Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
Data File : VL038299.D
Acq On : 27 Jan 2022 16:32
Operator : SY/AP
Sample : VL0127ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0127ABS01

Quant Time: Jan 28 05:13:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	779765	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2148442	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2396928	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1481725	8.14	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1411671	8.504	ppbv	99
3) Chlorodifluoromethane	2.98	51	1526460	9.833	ppbv	100
4) Chloromethane	3.13	50	499458	9.352	ppbv	98
5) Vinyl Chloride	3.25	62	519782	9.752	ppbv	98
6) Bromomethane	3.47	94	296352	10.284	ppbv	99
7) Chloroethane	3.55	64	175964	9.774	ppbv	90
8) Dichlorotetrafluoroethane	3.18	85	1294659	10.079	ppbv	98
9) Propene	3.01	41	503511	9.964	ppbv	100
10) Heptane	8.10	43	1295520	9.965	ppbv	100
11) Trichlorofluoromethane	3.94	101	1285501	9.941	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	929531	9.509	ppbv	97
13) Ethanol	3.59	45	49474	9.120	ppbv	88
14) Bromoethene	3.73	108	379382	9.932	ppbv	97
15) Acetone	3.84	43	623207	9.066	ppbv	100
16) 1,3-Butadiene	3.32	39	493790	10.011	ppbv	100
17) tert-Butyl alcohol	4.27	59	723408	9.589	ppbv	98
18) 1,1-Dichloroethene	4.28	96	409464	9.633	ppbv	98
19) Isopropyl Alcohol	3.95	45	408582	9.502	ppbv	99
20) Methylene Chloride	4.33	84	331494	8.292	ppbv	96
21) Allyl Chloride	4.40	41	620436	10.201	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	436477	9.938	ppbv	99
23) Vinyl Acetate	5.06	43	986006	9.866	ppbv	99
24) 1,1-Dichloroethane	5.00	63	874516	9.822	ppbv	99
25) Ethyl Acetate	5.66	43	1974061	10.257	ppbv	100
26) Hexane	5.67	57	897364	10.025	ppbv	99
27) Carbon Disulfide	4.54	76	1067897	10.197	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	909801	9.797	ppbv	98
29) Chloroform	5.74	83	1480307	10.131	ppbv	99
30) Cyclohexane	7.11	84	770313	9.883	ppbv	97
31) cis-1,2-Dichloroethene	5.53	61	724176	9.274	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	1468785	10.064	ppbv	99
34) 2-Butanone	5.23	43	678148	9.652	ppbv	100
35) Carbon Tetrachloride	7.00	117	1530321	10.148	ppbv	95
36) Benzene	6.87	78	1935417	10.184	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1136753	10.443	ppbv	99
38) Trichloroethene	7.82	130	691971	9.775	ppbv	96
39) 1,2-Dichloropropane	7.59	63	775345	10.063	ppbv	98
40) 1,4-Dioxane	7.81	88	186633	10.064	ppbv	80
41) Tetrahydrofuran	6.03	42	487070	10.313	ppbv	99
42) Bromodichloromethane	7.77	83	1671863	10.353	ppbv	99
43) Methyl Methacrylate	7.99	69	723187	10.759	ppbv	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
Data File : VL038299.D
Acq On : 27 Jan 2022 16:32
Operator : SY/AP
Sample : VL0127ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0127ABS01

Quant Time: Jan 28 05:13:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3260844	9.737	ppbv		99
45) t-1,3-Dichloropropene	9.25	75	649942	11.901	ppbv		100
46) cis-1,3-Dichloropropene	8.68	75	804607	11.042	ppbv		98
47) 1,1,2-Trichloroethane	9.45	97	769691	10.167	ppbv		98
48) Dibromochloromethane	10.28	129	1323831	10.387	ppbv		98
49) Bromoform	13.01	173	995361	10.833	ppbv		98
50) 4-Methyl-2-Pentanone	8.72	43	1327038	10.588	ppbv		98
51) 2-Hexanone	10.11	43	586228	10.620	ppbv	#	99
52) Tetrachloroethene	11.20	164	625569	9.551	ppbv		98
53) Toluene	9.78	91	2184484	10.385	ppbv		99
54) 1,2-Dibromoethane	10.59	107	1137345	10.567	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.10	131	853389	8.134	ppbv		97
57) Chlorobenzene	12.12	112	1548836	8.075	ppbv		99
58) Ethyl Benzene	12.68	91	2898232	8.227	ppbv		99
59) m/p-Xylene	12.97	91	2656702	8.840	ppbv	#	43
60) o-Xylene	13.67	91	2315310	8.283	ppbv		100
61) Styrene	13.50	104	1200496	9.203	ppbv		99
62) Isopropylbenzene	14.64	105	3079372	8.263	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.65	83	1705742	8.247	ppbv		100
64) n-propylbenzene	15.53	120	790195	8.815	ppbv		98
65) tert-Butylbenzene	16.72	119	1367006	4.454	ppbv	#	20
66) Benzyl Chloride	16.96	91	143673	10.305	ppbv		98
67) sec-Butylbenzene	17.27	105	3736269	8.751	ppbv		100
69) p-Isopropyltoluene	17.63	119	3005460	9.198	ppbv		99
70) n-Butylbenzene	18.52	91	3019361	9.435	ppbv		100
71) 2-Chlorotoluene	15.42	91	2430543	8.806	ppbv		99
72) 4-Ethyltoluene	15.81	105	2664684	9.116	ppbv		99
73) 1,3,5-Trimethylbenzene	15.97	105	2366356	9.002	ppbv		98
74) 1,2,4-Trimethylbenzene	16.73	105	2456930	8.872	ppbv		96
75) 1,3-Dichlorobenzene	16.97	146	1369858	9.217	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	1328407	9.233	ppbv		99
77) 1,2-Dichlorobenzene	17.79	146	1255000	9.092	ppbv		99
78) Hexachloro-1,3-Butadiene	23.34	225	381861	3.979	ppbv	#	18
79) Naphthalene	22.16	128	1226968	9.476	ppbv		97
80) Naphthalene,2-methyl-	24.95	142	245366	17.425	ppbv		91
81) 1,2,4-Trichlorobenzene	21.89	180	304367	3.997	ppbv	#	12

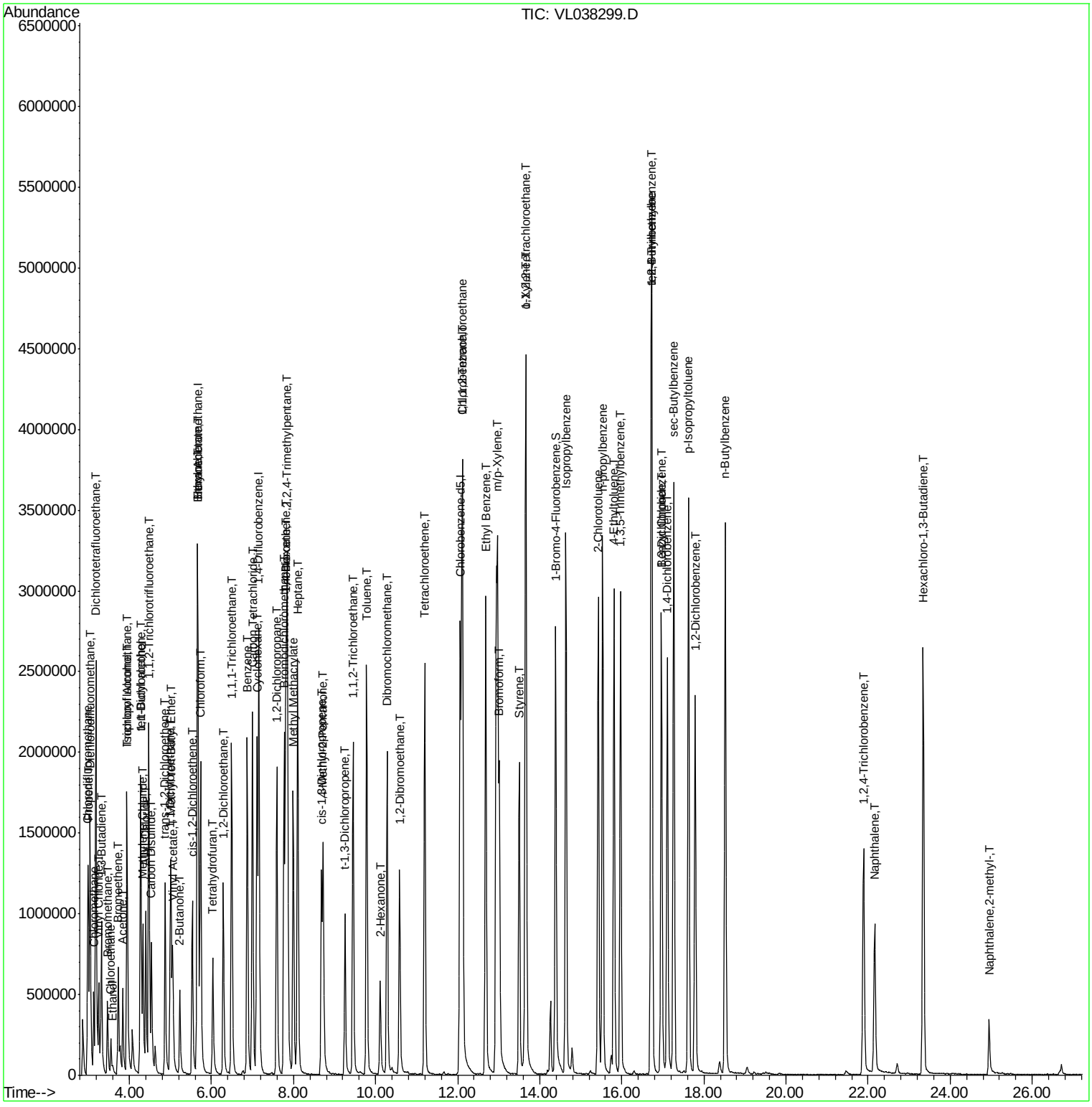
(#) = qualifier out of range (m) = manual integration (+) = signals summed

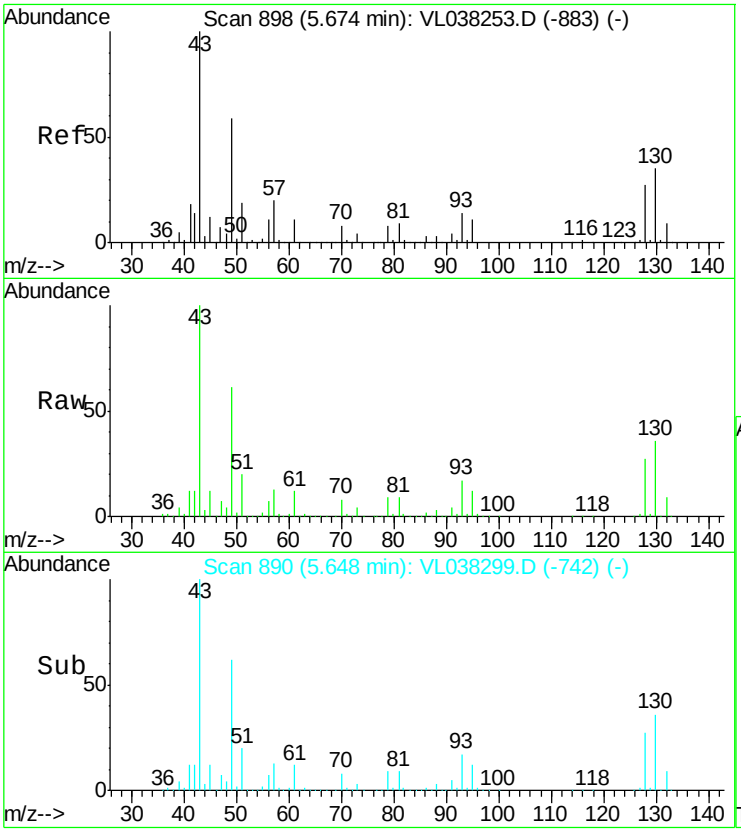
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
Data File : VL038299.D
Acq On : 27 Jan 2022 16:32
Operator : SY/AP
Sample : VL0127ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Quant Time: Jan 28 05:13:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



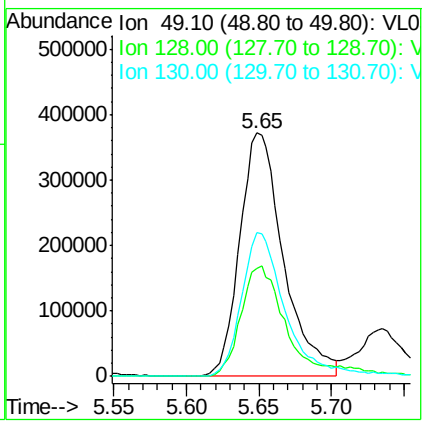


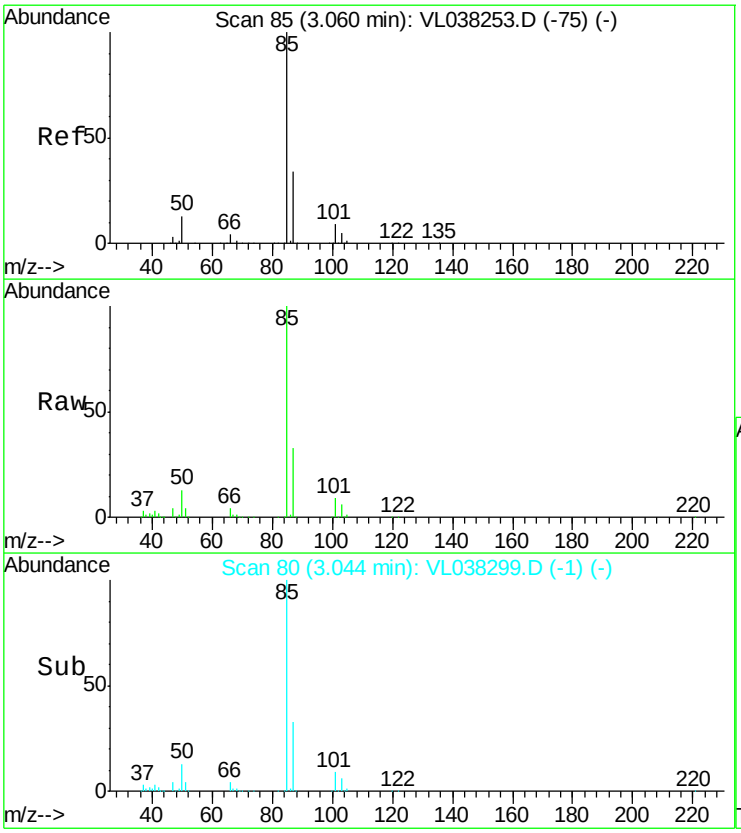
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 49 Resp: 779765

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.5	73.5
130	60.4	30.1	90.5

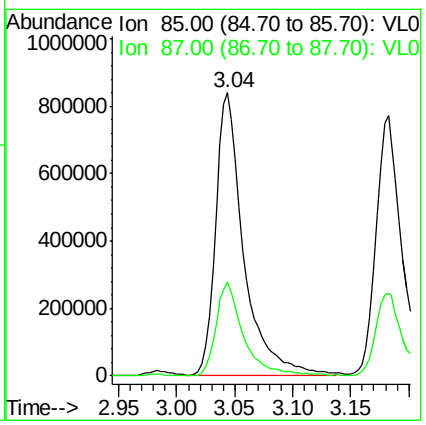


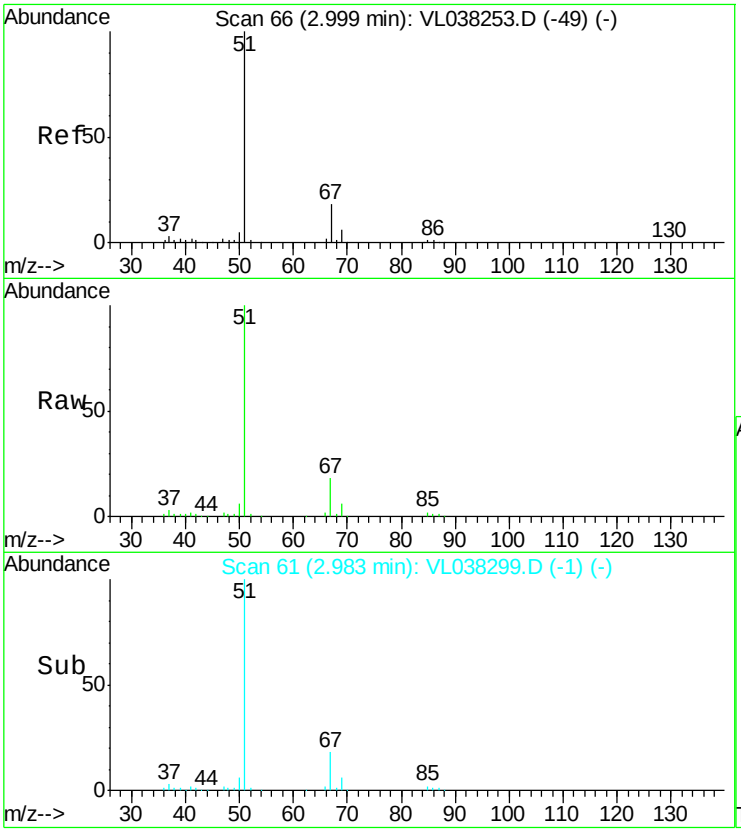


#2
Dichlorodifluoromethane
Concen: 8.504 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 85 Resp: 1411671

Ion	Ratio	Lower	Upper
85	100		
87	33.2	27.0	40.6



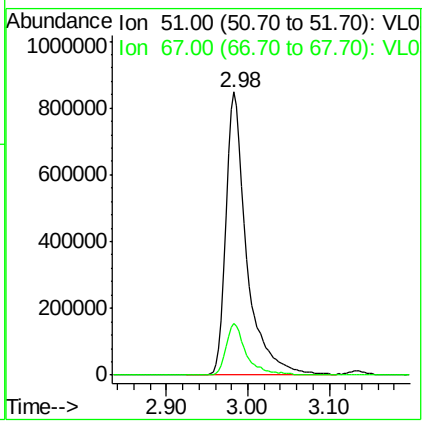


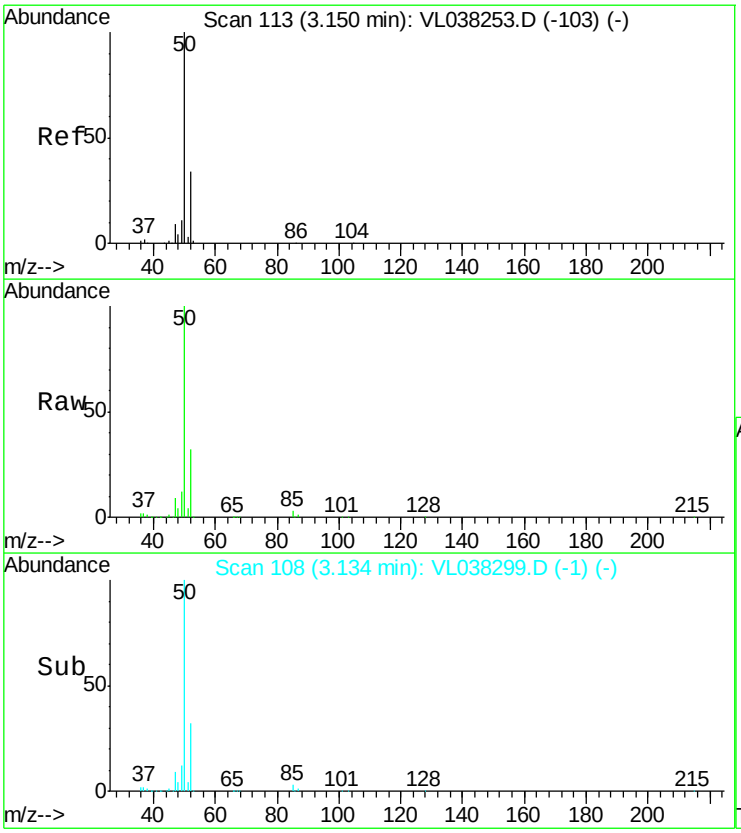
#3
Chlorodifluoromethane
Concen: 9.833 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 51 Resp: 1526460

Ion	Ratio	Lower	Upper
51	100		
67	18.1	14.4	21.6

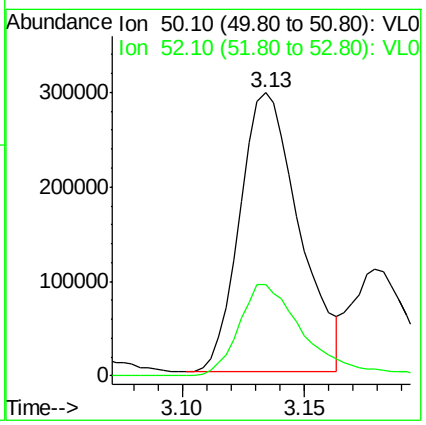


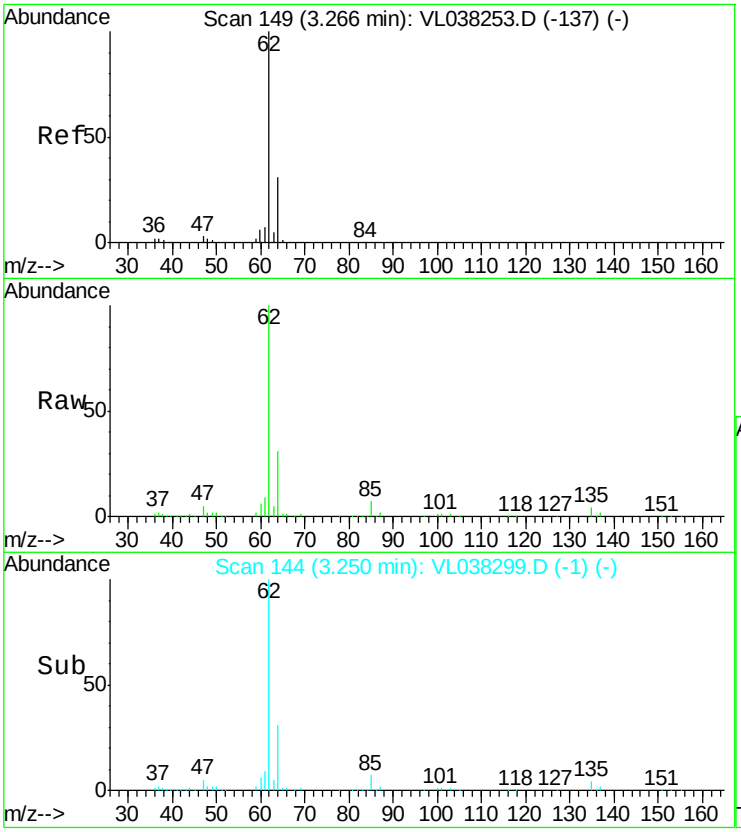


#4
Chloromethane
Concen: 9.352 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 50 Resp: 499458

Ion	Ratio	Lower	Upper
50	100		
52	32.7	27.1	40.7



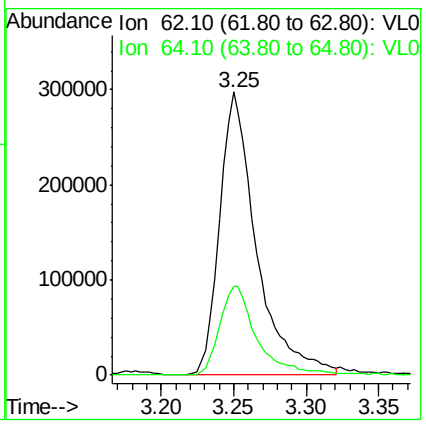


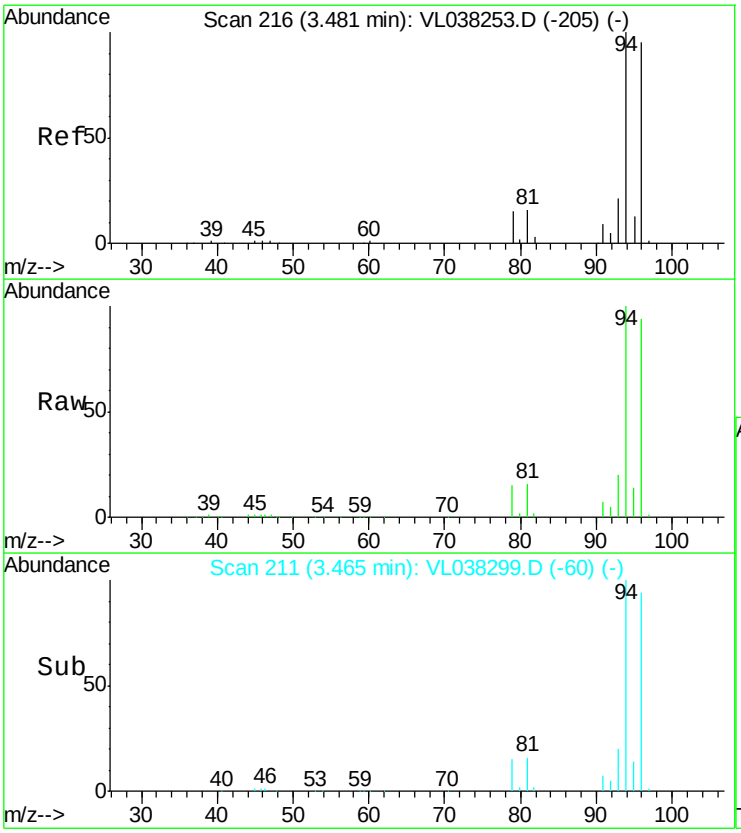
#5
Vinyl Chloride
Concen: 9.752 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 62 Resp: 519782

Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.4	36.6

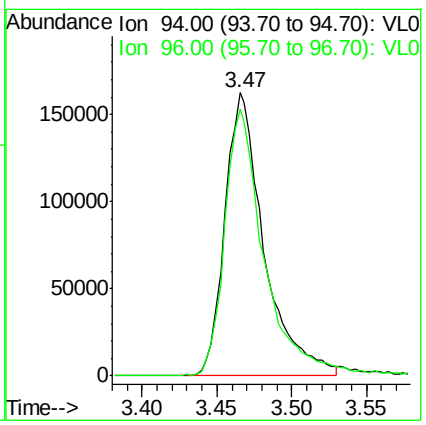


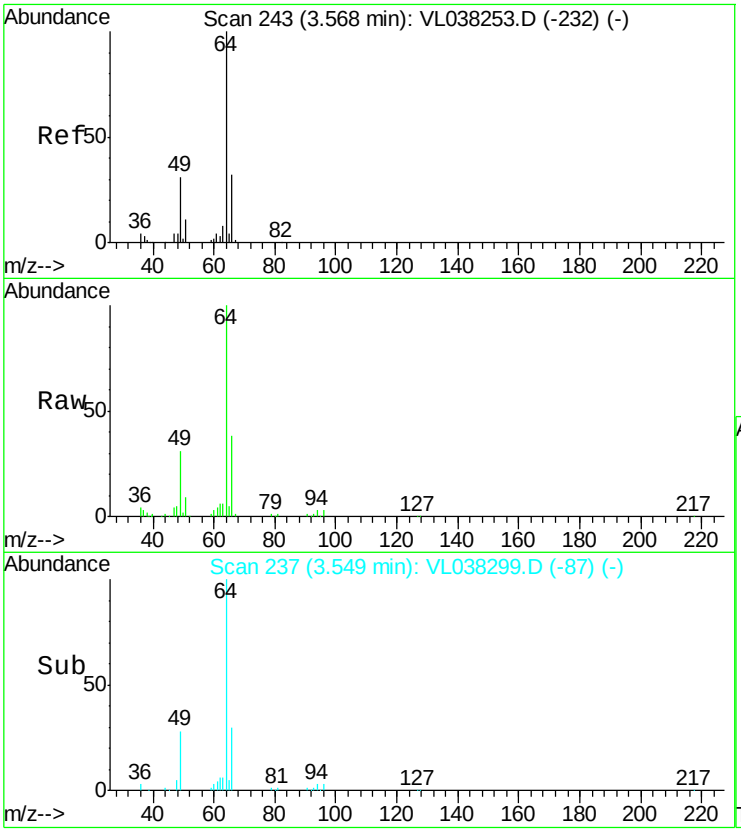


#6
Bromomethane
Concen: 10.284 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 94 Resp: 296352

Ion	Ratio	Lower	Upper
94	100		
96	93.8	76.0	114.0



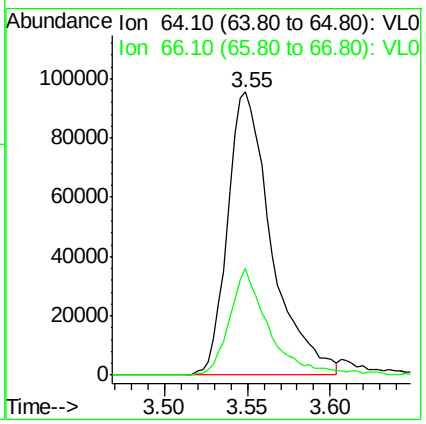


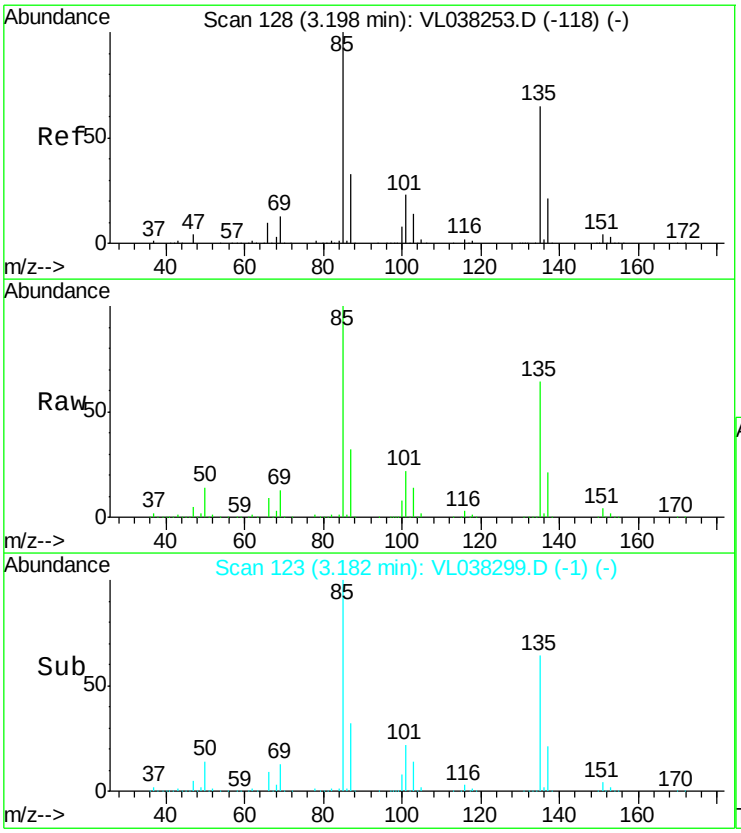
#7
Chloroethane
Concen: 9.774 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 64 Resp: 175964

Ion	Ratio	Lower	Upper
64	100		
66	37.7	25.8	38.6

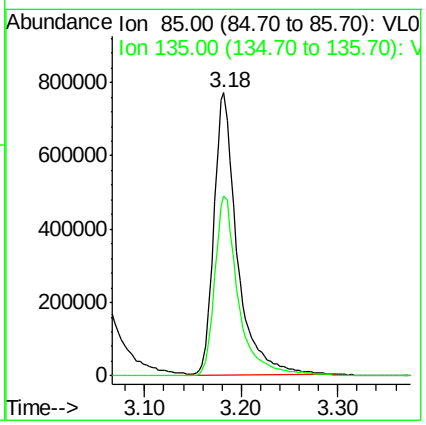


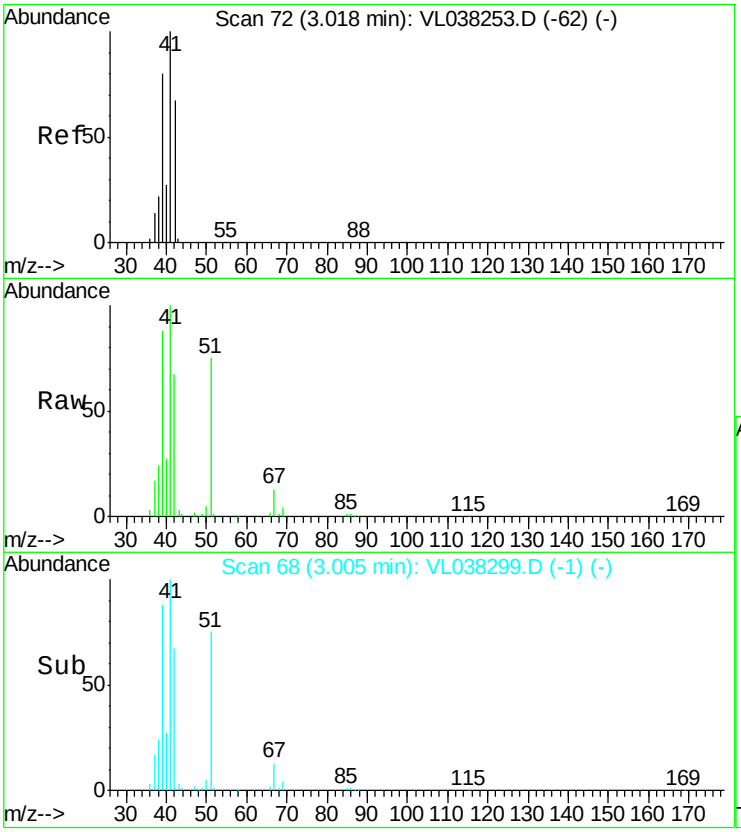


#8
Dichlorotetrafluoroethane
Concen: 10.079 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 85 Resp: 1294659

Ion	Ratio	Lower	Upper
85	100		
135	65.1	53.7	80.5



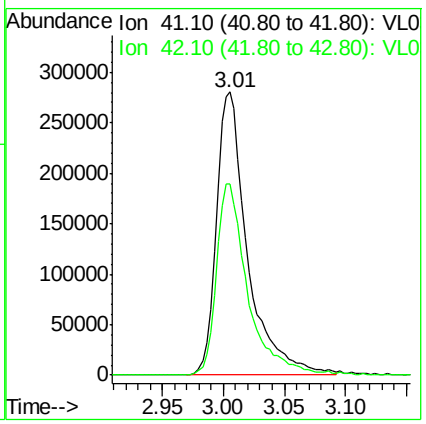


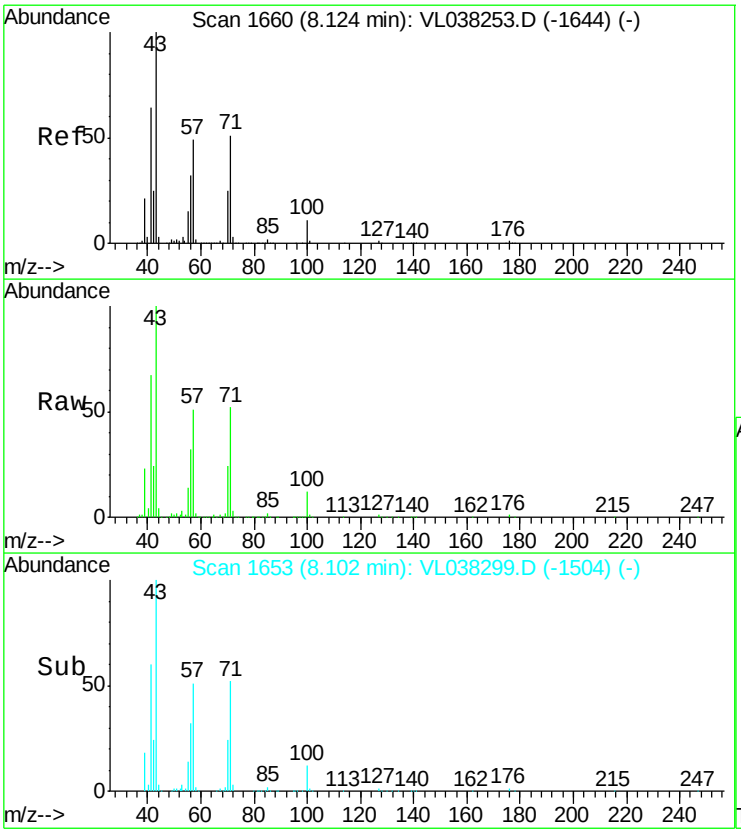
#9
Propene
Concen: 9.964 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 41 Resp: 503511

Ion	Ratio	Lower	Upper
41	100		
42	68.6	54.9	82.3

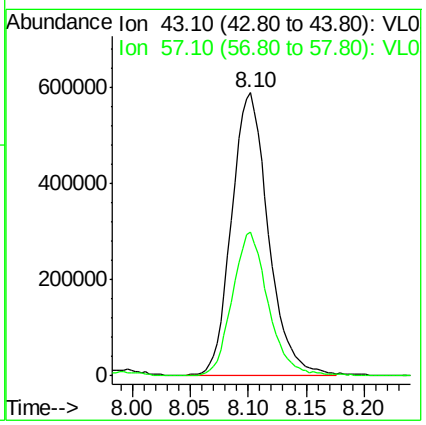


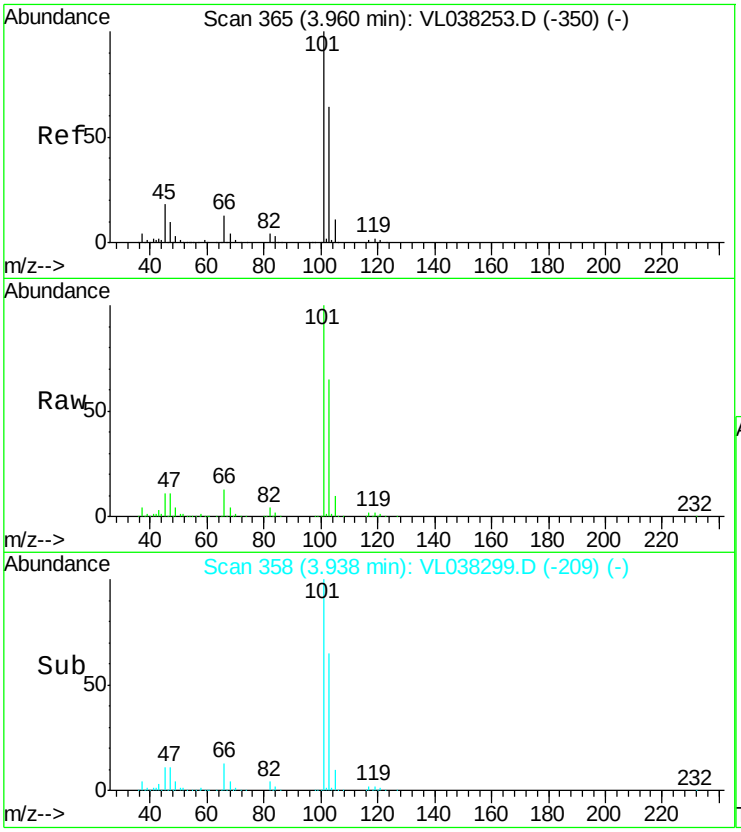


#10
Heptane
Concen: 9.965 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 43 Resp: 1295520

Ion	Ratio	Lower	Upper
43	100		
57	49.3	39.5	59.3



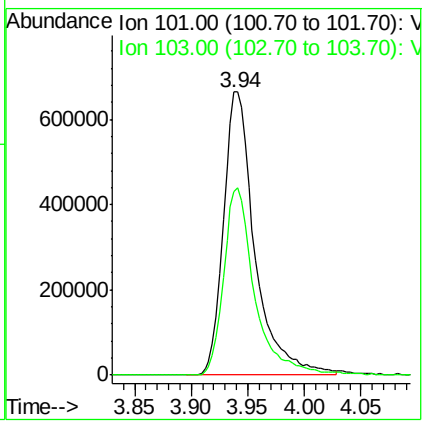


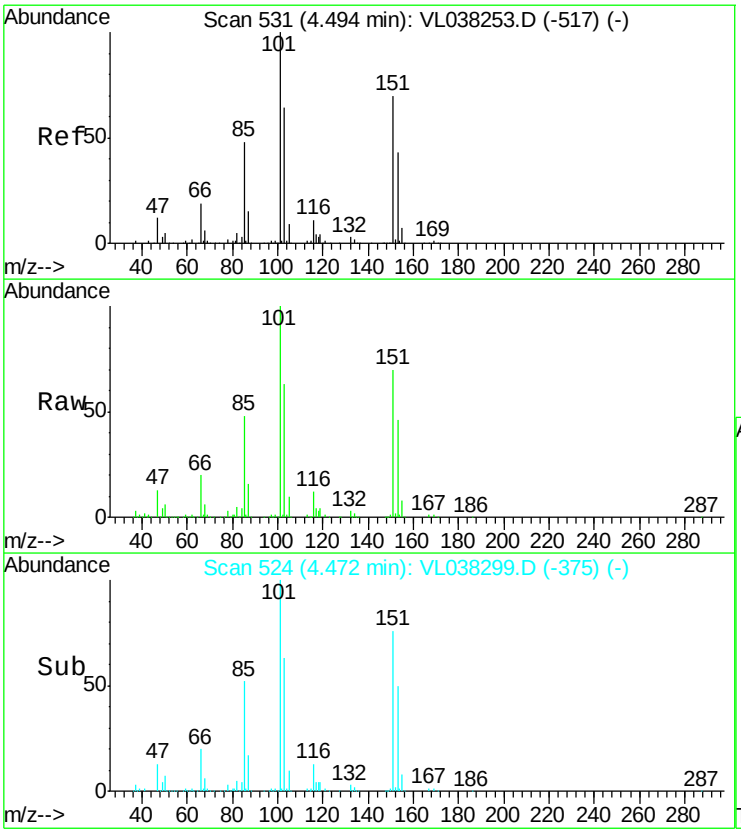
#11
Trichlorofluoromethane
Concen: 9.941 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion:101 Resp: 1285501

Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.2	76.8

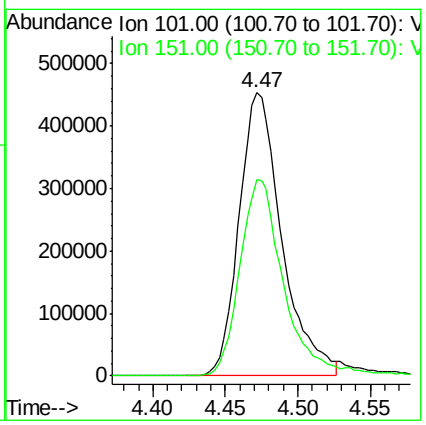


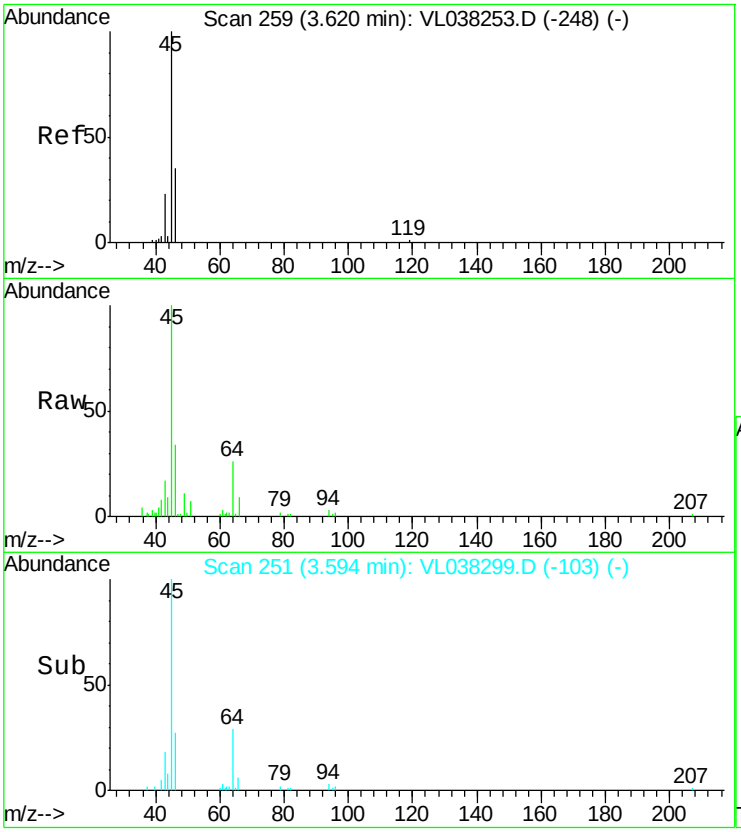


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.509 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:101 Resp: 929531

Ion	Ratio	Lower	Upper
101	100		
151	71.8	55.3	82.9



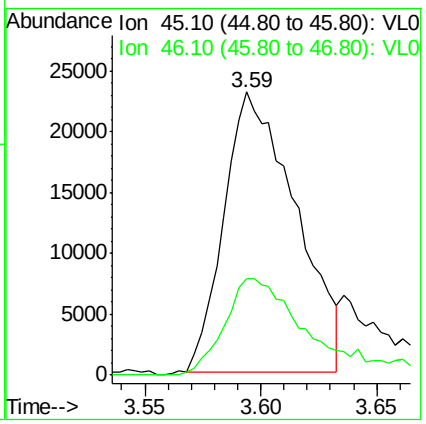


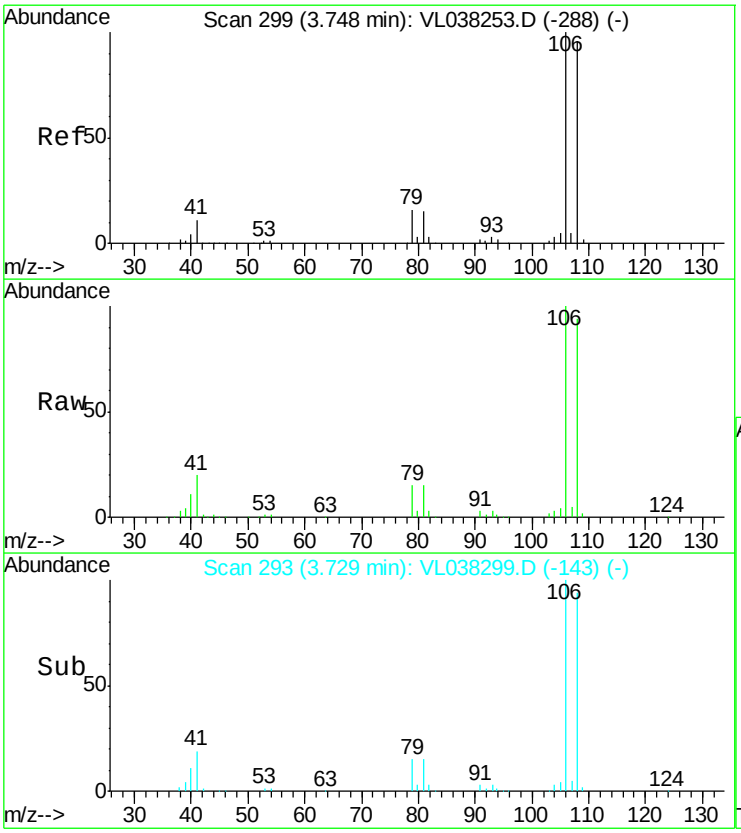
#13
Ethanol
Concen: 9.120 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 45 Resp: 49474

Ion	Ratio	Lower	Upper
45	100		
46	45.8	15.4	61.6

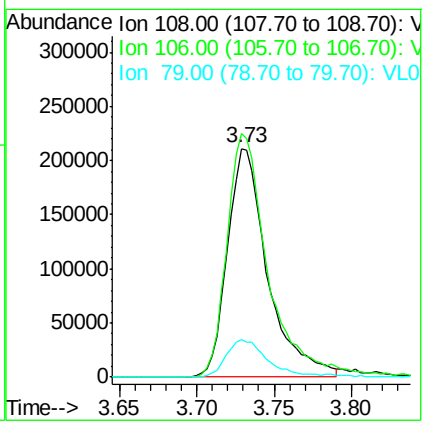


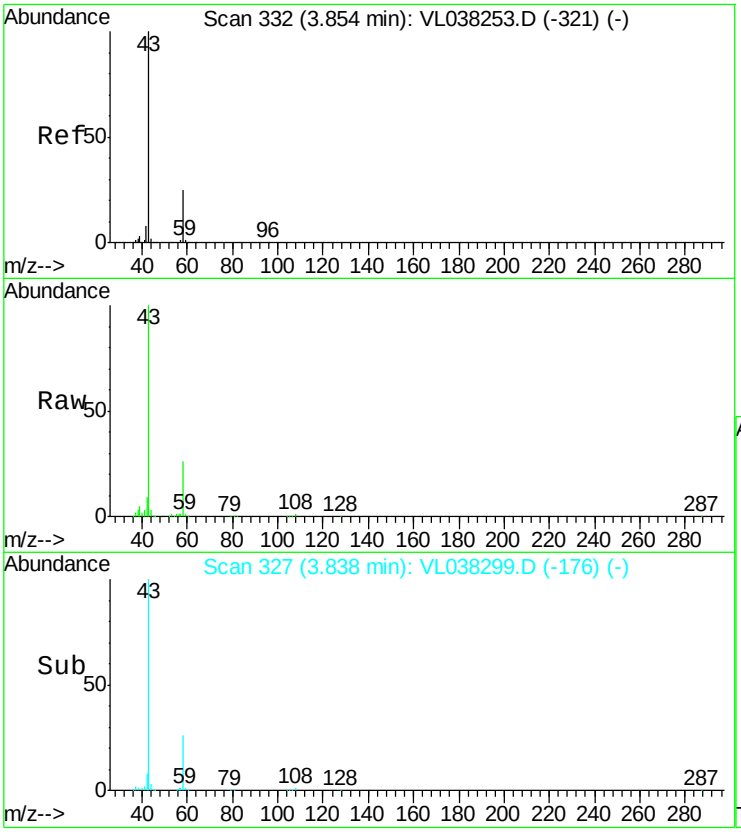


#14
Bromoethene
Concen: 9.932 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:108 Resp: 379382

Ion	Ratio	Lower	Upper
108	100		
106	111.2	86.4	129.6
79	18.1	14.1	21.1



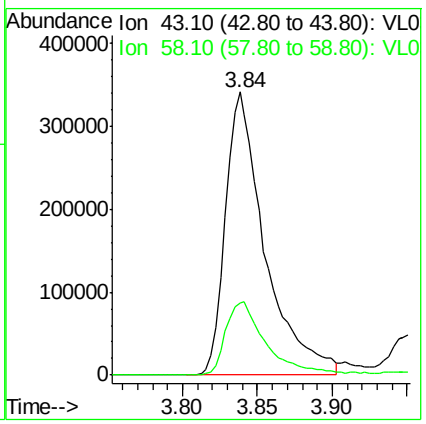


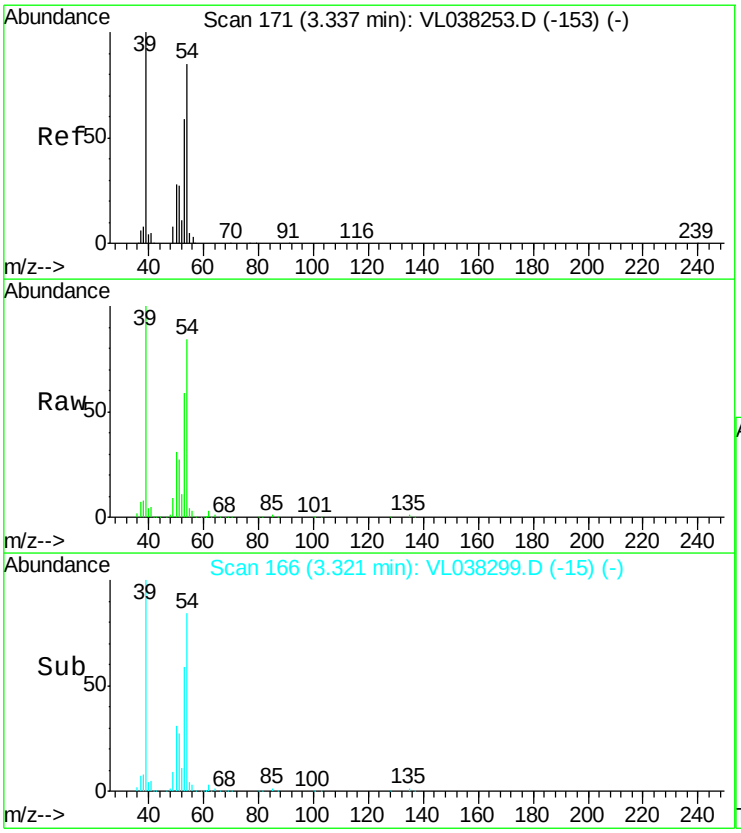
#15
Acetone
Concen: 9.066 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 43 Resp: 623207

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.5	32.3

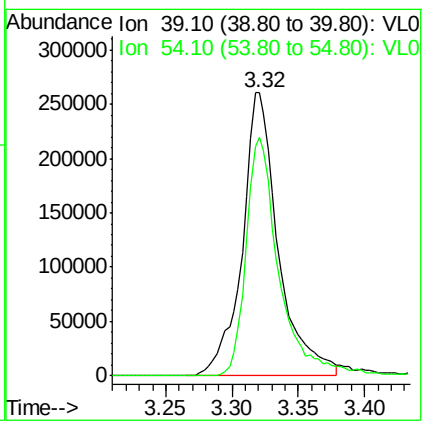


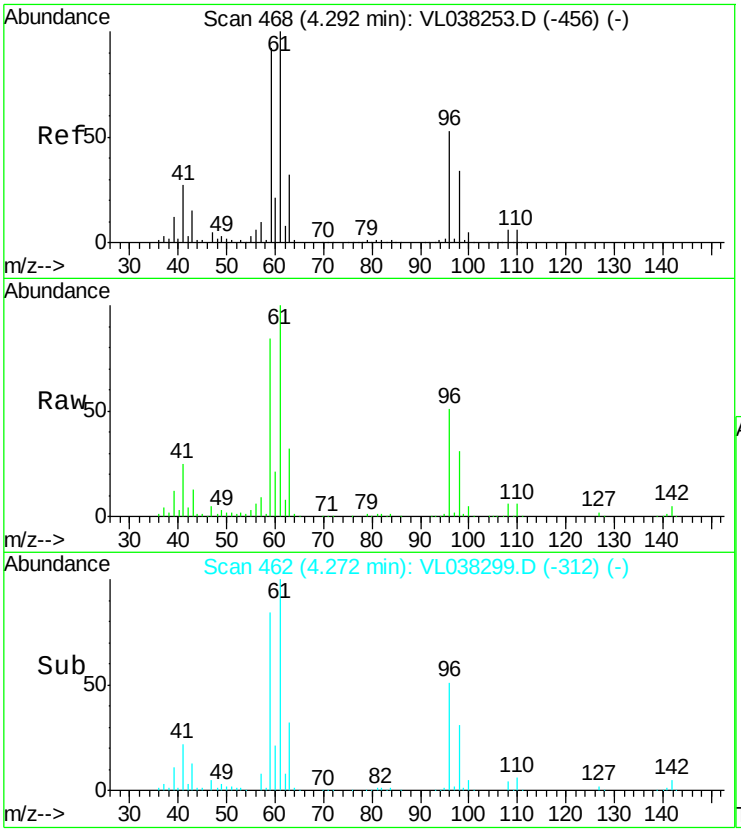


#16
1,3-Butadiene
Concen: 10.011 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 39 Resp: 493790

Ion	Ratio	Lower	Upper
39	100		
54	78.0	62.6	94.0



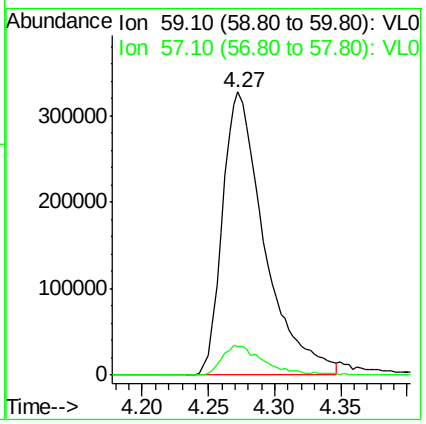


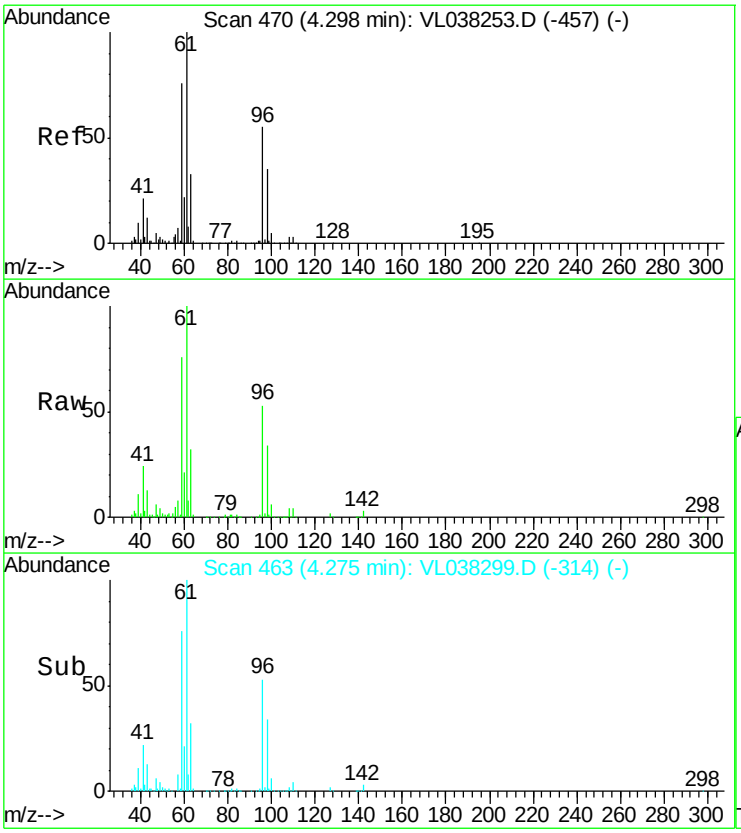
#17
tert-Butyl alcohol
Concen: 9.589 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 59 Resp: 723408

Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.2	13.8

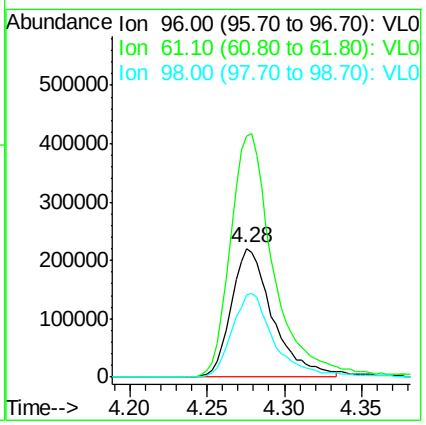


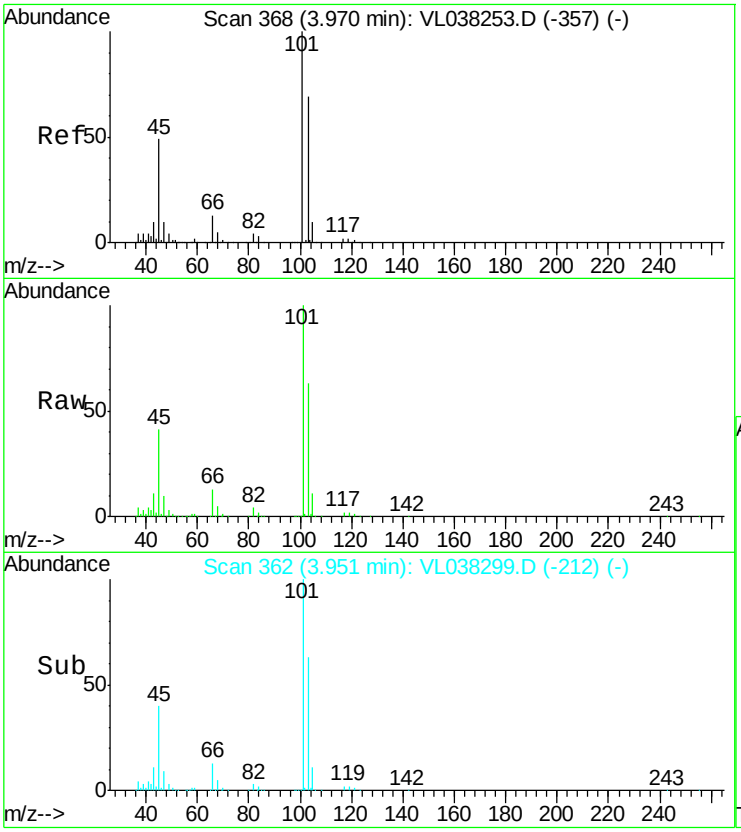


#18
1,1-Dichloroethene
Concen: 9.633 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 96 Resp: 409464

Ion	Ratio	Lower	Upper
96	100		
61	187.0	146.5	219.7
98	63.5	51.9	77.9



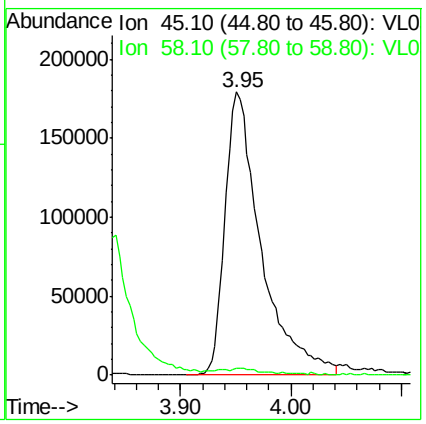


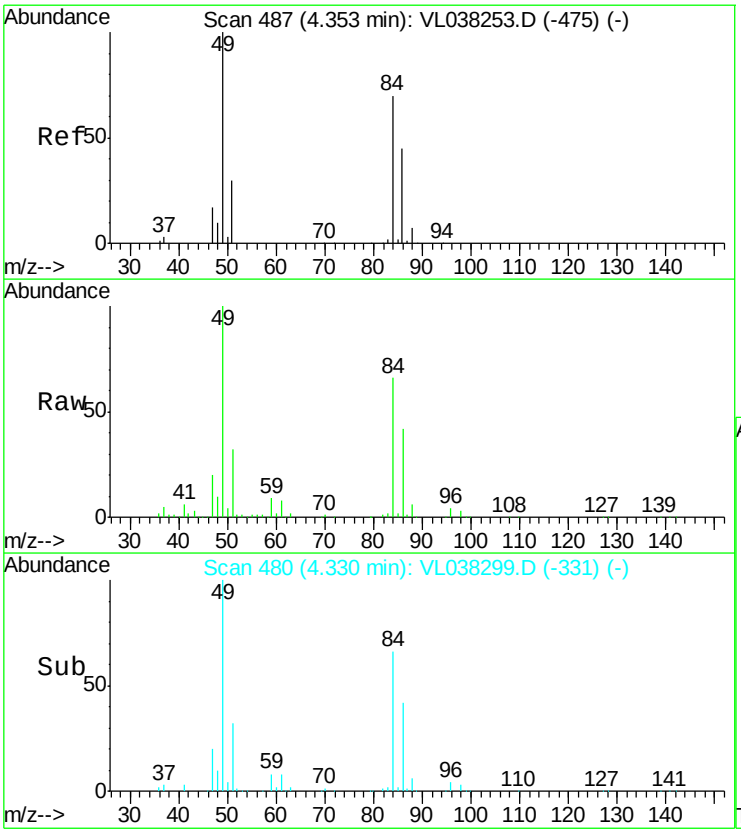
#19
Isopropyl Alcohol
Concen: 9.502 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 45 Resp: 408582

Ion	Ratio	Lower	Upper
45	100		
58	3.3	2.3	3.5

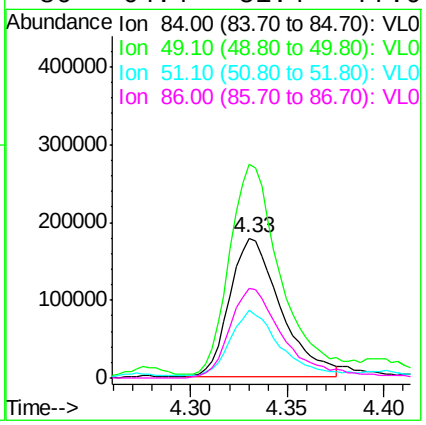


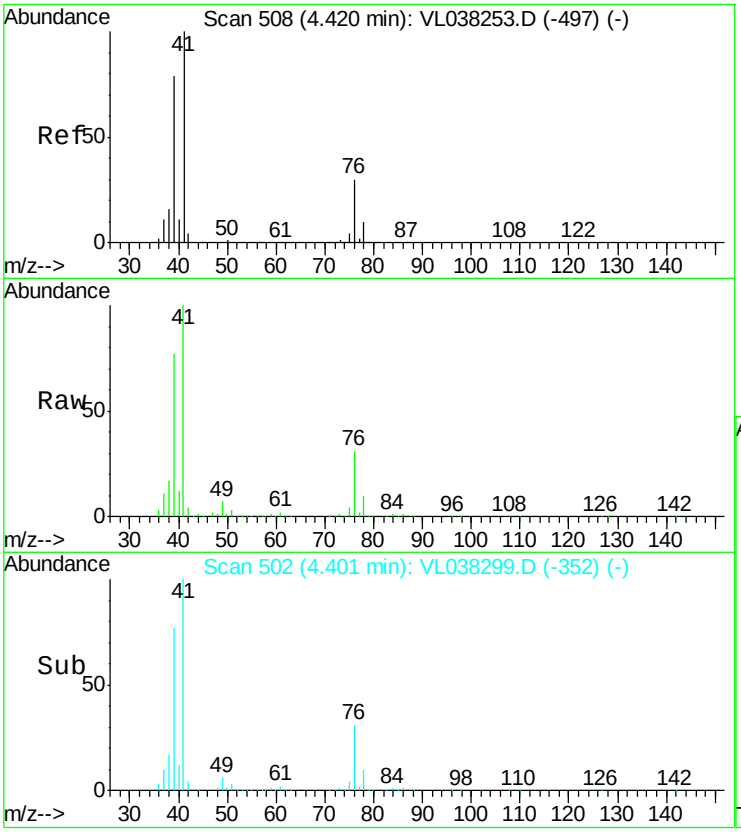


#20
Methylene Chloride
Concen: 8.292 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 84 Resp: 331494

Ion	Ratio	Lower	Upper
84	100		
49	150.7	115.0	172.6
51	47.1	35.0	52.6
86	64.4	51.4	77.0



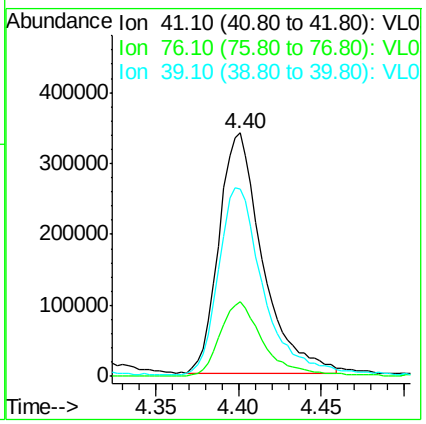


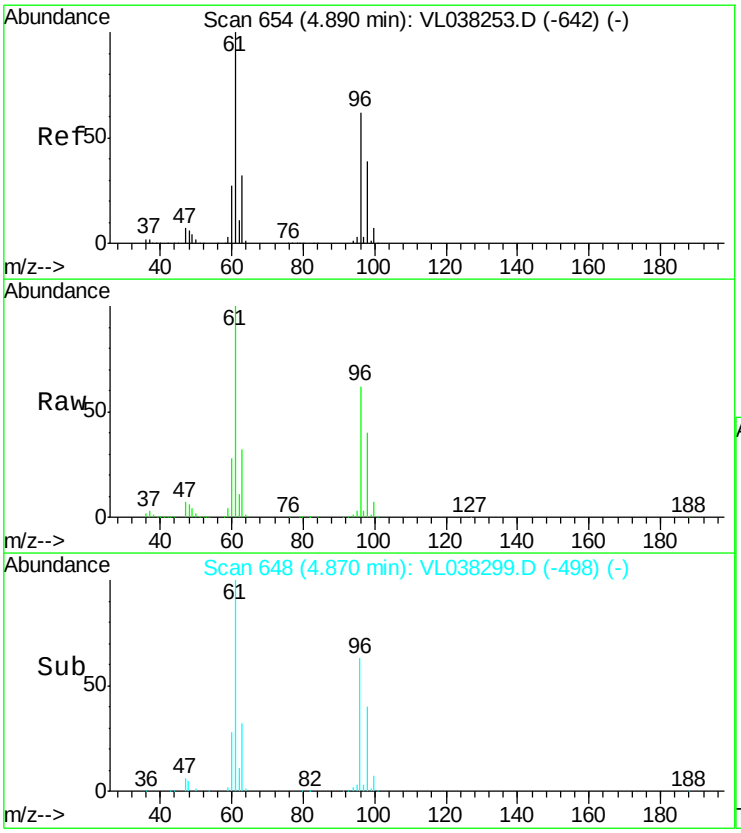
#21
Allyl Chloride
Concen: 10.201 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 41 Resp: 620436

Ion	Ratio	Lower	Upper
41	100		
76	31.4	25.0	37.6
39	81.7	63.0	94.6

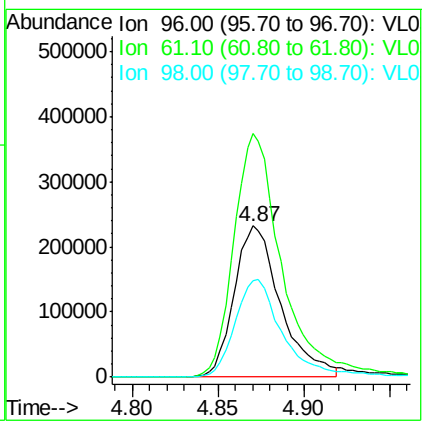


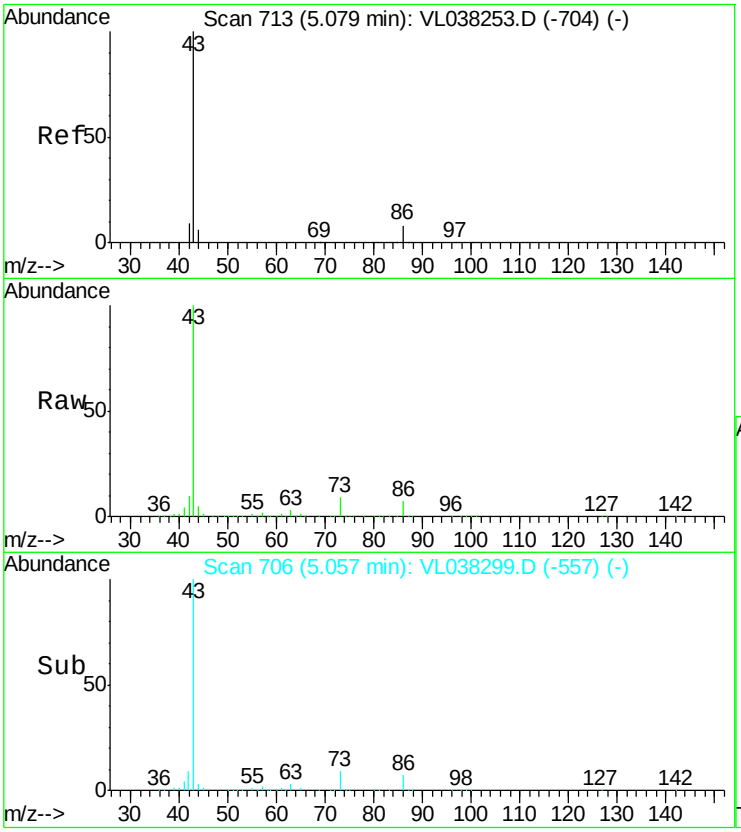


#22
trans-1,2-Dichloroethene
Concen: 9.938 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 96 Resp: 436477

Ion	Ratio	Lower	Upper
96	100		
61	160.9	128.8	193.2
98	64.0	49.8	74.8



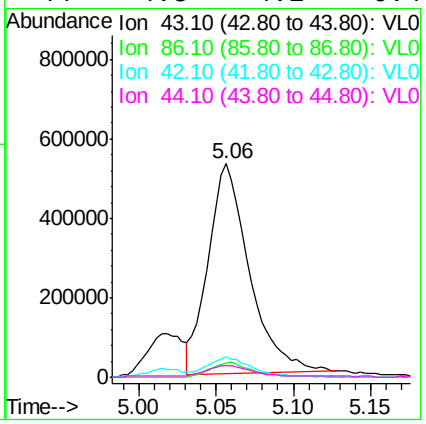


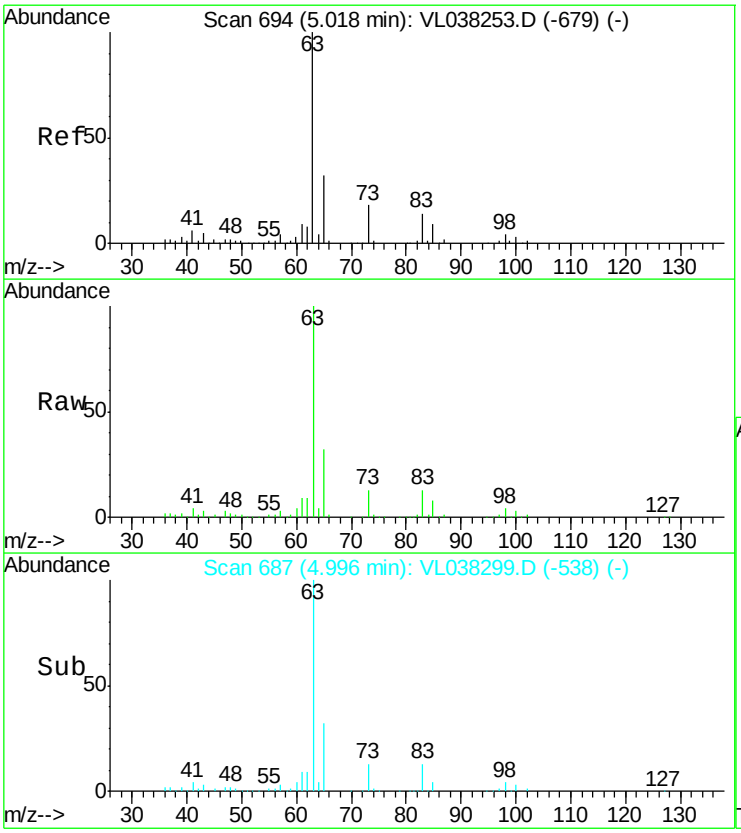
#23
Vinyl Acetate
Concen: 9.866 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 43 Resp: 986006

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.7	8.5
42	9.5	7.7	11.5
44	4.8	4.2	6.4

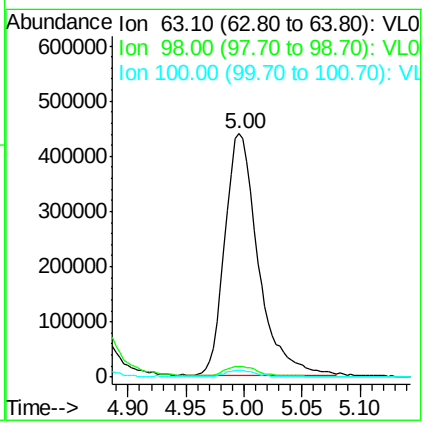


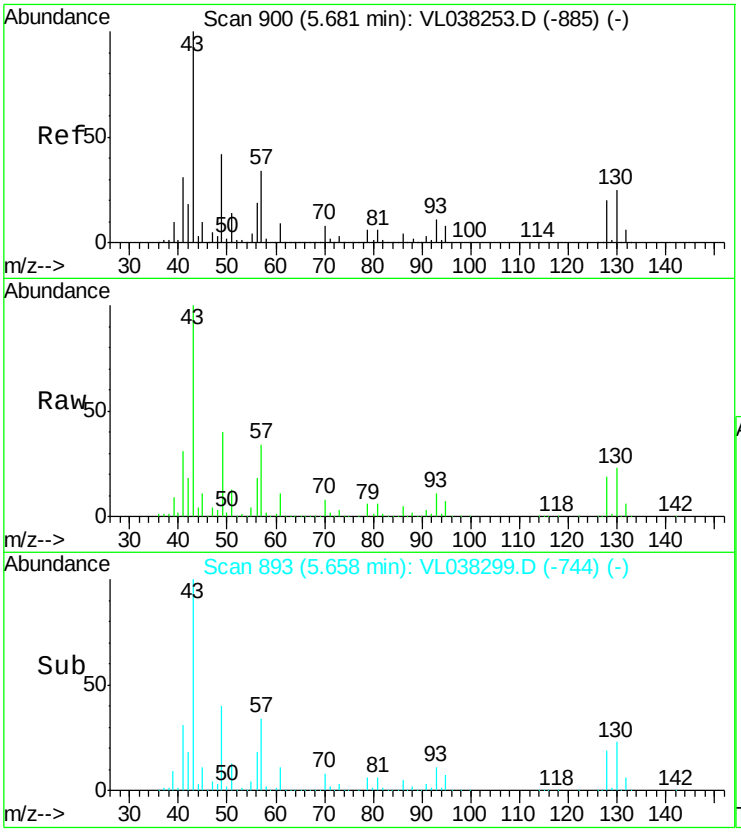


#24
1,1-Dichloroethane
Concen: 9.822 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 63 Resp: 874516

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.3	6.8
100	2.8	1.3	3.9



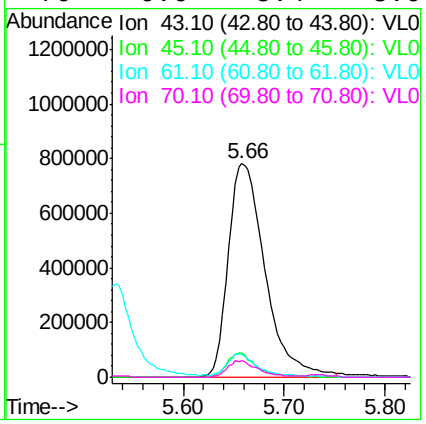


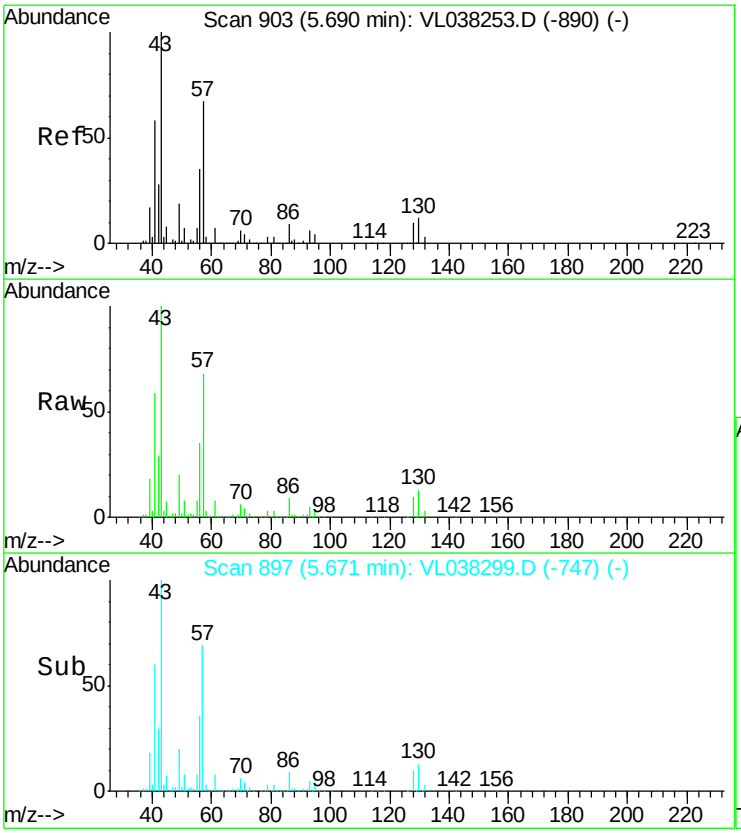
#25
Ethyl Acetate
Concen: 10.257 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 43 Resp: 1974061

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.6	7.8	11.8
70	6.6	5.4	8.0

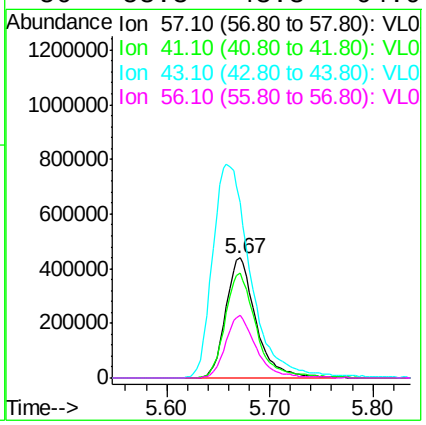


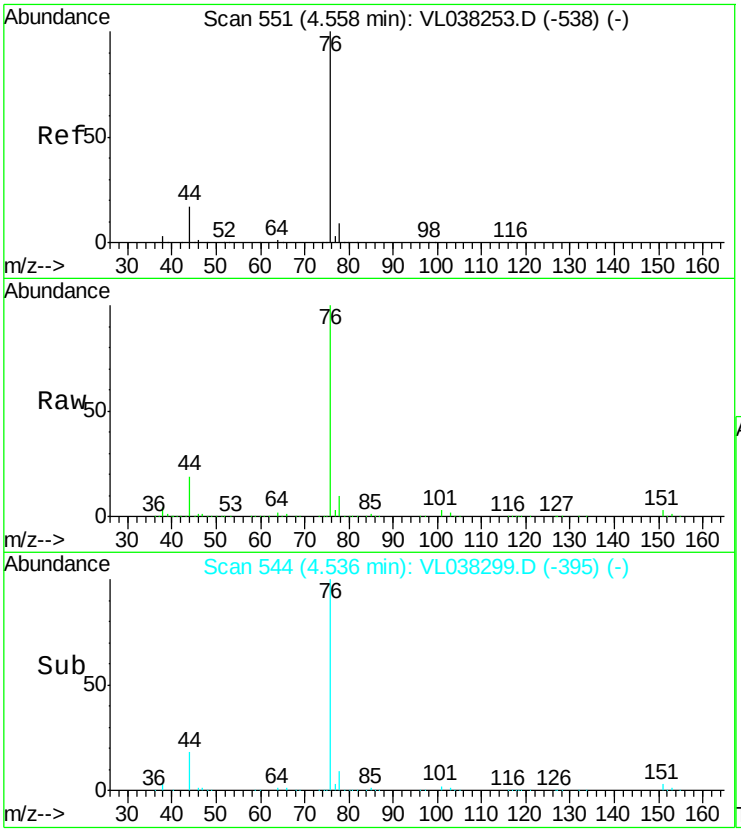


#26
Hexane
Concen: 10.025 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 57 Resp: 897364

Ion	Ratio	Lower	Upper
57	100		
41	90.6	72.8	109.2
43	223.5	177.0	265.6
56	53.3	43.3	64.9



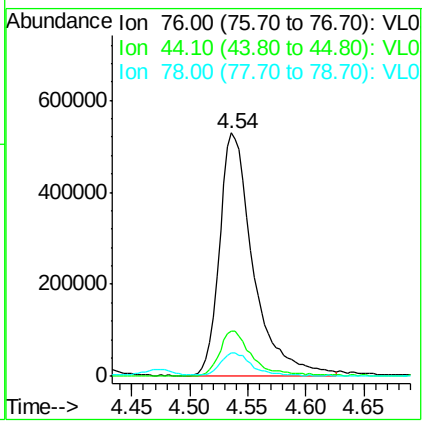


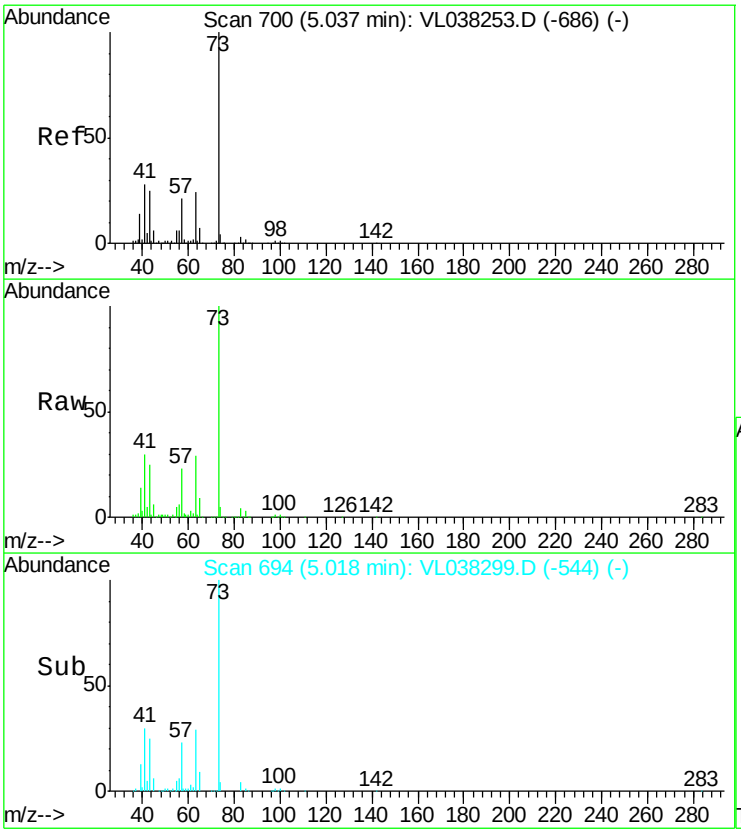
#27
Carbon Disulfide
Concen: 10.197 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 76 Resp: 1067897

Ion	Ratio	Lower	Upper
76	100		
44	19.4	14.8	22.2
78	9.4	7.9	11.9

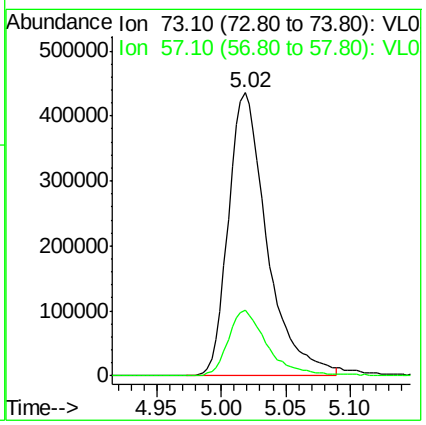


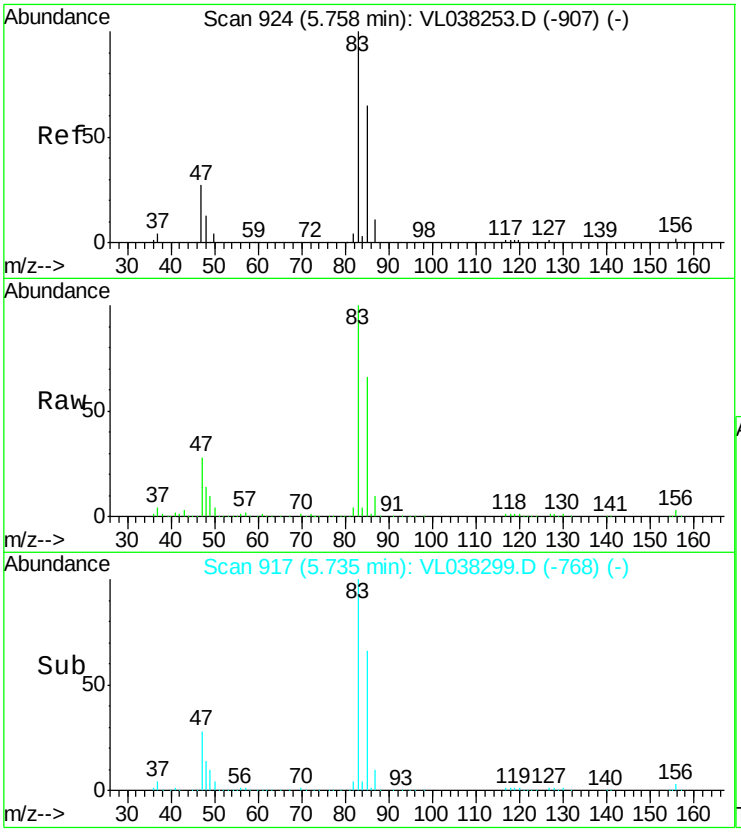


#28
Methyl tert-Butyl Ether
Concen: 9.797 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 73 Resp: 909801

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.2	27.4



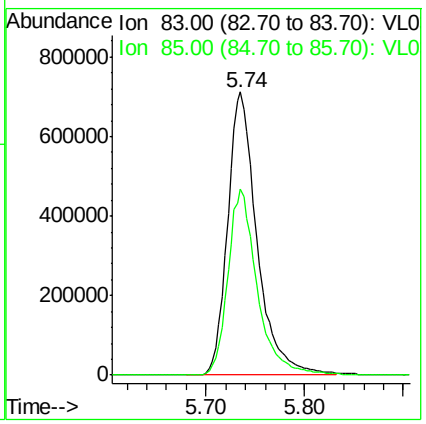


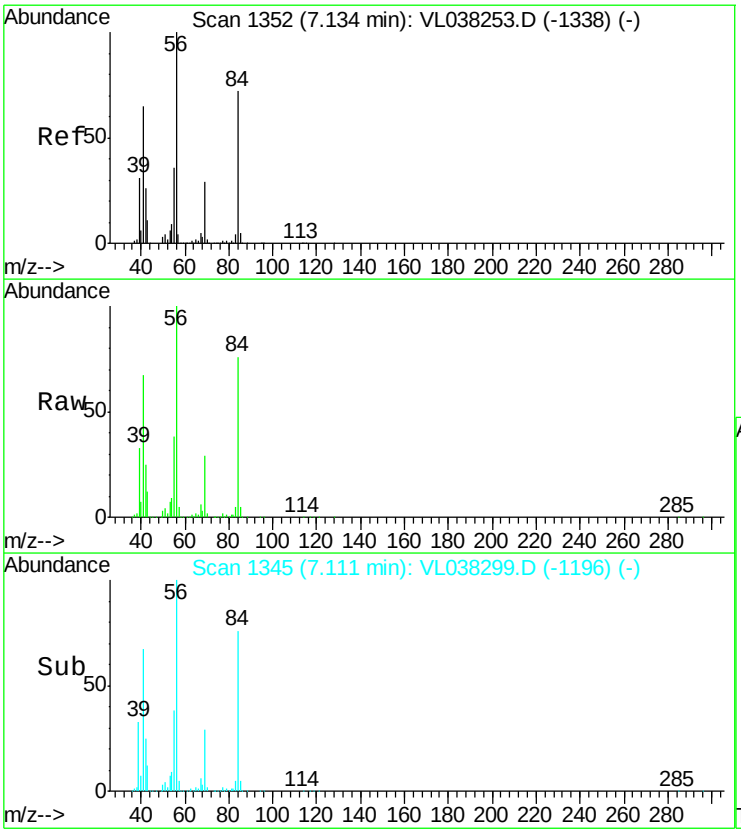
#29
Chloroform
Concen: 10.131 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 83 Resp: 1480307

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9

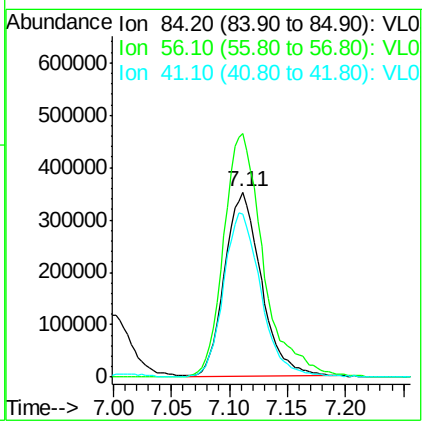


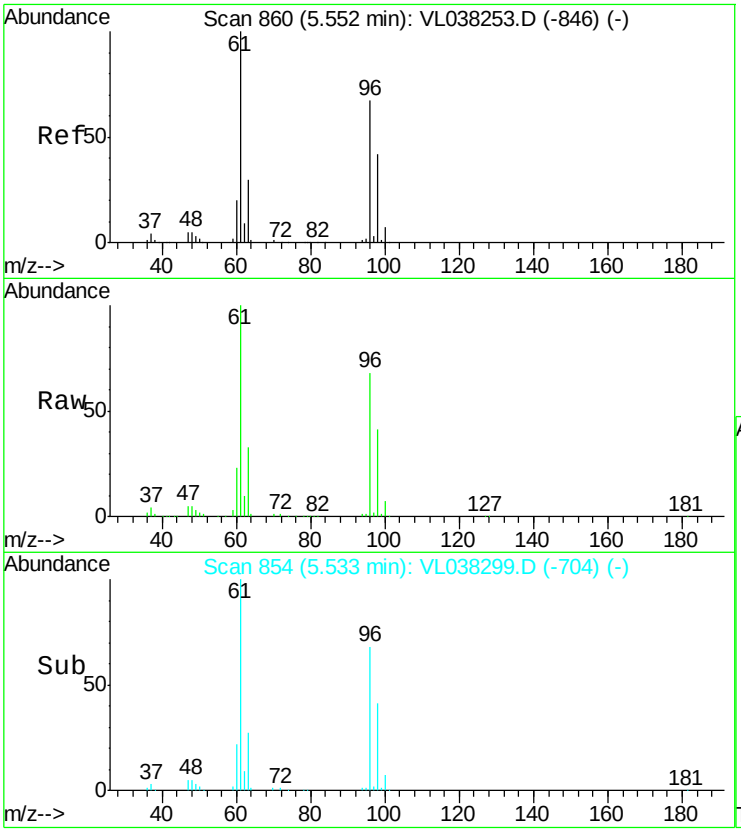


#30
Cyclohexane
Concen: 9.883 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 84 Resp: 770313

Ion	Ratio	Lower	Upper
84	100		
56	144.3	112.7	169.1
41	91.5	71.1	106.7



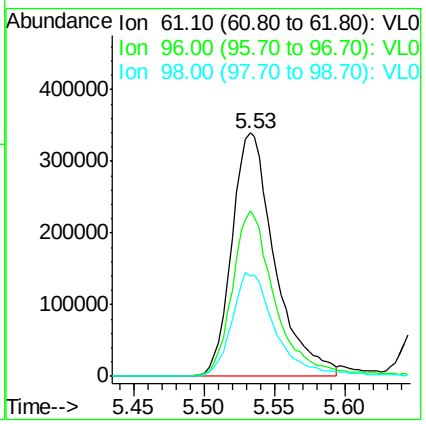


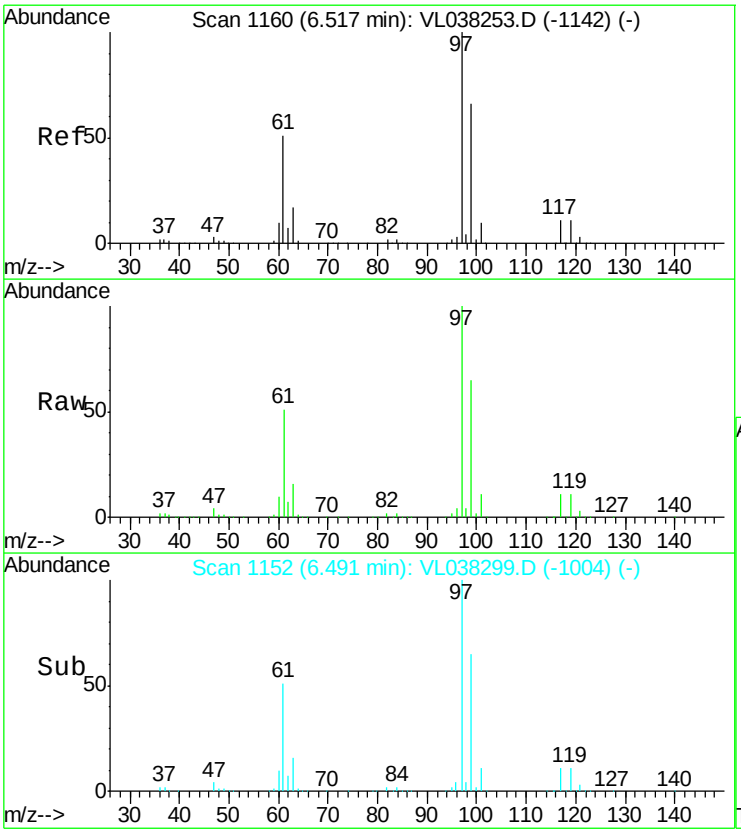
#31
cis-1,2-Dichloroethene
Concen: 9.274 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 61 Resp: 724176

Ion	Ratio	Lower	Upper
61	100		
96	67.9	53.3	79.9
98	41.0	33.7	50.5

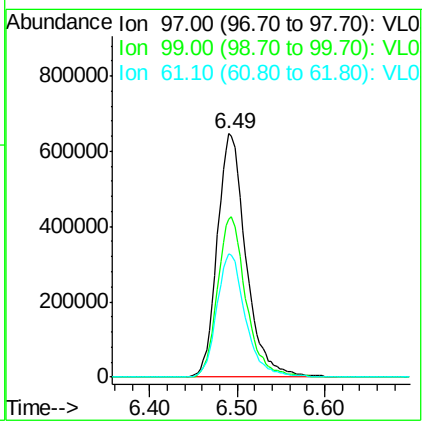


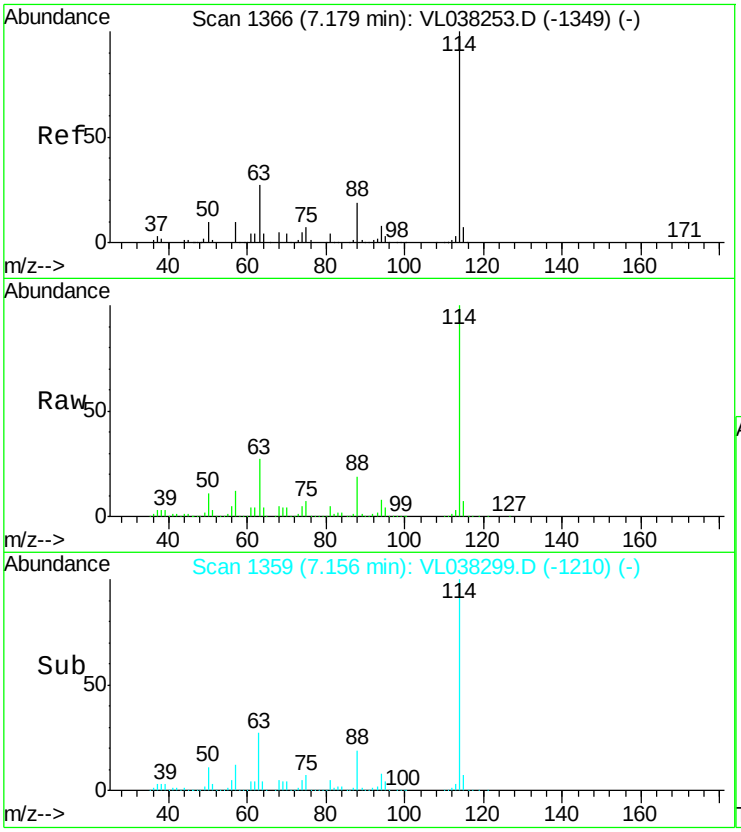


#32
1,1,1-Trichloroethane
Concen: 10.064 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 97 Resp: 1468785

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.5	77.3
61	50.6	40.5	60.7



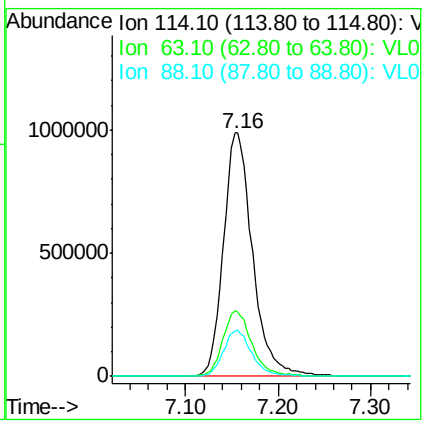


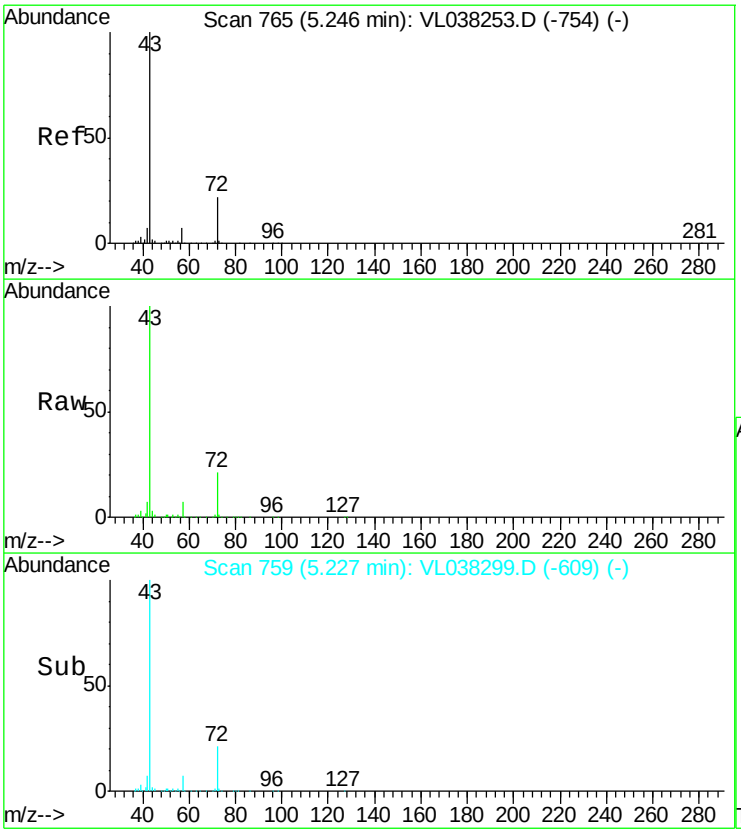
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion:114 Resp: 2148442

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.0	33.0
88	18.7	15.0	22.6

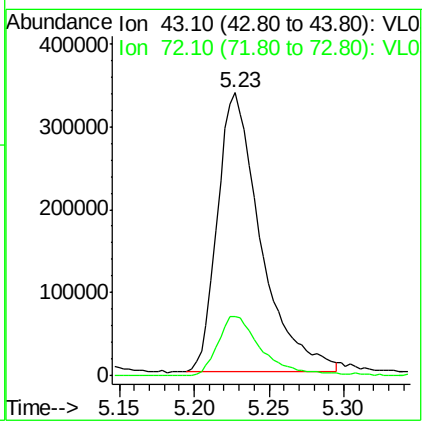


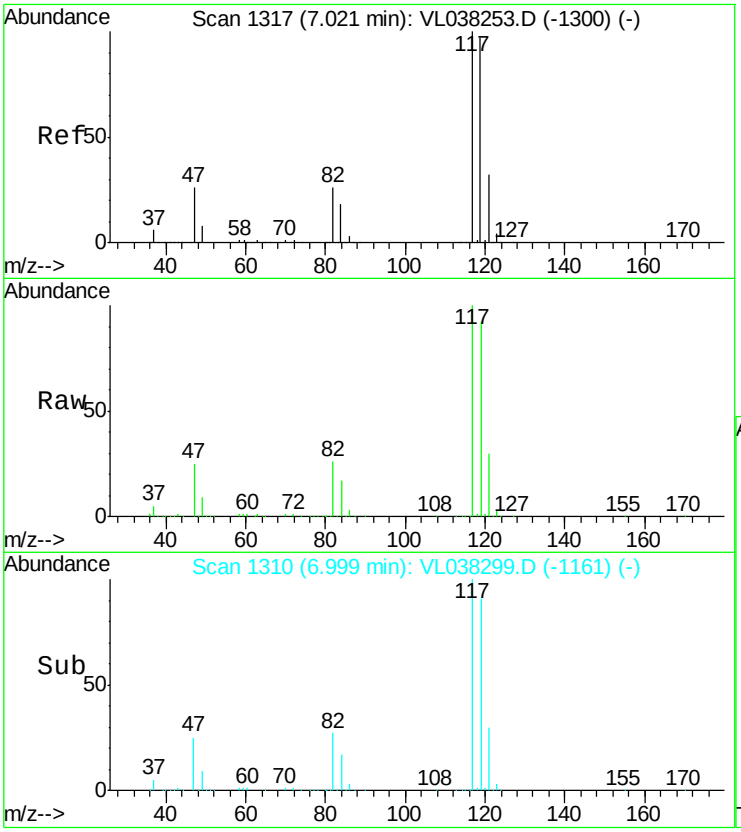


#34
2-Butanone
Concen: 9.652 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 43 Resp: 678148

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.1	27.1



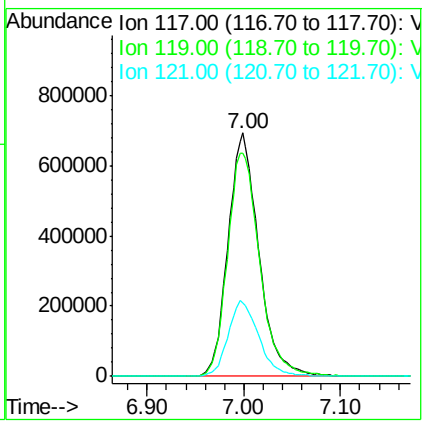


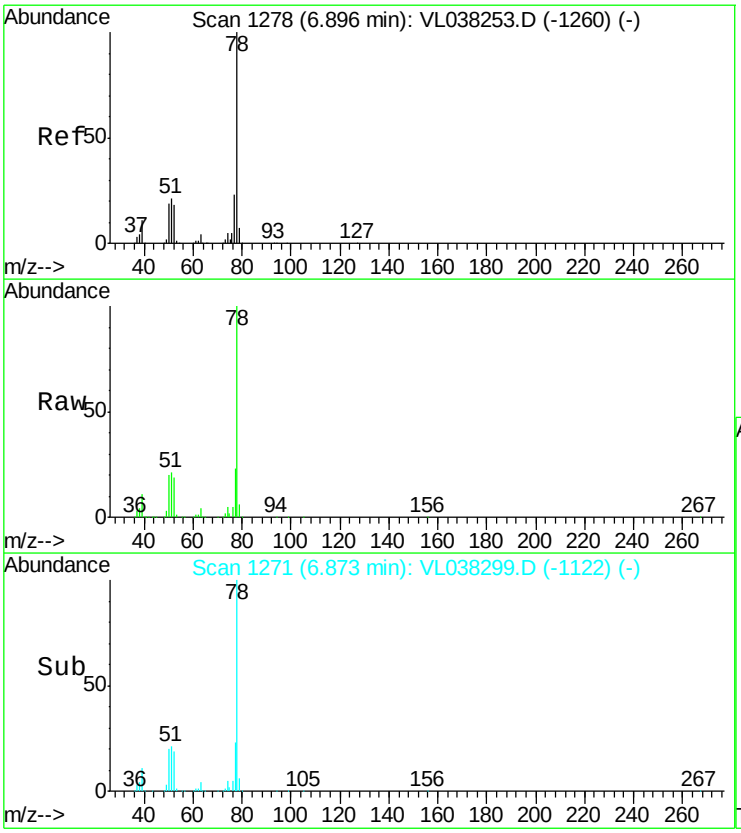
#35
Carbon Tetrachloride
Concen: 10.148 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion:117 Resp: 1530321

Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.9	116.9
121	30.1	25.4	38.2

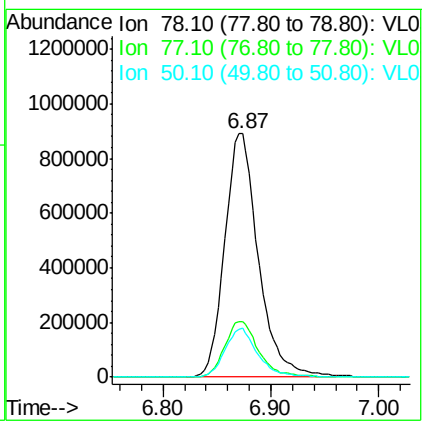


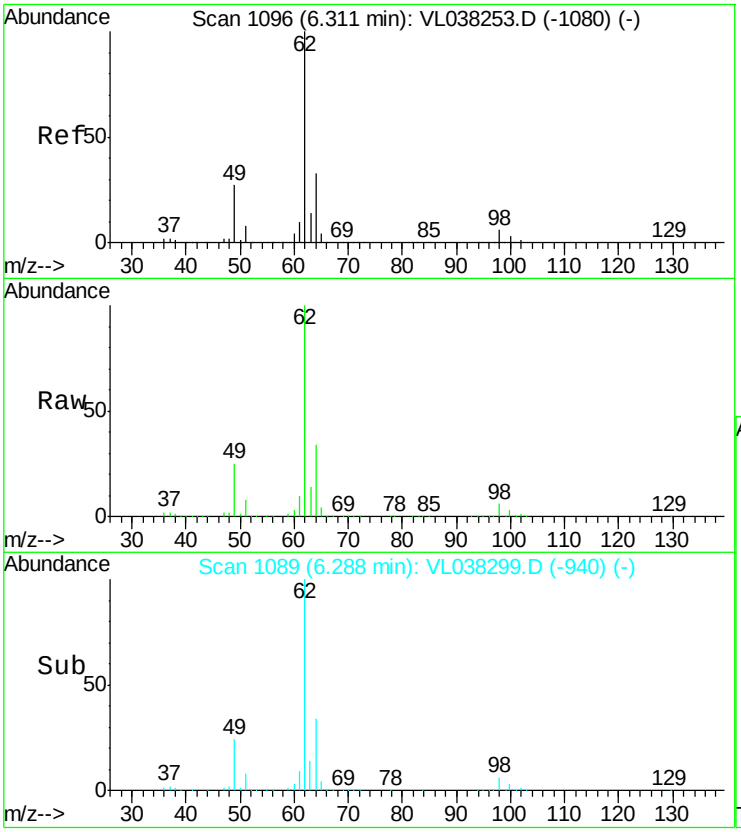


#36
Benzene
Concen: 10.184 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 78 Resp: 1935417

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.2	27.2
50	20.0	15.1	22.7



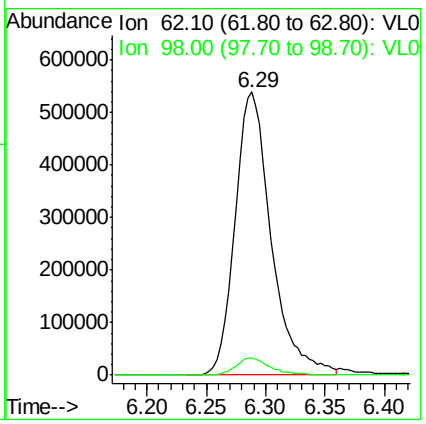


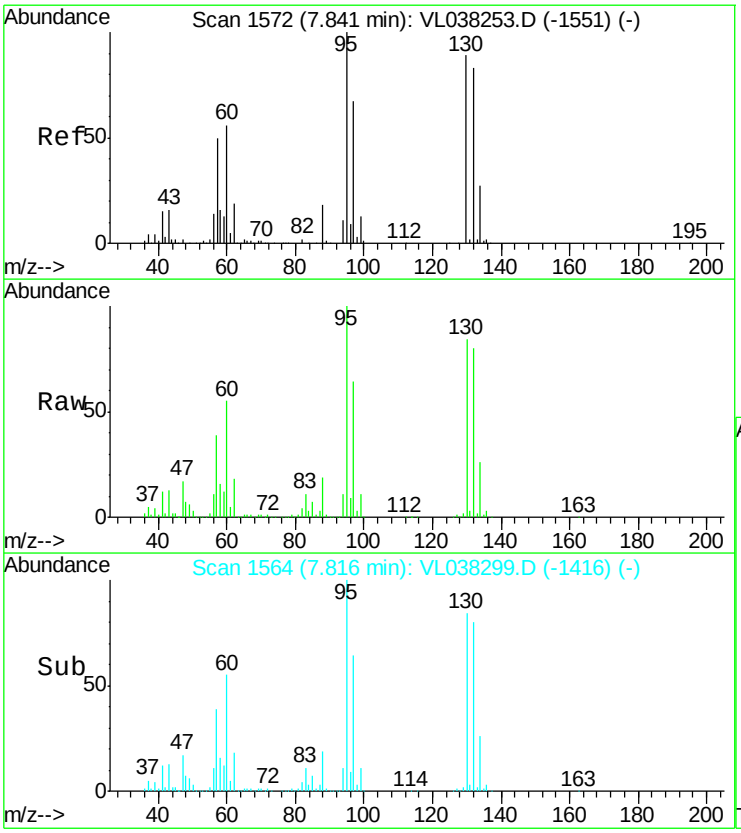
#37
1,2-Dichloroethane
Concen: 10.443 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 62 Resp: 1136753

Ion	Ratio	Lower	Upper
62	100		
98	6.0	4.5	6.7

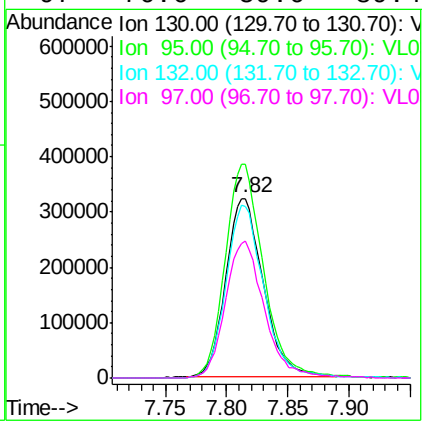


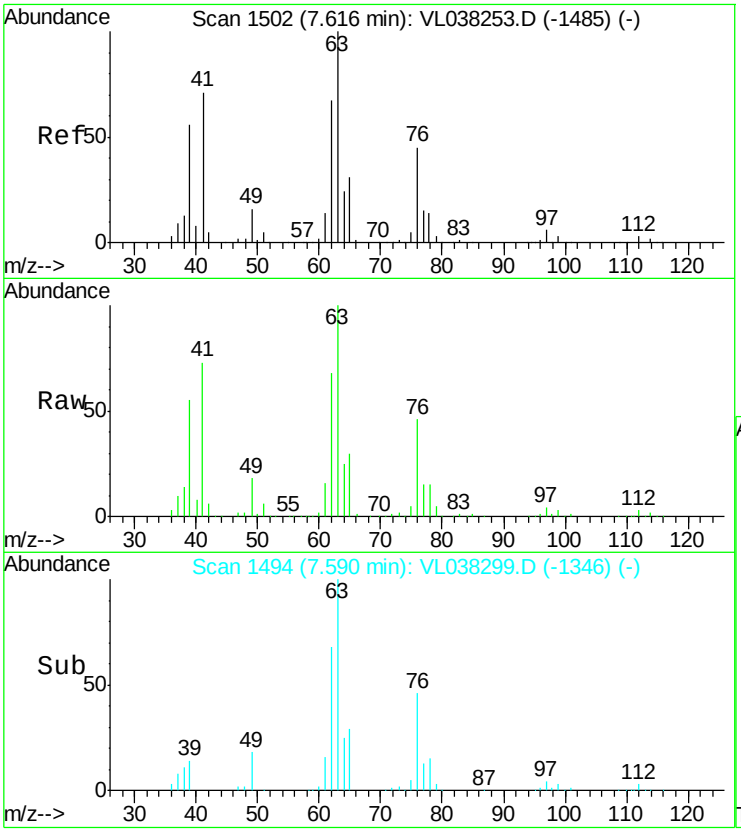


#38
Trichloroethene
Concen: 9.775 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:130 Resp: 691971

Ion	Ratio	Lower	Upper
130	100		
95	119.3	89.4	134.2
132	95.7	74.6	111.8
97	76.6	59.6	89.4



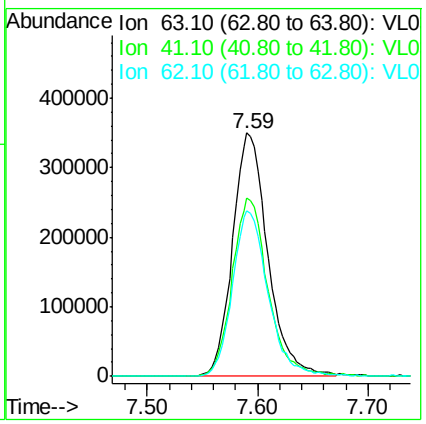


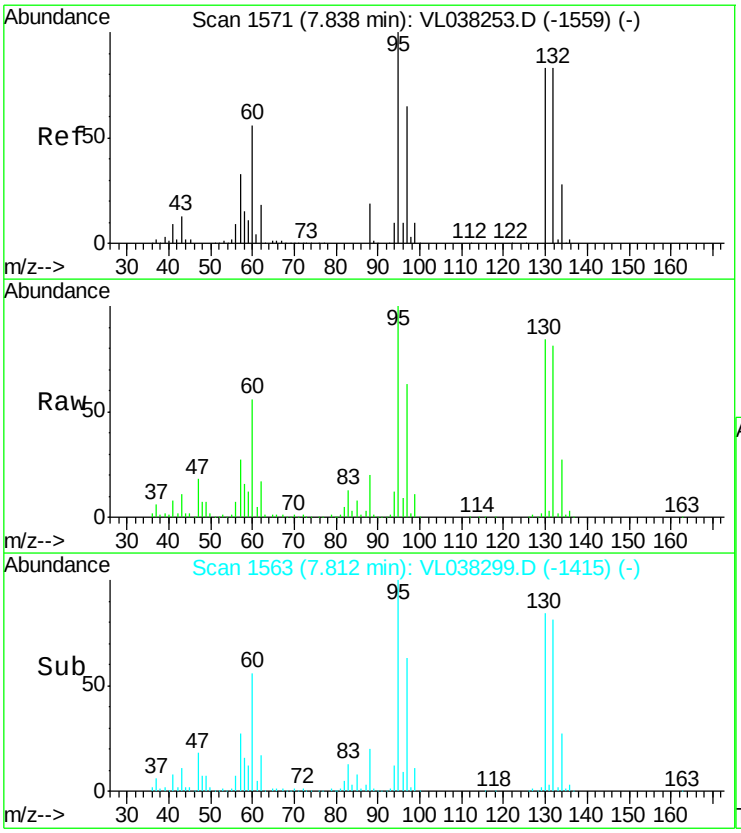
#39
1,2-Dichloropropane
Concen: 10.063 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 63 Resp: 775345

Ion	Ratio	Lower	Upper
63	100		
41	73.1	56.6	85.0
62	67.9	53.9	80.9

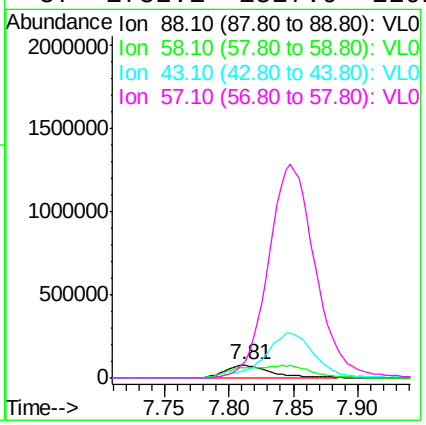


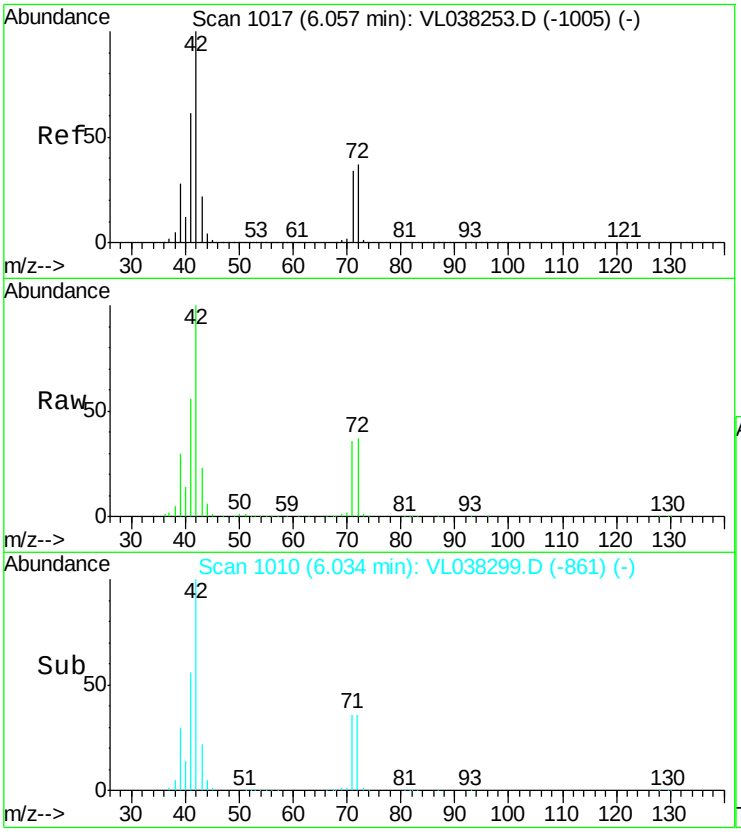


#40
1,4-Dioxane
Concen: 10.064 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 88 Resp: 186633

Ion	Ratio	Lower	Upper
88	100		
58	161.7	138.6	208.0
43	397.5	346.9	520.3
57	1752.1	1527.9	2291.9



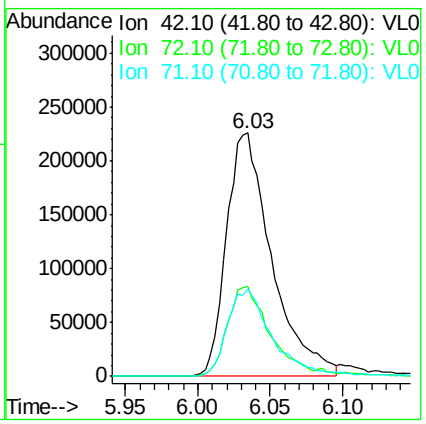


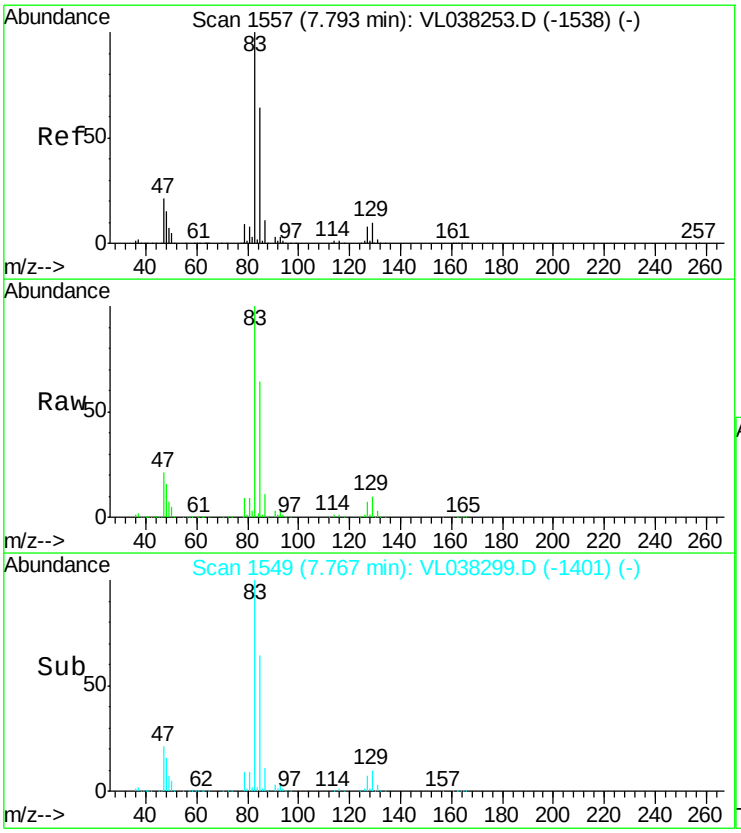
#41
Tetrahydrofuran
Concen: 10.313 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 42 Resp: 487070

Ion	Ratio	Lower	Upper
42	100		
72	36.8	29.7	44.5
71	36.4	29.4	44.2

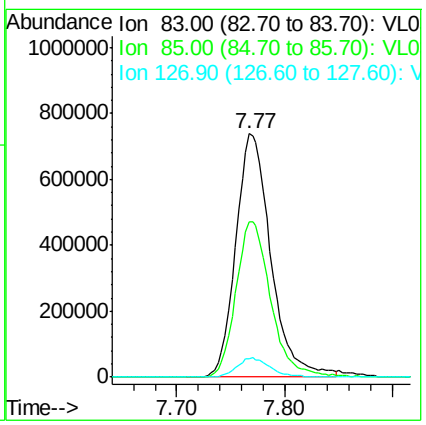


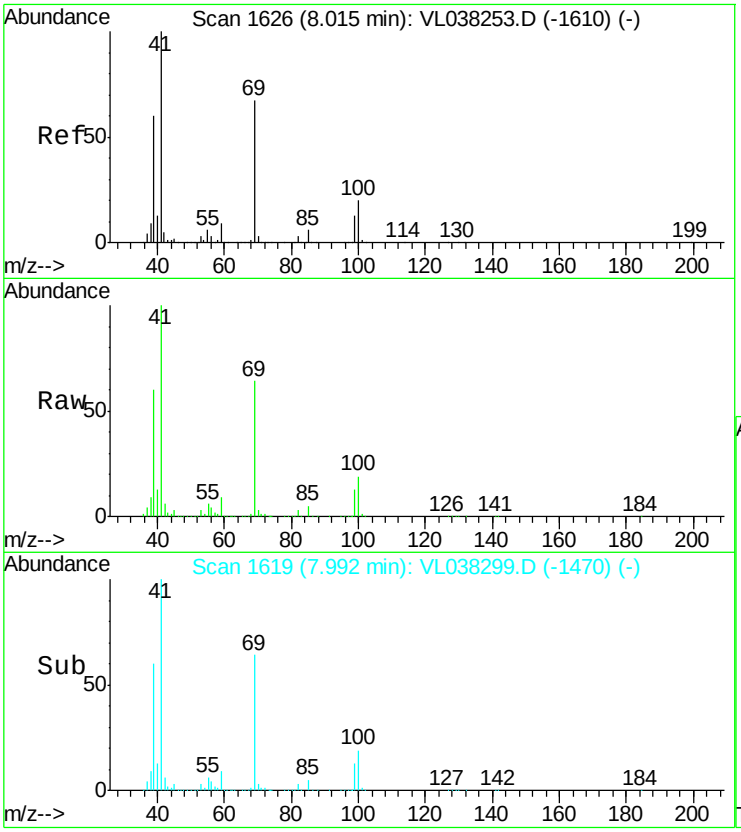


#42
Bromodichloromethane
Concen: 10.353 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 83 Resp: 1671863

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.5	77.3
127	7.4	6.2	9.4



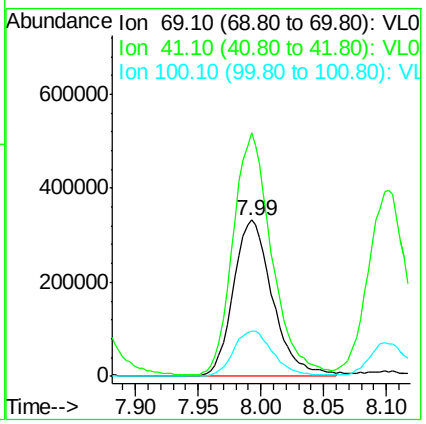


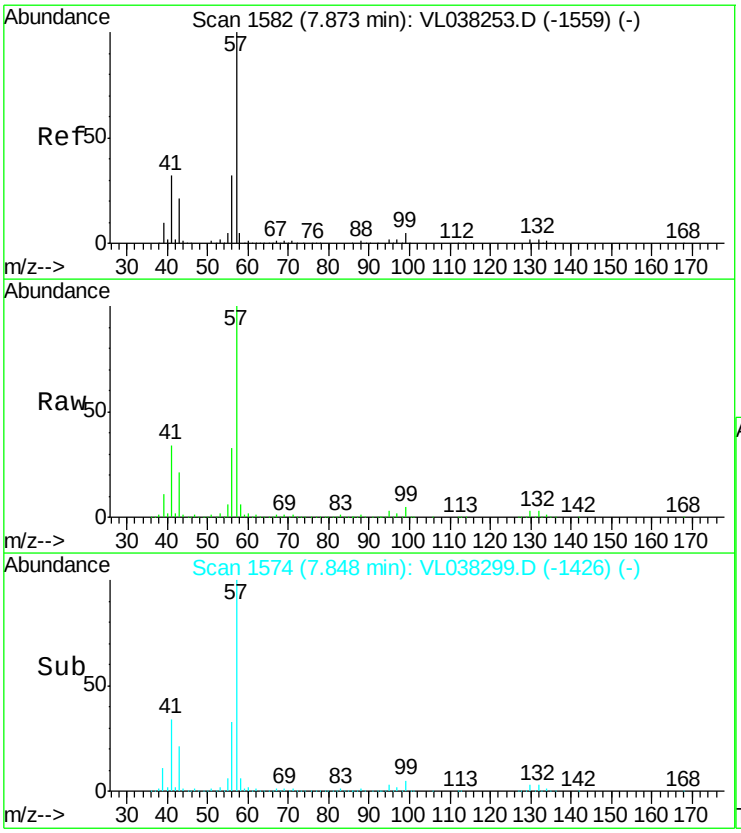
#43
Methyl Methacrylate
Concen: 10.759 ppbv
RT: 7.99
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 69 Resp: 723187

Ion	Ratio	Lower	Upper
69	100		
41	154.3	120.9	181.3
100	29.8	23.4	35.0

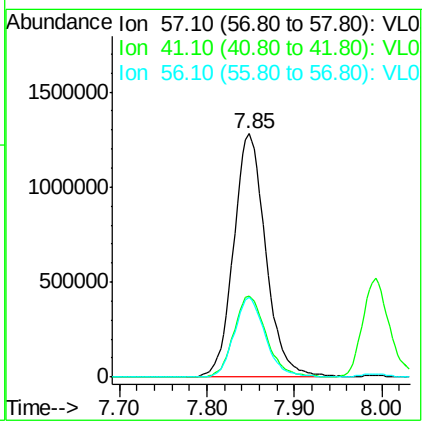


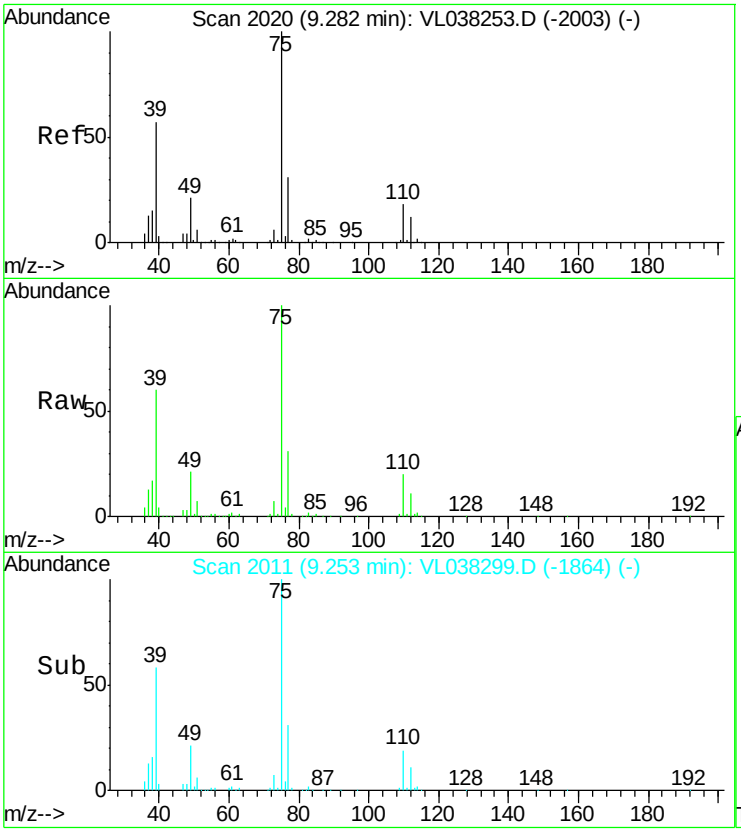


#44
2,2,4-Trimethylpentane
Concen: 9.737 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 57 Resp: 3260844

Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.3	39.5
56	31.8	25.2	37.8



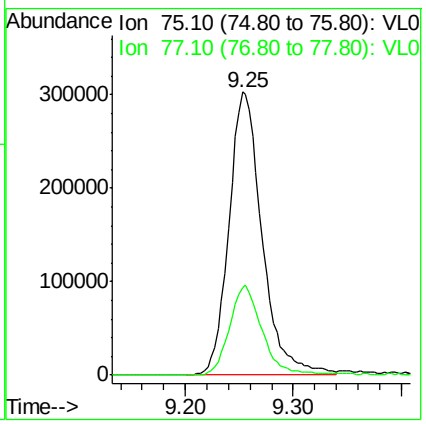


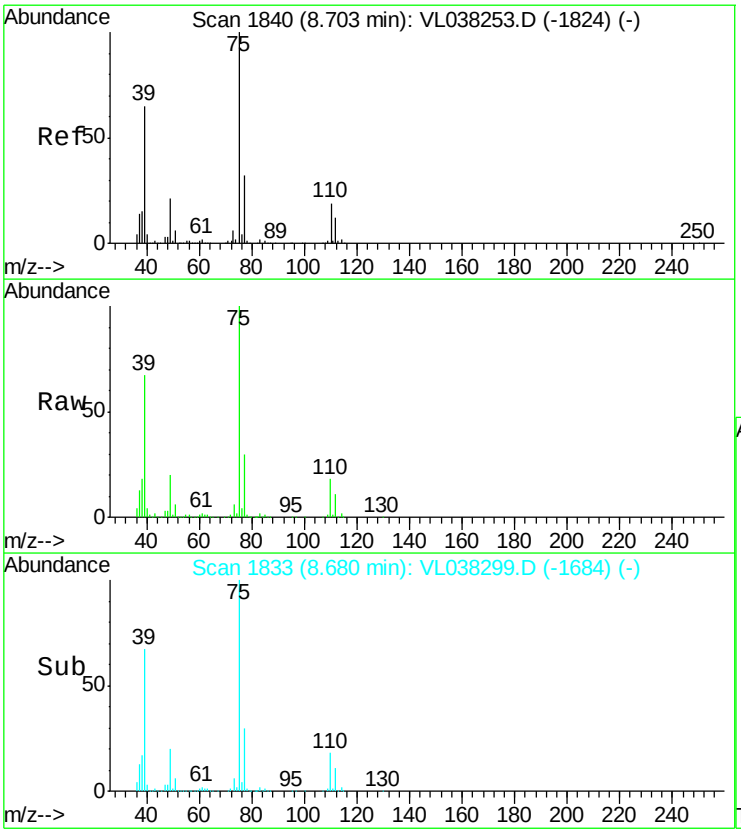
#45
t-1,3-Dichloropropene
Concen: 11.901 ppbv
RT: 9.25
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 75 Resp: 649942

Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.9	37.3

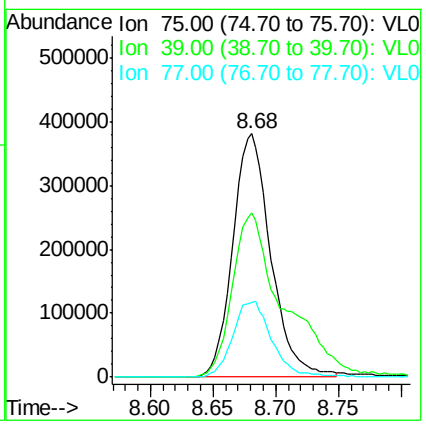


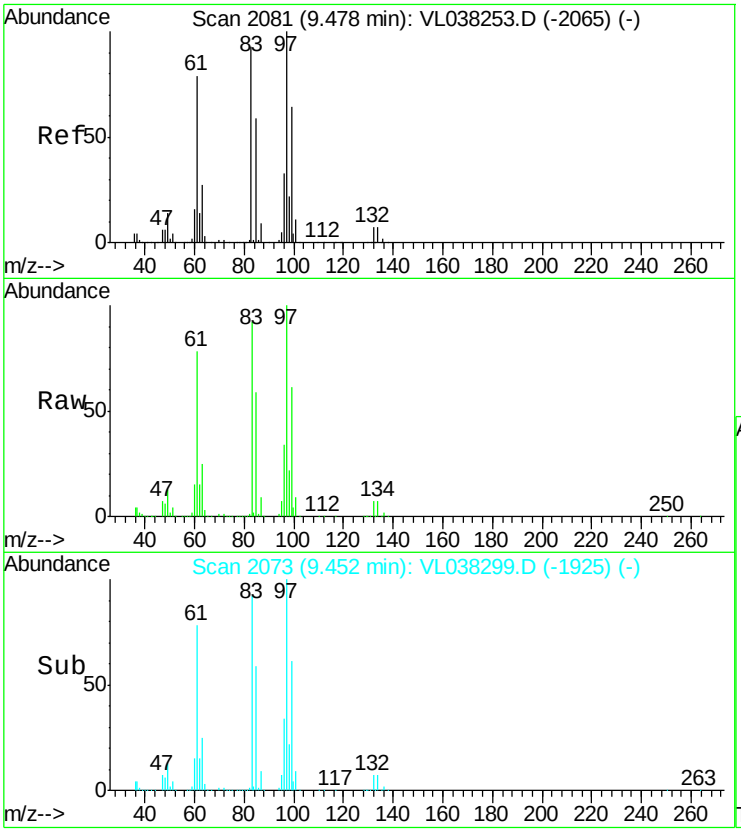


#46
cis-1,3-Dichloropropene
Concen: 11.042 ppbv
RT: 8.68 min Scan# 1833
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 75 Resp: 804607

Ion	Ratio	Lower	Upper
75	100		
39	67.2	52.3	78.5
77	30.5	25.4	38.0



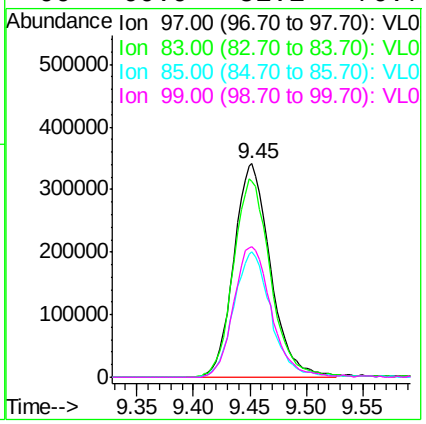


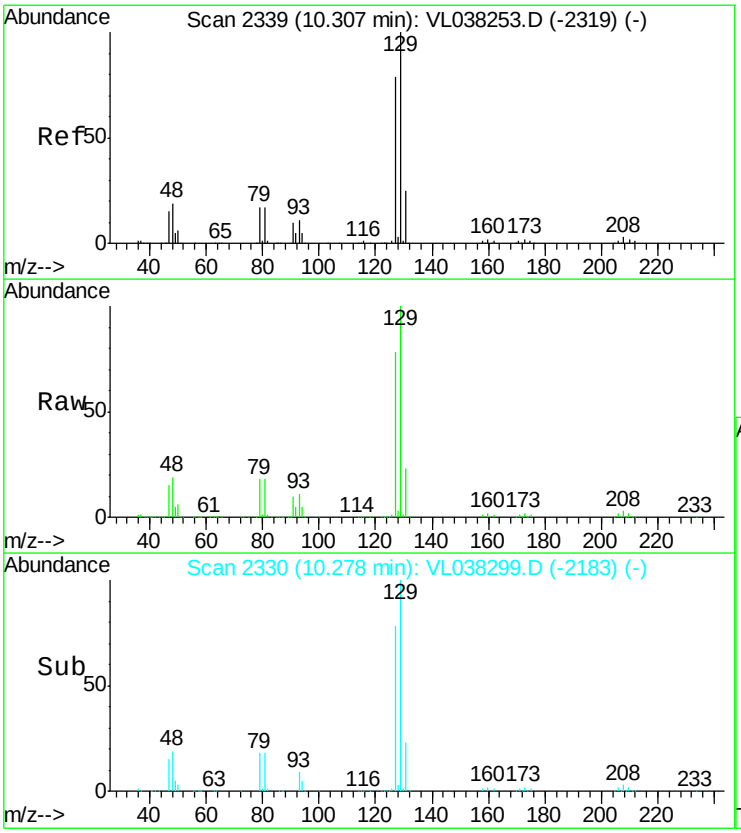
#47
1,1,2-Trichloroethane
Concen: 10.167 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 97 Resp: 769691

Ion	Ratio	Lower	Upper
97	100		
83	91.8	74.3	111.5
85	59.0	47.5	71.3
99	60.9	51.1	76.7

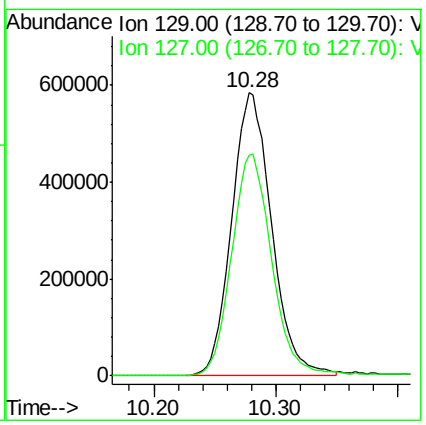


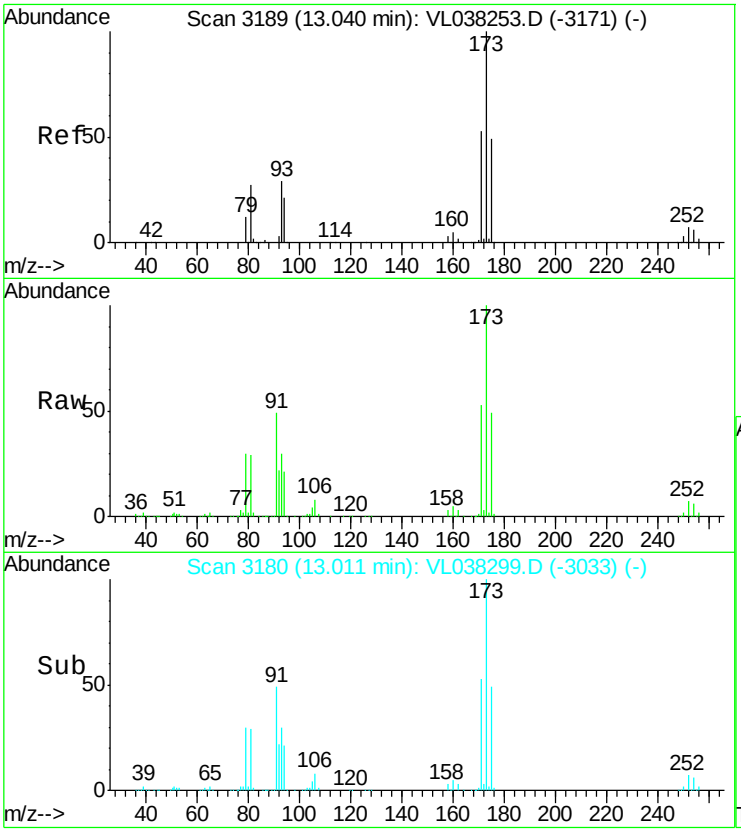


#48
Dibromochloromethane
Concen: 10.387 ppbv
RT: 10.28 min Scan# 2330
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:129 Resp: 1323831

Ion	Ratio	Lower	Upper
129	100		
127	79.8	39.1	117.3



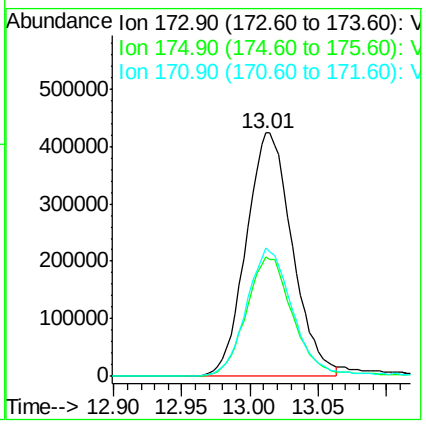


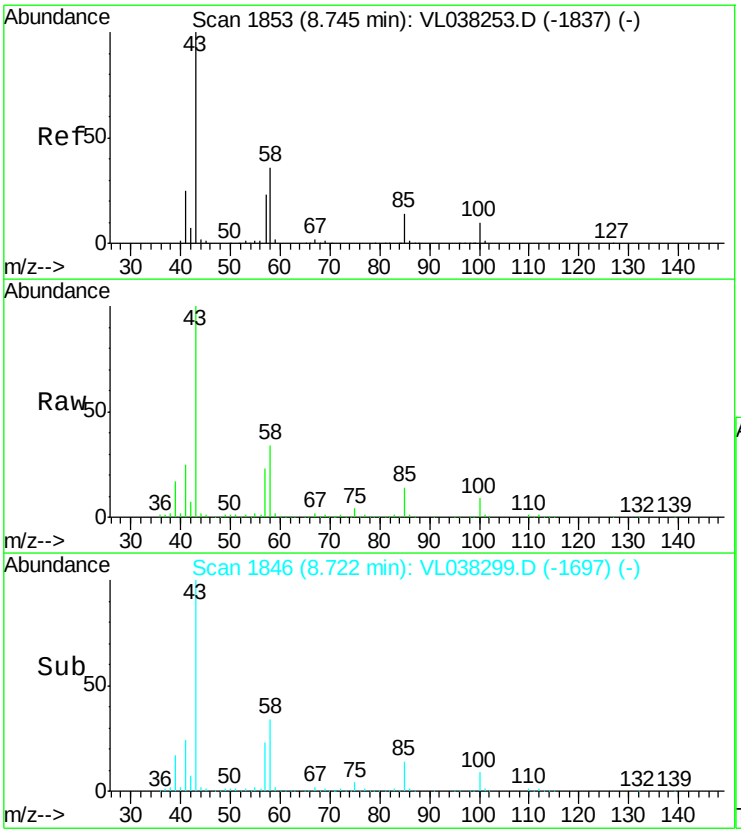
#49
Bromoform
Concen: 10.833 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion:173 Resp: 995361

Ion	Ratio	Lower	Upper
173	100		
175	51.2	39.7	59.5
171	53.5	42.1	63.1

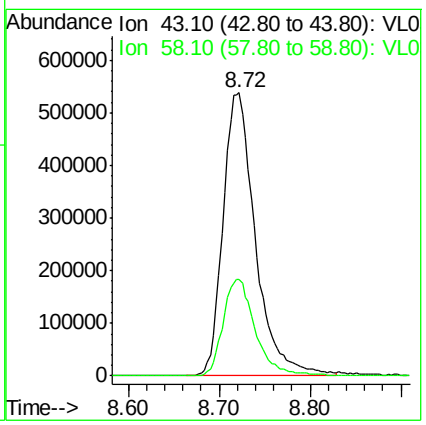


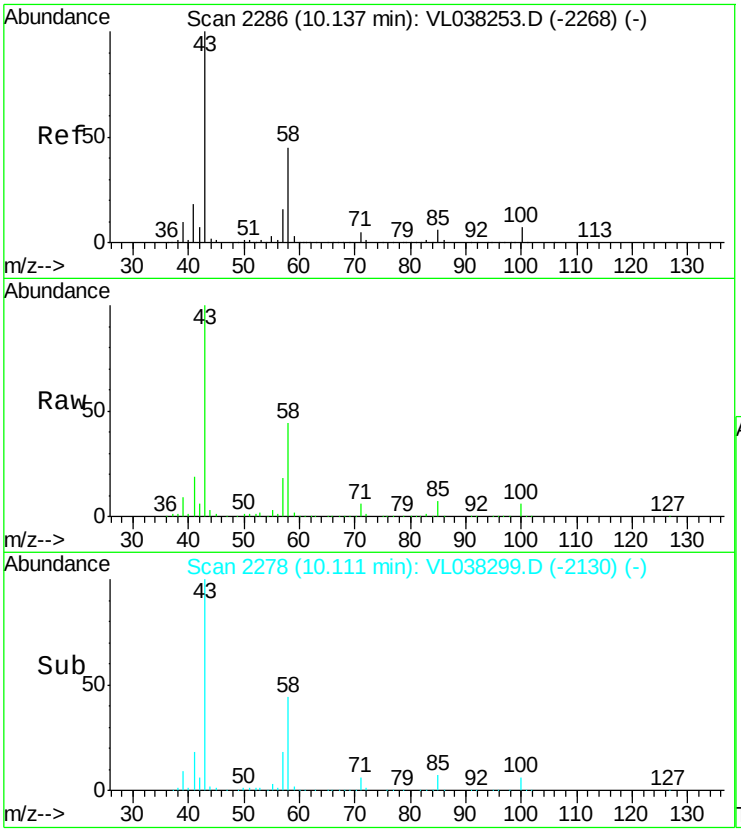


#50
4-Methyl-2-Pentanone
Concen: 10.588 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 43 Resp: 1327038

Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.2	42.4



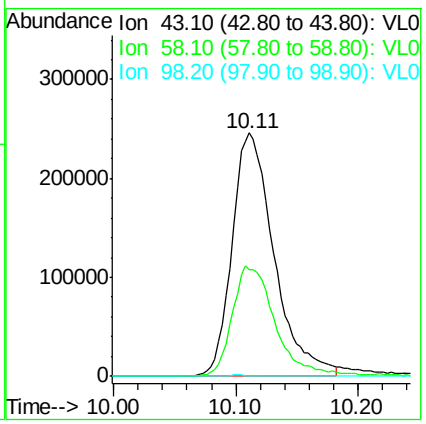


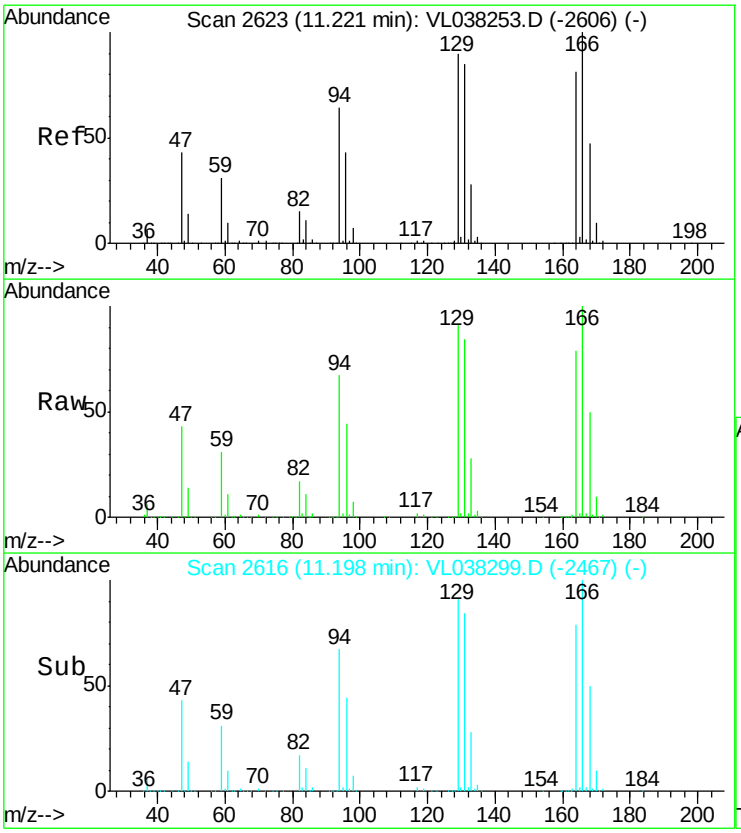
#51
2-Hexanone
Concen: 10.620 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 43 Resp: 586228

Ion	Ratio	Lower	Upper
43	100		
58	46.9	37.0	55.4
98	0.5	0.2	0.2#

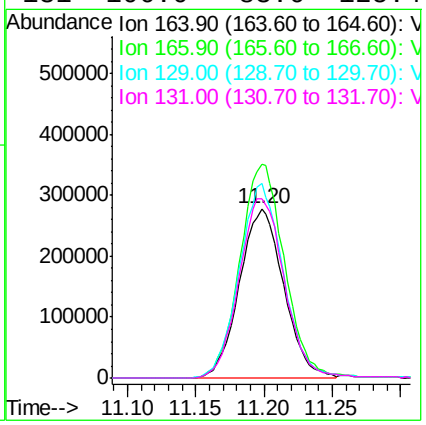


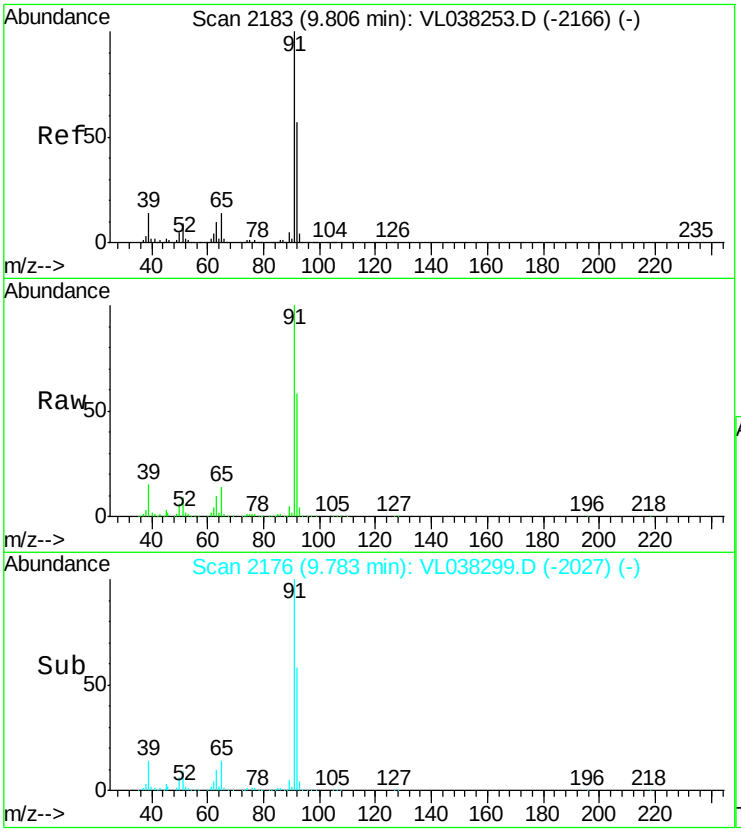


#52
Tetrachloroethene
Concen: 9.551 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:164 Resp: 625569

Ion	Ratio	Lower	Upper
164	100		
166	126.0	98.8	148.2
129	115.0	89.2	133.8
131	106.0	83.6	125.4



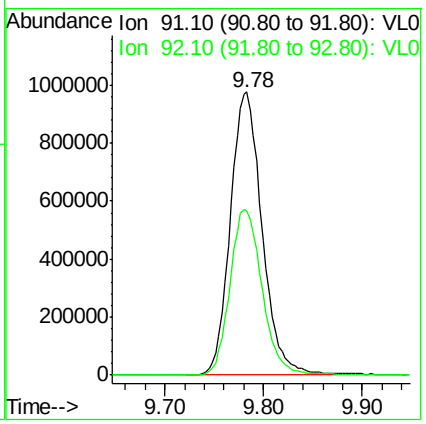


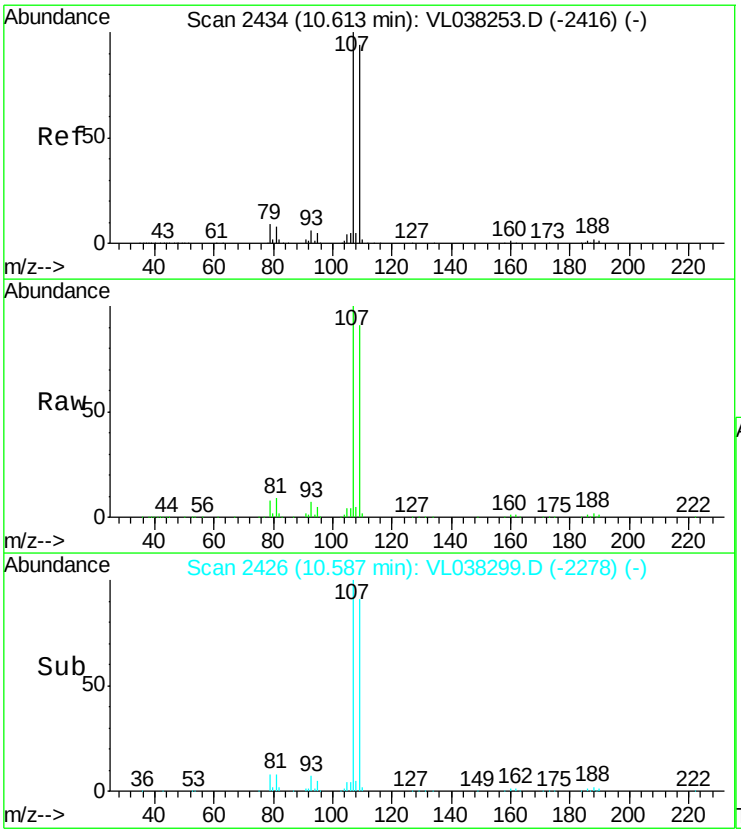
#53
Toluene
Concen: 10.385 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion: 91 Resp: 2184484

Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.4	71.0

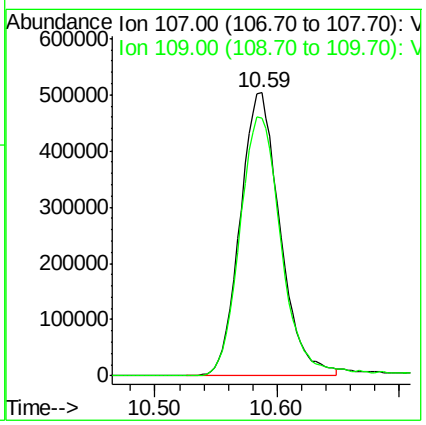


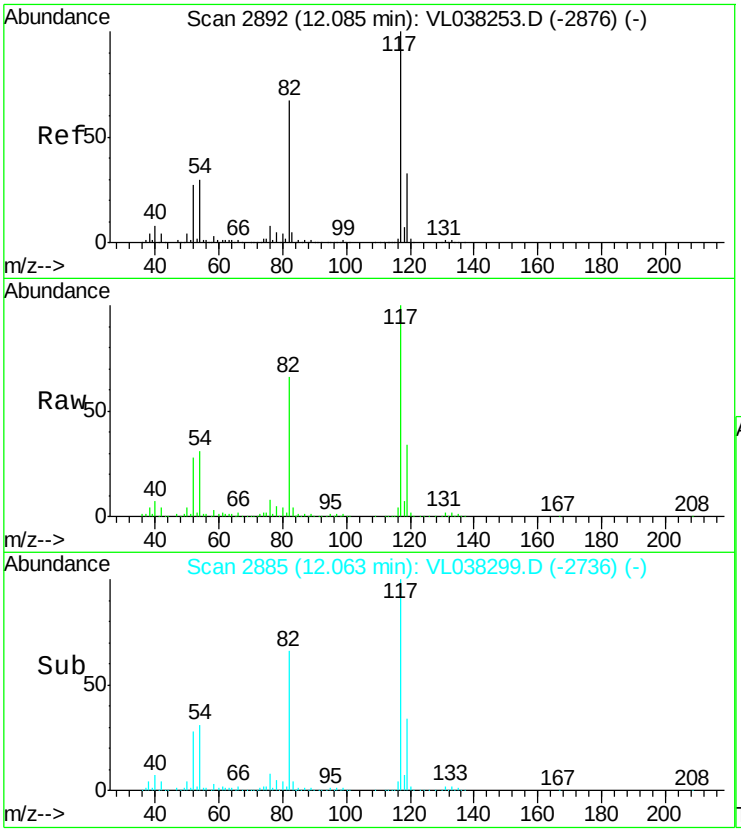


#54
1,2-Dibromoethane
Concen: 10.567 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:107 Resp: 1137345

Ion	Ratio	Lower	Upper
107	100		
109	91.0	75.4	113.0



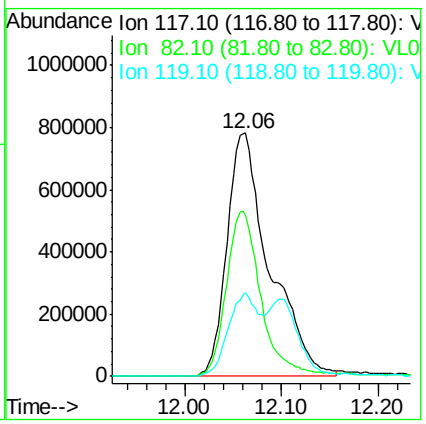


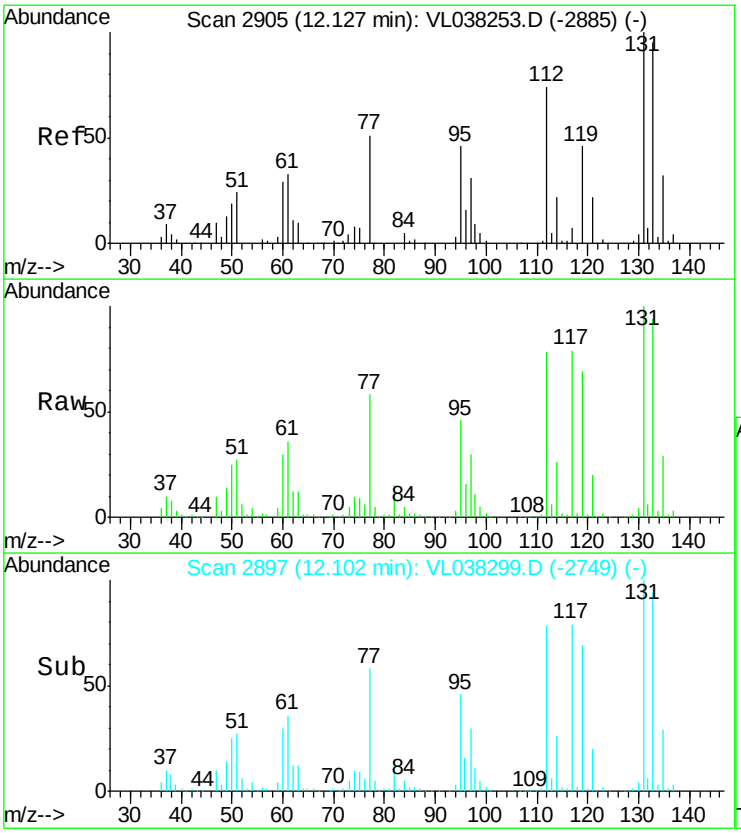
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 27 Jan 2022 16:32

Instrument :
MSVOA_L
ClientSampleId :
VL0127ABS01

Tgt Ion:117 Resp: 2396928

Ion	Ratio	Lower	Upper
117	100		
82	56.6	54.4	81.6
119	23.8	45.9	68.9#





#56
1,1,1,2-Tetrachloroethane
Concen: 8.134 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:131 Resp: 853389

Ion	Ratio	Lower	Upper
131	100		
133	97.4	76.0	114.0
119	68.8	53.0	79.4