Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038717.D
Acq On : 23 Mar 2022 15:44
Operator : SY/AP
Sample : VL0323ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0323ABS01

Quant Time: Mar 24 04:33:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	780742	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2078410	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2367666	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1424612	7.85	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 78.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	883862	8.421	ppbv	98
3) Chlorodifluoromethane	2.99	51	807190	9.789	ppbv	98
4) Chloromethane	3.14	50	437956	9.674	ppbv	100
5) Vinyl Chloride	3.25	62	458114	9.959	ppbv	99
6) Bromomethane	3.47	94	264220	10.774	ppbv	98
7) Chloroethane	3.55	64	156972	10.308	ppbv	100
8) Dichlorotetrafluoroethane	3.18	85	1074405	10.253	ppbv	98
9) Propene	3.01	41	363299	9.126	ppbv	99
10) Heptane	8.11	43	962445	10.114	ppbv	99
11) Trichlorofluoromethane	3.94	101	1035886	11.183	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	785437	11.015	ppbv	99
13) Ethanol	3.60	45	30245	6.887	ppbv	79
14) Bromoethene	3.73	108	345871	10.914	ppbv	98
15) Acetone	3.84	43	693478	10.294	ppbv	100
16) 1,3-Butadiene	3.32	39	405720	10.612	ppbv	99
17) tert-Butyl alcohol	4.28	59	724368	12.312	ppbv	100
18) 1,1-Dichloroethene	4.28	96	357804	11.169	ppbv	96
19) Isopropyl Alcohol	3.95	45	411713	11.023	ppbv	99
20) Methylene Chloride	4.34	84	289196	10.192	ppbv	98
21) Allyl Chloride	4.40	41	530217	10.936	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	382288	11.505	ppbv	99
23) Vinyl Acetate	5.06	43	777266	11.915	ppbv	99
24) 1,1-Dichloroethane	5.00	63	708488	11.028	ppbv	100
25) Ethyl Acetate	5.66	43	1707715	10.070	ppbv	99
26) Hexane	5.67	57	757700	9.980	ppbv	99
27) Carbon Disulfide	4.54	76	926651	12.442	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	661874	11.703	ppbv	99
29) Chloroform	5.74	83	1247631	10.263	ppbv	100
30) Cyclohexane	7.11	84	646420	9.792	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	757853	10.616	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	1244071	10.604	ppbv	99
34) 2-Butanone	5.23	43	803766	9.771	ppbv	98
35) Carbon Tetrachloride	7.00	117	1302290	10.799	ppbv	98
36) Benzene	6.88	78	1623895	10.123	ppbv	100
37) 1,2-Dichloroethane	6.29	62	866281	10.617	ppbv	99
38) Trichloroethene	7.82	130	700801	10.429	ppbv	98
39) 1,2-Dichloropropane	7.60	63	614219	9.795	ppbv	95
40) 1,4-Dioxane	7.81	88	231928	10.650	ppbv	93
41) Tetrahydrofuran	6.03	42	614146	10.031	ppbv	99
42) Bromodichloromethane	7.77	83	1347783	11.017	ppbv	99
43) Methyl Methacrylate	8.00	69	642569	10.790	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038717.D
Acq On : 23 Mar 2022 15:44
Operator : SY/AP
Sample : VL0323ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0323ABS01

Quant Time: Mar 24 04:33:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	2643106	9.814	ppbv		100
45) t-1,3-Dichloropropene	9.26	75	743082	12.272	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	945398	11.546	ppbv		97
47) 1,1,2-Trichloroethane	9.46	97	664008	9.918	ppbv		99
48) Dibromochloromethane	10.28	129	1161119	11.072	ppbv		99
49) Bromoform	13.02	173	941190	11.011	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	1576349	10.307	ppbv		99
51) 2-Hexanone	10.11	43	1206403	10.982	ppbv	#	99
52) Tetrachloroethene	11.20	164	582226	9.919	ppbv		97
53) Toluene	9.79	91	1846327	10.712	ppbv		99
54) 1,2-Dibromoethane	10.59	107	980788	10.729	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.10	131	804611	8.197	ppbv		98
57) Chlorobenzene	12.13	112	1352643	7.921	ppbv		99
58) Ethyl Benzene	12.69	91	2365569	8.546	ppbv		100
59) m/p-Xylene	12.98	91	2413126	9.967	ppbv	#	55
60) o-Xylene	13.67	91	1933384	8.410	ppbv		100
61) Styrene	13.51	104	1168636	9.374	ppbv		99
62) Isopropylbenzene	14.65	105	2811222	8.134	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.65	83	1250817	7.024	ppbv		99
64) n-propylbenzene	15.54	120	748916	8.258	ppbv		98
65) tert-Butylbenzene	16.72	119	2491066	8.021	ppbv		98
66) Benzyl Chloride	16.97	91	598258	10.174	ppbv		99
67) sec-Butylbenzene	17.28	105	3577148	8.054	ppbv		100
69) p-Isopropyltoluene	17.63	119	2989394	8.247	ppbv		99
70) n-Butylbenzene	18.53	91	3122720	8.353	ppbv		100
71) 2-Chlorotoluene	15.43	91	2093668	8.162	ppbv		100
72) 4-Ethyltoluene	15.82	105	2295927	8.460	ppbv		100
73) 1,3,5-Trimethylbenzene	15.98	105	2058015	8.322	ppbv		100
74) 1,2,4-Trimethylbenzene	16.74	105	2177778	8.085	ppbv		95
75) 1,3-Dichlorobenzene	16.97	146	1354087	7.893	ppbv		100
76) 1,4-Dichlorobenzene	17.12	146	1318216	7.726	ppbv		97
77) 1,2-Dichlorobenzene	17.80	146	1322298	7.780	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	1200722	7.644	ppbv		100
79) Naphthalene	22.17	128	2215093	10.764	ppbv		99
80) Naphthalene,2-methyl-	24.95	142	506820	9.185	ppbv		98
81) 1,2,4-Trichlorobenzene	21.90	180	1266460	8.990	ppbv		100

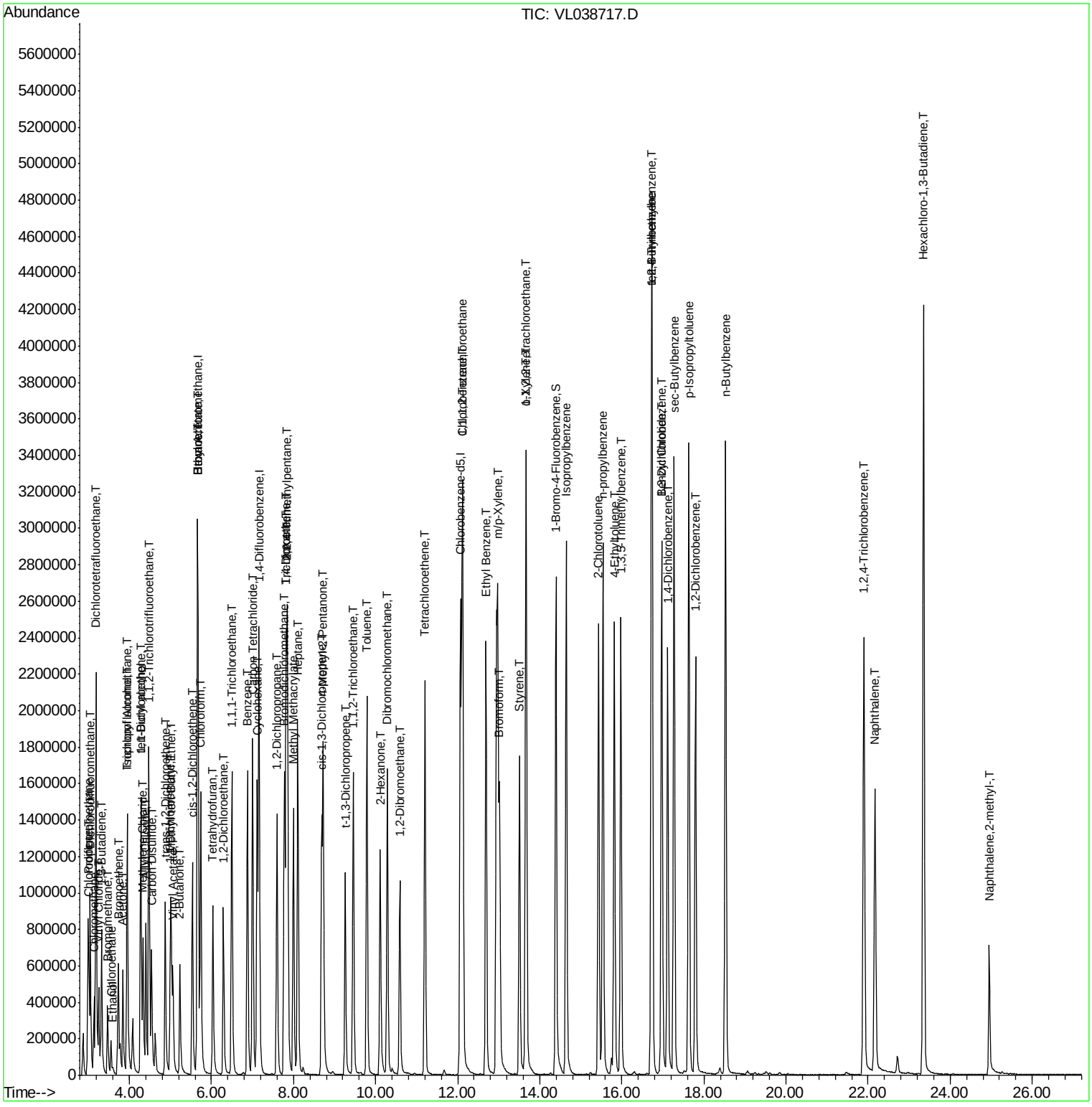
(#) = qualifier out of range (m) = manual integration (+) = signals summed

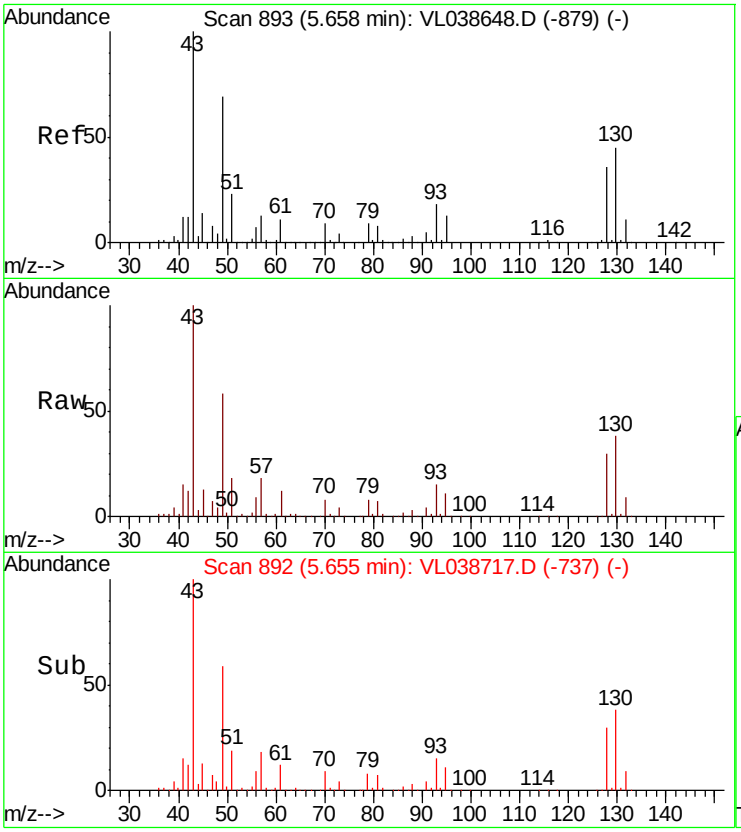
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038717.D
Acq On : 23 Mar 2022 15:44
Operator : SY/AP
Sample : VL0323ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Quant Time: Mar 24 04:33:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



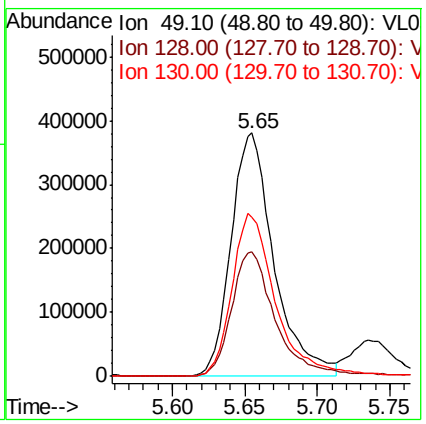


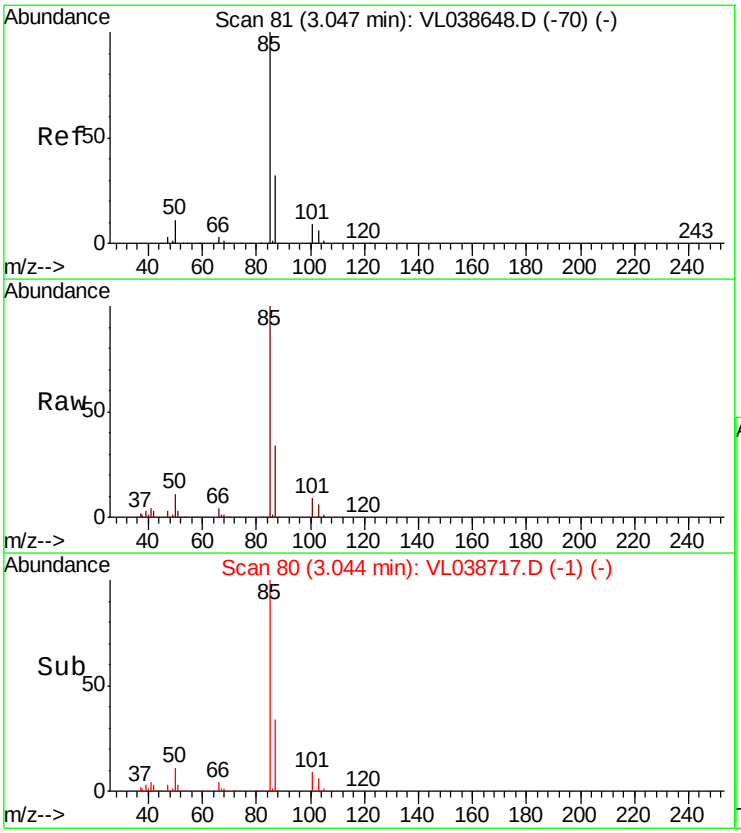
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 49 Resp: 780742

Ion	Ratio	Lower	Upper
49	100		
128	53.5	26.2	78.6
130	68.6	33.7	101.1

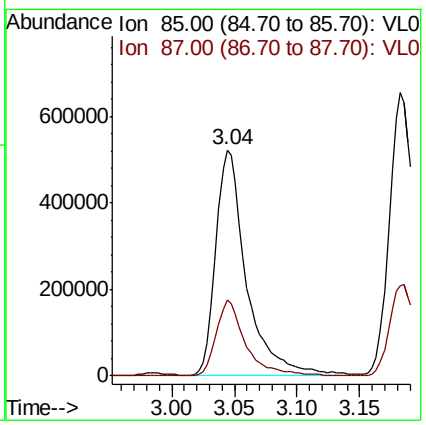


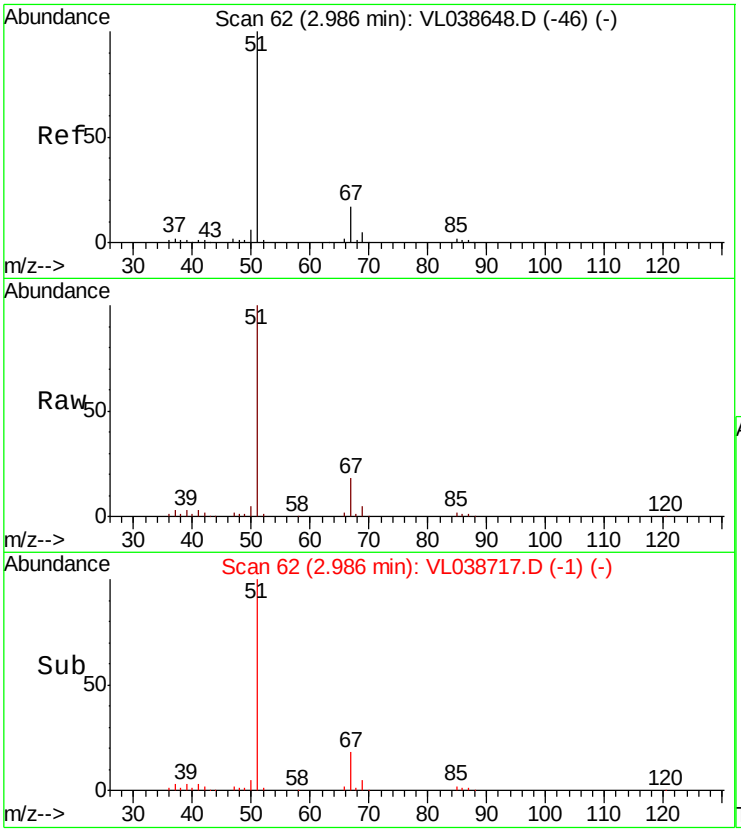


#2
Dichlorodifluoromethane
Concen: 8.421 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 85 Resp: 883862

Ion	Ratio	Lower	Upper
85	100		
87	33.5	26.0	39.0



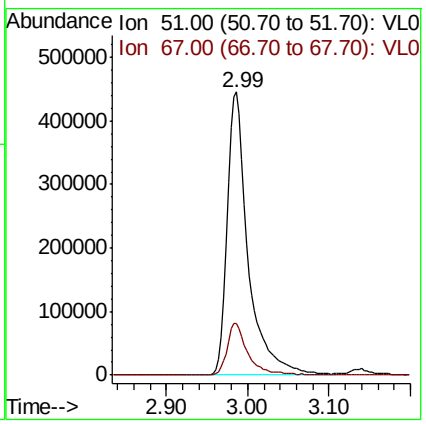


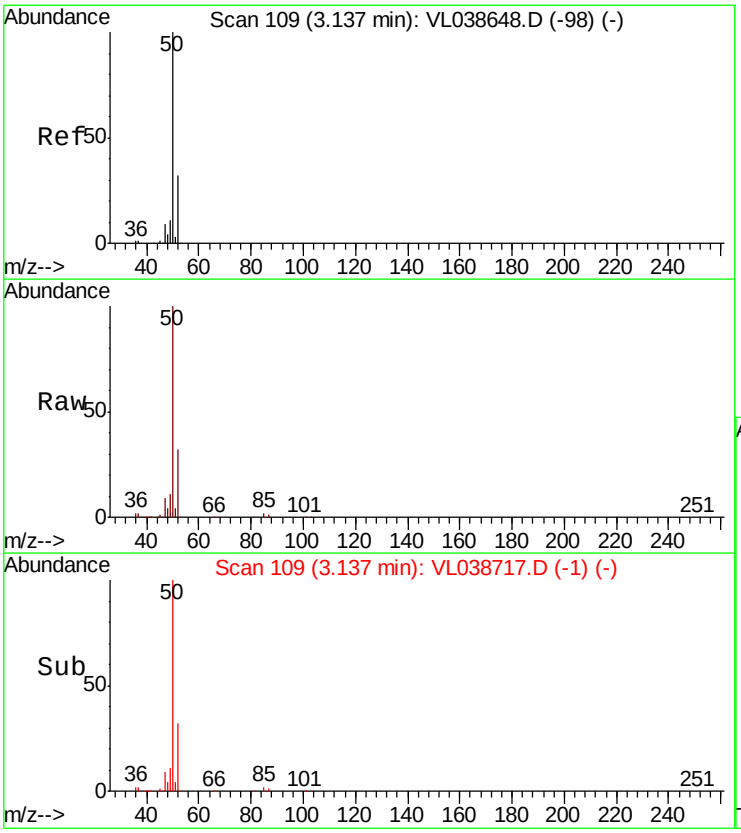
#3
Chlorodifluoromethane
Concen: 9.789 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 51 Resp: 807190

Ion	Ratio	Lower	Upper
51	100		
67	18.3	14.1	21.1

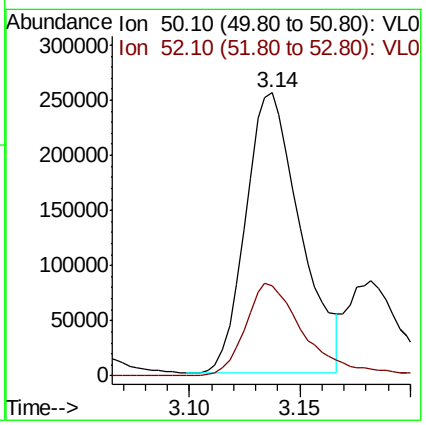


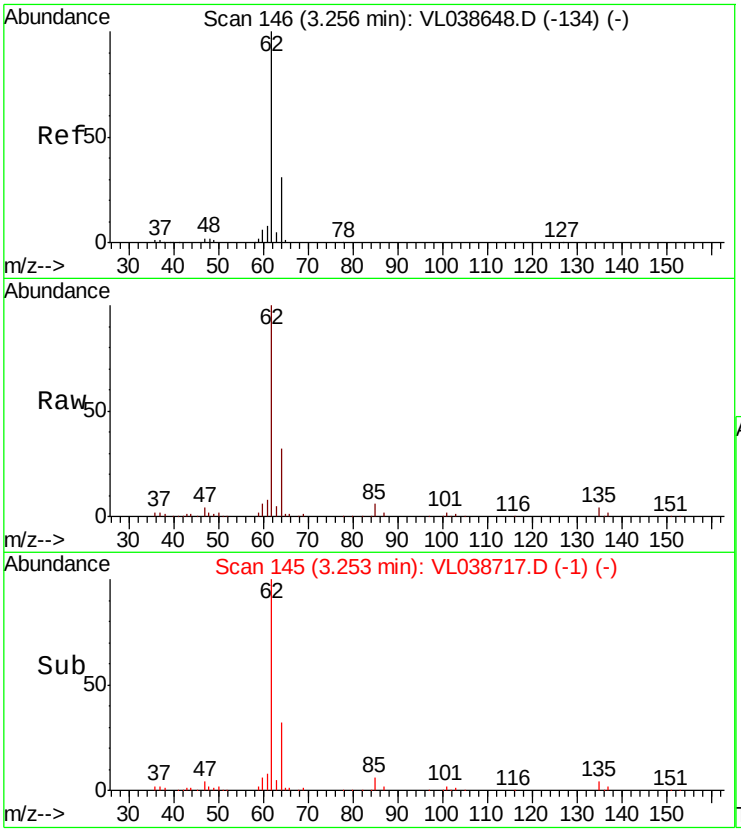


#4
Chloromethane
Concen: 9.674 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 50 Resp: 437956

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.5	38.3



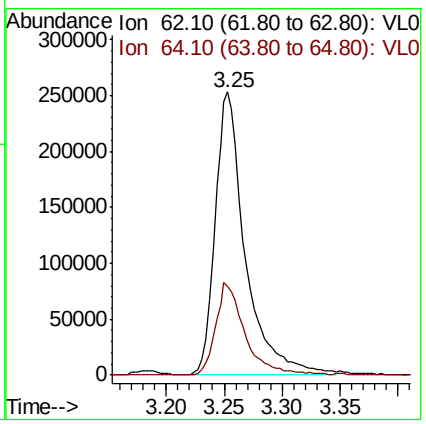


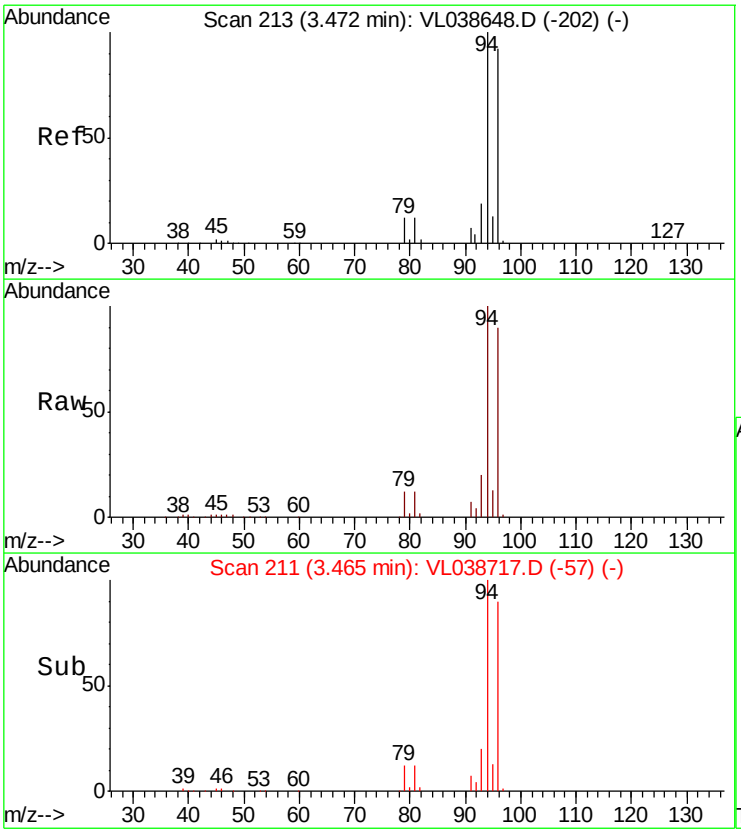
#5
Vinyl Chloride
Concen: 9.959 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 62 Resp: 458114

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.0	37.4

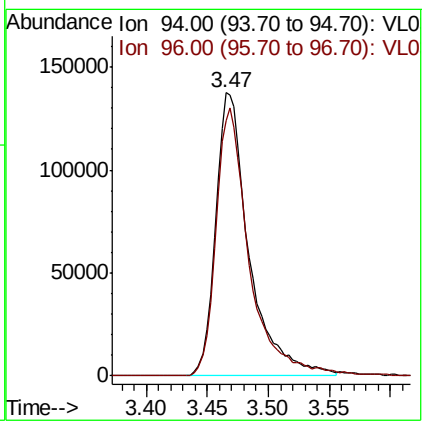


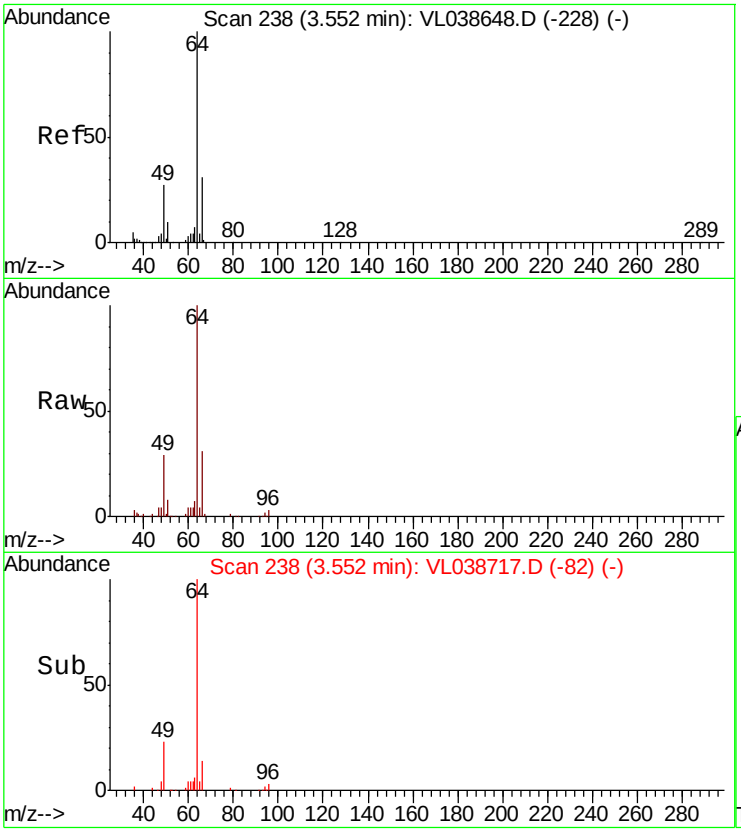


#6
Bromomethane
Concen: 10.774 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 94 Resp: 264220

Ion	Ratio	Lower	Upper
94	100		
96	90.2	73.3	109.9



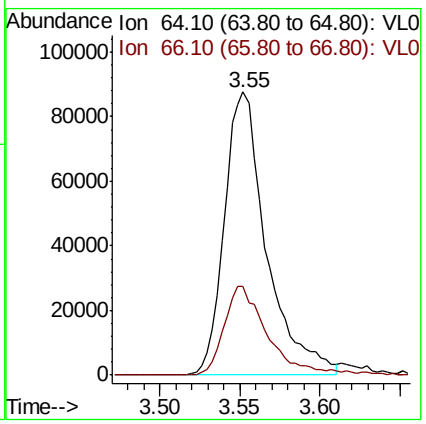


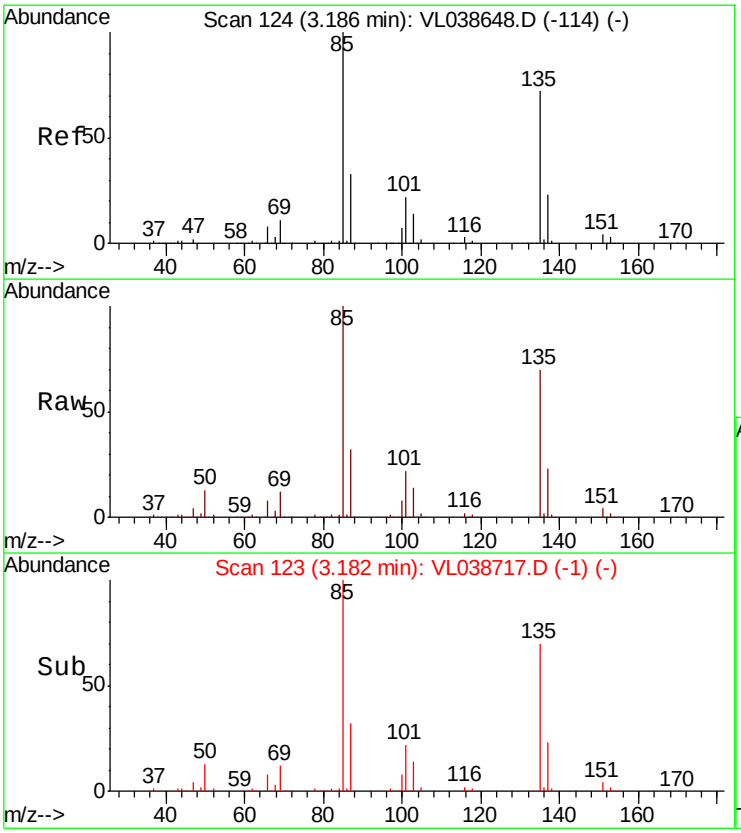
#7
Chloroethane
Concen: 10.308 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 64 Resp: 156972

Ion	Ratio	Lower	Upper
64	100		
66	31.4	25.0	37.6

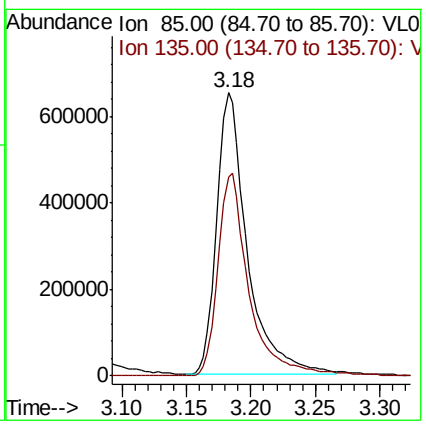


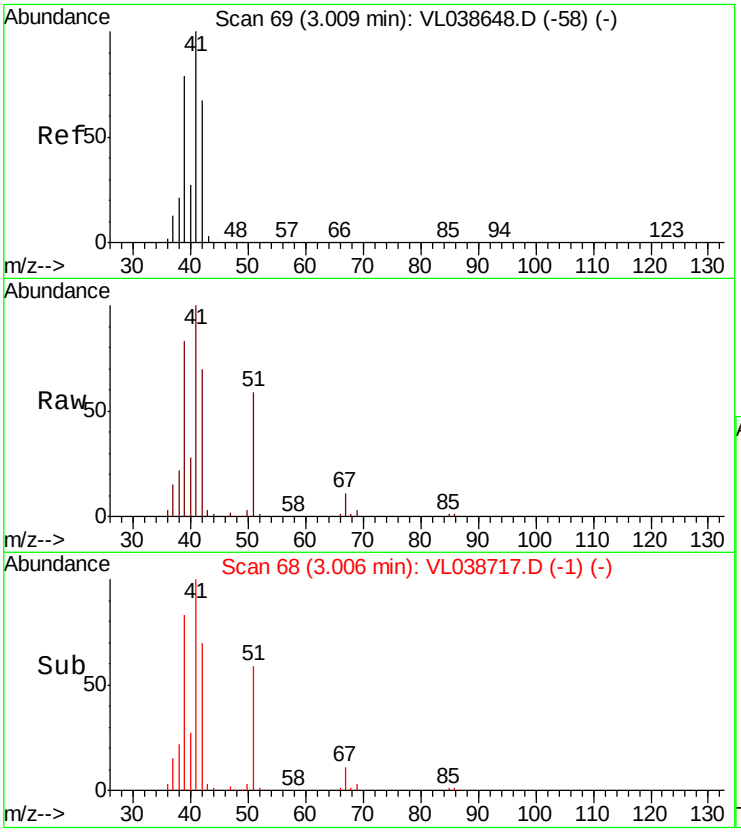


#8
Dichlorotetrafluoroethane
Concen: 10.253 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 85 Resp: 1074405

Ion	Ratio	Lower	Upper
85	100		
135	73.6	57.8	86.6



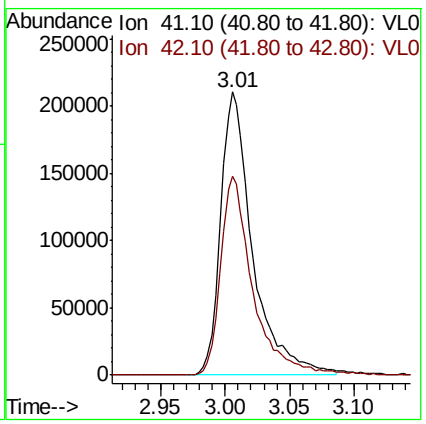


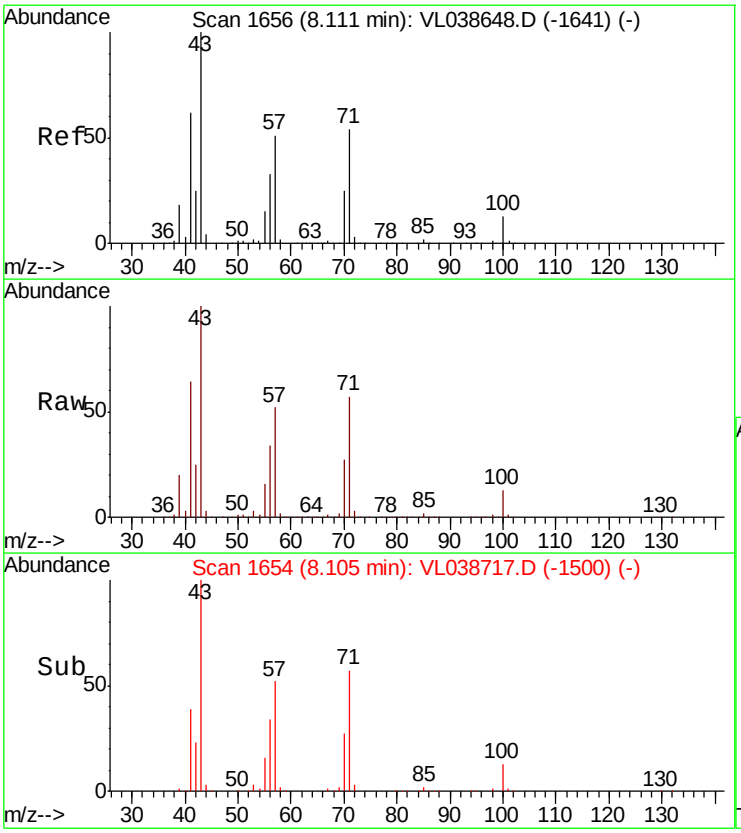
#9
Propene
Concen: 9.126 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 41 Resp: 363299

Ion	Ratio	Lower	Upper
41	100		
42	71.0	56.2	84.4

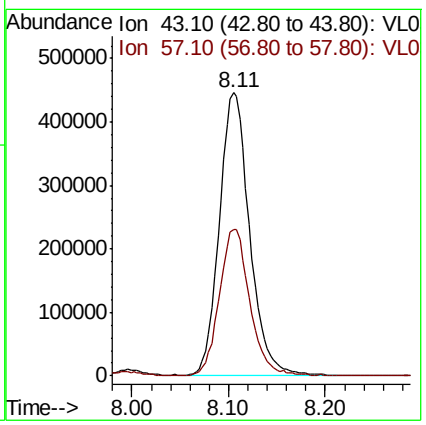


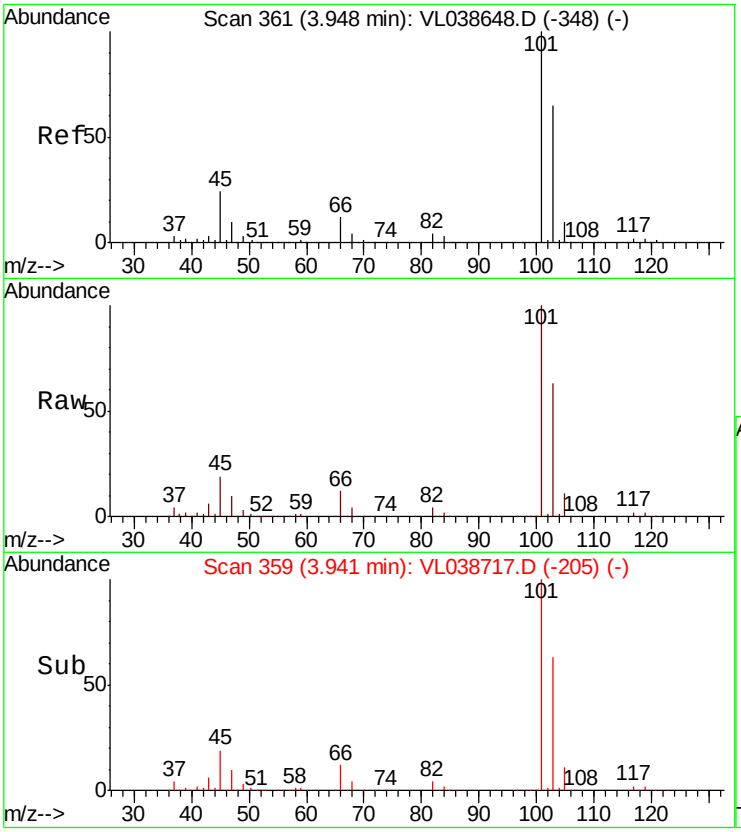


#10
Heptane
Concen: 10.114 ppbv
RT: 8.11 min Scan# 1654
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 43 Resp: 962445

Ion	Ratio	Lower	Upper
43	100		
57	52.6	41.4	62.2



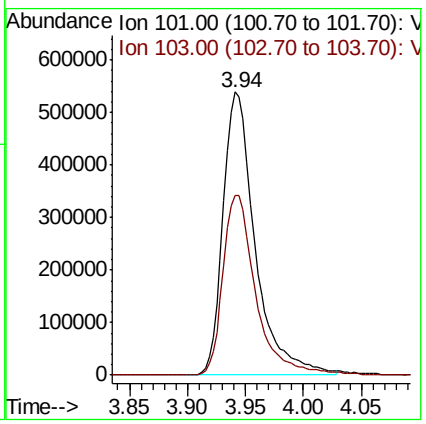


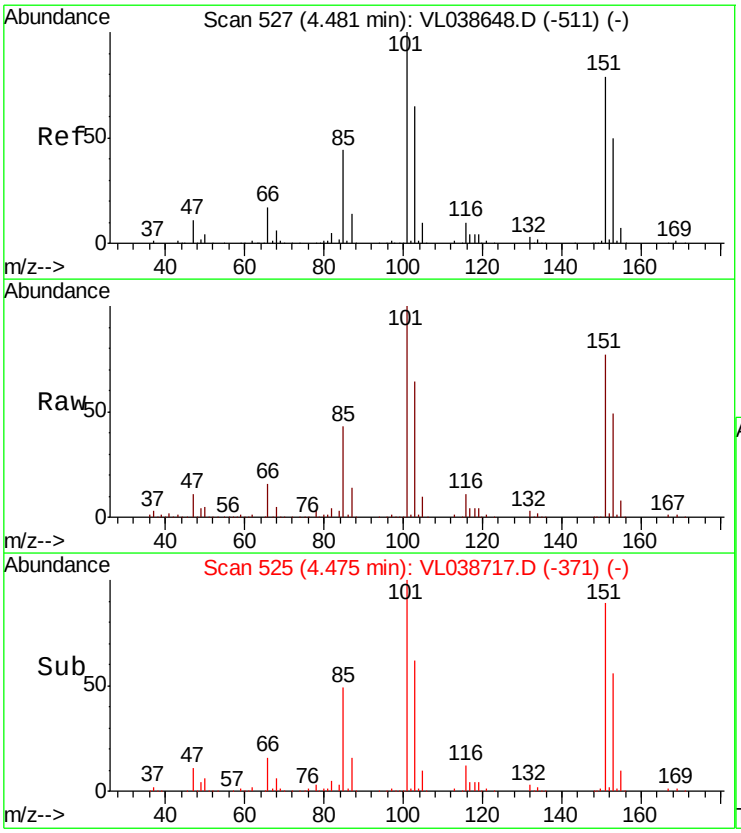
#11
Trichlorofluoromethane
Concen: 11.183 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:101 Resp: 1035886

Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.9	77.9

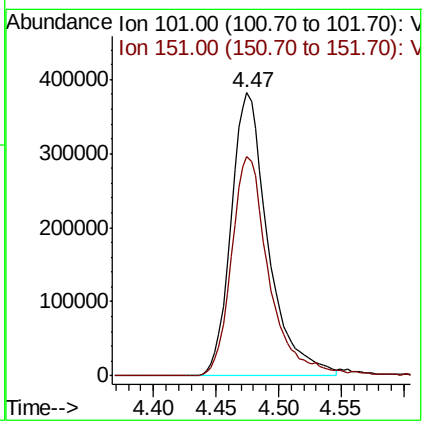


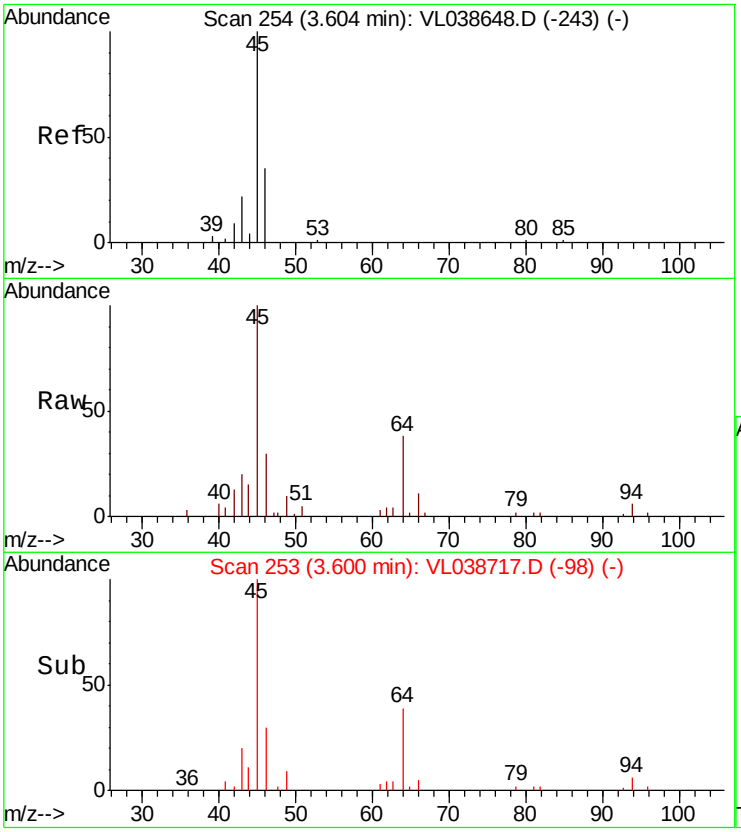


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.015 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:101 Resp: 785437

Ion	Ratio	Lower	Upper
101	100		
151	79.2	62.9	94.3



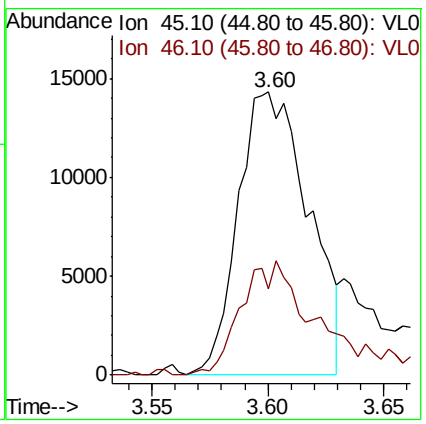


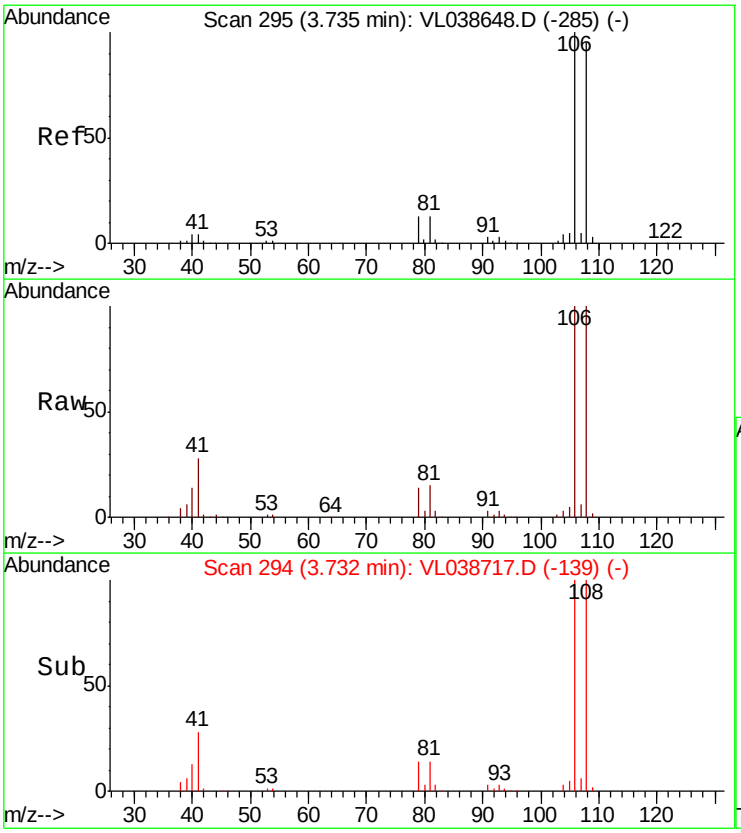
#13
Ethanol
Concen: 6.887 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 45 Resp: 30245

Ion	Ratio	Lower	Upper
45	100		
46	50.2	15.1	60.5

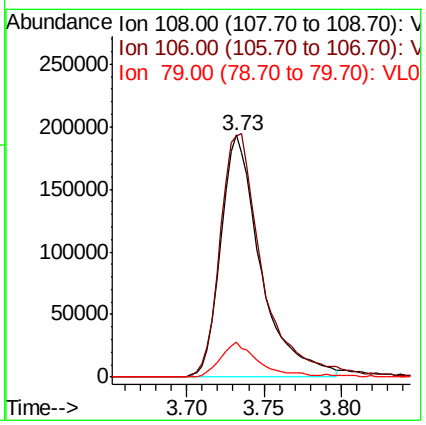


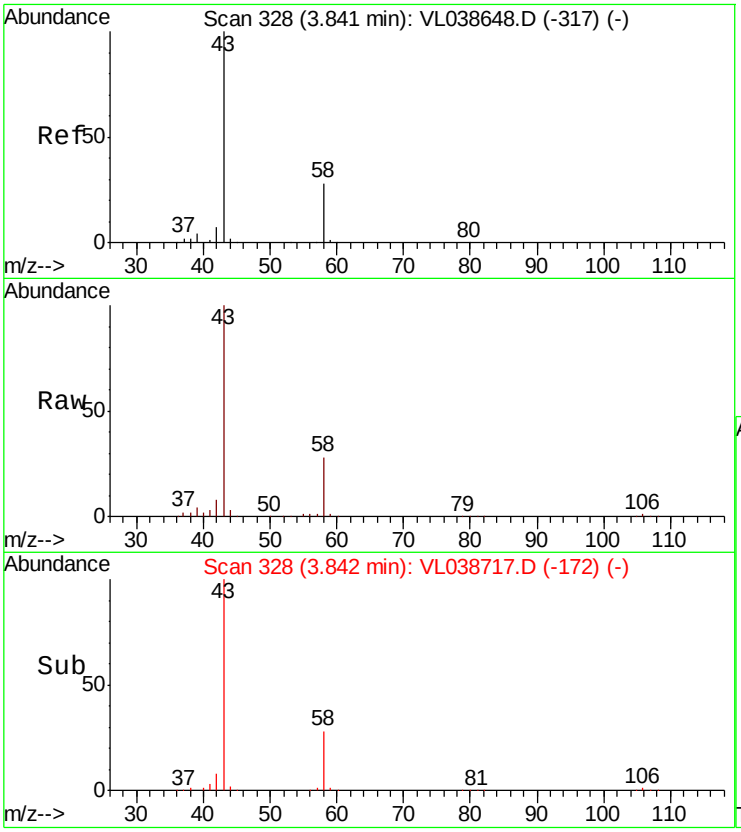


#14
Bromoethene
Concen: 10.914 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:108 Resp: 345871

Ion	Ratio	Lower	Upper
108	100		
106	108.1	88.3	132.5
79	14.7	11.2	16.8



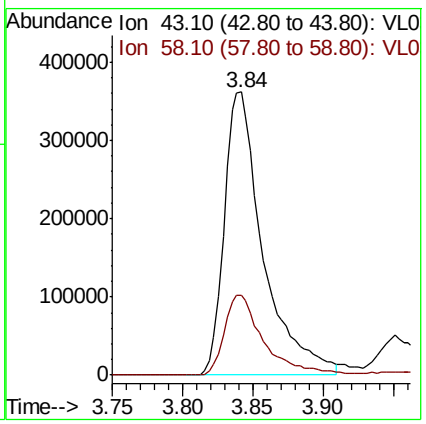


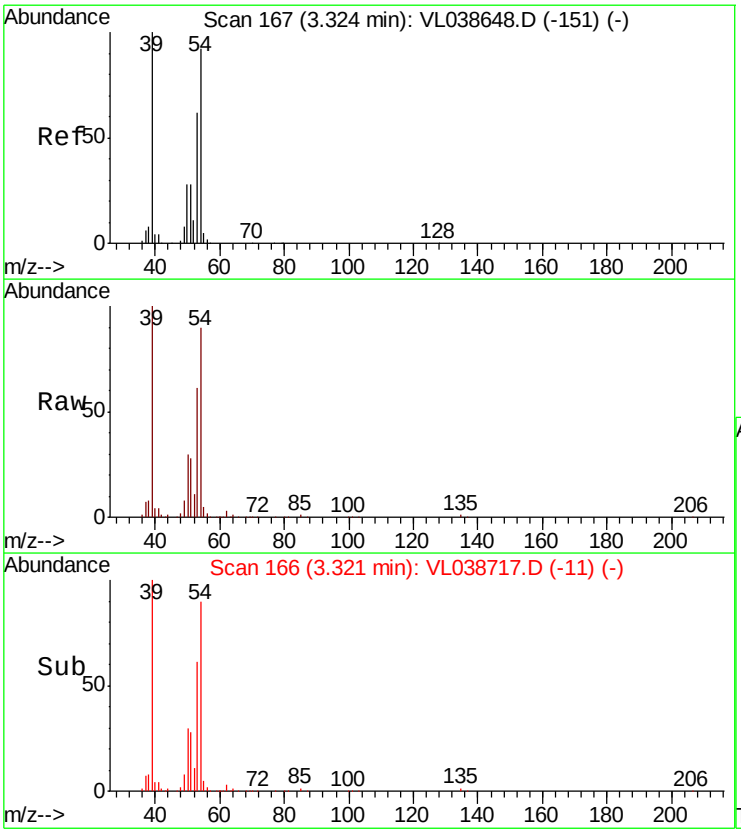
#15
Acetone
Concen: 10.294 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 43 Resp: 693478

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.3	34.9

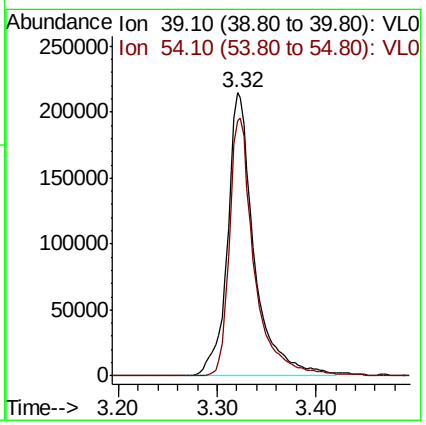


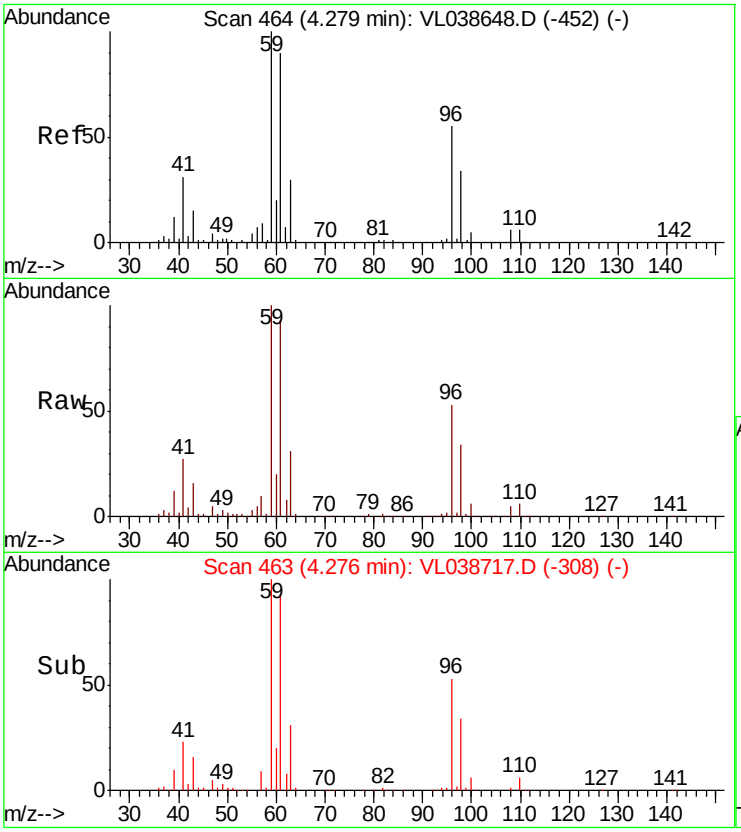


#16
1,3-Butadiene
Concen: 10.612 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 39 Resp: 405720

Ion	Ratio	Lower	Upper
39	100		
54	85.5	69.1	103.7



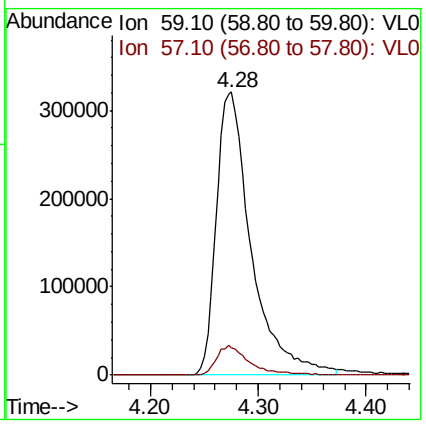


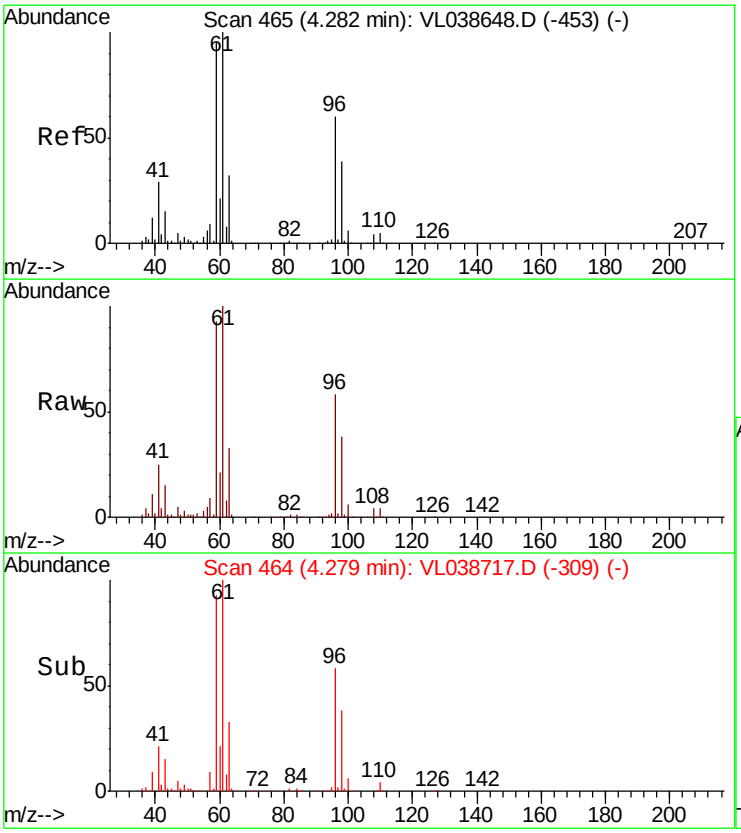
#17
tert-Butyl alcohol
Concen: 12.312 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 59 Resp: 724368

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

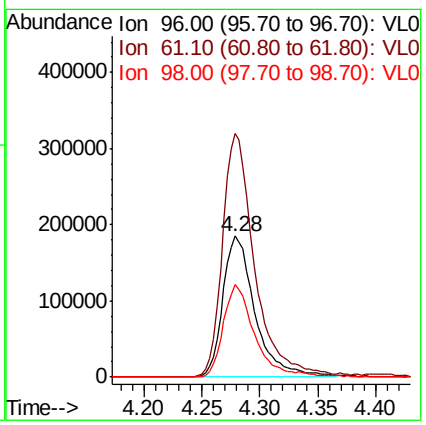


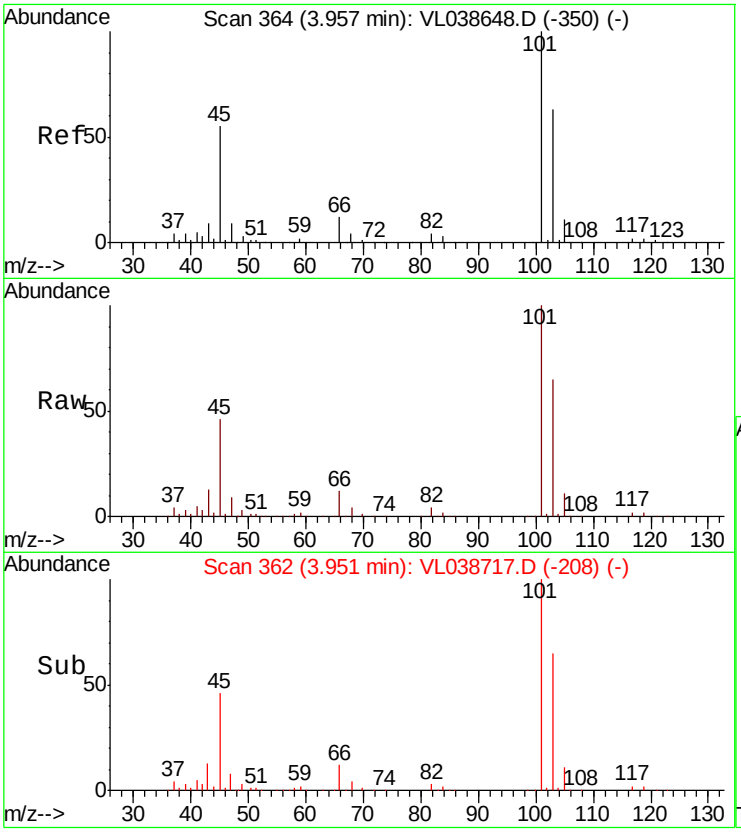


#18
1,1-Dichloroethene
Concen: 11.169 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 96 Resp: 357804

Ion	Ratio	Lower	Upper
96	100		
61	172.6	132.4	198.6
98	65.7	51.6	77.4



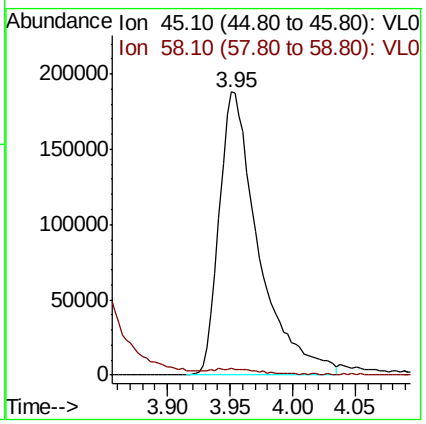


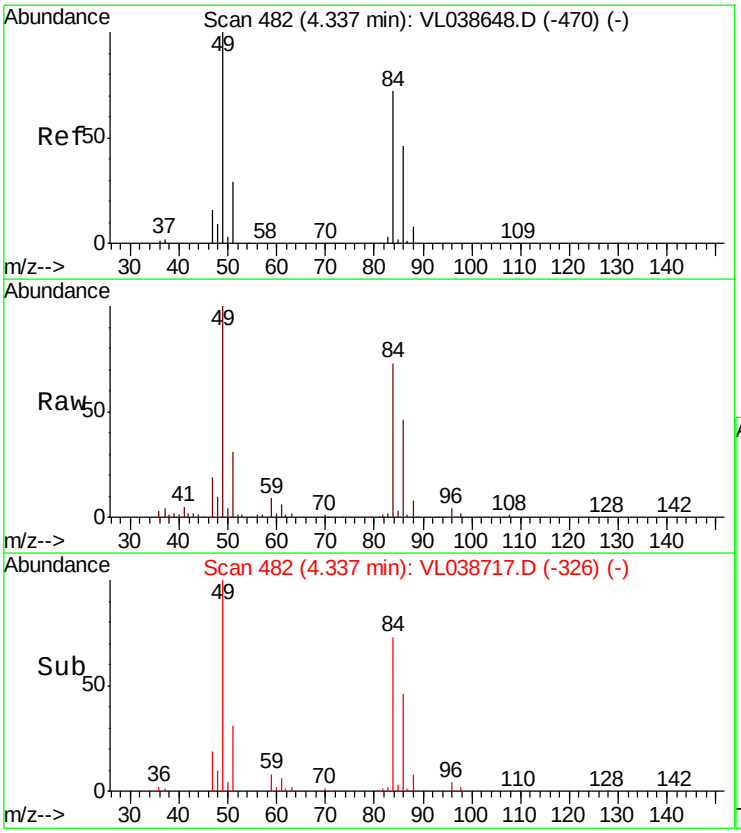
#19
Isopropyl Alcohol
Concen: 11.023 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 45 Resp: 411713

Ion	Ratio	Lower	Upper
45	100		
58	2.6	2.3	3.5

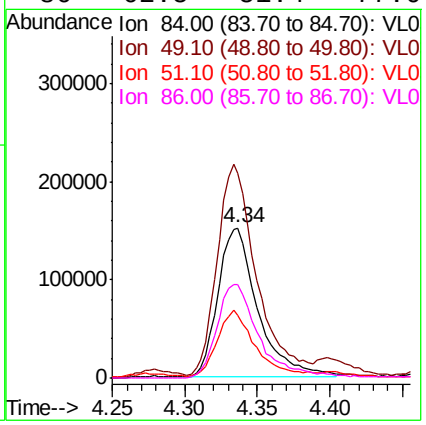


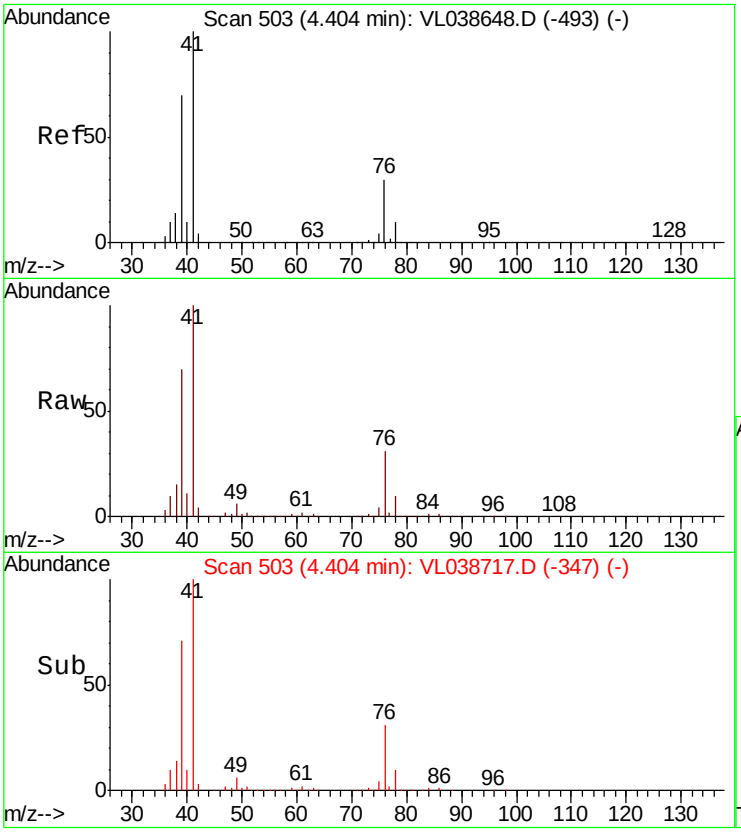


#20
Methylene Chloride
Concen: 10.192 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 84 Resp: 289196

Ion	Ratio	Lower	Upper
84	100		
49	136.2	111.2	166.8
51	40.9	32.8	49.2
86	62.5	51.4	77.0



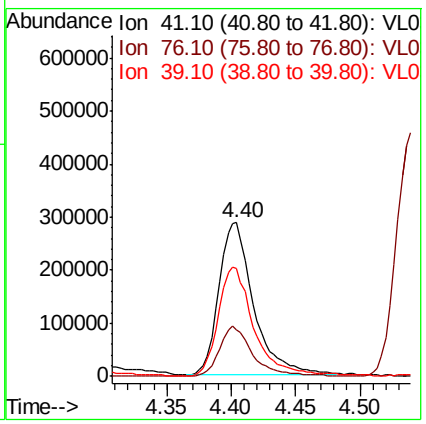


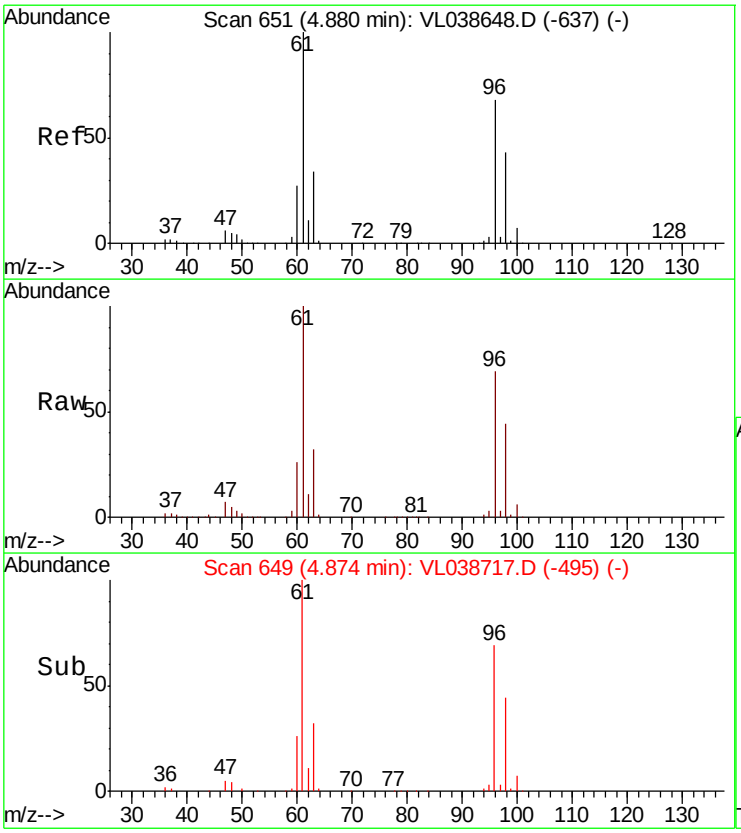
#21
Allvl Chloride
Concen: 10.936 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 41 Resp: 530217

Ion	Ratio	Lower	Upper
41	100		
76	32.3	25.0	37.6
39	73.7	56.6	85.0

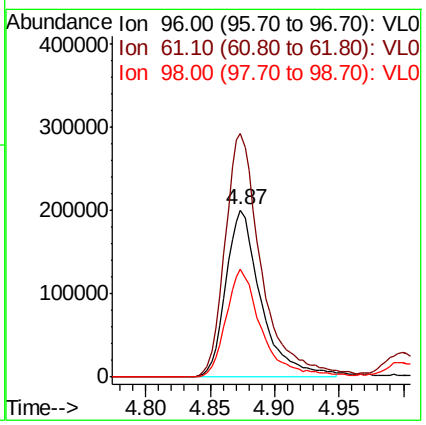


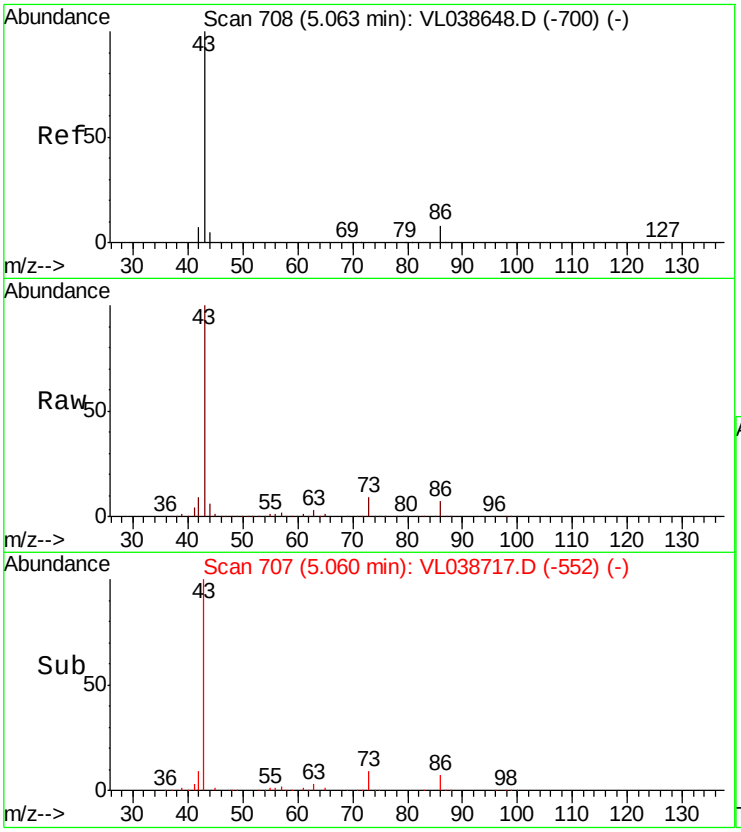


#22
trans-1,2-Dichloroethene
Concen: 11.505 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 96 Resp: 382288

Ion	Ratio	Lower	Upper
96	100		
61	145.7	118.3	177.5
98	64.4	51.3	76.9



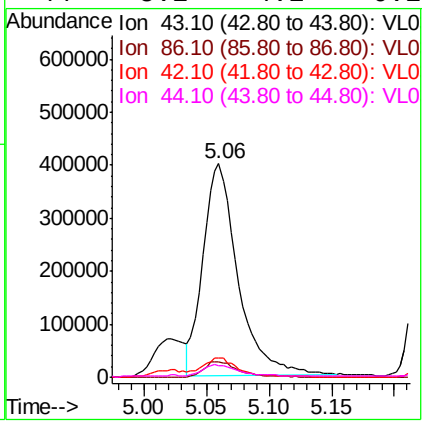


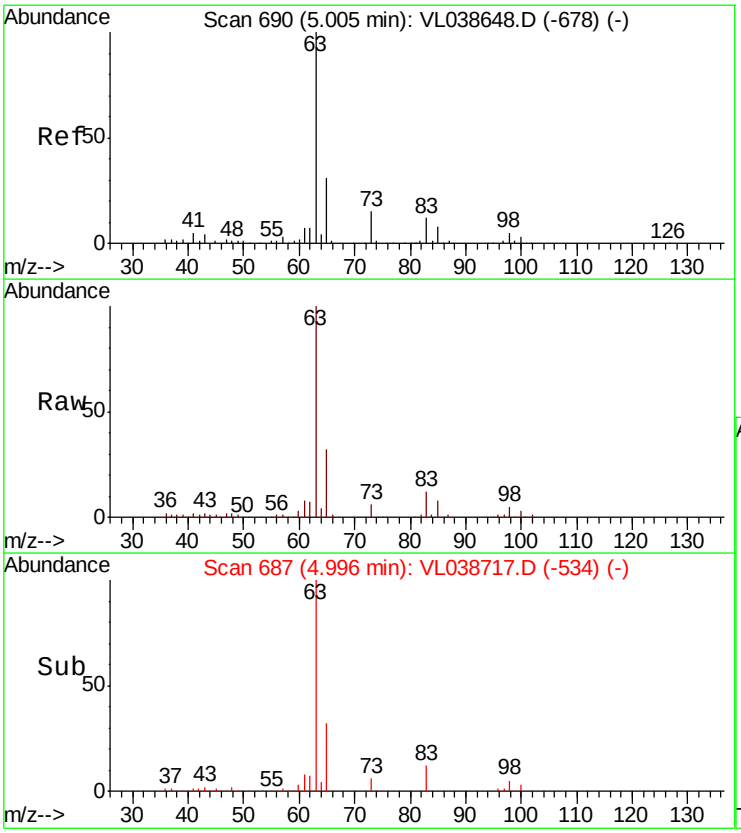
#23
Vinyl Acetate
Concen: 11.915 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 43 Resp: 777266

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.6	8.4
42	8.7	6.8	10.2
44	5.2	4.2	6.2

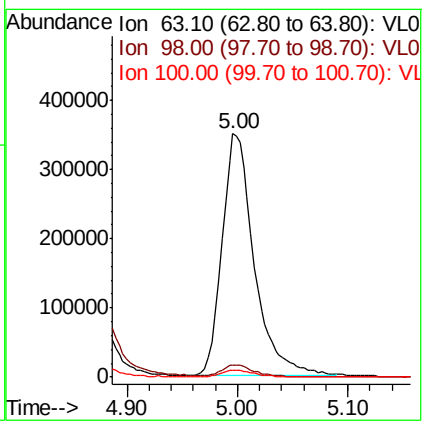


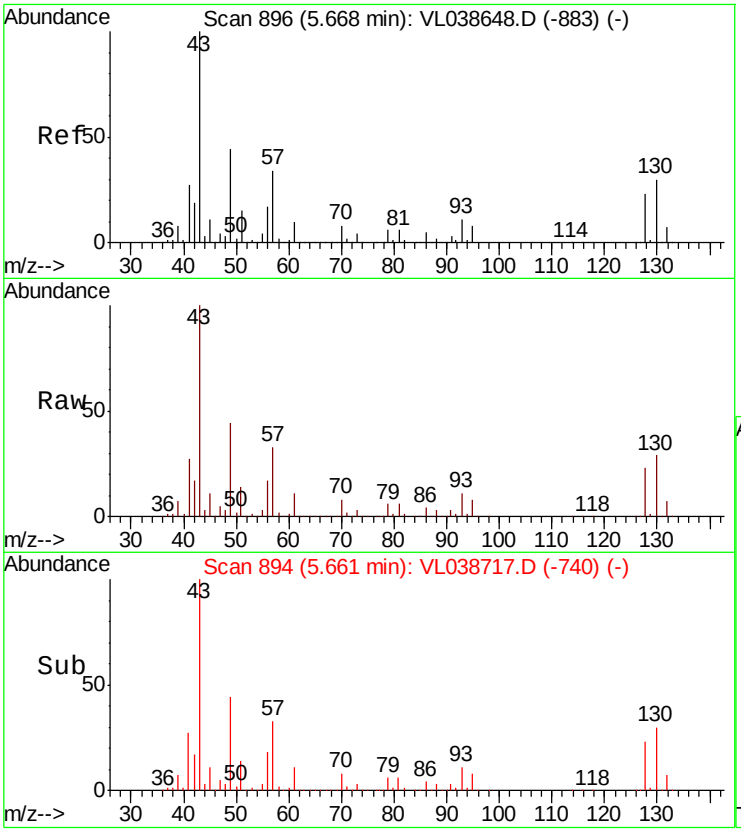


#24
1,1-Dichloroethane
Concen: 11.028 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 63 Resp: 708488

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.5	7.5
100	2.8	1.4	4.2



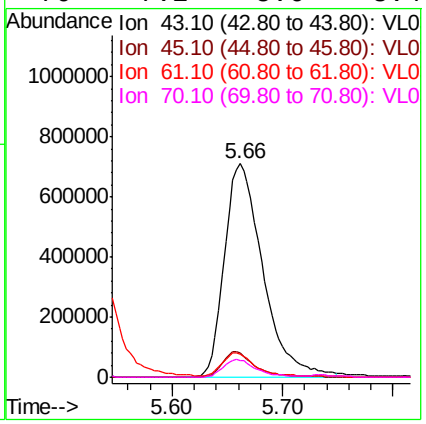


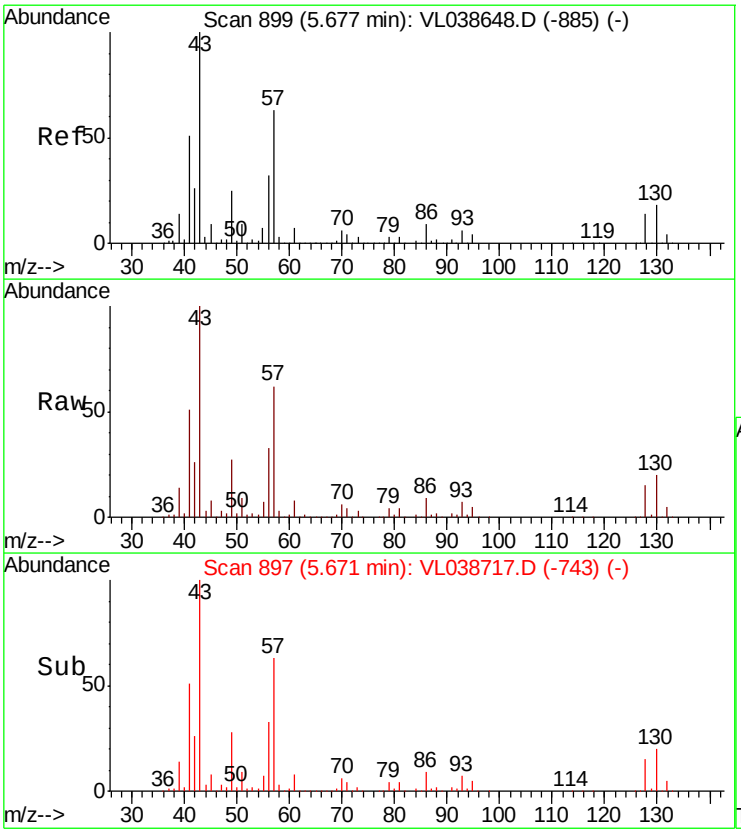
#25
Ethyl Acetate
Concen: 10.070 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 43 Resp: 1707715

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.6	8.3	12.5
70	7.2	5.6	8.4

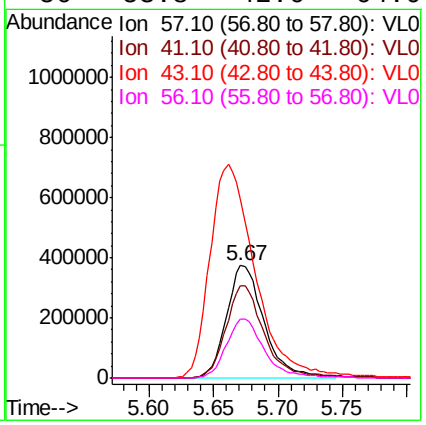


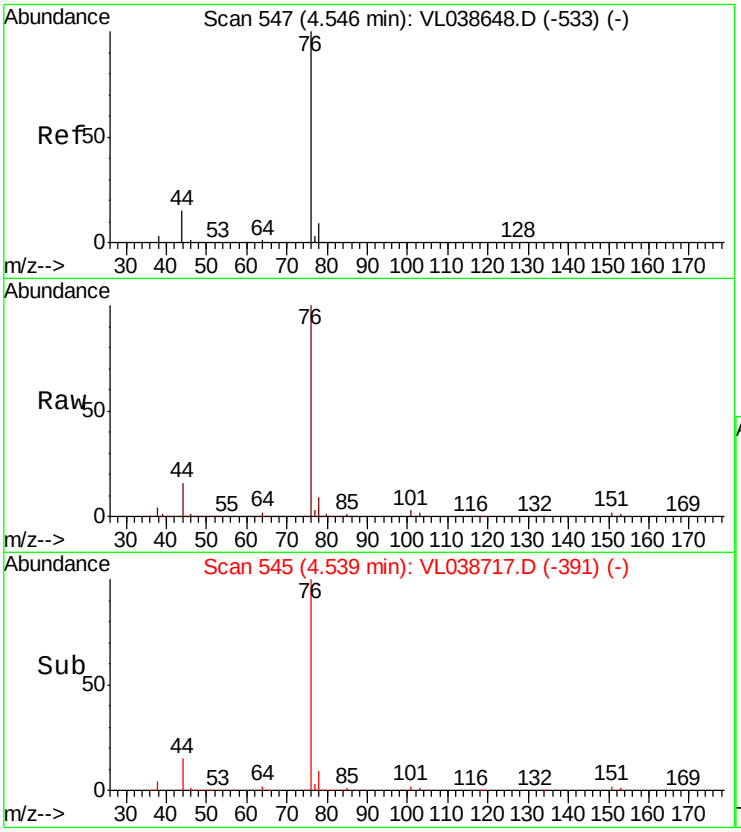


#26
Hexane
Concen: 9.980 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 57 Resp: 757700

Ion	Ratio	Lower	Upper
57	100		
41	84.9	67.0	100.4
43	228.5	184.2	276.2
56	53.8	42.6	64.0



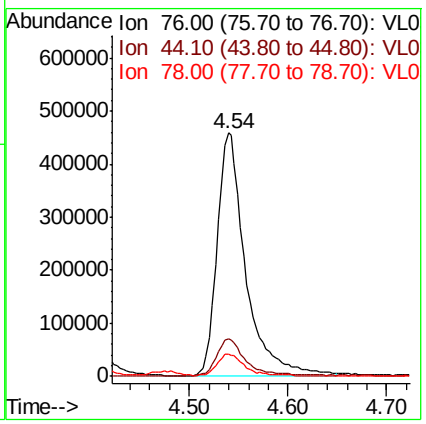


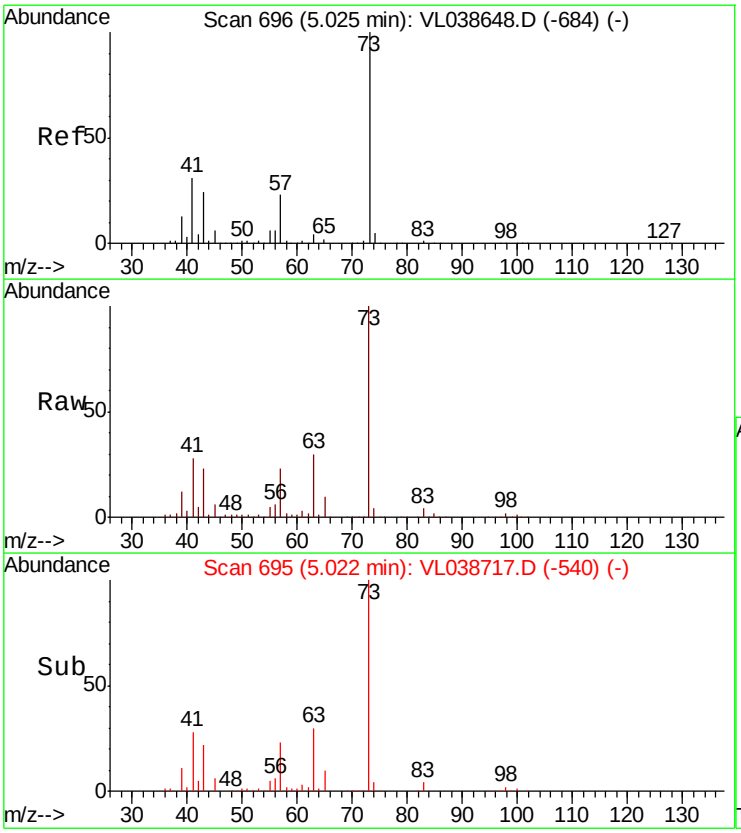
#27
Carbon Disulfide
Concen: 12.442 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 76 Resp: 926651

Ion	Ratio	Lower	Upper
76	100		
44	15.3	12.4	18.6
78	9.5	7.8	11.8

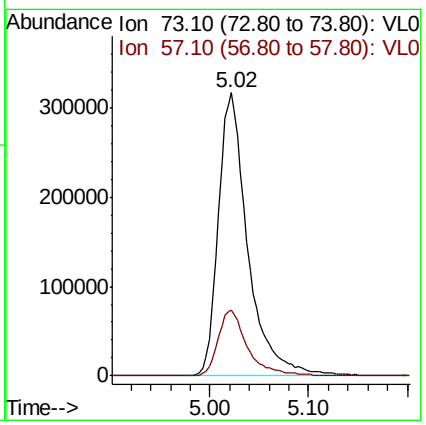


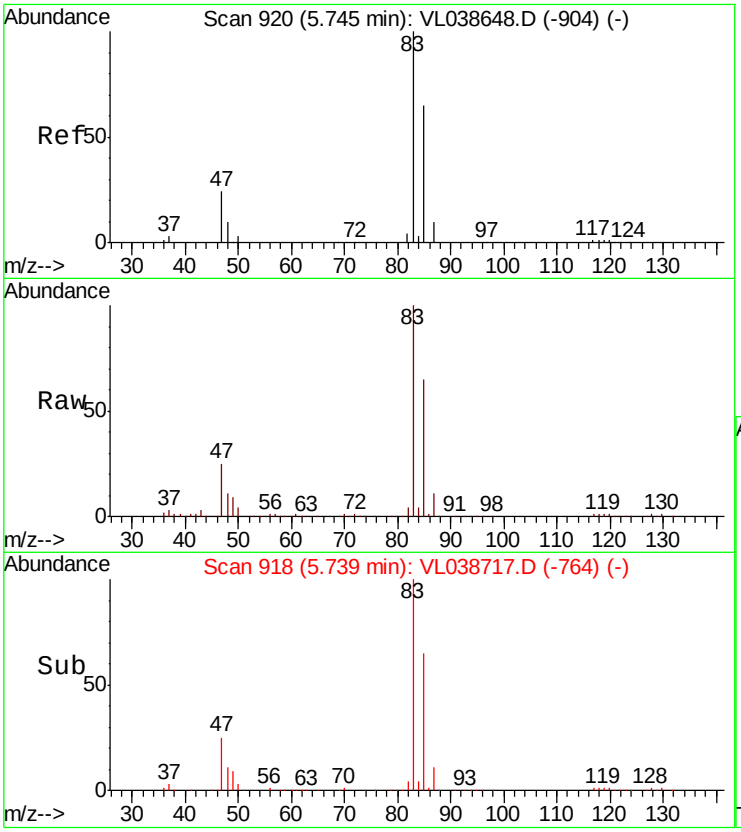


#28
Methyl tert-Butyl Ether
Concen: 11.703 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 73 Resp: 661874

Ion	Ratio	Lower	Upper
73	100		
57	23.4	19.2	28.8



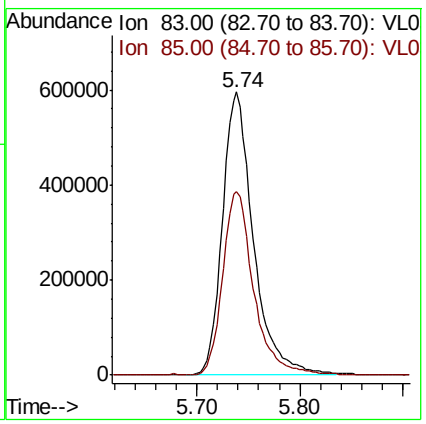


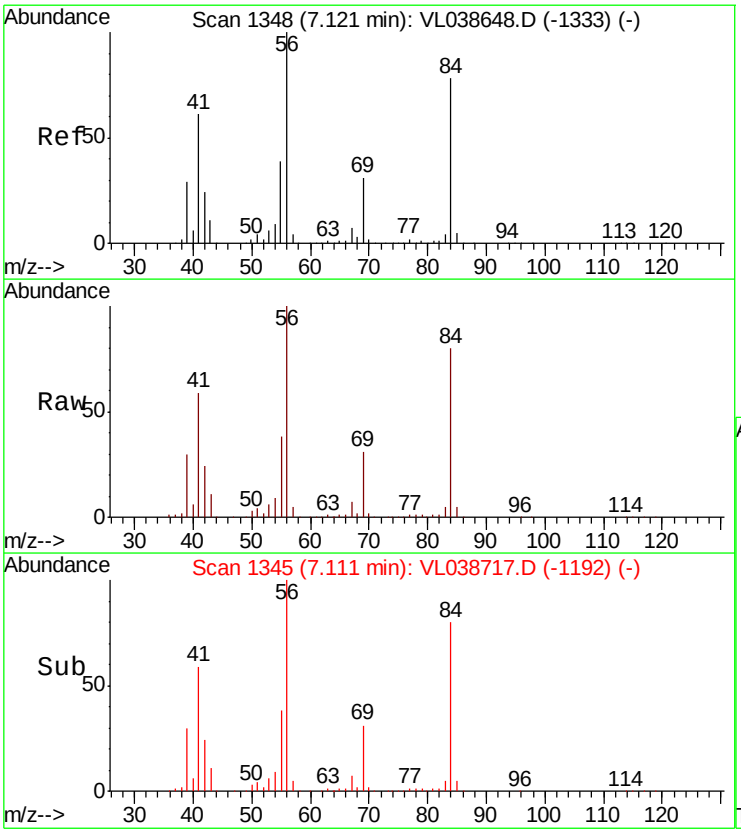
#29
Chloroform
Concen: 10.263 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 83 Resp: 1247631

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.7	77.5

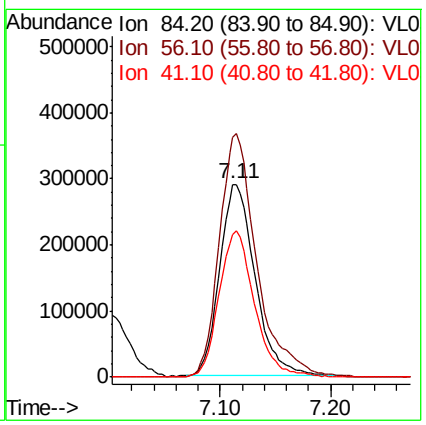


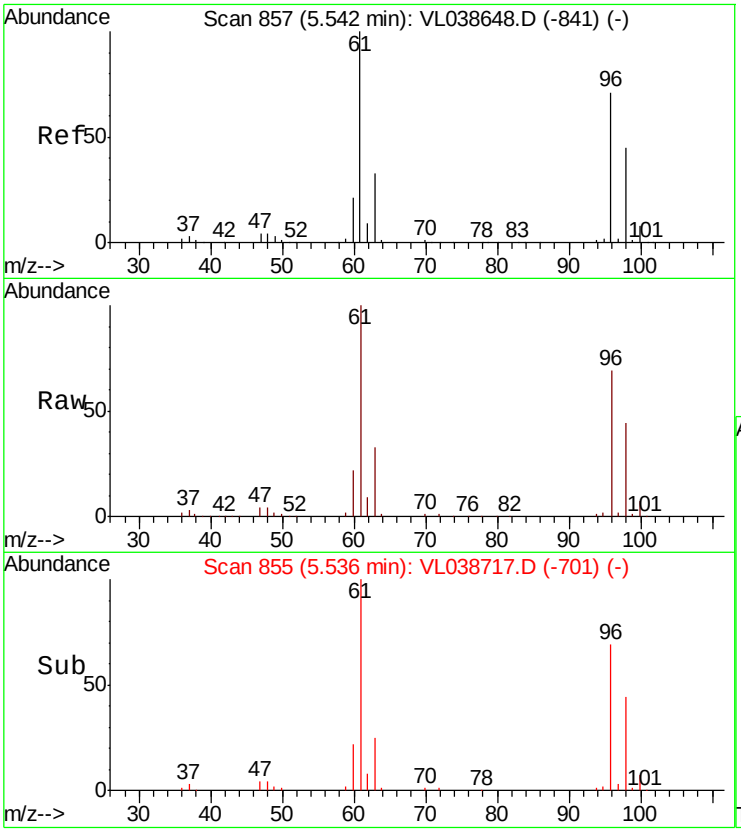


#30
Cyclohexane
Concen: 9.792 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 84 Resp: 646420

Ion	Ratio	Lower	Upper
84	100		
56	134.7	108.2	162.4
41	76.8	61.8	92.6



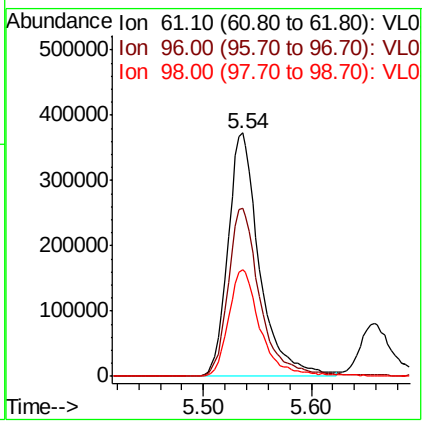


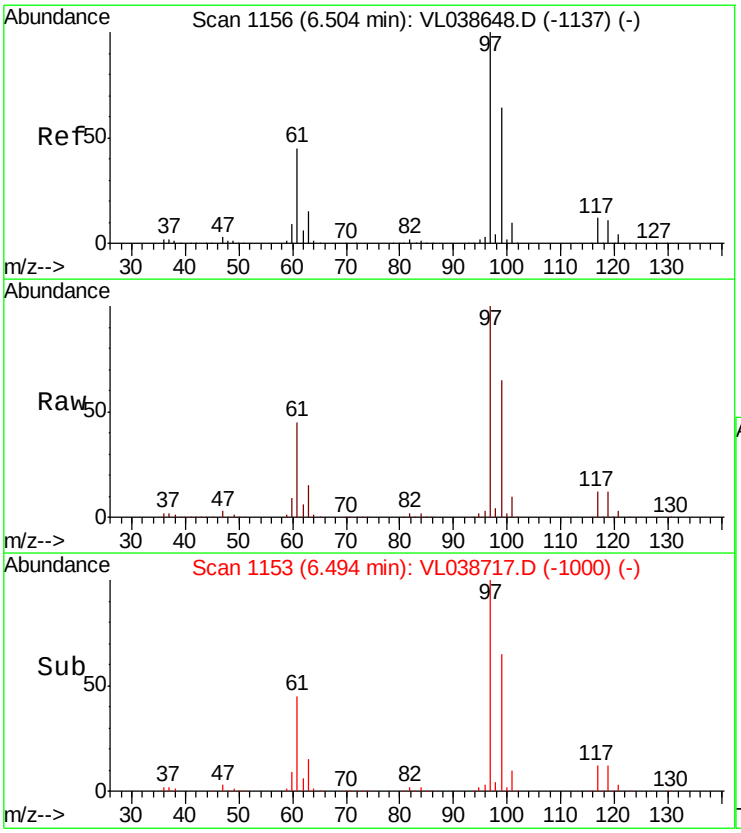
#31
cis-1,2-Dichloroethene
Concen: 10.616 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 61 Resp: 757853

Ion	Ratio	Lower	Upper
61	100		
96	69.0	56.6	84.8
98	43.7	36.3	54.5

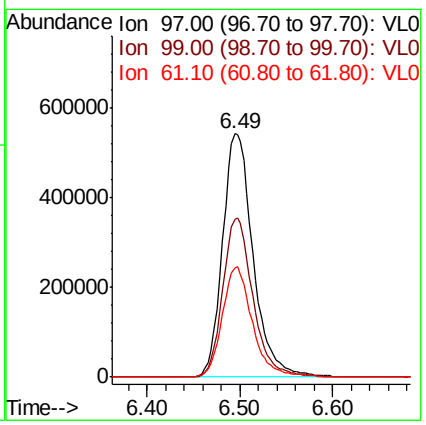


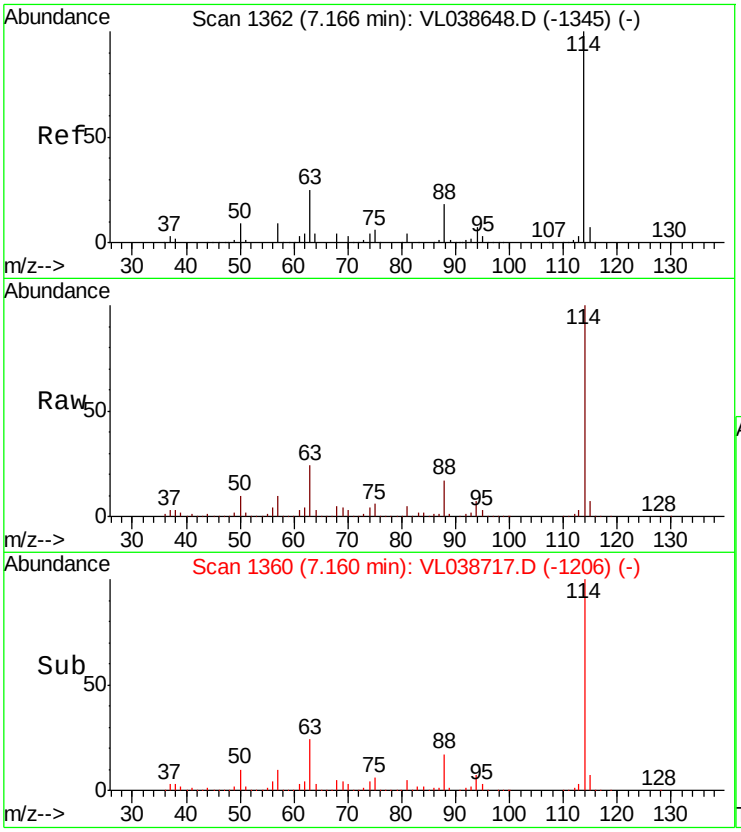


#32
1,1,1-Trichloroethane
Concen: 10.604 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 97 Resp: 1244071

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	44.6	36.7	55.1



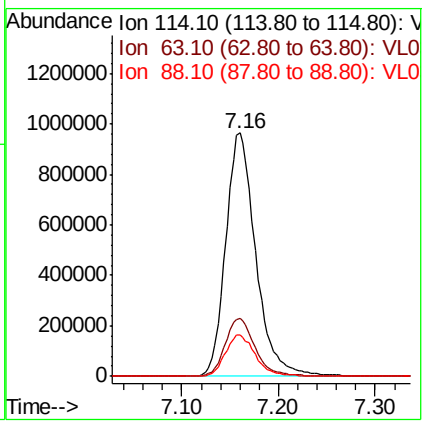


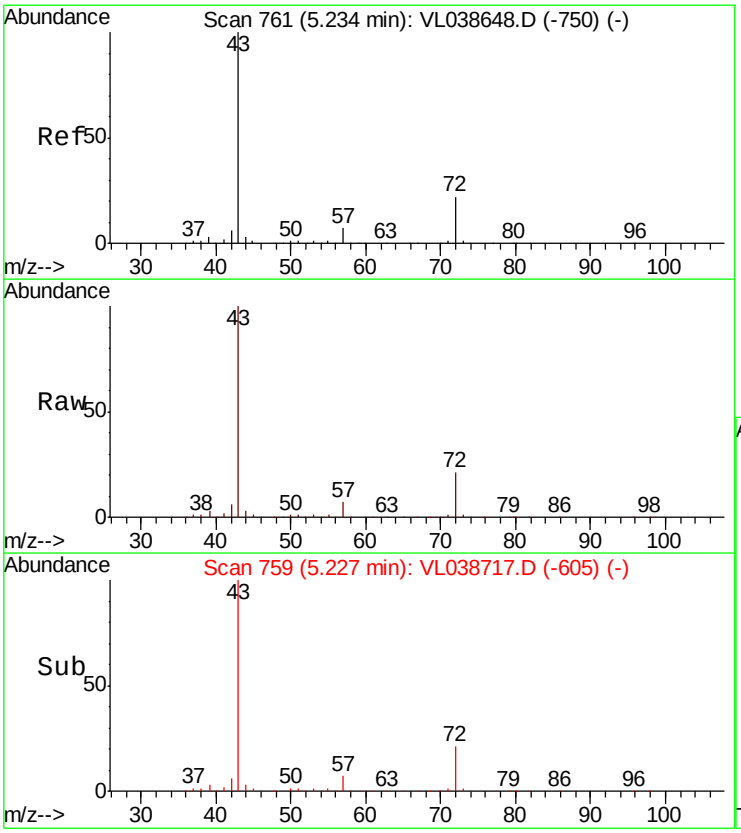
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:114 Resp: 2078410

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.4	29.0
88	17.1	13.9	20.9

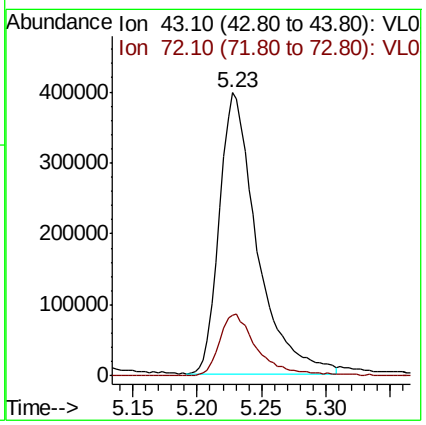


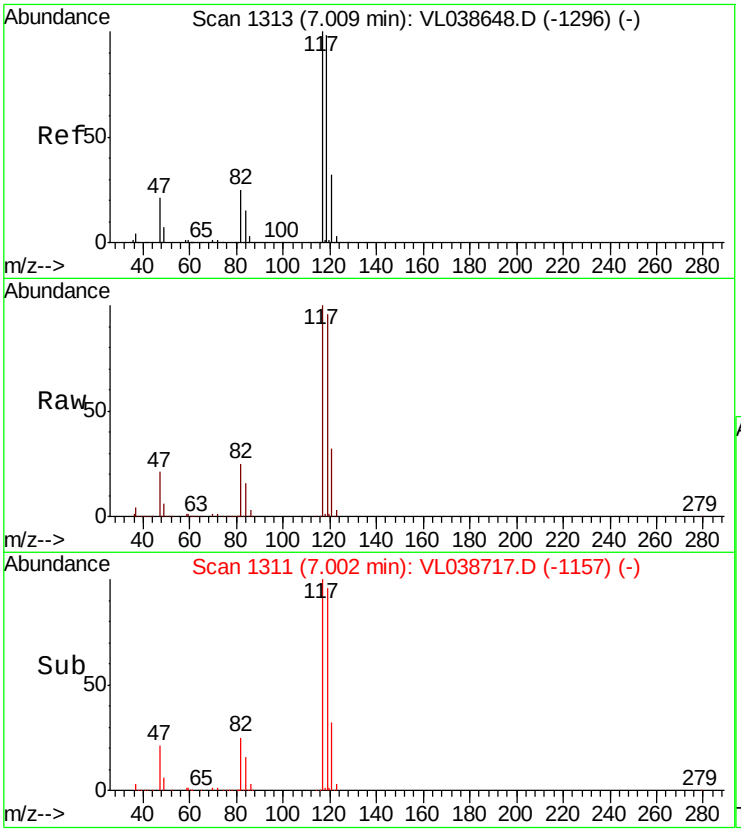


#34
2-Butanone
Concen: 9.771 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 43 Resp: 803766

Ion	Ratio	Lower	Upper
43	100		
72	23.1	17.8	26.8



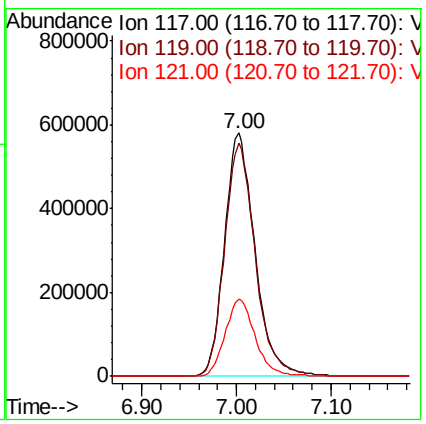


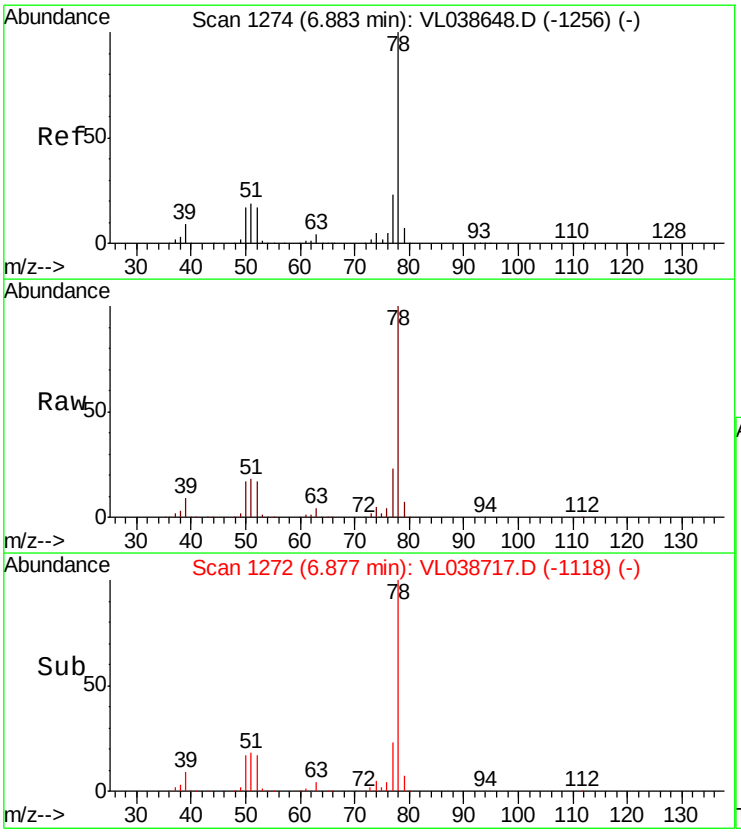
#35
Carbon Tetrachloride
Concen: 10.799 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:117 Resp: 1302290

Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
121	31.7	25.8	38.6

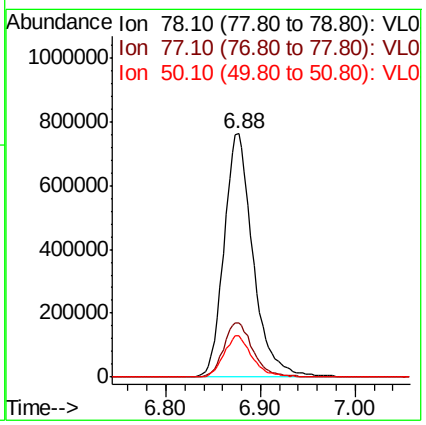


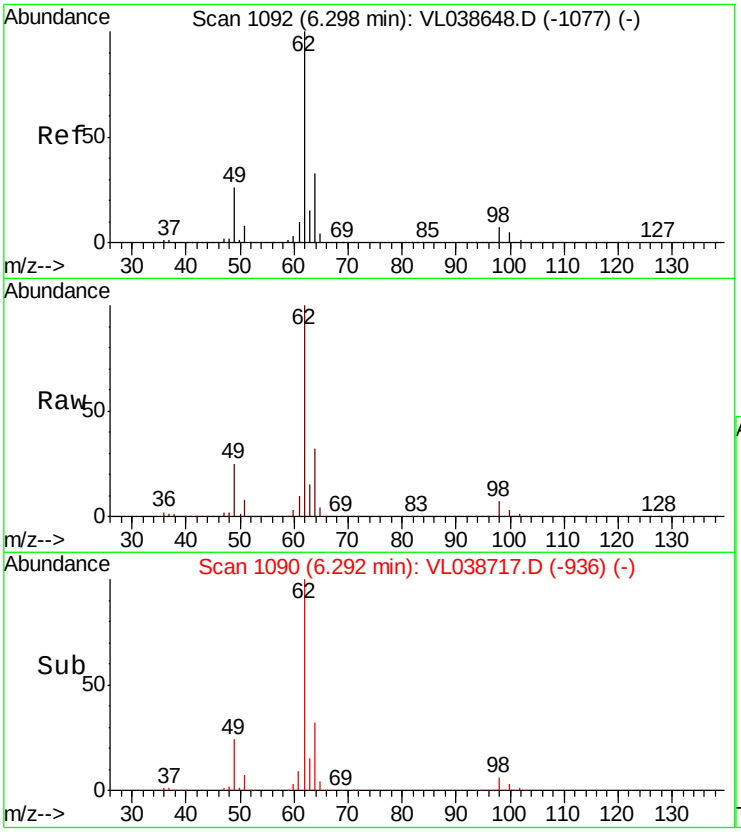


#36
Benzene
Concen: 10.123 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 78 Resp: 1623895

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.1	27.1
50	16.9	13.6	20.4



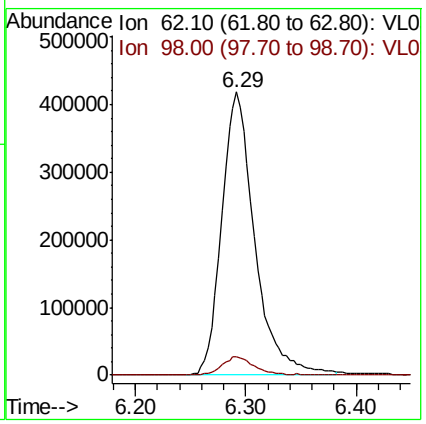


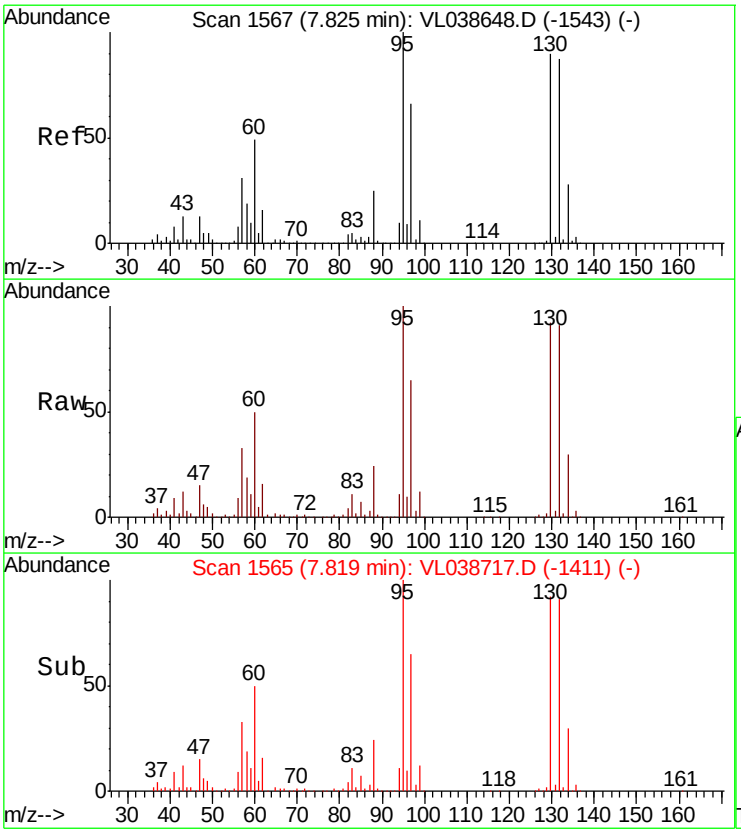
#37
1,2-Dichloroethane
Concen: 10.617 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 62 Resp: 866281

Ion	Ratio	Lower	Upper
62	100		
98	6.6	5.6	8.4

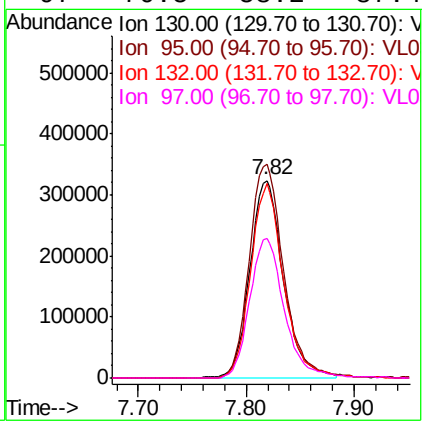


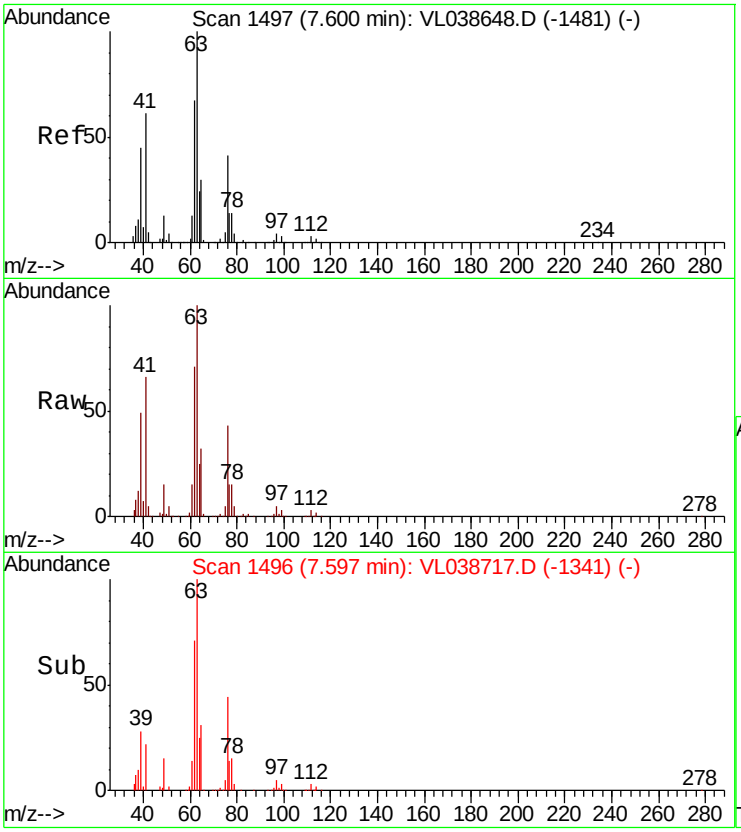


#38
Trichloroethene
Concen: 10.429 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:130 Resp: 700801

Ion	Ratio	Lower	Upper
130	100		
95	108.2	88.9	133.3
132	98.7	77.4	116.0
97	70.5	58.2	87.4



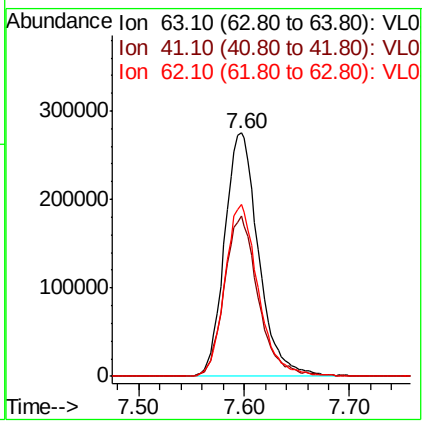


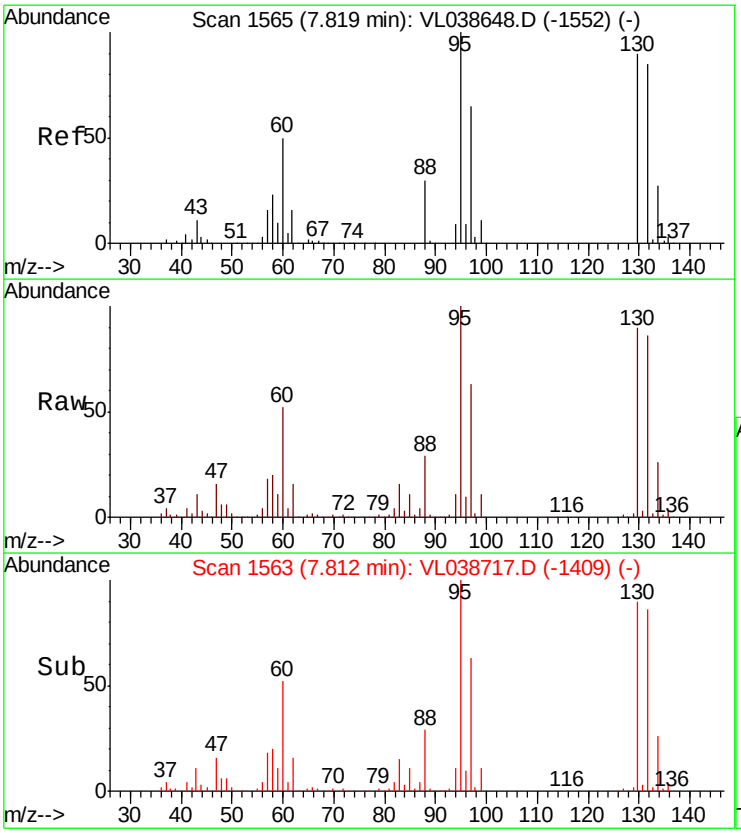
#39
1,2-Dichloropropane
Concen: 9.795 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 63 Resp: 614219

Ion	Ratio	Lower	Upper
63	100		
41	65.9	49.0	73.6
62	70.6	53.9	80.9

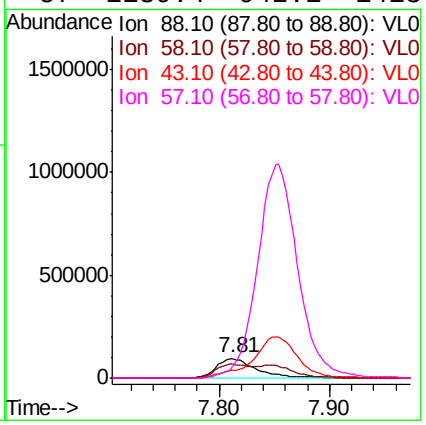


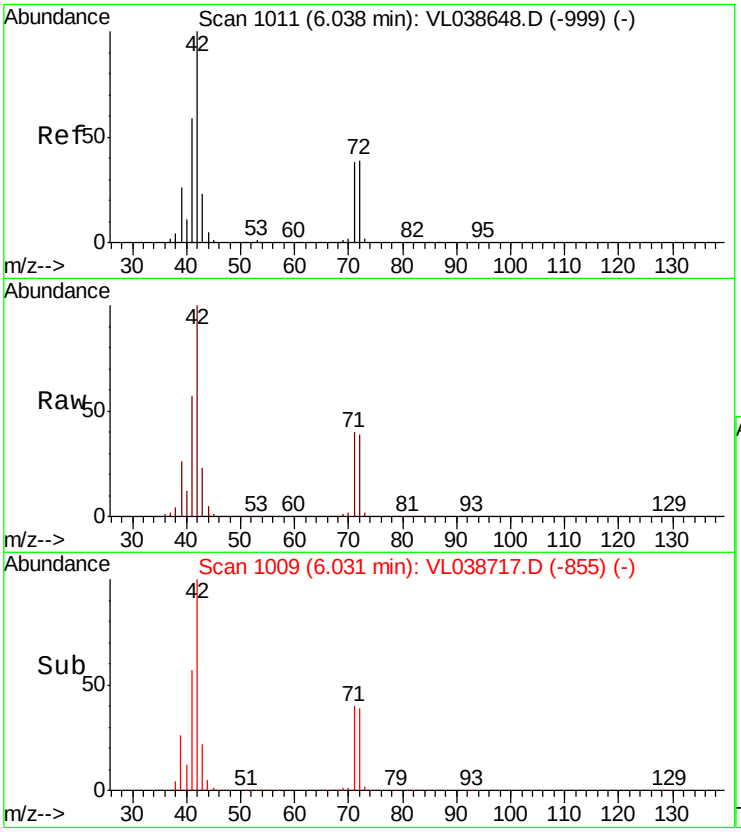


#40
1,4-Dioxane
Concen: 10.650 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 88 Resp: 231928

Ion	Ratio	Lower	Upper
88	100		
58	124.8	105.6	158.4
43	242.0	201.9	302.9
57	1139.4	942.1	1413.1



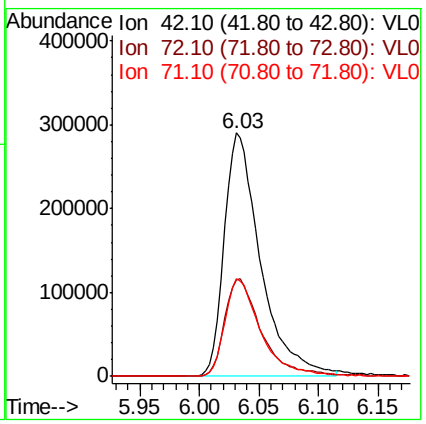


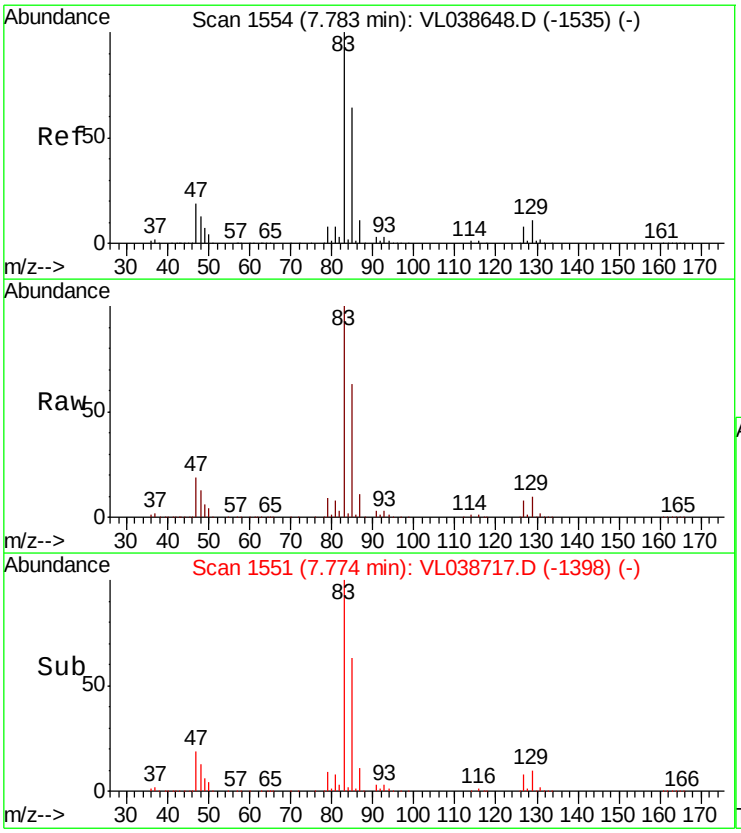
#41
Tetrahydrofuran
Concen: 10.031 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 42 Resp: 614146

Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.5	48.7
71	40.0	31.4	47.2

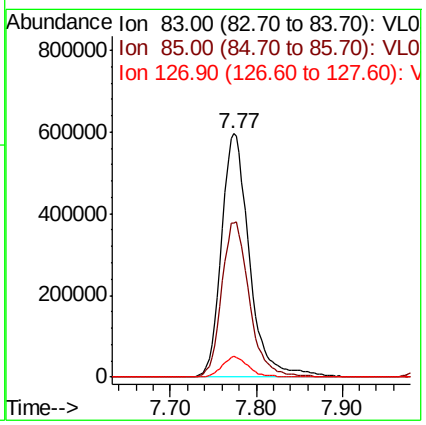


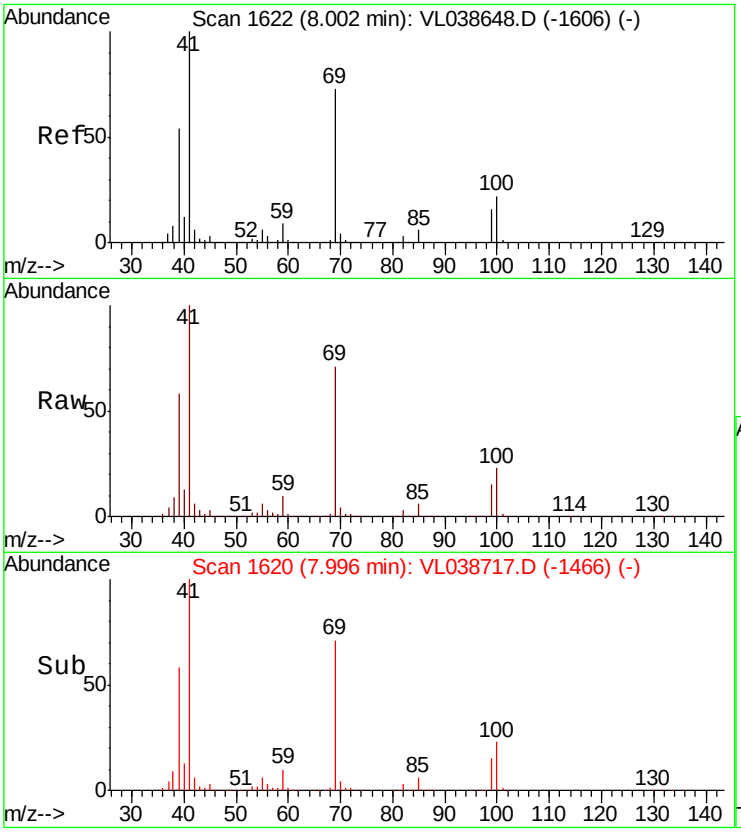


#42
Bromodichloromethane
Concen: 11.017 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 83 Resp: 1347783

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.1	76.7
127	8.4	6.5	9.7



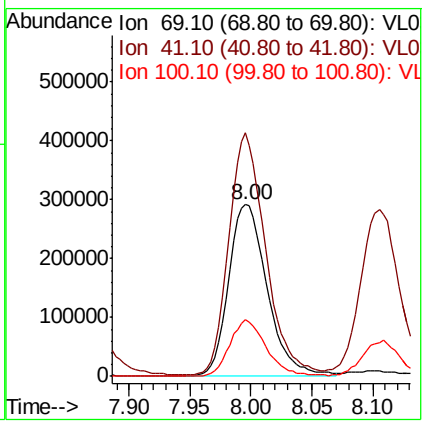


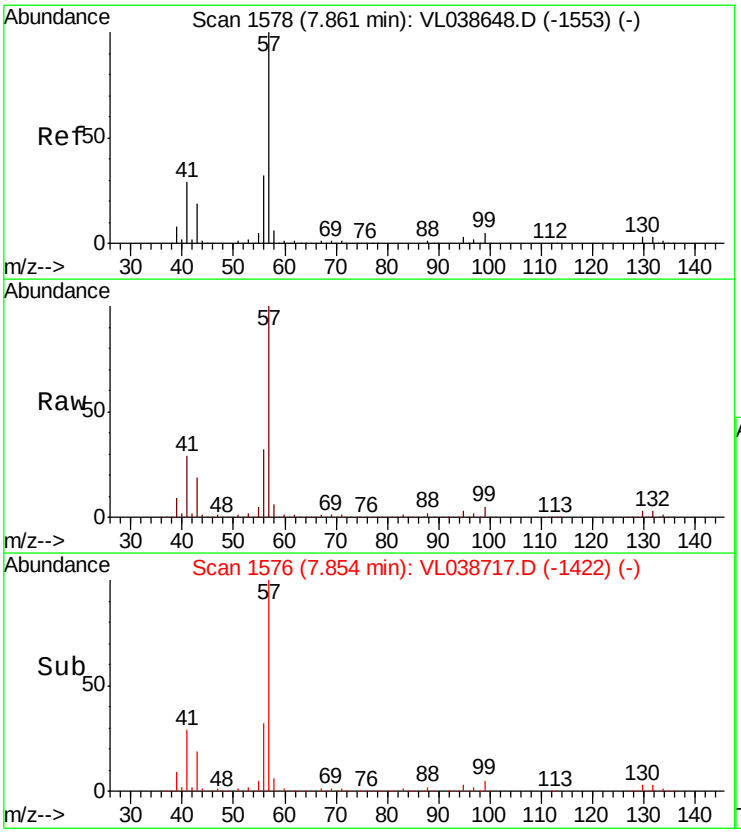
#43
Methyl Methacrylate
Concen: 10.790 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 69 Resp: 642569

Ion	Ratio	Lower	Upper
69	100		
41	136.2	110.3	165.5
100	31.2	24.8	37.2

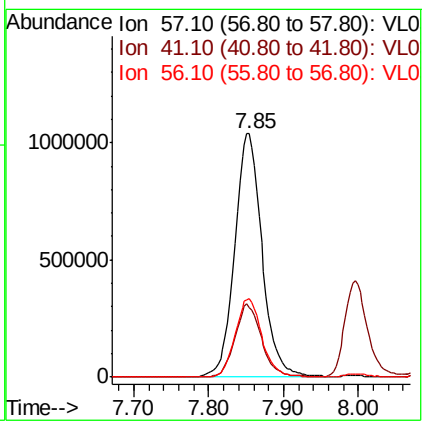


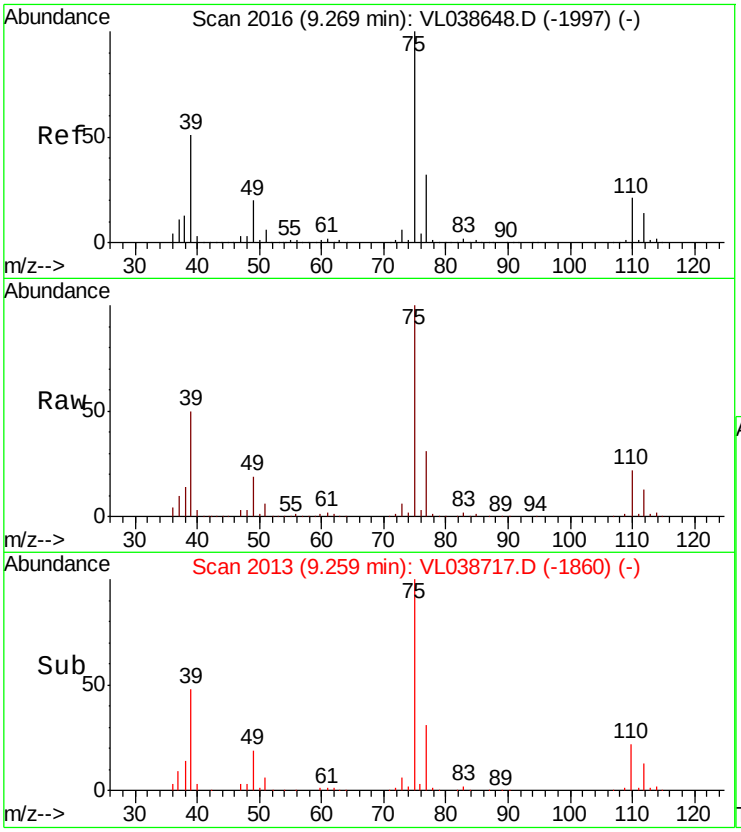


#44
2,2,4-Trimethylpentane
Concen: 9.814 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 57 Resp: 2643106

Ion	Ratio	Lower	Upper
57	100		
41	29.0	23.0	34.4
56	31.4	25.3	37.9



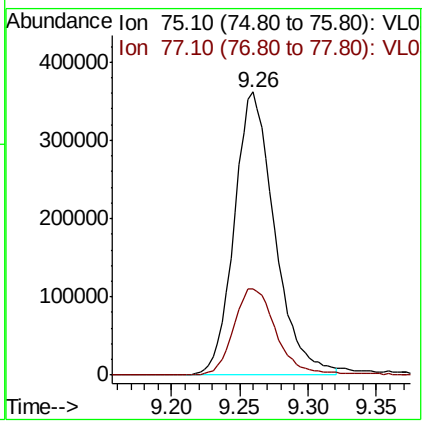


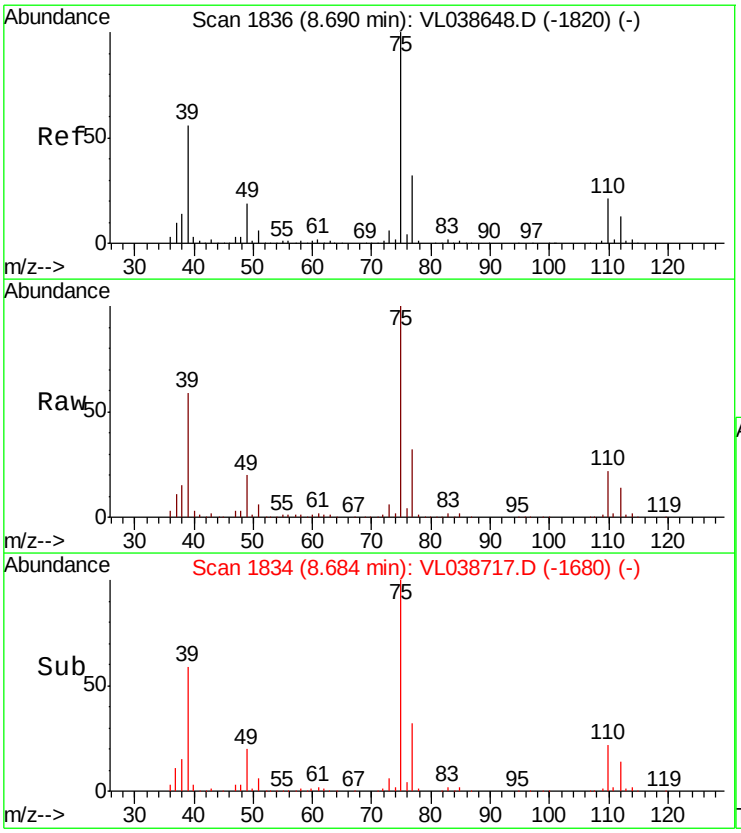
#45
t-1,3-Dichloropropene
Concen: 12.272 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 75 Resp: 743082

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3

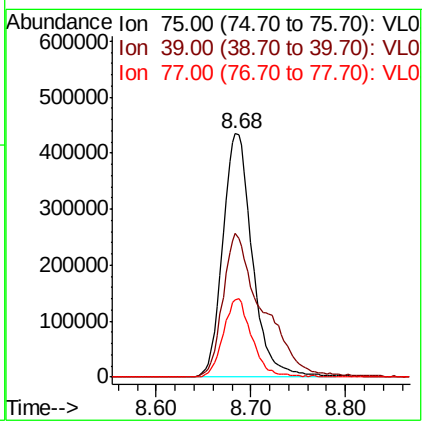


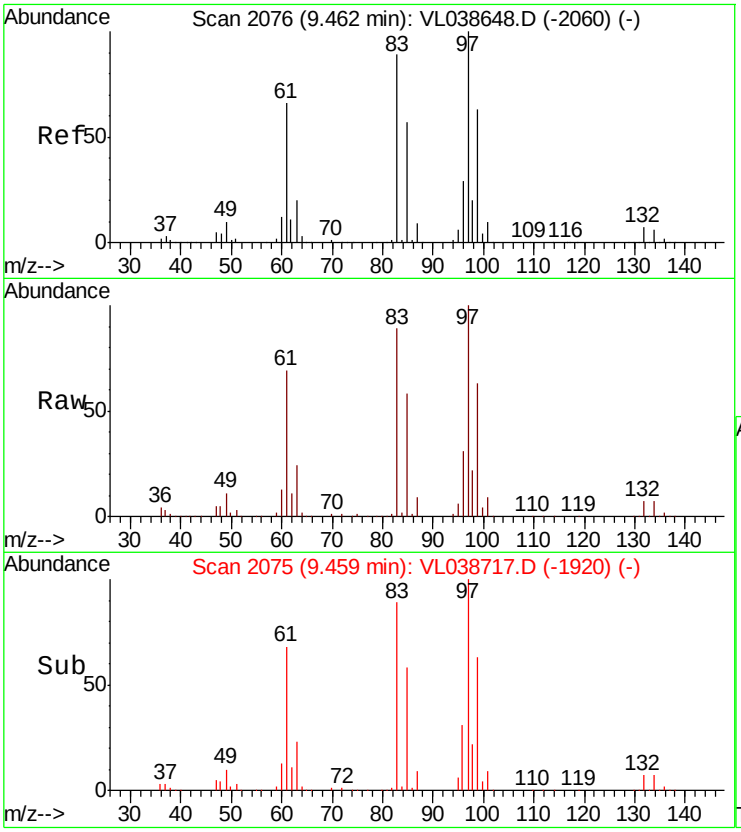


#46
cis-1,3-Dichloropropene
Concen: 11.546 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 75 Resp: 945398

Ion	Ratio	Lower	Upper
75	100		
39	59.2	44.8	67.2
77	31.6	25.4	38.0



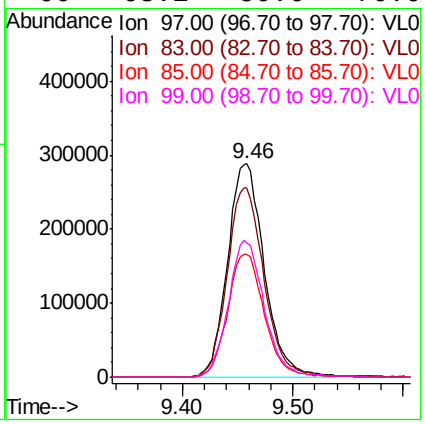


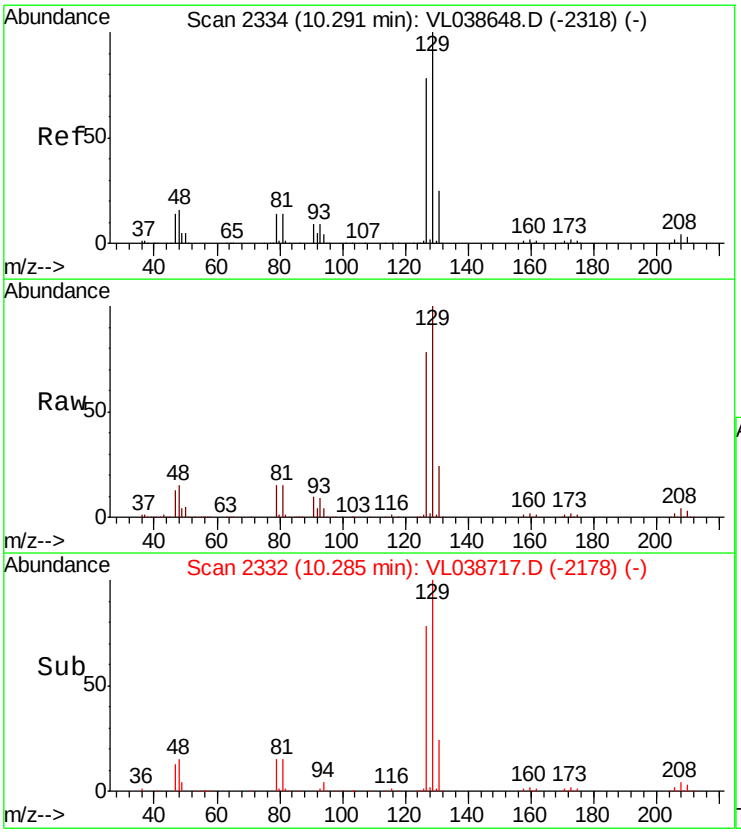
#47
1,1,2-Trichloroethane
Concen: 9.918 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 97 Resp: 664008

Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.2	106.8
85	57.8	45.3	67.9
99	63.1	50.6	76.0

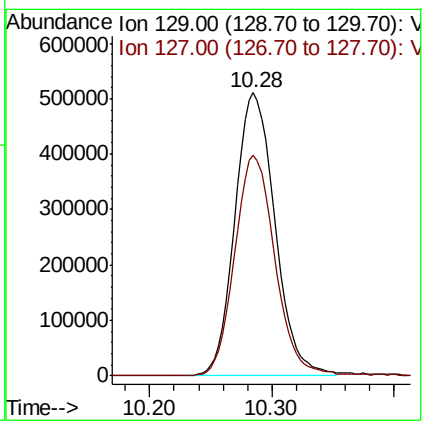


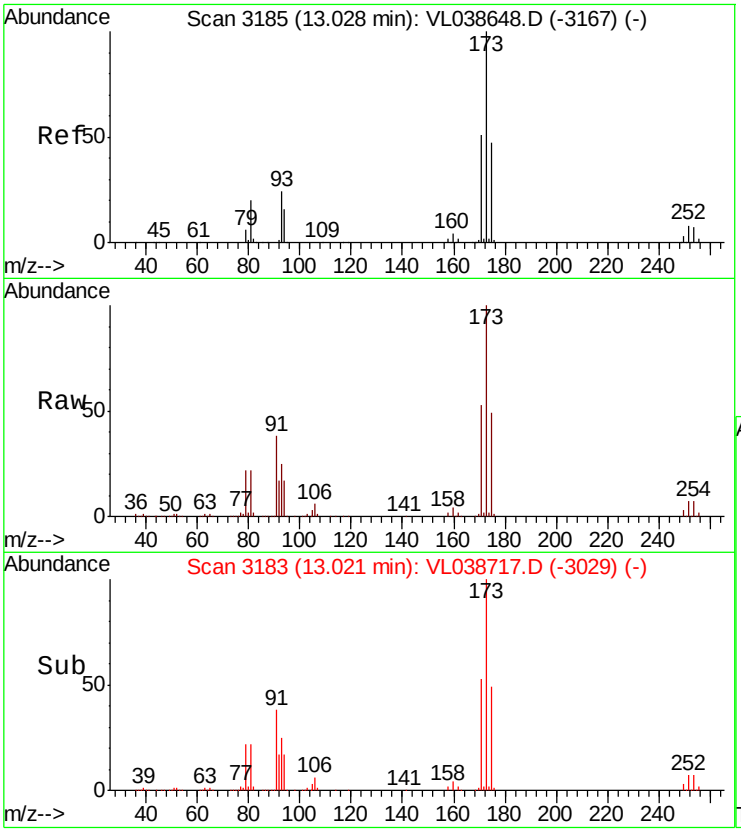


#48
Dibromochloromethane
Concen: 11.072 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:129 Resp: 1161119

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.5	118.5



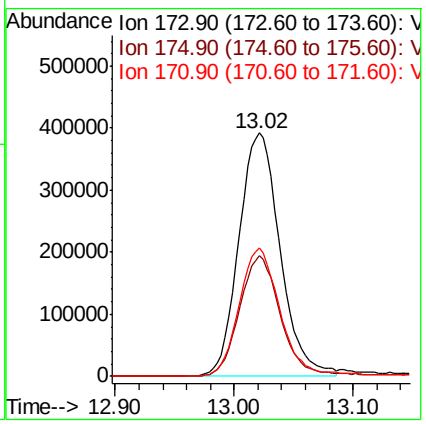


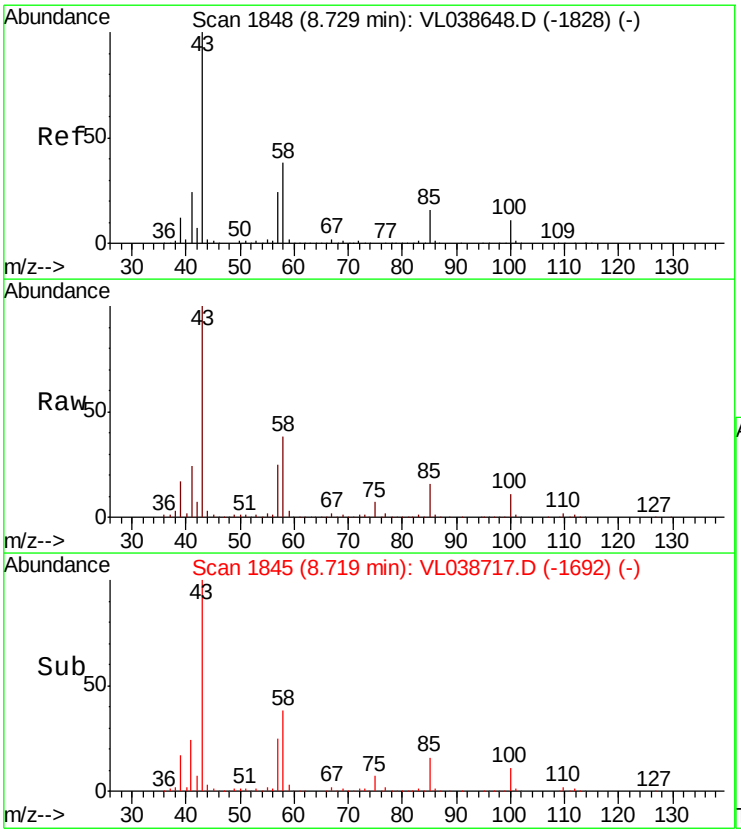
#49
Bromoform
Concen: 11.011 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:173 Resp: 941190

Ion	Ratio	Lower	Upper
173	100		
175	50.5	41.0	61.6
171	53.9	43.1	64.7

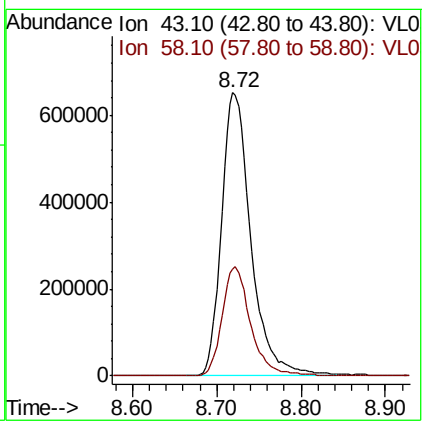


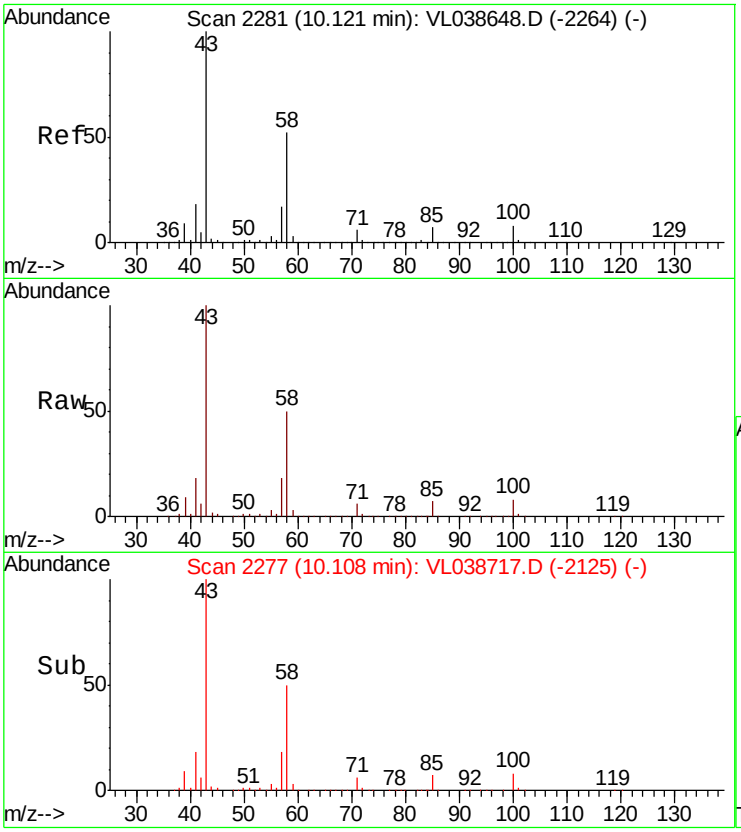


#50
4-Methyl-2-Pentanone
Concen: 10.307 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 43 Resp: 1576349

Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.9	44.9



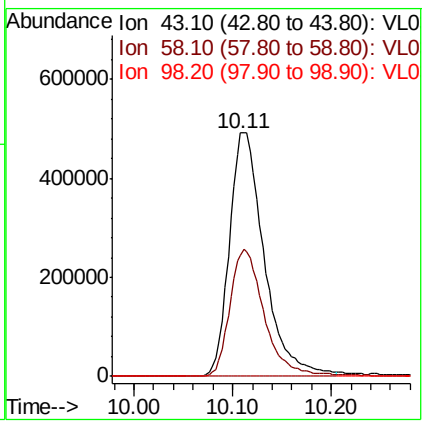


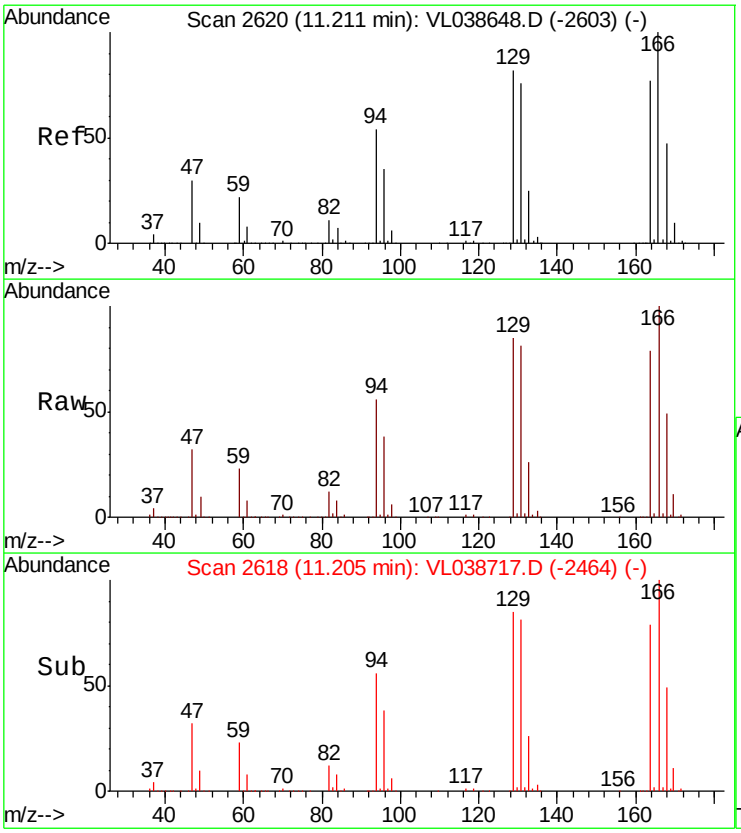
#51
2-Hexanone
Concen: 10.982 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 43 Resp: 1206403

Ion	Ratio	Lower	Upper
43	100		
58	51.9	41.2	61.8
98	0.4	0.2	0.4#

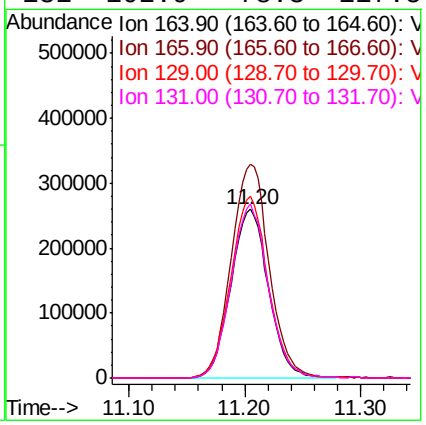


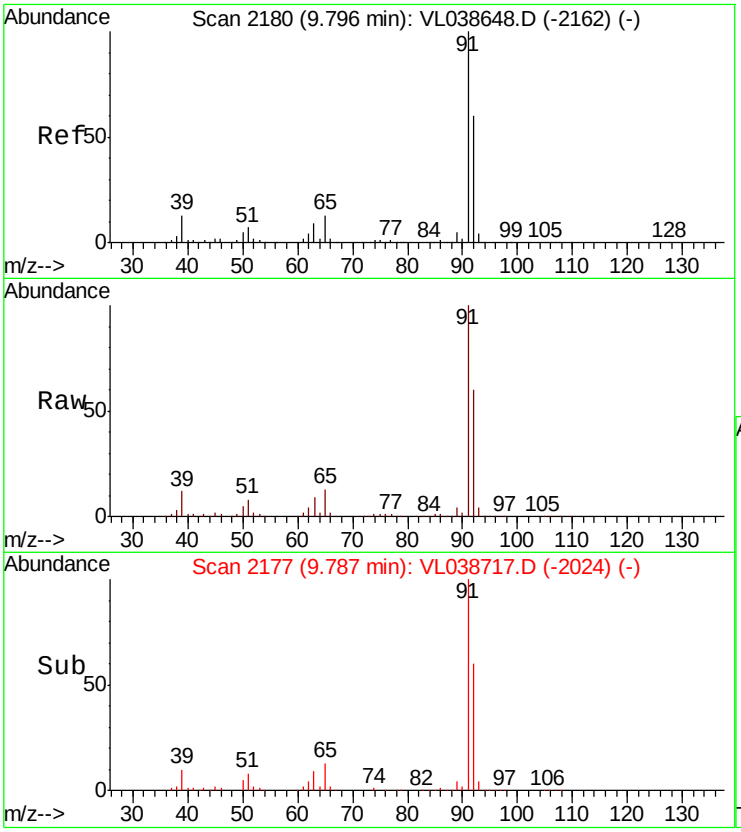


#52
Tetrachloroethene
Concen: 9.919 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:164 Resp: 582226

Ion	Ratio	Lower	Upper
164	100		
166	126.6	103.3	154.9
129	107.7	85.2	127.8
131	102.9	78.3	117.5



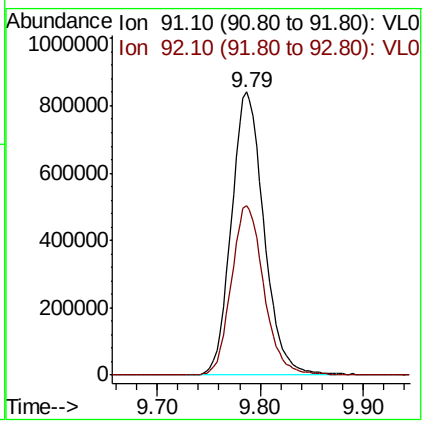


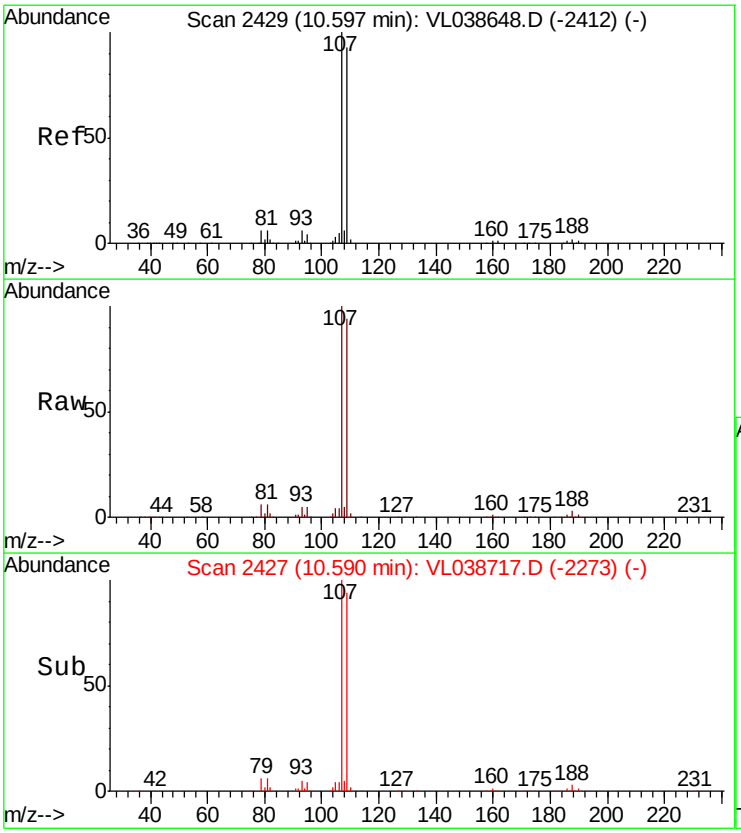
#53
Toluene
Concen: 10.712 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 91 Resp: 1846327

Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.7	73.1

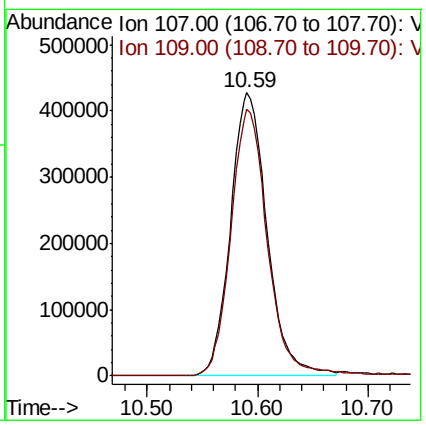


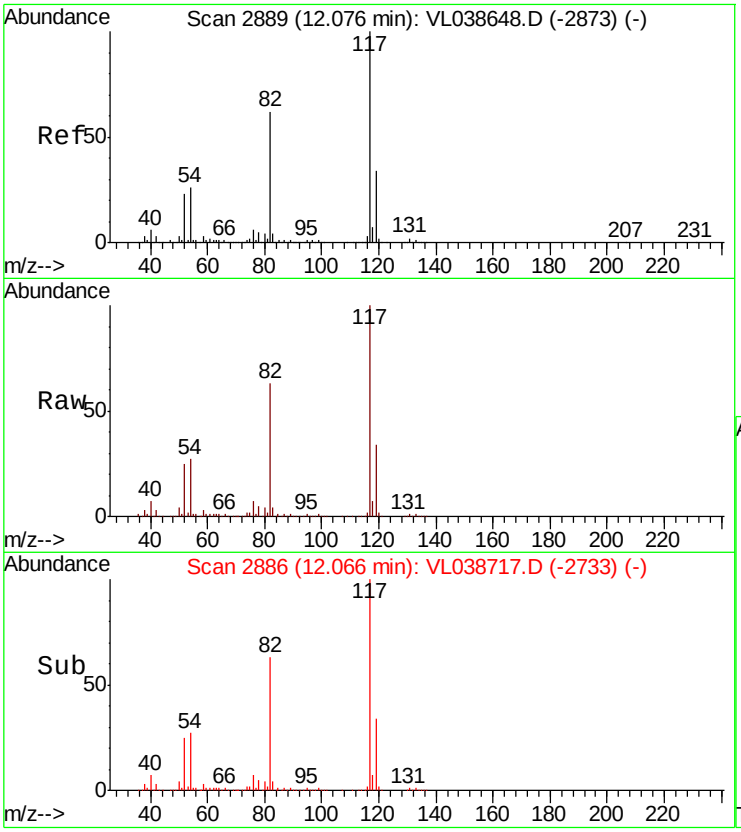


#54
1,2-Dibromoethane
Concen: 10.729 ppbv
RT: 10.59 min Scan# 2427
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:107 Resp: 980788

Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.1	111.1



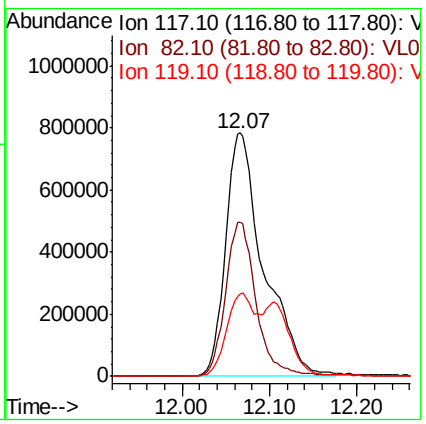


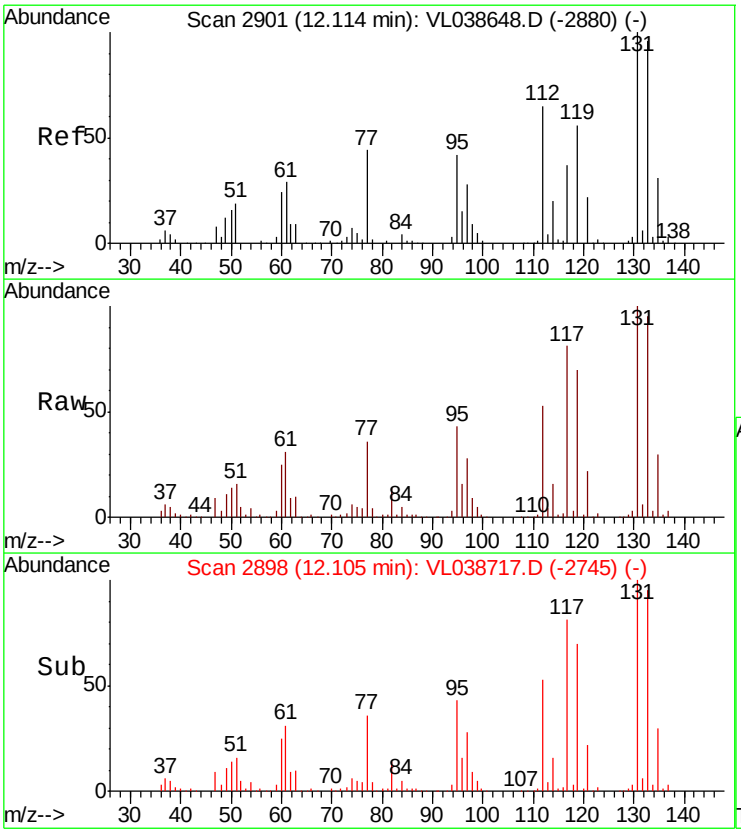
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:117 Resp: 2367666

Ion	Ratio	Lower	Upper
117	100		
82	51.5	51.6	77.4#
119	24.5	26.9	40.3#

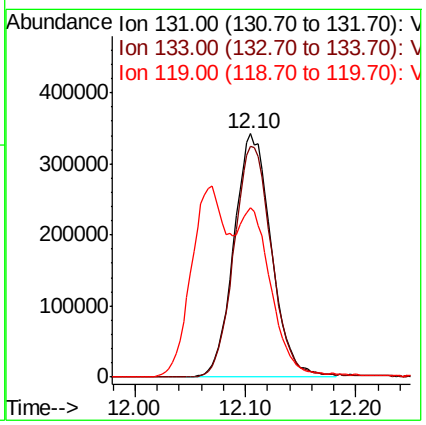


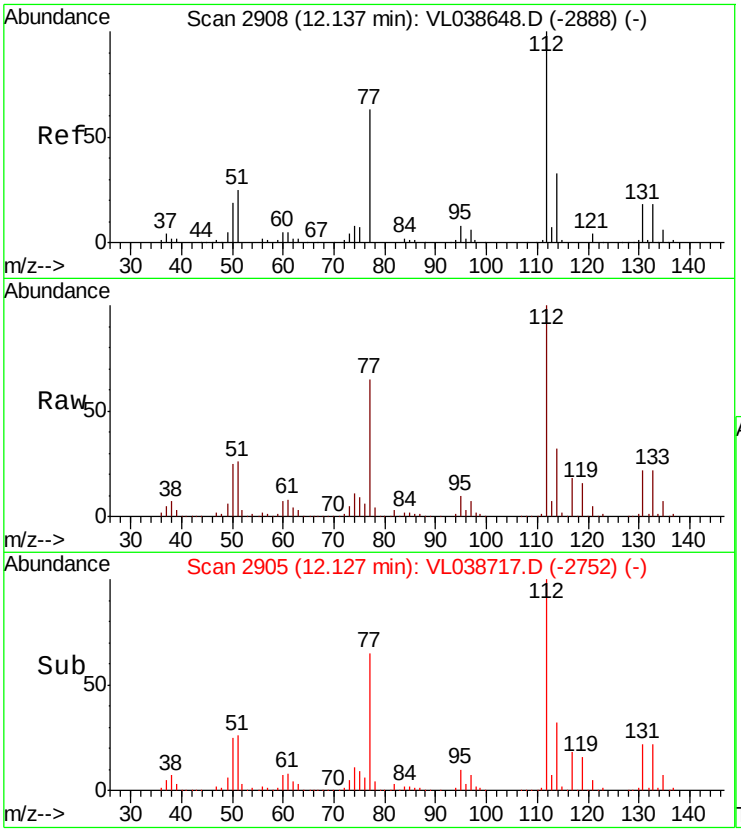


#56
1,1,1,2-Tetrachloroethane
Concen: 8.197 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:131 Resp: 804611

Ion	Ratio	Lower	Upper
131	100		
133	97.2	77.3	115.9
119	62.5	53.0	79.6



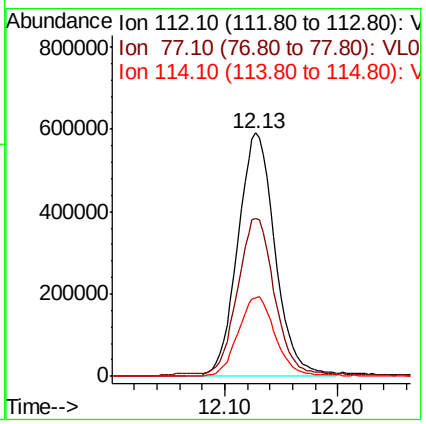


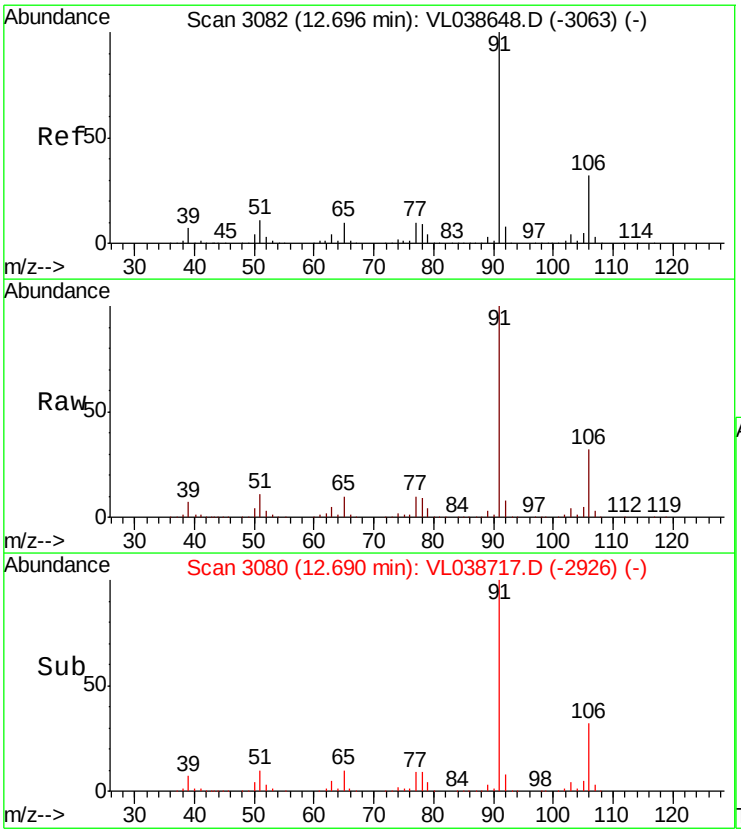
#57
Chlorobenzene
Concen: 7.921 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:112 Resp: 1352643

Ion	Ratio	Lower	Upper
112	100		
77	63.8	51.0	76.6
114	32.0	29.8	36.4

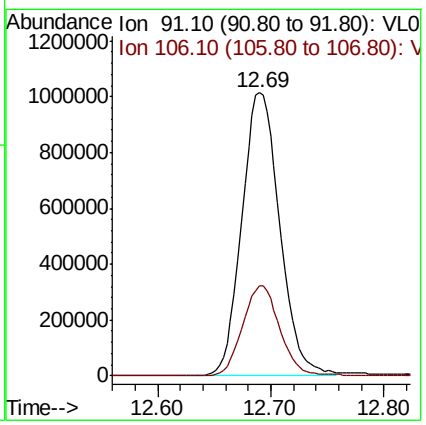


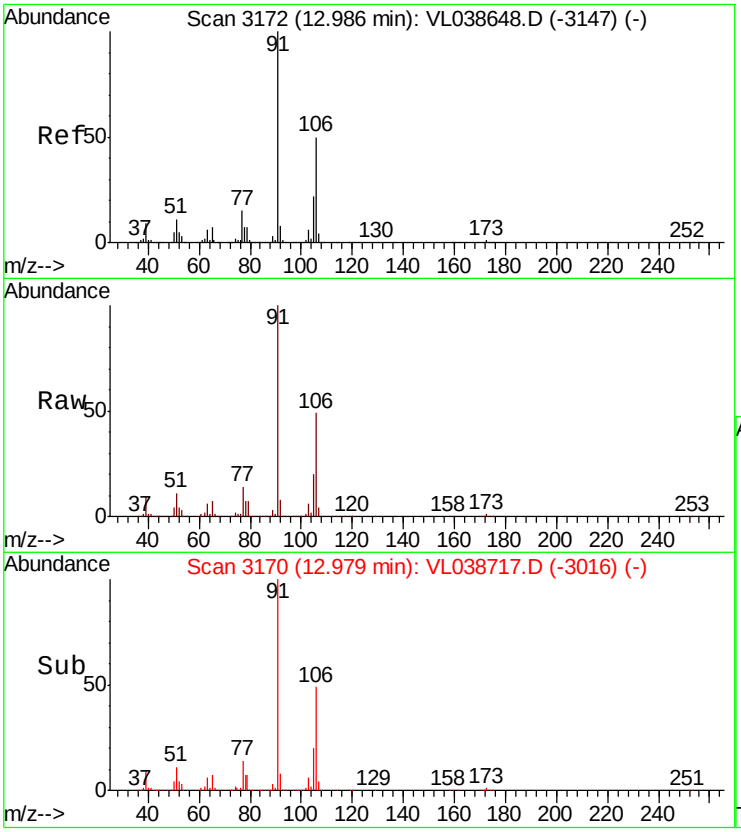


#58
Ethyl Benzene
Concen: 8.546 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 91 Resp: 2365569

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.0



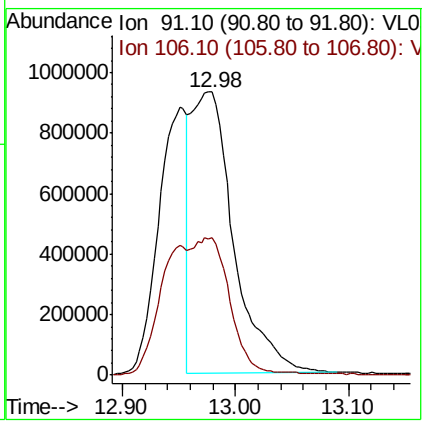


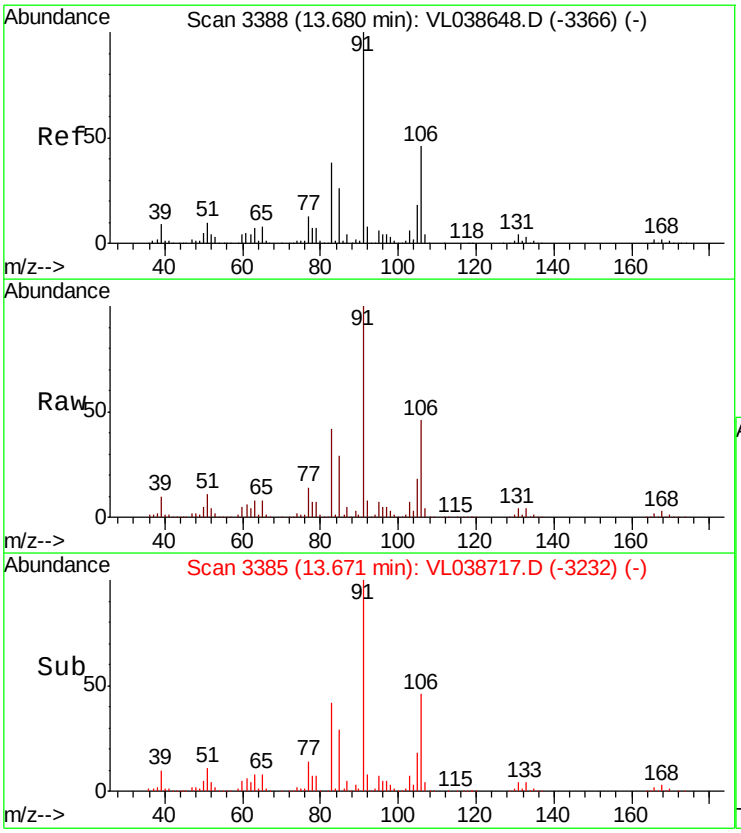
#59
m/p-Xylene
Concen: 9.967 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 91 Resp: 2413126

Ion	Ratio	Lower	Upper
91	100		
106	76.5	37.2	55.8#

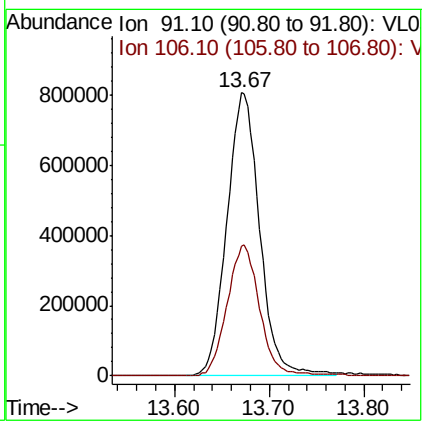


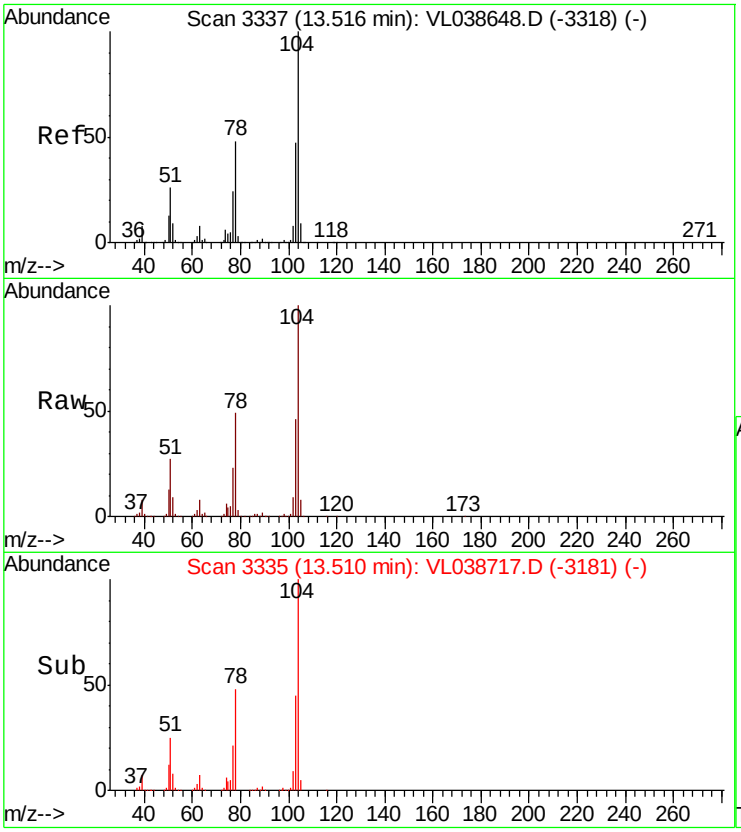


#60
o-Xylene
Concen: 8.410 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 91 Resp: 1933384

Ion	Ratio	Lower	Upper
91	100		
106	46.7	23.5	70.5



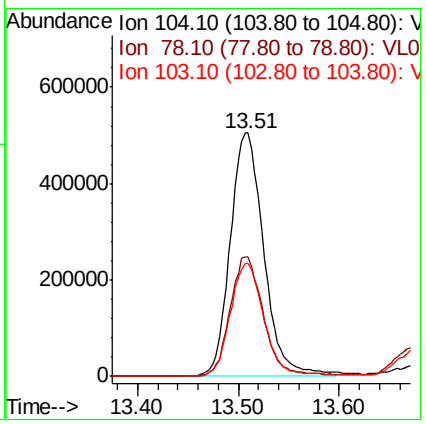


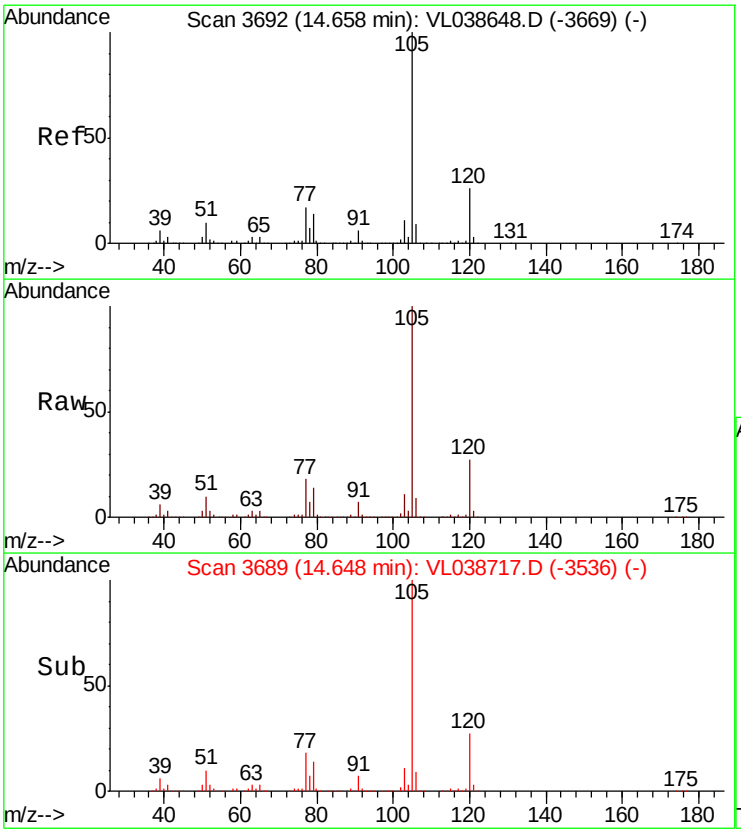
#61
Stvrene
Concen: 9.374 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:104 Resp: 1168636

Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.0	58.4
103	47.0	37.8	56.8

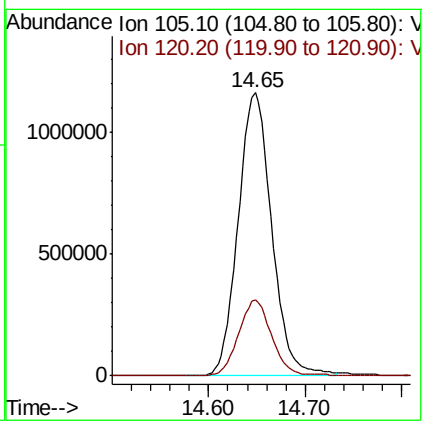


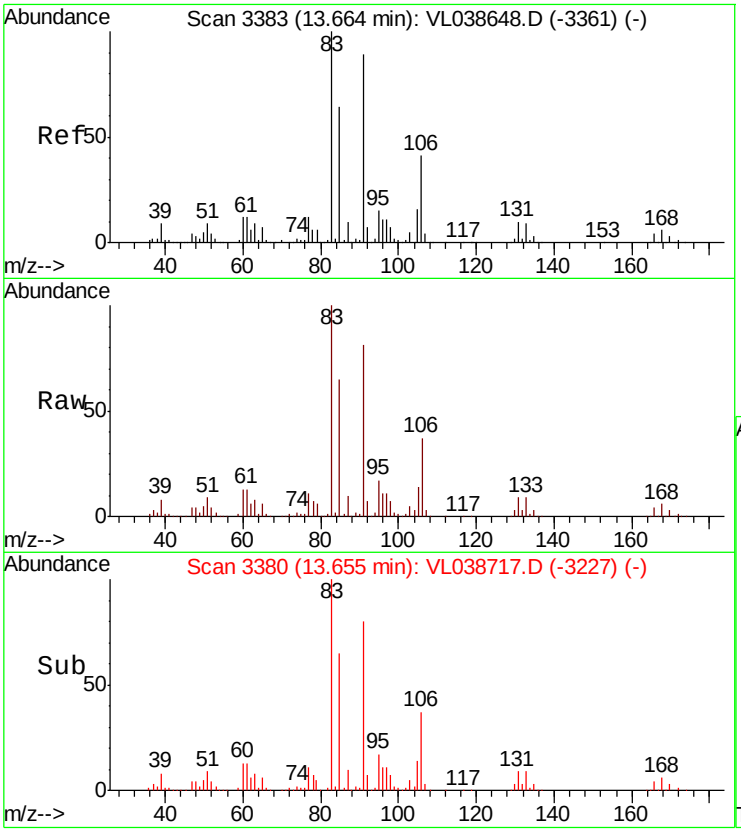


#62
Isopropylbenzene
Concen: 8.134 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:105 Resp: 2811222

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.2	31.8



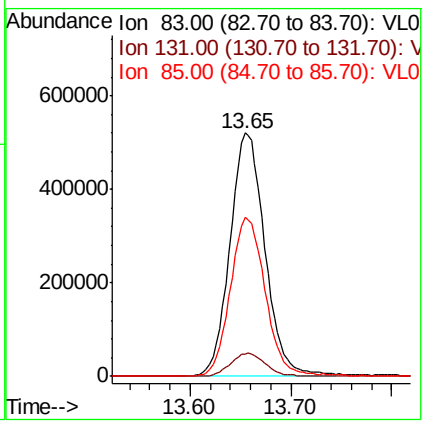


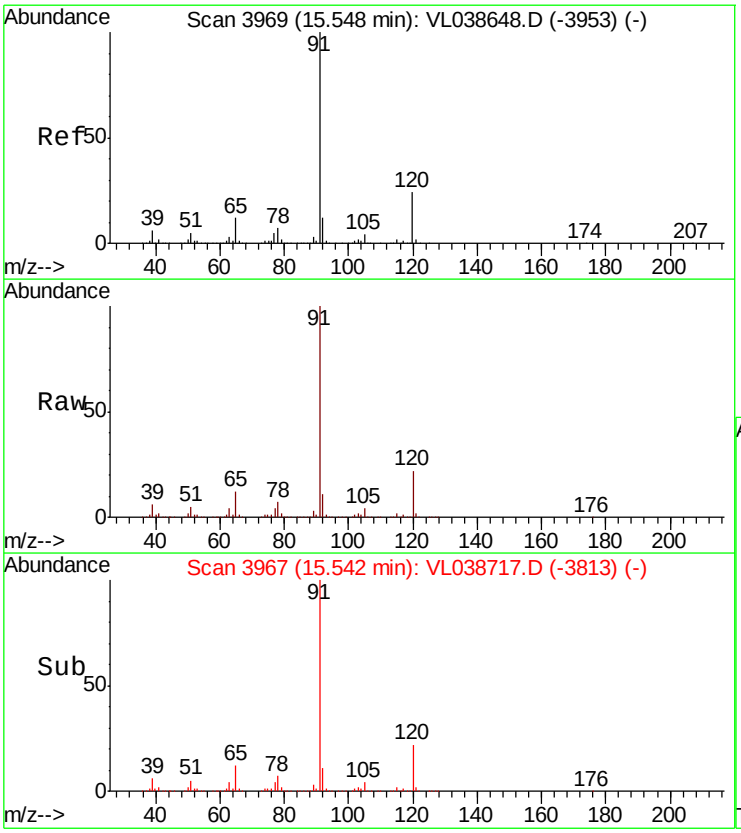
#63
1,1,2,2-Tetrachloroethane
Concen: 7.024 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 83 Resp: 1250817

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.3
85	66.2	32.6	97.8

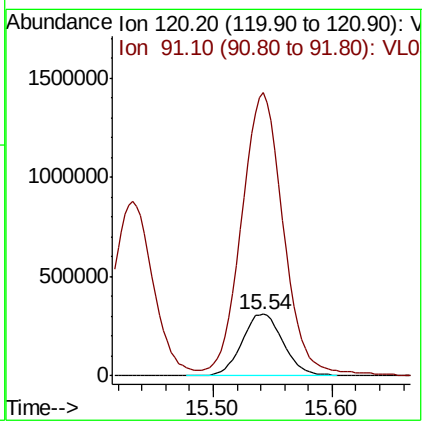


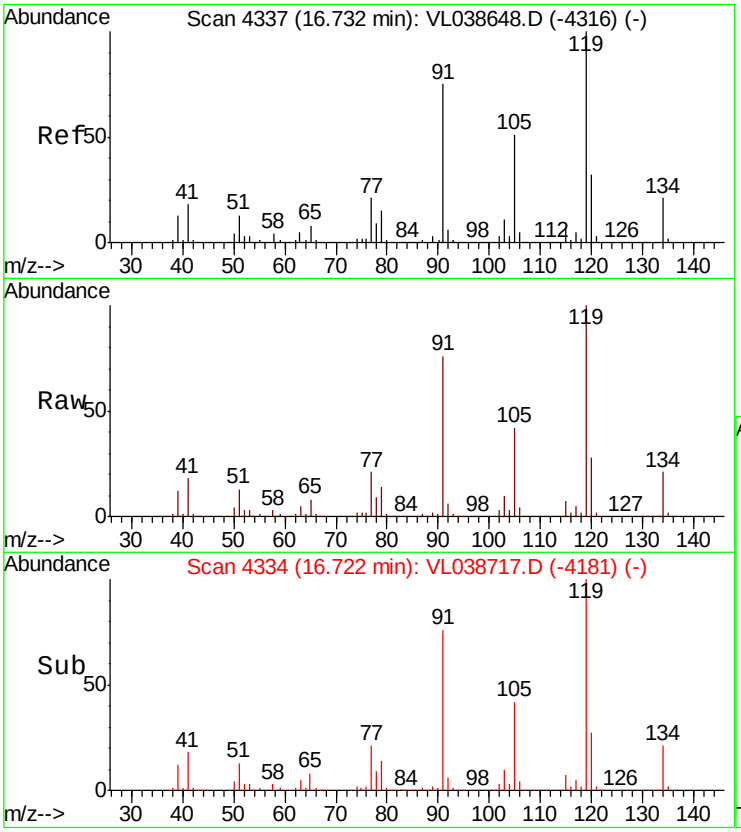


#64
n-propylbenzene
Concen: 8.258 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:120 Resp: 748916

Ion	Ratio	Lower	Upper
120	100		
91	465.2	368.0	552.0



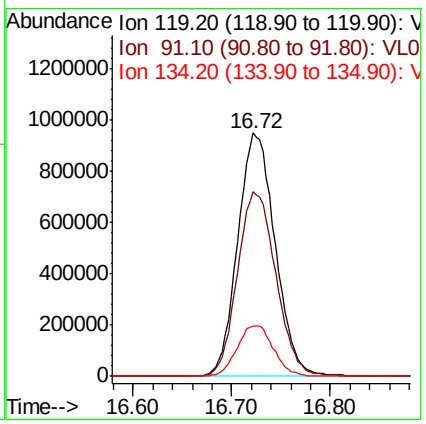


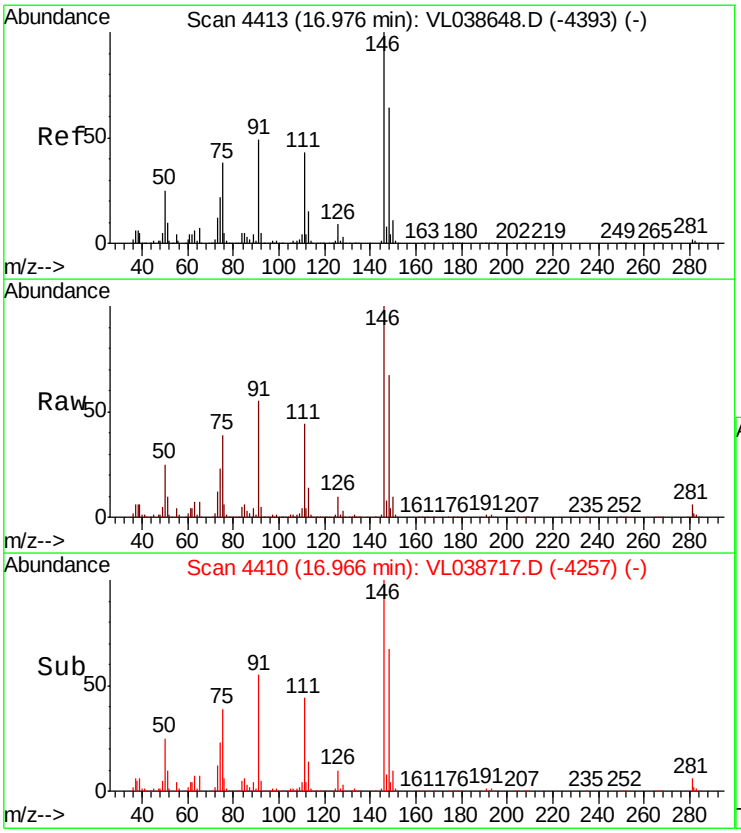
#65
tert-Butylbenzene
Concen: 8.021 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:119 Resp: 2491066

Ion	Ratio	Lower	Upper
119	100		
91	78.1	61.2	91.8
134	20.4	16.3	24.5

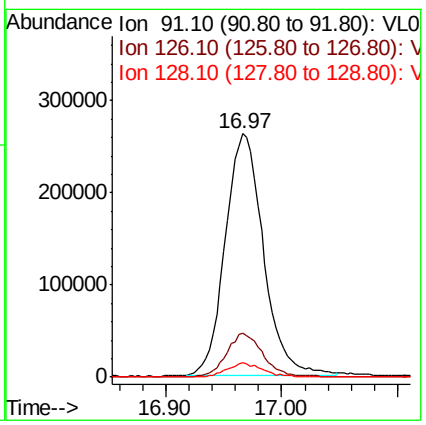


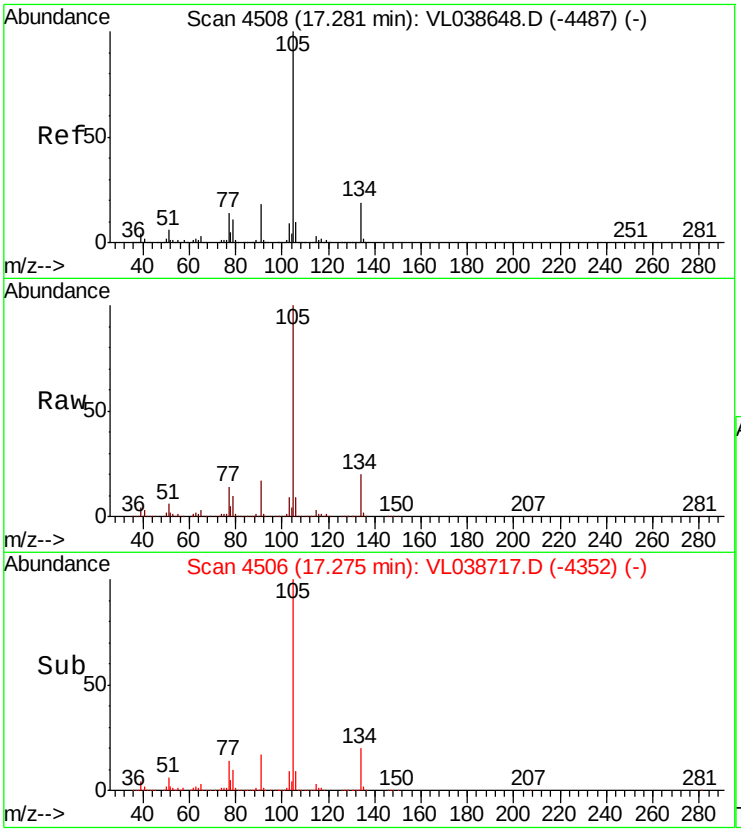


#66
Benzyl Chloride
Concen: 10.174 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 91 Resp: 598258

Ion	Ratio	Lower	Upper
91	100		
126	17.6	14.3	21.5
128	5.6	4.6	6.8



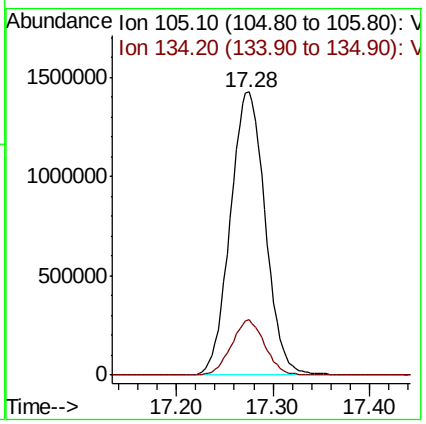


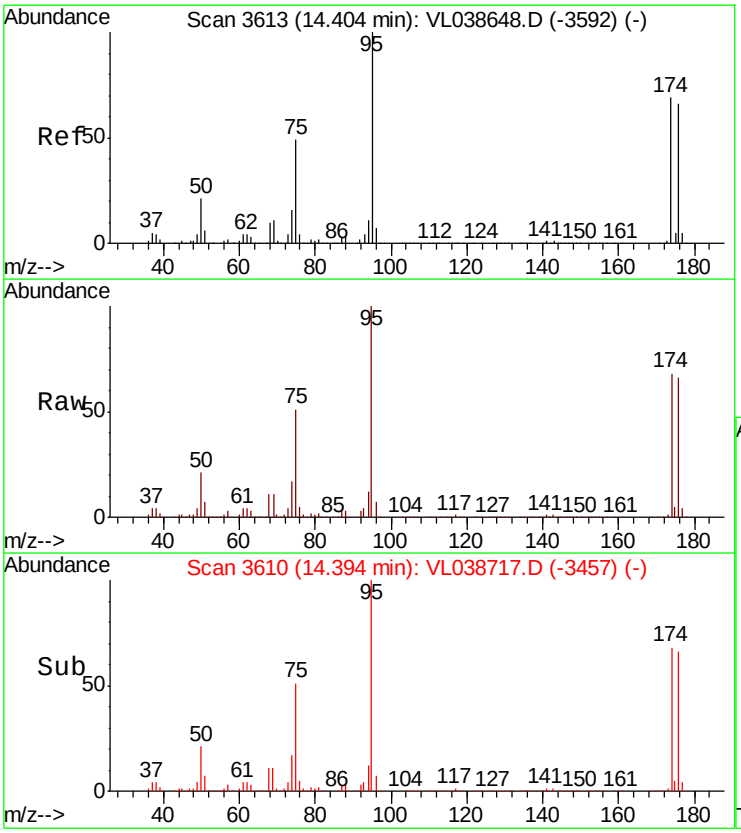
#67
sec-Butylbenzene
Concen: 8.054 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:105 Resp: 3577148

Ion	Ratio	Lower	Upper
105	100		
134	18.8	15.1	22.7

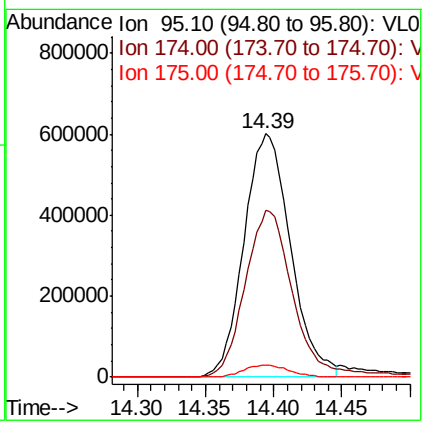


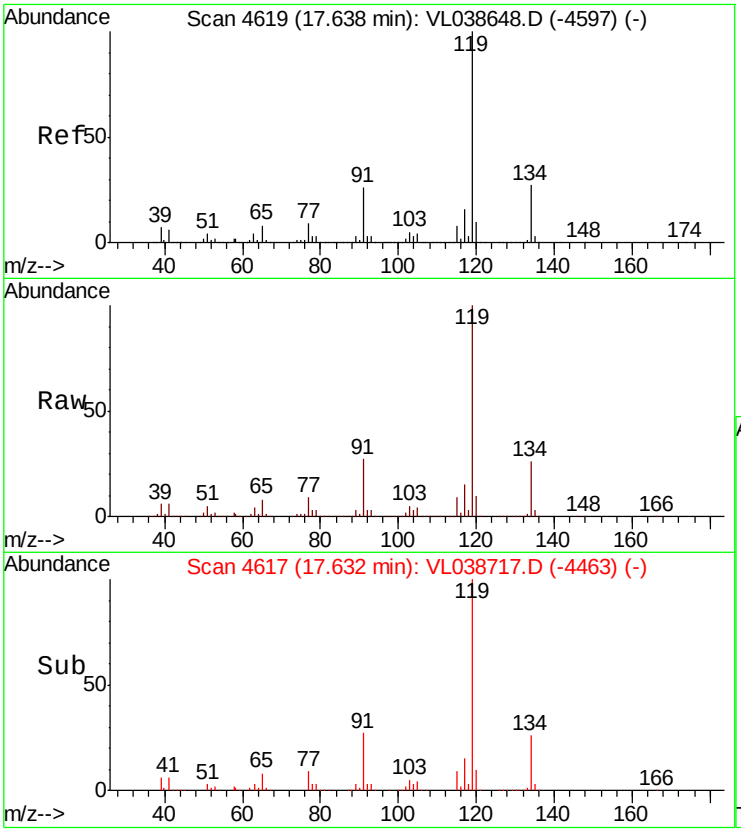


#68
1-Bromo-4-Fluorobenzene
Concen: 7.848 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 95 Resp: 1424612

Ion	Ratio	Lower	Upper
95	100		
174	72.2	56.1	84.1
175	5.3	4.2	6.2



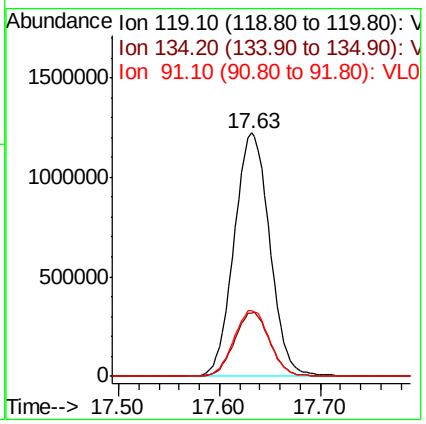


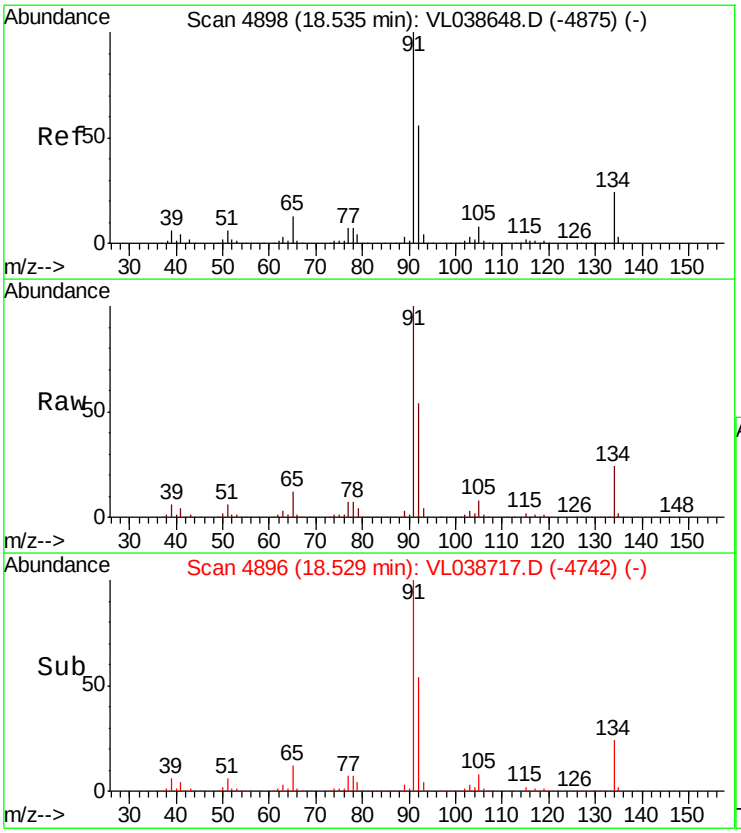
#69
p-Isopropyltoluene
Concen: 8.247 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:119 Resp: 2989394

Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.2	31.8
91	27.1	21.4	32.2

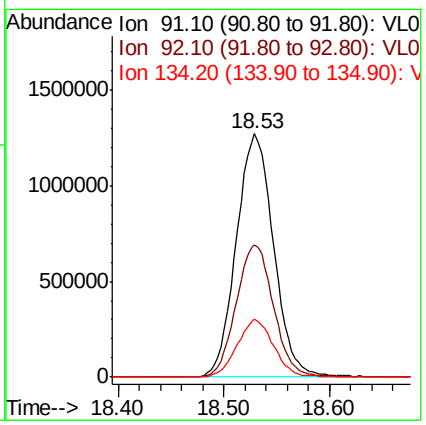


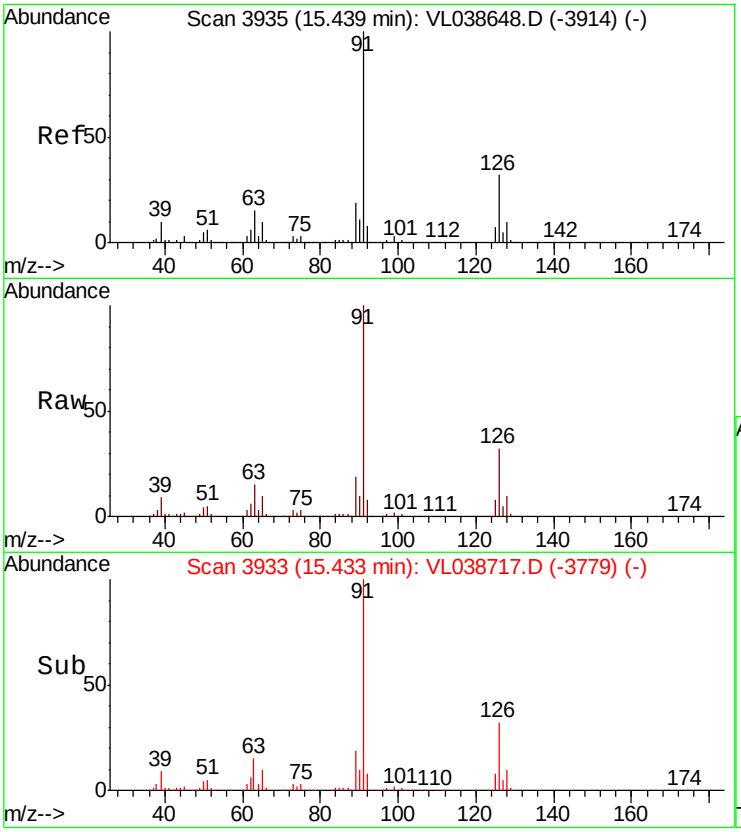


#70
n-Butylbenzene
Concen: 8.353 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion: 91 Resp: 3122720

Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.9	65.9
134	23.2	18.7	28.1



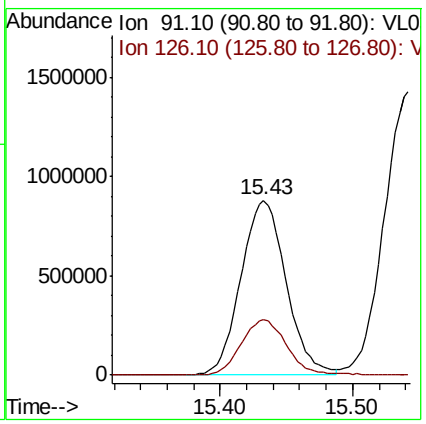


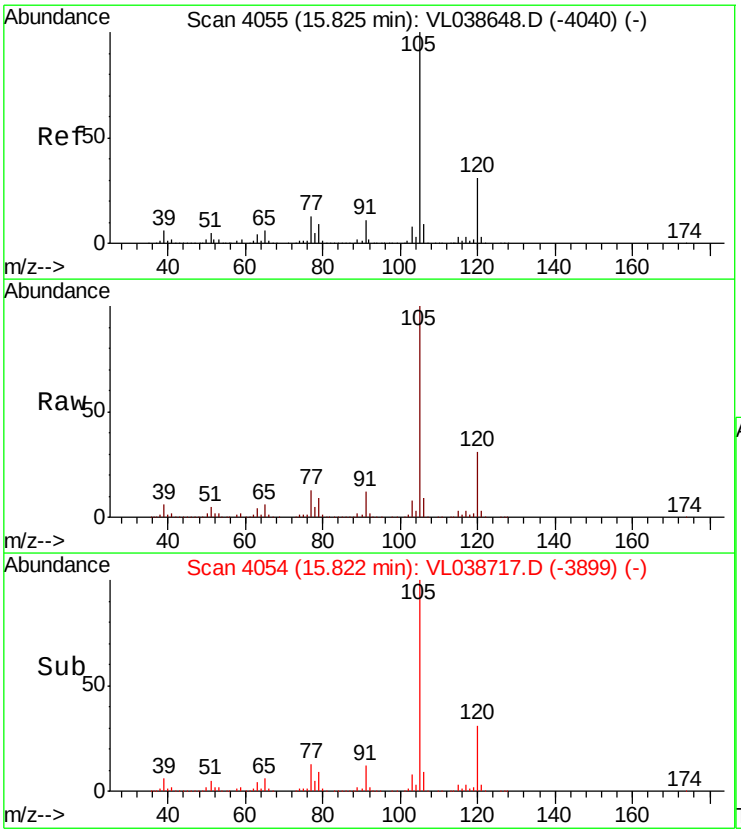
#71
2-Chlorotoluene
Concen: 8.162 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion: 91 Resp: 2093668

Ion	Ratio	Lower	Upper
91	100		
126	32.7	13.1	52.3

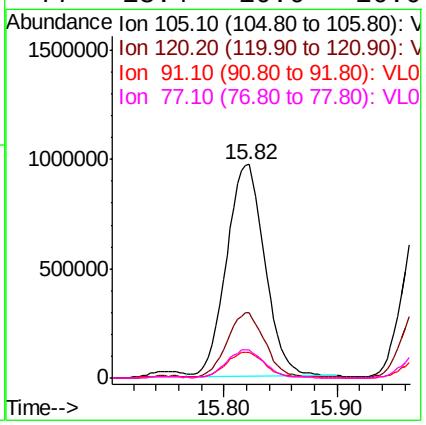


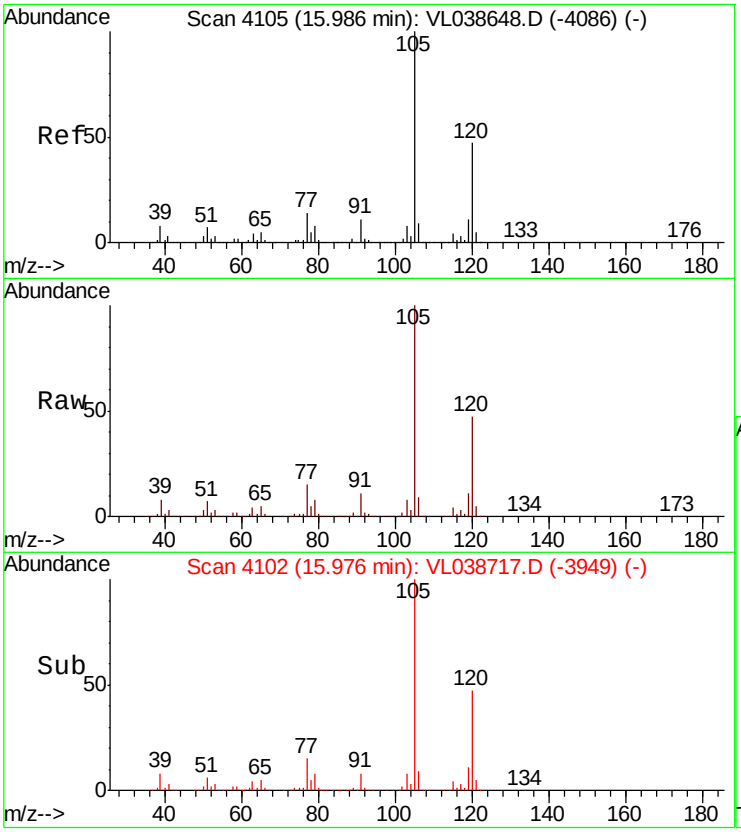


#72
4-Ethyltoluene
Concen: 8.460 ppbv
RT: 15.82 min Scan# 4054
Delta R.T. -0.00 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:105 Resp: 2295927

Ion	Ratio	Lower	Upper
105	100		
120	31.0	24.9	37.3
91	12.3	9.8	14.6
77	13.4	10.6	16.0



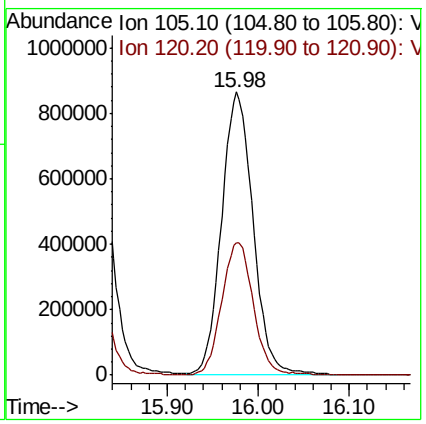


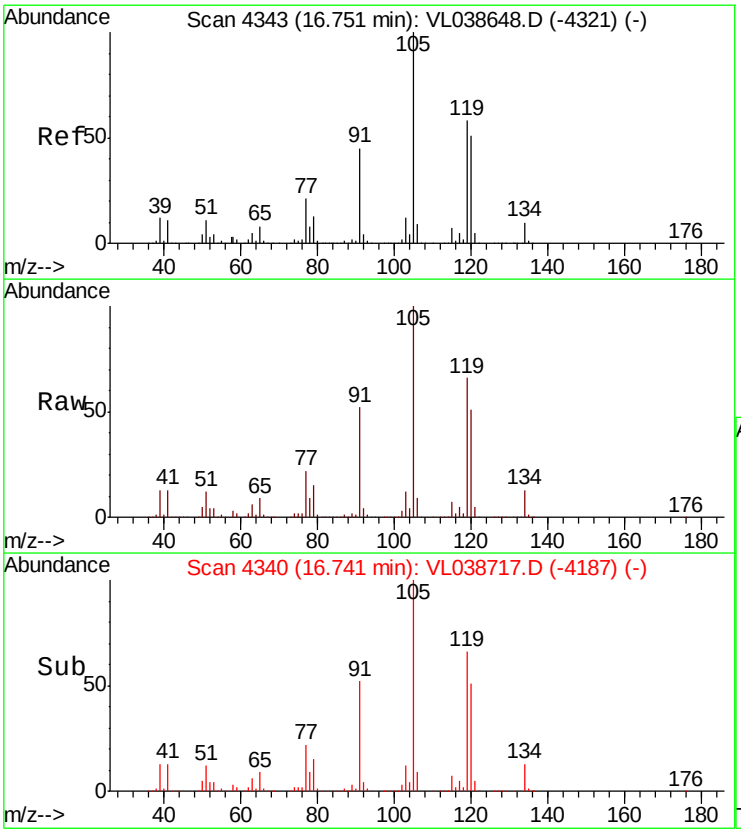
#73
1,3,5-Trimethylbenzene
Concen: 8.322 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:105 Resp: 2058015

Ion	Ratio	Lower	Upper
105	100		
120	46.8	37.6	56.4

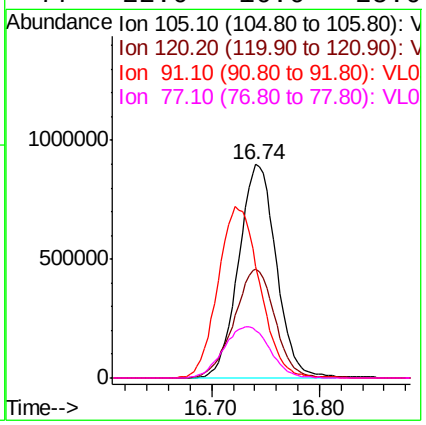


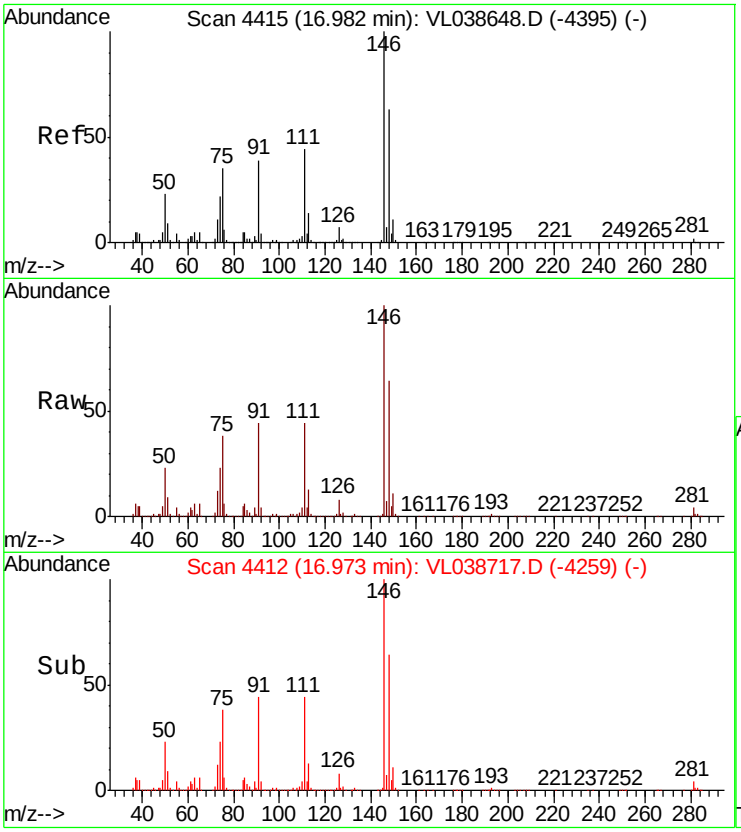


#74
1,2,4-Trimethylbenzene
Concen: 8.085 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:105 Resp: 2177778

Ion	Ratio	Lower	Upper
105	100		
120	50.6	40.5	60.7
91	52.0	35.9	53.9
77	22.0	16.6	25.0



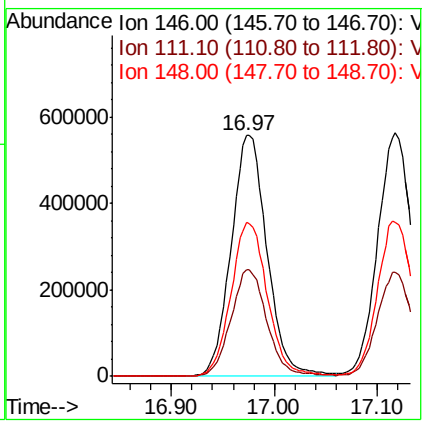


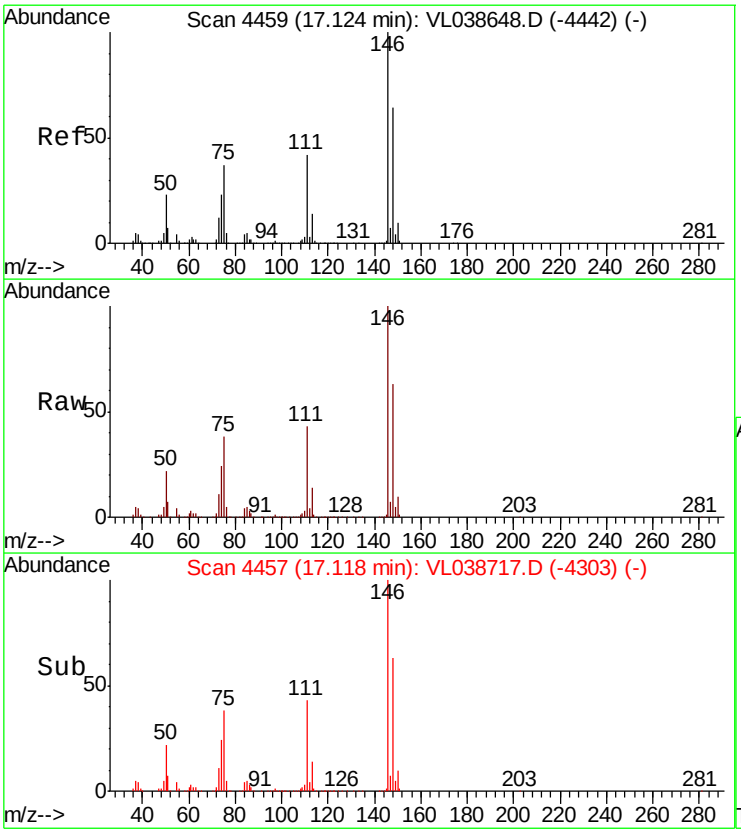
#75
1,3-Dichlorobenzene
Concen: 7.893 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:146 Resp: 1354087

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	64.6	32.5	97.5

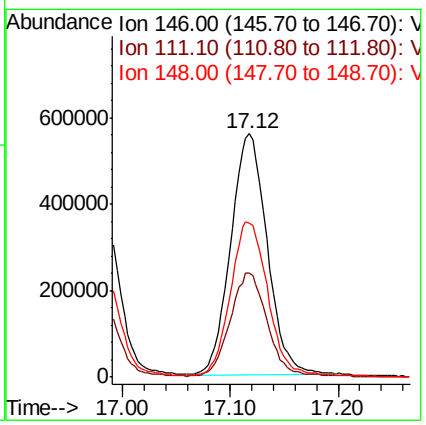


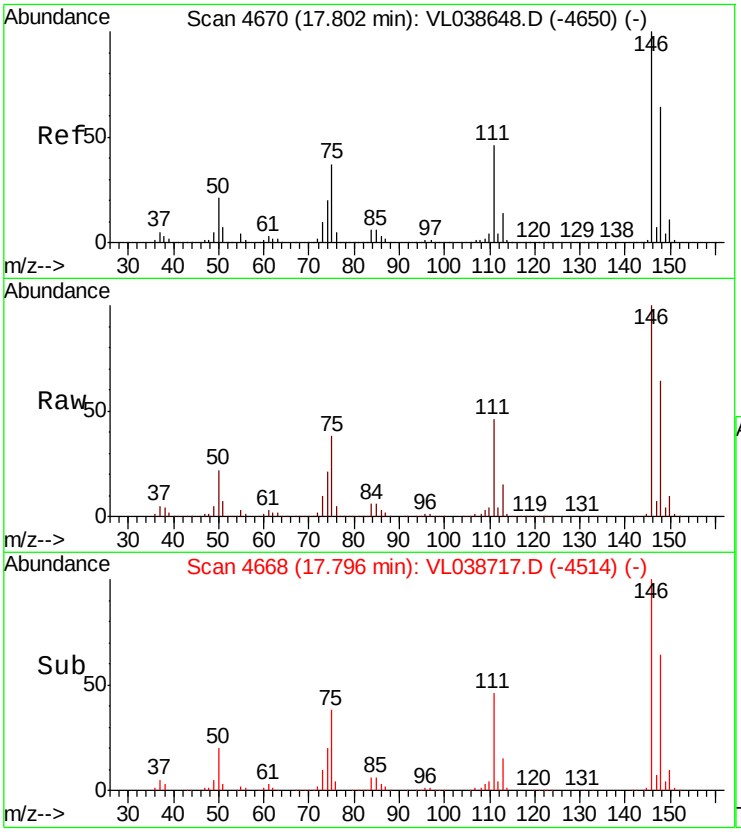


#76
1,4-Dichlorobenzene
Concen: 7.726 ppbv
RT: 17.12 min Scan# 4457
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:146 Resp: 1318216

Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.4	64.2
148	66.6	32.1	96.3



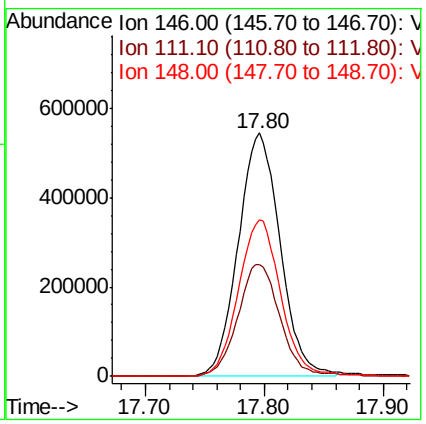


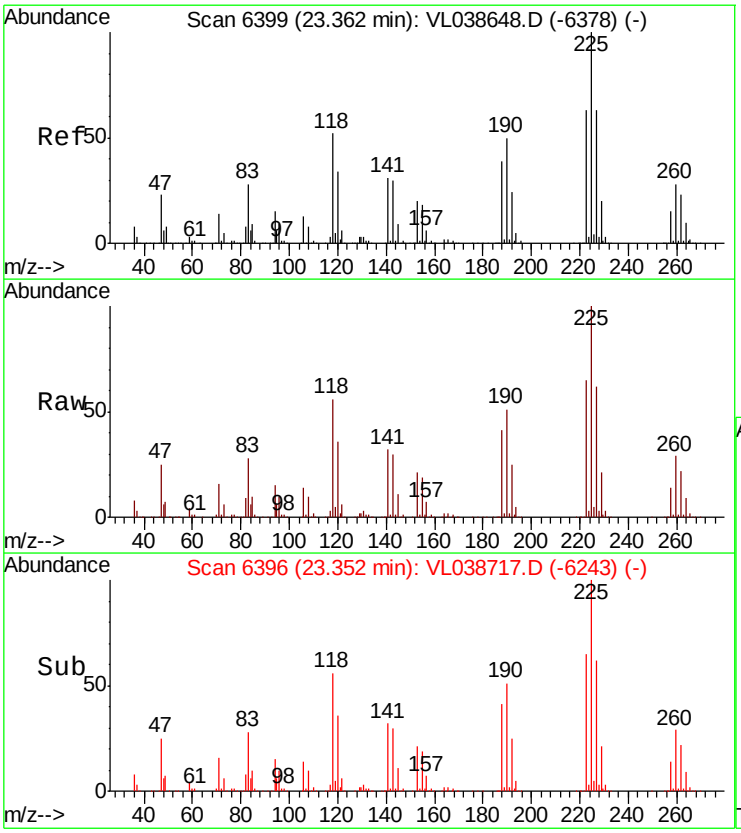
#77
1,2-Dichlorobenzene
Concen: 7.780 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:146 Resp: 1322298

Ion	Ratio	Lower	Upper
146	100		
111	46.7	22.8	68.4
148	65.8	32.5	97.4

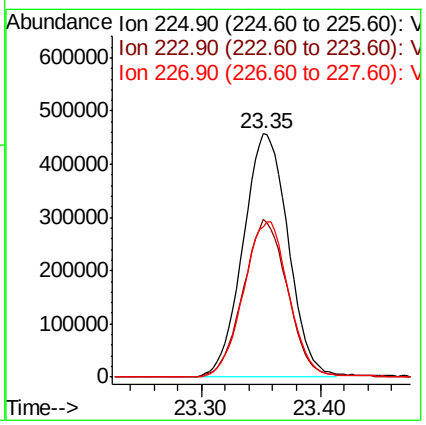


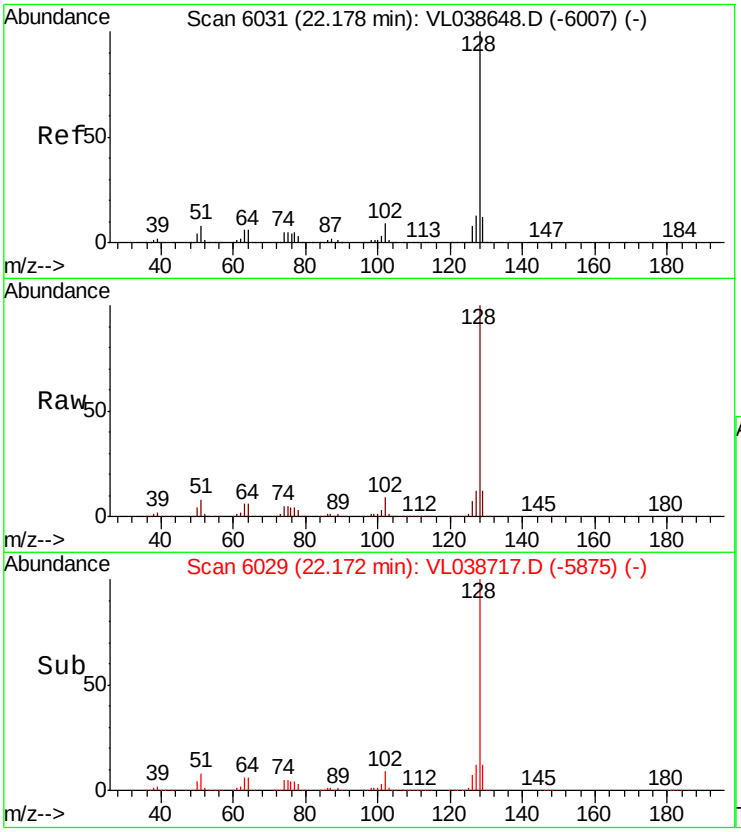


#78
Hexachloro-1,3-Butadiene
Concen: 7.644 ppbv
RT: 23.35 min Scan# 6396
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:225 Resp: 1200722

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	64.7	51.5	77.3



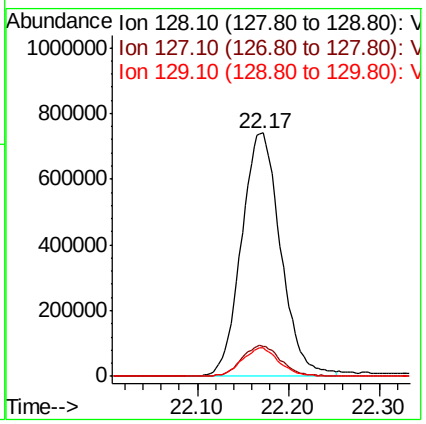


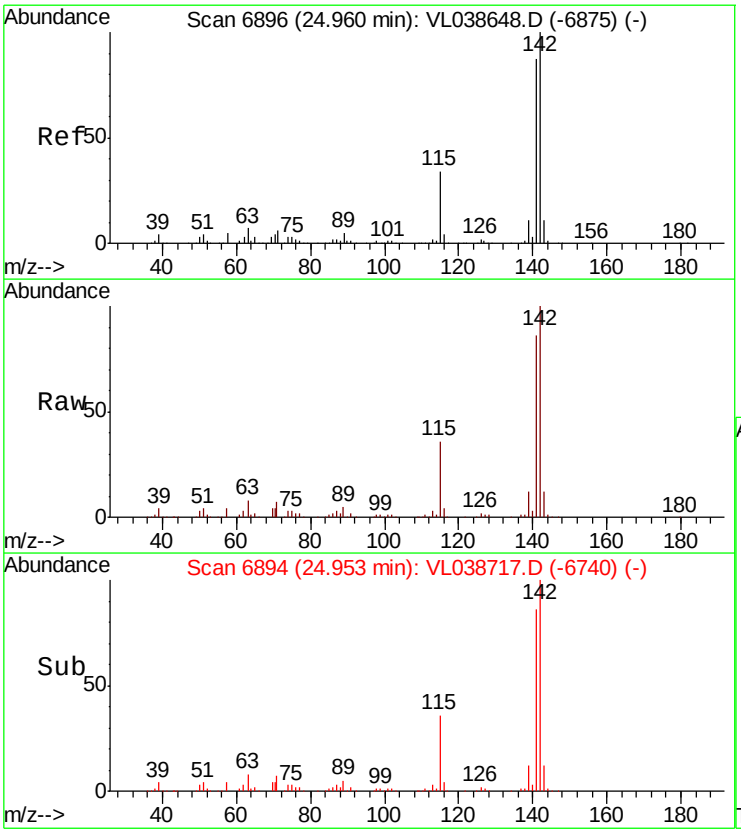
#79
Naphthalene
Concen: 10.764 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:128 Resp: 2215093

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	11.5	9.2	13.8

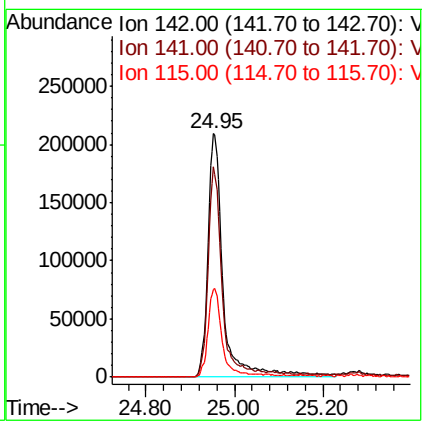


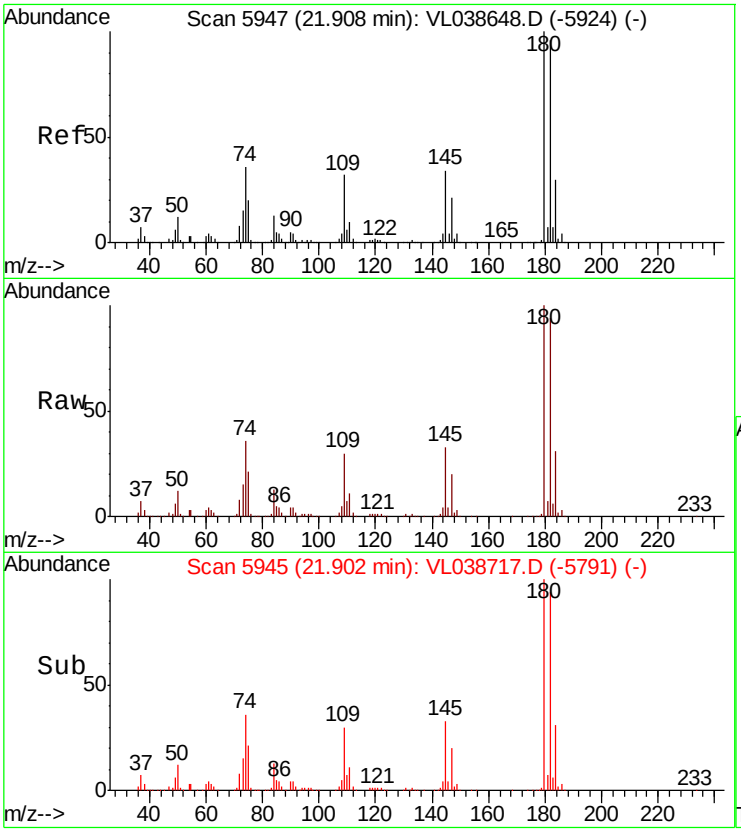


#80
Naphthalene,2-methyl-
Concen: 9.185 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL038717.D
Acq: 23 Mar 2022 15:44

Tgt Ion:142 Resp: 506820

Ion	Ratio	Lower	Upper
142	100		
141	81.0	66.4	99.6
115	33.7	27.8	41.6





#81
1,2,4-Trichlorobenzene
Concen: 8.990 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 23 Mar 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0323ABS01

Tgt Ion:180 Resp: 1266460

Ion	Ratio	Lower	Upper
180	100		
182	99.1	79.2	118.8
184	31.4	24.8	37.2