Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033806.D
Acq On : 28 May 2019 15:44
Operator : SY/AP
Sample : K2929-12
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Quant Time: May 29 04:37:37 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	892413	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2346948	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2298783	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1823828	9.79	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	29875	0.159	ppbv		93
3) Chlorodifluoromethane	2.99	51	271088	2.652	ppbv	#	62
4) Chloromethane	3.17	50	6065	0.104	ppbv		96
8) Dichlorotetrafluoroethane	3.22	85	1921	0.013	ppbv	#	55
9) Propene	3.03	41	705501	16.226	ppbv		92
10) Heptane	8.24	43	131581	1.069	ppbv		95
11) Trichlorofluoromethane	4.00	101	49869	0.278	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	26396	0.211	ppbv		99
13) Ethanol	3.65	45	361561	25.728	ppbv		98
15) Acetone	3.89	43	9312590	75.212	ppbv	#	86
16) 1,3-Butadiene	3.34	39	727565	14.756	ppbv	#	22
17) tert-Butyl alcohol	4.36	59	307589	3.072	ppbv		99
19) Isopropyl Alcohol	4.02	45	97050	1.216	ppbv	#	94
20) Methylene Chloride	4.41	84	127279	2.670	ppbv		98
21) Allyl Chloride	4.46	41	5139	0.067	ppbv	#	77
23) Vinyl Acetate	5.14	43	147535	0.904	ppbv	#	76
25) Ethyl Acetate	5.77	43	250736	1.153	ppbv	#	84
26) Hexane	5.77	57	320260	3.425	ppbv	#	42
27) Carbon Disulfide	4.62	76	208168	1.623	ppbv		99
29) Chloroform	5.85	83	24865	0.144	ppbv		92
30) Cyclohexane	7.24	84	13496	0.172	ppbv	#	72
32) 1,1,1-Trichloroethane	6.62	97	9751	0.057	ppbv	#	46
34) 2-Butanone	5.32	43	1810469	12.445	ppbv		97
35) Carbon Tetrachloride	7.13	117	4403	0.023	ppbv	#	92
36) Benzene	7.00	78	136281	0.638	ppbv	#	94
38) Trichloroethene	7.96	130	2349	0.030	ppbv	#	61
39) 1,2-Dichloropropane	7.29	63	556584	6.993	ppbv	#	22
40) 1,4-Dioxane	7.97	88	1496	0.045	ppbv	#	1
41) Tetrahydrofuran	6.14	42	4993	0.061	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.98	57	51935	0.144	ppbv	#	66
50) 4-Methyl-2-Pentanone	8.87	43	82926	0.371	ppbv		99
51) 2-Hexanone	10.26	43	306276	1.754	ppbv	#	97
52) Tetrachloroethene	11.37	164	19013	0.253	ppbv		99
53) Toluene	9.94	91	1410565	6.126	ppbv		100
58) Ethyl Benzene	12.86	91	360553	1.184	ppbv		100
59) m/p-Xylene	13.11	91	1197228	4.499	ppbv		97
60) o-Xylene	13.84	91	419286	1.563	ppbv		98
61) Styrene	13.68	104	19352	0.107	ppbv	#	83
62) Isopropylbenzene	14.82	105	27459	0.076	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.82	83	3573	0.018	ppbv	#	25
64) n-propylbenzene	15.71	120	18309	0.196	ppbv	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033806.D
Acq On : 28 May 2019 15:44
Operator : SY/AP
Sample : K2929-12
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Quant Time: May 29 04:37:37 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)
65) tert-Butylbenzene	16.91	119	18121	0.055	ppbv	#	20
69) p-Isopropyltoluene	17.80	119	11503	0.030	ppbv	#	49
70) n-Butylbenzene	18.73	91	90614	0.221	ppbv	#	81
72) 4-Ethyltoluene	15.99	105	177571	0.579	ppbv		98
73) 1,3,5-Trimethylbenzene	16.15	105	62971	0.210	ppbv		97
74) 1,2,4-Trimethylbenzene	16.92	105	462691	1.421	ppbv	#	75
75) 1,3-Dichlorobenzene	17.15	146	28812	0.144	ppbv	#	1
76) 1,4-Dichlorobenzene	17.30	146	3435	0.018	ppbv	#	1
79) Naphthalene	22.41	128	34797	0.115	ppbv		98
80) Naphthalene,2-methyl-	25.11	142	2789	0.024	ppbv	#	72

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

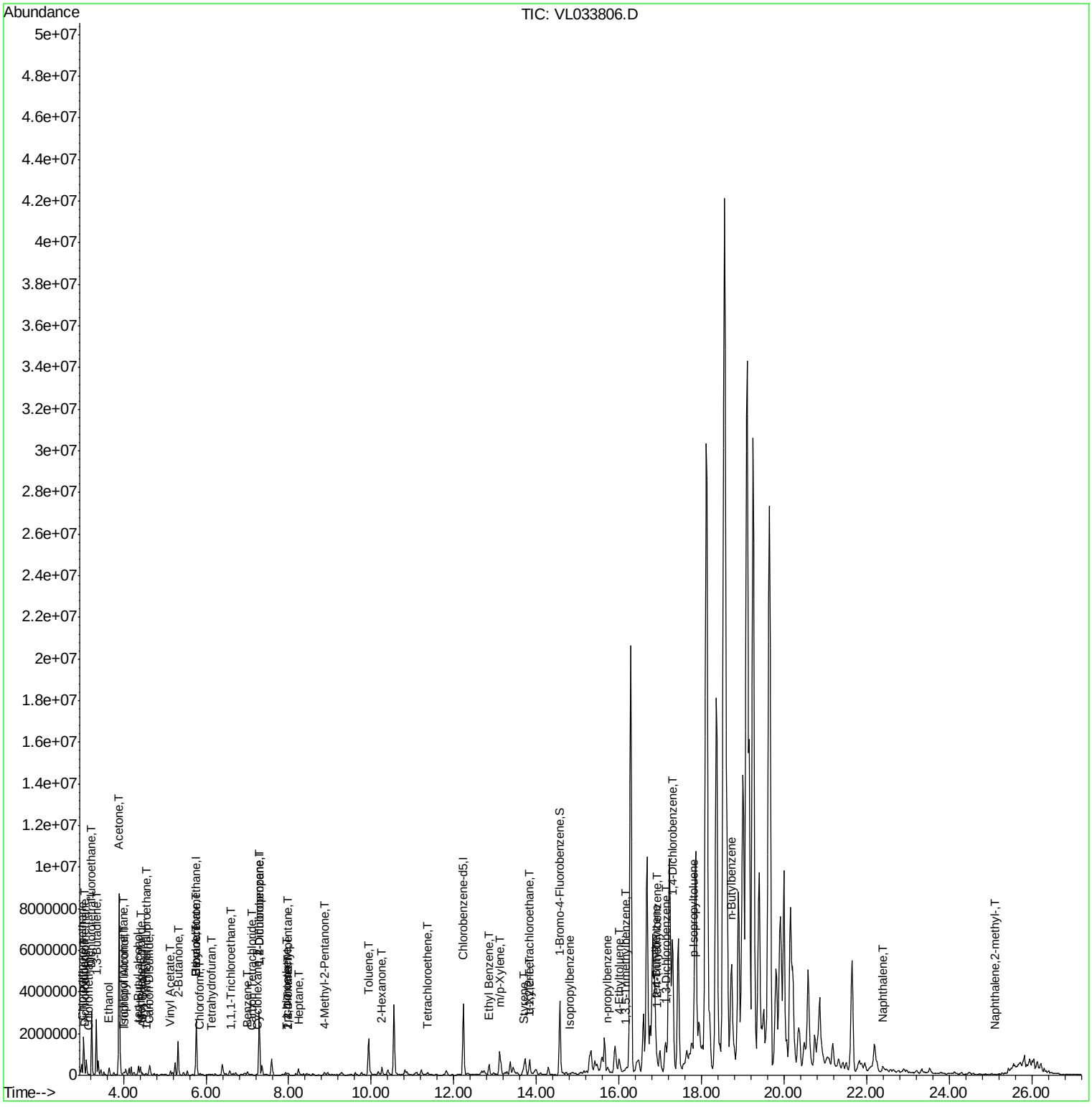
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

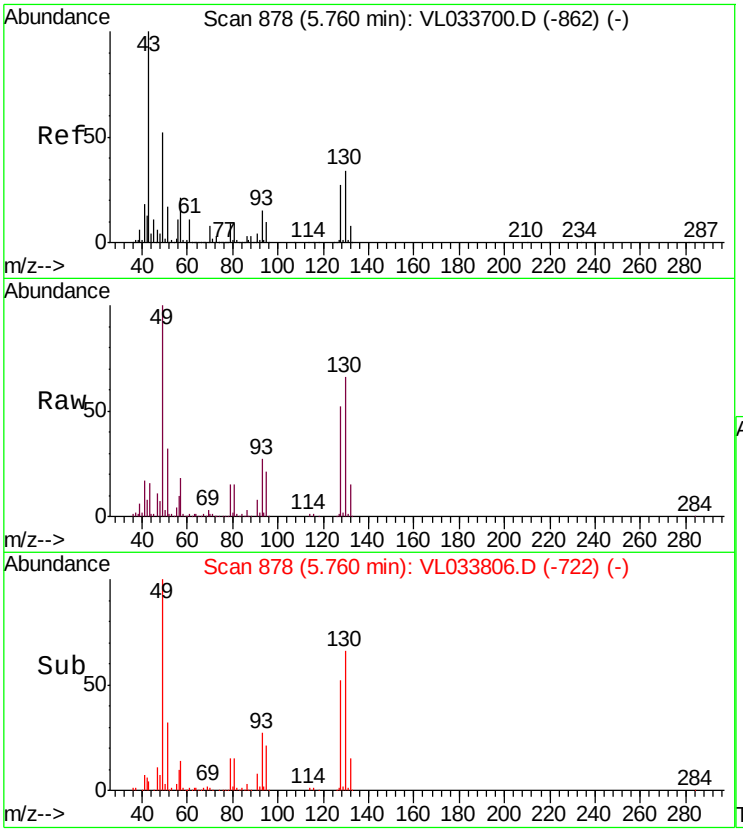
Quantitation Report (Not Reviewed)

Data File : VL033806.D
Acq On : 28 May 2019 15:44
Operator : SY/AP
Sample : K2929-12
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Quant Time: May 29 04:37:37 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



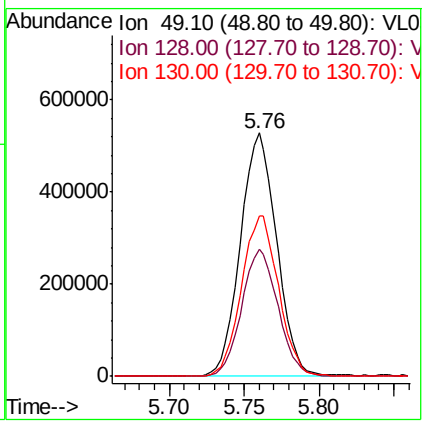


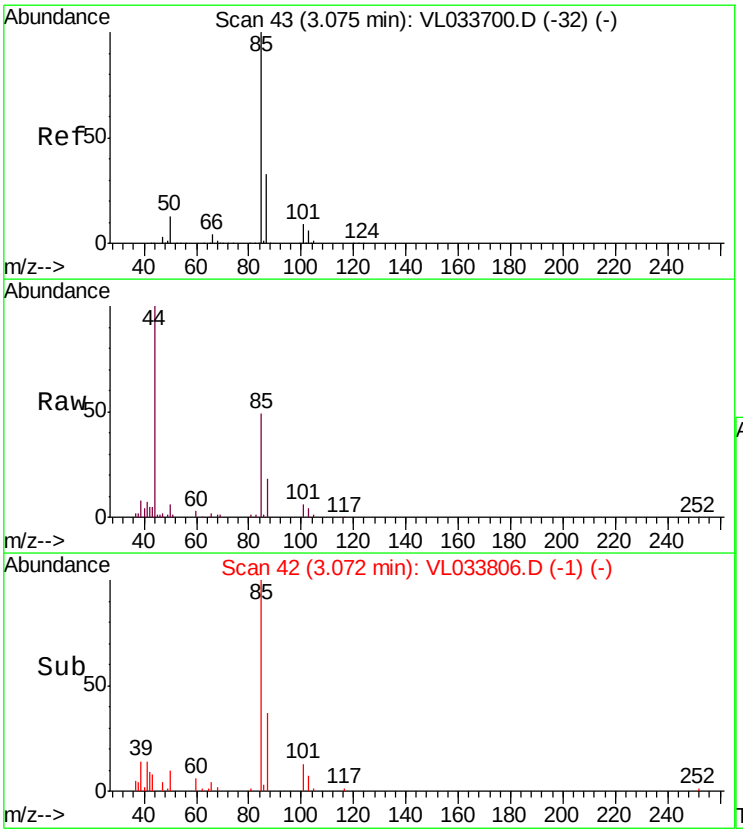
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 49 Resp: 892413

Ion	Ratio	Lower	Upper
49	100		
128	52.2	25.2	75.6
130	67.8	32.5	97.5

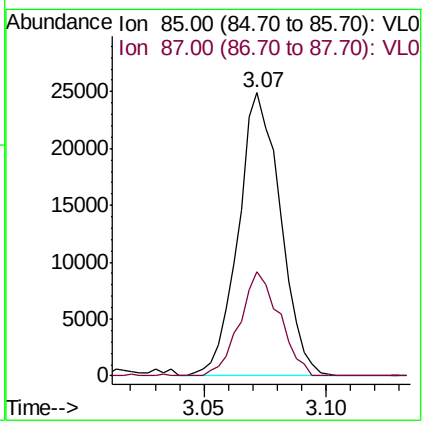


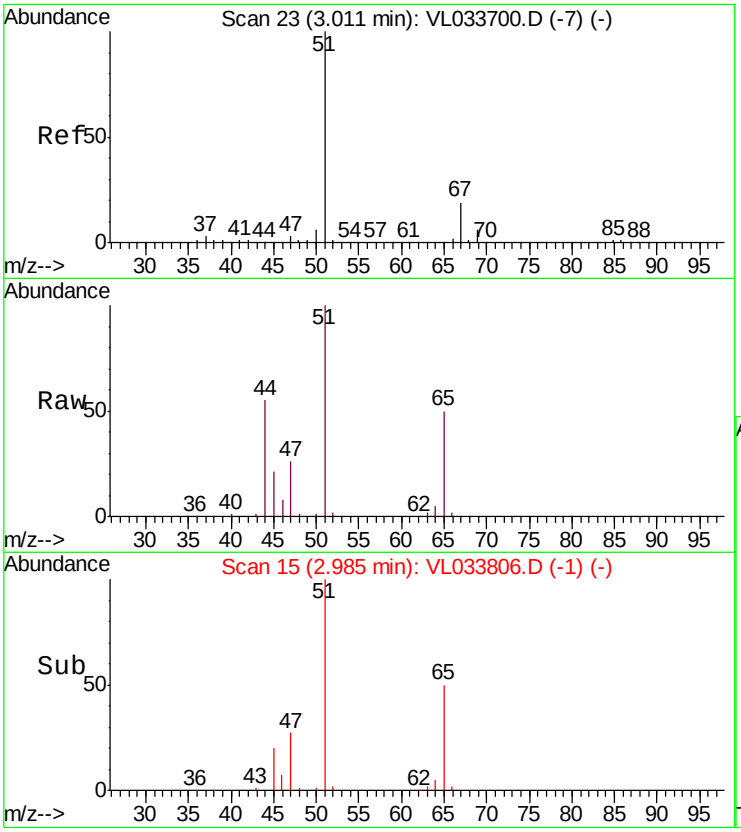


#2
Dichlorodifluoromethane
Concen: 0.159 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 85 Resp: 29875

Ion	Ratio	Lower	Upper
85	100		
87	37.0	26.3	39.5



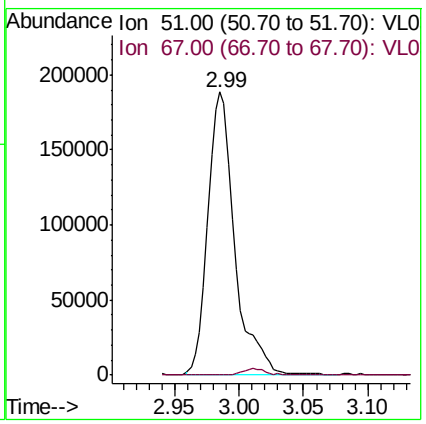


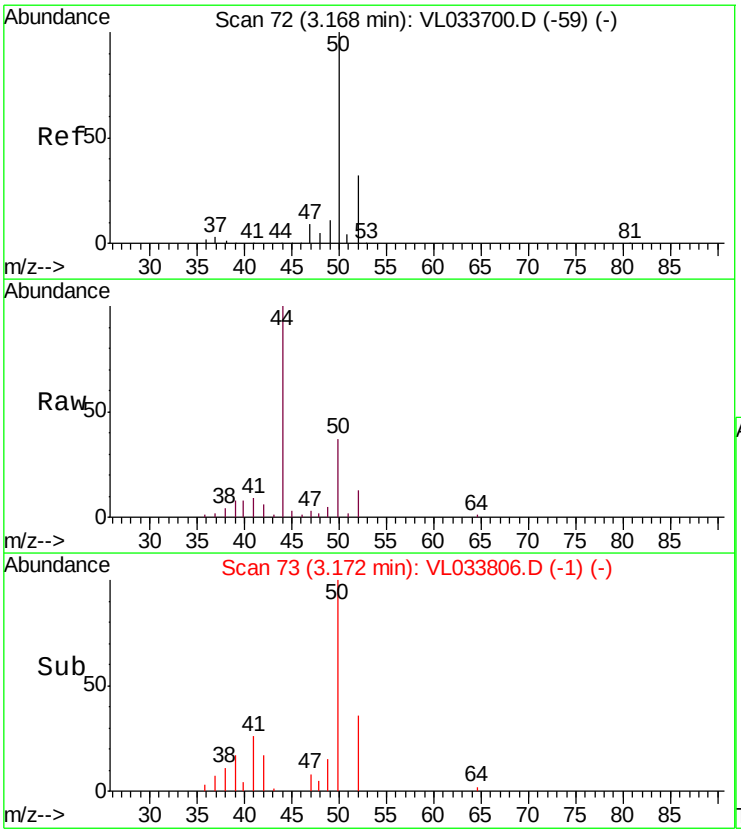
#3
Chlorodifluoromethane
Concen: 2.652 ppbv
RT: 2.99 min Scan# 15
Delta R.T. -0.03 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 51 Resp: 271088

Ion	Ratio	Lower	Upper
51	100		
67	2.0	15.6	23.4#

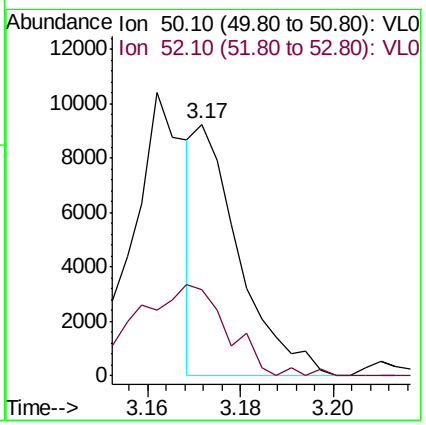


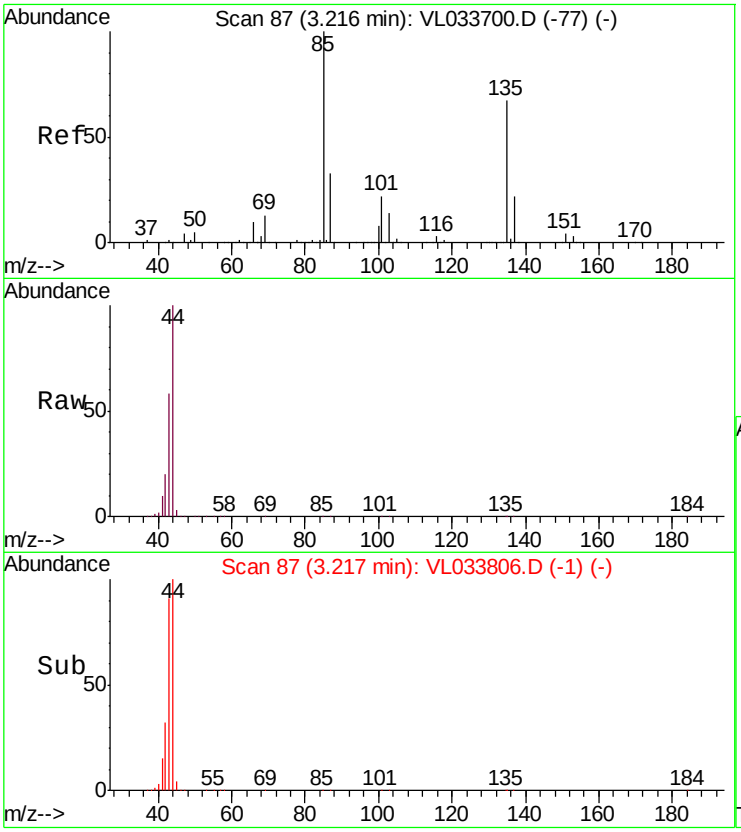


#4
Chloromethane
Concen: 0.104 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 50 Resp: 6065

Ion	Ratio	Lower	Upper
50	100		
52	34.4	25.7	38.5



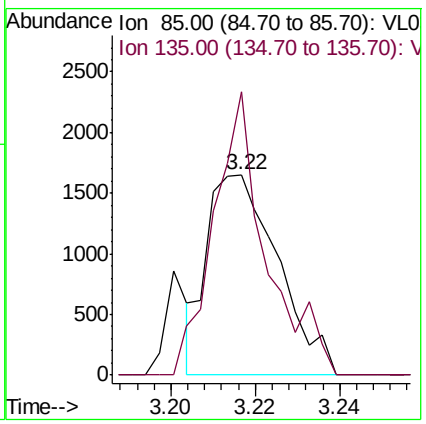


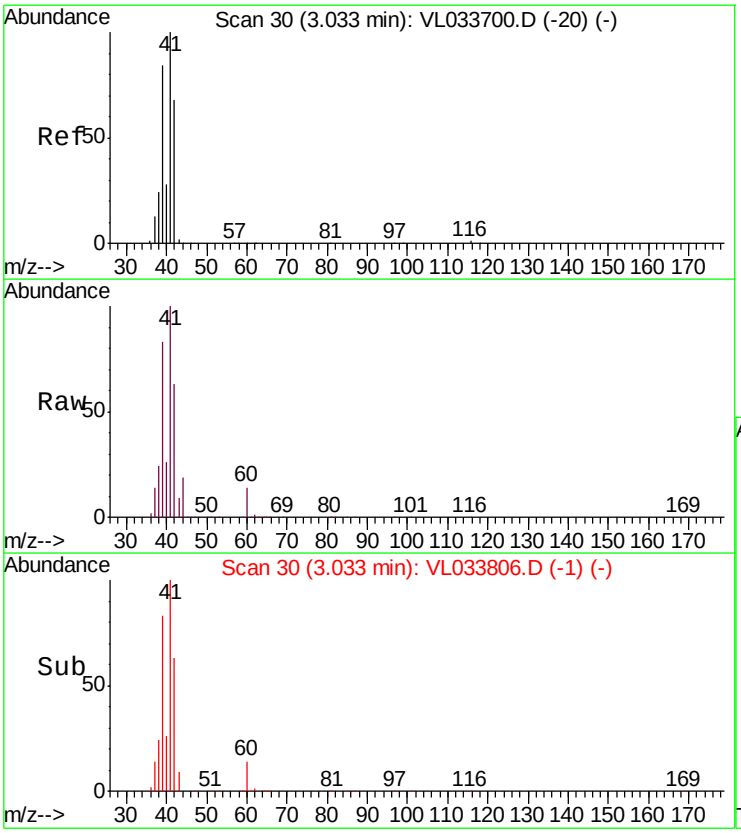
#8
Dichlorotetrafluoroethane
Concen: 0.013 ppbv
RT: 3.22 min Scan# 87
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 85 Resp: 1921

Ion	Ratio	Lower	Upper
85	100		
135	104.7	54.5	81.7#

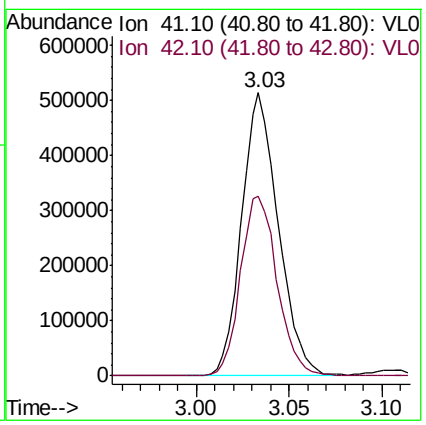


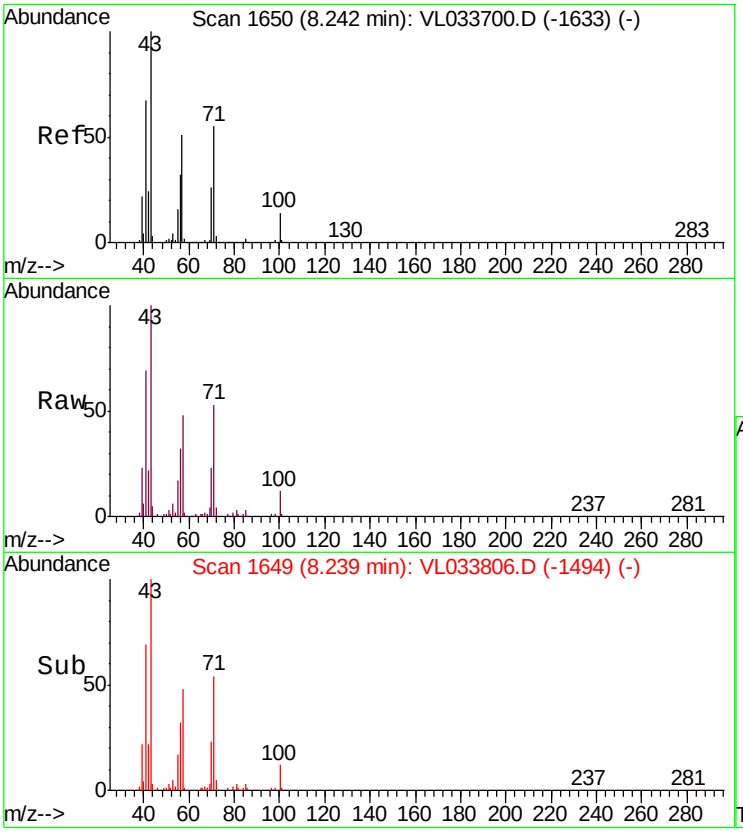


#9
Propene
Concen: 16.226 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 41 Resp: 705501

Ion	Ratio	Lower	Upper
41	100		
42	63.7	56.1	84.1



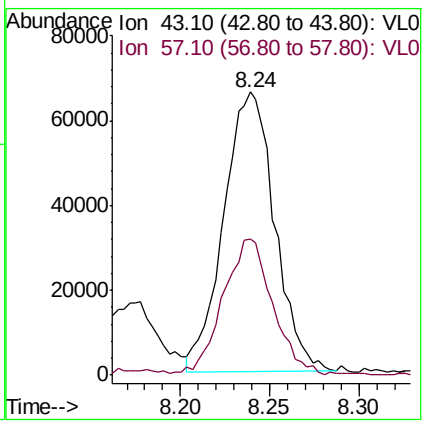


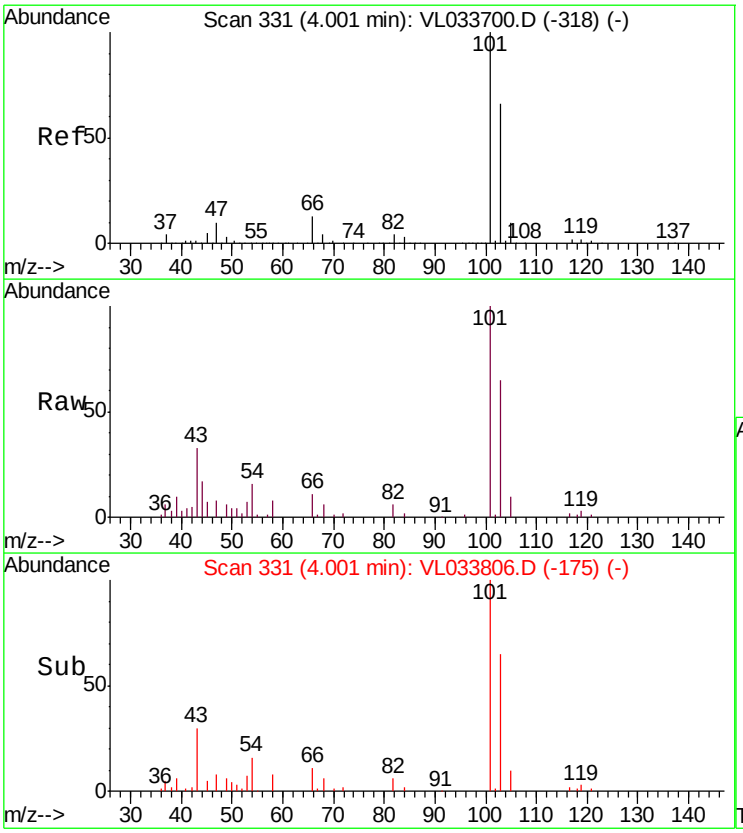
#10
Heptane
Concen: 1.069 ppbv
RT: 8.24 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 43 Resp: 131581

Ion	Ratio	Lower	Upper
43	100		
57	48.1	41.4	62.0

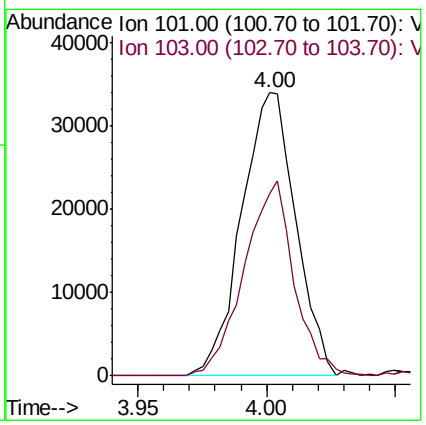


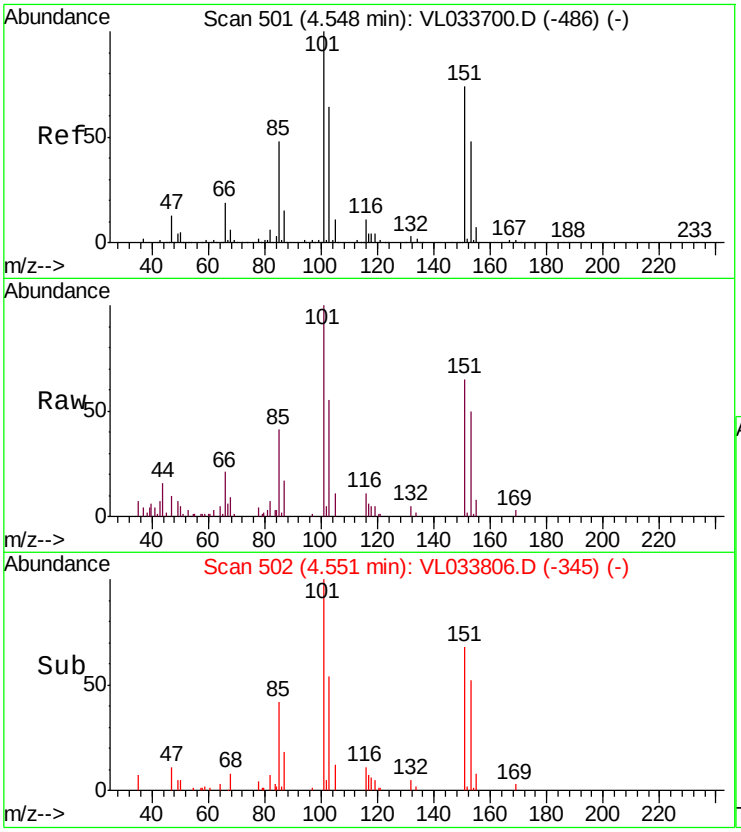


#11
Trichlorofluoromethane
Concen: 0.278 ppbv
RT: 4.00 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:101 Resp: 49869

Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.6	78.8



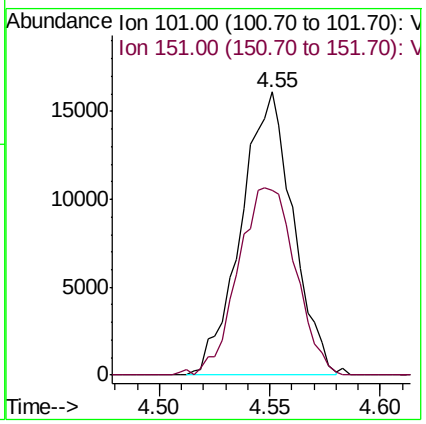


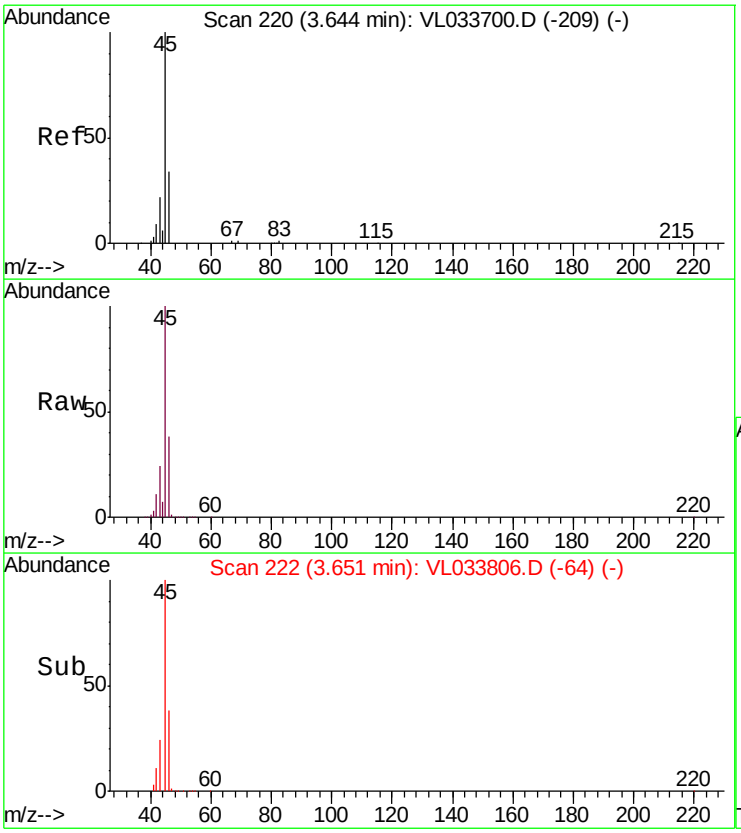
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.211 ppbv
RT: 4.55 min Scan# 502
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion:101 Resp: 26396

Ion	Ratio	Lower	Upper
101	100		
151	73.4	58.2	87.4

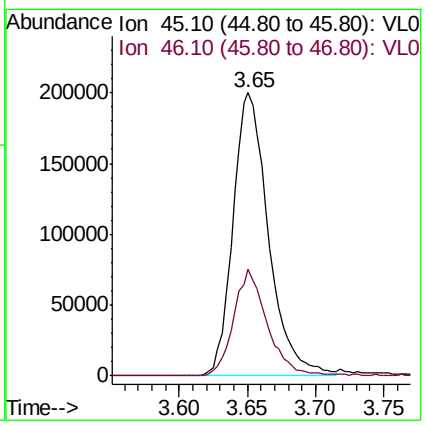


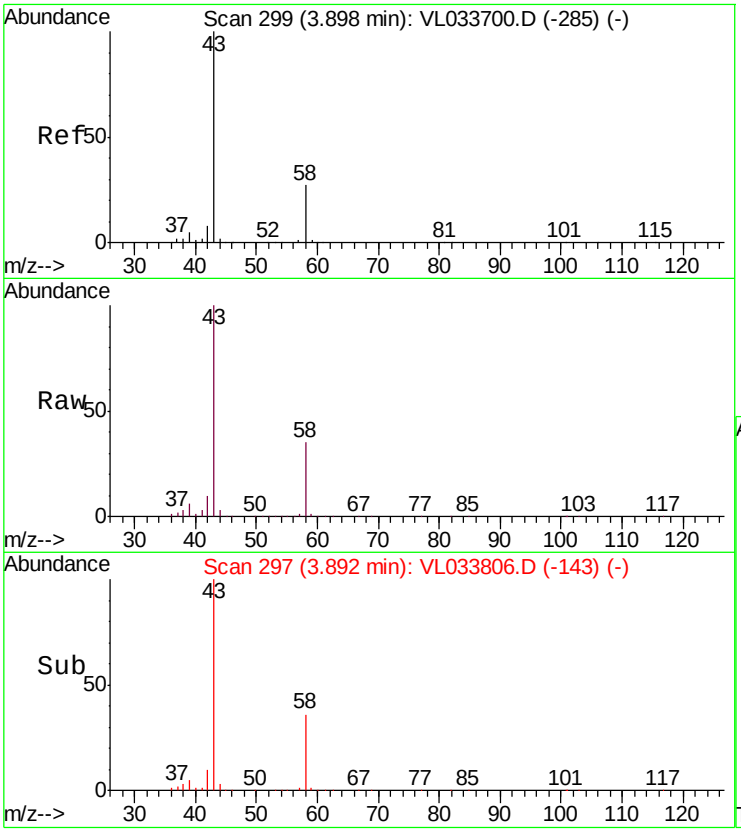


#13
Ethanol
Concen: 25.728 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 45 Resp: 361561

Ion	Ratio	Lower	Upper
45	100		
46	35.9	14.8	59.0



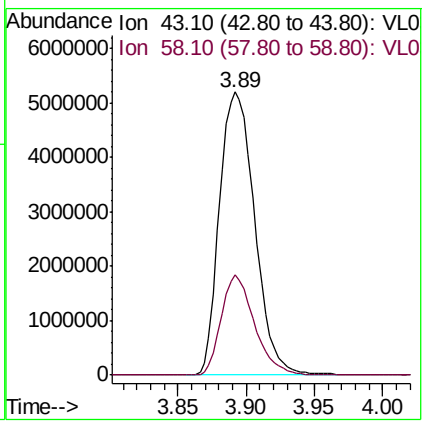


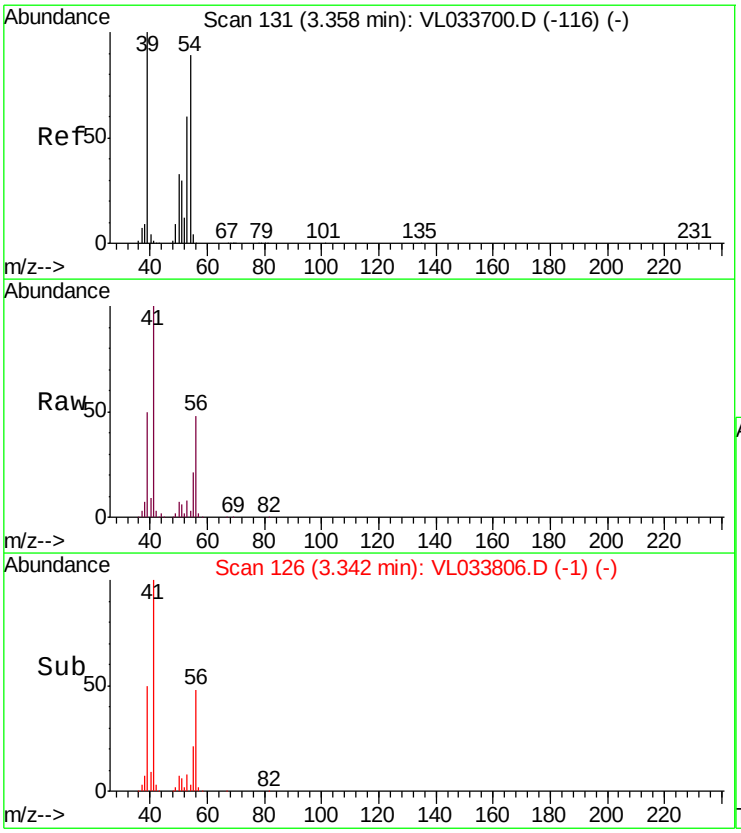
#15
Acetone
Concen: 75.212 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 43 Resp: 9312590

Ion	Ratio	Lower	Upper
43	100		
58	33.8	21.3	31.9#

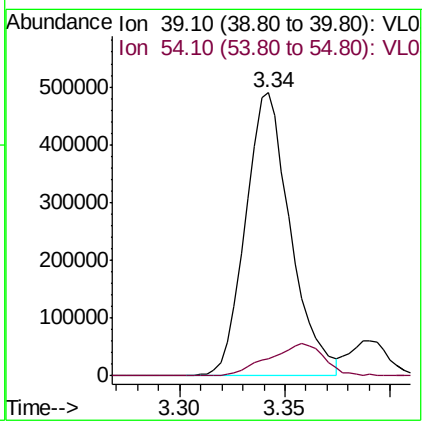


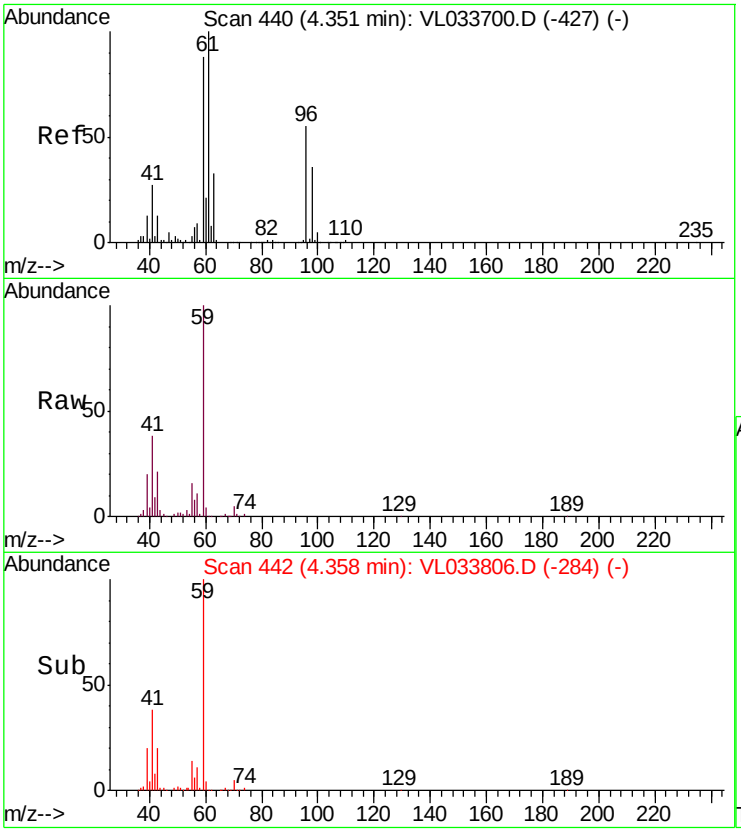


#16
1,3-Butadiene
Concen: 14.756 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 39 Resp: 727565

Ion	Ratio	Lower	Upper
39	100		
54	14.2	69.0	103.6#



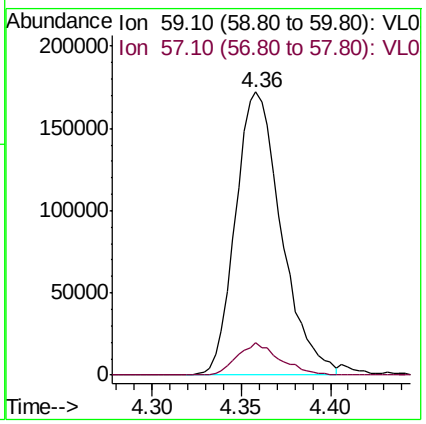


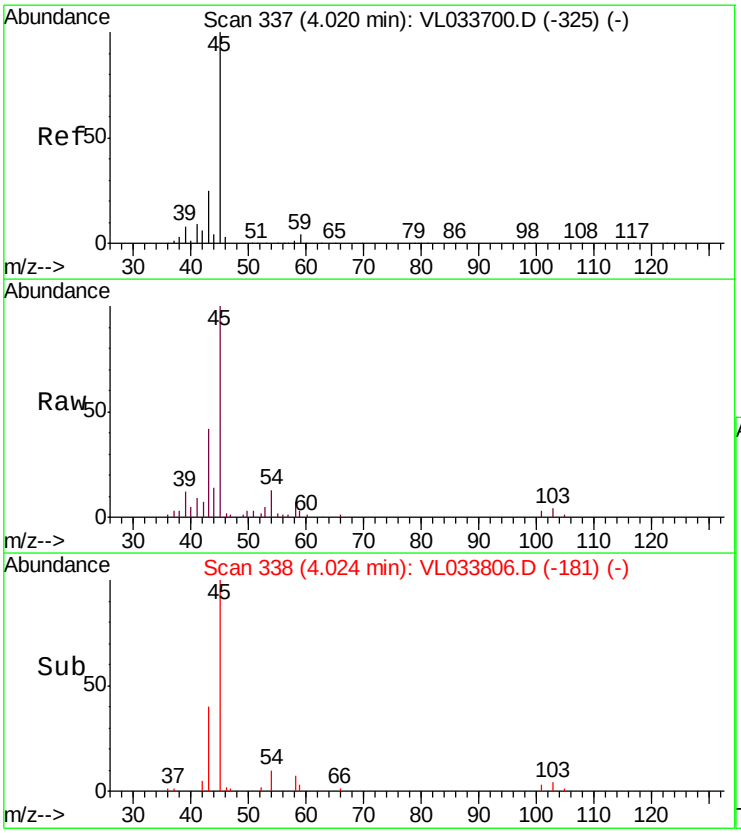
#17
tert-Butyl alcohol
Concen: 3.072 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 59 Resp: 307589

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

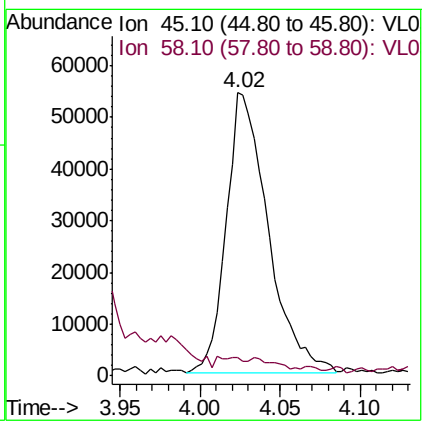


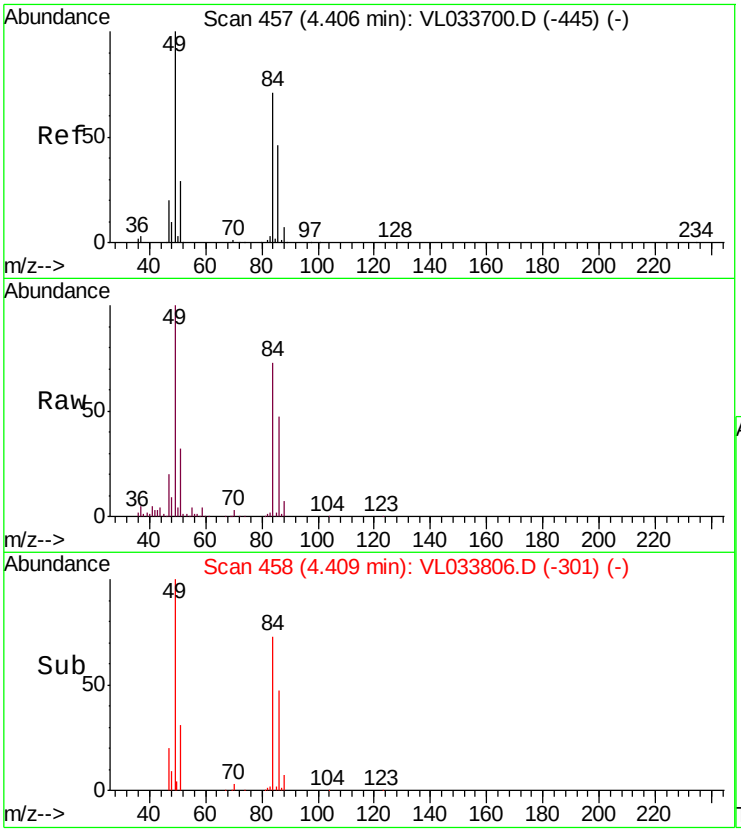


#19
Isopropyl Alcohol
Concen: 1.216 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 45 Resp: 97050

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



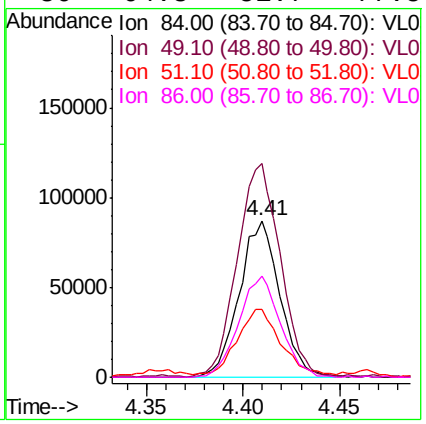


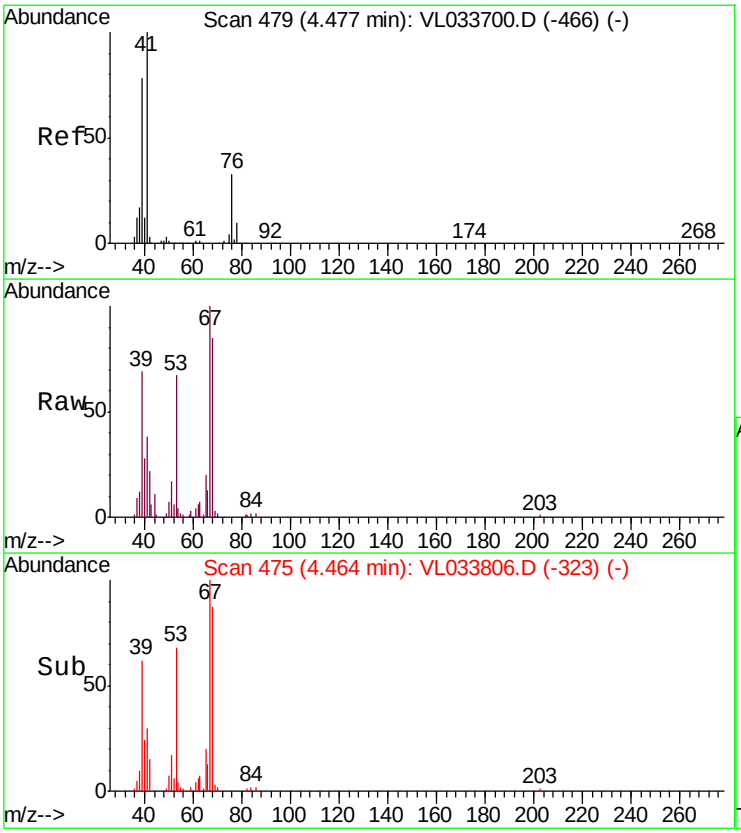
#20
Methylene Chloride
Concen: 2.670 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion: 84 Resp: 127279

Ion	Ratio	Lower	Upper
84	100		
49	136.1	112.8	169.2
51	41.3	33.4	50.0
86	64.8	51.7	77.5

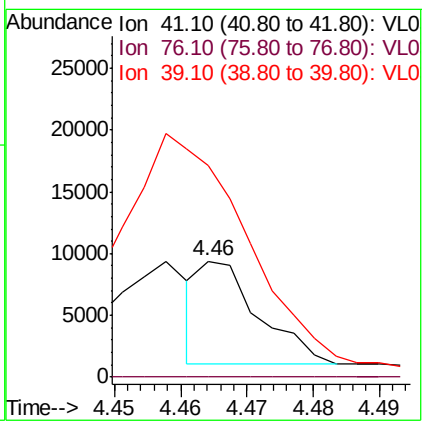


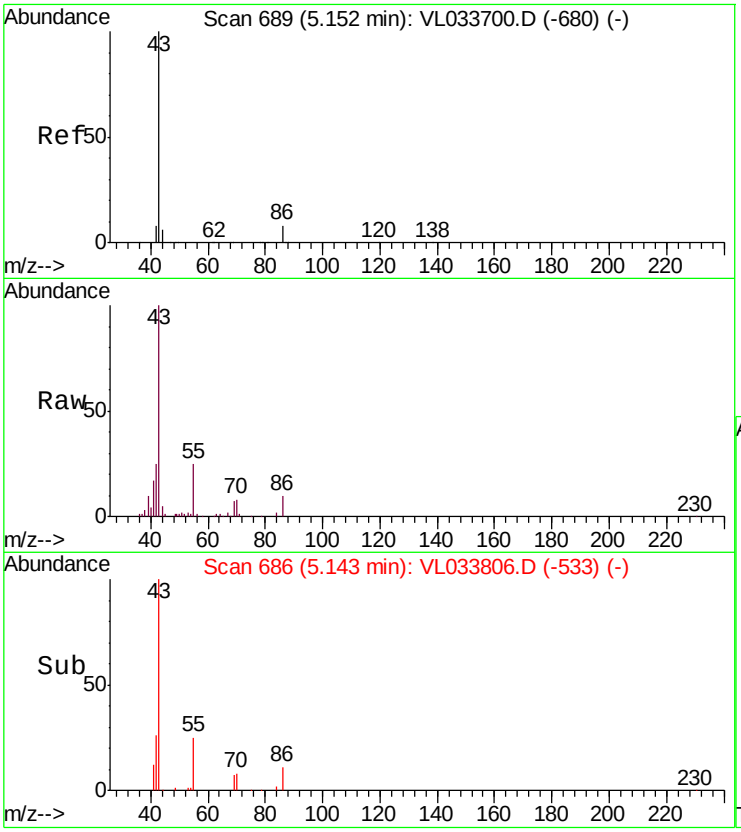


#21
Allyl Chloride
Concen: 0.067 ppbv
RT: 4.46 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 41 Resp: 5139

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	72.4	64.6	97.0



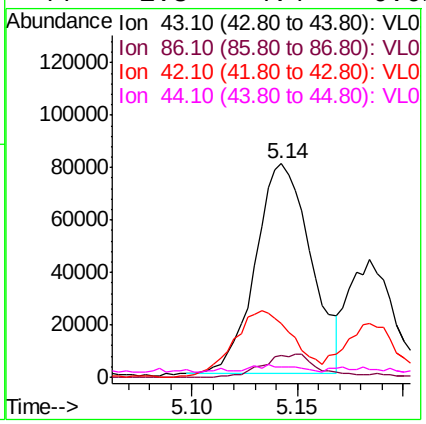


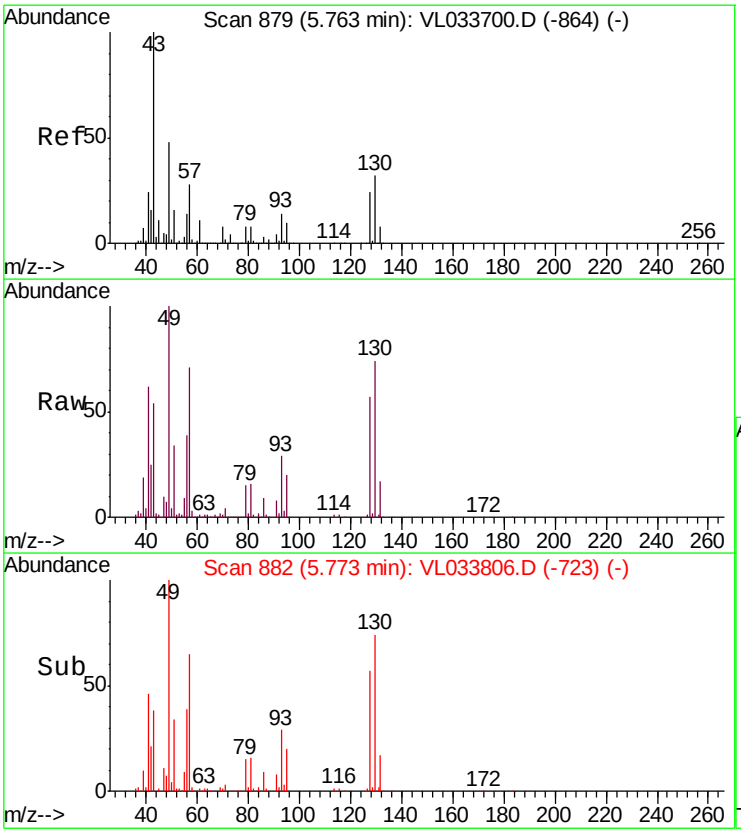
#23
Vinyl Acetate
Concen: 0.904 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion: 43 Resp: 147535

Ion	Ratio	Lower	Upper
43	100		
86	10.6	6.0	9.0#
42	25.2	7.5	11.3#
44	1.3	4.4	6.6#

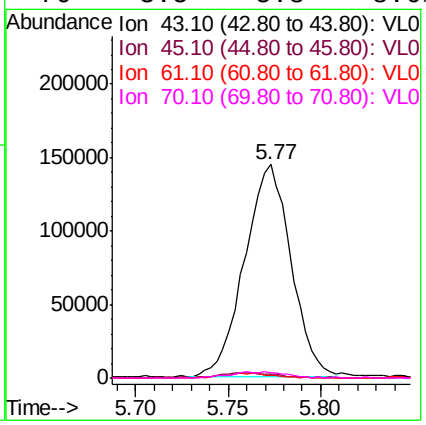


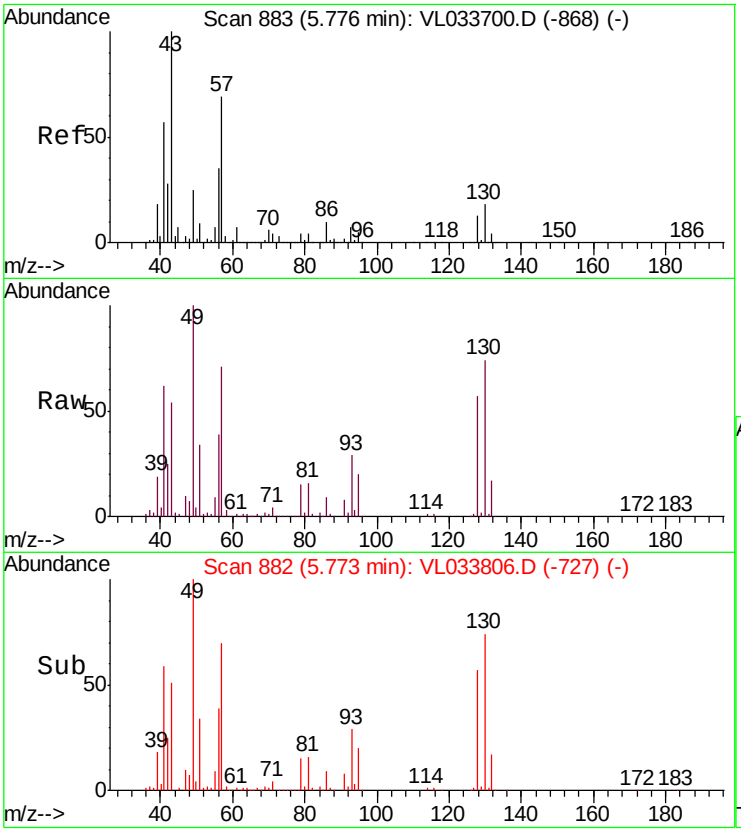


#25
Ethyl Acetate
Concen: 1.153 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 43 Resp: 250736

Ion	Ratio	Lower	Upper
43	100		
45	3.4	7.9	11.9#
61	2.5	7.7	11.5#
70	3.5	5.8	8.6#



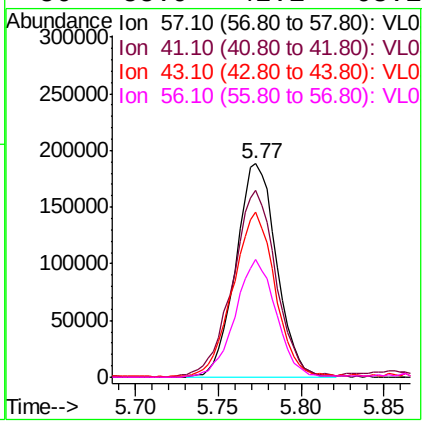


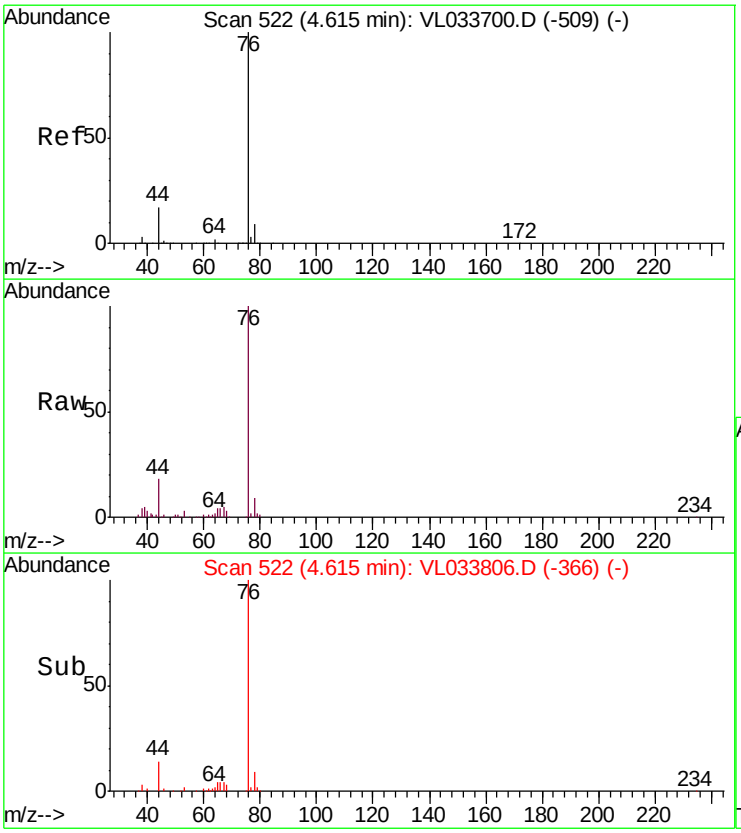
#26
Hexane
Concen: 3.425 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 57 Resp: 320260

Ion	Ratio	Lower	Upper
57	100		
41	93.8	69.8	104.6
43	80.2	181.8	272.6#
56	55.9	42.1	63.1

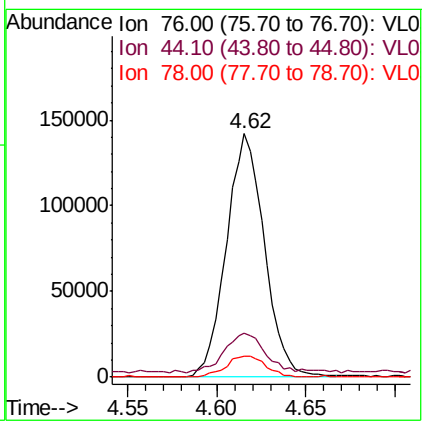


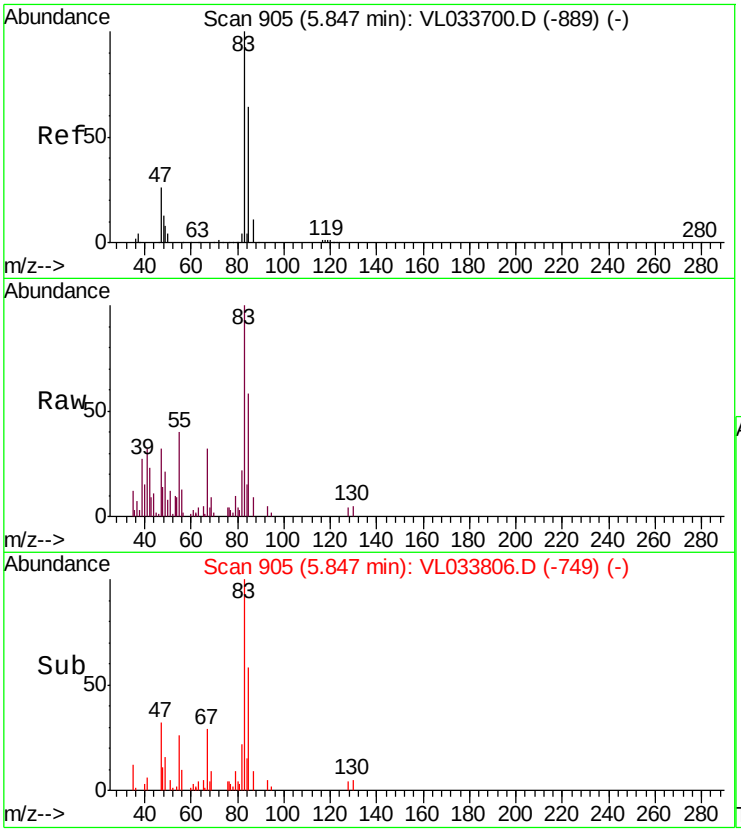


#27
Carbon Disulfide
Concen: 1.623 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 76 Resp: 208168

Ion	Ratio	Lower	Upper
76	100		
44	17.8	13.8	20.8
78	9.4	7.4	11.0



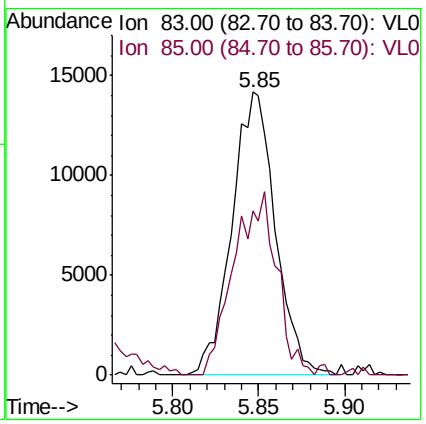


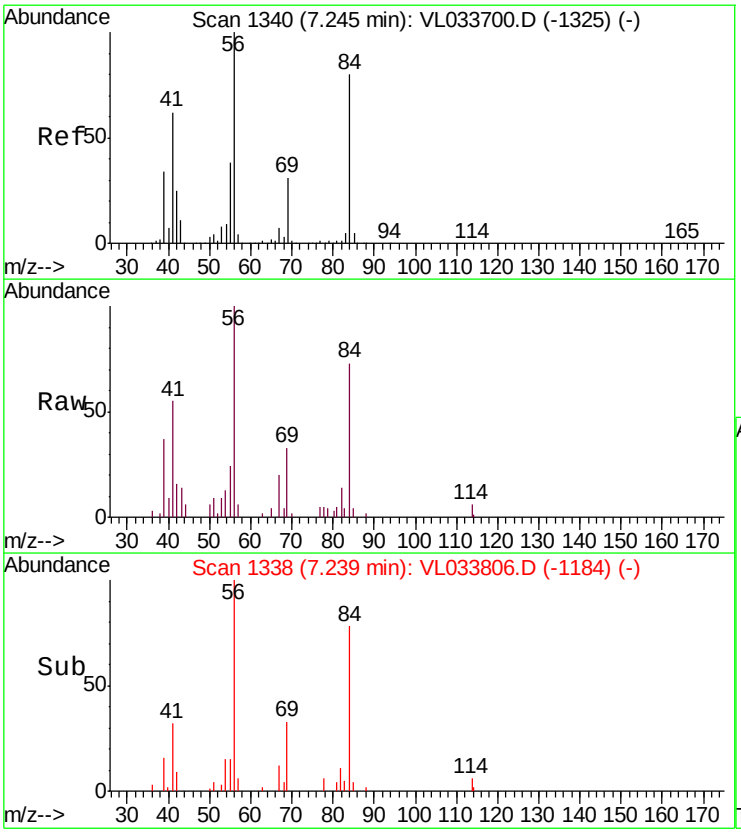
#29
Chloroform
Concen: 0.144 ppbv
RT: 5.85 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 83 Resp: 24865

Ion	Ratio	Lower	Upper
83	100		
85	58.2	51.5	77.3

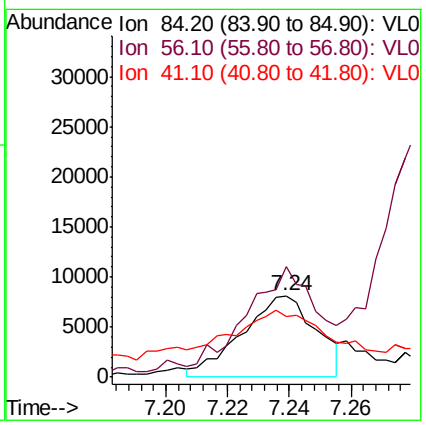


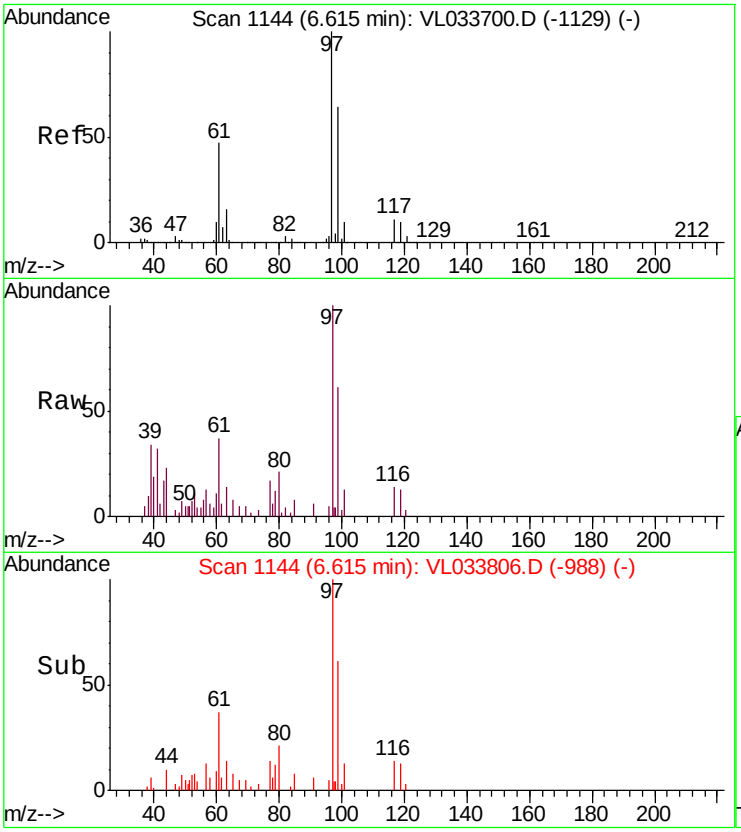


#30
Cyclohexane
Concen: 0.172 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 84 Resp: 13496

Ion	Ratio	Lower	Upper
84	100		
56	150.4	107.7	161.5
41	130.2	66.0	99.0#



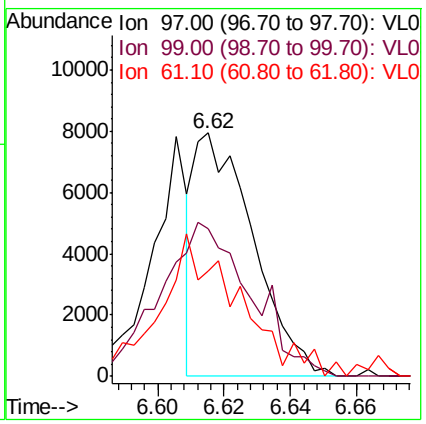


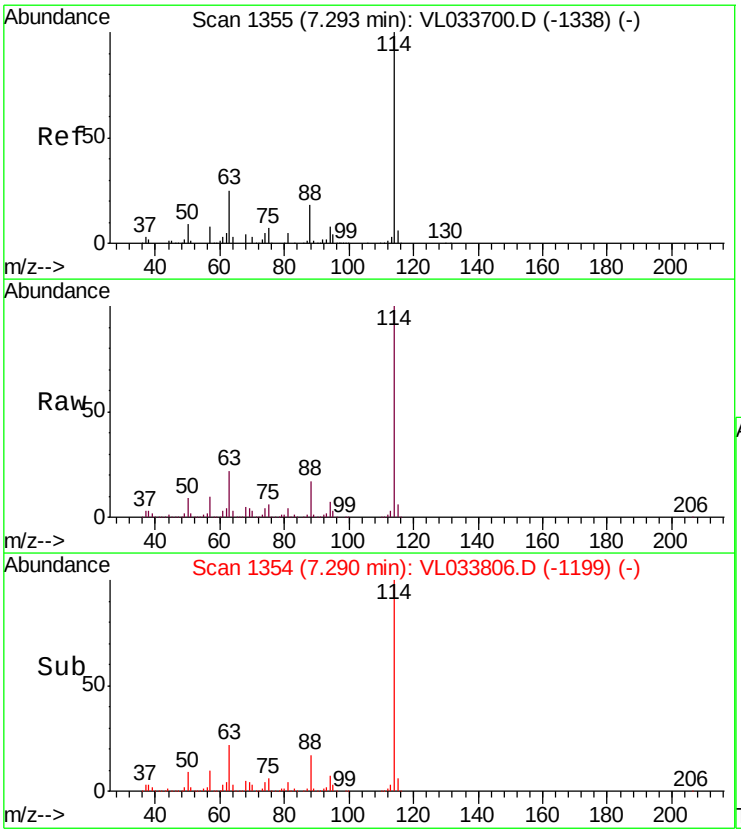
#32
1,1,1-Trichloroethane
Concen: 0.057 ppbv
RT: 6.62 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion: 97 Resp: 9751

Ion	Ratio	Lower	Upper
97	100		
99	98.4	51.5	77.3#
61	93.5	37.8	56.8#

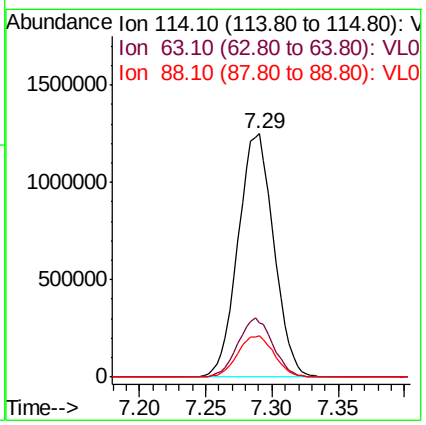


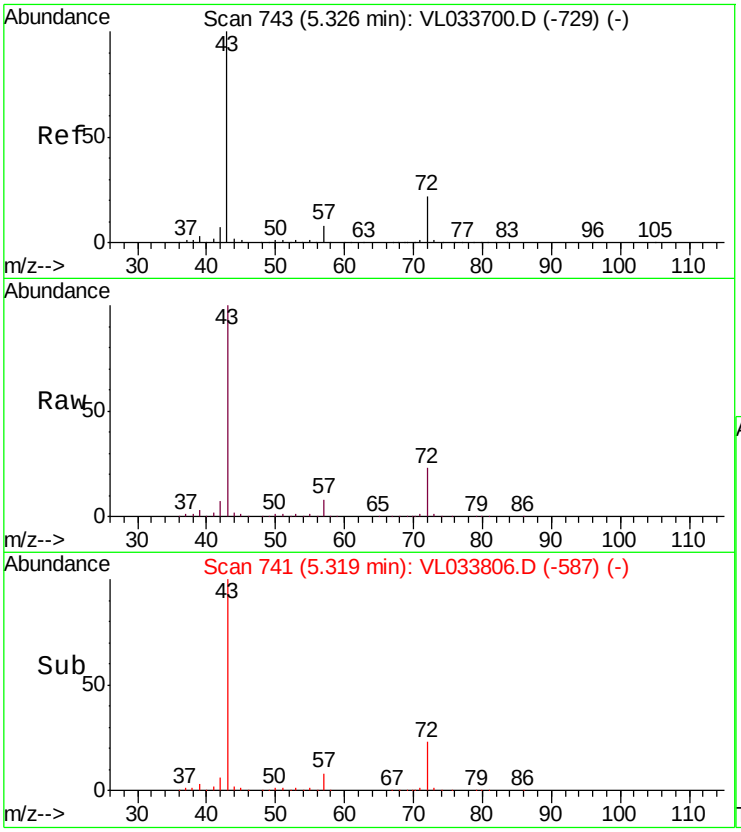


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:114 Resp: 2346948

Ion	Ratio	Lower	Upper
114	100		
63	23.9	20.9	31.3
88	17.3	14.3	21.5



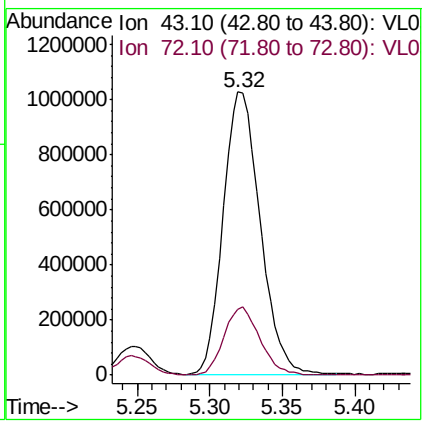


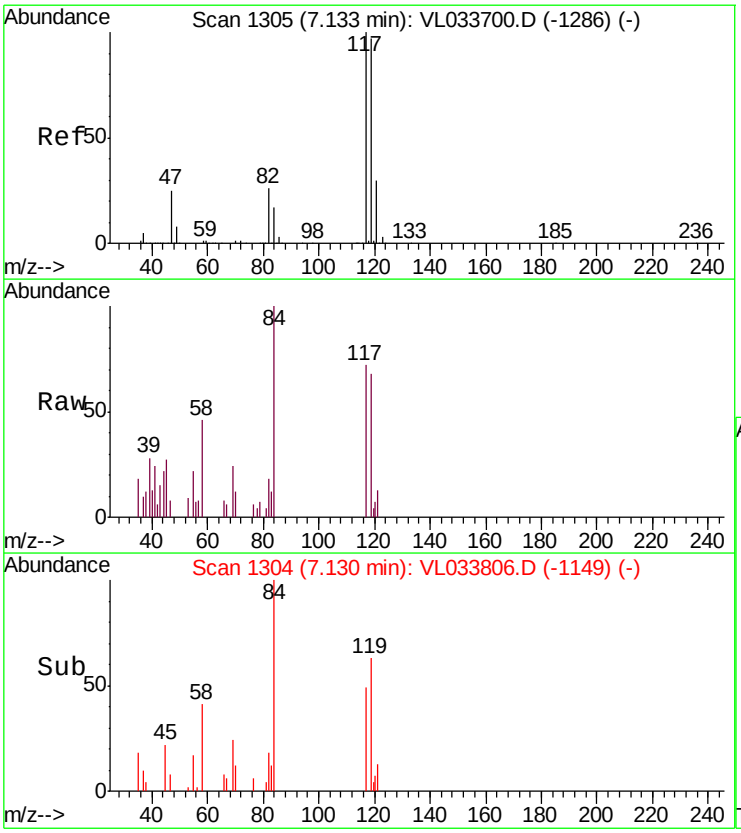
#34
2-Butanone
Concen: 12.445 ppbv
RT: 5.32 min Scan# 741
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 43 Resp: 1810469

Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.8	26.6

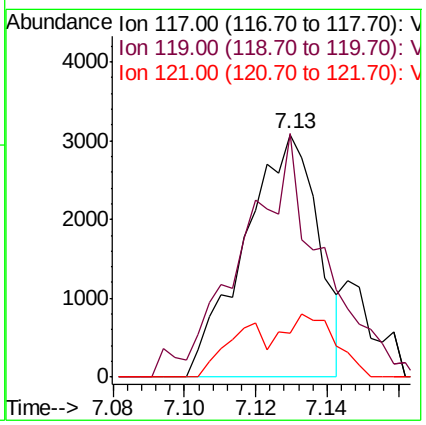


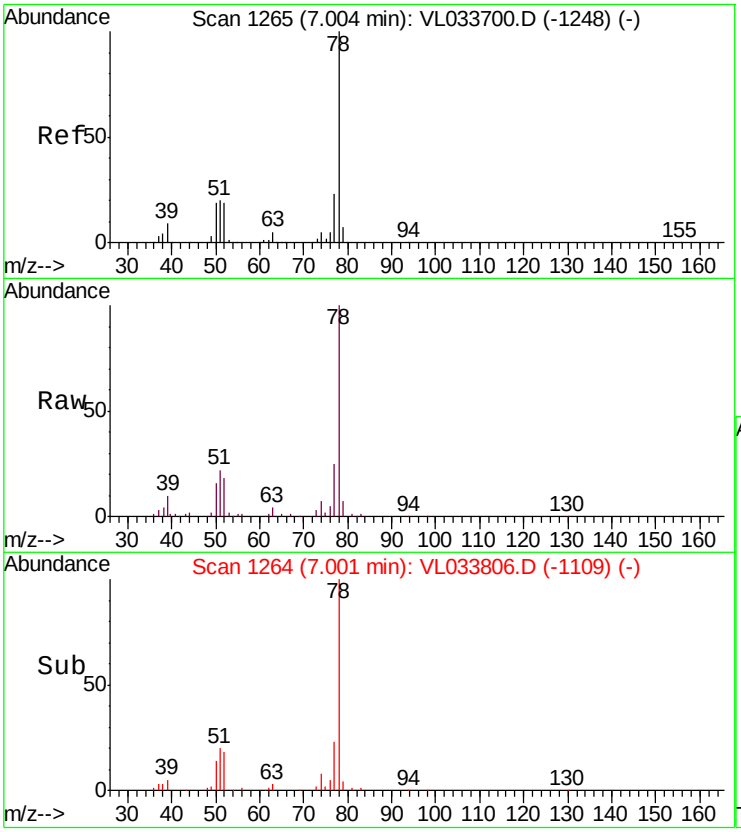


#35
Carbon Tetrachloride
Concen: 0.023 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:117 Resp: 4403

Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.2	115.8
121	18.2	24.1	36.1#



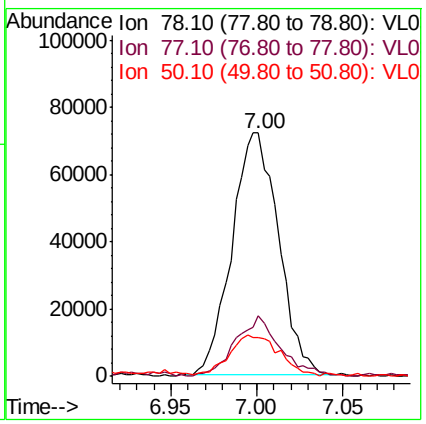


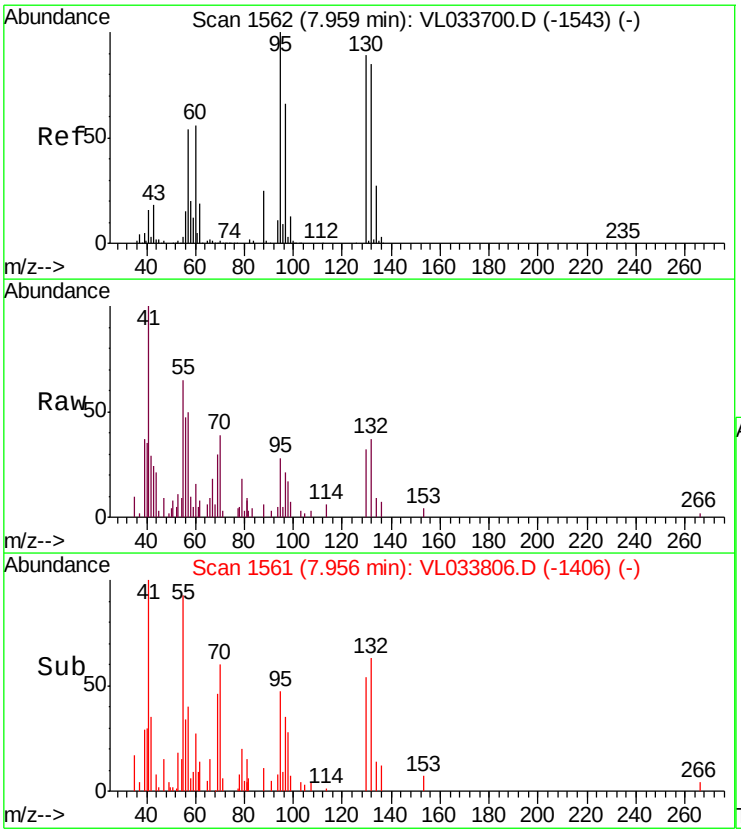
#36
Benzene
Concen: 0.638 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion: 78 Resp: 136281

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.4	27.6
50	15.4	15.5	23.3#

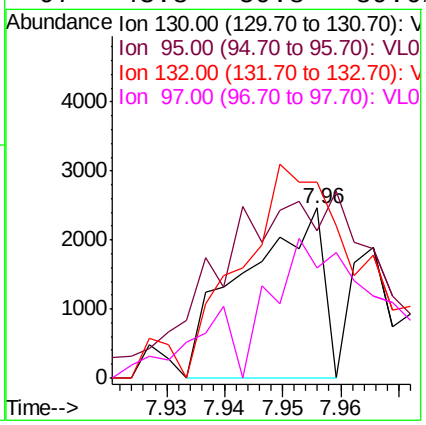


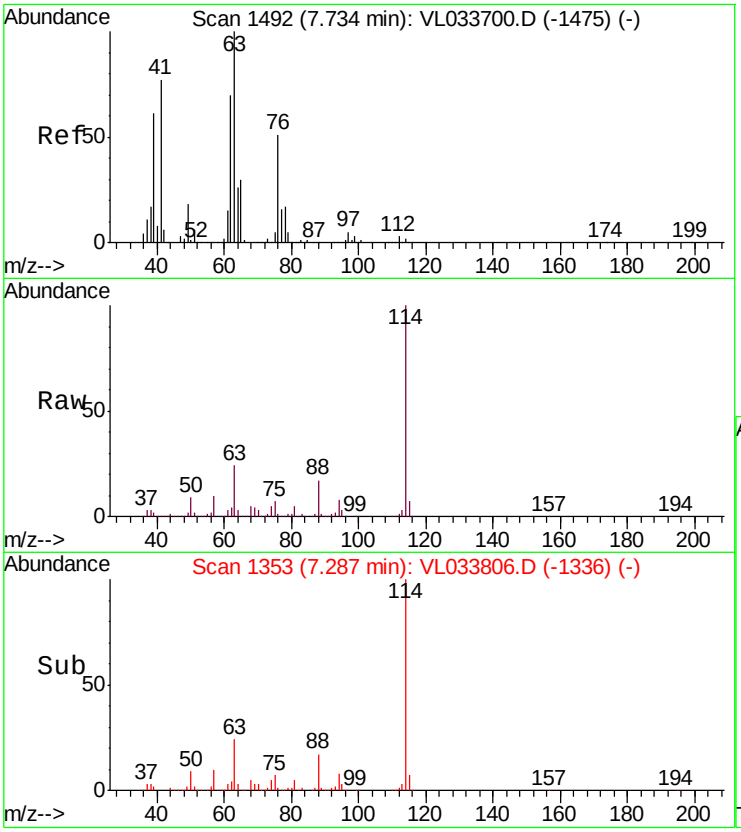


#38
Trichloroethene
Concen: 0.030 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:130 Resp: 2349

Ion	Ratio	Lower	Upper
130	100		
95	52.6	90.2	135.4#
132	115.5	76.4	114.6#
97	43.8	59.8	89.6#



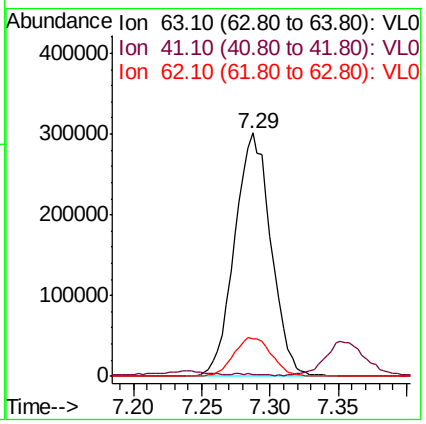


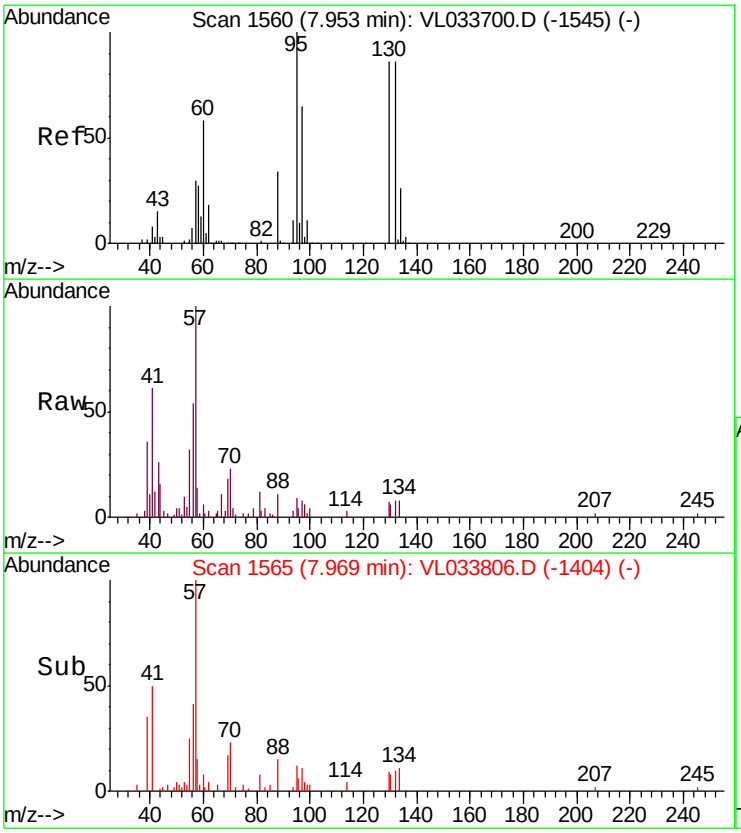
#39
1,2-Dichloropropane
Concen: 6.993 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion: 63 Resp: 556584

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	15.3	56.2	84.4#

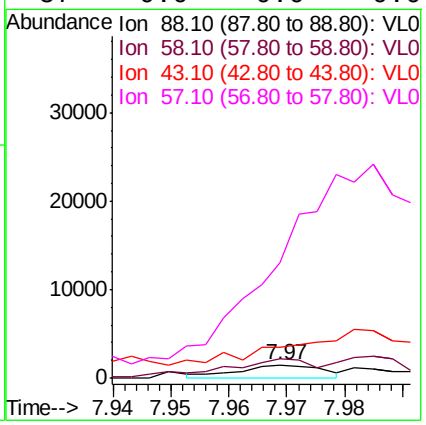


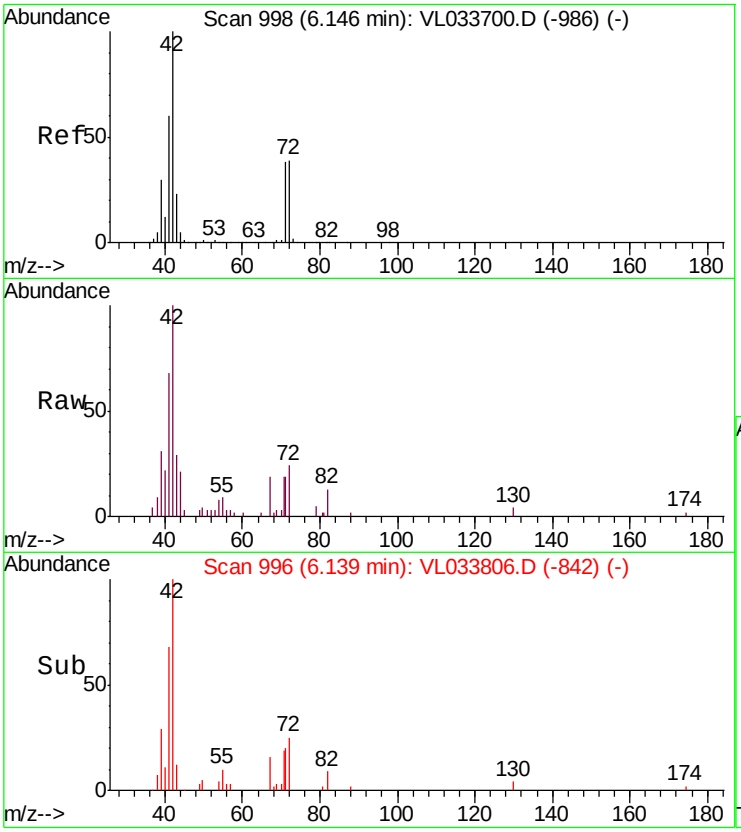


#40
1,4-Dioxane
Concen: 0.045 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. 0.02 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 88 Resp: 1496

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



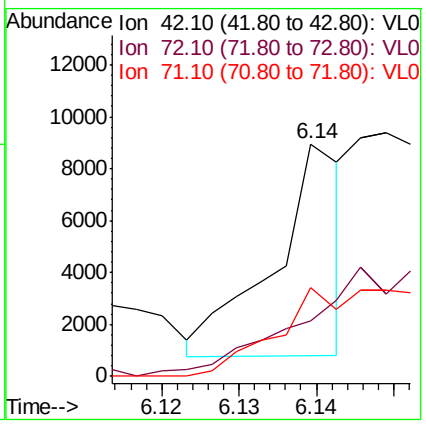


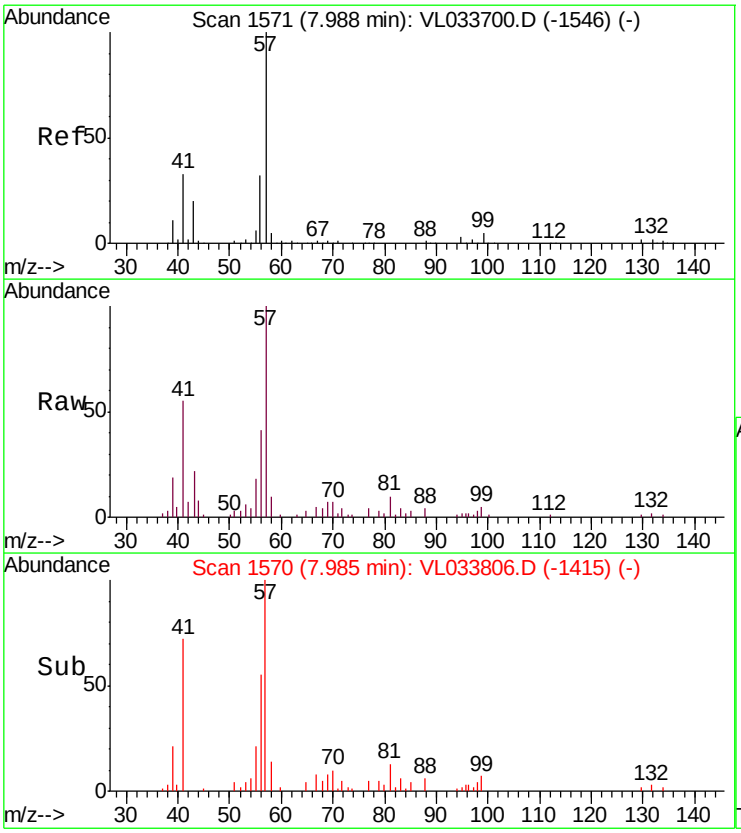
#41
Tetrahydrofuran
Concen: 0.061 ppbv
RT: 6.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 42 Resp: 4993

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	136.4	30.4	45.6#

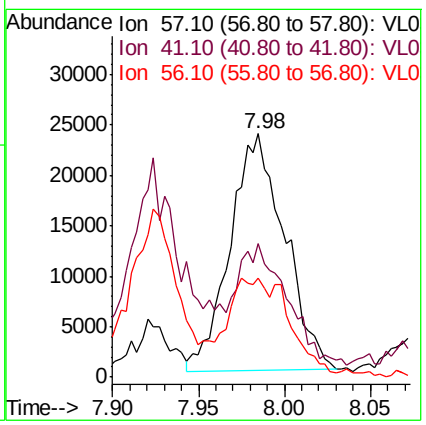


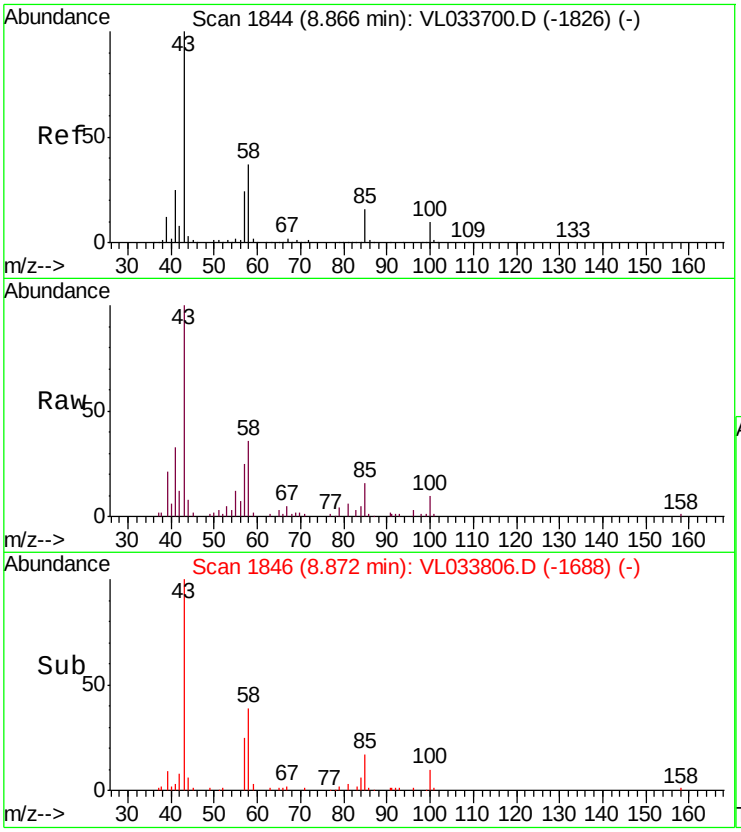


#44
2,2,4-Trimethylpentane
Concen: 0.144 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 57 Resp: 51935

Ion	Ratio	Lower	Upper
57	100		
41	52.4	25.4	38.0#
56	47.5	24.7	37.1#



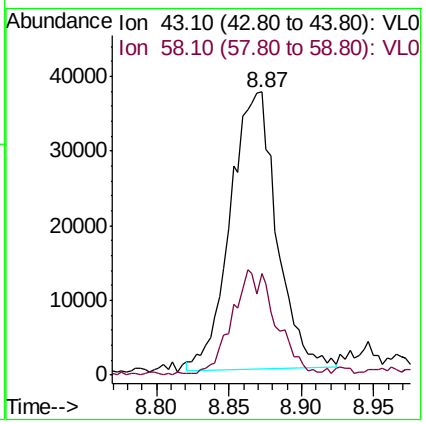


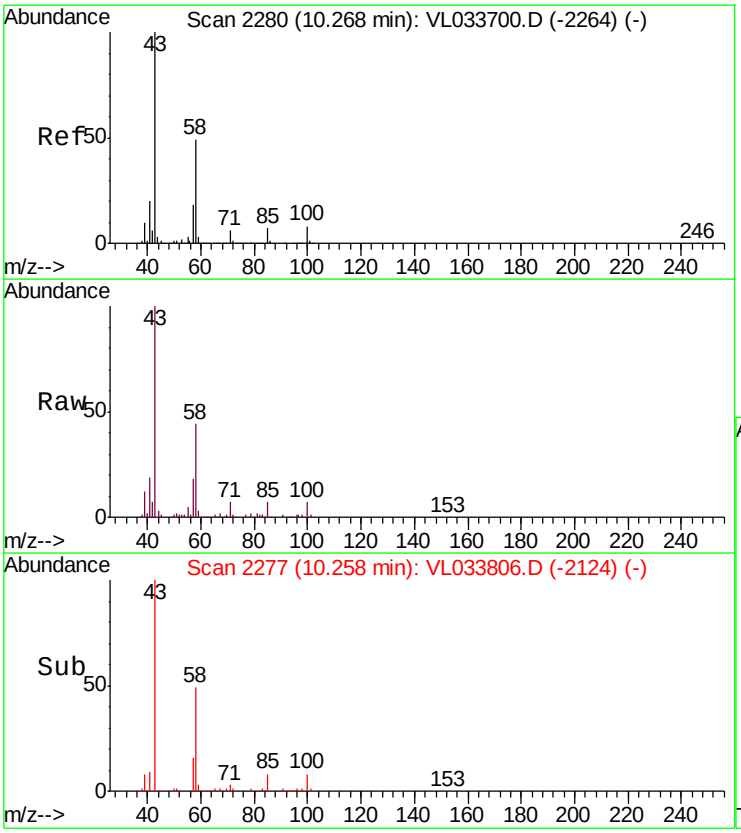
#50
4-Methyl-2-Pentanone
Concen: 0.371 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion: 43 Resp: 82926

Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.6	43.0

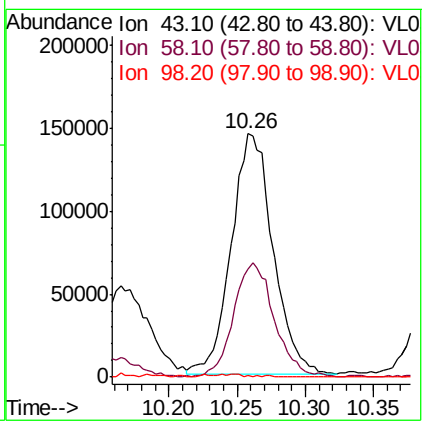


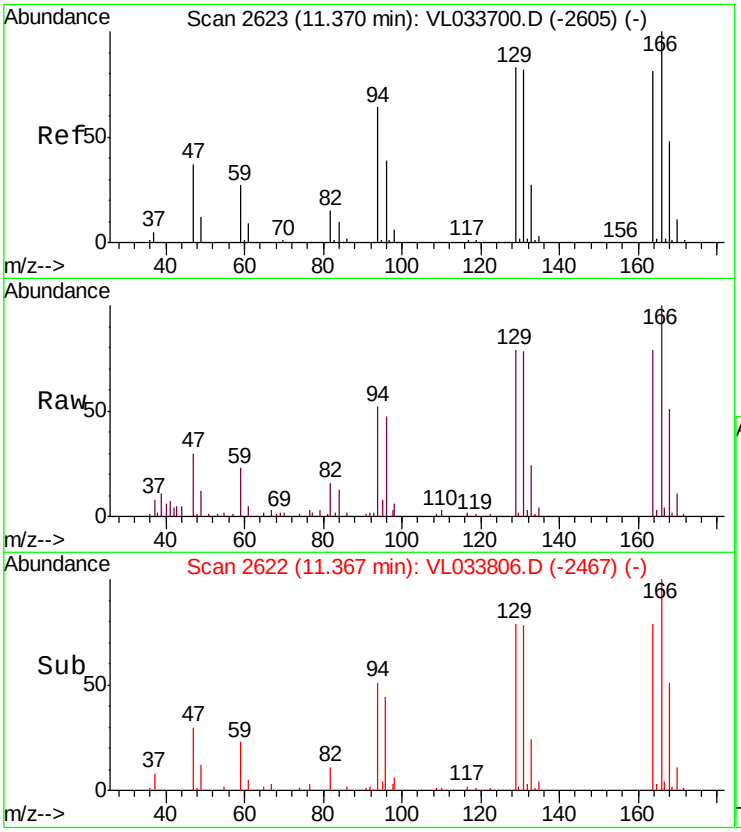


#51
2-Hexanone
Concen: 1.754 ppbv
RT: 10.26 min Scan# 2277
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 43 Resp: 306276

Ion	Ratio	Lower	Upper
43	100		
58	46.4	38.7	58.1
98	1.3	0.2	0.4#



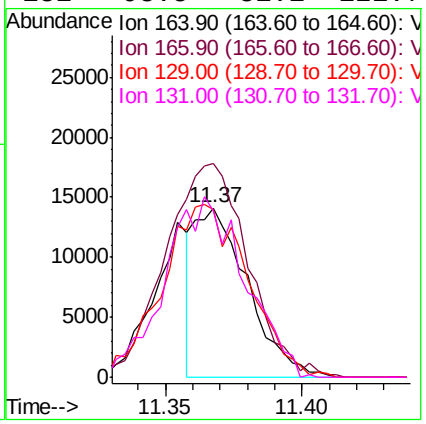


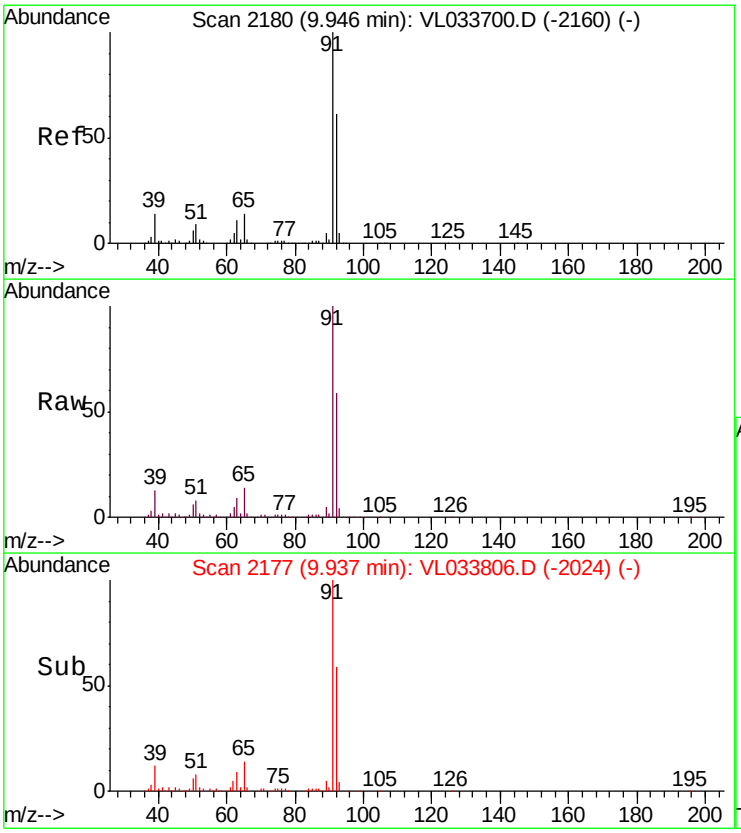
#52
Tetrachloroethene
Concen: 0.253 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion:164 Resp: 19013

Ion	Ratio	Lower	Upper
164	100		
166	124.8	98.9	148.3
129	101.8	81.8	122.6
131	98.5	81.1	121.7

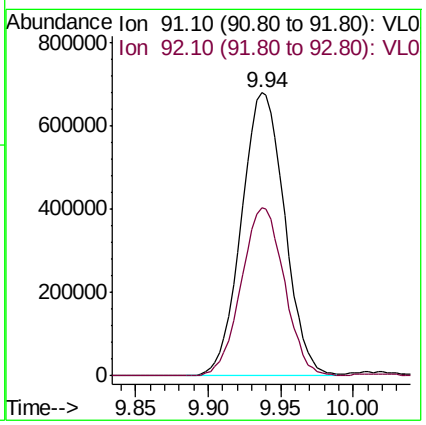


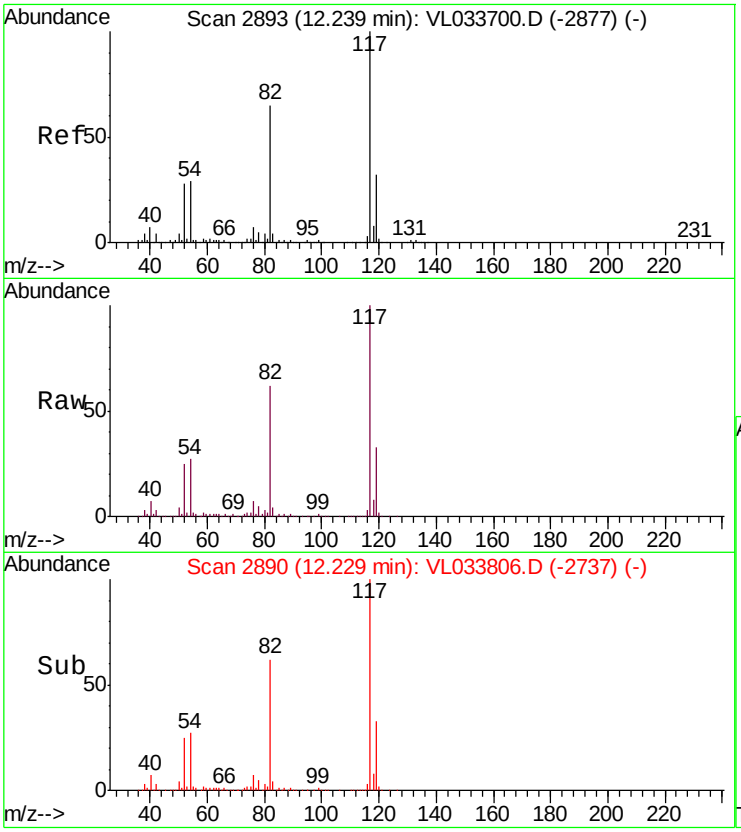


#53
Toluene
Concen: 6.126 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 91 Resp: 1410565

Ion	Ratio	Lower	Upper
91	100		
92	59.3	47.6	71.4



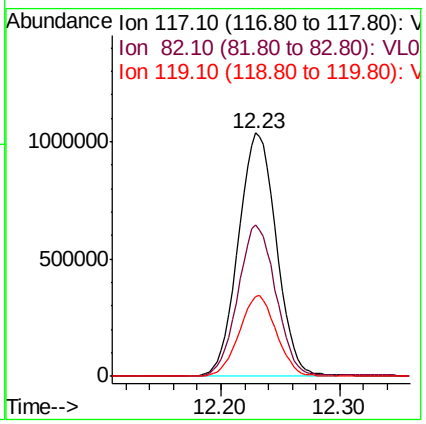


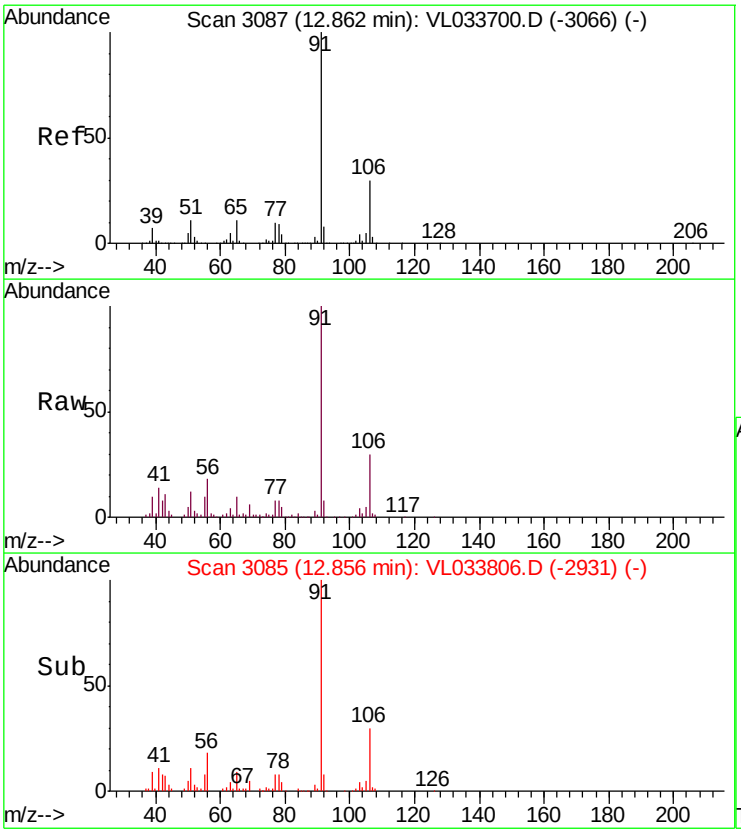
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion:117 Resp: 2298783

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.4	74.0
119	32.7	24.9	37.3

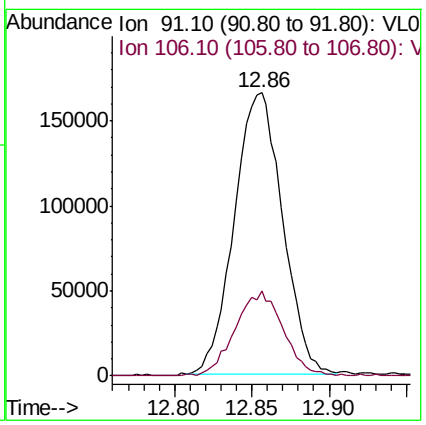


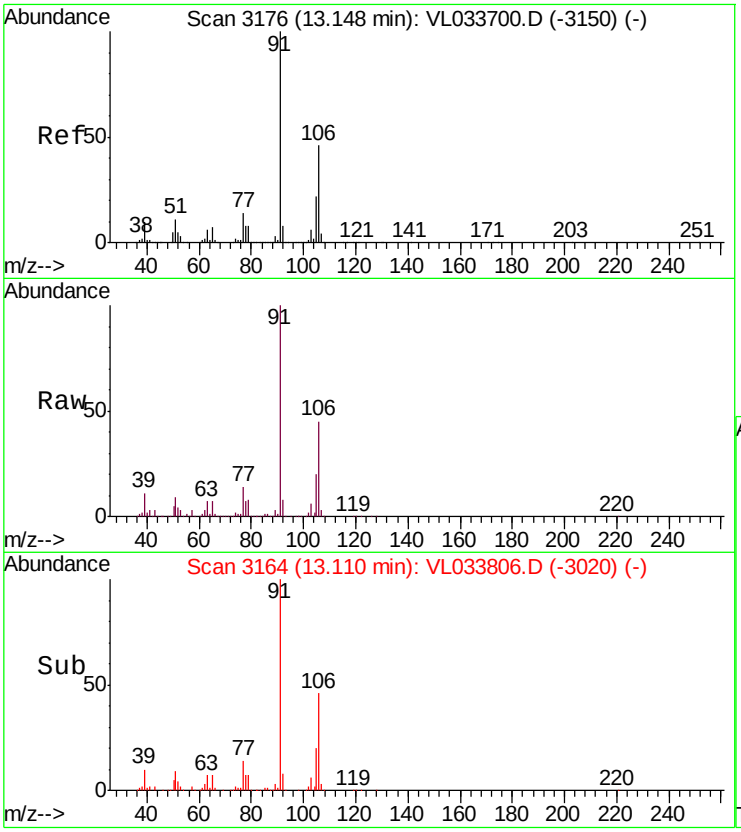


#58
Ethyl Benzene
Concen: 1.184 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 91 Resp: 360553

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.9	35.9



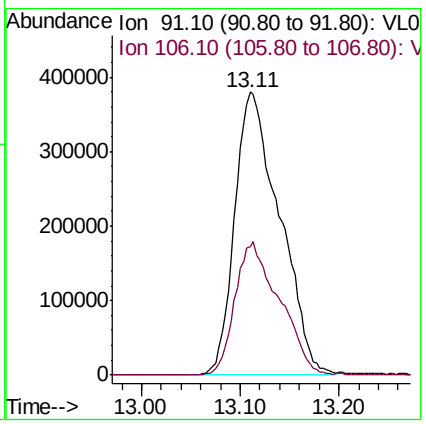


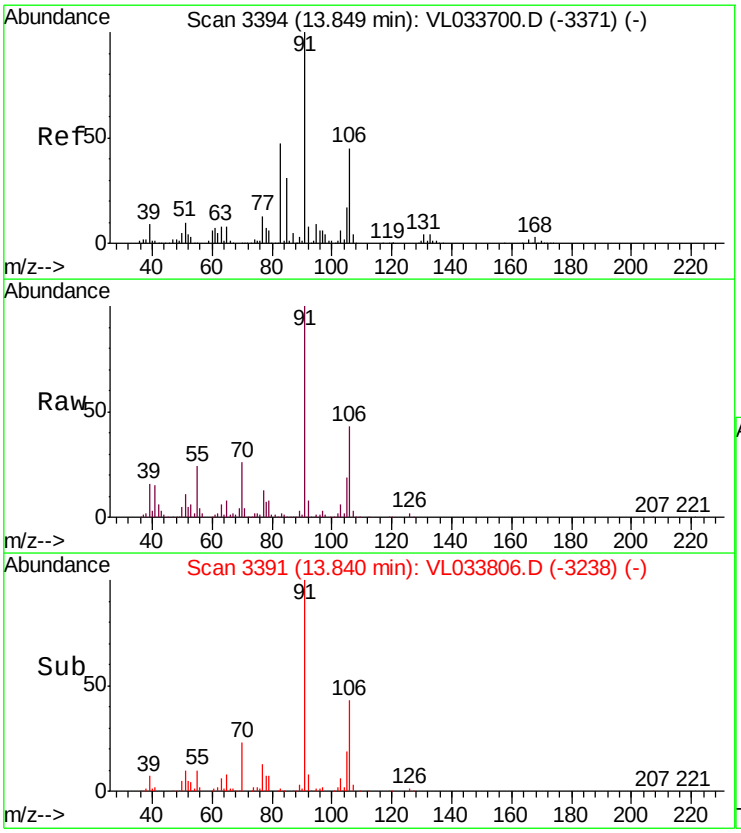
#59
m/p-Xylene
Concen: 4.499 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion: 91 Resp: 1197228

Ion	Ratio	Lower	Upper
91	100		
106	47.0	35.8	53.6

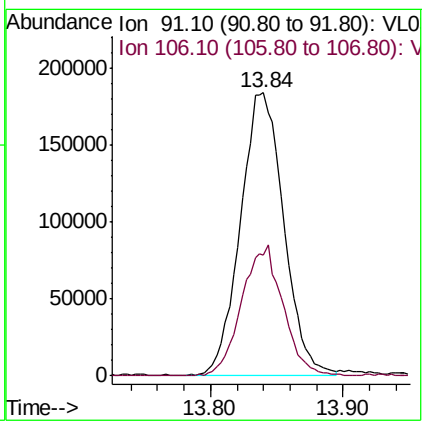


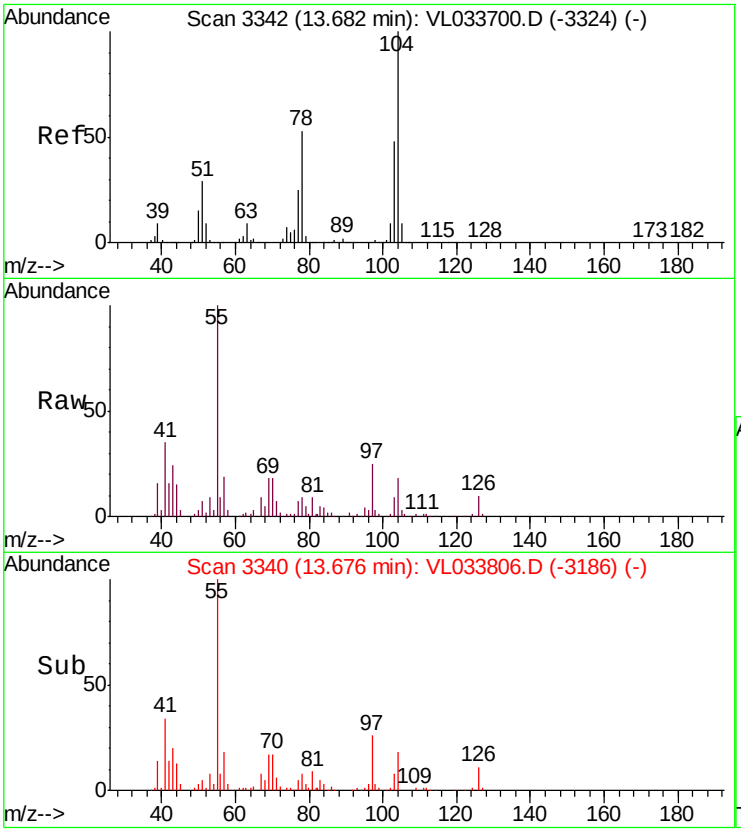


#60
o-Xylene
Concen: 1.563 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 91 Resp: 419286

Ion	Ratio	Lower	Upper
91	100		
106	44.3	21.6	64.8



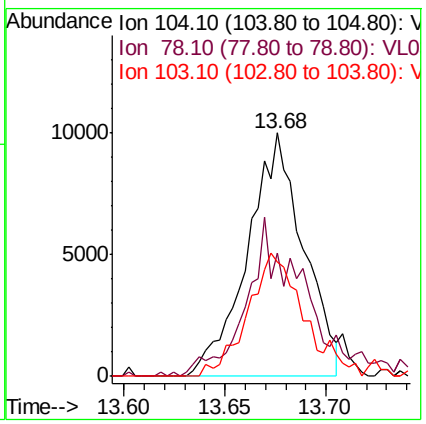


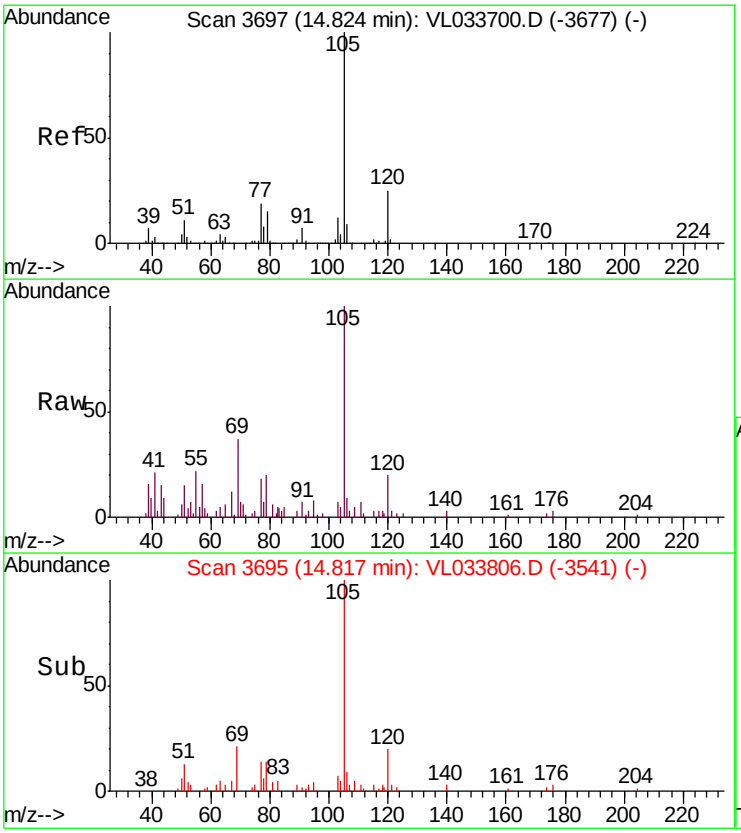
#61
Styrene
Concen: 0.107 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion:104 Resp: 19352

Ion	Ratio	Lower	Upper
104	100		
78	71.3	42.6	64.0#
103	52.9	37.8	56.6

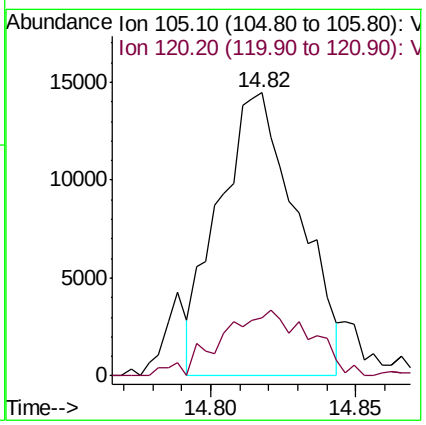


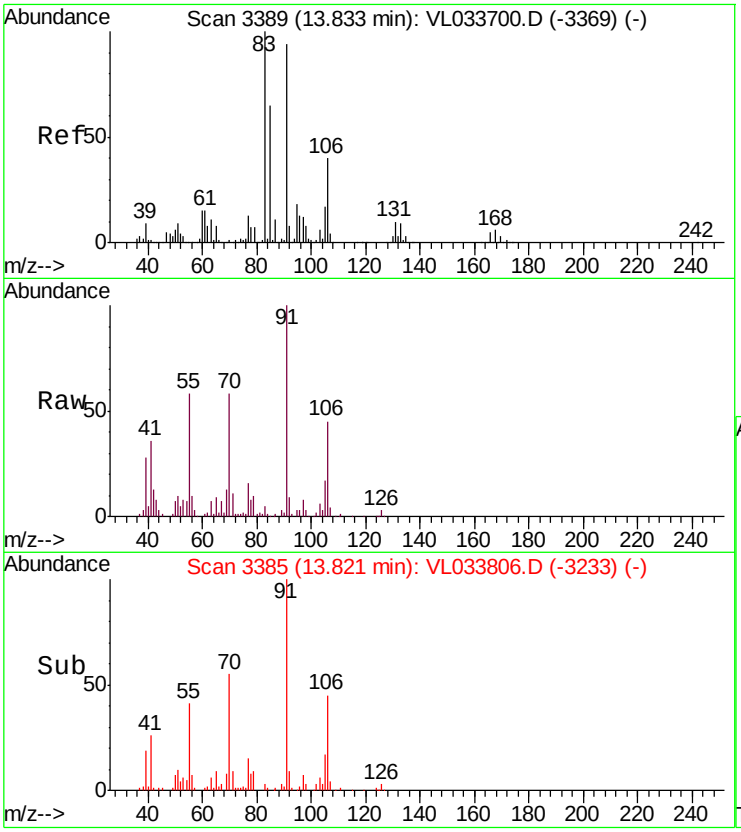


#62
Isopropylbenzene
Concen: 0.076 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:105 Resp: 27459

Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.1	30.1



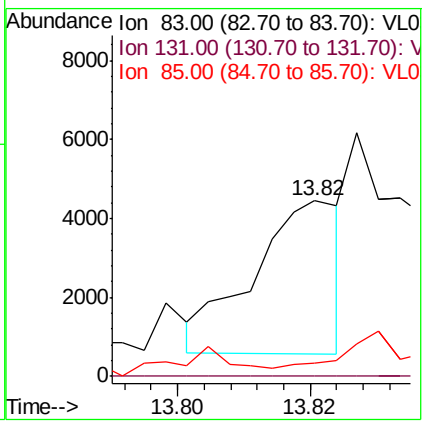


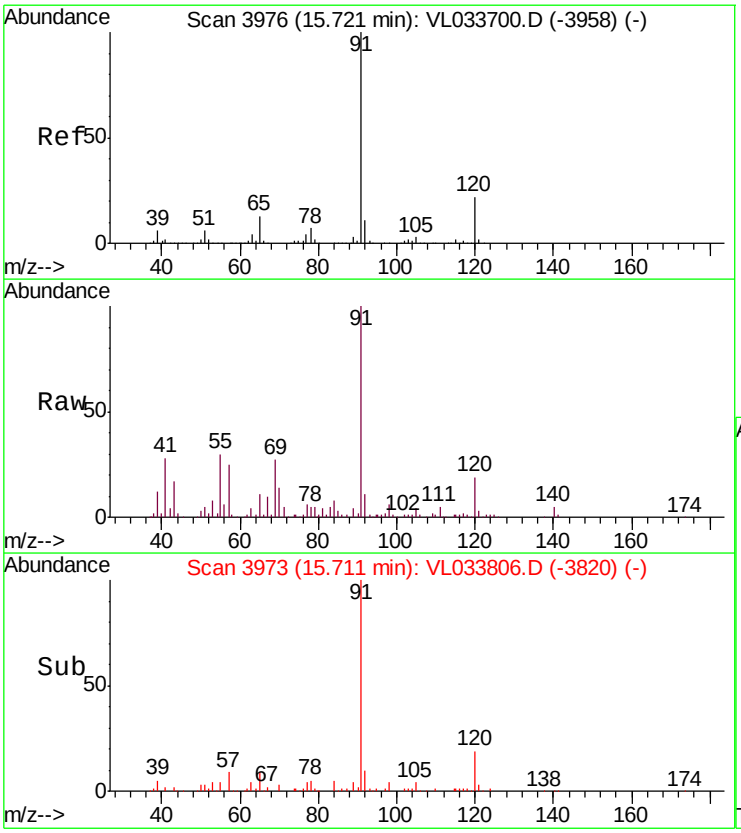
#63
1,1,2,2-Tetrachloroethane
Concen: 0.018 ppbv
RT: 13.82 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion: 83 Resp: 3573

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

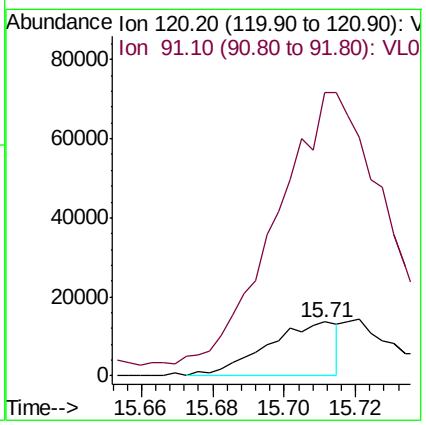


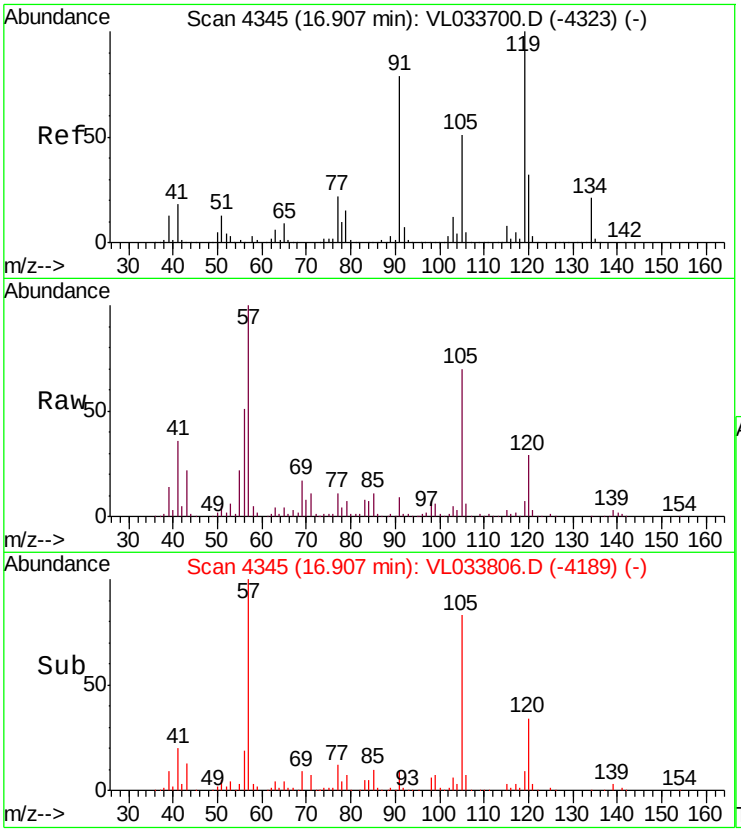


#64
n-propylbenzene
Concen: 0.196 ppbv
RT: 15.71 min Scan# 3973
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:120 Resp: 18309

Ion	Ratio	Lower	Upper
120	100		
91	960.8	379.1	568.7#



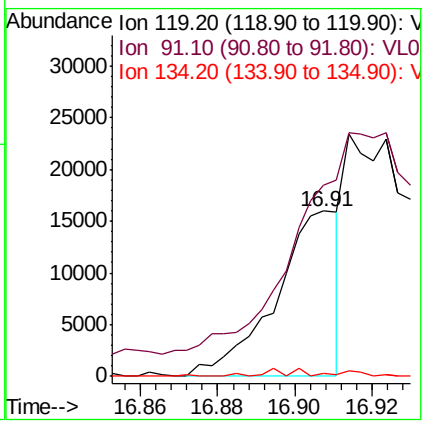


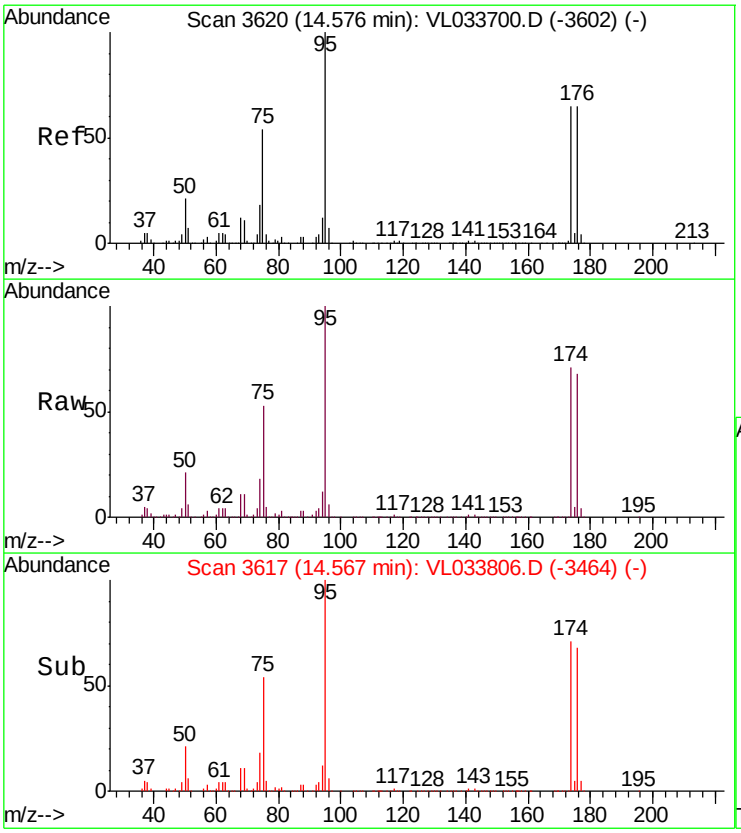
#65
tert-Butylbenzene
Concen: 0.055 ppbv
RT: 16.91 min Scan# 4345
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion:119 Resp: 18121

Ion	Ratio	Lower	Upper
119	100		
91	0.0	65.3	97.9#
134	3.9	15.7	23.5#

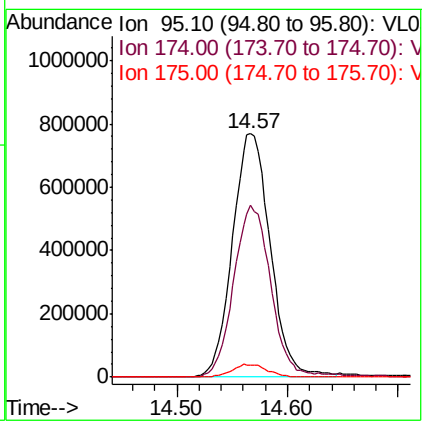


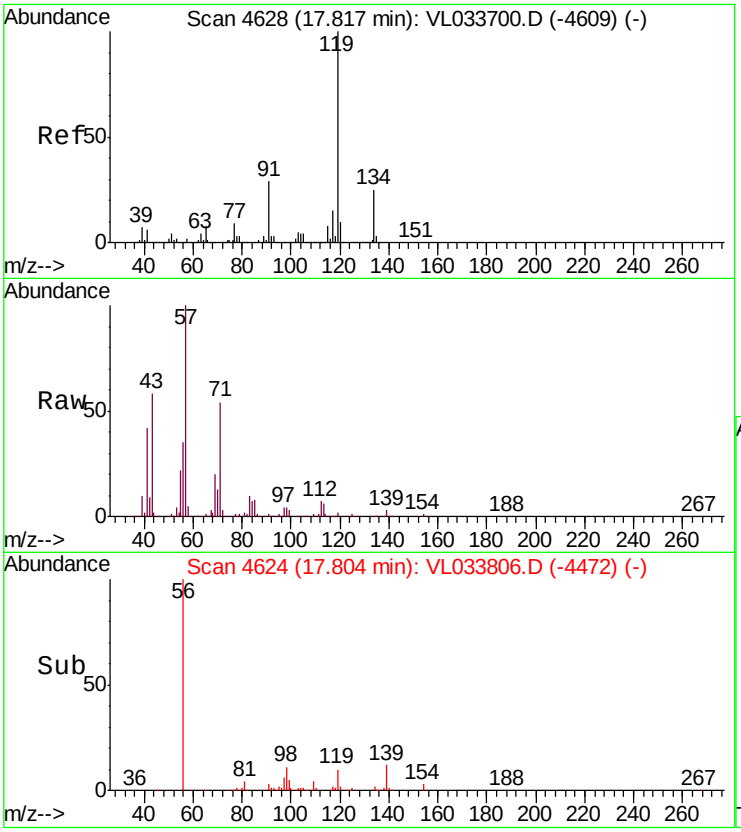


#68
1-Bromo-4-Fluorobenzene
Concen: 9.787 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 95 Resp: 1823828

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



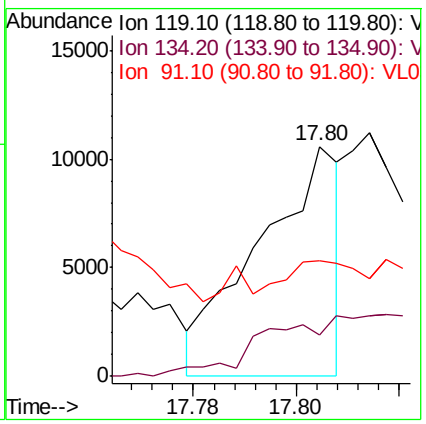


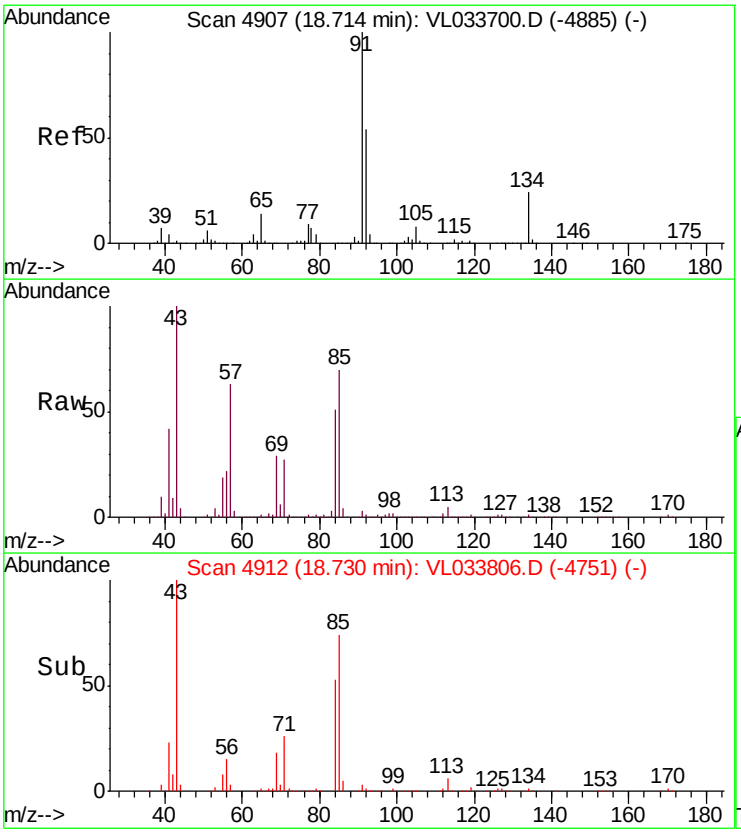
#69
p-Isopropyltoluene
Concen: 0.030 ppbv
RT: 17.80 min Scan# 4624
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion:119 Resp: 11503

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	56.0	23.1	34.7#

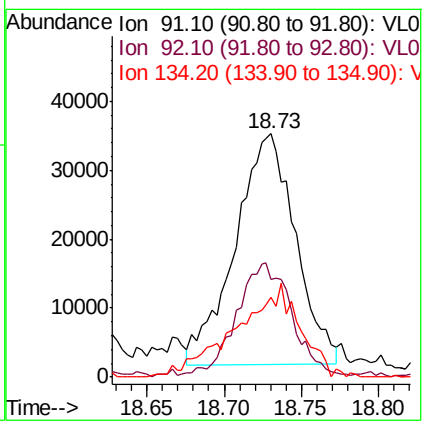


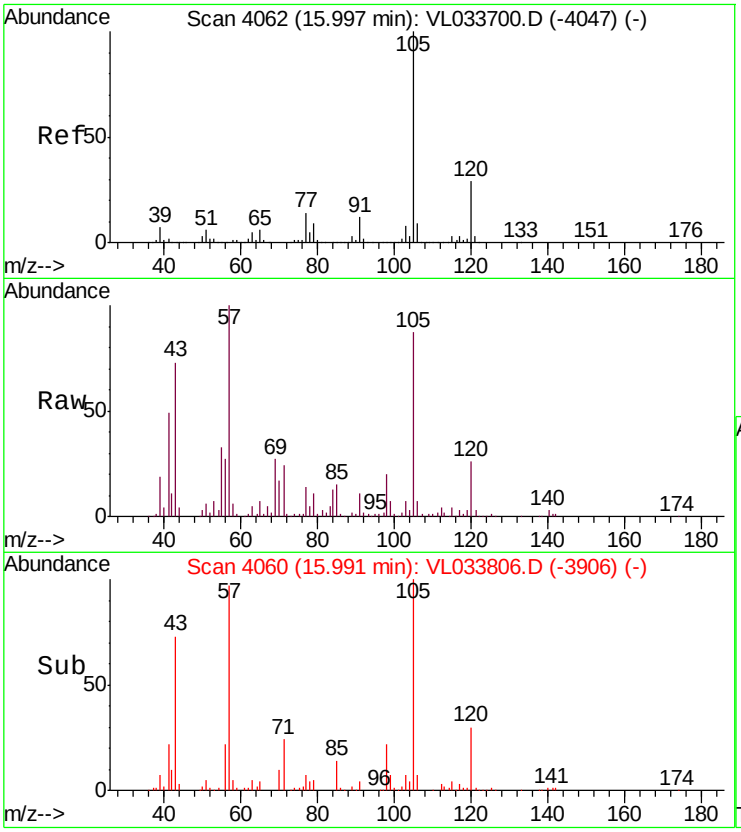


#70
n-Butylbenzene
Concen: 0.221 ppbv
RT: 18.73 min Scan# 4912
Delta R.T. 0.02 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion: 91 Resp: 90614

Ion	Ratio	Lower	Upper
91	100		
92	47.0	42.6	63.8
134	42.9	18.1	27.1#



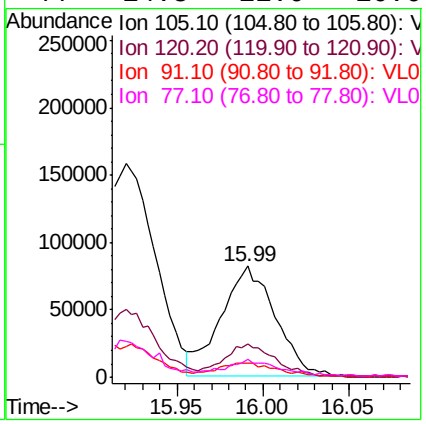


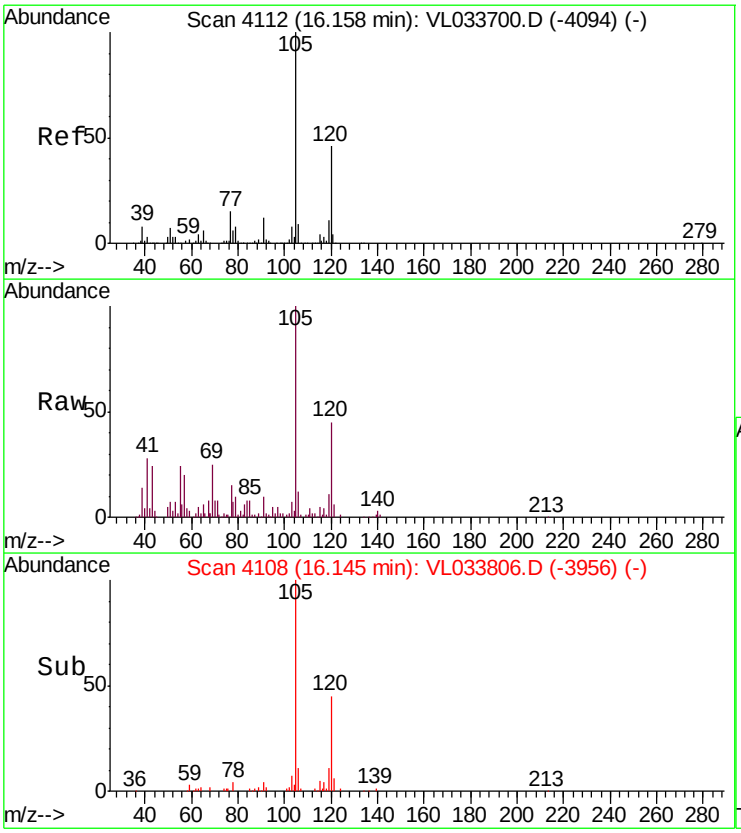
#72
4-Ethyltoluene
Concen: 0.579 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion:105 Resp: 177571

Ion	Ratio	Lower	Upper
105	100		
120	30.3	23.1	34.7
91	11.9	10.4	15.6
77	14.3	11.0	16.6

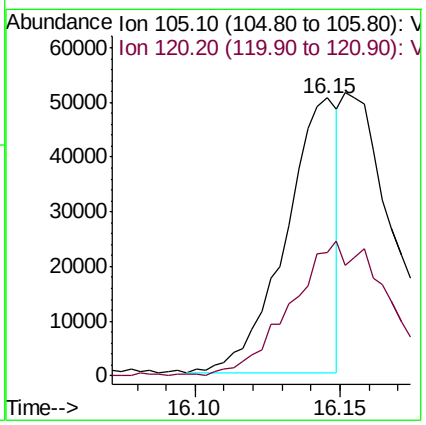


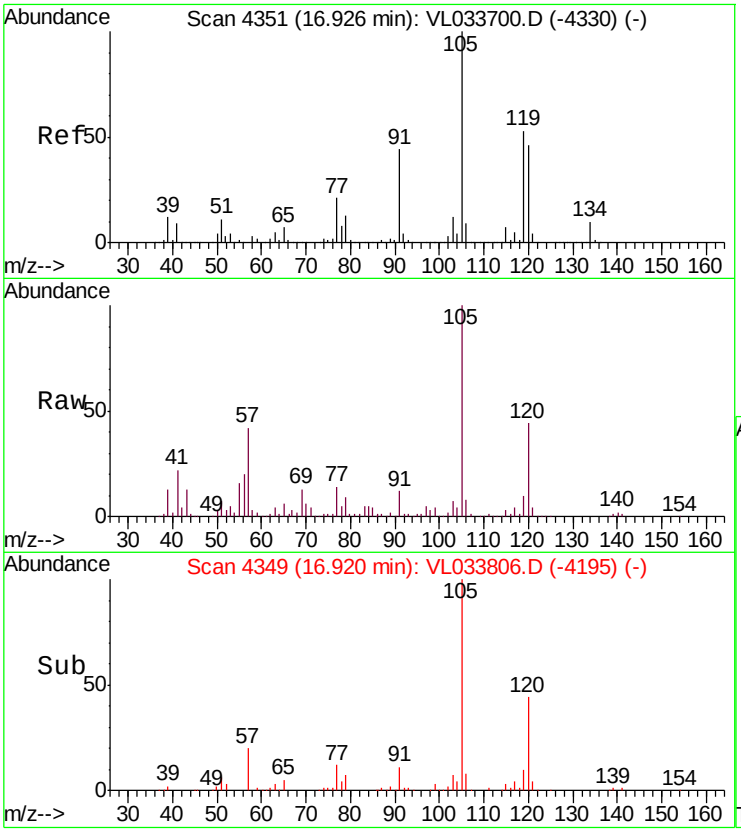


#73
1,3,5-Trimethylbenzene
Concen: 0.210 ppbv
RT: 16.15 min Scan# 4108
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:105 Resp: 62971

Ion	Ratio	Lower	Upper
105	100		
120	44.4	37.0	55.4



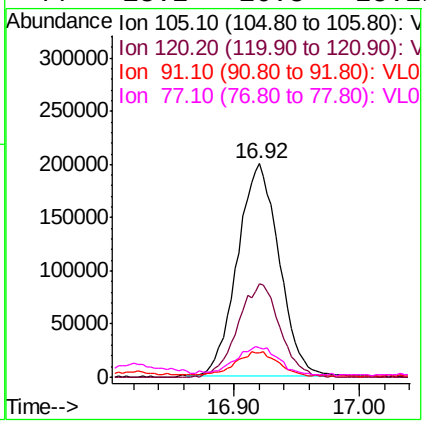


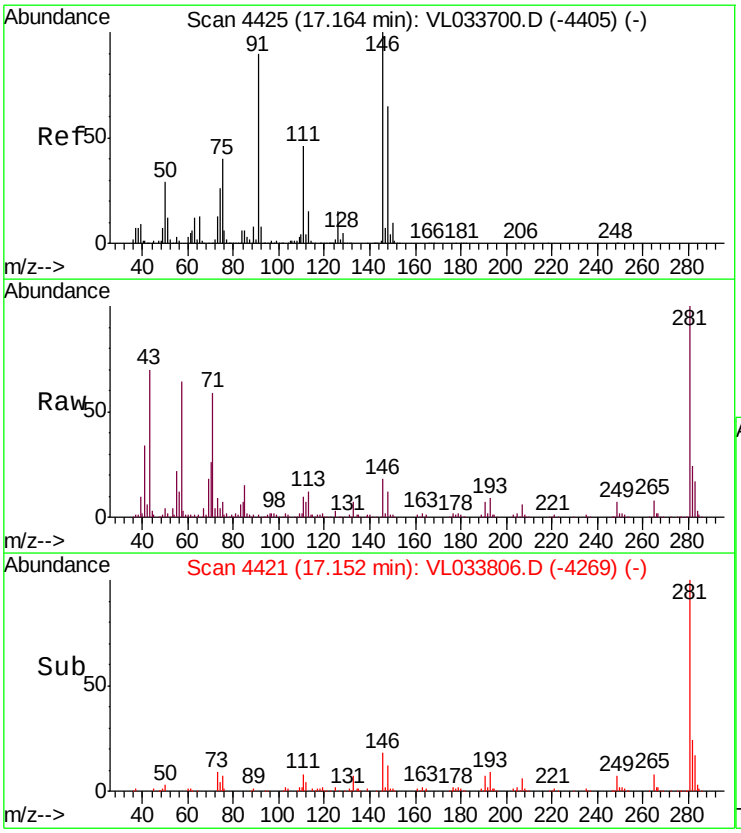
#74
1,2,4-Trimethylbenzene
Concen: 1.421 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion:105 Resp: 462691

Ion	Ratio	Lower	Upper
105	100		
120	48.1	36.8	55.2
91	11.0	35.4	53.0#
77	13.2	16.8	25.2#

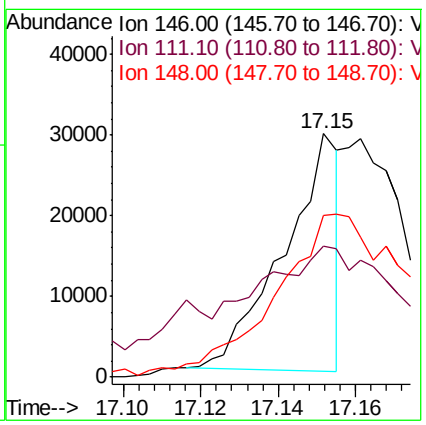


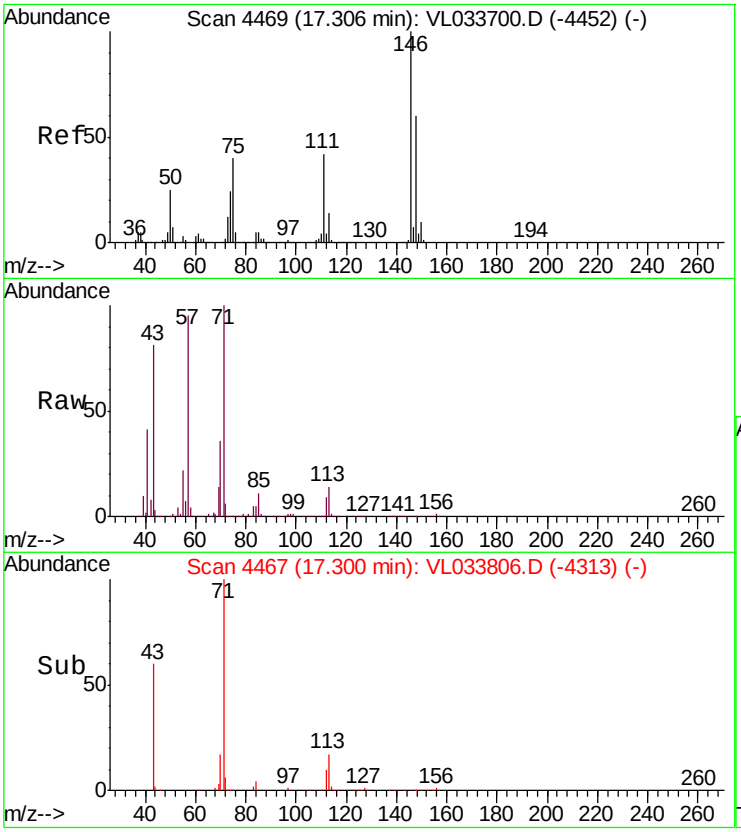


#75
1,3-Dichlorobenzene
Concen: 0.144 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:146 Resp: 28812

Ion	Ratio	Lower	Upper
146	100		
111	171.5	22.9	68.8#
148	169.0	32.0	96.2#



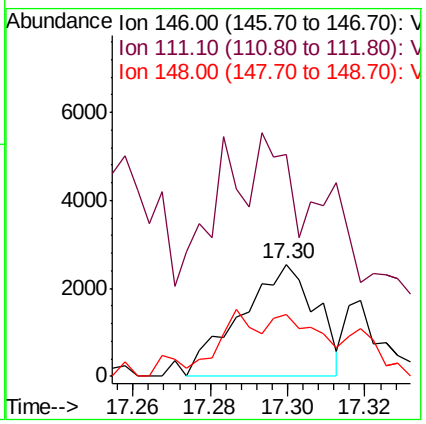


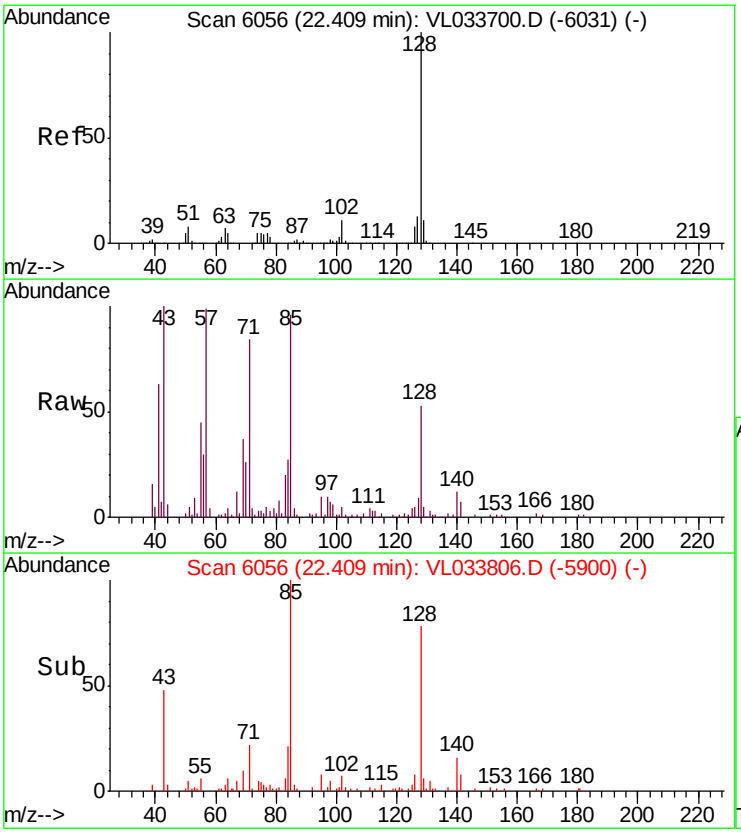
#76
1,4-Dichlorobenzene
Concen: 0.018 ppbv
RT: 17.30 min Scan# 4467
Delta R.T. -0.01 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3008-25

Tgt Ion:146 Resp: 3435

Ion	Ratio	Lower	Upper
146	100		
111	272.2	21.9	65.8#
148	94.0	32.1	96.3

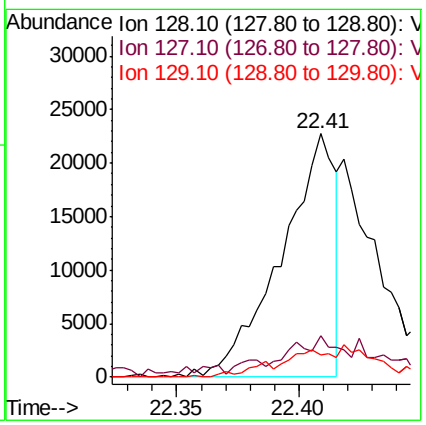


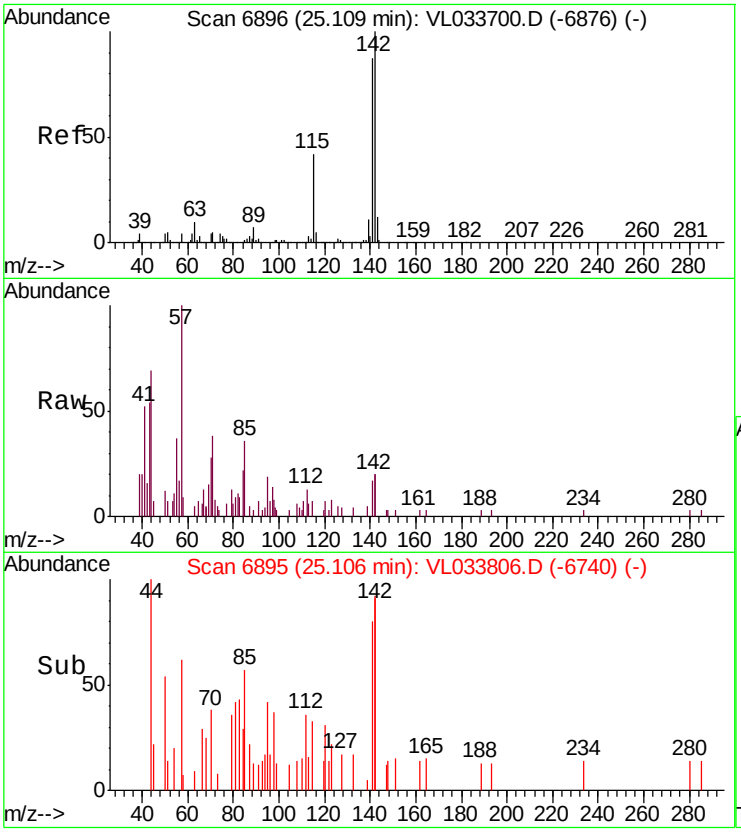


#79
Naphthalene
Concen: 0.115 ppbv
RT: 22.41 min Scan# 6056
Delta R.T. 0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Tgt Ion:128 Resp: 34797

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	9.6	8.9	13.3





#80
Naphthalene,2-methyl-
Concen: 0.024 ppbv
RT: 25.11 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL033806.D
Acq: 28 May 2019 15:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3008-25

Tgt Ion:142 Resp: 2789

Ion	Ratio	Lower	Upper
142	100		
141	116.7	67.2	100.8#
115	50.1	34.1	51.1