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

Quantitation Report (Not Reviewed)

Data File : VL033804.D
Acq On : 28 May 2019 14:24
Operator : SY/AP
Sample : K2929-19
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Quant Time: May 29 04:36:36 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	917695	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2298060	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2271702	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1959572	10.64	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.40%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.01	51	273539	2.602	ppbv		95
4) Chloromethane	3.16	50	20374	0.339	ppbv		93
6) Bromomethane	3.51	94	742	0.020	ppbv	#	69
7) Chloroethane	3.60	64	1700	0.078	ppbv	#	88
9) Propene	3.03	41	2463497	55.098	ppbv		95
10) Heptane	8.24	43	298195	2.355	ppbv		99
11) Trichlorofluoromethane	4.00	101	44778	0.243	ppbv		84
12) 1,1,2-Trichlorotrifluoroet	4.55	101	3774	0.029	ppbv	#	1
13) Ethanol	3.65	45	330774	22.889	ppbv		98
15) Acetone	3.89	43	15892106	124.815	ppbv	#	69
16) 1,3-Butadiene	3.34	39	2210181	43.590	ppbv	#	22
17) tert-Butyl alcohol	4.36	59	362110	3.517	ppbv		99
19) Isopropyl Alcohol	4.02	45	111496	1.358	ppbv	#	94
20) Methylene Chloride	4.41	84	48190	0.983	ppbv	#	93
21) Allyl Chloride	4.46	41	48417	0.610	ppbv	#	1
23) Vinyl Acetate	5.14	43	227958	1.358	ppbv	#	82
24) 1,1-Dichloroethane	5.13	63	2319	0.018	ppbv	#	90
25) Ethyl Acetate	5.77	43	318282	1.423	ppbv	#	87
26) Hexane	5.77	57	342747	3.564	ppbv	#	42
27) Carbon Disulfide	4.61	76	315691	2.393	ppbv		99
29) Chloroform	5.85	83	218899	1.236	ppbv		100
30) Cyclohexane	7.25	84	11909	0.147	ppbv	#	1
32) 1,1,1-Trichloroethane	6.62	97	6510	0.037	ppbv	#	11
34) 2-Butanone	5.32	43	2611099	18.331	ppbv		97
35) Carbon Tetrachloride	7.13	117	4324	0.023	ppbv	#	56
36) Benzene	7.00	78	367733	1.759	ppbv		97
37) 1,2-Dichloroethane	6.40	62	1545	0.011	ppbv	#	83
38) Trichloroethene	7.95	130	1288	0.017	ppbv	#	47
39) 1,2-Dichloropropane	7.29	63	555796	7.131	ppbv	#	23
41) Tetrahydrofuran	6.15	42	13845	0.173	ppbv	#	26
42) Bromodichloromethane	7.91	83	4482	0.024	ppbv	#	45
43) Methyl Methacrylate	8.17	69	18017	0.234	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.99	57	58102	0.164	ppbv	#	43
50) 4-Methyl-2-Pentanone	8.87	43	149377	0.682	ppbv		98
51) 2-Hexanone	10.26	43	384851	2.251	ppbv	#	98
52) Tetrachloroethene	11.36	164	37126	0.505	ppbv		97
53) Toluene	9.94	91	2765061	12.263	ppbv		100
58) Ethyl Benzene	12.86	91	654041	2.174	ppbv		99
59) m/p-Xylene	13.11	91	2046152	7.781	ppbv		96
60) o-Xylene	13.84	91	672236	2.536	ppbv		98
61) Styrene	13.67	104	13234	0.074	ppbv	#	29

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

Quantitation Report (Not Reviewed)

Data File : VL033804.D
Acq On : 28 May 2019 14:24
Operator : SY/AP
Sample : K2929-19
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Quant Time: May 29 04:36:36 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)
62) Isopropylbenzene	14.81	105	22996	0.064	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.83	83	22749	0.118	ppbv	#	25
64) n-propylbenzene	15.71	120	45308	0.491	ppbv		69
65) tert-Butylbenzene	16.92	119	71553	0.220	ppbv	#	68
71) 2-Chlorotoluene	15.92	91	39534	0.149	ppbv		98
72) 4-Ethyltoluene	15.99	105	244561	0.807	ppbv	#	92
73) 1,3,5-Trimethylbenzene	16.15	105	86171	0.291	ppbv		87
74) 1,2,4-Trimethylbenzene	16.92	105	639604	1.987	ppbv	#	76
75) 1,3-Dichlorobenzene	17.15	146	76114	0.386	ppbv	#	62
76) 1,4-Dichlorobenzene	17.30	146	3543	0.019	ppbv	#	1
79) Naphthalene	22.42	128	125250	0.419	ppbv	#	91
80) Naphthalene,2-methyl-	25.11	142	10291	0.091	ppbv	#	76

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

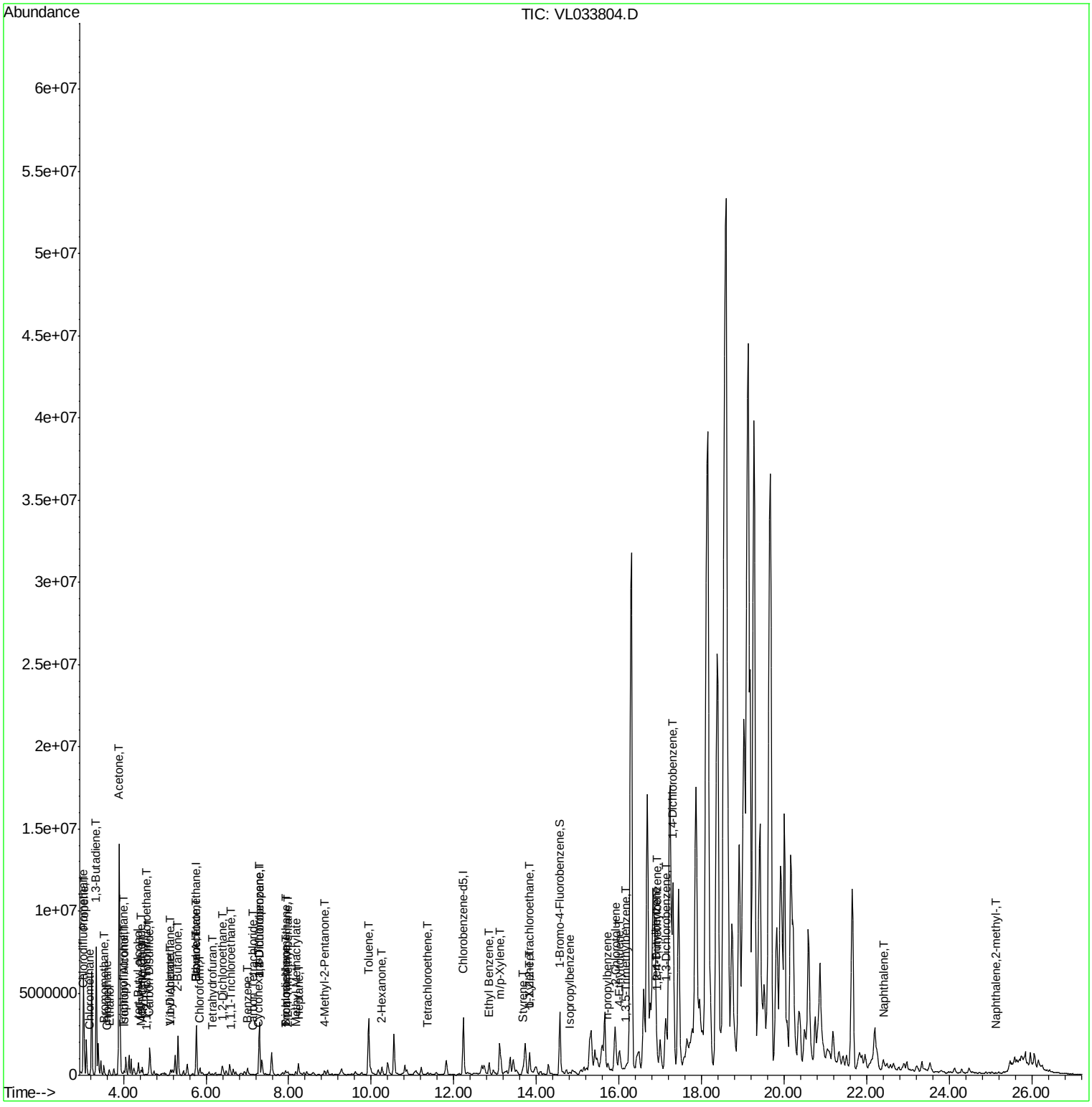
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

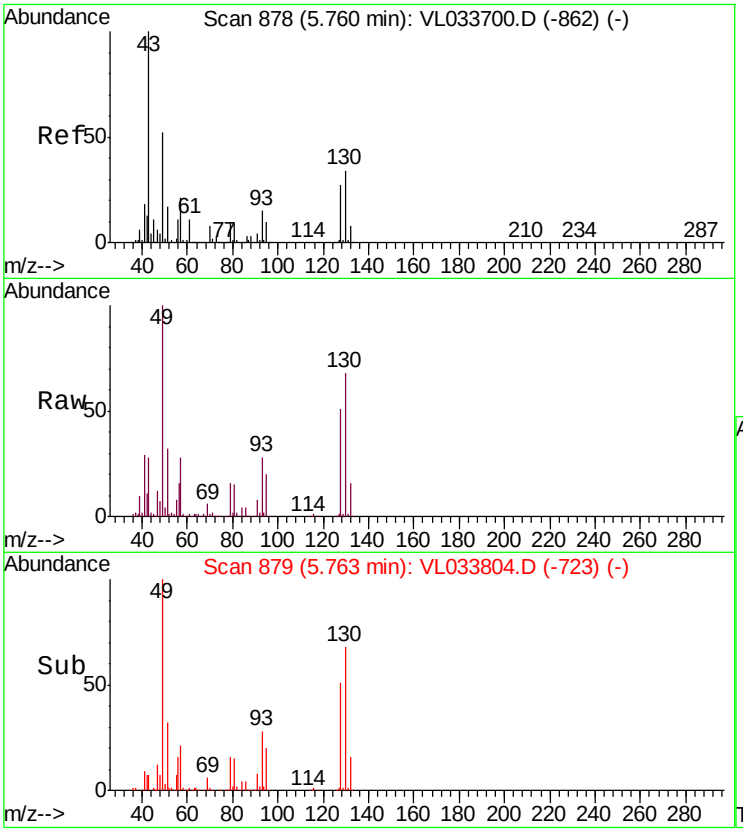
Quantitation Report (Not Reviewed)

Data File : VL033804.D
Acq On : 28 May 2019 14:24
Operator : SY/AP
Sample : K2929-19
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Quant Time: May 29 04:36:36 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



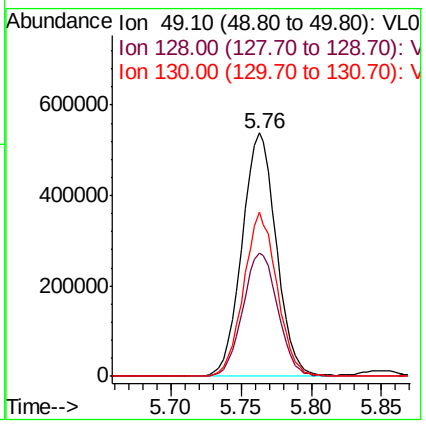


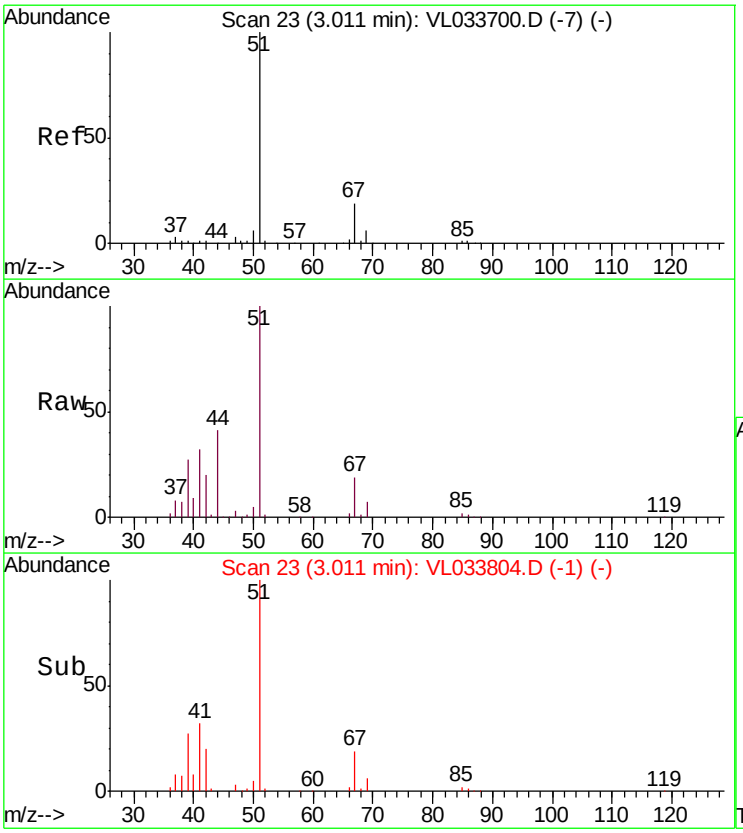
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 49 Resp: 917695

Ion	Ratio	Lower	Upper
49	100		
128	51.8	25.2	75.6
130	65.8	32.5	97.5

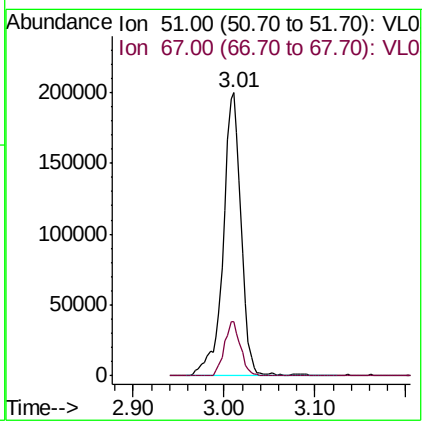


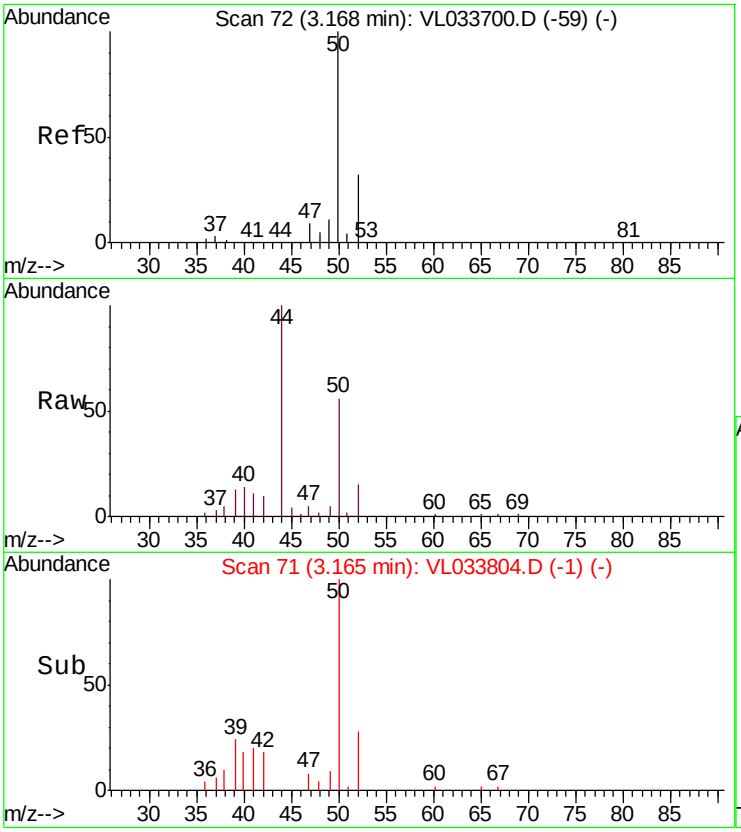


#3
Chlorodifluoromethane
Concen: 2.602 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 51 Resp: 273539

Ion	Ratio	Lower	Upper
51	100		
67	17.3	15.6	23.4



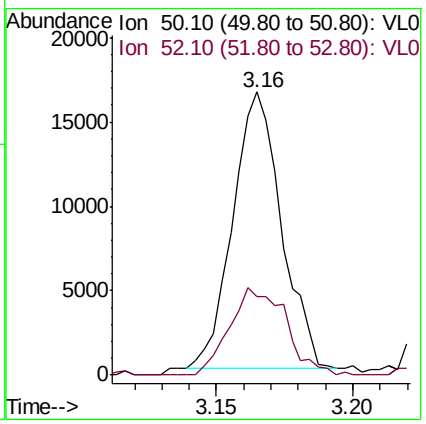


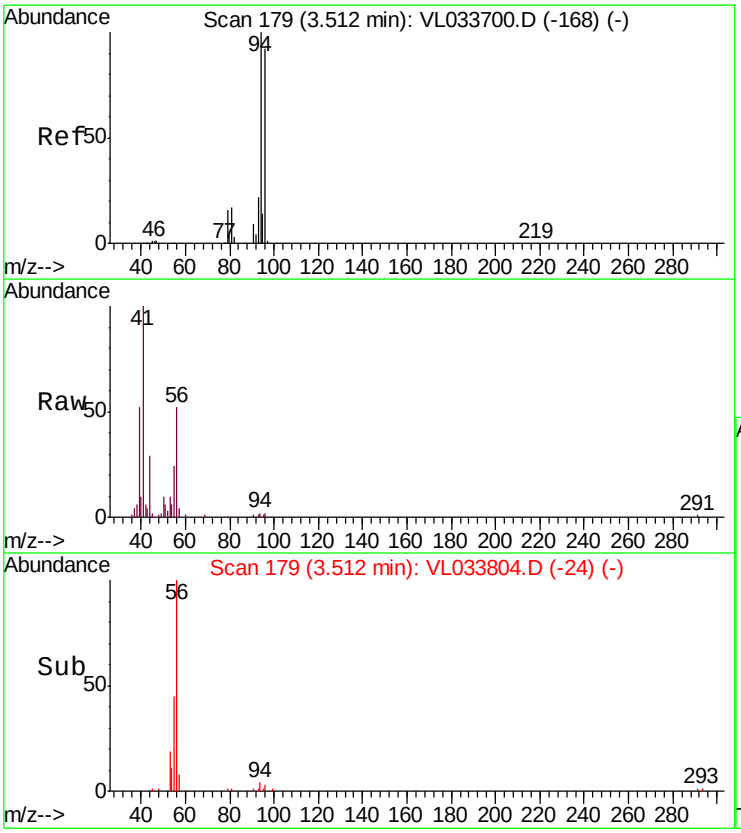
#4
Chloromethane
Concen: 0.339 ppbv
RT: 3.16 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 50 Resp: 20374

Ion	Ratio	Lower	Upper
50	100		
52	28.2	25.7	38.5

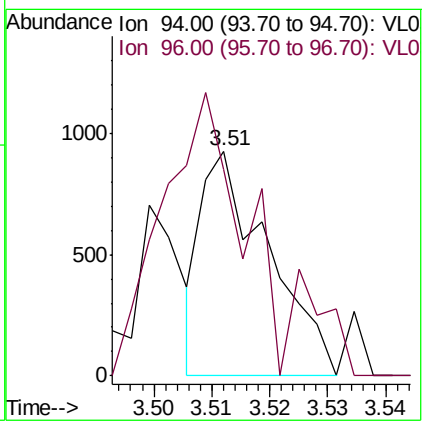


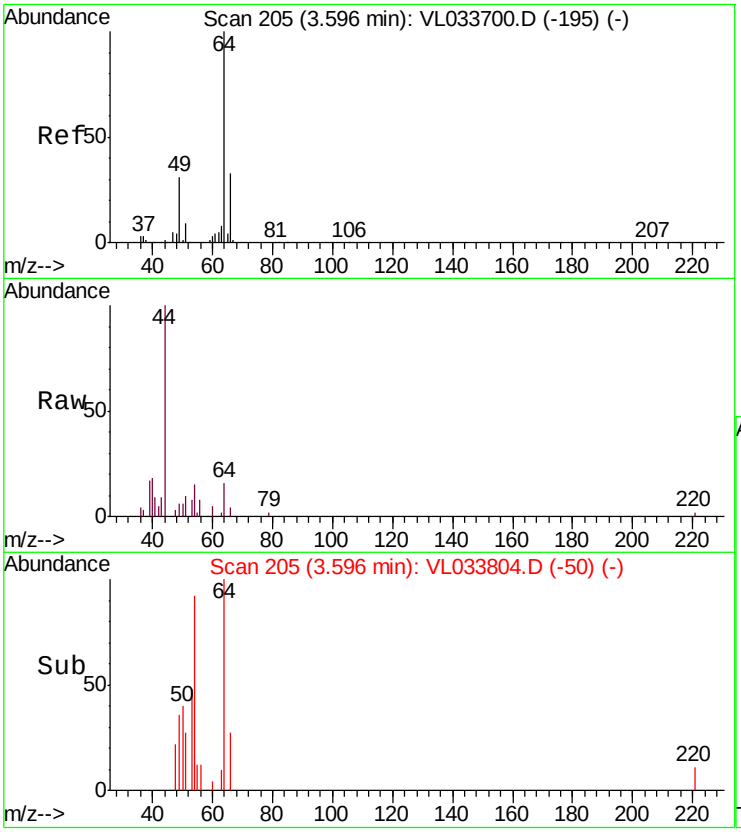


#6
Bromomethane
Concen: 0.020 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 94 Resp: 742

Ion	Ratio	Lower	Upper
94	100		
96	62.1	73.6	110.4#



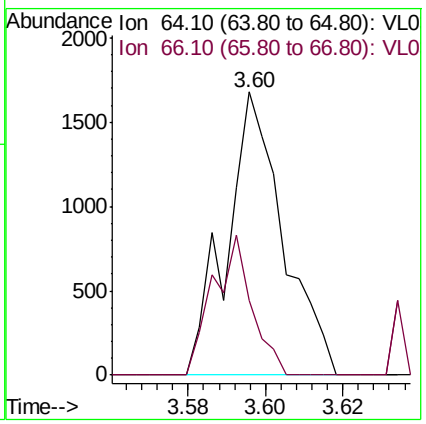


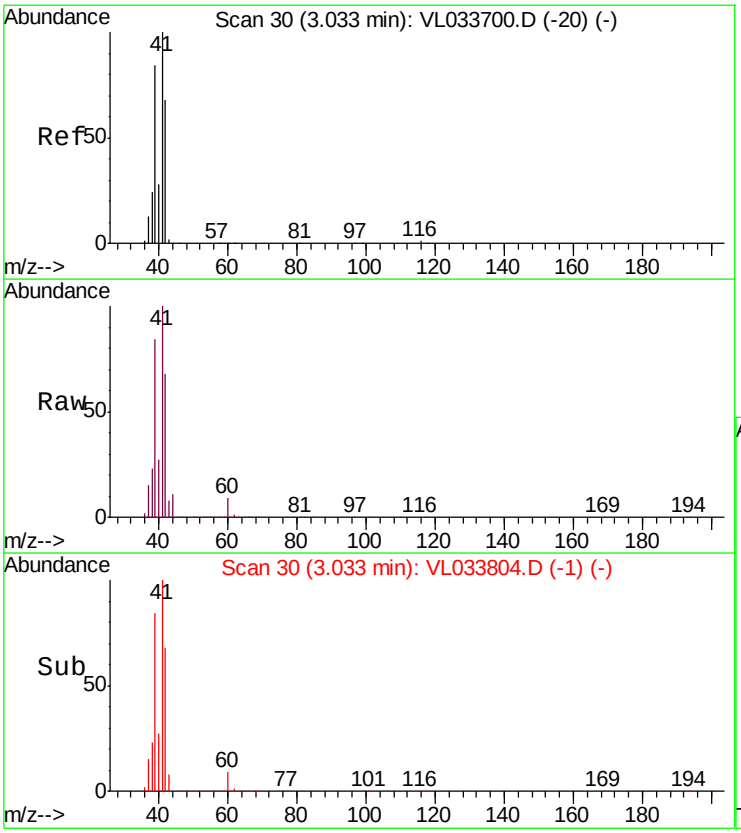
#7
Chloroethane
Concen: 0.078 ppbv
RT: 3.60 min Scan# 205
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 64 Resp: 1700

Ion	Ratio	Lower	Upper
64	100		
66	26.6	26.6	40.0#

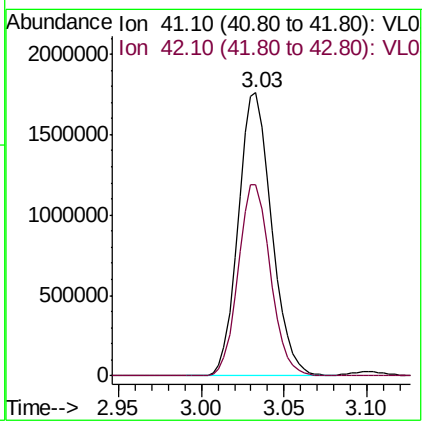


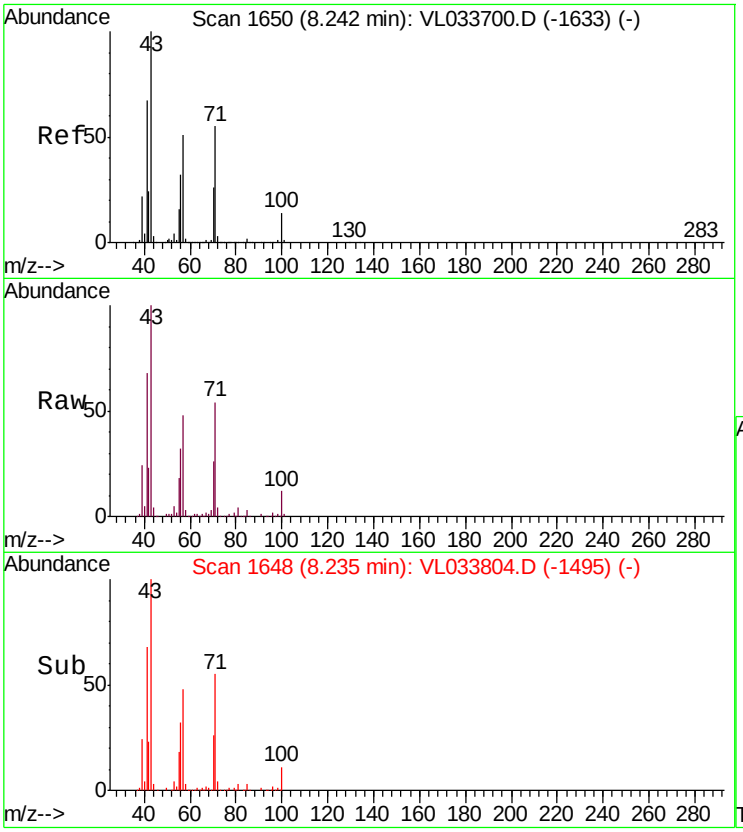


#9
Propene
Concen: 55.098 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 41 Resp: 2463497

Ion	Ratio	Lower	Upper
41	100		
42	65.6	56.1	84.1



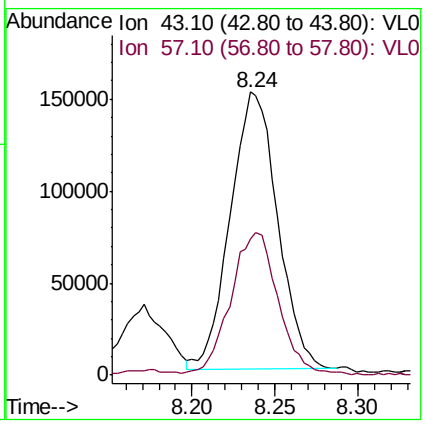


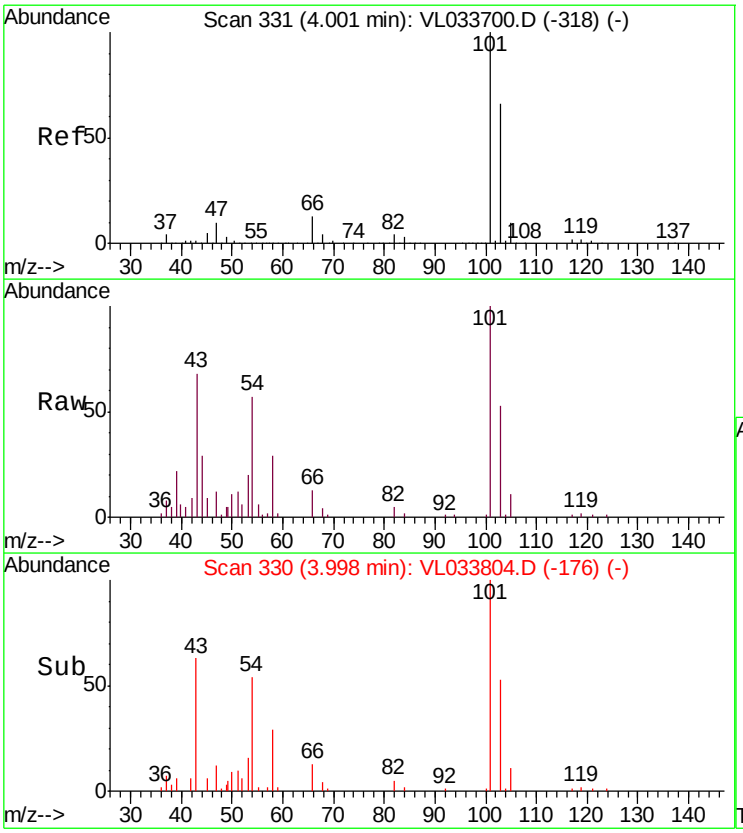
#10
Heptane
Concen: 2.355 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 43 Resp: 298195

Ion	Ratio	Lower	Upper
43	100		
57	52.4	41.4	62.0

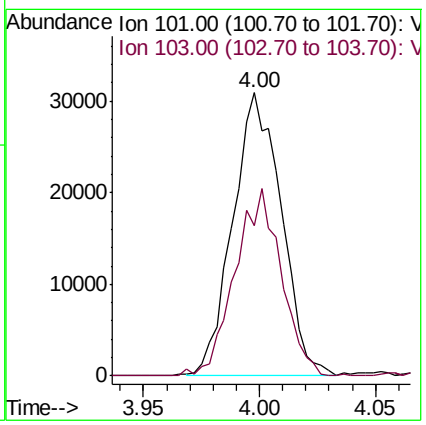


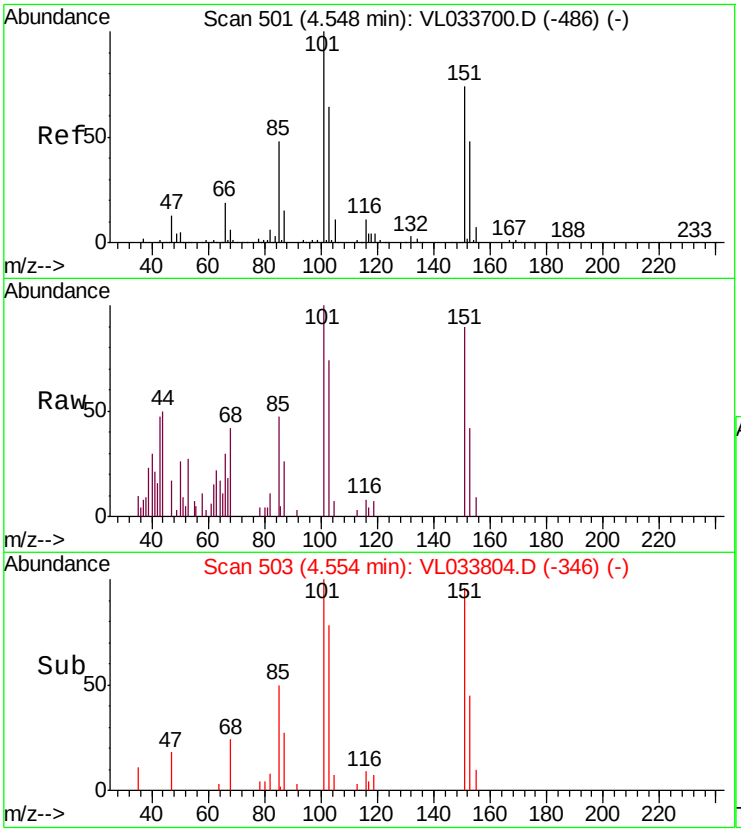


#11
Trichlorofluoromethane
Concen: 0.243 ppbv
RT: 4.00 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:101 Resp: 44778

Ion	Ratio	Lower	Upper
101	100		
103	53.1	52.6	78.8



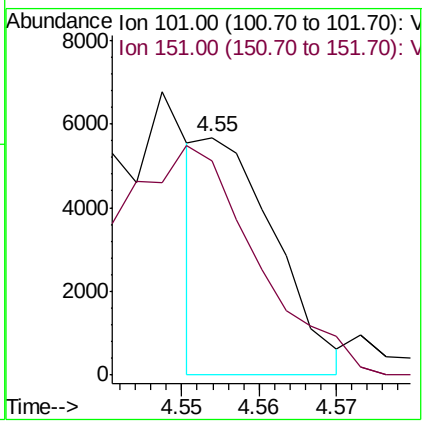


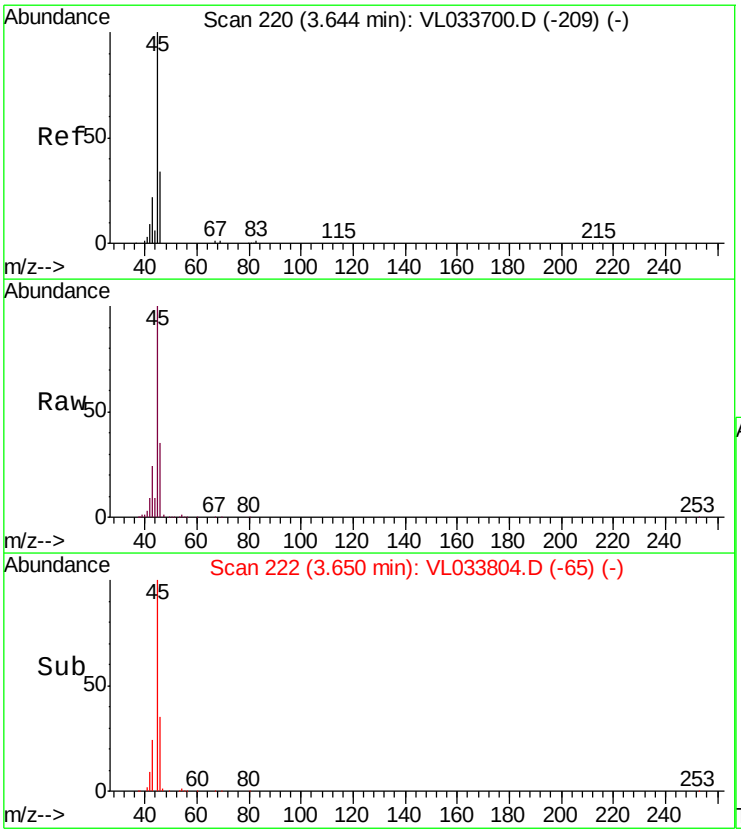
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.029 ppbv
RT: 4.55 min Scan# 503
Delta R.T. 0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion:101 Resp: 3774

Ion	Ratio	Lower	Upper
101	100		
151	211.1	58.2	87.4#

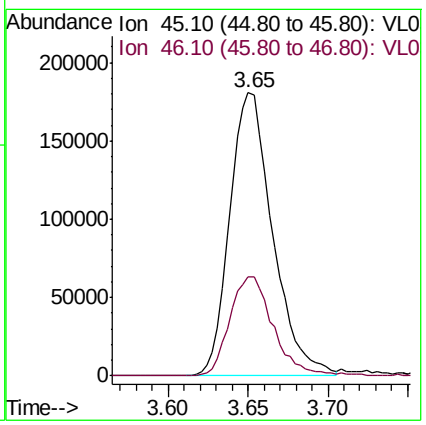


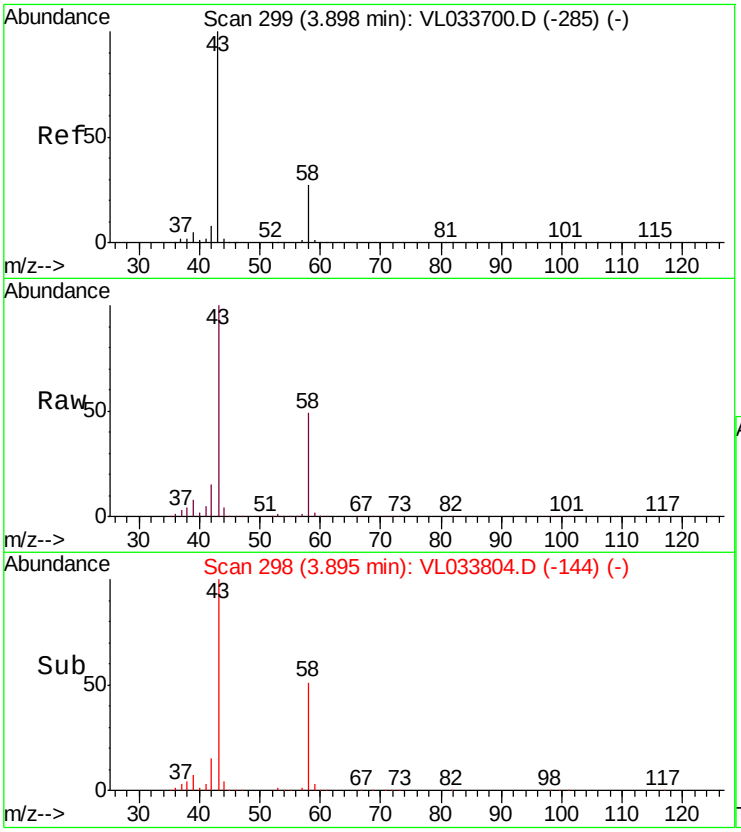


#13
Ethanol
Concen: 22.889 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 45 Resp: 330774

Ion	Ratio	Lower	Upper
45	100		
46	35.9	14.8	59.0



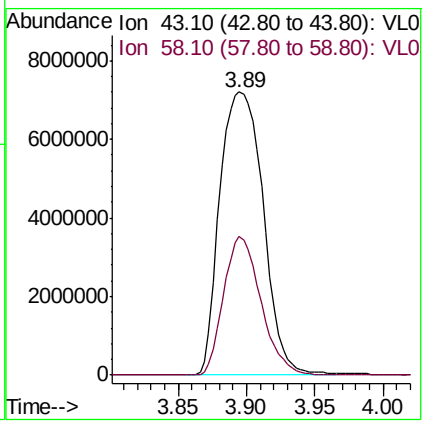


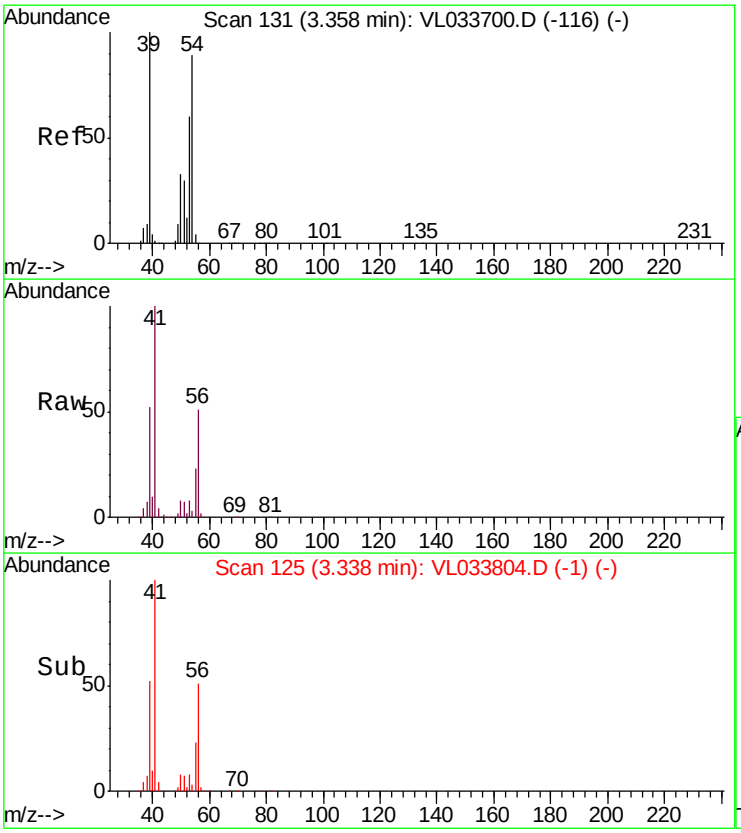
#15
Acetone
Concen: 124.815 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 43 Resp:15892106

Ion	Ratio	Lower	Upper
43	100		
58	42.6	21.3	31.9#

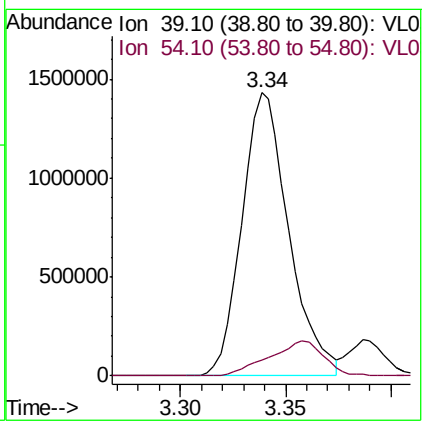


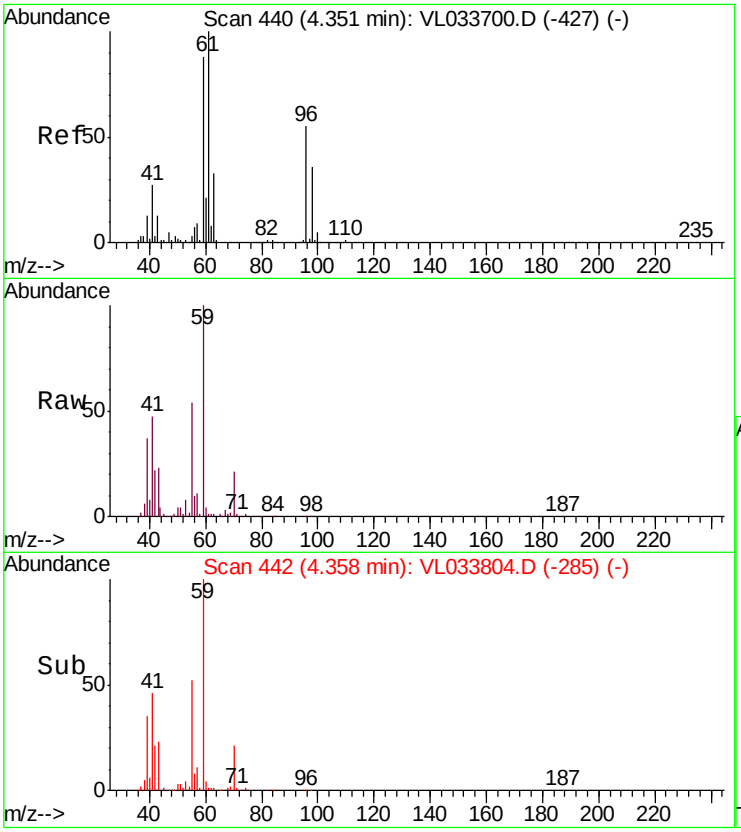


#16
1,3-Butadiene
Concen: 43.590 ppbv
RT: 3.34 min Scan# 125
Delta R.T. -0.02 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 39 Resp: 2210181

Ion	Ratio	Lower	Upper
39	100		
54	14.4	69.0	103.6#



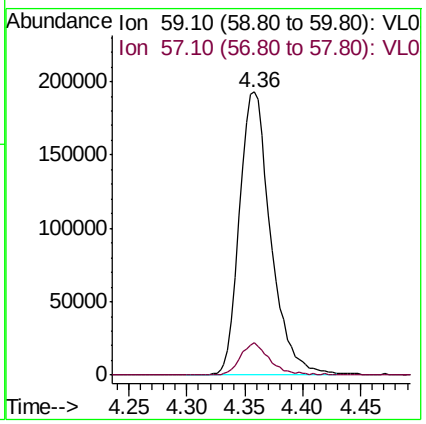


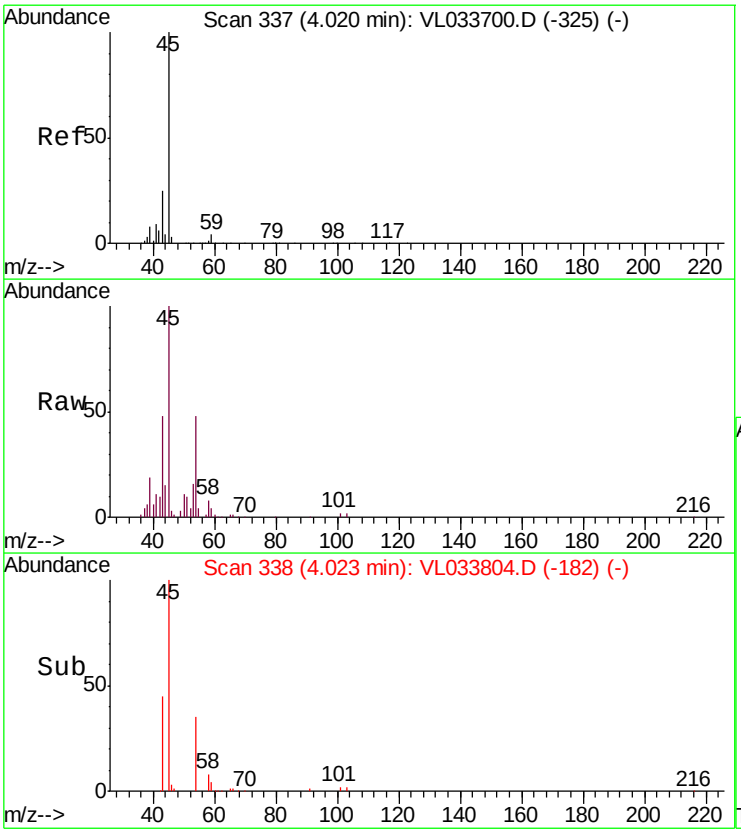
#17
tert-Butyl alcohol
Concen: 3.517 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 59 Resp: 362110

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

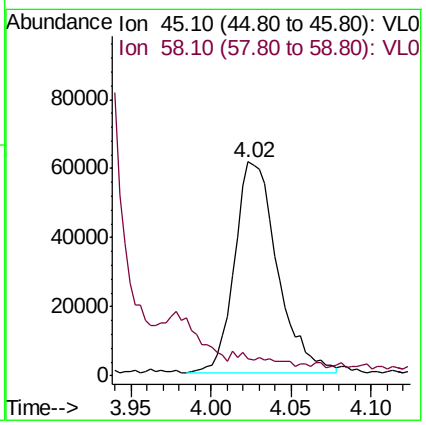


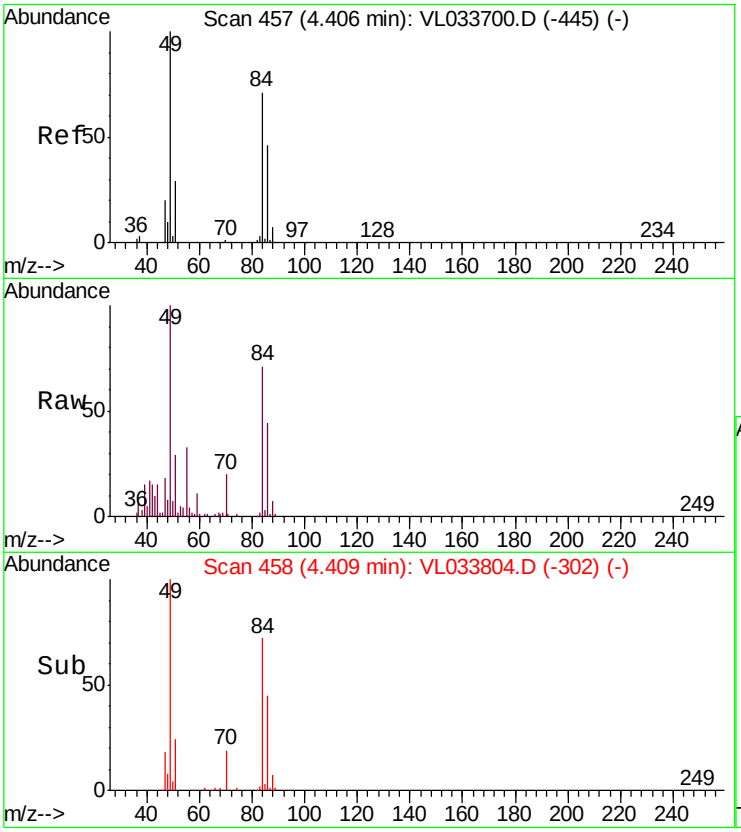


#19
Isopropyl Alcohol
Concen: 1.358 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 45 Resp: 111496

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



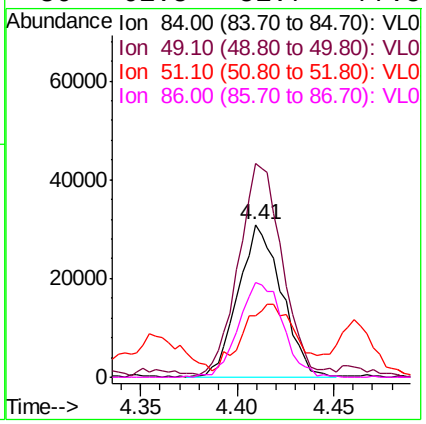


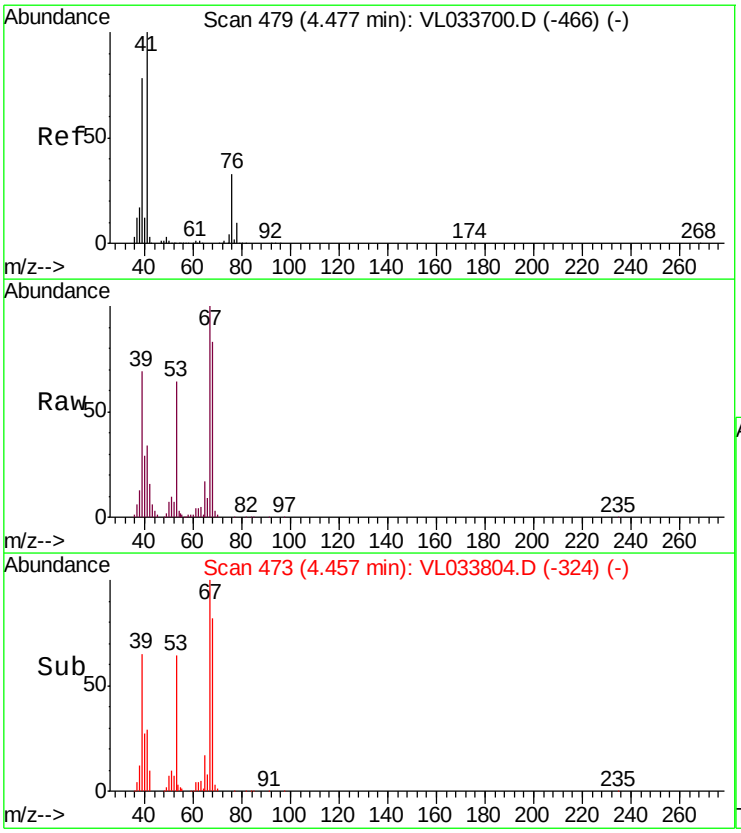
#20
Methylene Chloride
Concen: 0.983 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 84 Resp: 48190

Ion	Ratio	Lower	Upper
84	100		
49	137.6	112.8	169.2
51	24.5	33.4	50.0#
86	61.5	51.7	77.5

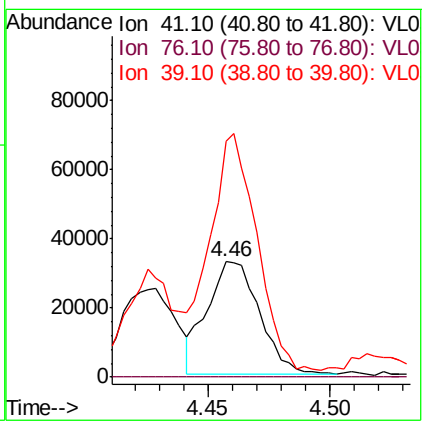


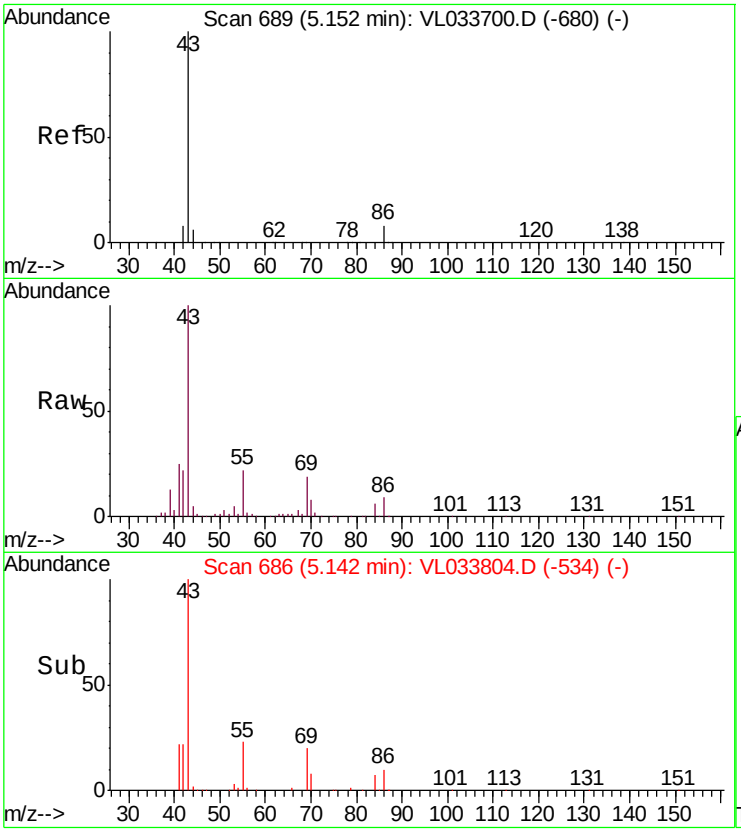


#21
Allyl Chloride
Concen: 0.610 ppbv
RT: 4.46 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 41 Resp: 48417

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	264.6	64.6	97.0#



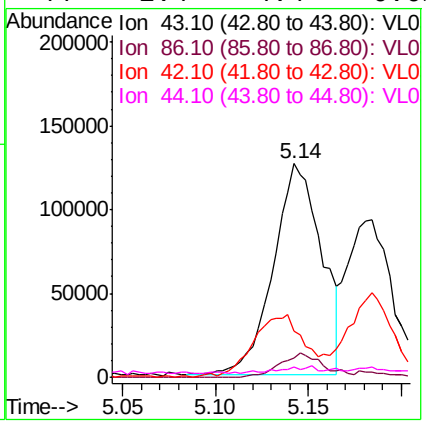


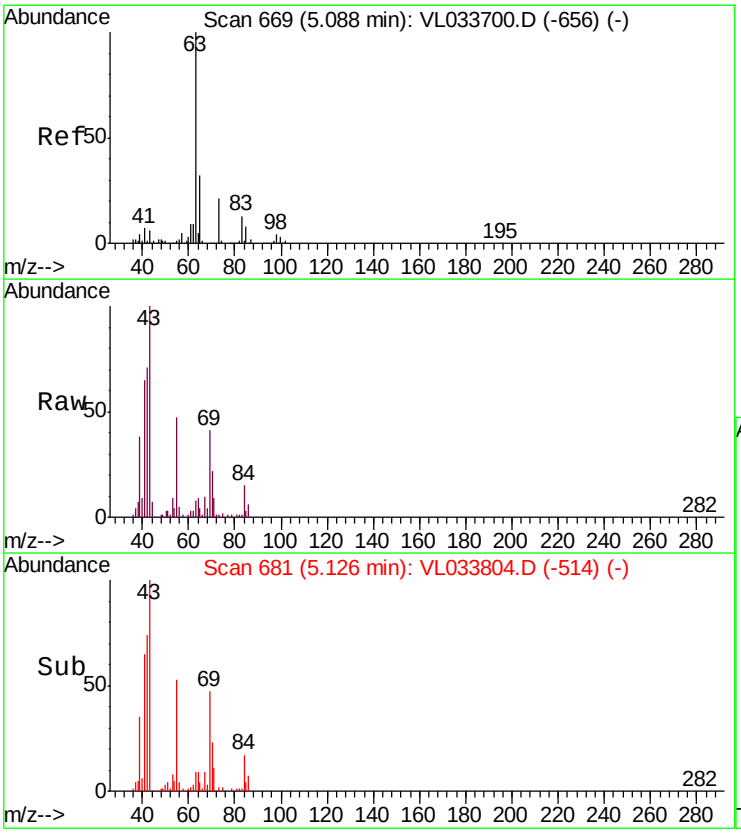
#23
Vinyl Acetate
Concen: 1.358 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 43 Resp: 227958

Ion	Ratio	Lower	Upper
43	100		
86	9.3	6.0	9.0#
42	21.7	7.5	11.3#
44	2.4	4.4	6.6#

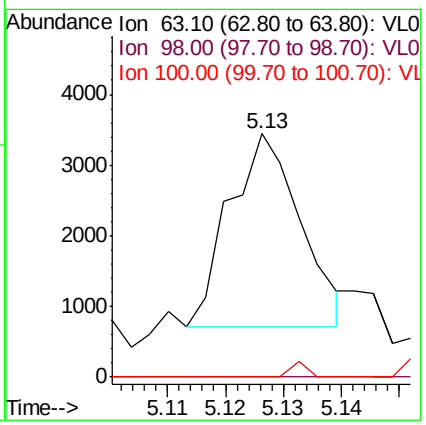


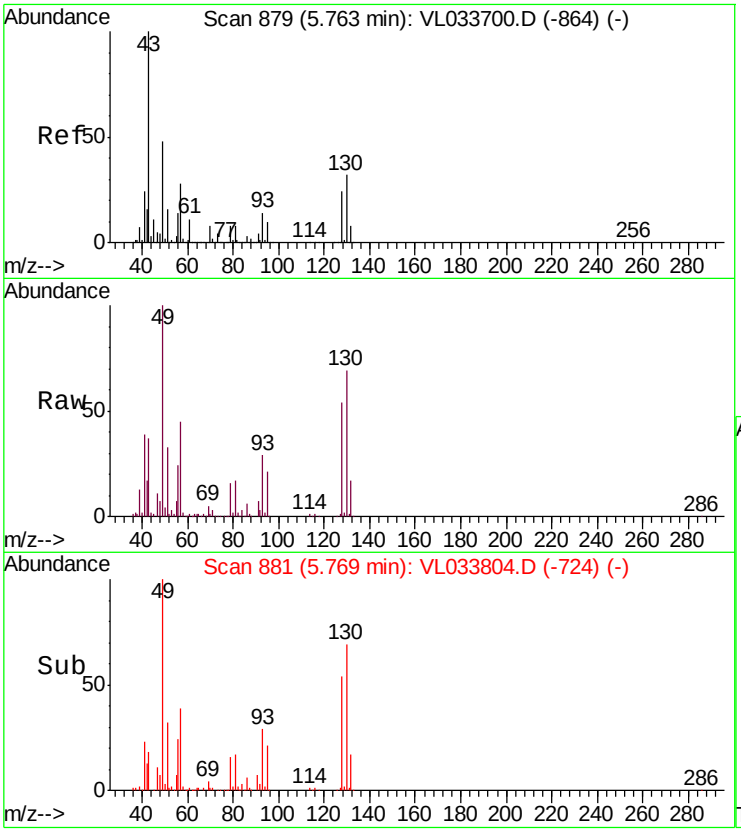


#24
1,1-Dichloroethane
Concen: 0.018 ppbv
RT: 5.13 min Scan# 681
Delta R.T. 0.04 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 63 Resp: 2319

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#



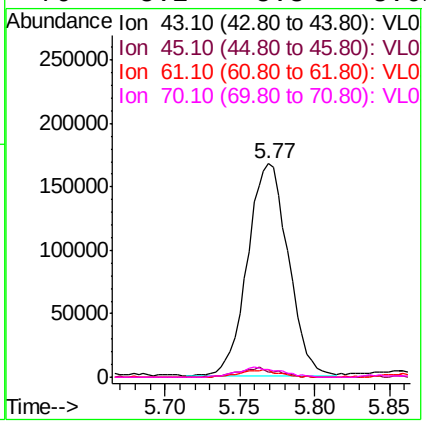


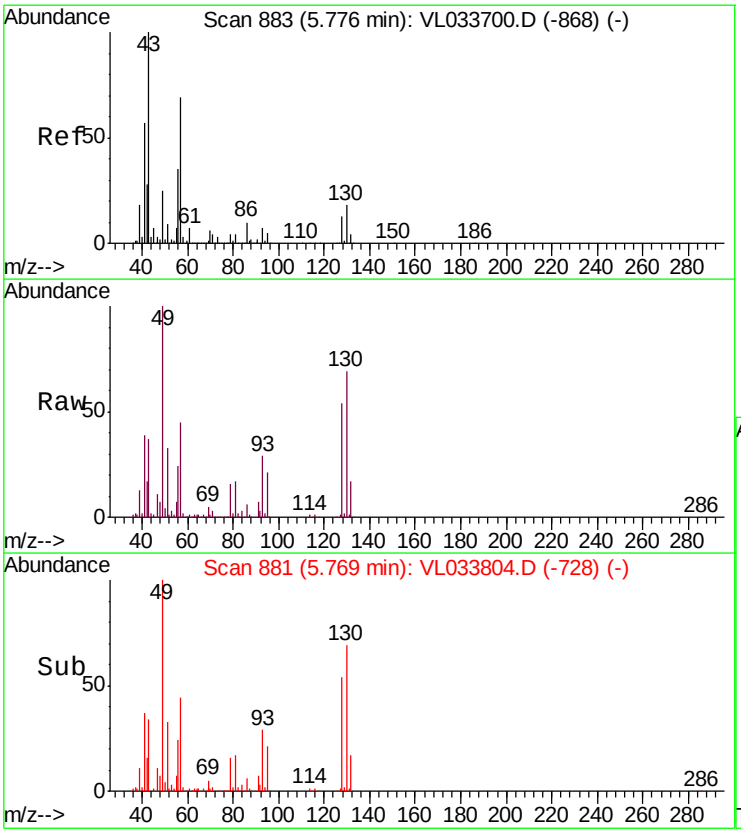
#25
Ethyl Acetate
Concen: 1.423 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 43 Resp: 318282

Ion	Ratio	Lower	Upper
43	100		
45	4.3	7.9	11.9#
61	3.5	7.7	11.5#
70	5.2	5.8	8.6#

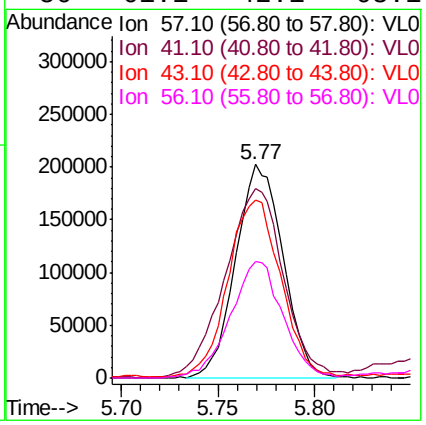


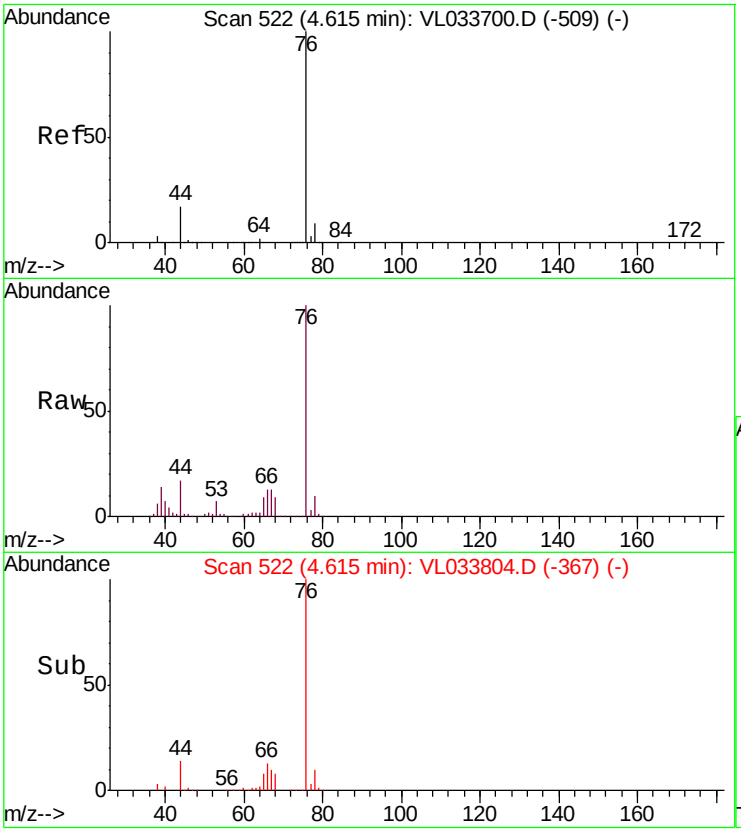


#26
Hexane
Concen: 3.564 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 57 Resp: 342747

Ion	Ratio	Lower	Upper
57	100		
41	109.6	69.8	104.6#
43	93.1	181.8	272.6#
56	61.1	42.1	63.1



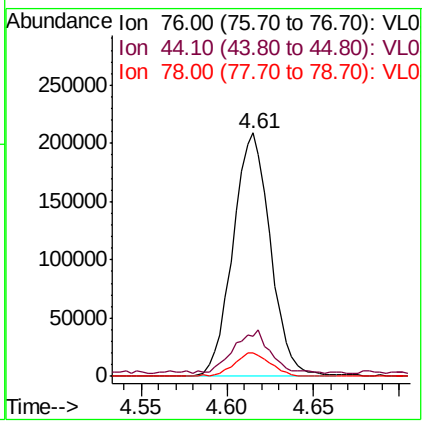


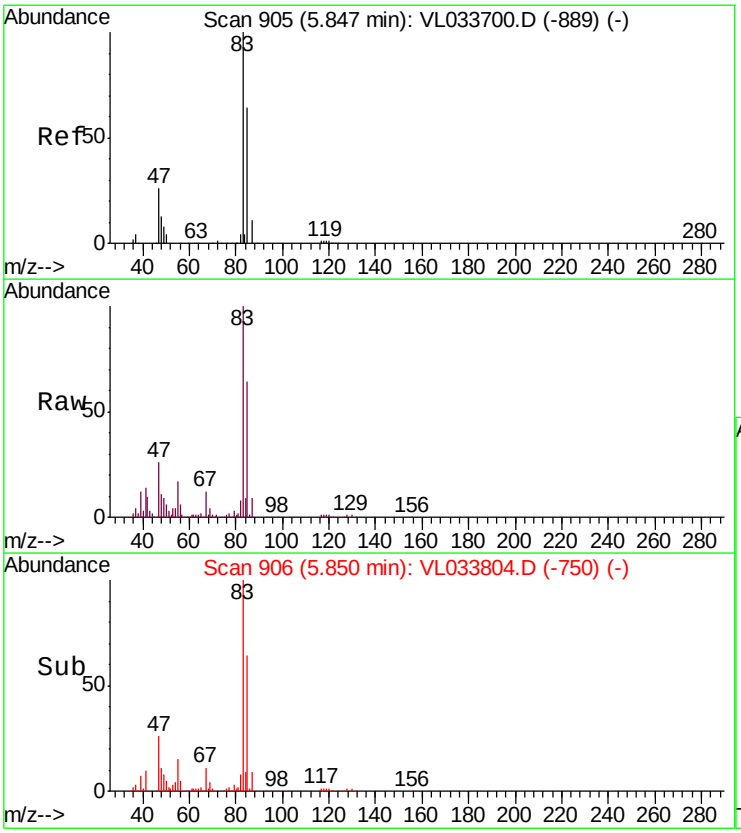
#27
Carbon Disulfide
Concen: 2.393 ppbv
RT: 4.61 min Scan# 522
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 76 Resp: 315691

Ion	Ratio	Lower	Upper
76	100		
44	17.7	13.8	20.8
78	9.6	7.4	11.0

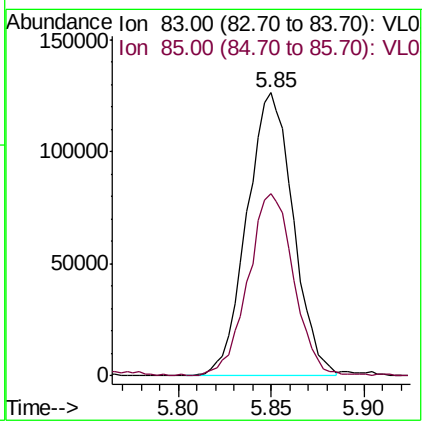


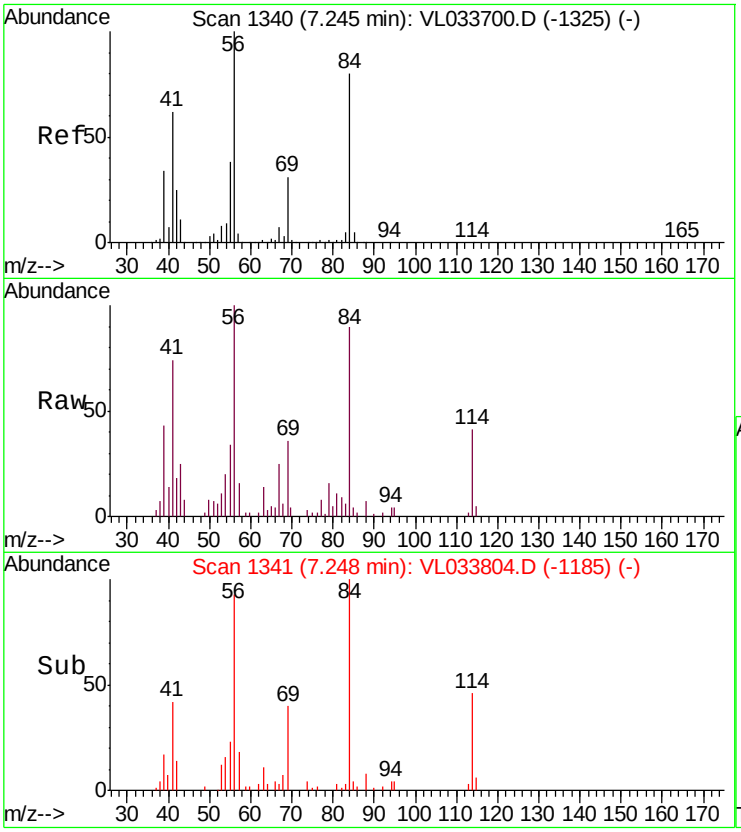


#29
Chloroform
Concen: 1.236 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 83 Resp: 218899

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.5	77.3



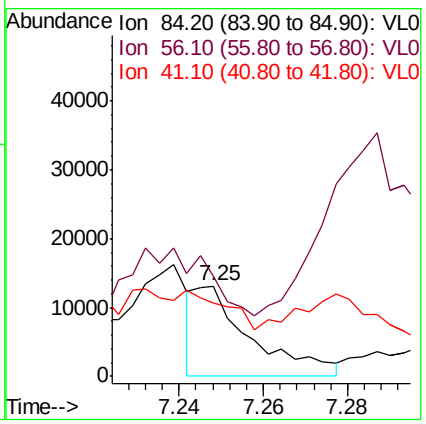


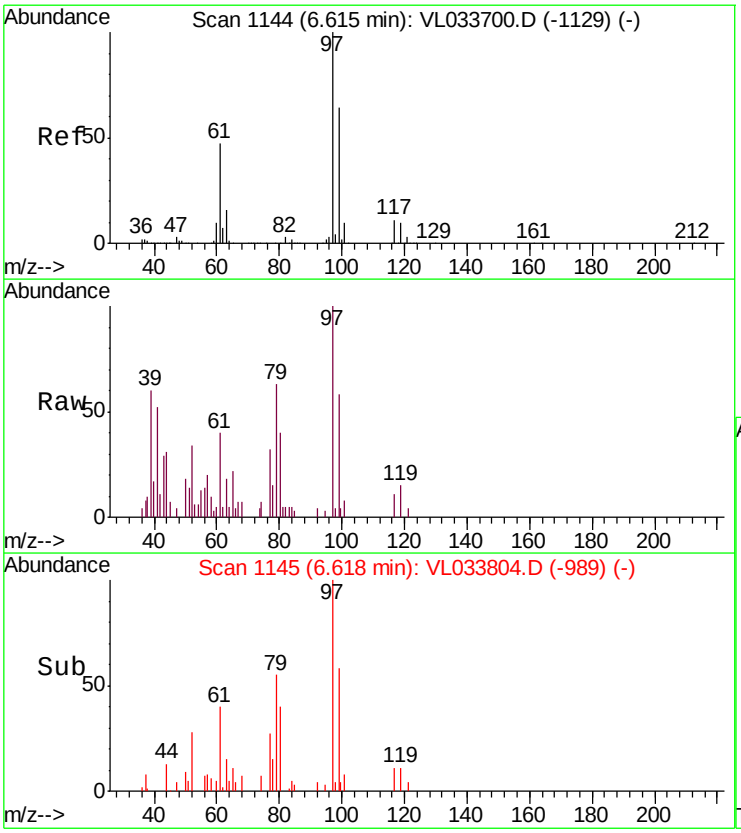
#30
Cyclohexane
Concen: 0.147 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 84 Resp: 11909

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.0	66.0	99.0#

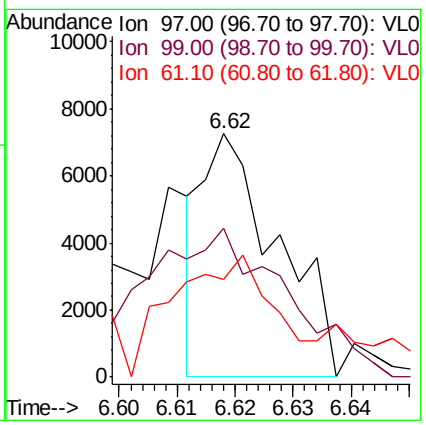


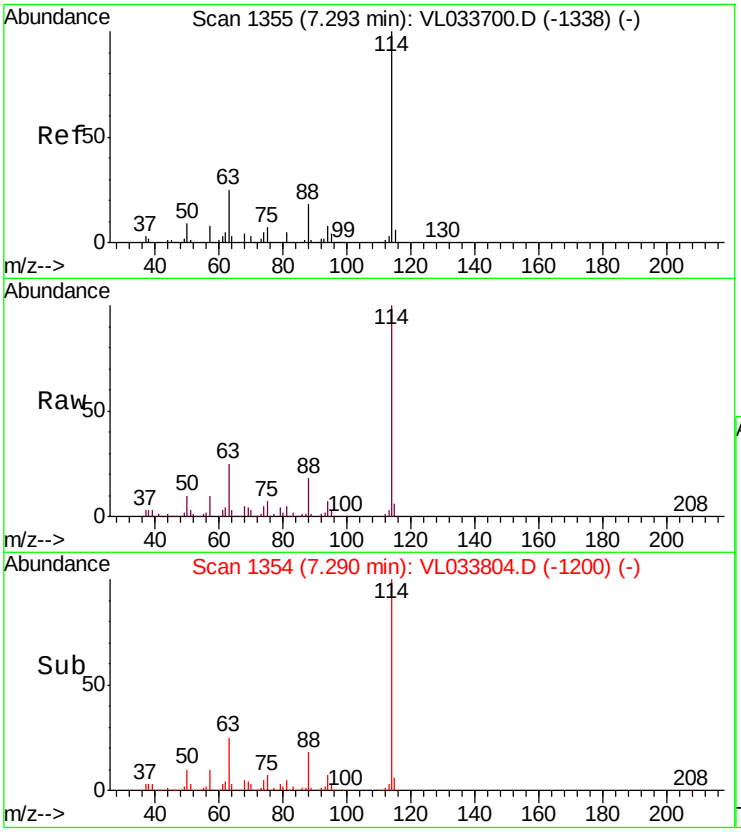


#32
1,1,1-Trichloroethane
Concen: 0.037 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 97 Resp: 6510

Ion	Ratio	Lower	Upper
97	100		
99	126.5	51.5	77.3#
61	116.7	37.8	56.8#



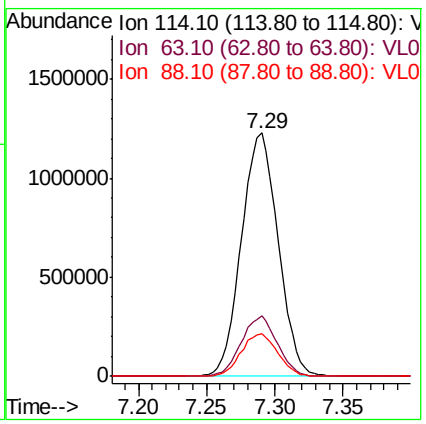


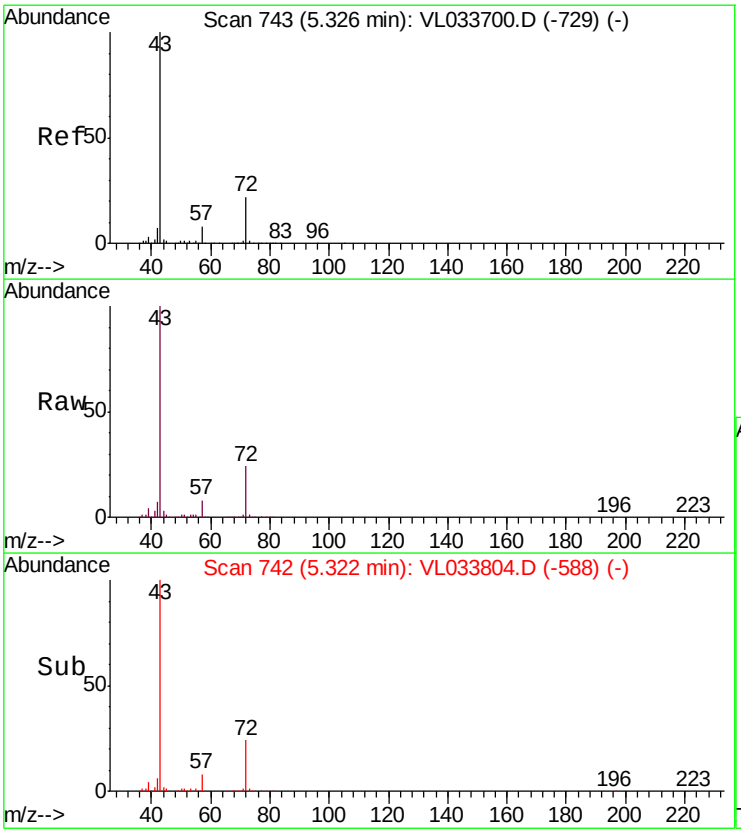
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion:114 Resp: 2298060

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.9	31.3
88	17.6	14.3	21.5

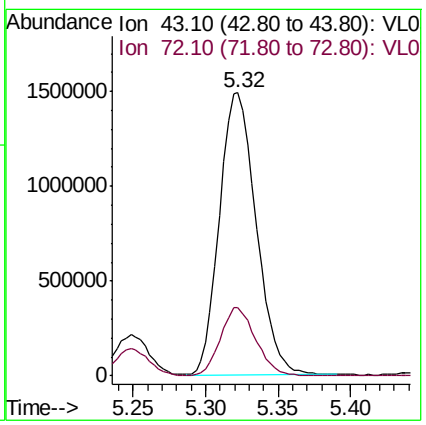


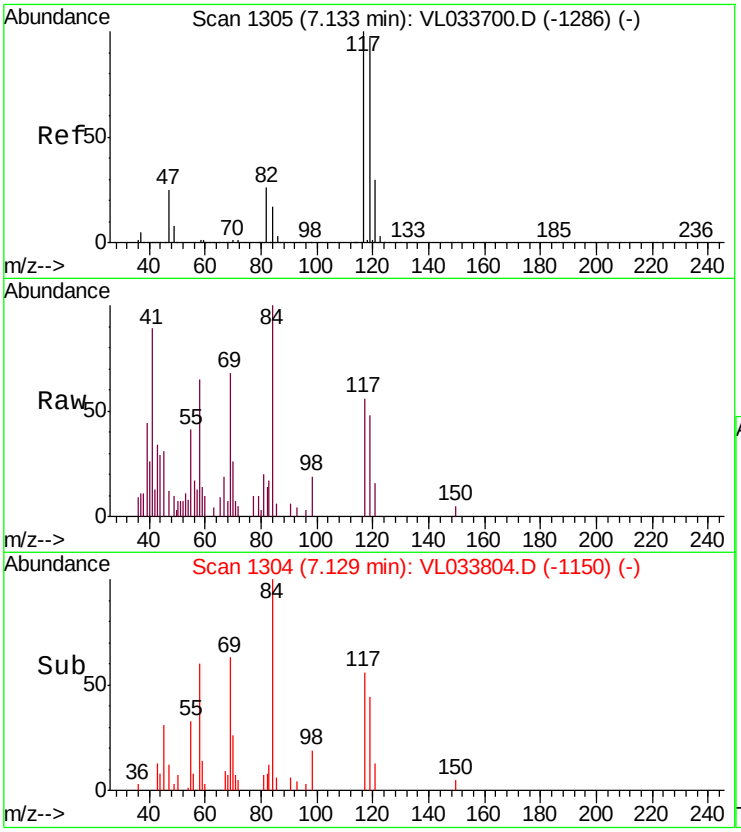


#34
2-Butanone
Concen: 18.331 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 43 Resp: 2611099

Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.8	26.6



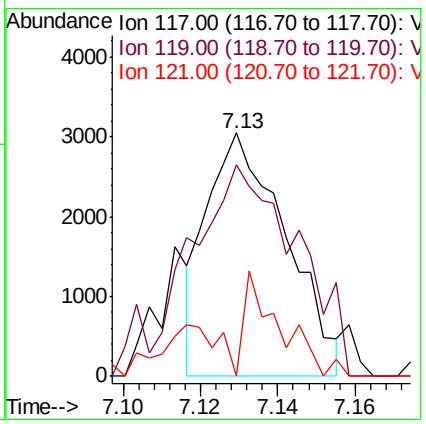


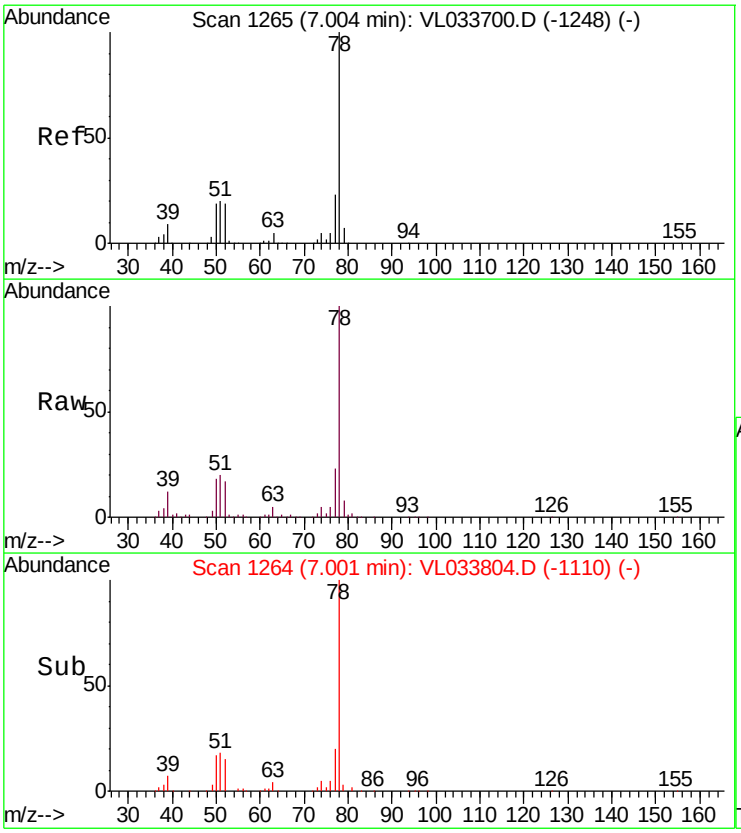
#35
Carbon Tetrachloride
Concen: 0.023 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion:117 Resp: 4324

Ion	Ratio	Lower	Upper
117	100		
119	56.7	77.2	115.8#
121	0.0	24.1	36.1#

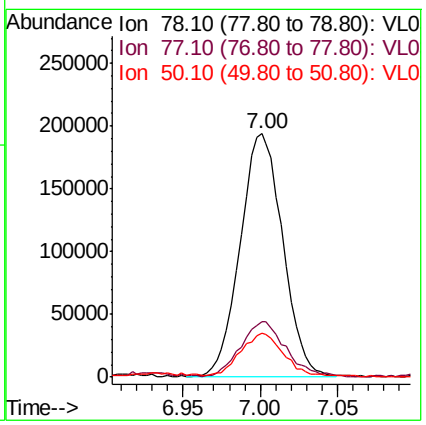


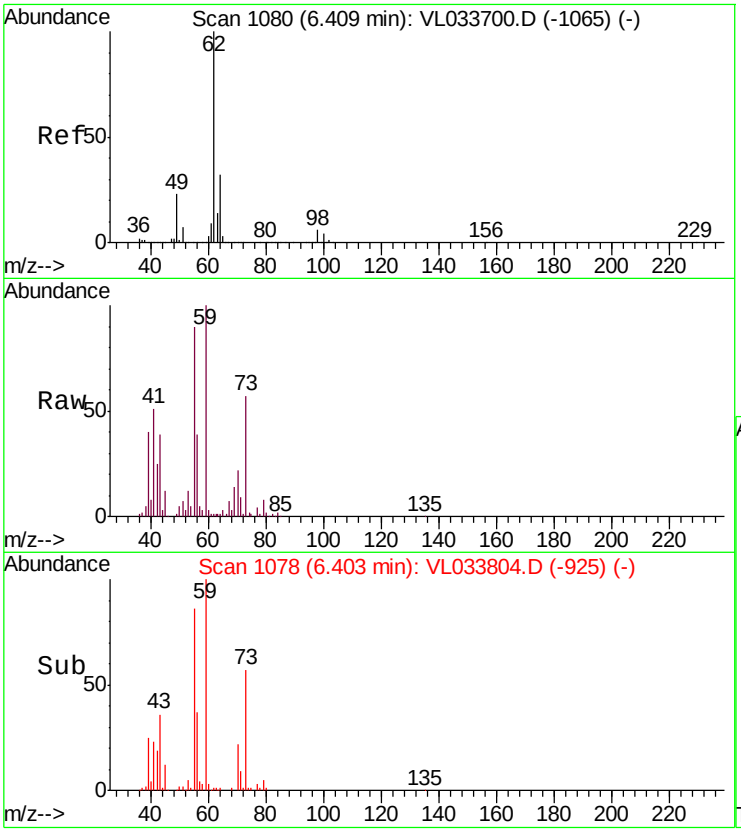


#36
Benzene
Concen: 1.759 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 78 Resp: 367733

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.4	27.6
50	17.6	15.5	23.3



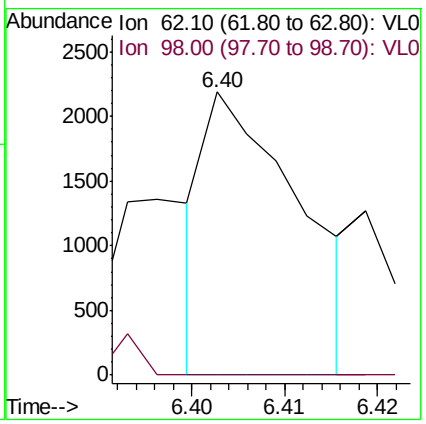


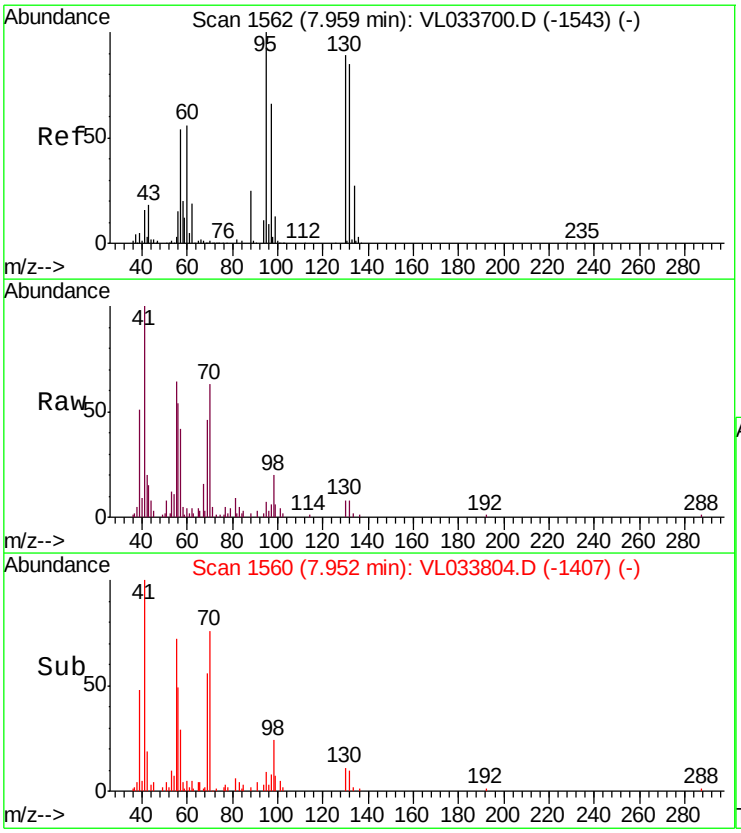
#37
1,2-Dichloroethane
Concen: 0.011 ppbv
RT: 6.40 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 62 Resp: 1545

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#

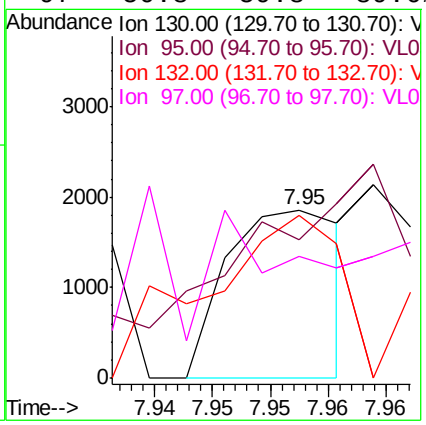


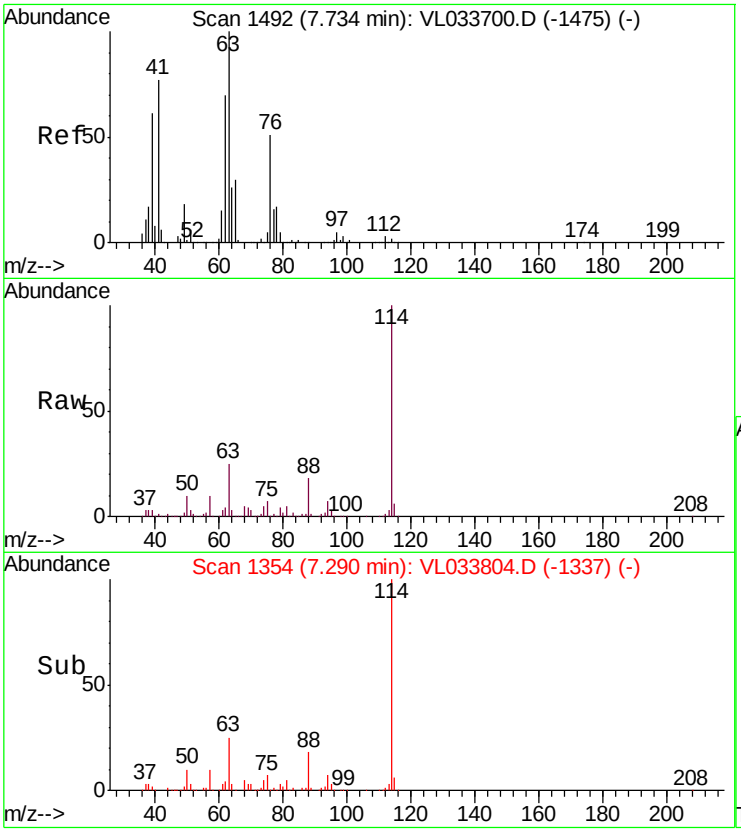


#38
Trichloroethene
Concen: 0.017 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:130 Resp: 1288

Ion	Ratio	Lower	Upper
130	100		
95	30.1	90.2	135.4#
132	53.0	76.4	114.6#
97	50.8	59.8	89.6#



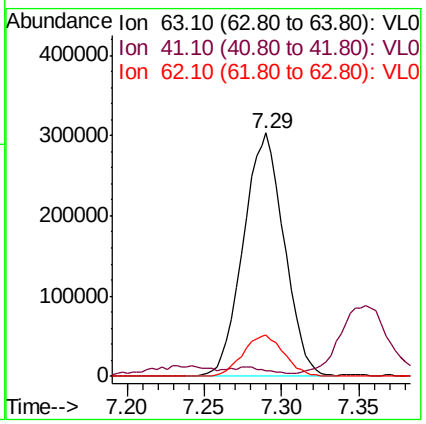


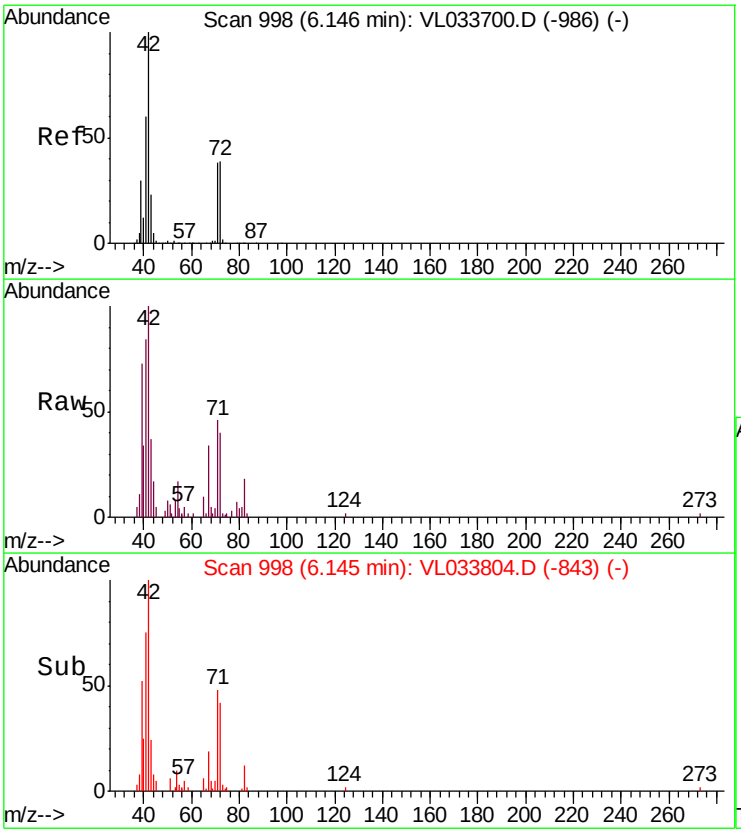
#39
1,2-Dichloropropane
Concen: 7.131 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.44 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 63 Resp: 555796

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	17.2	56.2	84.4#

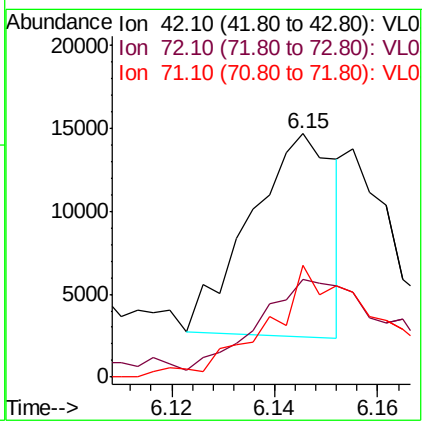


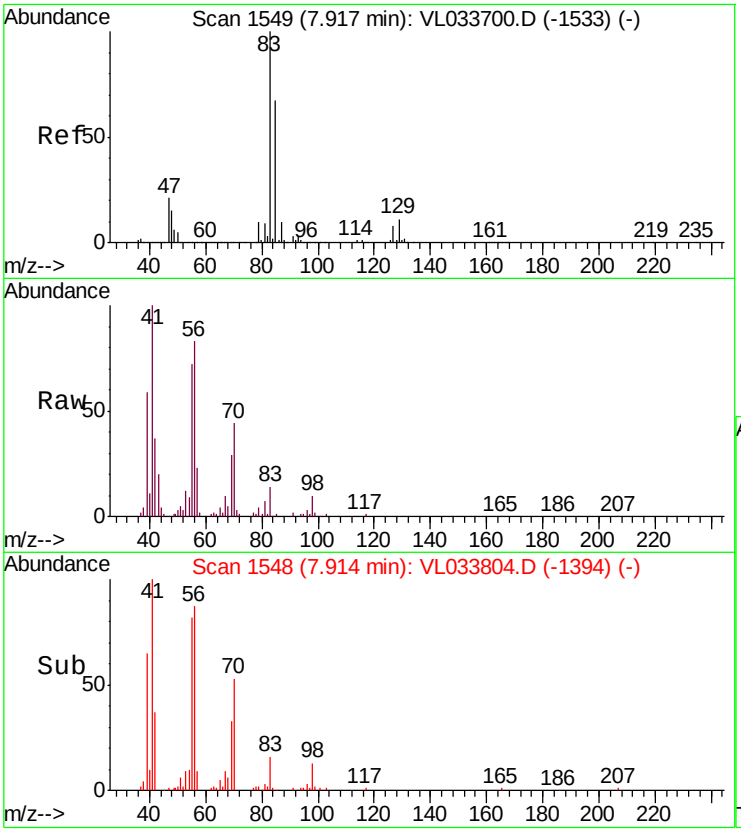


#41
Tetrahydrofuran
Concen: 0.173 ppbv
RT: 6.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 42 Resp: 13845

Ion	Ratio	Lower	Upper
42	100		
72	91.4	32.0	48.0#
71	76.3	30.4	45.6#



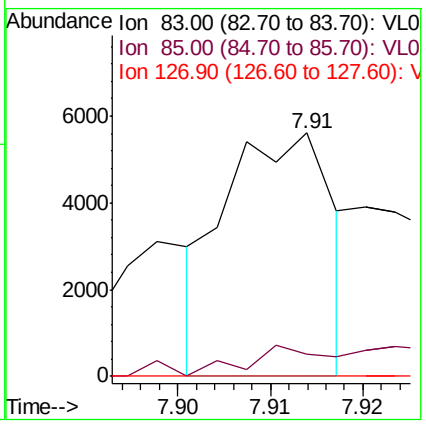


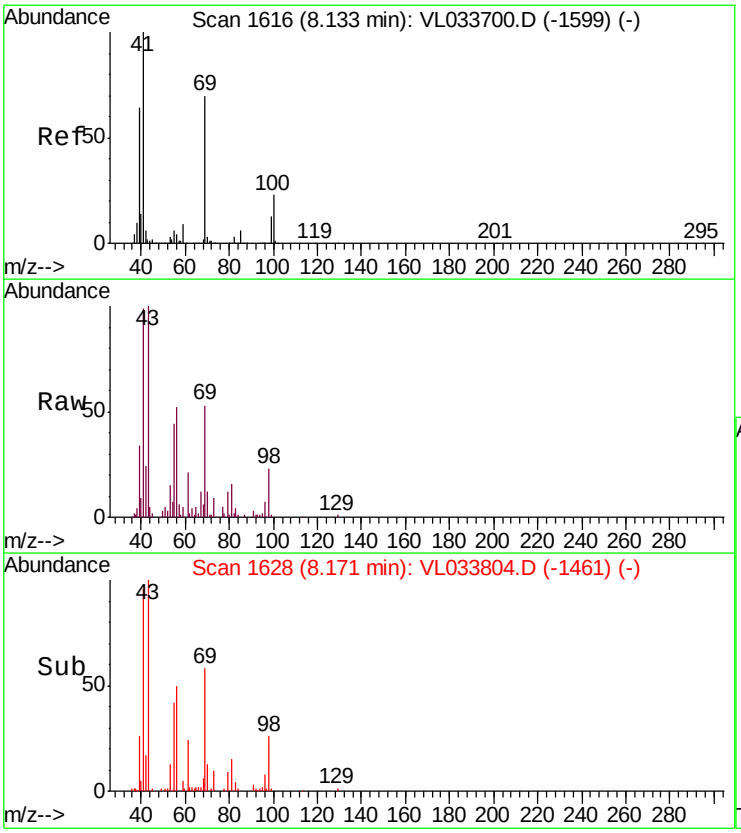
#42
Bromodichloromethane
Concen: 0.024 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 83 Resp: 4482

Ion	Ratio	Lower	Upper
83	100		
85	19.4	53.3	79.9#
127	0.0	6.5	9.7#

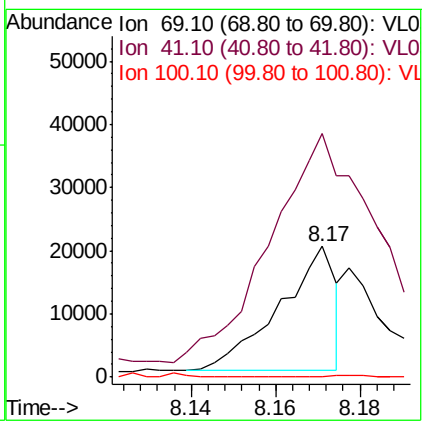


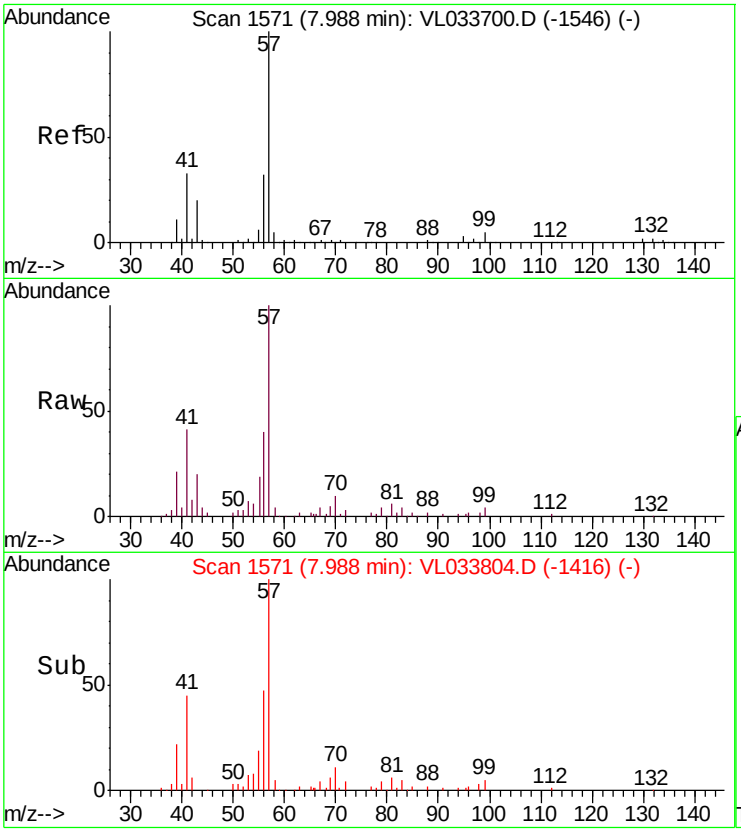


#43
Methyl Methacrylate
Concen: 0.234 ppbv
RT: 8.17 min Scan# 1628
Delta R.T. 0.04 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 69 Resp: 18017

Ion	Ratio	Lower	Upper
69	100		
41	366.8	116.3	174.5#
100	0.0	25.3	37.9#



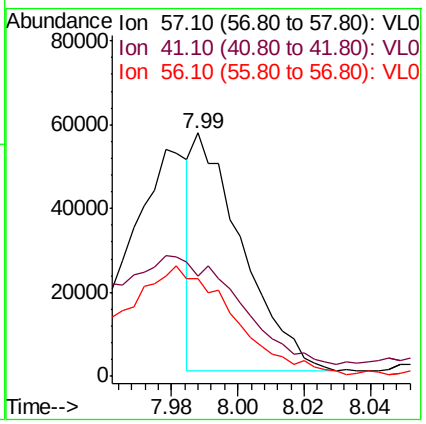


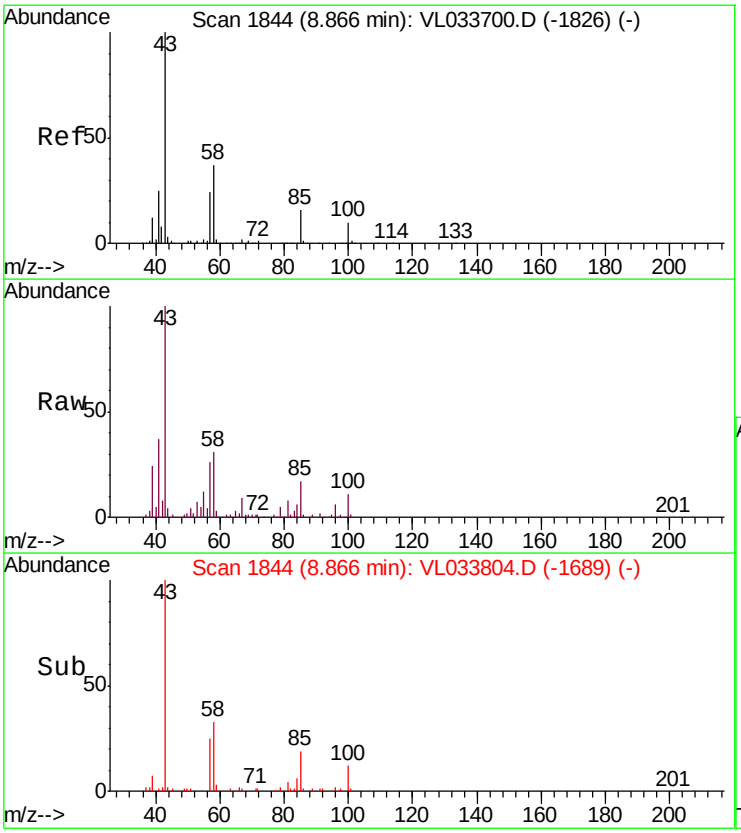
#44
2,2,4-Trimethylpentane
Concen: 0.164 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 57 Resp: 58102

Ion	Ratio	Lower	Upper
57	100		
41	0.0	25.4	38.0#
56	0.0	24.7	37.1#

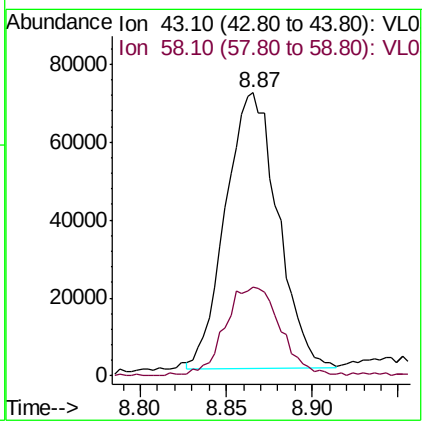


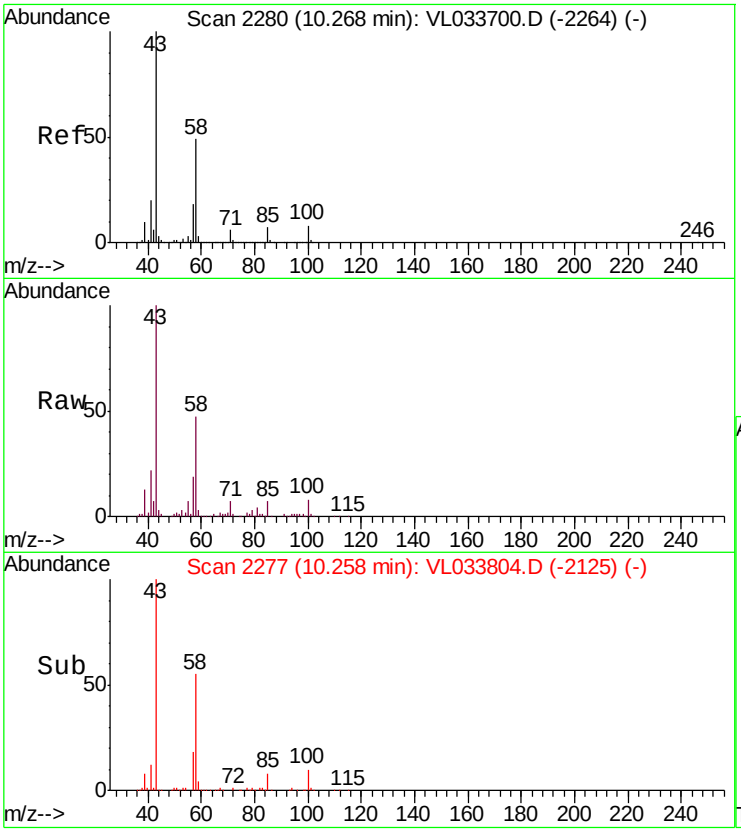


#50
4-Methyl-2-Pentanone
Concen: 0.682 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 43 Resp: 149377

Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.6	43.0



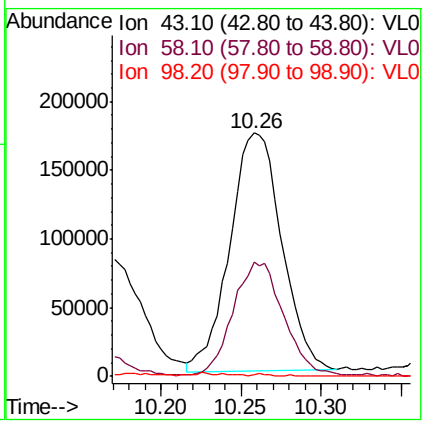


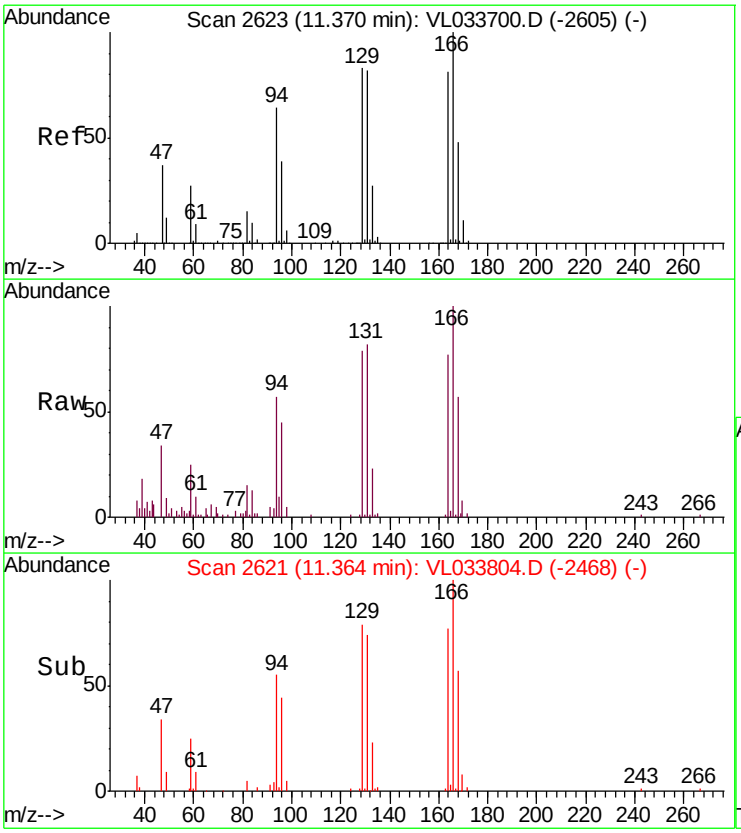
#51
2-Hexanone
Concen: 2.251 ppbv
RT: 10.26 min Scan# 2277
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 43 Resp: 384851

Ion	Ratio	Lower	Upper
43	100		
58	47.3	38.7	58.1
98	1.7	0.2	0.4#

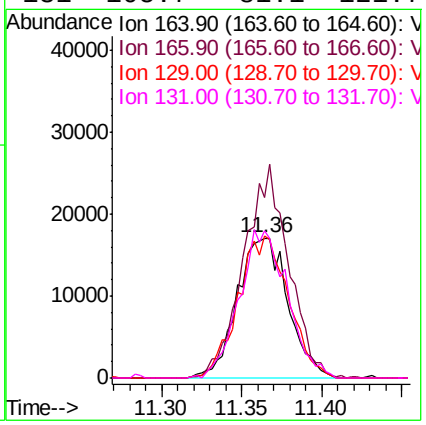


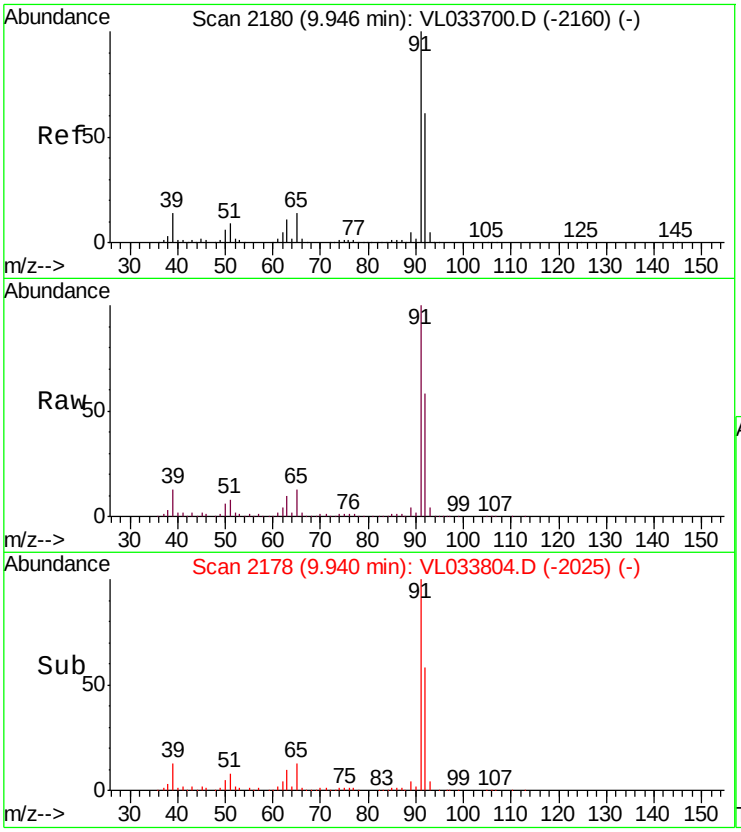


#52
Tetrachloroethene
Concen: 0.505 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:164 Resp: 37126

Ion	Ratio	Lower	Upper
164	100		
166	129.1	98.9	148.3
129	101.6	81.8	122.6
131	105.7	81.1	121.7



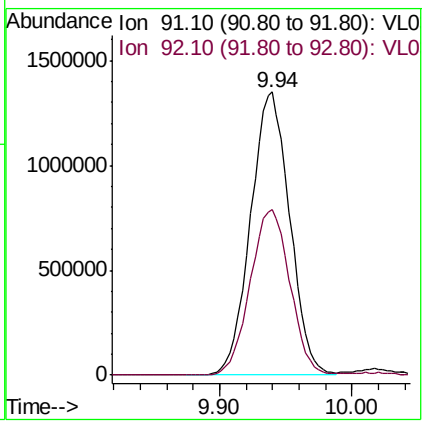


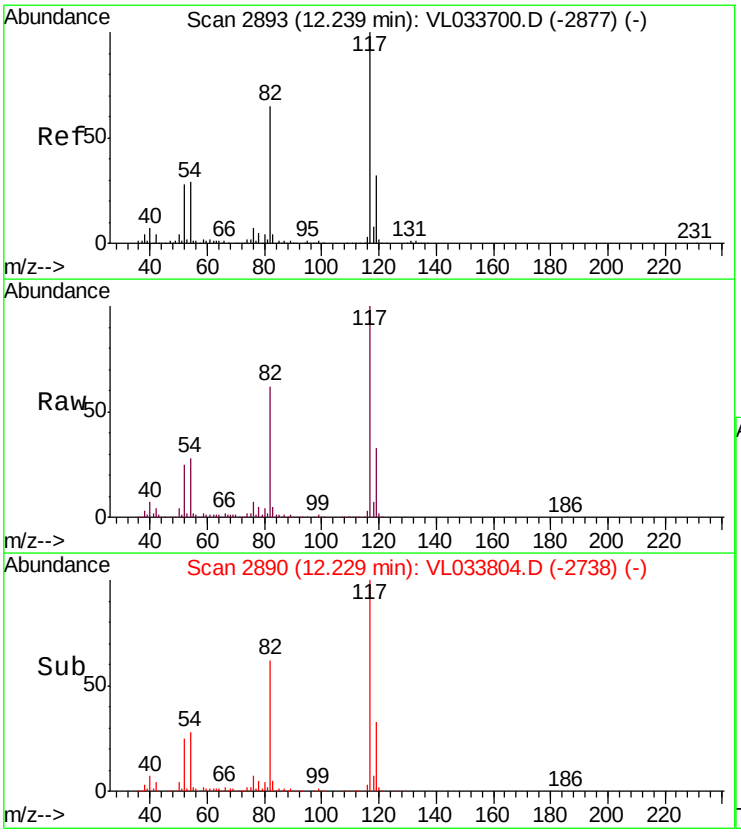
#53
Toluene
Concen: 12.263 ppbv
RT: 9.94 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 91 Resp: 2765061

Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.6	71.4

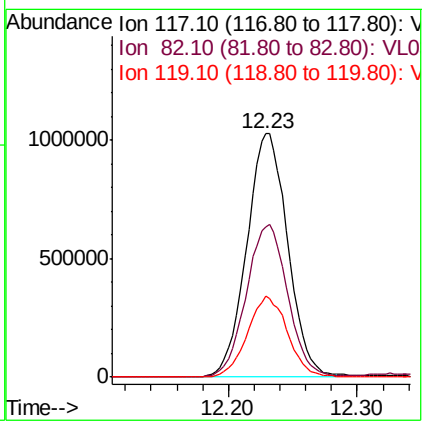


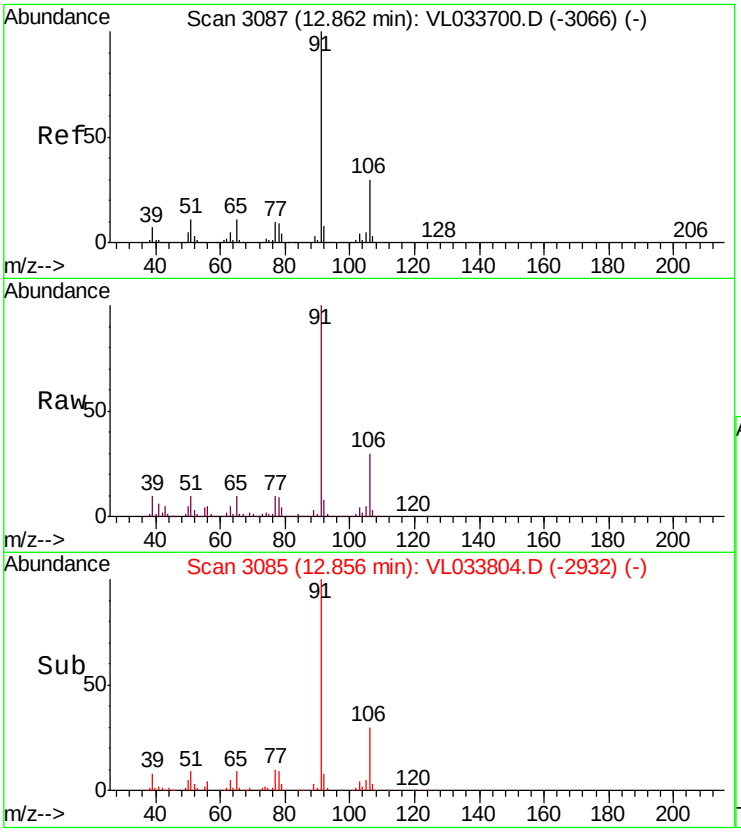


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:117 Resp: 2271702

Ion	Ratio	Lower	Upper
117	100		
82	63.5	49.4	74.0
119	32.7	24.9	37.3



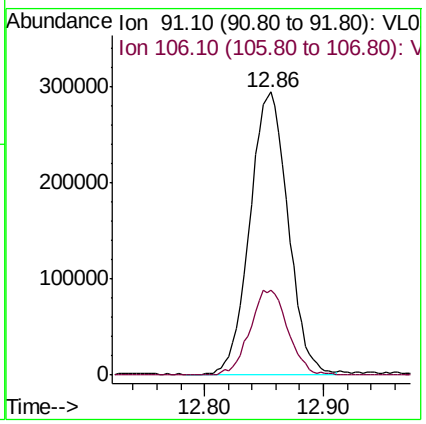


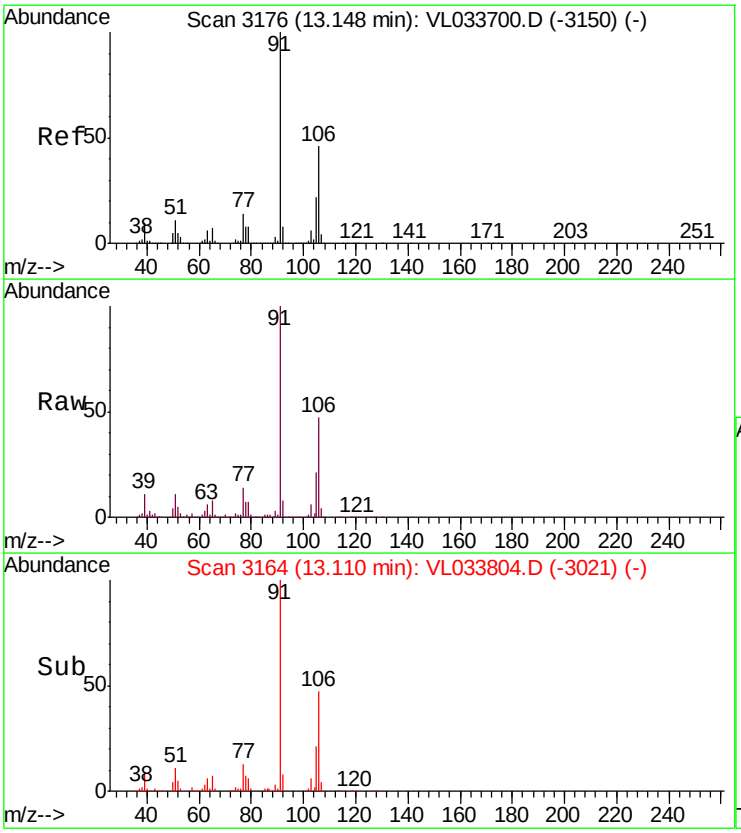
#58
Ethyl Benzene
Concen: 2.174 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 91 Resp: 654041

Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.9	35.9

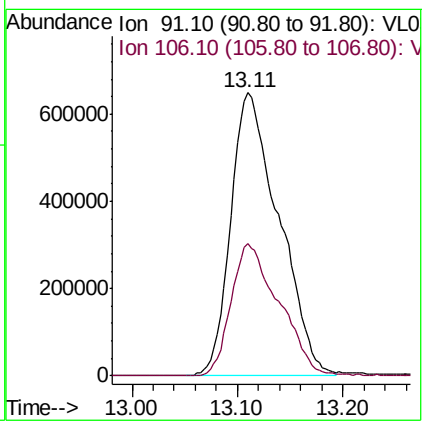


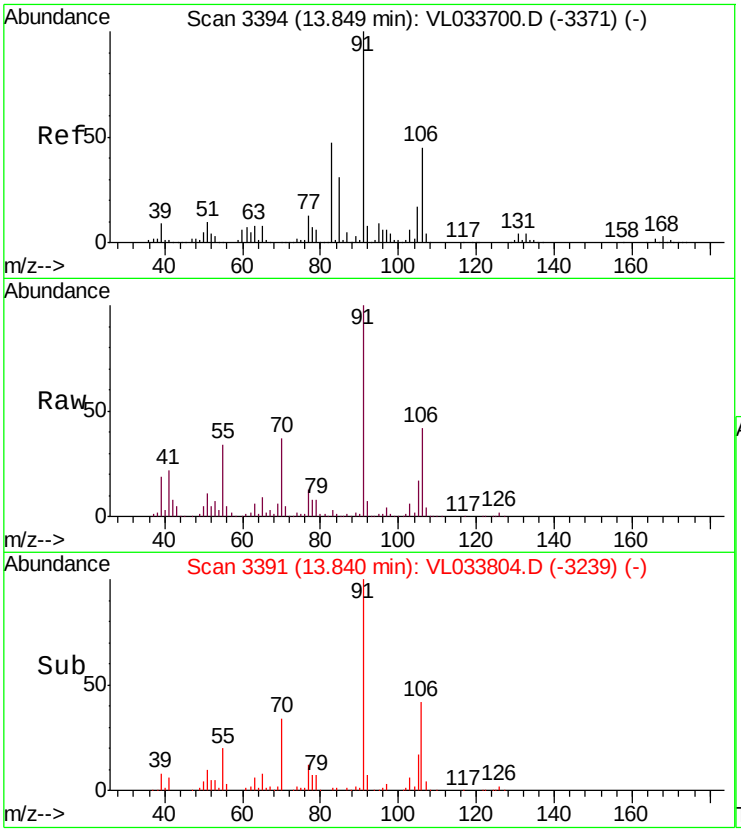


#59
m/p-Xylene
Concen: 7.781 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 91 Resp: 2046152

Ion	Ratio	Lower	Upper
91	100		
106	47.0	35.8	53.6



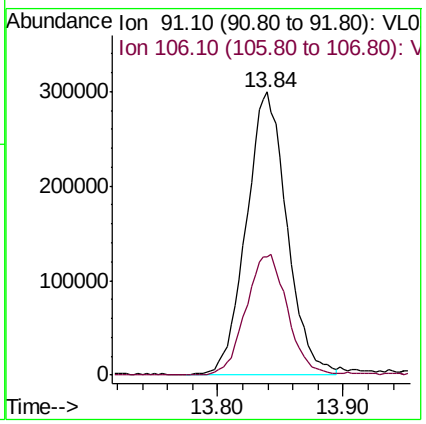


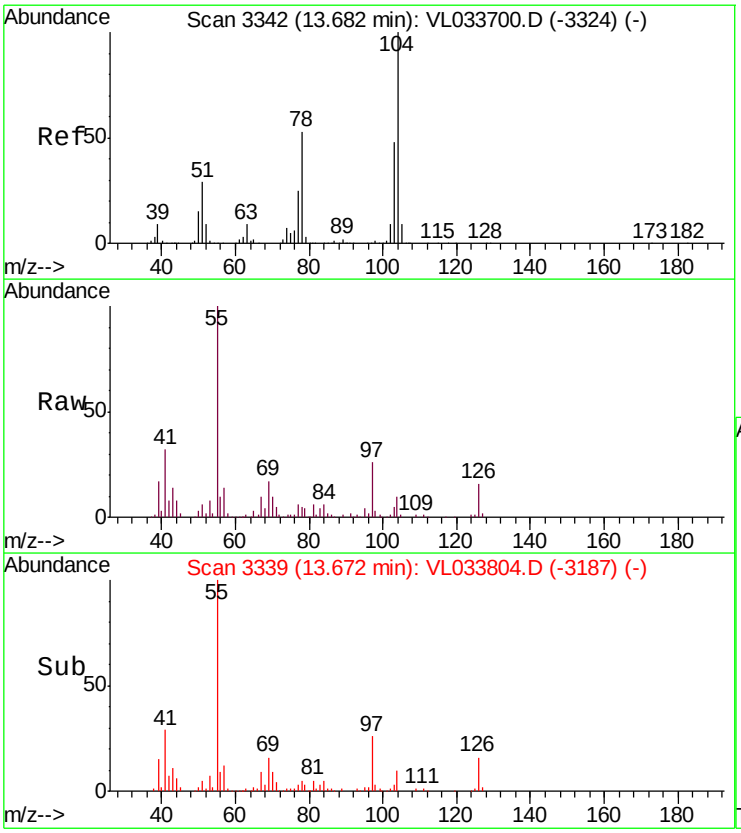
#60
o-Xylene
Concen: 2.536 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion: 91 Resp: 672236

Ion	Ratio	Lower	Upper
91	100		
106	44.6	21.6	64.8

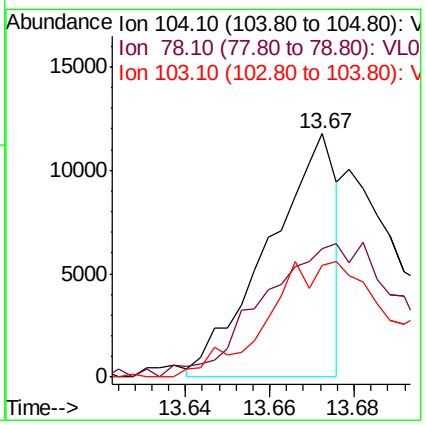


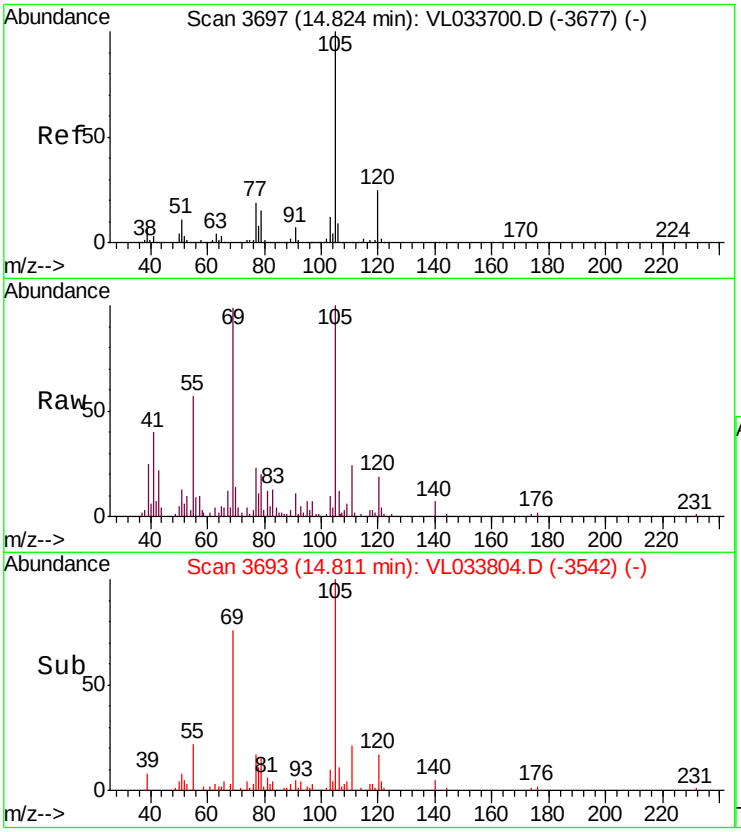


#61
Styrene
Concen: 0.074 ppbv
RT: 13.67 min Scan# 3339
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:104 Resp: 13234

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.6	64.0#
103	92.4	37.8	56.6#



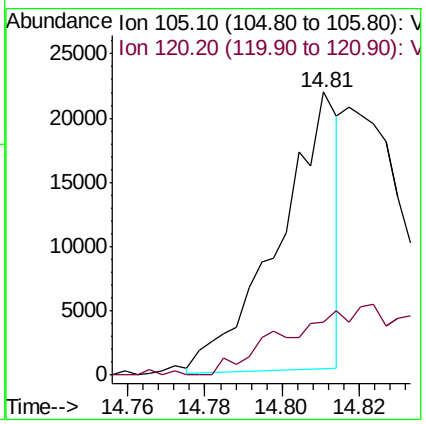


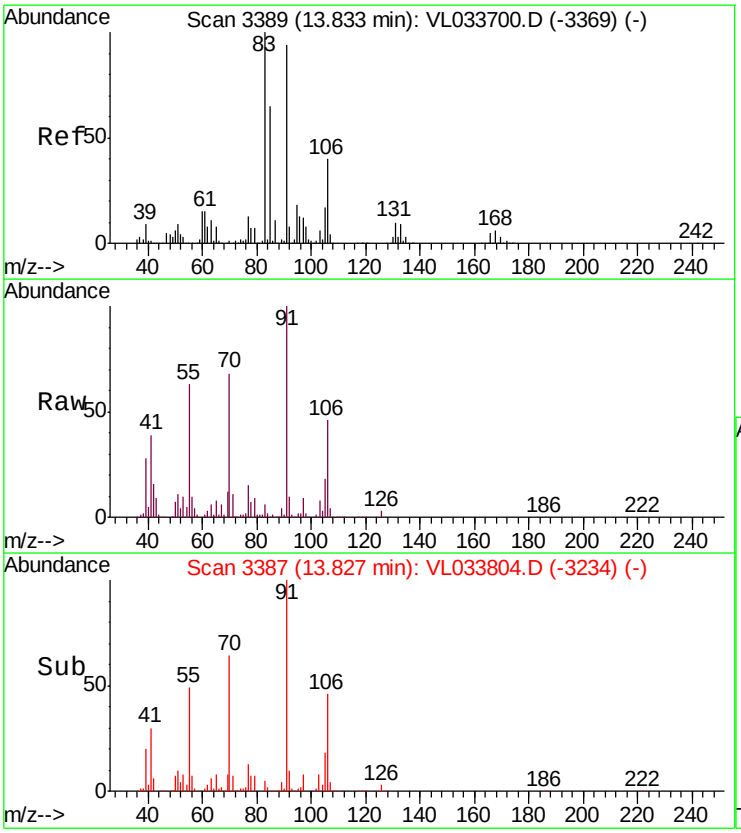
#62
Isopropylbenzene
Concen: 0.064 ppbv
RT: 14.81 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion:105 Resp: 22996

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.1	30.1#

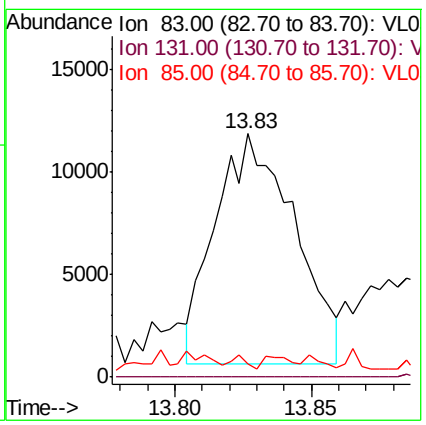


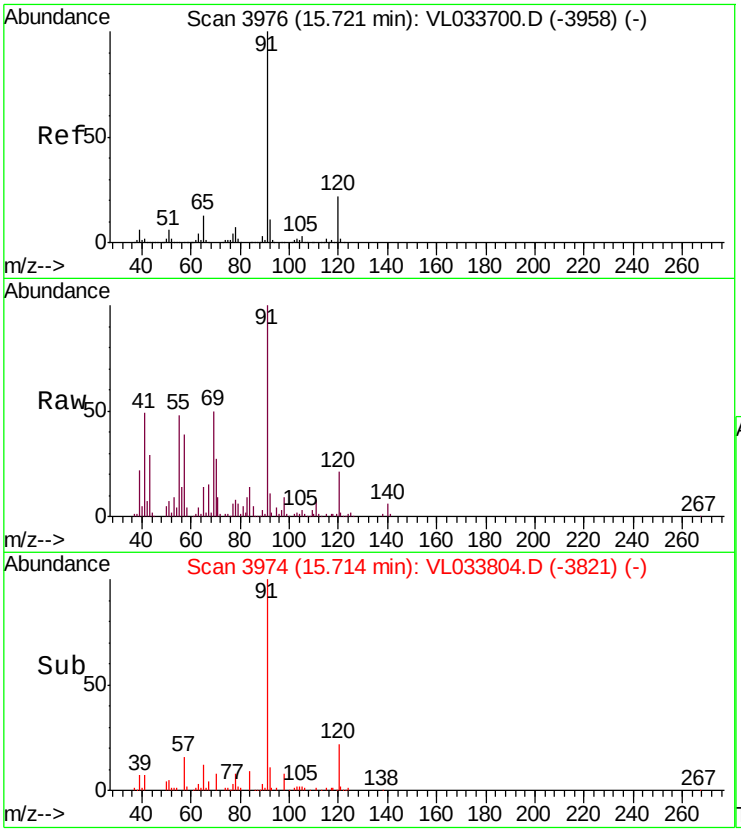


#63
1,1,2,2-Tetrachloroethane
Concen: 0.118 ppbv
RT: 13.83 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 83 Resp: 22749

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



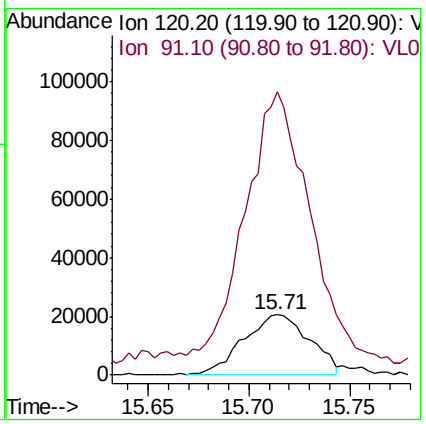


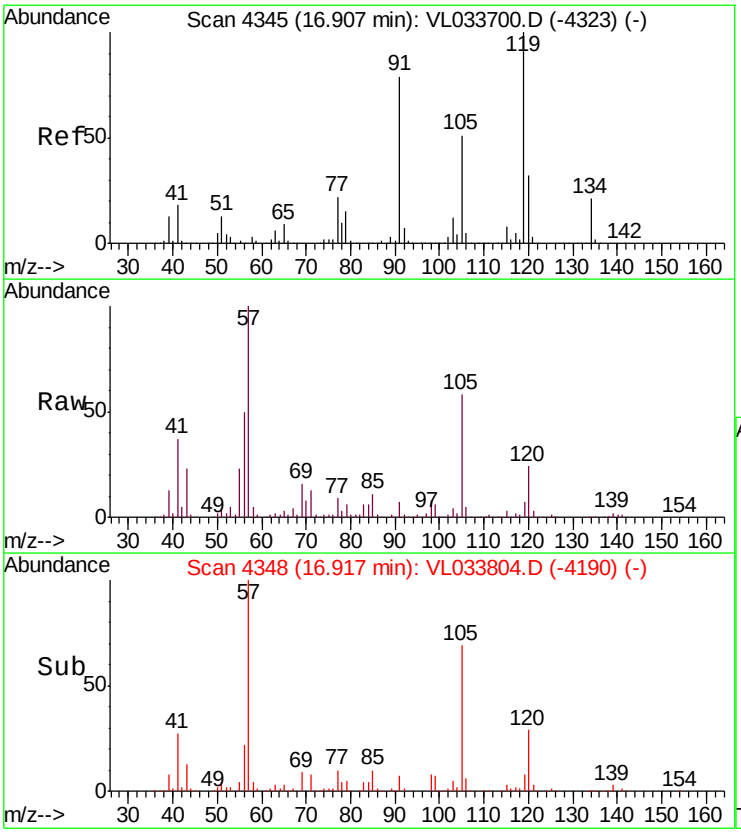
#64
n-propylbenzene
Concen: 0.491 ppbv
RT: 15.71 min Scan# 3974
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion:120 Resp: 45308

Ion	Ratio	Lower	Upper
120	100		
91	555.0	379.1	568.7

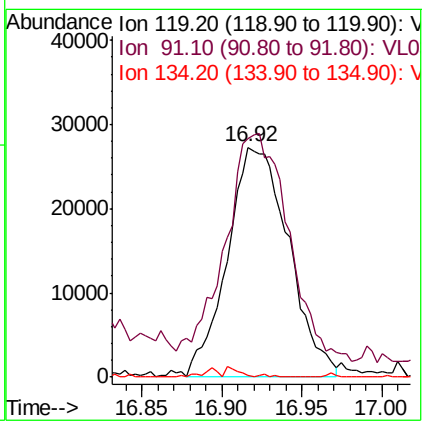


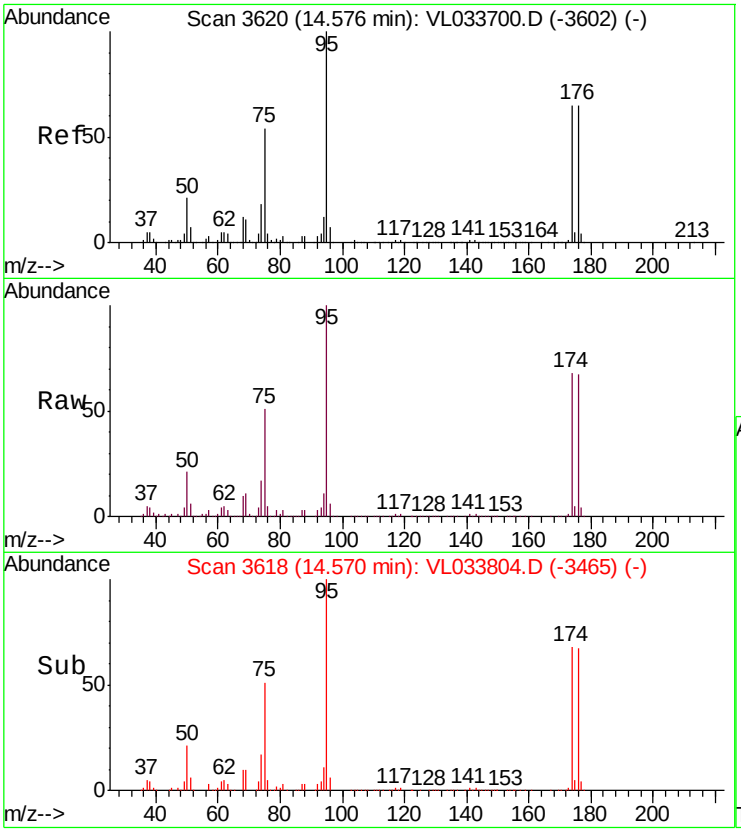


#65
tert-Butylbenzene
Concen: 0.220 ppbv
RT: 16.92 min Scan# 4348
Delta R.T. 0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:119 Resp: 71553

Ion	Ratio	Lower	Upper
119	100		
91	109.2	65.3	97.9#
134	2.2	15.7	23.5#



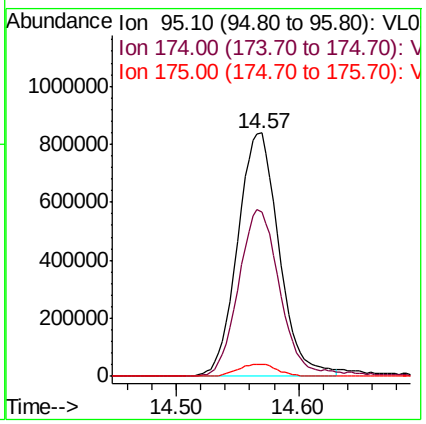


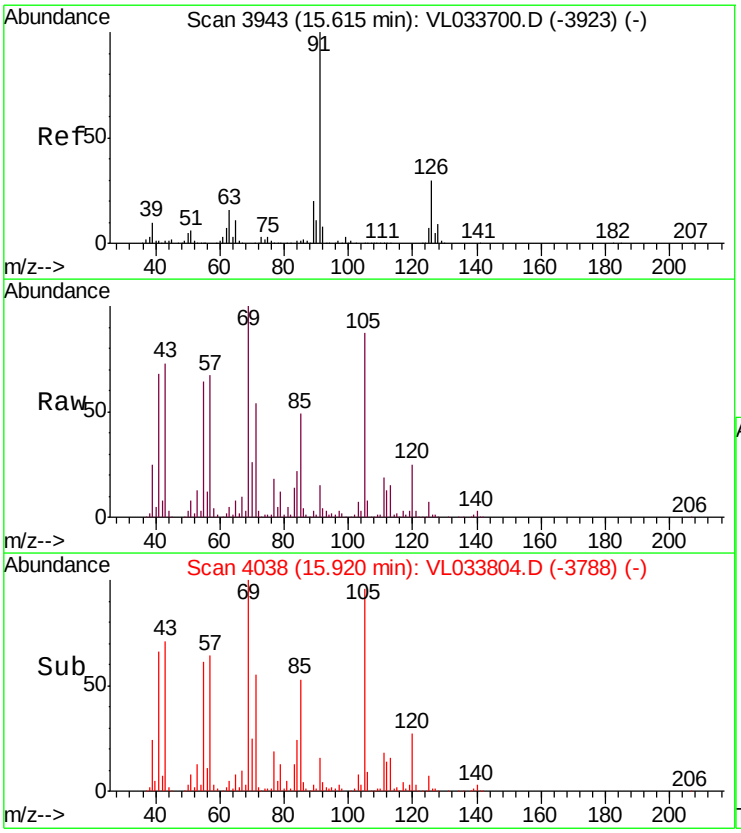
#68
1-Bromo-4-Fluorobenzene
Concen: 10.640 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion: 95 Resp: 1959572

Ion	Ratio	Lower	Upper
95	100		
174	70.2	53.9	80.9
175	5.1	3.8	5.8

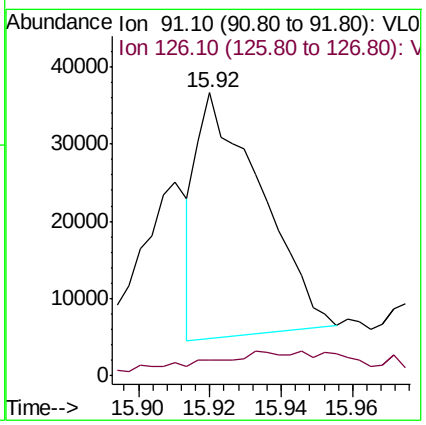


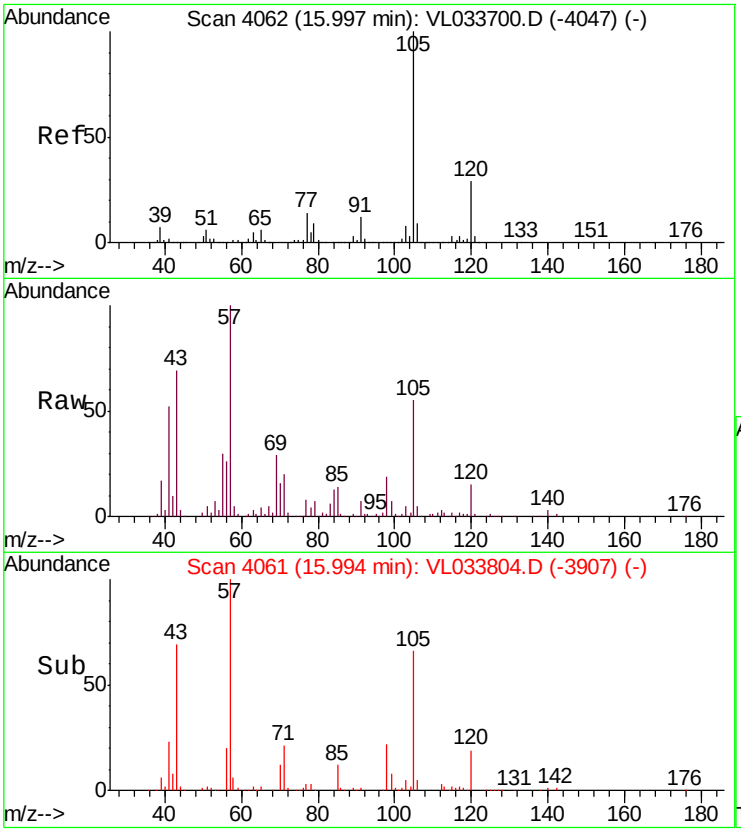


#71
2-Chlorotoluene
Concen: 0.149 ppbv
RT: 15.92 min Scan# 4038
Delta R.T. 0.31 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion: 91 Resp: 39534

Ion	Ratio	Lower	Upper
91	100		
126	28.7	12.0	47.8



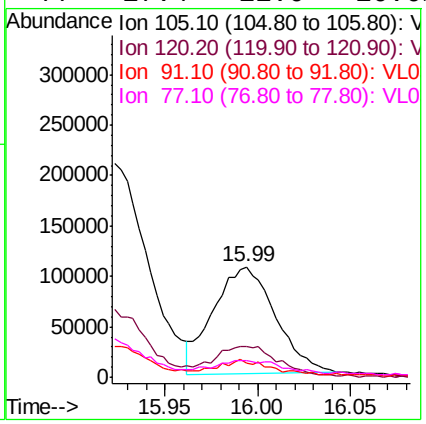


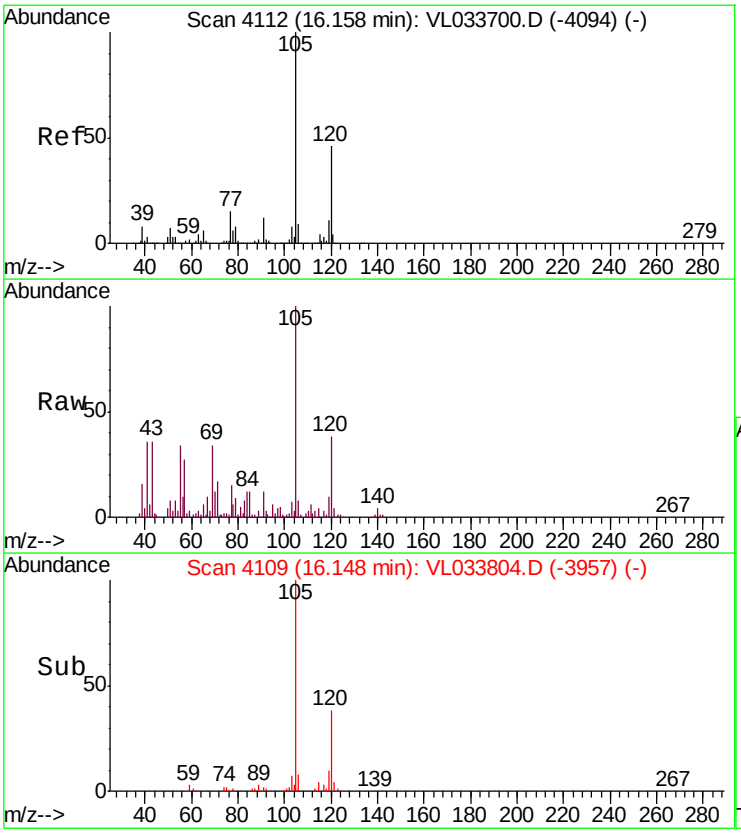
#72
4-Ethyltoluene
Concen: 0.807 ppbv
RT: 15.99 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion:105 Resp: 244561

Ion	Ratio	Lower	Upper
105	100		
120	33.5	23.1	34.7
91	15.8	10.4	15.6#
77	17.4	11.0	16.6#

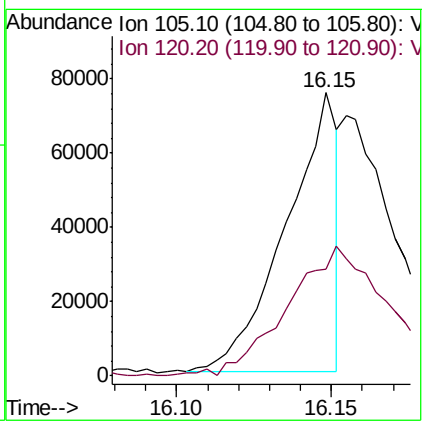


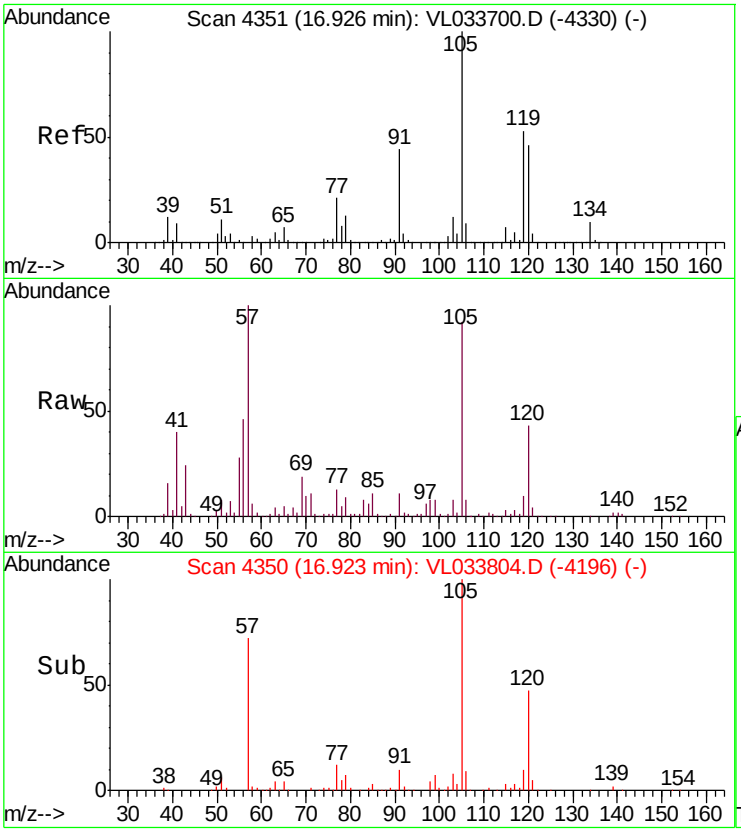


#73
1,3,5-Trimethylbenzene
Concen: 0.291 ppbv
RT: 16.15 min Scan# 4109
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:105 Resp: 86171

Ion	Ratio	Lower	Upper
105	100		
120	37.3	37.0	55.4



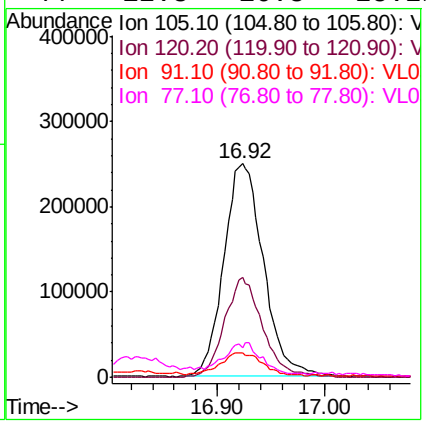


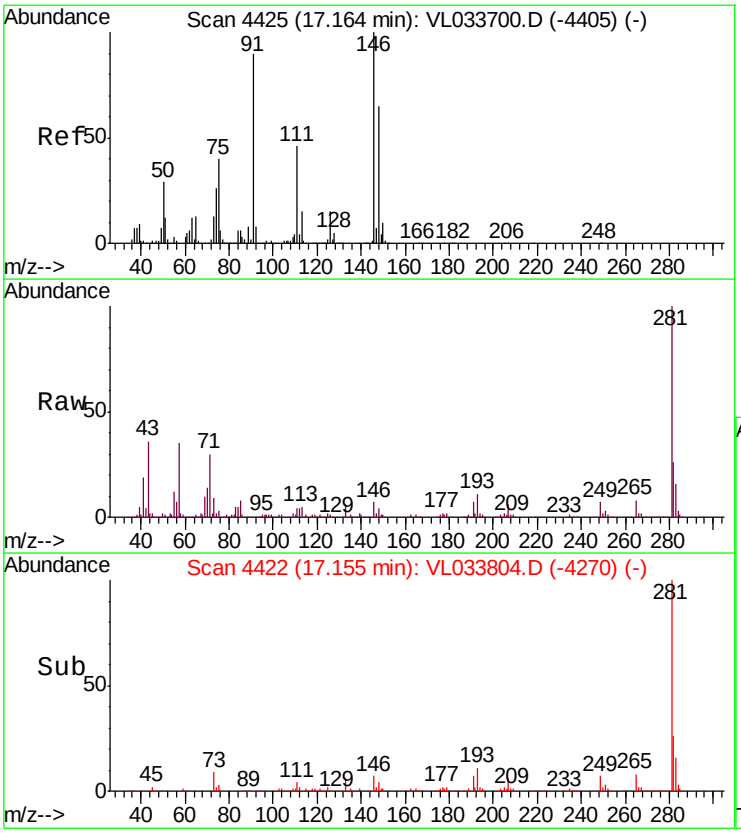
#74
1,2,4-Trimethylbenzene
Concen: 1.987 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion:105 Resp: 639604

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.8	55.2
91	10.8	35.4	53.0#
77	12.8	16.8	25.2#

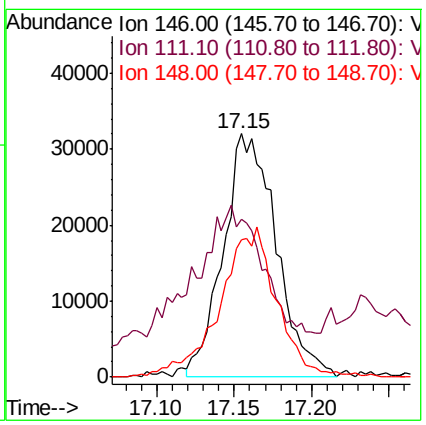


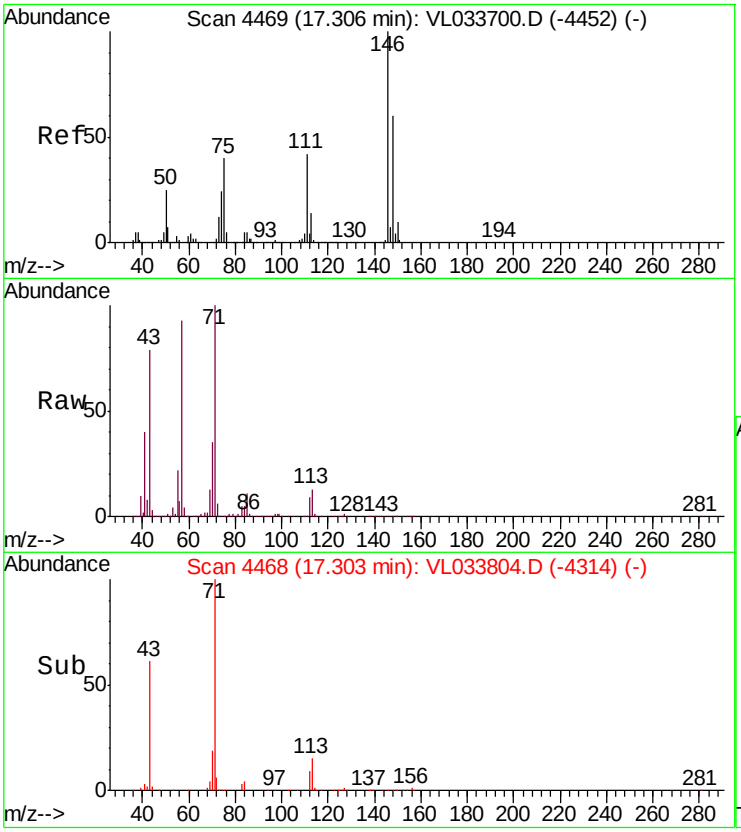


#75
1,3-Dichlorobenzene
Concen: 0.386 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:146 Resp: 76114

Ion	Ratio	Lower	Upper
146	100		
111	103.6	22.9	68.8#
148	66.3	32.0	96.2



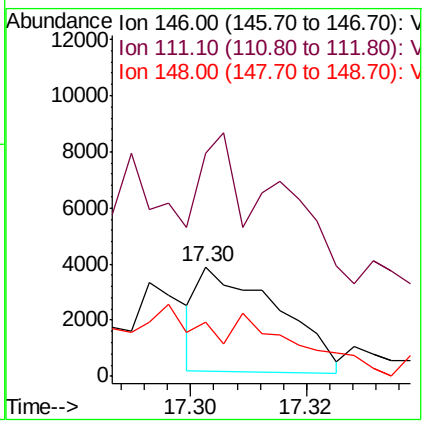


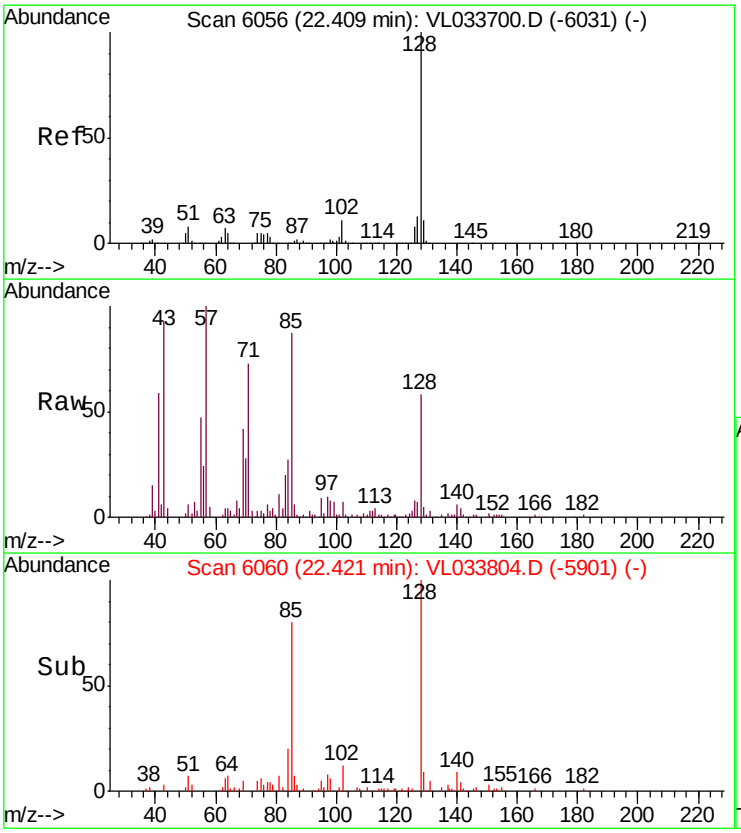
#76
1,4-Dichlorobenzene
Concen: 0.019 ppbv
RT: 17.30 min Scan# 4468
Delta R.T. -0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3007-55

Tgt Ion:146 Resp: 3543

Ion	Ratio	Lower	Upper
146	100		
111	237.8	21.9	65.8#
148	0.0	32.1	96.3#

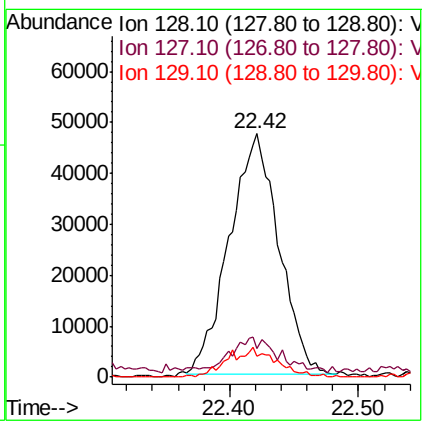


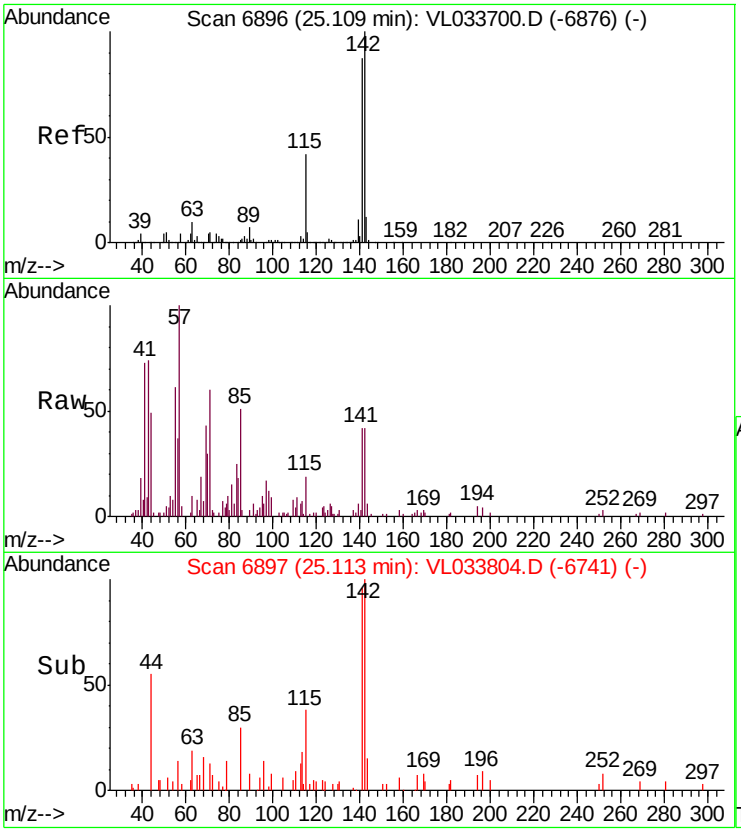


#79
Naphthalene
Concen: 0.419 ppbv
RT: 22.42 min Scan# 6060
Delta R.T. 0.01 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Tgt Ion:128 Resp: 125250

Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.6	16.0#
129	8.3	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.091 ppbv
RT: 25.11 min Scan# 6897
Delta R.T. 0.00 min
Lab File: VL033804.D
Acq: 28 May 2019 14:24

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3007-55

Tgt Ion:142 Resp: 10291

Ion	Ratio	Lower	Upper
142	100		
141	100.4	67.2	100.8
115	64.7	34.1	51.1#