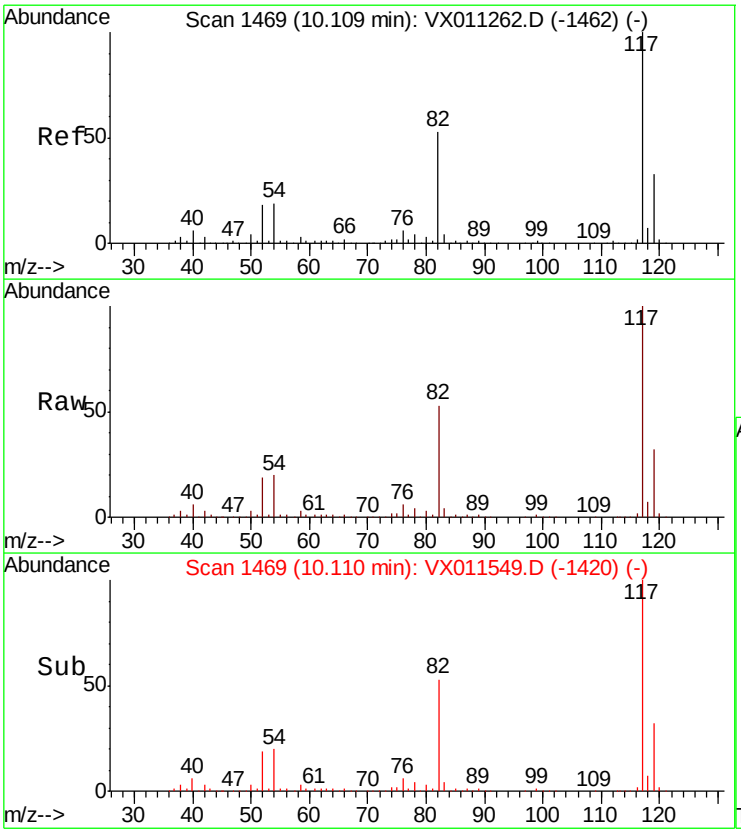
#62
4-Bromofluorobenzene
Concen: 46.091 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 95 Resp: 119370

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	191.2
176	87.6	0.0	184.8

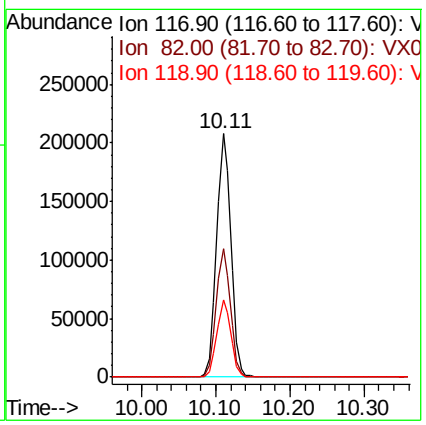


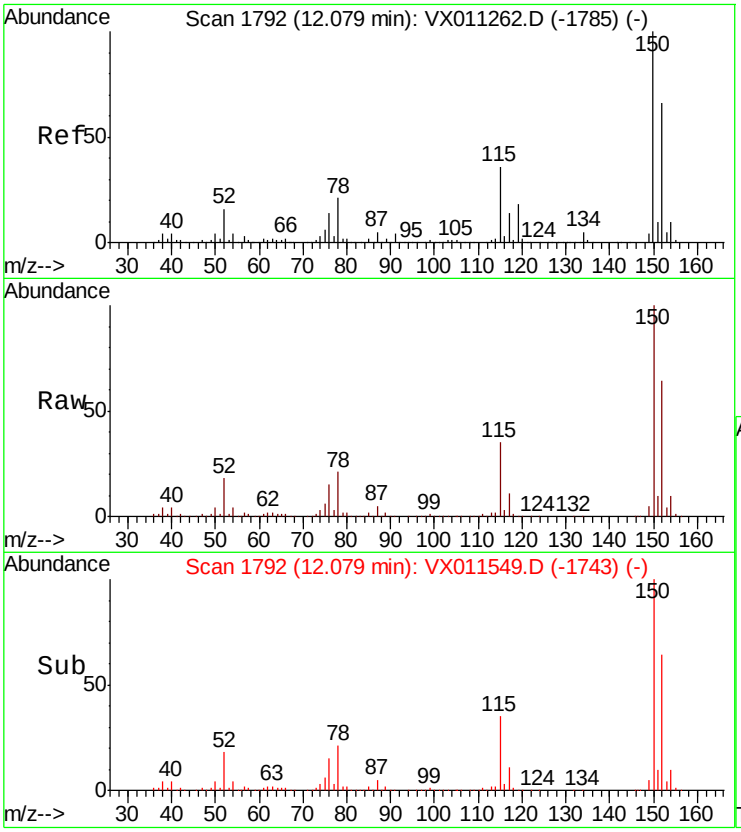


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion:117 Resp: 274808

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.2
119	31.5	26.6	39.8



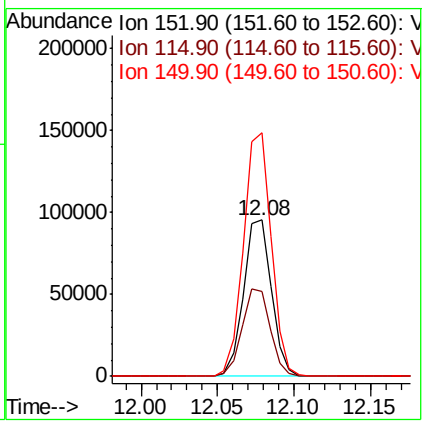


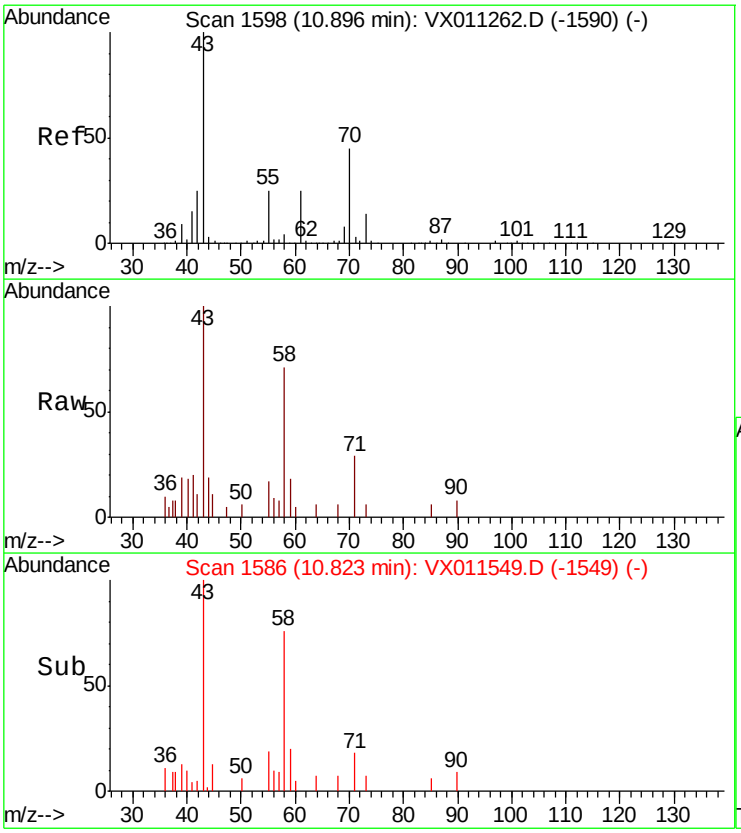
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument : MSVOA_X
ClientSampleId : R1-R2-C2-(0)

Tgt Ion:152 Resp: 120914

Ion	Ratio	Lower	Upper
152	100		
115	56.7	40.0	119.9
150	155.8	0.0	350.4

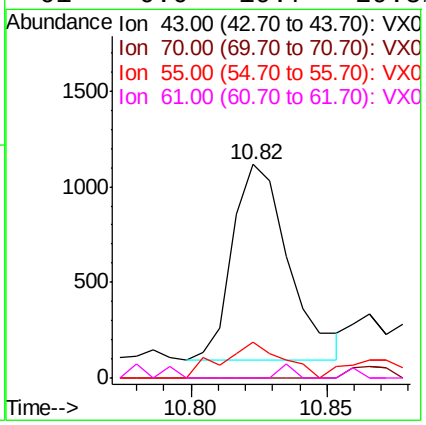


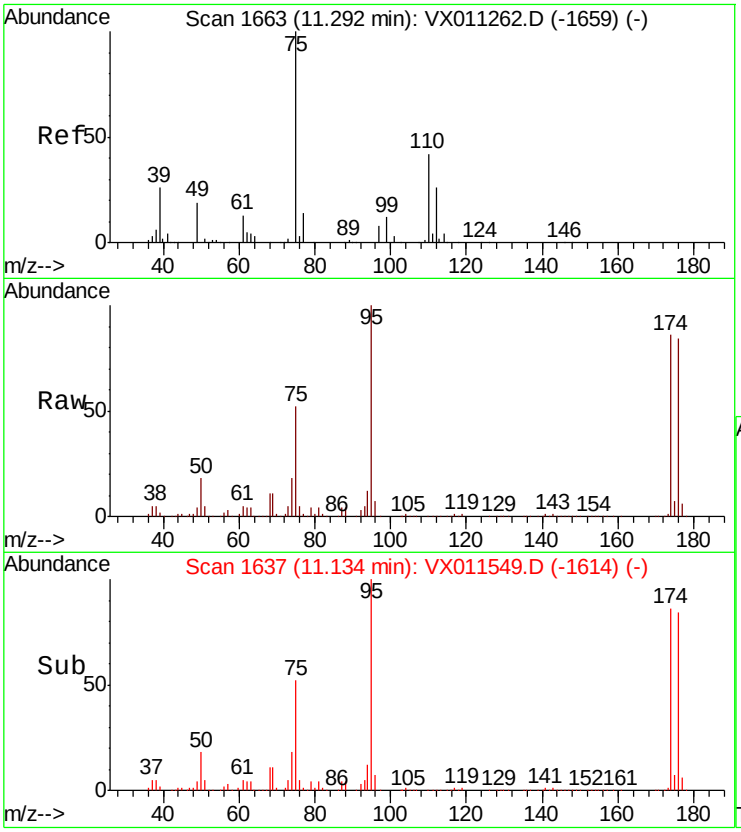


#74
N-amyl acetate
Concen: 0.494 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 43 Resp: 1476

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.9	53.9#
55	19.3	19.8	29.6#
61	0.0	19.7	29.5#



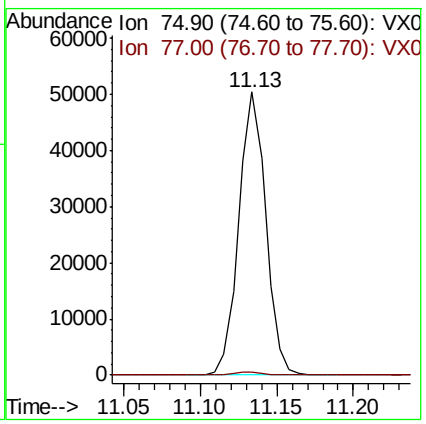


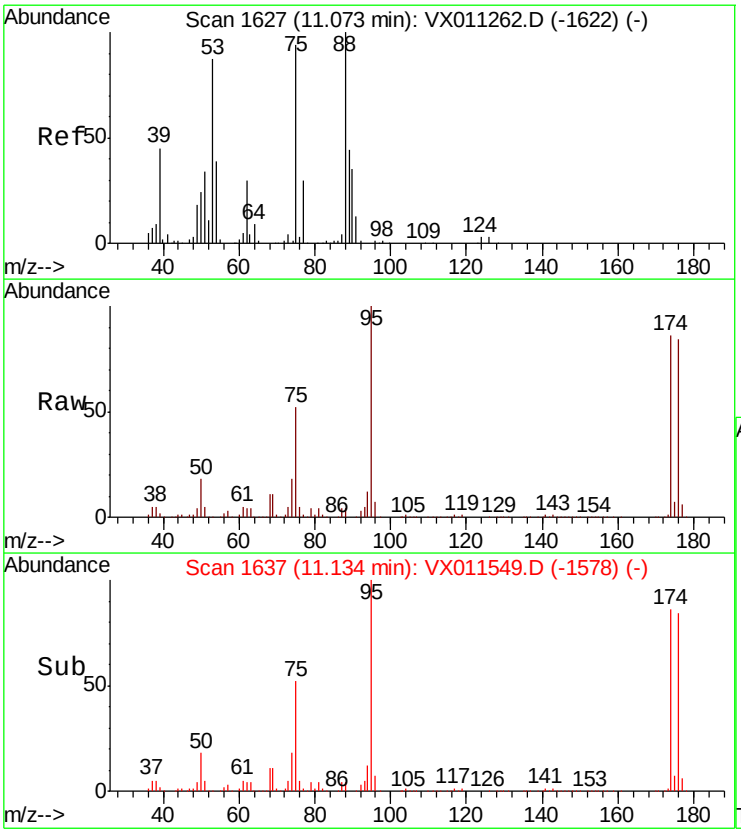
#76
1,2,3-Trichloropropane
Concen: 27.994 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-C2-(0)

Tgt Ion: 75 Resp: 61643

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.511 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011549.D
Acq: 13 Aug 2019 20:22

Tgt Ion: 75 Resp: 61643

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.4#
89	0.0	37.9	56.9#