Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036473.D
Acq On : 25 Mar 2021 3:56
Operator :
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 25 07:54:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 07:52:30 2021
QLast Update : Thu Mar 25 07:52:30 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1503110	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3826157	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3439300	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2763780	9.78	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	163228	0.752	ppbv		90
3) Chlorodifluoromethane	2.99	51	167816	0.855	ppbv		99
4) Chloromethane	3.14	50	57469	0.662	ppbv		89
5) Vinyl Chloride	3.26	62	50058	0.610	ppbv	#	83
6) Bromomethane	3.48	94	32202	0.633	ppbv		87
7) Chloroethane	3.56	64	9621	0.314	ppbv	#	83
8) Dichlorotetrafluoroethane	3.19	85	134714	0.641	ppbv		98
9) Propene	3.01	41	50179	0.628	ppbv		97
10) Heptane	8.12	43	58700	0.297	ppbv	#	28
11) Trichlorofluoromethane	3.95	101	143841	0.652	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.48	101	91215	0.644	ppbv		95
13) Ethanol	3.62	45	2374	0.207	ppbv	#	55
14) Bromoethene	3.74	108	16571	0.283	ppbv	#	1
15) Acetone	3.86	43	74674	0.445	ppbv	#	59
16) 1,3-Butadiene	3.32	39	24377	0.280	ppbv	#	13
17) tert-Butyl alcohol	4.31	59	44848	0.334	ppbv	#	75
18) 1,1-Dichloroethene	4.29	96	35098	0.555	ppbv		78
19) Isopropyl Alcohol	3.98	45	24774	0.265	ppbv	#	91
20) Methylene Chloride	4.34	84	21575	0.358	ppbv	#	93
21) Allyl Chloride	4.41	41	29940	0.296	ppbv	#	2
22) trans-1,2-Dichloroethene	4.88	96	17031	0.295	ppbv		93
23) Vinyl Acetate	5.08	43	121871	0.597	ppbv	#	94
24) 1,1-Dichloroethane	5.01	63	106062	0.667	ppbv	#	98
25) Ethyl Acetate	5.68	43	107846	0.321	ppbv	#	77
26) Hexane	5.69	57	87711	0.618	ppbv		93
27) Carbon Disulfide	4.55	76	34651	0.248	ppbv	#	22
28) Methyl tert-Butyl Ether	5.05	73	91776	0.495	ppbv	#	88
29) Chloroform	5.75	83	141961	0.617	ppbv		94
30) Cyclohexane	7.13	84	26858	0.229	ppbv	#	1
31) cis-1,2-Dichloroethene	5.55	61	35455	0.258	ppbv		95
32) 1,1,1-Trichloroethane	6.51	97	76743	0.333	ppbv	#	21
34) 2-Butanone	5.26	43	73509	0.329	ppbv	#	82
35) Carbon Tetrachloride	7.02	117	139839	0.556	ppbv		92
36) Benzene	6.89	78	166673	0.547	ppbv		99
37) 1,2-Dichloroethane	6.31	62	100329	0.527	ppbv	#	96
38) Trichloroethene	7.83	130	51699	0.452	ppbv		93
39) 1,2-Dichloropropane	7.61	63	63486	0.488	ppbv		92
42) Bromodichloromethane	7.79	83	131370	0.510	ppbv		96
43) Methyl Methacrylate	8.02	69	47325	0.397	ppbv		90
44) 2,2,4-Trimethylpentane	7.87	57	306657	0.555	ppbv		94
45) t-1,3-Dichloropropene	9.31	75	2896	0.024	ppbv		93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036473.D
Acq On : 25 Mar 2021 3:56
Operator :
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 25 07:54:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 07:52:30 2021
QLast Update : Thu Mar 25 07:52:30 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.71	75	15230	0.098	ppbv	#	81
47) 1,1,2-Trichloroethane	9.47	97	42243	0.328	ppbv		96
48) Dibromochloromethane	10.30	129	93635	0.479	ppbv		87
49) Bromoform	13.04	173	36695	0.230	ppbv	#	25
50) 4-Methyl-2-Pentanone	8.76	43	85474	0.266	ppbv	#	82
52) Tetrachloroethene	11.22	164	33050	0.291	ppbv		90
53) Toluene	9.81	91	157843	0.480	ppbv		98
54) 1,2-Dibromoethane	10.61	107	94021	0.508	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.13	131	41810	0.272	ppbv	#	10
57) Chlorobenzene	12.15	112	79054	0.309	ppbv		95
58) Ethyl Benzene	12.72	91	229482	0.520	ppbv		90
59) m/p-Xylene	13.00	91	122132	0.315	ppbv	#	32
60) o-Xylene	13.69	91	208182	0.559	ppbv		99
61) Styrene	13.53	104	44201	0.202	ppbv	#	32
62) Isopropylbenzene	14.67	105	283201	0.513	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	97672	0.339	ppbv	#	45
64) n-propylbenzene	15.57	120	41122	0.299	ppbv	#	1
65) tert-Butylbenzene	16.74	119	95792	0.200	ppbv	#	1
66) Benzyl Chloride	17.00	91	5625	0.050	ppbv	#	1
67) sec-Butylbenzene	17.30	105	309149	0.462	ppbv		98
69) p-Isopropyltoluene	17.66	119	233574	0.436	ppbv		95
70) n-Butylbenzene	18.56	91	123082	0.223	ppbv	#	38
71) 2-Chlorotoluene	15.46	91	198174	0.479	ppbv		98
72) 4-Ethyltoluene	15.85	105	120812	0.298	ppbv	#	70
73) 1,3,5-Trimethylbenzene	16.01	105	188006	0.481	ppbv		89
74) 1,2,4-Trimethylbenzene	16.77	105	123114	0.297	ppbv		98
75) 1,3-Dichlorobenzene	17.00	146	65806	0.284	ppbv	#	22
76) 1,4-Dichlorobenzene	17.15	146	117335	0.507	ppbv		92
77) 1,2-Dichlorobenzene	17.83	146	111319	0.493	ppbv		90
78) Hexachloro-1,3-Butadiene	23.38	225	79541	0.434	ppbv	#	58
79) Naphthalene	22.21	128	29788	0.121	ppbv	#	90
80) Naphthalene,2-methyl-	25.03	142	6326	0.120	ppbv	#	73
81) 1,2,4-Trichlorobenzene	21.94	180	20890	0.145	ppbv	#	1

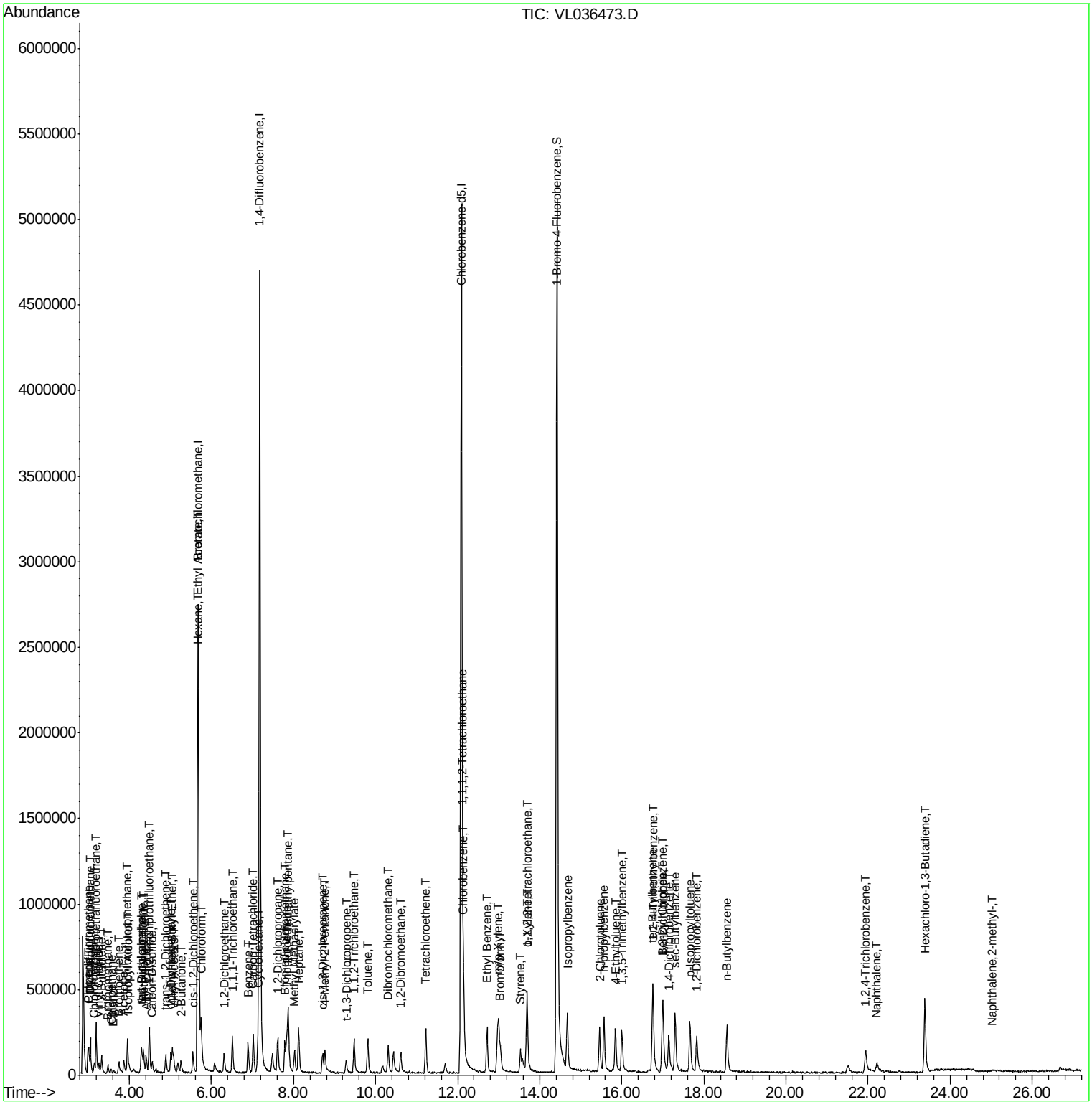
(#) = qualifier out of range (m) = manual integration (+) = signals summed

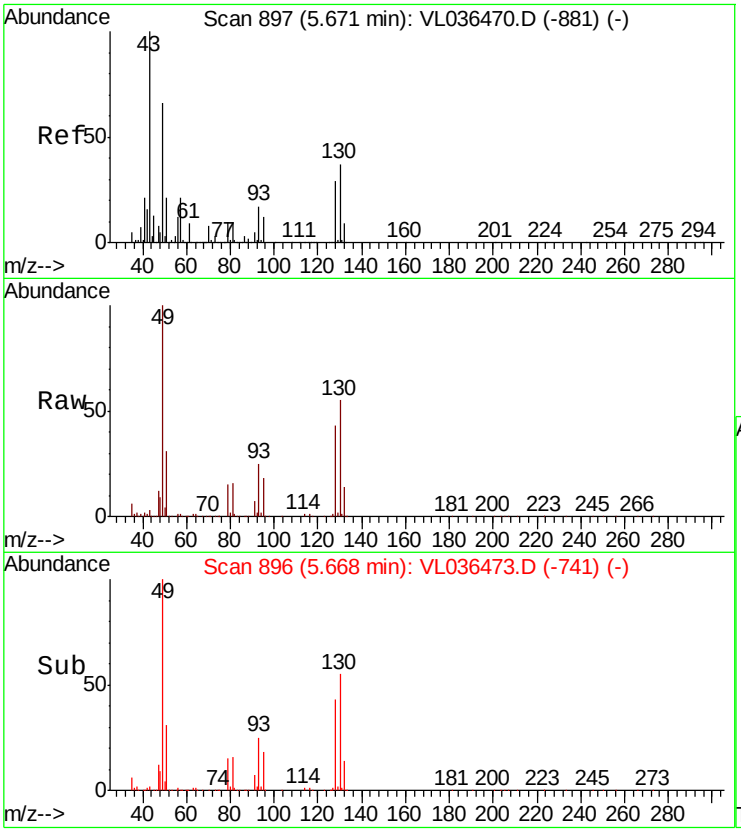
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032521\
Data File : VL036473.D
Acq On : 25 Mar 2021 3:56
Operator :
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 25 07:54:55 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 07:52:30 2021
QLast Update : Thu Mar 25 07:52:30 2021
Response via : Initial Calibration



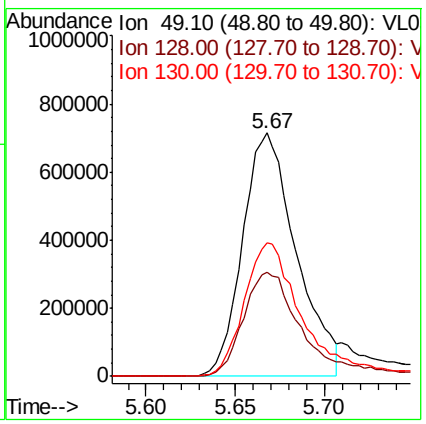


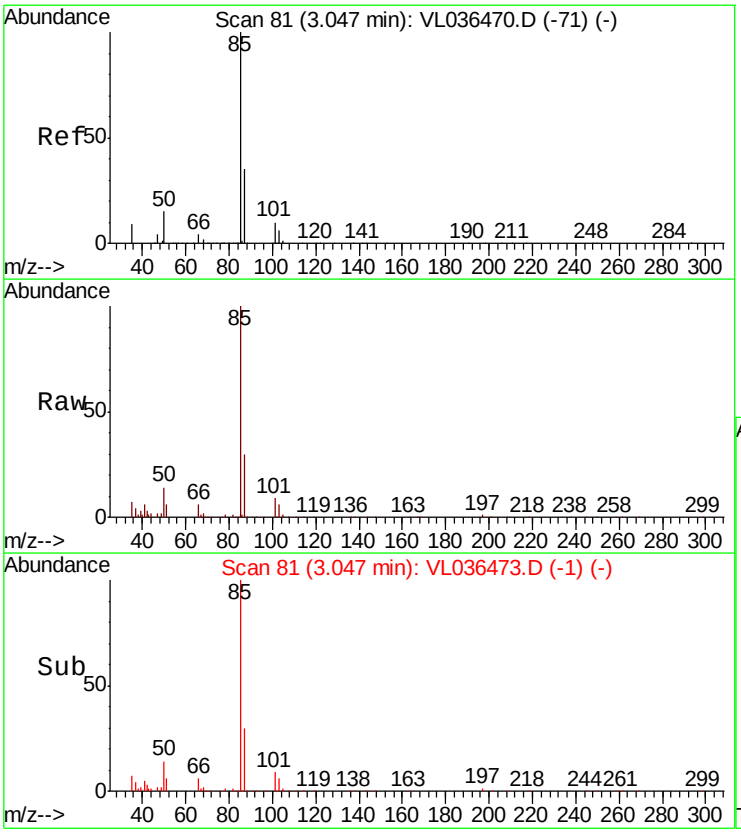
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1503110

Ion	Ratio	Lower	Upper
49	100		
128	48.2	23.6	70.8
130	61.9	29.3	87.8

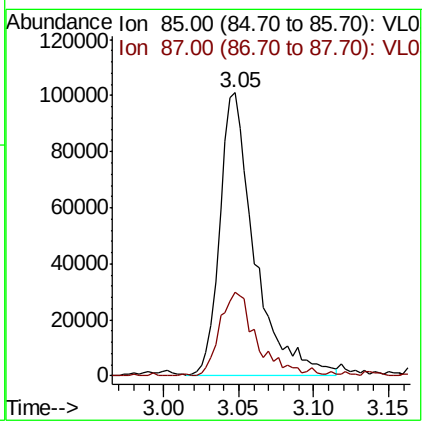


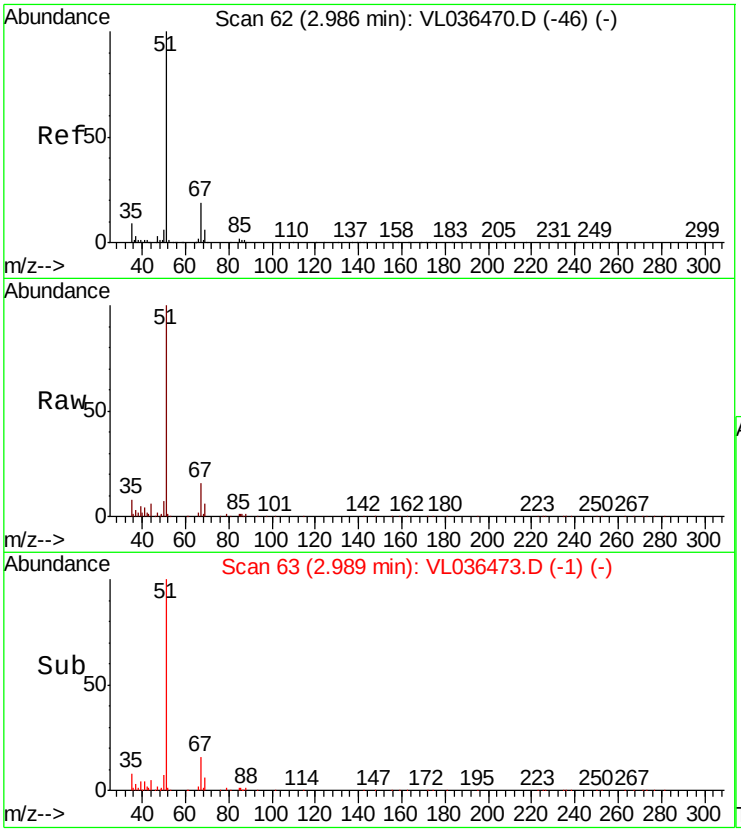


#2
Dichlorodifluoromethane
Concen: 0.752 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 85 Resp: 163228

Ion	Ratio	Lower	Upper
85	100		
87	29.2	27.8	41.8



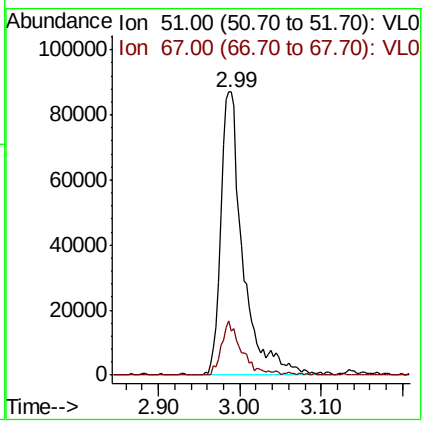


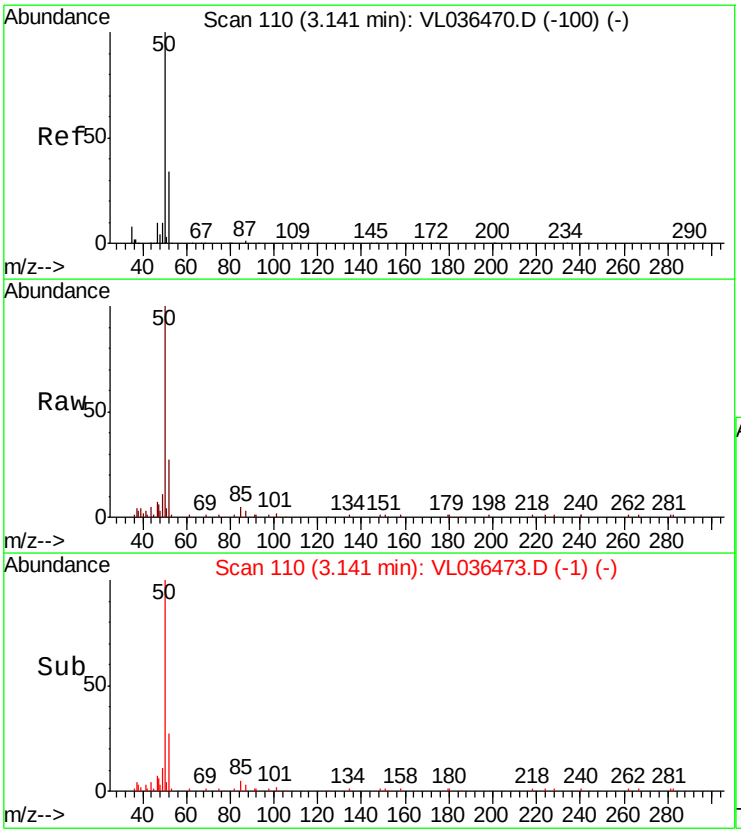
#3
Chlorodifluoromethane
Concen: 0.855 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 167816

Ion	Ratio	Lower	Upper
51	100		
67	18.1	14.7	22.1

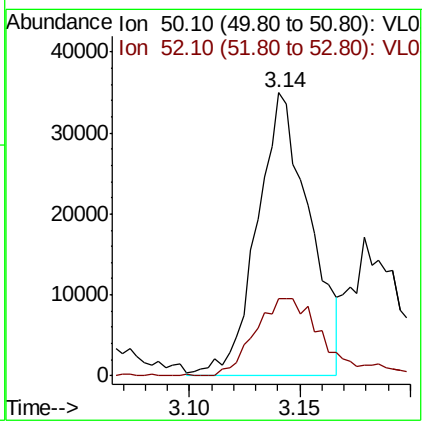


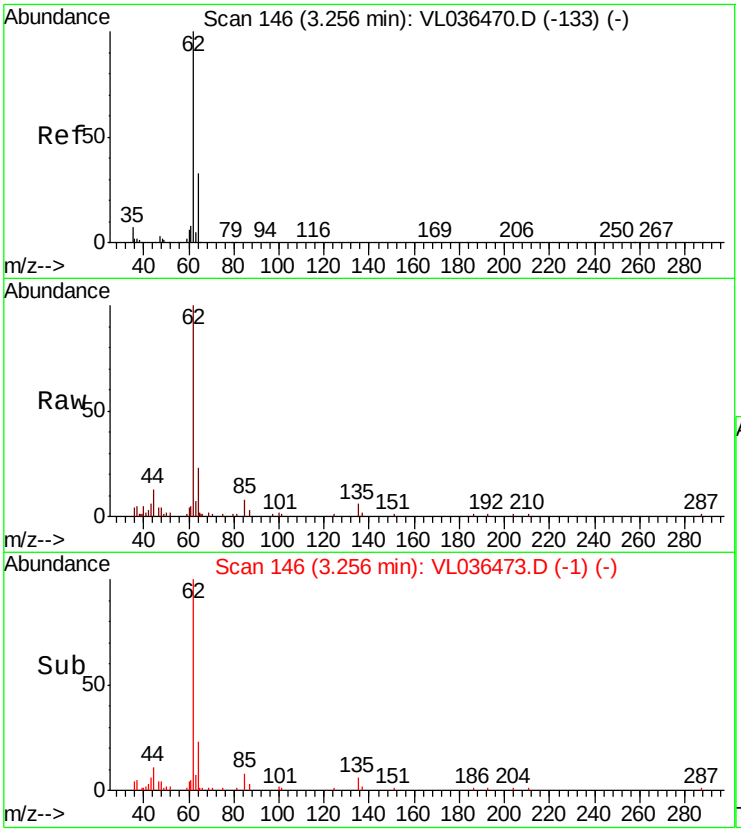


#4
Chloromethane
Concen: 0.662 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 50 Resp: 57469

Ion	Ratio	Lower	Upper
50	100		
52	27.3	27.0	40.6



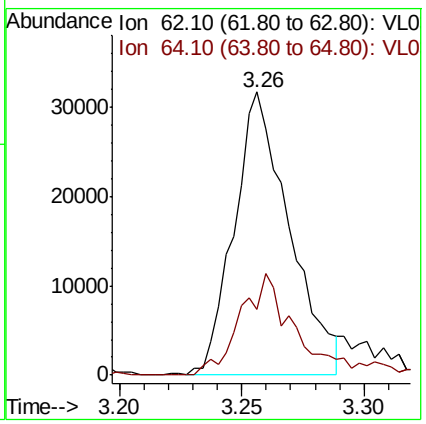


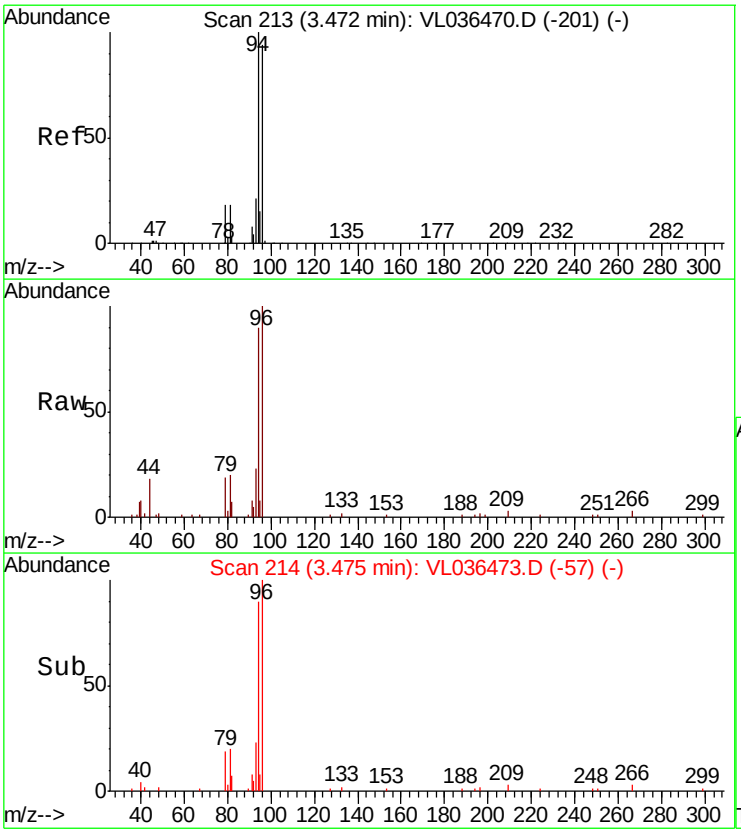
#5
Vinyl Chloride
Concen: 0.610 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 50058

Ion	Ratio	Lower	Upper
62	100		
64	23.3	26.4	39.6#

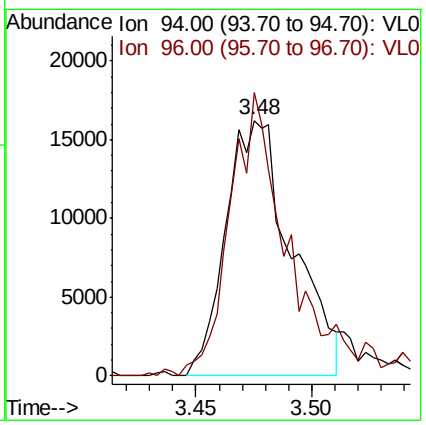


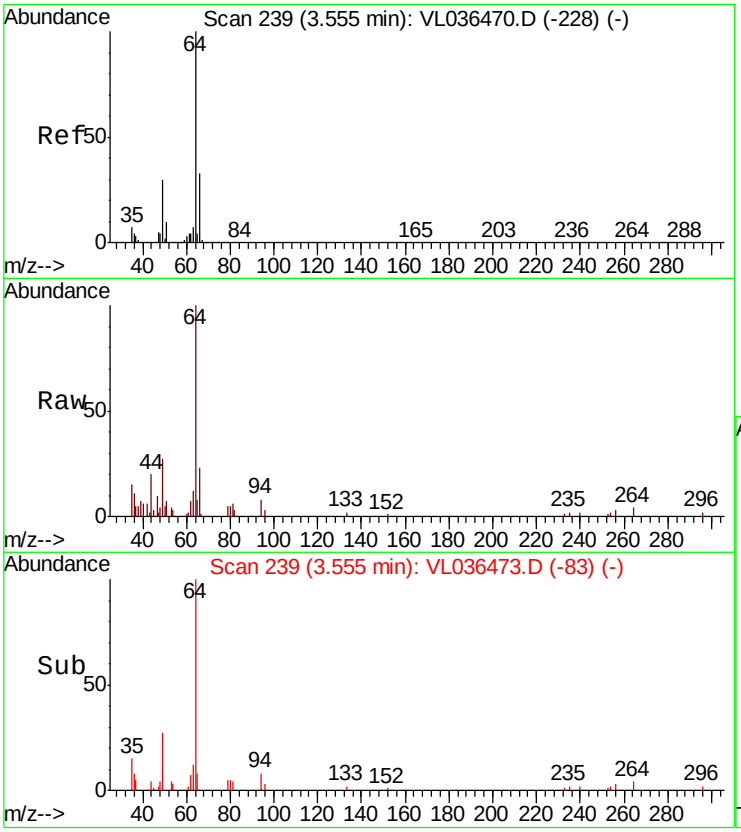


#6
Bromomethane
Concen: 0.633 ppbv
RT: 3.48 min Scan# 214
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 94 Resp: 32202

Ion	Ratio	Lower	Upper
94	100		
96	106.4	74.9	112.3



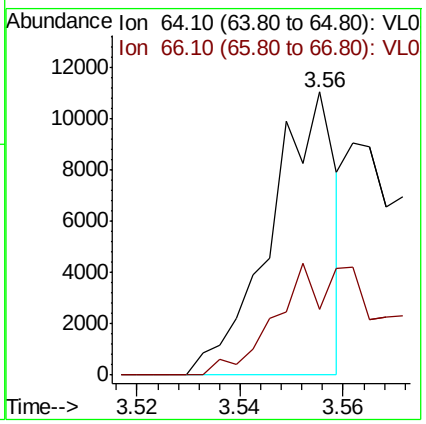


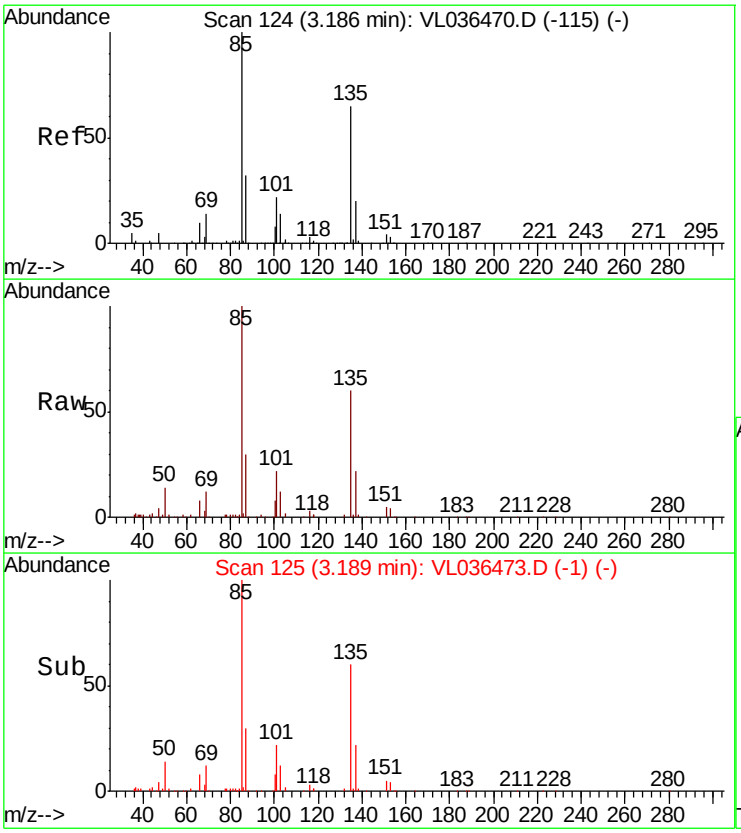
#7
Chloroethane
Concen: 0.314 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 9621

Ion	Ratio	Lower	Upper
64	100		
66	23.2	26.2	39.2#

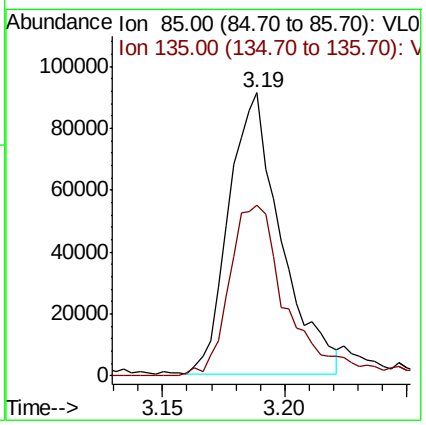


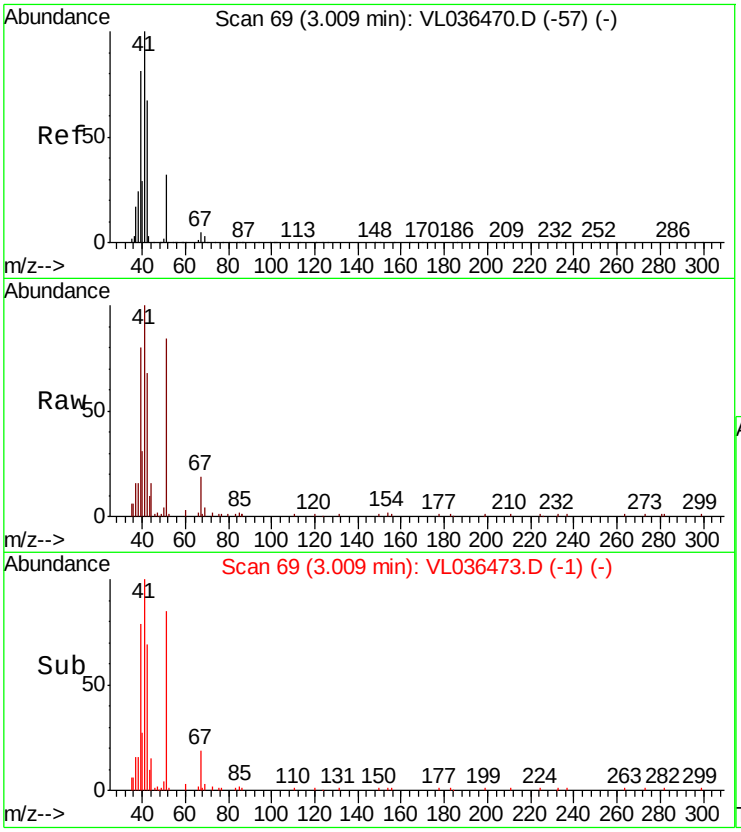


#8
Dichlorotetrafluoroethane
Concen: 0.641 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 85 Resp: 134714

Ion	Ratio	Lower	Upper
85	100		
135	69.4	54.3	81.5



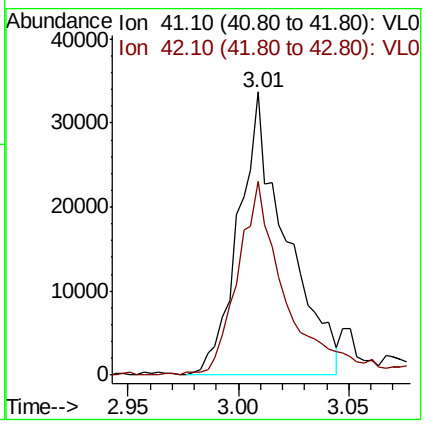


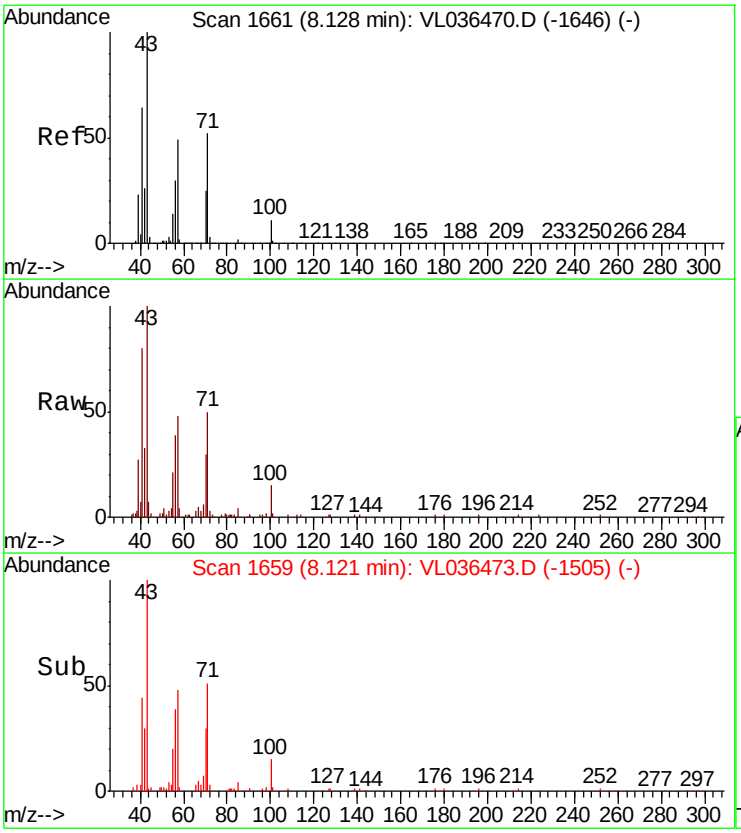
#9
Propene
Concen: 0.628 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 50179

Ion	Ratio	Lower	Upper
41	100		
42	73.7	57.0	85.4

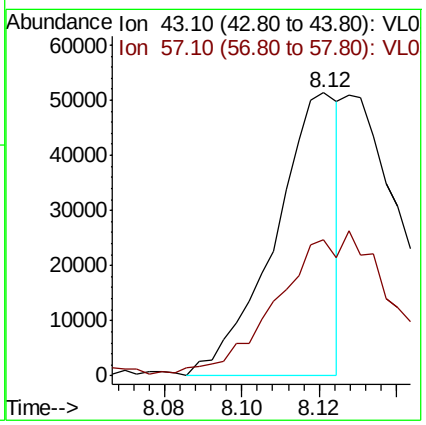


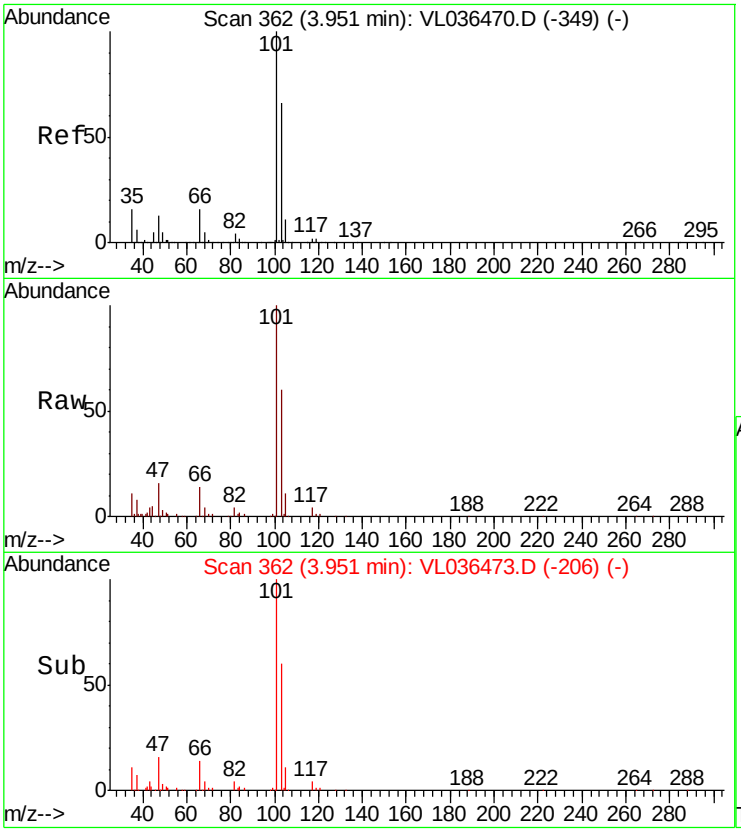


#10
Heptane
Concen: 0.297 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 43 Resp: 58700

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.4	59.0#



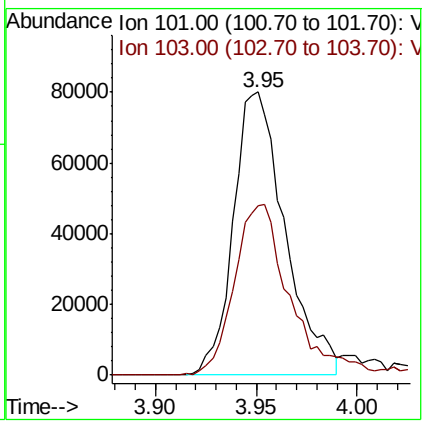


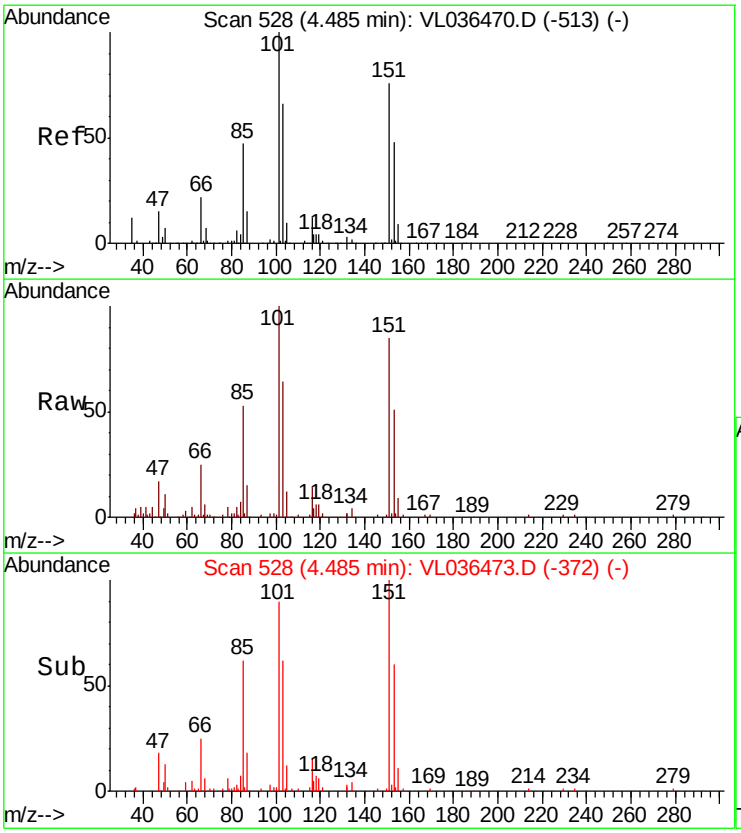
#11
Trichlorofluoromethane
Concen: 0.652 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 143841

Ion	Ratio	Lower	Upper
101	100		
103	59.1	52.5	78.7

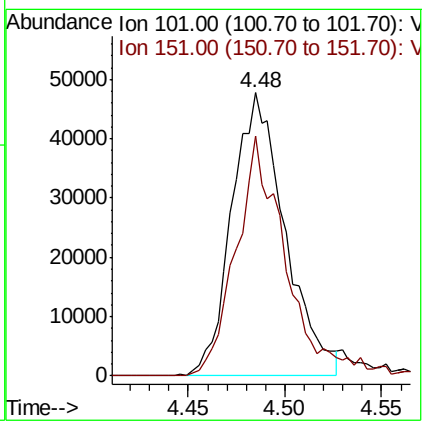


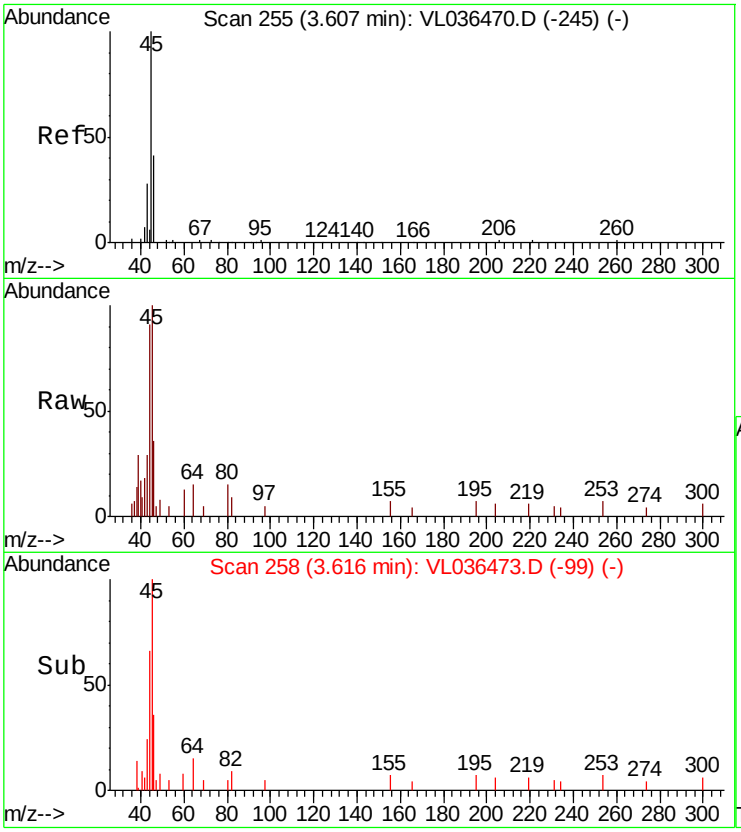


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.644 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:101 Resp: 91215

Ion	Ratio	Lower	Upper
101	100		
151	80.5	60.9	91.3



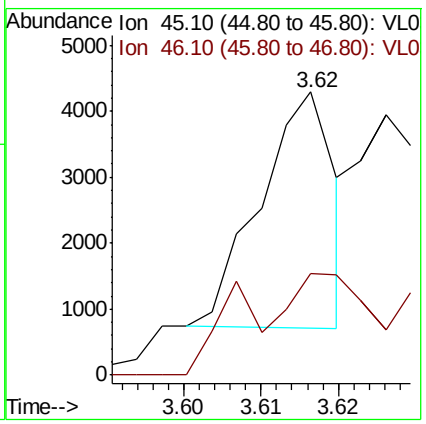


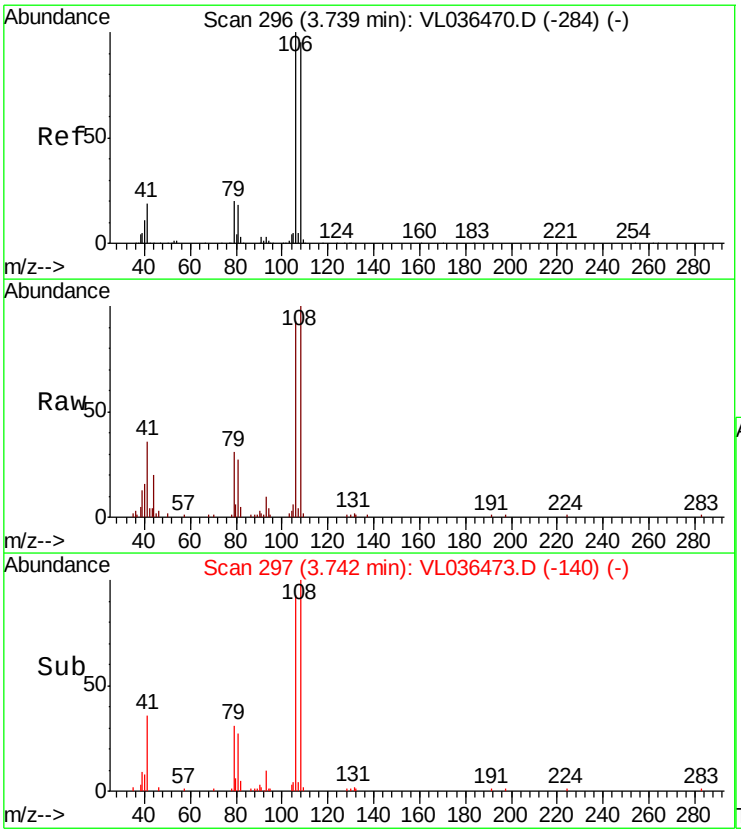
#13
Ethanol
Concen: 0.207 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 2374

Ion	Ratio	Lower	Upper
45	100		
46	69.9	16.6	66.4#

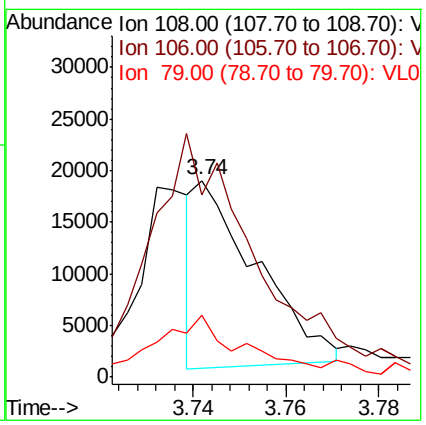


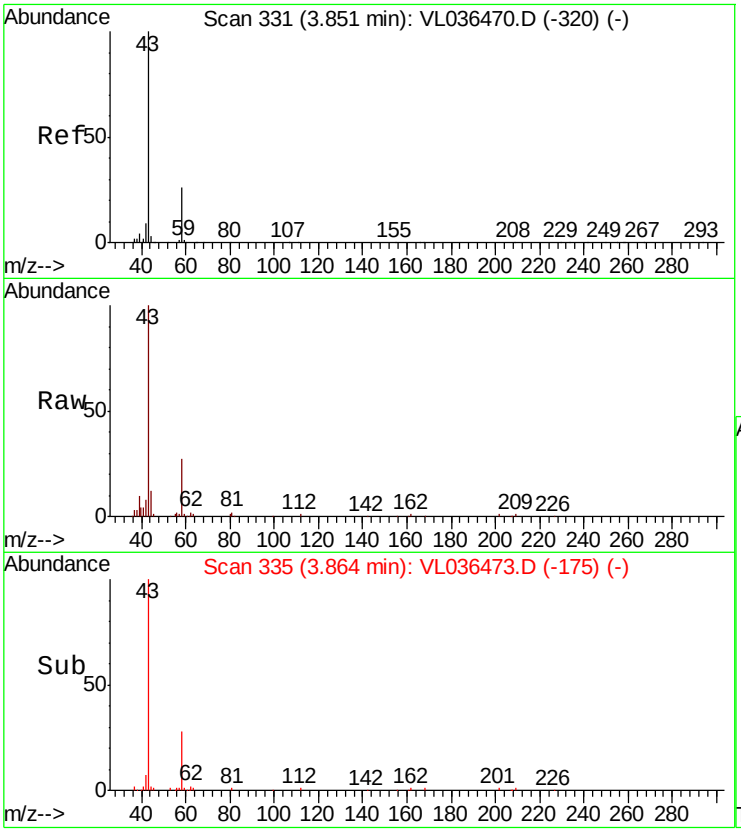


#14
Bromoethene
Concen: 0.283 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:108 Resp: 16571

Ion	Ratio	Lower	Upper
108	100		
106	242.7	89.0	133.4#
79	53.8	16.8	25.2#



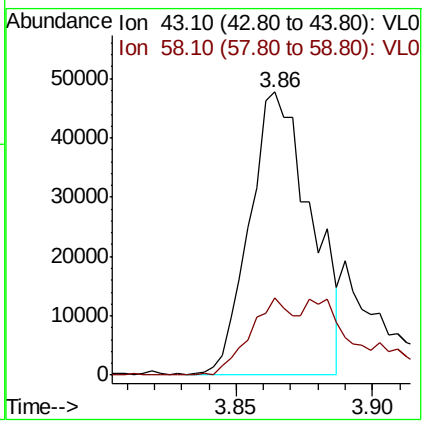


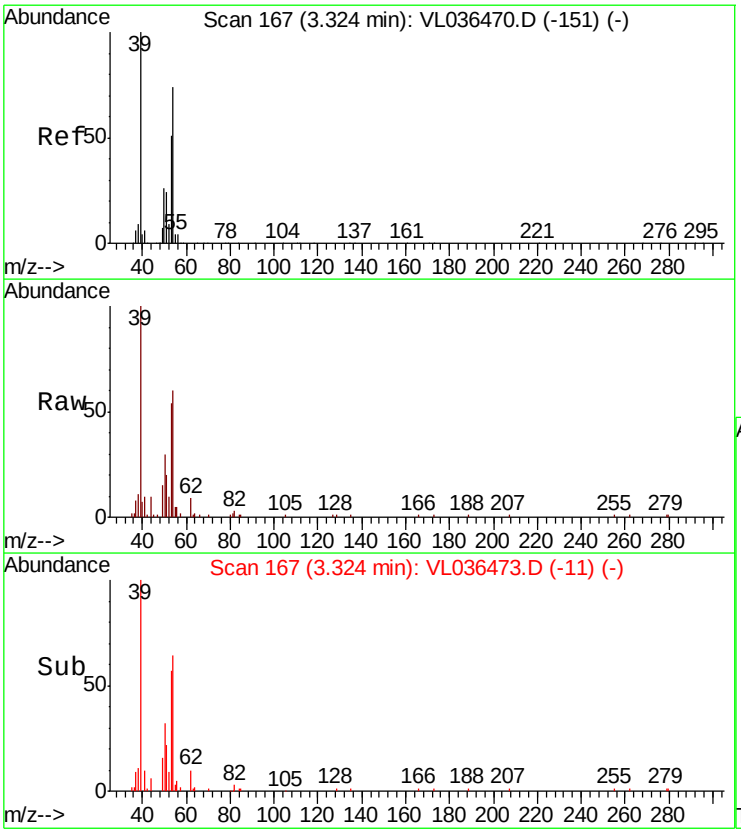
#15
Acetone
Concen: 0.445 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 74674

Ion	Ratio	Lower	Upper
43	100		
58	47.3	21.1	31.7#

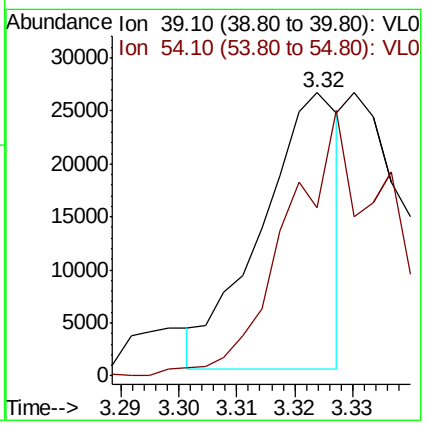


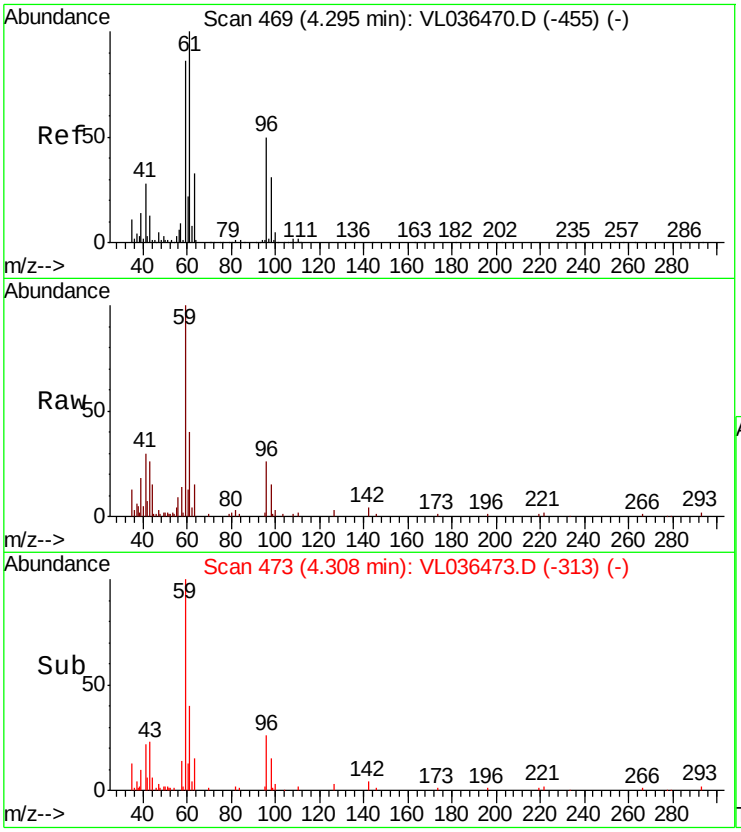


#16
1,3-Butadiene
Concen: 0.280 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 39 Resp: 24377

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.0	88.4#



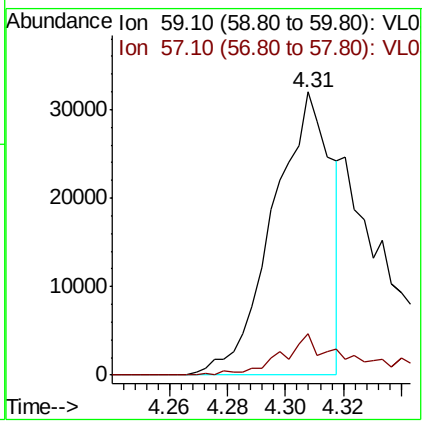


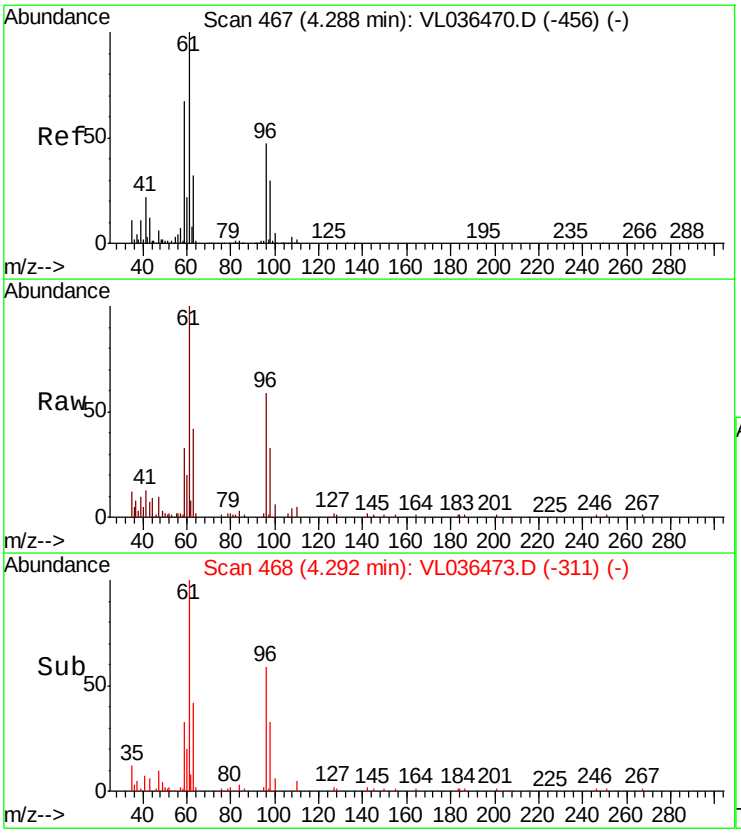
#17
tert-Butyl alcohol
Concen: 0.334 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 44848

Ion	Ratio	Lower	Upper
59	100		
57	20.5	8.8	13.2#

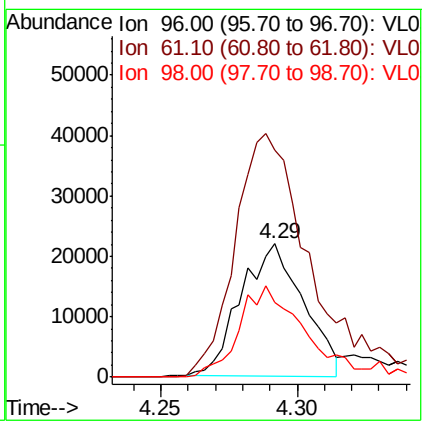


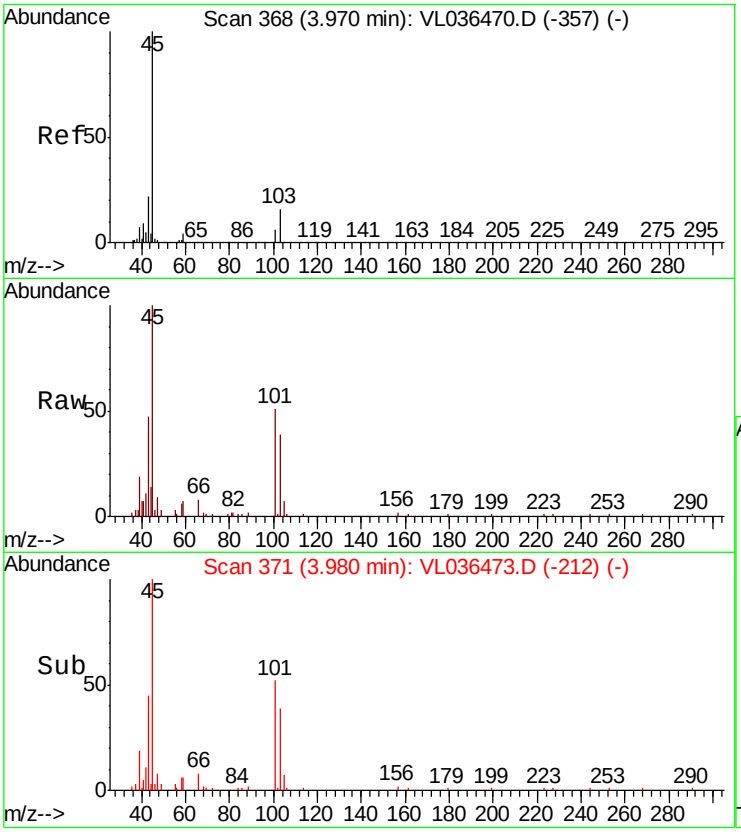


#18
1,1-Dichloroethene
Concen: 0.555 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 96 Resp: 35098

Ion	Ratio	Lower	Upper
96	100		
61	170.6	168.6	253.0
98	56.7	50.8	76.2



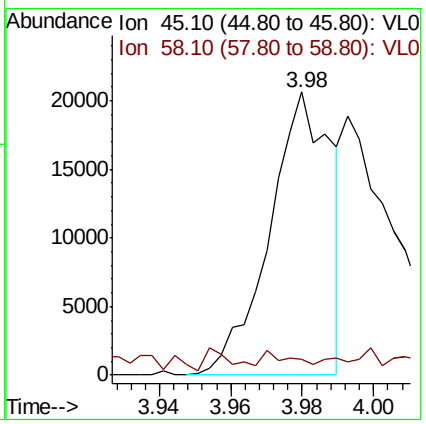


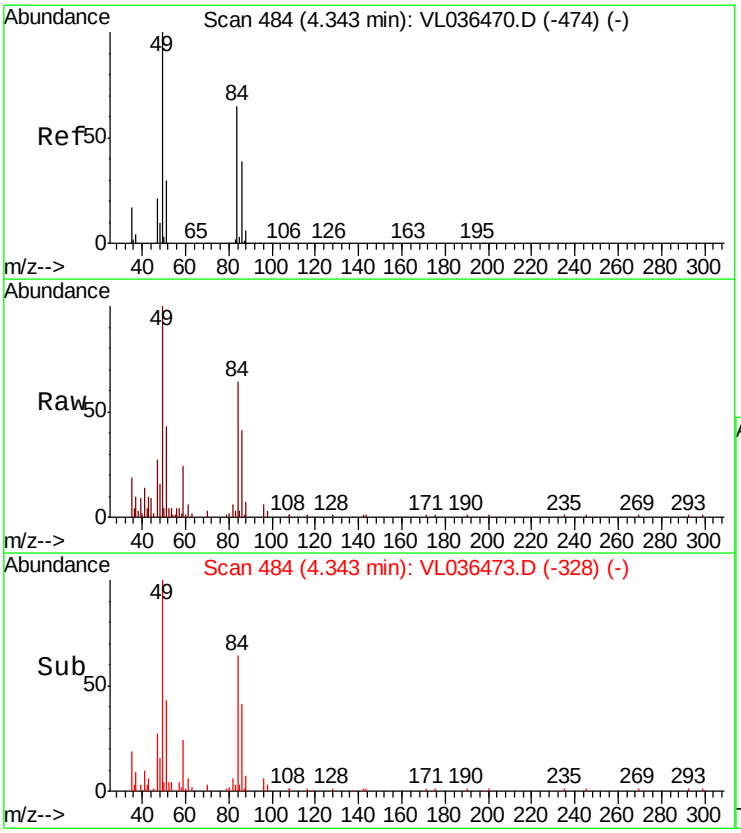
#19
Isopropyl Alcohol
Concen: 0.265 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 24774

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.3	3.5#

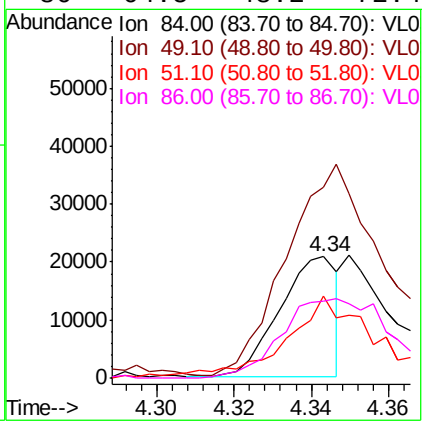


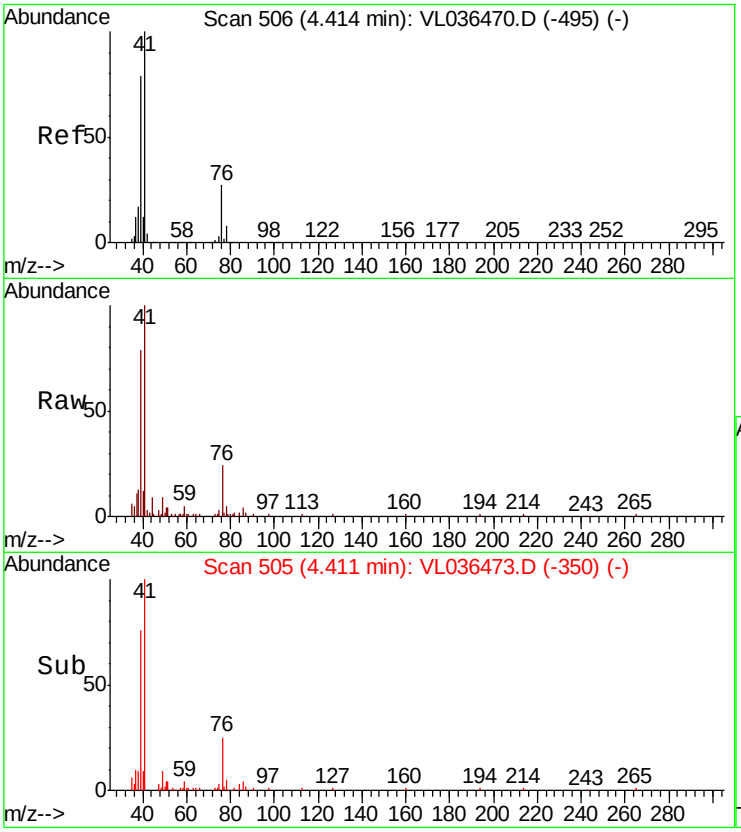


#20
Methylene Chloride
Concen: 0.358 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 84 Resp: 21575

Ion	Ratio	Lower	Upper
84	100		
49	155.4	122.9	184.3
51	63.4	36.9	55.3#
86	64.5	48.2	72.4



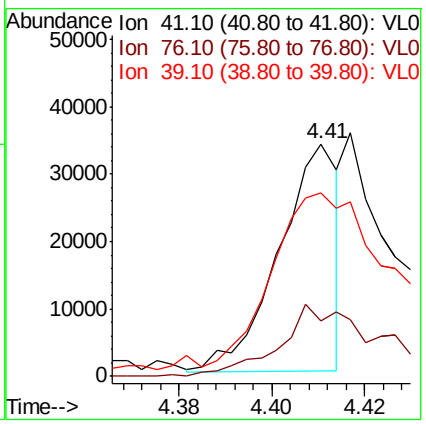


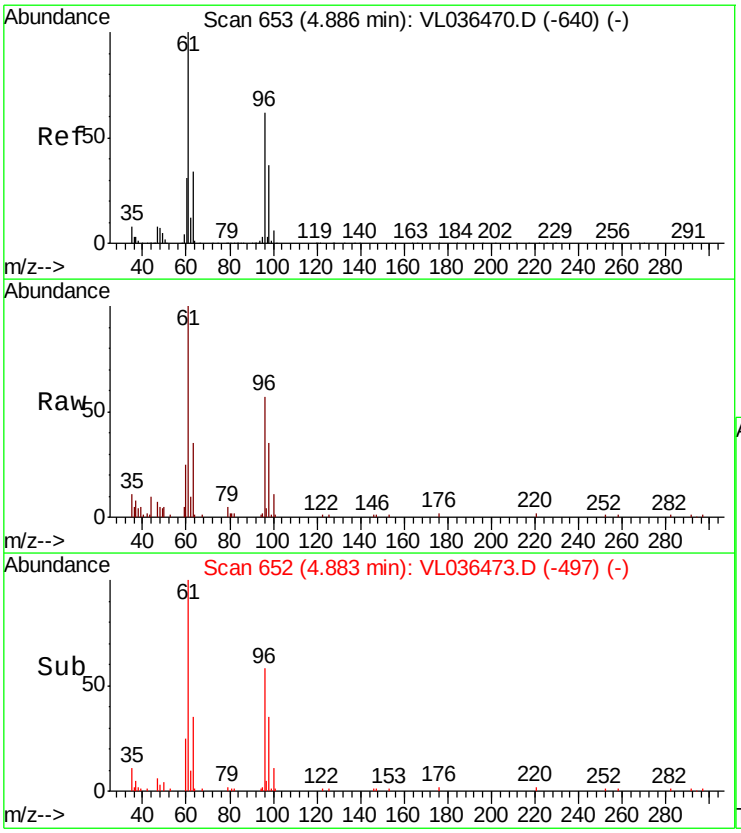
#21
Allyl Chloride
Concen: 0.296 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 29940

Ion	Ratio	Lower	Upper
41	100		
76	63.3	22.9	34.3#
39	186.4	69.4	104.0#

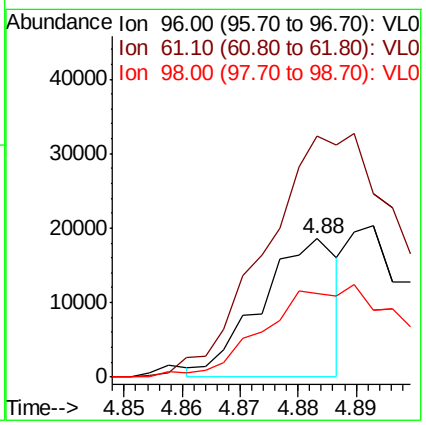


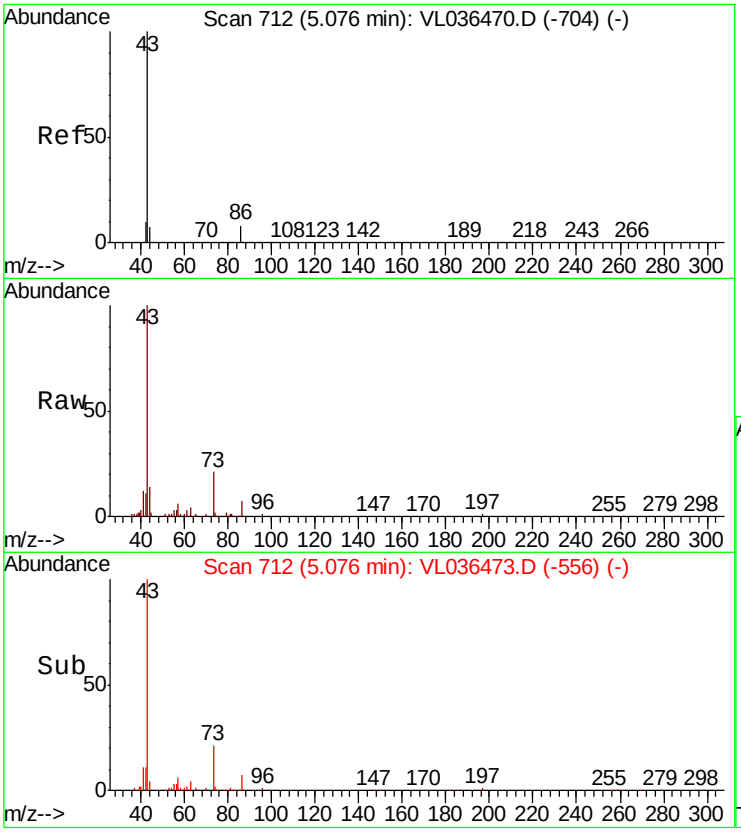


#22
trans-1,2-Dichloroethene
Concen: 0.295 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 96 Resp: 17031

Ion	Ratio	Lower	Upper
96	100		
61	172.9	129.4	194.0
98	62.0	48.2	72.4



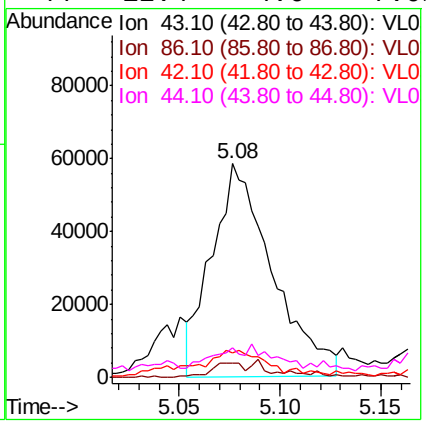


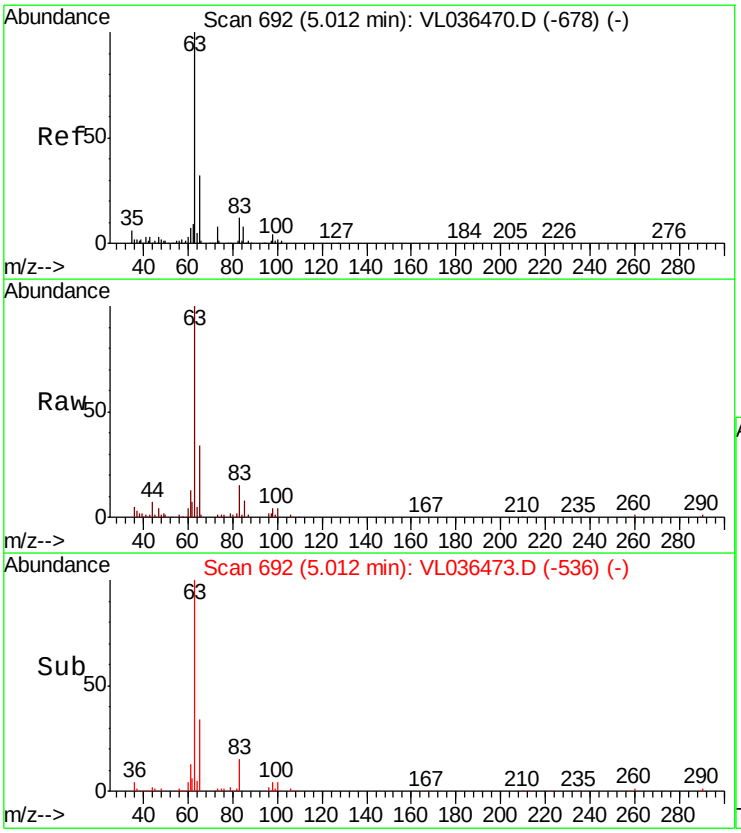
#23
Vinyl Acetate
Concen: 0.597 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 121871

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.4	8.0
42	9.4	8.5	12.7
44	12.4	4.6	7.0#

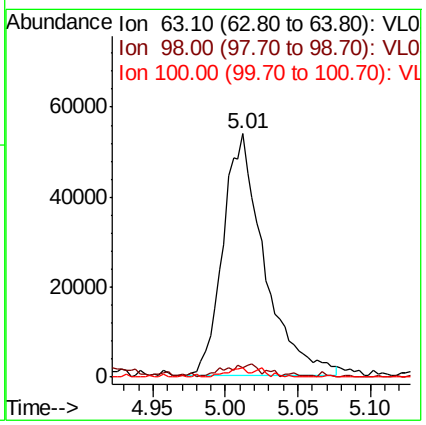


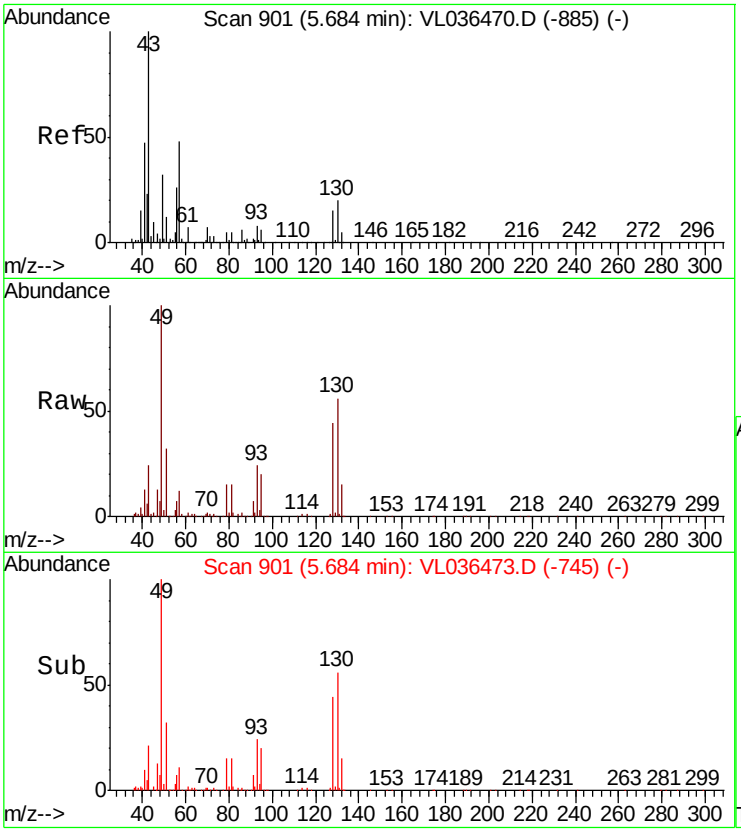


#24
1,1-Dichloroethane
Concen: 0.667 ppbv
RT: 5.01 min Scan# 692
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 63 Resp: 106062

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.2
100	3.9	0.9	2.8#



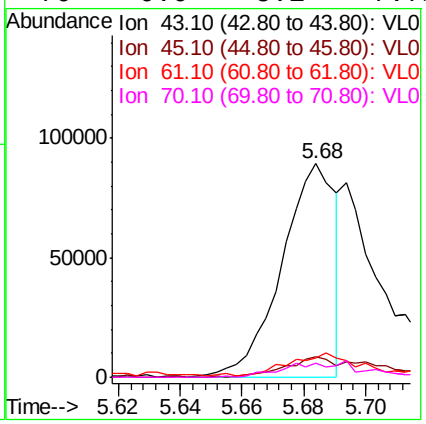


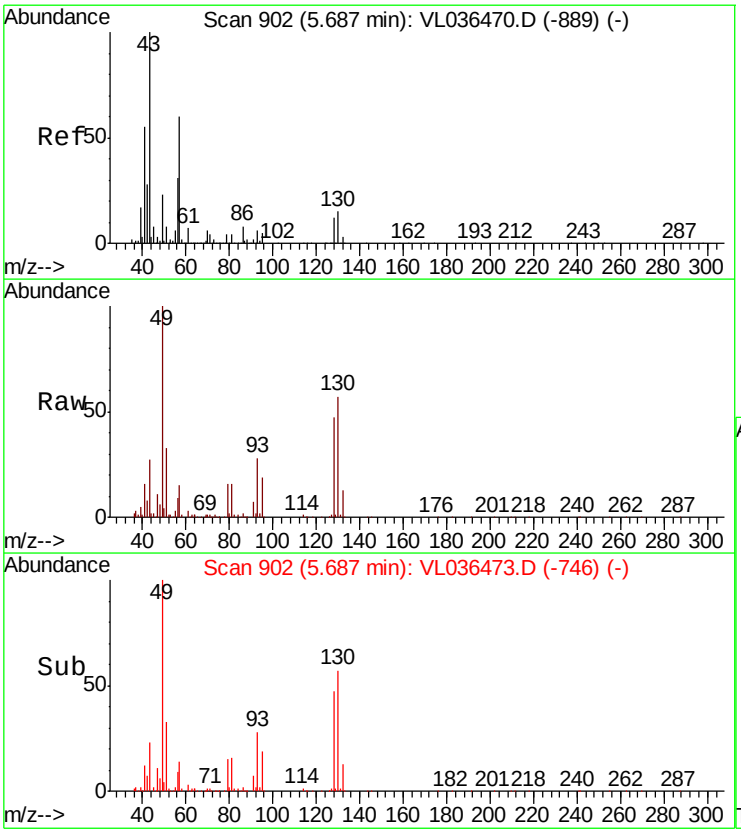
#25
Ethyl Acetate
Concen: 0.321 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 107846

Ion	Ratio	Lower	Upper
43	100		
45	16.6	7.9	11.9#
61	20.3	7.4	11.2#
70	0.0	5.1	7.7#

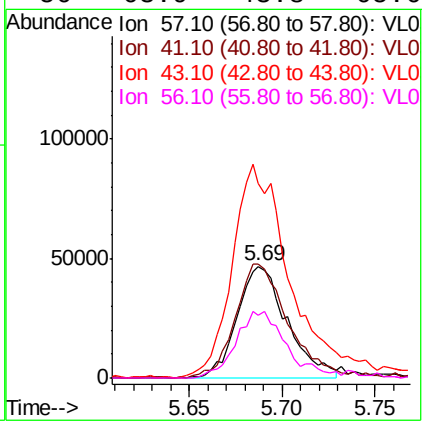


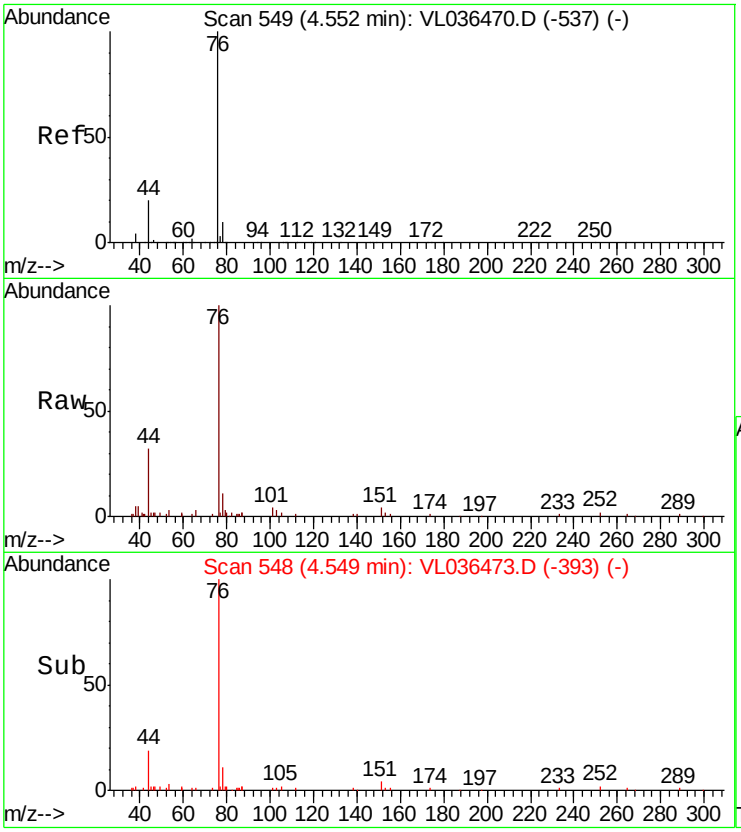


#26
Hexane
Concen: 0.618 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 57 Resp: 87711

Ion	Ratio	Lower	Upper
57	100		
41	107.8	77.3	115.9
43	223.6	174.8	262.2
56	63.9	43.8	65.6



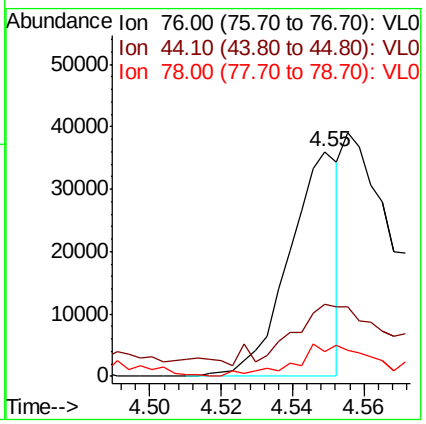


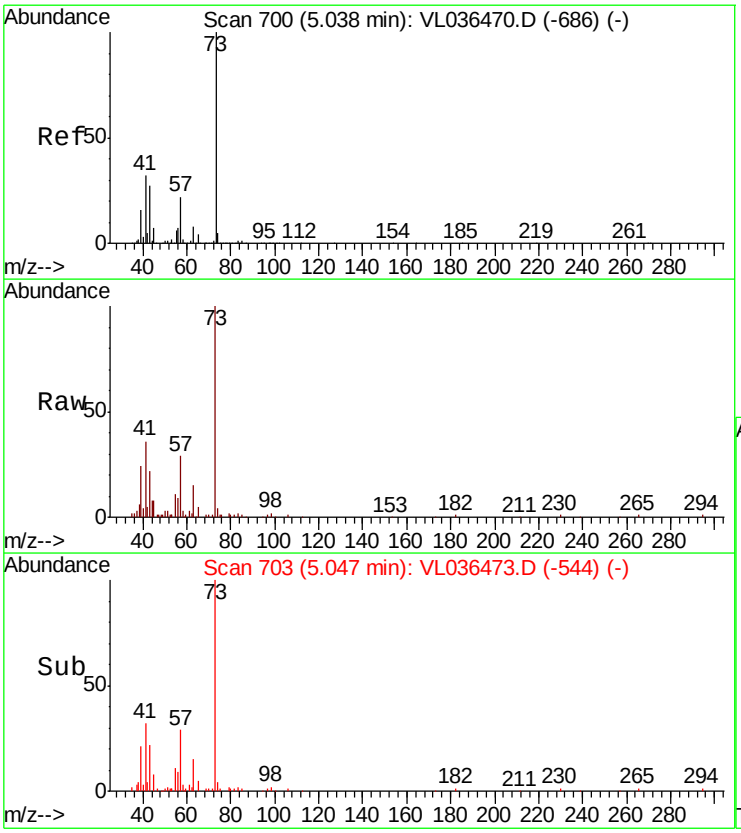
#27
Carbon Disulfide
Concen: 0.248 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 34651

Ion	Ratio	Lower	Upper
76	100		
44	65.9	17.5	26.3#
78	29.4	8.6	13.0#

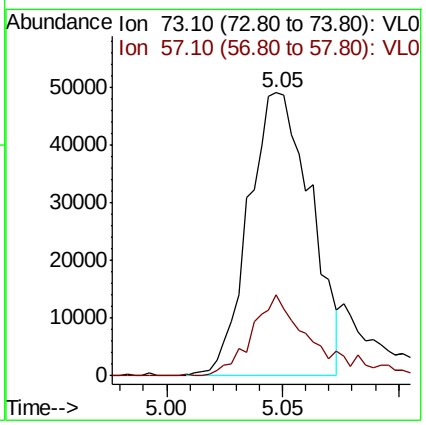


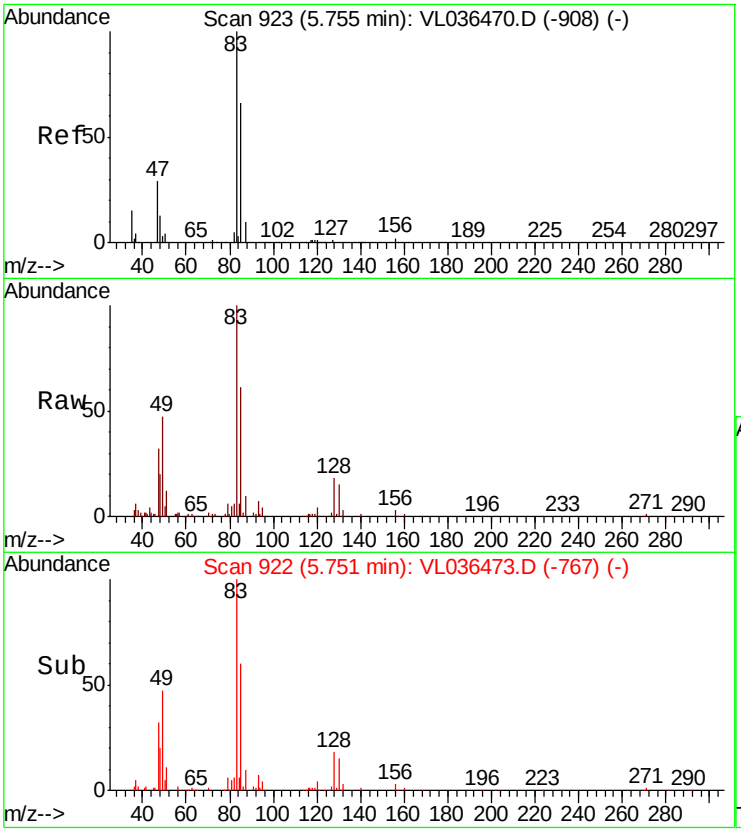


#28
Methyl tert-Butyl Ether
Concen: 0.495 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 73 Resp: 91776

Ion	Ratio	Lower	Upper
73	100		
57	29.1	18.6	27.8#



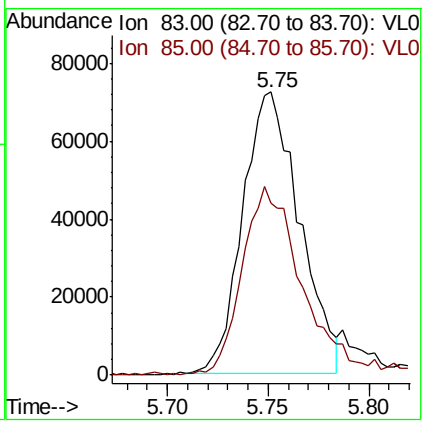


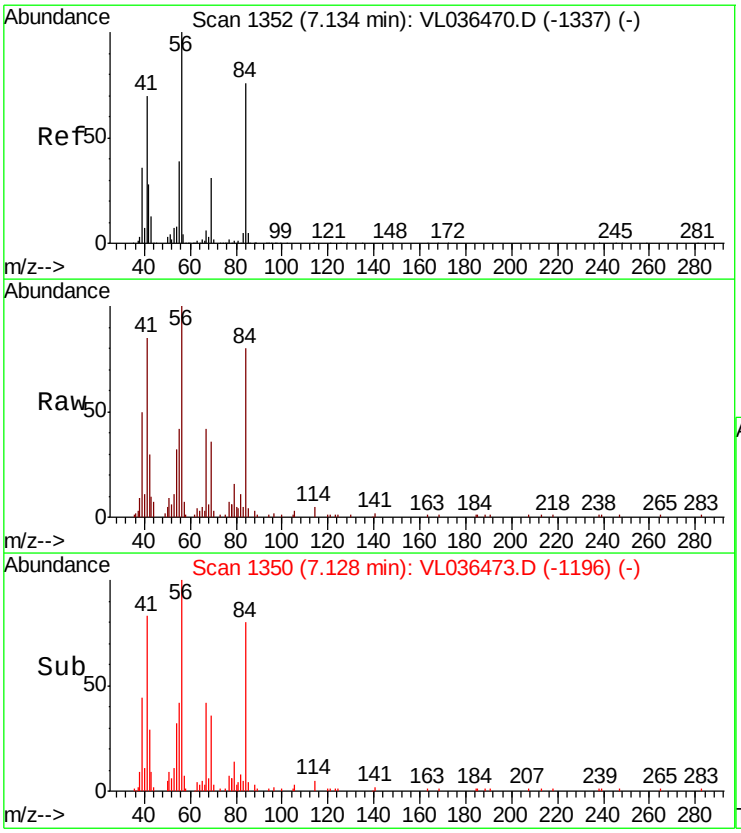
#29
Chloroform
Concen: 0.617 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 141961

Ion	Ratio	Lower	Upper
83	100		
85	60.6	52.6	78.8

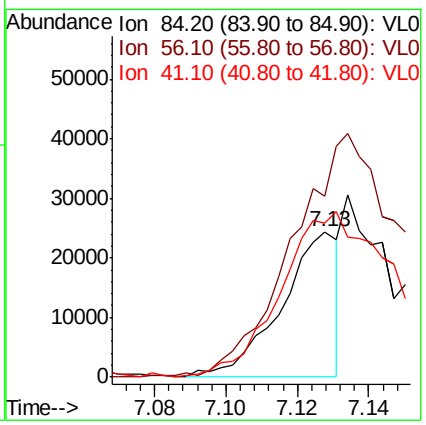


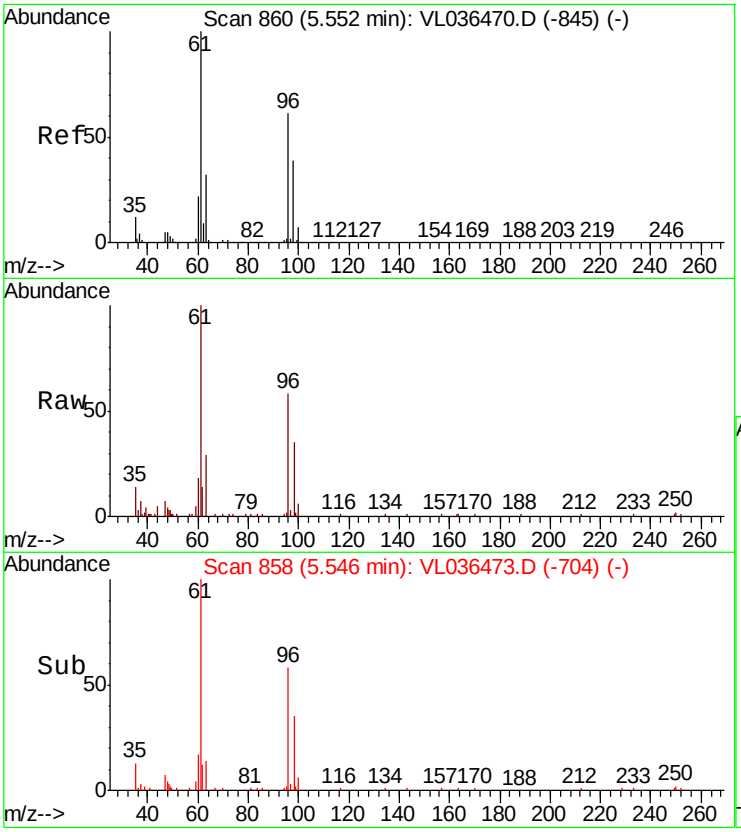


#30
Cyclohexane
Concen: 0.229 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 84 Resp: 26858

Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	0.0	75.3	112.9#



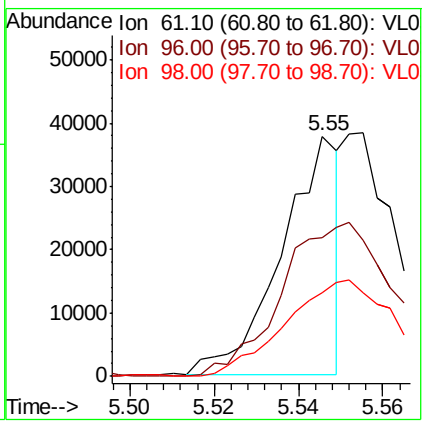


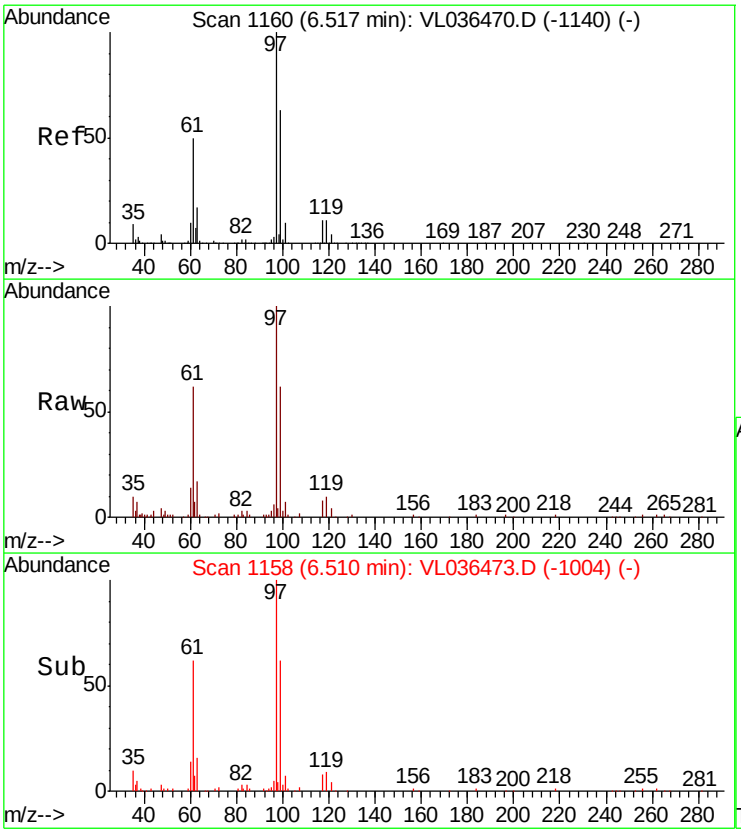
#31
cis-1,2-Dichloroethene
Concen: 0.258 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 35455

Ion	Ratio	Lower	Upper
61	100		
96	58.3	48.7	73.1
98	34.7	31.4	47.0

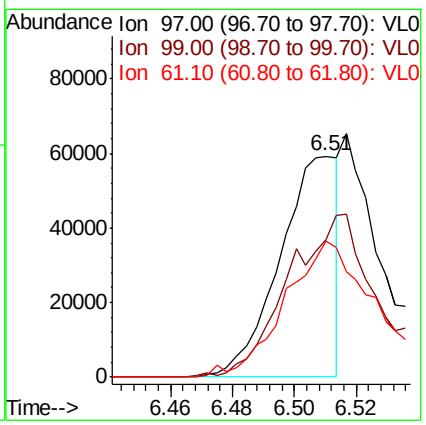


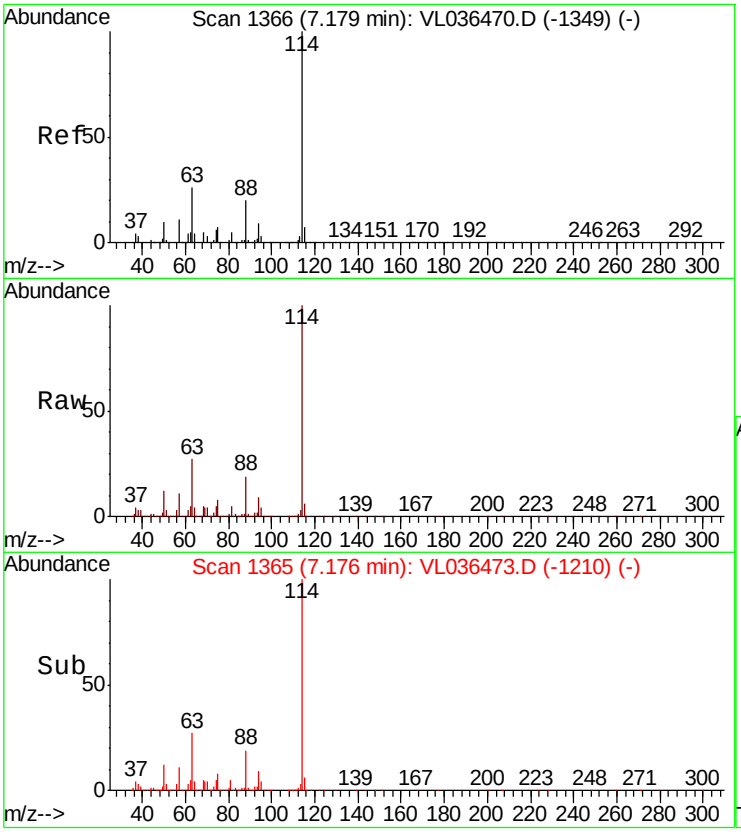


#32
1,1,1-Trichloroethane
Concen: 0.333 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 97 Resp: 76743

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	102.2	40.6	60.8#



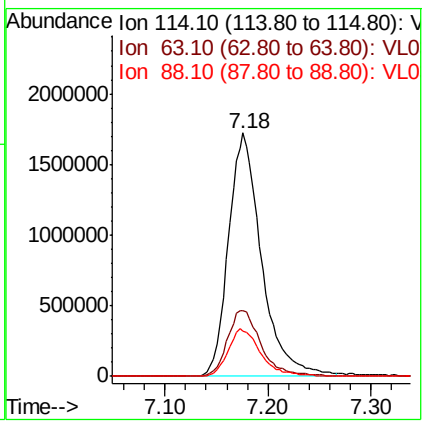


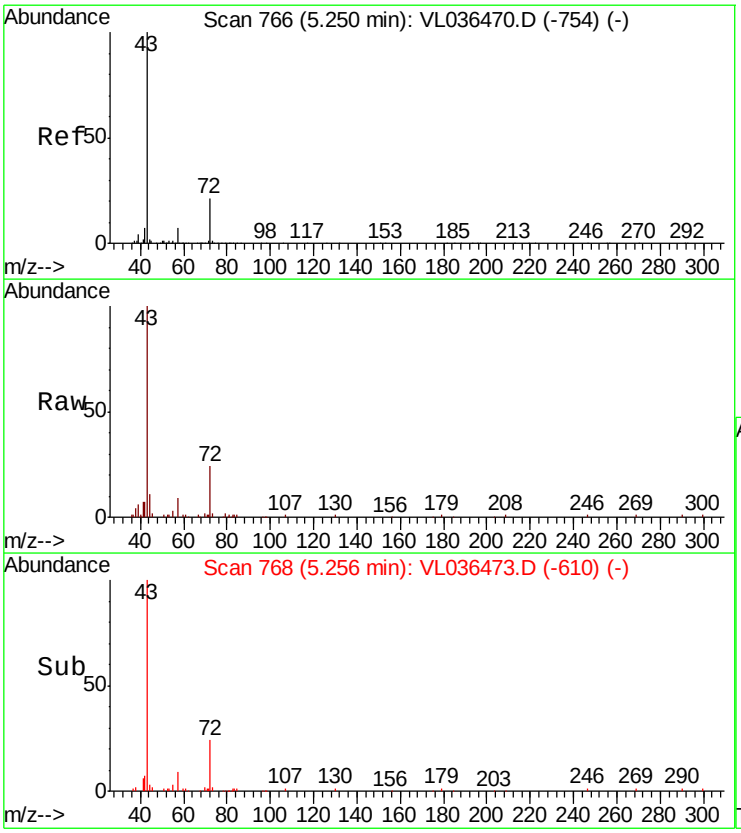
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3826157

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.4	33.6
88	19.6	15.4	23.0

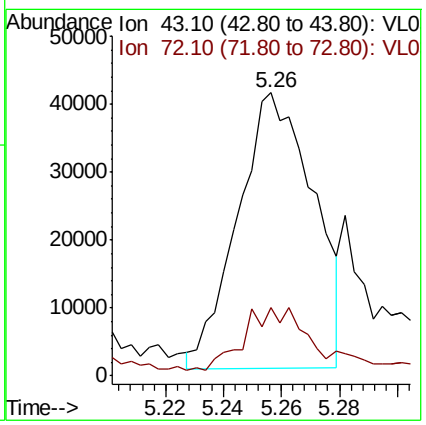


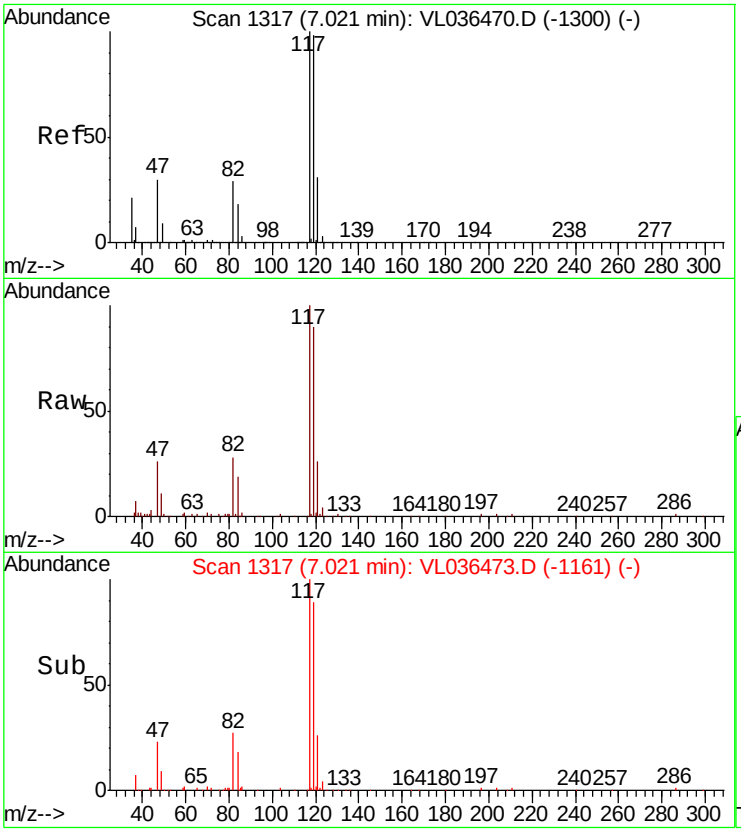


#34
2-Butanone
Concen: 0.329 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 43 Resp: 73509

Ion	Ratio	Lower	Upper
43	100		
72	29.8	17.0	25.6#



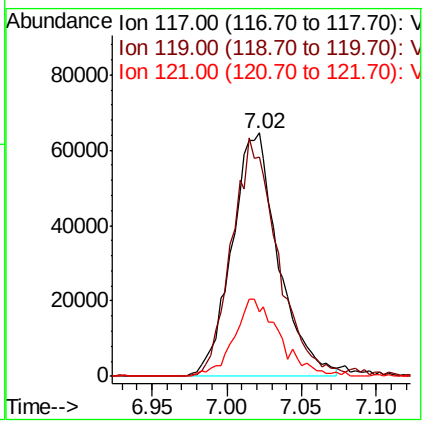


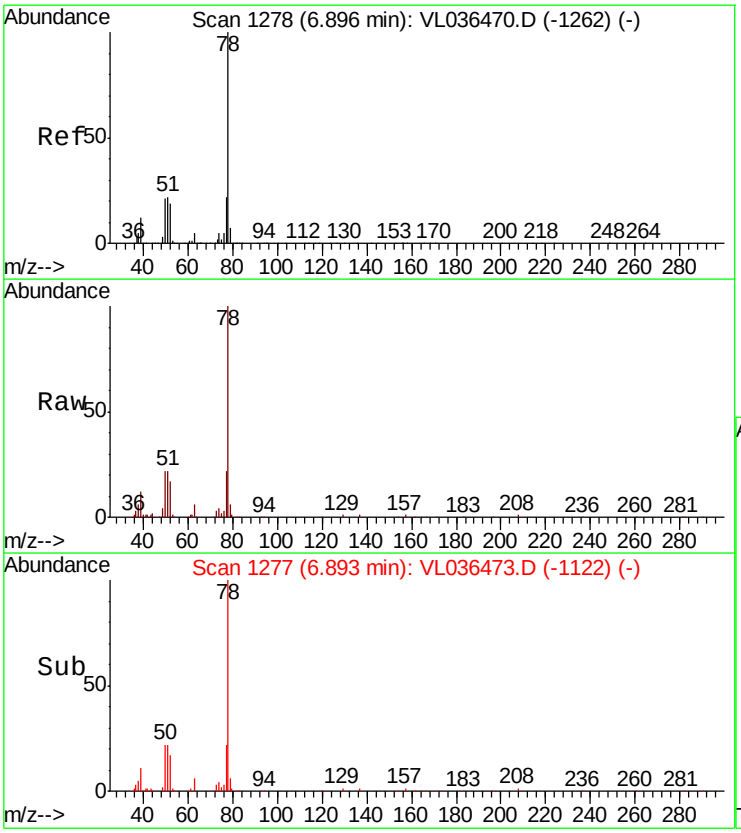
#35
Carbon Tetrachloride
Concen: 0.556 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 139839

Ion	Ratio	Lower	Upper
117	100		
119	89.9	78.2	117.2
121	26.5	24.5	36.7

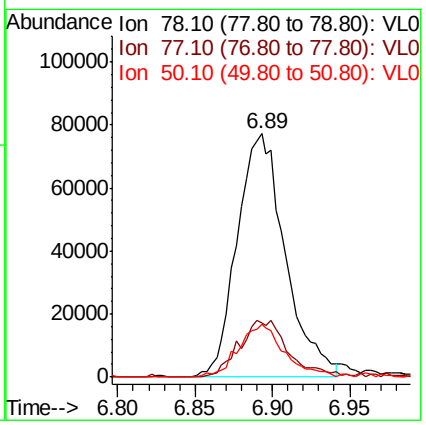


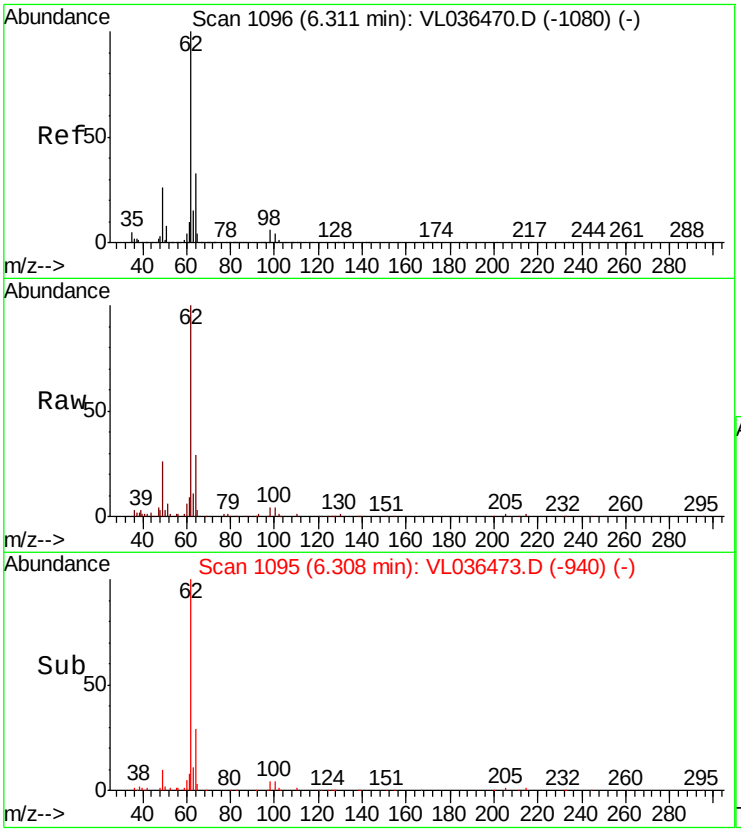


#36
Benzene
Concen: 0.547 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 78 Resp: 166673

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.0	27.0
50	21.6	16.5	24.7



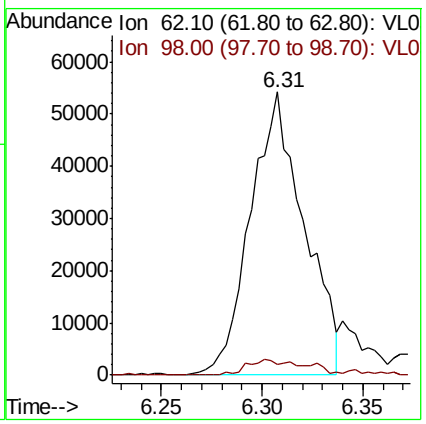


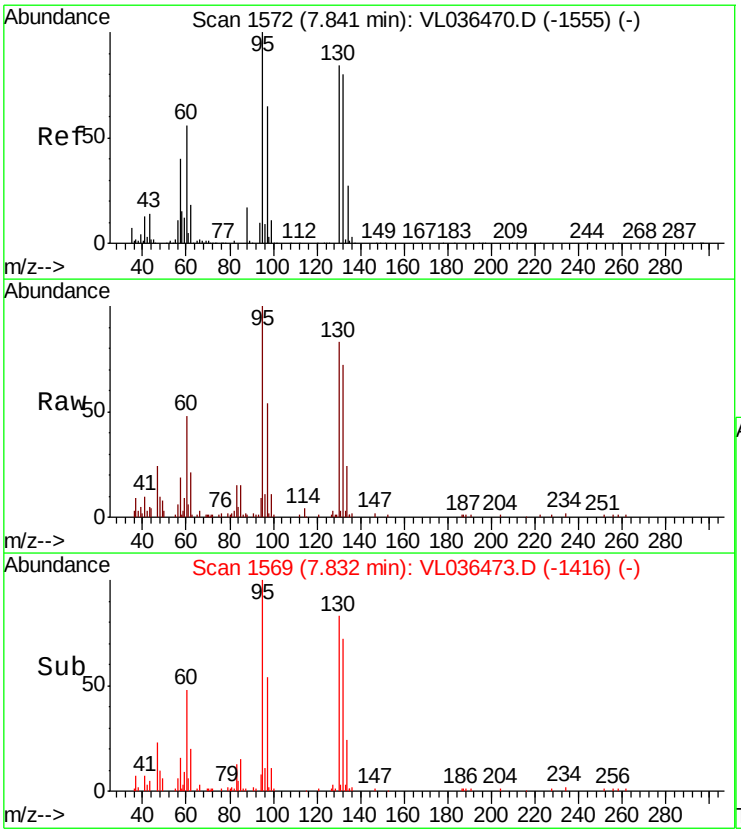
#37
1,2-Dichloroethane
Concen: 0.527 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 100329

Ion	Ratio	Lower	Upper
62	100		
98	7.2	4.7	7.1#

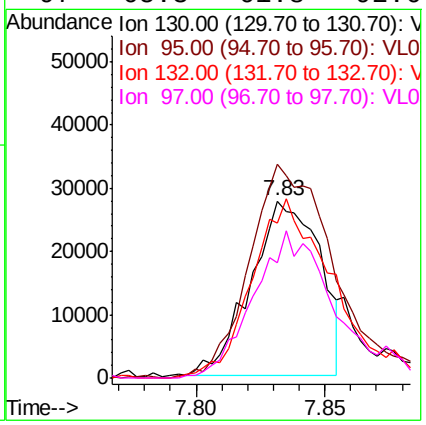


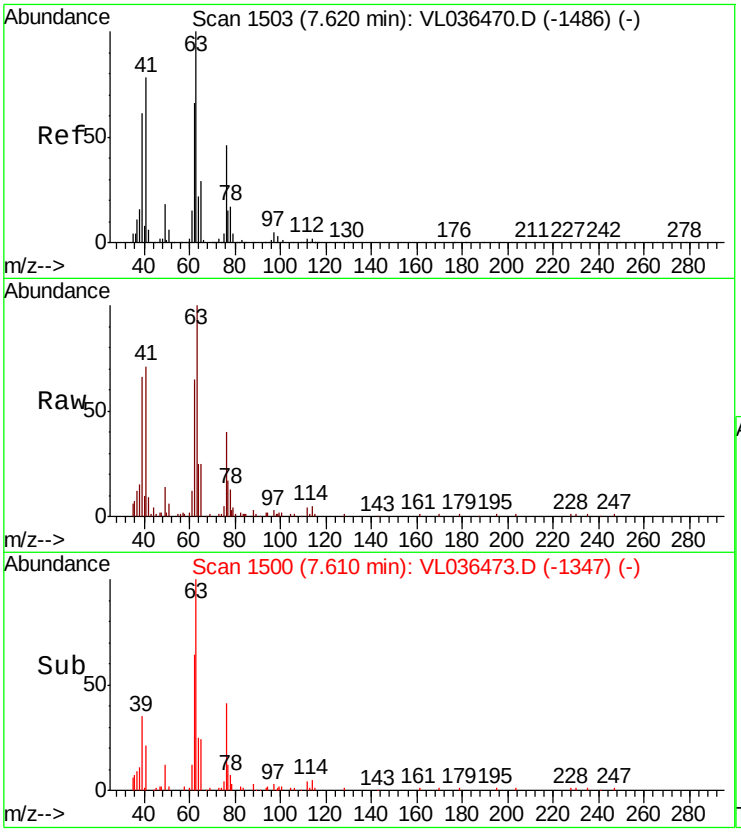


#38
Trichloroethene
Concen: 0.452 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:130 Resp: 51699

Ion	Ratio	Lower	Upper
130	100		
95	121.1	95.7	143.5
132	86.9	76.2	114.4
97	65.3	61.8	92.6



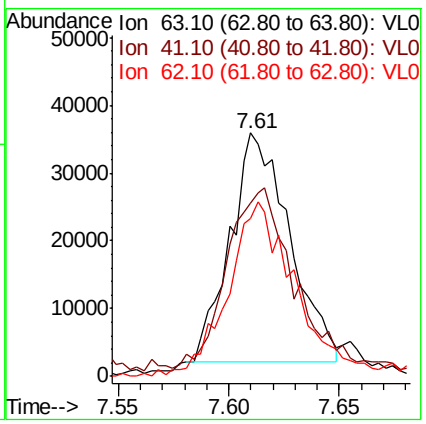


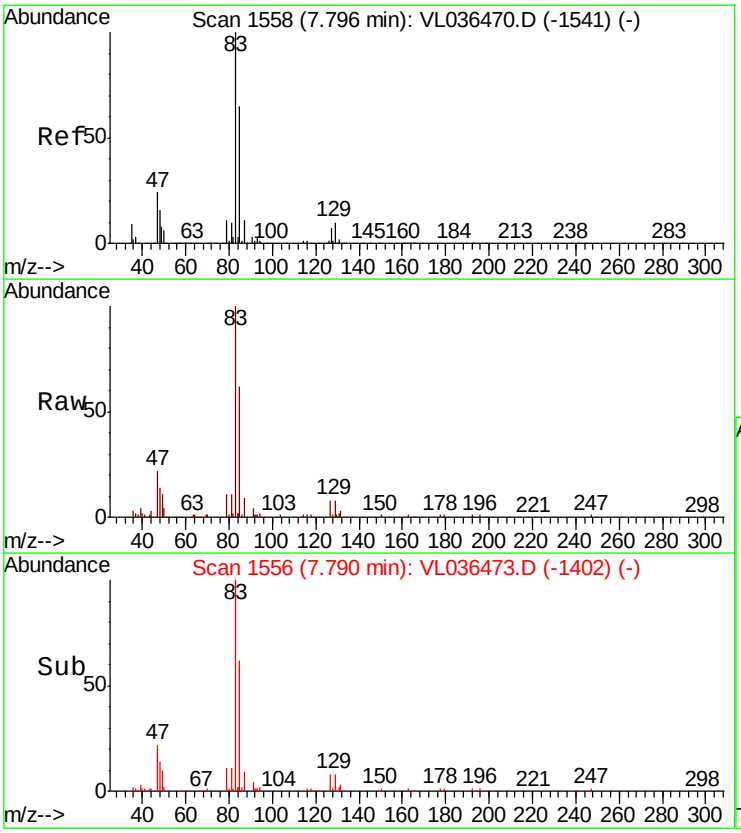
#39
1,2-Dichloropropane
Concen: 0.488 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 63486

Ion	Ratio	Lower	Upper
63	100		
41	66.1	62.4	93.6
62	65.5	52.8	79.2

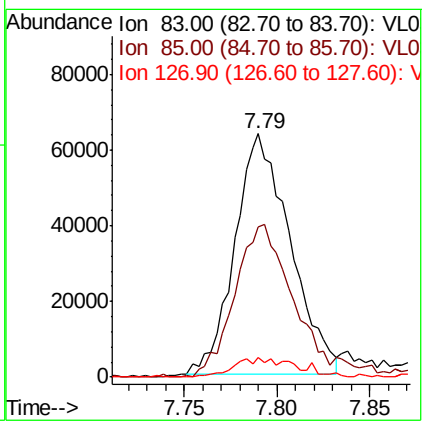


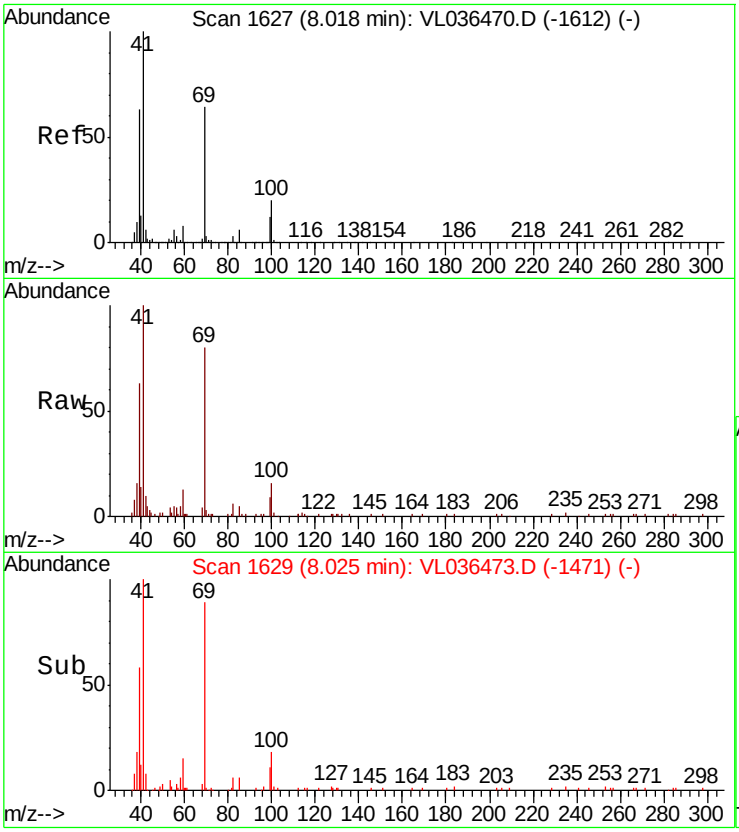


#42
Bromodichloromethane
Concen: 0.510 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 83 Resp: 131370

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.6
127	7.6	5.8	8.8



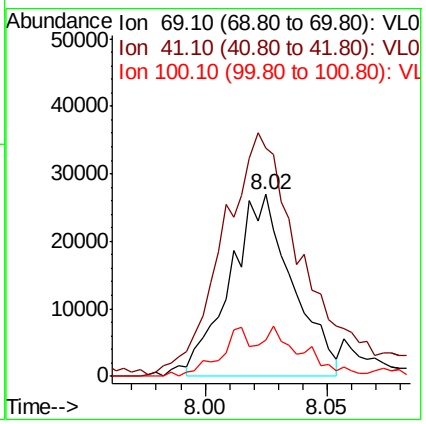


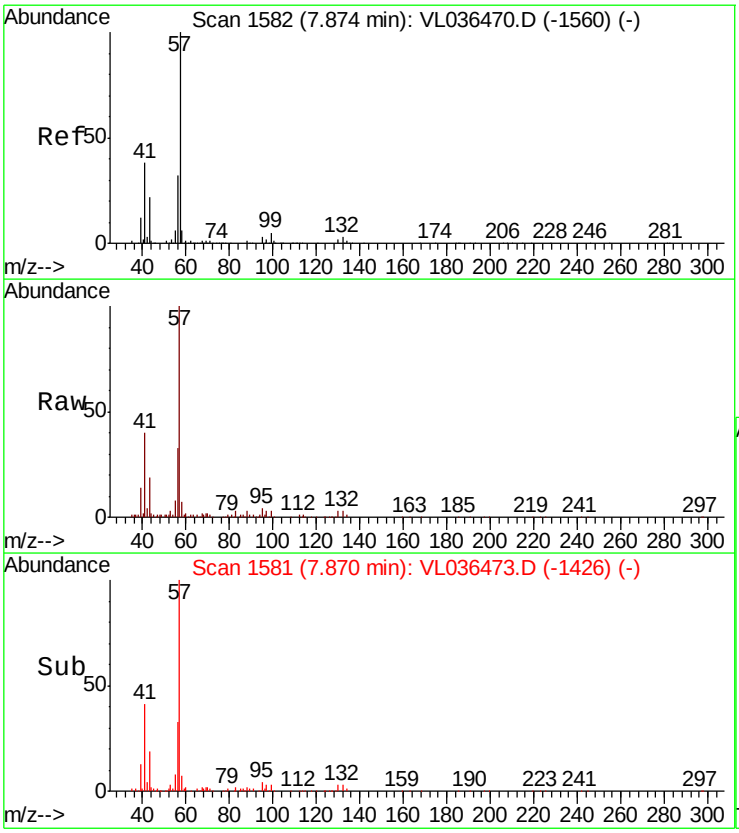
#43
Methyl Methacrylate
Concen: 0.397 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 47325

Ion	Ratio	Lower	Upper
69	100		
41	174.2	126.8	190.2
100	30.9	24.9	37.3

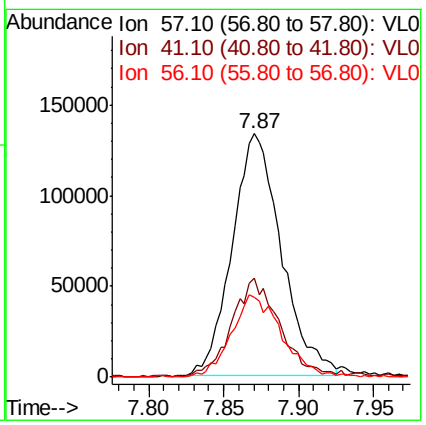


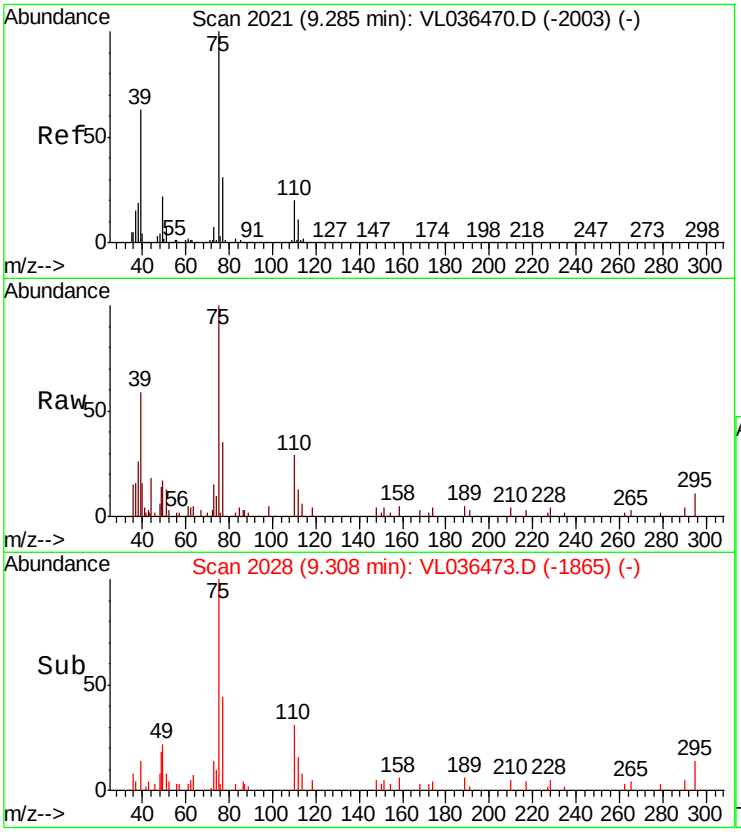


#44
2,2,4-Trimethylpentane
Concen: 0.555 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 57 Resp: 306657

Ion	Ratio	Lower	Upper
57	100		
41	40.5	28.8	43.2
56	35.0	26.1	39.1



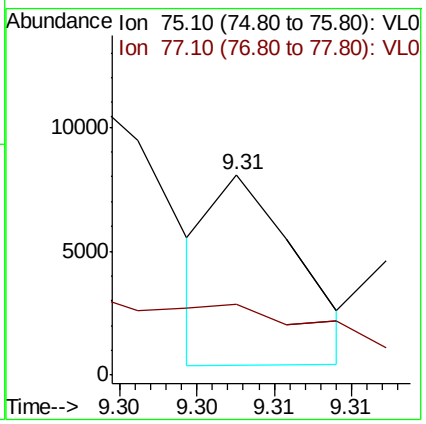


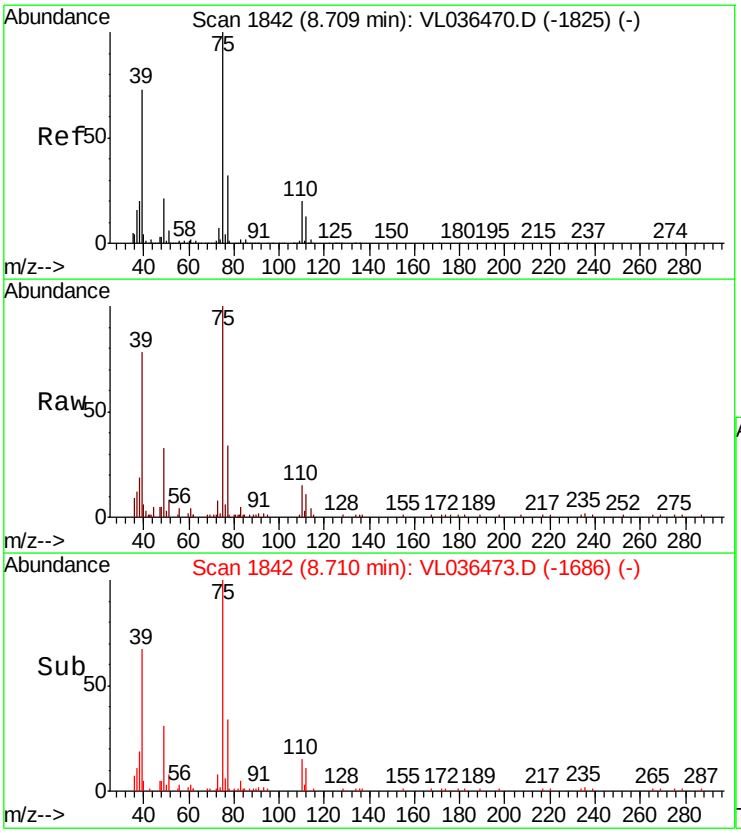
#45
t-1,3-Dichloropropene
Concen: 0.024 ppbv
RT: 9.31
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 2896

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.1	37.7

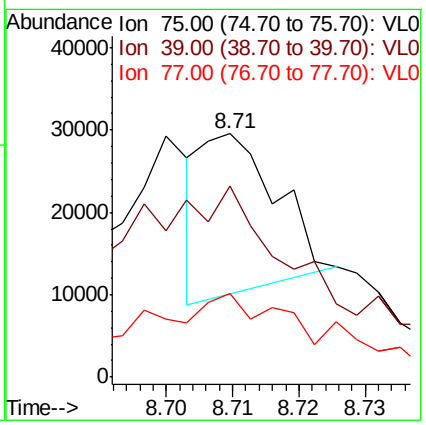


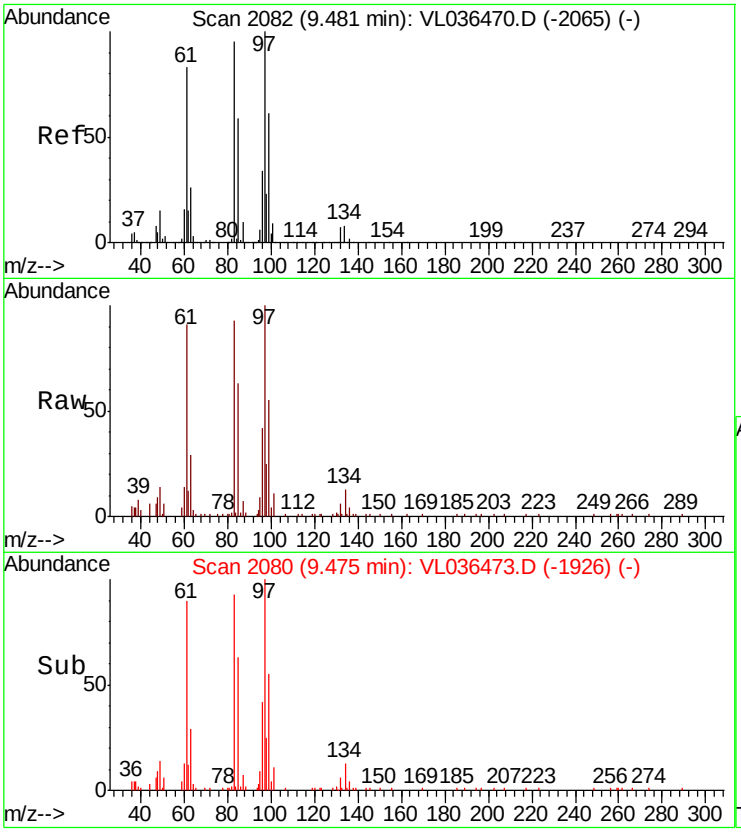


#46
cis-1,3-Dichloropropene
Concen: 0.098 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 75 Resp: 15230

Ion	Ratio	Lower	Upper
75	100		
39	89.2	58.2	87.2#
77	21.9	25.2	37.8#



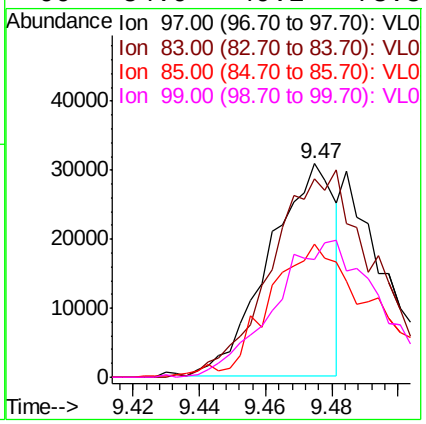


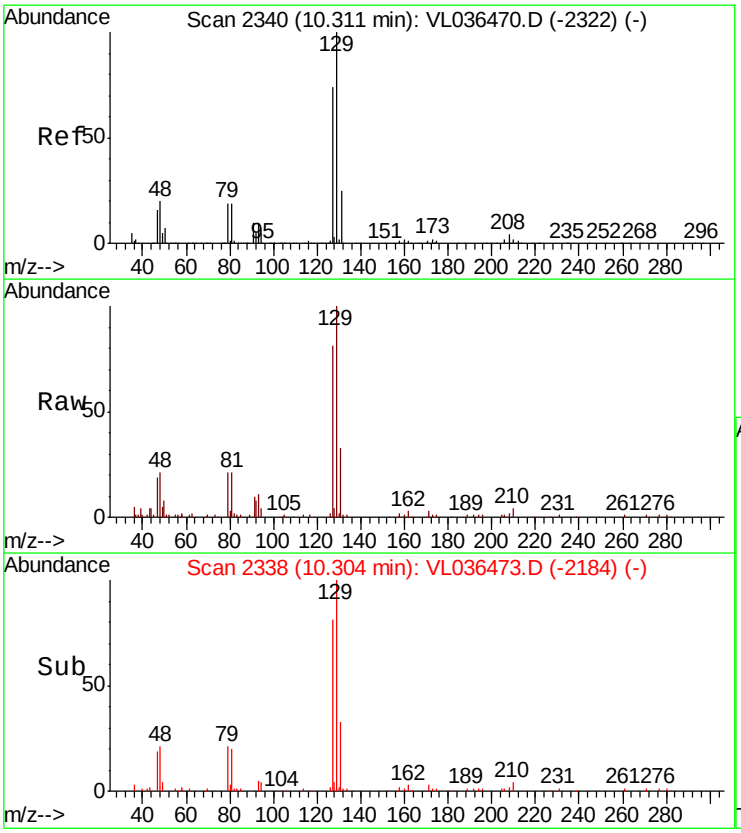
#47
1,1,2-Trichloroethane
Concen: 0.328 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 42243

Ion	Ratio	Lower	Upper
97	100		
83	93.1	75.8	113.8
85	61.4	47.1	70.7
99	54.9	49.2	73.8

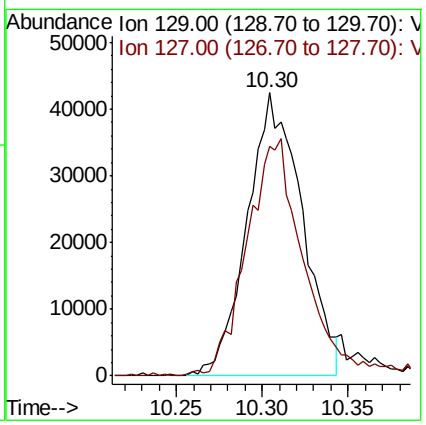


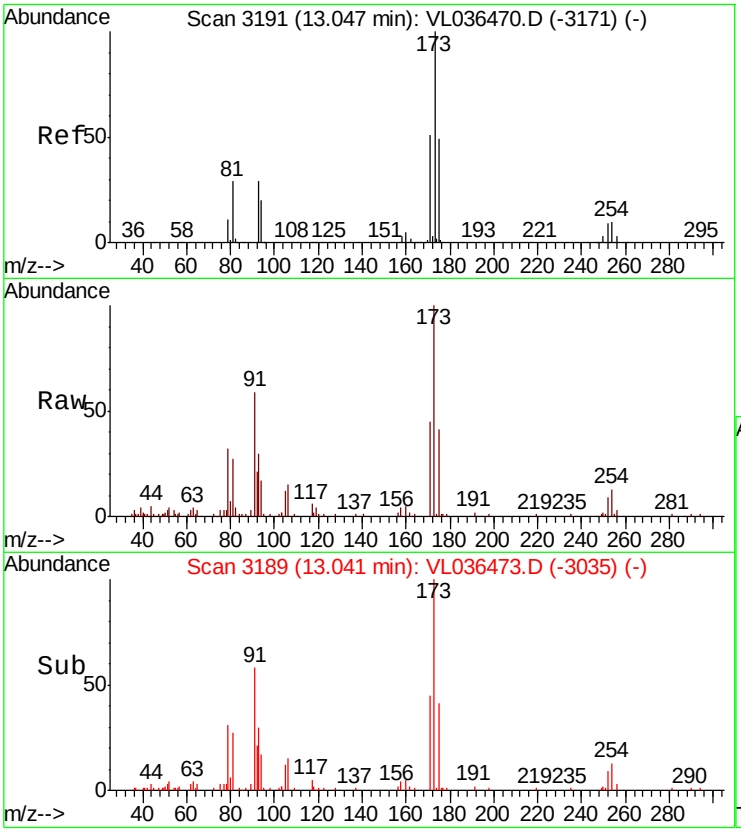


#48
Dibromochloromethane
Concen: 0.479 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:129 Resp: 93635

Ion	Ratio	Lower	Upper
129	100		
127	90.6	39.6	118.8



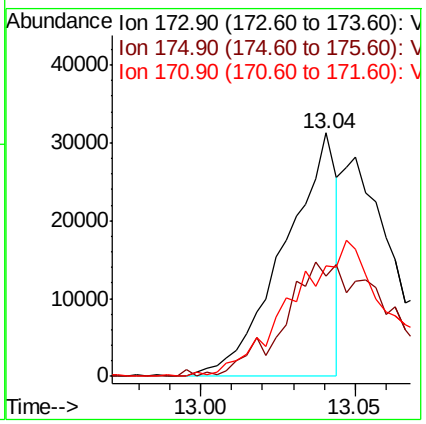


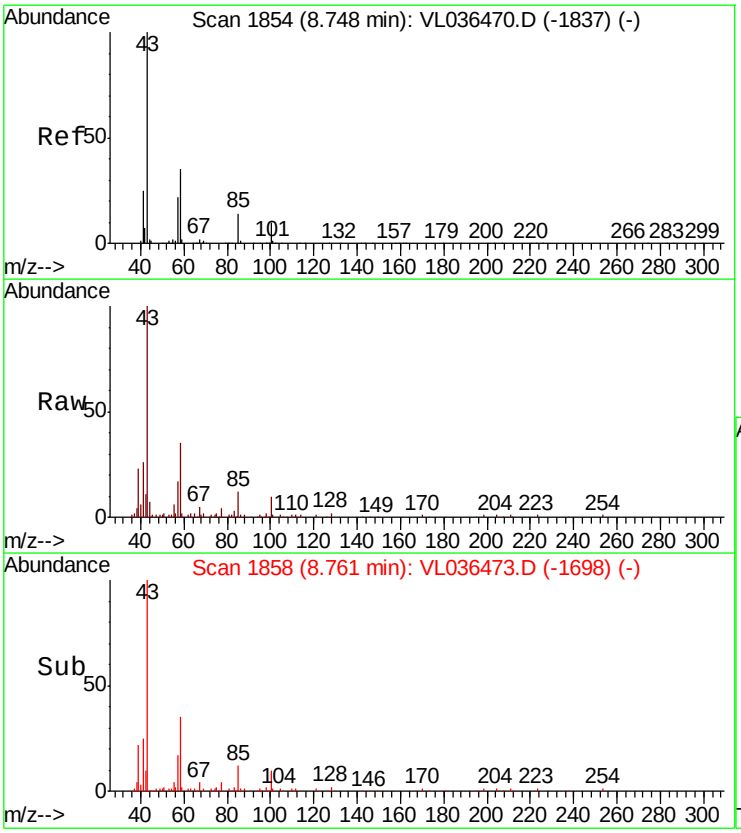
#49
Bromoform
Concen: 0.230 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 36695

Ion	Ratio	Lower	Upper
173	100		
175	101.4	39.6	59.4#
171	0.0	41.4	62.0#

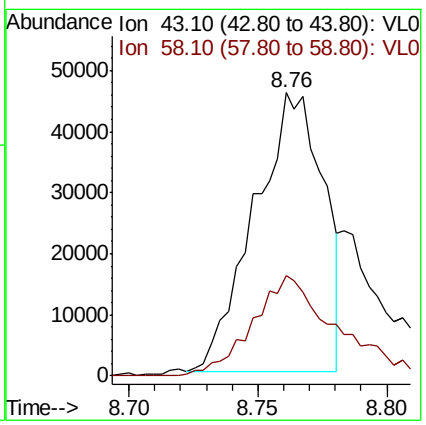


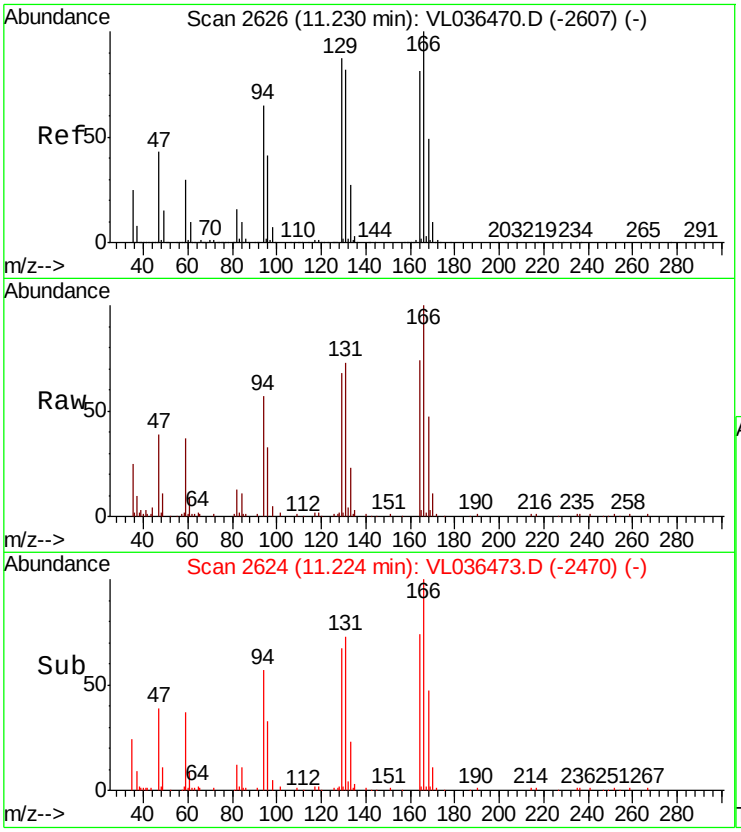


#50
4-Methyl-2-Pentanone
Concen: 0.266 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 43 Resp: 85474

Ion	Ratio	Lower	Upper
43	100		
58	45.5	28.1	42.1#



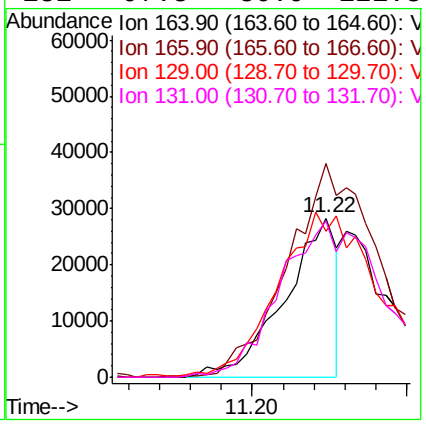


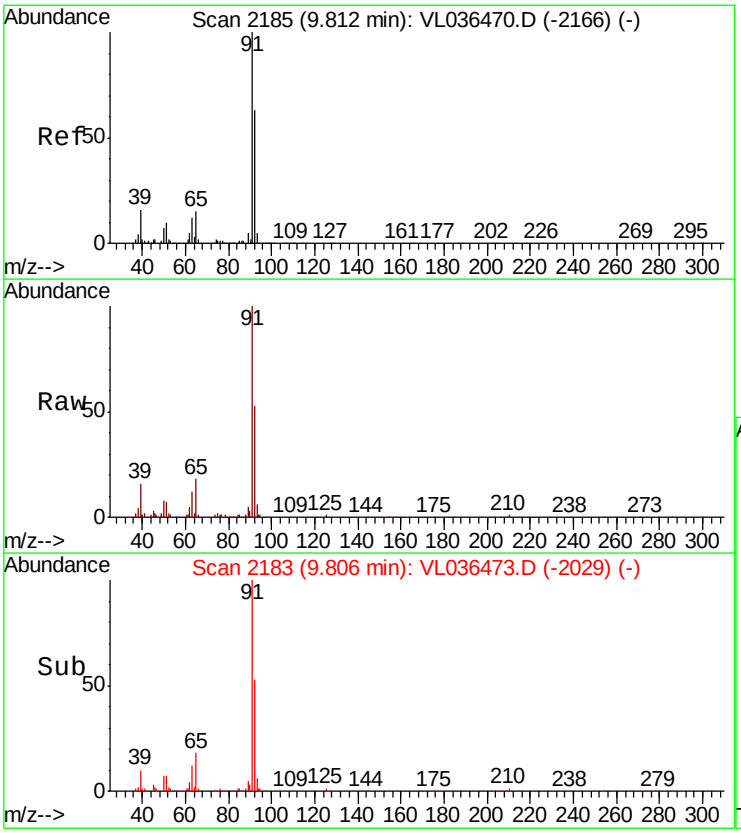
#52
Tetrachloroethene
Concen: 0.291 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 33050

Ion	Ratio	Lower	Upper
164	100		
166	133.7	98.3	147.5
129	90.2	85.8	128.8
131	97.8	80.9	121.3

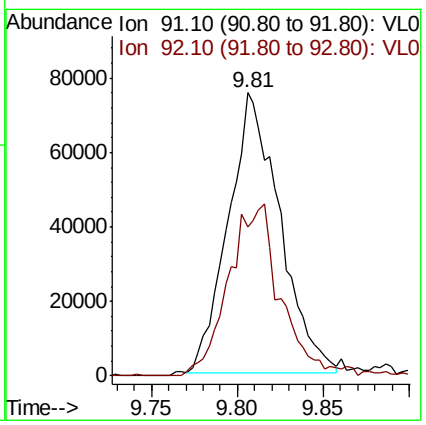


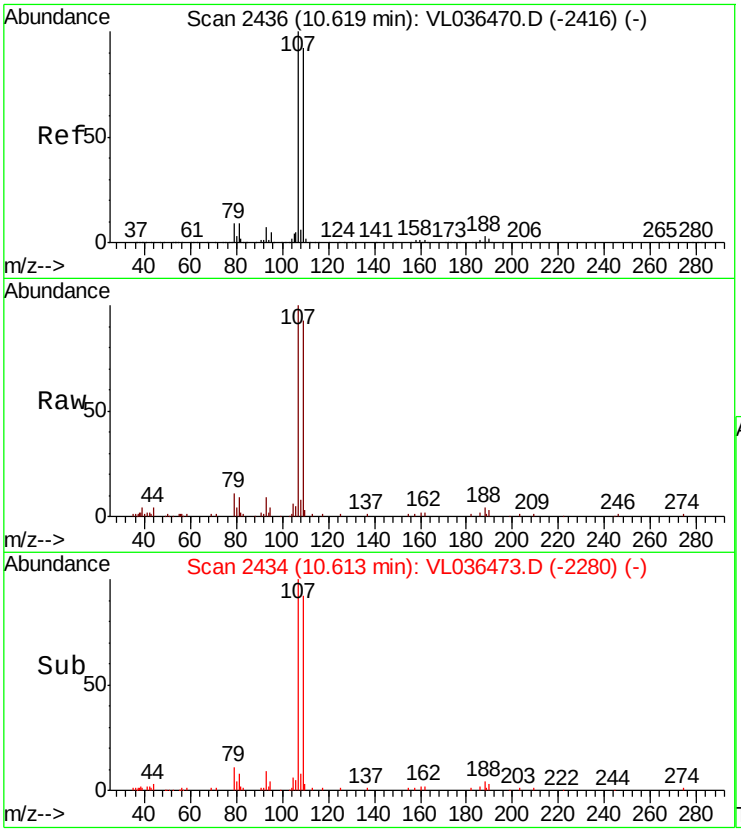


#53
Toluene
Concen: 0.480 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 91 Resp: 157843

Ion	Ratio	Lower	Upper
91	100		
92	62.7	48.9	73.3



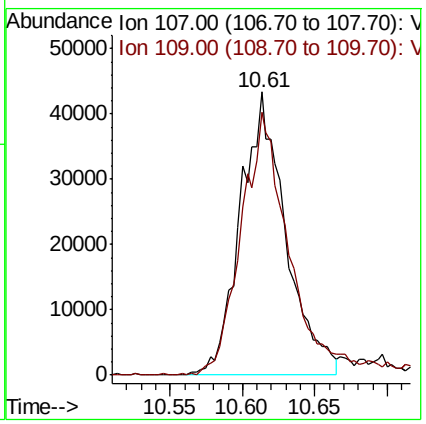


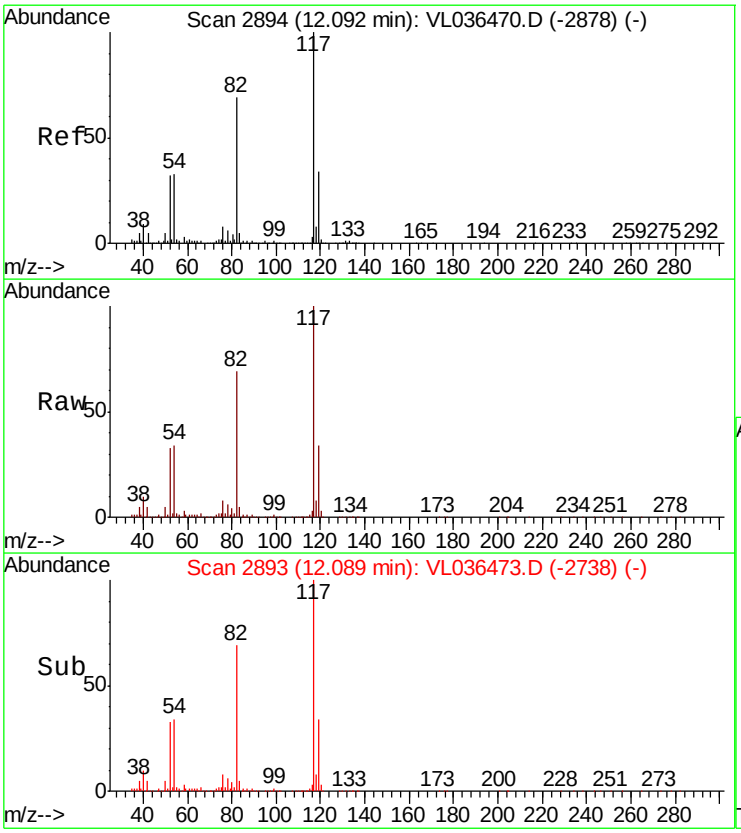
#54
1,2-Dibromoethane
Concen: 0.508 ppbv
RT: 10.61
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:107 Resp: 94021

Ion	Ratio	Lower	Upper
107	100		
109	92.7	73.9	110.9

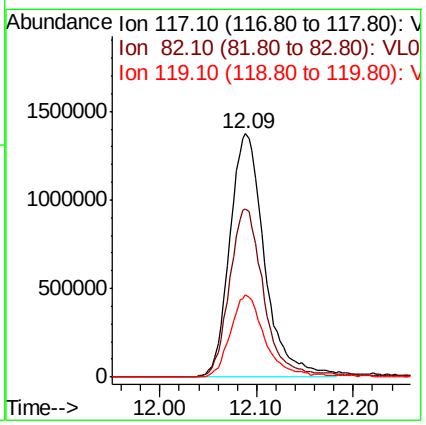


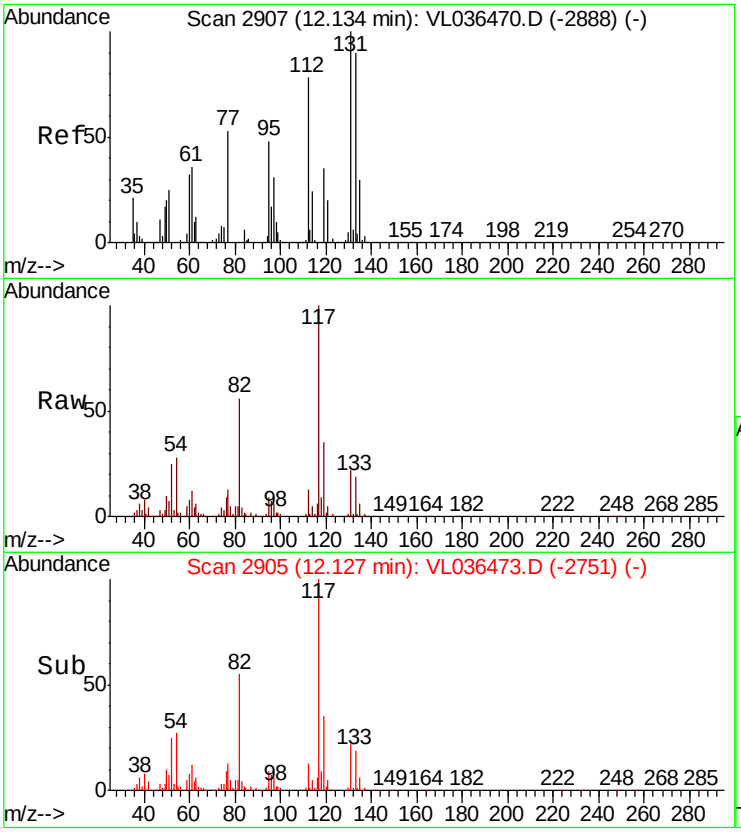


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:117 Resp: 3439300

Ion	Ratio	Lower	Upper
117	100		
82	69.3	57.4	86.0
119	34.3	47.4	71.2#



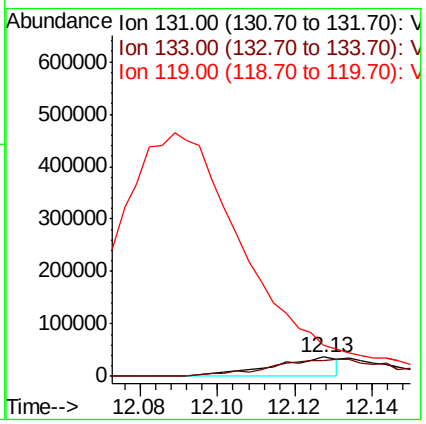


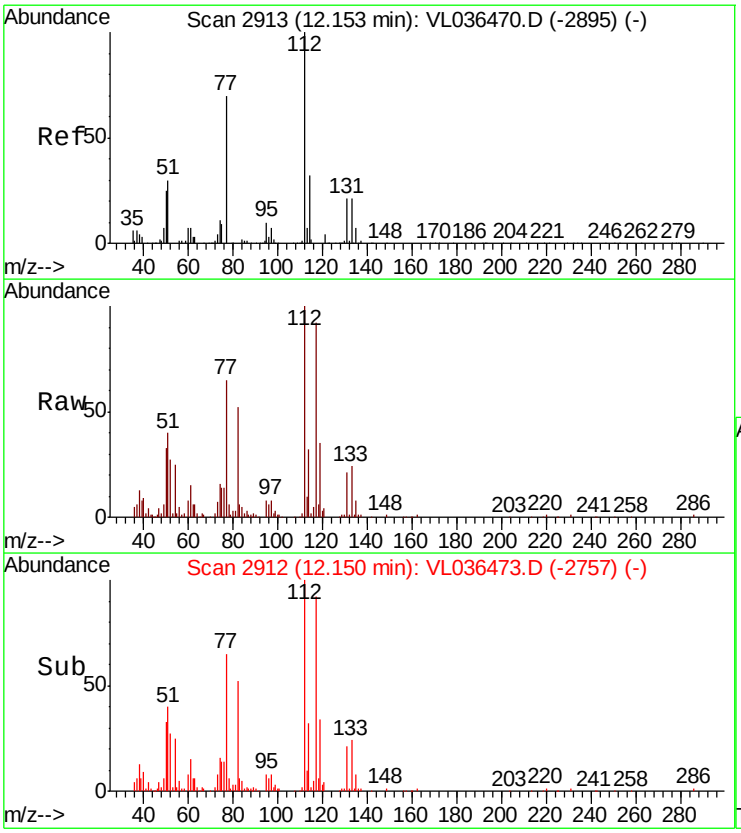
#56
1,1,1,2-Tetrachloroethane
Concen: 0.272 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:131 Resp: 41810

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.0	114.0#
119	0.0	44.9	67.3#

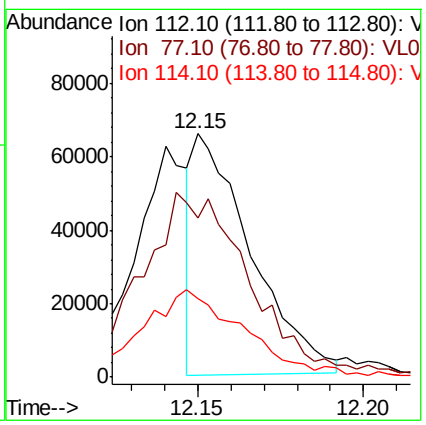


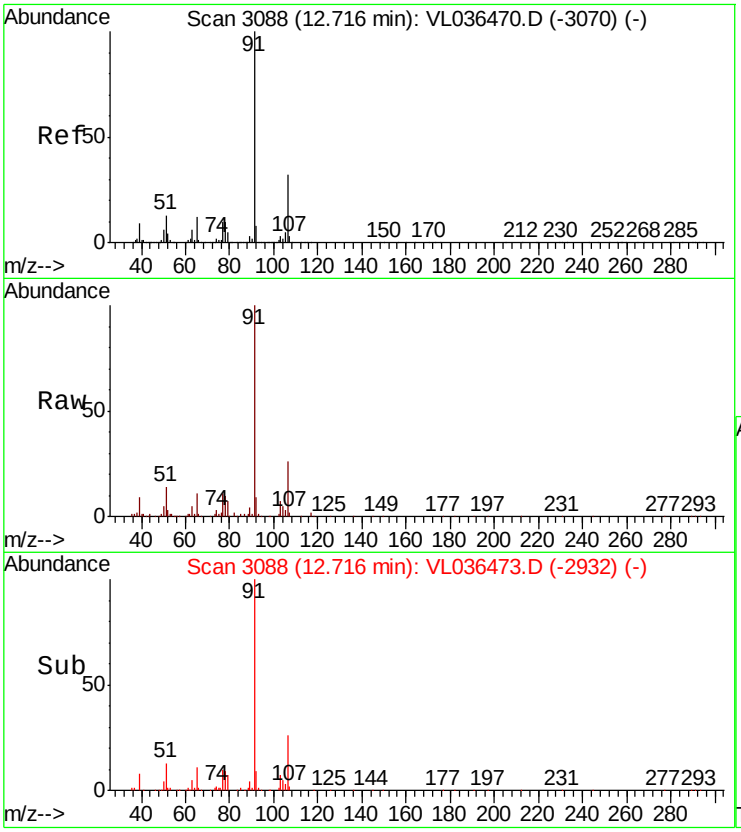


#57
Chlorobenzene
Concen: 0.309 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:112 Resp: 79054

Ion	Ratio	Lower	Upper
112	100		
77	65.0	56.0	84.0
114	30.7	29.0	35.4



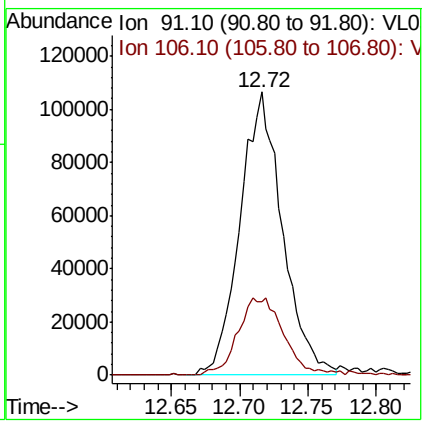


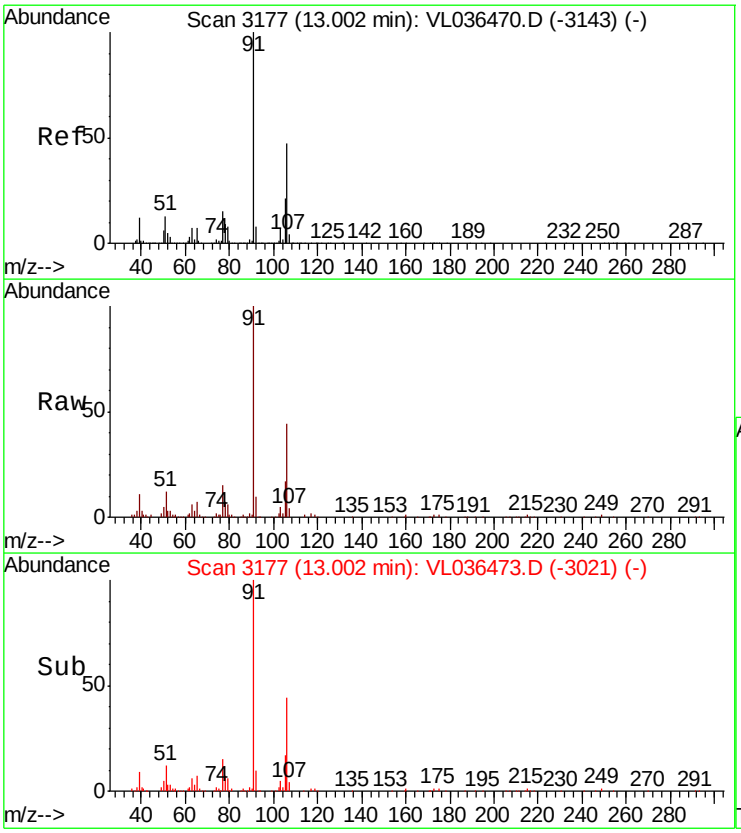
#58
Ethyl Benzene
Concen: 0.520 ppbv
RT: 12.72
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 229482

Ion	Ratio	Lower	Upper
91	100		
106	26.1	25.3	37.9

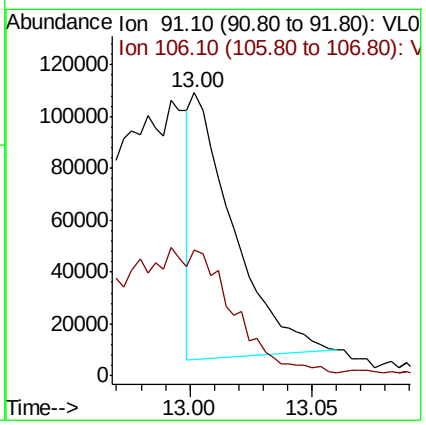


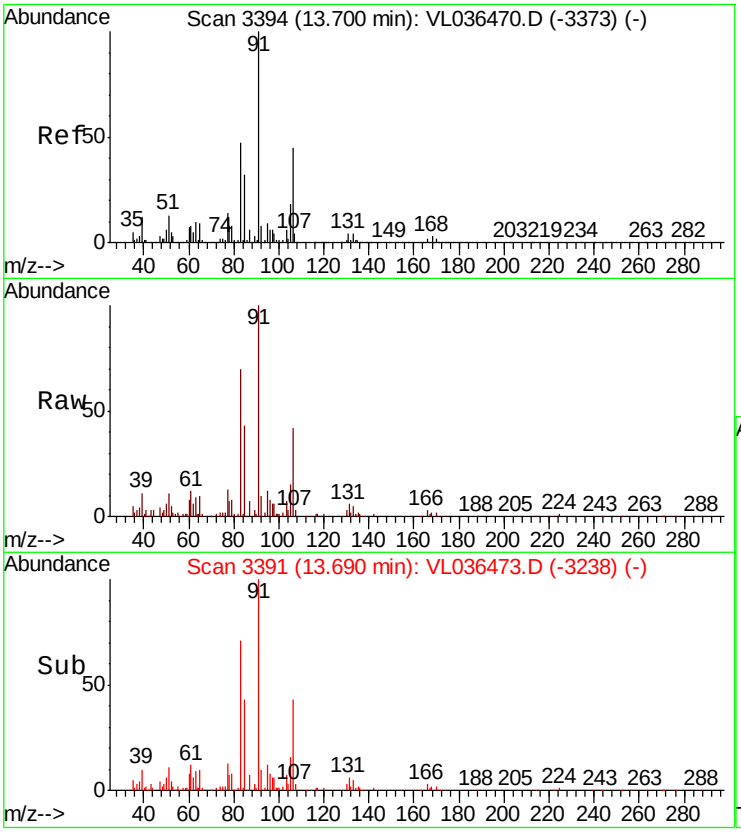


#59
m/p-Xylene
Concen: 0.315 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 91 Resp: 122132

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.2	52.8#



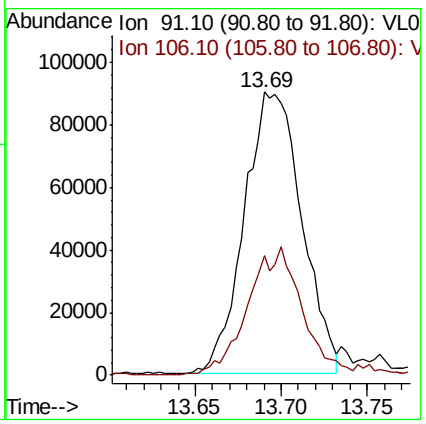


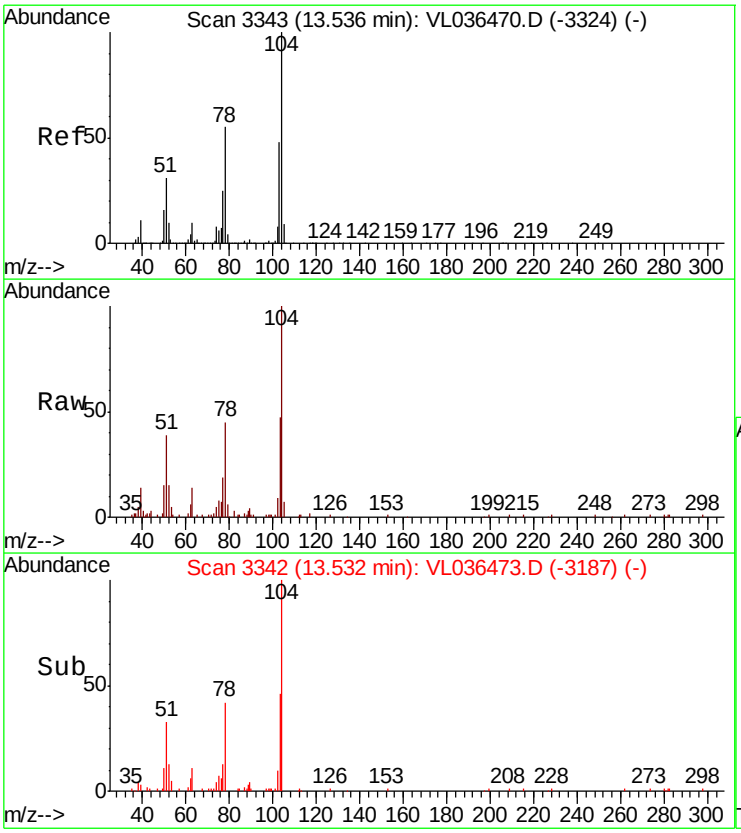
#60
o-Xylene
Concen: 0.559 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 208182

Ion	Ratio	Lower	Upper
91	100		
106	45.2	22.3	66.9

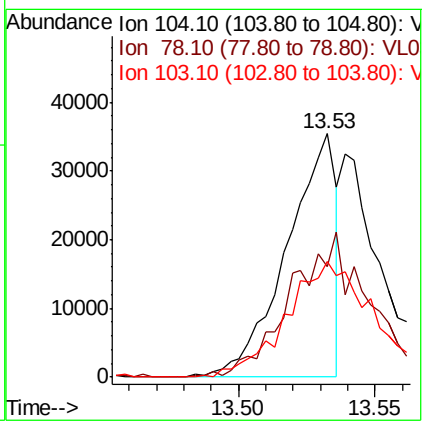


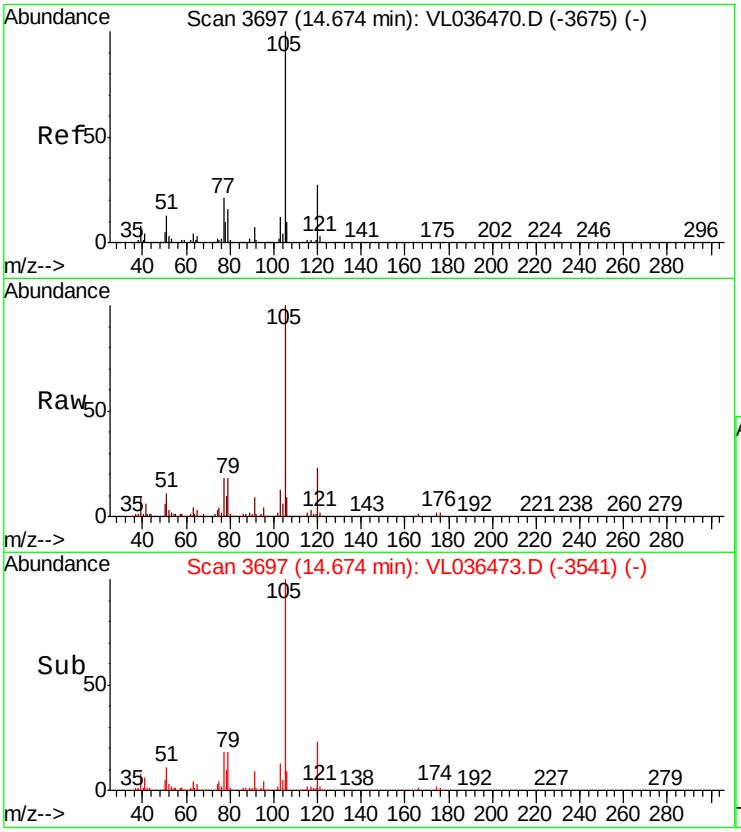


#61
Styrene
Concen: 0.202 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:104 Resp: 44201

Ion	Ratio	Lower	Upper
104	100		
78	104.6	43.7	65.5#
103	93.0	38.3	57.5#



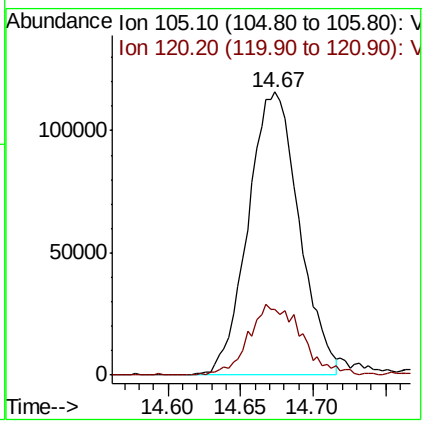


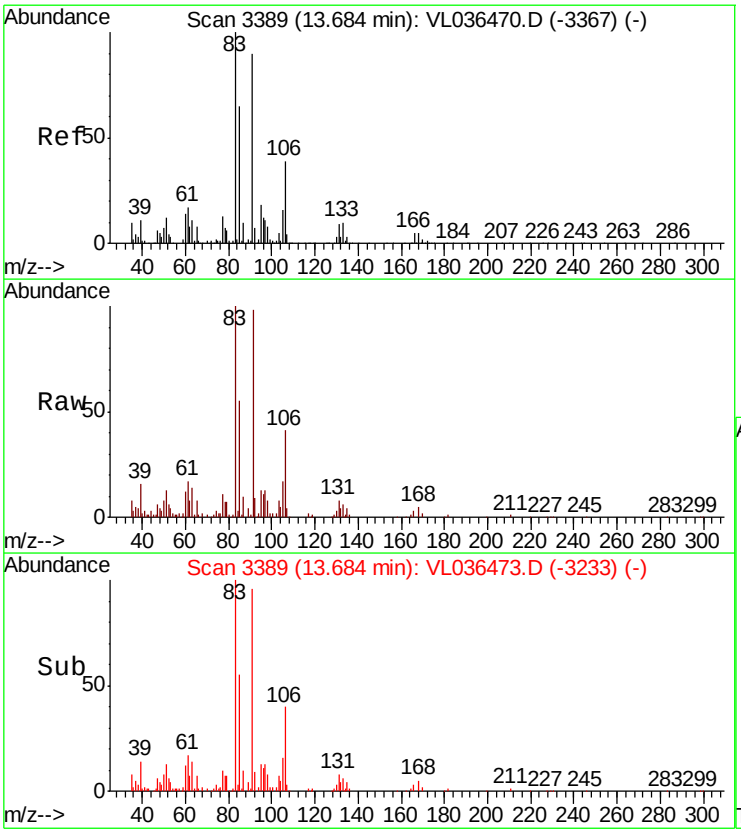
#62
Isopropylbenzene
Concen: 0.513 ppbv
RT: 14.67
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 283201

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.6	31.0

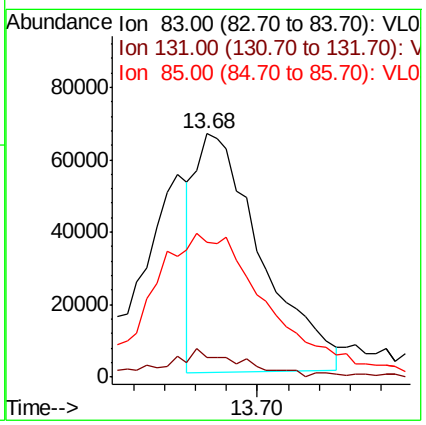


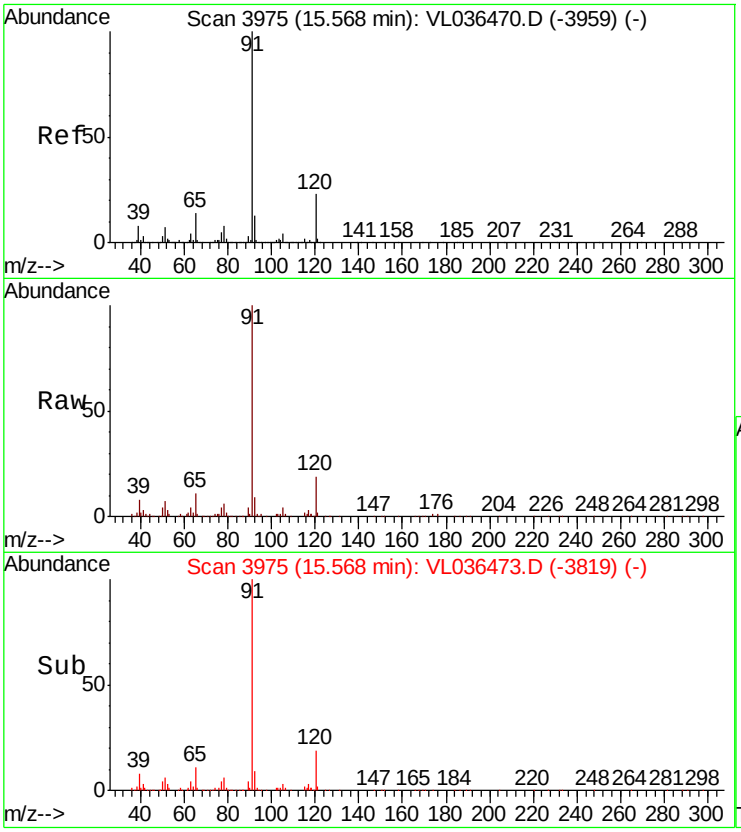


#63
1,1,2,2-Tetrachloroethane
Concen: 0.339 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 83 Resp: 97672

Ion	Ratio	Lower	Upper
83	100		
131	15.9	4.7	14.0#
85	114.5	33.2	99.6#



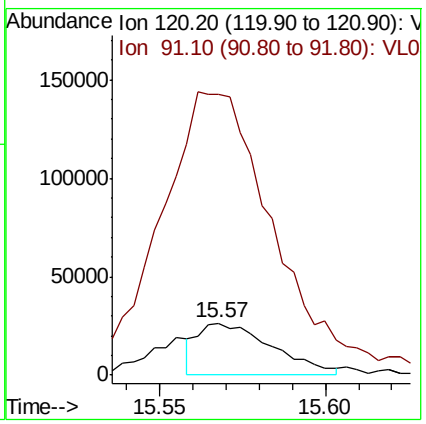


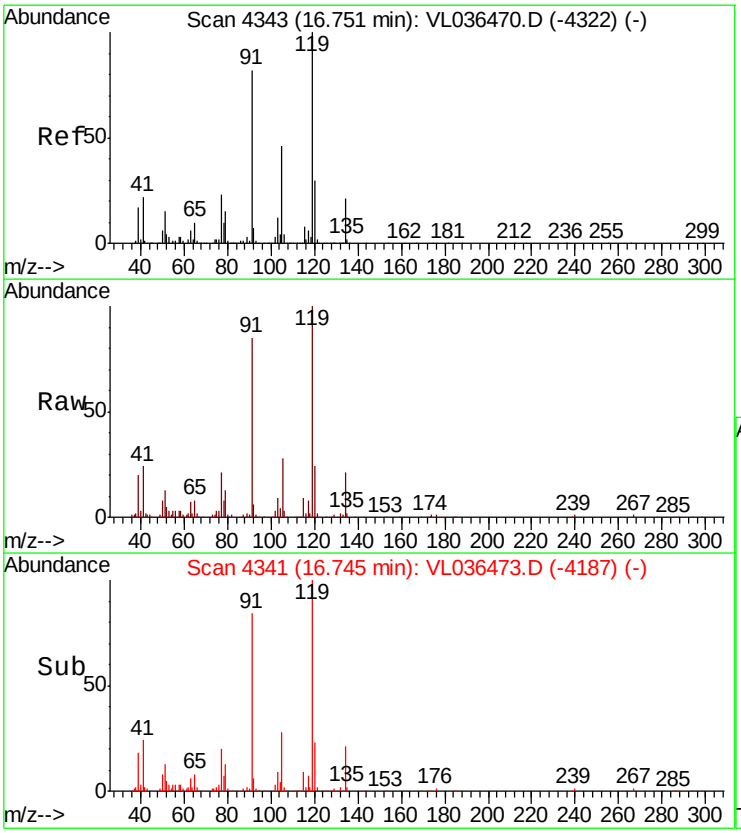
#64
n-propylbenzene
Concen: 0.299 ppbv
RT: 15.57
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 41122

Ion	Ratio	Lower	Upper
120	100		
91	857.5	377.8	566.6#

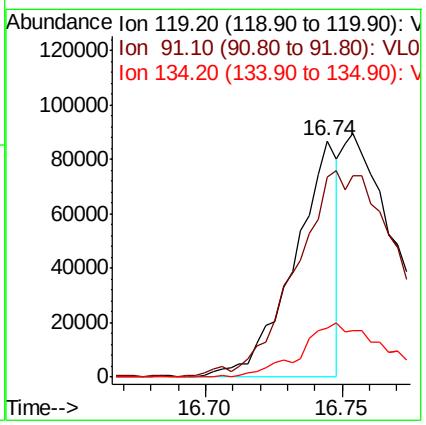


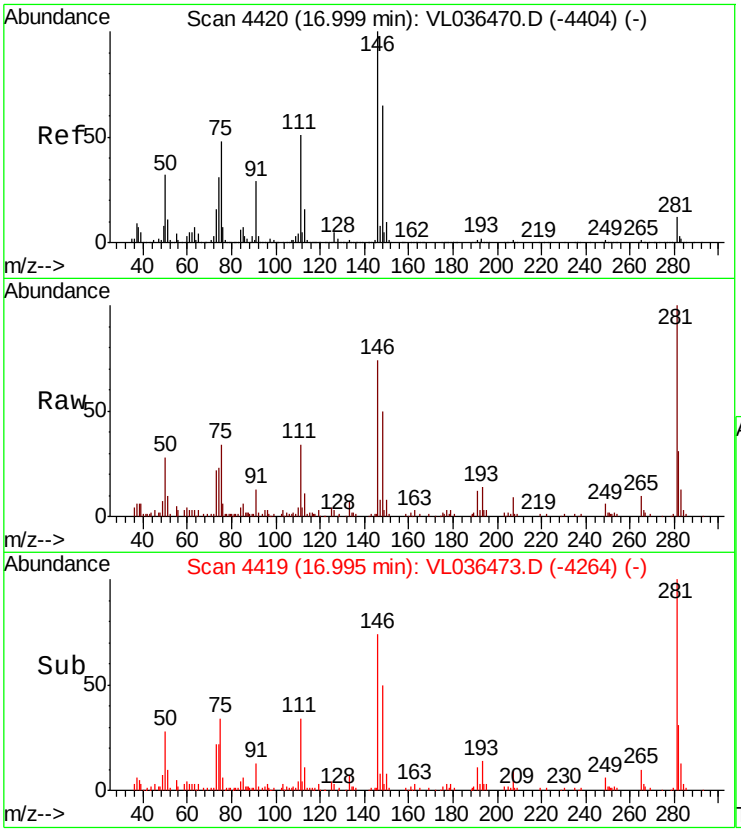


#65
tert-Butylbenzene
Concen: 0.200 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:119 Resp: 95792

Ion	Ratio	Lower	Upper
119	100		
91	222.2	67.5	101.3#
134	48.7	15.8	23.8#



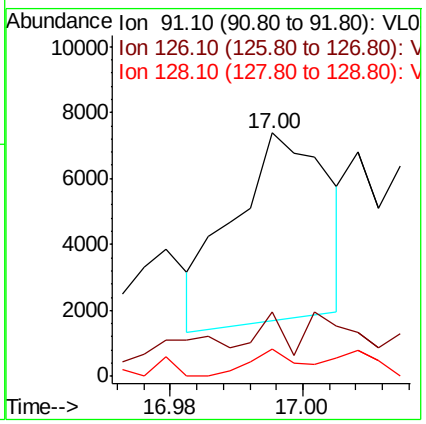


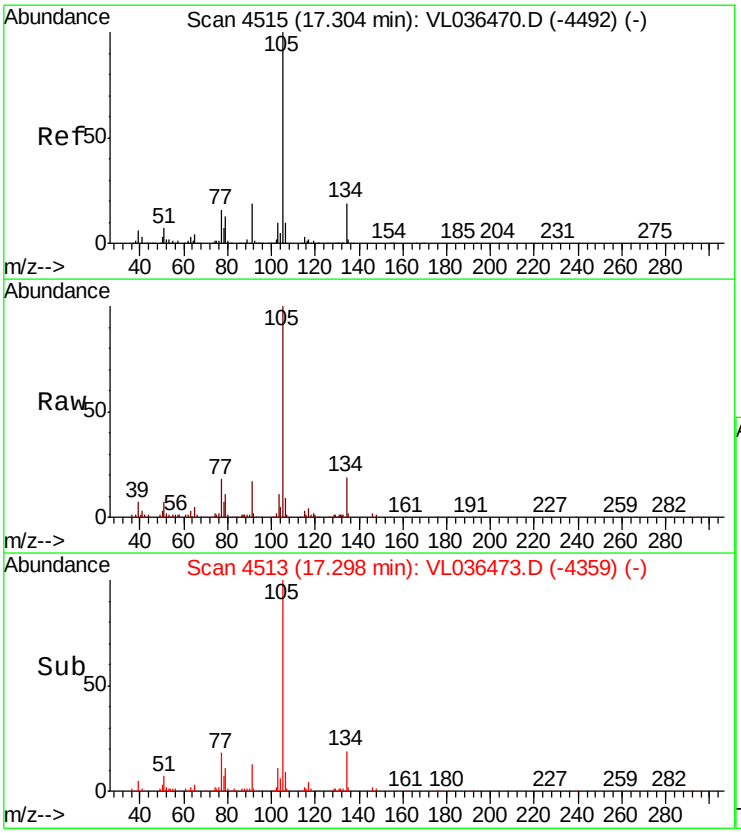
#66
Benzyl Chloride
Concen: 0.050 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5625

Ion	Ratio	Lower	Upper
91	100		
126	71.0	13.5	20.3#
128	15.7	4.2	6.2#

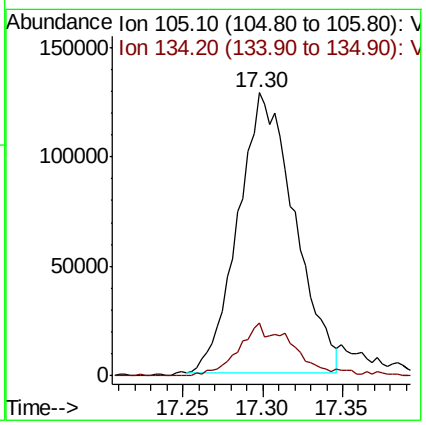


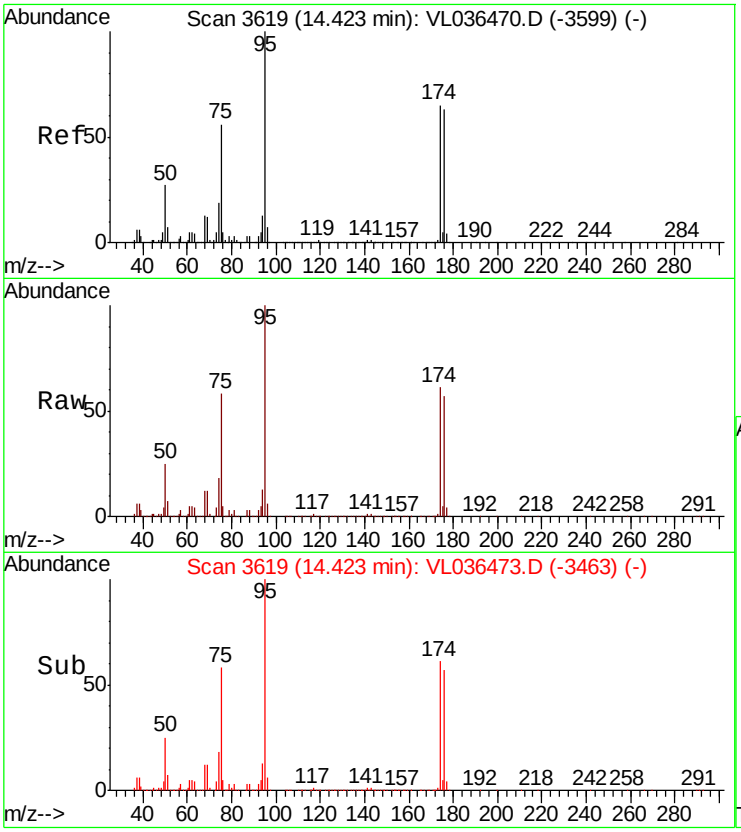


#67
sec-Butylbenzene
Concen: 0.462 ppbv
RT: 17.30 min Scan# 4513
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:105 Resp: 309149

Ion	Ratio	Lower	Upper
105	100		
134	19.2	14.7	22.1



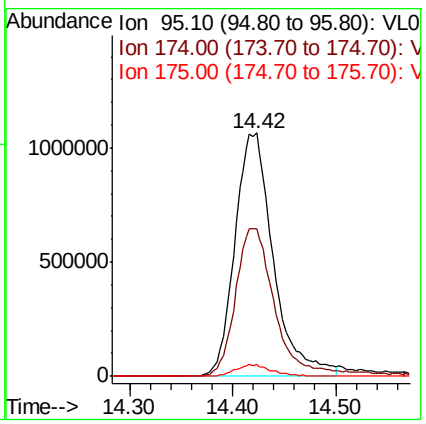


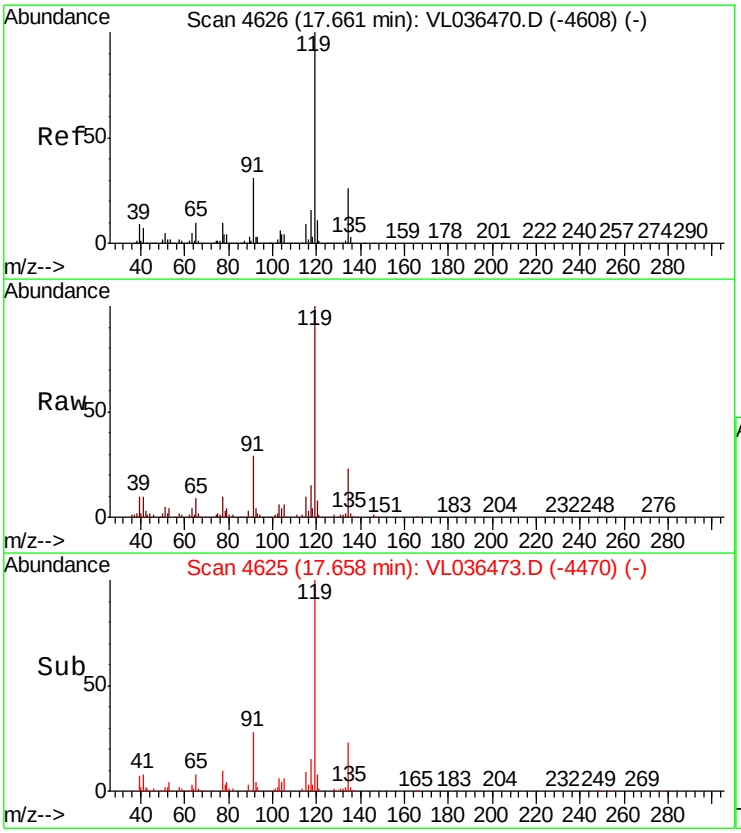
#68
1-Bromo-4-Fluorobenzene
Concen: 9.778 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2763780

Ion	Ratio	Lower	Upper
95	100		
174	64.3	51.0	76.6
175	4.9	3.9	5.9

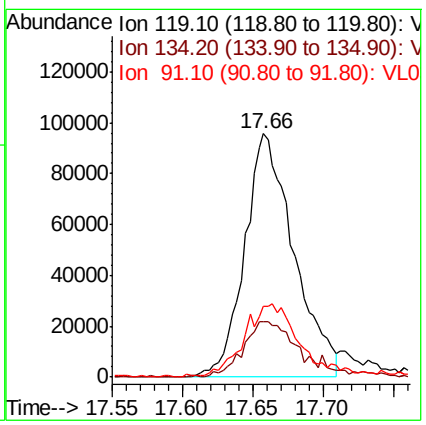


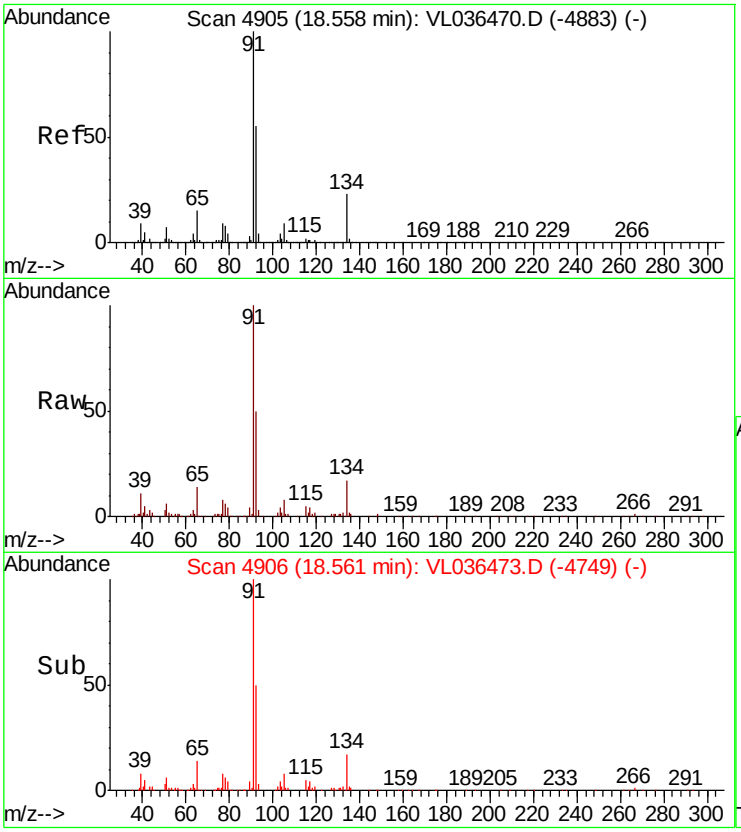


#69
p-Isopropyltoluene
Concen: 0.436 ppbv
RT: 17.66 min Scan# 4625
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:119 Resp: 233574

Ion	Ratio	Lower	Upper
119	100		
134	27.3	20.6	30.8
91	34.9	25.0	37.4



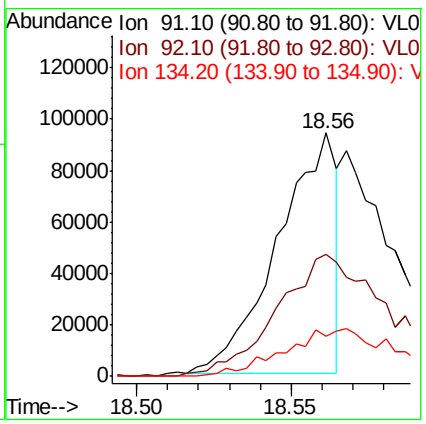


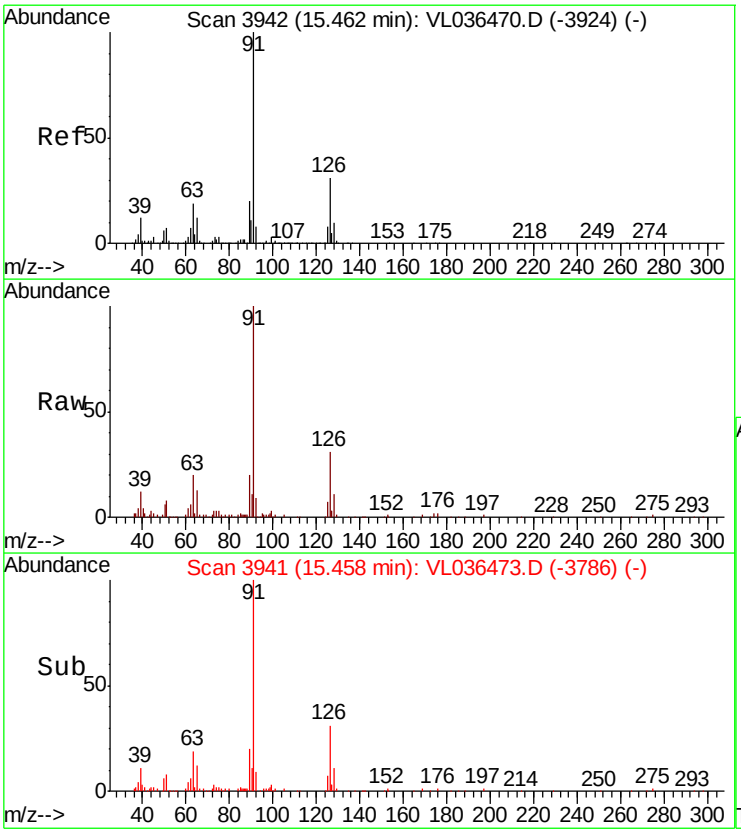
#70
n-Butylbenzene
Concen: 0.223 ppbv
RT: 18.56
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 123082

Ion	Ratio	Lower	Upper
91	100		
92	104.5	43.8	65.8#
134	0.0	18.0	27.0#

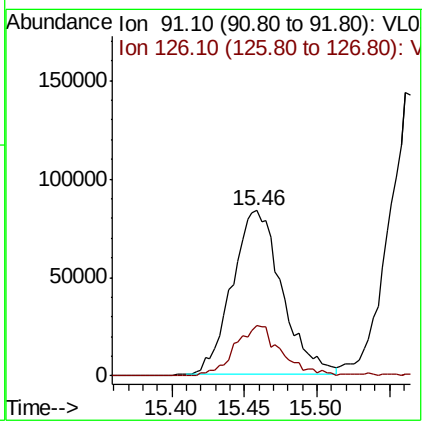


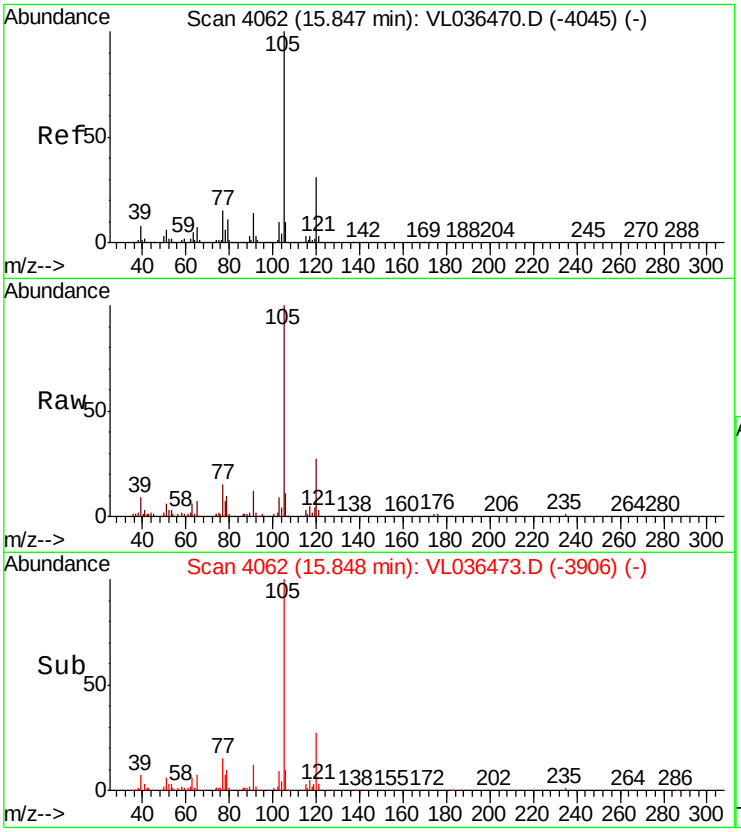


#71
2-Chlorotoluene
Concen: 0.479 ppbv
RT: 15.46 min Scan# 3941
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion: 91 Resp: 198174

Ion	Ratio	Lower	Upper
91	100		
126	29.2	12.1	48.5



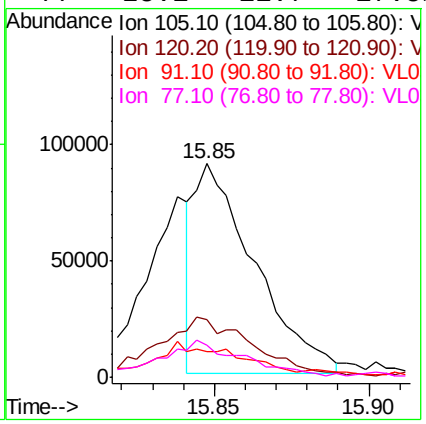


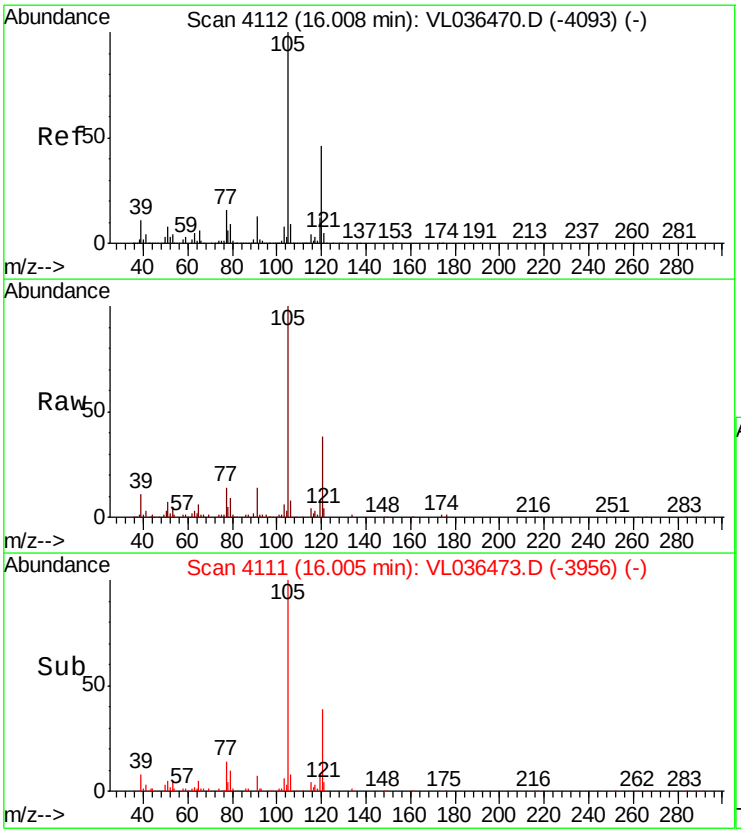
#72
4-Ethyltoluene
Concen: 0.298 ppbv
RT: 15.85
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 120812

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.0	36.0#
91	0.0	11.0	16.4#
77	25.1	11.7	17.5#

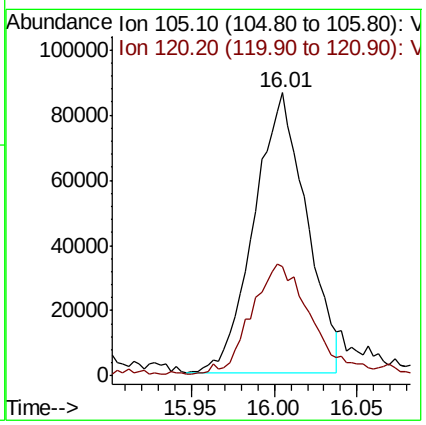


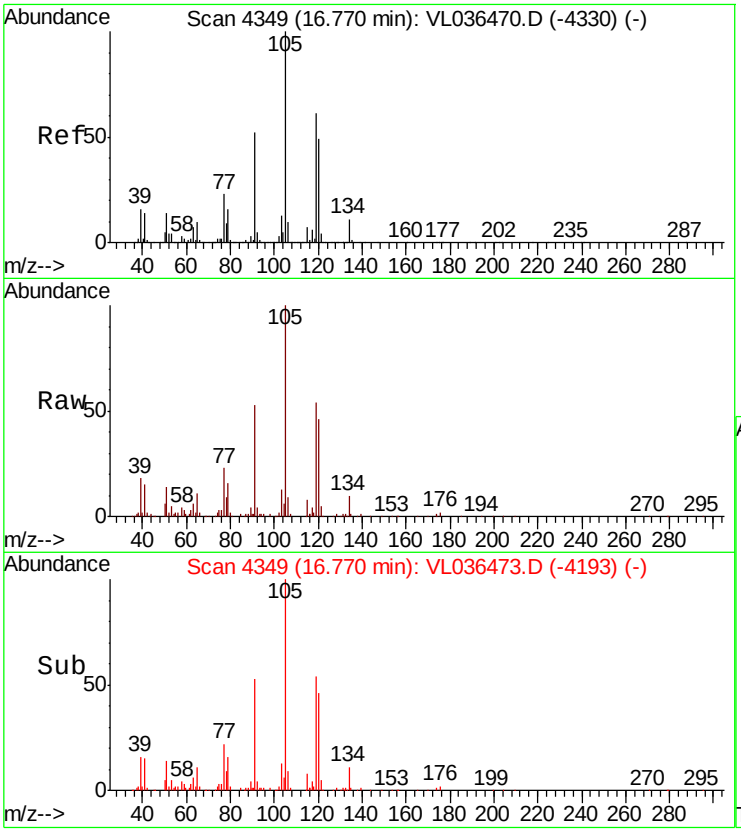


#73
1,3,5-Trimethylbenzene
Concen: 0.481 ppbv
RT: 16.01 min Scan# 4111
Delta R.T. -0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:105 Resp: 188006

Ion	Ratio	Lower	Upper
105	100		
120	38.5	36.6	54.8



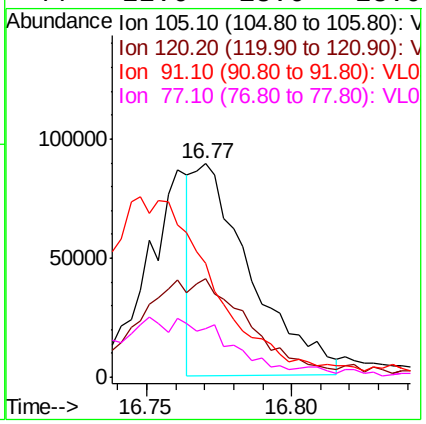


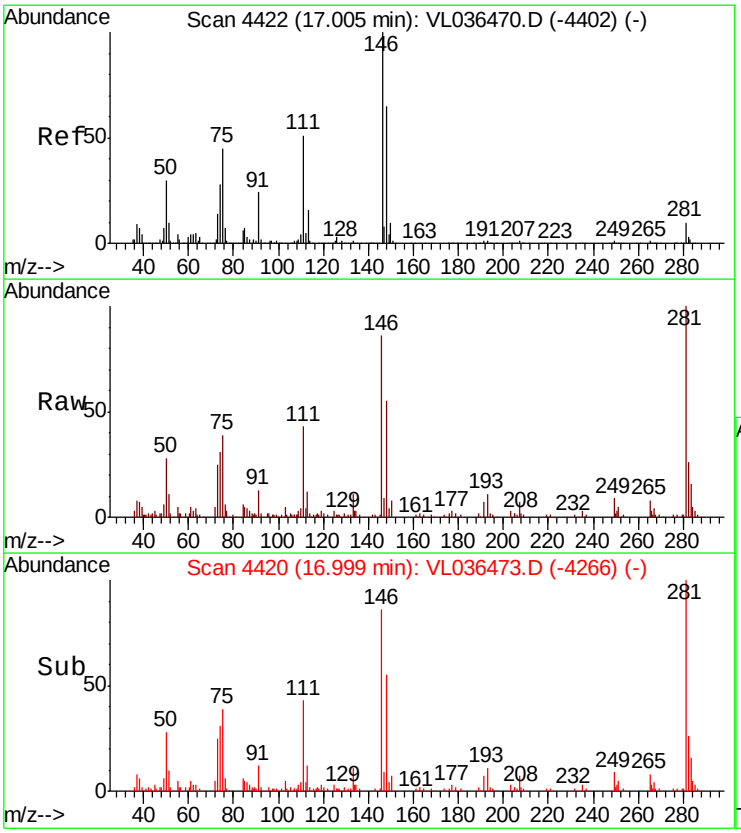
#74
1,2,4-Trimethylbenzene
Concen: 0.297 ppbv
RT: 16.77
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 123114

Ion	Ratio	Lower	Upper
105	100		
120	46.4	39.2	58.8
91	52.2	42.6	64.0
77	22.6	18.6	28.0

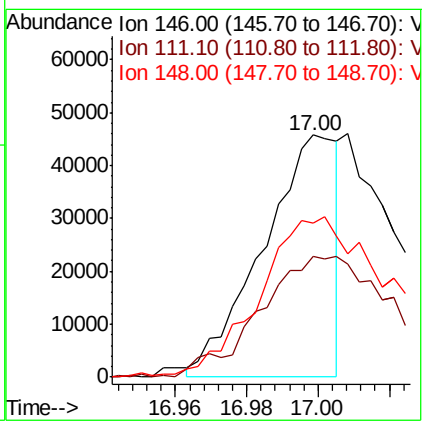


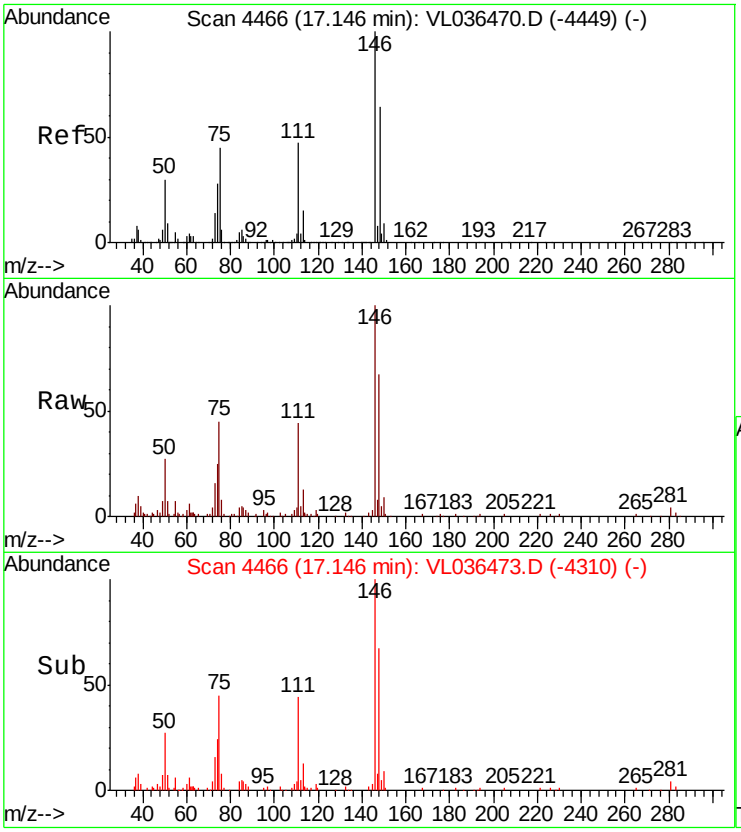


#75
1,3-Dichlorobenzene
Concen: 0.284 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. -0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:146 Resp: 65806

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.6	73.8#
148	0.0	32.3	96.8#



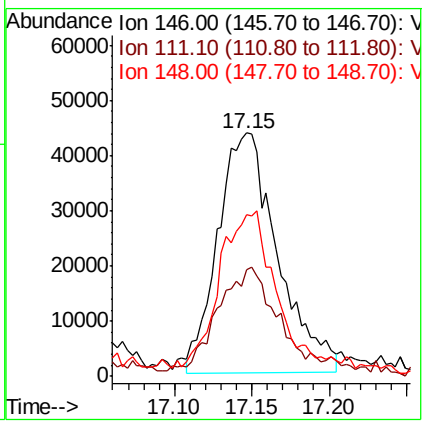


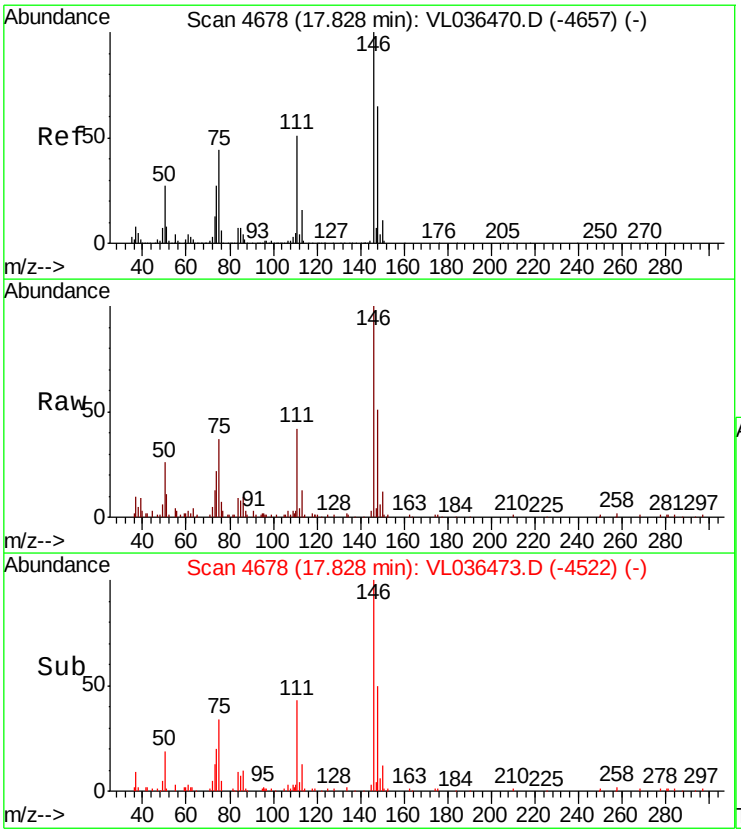
#76
1,4-Dichlorobenzene
Concen: 0.507 ppbv
RT: 17.15
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 117335

Ion	Ratio	Lower	Upper
146	100		
111	51.7	24.3	73.0
148	74.0	32.9	98.6

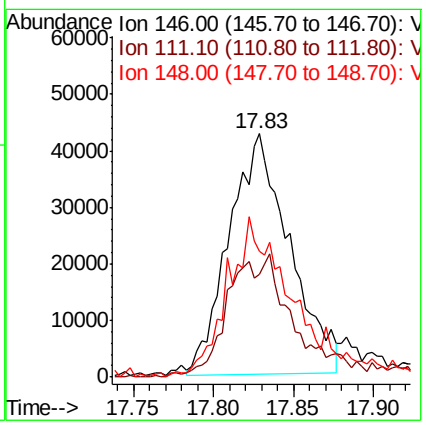


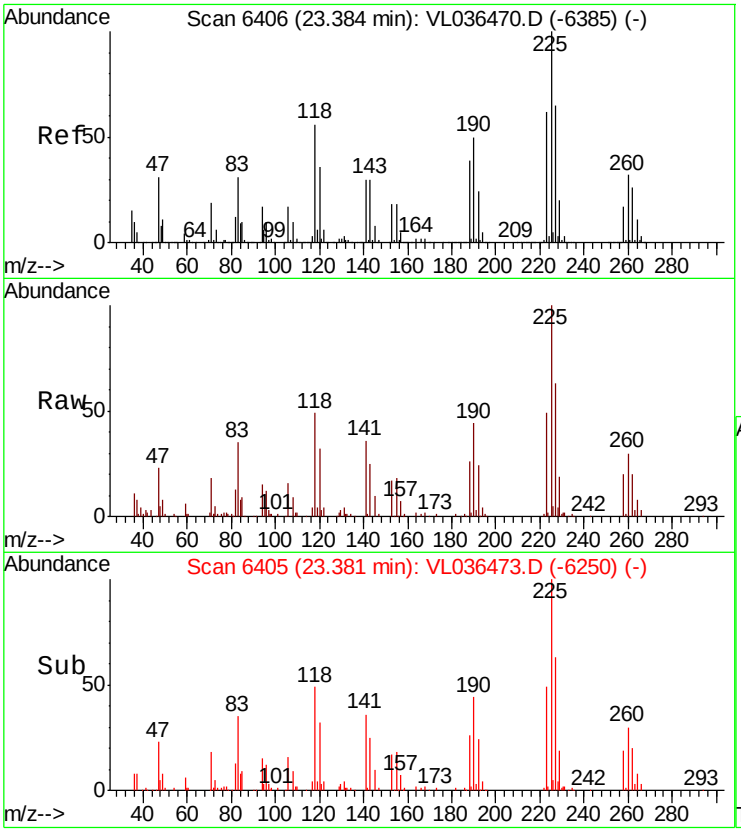


#77
1,2-Dichlorobenzene
Concen: 0.493 ppbv
RT: 17.83 min Scan# 4678
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:146 Resp: 111319

Ion	Ratio	Lower	Upper
146	100		
111	60.1	25.5	76.5
148	72.4	32.9	98.6



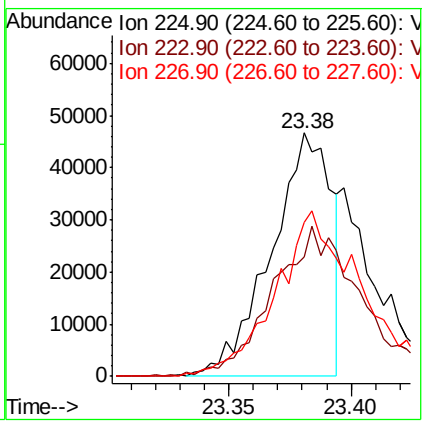


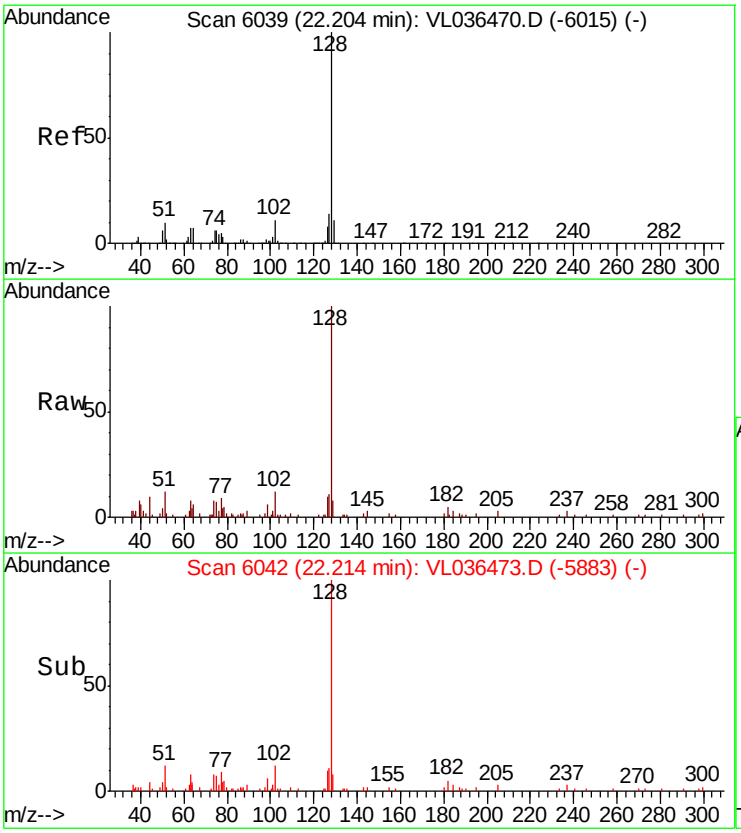
#78
Hexachloro-1,3-Butadiene
Concen: 0.434 ppbv
RT: 23.38
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:225 Resp: 79541

Ion	Ratio	Lower	Upper
225	100		
223	97.5	50.9	76.3#
227	97.7	52.2	78.2#

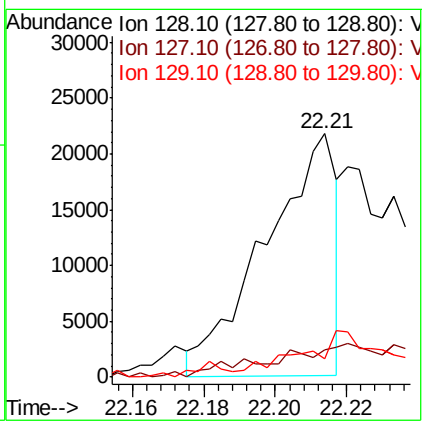


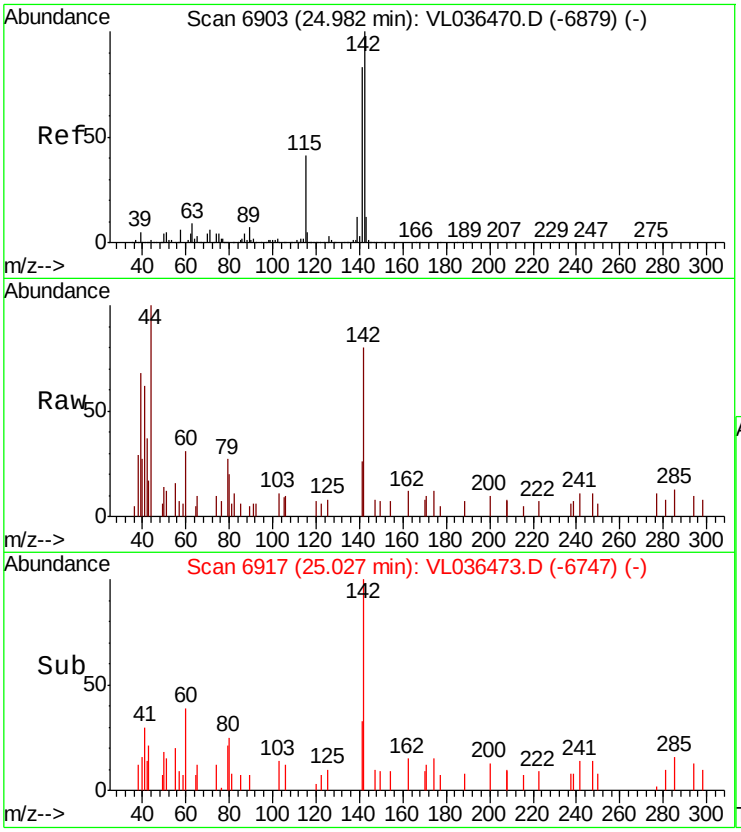


#79
Naphthalene
Concen: 0.121 ppbv
RT: 22.21 min Scan# 6042
Delta R.T. 0.01 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:128 Resp: 29788

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.9	16.3
129	4.0	9.0	13.4#



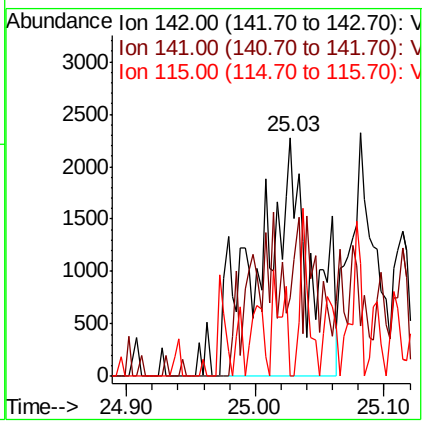


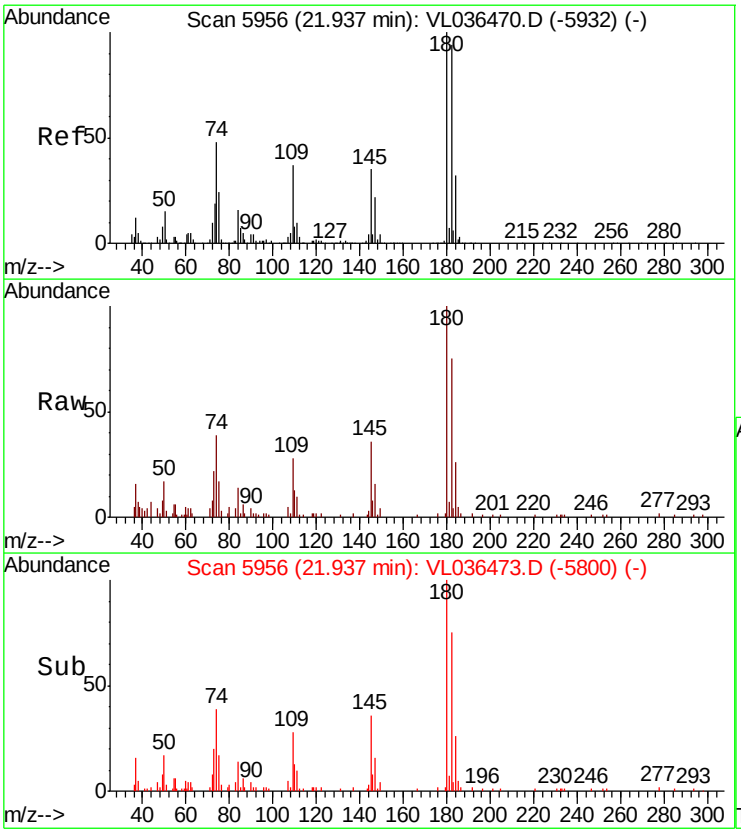
#80
Naphthalene,2-methyl-
Concen: 0.120 ppbv
RT: 25.03
Delta R.T
Lab File:
Acq: 25 Mar 2021 3:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 6326

Ion	Ratio	Lower	Upper
142	100		
141	52.1	67.7	101.5#
115	35.9	33.4	50.2





#81
1,2,4-Trichlorobenzene
Concen: 0.145 ppbv
RT: 21.94 min Scan# 5956
Delta R.T. 0.00 min
Lab File: VL036473.D
Acq: 25 Mar 2021 3:56

Tgt Ion:180 Resp: 20890

Ion	Ratio	Lower	Upper
180	100		
182	306.7	83.0	124.4#
184	0.0	25.2	37.8#