Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034699.D
Acq On : 26 Feb 2020 22:34
Operator : SY/AP
Sample : L1663-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP-103

Quant Time: Feb 27 07:31:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	977588	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	2026667	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.13	117	2176031	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.47	95	1735134	9.72	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	11011	0.071	ppbv		88
3) Chlorodifluoromethane	2.95	51	47197	0.447	ppbv	#	85
4) Chloromethane	3.11	50	31704	0.537	ppbv		99
5) Vinyl Chloride	3.23	62	1278	0.022	ppbv		100
9) Propene	2.99	41	28822	0.654	ppbv		89
10) Heptane	8.15	43	165736	1.460	ppbv		100
11) Trichlorofluoromethane	3.93	101	36128	0.267	ppbv	#	80
12) 1,1,2-Trichlorotrifluoroet	4.47	101	2288	0.024	ppbv	#	15
13) Ethanol	3.63	45	15277093	1096.582	ppbv		92
15) Acetone	3.83	43	3550069	31.869	ppbv		97
16) 1,3-Butadiene	3.28	39	27797	0.539	ppbv	#	22
17) tert-Butyl alcohol	4.34	59	454915	5.329	ppbv	#	81
19) Isopropyl Alcohol	4.00	45	7571329	114.107	ppbv	#	98
20) Methylene Chloride	4.33	84	132948	3.209	ppbv		95
21) Allyl Chloride	4.35	41	173620	2.356	ppbv	#	57
23) Vinyl Acetate	5.06	43	196436	1.297	ppbv	#	52
25) Ethyl Acetate	5.68	43	260649	1.322	ppbv	#	91
26) Hexane	5.69	57	237594	2.614	ppbv	#	56
27) Carbon Disulfide	5.01	76	672054	6.514	ppbv	#	64
28) Methyl tert-Butyl Ether	5.01	73	58764	0.453	ppbv	#	19
29) Chloroform	5.75	83	7843	0.054	ppbv		92
30) Cyclohexane	7.15	84	30484	0.433	ppbv	#	1
34) 2-Butanone	5.24	43	467851	3.668	ppbv		99
35) Carbon Tetrachloride	7.05	117	4498	0.033	ppbv		92
36) Benzene	6.91	78	197993	1.131	ppbv		93
38) Trichloroethene	7.86	130	9431	0.140	ppbv	#	69
39) 1,2-Dichloropropane	7.19	63	568053	8.157	ppbv	#	23
41) Tetrahydrofuran	6.06	42	201191	2.988	ppbv		100
44) 2,2,4-Trimethylpentane	7.89	57	389881	1.274	ppbv	#	81
50) 4-Methyl-2-Pentanone	8.78	43	126522	0.700	ppbv		97
52) Tetrachloroethene	11.26	164	9375	0.146	ppbv		90
53) Toluene	9.84	91	1717770	9.227	ppbv		100
56) 1,1,1,2-Tetrachloroethane	11.75	131	20831	0.225	ppbv	#	8
58) Ethyl Benzene	12.76	91	467881	1.777	ppbv		97
59) m/p-Xylene	13.01	91	1360965	5.927	ppbv		98
60) o-Xylene	13.74	91	536454	2.354	ppbv		99
61) Styrene	13.58	104	19038	0.130	ppbv	#	14
62) Isopropylbenzene	14.72	105	18933	0.057	ppbv		96
64) n-propylbenzene	15.62	120	12783	0.149	ppbv	#	1
65) tert-Butylbenzene	16.82	119	64238	0.224	ppbv	#	60
66) Benzyl Chloride	17.05	91	2399	0.022	ppbv	#	53

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034699.D
Acq On : 26 Feb 2020 22:34
Operator : SY/AP
Sample : L1663-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP-103

Quant Time: Feb 27 07:31:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) p-Isopropyltoluene	17.72	119	821988	2.418	ppbv		99
70) n-Butylbenzene	18.77	91	1242958	3.357	ppbv	#	79
71) 2-Chlorotoluene	15.62	91	144637	0.562	ppbv	#	46
72) 4-Ethyltoluene	15.89	105	164397	0.648	ppbv		95
73) 1,3,5-Trimethylbenzene	16.06	105	152866	0.627	ppbv		92
74) 1,2,4-Trimethylbenzene	16.82	105	615615	2.285	ppbv	#	69
75) 1,3-Dichlorobenzene	17.07	146	4068	0.026	ppbv	#	22
76) 1,4-Dichlorobenzene	17.20	146	40609	0.261	ppbv	#	74
79) Naphthalene	22.28	128	42623	0.180	ppbv		95
80) Naphthalene,2-methyl-	25.03	142	15365	0.210	ppbv	#	86

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

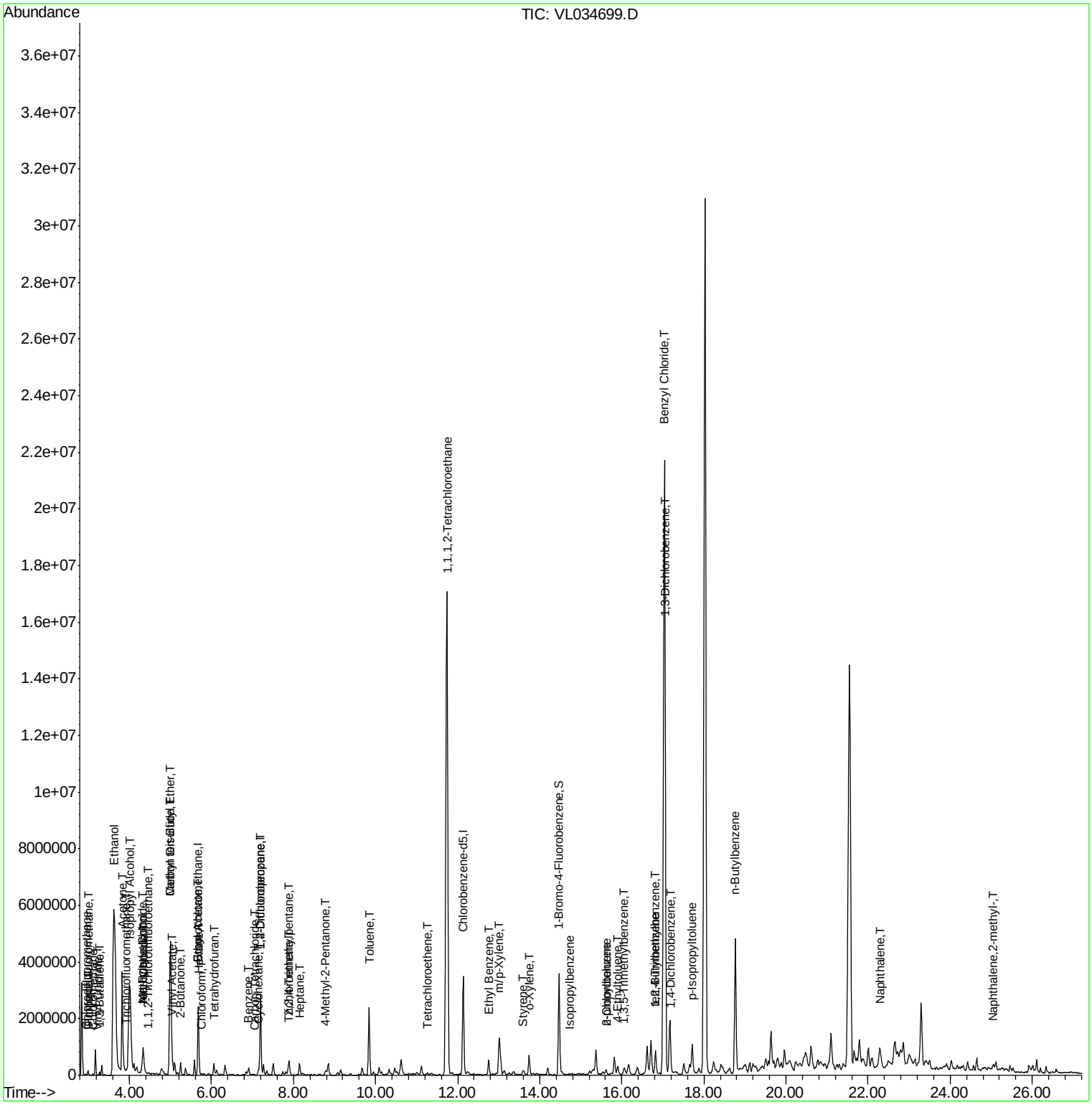
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

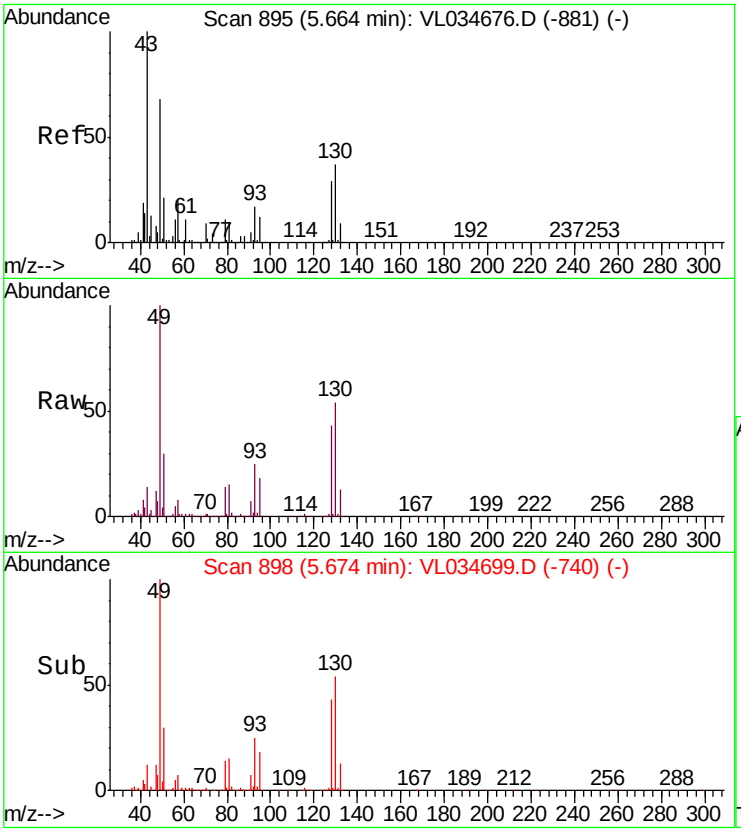
Quantitation Report (Not Reviewed)

Data File : VL034699.D
Acq On : 26 Feb 2020 22:34
Operator : SY/AP
Sample : L1663-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Quant Time: Feb 27 07:31:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration



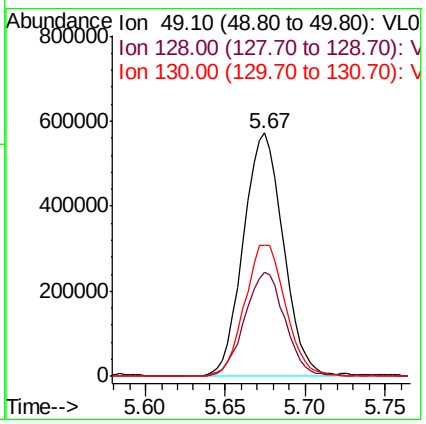


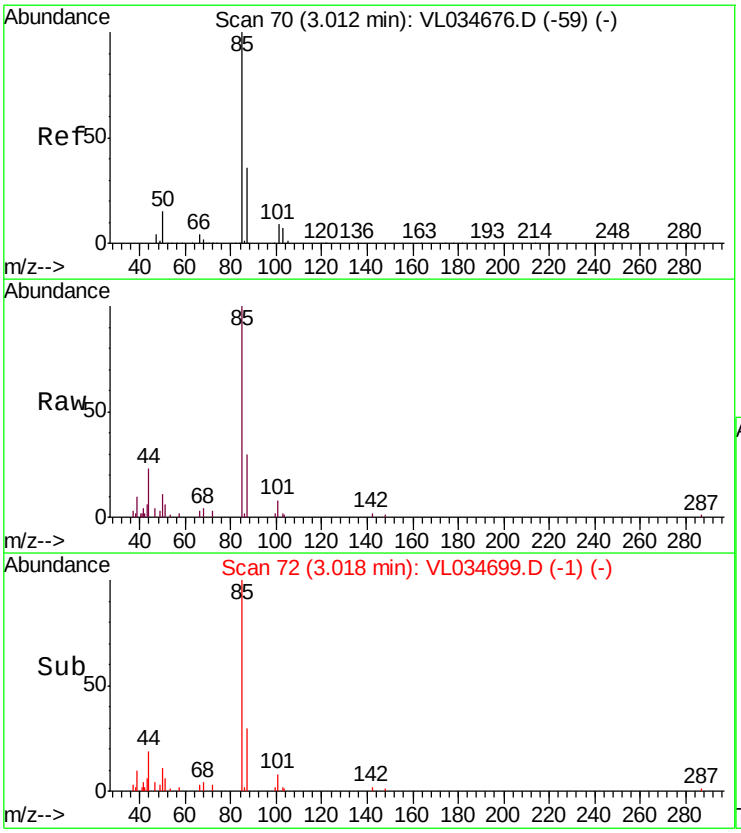
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 49 Resp: 977588

Ion	Ratio	Lower	Upper
49	100		
128	43.4	21.6	65.0
130	55.8	27.7	83.1

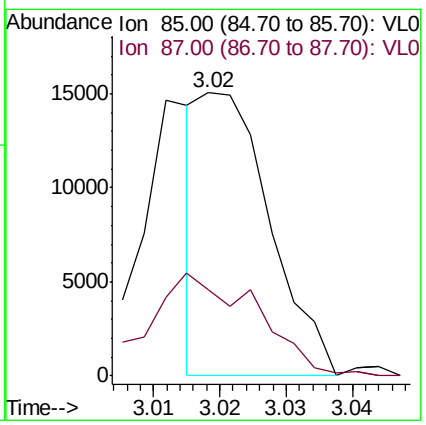


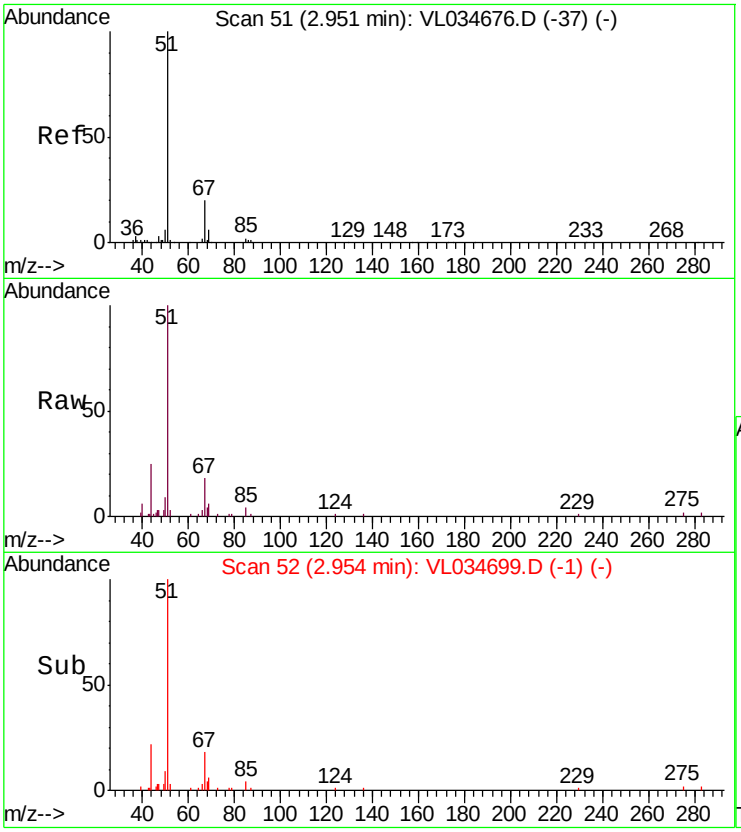


#2
Dichlorodifluoromethane
Concen: 0.071 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 85 Resp: 11011

Ion	Ratio	Lower	Upper
85	100		
87	29.4	29.2	43.8



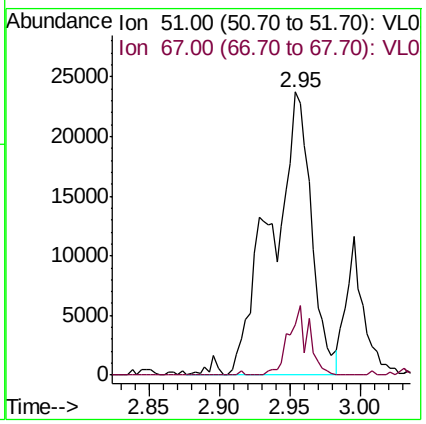


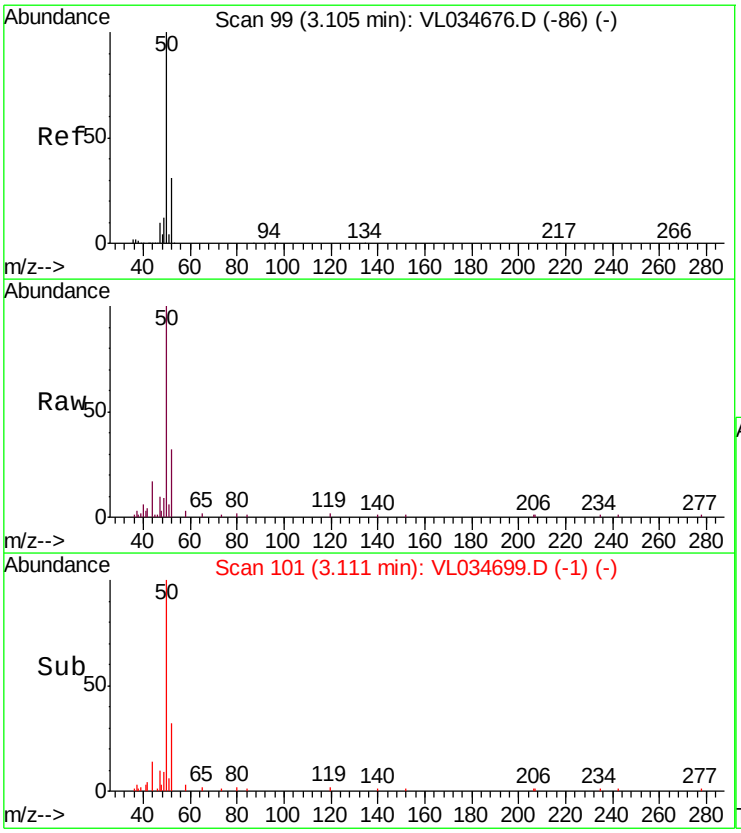
#3
Chlorodifluoromethane
Concen: 0.447 ppbv
RT: 2.95 min Scan# 52
Delta R.T. 0.00 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 51 Resp: 47197

Ion	Ratio	Lower	Upper
51	100		
67	12.4	15.5	23.3#

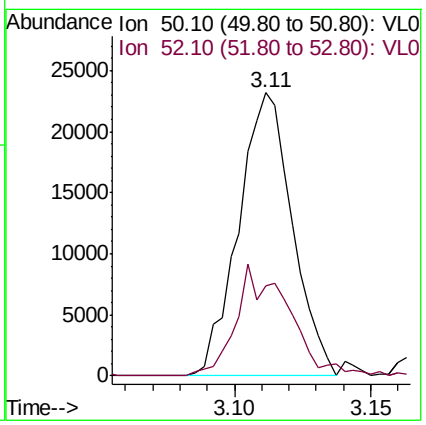


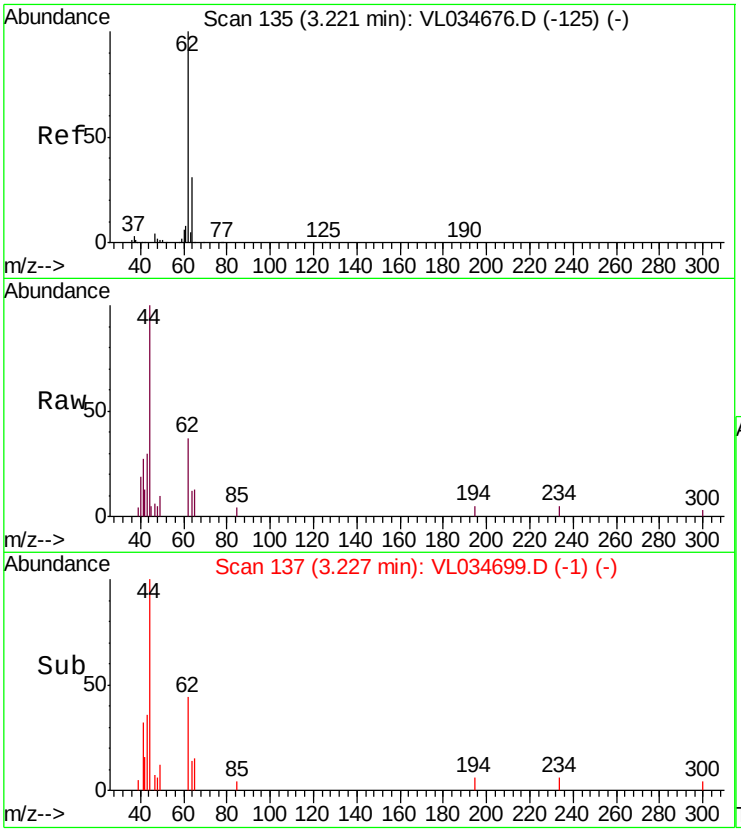


#4
Chloromethane
Concen: 0.537 ppbv
RT: 3.11 min Scan# 101
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 50 Resp: 31704

Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.0	37.4



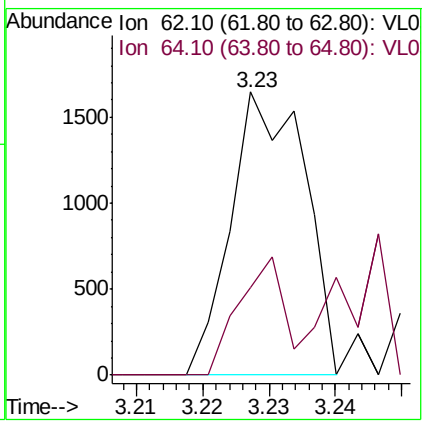


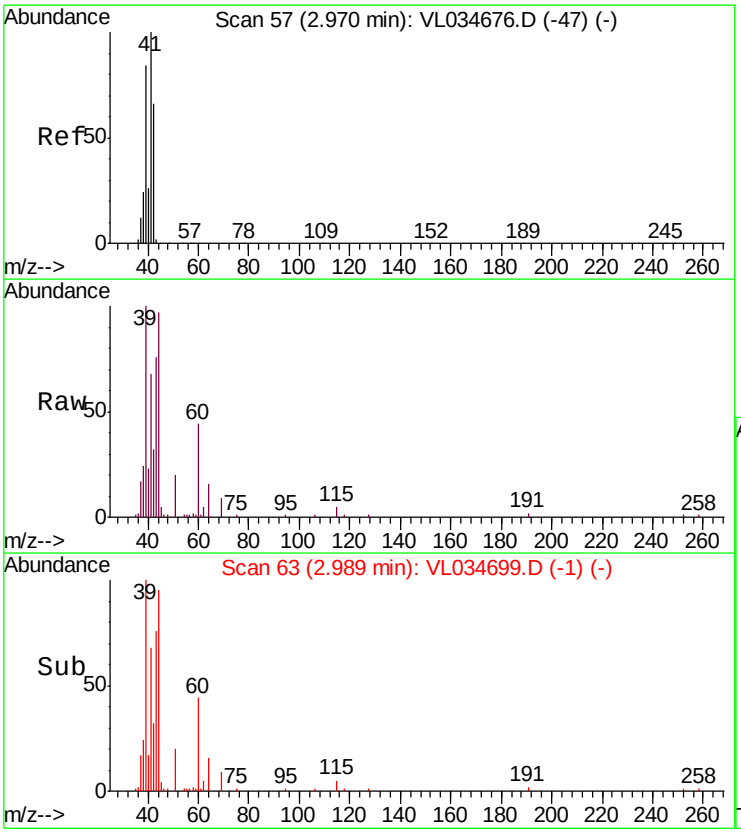
#5
Vinyl Chloride
Concen: 0.022 ppbv
RT: 3.23 min Scan# 137
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 62 Resp: 1278

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.7	37.1

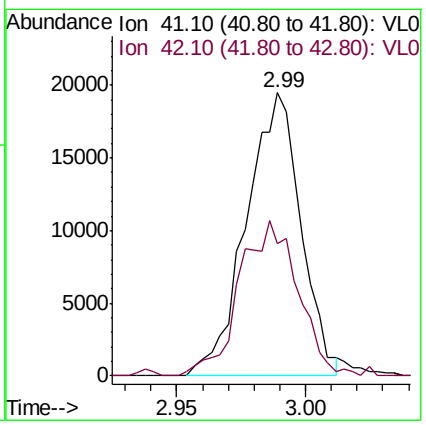


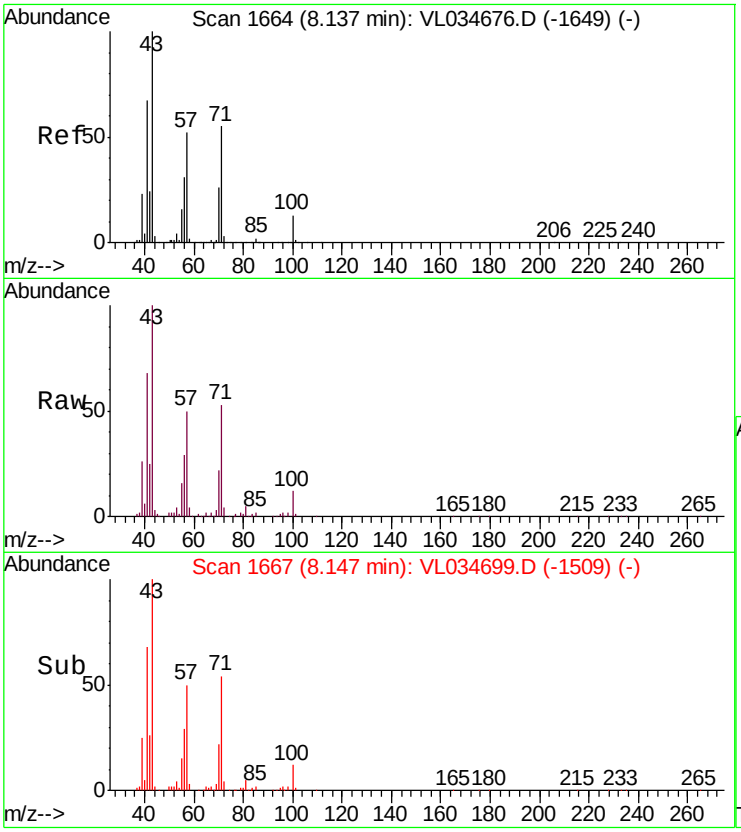


#9
Propene
Concen: 0.654 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 41 Resp: 28822

Ion	Ratio	Lower	Upper
41	100		
42	60.0	54.9	82.3



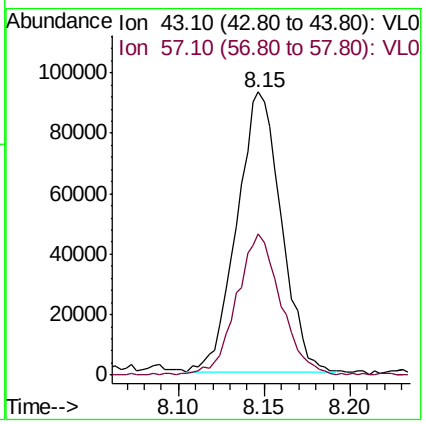


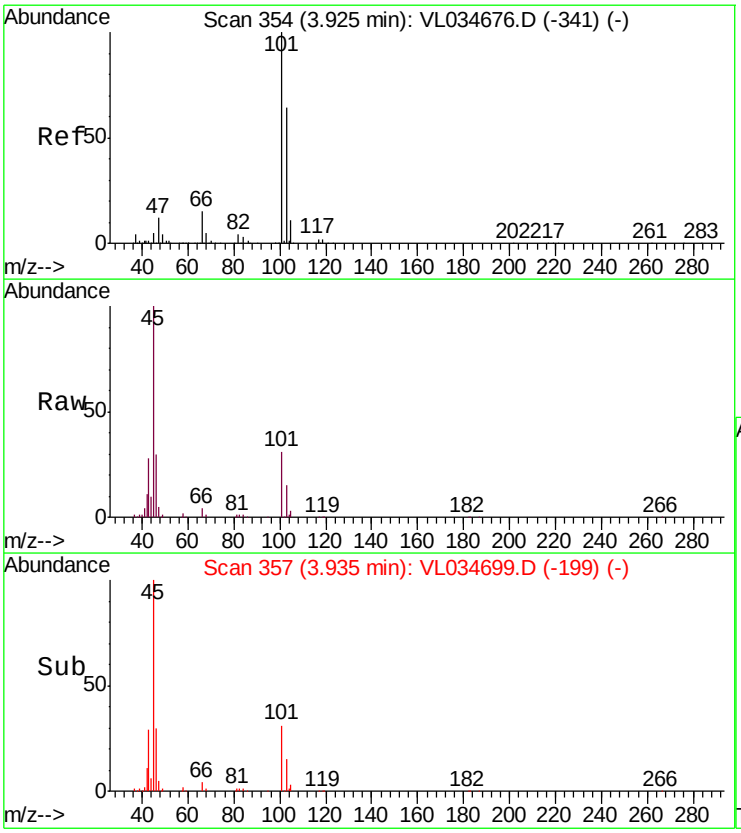
#10
Heptane
Concen: 1.460 ppbv
RT: 8.15 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 43 Resp: 165736

Ion	Ratio	Lower	Upper
43	100		
57	51.4	41.0	61.6

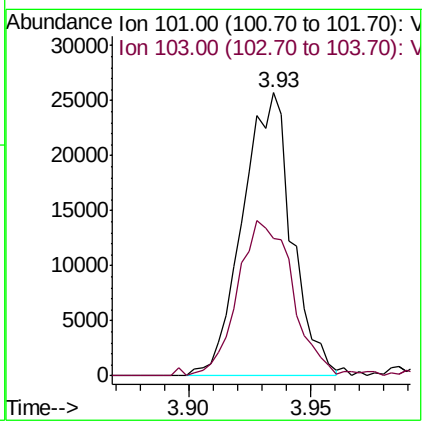


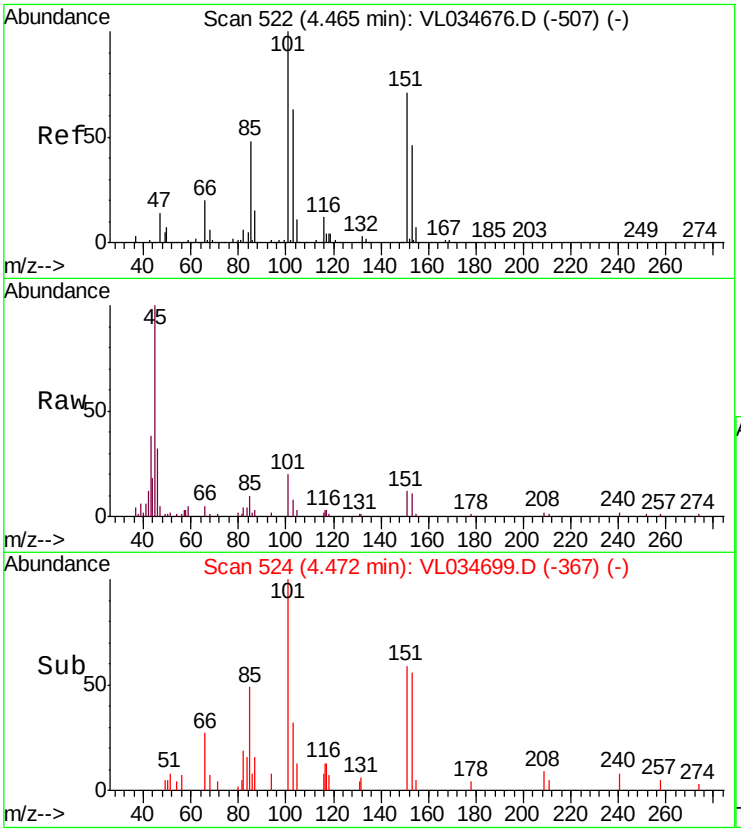


#11
Trichlorofluoromethane
Concen: 0.267 ppbv
RT: 3.93 min Scan# 357
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:101 Resp: 36128

Ion	Ratio	Lower	Upper
101	100		
103	48.7	51.2	76.8#



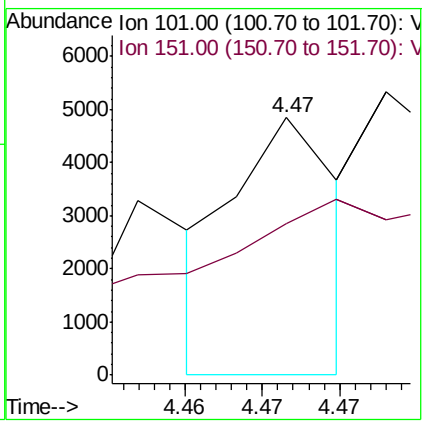


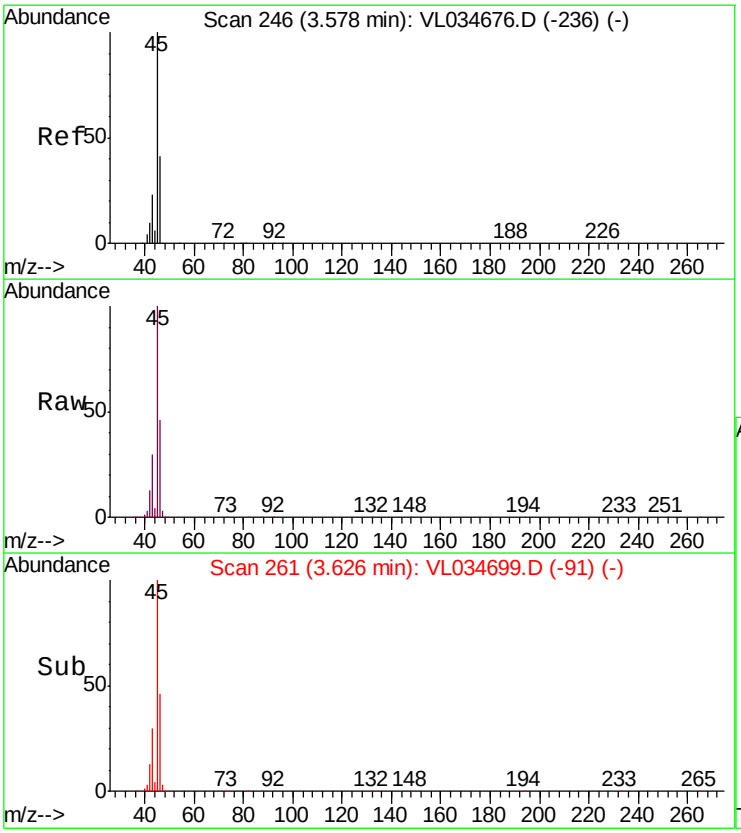
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.024 ppbv
RT: 4.47 min Scan# 524
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion:101 Resp: 2288

Ion	Ratio	Lower	Upper
101	100		
151	0.0	55.8	83.6#

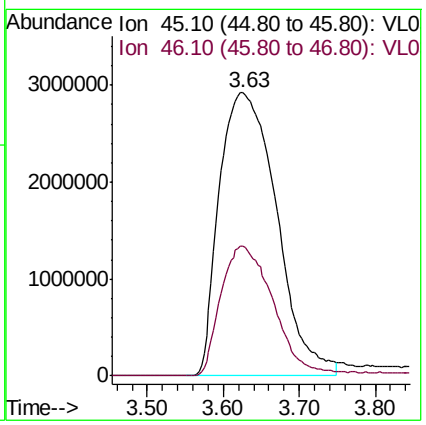


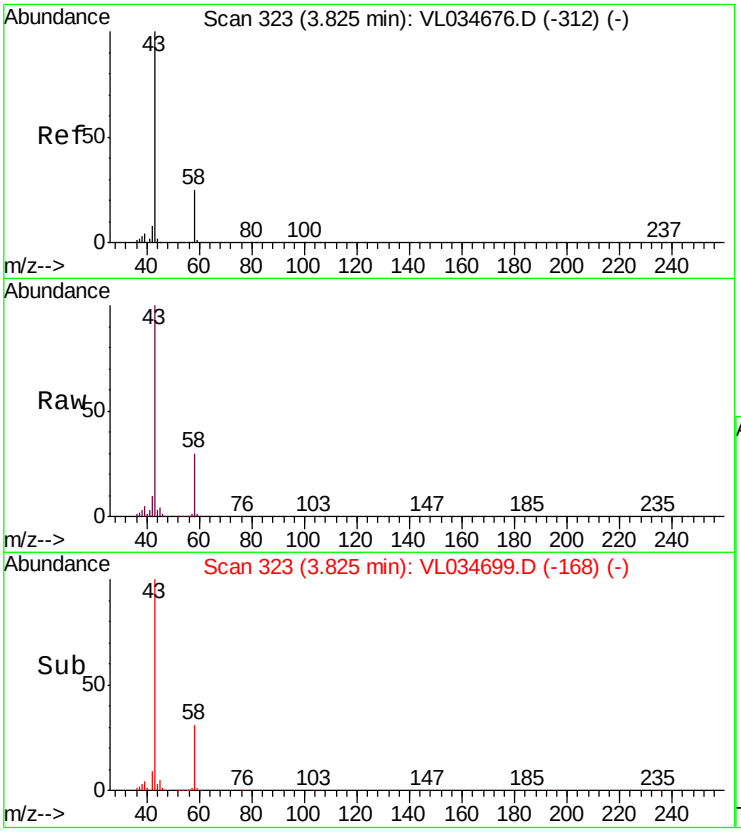


#13
Ethanol
Concen: 1096.582 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.05 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 45 Resp:15277093

Ion	Ratio	Lower	Upper
45	100		
46	42.9	15.4	61.4



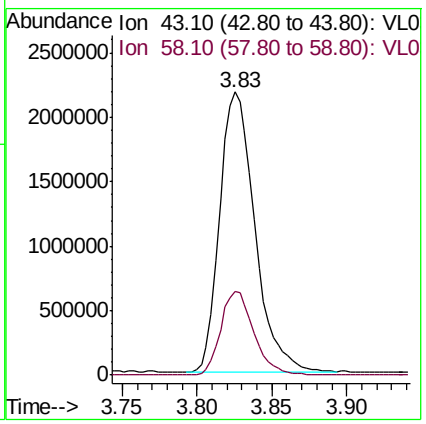


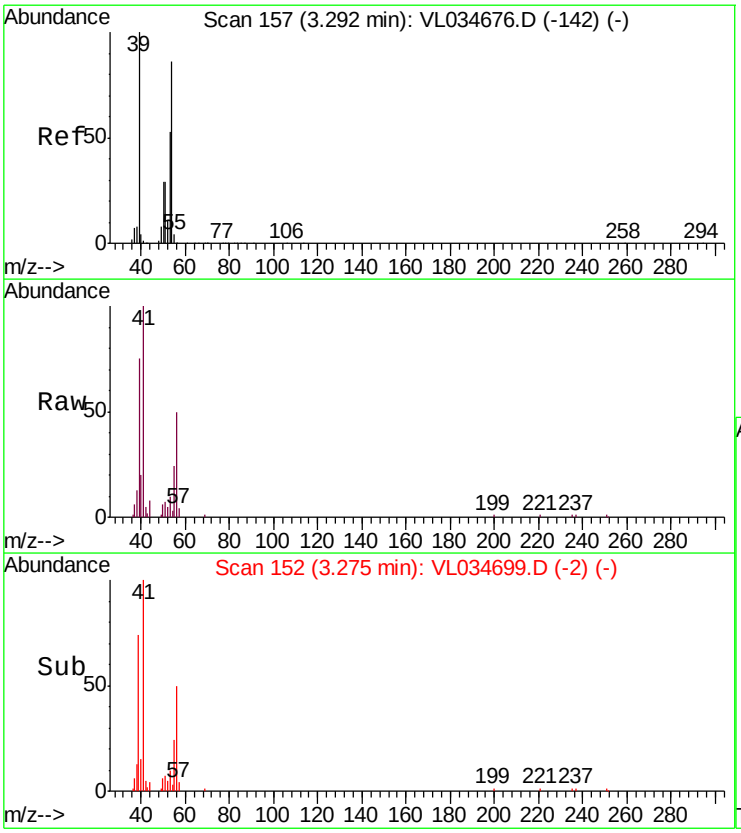
#15
Acetone
Concen: 31.869 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.00 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 43 Resp: 3550069

Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.4	32.0

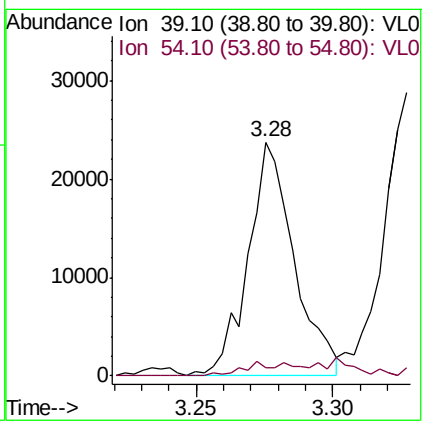


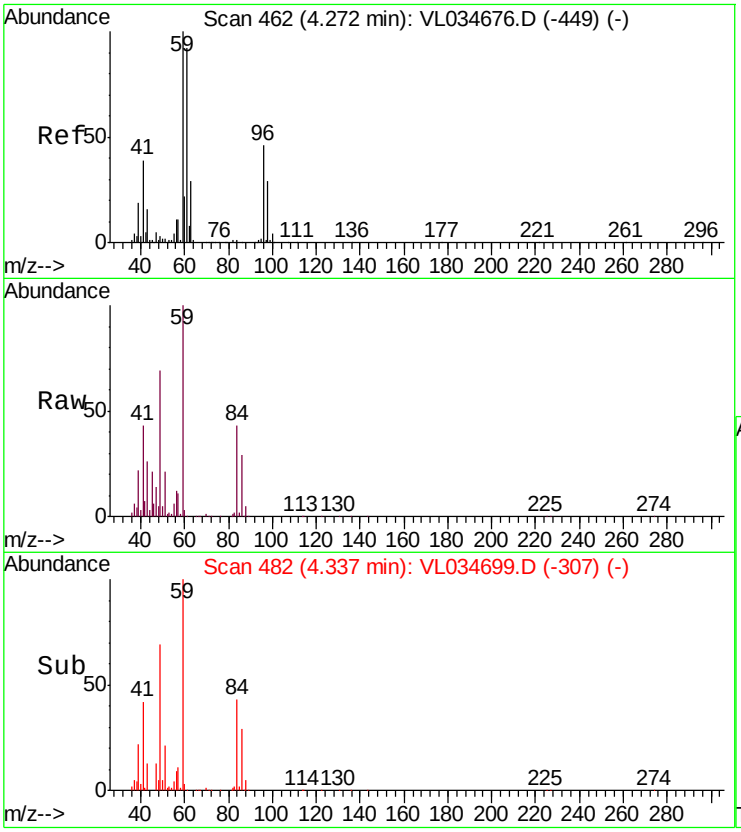


#16
1,3-Butadiene
Concen: 0.539 ppbv
RT: 3.28 min Scan# 152
Delta R.T. -0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 39 Resp: 27797

Ion	Ratio	Lower	Upper
39	100		
54	12.9	67.0	100.6#



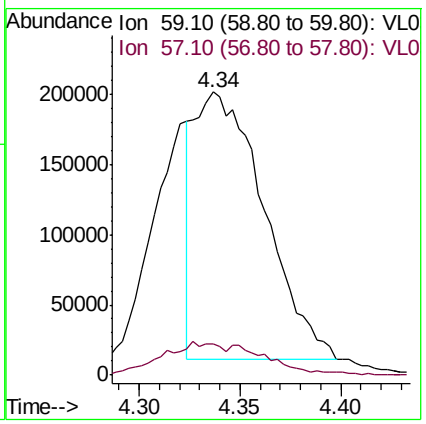


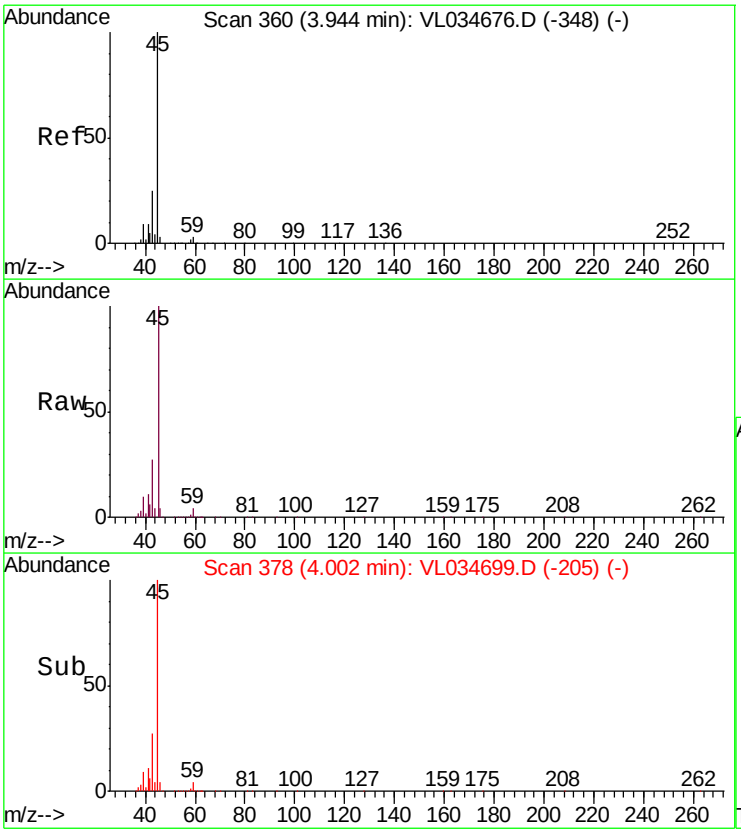
#17
tert-Butyl alcohol
Concen: 5.329 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.06 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 59 Resp: 454915

Ion	Ratio	Lower	Upper
59	100		
57	18.1	8.8	13.2#

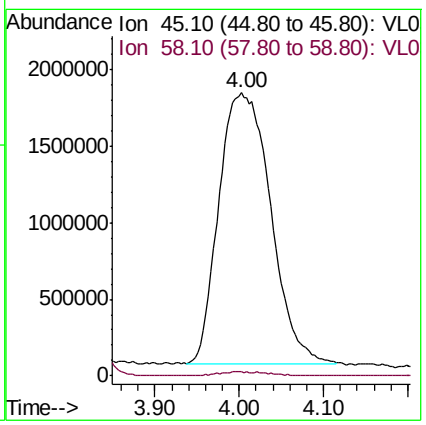


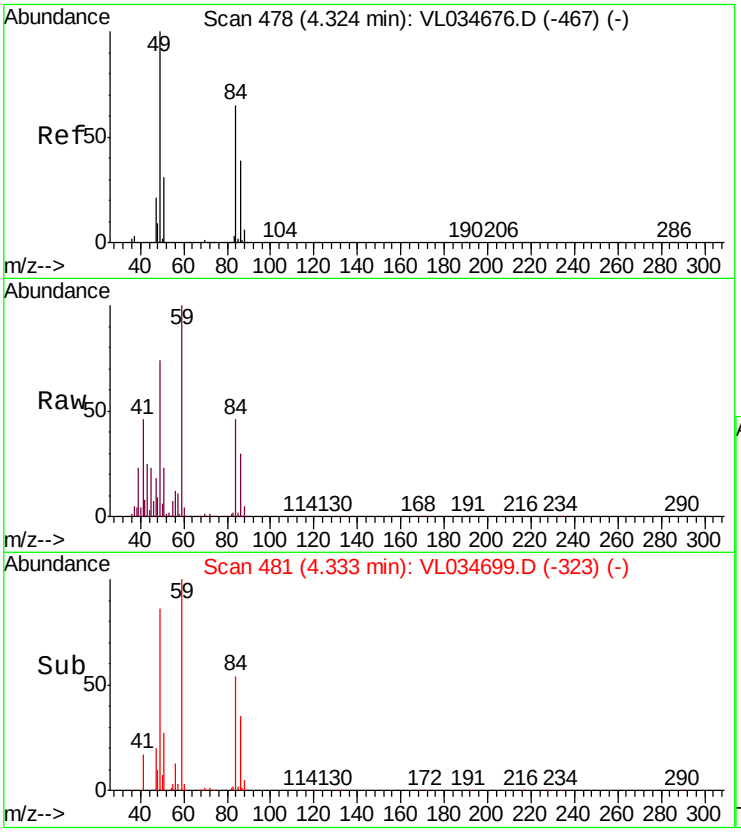


#19
Isopropyl Alcohol
Concen: 114.107 ppbv
RT: 4.00 min Scan# 378
Delta R.T. 0.06 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 45 Resp: 7571329

Ion	Ratio	Lower	Upper
45	100		
58	1.4	1.8	2.6#



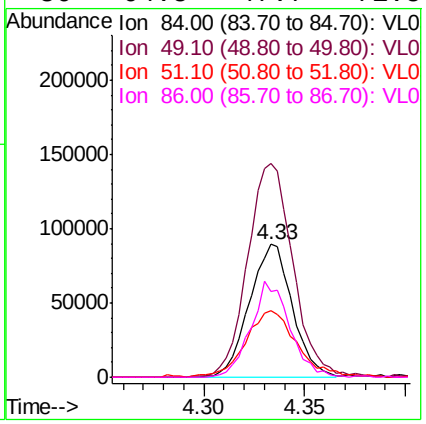


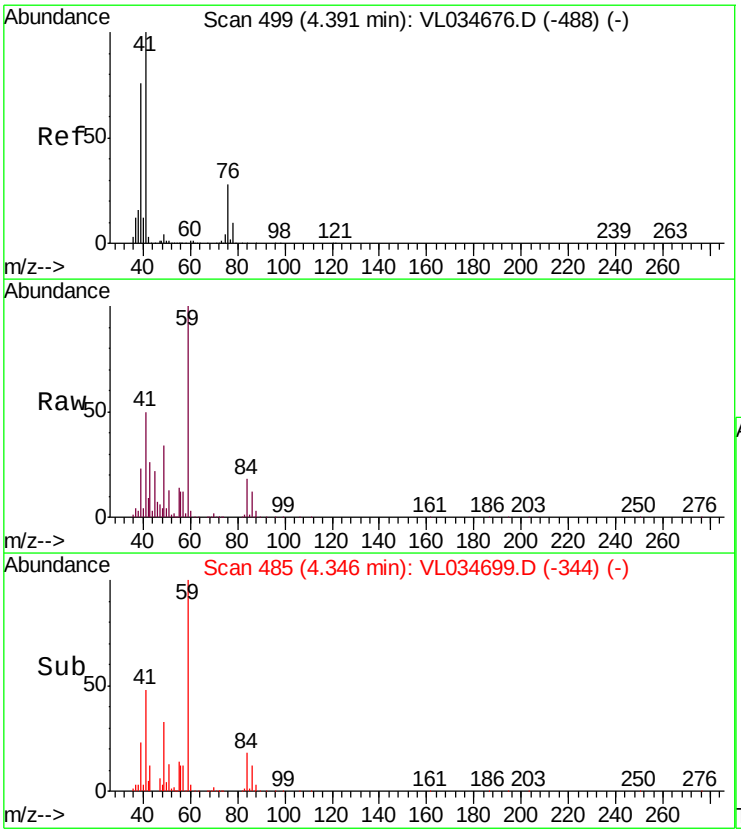
#20
Methylene Chloride
Concen: 3.209 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 84 Resp: 132948

Ion	Ratio	Lower	Upper
84	100		
49	160.6	122.8	184.2
51	49.9	38.6	58.0
86	64.5	47.7	71.5

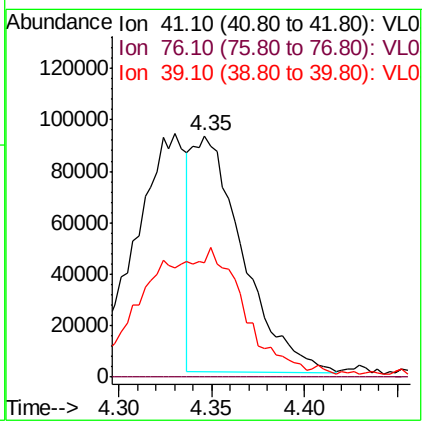


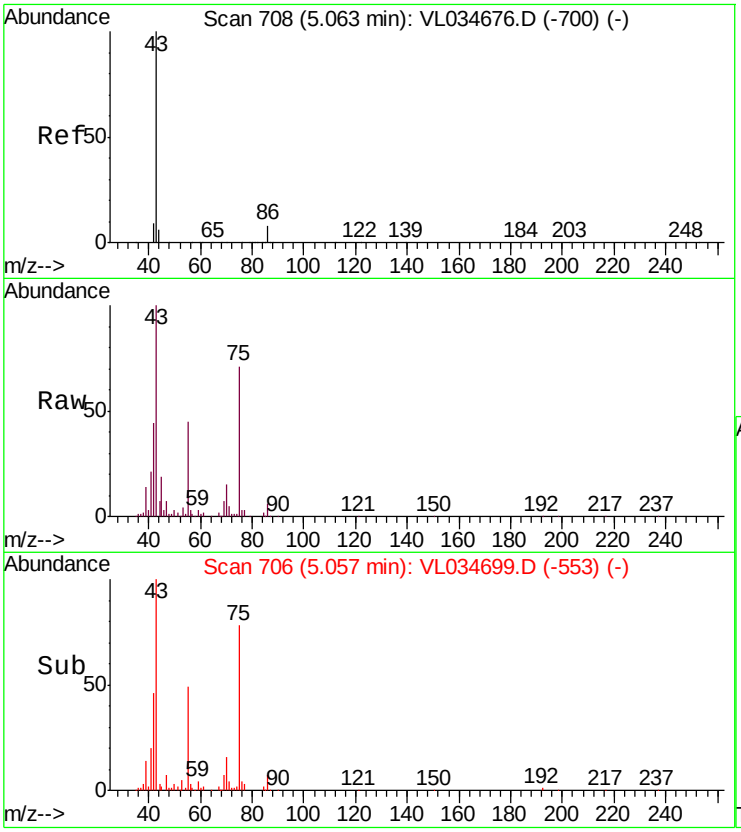


#21
Allyl Chloride
Concen: 2.356 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.05 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 41 Resp: 173620

Ion	Ratio	Lower	Upper
41	100		
76	1.5	22.8	34.2#
39	111.2	61.7	92.5#



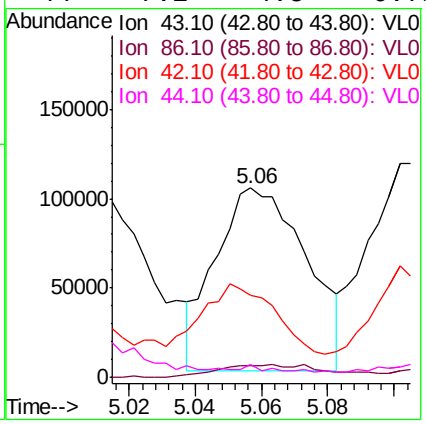


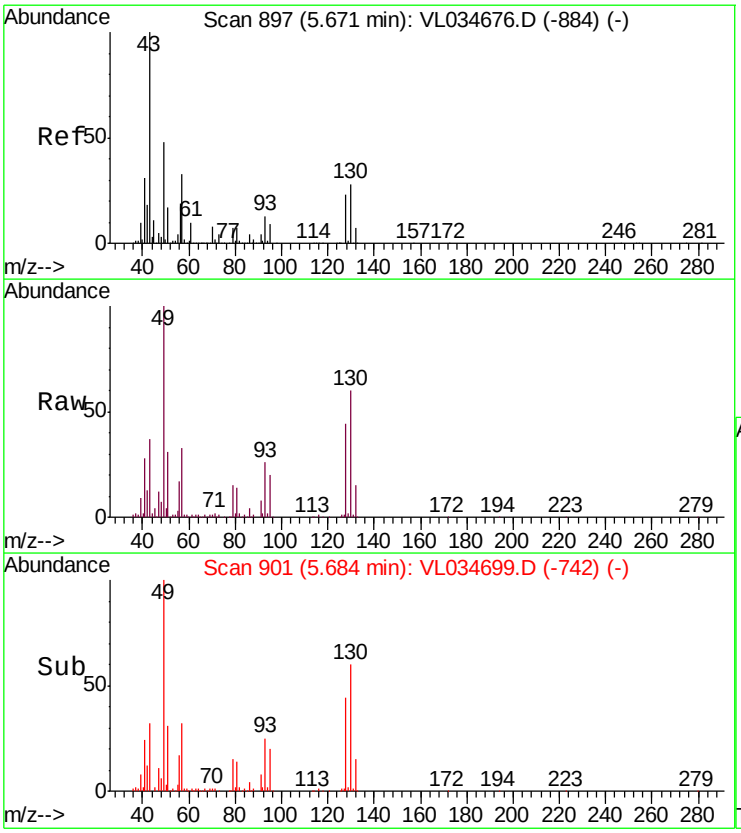
#23
Vinyl Acetate
Concen: 1.297 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 43 Resp: 196436

Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.0	9.0
42	49.7	8.0	12.0#
44	7.2	4.5	6.7#

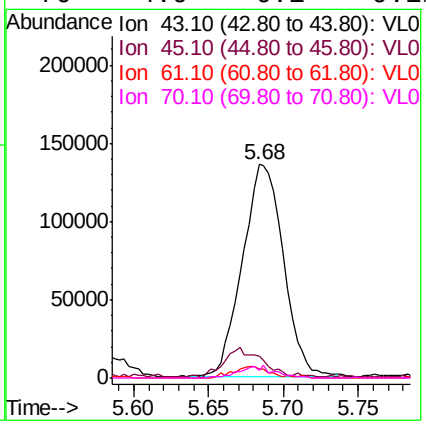


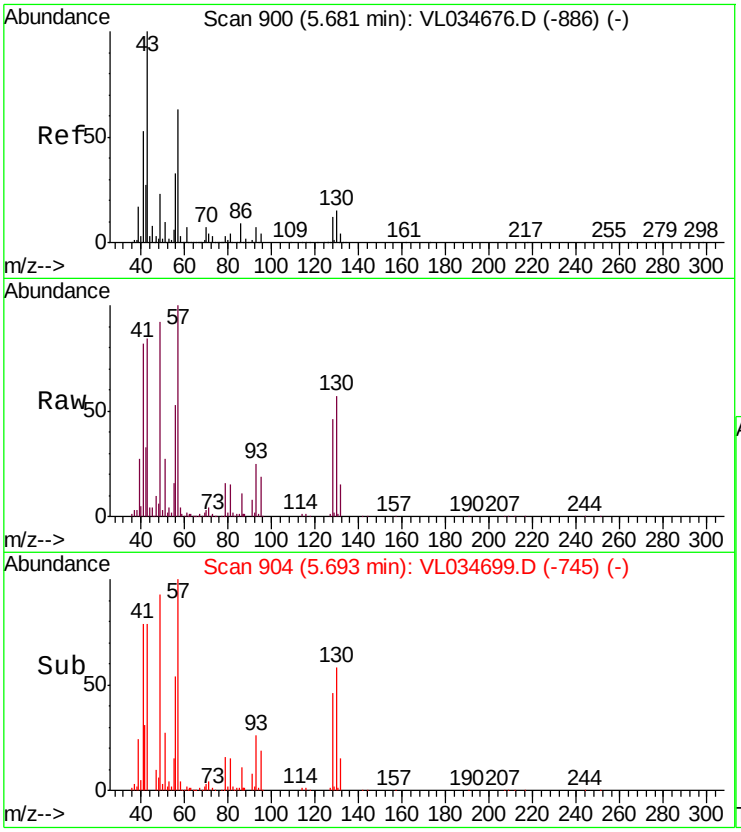


#25
Ethyl Acetate
Concen: 1.322 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 43 Resp: 260649

Ion	Ratio	Lower	Upper
43	100		
45	12.9	8.2	12.4#
61	4.9	7.8	11.6#
70	4.9	6.1	9.1#



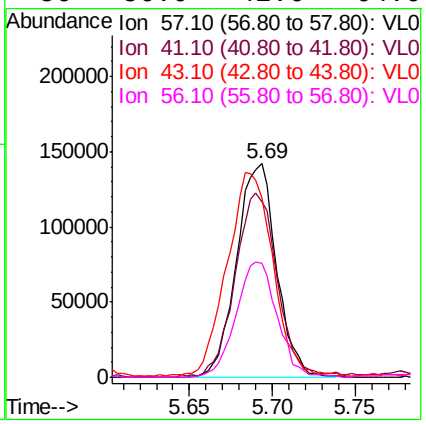


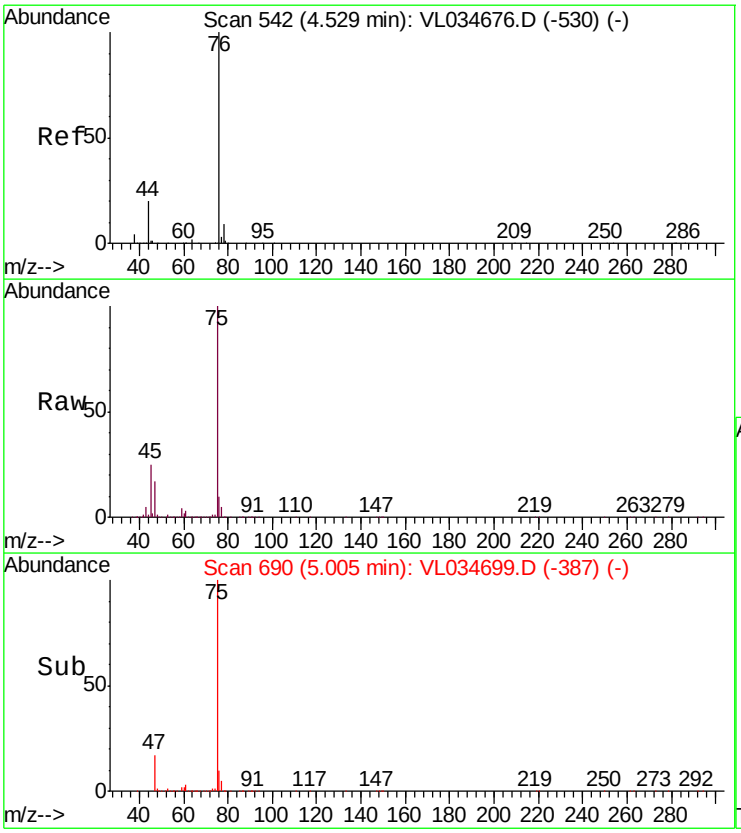
#26
Hexane
Concen: 2.614 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 57 Resp: 237594

Ion	Ratio	Lower	Upper
57	100		
41	92.7	70.3	105.5
43	109.1	177.0	265.4#
56	56.0	42.6	64.0

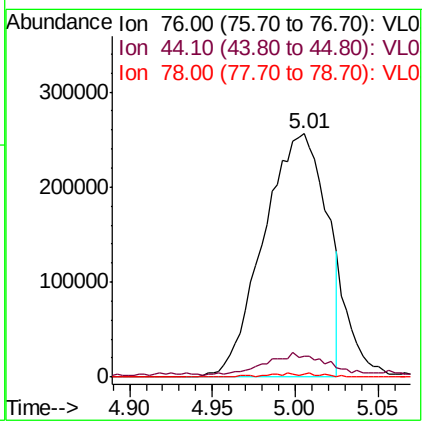


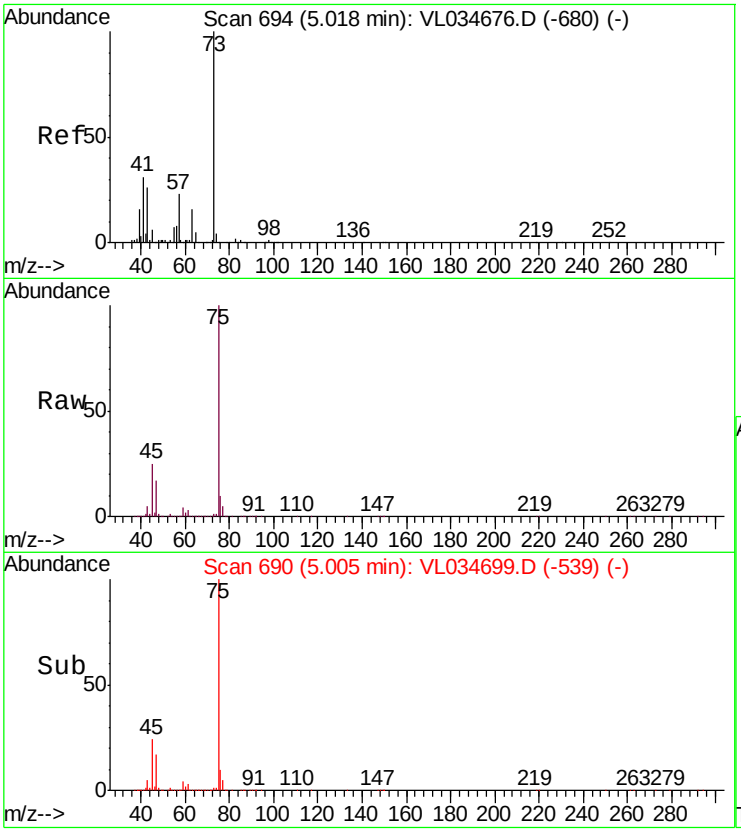


#27
Carbon Disulfide
Concen: 6.514 ppbv
RT: 5.01 min Scan# 690
Delta R.T. 0.48 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 76 Resp: 672054

Ion	Ratio	Lower	Upper
76	100		
44	0.5	15.3	22.9#
78	0.0	7.6	11.4#



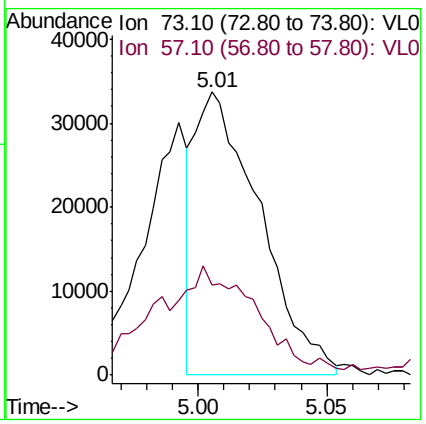


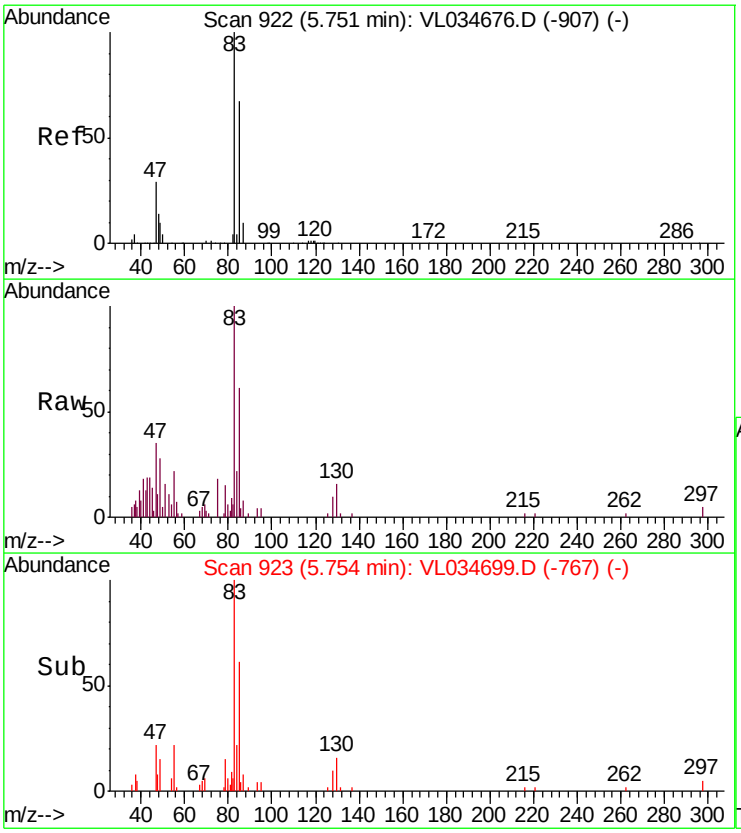
#28
Methyl tert-Butyl Ether
Concen: 0.453 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 73 Resp: 58764

Ion	Ratio	Lower	Upper
73	100		
57	62.9	18.6	28.0#

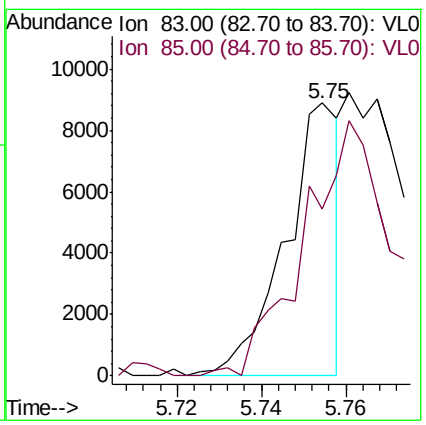


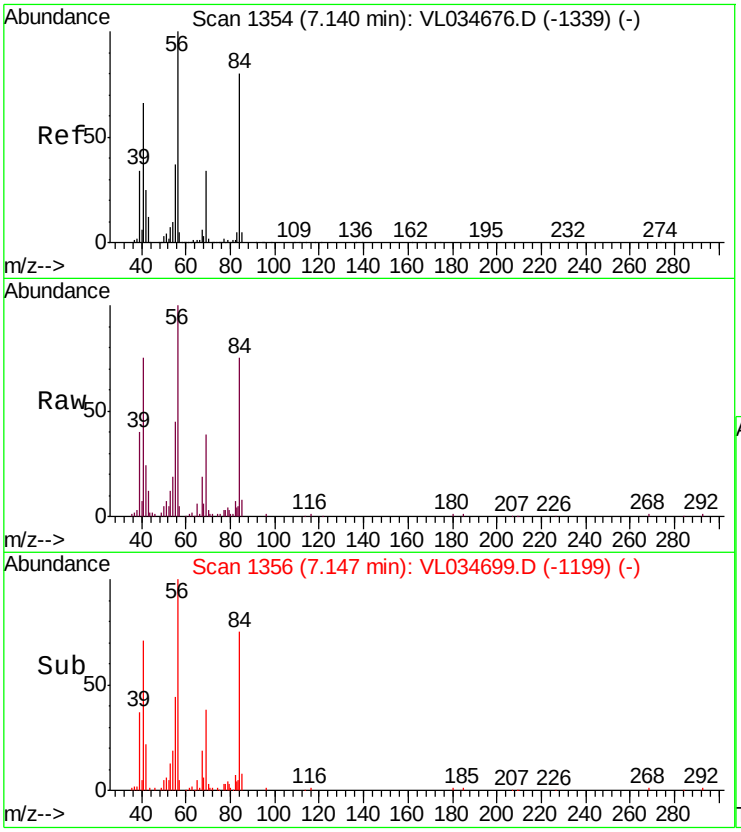


#29
Chloroform
Concen: 0.054 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 83 Resp: 7843

Ion	Ratio	Lower	Upper
83	100		
85	61.1	53.9	80.9



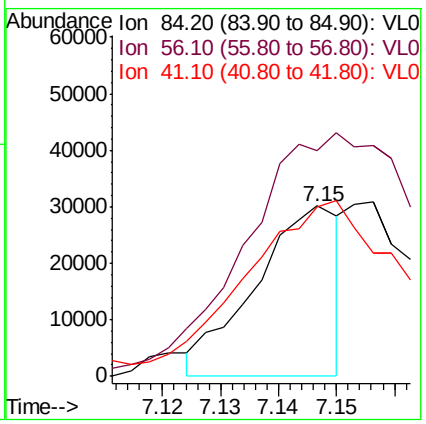


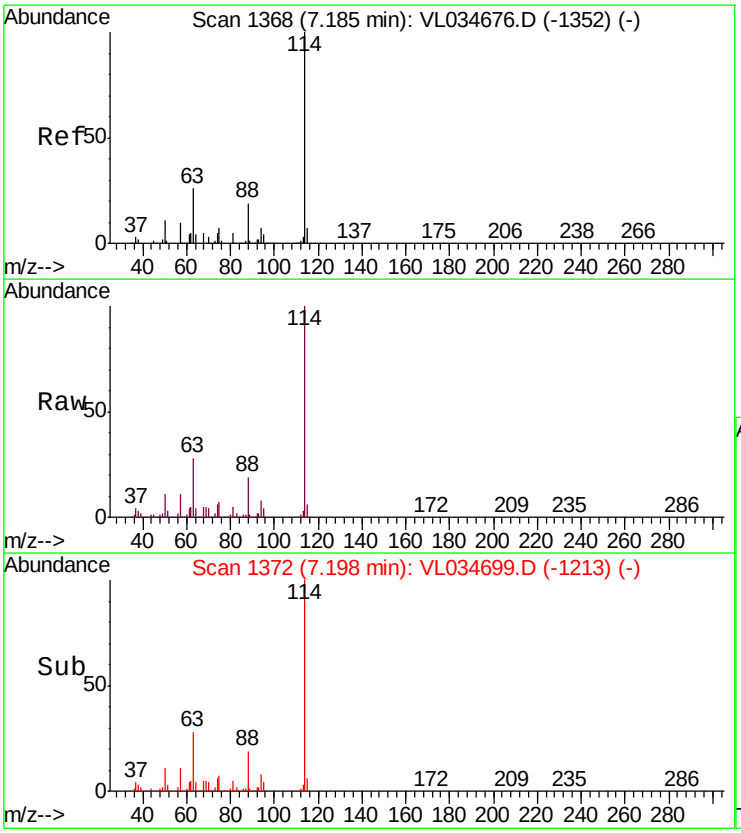
#30
Cyclohexane
Concen: 0.433 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 84 Resp: 30484

Ion	Ratio	Lower	Upper
84	100		
56	290.8	113.4	170.2#
41	205.5	68.2	102.4#

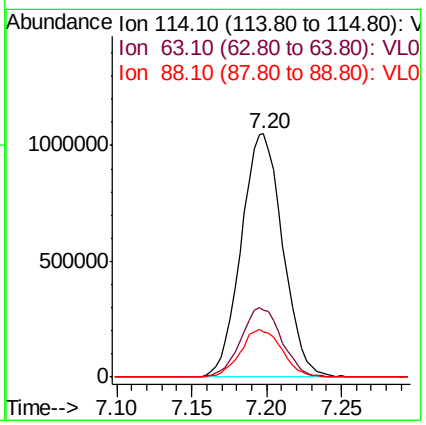


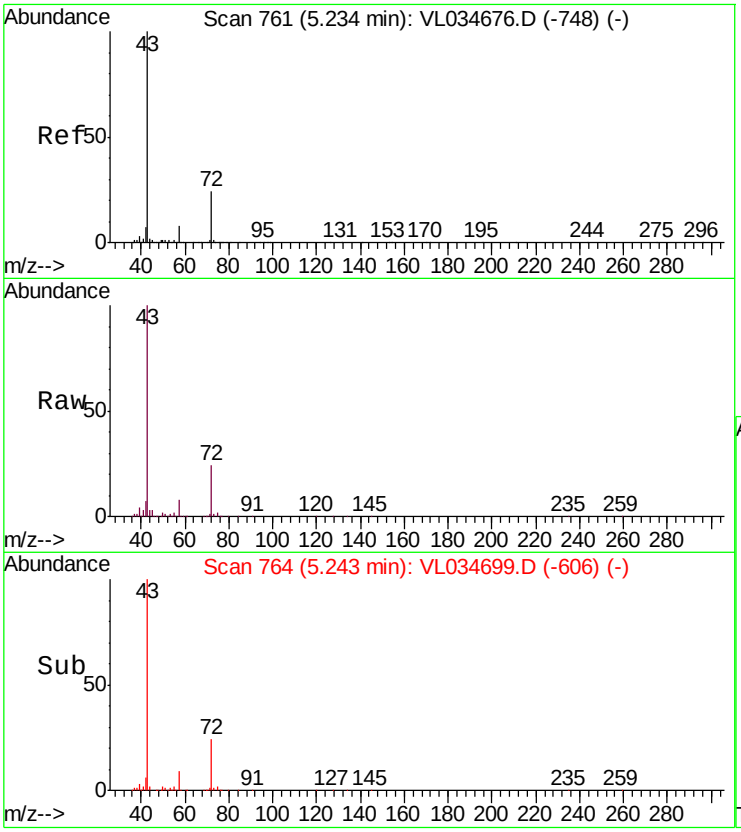


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:114 Resp: 2026667

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.9	34.3
88	19.6	15.8	23.6



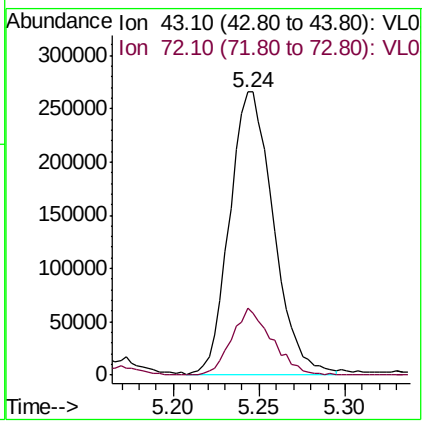


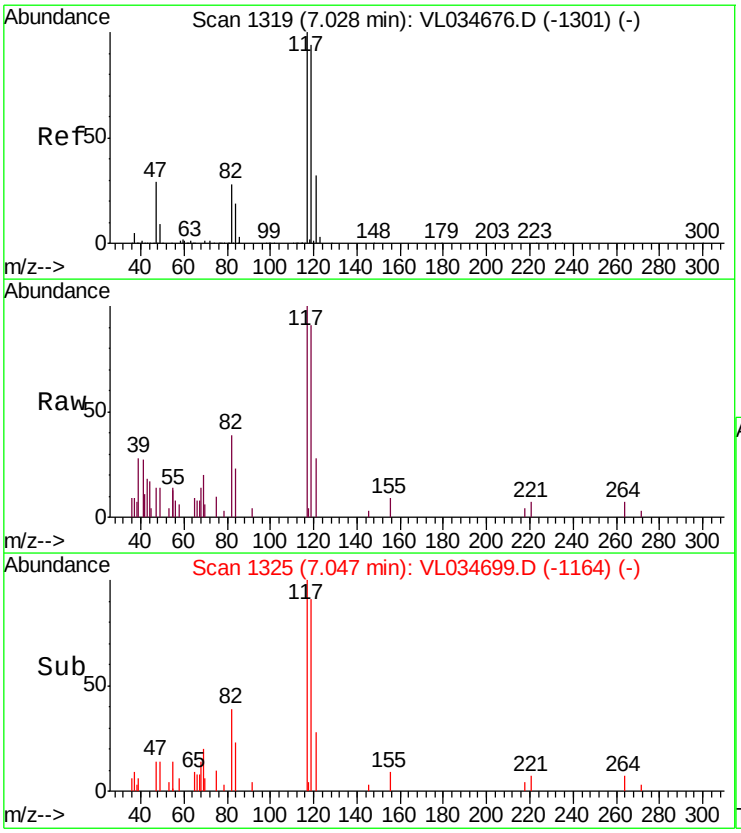
#34
2-Butanone
Concen: 3.668 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 43 Resp: 467851

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.2	27.2

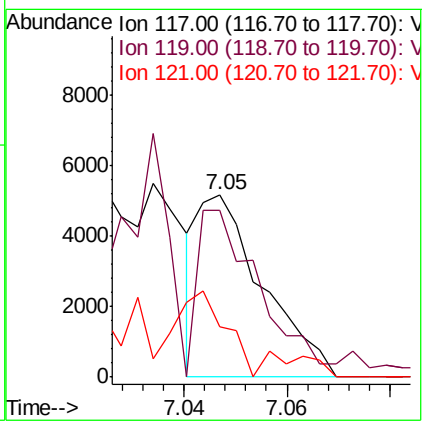


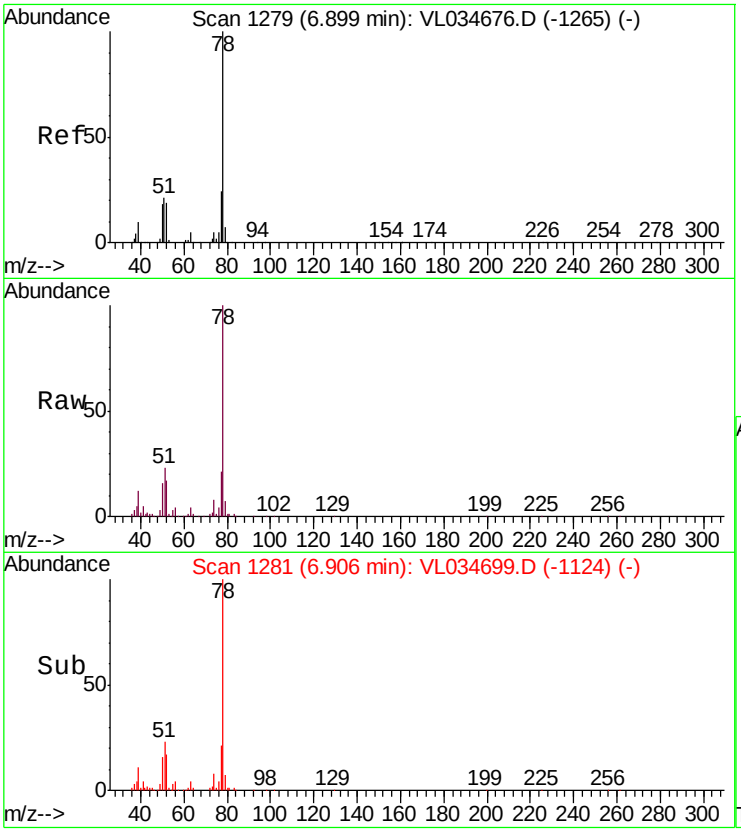


#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.05 min Scan# 1325
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:117 Resp: 4498

Ion	Ratio	Lower	Upper
117	100		
119	87.2	75.5	113.3
121	26.5	25.4	38.0



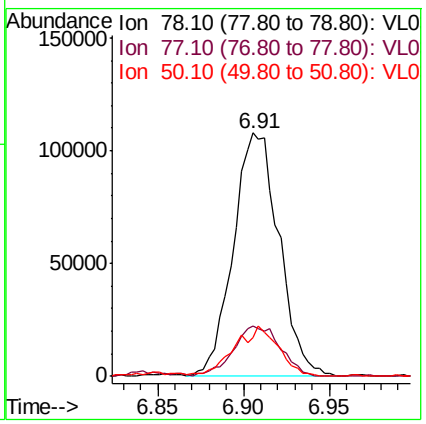


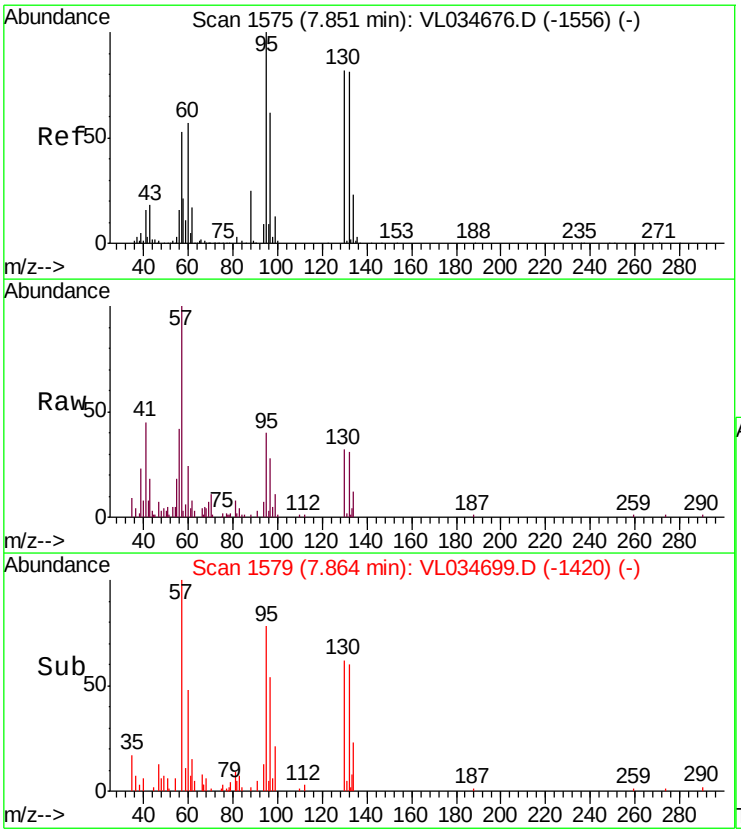
#36
Benzene
Concen: 1.131 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 78 Resp: 197993

Ion	Ratio	Lower	Upper
78	100		
77	20.8	19.5	29.3
50	15.7	14.6	21.8

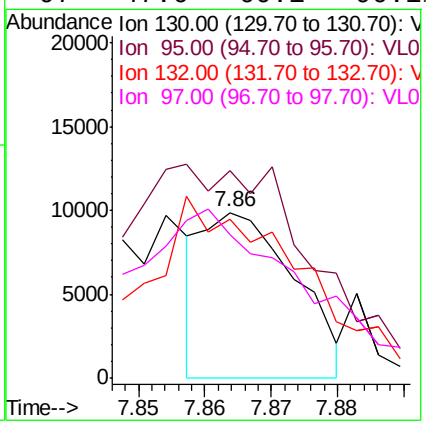


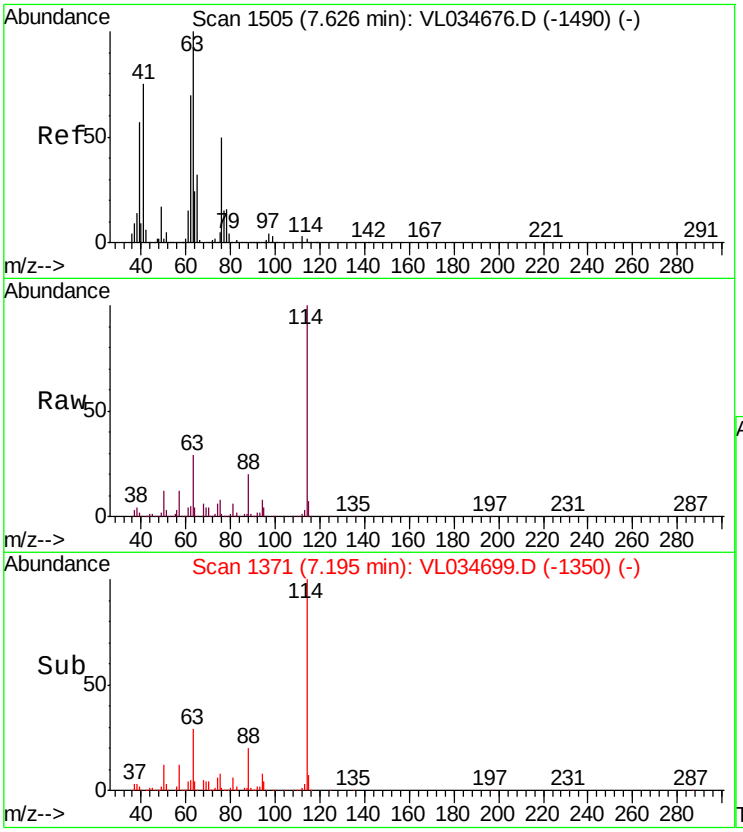


#38
Trichloroethene
Concen: 0.140 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:130 Resp: 9431

Ion	Ratio	Lower	Upper
130	100		
95	78.7	97.1	145.7#
132	78.4	78.3	117.5
97	47.6	60.1	90.1#



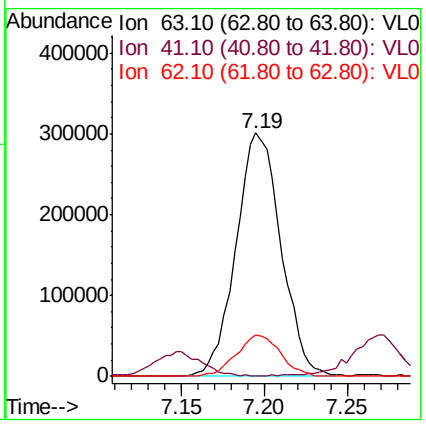


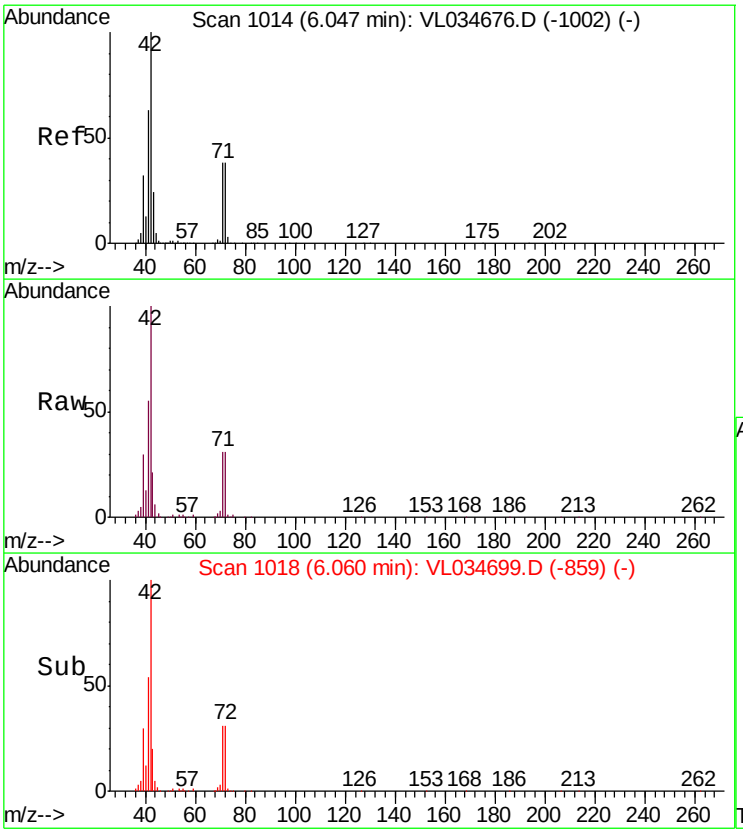
#39
1,2-Dichloropropane
Concen: 8.157 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.43 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 63 Resp: 568053

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.2	90.4#
62	17.1	56.3	84.5#

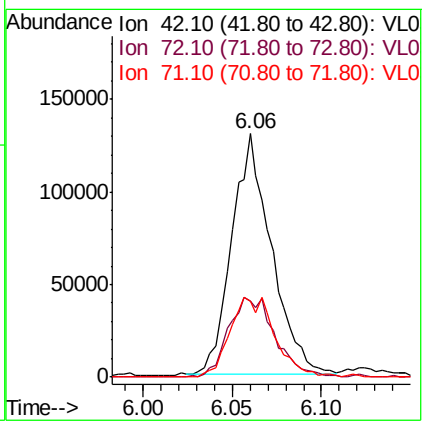


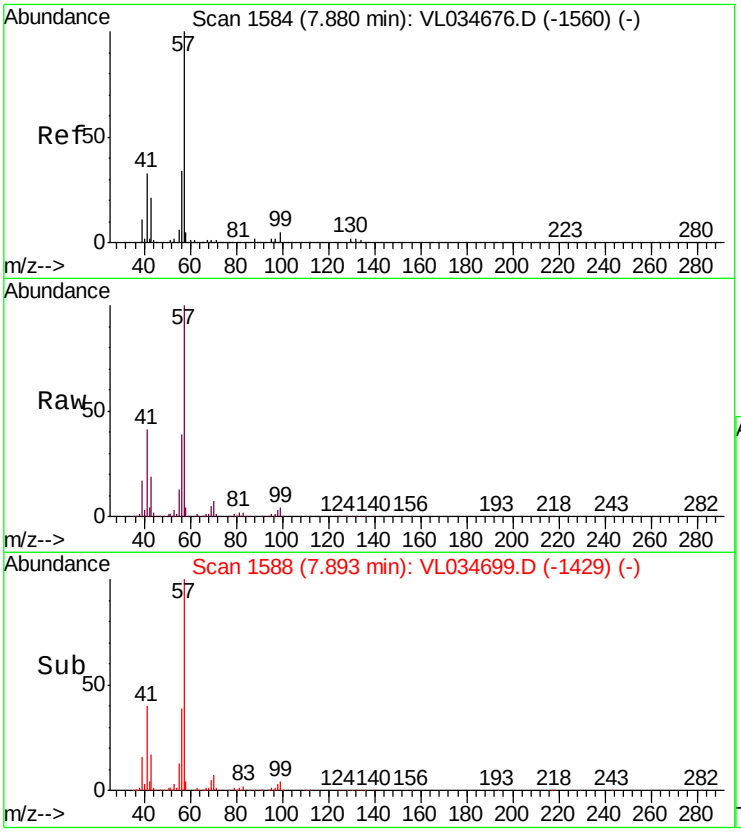


#41
Tetrahydrofuran
Concen: 2.988 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 42 Resp: 201191

Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.7	47.5
71	38.3	30.7	46.1



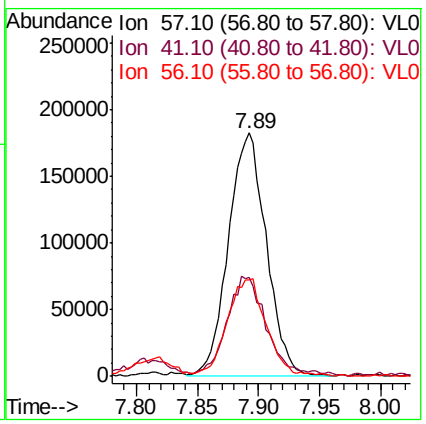


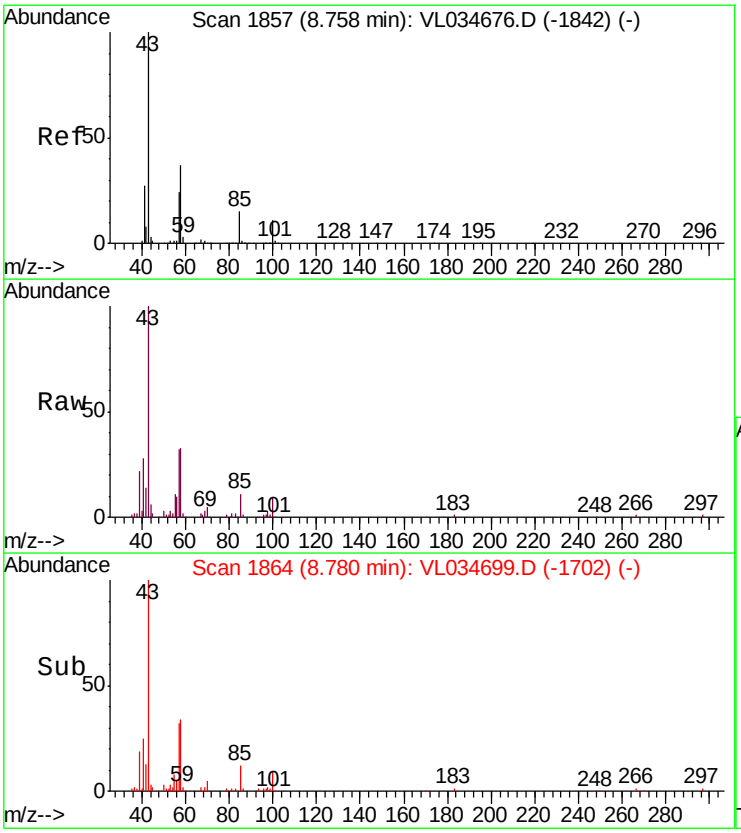
#44
2,2,4-Trimethylpentane
Concen: 1.274 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion: 57 Resp: 389881

Ion	Ratio	Lower	Upper
57	100		
41	43.7	26.0	39.0#
56	41.8	25.6	38.4#

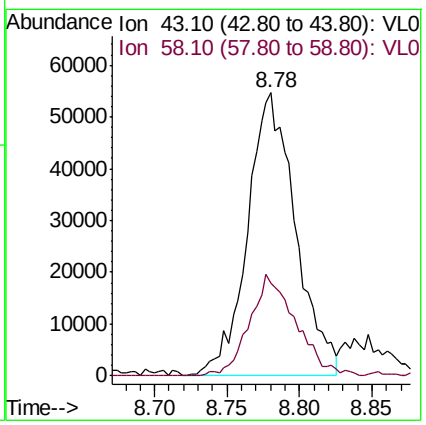


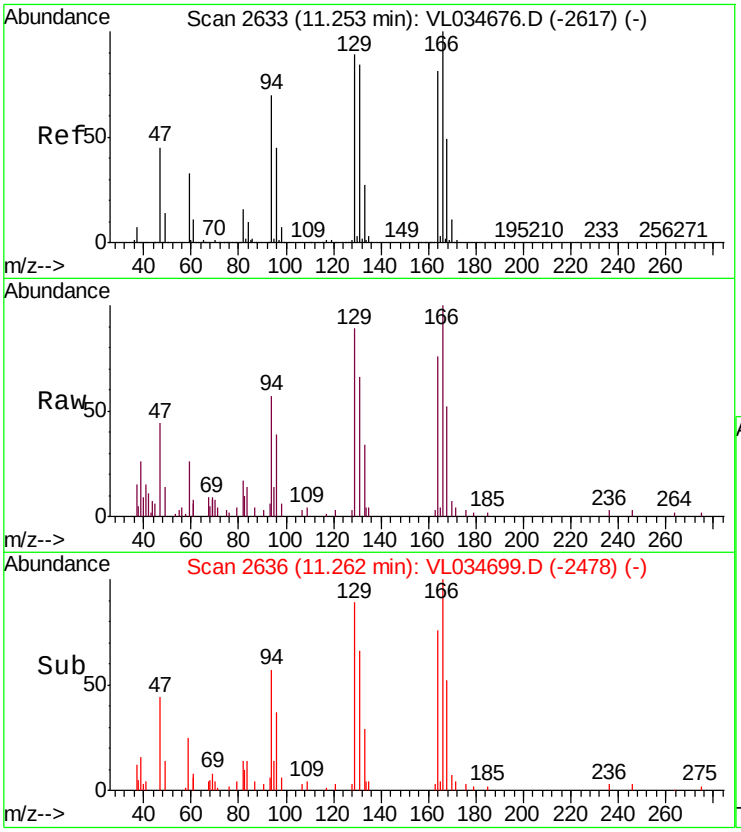


#50
4-Methyl-2-Pentanone
Concen: 0.700 ppbv
RT: 8.78 min Scan# 1864
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 43 Resp: 126522

Ion	Ratio	Lower	Upper
43	100		
58	34.7	29.0	43.6



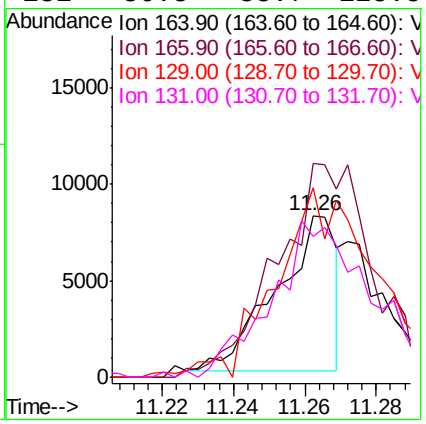


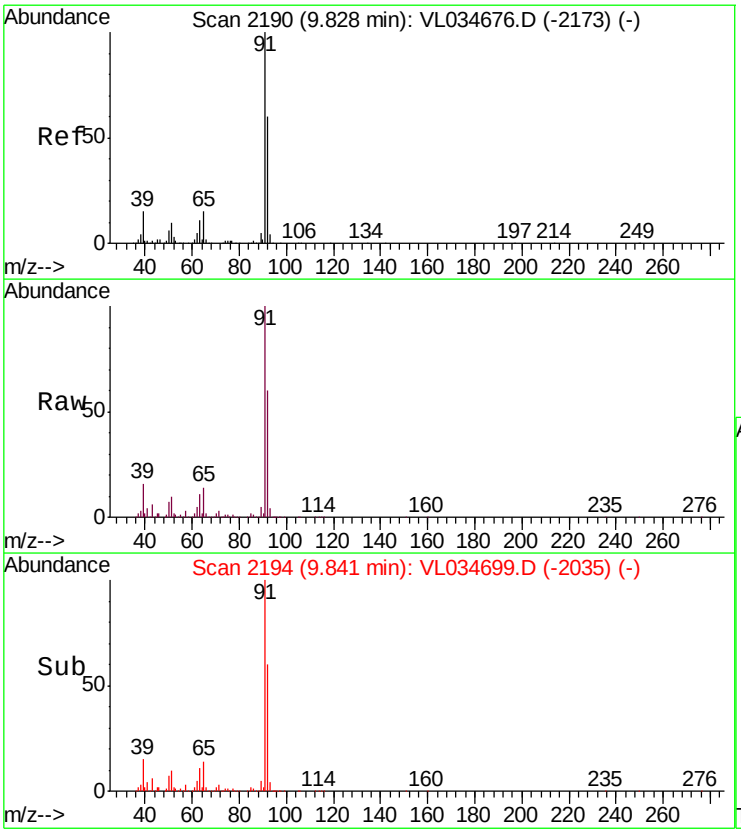
#52
Tetrachloroethene
Concen: 0.146 ppbv
RT: 11.26 min Scan# 2636
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion:164 Resp: 9375

Ion	Ratio	Lower	Upper
164	100		
166	131.2	99.2	148.8
129	118.3	88.0	132.0
131	86.3	83.7	125.5

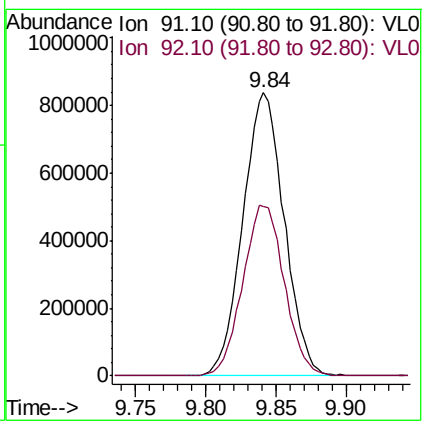


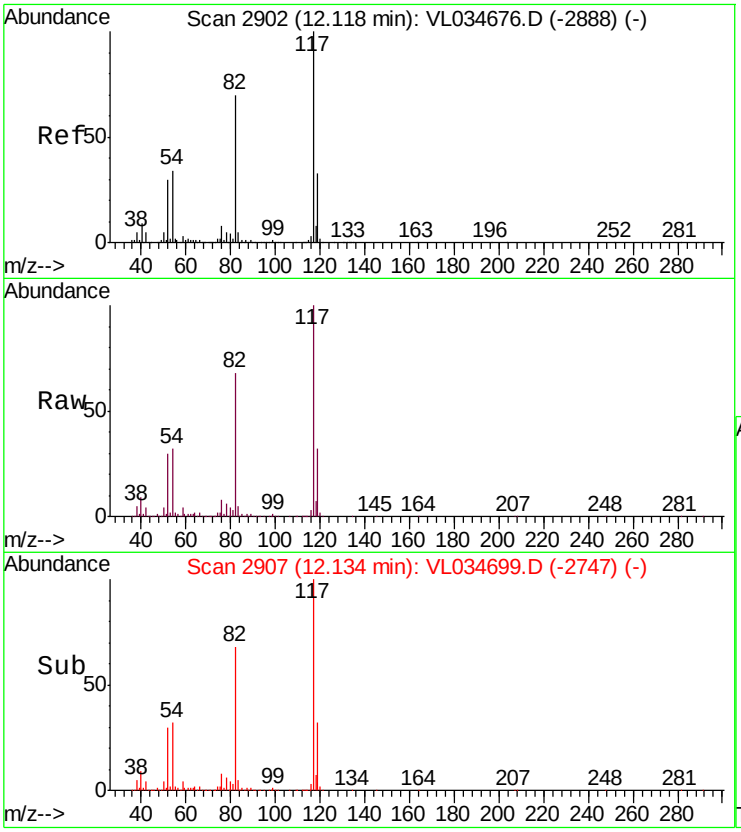


#53
Toluene
Concen: 9.227 ppbv
RT: 9.84 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 91 Resp: 1717770

Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.5	72.7



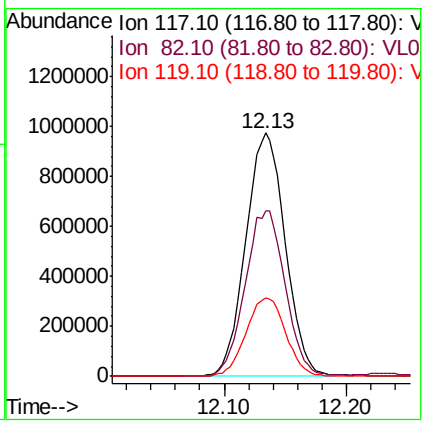


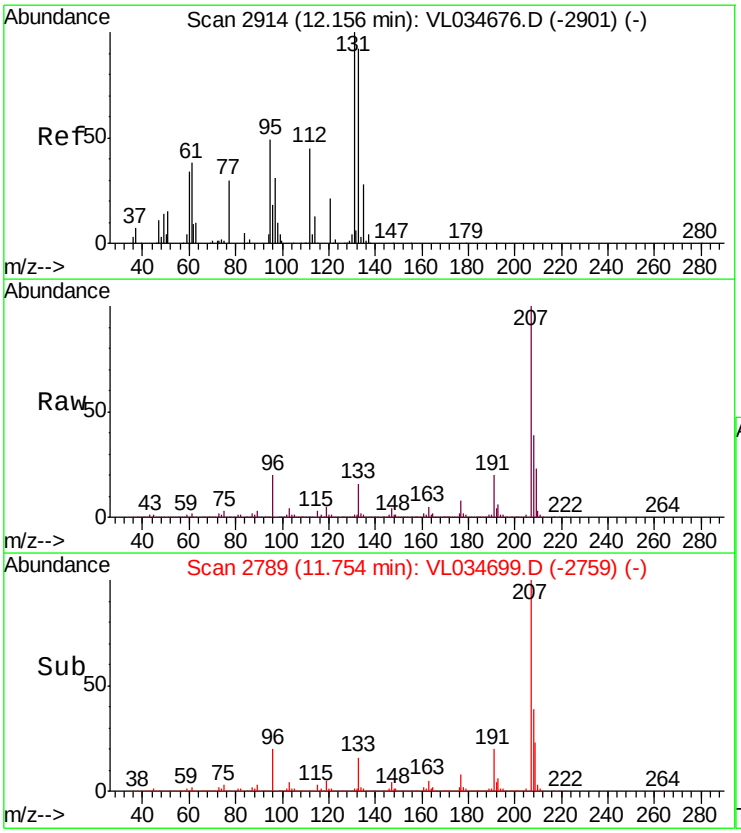
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion:117 Resp: 2176031

Ion	Ratio	Lower	Upper
117	100		
82	69.0	54.1	81.1
119	32.6	27.6	41.4

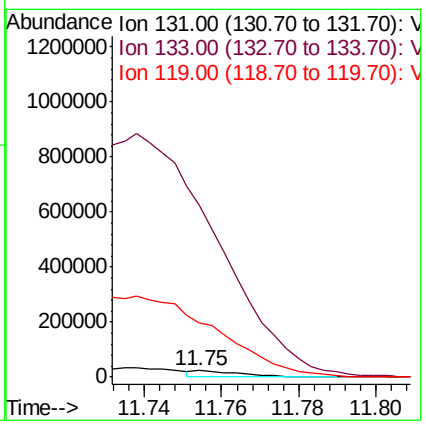


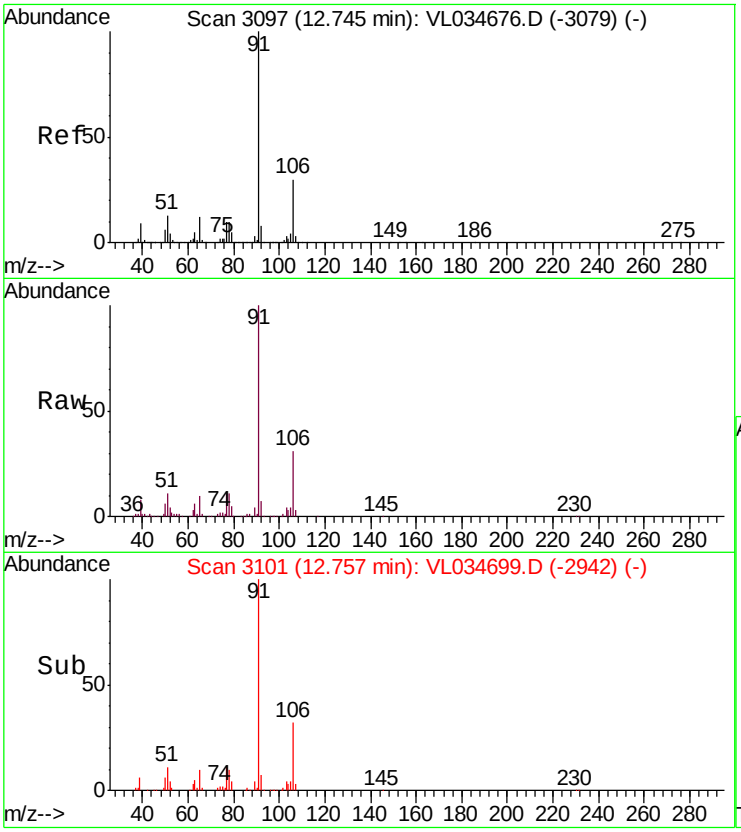


#56
1,1,1,2-Tetrachloroethane
Concen: 0.225 ppbv
RT: 11.75 min Scan# 2789
Delta R.T. -0.40 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:131 Resp: 20831

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.6	114.8#
119	0.0	51.3	76.9#



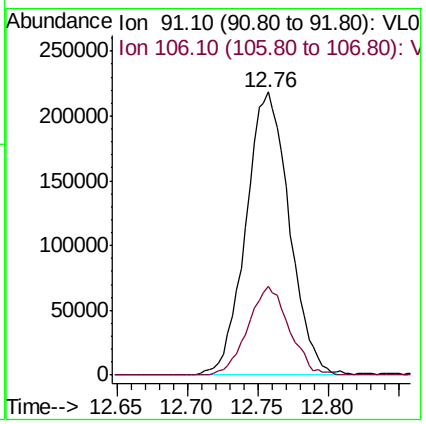


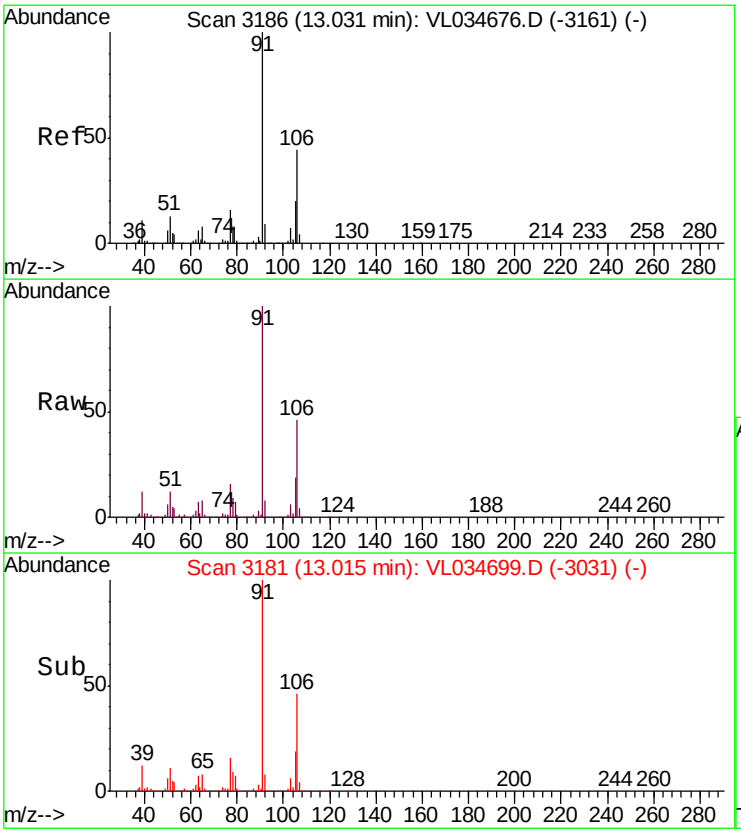
#58
Ethyl Benzene
Concen: 1.777 ppbv
RT: 12.76 min Scan# 3101
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 91 Resp: 467881

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.0	36.0

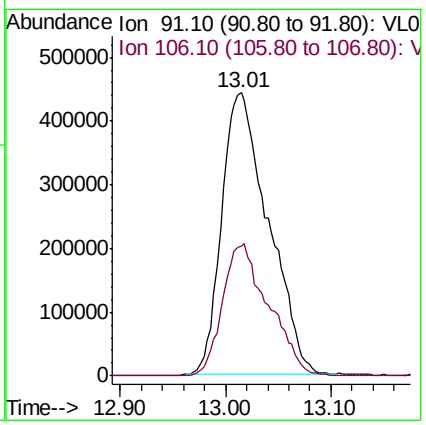


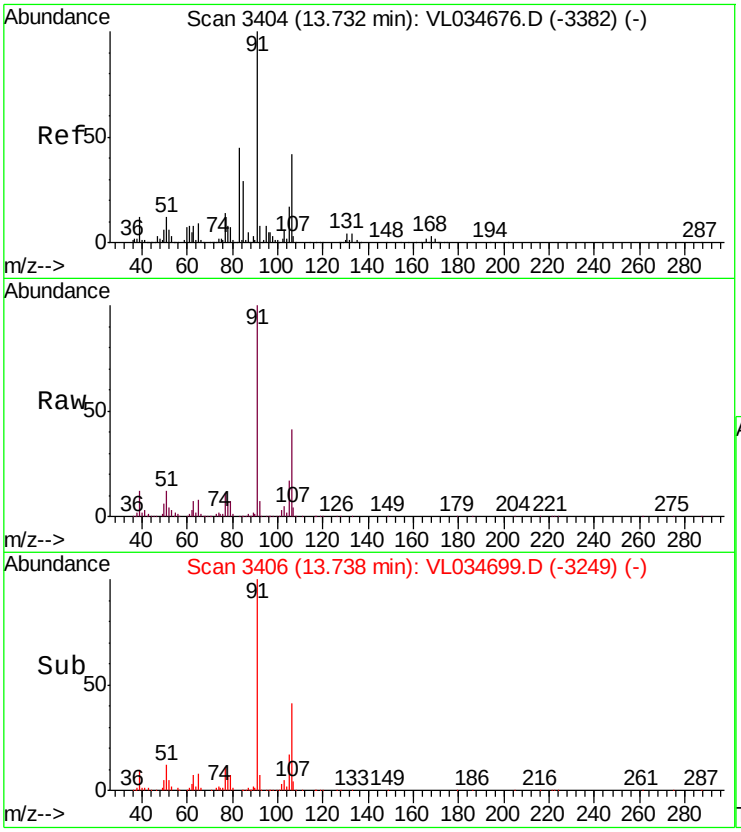


#59
m/p-Xylene
Concen: 5.927 ppbv
RT: 13.01 min Scan# 3181
Delta R.T. -0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 91 Resp: 1360965

Ion	Ratio	Lower	Upper
91	100		
106	46.1	35.6	53.4



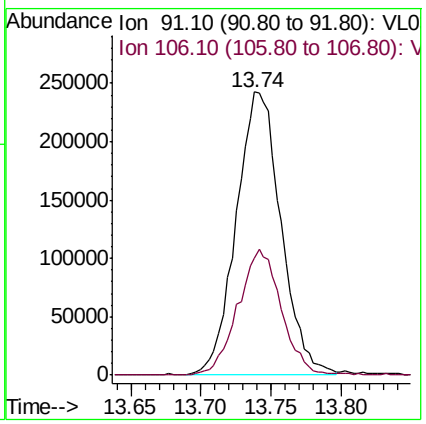


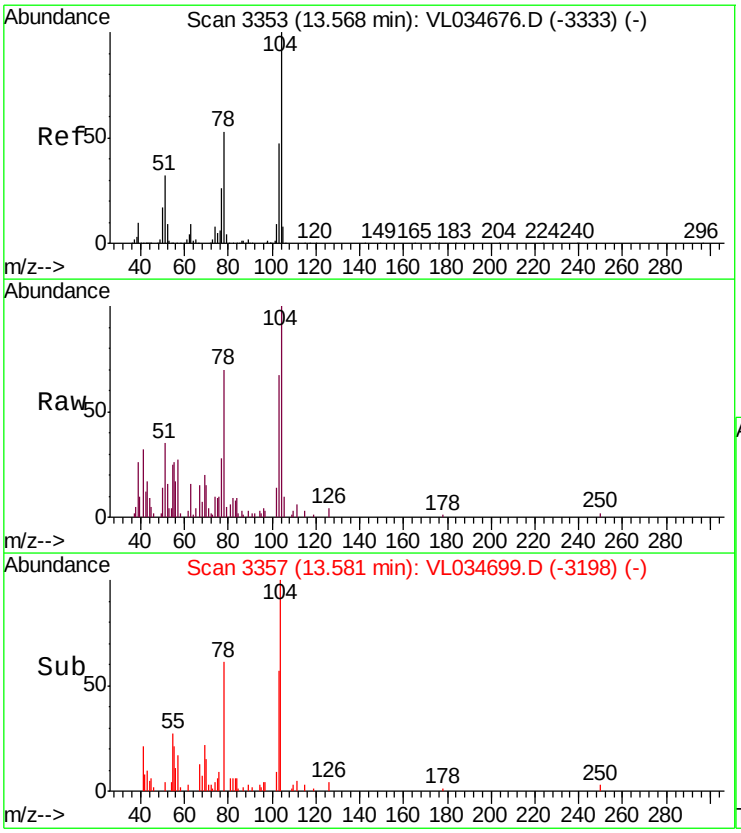
#60
o-Xylene
Concen: 2.354 ppbv
RT: 13.74 min Scan# 3406
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 91 Resp: 536454

Ion	Ratio	Lower	Upper
91	100		
106	43.3	21.9	65.5

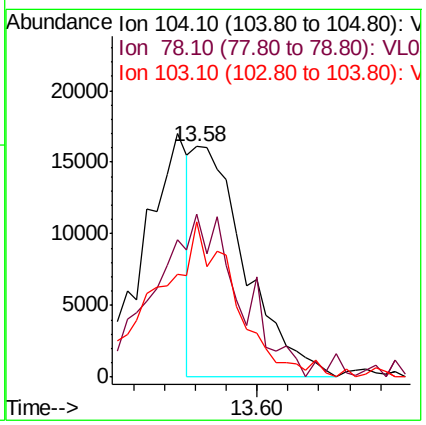


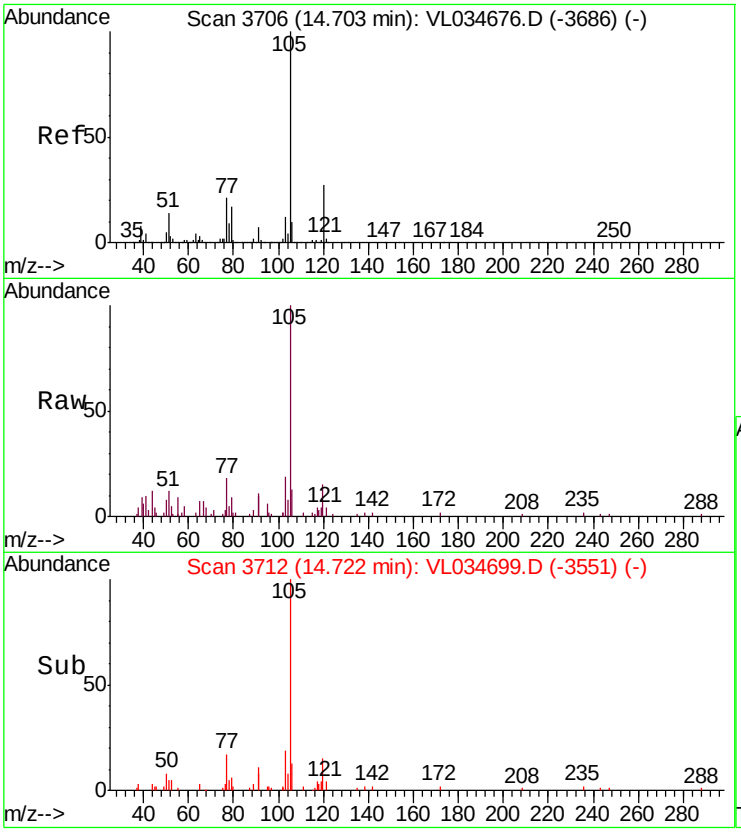


#61
Styrene
Concen: 0.130 ppbv
RT: 13.58 min Scan# 3357
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:104 Resp: 19038

Ion	Ratio	Lower	Upper
104	100		
78	118.1	44.2	66.4#
103	103.3	37.4	56.0#



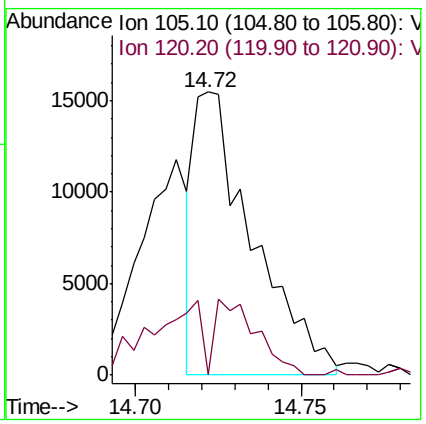


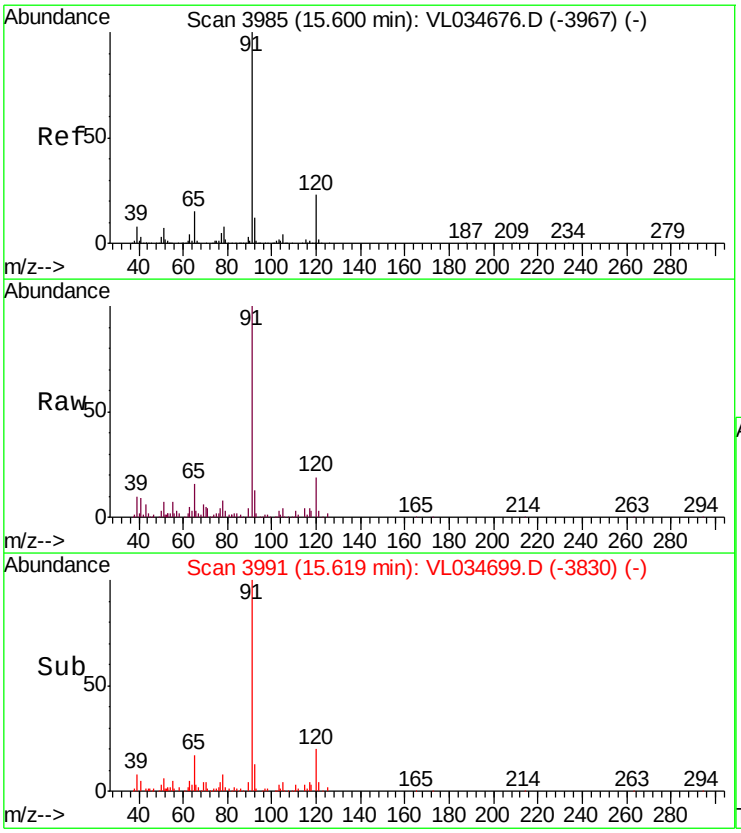
#62
Isopropylbenzene
Concen: 0.057 ppbv
RT: 14.72 min Scan# 3712
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion:105 Resp: 18933

Ion	Ratio	Lower	Upper
105	100		
120	23.4	20.2	30.4

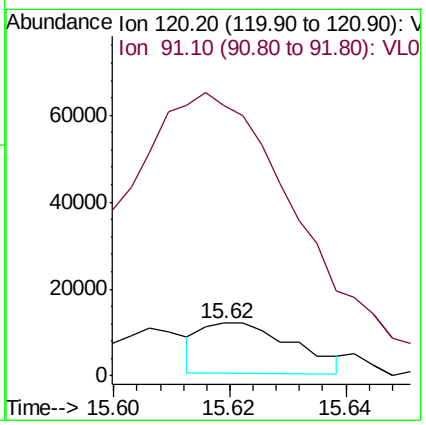


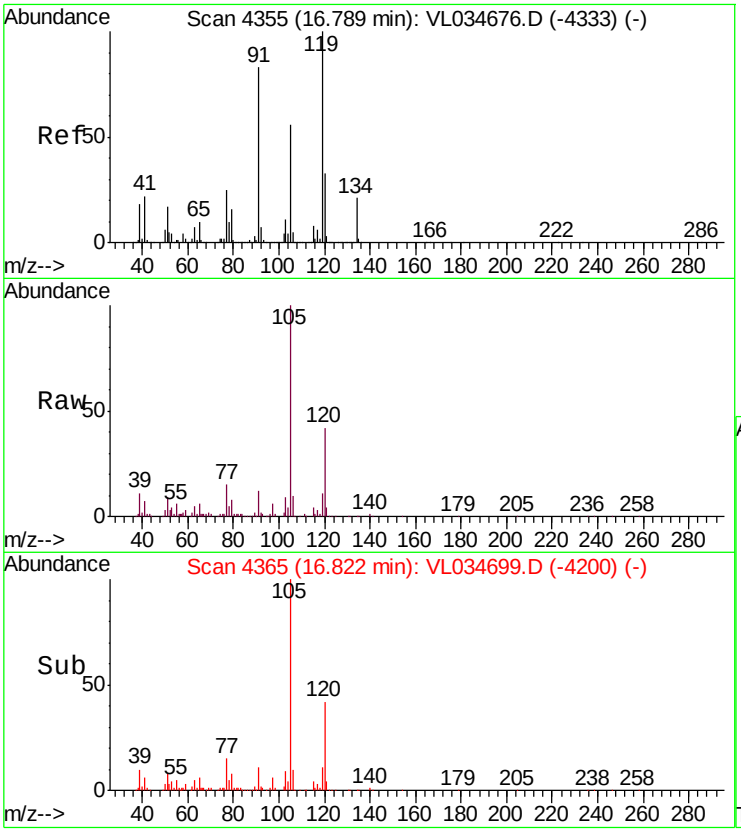


#64
n-propylbenzene
Concen: 0.149 ppbv
RT: 15.62 min Scan# 3991
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:120 Resp: 12783

Ion	Ratio	Lower	Upper
120	100		
91	1208.0	369.8	554.8#



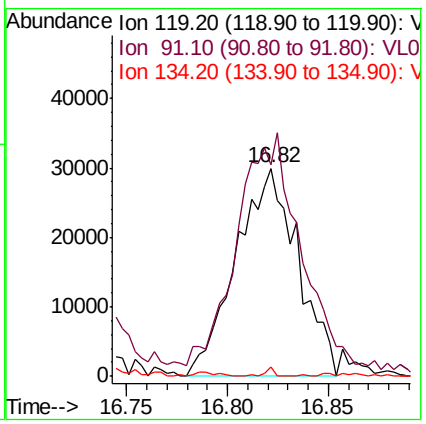


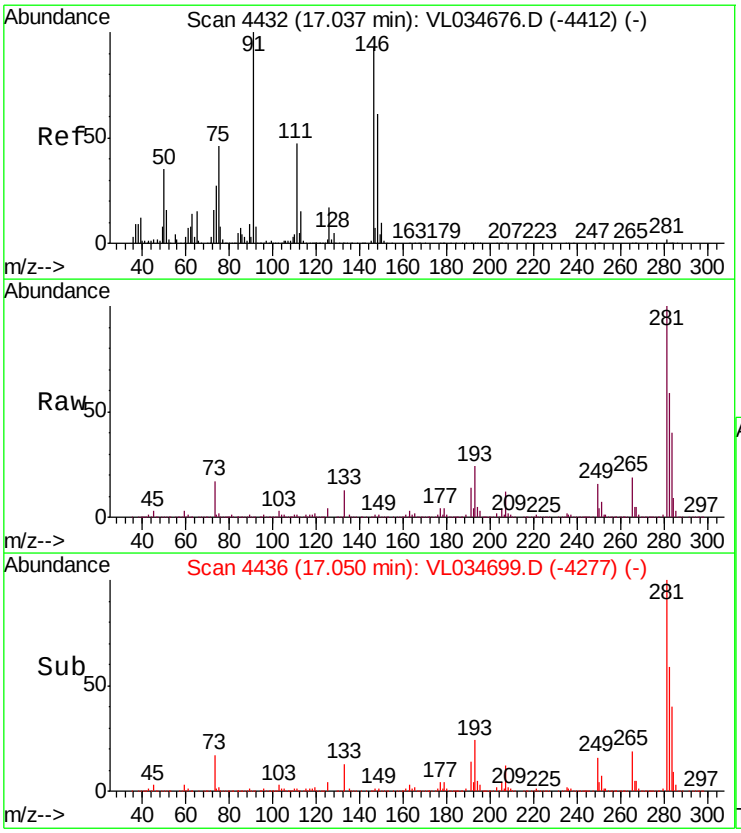
#65
tert-Butylbenzene
Concen: 0.224 ppbv
RT: 16.82 min Scan# 4365
Delta R.T. 0.03 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion:119 Resp: 64238

Ion	Ratio	Lower	Upper
119	100		
91	124.7	69.1	103.7#
134	4.1	15.8	23.8#

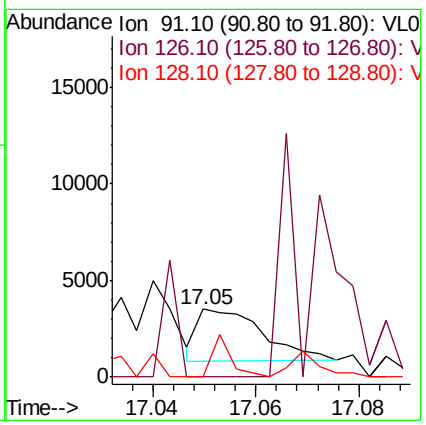


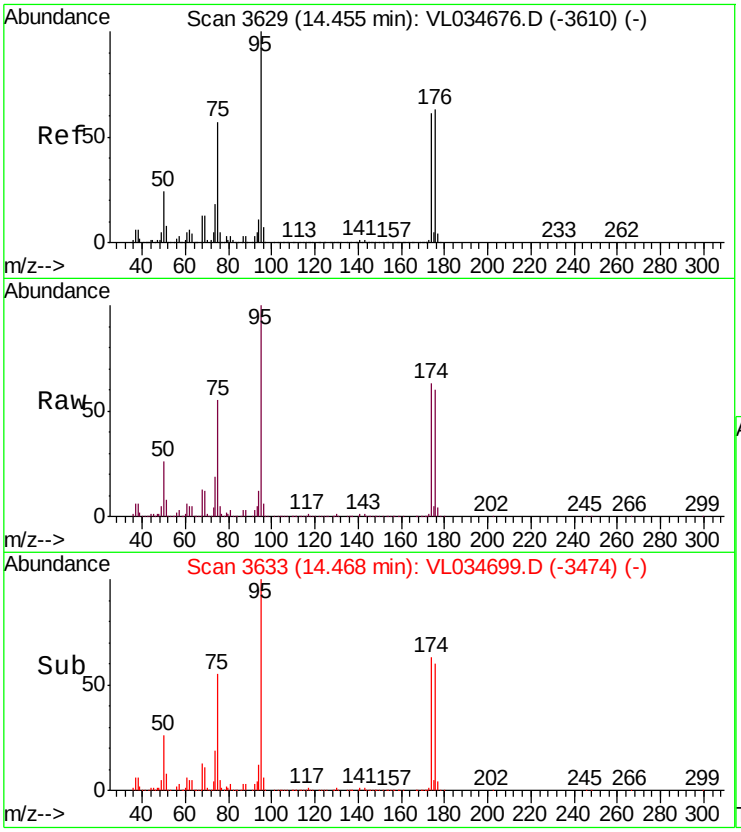


#66
Benzyl Chloride
Concen: 0.022 ppbv
RT: 17.05 min Scan# 4436
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 91 Resp: 2399

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.5	20.3#
128	29.6	4.2	6.4#



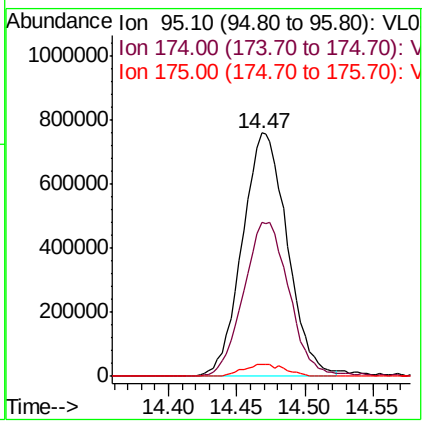


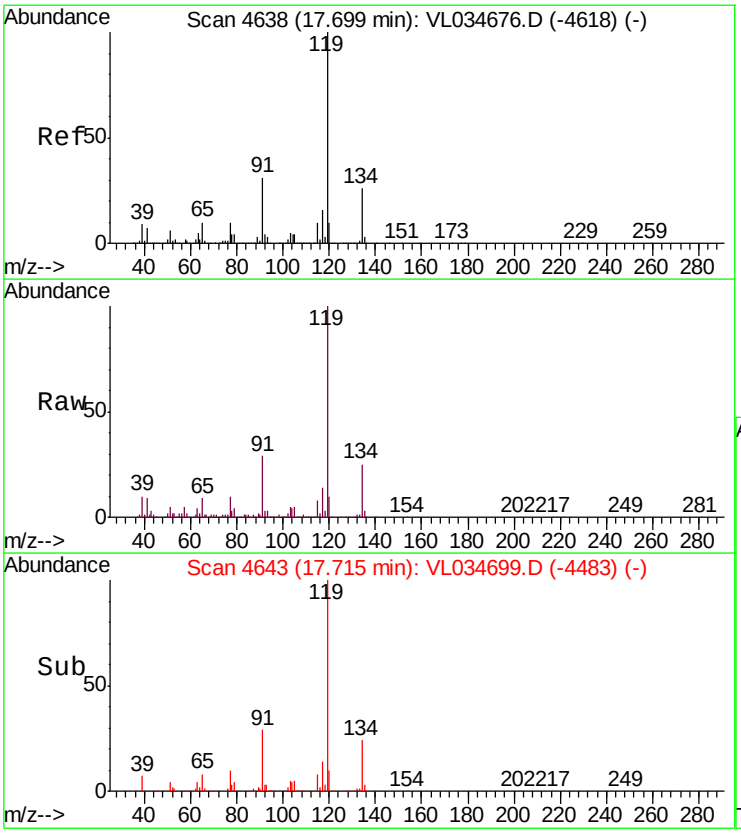
#68
1-Bromo-4-Fluorobenzene
Concen: 9.725 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 95 Resp: 1735134

Ion	Ratio	Lower	Upper
95	100		
174	64.7	50.7	76.1
175	4.8	3.9	5.9

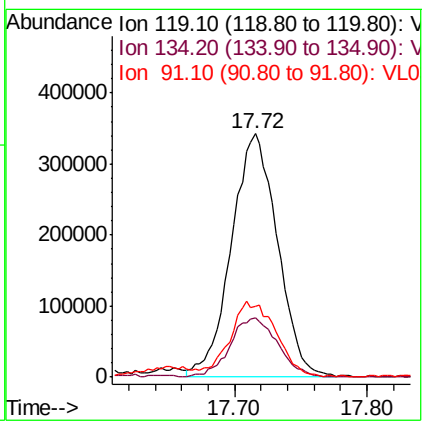


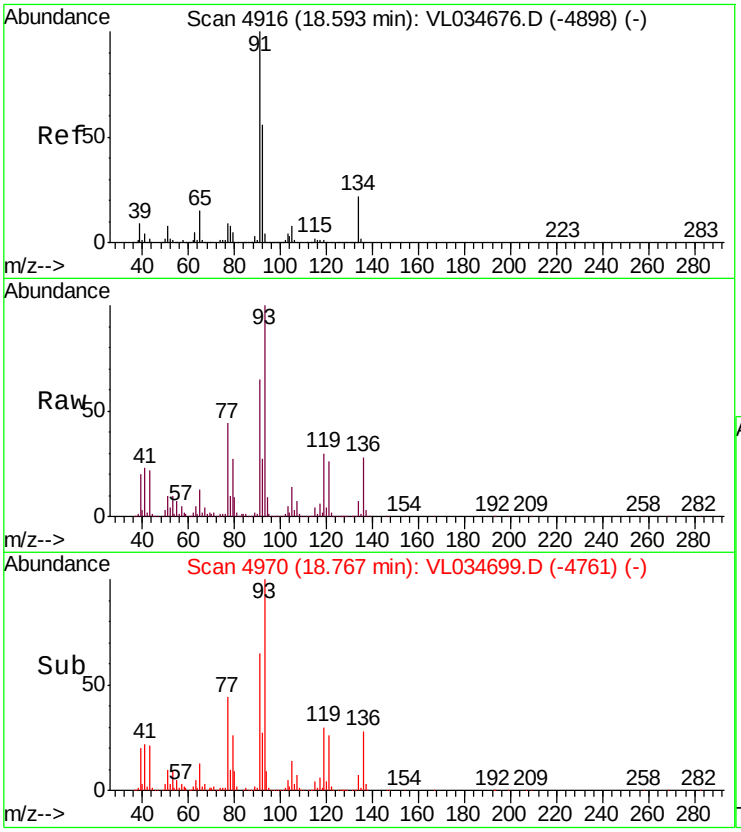


#69
p-Isopropyltoluene
Concen: 2.418 ppbv
RT: 17.72 min Scan# 4643
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:119 Resp: 821988

Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.6	31.0
91	31.2	25.3	37.9



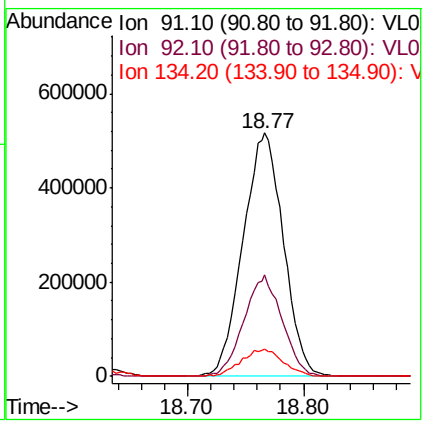


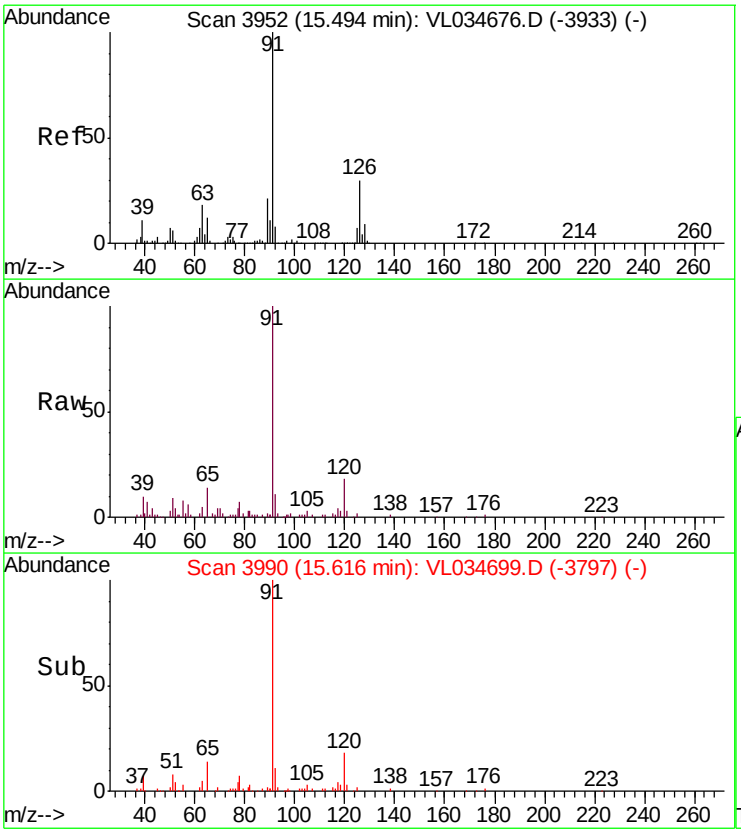
#70
n-Butylbenzene
Concen: 3.357 ppbv
RT: 18.77 min Scan# 4970
Delta R.T. 0.17 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument : MSVOA_L
ClientSampleId : EP-103

Tgt Ion: 91 Resp: 1242958

Ion	Ratio	Lower	Upper
91	100		
92	39.5	43.8	65.6#
134	11.8	17.6	26.4#

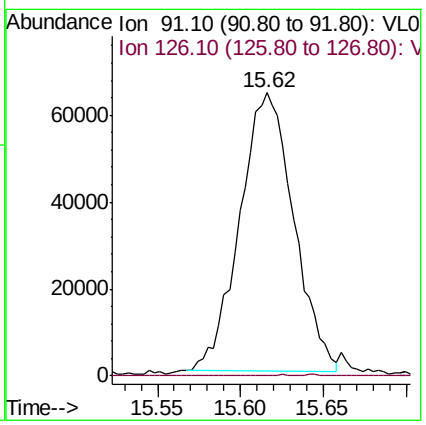


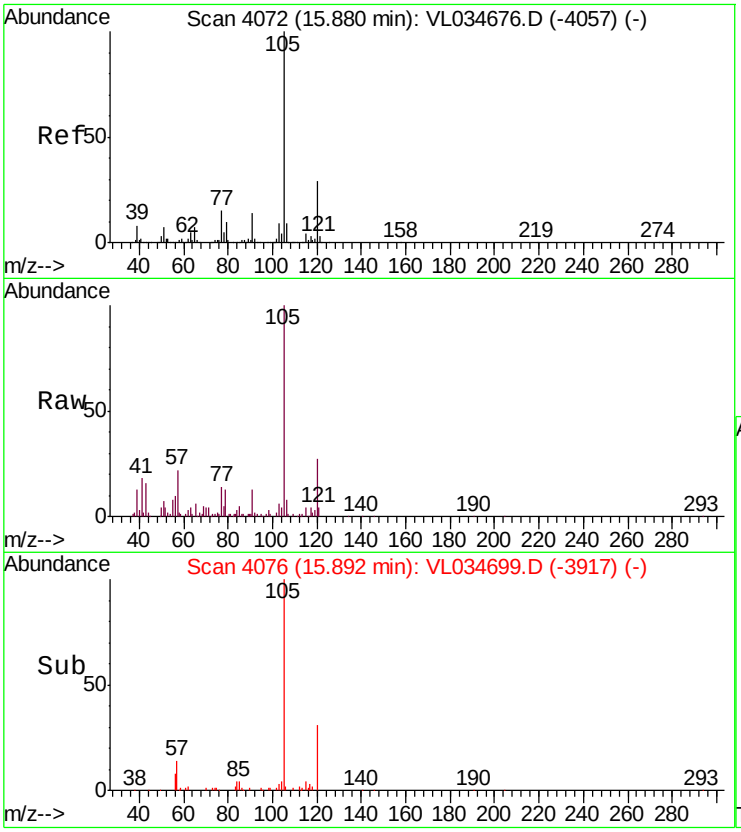


#71
2-Chlorotoluene
Concen: 0.562 ppbv
RT: 15.62 min Scan# 3990
Delta R.T. 0.12 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion: 91 Resp: 144637

Ion	Ratio	Lower	Upper
91	100		
126	0.3	11.8	47.2#



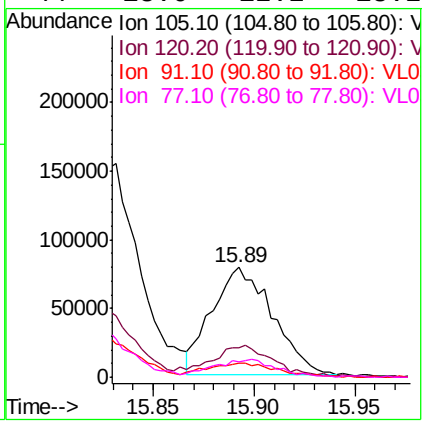


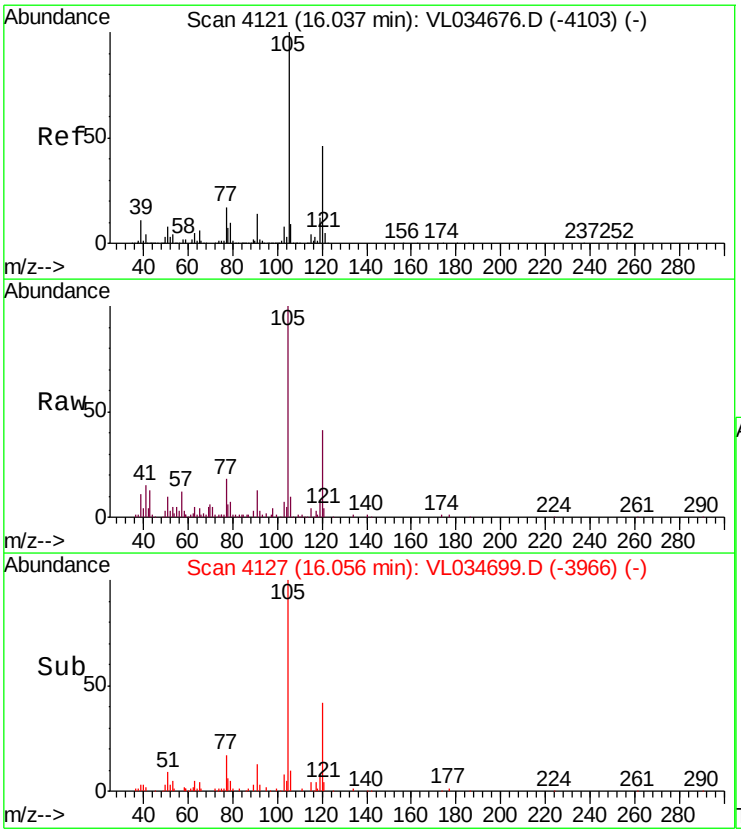
#72
4-Ethyltoluene
Concen: 0.648 ppbv
RT: 15.89 min Scan# 4076
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion:105 Resp: 164397

Ion	Ratio	Lower	Upper
105	100		
120	31.0	23.7	35.5
91	16.3	10.9	16.3
77	18.0	12.2	18.2

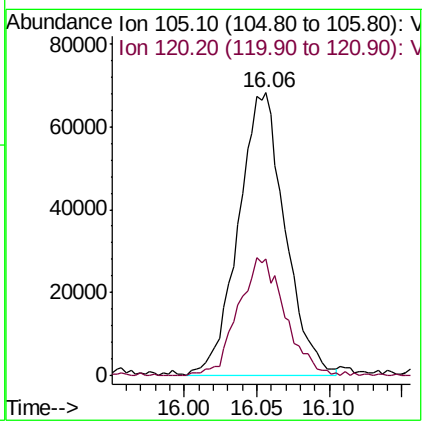


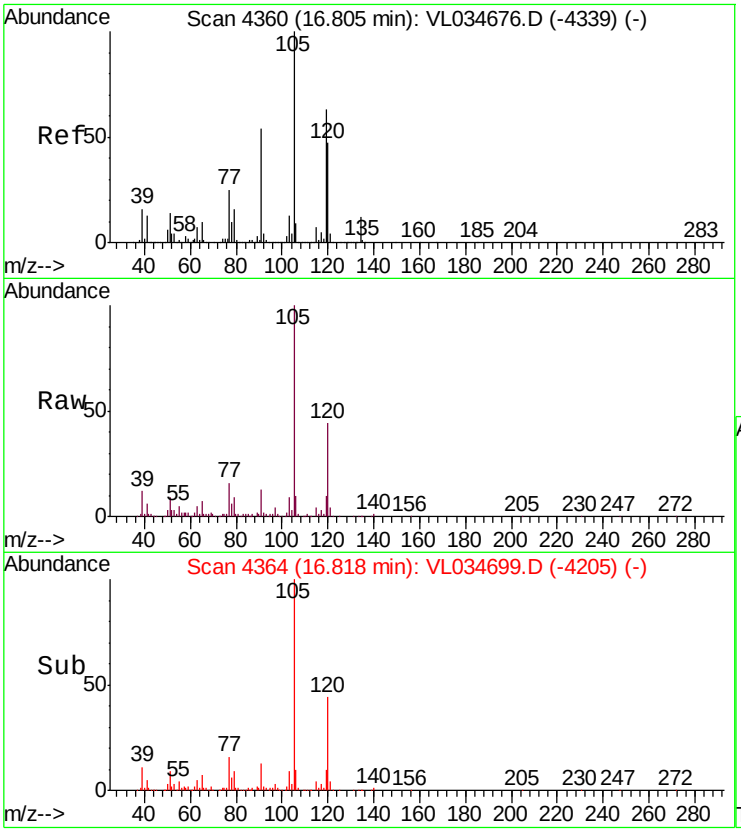


#73
1,3,5-Trimethylbenzene
Concen: 0.627 ppbv
RT: 16.06 min Scan# 4127
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:105 Resp: 152866

Ion	Ratio	Lower	Upper
105	100		
120	41.3	37.1	55.7



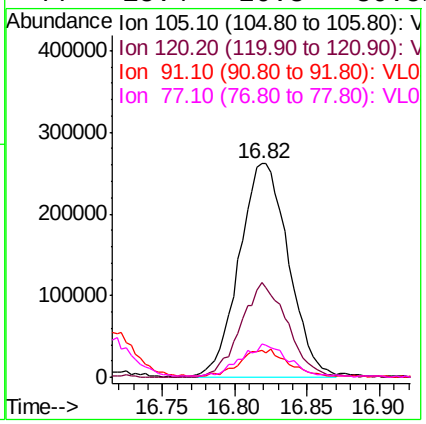


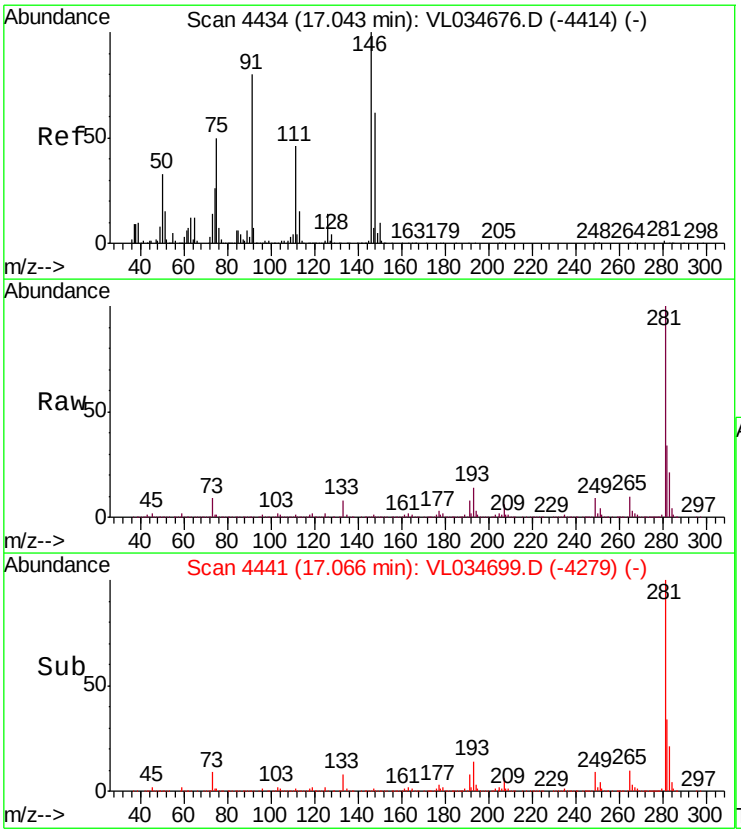
#74
1,2,4-Trimethylbenzene
Concen: 2.285 ppbv
RT: 16.82 min Scan# 4364
Delta R.T. 0.01 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion:105 Resp: 615615

Ion	Ratio	Lower	Upper
105	100		
120	44.3	37.9	56.9
91	12.0	43.9	65.9#
77	15.4	20.3	30.5#

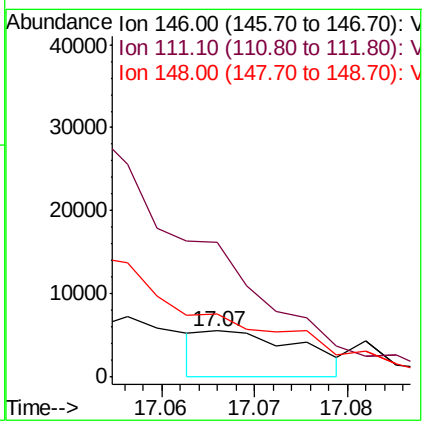


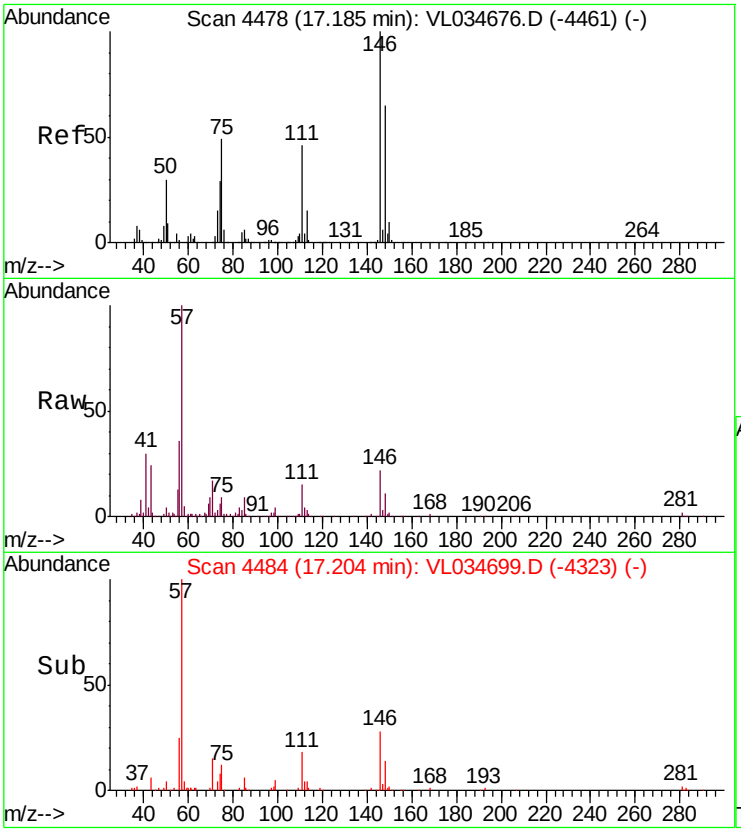


#75
1,3-Dichlorobenzene
Concen: 0.026 ppbv
RT: 17.07 min Scan# 4441
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:146 Resp: 4068

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.2#
148	0.0	32.5	97.4#



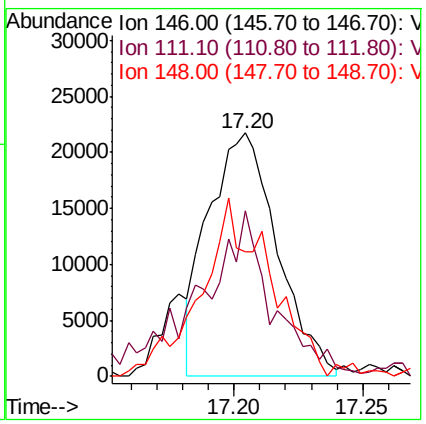


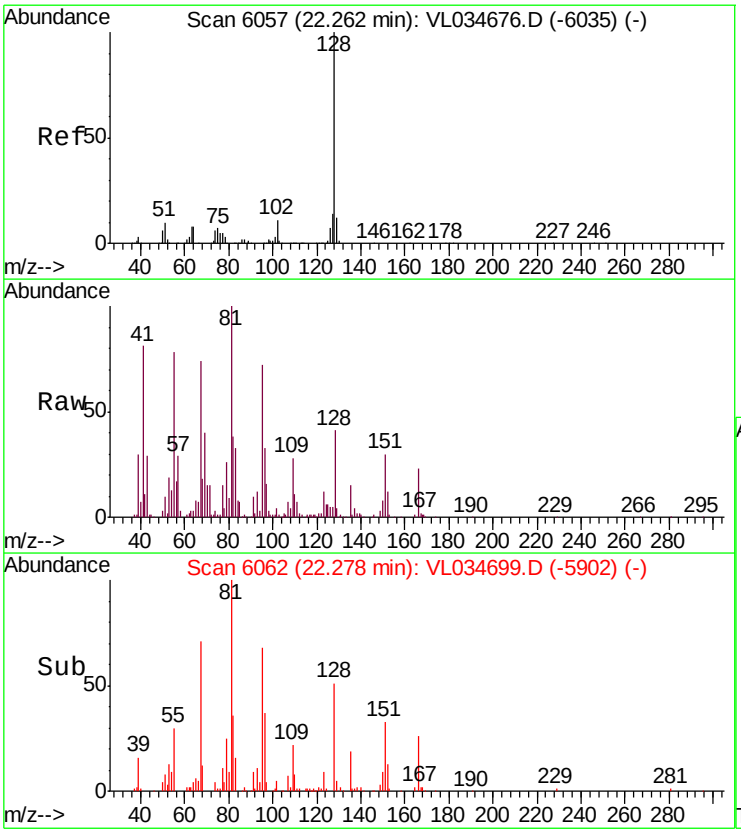
#76
1,4-Dichlorobenzene
Concen: 0.261 ppbv
RT: 17.20 min Scan# 4484
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion:146 Resp: 40609

Ion	Ratio	Lower	Upper
146	100		
111	73.9	23.4	70.0#
148	75.7	31.9	95.5

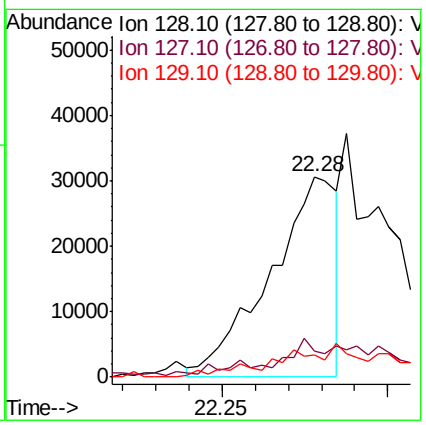


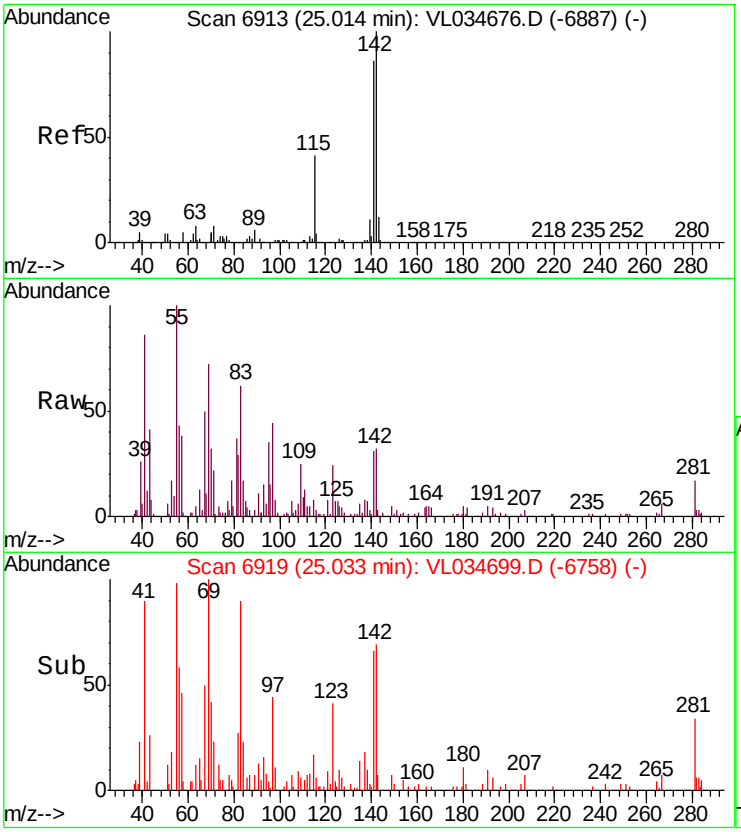


#79
Naphthalene
Concen: 0.180 ppbv
RT: 22.28 min Scan# 6062
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Tgt Ion:128 Resp: 42623

Ion	Ratio	Lower	Upper
128	100		
127	11.4	11.0	16.6
129	10.4	9.4	14.2





#80
Naphthalene,2-methyl-
Concen: 0.210 ppbv
RT: 25.03 min Scan# 6919
Delta R.T. 0.02 min
Lab File: VL034699.D
Acq: 26 Feb 2020 22:34

Instrument :
MSVOA_L
ClientSampleId :
EP-103

Tgt Ion:142 Resp: 15365

Ion	Ratio	Lower	Upper
142	100		
141	86.0	66.5	99.7
115	60.1	30.6	46.0#