Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011507.D
Acq On : 13 Aug 2019 01:13
Operator : JC/SP
Sample : K4230-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : REACTOR-3A-(3)

Quant Time: Aug 13 07:47:00 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	5.66	168	184278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	101318	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.20%			
35) Dibromofluoromethane	5.49	113	86383	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
50) Toluene-d8	8.71	98	334287	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
62) 4-Bromofluorobenzene	11.13	95	108420	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.94%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	434	0.272	ug/l	90
5) Bromomethane	1.67	94	537	0.428	ug/l #	62
6) Chloroethane	1.72	64	200	Below Cal	#	43
8) Diethyl Ether	2.18	74	649	0.581	ug/l	56
11) Tert butyl alcohol	3.01	59	1519	4.127	ug/l #	76
13) Acrolein	2.27	56	184	0.378	ug/l #	1
16) Acetone	2.43	43	4014	4.544	ug/l	96
18) Methyl Acetate	2.78	43	1964	0.973	ug/l	90
20) Methylene Chloride	2.85	84	2831	1.463	ug/l	90
25) 2-Butanone	4.69	43	1126	0.896	ug/l	95
31) Cyclohexane	5.65	56	3703	1.549	ug/l #	42
36) 1,1-Dichloropropene	5.65	75	12996	5.372	ug/l #	48
38) Carbon Tetrachloride	5.65	117	17772	7.302	ug/l #	15
43) Isopropyl Acetate	6.44	43	19760	5.093	ug/l	99
48) Methyl methacrylate	7.68	41	1552	0.850	ug/l #	11
49) 1,4-Dioxane	7.87	88	86	1.625	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	19559	7.812	ug/l #	52
53) t-1,3-Dichloropropene	9.04	75	73	2.864	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	8840	3.275	ug/l #	69
57) 1,3-Dichloropropane	9.54	76	1885	0.607	ug/l #	41
59) 2-Hexanone	9.54	43	22532	11.618	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	54819	27.139	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	54819	70.433	ug/l #	10

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011507.D
Acq On : 13 Aug 2019 01:13
Operator : JC/SP
Sample : K4230-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Quant Time: Aug 13 07:47:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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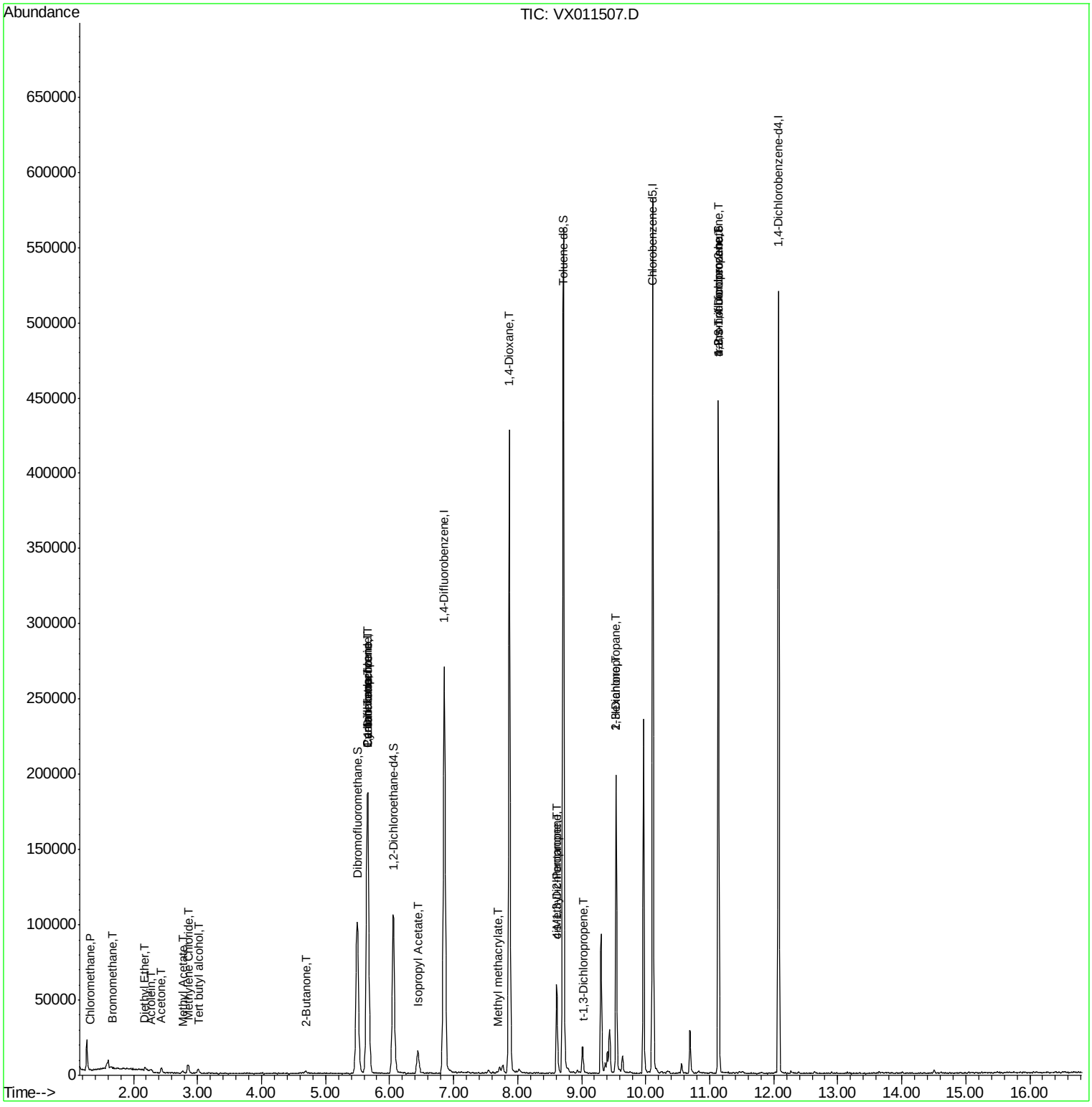
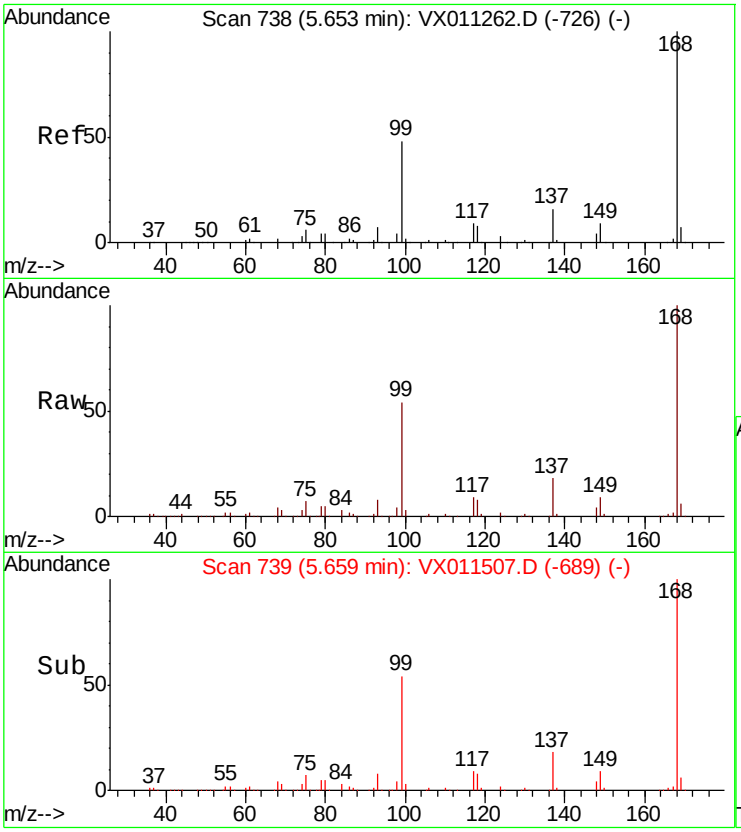


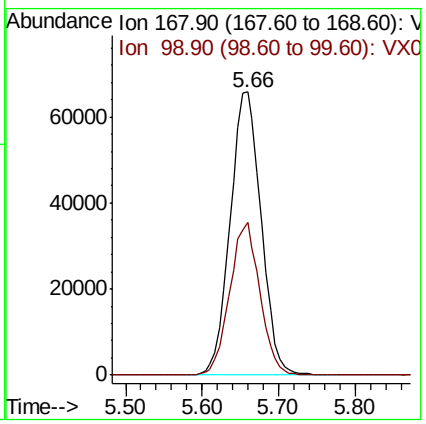


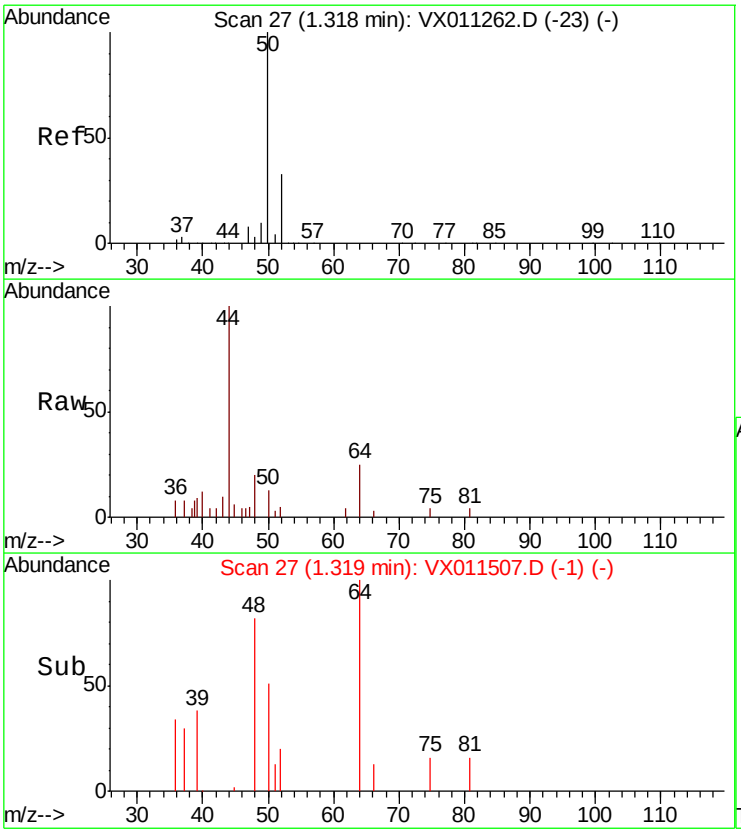
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion:168 Resp: 184278

Ion	Ratio	Lower	Upper
168	100		
99	53.8	38.5	57.7

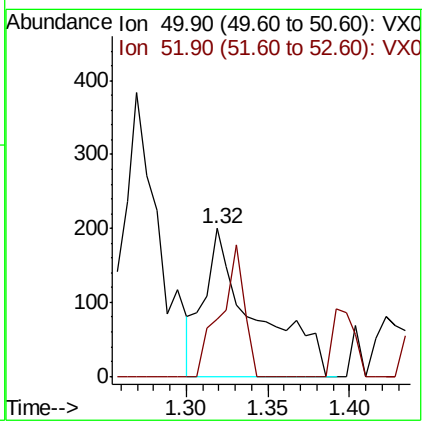


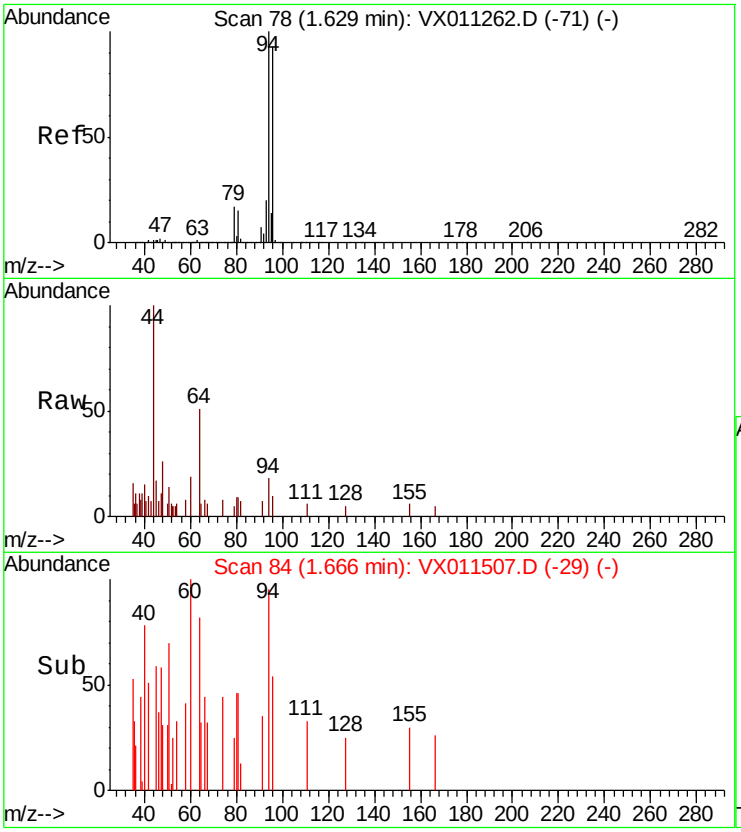


#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 50 Resp: 434

Ion	Ratio	Lower	Upper
50	100		
52	38.5	26.4	39.6



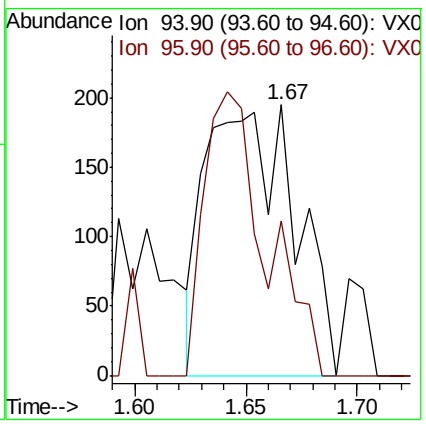


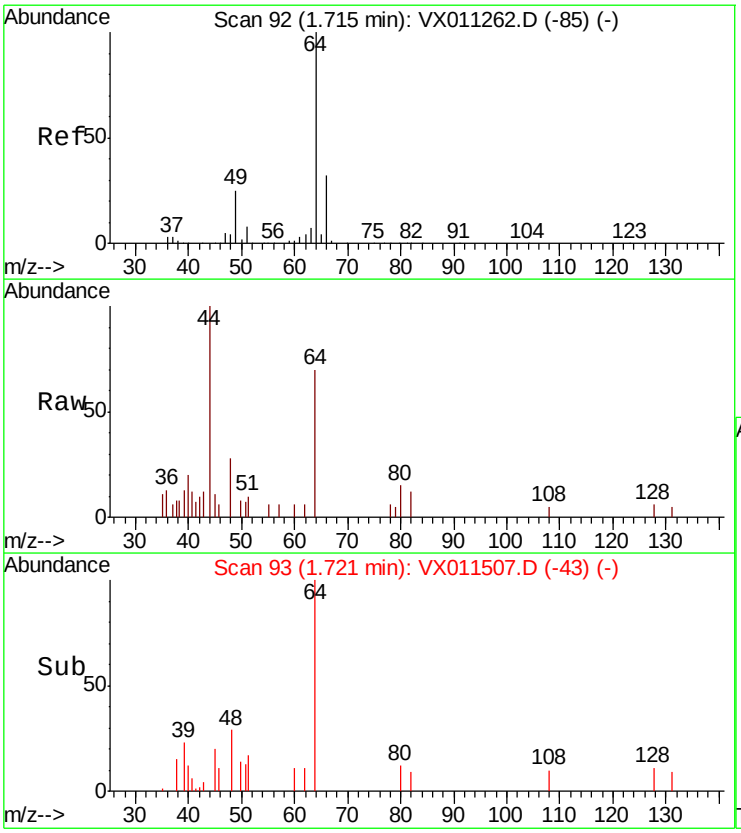
#5
Bromomethane
Concen: 0.428 ug/l
RT: 1.67 min Scan# 84
Delta R.T. 0.04 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 94 Resp: 537

Ion	Ratio	Lower	Upper
94	100		
96	56.9	74.6	112.0#

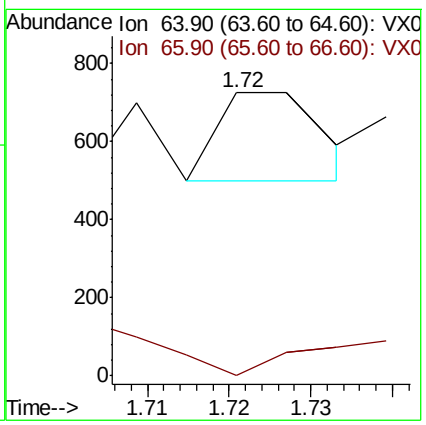


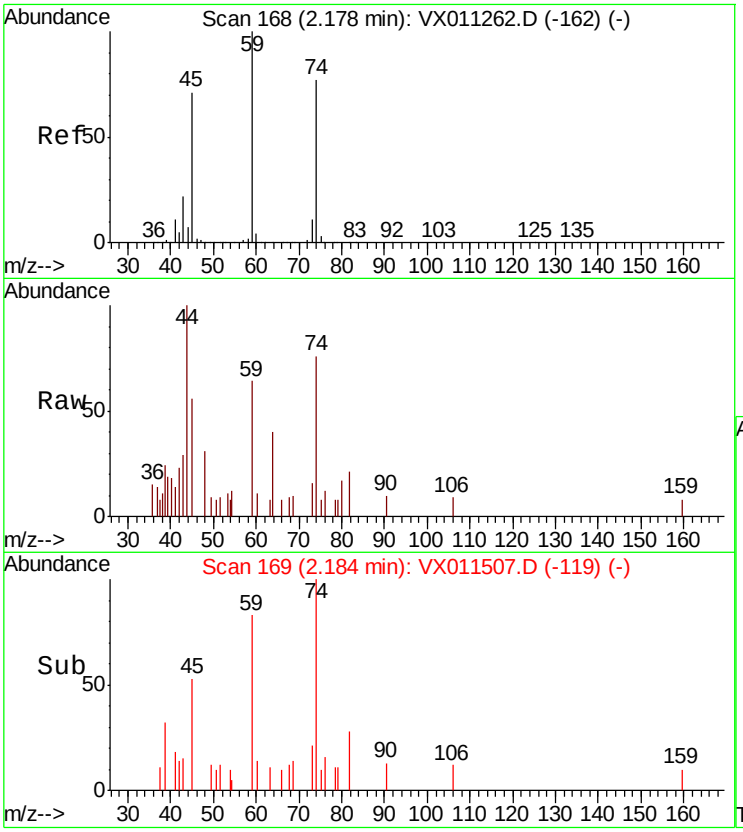


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 64 Resp: 200

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



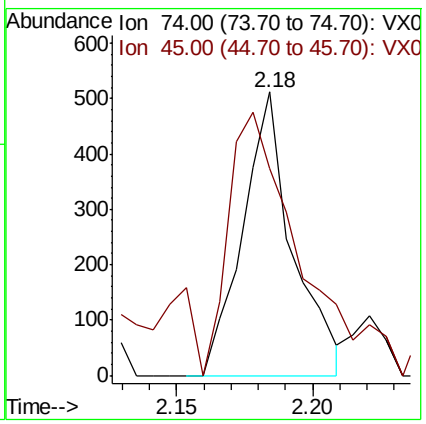


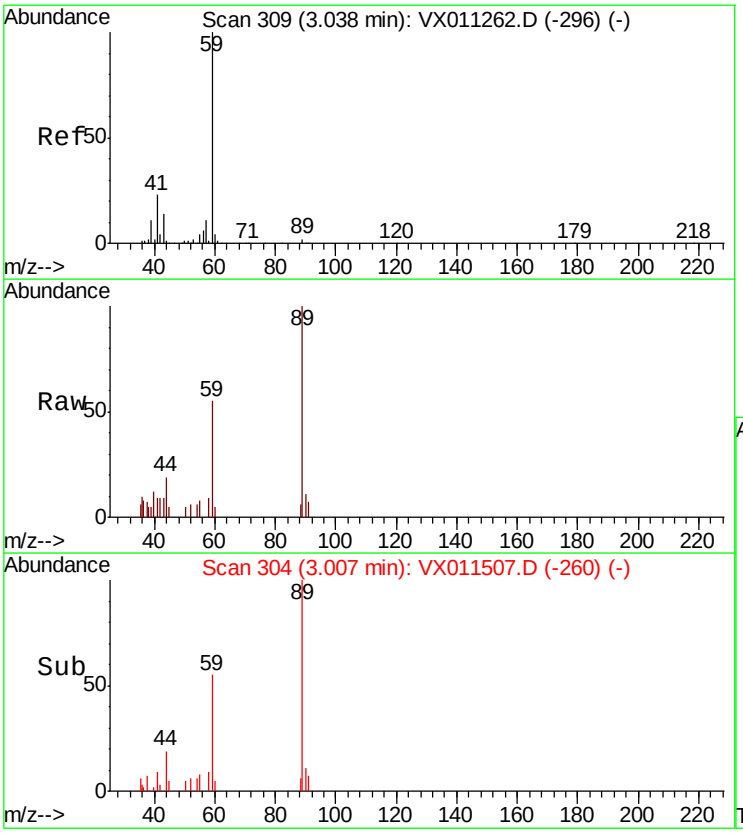
#8
Diethyl Ether
Concen: 0.581 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 74 Resp: 649

Ion	Ratio	Lower	Upper
74	100		
45	134.1	46.1	138.3

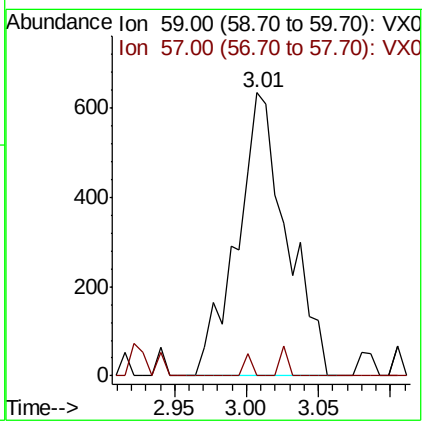


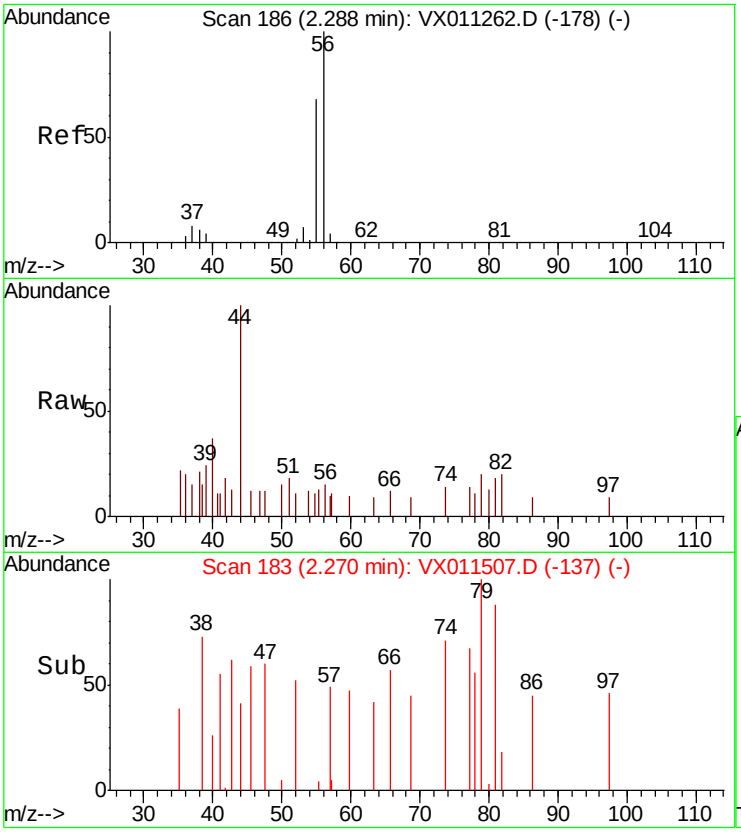


#11
Tert butyl alcohol
Concen: 4.127 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 59 Resp: 1519

Ion	Ratio	Lower	Upper
59	100		
57	1.3	8.3	12.5#



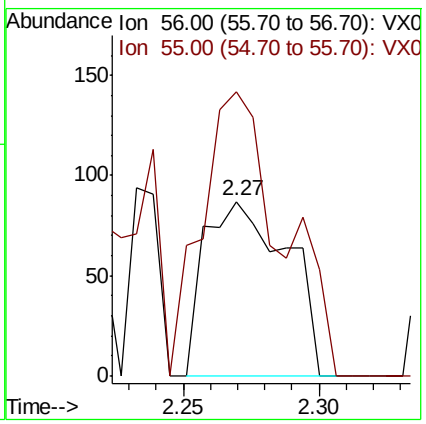


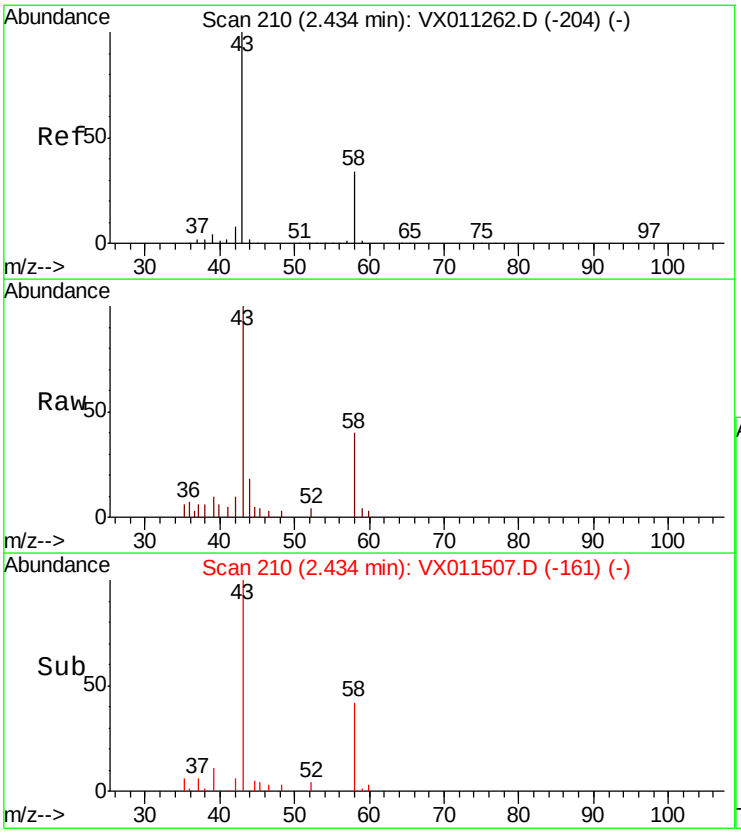
#13
Acrolein
Concen: 0.378 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 56 Resp: 184

Ion	Ratio	Lower	Upper
56	100		
55	157.6	56.0	84.0#

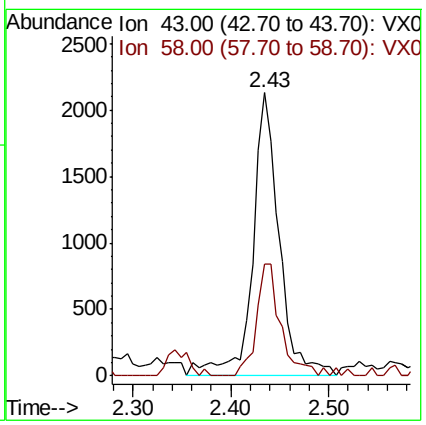


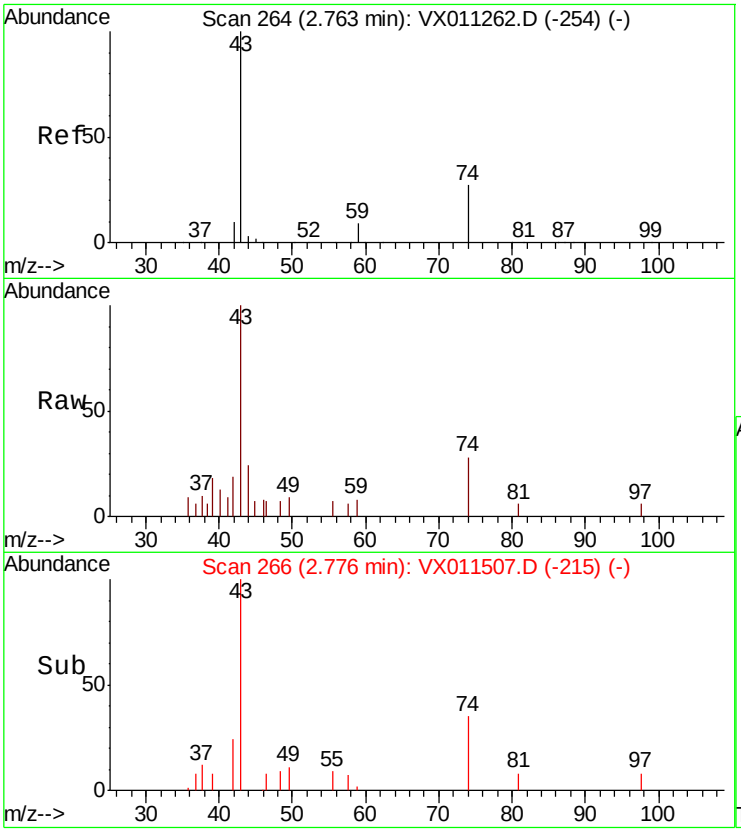


#16
Acetone
Concen: 4.544 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 43 Resp: 4014

Ion	Ratio	Lower	Upper
43	100		
58	36.7	27.4	41.0



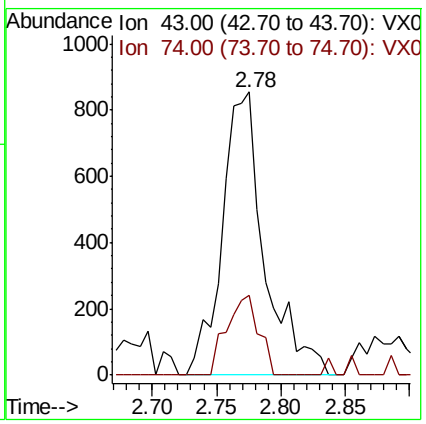


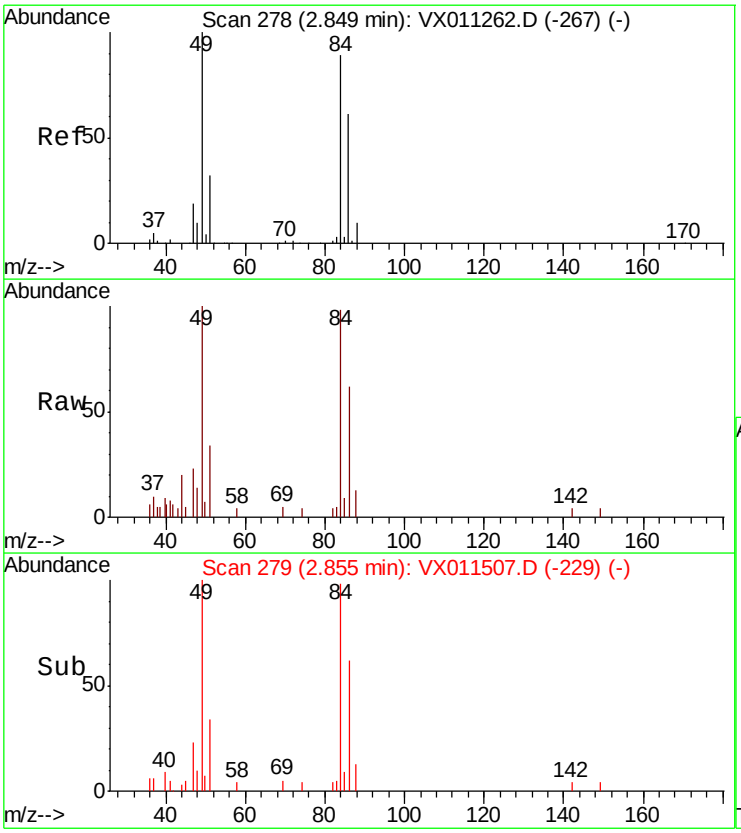
#18
Methyl Acetate
Concen: 0.973 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 43 Resp: 1964

Ion	Ratio	Lower	Upper
43	100		
74	21.3	21.0	31.6

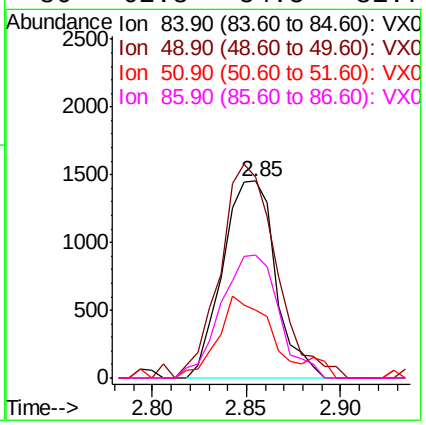


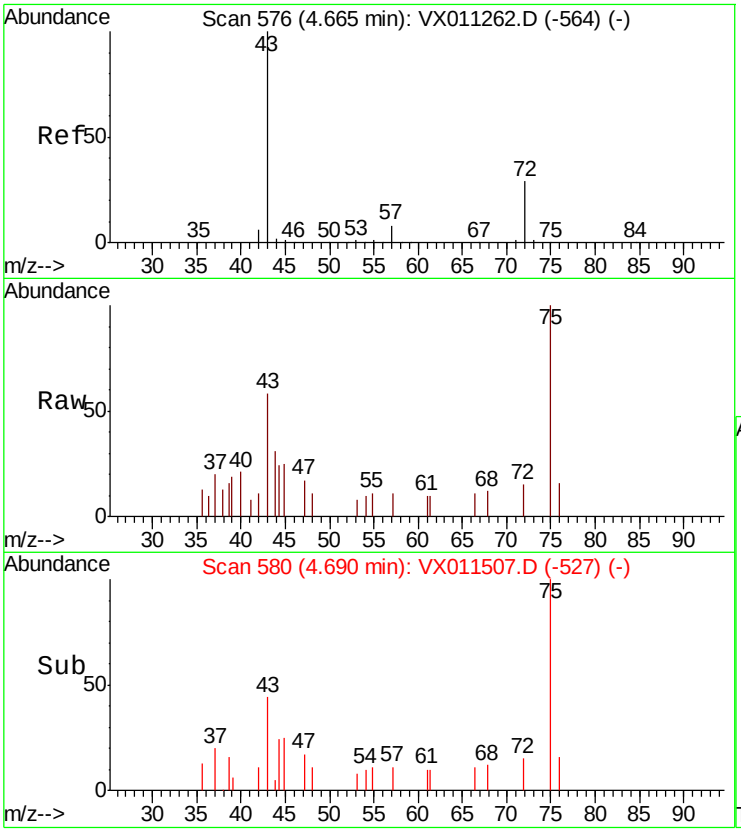


#20
Methylene Chloride
Concen: 1.463 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 84 Resp: 2831

Ion	Ratio	Lower	Upper
84	100		
49	95.8	89.3	133.9
51	34.8	28.3	42.5
86	62.8	54.5	81.7



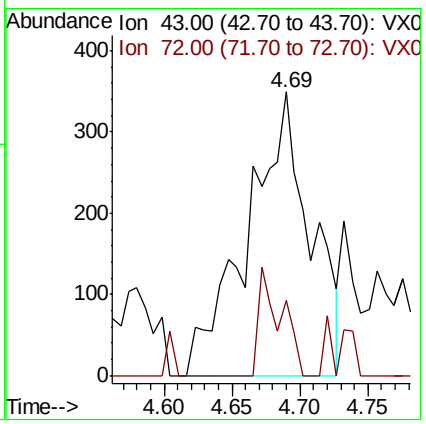


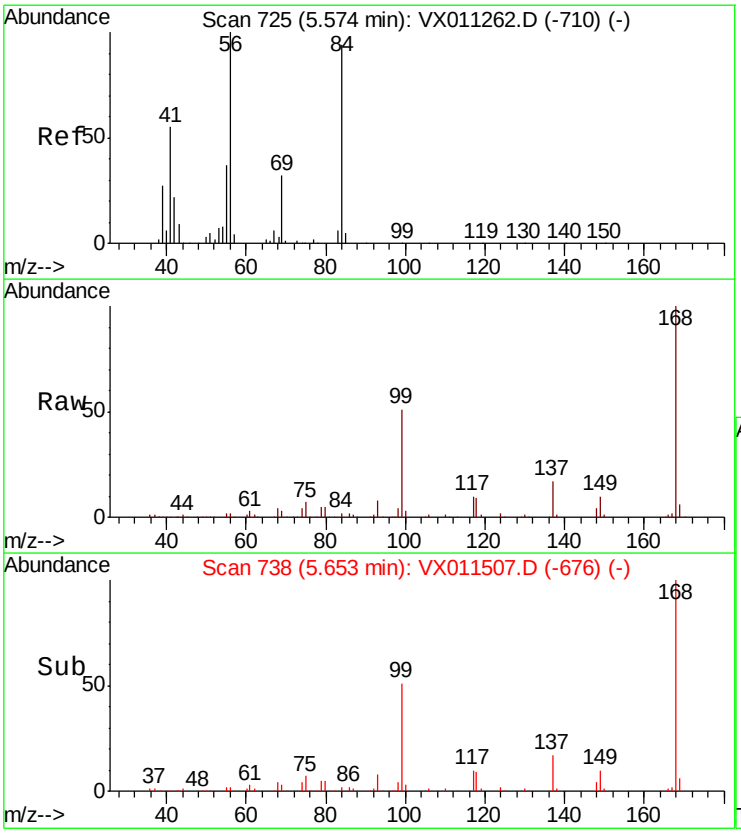
#25
2-Butanone
Concen: 0.896 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 43 Resp: 1126

Ion	Ratio	Lower	Upper
43	100		
72	26.4	23.2	34.8

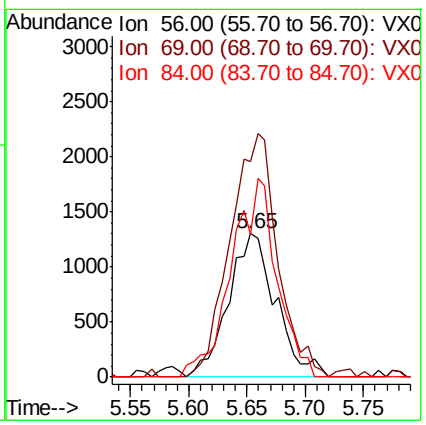


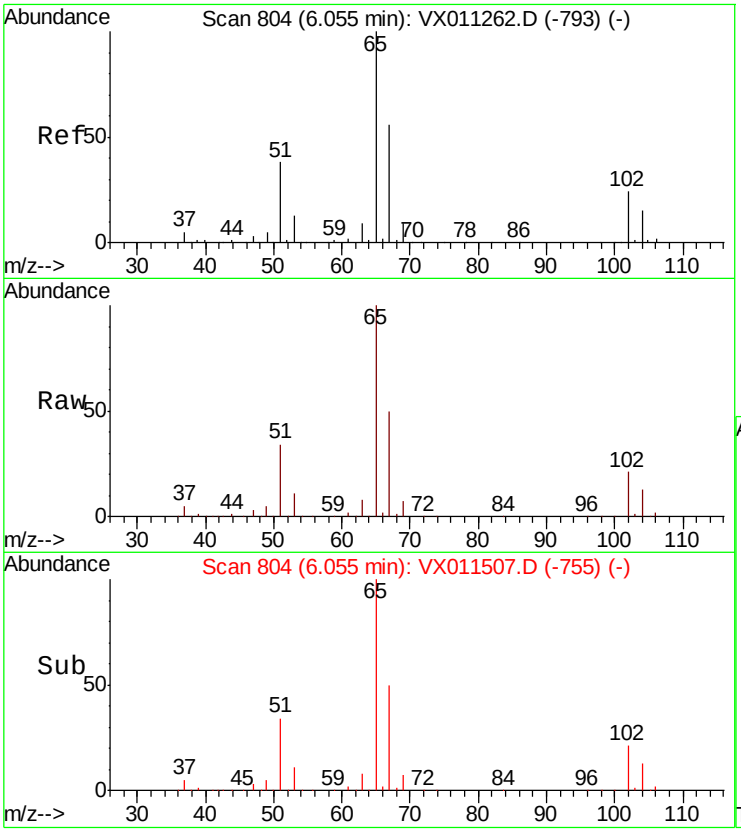


#31
Cyclohexane
Concen: 1.549 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 56 Resp: 3703

Ion	Ratio	Lower	Upper
56	100		
69	149.7	25.5	38.3#
84	99.4	75.0	112.4



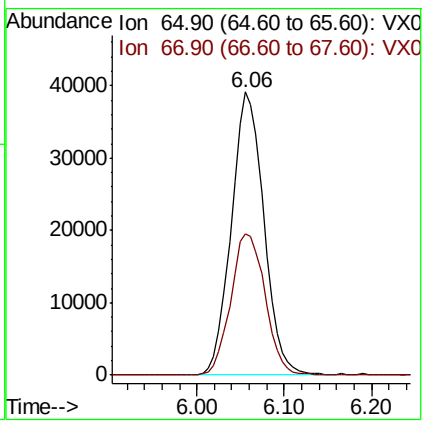


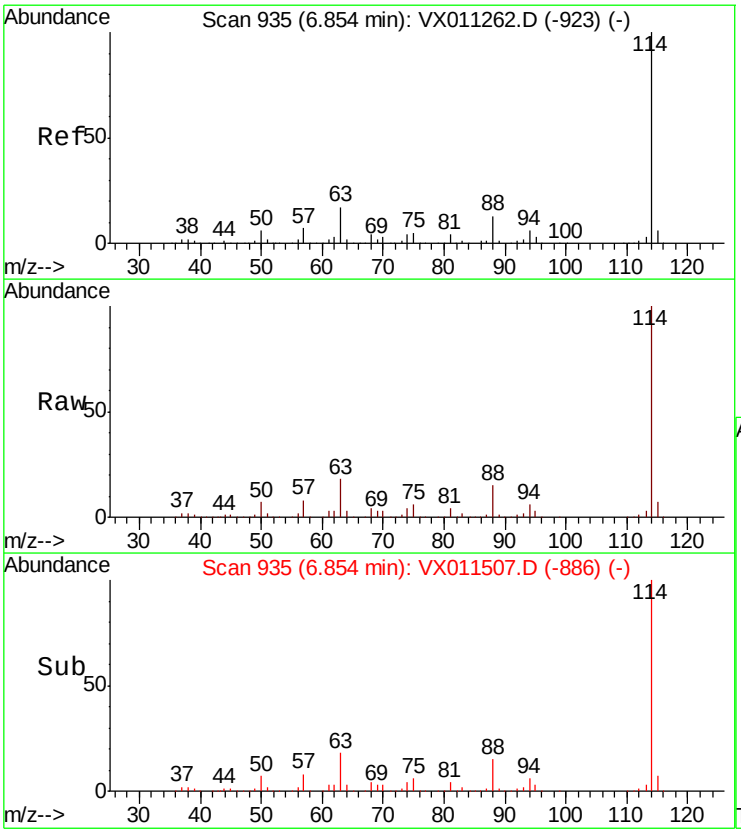
#33
1,2-Dichloroethane-d4
Concen: 54.596 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 65 Resp: 101318

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	110.6

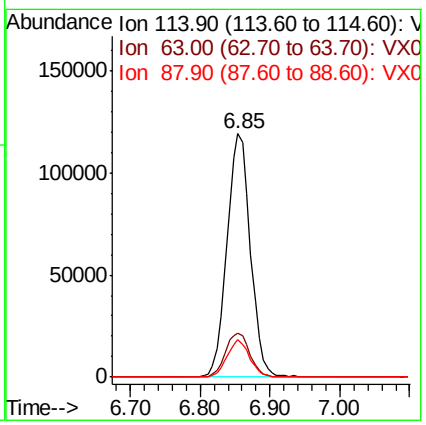


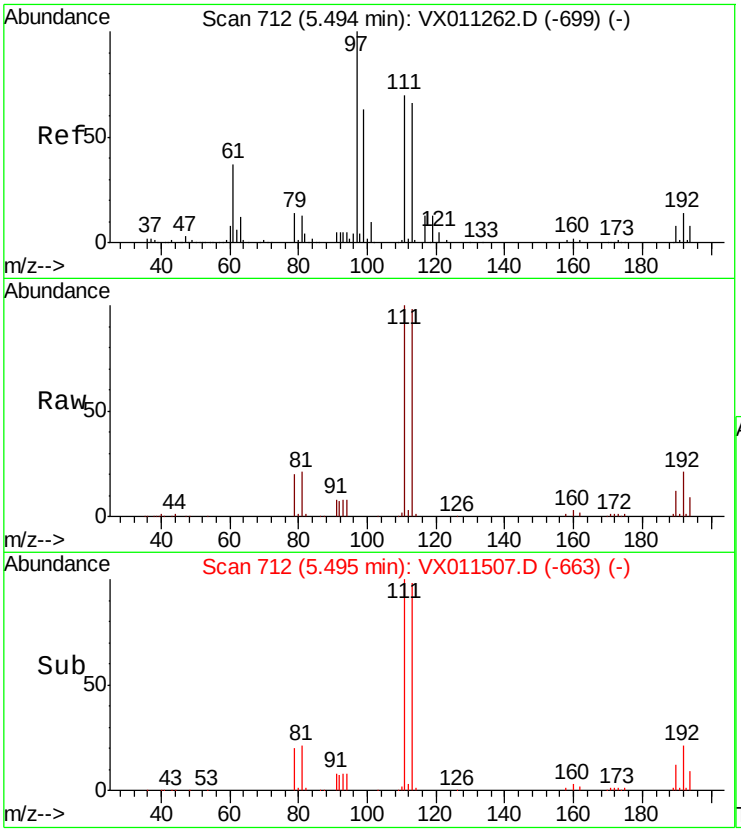


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion:114 Resp: 277085

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.0
88	15.2	0.0	26.4



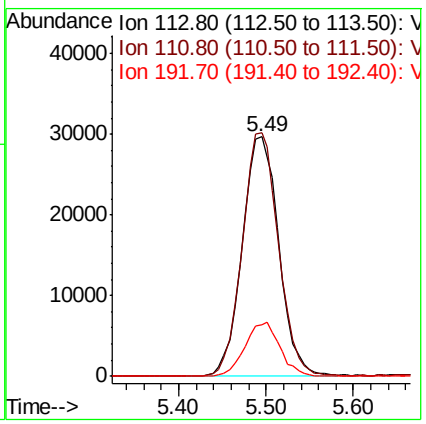


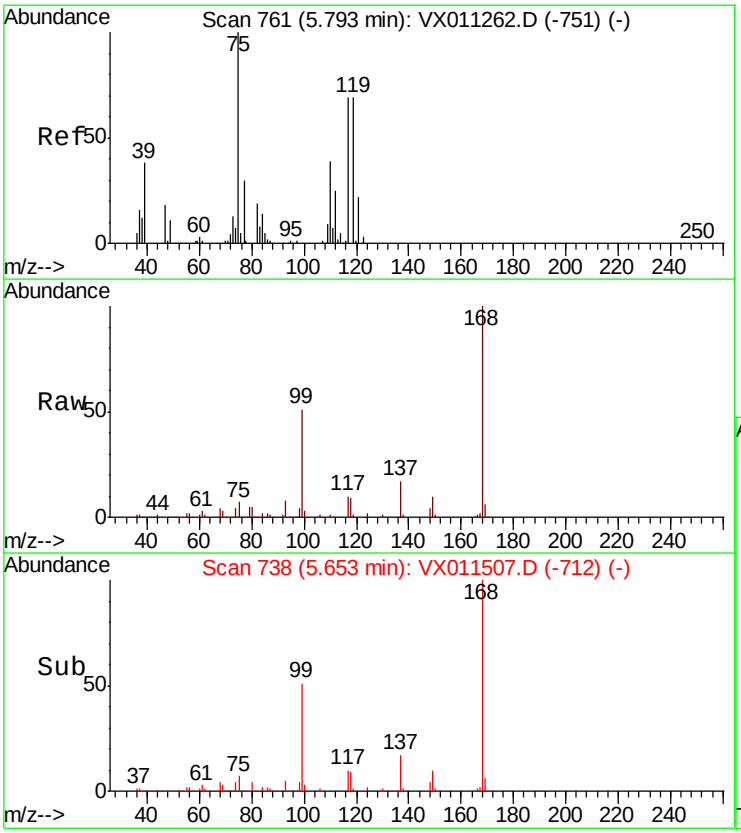
#35
Dibromofluoromethane
Concen: 47.751 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion:113 Resp: 86383

Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.9	122.9
192	21.5	17.8	26.8

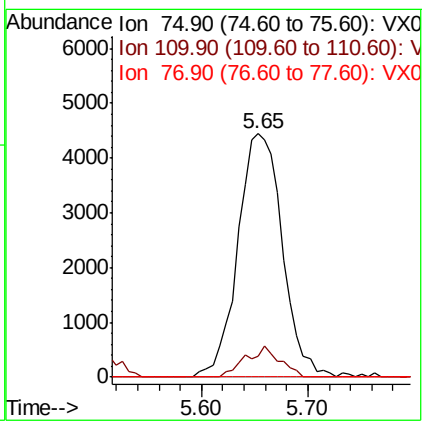


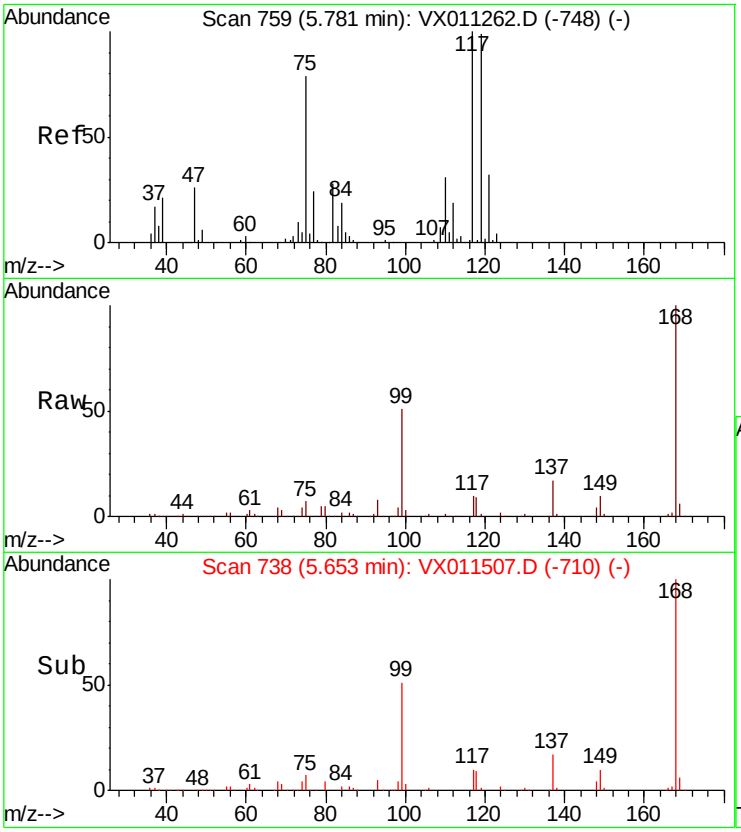


#36
1,1-Dichloropropene
Concen: 5.372 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 75 Resp: 12996

Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.0	59.9#
77	0.0	24.8	37.2#



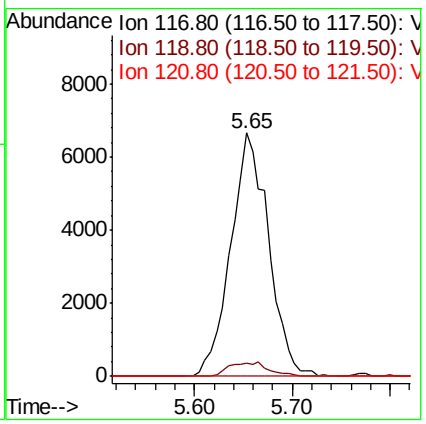


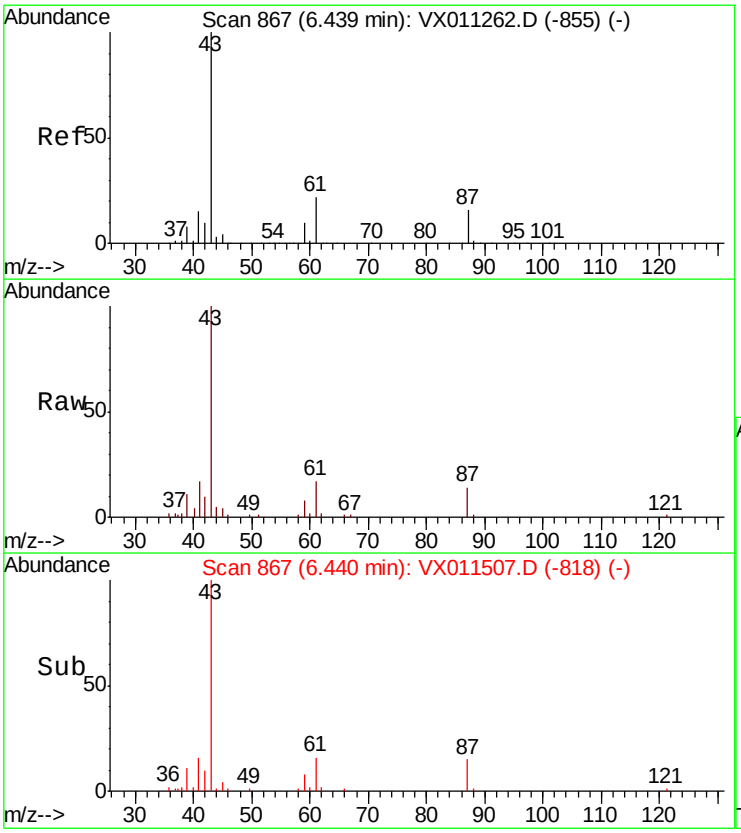
#38
Carbon Tetrachloride
Concen: 7.302 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion:117 Resp: 17772

Ion	Ratio	Lower	Upper
117	100		
119	5.5	79.0	118.4#
121	0.0	25.9	38.9#

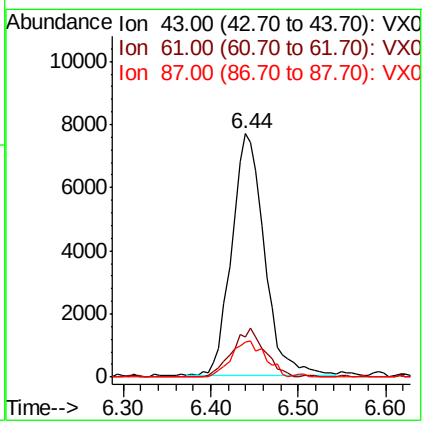


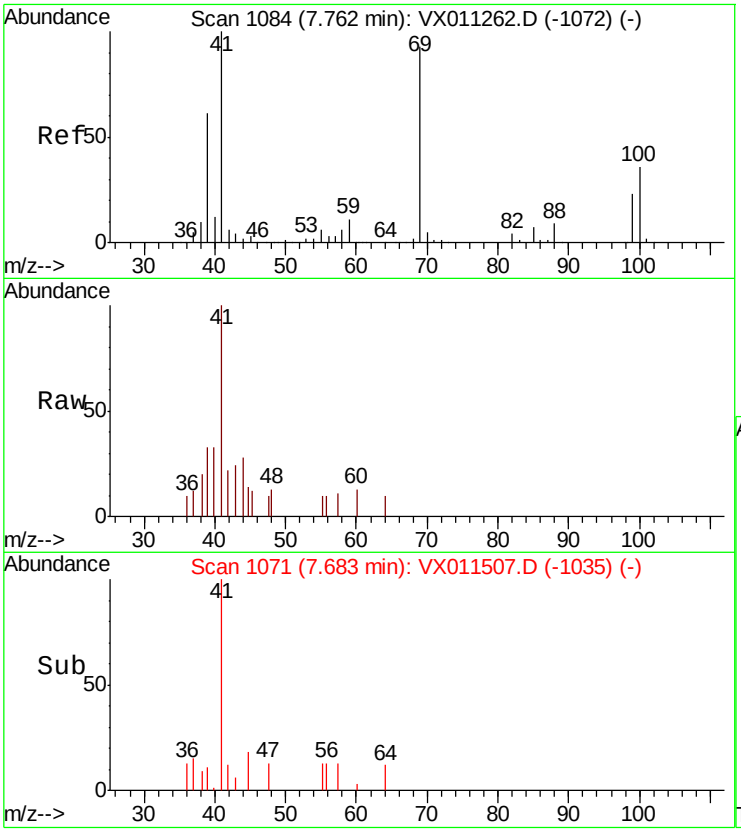


#43
Isopropyl Acetate
Concen: 5.093 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 43 Resp: 19760

Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.5	24.7
87	15.5	12.1	18.1



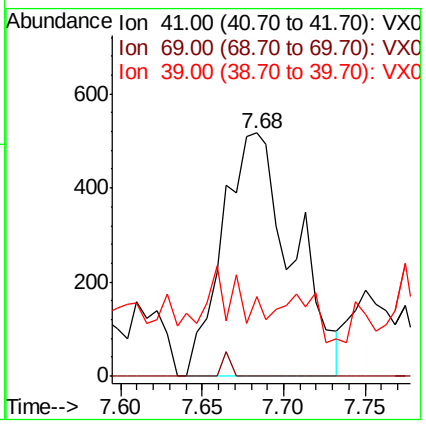


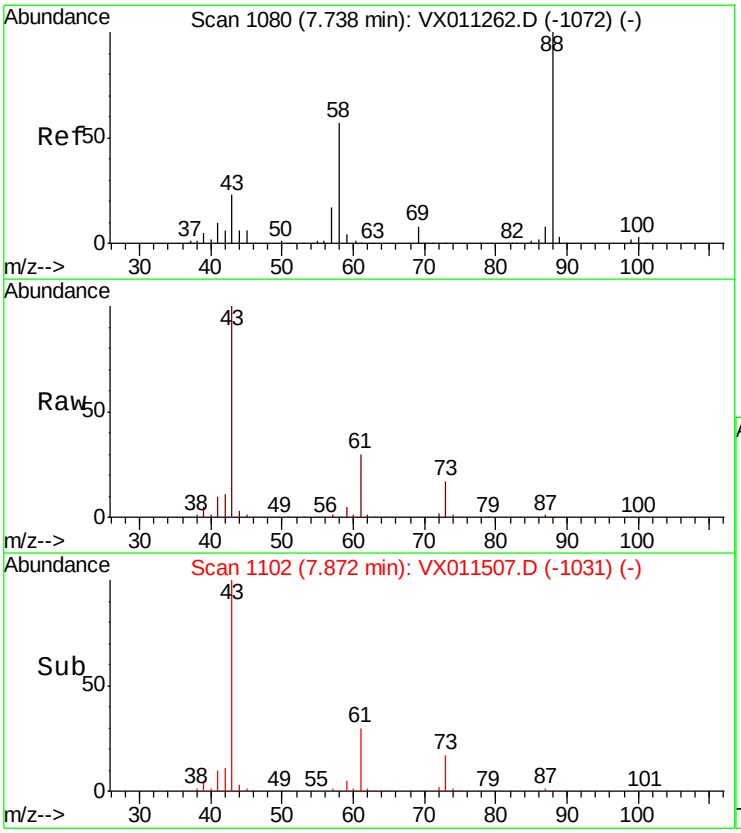
#48
Methyl methacrylate
Concen: 0.850 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.08 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 41 Resp: 1552

Ion	Ratio	Lower	Upper
41	100		
69	1.2	74.5	111.7#
39	0.0	48.6	72.8#

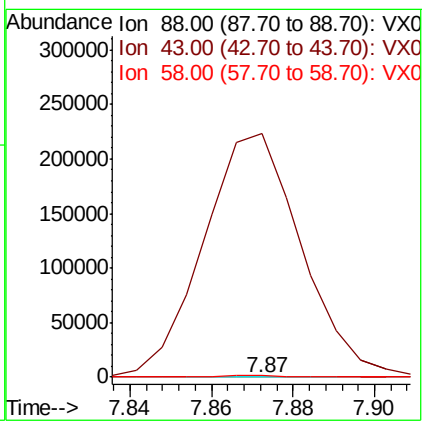


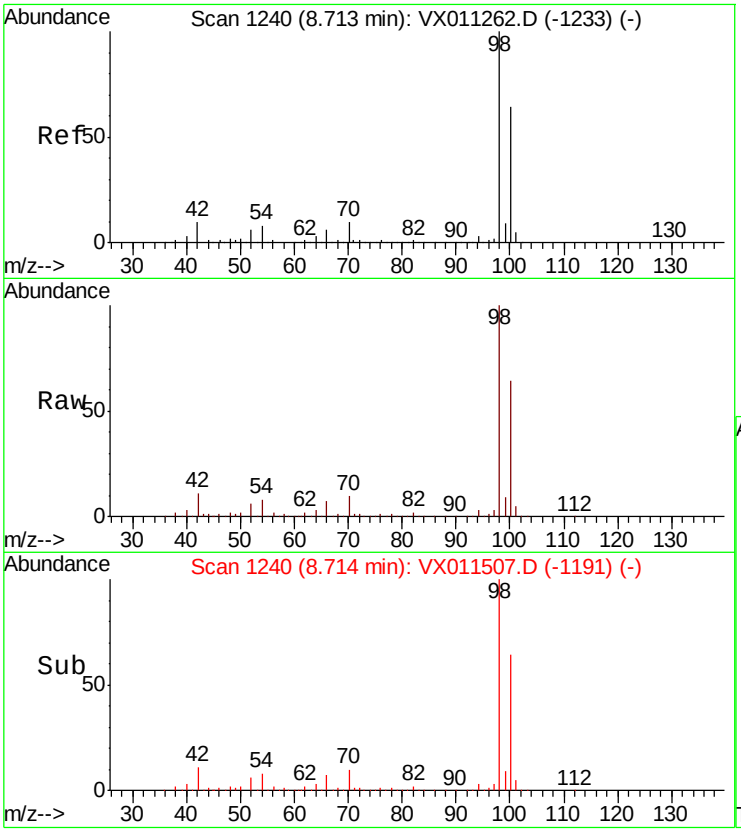


#49
1,4-Dioxane
Concen: 1.625 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 88 Resp: 86

Ion	Ratio	Lower	Upper
88	100		
43	440110.5	22.2	33.2#
58	2511.6	47.8	71.8#



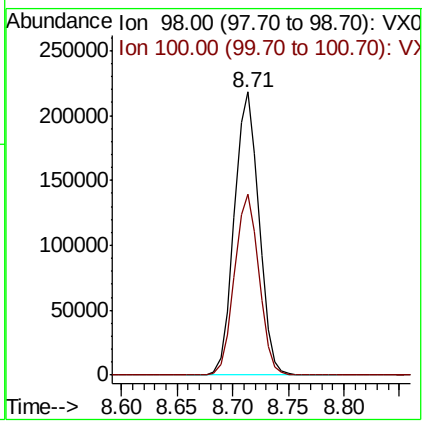


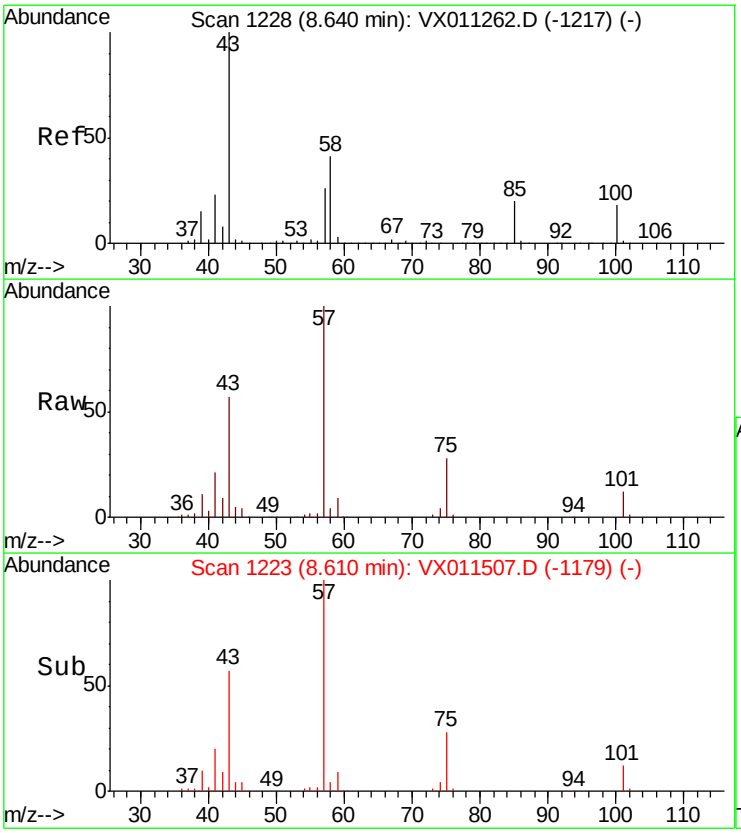
#50
Toluene-d8
Concen: 48.954 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 98 Resp: 334287

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5

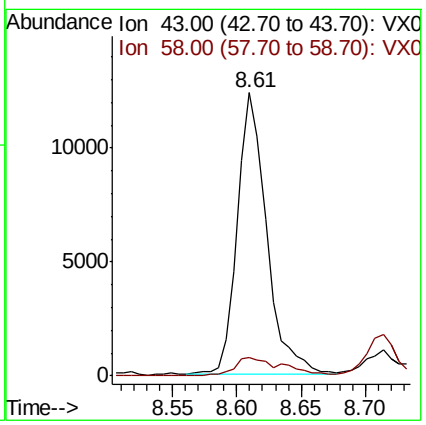


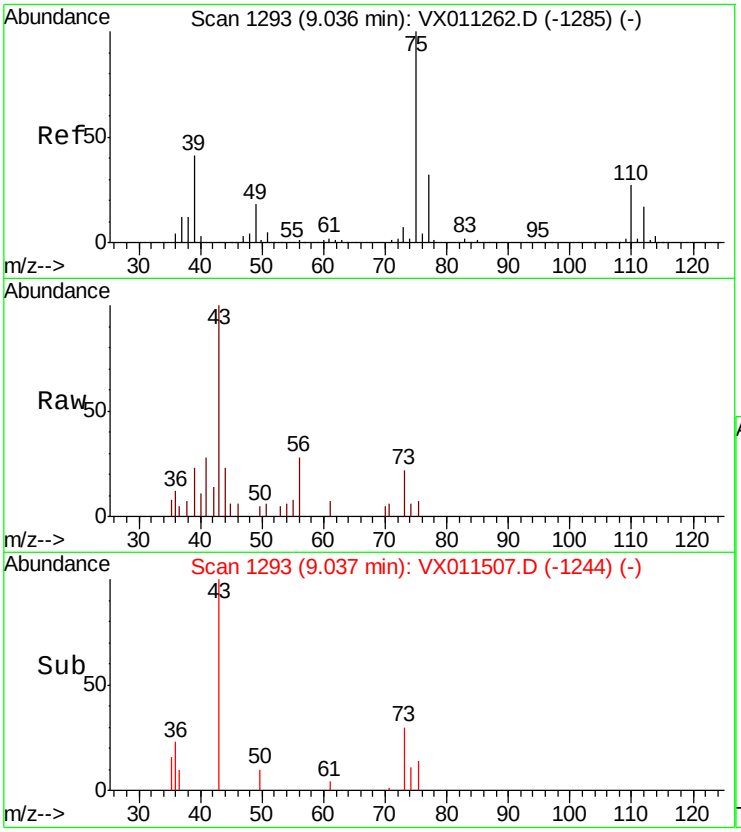


#51
4-Methyl-2-Pentanone
Concen: 7.812 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 43 Resp: 19559

Ion	Ratio	Lower	Upper
43	100		
58	10.7	32.3	48.5#



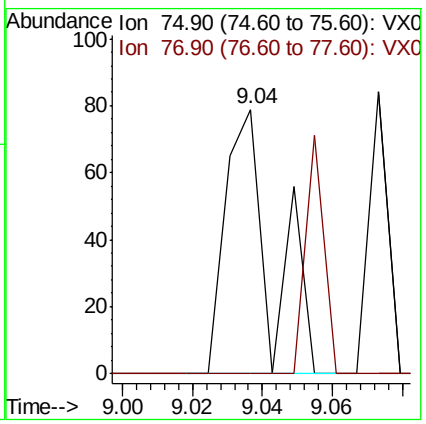


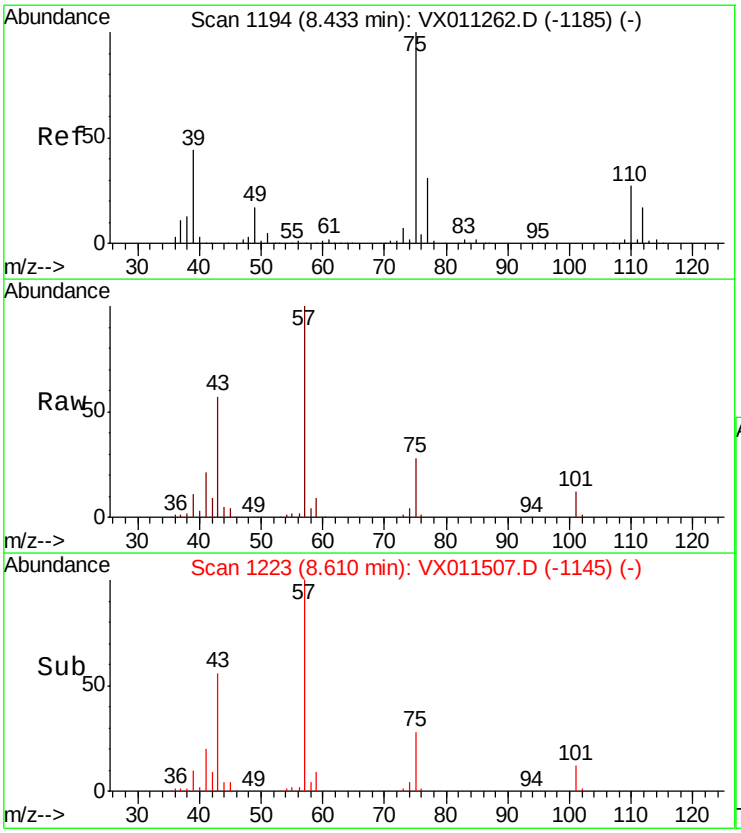
#53
t-1,3-Dichloropropene
Concen: 2.864 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 75 Resp: 73

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

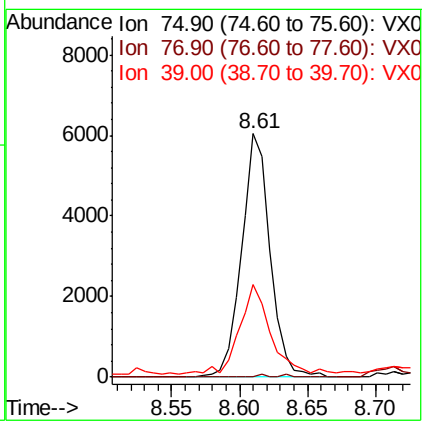


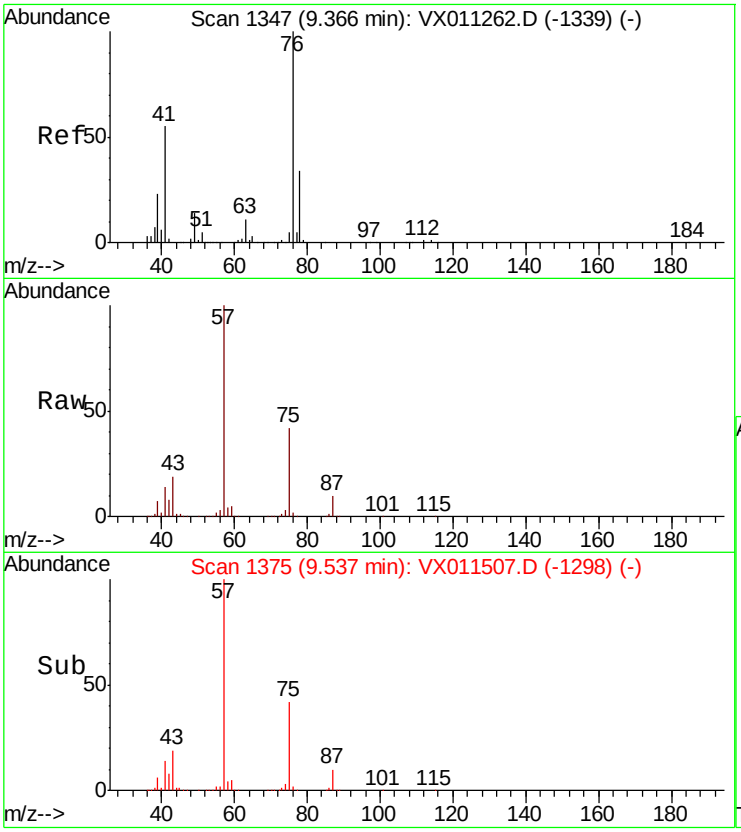


#54
cis-1,3-Dichloropropene
Concen: 3.275 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 75 Resp: 8840

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	36.3	35.3	52.9



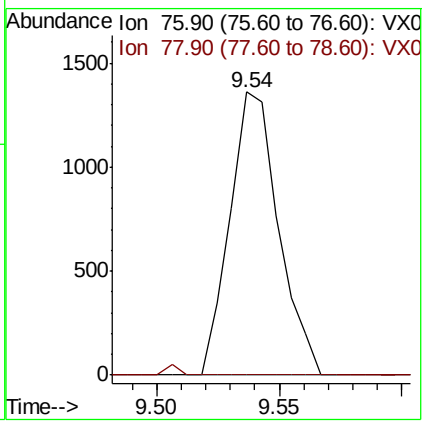


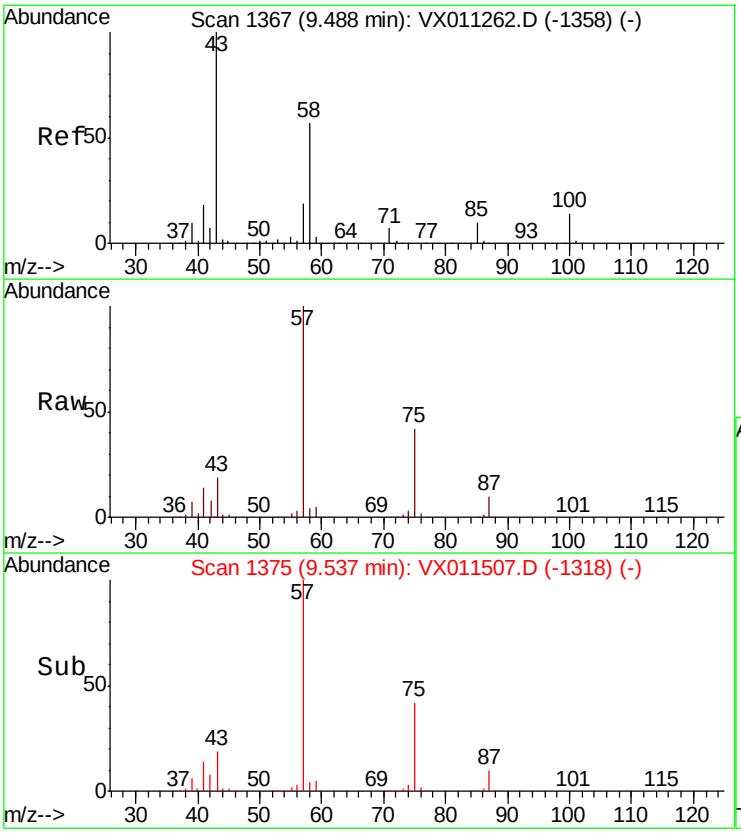
#57
1,3-Dichloropropane
Concen: 0.607 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 76 Resp: 1885

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#

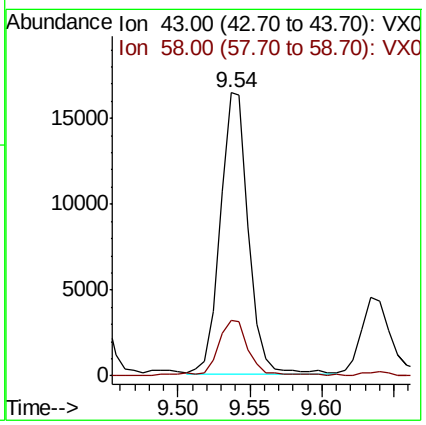


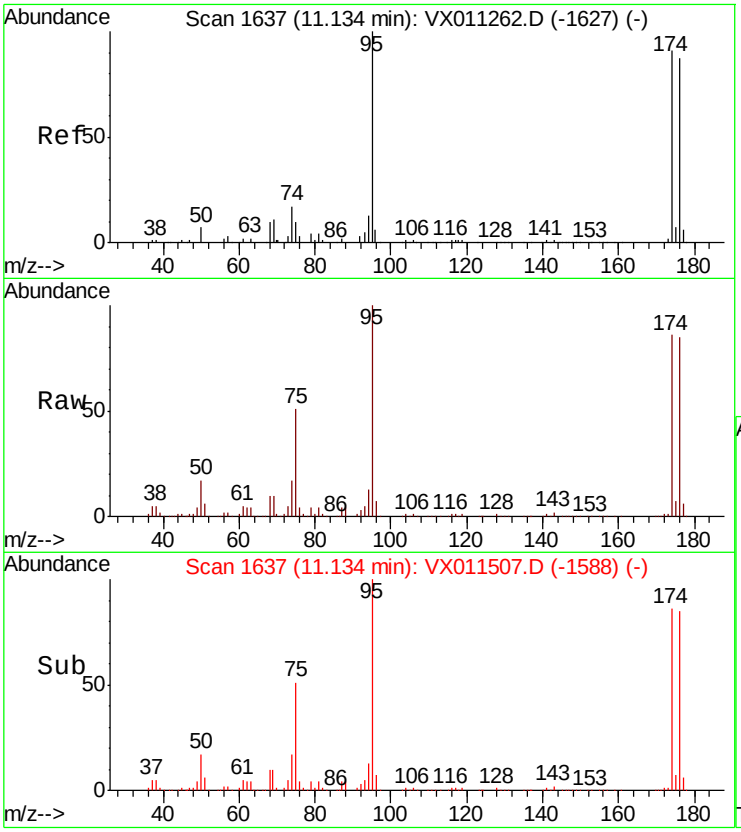


#59
2-Hexanone
Concen: 11.618 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 43 Resp: 22532

Ion	Ratio	Lower	Upper
43	100		
58	22.1	28.2	84.6#



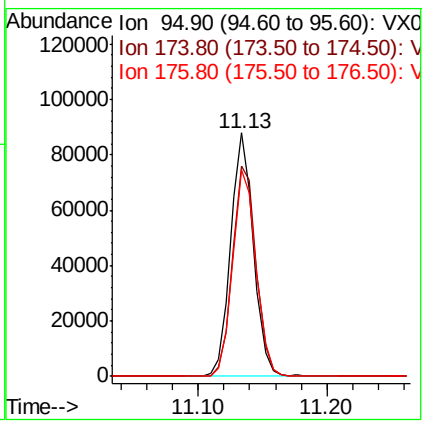


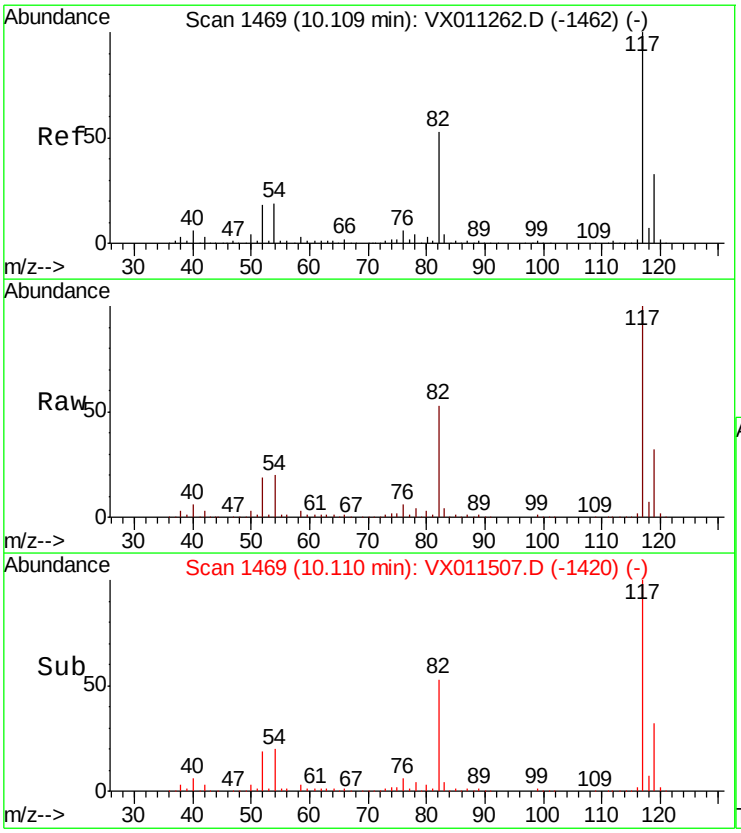
#62
4-Bromofluorobenzene
Concen: 44.471 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 95 Resp: 108420

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	191.2
176	87.4	0.0	184.8

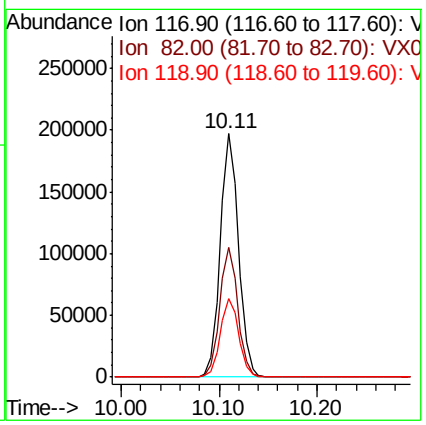


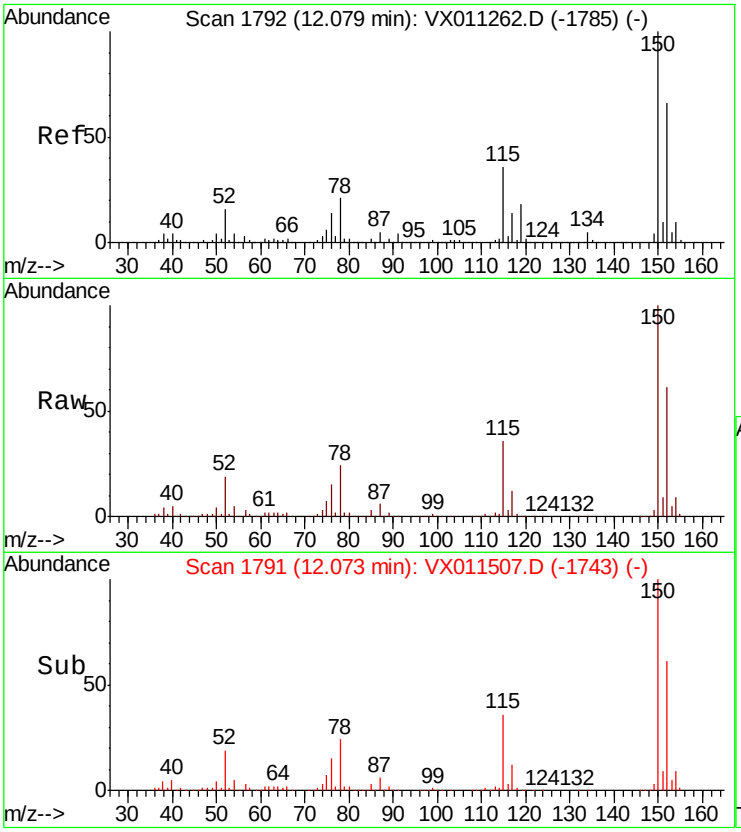


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion:117 Resp: 255591

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.2
119	32.2	26.6	39.8



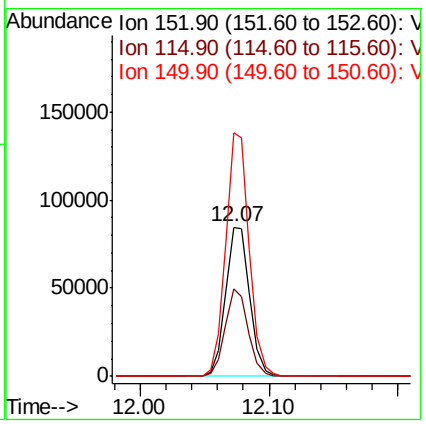


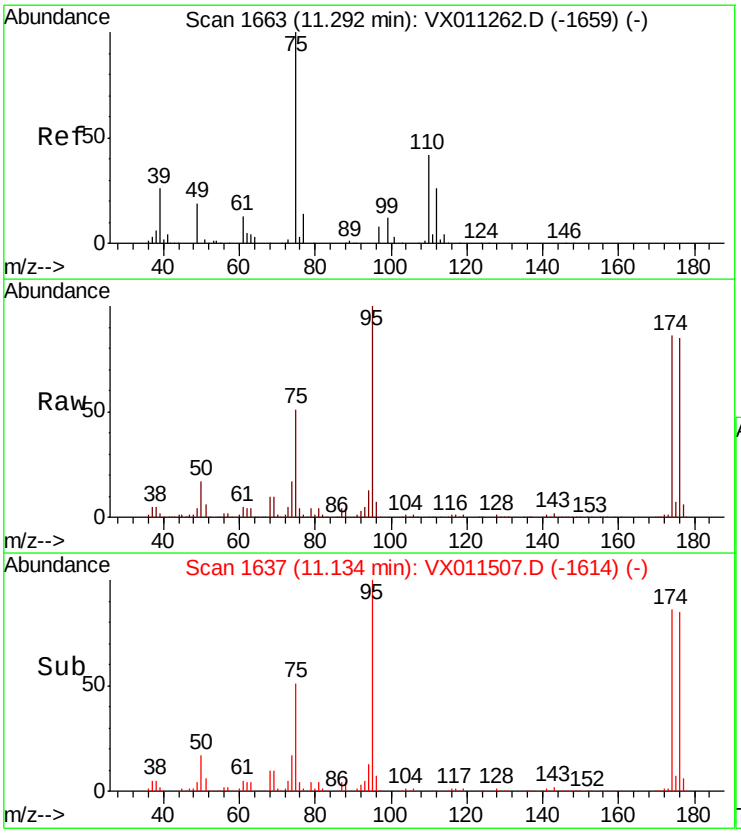
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion:152 Resp: 110918

Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.0	119.9
150	159.5	0.0	350.4

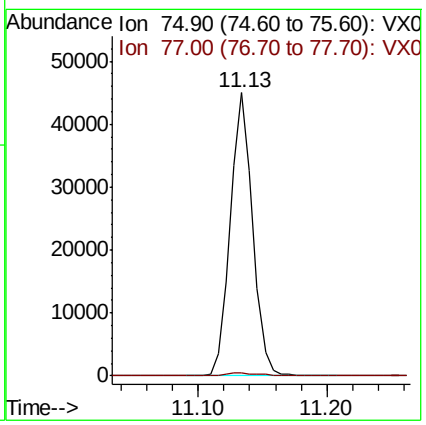


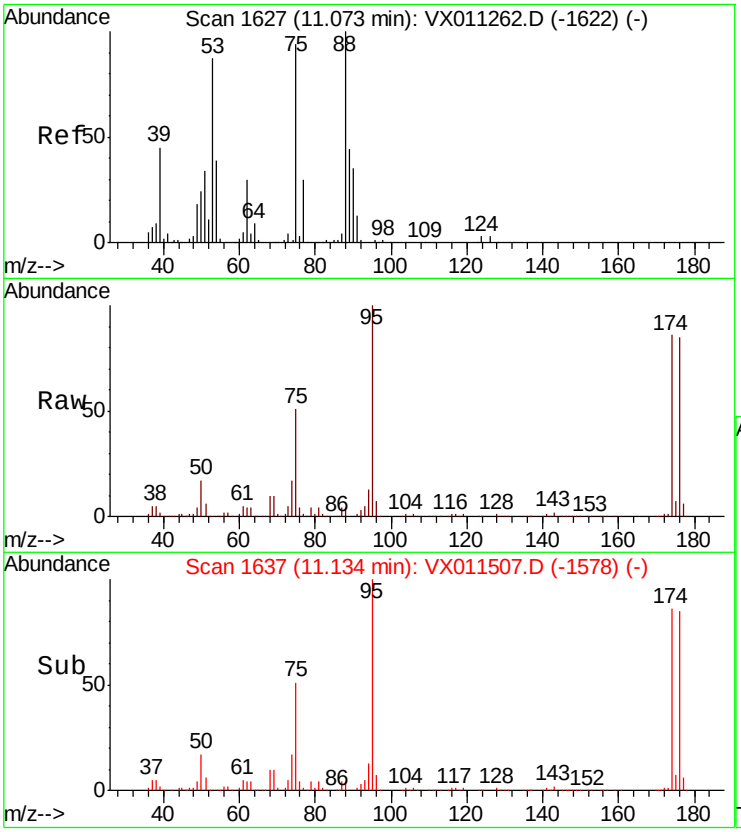


#76
1,2,3-Trichloropropane
Concen: 27.139 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Tgt Ion: 75 Resp: 54819

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.433 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011507.D
Acq: 13 Aug 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-3A-(3)

Tgt Ion: 75 Resp: 54819

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