Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033022\
Data File : VL038809.D
Acq On : 31 Mar 2022 9:44
Operator : SY/AP
Sample : VL0330ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 01 05:12:16 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	5.68	49	791456	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	2260865	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	2632862	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	1520866	7.53	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 75.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	922112	8.667	ppbv		100
3) Chlorodifluoromethane	3.00	51	877230	10.495	ppbv		100
4) Chloromethane	3.15	50	475831	10.368	ppbv		95
5) Vinyl Chloride	3.27	62	472341	10.129	ppbv		97
6) Bromomethane	3.49	94	268085	10.784	ppbv		99
7) Chloroethane	3.57	64	164833	10.677	ppbv		99
8) Dichlorotetrafluoroethane	3.20	85	1091519	10.275	ppbv		93
9) Propene	3.02	41	421077	10.434	ppbv		100
10) Heptane	8.14	43	1109040	11.496	ppbv		100
11) Trichlorofluoromethane	3.96	101	1009691	10.752	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	811026	11.220	ppbv		97
13) Ethanol	3.62	45	16089	3.614	ppbv	#	37
14) Bromoethene	3.75	108	355496	11.066	ppbv		98
15) Acetone	3.86	43	715145	10.472	ppbv		98
16) 1,3-Butadiene	3.34	39	419655	10.828	ppbv		99
17) tert-Butyl alcohol	4.30	59	697629	11.697	ppbv		99
18) 1,1-Dichloroethene	4.30	96	369900	11.391	ppbv		99
19) Isopropyl Alcohol	3.98	45	398387	10.522	ppbv		99
20) Methylene Chloride	4.36	84	303722	10.559	ppbv		97
21) Allyl Chloride	4.43	41	558427	11.362	ppbv		98
22) trans-1,2-Dichloroethene	4.90	96	399157	11.850	ppbv		99
23) Vinyl Acetate	5.09	43	809519	12.241	ppbv		98
24) 1,1-Dichloroethane	5.02	63	716030	10.994	ppbv		99
25) Ethyl Acetate	5.69	43	1895892	11.028	ppbv		100
26) Hexane	5.70	57	835886	10.861	ppbv		99
27) Carbon Disulfide	4.56	76	950754	12.592	ppbv		99
28) Methyl tert-Butyl Ether	5.05	73	677172	11.811	ppbv		100
29) Chloroform	5.77	83	1333323	10.819	ppbv		99
30) Cyclohexane	7.15	84	734942	10.982	ppbv		100
31) cis-1,2-Dichloroethene	5.56	61	814145	11.250	ppbv		99
32) 1,1,1-Trichloroethane	6.53	97	1321148	11.109	ppbv		99
34) 2-Butanone	5.26	43	841433	9.403	ppbv		98
35) Carbon Tetrachloride	7.03	117	1384562	10.555	ppbv		99
36) Benzene	6.91	78	1828528	10.479	ppbv		100
37) 1,2-Dichloroethane	6.32	62	918618	10.349	ppbv		99
38) Trichloroethene	7.85	130	796771	10.900	ppbv		97
39) 1,2-Dichloropropane	7.63	63	688375	10.091	ppbv		99
40) 1,4-Dioxane	7.84	88	255327	10.778	ppbv		97
41) Tetrahydrofuran	6.06	42	715290	10.740	ppbv		100
42) Bromodichloromethane	7.81	83	1420662	10.675	ppbv		99
43) Methyl Methacrylate	8.03	69	737055	11.377	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033022\
Data File : VL038809.D
Acq On : 31 Mar 2022 9:44
Operator : SY/AP
Sample : VL0330ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Apr 01 05:12:16 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	7.88	57	2958433	10.098	ppbv		100
45) t-1,3-Dichloropropene	9.29	75	835785	12.689	ppbv		100
46) cis-1,3-Dichloropropene	8.72	75	1052129	11.813	ppbv		98
47) 1,1,2-Trichloroethane	9.49	97	764334	10.495	ppbv		99
48) Dibromochloromethane	10.32	129	1323890	11.605	ppbv		99
49) Bromoform	13.06	173	1110800	11.947	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	1816143	10.917	ppbv		100
51) 2-Hexanone	10.15	43	1406281	11.768	ppbv	#	100
52) Tetrachloroethene	11.24	164	698385	10.937	ppbv		97
53) Toluene	9.82	91	2104595	11.225	ppbv		100
54) 1,2-Dibromoethane	10.63	107	1117702	11.240	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.14	131	909212	8.330	ppbv		97
57) Chlorobenzene	12.16	112	1568014	8.257	ppbv		99
58) Ethyl Benzene	12.73	91	2753023	8.944	ppbv		99
59) m/p-Xylene	13.01	91	2475186	9.193	ppbv	#	39
60) o-Xylene	13.71	91	2130086	8.332	ppbv		97
61) Styrene	13.54	104	1351009	9.745	ppbv		99
62) Isopropylbenzene	14.68	105	3233788	8.414	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.69	83	1445337	7.299	ppbv		99
64) n-propylbenzene	15.57	120	886470	8.790	ppbv		97
65) tert-Butylbenzene	16.76	119	2893902	8.380	ppbv		98
66) Benzyl Chloride	17.00	91	755157	11.549	ppbv		99
67) sec-Butylbenzene	17.31	105	4127117	8.357	ppbv		100
69) p-Isopropyltoluene	17.67	119	3487145	8.652	ppbv		99
70) n-Butylbenzene	18.56	91	3545627	8.528	ppbv		99
71) 2-Chlorotoluene	15.47	91	2379262	8.341	ppbv		98
72) 4-Ethyltoluene	15.85	105	2742227	9.087	ppbv		98
73) 1,3,5-Trimethylbenzene	16.01	105	2406328	8.751	ppbv		99
74) 1,2,4-Trimethylbenzene	16.78	105	2510971	8.383	ppbv		97
75) 1,3-Dichlorobenzene	17.01	146	1620542	8.494	ppbv		99
76) 1,4-Dichlorobenzene	17.15	146	1601767	8.442	ppbv		99
77) 1,2-Dichlorobenzene	17.83	146	1592210	8.425	ppbv		99
78) Hexachloro-1,3-Butadiene	23.39	225	1295681	7.417	ppbv		100
79) Naphthalene	22.21	128	2425443	10.599	ppbv		100
80) Naphthalene,2-methyl-	24.98	142	662856	10.802	ppbv		98
81) 1,2,4-Trichlorobenzene	21.94	180	1415913	9.038	ppbv		100

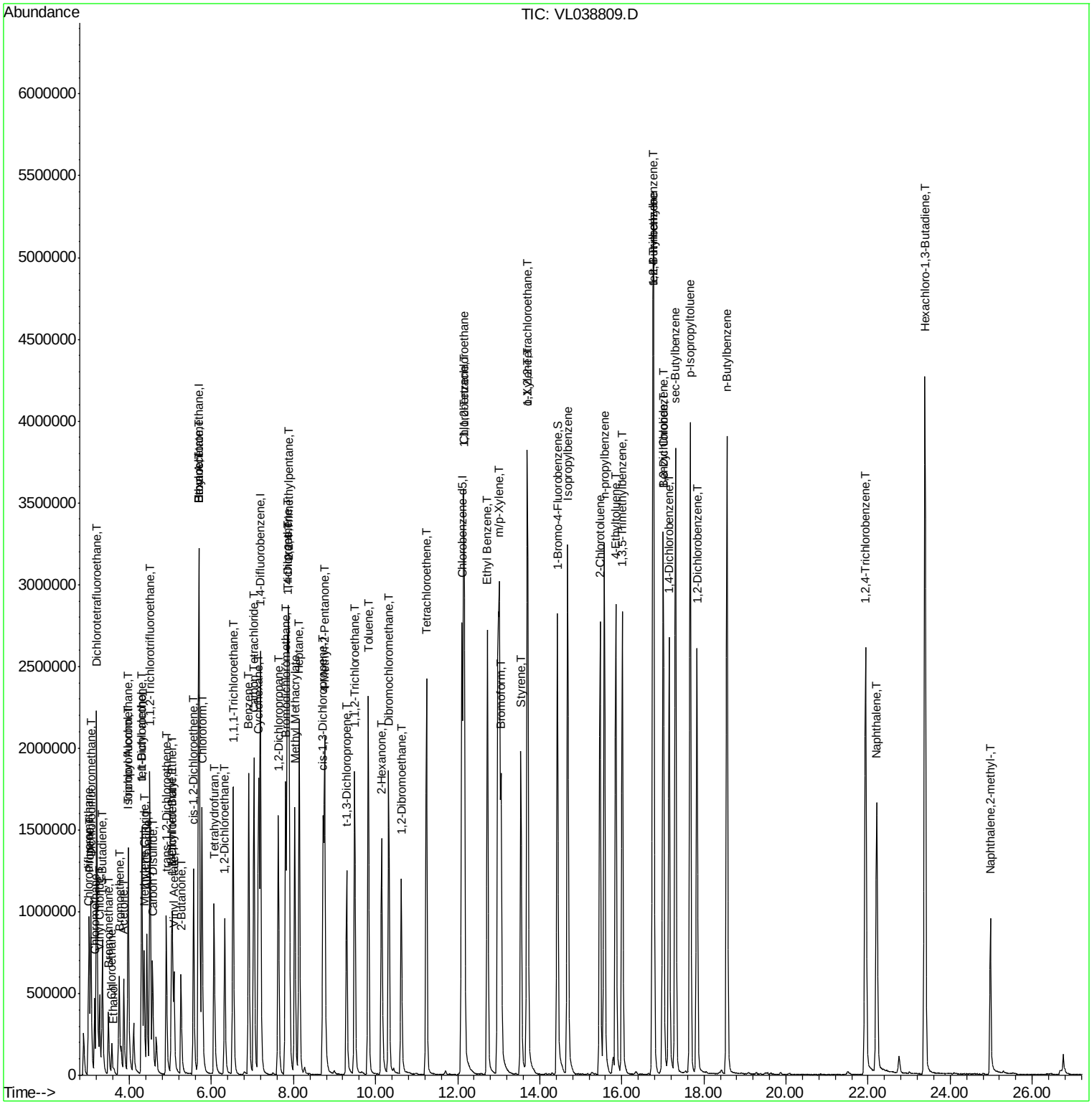
(#) = qualifier out of range (m) = manual integration (+) = signals summed

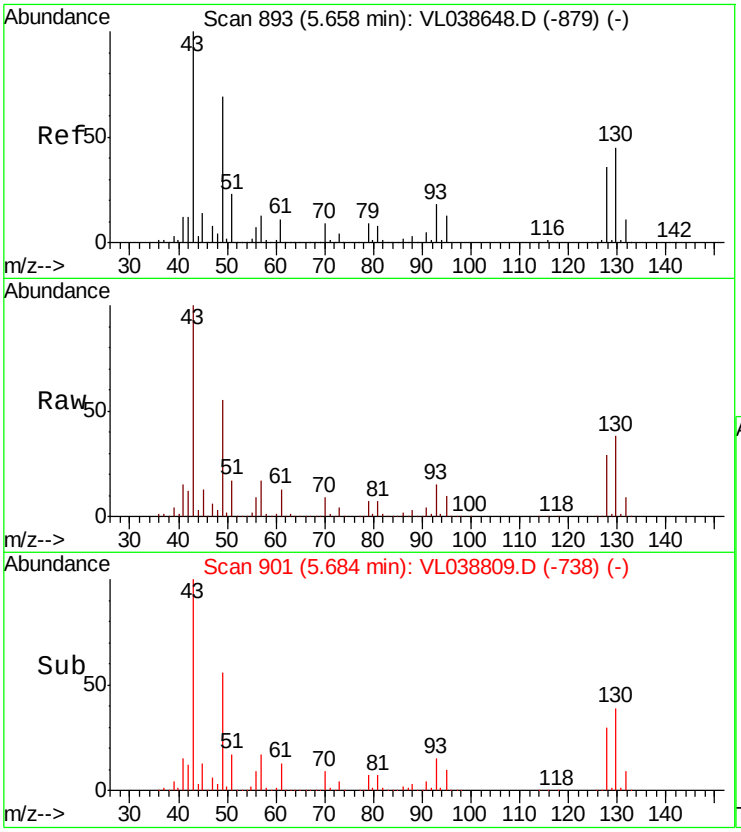
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033022\
Data File : VL038809.D
Acq On : 31 Mar 2022 9:44
Operator : SY/AP
Sample : VL0330ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 01 05:12:16 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



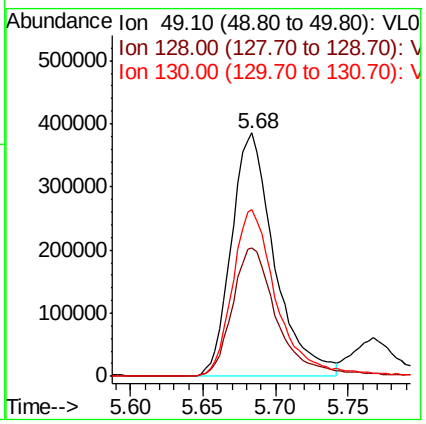


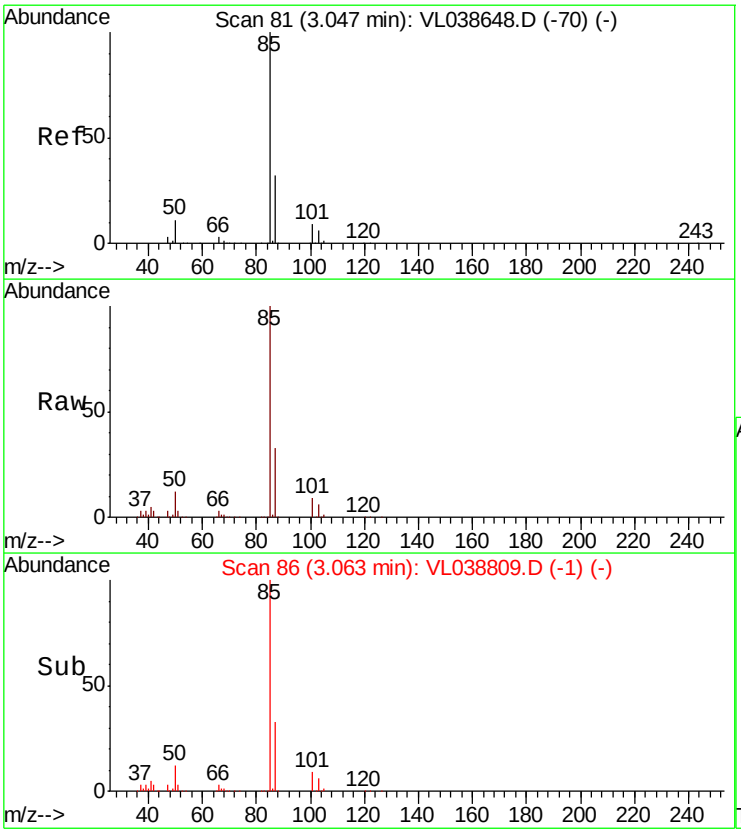
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 791456

Ion	Ratio	Lower	Upper
49	100		
128	56.5	26.2	78.6
130	72.3	33.7	101.1

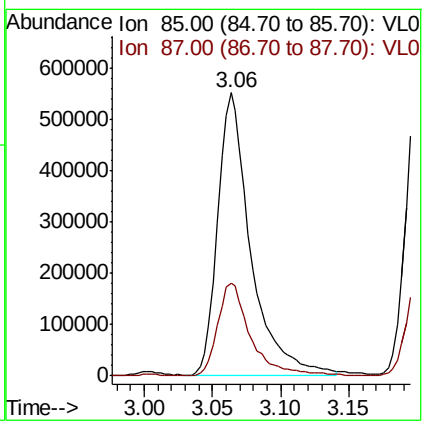


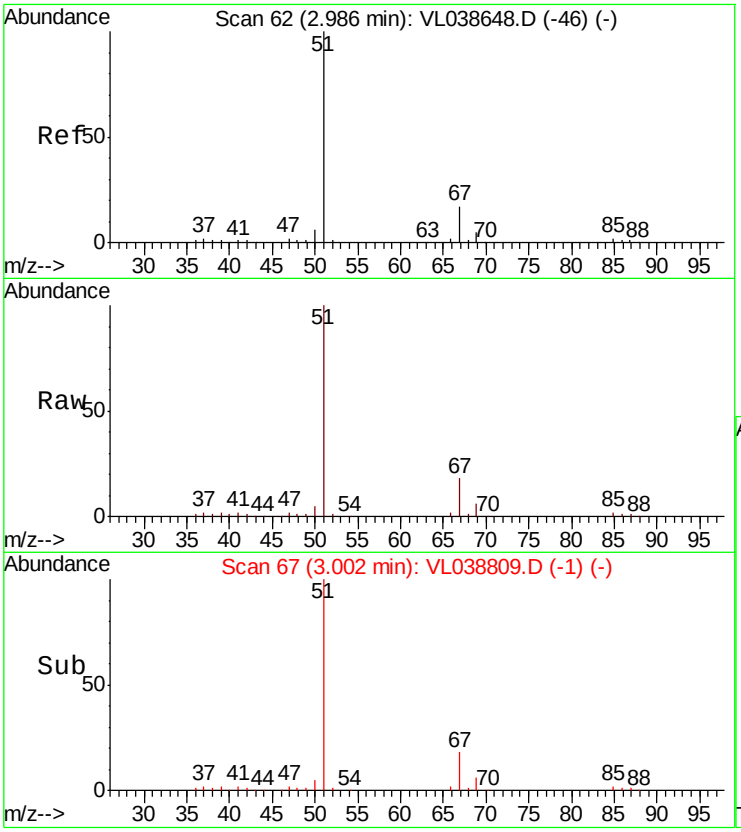


#2
Dichlorodifluoromethane
Concen: 8.667 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 85 Resp: 922112

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.0	39.0



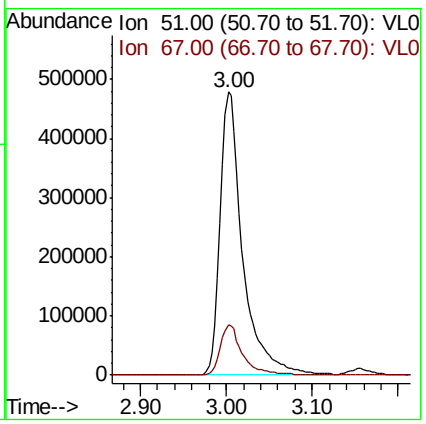


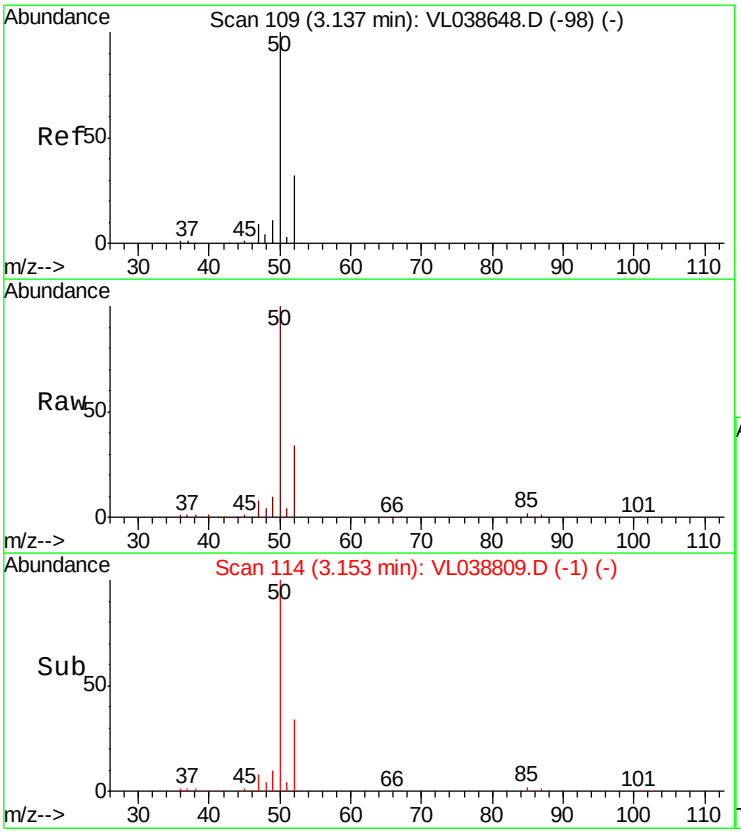
#3
Chlorodifluoromethane
Concen: 10.495 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 877230

Ion	Ratio	Lower	Upper
51	100		
67	17.5	14.1	21.1

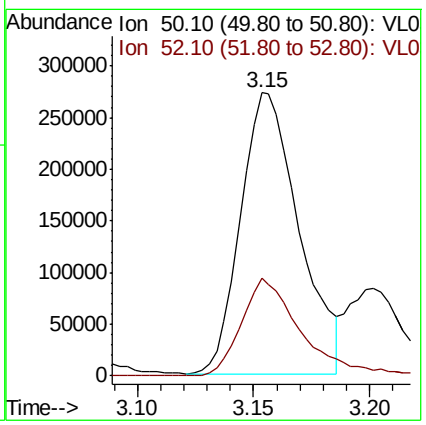


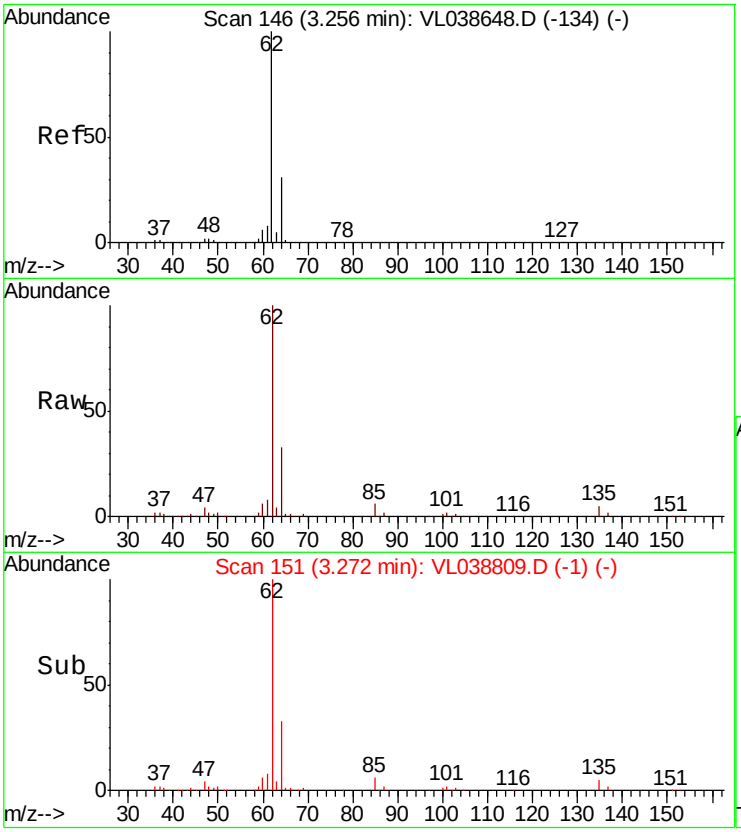


#4
Chloromethane
Concen: 10.368 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 50 Resp: 475831

Ion	Ratio	Lower	Upper
50	100		
52	34.5	25.5	38.3



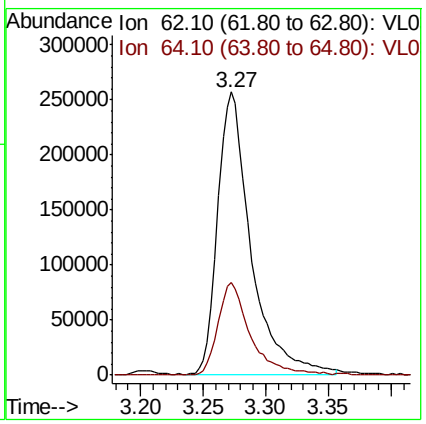


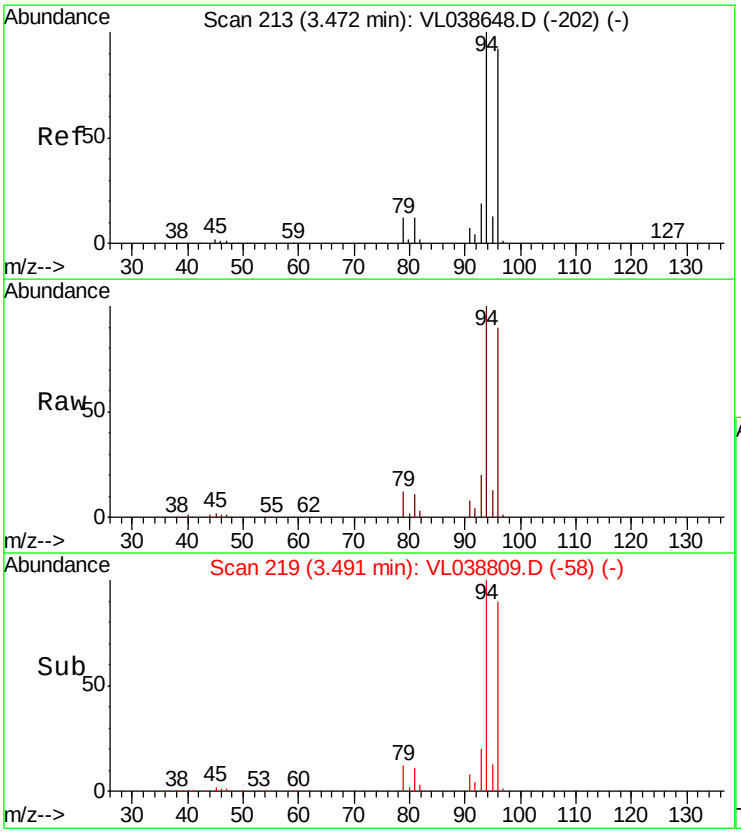
#5
Vinyl Chloride
Concen: 10.129 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 472341

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.0	37.4

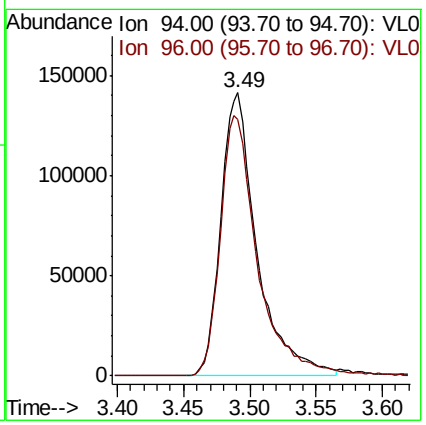


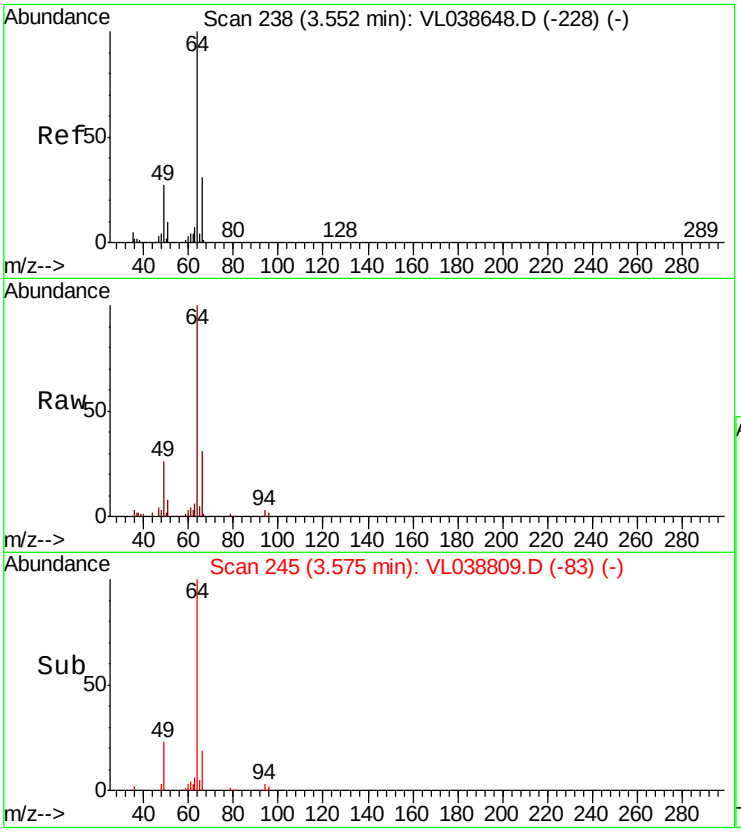


#6
Bromomethane
Concen: 10.784 ppbv
RT: 3.49 min Scan# 219
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 94 Resp: 268085

Ion	Ratio	Lower	Upper
94	100		
96	90.5	73.3	109.9



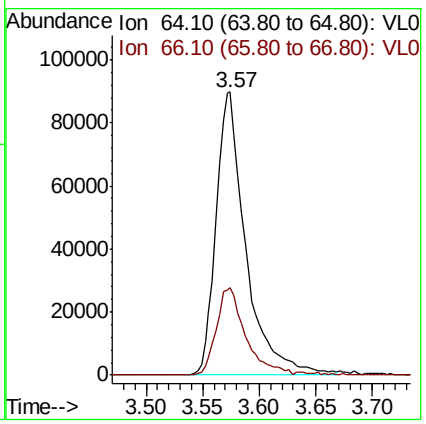


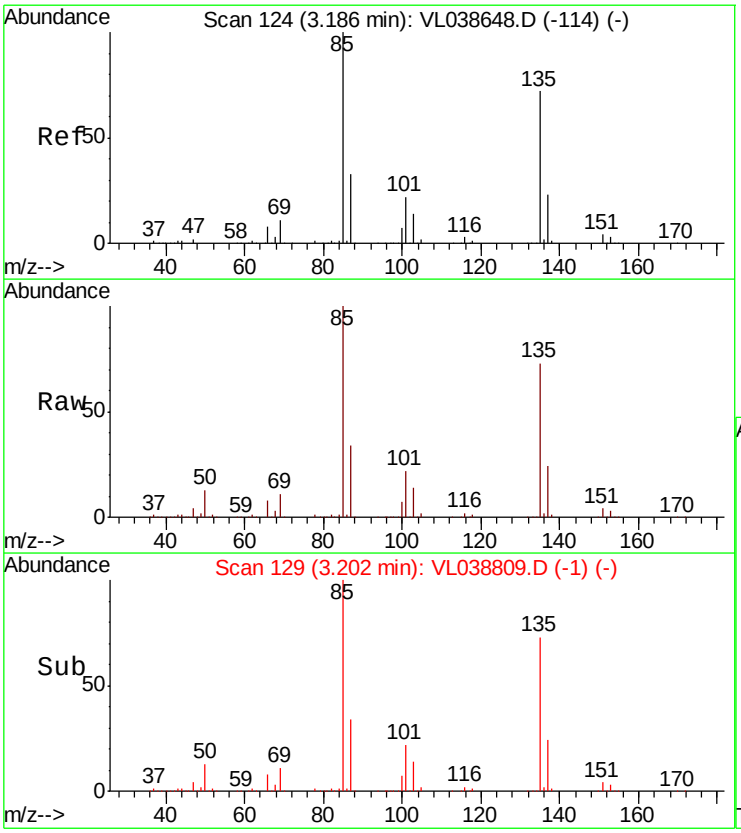
#7
Chloroethane
Concen: 10.677 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 164833

Ion	Ratio	Lower	Upper
64	100		
66	31.0	25.0	37.6

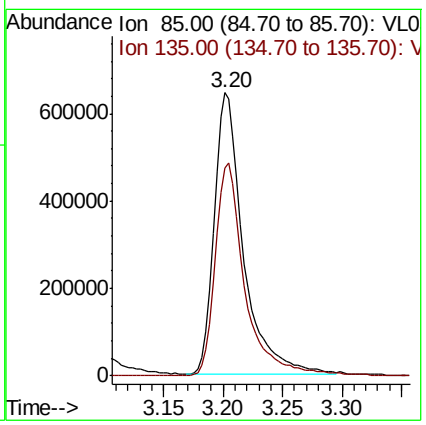


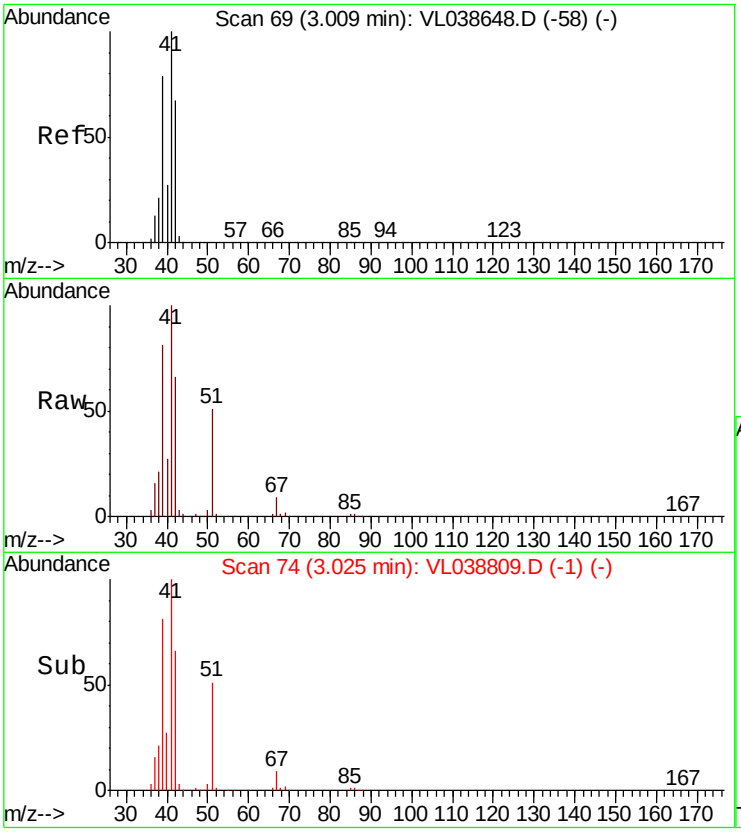


#8
Dichlorotetrafluoroethane
Concen: 10.275 ppbv
RT: 3.20 min Scan# 129
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 85 Resp: 1091519

Ion	Ratio	Lower	Upper
85	100		
135	77.7	57.8	86.6



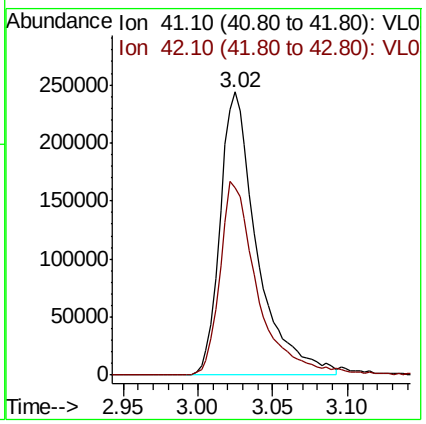


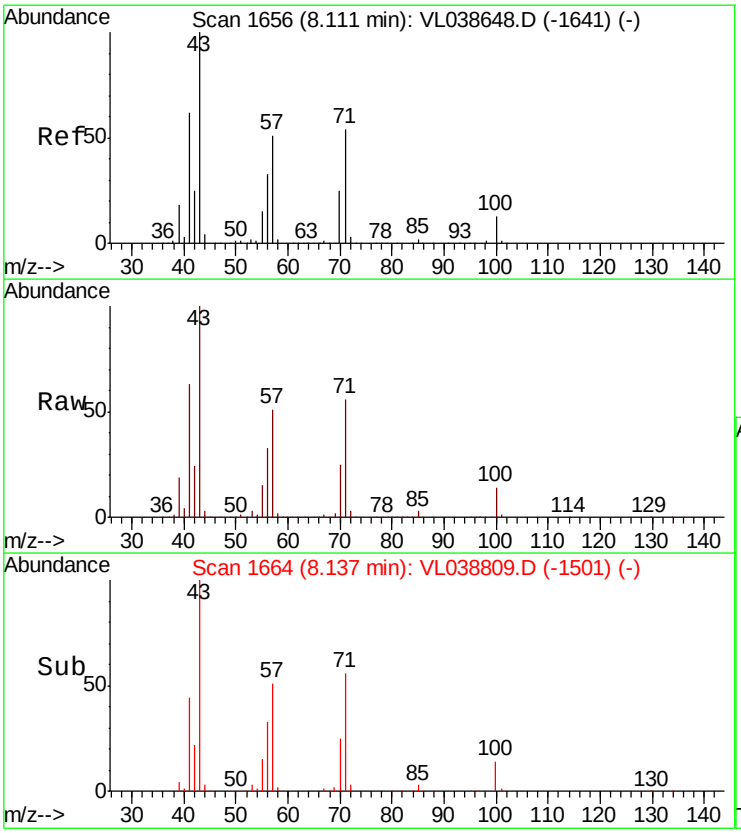
#9
Propene
Concen: 10.434 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 421077

Ion	Ratio	Lower	Upper
41	100		
42	70.0	56.2	84.4

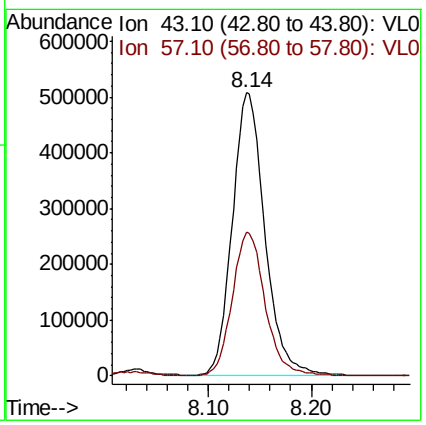


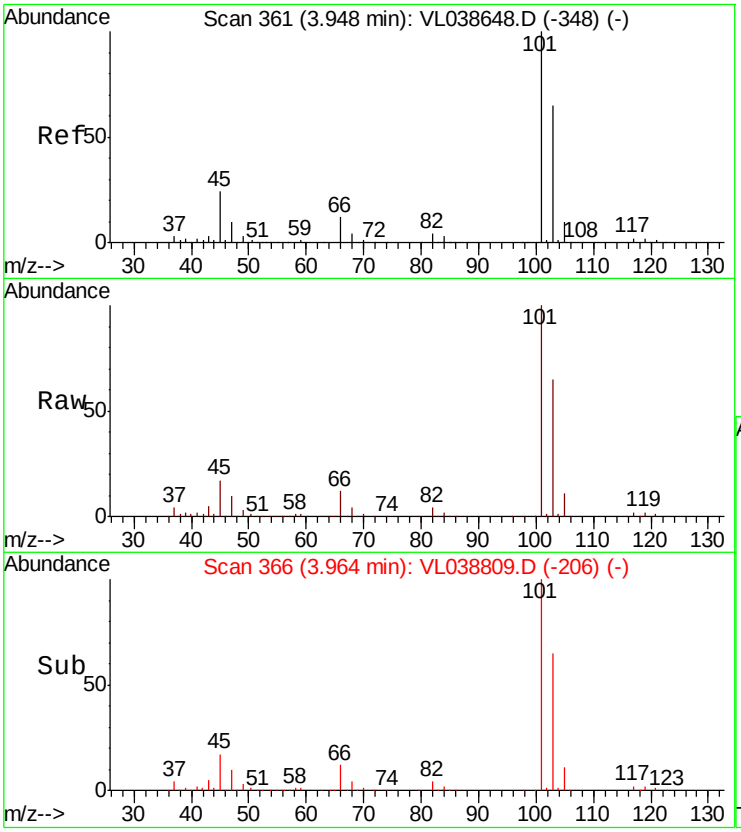


#10
Heptane
Concen: 11.496 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 43 Resp: 1109040

Ion	Ratio	Lower	Upper
43	100		
57	51.5	41.4	62.2



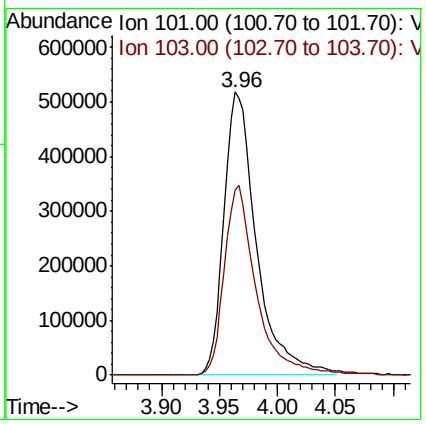


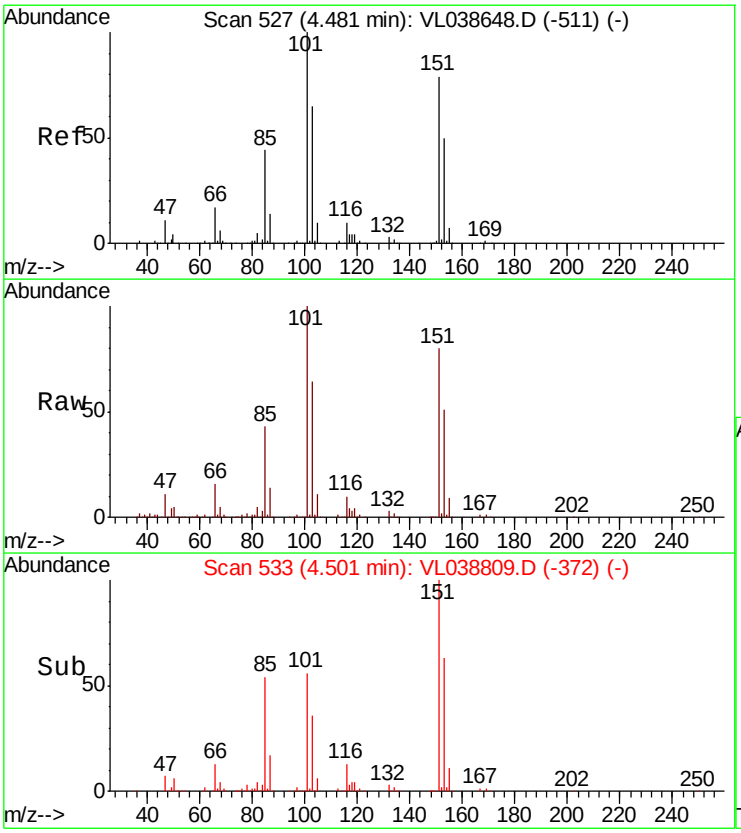
#11
Trichlorofluoromethane
Concen: 10.752 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 1009691

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.9	77.9

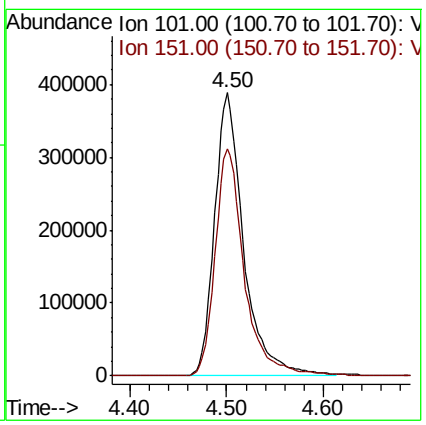


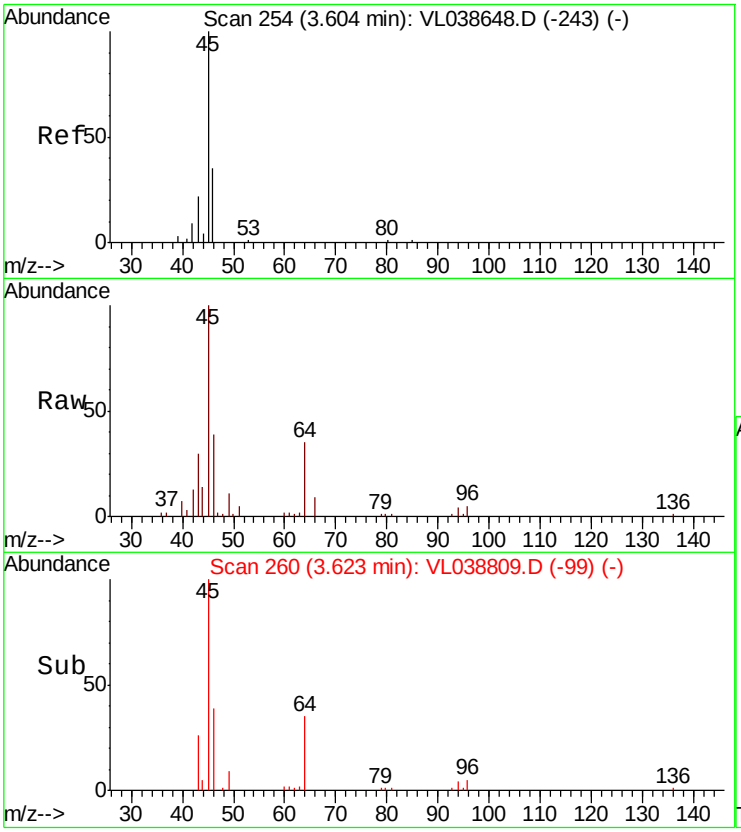


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.220 ppbv
RT: 4.50 min Scan# 533
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:101 Resp: 811026

Ion	Ratio	Lower	Upper
101	100		
151	80.8	62.9	94.3



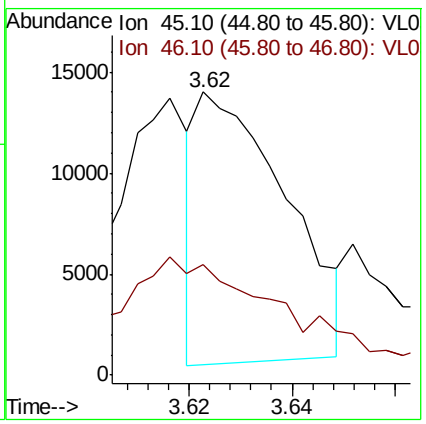


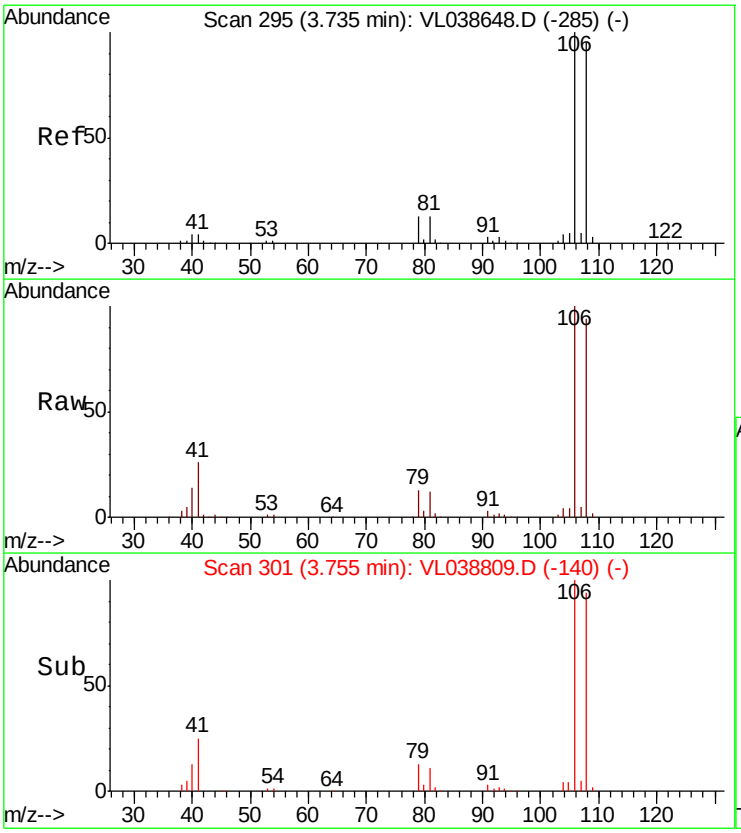
#13
Ethanol
Concen: 3.614 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 16089

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.1	60.5#

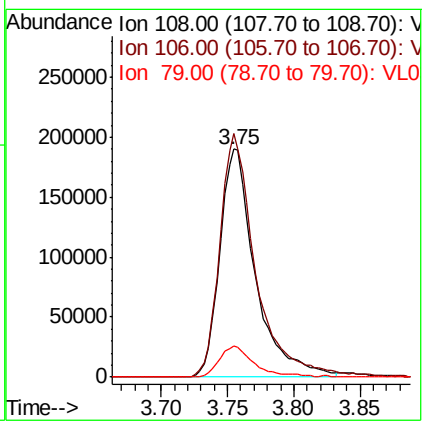


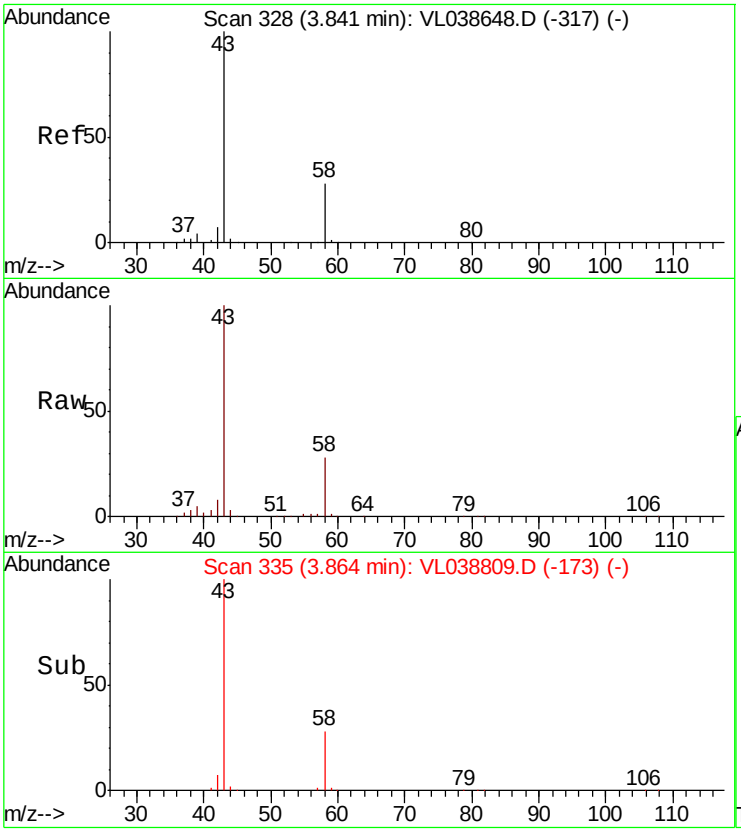


#14
Bromoethene
Concen: 11.066 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:108 Resp: 355496

Ion	Ratio	Lower	Upper
108	100		
106	108.4	88.3	132.5
79	13.9	11.2	16.8



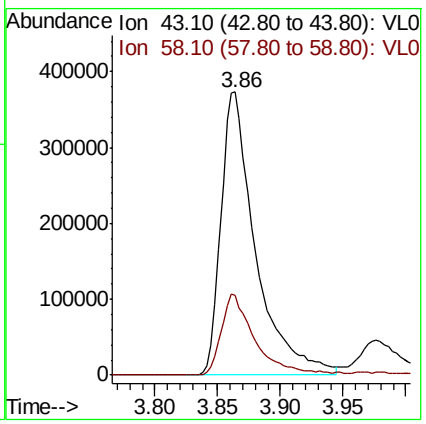


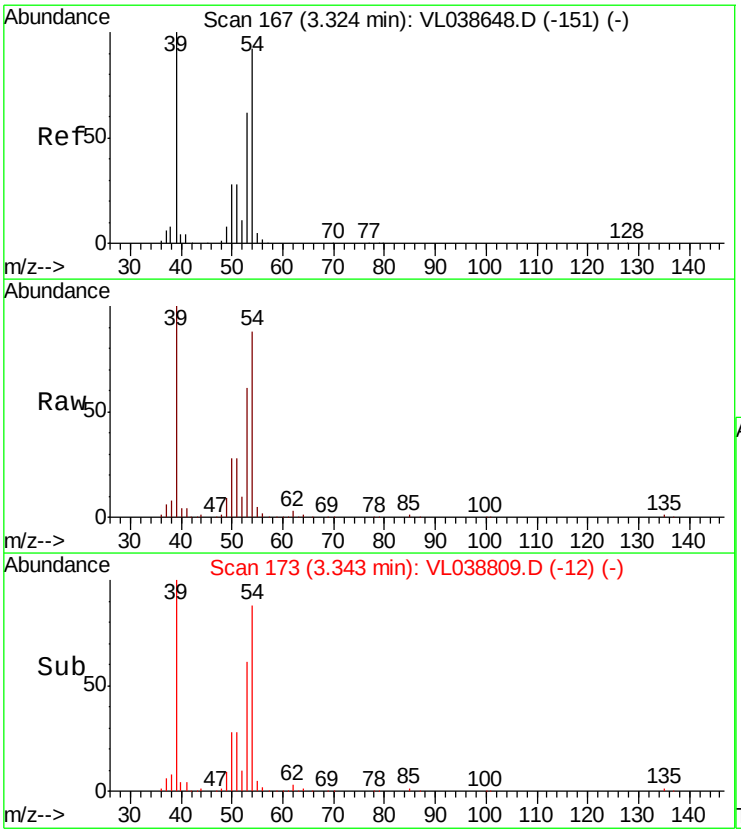
#15
Acetone
Concen: 10.472 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 715145

Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.3	34.9

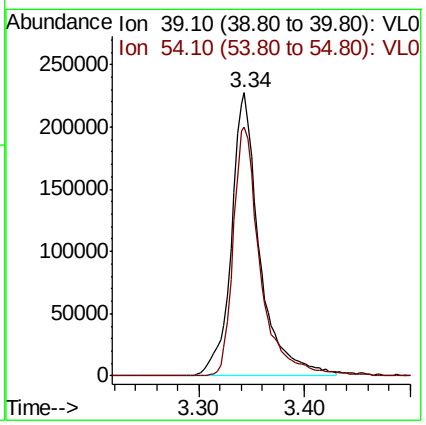


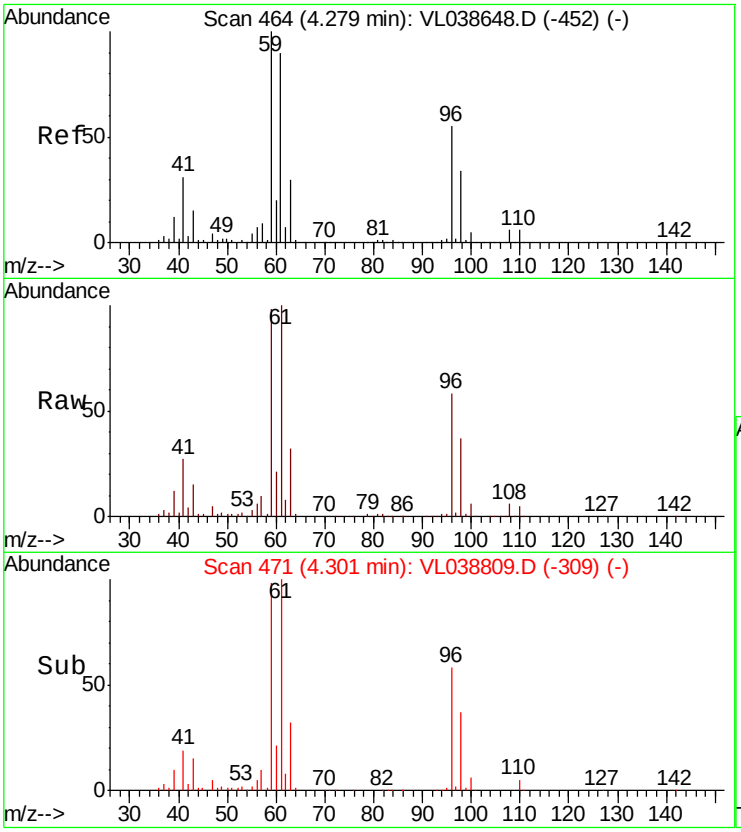


#16
1,3-Butadiene
Concen: 10.828 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 39 Resp: 419655

Ion	Ratio	Lower	Upper
39	100		
54	85.5	69.1	103.7



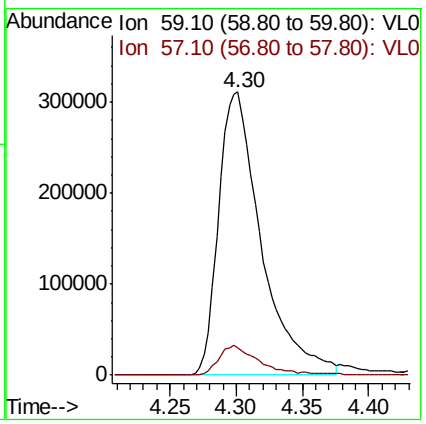


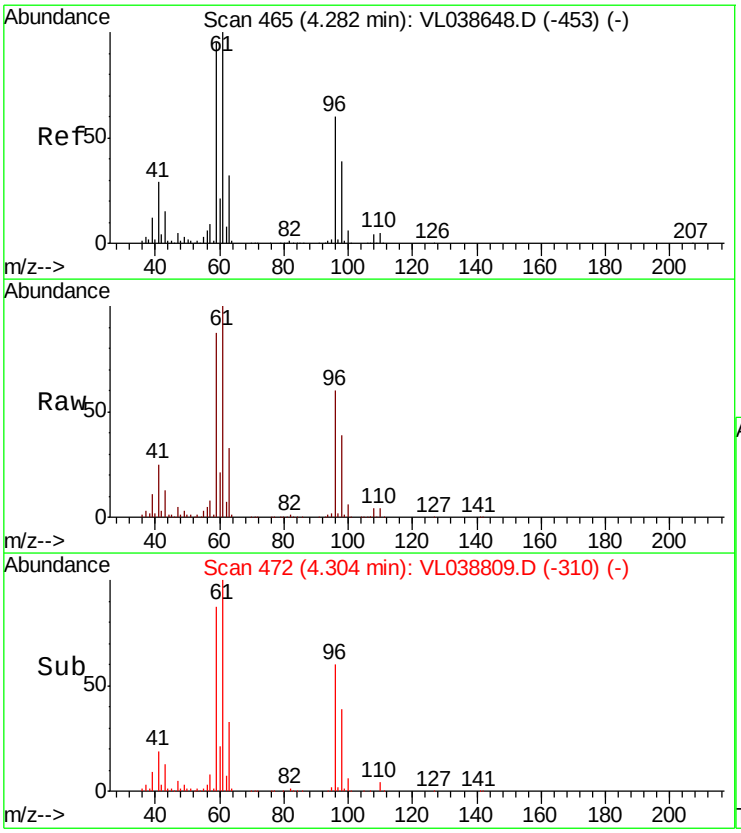
#17
tert-Butyl alcohol
Concen: 11.697 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 697629

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

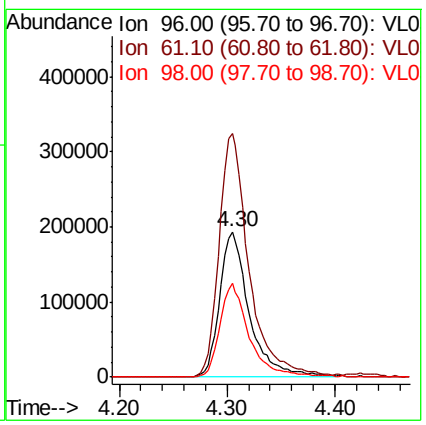


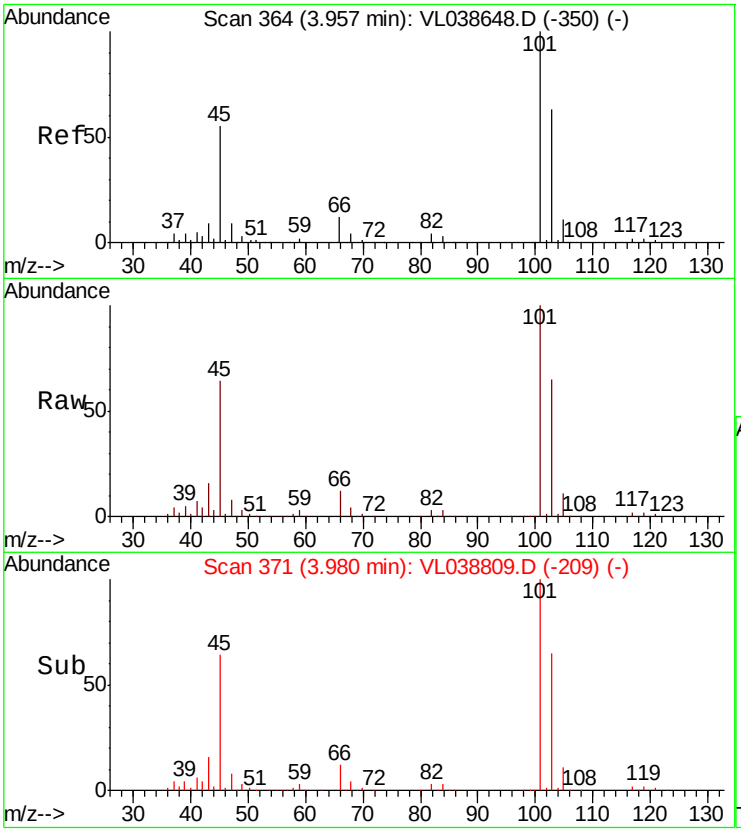


#18
1,1-Dichloroethene
Concen: 11.391 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 96 Resp: 369900

Ion	Ratio	Lower	Upper
96	100		
61	167.8	132.4	198.6
98	65.1	51.6	77.4



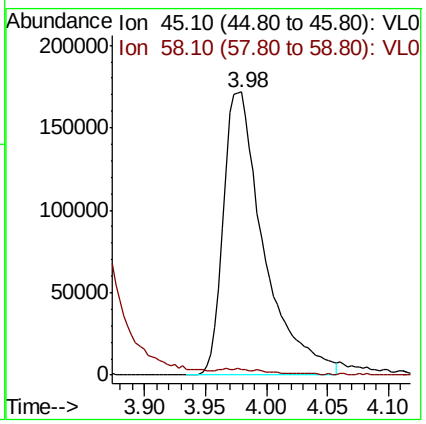


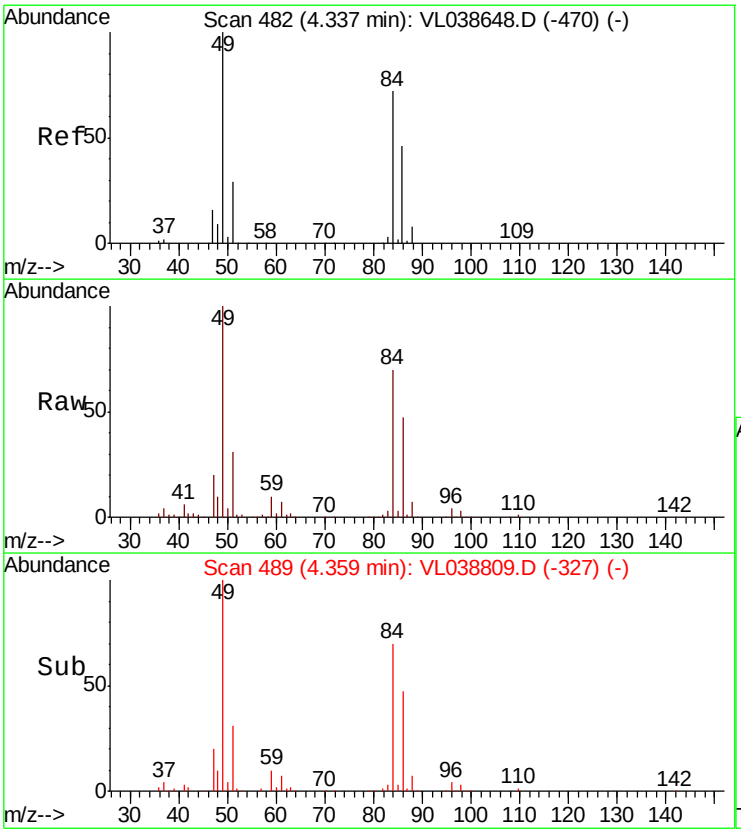
#19
Isopropyl Alcohol
Concen: 10.522 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 398387

Ion	Ratio	Lower	Upper
45	100		
58	2.6	2.3	3.5

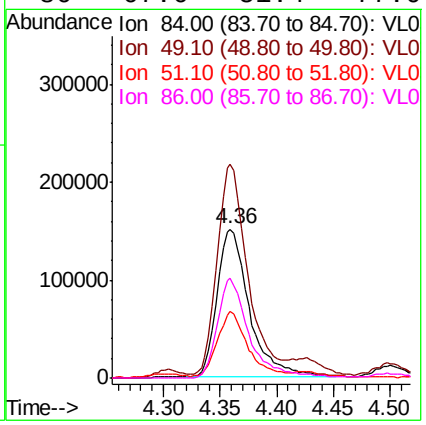


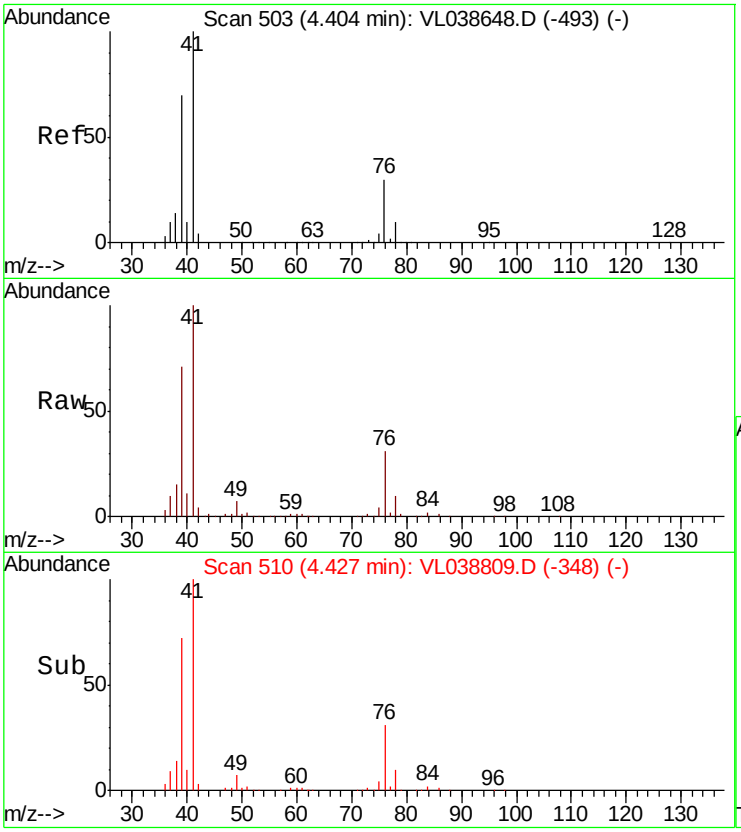


#20
Methylene Chloride
Concen: 10.559 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 84 Resp: 303722

Ion	Ratio	Lower	Upper
84	100		
49	141.8	111.2	166.8
51	43.1	32.8	49.2
86	67.6	51.4	77.0



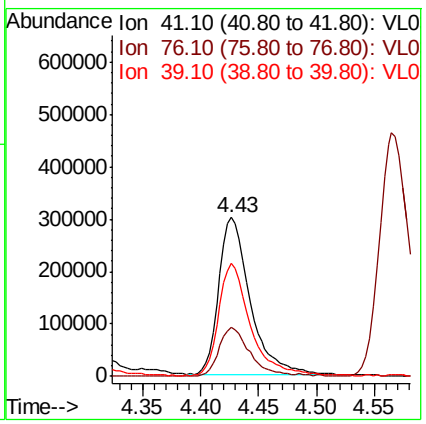


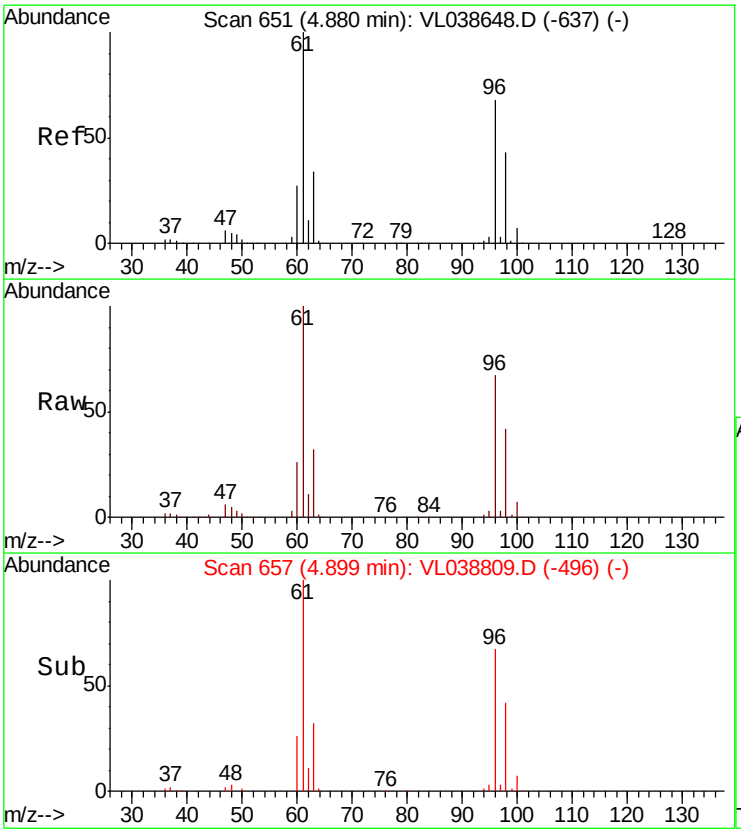
#21
Allyl Chloride
Concen: 11.362 ppbv
RT: 4.43
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 558427

Ion	Ratio	Lower	Upper
41	100		
76	31.8	25.0	37.6
39	73.0	56.6	85.0

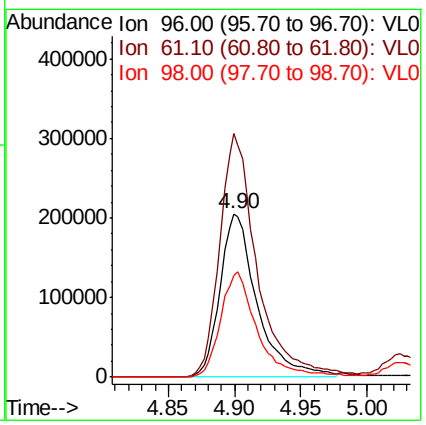


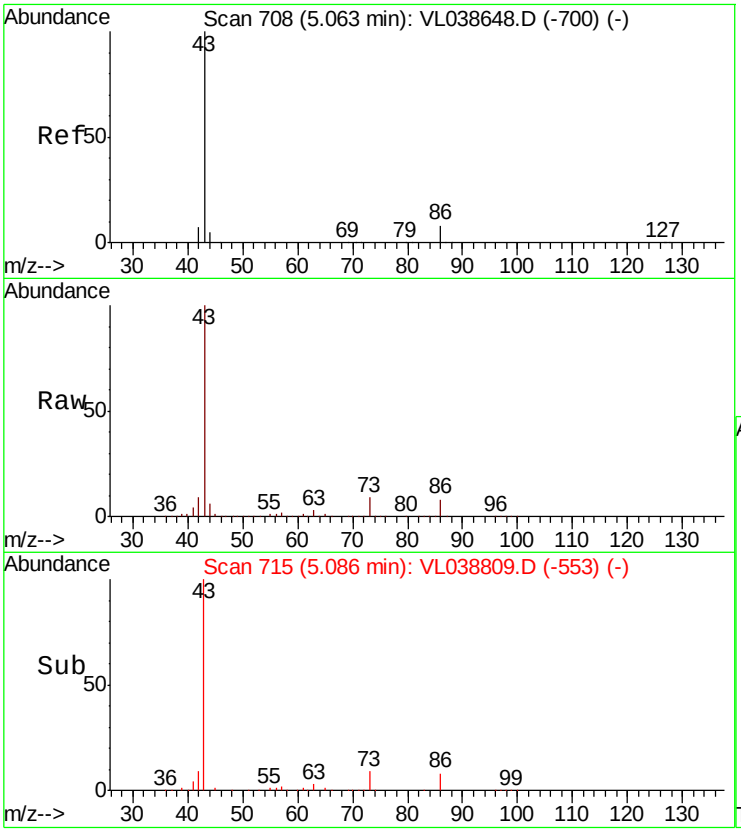


#22
trans-1,2-Dichloroethene
Concen: 11.850 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 96 Resp: 399157

Ion	Ratio	Lower	Upper
96	100		
61	148.8	118.3	177.5
98	62.0	51.3	76.9



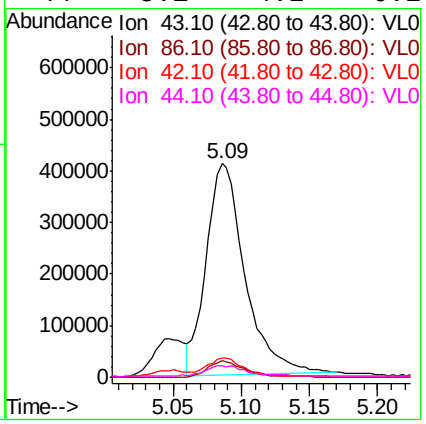


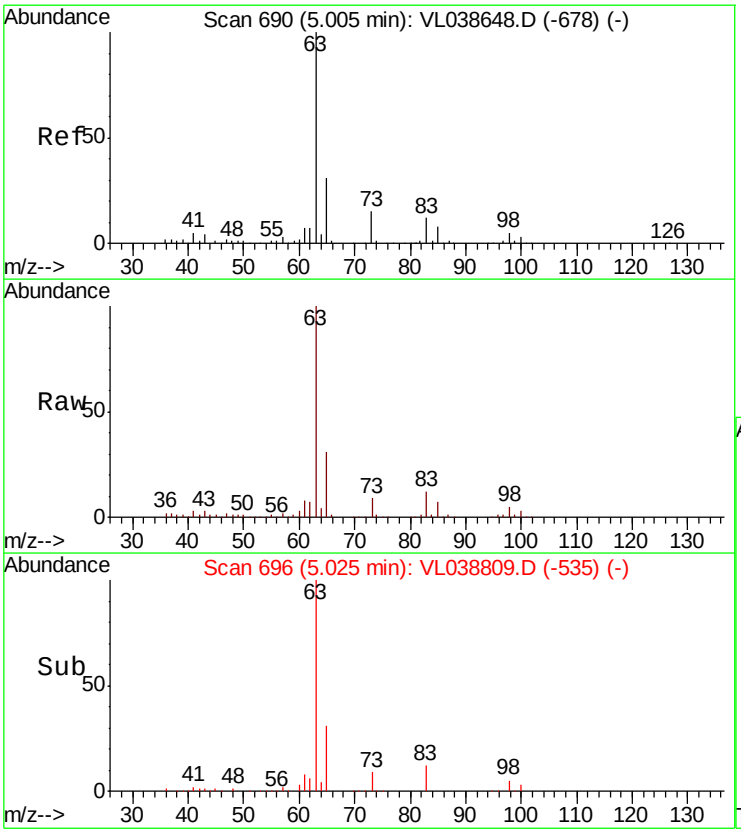
#23
Vinyl Acetate
Concen: 12.241 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 809519

Ion	Ratio	Lower	Upper
43	100		
86	8.1	5.6	8.4
42	9.0	6.8	10.2
44	5.1	4.2	6.2

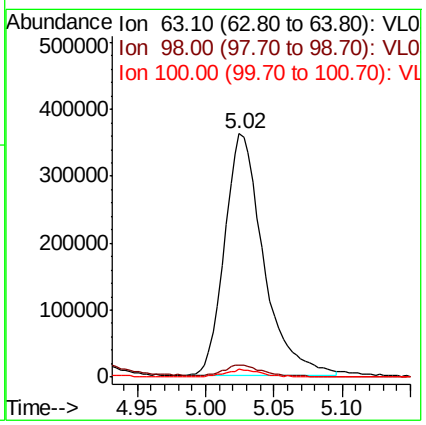


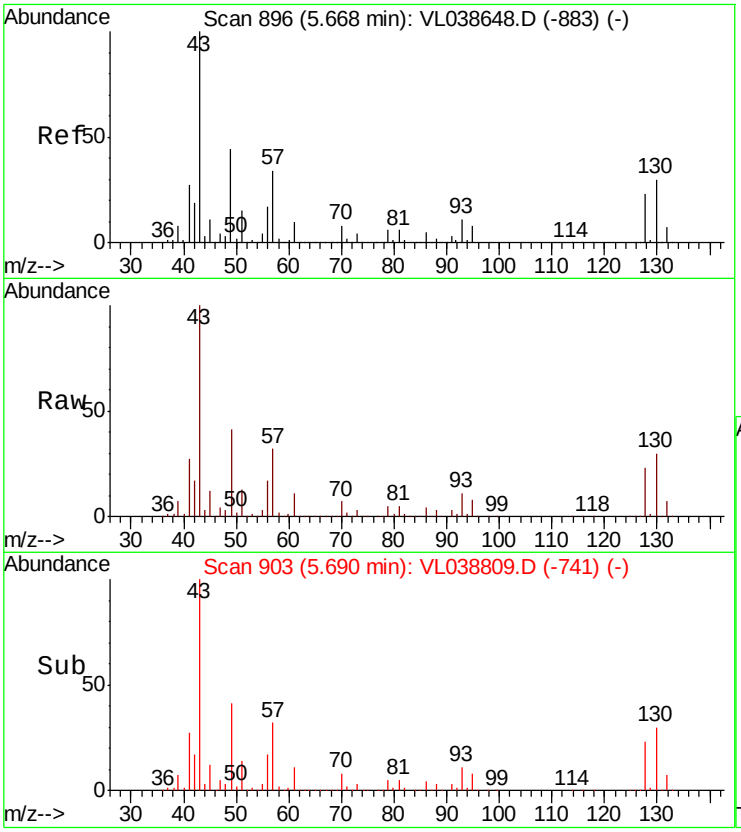


#24
1,1-Dichloroethane
Concen: 10.994 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 63 Resp: 716030

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.5	7.5
100	3.1	1.4	4.2



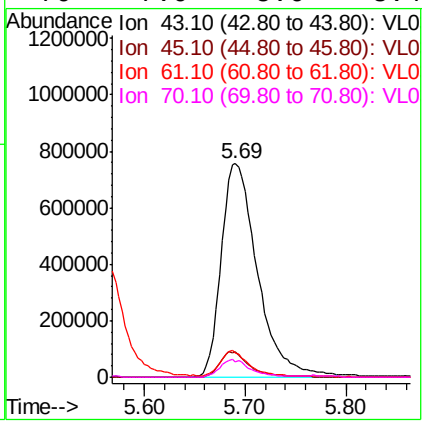


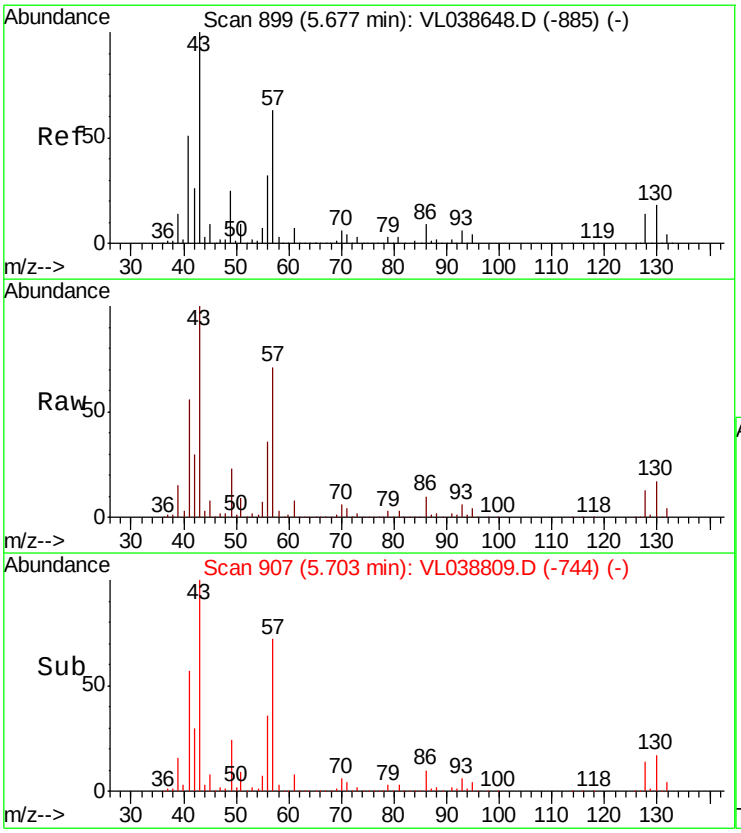
#25
Ethyl Acetate
Concen: 11.028 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1895892

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.4
61	10.8	8.3	12.5
70	7.0	5.6	8.4

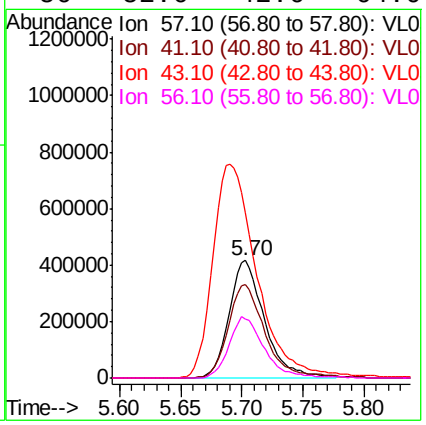


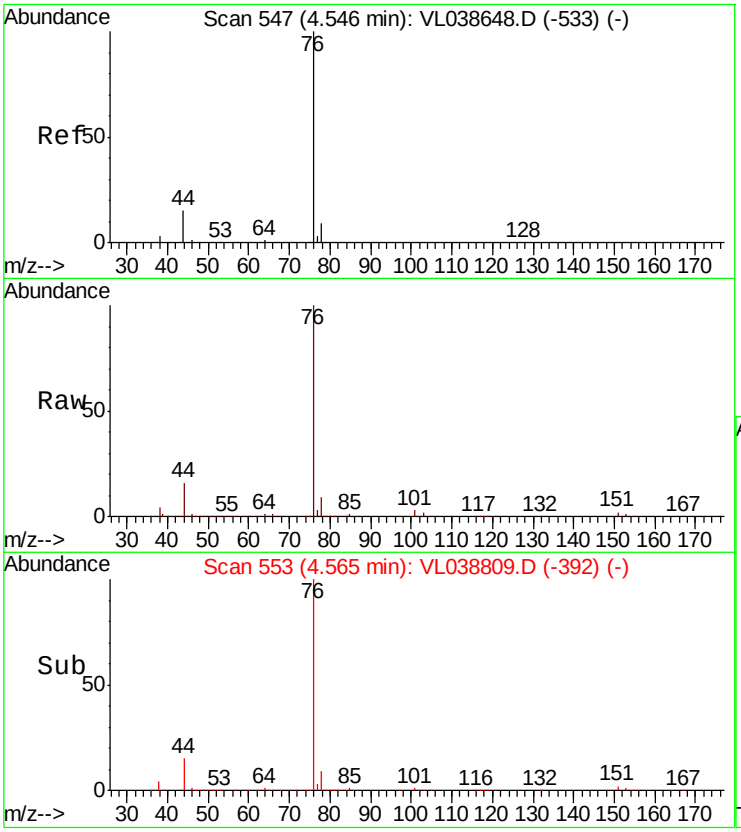


#26
Hexane
Concen: 10.861 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 57 Resp: 835886

Ion	Ratio	Lower	Upper
57	100		
41	84.0	67.0	100.4
43	228.6	184.2	276.2
56	52.6	42.6	64.0



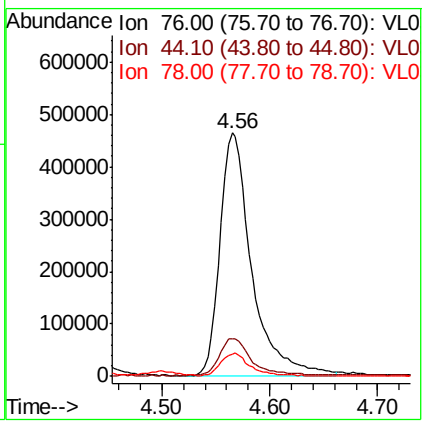


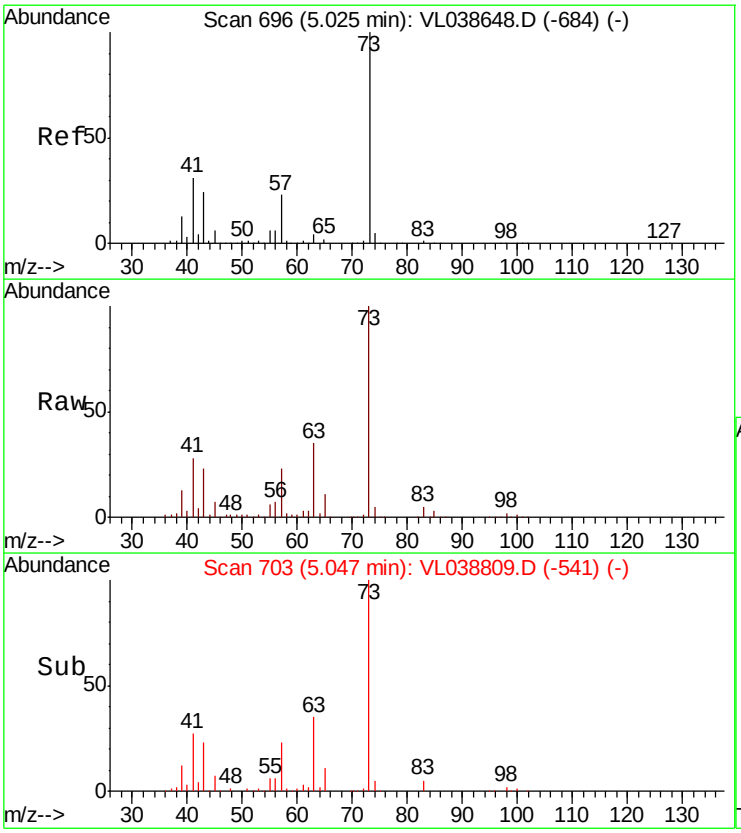
#27
Carbon Disulfide
Concen: 12.592 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 950754

Ion	Ratio	Lower	Upper
76	100		
44	15.9	12.4	18.6
78	9.5	7.8	11.8

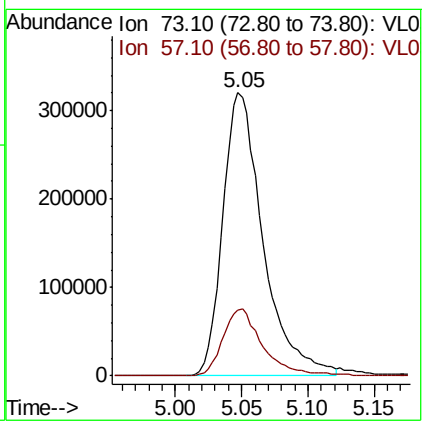


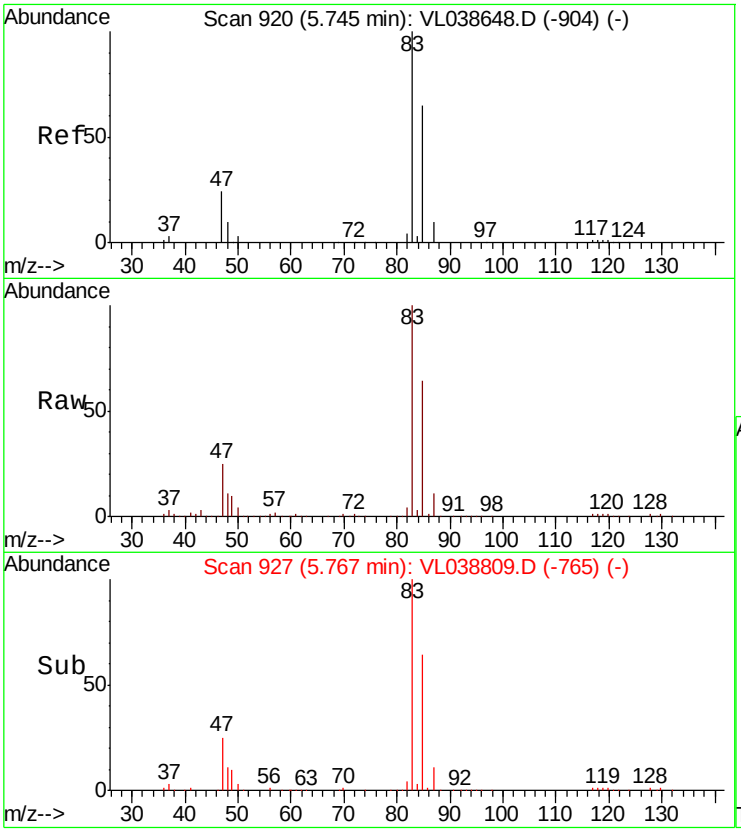


#28
Methyl tert-Butyl Ether
Concen: 11.811 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 73 Resp: 677172

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.2	28.8



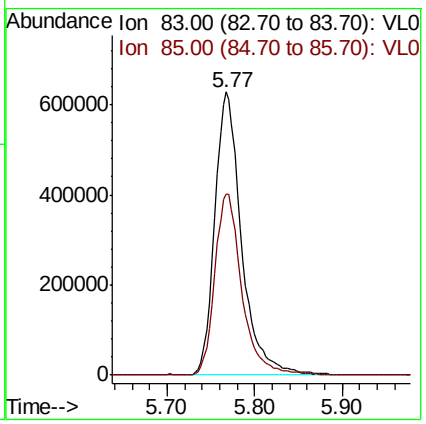


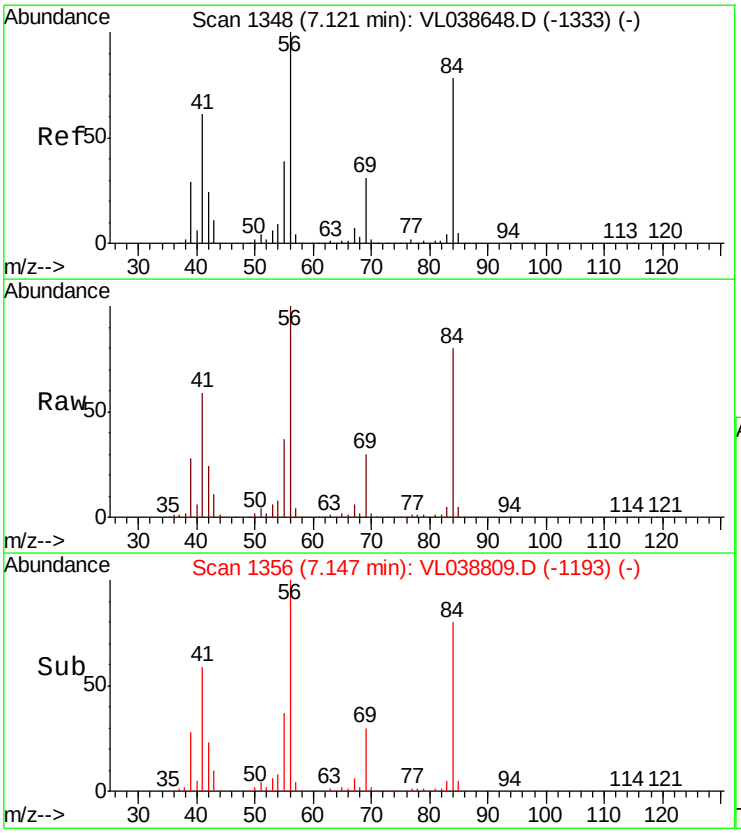
#29
Chloroform
Concen: 10.819 ppbv
RT: 5.77
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 1333323

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.7	77.5

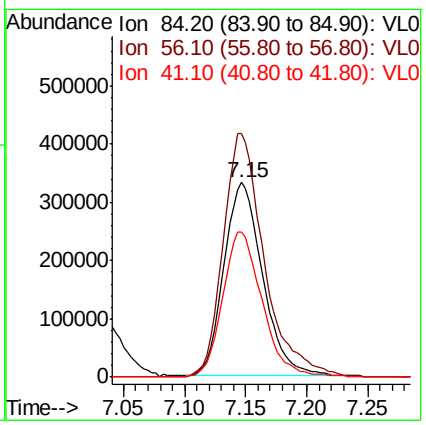


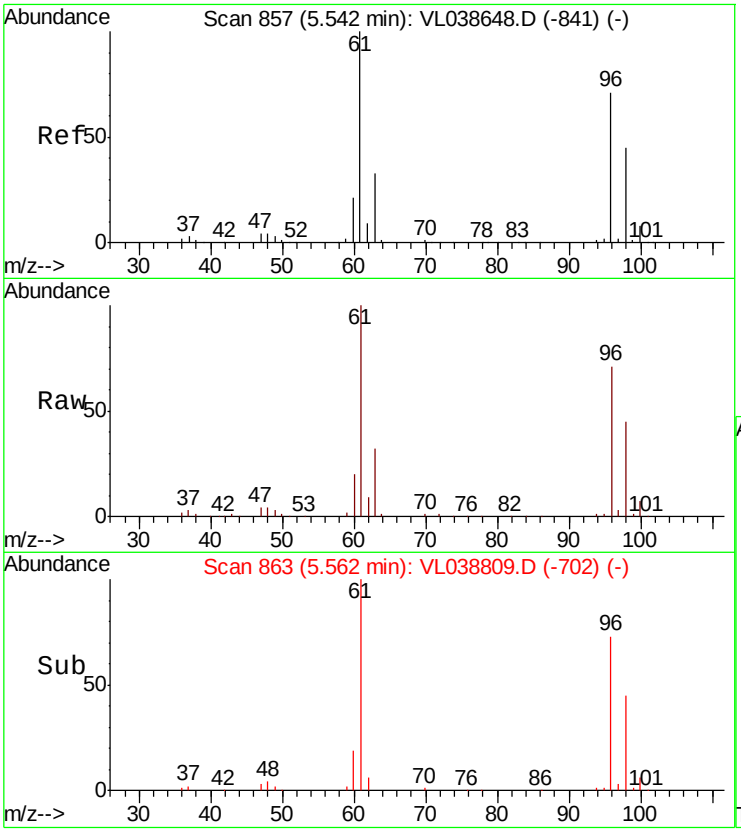


#30
Cyclohexane
Concen: 10.982 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 84 Resp: 734942

Ion	Ratio	Lower	Upper
84	100		
56	134.5	108.2	162.4
41	77.1	61.8	92.6



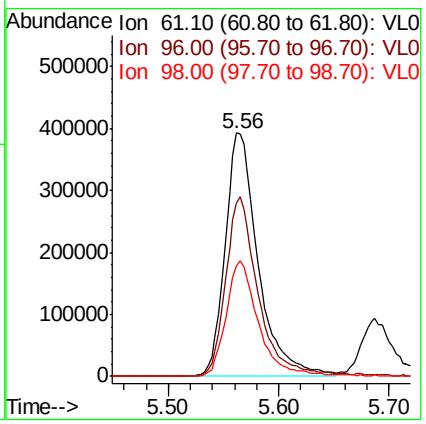


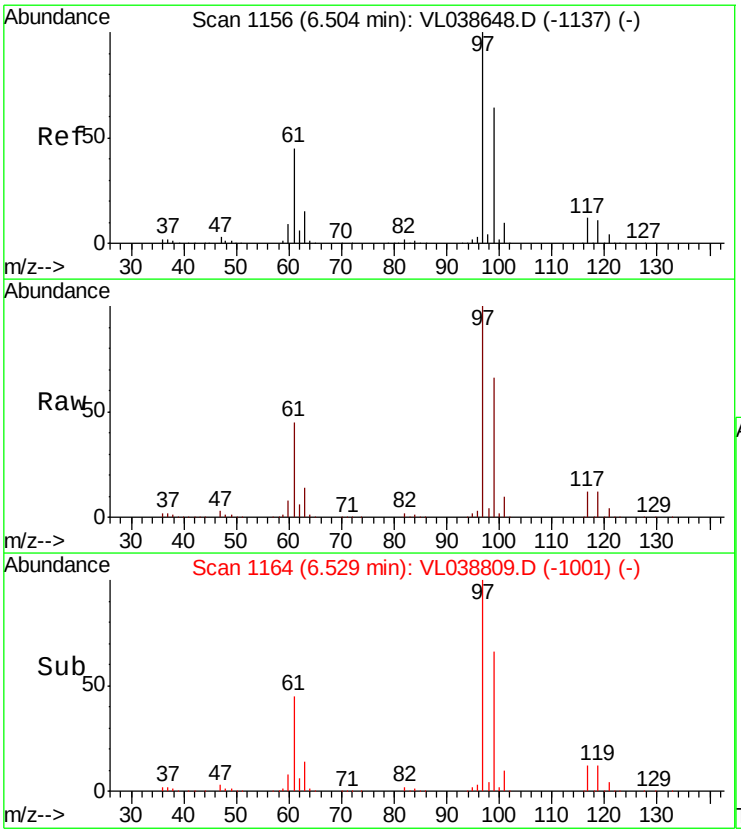
#31
cis-1,2-Dichloroethene
Concen: 11.250 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 814145

Ion	Ratio	Lower	Upper
61	100		
96	71.3	56.6	84.8
98	45.2	36.3	54.5

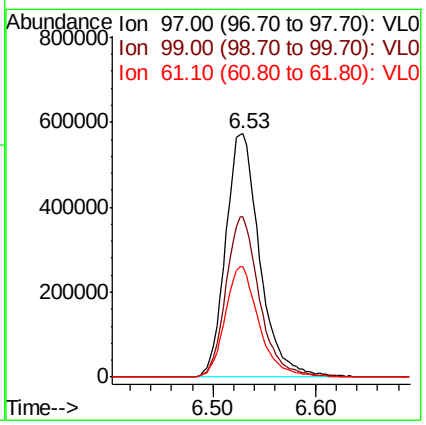


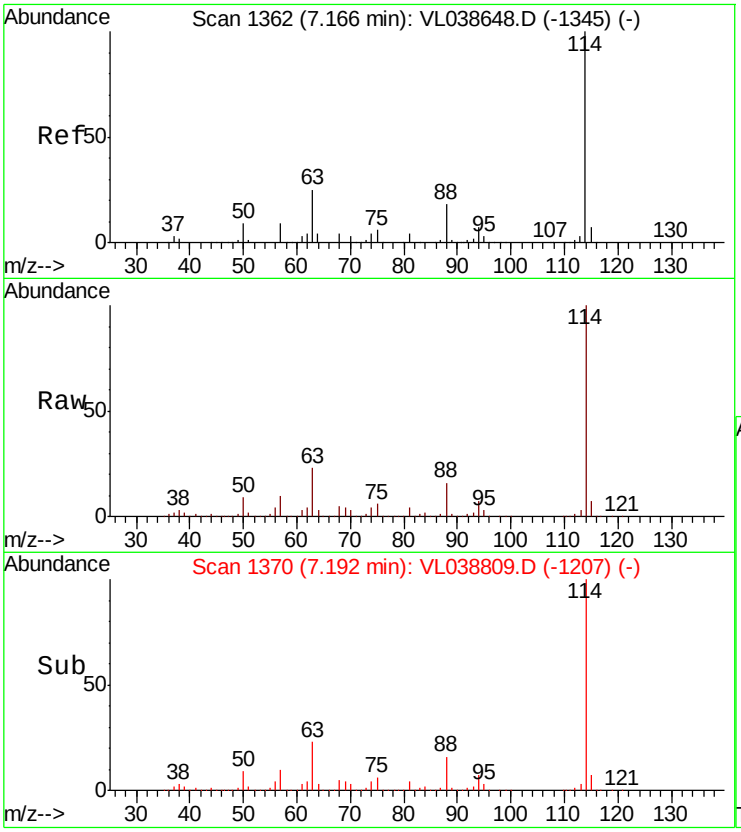


#32
1,1,1-Trichloroethane
Concen: 11.109 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 97 Resp: 1321148

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.8
61	45.3	36.7	55.1



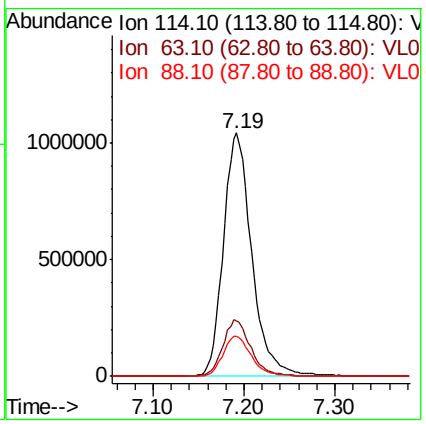


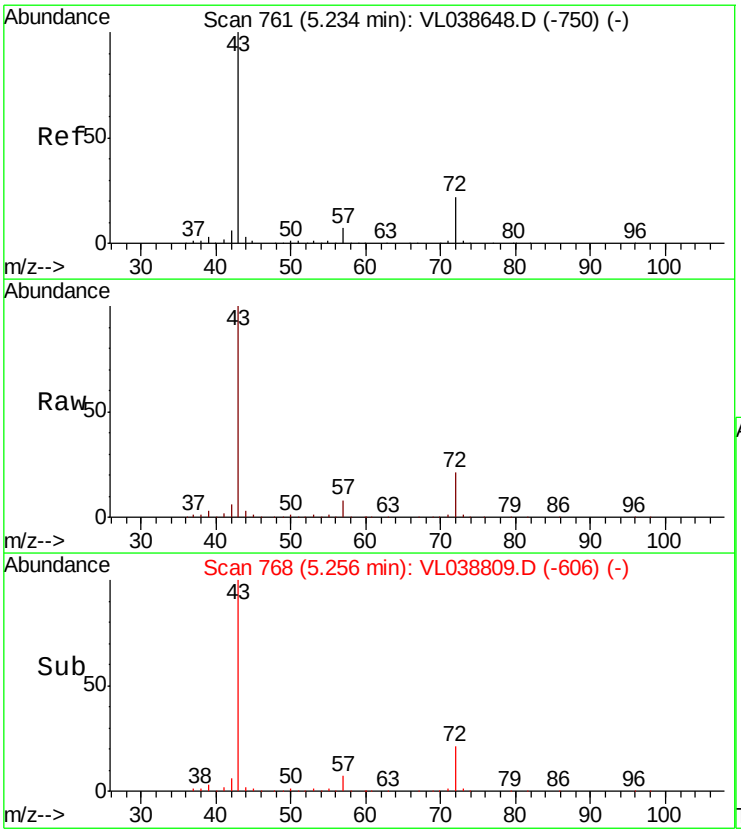
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2260865

Ion	Ratio	Lower	Upper
114	100		
63	23.2	19.4	29.0
88	16.8	13.9	20.9

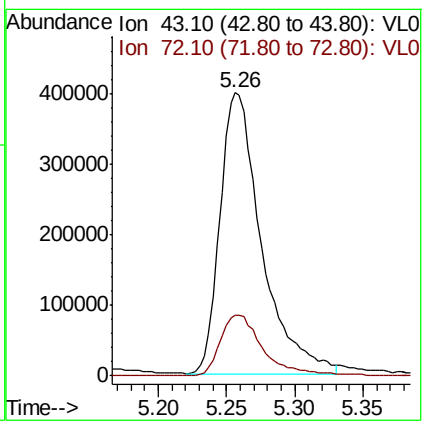


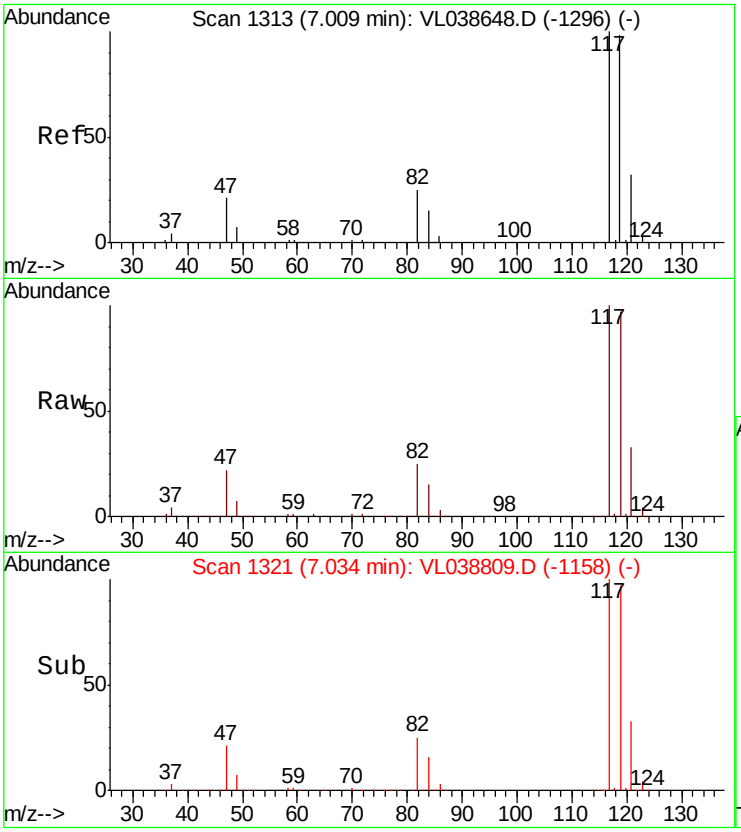


#34
2-Butanone
Concen: 9.403 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 43 Resp: 841433

Ion	Ratio	Lower	Upper
43	100		
72	23.1	17.8	26.8



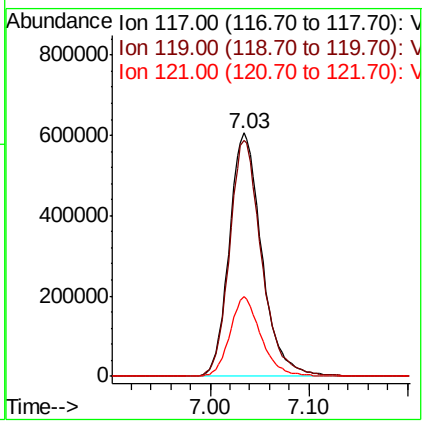


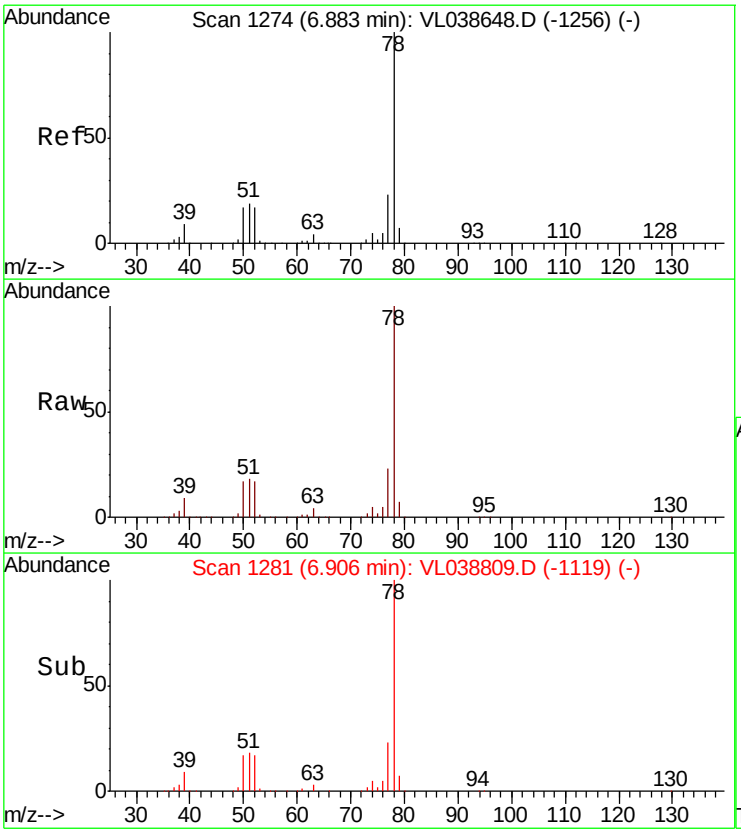
#35
Carbon Tetrachloride
Concen: 10.555 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1384562

Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.1	117.1
121	32.5	25.8	38.6

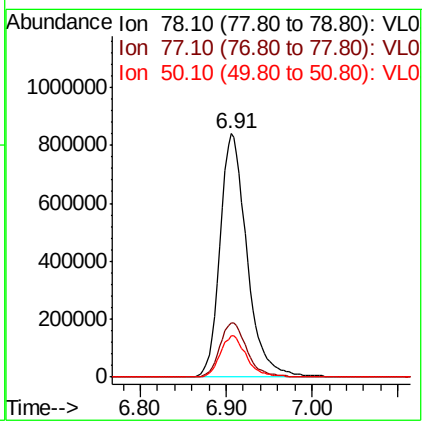


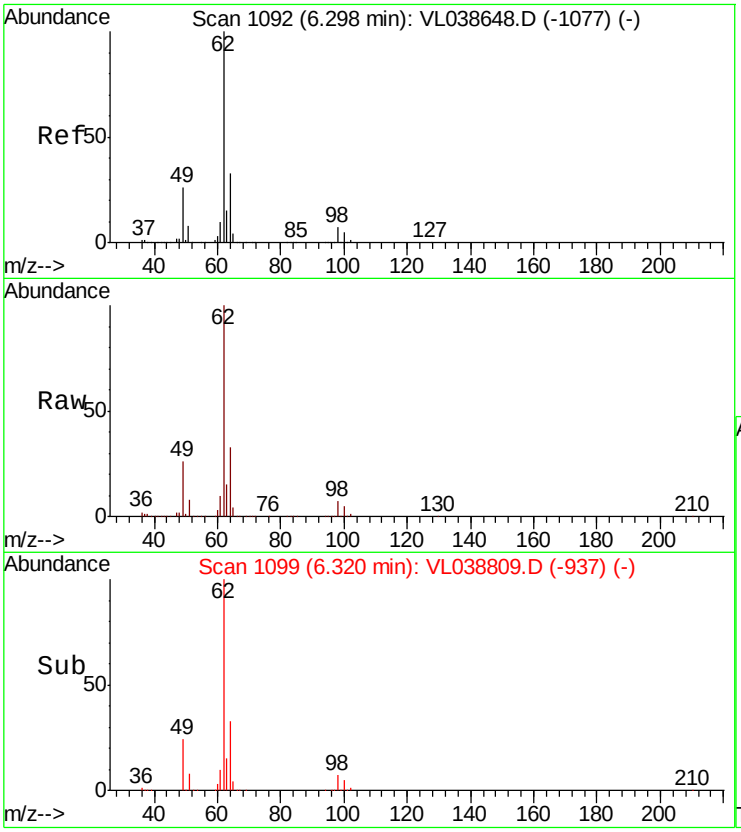


#36
Benzene
Concen: 10.479 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 78 Resp: 1828528

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.1	27.1
50	16.7	13.6	20.4



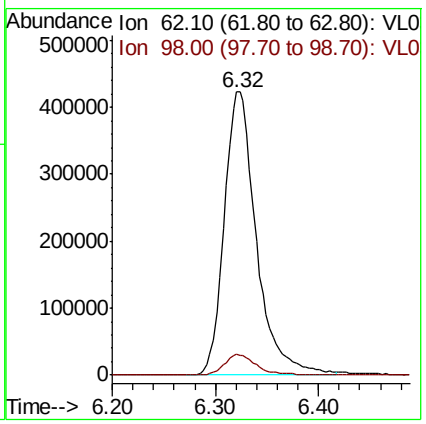


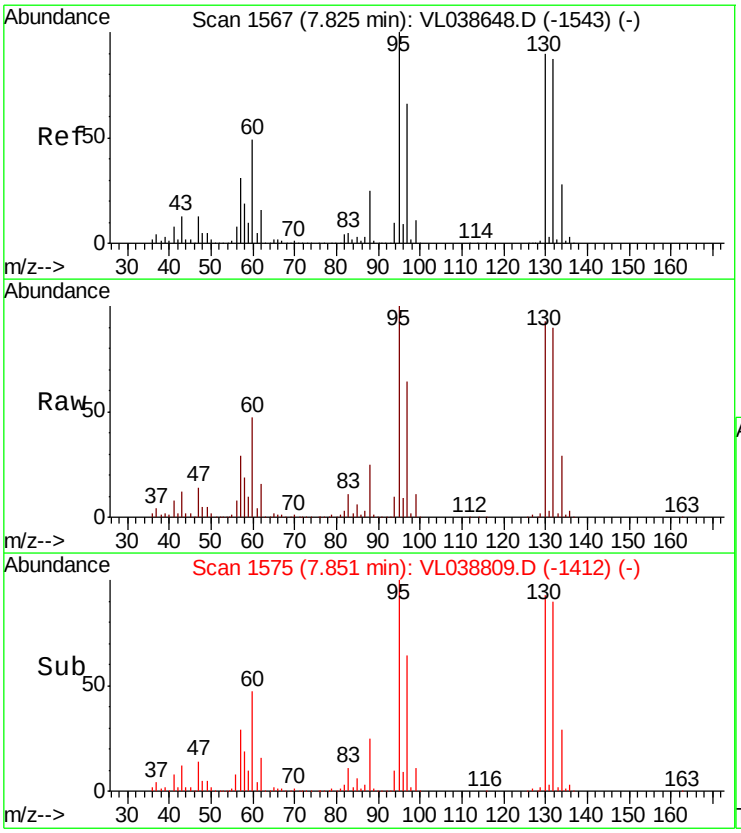
#37
1,2-Dichloroethane
Concen: 10.349 ppbv
RT: 6.32
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 918618

Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.6	8.4

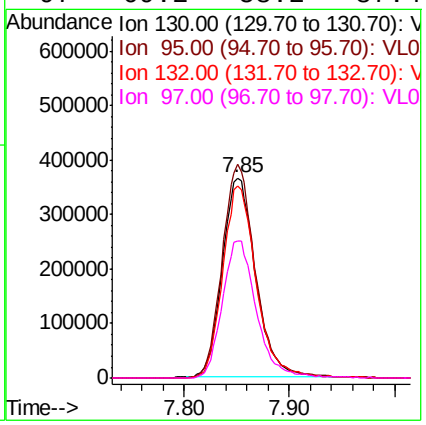


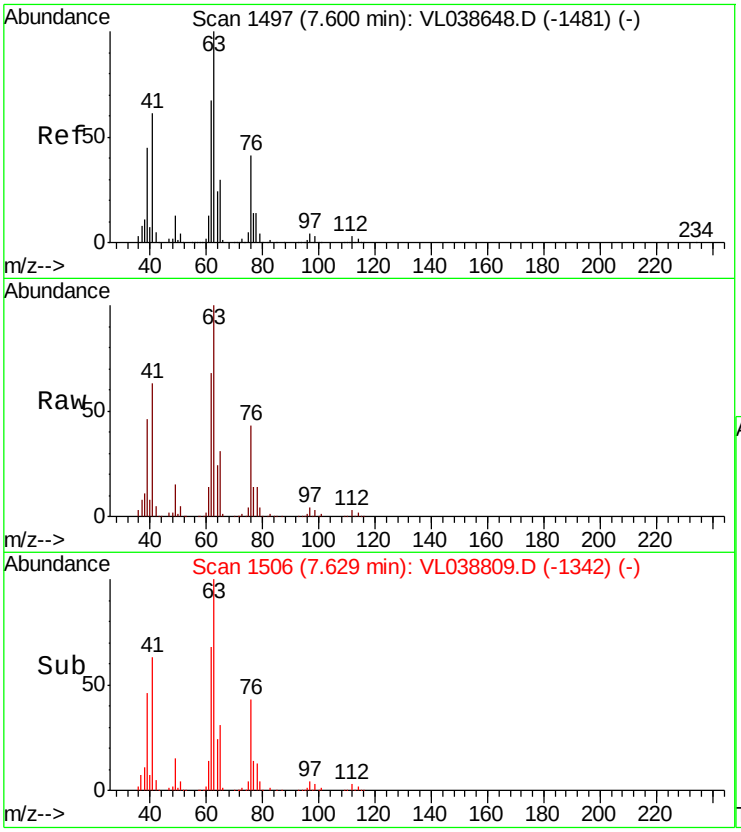


#38
Trichloroethene
Concen: 10.900 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:130 Resp: 796771

Ion	Ratio	Lower	Upper
130	100		
95	107.4	88.9	133.3
132	96.7	77.4	116.0
97	69.2	58.2	87.4



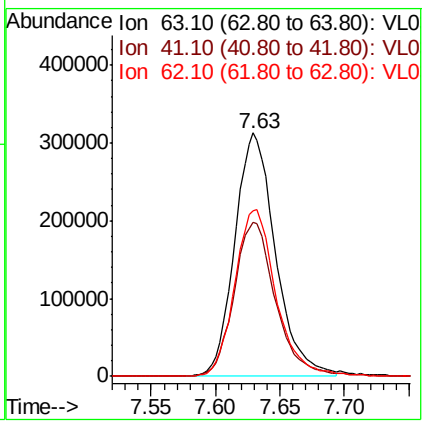


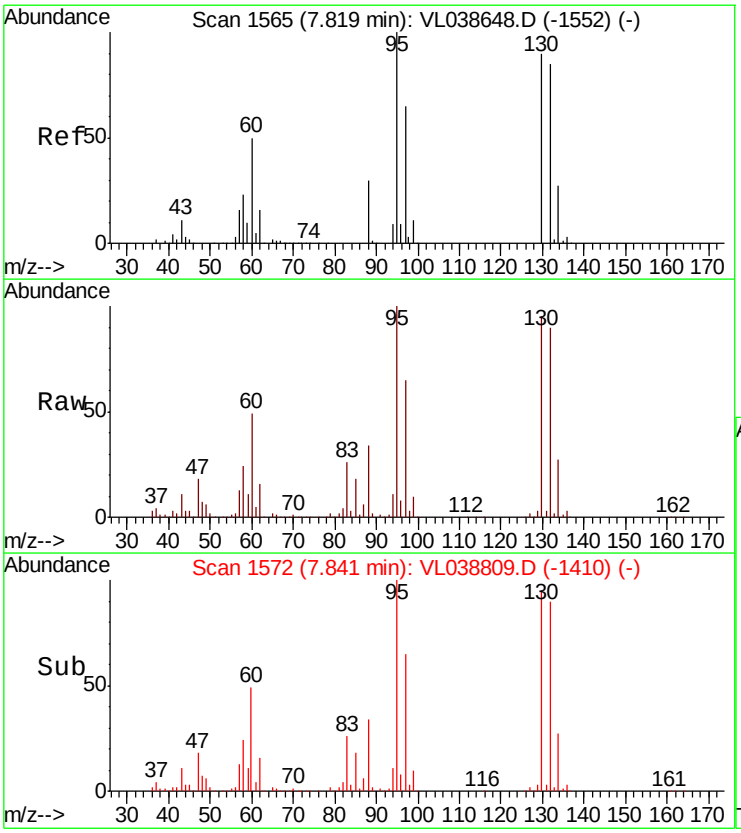
#39
1,2-Dichloropropane
Concen: 10.091 ppbv
RT: 7.63
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 688375

Ion	Ratio	Lower	Upper
63	100		
41	63.0	49.0	73.6
62	67.6	53.9	80.9

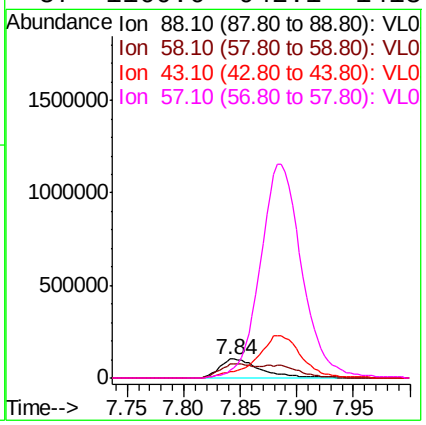


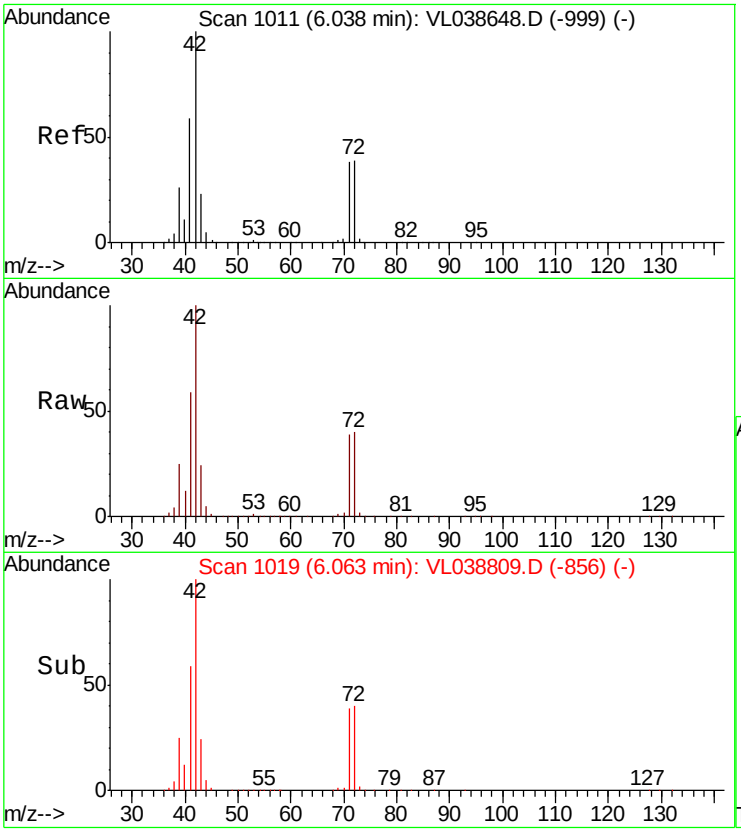


#40
1,4-Dioxane
Concen: 10.778 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 88 Resp: 255327

Ion	Ratio	Lower	Upper
88	100		
58	125.3	105.6	158.4
43	251.3	201.9	302.9
57	1160.6	942.1	1413.1



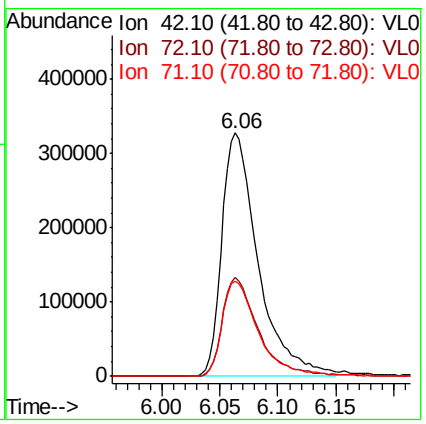


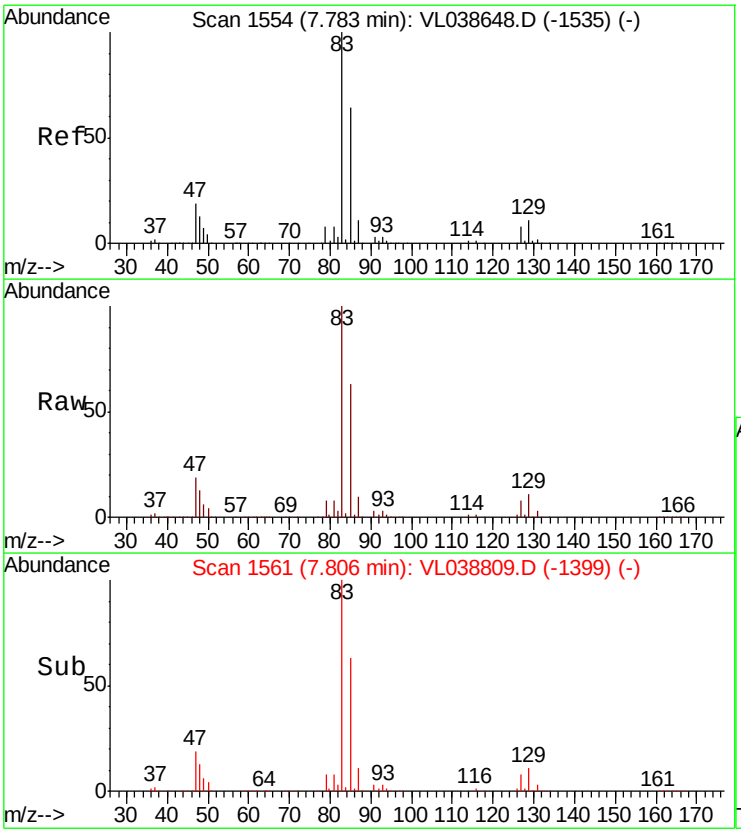
#41
Tetrahydrofuran
Concen: 10.740 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 715290

Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.5	48.7
71	39.6	31.4	47.2

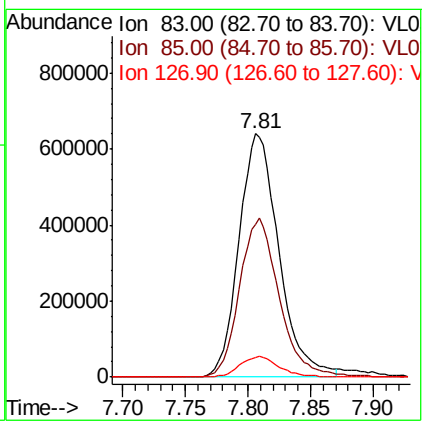


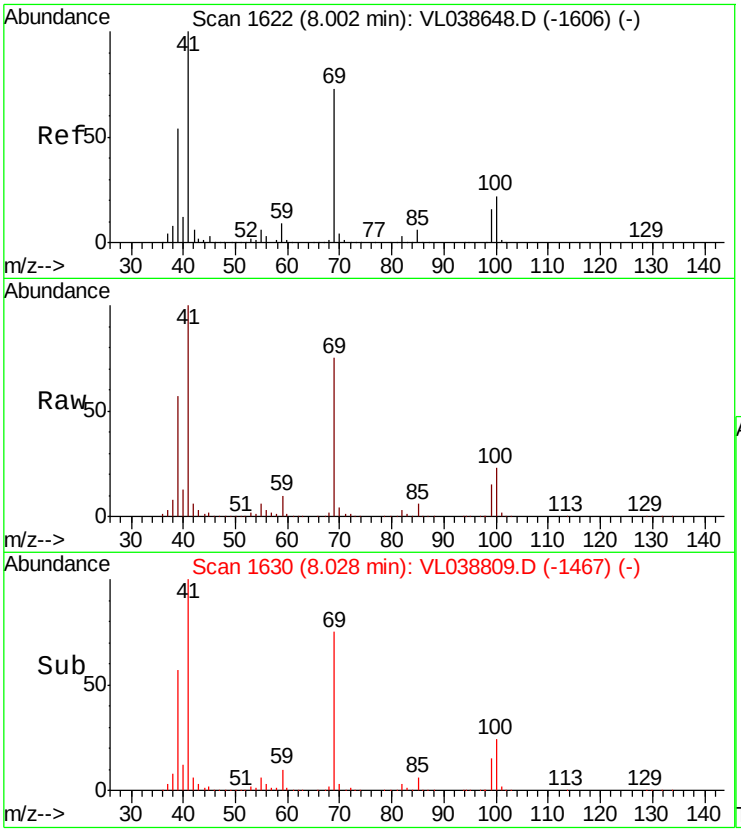


#42
Bromodichloromethane
Concen: 10.675 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 83 Resp: 1420662

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.1	76.7
127	8.3	6.5	9.7



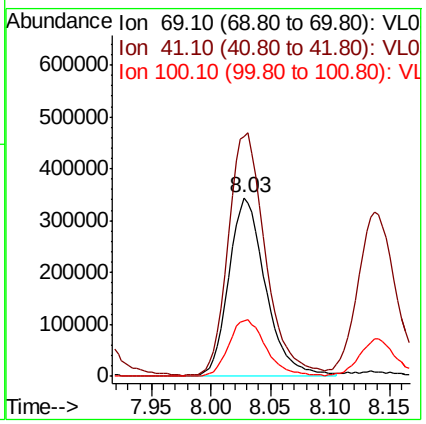


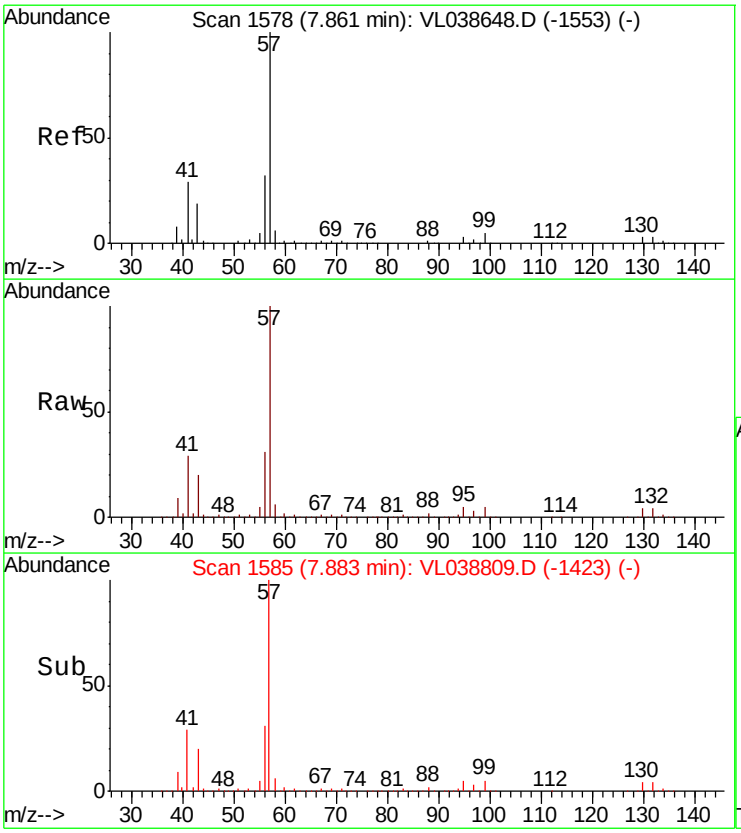
#43
Methyl Methacrylate
Concen: 11.377 ppbv
RT: 8.03
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 737055

Ion	Ratio	Lower	Upper
69	100		
41	139.0	110.3	165.5
100	32.5	24.8	37.2

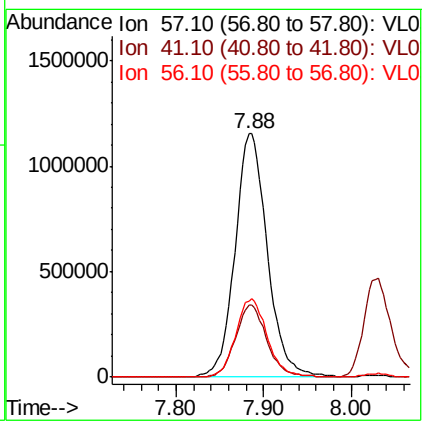


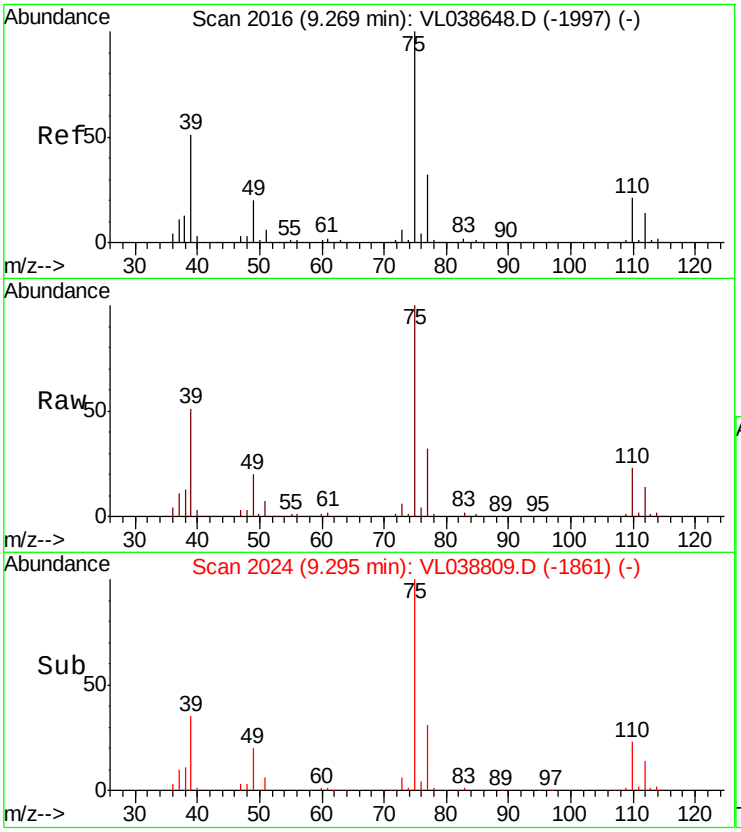


#44
2,2,4-Trimethylpentane
Concen: 10.098 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 57 Resp: 2958433

Ion	Ratio	Lower	Upper
57	100		
41	28.7	23.0	34.4
56	31.4	25.3	37.9



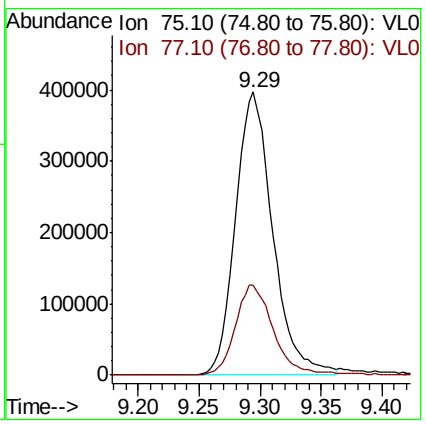


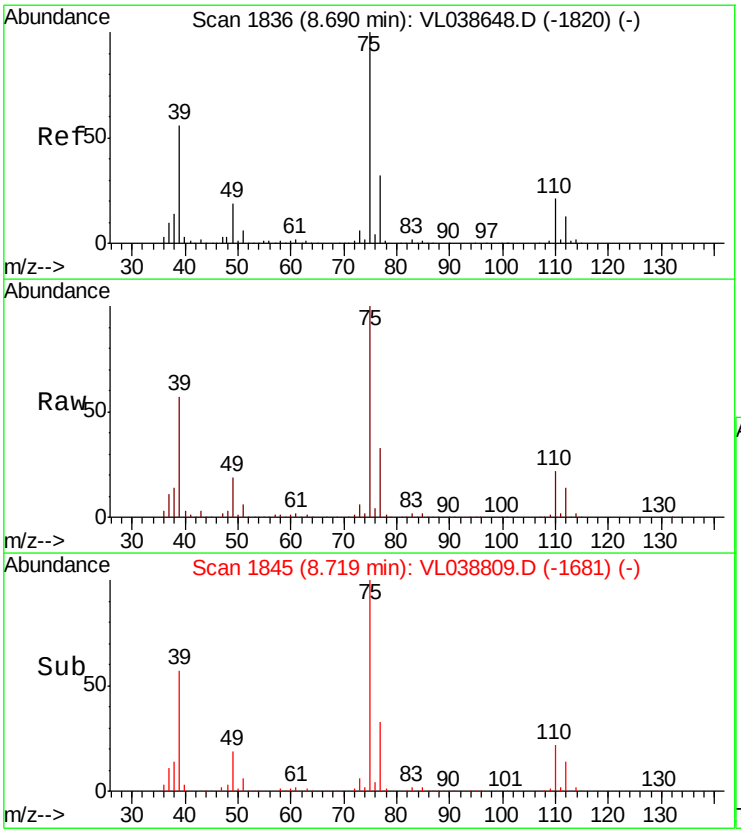
#45
t-1,3-Dichloropropene
Concen: 12.689 ppbv
RT: 9.29
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 835785

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3

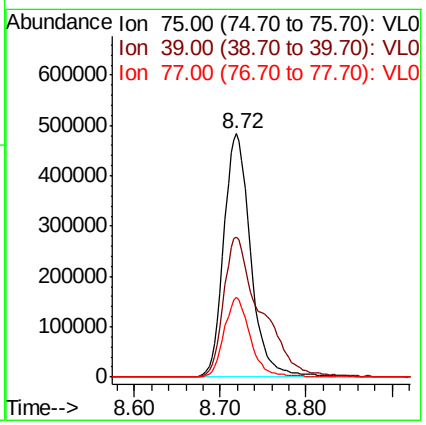


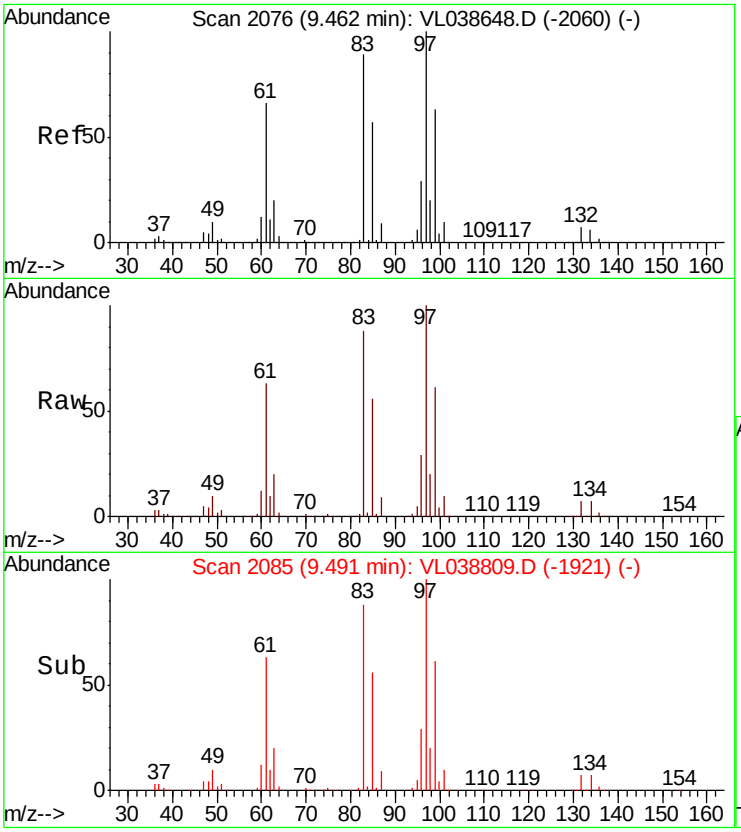


#46
cis-1,3-Dichloropropene
Concen: 11.813 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 75 Resp: 1052129

Ion	Ratio	Lower	Upper
75	100		
39	57.4	44.8	67.2
77	32.9	25.4	38.0



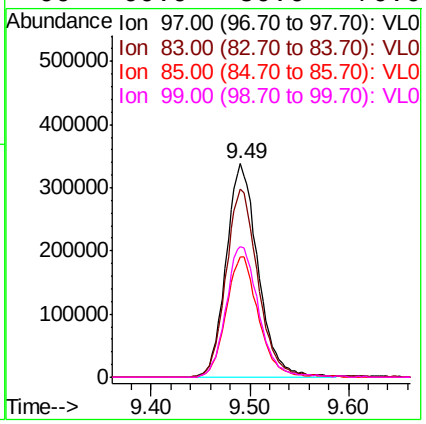


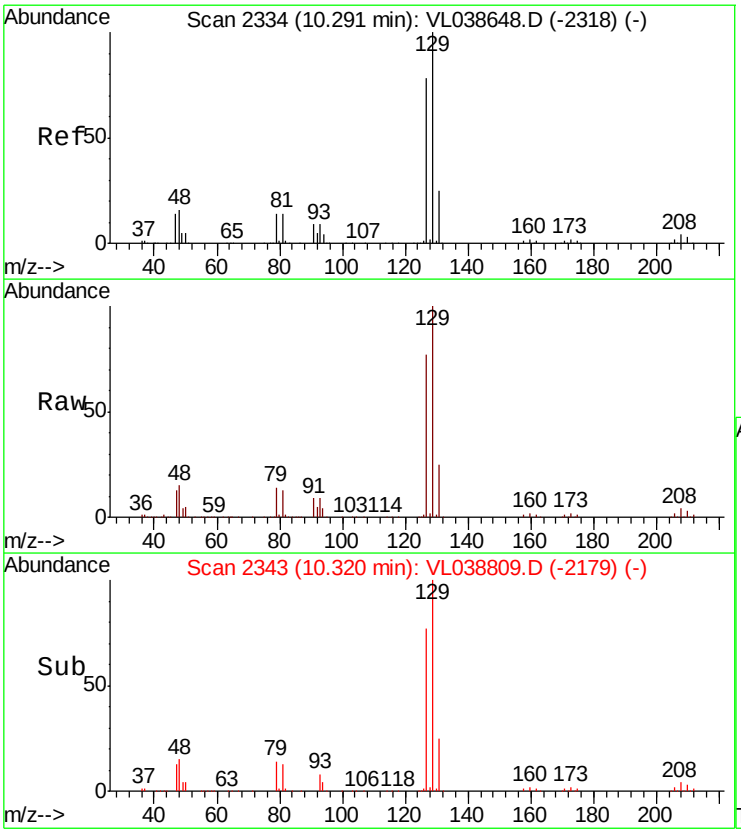
#47
1,1,2-Trichloroethane
Concen: 10.495 ppbv
RT: 9.49
Delta R.T
Lab File:
Acq: 31 Mar 2022 9.44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 764334

Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.2	106.8
85	56.4	45.3	67.9
99	60.9	50.6	76.0

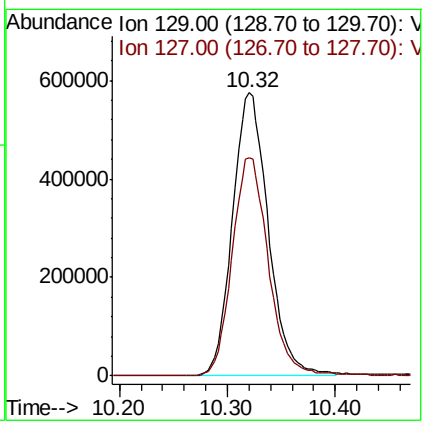


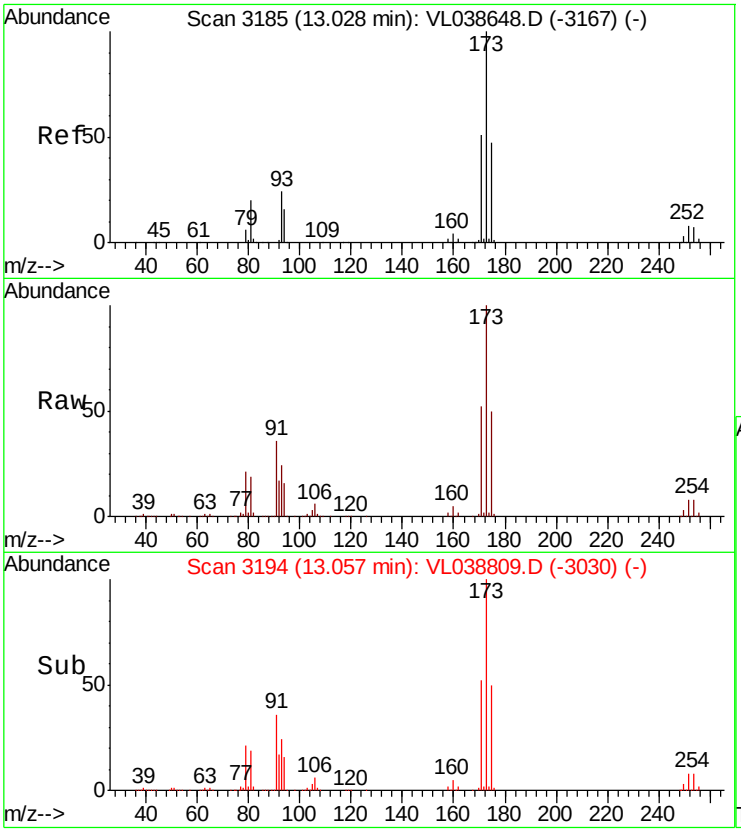


#48
Dibromochloromethane
Concen: 11.605 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:129 Resp: 1323890

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.5	118.5



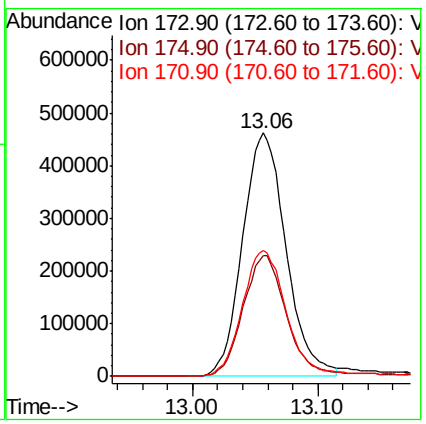


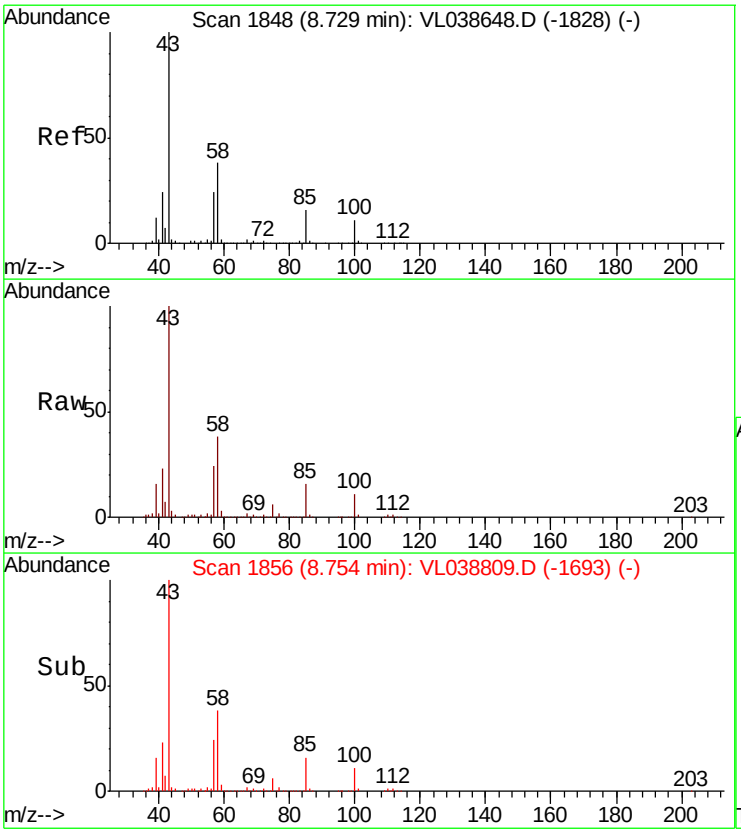
#49
Bromoform
Concen: 11.947 ppbv
RT: 13.06
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 1110800

Ion	Ratio	Lower	Upper
173	100		
175	51.2	41.0	61.6
171	55.0	43.1	64.7

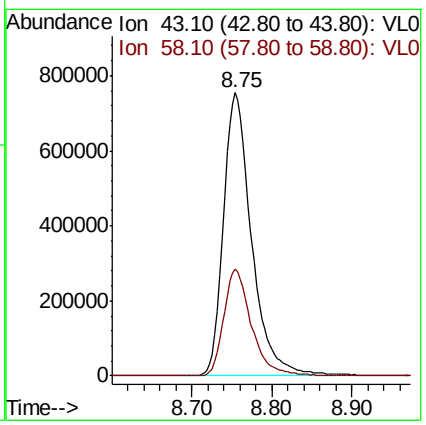


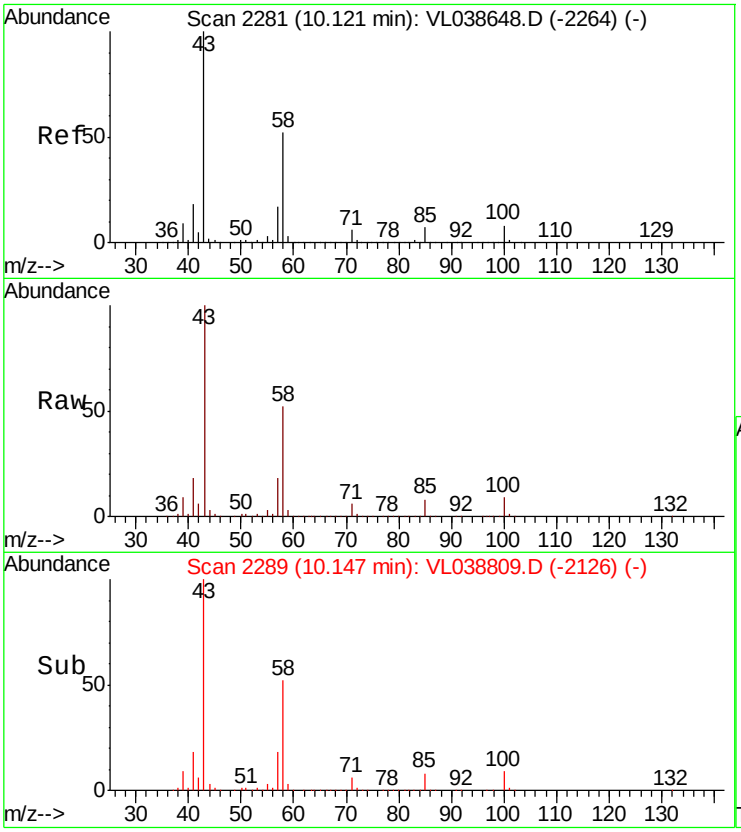


#50
4-Methyl-2-Pentanone
Concen: 10.917 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 43 Resp: 1816143

Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.9	44.9



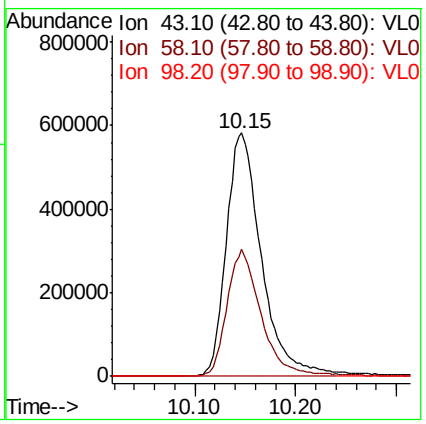


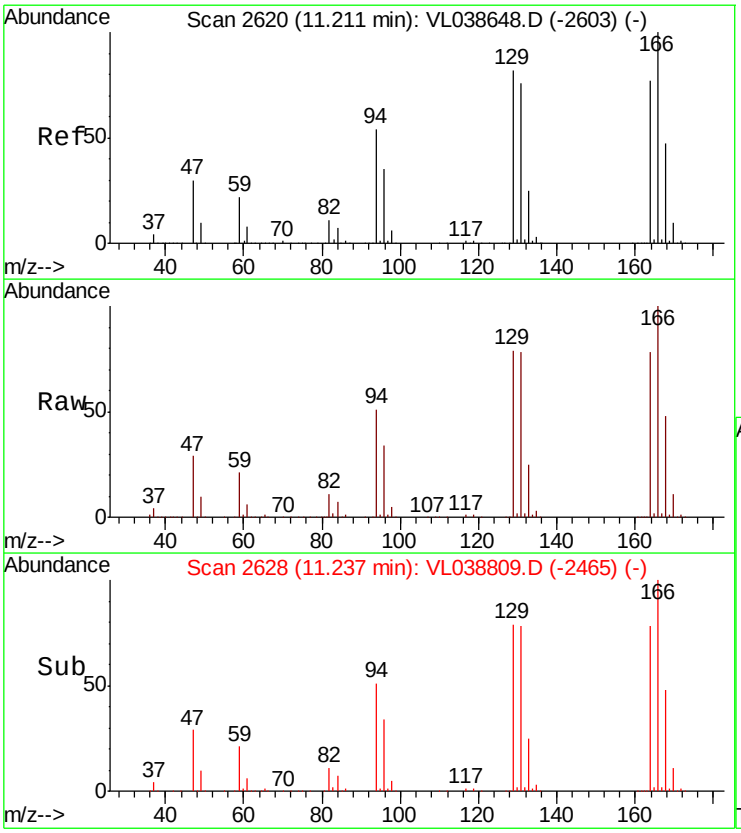
#51
2-Hexanone
Concen: 11.768 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1406281

Ion	Ratio	Lower	Upper
43	100		
58	51.3	41.2	61.8
98	0.2	0.2	0.4#

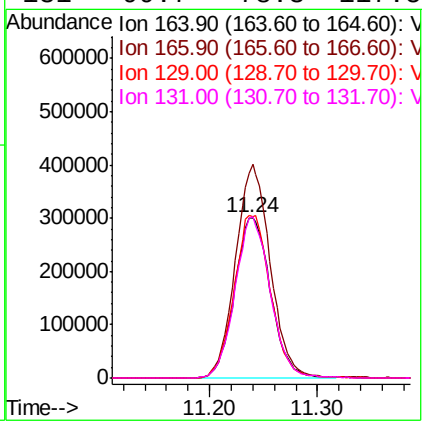


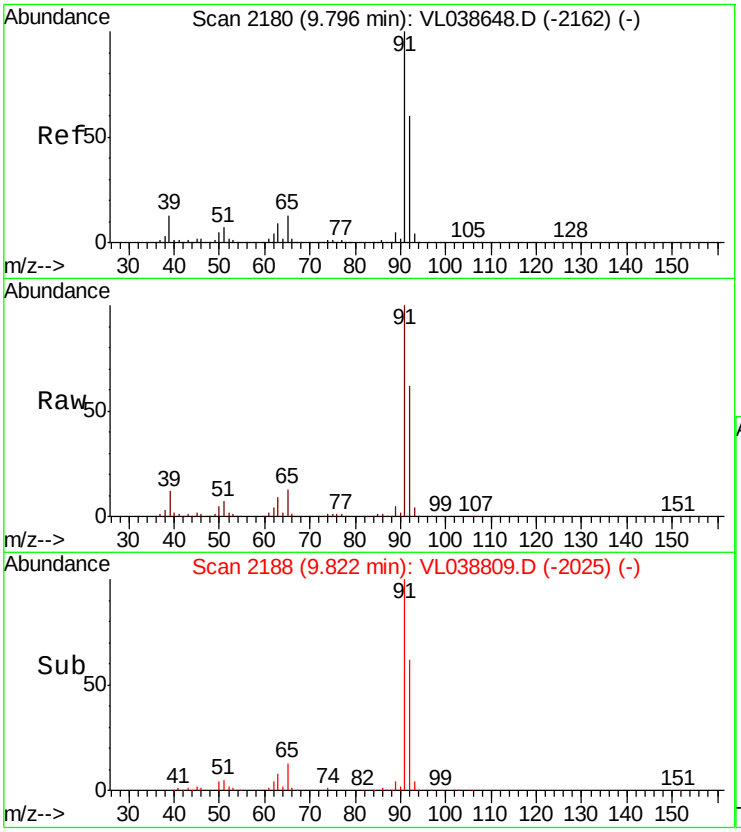


#52
Tetrachloroethene
Concen: 10.937 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:164 Resp: 698385

Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.3	154.9
129	101.3	85.2	127.8
131	99.7	78.3	117.5



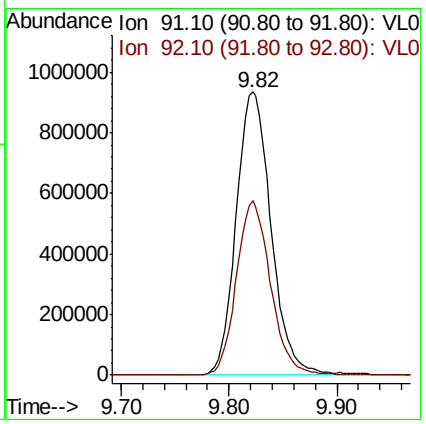


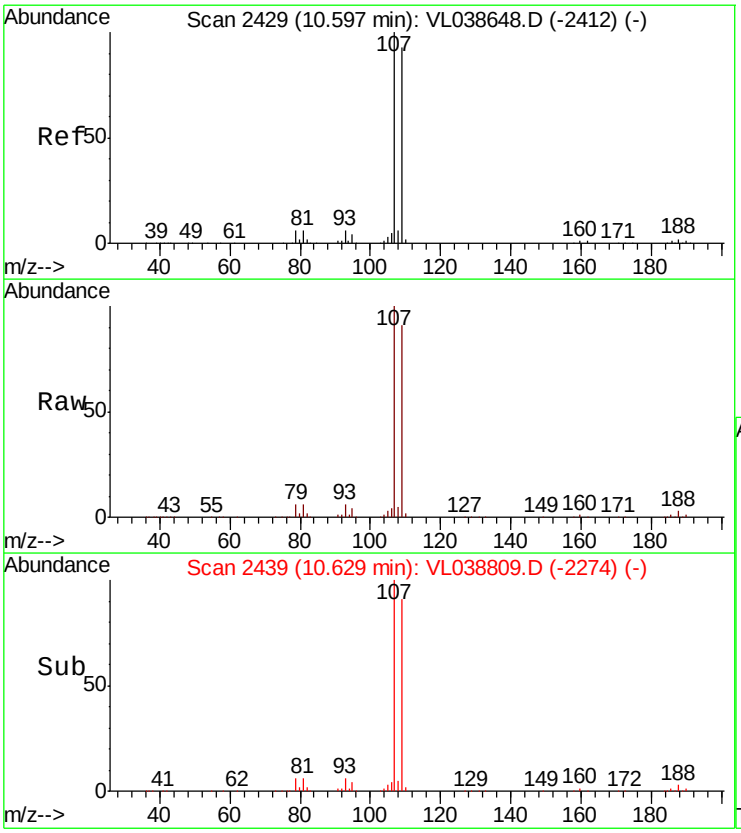
#53
Toluene
Concen: 11.225 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2104595

Ion	Ratio	Lower	Upper
91	100		
92	60.7	48.7	73.1

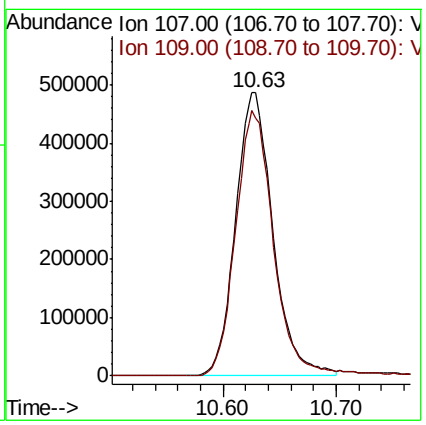


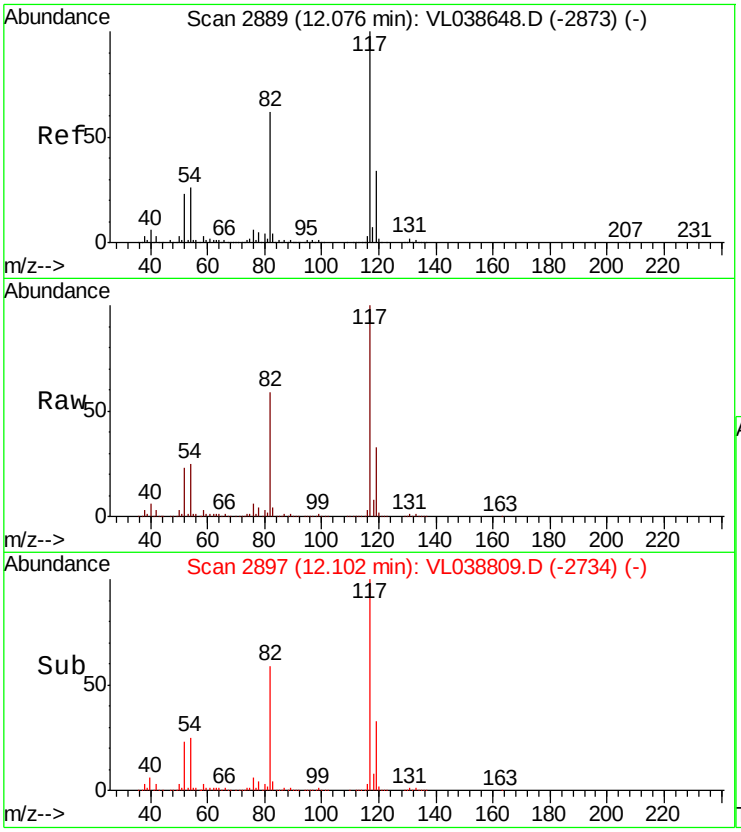


#54
1,2-Dibromoethane
Concen: 11.240 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:107 Resp: 1117702

Ion	Ratio	Lower	Upper
107	100		
109	91.1	74.1	111.1



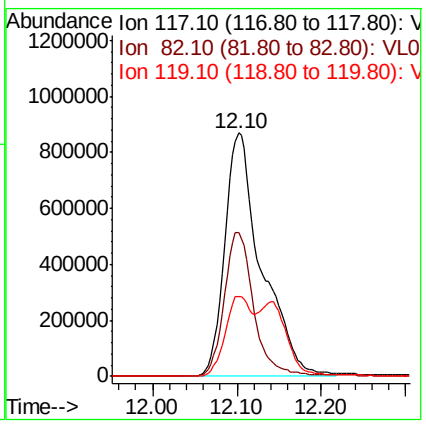


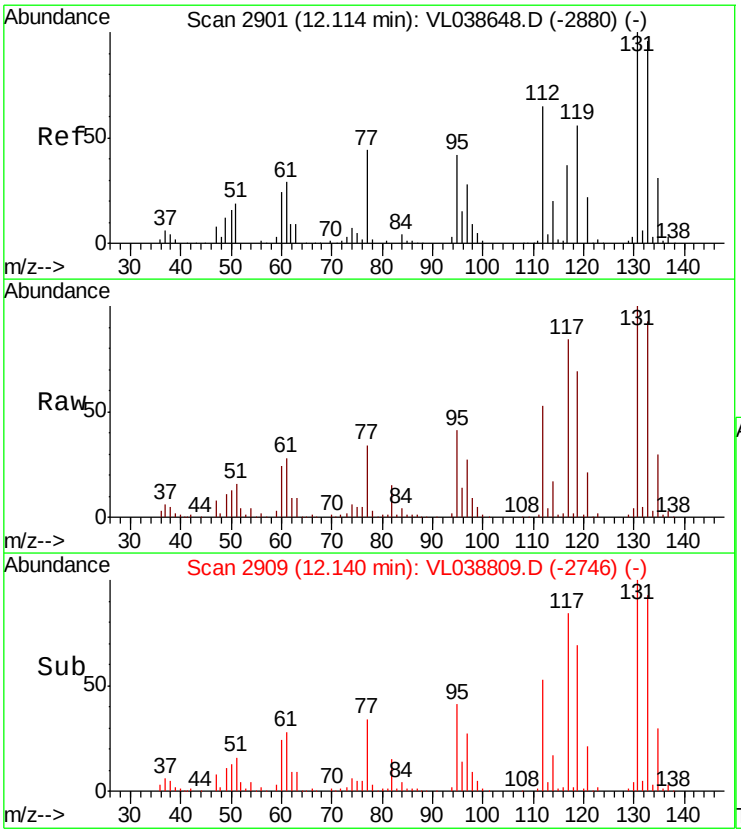
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2632862

Ion	Ratio	Lower	Upper
117	100		
82	48.5	51.6	77.4#
119	22.0	26.9	40.3#

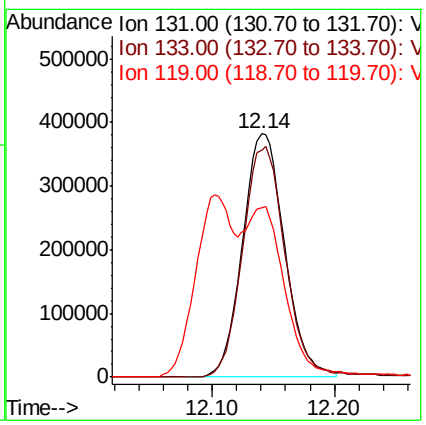


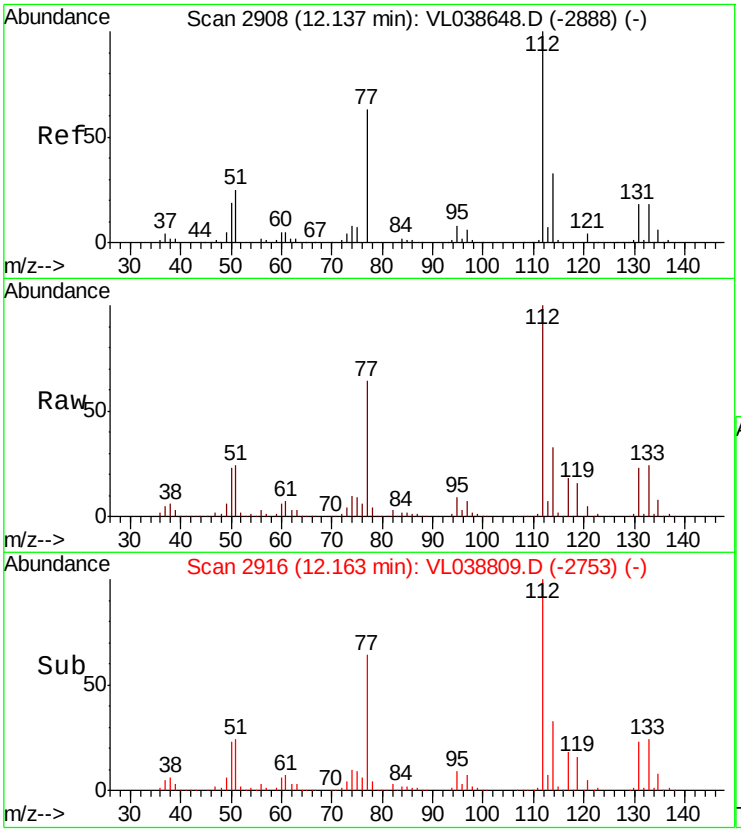


#56
1,1,1,2-Tetrachloroethane
Concen: 8.330 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:131 Resp: 909212

Ion	Ratio	Lower	Upper
131	100		
133	97.4	77.3	115.9
119	71.4	53.0	79.6



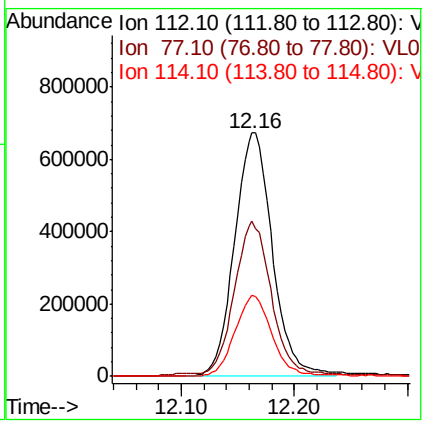


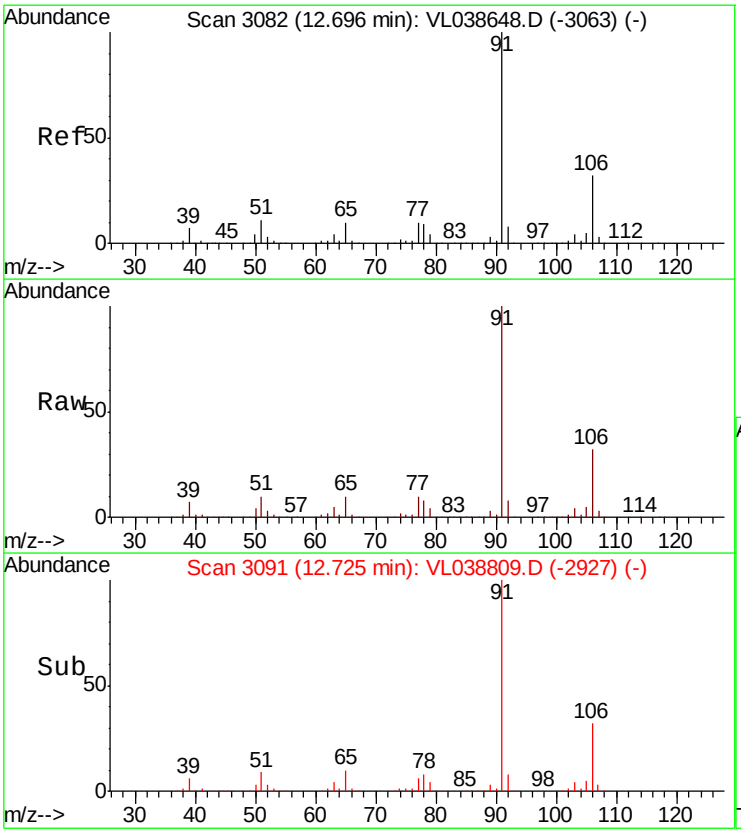
#57
Chlorobenzene
Concen: 8.257 ppbv
RT: 12.16
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 1568014

Ion	Ratio	Lower	Upper
112	100		
77	62.5	51.0	76.6
114	33.1	29.8	36.4

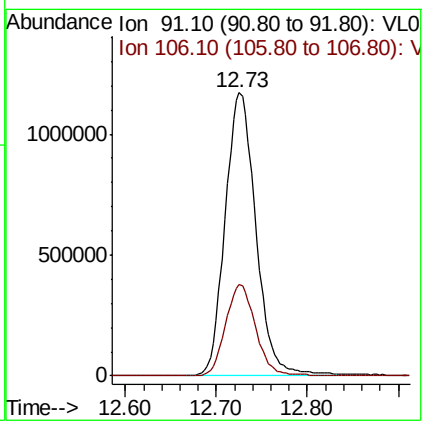


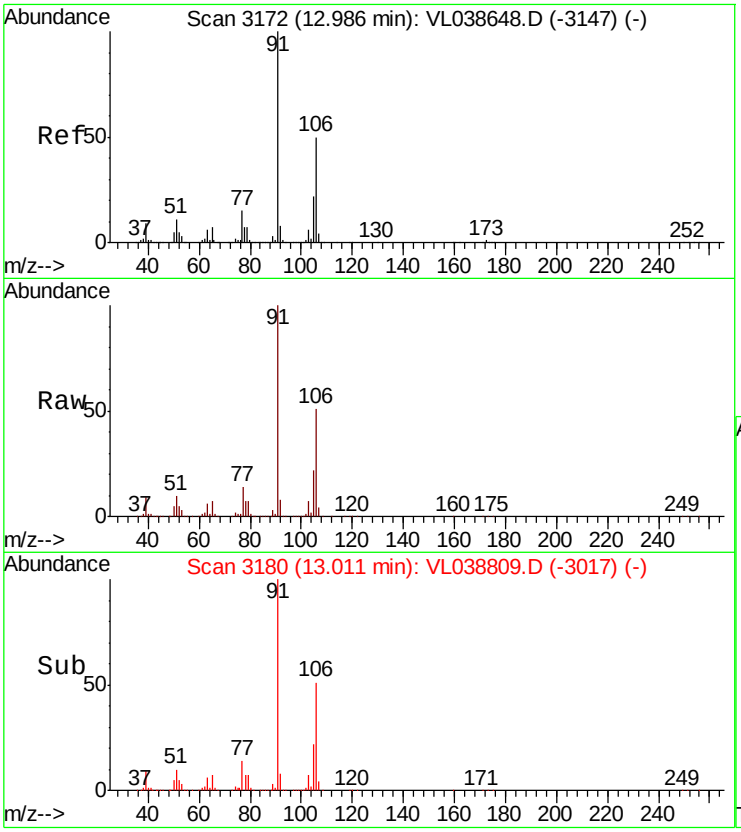


#58
Ethyl Benzene
Concen: 8.944 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 2753023

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.4	38.0



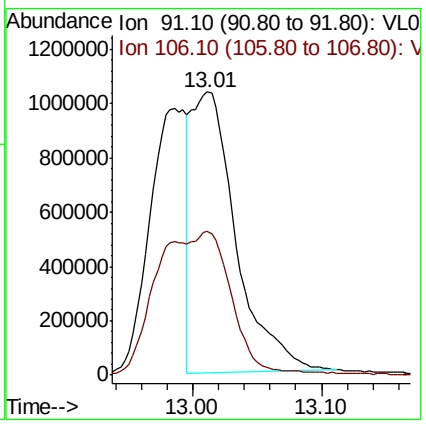


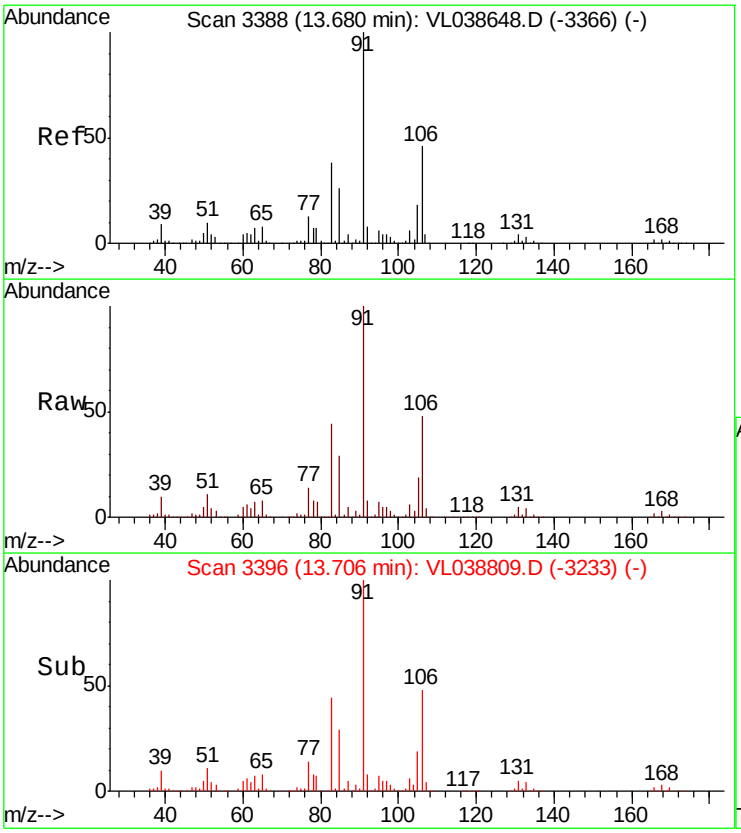
#59
m/p-Xylene
Concen: 9.193 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2475186

Ion	Ratio	Lower	Upper
91	100		
106	87.3	37.2	55.8#

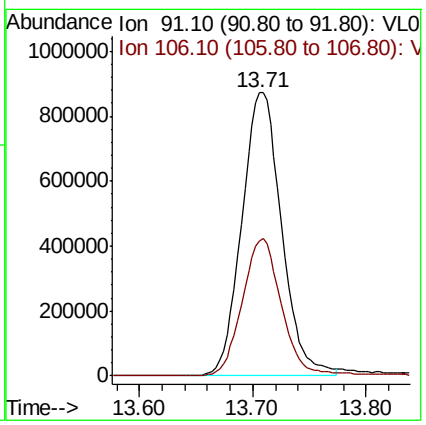


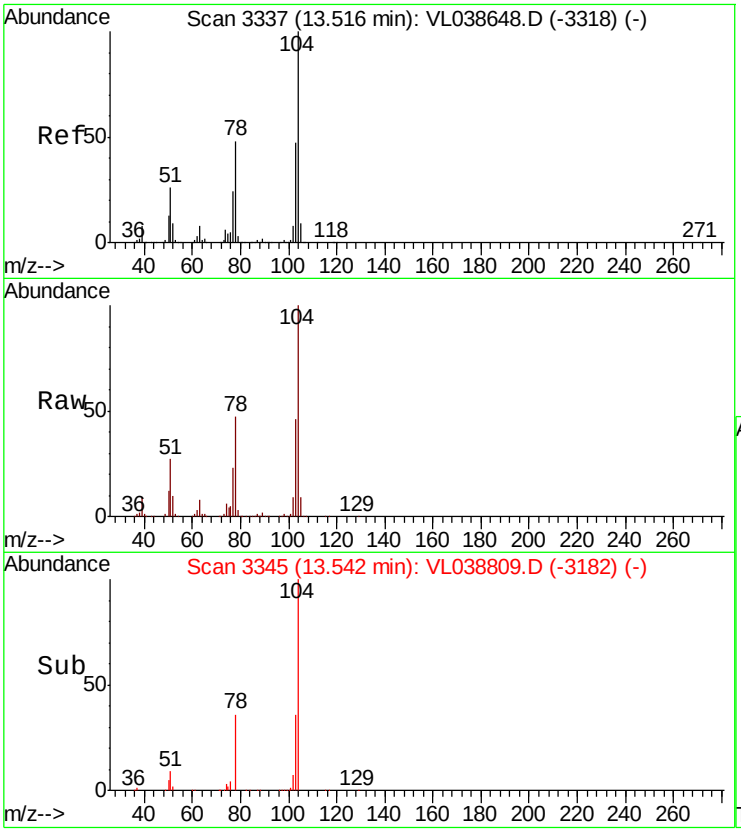


#60
o-Xylene
Concen: 8.332 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 2130086

Ion	Ratio	Lower	Upper
91	100		
106	48.9	23.5	70.5



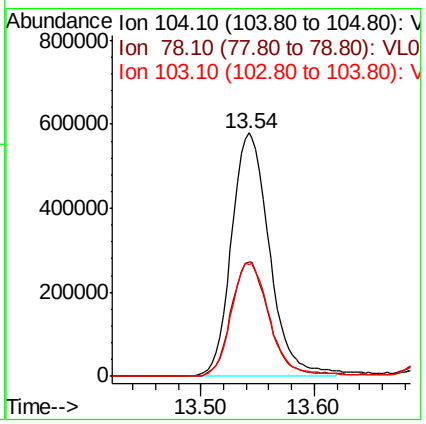


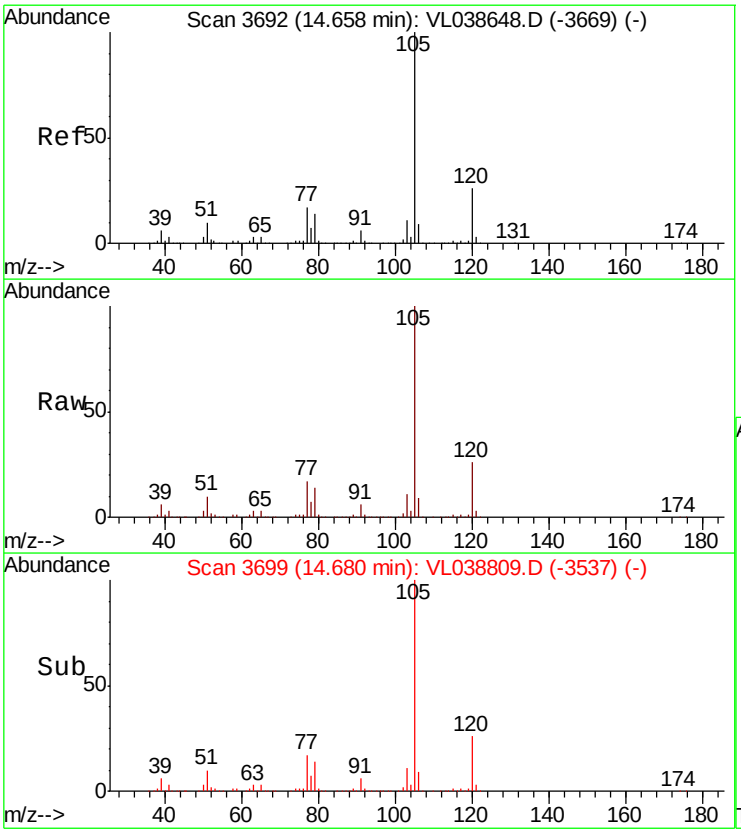
#61
Stvrene
Concen: 9.745 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 1351009

Ion	Ratio	Lower	Upper
104	100		
78	47.8	39.0	58.4
103	47.9	37.8	56.8

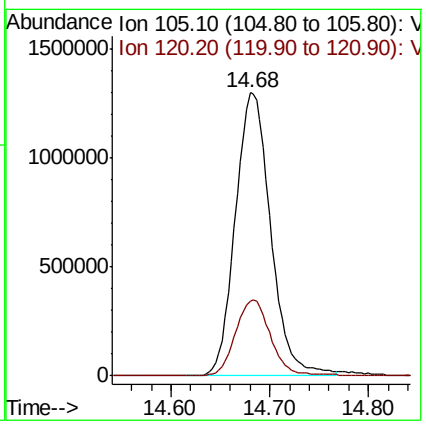


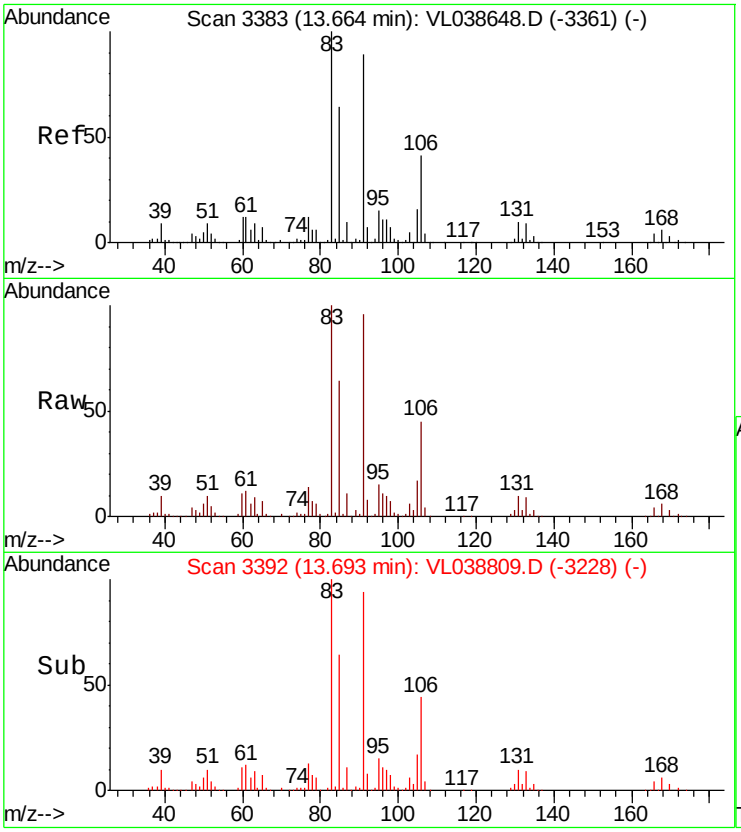


#62
Isopropylbenzene
Concen: 8.414 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:105 Resp: 3233788

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.2	31.8



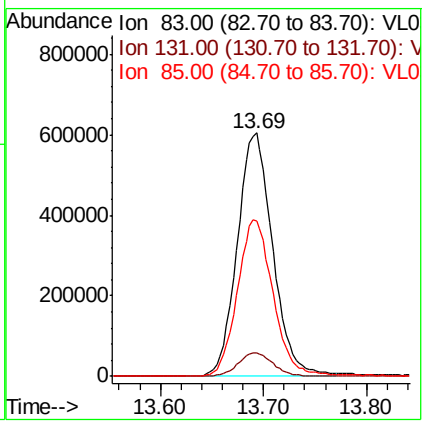


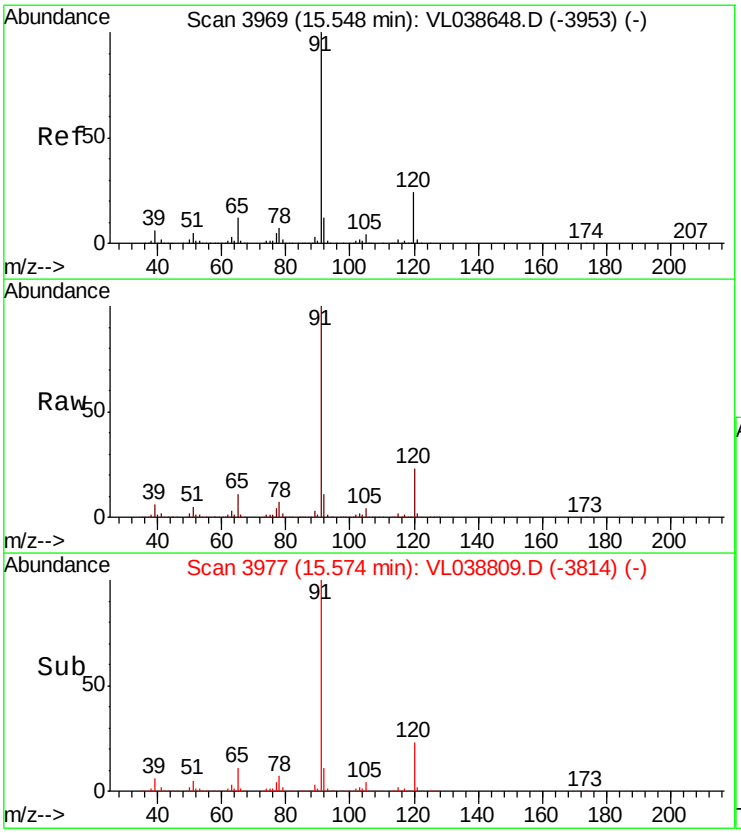
#63
1,1,2,2-Tetrachloroethane
Concen: 7.299 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 1445337

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.3
85	65.7	32.6	97.8

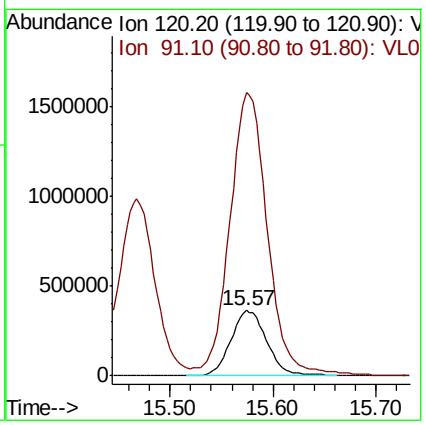


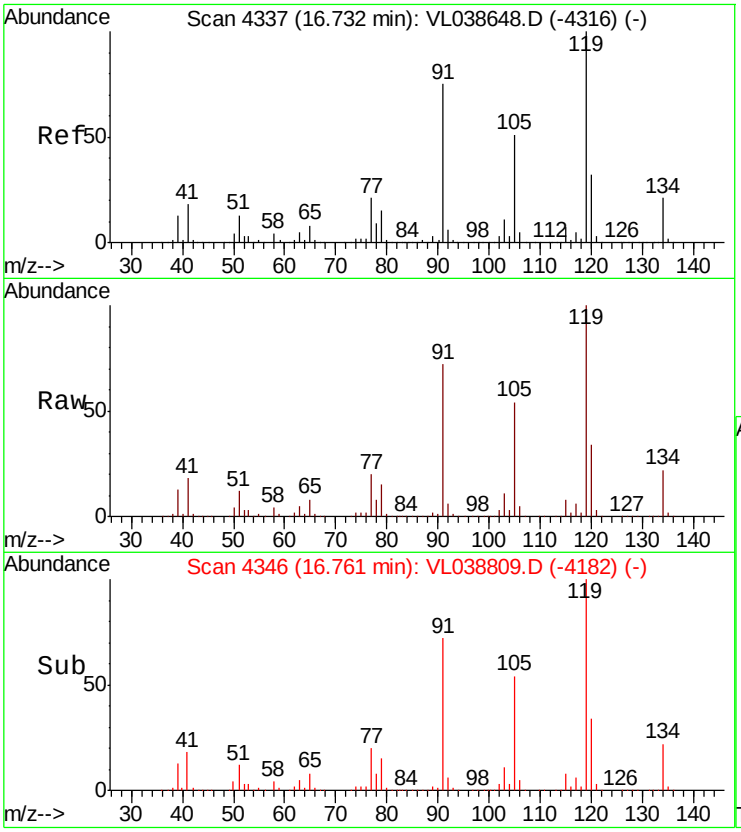


#64
n-propylbenzene
Concen: 8.790 ppbv
RT: 15.57 min Scan# 3977
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:120 Resp: 886470

Ion	Ratio	Lower	Upper
120	100		
91	452.1	368.0	552.0



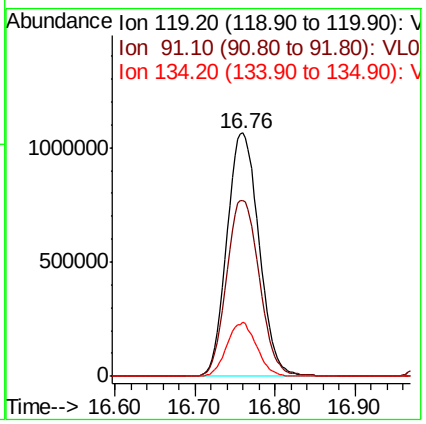


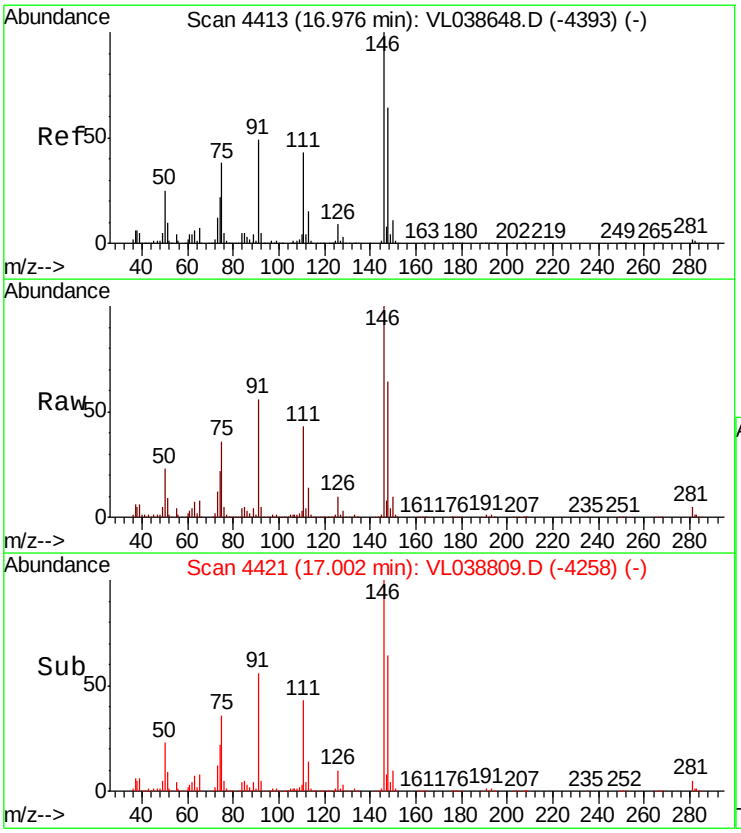
#65
tert-Butylbenzene
Concen: 8.380 ppbv
RT: 16.76
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 2893902

Ion	Ratio	Lower	Upper
119	100		
91	74.2	61.2	91.8
134	20.6	16.3	24.5

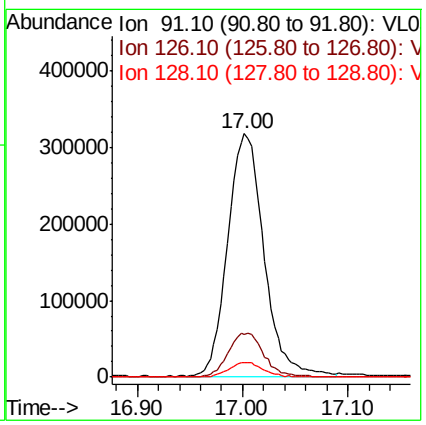


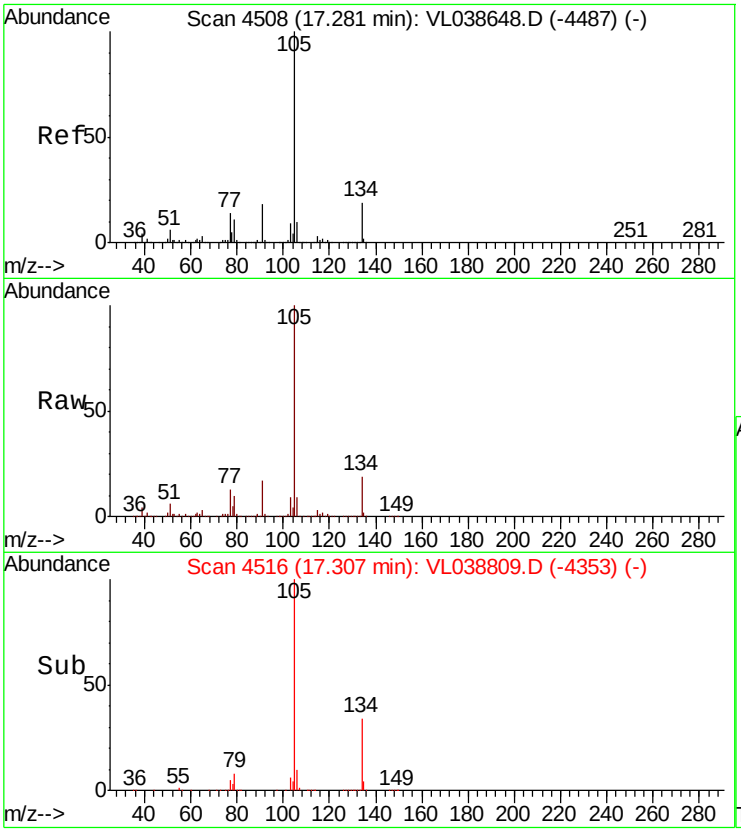


#66
Benzyl Chloride
Concen: 11.549 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 755157

Ion	Ratio	Lower	Upper
91	100		
126	18.2	14.3	21.5
128	5.8	4.6	6.8



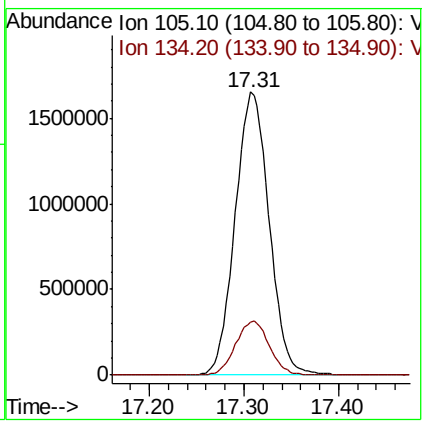


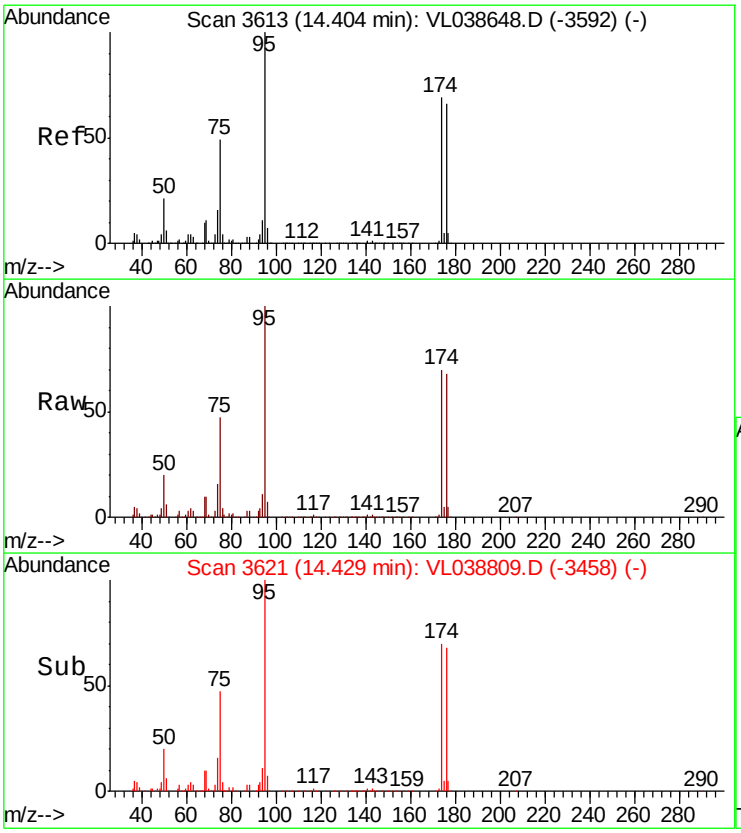
#67
sec-Butylbenzene
Concen: 8.357 ppbv
RT: 17.31
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 4127117

Ion	Ratio	Lower	Upper
105	100		
134	19.1	15.1	22.7

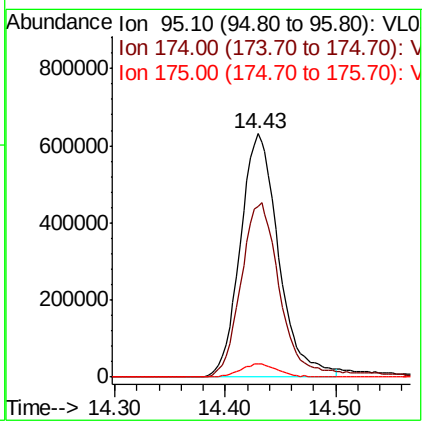


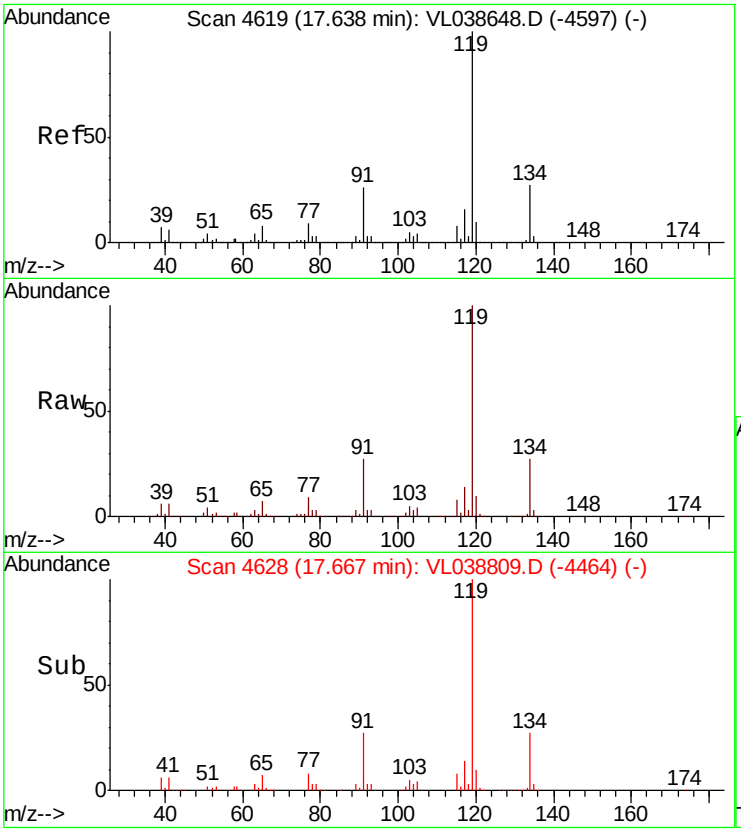


#68
1-Bromo-4-Fluorobenzene
Concen: 7.534 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 95 Resp: 1520866

Ion	Ratio	Lower	Upper
95	100		
174	74.7	56.1	84.1
175	5.6	4.2	6.2



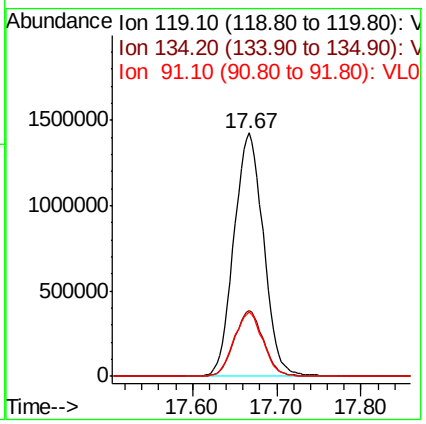


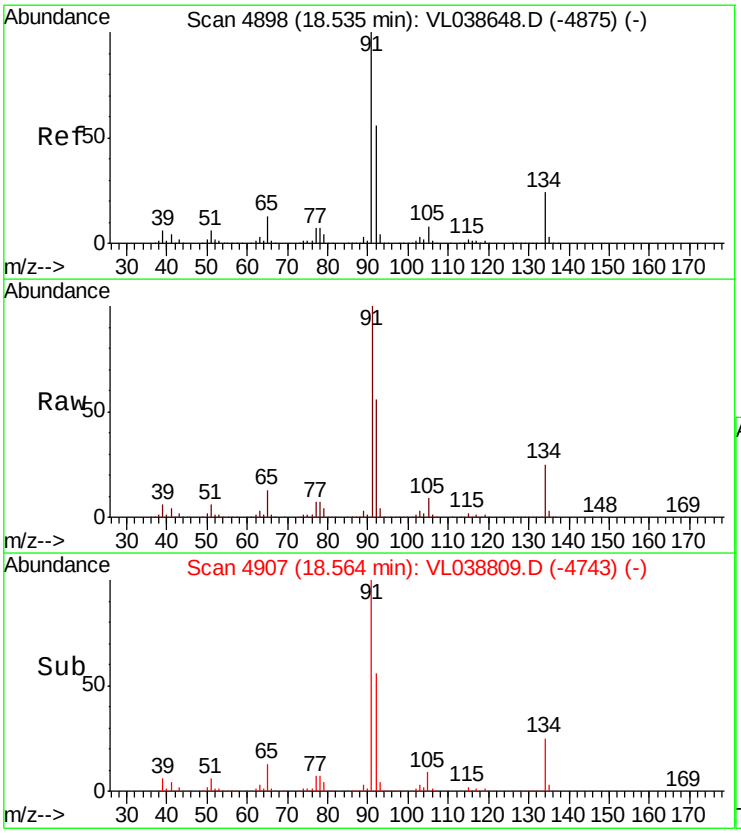
#69
p-Isopropyltoluene
Concen: 8.652 ppbv
RT: 17.67
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 3487145

Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.2	31.8
91	26.0	21.4	32.2

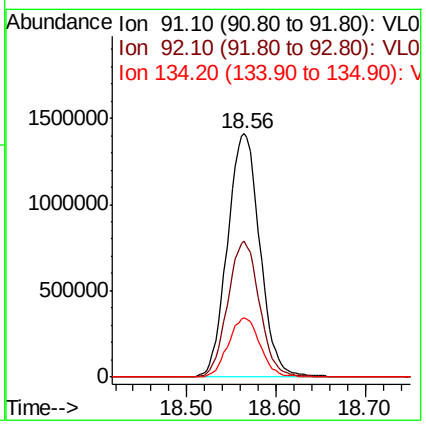


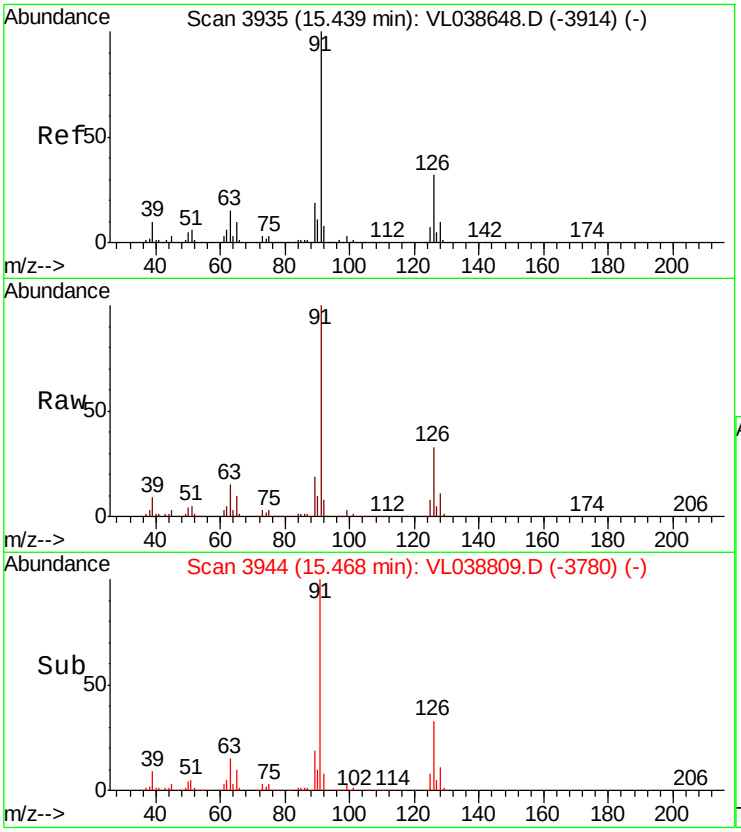


#70
n-Butylbenzene
Concen: 8.528 ppbv
RT: 18.56 min Scan# 4907
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion: 91 Resp: 3545627

Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.9	65.9
134	24.2	18.7	28.1



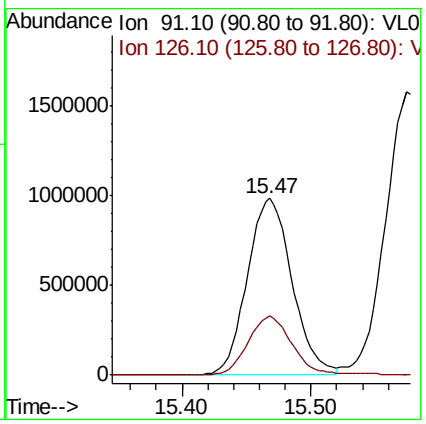


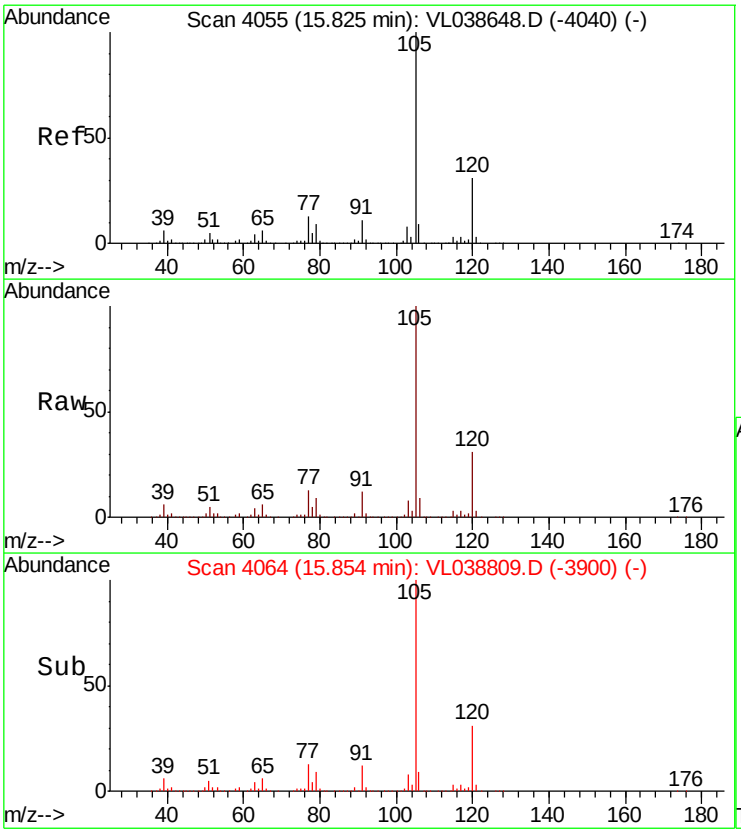
#71
2-Chlorotoluene
Concen: 8.341 ppbv
RT: 15.47
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2379262

Ion	Ratio	Lower	Upper
91	100		
126	33.9	13.1	52.3

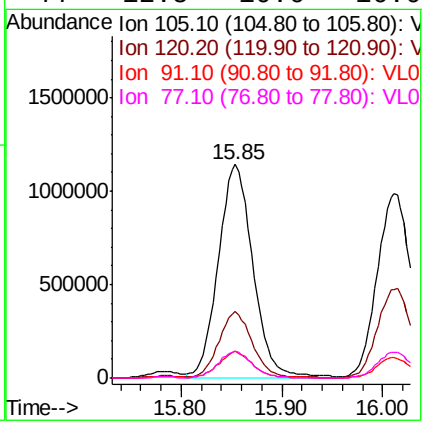


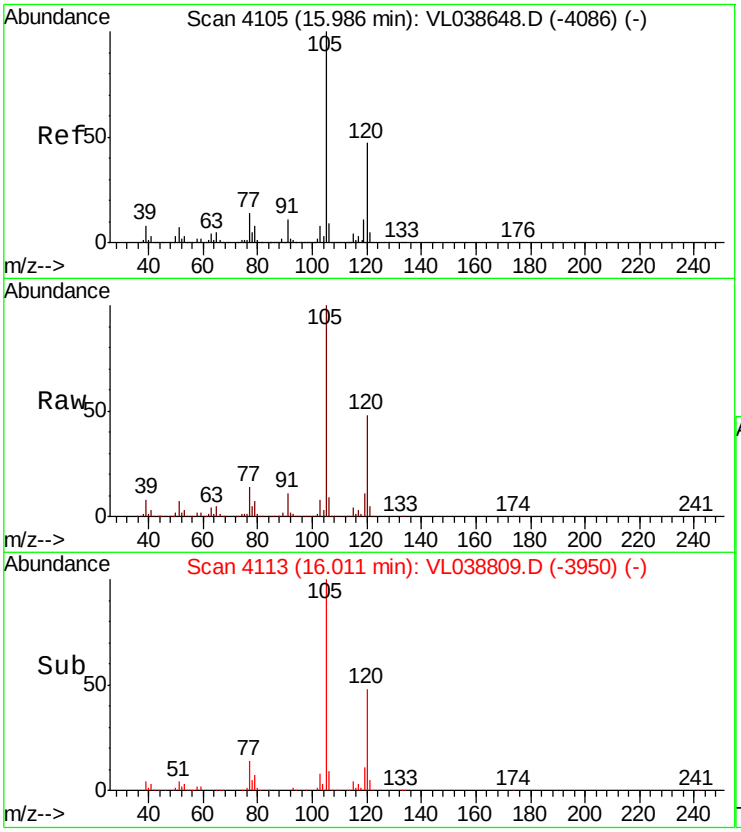


#72
4-Ethyltoluene
Concen: 9.087 ppbv
RT: 15.85 min Scan# 4064
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:105 Resp: 2742227

Ion	Ratio	Lower	Upper
105	100		
120	30.4	24.9	37.3
91	11.6	9.8	14.6
77	12.5	10.6	16.0



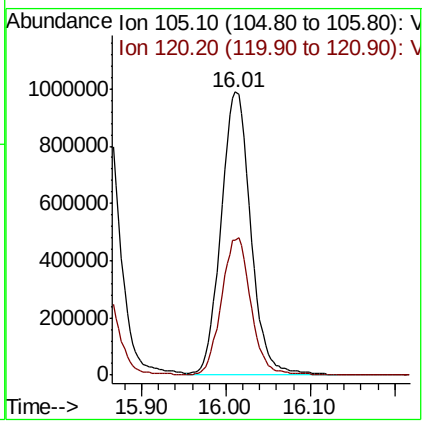


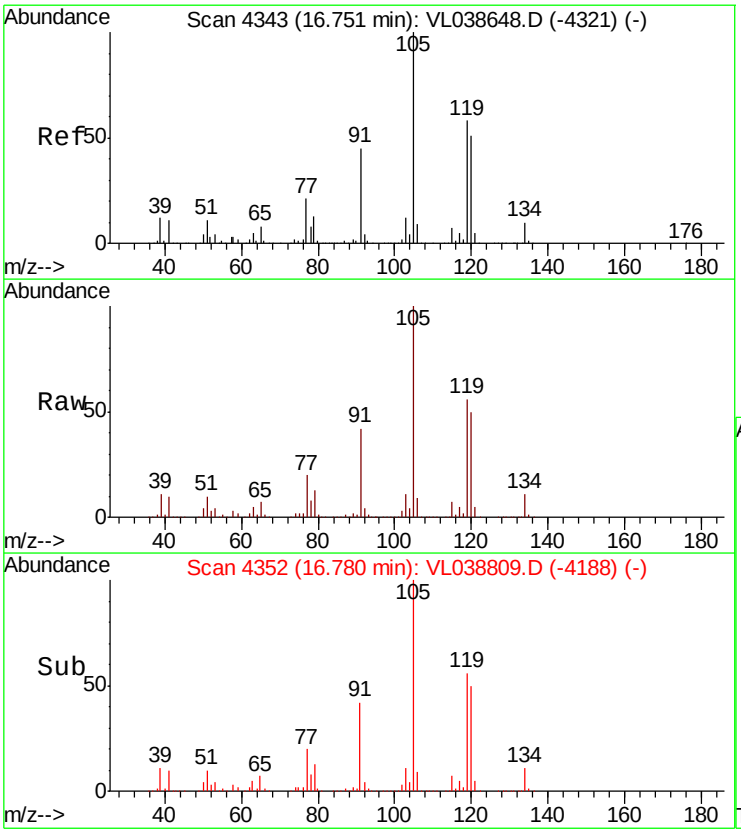
#73
1,3,5-Trimethylbenzene
Concen: 8.751 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 2406328

Ion	Ratio	Lower	Upper
105	100		
120	47.7	37.6	56.4

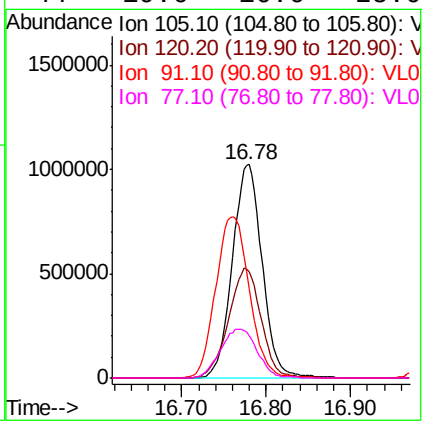


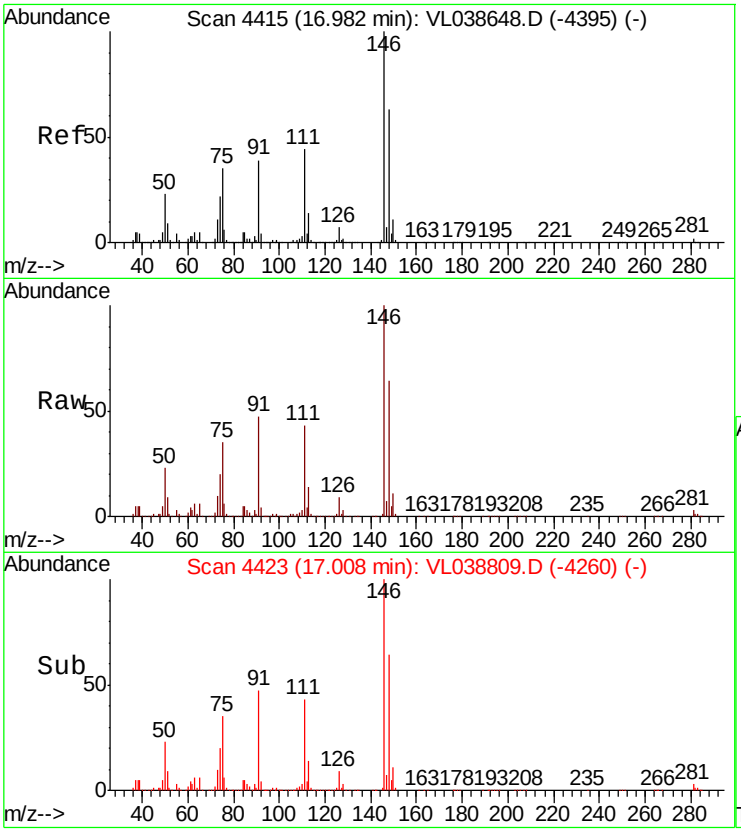


#74
1,2,4-Trimethylbenzene
Concen: 8.383 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:105 Resp: 2510971

Ion	Ratio	Lower	Upper
105	100		
120	49.6	40.5	60.7
91	42.1	35.9	53.9
77	19.6	16.6	25.0



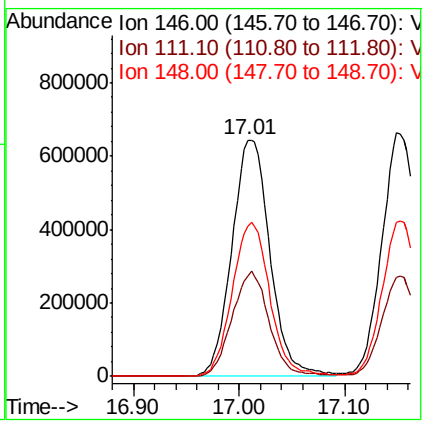


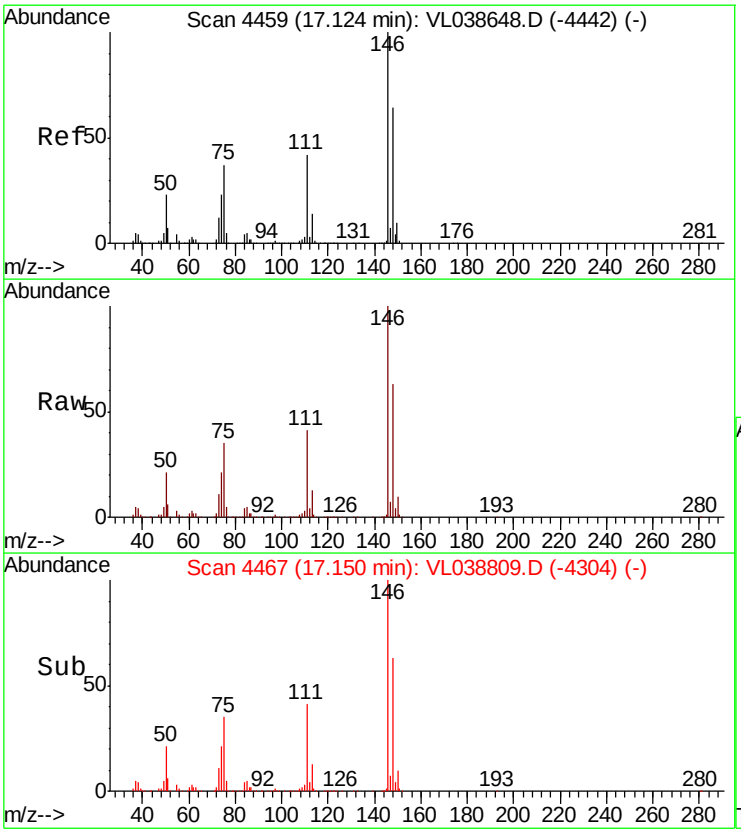
#75
1,3-Dichlorobenzene
Concen: 8.494 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 1620542

Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.2	66.6
148	64.3	32.5	97.5

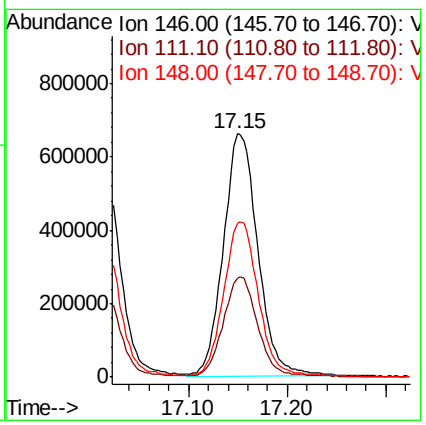


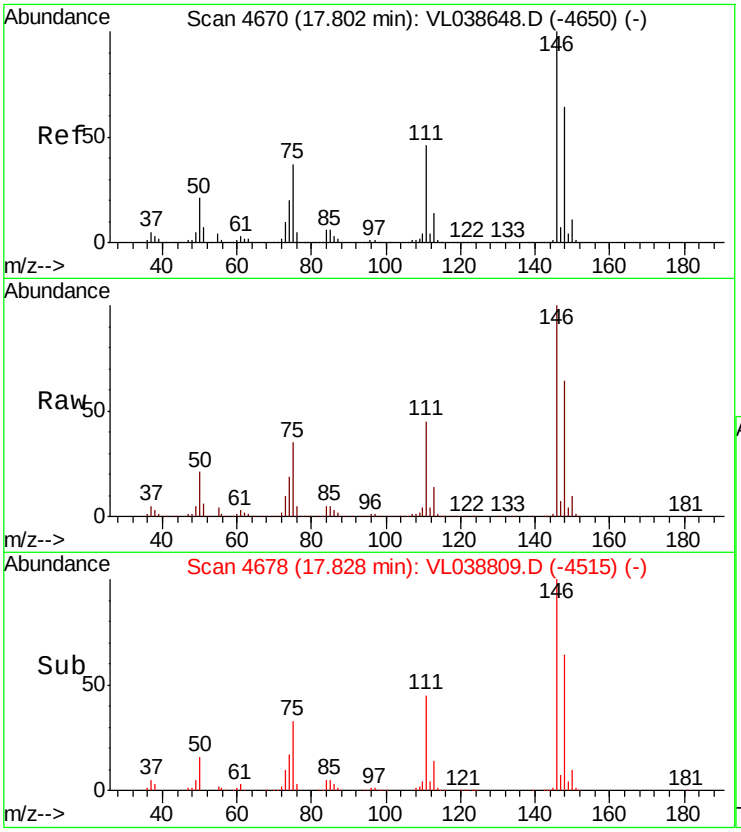


#76
1,4-Dichlorobenzene
Concen: 8.442 ppbv
RT: 17.15 min Scan# 4467
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:146 Resp: 1601767

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.2
148	65.4	32.1	96.3



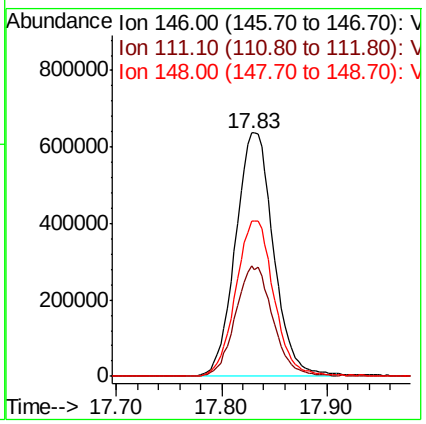


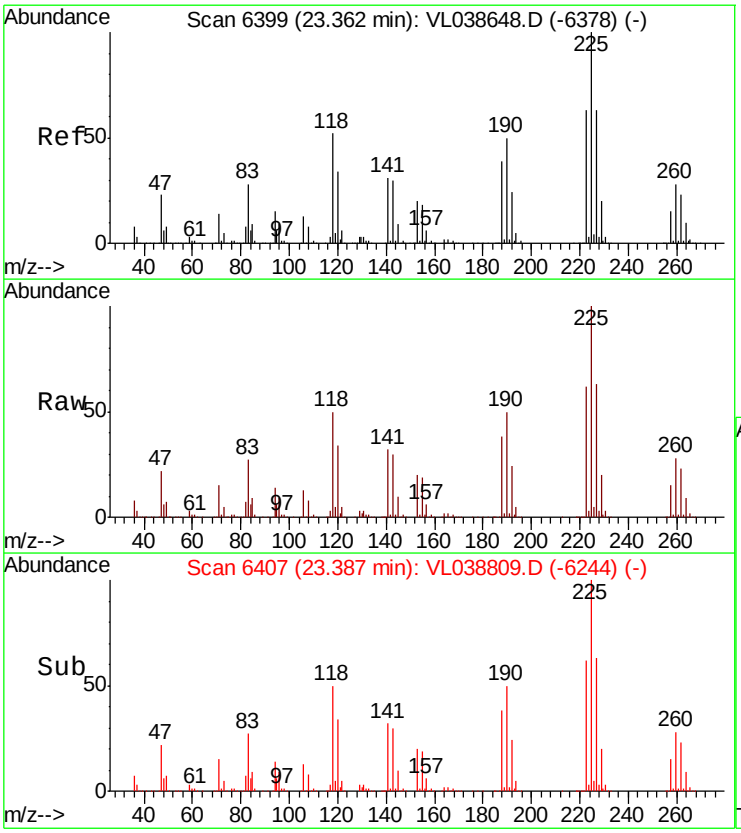
#77
1,2-Dichlorobenzene
Concen: 8.425 ppbv
RT: 17.83
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 1592210

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.8	68.4
148	64.2	32.5	97.4

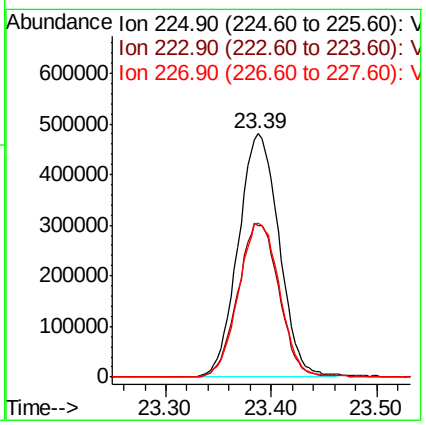


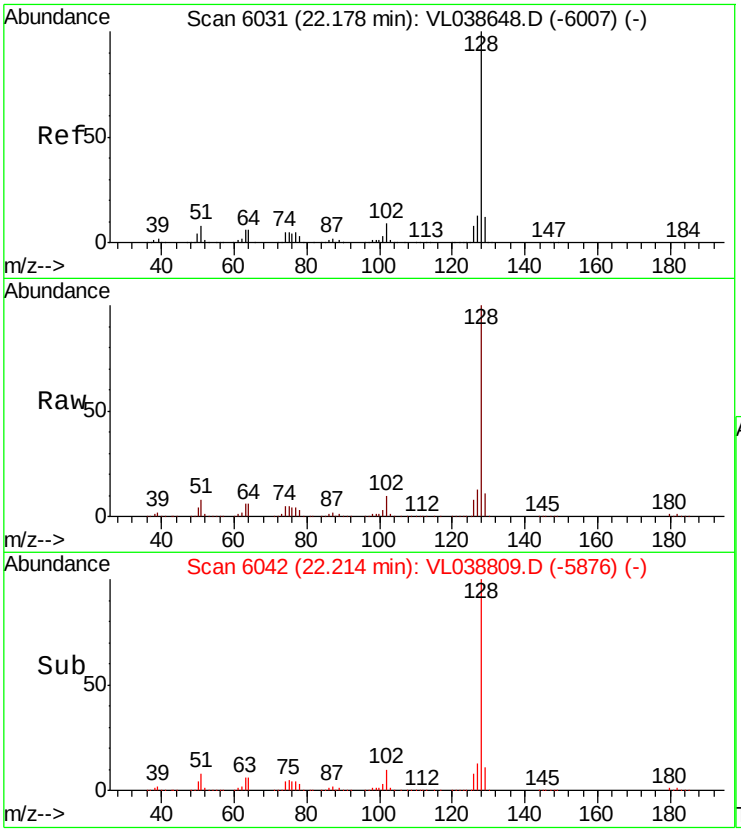


#78
Hexachloro-1,3-Butadiene
Concen: 7.417 ppbv
RT: 23.39 min Scan# 6407
Delta R.T. 0.03 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:225 Resp: 1295681

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	64.3	51.5	77.3



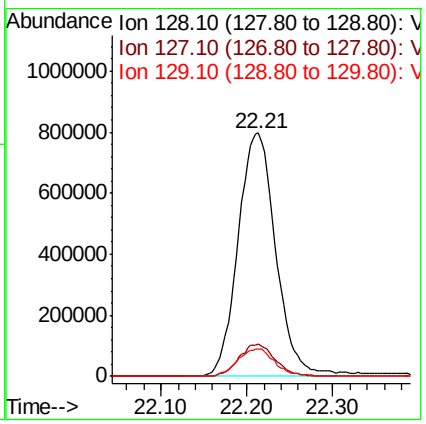


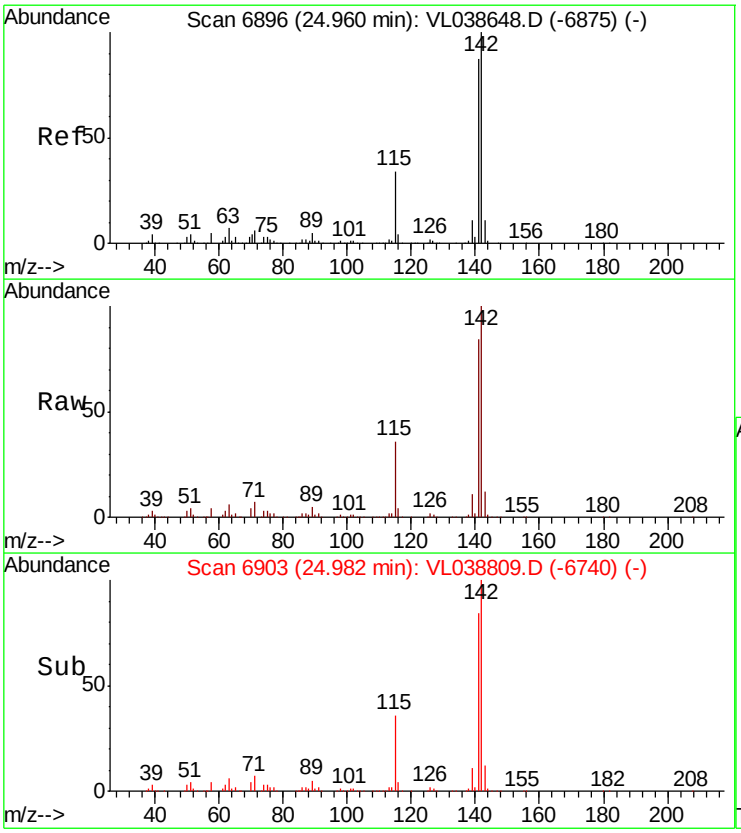
#79
Naphthalene
Concen: 10.599 ppbv
RT: 22.21
Delta R.T
Lab File:
Acq: 31 Mar 2022 9:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 2425443

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.4	9.2	13.8

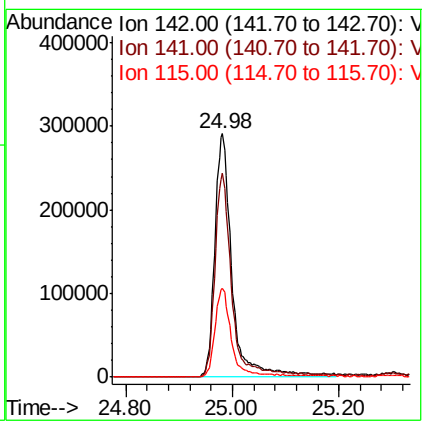


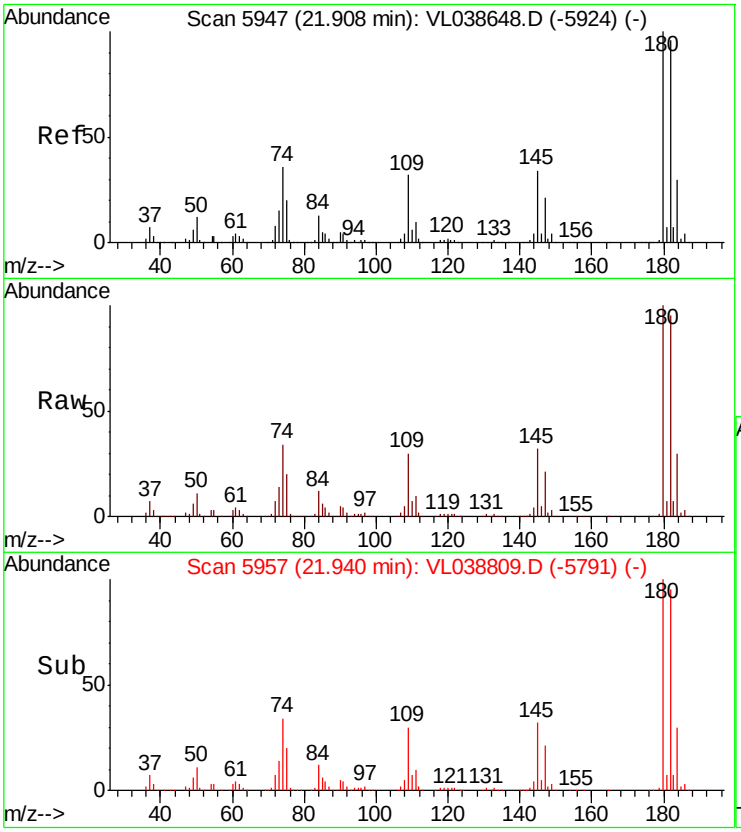


#80
Naphthalene,2-methyl-
Concen: 10.802 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. 0.02 min
Lab File: VL038809.D
Acq: 31 Mar 2022 9:44

Tgt Ion:142 Resp: 662856

Ion	Ratio	Lower	Upper
142	100		
141	80.2	66.4	99.6
115	34.8	27.8	41.6





#81
1,2,4-Trichlorobenzene
Concen: 9.038 ppbv
RT: 21.94
Delta R.T
Lab File:
Acq: 31 Mar 2022 9.44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 1415913

Ion	Ratio	Lower	Upper
180	100		
182	98.7	79.2	118.8
184	31.5	24.8	37.2