Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052019\

Quantitation Report (Not Reviewed)

Data File : VL033721.D
Acq On : 20 May 2019 11:21
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 21 01:30:28 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	942024	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2397094	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2987153	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1980032	8.18	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	1383006	6.966	ppbv	99
3) Chlorodifluoromethane	3.01	51	1196525	11.089	ppbv	100
4) Chloromethane	3.17	50	641569	10.395	ppbv	99
5) Vinyl Chloride	3.29	62	642334	10.217	ppbv	99
6) Bromomethane	3.51	94	391646	10.210	ppbv	99
7) Chloroethane	3.60	64	225724	10.103	ppbv	96
8) Dichlorotetrafluoroethane	3.22	85	1613638	10.082	ppbv	100
9) Propene	3.03	41	515633	11.235	ppbv	99
10) Heptane	8.25	43	1203084	9.257	ppbv	100
11) Trichlorofluoromethane	4.00	101	1777700	9.382	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1168857	8.834	ppbv	100
13) Ethanol	3.65	45	132343	8.921	ppbv	98
14) Bromoethene	3.79	108	508495	10.454	ppbv	98
15) Acetone	3.90	43	1160134	8.876	ppbv	100
16) 1,3-Butadiene	3.36	39	541085	10.396	ppbv	99
17) tert-Butyl alcohol	4.35	59	1113463	10.535	ppbv	100
18) 1,1-Dichloroethene	4.35	96	540999	9.687	ppbv	100
19) Isopropyl Alcohol	4.02	45	817433	9.700	ppbv	100
20) Methylene Chloride	4.41	84	461566	9.172	ppbv	98
21) Allyl Chloride	4.47	41	774548	9.501	ppbv	99
22) trans-1,2-Dichloroethene	4.96	96	530793	9.272	ppbv	88
23) Vinyl Acetate	5.15	43	1755843	10.189	ppbv	98
24) 1,1-Dichloroethane	5.09	63	1200766	9.166	ppbv	99
25) Ethyl Acetate	5.77	43	2035257	8.864	ppbv	99
26) Hexane	5.78	57	895085	9.068	ppbv	99
27) Carbon Disulfide	4.62	76	1303311	9.624	ppbv	99
28) Methyl tert-Butyl Ether	5.11	73	1620181	10.069	ppbv	100
29) Chloroform	5.85	83	1521751	8.370	ppbv	100
30) Cyclohexane	7.24	84	828226	9.981	ppbv	98
31) cis-1,2-Dichloroethene	5.64	61	948206	9.689	ppbv	96
32) 1,1,1-Trichloroethane	6.62	97	1558859	8.587	ppbv	99
34) 2-Butanone	5.33	43	1380947	9.294	ppbv	100
35) Carbon Tetrachloride	7.13	117	1732896	9.025	ppbv	100
36) Benzene	7.01	78	1977064	9.067	ppbv	99
37) 1,2-Dichloroethane	6.41	62	1149957	8.176	ppbv	99
38) Trichloroethene	7.96	130	799478	9.881	ppbv	97
39) 1,2-Dichloropropane	7.73	63	764307	9.402	ppbv	97
40) 1,4-Dioxane	7.95	88	289445	8.511	ppbv #	98
41) Tetrahydrofuran	6.15	42	760226	9.132	ppbv	99
42) Bromodichloromethane	7.92	83	1746320	9.069	ppbv	98
43) Methyl Methacrylate	8.14	69	796348	9.924	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052019\

Quantitation Report (Not Reviewed)

Data File : VL033721.D
Acq On : 20 May 2019 11:21
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 21 01:30:28 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	7.99	57	3250311	8.820	ppbv		100
45) t-1,3-Dichloropropene	9.42	75	1113226	10.943	ppbv		100
46) cis-1,3-Dichloropropene	8.84	75	1222585	10.263	ppbv		98
47) 1,1,2-Trichloroethane	9.61	97	826431	8.948	ppbv		98
48) Dibromochloromethane	10.45	129	1508441	9.426	ppbv		100
49) Bromoform	13.20	173	1353730	10.054	ppbv		99
50) 4-Methyl-2-Pentanone	8.87	43	2072087	9.067	ppbv		99
51) 2-Hexanone	10.27	43	1752072	9.823	ppbv		100
52) Tetrachloroethene	11.37	164	761883	9.940	ppbv		98
53) Toluene	9.95	91	2332469	9.917	ppbv		99
54) 1,2-Dibromoethane	10.76	107	1340109	9.508	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.28	131	1020966	7.386	ppbv		99
57) Chlorobenzene	12.30	112	1794070	7.296	ppbv		97
58) Ethyl Benzene	12.87	91	3248279	8.212	ppbv		99
59) m/p-Xylene	13.15	91	2189612	6.332	ppbv	#	1
60) o-Xylene	13.85	91	2675763	7.676	ppbv		99
61) Styrene	13.69	104	2062859	8.790	ppbv		99
62) Isopropylbenzene	14.82	105	3666174	7.810	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.84	83	1826374	7.205	ppbv		100
64) n-propylbenzene	15.72	120	1057470	8.709	ppbv		100
65) tert-Butylbenzene	16.91	119	3690097	8.610	ppbv		100
66) Benzyl Chloride	17.15	91	2189758	10.727	ppbv		100
67) sec-Butylbenzene	17.46	105	5189840	8.651	ppbv		100
69) p-Isopropyltoluene	17.81	119	4342807	8.759	ppbv		100
70) n-Butylbenzene	18.71	91	4517179	8.495	ppbv		100
71) 2-Chlorotoluene	15.62	91	2788973	8.008	ppbv		100
72) 4-Ethyltoluene	16.00	105	3553294	8.915	ppbv		100
73) 1,3,5-Trimethylbenzene	16.16	105	3350999	8.617	ppbv		98
74) 1,2,4-Trimethylbenzene	16.93	105	3518304	8.313	ppbv		99
75) 1,3-Dichlorobenzene	17.16	146	2071726	7.989	ppbv		100
76) 1,4-Dichlorobenzene	17.31	146	2067467	8.388	ppbv		99
77) 1,2-Dichlorobenzene	17.99	146	1989983	8.166	ppbv		99
78) Hexachloro-1,3-Butadiene	23.54	225	1511742	8.205	ppbv		99
79) Naphthalene	22.41	128	3164599	8.051	ppbv		99
80) Naphthalene,2-methyl-	25.11	142	1274271	8.531	ppbv		99
81) 1,2,4-Trichlorobenzene	22.13	180	1731585	7.523	ppbv		99

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

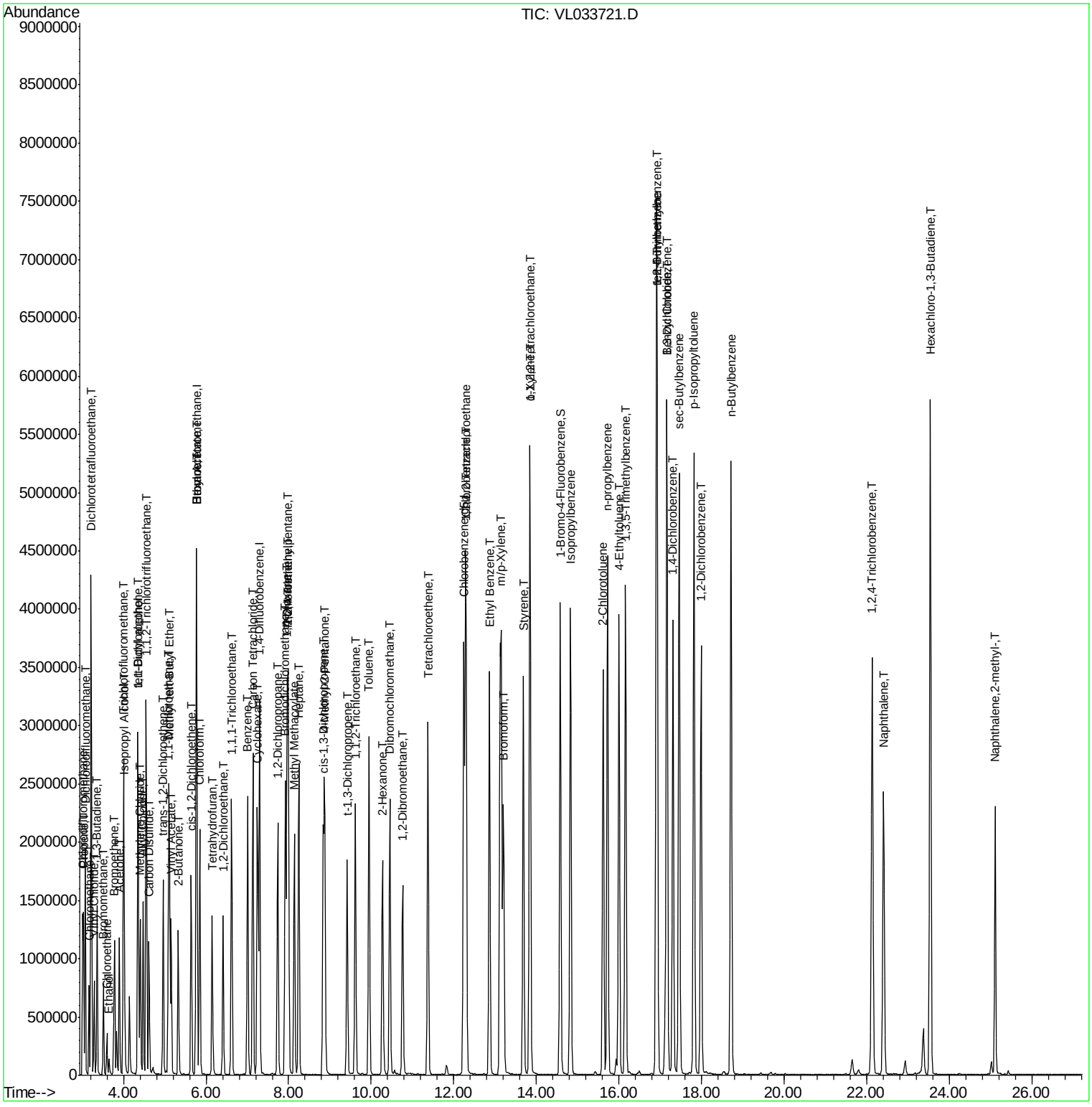
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052019\

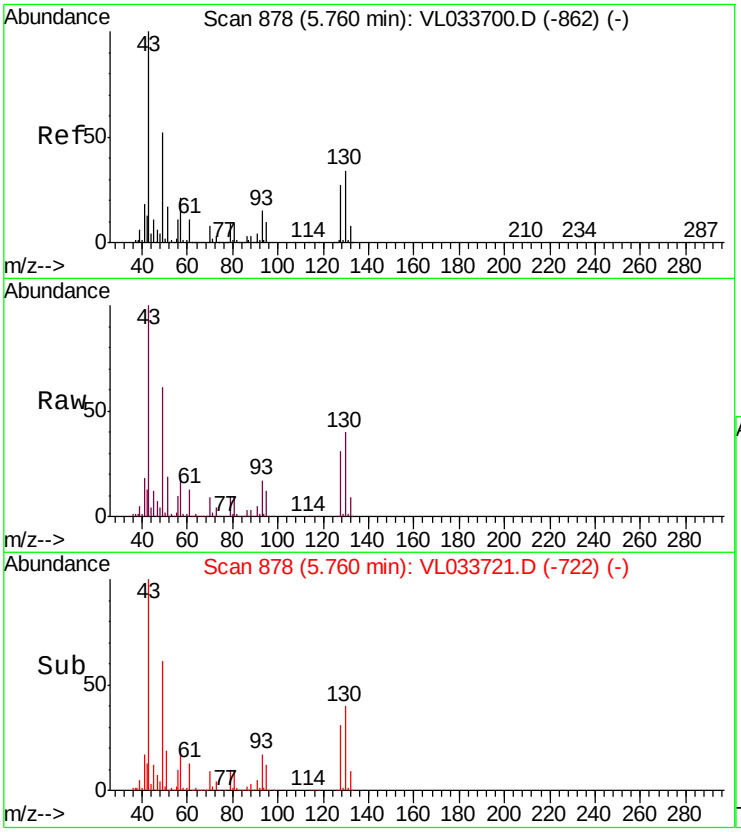
Quantitation Report (Not Reviewed)

Data File : VL033721.D
Acq On : 20 May 2019 11:21
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 21 01:30:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



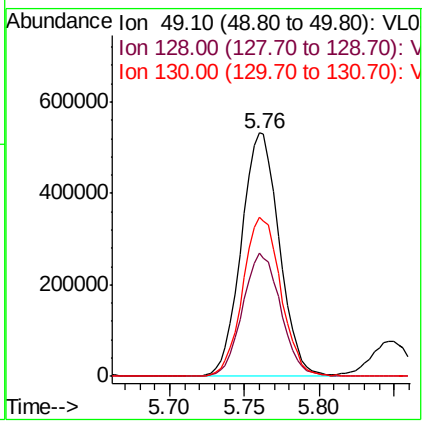


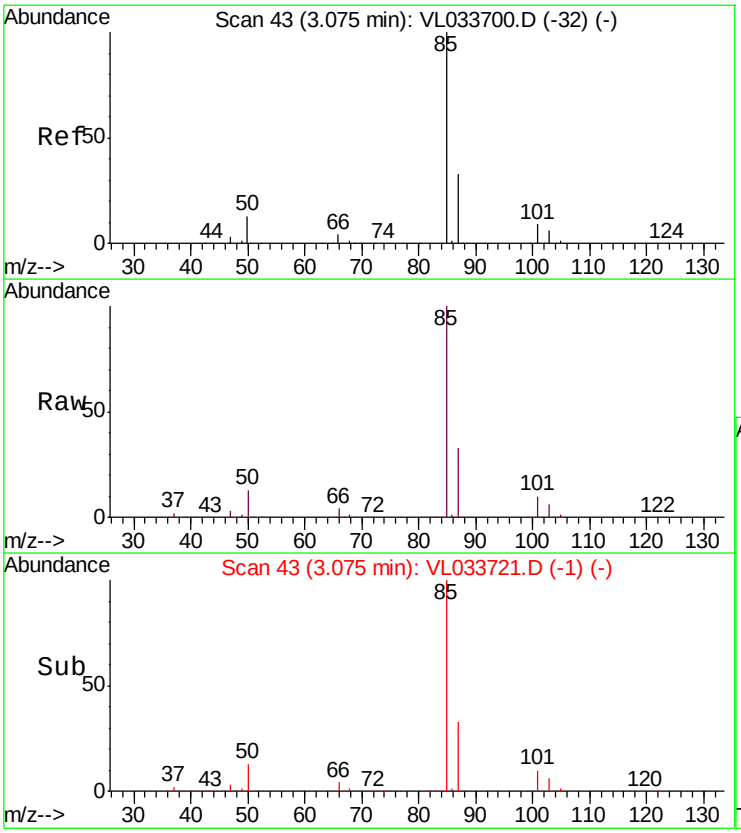
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 942024

Ion	Ratio	Lower	Upper
49	100		
128	50.9	25.2	75.6
130	65.6	32.5	97.5

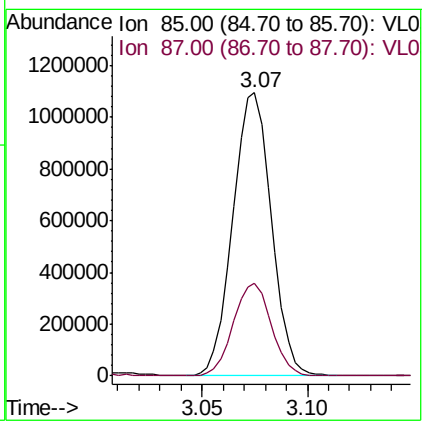


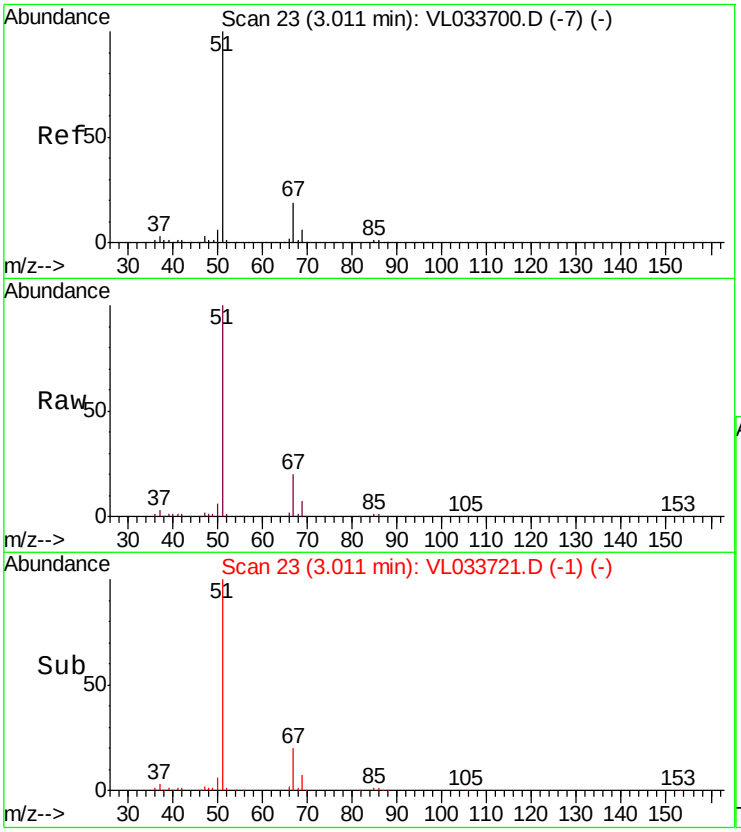


#2
Dichlorodifluoromethane
Concen: 6.966 ppbv
RT: 3.07 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 85 Resp: 1383006

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.3	39.5



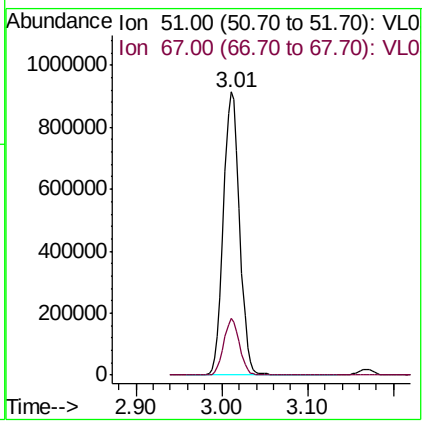


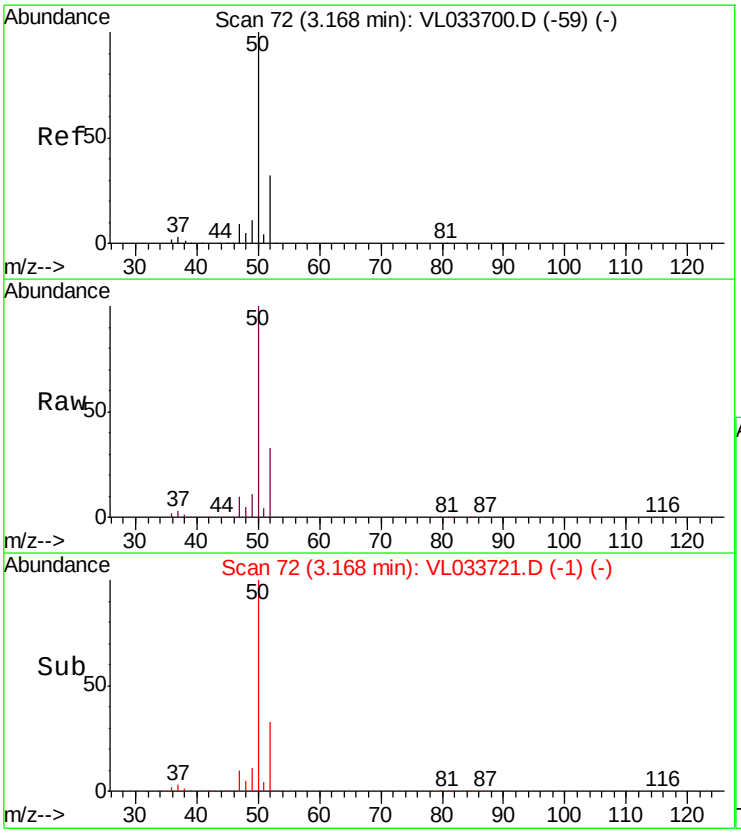
#3
Chlorodifluoromethane
Concen: 11.089 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1196525

Ion	Ratio	Lower	Upper
51	100		
67	19.5	15.6	23.4

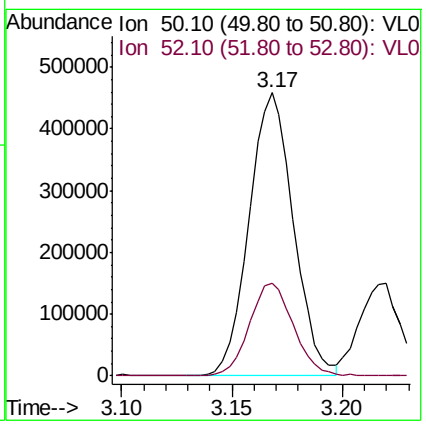


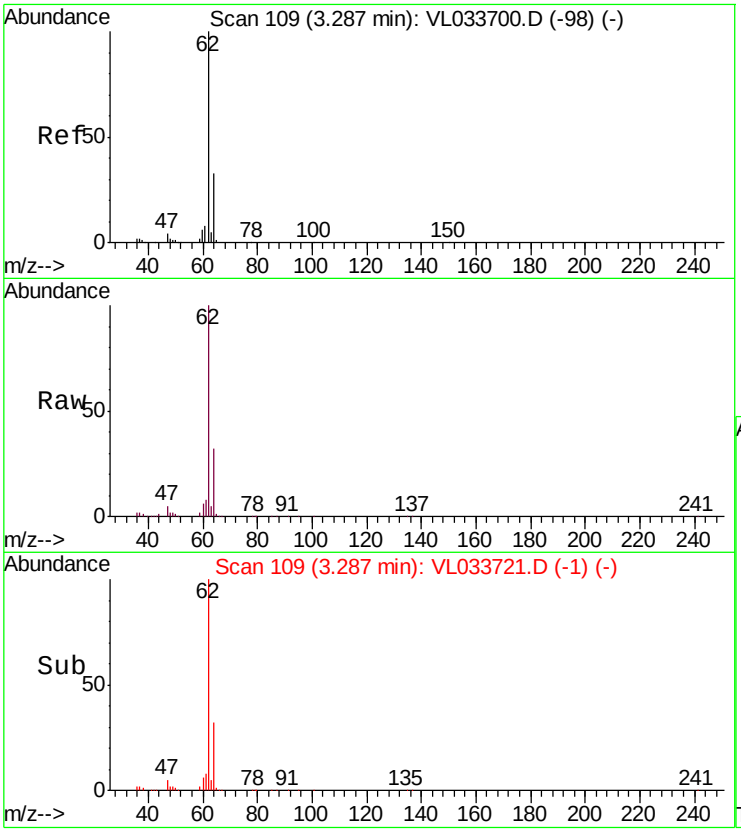


#4
Chloromethane
Concen: 10.395 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 50 Resp: 641569

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.7	38.5



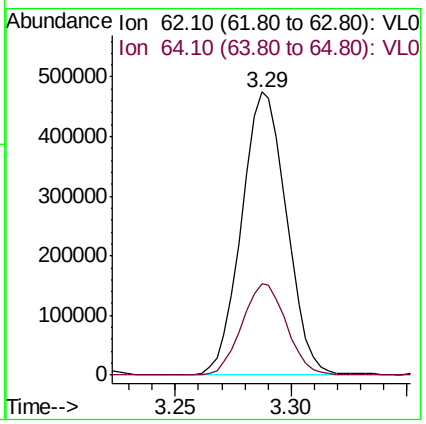


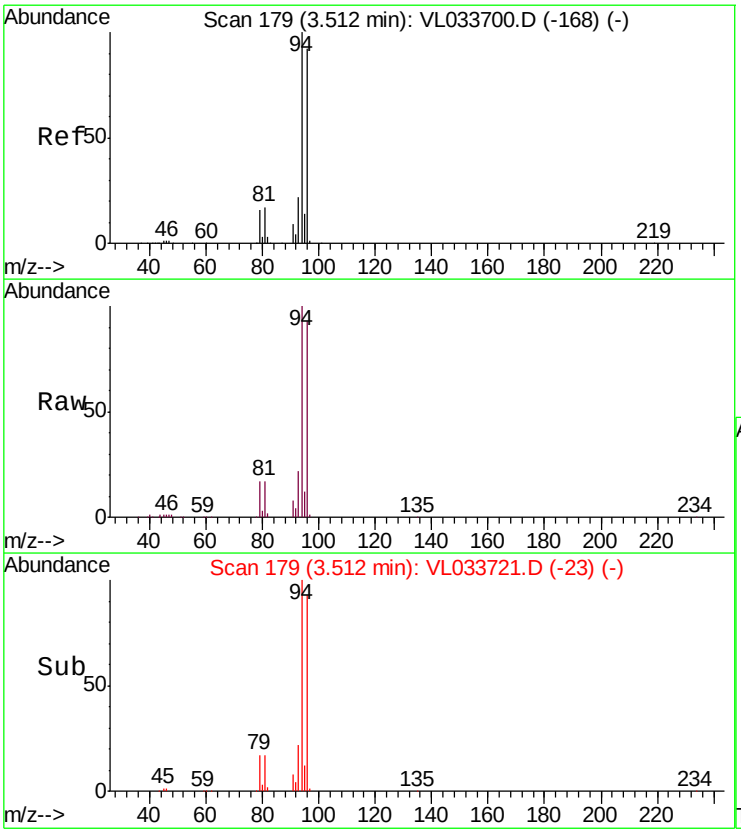
#5
Vinyl Chloride
Concen: 10.217 ppbv
RT: 3.29 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 642334

Ion	Ratio	Lower	Upper
62	100		
64	32.2	26.4	39.6

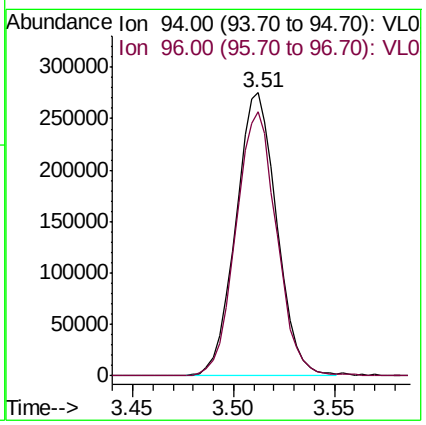


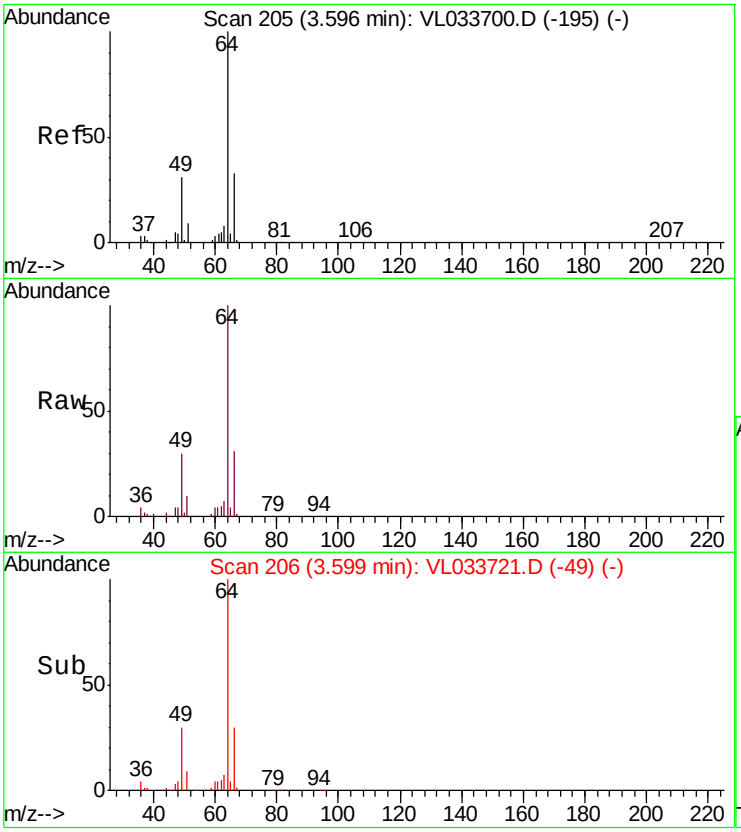


#6
Bromomethane
Concen: 10.210 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 94 Resp: 391646

Ion	Ratio	Lower	Upper
94	100		
96	93.3	73.6	110.4



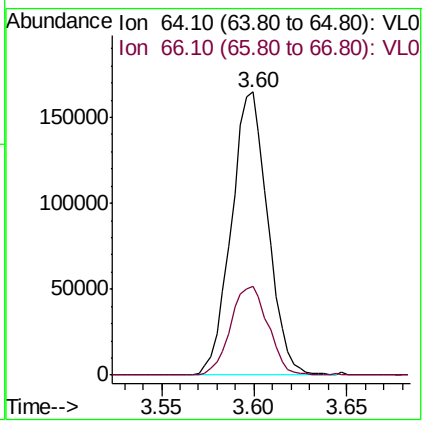


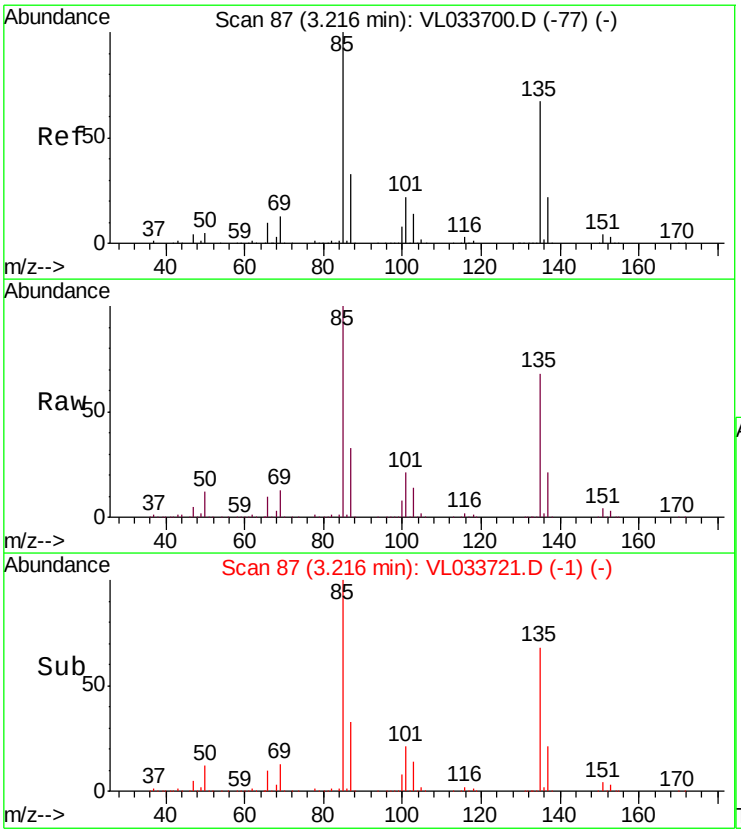
#7
Chloroethane
Concen: 10.103 ppbv
RT: 3.60 min Scan# 206
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 225724

Ion	Ratio	Lower	Upper
64	100		
66	31.3	26.6	40.0

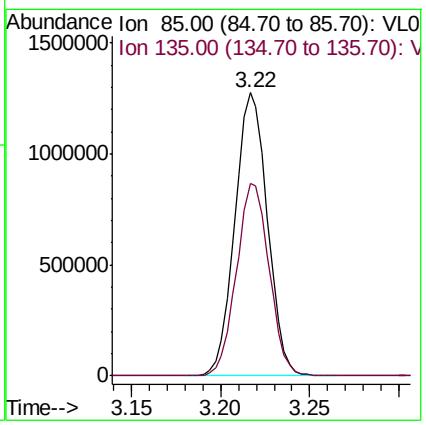


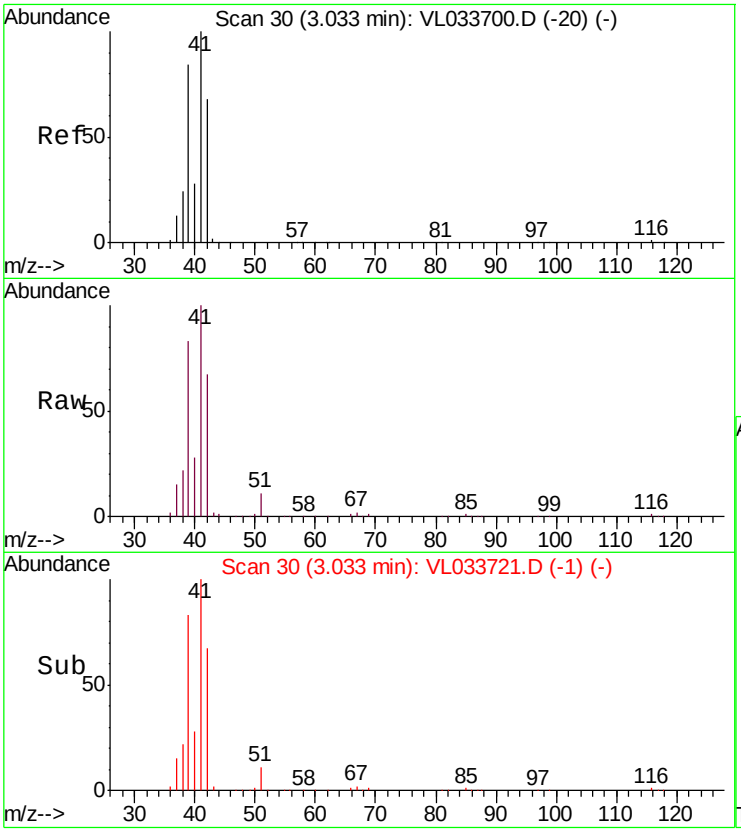


#8
Dichlorotetrafluoroethane
Concen: 10.082 ppbv
RT: 3.22 min Scan# 87
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 85 Resp: 1613638

Ion	Ratio	Lower	Upper
85	100		
135	68.5	54.5	81.7



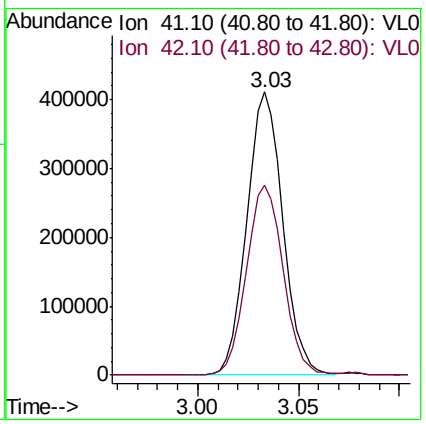


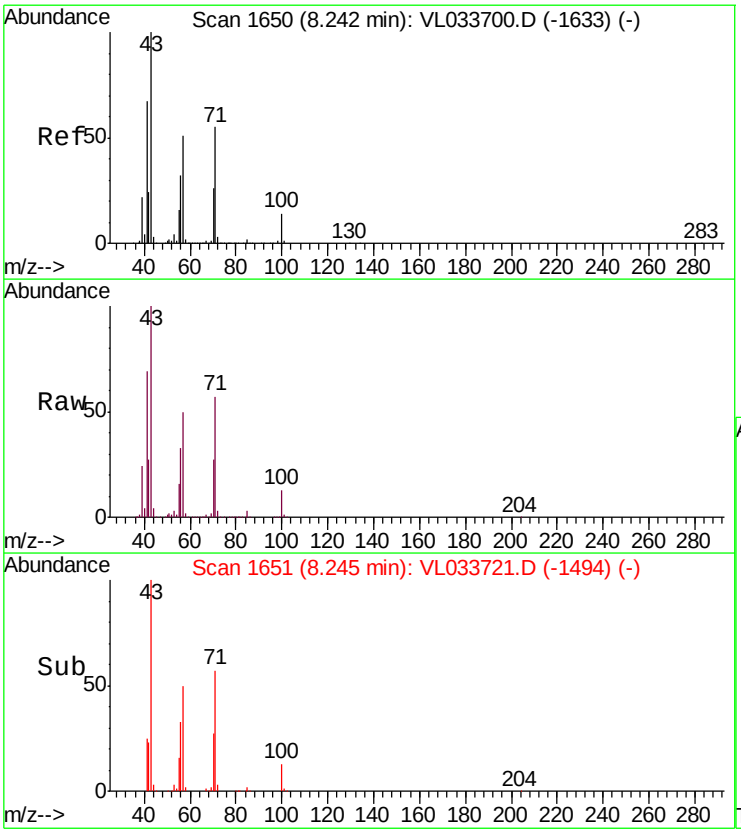
#9
Propene
Concen: 11.235 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 515633

Ion	Ratio	Lower	Upper
41	100		
42	69.4	56.1	84.1

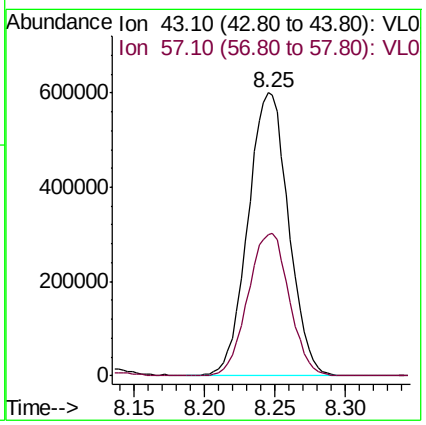


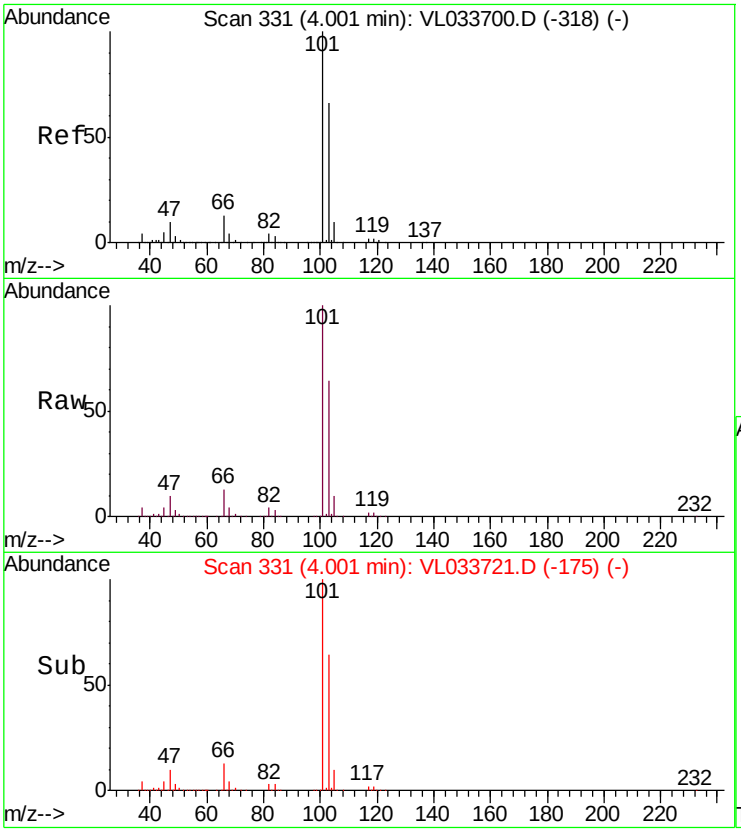


#10
Heptane
Concen: 9.257 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 43 Resp: 1203084

Ion	Ratio	Lower	Upper
43	100		
57	51.6	41.4	62.0



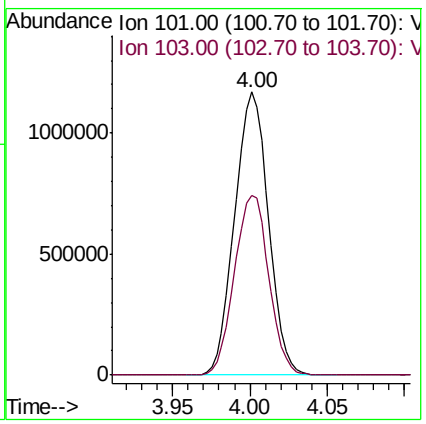


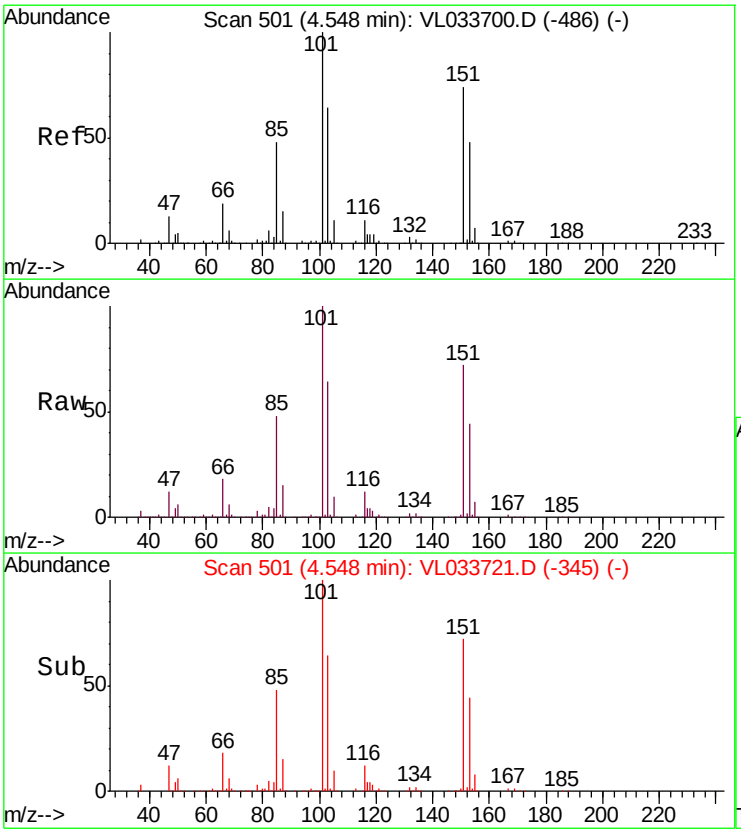
#11
Trichlorofluoromethane
Concen: 9.382 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1777700

Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.6	78.8

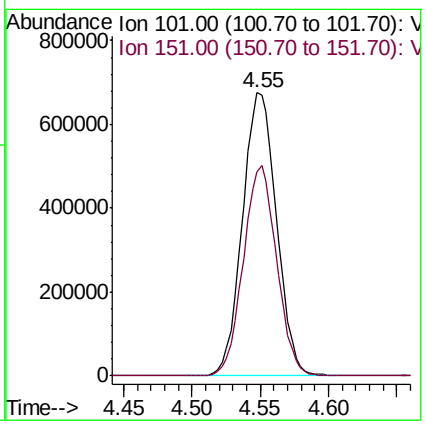


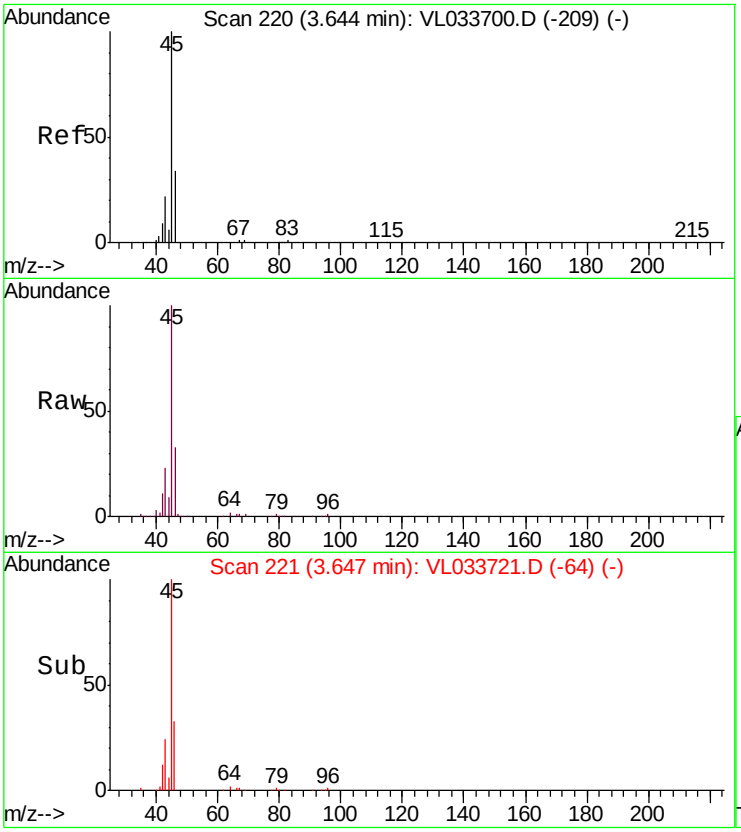


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.834 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:101 Resp: 1168857

Ion	Ratio	Lower	Upper
101	100		
151	73.1	58.2	87.4



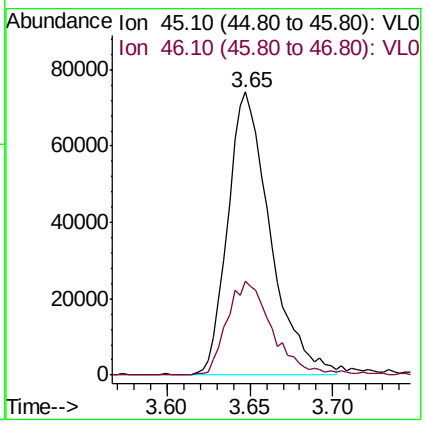


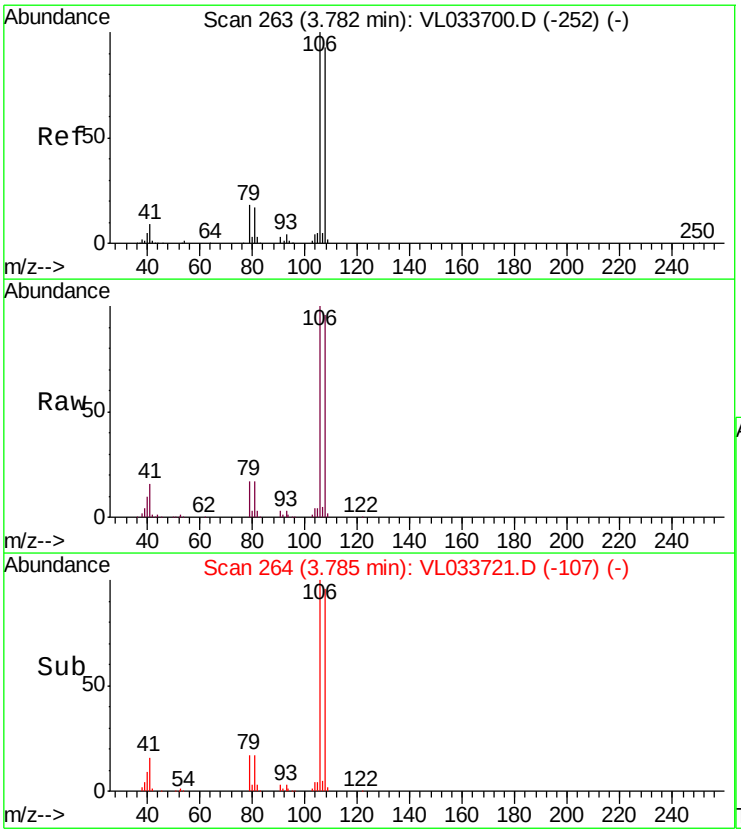
#13
Ethanol
Concen: 8.921 ppbv
RT: 3.65 min Scan# 221
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 132343

Ion	Ratio	Lower	Upper
45	100		
46	35.9	14.8	59.0

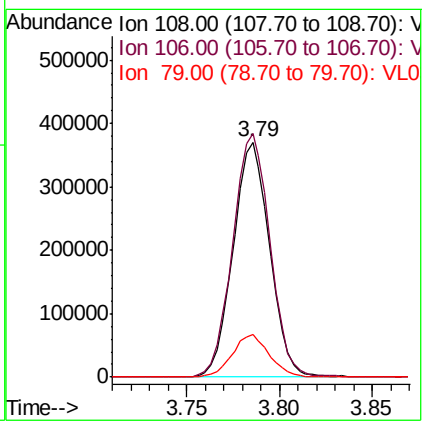


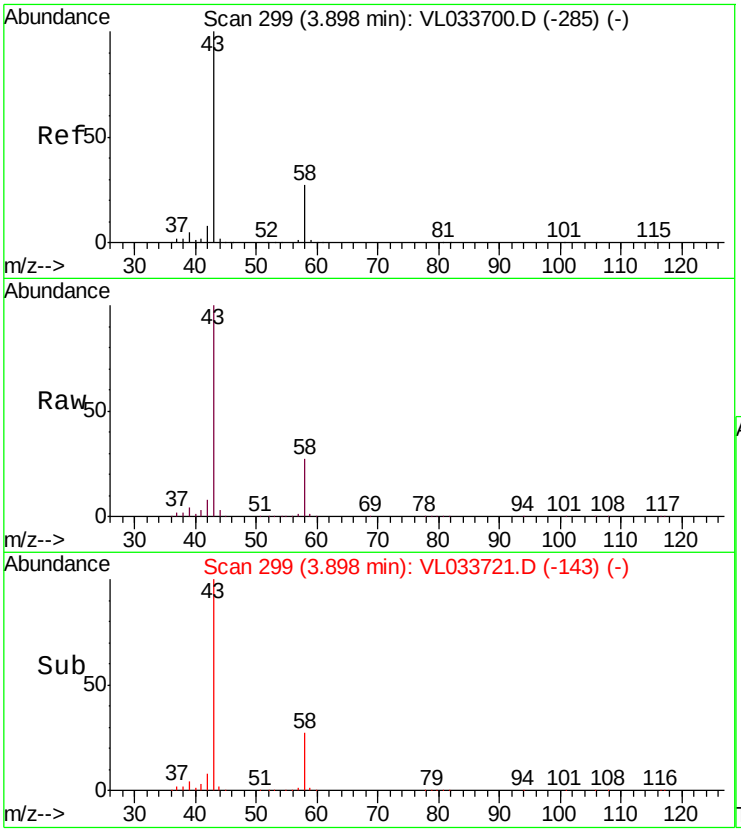


#14
Bromoethene
Concen: 10.454 ppbv
RT: 3.79 min Scan# 264
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:108 Resp: 508495

Ion	Ratio	Lower	Upper
108	100		
106	106.0	86.5	129.7
79	18.7	15.1	22.7



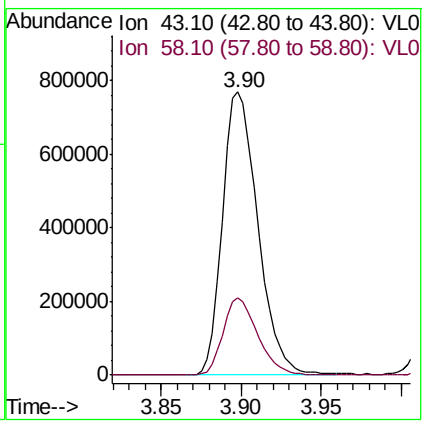


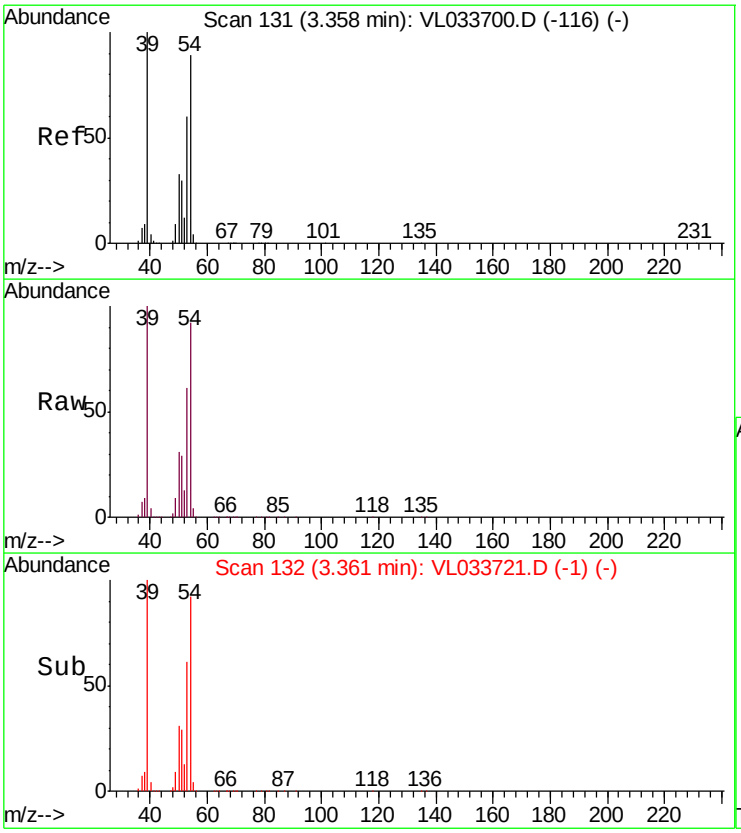
#15
Acetone
Concen: 8.876 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1160134

Ion	Ratio	Lower	Upper
43	100		
58	26.8	21.3	31.9

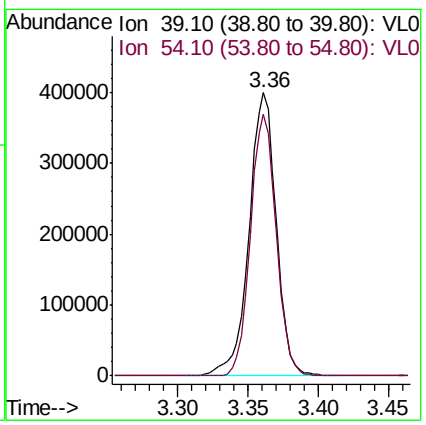


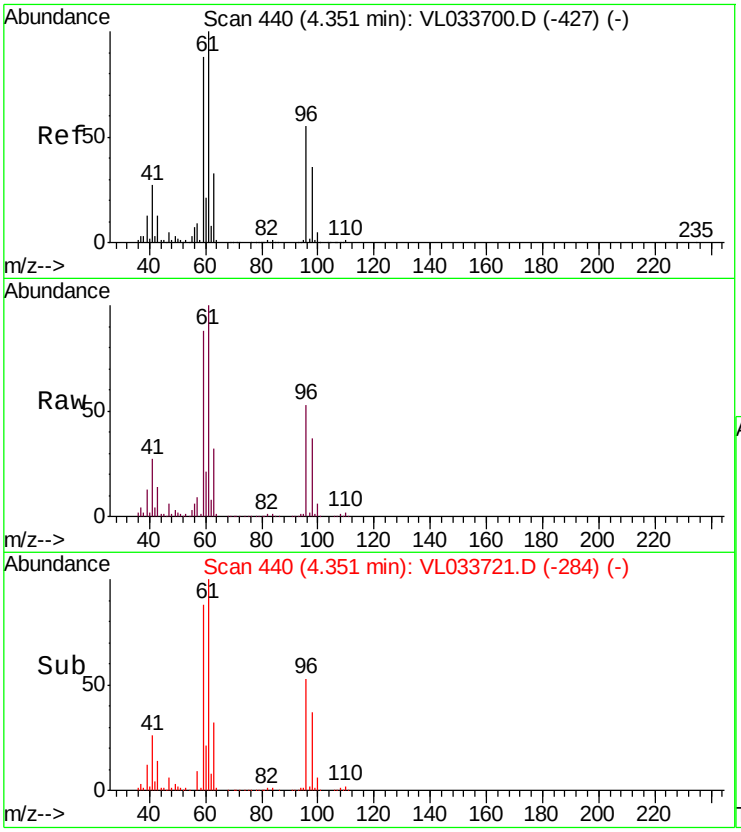


#16
1,3-Butadiene
Concen: 10.396 ppbv
RT: 3.36 min Scan# 132
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 39 Resp: 541085

Ion	Ratio	Lower	Upper
39	100		
54	87.6	69.0	103.6



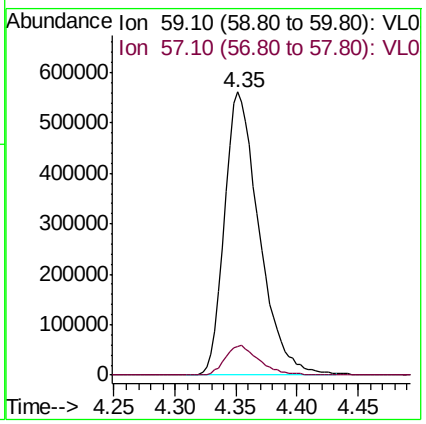


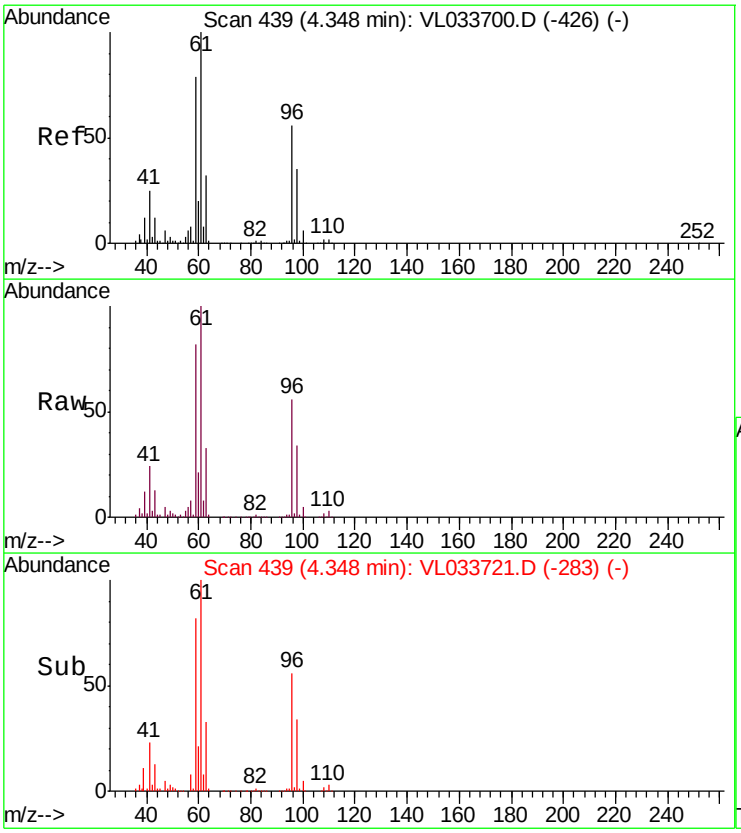
#17
tert-Butyl alcohol
Concen: 10.535 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1113463

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

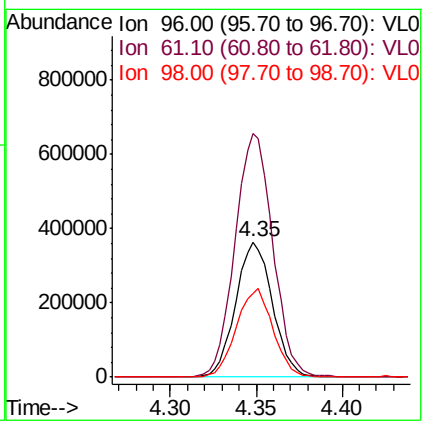


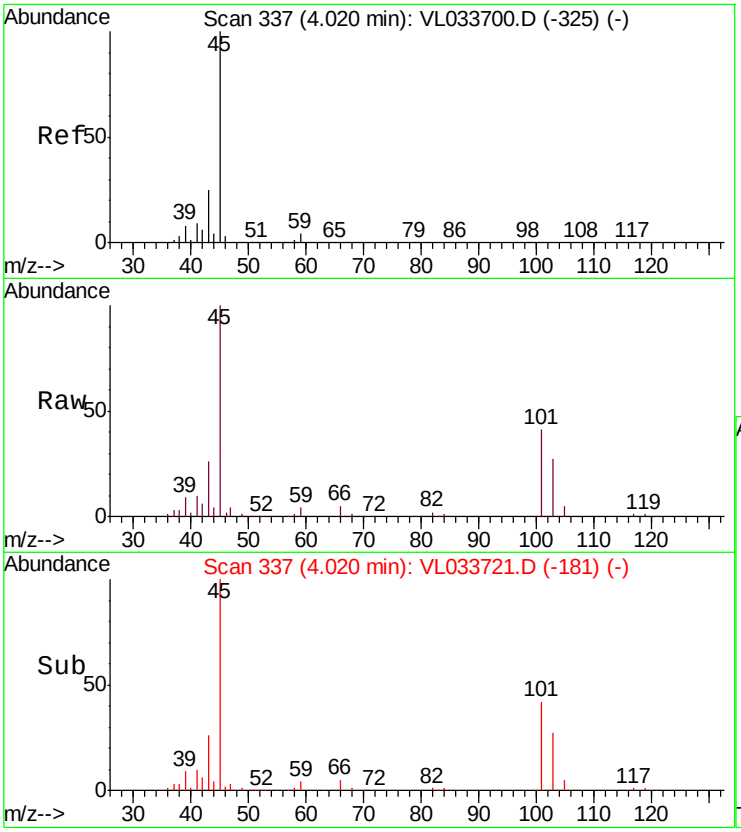


#18
1,1-Dichloroethene
Concen: 9.687 ppbv
RT: 4.35 min Scan# 439
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 96 Resp: 540999

Ion	Ratio	Lower	Upper
96	100		
61	179.8	143.1	214.7
98	61.8	49.5	74.3



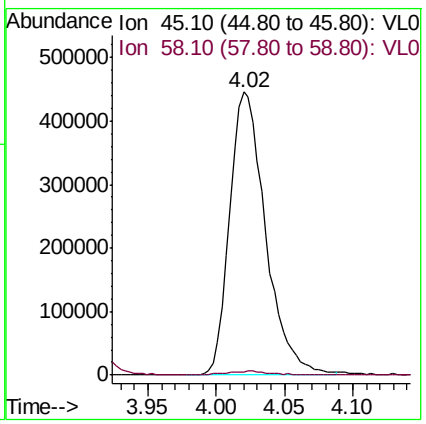


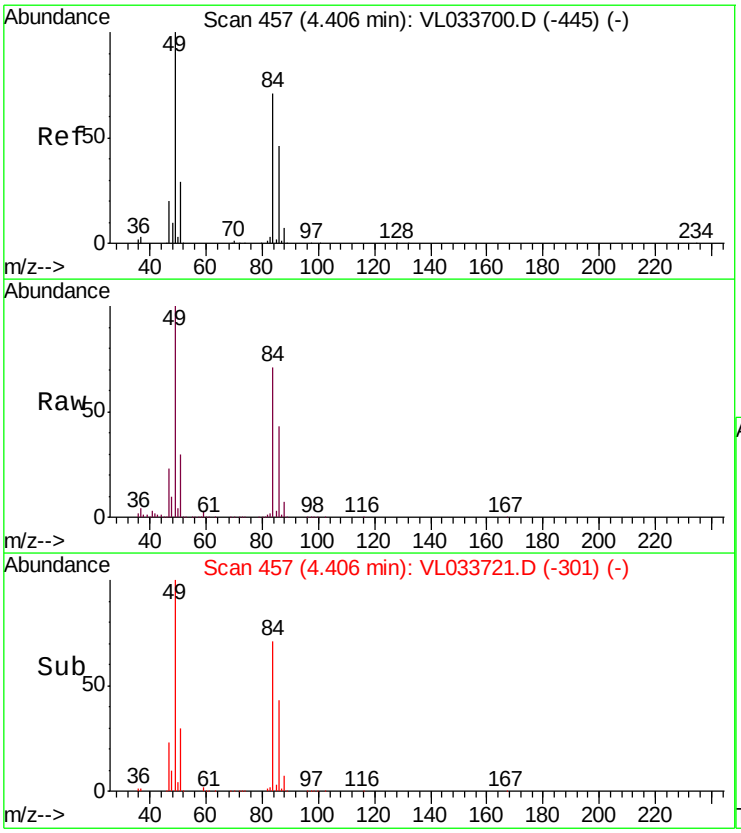
#19
Isopropyl Alcohol
Concen: 9.700 ppbv
RT: 4.02 min Scan# 337
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 817433

Ion	Ratio	Lower	Upper
45	100		
58	2.0	1.6	2.4

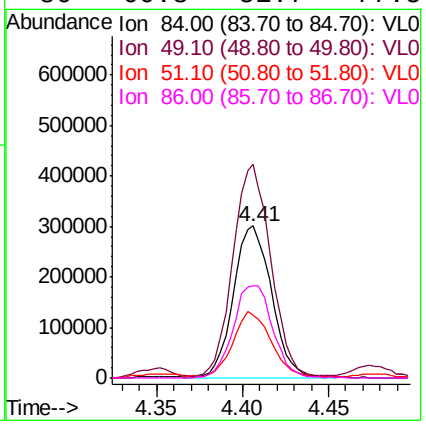


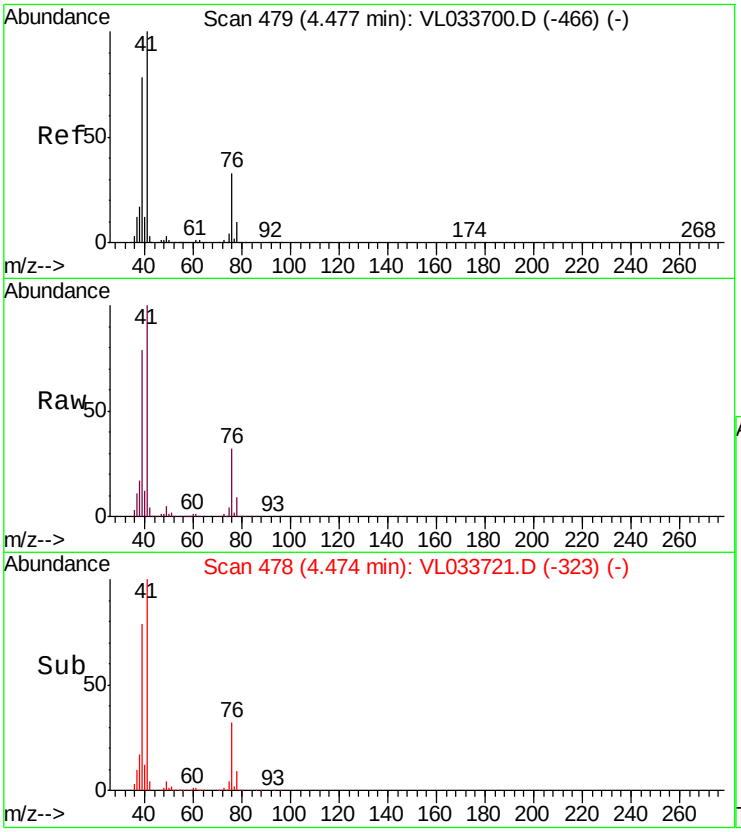


#20
Methylene Chloride
Concen: 9.172 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 84 Resp: 461566

Ion	Ratio	Lower	Upper
84	100		
49	139.8	112.8	169.2
51	41.1	33.4	50.0
86	60.8	51.7	77.5



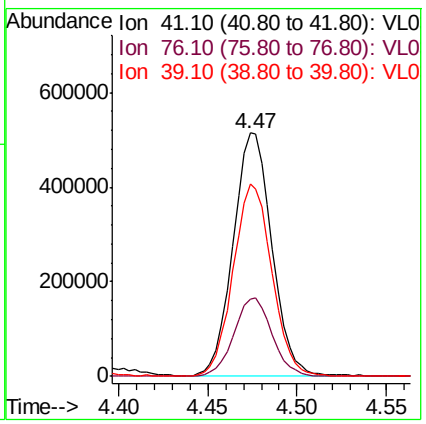


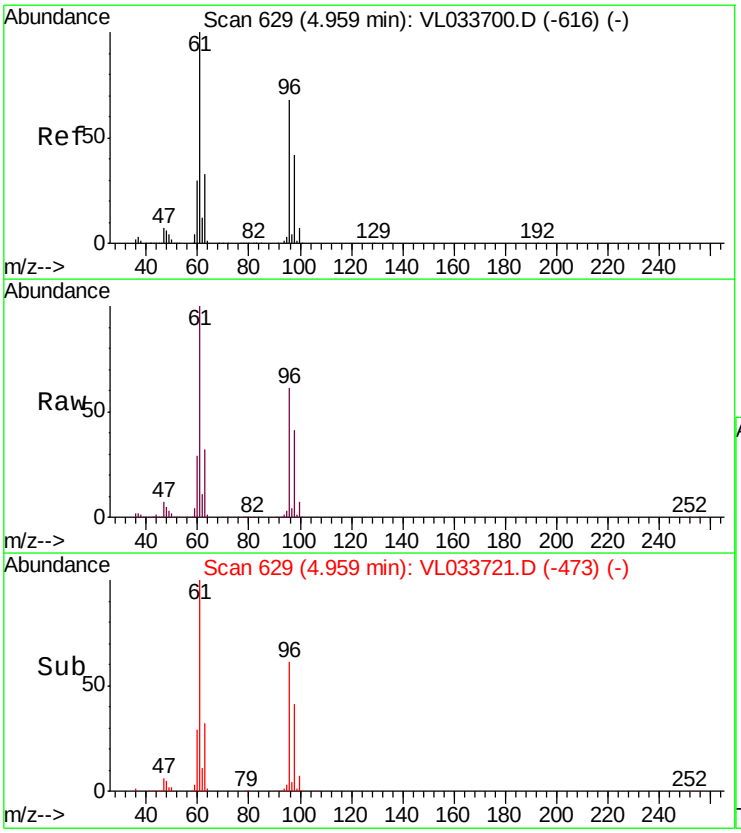
#21
Allyl Chloride
Concen: 9.501 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 774548

Ion	Ratio	Lower	Upper
41	100		
76	32.1	25.9	38.9
39	79.5	64.6	97.0

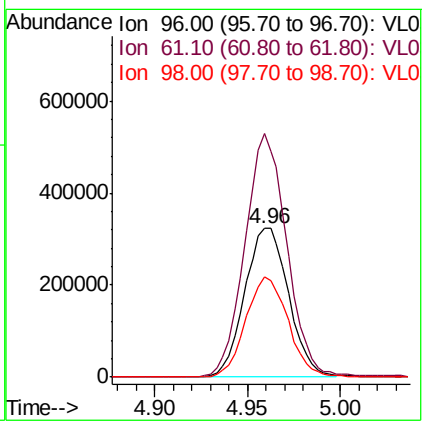


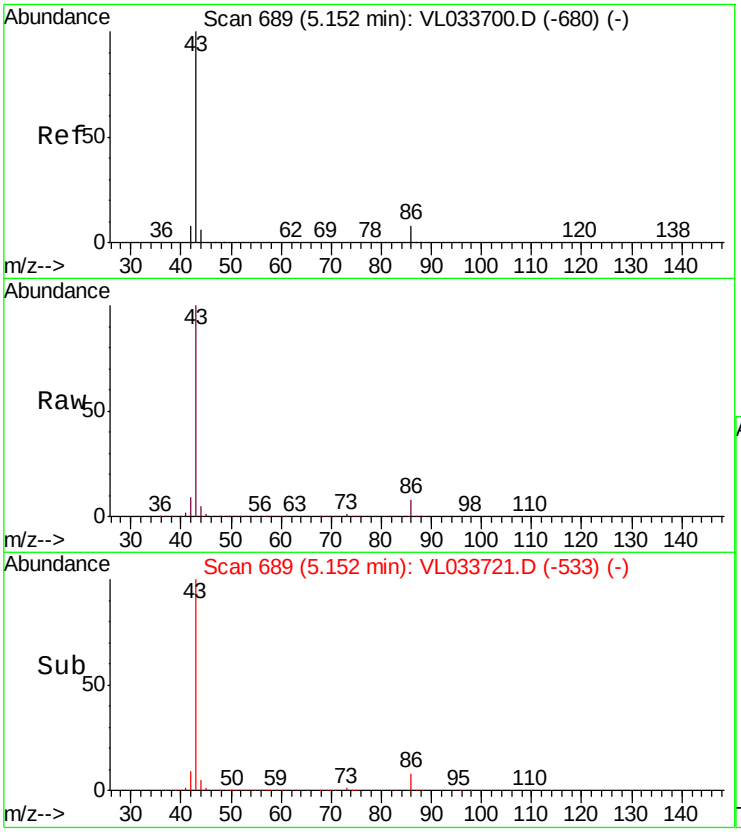


#22
trans-1,2-Dichloroethene
Concen: 9.272 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 96 Resp: 530793

Ion	Ratio	Lower	Upper
96	100		
61	163.7	116.8	175.2
98	67.3	49.4	74.0



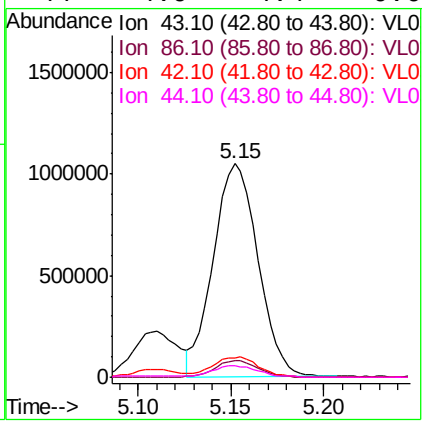


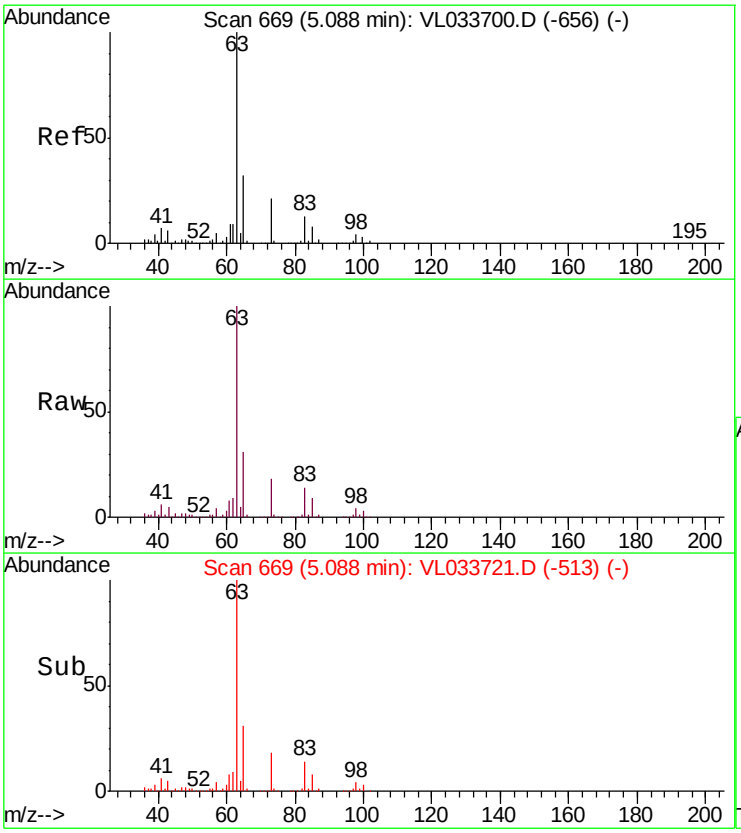
#23
Vinyl Acetate
Concen: 10.189 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1755843

Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.0	9.0
42	8.8	7.5	11.3
44	4.9	4.4	6.6

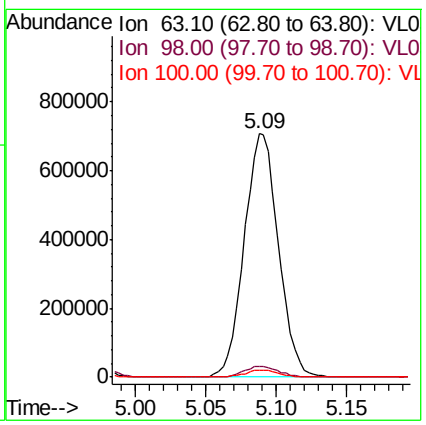


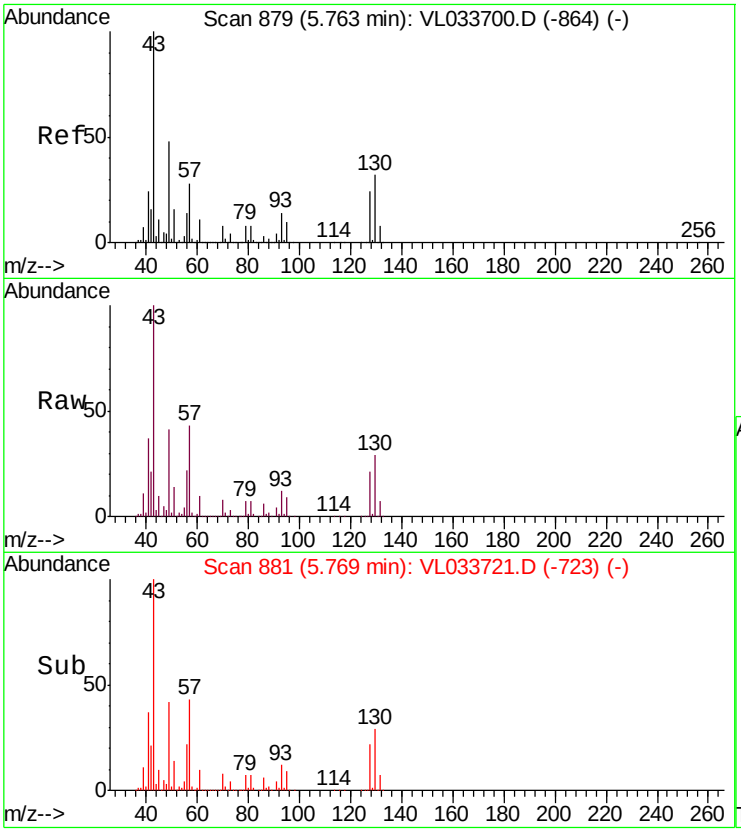


#24
1,1-Dichloroethane
Concen: 9.166 ppbv
RT: 5.09 min Scan# 669
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 63 Resp: 1200766

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.8	5.5
100	2.6	1.4	4.2



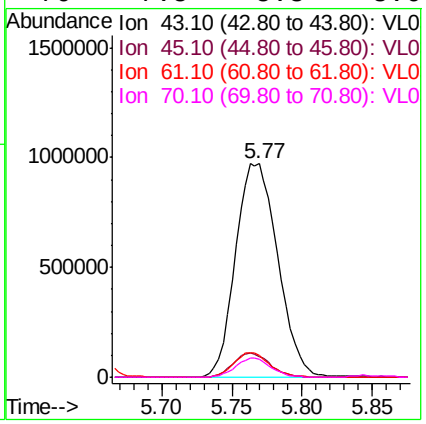


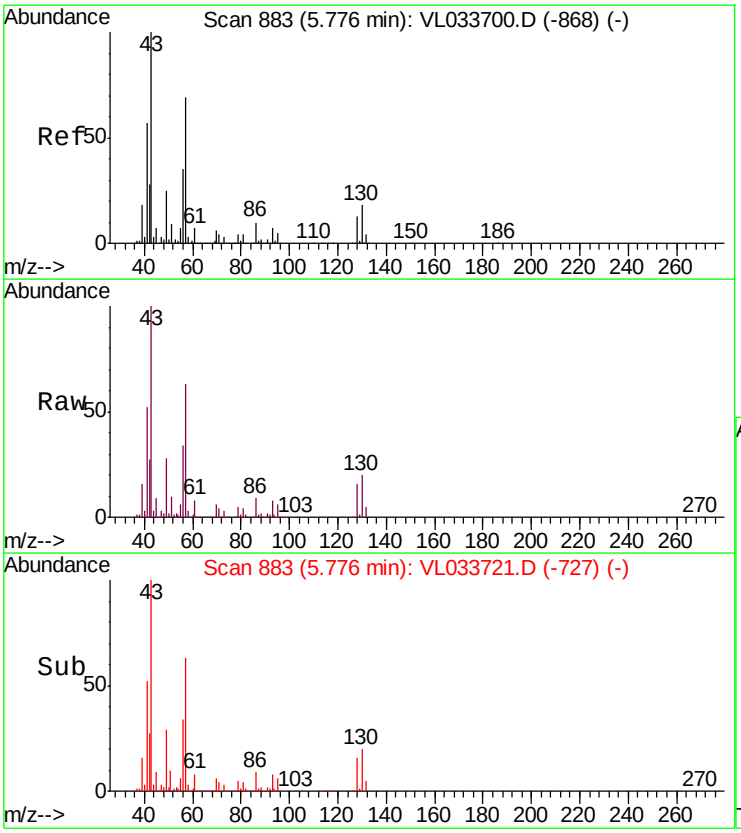
#25
Ethyl Acetate
Concen: 8.864 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2035257

Ion	Ratio	Lower	Upper
43	100		
45	10.1	7.9	11.9
61	9.8	7.7	11.5
70	7.5	5.8	8.6

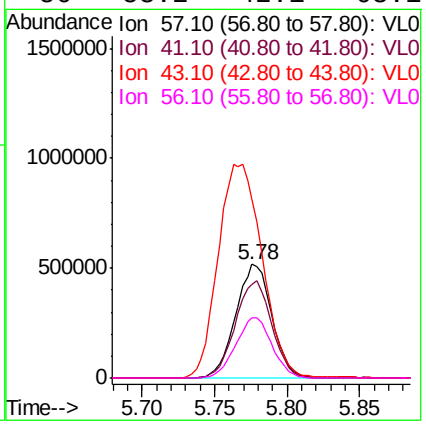


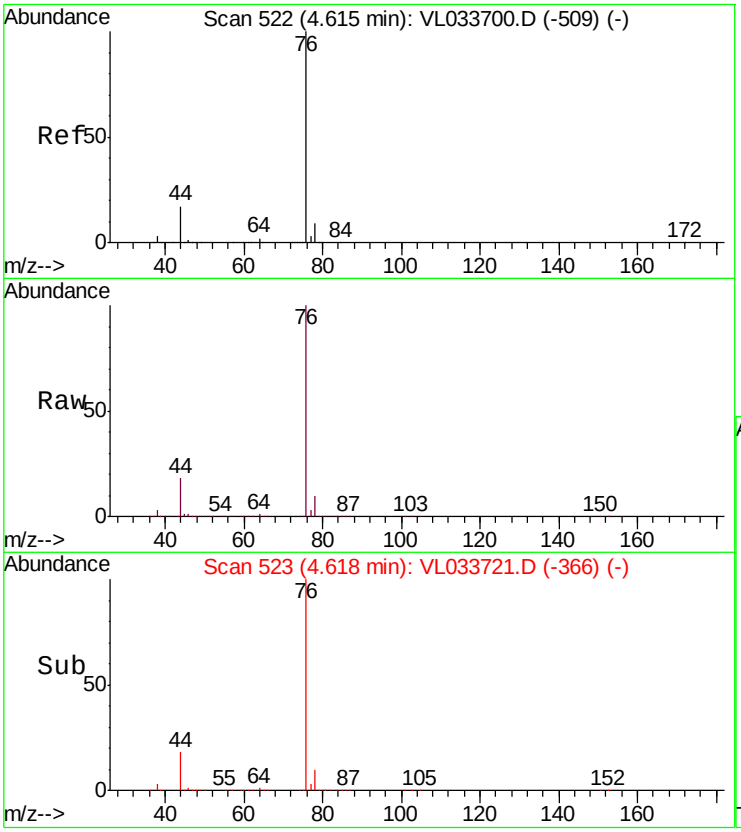


#26
Hexane
Concen: 9.068 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 57 Resp: 895085

Ion	Ratio	Lower	Upper
57	100		
41	86.3	69.8	104.6
43	228.6	181.8	272.6
56	53.2	42.1	63.1



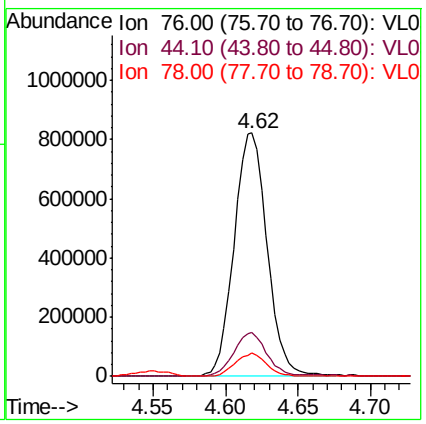


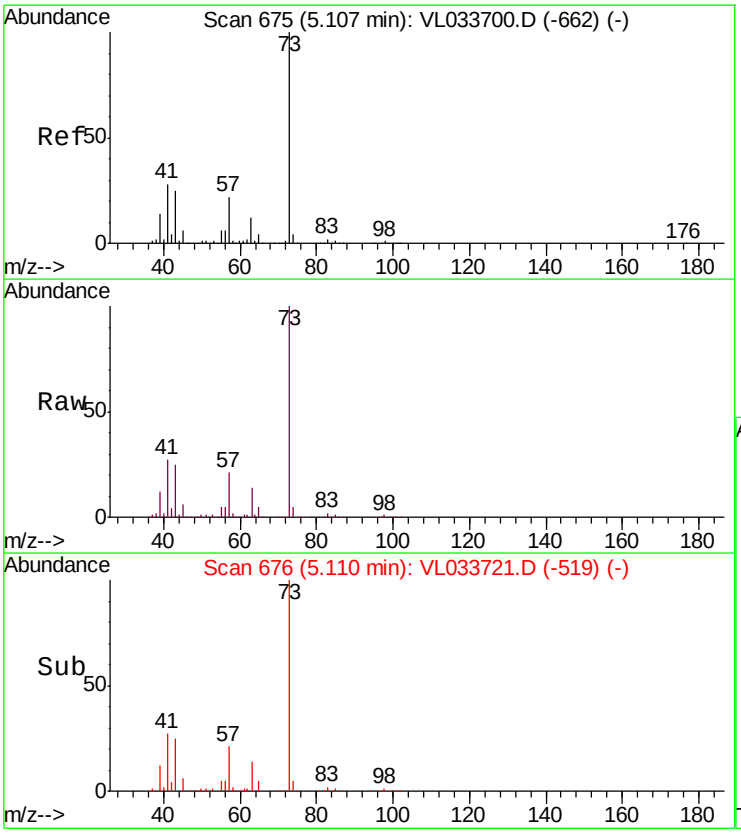
#27
Carbon Disulfide
Concen: 9.624 ppbv
RT: 4.62 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1303311

Ion	Ratio	Lower	Upper
76	100		
44	18.1	13.8	20.8
78	9.1	7.4	11.0

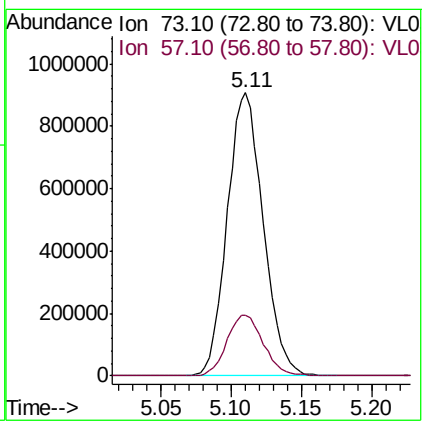


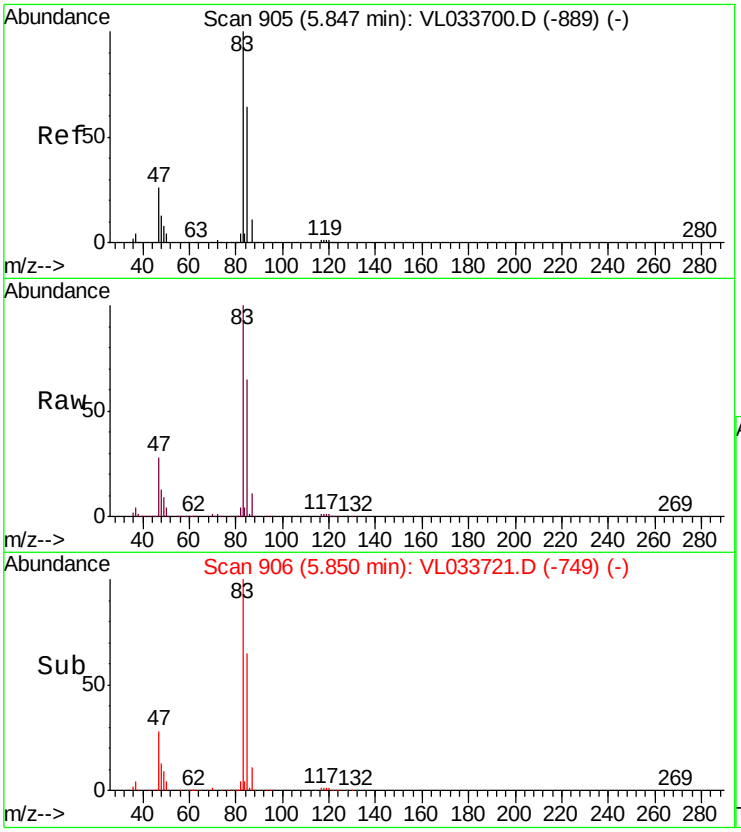


#28
Methyl tert-Butyl Ether
Concen: 10.069 ppbv
RT: 5.11 min Scan# 676
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 73 Resp: 1620181

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



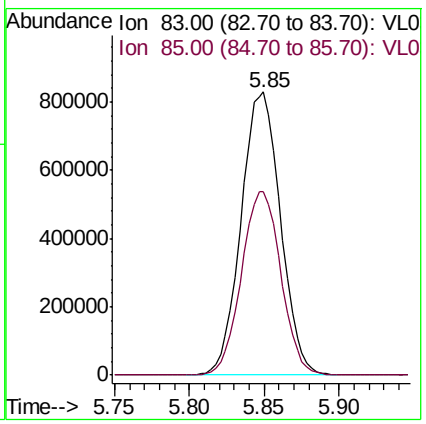


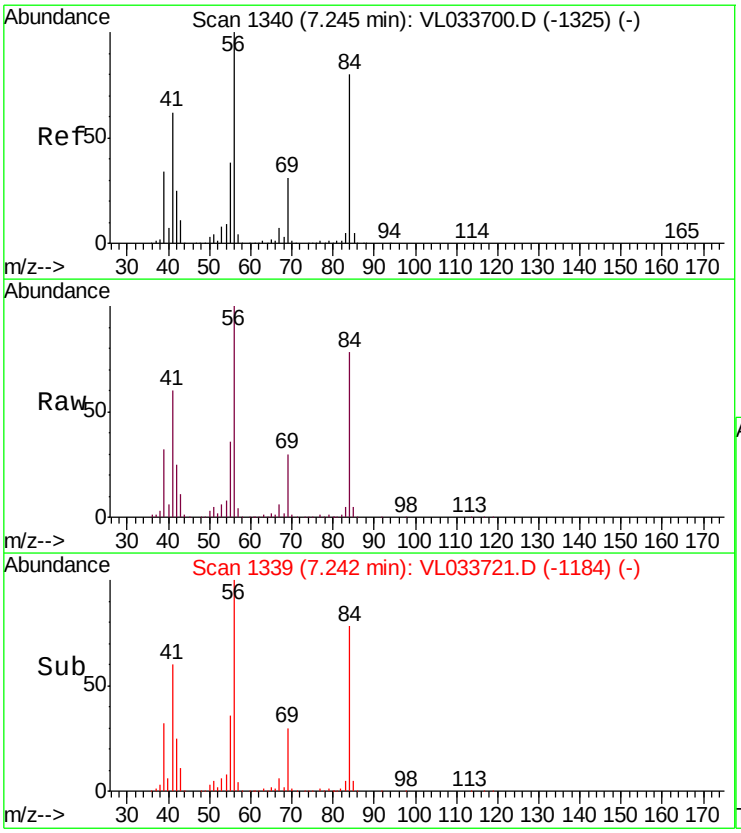
#29
Chloroform
Concen: 8.370 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1521751

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3

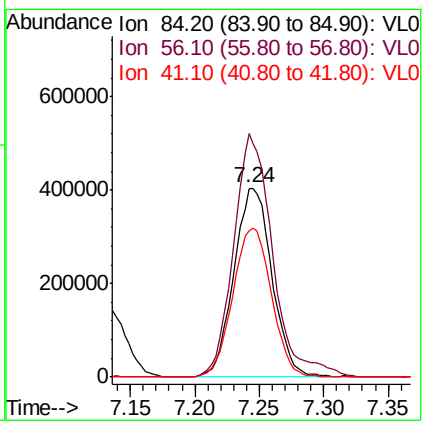


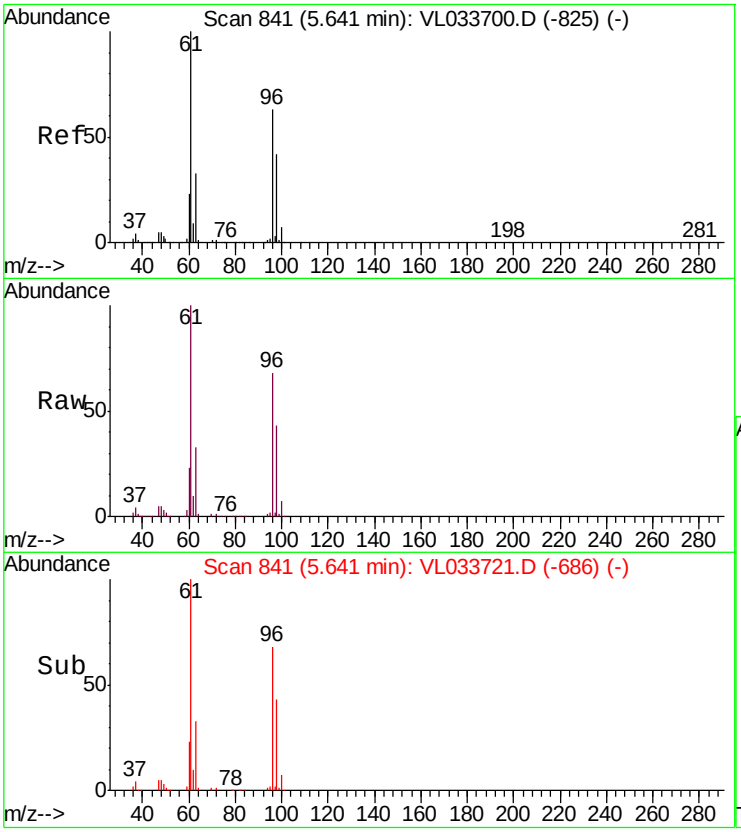


#30
Cyclohexane
Concen: 9.981 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 84 Resp: 828226

Ion	Ratio	Lower	Upper
84	100		
56	133.0	107.7	161.5
41	80.0	66.0	99.0



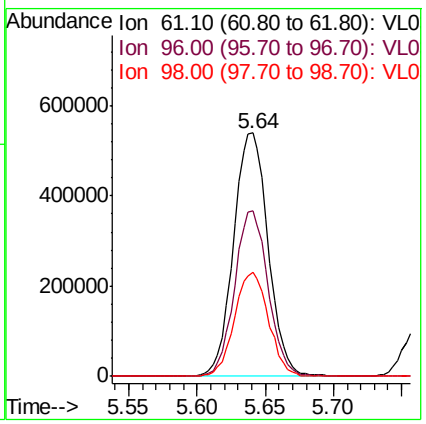


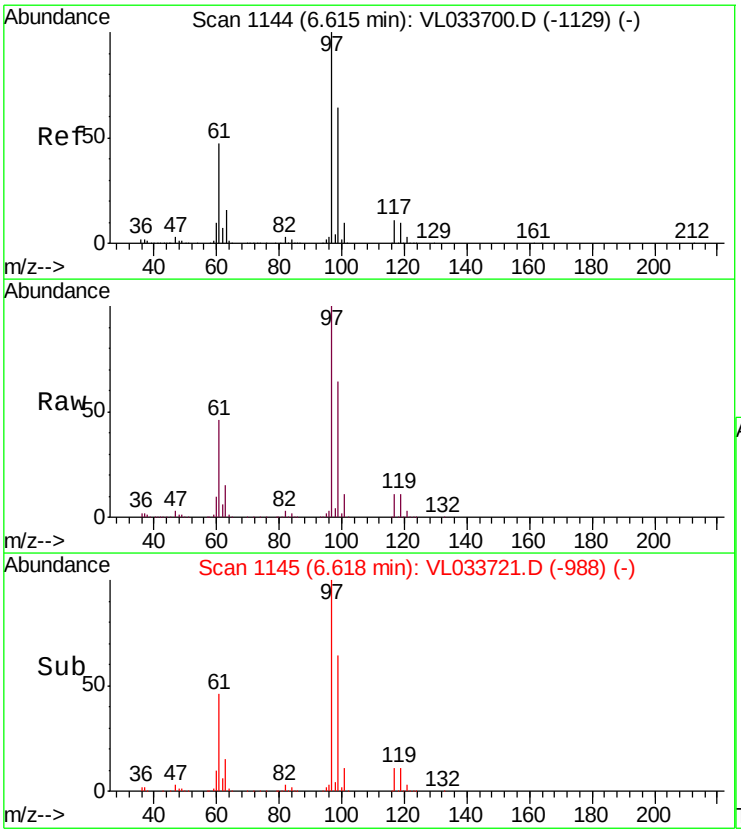
#31
cis-1,2-Dichloroethene
Concen: 9.689 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 948206

Ion	Ratio	Lower	Upper
61	100		
96	68.1	50.8	76.2
98	42.9	33.3	49.9

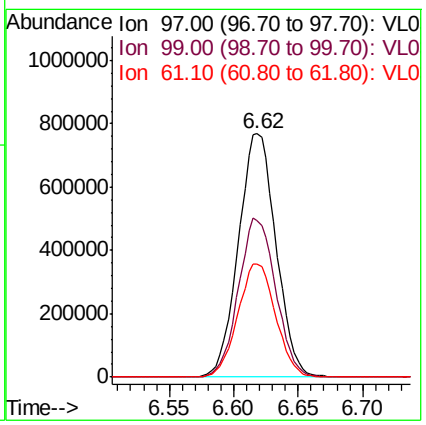


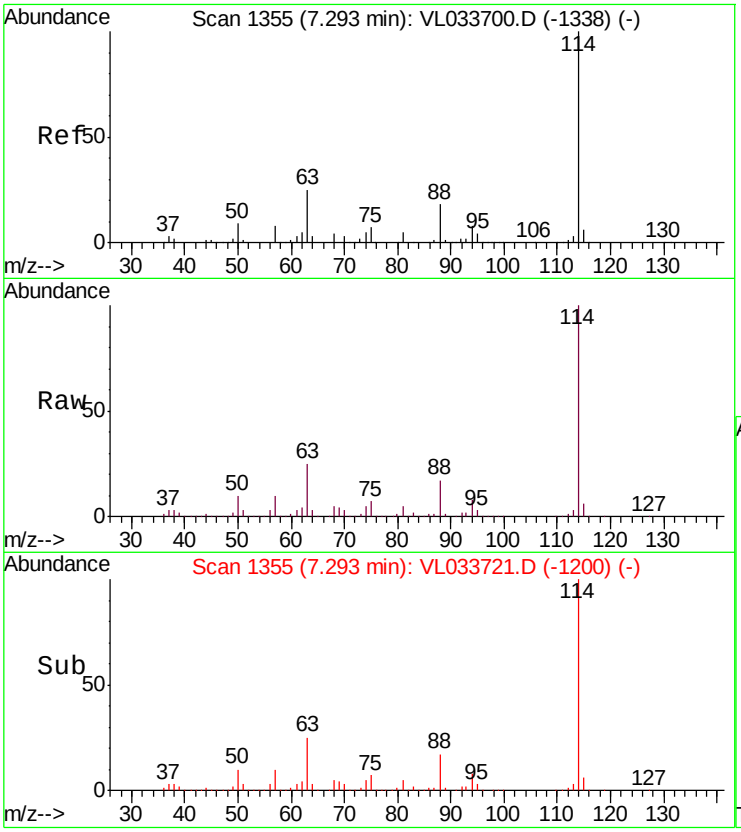


#32
1,1,1-Trichloroethane
Concen: 8.587 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 97 Resp: 1558859

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.5	77.3
61	46.8	37.8	56.8



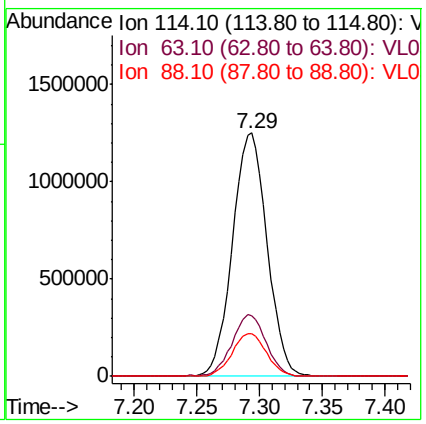


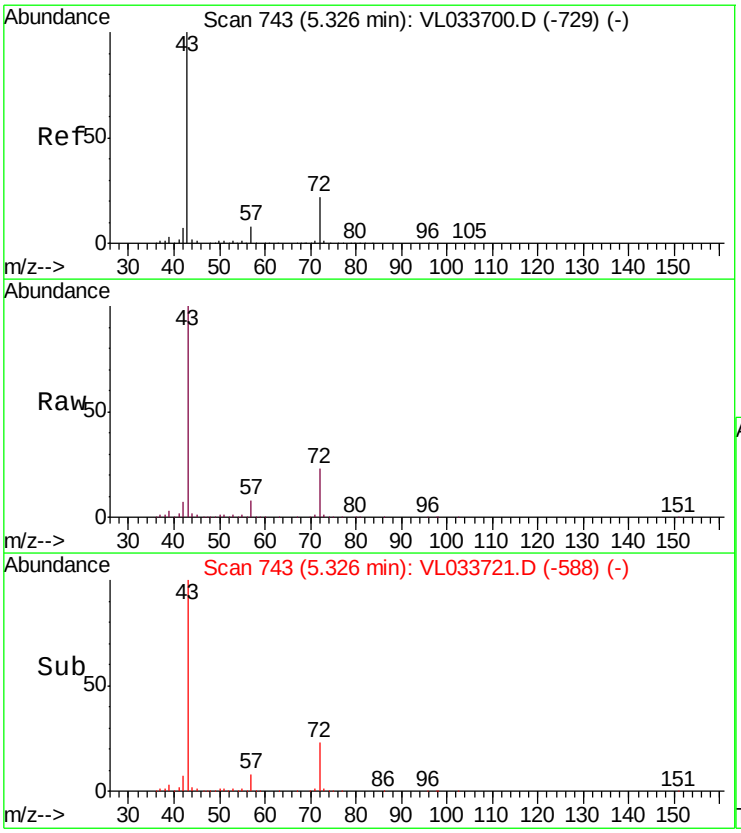
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2397094

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.9	31.3
88	17.6	14.3	21.5

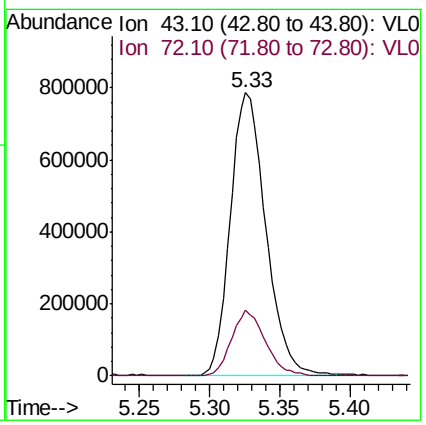


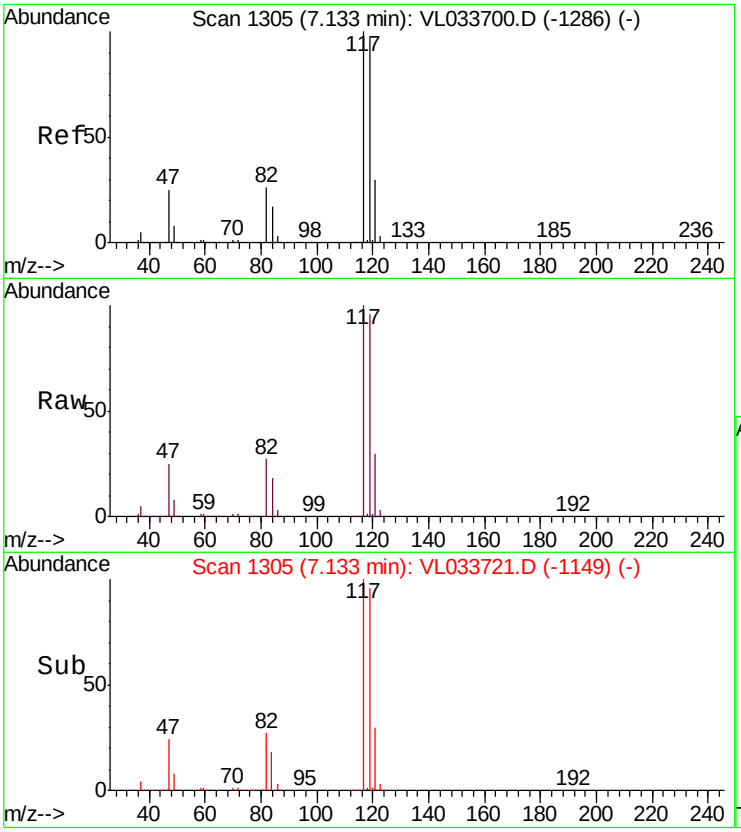


#34
2-Butanone
Concen: 9.294 ppbv
RT: 5.33 min Scan# 743
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 43 Resp: 1380947

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.8	26.6



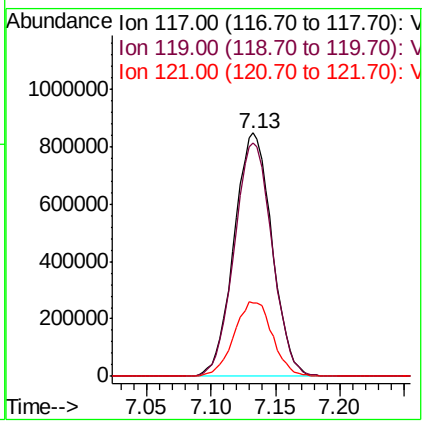


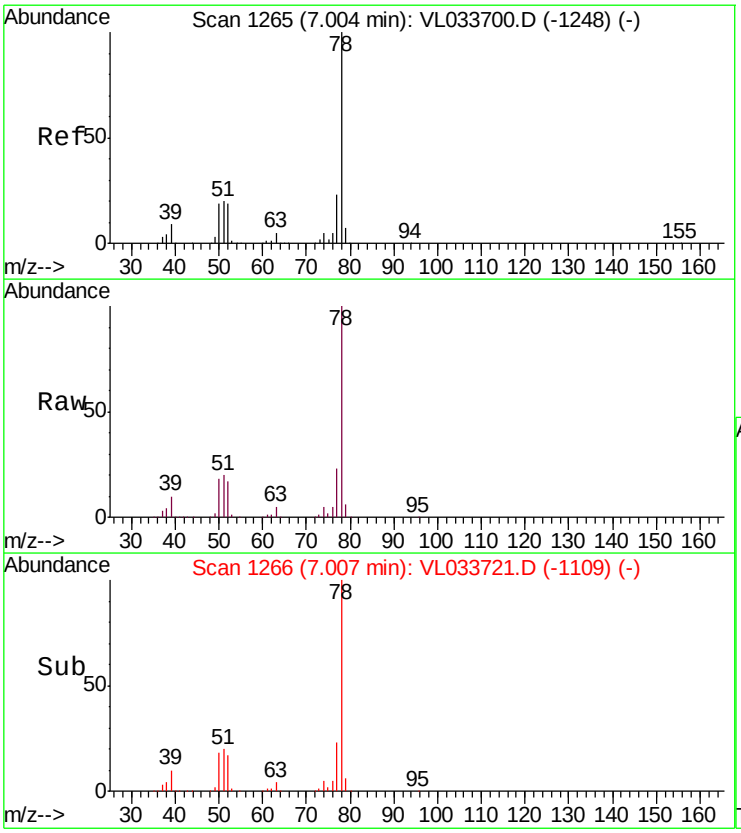
#35
Carbon Tetrachloride
Concen: 9.025 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1732896

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.2	115.8
121	30.3	24.1	36.1

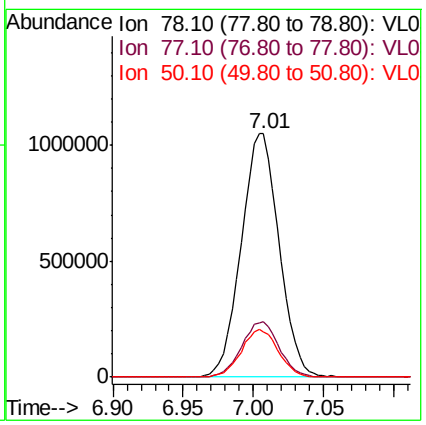


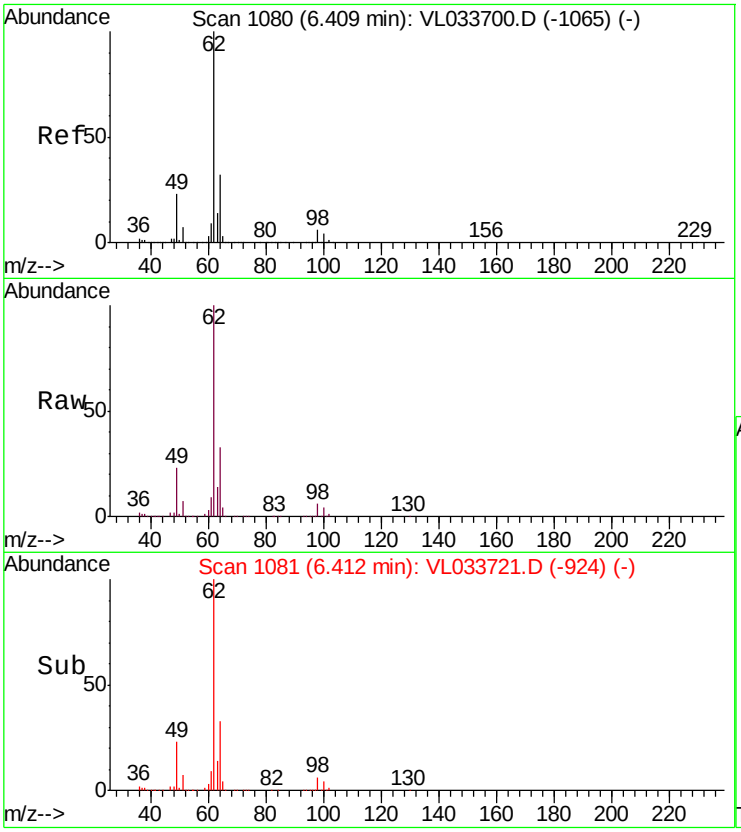


#36
Benzene
Concen: 9.067 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 78 Resp: 1977064

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.4	27.6
50	18.3	15.5	23.3



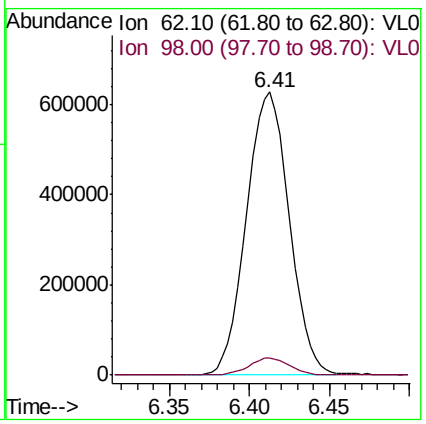


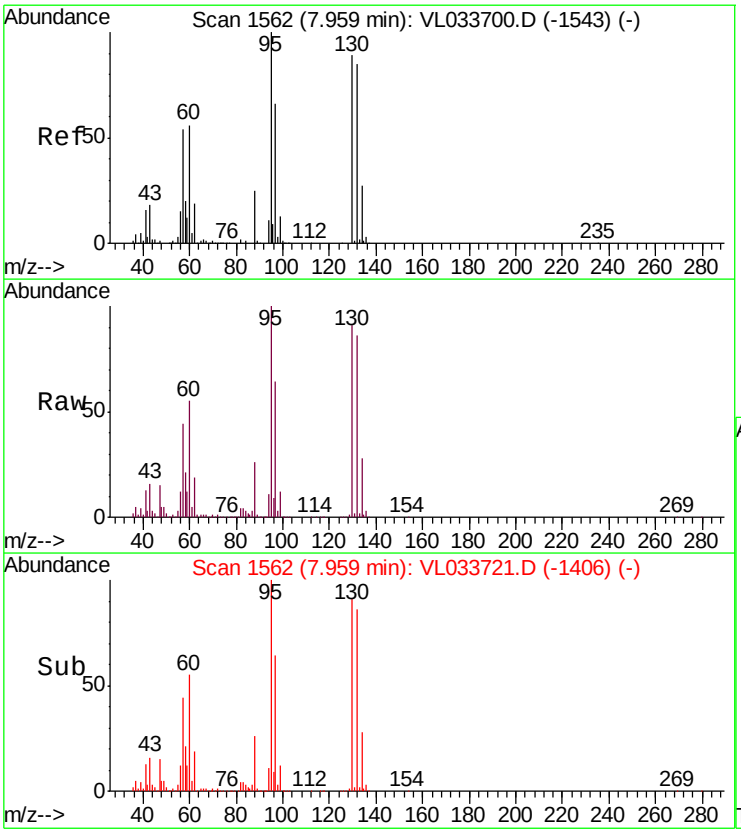
#37
1,2-Dichloroethane
Concen: 8.176 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1149957

Ion	Ratio	Lower	Upper
62	100		
98	5.9	4.5	6.7

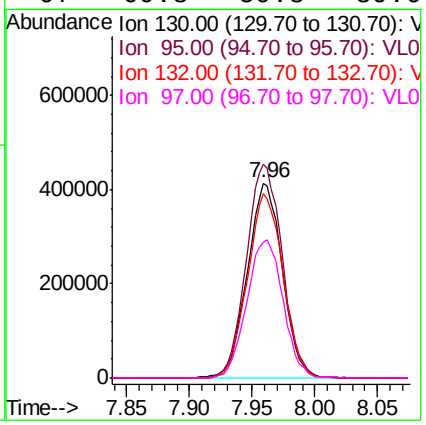


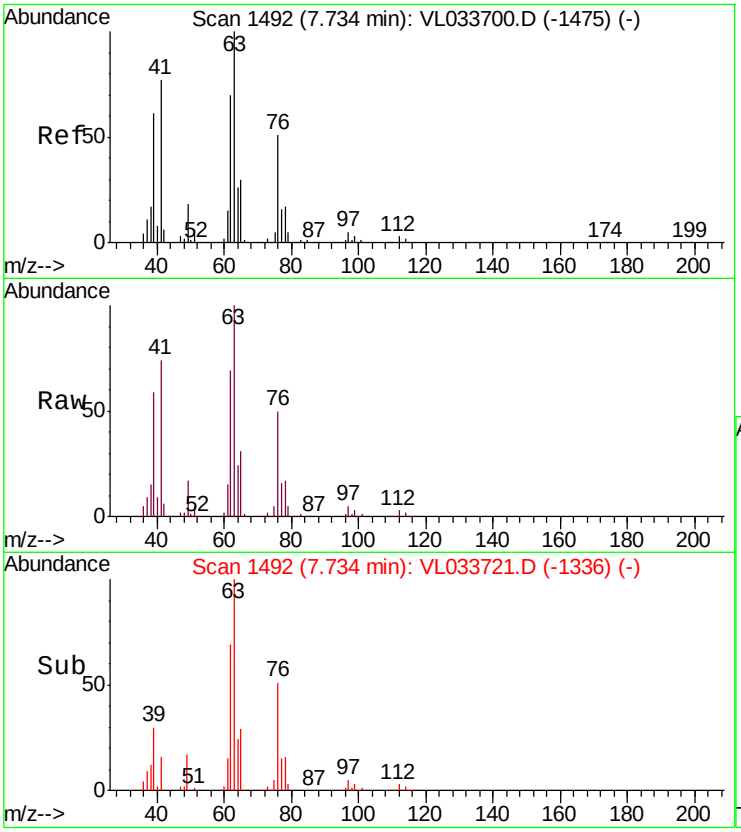


#38
Trichloroethene
Concen: 9.881 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:130 Resp: 799478

Ion	Ratio	Lower	Upper
130	100		
95	109.7	90.2	135.4
132	94.7	76.4	114.6
97	69.8	59.8	89.6



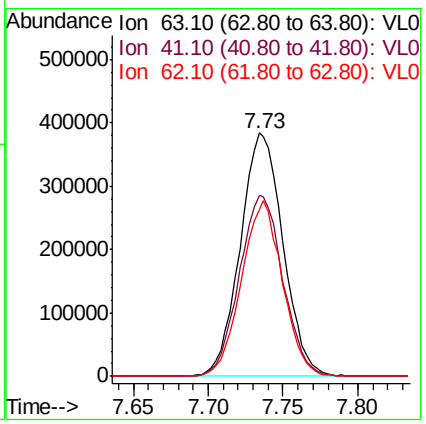


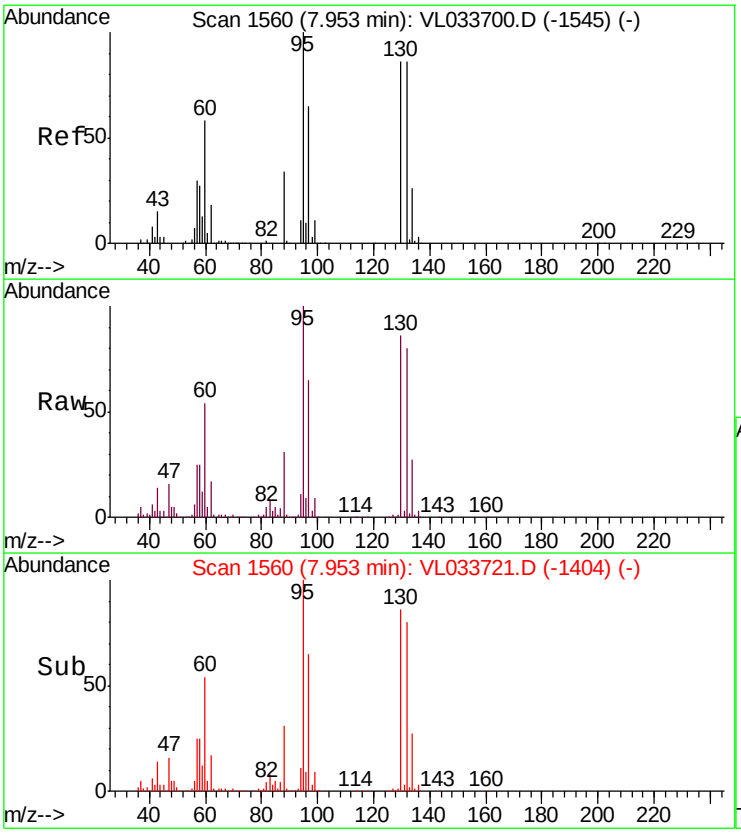
#39
1,2-Dichloropropane
Concen: 9.402 ppbv
RT: 7.73 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 63 Resp: 764307

Ion	Ratio	Lower	Upper
63	100		
41	73.9	61.5	92.3
62	68.7	56.2	84.4

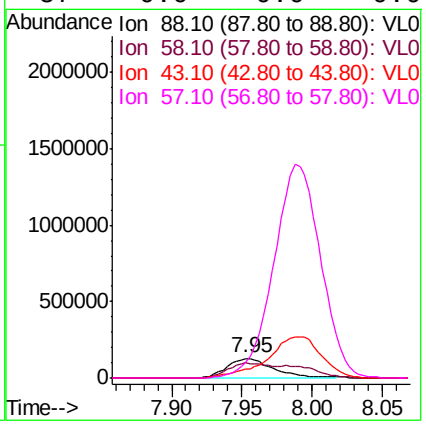


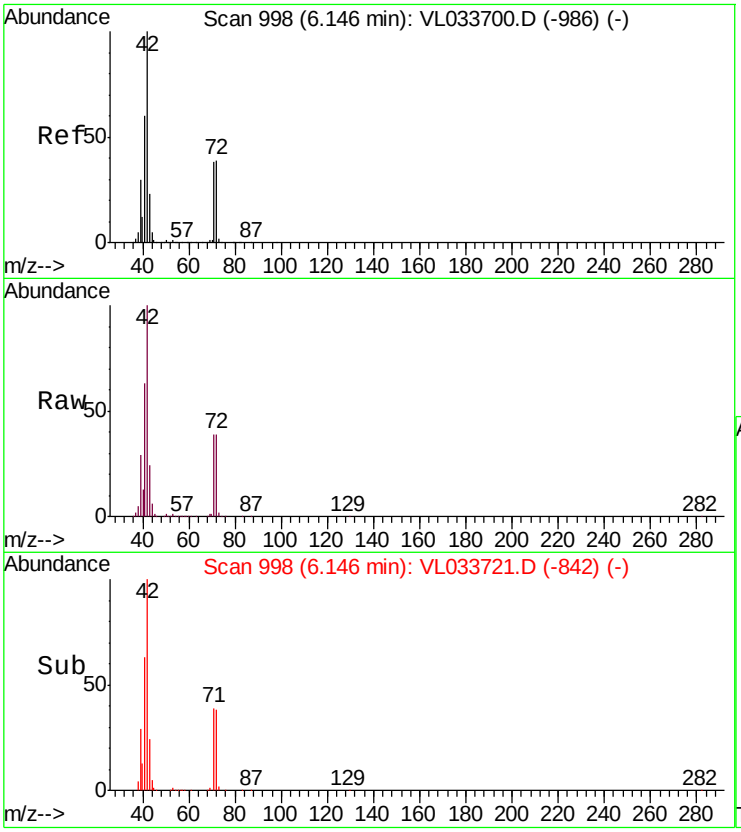


#40
1,4-Dioxane
Concen: 8.511 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 88 Resp: 289445

Ion	Ratio	Lower	Upper
88	100		
58	125.2	101.8	152.6
43	0.0	0.0	0.0
57	0.0	0.0	0.0



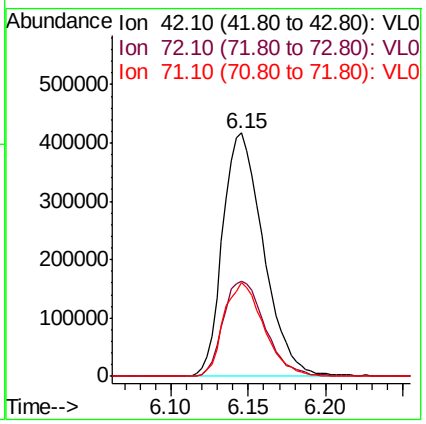


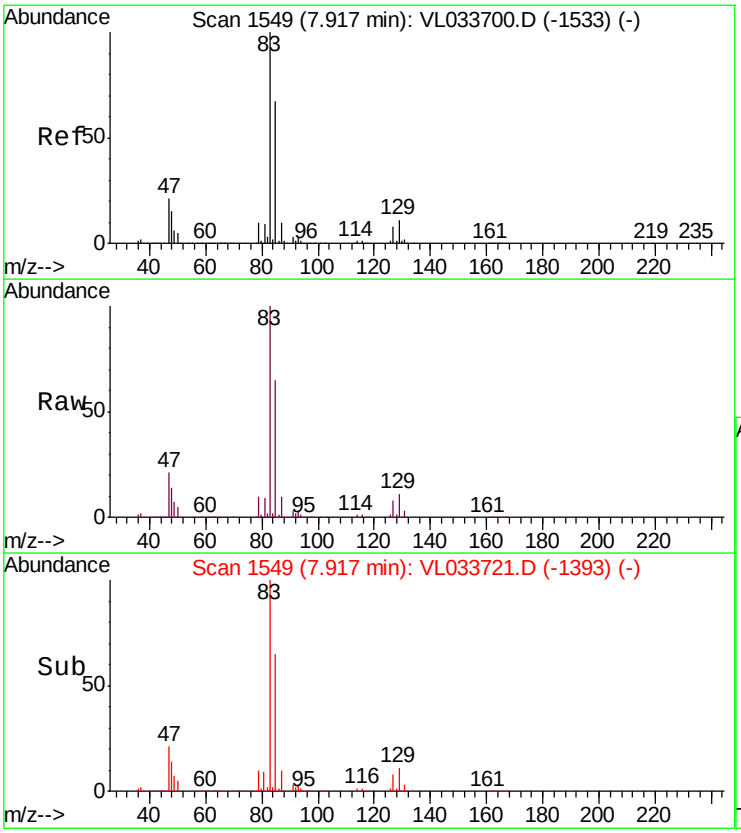
#41
Tetrahydrofuran
Concen: 9.132 ppbv
RT: 6.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 760226

Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.0	48.0
71	38.3	30.4	45.6

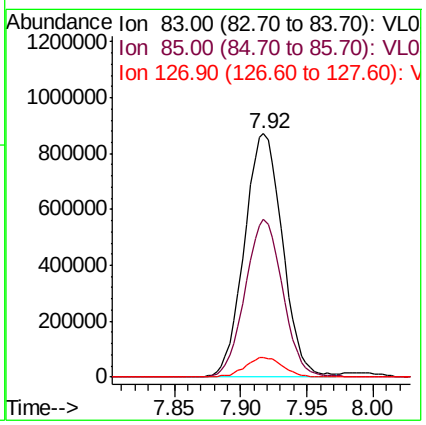


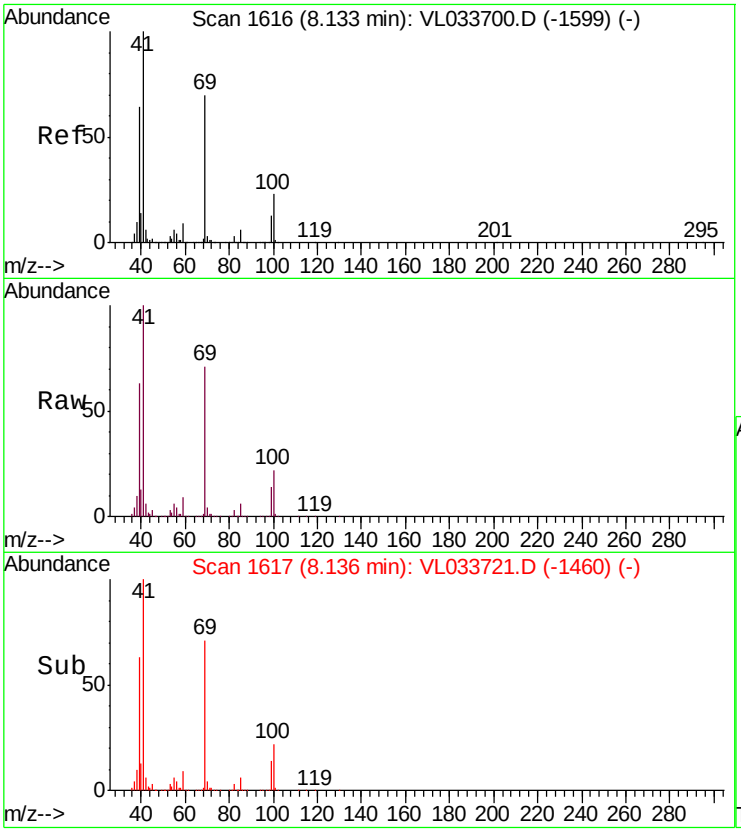


#42
Bromodichloromethane
Concen: 9.069 ppbv
RT: 7.92 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 83 Resp: 1746320

Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.3	79.9
127	8.2	6.5	9.7



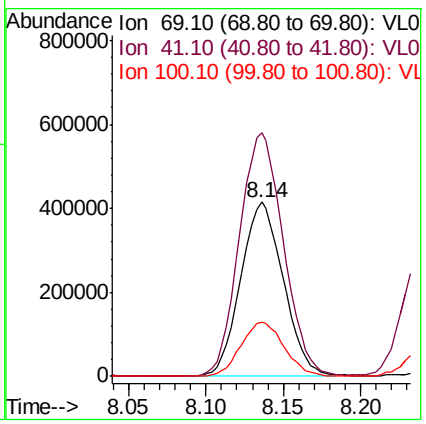


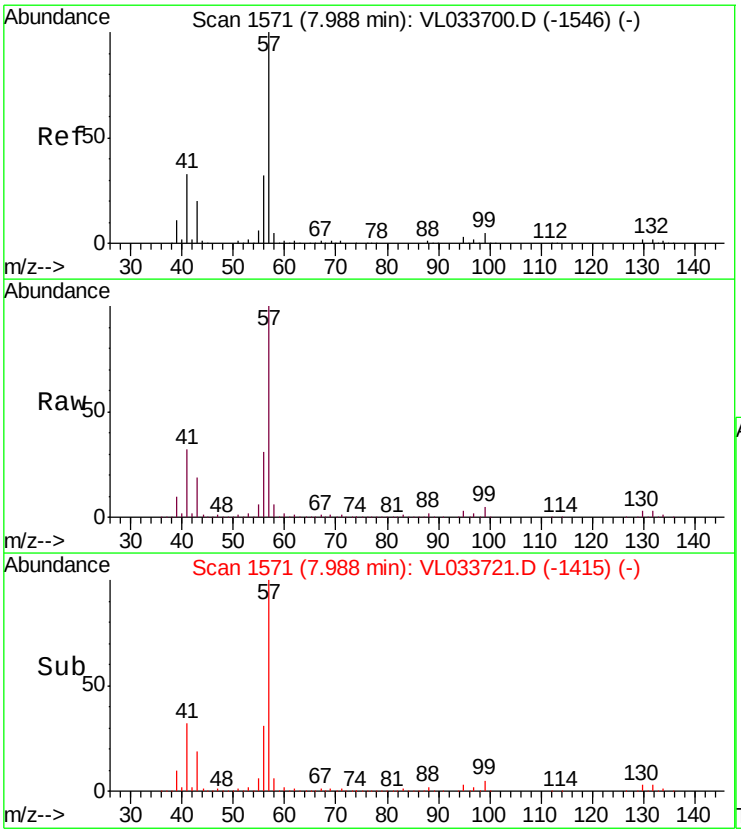
#43
Methyl Methacrylate
Concen: 9.924 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 69 Resp: 796348

Ion	Ratio	Lower	Upper
69	100		
41	144.1	116.3	174.5
100	31.5	25.3	37.9

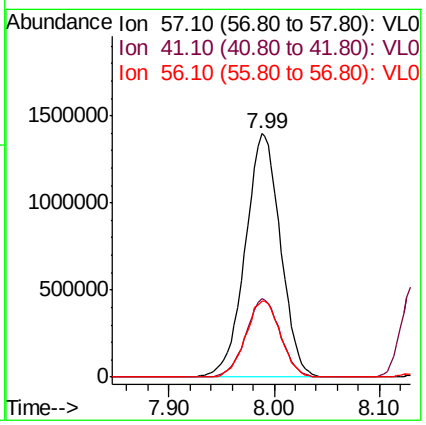


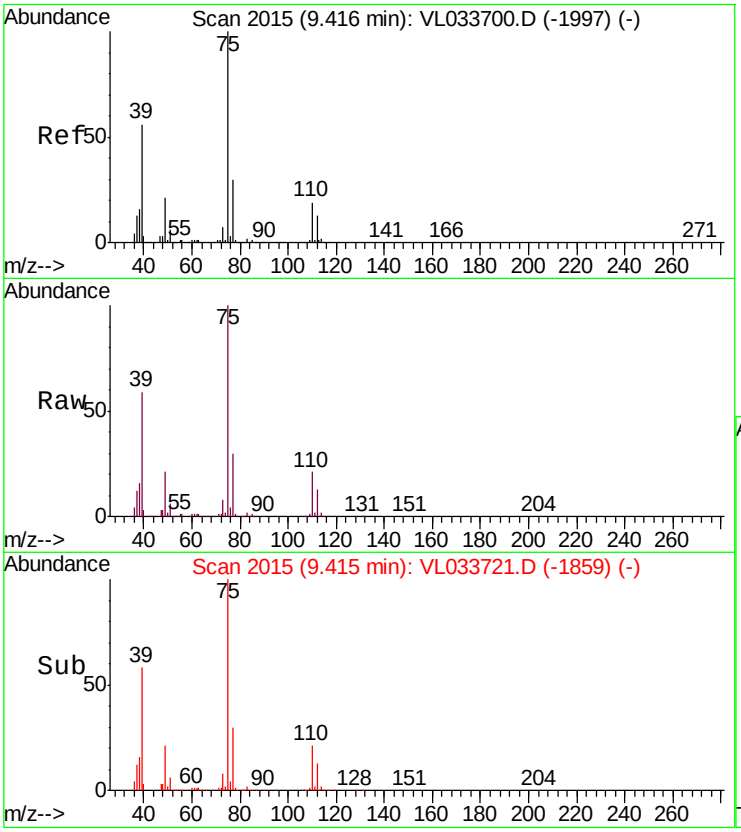


#44
2,2,4-Trimethylpentane
Concen: 8.820 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 57 Resp: 3250311

Ion	Ratio	Lower	Upper
57	100		
41	31.5	25.4	38.0
56	30.9	24.7	37.1



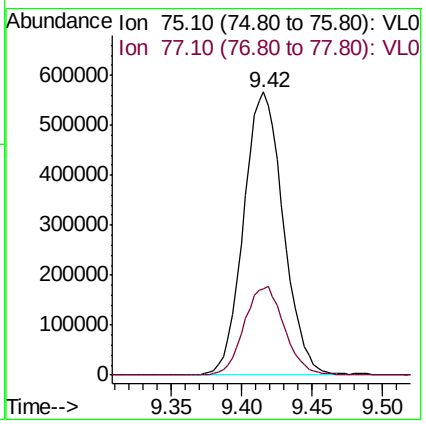


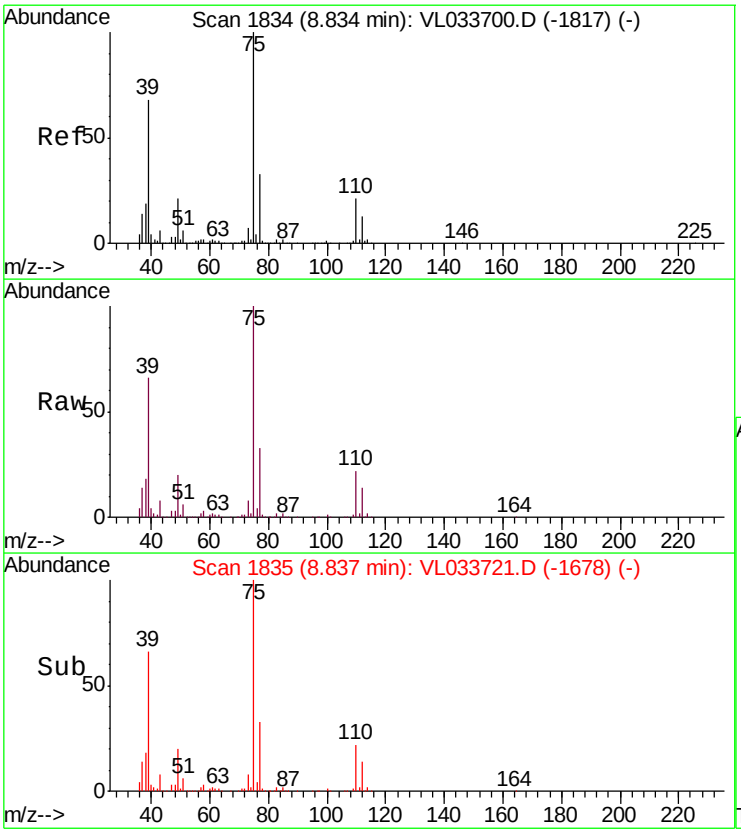
#45
t-1,3-Dichloropropene
Concen: 10.943 ppbv
RT: 9.42 min Scan# 2015
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1113226

Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.4	36.6

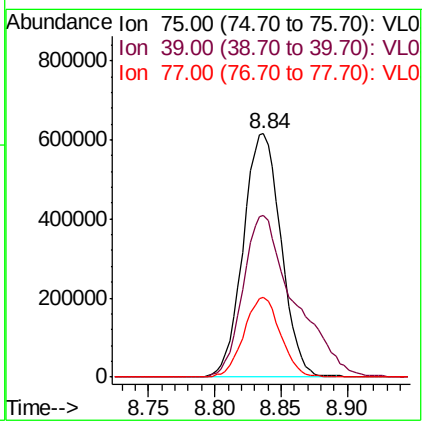


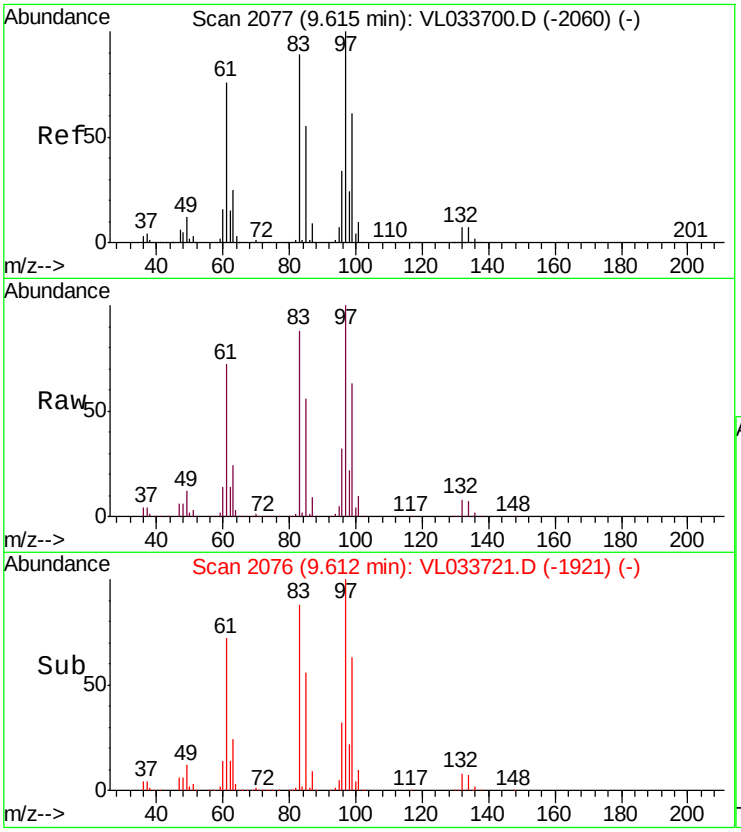


#46
cis-1,3-Dichloropropene
Concen: 10.263 ppbv
RT: 8.84 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 75 Resp: 1222585

Ion	Ratio	Lower	Upper
75	100		
39	66.2	54.4	81.6
77	32.6	26.6	39.8



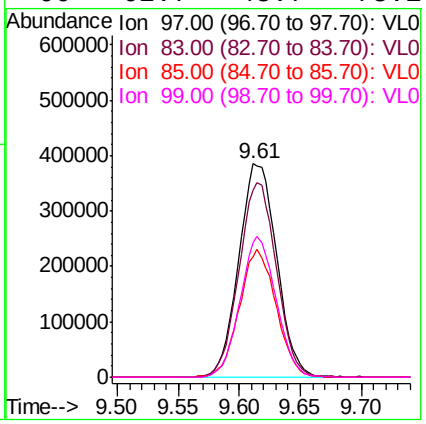


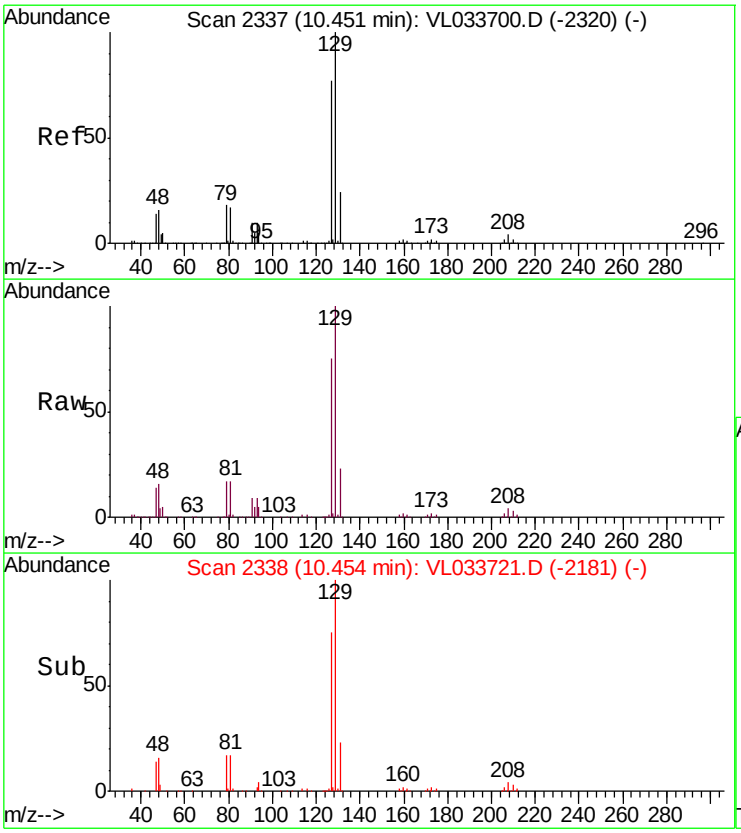
#47
1,1,2-Trichloroethane
Concen: 8.948 ppbv
RT: 9.61 min Scan# 2076
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 826431

Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.8	106.2
85	56.2	43.7	65.5
99	62.7	48.7	73.1

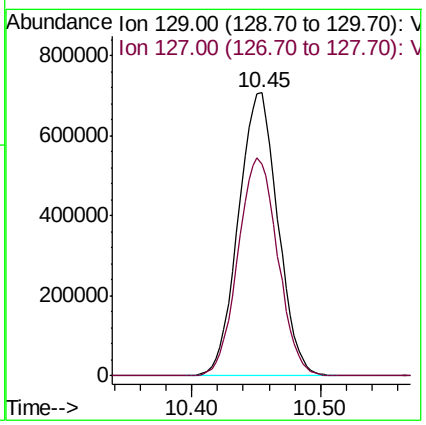


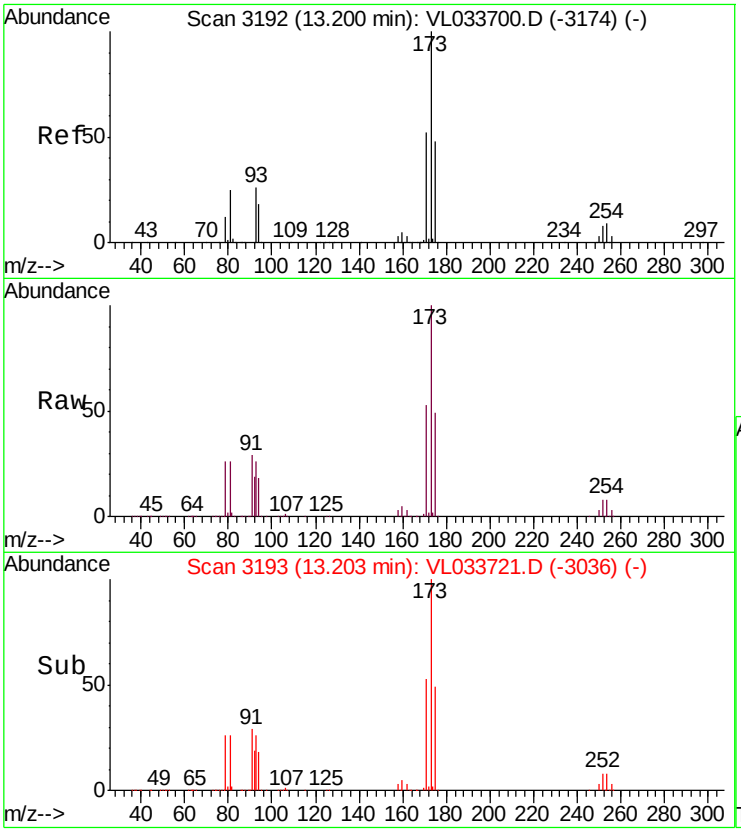


#48
Dibromochloromethane
Concen: 9.426 ppbv
RT: 10.45 min Scan# 2338
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:129 Resp: 1508441

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	116.0



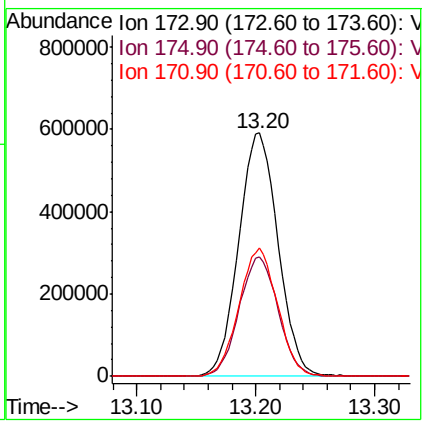


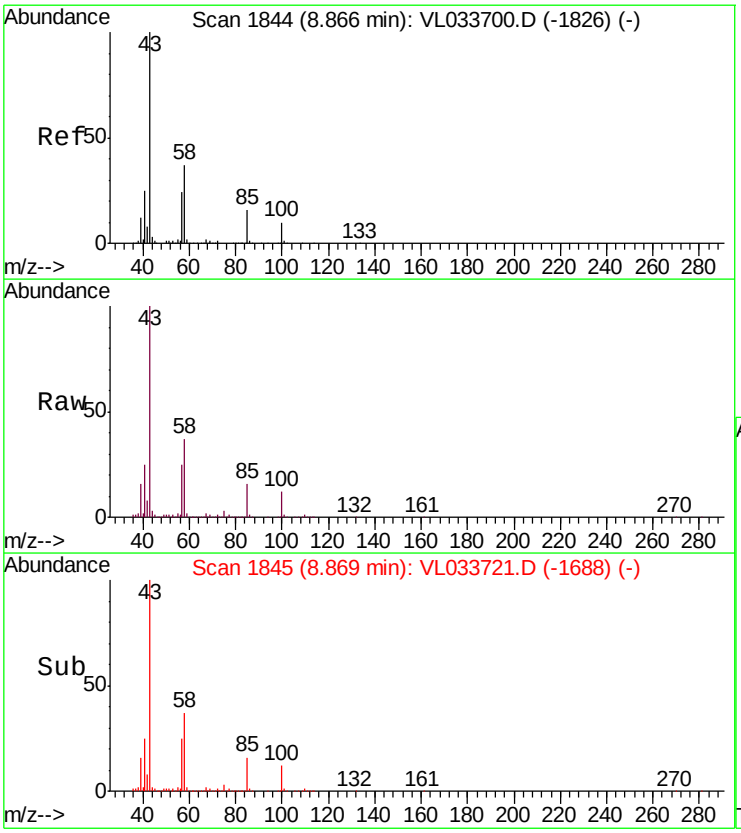
#49
Bromoform
Concen: 10.054 ppbv
RT: 13.20 min Scan# 3193
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1353730

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

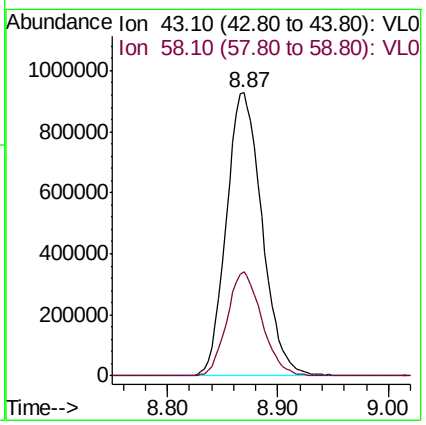


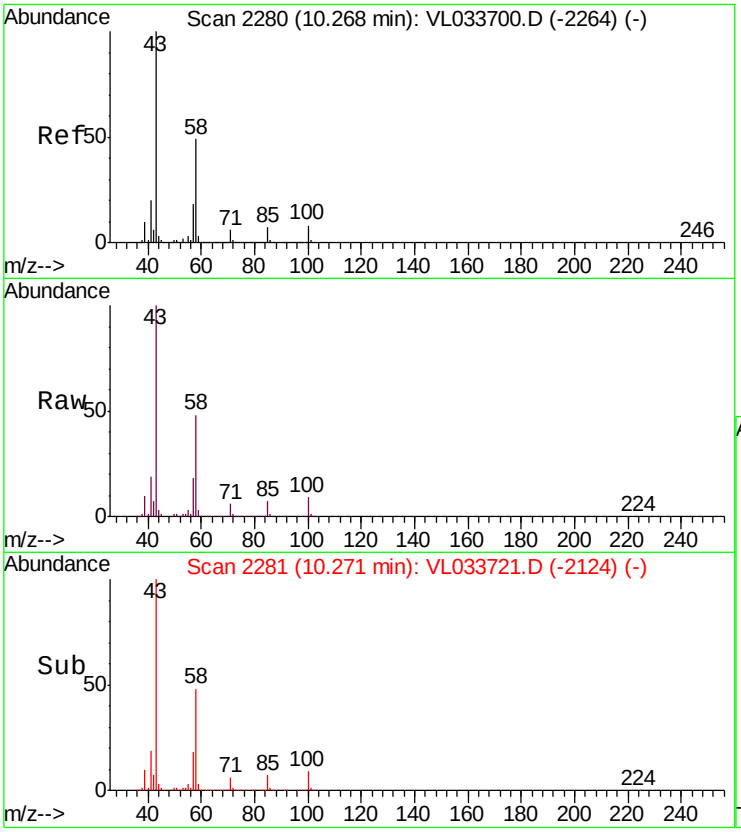


#50
4-Methyl-2-Pentanone
Concen: 9.067 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 43 Resp: 2072087

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.6	43.0



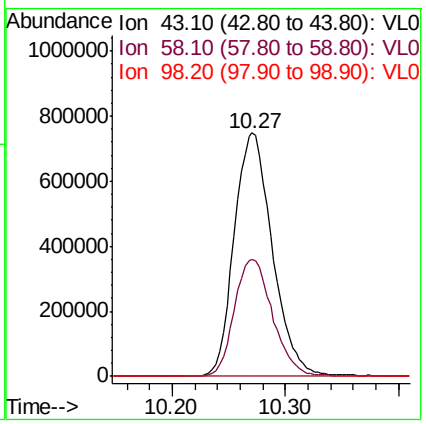


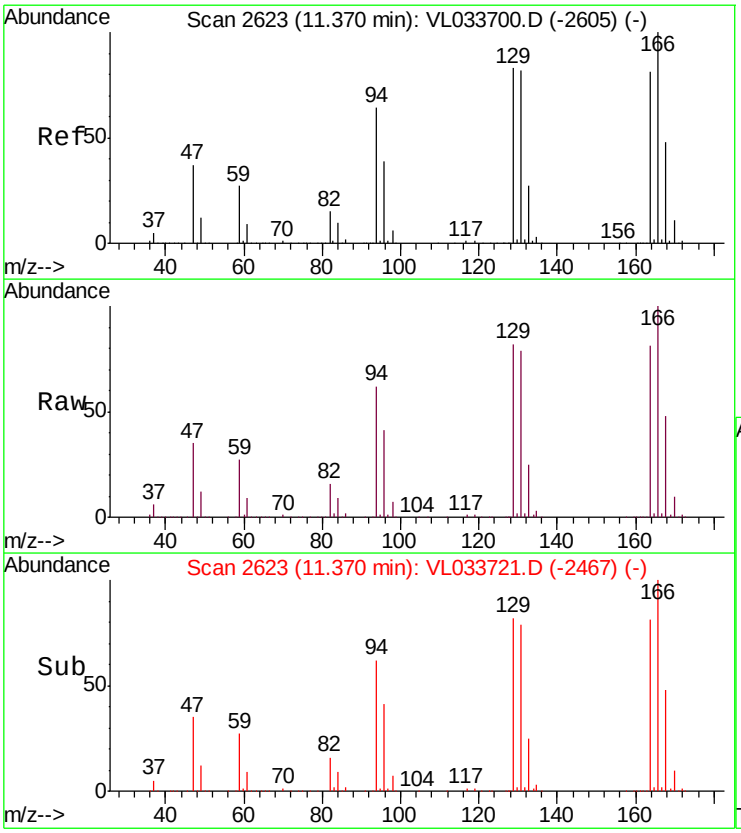
#51
2-Hexanone
Concen: 9.823 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1752072

Ion	Ratio	Lower	Upper
43	100		
58	48.4	38.7	58.1
98	0.3	0.2	0.4

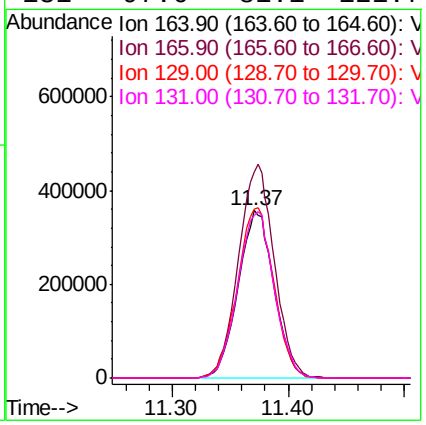


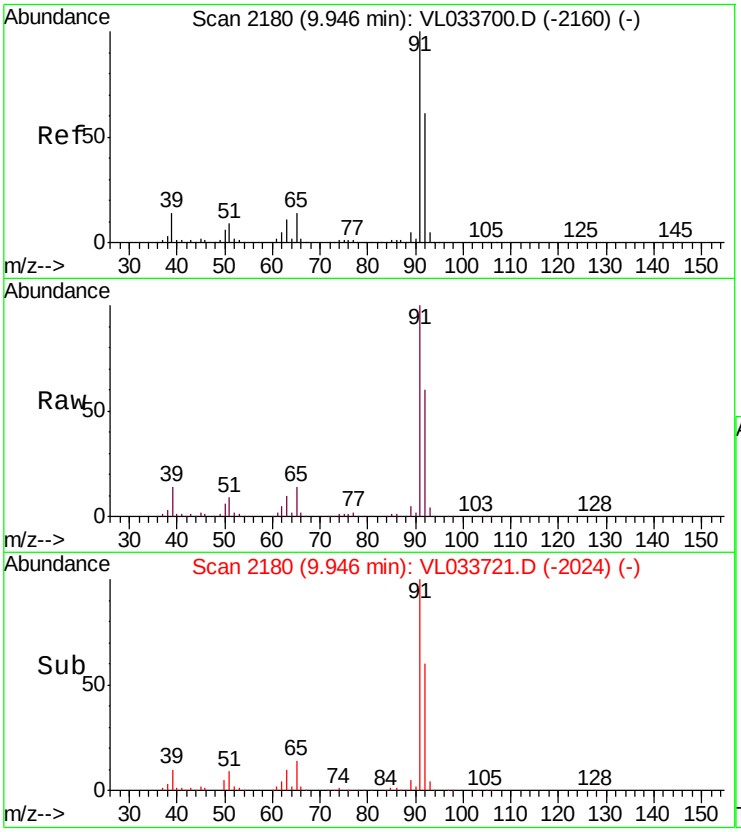


#52
Tetrachloroethene
Concen: 9.940 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:164 Resp: 761883

Ion	Ratio	Lower	Upper
164	100		
166	123.5	98.9	148.3
129	100.9	81.8	122.6
131	97.6	81.1	121.7



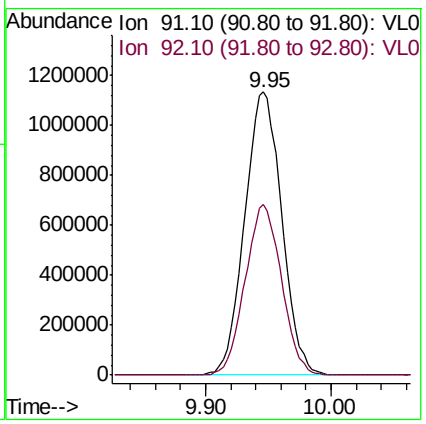


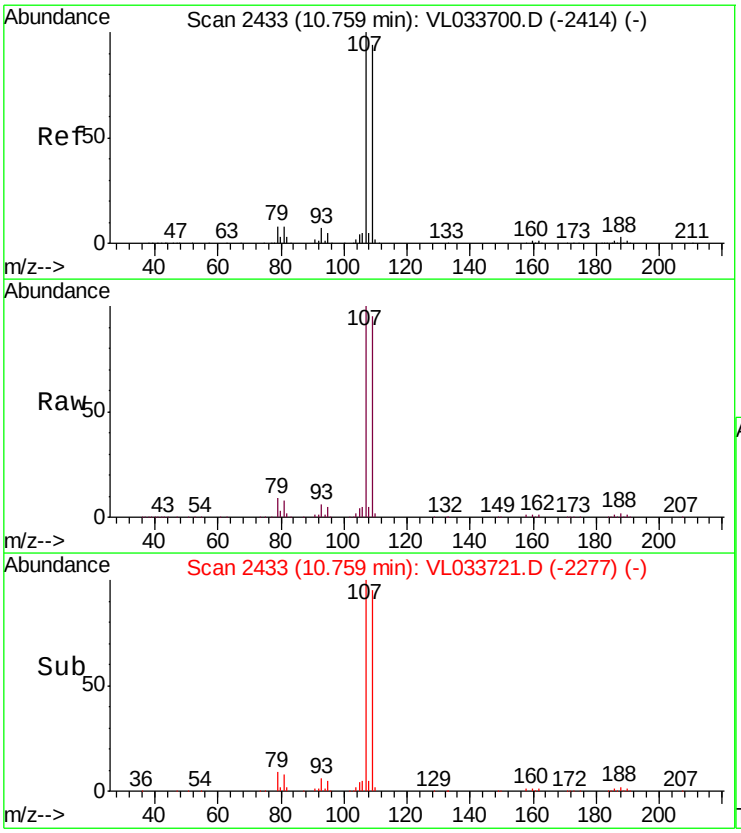
#53
Toluene
Concen: 9.917 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2332469

Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.6	71.4

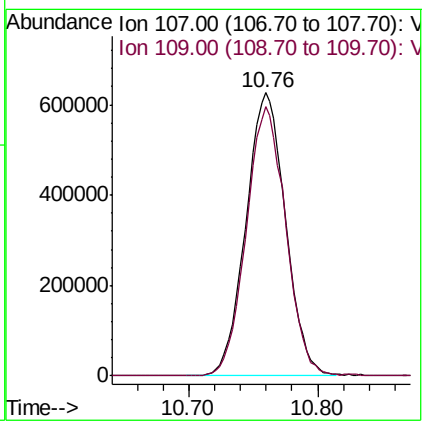


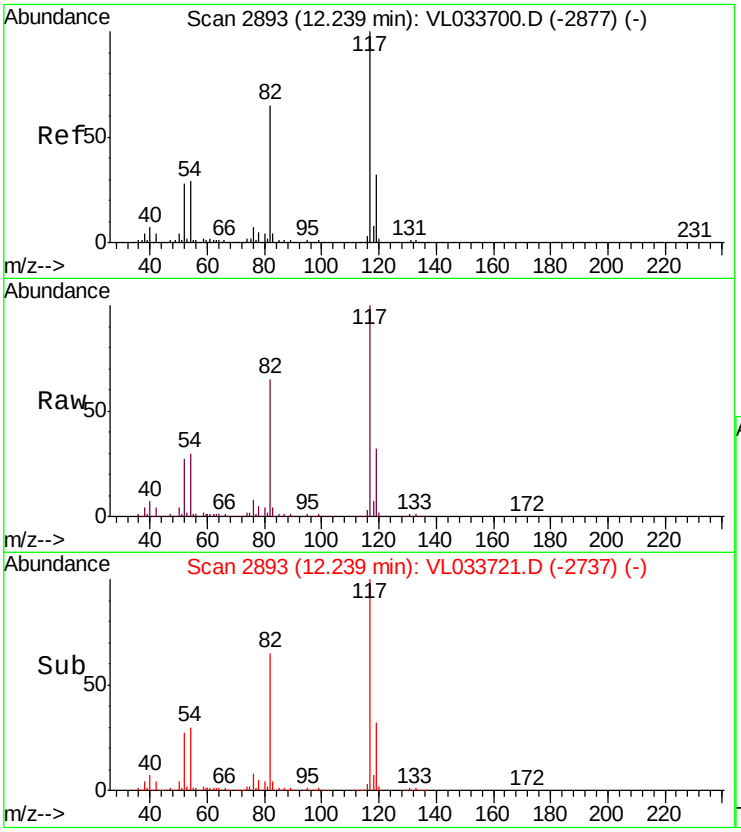


#54
1,2-Dibromoethane
Concen: 9.508 ppbv
RT: 10.76 min Scan# 2433
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:107 Resp: 1340109

Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.2	112.8



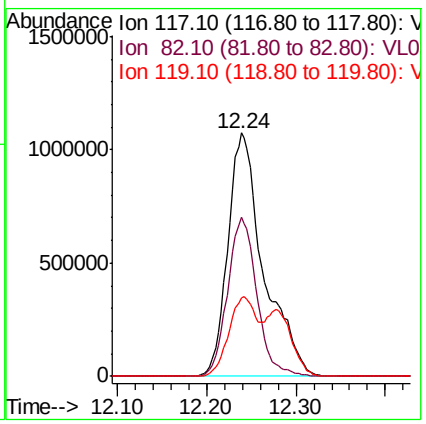


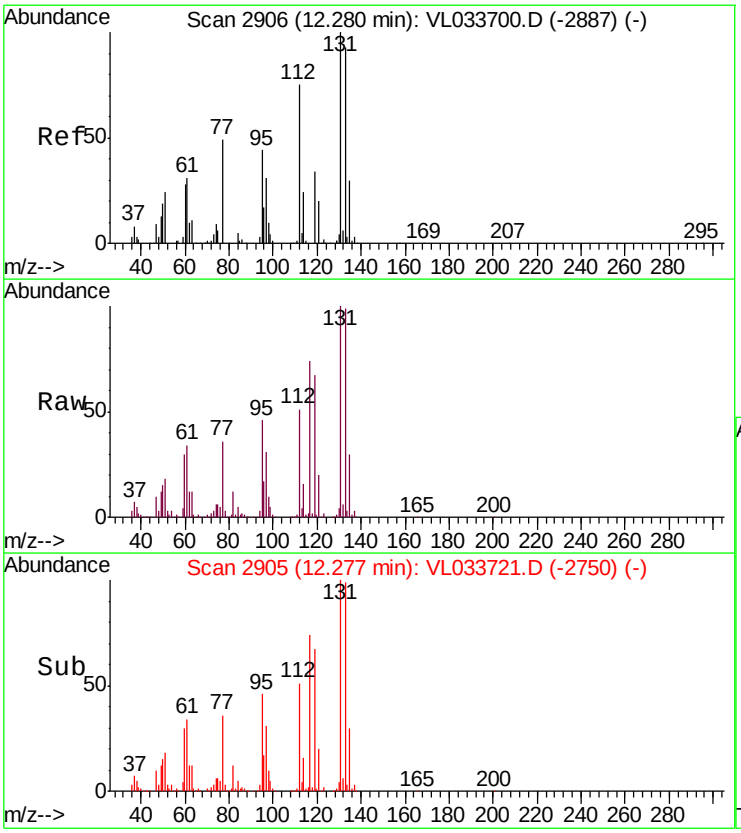
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:117 Resp: 2987153

Ion	Ratio	Lower	Upper
117	100		
82	53.5	49.4	74.0
119	46.3	24.9	37.3#

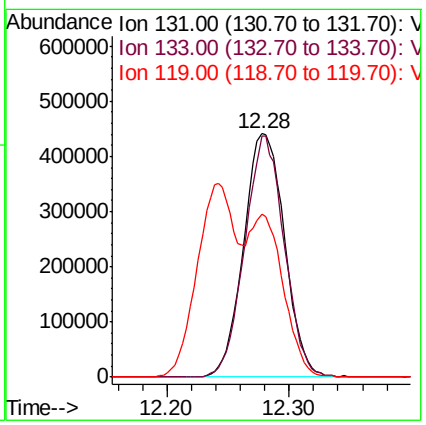


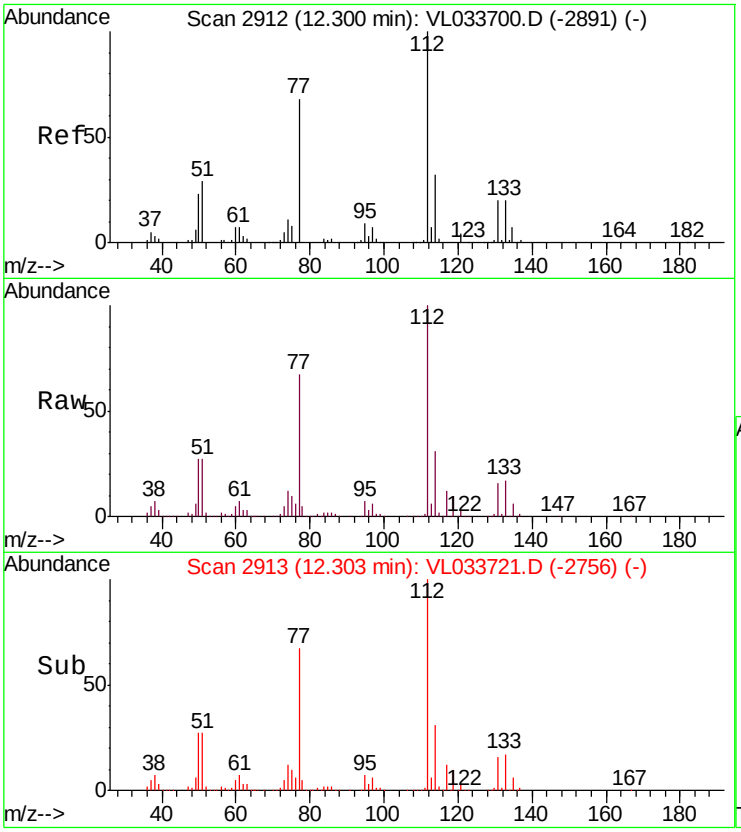


#56
1,1,1,2-Tetrachloroethane
Concen: 7.386 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:131 Resp: 1020966

Ion	Ratio	Lower	Upper
131	100		
133	95.6	76.6	114.8
119	59.2	49.0	73.4



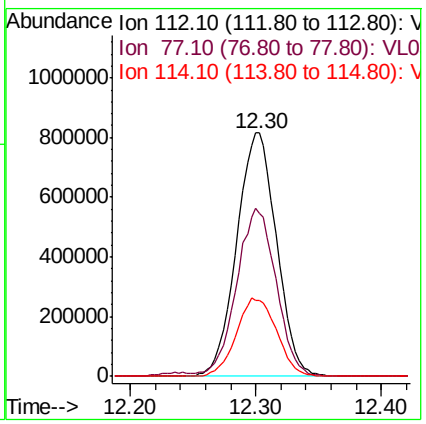


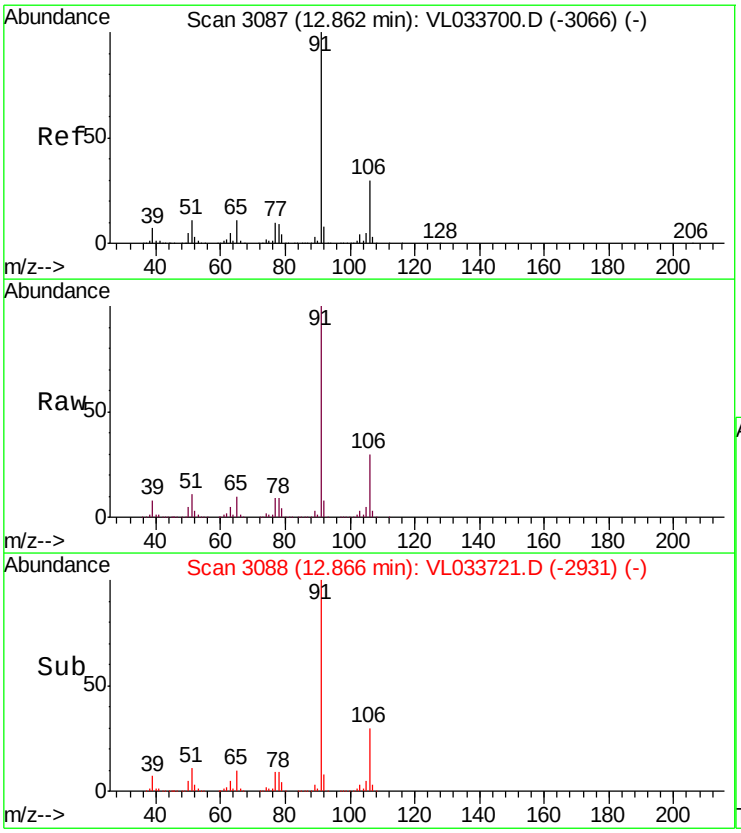
#57
Chlorobenzene
Concen: 7.296 ppbv
RT: 12.30 min Scan# 2913
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1794070

Ion	Ratio	Lower	Upper
112	100		
77	66.8	55.4	83.0
114	30.9	29.3	35.8

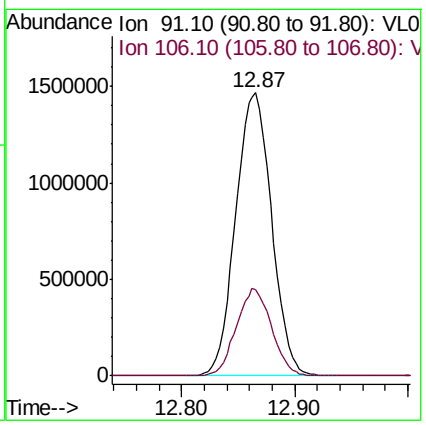


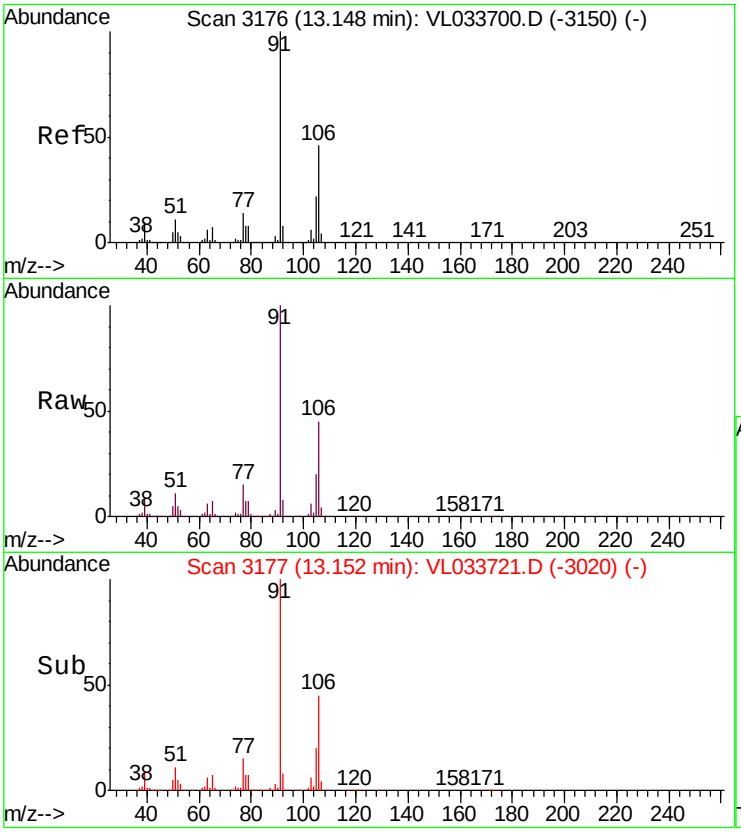


#58
Ethyl Benzene
Concen: 8.212 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 91 Resp: 3248279

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.9	35.9



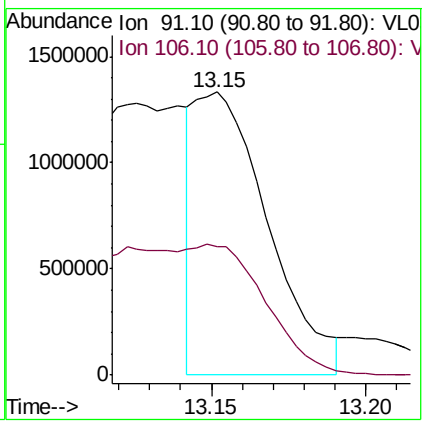


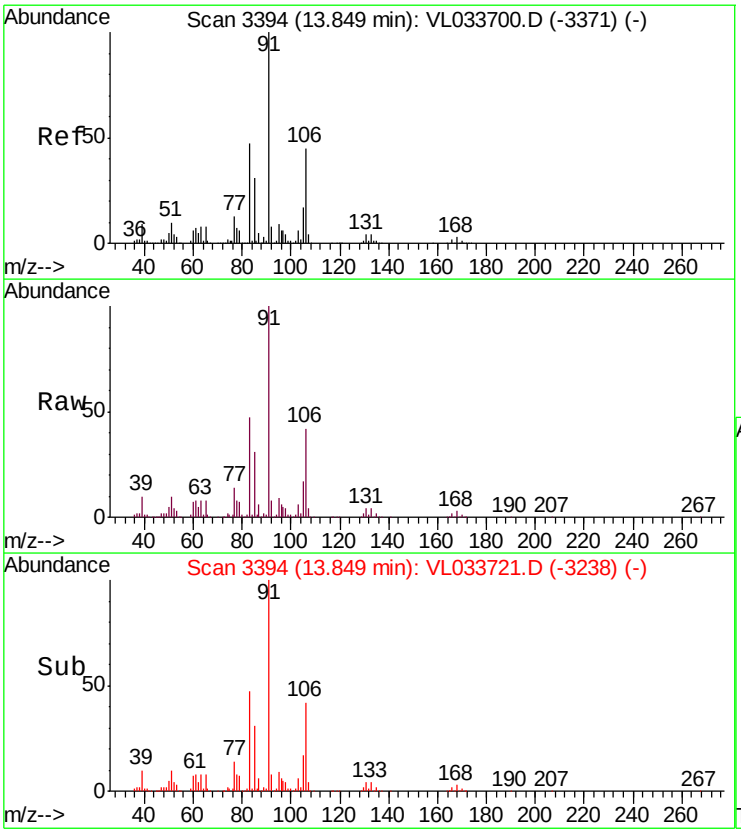
#59
m/p-Xylene
Concen: 6.332 ppbv
RT: 13.15 min Scan# 3177
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2189612

Ion	Ratio	Lower	Upper
91	100		
106	111.1	35.8	53.6#

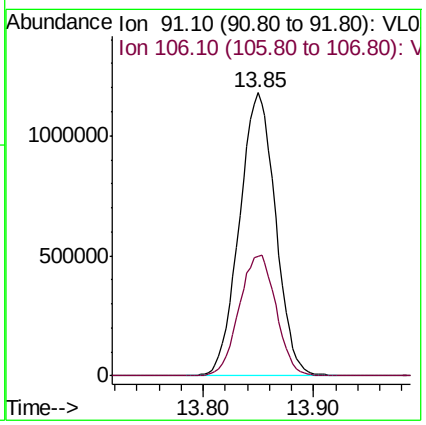


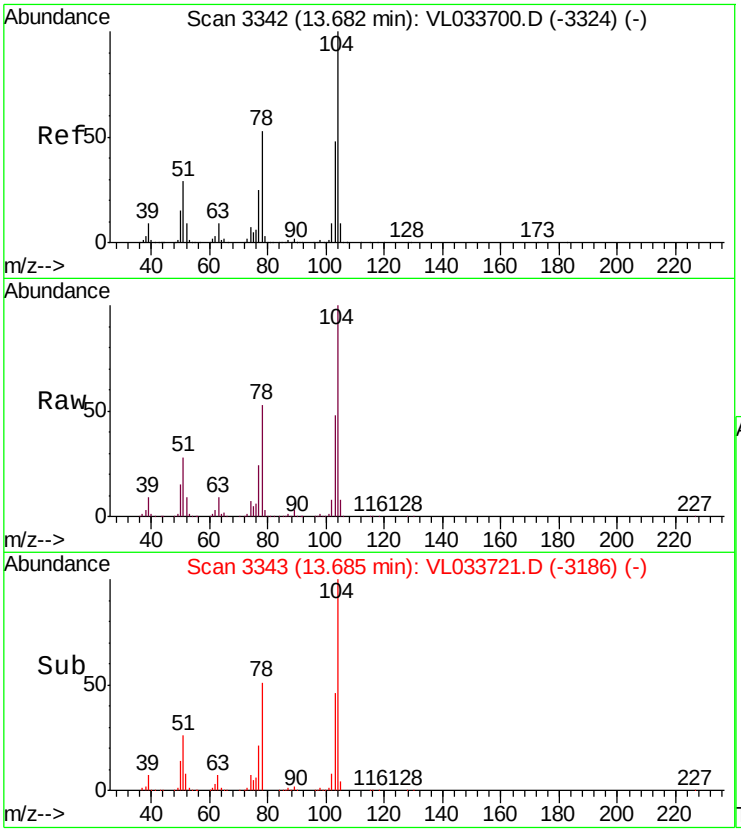


#60
o-Xylene
Concen: 7.676 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 91 Resp: 2675763

Ion	Ratio	Lower	Upper
91	100		
106	43.6	21.6	64.8



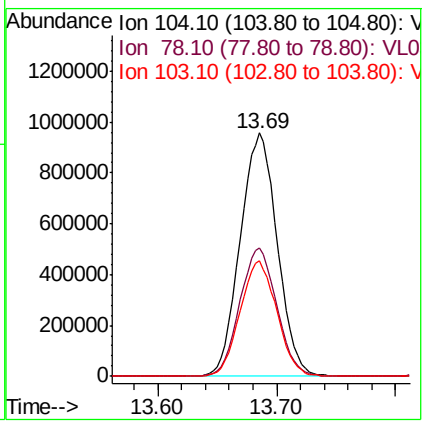


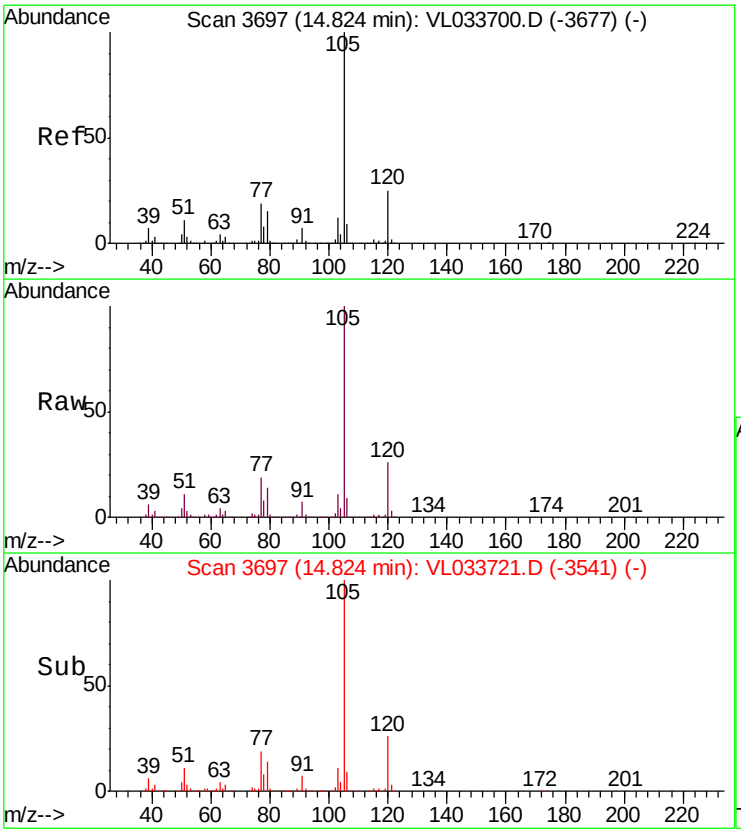
#61
Styrene
Concen: 8.790 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 2062859

Ion	Ratio	Lower	Upper
104	100		
78	52.7	42.6	64.0
103	47.3	37.8	56.6

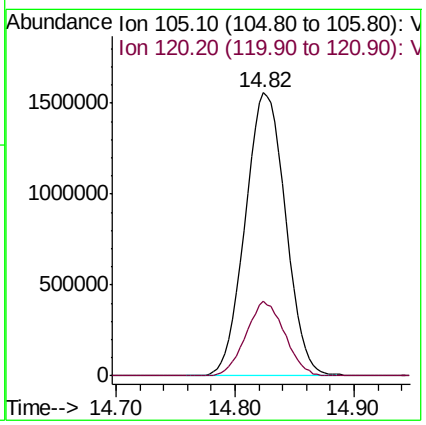


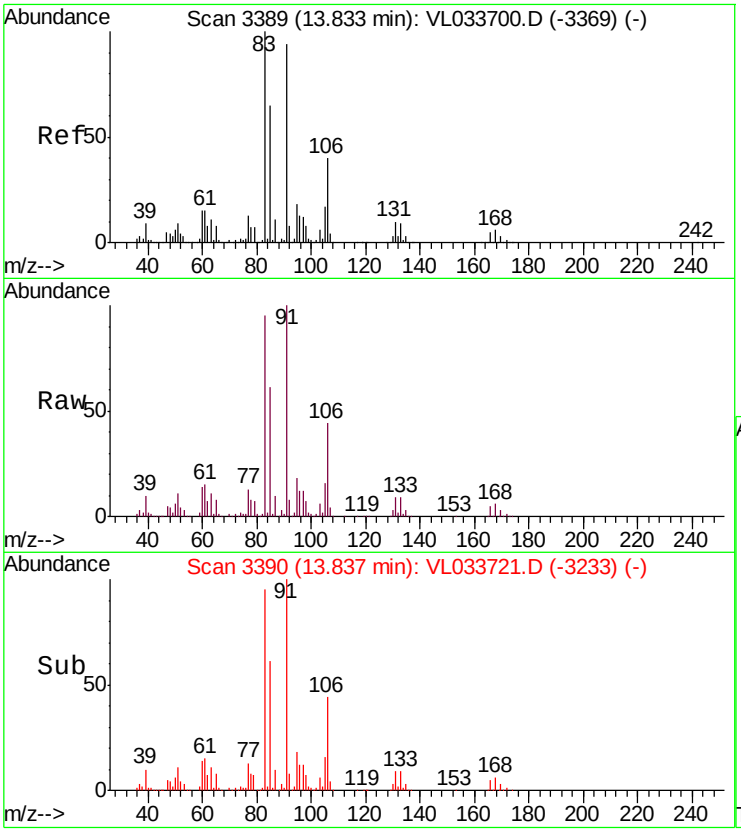


#62
Isopropylbenzene
Concen: 7.810 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:105 Resp: 3666174

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.1	30.1



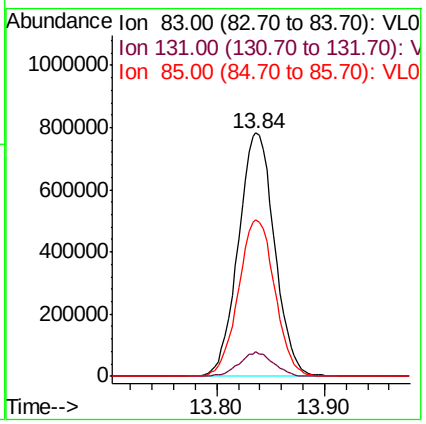


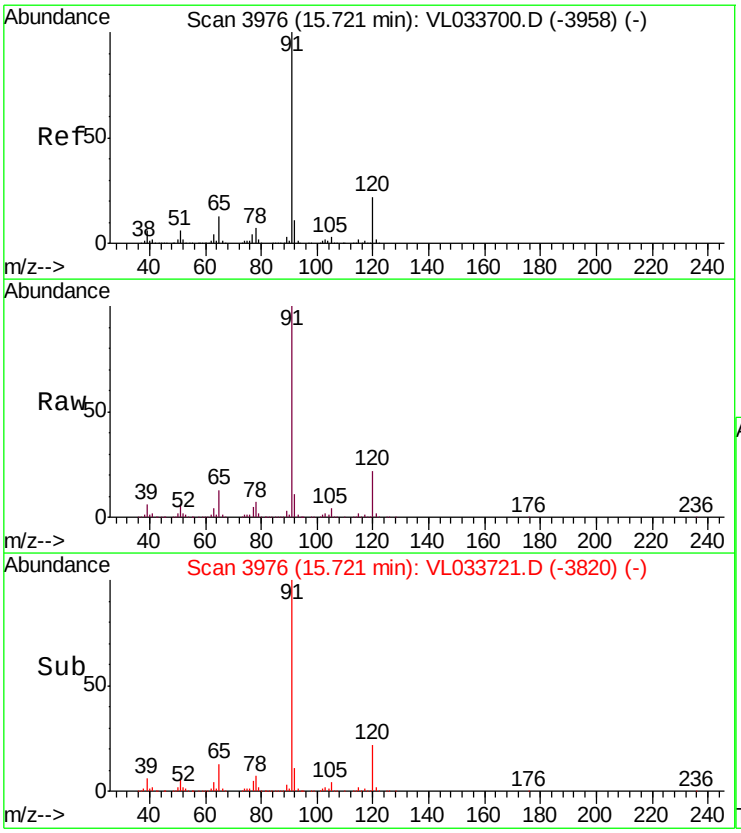
#63
1,1,2,2-Tetrachloroethane
Concen: 7.205 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1826374

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.3
85	64.8	32.3	96.9

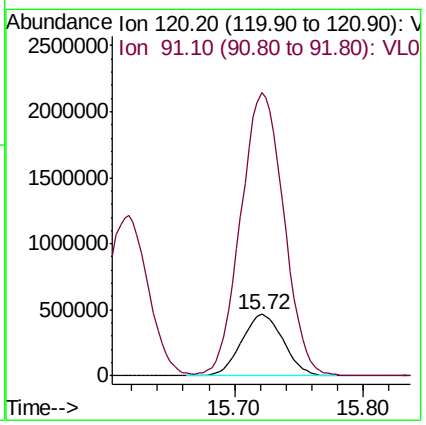


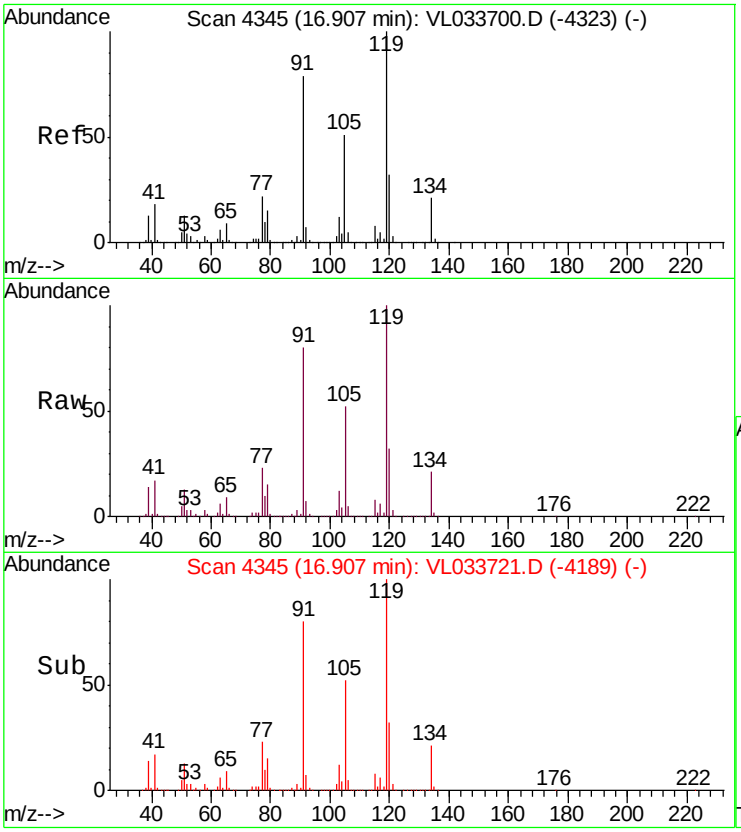


#64
n-propylbenzene
Concen: 8.709 ppbv
RT: 15.72 min Scan# 3976
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:120 Resp: 1057470

Ion	Ratio	Lower	Upper
120	100		
91	474.8	379.1	568.7



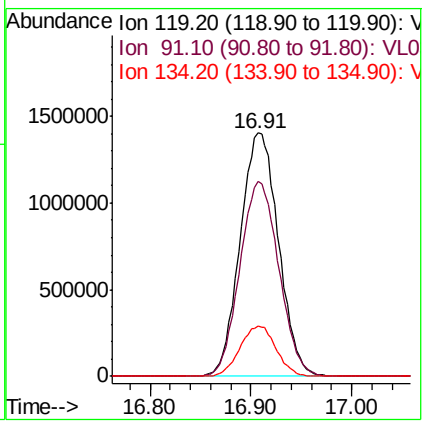


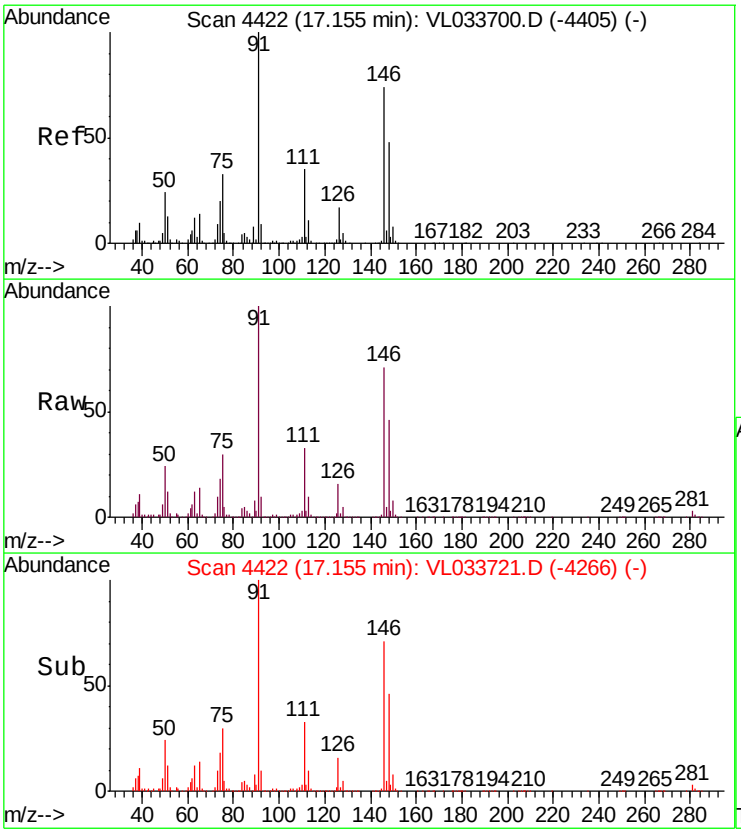
#65
tert-Butylbenzene
Concen: 8.610 ppbv
RT: 16.91 min Scan# 4345
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:119 Resp: 3690097

Ion	Ratio	Lower	Upper
119	100		
91	81.7	65.3	97.9
134	19.5	15.7	23.5

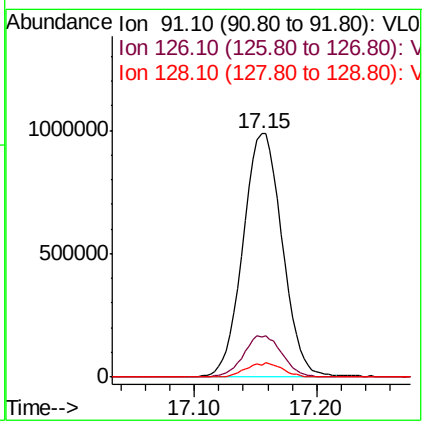


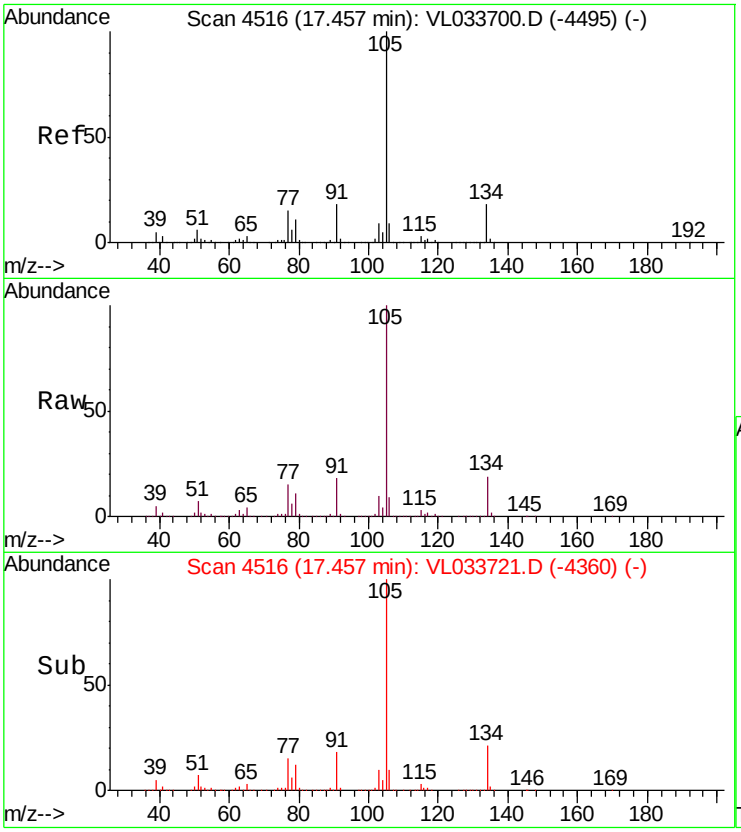


#66
Benzyl Chloride
Concen: 10.727 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 91 Resp: 2189758

Ion	Ratio	Lower	Upper
91	100		
126	16.7	13.5	20.3
128	5.6	4.3	6.5



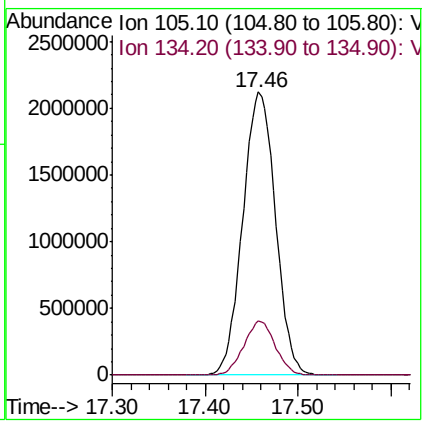


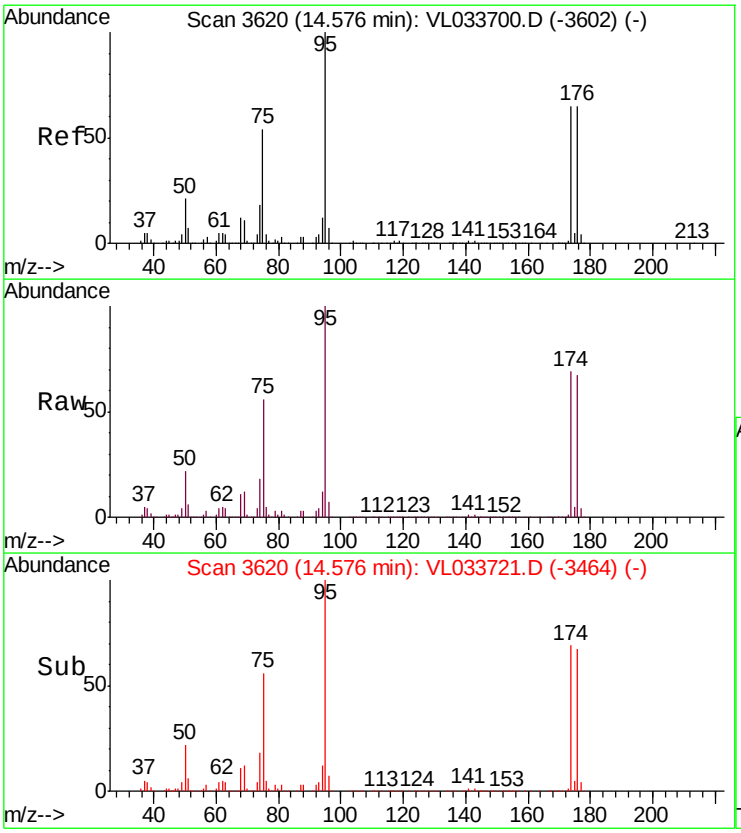
#67
sec-Butylbenzene
Concen: 8.651 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 5189840

Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.6	22.0

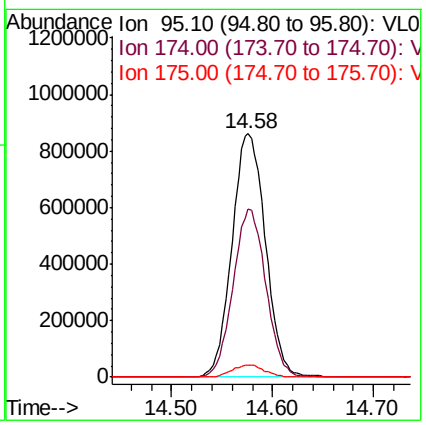


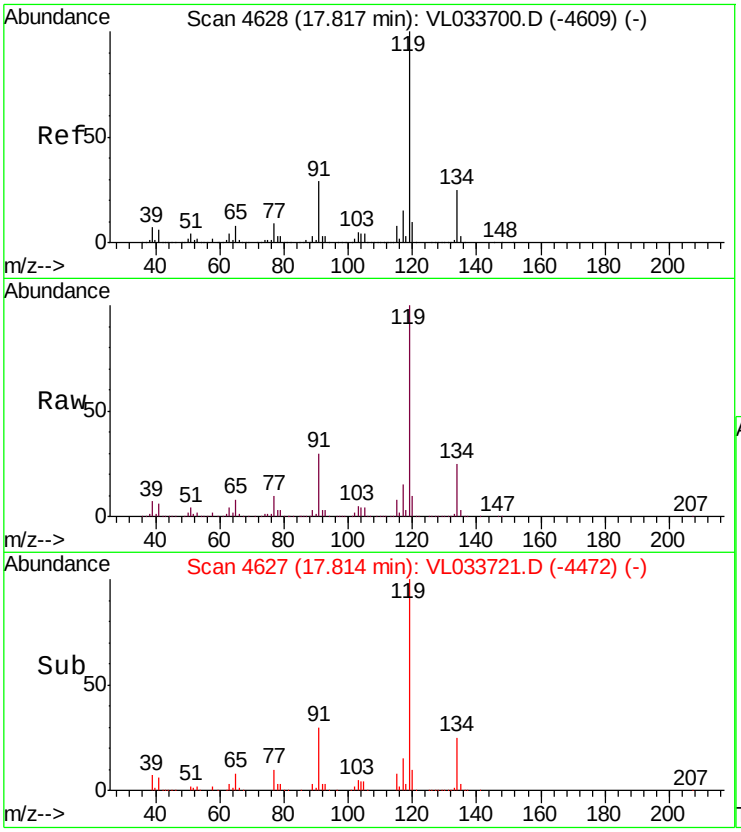


#68
1-Bromo-4-Fluorobenzene
Concen: 8.176 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 95 Resp: 1980032

Ion	Ratio	Lower	Upper
95	100		
174	67.8	53.9	80.9
175	4.9	3.8	5.8



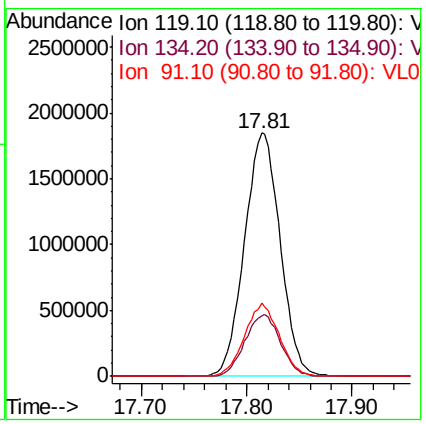


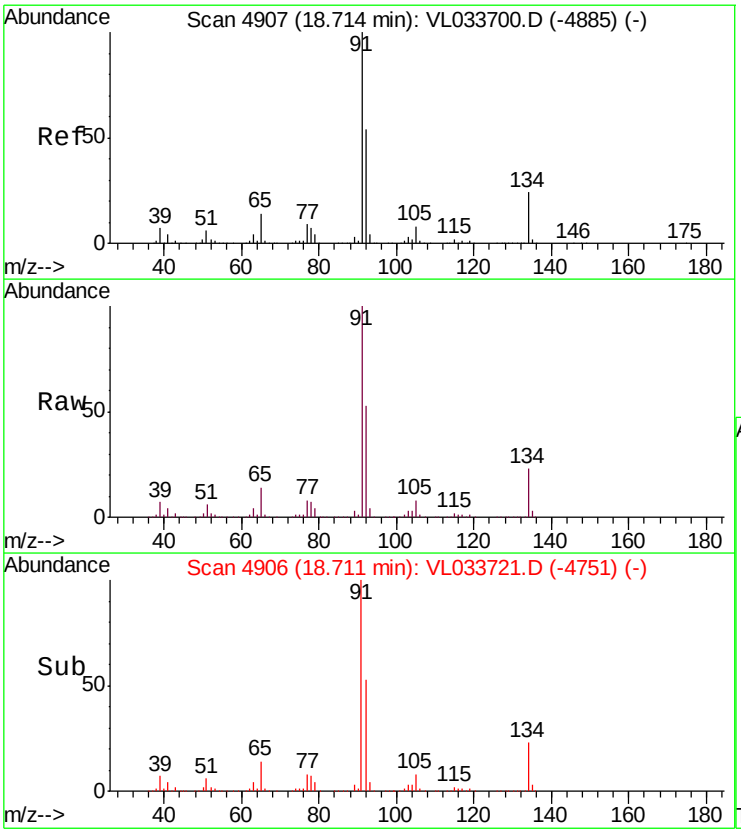
#69
p-Isopropyltoluene
Concen: 8.759 ppbv
RT: 17.81 min Scan# 4627
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4342807

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.3	30.5
91	29.2	23.1	34.7

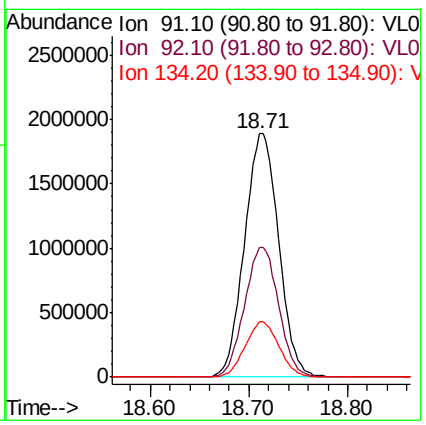


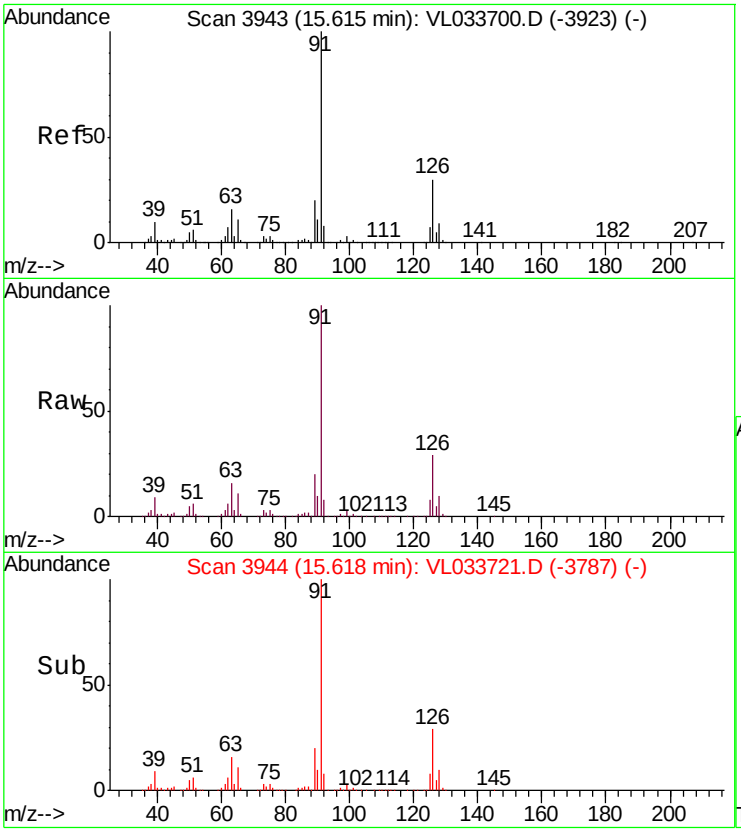


#70
n-Butylbenzene
Concen: 8.495 ppbv
RT: 18.71 min Scan# 4906
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion: 91 Resp: 4517179

Ion	Ratio	Lower	Upper
91	100		
92	53.3	42.6	63.8
134	22.5	18.1	27.1



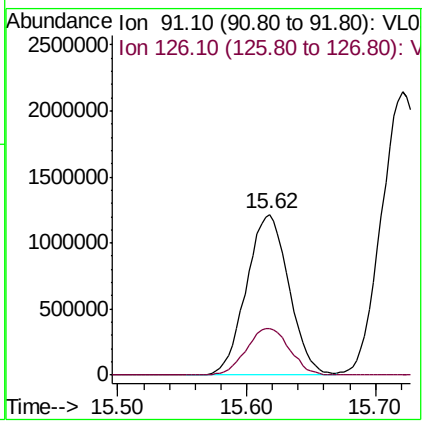


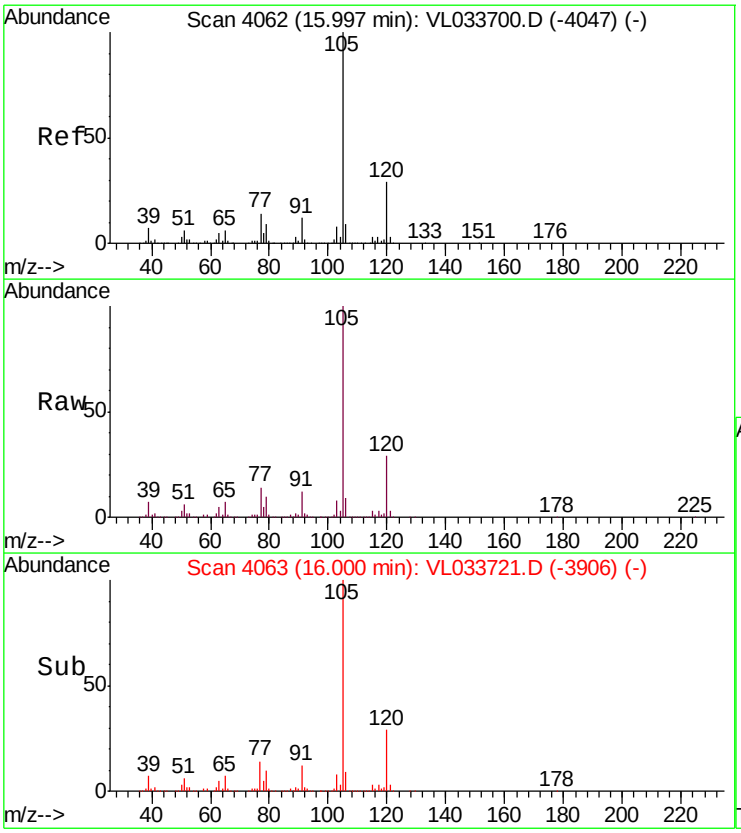
#71
2-Chlorotoluene
Concen: 8.008 ppbv
RT: 15.62 min Scan# 3944
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2788973

Ion	Ratio	Lower	Upper
91	100		
126	29.8	12.0	47.8

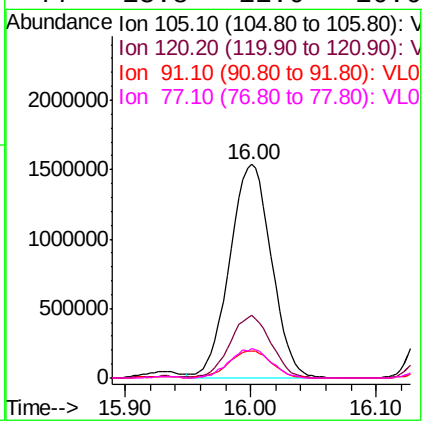


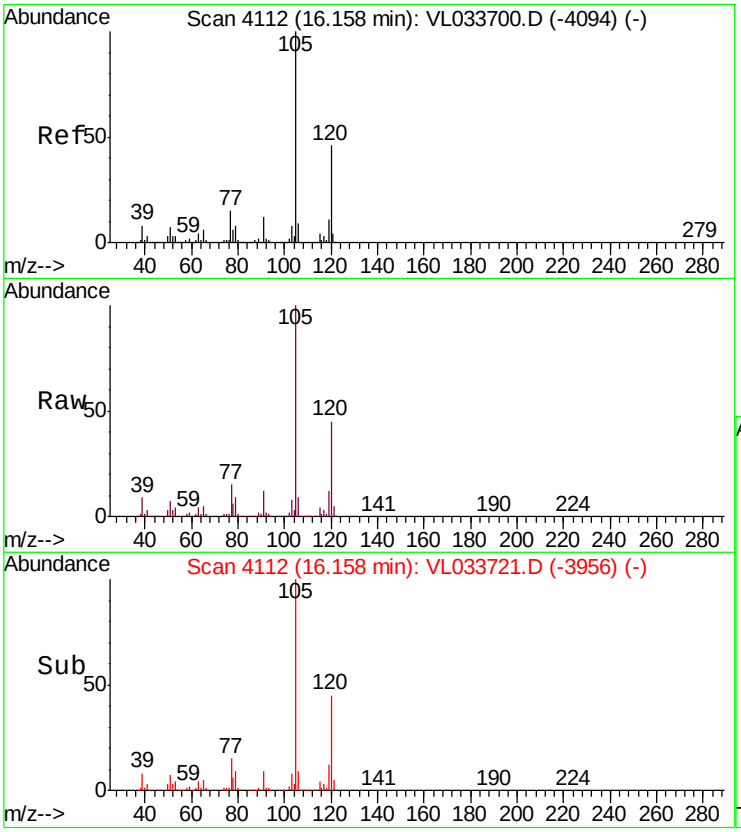


#72
4-Ethyltoluene
Concen: 8.915 ppbv
RT: 16.00 min Scan# 4063
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:105 Resp: 3553294

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.1	34.7
91	12.8	10.4	15.6
77	13.8	11.0	16.6



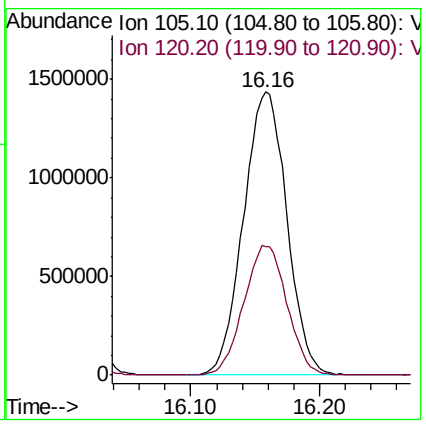


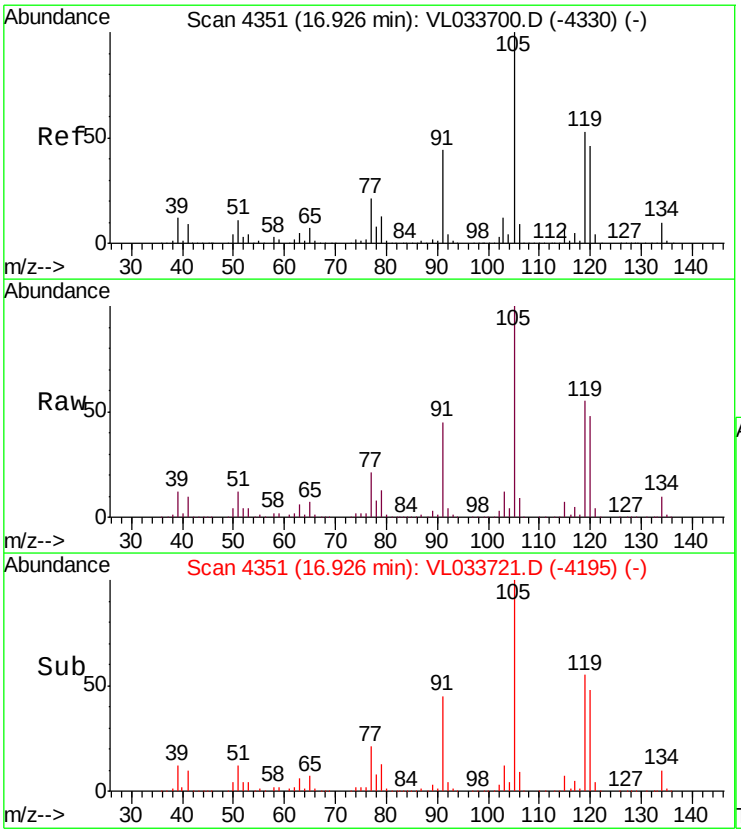
#73
1,3,5-Trimethylbenzene
Concen: 8.617 ppbv
RT: 16.16 min Scan# 4112
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3350999

Ion	Ratio	Lower	Upper
105	100		
120	45.1	37.0	55.4

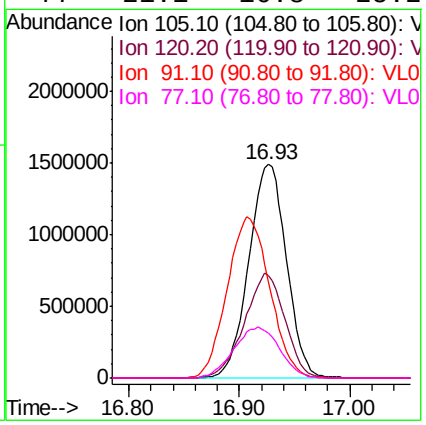


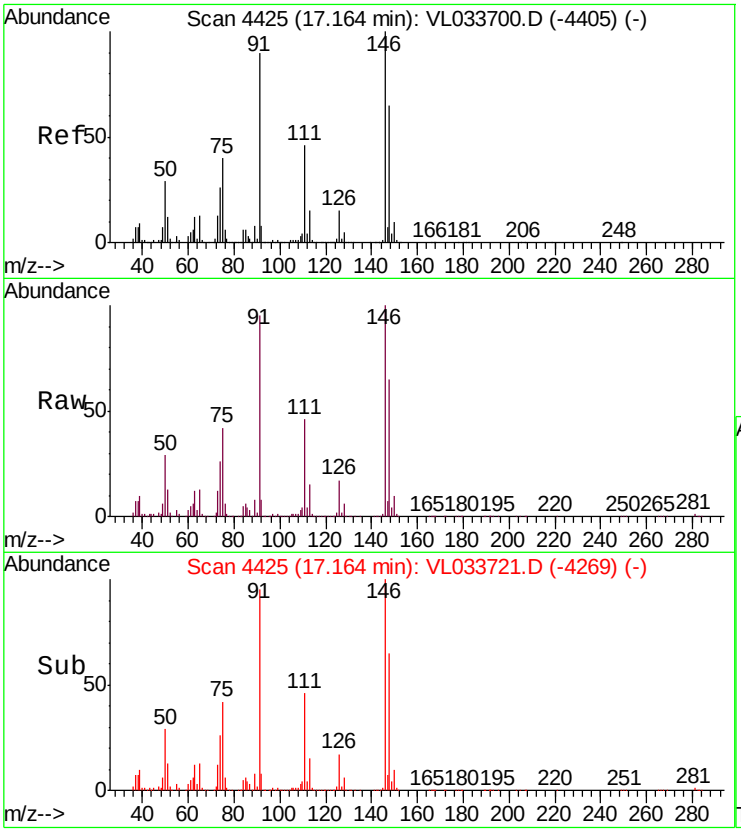


#74
1,2,4-Trimethylbenzene
Concen: 8.313 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:105 Resp: 3518304

Ion	Ratio	Lower	Upper
105	100		
120	47.7	36.8	55.2
91	44.5	35.4	53.0
77	21.1	16.8	25.2



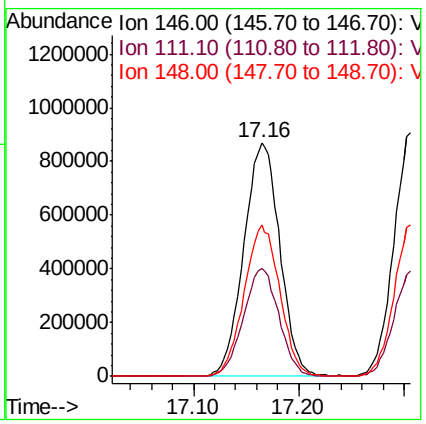


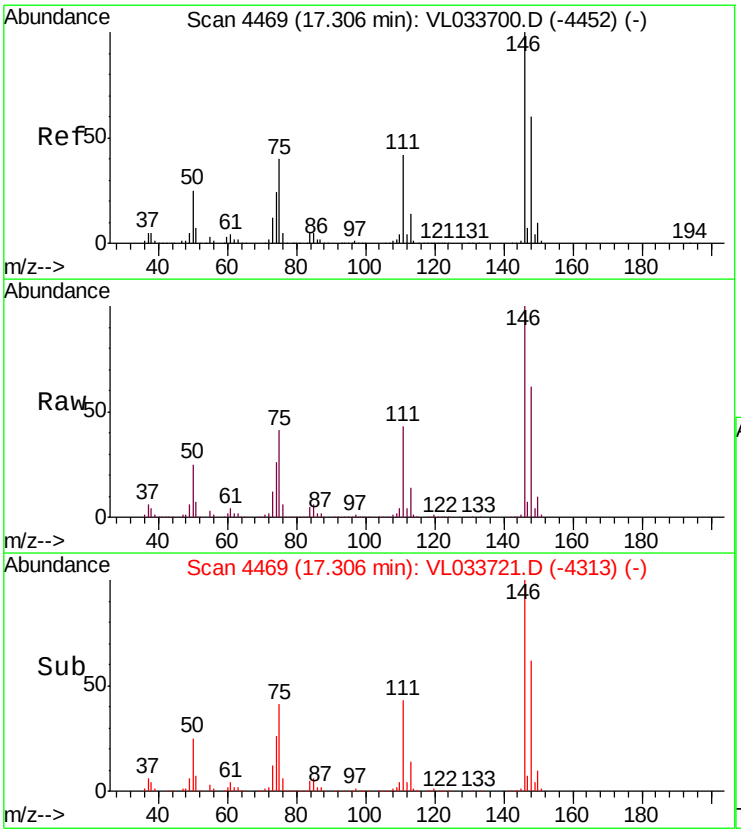
#75
1,3-Dichlorobenzene
Concen: 7.989 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 2071726

Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.9	68.8
148	64.2	32.0	96.2

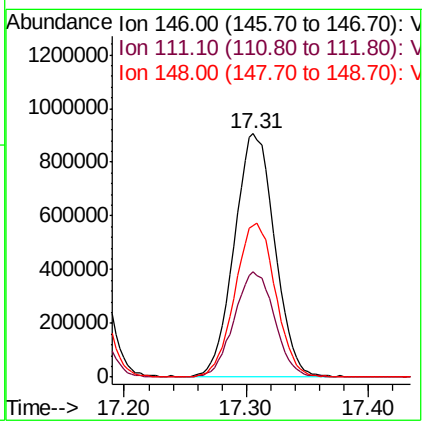


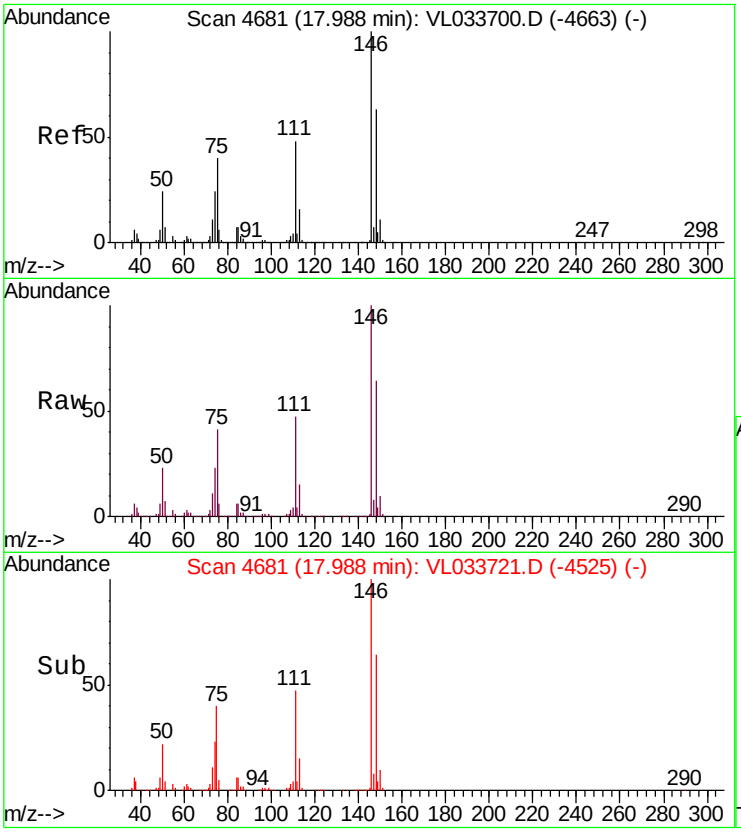


#76
1,4-Dichlorobenzene
Concen: 8.388 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:146 Resp: 2067467

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.8
148	63.7	32.1	96.3



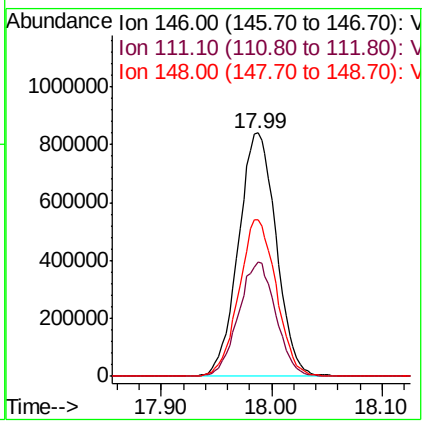


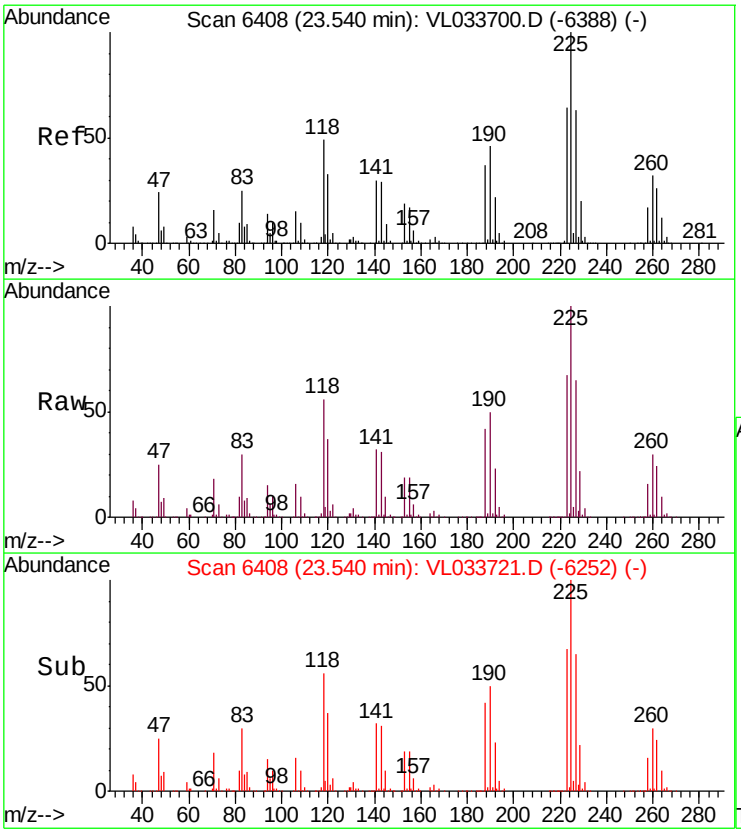
#77
1,2-Dichlorobenzene
Concen: 8.166 ppbv
RT: 17.99 min Scan# 4681
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:146 Resp: 1989983

Ion	Ratio	Lower	Upper
146	100		
111	46.4	23.5	70.5
148	63.7	32.1	96.3

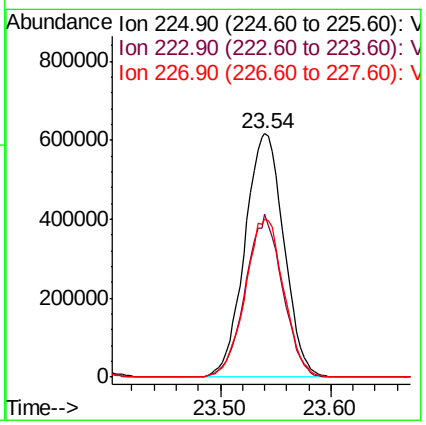


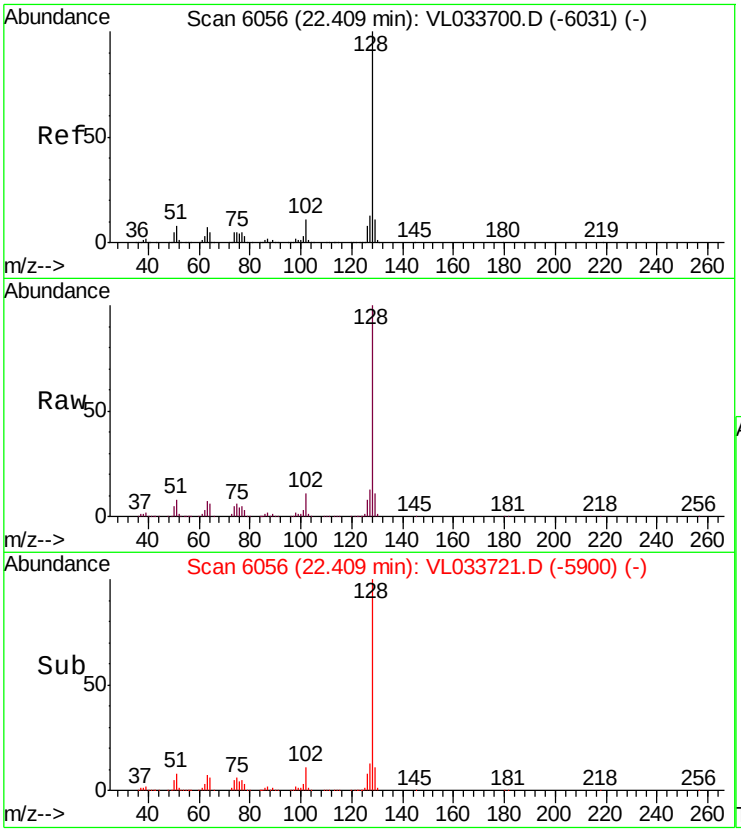


#78
Hexachloro-1,3-Butadiene
Concen: 8.205 ppbv
RT: 23.54 min Scan# 6408
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:225 Resp: 1511742

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	64.2	50.7	76.1



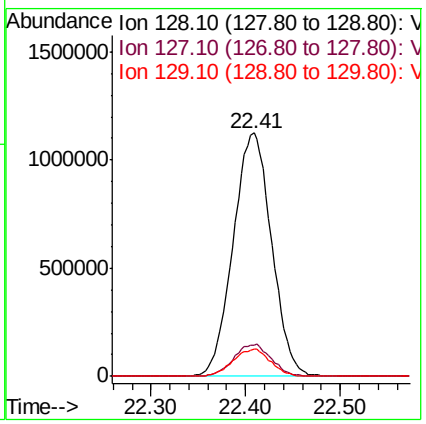


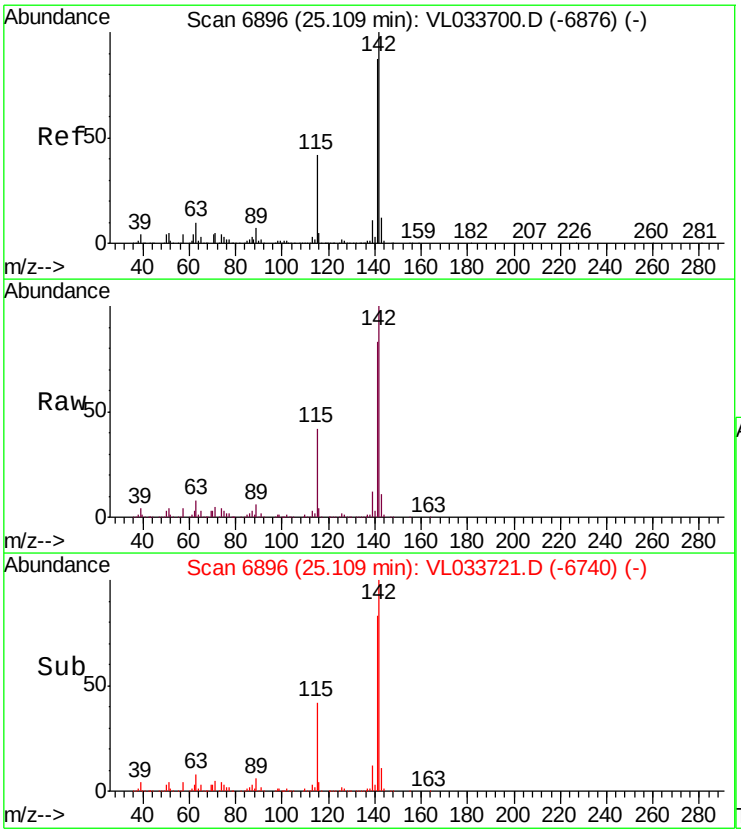
#79
Naphthalene
Concen: 8.051 ppbv
RT: 22.41 min Scan# 6056
Delta R.T. 0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 3164599

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	11.3	8.9	13.3

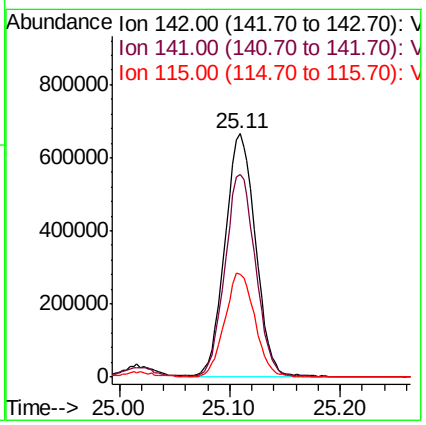


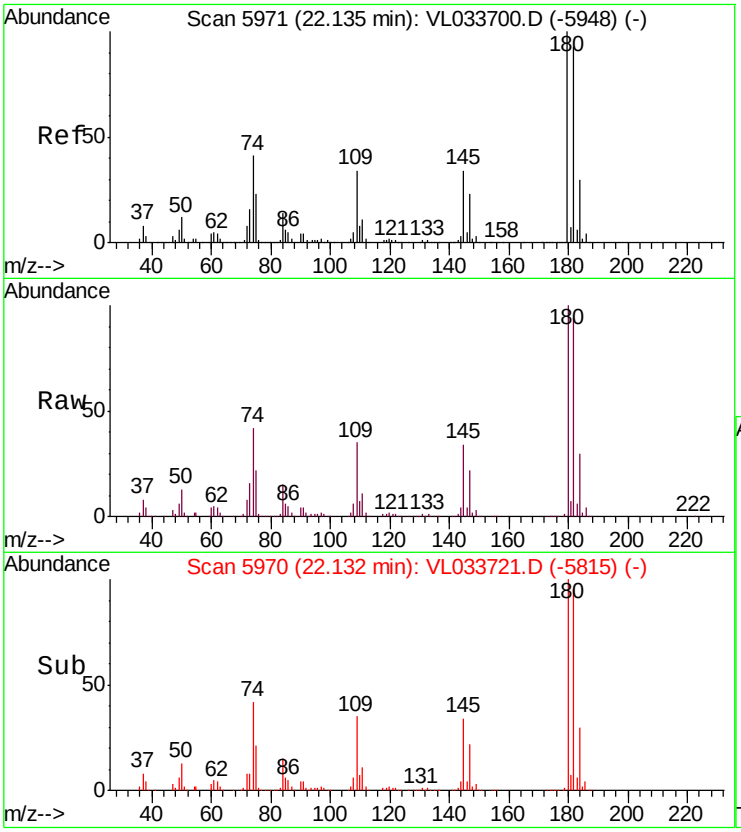


#80
Naphthalene,2-methyl-
Concen: 8.531 ppbv
RT: 25.11 min Scan# 6896
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Tgt Ion:142 Resp: 1274271

Ion	Ratio	Lower	Upper
142	100		
141	83.4	67.2	100.8
115	42.3	34.1	51.1





#81
1,2,4-Trichlorobenzene
Concen: 7.523 ppbv
RT: 22.13 min Scan# 5970
Delta R.T. -0.00 min
Lab File: VL033721.D
Acq: 20 May 2019 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1731585

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.1	114.1
184	30.5	24.6	37.0