Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041322\
Data File : VL038913.D
Acq On : 14 Apr 2022 8:45
Operator : SY/AP
Sample : VL0413ABS02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0413ABS02

Quant Time: Apr 25 08:30:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1158274	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.19	114	2879134	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.10	117	3311878	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2321726	9.24	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	1481451	9.017	ppbv		97
3) Chlorodifluoromethane	3.00	51	1316634	9.314	ppbv	#	91
4) Chloromethane	3.15	50	632636	8.643	ppbv		94
5) Vinyl Chloride	3.27	62	648277	9.585	ppbv		97
6) Bromomethane	3.49	94	330296	10.094	ppbv		95
7) Chloroethane	3.57	64	212815	9.436	ppbv		100
8) Dichlorotetrafluoroethane	3.20	85	1613640	10.514	ppbv		90
9) Propene	3.02	41	531173	7.102	ppbv		94
10) Heptane	8.14	43	1402976	7.447	ppbv		97
11) Trichlorofluoromethane	3.96	101	1514720	11.473	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1070293	10.584	ppbv		91
13) Ethanol	3.61	45	31639	6.961	ppbv	#	100
14) Bromoethene	3.75	108	459947	10.342	ppbv		96
15) Acetone	3.86	43	1068851	9.269	ppbv		97
16) 1,3-Butadiene	3.34	39	590806	8.962	ppbv		95
17) tert-Butyl alcohol	4.29	59	840664	8.130	ppbv		99
18) 1,1-Dichloroethene	4.30	96	466941	10.129	ppbv		92
19) Isopropyl Alcohol	3.97	45	552516	9.374	ppbv	#	100
20) Methylene Chloride	4.36	84	387866	9.274	ppbv		94
21) Allyl Chloride	4.42	41	756220	8.758	ppbv		94
22) trans-1,2-Dichloroethene	4.90	96	495992	10.627	ppbv		95
23) Vinyl Acetate	5.09	43	1053536	9.381	ppbv		99
24) 1,1-Dichloroethane	5.02	63	970997	9.568	ppbv		100
25) Ethyl Acetate	5.69	43	2475970	8.462	ppbv		99
26) Hexane	5.70	57	1075182	8.073	ppbv		99
27) Carbon Disulfide	4.56	76	1233080	10.096	ppbv		99
28) Methyl tert-Butyl Ether	5.04	73	883214	8.586	ppbv		100
29) Chloroform	5.76	83	1825980	9.799	ppbv		99
30) Cyclohexane	7.14	84	871596	7.425	ppbv		98
31) cis-1,2-Dichloroethene	5.56	61	1142933	9.333	ppbv		95
32) 1,1,1-Trichloroethane	6.53	97	1830722	9.751	ppbv		98
34) 2-Butanone	5.25	43	1296162	11.393	ppbv		97
35) Carbon Tetrachloride	7.03	117	1916314	11.102	ppbv		98
36) Benzene	6.91	78	2168562	8.279	ppbv		97
37) 1,2-Dichloroethane	6.32	62	1507901	12.592	ppbv	#	94
38) Trichloroethene	7.85	130	882638	8.213	ppbv		92
39) 1,2-Dichloropropane	7.63	63	856836	8.553	ppbv		92
40) 1,4-Dioxane	7.84	88	295302	8.681	ppbv	#	1
41) Tetrahydrofuran	6.06	42	866503	8.019	ppbv		97
42) Bromodichloromethane	7.81	83	2082072	11.010	ppbv		98
43) Methyl Methacrylate	8.02	69	931886	9.289	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041322\
Data File : VL038913.D
Acq On : 14 Apr 2022 8:45
Operator : SY/AP
Sample : VL0413ABS02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0413ABS02

Quant Time: Apr 25 08:30:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3764081	8.488	ppbv		98
45) t-1,3-Dichloropropene	9.29	75	1097081	10.459	ppbv		100
46) cis-1,3-Dichloropropene	8.71	75	1314036	9.502	ppbv		94
47) 1,1,2-Trichloroethane	9.48	97	885832	8.629	ppbv		97
48) Dibromochloromethane	10.32	129	1619202	10.064	ppbv		98
49) Bromoform	13.05	173	1282766	10.067	ppbv		98
50) 4-Methyl-2-Pentanone	8.75	43	2320840	9.069	ppbv		100
51) 2-Hexanone	10.14	43	1849053	9.590	ppbv	#	96
52) Tetrachloroethene	11.24	164	748598	8.182	ppbv		97
53) Toluene	9.82	91	2496441	8.257	ppbv		98
54) 1,2-Dibromoethane	10.62	107	1303806	9.144	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1090422	7.513	ppbv	#	92
57) Chlorobenzene	12.16	112	1804760	6.654	ppbv		94
58) Ethyl Benzene	12.72	91	3479274	7.030	ppbv		94
59) m/p-Xylene	13.01	91	3348679	8.054	ppbv	#	58
60) o-Xylene	13.71	91	2824708	7.260	ppbv		95
61) Styrene	13.54	104	1628914	6.872	ppbv		94
62) Isopropylbenzene	14.68	105	4060143	6.953	ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.69	83	1758897	7.138	ppbv		100
64) n-propylbenzene	15.57	120	1024256	6.755	ppbv		76
65) tert-Butylbenzene	16.76	119	3566781	6.884	ppbv		91
66) Benzyl Chloride	17.00	91	664966	6.304	ppbv		95
67) sec-Butylbenzene	17.31	105	5174115	7.117	ppbv		97
69) p-Isopropyltoluene	17.66	119	4276462	7.164	ppbv		96
70) n-Butylbenzene	18.56	91	4686680	7.793	ppbv		97
71) 2-Chlorotoluene	15.46	91	3220567	7.334	ppbv		94
72) 4-Ethyltoluene	15.85	105	3399966	7.319	ppbv		96
73) 1,3,5-Trimethylbenzene	16.01	105	3042753	7.291	ppbv		93
74) 1,2,4-Trimethylbenzene	16.78	105	3283652	7.443	ppbv		96
75) 1,3-Dichlorobenzene	17.01	146	1841556	7.189	ppbv		99
76) 1,4-Dichlorobenzene	17.15	146	1795078	7.114	ppbv		99
77) 1,2-Dichlorobenzene	17.83	146	1799823	7.128	ppbv		99
78) Hexachloro-1,3-Butadiene	23.38	225	1290653	6.469	ppbv		99
79) Naphthalene	22.21	128	2599827	7.878	ppbv		99
80) Naphthalene,2-methyl-	24.98	142	675401	8.305	ppbv		95
81) 1,2,4-Trichlorobenzene	21.94	180	1446736	7.491	ppbv		97

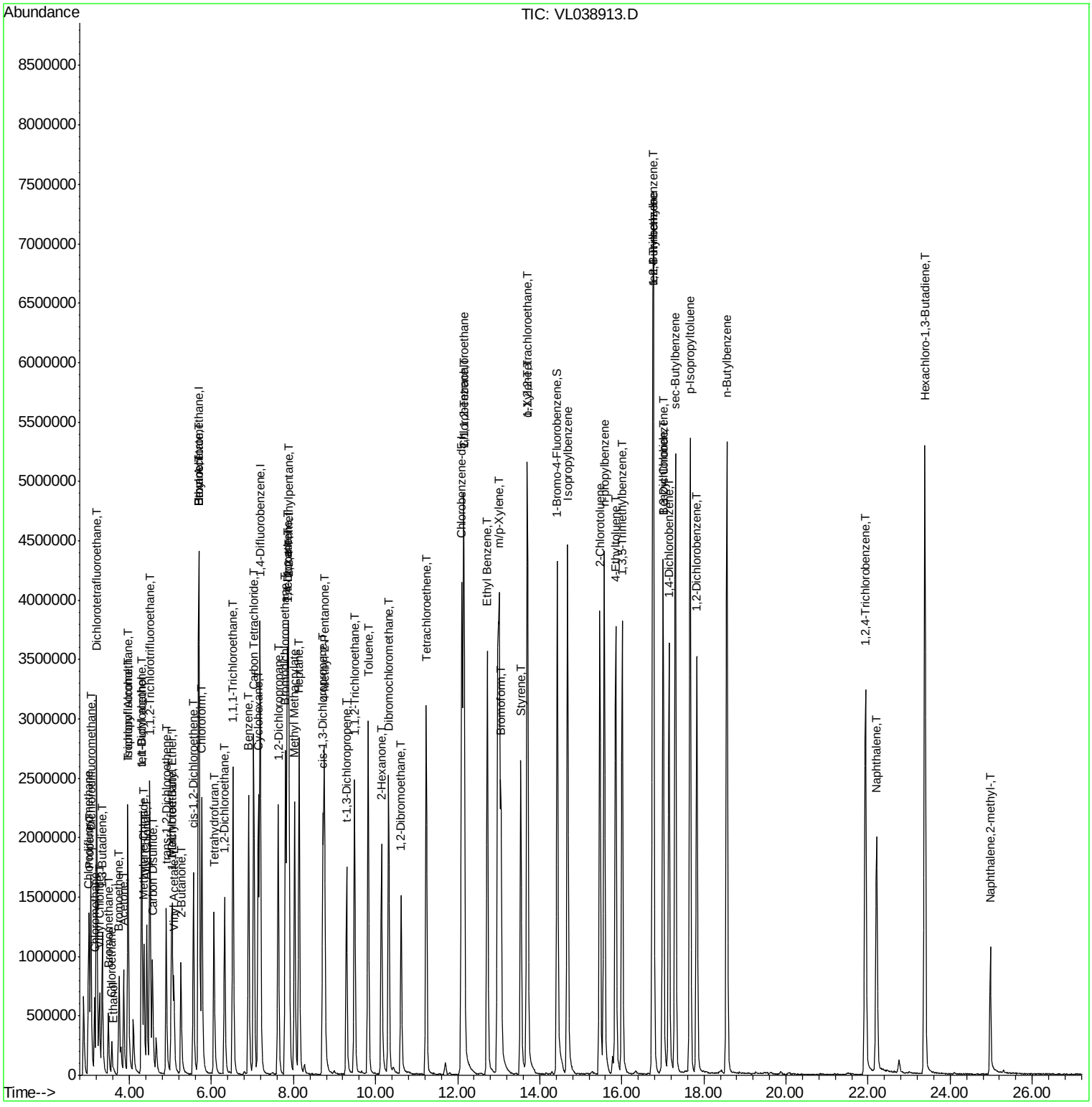
(#) = qualifier out of range (m) = manual integration (+) = signals summed

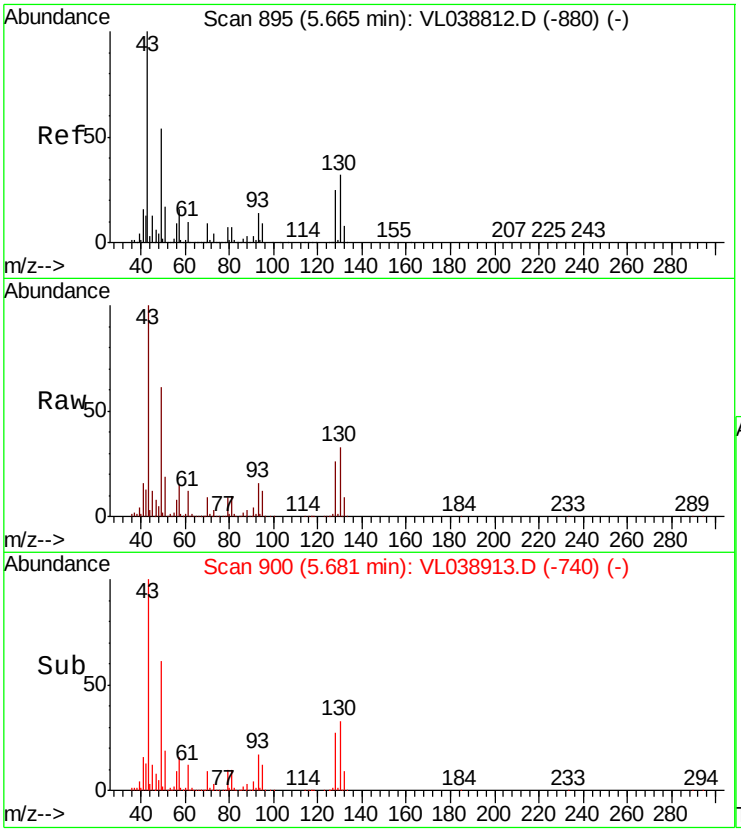
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041322\
Data File : VL038913.D
Acq On : 14 Apr 2022 8:45
Operator : SY/AP
Sample : VL0413ABS02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Quant Time: Apr 25 08:30:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration



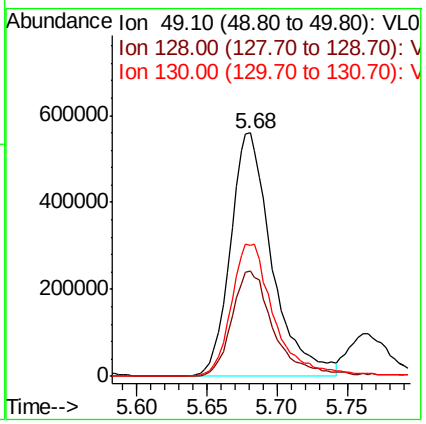


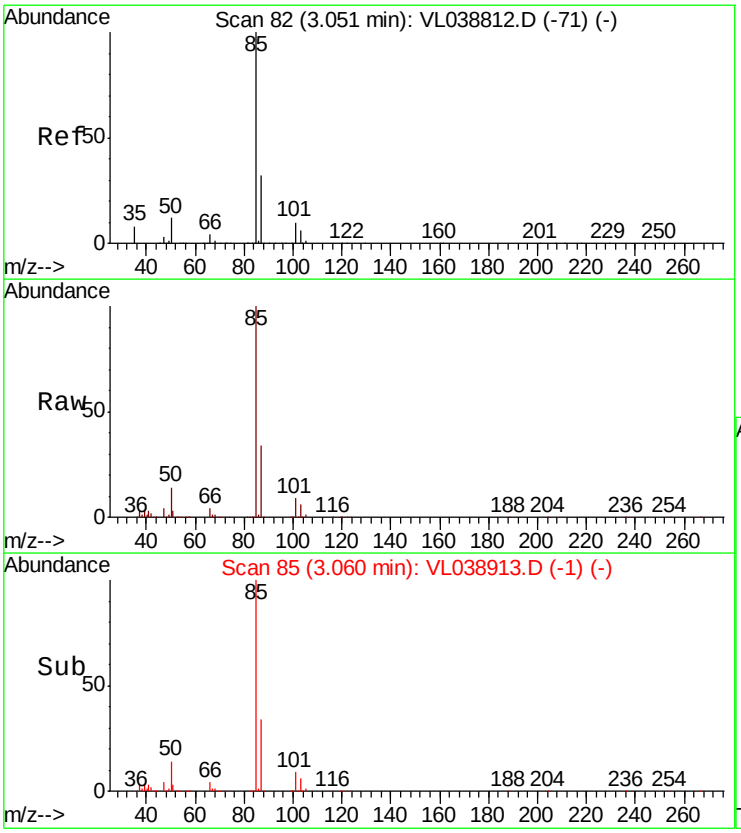
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 49 Resp: 1158274

Ion	Ratio	Lower	Upper
49	100		
128	44.7	24.1	72.3
130	56.1	30.9	92.8

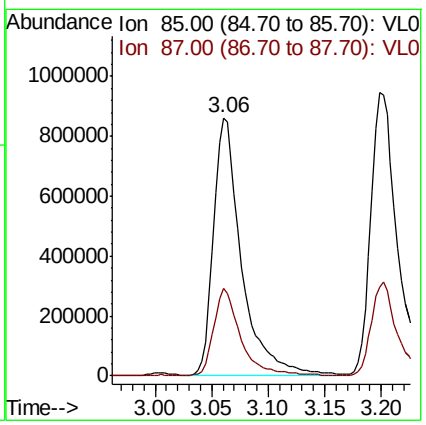


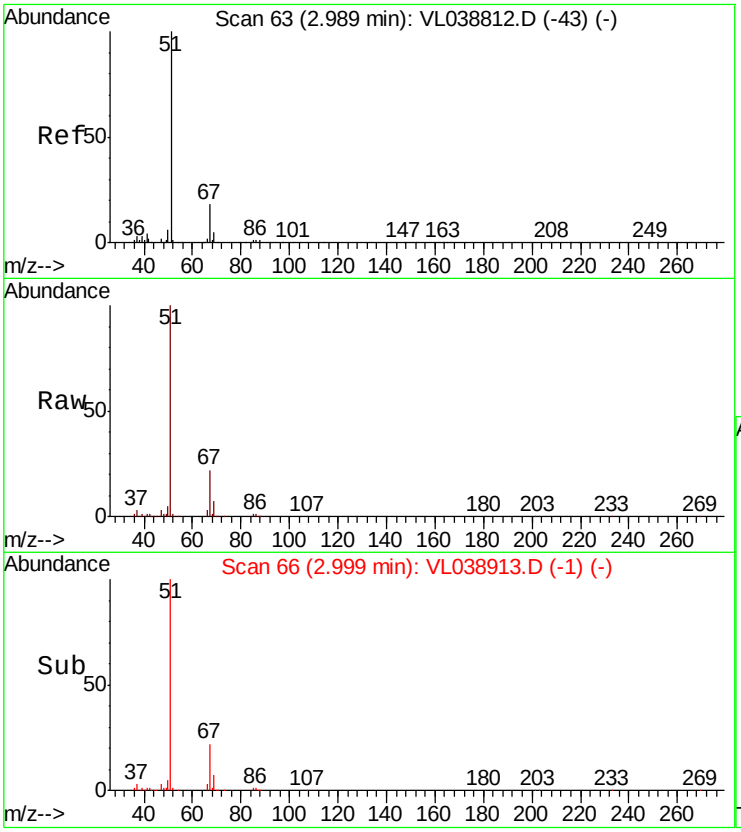


#2
Dichlorodifluoromethane
Concen: 9.017 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 85 Resp: 1481451

Ion	Ratio	Lower	Upper
85	100		
87	34.1	25.9	38.9



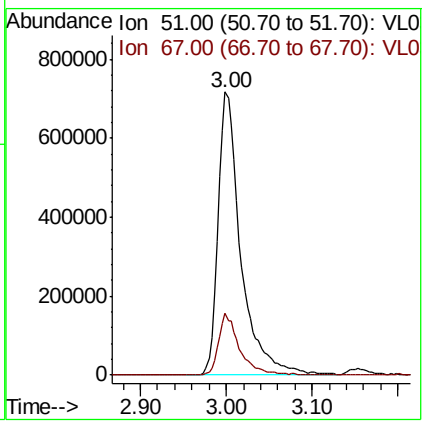


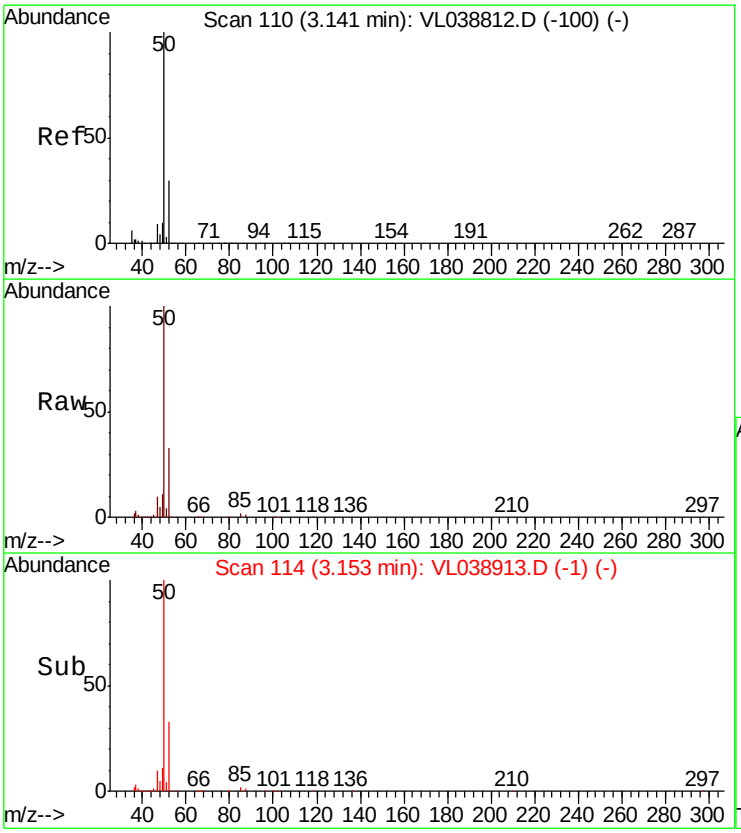
#3
Chlorodifluoromethane
Concen: 9.314 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 51 Resp: 1316634

Ion	Ratio	Lower	Upper
51	100		
67	20.4	13.4	20.0#

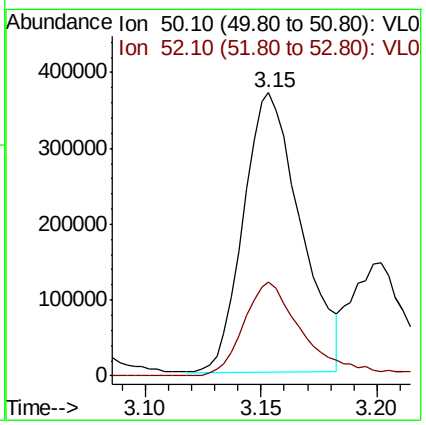


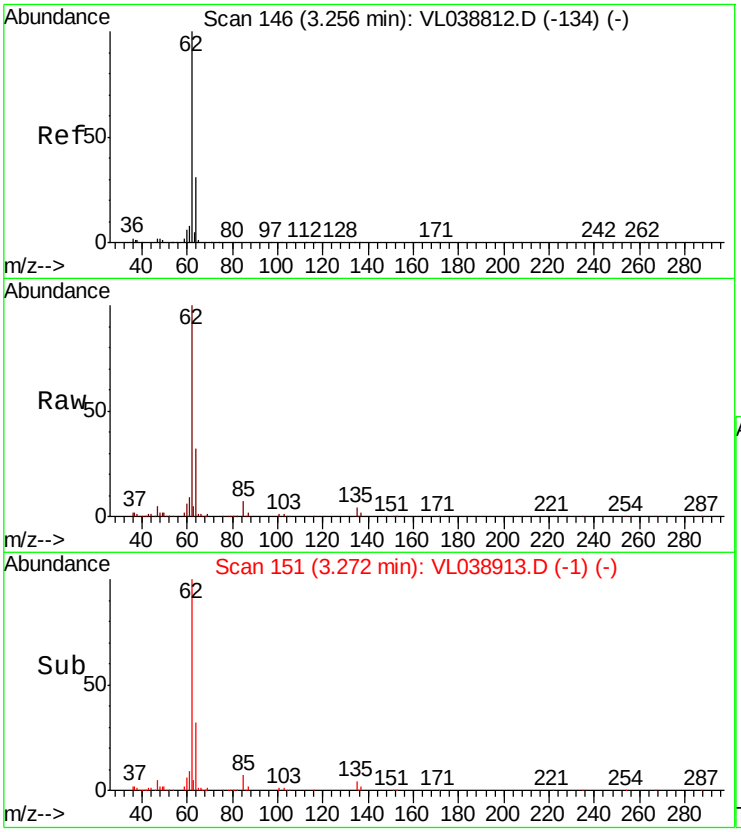


#4
Chloromethane
Concen: 8.643 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 50 Resp: 632636

Ion	Ratio	Lower	Upper
50	100		
52	33.8	24.3	36.5



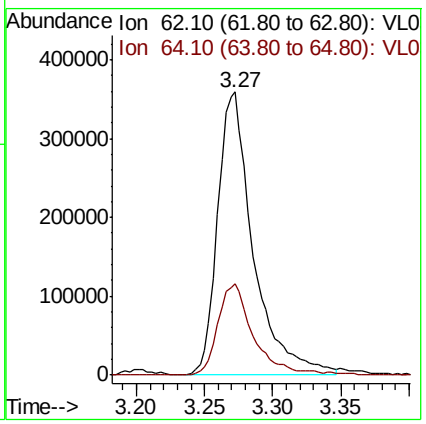


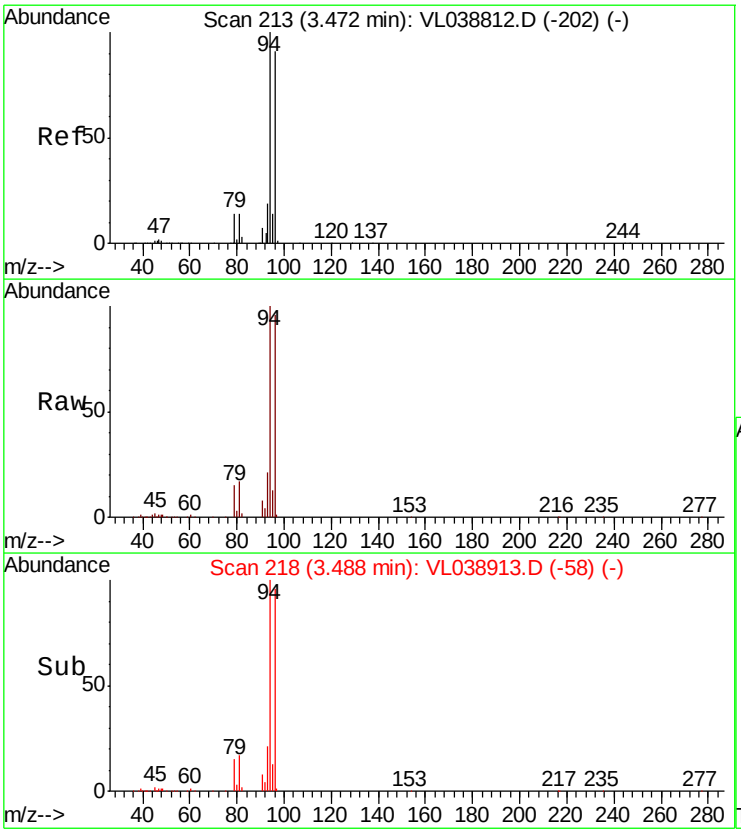
#5
Vinyl Chloride
Concen: 9.585 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 62 Resp: 648277

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.6	37.0

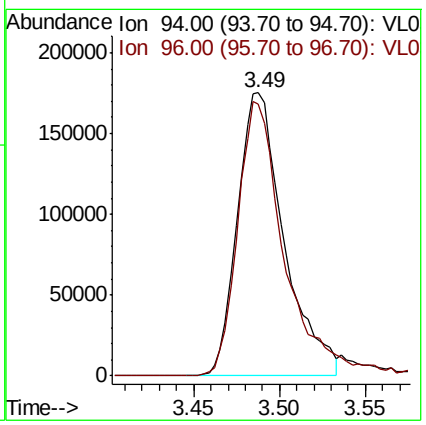


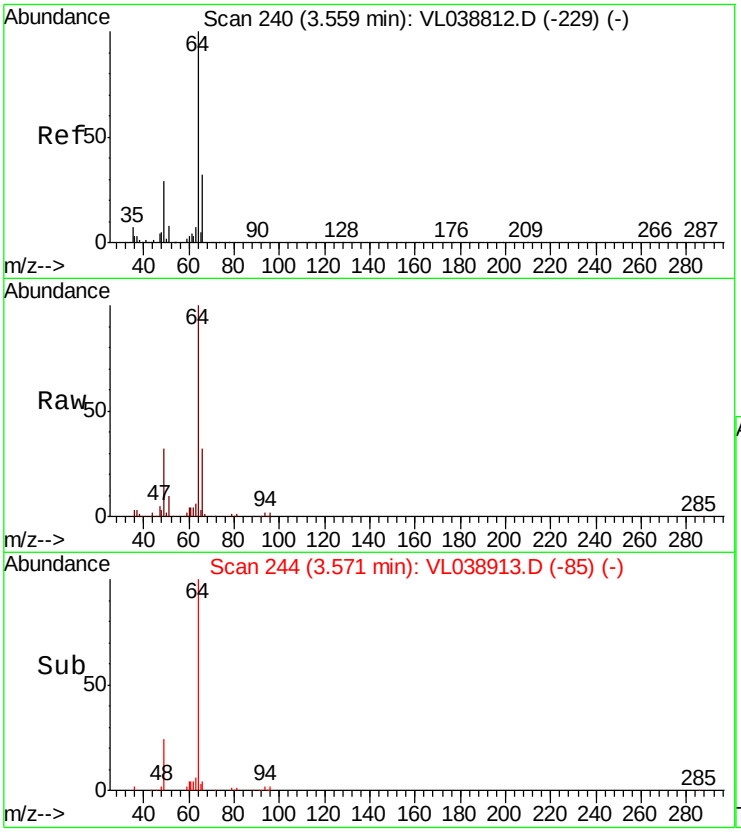


#6
Bromomethane
Concen: 10.094 ppbv
RT: 3.49 min Scan# 218
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 94 Resp: 330296

Ion	Ratio	Lower	Upper
94	100		
96	96.0	73.2	109.8



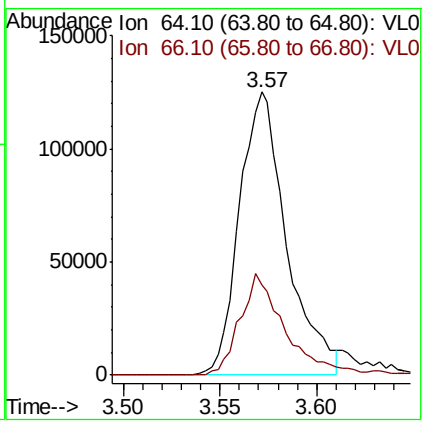


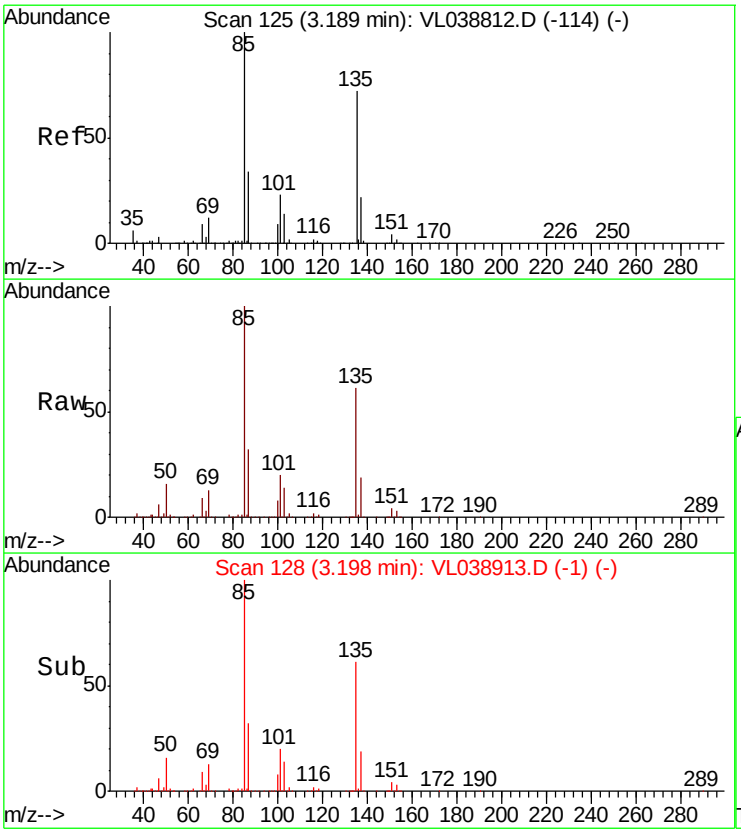
#7
Chloroethane
Concen: 9.436 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 64 Resp: 212815

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.4	38.2

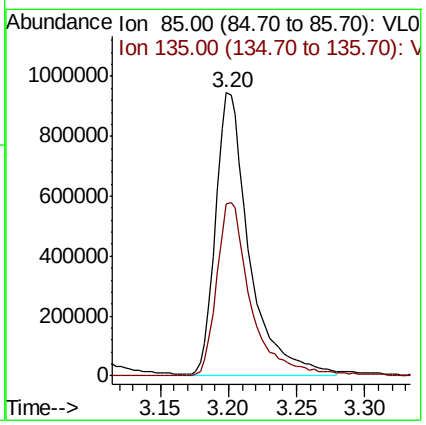


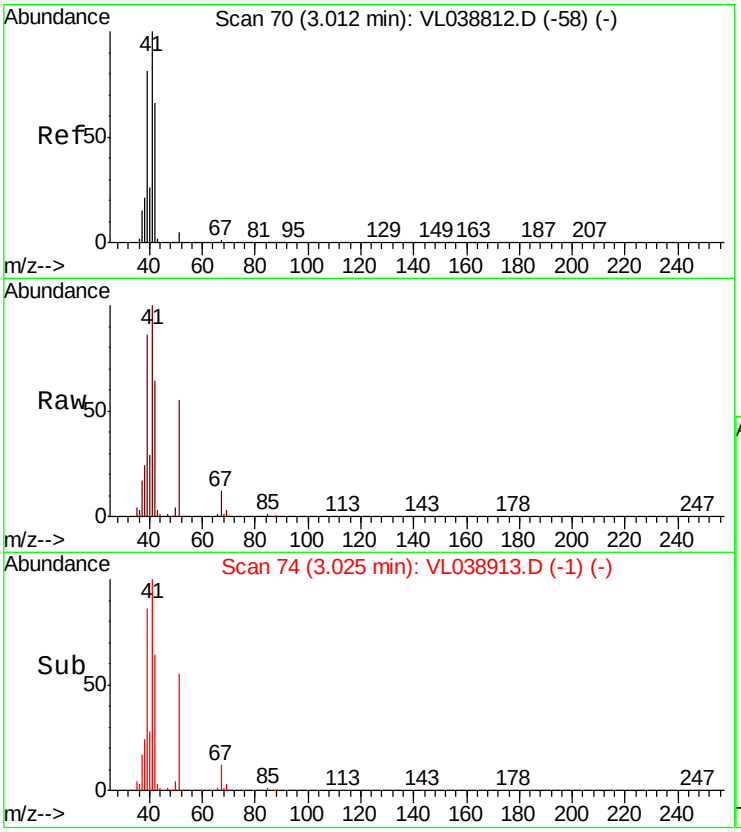


#8
Dichlorotetrafluoroethane
Concen: 10.514 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 85 Resp: 1613640

Ion	Ratio	Lower	Upper
85	100		
135	63.3	57.0	85.6



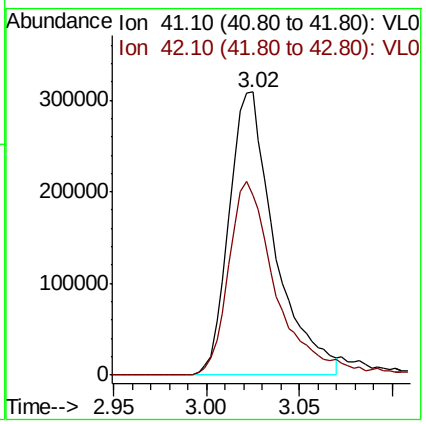


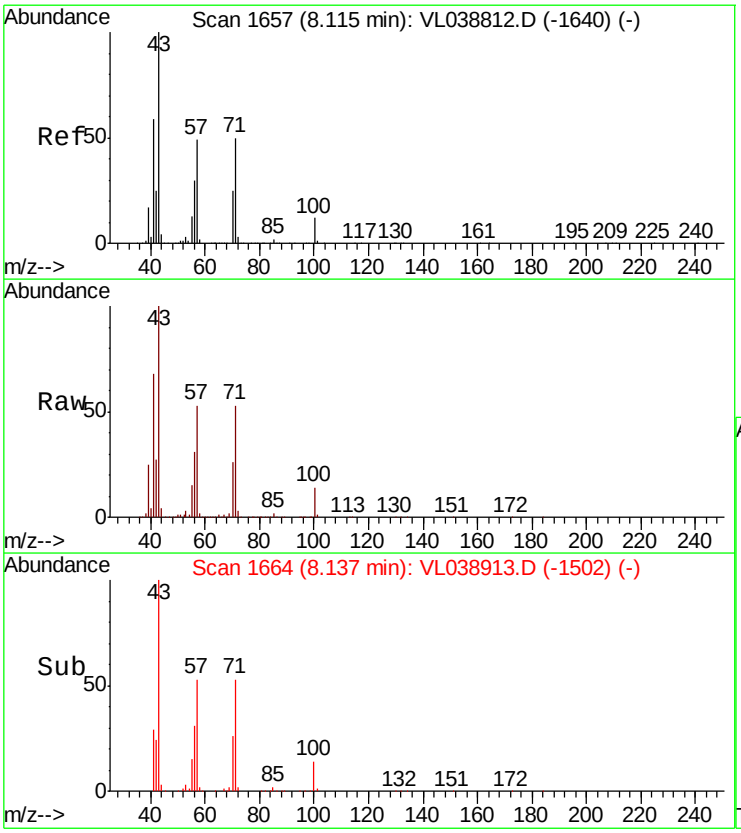
#9
Propene
Concen: 7.102 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 41 Resp: 531173

Ion	Ratio	Lower	Upper
41	100		
42	72.5	54.2	81.4

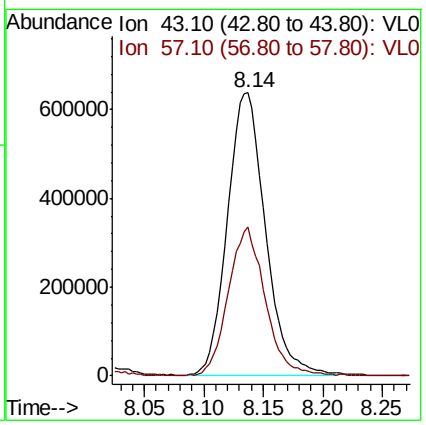


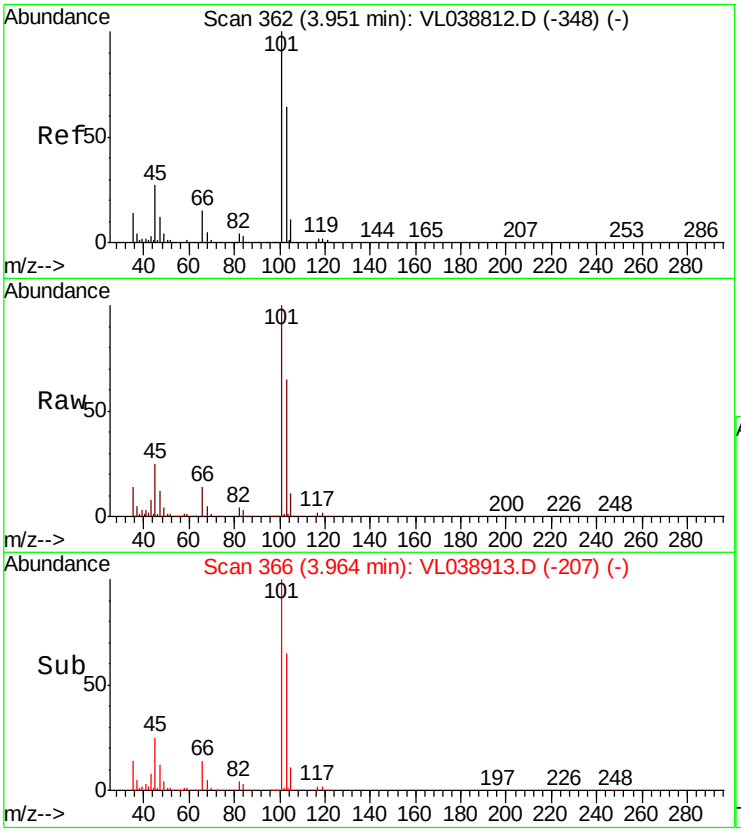


#10
Heptane
Concen: 7.447 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 43 Resp: 1402976

Ion	Ratio	Lower	Upper
43	100		
57	51.1	39.3	58.9



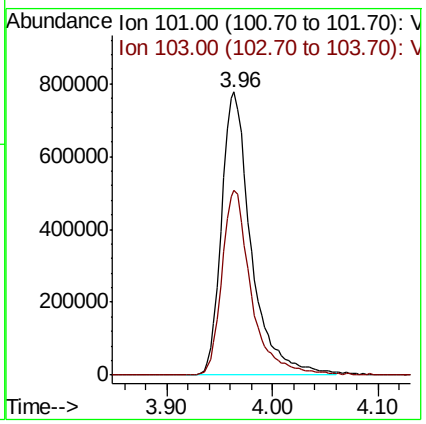


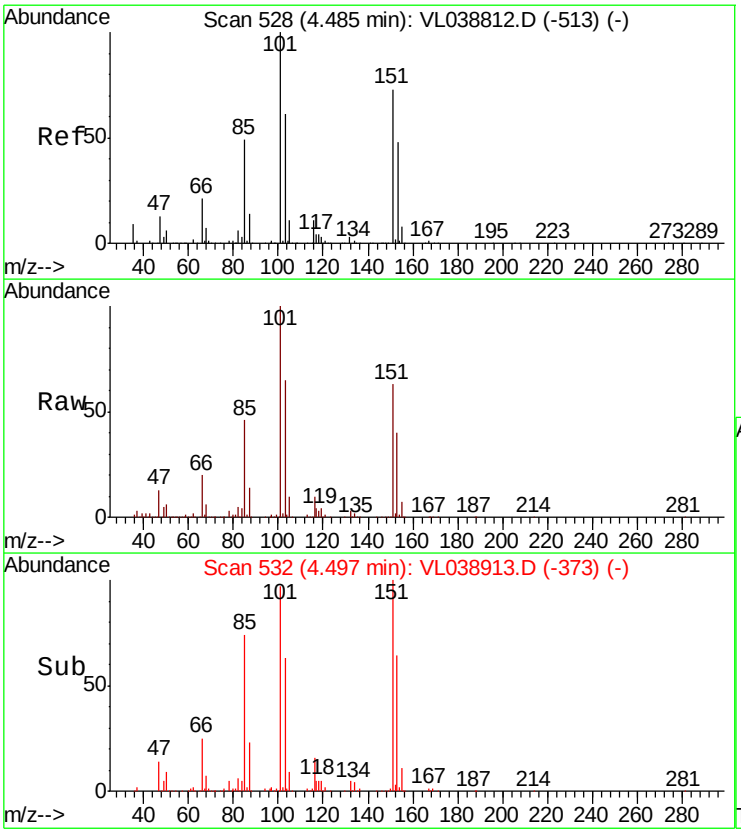
#11
Trichlorofluoromethane
Concen: 11.473 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:101 Resp: 1514720

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.4	77.0

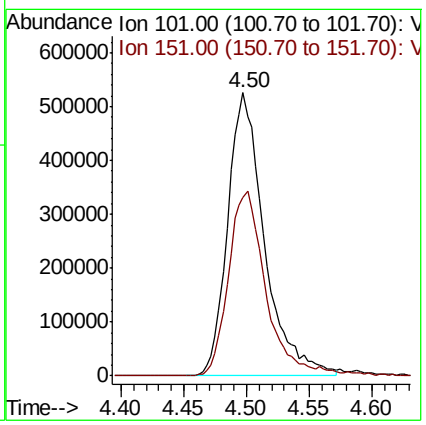


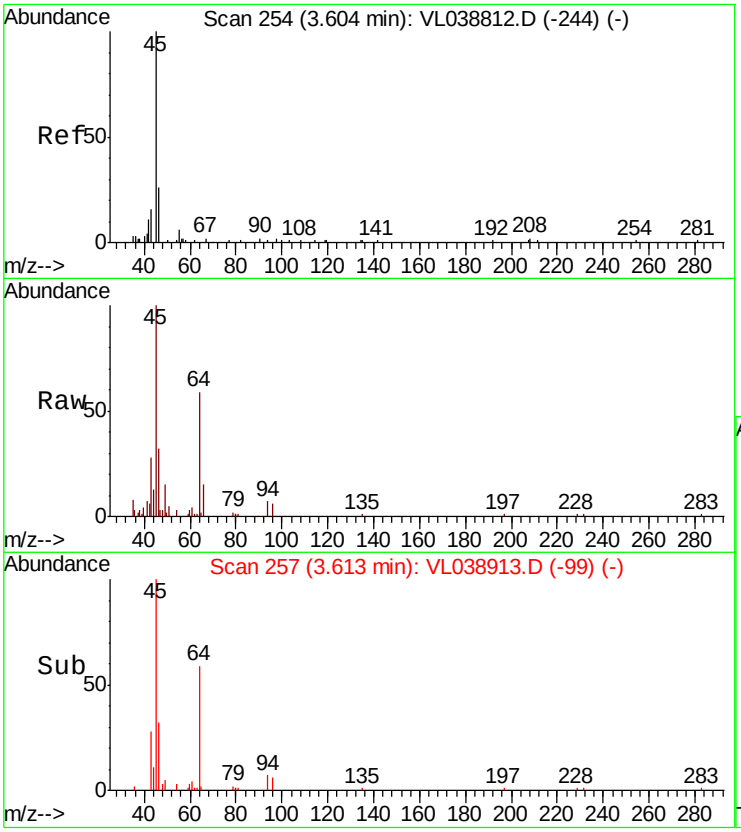


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.584 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:101 Resp: 1070293

Ion	Ratio	Lower	Upper
101	100		
151	67.4	59.9	89.9



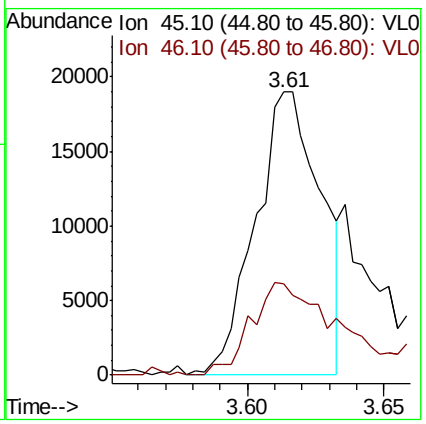


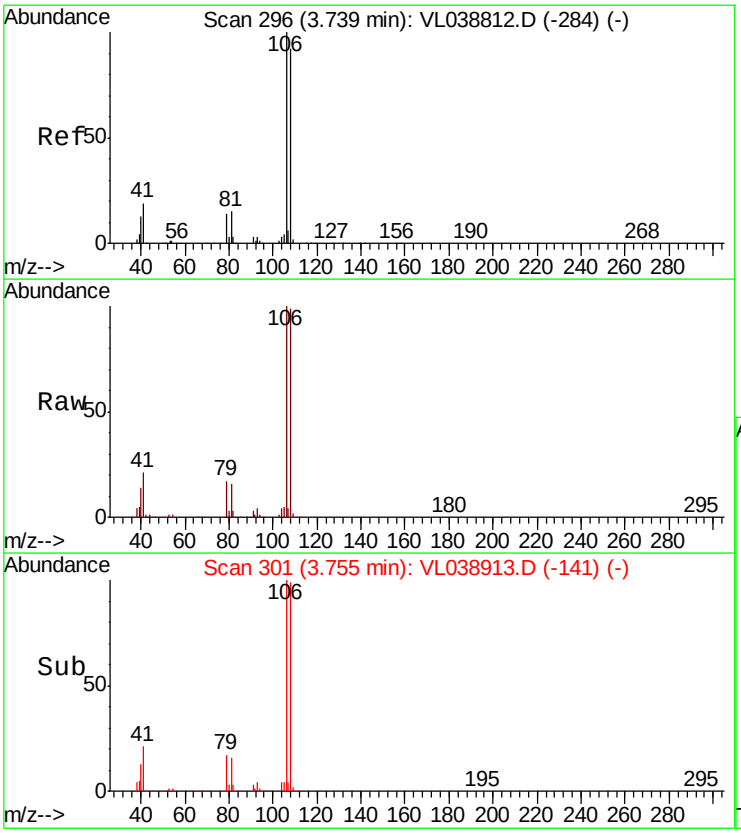
#13
Ethanol
Concen: 6.961 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 45 Resp: 31639

Ion	Ratio	Lower	Upper
45	100		
46	53.5	0.0	0.0#

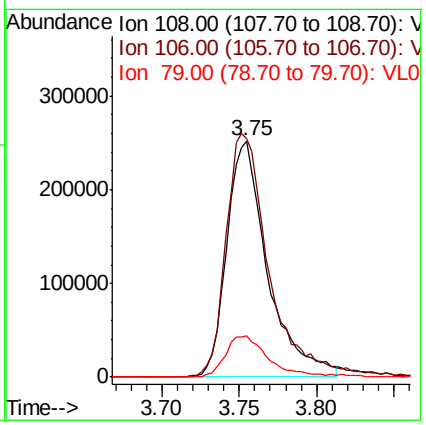


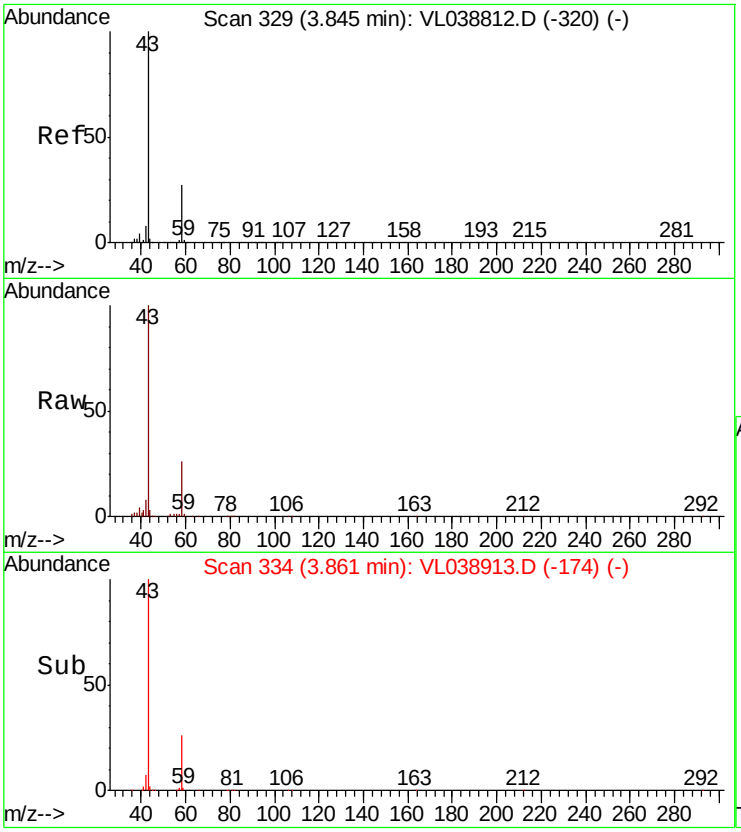


#14
Bromoethene
Concen: 10.342 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:108 Resp: 459947

Ion	Ratio	Lower	Upper
108	100		
106	110.3	91.5	137.3
79	19.3	13.7	20.5



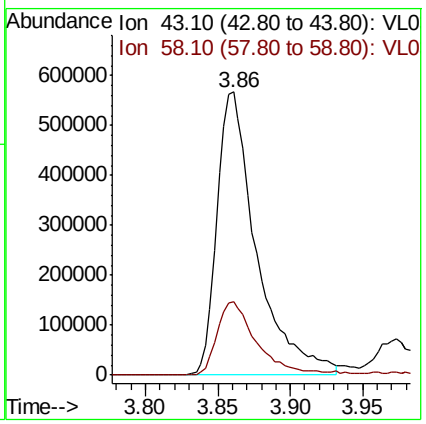


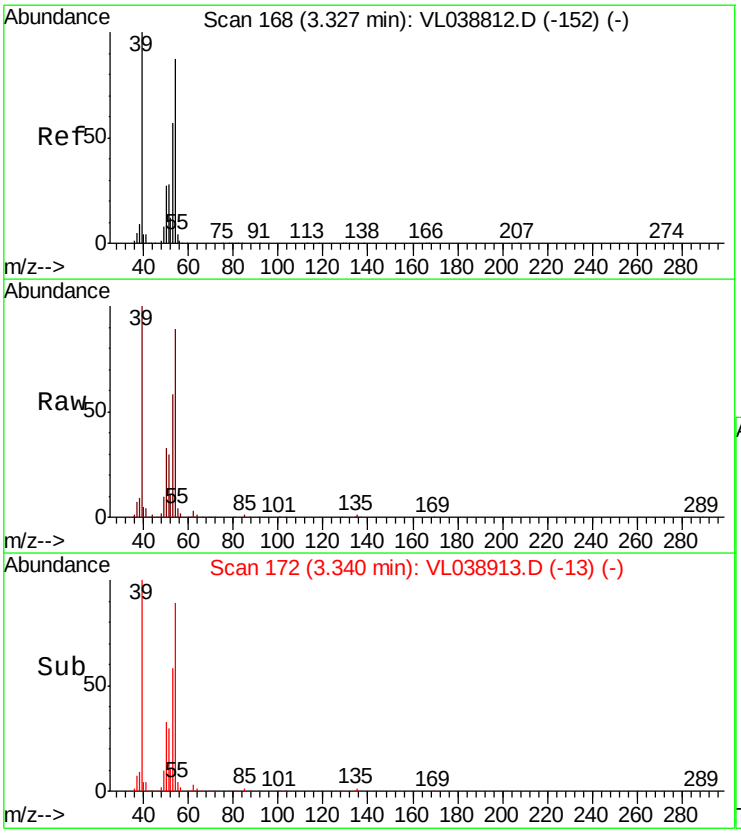
#15
Acetone
Concen: 9.269 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 43 Resp: 1068851

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.5	33.7

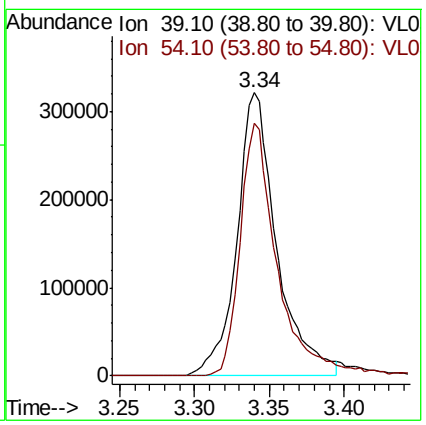


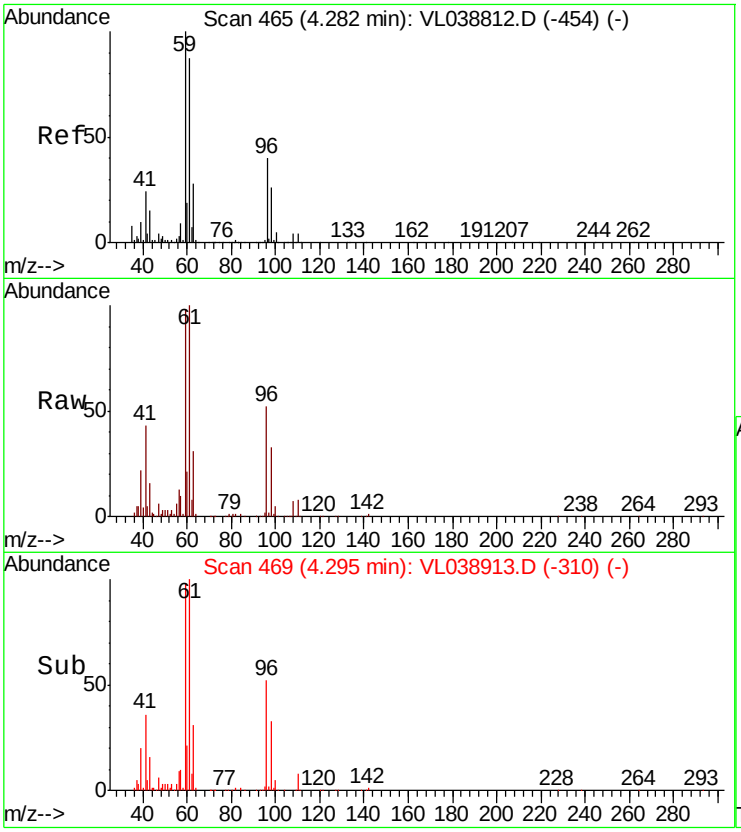


#16
1,3-Butadiene
Concen: 8.962 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 39 Resp: 590806

Ion	Ratio	Lower	Upper
39	100		
54	85.1	64.8	97.2



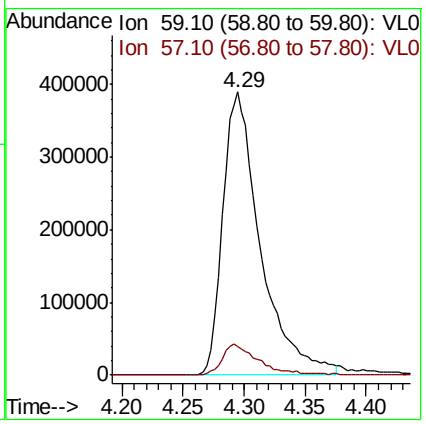


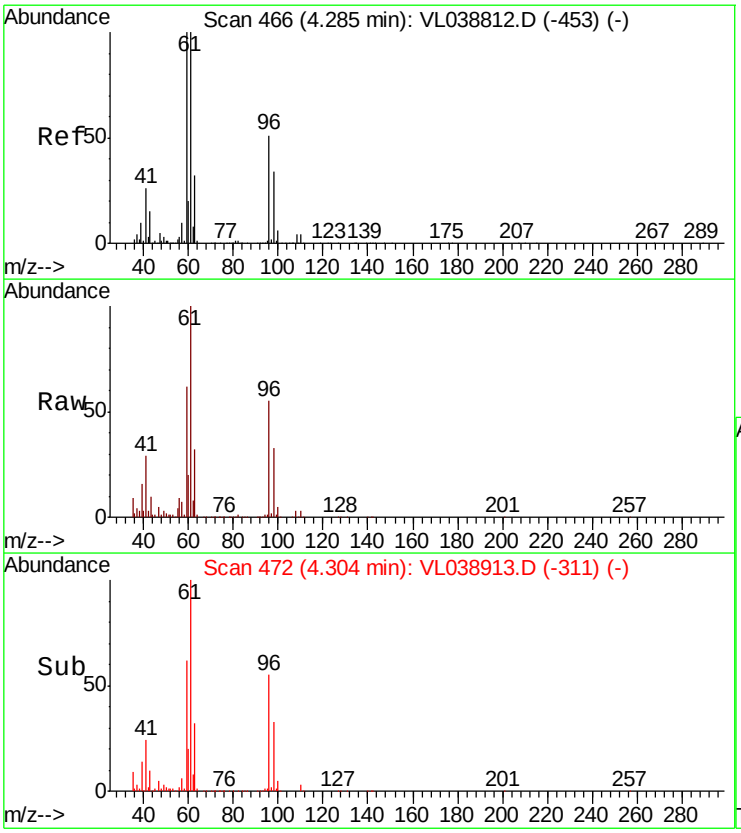
#17
tert-Butyl alcohol
Concen: 8.130 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 59 Resp: 840664

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.5	12.7

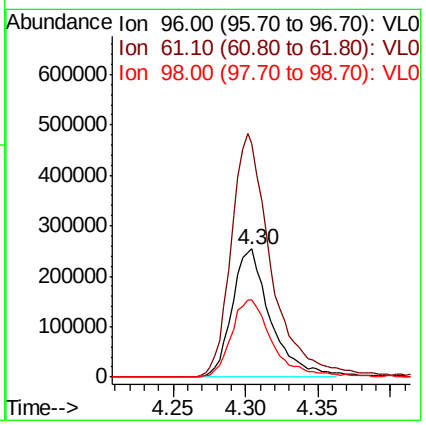


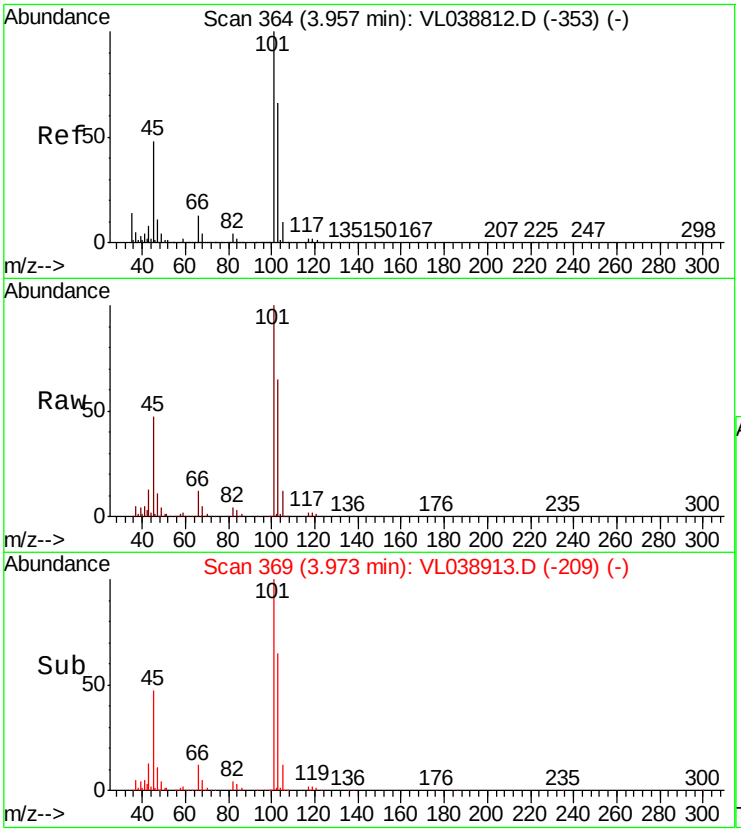


#18
1,1-Dichloroethene
Concen: 10.129 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 96 Resp: 466941

Ion	Ratio	Lower	Upper
96	100		
61	182.5	156.1	234.1
98	60.3	53.0	79.6



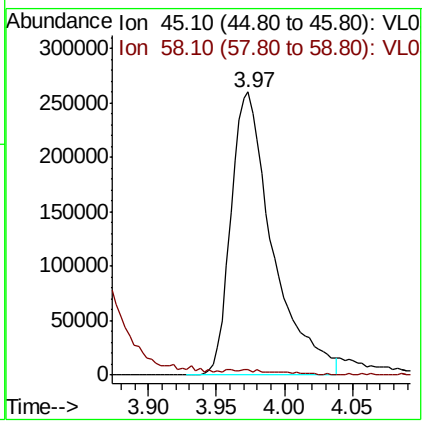


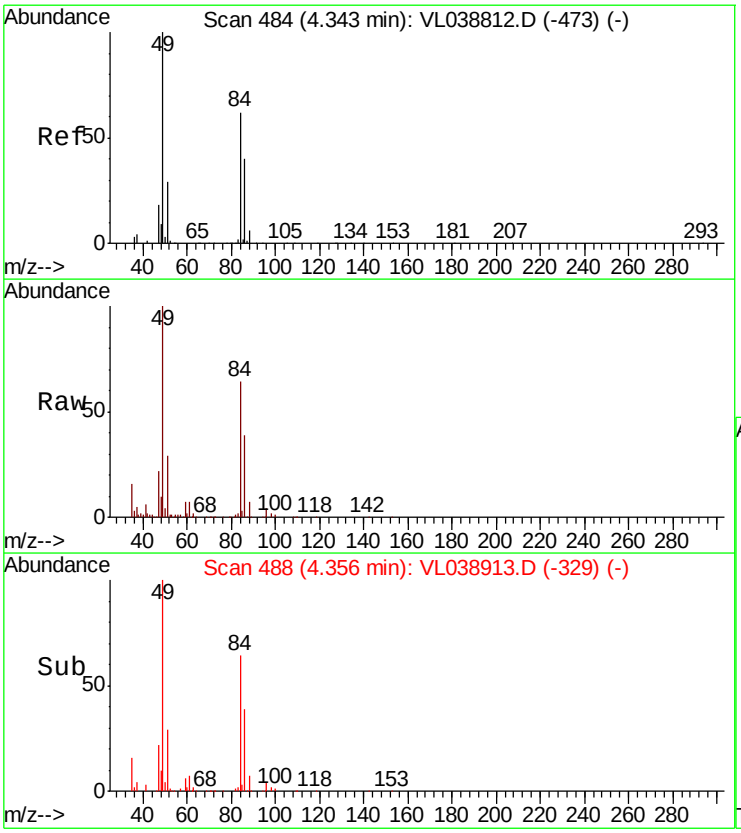
#19
Isopropyl Alcohol
Concen: 9.374 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 45 Resp: 552516

Ion	Ratio	Lower	Upper
45	100		
58	2.1	0.0	0.0#

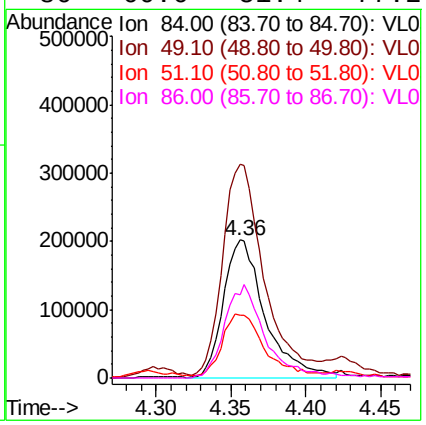


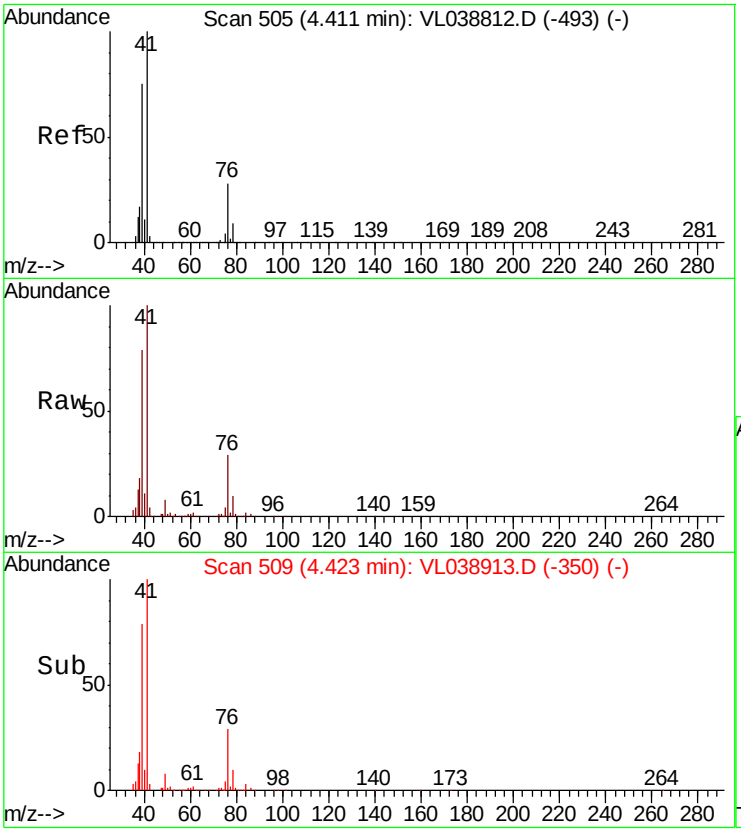


#20
Methylene Chloride
Concen: 9.274 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 84 Resp: 387866

Ion	Ratio	Lower	Upper
84	100		
49	153.0	129.4	194.0
51	43.8	37.4	56.2
86	60.6	51.4	77.2



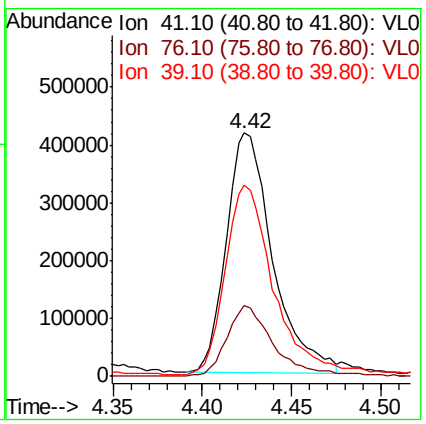


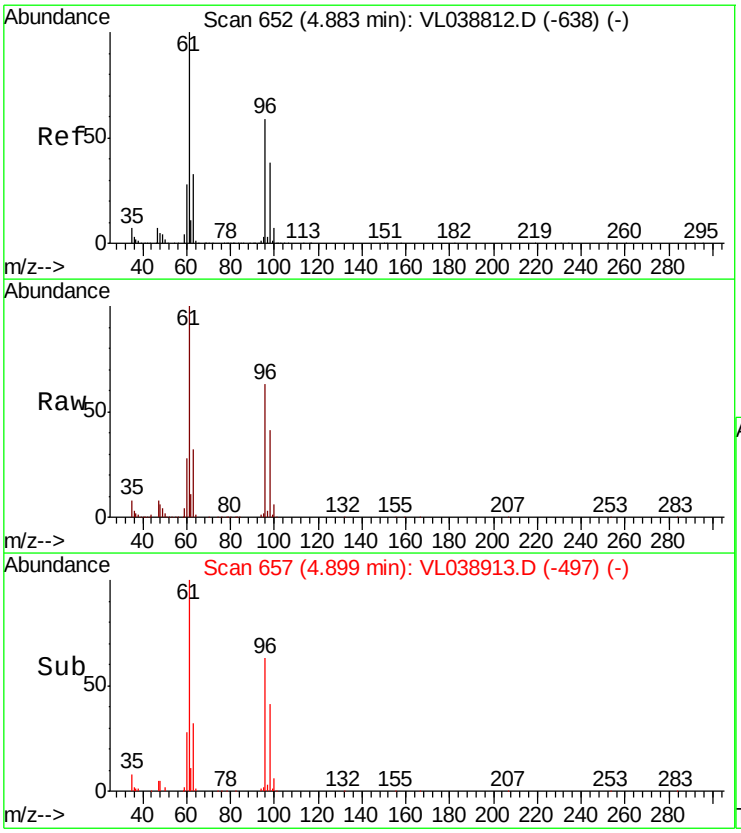
#21
Allvl Chloride
Concen: 8.758 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 41 Resp: 756220

Ion	Ratio	Lower	Upper
41	100		
76	30.0	23.7	35.5
39	84.2	62.0	93.0

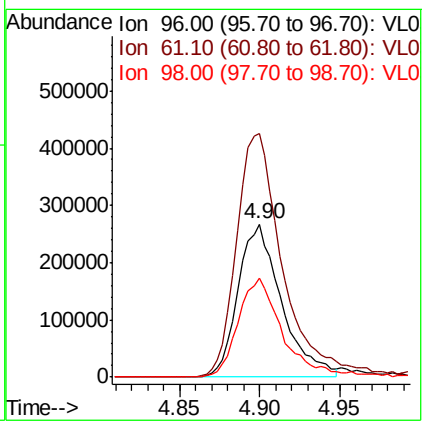


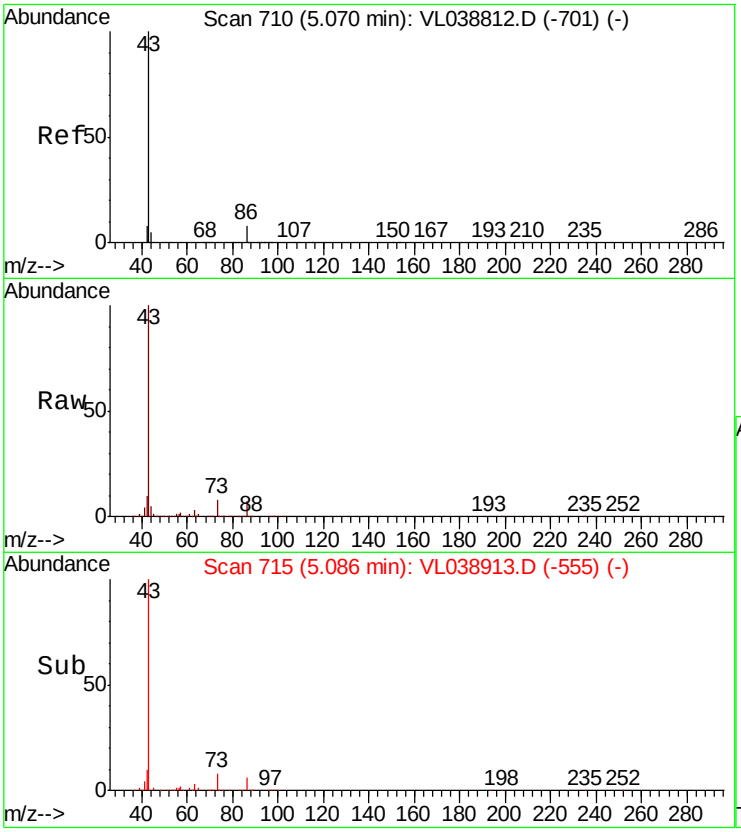


#22
trans-1,2-Dichloroethene
Concen: 10.627 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 96 Resp: 495992

Ion	Ratio	Lower	Upper
96	100		
61	159.2	134.8	202.2
98	64.7	51.9	77.9



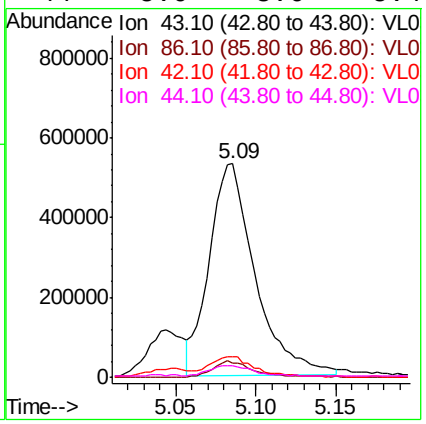


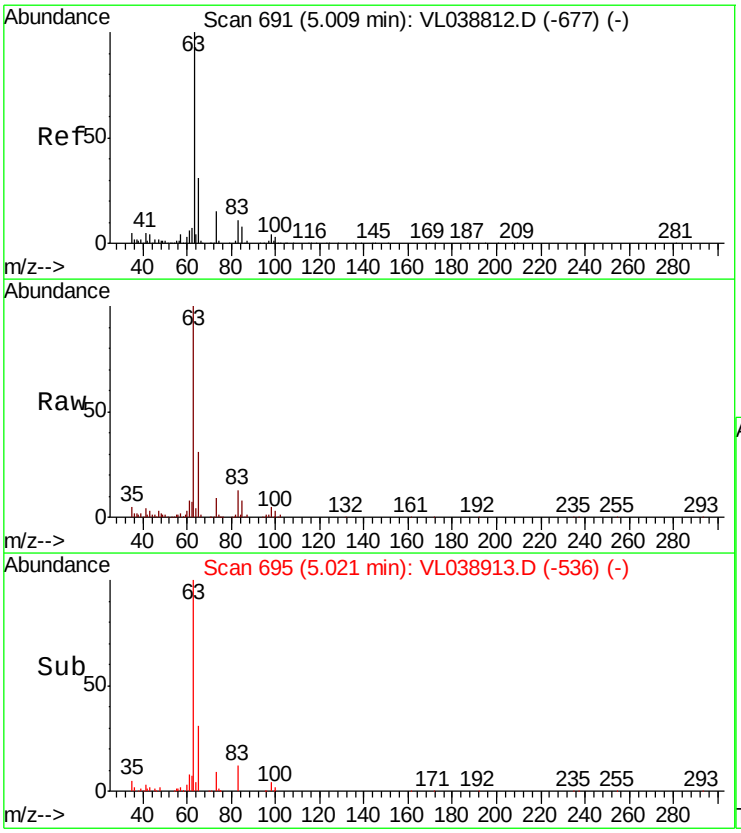
#23
Vinyl Acetate
Concen: 9.381 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 43 Resp: 1053536

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.8	8.6
42	9.6	7.8	11.6
44	5.0	3.6	5.4

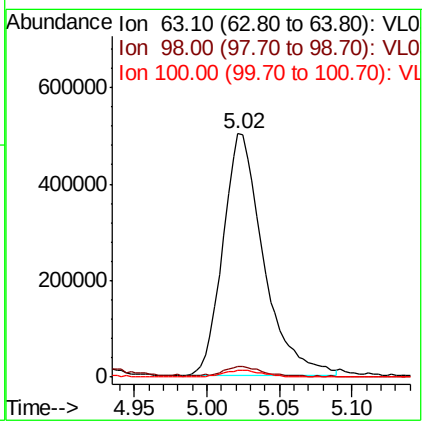


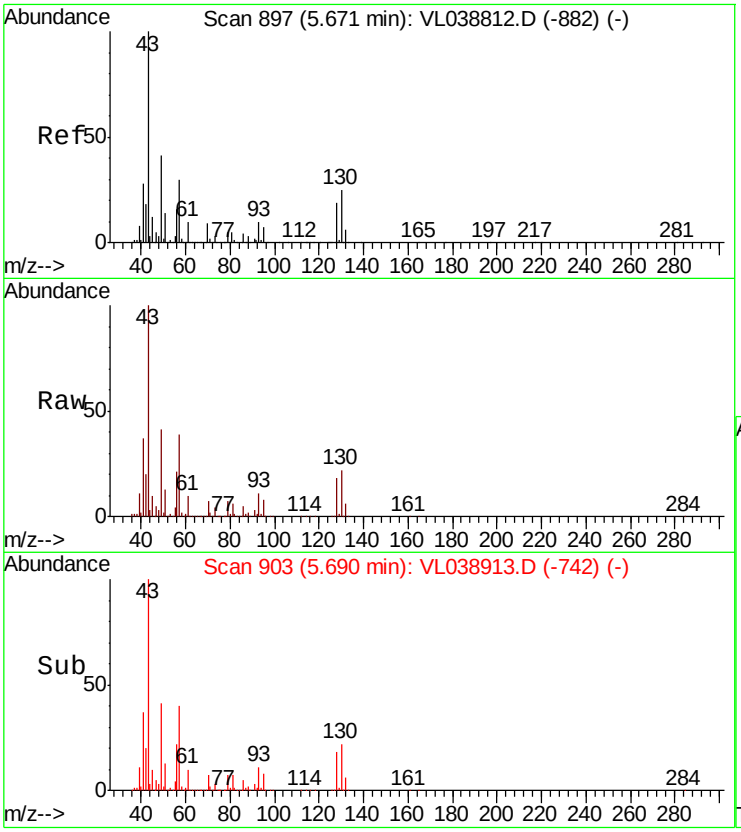


#24
1,1-Dichloroethane
Concen: 9.568 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 63 Resp: 970997

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.2	6.6
100	2.6	1.4	4.0



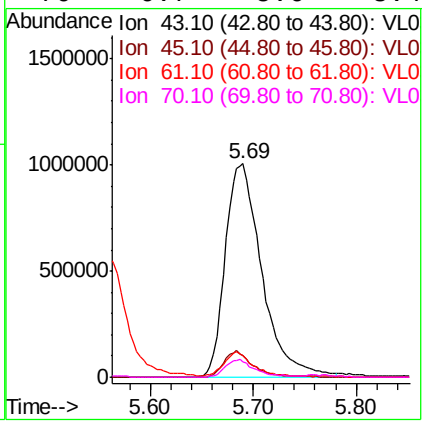


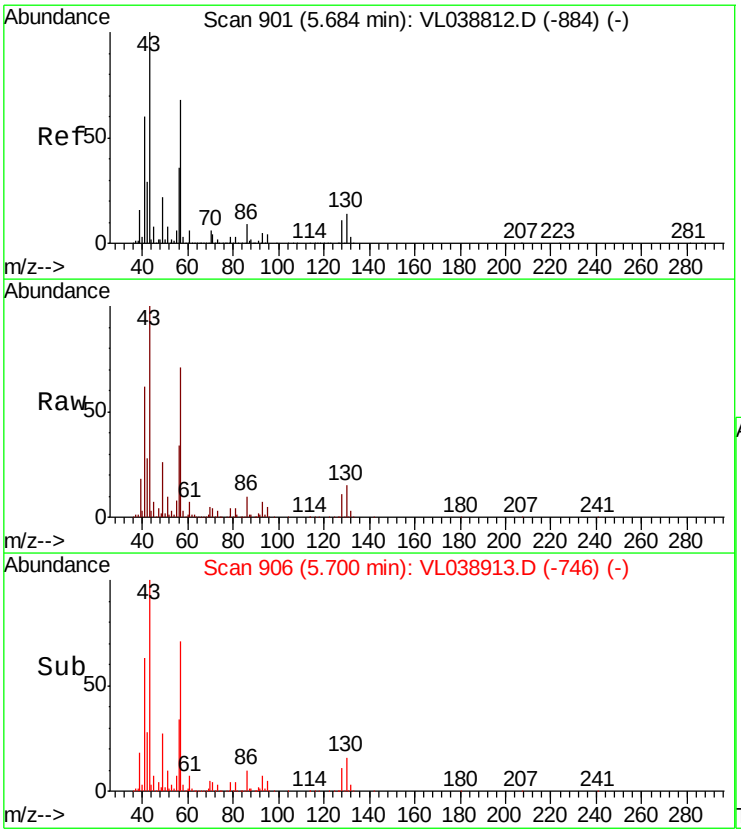
#25
Ethyl Acetate
Concen: 8.462 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 43 Resp: 2475970

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.4	12.6
61	10.0	7.9	11.9
70	6.7	5.6	8.4

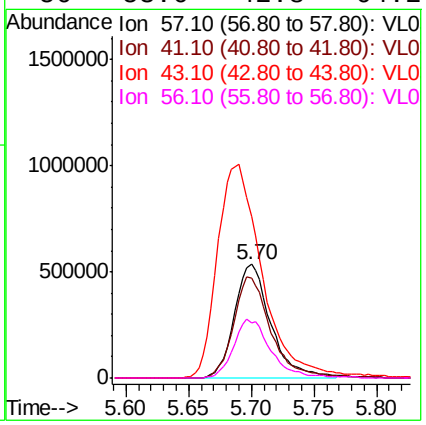


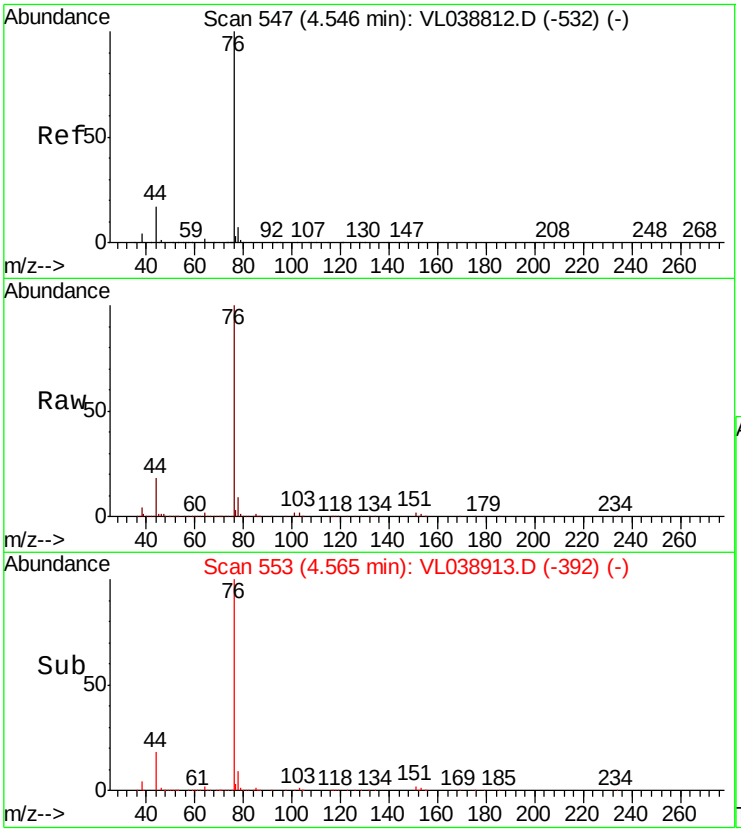


#26
Hexane
Concen: 8.073 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 57 Resp: 1075182

Ion	Ratio	Lower	Upper
57	100		
41	92.7	72.0	108.0
43	233.4	186.6	280.0
56	53.6	42.8	64.2



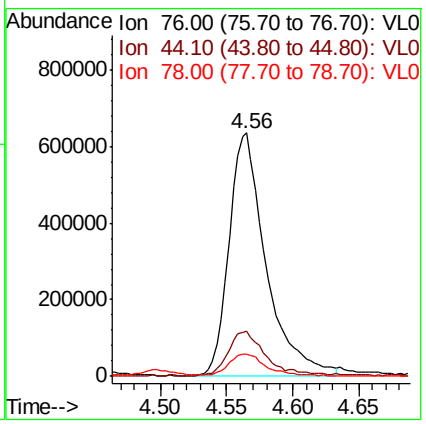


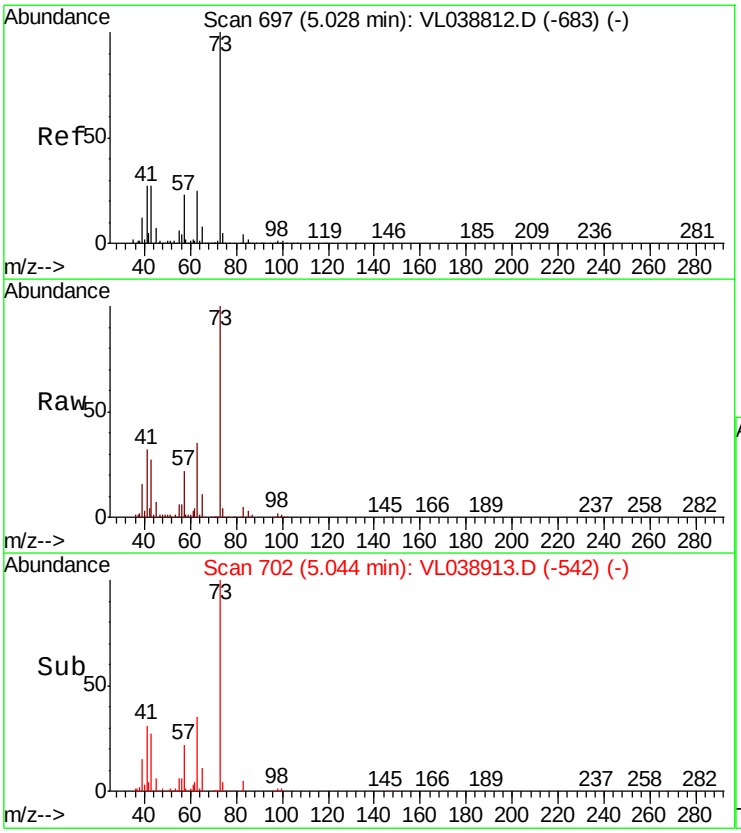
#27
Carbon Disulfide
Concen: 10.096 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 76 Resp: 1233080

Ion	Ratio	Lower	Upper
76	100		
44	19.3	15.7	23.5
78	9.9	7.8	11.8

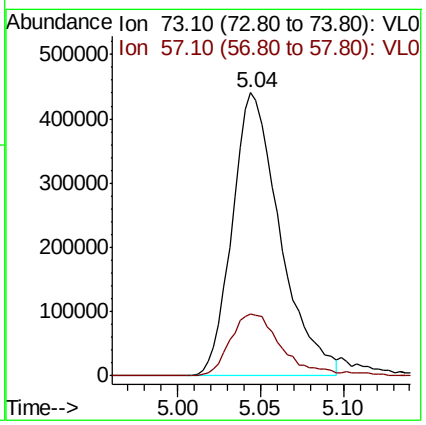


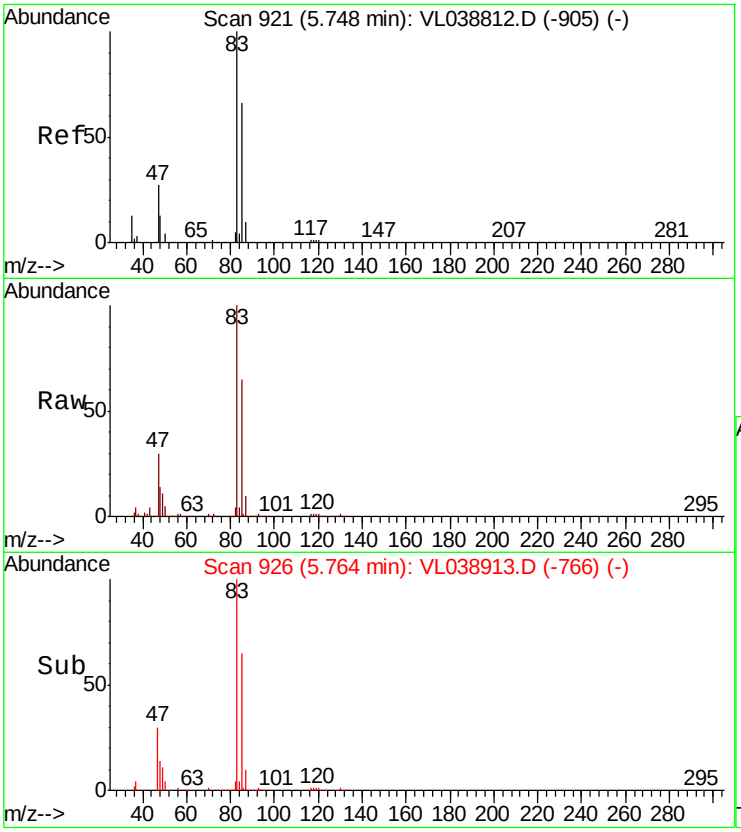


#28
Methyl tert-Butyl Ether
Concen: 8.586 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 73 Resp: 883214

Ion	Ratio	Lower	Upper
73	100		
57	24.5	19.7	29.5



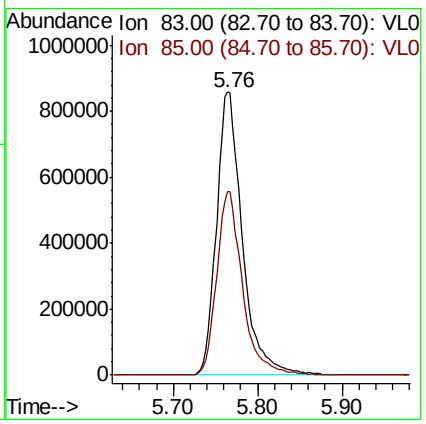


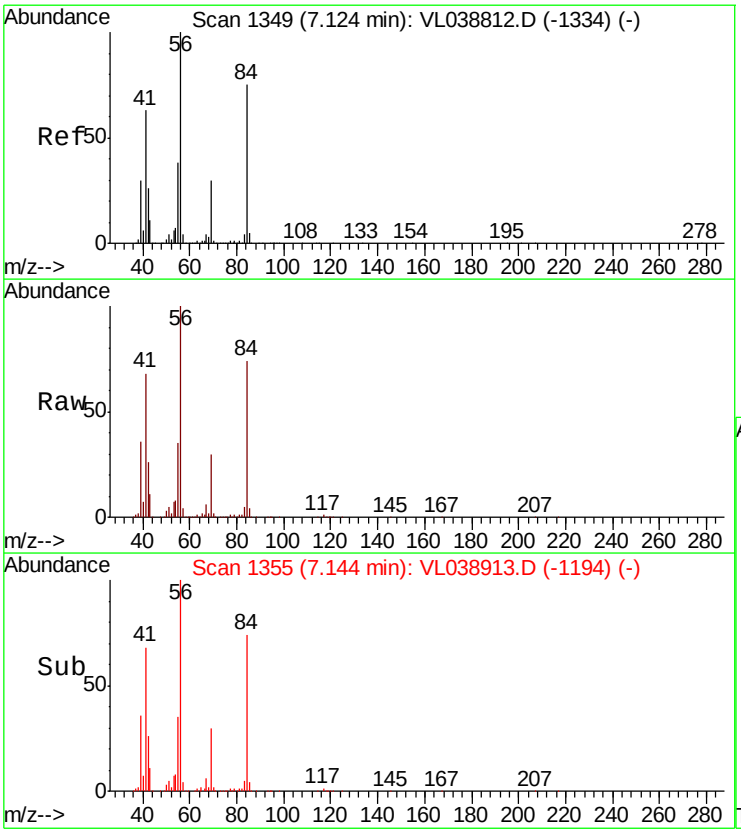
#29
Chloroform
Concen: 9.799 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 83 Resp: 1825980

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.5	78.7

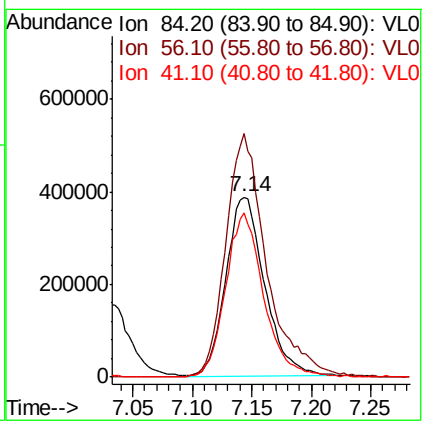


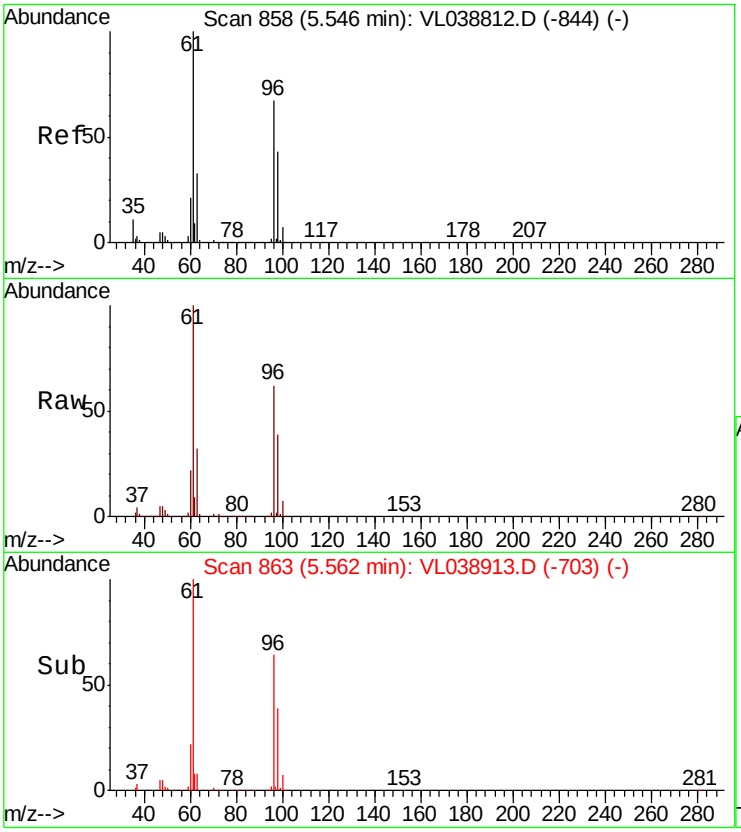


#30
Cyclohexane
Concen: 7.425 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 84 Resp: 871596

Ion	Ratio	Lower	Upper
84	100		
56	144.1	114.4	171.6
41	90.6	69.0	103.4



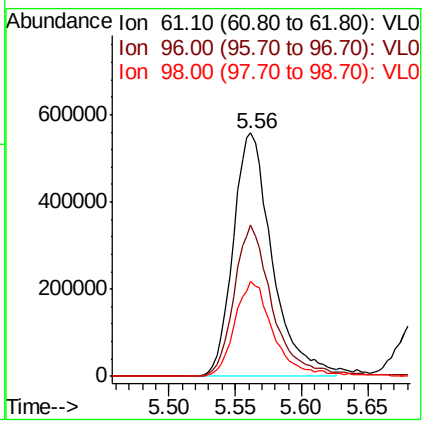


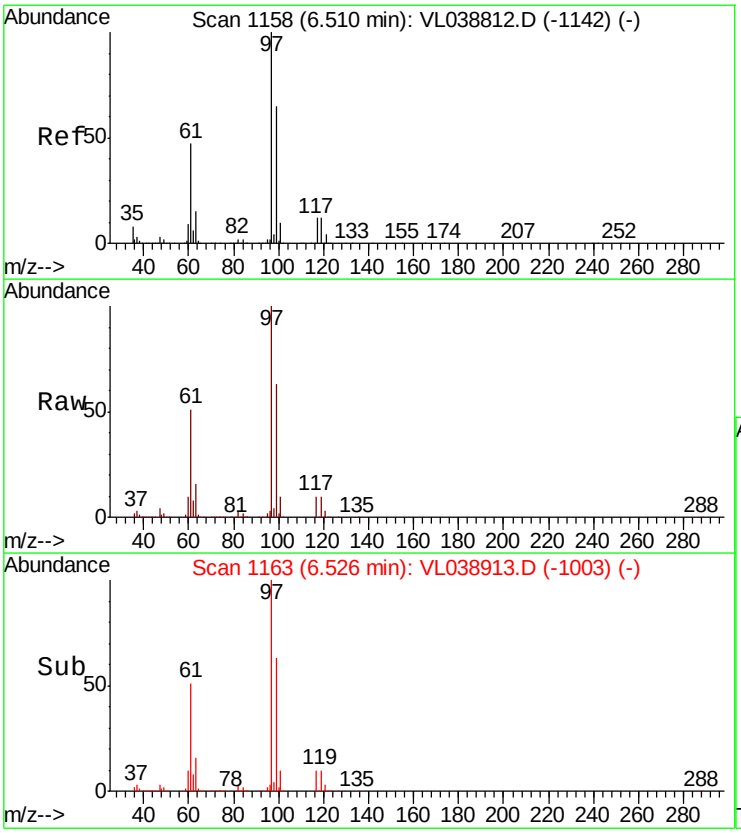
#31
cis-1,2-Dichloroethene
Concen: 9.333 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 61 Resp: 1142933

Ion	Ratio	Lower	Upper
61	100		
96	62.4	53.4	80.0
98	39.3	34.2	51.4

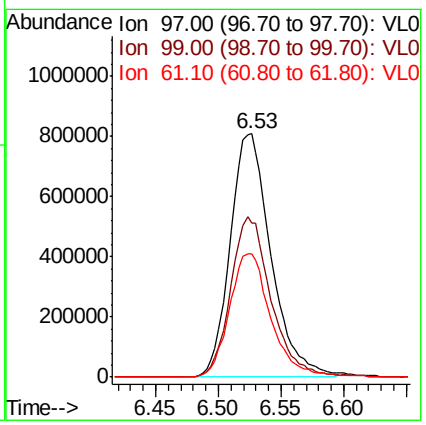


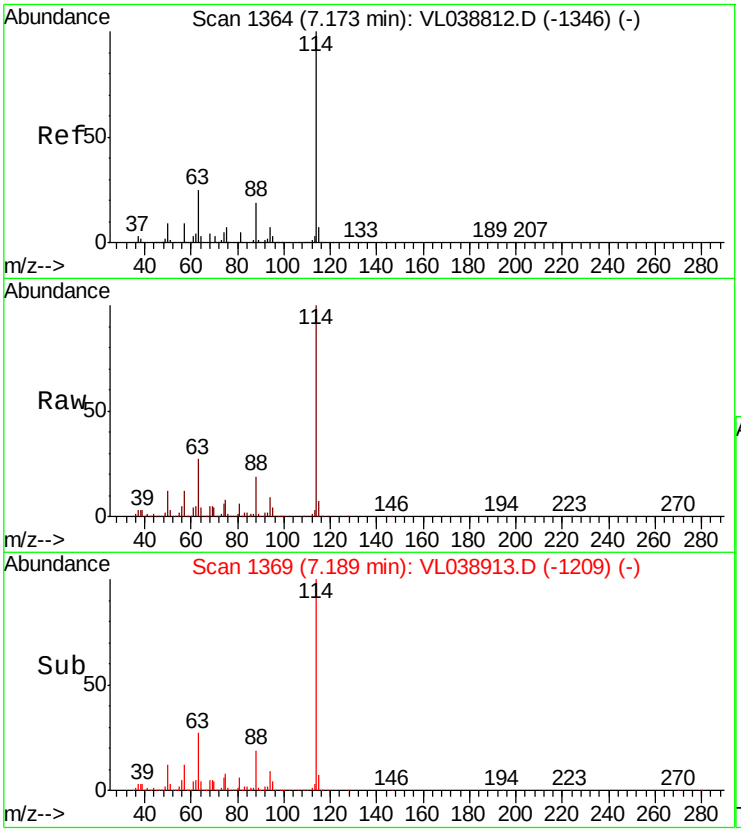


#32
1,1,1-Trichloroethane
Concen: 9.751 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 97 Resp: 1830722

Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.4	78.6
61	51.7	38.6	57.8



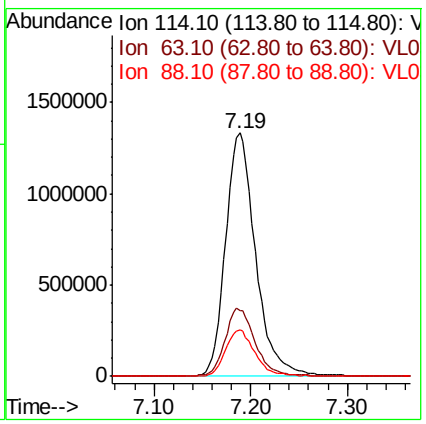


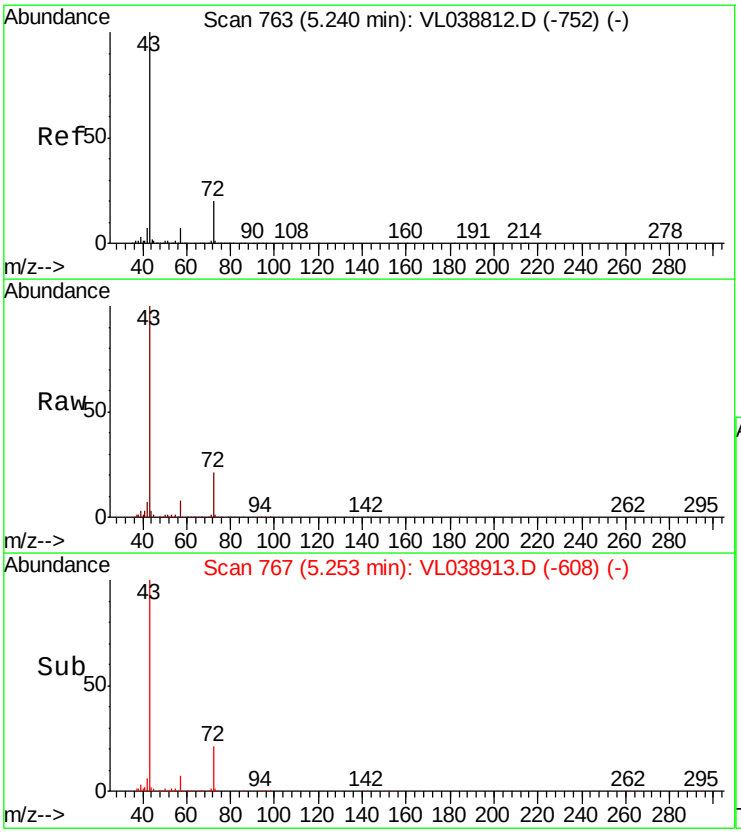
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:114 Resp: 2879134

Ion	Ratio	Lower	Upper
114	100		
63	28.4	19.8	29.8
88	19.0	14.2	21.4

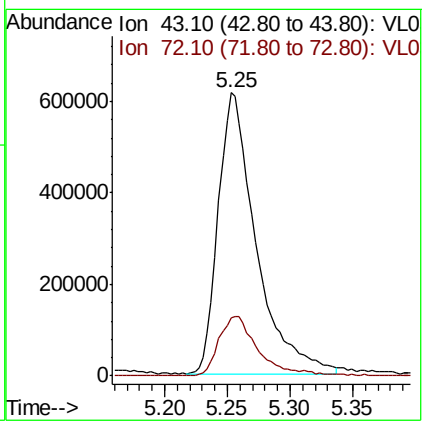


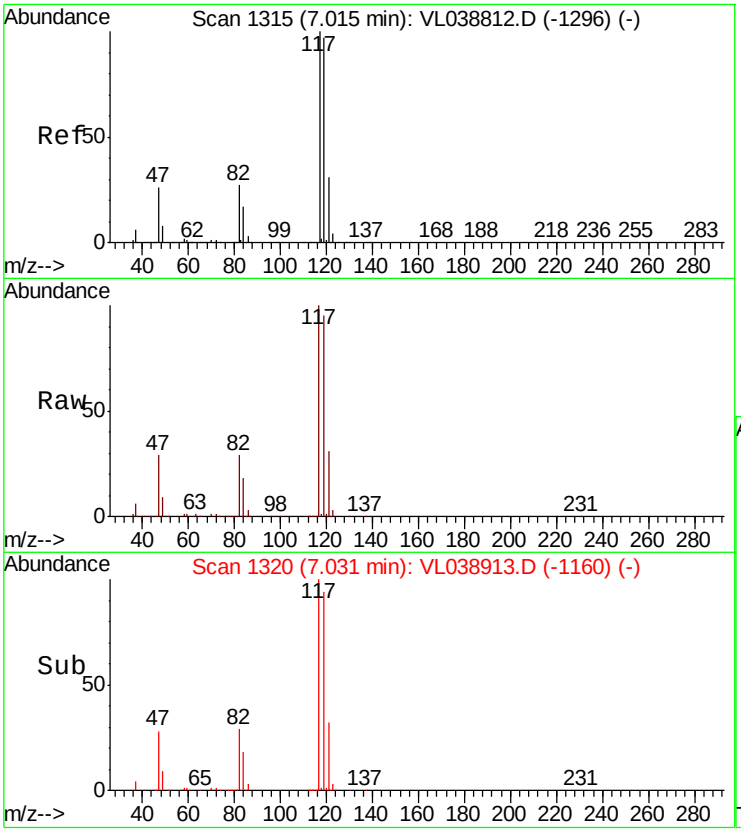


#34
2-Butanone
Concen: 11.393 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.01 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 43 Resp: 1296162

Ion	Ratio	Lower	Upper
43	100		
72	22.5	16.9	25.3



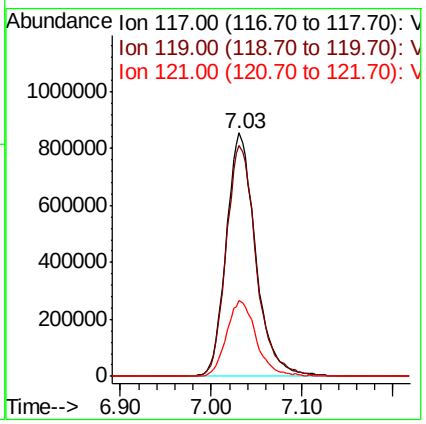


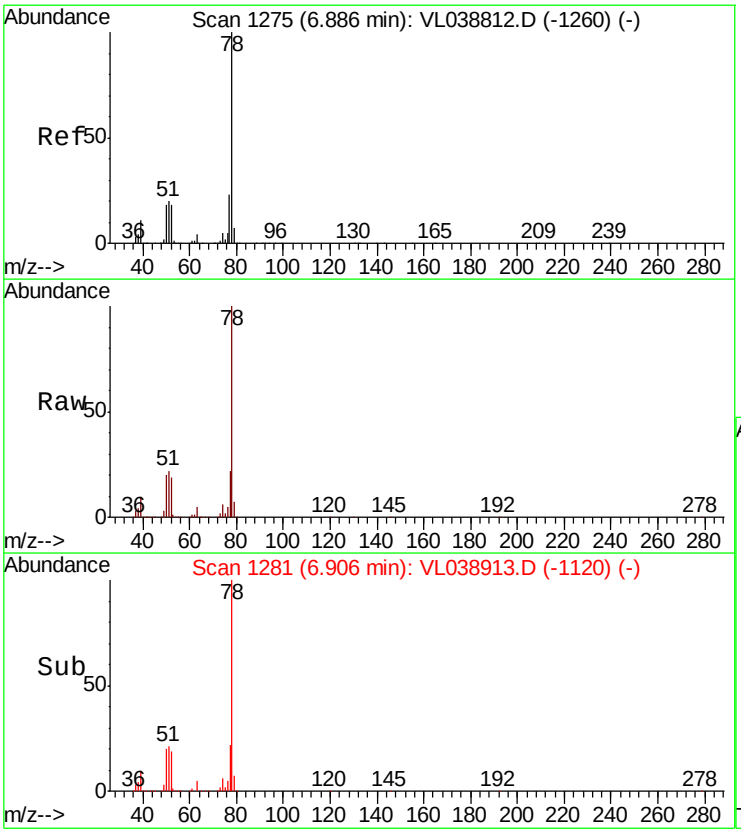
#35
Carbon Tetrachloride
Concen: 11.102 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:117 Resp: 1916314

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.7	116.5
121	31.4	24.5	36.7

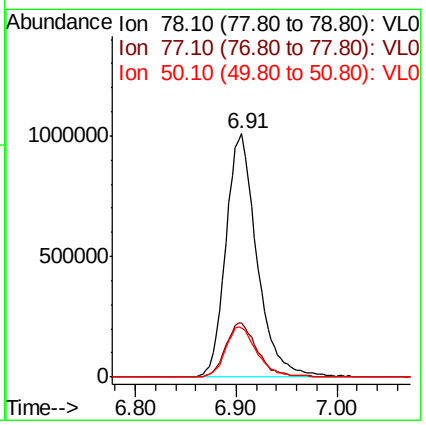


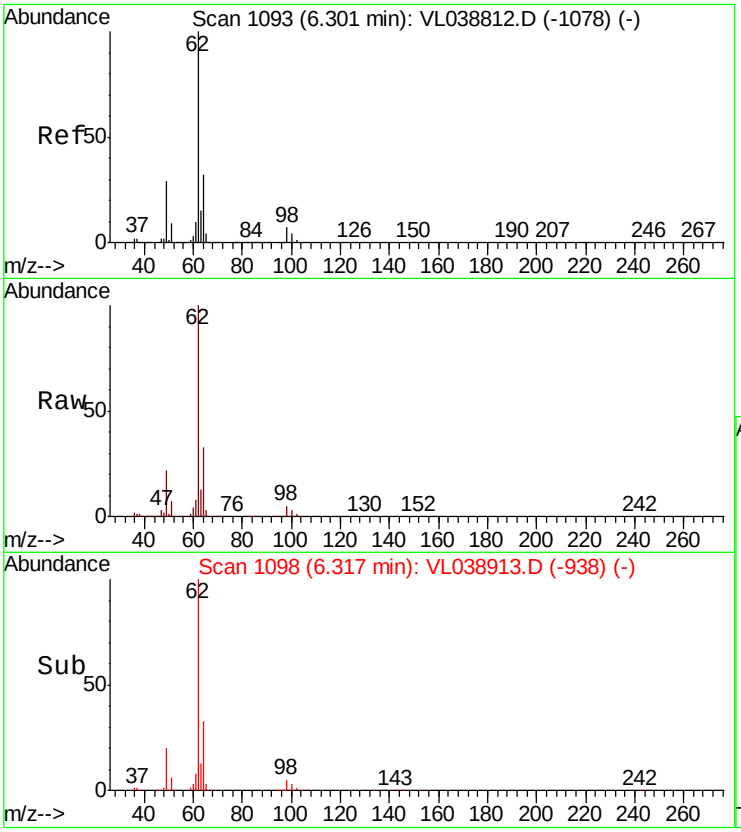


#36
Benzene
Concen: 8.279 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 78 Resp: 2168562

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.2	27.2
50	20.2	14.0	21.0



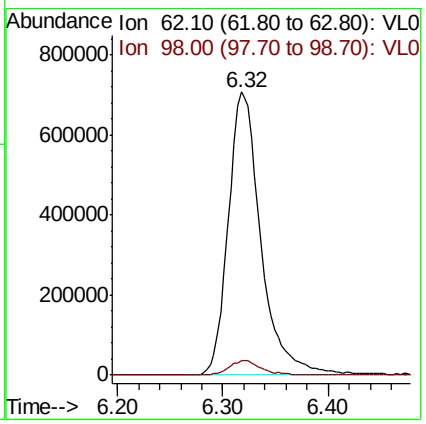


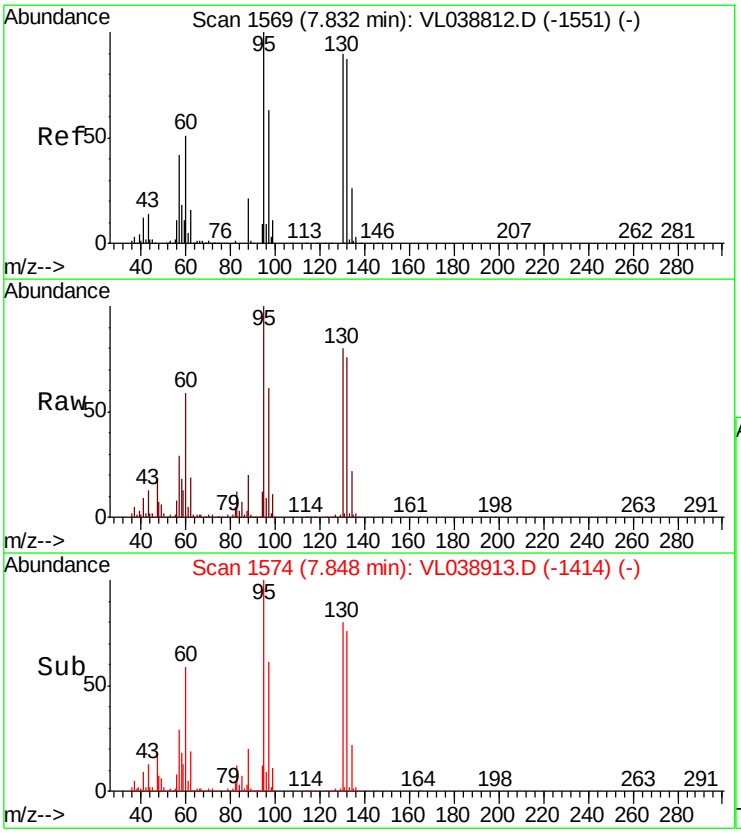
#37
1,2-Dichloroethane
Concen: 12.592 ppbv
RT: 6.32
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 62 Resp: 1507901

Ion	Ratio	Lower	Upper
62	100		
98	5.2	5.9	8.9#

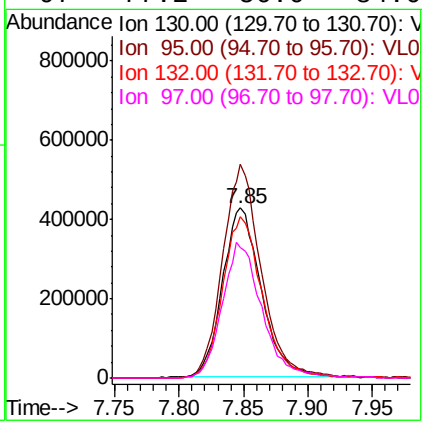


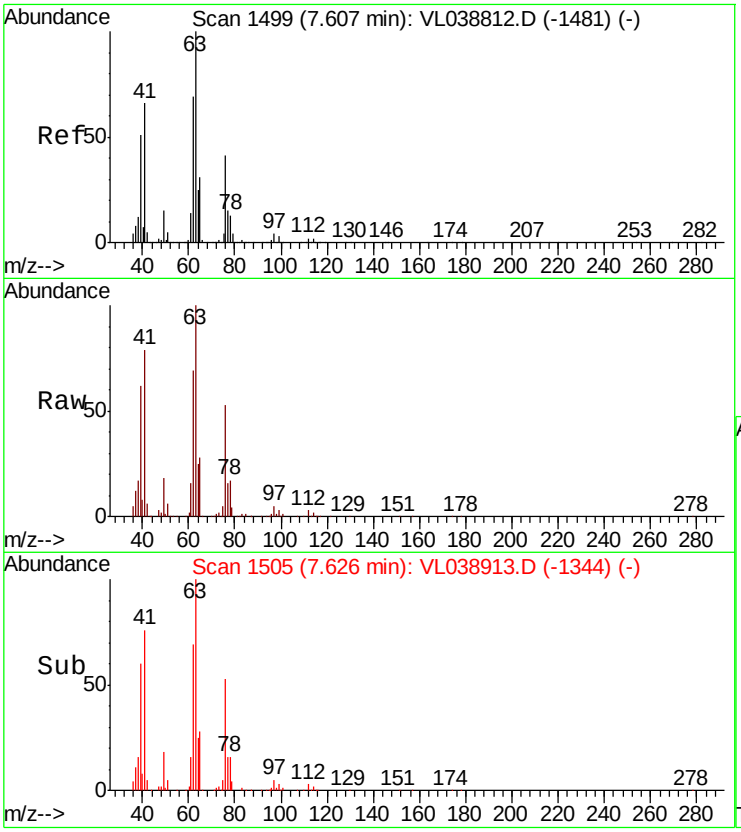


#38
Trichloroethene
Concen: 8.213 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:130 Resp: 882638

Ion	Ratio	Lower	Upper
130	100		
95	126.2	89.4	134.0
132	95.4	77.7	116.5
97	77.2	56.0	84.0



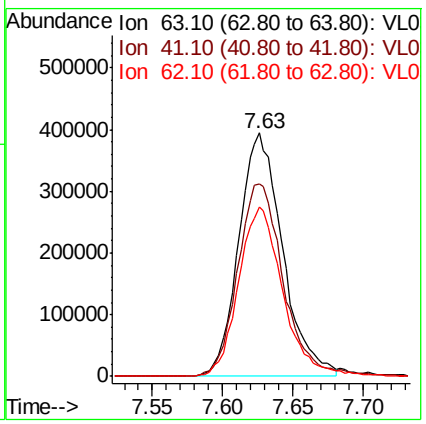


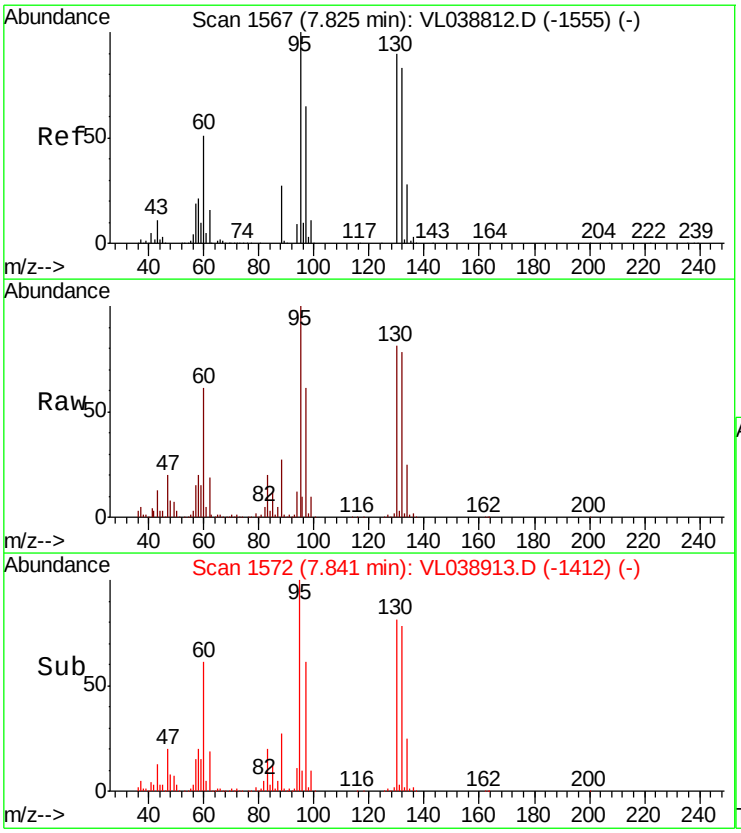
#39
1,2-Dichloropropane
Concen: 8.553 ppbv
RT: 7.63
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 63 Resp: 856836

Ion	Ratio	Lower	Upper
63	100		
41	79.1	53.0	79.6
62	69.5	55.0	82.4

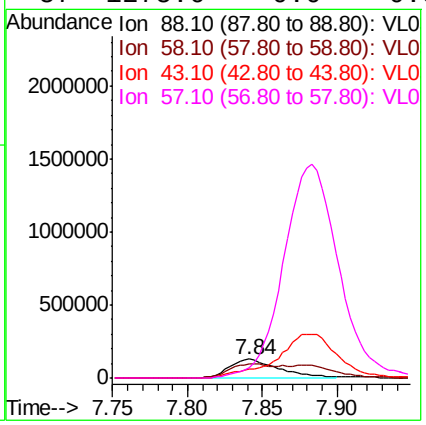


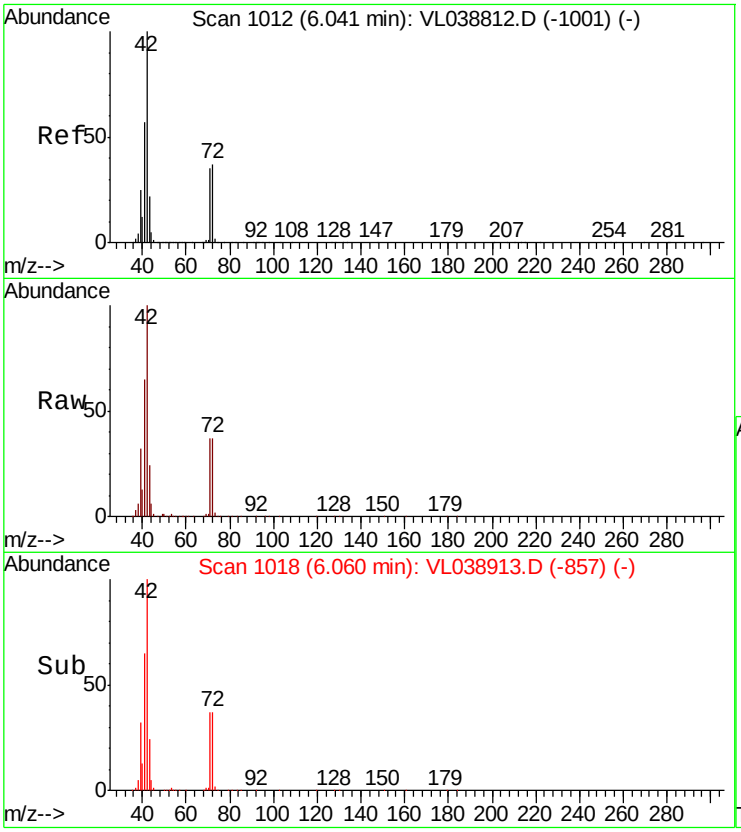


#40
1,4-Dioxane
Concen: 8.681 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 88 Resp: 295302

Ion	Ratio	Lower	Upper
88	100		
58	141.0	49.4	74.0#
43	287.4	0.0	0.0#
57	1275.6	0.0	0.0#



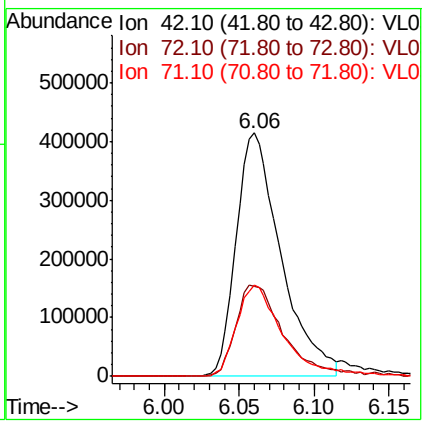


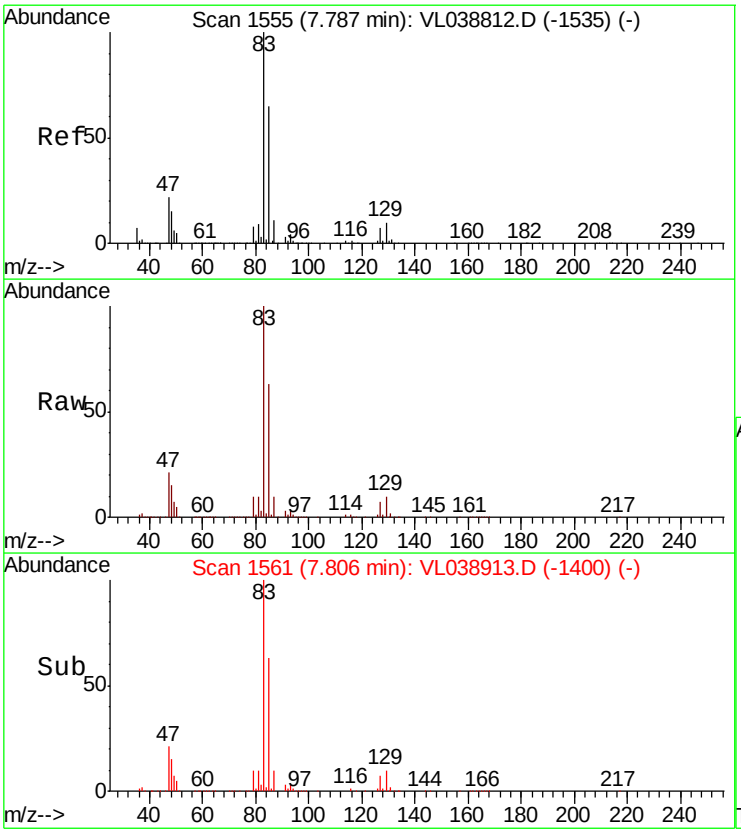
#41
Tetrahydrofuran
Concen: 8.019 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 42 Resp: 866503

Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.4	47.0
71	39.3	30.2	45.4

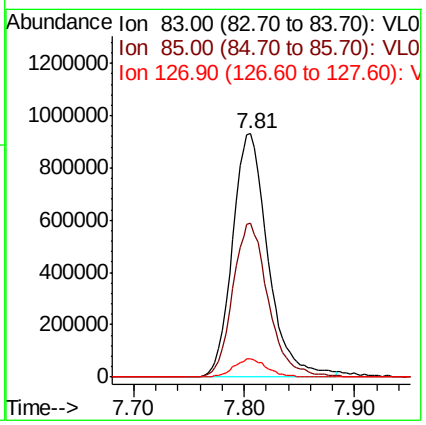


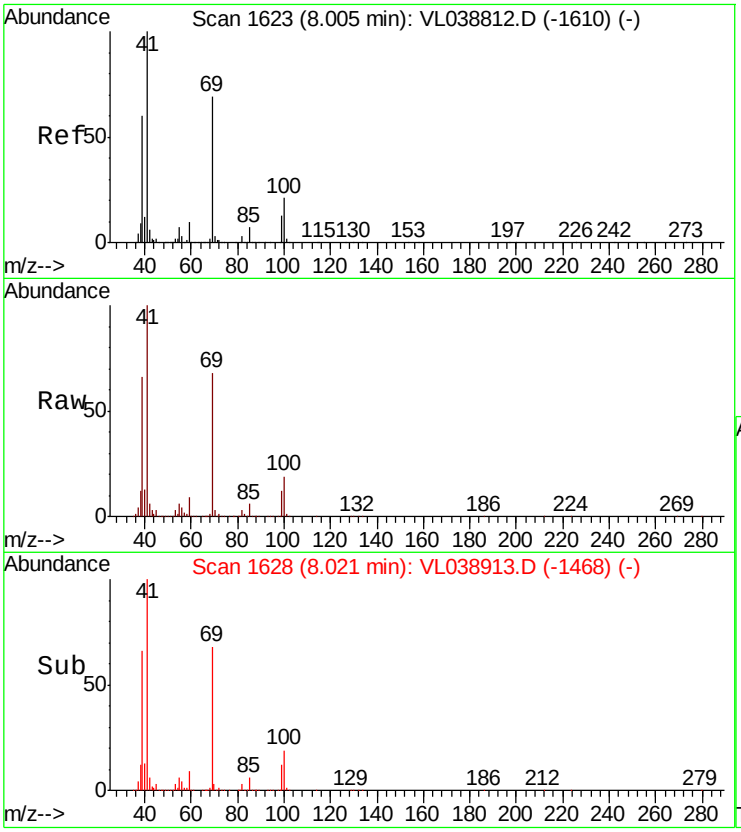


#42
Bromodichloromethane
Concen: 11.010 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 83 Resp: 2082072

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.7	77.5
127	7.4	5.9	8.9



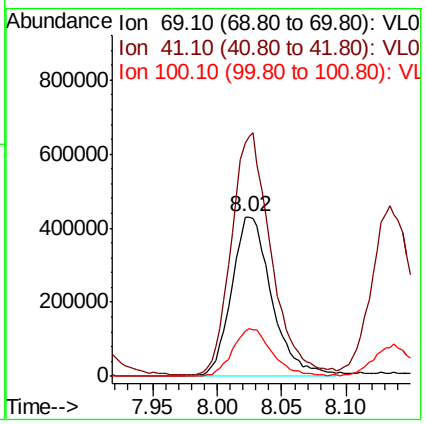


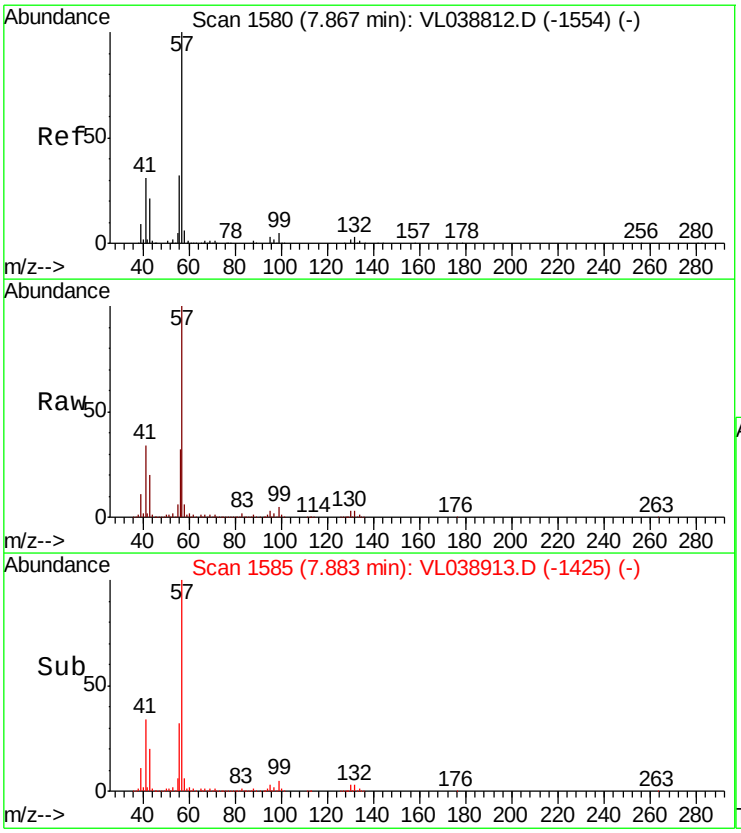
#43
Methyl Methacrylate
Concen: 9.289 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 69 Resp: 931886

Ion	Ratio	Lower	Upper
69	100		
41	152.1	119.0	178.4
100	29.5	26.4	39.6

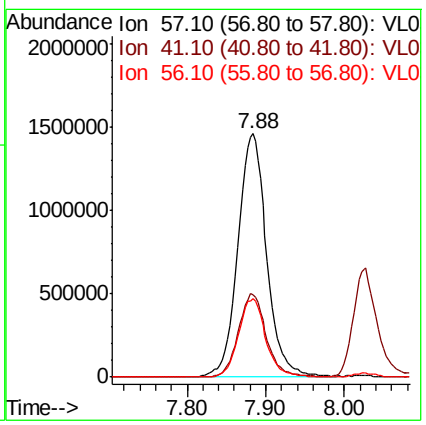


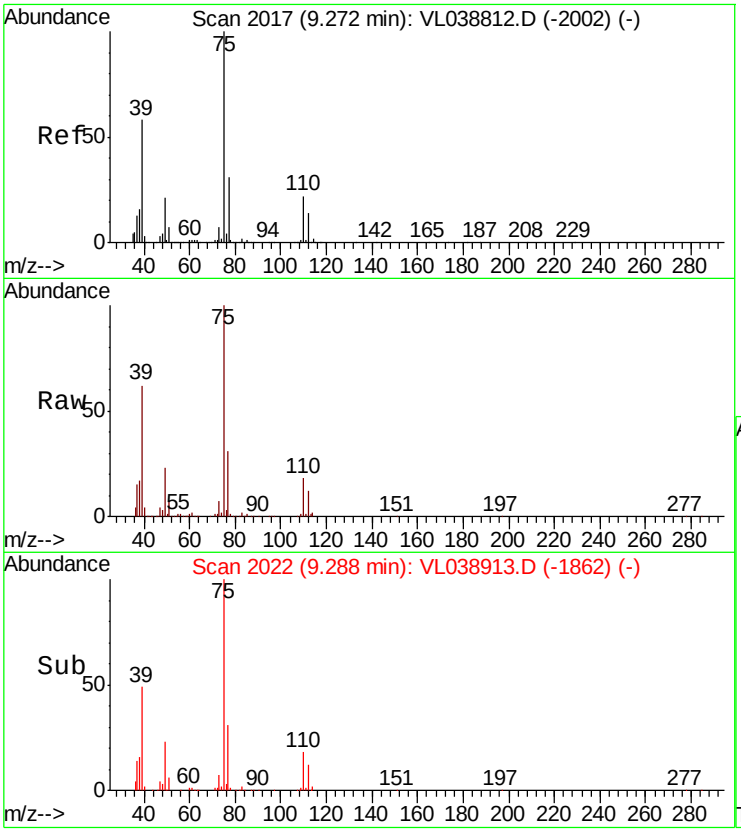


#44
2,2,4-Trimethylpentane
Concen: 8.488 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 57 Resp: 3764081

Ion	Ratio	Lower	Upper
57	100		
41	33.1	25.0	37.4
56	30.8	25.3	37.9



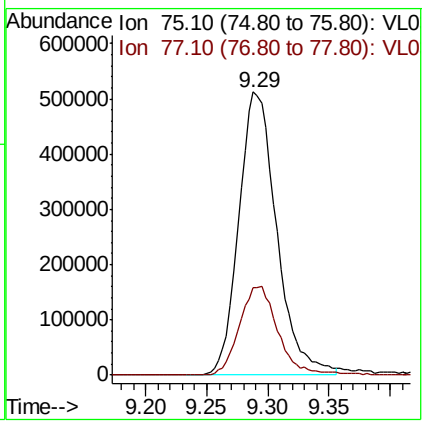


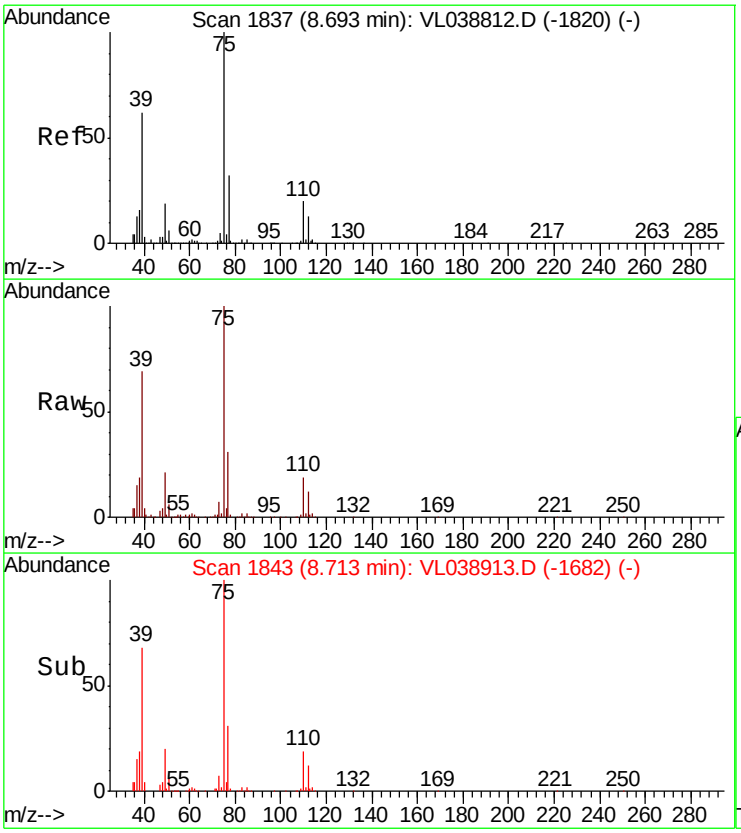
#45
t-1,3-Dichloropropene
Concen: 10.459 ppbv
RT: 9.29
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 75 Resp: 1097081

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4

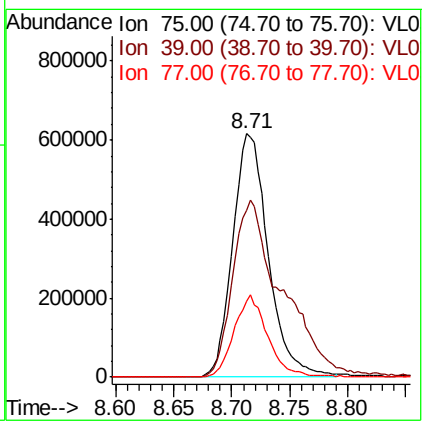


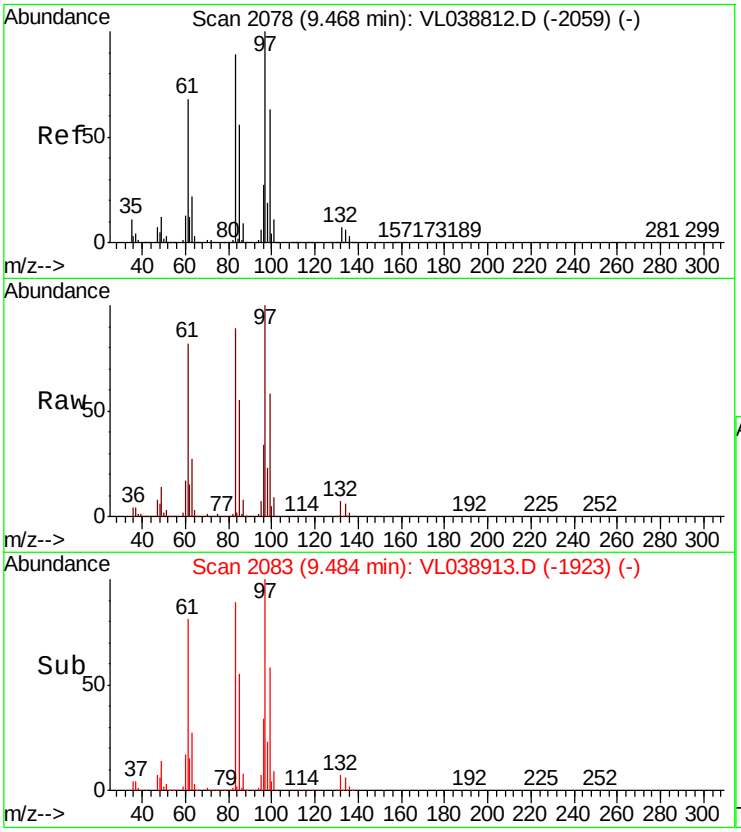


#46
cis-1,3-Dichloropropene
Concen: 9.502 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 75 Resp: 1314036

Ion	Ratio	Lower	Upper
75	100		
39	68.5	49.7	74.5
77	31.3	25.6	38.4



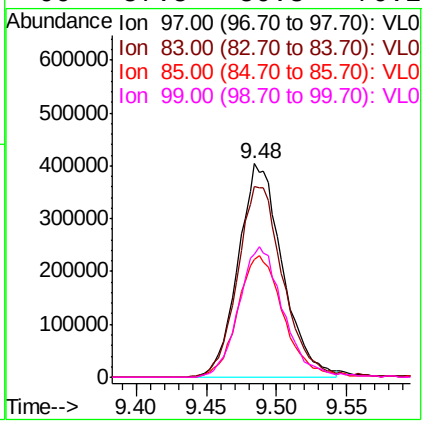


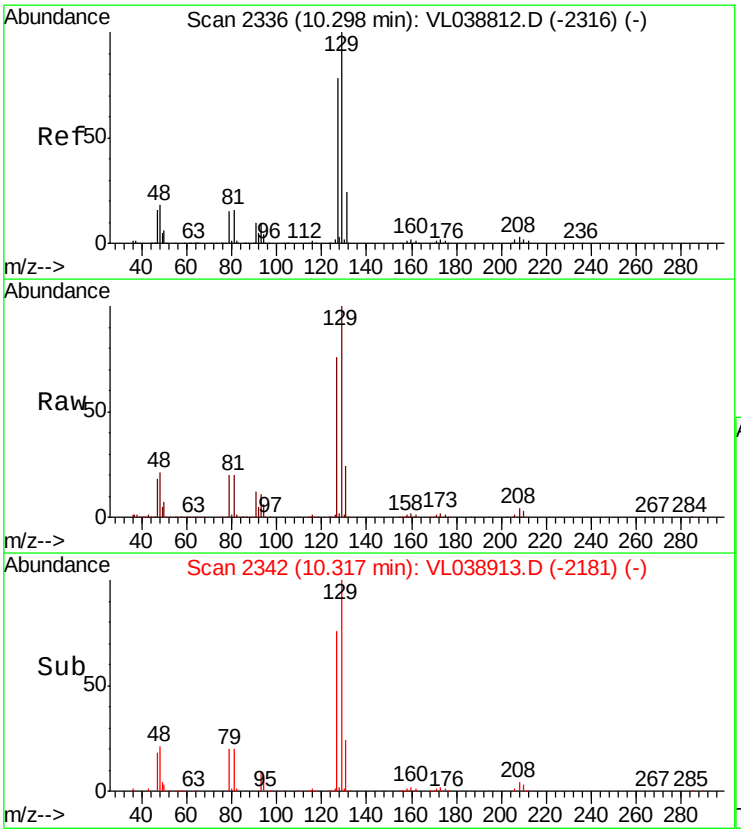
#47
1,1,2-Trichloroethane
Concen: 8.629 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 97 Resp: 885832

Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.1	106.7
85	55.2	45.1	67.7
99	57.5	50.8	76.2

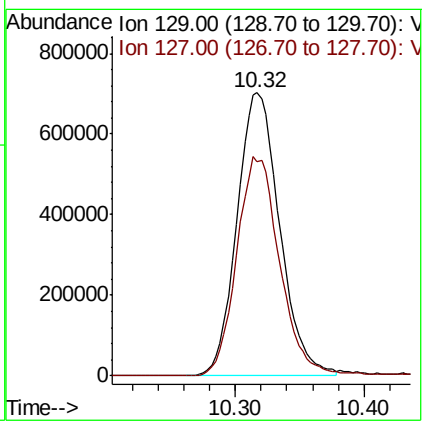


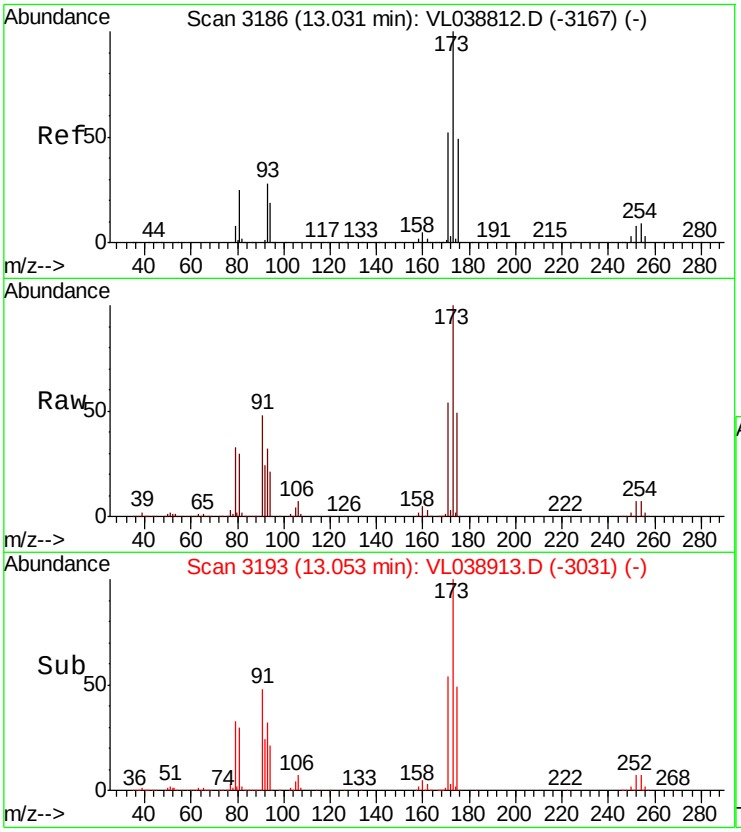


#48
Dibromochloromethane
Concen: 10.064 ppbv
RT: 10.32 min Scan# 2342
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:129 Resp: 1619202

Ion	Ratio	Lower	Upper
129	100		
127	79.2	38.9	116.6



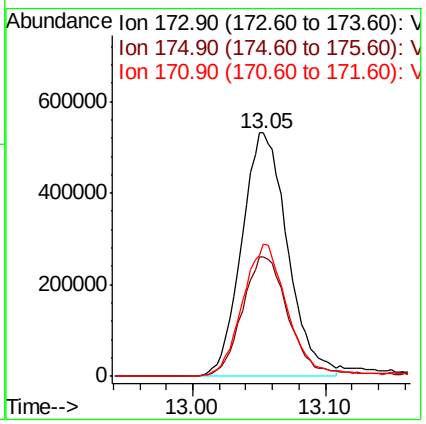


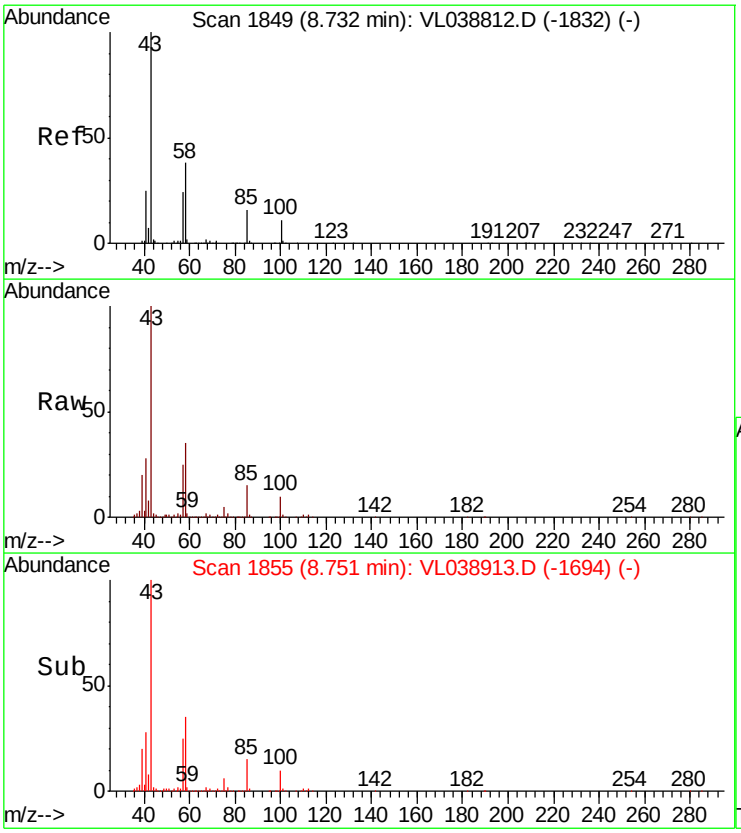
#49
Bromoform
Concen: 10.067 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument : MSVOA_L
ClientSampleId : VL0413ABS02

Tgt Ion:173 Resp: 1282766

Ion	Ratio	Lower	Upper
173	100		
175	50.8	39.9	59.9
171	55.7	43.4	65.0

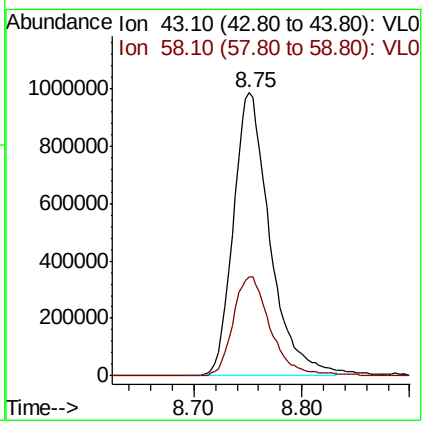


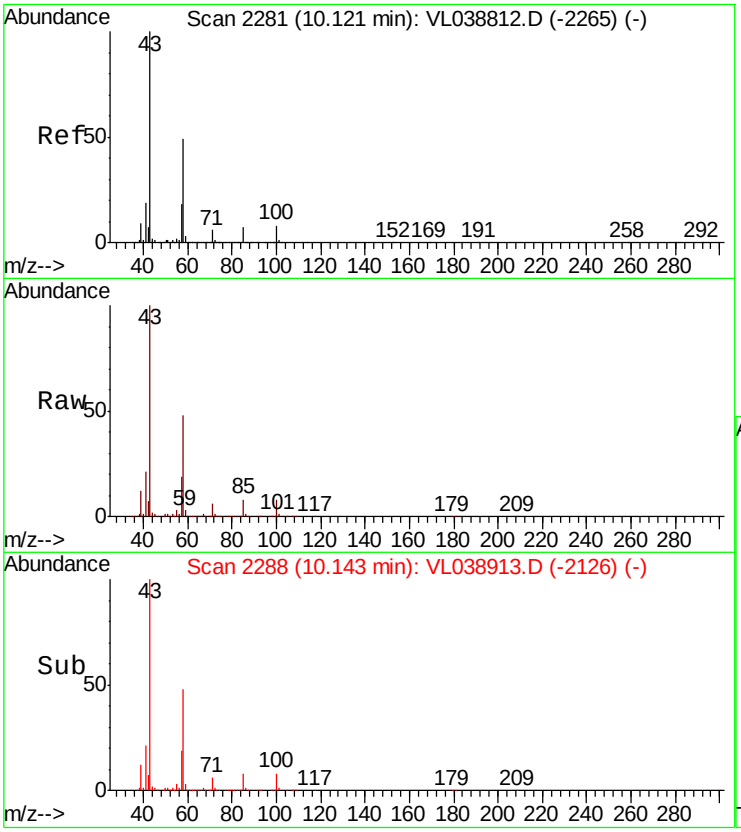


#50
4-Methyl-2-Pentanone
Concen: 9.069 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 43 Resp: 2320840

Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.0	43.6



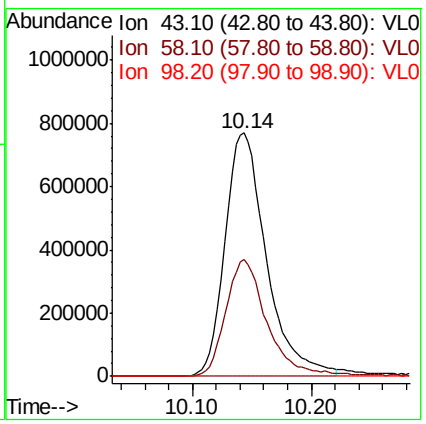


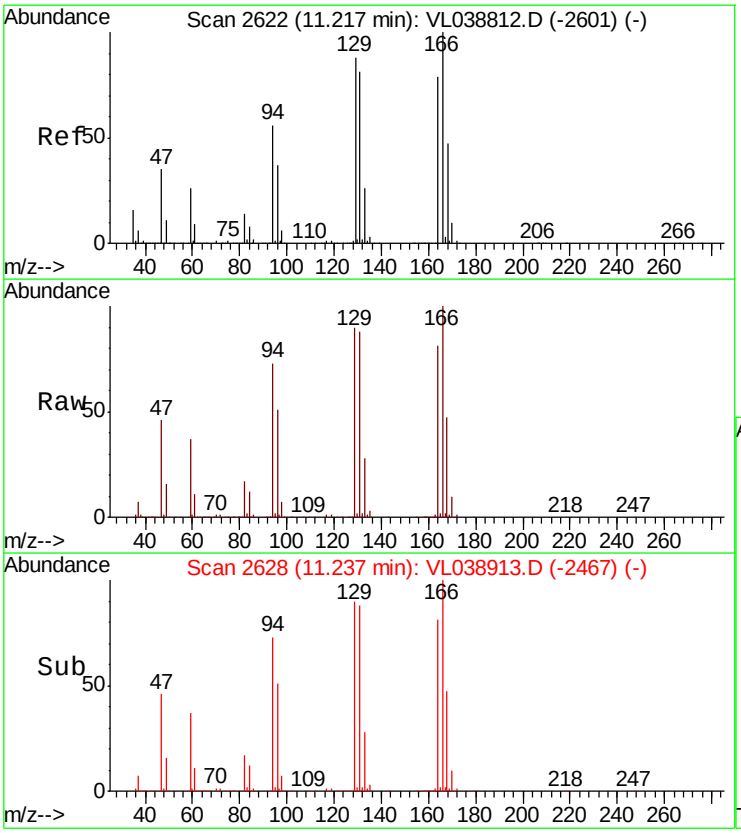
#51
2-Hexanone
Concen: 9.590 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 43 Resp: 1849053

Ion	Ratio	Lower	Upper
43	100		
58	49.1	41.4	62.0
98	0.2	0.1	0.1#

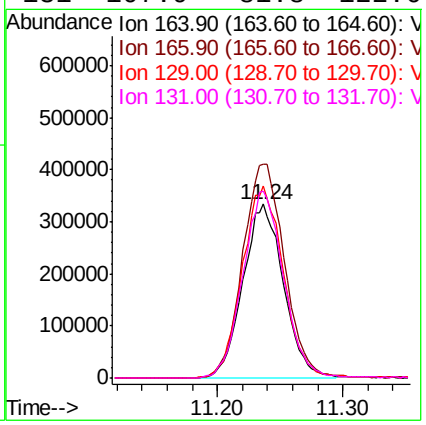


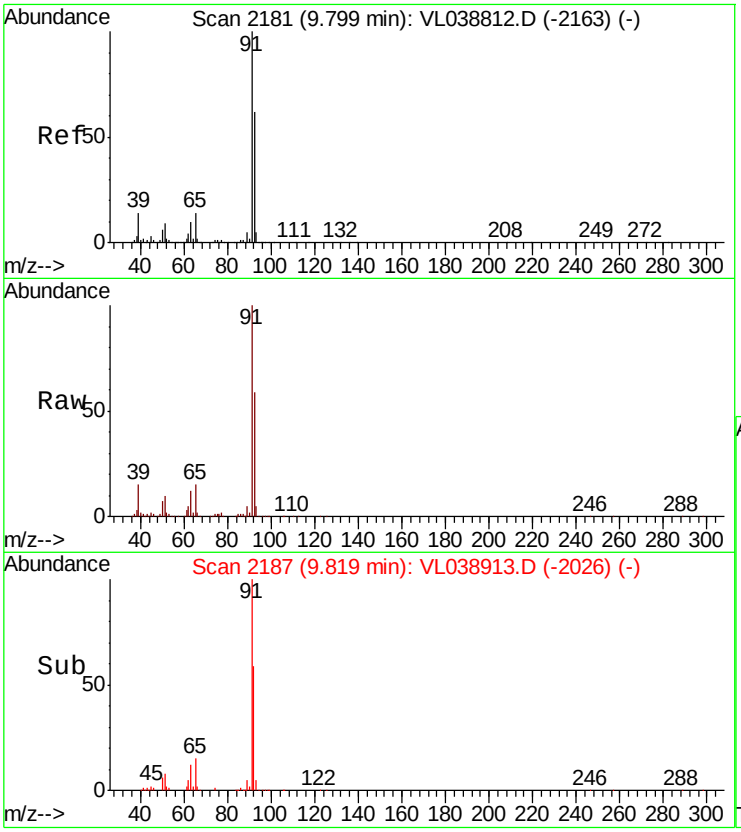


#52
Tetrachloroethene
Concen: 8.182 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:164 Resp: 748598

Ion	Ratio	Lower	Upper
164	100		
166	122.9	101.0	151.6
129	110.6	88.7	133.1
131	107.9	81.8	122.6



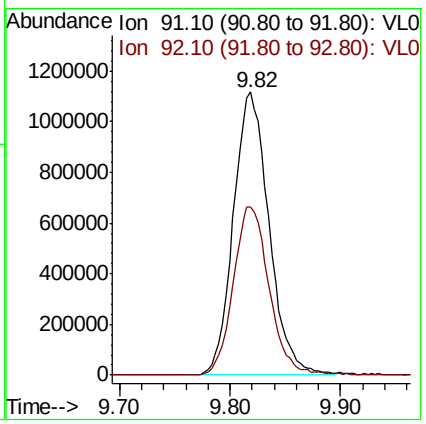


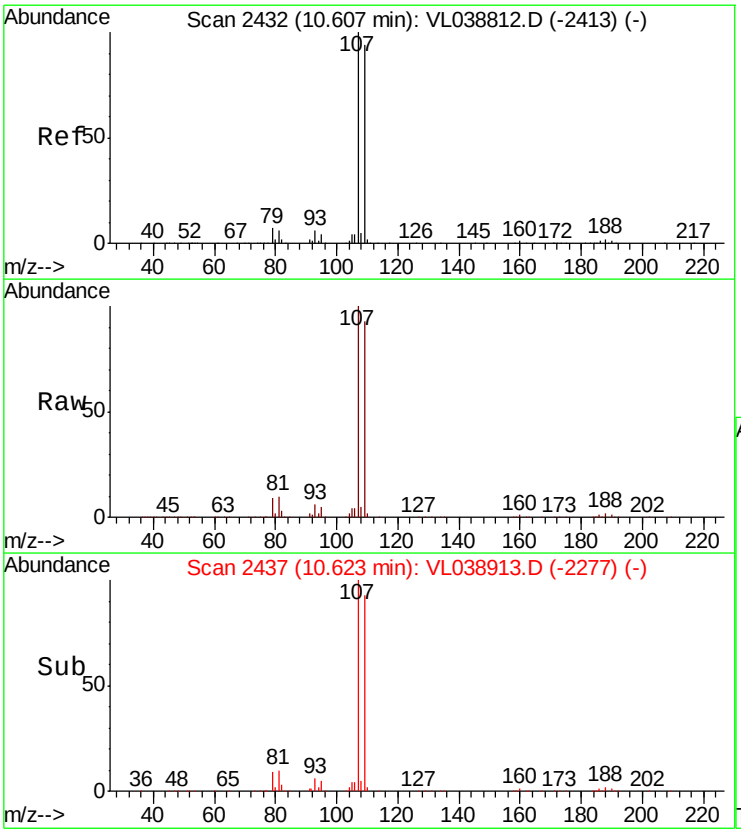
#53
Toluene
Concen: 8.257 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 91 Resp: 2496441

Ion	Ratio	Lower	Upper
91	100		
92	60.0	49.2	73.8

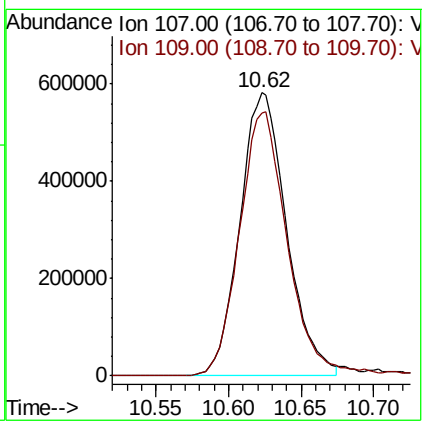


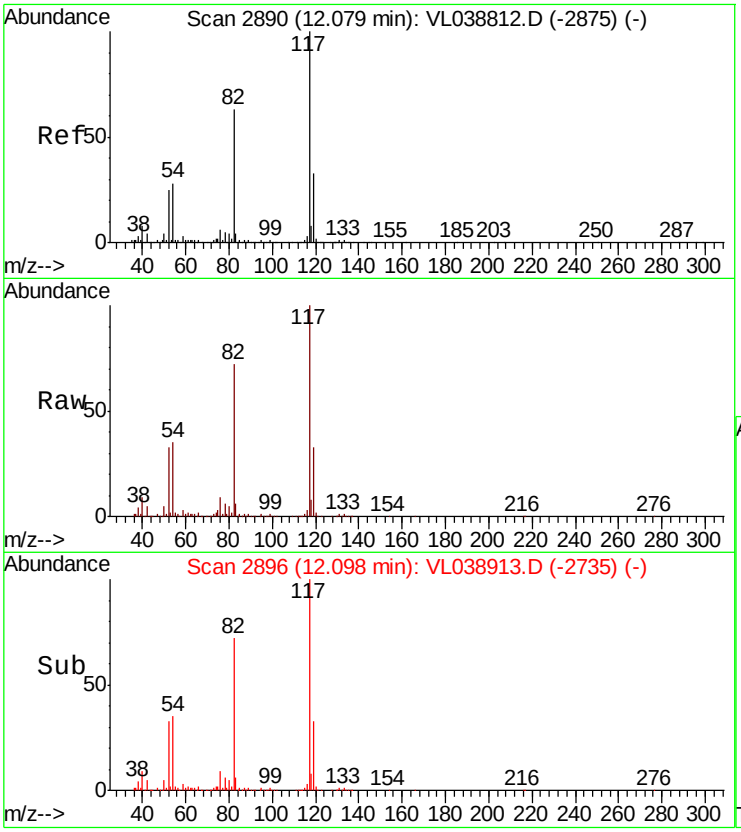


#54
1,2-Dibromoethane
Concen: 9.144 ppbv
RT: 10.62 min Scan# 2437
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:107 Resp: 1303806

Ion	Ratio	Lower	Upper
107	100		
109	92.9	75.5	113.3



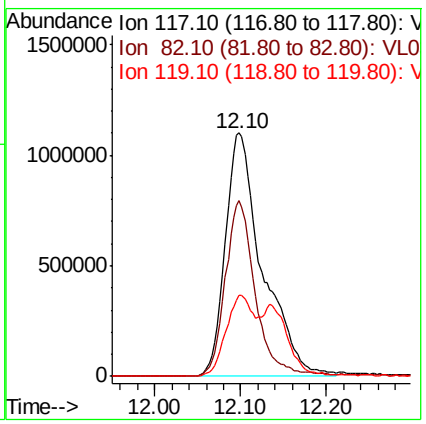


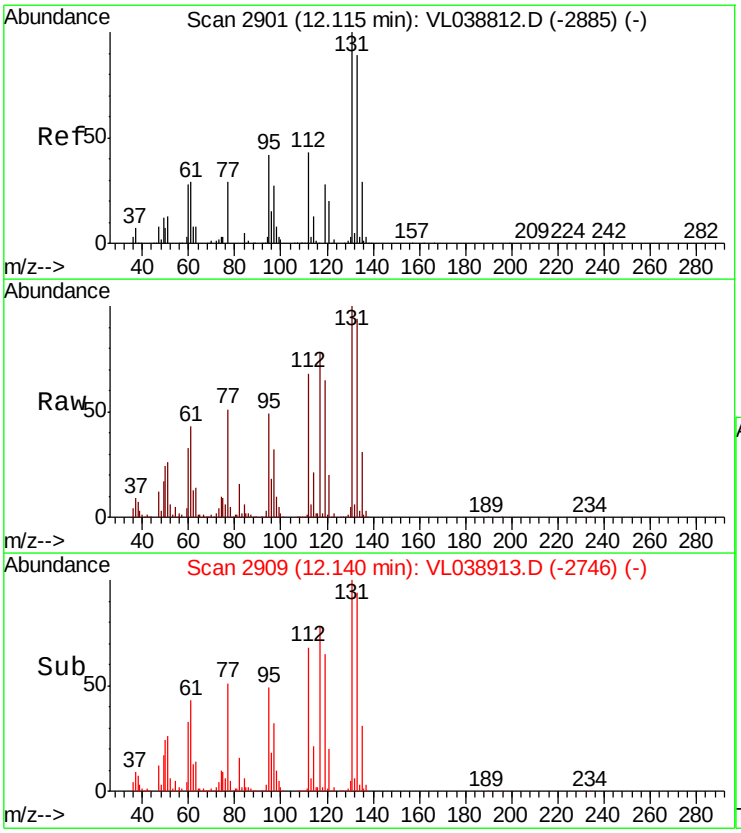
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:117 Resp: 3311878

Ion	Ratio	Lower	Upper
117	100		
82	59.0	53.0	79.6
119	23.8	24.9	37.3#

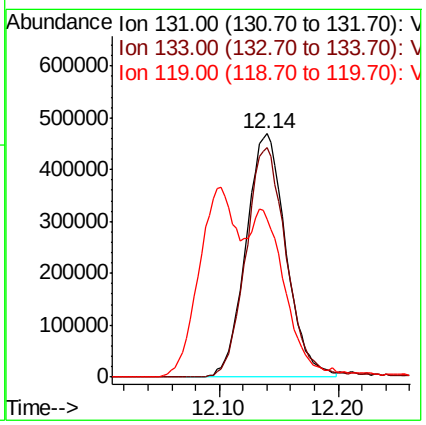


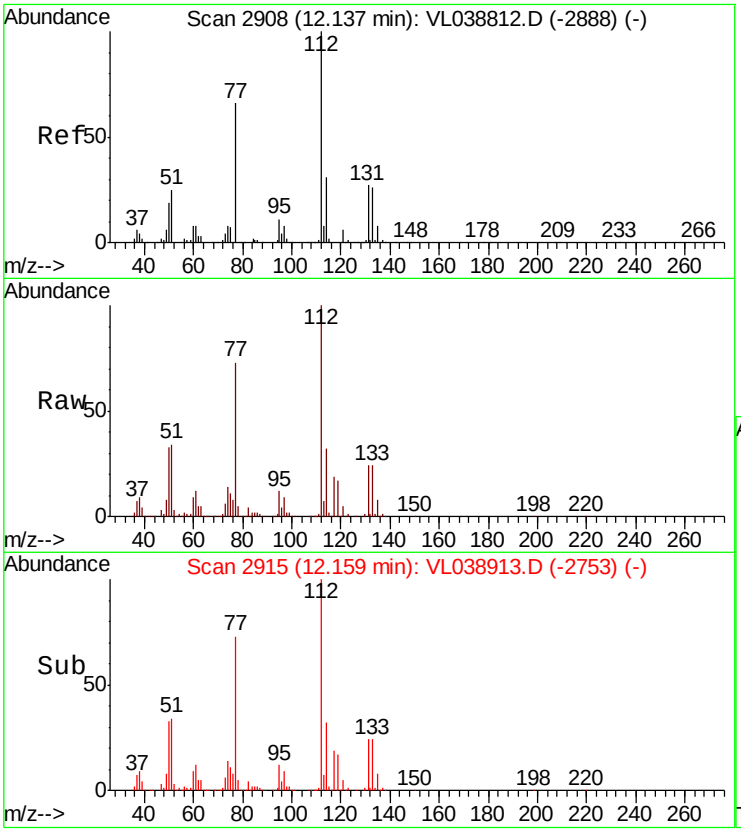


#56
1,1,1,2-Tetrachloroethane
Concen: 7.513 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.03 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:131 Resp: 1090422

Ion	Ratio	Lower	Upper
131	100		
133	97.6	78.2	117.4
119	58.1	58.6	87.8#



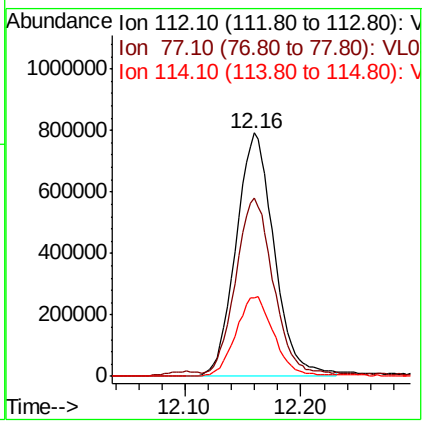


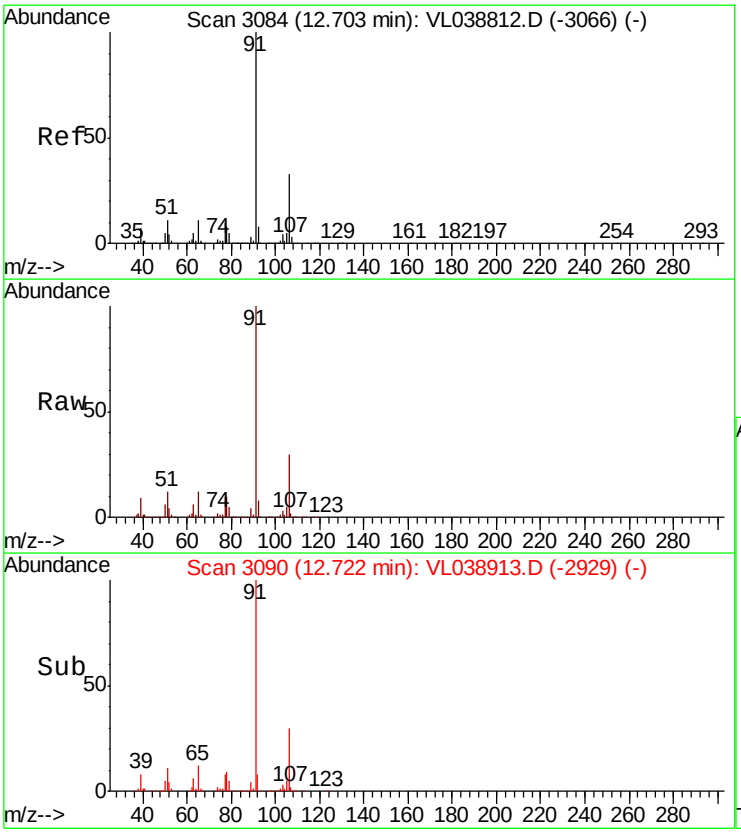
#57
Chlorobenzene
Concen: 6.654 ppbv
RT: 12.16
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:112 Resp: 1804760

Ion	Ratio	Lower	Upper
112	100		
77	71.8	52.4	78.6
114	32.2	28.1	34.3

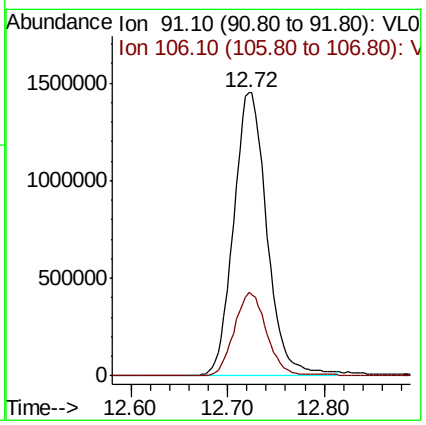


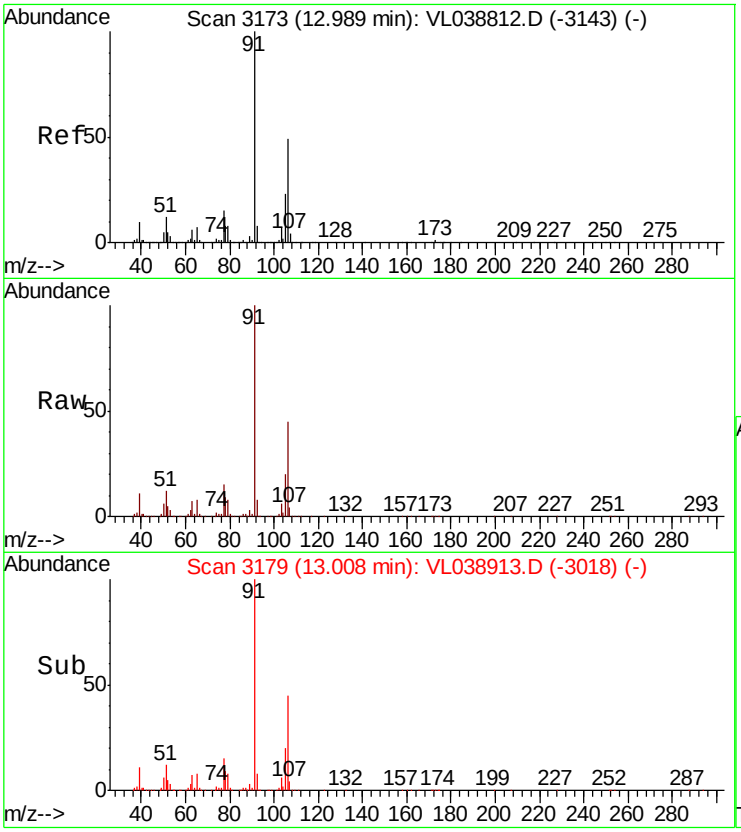


#58
Ethyl Benzene
Concen: 7.030 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 91 Resp: 3479274

Ion	Ratio	Lower	Upper
91	100		
106	29.8	26.7	40.1



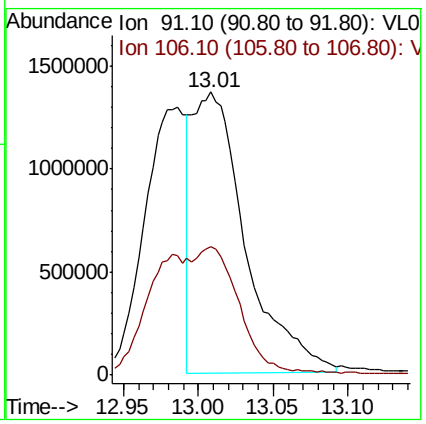


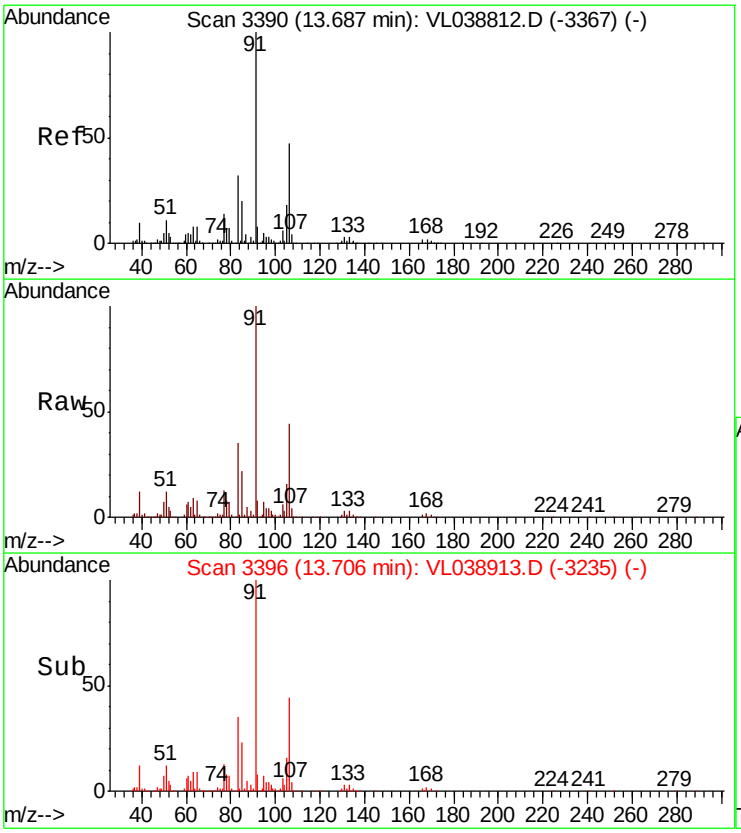
#59
m/p-Xylene
Concen: 8.054 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 91 Resp: 3348679

Ion	Ratio	Lower	Upper
91	100		
106	74.1	37.1	55.7#

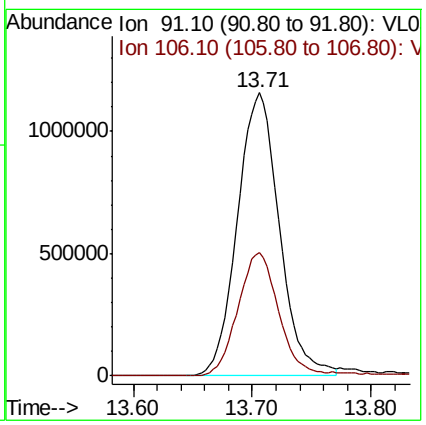


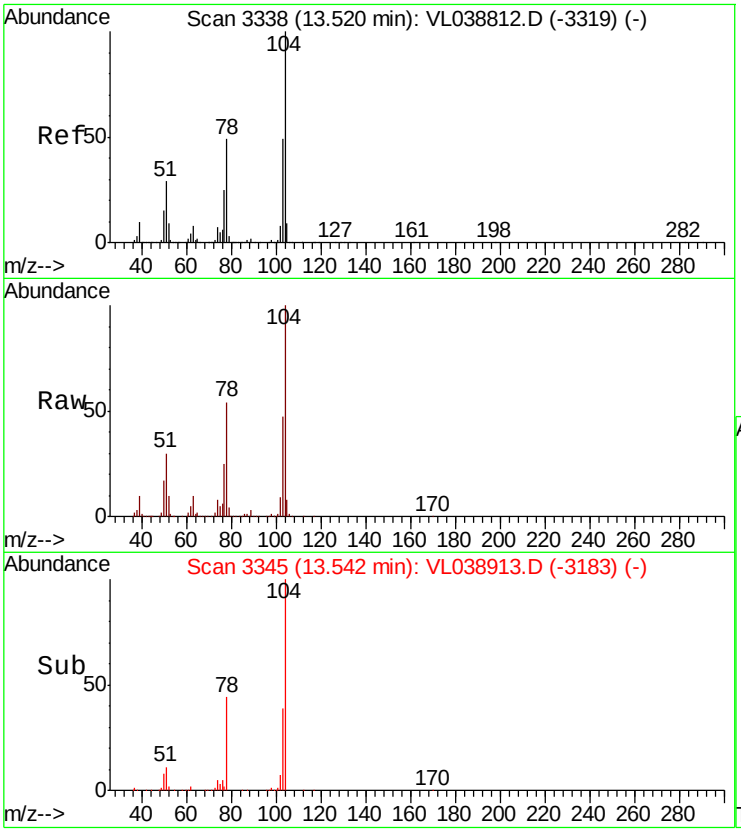


#60
o-Xylene
Concen: 7.260 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 91 Resp: 2824708

Ion	Ratio	Lower	Upper
91	100		
106	44.0	23.8	71.4



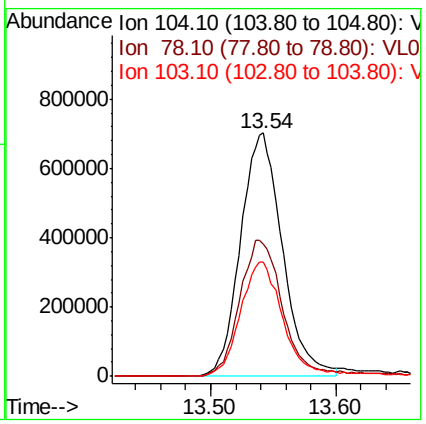


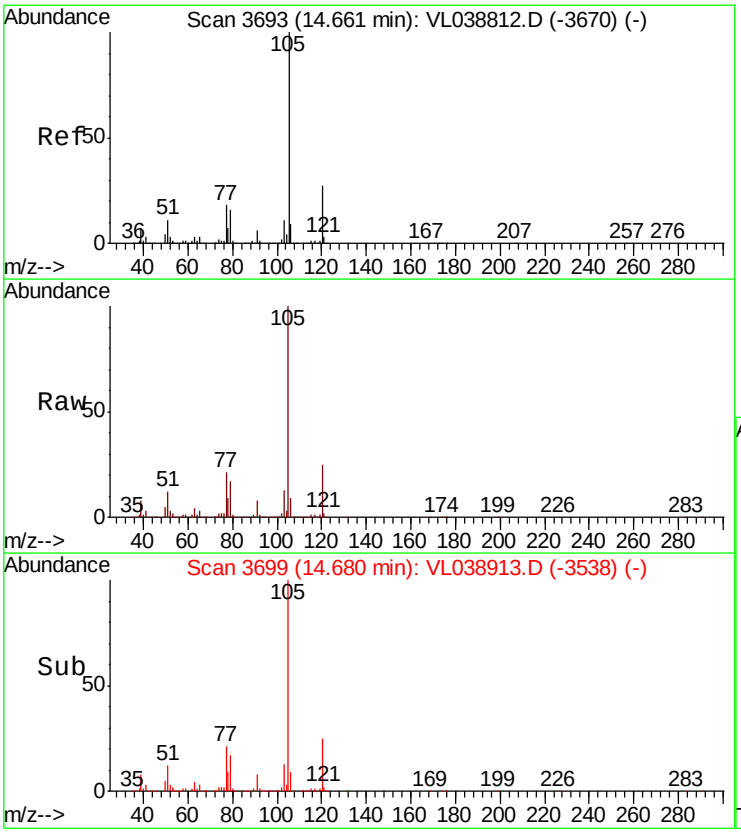
#61
Stvrene
Concen: 6.872 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:104 Resp: 1628914

Ion	Ratio	Lower	Upper
104	100		
78	58.7	40.5	60.7
103	48.4	39.0	58.4

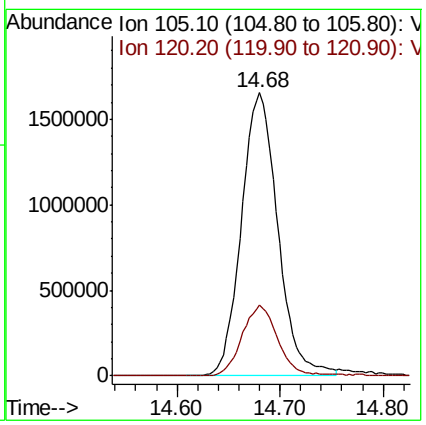


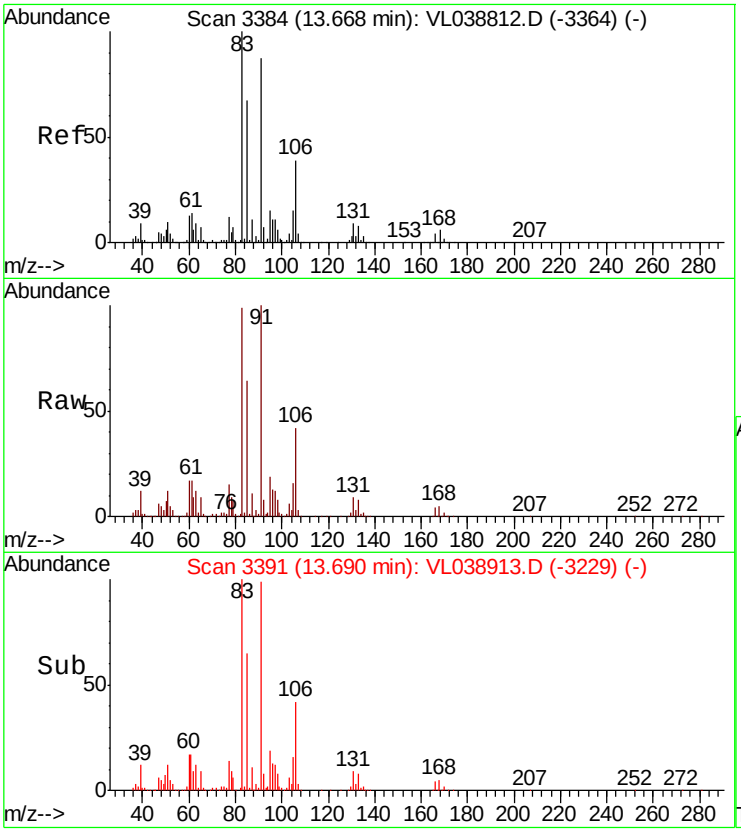


#62
Isopropylbenzene
Concen: 6.953 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:105 Resp: 4060143

Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.8	32.8



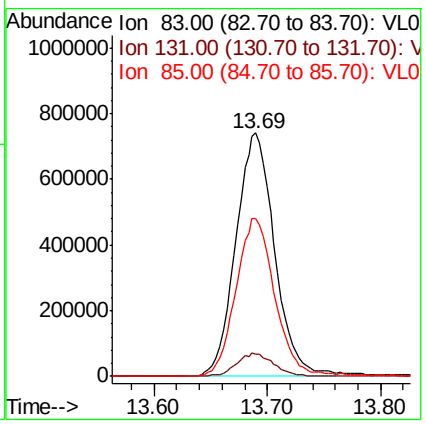


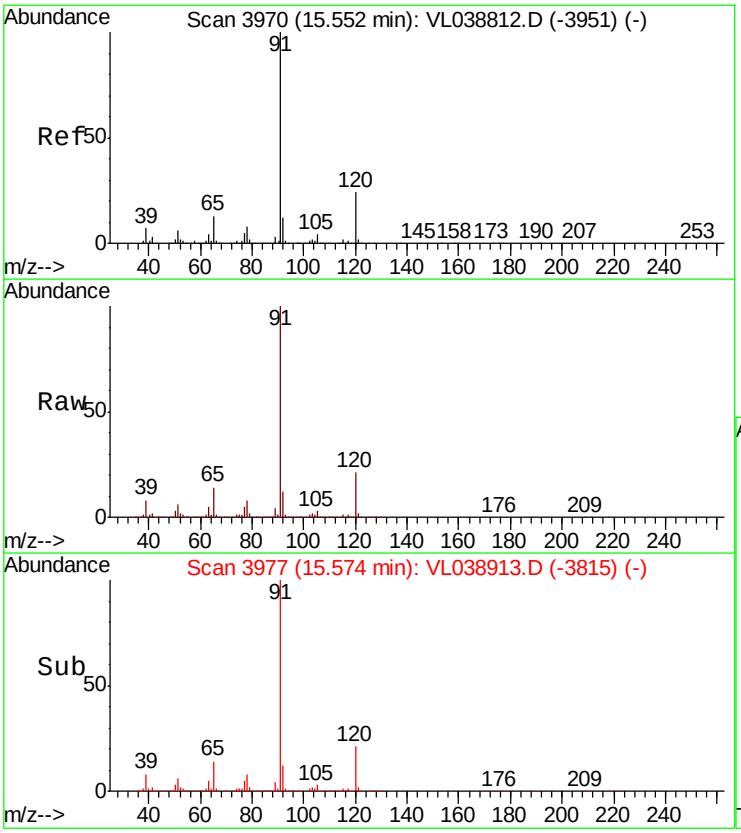
#63
1,1,2,2-Tetrachloroethane
Concen: 7.138 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 83 Resp: 1758897

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	65.9	33.0	99.0

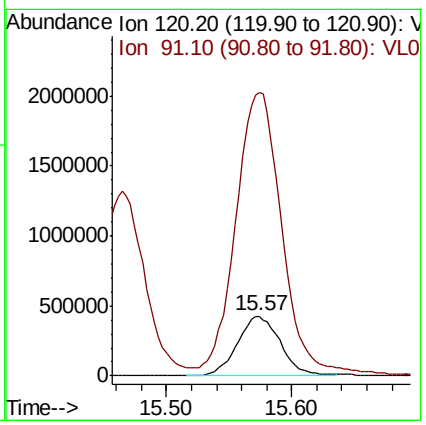


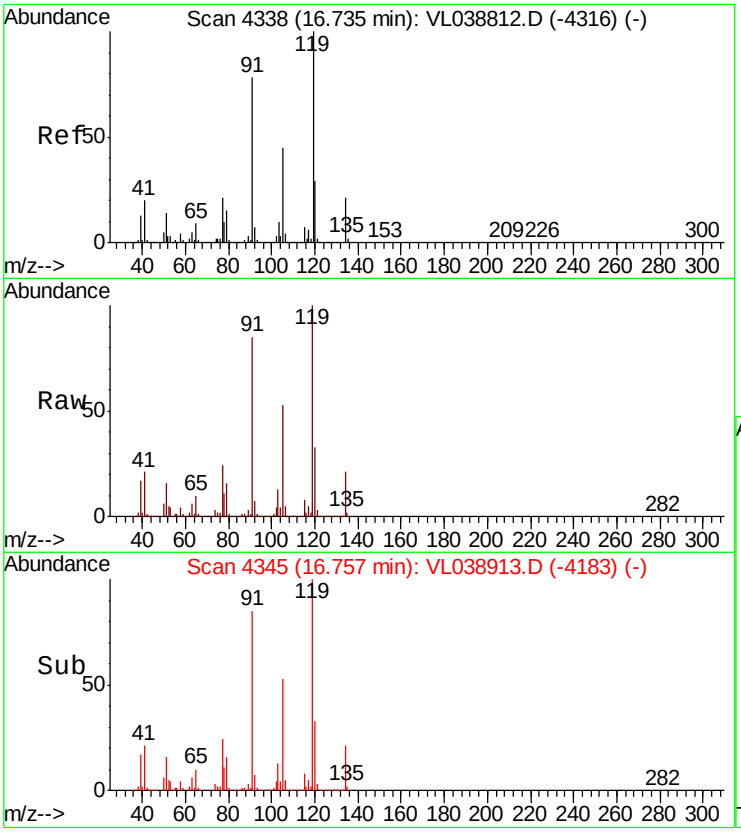


#64
n-propylbenzene
Concen: 6.755 ppbv
RT: 15.57 min Scan# 3977
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:120 Resp: 1024256

Ion	Ratio	Lower	Upper
120	100		
91	511.4	360.6	540.8



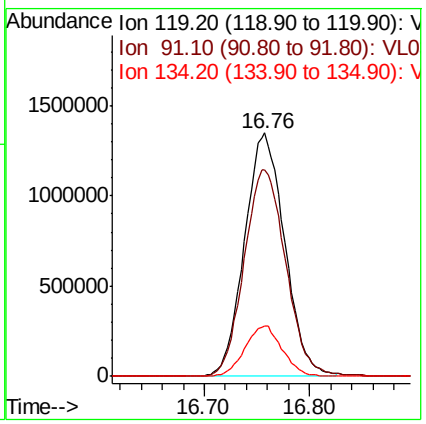


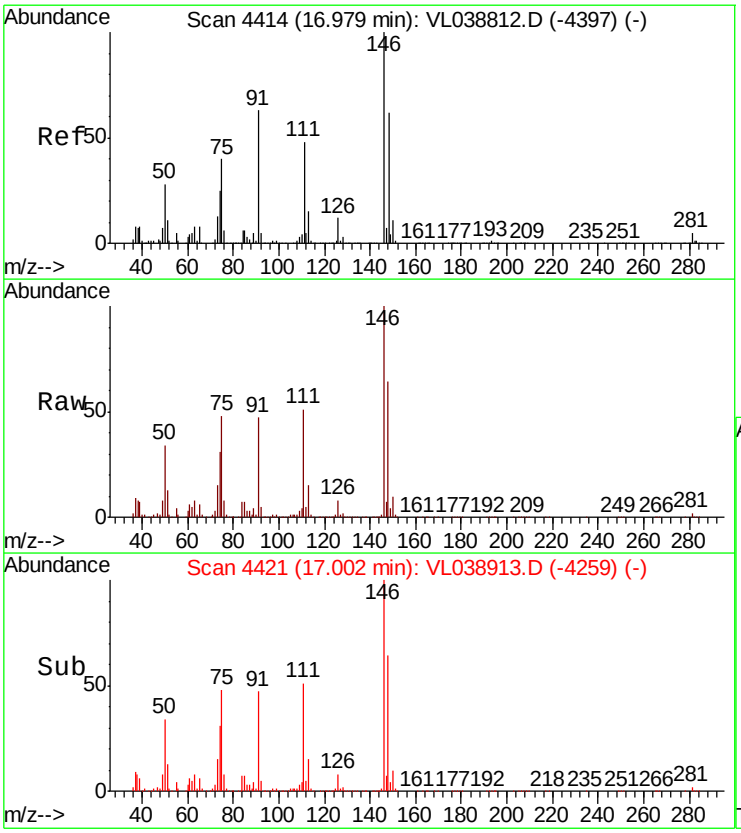
#65
tert-Butylbenzene
Concen: 6.884 ppbv
RT: 16.76
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:119 Resp: 3566781

Ion	Ratio	Lower	Upper
119	100		
91	88.5	62.8	94.2
134	19.5	16.2	24.4

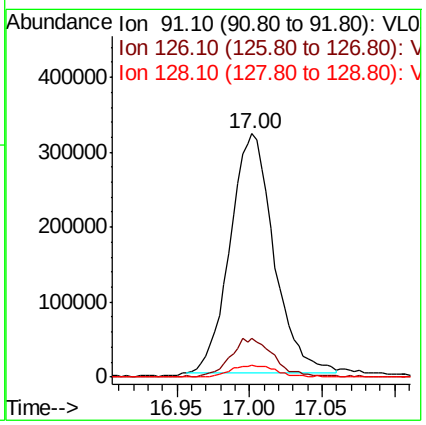


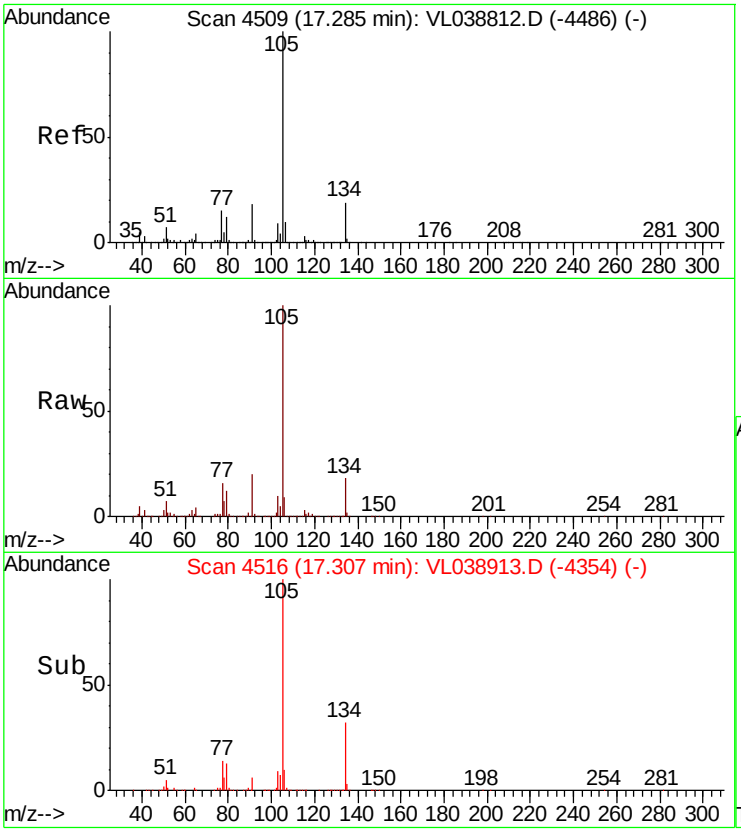


#66
Benzyl Chloride
Concen: 6.304 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 91 Resp: 664966

Ion	Ratio	Lower	Upper
91	100		
126	16.7	15.4	23.0
128	5.4	4.7	7.1



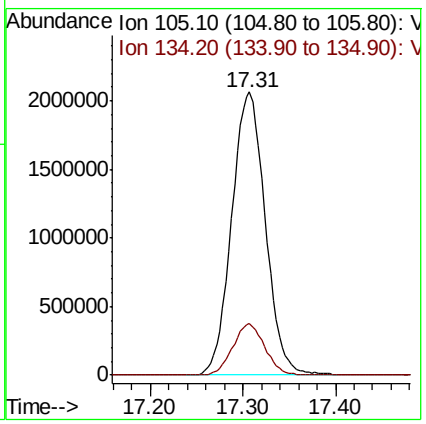


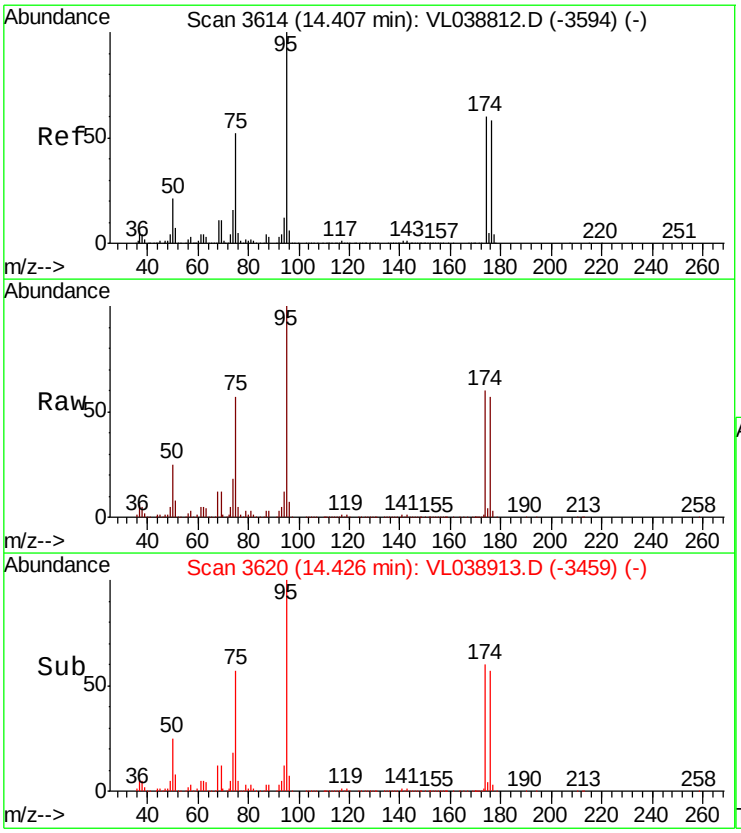
#67
sec-Butylbenzene
Concen: 7.117 ppbv
RT: 17.31
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:105 Resp: 5174115

Ion	Ratio	Lower	Upper
105	100		
134	17.4	15.1	22.7

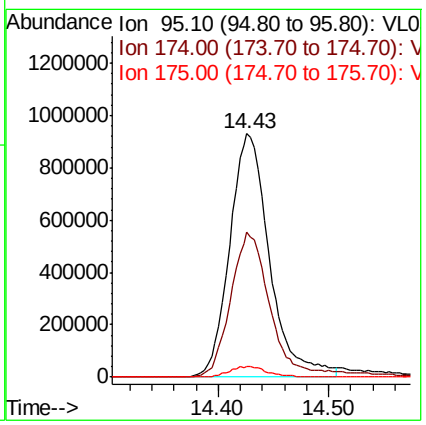


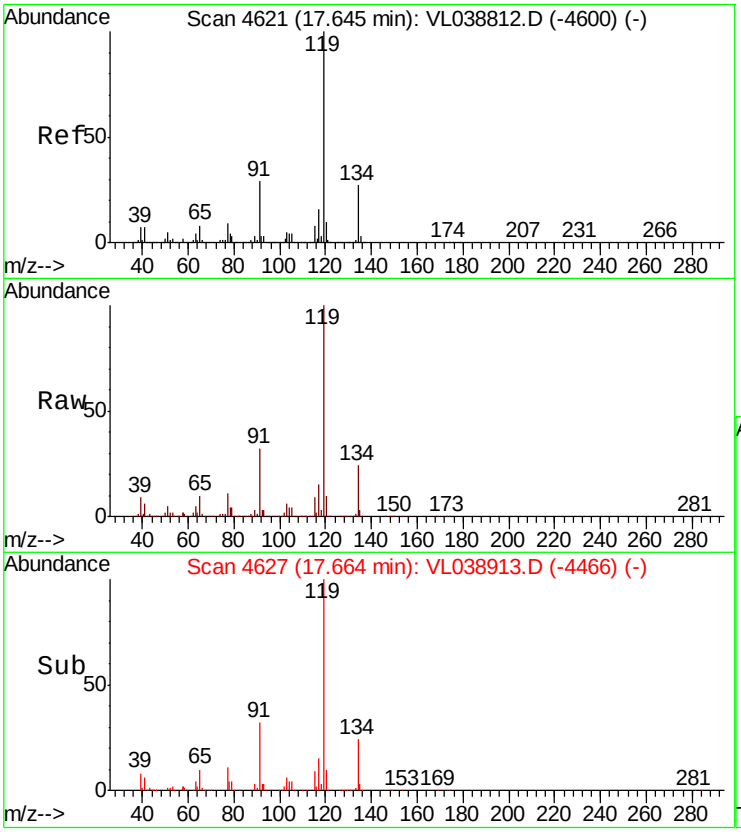


#68
1-Bromo-4-Fluorobenzene
Concen: 9.242 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 95 Resp: 2321726

Ion	Ratio	Lower	Upper
95	100		
174	61.2	52.0	78.0
175	4.3	4.0	6.0



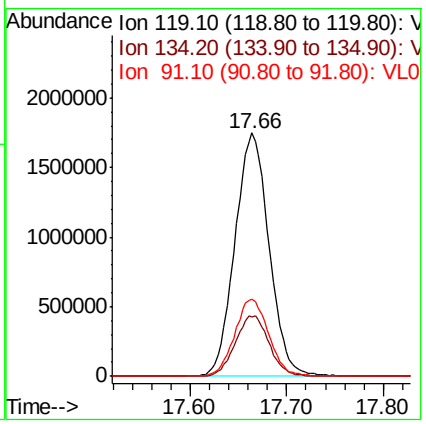


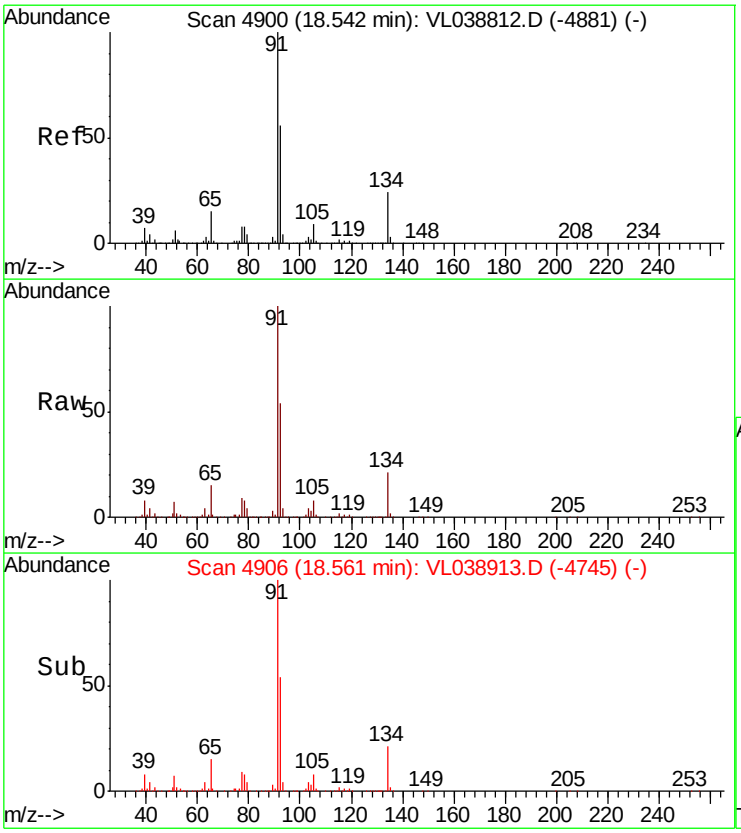
#69
p-Isopropyltoluene
Concen: 7.164 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:119 Resp: 4276462

Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.8	31.2
91	31.6	22.6	34.0

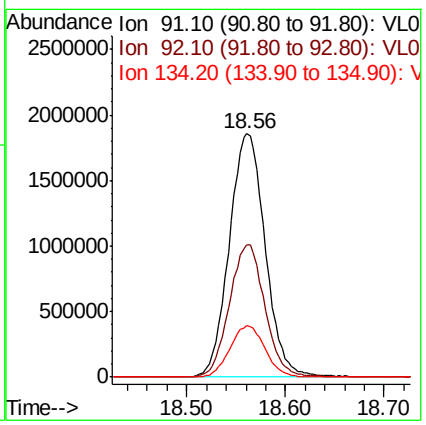


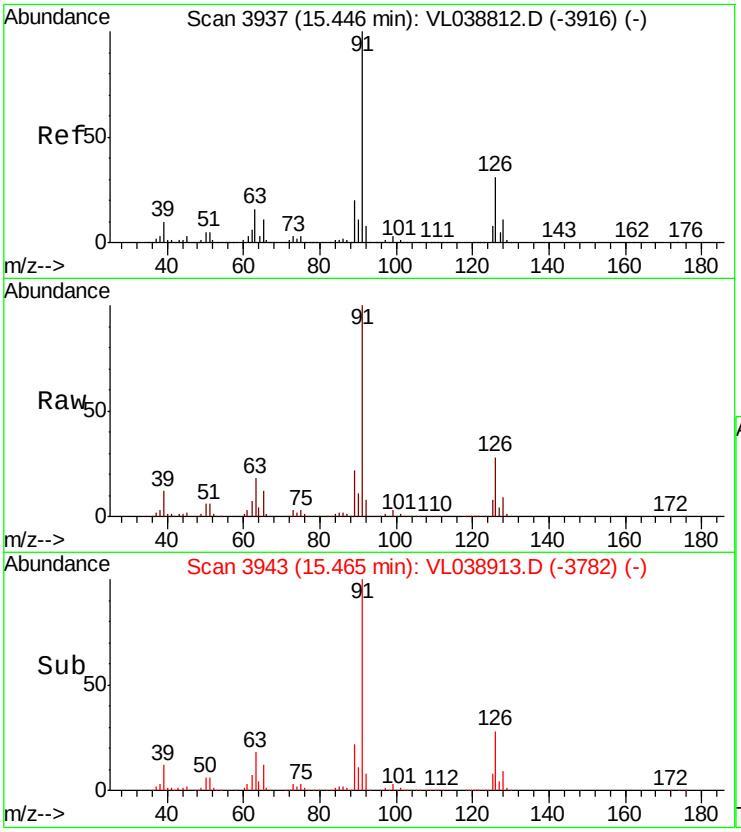


#70
n-Butylbenzene
Concen: 7.793 ppbv
RT: 18.56 min Scan# 4906
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion: 91 Resp: 4686680

Ion	Ratio	Lower	Upper
91	100		
92	54.1	44.6	66.8
134	20.9	19.2	28.8



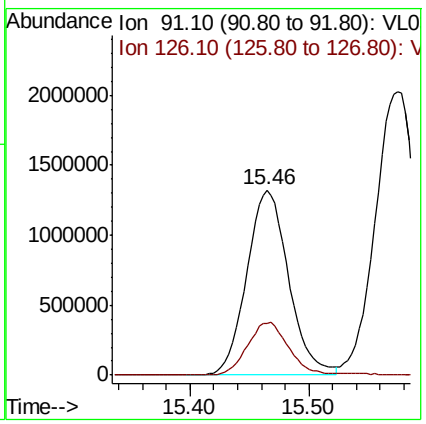


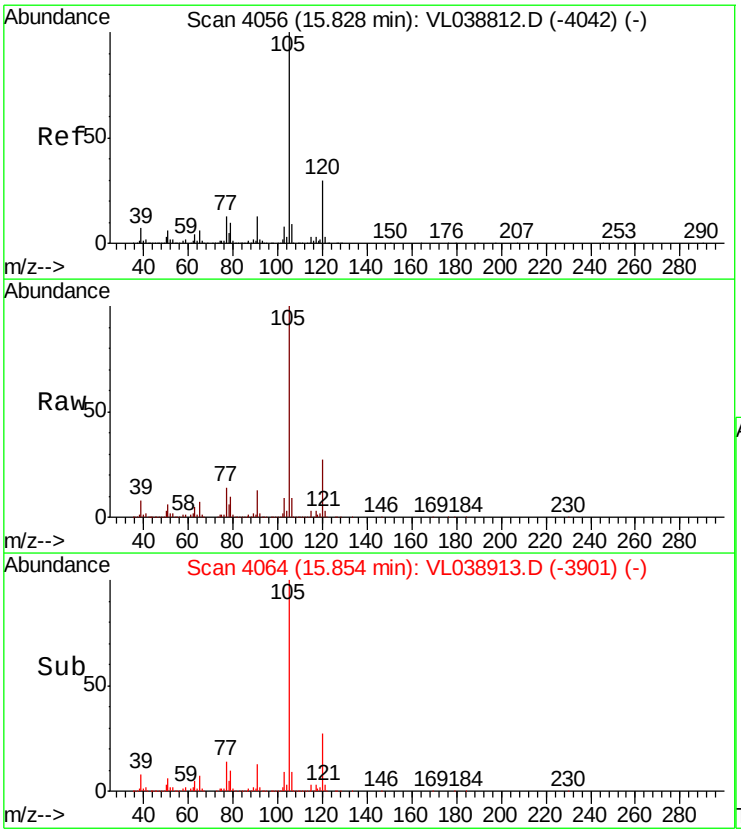
#71
2-Chlorotoluene
Concen: 7.334 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion: 91 Resp: 3220567

Ion	Ratio	Lower	Upper
91	100		
126	29.1	13.0	51.8

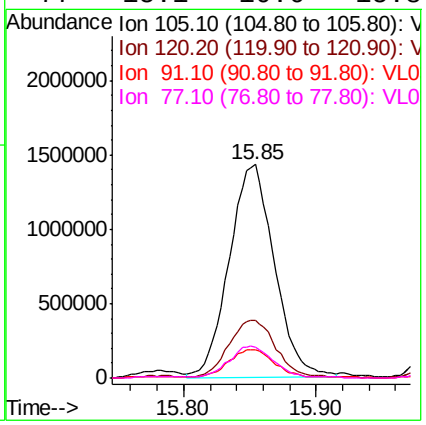


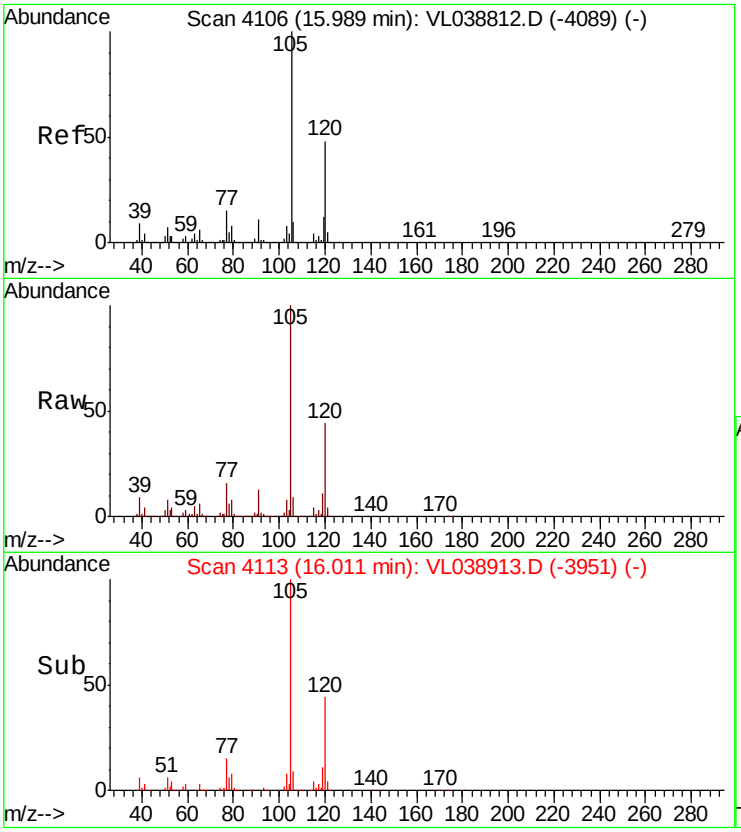


#72
4-Ethyltoluene
Concen: 7.319 ppbv
RT: 15.85 min Scan# 4064
Delta R.T. 0.03 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:105 Resp: 3399966

Ion	Ratio	Lower	Upper
105	100		
120	28.4	24.3	36.5
91	13.2	9.4	14.2
77	15.1	10.6	15.8



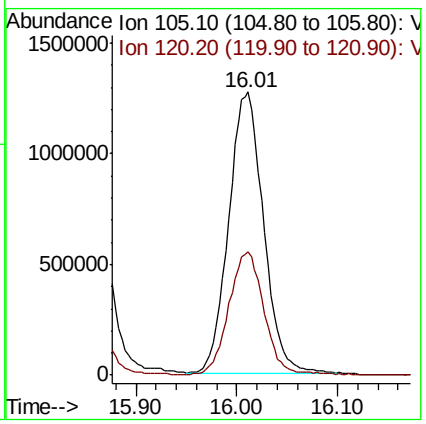


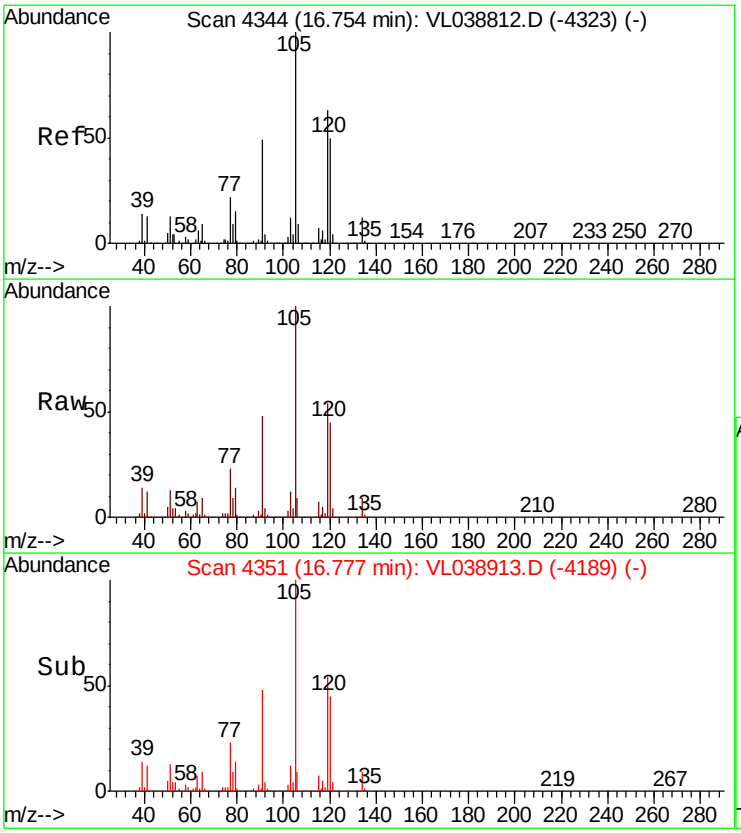
#73
1,3,5-Trimethylbenzene
Concen: 7.291 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:105 Resp: 3042753

Ion	Ratio	Lower	Upper
105	100		
120	43.7	38.7	58.1

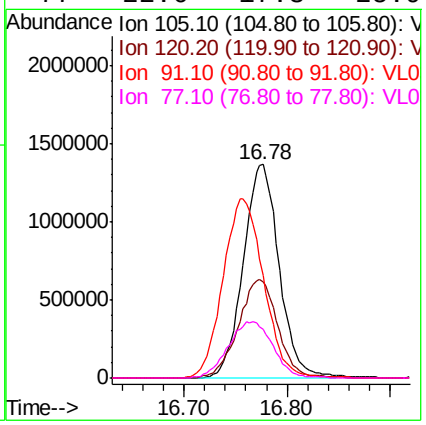


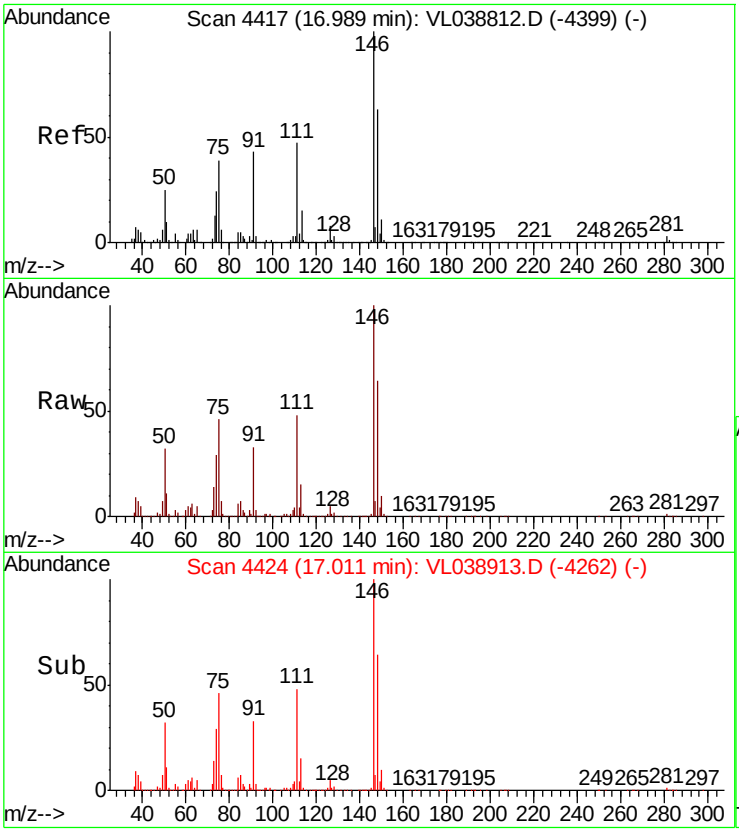


#74
1,2,4-Trimethylbenzene
Concen: 7.443 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:105 Resp: 3283652

Ion	Ratio	Lower	Upper
105	100		
120	44.9	39.8	59.8
91	47.4	39.4	59.0
77	22.6	17.3	25.9



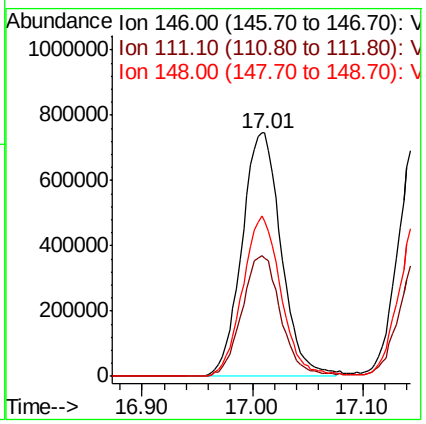


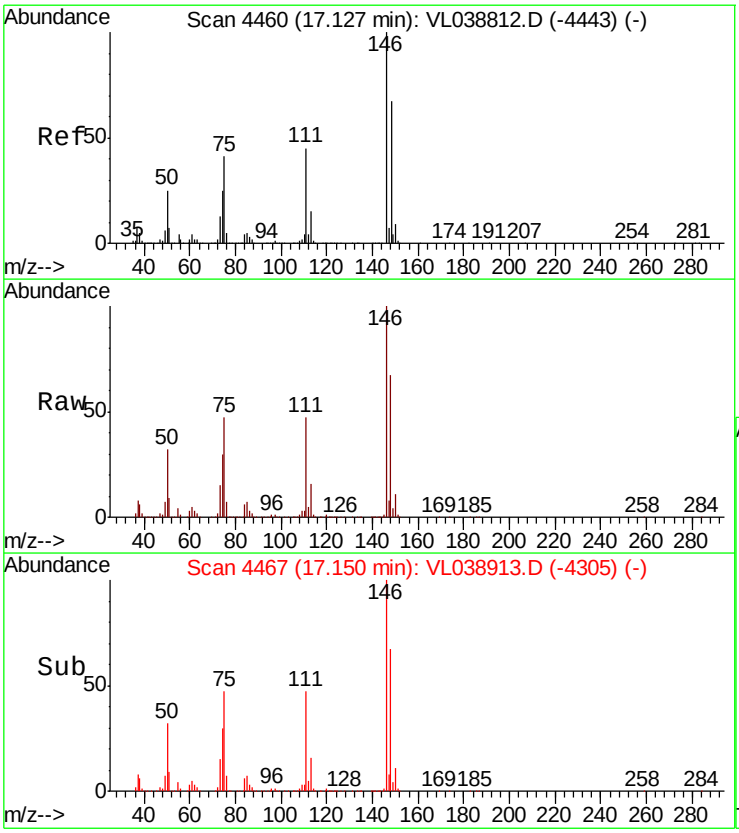
#75
1,3-Dichlorobenzene
Concen: 7.189 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:146 Resp: 1841556

Ion	Ratio	Lower	Upper
146	100		
111	49.0	23.8	71.2
148	64.3	31.8	95.4

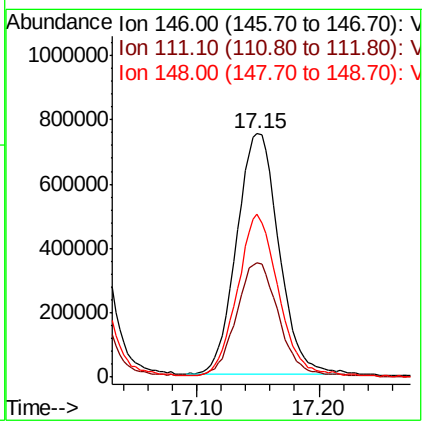


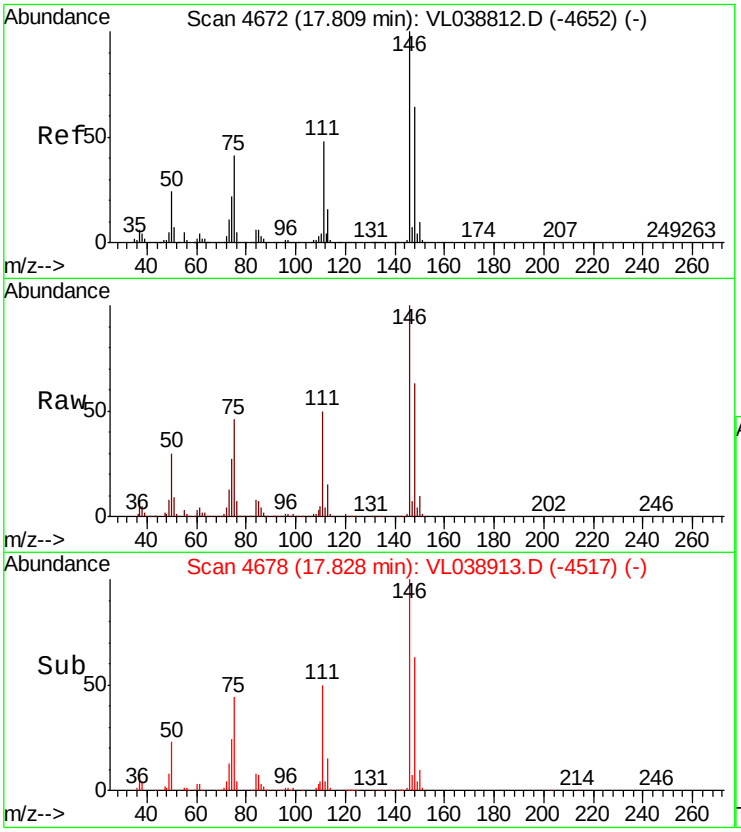


#76
1,4-Dichlorobenzene
Concen: 7.114 ppbv
RT: 17.15 min Scan# 4467
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:146 Resp: 1795078

Ion	Ratio	Lower	Upper
146	100		
111	47.9	23.6	70.8
148	66.6	33.6	100.6



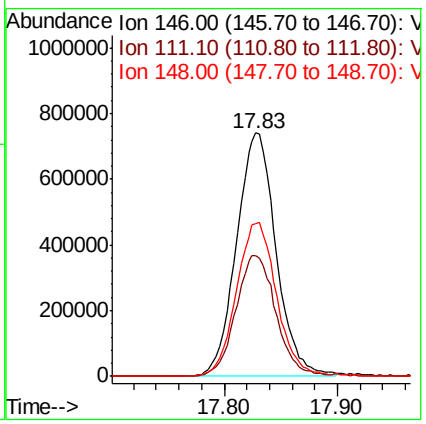


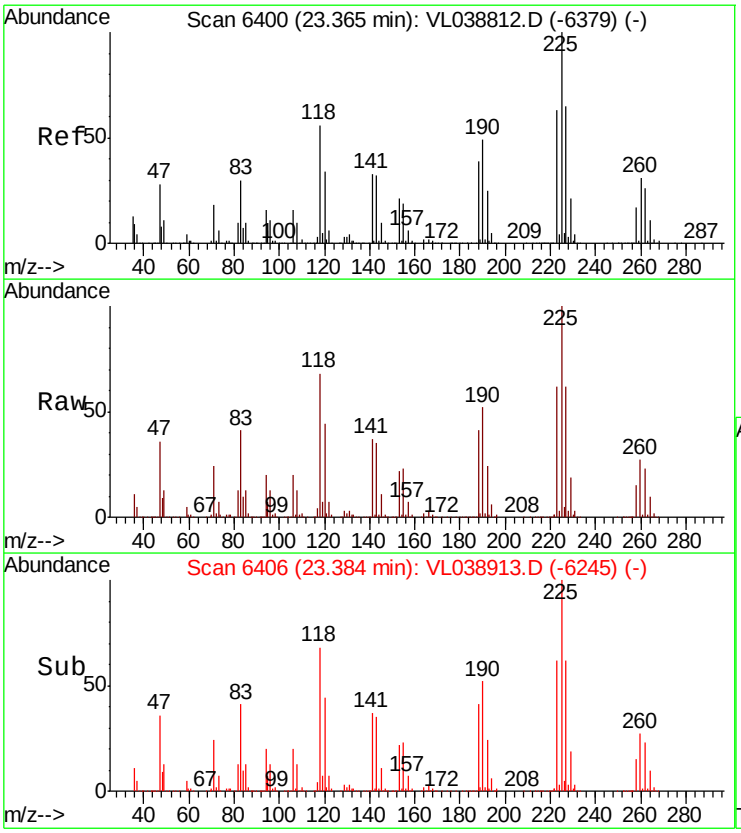
#77
1,2-Dichlorobenzene
Concen: 7.128 ppbv
RT: 17.83
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:146 Resp: 1799823

Ion	Ratio	Lower	Upper
146	100		
111	50.7	24.8	74.3
148	64.4	31.9	95.7

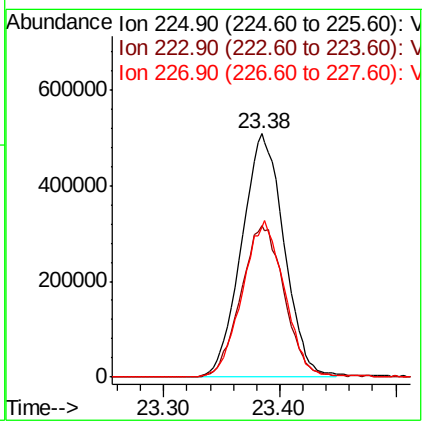


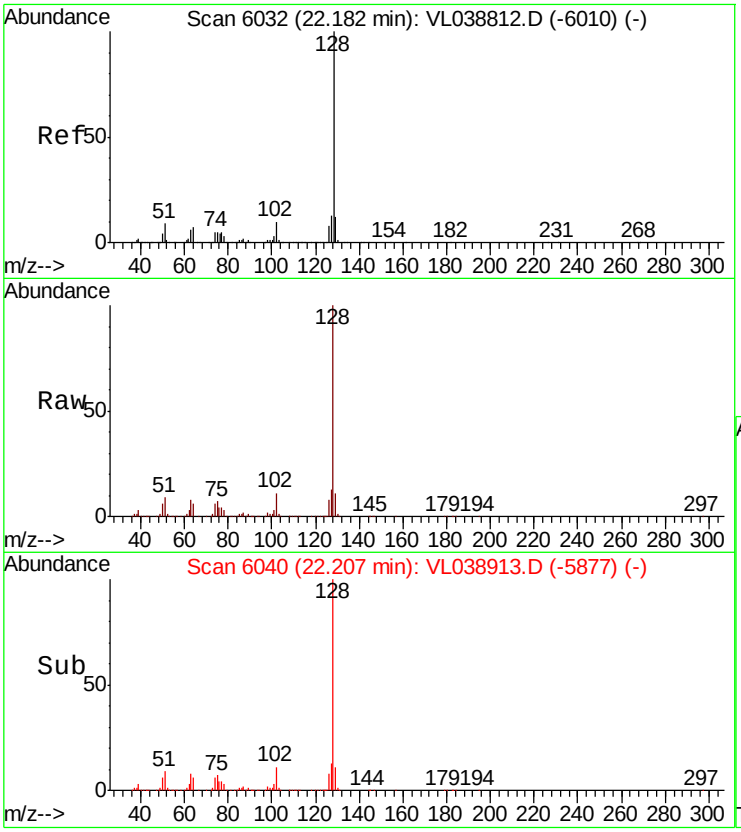


#78
Hexachloro-1,3-Butadiene
Concen: 6.469 ppbv
RT: 23.38 min Scan# 6406
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:225 Resp: 1290653

Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.6	77.4
227	64.1	52.3	78.5



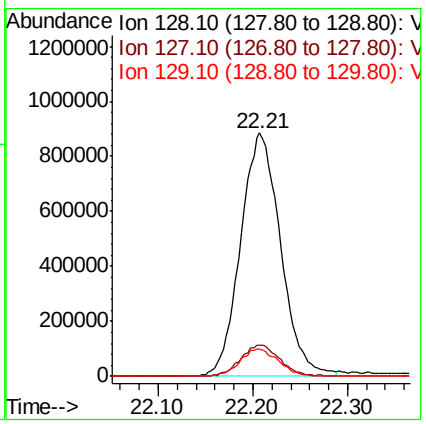


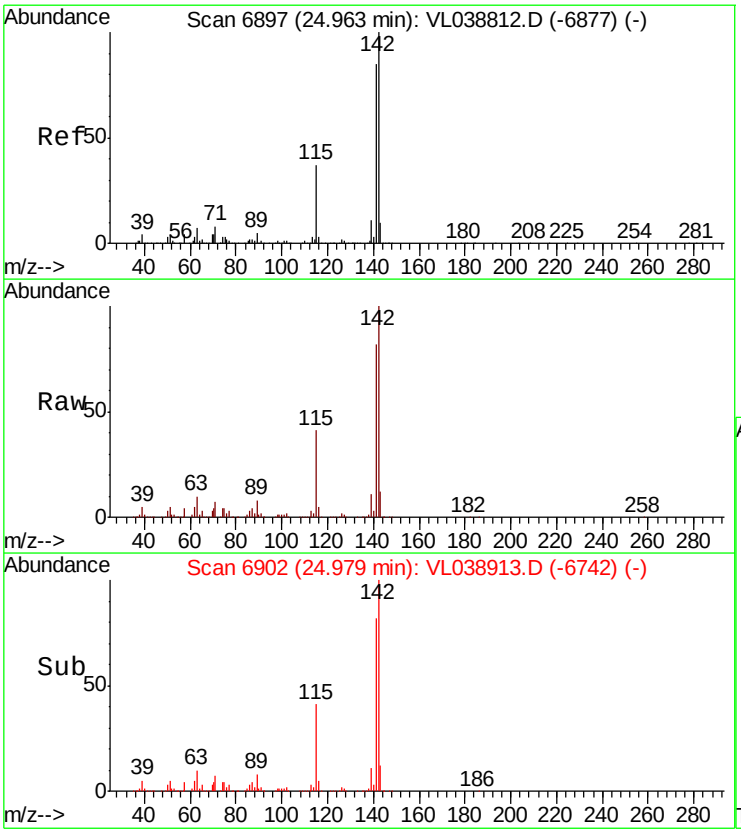
#79
Naphthalene
Concen: 7.878 ppbv
RT: 22.21
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:128 Resp: 2599827

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.3	9.4	14.0

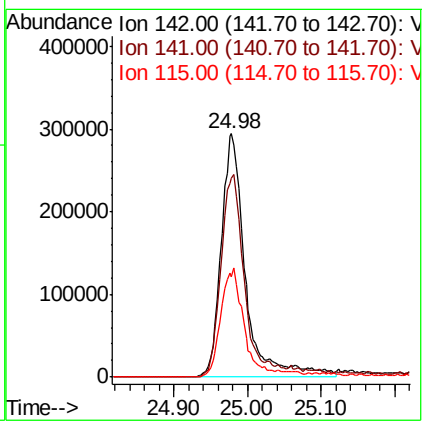


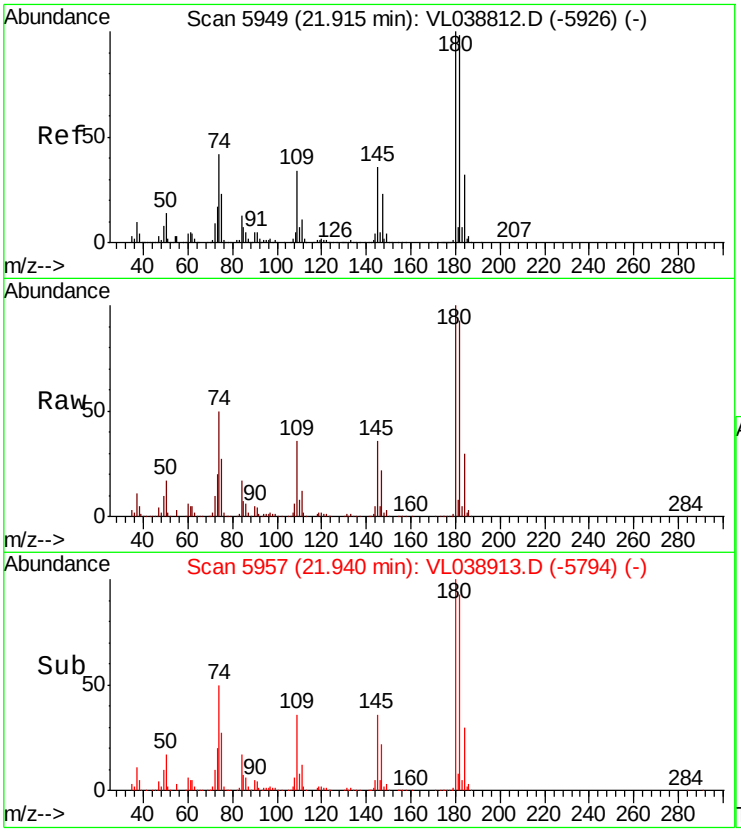


#80
Naphthalene,2-methyl-
Concen: 8.305 ppbv
RT: 24.98 min Scan# 6902
Delta R.T. 0.02 min
Lab File: VL038913.D
Acq: 14 Apr 2022 8:45

Tgt Ion:142 Resp: 675401

Ion	Ratio	Lower	Upper
142	100		
141	88.6	68.8	103.2
115	46.3	31.6	47.4





#81
1,2,4-Trichlorobenzene
Concen: 7.491 ppbv
RT: 21.94
Delta R.T
Lab File:
Acq: 14 Apr 2022 8:45

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS02

Tgt Ion:180 Resp: 1446736

Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.4	119.0
184	30.7	25.0	37.6