Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051820\
Data File : VX016307.D
Acq On : 18 May 2020 18:26
Operator : JC/SP
Sample : L2649-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0685

Quant Time: May 19 00:49:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	279537	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	454343	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	448762	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233652	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	160464	43.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.24%				
35) Dibromofluoromethane	5.47	113	129407	44.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.92%				
50) Toluene-d8	8.70	98	552708	49.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.66%				
62) 4-Bromofluorobenzene	11.12	95	227157	53.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	1624	0.549	ug/l		89
4) Vinyl Chloride	1.39	62	134849	36.783	ug/l		98
11) Tert butyl alcohol	3.01	59	837	0.900	ug/l	#	89
12) 1,1-Dichloroethene	2.36	96	864	0.297	ug/l		88
13) Acrolein	2.28	56	522	0.897	ug/l	#	60
16) Acetone	2.42	43	7528	4.587	ug/l		99
17) Carbon Disulfide	2.56	76	4598	0.321	ug/l	#	84
18) Methyl Acetate	2.76	43	809	0.200	ug/l	#	79
21) trans-1,2-Dichloroethene	3.15	96	5972	1.844	ug/l		82
25) 2-Butanone	4.65	43	1457	0.551	ug/l	#	85
27) cis-1,2-Dichloroethene	4.57	96	64194	18.133	ug/l		84
29) Tetrahydrofuran	5.10	42	1160	0.662	ug/l	#	74
31) Cyclohexane	5.64	56	5160	1.010	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	20175	4.511	ug/l	#	50
38) Carbon Tetrachloride	5.63	117	26713	5.876	ug/l	#	14
44) Trichloroethene	7.19	130	7673	1.650	ug/l		98
69) o-Xylene	10.68	106	1639	0.271	ug/l		87
73) Isopropylbenzene	11.01	105	4109	0.242	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.30	83	23	2.056	ug/l	#	26
76) 1,2,3-Trichloropropane	11.12	75	110983	20.932	ug/l	#	35
78) n-propylbenzene	11.34	91	6695	0.339	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.12	75	110983	49.882	ug/l	#	13
85) sec-Butylbenzene	11.93	105	4507	0.270	ug/l	#	77
90) Hexachloroethane	12.69	117	2771	1.041	ug/l	#	10
94) Hexachlorobutadiene	13.76	225	122	0.573	ug/l	#	55

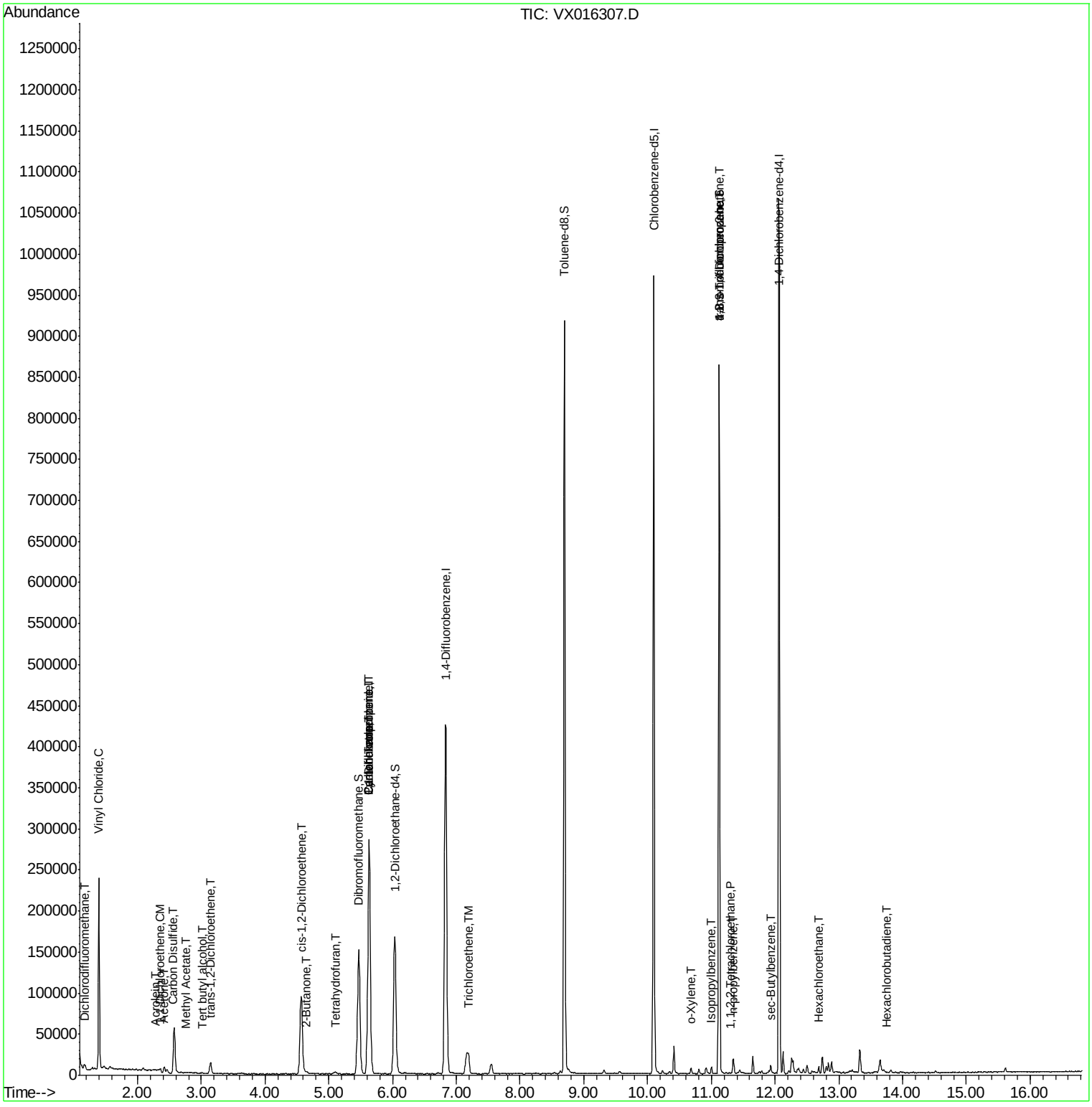
(#) = qualifier out of range (m) = manual integration (+) = signals summed

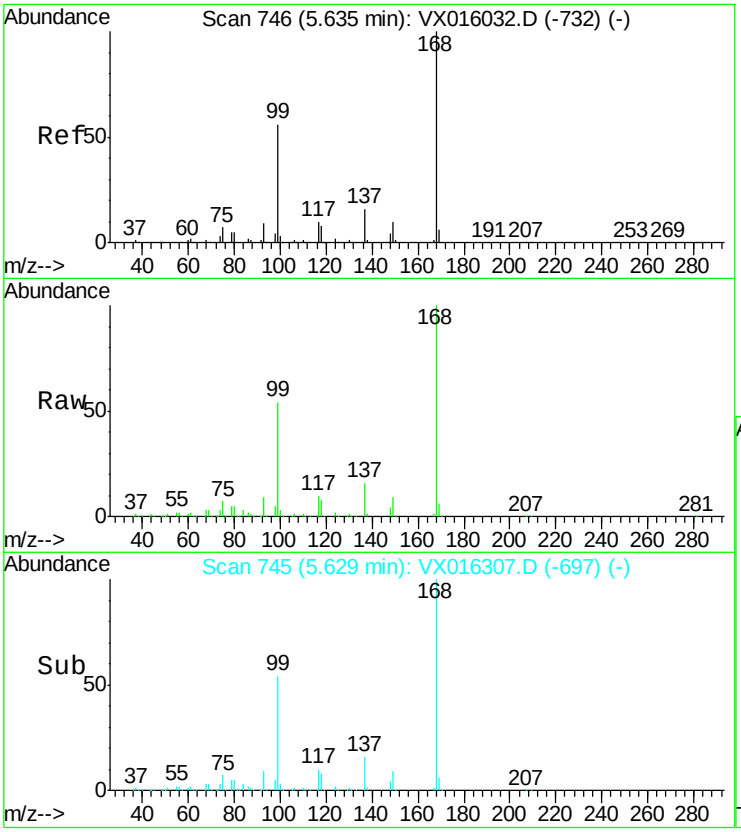
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051820\
Data File : VX016307.D
Acq On : 18 May 2020 18:26
Operator : JC/SP
Sample : L2649-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Quant Time: May 19 00:49:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



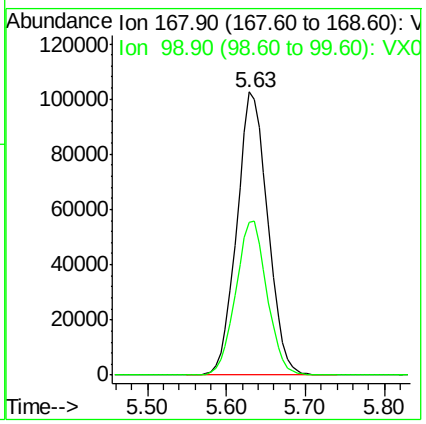


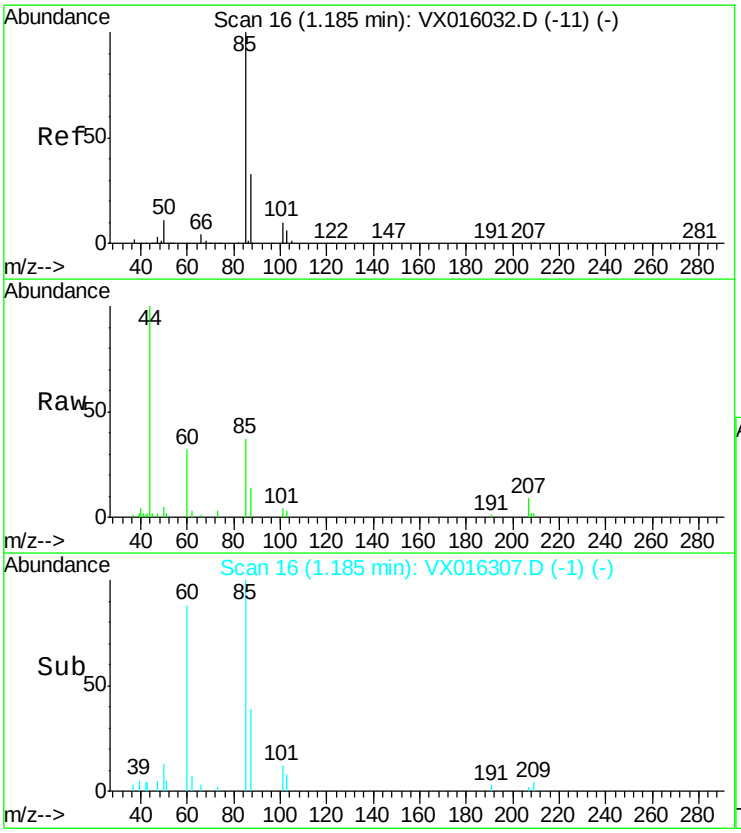
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion:168 Resp: 279537

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.0	67.4

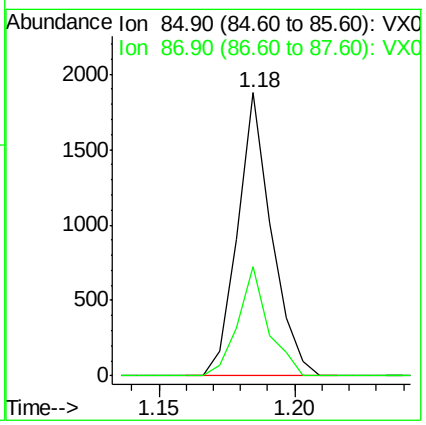


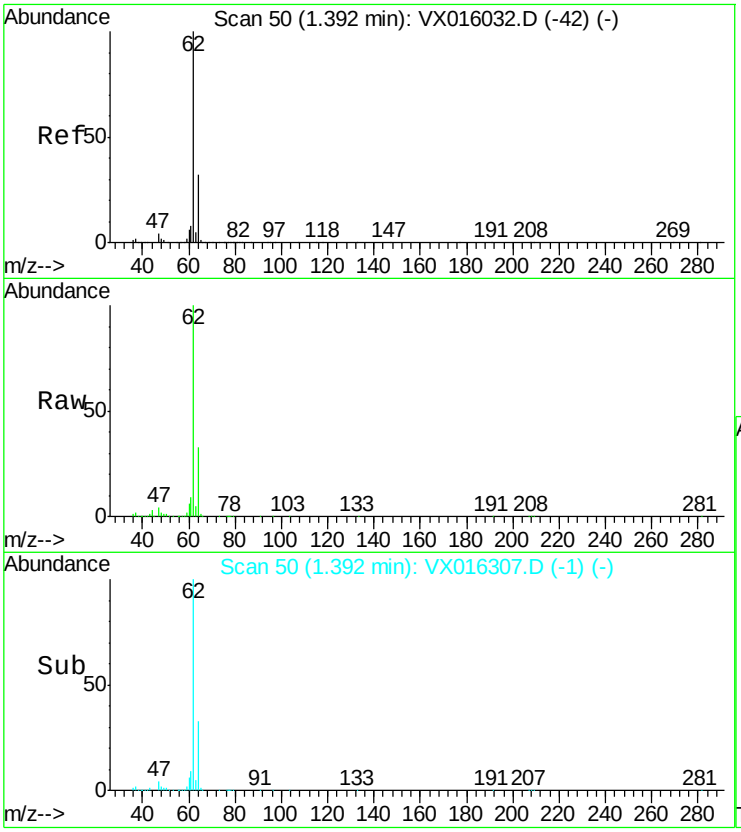


#2
Dichlorodifluoromethane
Concen: 0.549 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 85 Resp: 1624

Ion	Ratio	Lower	Upper
85	100		
87	38.6	16.4	49.1



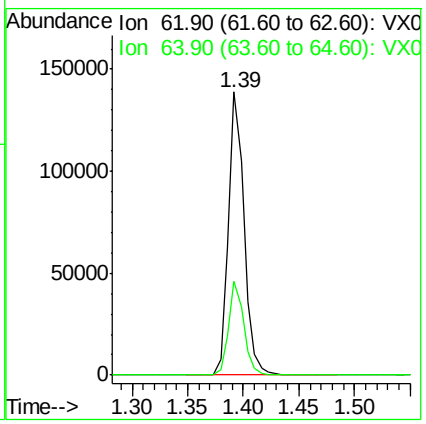


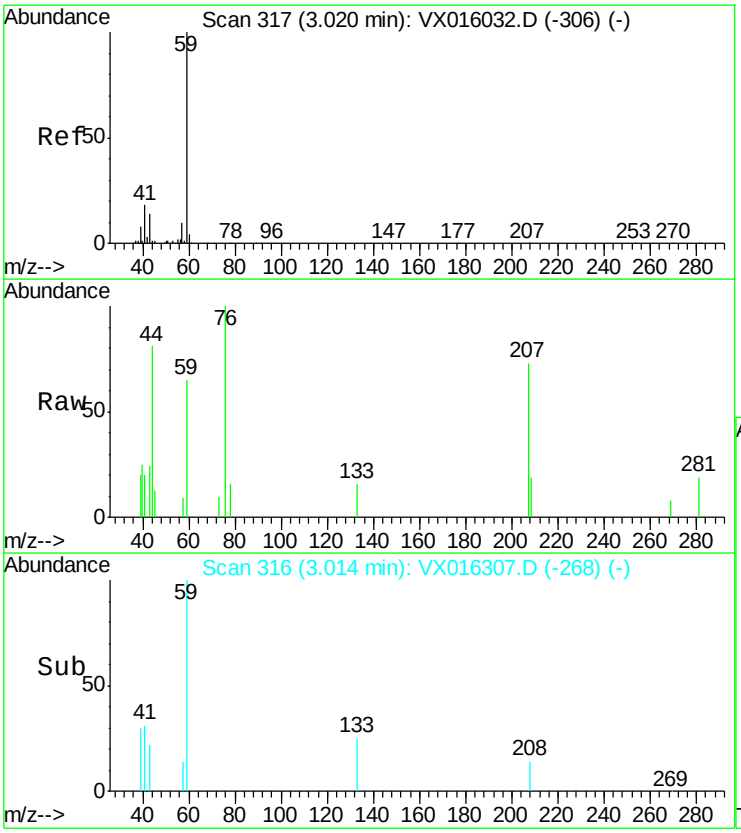
#4
Vinyl Chloride
Concen: 36.783 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Tgt Ion: 62 Resp: 134849

Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.7	38.5

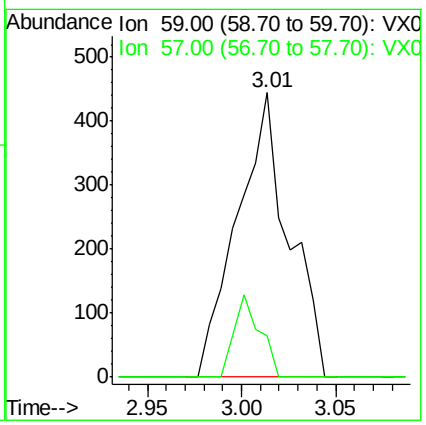


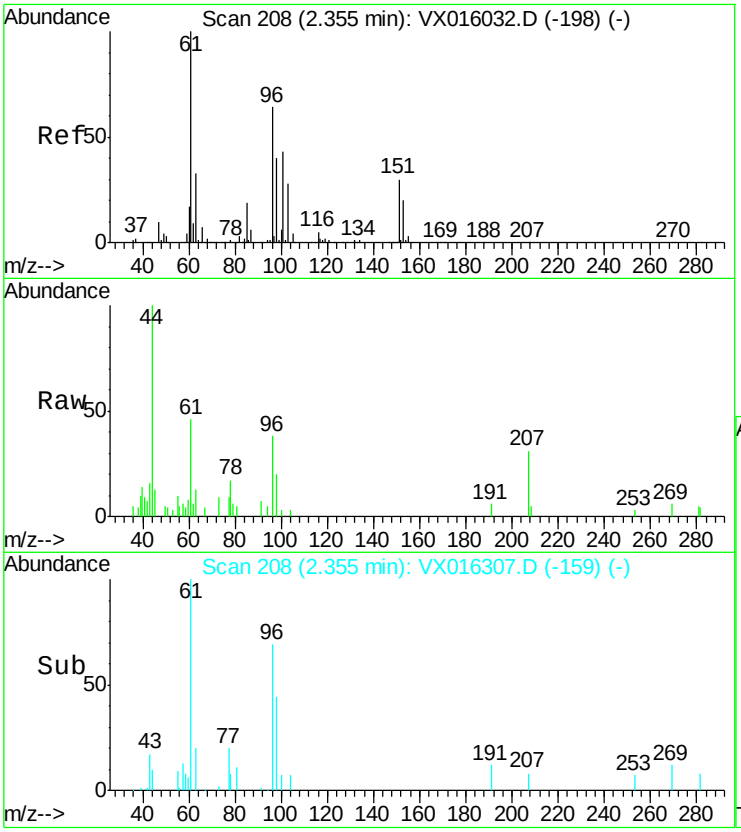


#11
Tert butyl alcohol
Concen: 0.900 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 59 Resp: 837

Ion	Ratio	Lower	Upper
59	100		
57	14.3	8.2	12.4#



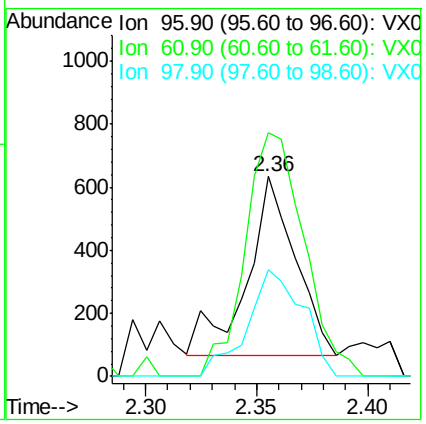


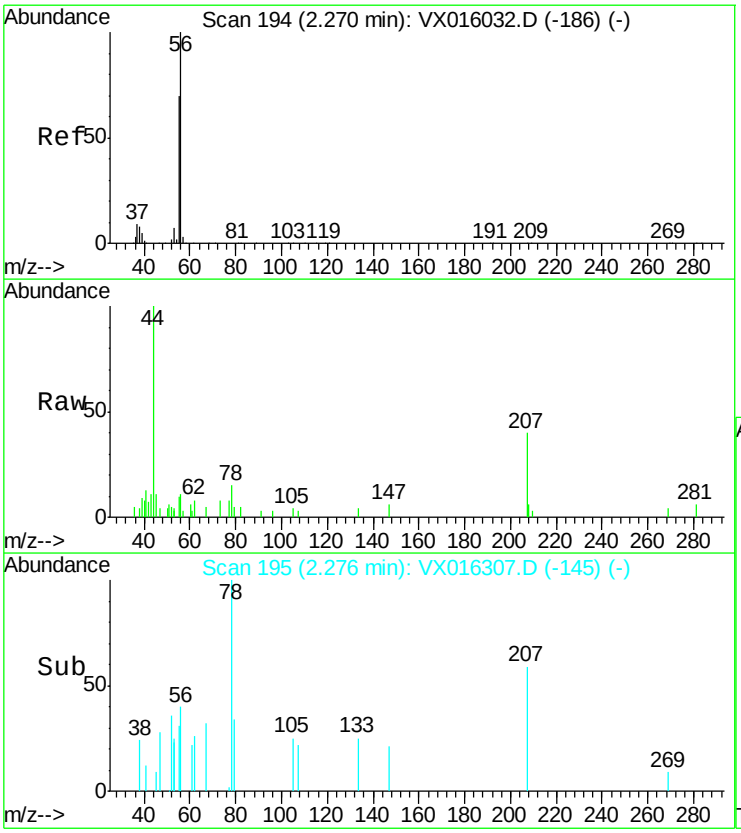
#12
1,1-Dichloroethene
Concen: 0.297 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion: 96 Resp: 864

Ion	Ratio	Lower	Upper
96	100		
61	136.2	124.8	187.2
98	59.8	49.7	74.5

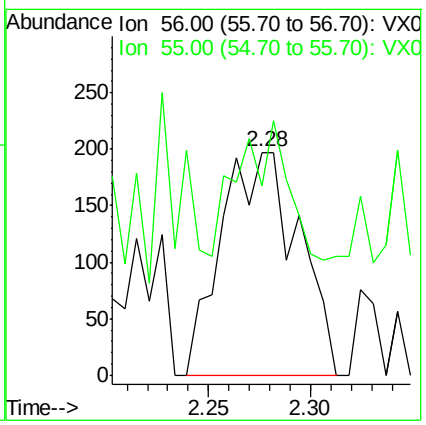


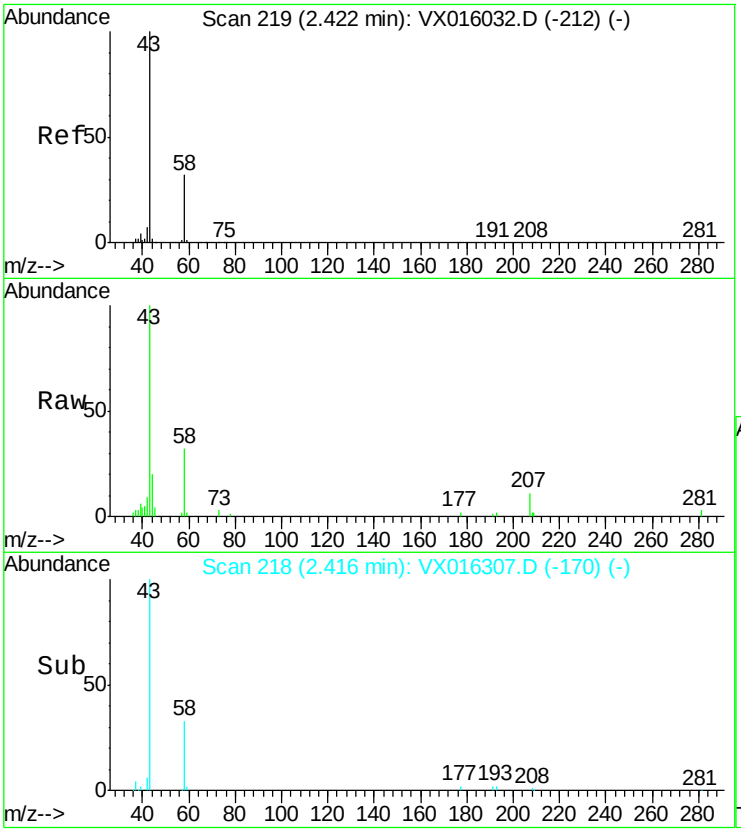


#13
Acrolein
Concen: 0.897 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 56 Resp: 522

Ion	Ratio	Lower	Upper
56	100		
55	103.4	56.5	84.7#



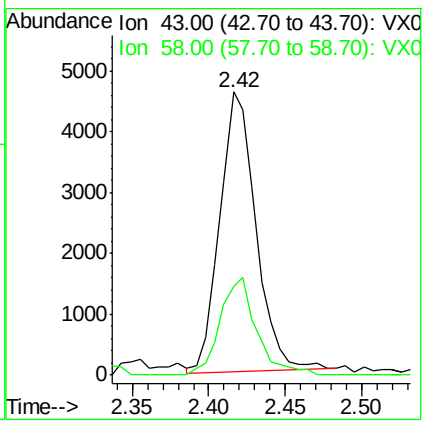


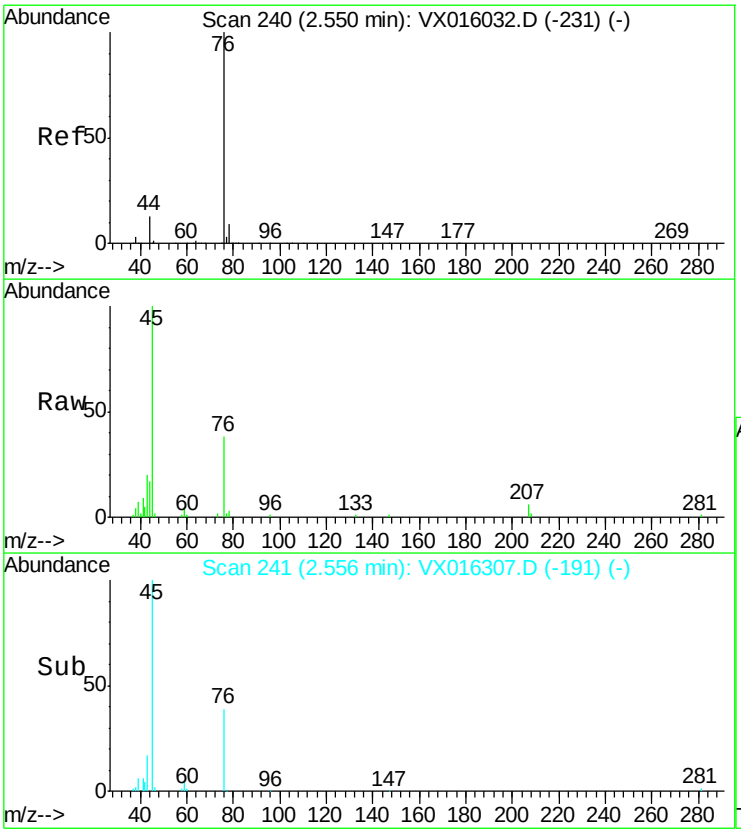
#16
Acetone
Concen: 4.587 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Tgt Ion: 43 Resp: 7528

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.4	38.0

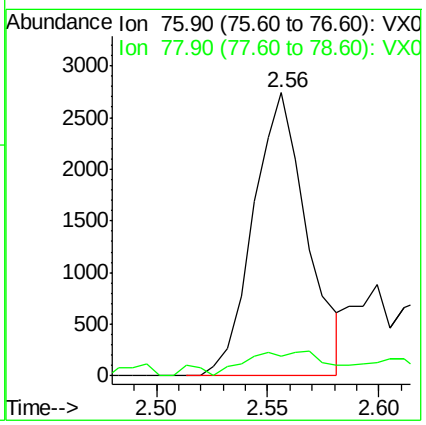


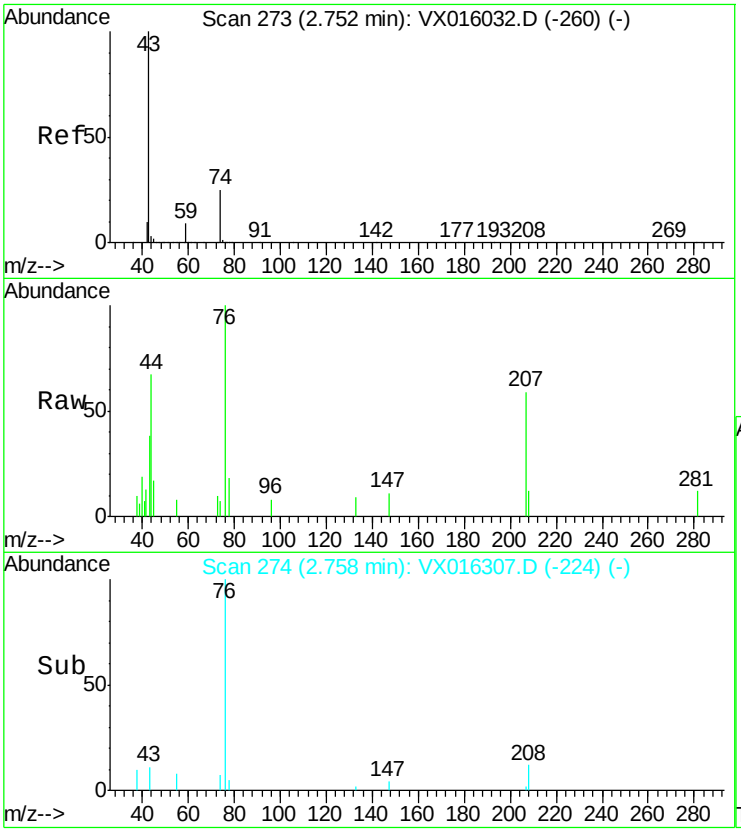


#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 76 Resp: 4598

Ion	Ratio	Lower	Upper
76	100		
78	3.4	7.5	11.3#



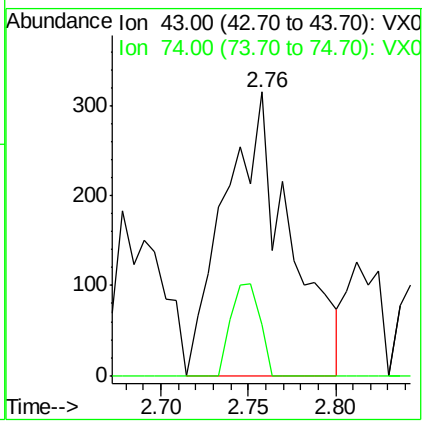


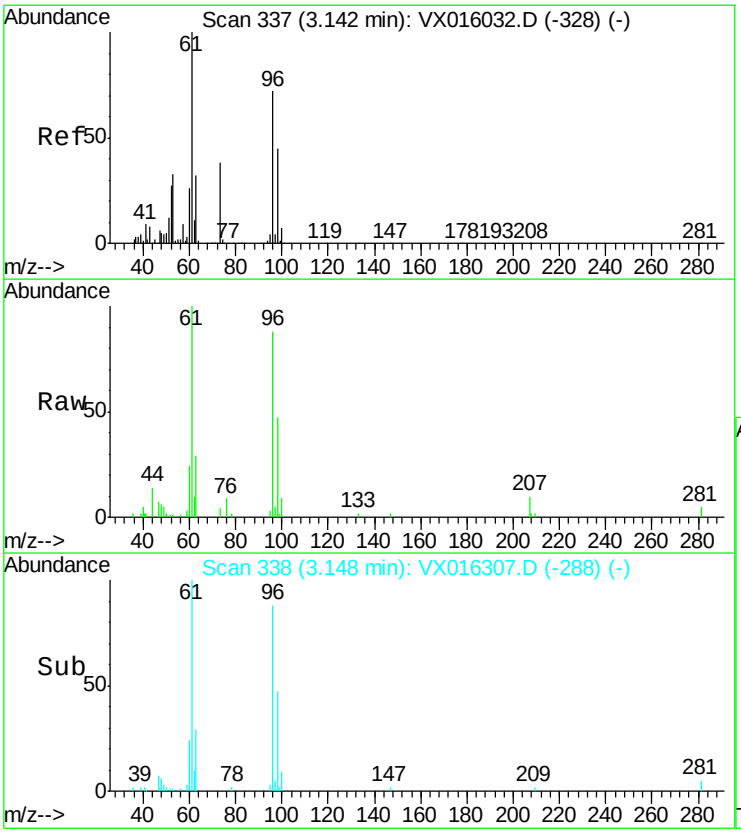
#18
Methyl Acetate
Concen: 0.200 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion: 43 Resp: 809

Ion	Ratio	Lower	Upper
43	100		
74	14.6	20.2	30.2#

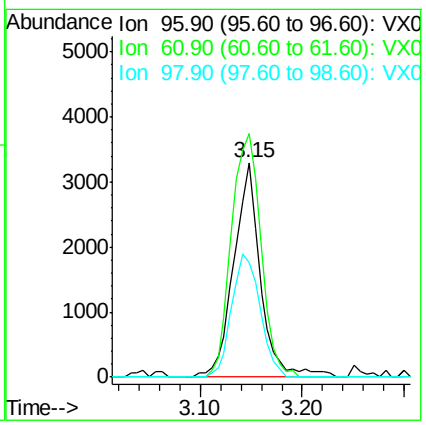


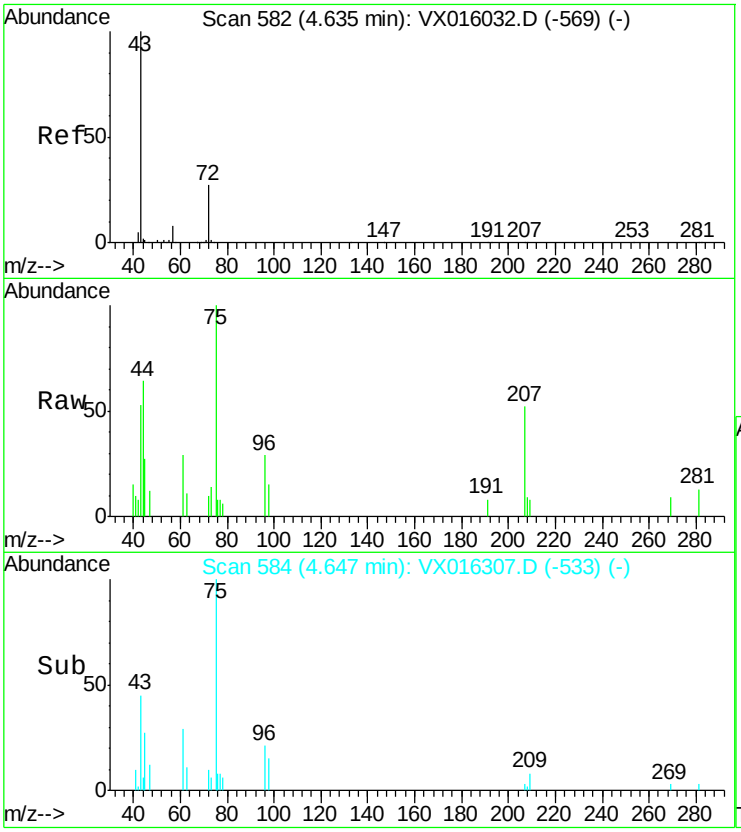


#21
trans-1,2-Dichloroethene
Concen: 1.844 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 96 Resp: 5972

Ion	Ratio	Lower	Upper
96	100		
61	113.6	111.2	166.8
98	53.1	50.2	75.4



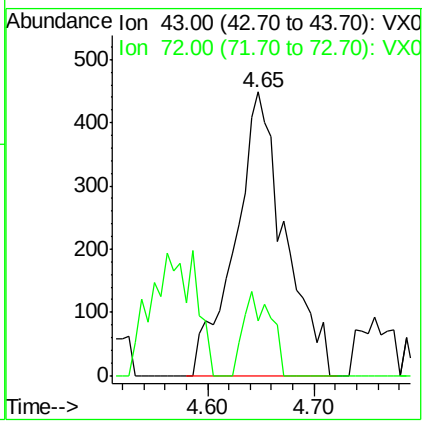


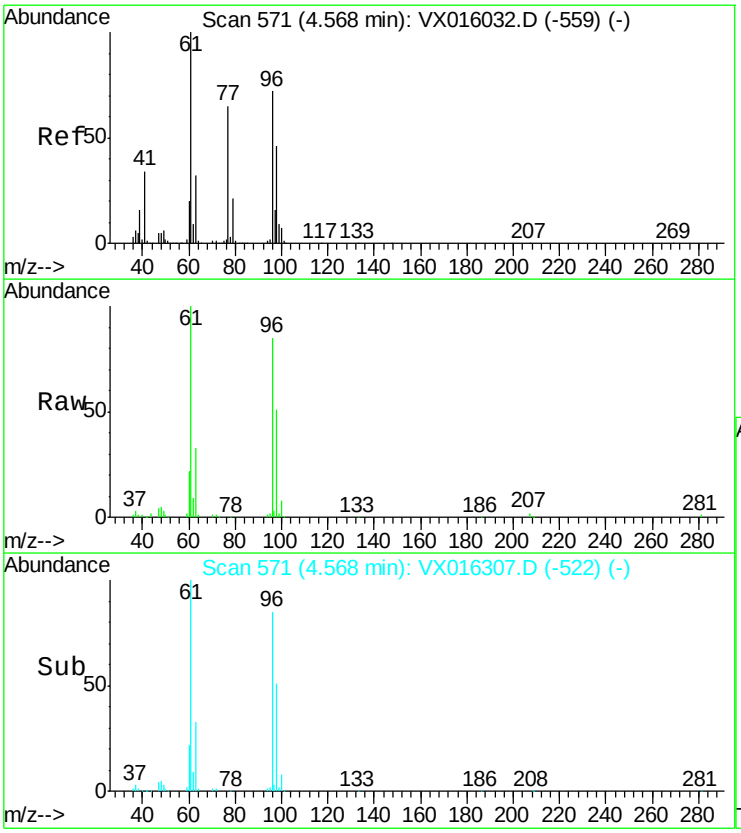
#25
2-Butanone
Concen: 0.551 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Tgt Ion: 43 Resp: 1457

Ion	Ratio	Lower	Upper
43	100		
72	19.4	21.8	32.8#

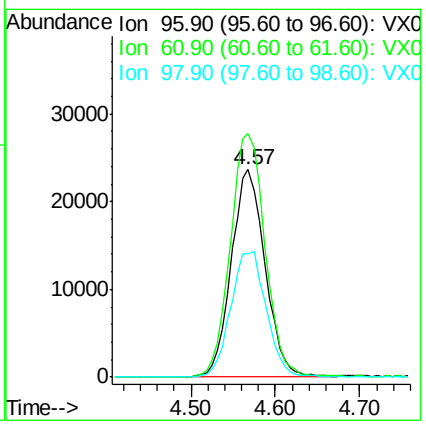


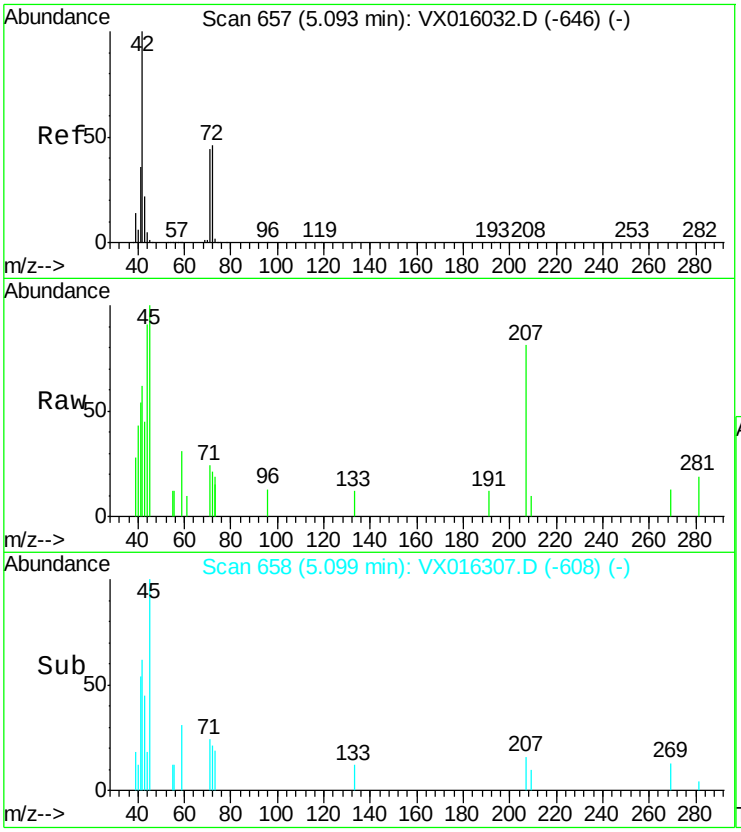


#27
cis-1,2-Dichloroethene
Concen: 18.133 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 96 Resp: 64194

Ion	Ratio	Lower	Upper
96	100		
61	120.8	0.0	296.2
98	63.4	0.0	129.4



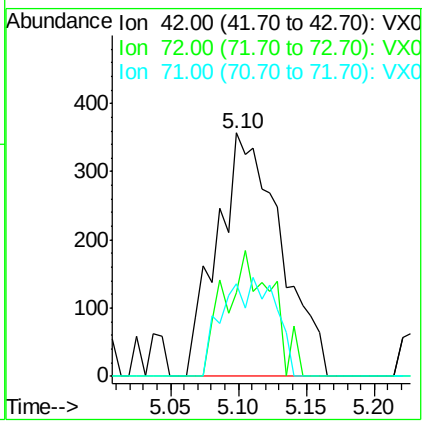


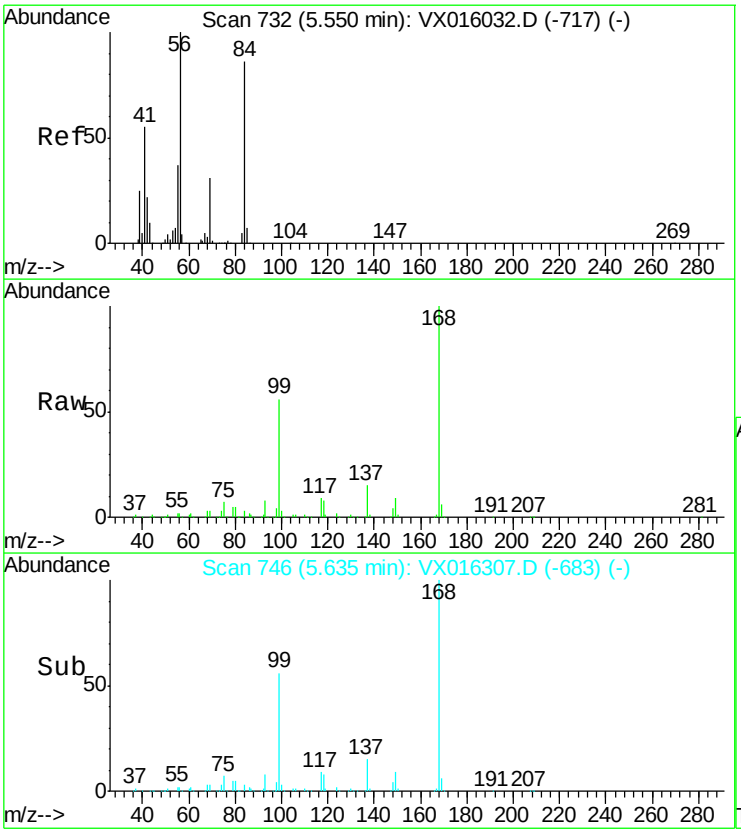
#29
Tetrahydrofuran
Concen: 0.662 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion: 42 Resp: 1160

Ion	Ratio	Lower	Upper
42	100		
72	38.4	37.1	55.7
71	16.4	34.5	51.7#

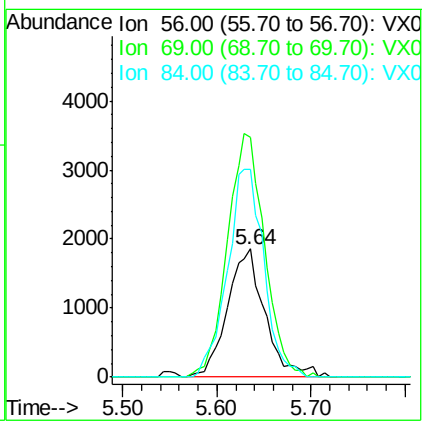


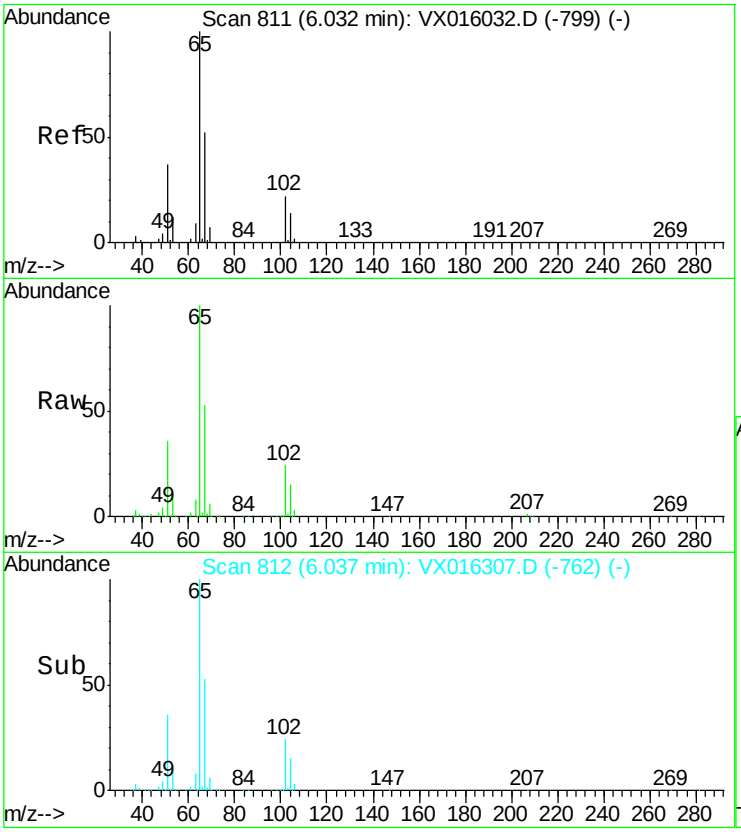


#31
Cyclohexane
Concen: 1.010 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 56 Resp: 5160

Ion	Ratio	Lower	Upper
56	100		
69	187.1	25.0	37.6#
84	162.5	69.0	103.6#



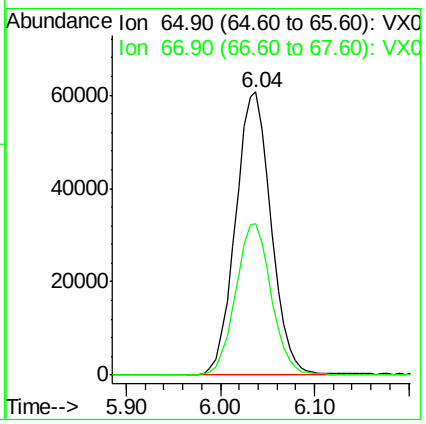


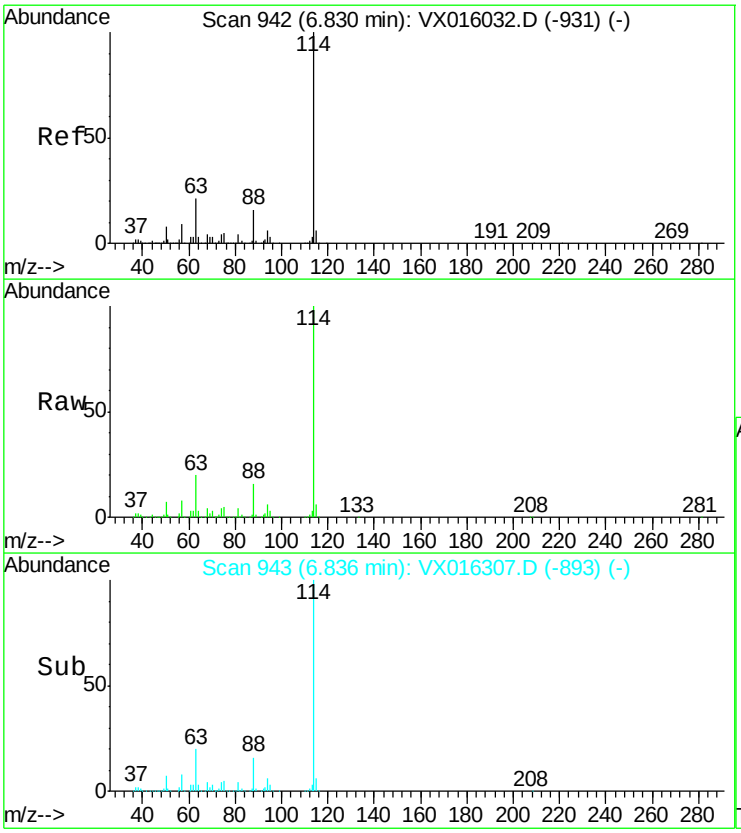
#33
1,2-Dichloroethane-d4
Concen: 43.623 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion: 65 Resp: 160464

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	104.8

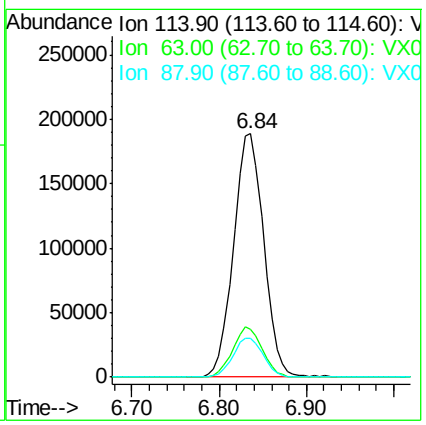


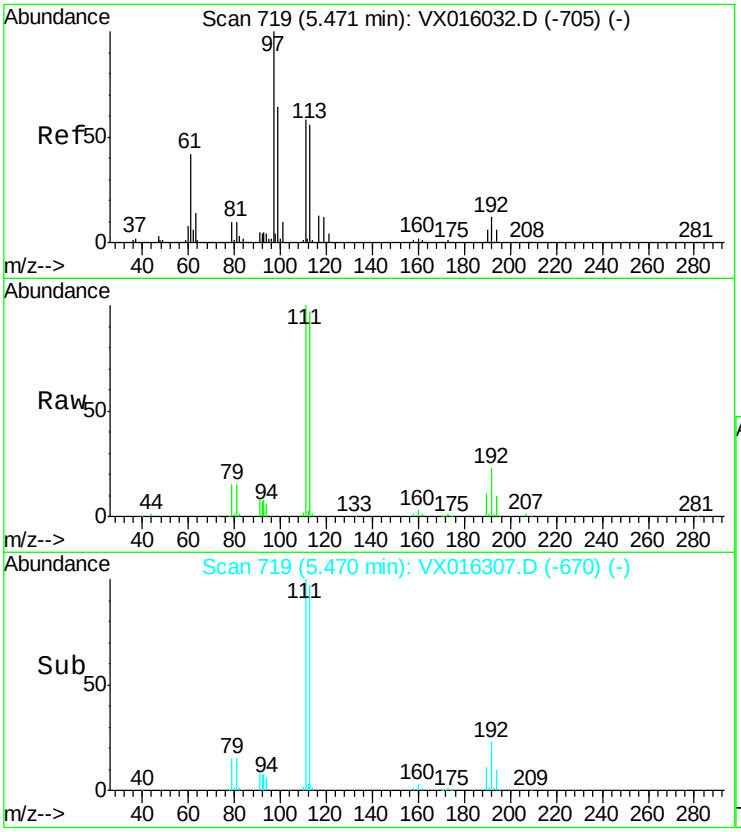


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion:114 Resp: 454343

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.8
88	16.0	0.0	31.4



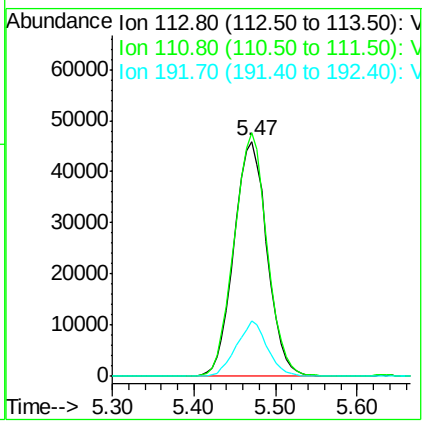


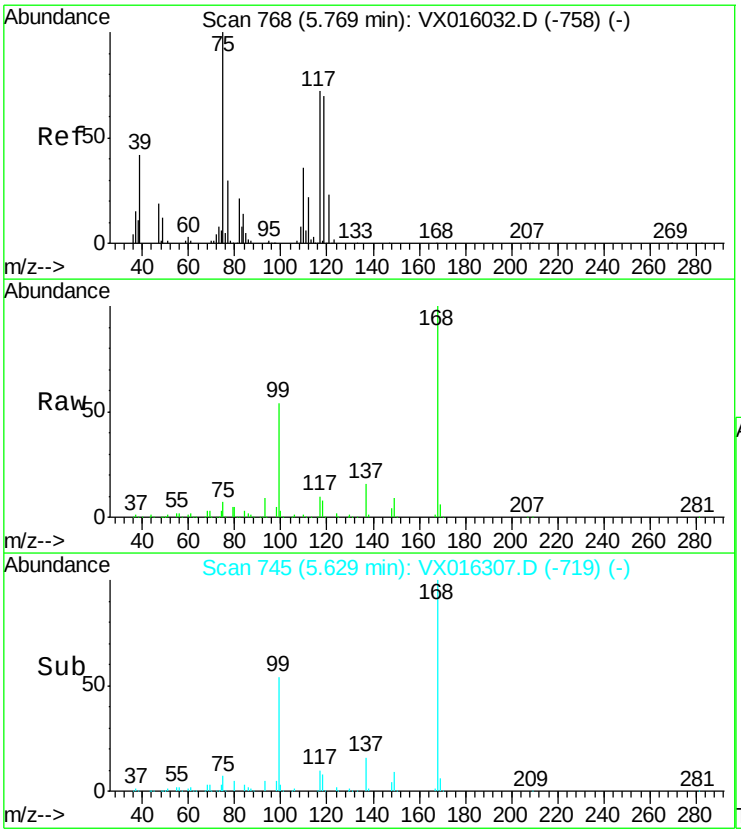
#35
Dibromofluoromethane
Concen: 44.957 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Tgt Ion:113 Resp: 129407

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	22.0	17.0	25.4

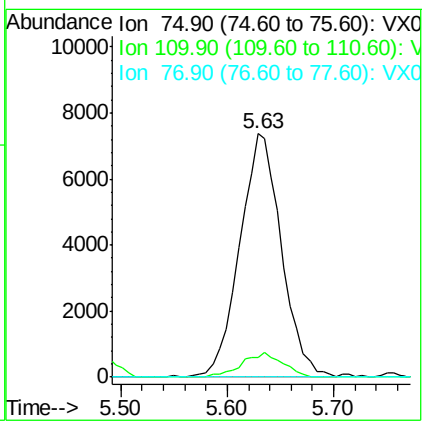


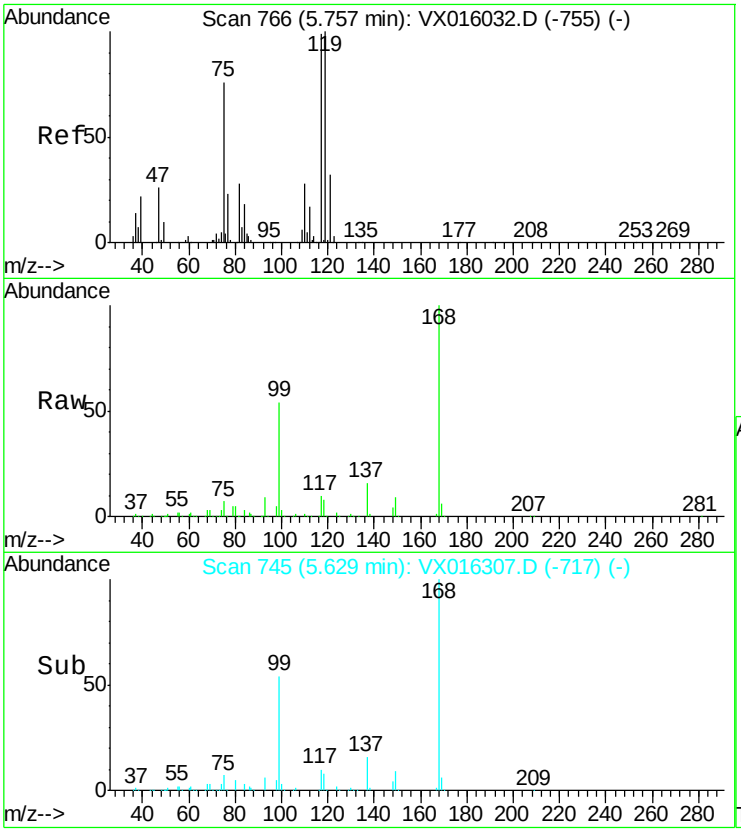


#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 75 Resp: 20175

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.0	25.0	37.6#



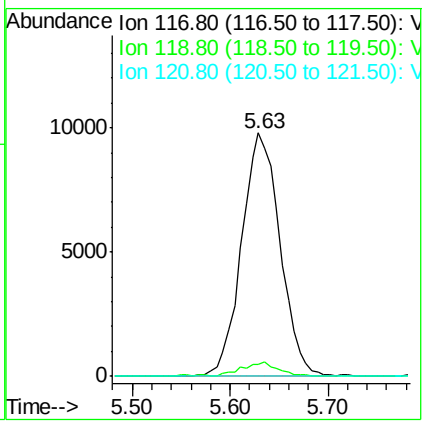


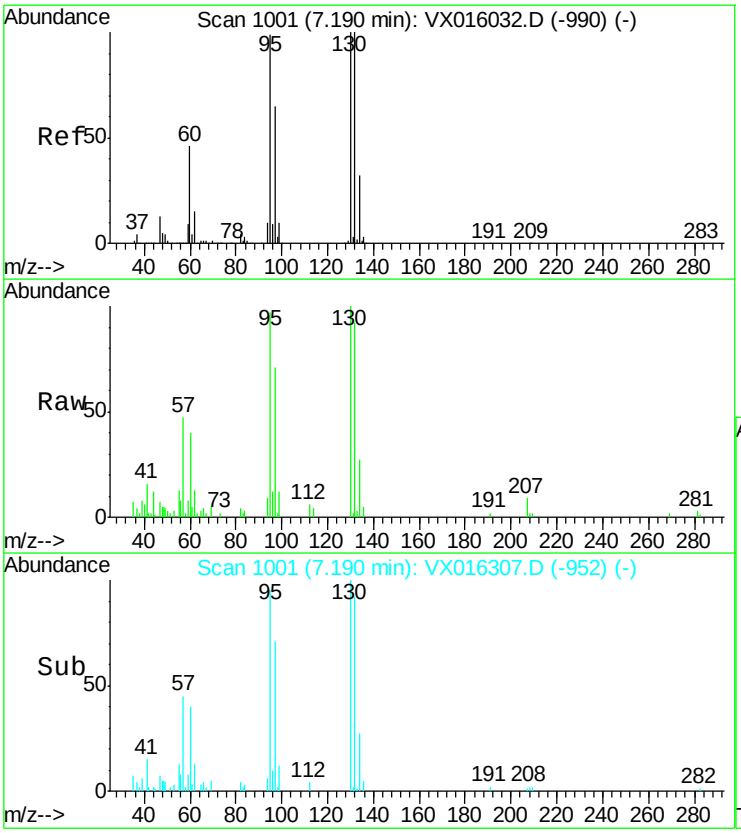
#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion:117 Resp: 26713

Ion	Ratio	Lower	Upper
117	100		
119	5.1	80.3	120.5#
121	0.0	25.7	38.5#

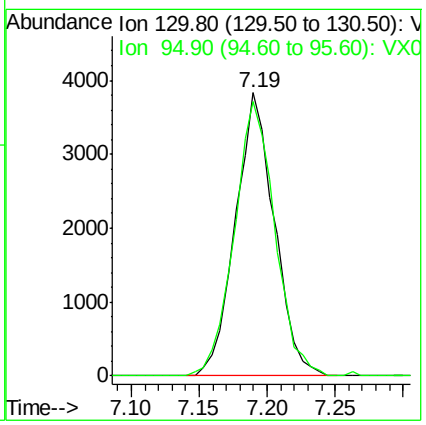


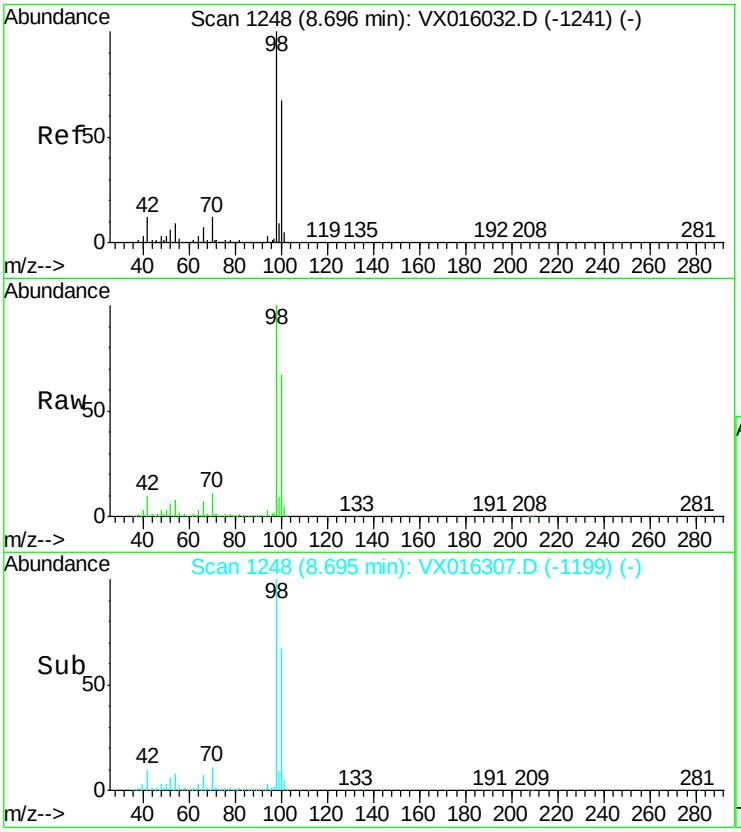


#44
Trichloroethene
Concen: 1.650 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion:130 Resp: 7673

Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	197.4



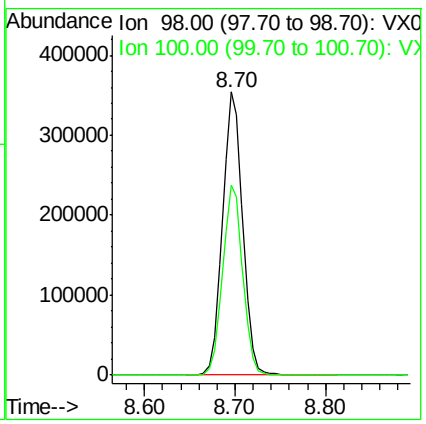


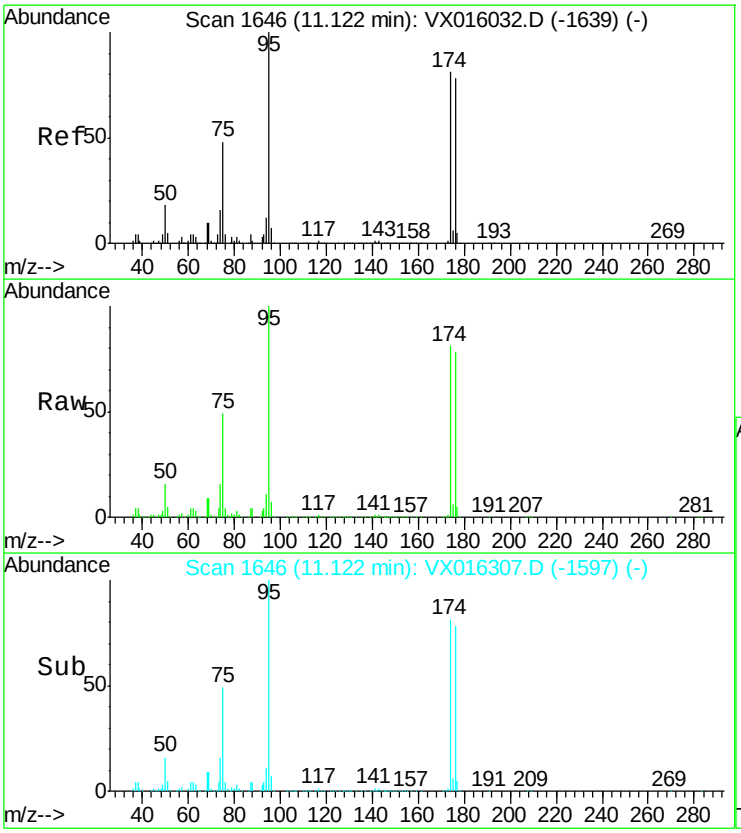
#50
Toluene-d8
Concen: 49.834 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Tgt Ion: 98 Resp: 552708

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5

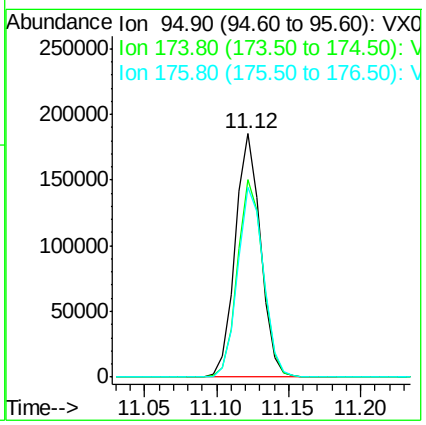


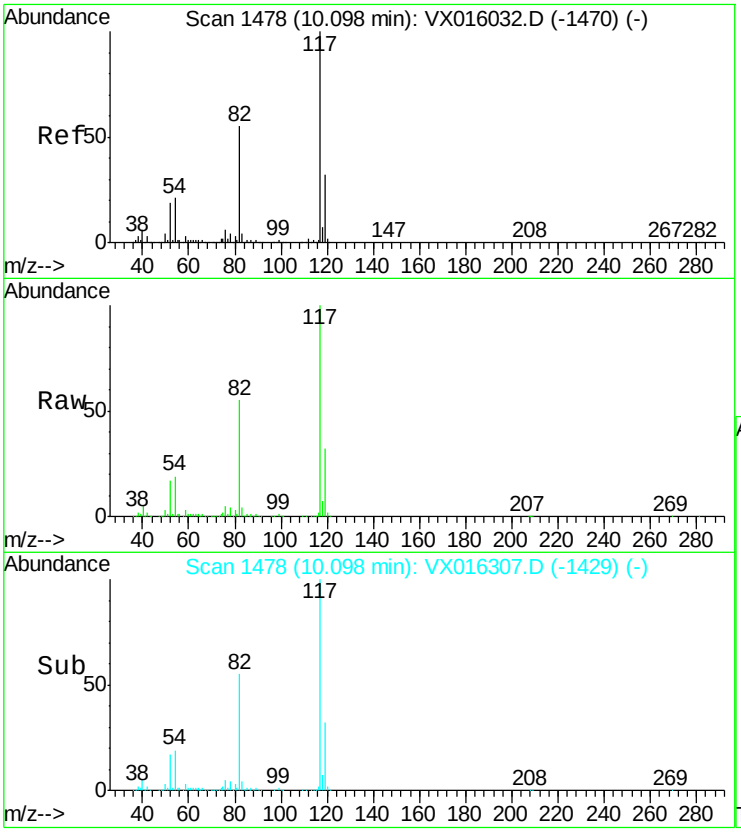


#62
4-Bromofluorobenzene
Concen: 53.848 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 95 Resp: 227157

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	159.4
176	79.7	0.0	157.6



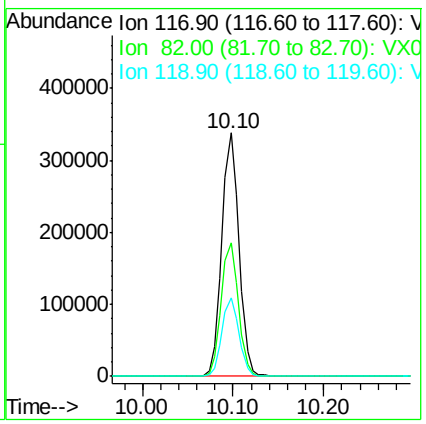


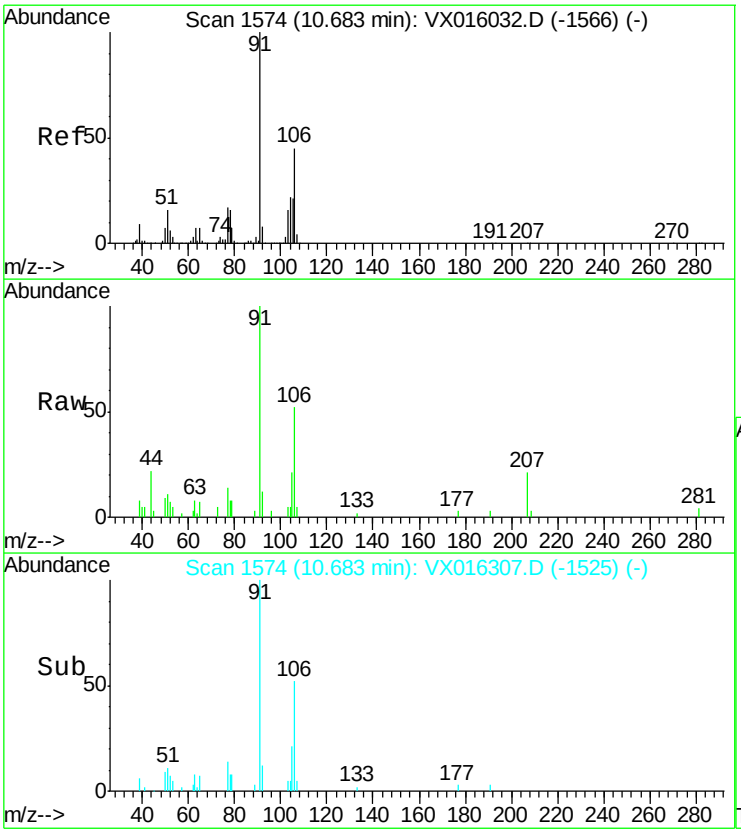
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion:117 Resp: 448762

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.4	66.6
119	32.3	25.5	38.3

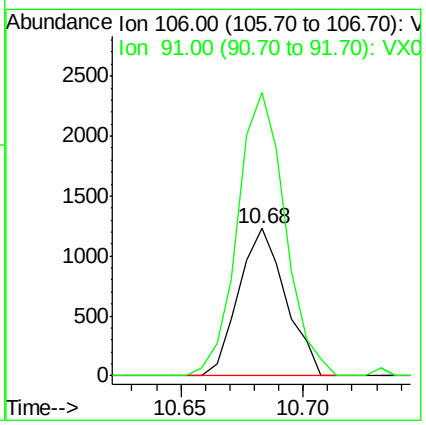


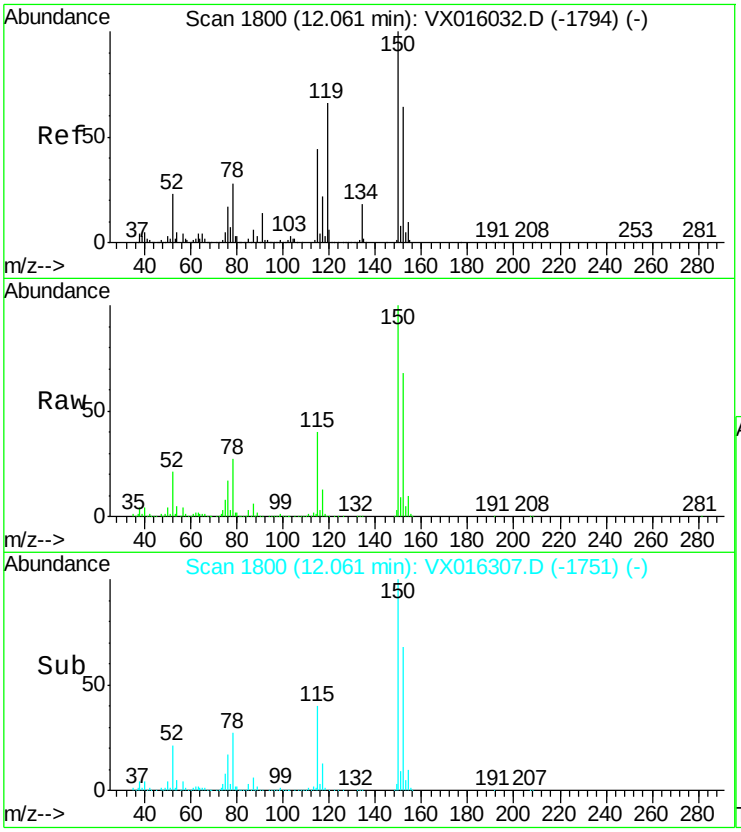


#69
o-Xylene
Concen: 0.271 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion:106 Resp: 1639

Ion	Ratio	Lower	Upper
106	100		
91	194.8	107.5	322.6



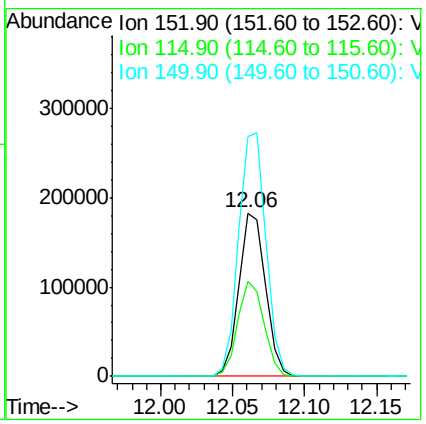


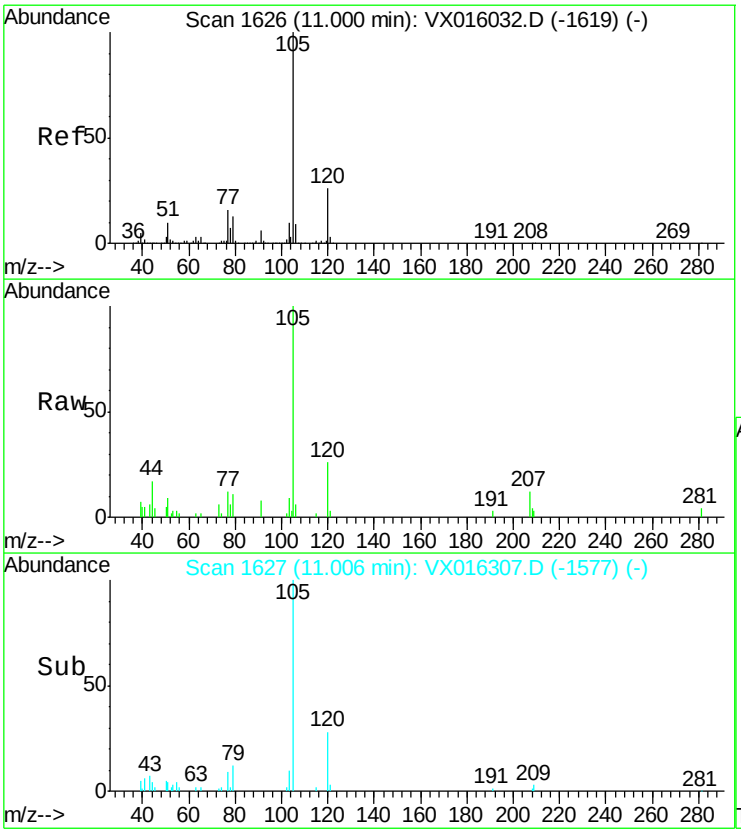
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Tgt Ion:152 Resp: 233652

Ion	Ratio	Lower	Upper
152	100		
115	57.4	41.3	124.1
150	153.3	0.0	352.2

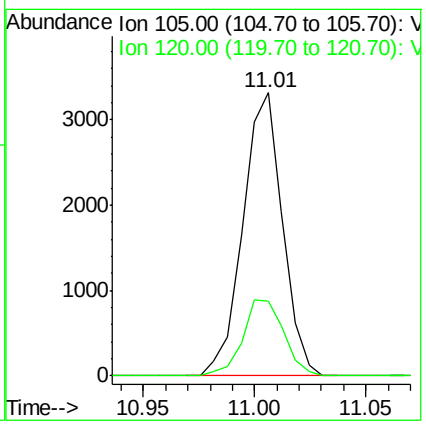


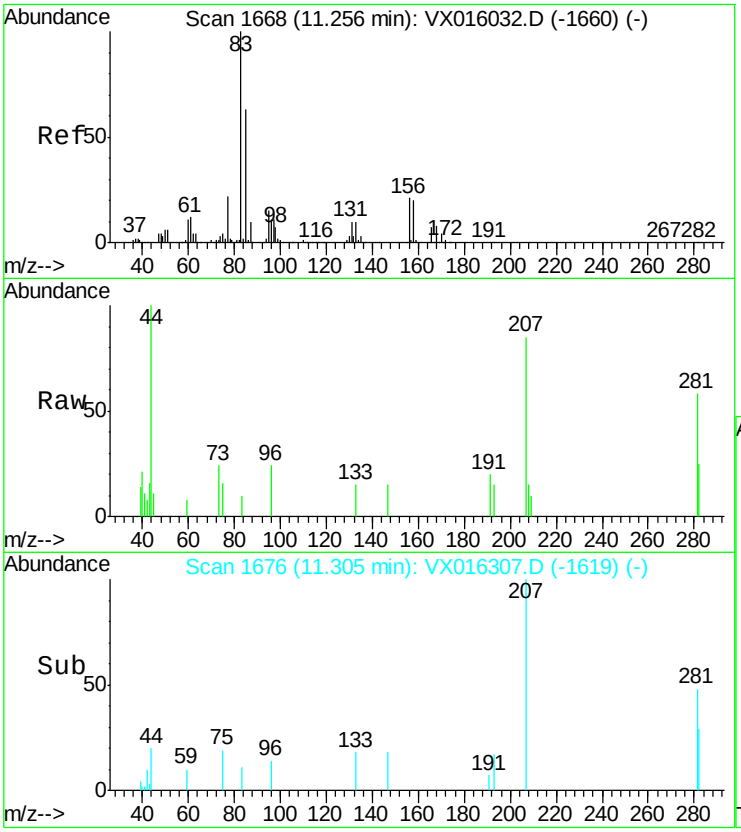


#73
Isopropylbenzene
Concen: 0.242 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion:105 Resp: 4109

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.4	40.2



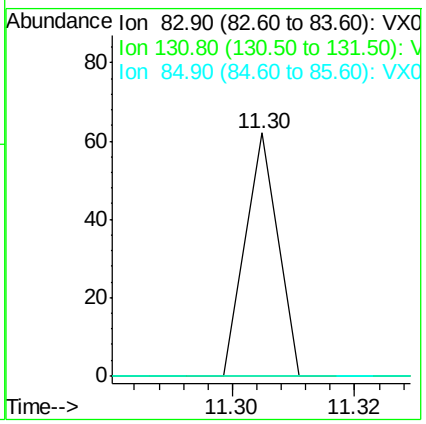


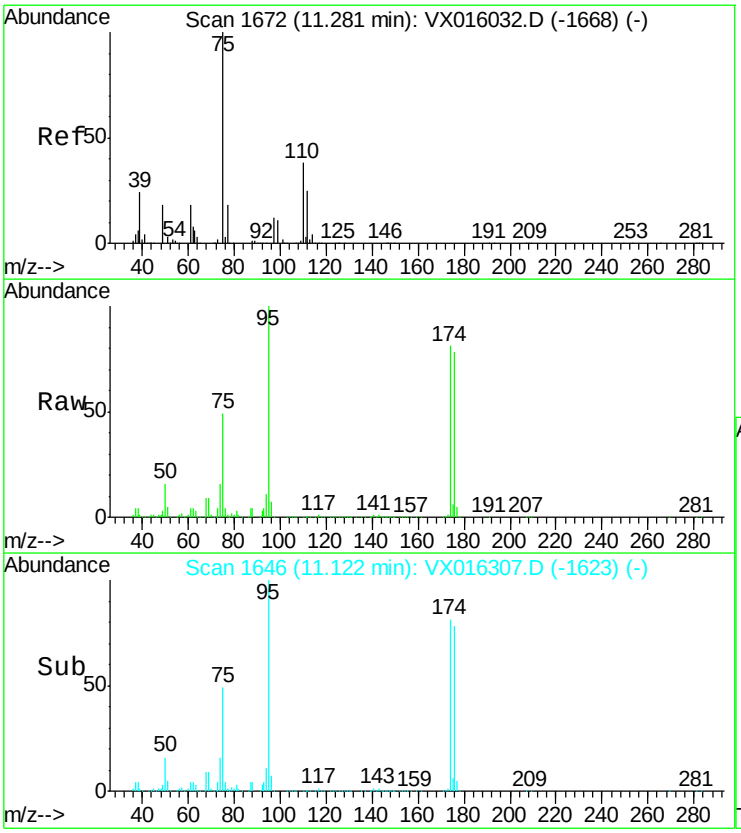
#75
1,1,2,2-Tetrachloroethane
Concen: 2.056 ug/l
RT: 11.30 min Scan# 1676
Delta R.T. 0.05 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion: 83 Resp: 23

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	0.0	32.0	96.0#

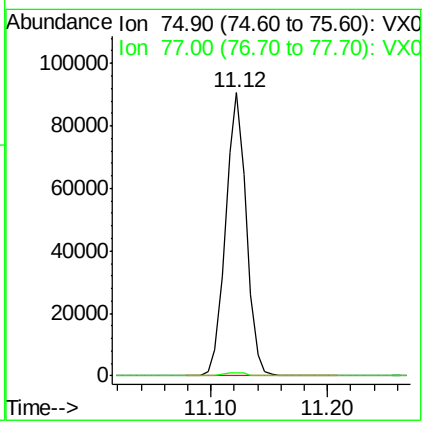


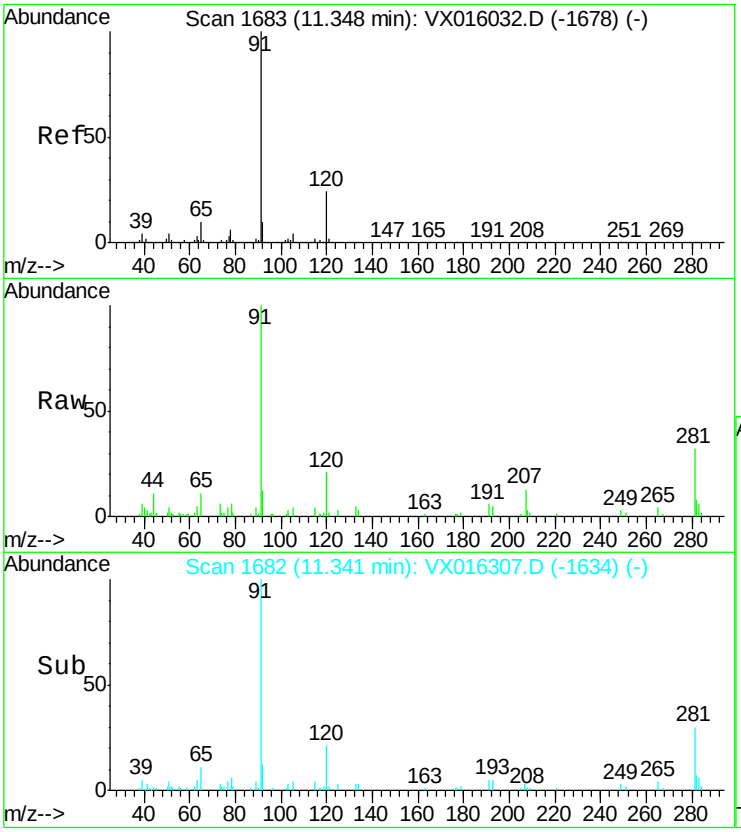


#76
1,2,3-Trichloropropane
Concen: 20.932 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 75 Resp: 110983

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.2	63.6#



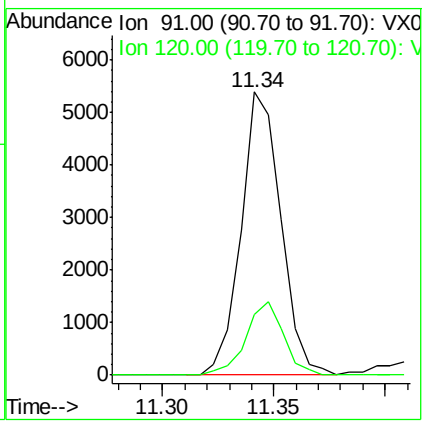


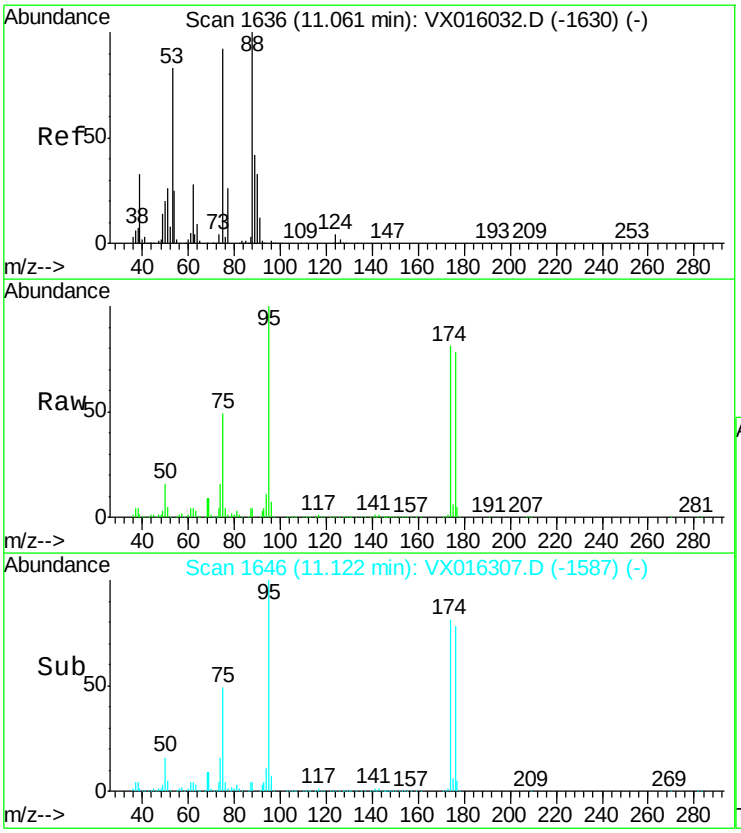
#78
n-propylbenzene
Concen: 0.339 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion: 91 Resp: 6695

Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.5	34.5

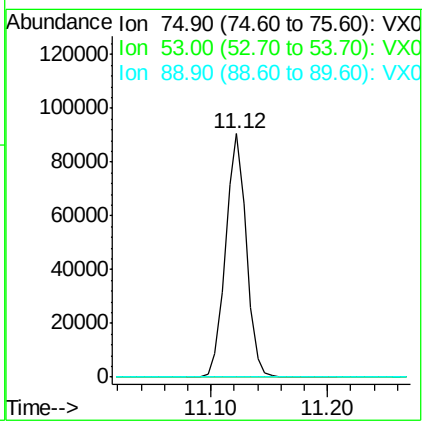


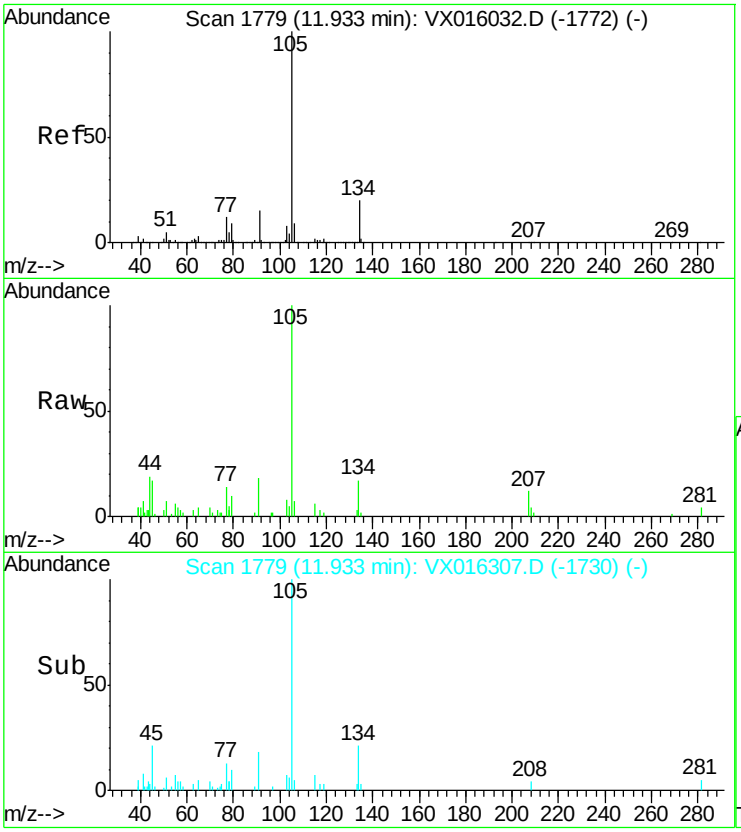


#81
trans-1,4-Dichloro-2-butene
Concen: 49.882 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion: 75 Resp: 110983

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.0	36.7	55.1#



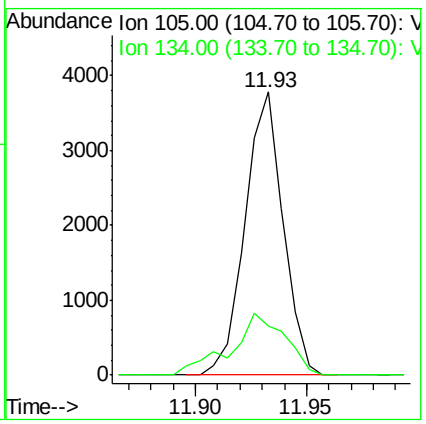


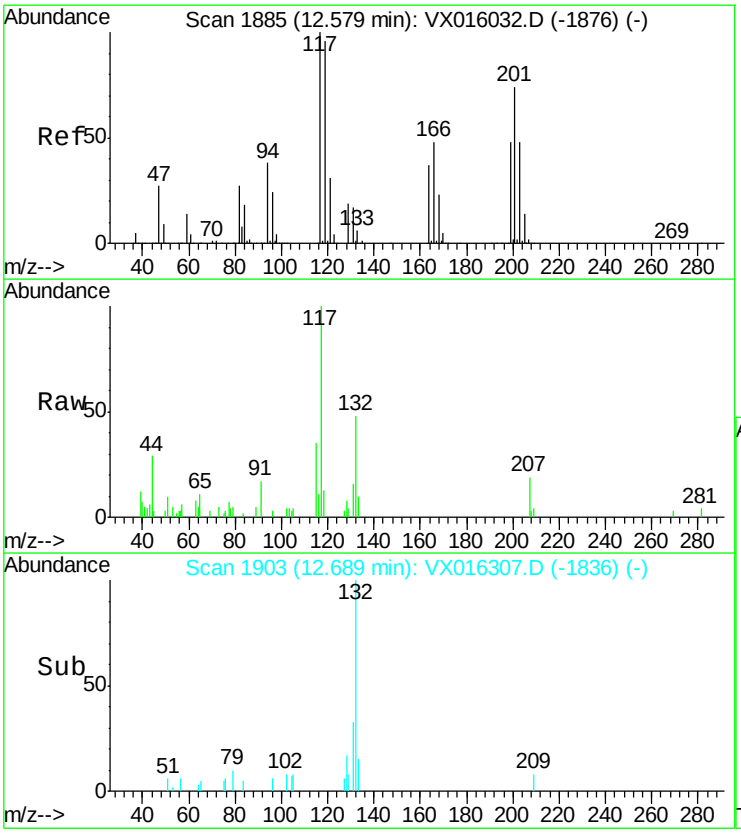
#85
sec-Butylbenzene
Concen: 0.270 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument : MSVOA_X
ClientSampleId : S32-0685

Tgt Ion:105 Resp: 4507

Ion	Ratio	Lower	Upper
105	100		
134	31.0	10.1	30.3#

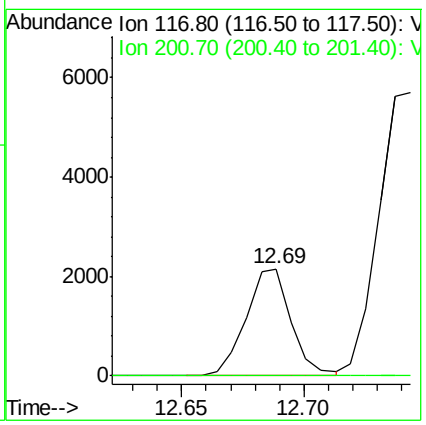


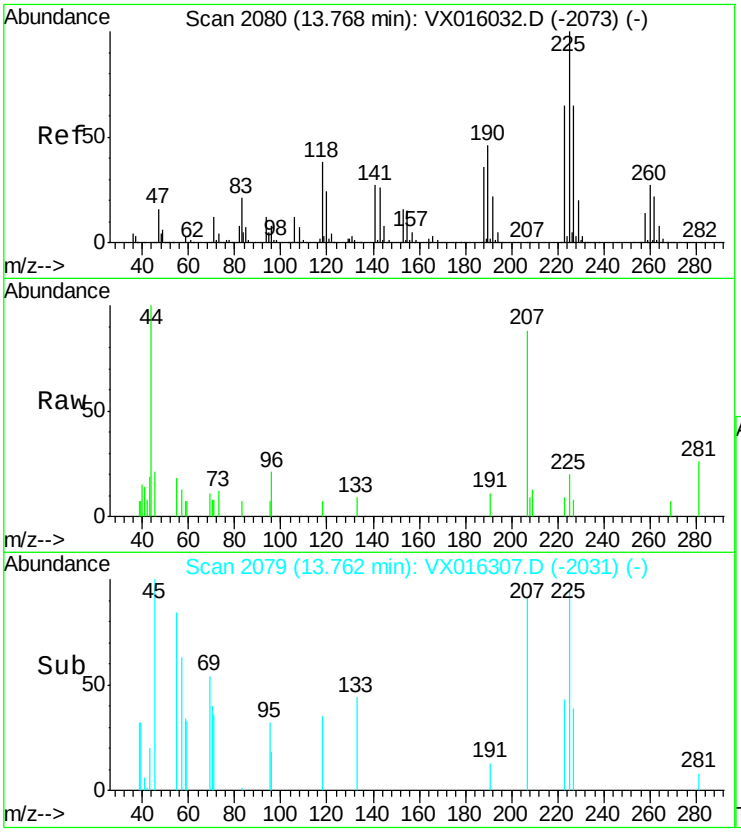


#90
Hexachloroethane
Concen: 1.041 ug/l
RT: 12.69 min Scan# 1903
Delta R.T. 0.11 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Tgt Ion:117 Resp: 2771

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.8	119.3#





#94
Hexachlorobutadiene
Concen: 0.573 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016307.D
Acq: 18 May 2020 18:26

Instrument :
MSVOA_X
ClientSampleId :
S32-0685

Tgt Ion:225 Resp: 122

Ion	Ratio	Lower	Upper
225	100		
223	20.5	32.3	96.9#
227	36.9	31.8	95.4