Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

Quantitation Report (Not Reviewed)

Data File : VL033786.D
Acq On : 23 May 2019 23:24
Operator : SY/AP
Sample : K2929-14
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Quant Time: May 24 04:30:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	901510	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2345357	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2328912	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1906464	10.10	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	39539	0.208	ppbv		97
3) Chlorodifluoromethane	3.01	51	266363	2.579	ppbv	#	86
4) Chloromethane	3.17	50	9578	0.162	ppbv		97
6) Bromomethane	3.51	94	416	0.011	ppbv	#	1
7) Chloroethane	3.60	64	227	0.011	ppbv	#	41
9) Propene	3.04	41	2141164	48.749	ppbv		94
10) Heptane	8.24	43	157488	1.266	ppbv		100
11) Trichlorofluoromethane	4.00	101	44946	0.248	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	106271	0.839	ppbv		98
13) Ethanol	3.67	45	698682	49.216	ppbv		99
15) Acetone	3.89	43	9787130	78.247	ppbv	#	87
16) 1,3-Butadiene	3.34	39	1336366	26.830	ppbv	#	23
17) tert-Butyl alcohol	4.37	59	204971	2.027	ppbv		97
19) Isopropyl Alcohol	4.04	45	1530711	18.980	ppbv	#	94
20) Methylene Chloride	4.41	84	373596	7.758	ppbv		98
21) Allyl Chloride	4.46	41	32434	0.416	ppbv	#	1
23) Vinyl Acetate	5.15	43	61492	0.373	ppbv	#	1
25) Ethyl Acetate	5.77	43	419773	1.910	ppbv	#	89
26) Hexane	5.78	57	419820	4.444	ppbv	#	50
27) Carbon Disulfide	4.62	76	147630	1.139	ppbv		97
29) Chloroform	5.85	83	108831	0.625	ppbv		92
30) Cyclohexane	7.25	84	32487	0.409	ppbv	#	70
32) 1,1,1-Trichloroethane	6.62	97	6043	0.035	ppbv	#	26
34) 2-Butanone	5.33	43	1304588	8.974	ppbv		98
35) Carbon Tetrachloride	7.13	117	3327	0.018	ppbv		85
36) Benzene	7.00	78	231940	1.087	ppbv		97
37) 1,2-Dichloroethane	6.42	62	2734	0.020	ppbv	#	83
38) Trichloroethene	7.96	130	11901	0.150	ppbv		93
39) 1,2-Dichloropropane	7.29	63	547951	6.889	ppbv	#	22
40) 1,4-Dioxane	7.97	88	434	0.013	ppbv	#	1
41) Tetrahydrofuran	6.15	42	6410	0.079	ppbv	#	14
44) 2,2,4-Trimethylpentane	7.98	57	60630	0.168	ppbv	#	63
50) 4-Methyl-2-Pentanone	8.87	43	74265	0.332	ppbv		98
51) 2-Hexanone	10.27	43	197945	1.134	ppbv	#	98
52) Tetrachloroethene	11.36	164	20341	0.271	ppbv		90
53) Toluene	9.94	91	3489463	15.164	ppbv		99
58) Ethyl Benzene	12.86	91	296716	0.962	ppbv		97
59) m/p-Xylene	13.12	91	888285	3.295	ppbv		97
60) o-Xylene	13.84	91	313034	1.152	ppbv		98
61) Styrene	13.68	104	37219	0.203	ppbv		92
62) Isopropylbenzene	14.82	105	12225	0.033	ppbv	#	50

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

Quantitation Report (Not Reviewed)

Data File : VL033786.D
Acq On : 23 May 2019 23:24
Operator : SY/AP
Sample : K2929-14
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Quant Time: May 24 04:30:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) 1,1,2,2-Tetrachloroethane	13.83	83	5201	0.026	ppbv	#	25
64) n-propylbenzene	15.72	120	7087	0.075	ppbv	#	1
65) tert-Butylbenzene	16.92	119	24912	0.075	ppbv	#	55
67) sec-Butylbenzene	17.46	105	5776	0.012	ppbv	#	59
69) p-Isopropyltoluene	17.81	119	4763	0.012	ppbv	#	48
70) n-Butylbenzene	18.73	91	99390	0.240	ppbv	#	88
71) 2-Chlorotoluene	15.91	91	11315	0.042	ppbv		72
72) 4-Ethyltoluene	15.99	105	101778	0.328	ppbv	#	94
73) 1,3,5-Trimethylbenzene	16.15	105	64878	0.214	ppbv		98
74) 1,2,4-Trimethylbenzene	16.92	105	225580	0.684	ppbv	#	76
75) 1,3-Dichlorobenzene	17.15	146	18952	0.094	ppbv	#	1
76) 1,4-Dichlorobenzene	17.30	146	5029	0.026	ppbv	#	4
79) Naphthalene	22.41	128	21317	0.070	ppbv		97
80) Naphthalene,2-methyl-	25.11	142	7858	0.067	ppbv	#	74

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

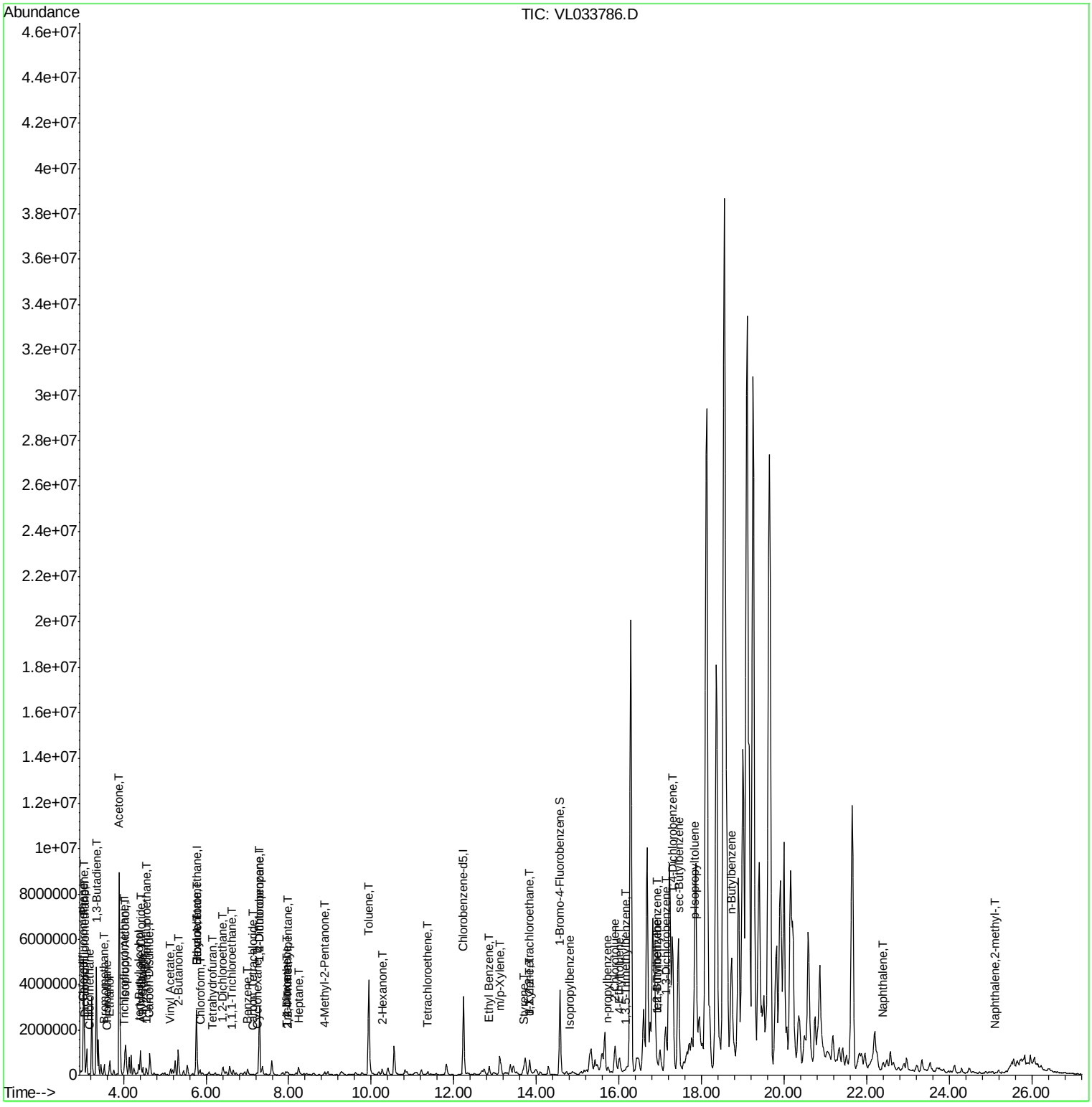
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

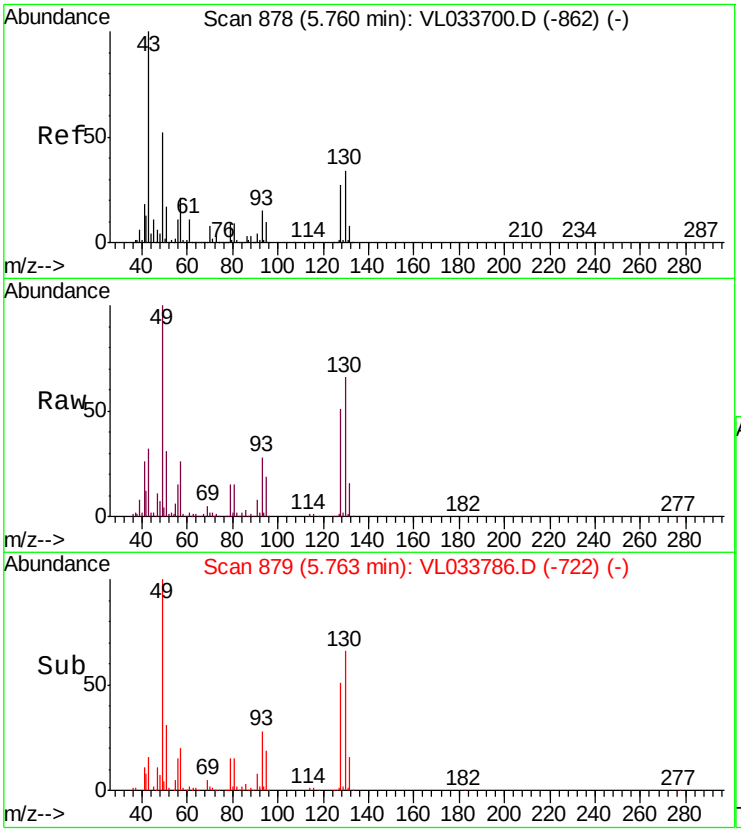
Quantitation Report (Not Reviewed)

Data File : VL033786.D
Acq On : 23 May 2019 23:24
Operator : SY/AP
Sample : K2929-14
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Quant Time: May 24 04:30:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



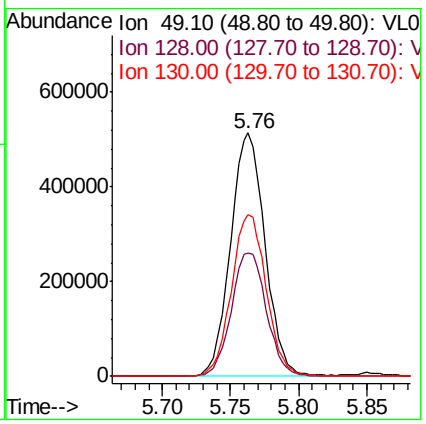


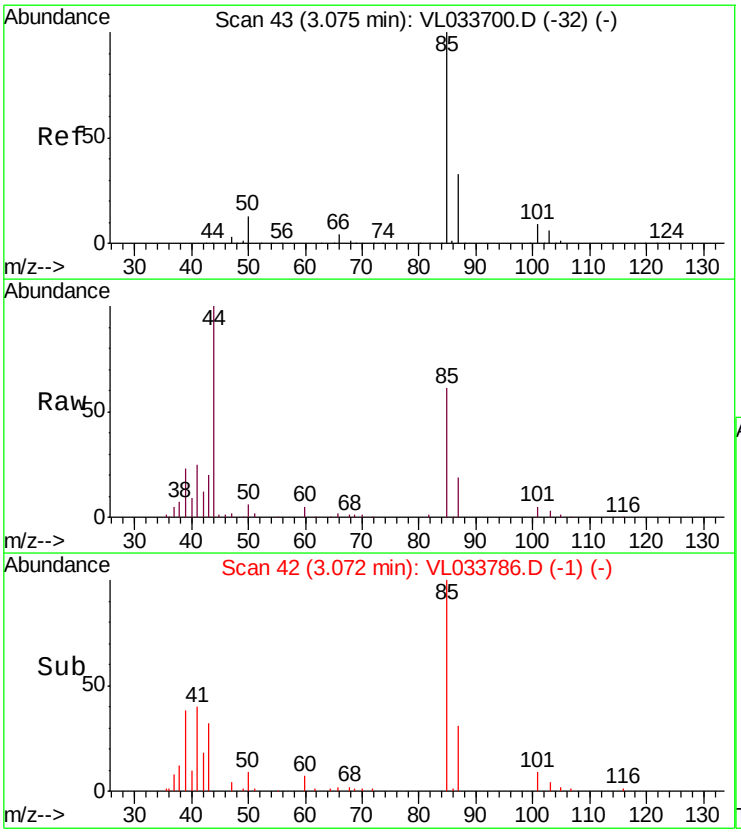
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 49 Resp: 901510

Ion	Ratio	Lower	Upper
49	100		
128	51.9	25.2	75.6
130	67.4	32.5	97.5

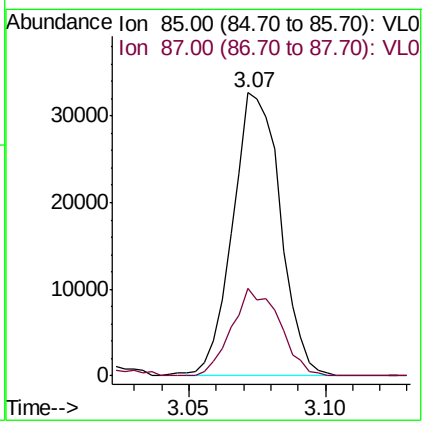


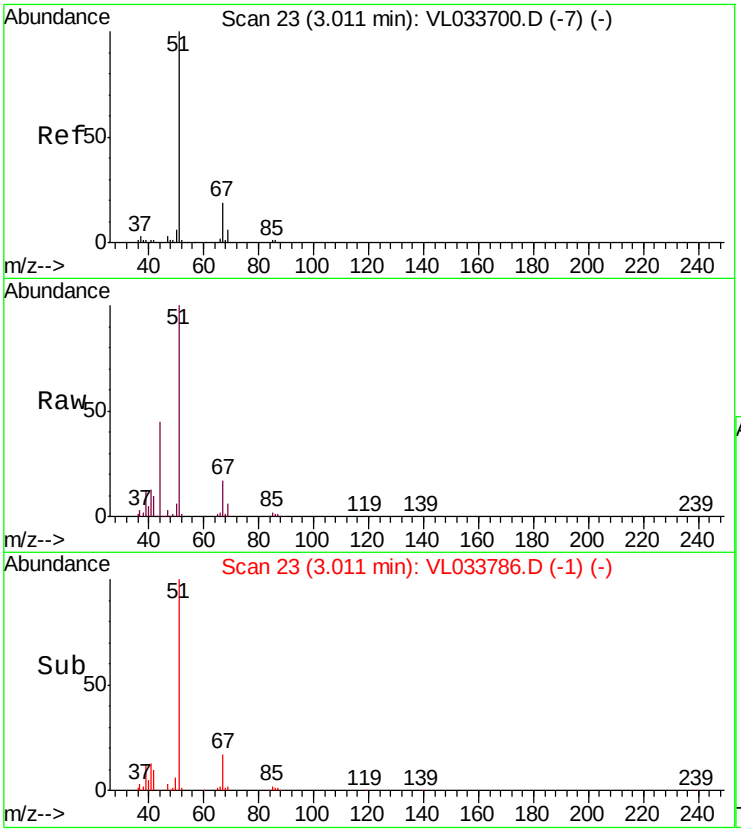


#2
Dichlorodifluoromethane
Concen: 0.208 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 85 Resp: 39539

Ion	Ratio	Lower	Upper
85	100		
87	30.9	26.3	39.5



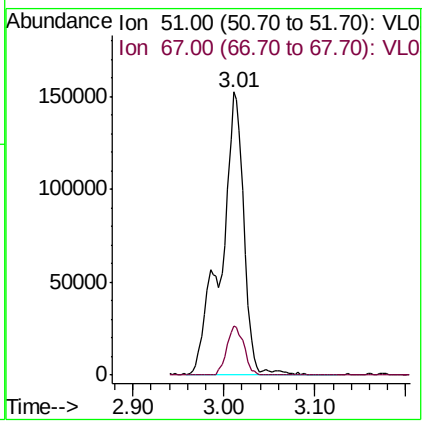


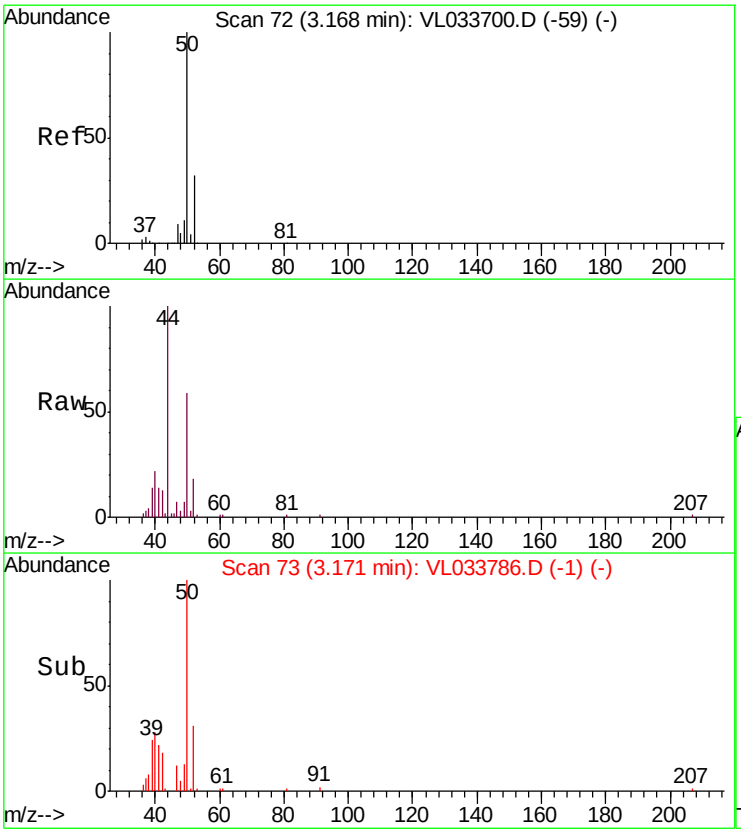
#3
Chlorodifluoromethane
Concen: 2.579 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 51 Resp: 266363

Ion	Ratio	Lower	Upper
51	100		
67	12.9	15.6	23.4#

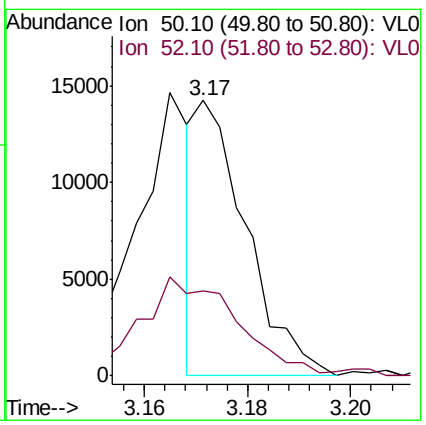


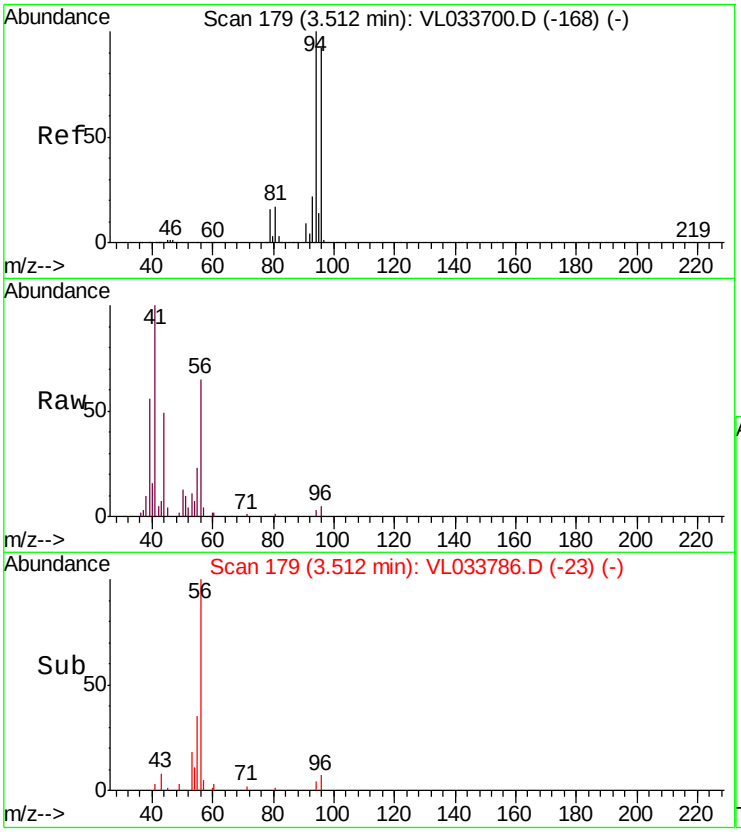


#4
Chloromethane
Concen: 0.162 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 50 Resp: 9578

Ion	Ratio	Lower	Upper
50	100		
52	30.2	25.7	38.5



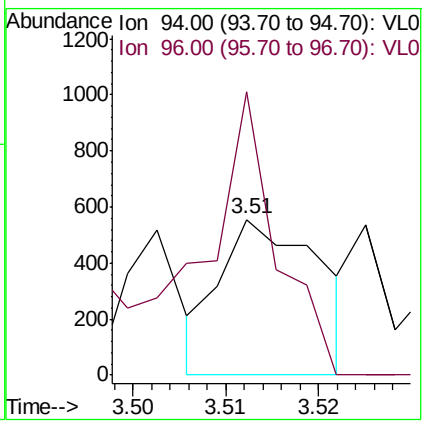


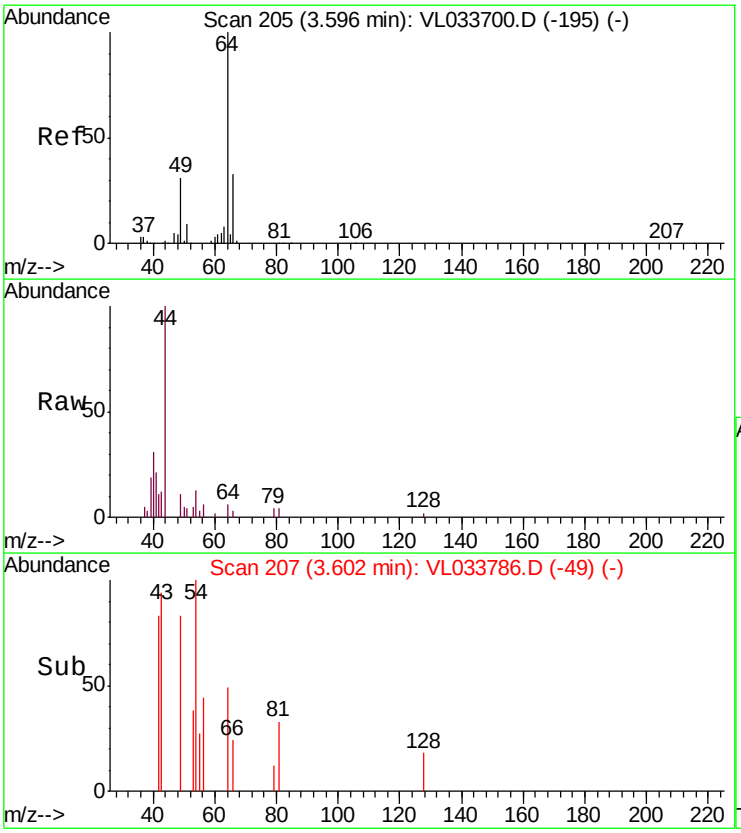
#6
Bromomethane
Concen: 0.011 ppbv
RT: 3.51 min Scan# 179
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 94 Resp: 416

Ion	Ratio	Lower	Upper
94	100		
96	294.5	73.6	110.4#

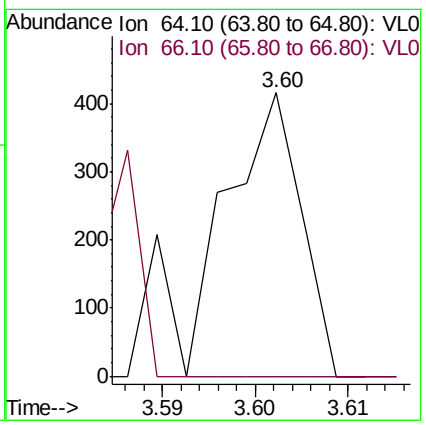


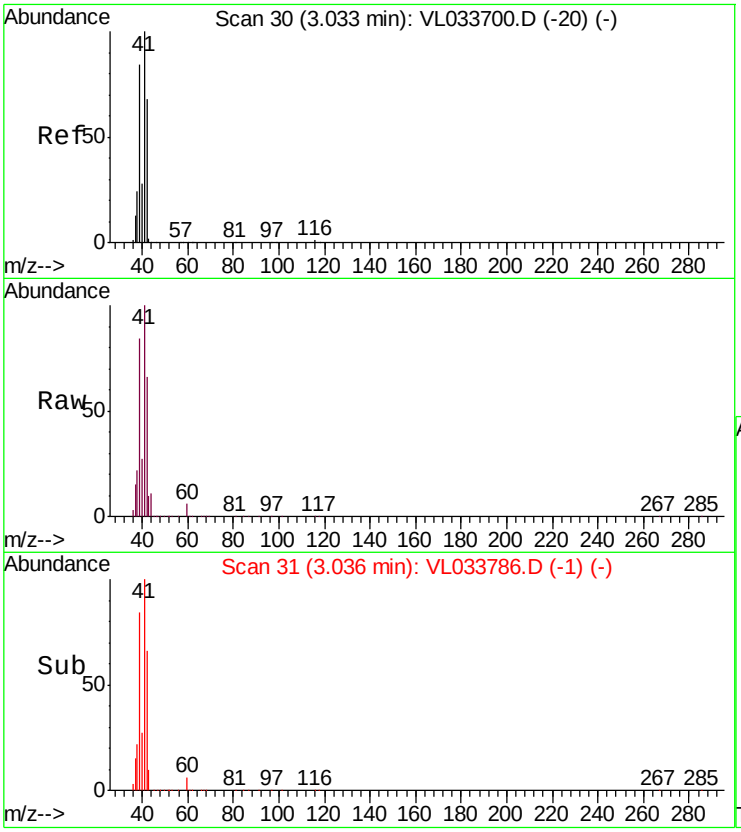


#7
Chloroethane
Concen: 0.011 ppbv
RT: 3.60 min Scan# 207
Delta R.T. 0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 64 Resp: 227

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#



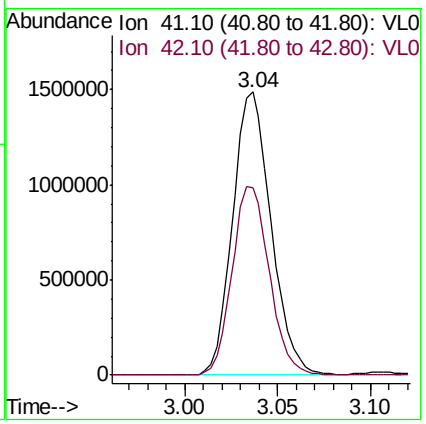


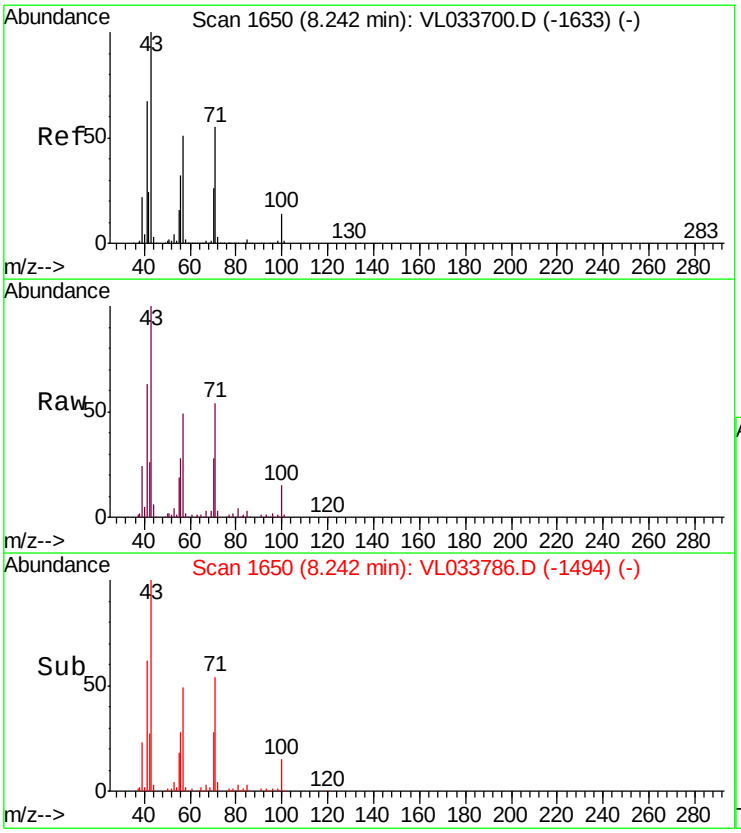
#9
Propene
Concen: 48.749 ppbv
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 41 Resp: 2141164

Ion	Ratio	Lower	Upper
41	100		
42	65.1	56.1	84.1

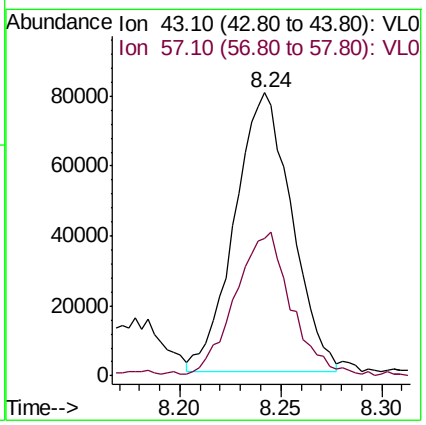


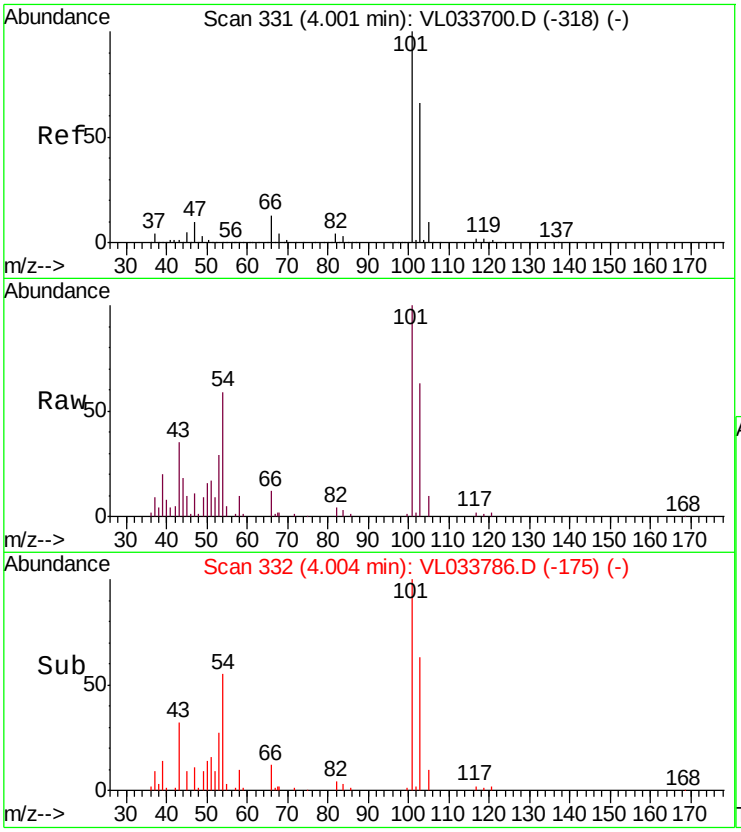


#10
Heptane
Concen: 1.266 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 43 Resp: 157488

Ion	Ratio	Lower	Upper
43	100		
57	51.4	41.4	62.0



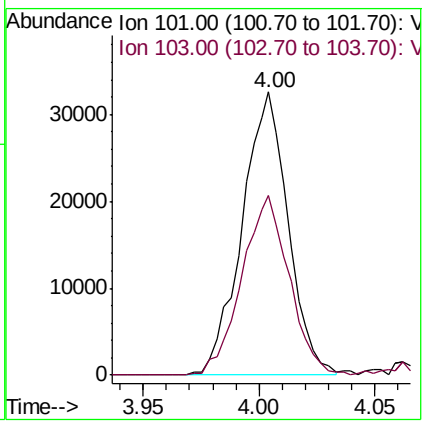


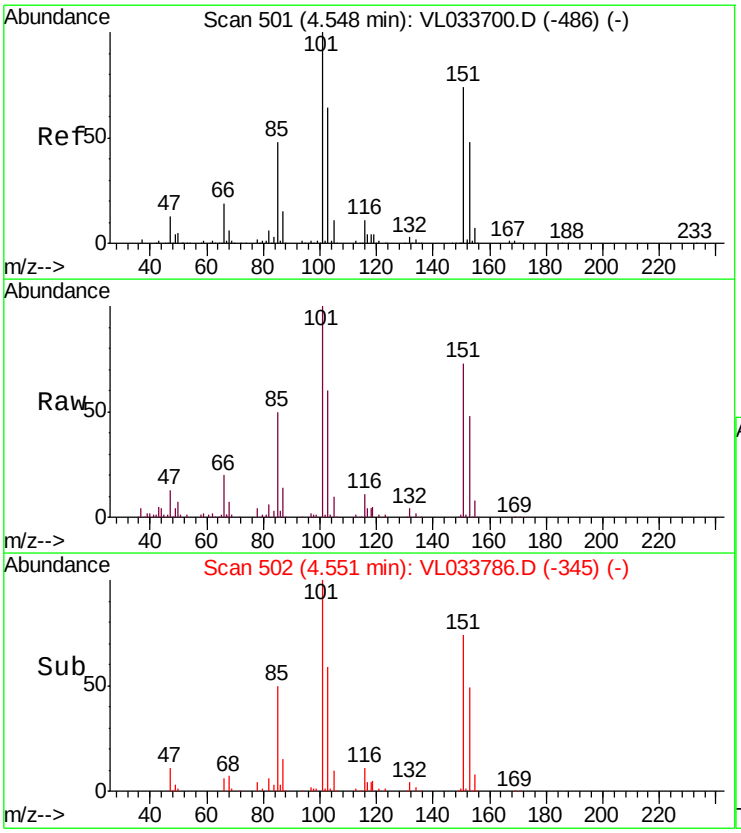
#11
Trichlorofluoromethane
Concen: 0.248 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:101 Resp: 44946

Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.6	78.8

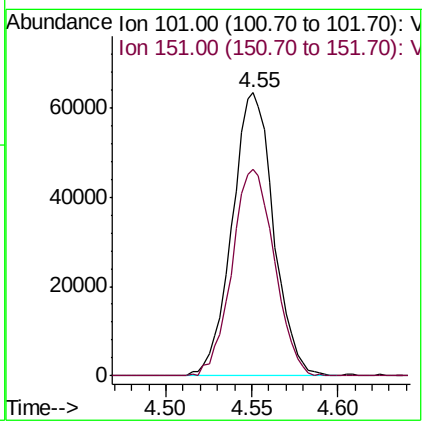


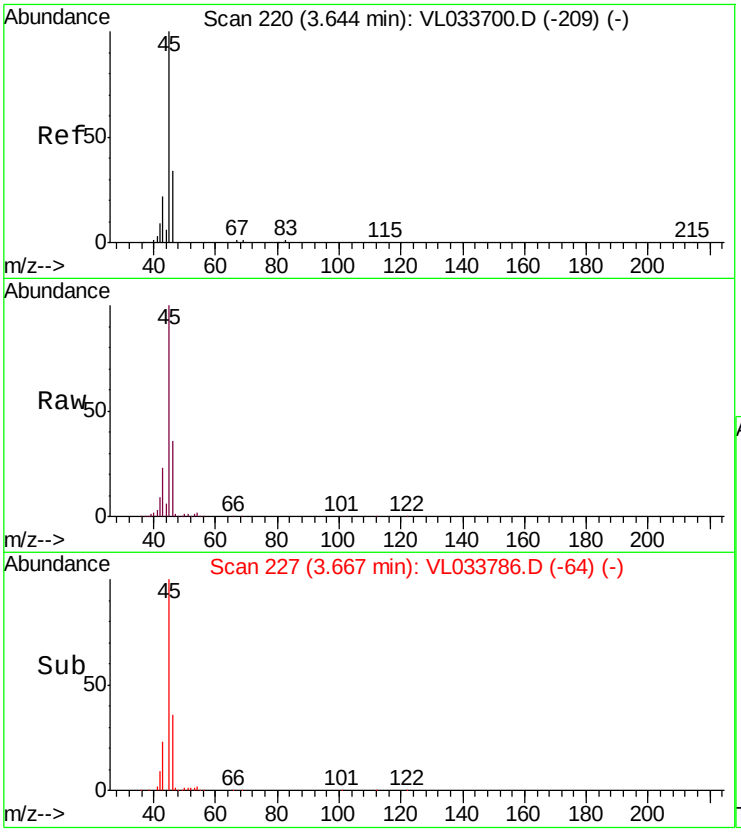


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.839 ppbv
RT: 4.55 min Scan# 502
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:101 Resp: 106271

Ion	Ratio	Lower	Upper
101	100		
151	74.4	58.2	87.4



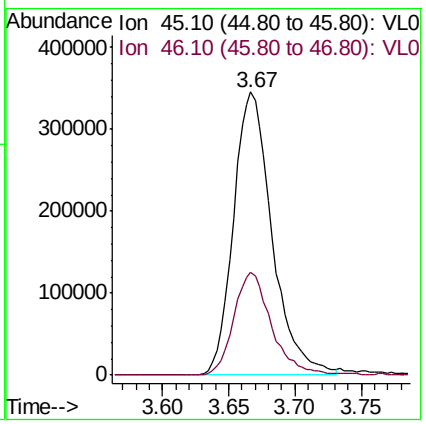


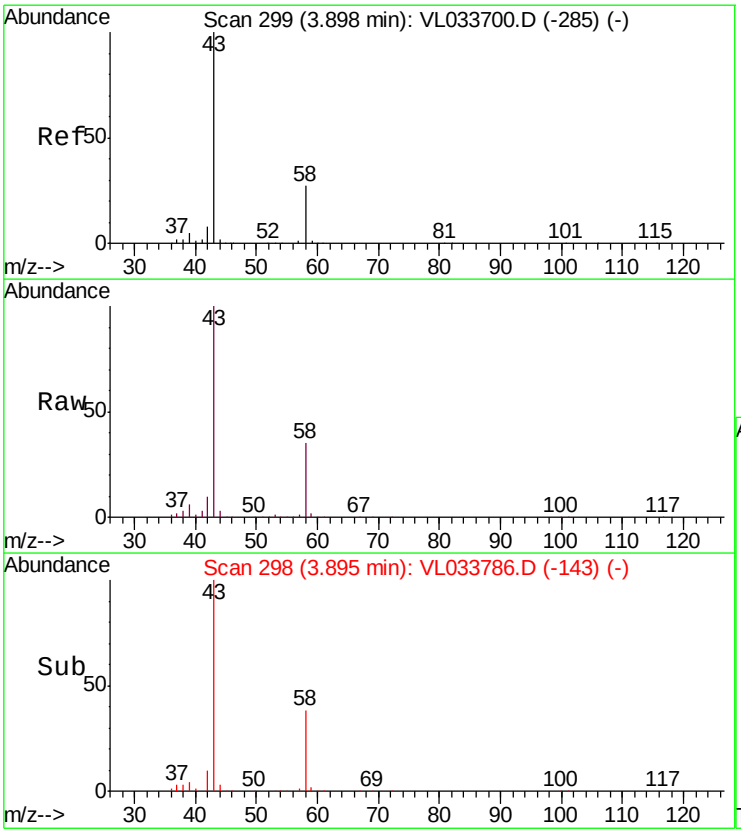
#13
Ethanol
Concen: 49.216 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.02 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 45 Resp: 698682

Ion	Ratio	Lower	Upper
45	100		
46	36.0	14.8	59.0

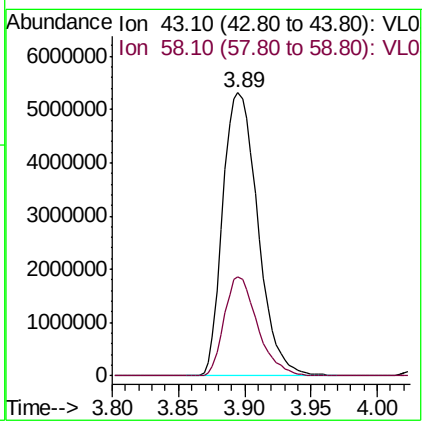


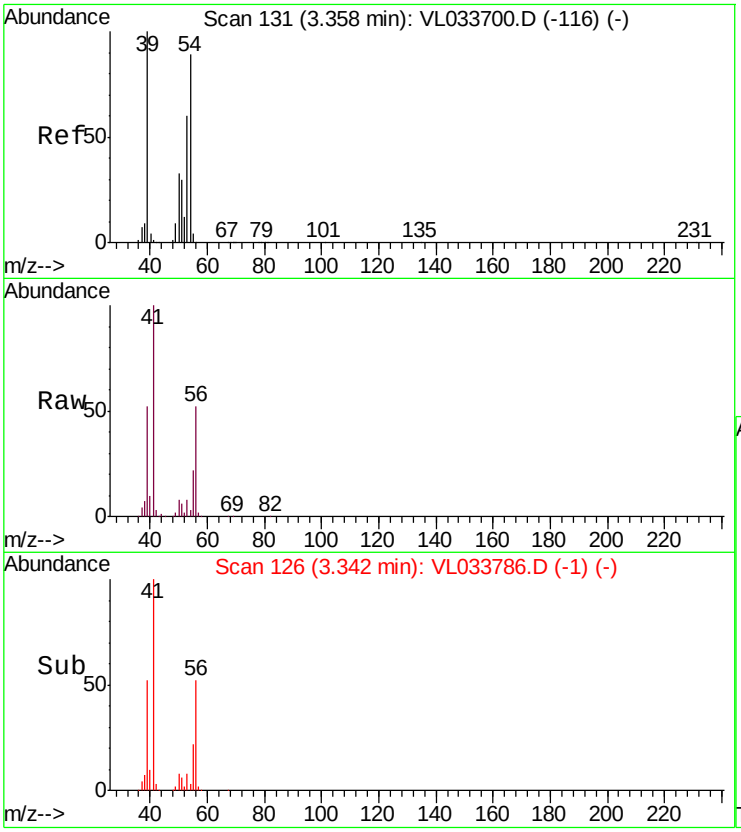


#15
Acetone
Concen: 78.247 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 43 Resp: 9787130

Ion	Ratio	Lower	Upper
43	100		
58	33.3	21.3	31.9#



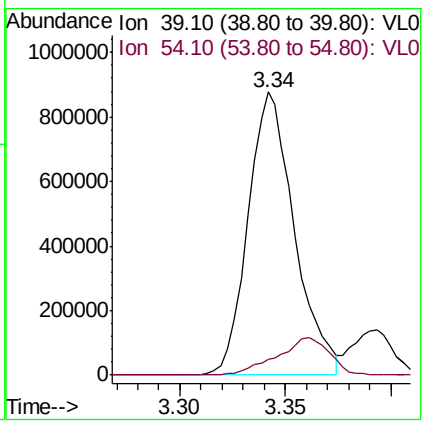


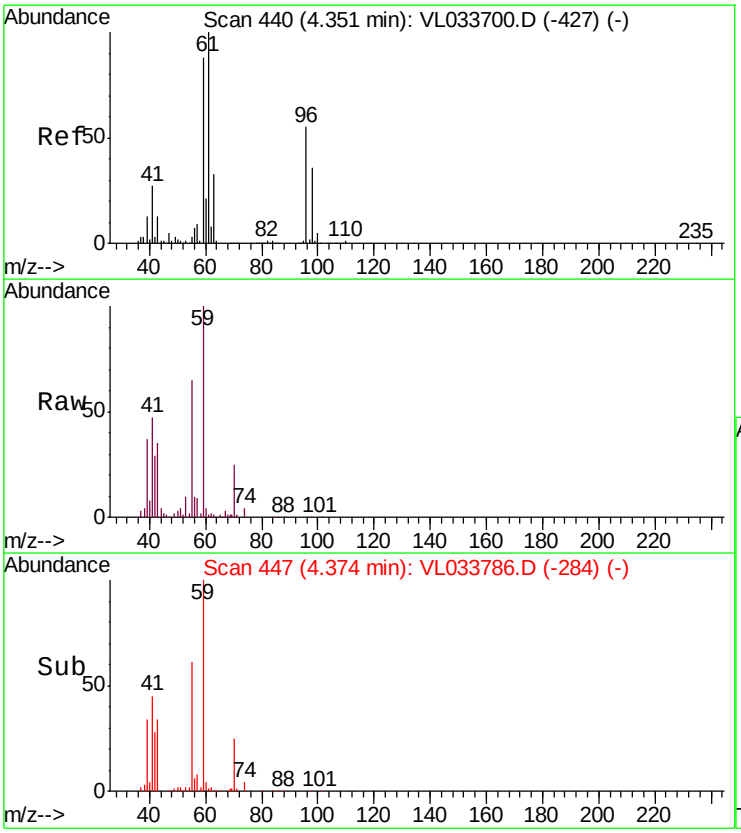
#16
1,3-Butadiene
Concen: 26.830 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 39 Resp: 1336366

Ion	Ratio	Lower	Upper
39	100		
54	15.4	69.0	103.6#

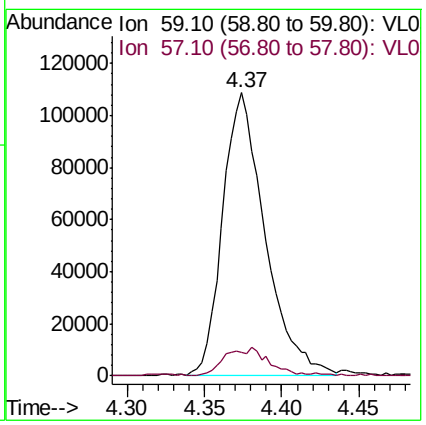


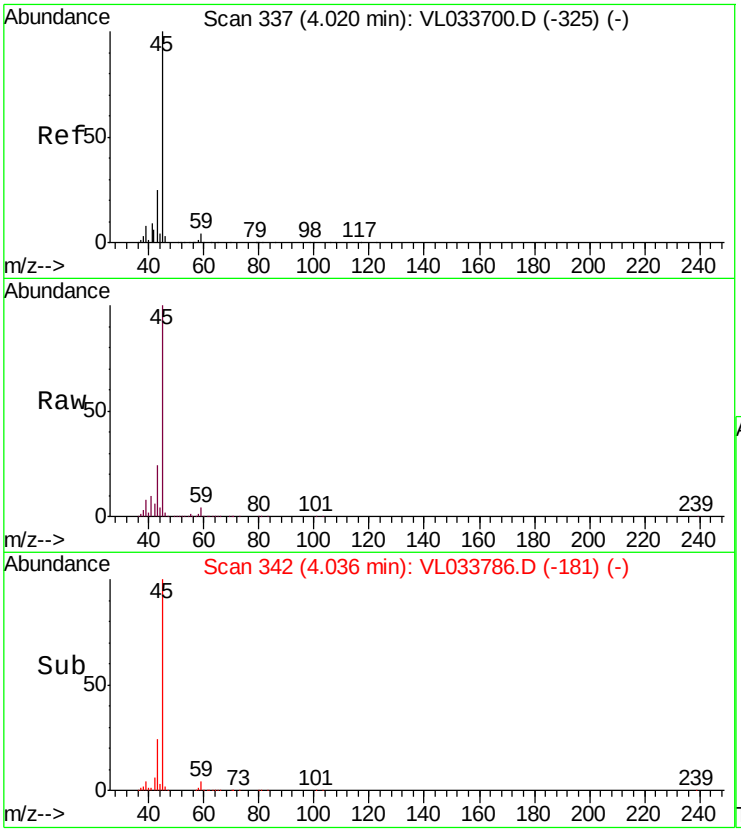


#17
tert-Butyl alcohol
Concen: 2.027 ppbv
RT: 4.37 min Scan# 447
Delta R.T. 0.02 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 59 Resp: 204971

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.4	12.6



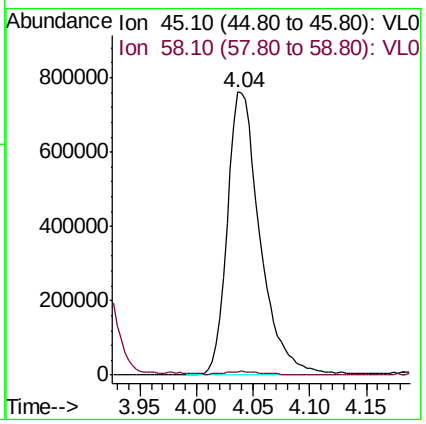


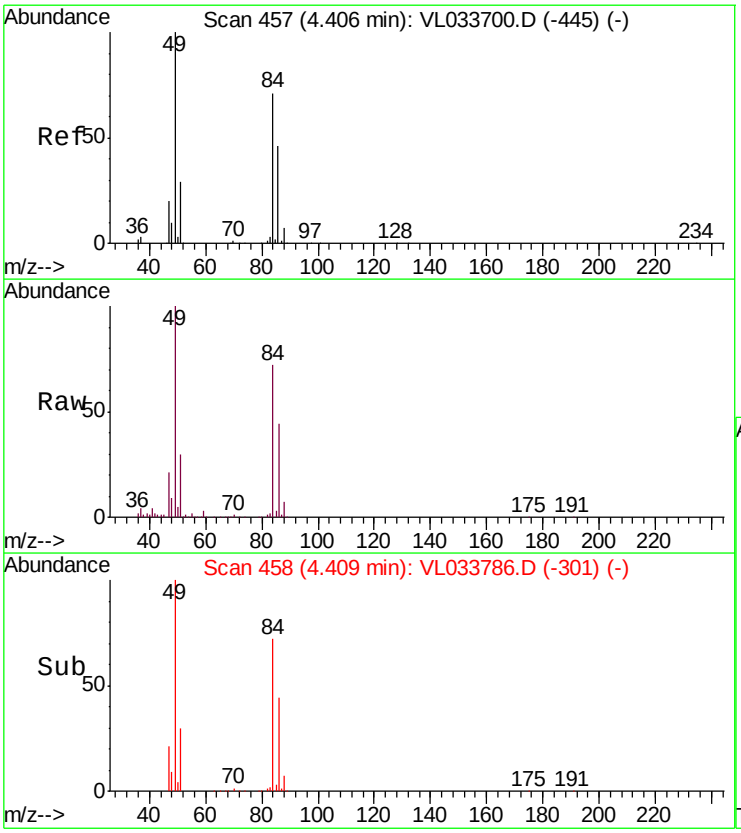
#19
Isopropyl Alcohol
Concen: 18.980 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 45 Resp: 1530711

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#

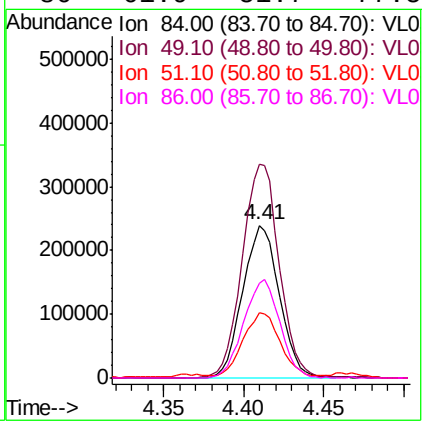


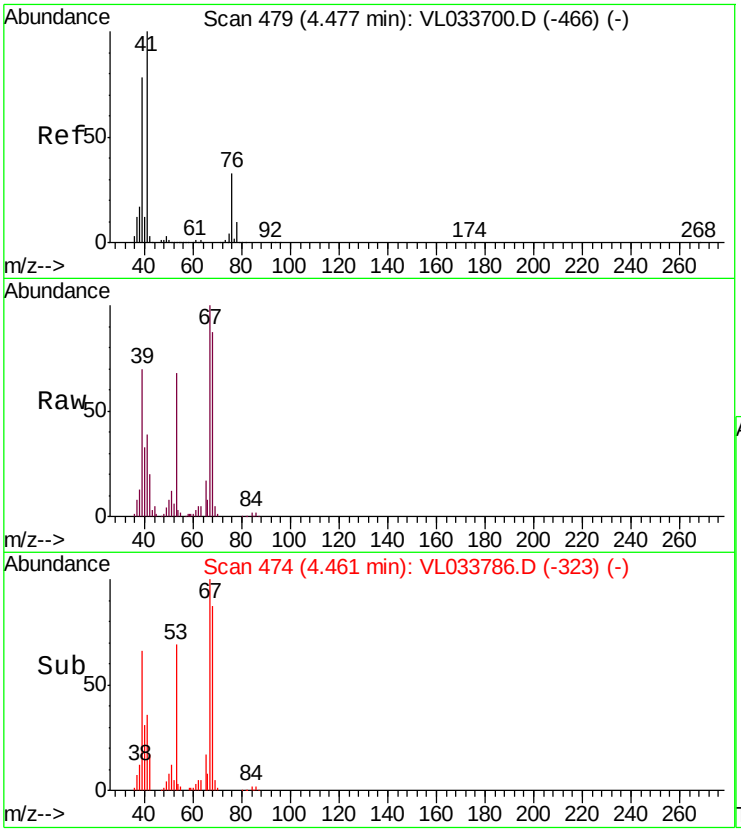


#20
Methylene Chloride
Concen: 7.758 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 84 Resp: 373596

Ion	Ratio	Lower	Upper
84	100		
49	139.4	112.8	169.2
51	40.5	33.4	50.0
86	61.9	51.7	77.5



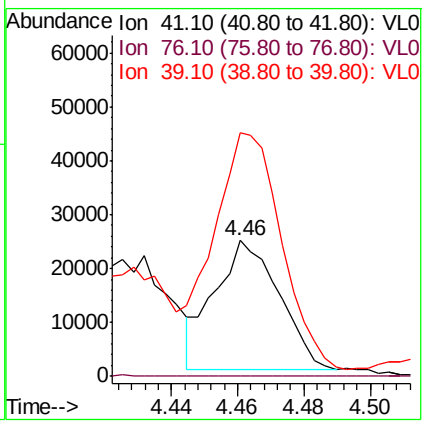


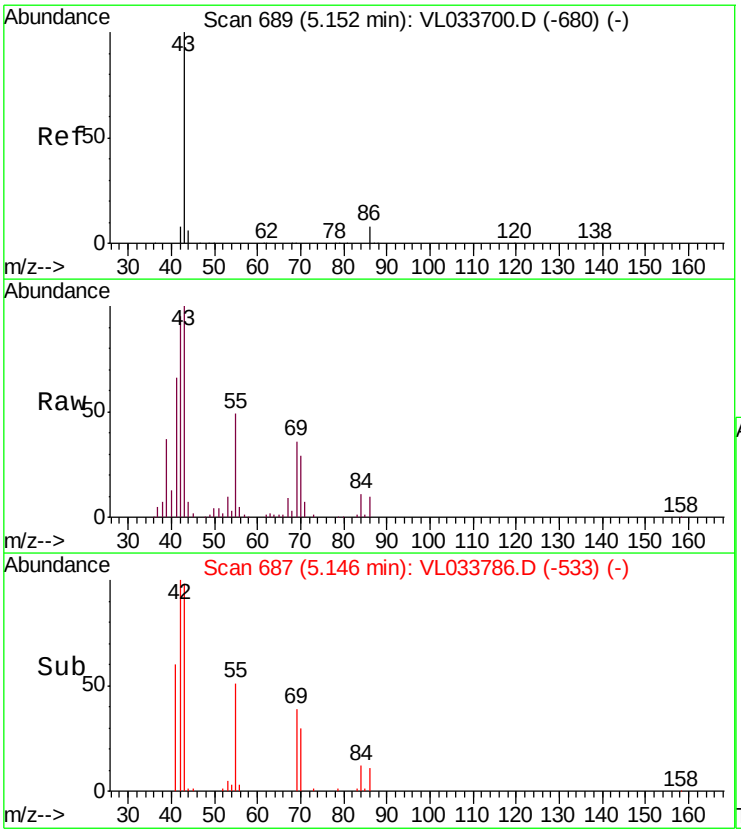
#21
Allyl Chloride
Concen: 0.416 ppbv
RT: 4.46 min Scan# 474
Delta R.T. -0.02 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 41 Resp: 32434

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	281.8	64.6	97.0#

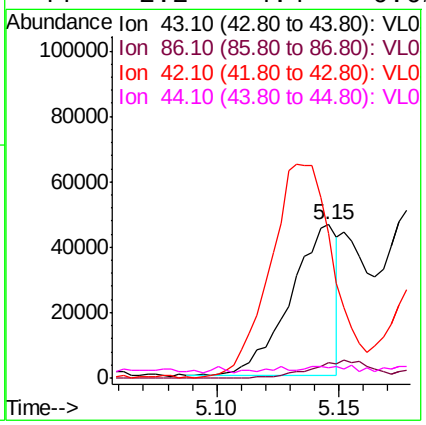


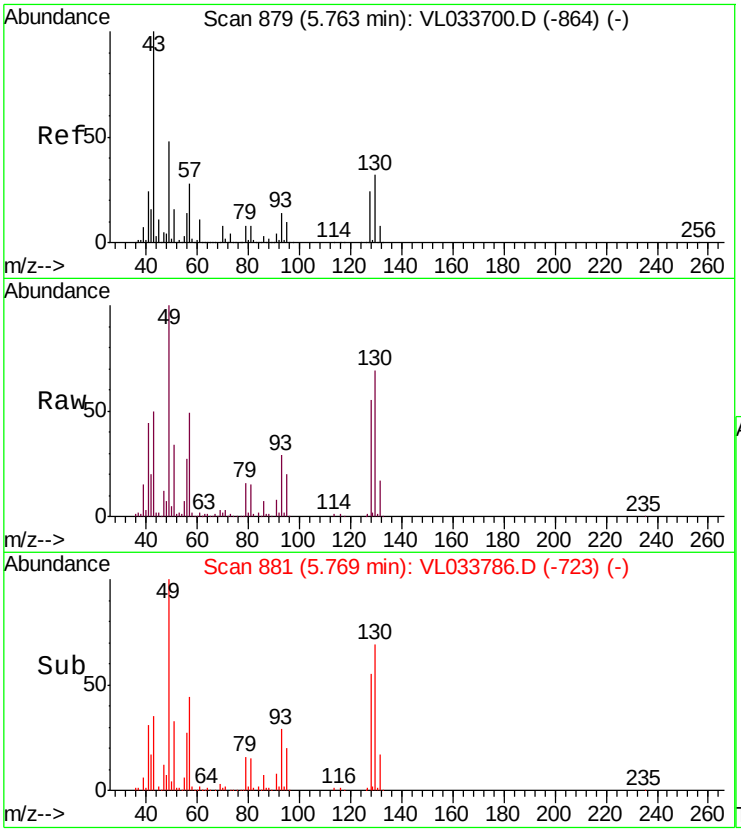


#23
Vinyl Acetate
Concen: 0.373 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 43 Resp: 61492

Ion	Ratio	Lower	Upper
43	100		
86	10.0	6.0	9.0#
42	94.0	7.5	11.3#
44	2.2	4.4	6.6#



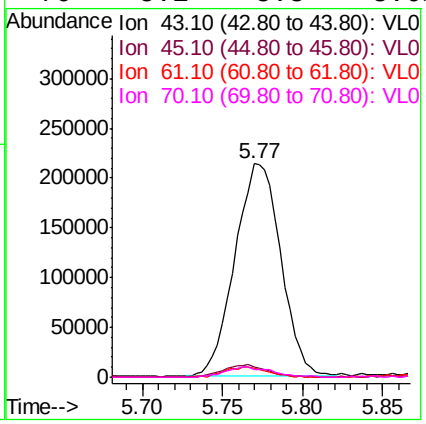


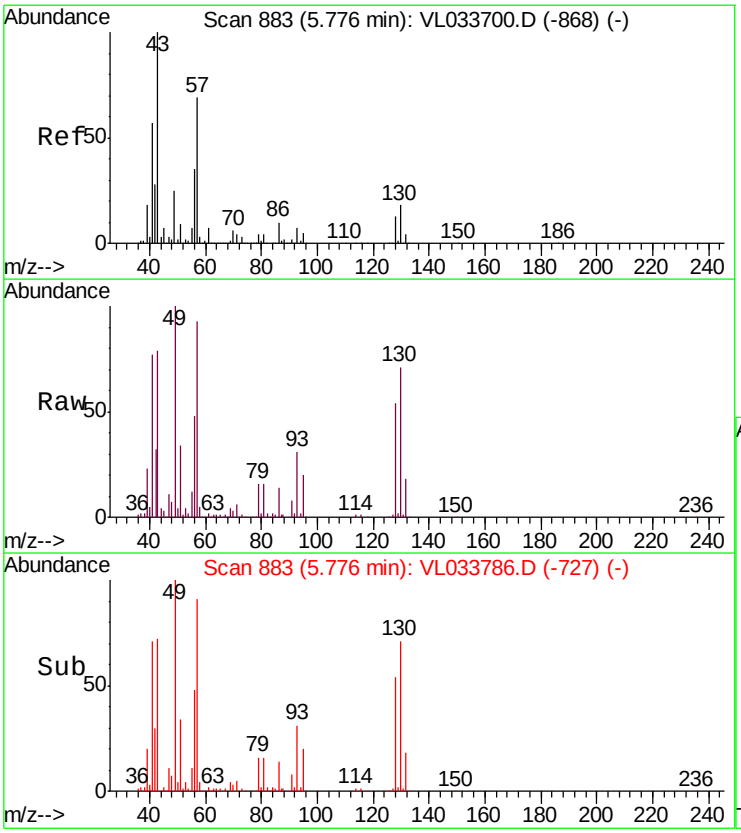
#25
Ethyl Acetate
Concen: 1.910 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 43 Resp: 419773

Ion	Ratio	Lower	Upper
43	100		
45	5.3	7.9	11.9#
61	4.6	7.7	11.5#
70	5.1	5.8	8.6#

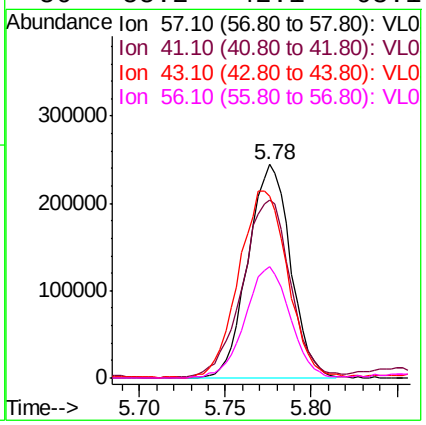


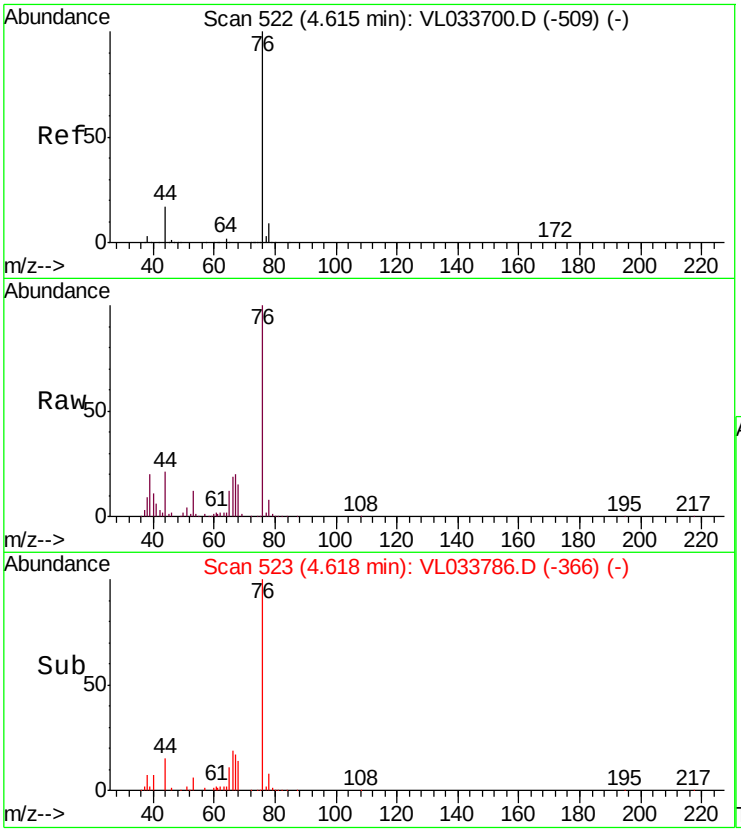


#26
Hexane
Concen: 4.444 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 57 Resp: 419820

Ion	Ratio	Lower	Upper
57	100		
41	93.8	69.8	104.6
43	100.2	181.8	272.6#
56	55.2	42.1	63.1



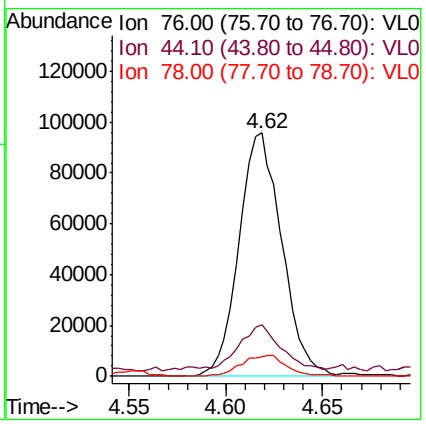


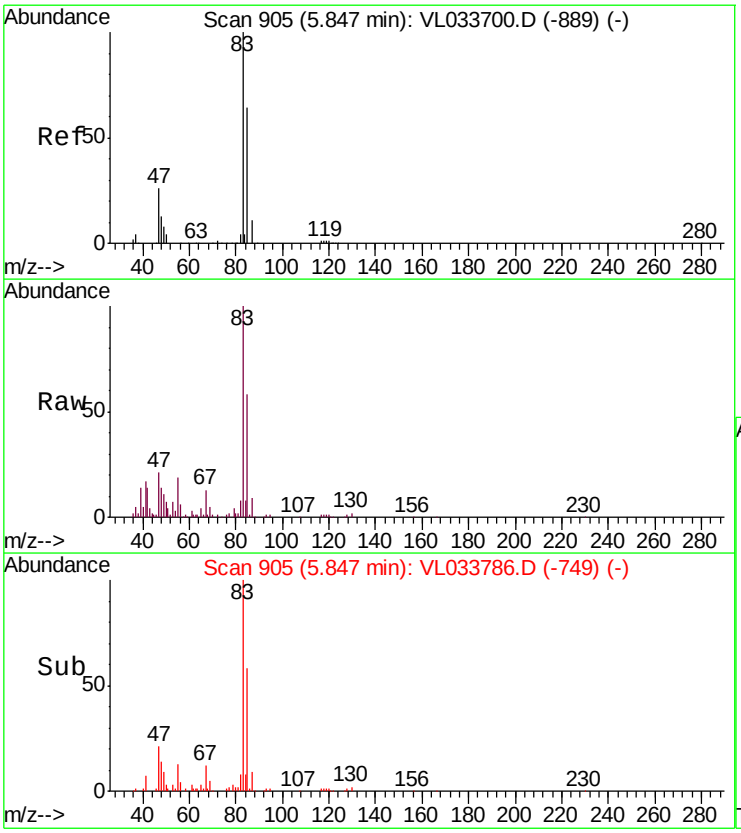
#27
Carbon Disulfide
Concen: 1.139 ppbv
RT: 4.62 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 76 Resp: 147630

Ion	Ratio	Lower	Upper
76	100		
44	19.3	13.8	20.8
78	9.1	7.4	11.0

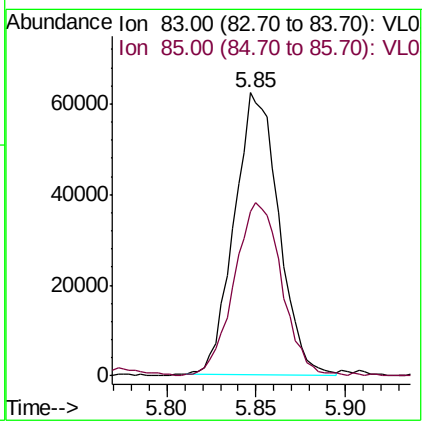


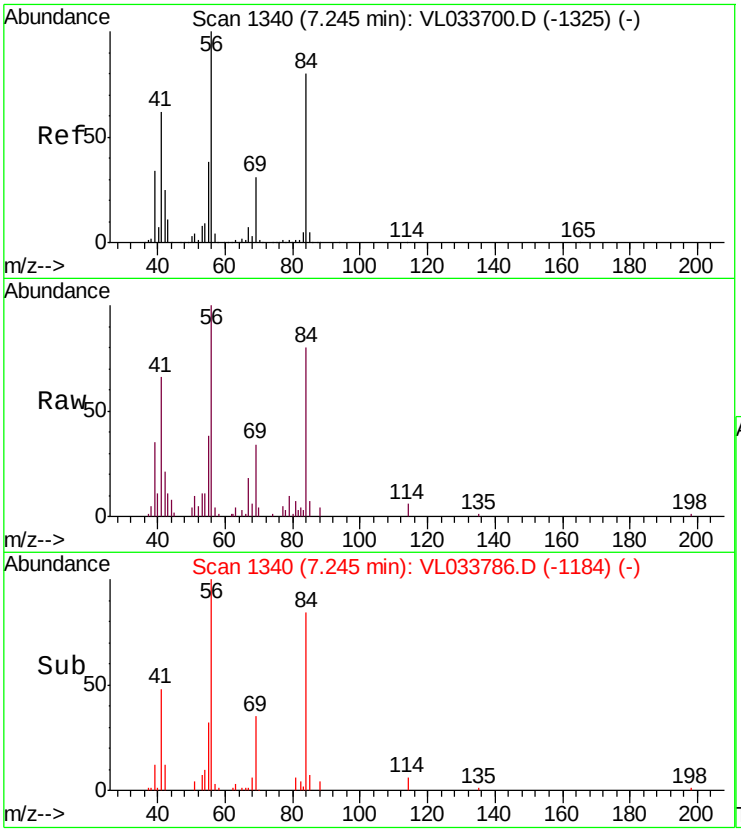


#29
Chloroform
Concen: 0.625 ppbv
RT: 5.85 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 83 Resp: 108831

Ion	Ratio	Lower	Upper
83	100		
85	57.9	51.5	77.3



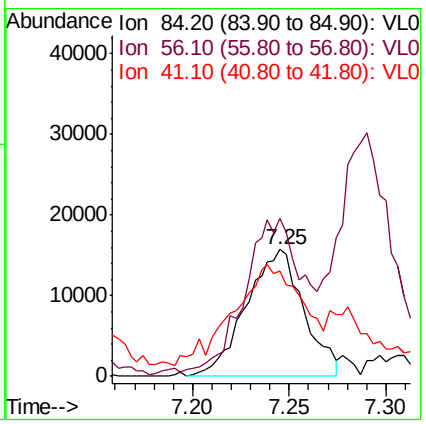


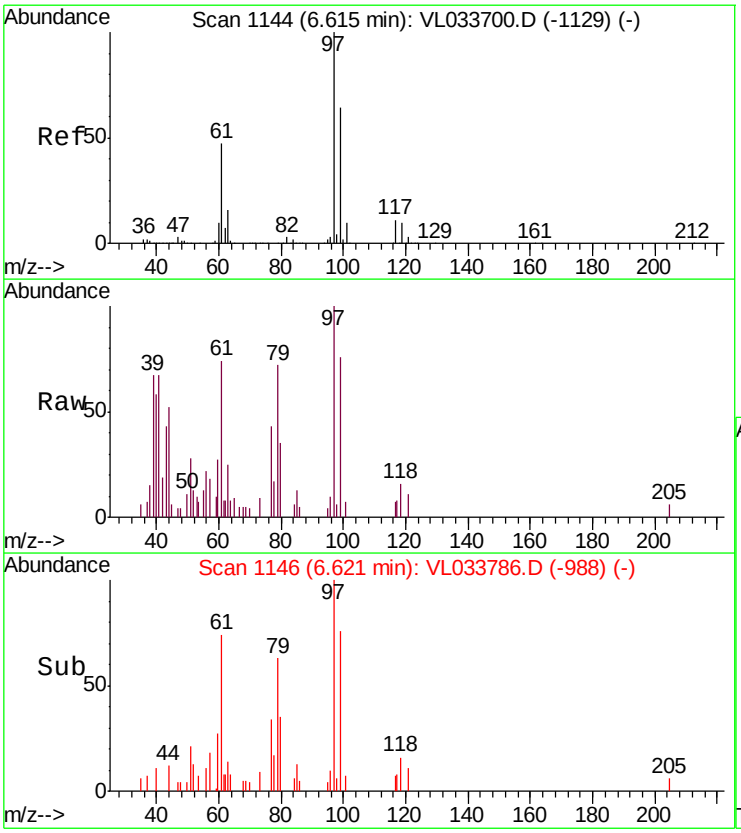
#30
Cyclohexane
Concen: 0.409 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 84 Resp: 32487

Ion	Ratio	Lower	Upper
84	100		
56	118.6	107.7	161.5
41	133.6	66.0	99.0#

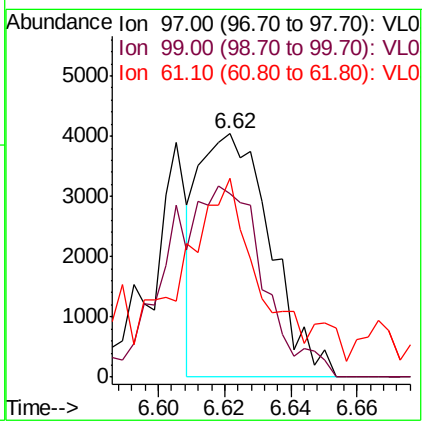


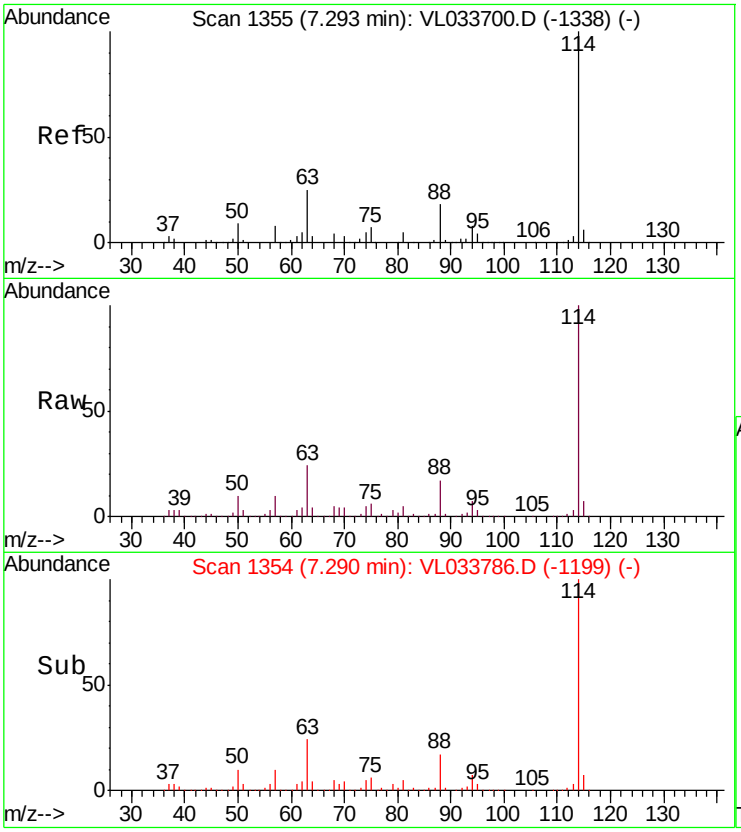


#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 97 Resp: 6043

Ion	Ratio	Lower	Upper
97	100		
99	107.7	51.5	77.3#
61	114.4	37.8	56.8#



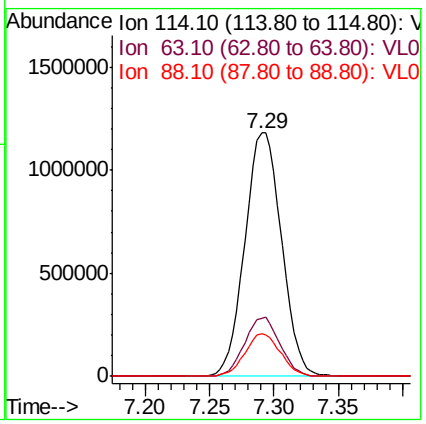


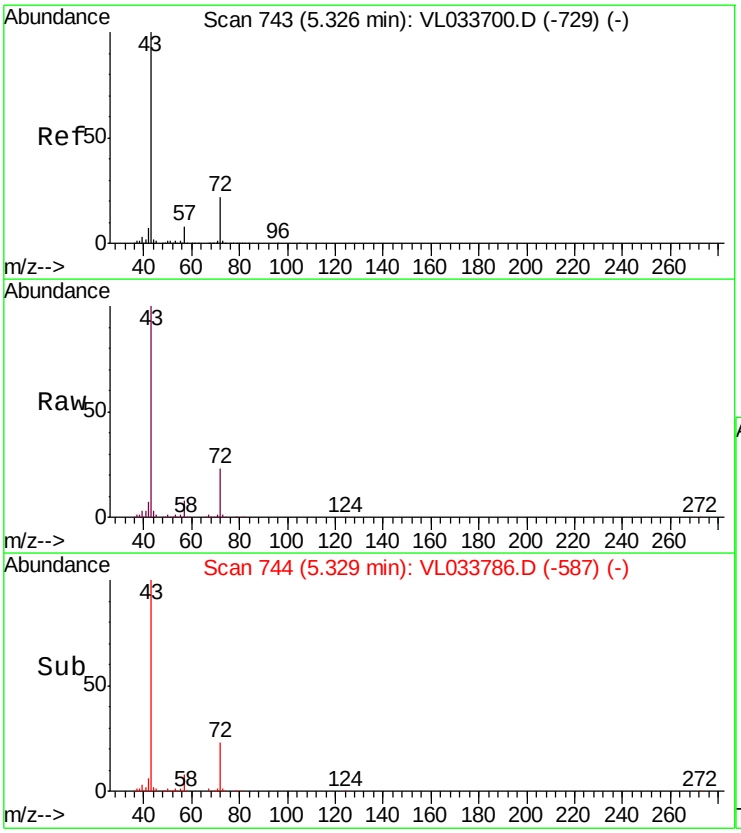
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:114 Resp: 2345357

Ion	Ratio	Lower	Upper
114	100		
63	23.6	20.9	31.3
88	17.1	14.3	21.5

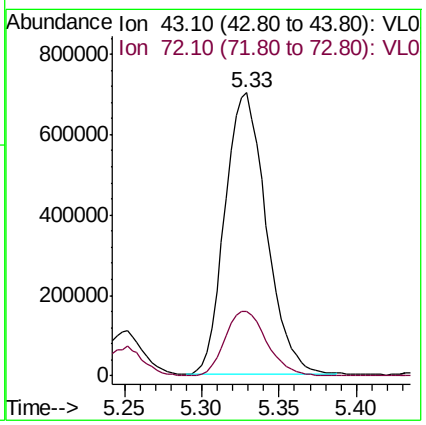


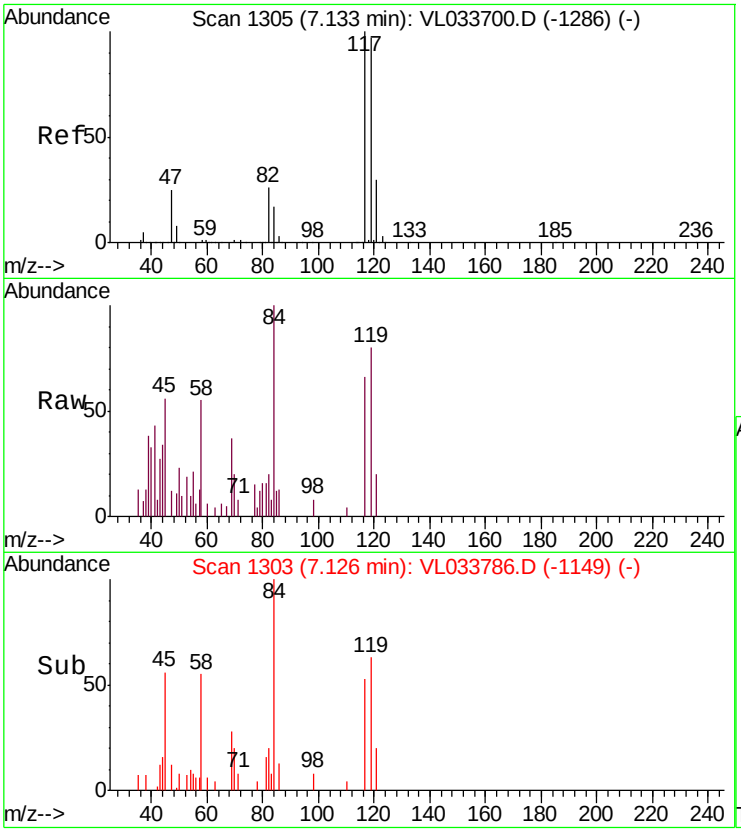


#34
2-Butanone
Concen: 8.974 ppbv
RT: 5.33 min Scan# 744
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 43 Resp: 1304588

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.8	26.6



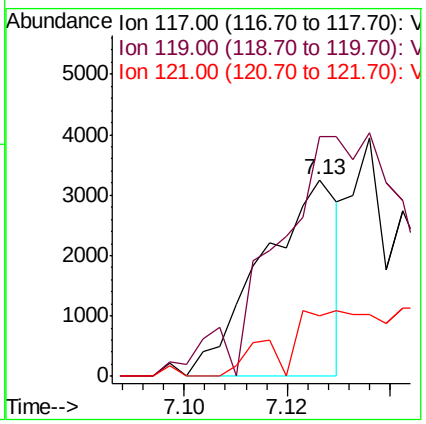


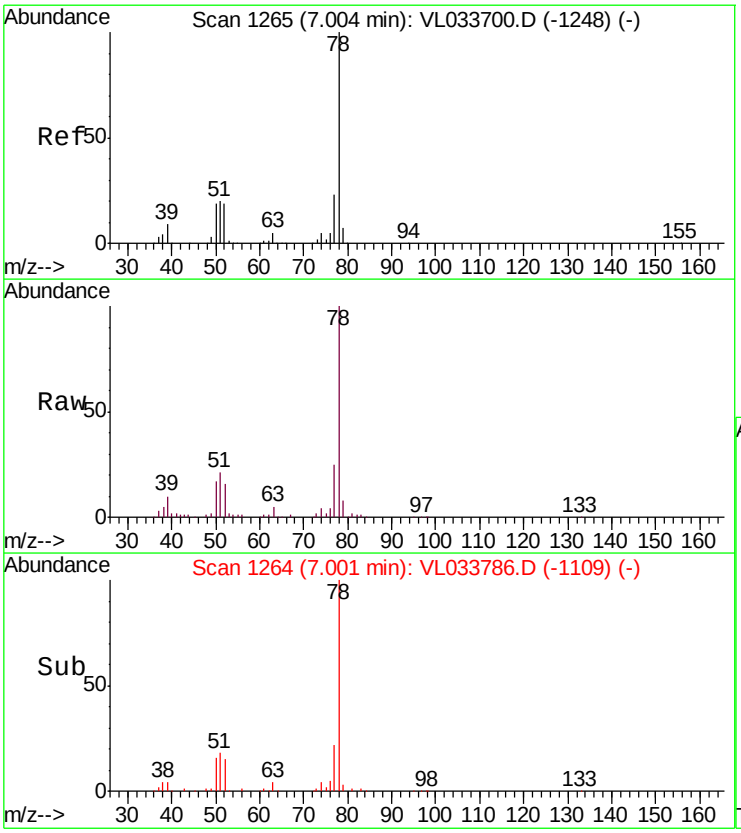
#35
Carbon Tetrachloride
Concen: 0.018 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:117 Resp: 3327

Ion	Ratio	Lower	Upper
117	100		
119	115.5	77.2	115.8
121	30.9	24.1	36.1

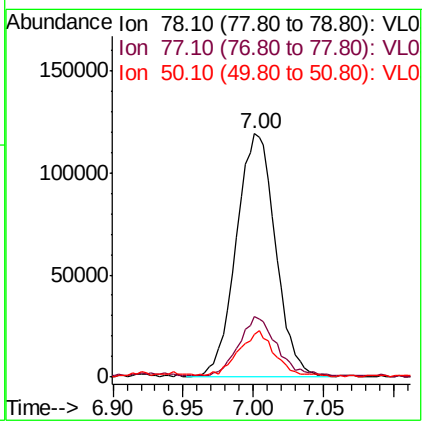


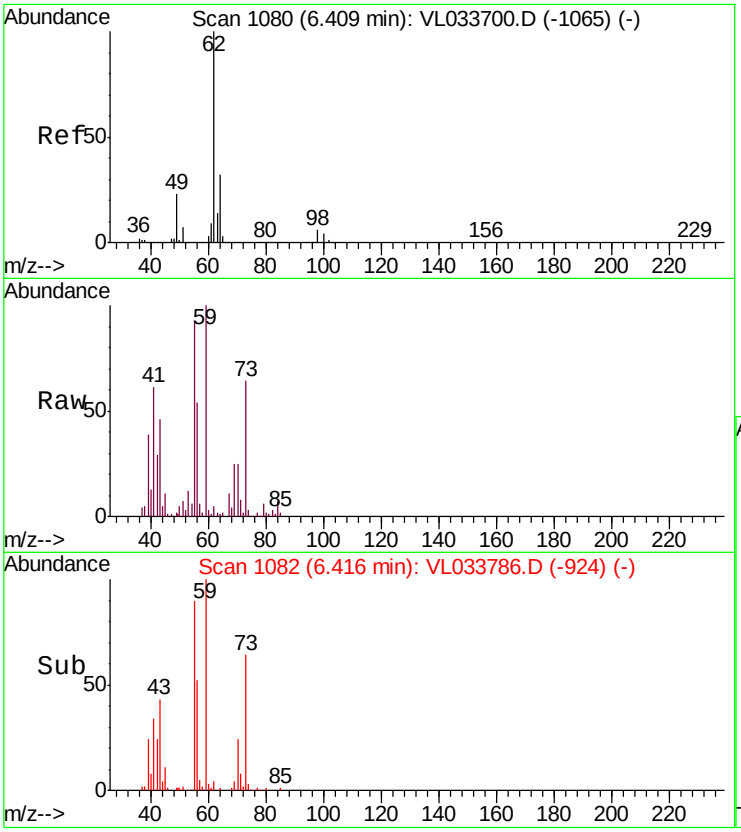


#36
Benzene
Concen: 1.087 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 78 Resp: 231940

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.4	27.6
50	17.1	15.5	23.3



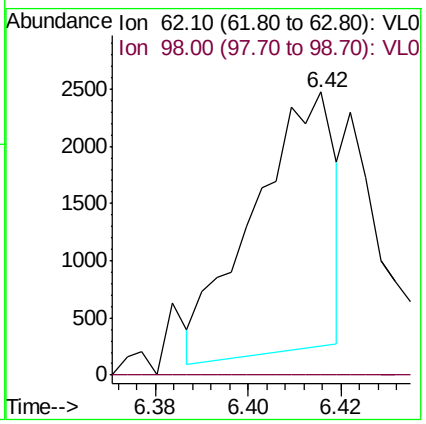


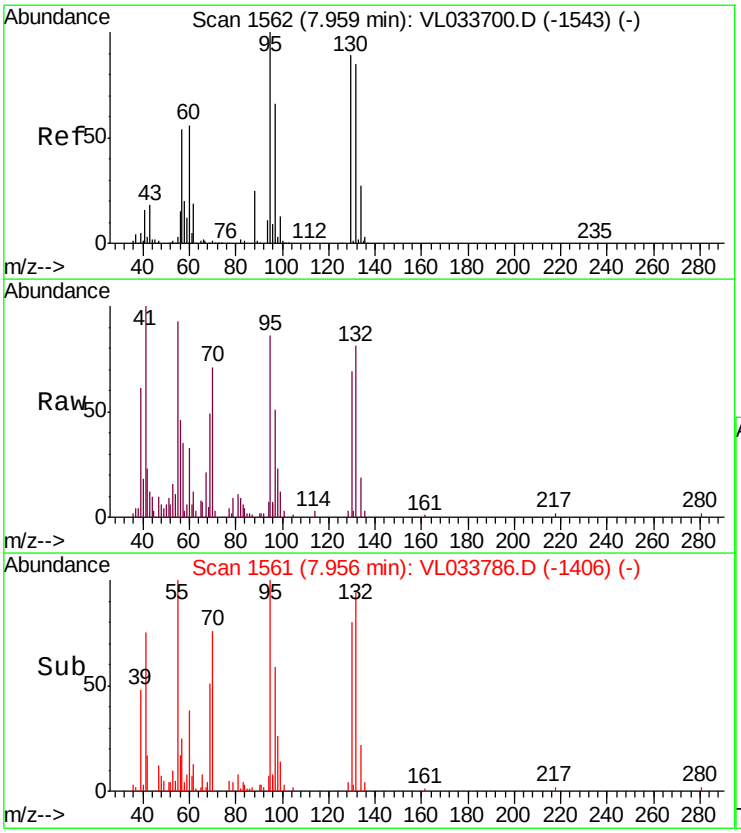
#37
1,2-Dichloroethane
Concen: 0.020 ppbv
RT: 6.42 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 62 Resp: 2734

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#

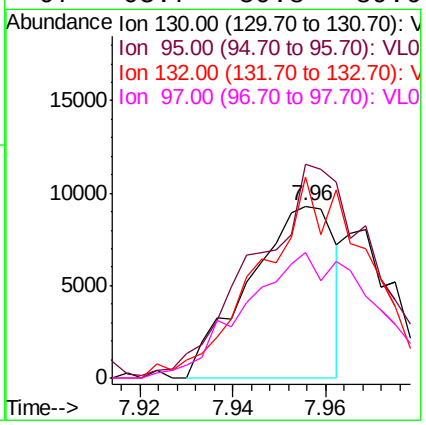


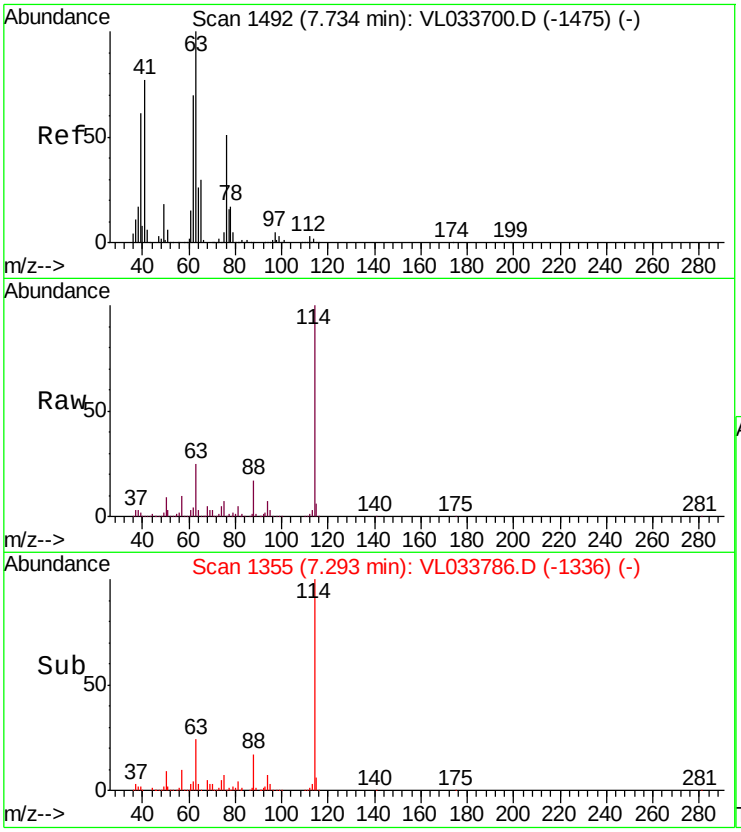


#38
Trichloroethene
Concen: 0.150 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:130 Resp: 11901

Ion	Ratio	Lower	Upper
130	100		
95	114.7	90.2	135.4
132	102.5	76.4	114.6
97	63.7	59.8	89.6



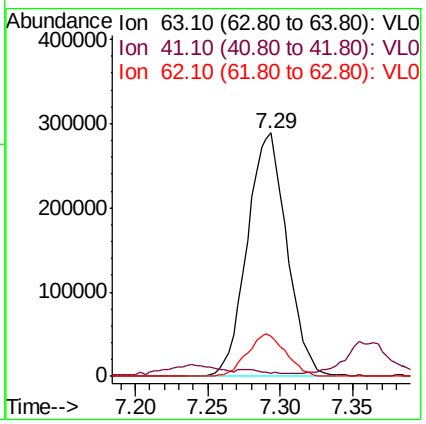


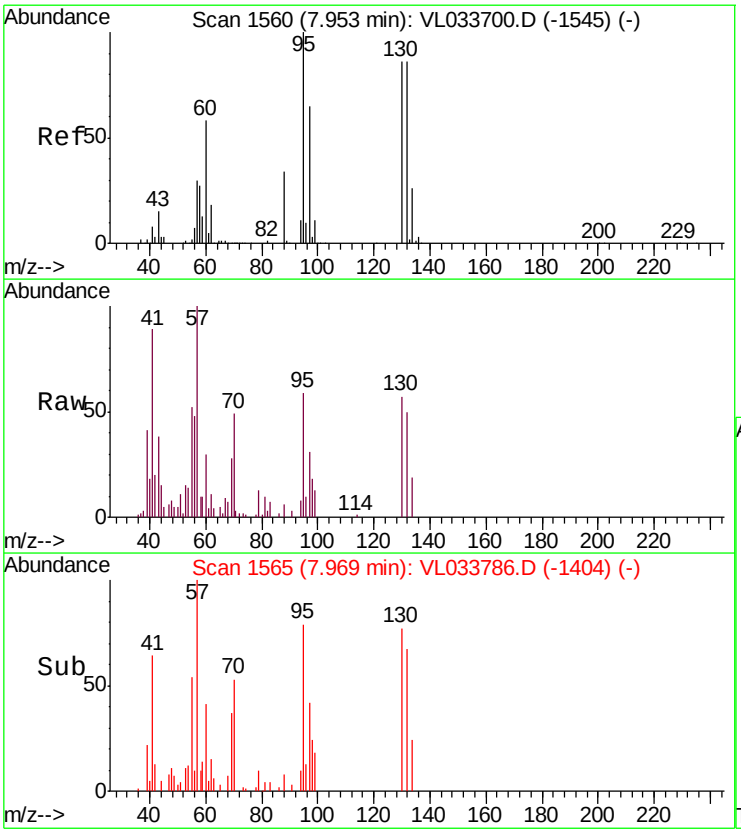
#39
1,2-Dichloropropane
Concen: 6.889 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.44 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 63 Resp: 547951

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.6	56.2	84.4#

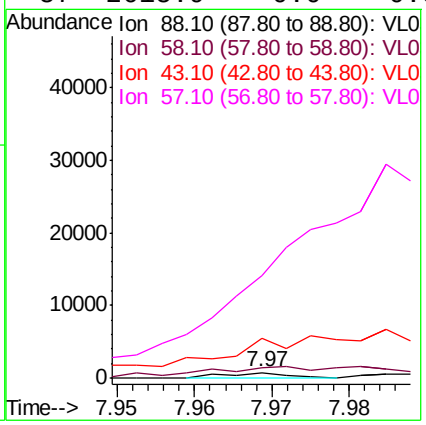


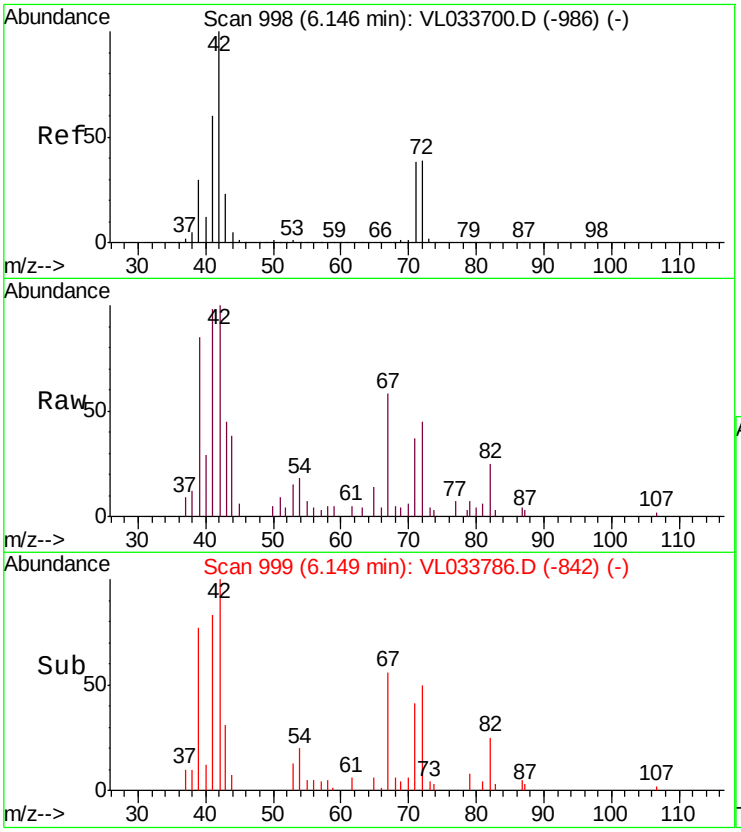


#40
1,4-Dioxane
Concen: 0.013 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. 0.02 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 88 Resp: 434

Ion	Ratio	Lower	Upper
88	100		
58	0.0	101.8	152.6#
43	0.0	0.0	0.0
57	2615.9	0.0	0.0#



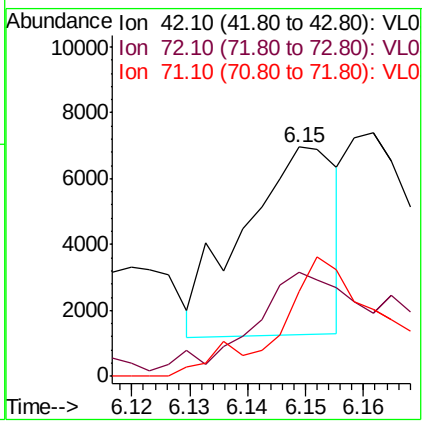


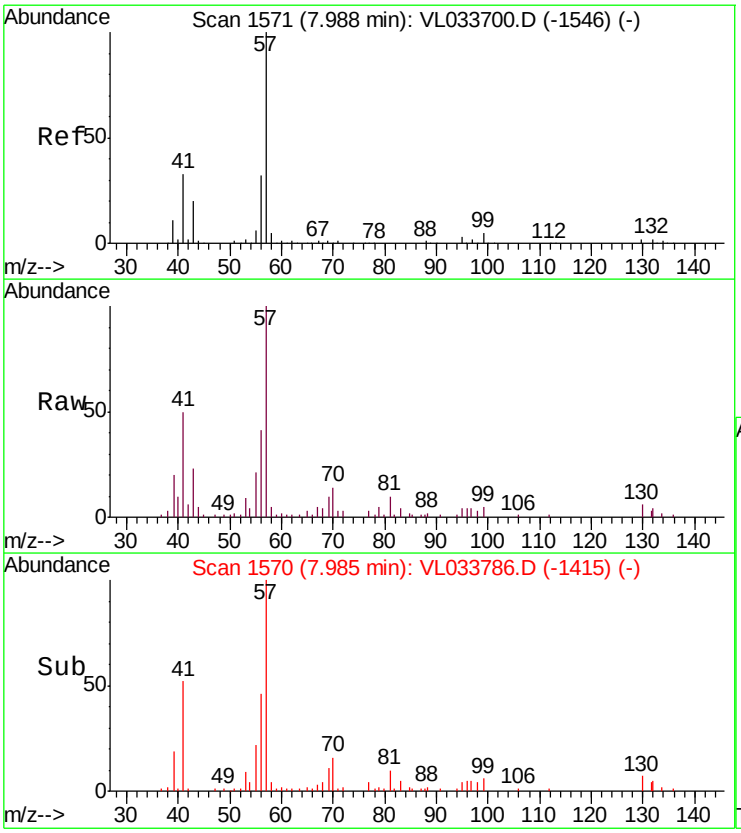
#41
Tetrahydrofuran
Concen: 0.079 ppbv
RT: 6.15 min Scan# 999
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 42 Resp: 6410

Ion	Ratio	Lower	Upper
42	100		
72	101.6	32.0	48.0#
71	81.3	30.4	45.6#

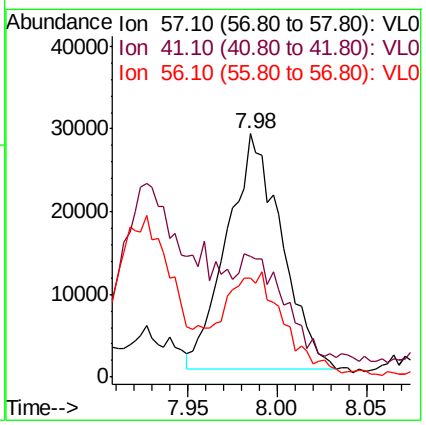


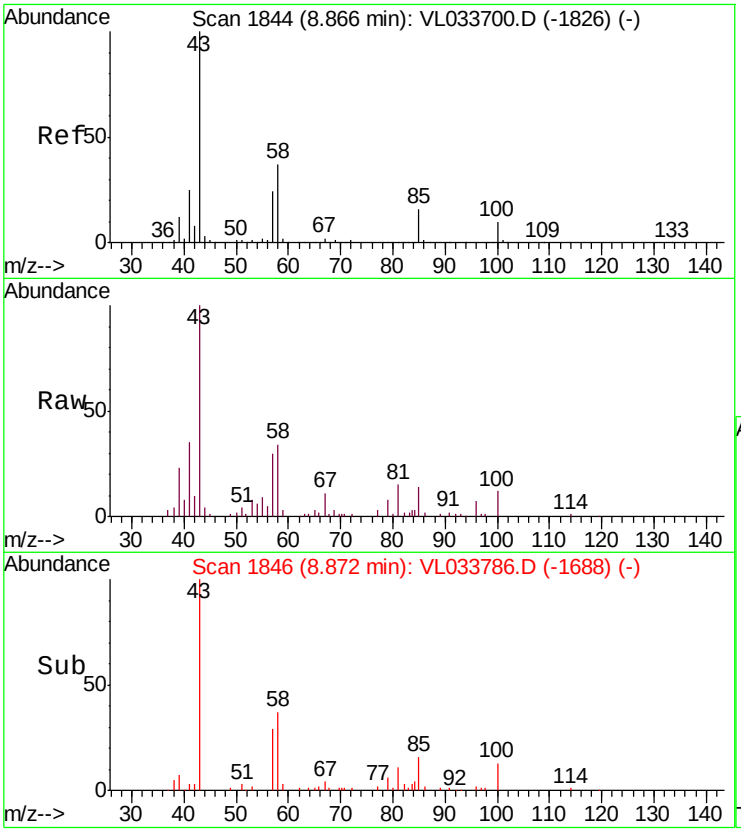


#44
2,2,4-Trimethylpentane
Concen: 0.168 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 57 Resp: 60630

Ion	Ratio	Lower	Upper
57	100		
41	9.9	25.4	38.0#
56	49.6	24.7	37.1#



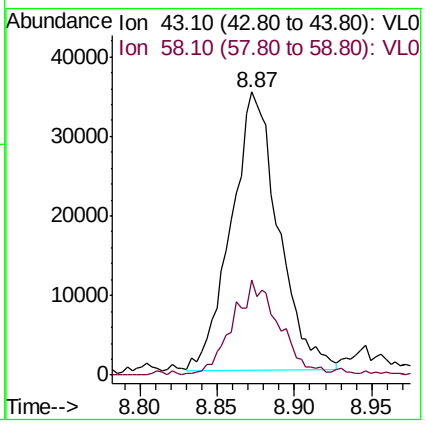


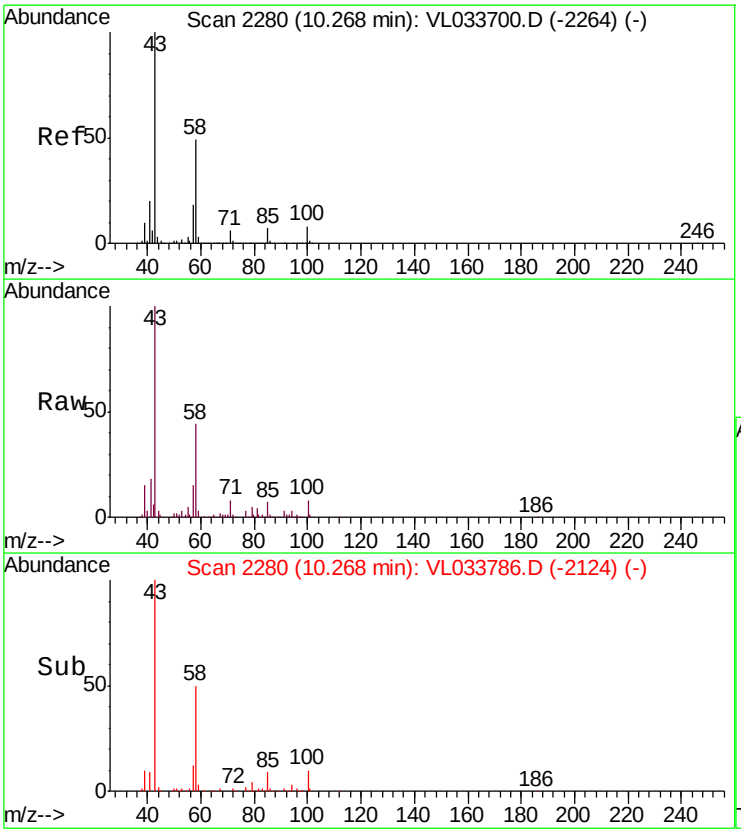
#50
4-Methyl-2-Pentanone
Concen: 0.332 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 43 Resp: 74265

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.6	43.0

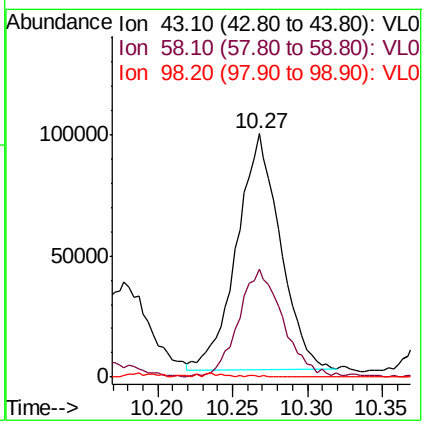


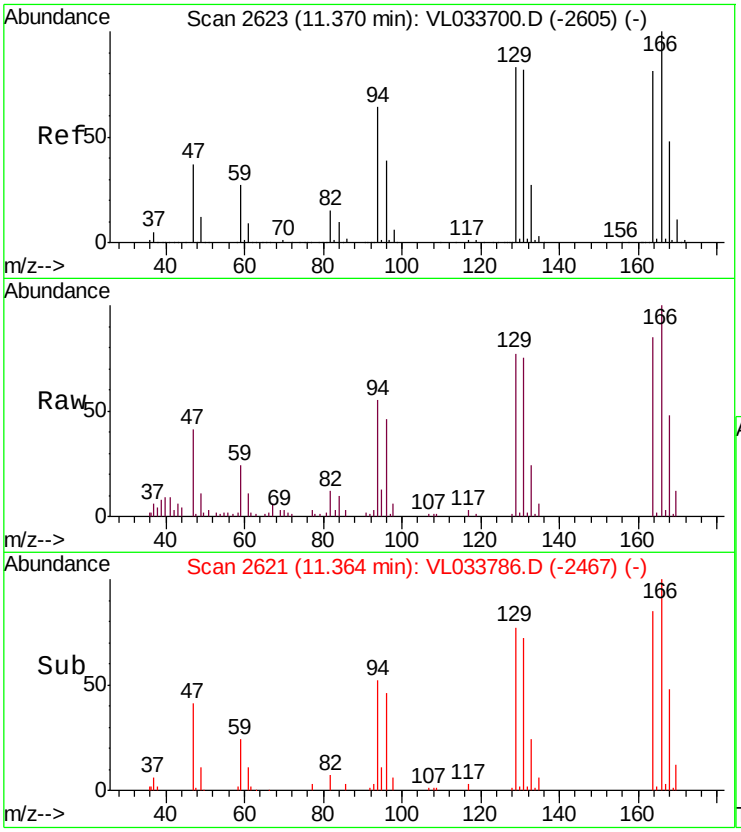


#51
2-Hexanone
Concen: 1.134 ppbv
RT: 10.27 min Scan# 2280
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 43 Resp: 197945

Ion	Ratio	Lower	Upper
43	100		
58	47.1	38.7	58.1
98	1.5	0.2	0.4#



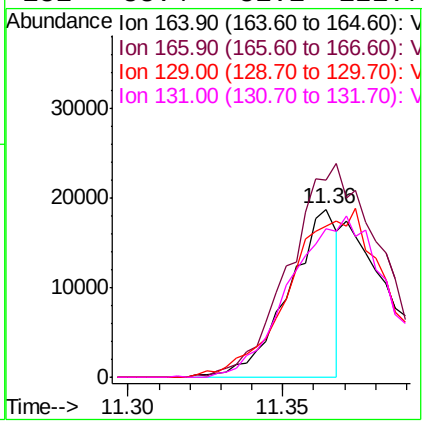


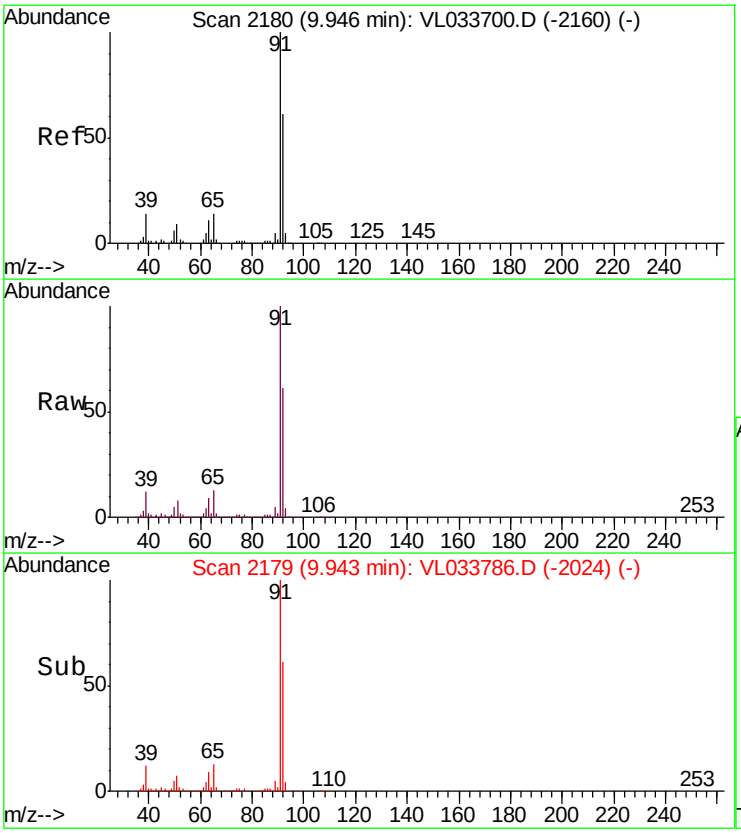
#52
Tetrachloroethene
Concen: 0.271 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion:164 Resp: 20341

Ion	Ratio	Lower	Upper
164	100		
166	117.4	98.9	148.3
129	89.9	81.8	122.6
131	88.4	81.1	121.7

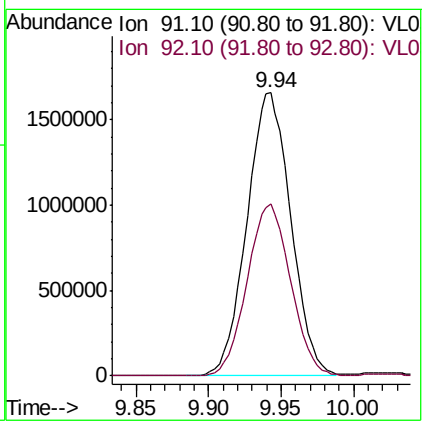


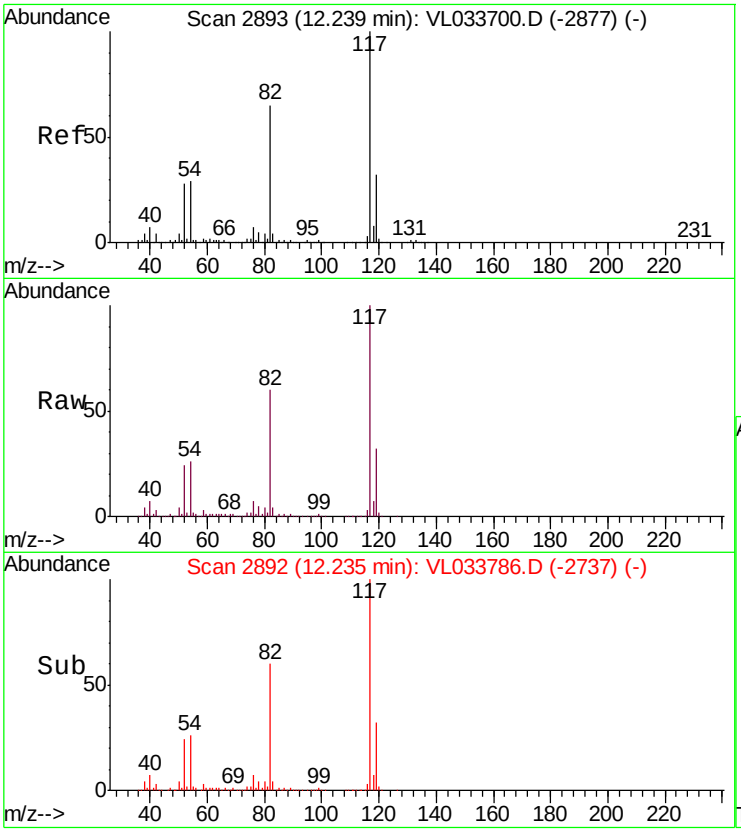


#53
Toluene
Concen: 15.164 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 91 Resp: 3489463

Ion	Ratio	Lower	Upper
91	100		
92	60.2	47.6	71.4



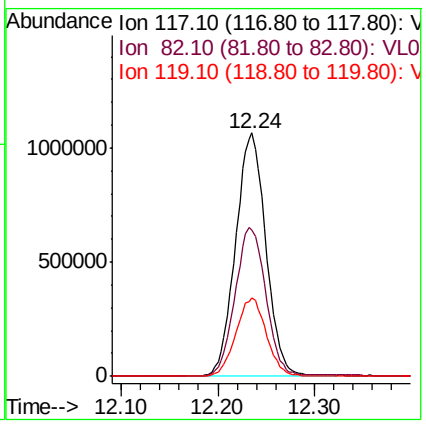


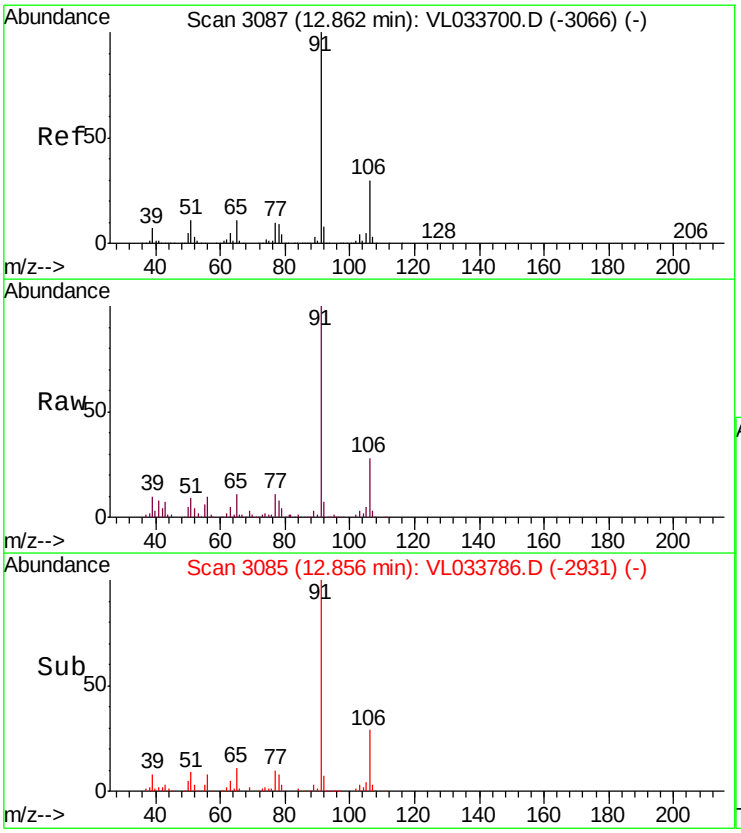
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion:117 Resp: 2328912

Ion	Ratio	Lower	Upper
117	100		
82	62.0	49.4	74.0
119	32.5	24.9	37.3

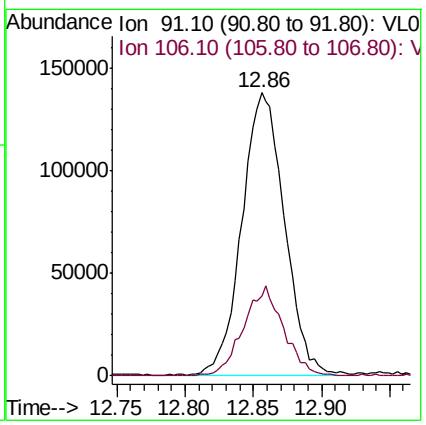


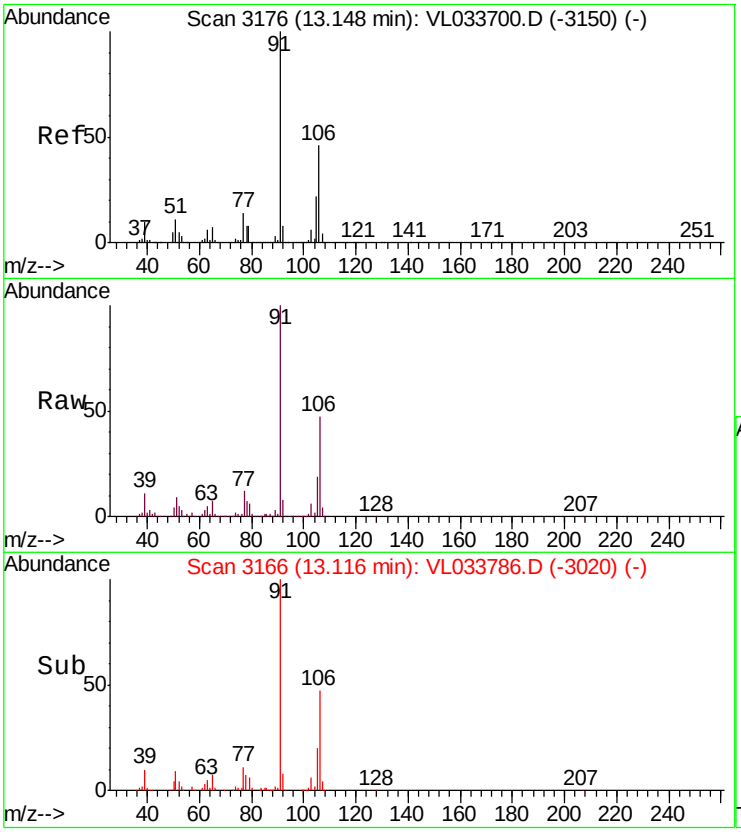


#58
Ethyl Benzene
Concen: 0.962 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 91 Resp: 296716

Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.9	35.9



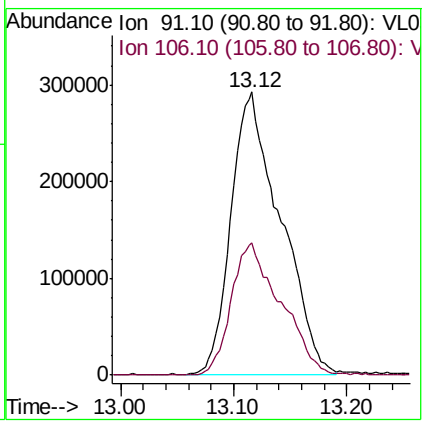


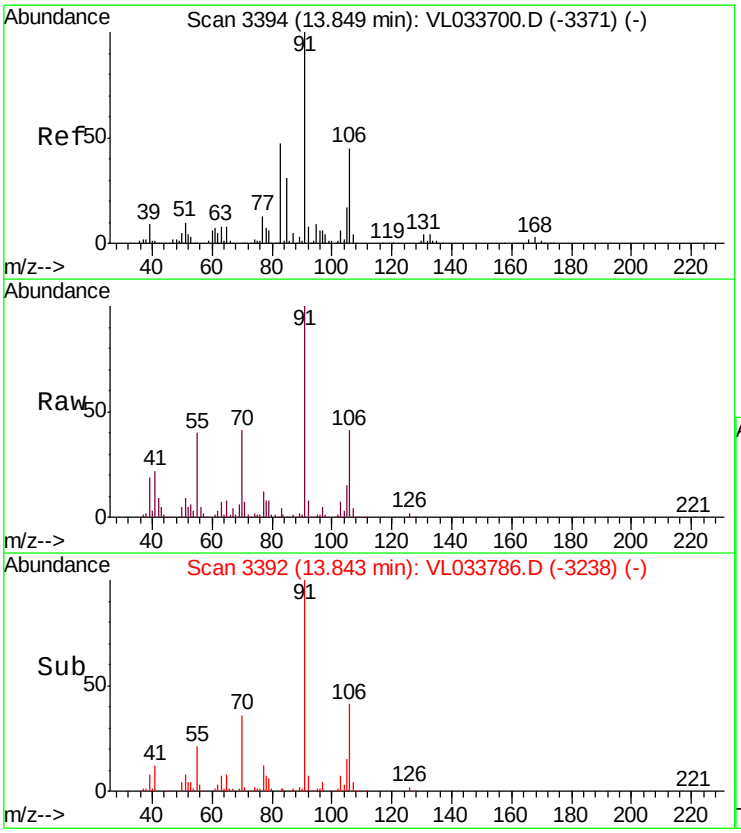
#59
m/p-Xylene
Concen: 3.295 ppbv
RT: 13.12 min Scan# 3166
Delta R.T. -0.03 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 91 Resp: 888285

Ion	Ratio	Lower	Upper
91	100		
106	46.8	35.8	53.6

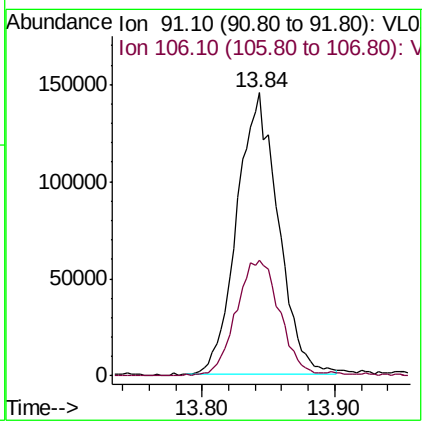


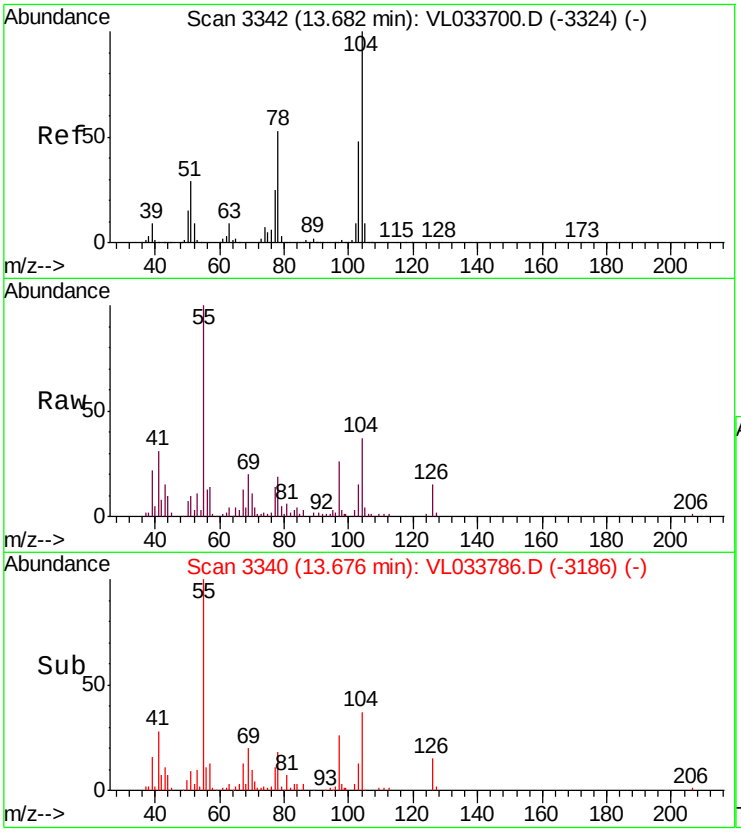


#60
o-Xylene
Concen: 1.152 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 91 Resp: 313034

Ion	Ratio	Lower	Upper
91	100		
106	44.5	21.6	64.8



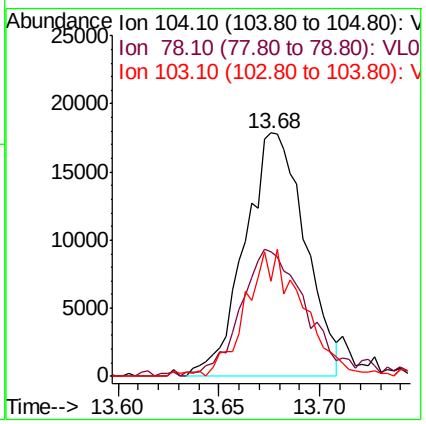


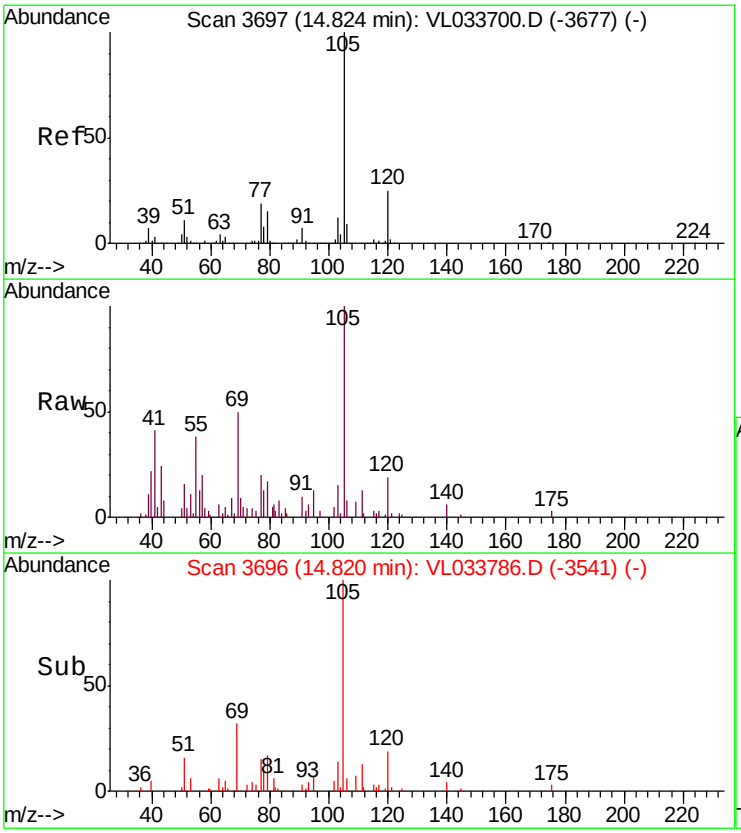
#61
Styrene
Concen: 0.203 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion:104 Resp: 37219

Ion	Ratio	Lower	Upper
104	100		
78	60.7	42.6	64.0
103	50.5	37.8	56.6

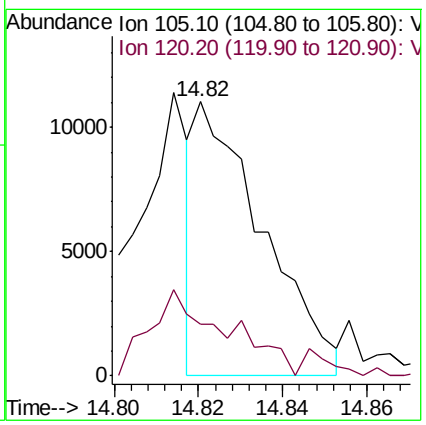


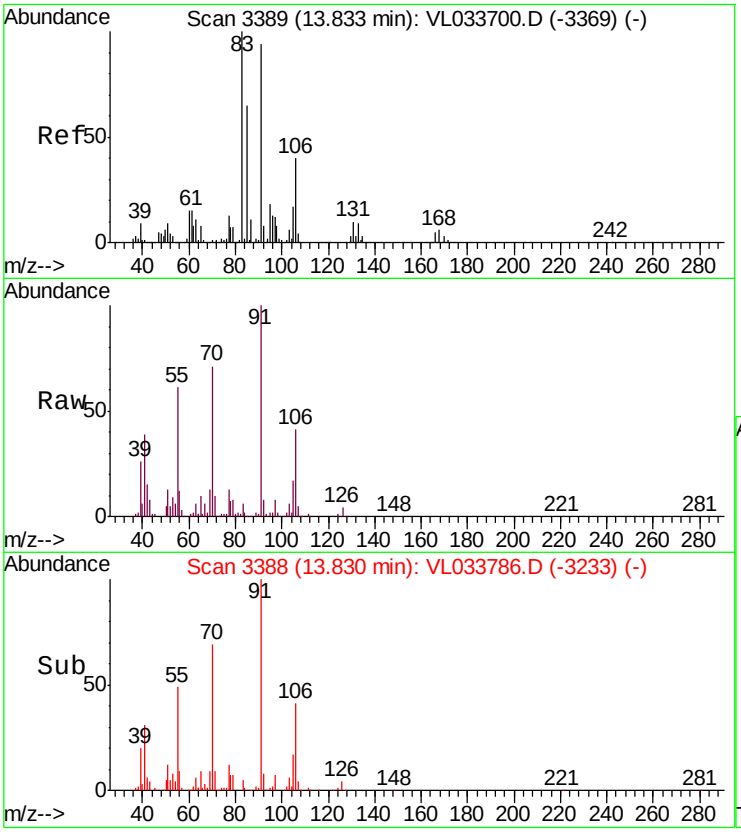


#62
Isopropylbenzene
Concen: 0.033 ppbv
RT: 14.82 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:105 Resp: 12225

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.1	30.1#



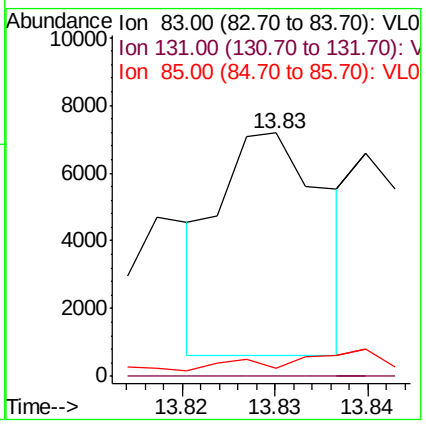


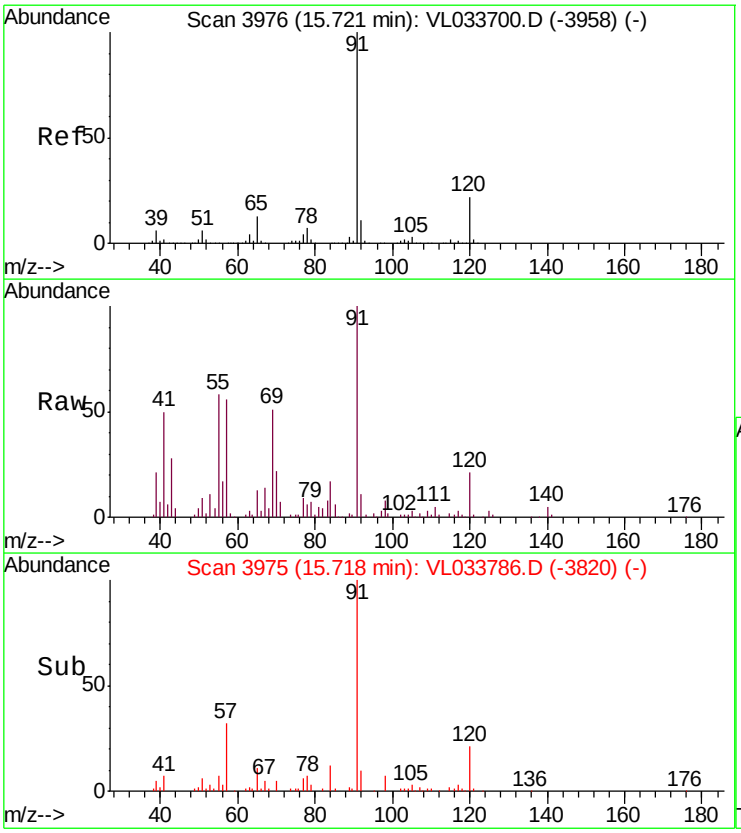
#63
1,1,2,2-Tetrachloroethane
Concen: 0.026 ppbv
RT: 13.83 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 83 Resp: 5201

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	32.3	96.9#

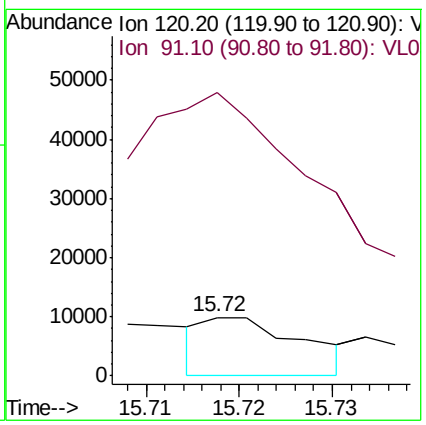


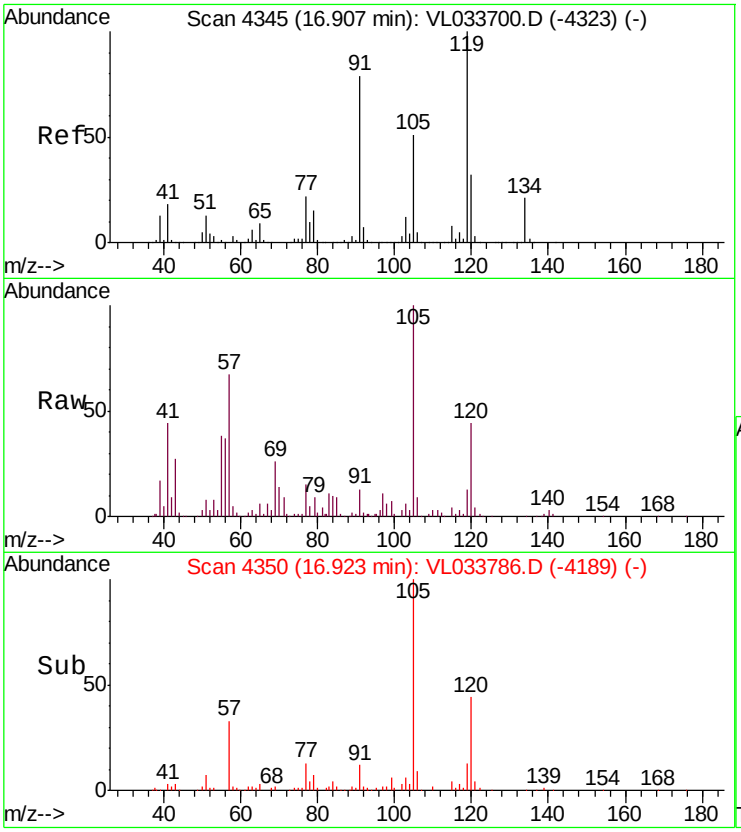


#64
n-propylbenzene
Concen: 0.075 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:120 Resp: 7087

Ion	Ratio	Lower	Upper
120	100		
91	1668.3	379.1	568.7#



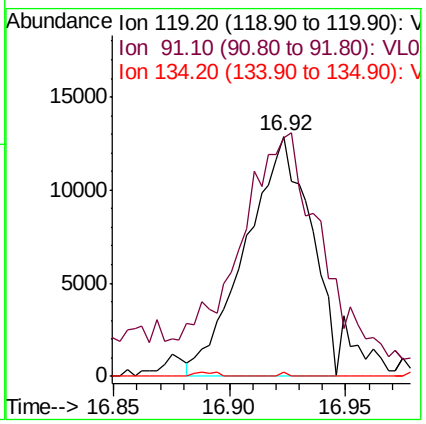


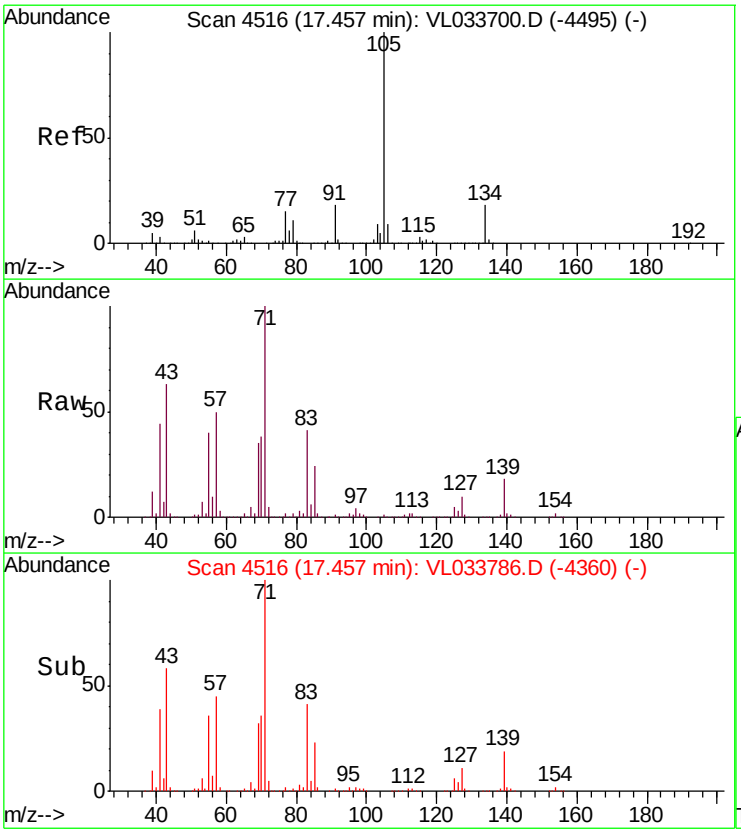
#65
tert-Butylbenzene
Concen: 0.075 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. 0.02 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:119 Resp: 24912

Ion	Ratio	Lower	Upper
119	100		
91	122.4	65.3	97.9#
134	0.0	15.7	23.5#

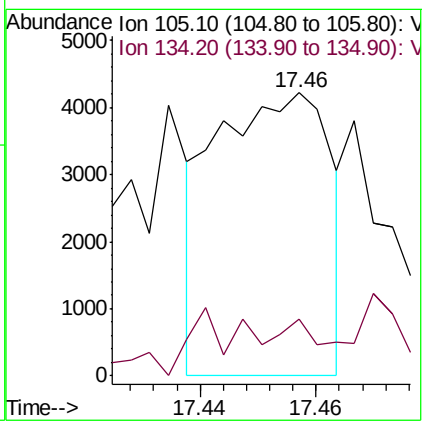


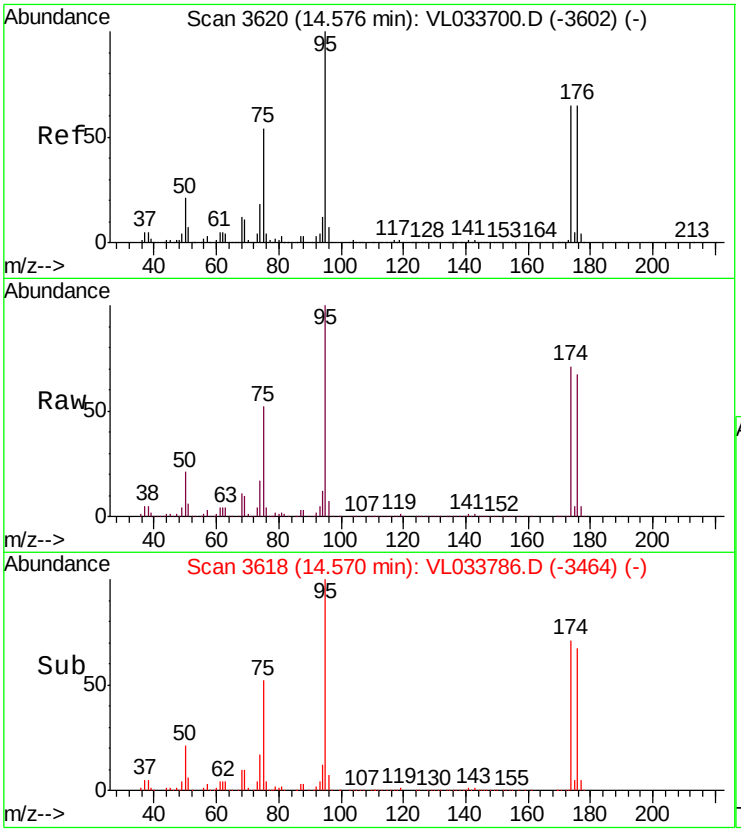


#67
sec-Butylbenzene
Concen: 0.012 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. 0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:105 Resp: 5776

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.6	22.0#



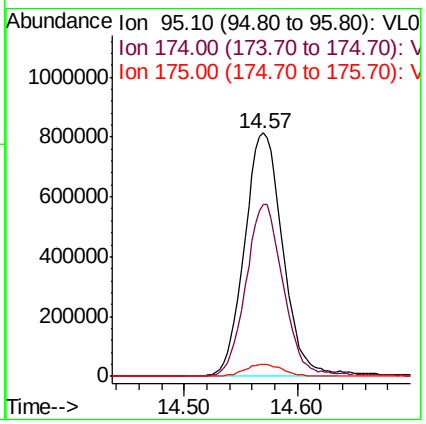


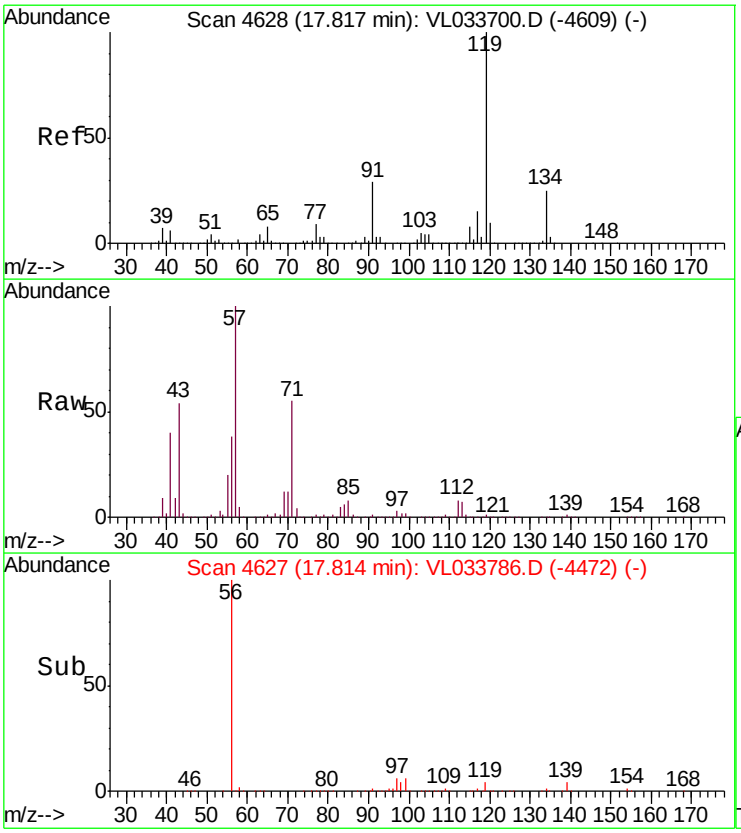
#68
1-Bromo-4-Fluorobenzene
Concen: 10.098 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion: 95 Resp: 1906464

Ion	Ratio	Lower	Upper
95	100		
174	70.4	53.9	80.9
175	5.0	3.8	5.8

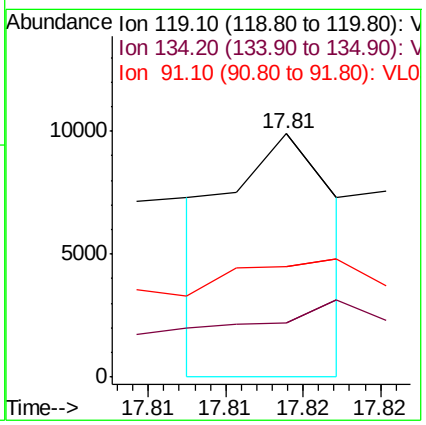


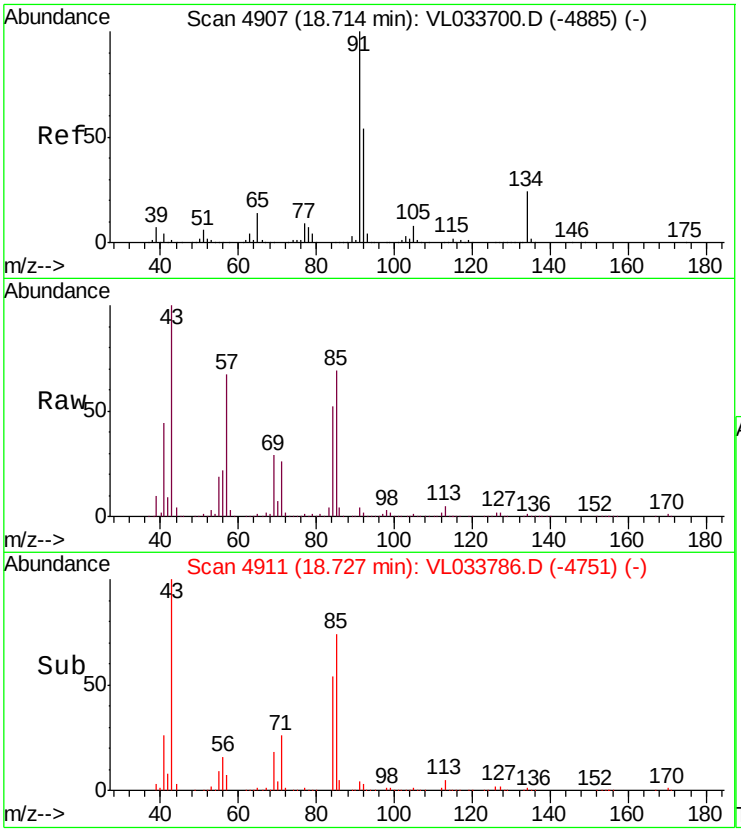


#69
p-Isopropyltoluene
Concen: 0.012 ppbv
RT: 17.81 min Scan# 4627
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:119 Resp: 4763

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	0.0	23.1	34.7#



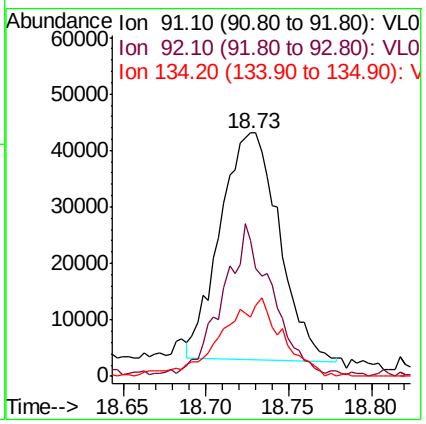


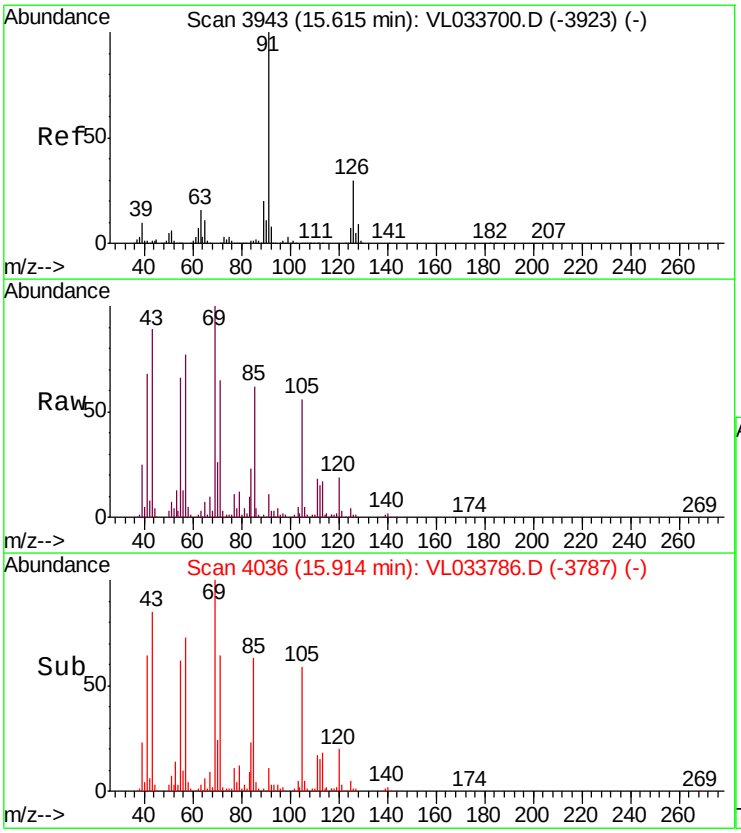
#70
n-Butylbenzene
Concen: 0.240 ppbv
RT: 18.73 min Scan# 4911
Delta R.T. 0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-25

Tgt Ion: 91 Resp: 99390

Ion	Ratio	Lower	Upper
91	100		
92	57.0	42.6	63.8
134	35.7	18.1	27.1#

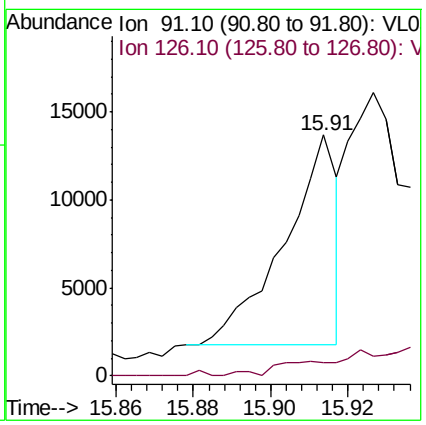


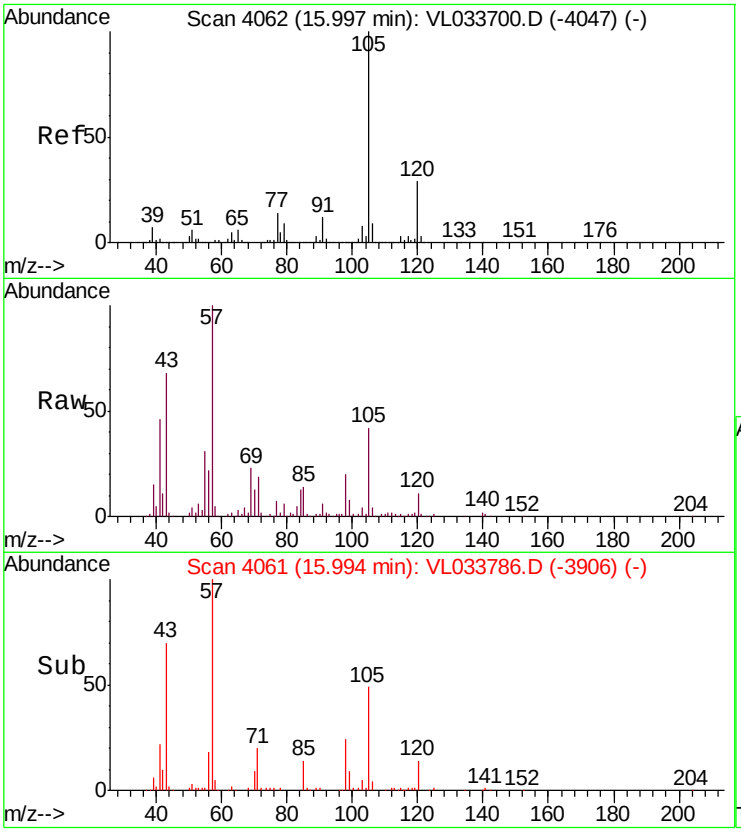


#71
2-Chlorotoluene
Concen: 0.042 ppbv
RT: 15.91 min Scan# 4036
Delta R.T. 0.30 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion: 91 Resp: 11315

Ion	Ratio	Lower	Upper
91	100		
126	14.7	12.0	47.8



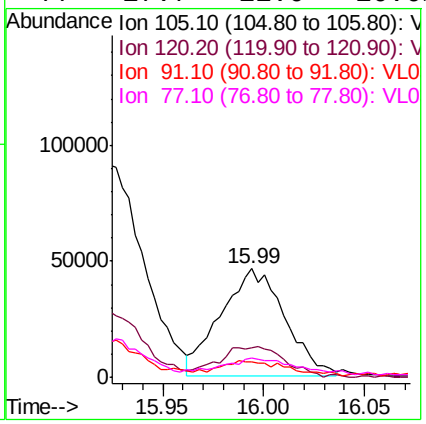


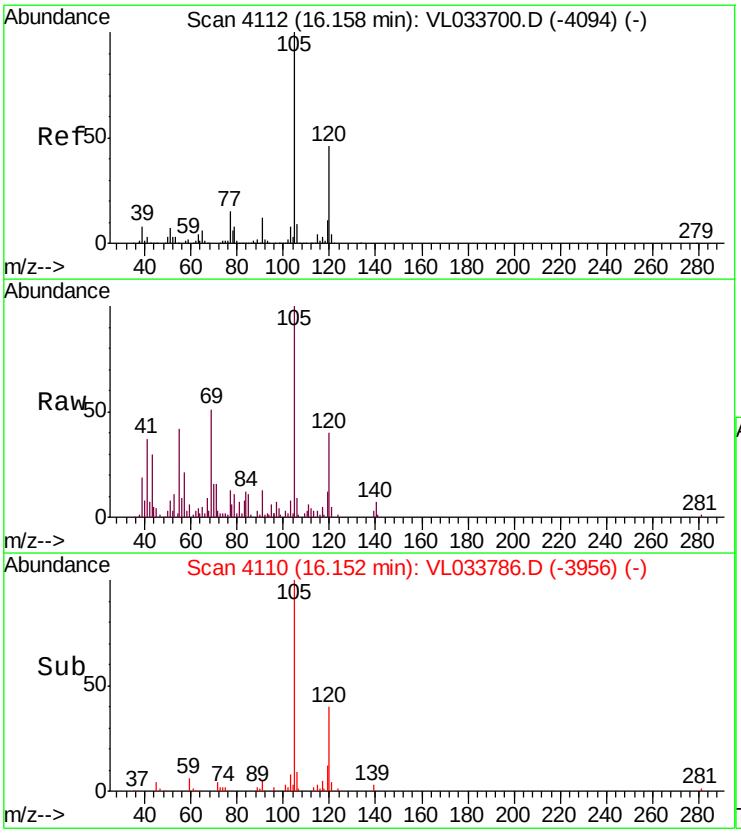
#72
4-Ethyltoluene
Concen: 0.328 ppbv
RT: 15.99 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:105 Resp: 101778

Ion	Ratio	Lower	Upper
105	100		
120	30.6	23.1	34.7
91	15.7	10.4	15.6#
77	17.7	11.0	16.6#

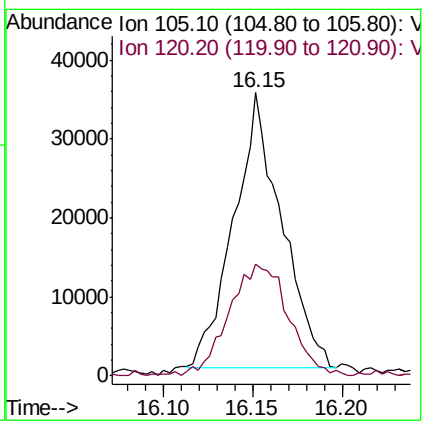


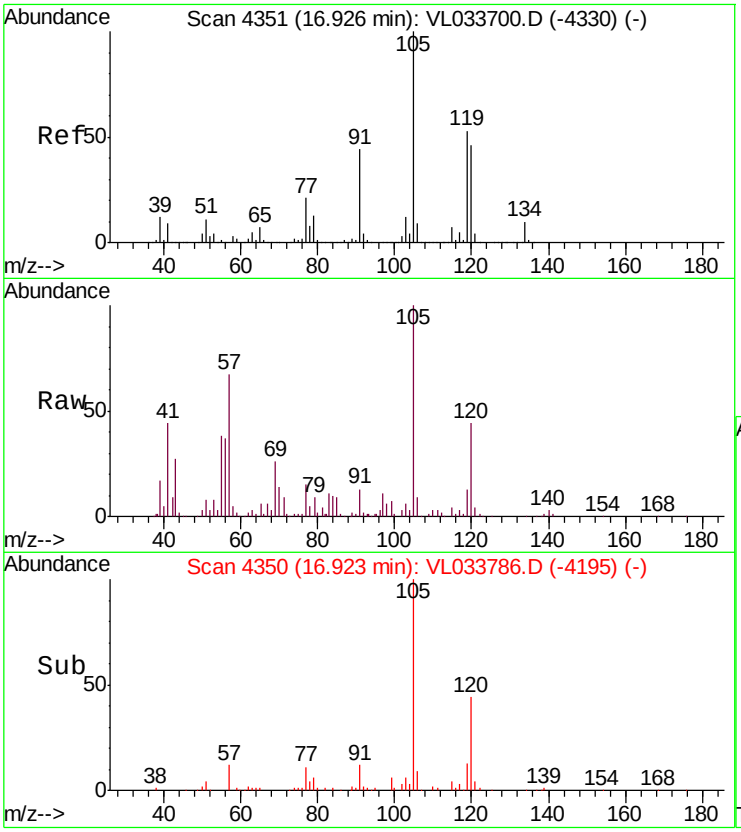


#73
1,3,5-Trimethylbenzene
Concen: 0.214 ppbv
RT: 16.15 min Scan# 4110
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:105 Resp: 64878

Ion	Ratio	Lower	Upper
105	100		
120	44.6	37.0	55.4



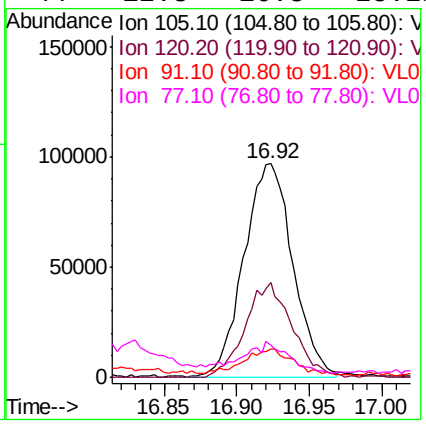


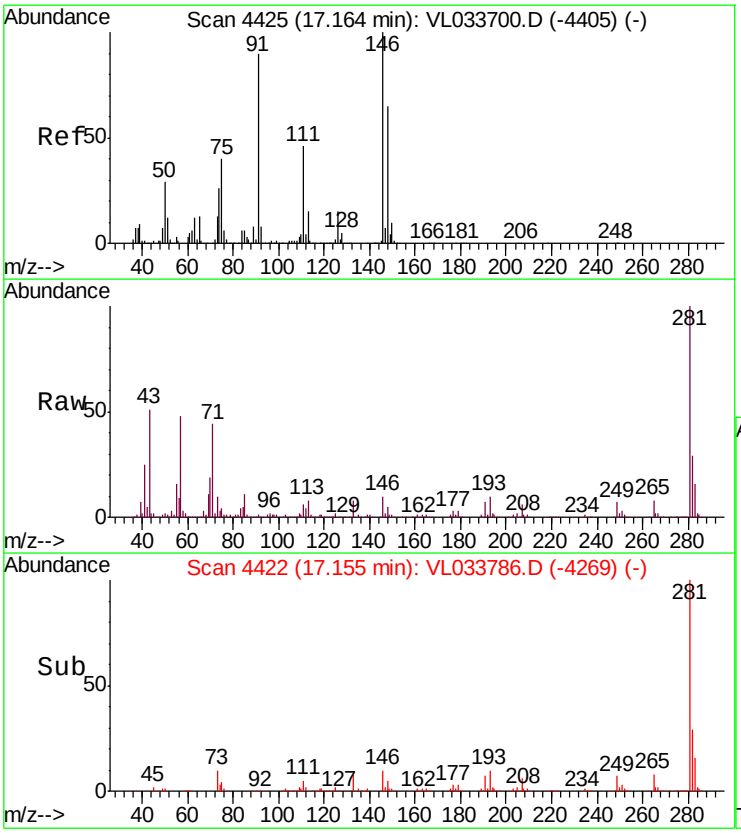
#74
1,2,4-Trimethylbenzene
Concen: 0.684 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:105 Resp: 225580

Ion	Ratio	Lower	Upper
105	100		
120	44.1	36.8	55.2
91	12.2	35.4	53.0#
77	12.3	16.8	25.2#

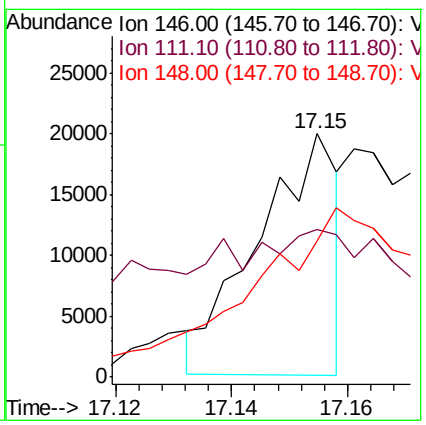


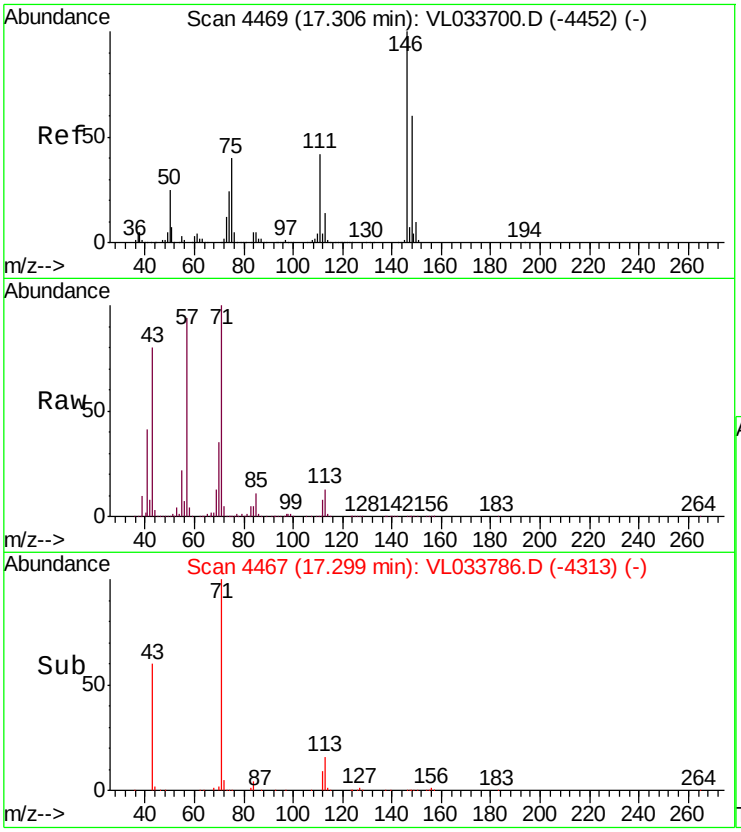


#75
1,3-Dichlorobenzene
Concen: 0.094 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:146 Resp: 18952

Ion	Ratio	Lower	Upper
146	100		
111	250.2	22.9	68.8#
148	0.0	32.0	96.2#



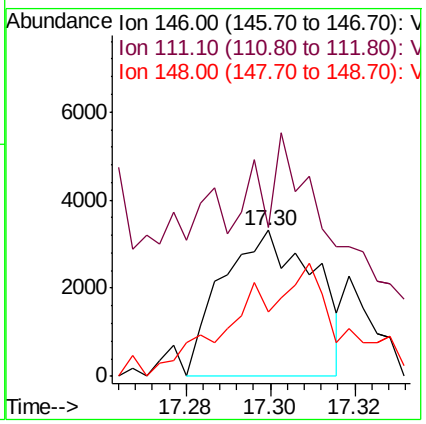


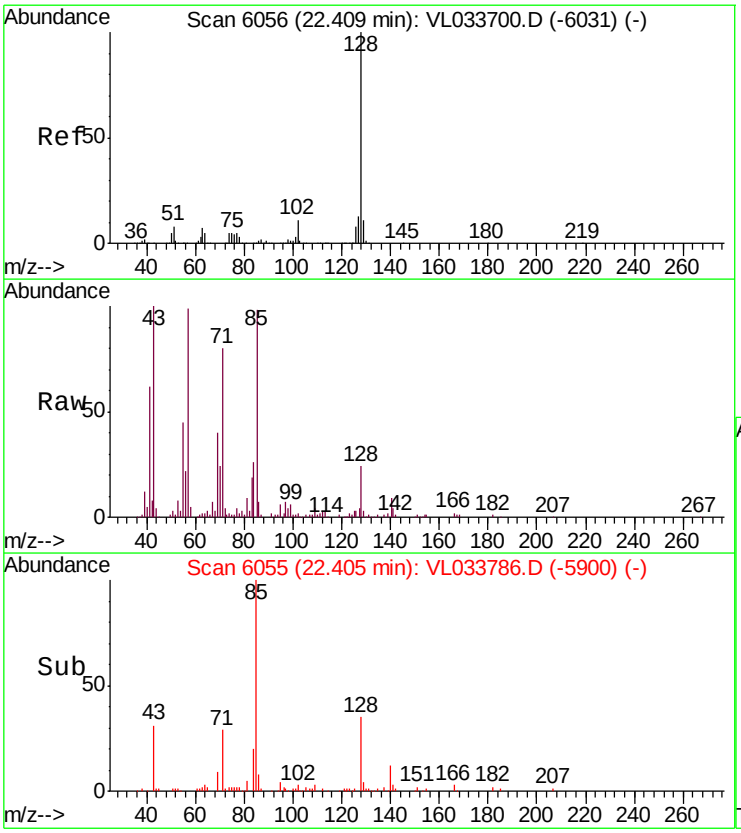
#76
1,4-Dichlorobenzene
Concen: 0.026 ppbv
RT: 17.30 min Scan# 4467
Delta R.T. -0.01 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:146 Resp: 5029

Ion	Ratio	Lower	Upper
146	100		
111	119.4	21.9	65.8#
148	0.0	32.1	96.3#

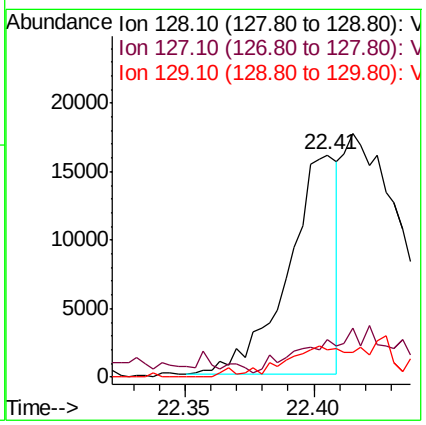


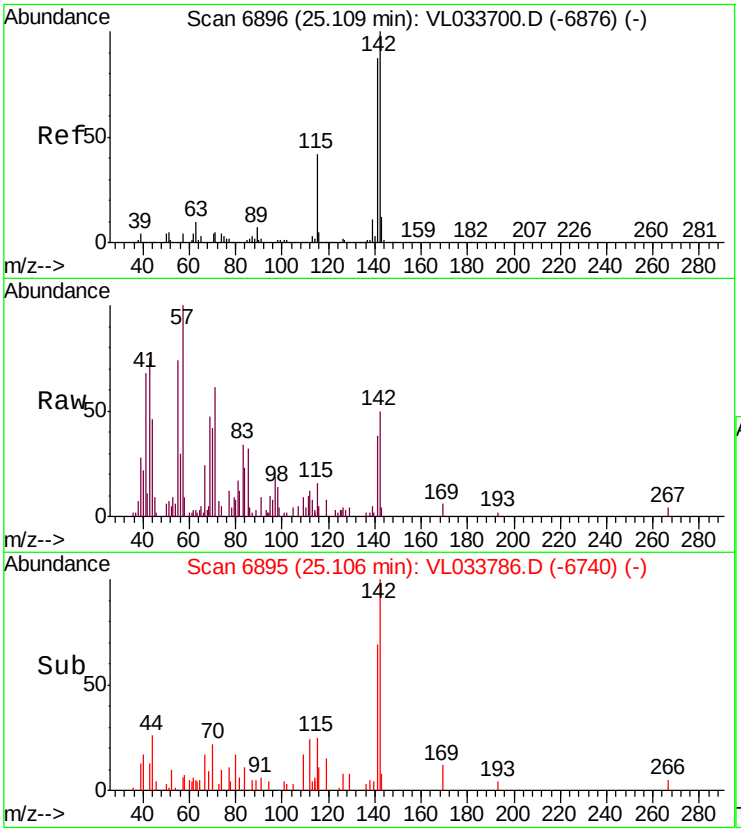


#79
Naphthalene
Concen: 0.070 ppbv
RT: 22.41 min Scan# 6055
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Tgt Ion:128 Resp: 21317

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	16.0
129	12.4	8.9	13.3





#80
Naphthalene,2-methyl-
Concen: 0.067 ppbv
RT: 25.11 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL033786.D
Acq: 23 May 2019 23:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-25

Tgt Ion:142 Resp: 7858

Ion	Ratio	Lower	Upper
142	100		
141	97.1	67.2	100.8
115	73.5	34.1	51.1#