Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035802.D
Acq On : 3 Nov 2020 12:25
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 03 14:07:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1356197	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	5715152	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	5317210	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3862101	9.69	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	164505	0.739	ppbv		95
3) Chlorodifluoromethane	2.98	51	86961	0.596	ppbv		100
4) Chloromethane	3.13	50	41007	0.523	ppbv		100
5) Vinyl Chloride	3.25	62	50139	0.541	ppbv		94
6) Bromomethane	3.47	94	39811	0.508	ppbv		93
7) Chloroethane	3.55	64	16026	0.471	ppbv		99
8) Dichlorotetrafluoroethane	3.18	85	156660	0.580	ppbv		97
9) Propene	3.01	41	30976	0.585	ppbv	#	81
10) Heptane	8.12	43	86757	0.587	ppbv		96
11) Trichlorofluoromethane	3.94	101	172049	0.542	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	127800	0.540	ppbv		96
13) Ethanol	3.62	45	8696	0.666	ppbv		67
14) Bromoethene	3.73	108	57321	0.575	ppbv	#	91
15) Acetone	3.86	43	83847	0.575	ppbv	#	85
16) 1,3-Butadiene	3.32	39	34179	0.640	ppbv		96
18) 1,1-Dichloroethene	4.29	96	56442	0.545	ppbv		92
19) Isopropyl Alcohol	3.97	45	53372	0.672	ppbv	#	1
20) Methylene Chloride	4.34	84	62374	0.582	ppbv		95
21) Allyl Chloride	4.40	41	37642	0.532	ppbv	#	82
22) trans-1,2-Dichloroethene	4.88	96	50502	0.461	ppbv		95
23) Vinyl Acetate	5.07	43	122772	0.687	ppbv		98
24) 1,1-Dichloroethane	5.01	63	102592	0.527	ppbv		99
25) Ethyl Acetate	5.68	43	148529	0.566	ppbv	#	96
26) Hexane	5.68	57	87124	0.605	ppbv		97
27) Carbon Disulfide	4.55	76	117728	0.549	ppbv	#	97
28) Methyl tert-Butyl Ether	5.04	73	153276	0.672	ppbv		100
29) Chloroform	5.74	83	166365	0.569	ppbv		90
30) Cyclohexane	7.13	84	91664	0.646	ppbv		88
31) cis-1,2-Dichloroethene	5.54	61	84393	0.608	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	162424	0.631	ppbv		99
34) 2-Butanone	5.25	43	99628	0.527	ppbv		94
35) Carbon Tetrachloride	7.02	117	155087	0.520	ppbv		97
36) Benzene	6.88	78	232662	0.625	ppbv	#	96
37) 1,2-Dichloroethane	6.30	62	100579	0.518	ppbv		97
38) Trichloroethene	7.83	130	50023	0.269	ppbv		99
39) 1,2-Dichloropropane	7.61	63	34730	0.257	ppbv		89
40) 1,4-Dioxane	7.86	88	21577	0.350	ppbv	#	1
41) Tetrahydrofuran	6.07	42	53730	0.564	ppbv		91
42) Bromodichloromethane	7.79	83	170373	0.545	ppbv		92
43) Methyl Methacrylate	8.01	69	84893	0.573	ppbv		95
44) 2,2,4-Trimethylpentane	7.87	57	313597	0.587	ppbv		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035802.D
Acq On : 3 Nov 2020 12:25
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 03 14:07:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) t-1,3-Dichloropropene	9.28	75	81753	0.547 ppbv	95
46) cis-1,3-Dichloropropene	8.70	75	111833	0.607 ppbv	92
47) 1,1,2-Trichloroethane	9.47	97	106354	0.550 ppbv	96
48) Dibromochloromethane	10.30	129	149153	0.507 ppbv	100
49) Bromoform	13.04	173	124509	0.499 ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	147510	0.534 ppbv	99
51) 2-Hexanone	10.15	43	52908	0.238 ppbv #	21
52) Tetrachloroethene	11.22	164	106691	0.596 ppbv	98
53) Toluene	9.81	91	286471	0.652 ppbv	99
54) 1,2-Dibromoethane	10.61	107	158474	0.547 ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	132670	0.595 ppbv #	1
57) Chlorobenzene	12.14	112	248060	0.618 ppbv	95
58) Ethyl Benzene	12.71	91	377269	0.707 ppbv	98
59) m/p-Xylene	13.00	91	341606	0.733 ppbv #	37
60) o-Xylene	13.69	91	309712	0.657 ppbv	100
61) Styrene	13.53	104	218083	0.669 ppbv	97
62) Isopropylbenzene	14.67	105	513214	0.702 ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.68	83	220031	0.569 ppbv	99
64) n-propylbenzene	15.57	120	143559	0.671 ppbv	79
65) tert-Butylbenzene	16.75	119	471262	0.709 ppbv	94
66) Benzyl Chloride	17.00	91	82684	0.410 ppbv #	55
67) sec-Butylbenzene	17.30	105	643637	0.701 ppbv	96
69) p-Isopropyltoluene	17.66	119	538608	0.721 ppbv	95
70) n-Butylbenzene	18.56	91	510434	0.664 ppbv	98
71) 2-Chlorotoluene	15.46	91	374574	0.702 ppbv	99
72) 4-Ethyltoluene	15.85	105	394727	0.707 ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	354293	0.671 ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	390431	0.656 ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	237791	0.585 ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	233798	0.602 ppbv	97
77) 1,2-Dichlorobenzene	17.83	146	238459	0.622 ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	74065	0.350 ppbv #	64
79) Naphthalene	22.22	128	264965	0.467 ppbv	99
80) Naphthalene,2-methyl-	25.00	142	34559	0.258 ppbv	95
81) 1,2,4-Trichlorobenzene	21.94	180	145474	0.495 ppbv	99

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

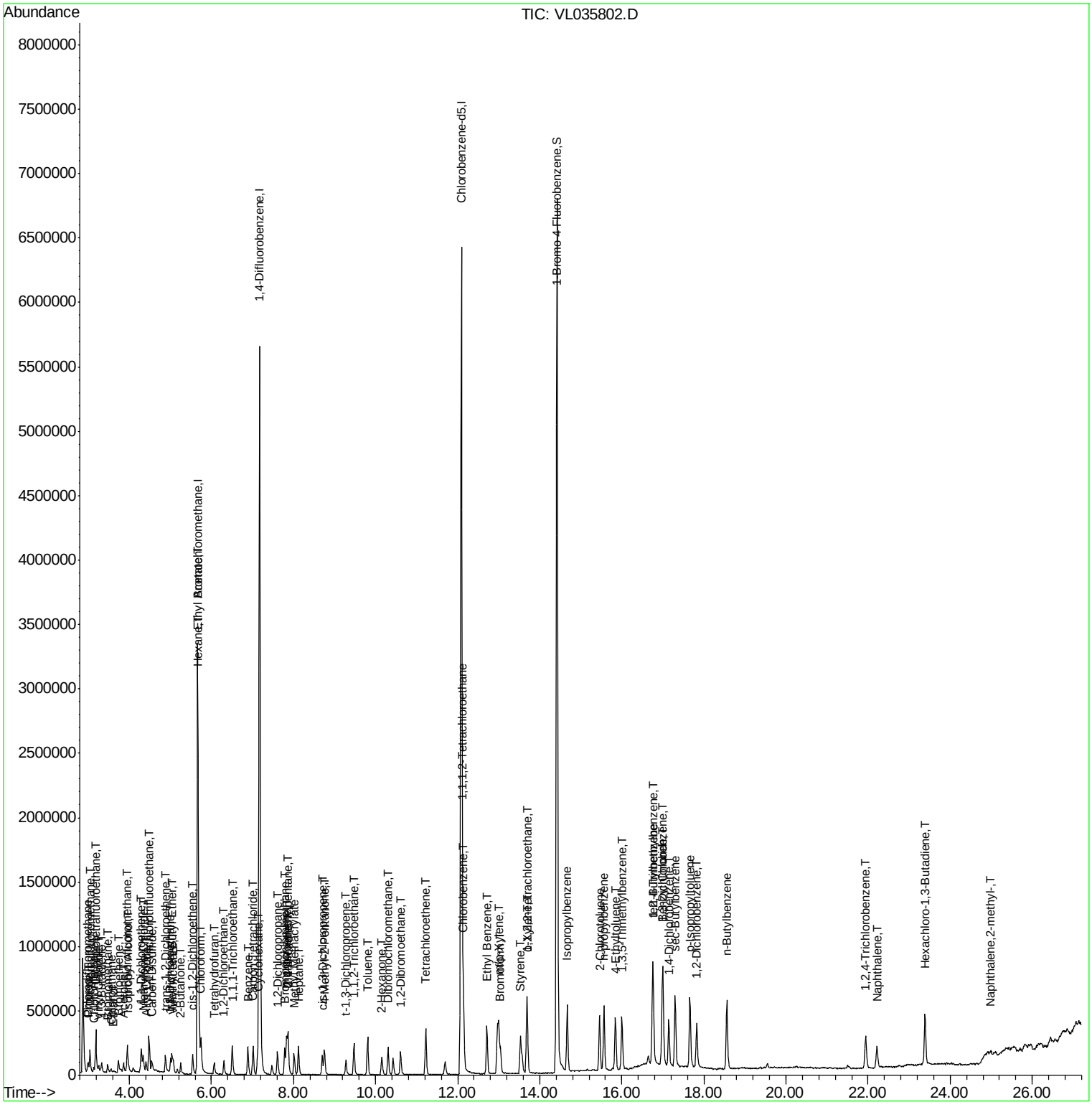
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

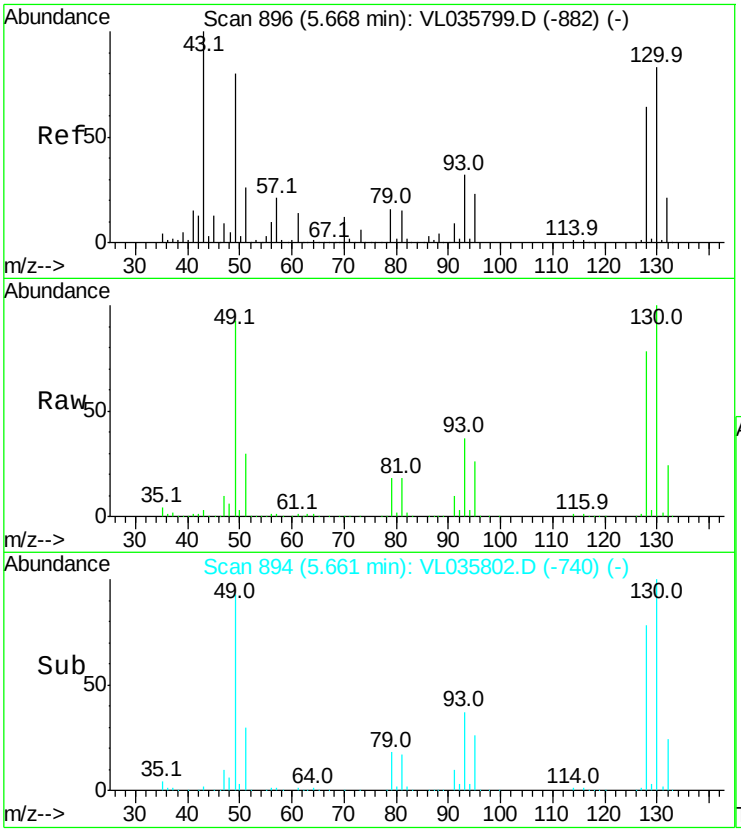
Quantitation Report (Not Reviewed)

Data File : VL035802.D
Acq On : 3 Nov 2020 12:25
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 03 14:07:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration



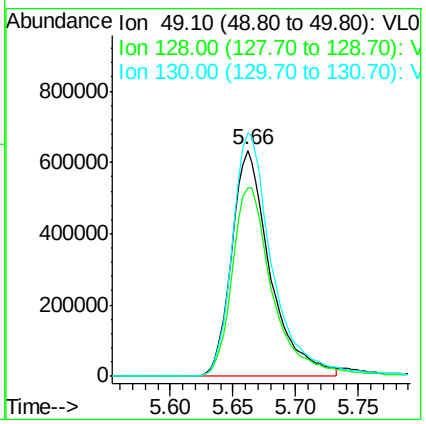


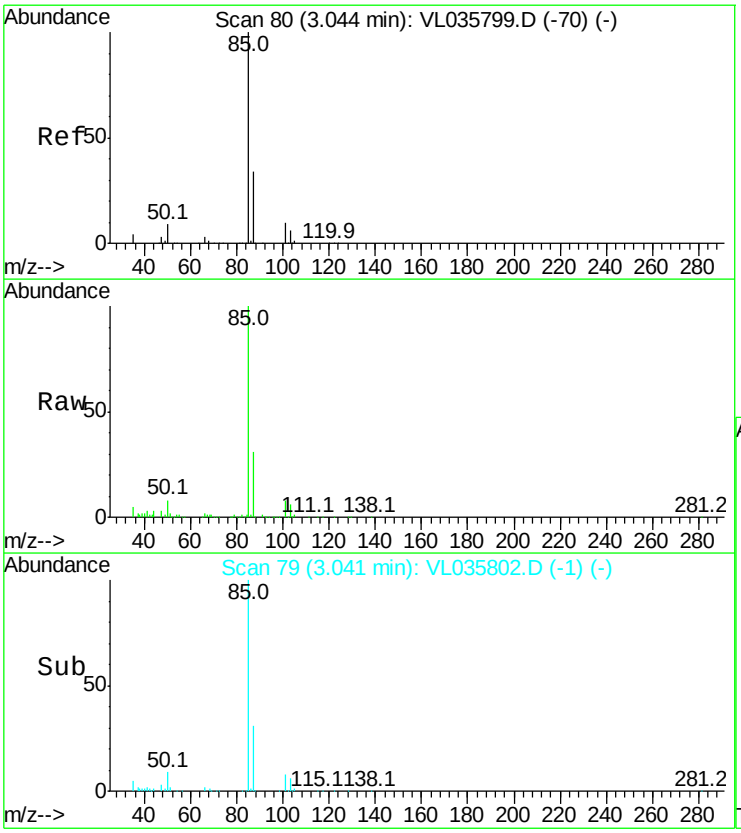
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1356197

Ion	Ratio	Lower	Upper
49	100		
128	89.5	41.5	124.6
130	113.8	53.7	161.1

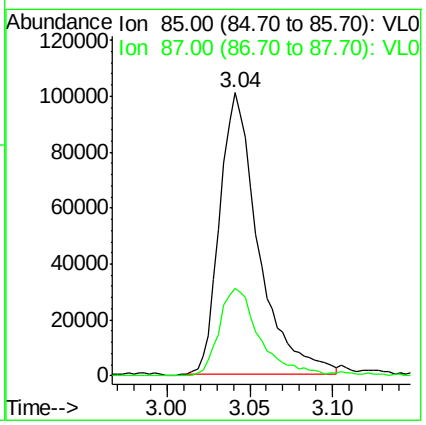


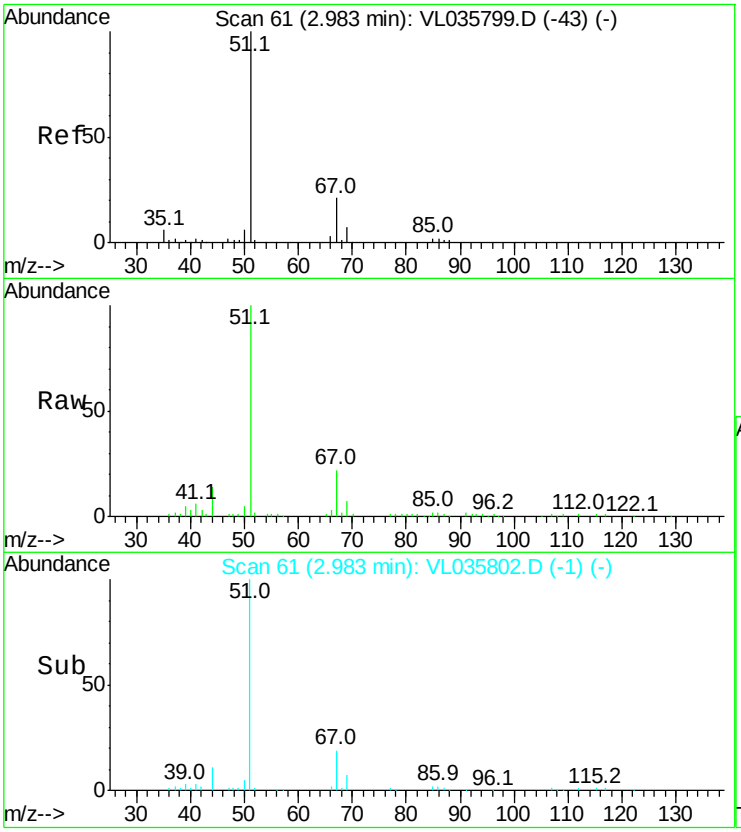


#2
Dichlorodifluoromethane
Concen: 0.739 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 85 Resp: 164505

Ion	Ratio	Lower	Upper
85	100		
87	31.1	27.1	40.7



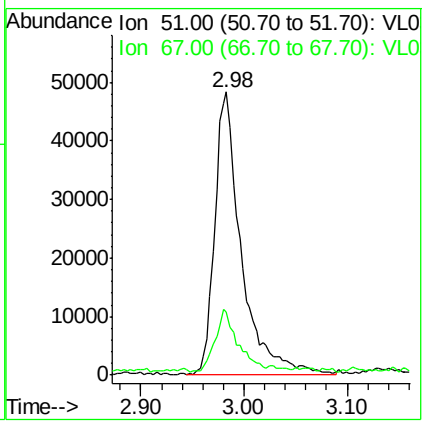


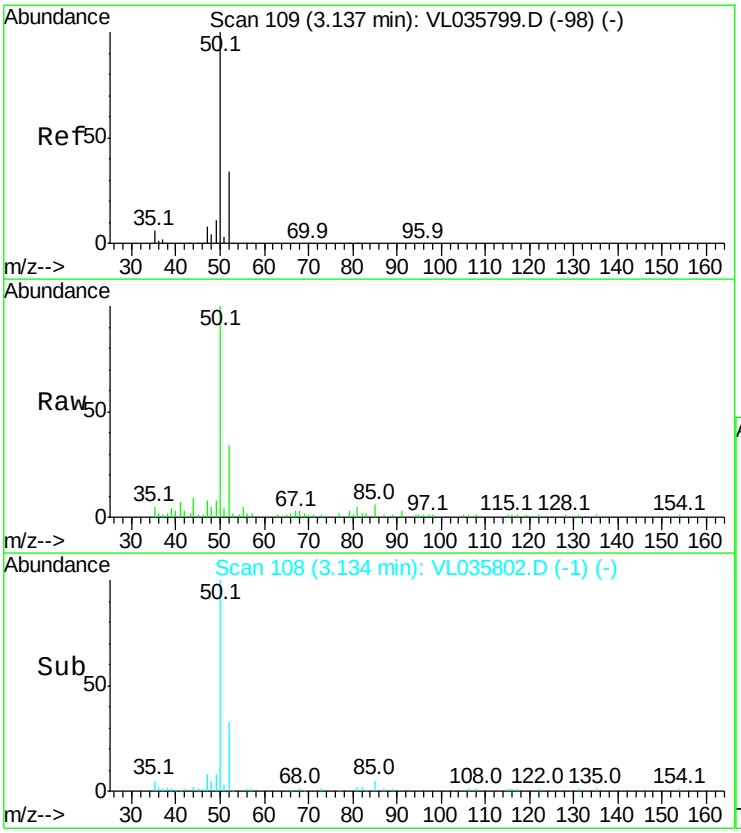
#3
Chlorodifluoromethane
Concen: 0.596 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 86961

Ion	Ratio	Lower	Upper
51	100		
67	21.1	17.0	25.4

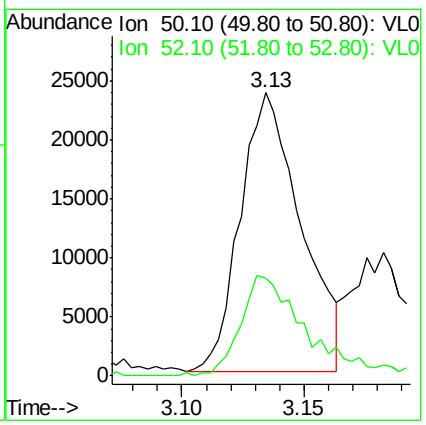


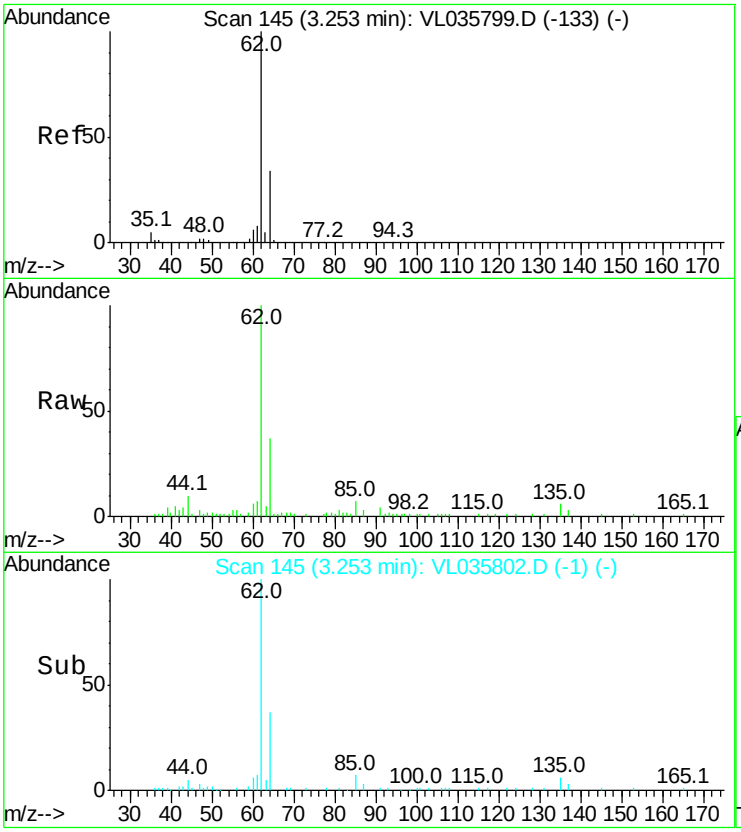


#4
Chloromethane
Concen: 0.523 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 50 Resp: 41007

Ion	Ratio	Lower	Upper
50	100		
52	33.8	27.1	40.7



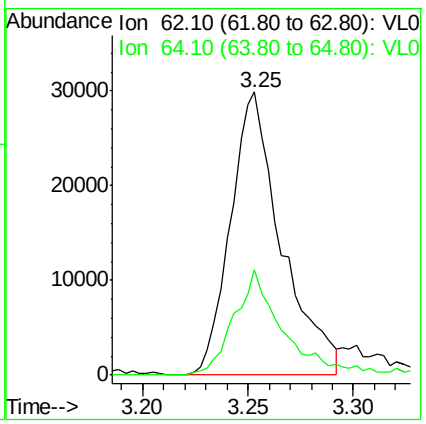


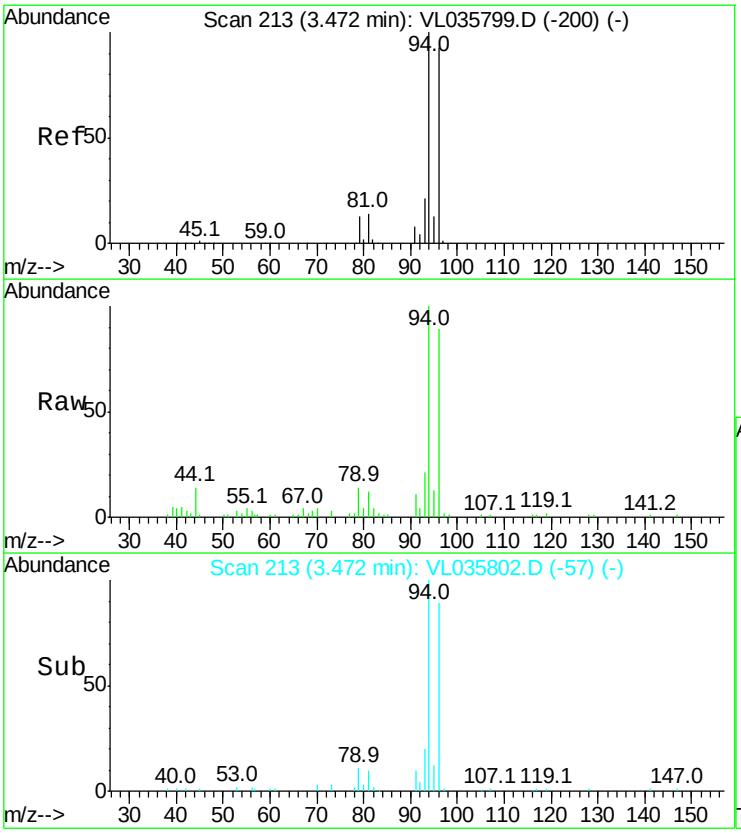
#5
Vinyl Chloride
Concen: 0.541 ppbv
RT: 3.25 min Scan# 145
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 50139

Ion	Ratio	Lower	Upper
62	100		
64	37.1	26.9	40.3

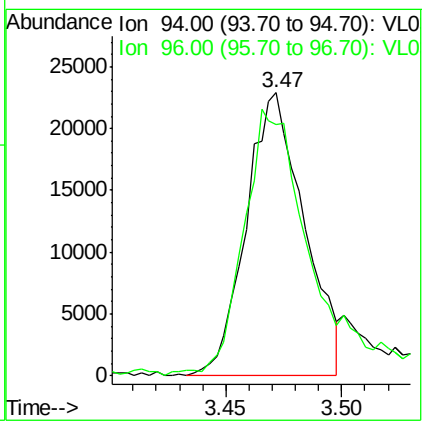


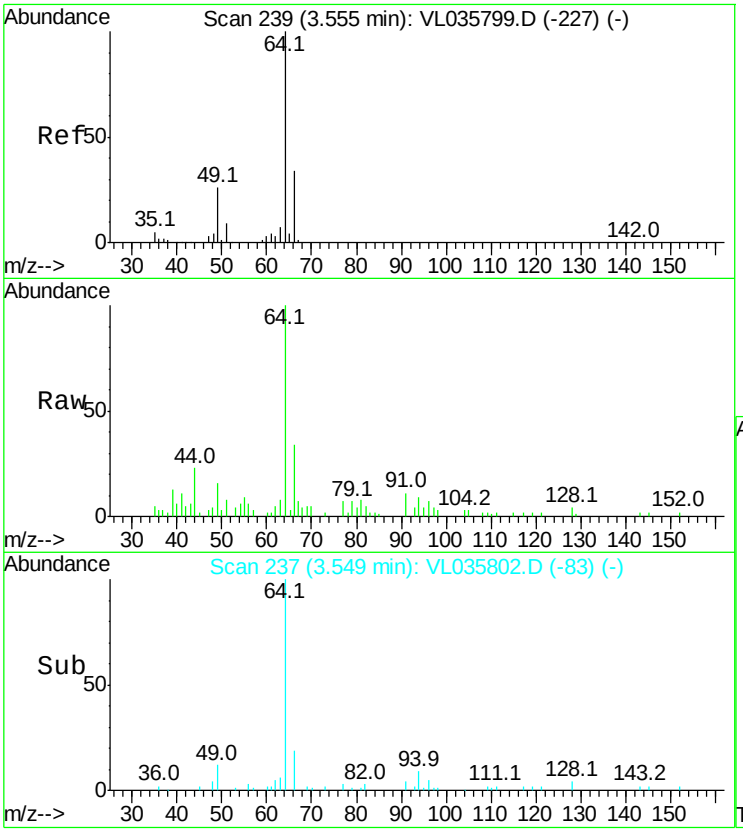


#6
Bromomethane
Concen: 0.508 ppbv
RT: 3.47 min Scan# 213
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 94 Resp: 39811

Ion	Ratio	Lower	Upper
94	100		
96	86.6	74.6	111.8



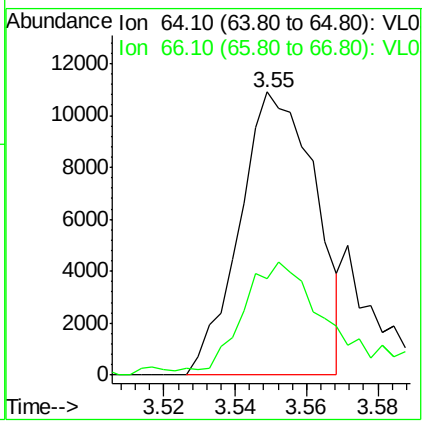


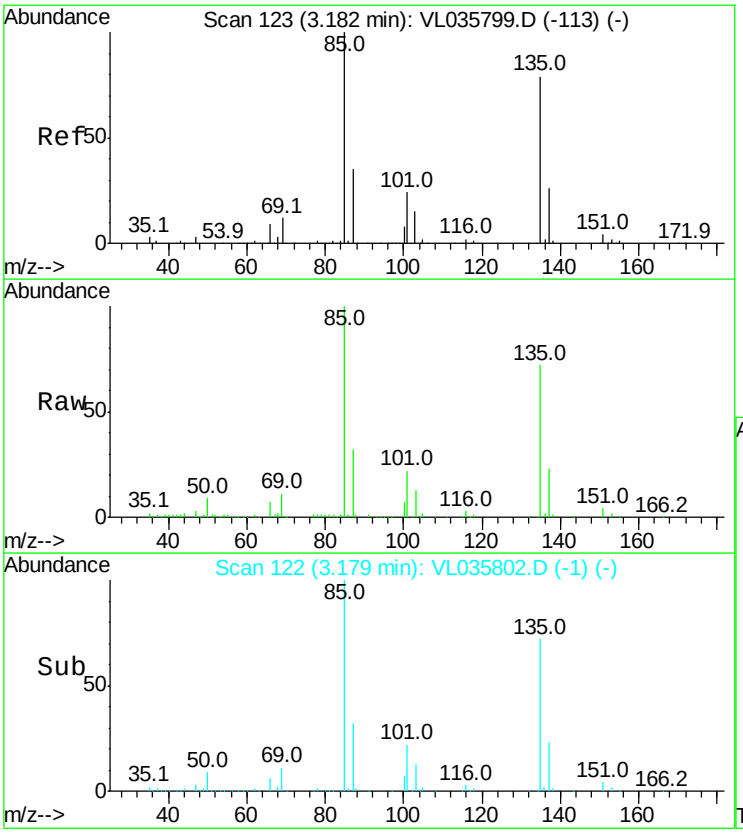
#7
Chloroethane
Concen: 0.471 ppbv
RT: 3.55 min Scan# 237
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 16026

Ion	Ratio	Lower	Upper
64	100		
66	34.3	27.0	40.6

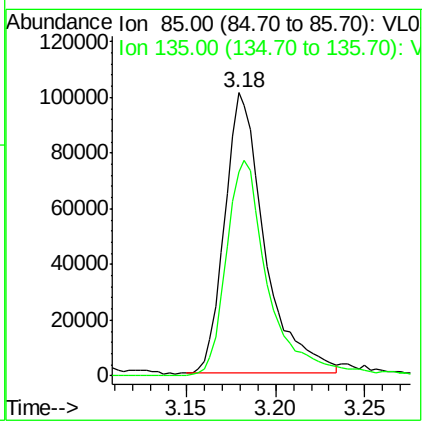


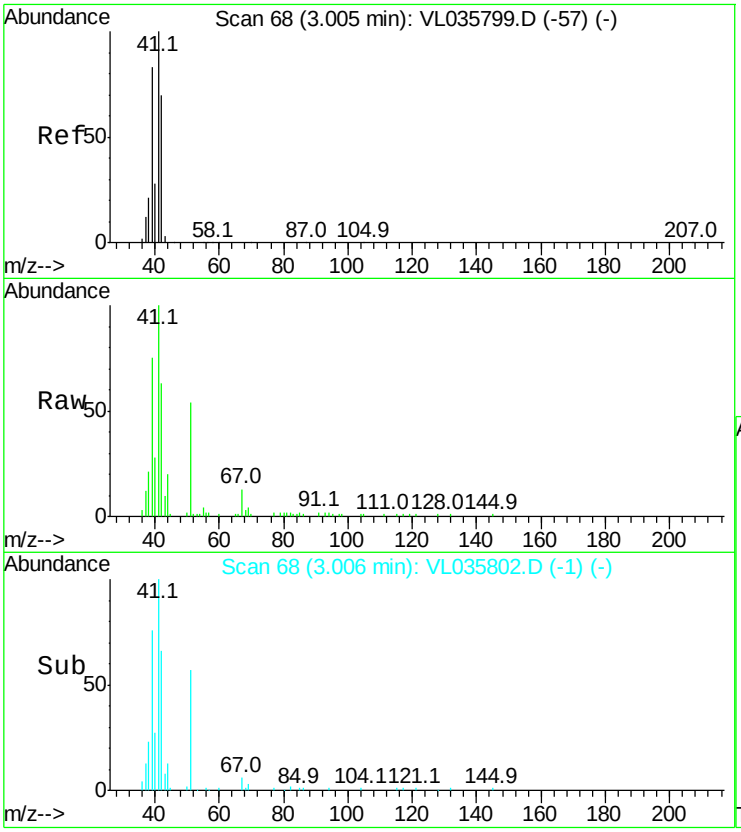


#8
Dichlorotetrafluoroethane
Concen: 0.580 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 85 Resp: 156660

Ion	Ratio	Lower	Upper
85	100		
135	83.1	64.6	96.8



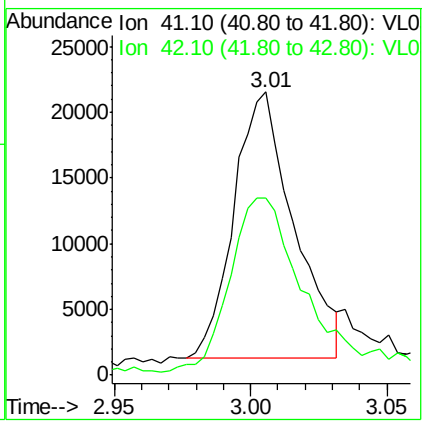


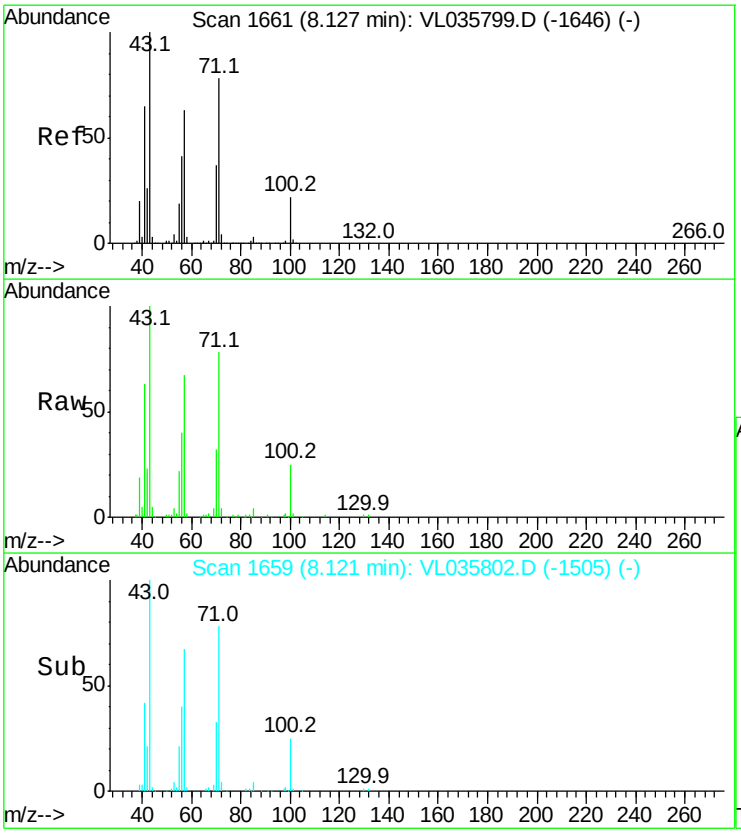
#9
Propene
Concen: 0.585 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 30976

Ion	Ratio	Lower	Upper
41	100		
42	85.9	56.2	84.4#

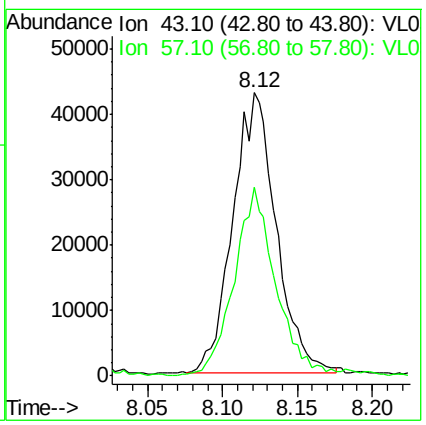


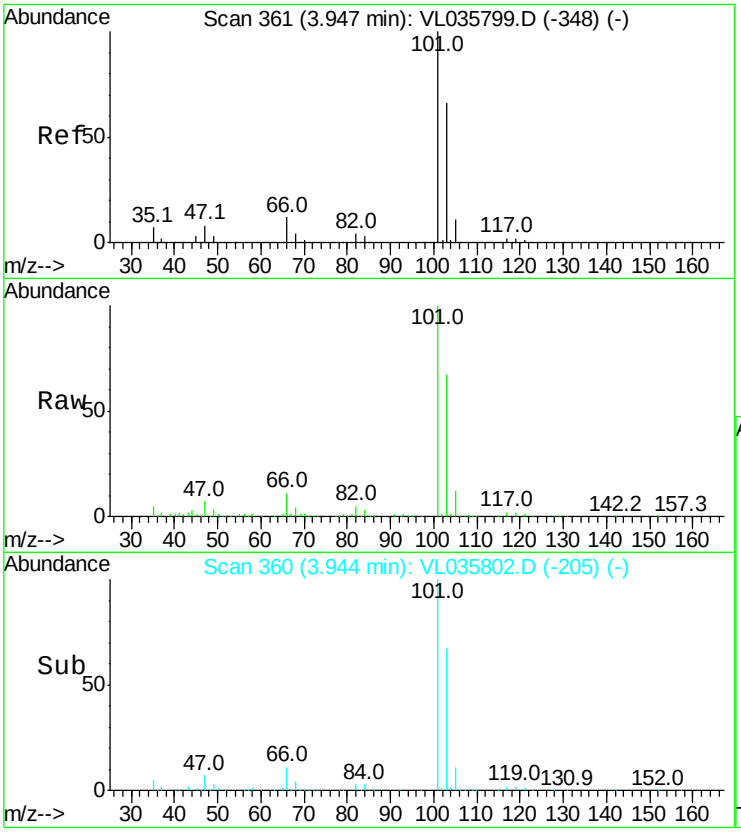


#10
Heptane
Concen: 0.587 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 43 Resp: 86757

Ion	Ratio	Lower	Upper
43	100		
57	65.8	50.0	75.0



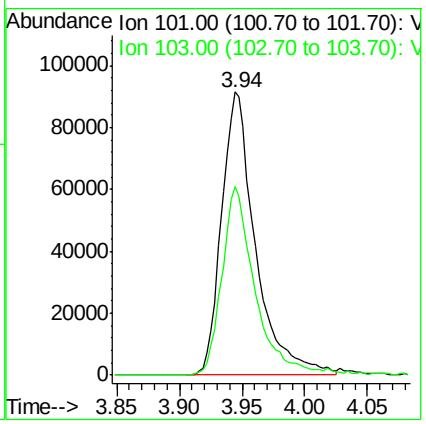


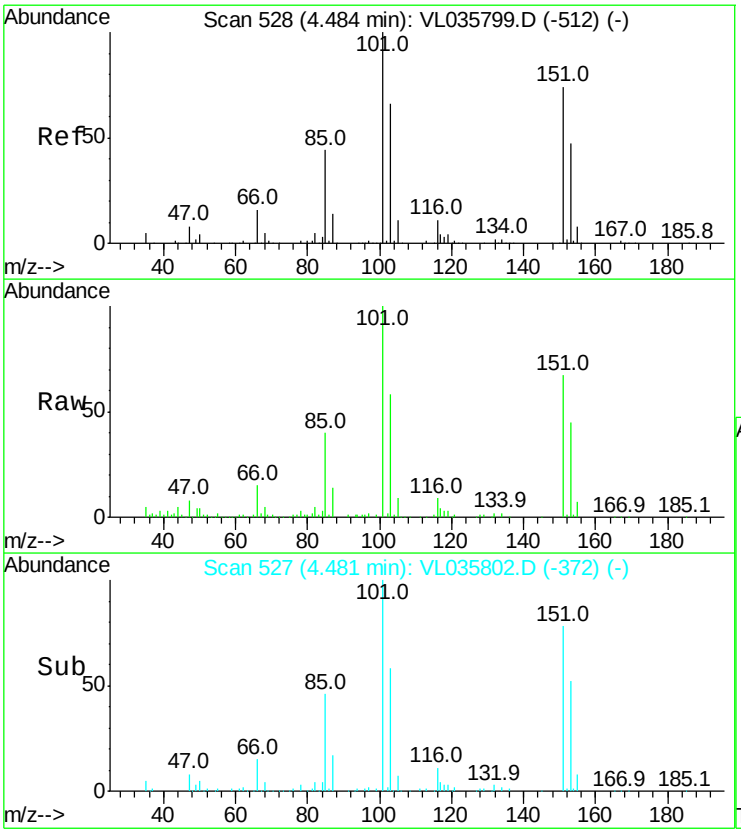
#11
Trichlorofluoromethane
Concen: 0.542 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 172049

Ion	Ratio	Lower	Upper
101	100		
103	66.7	53.0	79.4

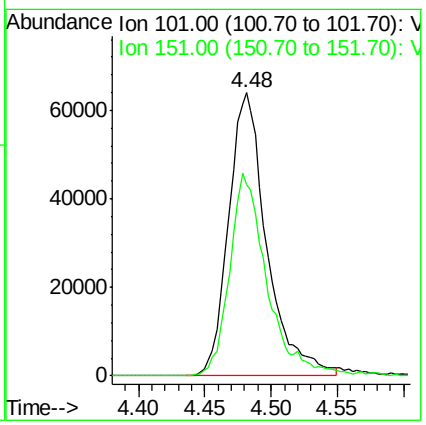


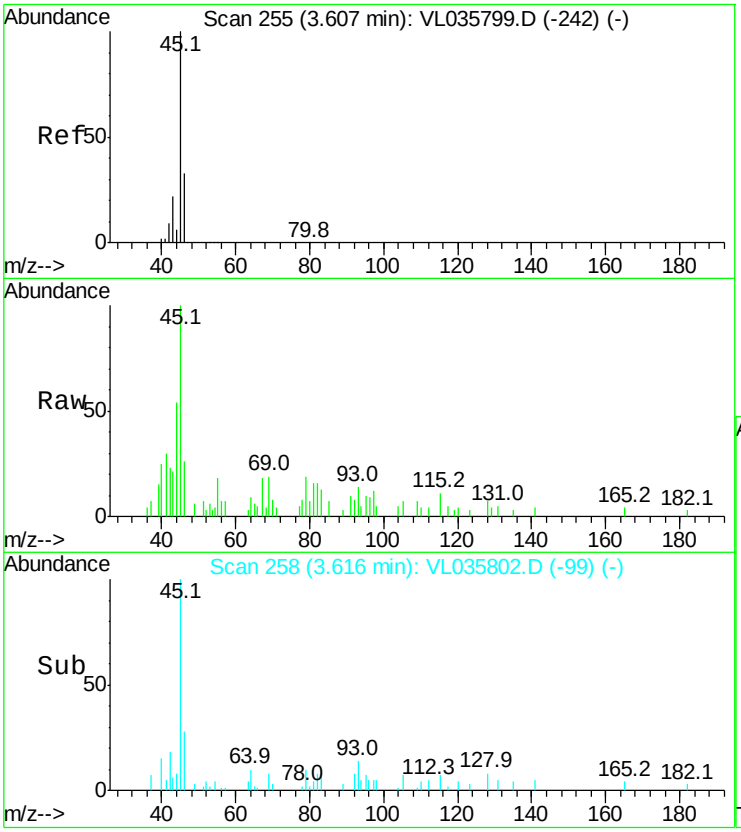


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.540 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:101 Resp: 127800

Ion	Ratio	Lower	Upper
101	100		
151	70.5	58.9	88.3



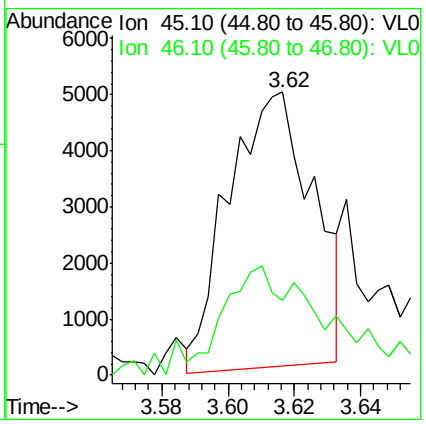


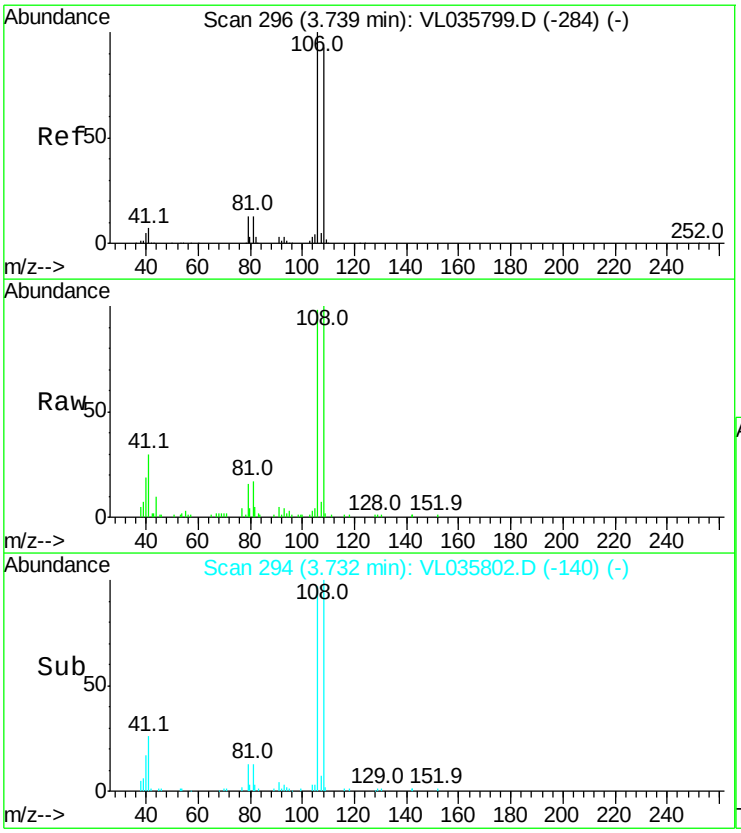
#13
Ethanol
Concen: 0.666 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 8696

Ion	Ratio	Lower	Upper
45	100		
46	60.7	16.1	64.5

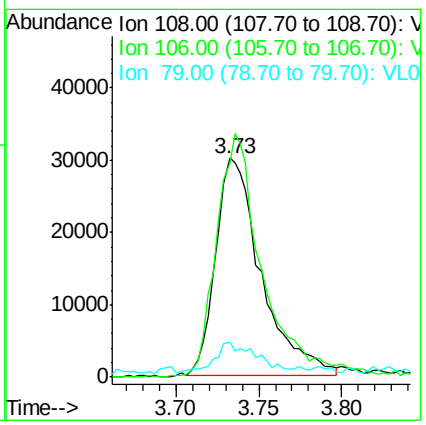


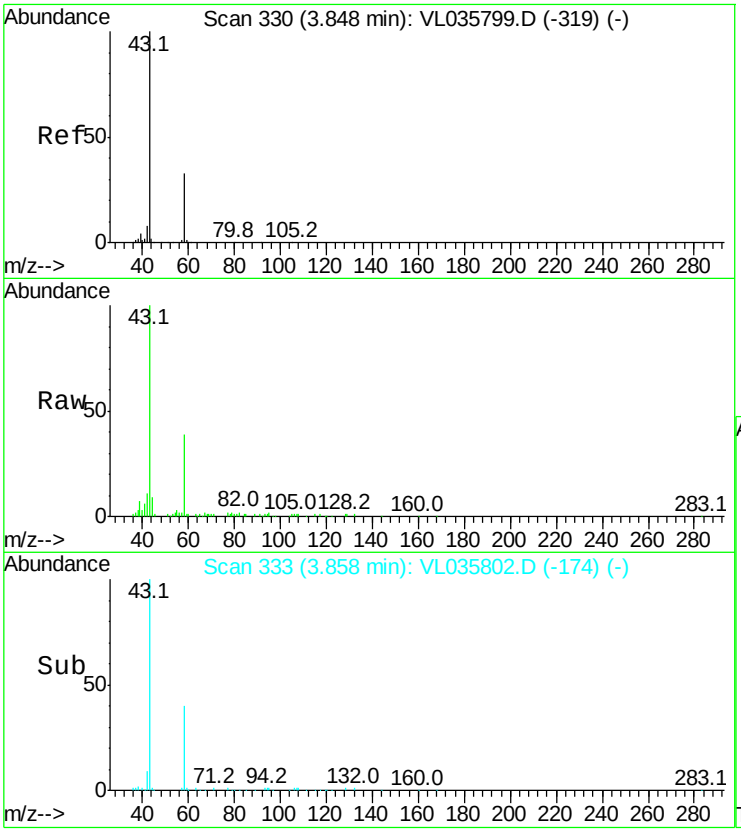


#14
Bromoethene
Concen: 0.575 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:108 Resp: 57321

Ion	Ratio	Lower	Upper
108	100		
106	116.4	85.3	127.9
79	18.1	11.6	17.4#



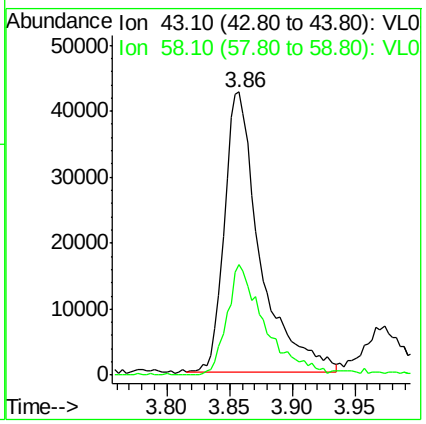


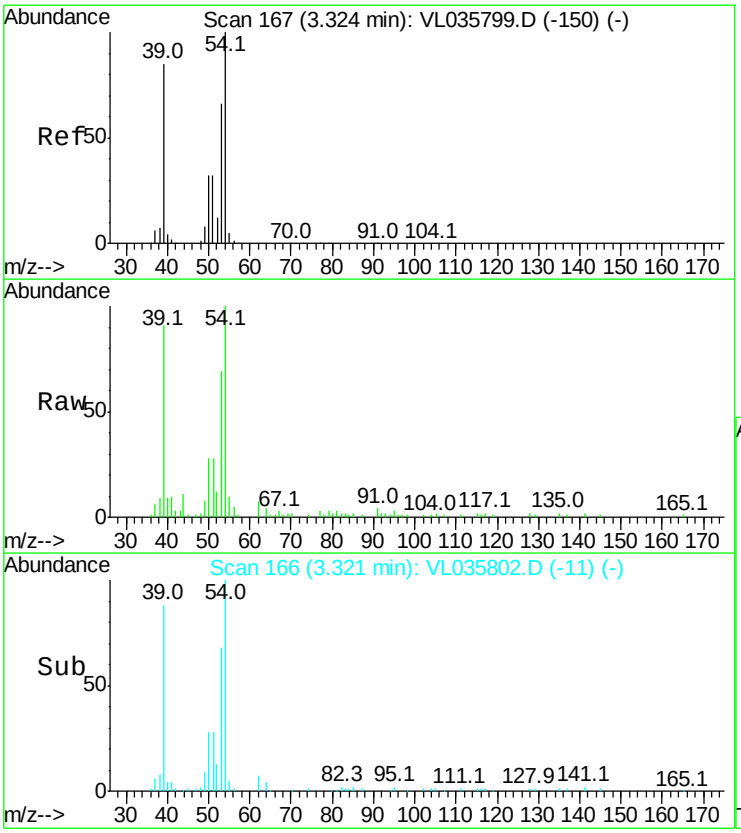
#15
Acetone
Concen: 0.575 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 83847

Ion	Ratio	Lower	Upper
43	100		
58	43.1	27.5	41.3#

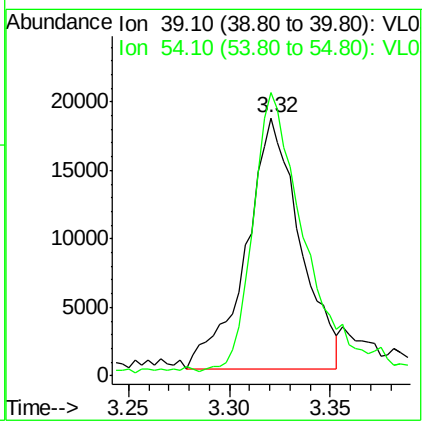


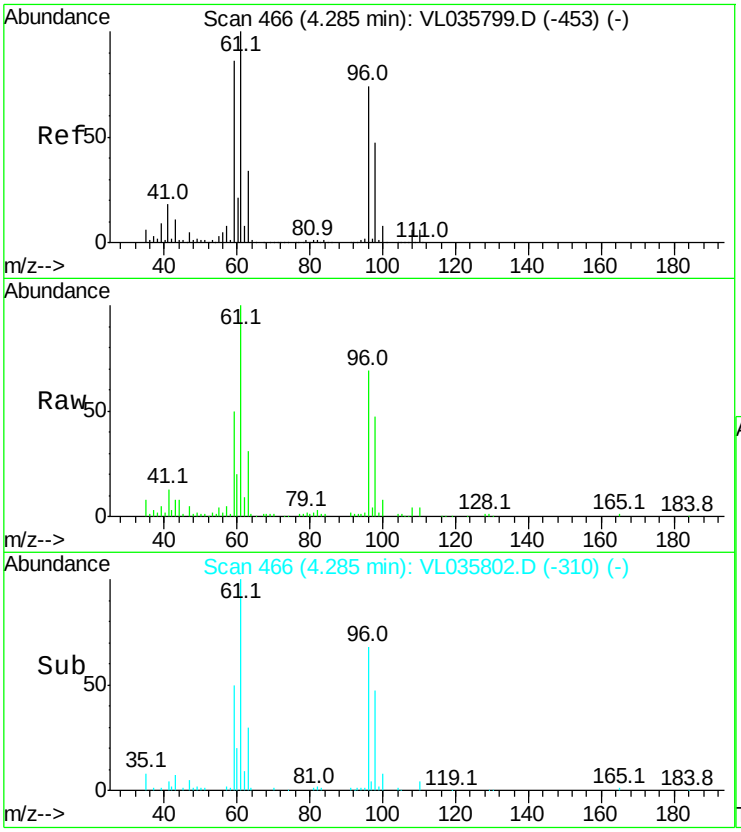


#16
1,3-Butadiene
Concen: 0.640 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 39 Resp: 34179

Ion	Ratio	Lower	Upper
39	100		
54	112.6	87.1	130.7



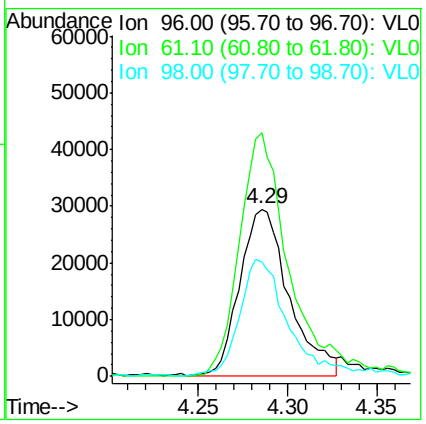


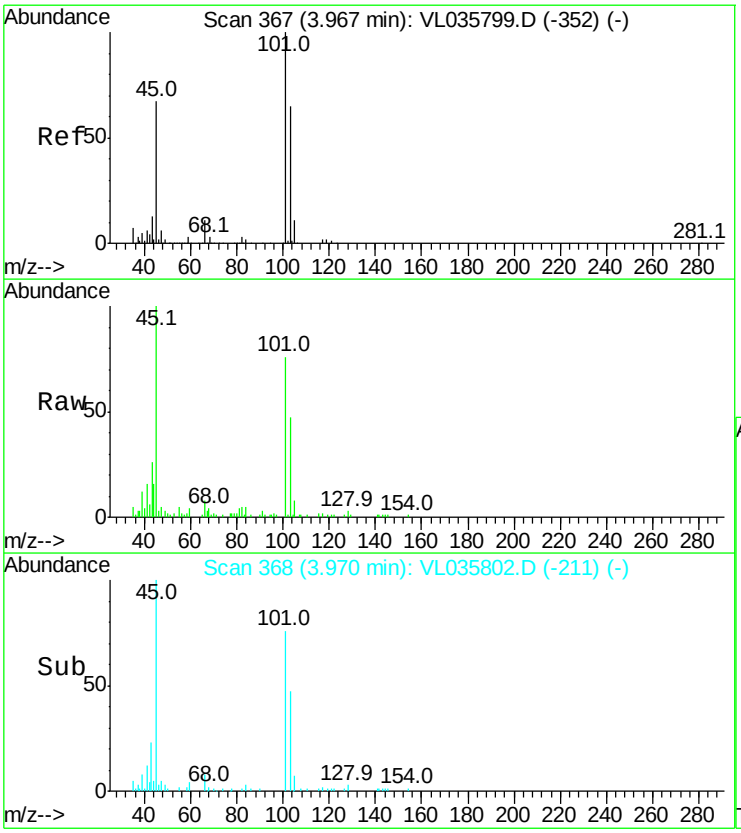
#18
1,1-Dichloroethene
Concen: 0.545 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 56442

Ion	Ratio	Lower	Upper
96	100		
61	146.6	108.5	162.7
98	68.3	50.7	76.1

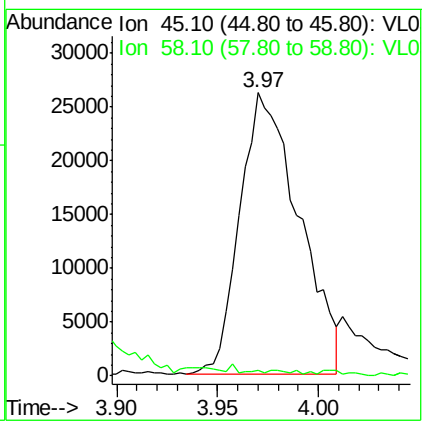


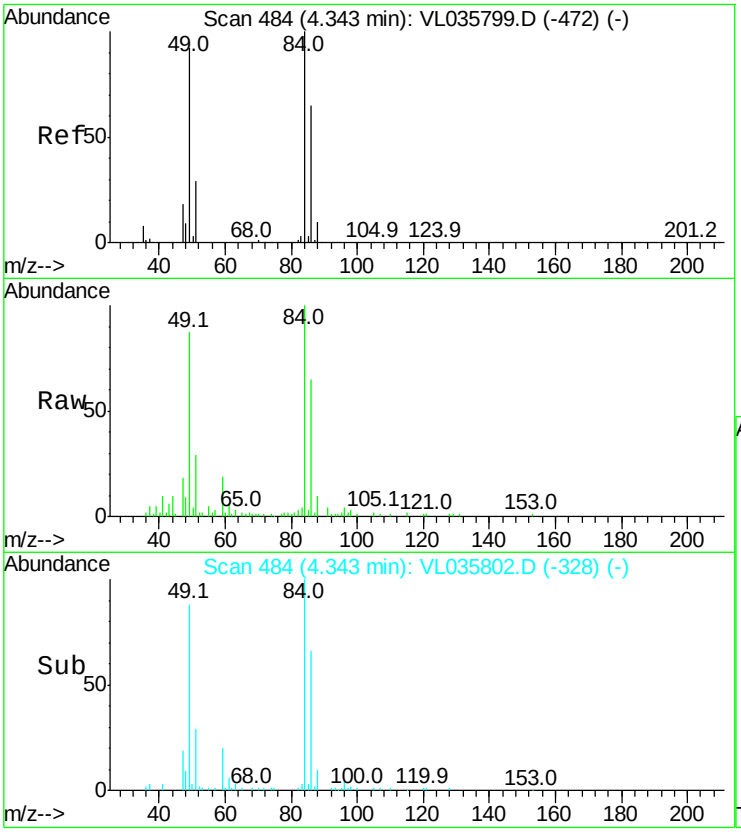


#19
Isopropyl Alcohol
Concen: 0.672 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 45 Resp: 53372

Ion	Ratio	Lower	Upper
45	100		
58	68.4	2.6	3.8#



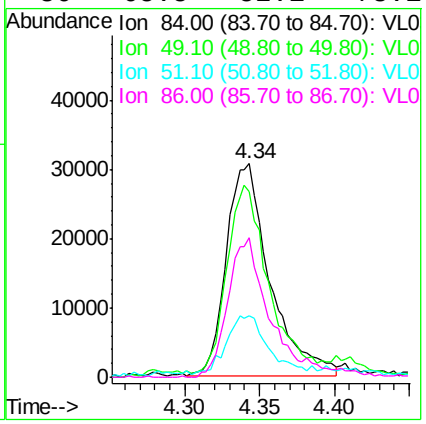


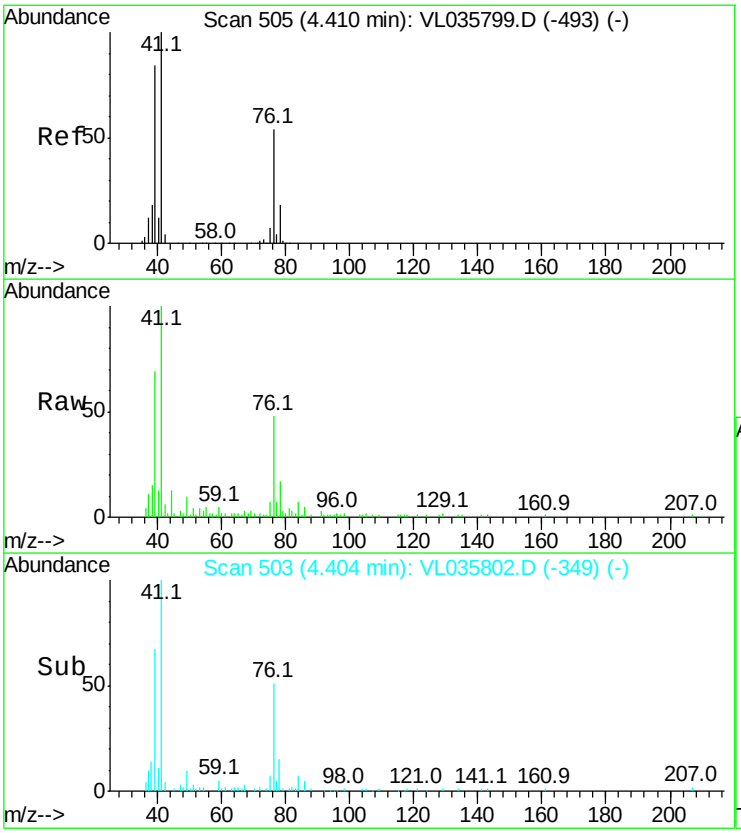
#20
Methylene Chloride
Concen: 0.582 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 62374

Ion	Ratio	Lower	Upper
84	100		
49	84.0	73.8	110.8
51	26.5	23.0	34.4
86	65.5	52.1	78.1

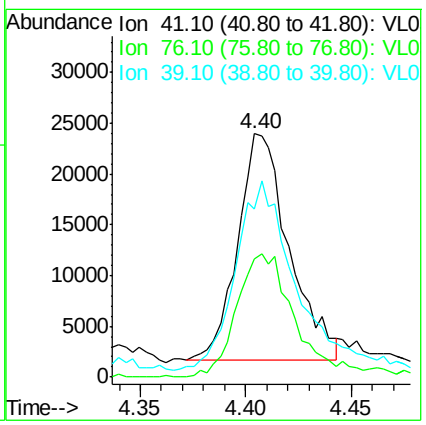


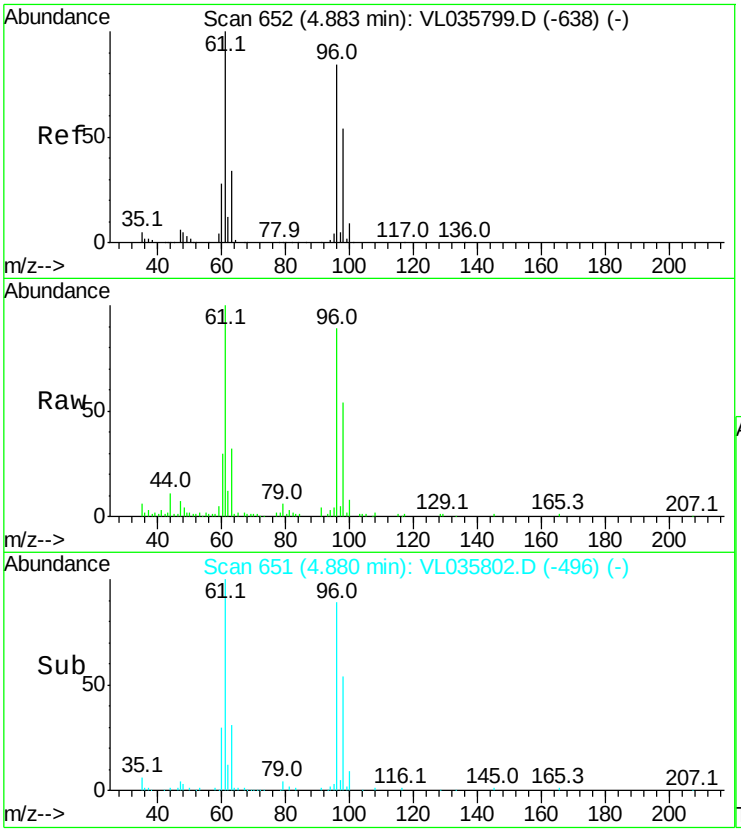


#21
Allyl Chloride
Concen: 0.532 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 41 Resp: 37642

Ion	Ratio	Lower	Upper
41	100		
76	65.1	42.6	63.8#
39	101.1	67.0	100.4#



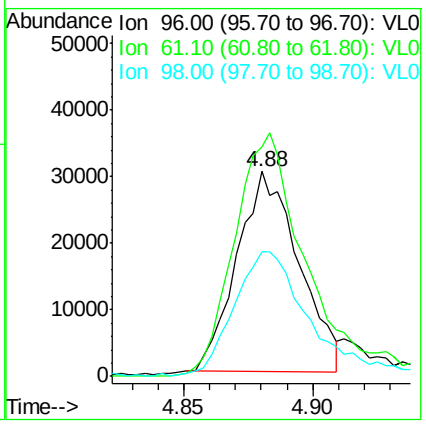


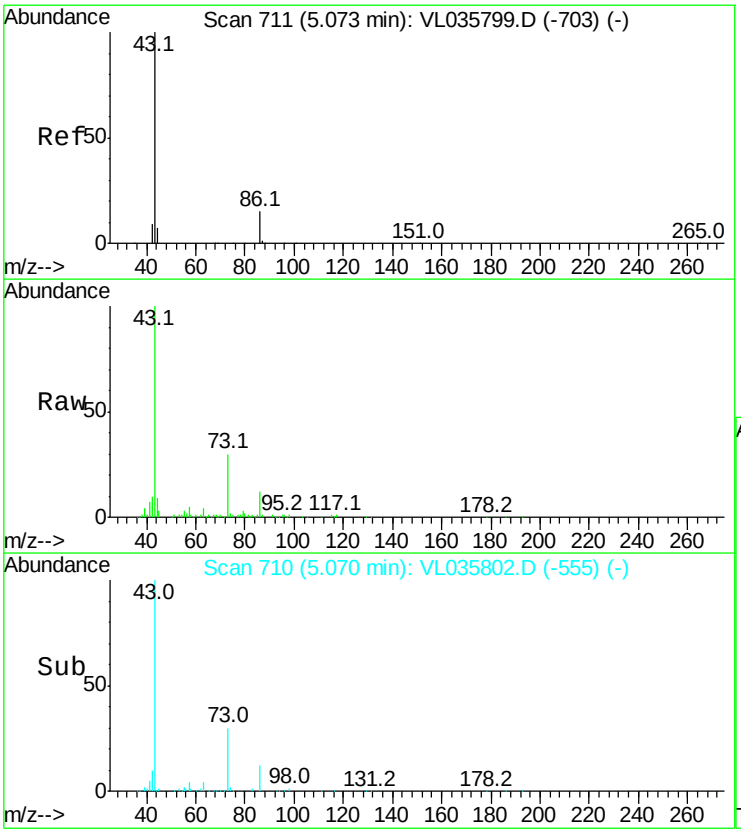
#22
trans-1,2-Dichloroethene
Concen: 0.461 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 50502

Ion	Ratio	Lower	Upper
96	100		
61	113.2	95.4	143.0
98	60.8	51.8	77.6

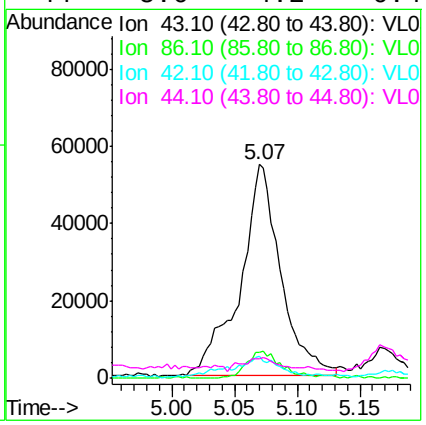


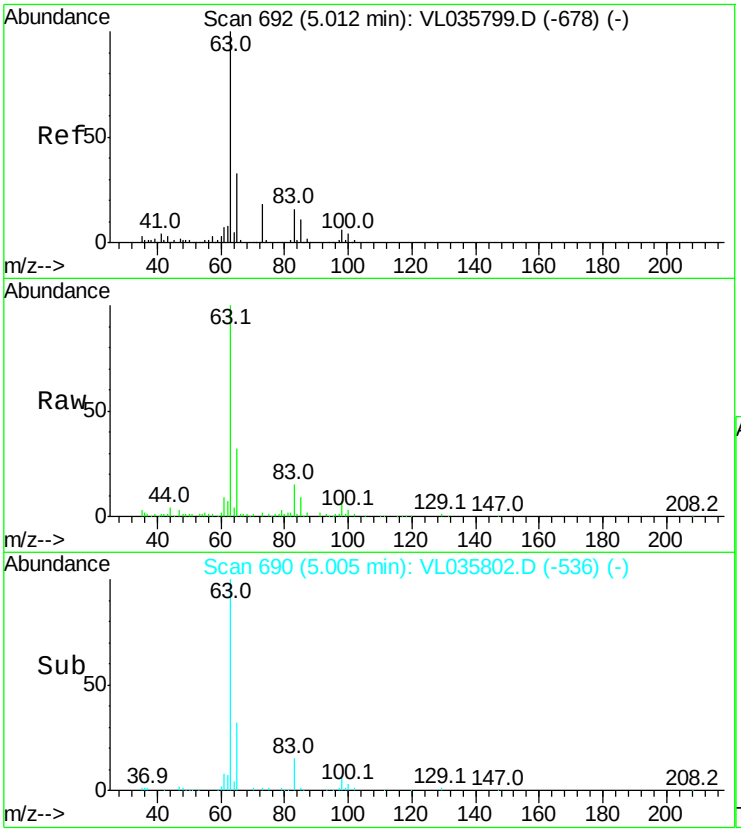


#23
Vinyl Acetate
Concen: 0.687 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 43 Resp: 122772

Ion	Ratio	Lower	Upper
43	100		
86	11.6	9.8	14.6
42	9.3	8.1	12.1
44	5.6	4.2	6.4



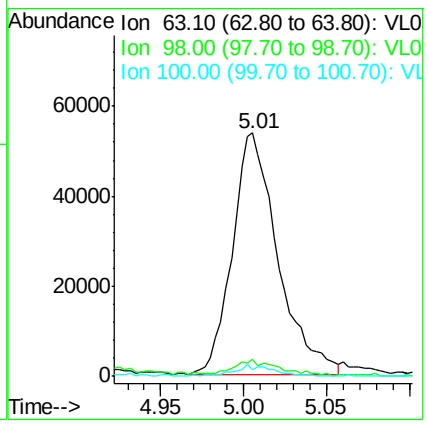


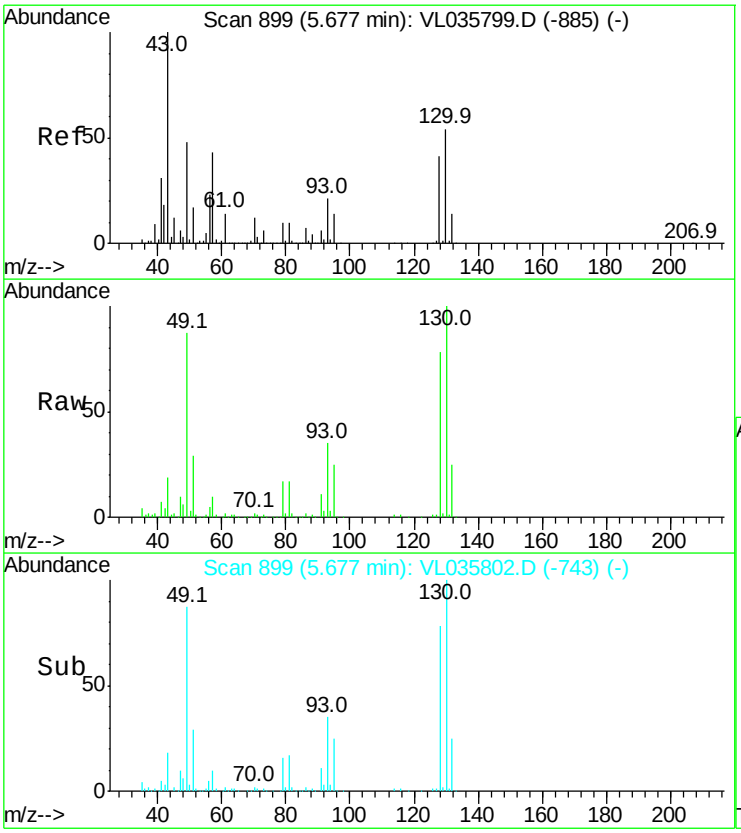
#24
1,1-Dichloroethane
Concen: 0.527 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 102592

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	3.0	1.8	5.4

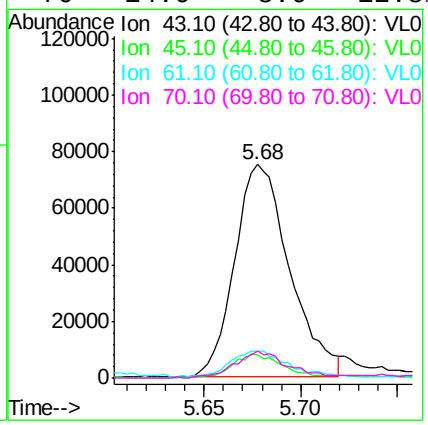


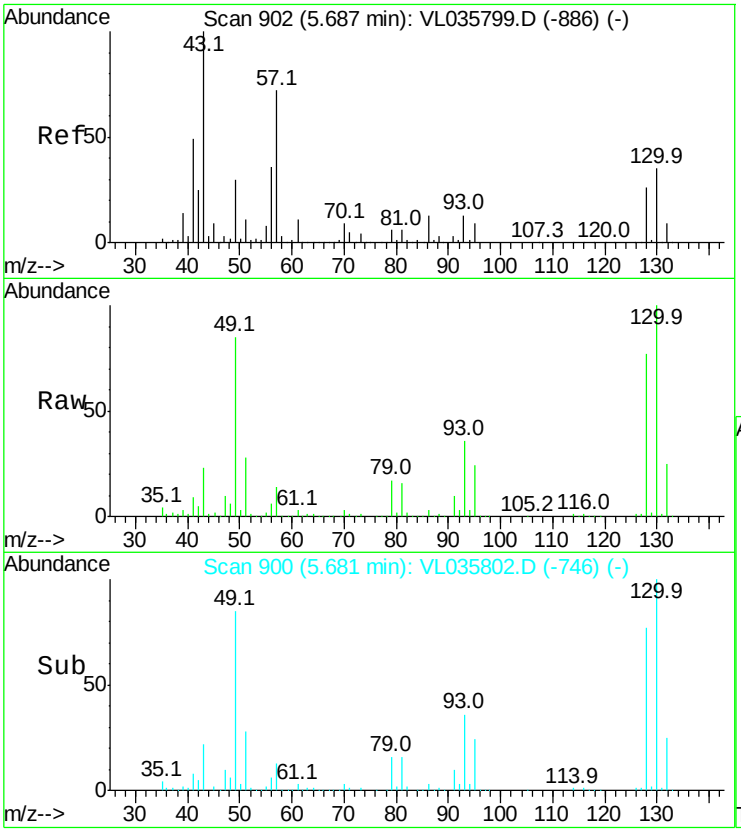


#25
Ethyl Acetate
Concen: 0.566 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 43 Resp: 148529

Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.5	12.7
61	14.3	10.7	16.1
70	14.0	8.6	12.8#



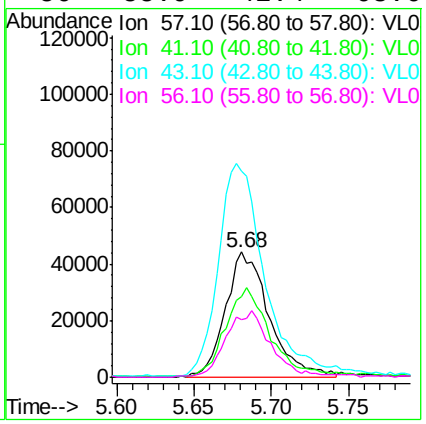


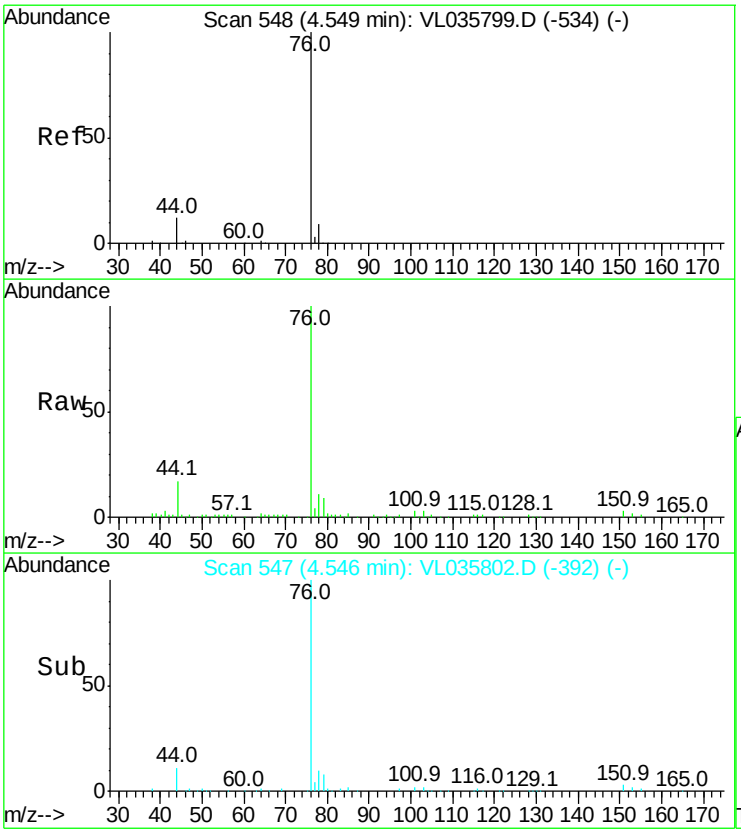
#26
Hexane
Concen: 0.605 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 57 Resp: 87124

Ion	Ratio	Lower	Upper
57	100		
41	76.2	58.9	88.3
43	184.7	150.2	225.2
56	55.9	42.4	63.6

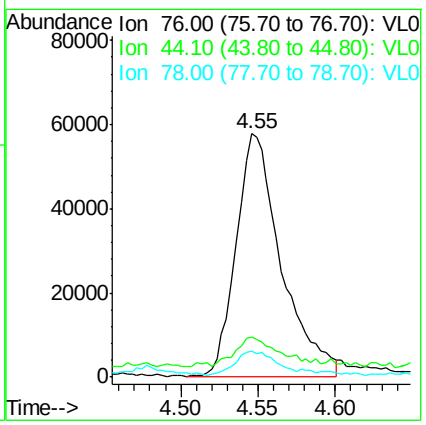


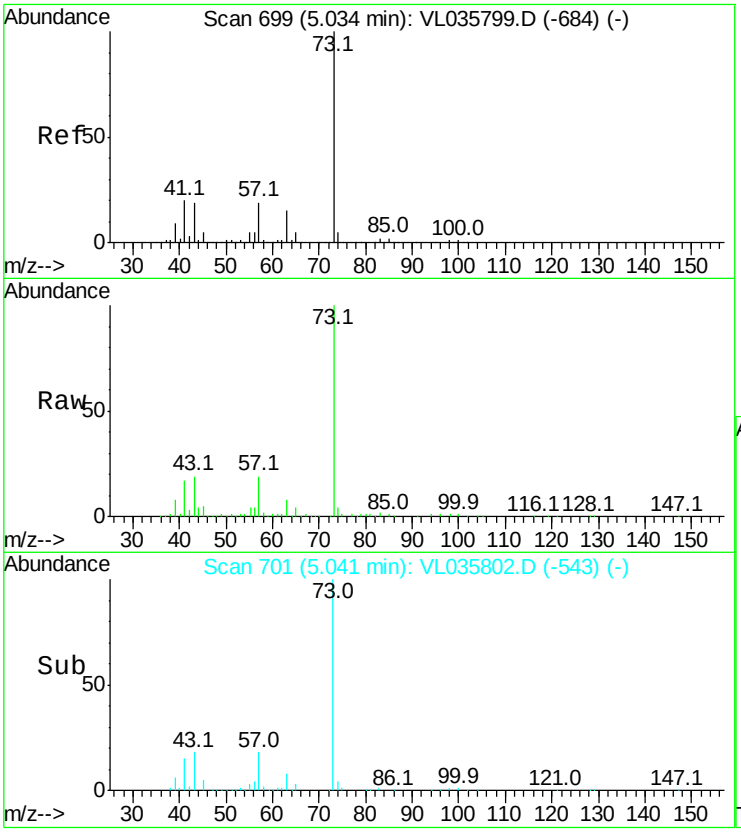


#27
Carbon Disulfide
Concen: 0.549 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 76 Resp: 117728

Ion	Ratio	Lower	Upper
76	100		
44	12.6	9.9	14.9
78	12.4	8.1	12.1#



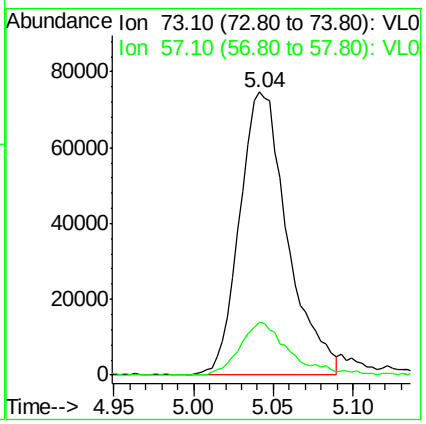


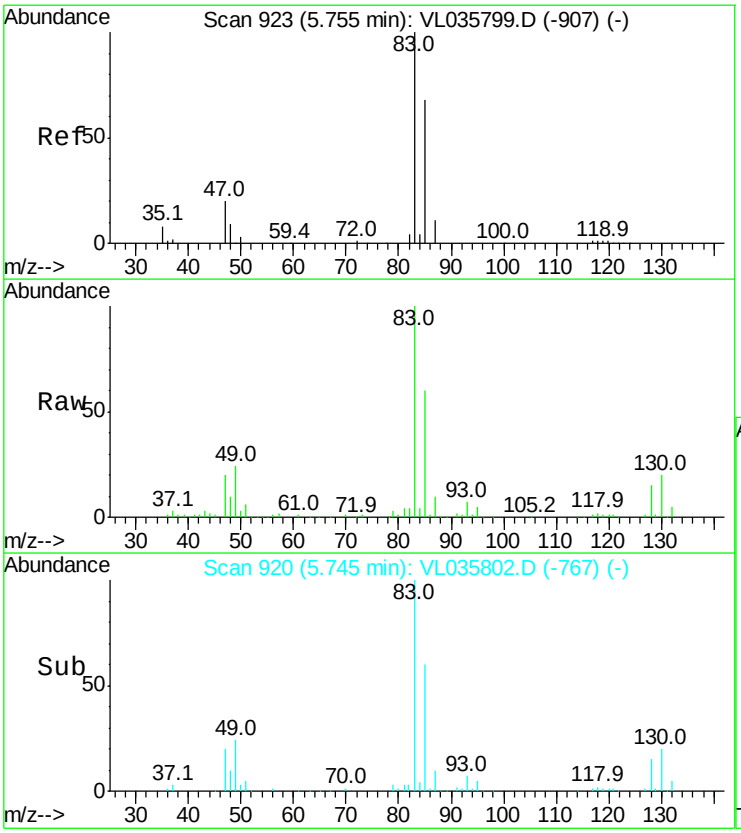
#28
Methyl tert-Butyl Ether
Concen: 0.672 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 73 Resp: 153276

Ion	Ratio	Lower	Upper
73	100		
57	19.1	15.4	23.2

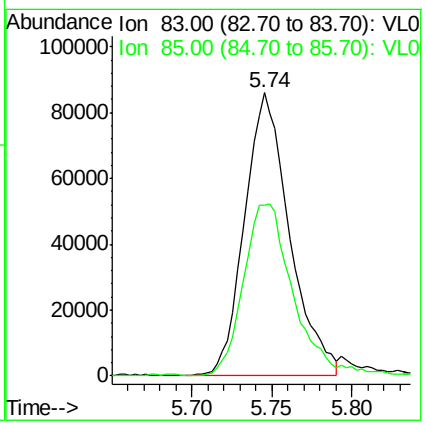


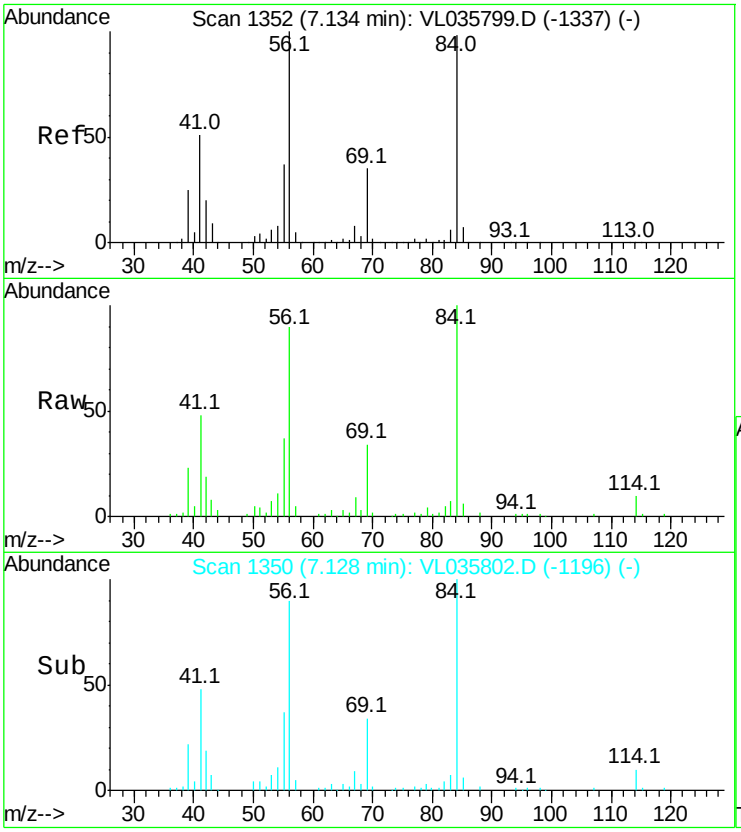


#29
Chloroform
Concen: 0.569 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 83 Resp: 166365

Ion	Ratio	Lower	Upper
83	100		
85	60.1	54.6	81.8



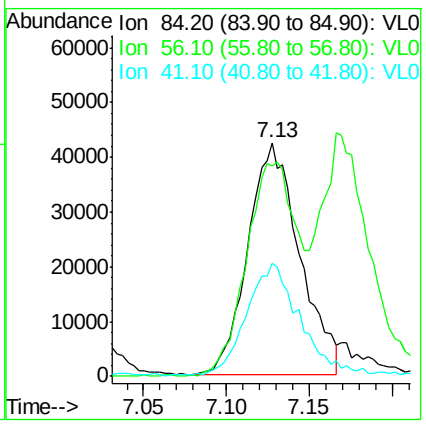


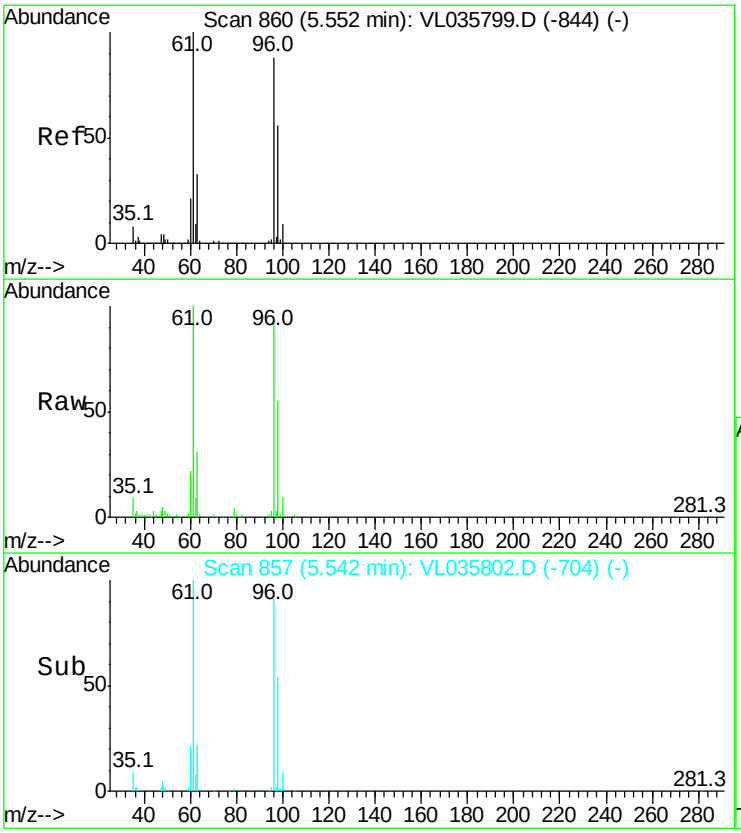
#30
Cyclohexane
Concen: 0.646 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 91664

Ion	Ratio	Lower	Upper
84	100		
56	89.2	86.4	129.6
41	52.9	42.1	63.1

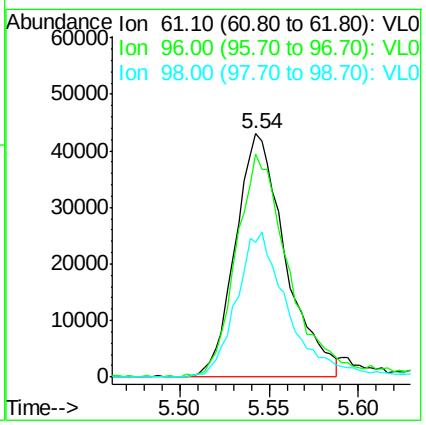


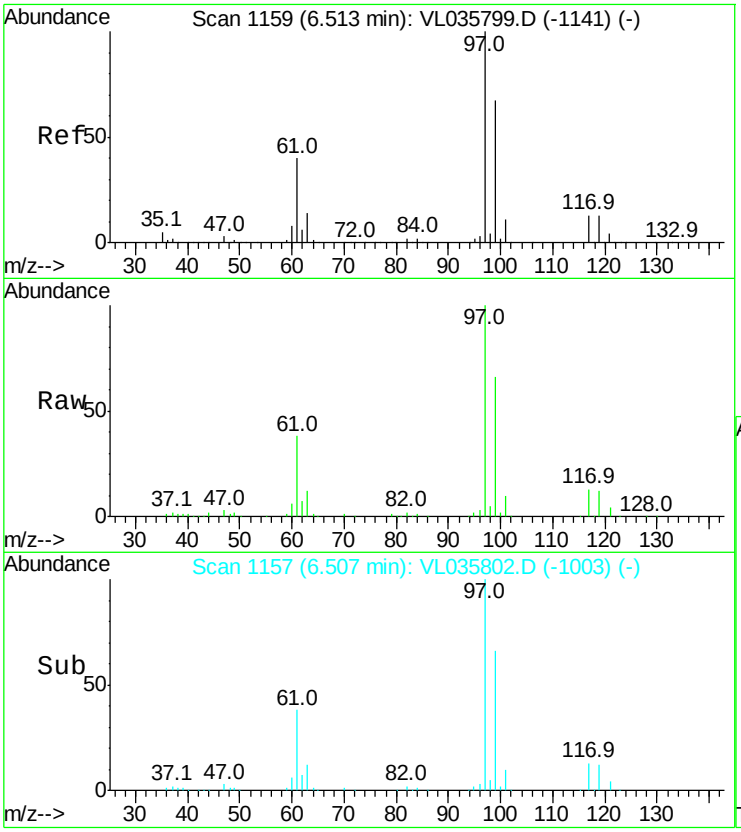


#31
cis-1,2-Dichloroethene
Concen: 0.608 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 61 Resp: 84393

Ion	Ratio	Lower	Upper
61	100		
96	90.5	70.3	105.5
98	55.4	45.0	67.6



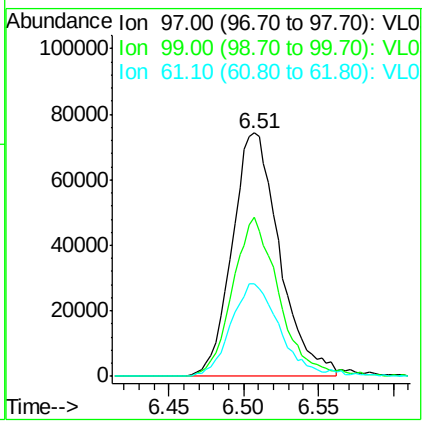


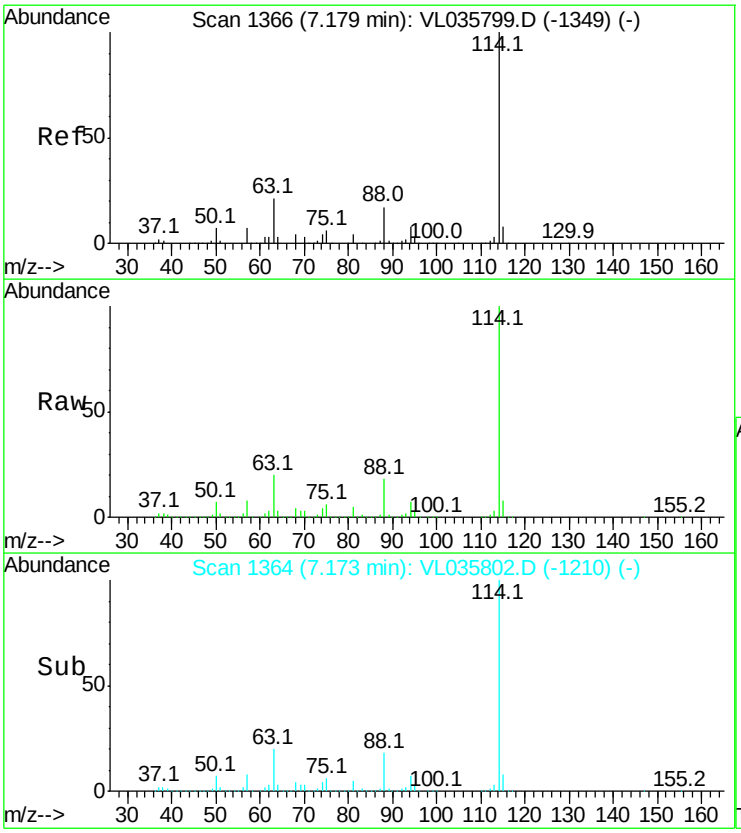
#32
1,1,1-Trichloroethane
Concen: 0.631 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 162424

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	40.0	32.0	48.0

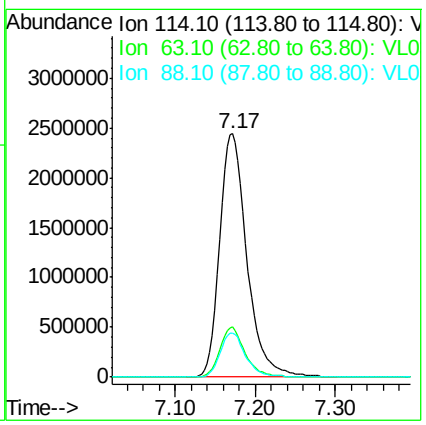


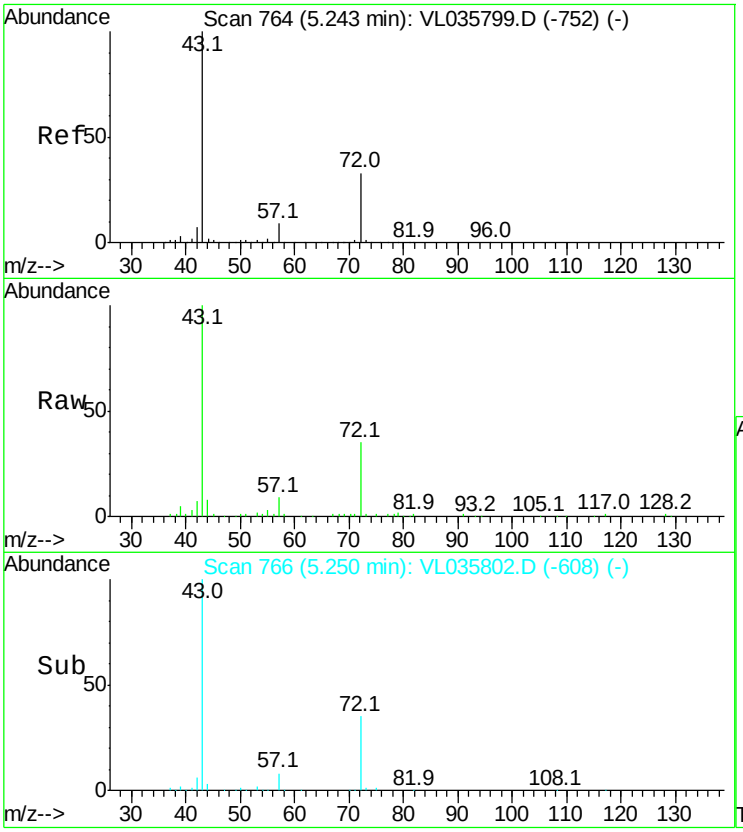


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:114 Resp: 5715152

Ion	Ratio	Lower	Upper
114	100		
63	19.1	16.1	24.1
88	17.2	13.7	20.5



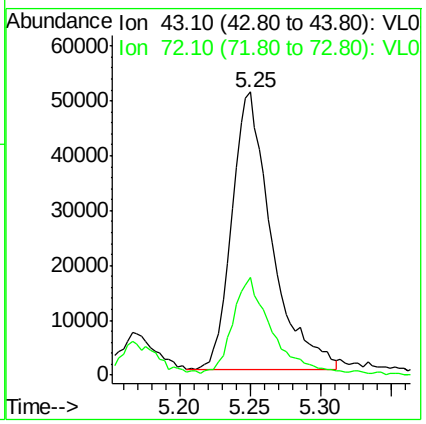


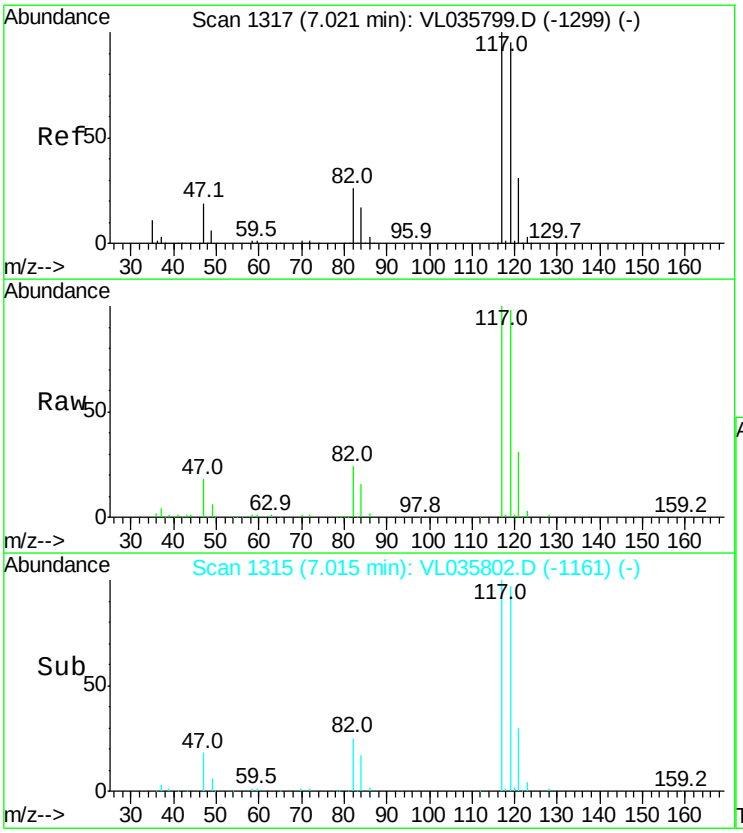
#34
2-Butanone
Concen: 0.527 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 99628

Ion	Ratio	Lower	Upper
43	100		
72	36.2	26.5	39.7

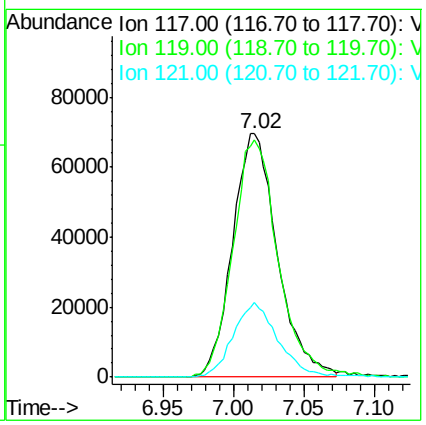


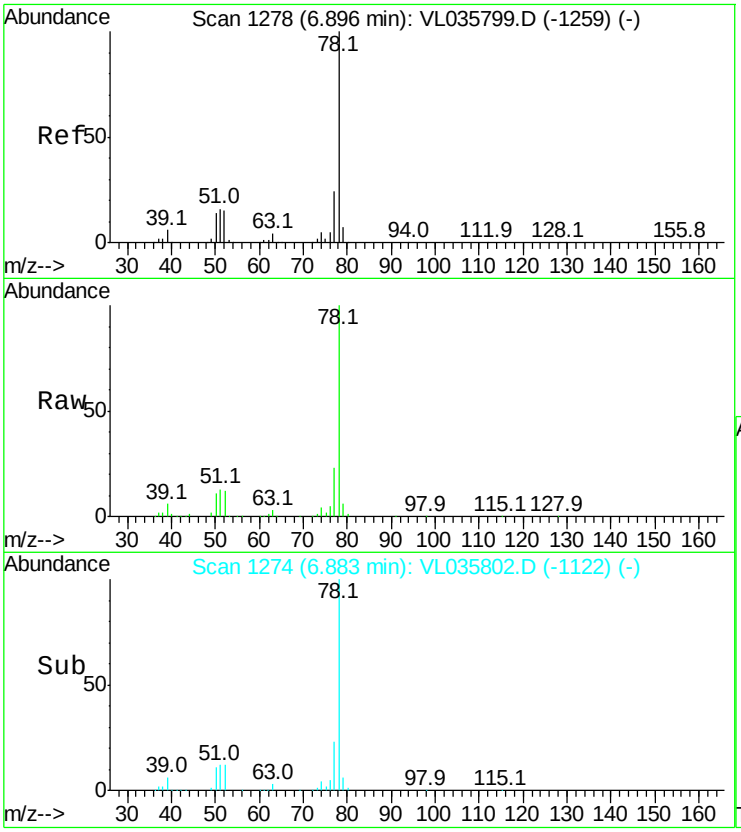


#35
Carbon Tetrachloride
Concen: 0.520 ppbv
RT: 7.02 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:117 Resp: 155087

Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.6	113.4
121	30.7	25.1	37.7



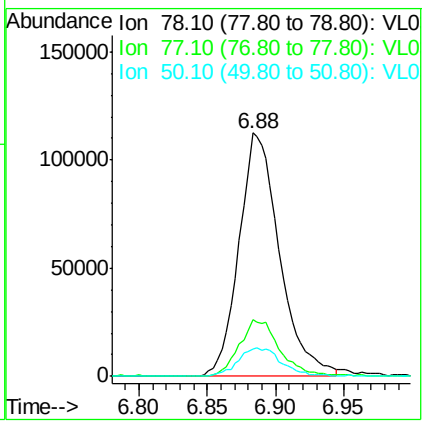


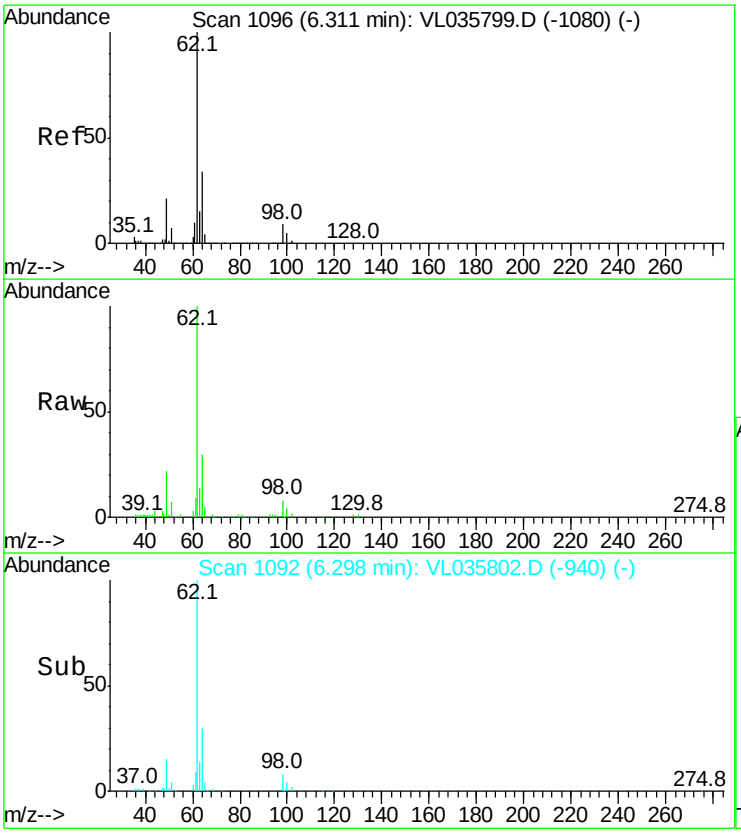
#36
Benzene
Concen: 0.625 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 232662

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9
50	11.4	11.4	17.2#

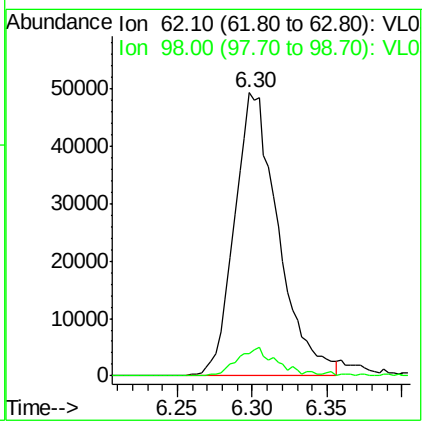


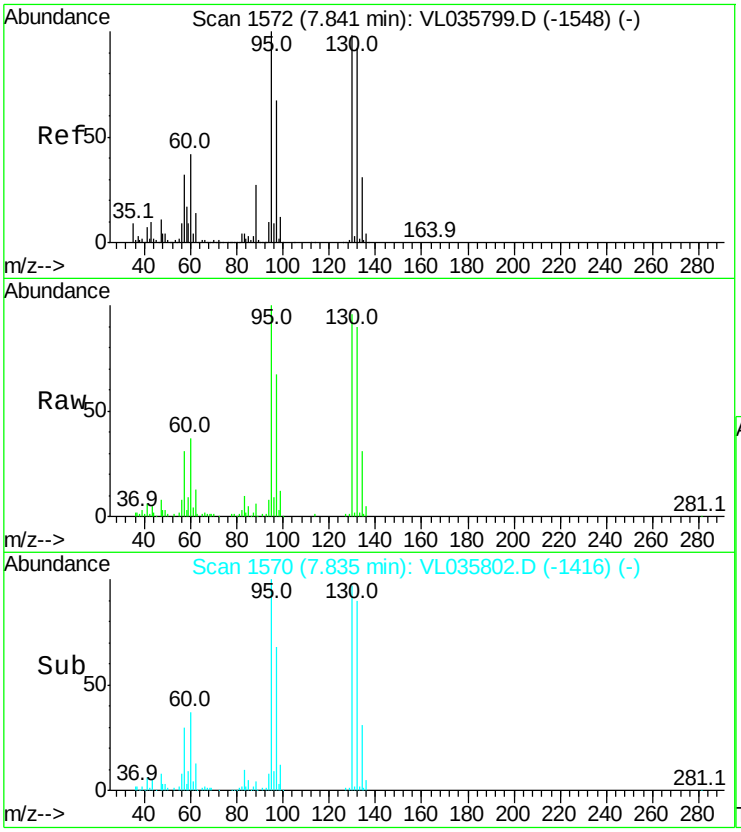


#37
1,2-Dichloroethane
Concen: 0.518 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 62 Resp: 100579

Ion	Ratio	Lower	Upper
62	100		
98	9.8	6.9	10.3



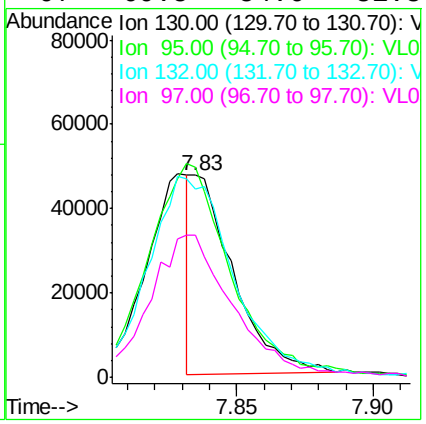


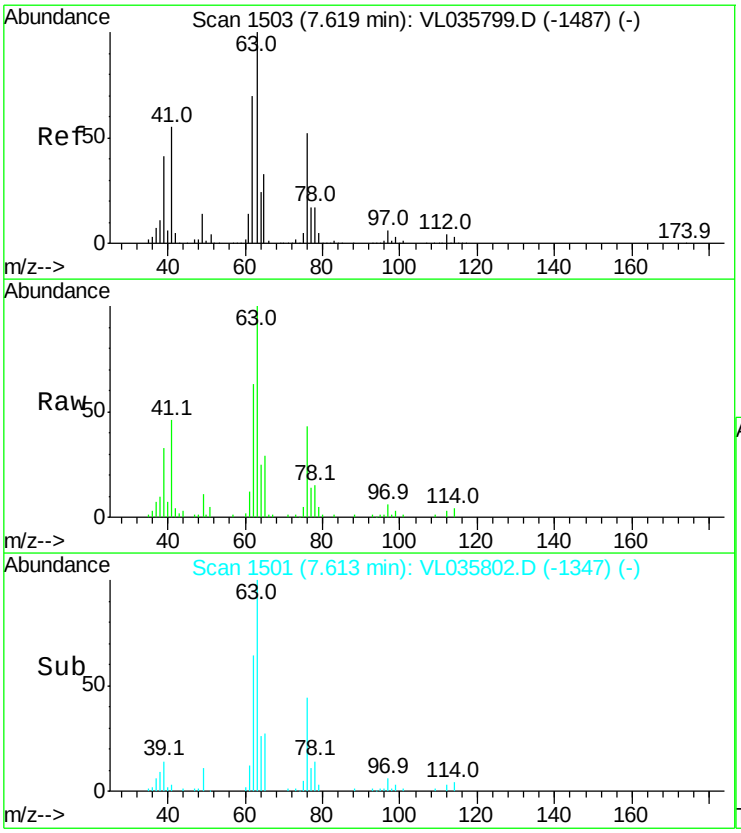
#38
Trichloroethene
Concen: 0.269 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:130 Resp: 50023

Ion	Ratio	Lower	Upper
130	100		
95	101.9	81.6	122.4
132	92.8	75.1	112.7
97	69.5	54.6	81.8

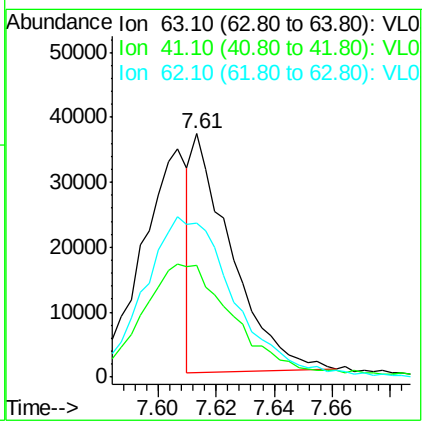


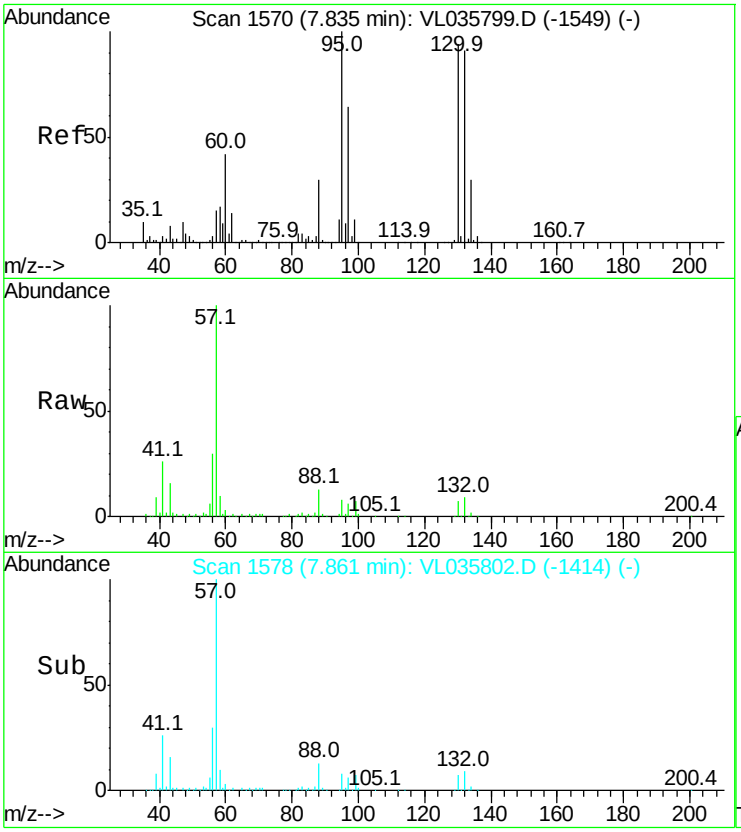


#39
1,2-Dichloropropane
Concen: 0.257 ppbv
RT: 7.61 min Scan# 1501
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 63 Resp: 34730

Ion	Ratio	Lower	Upper
63	100		
41	44.8	43.8	65.6
62	62.4	56.2	84.2



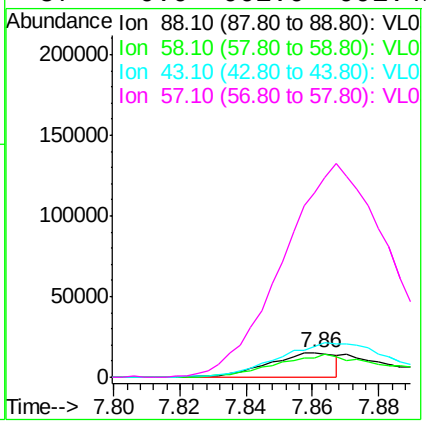


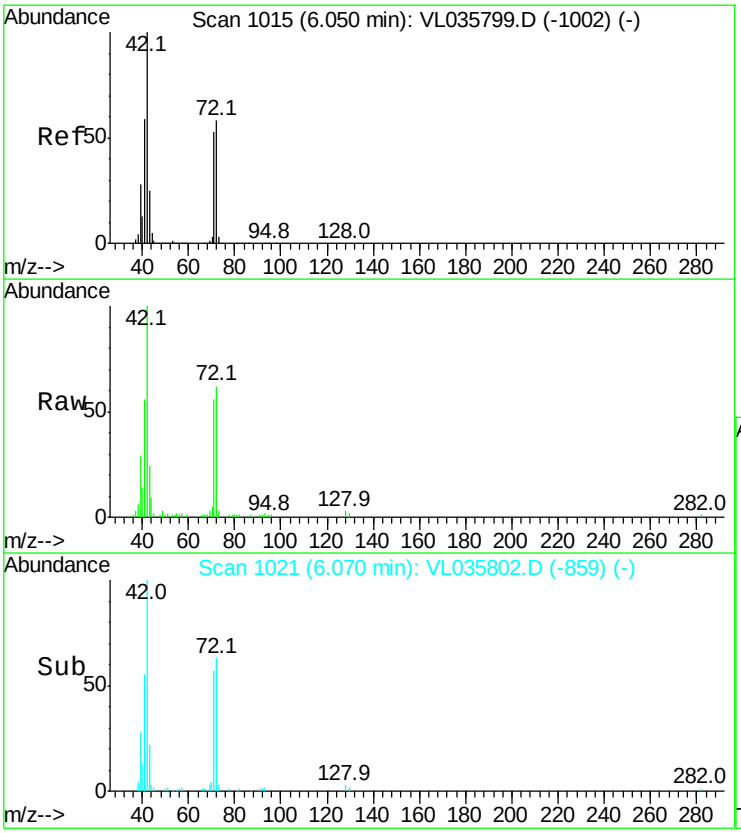
#40
1,4-Dioxane
Concen: 0.350 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. 0.03 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 88 Resp: 21577

Ion	Ratio	Lower	Upper
88	100		
58	0.0	76.2	114.2#
43	0.0	123.1	184.7#
57	0.0	661.0	991.4#

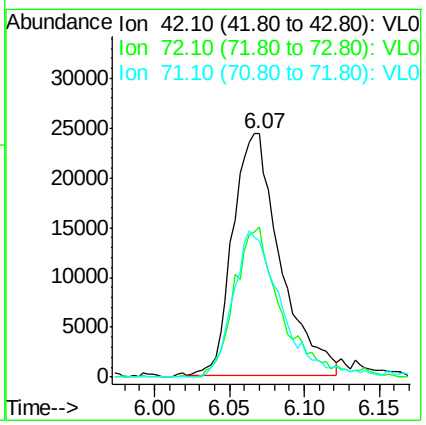


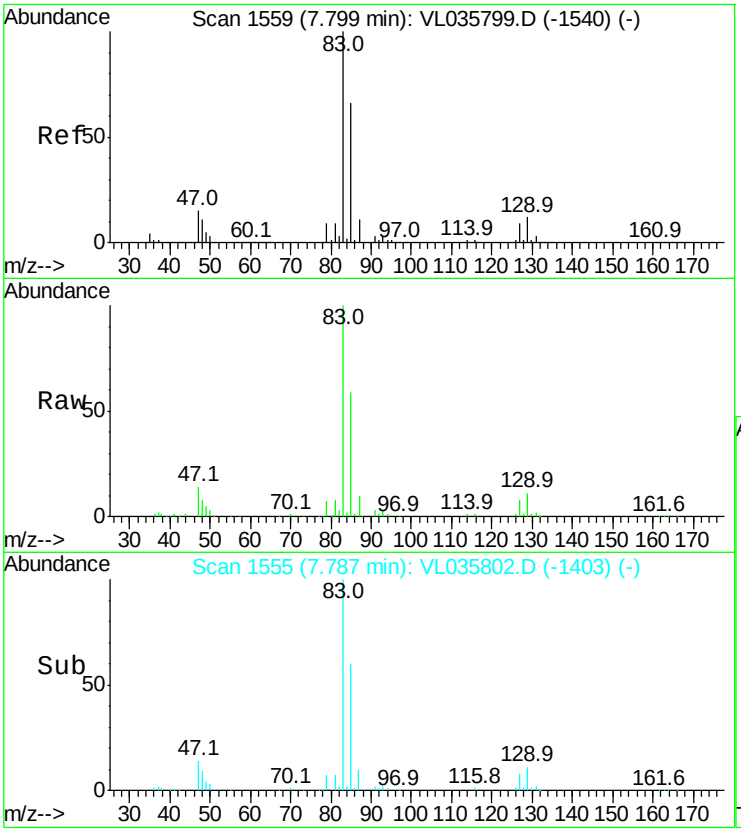


#41
Tetrahydrofuran
Concen: 0.564 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 42 Resp: 53730

Ion	Ratio	Lower	Upper
42	100		
72	62.0	45.4	68.0
71	62.2	43.4	65.2



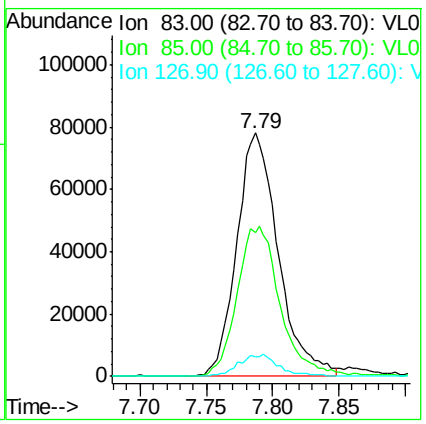


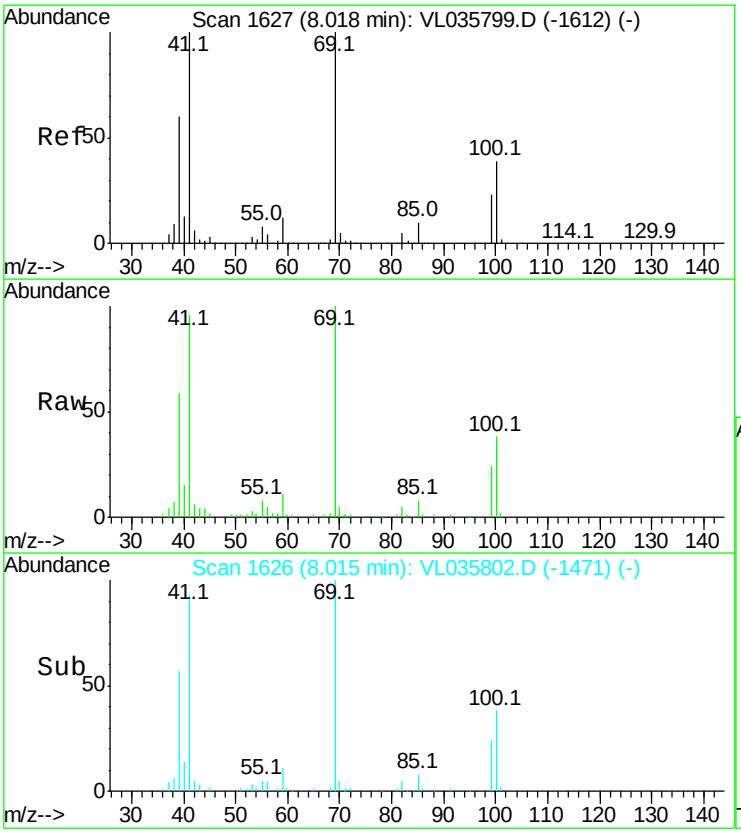
#42
Bromodichloromethane
Concen: 0.545 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 83 Resp: 170373

Ion	Ratio	Lower	Upper
83	100		
85	59.2	53.1	79.7
127	8.1	7.3	10.9

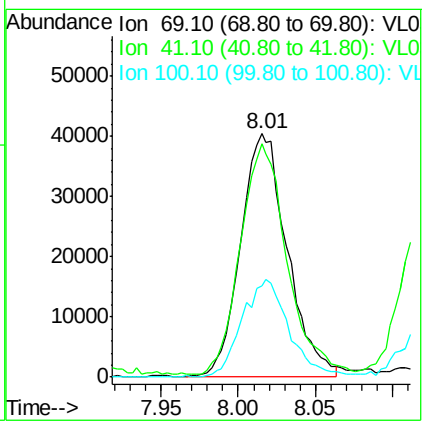


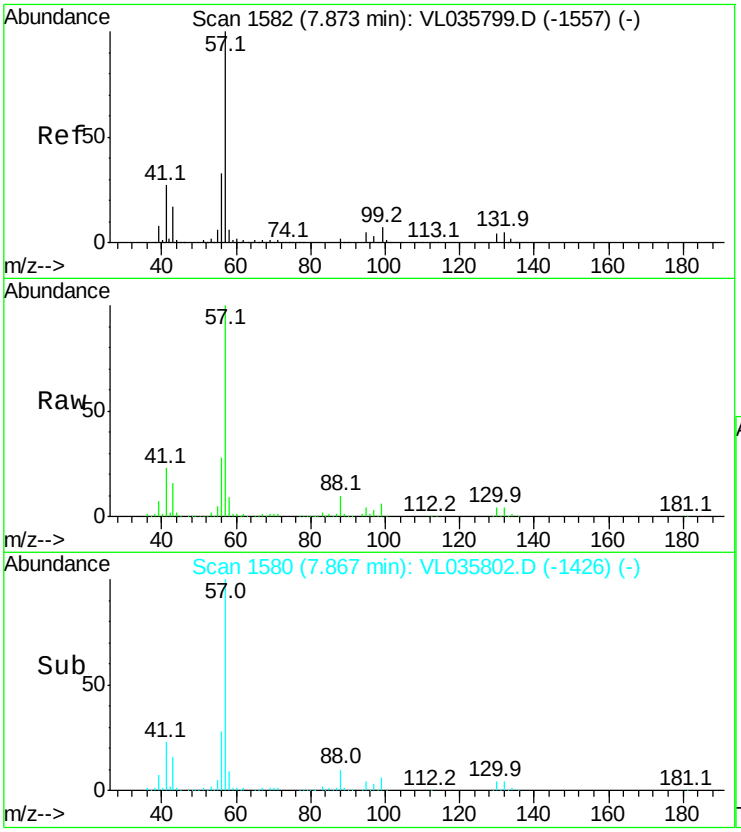


#43
Methyl Methacrylate
Concen: 0.573 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 69 Resp: 84893

Ion	Ratio	Lower	Upper
69	100		
41	95.9	81.1	121.7
100	40.2	31.0	46.4



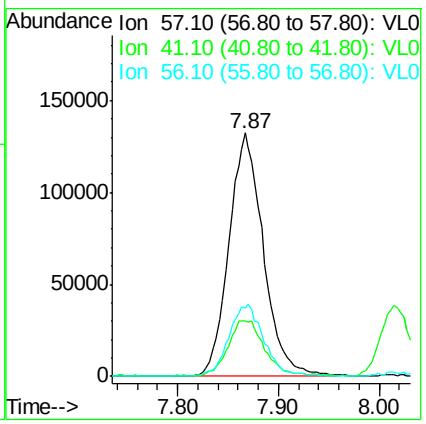


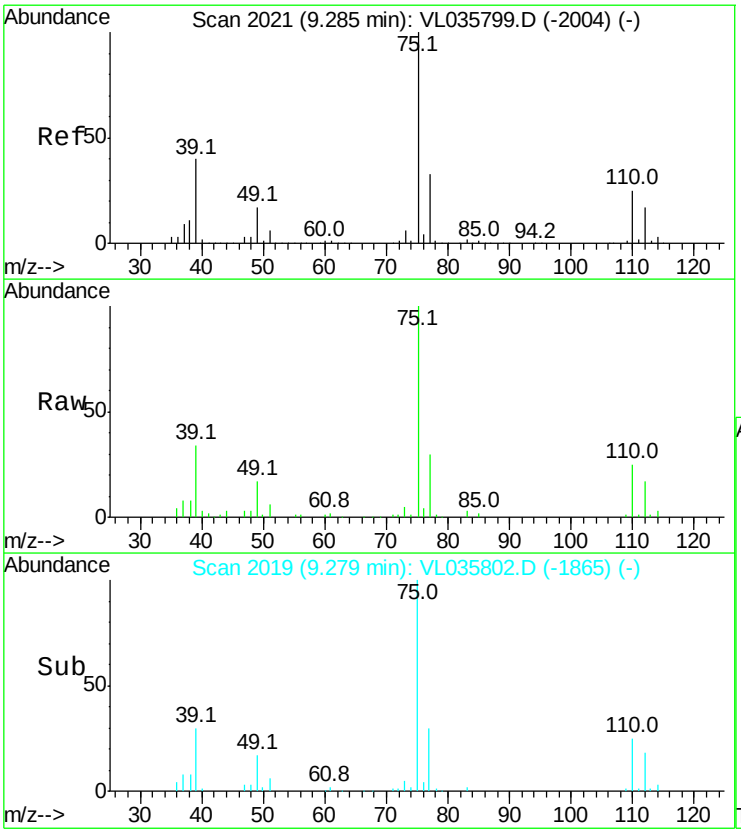
#44
2,2,4-Trimethylpentane
Concen: 0.587 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 57 Resp: 313597

Ion	Ratio	Lower	Upper
57	100		
41	24.3	21.0	31.4
56	30.2	25.4	38.0

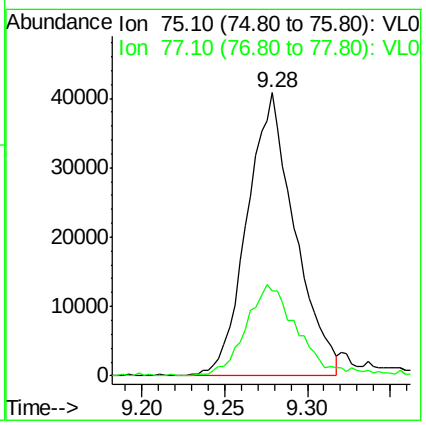


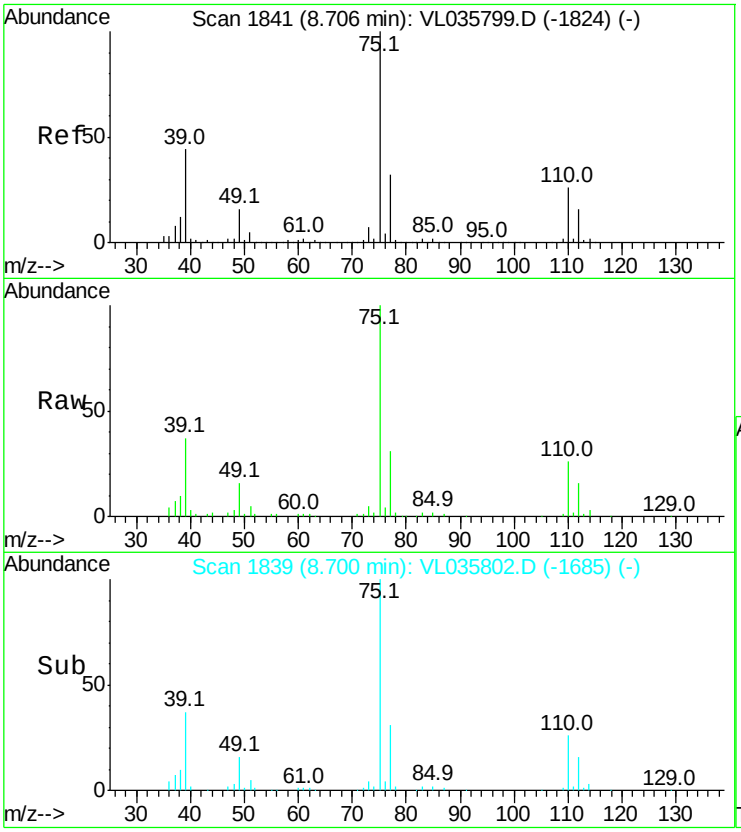


#45
t-1,3-Dichloropropene
Concen: 0.547 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 75 Resp: 81753

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.4	39.6



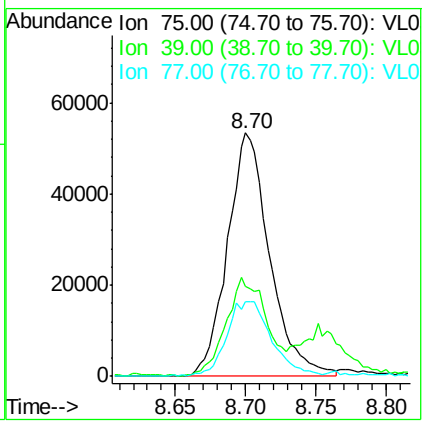


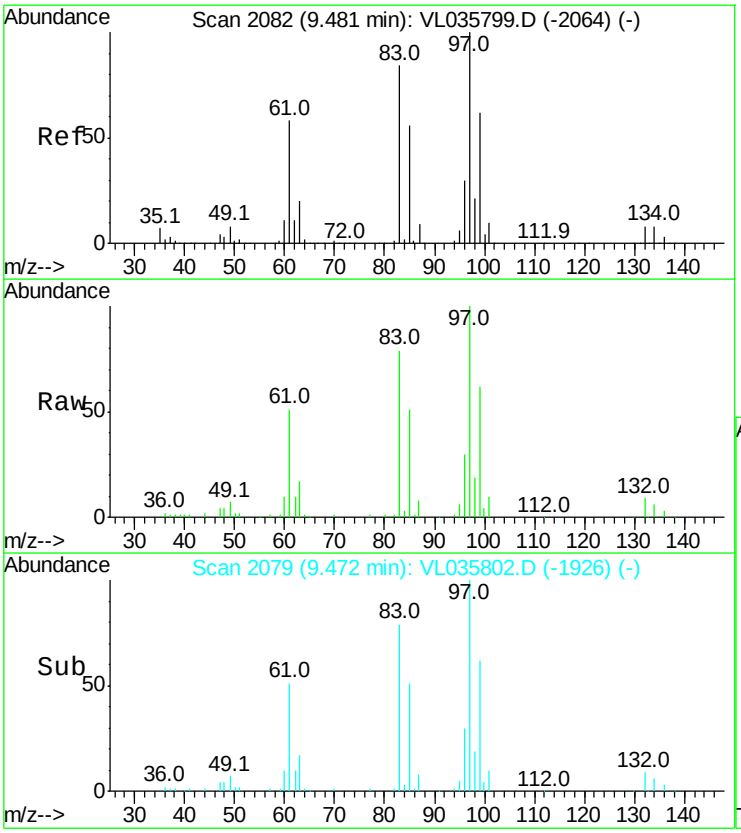
#46
cis-1,3-Dichloropropene
Concen: 0.607 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 75 Resp: 111833

Ion	Ratio	Lower	Upper
75	100		
39	36.3	35.1	52.7
77	30.7	25.7	38.5

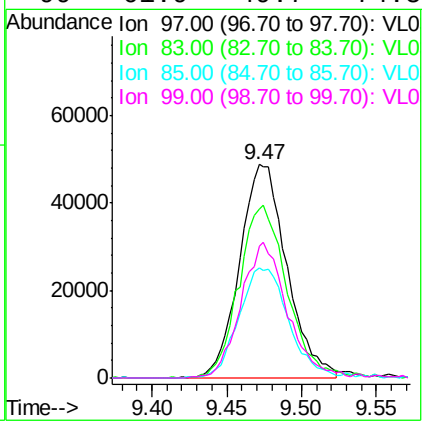


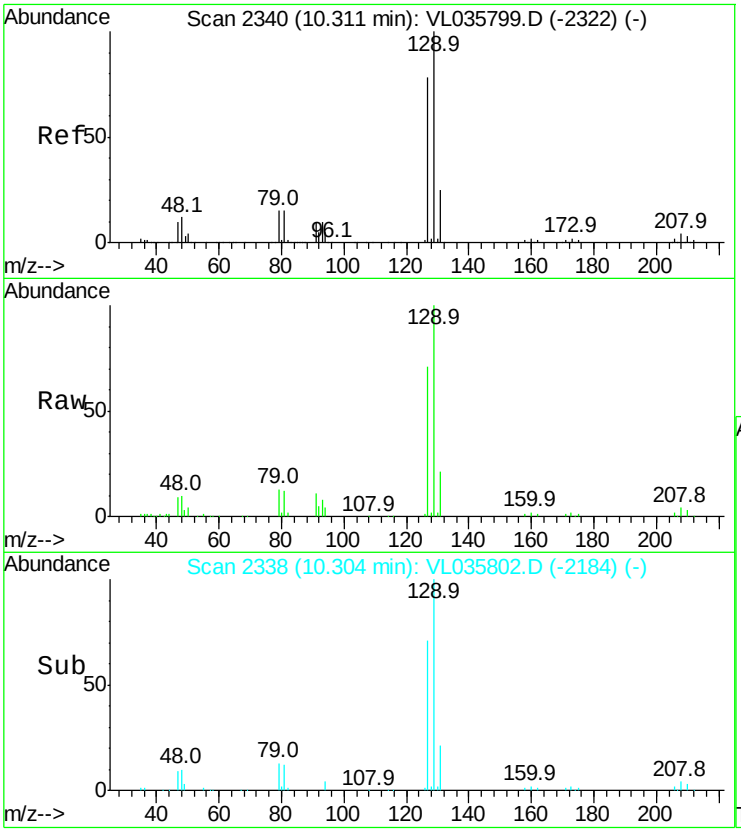


#47
1,1,2-Trichloroethane
Concen: 0.550 ppbv
RT: 9.47 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 97 Resp: 106354

Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.1	100.7
85	51.2	44.7	67.1
99	61.9	49.7	74.5



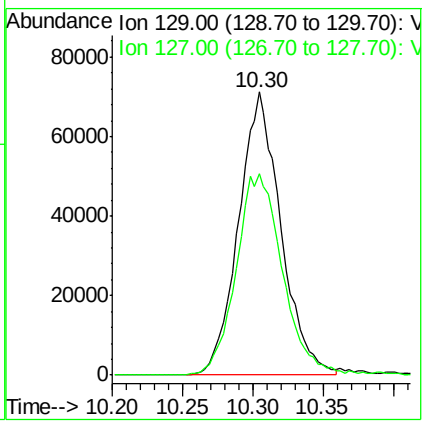


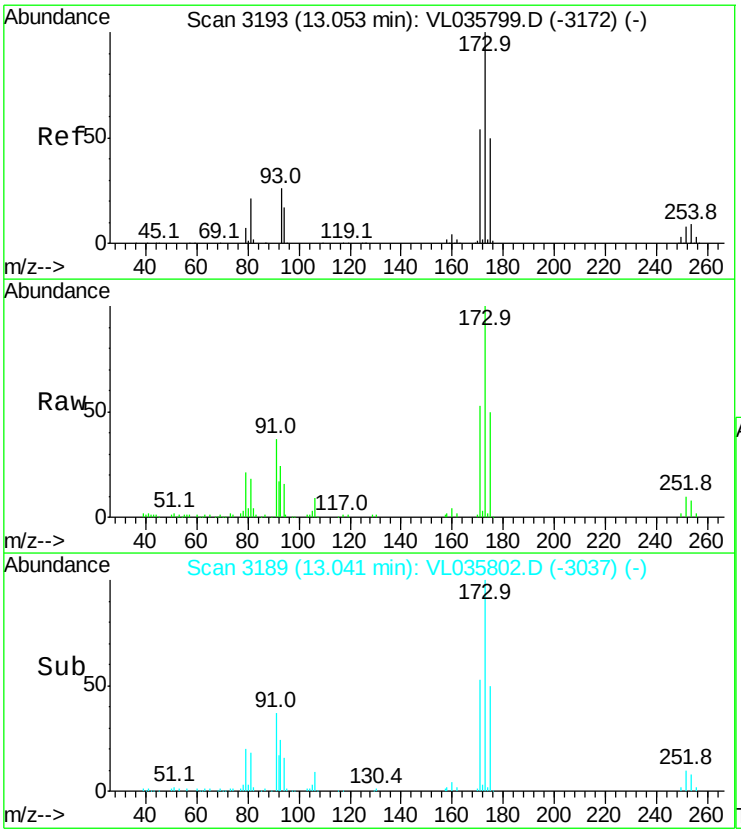
#48
Dibromochloromethane
Concen: 0.507 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 149153

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.2	117.6

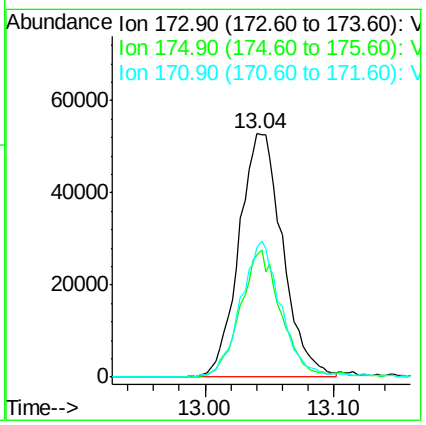


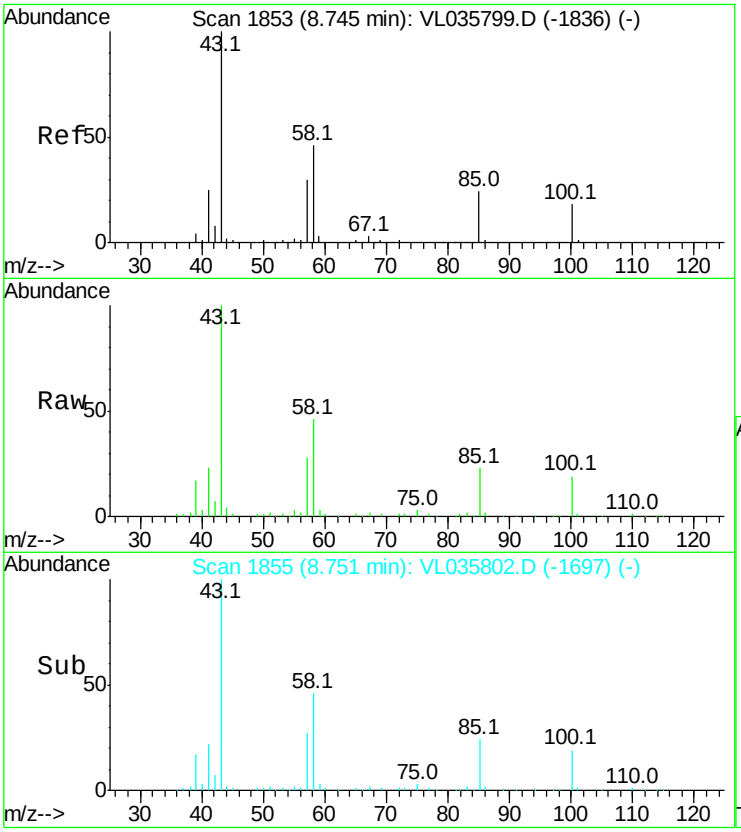


#49
Bromoform
Concen: 0.499 ppbv
RT: 13.04 min Scan# 3189
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:173 Resp: 124509

Ion	Ratio	Lower	Upper
173	100		
175	49.5	40.1	60.1
171	52.6	42.6	63.8



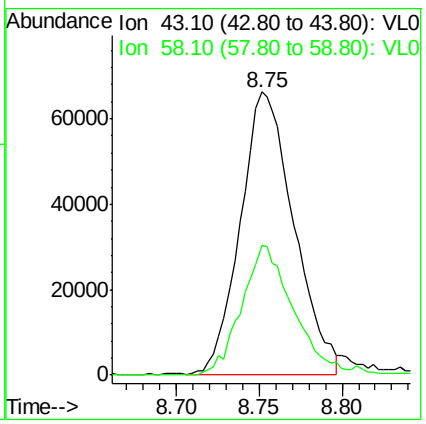


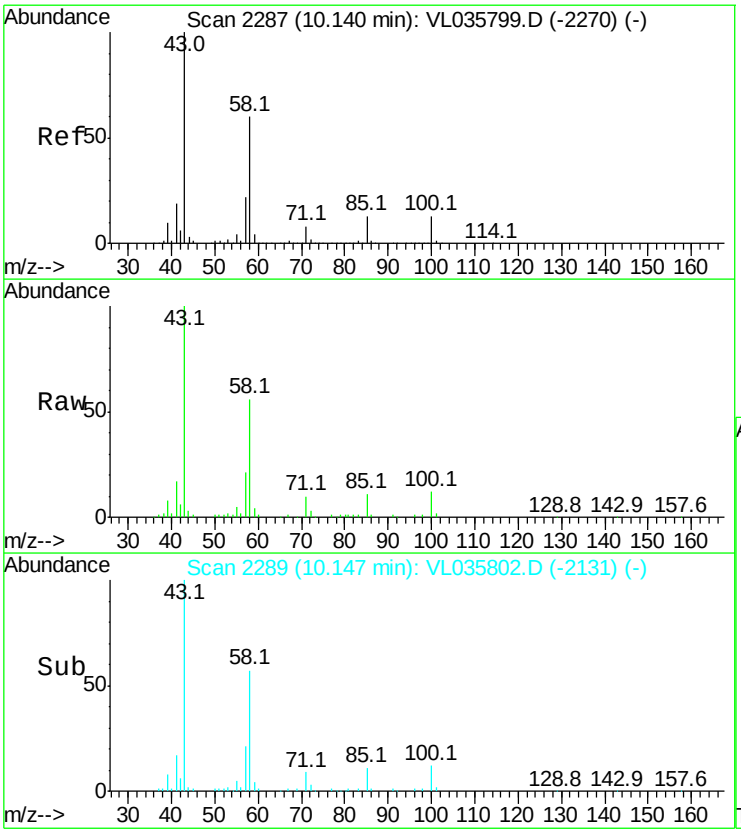
#50
4-Methyl-2-Pentanone
Concen: 0.534 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 147510

Ion	Ratio	Lower	Upper
43	100		
58	45.9	36.0	54.0

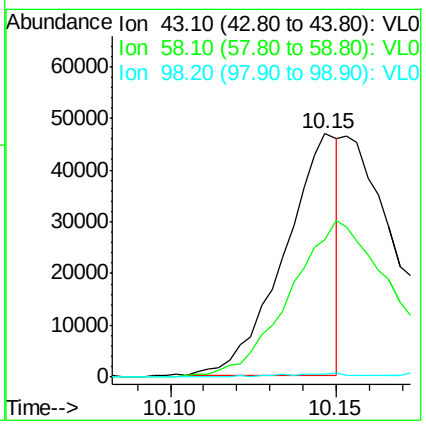


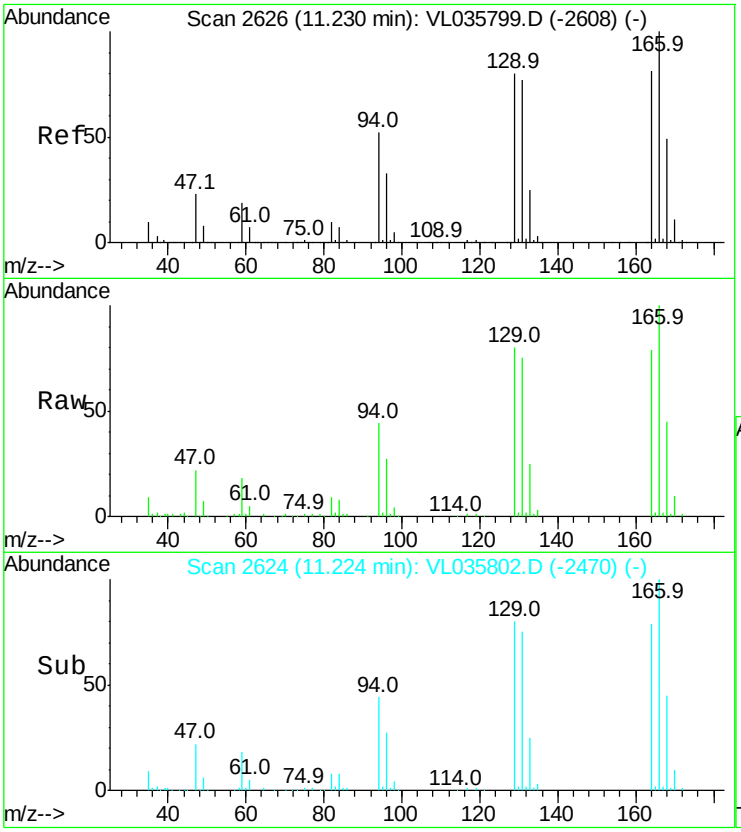


#51
2-Hexanone
Concen: 0.238 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 43 Resp: 52908

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.3	72.5#
98	0.0	0.6	0.8#



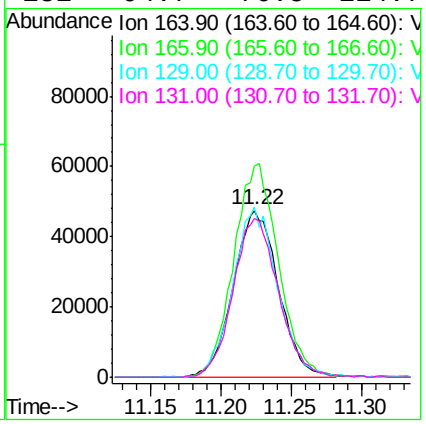


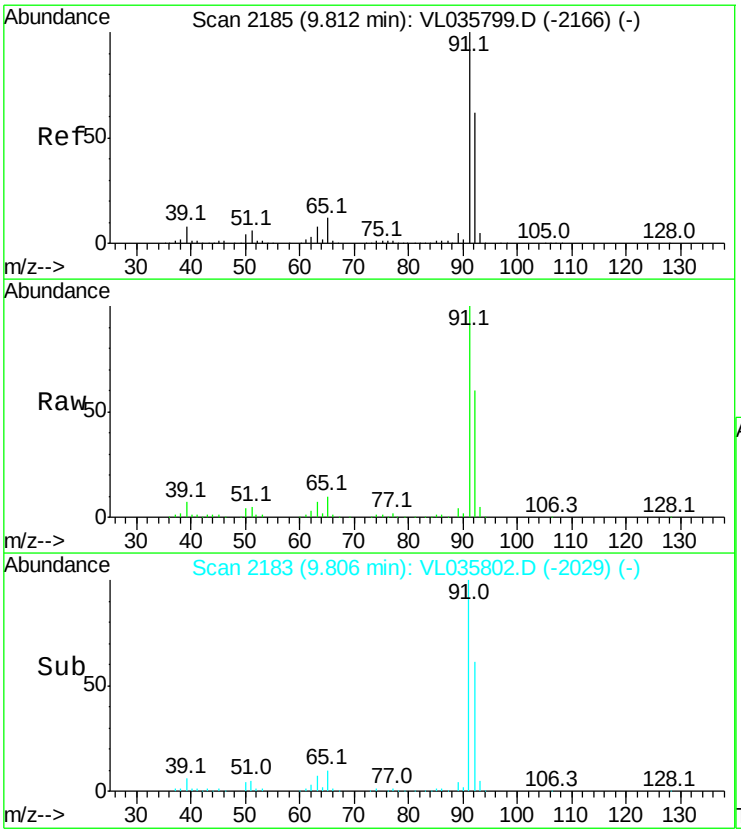
#52
Tetrachloroethene
Concen: 0.596 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:164 Resp: 106691

Ion	Ratio	Lower	Upper
164	100		
166	126.4	99.3	148.9
129	101.8	79.3	118.9
131	94.7	76.5	114.7

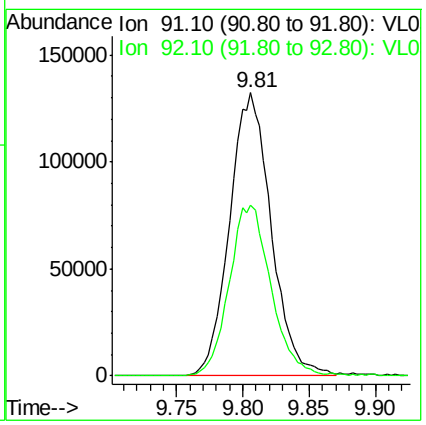


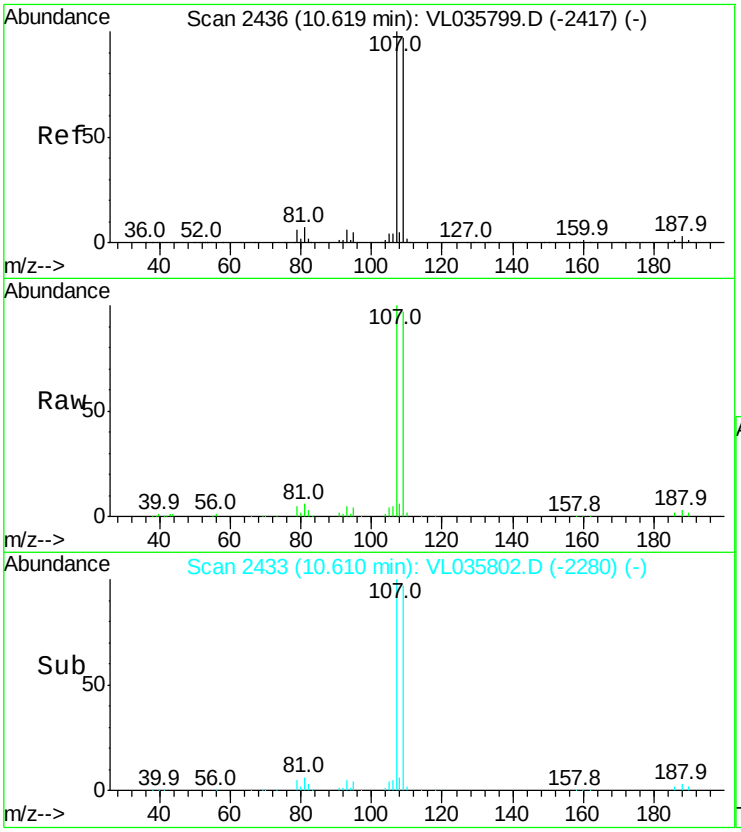


#53
Toluene
Concen: 0.652 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 91 Resp: 286471

Ion	Ratio	Lower	Upper
91	100		
92	61.5	49.8	74.6



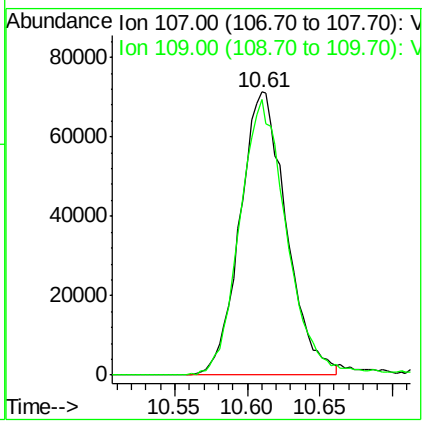


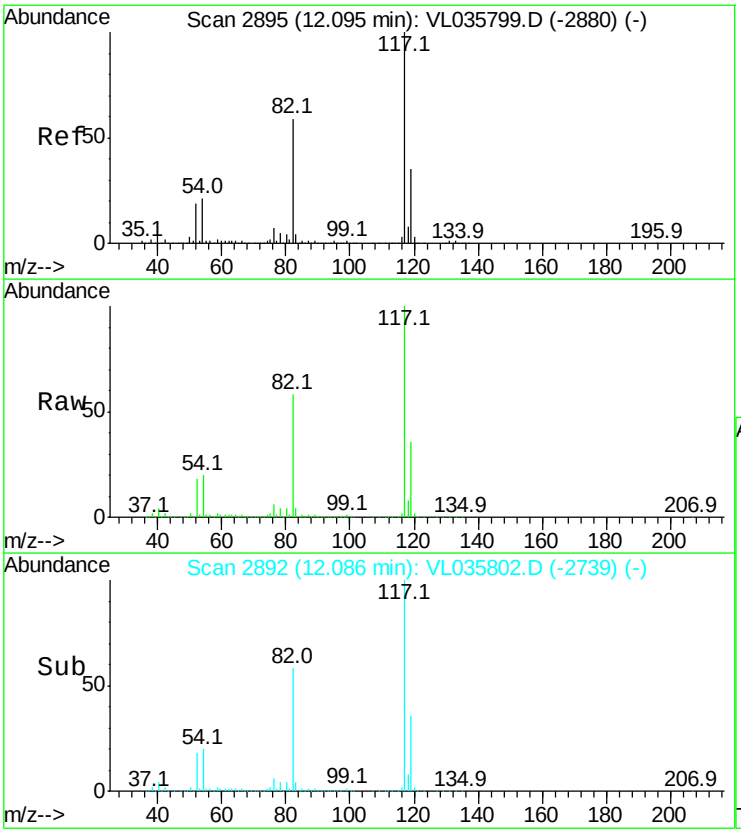
#54
1,2-Dibromoethane
Concen: 0.547 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:107 Resp: 158474

Ion	Ratio	Lower	Upper
107	100		
109	97.4	77.2	115.8

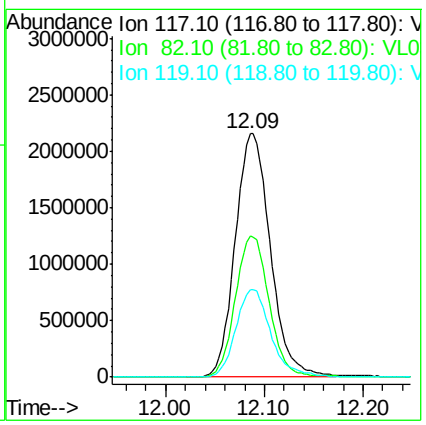


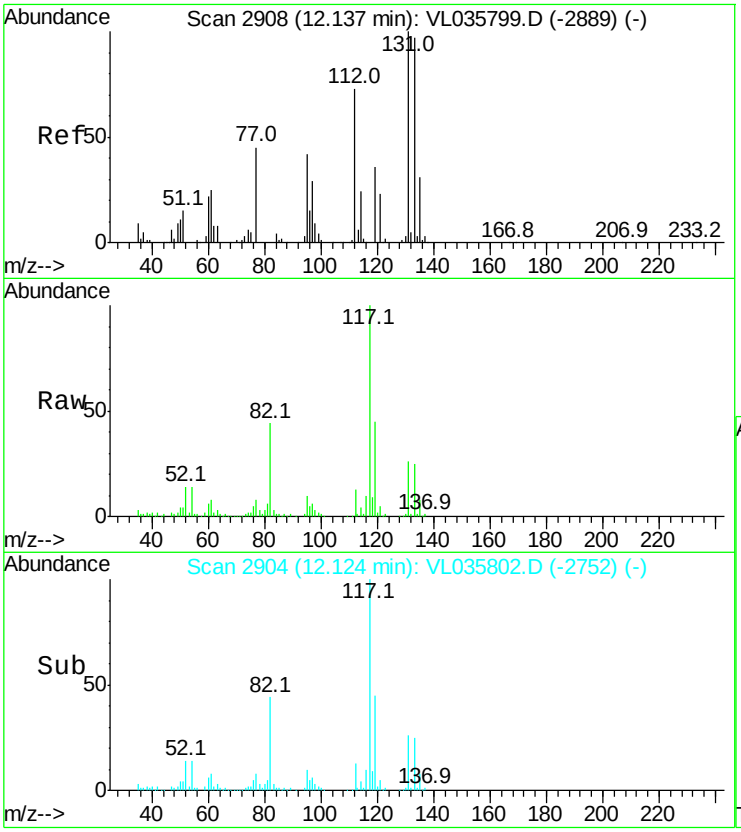


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:117 Resp: 5317210

Ion	Ratio	Lower	Upper
117	100		
82	56.3	50.6	76.0
119	36.3	52.6	78.8#



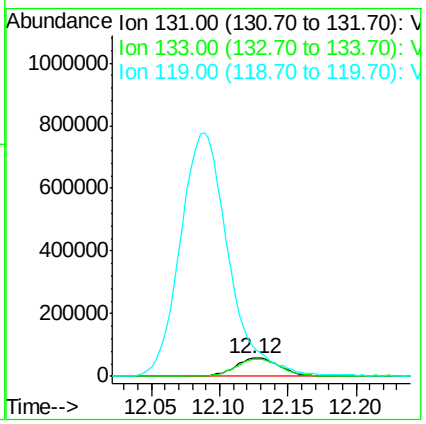


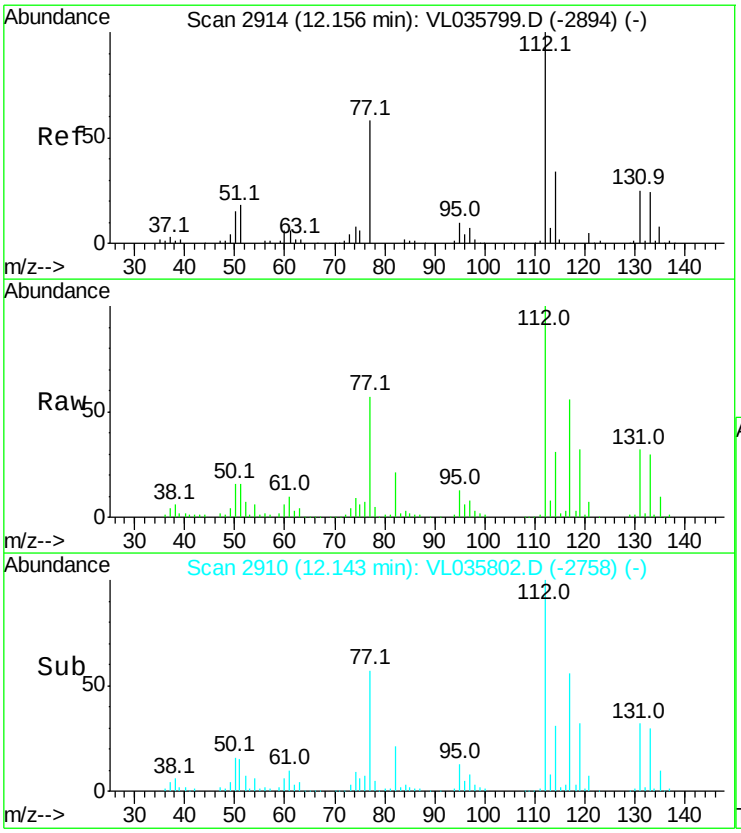
#56
1,1,1,2-Tetrachloroethane
Concen: 0.595 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:131 Resp: 132670

Ion	Ratio	Lower	Upper
131	100		
133	96.1	76.8	115.2
119	1447.1	47.4	71.0#

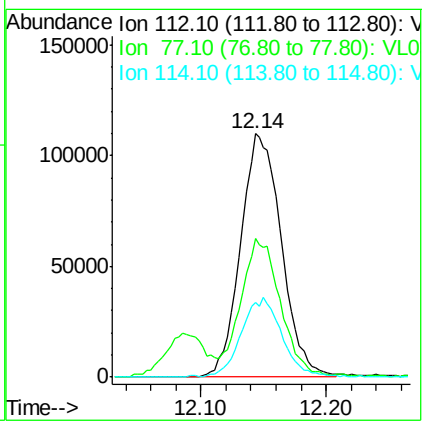


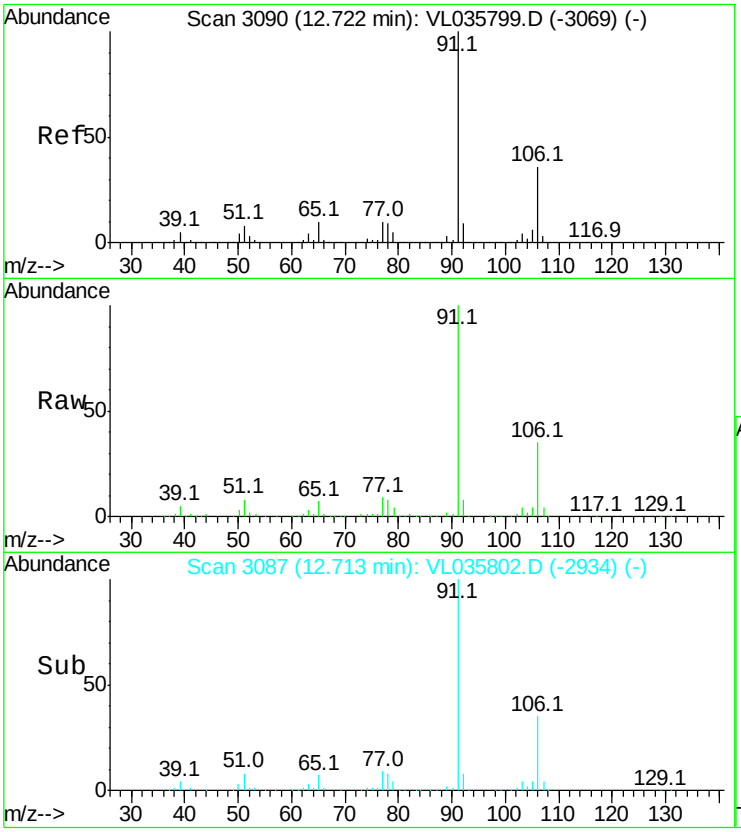


#57
Chlorobenzene
Concen: 0.618 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:112 Resp: 248060

Ion	Ratio	Lower	Upper
112	100		
77	56.0	47.5	71.3
114	30.7	30.3	37.1



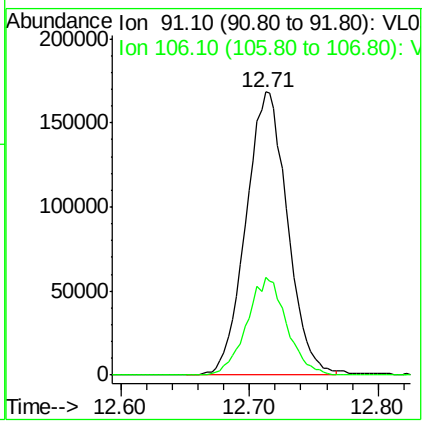


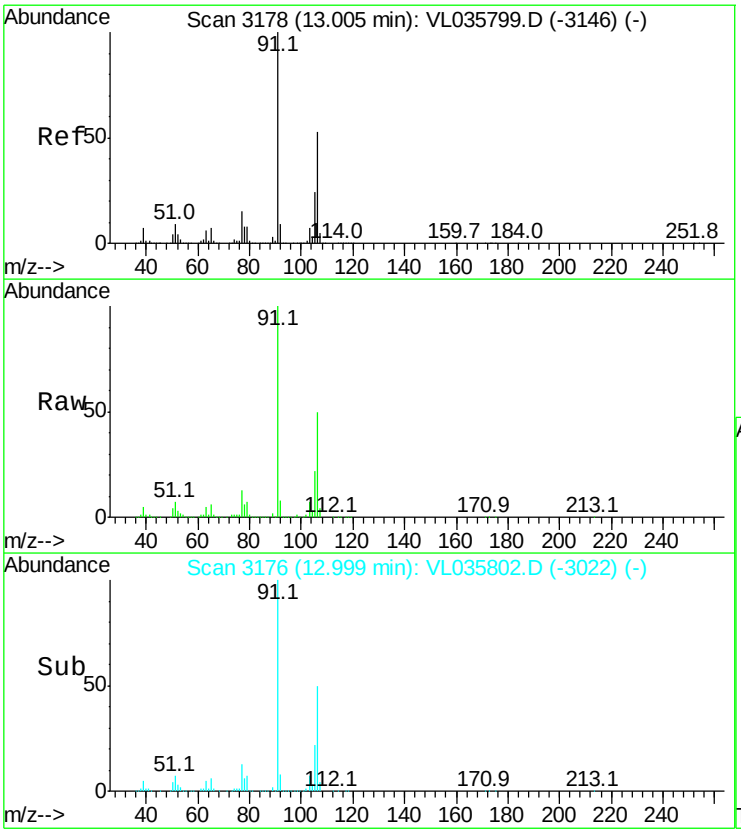
#58
Ethyl Benzene
Concen: 0.707 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 377269

Ion	Ratio	Lower	Upper
91	100		
106	34.6	28.6	43.0

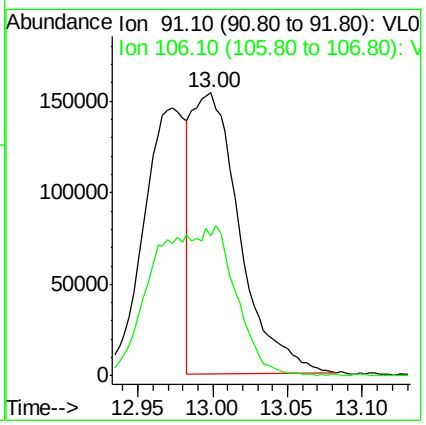


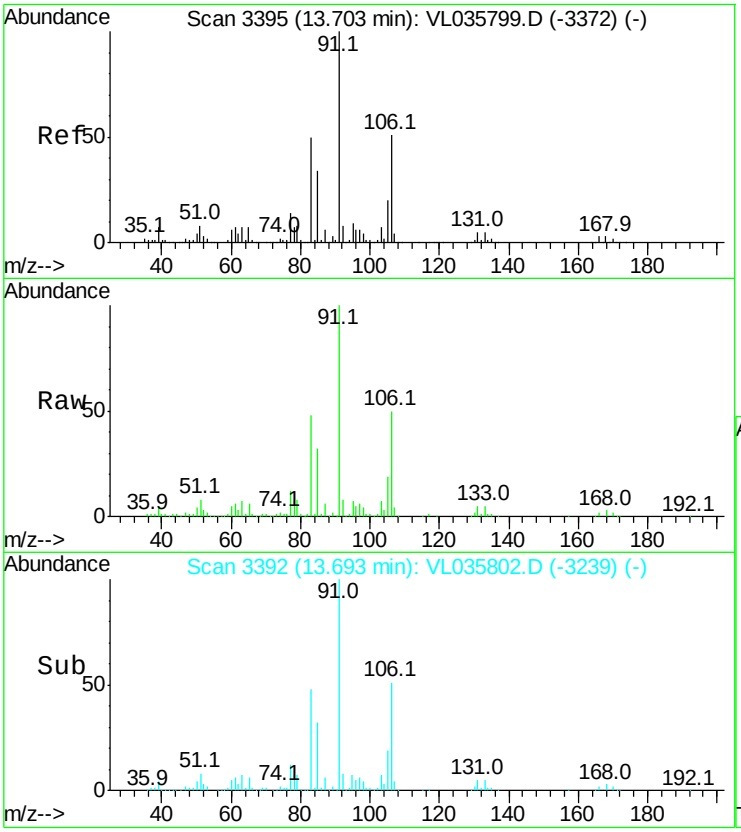


#59
m/p-Xylene
Concen: 0.733 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 91 Resp: 341606

Ion	Ratio	Lower	Upper
91	100		
106	92.7	39.5	59.3#



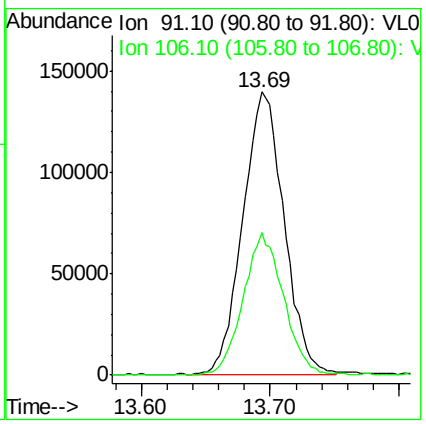


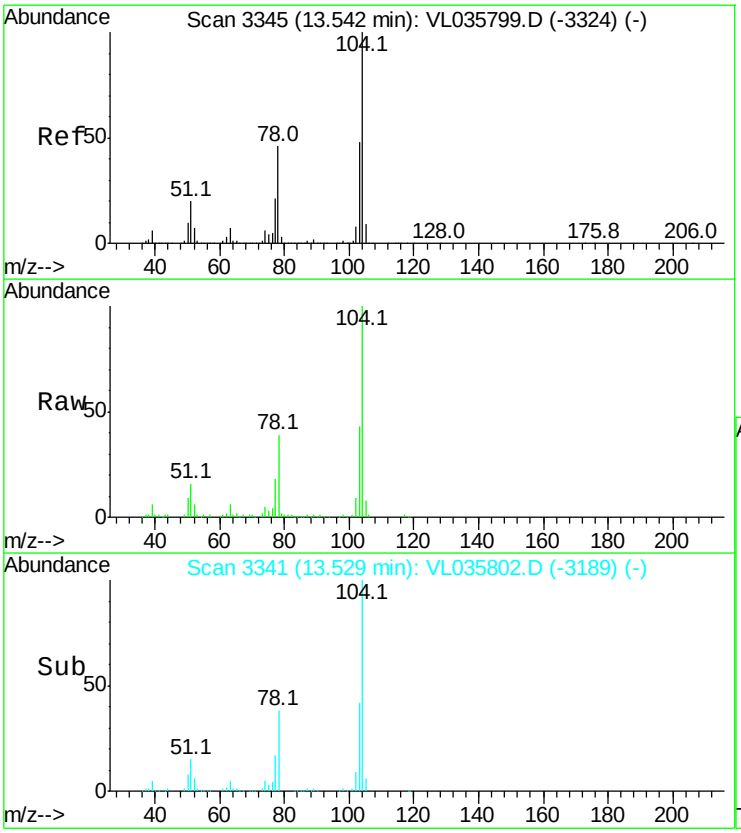
#60
o-Xylene
Concen: 0.657 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 309712

Ion	Ratio	Lower	Upper
91	100		
106	49.6	24.8	74.4

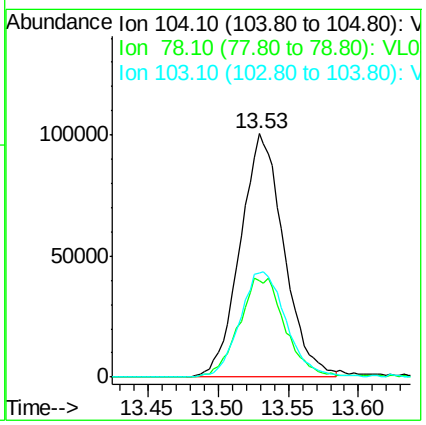


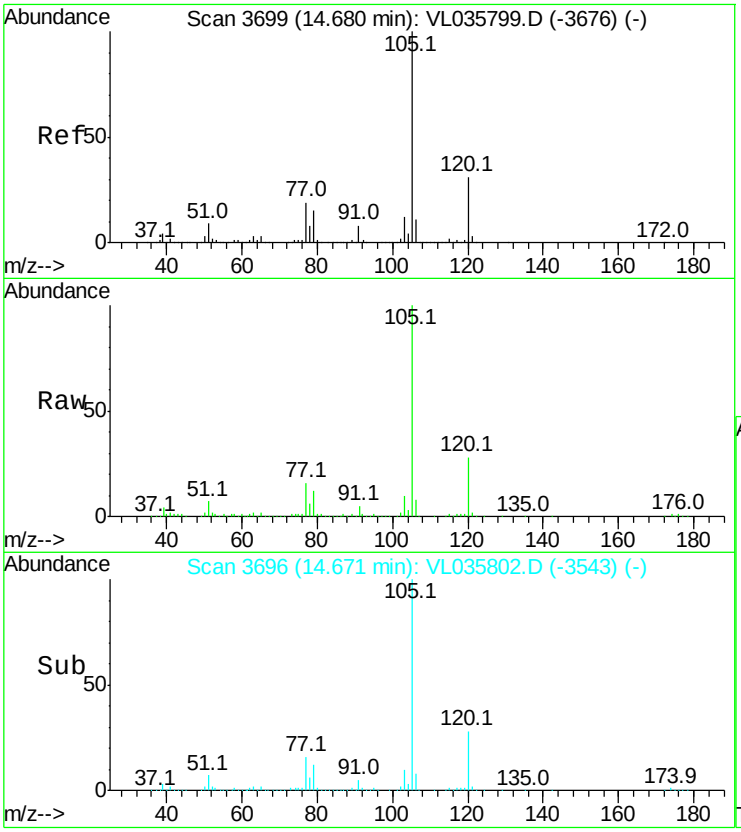


#61
Styrene
Concen: 0.669 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:104 Resp: 218083

Ion	Ratio	Lower	Upper
104	100		
78	43.6	37.1	55.7
103	46.3	37.9	56.9



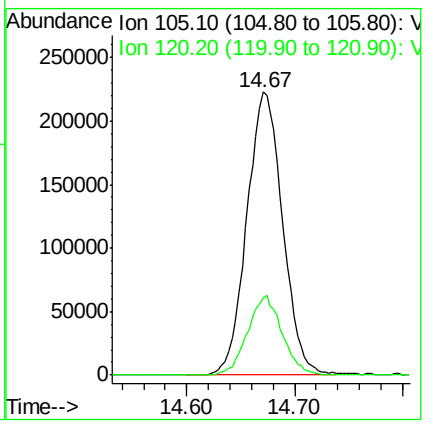


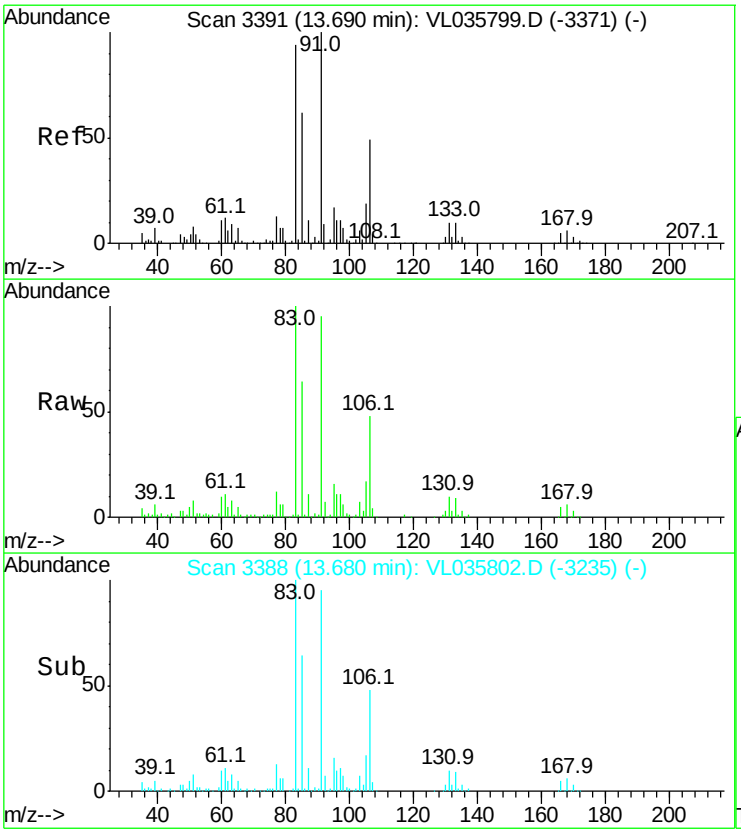
#62
Isopropylbenzene
Concen: 0.702 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 513214

Ion	Ratio	Lower	Upper
105	100		
120	27.3	23.5	35.3

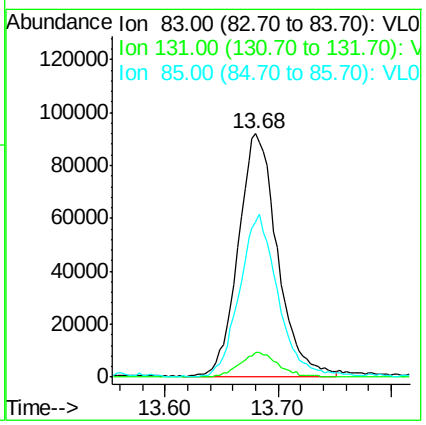


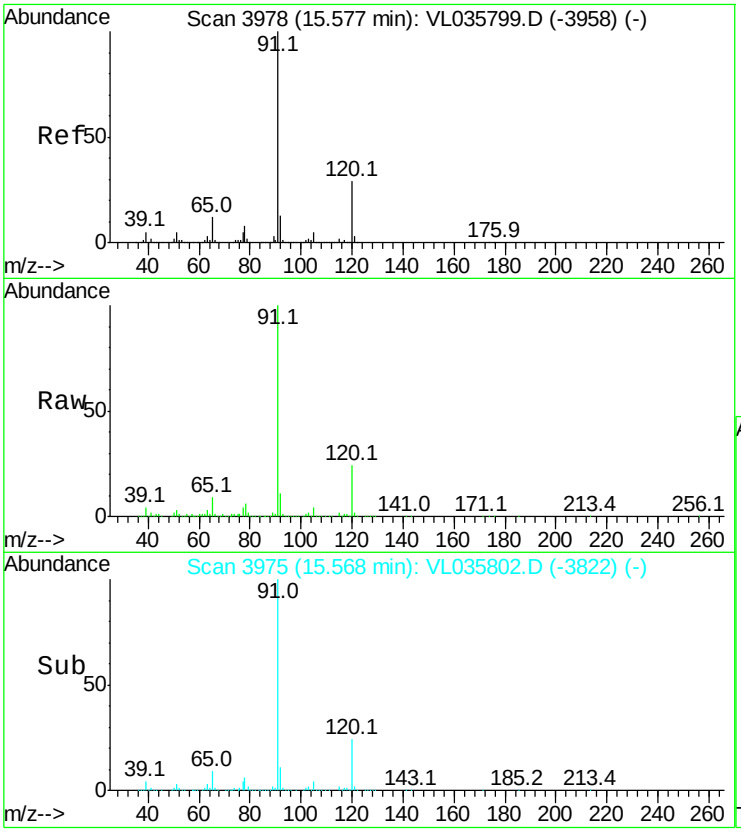


#63
1,1,2,2-Tetrachloroethane
Concen: 0.569 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 83 Resp: 220031

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	15.8
85	66.3	33.5	100.4



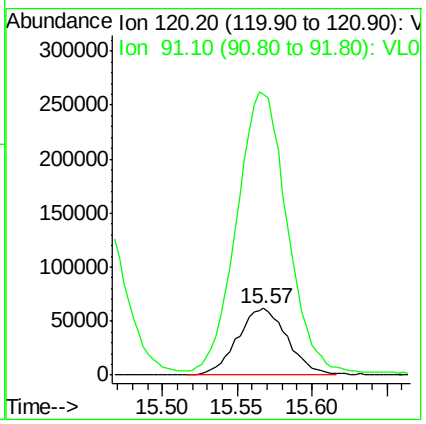


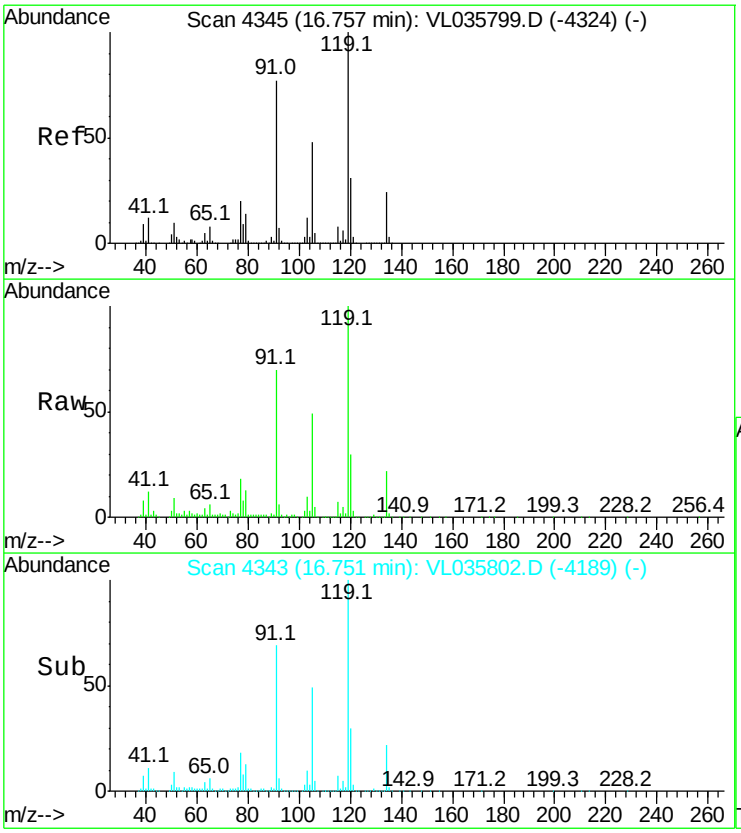
#64
n-propylbenzene
Concen: 0.671 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 143559

Ion	Ratio	Lower	Upper
120	100		
91	437.8	311.1	466.7

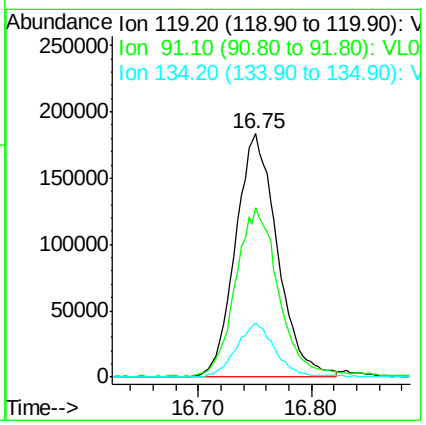


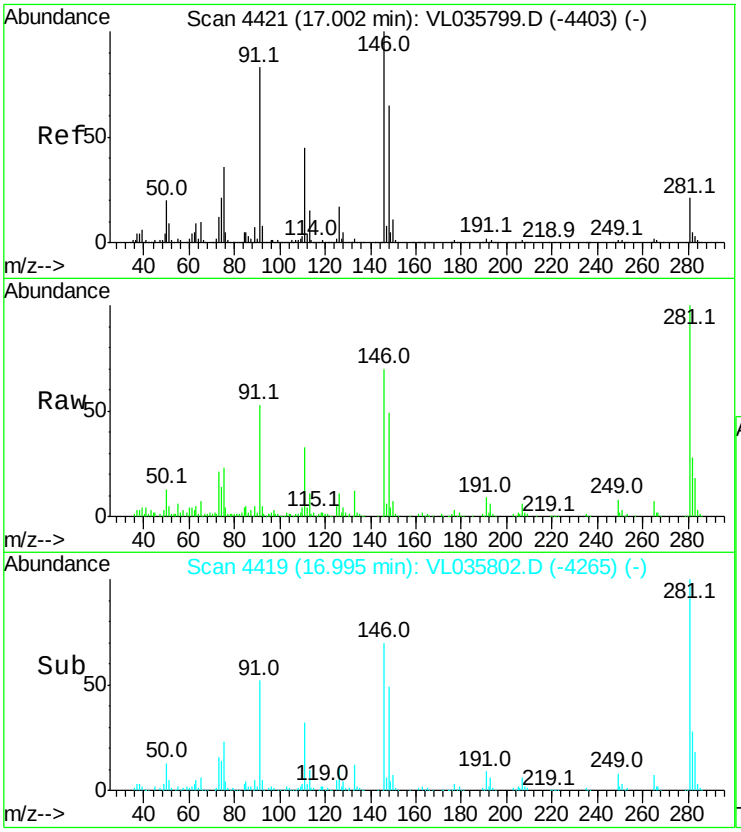


#65
tert-Butylbenzene
Concen: 0.709 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:119 Resp: 471262

Ion	Ratio	Lower	Upper
119	100		
91	72.0	62.0	93.0
134	21.0	17.8	26.8



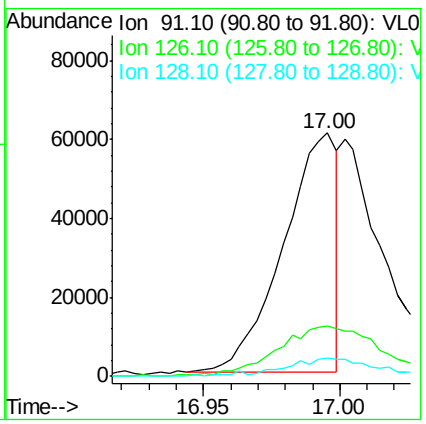


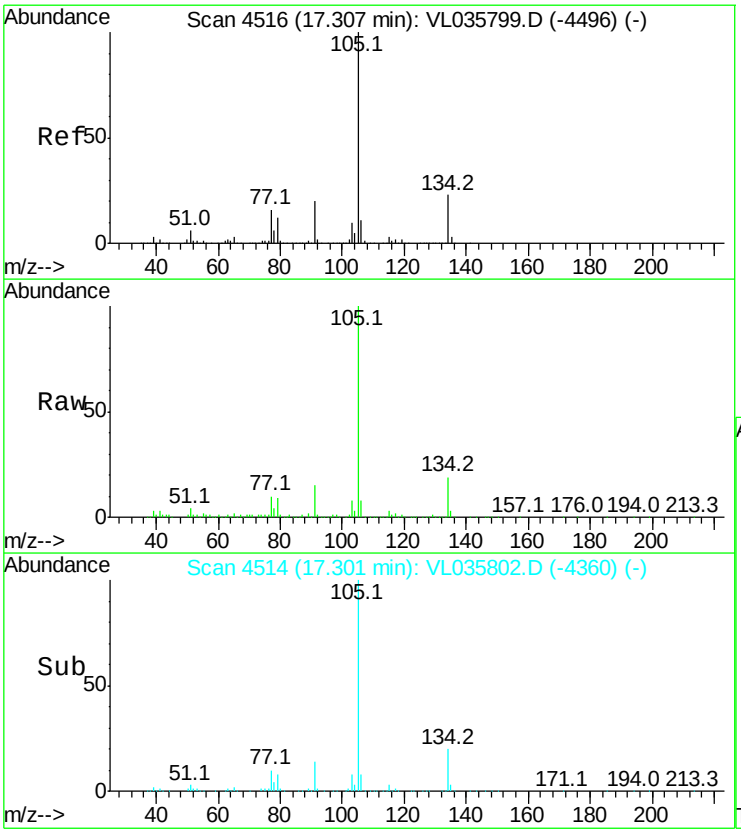
#66
Benzyl Chloride
Concen: 0.410 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 82684

Ion	Ratio	Lower	Upper
91	100		
126	43.8	16.0	24.0#
128	13.7	5.0	7.4#

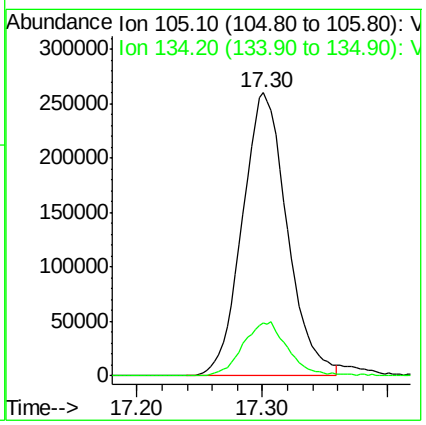


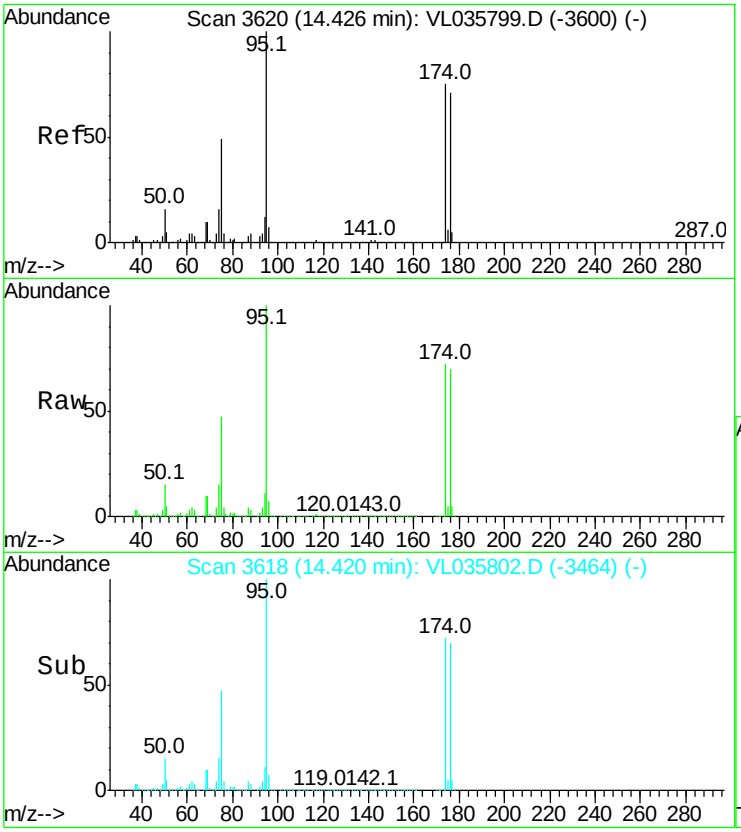


#67
sec-Butylbenzene
Concen: 0.701 ppbv
RT: 17.30 min Scan# 4514
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:105 Resp: 643637

Ion	Ratio	Lower	Upper
105	100		
134	19.5	17.0	25.6



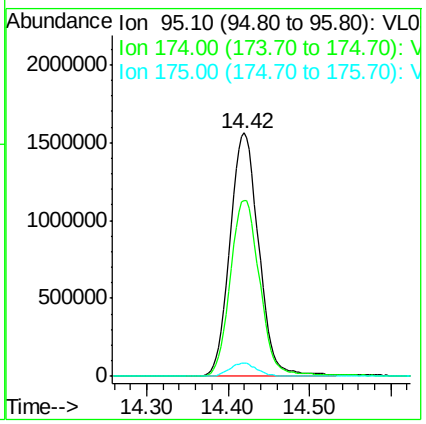


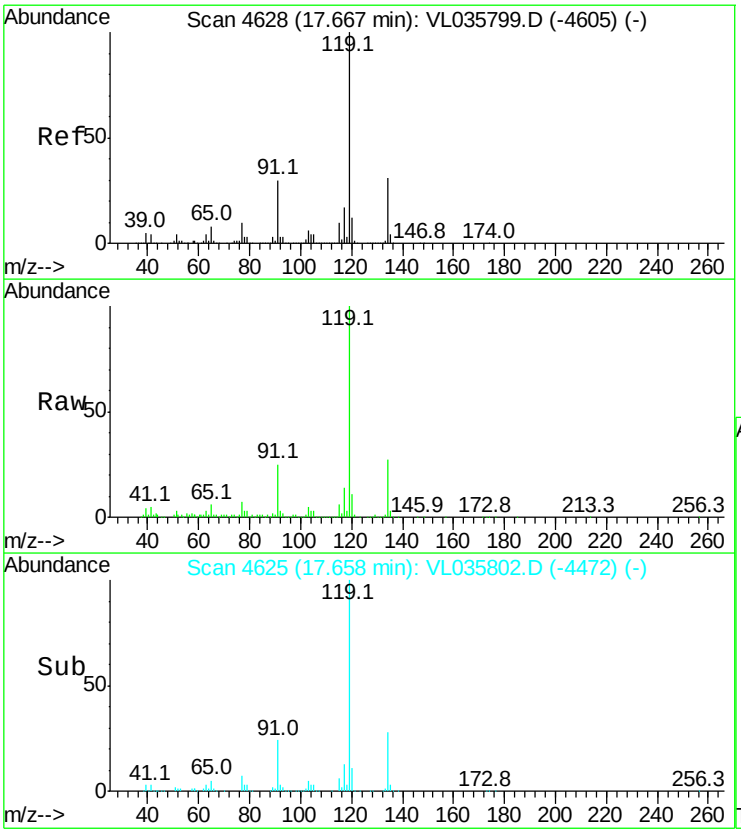
#68
1-Bromo-4-Fluorobenzene
Concen: 9.693 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 95 Resp: 3862101

Ion	Ratio	Lower	Upper
95	100		
174	74.8	59.8	89.6
175	5.4	4.3	6.5

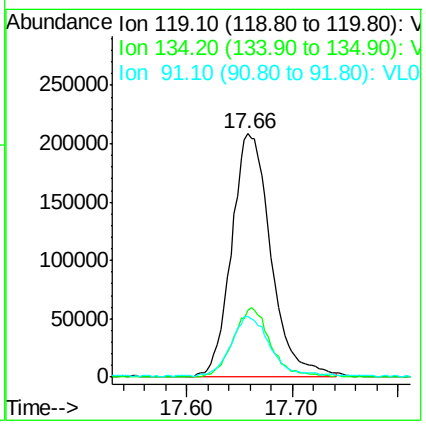


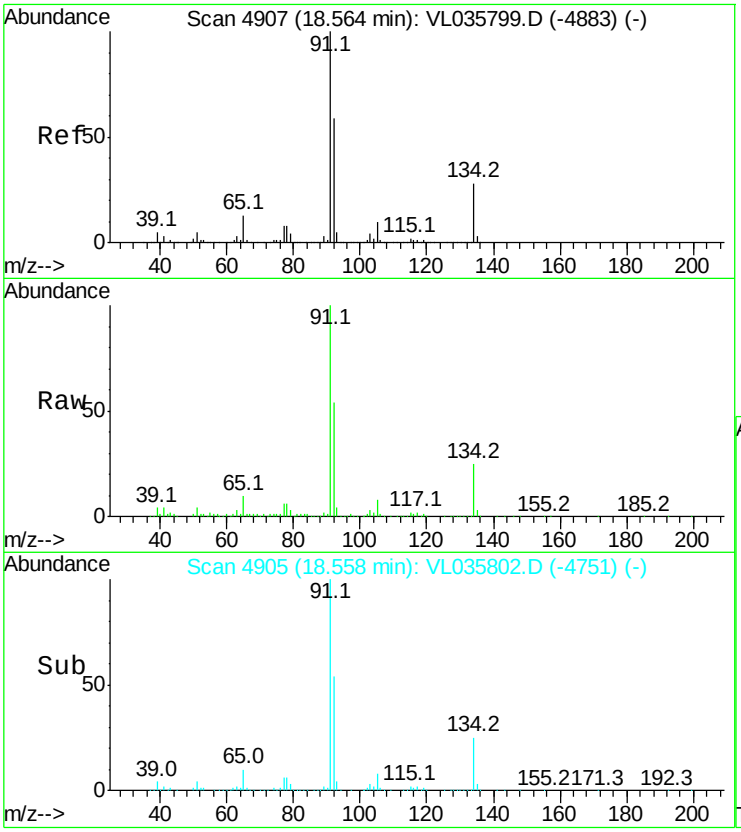


#69
p-Isopropyltoluene
Concen: 0.721 ppbv
RT: 17.66 min Scan# 4625
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:119 Resp: 538608

Ion	Ratio	Lower	Upper
119	100		
134	27.2	23.0	34.6
91	24.8	22.8	34.2



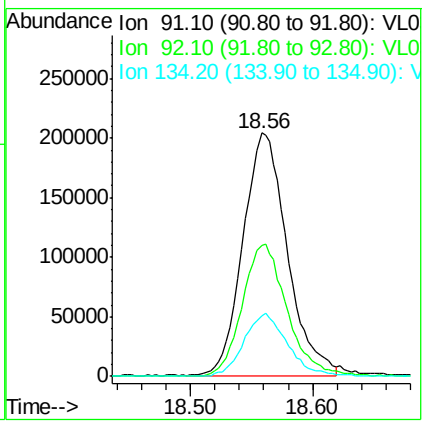


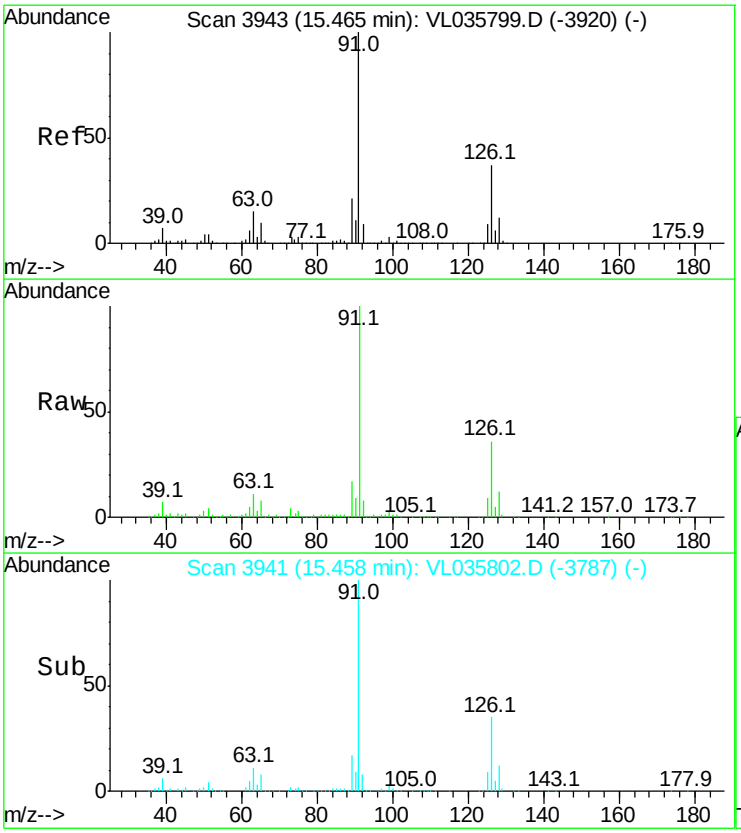
#70
n-Butylbenzene
Concen: 0.664 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 510434

Ion	Ratio	Lower	Upper
91	100		
92	55.1	45.7	68.5
134	25.6	21.0	31.4

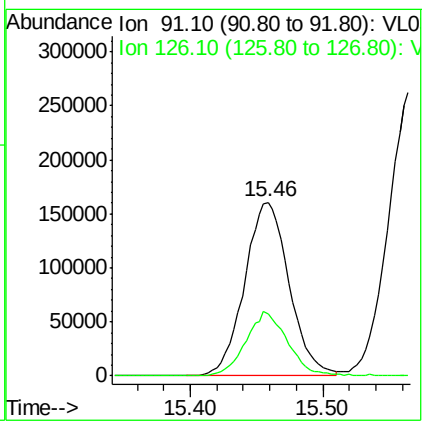


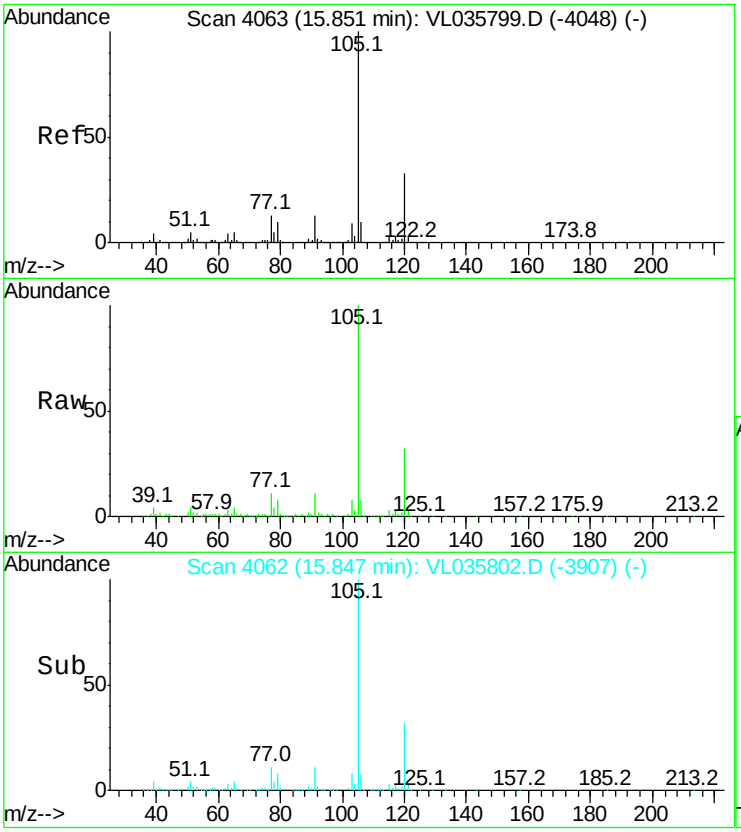


#71
2-Chlorotoluene
Concen: 0.702 ppbv
RT: 15.46 min Scan# 3941
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion: 91 Resp: 374574

Ion	Ratio	Lower	Upper
91	100		
126	35.2	14.3	57.1



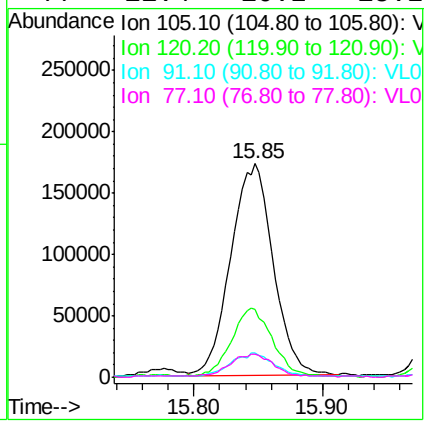


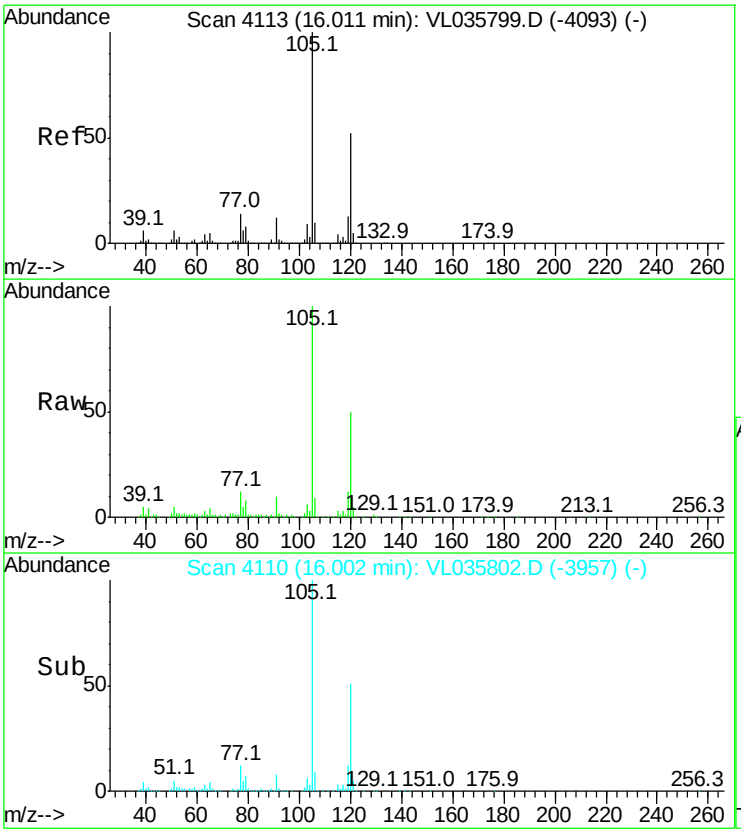
#72
4-Ethyltoluene
Concen: 0.707 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:105 Resp: 394727

Ion	Ratio	Lower	Upper
105	100		
120	32.5	25.9	38.9
91	11.3	9.9	14.9
77	11.4	10.2	15.2

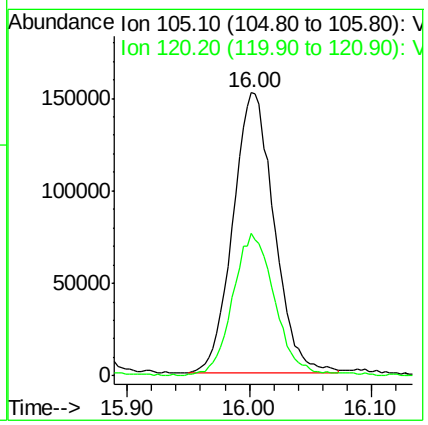


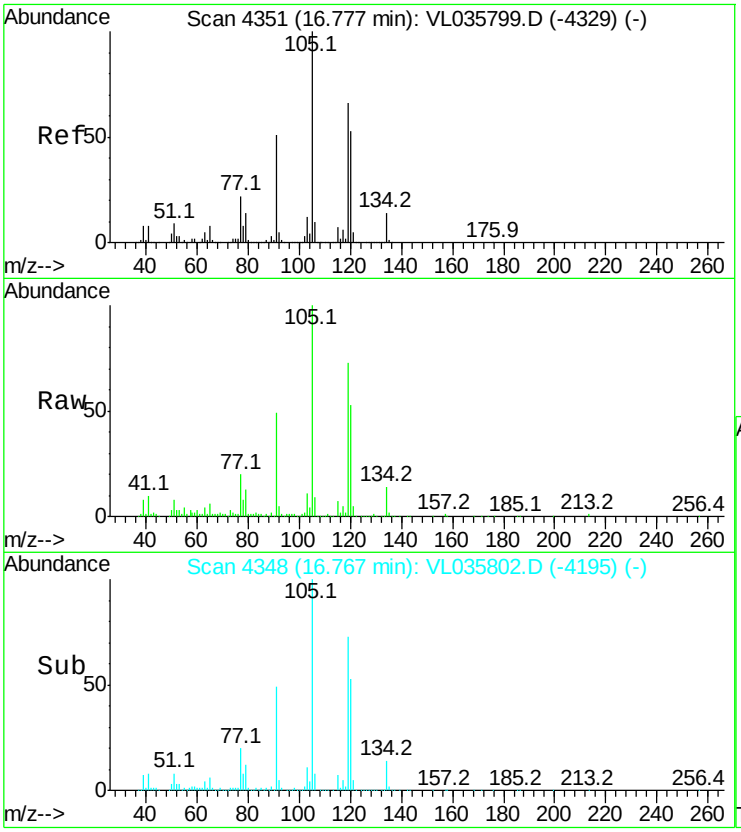


#73
1,3,5-Trimethylbenzene
Concen: 0.671 ppbv
RT: 16.00 min Scan# 4110
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:105 Resp: 354293

Ion	Ratio	Lower	Upper
105	100		
120	50.4	41.4	62.2



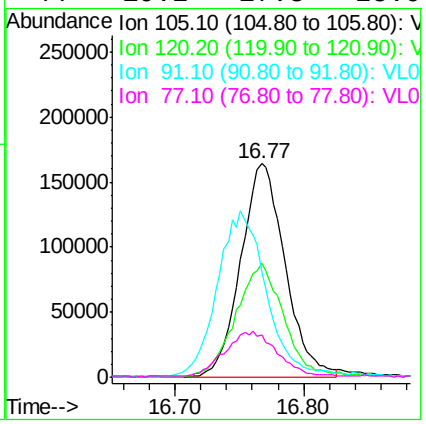


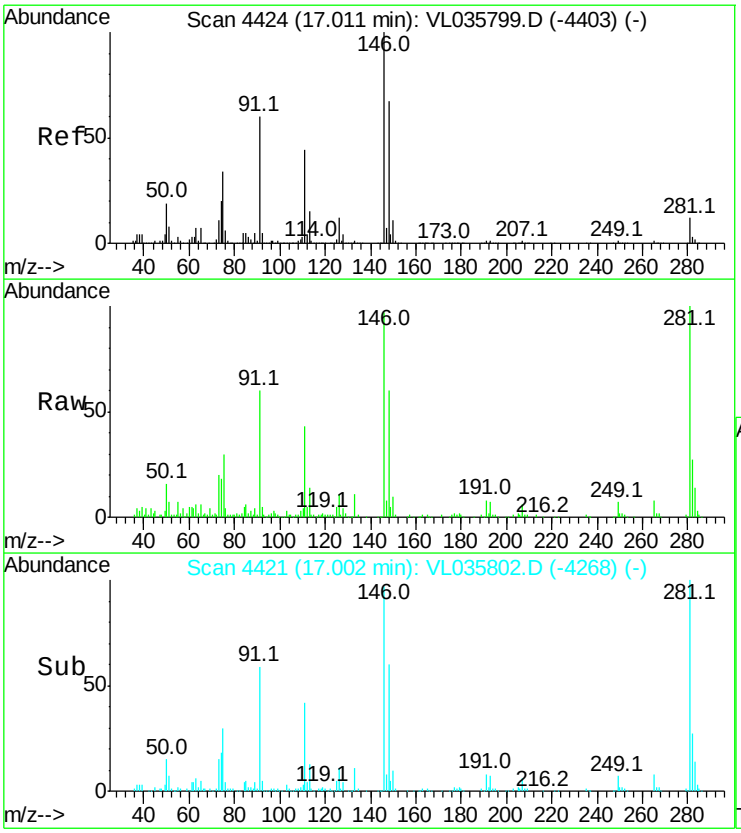
#74
1,2,4-Trimethylbenzene
Concen: 0.656 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 390431

Ion	Ratio	Lower	Upper
105	100		
120	52.6	42.0	63.0
91	47.4	41.0	61.6
77	19.2	17.3	25.9

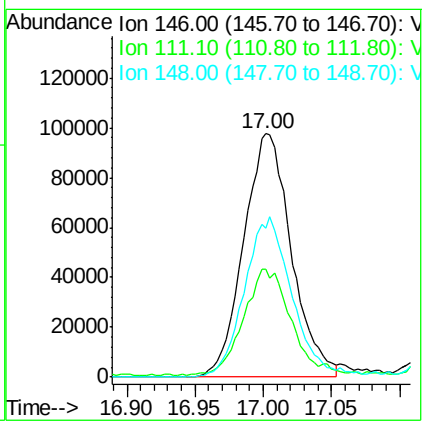


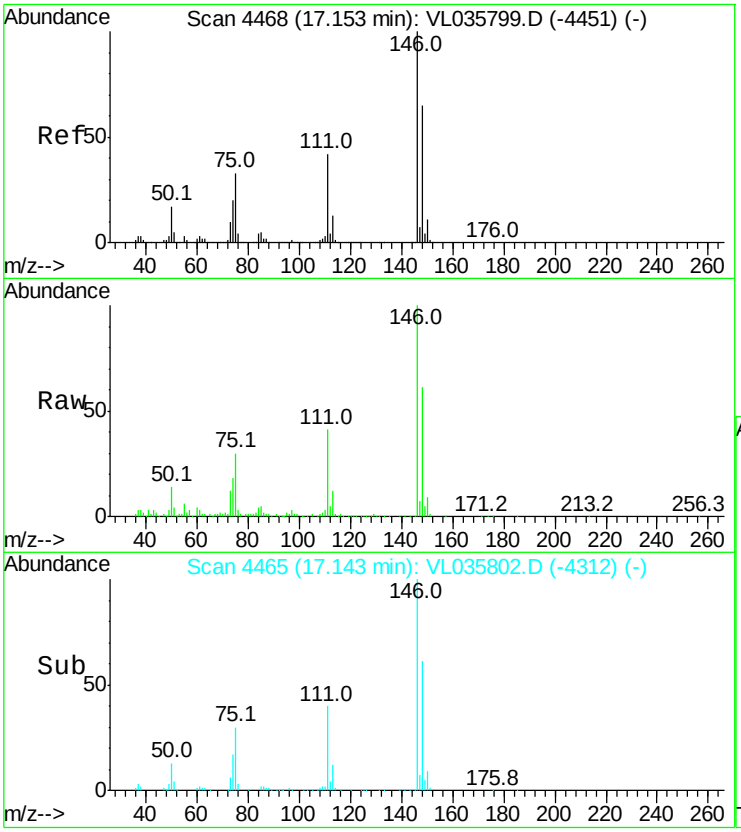


#75
1,3-Dichlorobenzene
Concen: 0.585 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:146 Resp: 237791

Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.8	65.4
148	66.0	32.5	97.5



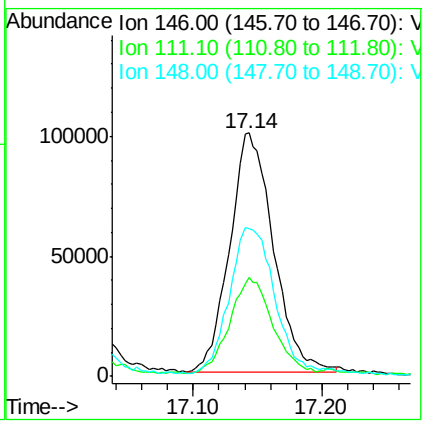


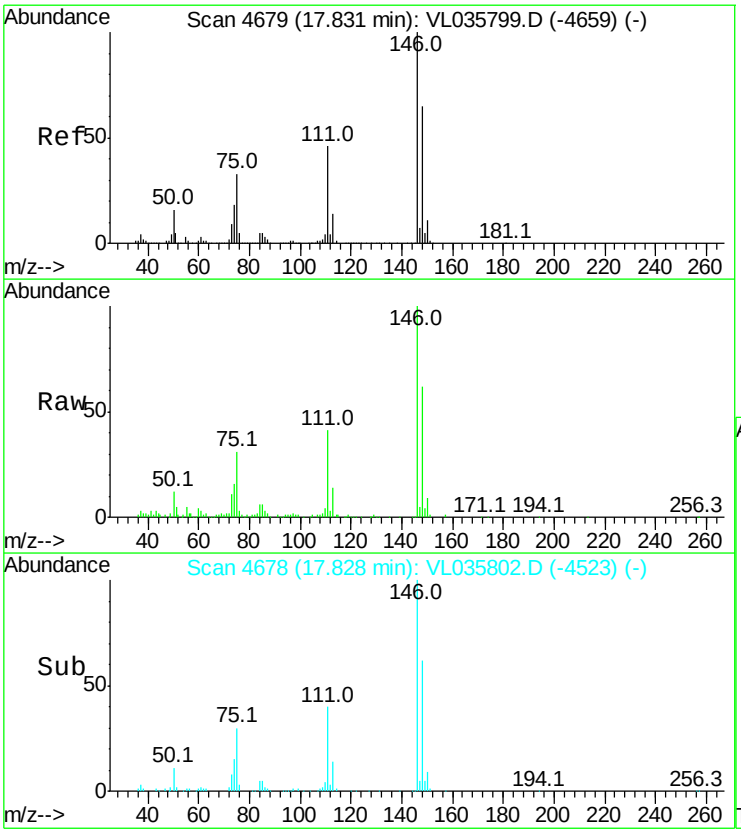
#76
1,4-Dichlorobenzene
Concen: 0.602 ppbv
RT: 17.14 min Scan# 4465
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 233798

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.3	63.7
148	68.5	33.0	99.0

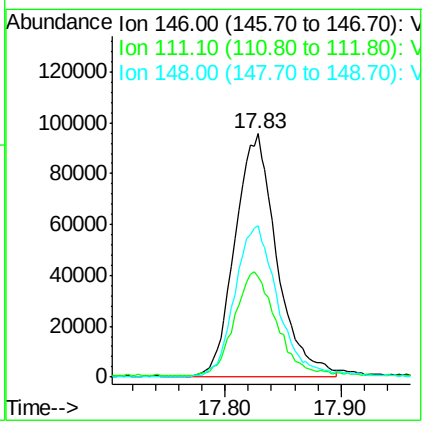


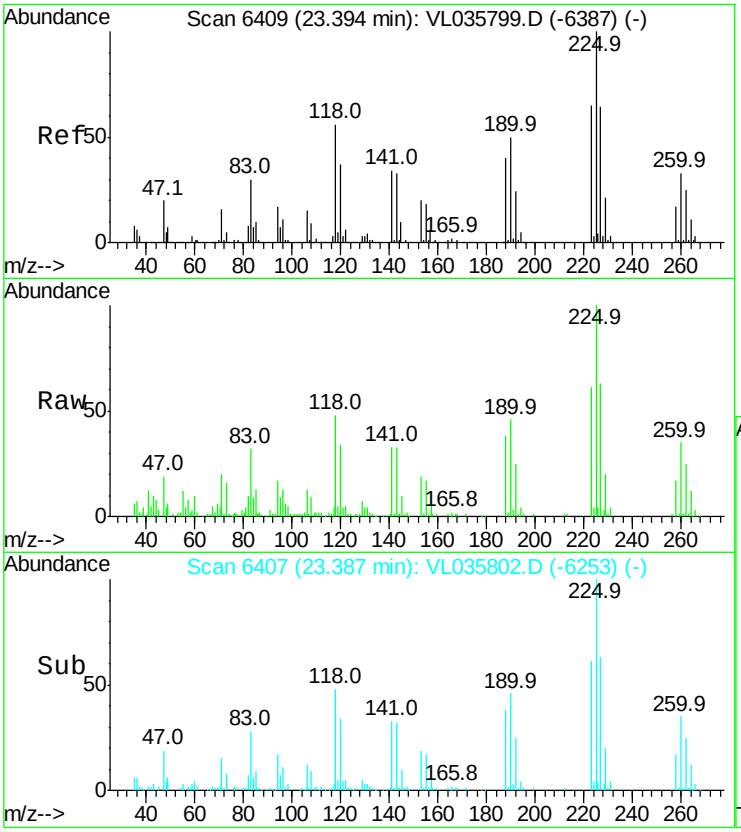


#77
1,2-Dichlorobenzene
Concen: 0.622 ppbv
RT: 17.83 min Scan# 4678
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:146 Resp: 238459

Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.4	67.0
148	65.5	32.5	97.5



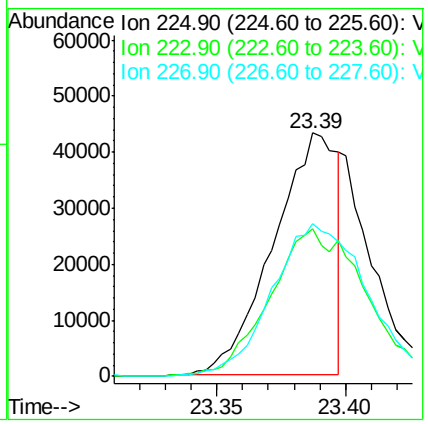


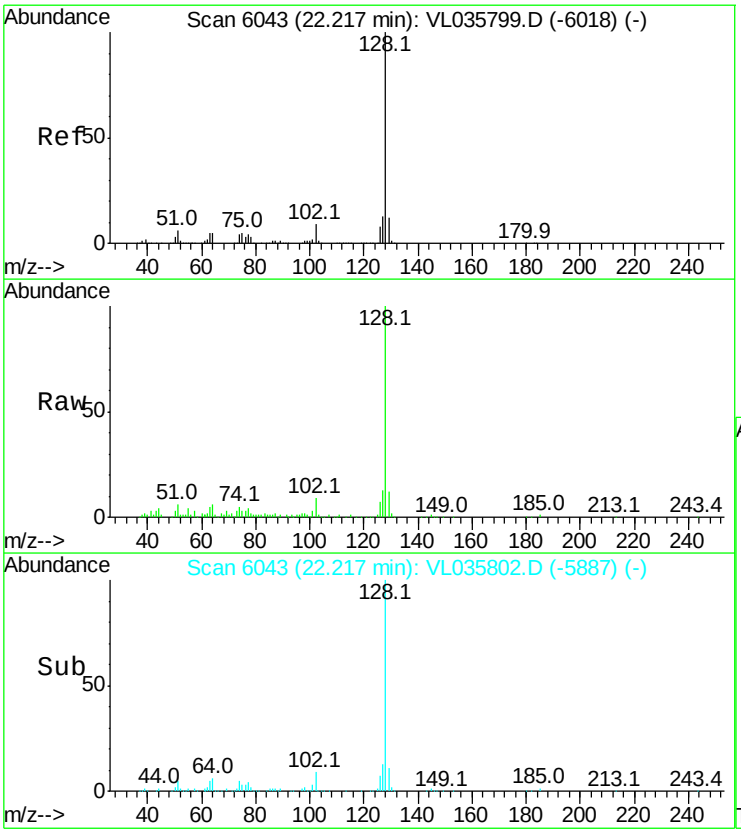
#78
Hexachloro-1,3-Butadiene
Concen: 0.350 ppbv
RT: 23.39 min Scan# 6407
Delta R.T. -0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:225 Resp: 74065

Ion	Ratio	Lower	Upper
225	100		
223	90.7	51.0	76.6#
227	94.1	51.2	76.8#

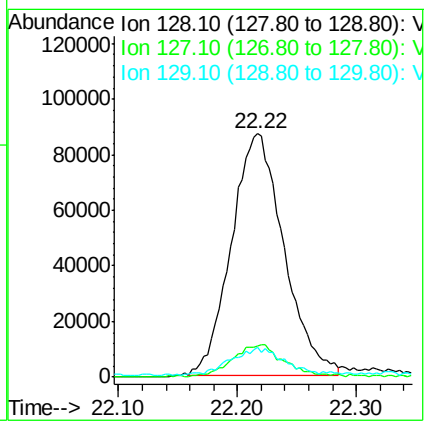


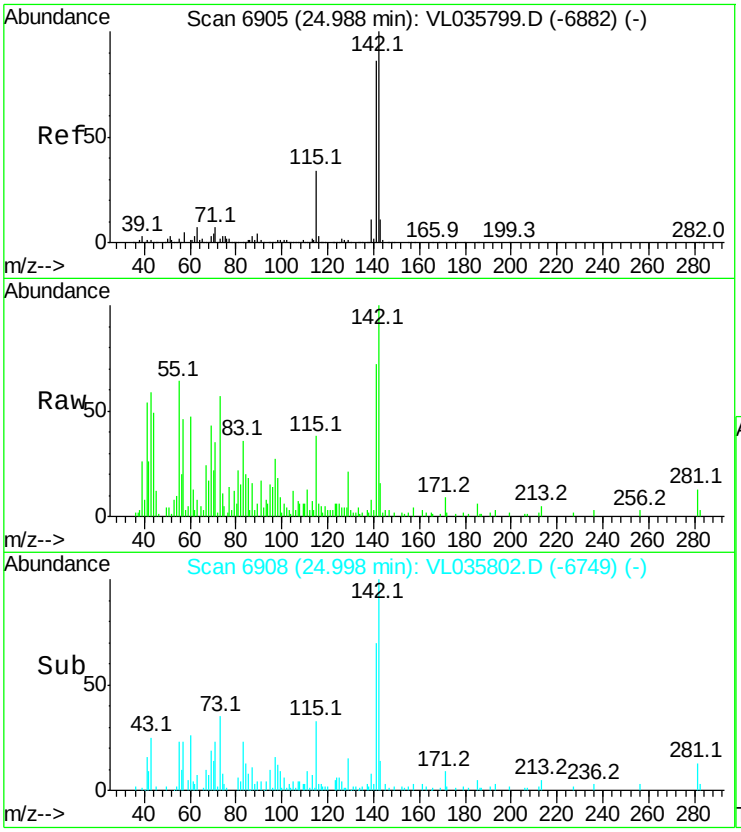


#79
Naphthalene
Concen: 0.467 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. 0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:128 Resp: 264965

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.9	9.2	13.8



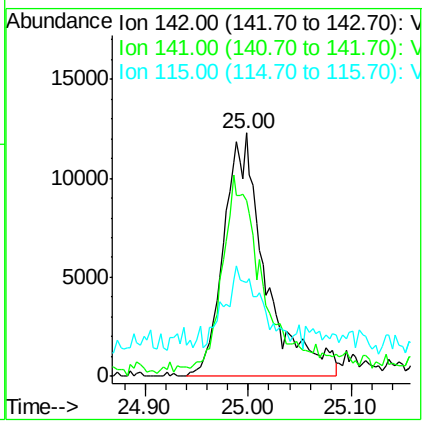


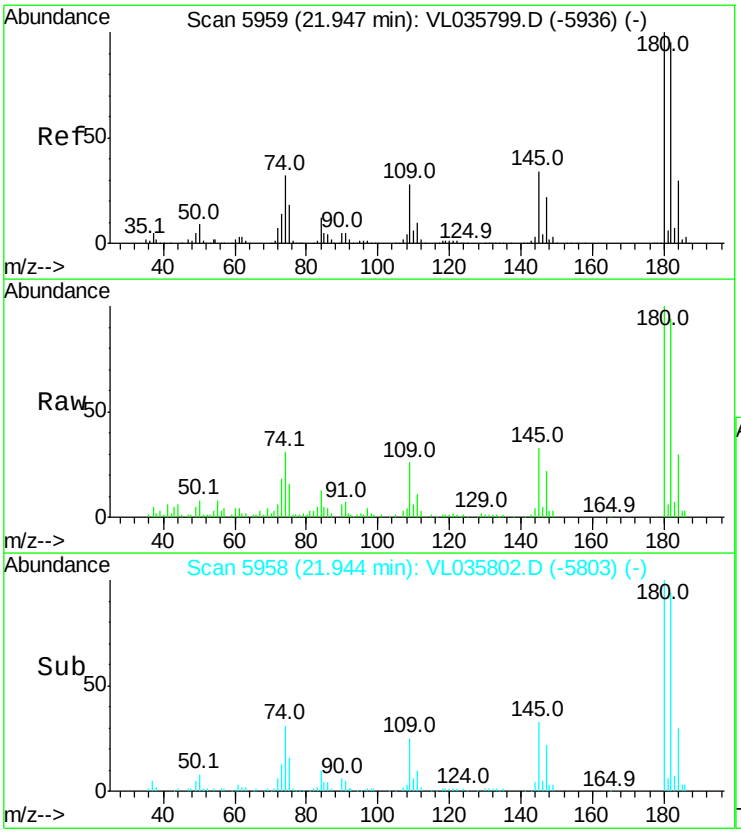
#80
Naphthalene,2-methyl-
Concen: 0.258 ppbv
RT: 25.00 min Scan# 6908
Delta R.T. 0.01 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:142 Resp: 34559

Ion	Ratio	Lower	Upper
142	100		
141	91.7	67.8	101.8
115	35.0	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 0.495 ppbv
RT: 21.94 min Scan# 5958
Delta R.T. -0.00 min
Lab File: VL035802.D
Acq: 3 Nov 2020 12:25

Tgt Ion:180 Resp: 145474

Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.2	115.8
184	31.5	24.7	37.1