Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061720\
Data File : VX016826.D
Acq On : 17 Jun 2020 18:51
Operator : JC/SP
Sample : L3032-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF015MW047-200616

Quant Time: Jun 18 00:47:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	273220	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	408531	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	418031	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246634	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	142718	46.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.90%				
35) Dibromofluoromethane	5.46	113	124488	49.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.78%				
50) Toluene-d8	8.70	98	497008	53.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.96%				
62) 4-Bromofluorobenzene	11.12	95	205925	57.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.86%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	637	0.214	ug/l	#	76
11) Tert butyl alcohol	3.00	59	73524	95.232	ug/l		100
13) Acrolein	2.28	56	237	3.020	ug/l		91
16) Acetone	2.42	43	17578	12.610	ug/l		96
18) Methyl Acetate	2.75	43	1780	0.478	ug/l		97
22) Diisopropyl ether	3.82	45	62075	7.913	ug/l	#	82
23) Vinyl Acetate	3.82	43	30566	4.508	ug/l	#	69
25) 2-Butanone	4.65	43	6339	3.017	ug/l	#	76
26) 2,2-Dichloropropane	4.65	77	2290	0.504	ug/l	#	53
27) cis-1,2-Dichloroethene	4.57	96	858	0.262	ug/l		64
29) Tetrahydrofuran	5.11	42	387	0.284	ug/l	#	32
31) Cyclohexane	5.53	56	856	0.908	ug/l	#	36
36) 1,1-Dichloropropene	5.63	75	18440	5.108	ug/l	#	49
38) Carbon Tetrachloride	5.64	117	24708	6.026	ug/l	#	17
39) Methylcyclohexane	7.44	83	850	1.152	ug/l	#	84
40) Benzene	6.11	78	58550	5.327	ug/l		98
43) Isopropyl Acetate	6.41	43	1261	0.204	ug/l	#	72
44) Trichloroethene	7.19	130	4223	1.242	ug/l		96
49) 1,4-Dioxane	7.73	88	168	2.311	ug/l	#	53
51) 4-Methyl-2-Pentanone	8.62	43	937	0.245	ug/l		93
59) 2-Hexanone	9.60	43	1231	0.418	ug/l		97
65) Chlorobenzene	10.12	112	3083949	363.576	ug/l		100
74) N-amyl acetate	10.91	43	9255	1.471	ug/l	#	60
76) 1,2,3-Trichloropropane	11.12	75	97677	18.833	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	97677	47.410	ug/l	#	13
86) p-Isopropyltoluene	12.21	119	4360	0.313	ug/l		87
87) 1,3-Dichlorobenzene	12.01	146	18613	2.409	ug/l		97
88) 1,4-Dichlorobenzene	12.08	146	152970	19.095	ug/l		99
91) 1,2-Dichlorobenzene	12.38	146	625014	80.906	ug/l		98
93) 1,2,4-Trichlorobenzene	13.63	180	1705	0.315	ug/l	#	86
94) Hexachlorobutadiene	13.76	225	179	0.488	ug/l	#	51

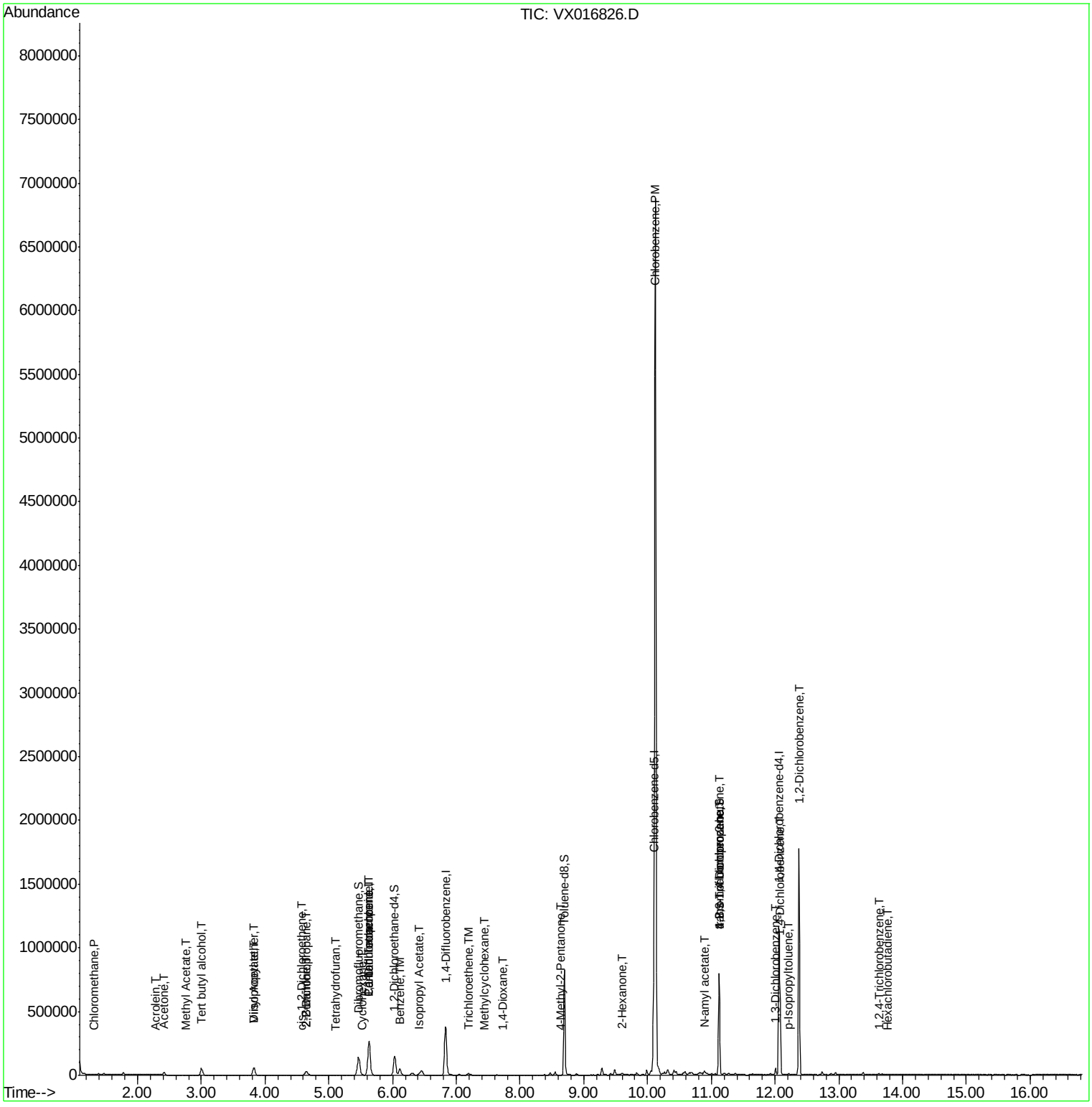
(#) = qualifier out of range (m) = manual integration (+) = signals summed

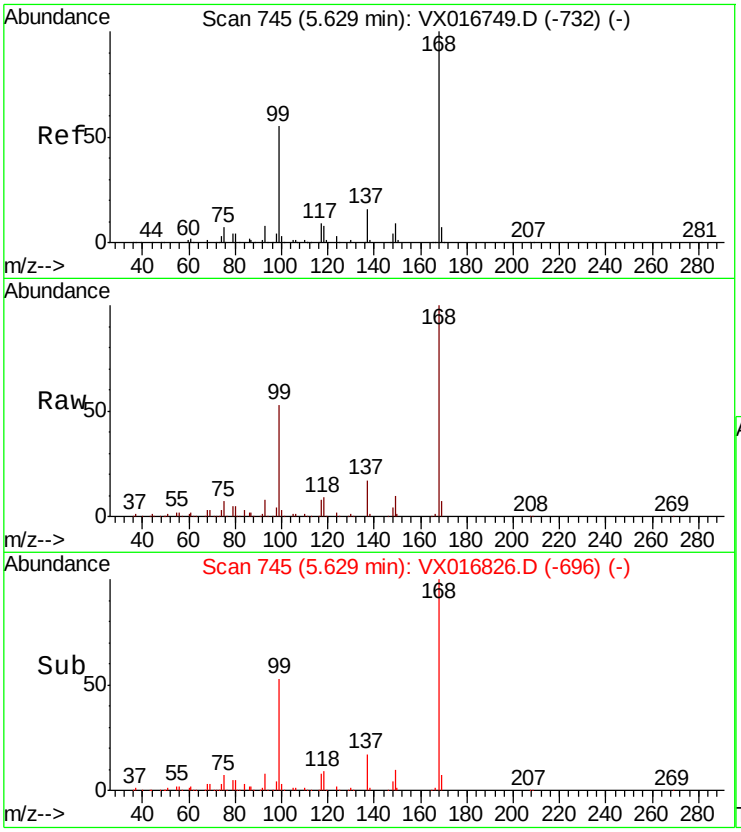
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061720\
Data File : VX016826.D
Acq On : 17 Jun 2020 18:51
Operator : JC/SP
Sample : L3032-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Quant Time: Jun 18 00:47:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration



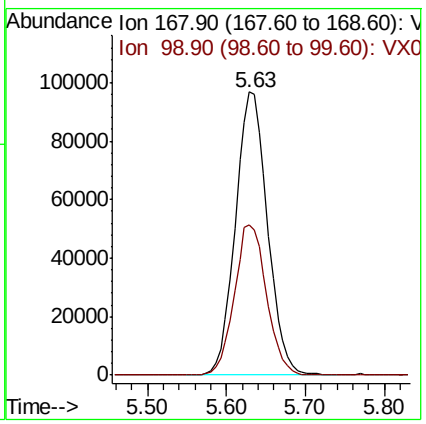


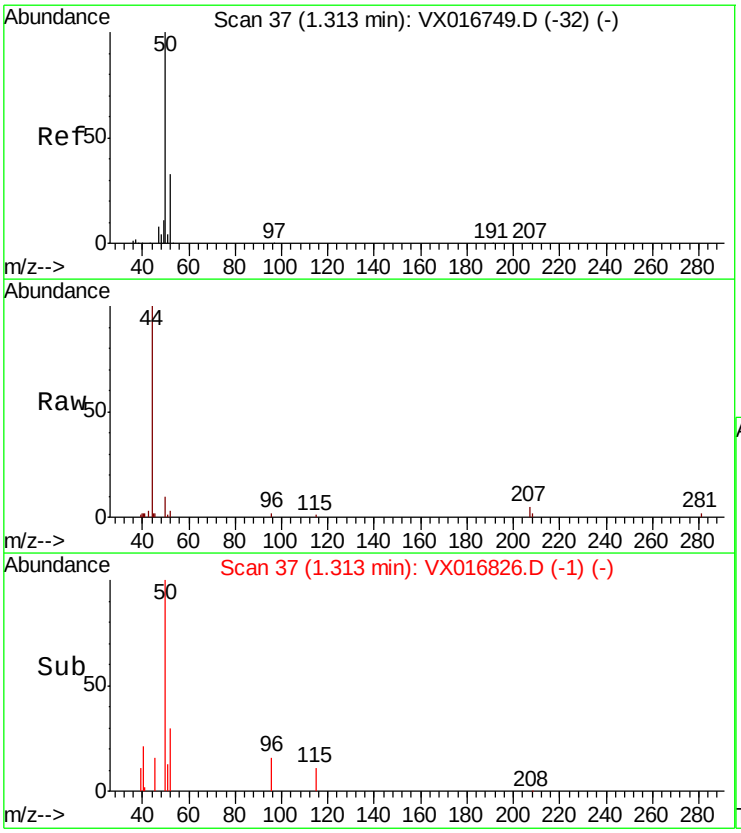
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion:168 Resp: 273220

Ion	Ratio	Lower	Upper
168	100		
99	53.1	43.8	65.6

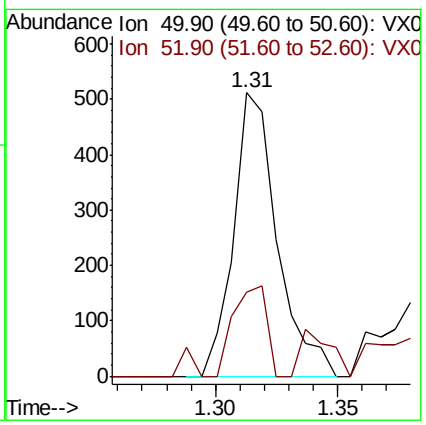


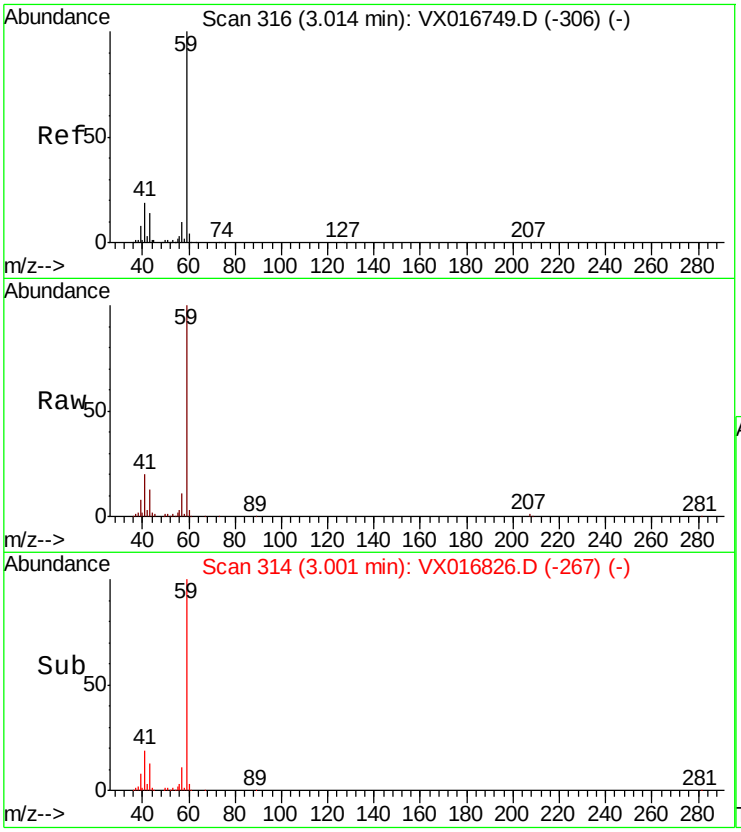


#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 50 Resp: 637

Ion	Ratio	Lower	Upper
50	100		
52	19.7	26.5	39.7#



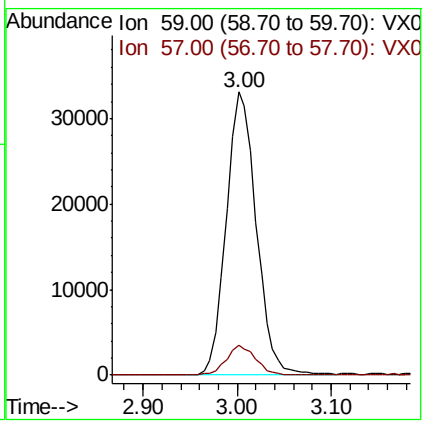


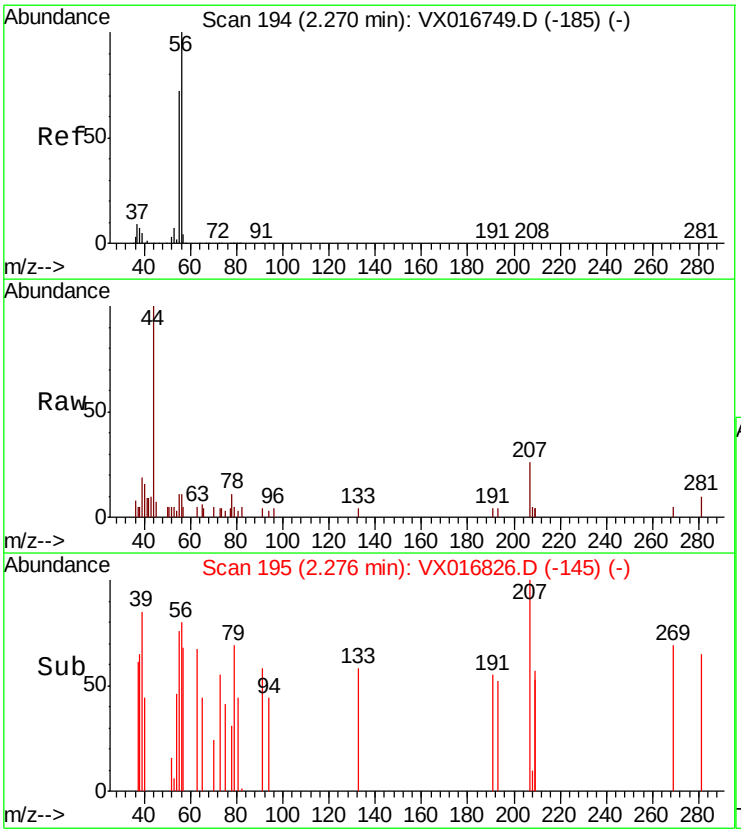
#11
Tert butyl alcohol
Concen: 95.232 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 59 Resp: 73524

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

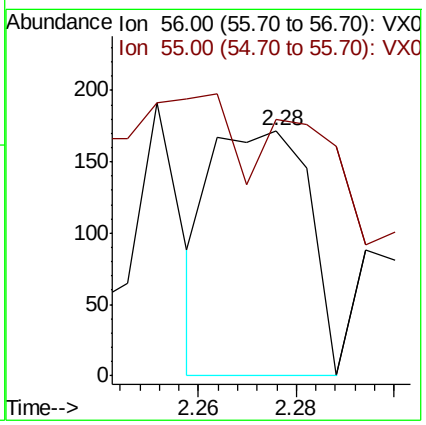


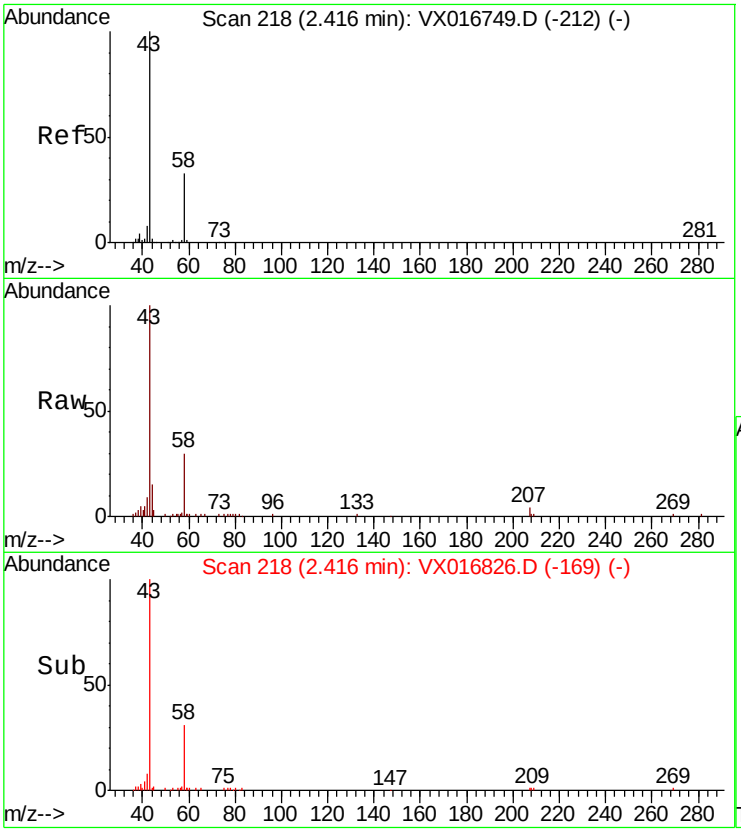


#13
Acrolein
Concen: 3.020 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 56 Resp: 237

Ion	Ratio	Lower	Upper
56	100		
55	65.4	58.2	87.4



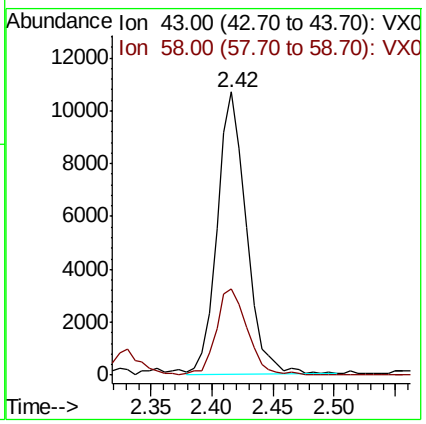


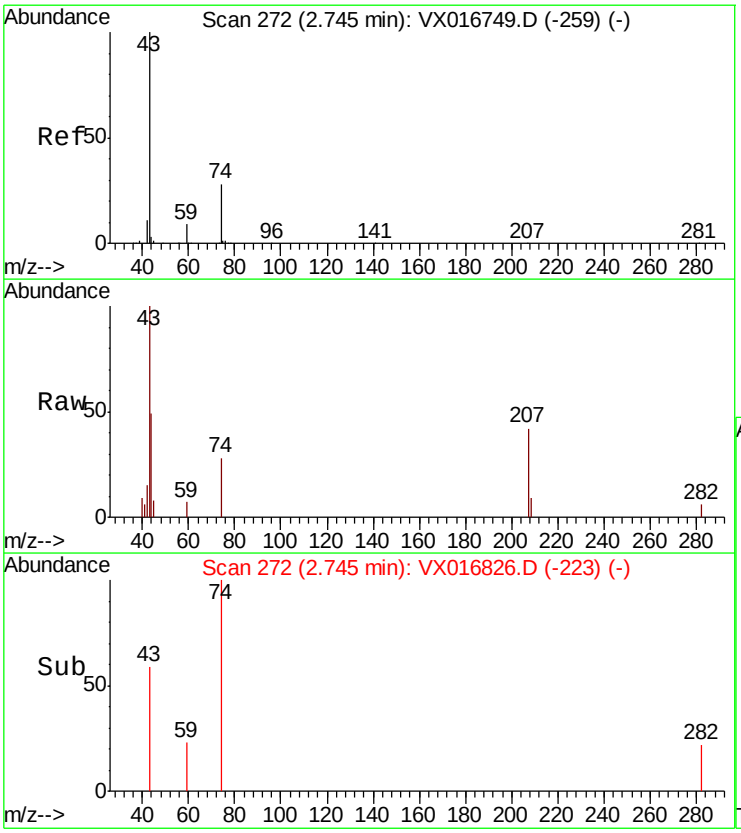
#16
Acetone
Concen: 12.610 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 43 Resp: 17578

Ion	Ratio	Lower	Upper
43	100		
58	30.6	26.3	39.5

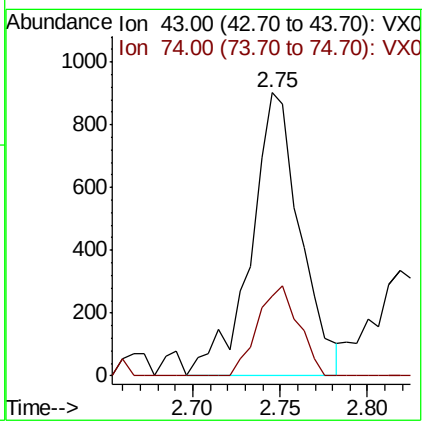


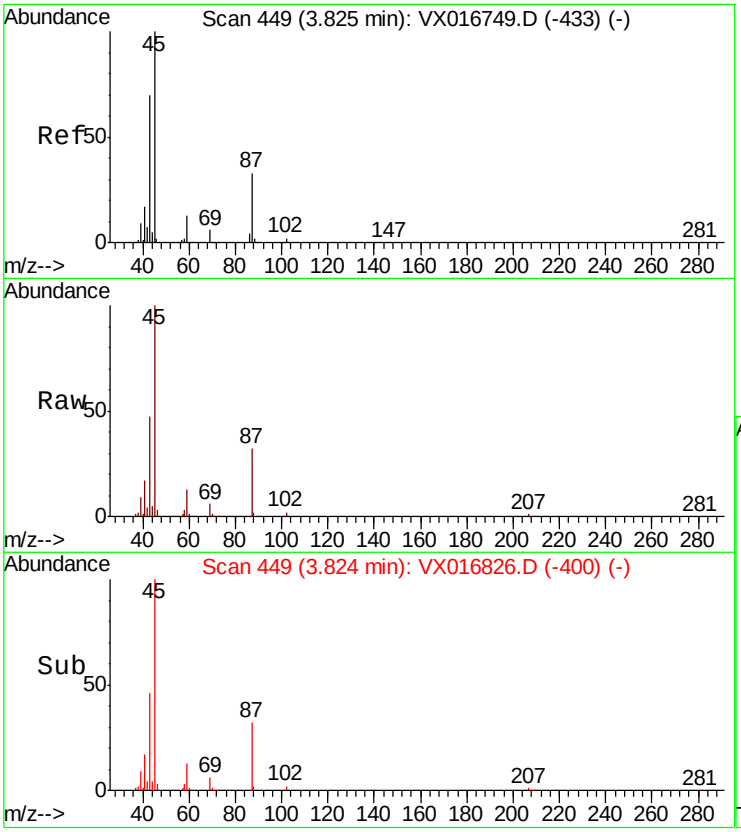


#18
Methyl Acetate
Concen: 0.478 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 43 Resp: 1780

Ion	Ratio	Lower	Upper
43	100		
74	26.5	22.4	33.6



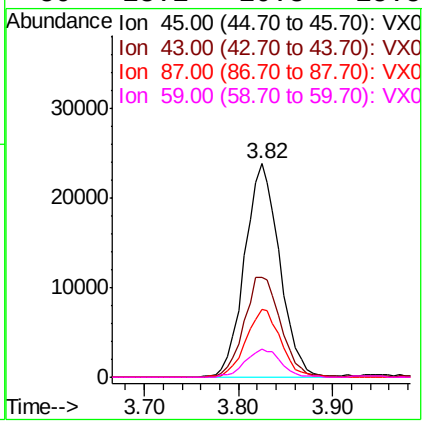


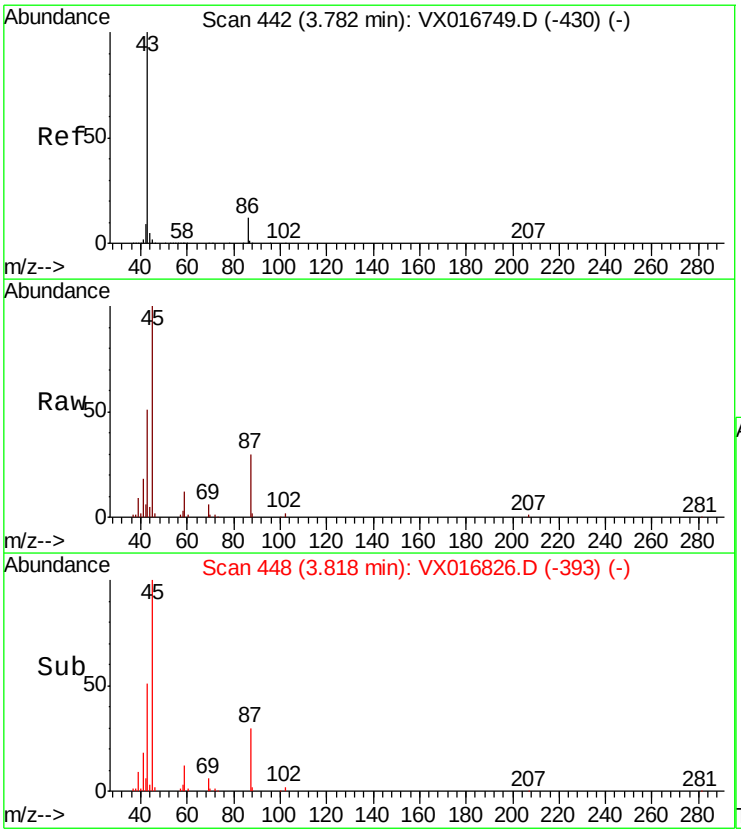
#22
Diisopropyl ether
Concen: 7.913 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument : MSVOA_X
ClientSampleId : LF015MW047-200616

Tgt Ion: 45 Resp: 62075

Ion	Ratio	Lower	Upper
45	100		
43	46.5	56.2	84.4#
87	31.5	26.2	39.4
59	13.1	10.3	15.5

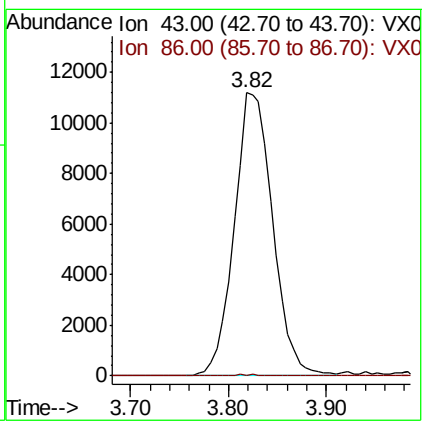


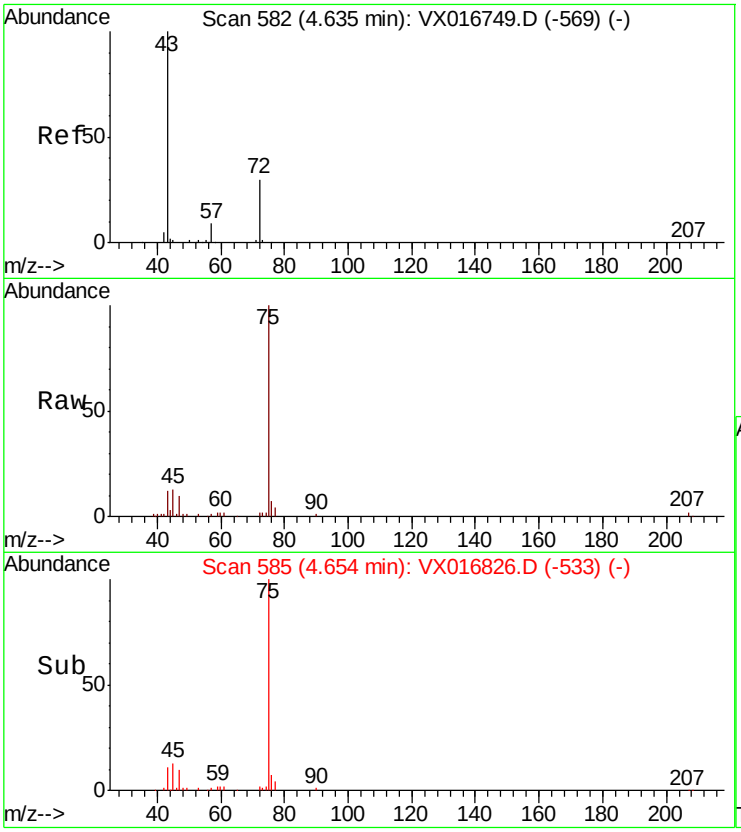


#23
Vinyl Acetate
Concen: 4.508 ug/l
RT: 3.82 min Scan# 448
Delta R.T. 0.04 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 43 Resp: 30566

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.8	14.8#



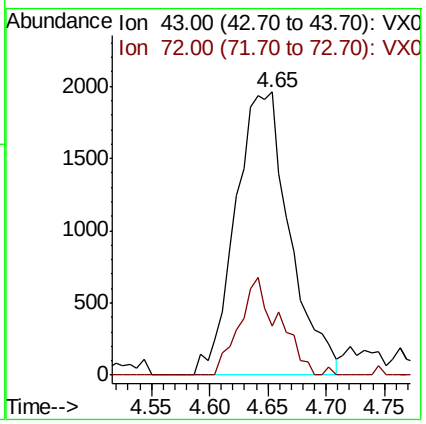


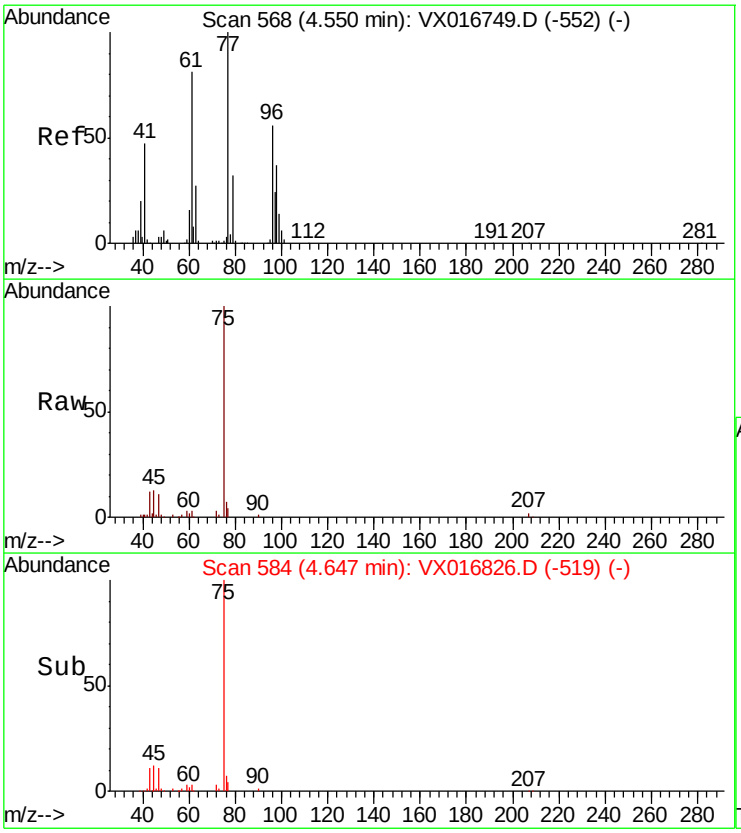
#25
2-Butanone
Concen: 3.017 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 43 Resp: 6339

Ion	Ratio	Lower	Upper
43	100		
72	17.4	24.2	36.4#

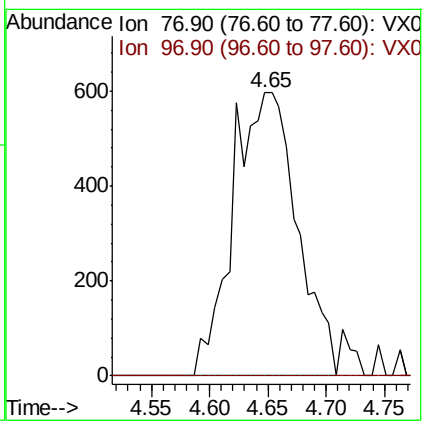


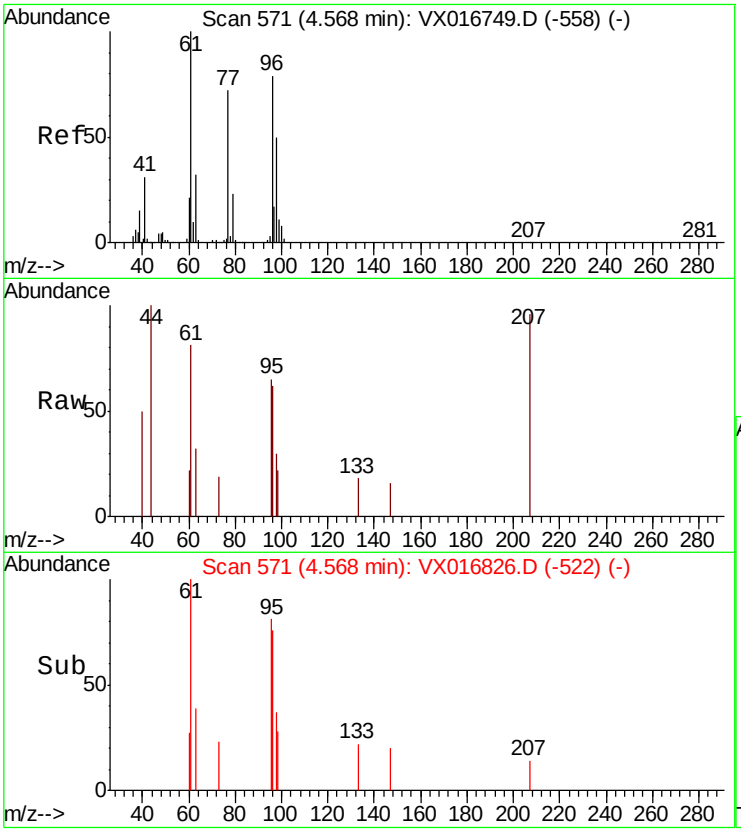


#26
2,2-Dichloropropane
Concen: 0.504 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.10 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 77 Resp: 2290

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.5	34.4#



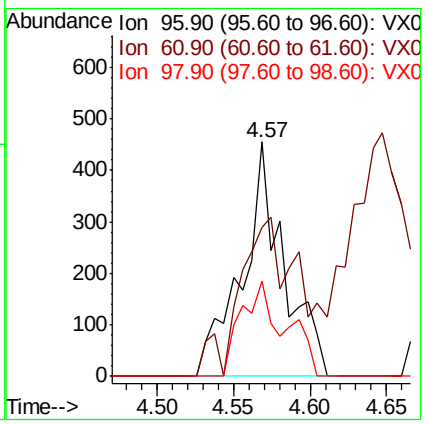


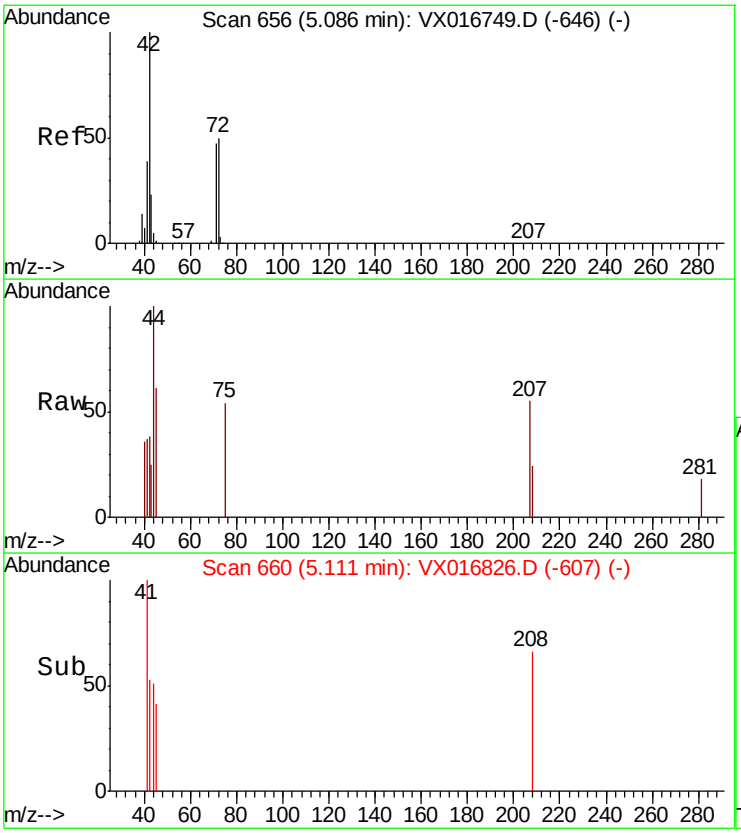
#27
cis-1,2-Dichloroethene
Concen: 0.262 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 96 Resp: 858

Ion	Ratio	Lower	Upper
96	100		
61	99.3	0.0	276.2
98	31.0	0.0	130.0

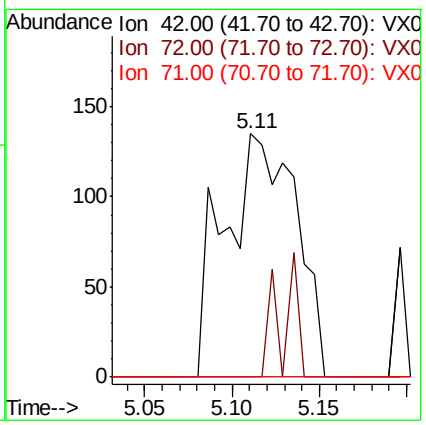


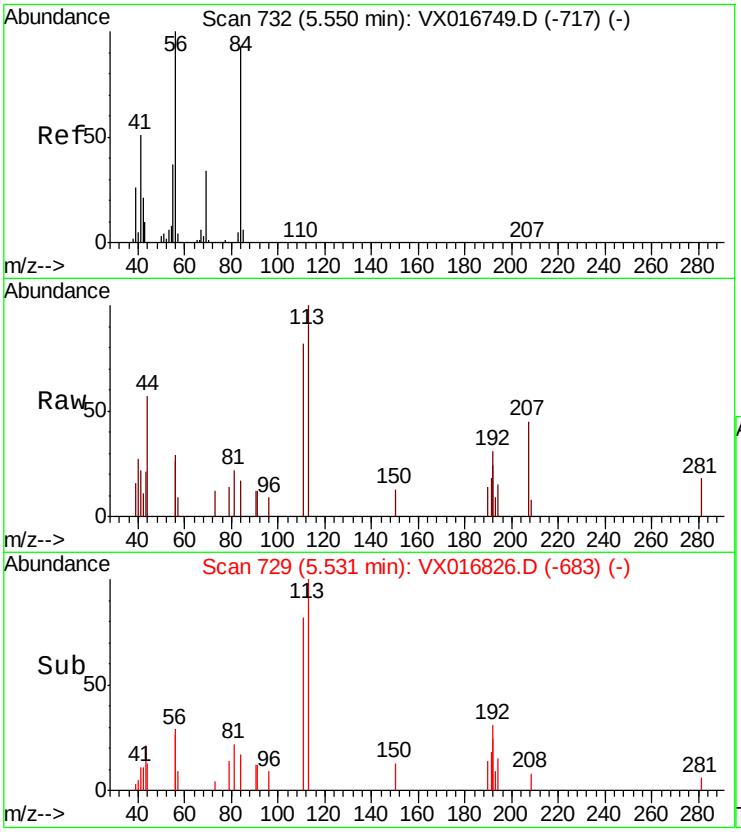


#29
Tetrahydrofuran
Concen: 0.284 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 42 Resp: 387

Ion	Ratio	Lower	Upper
42	100		
72	5.7	41.0	61.6#
71	0.0	38.2	57.4#



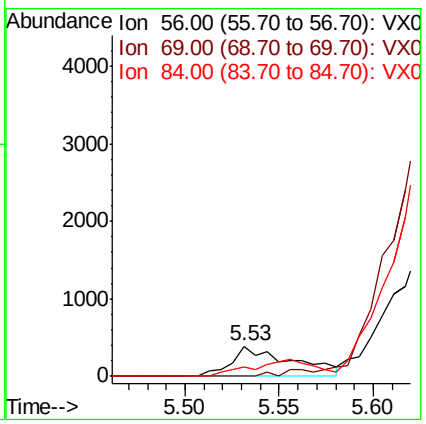


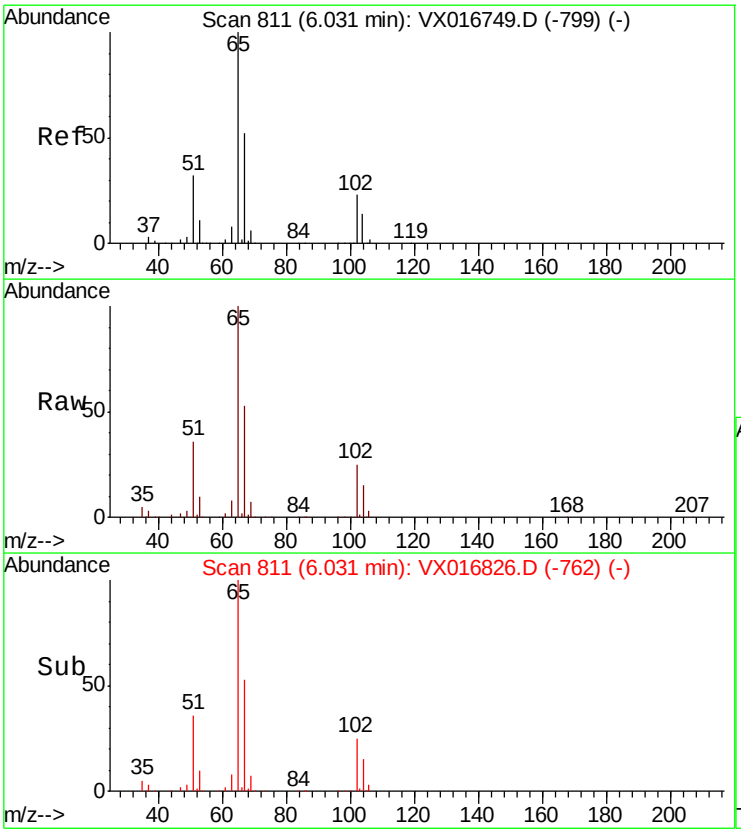
#31
Cyclohexane
Concen: 0.908 ug/l
RT: 5.53 min Scan# 729
Delta R.T. -0.02 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 56 Resp: 856

Ion	Ratio	Lower	Upper
56	100		
69	0.0	27.1	40.7#
84	30.0	74.0	111.0#

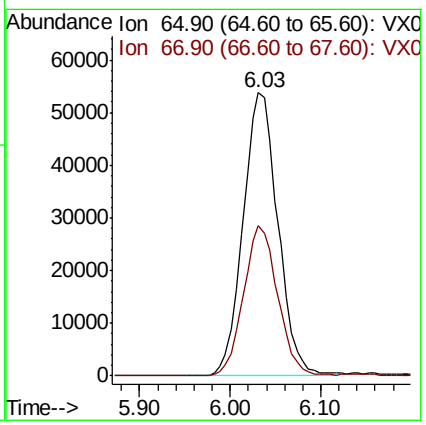


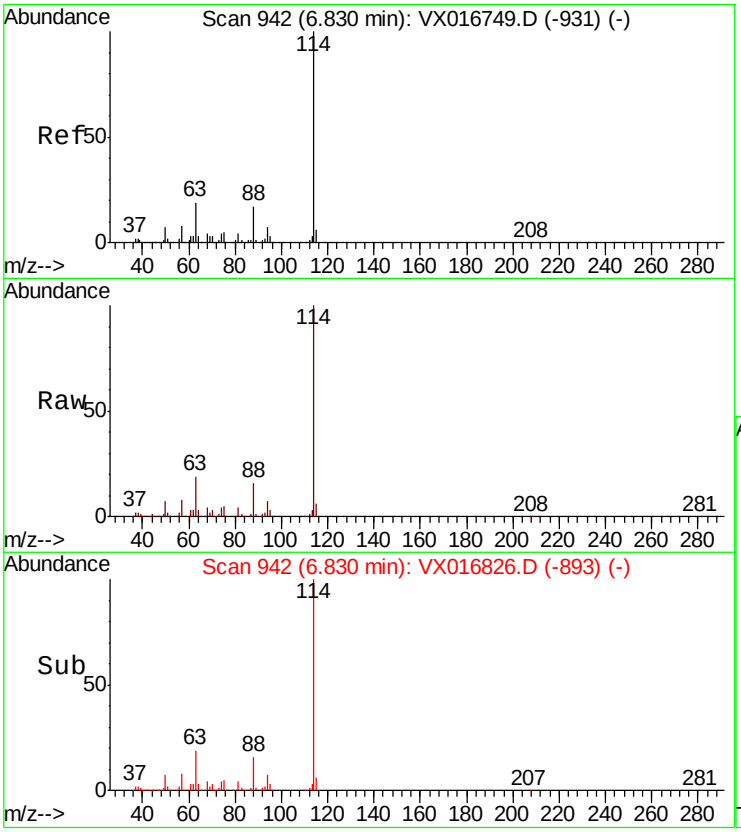


#33
1,2-Dichloroethane-d4
Concen: 46.445 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 65 Resp: 142718

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0



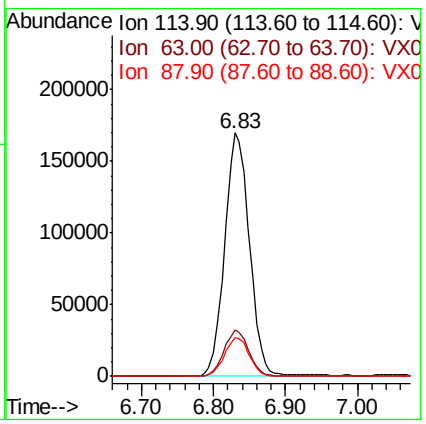


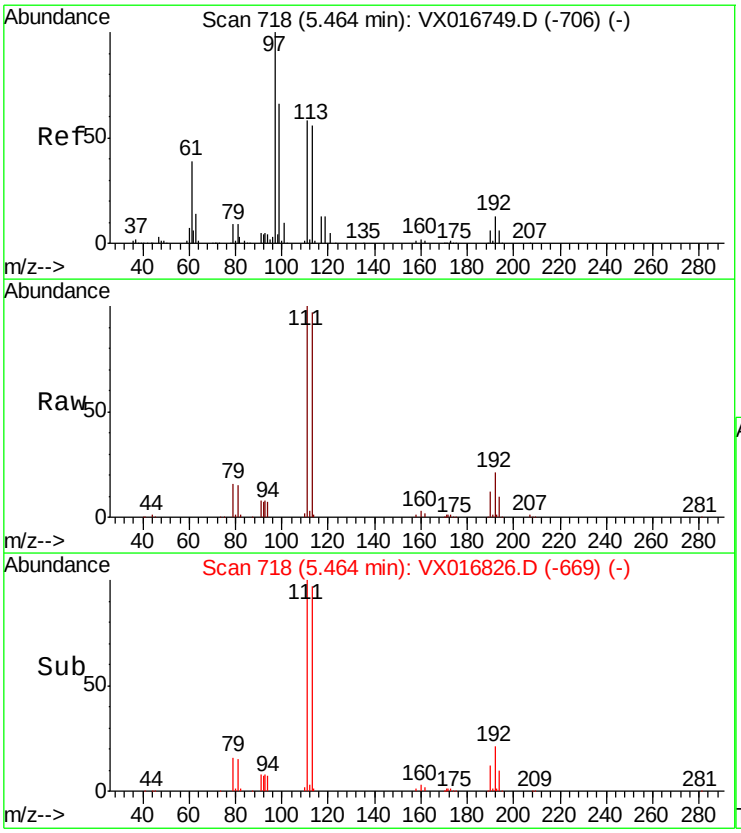
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion:114 Resp: 408531

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.8
88	15.9	0.0	33.4

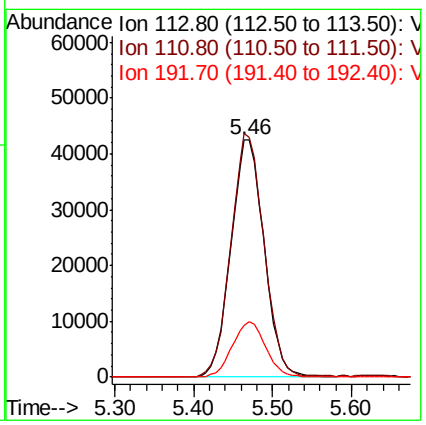


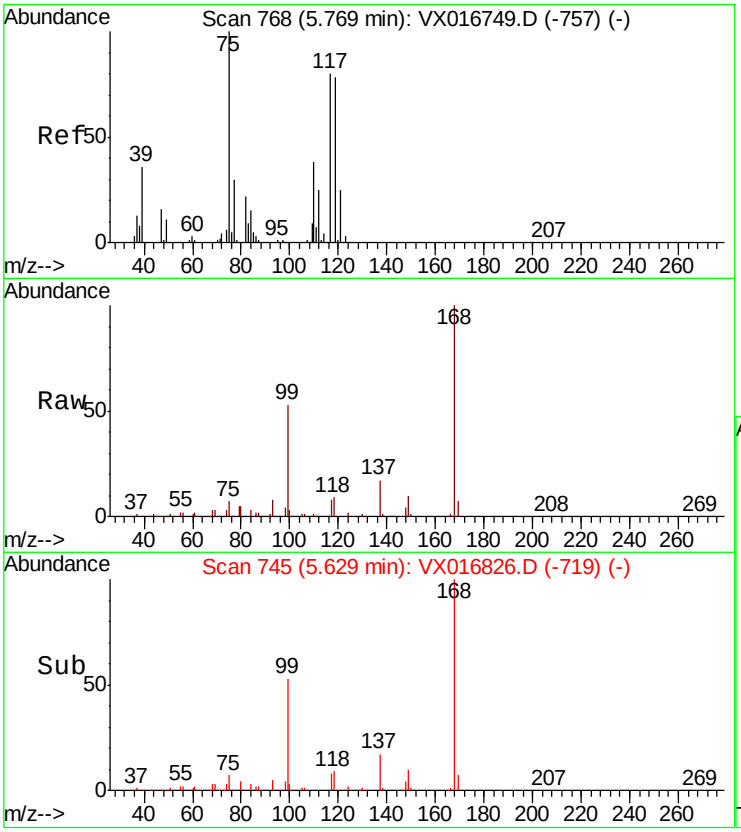


#35
Dibromofluoromethane
Concen: 49.389 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:113 Resp: 124488

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	23.6	18.2	27.4



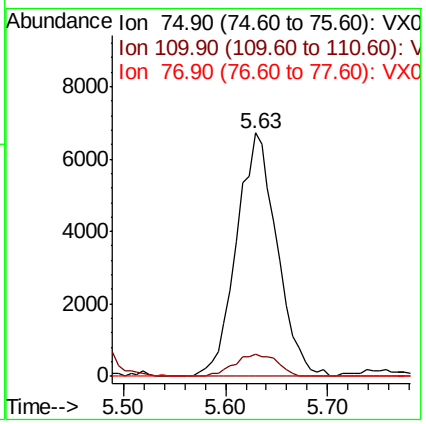


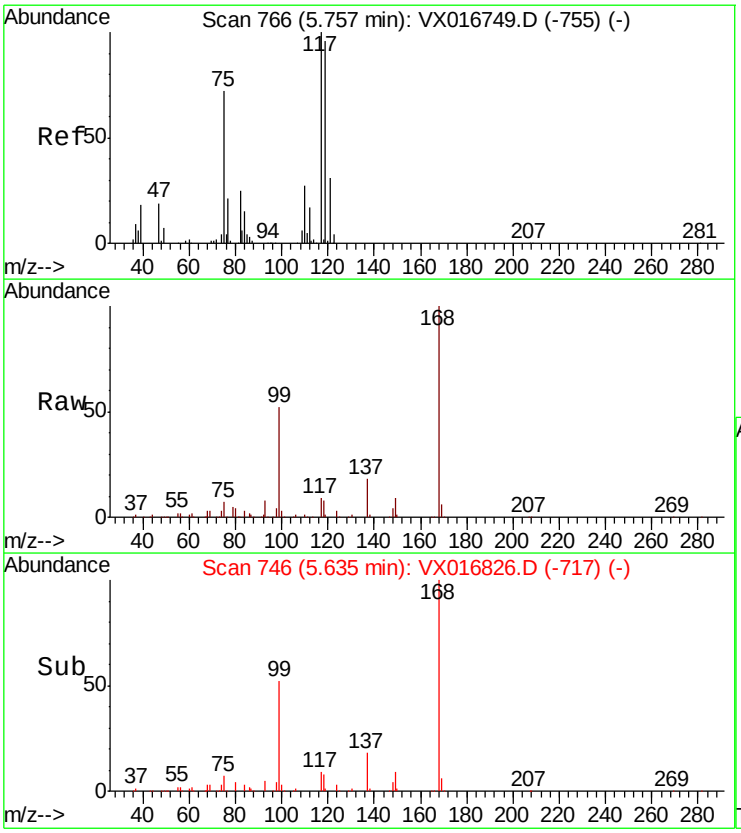
#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 75 Resp: 18440

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.2#
77	0.0	24.7	37.1#

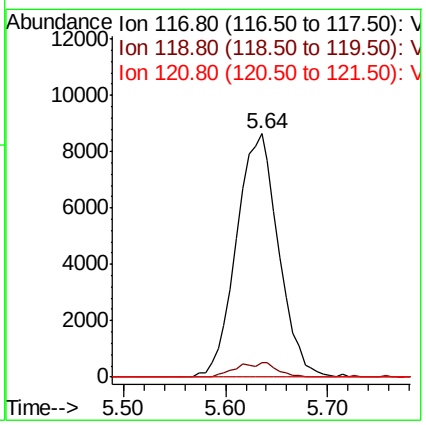


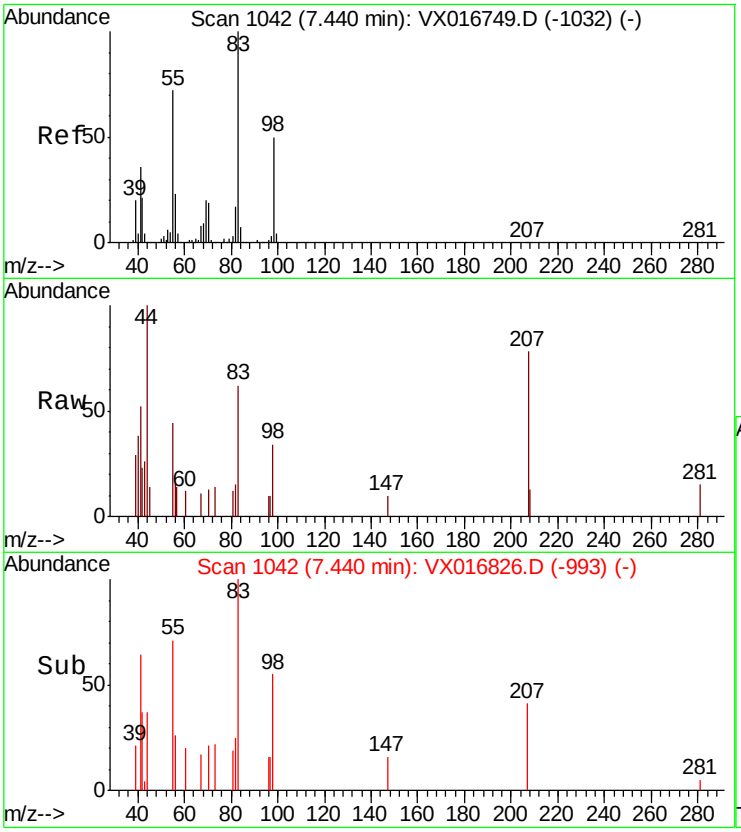


#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:117 Resp: 24708

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.7	115.1#
121	0.0	24.7	37.1#



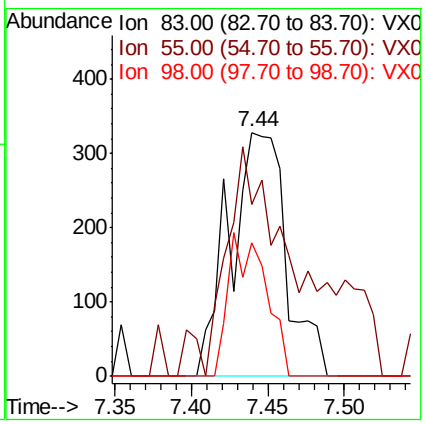


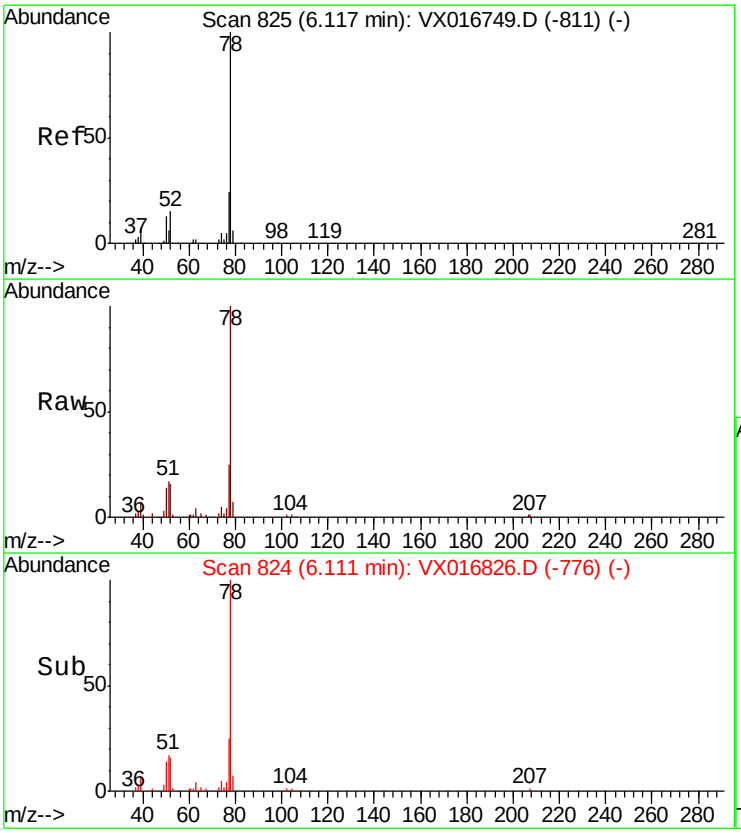
#39
Methylcyclohexane
Concen: 1.152 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 83 Resp: 850

Ion	Ratio	Lower	Upper
83	100		
55	51.8	57.3	85.9#
98	54.6	40.3	60.5

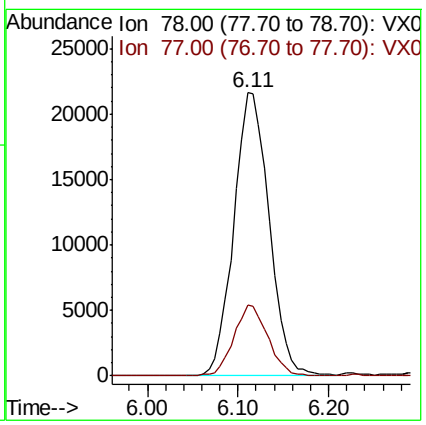


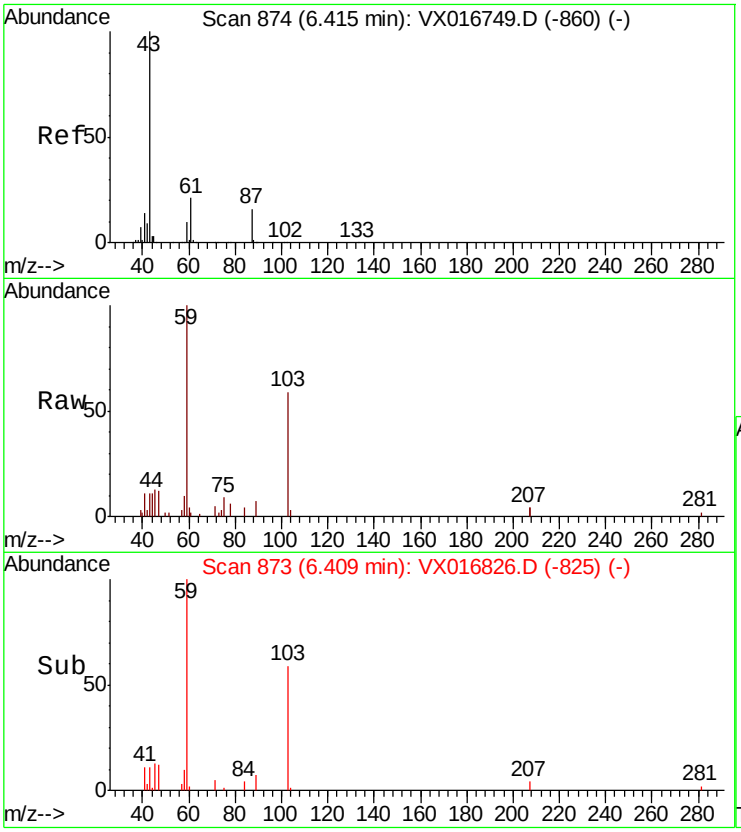


#40
Benzene
Concen: 5.327 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 78 Resp: 58550

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.4



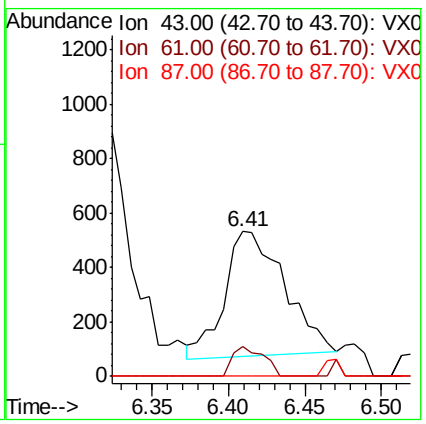


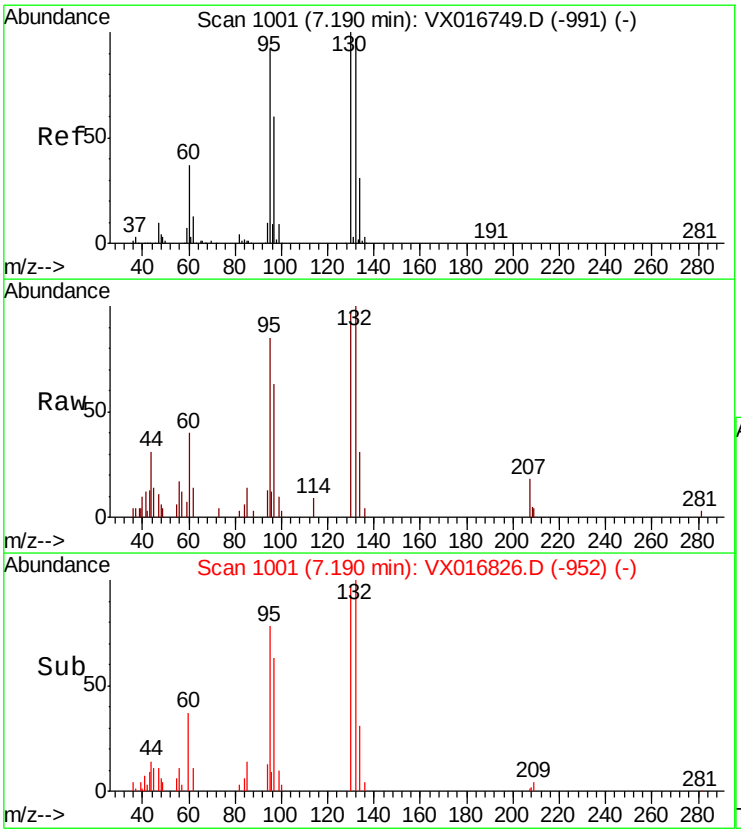
#43
Isopropyl Acetate
Concen: 0.204 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 43 Resp: 1261

Ion	Ratio	Lower	Upper
43	100		
61	12.1	17.7	26.5#
87	0.0	12.5	18.7#

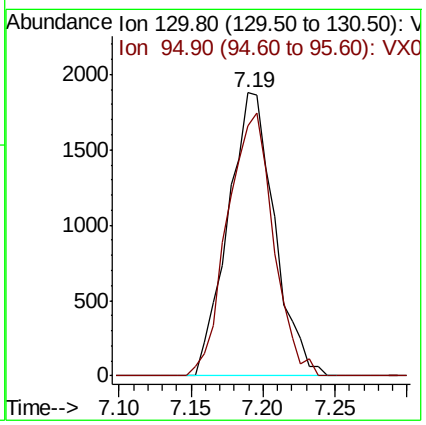


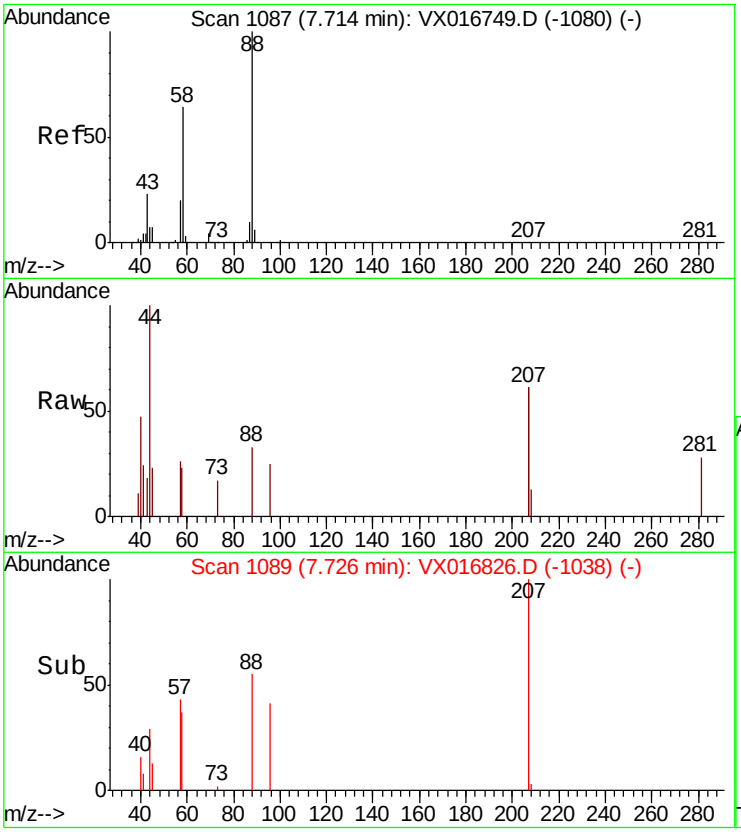


#44
Trichloroethene
Concen: 1.242 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:130 Resp: 4223

Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	183.6



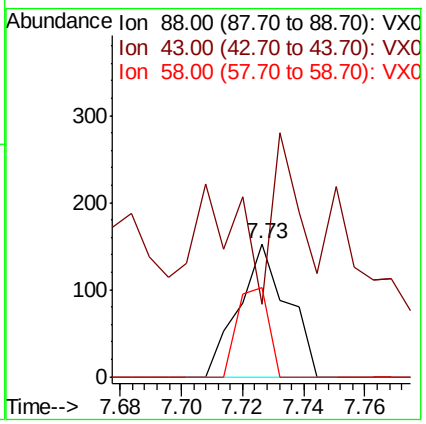


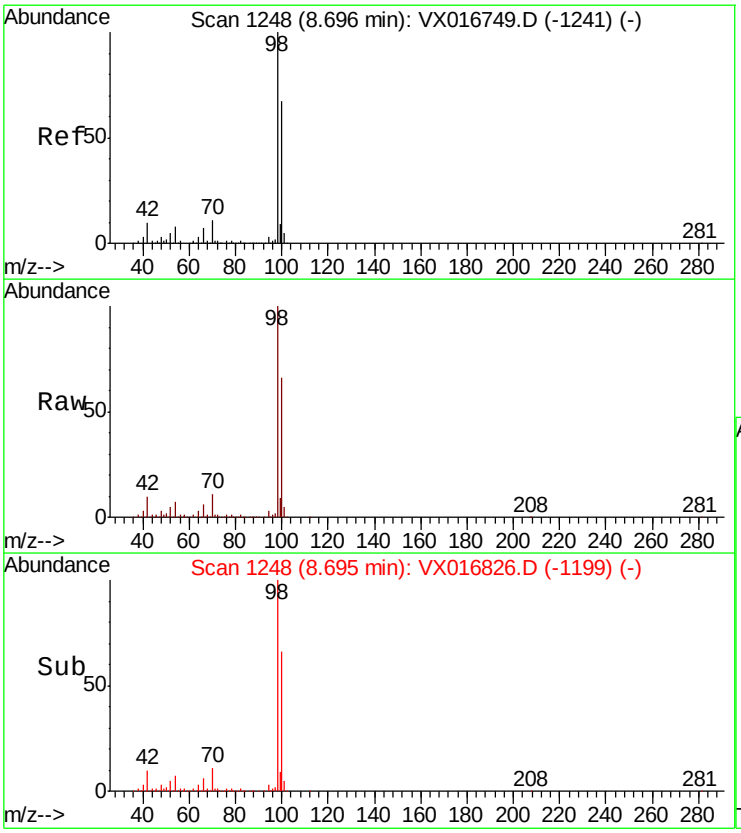
#49
1,4-Dioxane
Concen: 2.311 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 88 Resp: 168

Ion	Ratio	Lower	Upper
88	100		
43	73.8	22.9	34.3#
58	42.9	53.7	80.5#

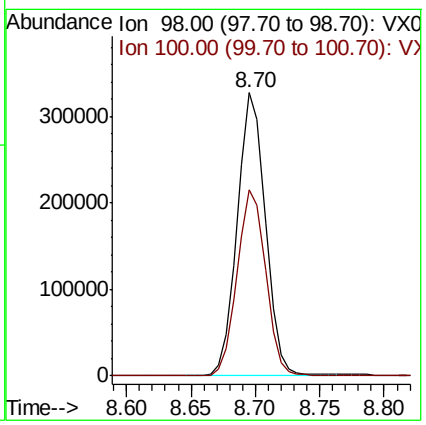


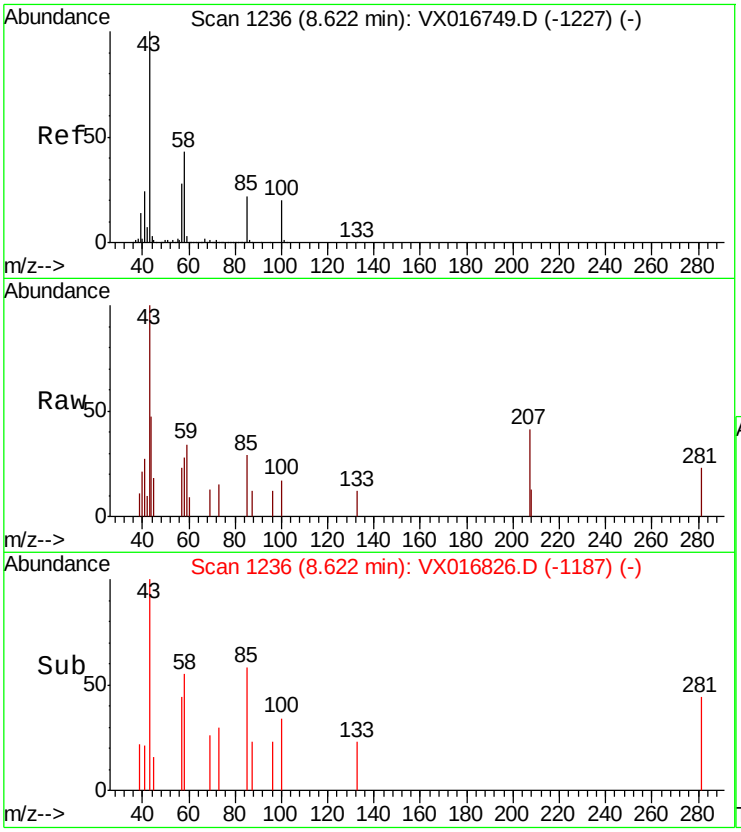


#50
Toluene-d8
Concen: 53.476 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 98 Resp: 497008

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9



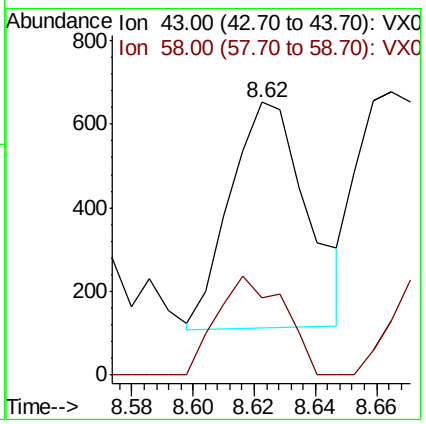


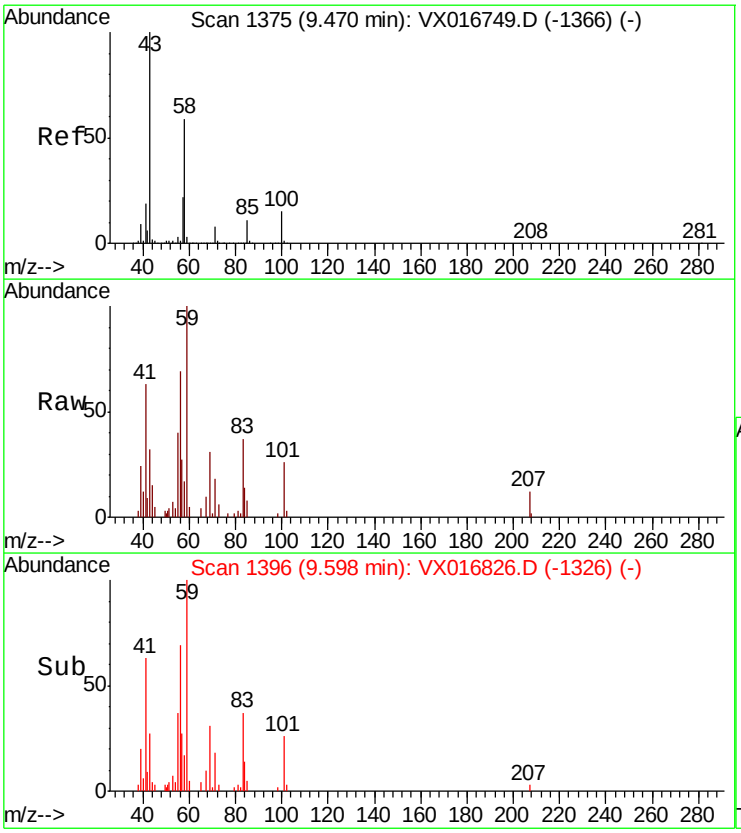
#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 43 Resp: 937

Ion	Ratio	Lower	Upper
43	100		
58	38.5	34.6	52.0

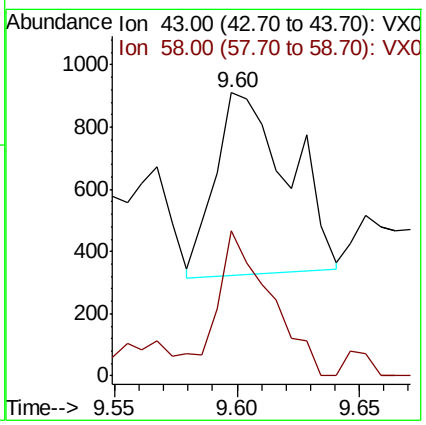


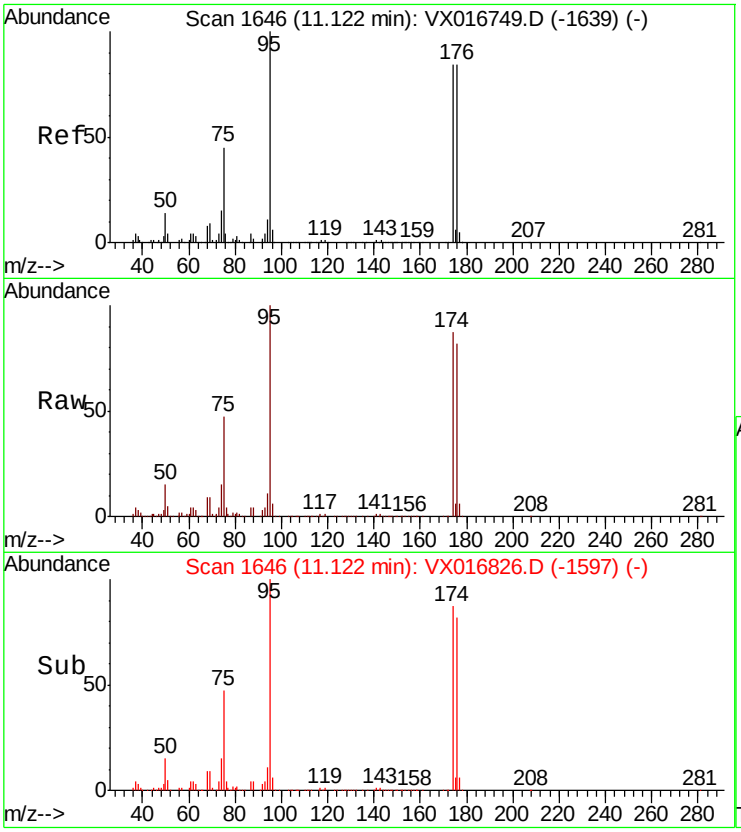


#59
2-Hexanone
Concen: 0.418 ug/l
RT: 9.60 min Scan# 1396
Delta R.T. 0.13 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 43 Resp: 1231

Ion	Ratio	Lower	Upper
43	100		
58	58.0	29.9	89.8



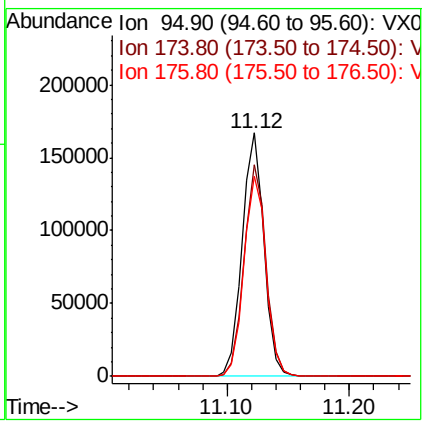


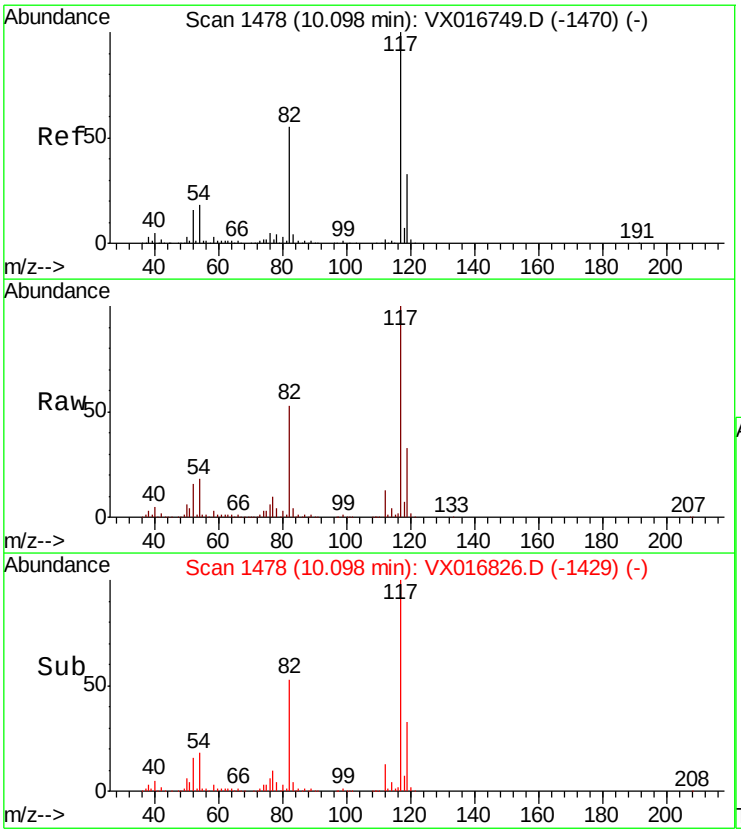
#62
4-Bromofluorobenzene
Concen: 57.926 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 95 Resp: 205925

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	171.0
176	84.1	0.0	166.2

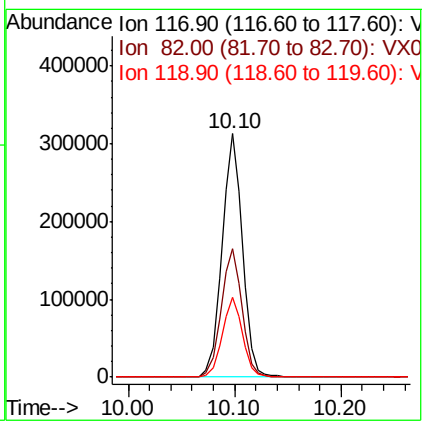


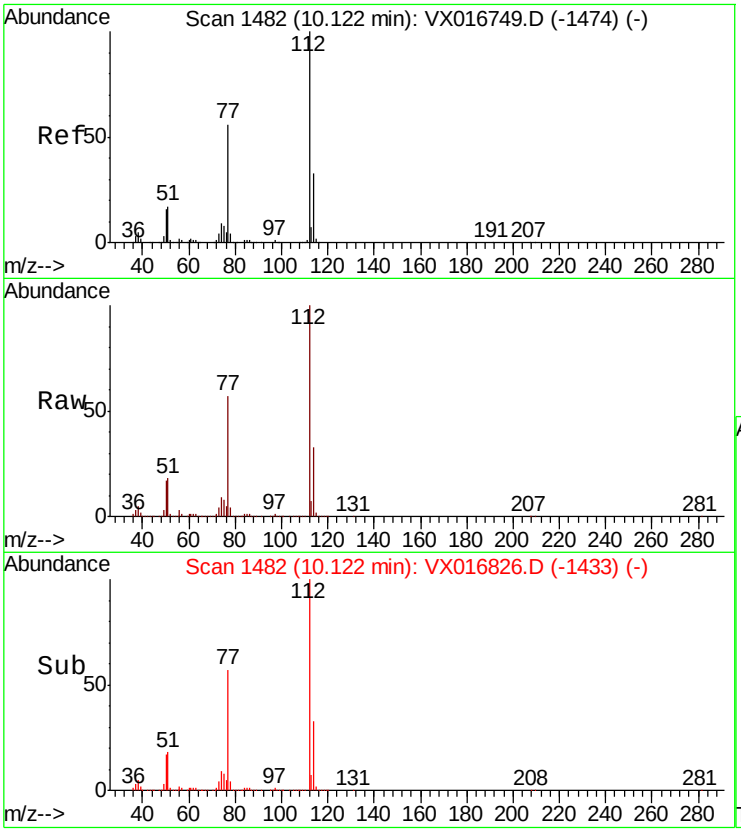


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:117 Resp: 418031

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.8	65.6
119	32.7	26.2	39.4



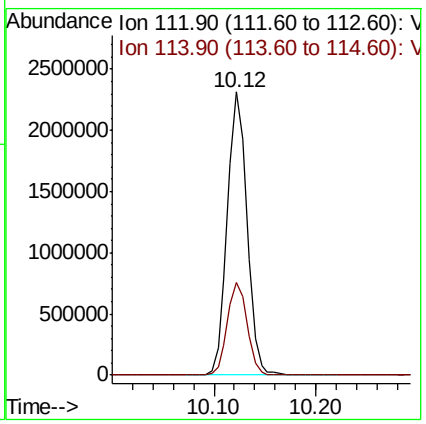


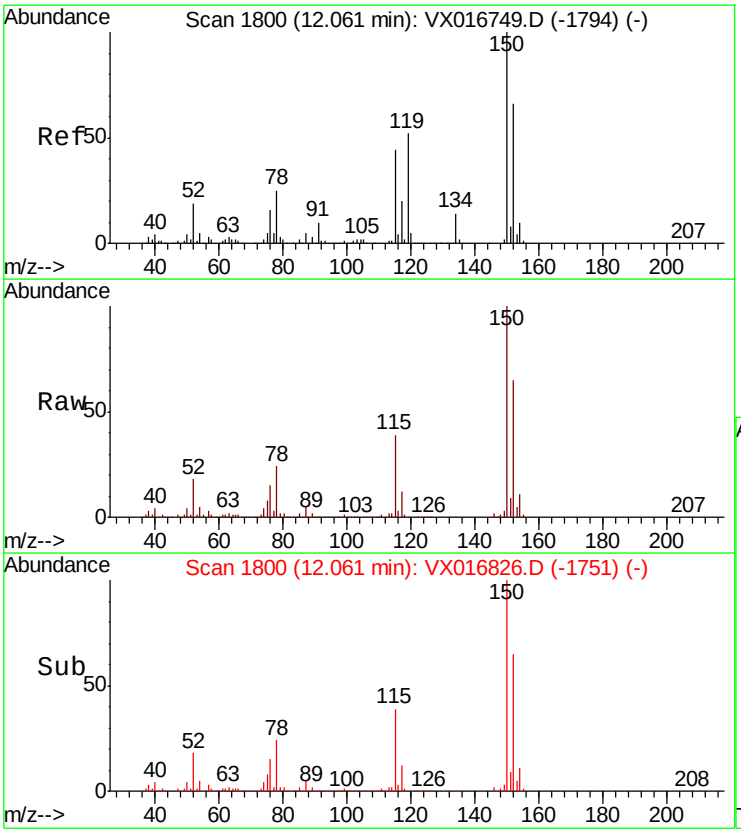
#65
Chlorobenzene
Concen: 363.576 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion:112 Resp: 3083949

Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.4

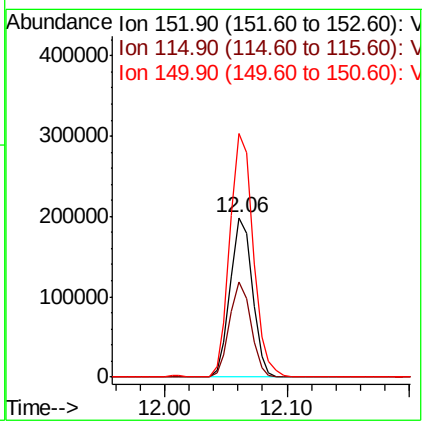


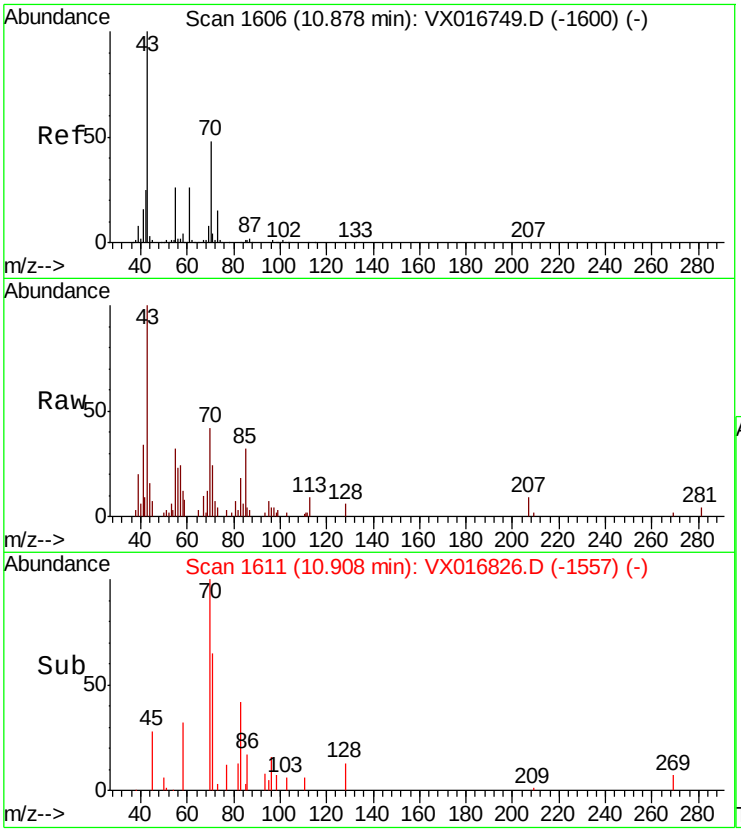


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:152 Resp: 246634

Ion	Ratio	Lower	Upper
152	100		
115	58.1	40.3	120.8
150	161.1	0.0	337.4



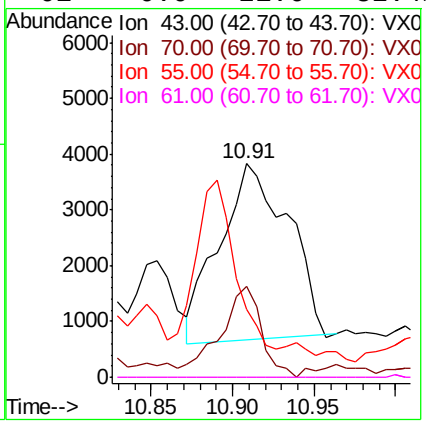


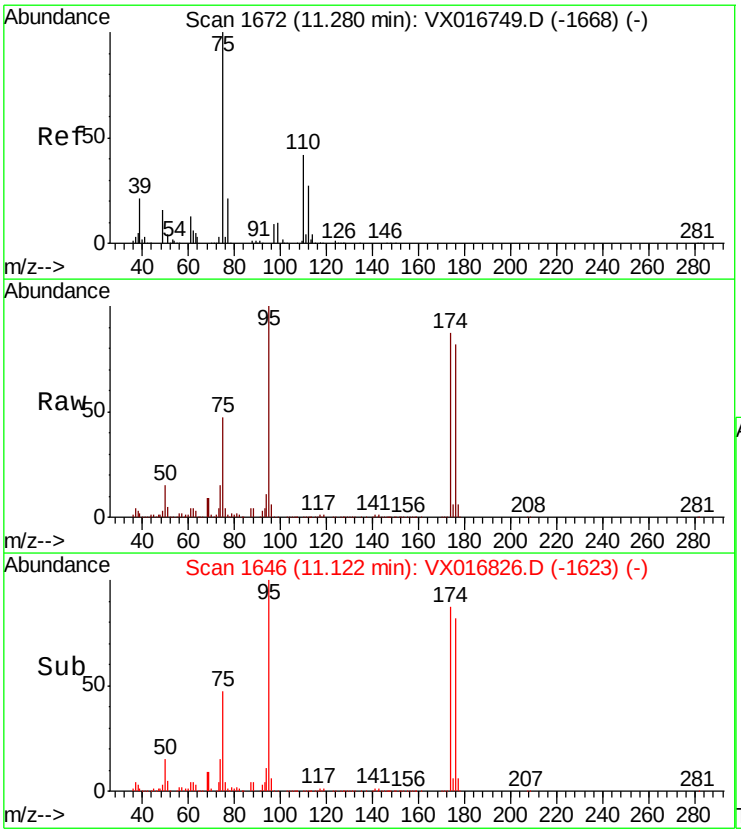
#74
N-amyl acetate
Concen: 1.471 ug/l
RT: 10.91 min Scan# 1611
Delta R.T. 0.03 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 43 Resp: 9255

Ion	Ratio	Lower	Upper
43	100		
70	30.9	39.8	59.6#
55	53.7	21.7	32.5#
61	0.0	21.6	32.4#

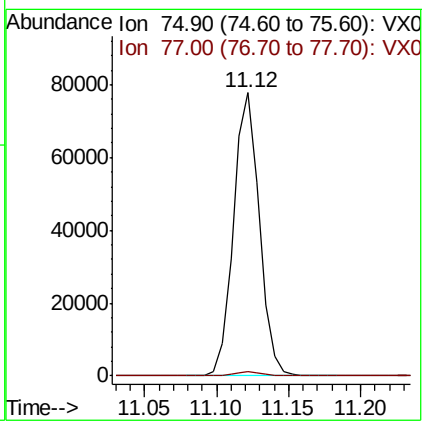


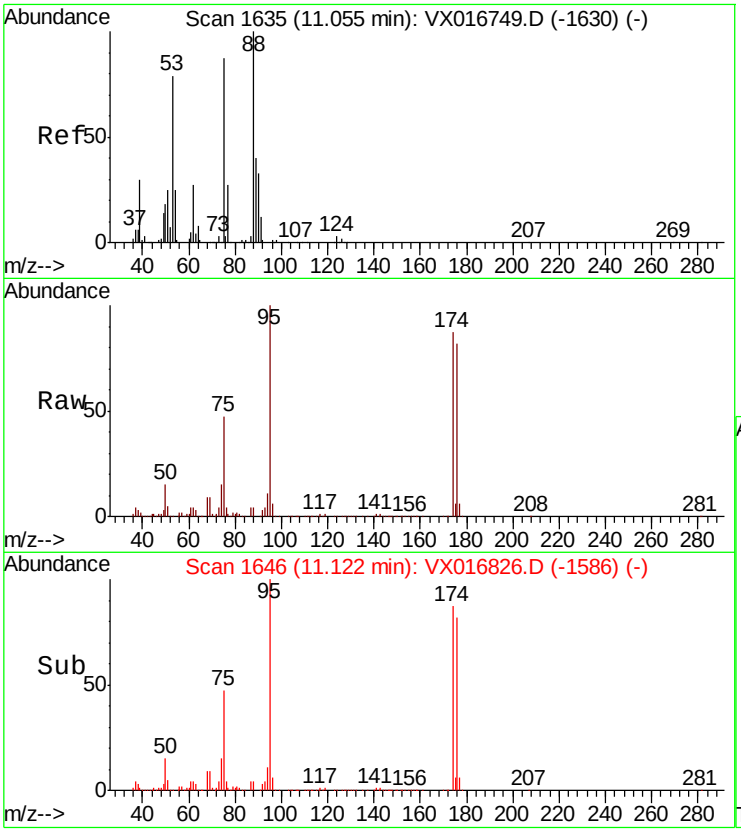


#76
1,2,3-Trichloropropane
Concen: 18.833 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 75 Resp: 97677

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.3	60.9#



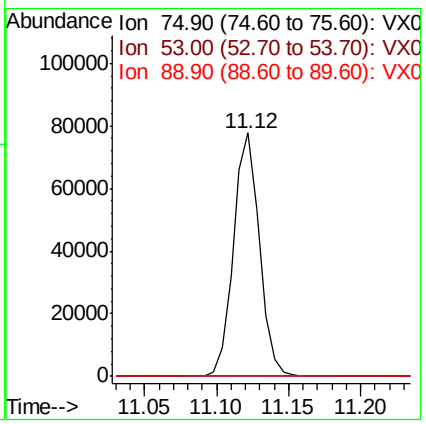


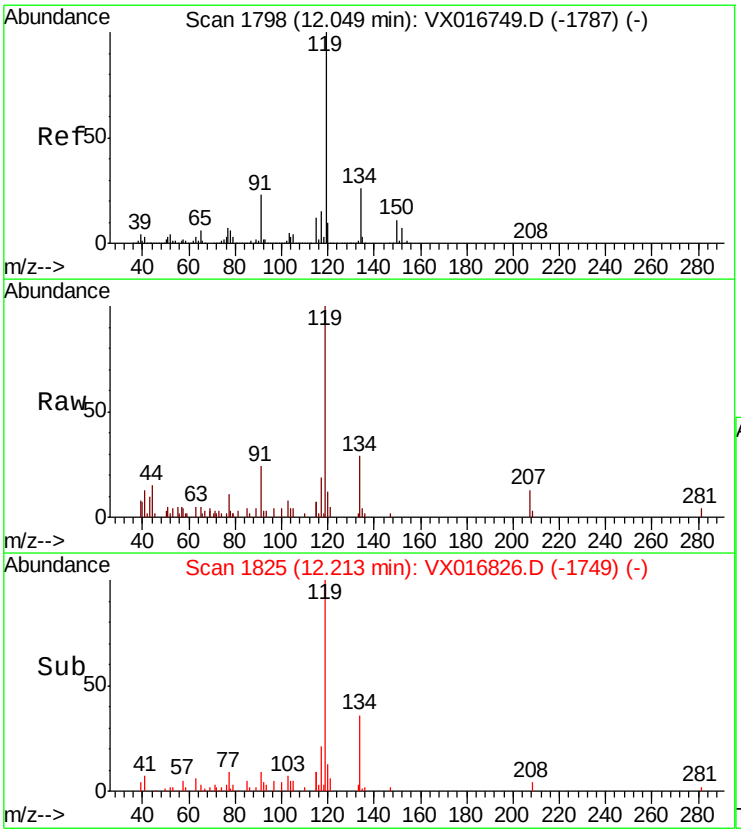
#81
trans-1,4-Dichloro-2-butene
Concen: 47.410 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion: 75 Resp: 97677

Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.4	107.0#
89	0.0	39.1	58.7#

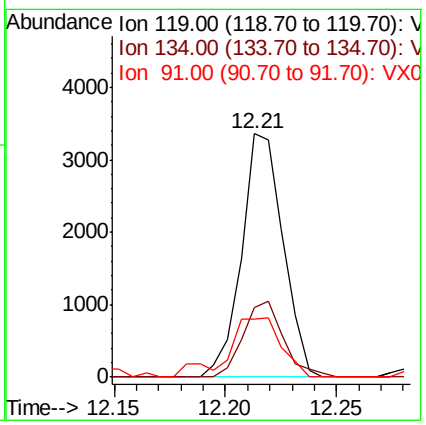


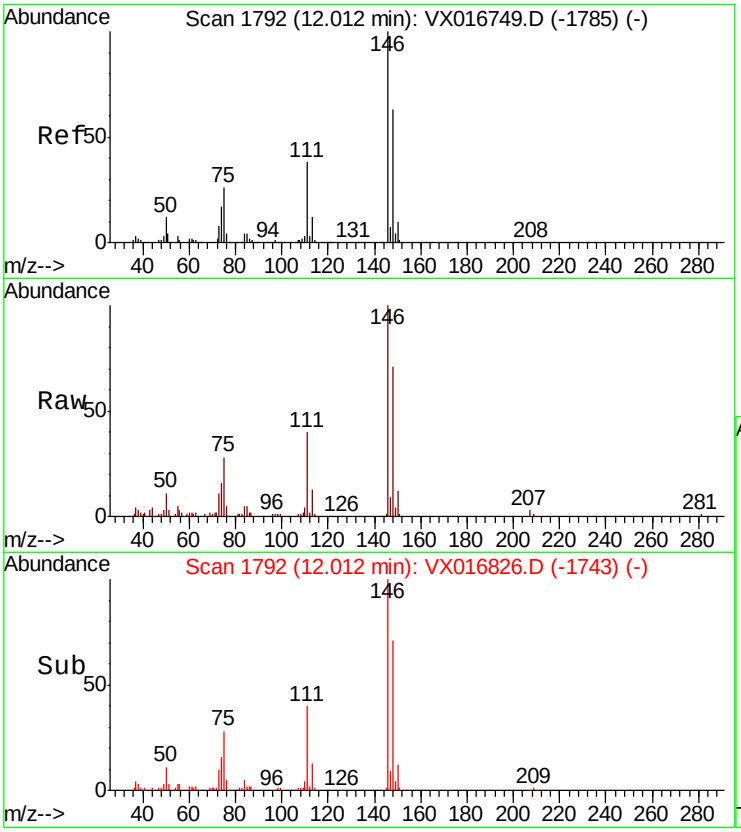


#86
p-Isopropyltoluene
Concen: 0.313 ug/l
RT: 12.21 min Scan# 1825
Delta R.T. 0.16 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:119 Resp: 4360

Ion	Ratio	Lower	Upper
119	100		
134	30.4	13.0	38.9
91	31.3	11.6	34.7



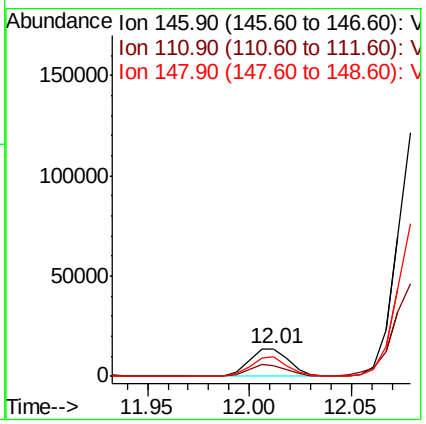


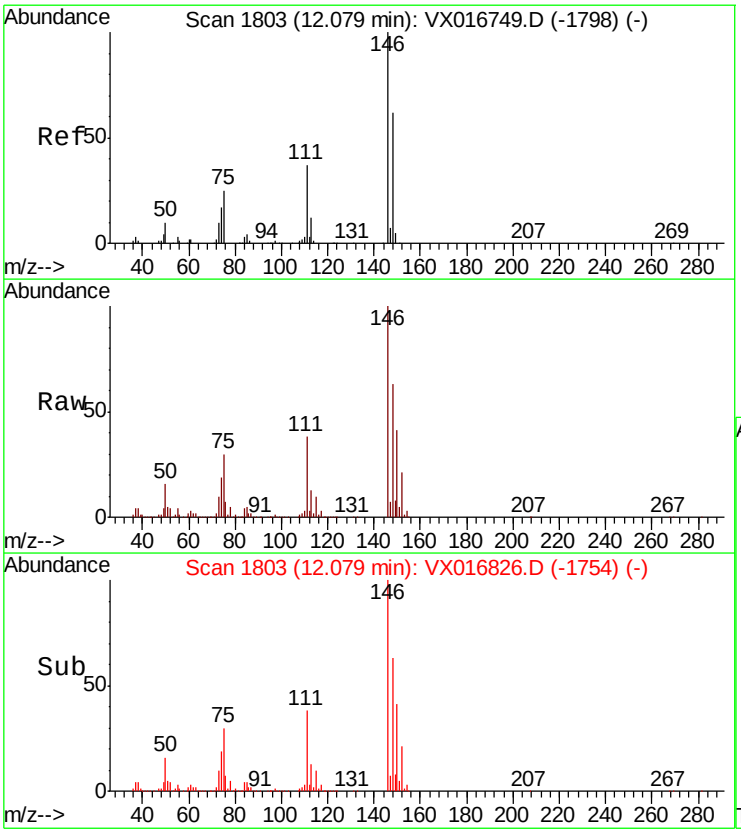
#87
1,3-Dichlorobenzene
Concen: 2.409 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion:146 Resp: 18613

Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.3
148	66.8	31.9	95.7

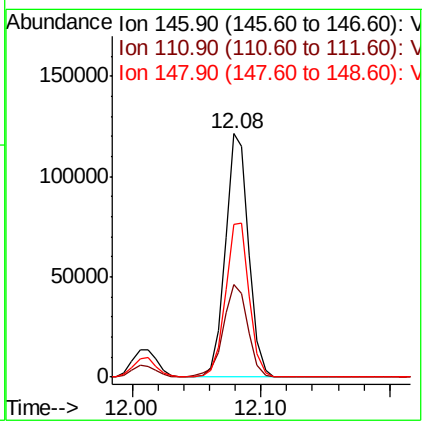


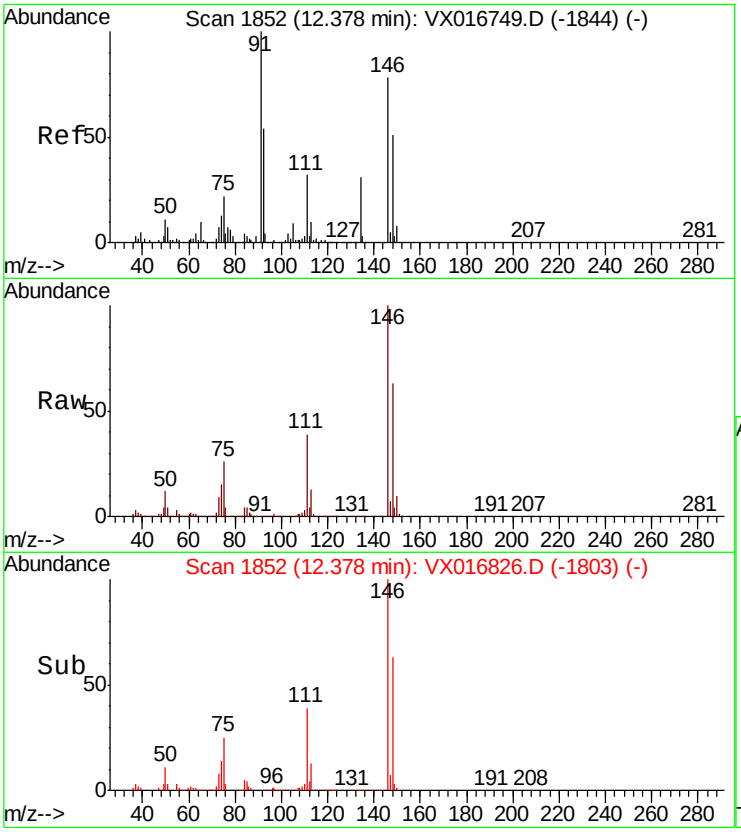


#88
1,4-Dichlorobenzene
Concen: 19.095 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:146 Resp: 152970

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.3	57.8
148	64.9	32.1	96.5



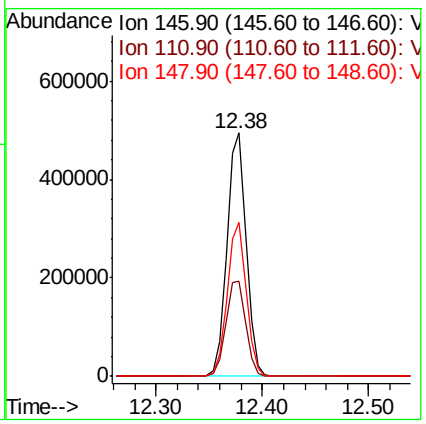


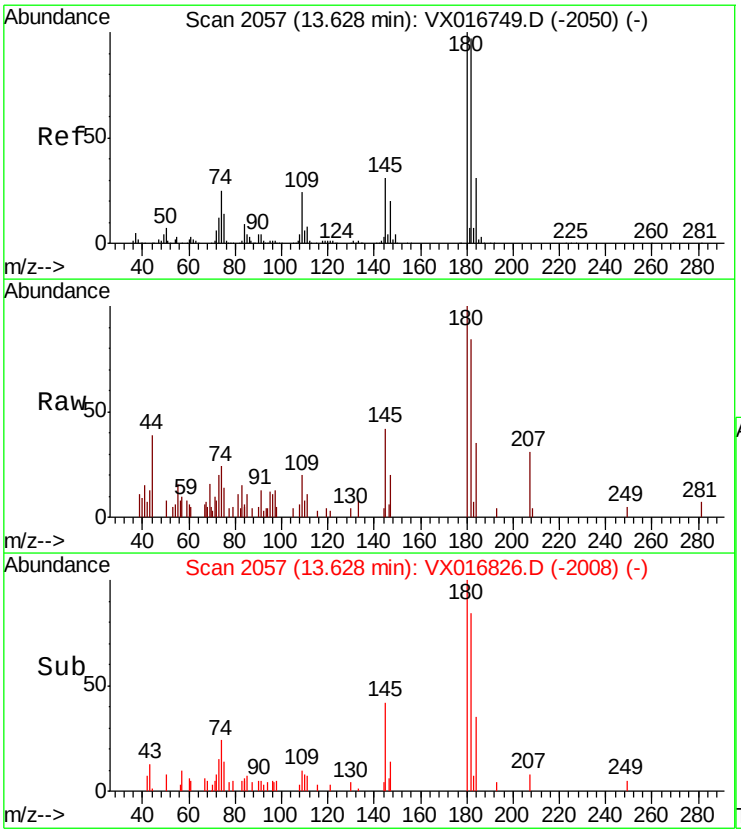
#91
1,2-Dichlorobenzene
Concen: 80.906 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion:146 Resp: 625014

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.8	62.2
148	62.4	32.1	96.5

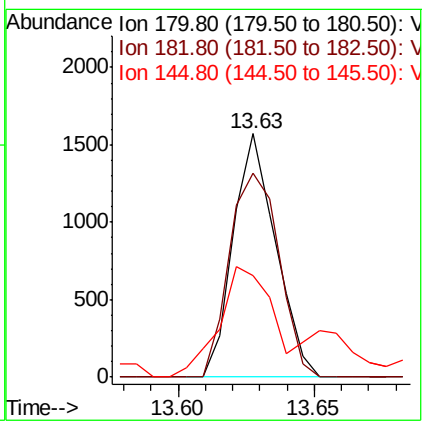


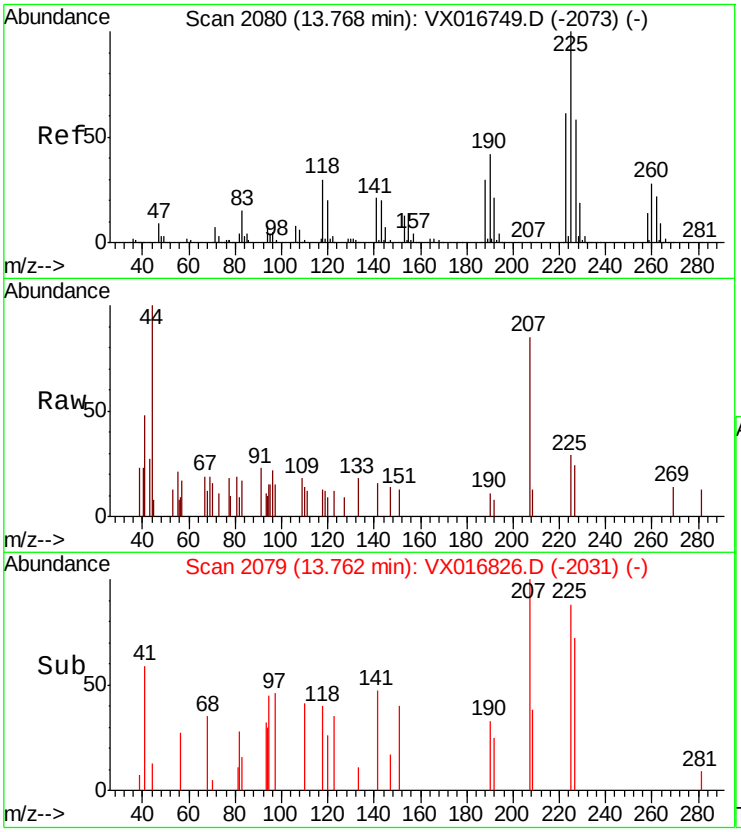


#93
1,2,4-Trichlorobenzene
Concen: 0.315 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Tgt Ion:180 Resp: 1705

Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.6	145.8
145	60.6	15.4	46.4#





#94
Hexachlorobutadiene
Concen: 0.488 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016826.D
Acq: 17 Jun 2020 18:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616

Tgt Ion:225 Resp: 179

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.5#
227	74.3	30.9	92.7