Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038555.D
Acq On : 8 Mar 2022 12:26
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 08 13:53:29 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 13:53:01 2022
QLast Update : Tue Mar 08 13:53:01 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	908429	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2353909	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2141313	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1602027	9.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 90.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	146737	1.02	ppbv		94
3) Chlorodifluoromethane	2.98	51	169901	1.06	ppbv		98
4) Chloromethane	3.14	50	62756	1.13	ppbv		98
5) Vinyl Chloride	3.26	62	56145	0.96	ppbv		97
6) Bromomethane	3.47	94	30591	1.00	ppbv		91
7) Chloroethane	3.55	64	19515	1.04	ppbv		89
8) Dichlorotetrafluoroethane	3.19	85	144469	1.08	ppbv		100
9) Propene	3.01	41	59211	1.12	ppbv		99
10) Heptane	8.11	43	141364	1.10	ppbv		99
11) Trichlorofluoromethane	3.94	101	126356	0.92	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	98077	0.97	ppbv		100
13) Ethanol	3.61	45	3611	0.68	ppbv	#	21
14) Bromoethene	3.74	108	43142	1.07	ppbv		99
15) Acetone	3.85	43	59588	0.77	ppbv		91
16) 1,3-Butadiene	3.32	39	51542	1.00	ppbv		96
17) tert-Butyl alcohol	4.29	59	72530	0.94	ppbv		98
18) 1,1-Dichloroethene	4.29	96	43785	0.99	ppbv		98
19) Isopropyl Alcohol	3.98	45	40922	0.91	ppbv	#	93
20) Methylene Chloride	4.34	84	41402	1.08	ppbv		93
21) Allyl Chloride	4.41	41	59856	0.92	ppbv		92
22) trans-1,2-Dichloroethene	4.88	96	40711	0.91	ppbv		96
23) Vinyl Acetate	5.07	43	89505	0.87	ppbv		98
24) 1,1-Dichloroethane	5.00	63	85971	0.93	ppbv		98
25) Ethyl Acetate	5.68	43	223431	1.08	ppbv		98
26) Hexane	5.68	57	104032	1.11	ppbv		92
27) Carbon Disulfide	4.55	76	98358	0.94	ppbv	#	94
28) Methyl tert-Butyl Ether	5.03	73	83240	0.87	ppbv		96
29) Chloroform	5.74	83	163055	1.06	ppbv		93
30) Cyclohexane	7.12	84	90006	1.17	ppbv	#	78
31) cis-1,2-Dichloroethene	5.54	61	94671	1.04	ppbv		97
32) 1,1,1-Trichloroethane	6.50	97	154163	1.00	ppbv		98
34) 2-Butanone	5.24	43	58977	0.80	ppbv		92
35) Carbon Tetrachloride	7.01	117	157327	0.95	ppbv		98
36) Benzene	6.88	78	223756	1.08	ppbv		97
37) 1,2-Dichloroethane	6.29	62	105461	0.88	ppbv		99
38) Trichloroethene	7.82	130	84664	1.12	ppbv		94
39) 1,2-Dichloropropane	7.60	63	85756	1.04	ppbv		96
40) 1,4-Dioxane	7.84	88	21329	1.09	ppbv		83
41) Tetrahydrofuran	6.06	42	17824	0.36	ppbv	#	11
42) Bromodichloromethane	7.78	83	166343	0.96	ppbv		98
43) Methyl Methacrylate	8.01	69	74083	1.03	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038555.D
Acq On : 8 Mar 2022 12:26
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Mar 08 13:53:29 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 13:53:01 2022
QLast Update : Tue Mar 08 13:53:01 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	389592	1.09	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	45741	0.79	ppbv		97
46) cis-1,3-Dichloropropene	8.69	75	68776	0.91	ppbv		94
47) 1,1,2-Trichloroethane	9.46	97	45378	0.55	ppbv		97
48) Dibromochloromethane	10.29	129	134431	1.00	ppbv		100
49) Bromoform	13.02	173	99149	1.00	ppbv		98
50) 4-Methyl-2-Pentanone	8.74	43	122695	0.94	ppbv		100
51) 2-Hexanone	10.14	43	36095	0.62	ppbv	#	78
52) Tetrachloroethene	11.21	164	77371	1.12	ppbv		96
53) Toluene	9.79	91	232943	1.04	ppbv		100
54) 1,2-Dibromoethane	10.59	107	111611	0.97	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.11	131	92053	1.03	ppbv	#	1
57) Chlorobenzene	12.13	112	170316	1.03	ppbv		98
58) Ethyl Benzene	12.69	91	292929	1.00	ppbv		97
59) m/p-Xylene	12.98	91	269381	1.07	ppbv	#	43
60) o-Xylene	13.68	91	238247	1.00	ppbv		99
61) Styrene	13.51	104	110175	1.00	ppbv		97
62) Isopropylbenzene	14.65	105	330165	1.03	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.66	83	180951	0.94	ppbv		97
64) n-propylbenzene	15.55	120	81262	1.03	ppbv		84
65) tert-Butylbenzene	16.73	119	298208	1.08	ppbv		96
66) Benzyl Chloride	16.97	91	9790	0.66	ppbv	#	96
67) sec-Butylbenzene	17.28	105	416988	1.06	ppbv		99
69) p-Isopropyltoluene	17.63	119	349426	1.14	ppbv		100
70) n-Butylbenzene	18.54	91	363975	1.14	ppbv		98
71) 2-Chlorotoluene	15.44	91	244516	1.00	ppbv		99
72) 4-Ethyltoluene	15.82	105	268643	1.03	ppbv		98
73) 1,3,5-Trimethylbenzene	15.98	105	243590	1.02	ppbv		99
74) 1,2,4-Trimethylbenzene	16.74	105	276103	1.10	ppbv	#	86
75) 1,3-Dichlorobenzene	16.98	146	163164	1.16	ppbv		97
76) 1,4-Dichlorobenzene	17.12	146	149753	1.08	ppbv		91
77) 1,2-Dichlorobenzene	17.80	146	168723	1.25	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	178281	1.73	ppbv		99
79) Naphthalene	22.18	128	117303	0.86	ppbv		98
80) Naphthalene,2-methyl-	24.97	142	28504	1.07	ppbv		94
81) 1,2,4-Trichlorobenzene	21.91	180	58124	0.71	ppbv	#	1

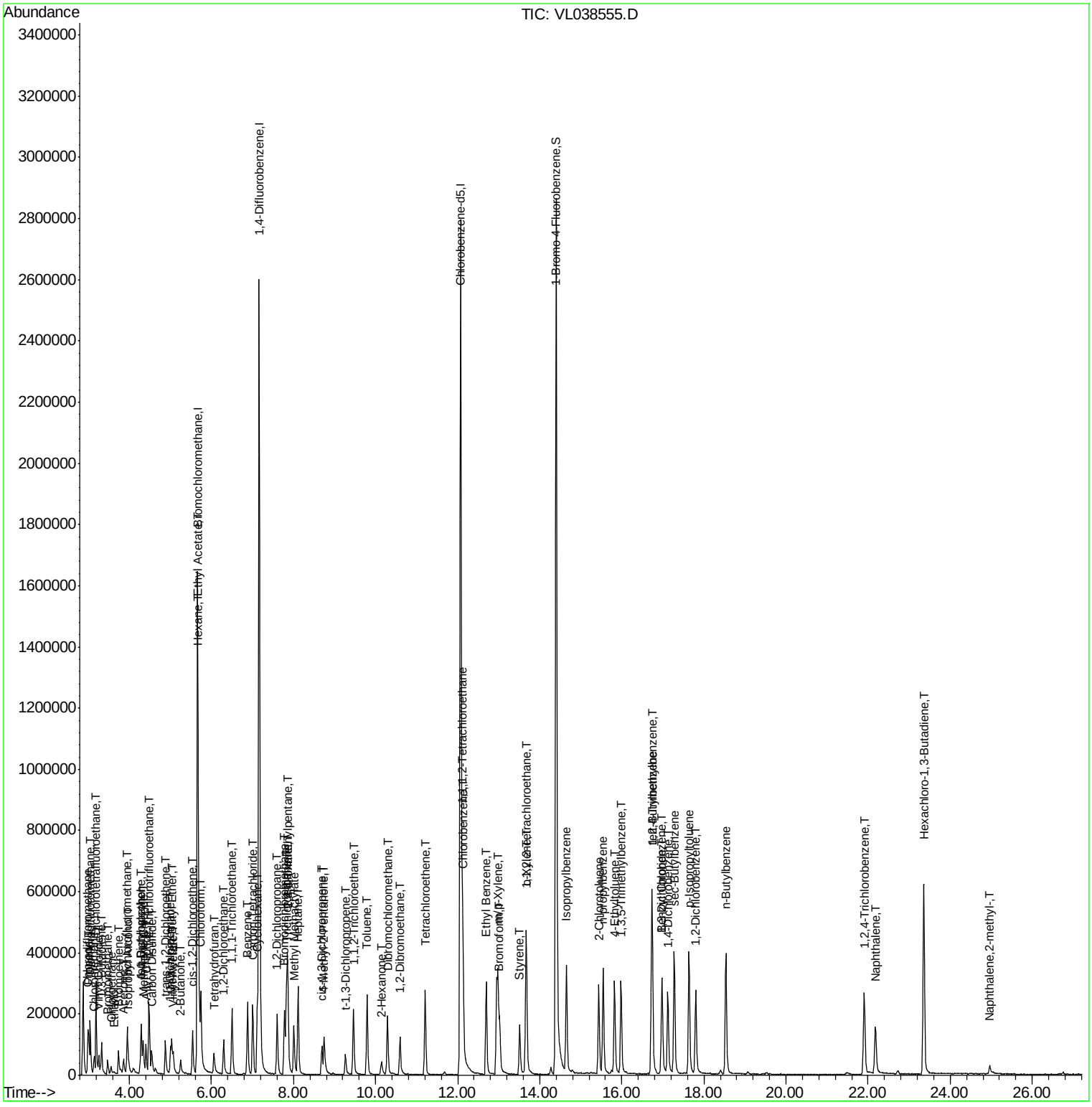
(#) = qualifier out of range (m) = manual integration (+) = signals summed

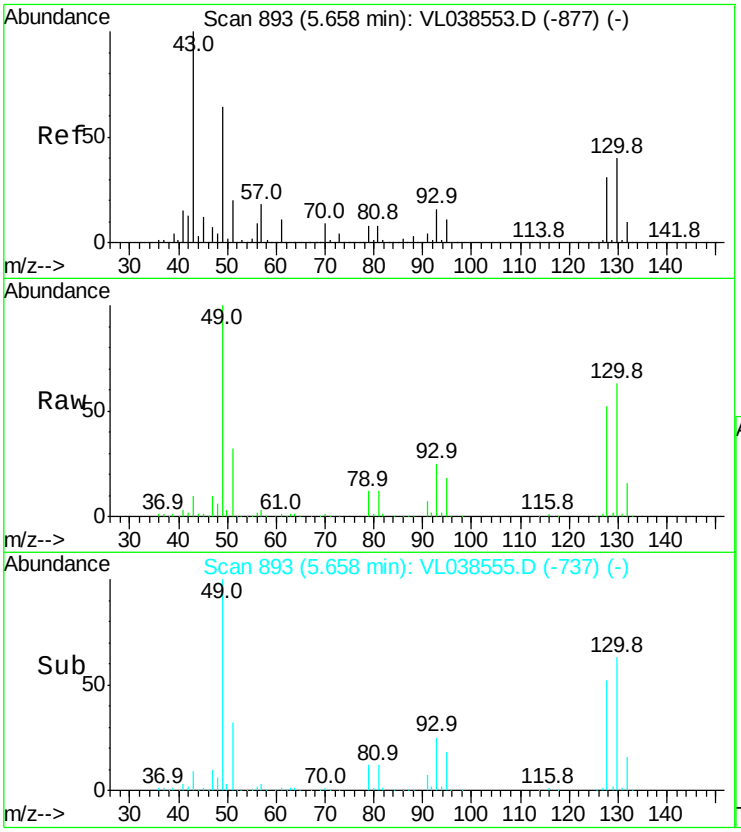
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038555.D
Acq On : 8 Mar 2022 12:26
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Mar 08 13:53:29 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 13:53:01 2022
QLast Update : Tue Mar 08 13:53:01 2022
Response via : Initial Calibration



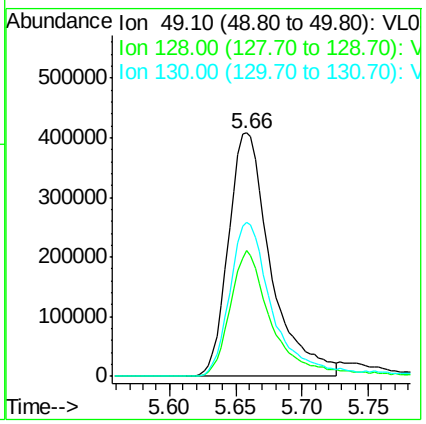


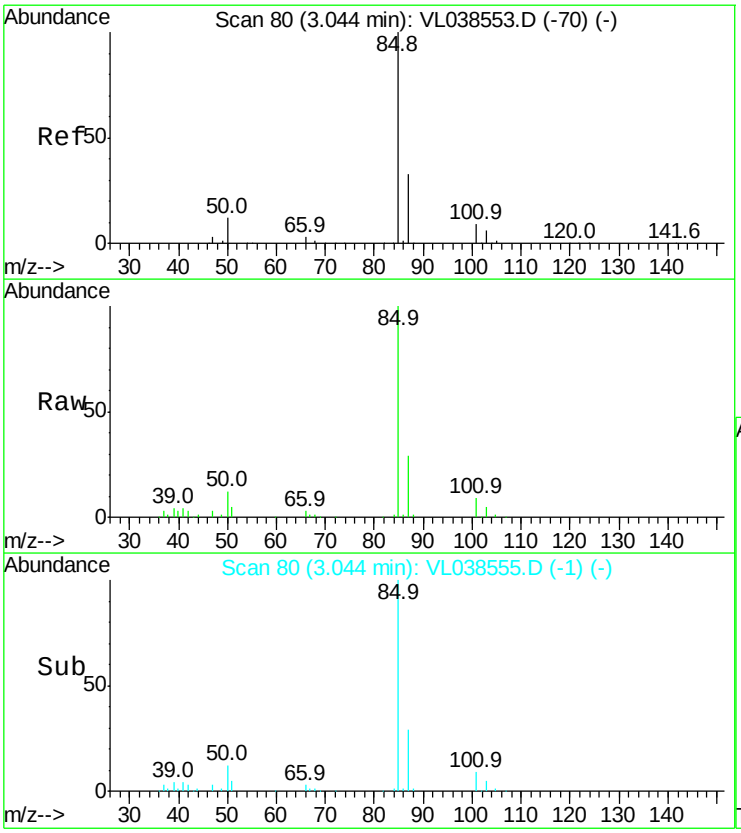
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 908429

Ion	Ratio	Lower	Upper
49	100		
128	52.7	26.4	79.2
130	67.3	33.0	98.9

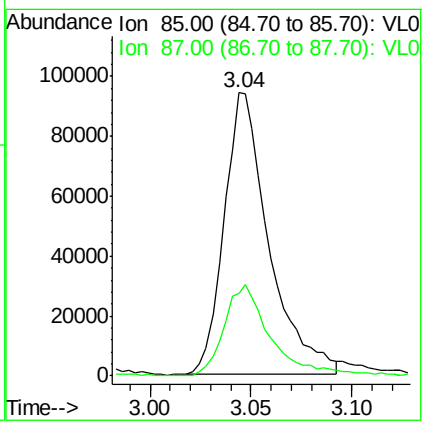


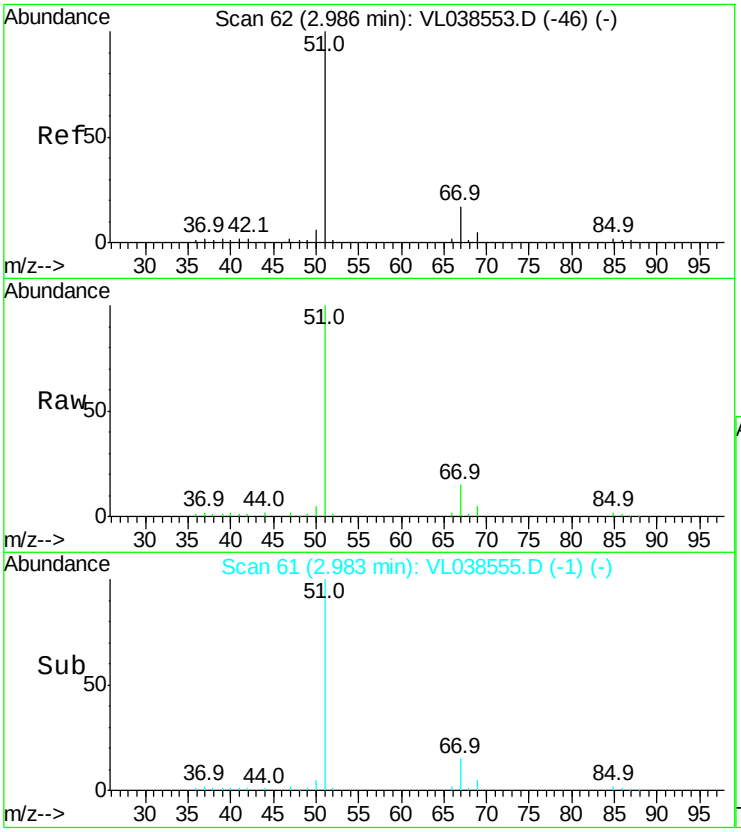


#2
Dichlorodifluoromethane
Concen: 1.02 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 85 Resp: 146737

Ion	Ratio	Lower	Upper
85	100		
87	29.1	26.2	39.2



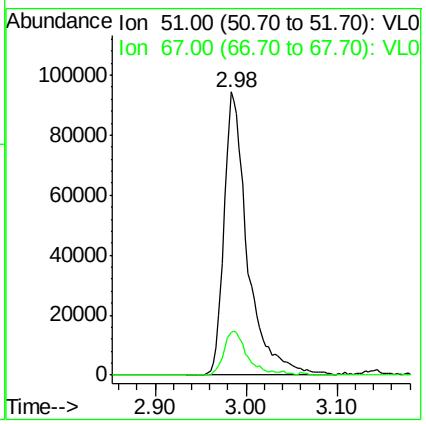


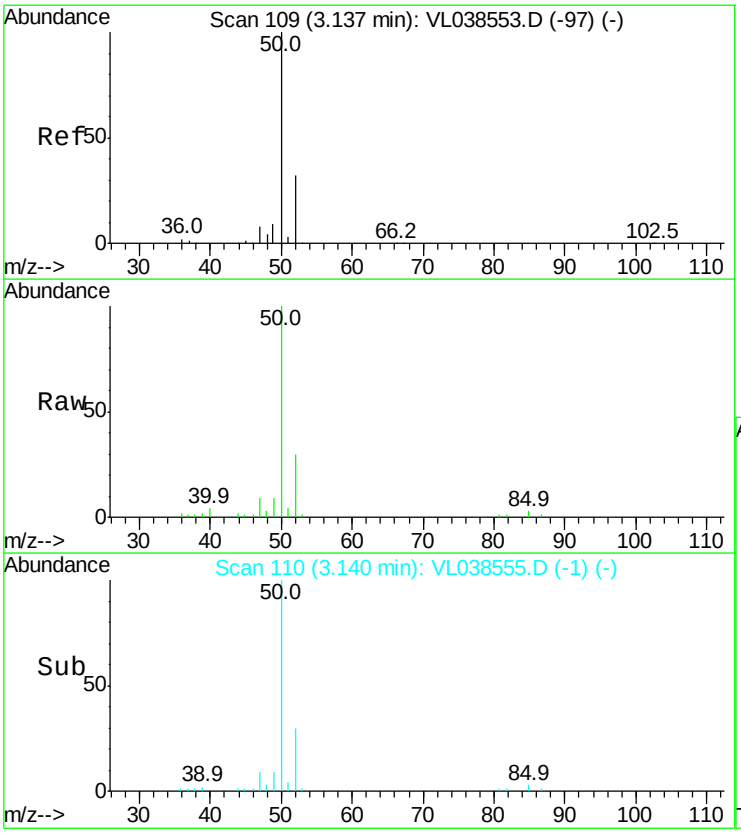
#3
Chlorodifluoromethane
Concen: 1.06 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 169901

Ion	Ratio	Lower	Upper
51	100		
67	16.0	13.6	20.4

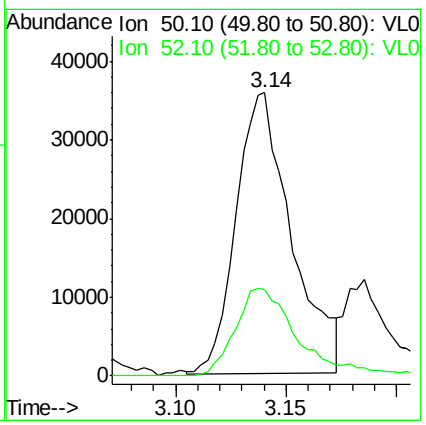


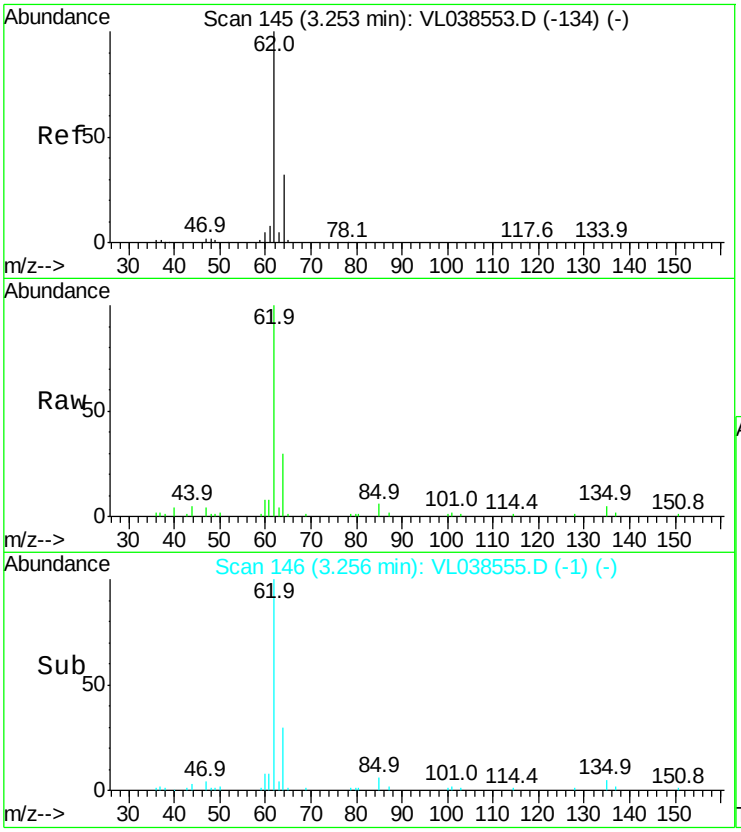


#4
Chloromethane
Concen: 1.13 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 50 Resp: 62756

Ion	Ratio	Lower	Upper
50	100		
52	31.1	25.6	38.4



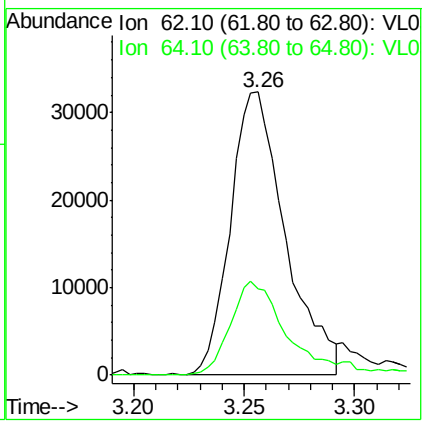


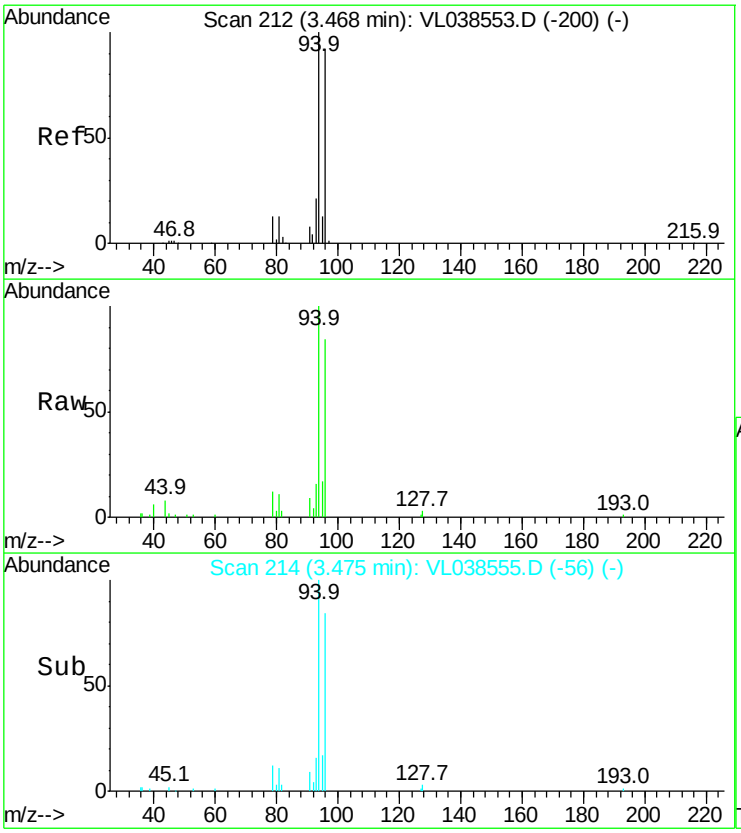
#5
Vinyl Chloride
Concen: 0.96 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 56145

Ion	Ratio	Lower	Upper
62	100		
64	30.5	25.8	38.6

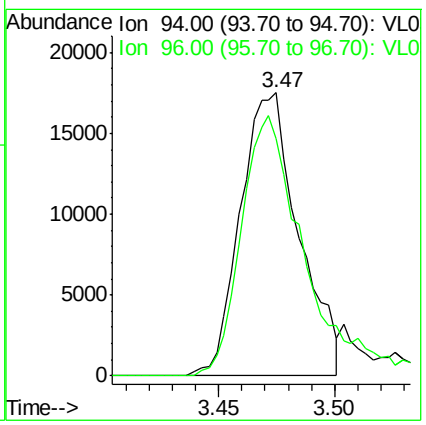


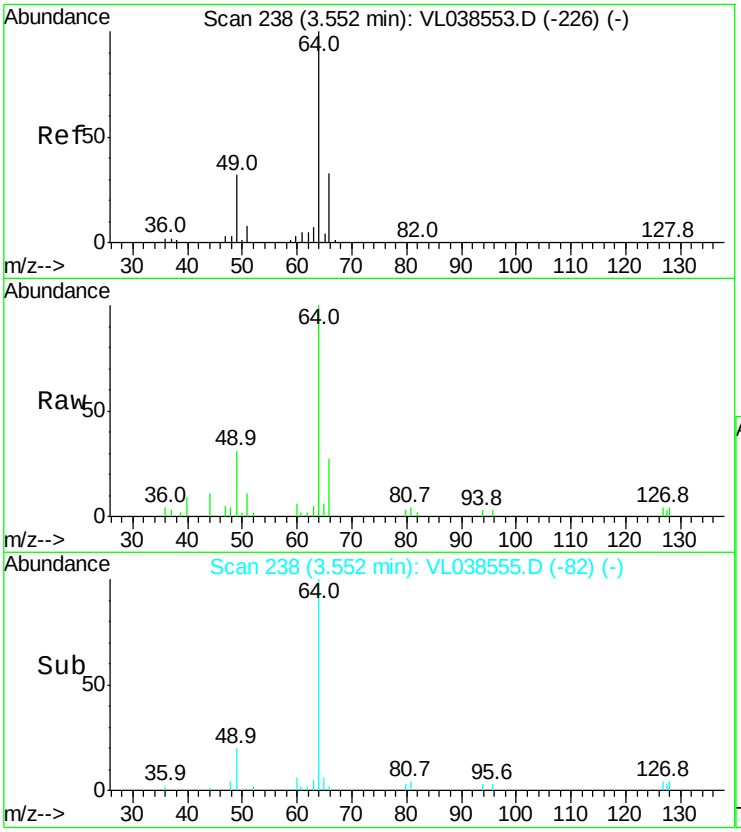


#6
Bromomethane
Concen: 1.00 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 94 Resp: 30591

Ion	Ratio	Lower	Upper
94	100		
96	83.8	73.7	110.5



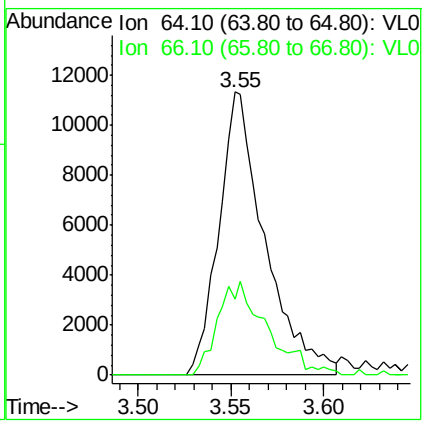


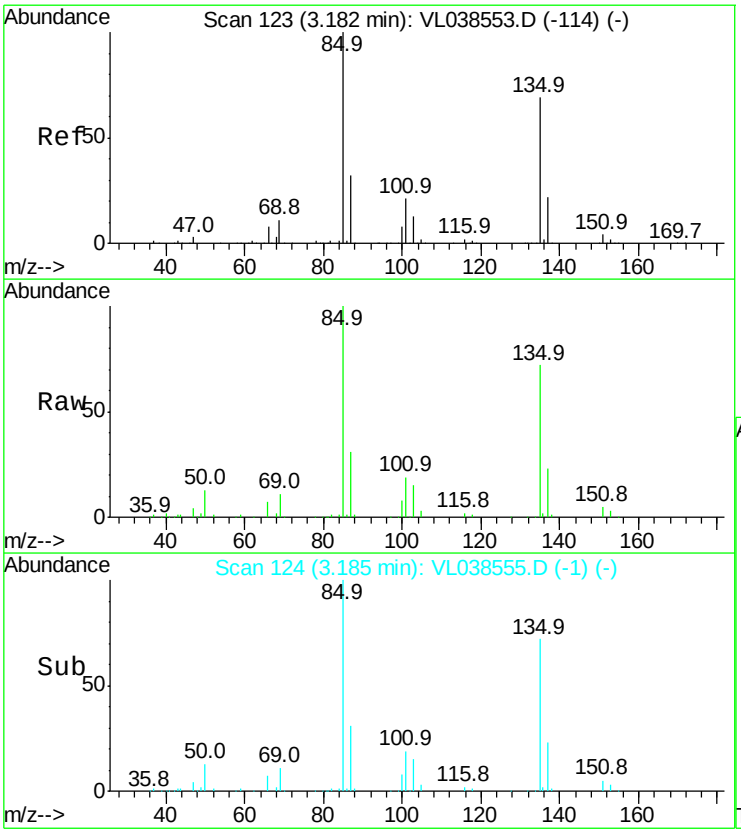
#7
Chloroethane
Concen: 1.04 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 19515

Ion	Ratio	Lower	Upper
64	100		
66	27.1	26.6	39.8

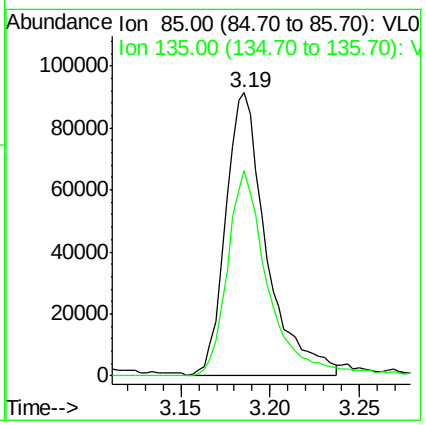


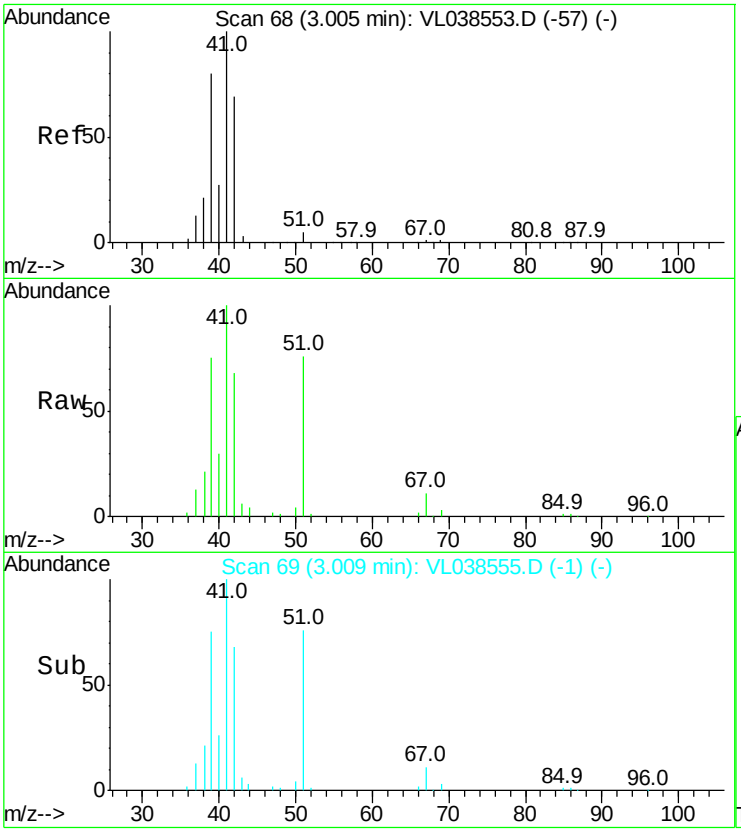


#8
Dichlorotetrafluoroethane
Concen: 1.08 ppbv
RT: 3.19 min Scan# 124
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 85 Resp: 144469

Ion	Ratio	Lower	Upper
85	100		
135	73.9	59.0	88.4



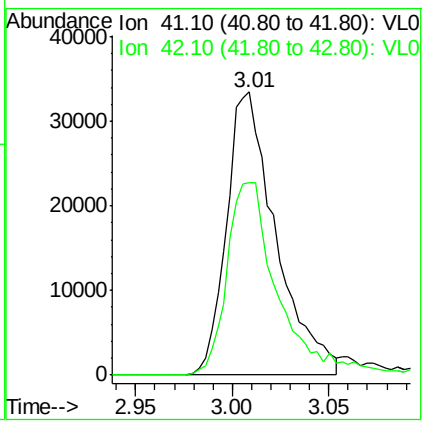


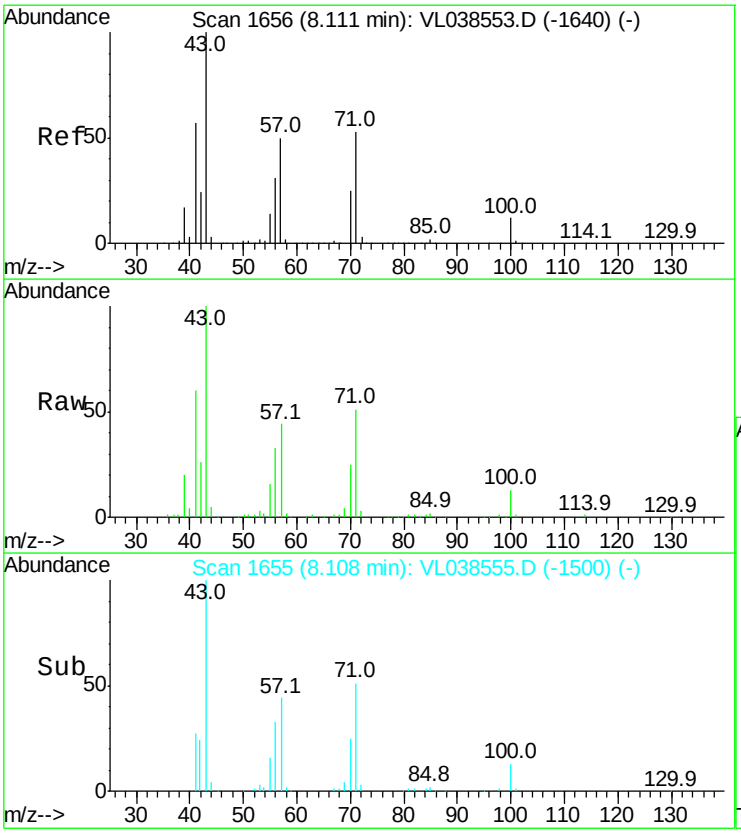
#9
Propene
Concen: 1.12 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 59211

Ion	Ratio	Lower	Upper
41	100		
42	70.8	55.7	83.5

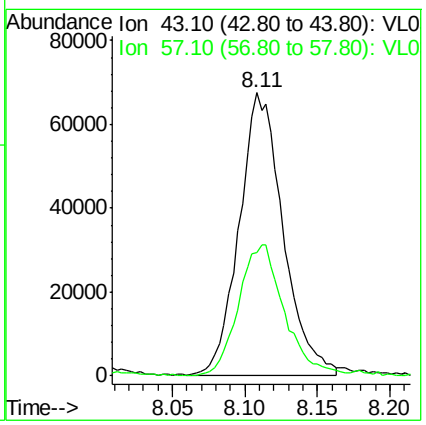


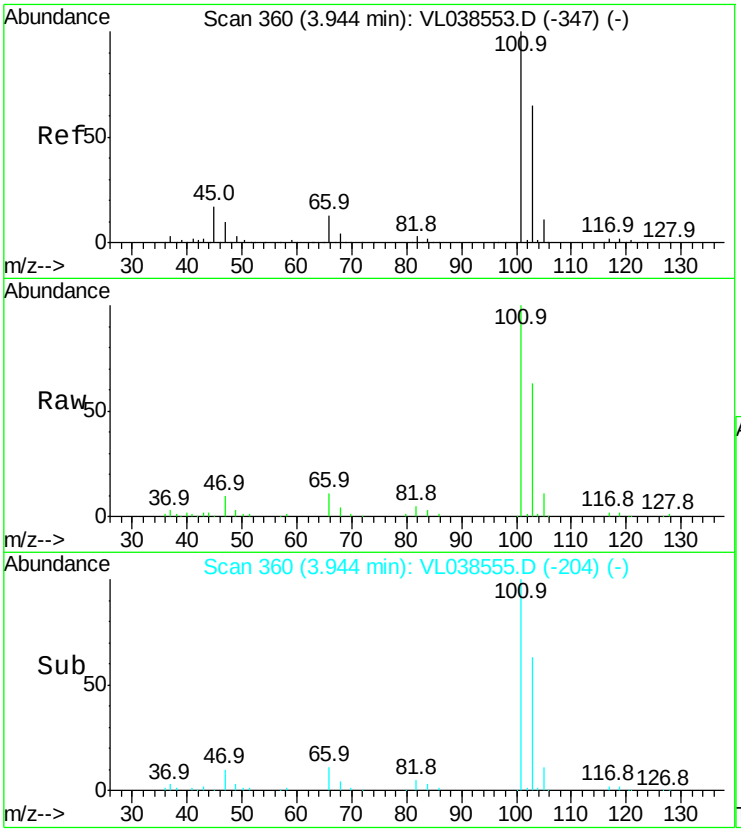


#10
Heptane
Concen: 1.10 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 43 Resp: 141364

Ion	Ratio	Lower	Upper
43	100		
57	50.0	39.6	59.4



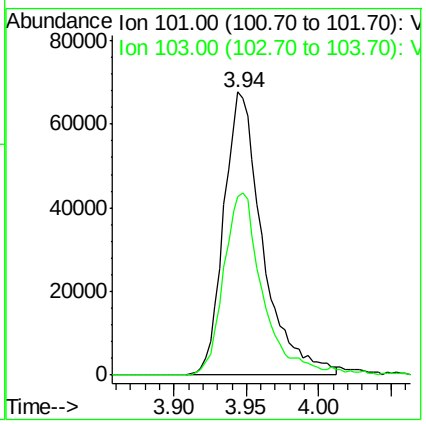


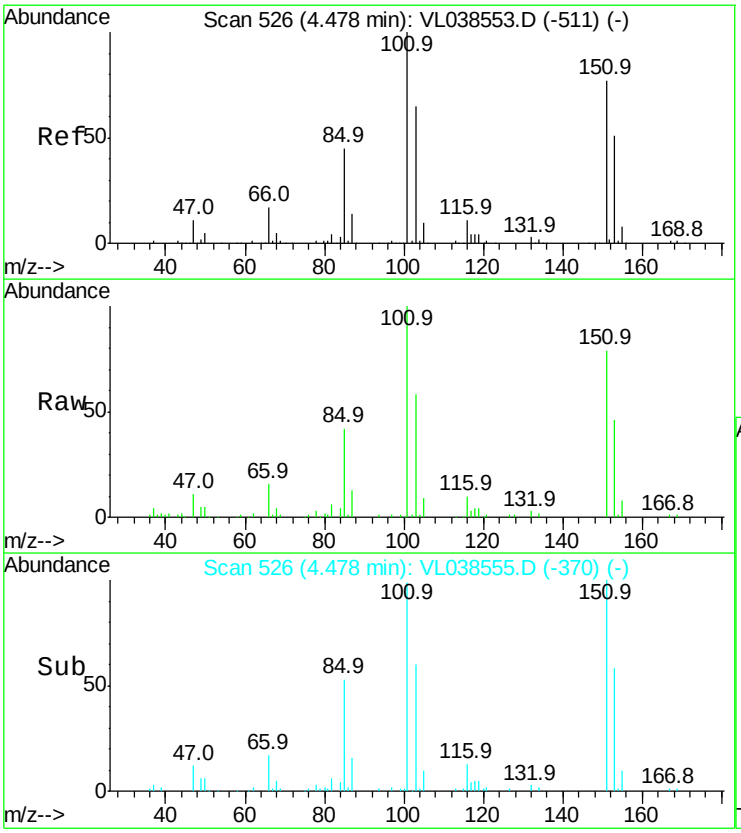
#11
Trichlorofluoromethane
Concen: 0.92 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 126356

Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.0	78.0

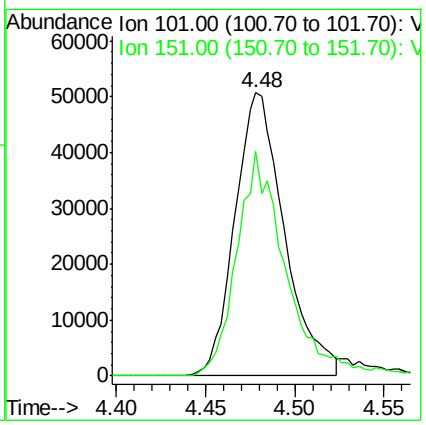


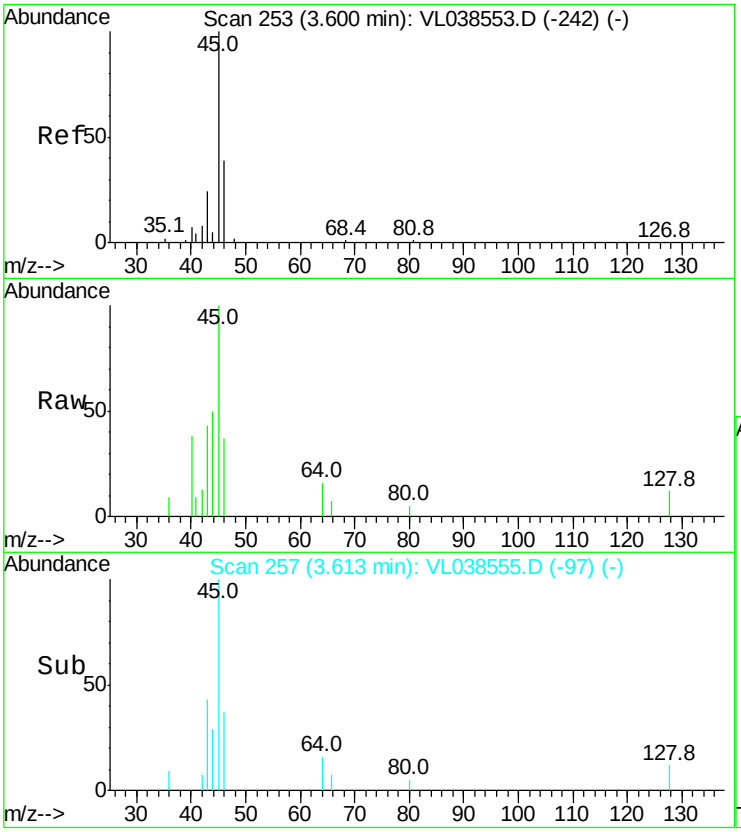


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.97 ppbv
RT: 4.48 min Scan# 526
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:101 Resp: 98077

Ion	Ratio	Lower	Upper
101	100		
151	78.9	63.4	95.0



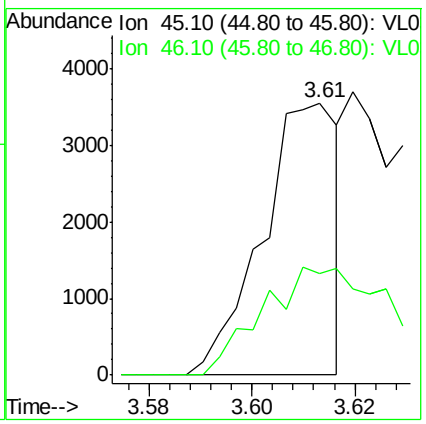


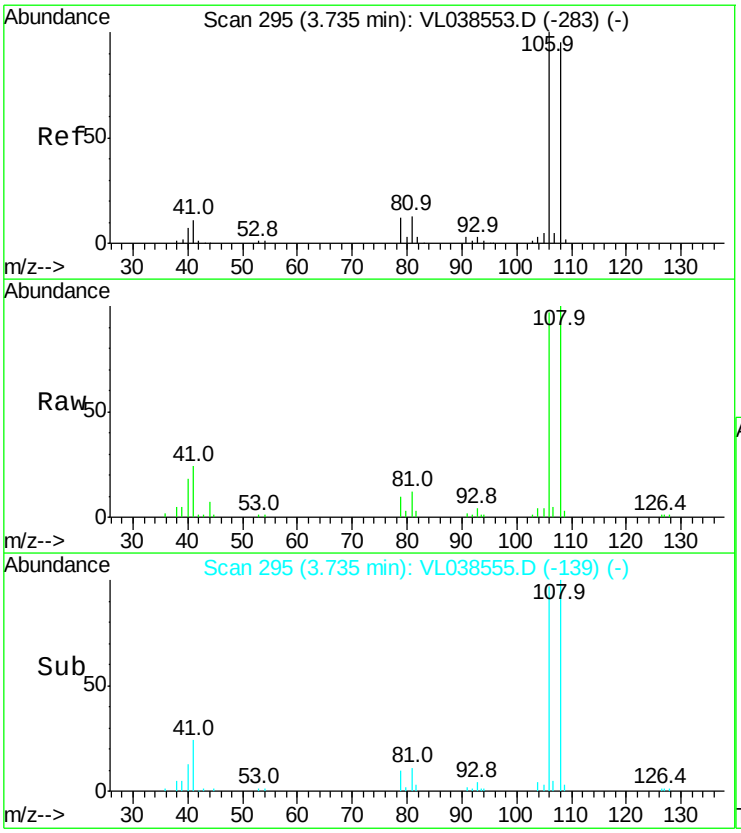
#13
Ethanol
Concen: 0.68 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 3611

Ion	Ratio	Lower	Upper
45	100		
46	91.9	16.8	67.0#

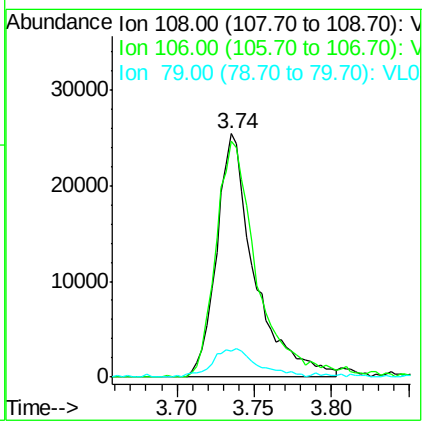


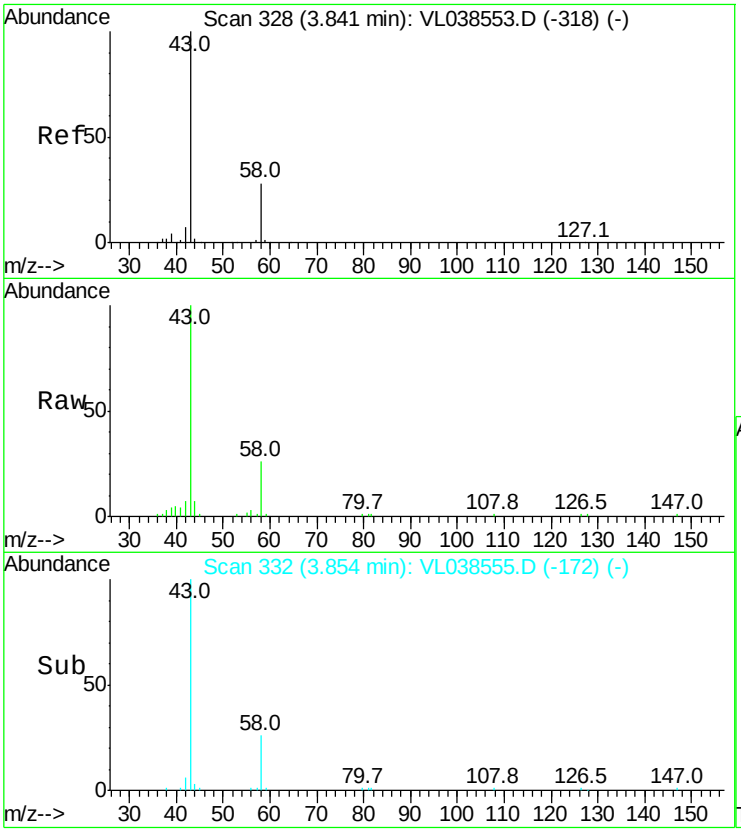


#14
Bromoethene
Concen: 1.07 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:108 Resp: 43142

Ion	Ratio	Lower	Upper
108	100		
106	107.9	85.9	128.9
79	14.6	11.0	16.6



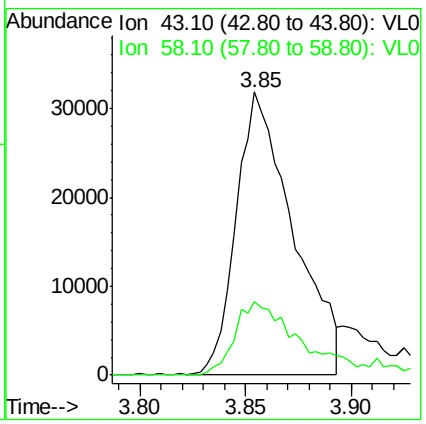


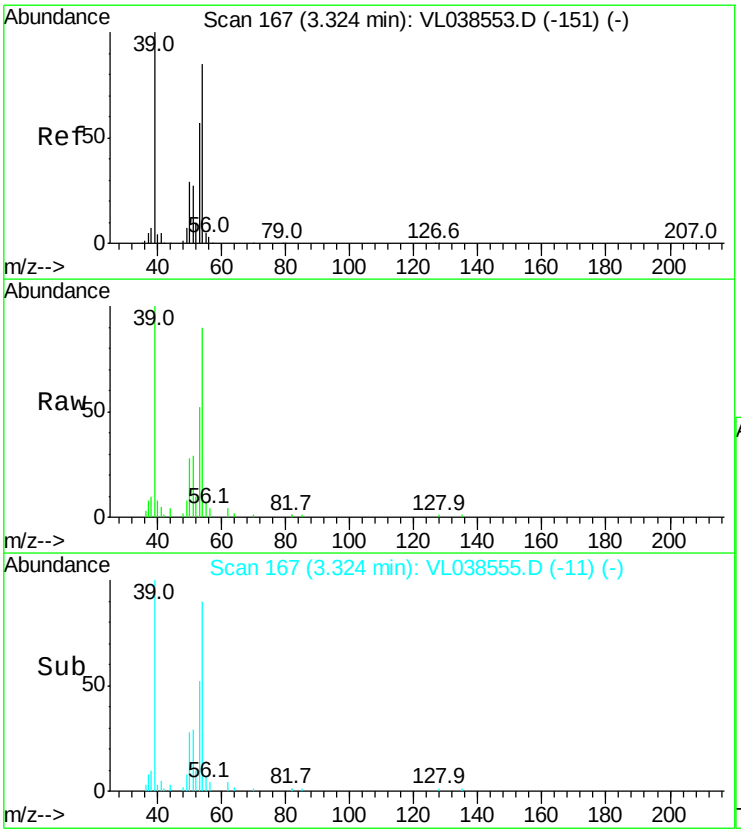
#15
Acetone
Concen: 0.77 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 59588

Ion	Ratio	Lower	Upper
43	100		
58	33.0	22.7	34.1

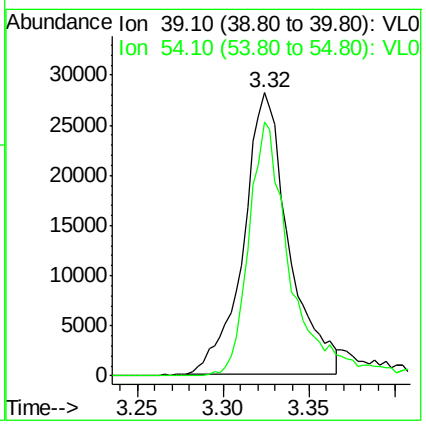


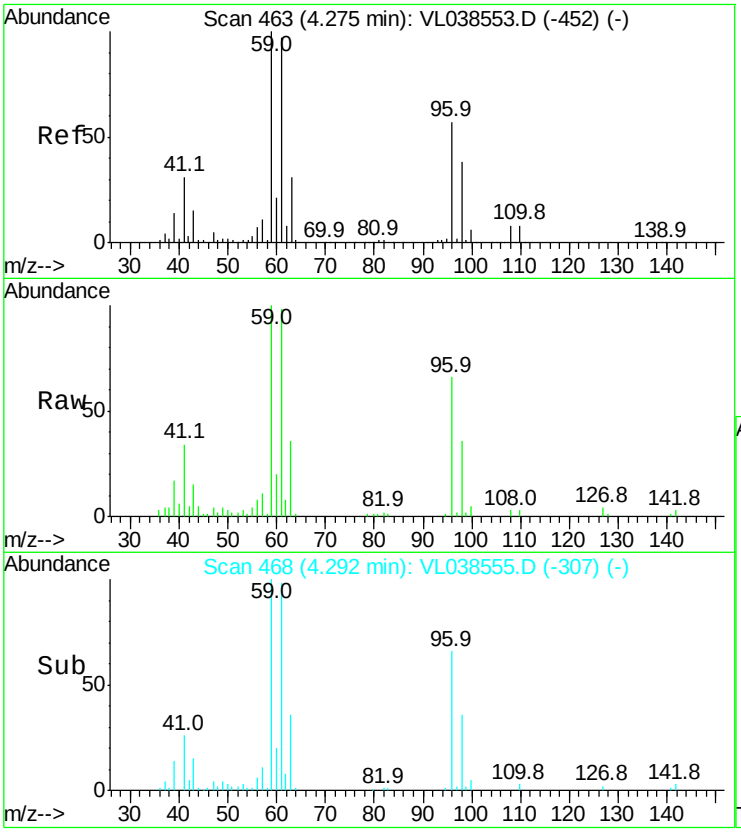


#16
1,3-Butadiene
Concen: 1.00 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 39 Resp: 51542

Ion	Ratio	Lower	Upper
39	100		
54	84.1	64.2	96.2



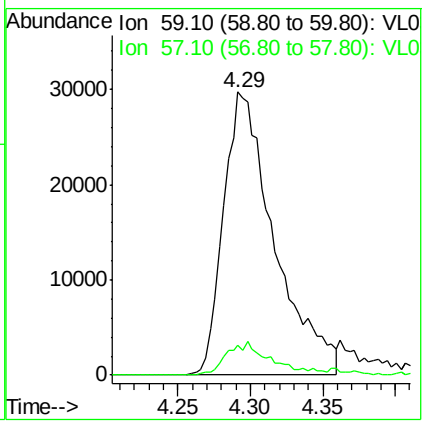


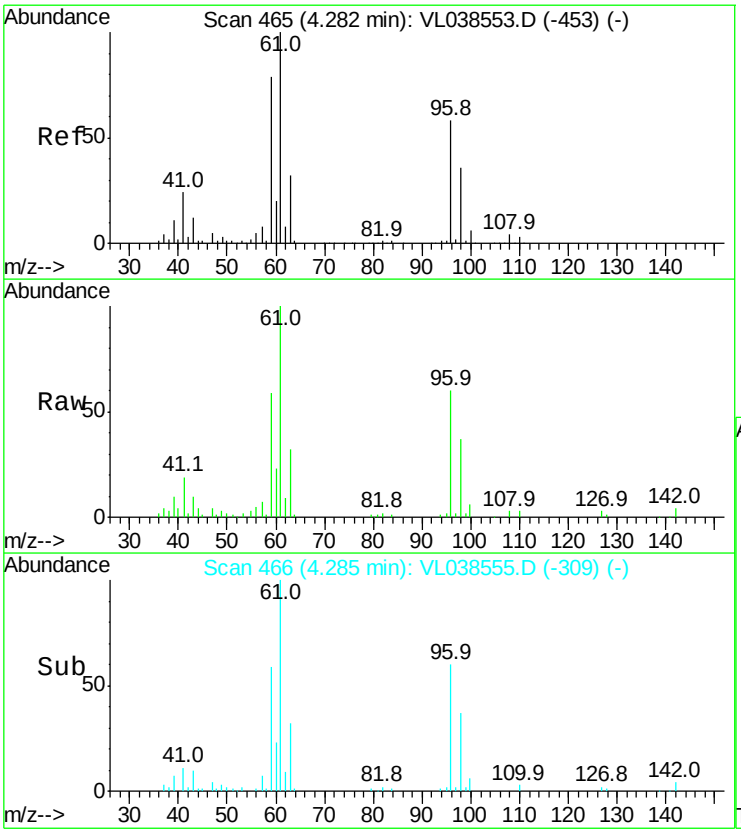
#17
tert-Butyl alcohol
Concen: 0.94 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 72530

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

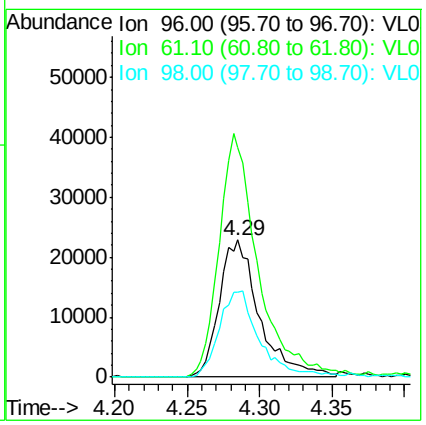


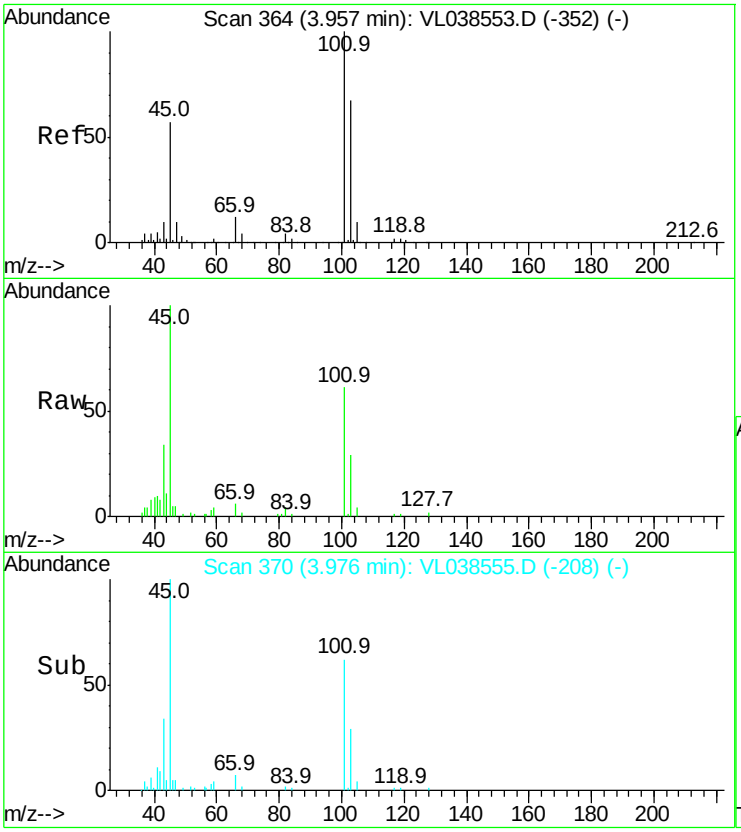


#18
1,1-Dichloroethene
Concen: 0.99 ppbv
RT: 4.29 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 96 Resp: 43785

Ion	Ratio	Lower	Upper
96	100		
61	167.4	137.4	206.0
98	62.1	49.3	73.9



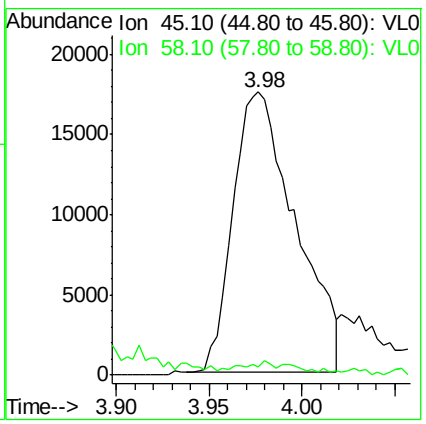


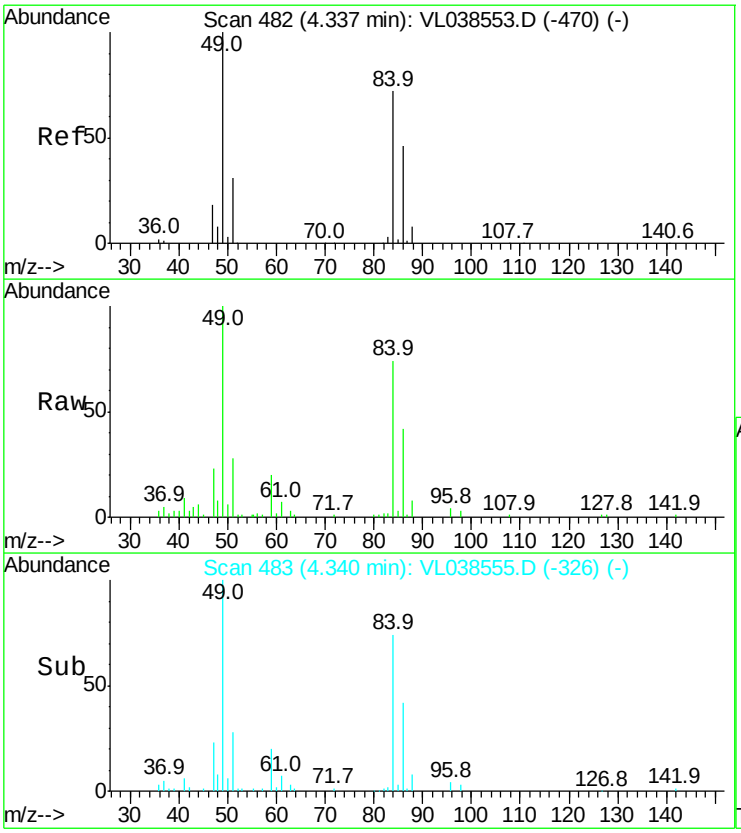
#19
Isopropyl Alcohol
Concen: 0.91 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 40922

Ion	Ratio	Lower	Upper
45	100		
58	5.1	2.2	3.2#

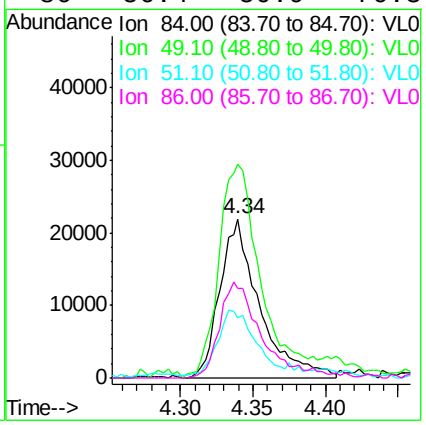


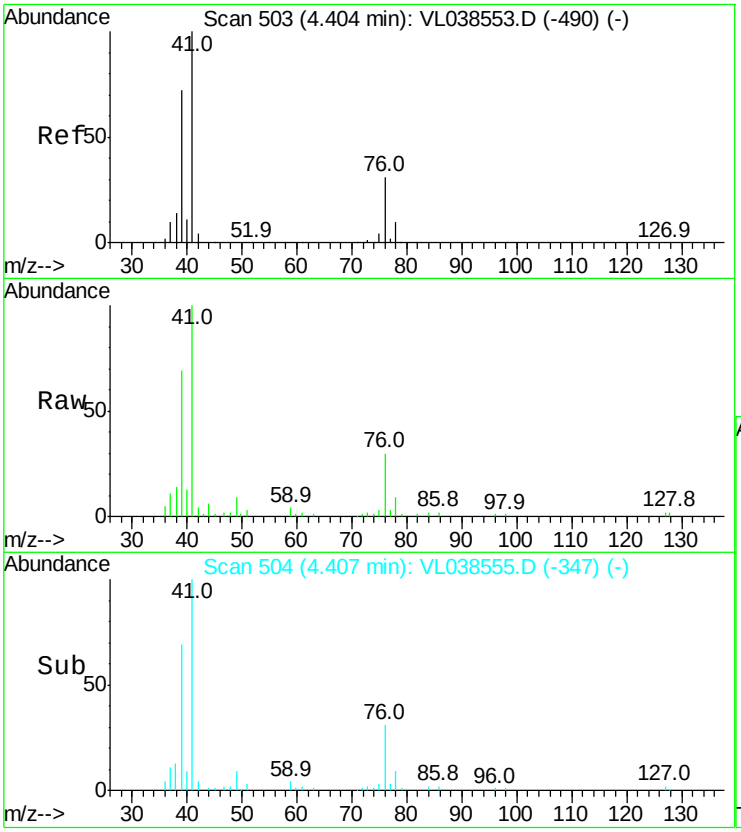


#20
Methylene Chloride
Concen: 1.08 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 84 Resp: 41402

Ion	Ratio	Lower	Upper
84	100		
49	132.1	111.1	166.7
51	35.5	34.0	51.0
86	56.4	50.9	76.3



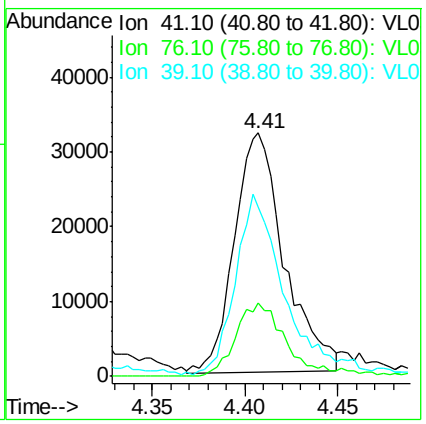


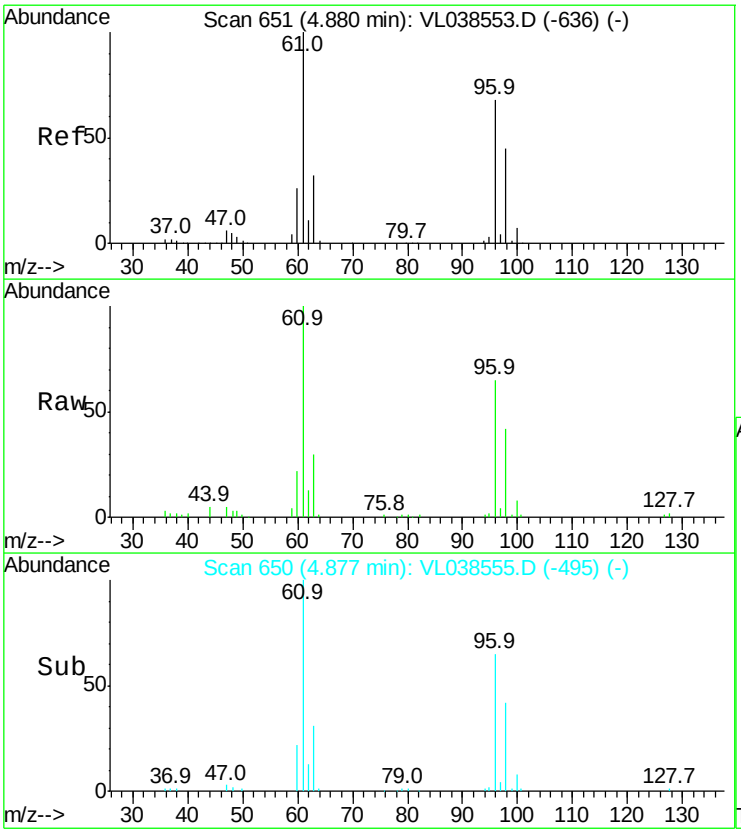
#21
Allyl Chloride
Concen: 0.92 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 59856

Ion	Ratio	Lower	Upper
41	100		
76	31.9	24.3	36.5
39	80.0	57.1	85.7

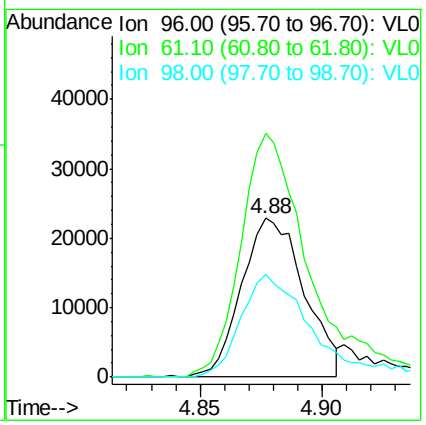


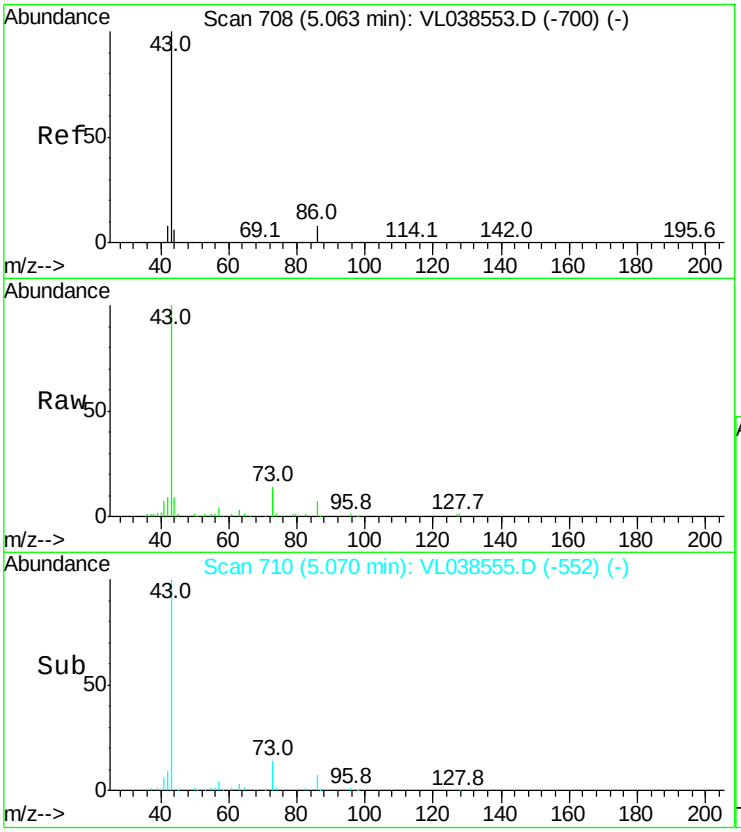


#22
trans-1,2-Dichloroethene
Concen: 0.91 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 96 Resp: 40711

Ion	Ratio	Lower	Upper
96	100		
61	153.4	117.6	176.4
98	64.4	52.6	78.8



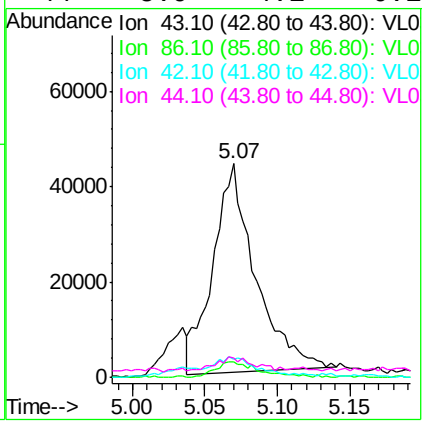


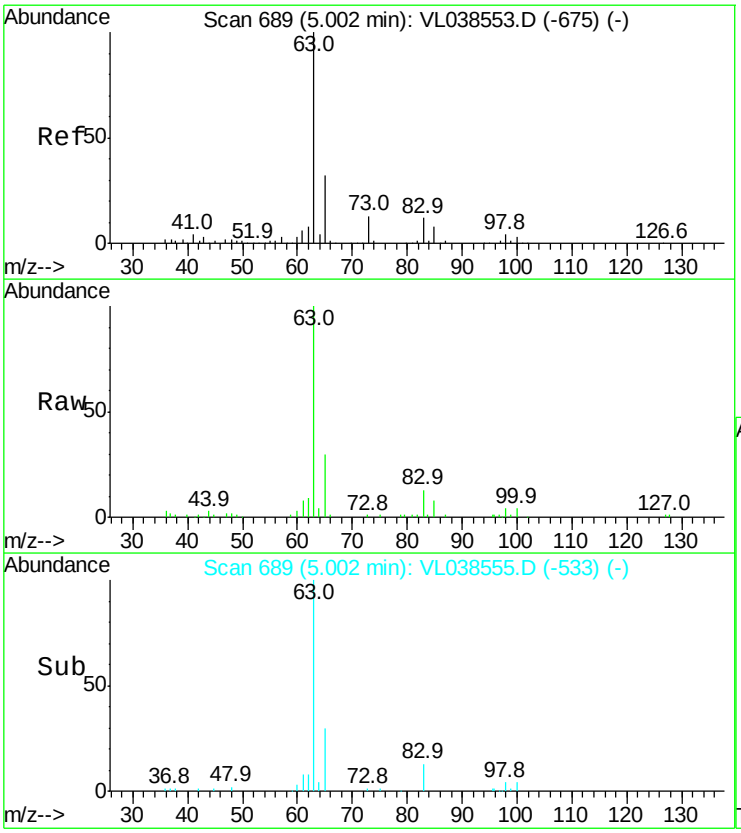
#23
Vinyl Acetate
Concen: 0.87 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 89505

Ion	Ratio	Lower	Upper
43	100		
86	8.1	5.6	8.4
42	8.5	7.1	10.7
44	5.9	4.1	6.1

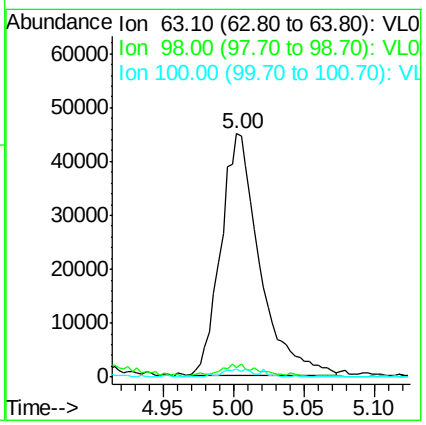


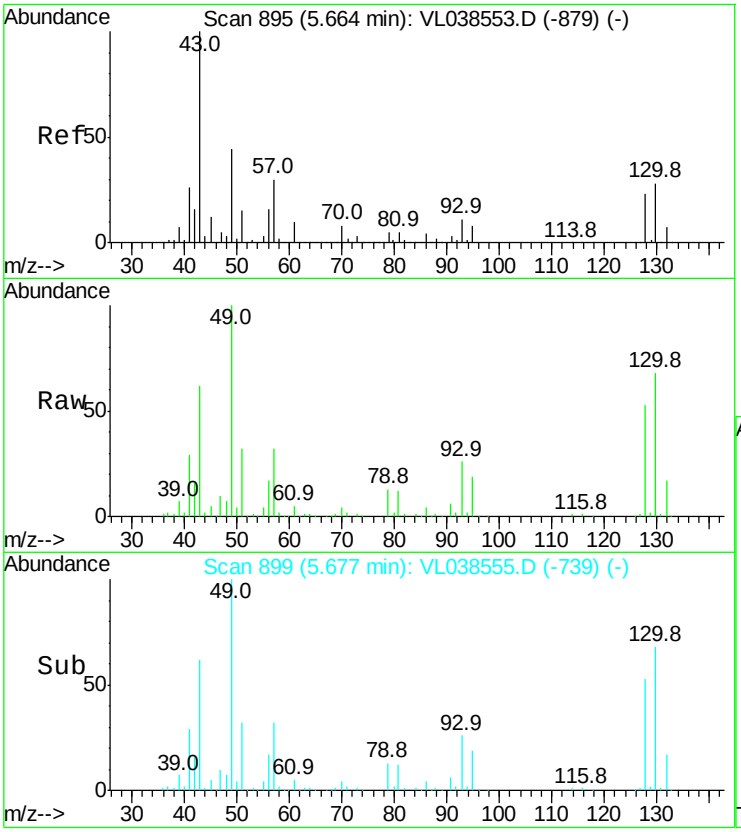


#24
1,1-Dichloroethane
Concen: 0.93 ppbv
RT: 5.00 min Scan# 689
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 63 Resp: 85971

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.2	6.6
100	3.6	1.5	4.5



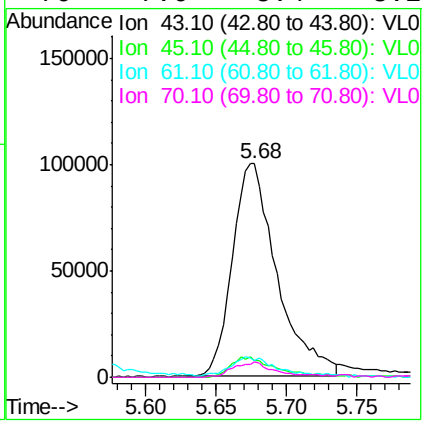


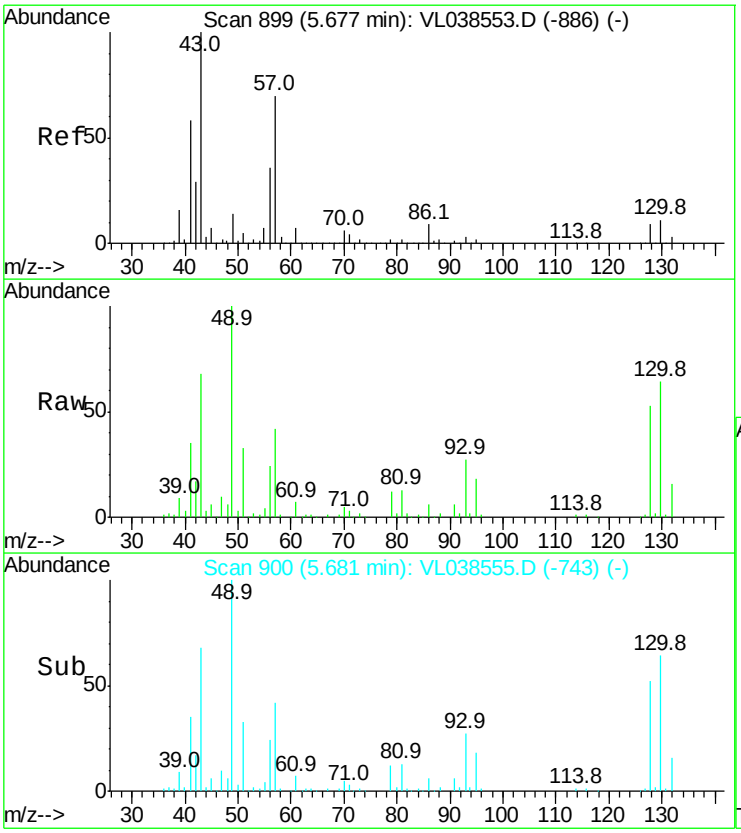
#25
Ethyl Acetate
Concen: 1.08 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 223431

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	11.4	8.2	12.4
70	7.6	5.4	8.2

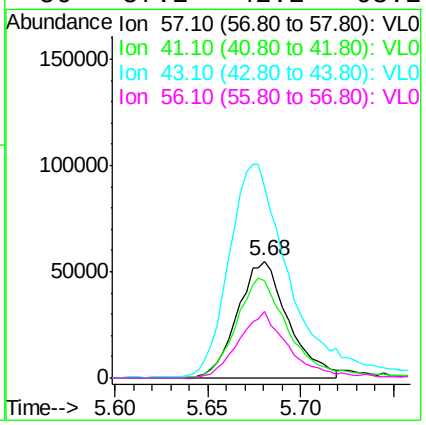


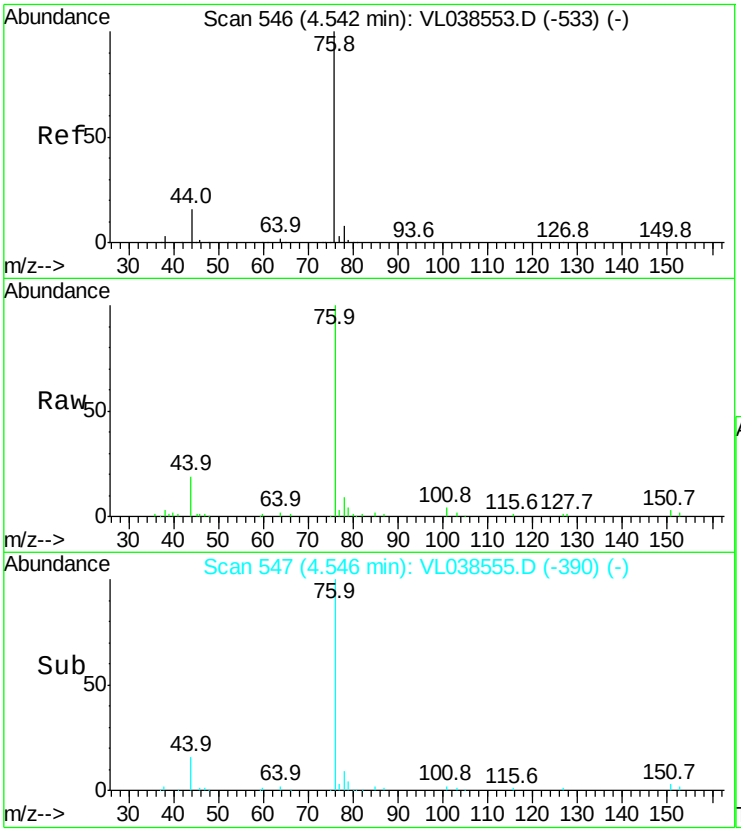


#26
Hexane
Concen: 1.11 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 57 Resp: 104032

Ion	Ratio	Lower	Upper
57	100		
41	92.2	67.8	101.6
43	229.5	173.6	260.4
56	57.2	42.2	63.2



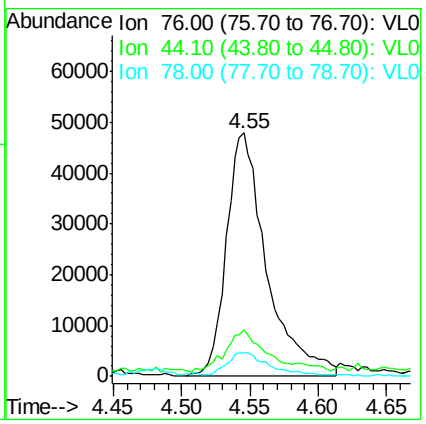


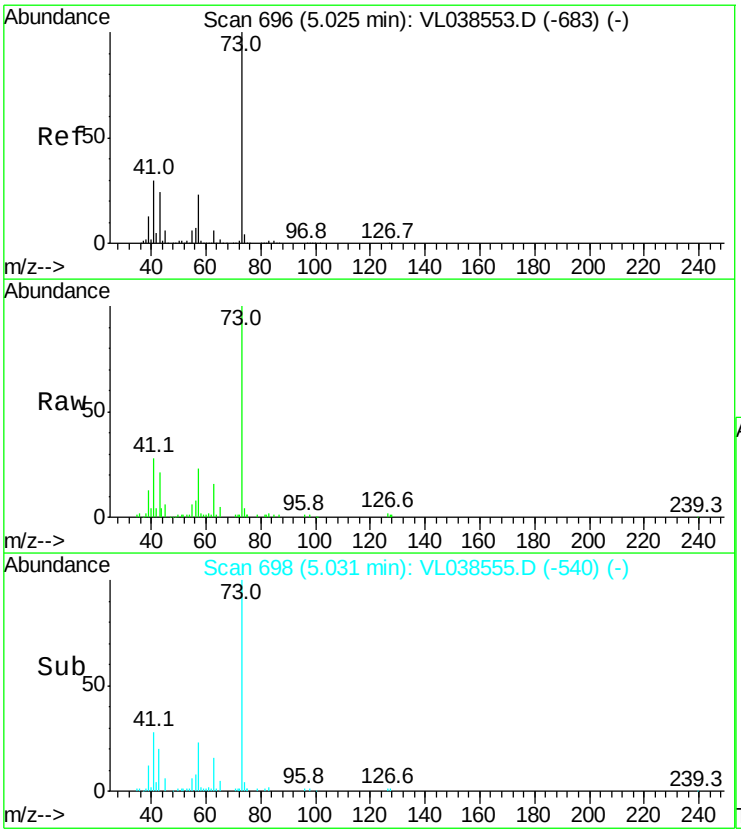
#27
Carbon Disulfide
Concen: 0.94 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 98358

Ion	Ratio	Lower	Upper
76	100		
44	19.4	12.9	19.3#
78	11.1	7.8	11.6

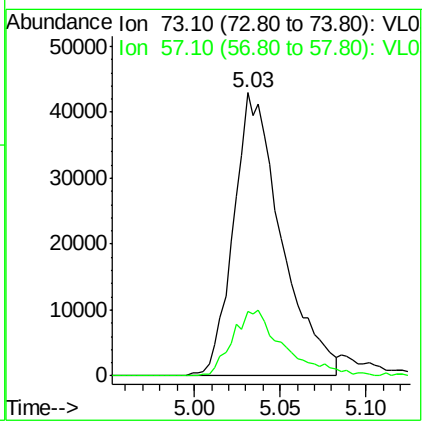


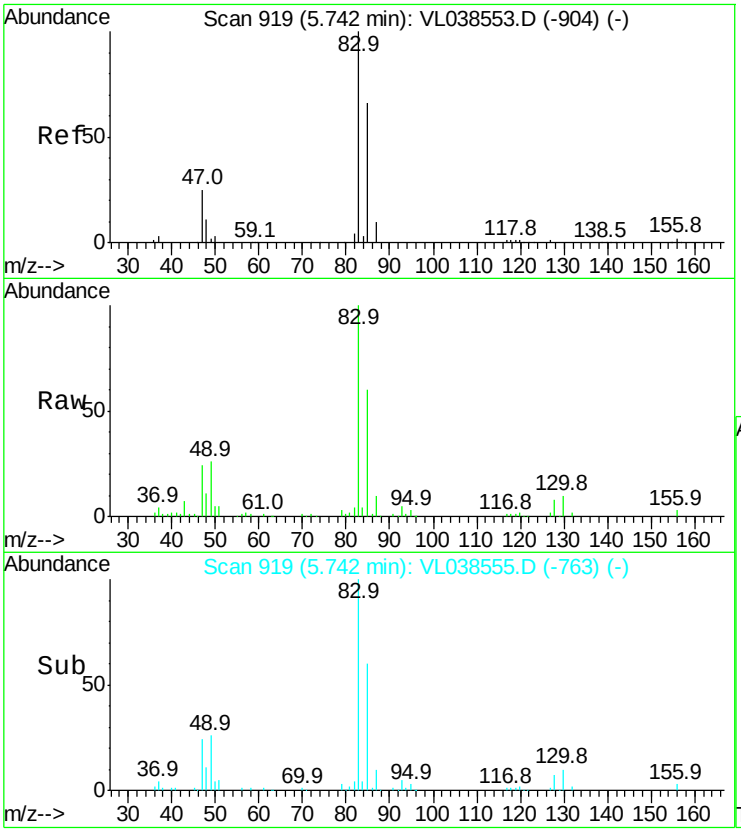


#28
Methyl tert-Butyl Ether
Concen: 0.87 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 73 Resp: 83240

Ion	Ratio	Lower	Upper
73	100		
57	25.4	18.8	28.2



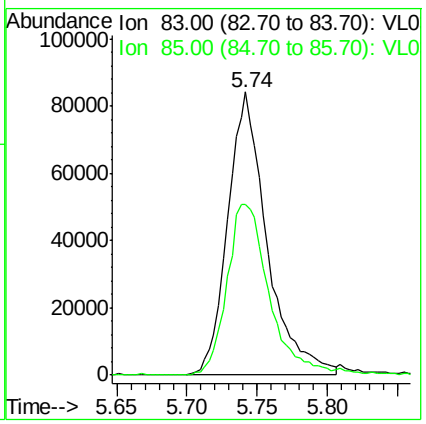


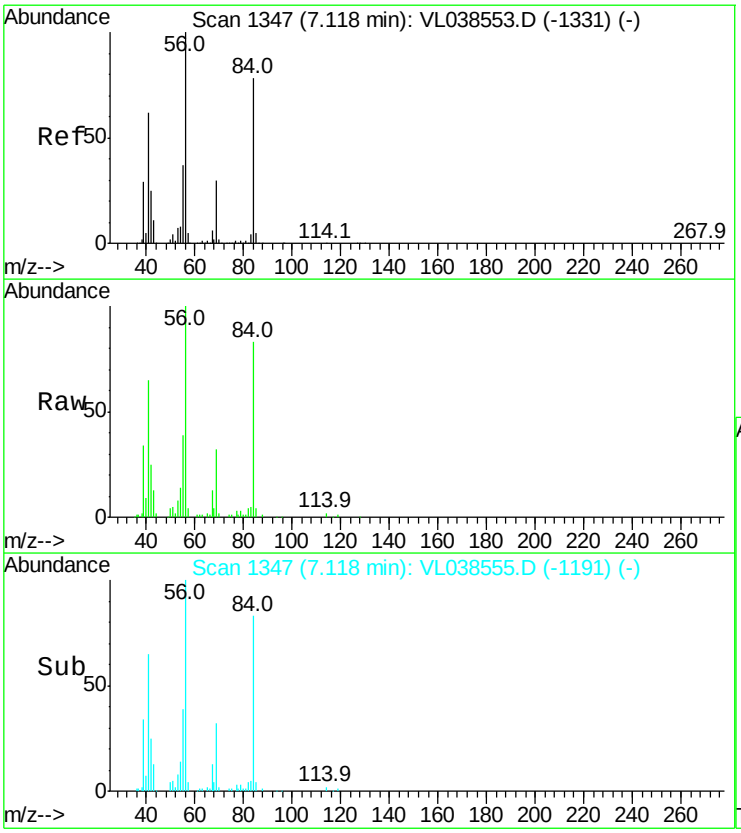
#29
Chloroform
Concen: 1.06 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 163055

Ion	Ratio	Lower	Upper
83	100		
85	60.3	52.8	79.2

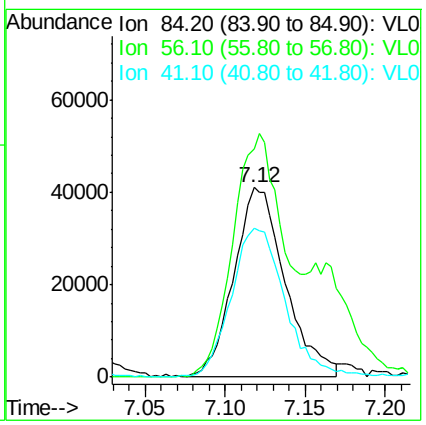


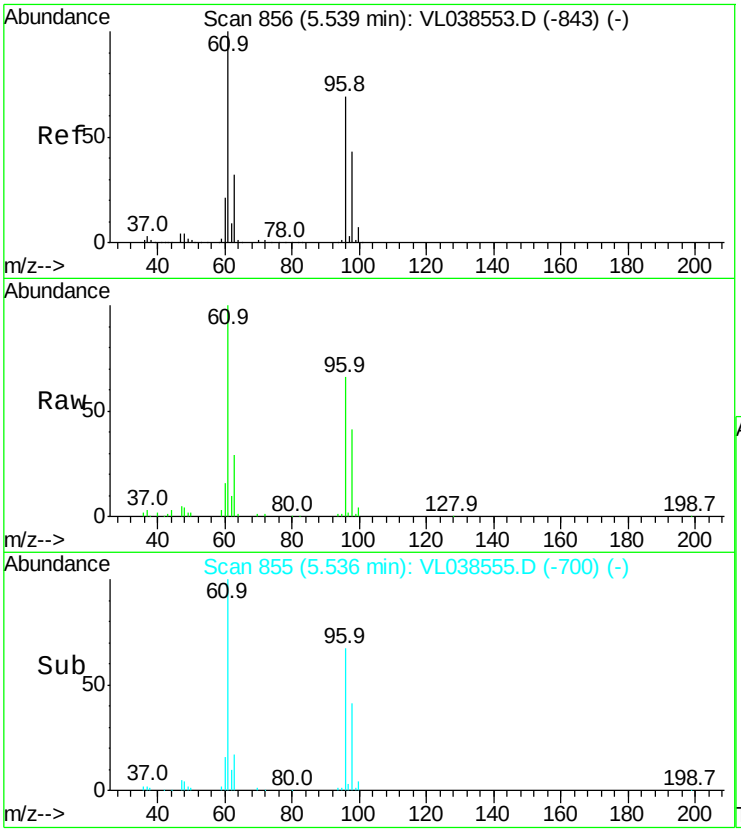


#30
Cyclohexane
Concen: 1.17 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 84 Resp: 90006

Ion	Ratio	Lower	Upper
84	100		
56	181.2	111.4	167.0#
41	83.3	65.5	98.3



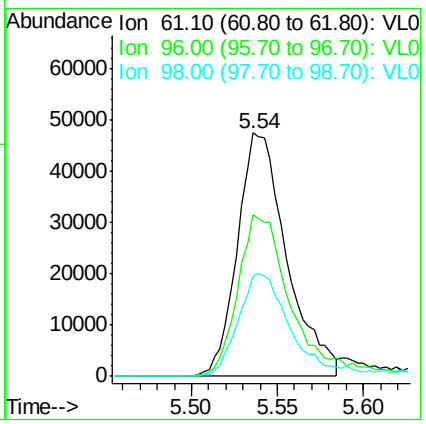


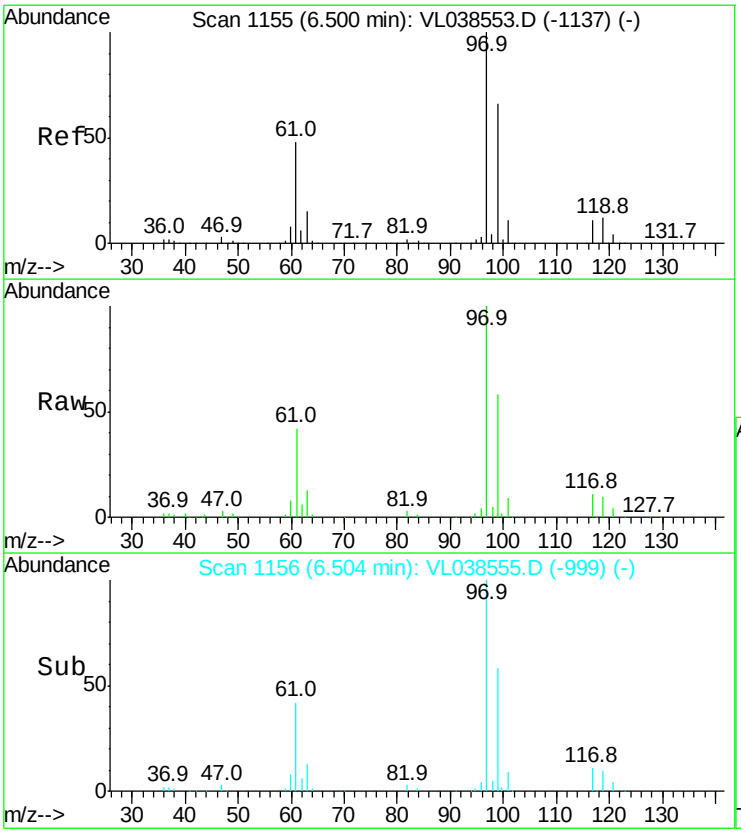
#31
cis-1,2-Dichloroethene
Concen: 1.04 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 94671

Ion	Ratio	Lower	Upper
61	100		
96	66.2	55.2	82.8
98	40.9	34.2	51.4

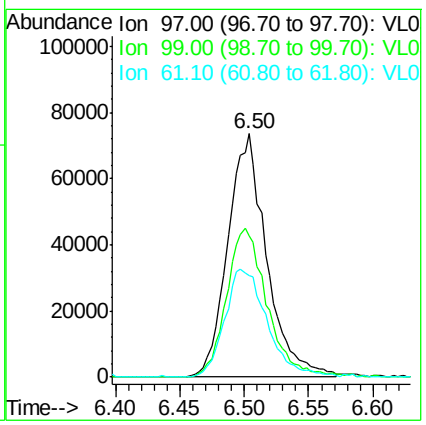


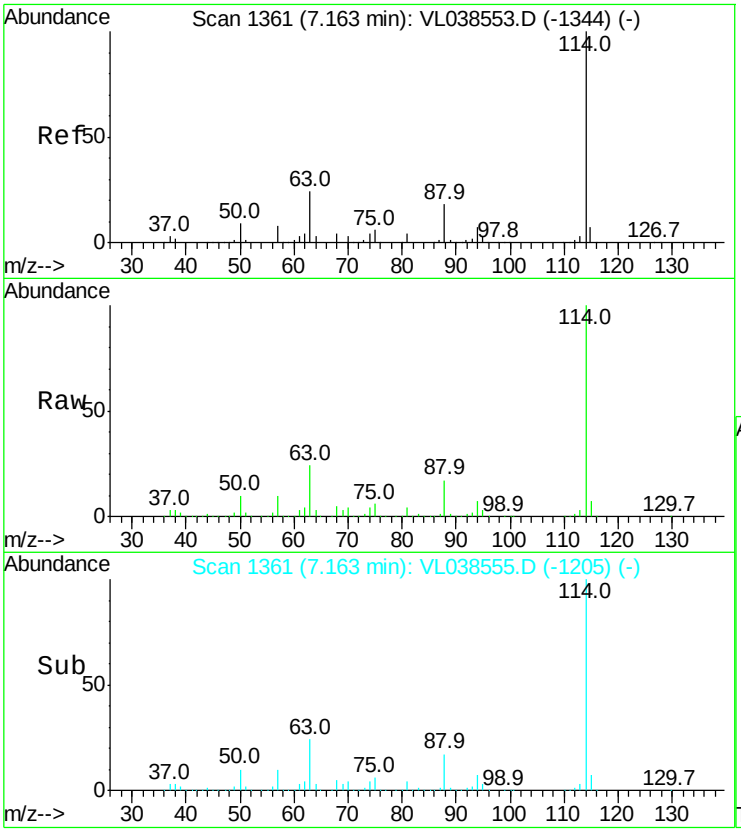


#32
1,1,1-Trichloroethane
Concen: 1.00 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 97 Resp: 154163

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	49.1	37.7	56.5



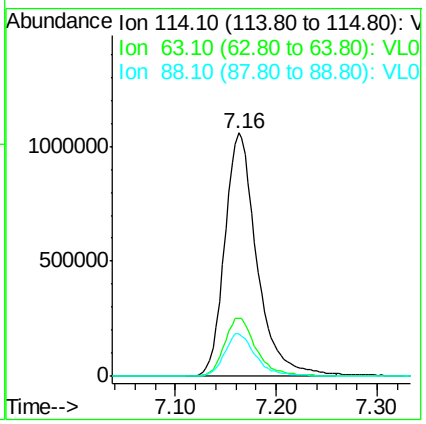


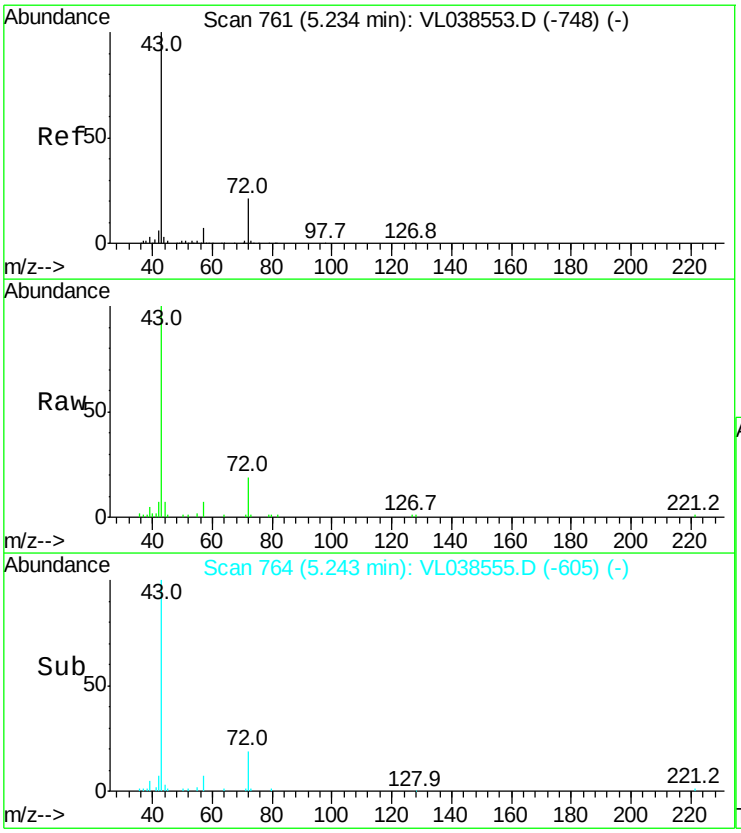
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 2353909

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.4	13.9	20.9

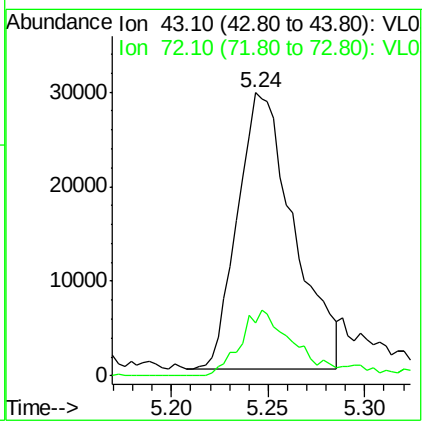


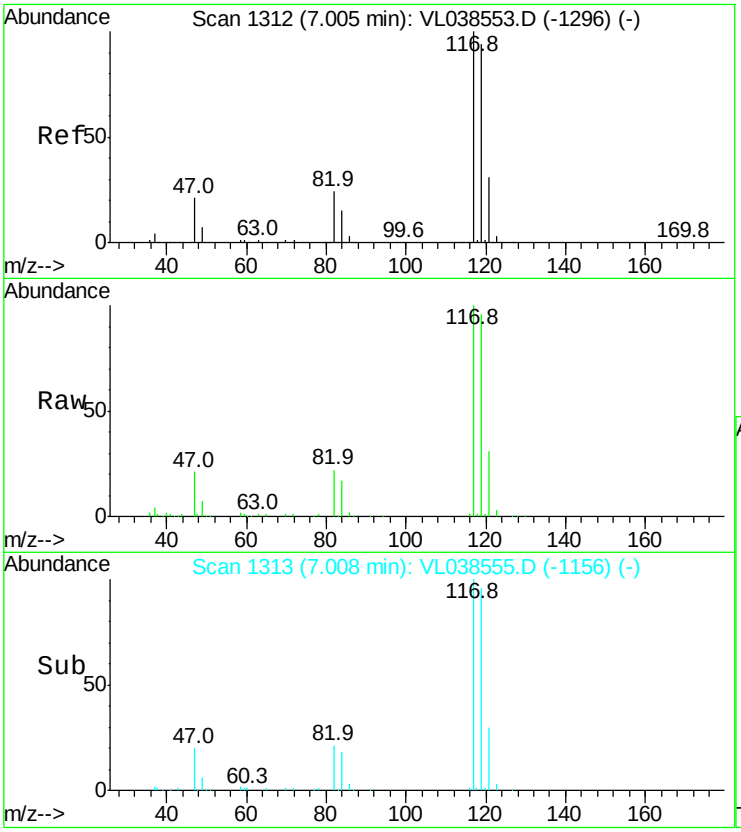


#34
2-Butanone
Concen: 0.80 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 43 Resp: 58977

Ion	Ratio	Lower	Upper
43	100		
72	26.0	17.8	26.6



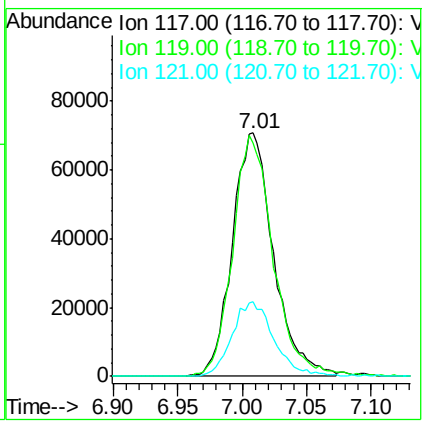


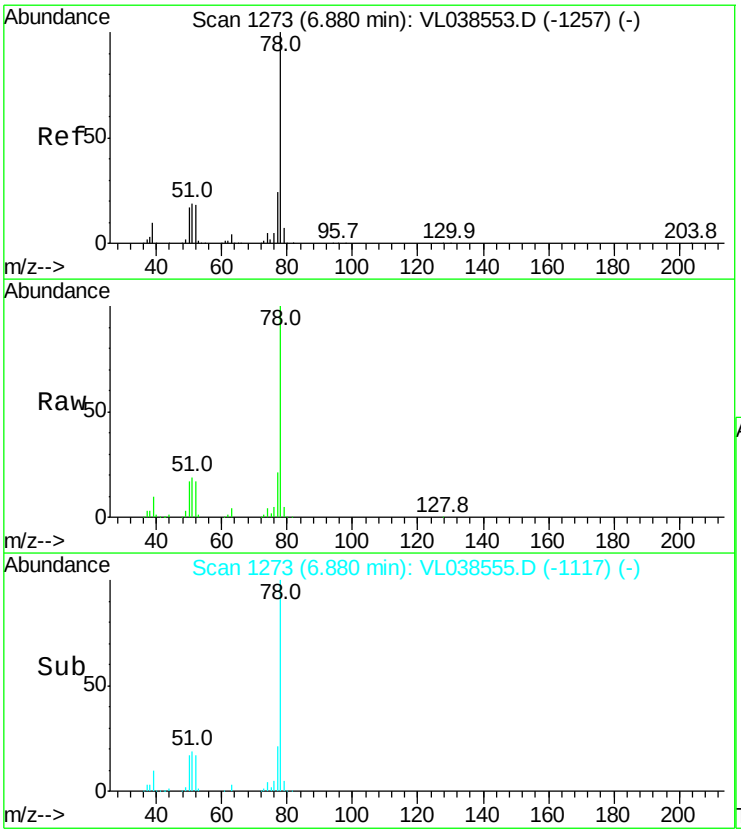
#35
Carbon Tetrachloride
Concen: 0.95 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 157327

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.2	112.8
121	30.6	24.8	37.2

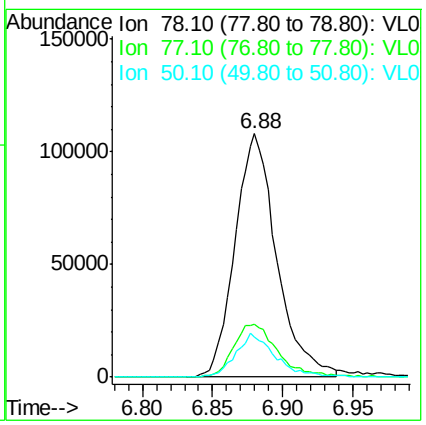


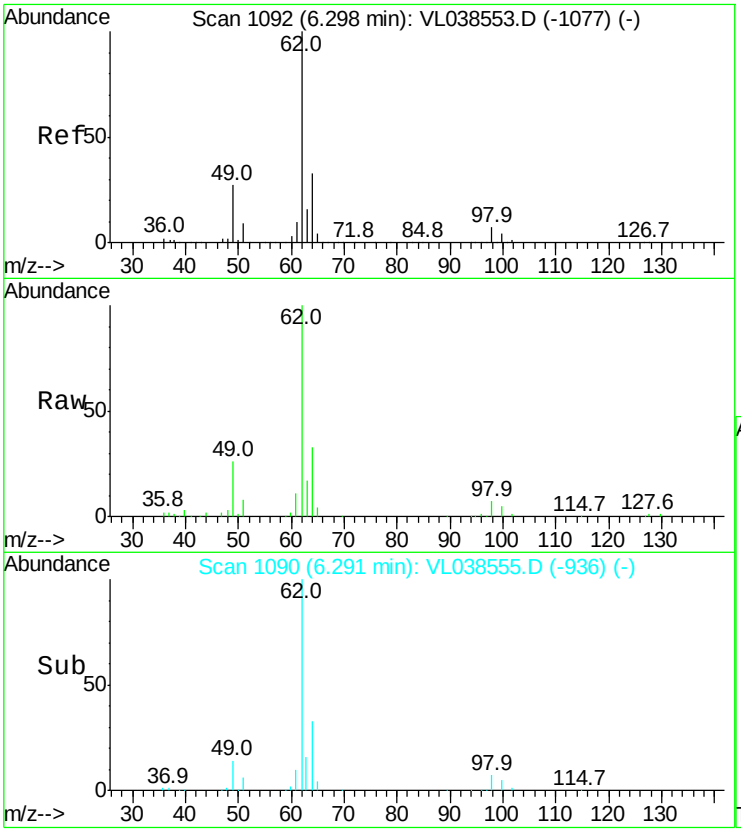


#36
Benzene
Concen: 1.08 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 78 Resp: 223756

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.0	28.4
50	16.6	13.9	20.9



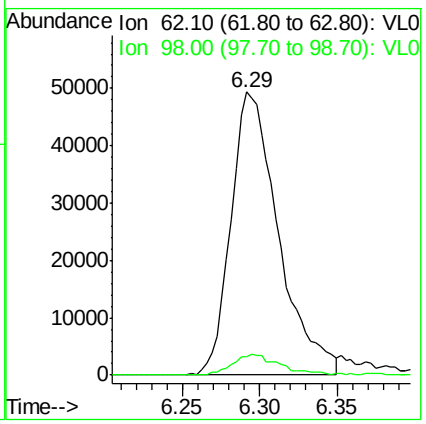


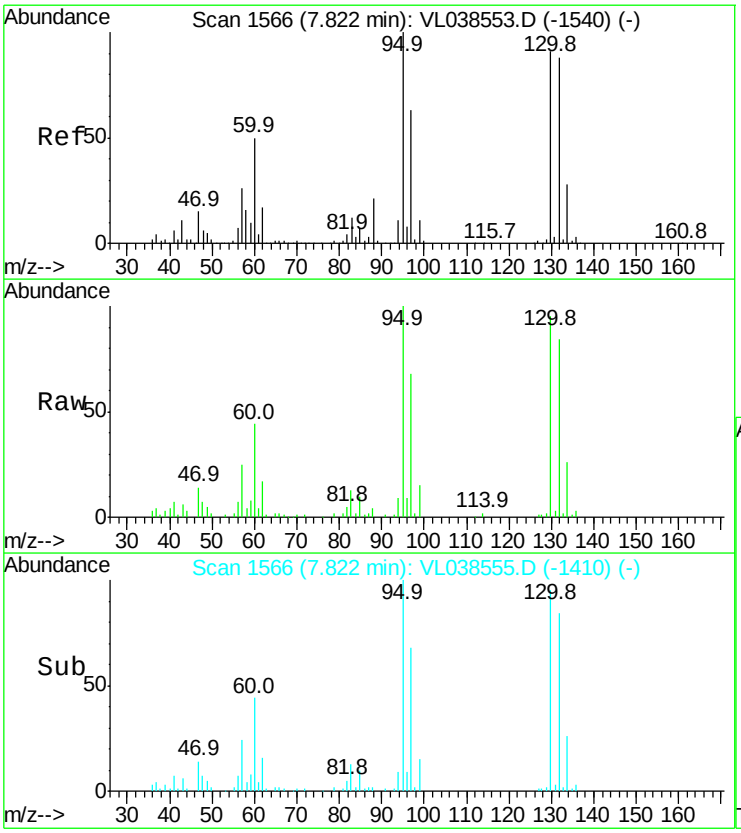
#37
1,2-Dichloroethane
Concen: 0.88 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 105461

Ion	Ratio	Lower	Upper
62	100		
98	7.4	5.7	8.5

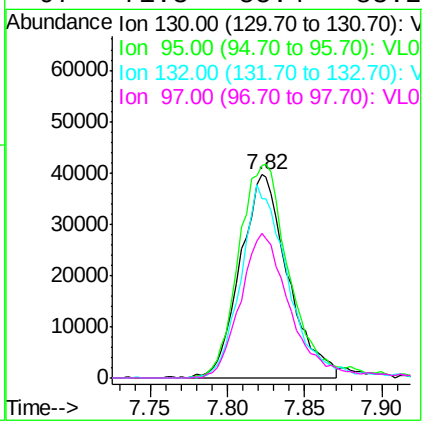


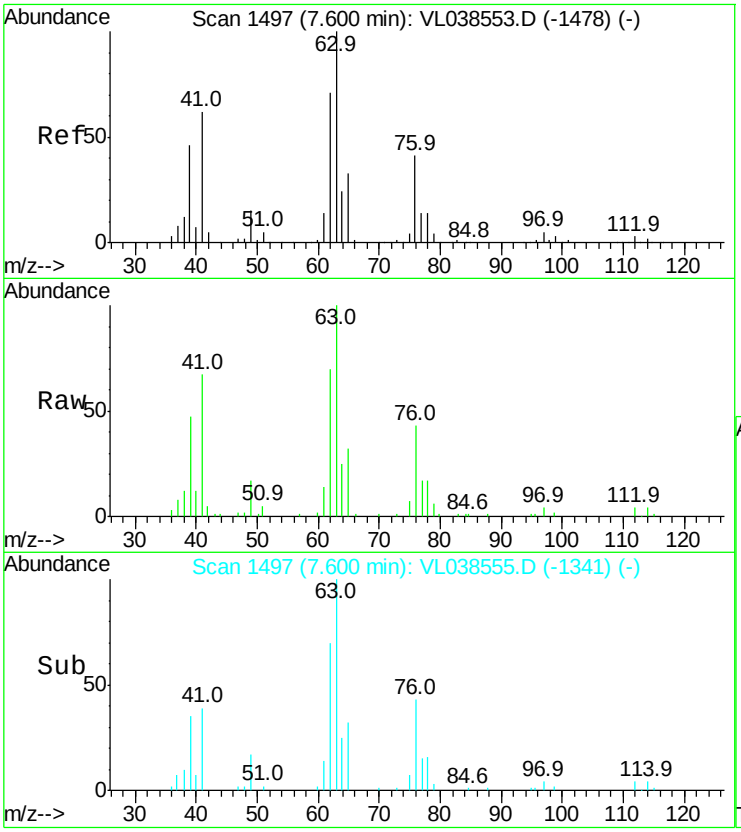


#38
Trichloroethene
Concen: 1.12 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:130 Resp: 84664

Ion	Ratio	Lower	Upper
130	100		
95	104.8	87.8	131.8
132	88.2	77.5	116.3
97	71.3	55.4	83.2



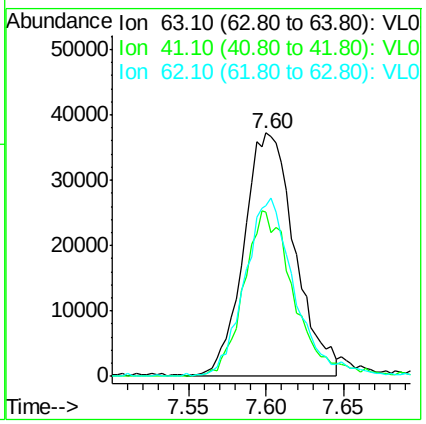


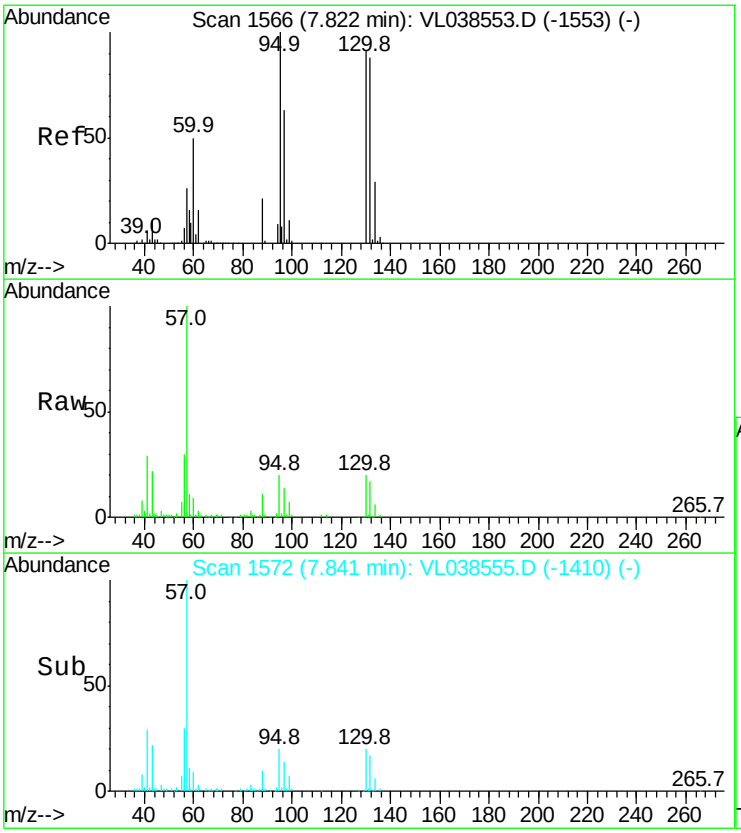
#39
1,2-Dichloropropane
Concen: 1.04 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 85756

Ion	Ratio	Lower	Upper
63	100		
41	67.3	49.8	74.6
62	69.2	56.7	85.1

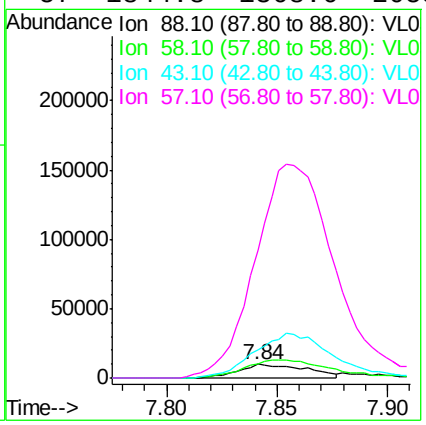


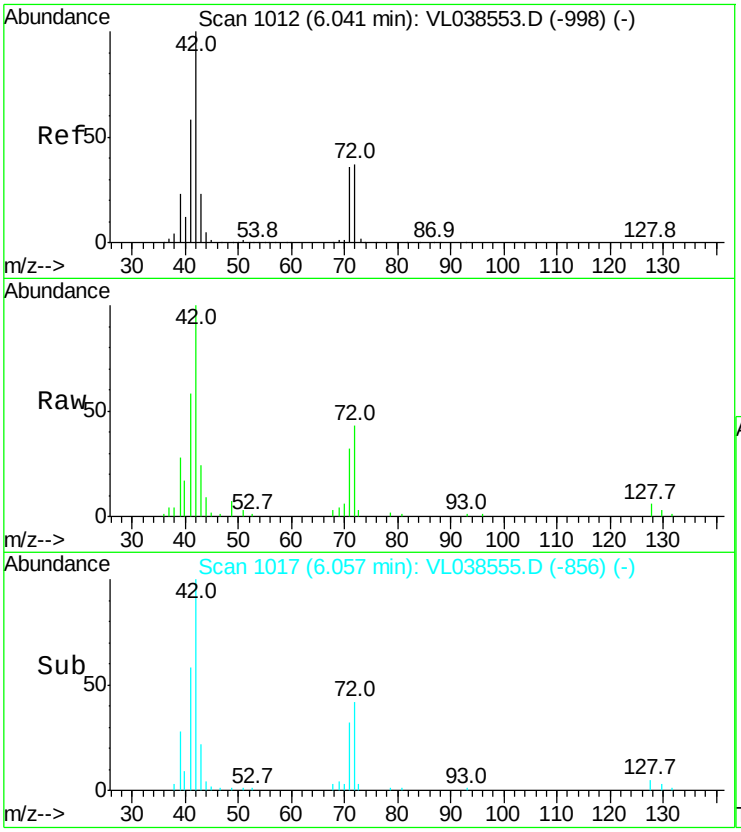


#40
1,4-Dioxane
Concen: 1.09 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 88 Resp: 21329

Ion	Ratio	Lower	Upper
88	100		
58	178.0	126.7	190.1
43	380.9	303.0	454.6
57	1844.8	1368.6	2053.0



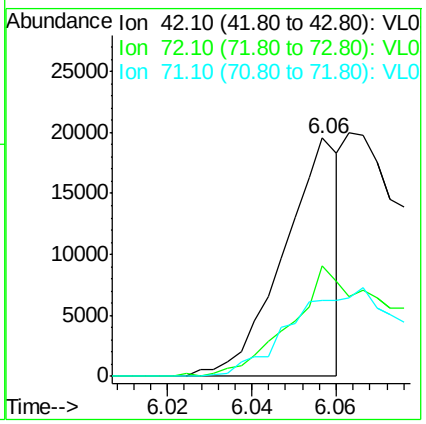


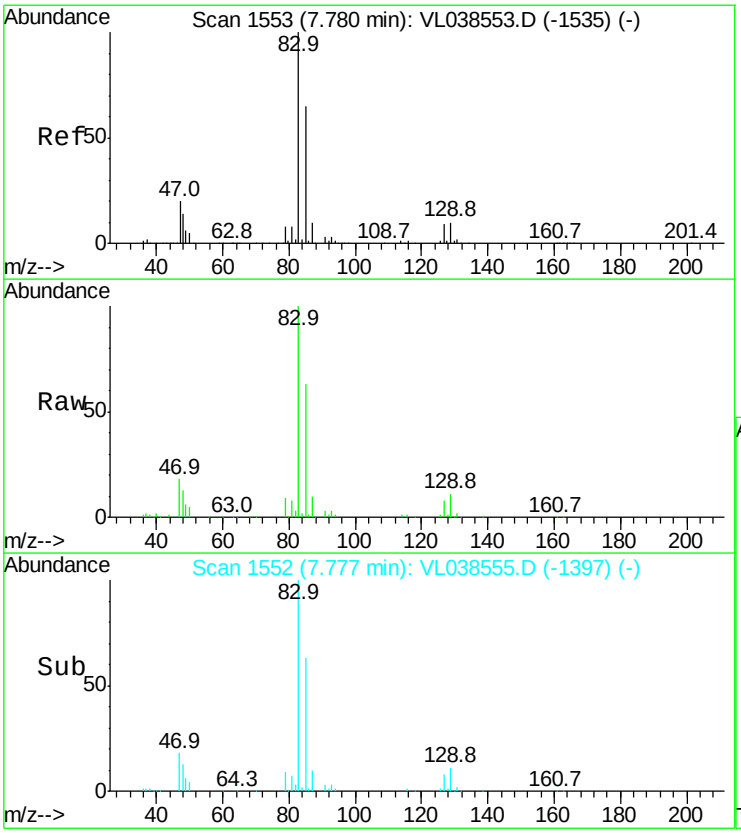
#41
Tetrahydrofuran
Concen: 0.36 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 17824

Ion	Ratio	Lower	Upper
42	100		
72	108.8	30.9	46.3#
71	0.0	29.1	43.7#

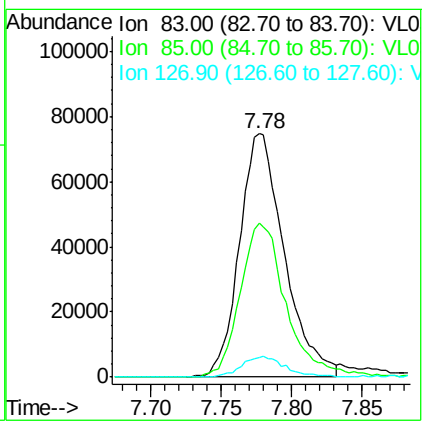


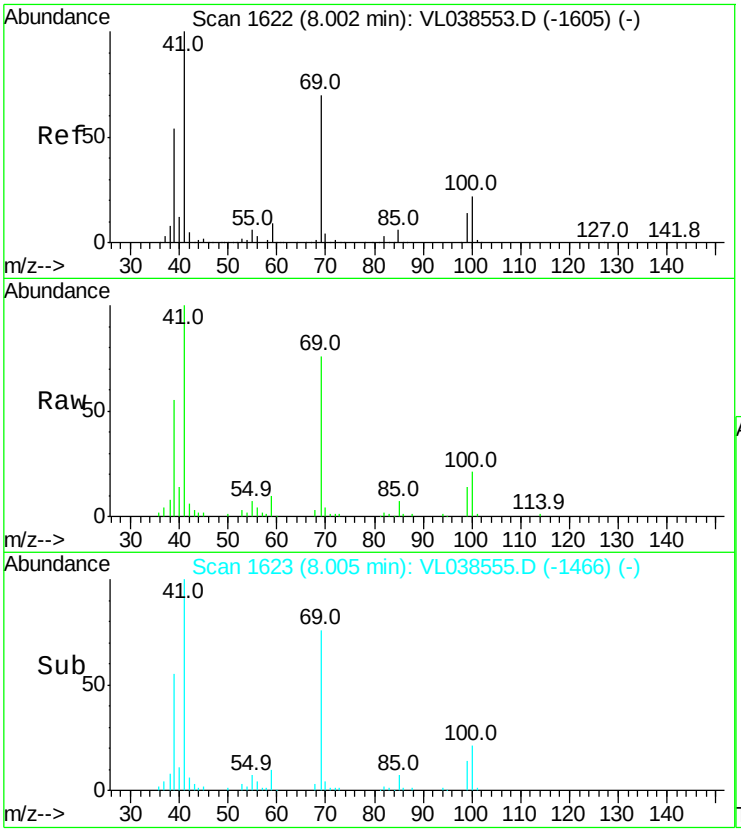


#42
Bromodichloromethane
Concen: 0.96 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 83 Resp: 166343

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.7	77.5
127	7.9	6.9	10.3



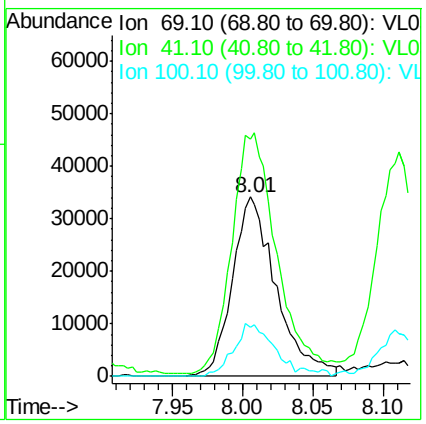


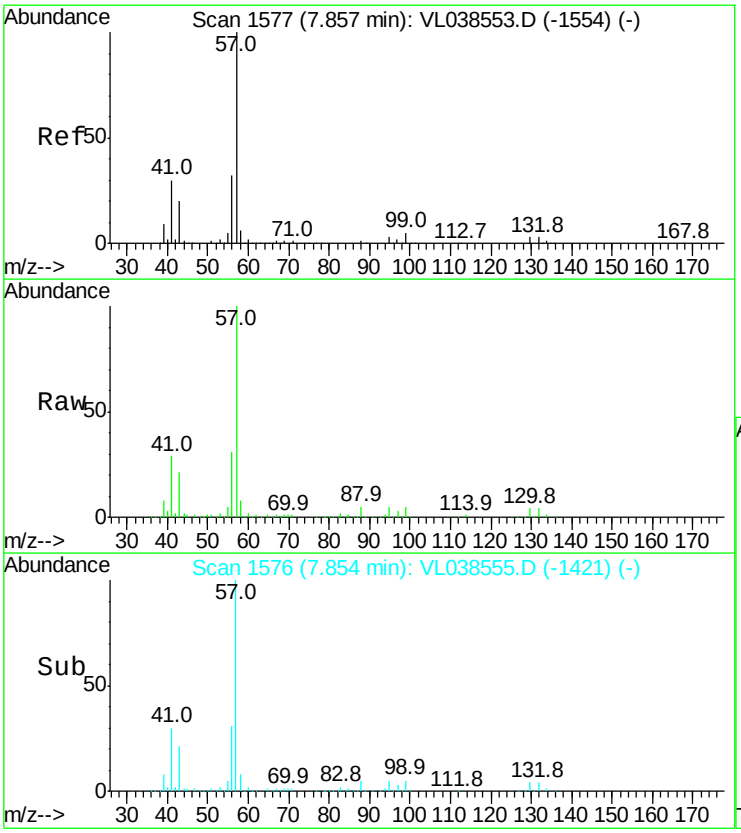
#43
Methyl Methacrylate
Concen: 1.03 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 74083

Ion	Ratio	Lower	Upper
69	100		
41	143.7	113.8	170.6
100	29.4	24.4	36.6

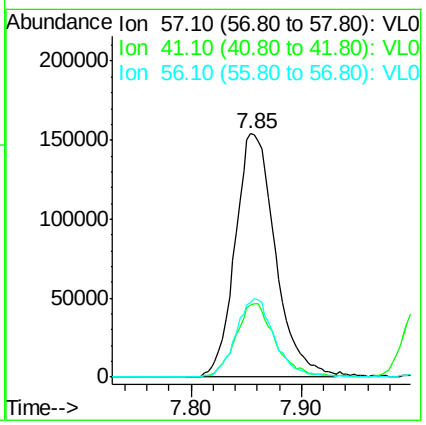


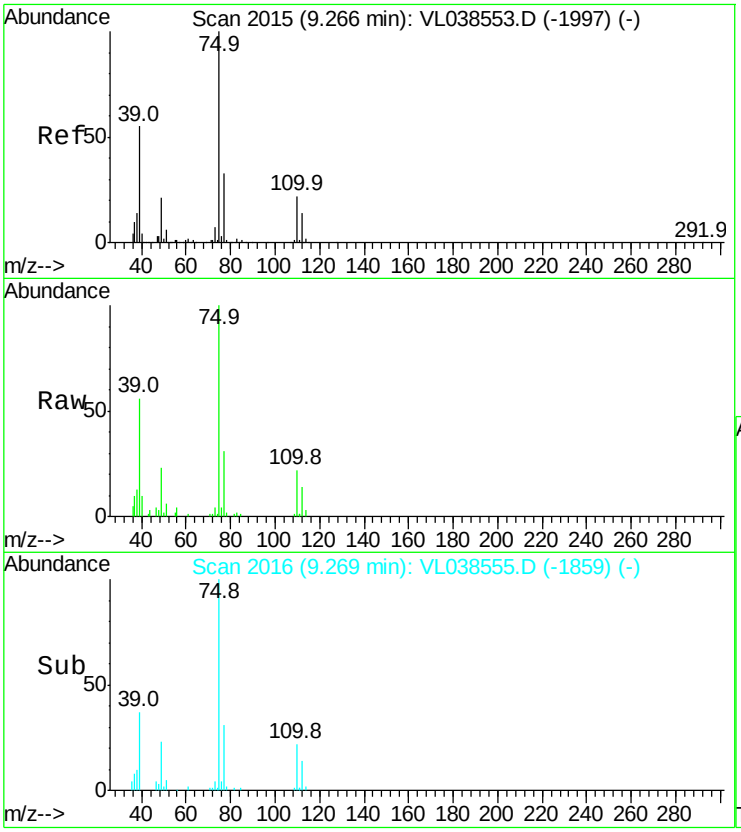


#44
2,2,4-Trimethylpentane
Concen: 1.09 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 57 Resp: 389592

Ion	Ratio	Lower	Upper
57	100		
41	29.9	24.0	36.0
56	31.1	25.6	38.4



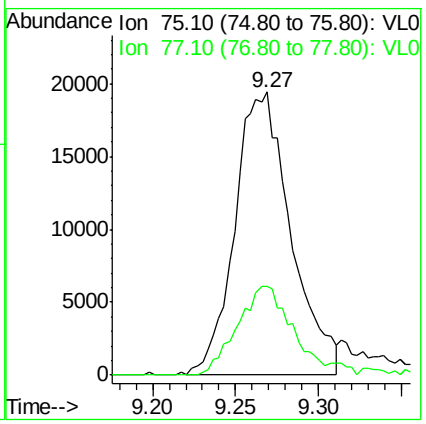


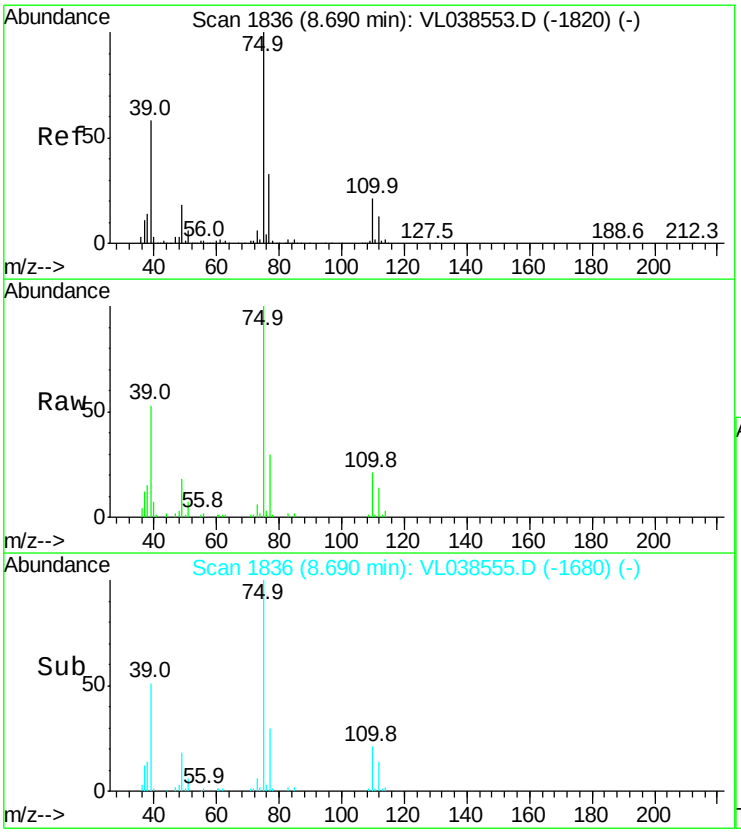
#45
t-1,3-Dichloropropene
Concen: 0.79 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 45741

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.6	40.0

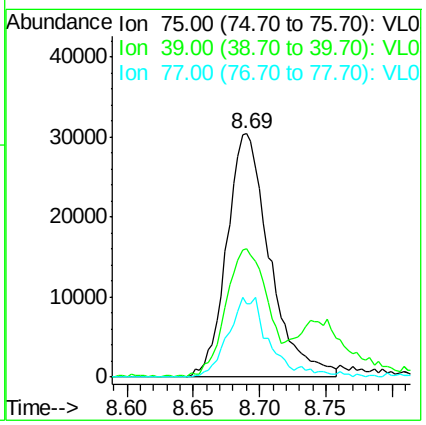


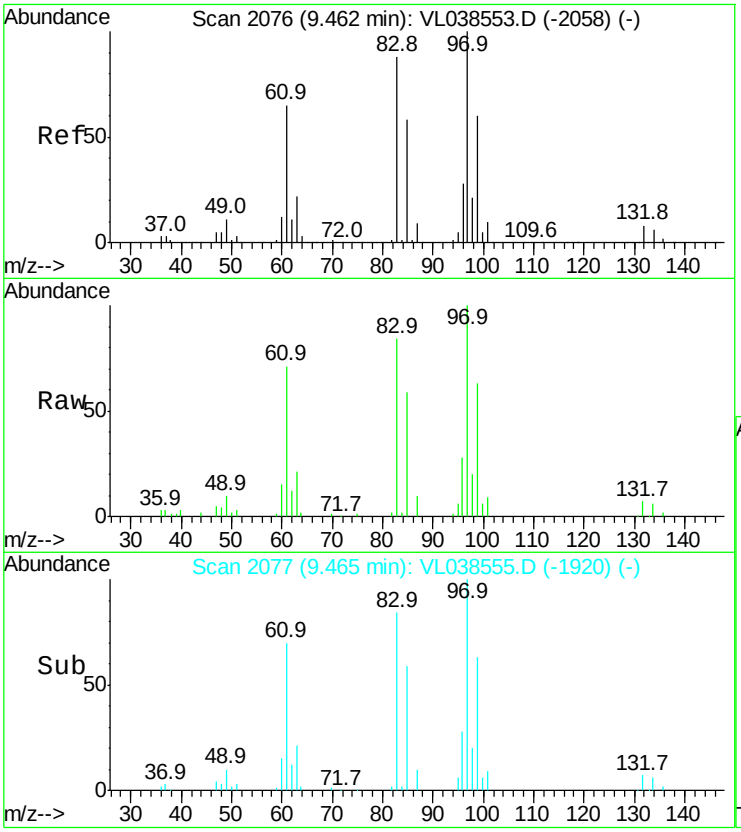


#46
cis-1,3-Dichloropropene
Concen: 0.91 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 75 Resp: 68776

Ion	Ratio	Lower	Upper
75	100		
39	52.6	46.2	69.2
77	30.3	26.2	39.2



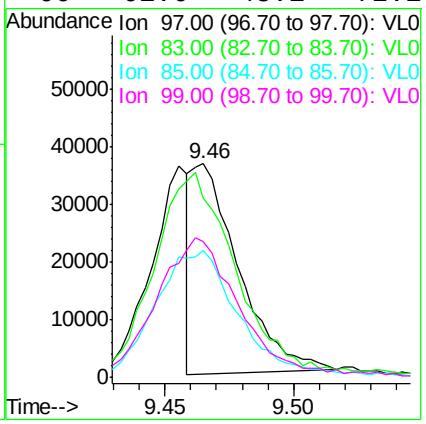


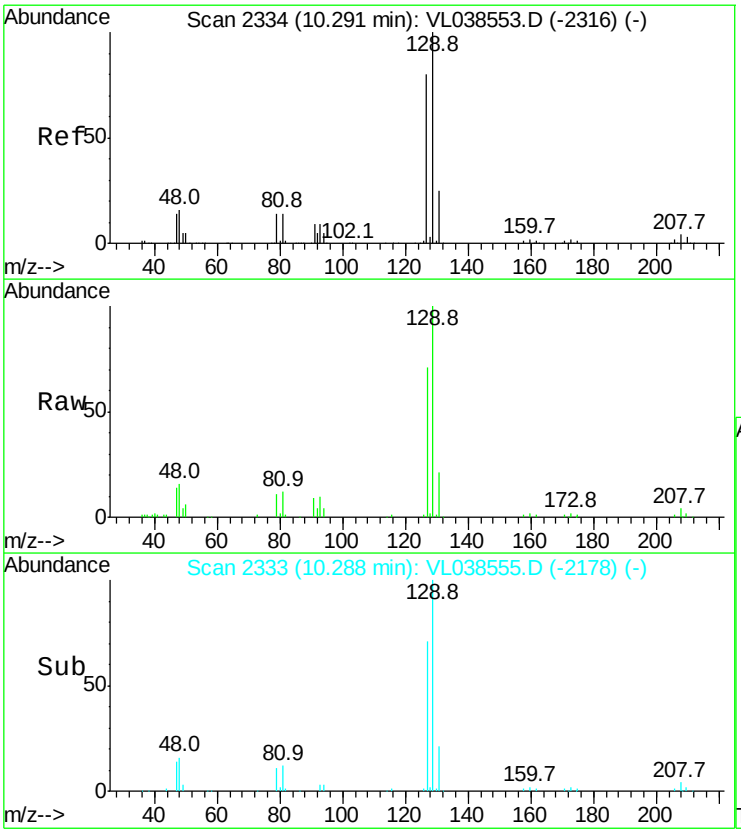
#47
1,1,2-Trichloroethane
Concen: 0.55 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 45378

Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.1	105.1
85	58.7	46.6	69.8
99	61.6	48.1	72.1

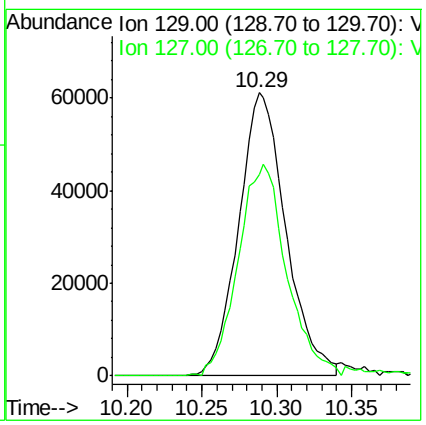


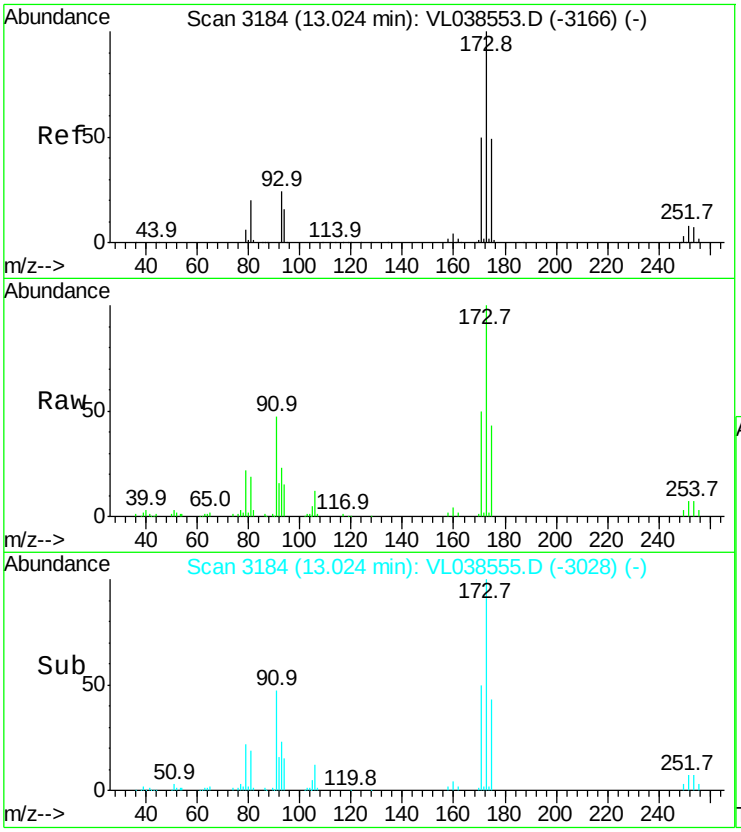


#48
Dibromochloromethane
Concen: 1.00 ppbv
RT: 10.29 min Scan# 2333
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:129 Resp: 134431

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.5	118.3



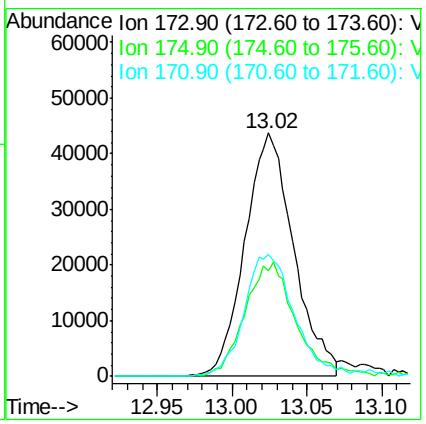


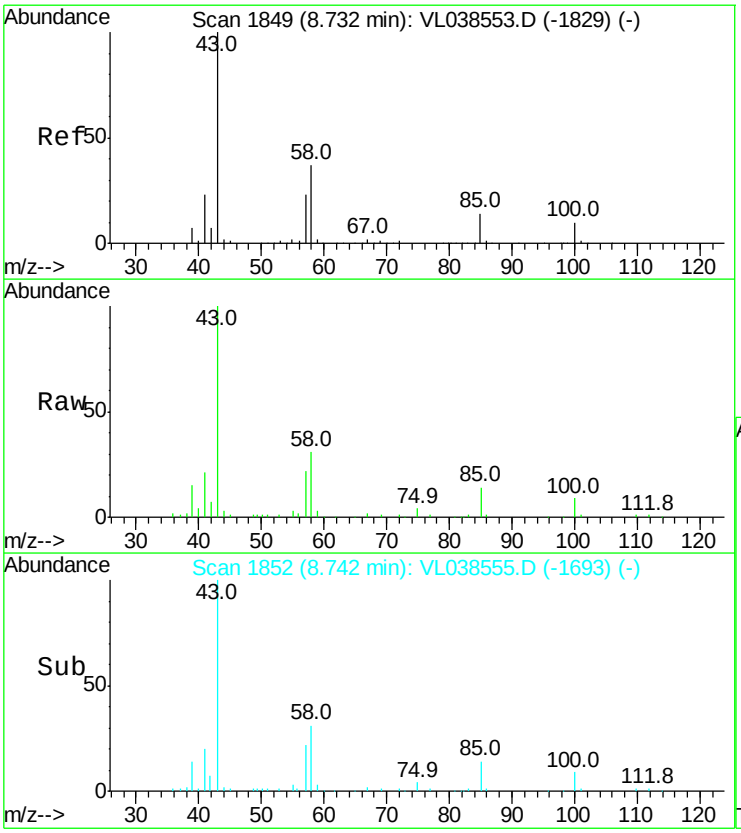
#49
Bromoform
Concen: 1.00 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 99149

Ion	Ratio	Lower	Upper
173	100		
175	49.3	40.7	61.1
171	52.8	42.9	64.3

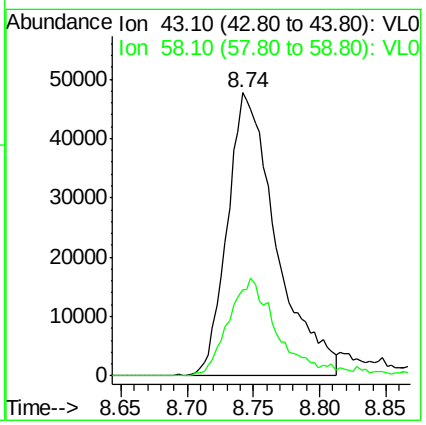


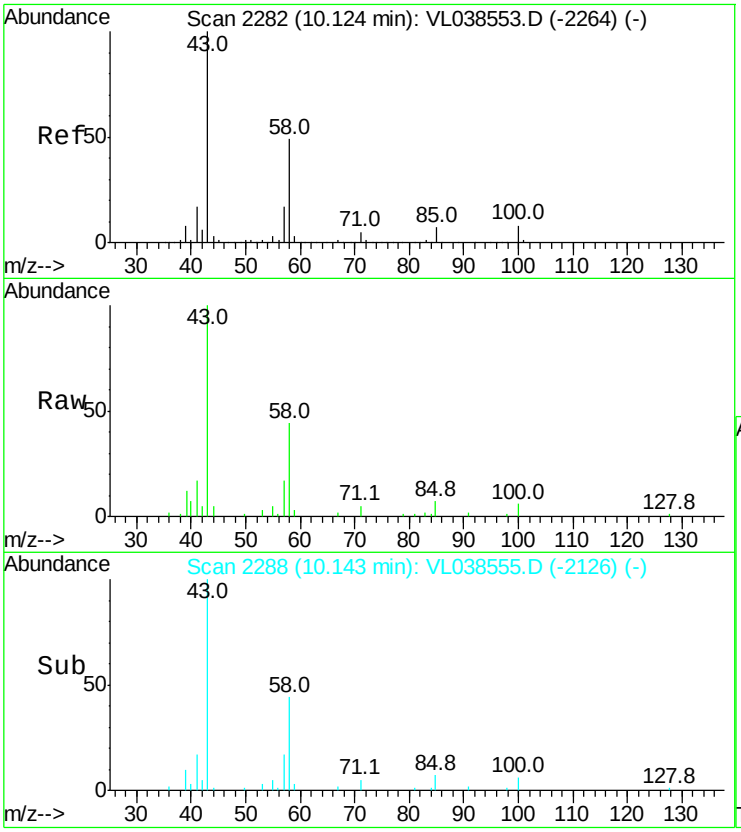


#50
4-Methyl-2-Pentanone
Concen: 0.94 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 43 Resp: 122695

Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.2	43.8



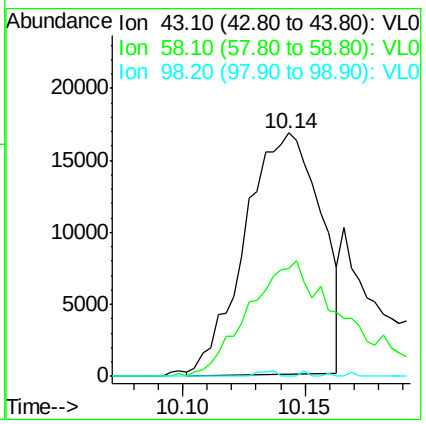


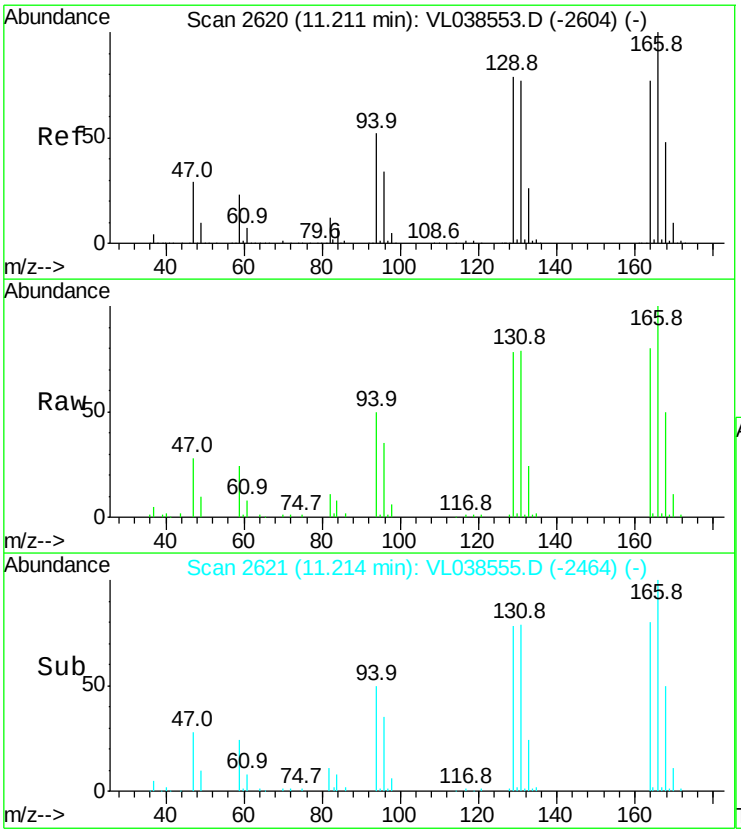
#51
2-Hexanone
Concen: 0.62 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 36095

Ion	Ratio	Lower	Upper
43	100		
58	65.6	40.1	60.1#
98	0.7	0.4	0.6#

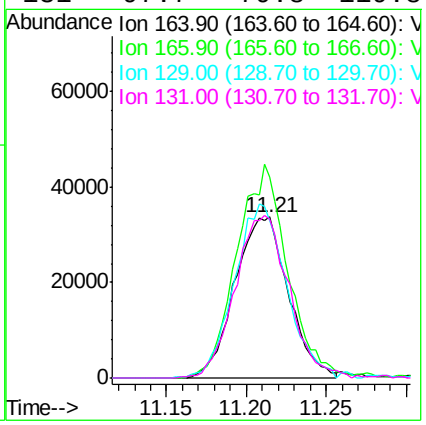


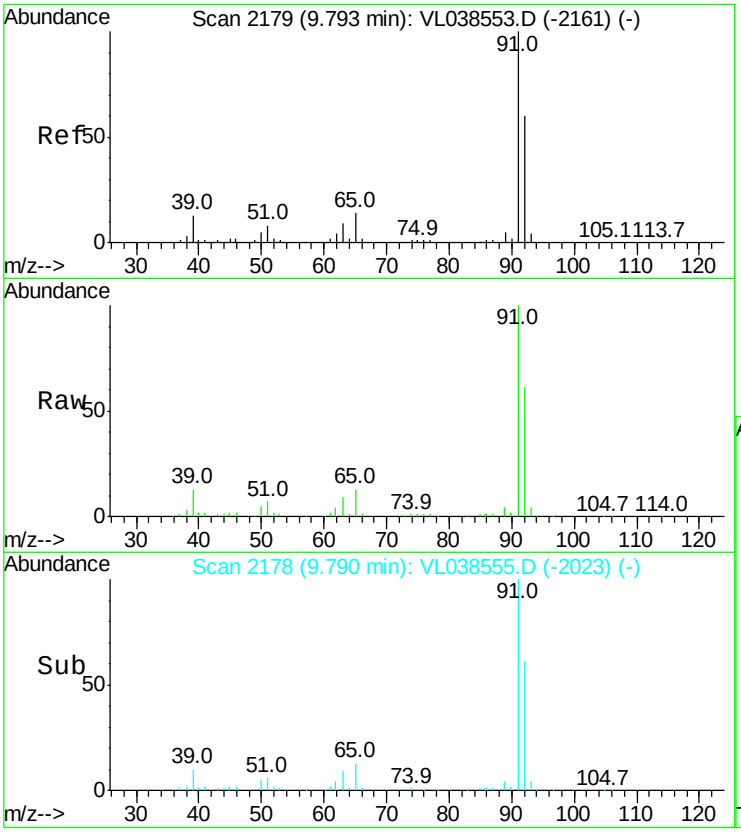


#52
Tetrachloroethene
Concen: 1.12 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:164 Resp: 77371

Ion	Ratio	Lower	Upper
164	100		
166	123.5	103.4	155.2
129	97.3	81.3	121.9
131	97.7	79.8	119.8



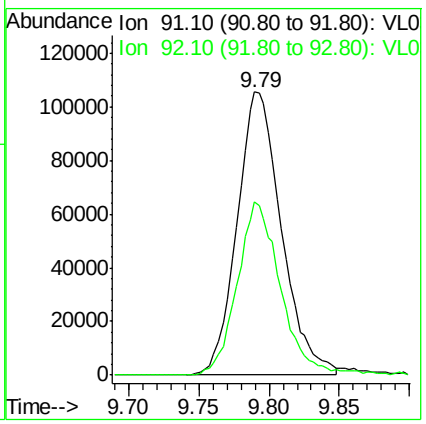


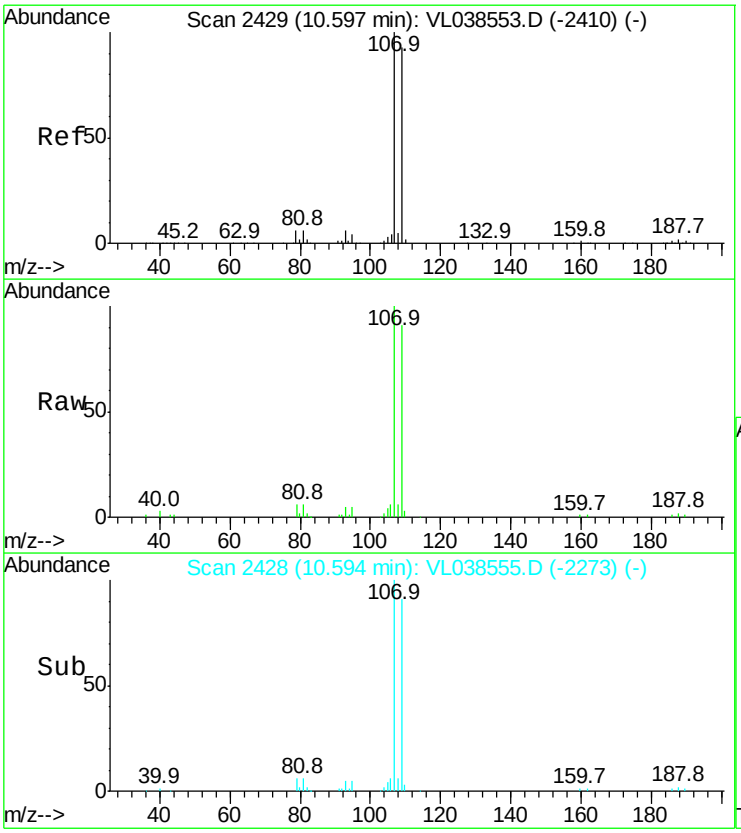
#53
Toluene
Concen: 1.04 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 232943

Ion	Ratio	Lower	Upper
91	100		
92	60.2	48.1	72.1

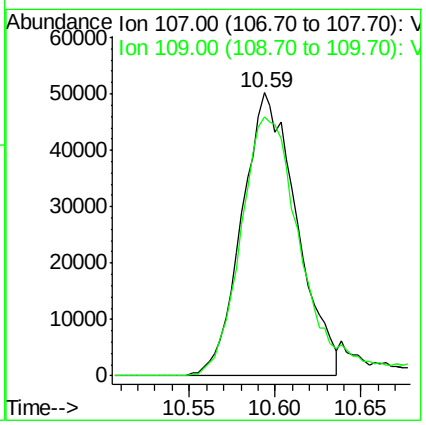


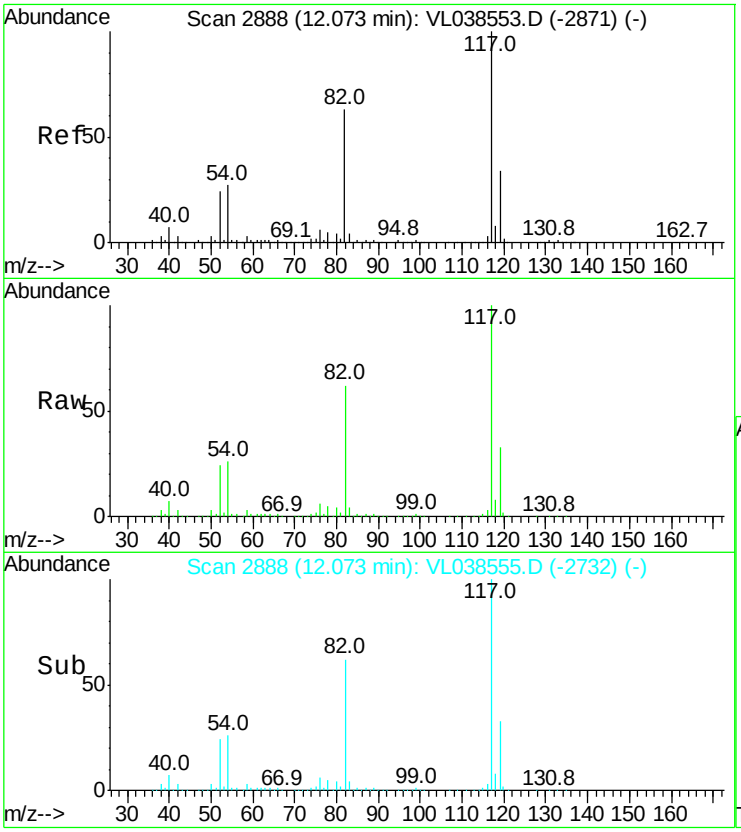


#54
1,2-Dibromoethane
Concen: 0.97 ppbv
RT: 10.59 min Scan# 2428
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:107 Resp: 111611

Ion	Ratio	Lower	Upper
107	100		
109	91.5	74.6	112.0



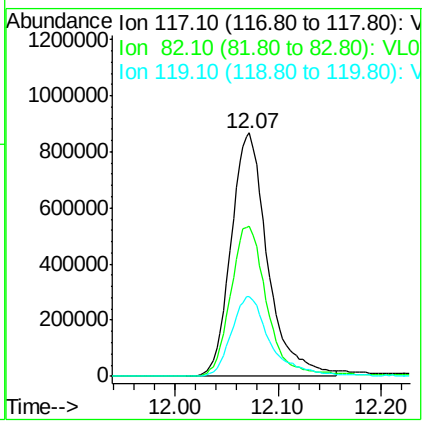


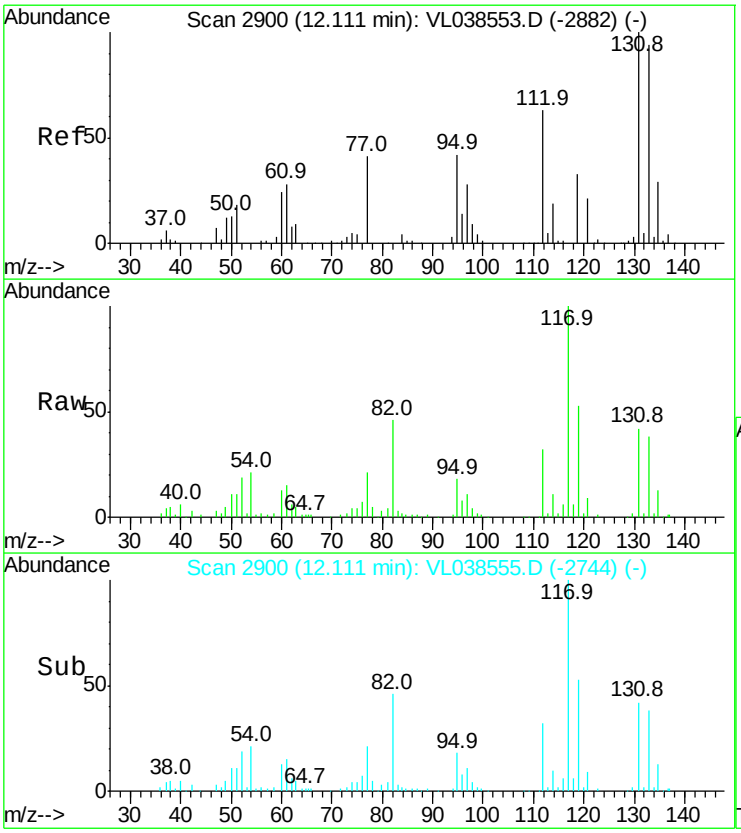
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 2141313

Ion	Ratio	Lower	Upper
117	100		
82	63.3	52.5	78.7
119	35.4	46.4	69.6#

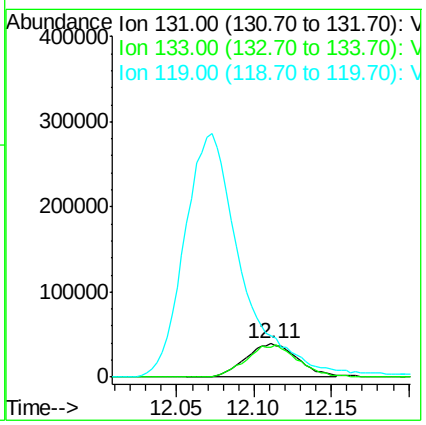


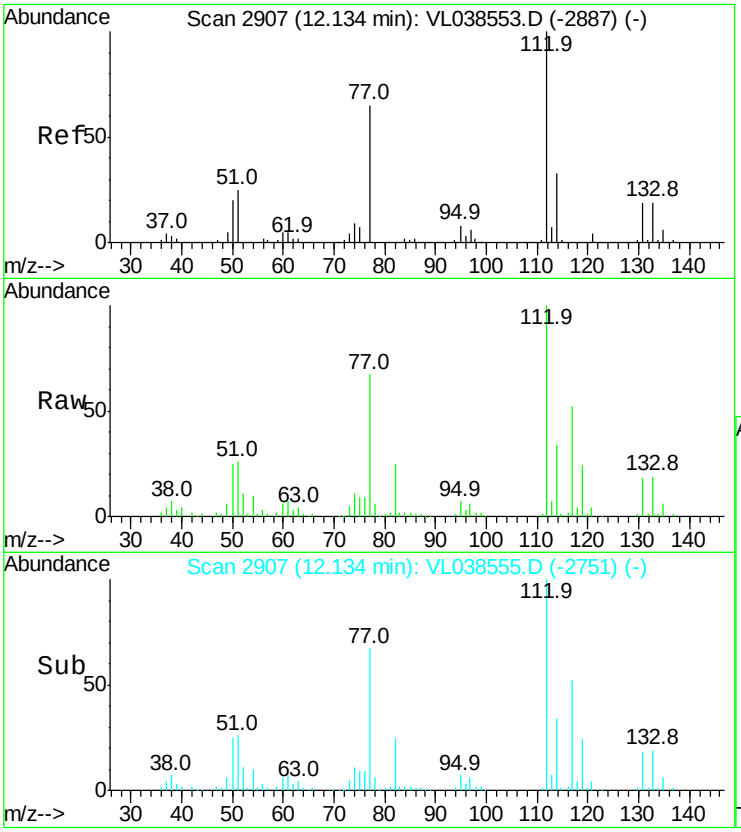


#56
1,1,1,2-Tetrachloroethane
Concen: 1.03 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:131 Resp: 92053

Ion	Ratio	Lower	Upper
131	100		
133	96.5	78.0	117.0
119	827.1	53.1	79.7#



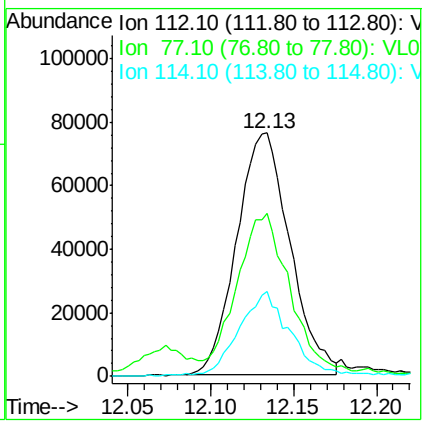


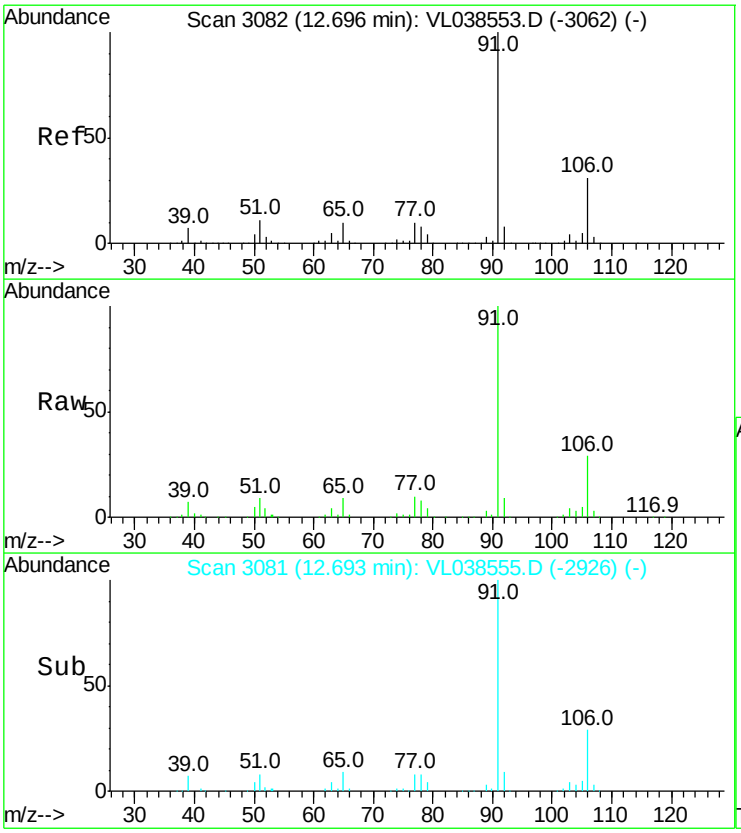
#57
Chlorobenzene
Concen: 1.03 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 170316

Ion	Ratio	Lower	Upper
112	100		
77	63.4	52.5	78.7
114	34.2	30.0	36.6

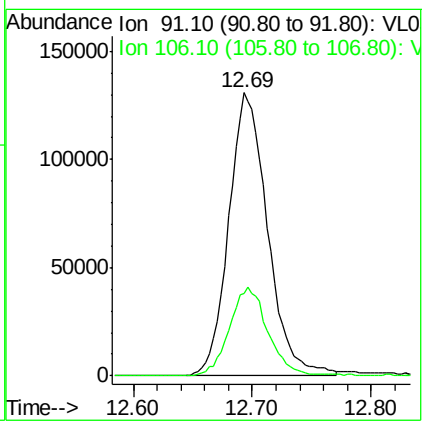


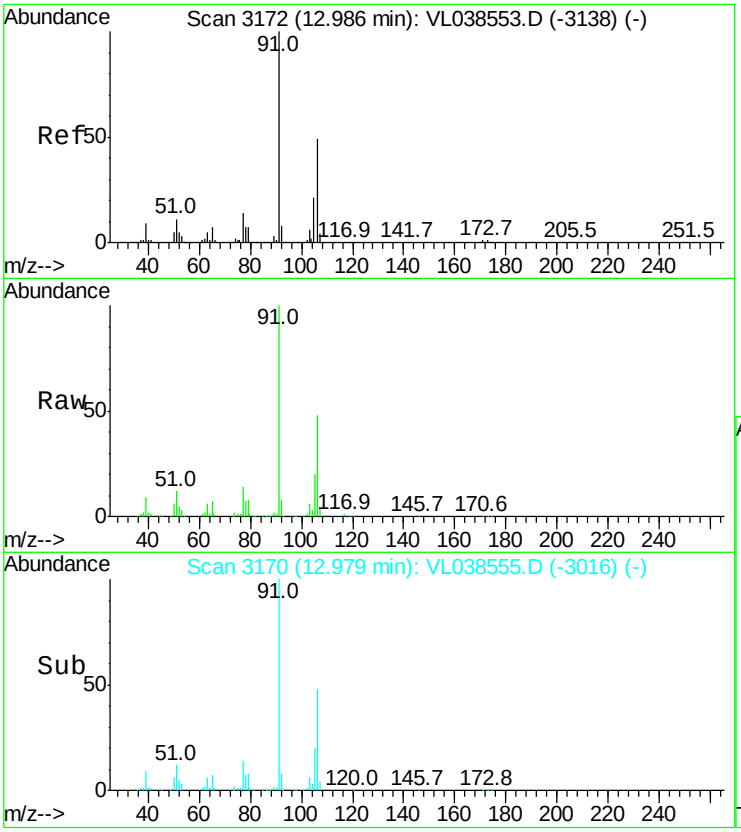


#58
Ethyl Benzene
Concen: 1.00 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 292929

Ion	Ratio	Lower	Upper
91	100		
106	29.1	24.6	37.0



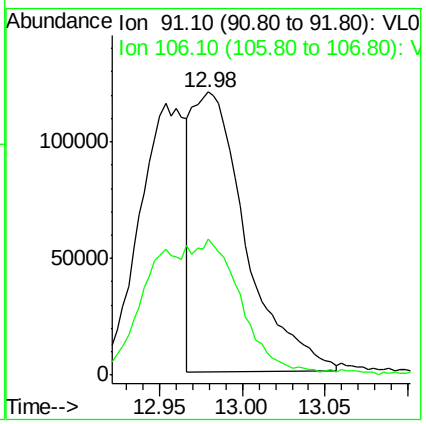


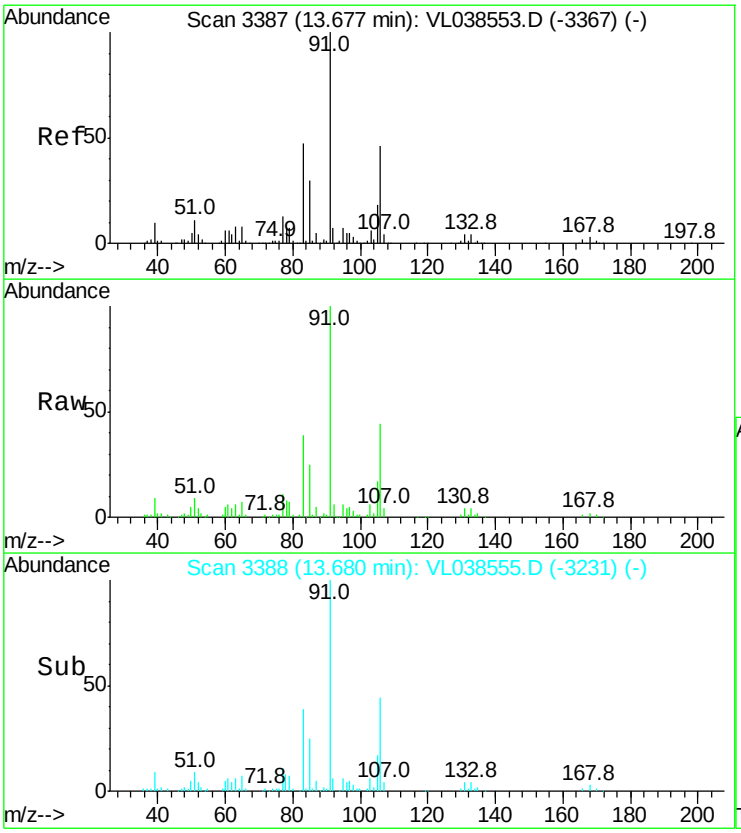
#59
m/p-Xylene
Concen: 1.07 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 269381

Ion	Ratio	Lower	Upper
91	100		
106	84.1	37.1	55.7#

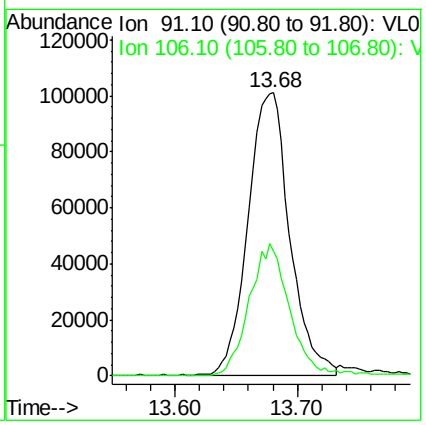


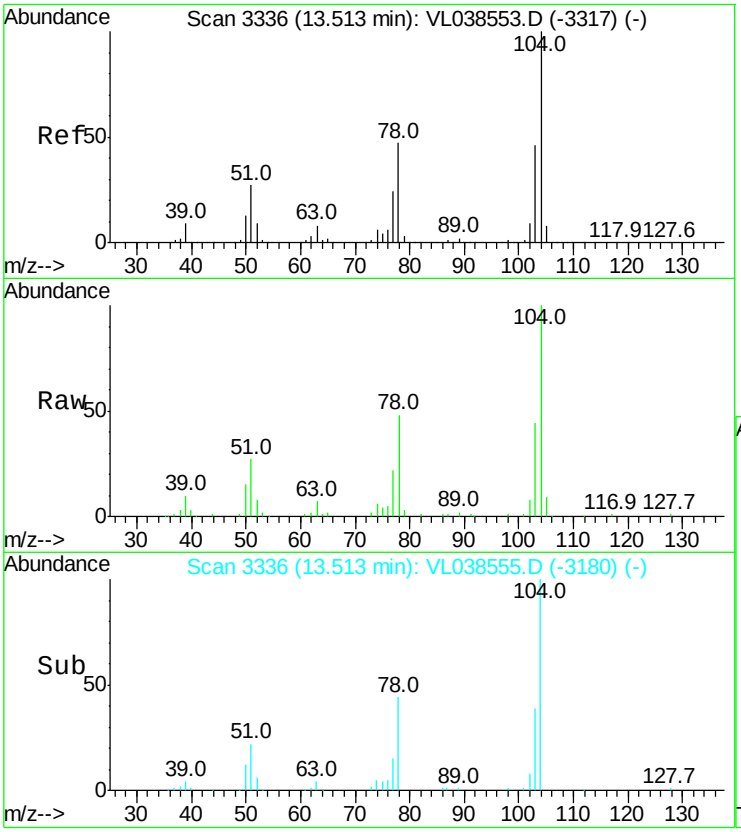


#60
o-Xylene
Concen: 1.00 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 238247

Ion	Ratio	Lower	Upper
91	100		
106	46.6	23.5	70.6



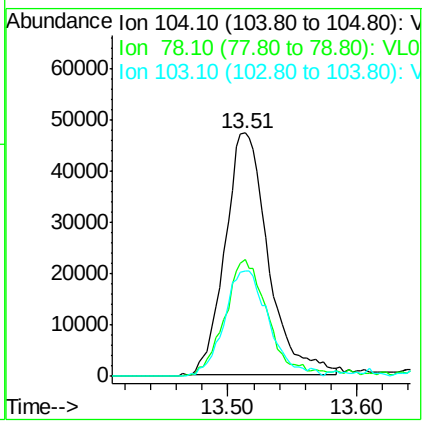


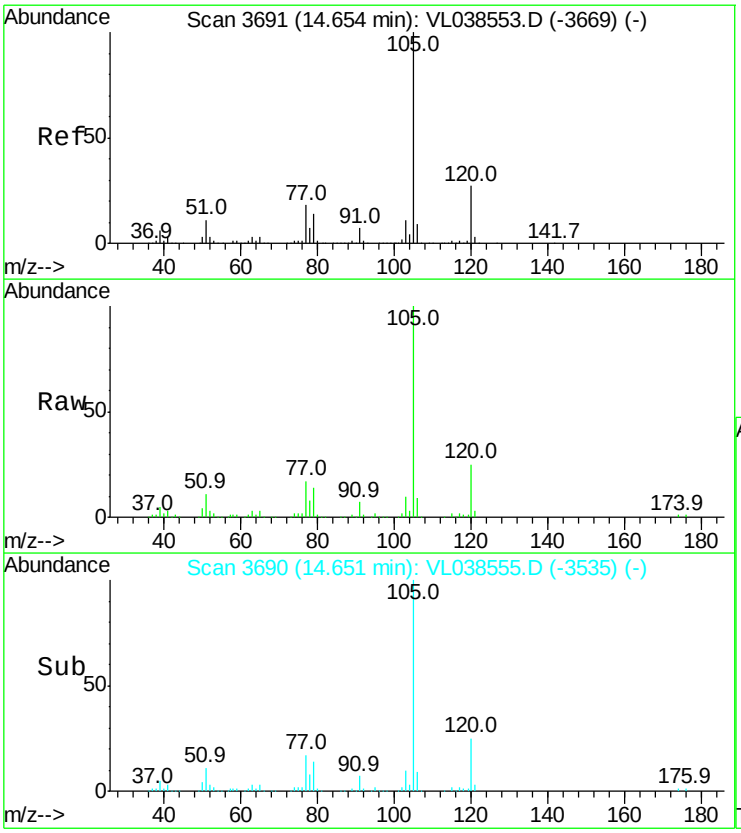
#61
Styrene
Concen: 1.00 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 110175

Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.0	58.4
103	45.1	38.0	57.0

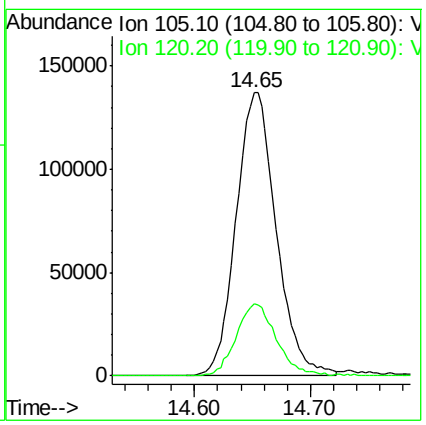


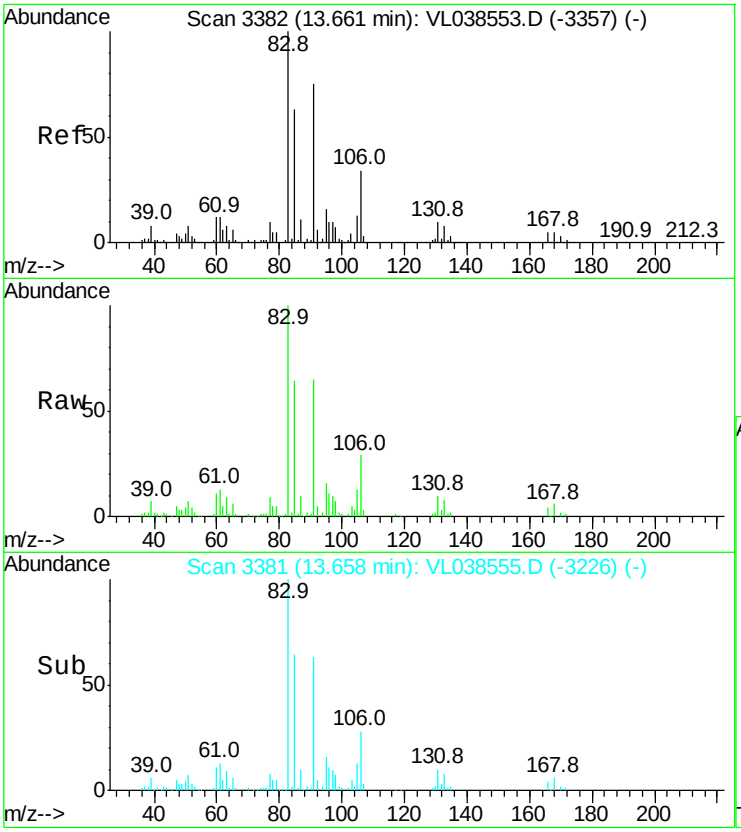


#62
Isopropylbenzene
Concen: 1.03 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:105 Resp: 330165

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.2	31.8



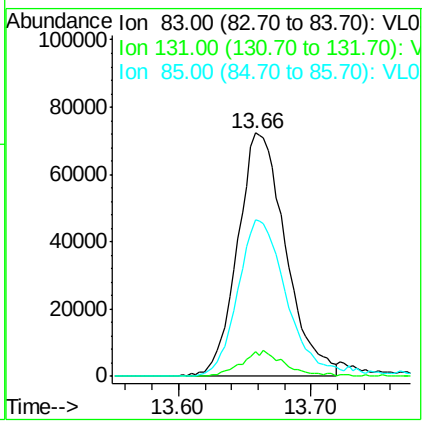


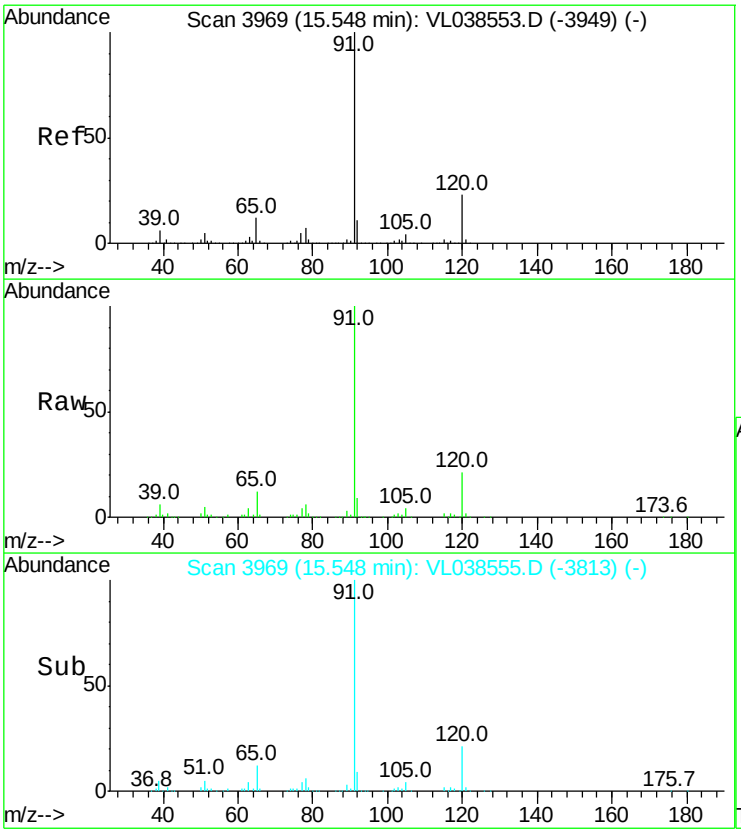
#63
1,1,2,2-Tetrachloroethane
Concen: 0.94 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 180951

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	67.9	32.6	98.0

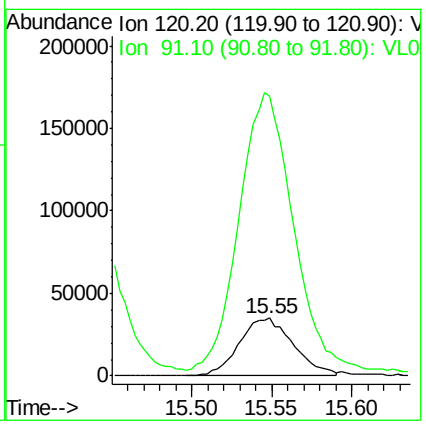


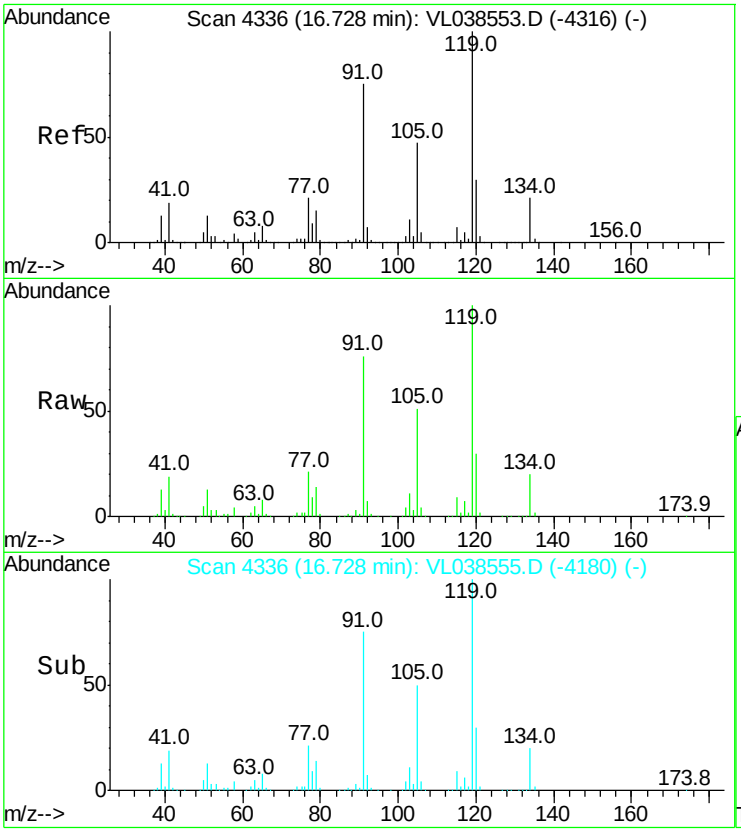


#64
n-propylbenzene
Concen: 1.03 ppbv
RT: 15.55 min Scan# 3969
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:120 Resp: 81262

Ion	Ratio	Lower	Upper
120	100		
91	510.9	374.2	561.2



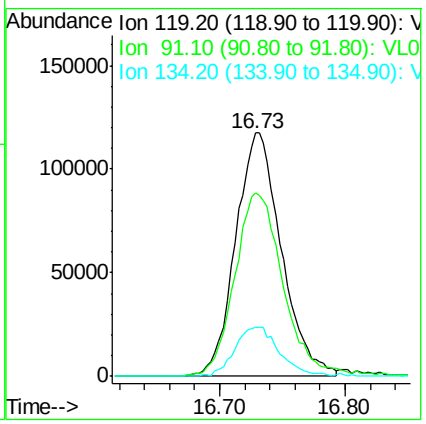


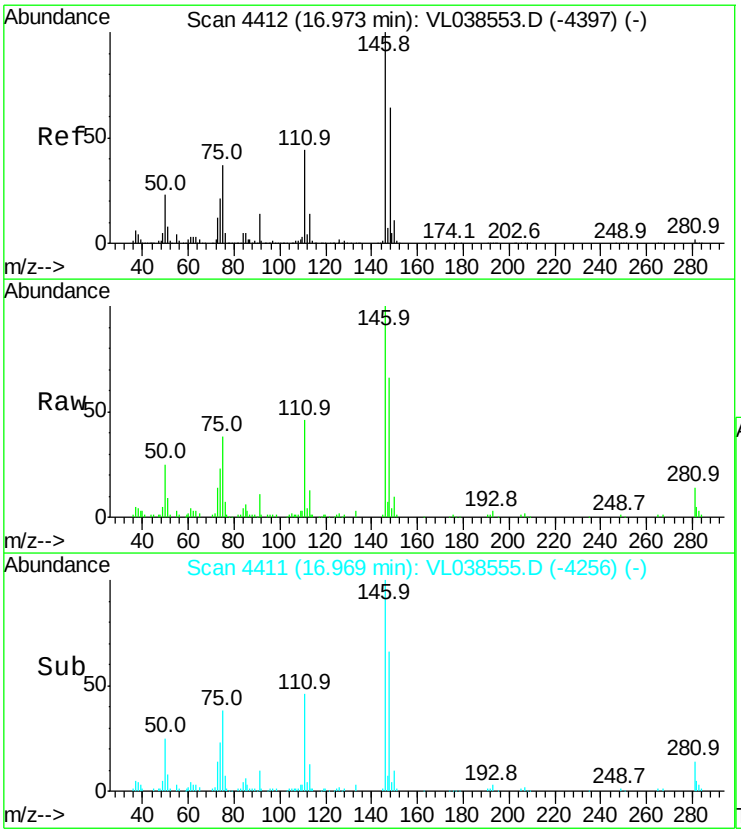
#65
tert-Butylbenzene
Concen: 1.08 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 298208

Ion	Ratio	Lower	Upper
119	100		
91	80.7	61.2	91.8
134	20.1	16.2	24.2

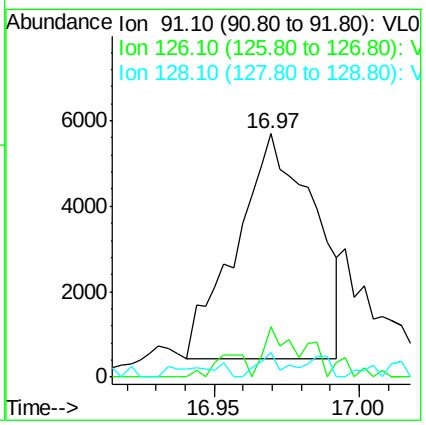


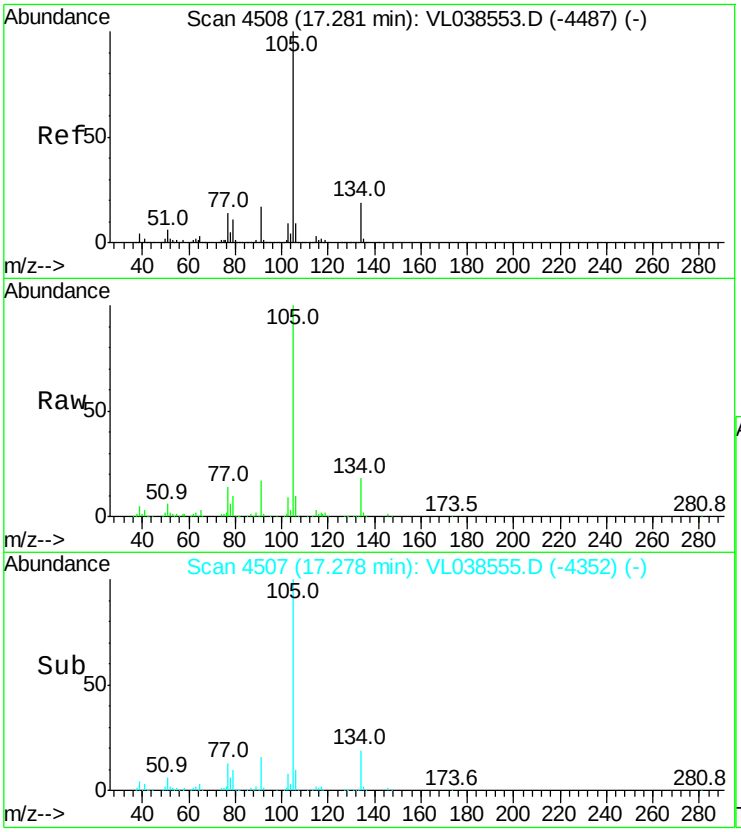


#66
Benzyl Chloride
Concen: 0.66 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 9790

Ion	Ratio	Lower	Upper
91	100		
126	16.9	14.1	21.1
128	10.0	5.1	7.7#



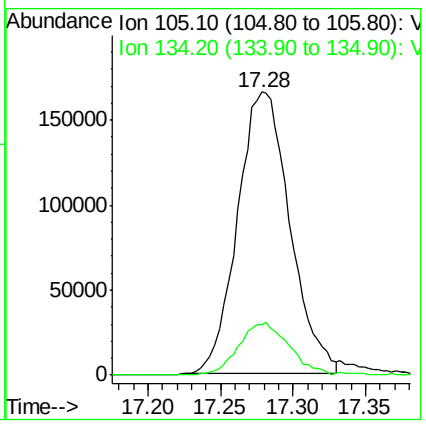


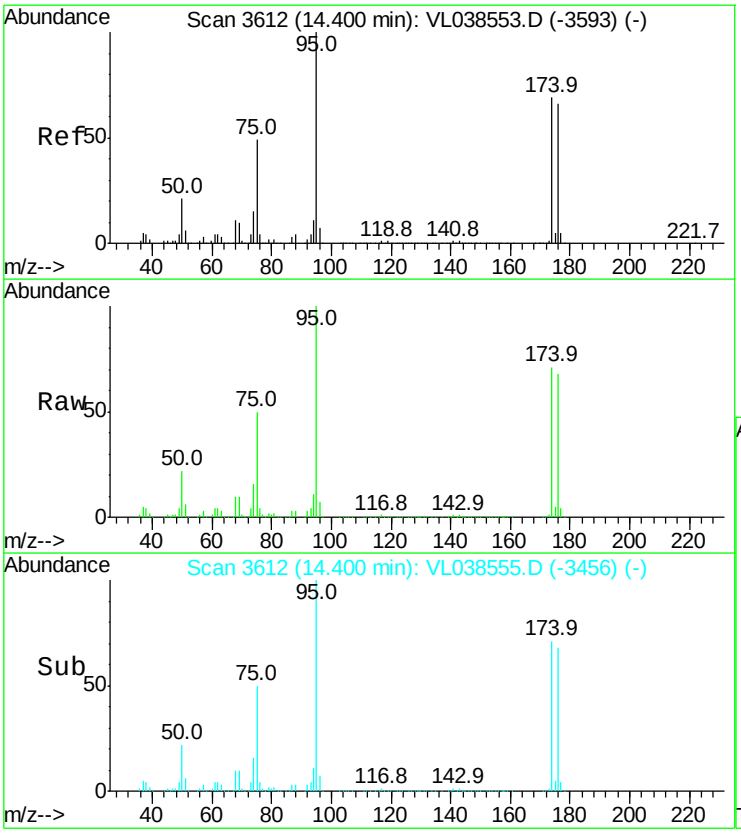
#67
sec-Butylbenzene
Concen: 1.06 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 416988

Ion	Ratio	Lower	Upper
105	100		
134	18.4	15.0	22.6

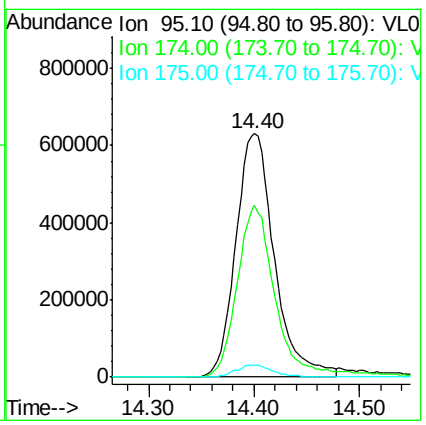


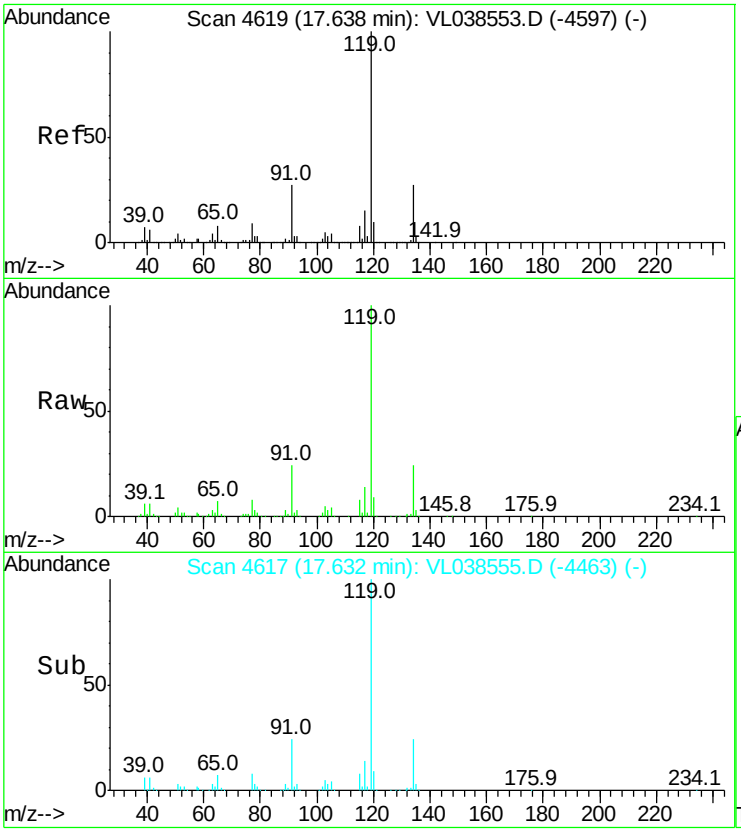


#68
1-Bromo-4-Fluorobenzene
Concen: 9.04 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 95 Resp: 1602027

Ion	Ratio	Lower	Upper
95	100		
174	71.9	56.2	84.4
175	5.1	4.2	6.2



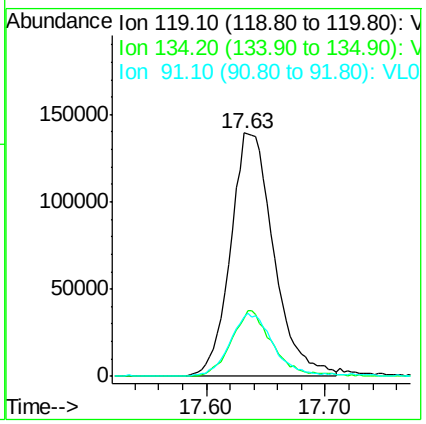


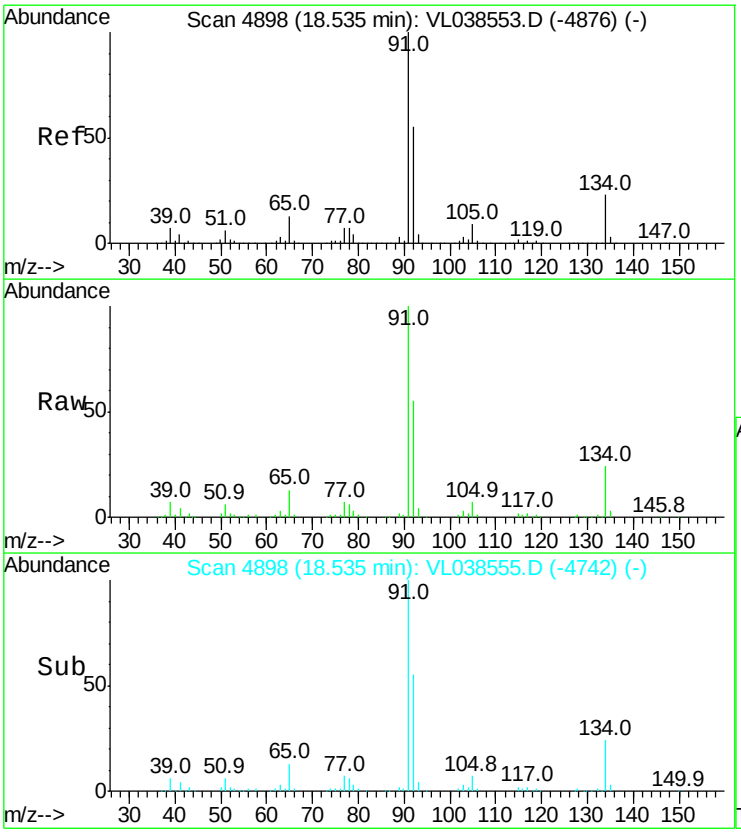
#69
p-Isopropyltoluene
Concen: 1.14 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 349426

Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.9	31.3
91	26.2	21.1	31.7

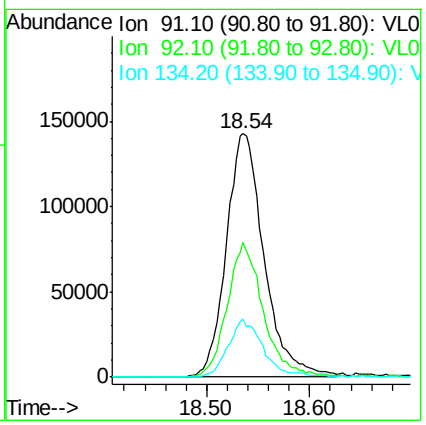


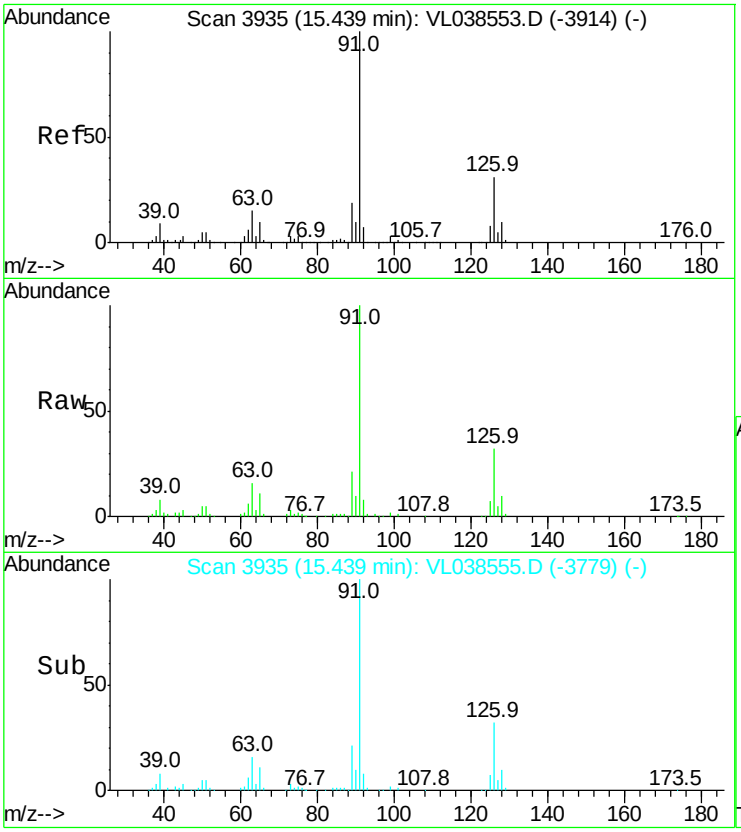


#70
n-Butylbenzene
Concen: 1.14 ppbv
RT: 18.54 min Scan# 4898
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 363975

Ion	Ratio	Lower	Upper
91	100		
92	53.1	43.8	65.8
134	22.3	18.7	28.1



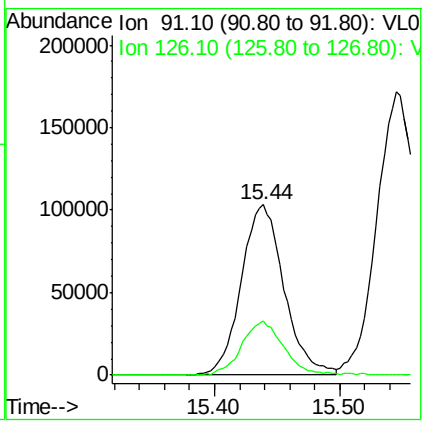


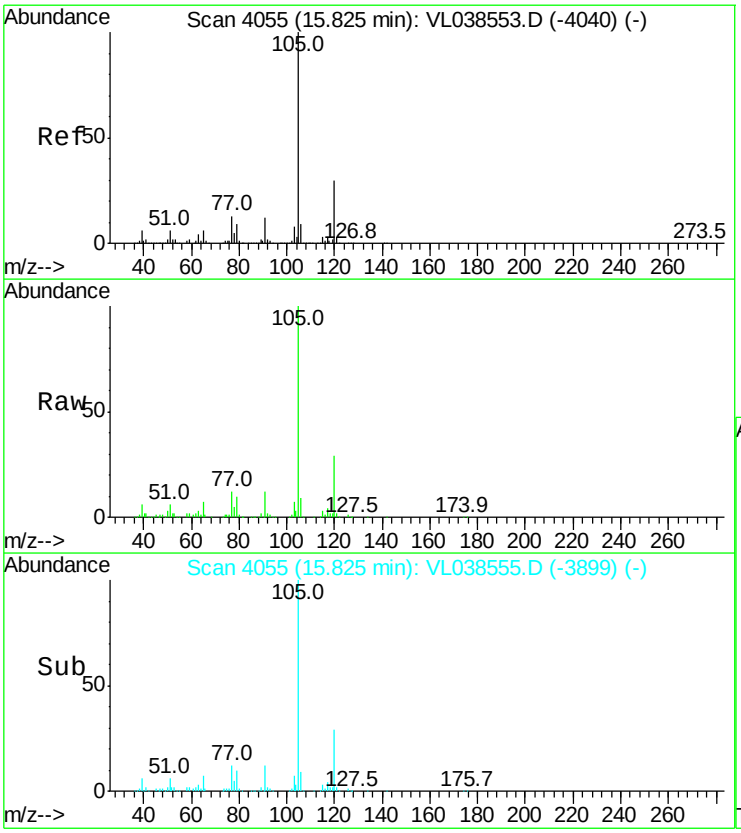
#71
2-Chlorotoluene
Concen: 1.00 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 244516

Ion	Ratio	Lower	Upper
91	100		
126	31.5	12.9	51.7

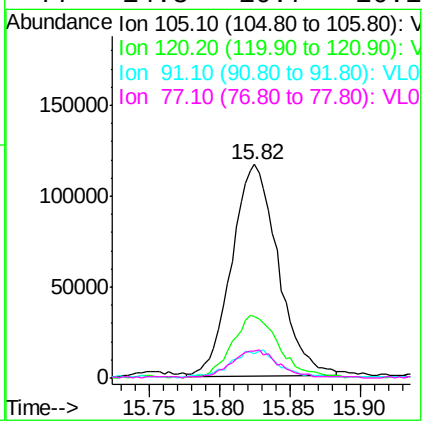


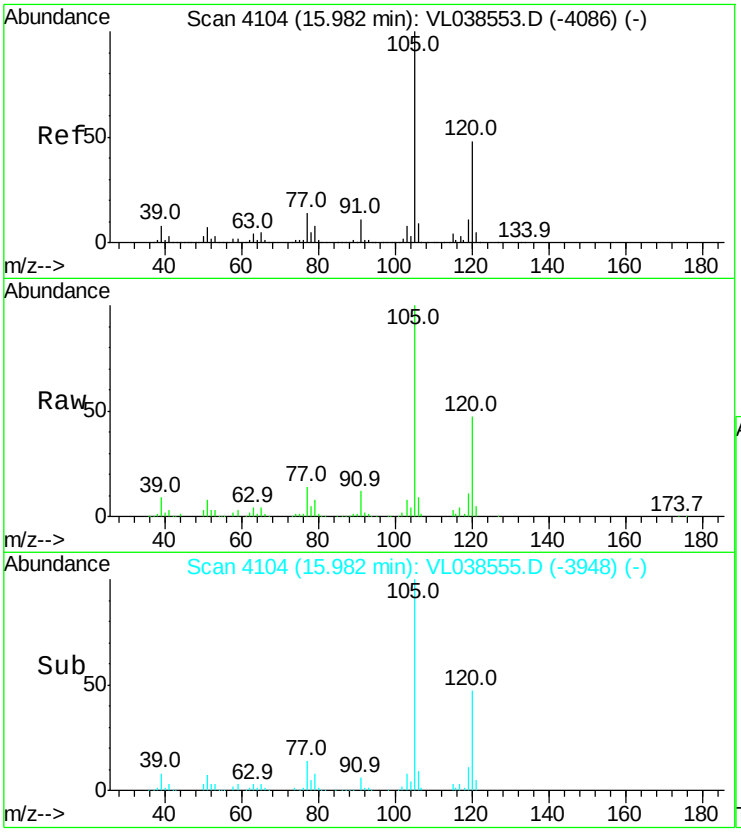


#72
4-Ethyltoluene
Concen: 1.03 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:105 Resp: 268643

Ion	Ratio	Lower	Upper
105	100		
120	30.6	25.0	37.4
91	13.6	9.8	14.6
77	14.3	10.7	16.1



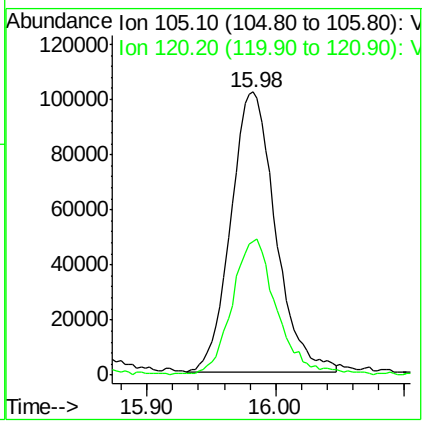


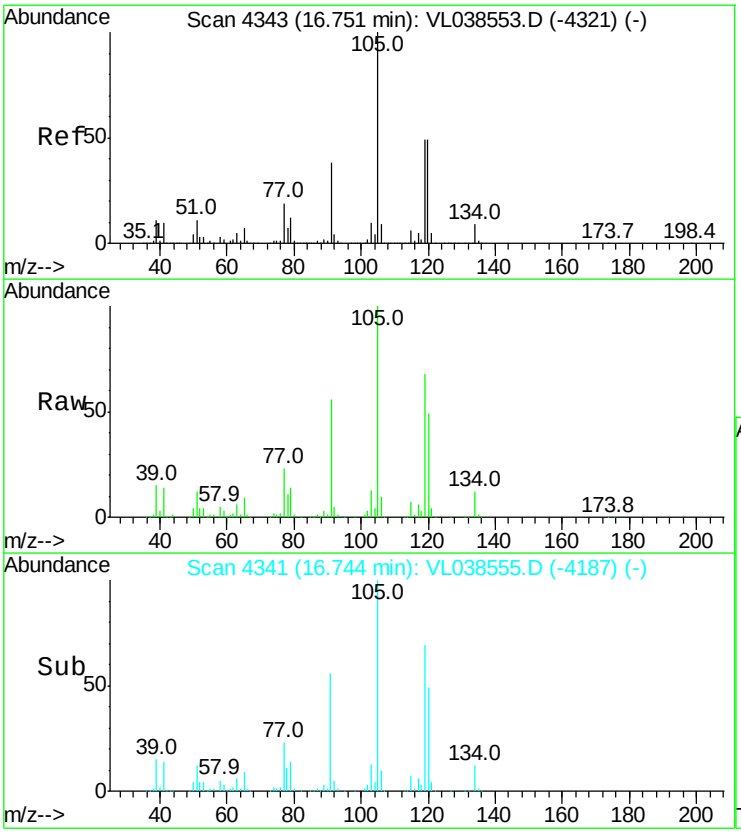
#73
1,3,5-Trimethylbenzene
Concen: 1.02 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 243590

Ion	Ratio	Lower	Upper
105	100		
120	47.1	38.3	57.5

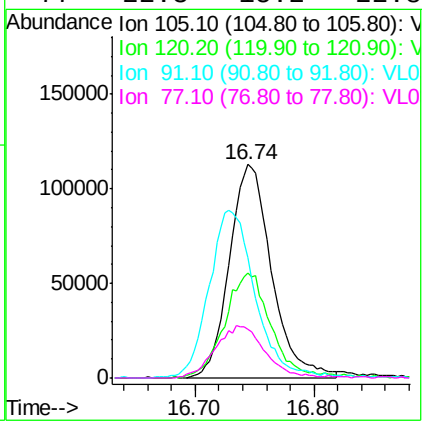


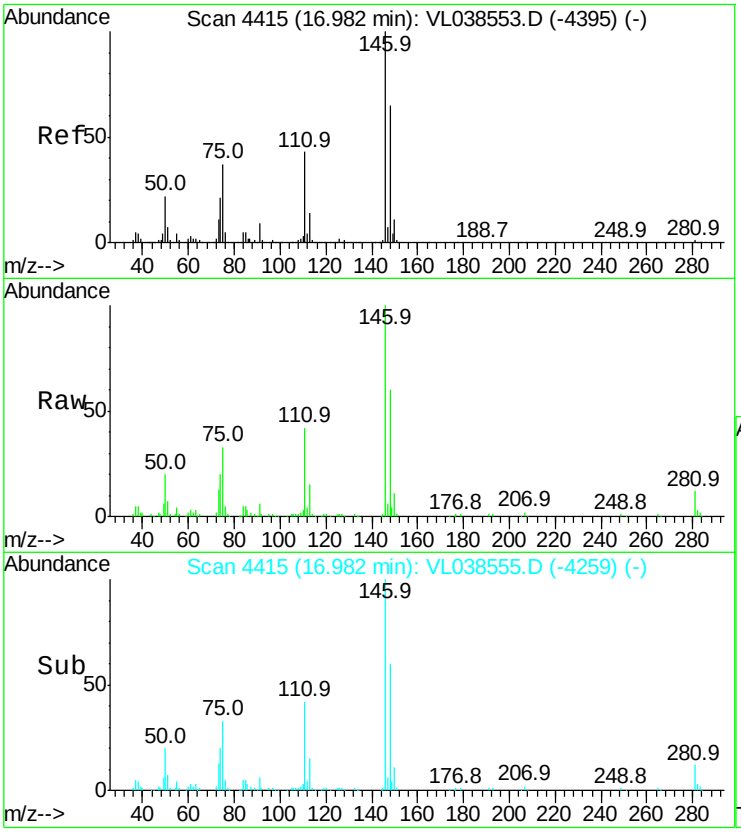


#74
1,2,4-Trimethylbenzene
Concen: 1.10 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:105 Resp: 276103

Ion	Ratio	Lower	Upper
105	100		
120	52.6	38.9	58.3
91	55.1	30.6	46.0#
77	22.3	15.2	22.8



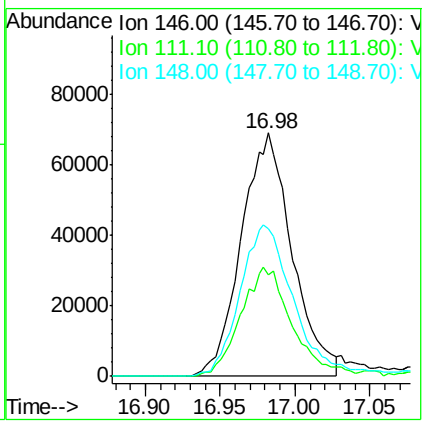


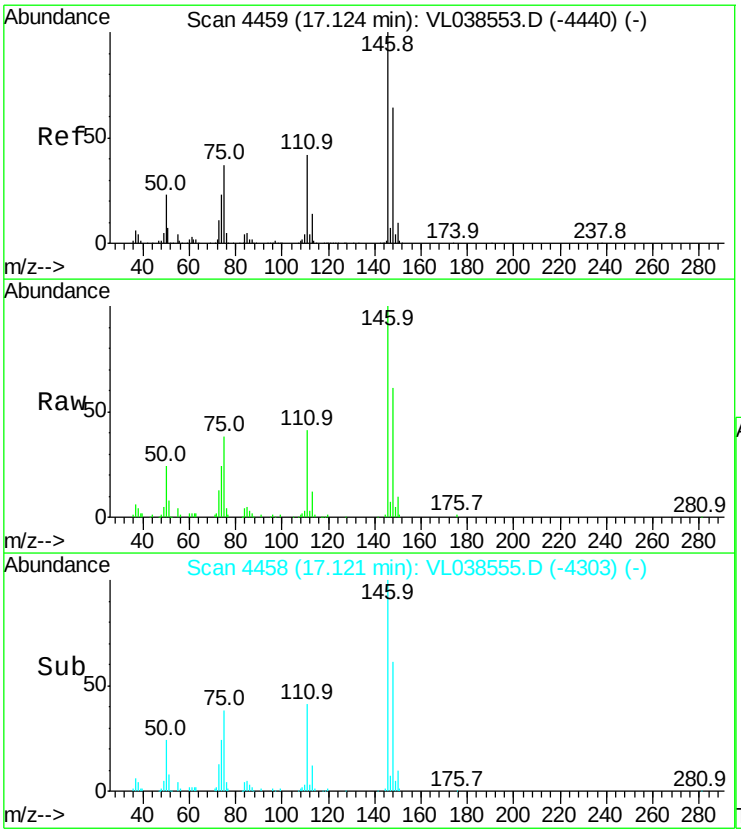
#75
1,3-Dichlorobenzene
Concen: 1.16 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 163164

Ion	Ratio	Lower	Upper
146	100		
111	46.1	21.9	65.8
148	66.0	32.2	96.6

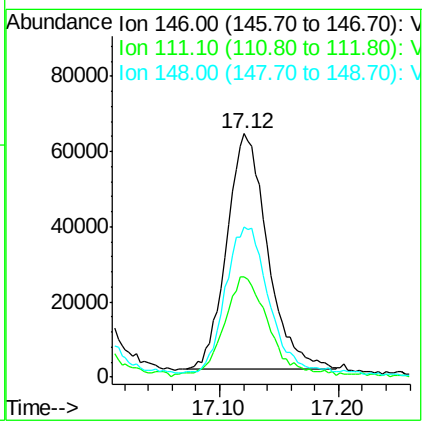


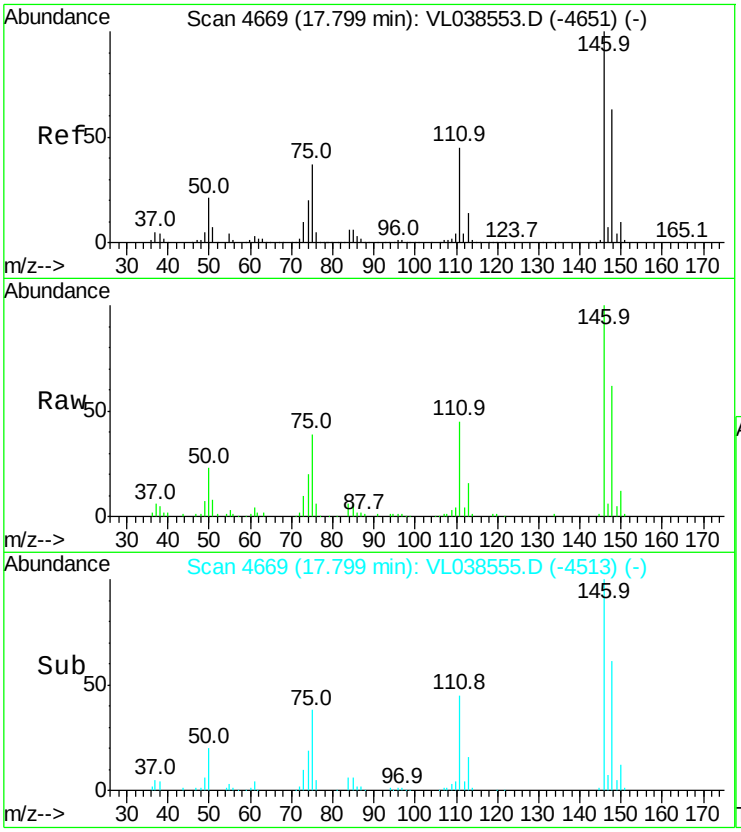


#76
1,4-Dichlorobenzene
Concen: 1.08 ppbv
RT: 17.12 min Scan# 4458
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:146 Resp: 149753

Ion	Ratio	Lower	Upper
146	100		
111	48.6	21.8	65.3
148	73.5	32.8	98.4



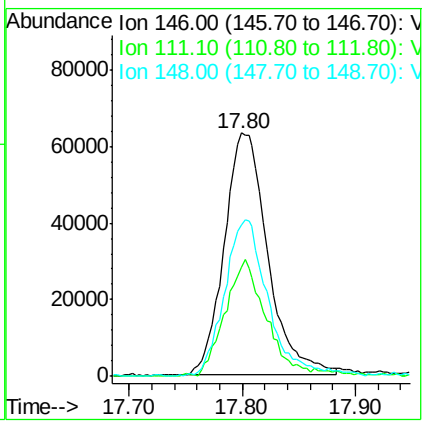


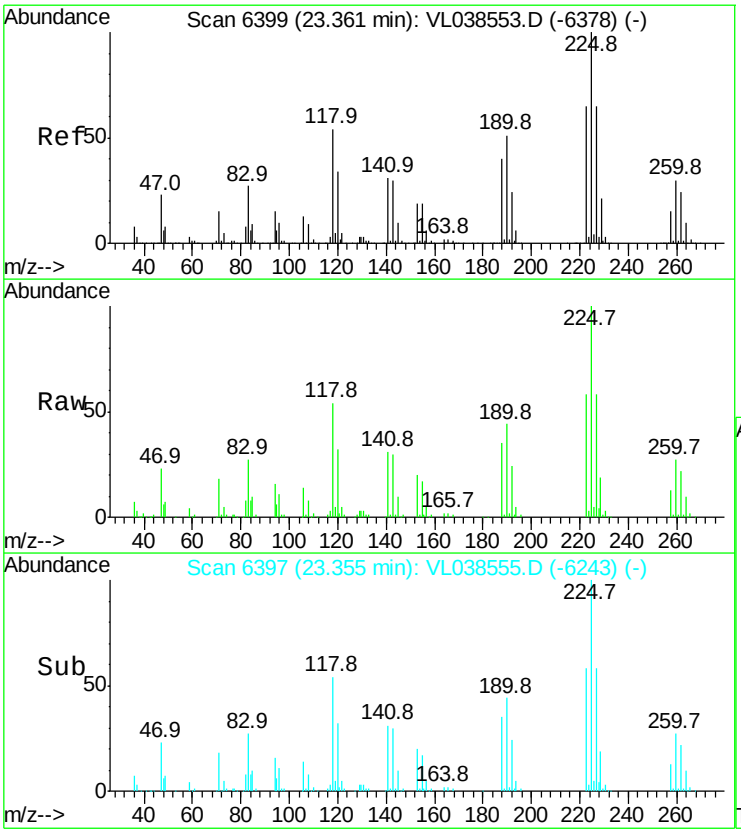
#77
1,2-Dichlorobenzene
Concen: 1.25 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 168723

Ion	Ratio	Lower	Upper
146	100		
111	47.8	23.2	69.5
148	65.5	32.6	98.0

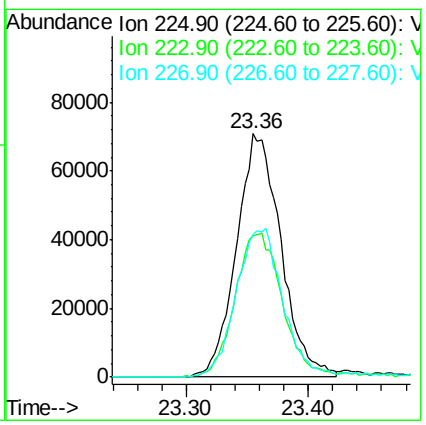


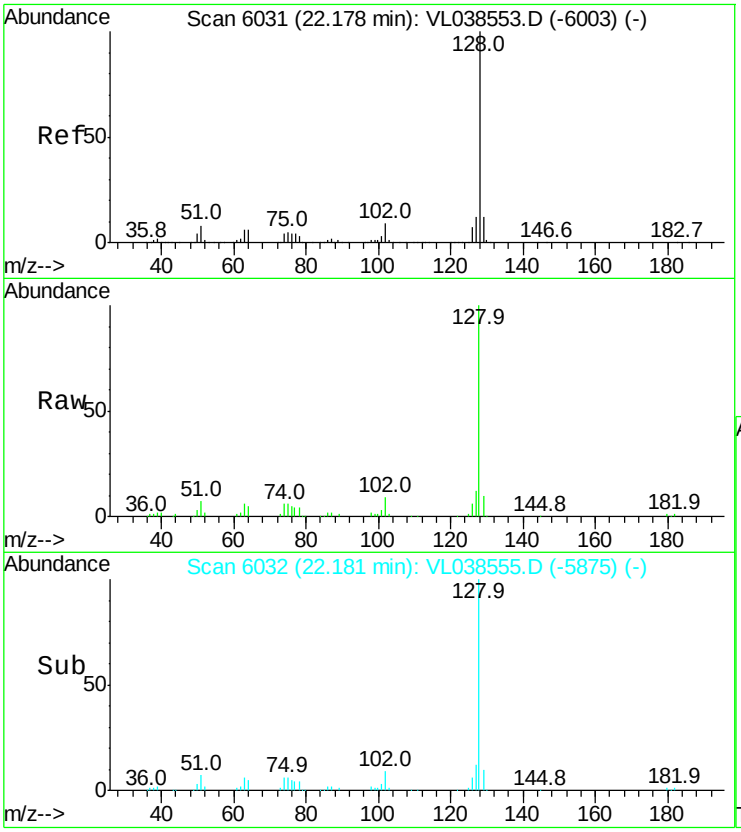


#78
Hexachloro-1,3-Butadiene
Concen: 1.73 ppbv
RT: 23.36 min Scan# 6397
Delta R.T. -0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:225 Resp: 178281

Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.4	77.0
227	65.5	51.9	77.9



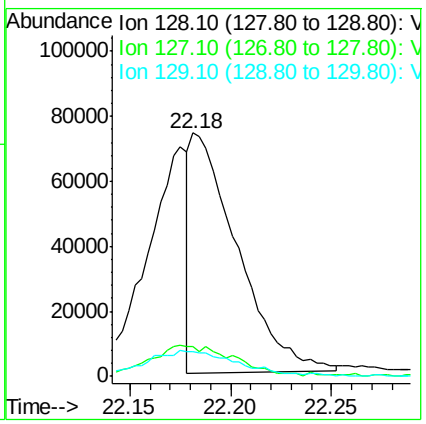


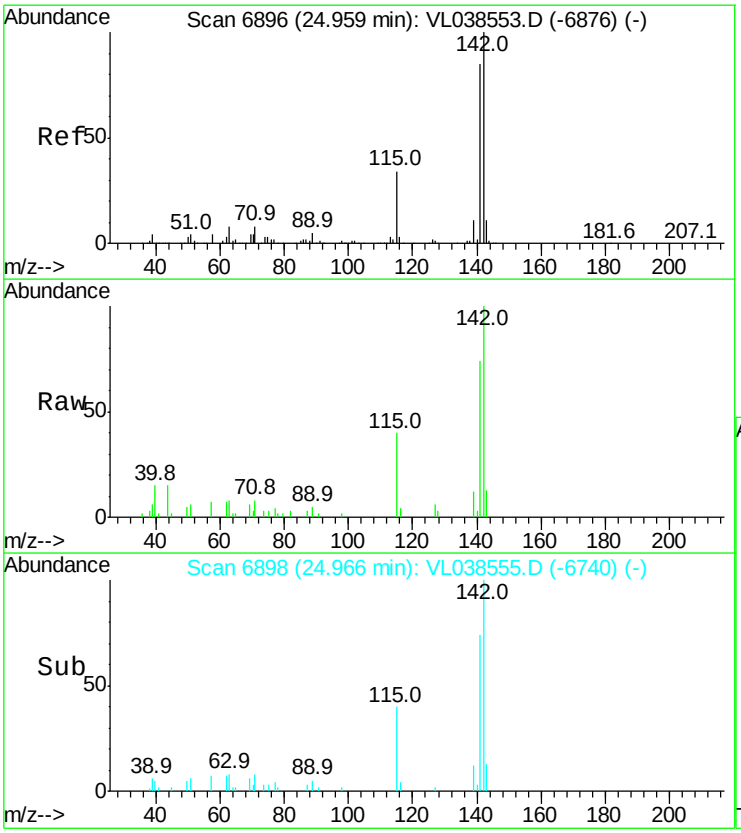
#79
Naphthalene
Concen: 0.86 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 117303

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.9	14.9
129	10.6	9.3	13.9

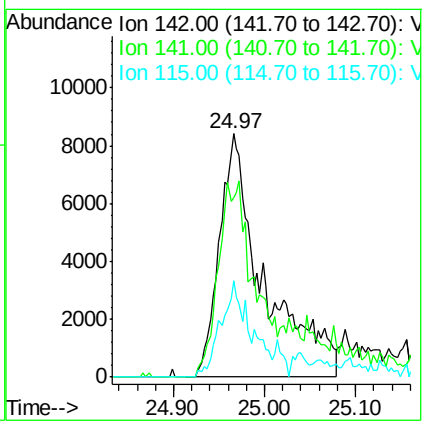


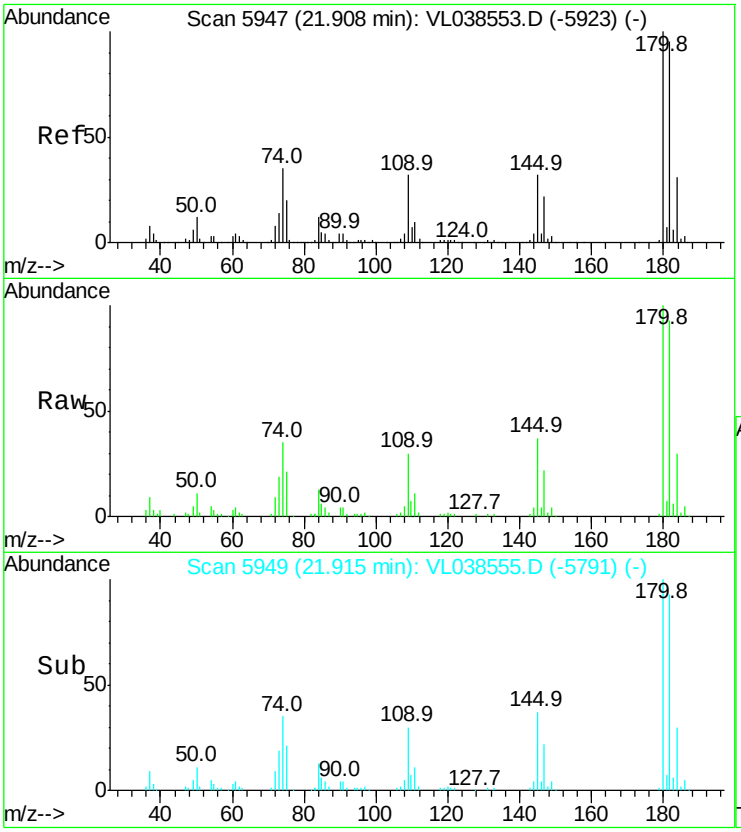


#80
Naphthalene,2-methyl-
Concen: 1.07 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:142 Resp: 28504

Ion	Ratio	Lower	Upper
142	100		
141	91.1	68.4	102.6
115	38.2	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 0.71 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 8 Mar 2022 12:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 58124

Ion	Ratio	Lower	Upper
180	100		
182	242.1	79.1	118.7#
184	75.7	25.0	37.6#