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

Quantitation Report (Not Reviewed)

Data File : VL033769.D
Acq On : 23 May 2019 10:25
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 24 04:21:13 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	923100	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2172776	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2331950	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1833059	9.70	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	1540925	7.921	ppbv		99
3) Chlorodifluoromethane	3.01	51	1089649	10.305	ppbv		99
4) Chloromethane	3.16	50	621057	10.269	ppbv		98
5) Vinyl Chloride	3.29	62	631458	10.250	ppbv		99
6) Bromomethane	3.51	94	401313	10.676	ppbv		96
7) Chloroethane	3.60	64	235683	10.765	ppbv		100
8) Dichlorotetrafluoroethane	3.21	85	1620248	10.331	ppbv		100
9) Propene	3.03	41	469768	10.445	ppbv		100
10) Heptane	8.24	43	1329110	10.436	ppbv		99
11) Trichlorofluoromethane	4.00	101	1925431	10.370	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1299456	10.022	ppbv		100
13) Ethanol	3.65	45	77891	5.358	ppbv		94
14) Bromoethene	3.78	108	521055	10.931	ppbv		99
15) Acetone	3.89	43	1192732	9.313	ppbv		99
16) 1,3-Butadiene	3.36	39	557731	10.935	ppbv		100
17) tert-Butyl alcohol	4.35	59	1005431	9.708	ppbv		100
18) 1,1-Dichloroethene	4.34	96	572278	10.457	ppbv		99
19) Isopropyl Alcohol	4.02	45	714696	8.655	ppbv	#	98
20) Methylene Chloride	4.40	84	487914	9.894	ppbv		96
21) Allyl Chloride	4.47	41	836459	10.471	ppbv		100
22) trans-1,2-Dichloroethene	4.96	96	592722	10.566	ppbv		97
23) Vinyl Acetate	5.15	43	1832933	10.854	ppbv		99
24) 1,1-Dichloroethane	5.09	63	1297273	10.106	ppbv		99
25) Ethyl Acetate	5.76	43	2242405	9.967	ppbv		100
26) Hexane	5.77	57	977826	10.110	ppbv		98
27) Carbon Disulfide	4.62	76	1464063	11.033	ppbv		99
28) Methyl tert-Butyl Ether	5.11	73	1633418	10.359	ppbv		100
29) Chloroform	5.84	83	1681235	9.436	ppbv		99
30) Cyclohexane	7.24	84	828360	10.187	ppbv		100
31) cis-1,2-Dichloroethene	5.63	61	1012836	10.561	ppbv		98
32) 1,1,1-Trichloroethane	6.61	97	1714145	9.636	ppbv		99
34) 2-Butanone	5.32	43	1449680	10.764	ppbv		100
35) Carbon Tetrachloride	7.13	117	1848489	10.620	ppbv		99
36) Benzene	7.00	78	2012766	10.184	ppbv		99
37) 1,2-Dichloroethane	6.41	62	1303952	10.227	ppbv		100
38) Trichloroethene	7.96	130	859197	11.715	ppbv		98
39) 1,2-Dichloropropane	7.73	63	774767	10.514	ppbv		96
40) 1,4-Dioxane	7.95	88	285057	9.248	ppbv	#	95
41) Tetrahydrofuran	6.14	42	804665	10.664	ppbv		100
42) Bromodichloromethane	7.91	83	1930909	11.062	ppbv		95
43) Methyl Methacrylate	8.13	69	858066	11.797	ppbv		99

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

Quantitation Report (Not Reviewed)

Data File : VL033769.D
Acq On : 23 May 2019 10:25
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 24 04:21:13 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)
44) 2,2,4-Trimethylpentane	7.98	57	3619903	10.837	ppbv		99
45) t-1,3-Dichloropropene	9.41	75	1098798	11.916	ppbv		99
46) cis-1,3-Dichloropropene	8.83	75	1240409	11.488	ppbv		96
47) 1,1,2-Trichloroethane	9.61	97	857275	10.241	ppbv		99
48) Dibromochloromethane	10.44	129	1565762	10.795	ppbv		99
49) Bromoform	13.19	173	1502761	12.313	ppbv		99
50) 4-Methyl-2-Pentanone	8.86	43	2195384	10.598	ppbv		100
51) 2-Hexanone	10.26	43	1805609	11.168	ppbv	#	99
52) Tetrachloroethene	11.36	164	770616	11.092	ppbv		97
53) Toluene	9.94	91	2378312	11.156	ppbv		100
54) 1,2-Dibromoethane	10.75	107	1341486	10.501	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.27	131	1065694	9.876	ppbv		98
57) Chlorobenzene	12.29	112	1866034	9.721	ppbv		97
58) Ethyl Benzene	12.86	91	3334144	10.797	ppbv		100
59) m/p-Xylene	13.14	91	2765851	10.246	ppbv	#	23
60) o-Xylene	13.84	91	2861613	10.516	ppbv		99
61) Styrene	13.68	104	2133650	11.646	ppbv		99
62) Isopropylbenzene	14.82	105	3787529	10.335	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.83	83	2023144	10.223	ppbv		99
64) n-propylbenzene	15.72	120	980681	10.345	ppbv		98
65) tert-Butylbenzene	16.90	119	3493004	10.440	ppbv		99
66) Benzyl Chloride	17.15	91	1784288	11.196	ppbv		100
67) sec-Butylbenzene	17.45	105	4857591	10.372	ppbv		99
69) p-Isopropyltoluene	17.81	119	3984052	10.293	ppbv		99
70) n-Butylbenzene	18.70	91	4104946	9.889	ppbv		100
71) 2-Chlorotoluene	15.60	91	2876777	10.581	ppbv		100
72) 4-Ethyltoluene	15.99	105	3320633	10.673	ppbv		100
73) 1,3,5-Trimethylbenzene	16.15	105	3178390	10.470	ppbv		97
74) 1,2,4-Trimethylbenzene	16.92	105	3337283	10.101	ppbv		98
75) 1,3-Dichlorobenzene	17.15	146	1922302	9.495	ppbv		100
76) 1,4-Dichlorobenzene	17.30	146	1882628	9.784	ppbv		100
77) 1,2-Dichlorobenzene	17.98	146	1848194	9.715	ppbv		99
78) Hexachloro-1,3-Butadiene	23.53	225	1375554	9.564	ppbv		99
79) Naphthalene	22.40	128	2784591	9.074	ppbv		99
80) Naphthalene,2-methyl-	25.10	142	1237710	10.615	ppbv		99
81) 1,2,4-Trichlorobenzene	22.12	180	1568916	8.731	ppbv		99

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

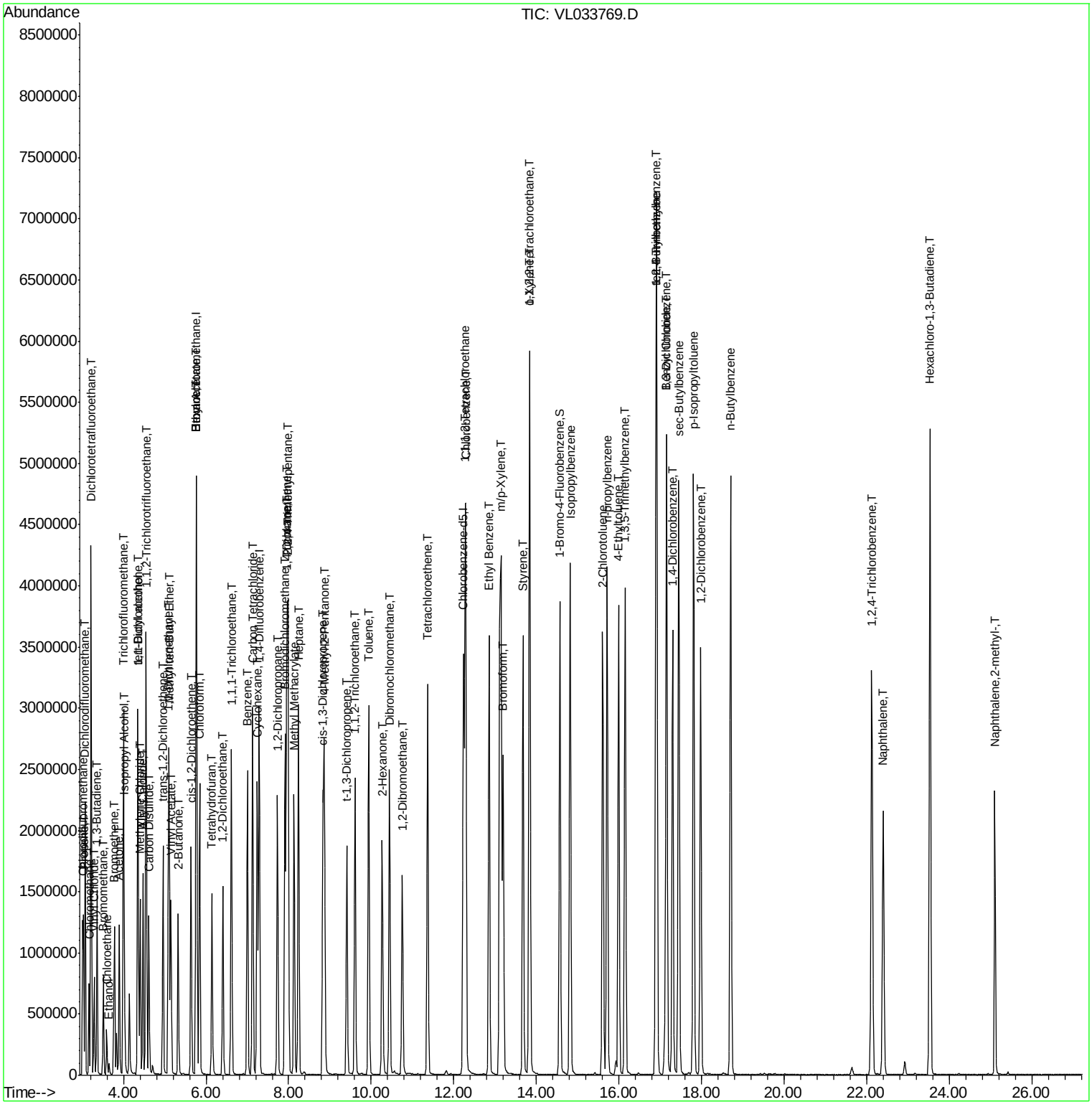
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

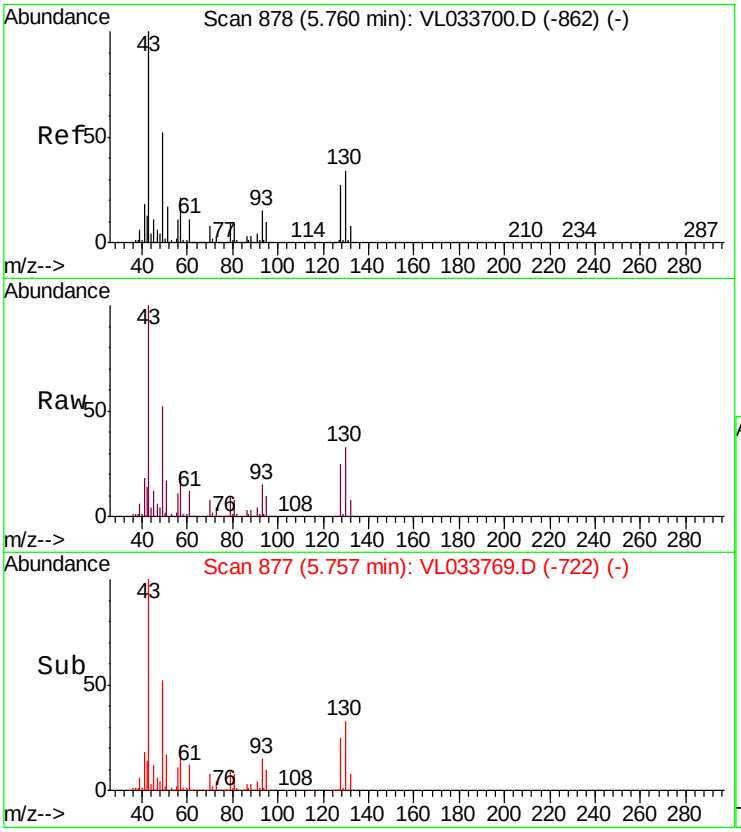
Quantitation Report (Not Reviewed)

Data File : VL033769.D
Acq On : 23 May 2019 10:25
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: May 24 04:21:13 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



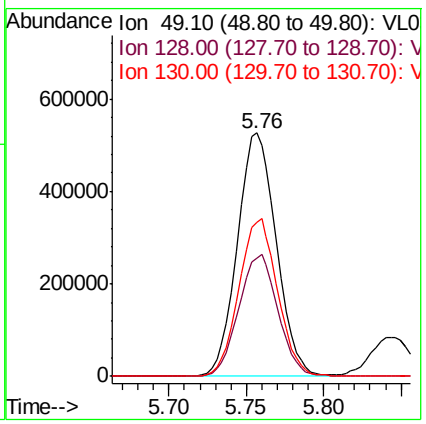


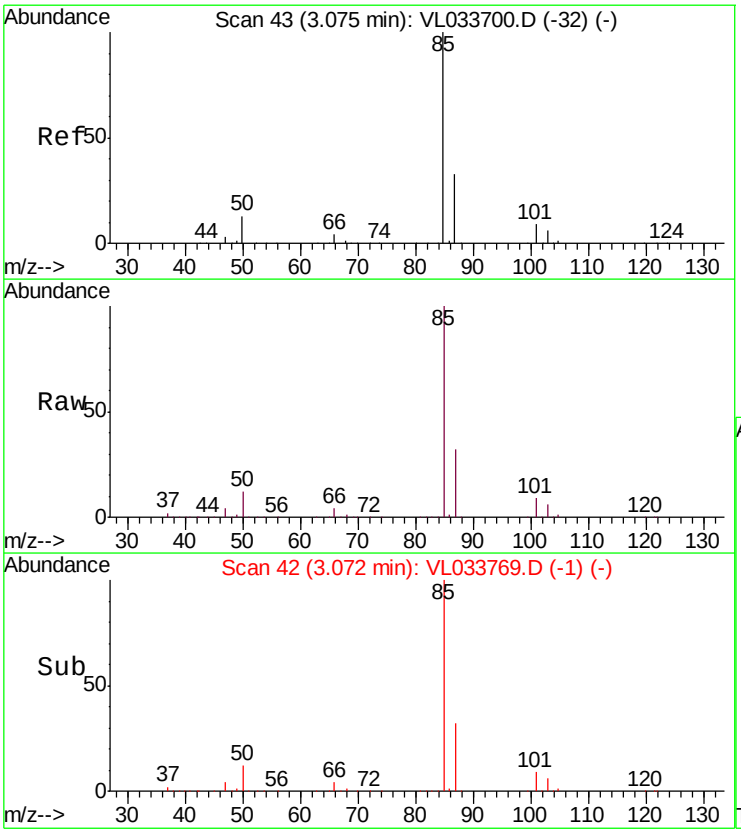
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 923100

Ion	Ratio	Lower	Upper
49	100		
128	50.3	25.2	75.6
130	64.4	32.5	97.5

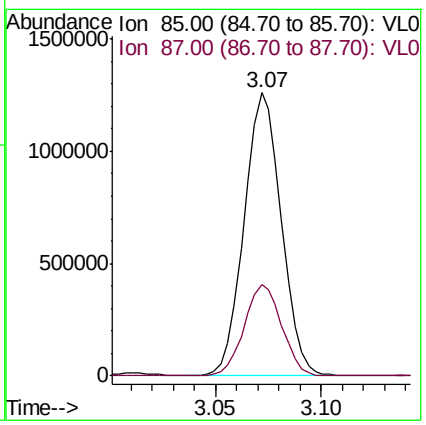


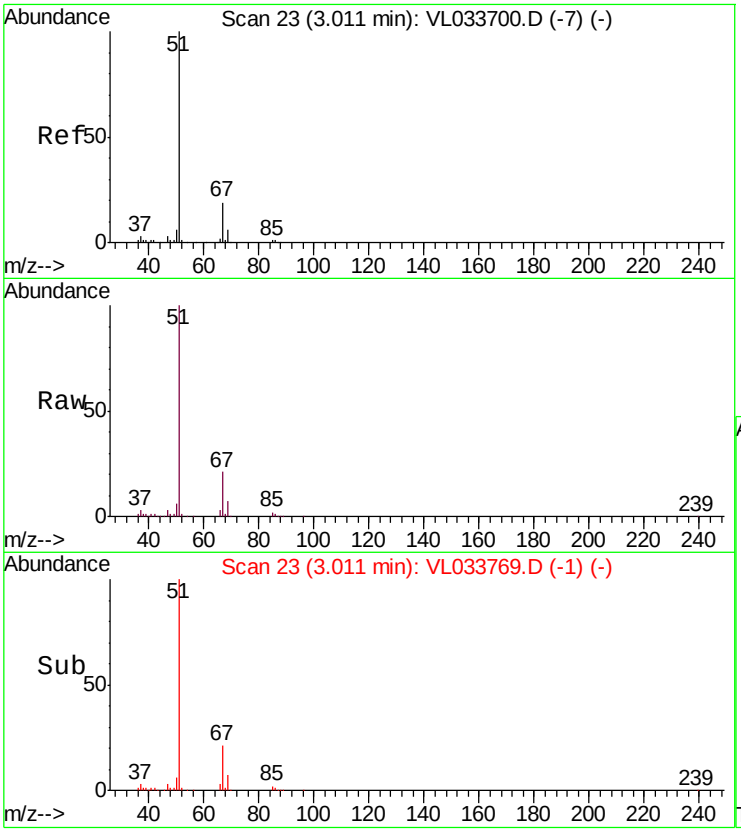


#2
Dichlorodifluoromethane
Concen: 7.921 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 85 Resp: 1540925

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.3	39.5



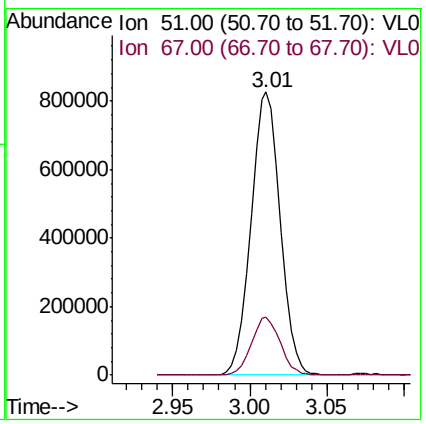


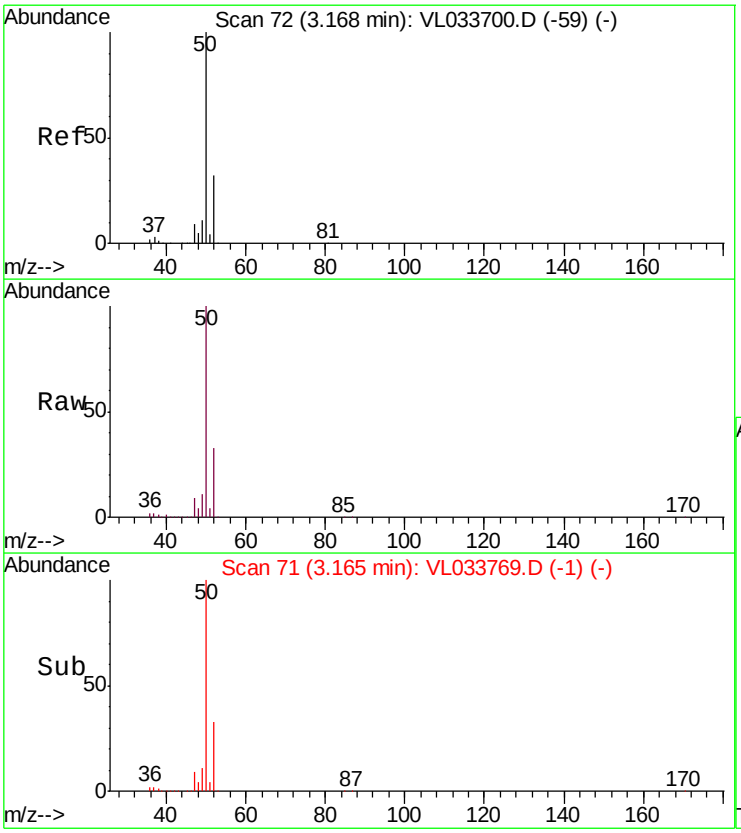
#3
Chlorodifluoromethane
Concen: 10.305 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 51 Resp: 1089649

Ion	Ratio	Lower	Upper
51	100		
67	20.1	15.6	23.4

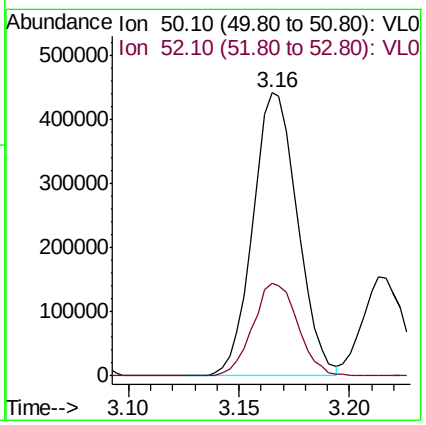


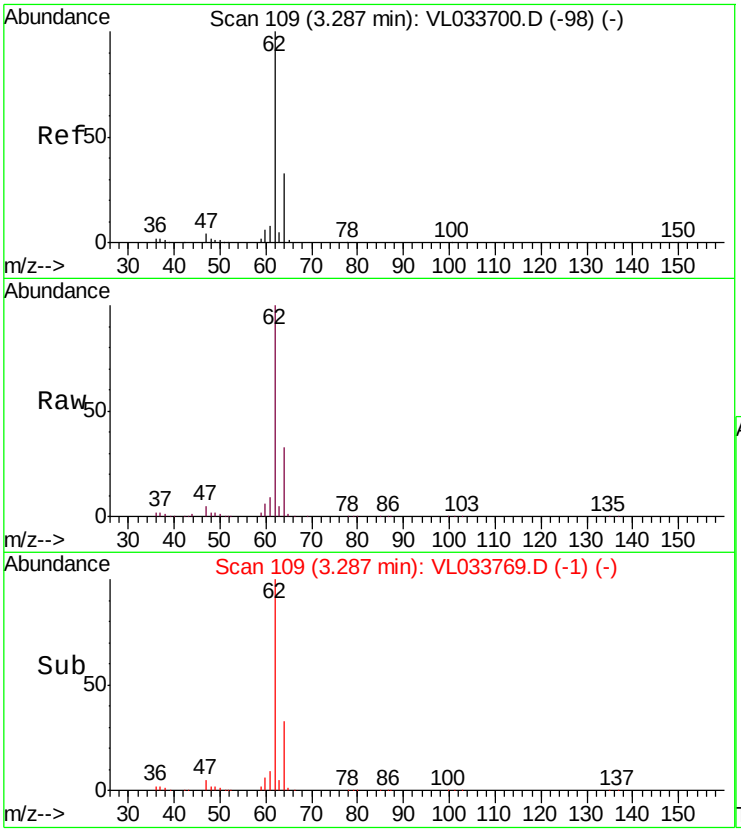


#4
Chloromethane
Concen: 10.269 ppbv
RT: 3.16 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 50 Resp: 621057

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.7	38.5



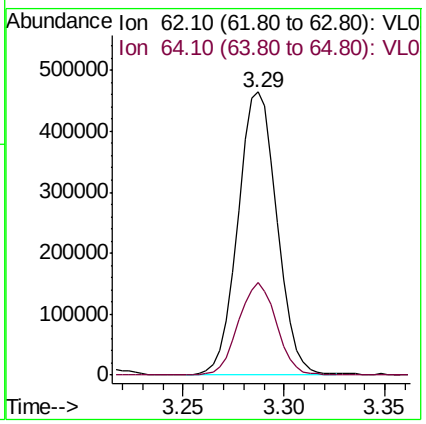


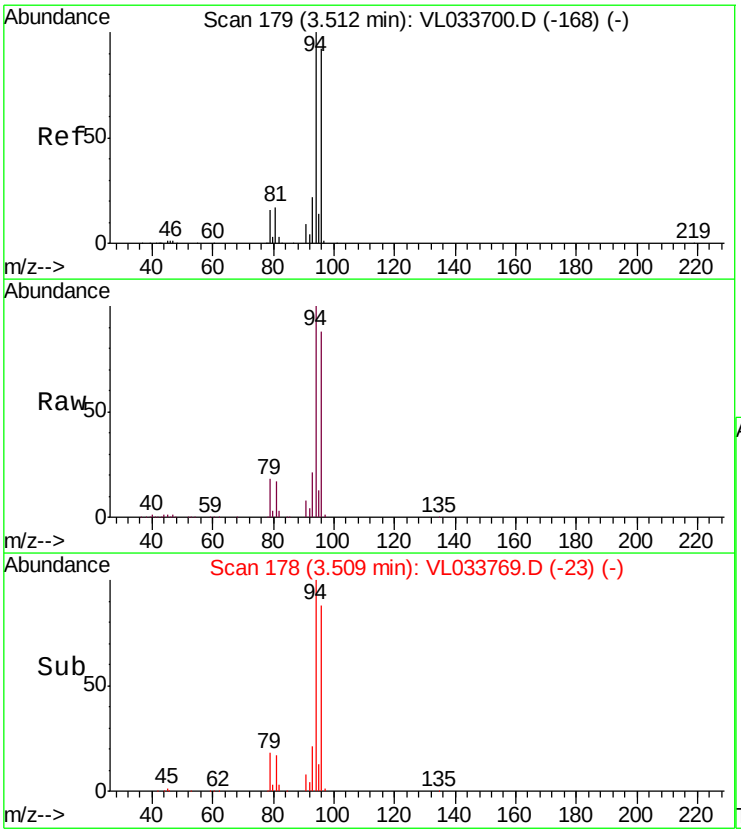
#5
Vinyl Chloride
Concen: 10.250 ppbv
RT: 3.29 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 631458

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.4	39.6

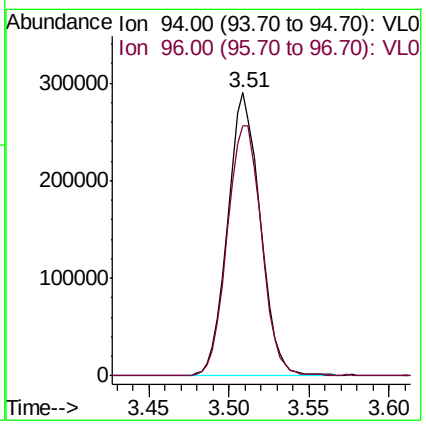


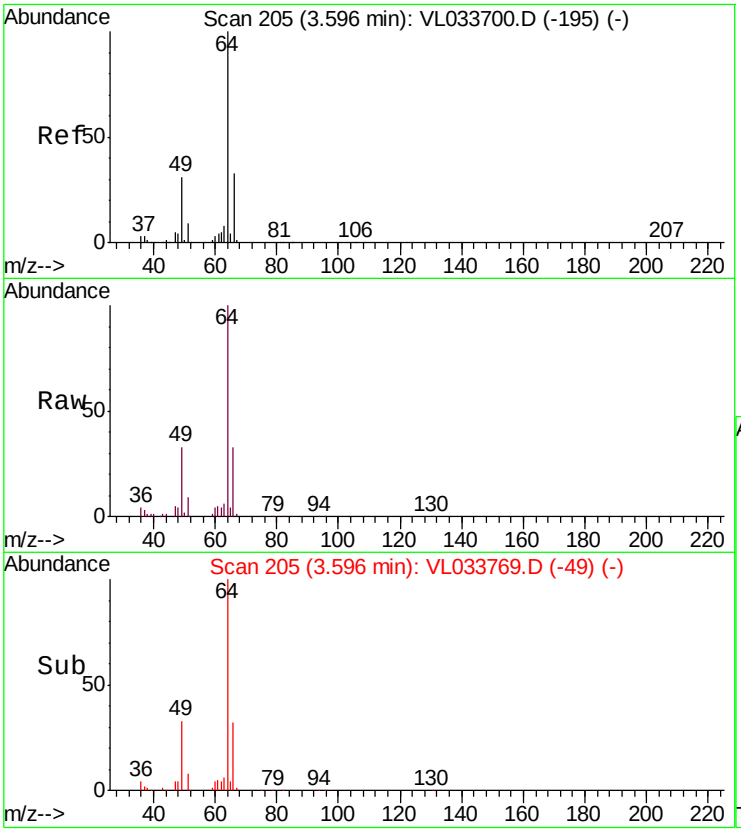


#6
Bromomethane
Concen: 10.676 ppbv
RT: 3.51 min Scan# 178
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 94 Resp: 401313

Ion	Ratio	Lower	Upper
94	100		
96	88.1	73.6	110.4



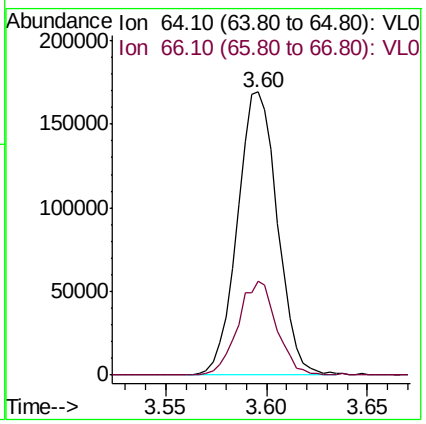


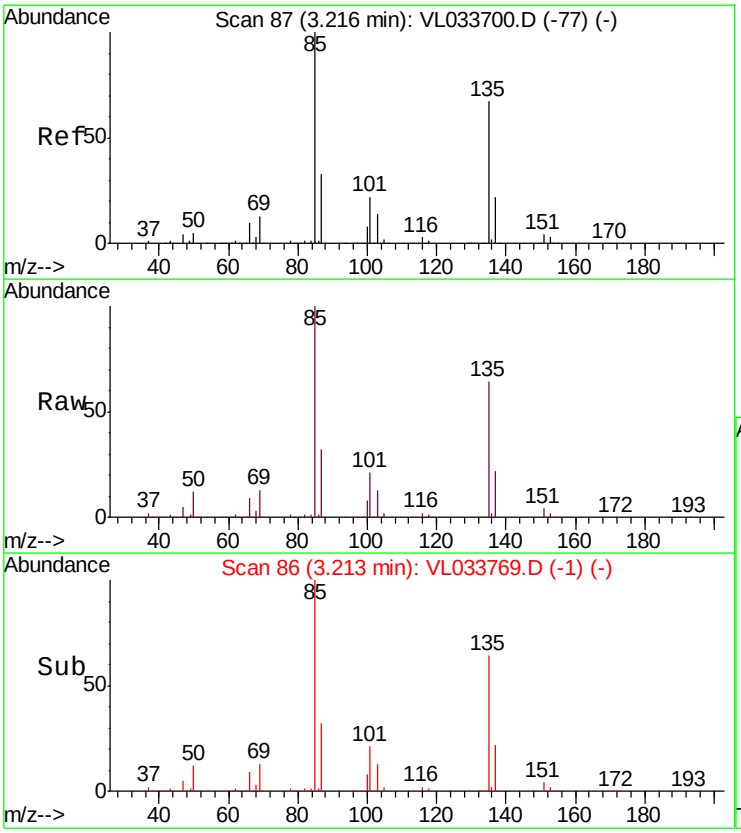
#7
Chloroethane
Concen: 10.765 ppbv
RT: 3.60 min Scan# 205
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 235683

Ion	Ratio	Lower	Upper
64	100		
66	33.0	26.6	40.0

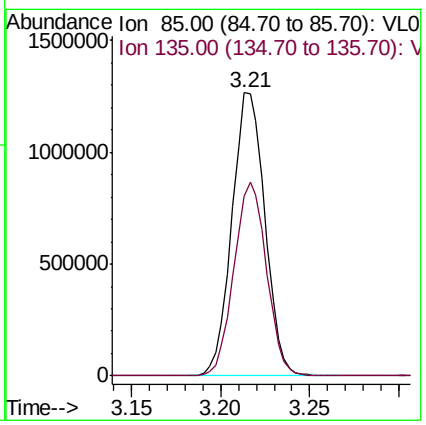


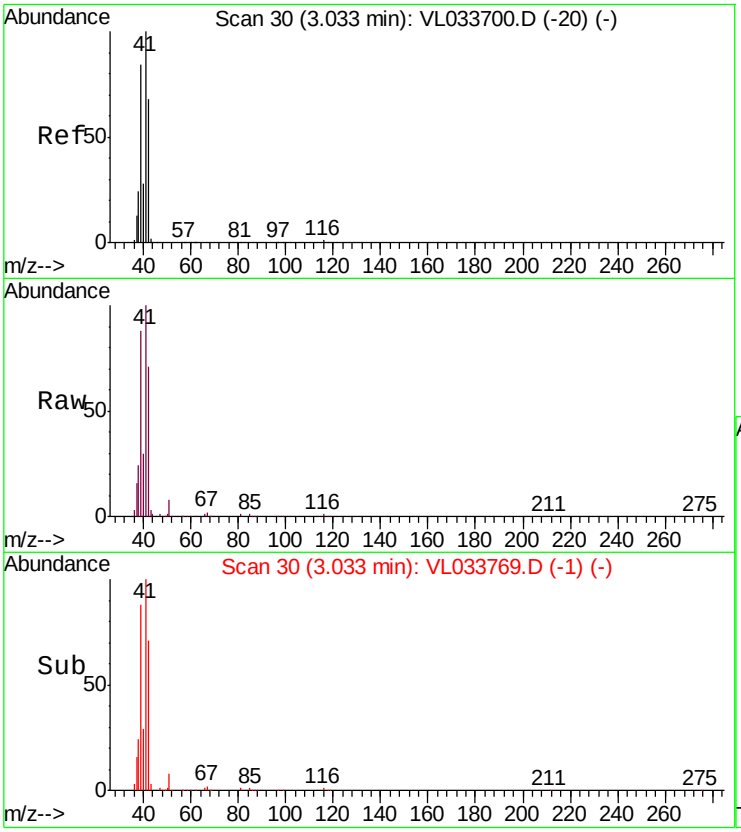


#8
Dichlorotetrafluoroethane
Concen: 10.331 ppbv
RT: 3.21 min Scan# 86
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 85 Resp: 1620248

Ion	Ratio	Lower	Upper
85	100		
135	67.9	54.5	81.7



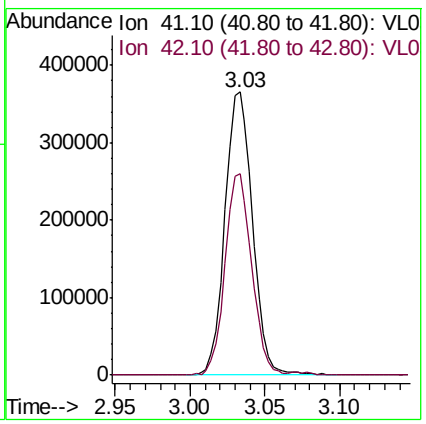


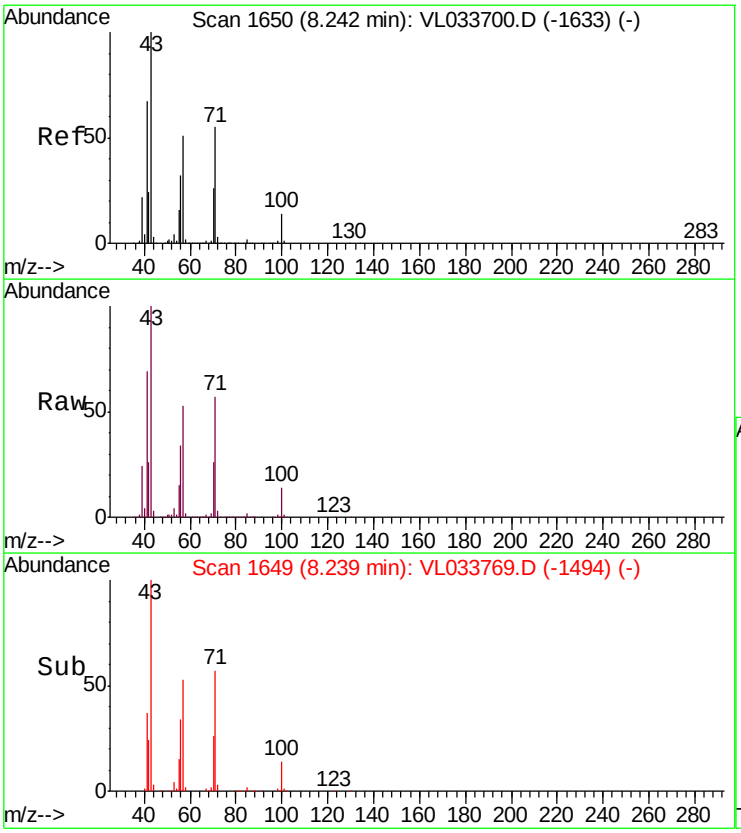
#9
Propene
Concen: 10.445 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 469768

Ion	Ratio	Lower	Upper
41	100		
42	69.7	56.1	84.1

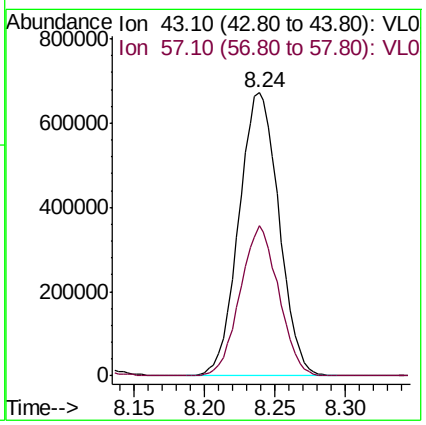


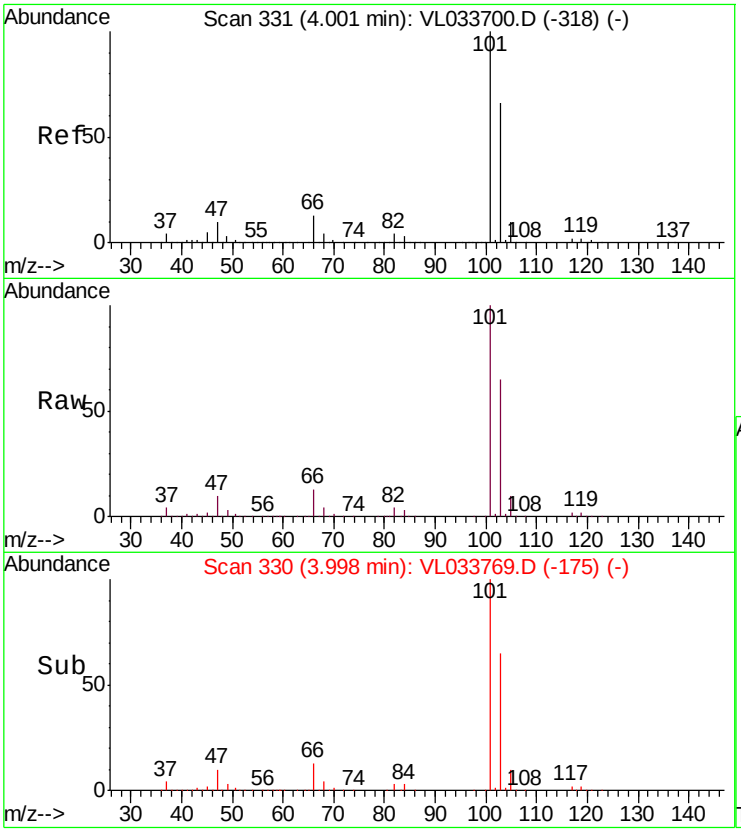


#10
Heptane
Concen: 10.436 ppbv
RT: 8.24 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 43 Resp: 1329110

Ion	Ratio	Lower	Upper
43	100		
57	51.2	41.4	62.0



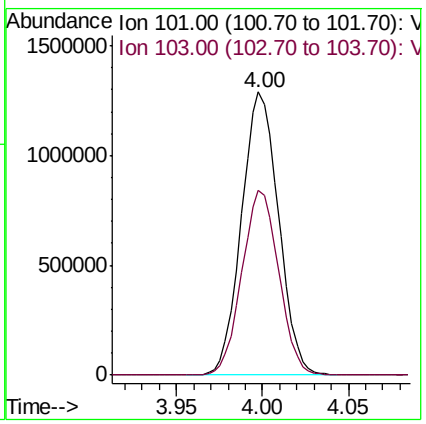


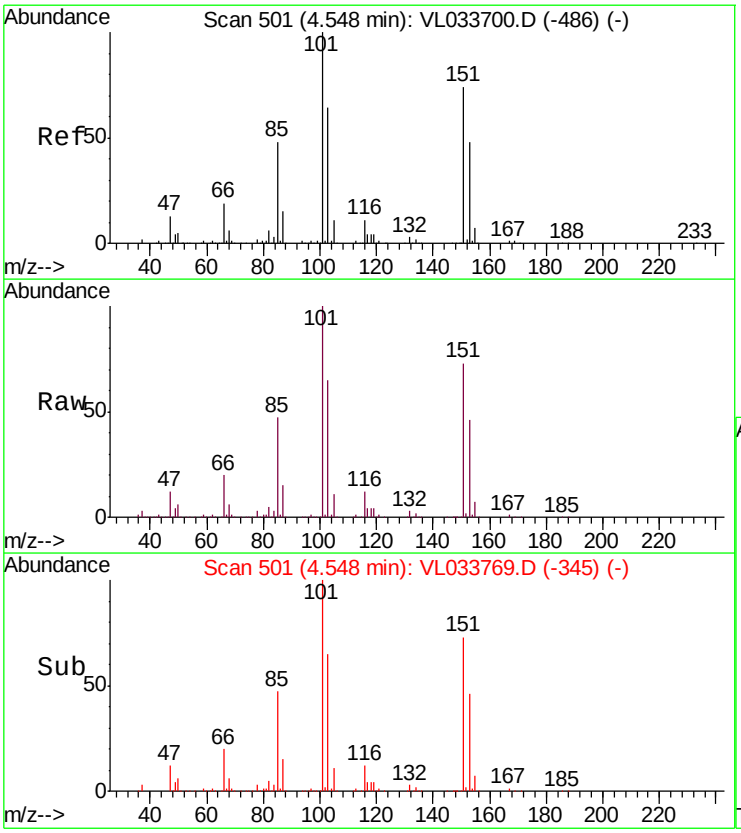
#11
Trichlorofluoromethane
Concen: 10.370 ppbv
RT: 4.00 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1925431

Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.6	78.8

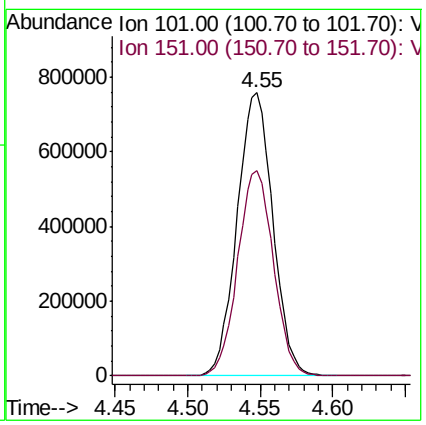


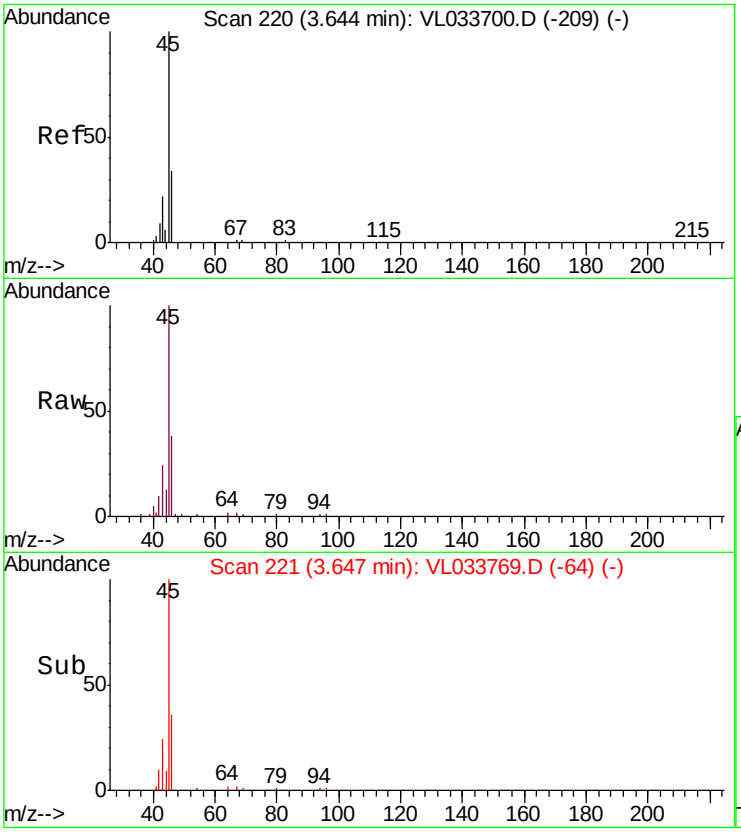


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.022 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:101 Resp: 1299456

Ion	Ratio	Lower	Upper
101	100		
151	72.7	58.2	87.4



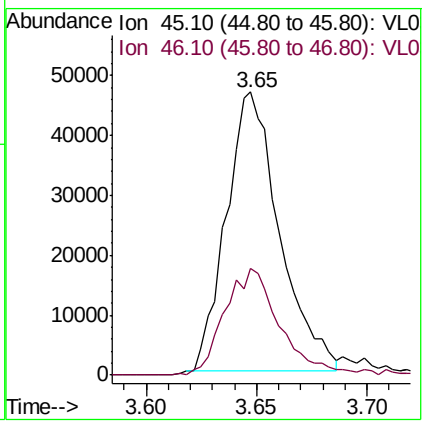


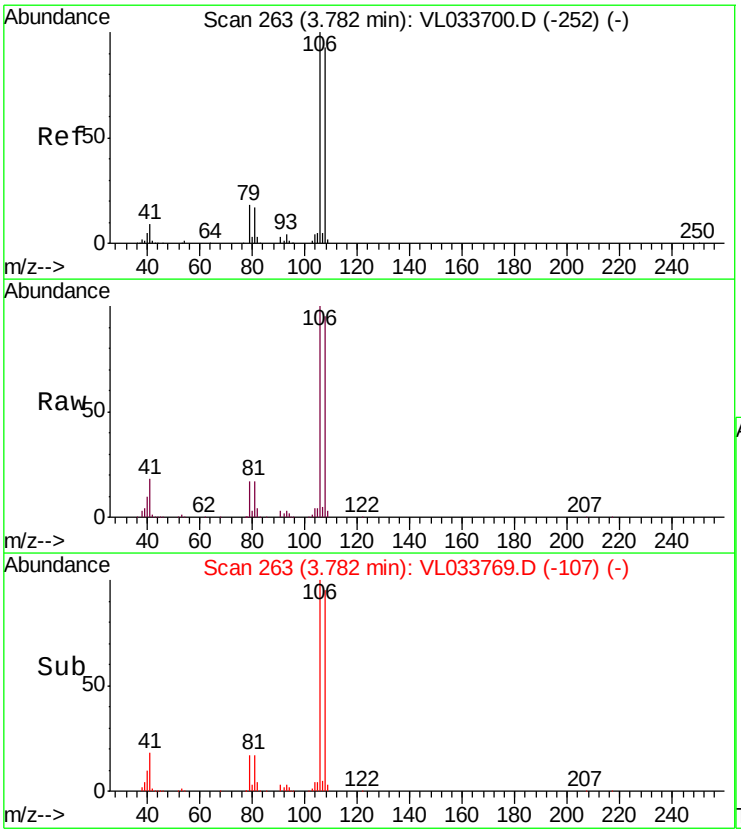
#13
Ethanol
Concen: 5.358 ppbv
RT: 3.65 min Scan# 221
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 77891

Ion	Ratio	Lower	Upper
45	100		
46	40.3	14.8	59.0

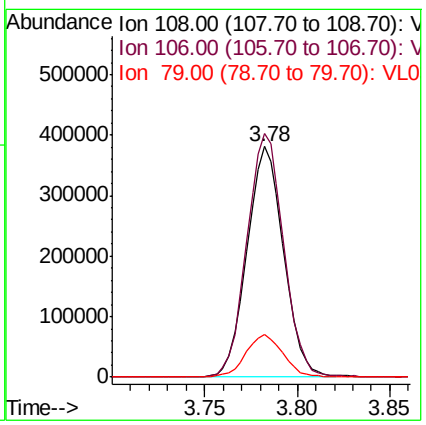


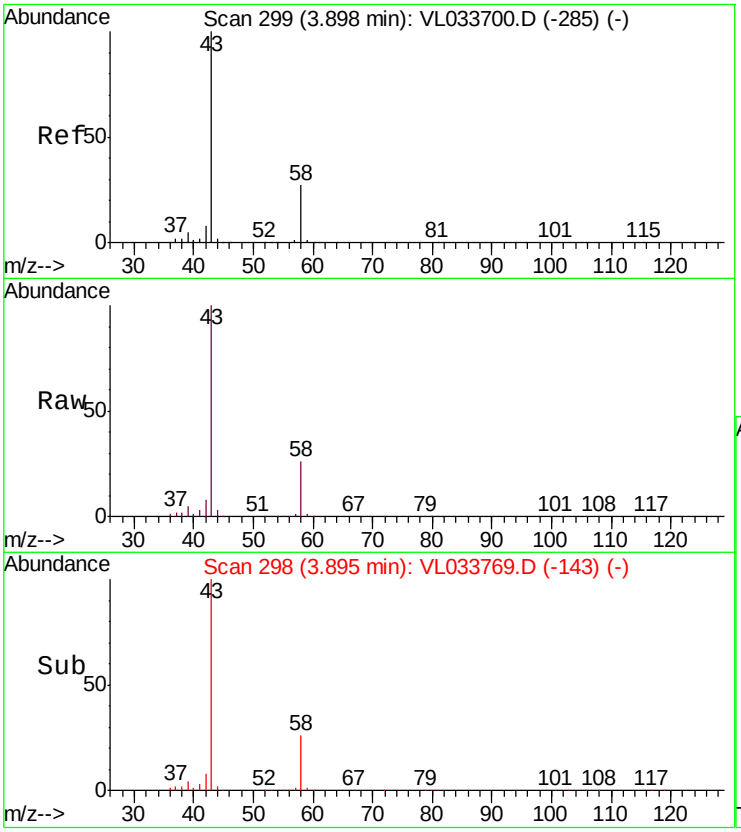


#14
Bromoethene
Concen: 10.931 ppbv
RT: 3.78 min Scan# 263
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:108 Resp: 521055

Ion	Ratio	Lower	Upper
108	100		
106	106.9	86.5	129.7
79	18.8	15.1	22.7



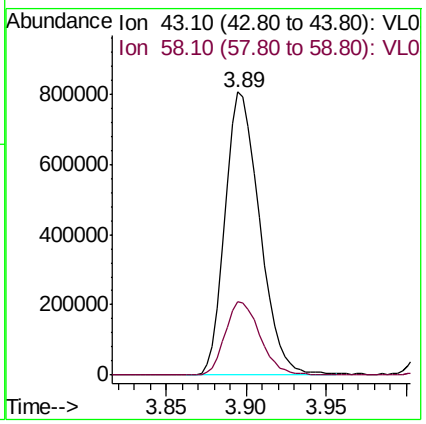


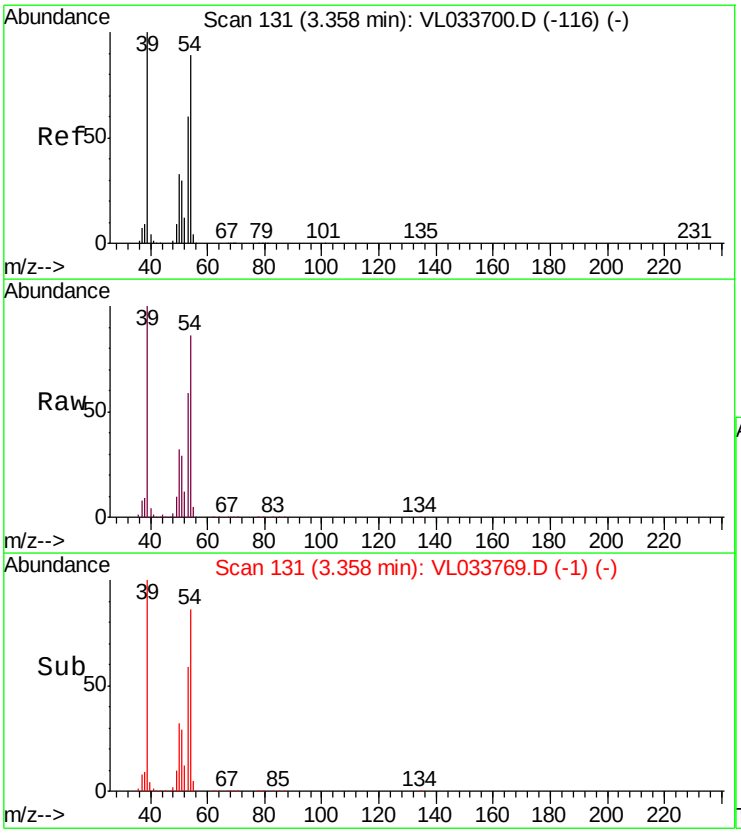
#15
Acetone
Concen: 9.313 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1192732

Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.3	31.9

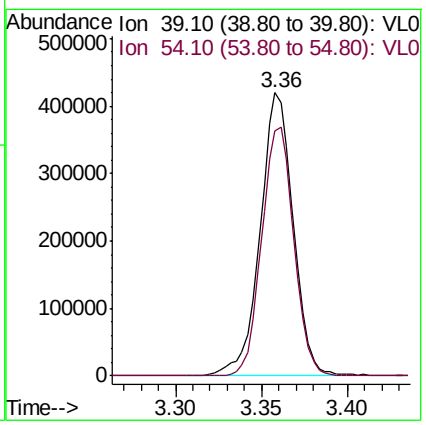


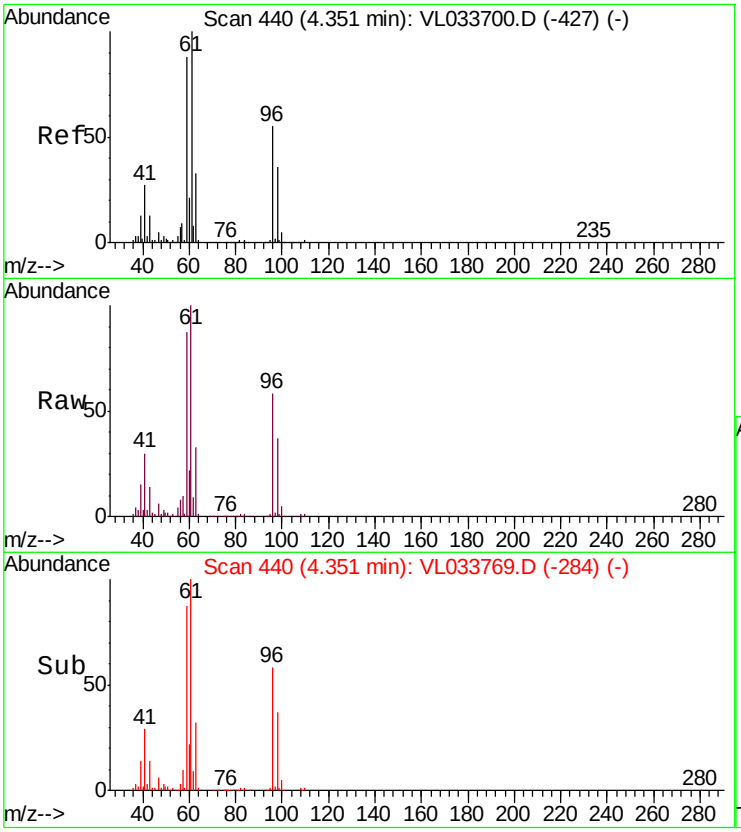


#16
1,3-Butadiene
Concen: 10.935 ppbv
RT: 3.36 min Scan# 131
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 39 Resp: 557731

Ion	Ratio	Lower	Upper
39	100		
54	85.9	69.0	103.6



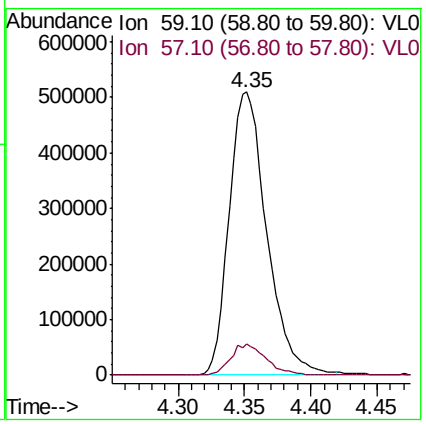


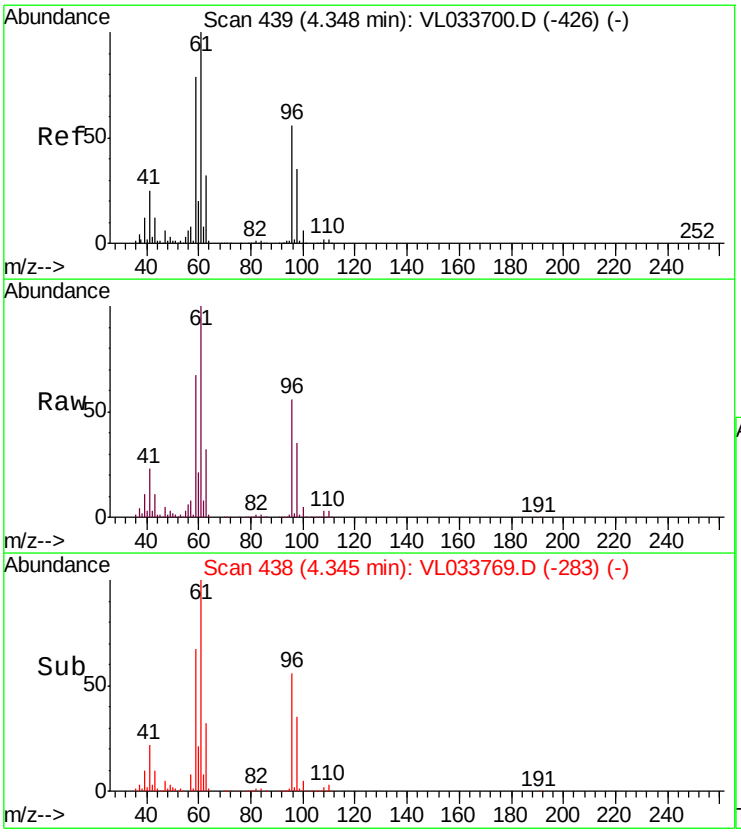
#17
tert-Butyl alcohol
Concen: 9.708 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1005431

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

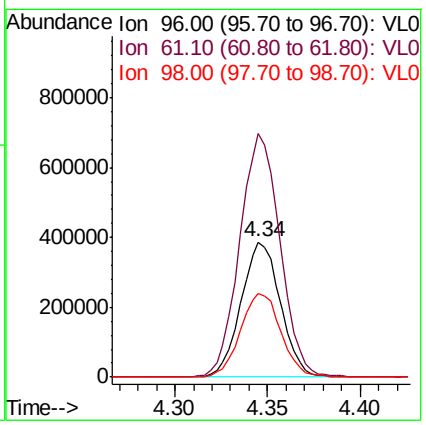


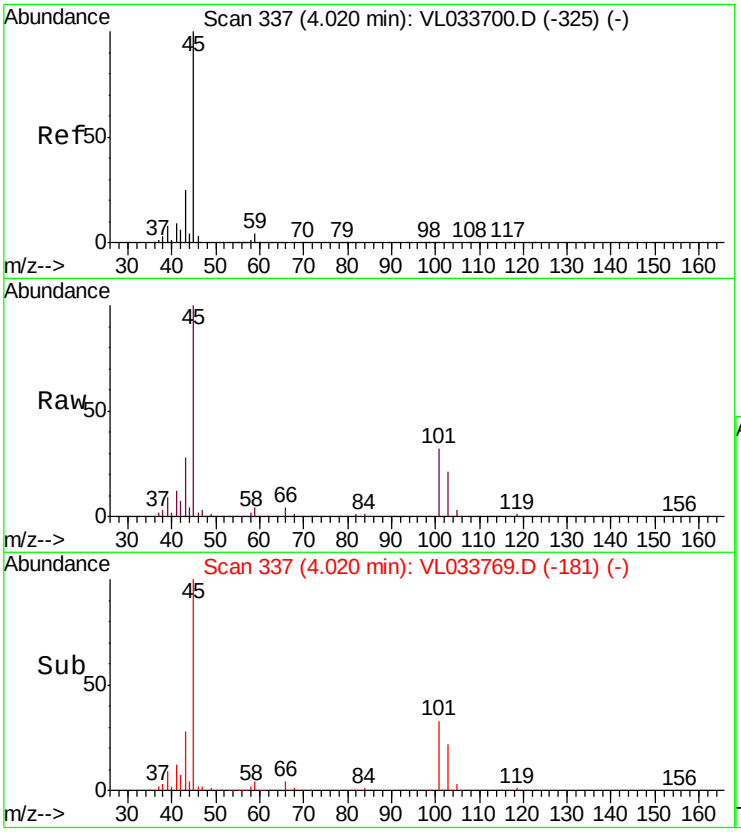


#18
1,1-Dichloroethene
Concen: 10.457 ppbv
RT: 4.34 min Scan# 438
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 96 Resp: 572278

Ion	Ratio	Lower	Upper
96	100		
61	179.9	143.1	214.7
98	62.2	49.5	74.3



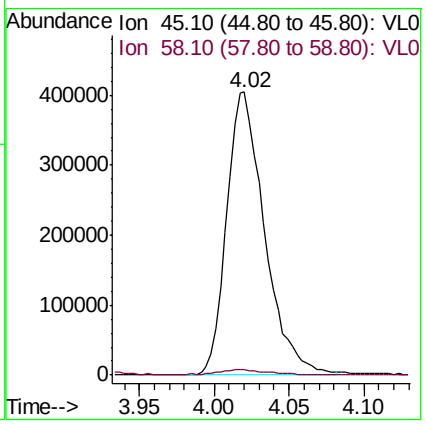


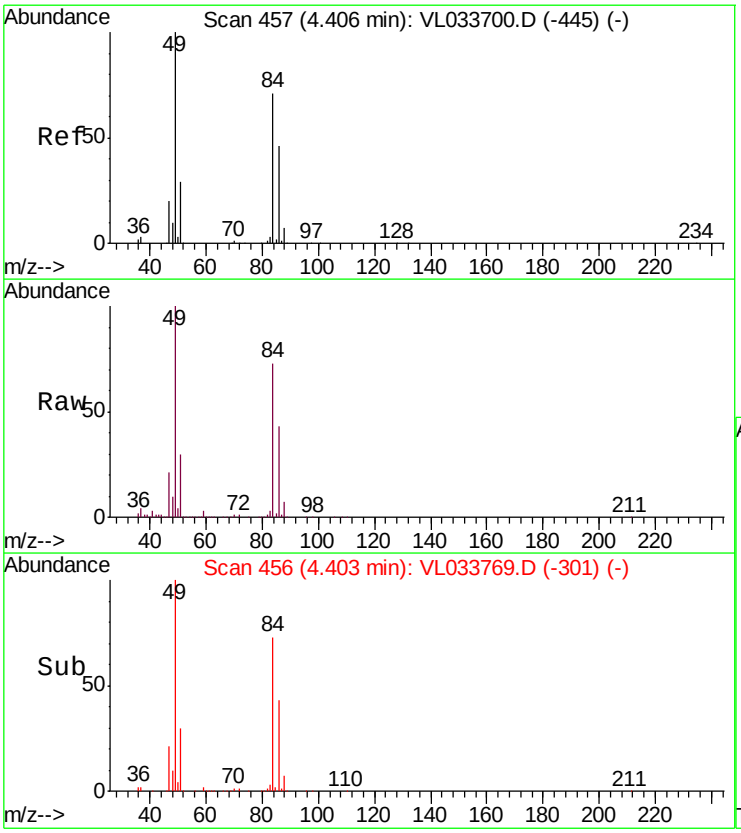
#19
Isopropyl Alcohol
Concen: 8.655 ppbv
RT: 4.02 min Scan# 337
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 714696

Ion	Ratio	Lower	Upper
45	100		
58	2.8	1.6	2.4#

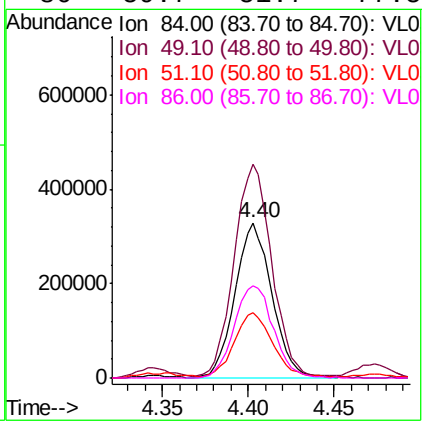


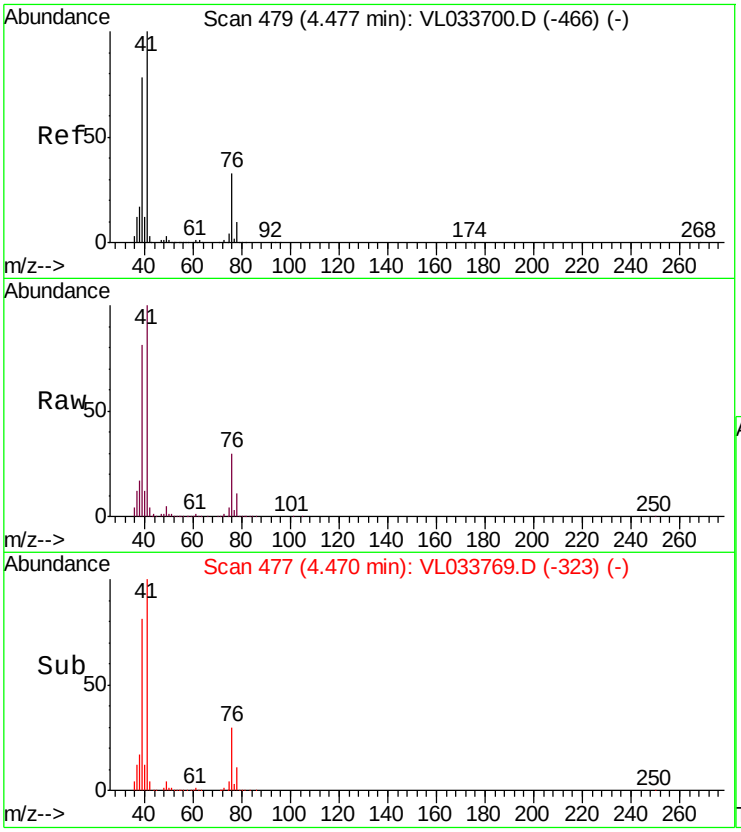


#20
Methylene Chloride
Concen: 9.894 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 84 Resp: 487914

Ion	Ratio	Lower	Upper
84	100		
49	136.5	112.8	169.2
51	41.4	33.4	50.0
86	59.7	51.7	77.5



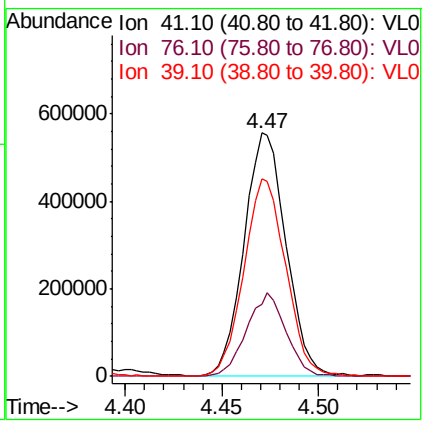


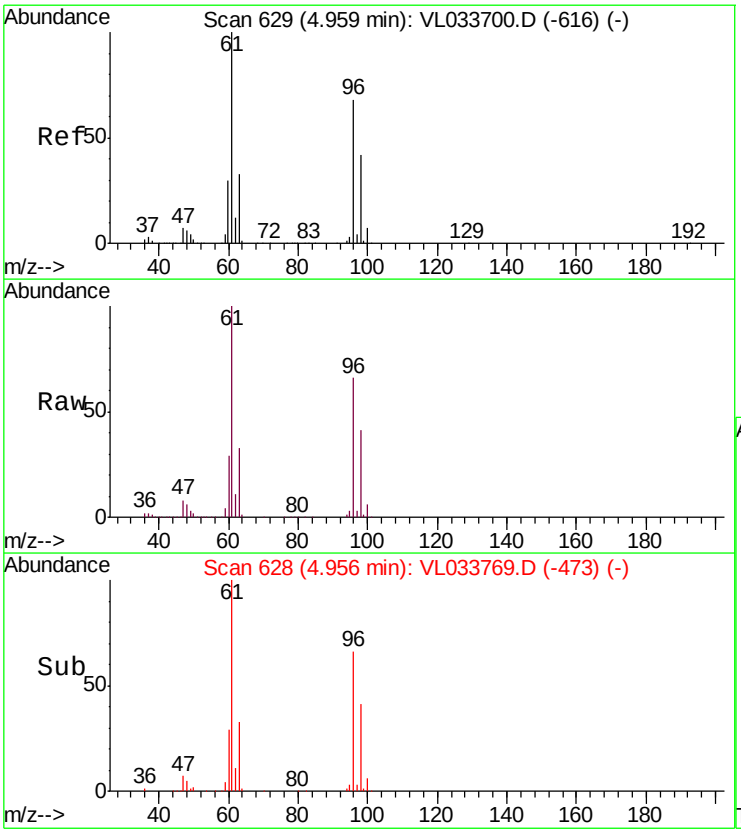
#21
Allyl Chloride
Concen: 10.471 ppbv
RT: 4.47 min Scan# 477
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 836459

Ion	Ratio	Lower	Upper
41	100		
76	32.4	25.9	38.9
39	81.3	64.6	97.0

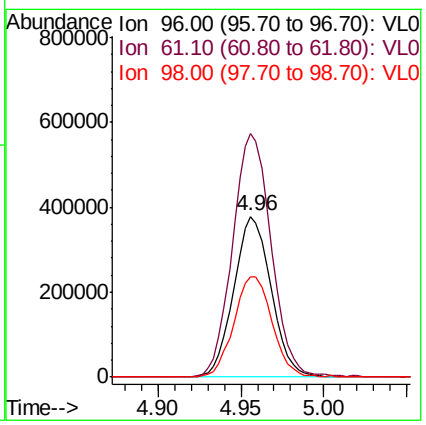


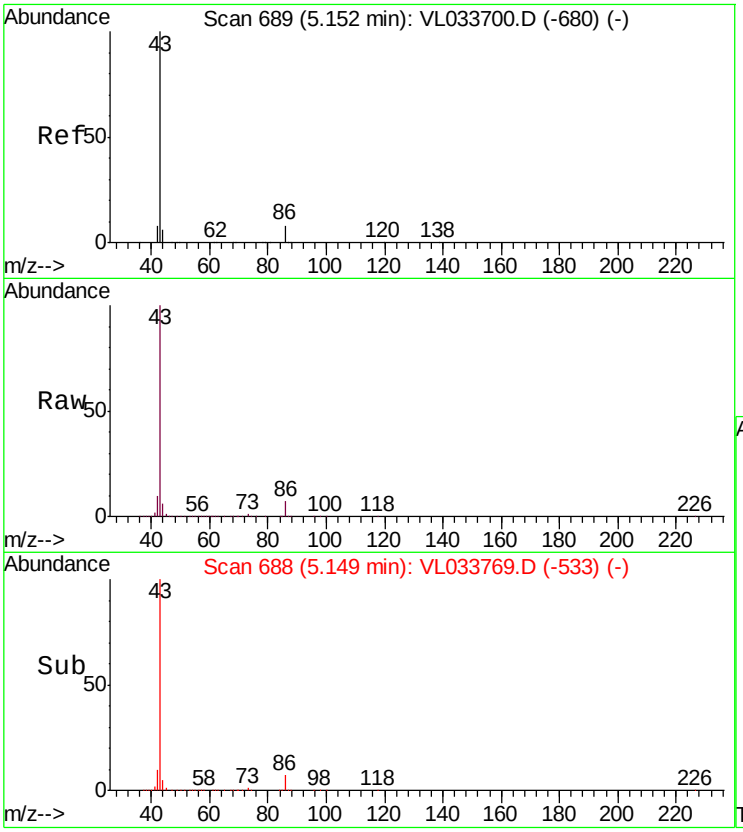


#22
trans-1,2-Dichloroethene
Concen: 10.566 ppbv
RT: 4.96 min Scan# 628
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 96 Resp: 592722

Ion	Ratio	Lower	Upper
96	100		
61	151.2	116.8	175.2
98	62.5	49.4	74.0



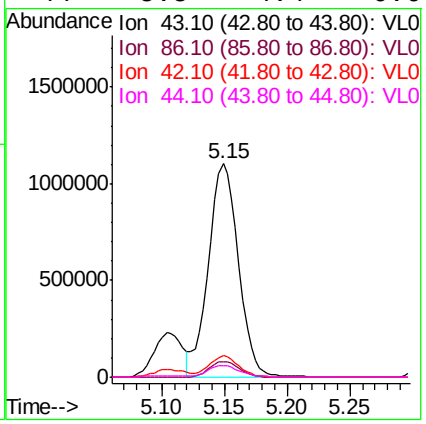


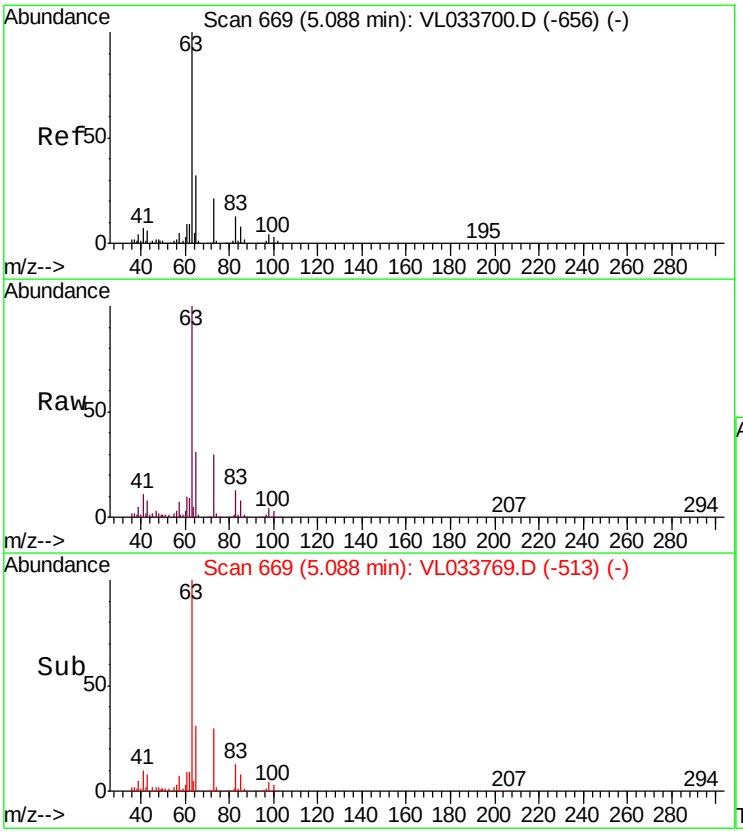
#23
Vinyl Acetate
Concen: 10.854 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1832933

Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.0	9.0
42	10.3	7.5	11.3
44	5.5	4.4	6.6

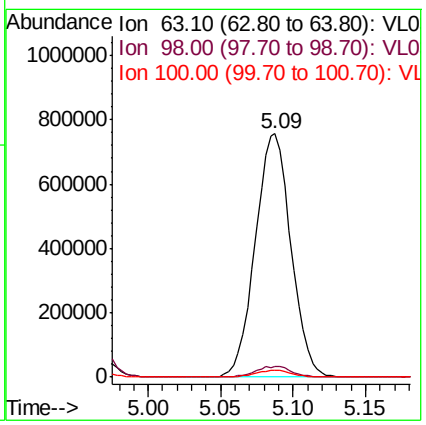


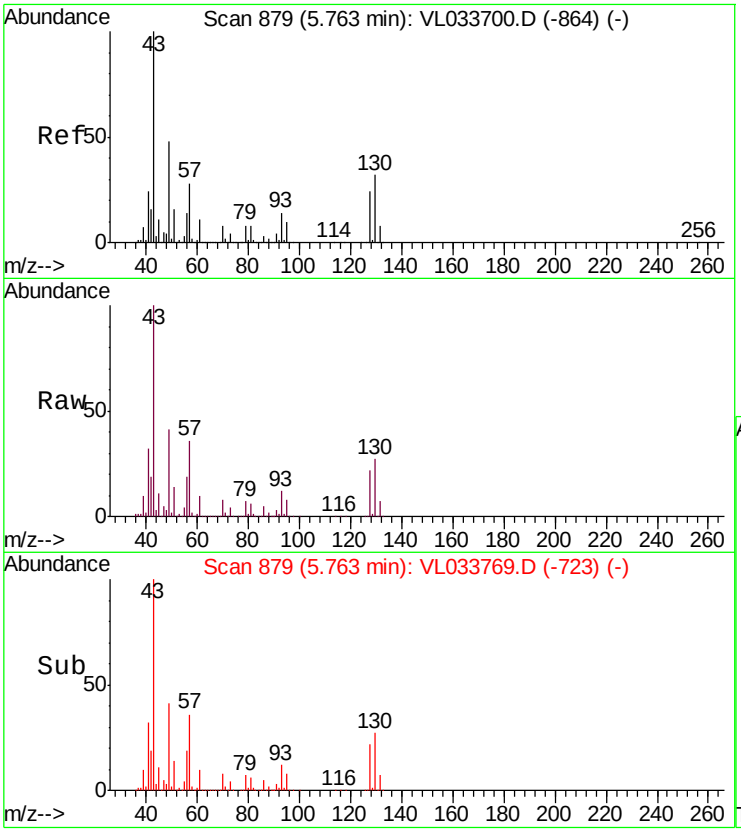


#24
1,1-Dichloroethane
Concen: 10.106 ppbv
RT: 5.09 min Scan# 669
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 63 Resp: 1297273

Ion	Ratio	Lower	Upper
63	100		
98	4.3	1.8	5.5
100	2.9	1.4	4.2



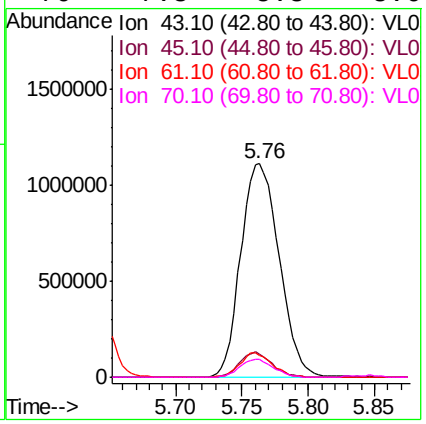


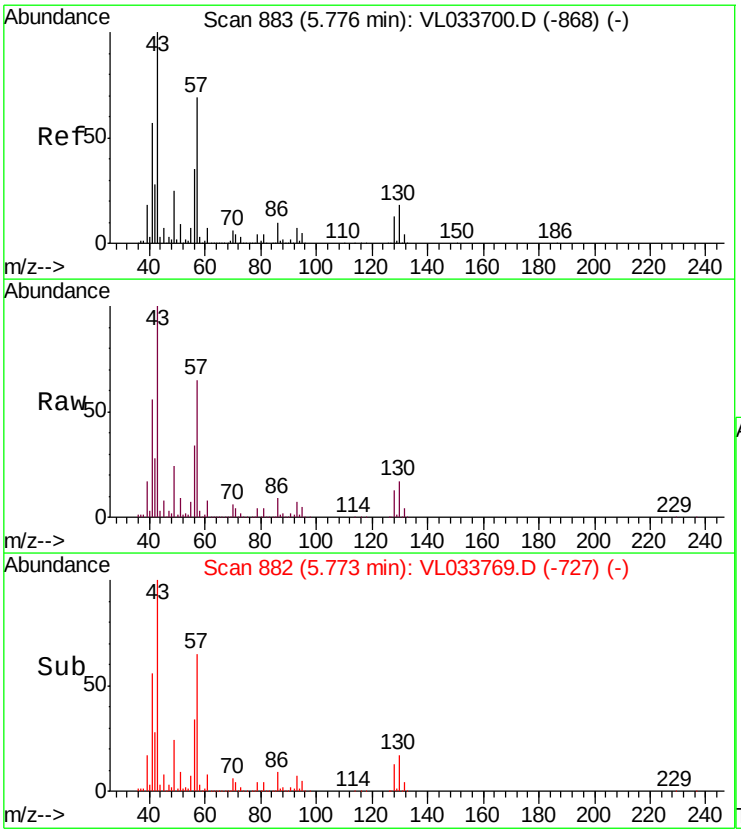
#25
Ethyl Acetate
Concen: 9.967 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2242405

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.7	7.7	11.5
70	7.3	5.8	8.6

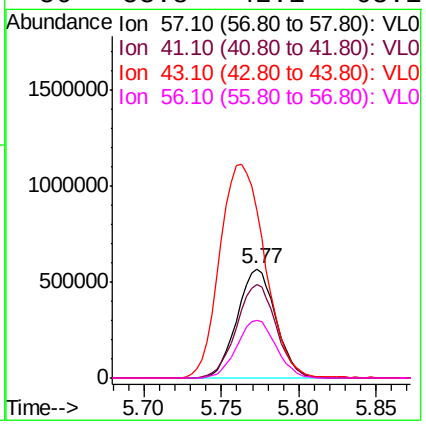


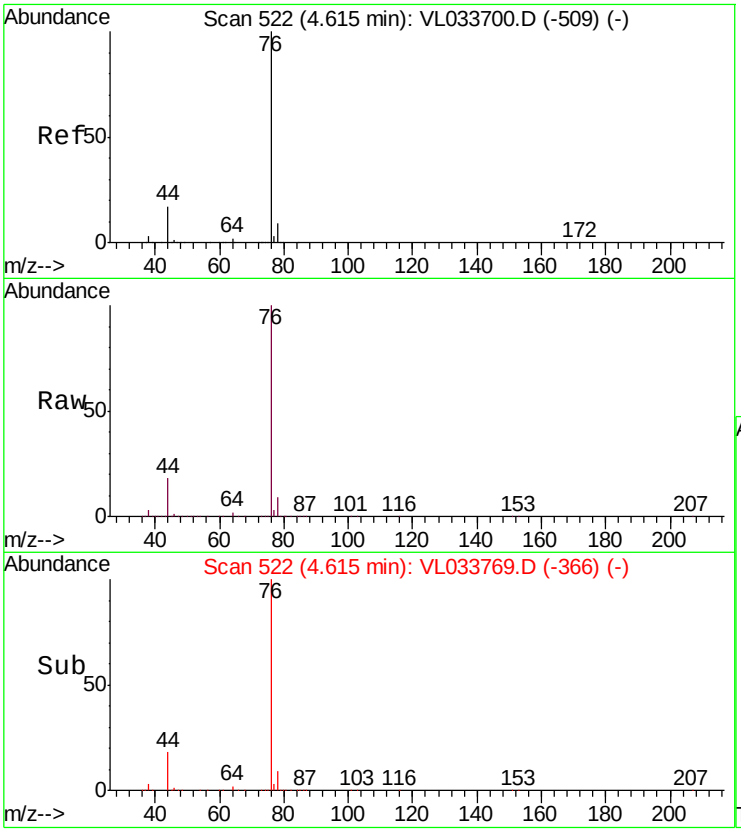


#26
Hexane
Concen: 10.110 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 57 Resp: 977826

Ion	Ratio	Lower	Upper
57	100		
41	89.3	69.8	104.6
43	230.5	181.8	272.6
56	53.8	42.1	63.1



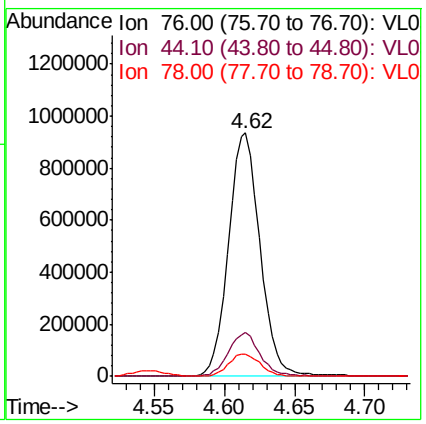


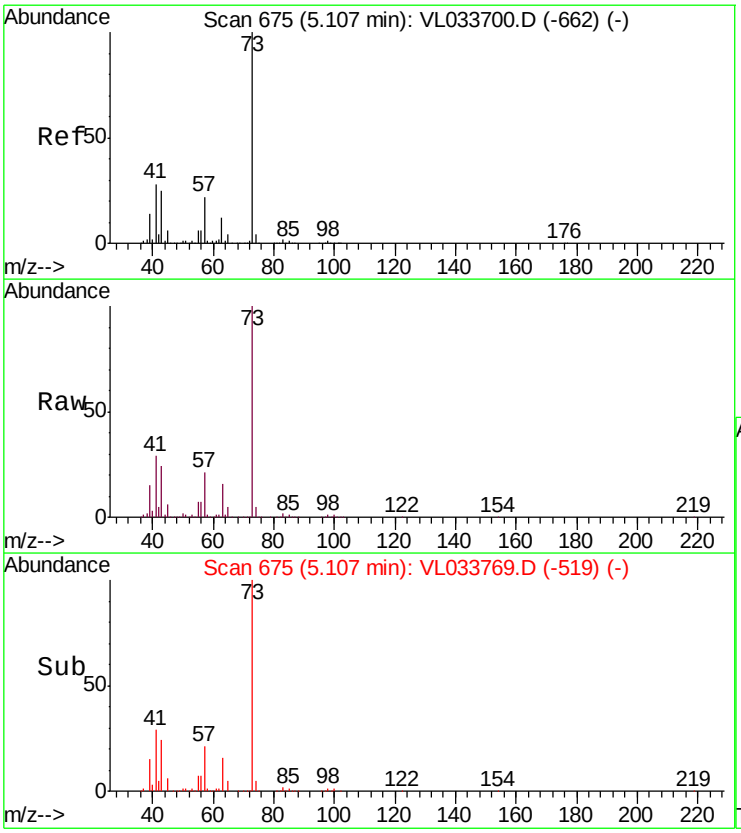
#27
Carbon Disulfide
Concen: 11.033 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1464063

Ion	Ratio	Lower	Upper
76	100		
44	17.9	13.8	20.8
78	9.2	7.4	11.0

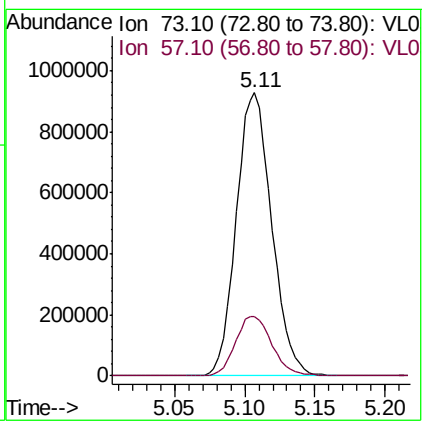


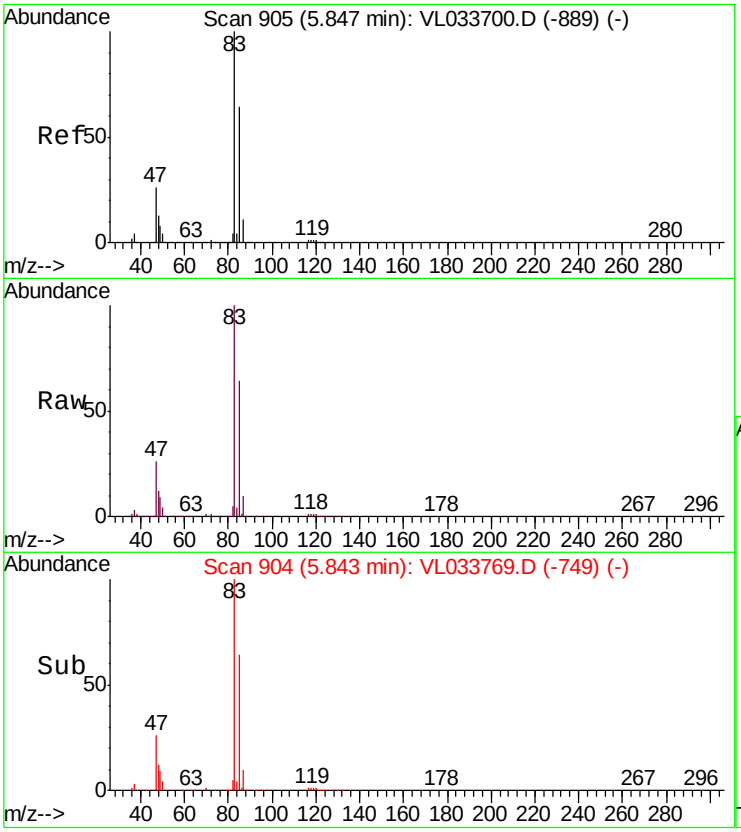


#28
Methyl tert-Butyl Ether
Concen: 10.359 ppbv
RT: 5.11 min Scan# 675
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 73 Resp: 1633418

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



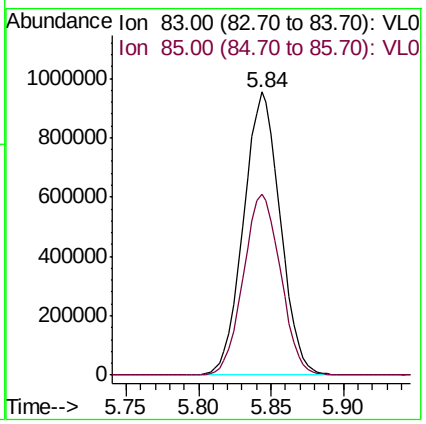


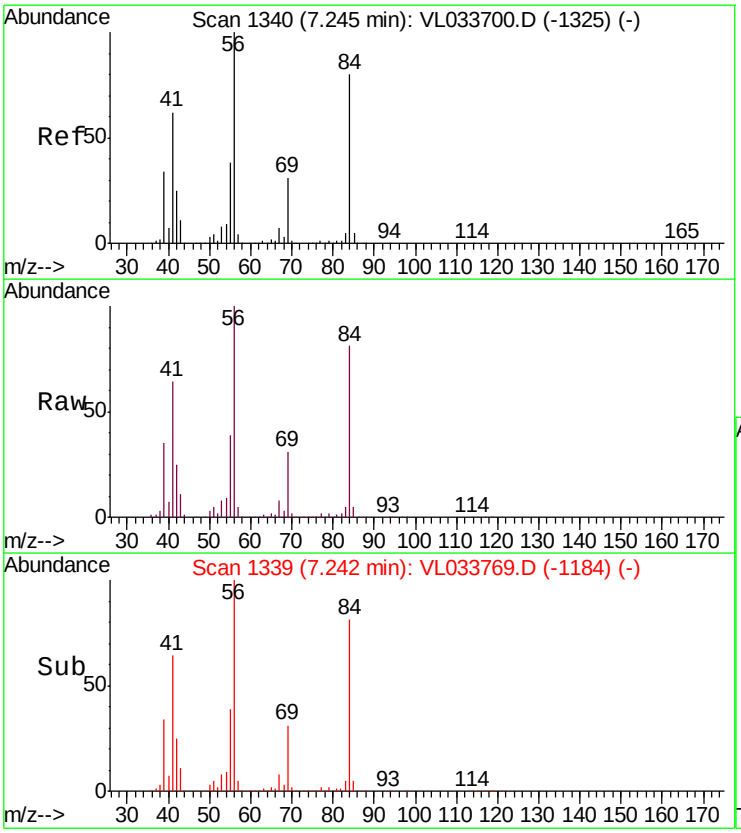
#29
Chloroform
Concen: 9.436 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1681235

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.5	77.3

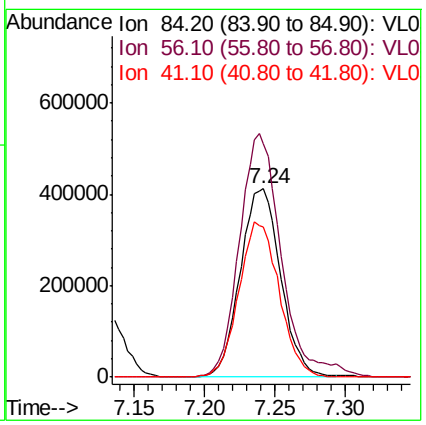


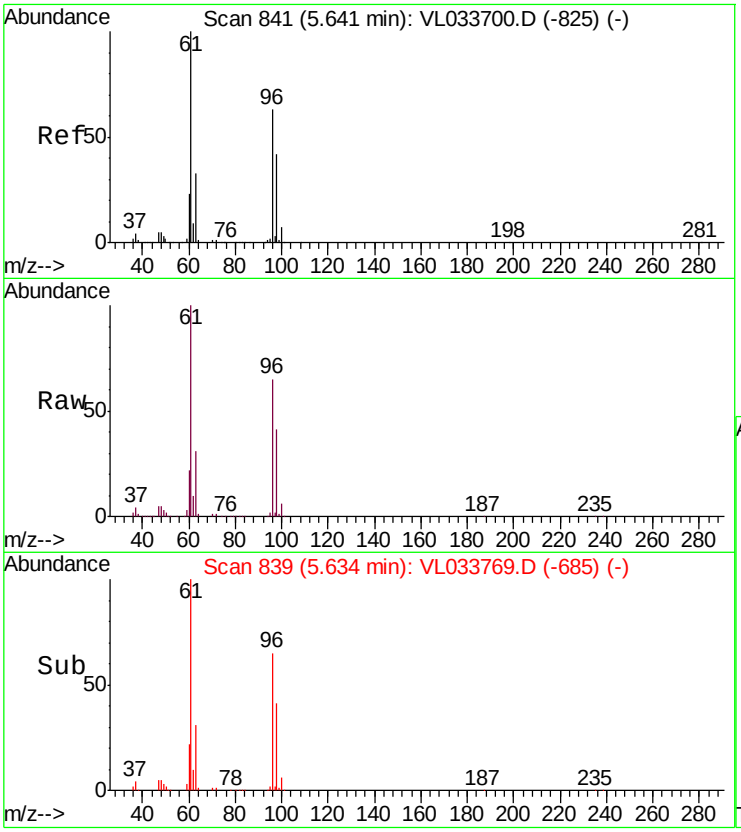


#30
Cyclohexane
Concen: 10.187 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 84 Resp: 828360

Ion	Ratio	Lower	Upper
84	100		
56	134.5	107.7	161.5
41	82.2	66.0	99.0



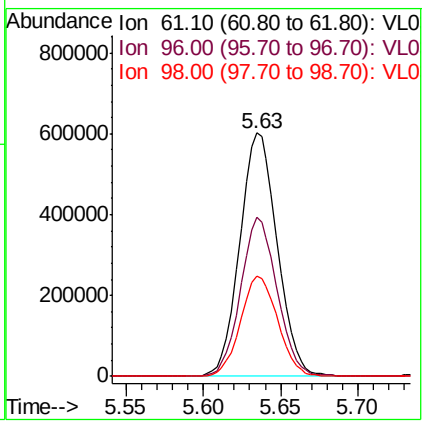


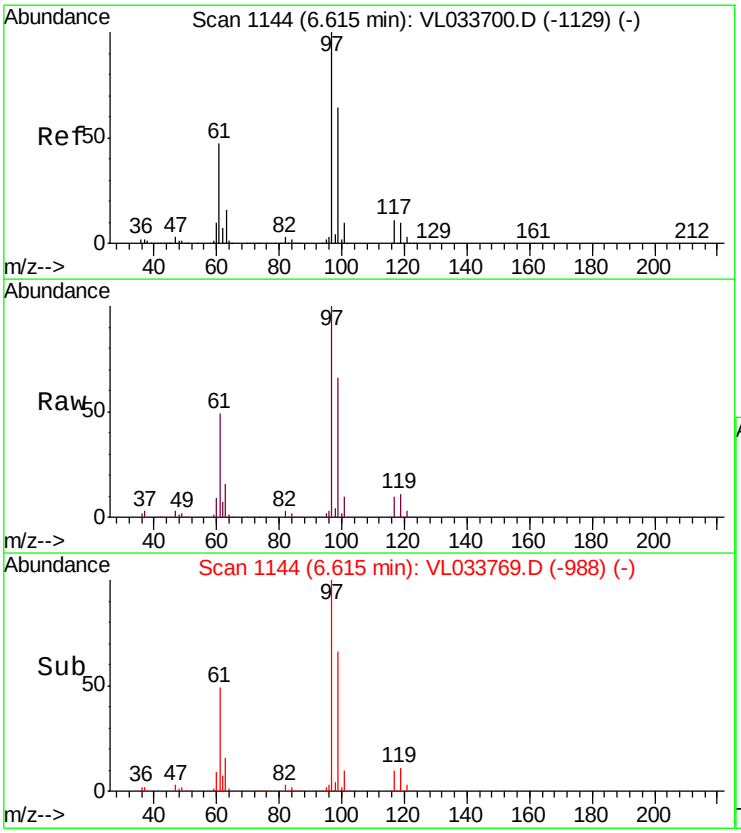
#31
cis-1,2-Dichloroethene
Concen: 10.561 ppbv
RT: 5.63 min Scan# 839
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1012836

Ion	Ratio	Lower	Upper
61	100		
96	65.3	50.8	76.2
98	41.1	33.3	49.9

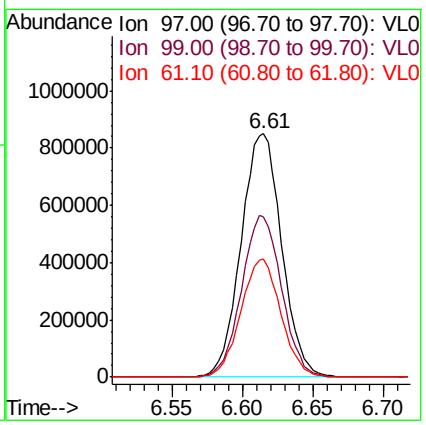


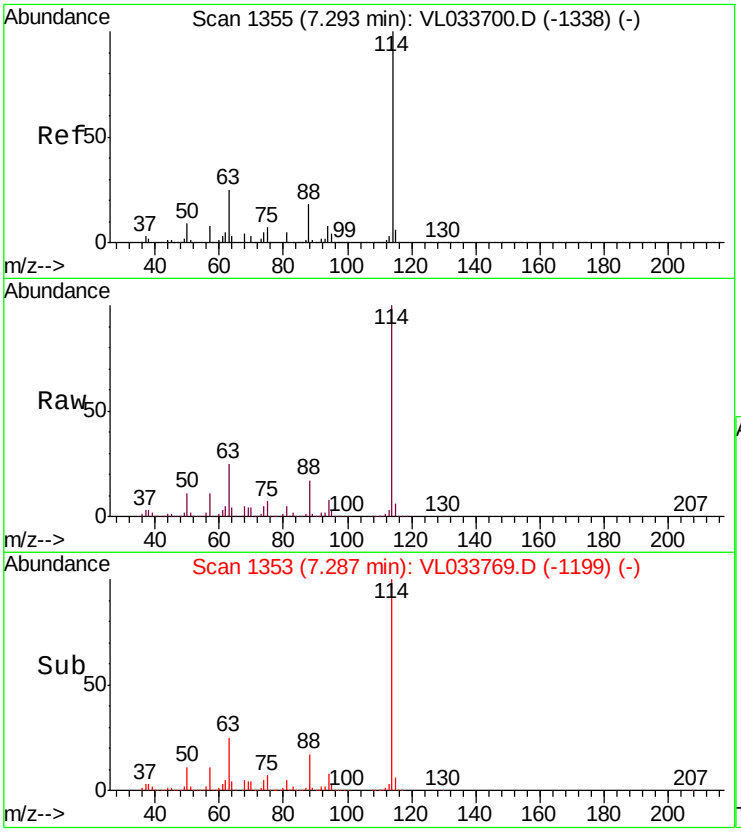


#32
1,1,1-Trichloroethane
Concen: 9.636 ppbv
RT: 6.61 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 97 Resp: 1714145

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.5	77.3
61	48.0	37.8	56.8



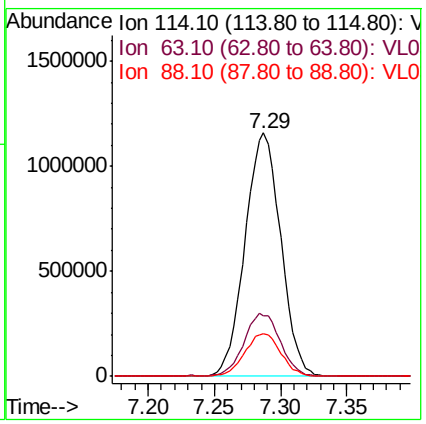


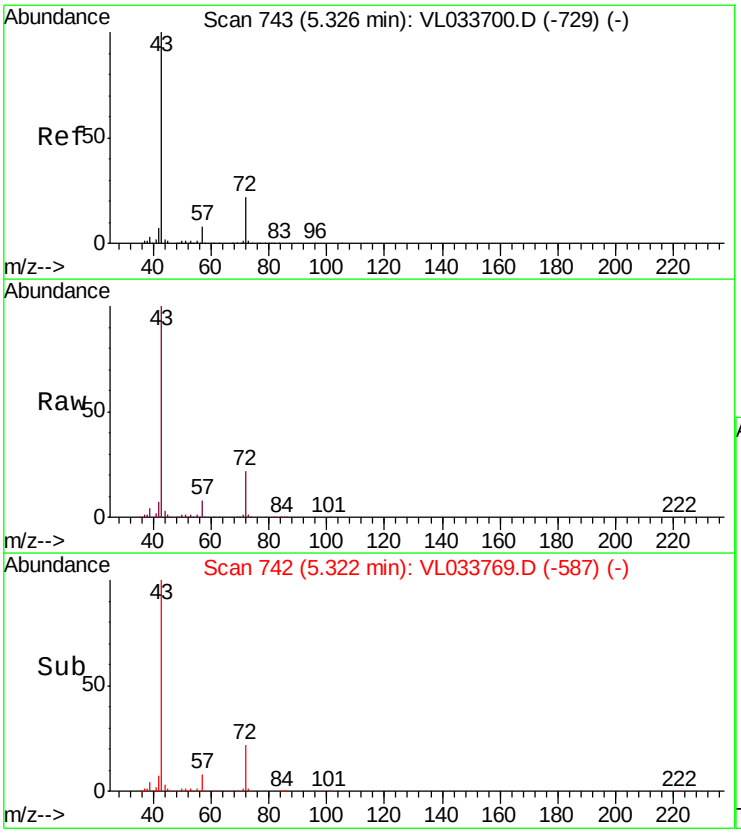
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2172776

Ion	Ratio	Lower	Upper
114	100		
63	26.6	20.9	31.3
88	17.8	14.3	21.5

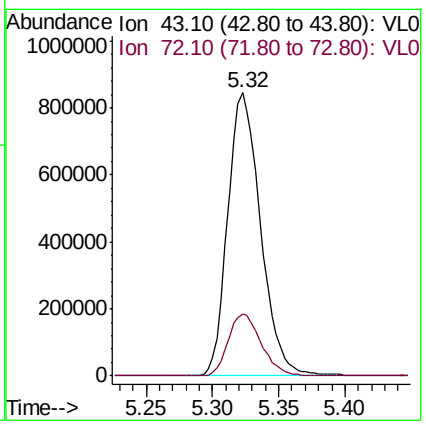


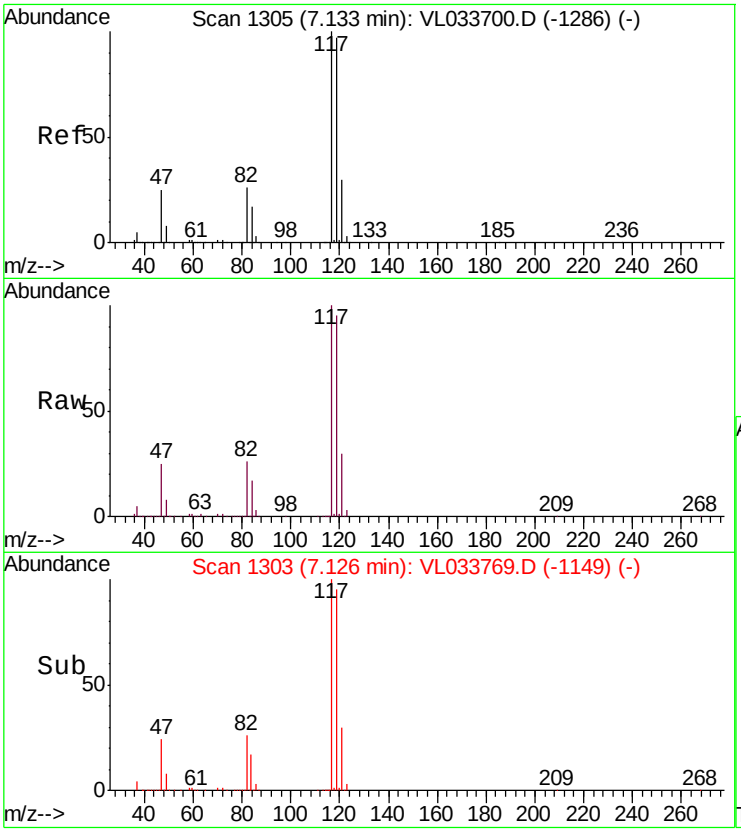


#34
2-Butanone
Concen: 10.764 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 43 Resp: 1449680

Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.8	26.6



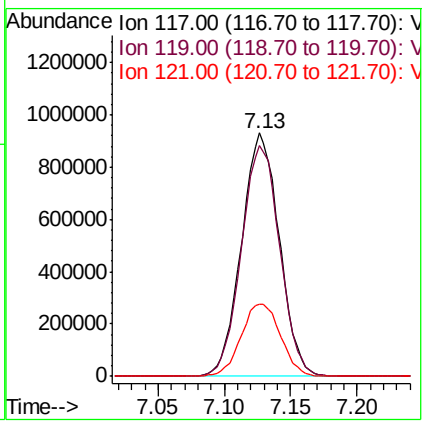


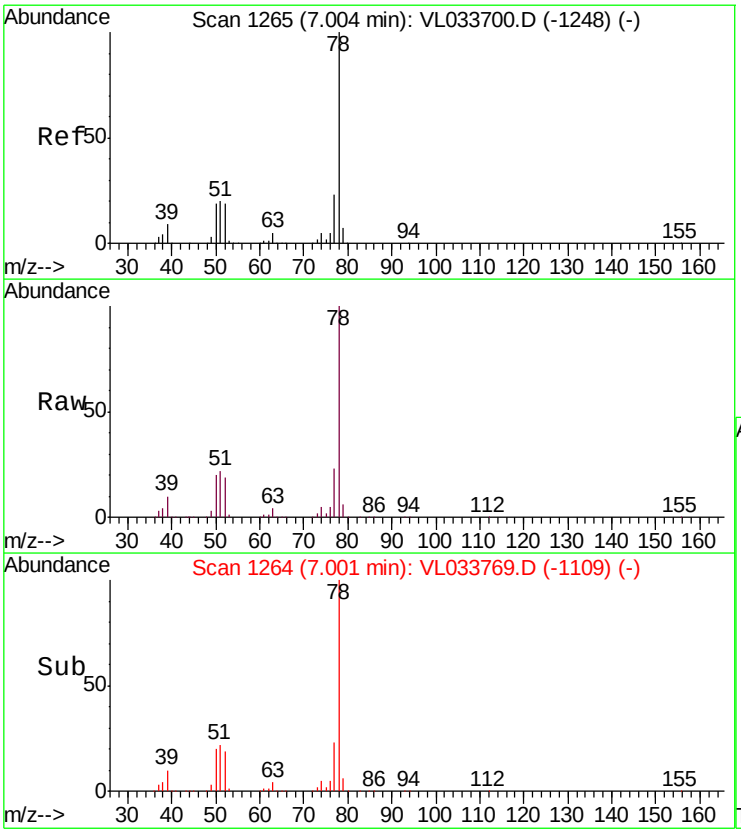
#35
Carbon Tetrachloride
Concen: 10.620 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:117 Resp: 1848489

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.2	115.8
121	29.8	24.1	36.1

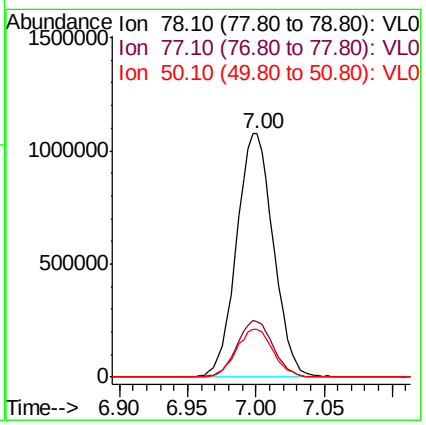


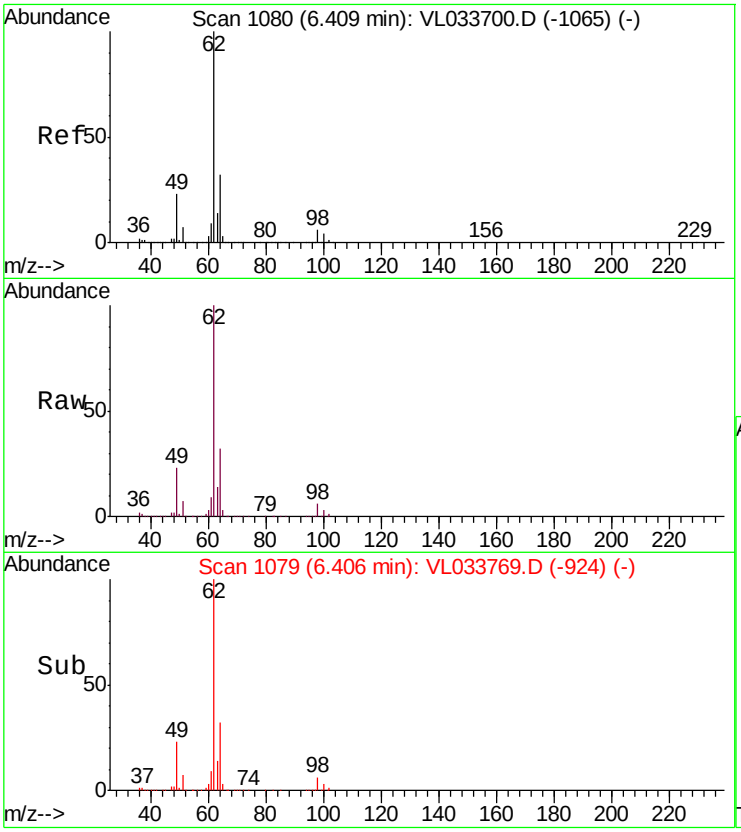


#36
Benzene
Concen: 10.184 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 78 Resp: 2012766

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.4	27.6
50	19.7	15.5	23.3



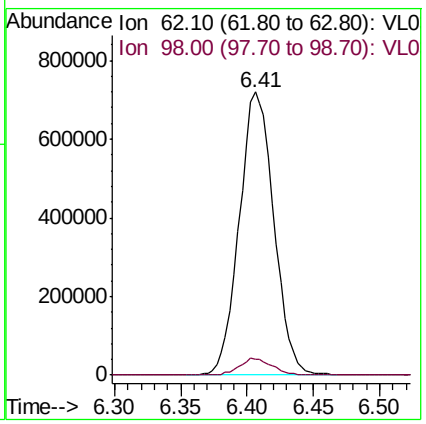


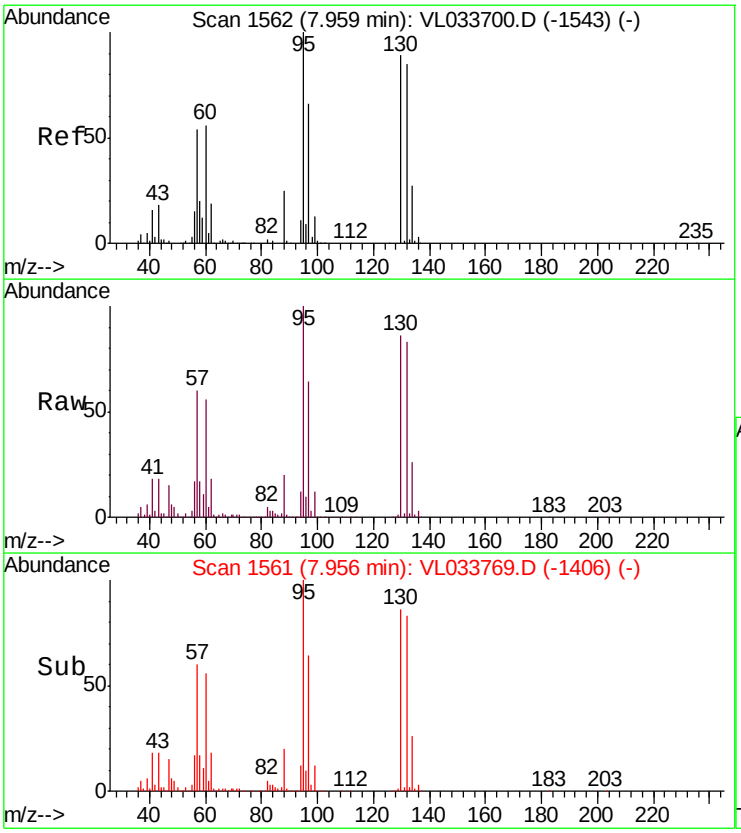
#37
1,2-Dichloroethane
Concen: 10.227 ppbv
RT: 6.41 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 1303952

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.5	6.7

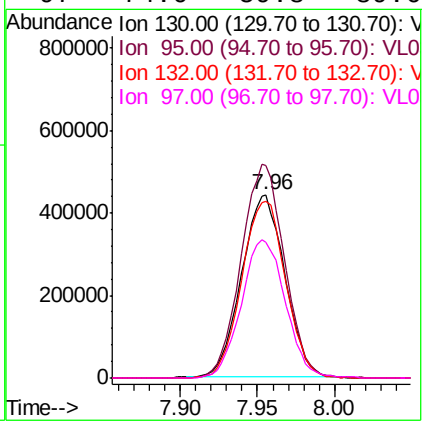


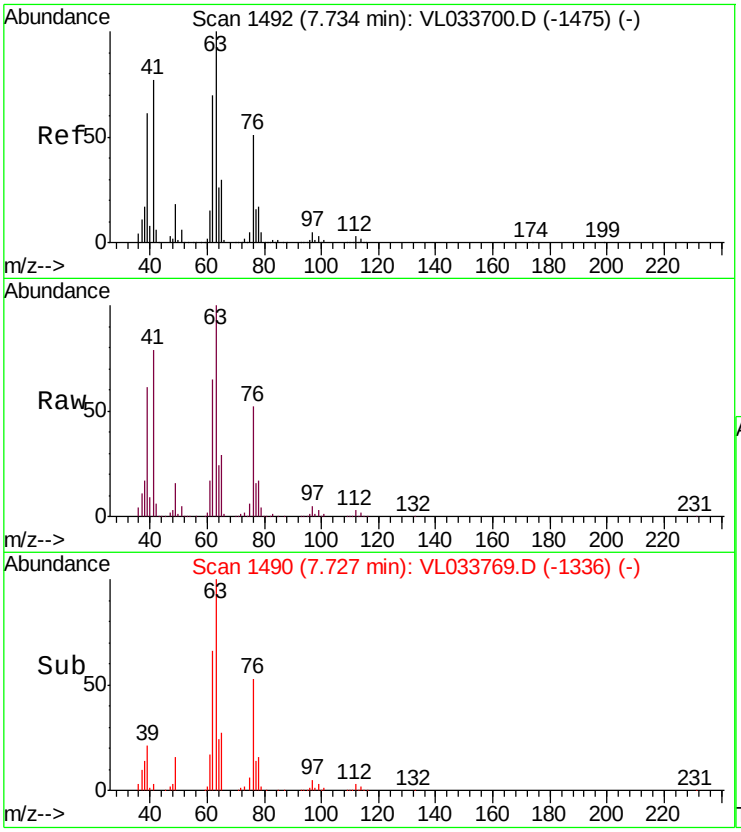


#38
Trichloroethene
Concen: 11.715 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:130 Resp: 859197

Ion	Ratio	Lower	Upper
130	100		
95	116.7	90.2	135.4
132	97.1	76.4	114.6
97	74.0	59.8	89.6



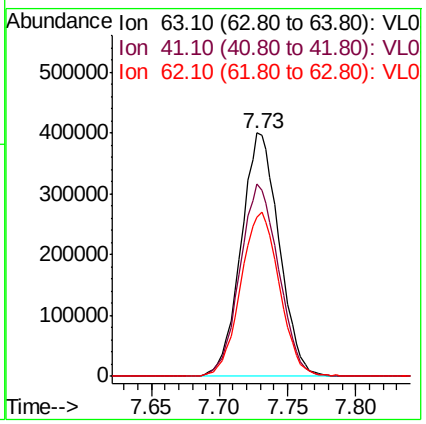


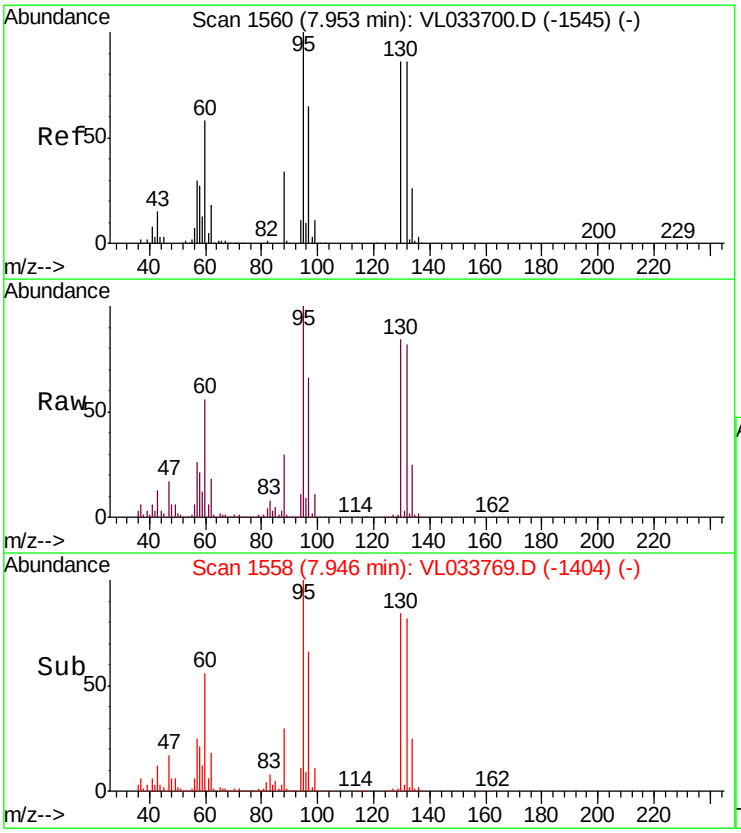
#39
1,2-Dichloropropane
Concen: 10.514 ppbv
RT: 7.73 min Scan# 1490
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 774767

Ion	Ratio	Lower	Upper
63	100		
41	79.2	61.5	92.3
62	65.4	56.2	84.4

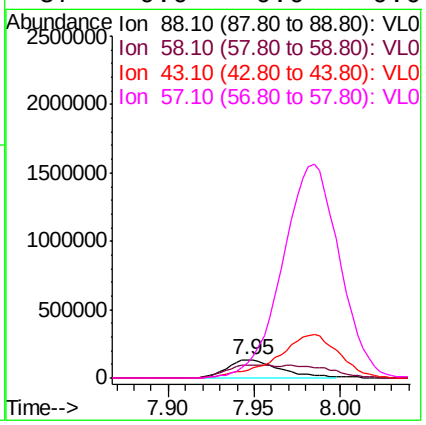


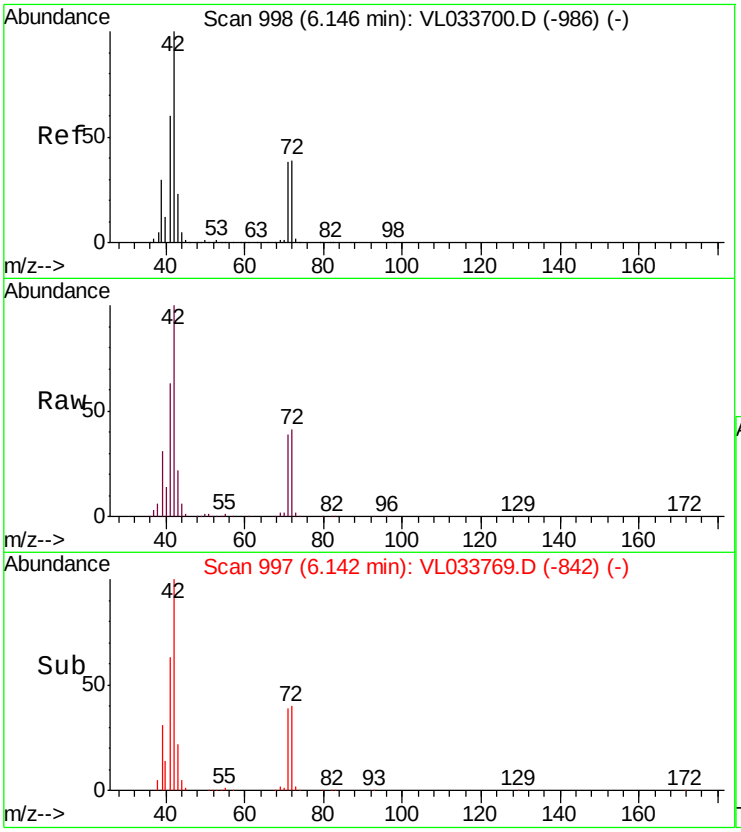


#40
1,4-Dioxane
Concen: 9.248 ppbv
RT: 7.95 min Scan# 1558
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 88 Resp: 285057

Ion	Ratio	Lower	Upper
88	100		
58	133.3	101.8	152.6
43	0.0	0.0	0.0
57	0.0	0.0	0.0



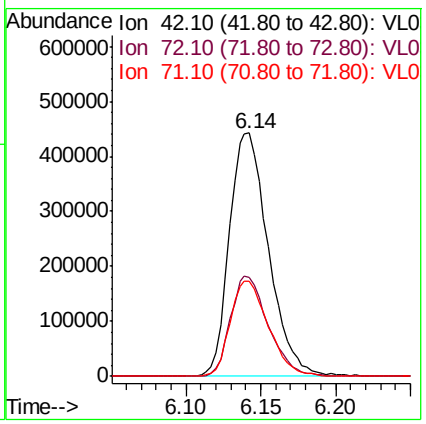


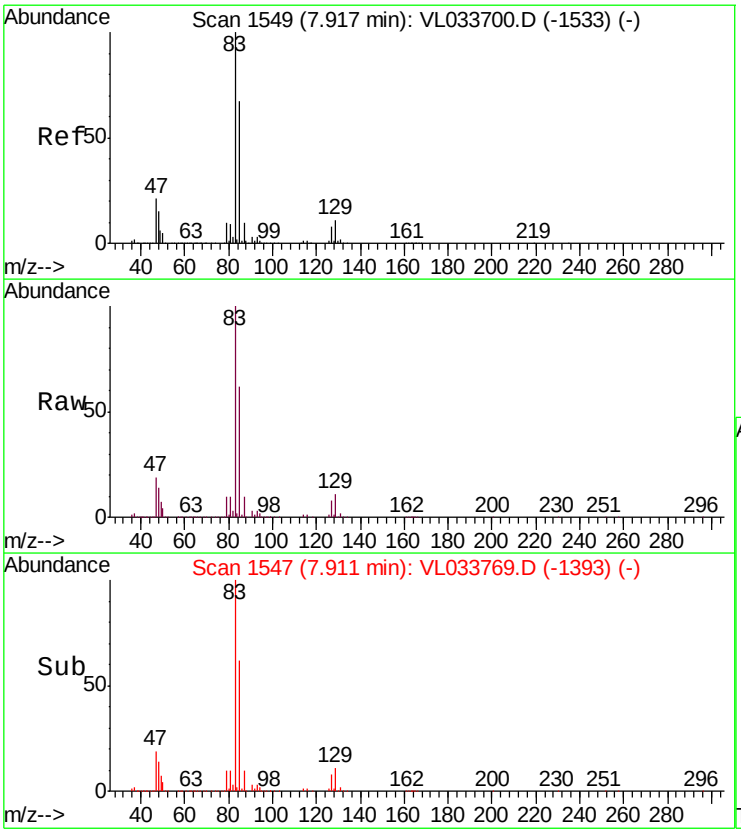
#41
Tetrahydrofuran
Concen: 10.664 ppbv
RT: 6.14 min Scan# 997
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 42 Resp: 804665

Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	38.5	30.4	45.6

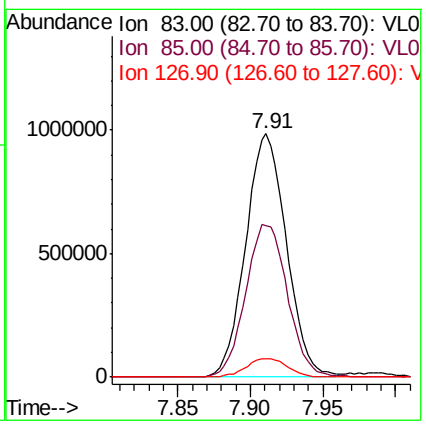


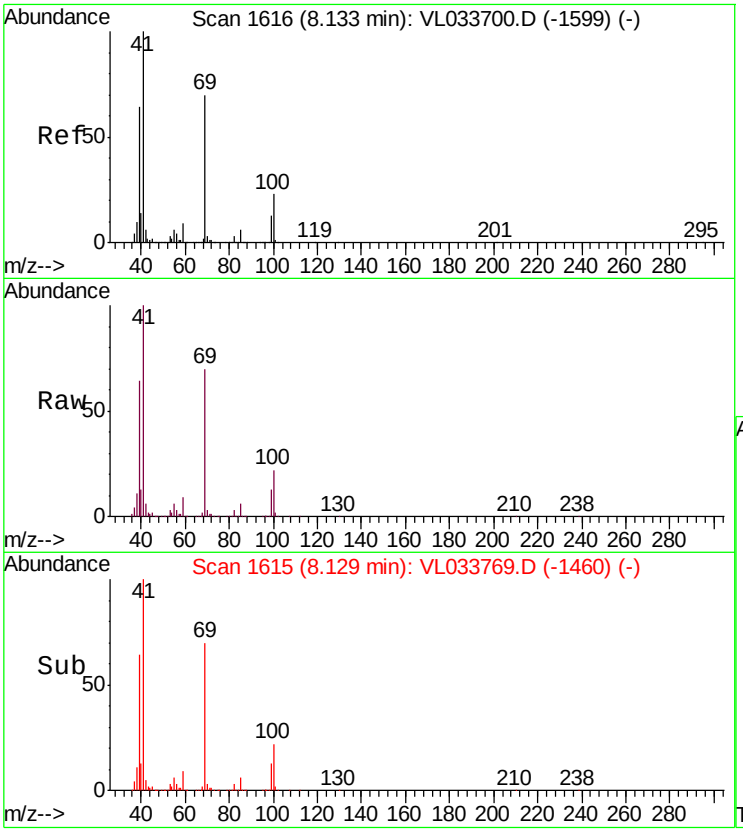


#42
Bromodichloromethane
Concen: 11.062 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 83 Resp: 1930909

Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.3	79.9
127	7.7	6.5	9.7



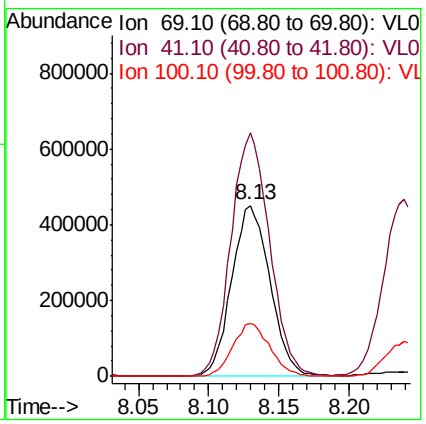


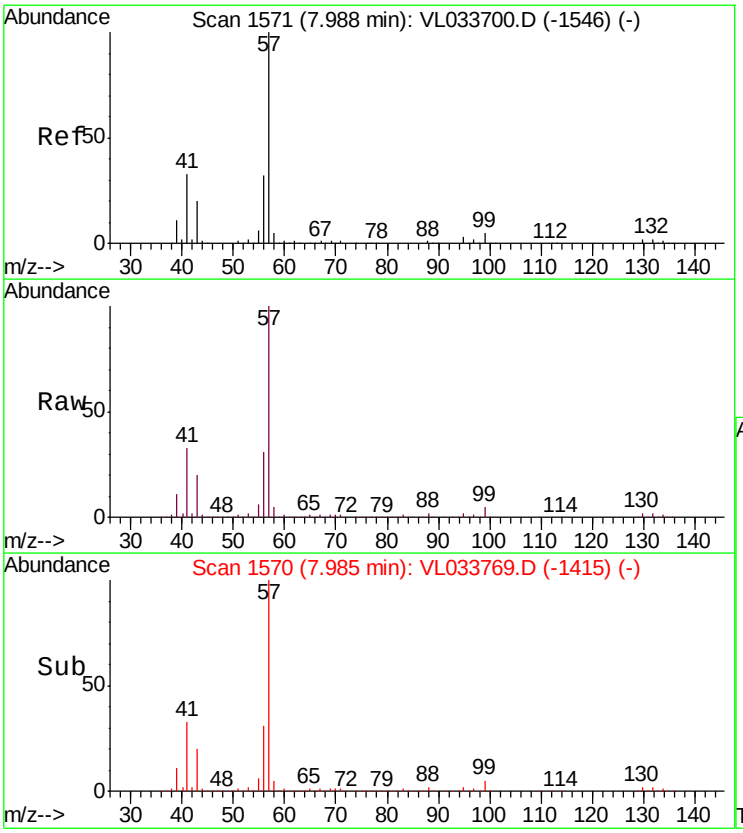
#43
Methyl Methacrylate
Concen: 11.797 ppbv
RT: 8.13 min Scan# 1615
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 858066

Ion	Ratio	Lower	Upper
69	100		
41	144.2	116.3	174.5
100	30.3	25.3	37.9

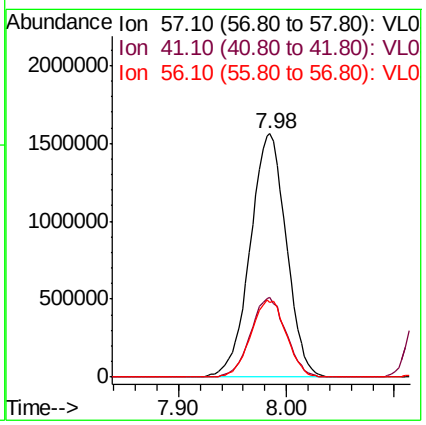


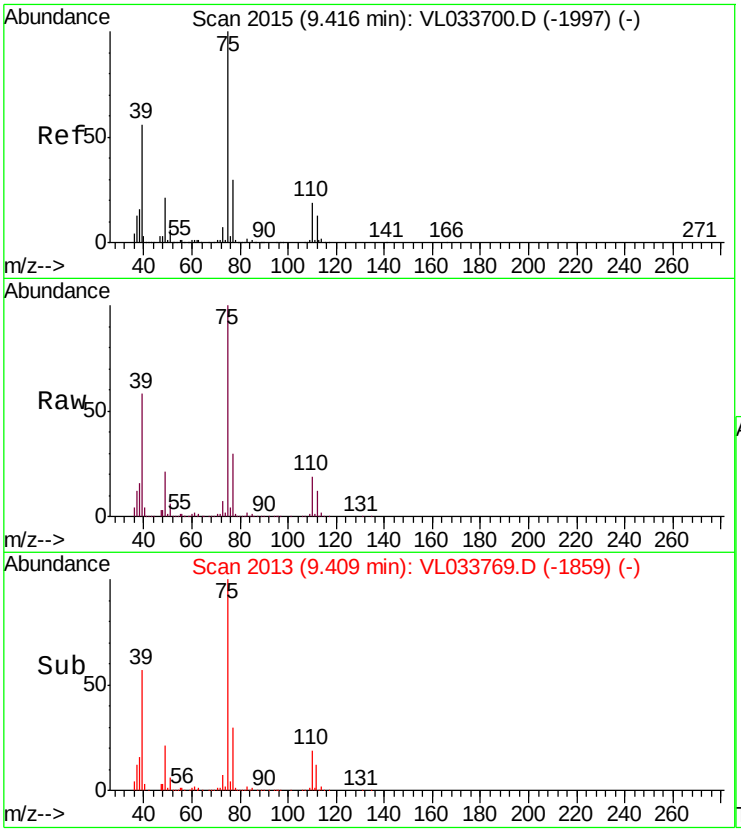


#44
2,2,4-Trimethylpentane
Concen: 10.837 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 57 Resp: 3619903

Ion	Ratio	Lower	Upper
57	100		
41	32.3	25.4	38.0
56	31.3	24.7	37.1



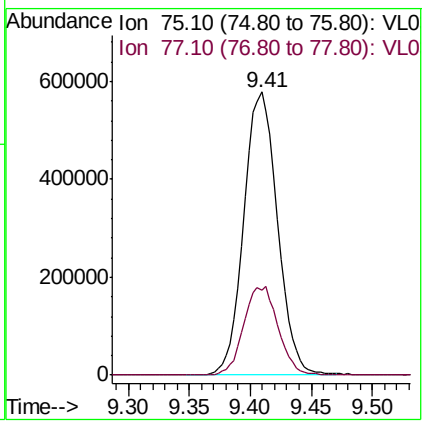


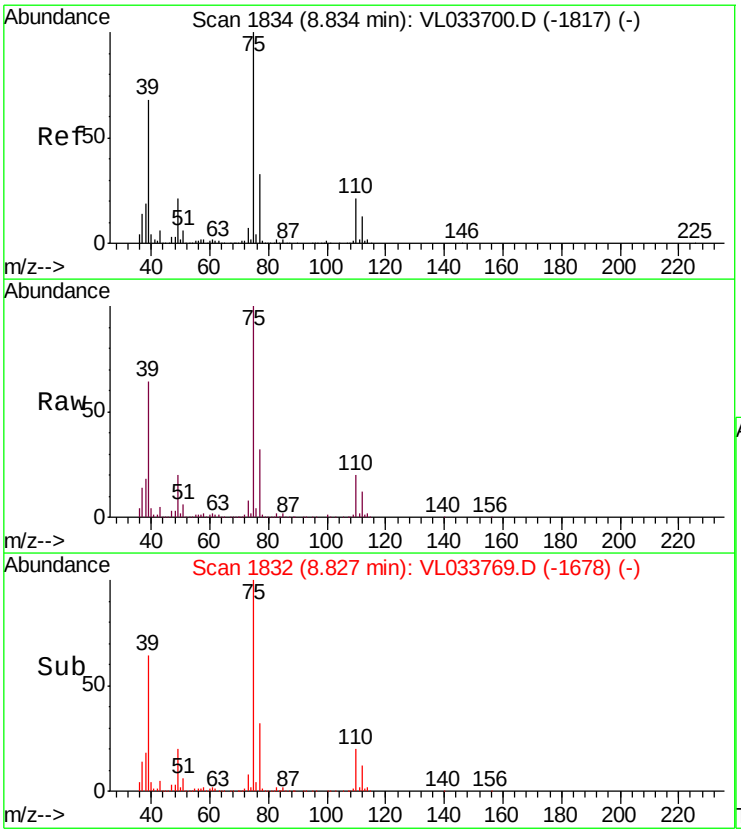
#45
t-1,3-Dichloropropene
Concen: 11.916 ppbv
RT: 9.41 min Scan# 2013
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1098798

Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.4	36.6

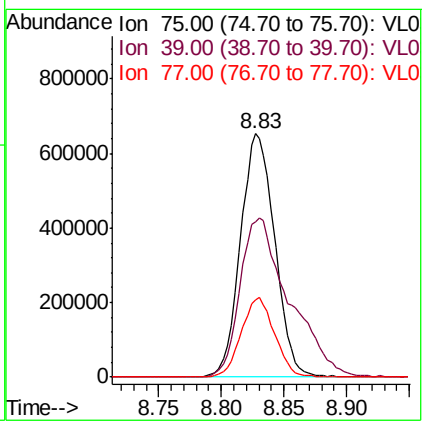


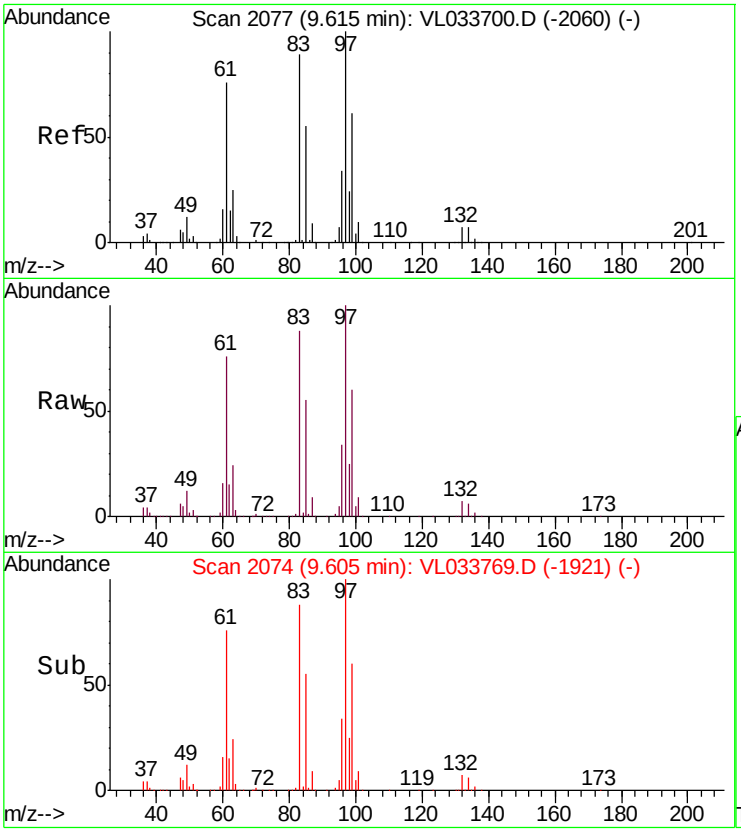


#46
cis-1,3-Dichloropropene
Concen: 11.488 ppbv
RT: 8.83 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 75 Resp: 1240409

Ion	Ratio	Lower	Upper
75	100		
39	63.8	54.4	81.6
77	31.7	26.6	39.8



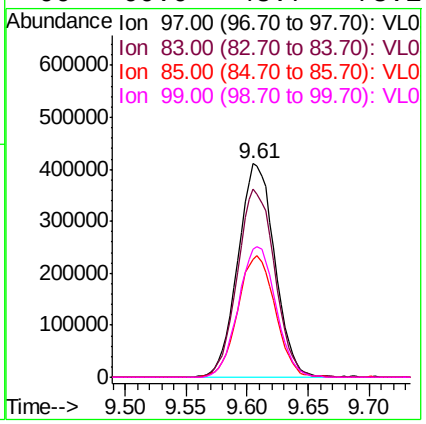


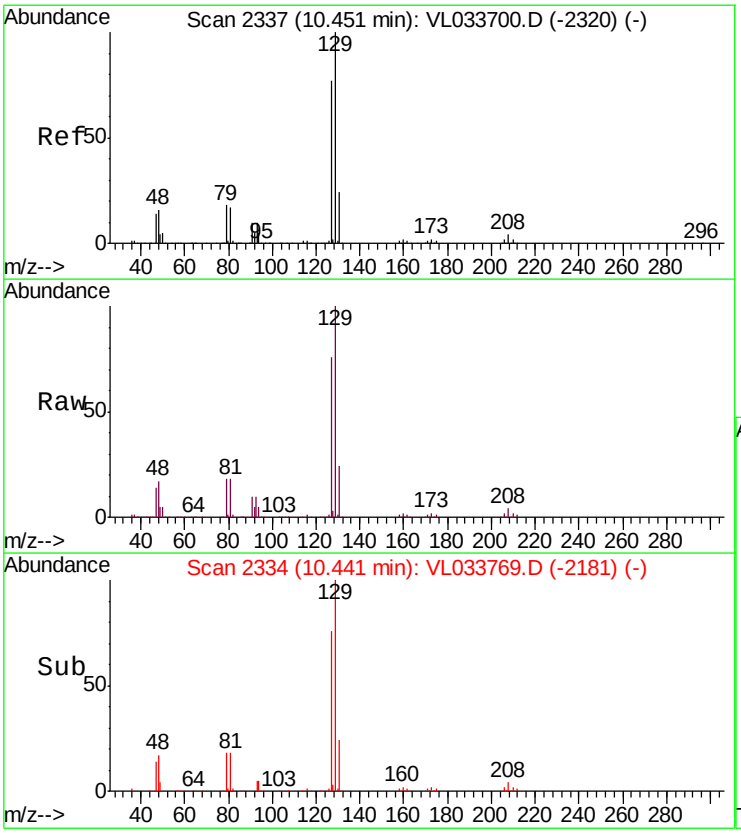
#47
1,1,2-Trichloroethane
Concen: 10.241 ppbv
RT: 9.61 min Scan# 2074
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 97 Resp: 857275

Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.8	106.2
85	54.9	43.7	65.5
99	60.0	48.7	73.1

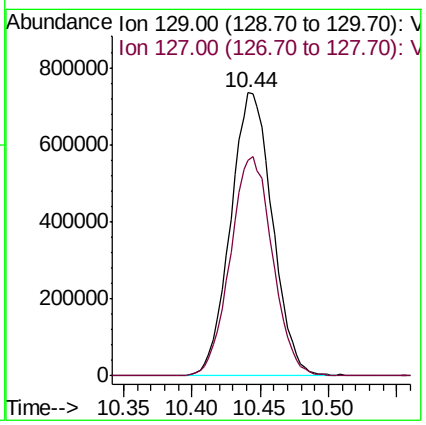


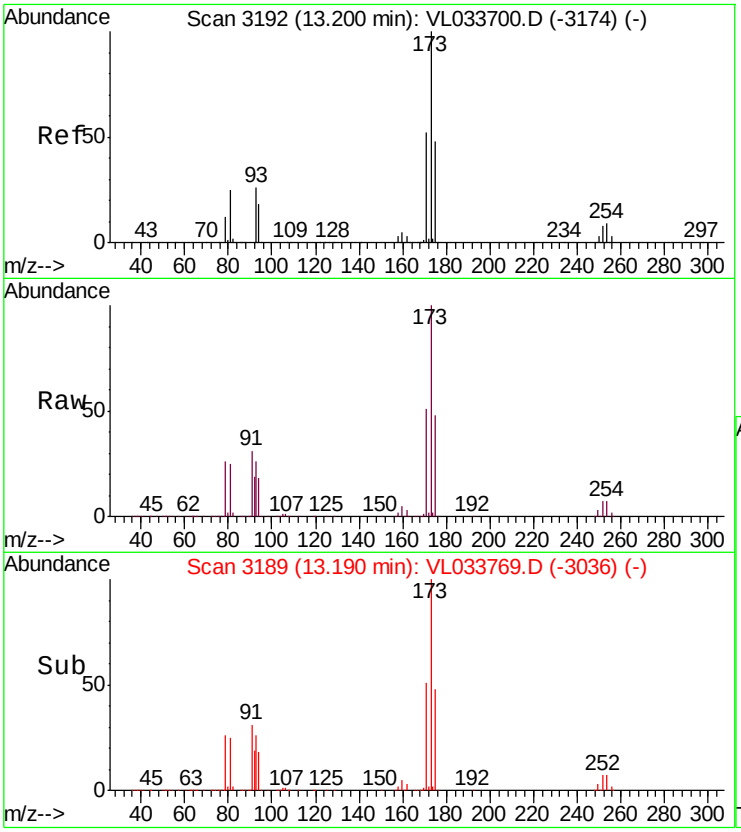


#48
Dibromochloromethane
Concen: 10.795 ppbv
RT: 10.44 min Scan# 2334
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:129 Resp: 1565762

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.6	116.0



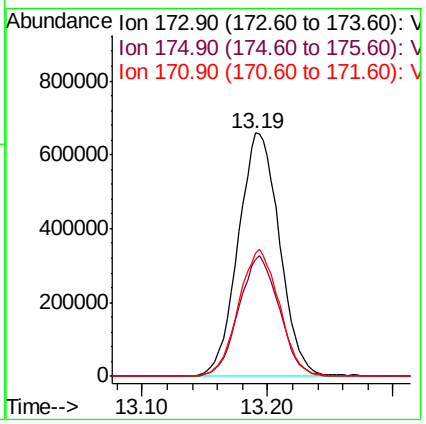


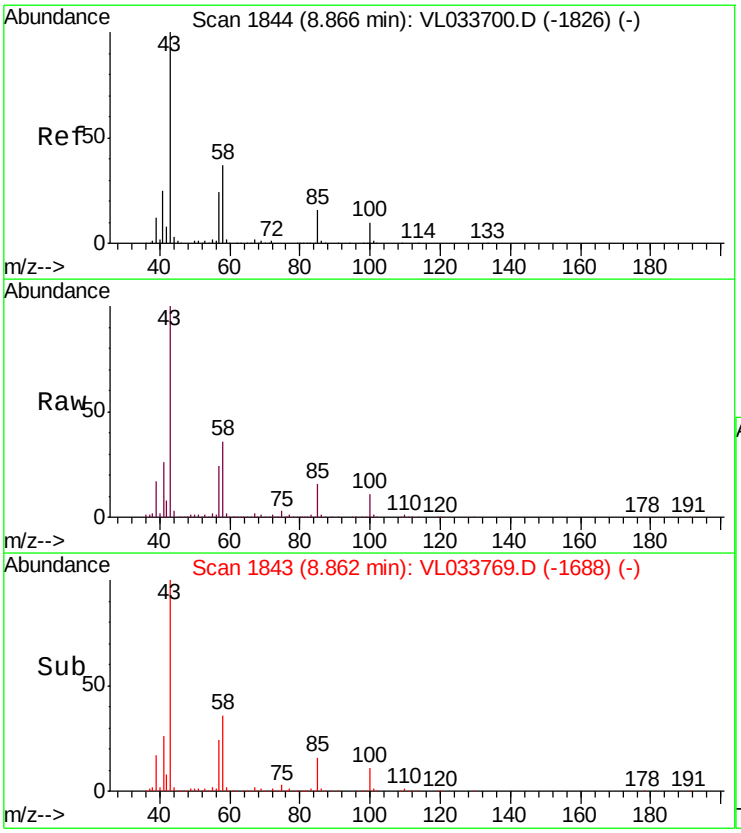
#49
Bromoform
Concen: 12.313 ppbv
RT: 13.19 min Scan# 3189
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1502761

Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.6	58.0
171	51.8	41.5	62.3

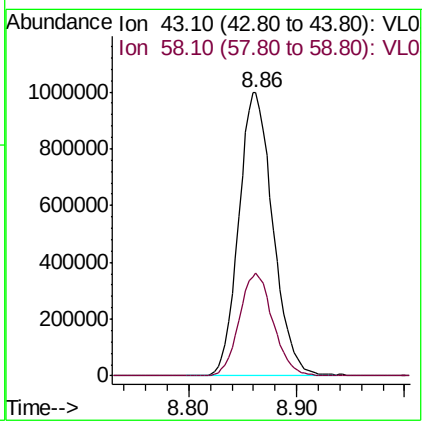


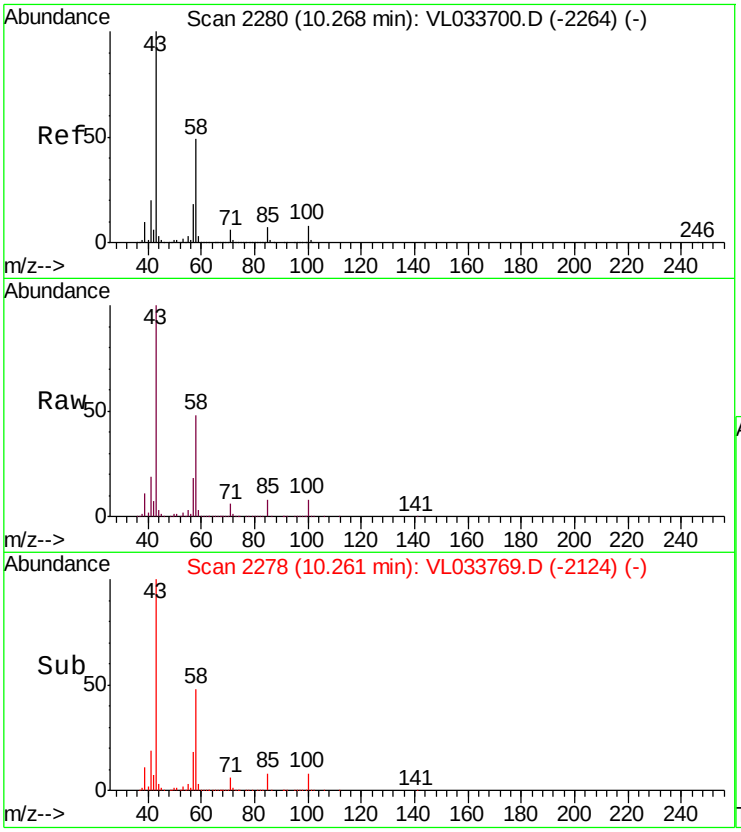


#50
4-Methyl-2-Pentanone
Concen: 10.598 ppbv
RT: 8.86 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 43 Resp: 2195384

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.6	43.0



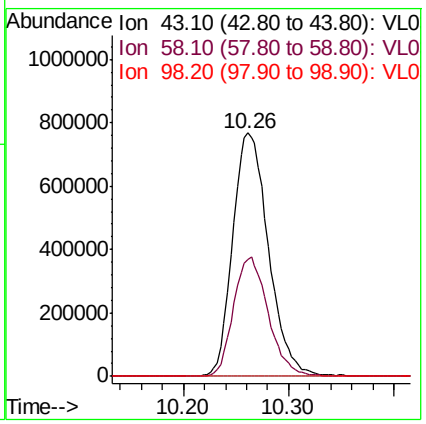


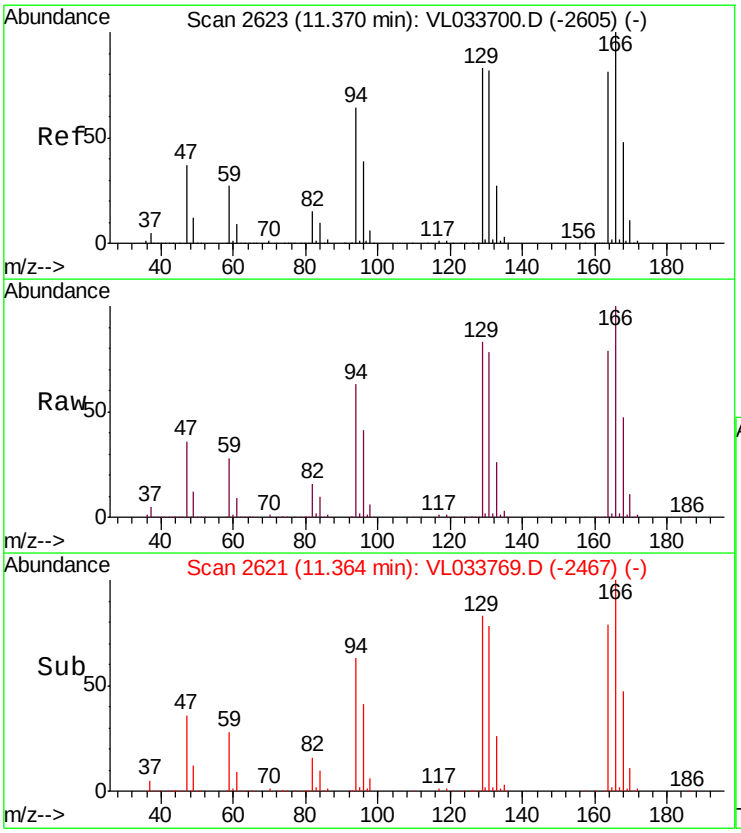
#51
2-Hexanone
Concen: 11.168 ppbv
RT: 10.26 min Scan# 2278
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1805609

Ion	Ratio	Lower	Upper
43	100		
58	47.7	38.7	58.1
98	0.4	0.2	0.4#

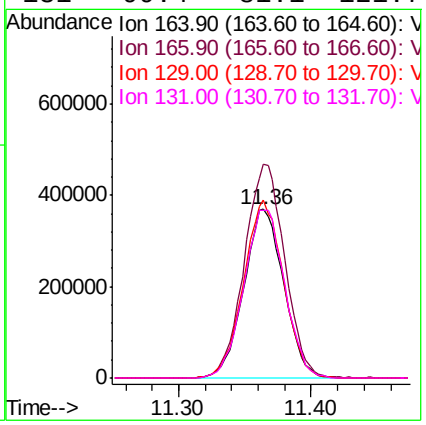


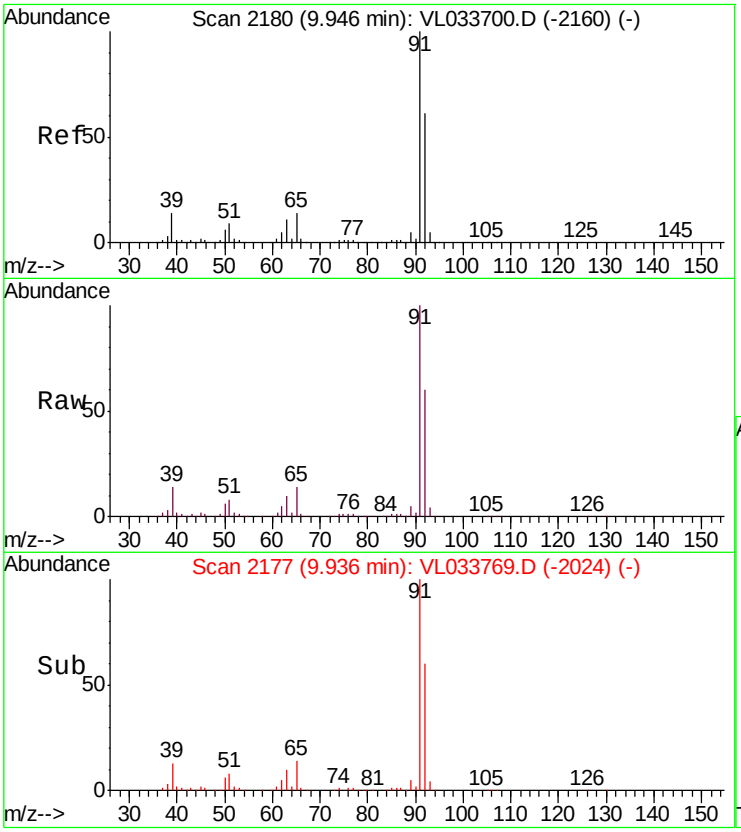


#52
Tetrachloroethene
Concen: 11.092 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:164 Resp: 770616

Ion	Ratio	Lower	Upper
164	100		
166	126.6	98.9	148.3
129	105.4	81.8	122.6
131	99.4	81.1	121.7



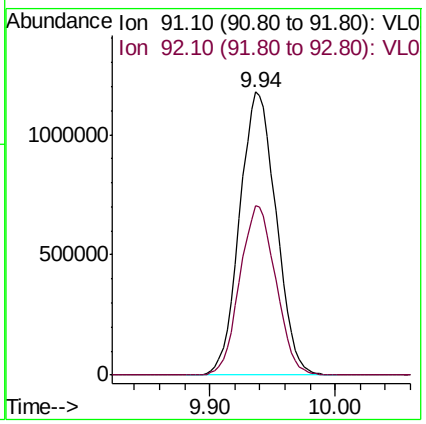


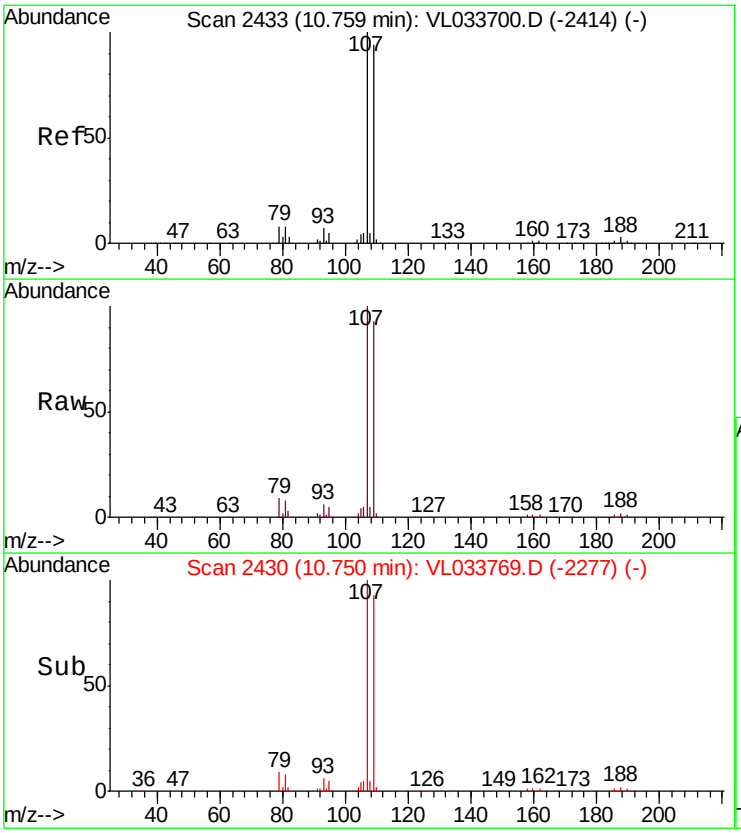
#53
Toluene
Concen: 11.156 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2378312

Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.6	71.4

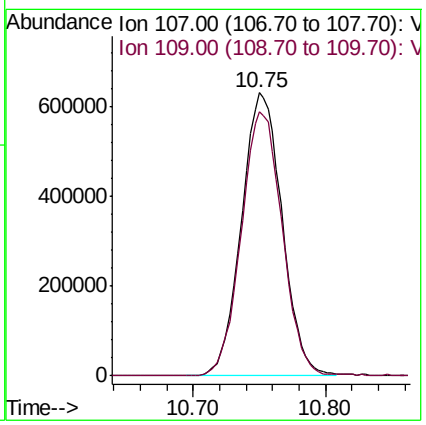


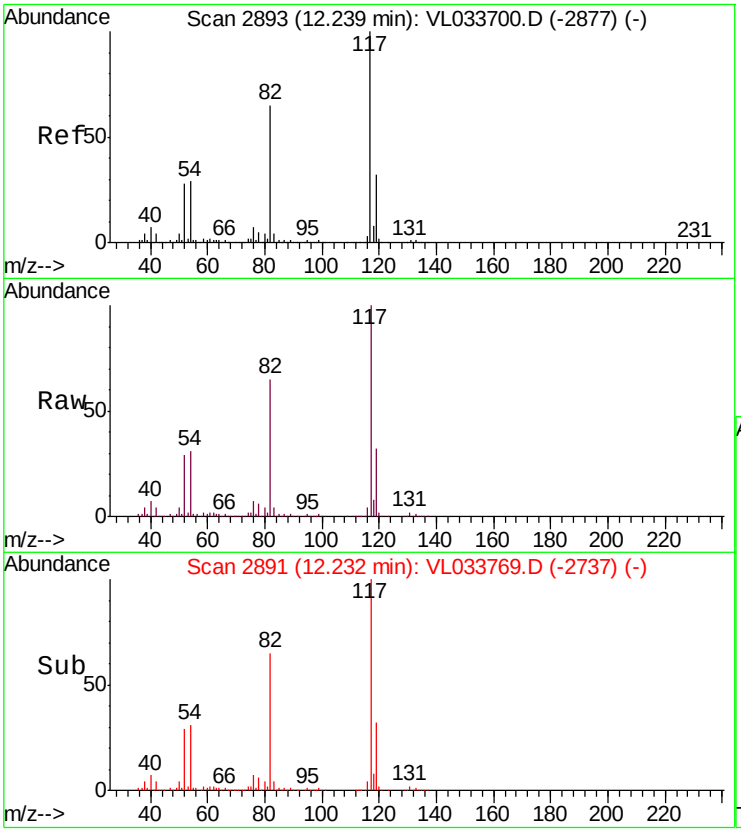


#54
1,2-Dibromoethane
Concen: 10.501 ppbv
RT: 10.75 min Scan# 2430
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:107 Resp: 1341486

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.2	112.8



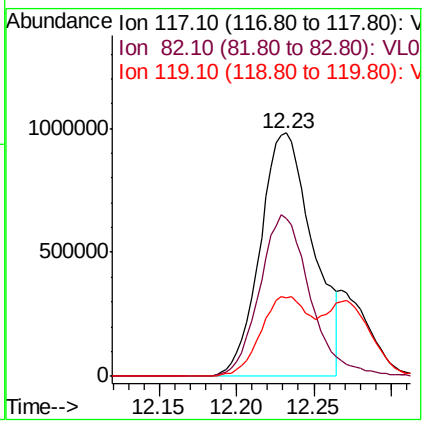


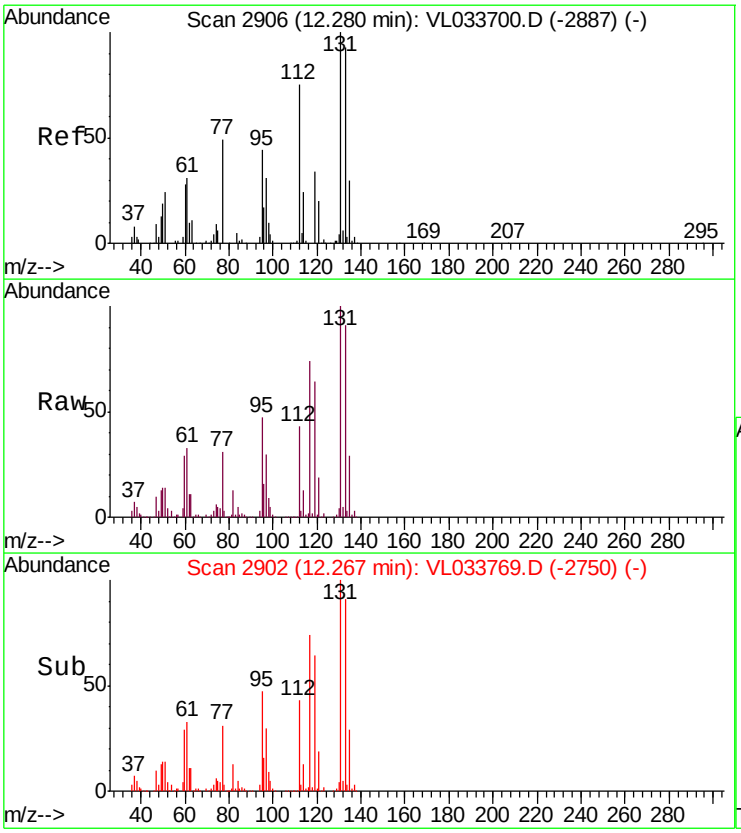
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:117 Resp: 2331950

Ion	Ratio	Lower	Upper
117	100		
82	64.0	49.4	74.0
119	28.5	24.9	37.3

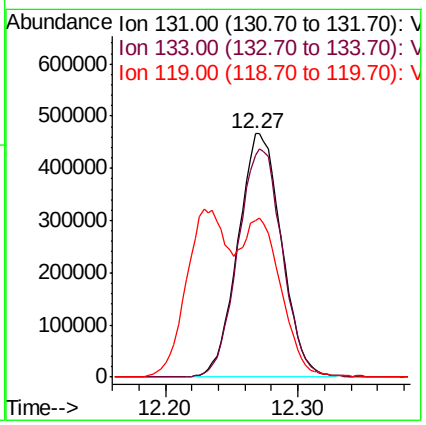


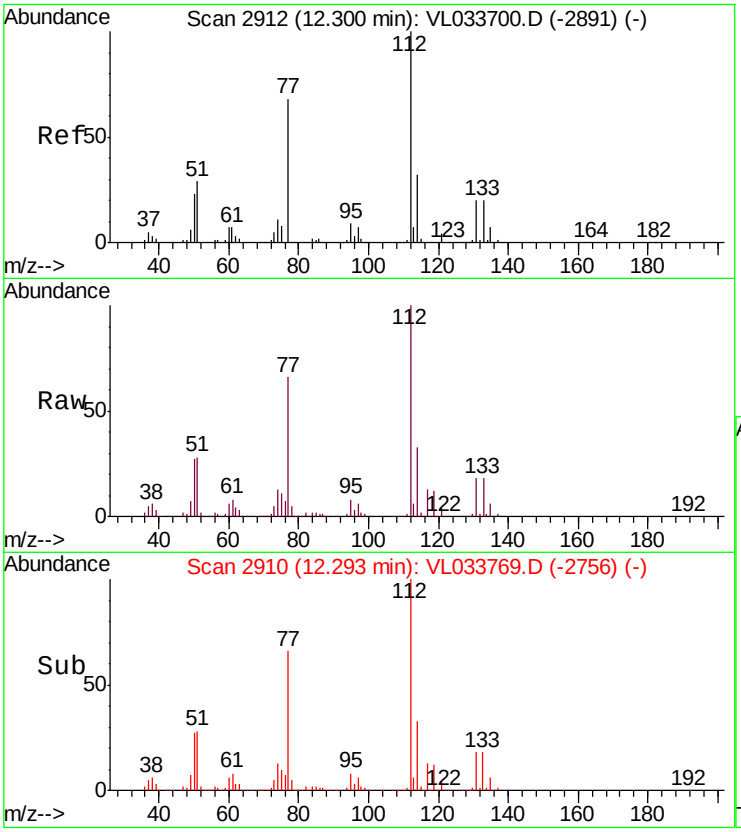


#56
1,1,1,2-Tetrachloroethane
Concen: 9.876 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:131 Resp: 1065694

Ion	Ratio	Lower	Upper
131	100		
133	95.8	76.6	114.8
119	65.1	49.0	73.4



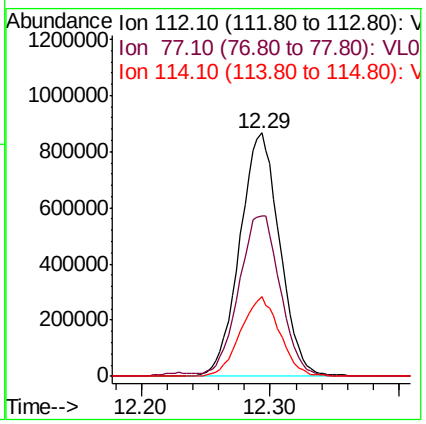


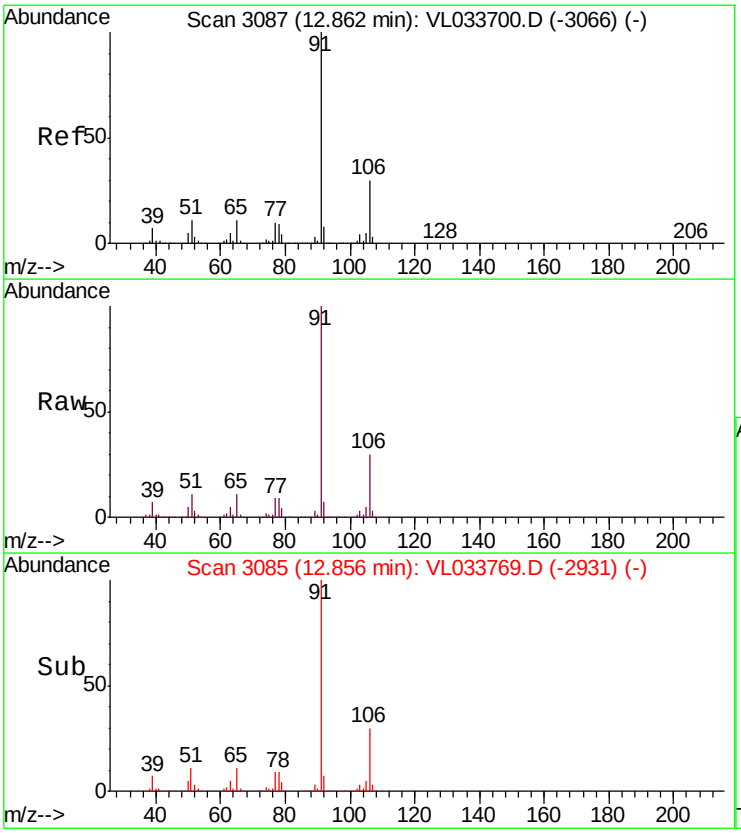
#57
Chlorobenzene
Concen: 9.721 ppbv
RT: 12.29 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1866034

Ion	Ratio	Lower	Upper
112	100		
77	65.8	55.4	83.0
114	32.5	29.3	35.8

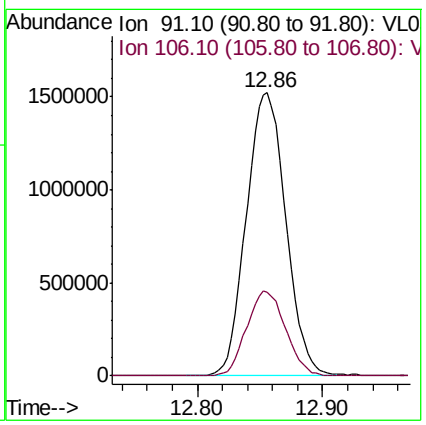


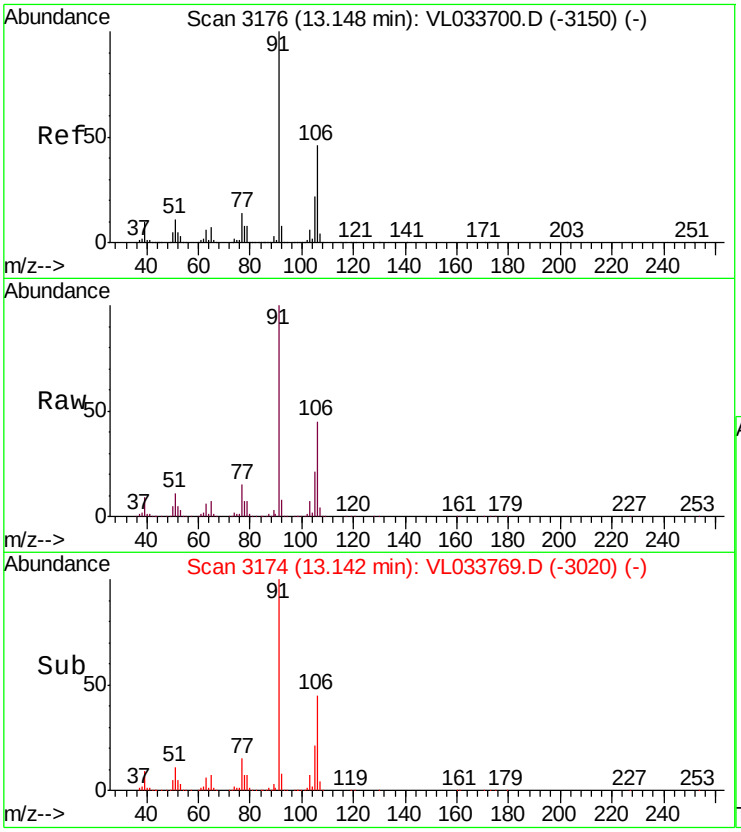


#58
Ethyl Benzene
Concen: 10.797 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 91 Resp: 3334144

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.9	35.9



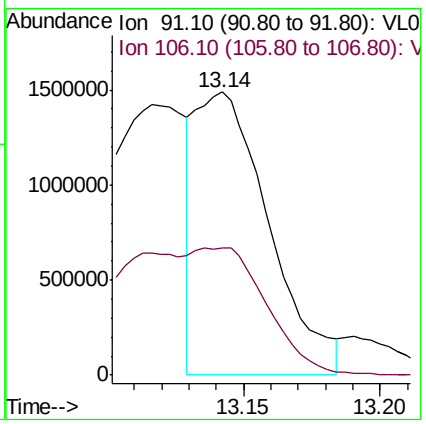


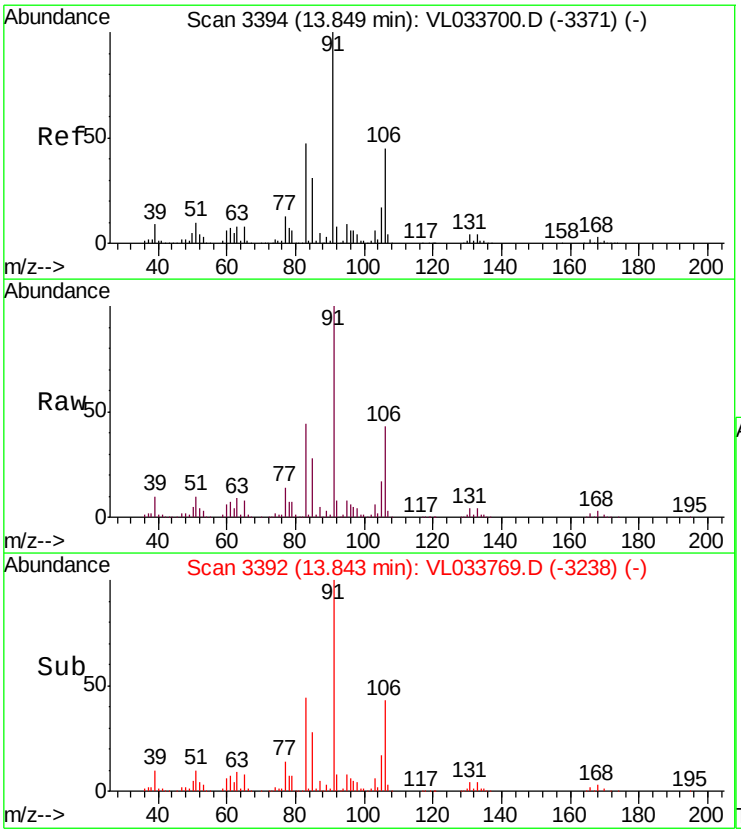
#59
m/p-Xylene
Concen: 10.246 ppbv
RT: 13.14 min Scan# 3174
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2765851

Ion	Ratio	Lower	Upper
91	100		
106	94.9	35.8	53.6#

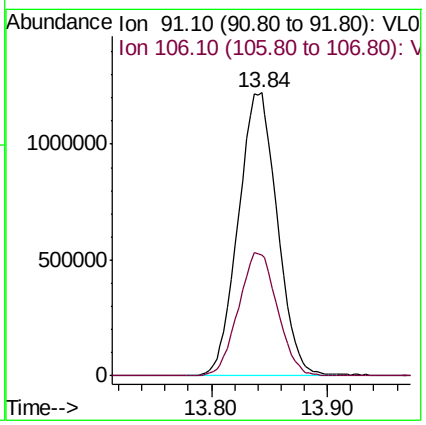


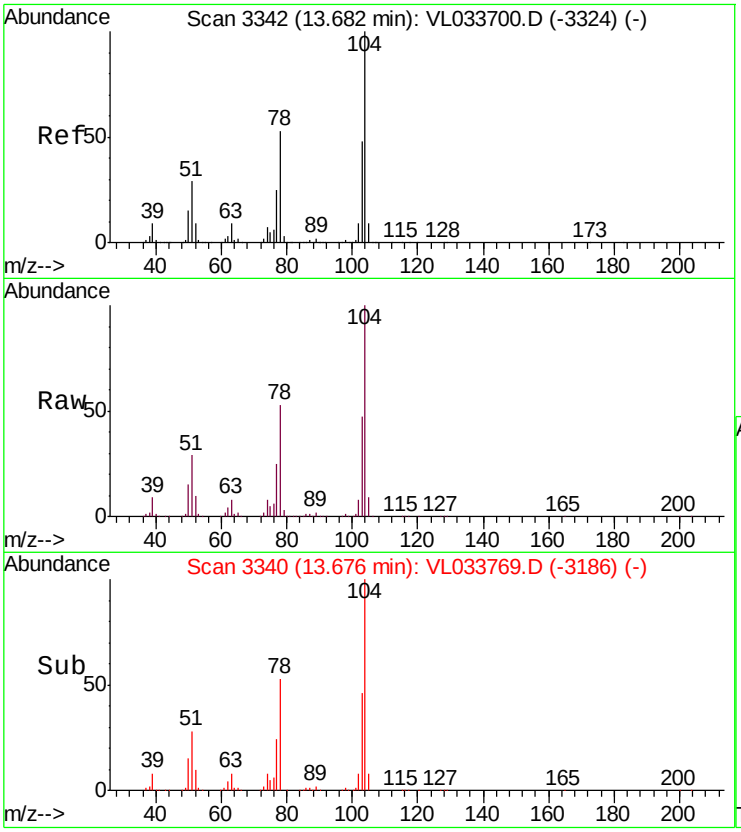


#60
o-Xylene
Concen: 10.516 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 91 Resp: 2861613

Ion	Ratio	Lower	Upper
91	100		
106	43.7	21.6	64.8



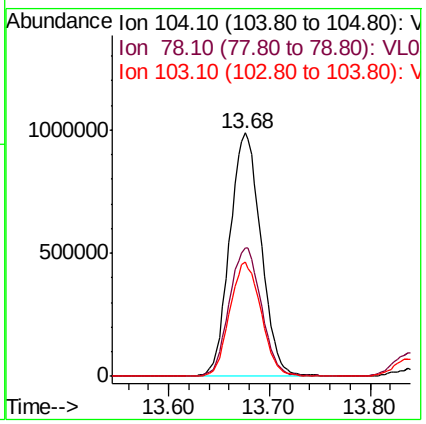


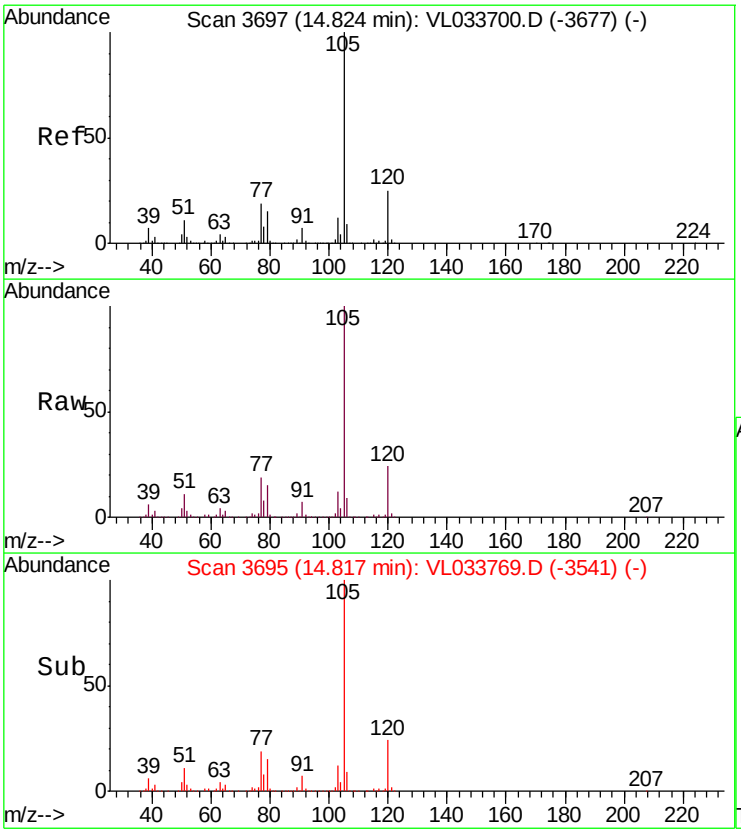
#61
Styrene
Concen: 11.646 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 2133650

Ion	Ratio	Lower	Upper
104	100		
78	54.1	42.6	64.0
103	47.2	37.8	56.6

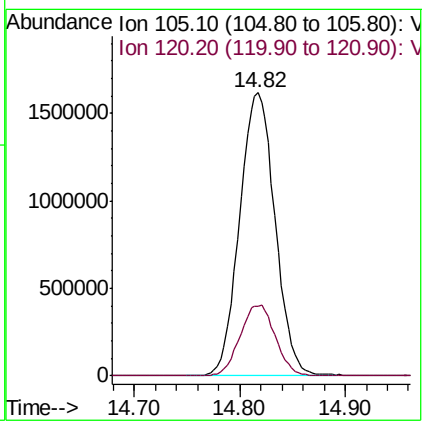


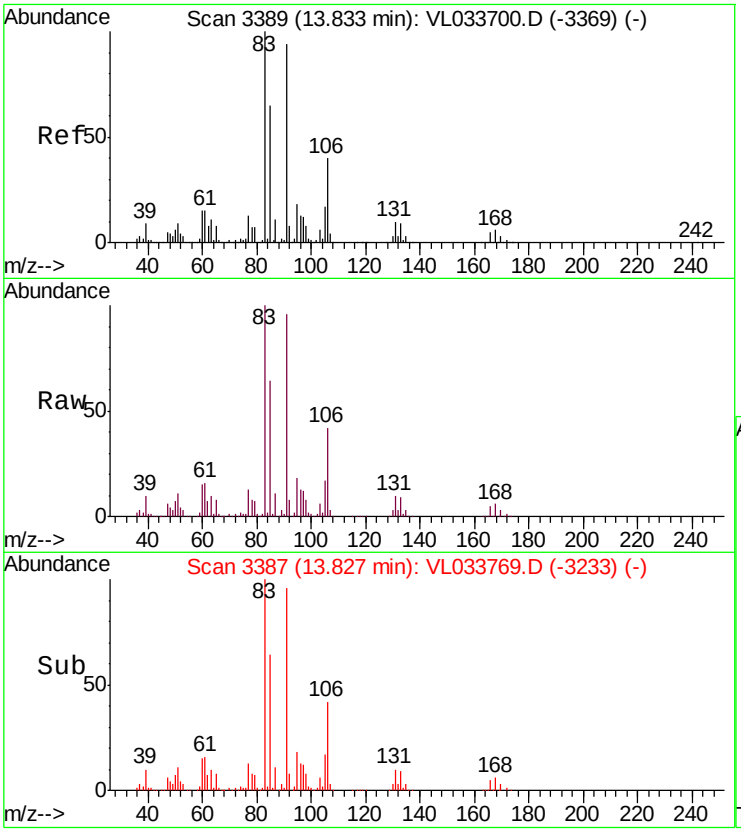


#62
Isopropylbenzene
Concen: 10.335 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:105 Resp: 3787529

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.1	30.1



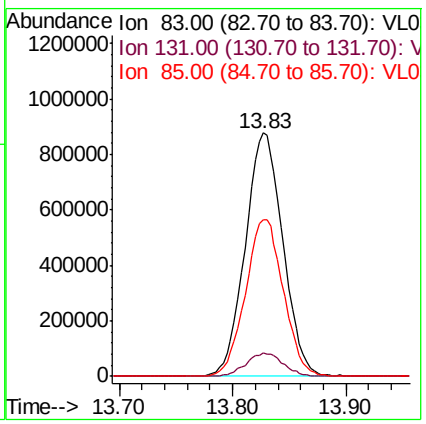


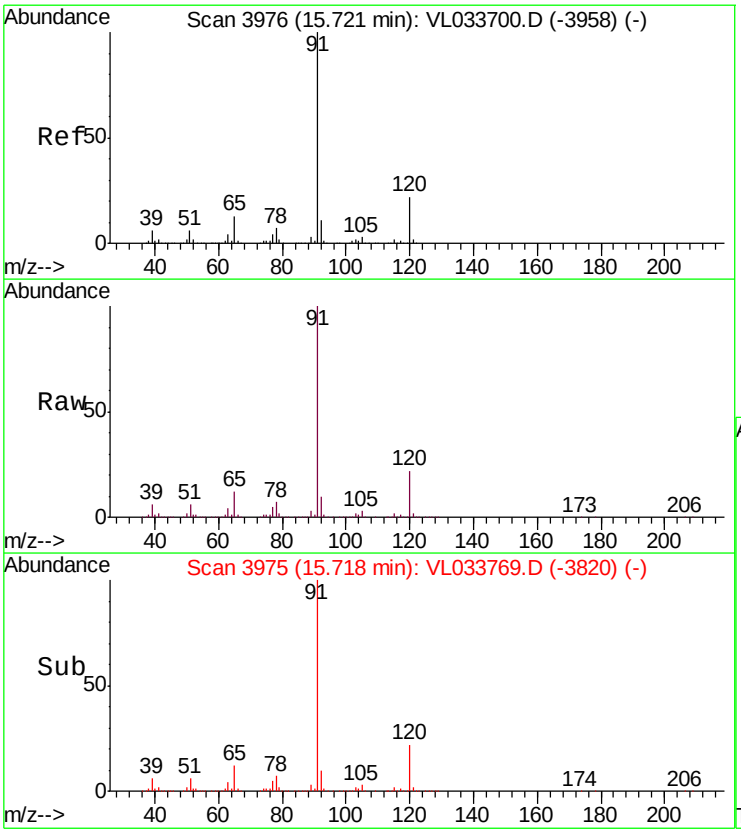
#63
1,1,2,2-Tetrachloroethane
Concen: 10.223 ppbv
RT: 13.83 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 2023144

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.3
85	65.1	32.3	96.9

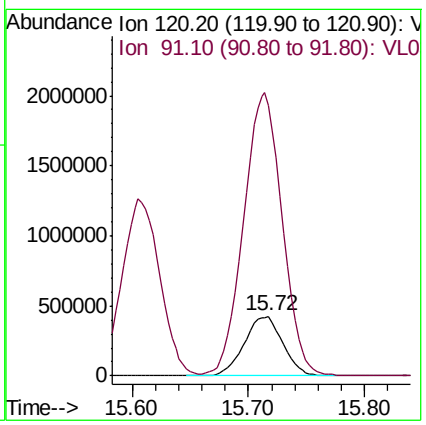


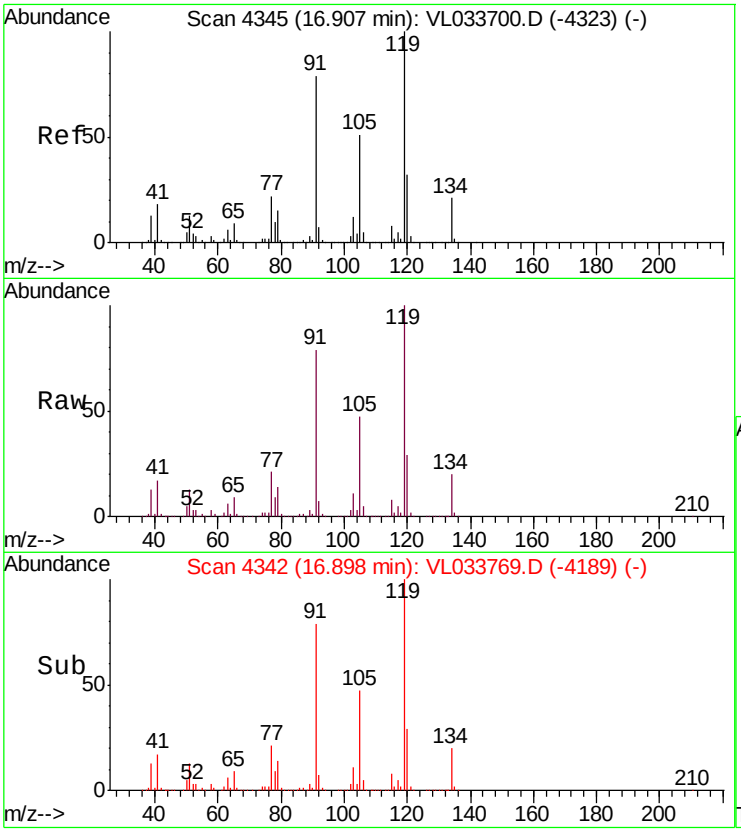


#64
n-propylbenzene
Concen: 10.345 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:120 Resp: 980681

Ion	Ratio	Lower	Upper
120	100		
91	478.5	379.1	568.7



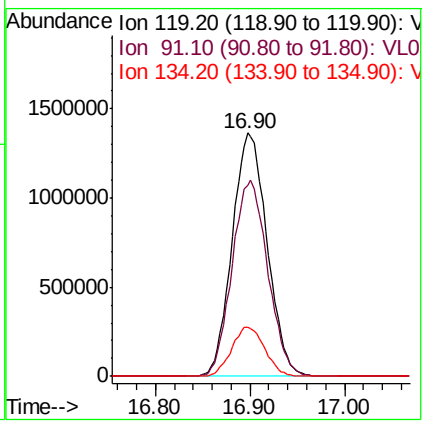


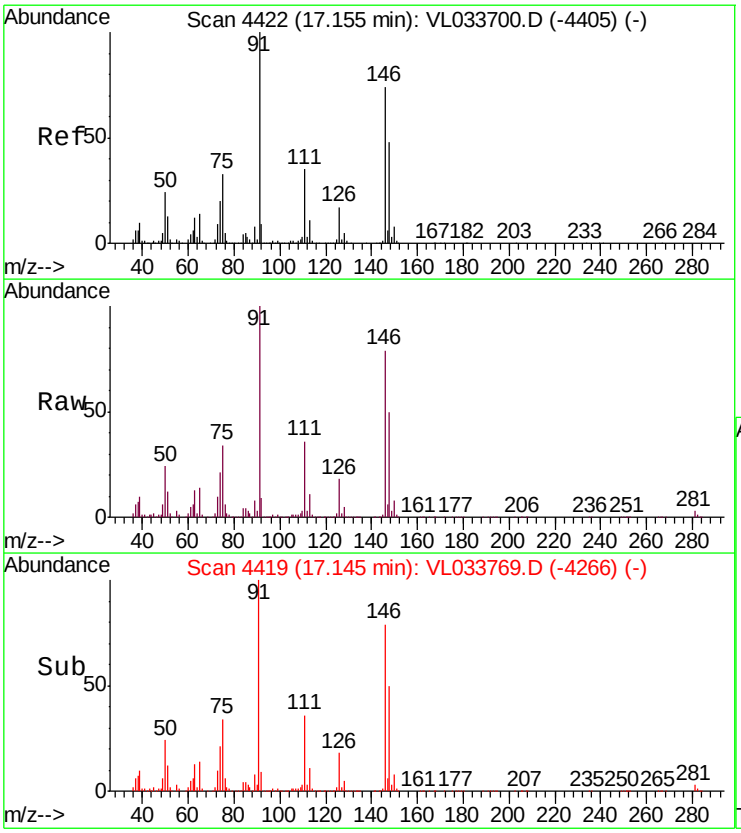
#65
tert-Butylbenzene
Concen: 10.440 ppbv
RT: 16.90 min Scan# 4342
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3493004

Ion	Ratio	Lower	Upper
119	100		
91	82.3	65.3	97.9
134	19.3	15.7	23.5

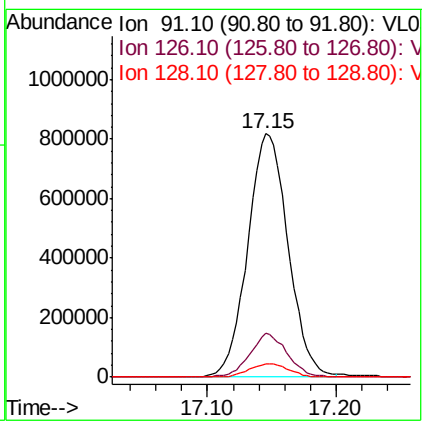


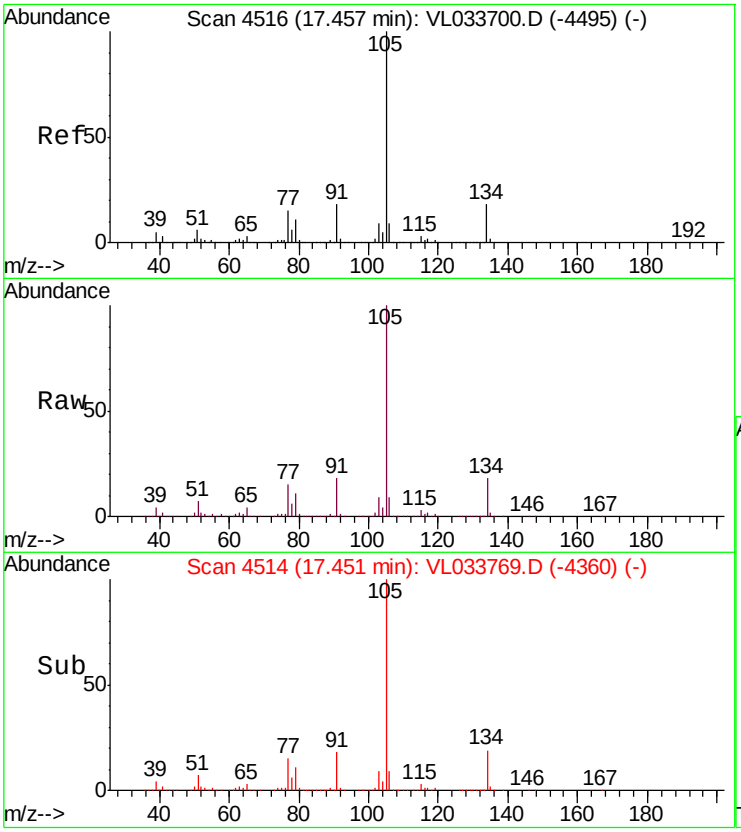


#66
Benzyl Chloride
Concen: 11.196 ppbv
RT: 17.15 min Scan# 4419
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 91 Resp: 1784288

Ion	Ratio	Lower	Upper
91	100		
126	16.8	13.5	20.3
128	5.5	4.3	6.5



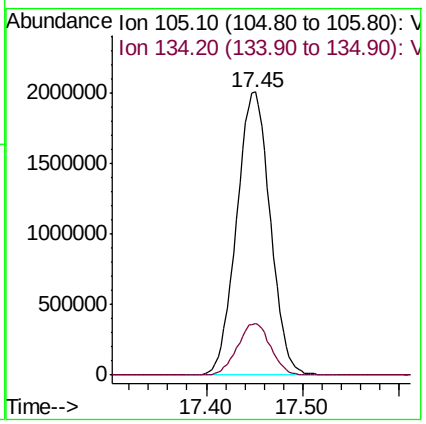


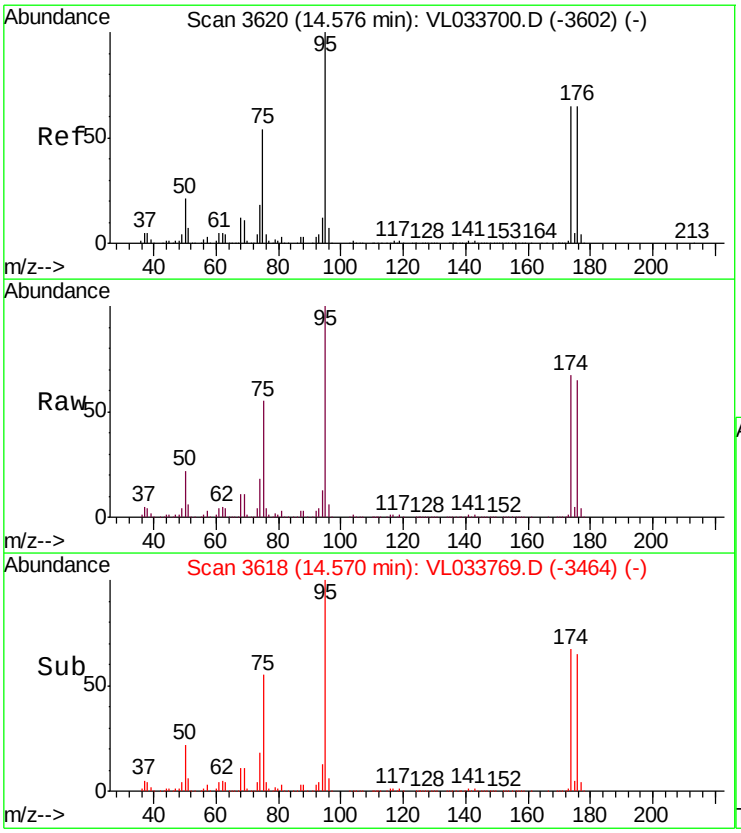
#67
sec-Butylbenzene
Concen: 10.372 ppbv
RT: 17.45 min Scan# 4514
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:105 Resp: 4857591

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.6	22.0

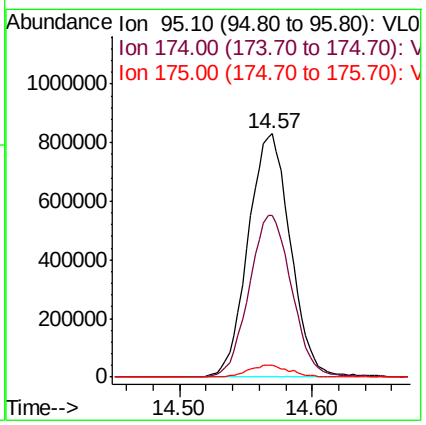


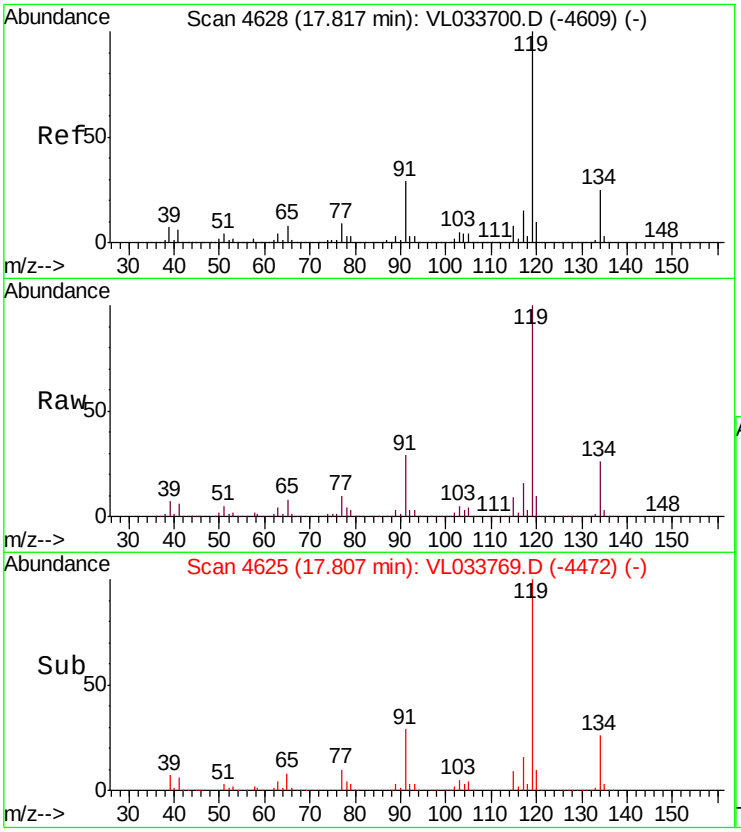


#68
1-Bromo-4-Fluorobenzene
Concen: 9.696 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 95 Resp: 1833059

Ion	Ratio	Lower	Upper
95	100		
174	67.6	53.9	80.9
175	4.9	3.8	5.8



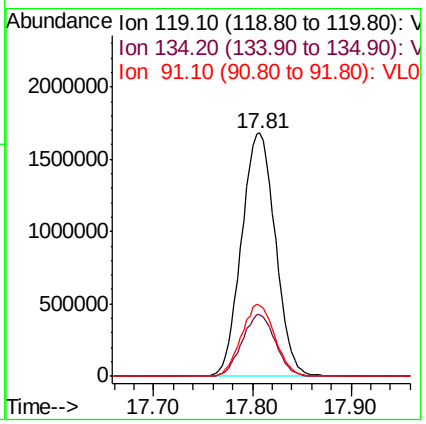


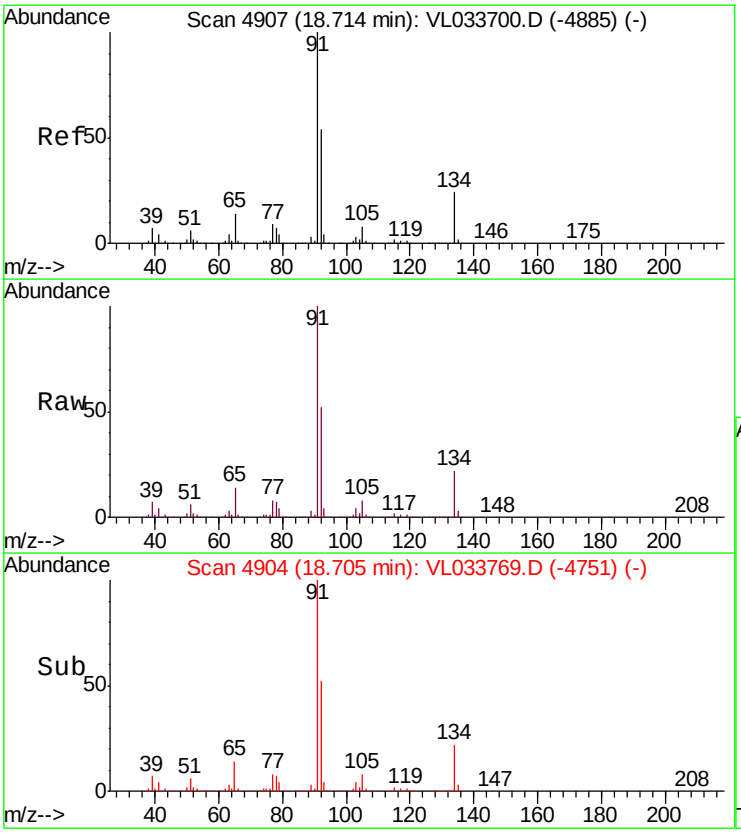
#69
p-Isopropyltoluene
Concen: 10.293 ppbv
RT: 17.81 min Scan# 4625
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:119 Resp: 3984052

Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.3	30.5
91	29.4	23.1	34.7

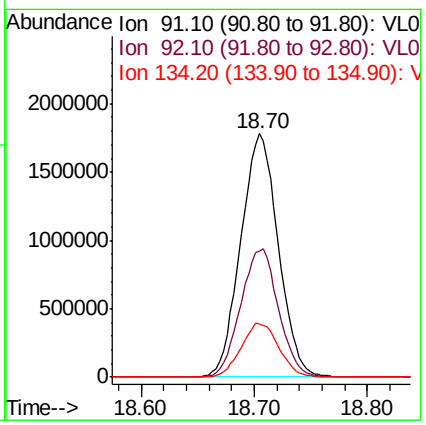


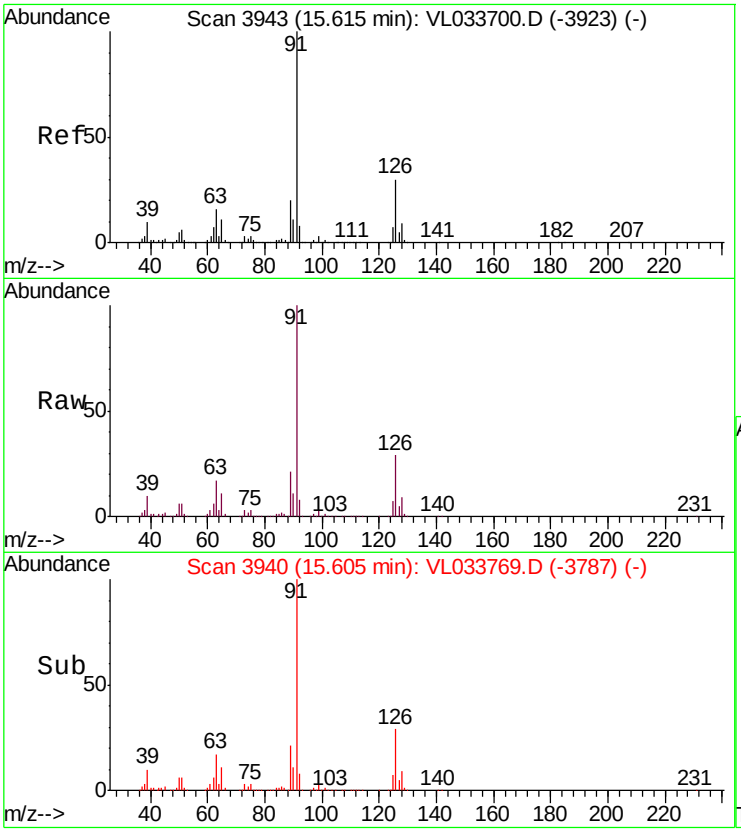


#70
n-Butylbenzene
Concen: 9.889 ppbv
RT: 18.70 min Scan# 4904
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion: 91 Resp: 4104946

Ion	Ratio	Lower	Upper
91	100		
92	53.1	42.6	63.8
134	22.3	18.1	27.1



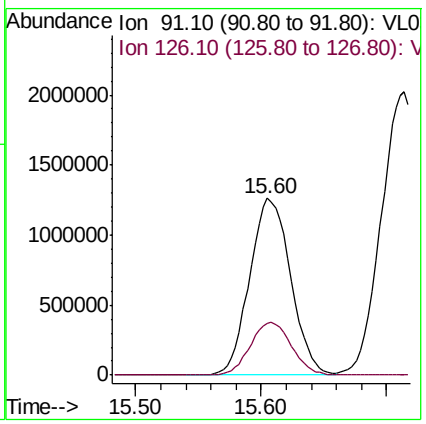


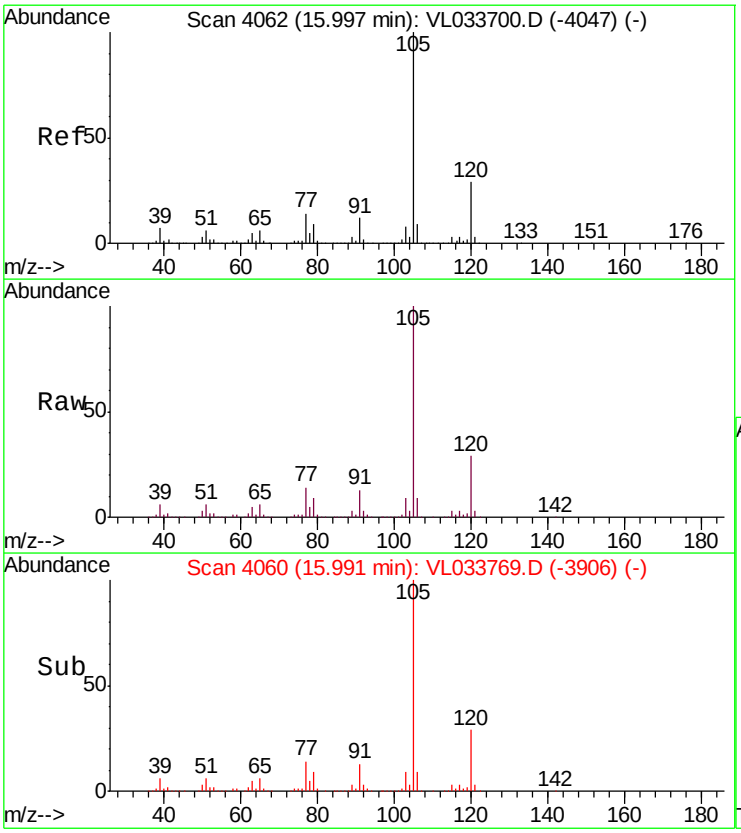
#71
2-Chlorotoluene
Concen: 10.581 ppbv
RT: 15.60 min Scan# 3940
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2876777

Ion	Ratio	Lower	Upper
91	100		
126	29.9	12.0	47.8

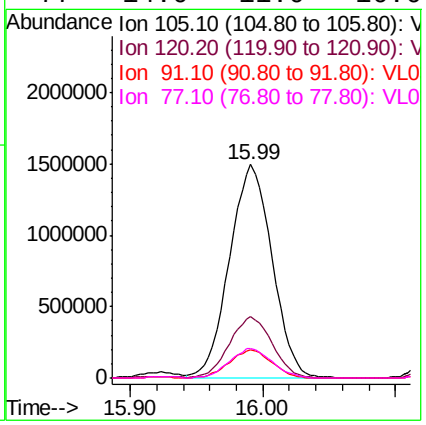


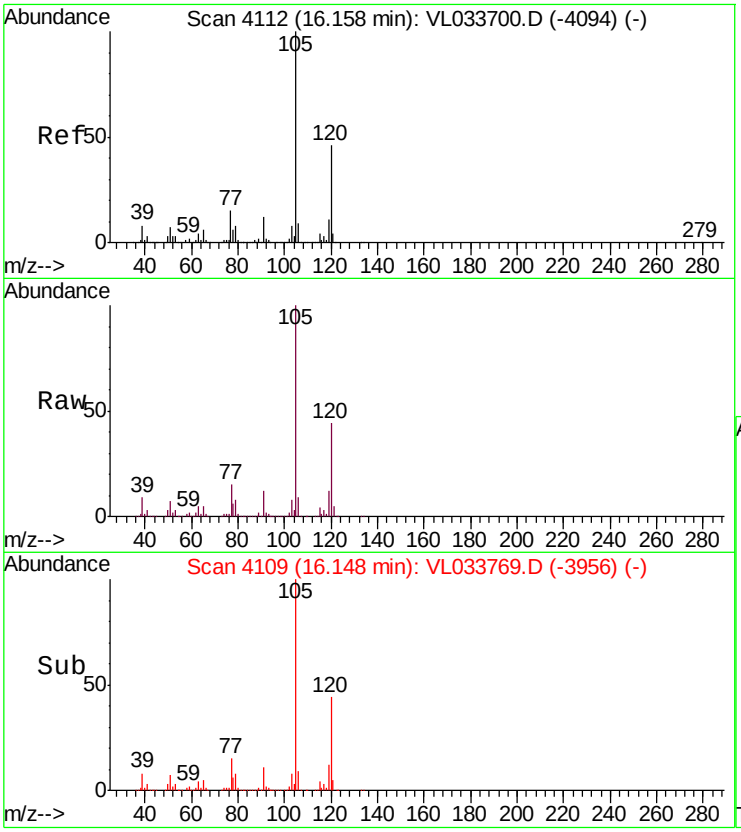


#72
4-Ethyltoluene
Concen: 10.673 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:105 Resp: 3320633

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.1	34.7
91	13.2	10.4	15.6
77	14.0	11.0	16.6



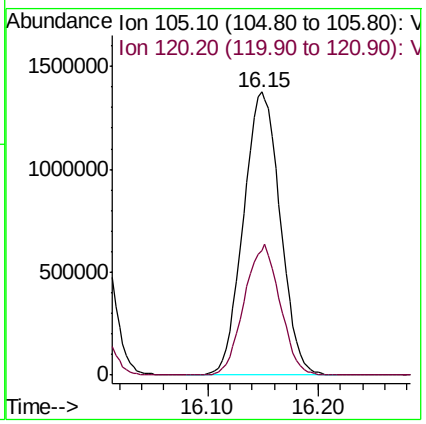


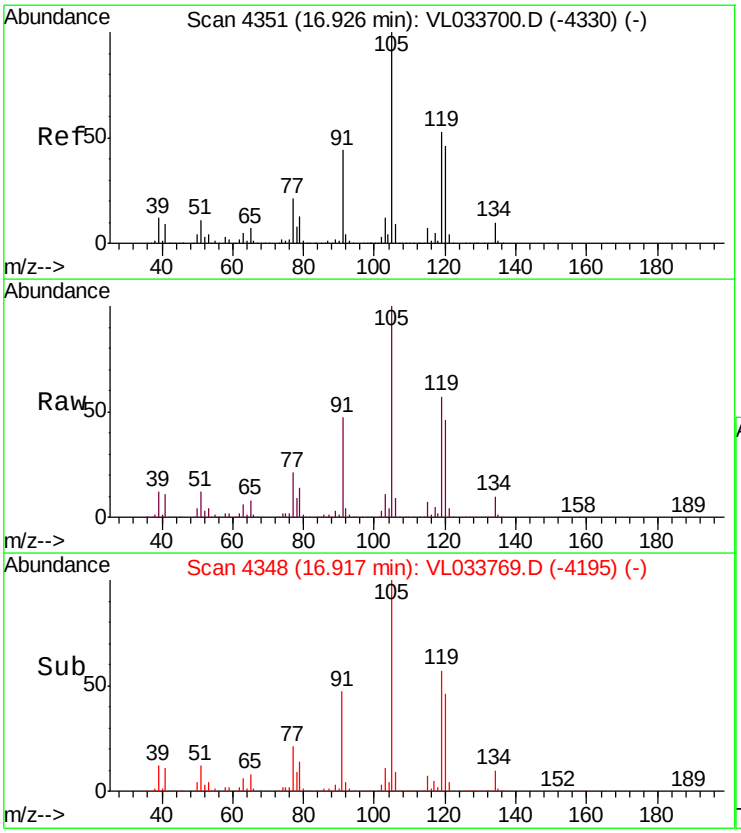
#73
1,3,5-Trimethylbenzene
Concen: 10.470 ppbv
RT: 16.15 min Scan# 4109
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3178390

Ion	Ratio	Lower	Upper
105	100		
120	44.1	37.0	55.4

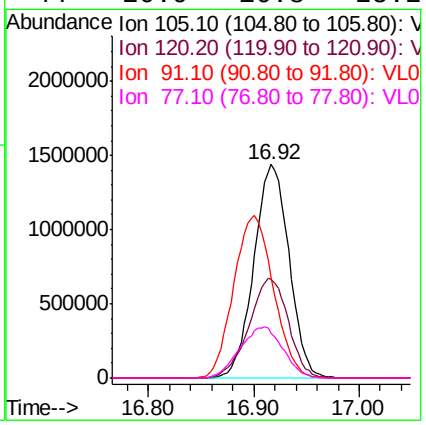


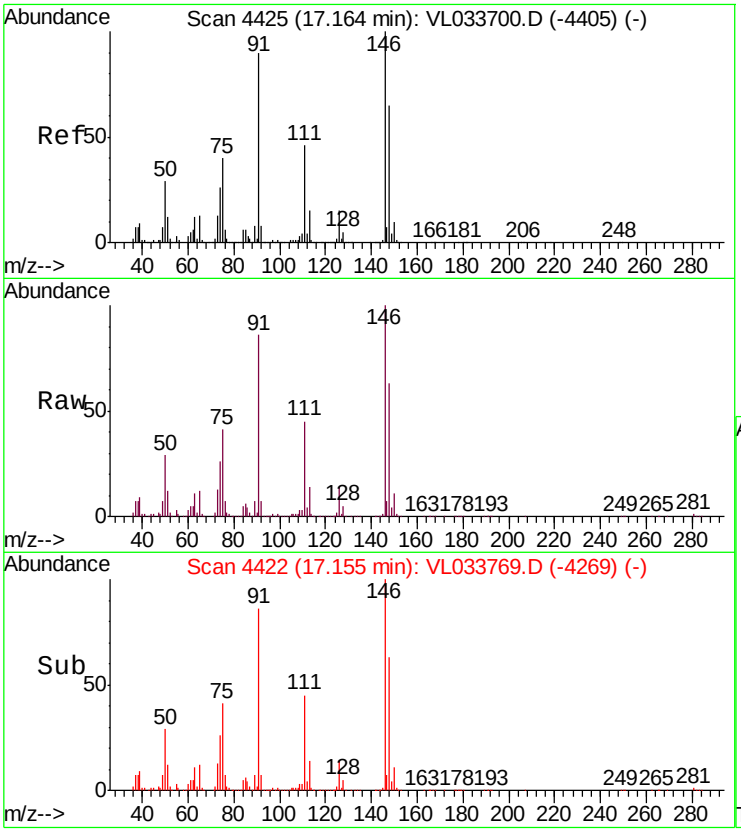


#74
1,2,4-Trimethylbenzene
Concen: 10.101 ppbv
RT: 16.92 min Scan# 4348
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:105 Resp: 3337283

Ion	Ratio	Lower	Upper
105	100		
120	46.1	36.8	55.2
91	47.4	35.4	53.0
77	20.9	16.8	25.2



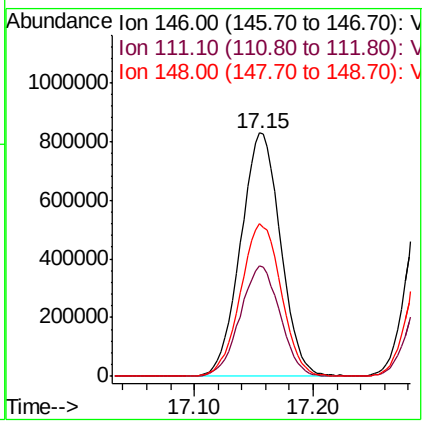


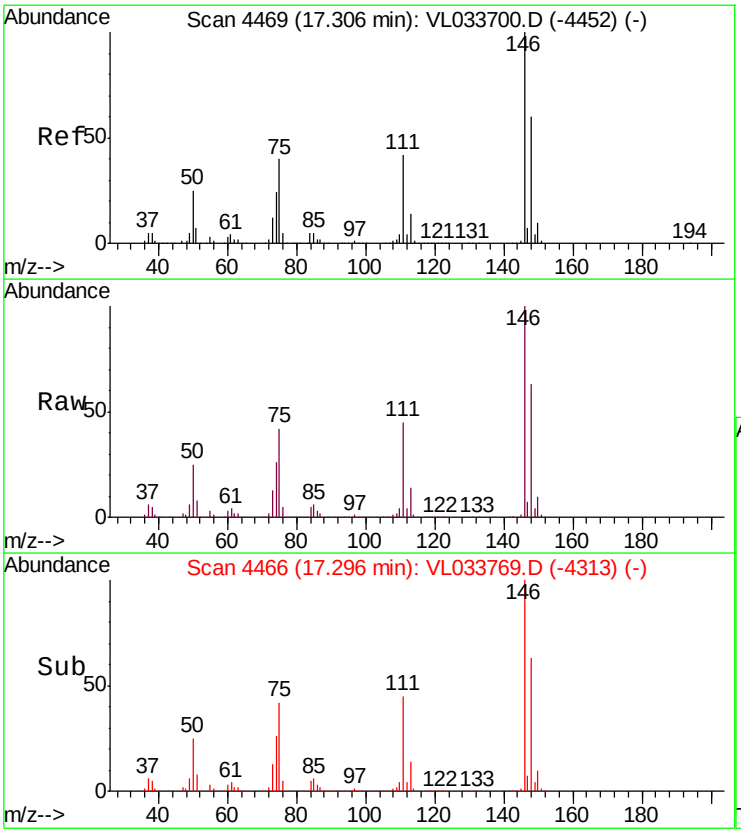
#75
1,3-Dichlorobenzene
Concen: 9.495 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:146 Resp: 1922302

Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.9	68.8
148	63.9	32.0	96.2

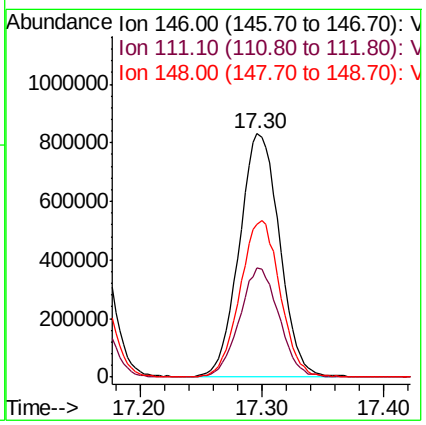


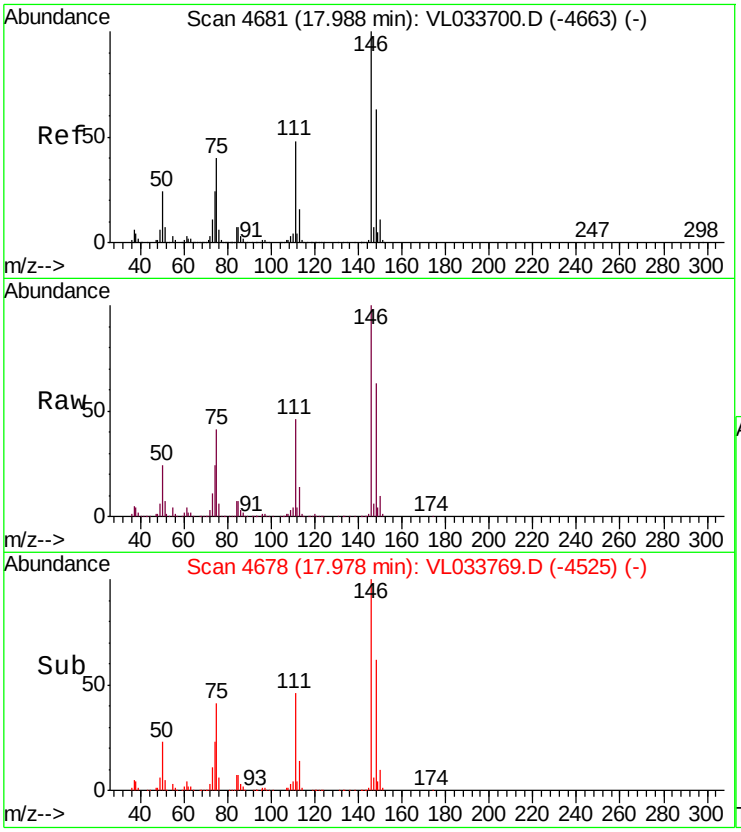


#76
1,4-Dichlorobenzene
Concen: 9.784 ppbv
RT: 17.30 min Scan# 4466
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:146 Resp: 1882628

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.8
148	64.5	32.1	96.3



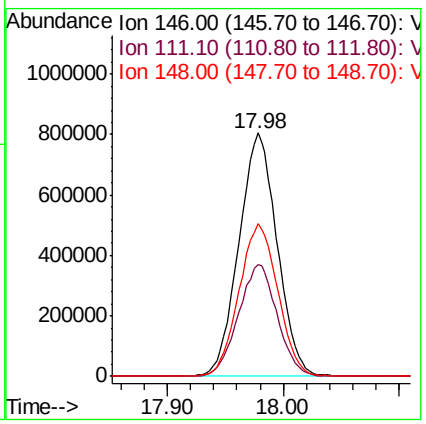


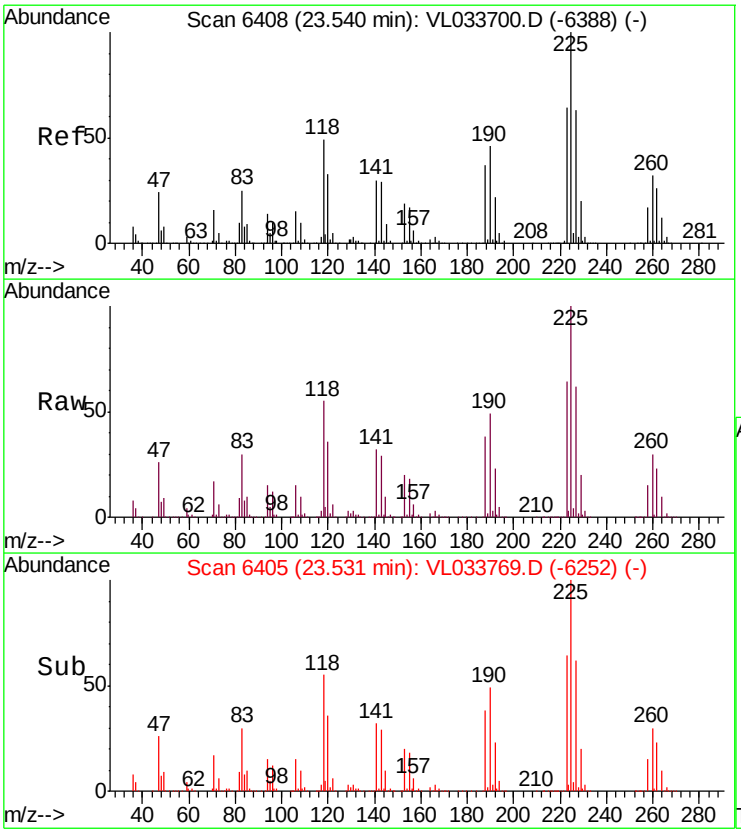
#77
1,2-Dichlorobenzene
Concen: 9.715 ppbv
RT: 17.98 min Scan# 4678
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:146 Resp: 1848194

Ion	Ratio	Lower	Upper
146	100		
111	46.6	23.5	70.5
148	63.8	32.1	96.3

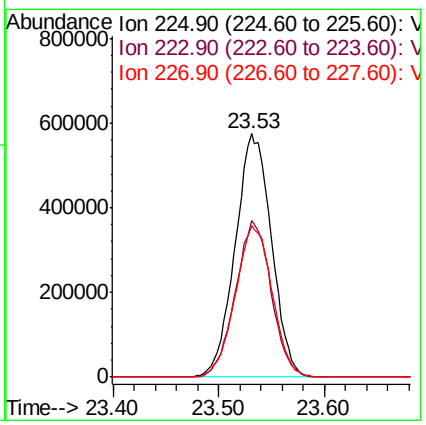


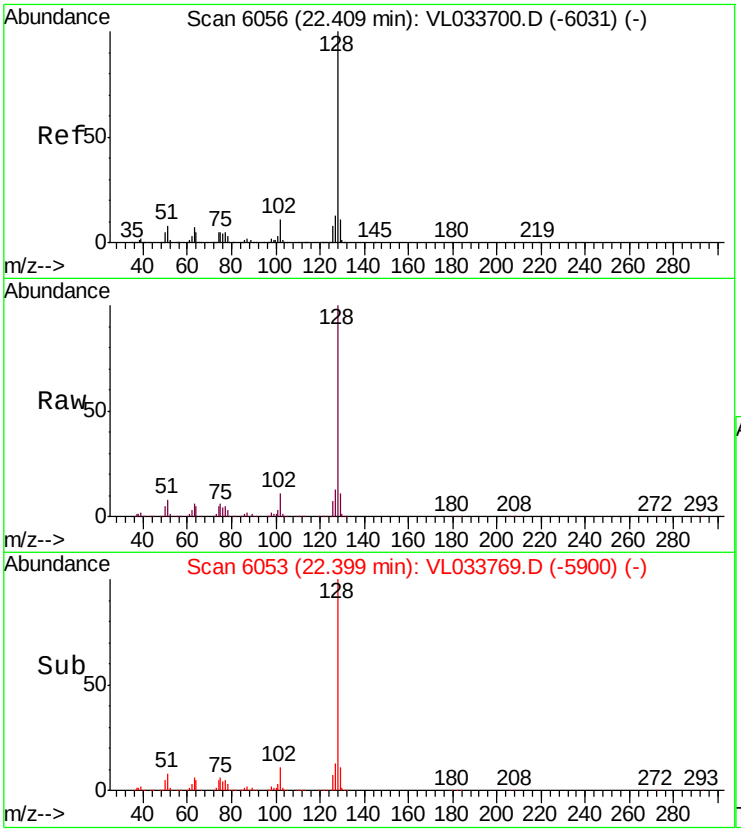


#78
Hexachloro-1,3-Butadiene
Concen: 9.564 ppbv
RT: 23.53 min Scan# 6405
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:225 Resp: 1375554

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.4
227	63.1	50.7	76.1



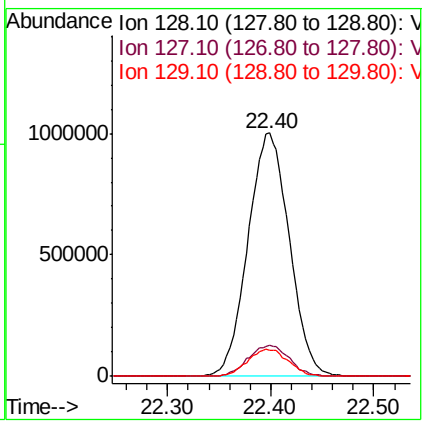


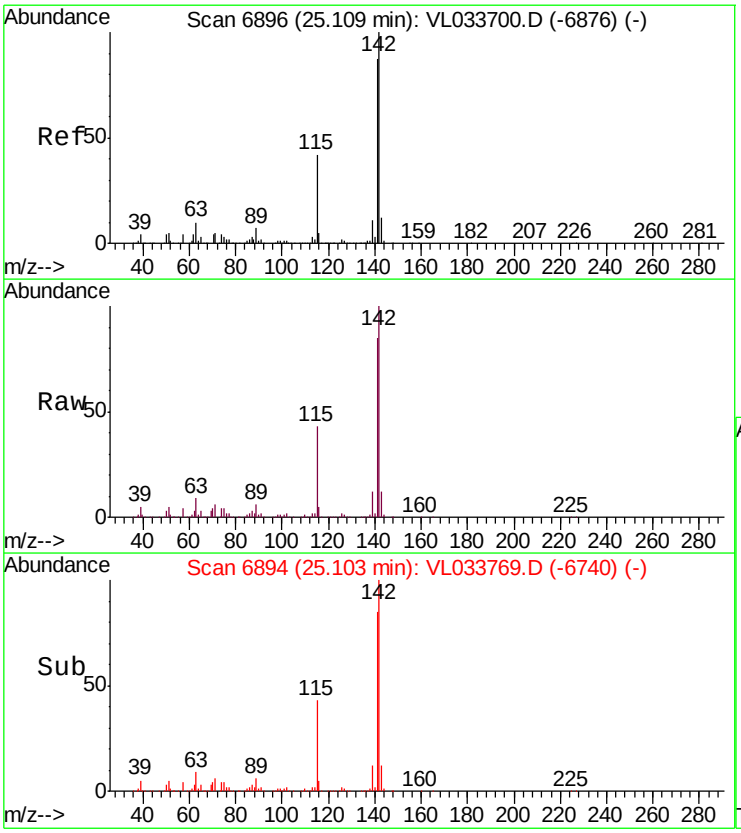
#79
Naphthalene
Concen: 9.074 ppbv
RT: 22.40 min Scan# 6053
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2784591

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.9	8.9	13.3

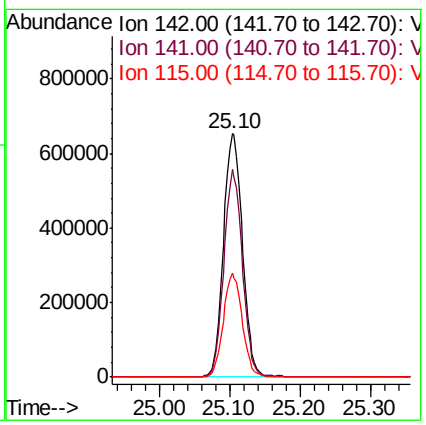


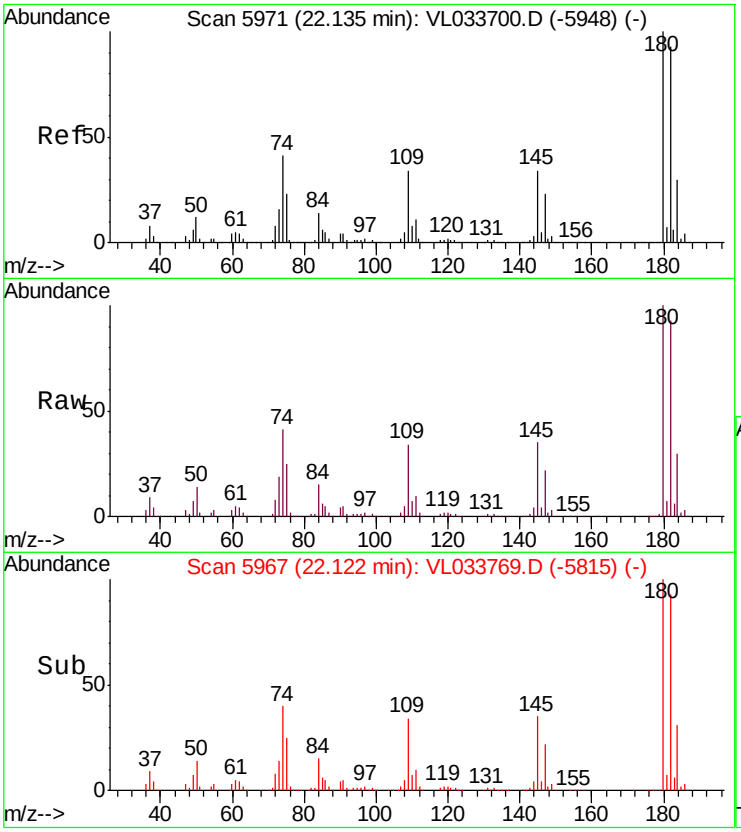


#80
Naphthalene,2-methyl-
Concen: 10.615 ppbv
RT: 25.10 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Tgt Ion:142 Resp: 1237710

Ion	Ratio	Lower	Upper
142	100		
141	83.0	67.2	100.8
115	42.2	34.1	51.1





#81
1,2,4-Trichlorobenzene
Concen: 8.731 ppbv
RT: 22.12 min Scan# 5967
Delta R.T. -0.01 min
Lab File: VL033769.D
Acq: 23 May 2019 10:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1568916

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.1	114.1
184	30.9	24.6	37.0