Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038559.D
Acq On : 8 Mar 2022 14:57
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 08 15:32:19 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	5.65	49	917224	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2444764	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2401513	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1812112	9.12	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	1593355	10.97	ppbv		99
3) Chlorodifluoromethane	2.99	51	2135883	13.19	ppbv		100
4) Chloromethane	3.14	50	819797	14.57	ppbv		98
5) Vinyl Chloride	3.25	62	803190	13.65	ppbv		99
6) Bromomethane	3.47	94	445072	14.34	ppbv		98
7) Chloroethane	3.55	64	276059	14.61	ppbv		95
8) Dichlorotetrafluoroethane	3.18	85	1748533	12.94	ppbv		100
9) Propene	3.01	41	787260	14.72	ppbv		100
10) Heptane	8.11	43	1979188	15.20	ppbv		98
11) Trichlorofluoromethane	3.94	101	1613907	11.60	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1271898	12.47	ppbv		100
13) Ethanol	3.60	45	35830	6.71	ppbv	#	52
14) Bromoethene	3.74	108	588976	14.50	ppbv		99
15) Acetone	3.84	43	856480	10.98	ppbv		99
16) 1,3-Butadiene	3.32	39	741808	14.24	ppbv		99
17) tert-Butyl alcohol	4.28	59	869145	11.17	ppbv		100
18) 1,1-Dichloroethene	4.28	96	582856	13.02	ppbv		98
19) Isopropyl Alcohol	3.96	45	517969	11.47	ppbv	#	98
20) Methylene Chloride	4.34	84	484308	12.53	ppbv		99
21) Allyl Chloride	4.40	41	876073	13.30	ppbv		99
22) trans-1,2-Dichloroethene	4.88	96	622203	13.77	ppbv		99
23) Vinyl Acetate	5.06	43	1398709	13.53	ppbv		99
24) 1,1-Dichloroethane	5.00	63	1147696	12.35	ppbv		99
25) Ethyl Acetate	5.66	43	3084752	14.72	ppbv		100
26) Hexane	5.68	57	1445734	15.23	ppbv		99
27) Carbon Disulfide	4.54	76	1518486	14.38	ppbv		99
28) Methyl tert-Butyl Ether	5.02	73	1139860	11.79	ppbv		98
29) Chloroform	5.74	83	2194701	14.17	ppbv		99
30) Cyclohexane	7.12	84	1253739	16.15	ppbv		97
31) cis-1,2-Dichloroethene	5.54	61	1396611	15.19	ppbv		99
32) 1,1,1-Trichloroethane	6.50	97	2085921	13.39	ppbv		100
34) 2-Butanone	5.23	43	941691	12.25	ppbv		99
35) Carbon Tetrachloride	7.01	117	2195491	12.77	ppbv		99
36) Benzene	6.88	78	3078854	14.31	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1490760	11.99	ppbv		99
38) Trichloroethene	7.83	130	1147930	14.64	ppbv		98
39) 1,2-Dichloropropane	7.60	63	1199095	13.99	ppbv		98
40) 1,4-Dioxane	7.82	88	253393	12.46	ppbv	#	1
41) Tetrahydrofuran	6.04	42	774093	14.90	ppbv		99
42) Bromodichloromethane	7.78	83	2337071	13.01	ppbv		99
43) Methyl Methacrylate	8.00	69	1150639	15.38	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038559.D
Acq On : 8 Mar 2022 14:57
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 08 15:32:19 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	7.86	57	4917922	13.29	ppbv		100
45) t-1,3-Dichloropropene	9.27	75	941820	15.75	ppbv		97
46) cis-1,3-Dichloropropene	8.69	75	1213811	15.49	ppbv		99
47) 1,1,2-Trichloroethane	9.46	97	1233853	14.47	ppbv		98
48) Dibromochloromethane	10.29	129	2038985	14.62	ppbv		99
49) Bromoform	13.03	173	1631399	15.85	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	1971688	14.50	ppbv		100
51) 2-Hexanone	10.12	43	890932	14.64	ppbv	#	99
52) Tetrachloroethene	11.21	164	1080239	15.12	ppbv		96
53) Toluene	9.79	91	3458304	14.80	ppbv		99
54) 1,2-Dibromoethane	10.60	107	1789901	14.91	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1273080	12.72	ppbv	#	70
57) Chlorobenzene	12.14	112	2373009	12.81	ppbv		100
58) Ethyl Benzene	12.70	91	4294436	13.08	ppbv		97
59) m/p-Xylene	12.98	91	3912646	13.87	ppbv	#	43
60) o-Xylene	13.68	91	3287920	12.33	ppbv		100
61) Styrene	13.51	104	1891084	15.38	ppbv		99
62) Isopropylbenzene	14.65	105	4593169	12.84	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2457851	11.35	ppbv		100
64) n-propylbenzene	15.55	120	1254334	14.16	ppbv		94
65) tert-Butylbenzene	16.73	119	3997704	12.90	ppbv		99
66) Benzyl Chloride	16.98	91	307872	18.38	ppbv		99
67) sec-Butylbenzene	17.28	105	5807283	13.22	ppbv		99
69) p-Isopropyltoluene	17.64	119	4927450	14.28	ppbv		99
70) n-Butylbenzene	18.54	91	5292343	14.83	ppbv		98
71) 2-Chlorotoluene	15.44	91	3456920	12.56	ppbv		98
72) 4-Ethyltoluene	15.82	105	4132588	14.07	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	3642400	13.65	ppbv		99
74) 1,2,4-Trimethylbenzene	16.75	105	3710401	13.17	ppbv		99
75) 1,3-Dichlorobenzene	16.99	146	2481590	15.73	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	2437896	15.67	ppbv		99
77) 1,2-Dichlorobenzene	17.81	146	2512157	16.54	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	2117130	18.28	ppbv		100
79) Naphthalene	22.18	128	4626354	30.32	ppbv		98
80) Naphthalene,2-methyl-	24.96	142	968250	32.47	ppbv		96
81) 1,2,4-Trichlorobenzene	21.91	180	2495231	27.04	ppbv		99

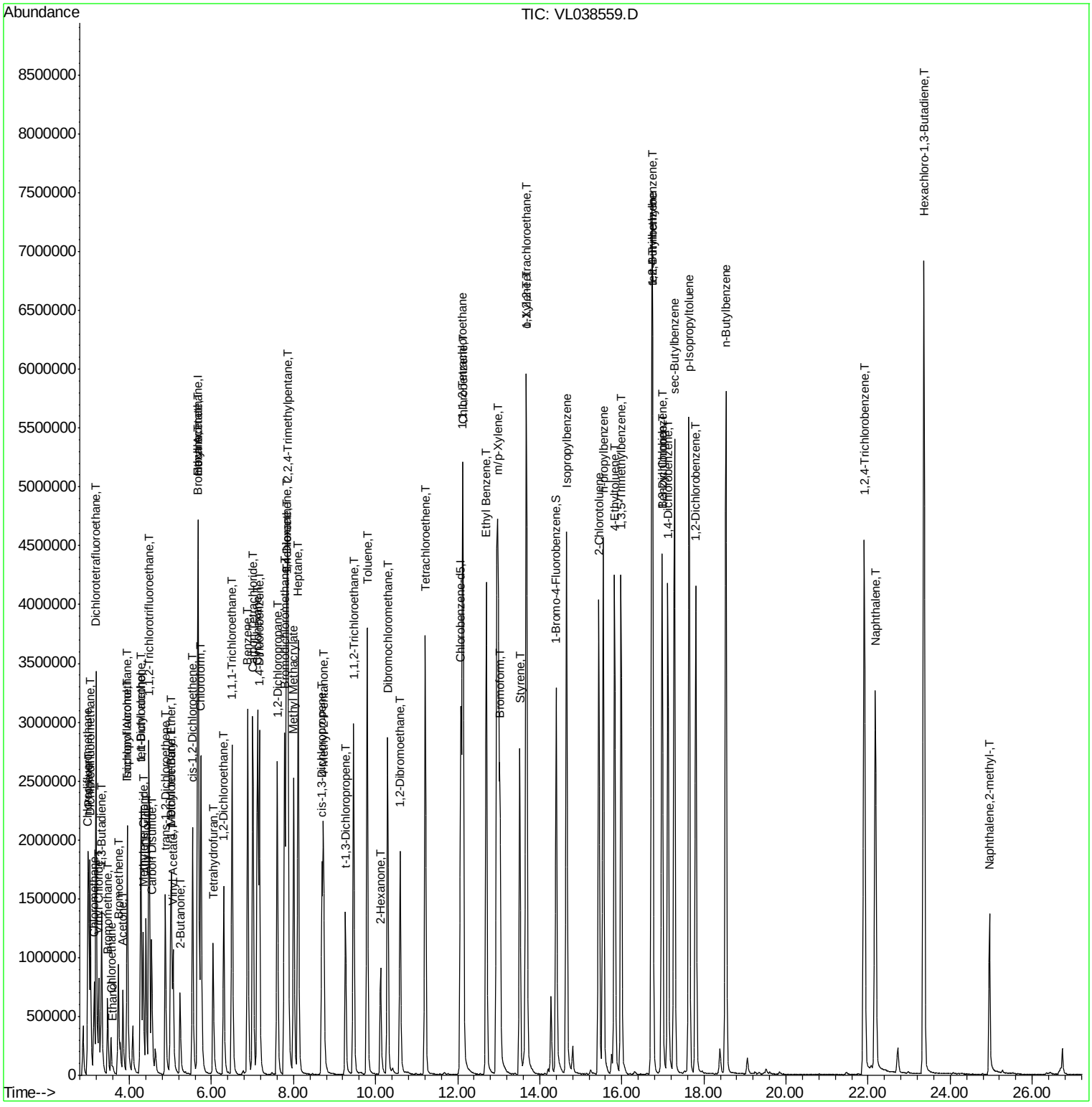
(#) = qualifier out of range (m) = manual integration (+) = signals summed

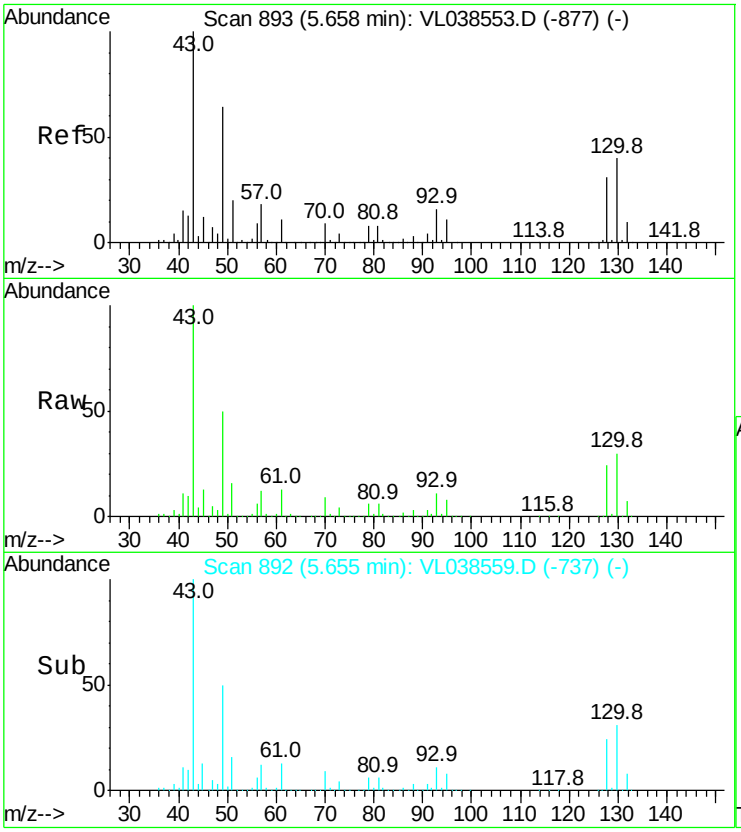
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038559.D
Acq On : 8 Mar 2022 14:57
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Mar 08 15:32:19 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



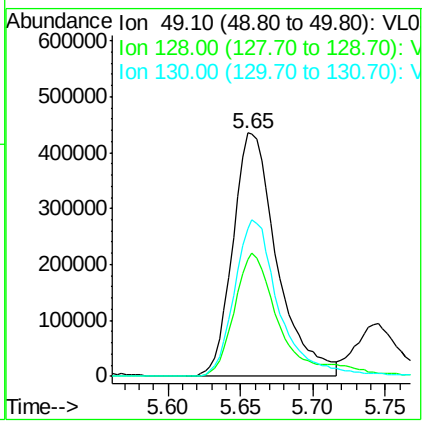


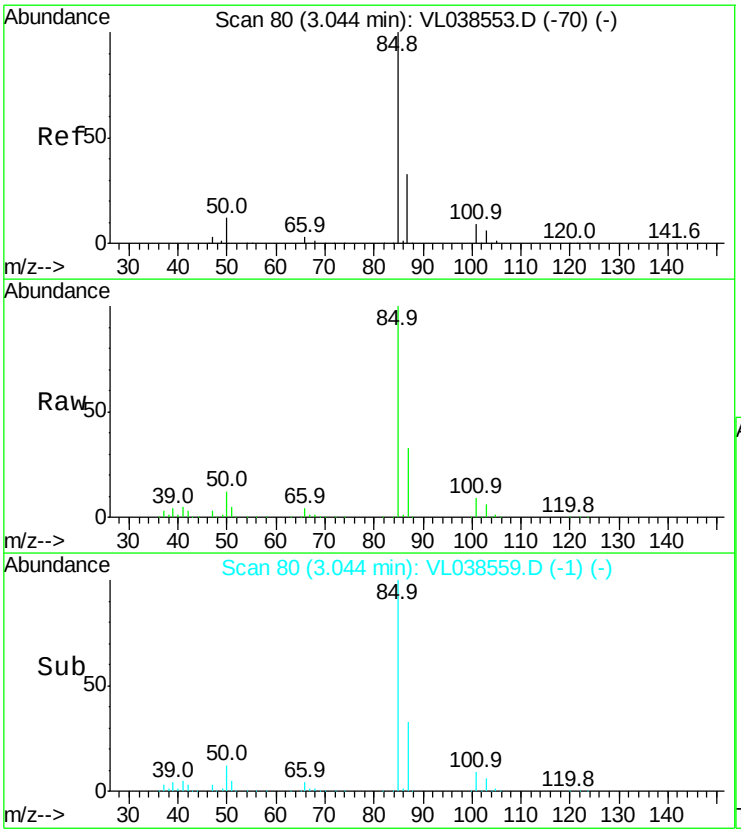
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 917224

Ion	Ratio	Lower	Upper
49	100		
128	53.5	26.4	79.2
130	66.1	33.0	98.9

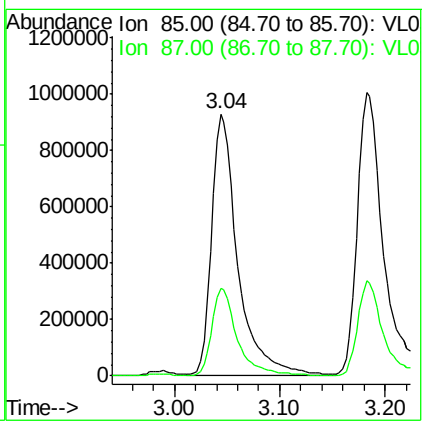


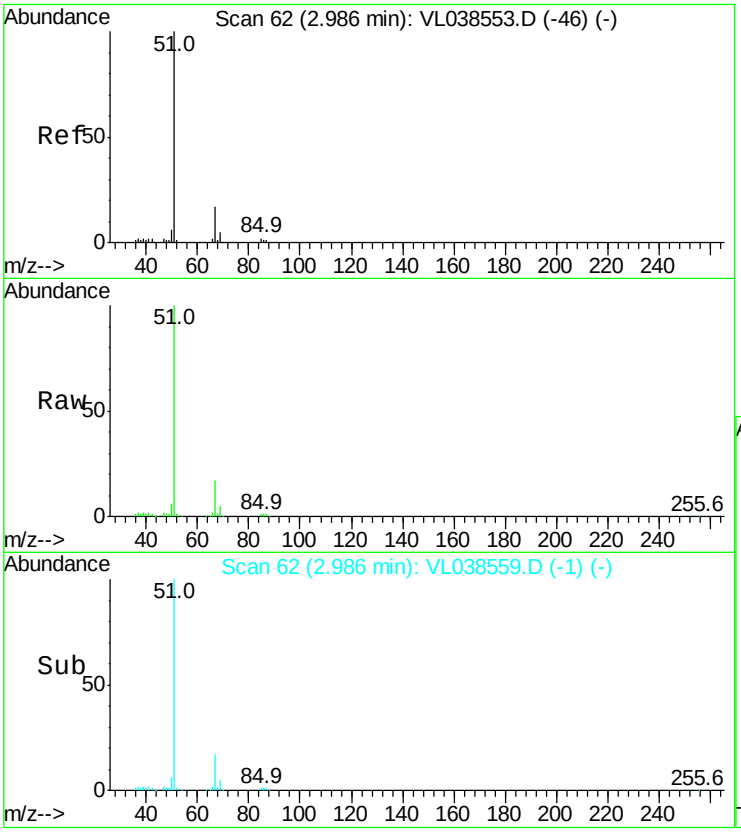


#2
Dichlorodifluoromethane
Concen: 10.97 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 85 Resp: 1593355

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.2	39.2



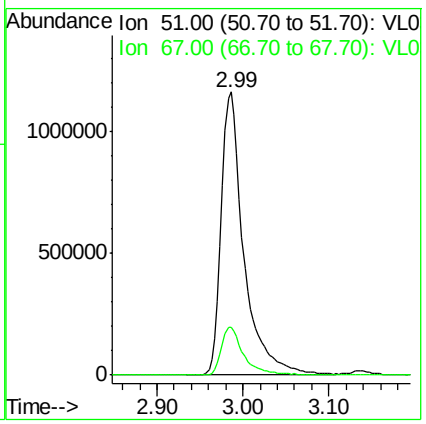


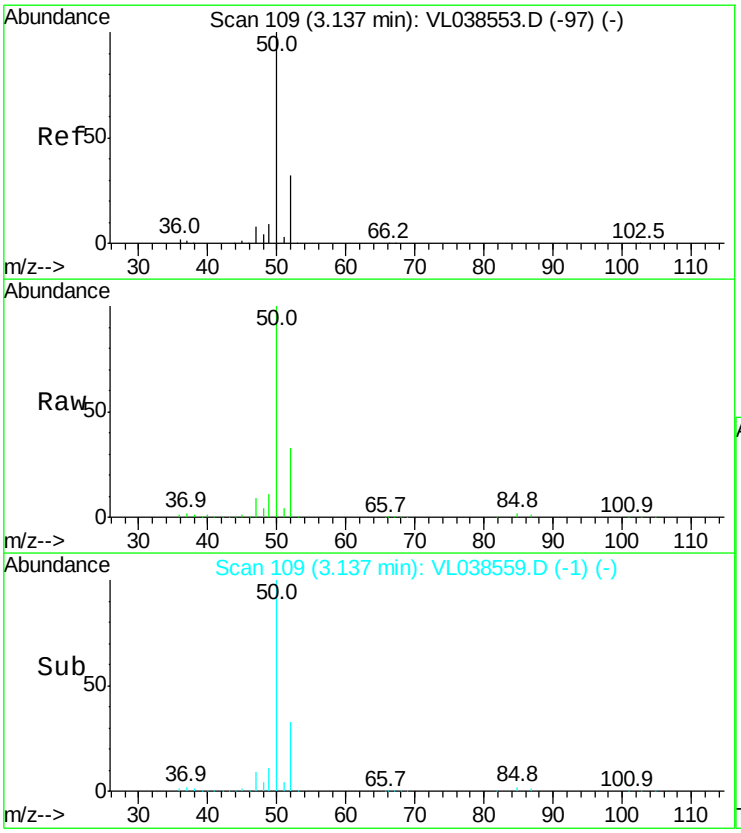
#3
Chlorodifluoromethane
Concen: 13.19 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2135883

Ion	Ratio	Lower	Upper
51	100		
67	16.9	13.6	20.4

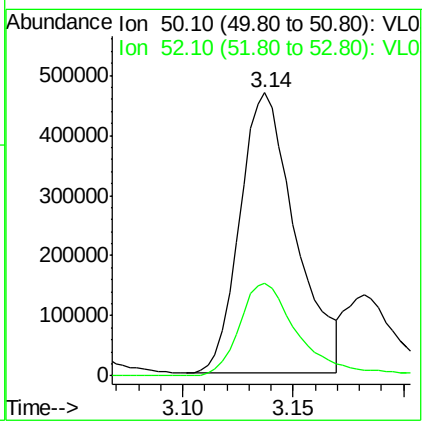


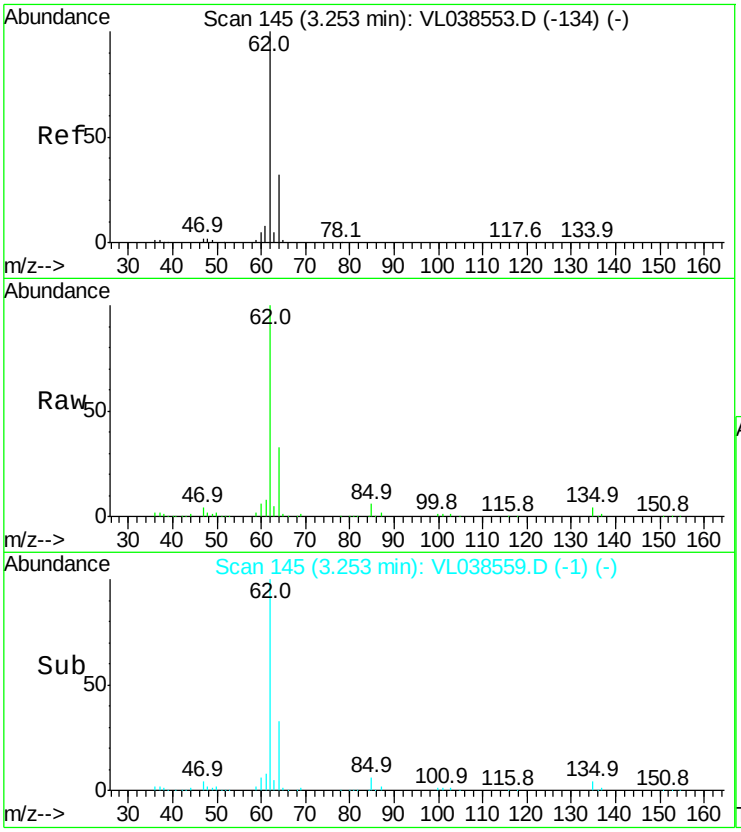


#4
Chloromethane
Concen: 14.57 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 50 Resp: 819797

Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.6	38.4



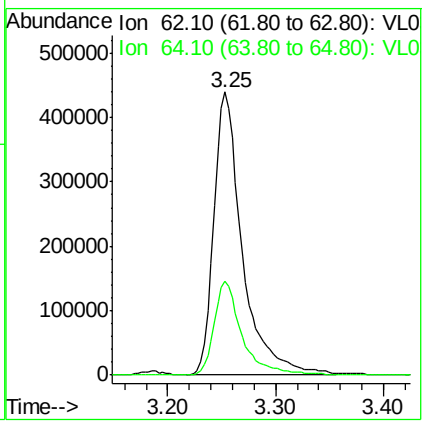


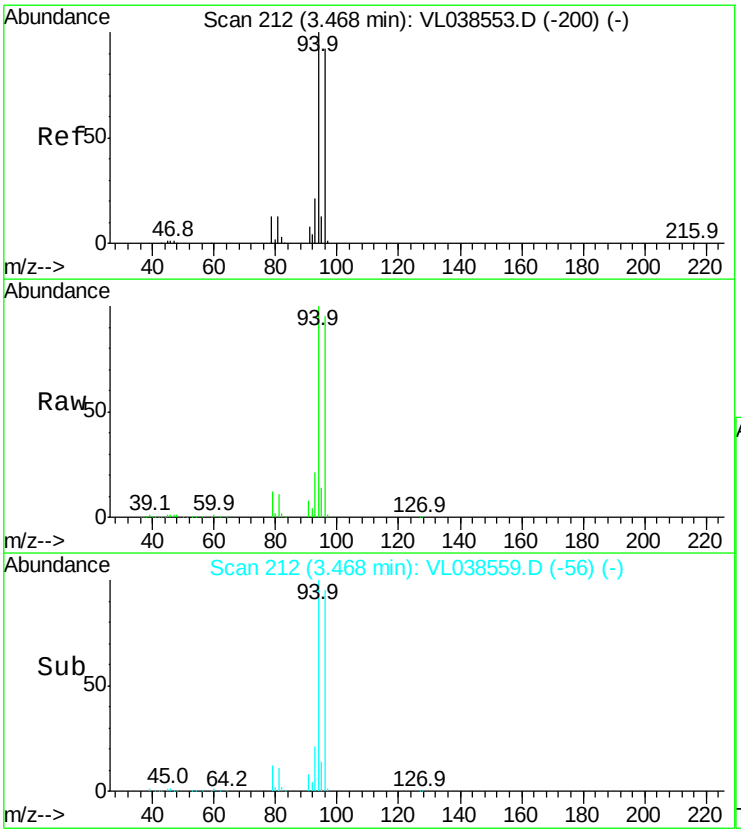
#5
Vinyl Chloride
Concen: 13.65 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 803190

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.8	38.6

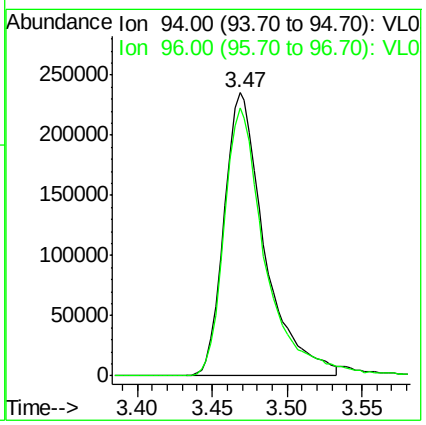


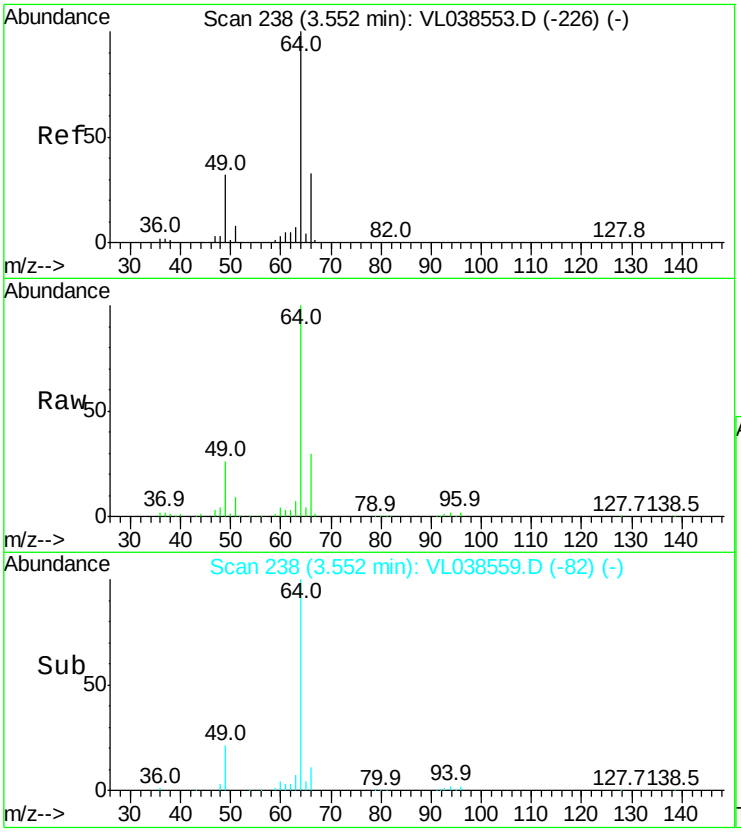


#6
Bromomethane
Concen: 14.34 ppbv
RT: 3.47 min Scan# 212
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 94 Resp: 445072

Ion	Ratio	Lower	Upper
94	100		
96	94.4	73.7	110.5



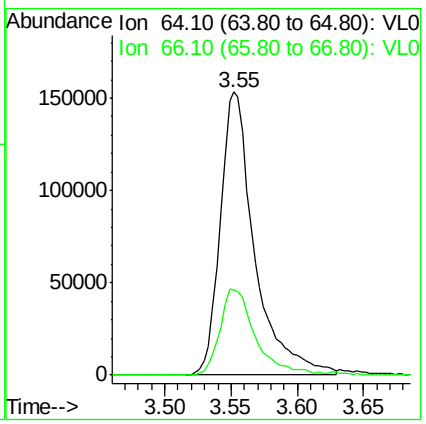


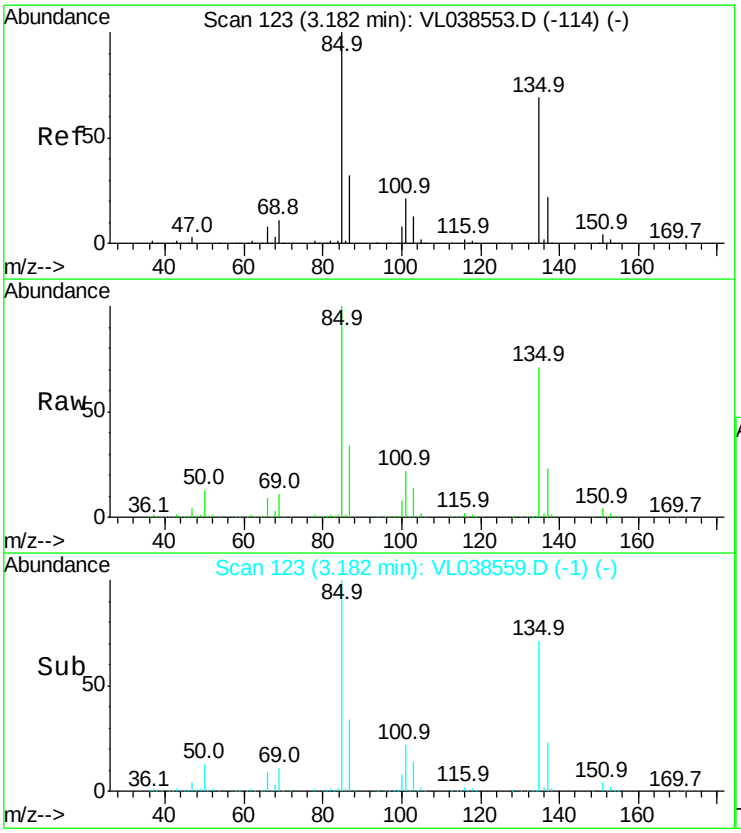
#7
Chloroethane
Concen: 14.61 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 276059

Ion	Ratio	Lower	Upper
64	100		
66	30.1	26.6	39.8

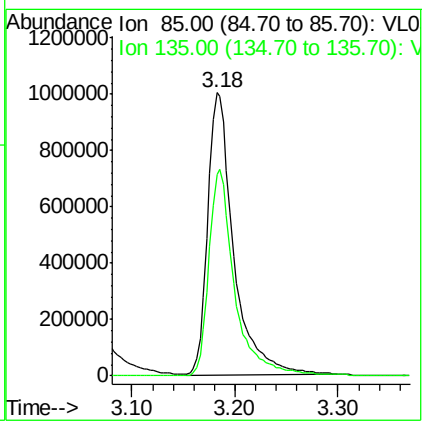


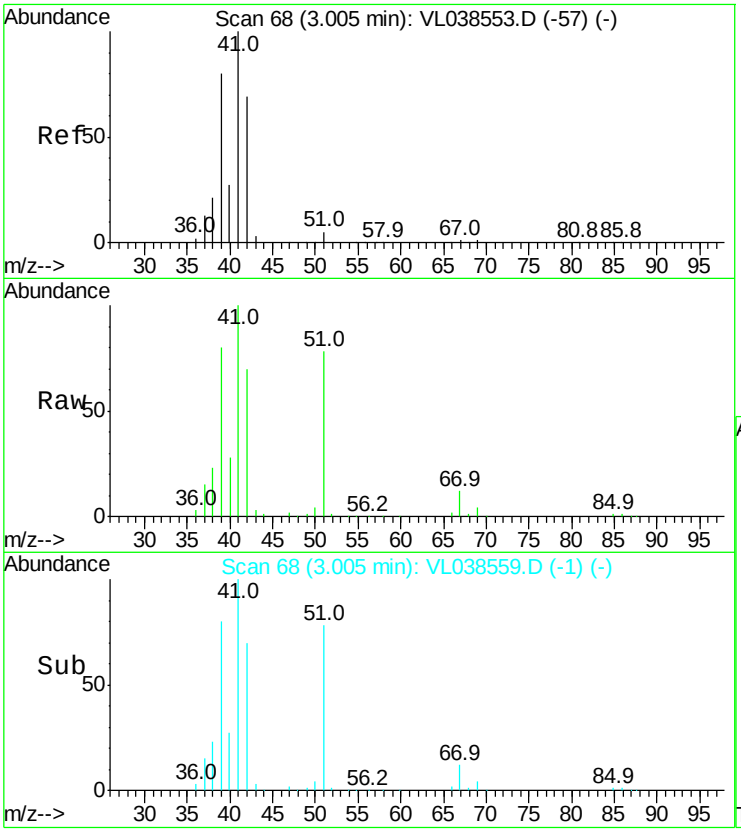


#8
Dichlorotetrafluoroethane
Concen: 12.94 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 85 Resp: 1748533

Ion	Ratio	Lower	Upper
85	100		
135	73.4	59.0	88.4



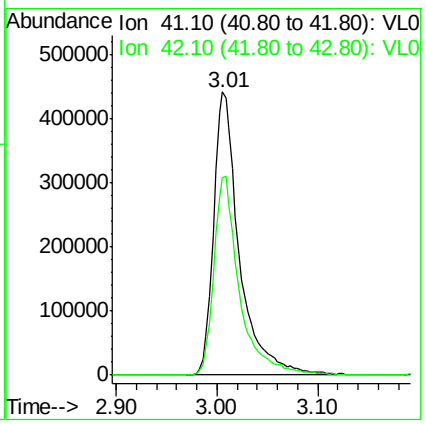


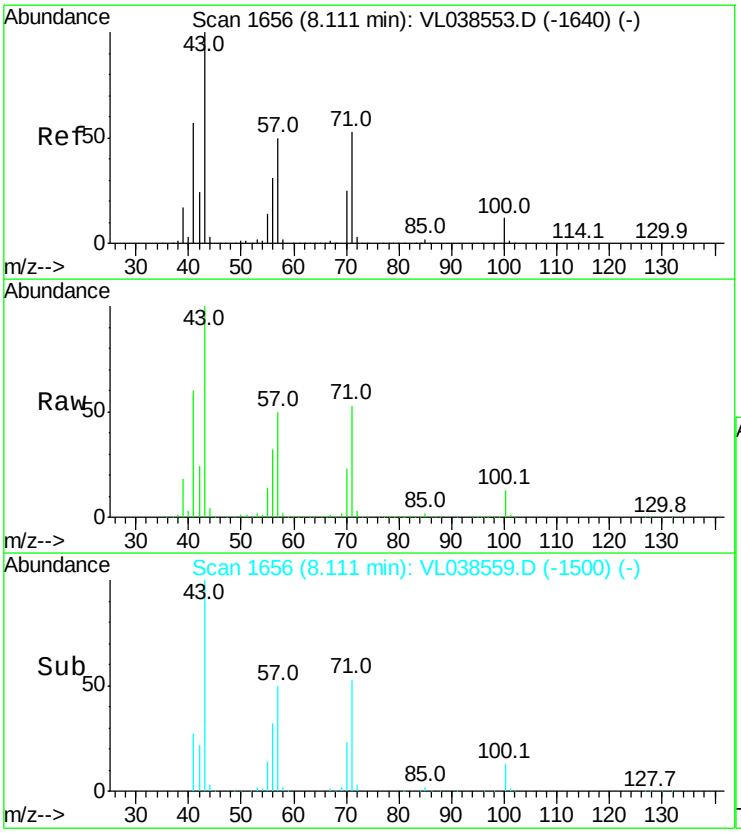
#9
Propene
Concen: 14.72 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 787260

Ion	Ratio	Lower	Upper
41	100		
42	70.0	55.7	83.5

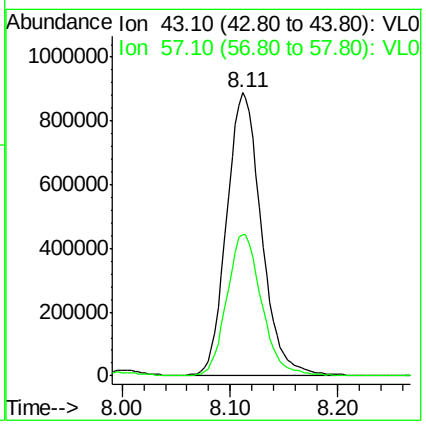


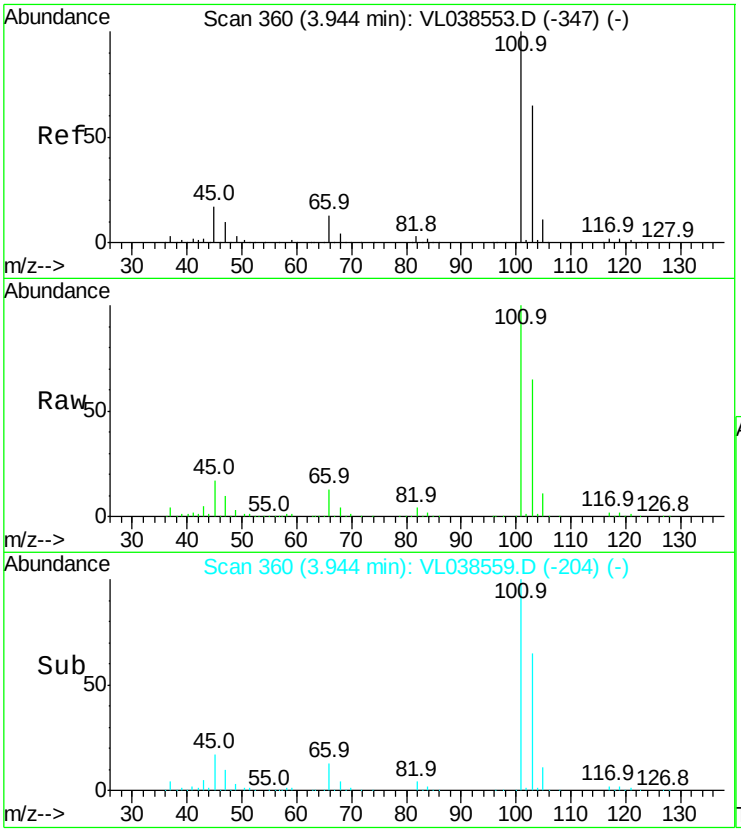


#10
Heptane
Concen: 15.20 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 43 Resp: 1979188

Ion	Ratio	Lower	Upper
43	100		
57	50.6	39.6	59.4



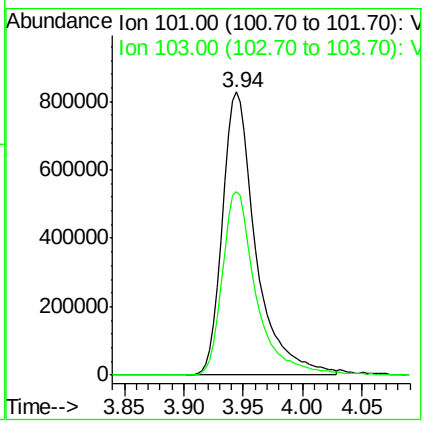


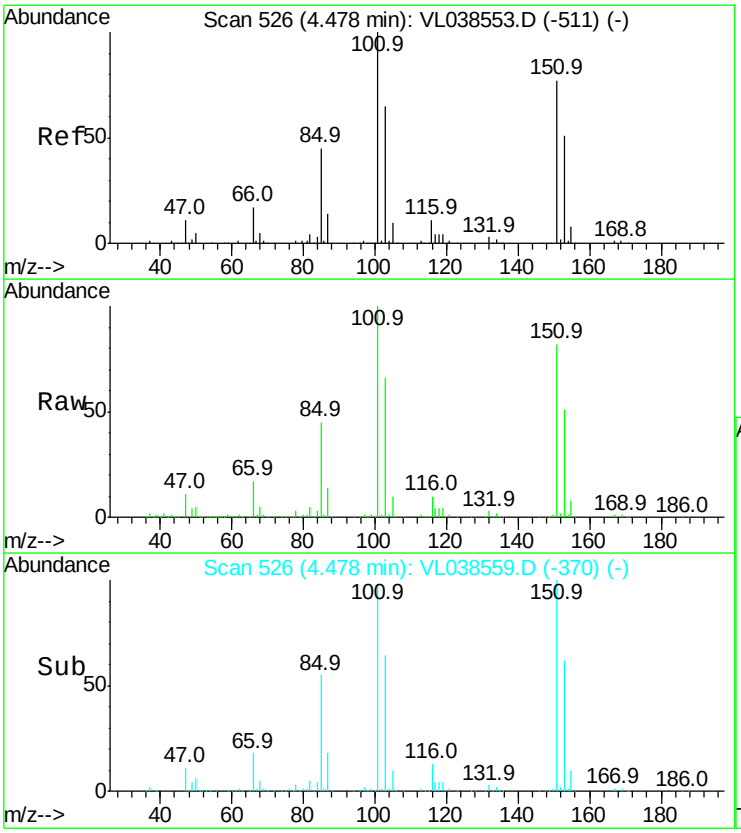
#11
Trichlorofluoromethane
Concen: 11.60 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 1613907

Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.0	78.0

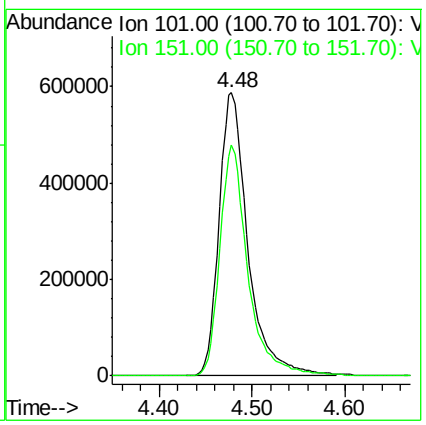


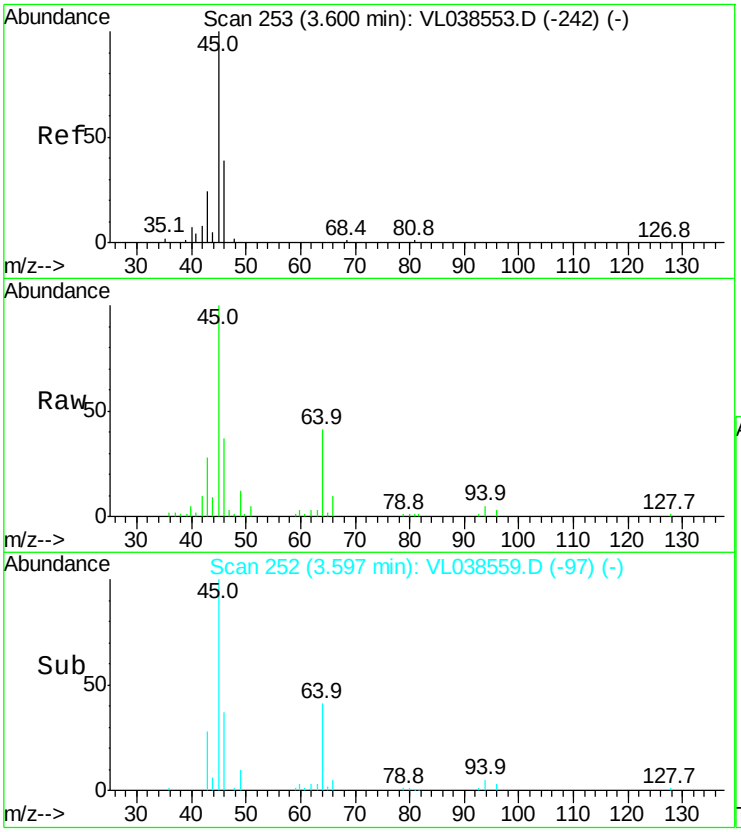


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.47 ppbv
RT: 4.48 min Scan# 526
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:101 Resp: 1271898

Ion	Ratio	Lower	Upper
101	100		
151	79.4	63.4	95.0



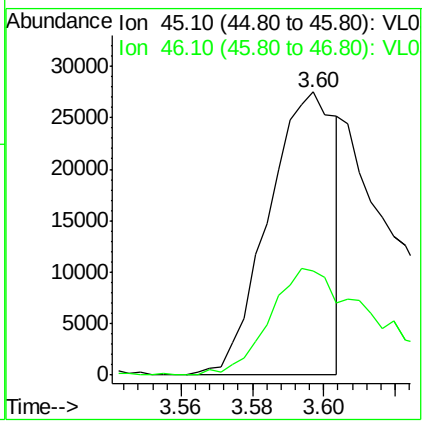


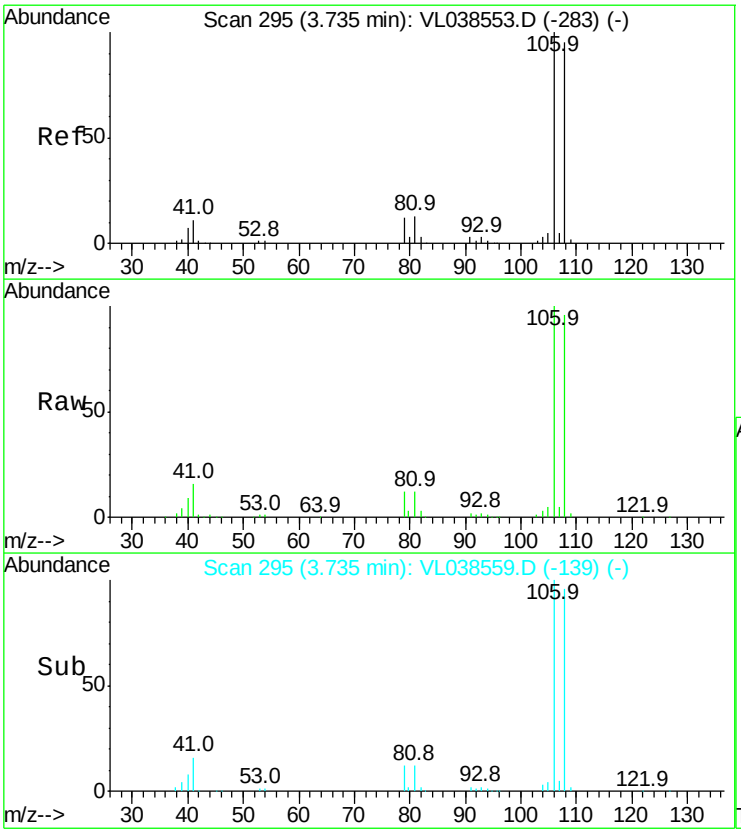
#13
Ethanol
Concen: 6.71 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 35830

Ion	Ratio	Lower	Upper
45	100		
46	72.4	16.8	67.0#

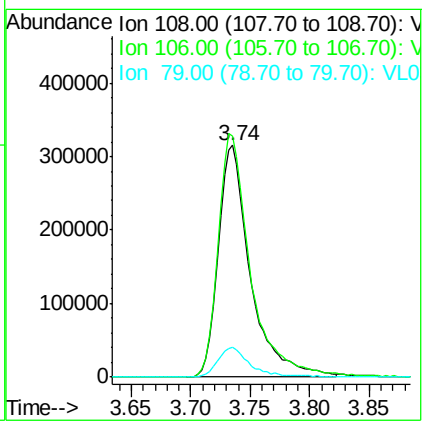


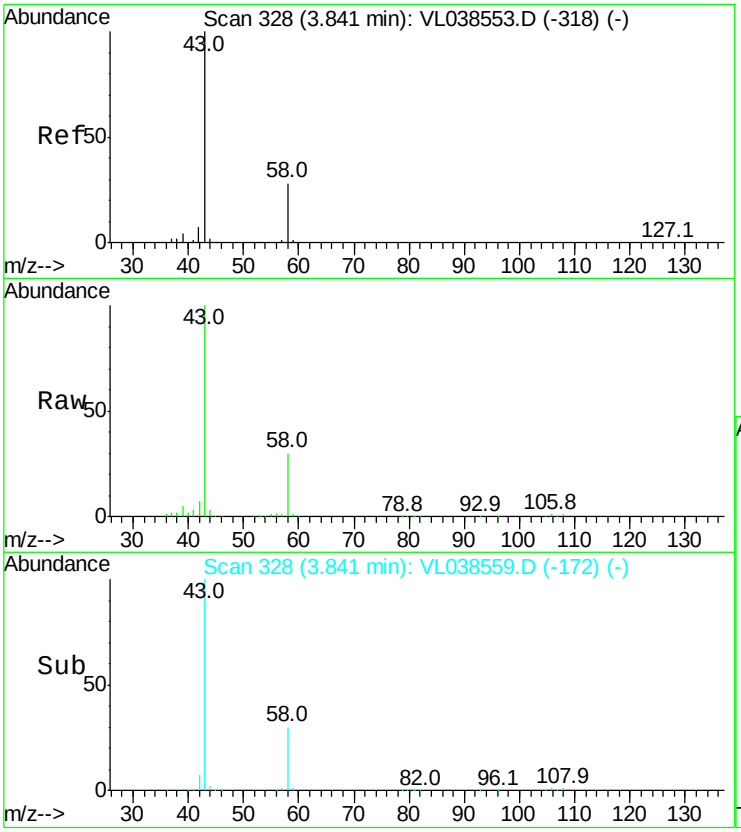


#14
Bromoethene
Concen: 14.50 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:108 Resp: 588976

Ion	Ratio	Lower	Upper
108	100		
106	106.7	85.9	128.9
79	13.4	11.0	16.6



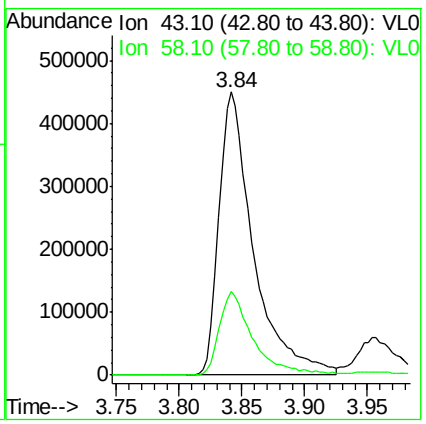


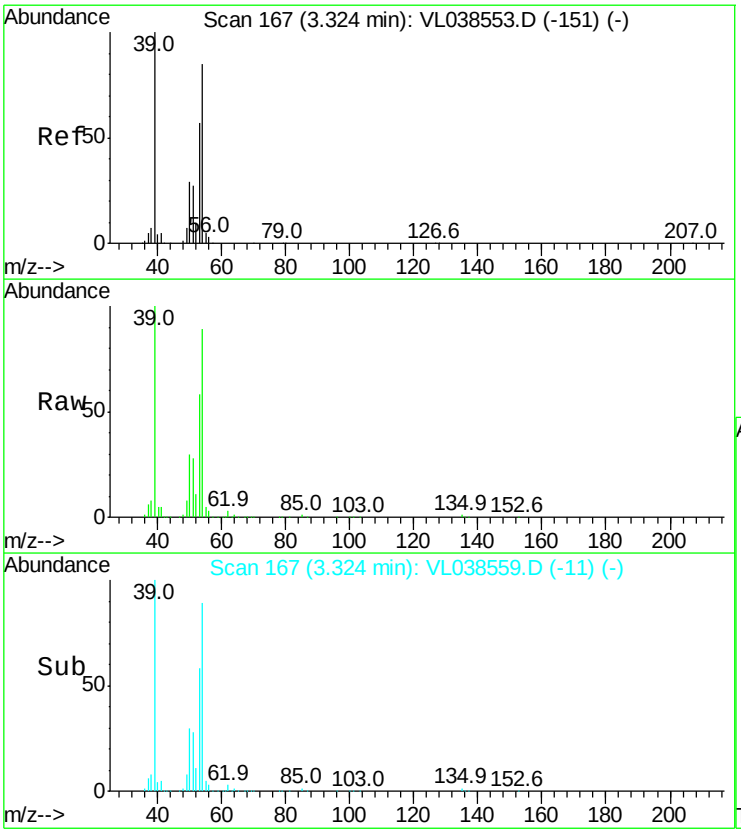
#15
Acetone
Concen: 10.98 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 856480

Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.7	34.1

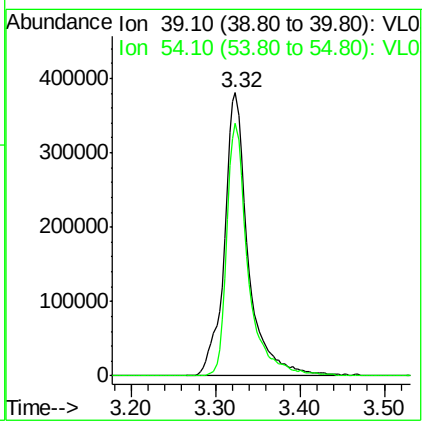


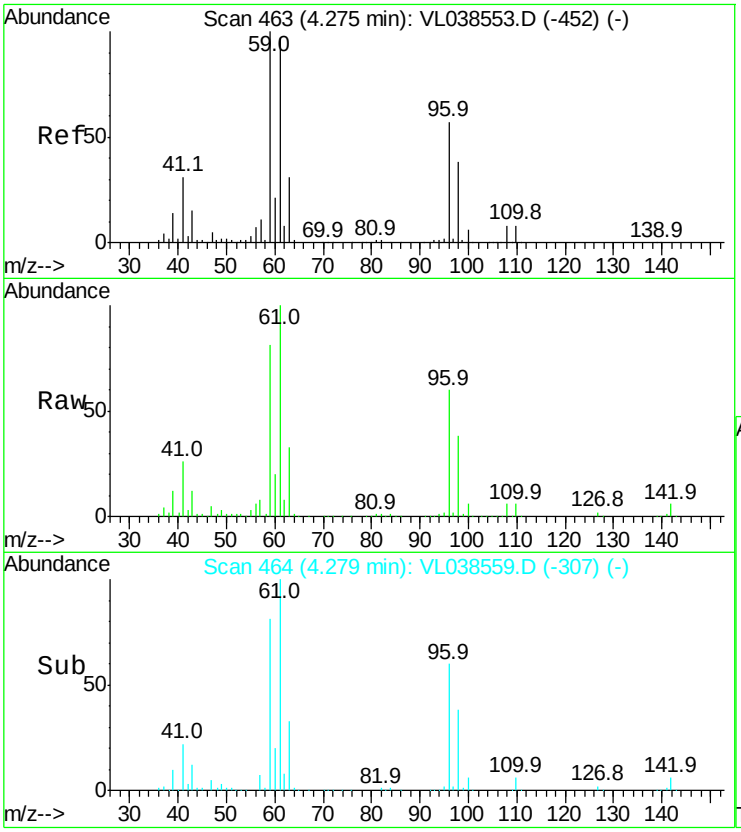


#16
1,3-Butadiene
Concen: 14.24 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 39 Resp: 741808

Ion	Ratio	Lower	Upper
39	100		
54	80.8	64.2	96.2



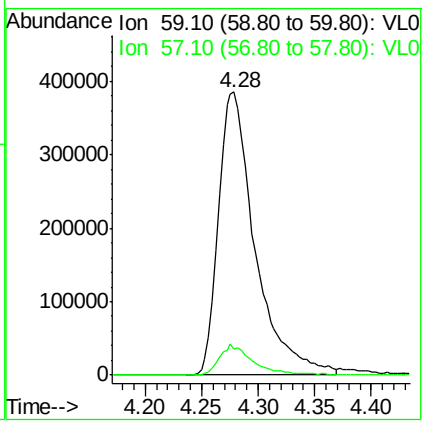


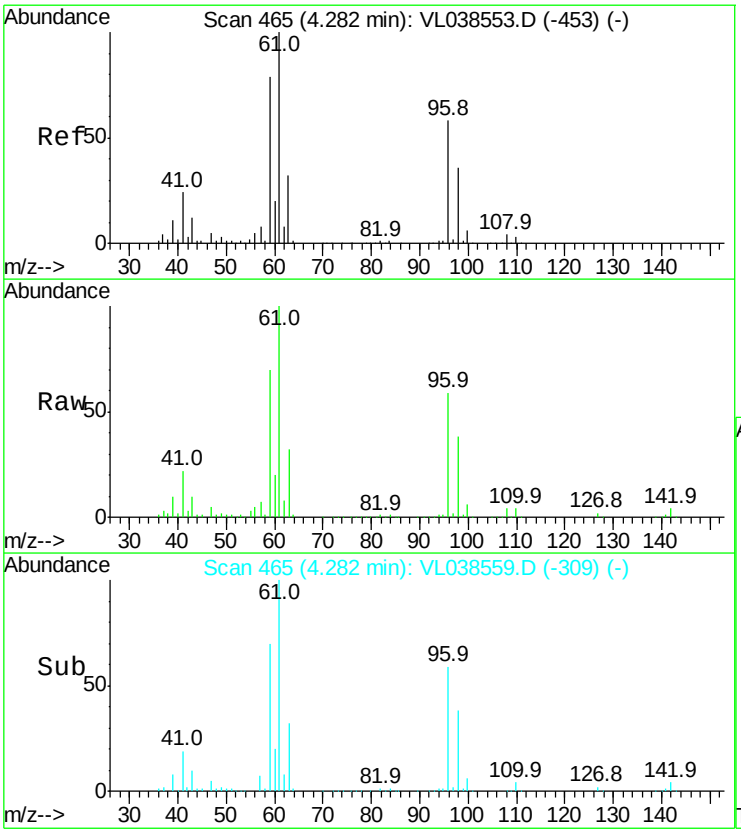
#17
tert-Butyl alcohol
Concen: 11.17 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 869145

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

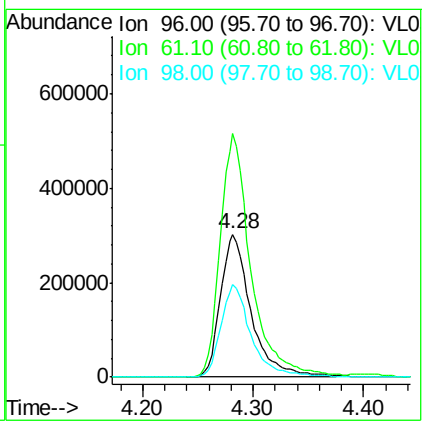


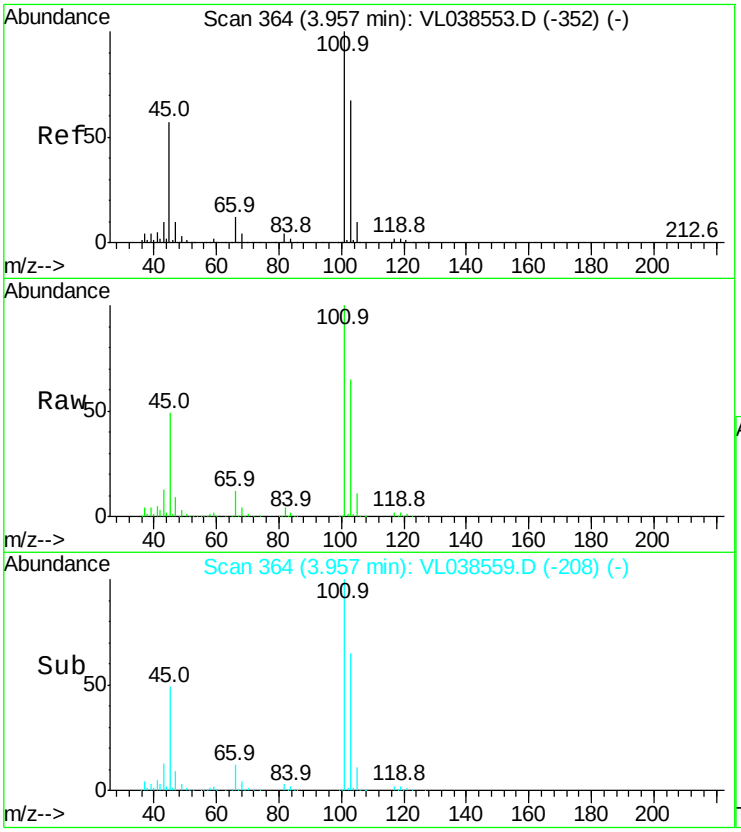


#18
1,1-Dichloroethene
Concen: 13.02 ppbv
RT: 4.28 min Scan# 465
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 96 Resp: 582856

Ion	Ratio	Lower	Upper
96	100		
61	170.6	137.4	206.0
98	65.0	49.3	73.9



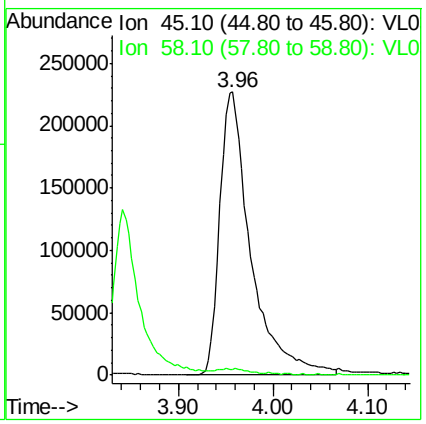


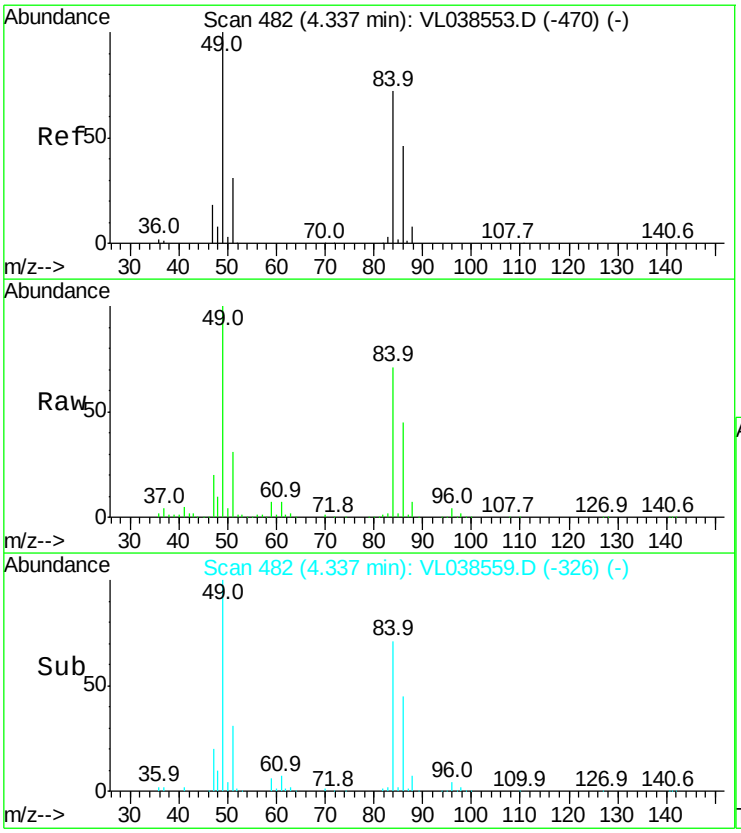
#19
Isopropyl Alcohol
Concen: 11.47 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 517969

Ion	Ratio	Lower	Upper
45	100		
58	3.3	2.2	3.2#

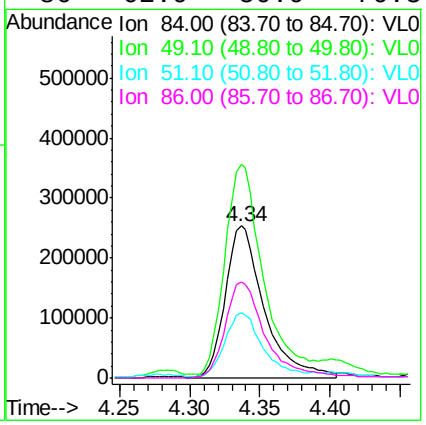


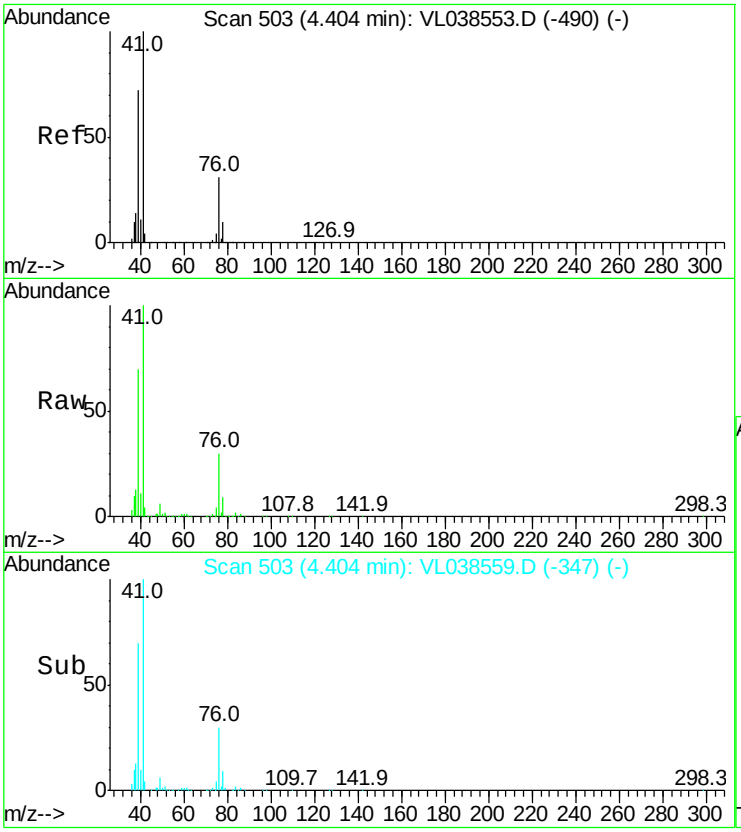


#20
Methylene Chloride
Concen: 12.53 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 84 Resp: 484308

Ion	Ratio	Lower	Upper
84	100		
49	138.1	111.1	166.7
51	42.0	34.0	51.0
86	62.9	50.9	76.3



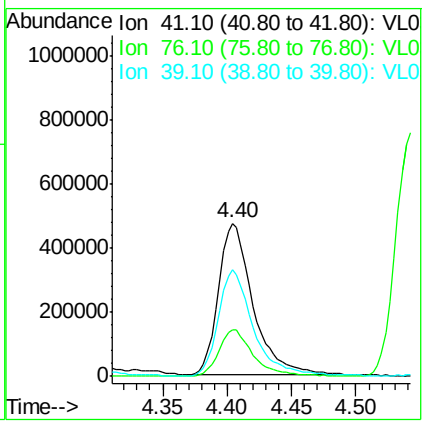


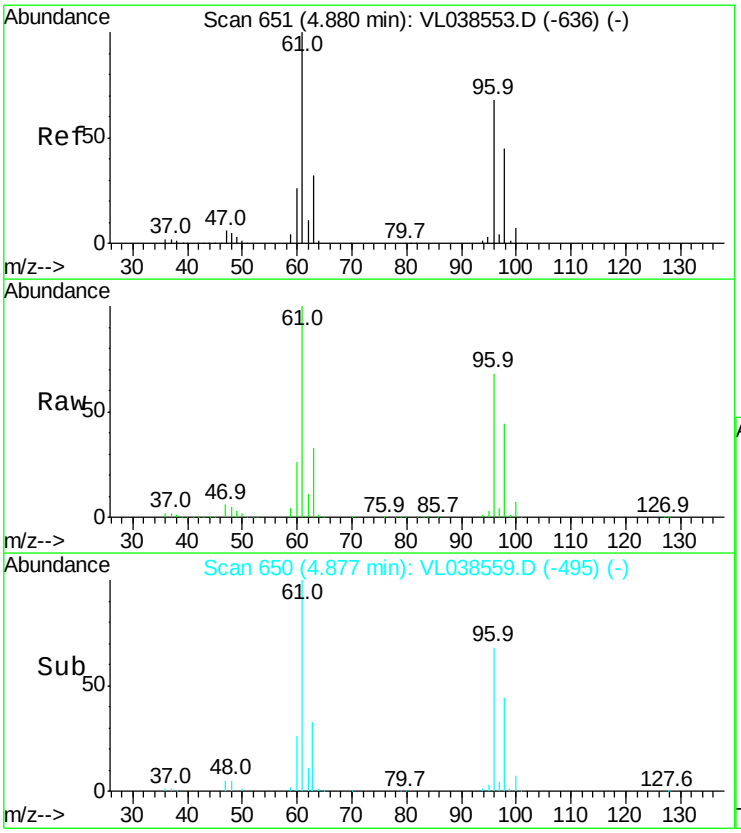
#21
Allyl Chloride
Concen: 13.30 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 876073

Ion	Ratio	Lower	Upper
41	100		
76	31.2	24.3	36.5
39	70.9	57.1	85.7

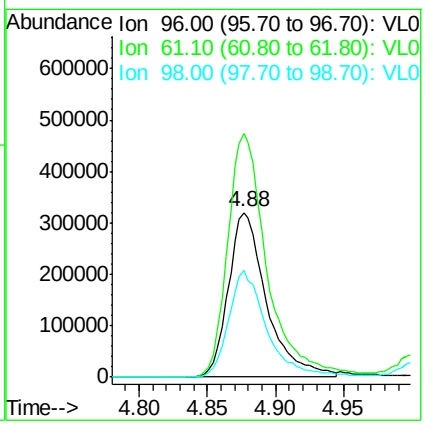


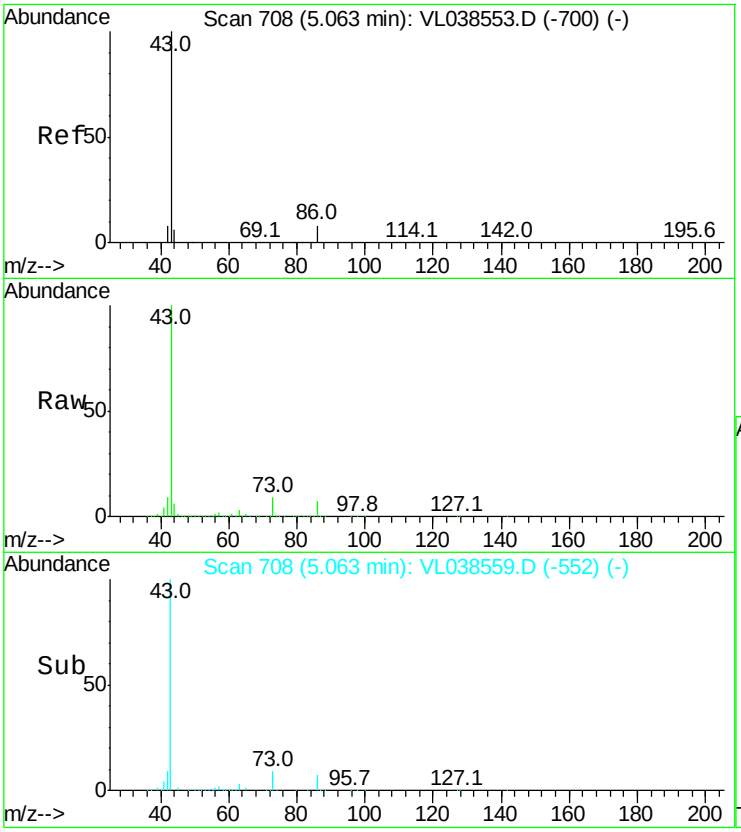


#22
trans-1,2-Dichloroethene
Concen: 13.77 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 96 Resp: 622203

Ion	Ratio	Lower	Upper
96	100		
61	147.6	117.6	176.4
98	64.7	52.6	78.8



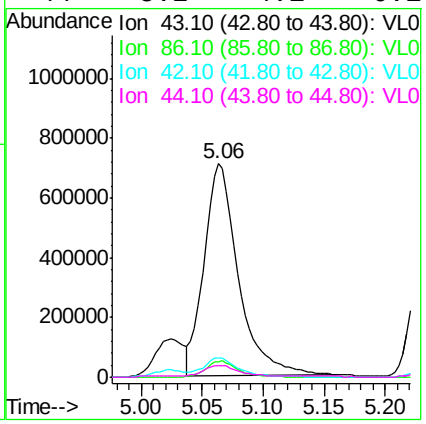


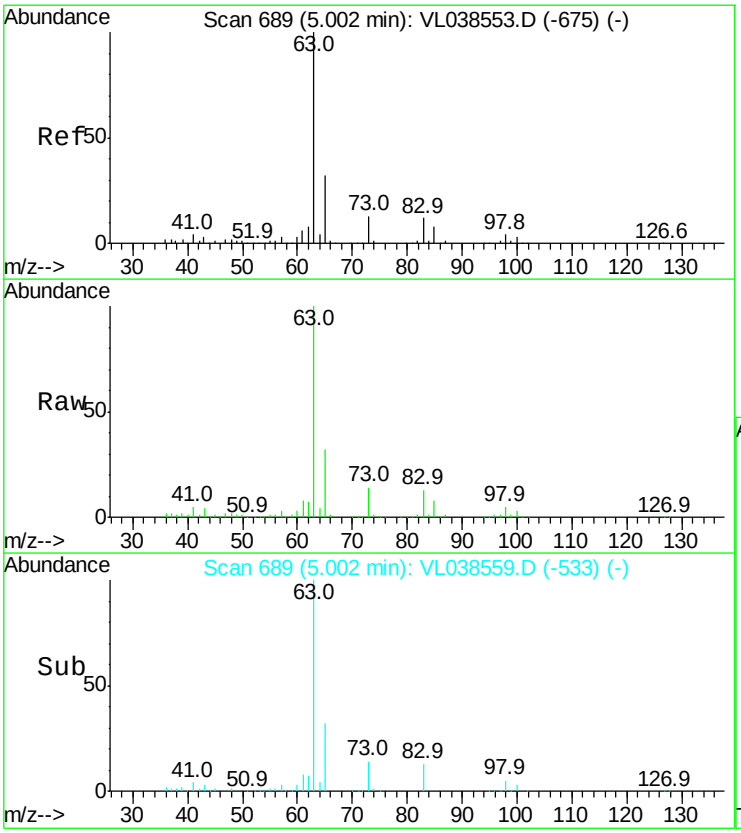
#23
Vinyl Acetate
Concen: 13.53 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1398709

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.6	8.4
42	9.2	7.1	10.7
44	5.2	4.1	6.1

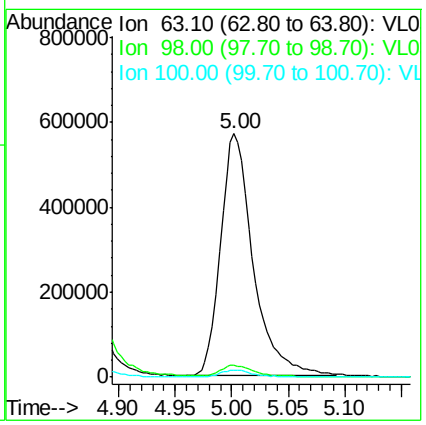


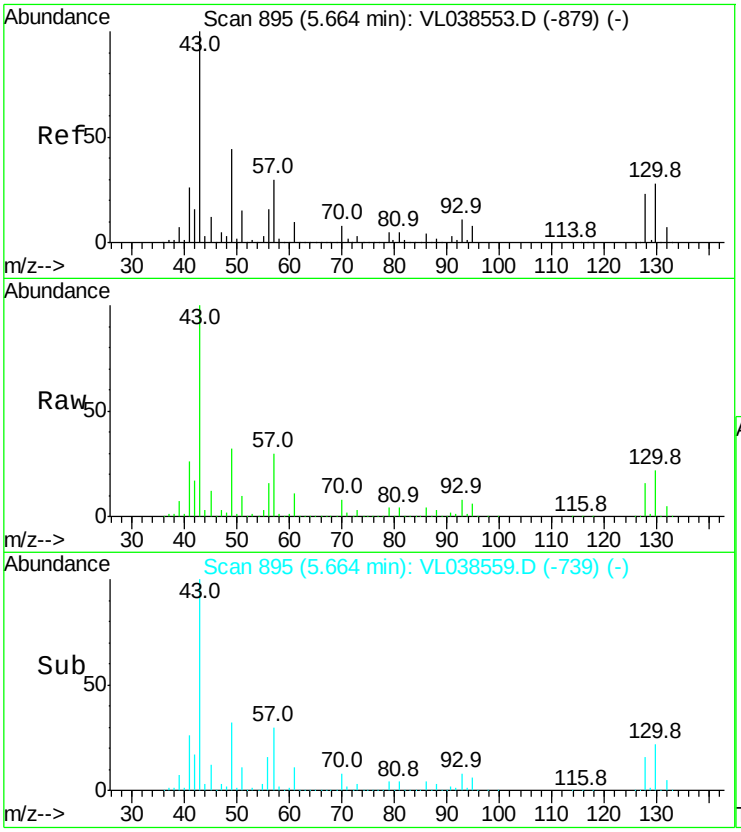


#24
1,1-Dichloroethane
Concen: 12.35 ppbv
RT: 5.00 min Scan# 689
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 63 Resp: 1147696

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.2	6.6
100	2.8	1.5	4.5



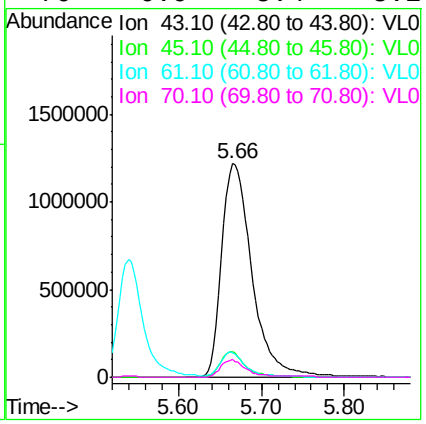


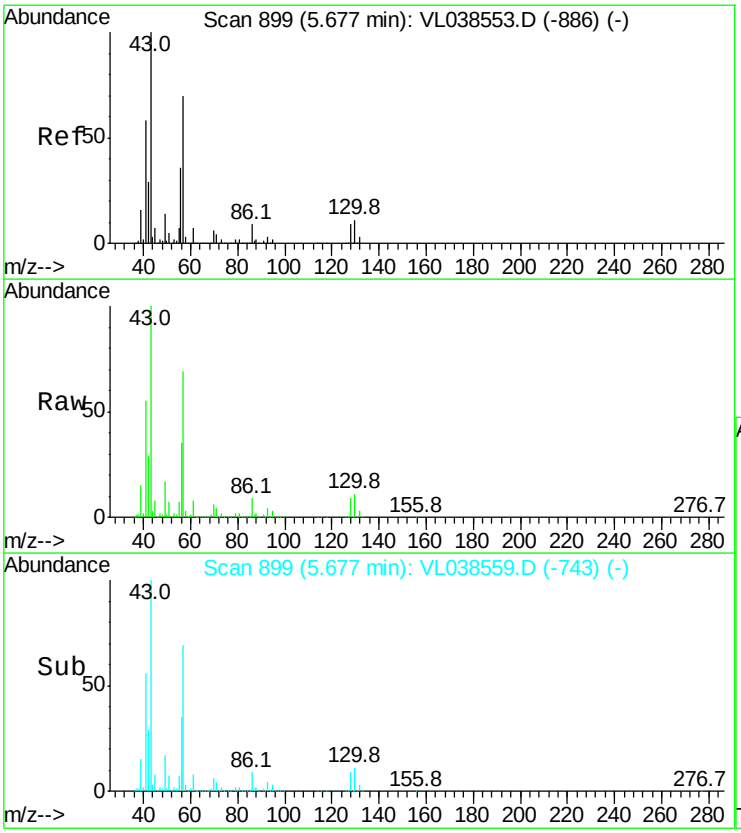
#25
Ethyl Acetate
Concen: 14.72 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 3084752

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	10.2	8.2	12.4
70	6.9	5.4	8.2

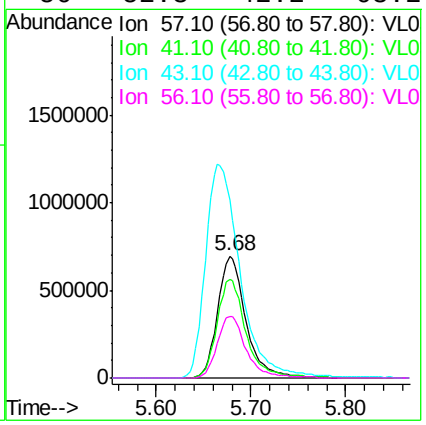


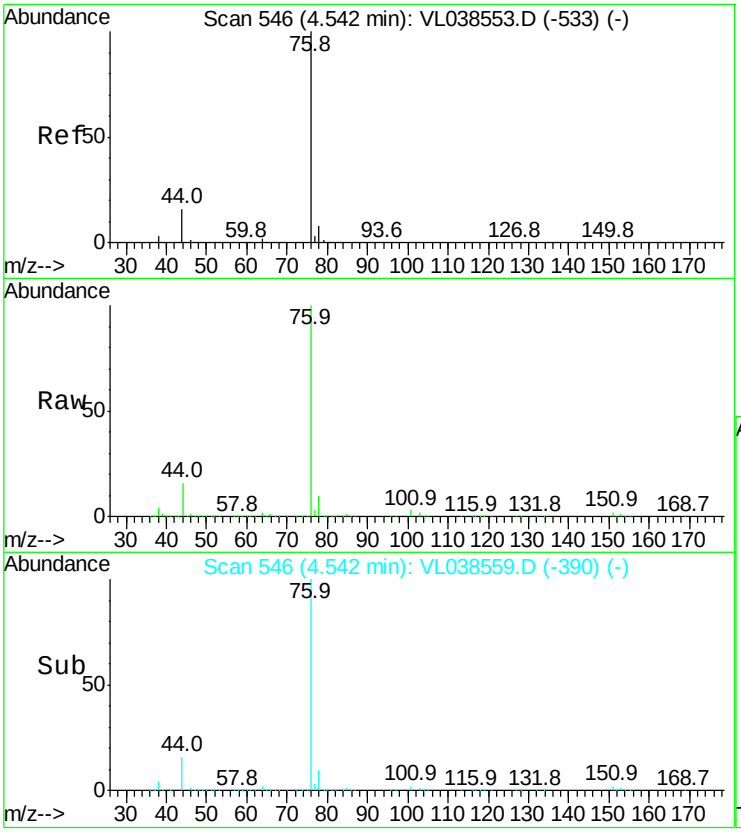


#26
Hexane
Concen: 15.23 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 57 Resp: 1445734

Ion	Ratio	Lower	Upper
57	100		
41	83.4	67.8	101.6
43	214.9	173.6	260.4
56	52.3	42.2	63.2



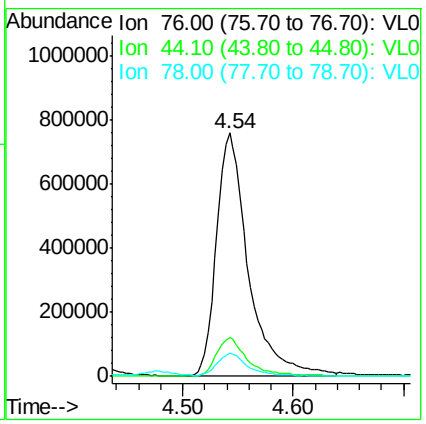


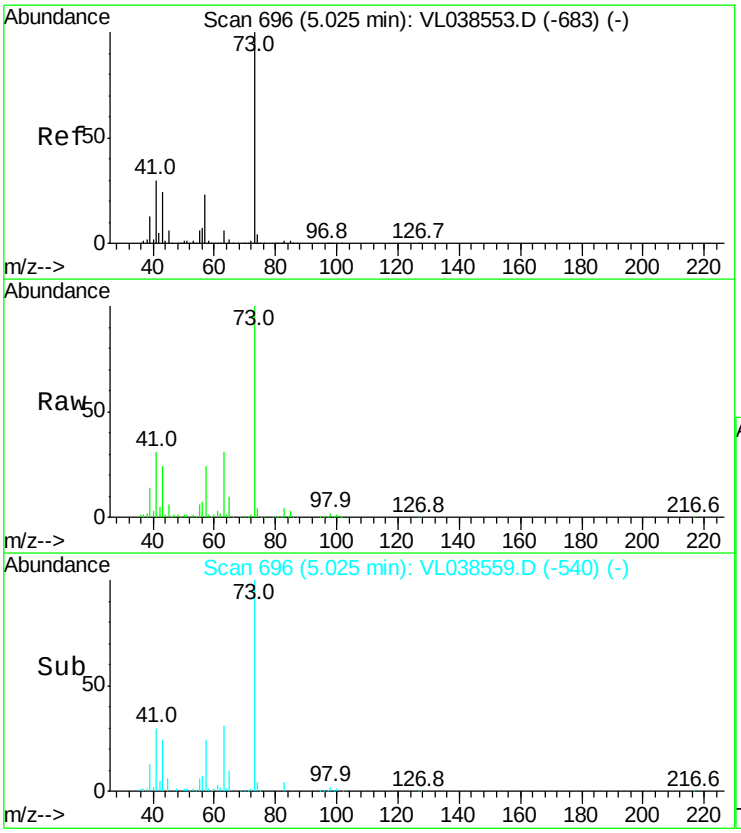
#27
Carbon Disulfide
Concen: 14.38 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 1518486

Ion	Ratio	Lower	Upper
76	100		
44	15.8	12.9	19.3
78	9.8	7.8	11.6

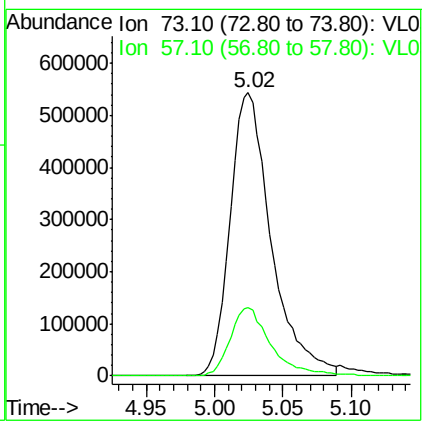


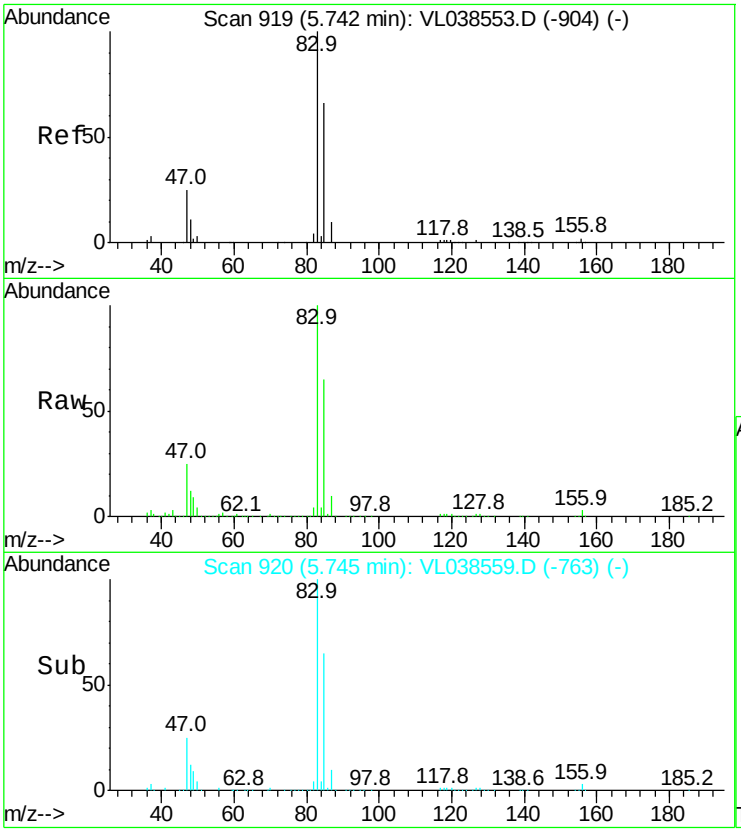


#28
Methyl tert-Butyl Ether
Concen: 11.79 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 73 Resp: 1139860

Ion	Ratio	Lower	Upper
73	100		
57	24.3	18.8	28.2



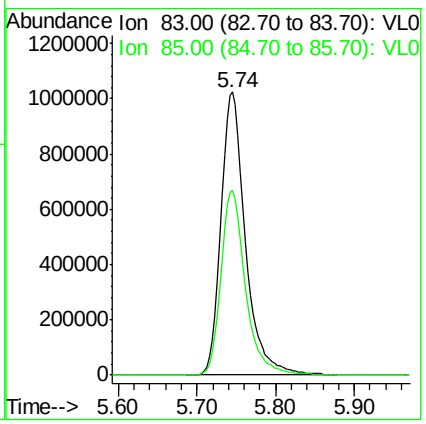


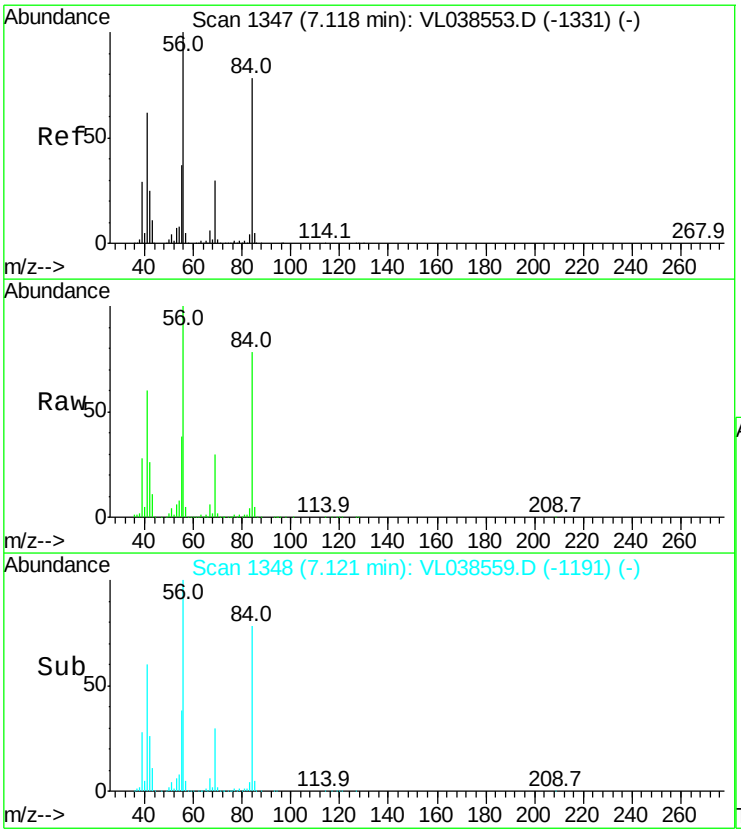
#29
Chloroform
Concen: 14.17 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2194701

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.8	79.2

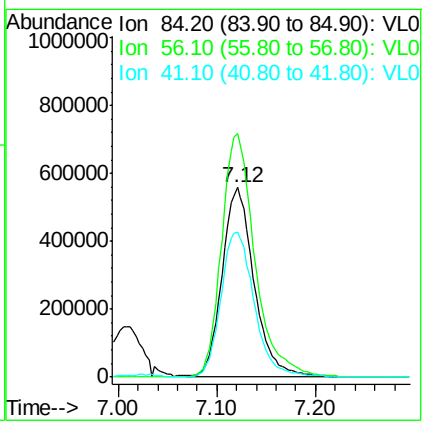


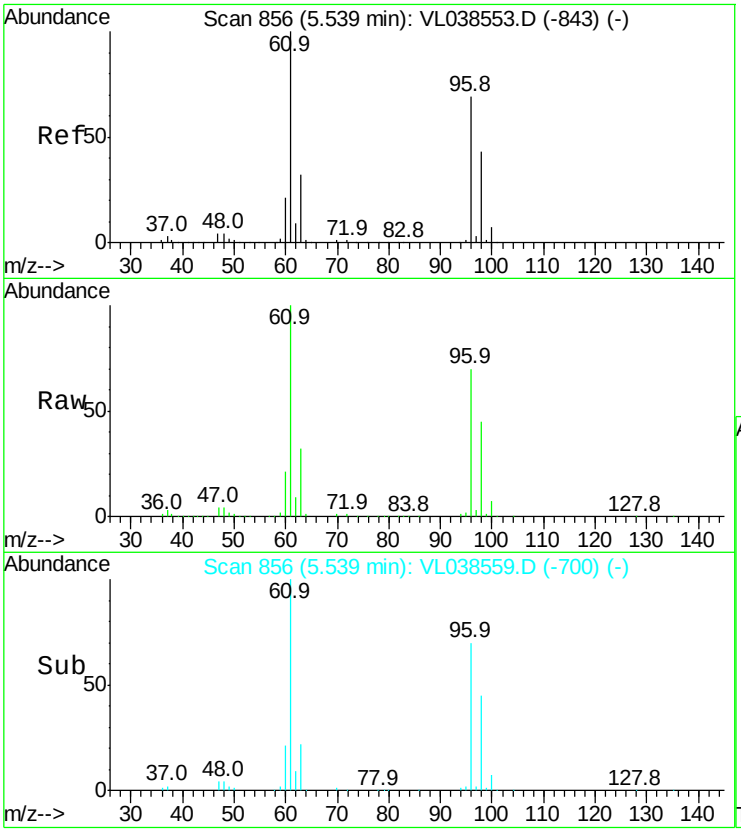


#30
Cyclohexane
Concen: 16.15 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 84 Resp: 1253739

Ion	Ratio	Lower	Upper
84	100		
56	135.4	111.4	167.0
41	80.2	65.5	98.3



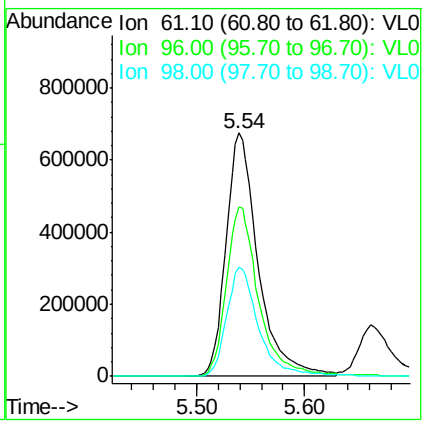


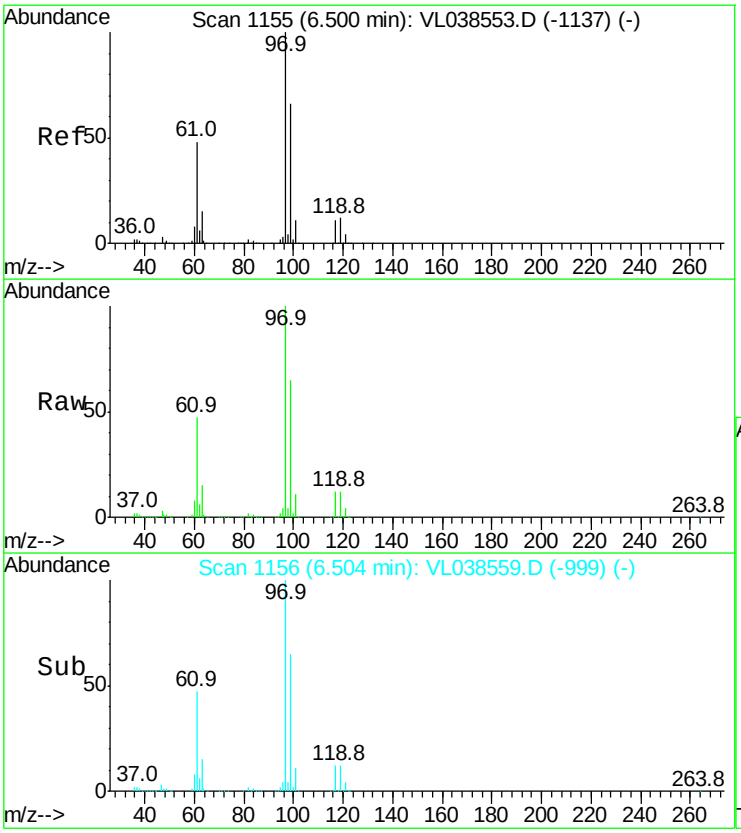
#31
cis-1,2-Dichloroethene
Concen: 15.19 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1396611

Ion	Ratio	Lower	Upper
61	100		
96	69.5	55.2	82.8
98	44.6	34.2	51.4

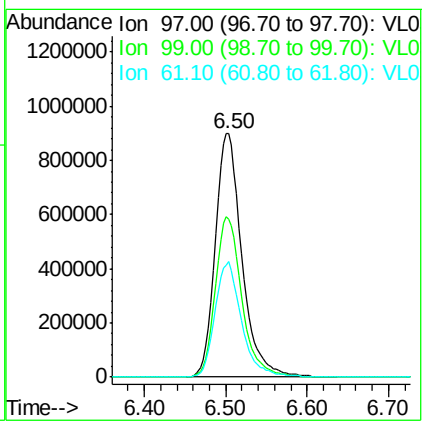


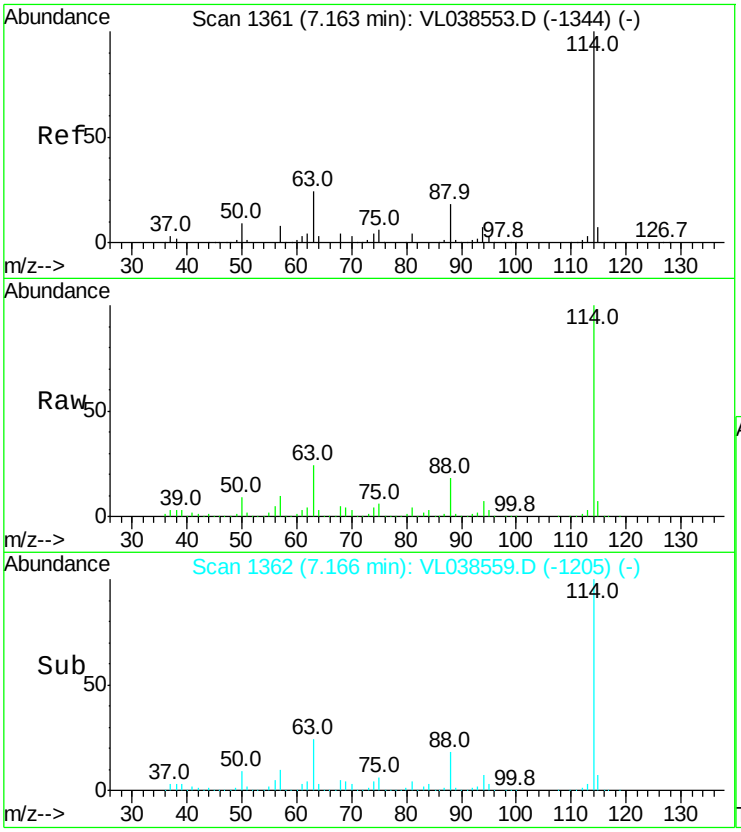


#32
1,1,1-Trichloroethane
Concen: 13.39 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 97 Resp: 2085921

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.1	78.1
61	47.0	37.7	56.5



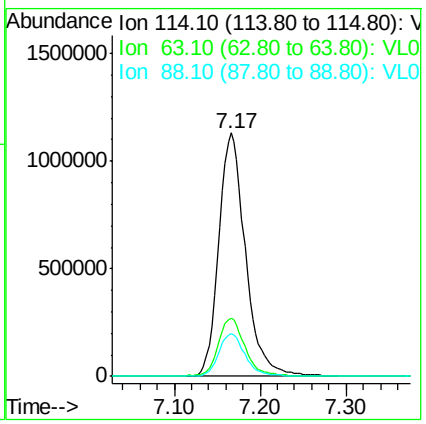


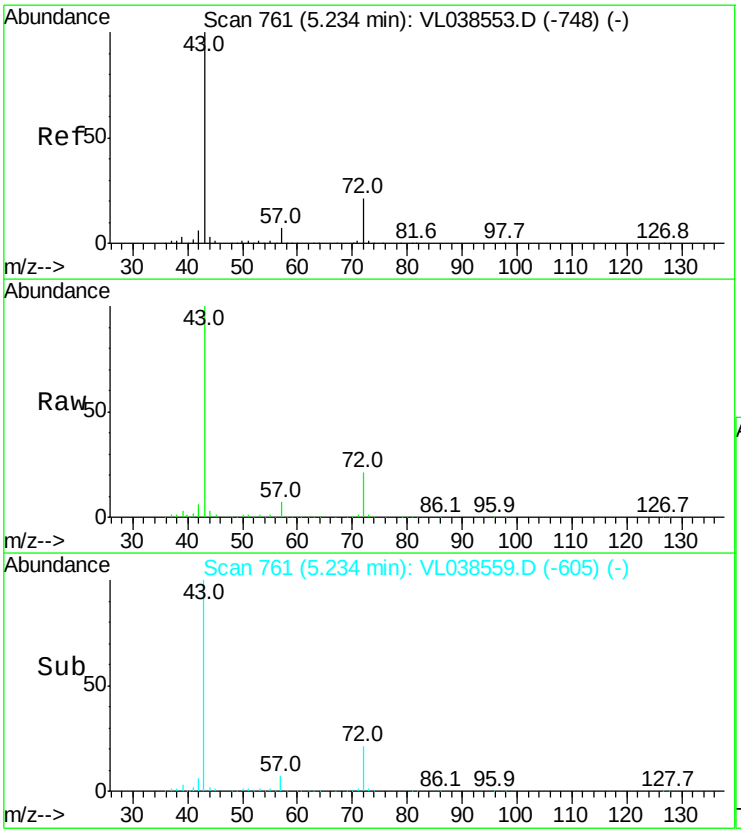
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 2444764

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.3	13.9	20.9

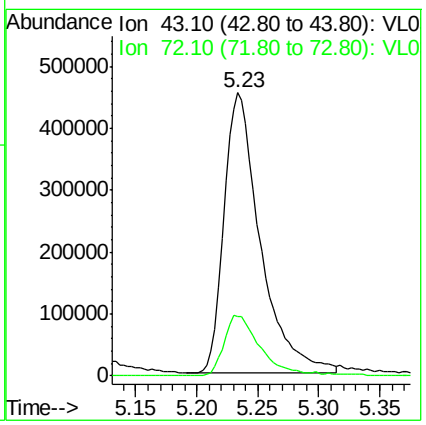


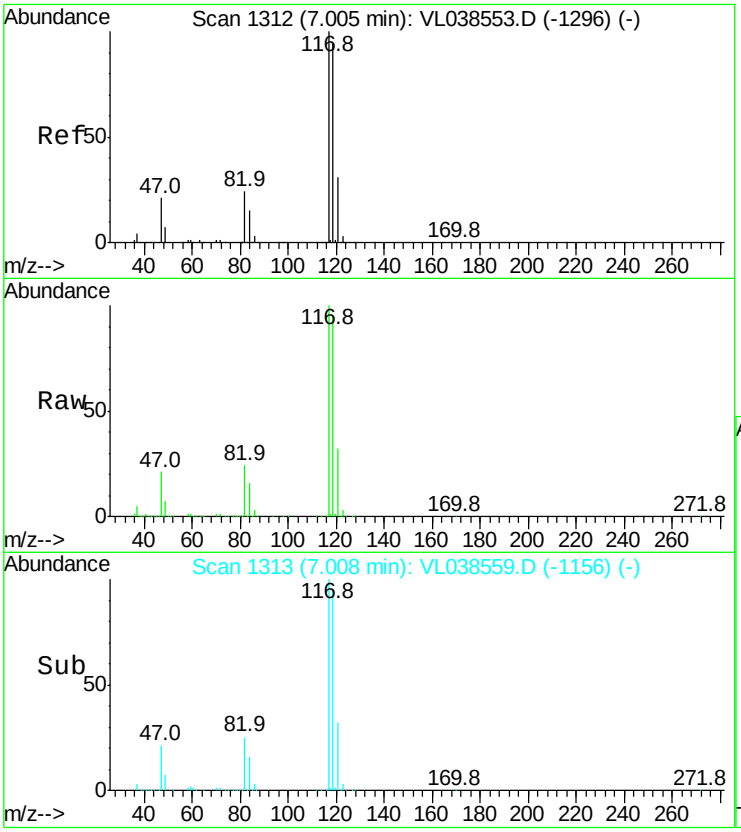


#34
2-Butanone
Concen: 12.25 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 43 Resp: 941691

Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.6



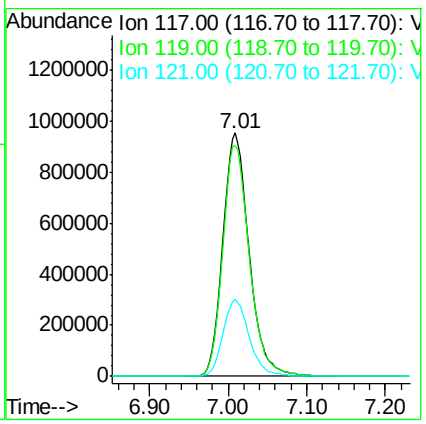


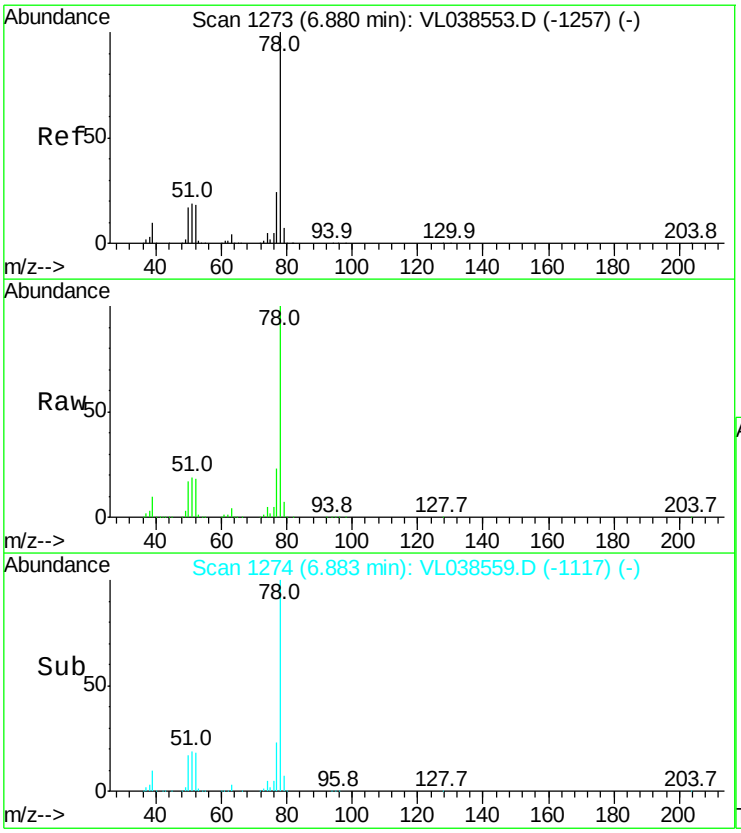
#35
Carbon Tetrachloride
Concen: 12.77 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2195491

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.2	112.8
121	31.9	24.8	37.2

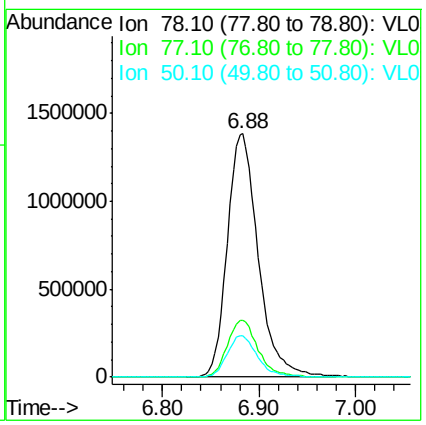


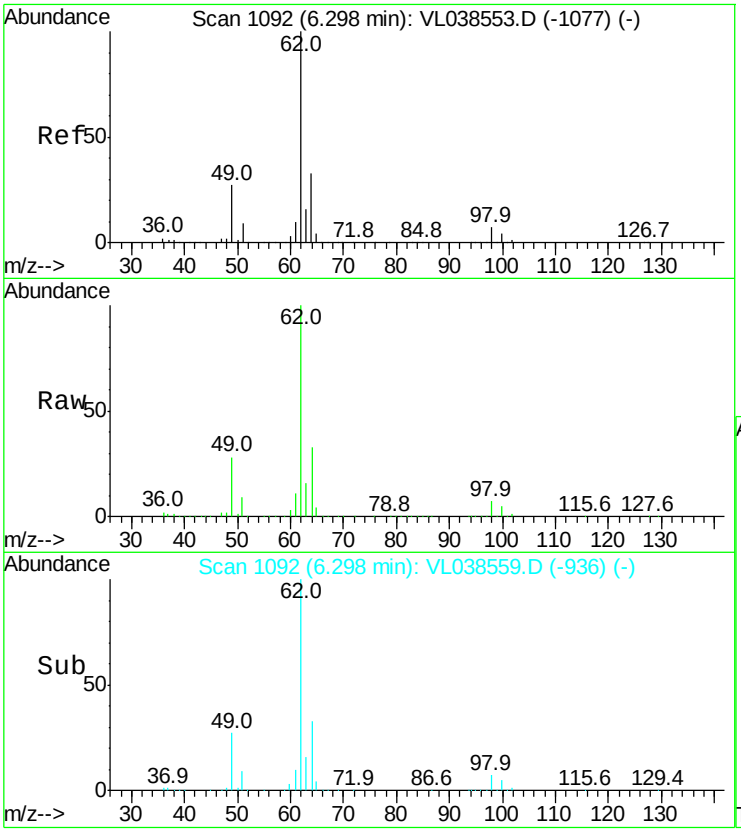


#36
Benzene
Concen: 14.31 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 78 Resp: 3078854

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4
50	17.2	13.9	20.9



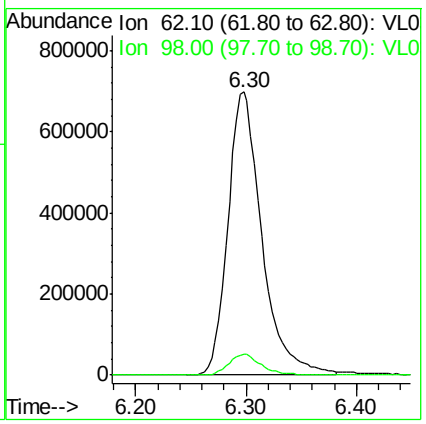


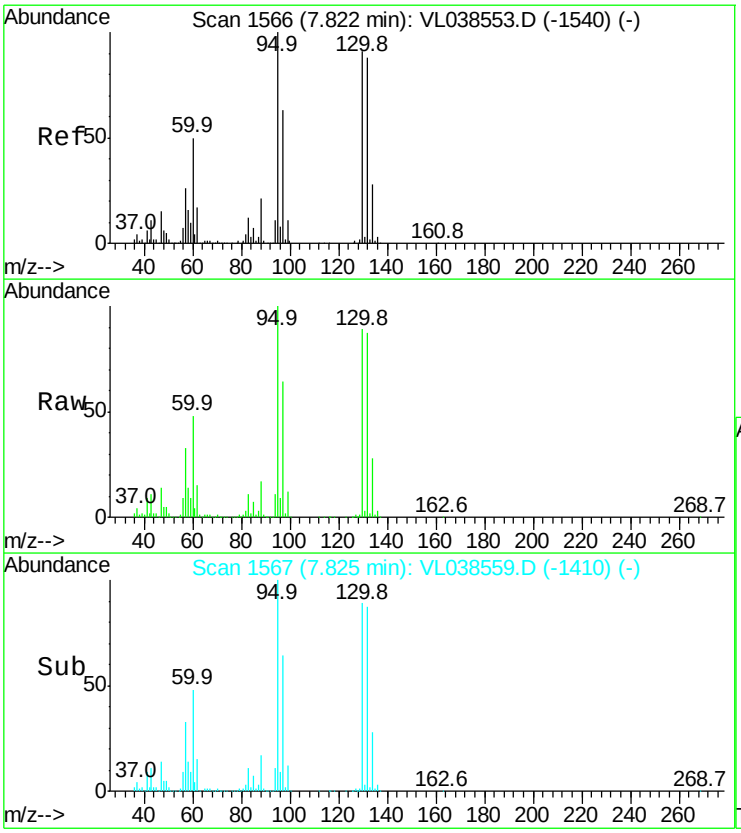
#37
1,2-Dichloroethane
Concen: 11.99 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1490760

Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.7	8.5

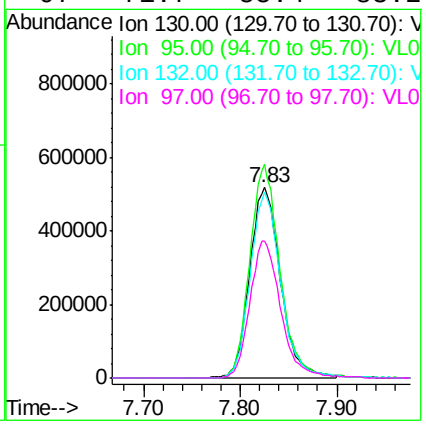


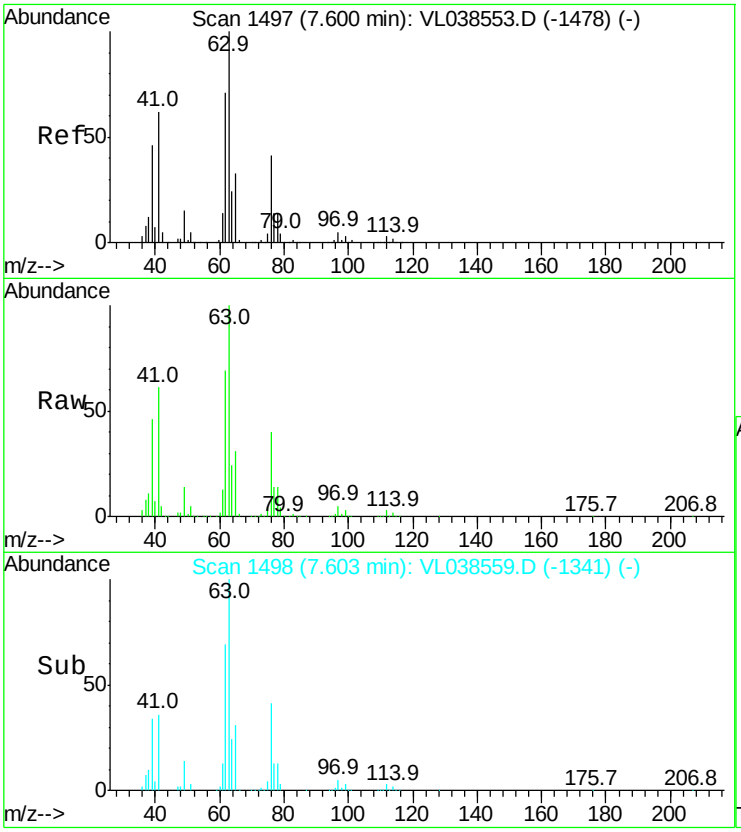


#38
Trichloroethene
Concen: 14.64 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:130 Resp: 1147930

Ion	Ratio	Lower	Upper
130	100		
95	112.3	87.8	131.8
132	97.4	77.5	116.3
97	71.7	55.4	83.2



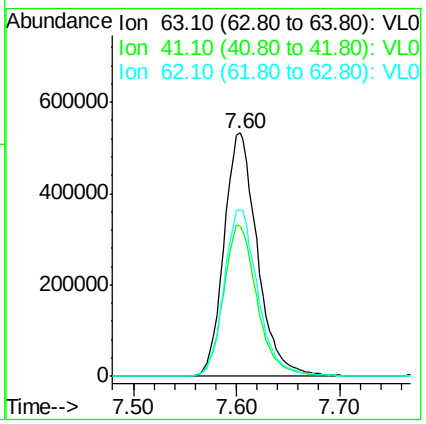


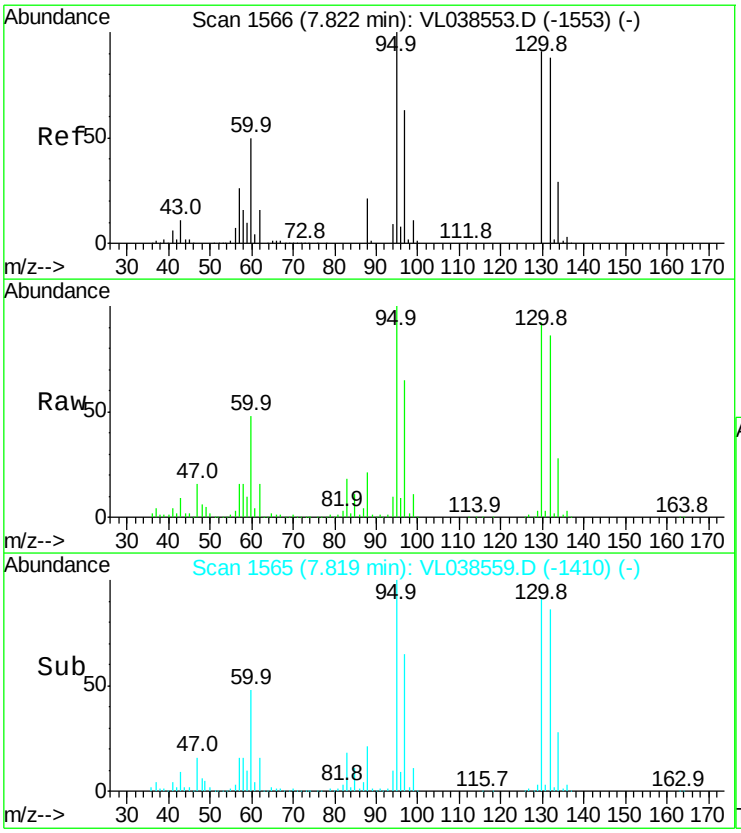
#39
1,2-Dichloropropane
Concen: 13.99 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 1199095

Ion	Ratio	Lower	Upper
63	100		
41	61.3	49.8	74.6
62	68.6	56.7	85.1

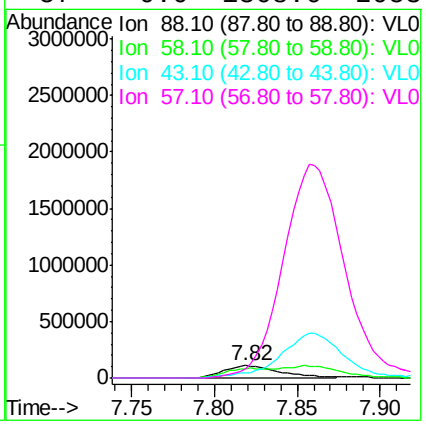


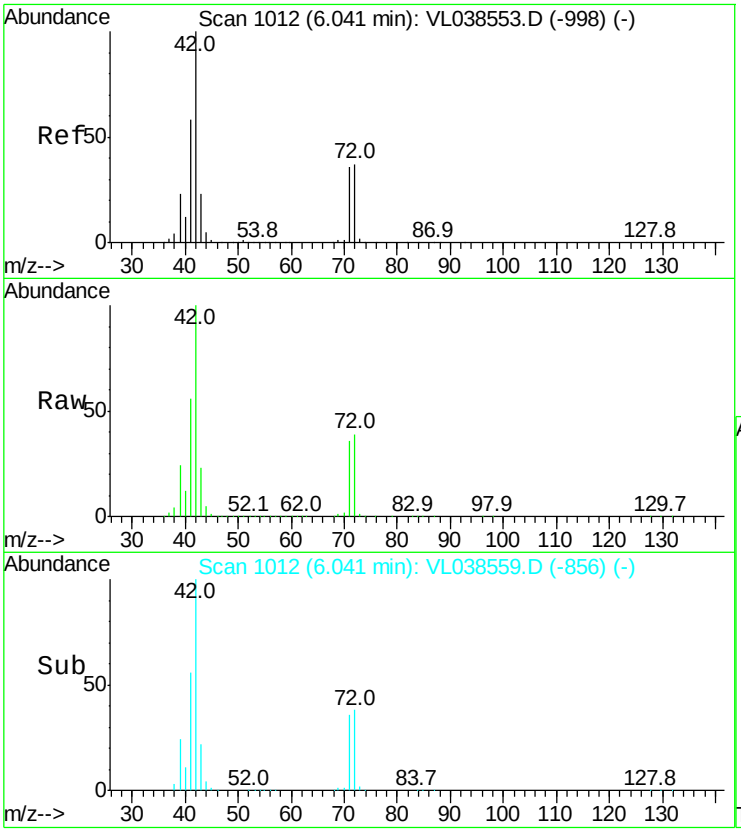


#40
1,4-Dioxane
Concen: 12.46 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 88 Resp: 253393

Ion	Ratio	Lower	Upper
88	100		
58	0.0	126.7	190.1#
43	0.0	303.0	454.6#
57	0.0	1368.6	2053.0#



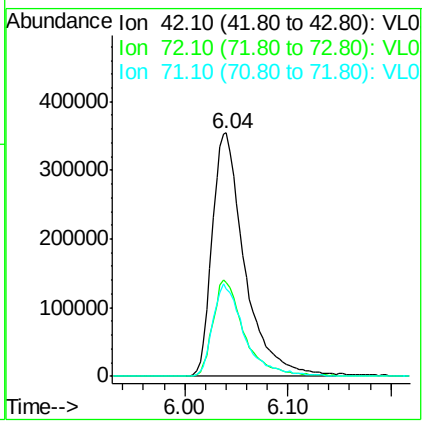


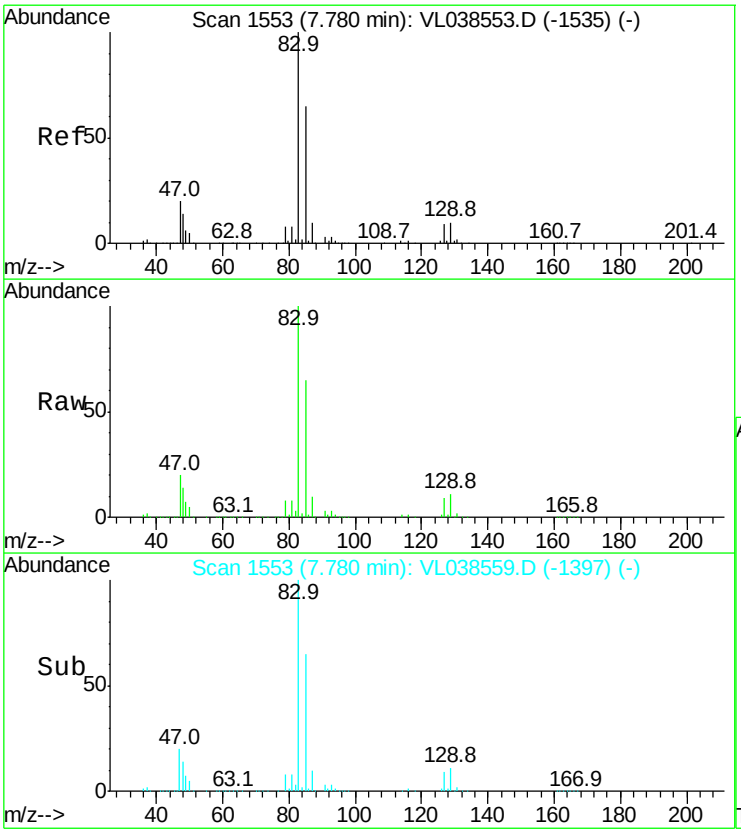
#41
Tetrahydrofuran
Concen: 14.90 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 774093

Ion	Ratio	Lower	Upper
42	100		
72	38.5	30.9	46.3
71	37.5	29.1	43.7

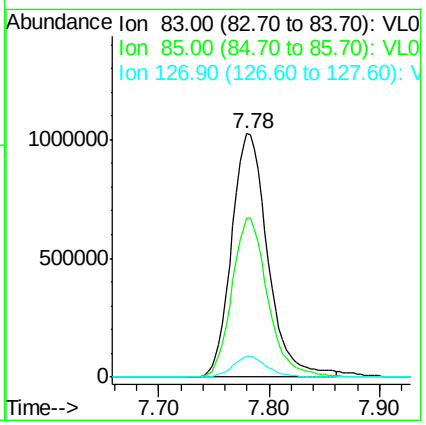


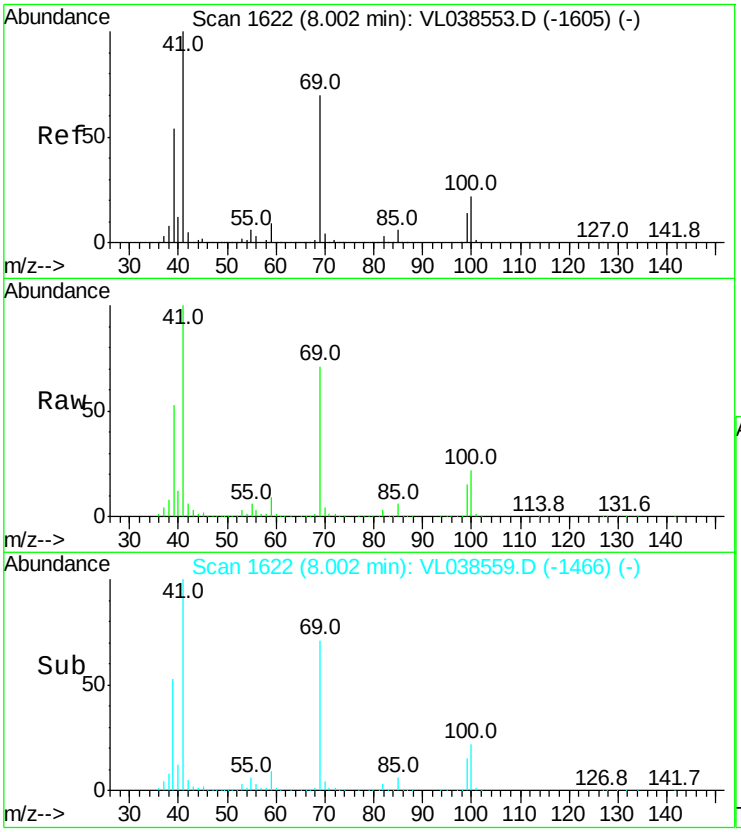


#42
Bromodichloromethane
Concen: 13.01 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 83 Resp: 2337071

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.7	77.5
127	8.6	6.9	10.3



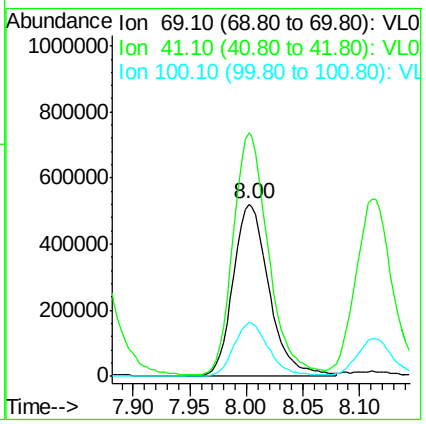


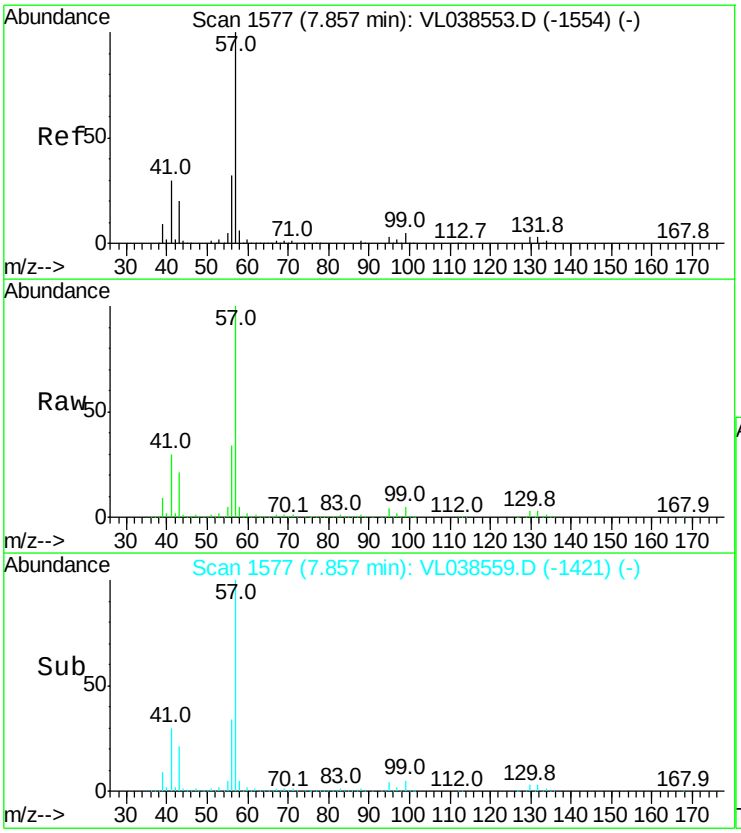
#43
Methyl Methacrylate
Concen: 15.38 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 1150639

Ion	Ratio	Lower	Upper
69	100		
41	139.2	113.8	170.6
100	30.5	24.4	36.6

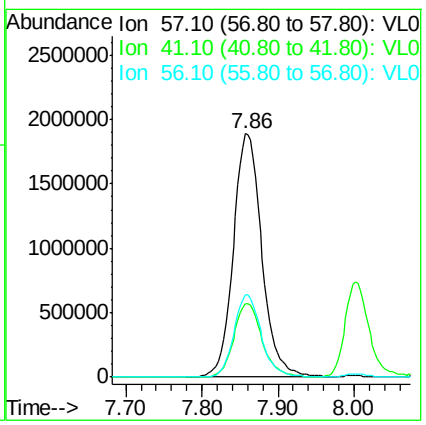


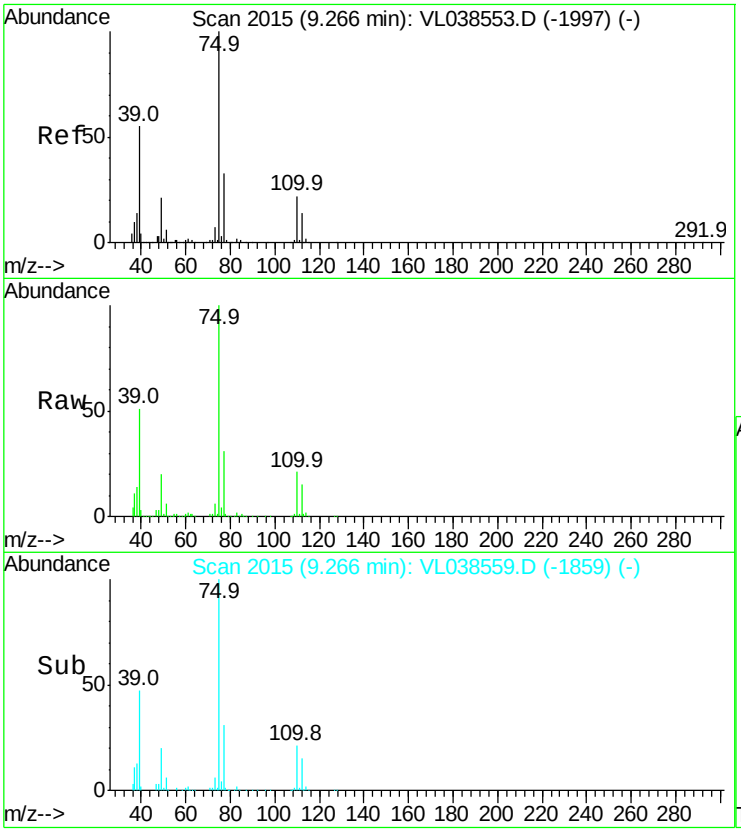


#44
2,2,4-Trimethylpentane
Concen: 13.29 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 57 Resp: 4917922

Ion	Ratio	Lower	Upper
57	100		
41	30.0	24.0	36.0
56	32.5	25.6	38.4



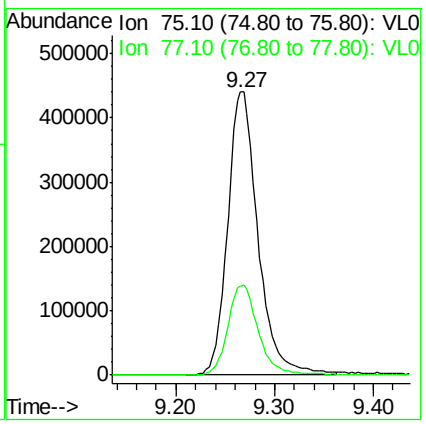


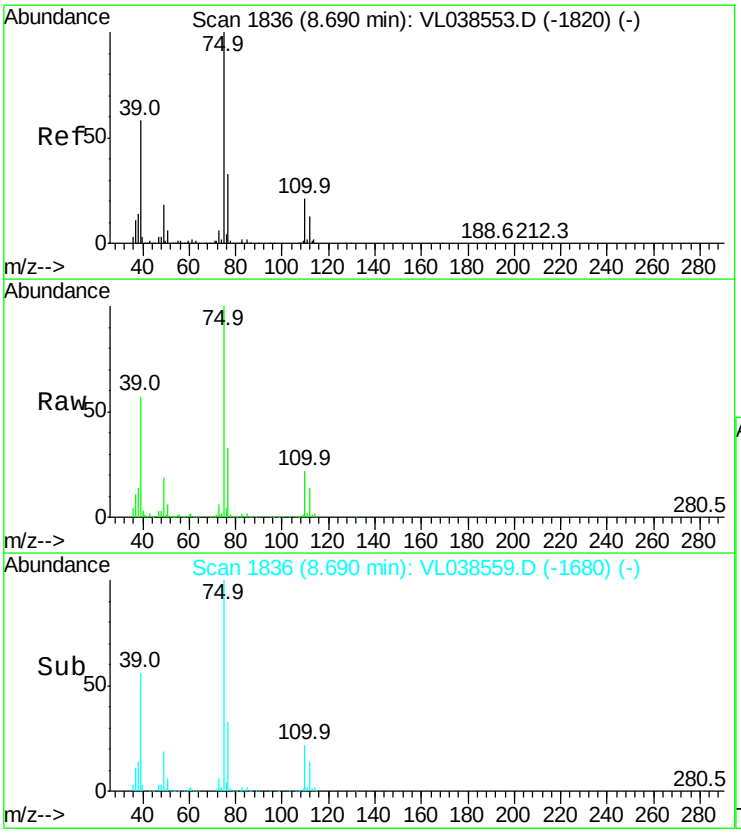
#45
t-1,3-Dichloropropene
Concen: 15.75 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 941820

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	40.0

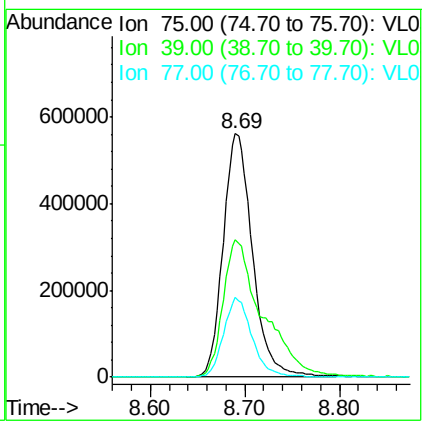


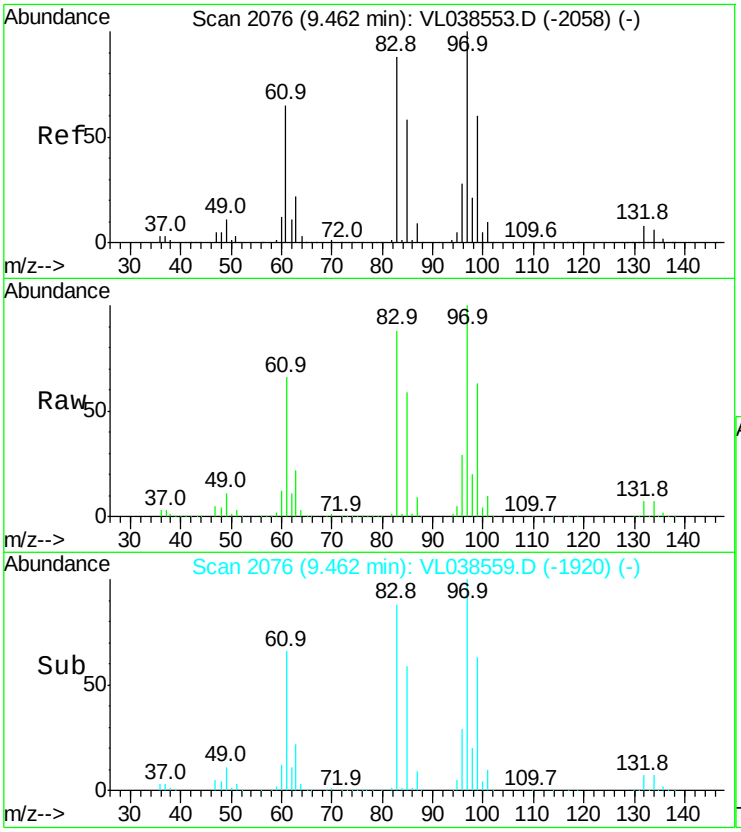


#46
cis-1,3-Dichloropropene
Concen: 15.49 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 75 Resp: 1213811

Ion	Ratio	Lower	Upper
75	100		
39	56.6	46.2	69.2
77	32.8	26.2	39.2



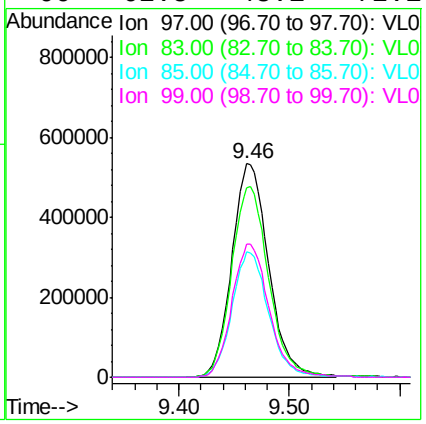


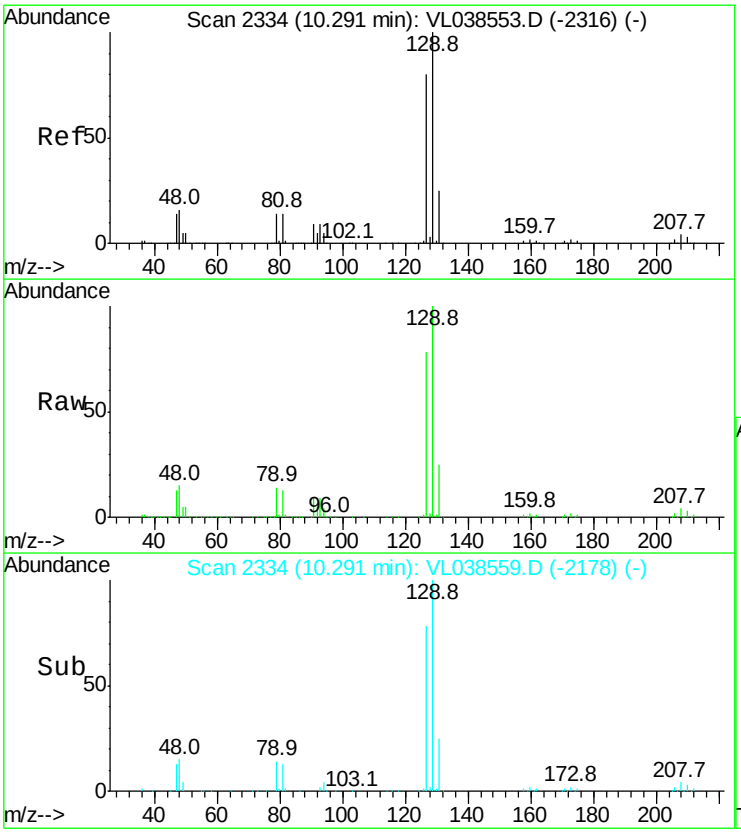
#47
1,1,2-Trichloroethane
Concen: 14.47 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1233853

Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.1	105.1
85	59.0	46.6	69.8
99	62.5	48.1	72.1

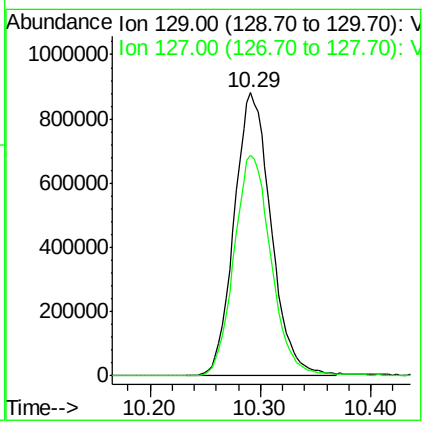


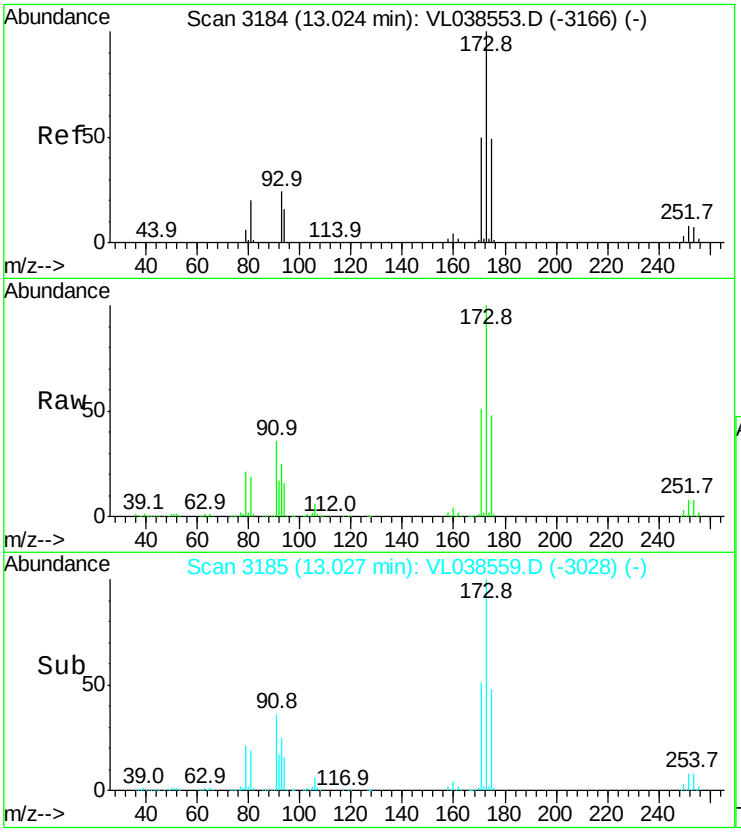


#48
Dibromochloromethane
Concen: 14.62 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:129 Resp: 2038985

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.5	118.3



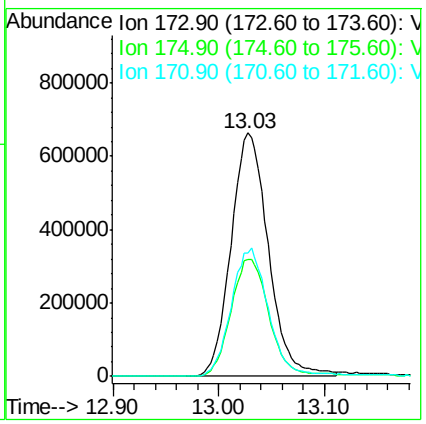


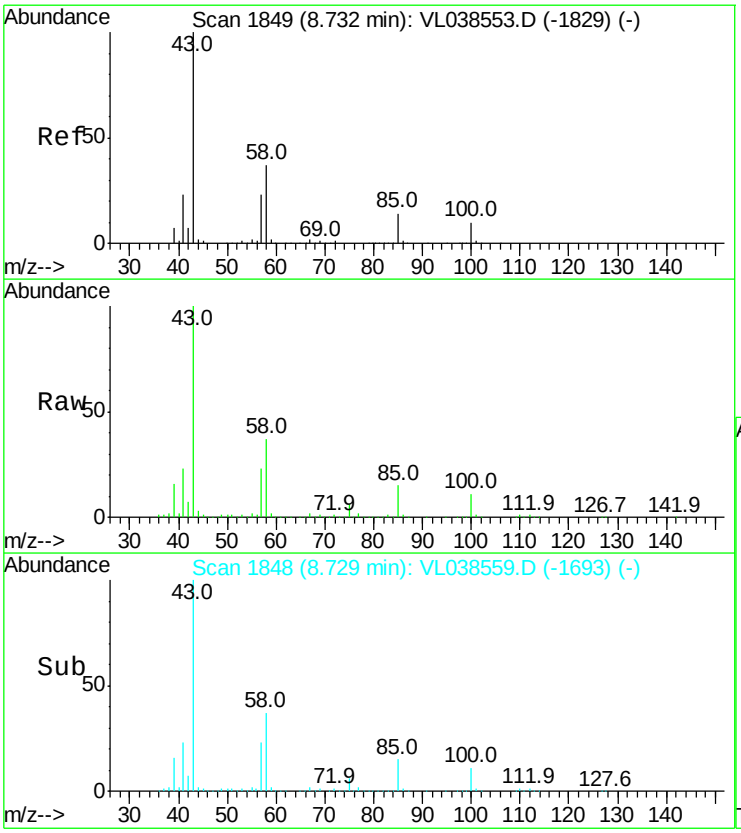
#49
Bromoform
Concen: 15.85 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 1631399

Ion	Ratio	Lower	Upper
173	100		
175	50.8	40.7	61.1
171	53.8	42.9	64.3

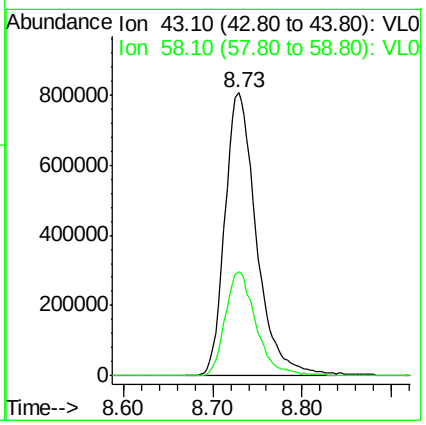


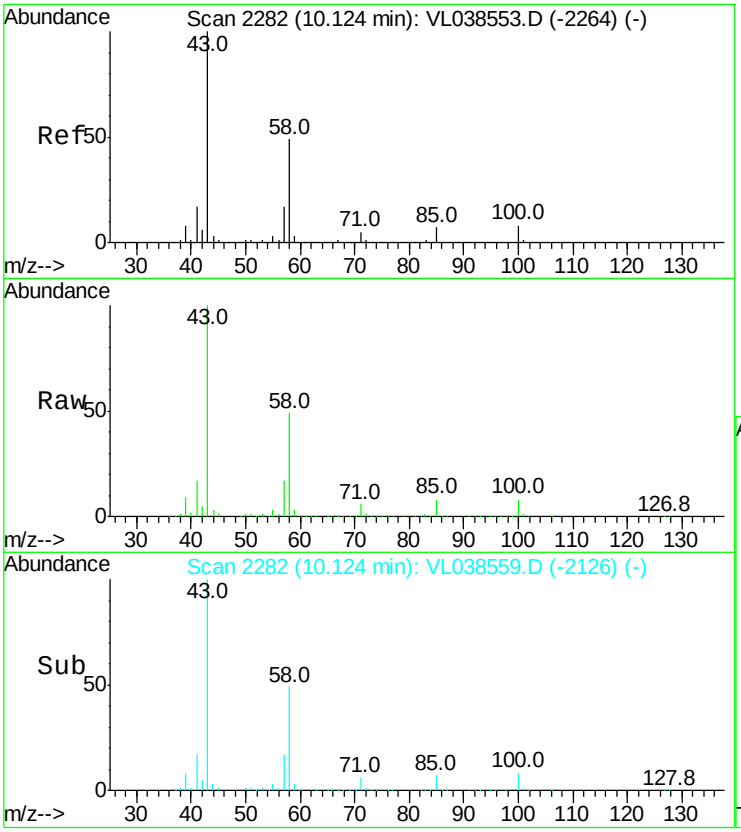


#50
4-Methyl-2-Pentanone
Concen: 14.50 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 43 Resp: 1971688

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.2	43.8



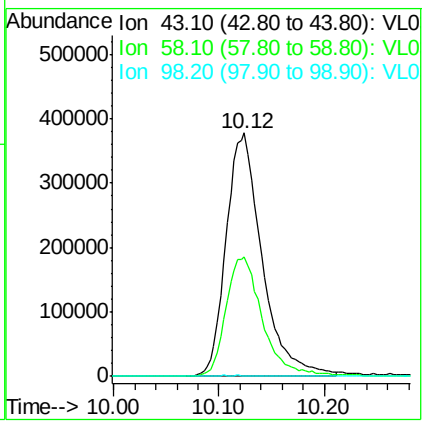


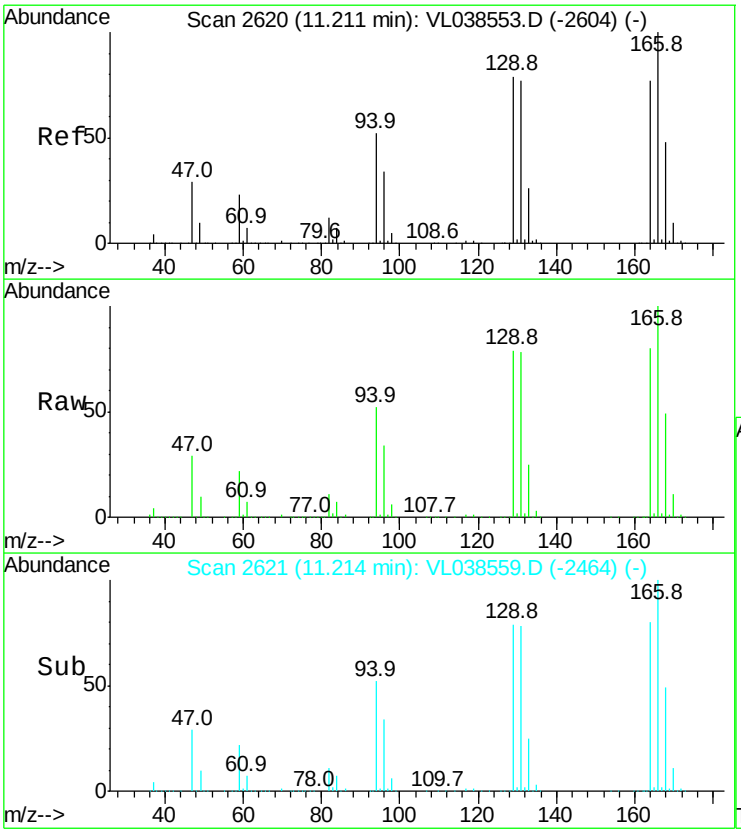
#51
2-Hexanone
Concen: 14.64 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 890932

Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.1	60.1
98	0.3	0.4	0.6#

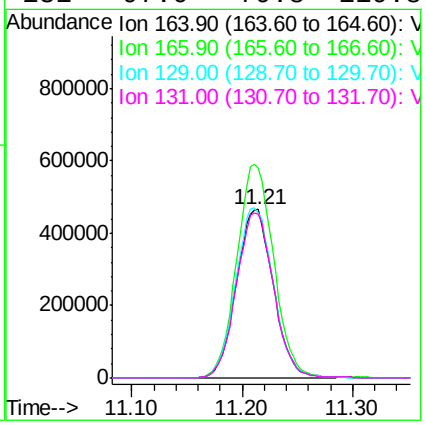


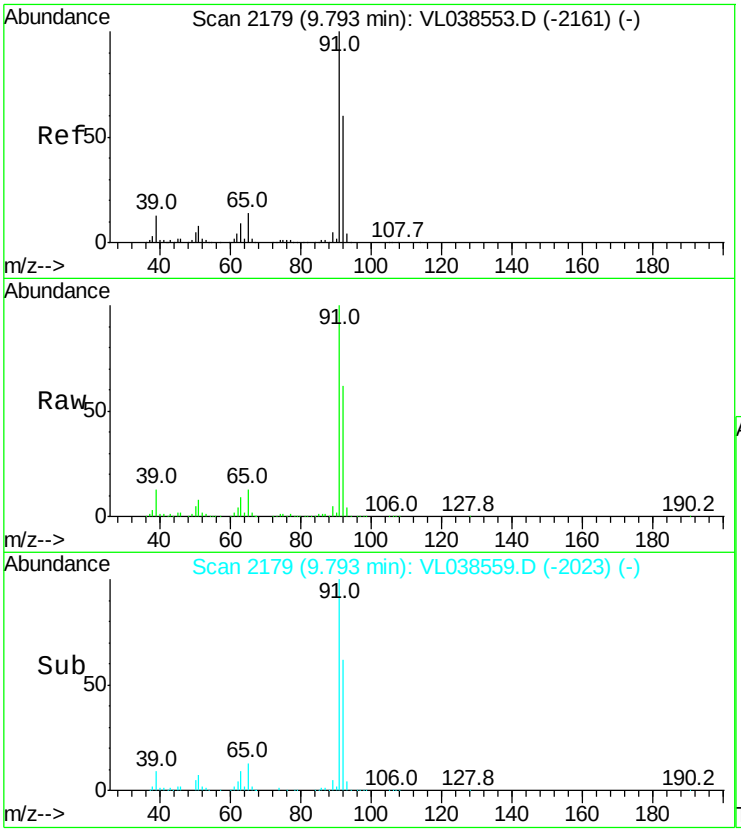


#52
Tetrachloroethene
Concen: 15.12 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:164 Resp: 1080239

Ion	Ratio	Lower	Upper
164	100		
166	124.6	103.4	155.2
129	98.1	81.3	121.9
131	97.0	79.8	119.8



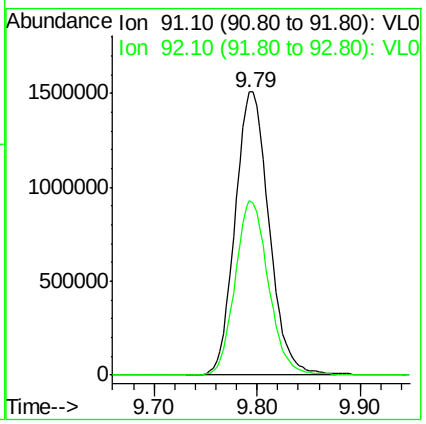


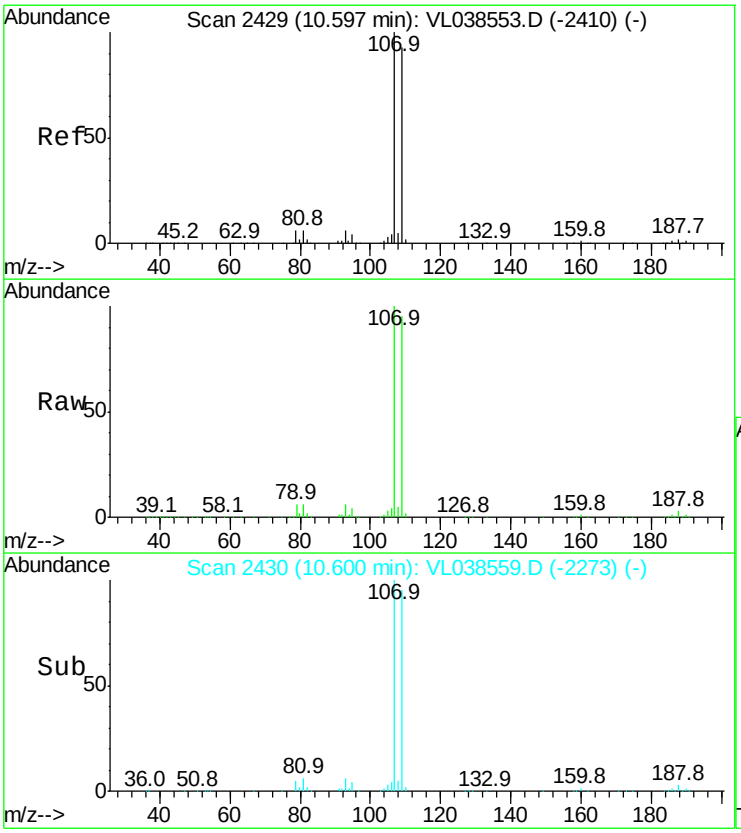
#53
Toluene
Concen: 14.80 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3458304

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.1	72.1

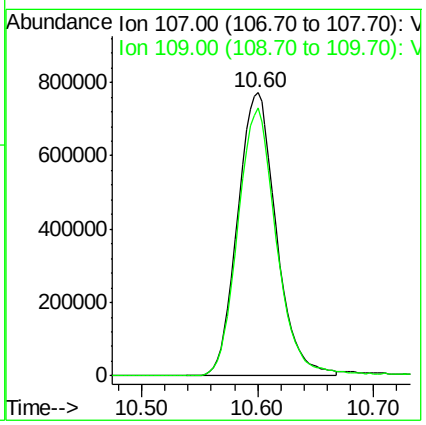


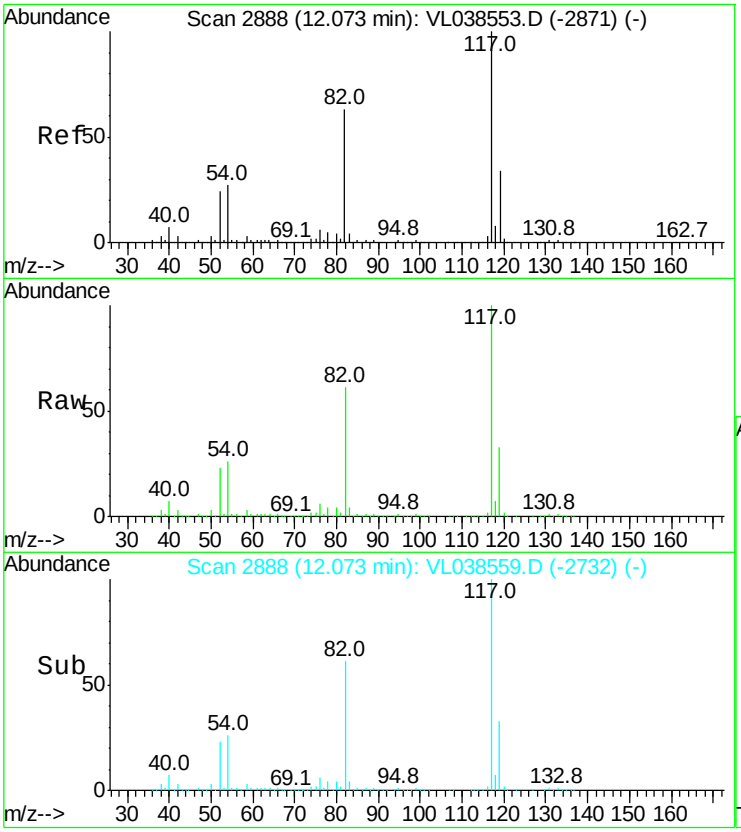


#54
1,2-Dibromoethane
Concen: 14.91 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:107 Resp: 1789901

Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.6	112.0



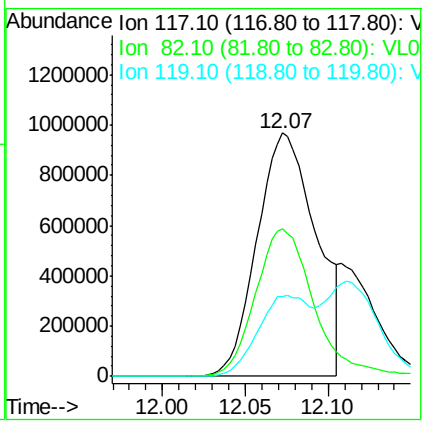


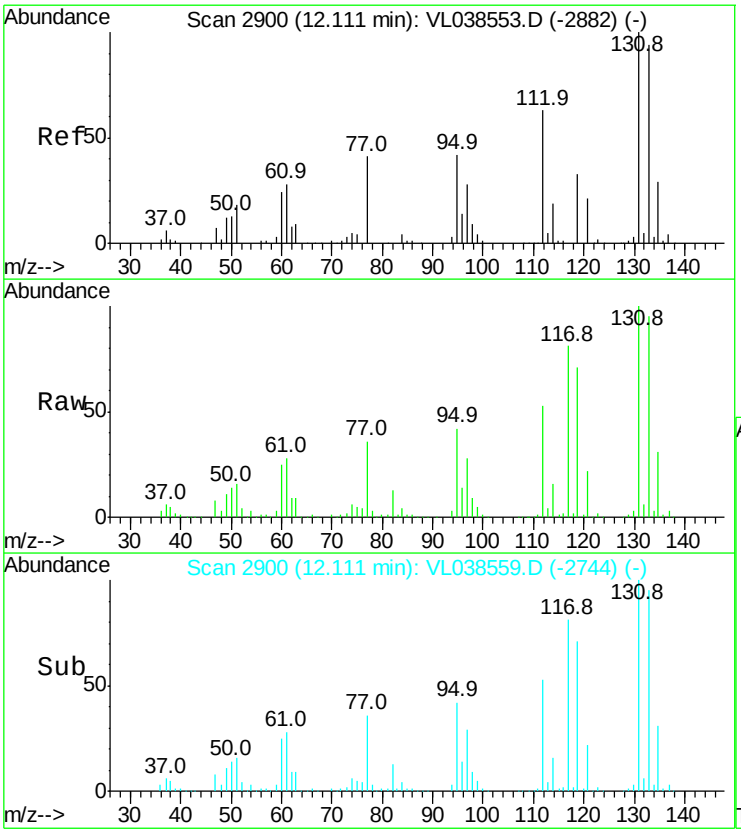
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2401513

Ion	Ratio	Lower	Upper
117	100		
82	61.7	52.5	78.7
119	27.6	46.4	69.6#

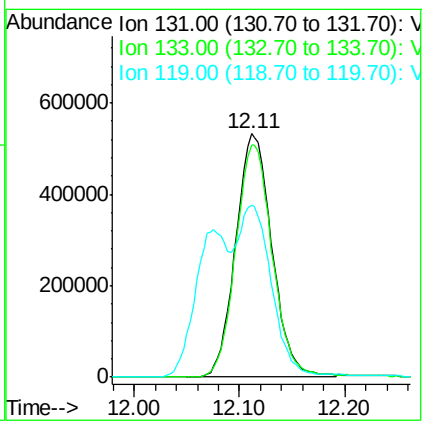


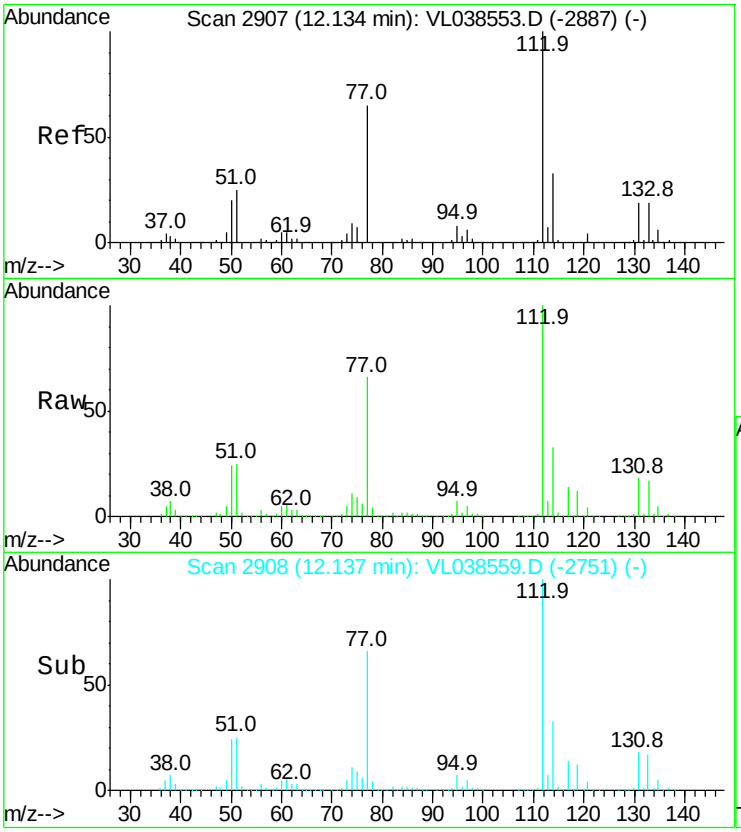


#56
1,1,1,2-Tetrachloroethane
Concen: 12.72 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:131 Resp: 1273080

Ion	Ratio	Lower	Upper
131	100		
133	97.6	78.0	117.0
119	126.1	53.1	79.7#



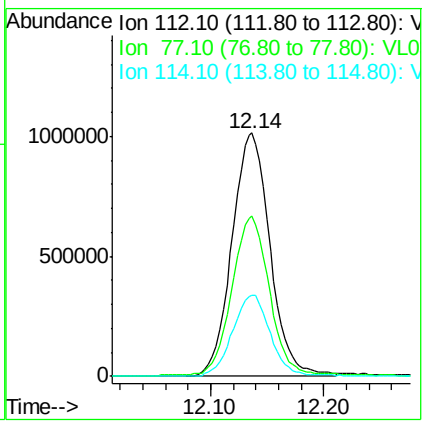


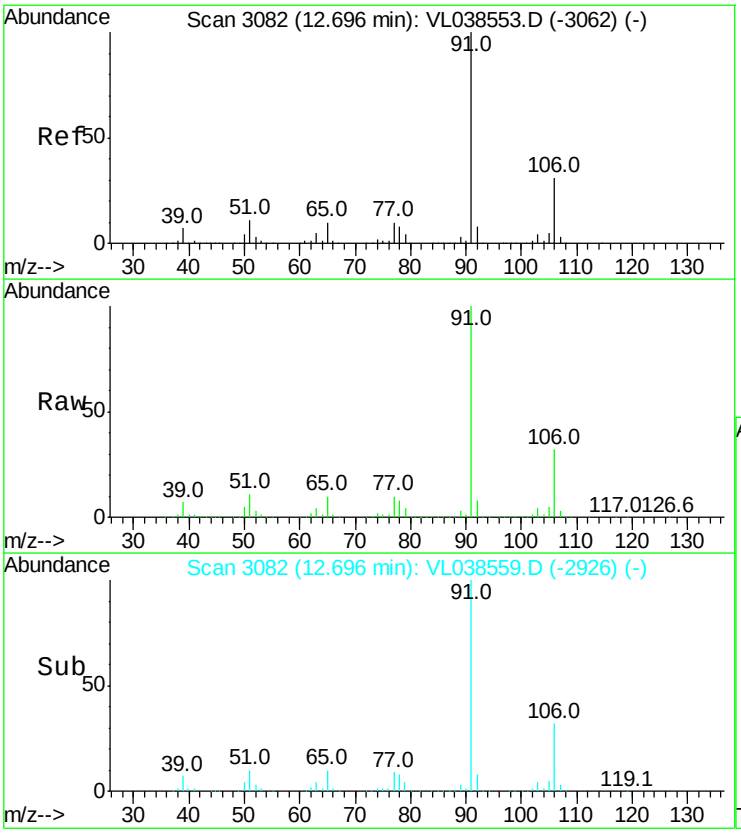
#57
Chlorobenzene
Concen: 12.81 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 2373009

Ion	Ratio	Lower	Upper
112	100		
77	65.1	52.5	78.7
114	33.4	30.0	36.6

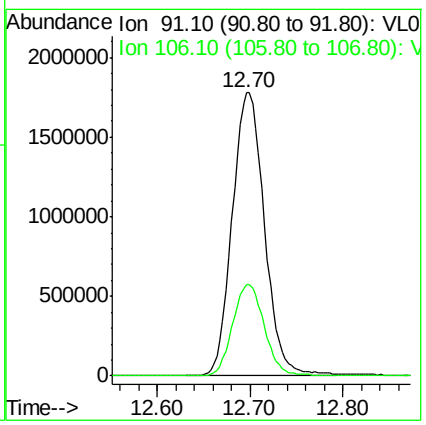


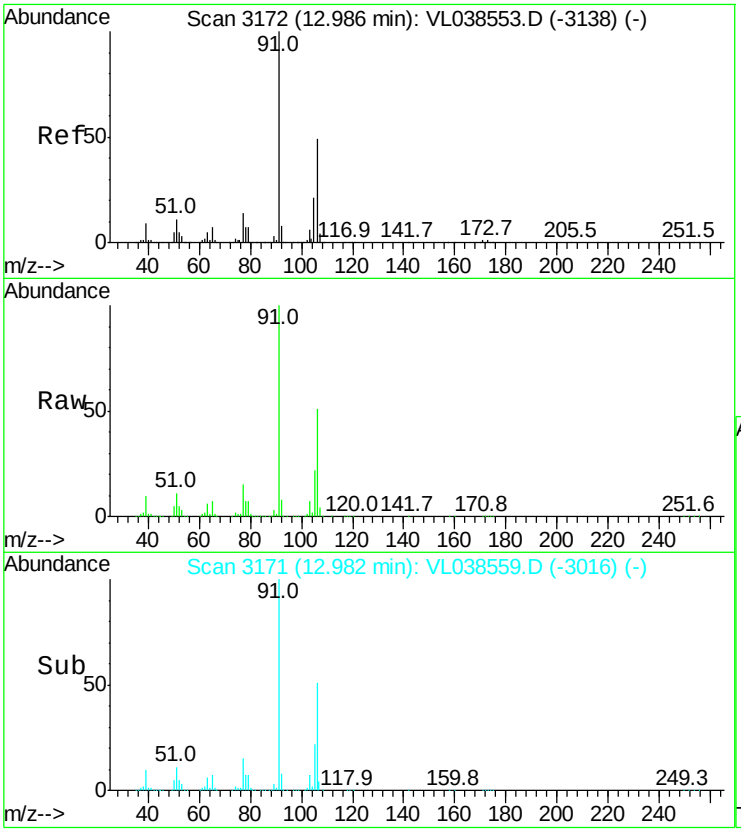


#58
Ethyl Benzene
Concen: 13.08 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 4294436

Ion	Ratio	Lower	Upper
91	100		
106	32.4	24.6	37.0



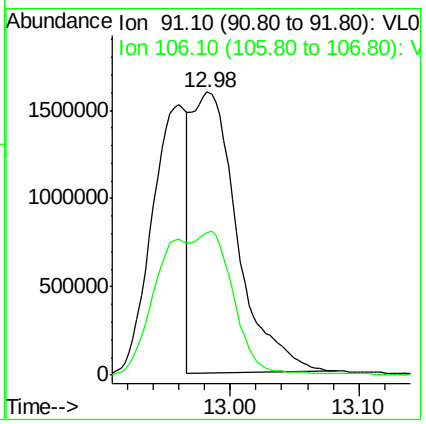


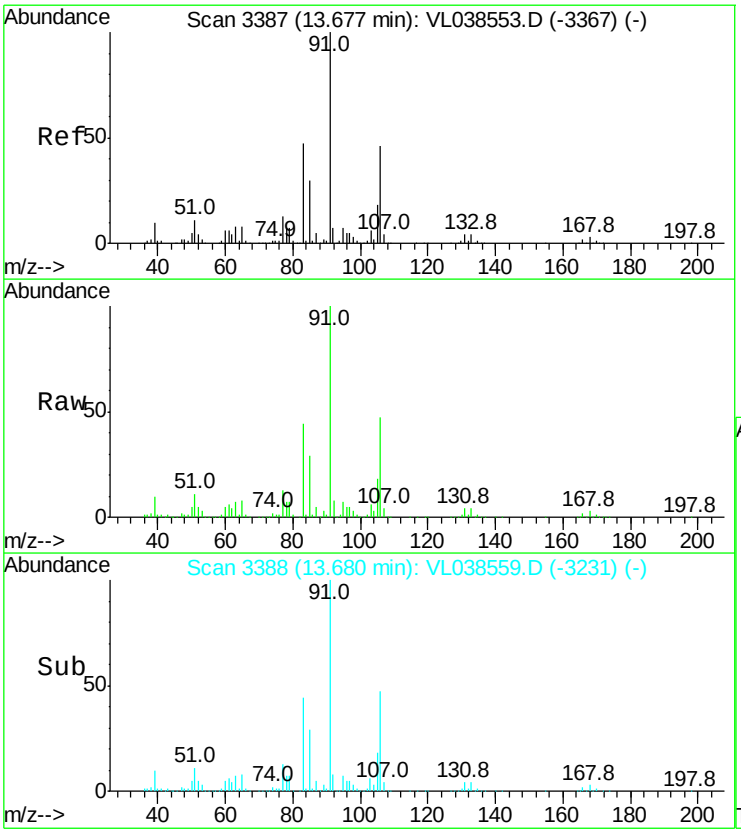
#59
m/p-Xylene
Concen: 13.87 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3912646

Ion	Ratio	Lower	Upper
91	100		
106	84.4	37.1	55.7#

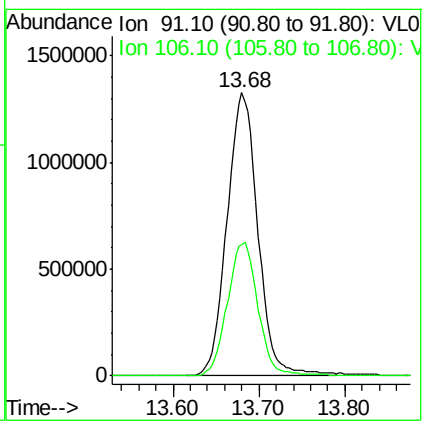


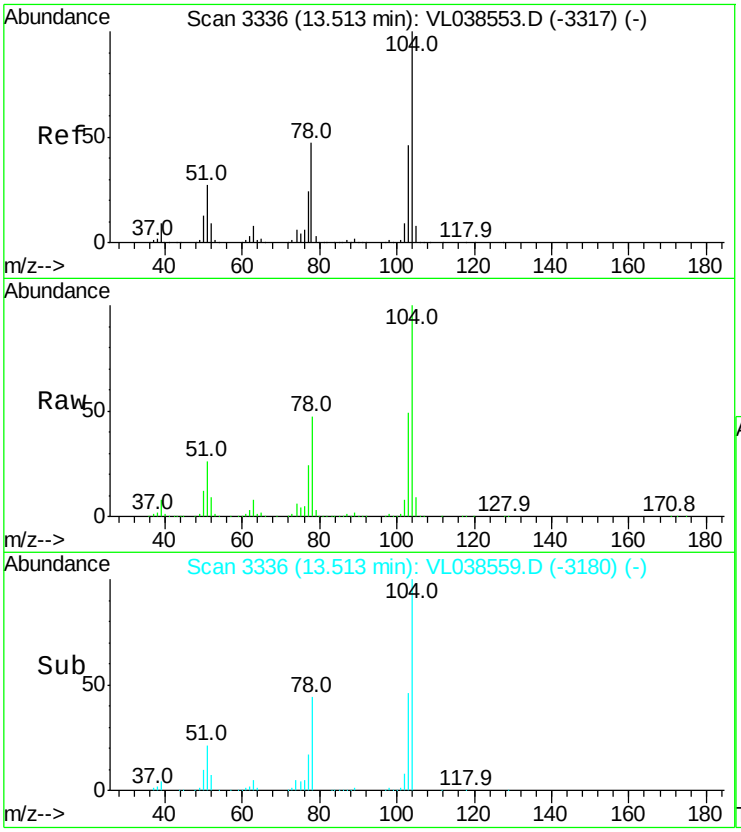


#60
o-Xylene
Concen: 12.33 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 3287920

Ion	Ratio	Lower	Upper
91	100		
106	47.4	23.5	70.6



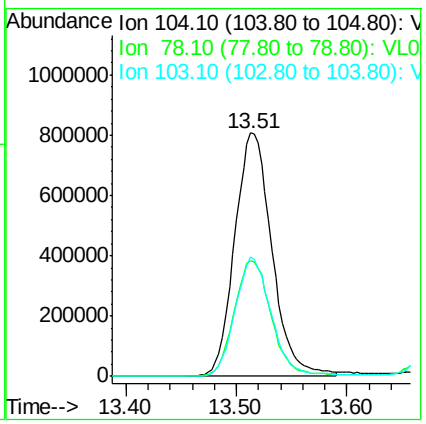


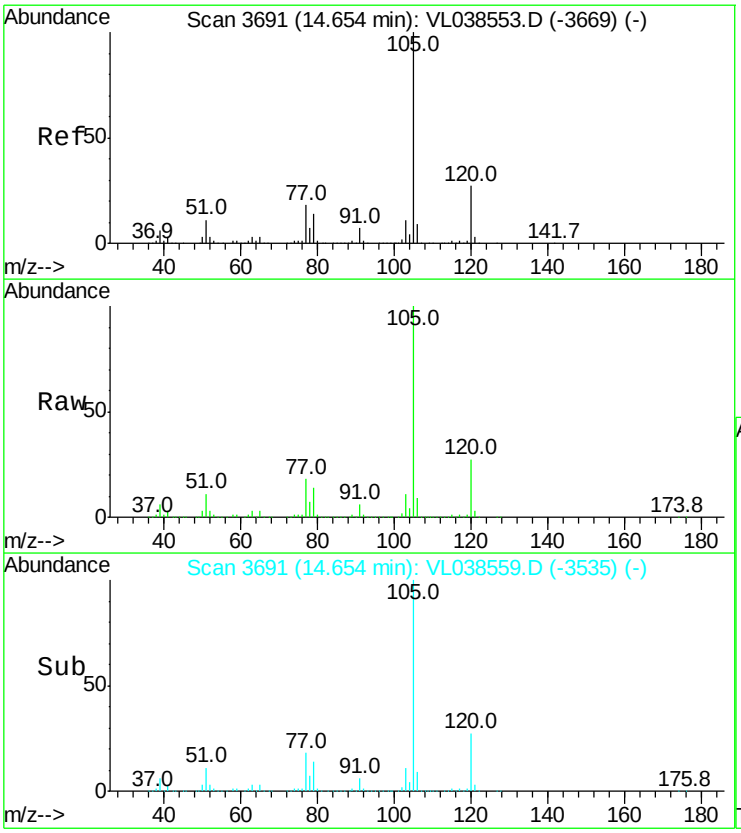
#61
Styrene
Concen: 15.38 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 1891084

Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.0	58.4
103	47.7	38.0	57.0

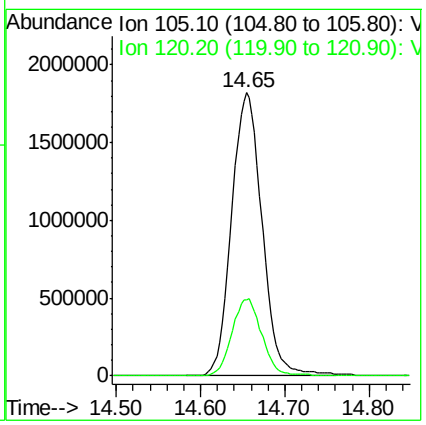


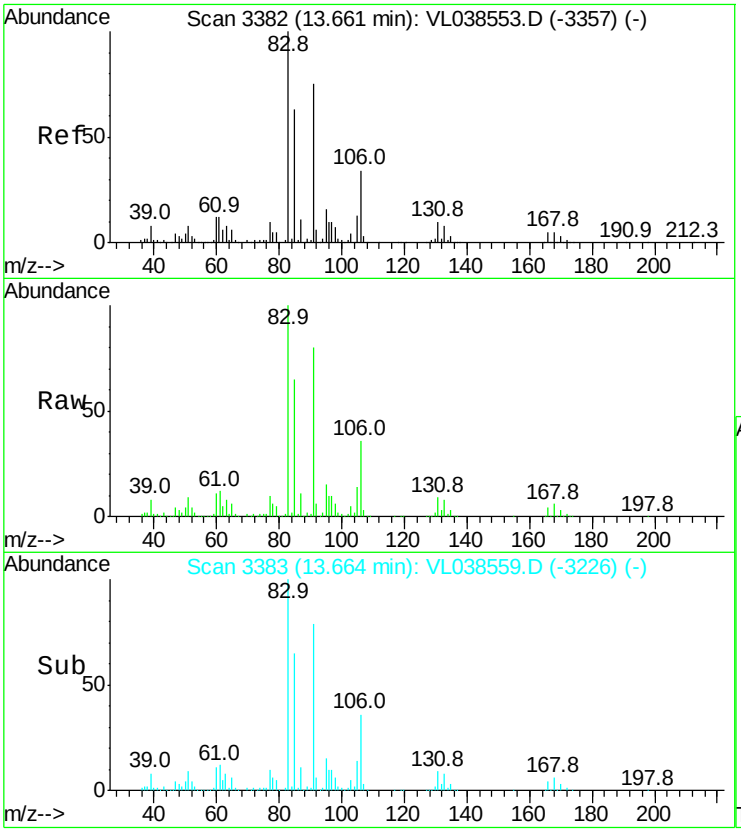


#62
Isopropylbenzene
Concen: 12.84 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:105 Resp: 4593169

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.2	31.8



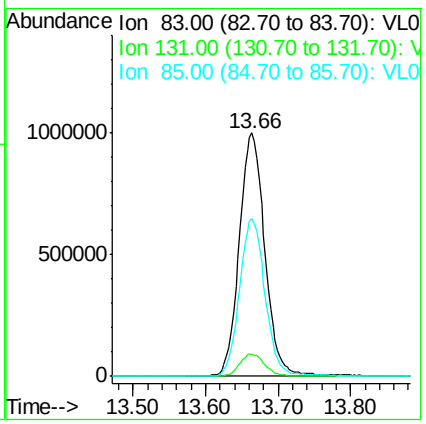


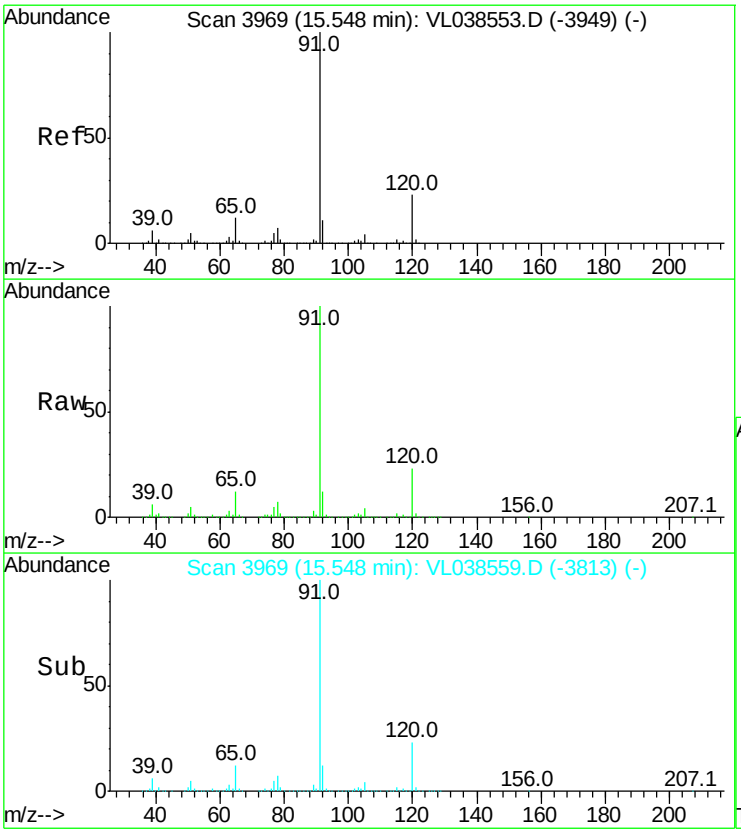
#63
1,1,2,2-Tetrachloroethane
Concen: 11.35 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2457851

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	65.3	32.6	98.0

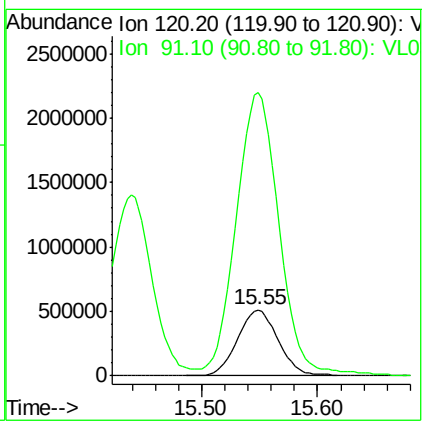


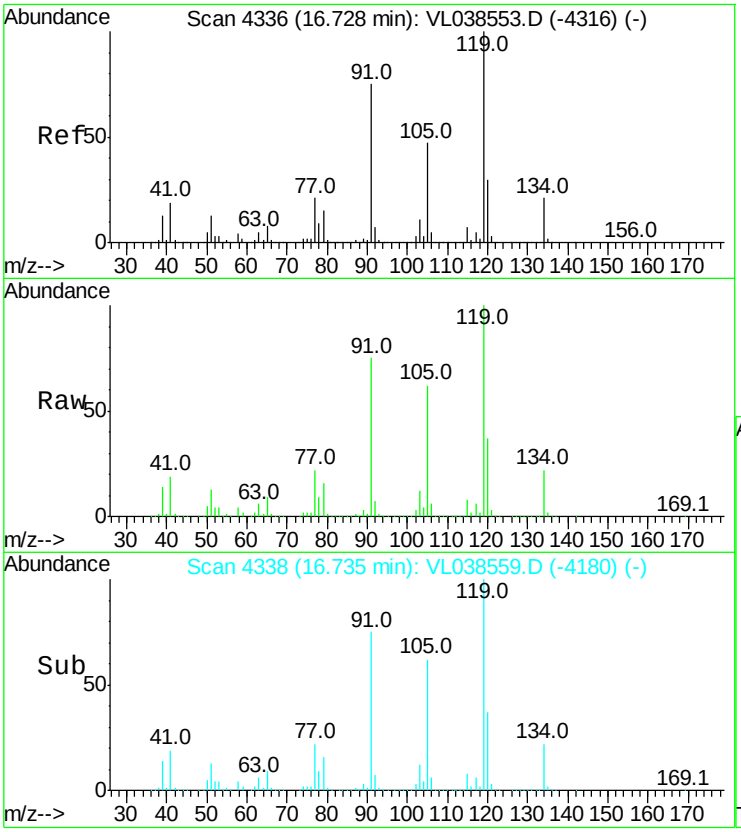


#64
n-propylbenzene
Concen: 14.16 ppbv
RT: 15.55 min Scan# 3969
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:120 Resp: 1254334

Ion	Ratio	Lower	Upper
120	100		
91	451.9	374.2	561.2



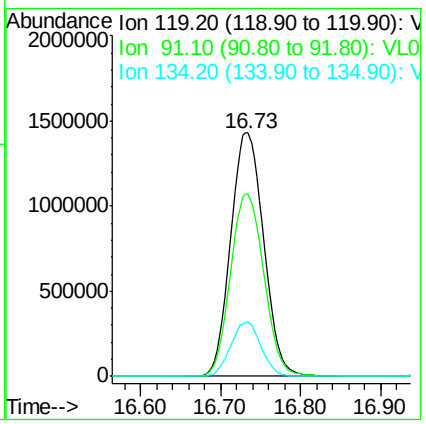


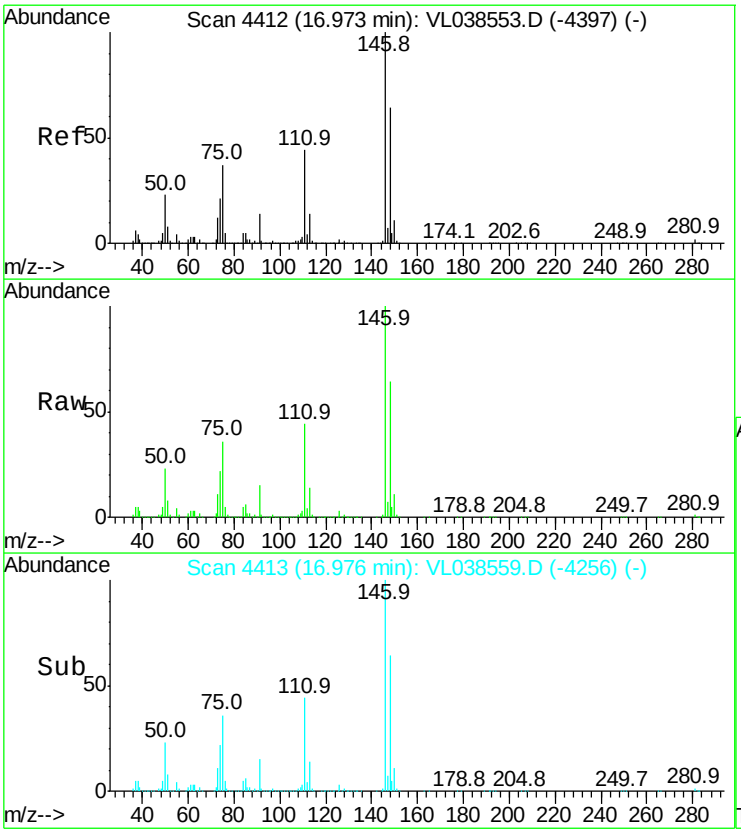
#65
tert-Butylbenzene
Concen: 12.90 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 3997704

Ion	Ratio	Lower	Upper
119	100		
91	75.7	61.2	91.8
134	20.6	16.2	24.2

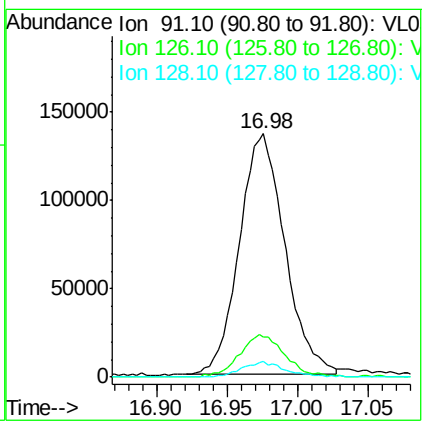


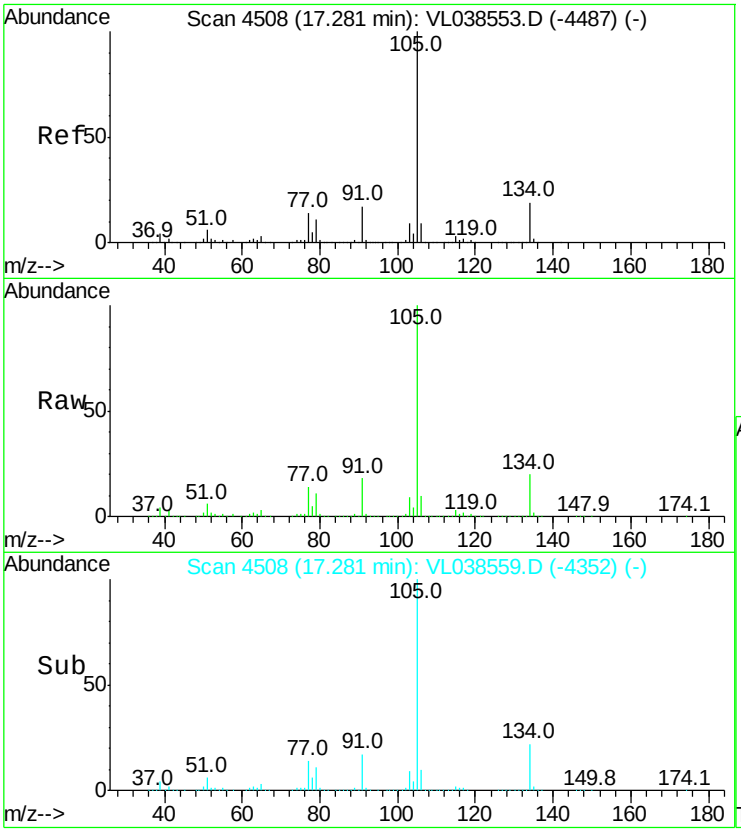


#66
Benzyl Chloride
Concen: 18.38 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 307872

Ion	Ratio	Lower	Upper
91	100		
126	18.2	14.1	21.1
128	6.4	5.1	7.7



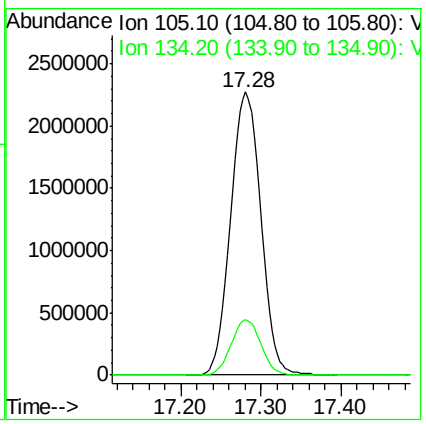


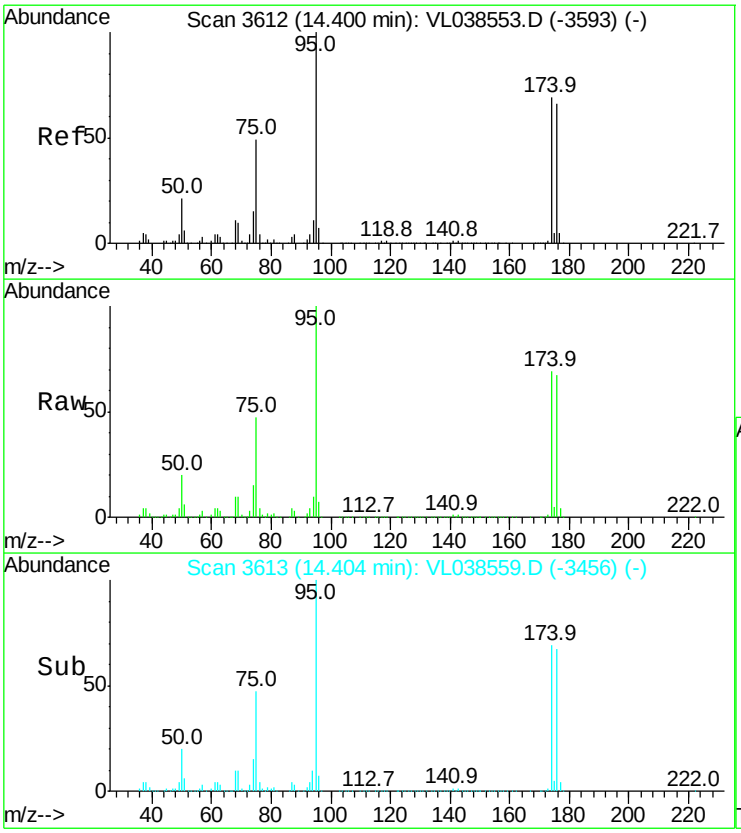
#67
sec-Butylbenzene
Concen: 13.22 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 5807283

Ion	Ratio	Lower	Upper
105	100		
134	19.3	15.0	22.6

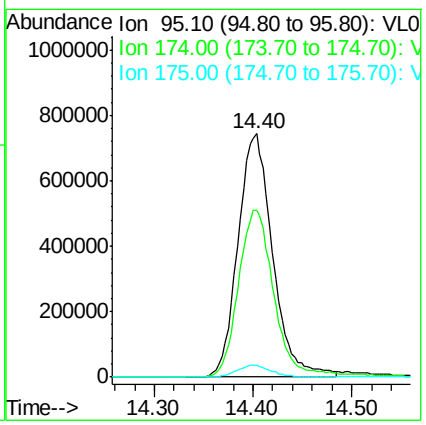


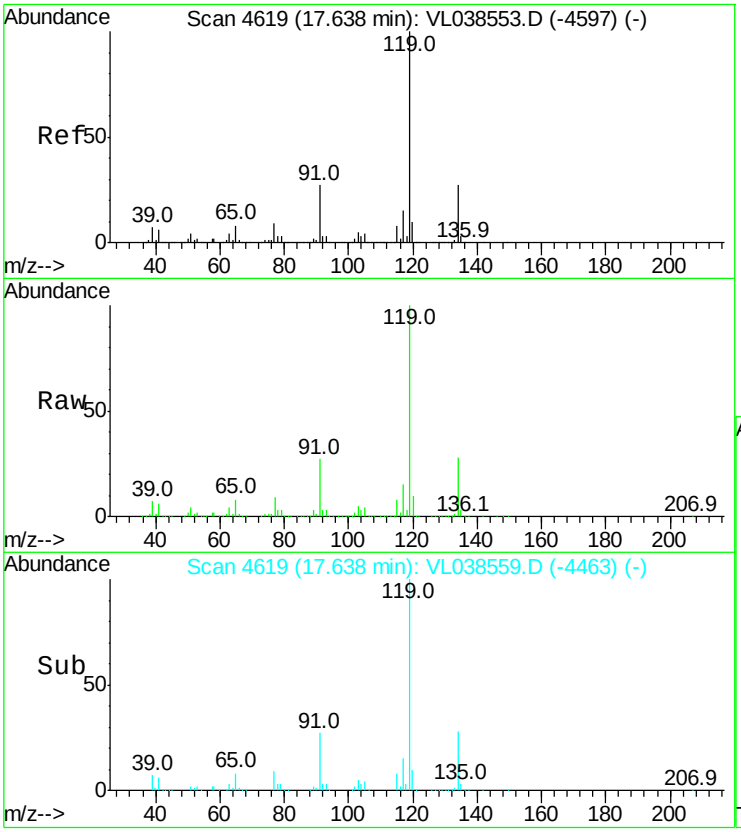


#68
1-Bromo-4-Fluorobenzene
Concen: 9.12 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 95 Resp: 1812112

Ion	Ratio	Lower	Upper
95	100		
174	71.5	56.2	84.4
175	5.1	4.2	6.2



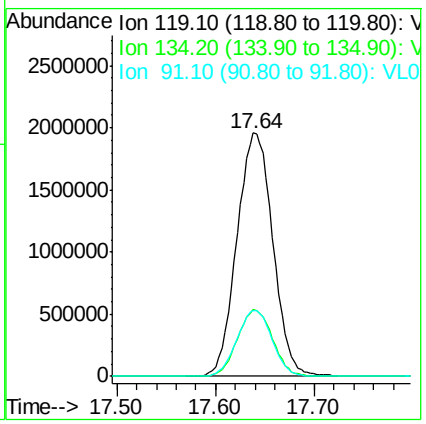


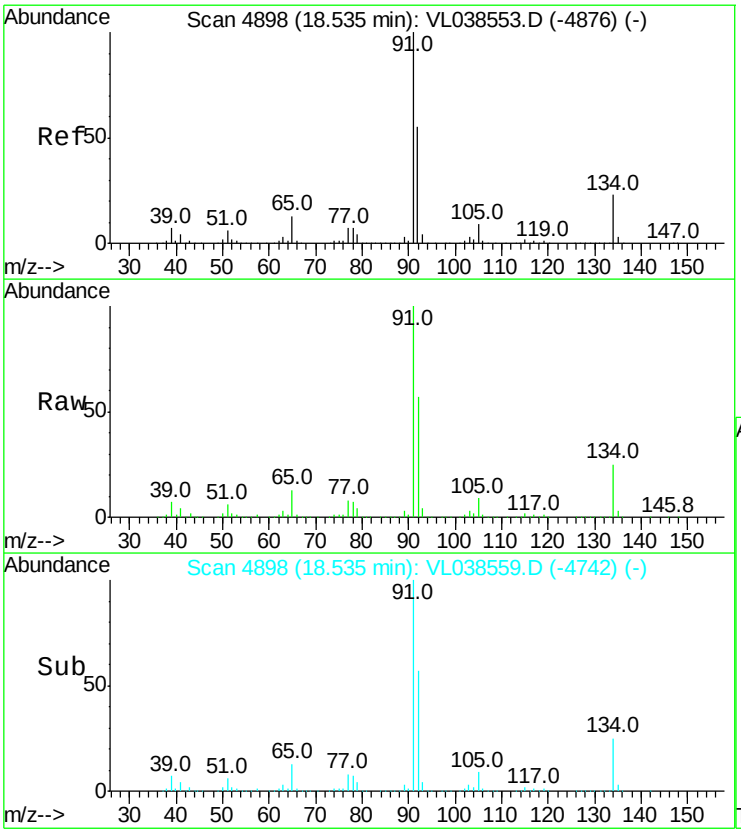
#69
p-Isopropyltoluene
Concen: 14.28 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 4927450

Ion	Ratio	Lower	Upper
119	100		
134	26.9	20.9	31.3
91	26.6	21.1	31.7

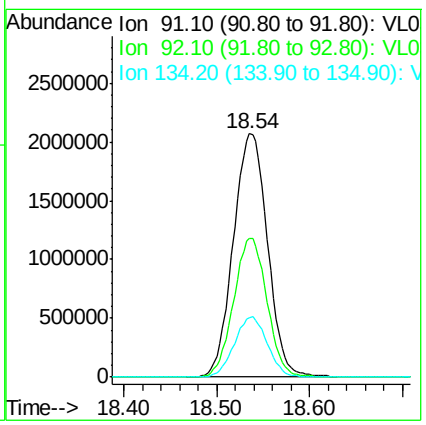


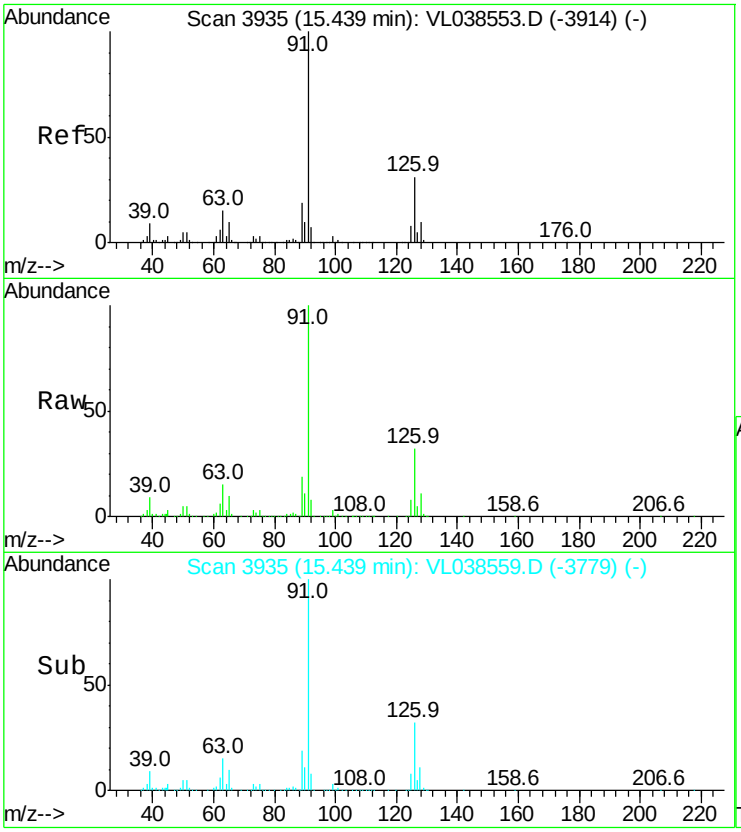


#70
n-Butylbenzene
Concen: 14.83 ppbv
RT: 18.54 min Scan# 4898
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 5292343

Ion	Ratio	Lower	Upper
91	100		
92	56.0	43.8	65.8
134	24.0	18.7	28.1



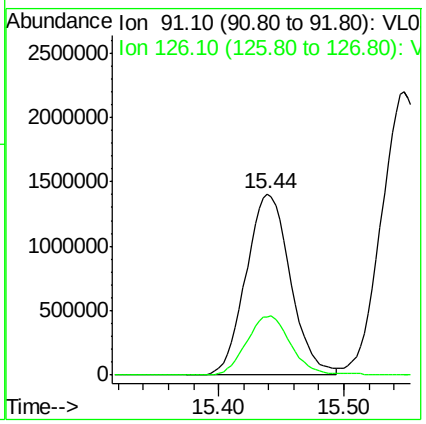


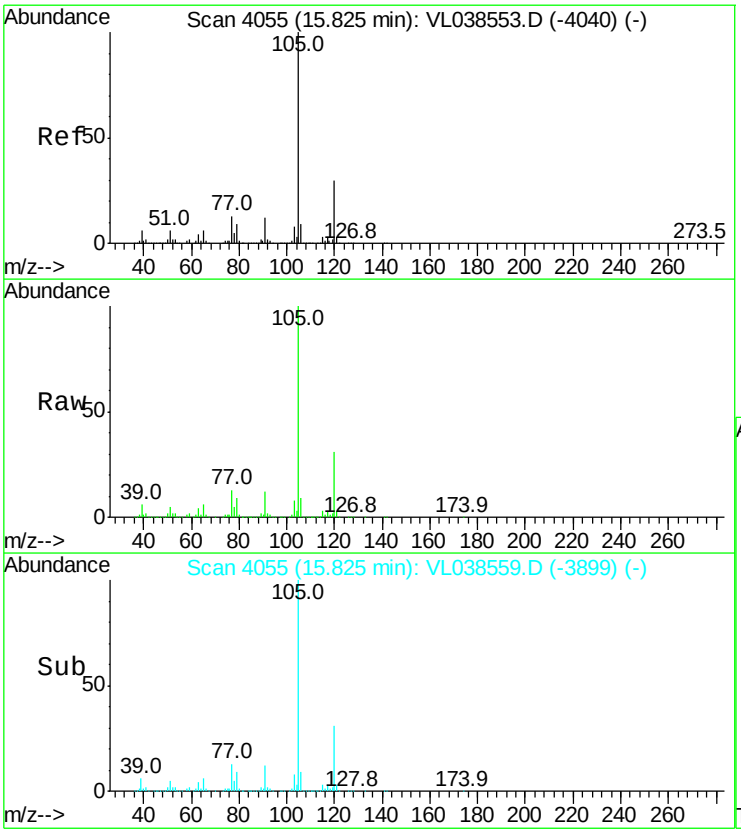
#71
2-Chlorotoluene
Concen: 12.56 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3456920

Ion	Ratio	Lower	Upper
91	100		
126	33.4	12.9	51.7

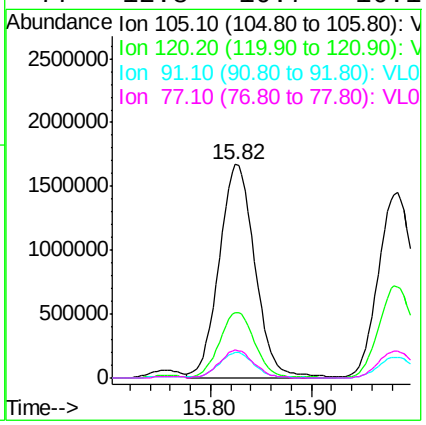


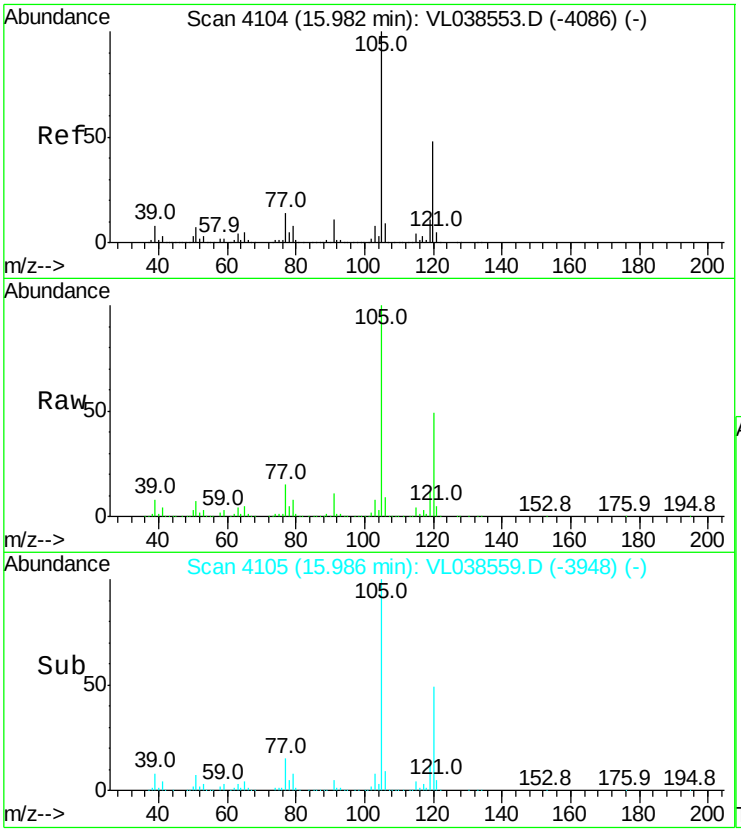


#72
4-Ethyltoluene
Concen: 14.07 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:105 Resp: 4132588

Ion	Ratio	Lower	Upper
105	100		
120	30.6	25.0	37.4
91	11.7	9.8	14.6
77	12.8	10.7	16.1



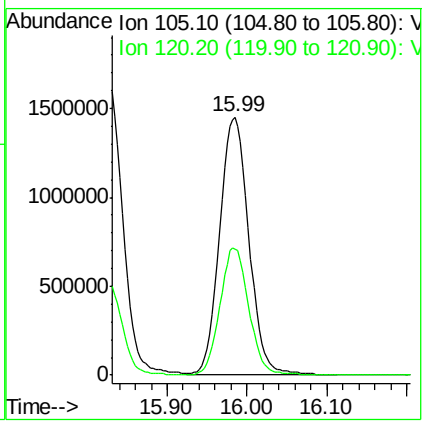


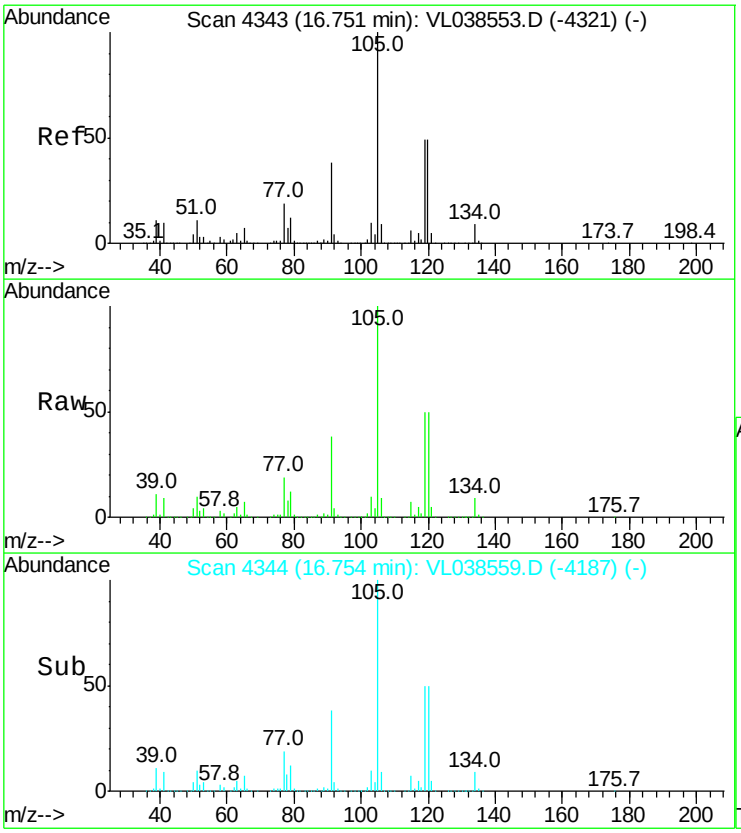
#73
1,3,5-Trimethylbenzene
Concen: 13.65 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3642400

Ion	Ratio	Lower	Upper
105	100		
120	48.7	38.3	57.5

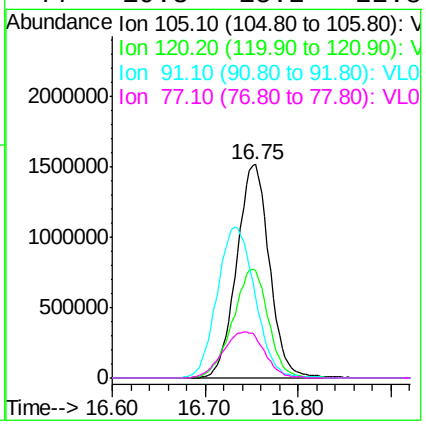


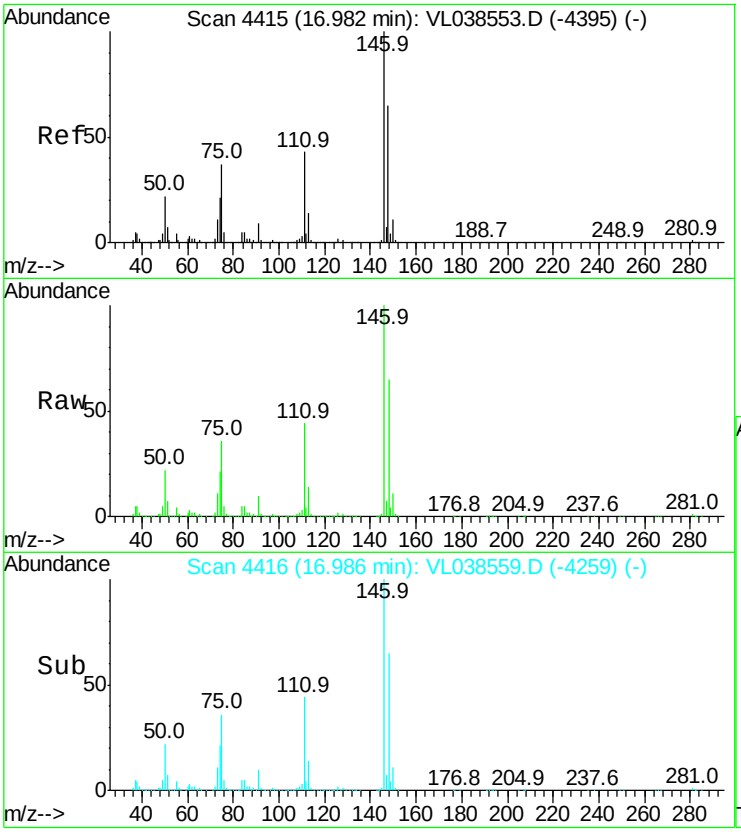


#74
1,2,4-Trimethylbenzene
Concen: 13.17 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:105 Resp: 3710401

Ion	Ratio	Lower	Upper
105	100		
120	50.1	38.9	58.3
91	37.7	30.6	46.0
77	19.3	15.2	22.8



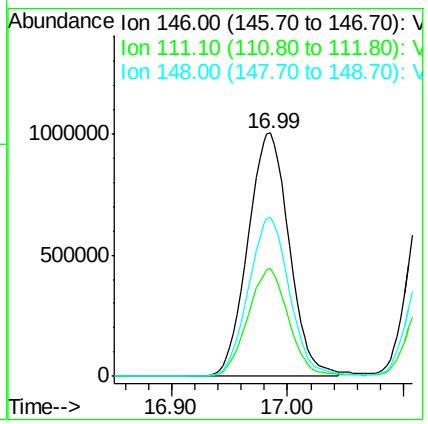


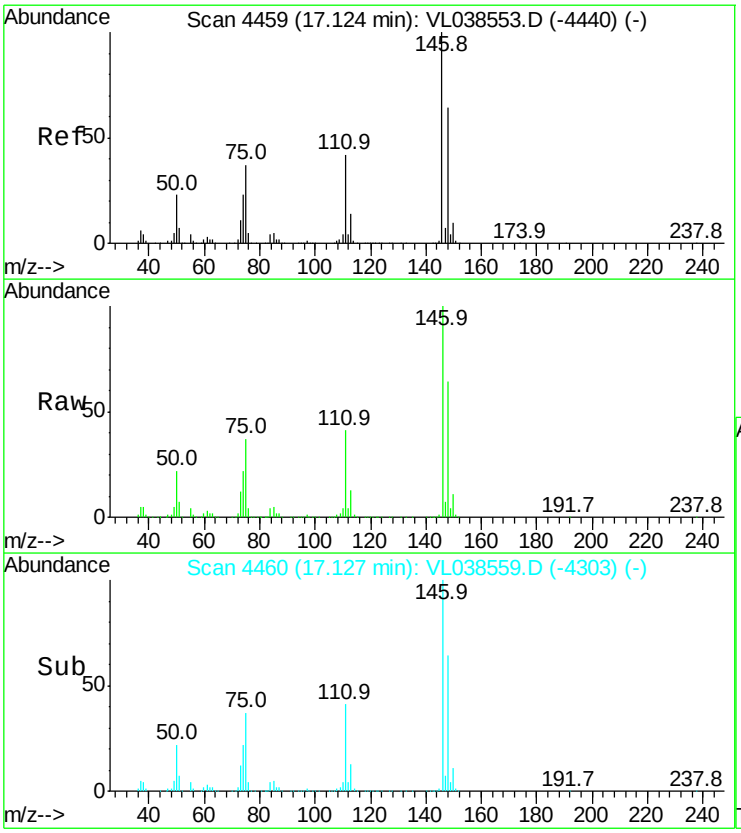
#75
1,3-Dichlorobenzene
Concen: 15.73 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2481590

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.8
148	65.3	32.2	96.6

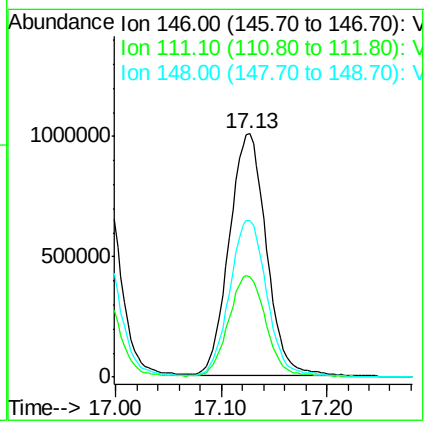


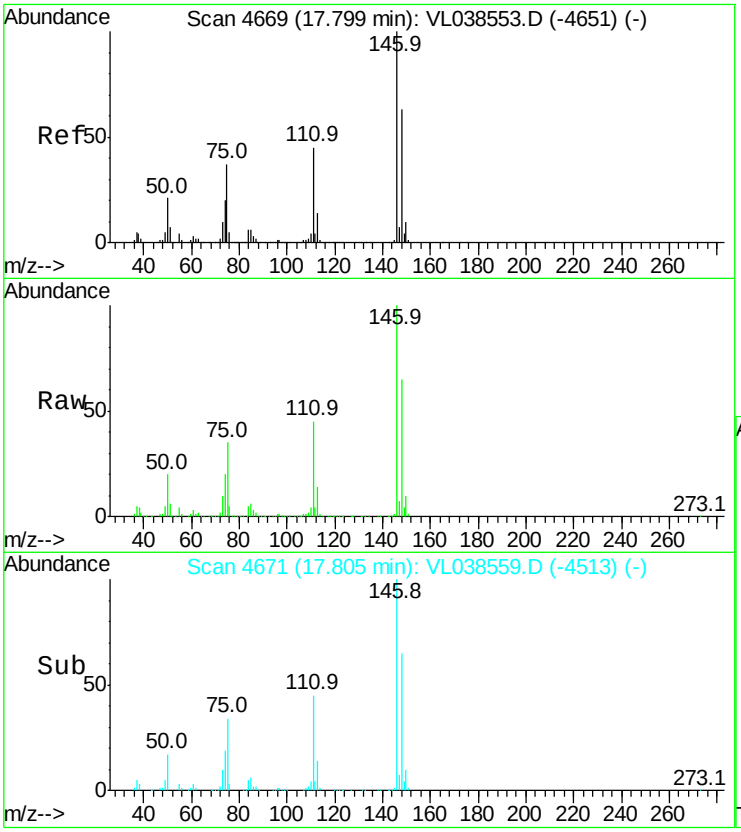


#76
1,4-Dichlorobenzene
Concen: 15.67 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:146 Resp: 2437896

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.8	65.3
148	65.8	32.8	98.4



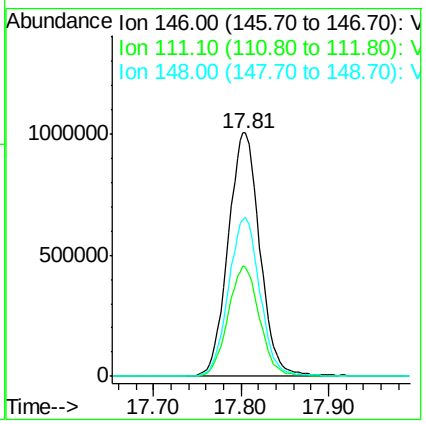


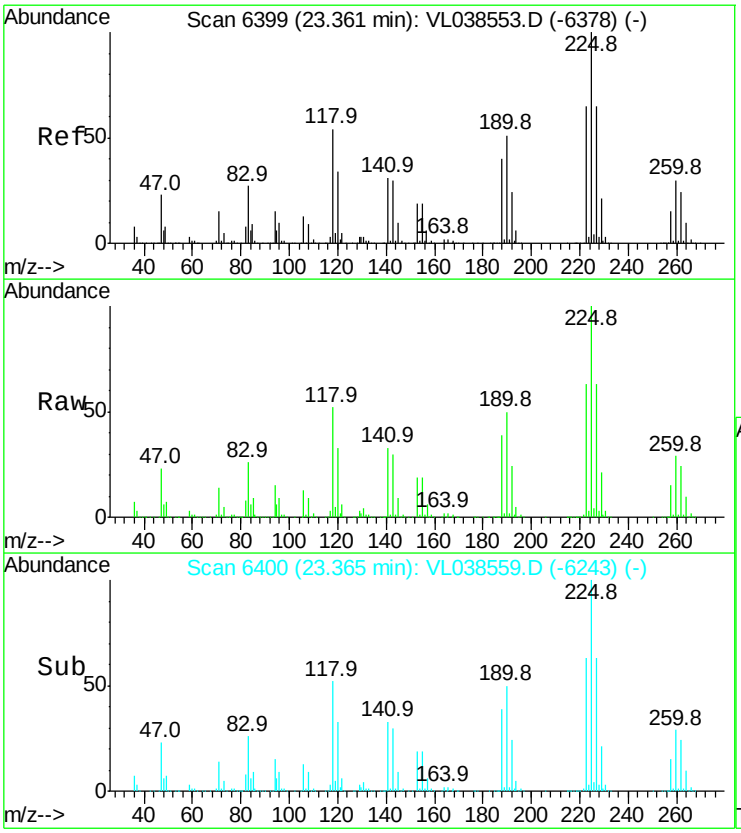
#77
1,2-Dichlorobenzene
Concen: 16.54 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2512157

Ion	Ratio	Lower	Upper
146	100		
111	45.0	23.2	69.5
148	64.9	32.6	98.0

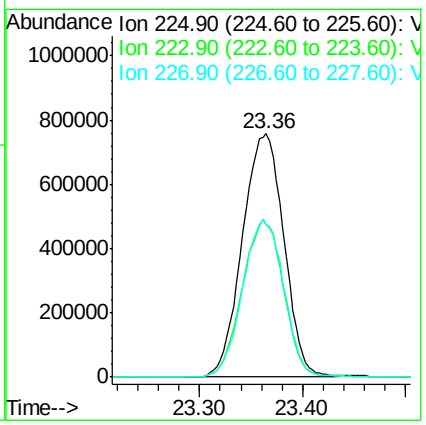


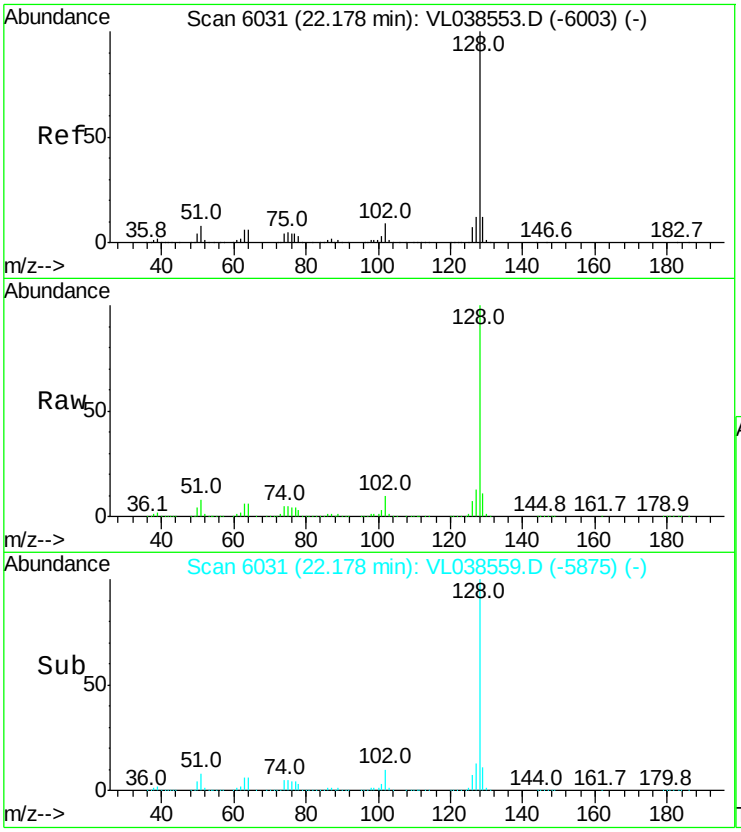


#78
Hexachloro-1,3-Butadiene
Concen: 18.28 ppbv
RT: 23.36 min Scan# 6400
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:225 Resp: 2117130

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.0
227	64.5	51.9	77.9



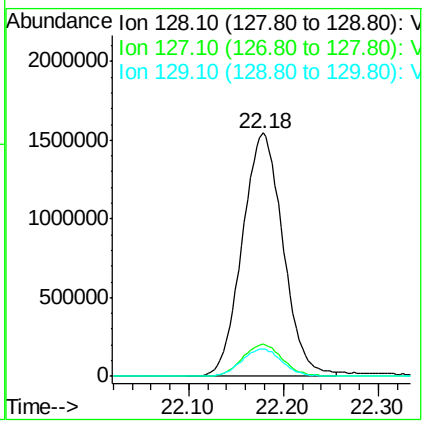


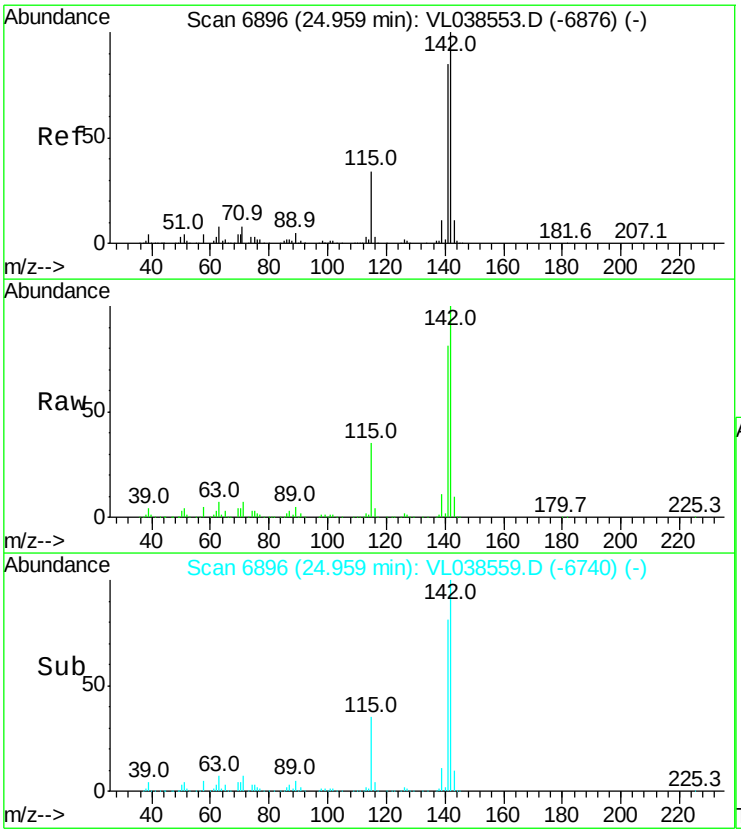
#79
Naphthalene
Concen: 30.32 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 4626354

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	11.2	9.3	13.9

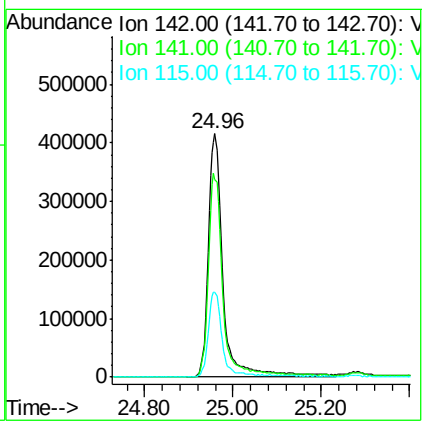


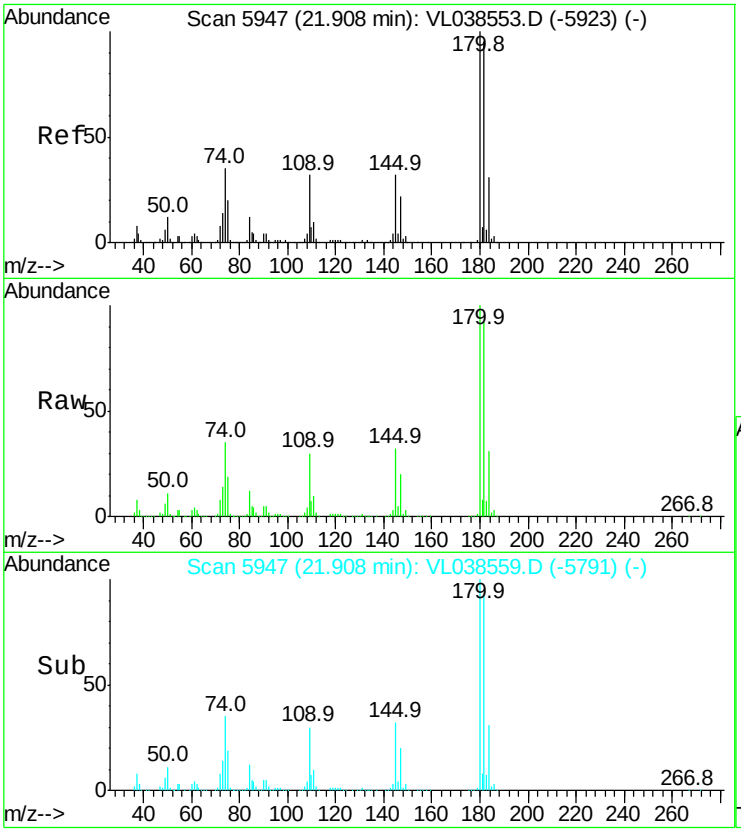


#80
Naphthalene,2-methyl-
Concen: 32.47 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:142 Resp: 968250

Ion	Ratio	Lower	Upper
142	100		
141	81.6	68.4	102.6
115	33.9	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 27.04 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 8 Mar 2022 14:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 2495231

Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.1	118.7
184	31.3	25.0	37.6