Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038626.D
Acq On : 17 Mar 2022 14:15
Operator : SY/AP
Sample : VL0317ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0317ABS01

Quant Time: Mar 18 03:30:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	882547	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.18	114	2342832	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.09	117	2730559	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1637395	7.89	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 78.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1154493	8.66	ppbv		99
3) Chlorodifluoromethane	3.00	51	1464323	9.41	ppbv		100
4) Chloromethane	3.15	50	578055	10.02	ppbv		100
5) Vinyl Chloride	3.26	62	573072	9.90	ppbv		98
6) Bromomethane	3.48	94	322610	10.38	ppbv		97
7) Chloroethane	3.56	64	193931	10.34	ppbv		99
8) Dichlorotetrafluoroethane	3.20	85	1331786	10.31	ppbv		98
9) Propene	3.02	41	517133	9.42	ppbv		100
10) Heptane	8.12	43	1348443	10.27	ppbv		98
11) Trichlorofluoromethane	3.95	101	1174736	10.05	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	891505	9.81	ppbv		100
13) Ethanol	3.61	45	50072	7.94	ppbv		96
14) Bromoethene	3.74	108	402552	10.40	ppbv		98
15) Acetone	3.85	43	724050	11.63	ppbv		99
16) 1,3-Butadiene	3.33	39	519502	10.39	ppbv		98
17) tert-Butyl alcohol	4.29	59	685138	10.13	ppbv		100
18) 1,1-Dichloroethene	4.29	96	403775	9.93	ppbv		98
19) Isopropyl Alcohol	3.97	45	425641	10.24	ppbv	#	97
20) Methylene Chloride	4.35	84	330078	8.81	ppbv		98
21) Allyl Chloride	4.42	41	580267	9.67	ppbv		99
22) trans-1,2-Dichloroethene	4.89	96	433511	10.17	ppbv		96
23) Vinyl Acetate	5.07	43	953750	10.69	ppbv		99
24) 1,1-Dichloroethane	5.02	63	799000	9.85	ppbv		99
25) Ethyl Acetate	5.68	43	2118725	10.11	ppbv		100
26) Hexane	5.69	57	994299	10.10	ppbv		98
27) Carbon Disulfide	4.55	76	1007215	10.27	ppbv		99
28) Methyl tert-Butyl Ether	5.04	73	786892	9.82	ppbv		99
29) Chloroform	5.75	83	1547592	10.10	ppbv		96
30) Cyclohexane	7.13	84	865844	10.17	ppbv		96
31) cis-1,2-Dichloroethene	5.55	61	949873	10.09	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	1470729	9.90	ppbv		100
34) 2-Butanone	5.25	43	783327	12.90	ppbv		100
35) Carbon Tetrachloride	7.02	117	1560976	9.77	ppbv		96
36) Benzene	6.89	78	2109772	9.98	ppbv		99
37) 1,2-Dichloroethane	6.31	62	1031505	10.21	ppbv		100
38) Trichloroethene	7.84	130	796978	9.44	ppbv		96
39) 1,2-Dichloropropane	7.61	63	812444	9.99	ppbv		99
40) 1,4-Dioxane	7.83	88	204120	10.03	ppbv		99
41) Tetrahydrofuran	6.05	42	498529	10.03	ppbv		99
42) Bromodichloromethane	7.79	83	1645108	10.27	ppbv		99
43) Methyl Methacrylate	8.01	69	761416	10.49	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038626.D
Acq On : 17 Mar 2022 14:15
Operator : SY/AP
Sample : VL0317ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0317ABS01

Quant Time: Mar 18 03:30:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3496395	9.78	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	622510	11.90	ppbv		97
46) cis-1,3-Dichloropropene	8.71	75	819623	11.46	ppbv		98
47) 1,1,2-Trichloroethane	9.47	97	868505	10.48	ppbv		98
48) Dibromochloromethane	10.30	129	1463066	11.12	ppbv		100
49) Bromoform	13.04	173	1208404	11.99	ppbv		98
50) 4-Methyl-2-Pentanone	8.74	43	1278056	10.27	ppbv		99
51) 2-Hexanone	10.13	43	550374	10.46	ppbv	#	100
52) Tetrachloroethene	11.22	164	758651	9.79	ppbv		98
53) Toluene	9.81	91	2410292	10.68	ppbv		99
54) 1,2-Dibromoethane	10.61	107	1255641	10.60	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.13	131	957895	8.61	ppbv		99
57) Chlorobenzene	12.15	112	1757730	8.43	ppbv		99
58) Ethyl Benzene	12.71	91	3103966	8.78	ppbv		100
59) m/p-Xylene	13.00	91	2684368	8.87	ppbv	#	34
60) o-Xylene	13.69	91	2469279	8.64	ppbv		99
61) Styrene	13.53	104	1324765	9.41	ppbv		99
62) Isopropylbenzene	14.67	105	3431459	8.70	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1874239	7.76	ppbv		99
64) n-propylbenzene	15.56	120	921118	9.17	ppbv		99
65) tert-Butylbenzene	16.74	119	3006884	8.53	ppbv		99
66) Benzyl Chloride	16.99	91	211612	10.13	ppbv		98
67) sec-Butylbenzene	17.29	105	4270629	8.52	ppbv		100
69) p-Isopropyltoluene	17.65	119	3524423	8.49	ppbv		99
70) n-Butylbenzene	18.55	91	3628908	8.21	ppbv		100
71) 2-Chlorotoluene	15.45	91	2525915	8.63	ppbv		98
72) 4-Ethyltoluene	15.84	105	3029808	9.23	ppbv		99
73) 1,3,5-Trimethylbenzene	16.00	105	2624884	8.61	ppbv		99
74) 1,2,4-Trimethylbenzene	16.76	105	2720531	8.36	ppbv	#	91
75) 1,3-Dichlorobenzene	17.00	146	1748904	8.51	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	1704401	8.38	ppbv		100
77) 1,2-Dichlorobenzene	17.81	146	1684439	8.11	ppbv		99
78) Hexachloro-1,3-Butadiene	23.37	225	1337650	6.60	ppbv		100
79) Naphthalene	22.19	128	2546405	8.69	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	637346	12.33	ppbv		99
81) 1,2,4-Trichlorobenzene	21.92	180	1438974	7.69	ppbv		100

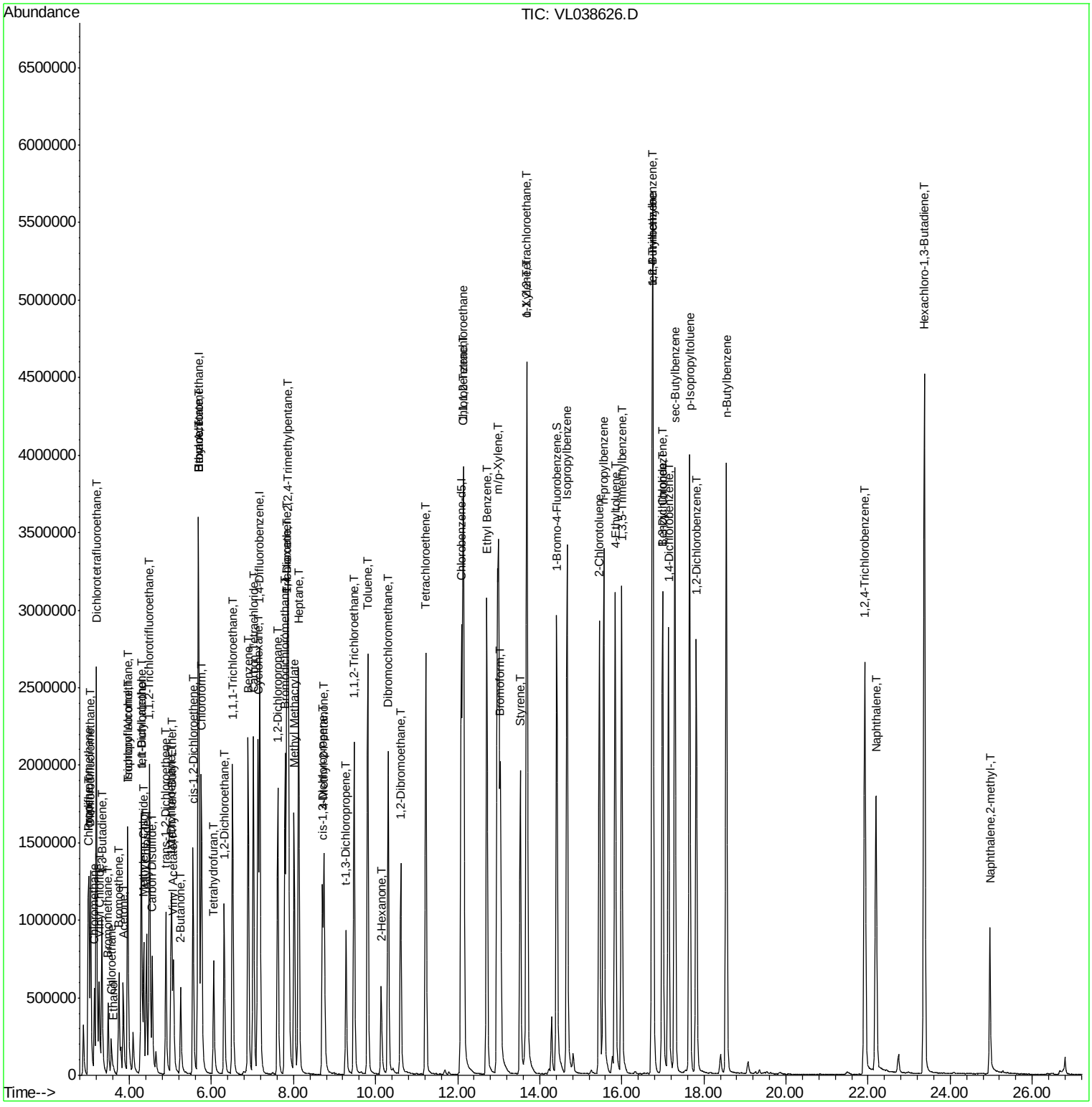
(#) = qualifier out of range (m) = manual integration (+) = signals summed

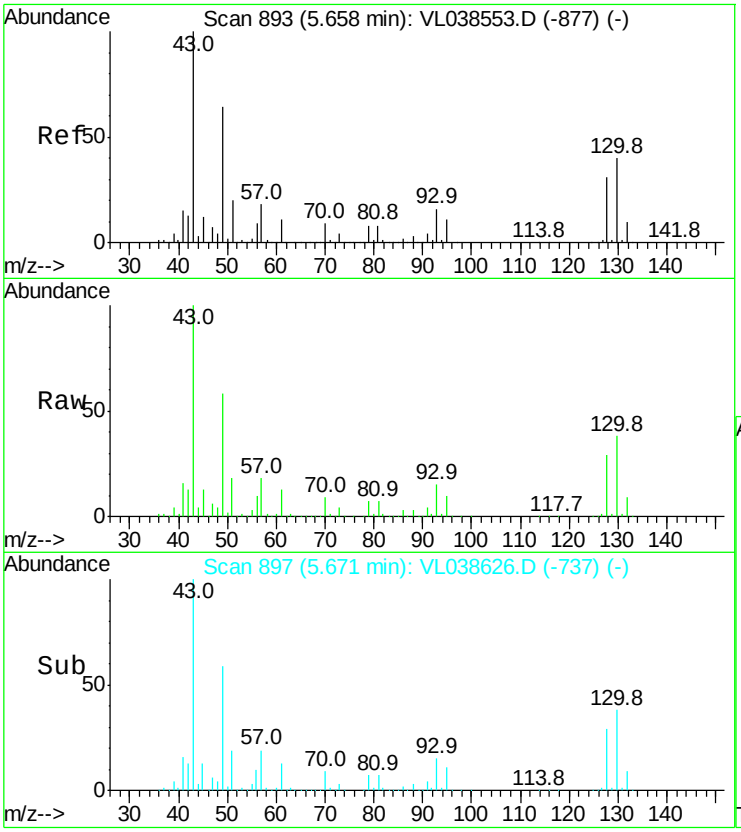
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038626.D
Acq On : 17 Mar 2022 14:15
Operator : SY/AP
Sample : VL0317ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Quant Time: Mar 18 03:30:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



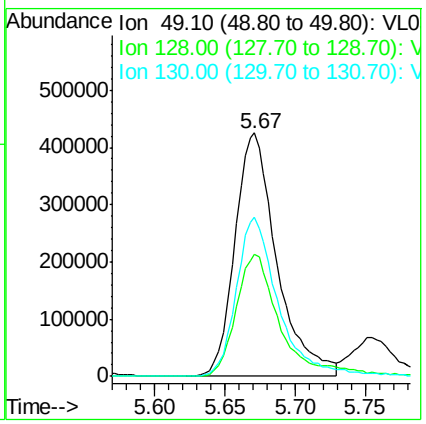


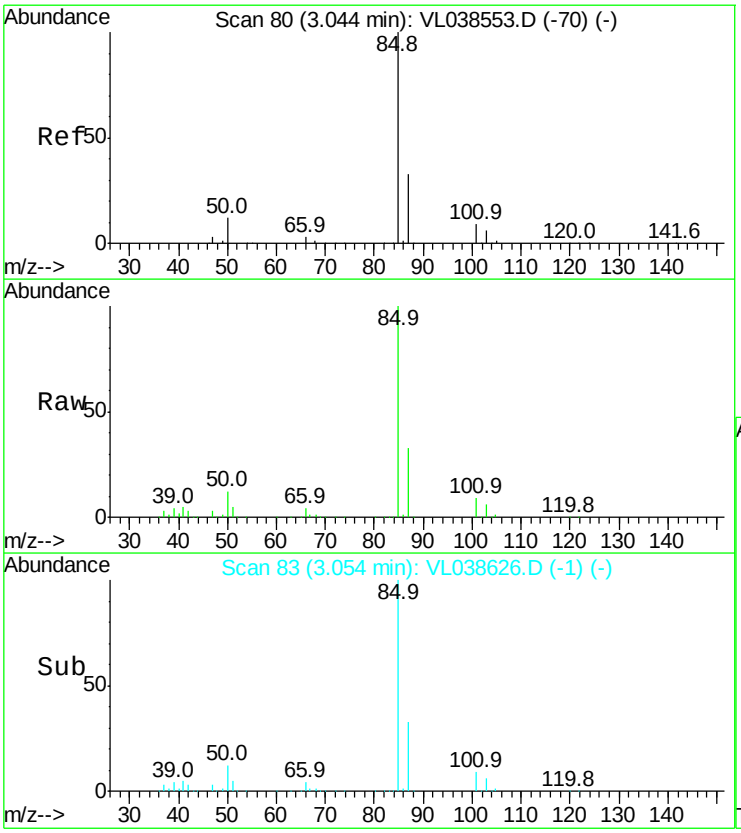
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 49 Resp: 882547

Ion	Ratio	Lower	Upper
49	100		
128	53.6	26.4	79.2
130	67.1	33.0	98.9

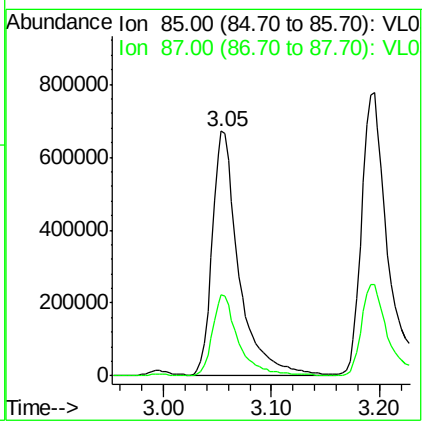


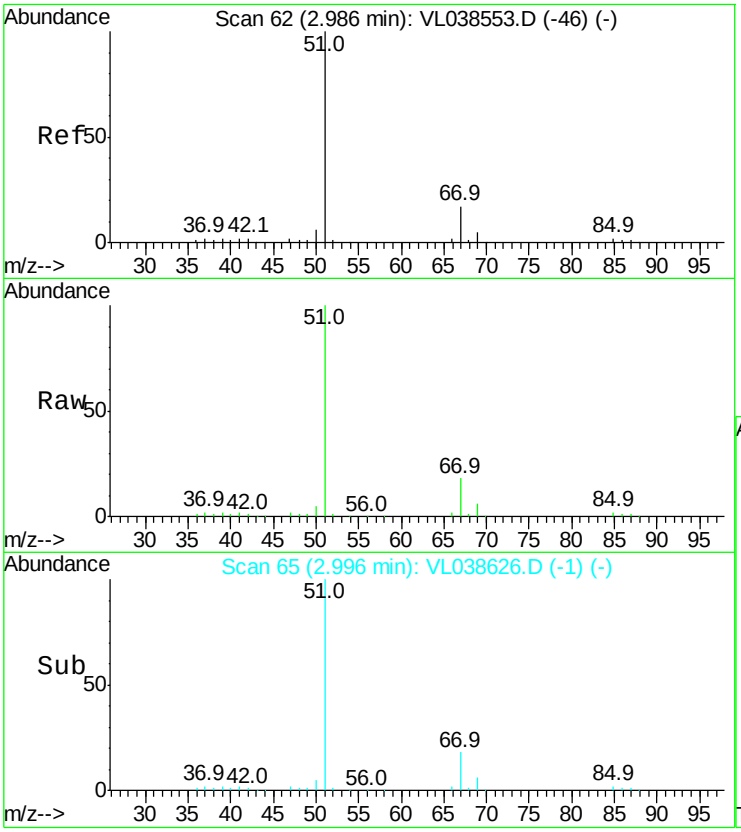


#2
Dichlorodifluoromethane
Concen: 8.66 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 85 Resp: 1154493

Ion	Ratio	Lower	Upper
85	100		
87	33.2	26.2	39.2



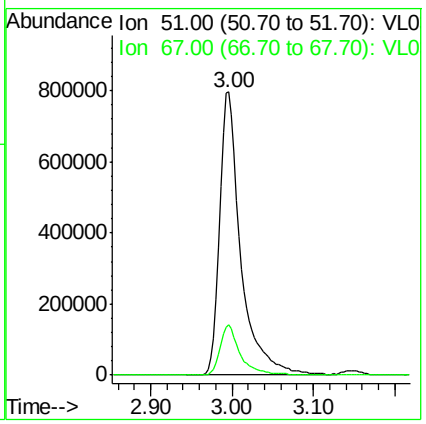


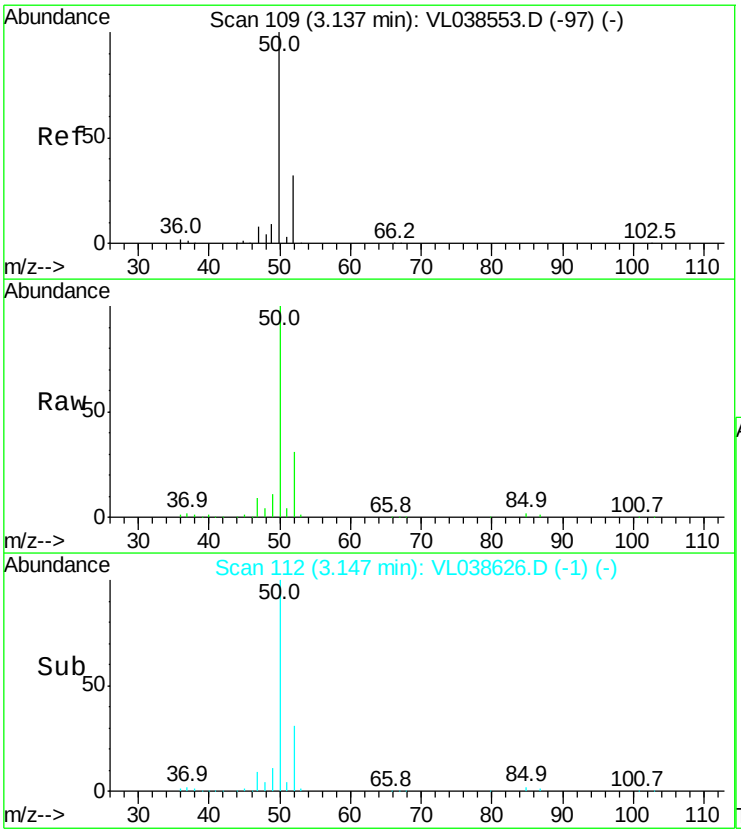
#3
Chlorodifluoromethane
Concen: 9.41 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 51 Resp: 1464323

Ion	Ratio	Lower	Upper
51	100		
67	17.2	13.6	20.4

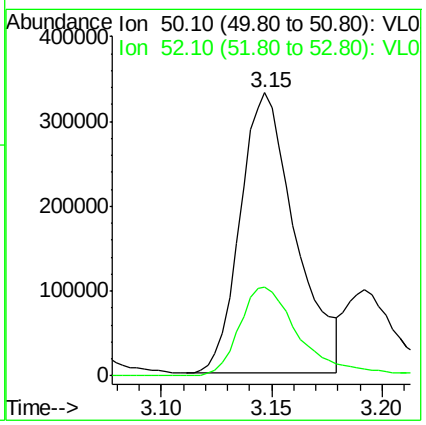


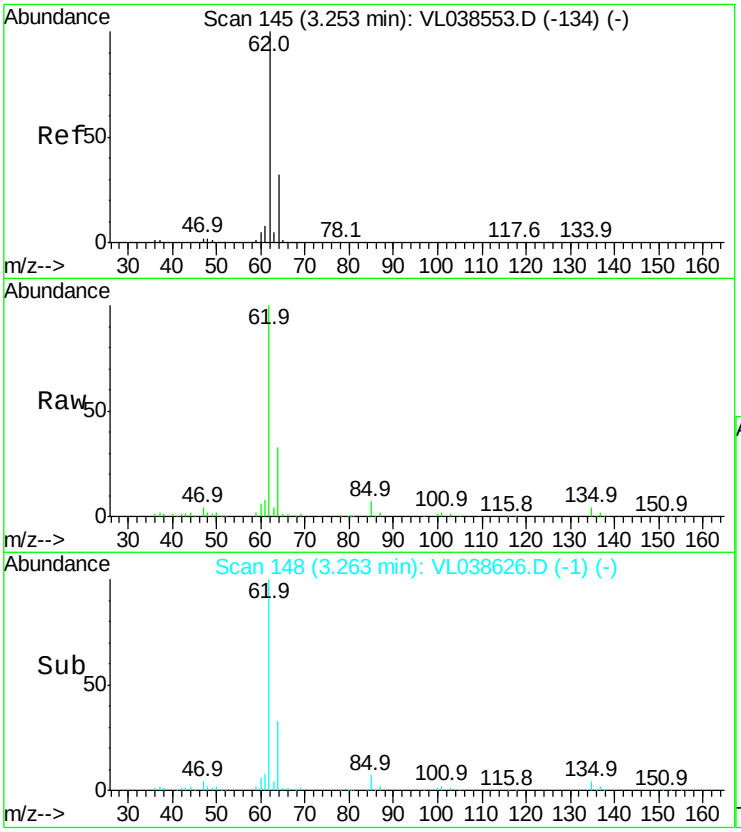


#4
Chloromethane
Concen: 10.02 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 50 Resp: 578055

Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.6	38.4



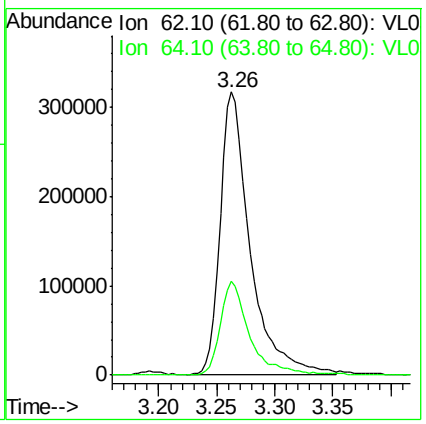


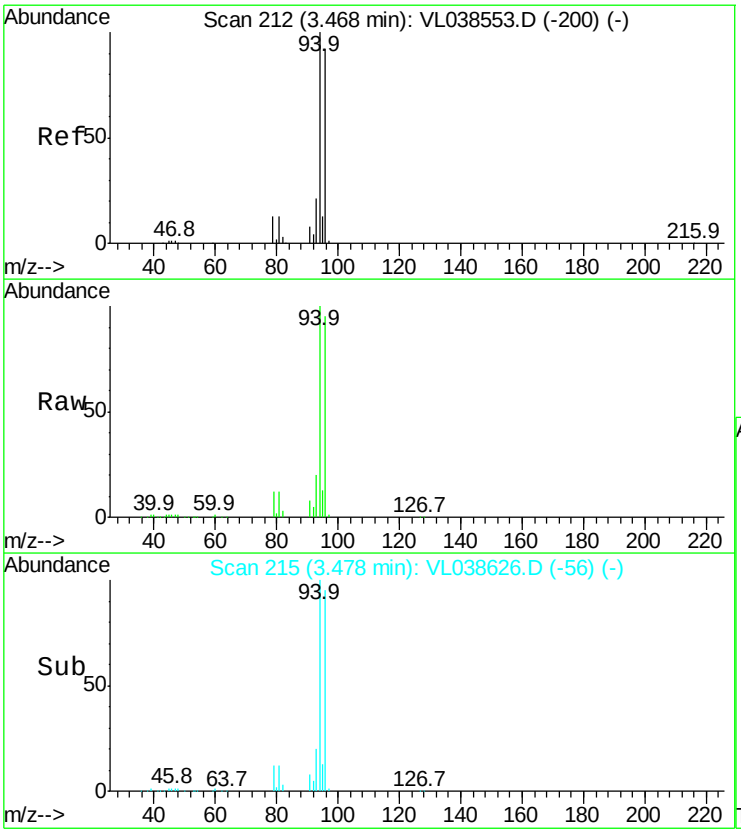
#5
Vinyl Chloride
Concen: 9.90 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 62 Resp: 573072

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.8	38.6

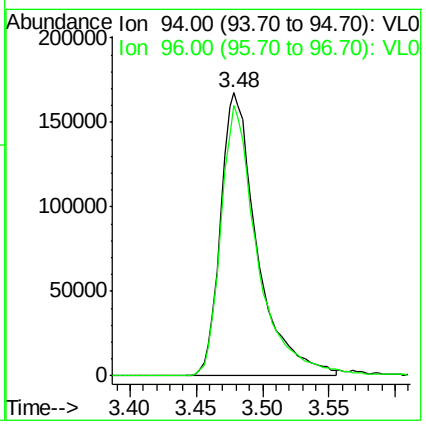


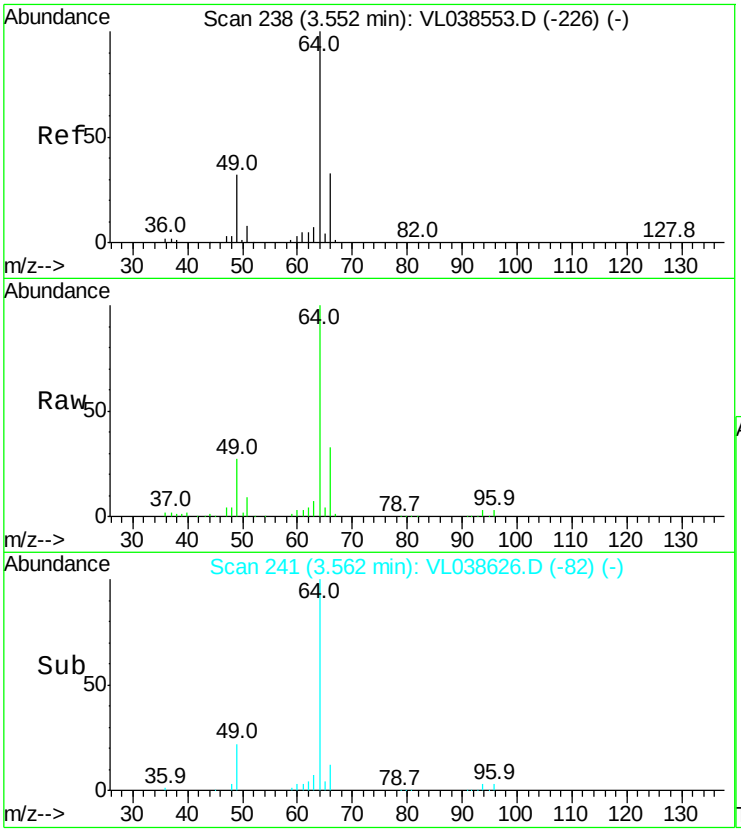


#6
Bromomethane
Concen: 10.38 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 94 Resp: 322610

Ion	Ratio	Lower	Upper
94	100		
96	95.4	73.7	110.5



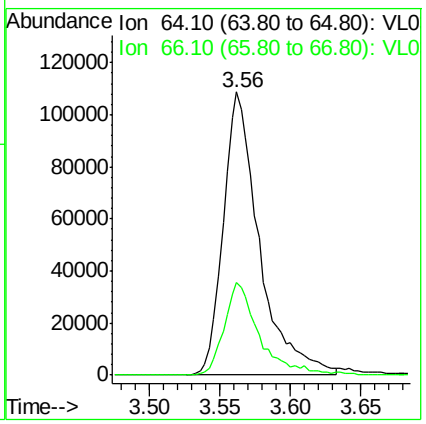


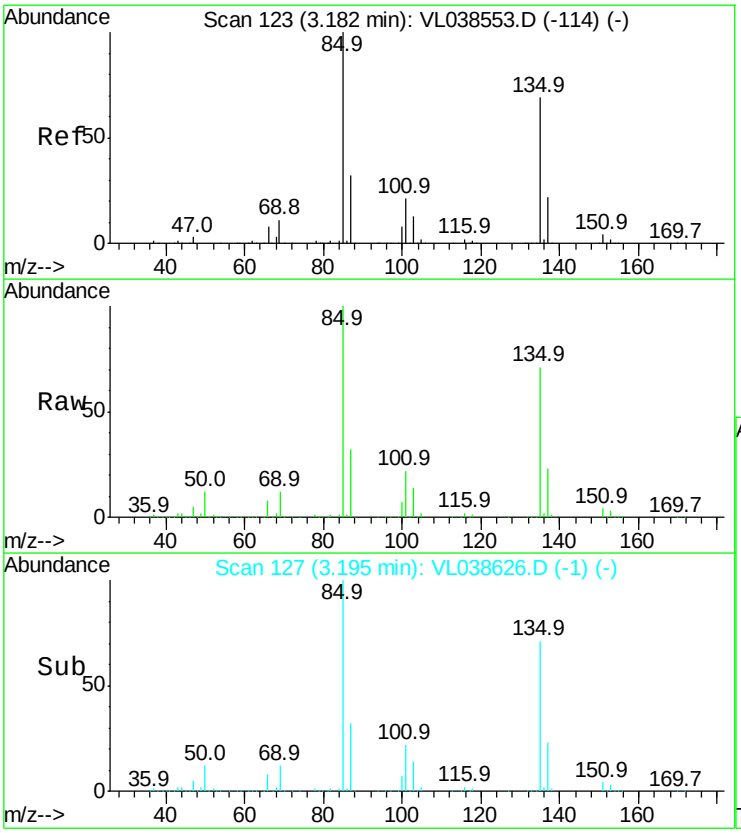
#7
Chloroethane
Concen: 10.34 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 64 Resp: 193931

Ion	Ratio	Lower	Upper
64	100		
66	32.5	26.6	39.8

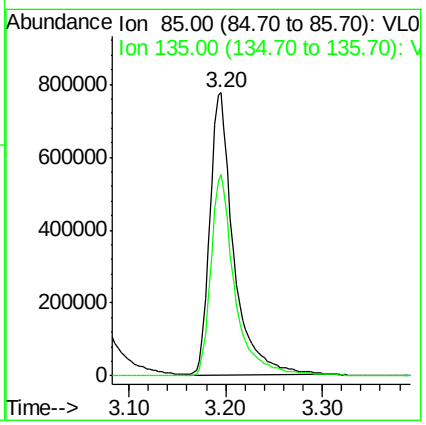


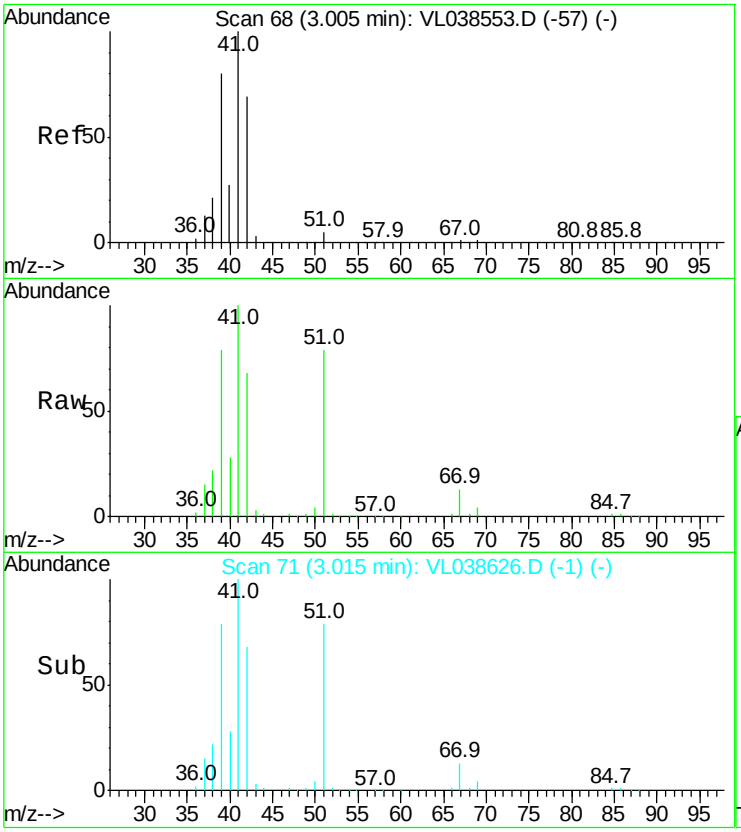


#8
Dichlorotetrafluoroethane
Concen: 10.31 ppbv
RT: 3.20 min Scan# 127
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 85 Resp: 1331786

Ion	Ratio	Lower	Upper
85	100		
135	72.1	59.0	88.4



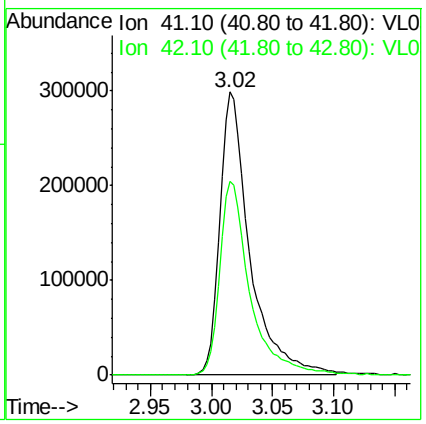


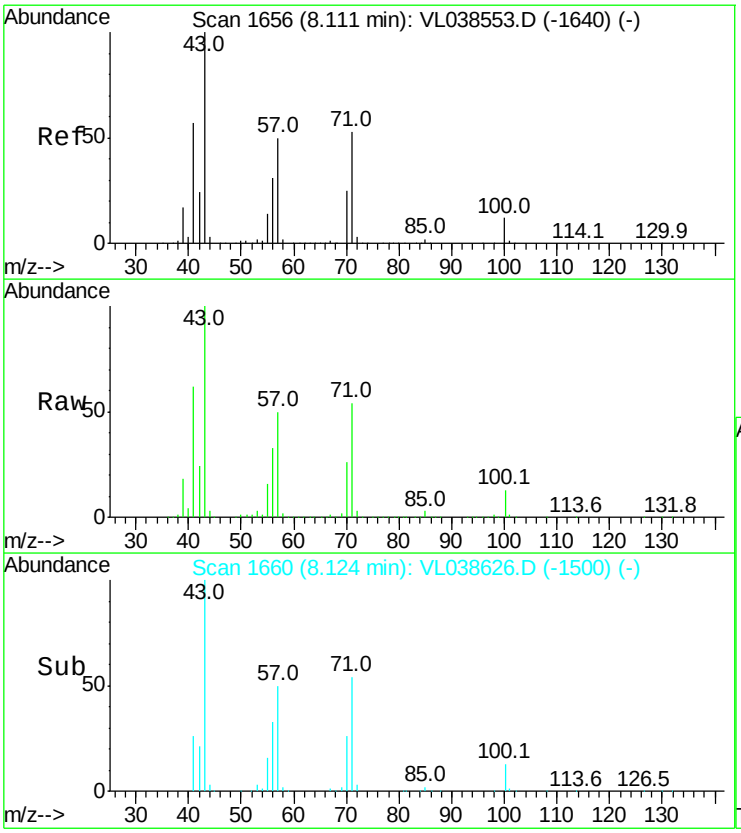
#9
Propene
Concen: 9.42 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 41 Resp: 517133

Ion	Ratio	Lower	Upper
41	100		
42	69.6	55.7	83.5

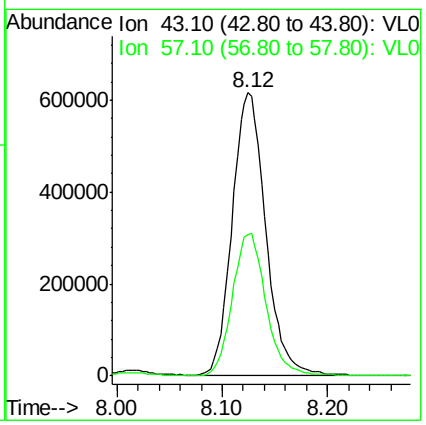


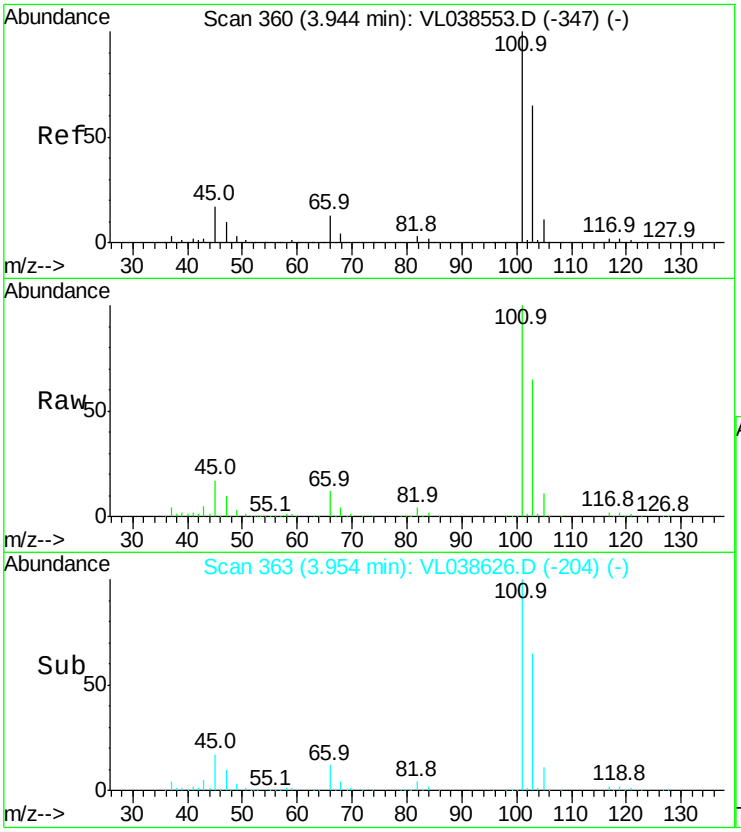


#10
Heptane
Concen: 10.27 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 43 Resp: 1348443

Ion	Ratio	Lower	Upper
43	100		
57	50.7	39.6	59.4



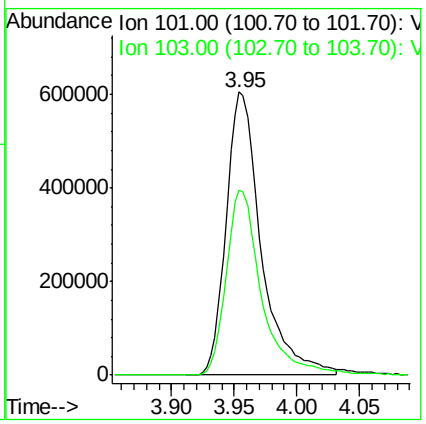


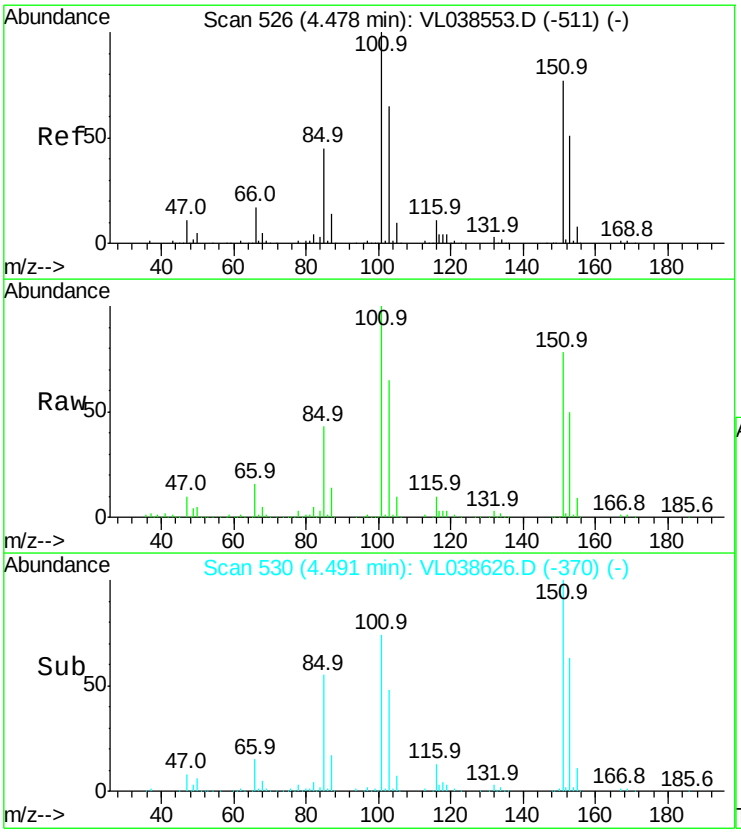
#11
Trichlorofluoromethane
Concen: 10.05 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:101 Resp: 1174736

Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.0	78.0

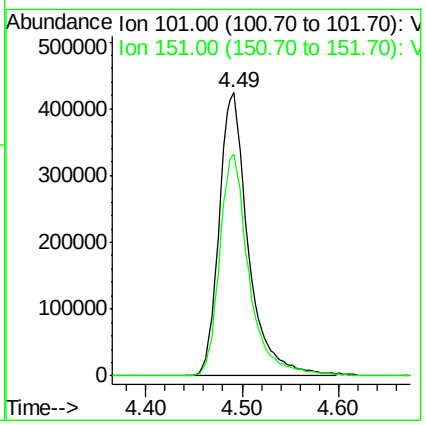


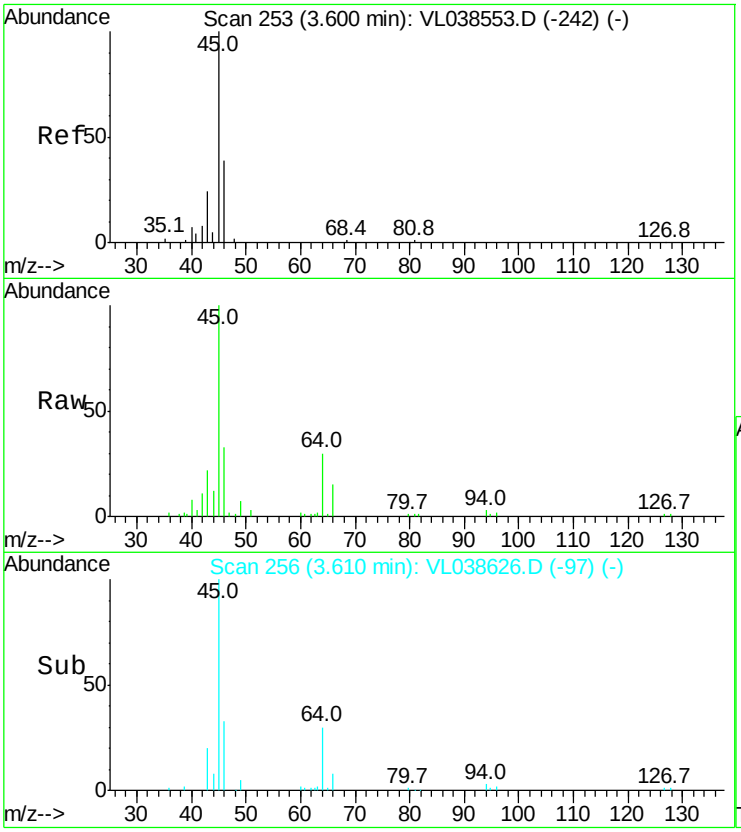


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.81 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:101 Resp: 891505

Ion	Ratio	Lower	Upper
101	100		
151	78.9	63.4	95.0



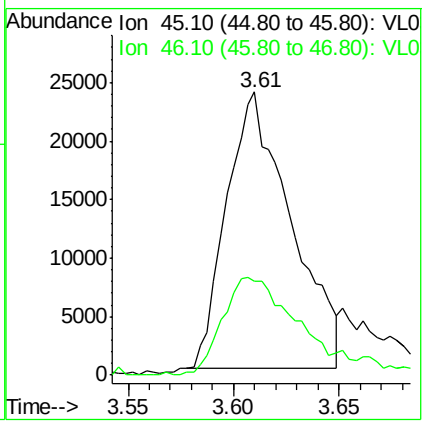


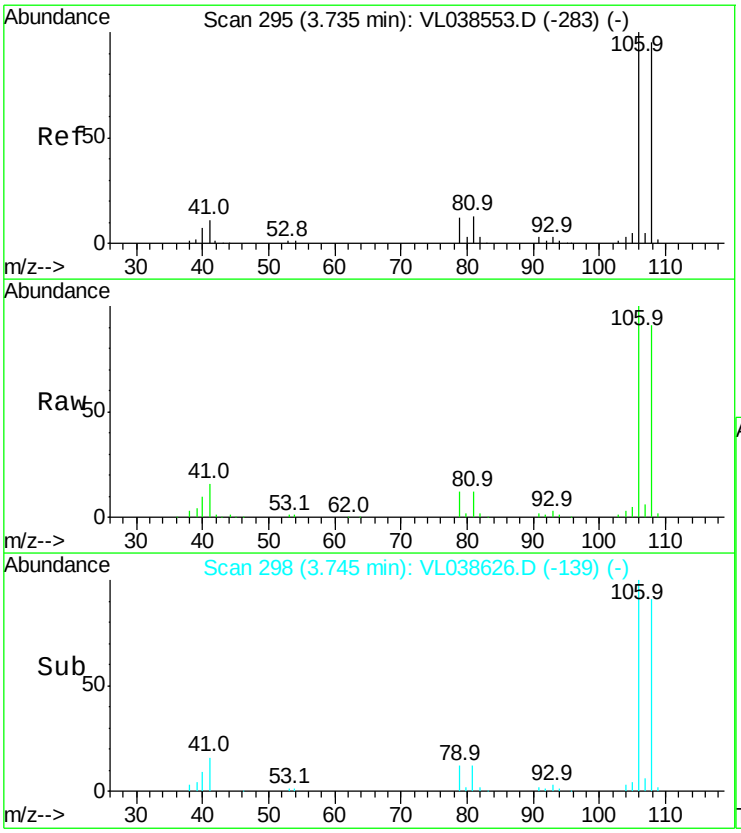
#13
Ethanol
Concen: 7.94 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 45 Resp: 50072

Ion	Ratio	Lower	Upper
45	100		
46	44.5	16.8	67.0

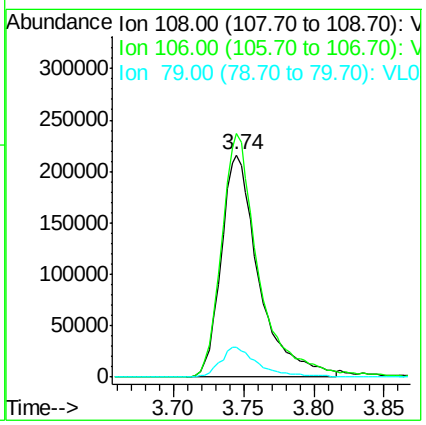


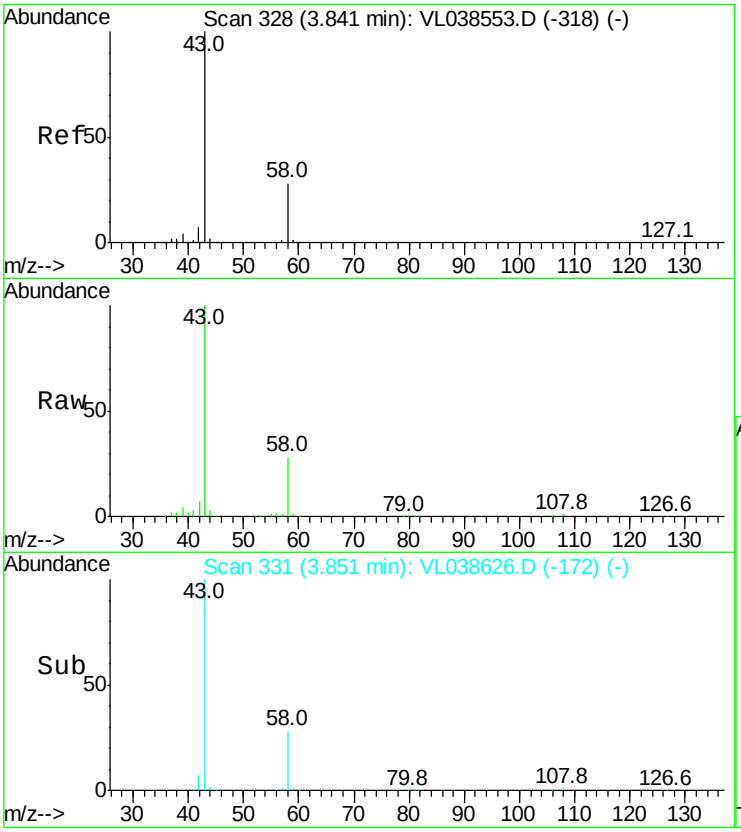


#14
Bromoethene
Concen: 10.40 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:108 Resp: 402552

Ion	Ratio	Lower	Upper
108	100		
106	109.5	85.9	128.9
79	14.0	11.0	16.6



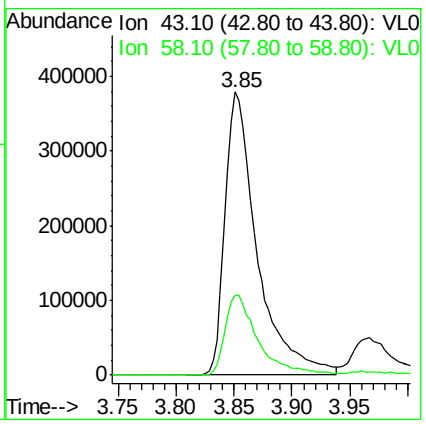


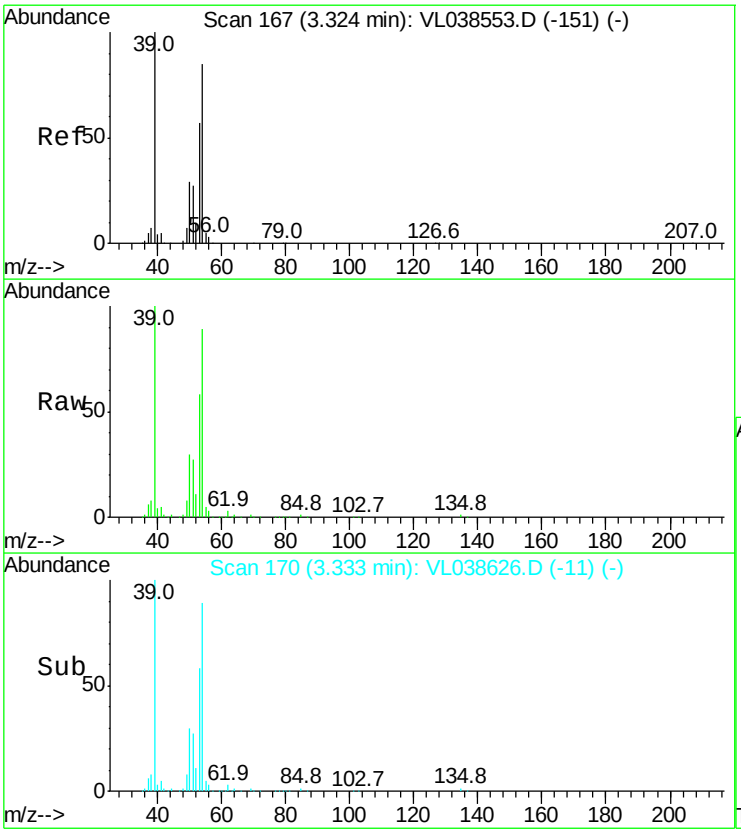
#15
Acetone
Concen: 11.63 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 43 Resp: 724050

Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.7	34.1

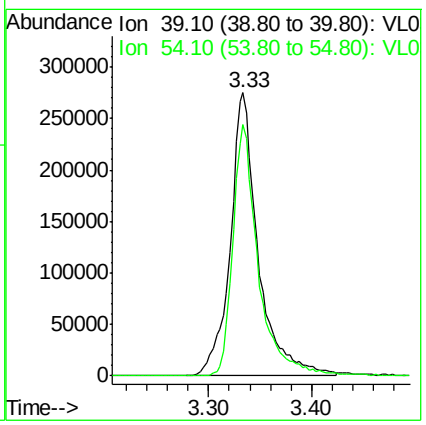


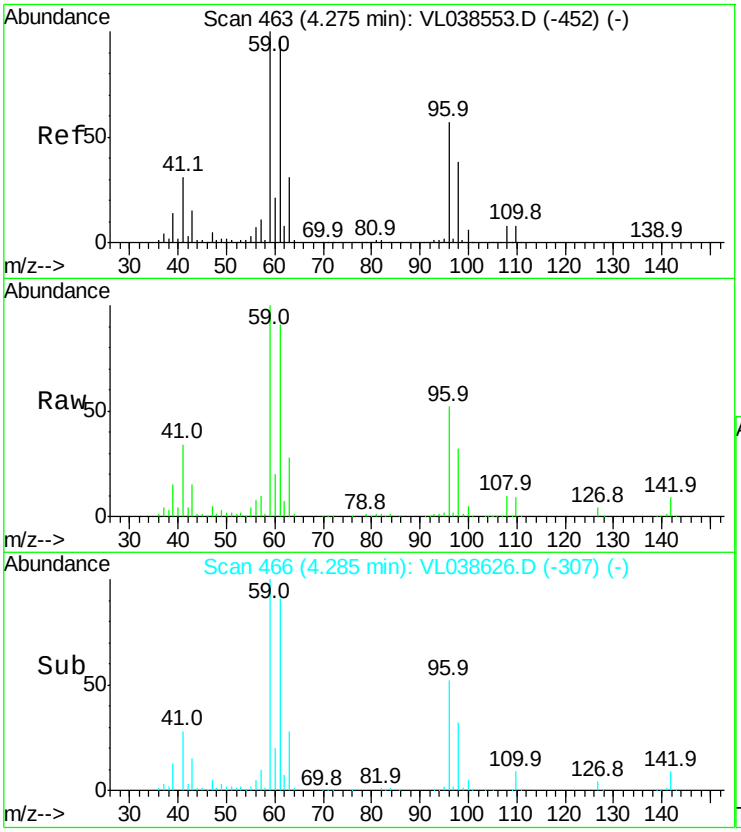


#16
1,3-Butadiene
Concen: 10.39 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 39 Resp: 519502

Ion	Ratio	Lower	Upper
39	100		
54	81.8	64.2	96.2



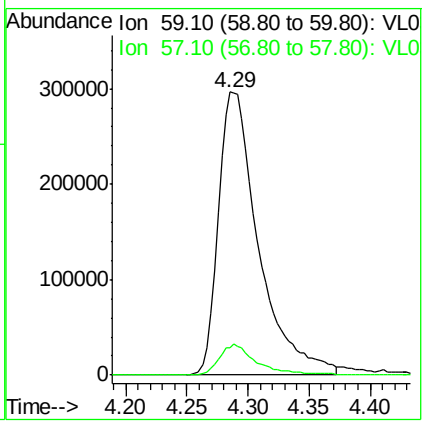


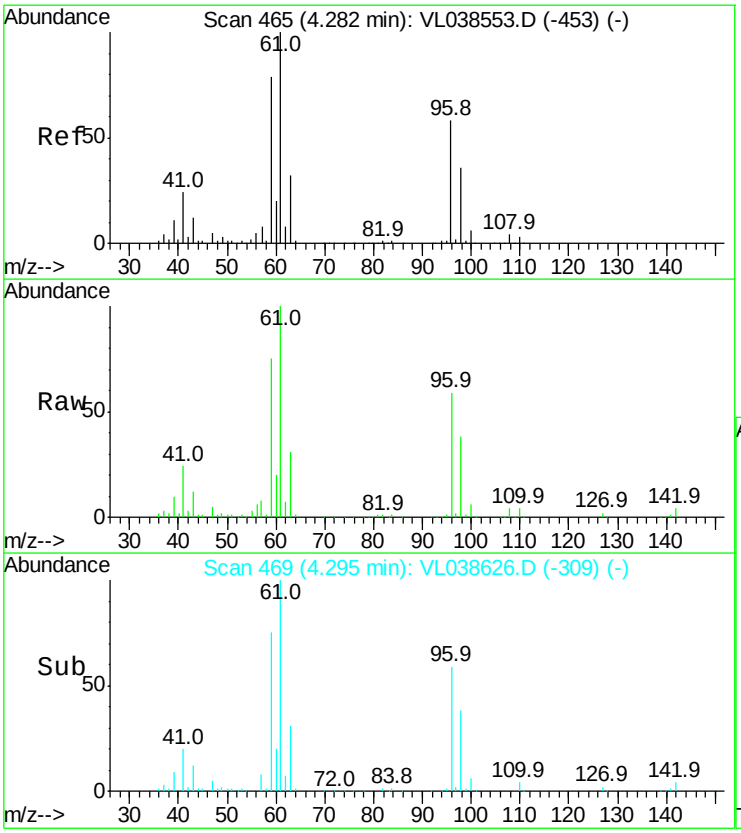
#17
tert-Butyl alcohol
Concen: 10.13 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 59 Resp: 685138

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

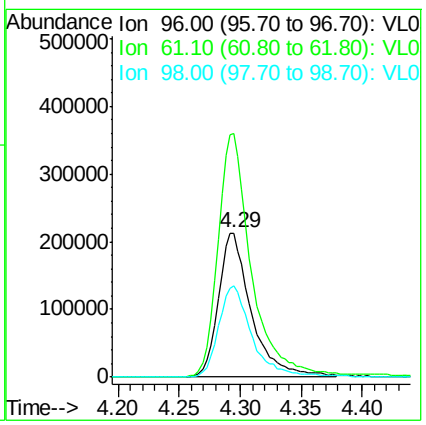


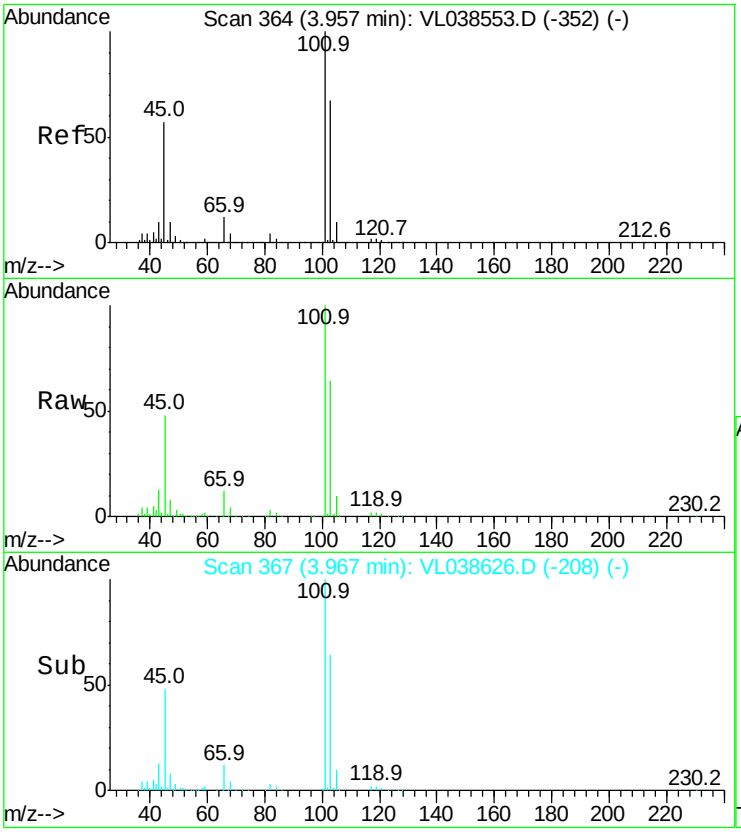


#18
1,1-Dichloroethene
Concen: 9.93 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 96 Resp: 403775

Ion	Ratio	Lower	Upper
96	100		
61	168.6	137.4	206.0
98	63.5	49.3	73.9



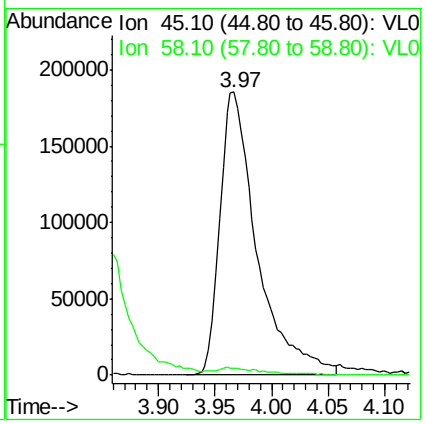


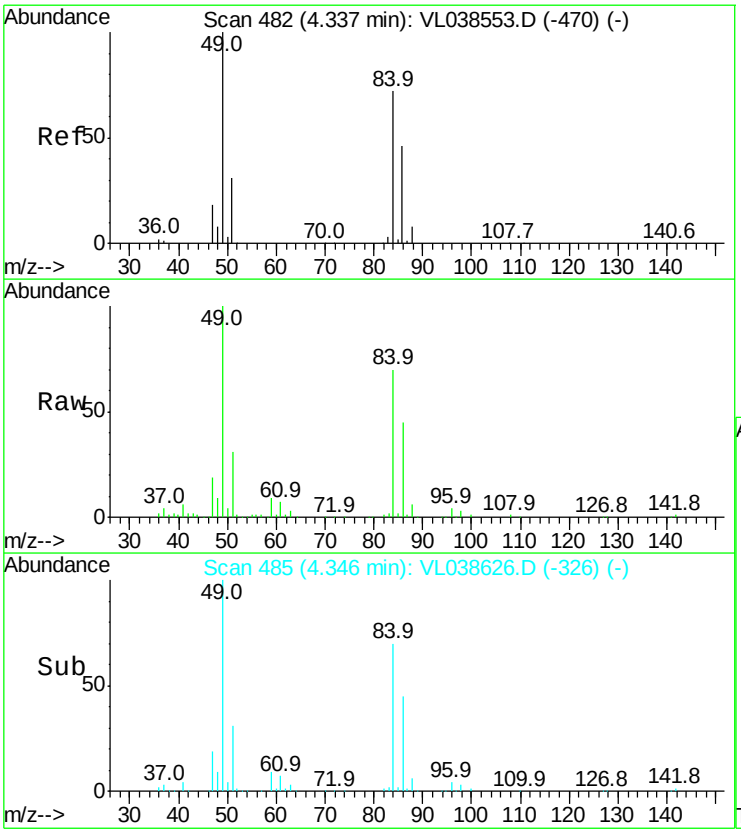
#19
Isopropyl Alcohol
Concen: 10.24 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 45 Resp: 425641

Ion	Ratio	Lower	Upper
45	100		
58	3.8	2.2	3.2#

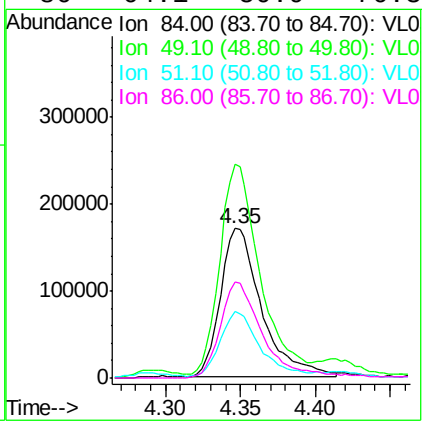


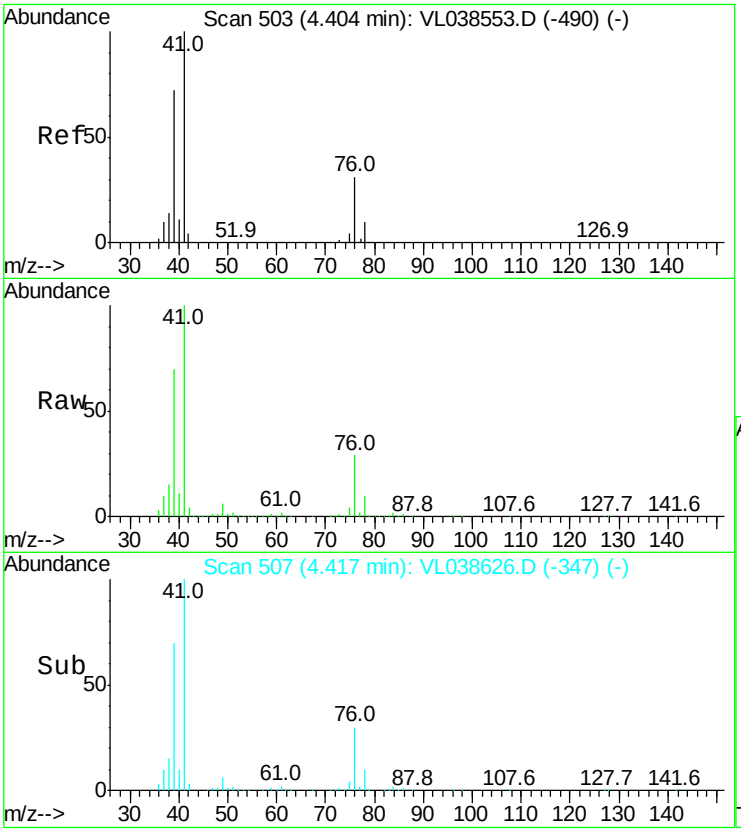


#20
Methylene Chloride
Concen: 8.81 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 84 Resp: 330078

Ion	Ratio	Lower	Upper
84	100		
49	141.4	111.1	166.7
51	43.4	34.0	51.0
86	64.1	50.9	76.3



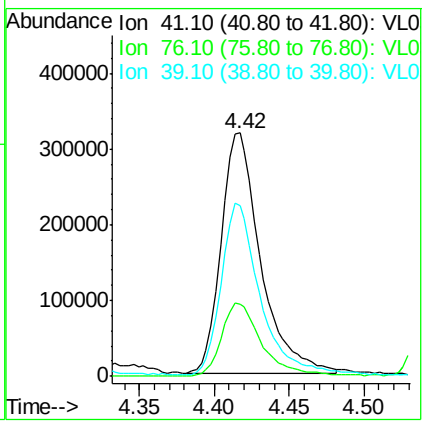


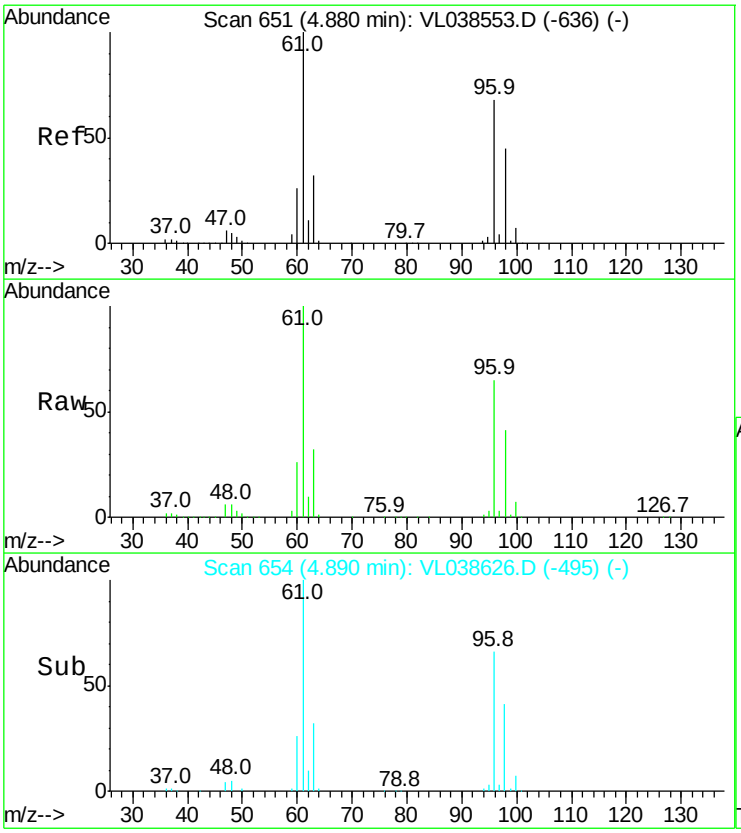
#21
Allyl Chloride
Concen: 9.67 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 41 Resp: 580267

Ion	Ratio	Lower	Upper
41	100		
76	31.5	24.3	36.5
39	71.9	57.1	85.7

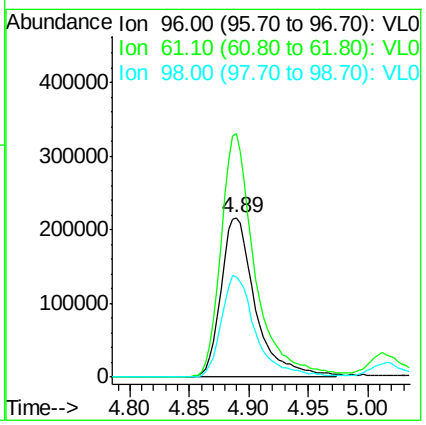


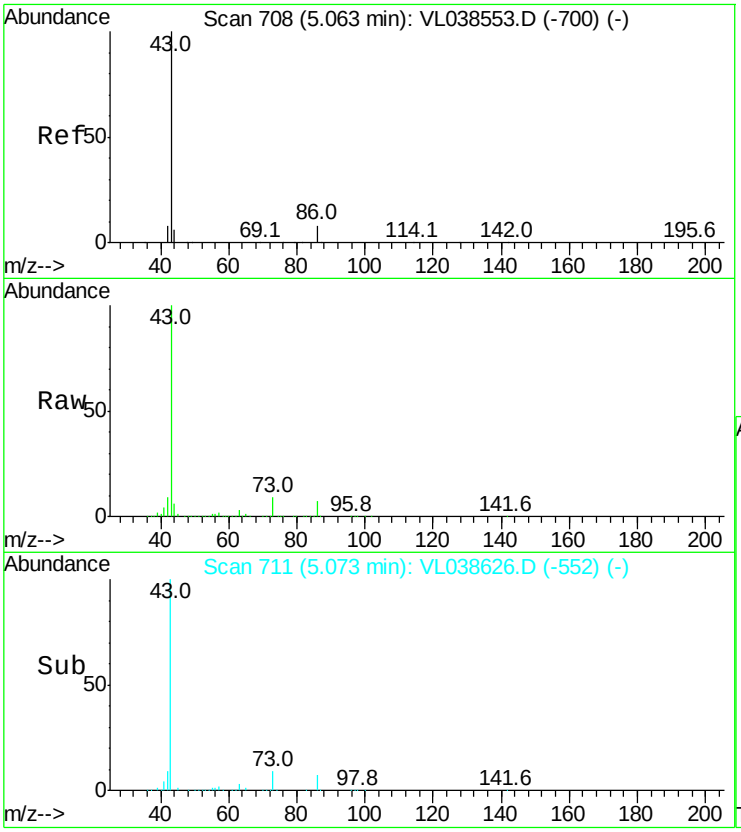


#22
trans-1,2-Dichloroethene
Concen: 10.17 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 96 Resp: 433511

Ion	Ratio	Lower	Upper
96	100		
61	152.8	117.6	176.4
98	63.2	52.6	78.8



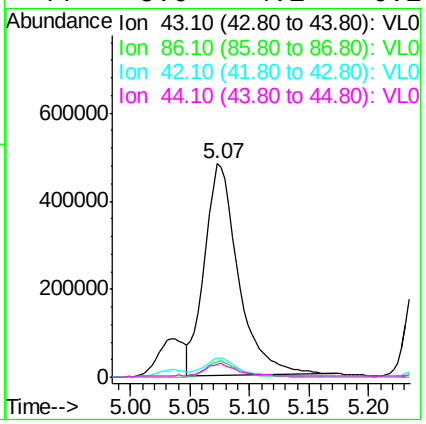


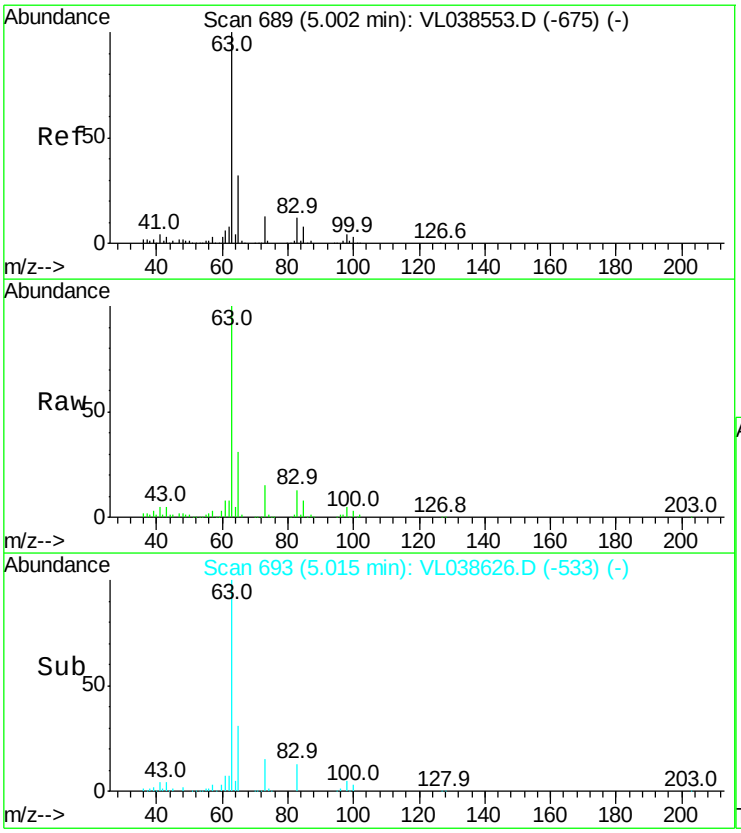
#23
Vinyl Acetate
Concen: 10.69 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 43 Resp: 953750

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4
42	8.7	7.1	10.7
44	5.6	4.1	6.1

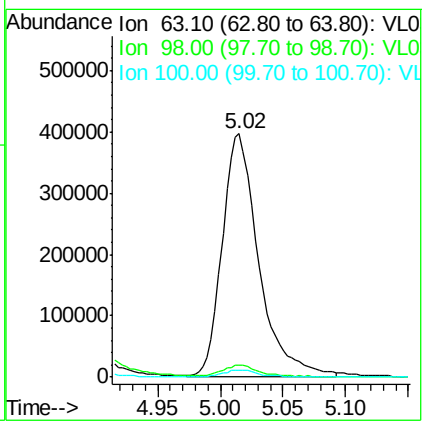


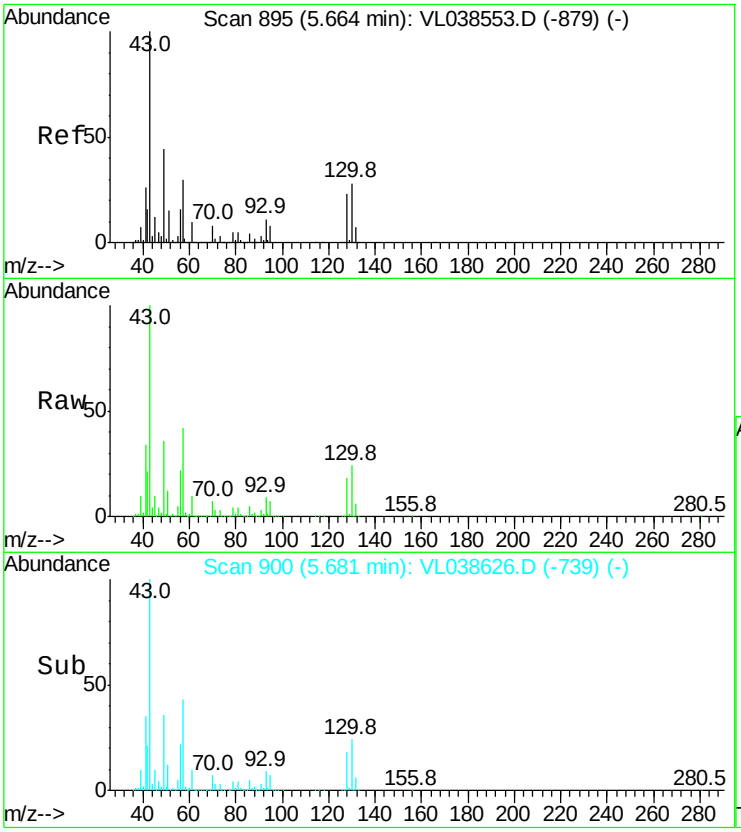


#24
1,1-Dichloroethane
Concen: 9.85 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 63 Resp: 799000

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.2	6.6
100	2.8	1.5	4.5



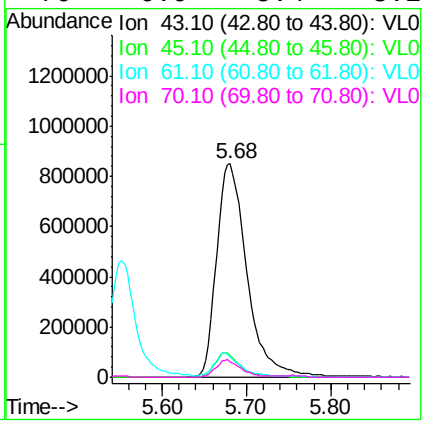


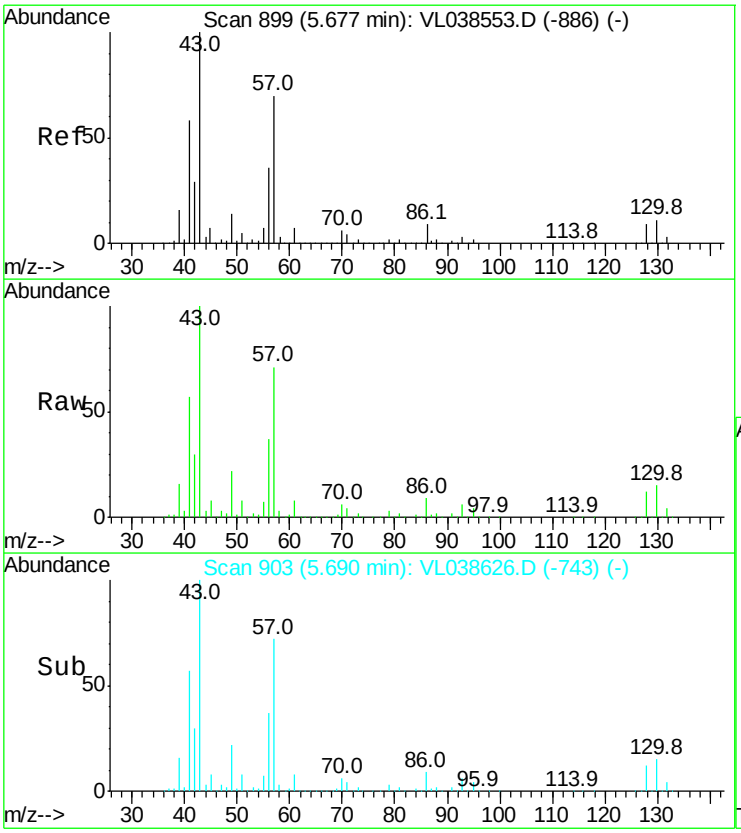
#25
Ethyl Acetate
Concen: 10.11 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 43 Resp: 2118725

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	10.6	8.2	12.4
70	6.9	5.4	8.2

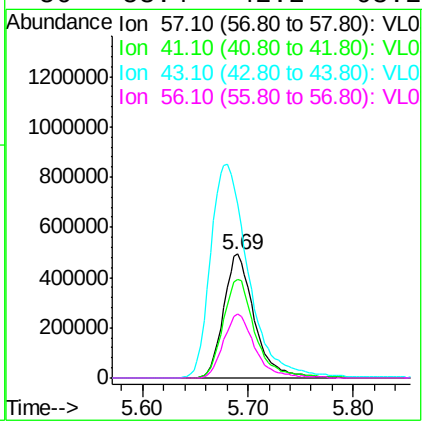


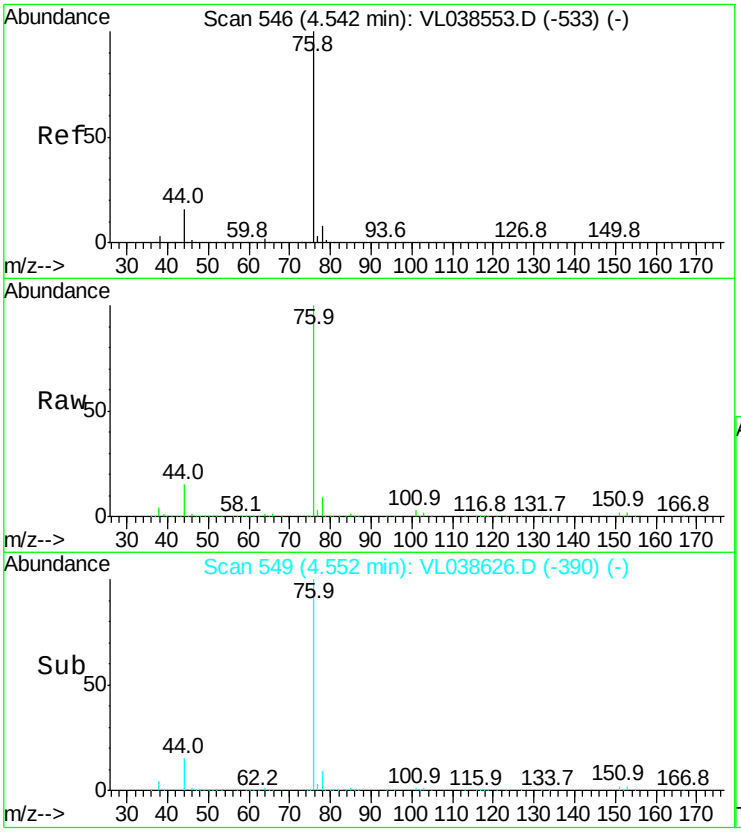


#26
Hexane
Concen: 10.10 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 57 Resp: 994299

Ion	Ratio	Lower	Upper
57	100		
41	83.6	67.8	101.6
43	213.9	173.6	260.4
56	53.4	42.2	63.2



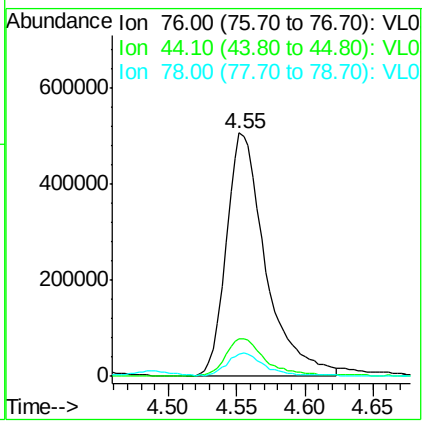


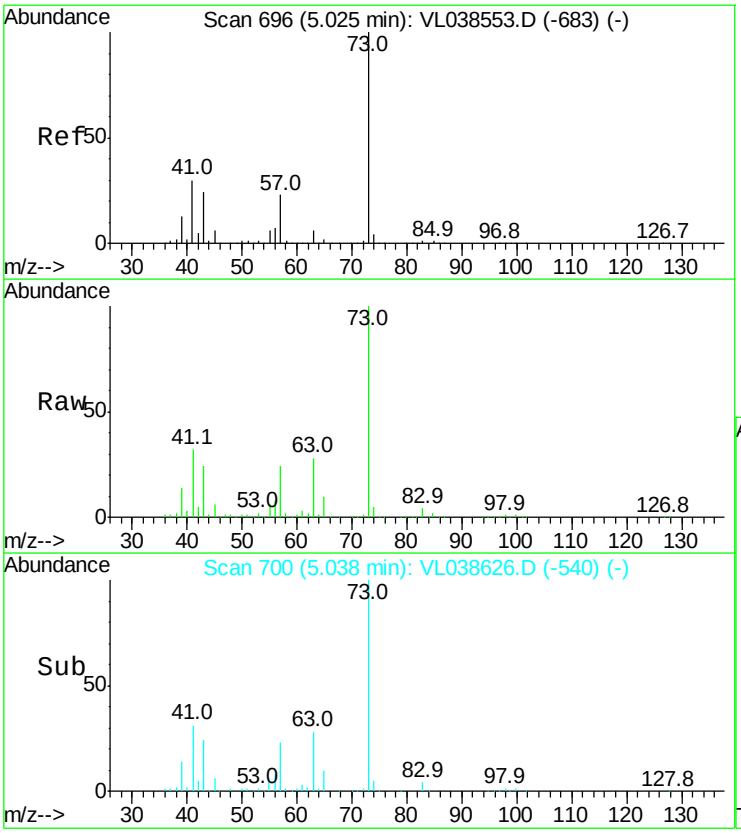
#27
Carbon Disulfide
Concen: 10.27 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 76 Resp: 1007215

Ion	Ratio	Lower	Upper
76	100		
44	15.8	12.9	19.3
78	10.1	7.8	11.6

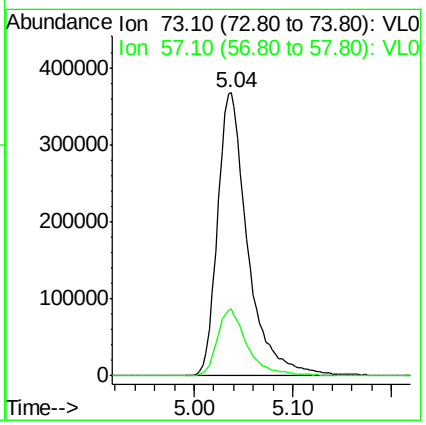


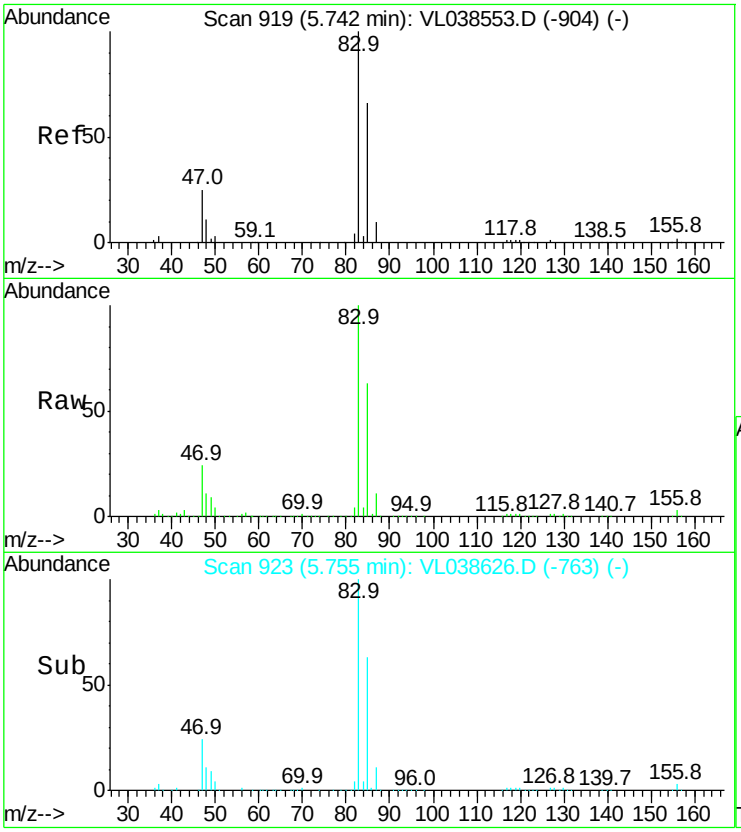


#28
Methyl tert-Butyl Ether
Concen: 9.82 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 73 Resp: 786892

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.8	28.2



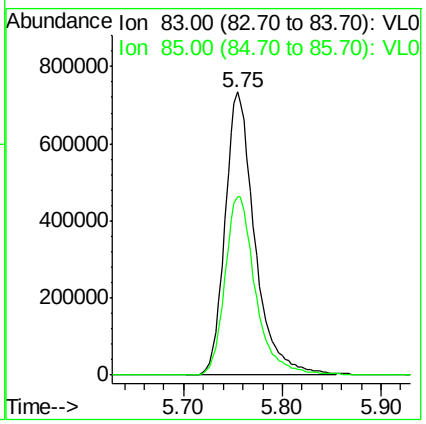


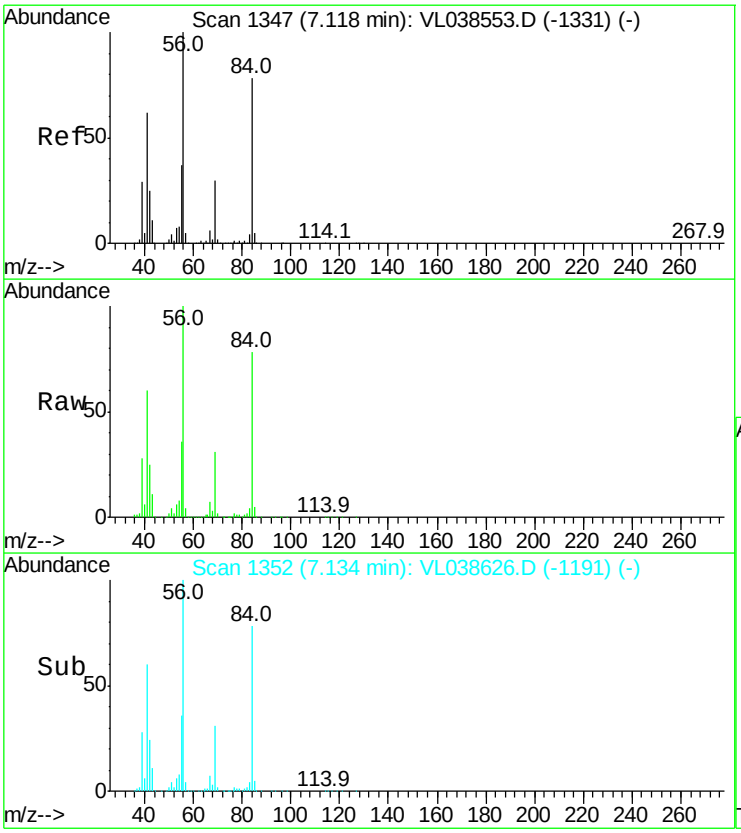
#29
Chloroform
Concen: 10.10 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 83 Resp: 1547592

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.8	79.2

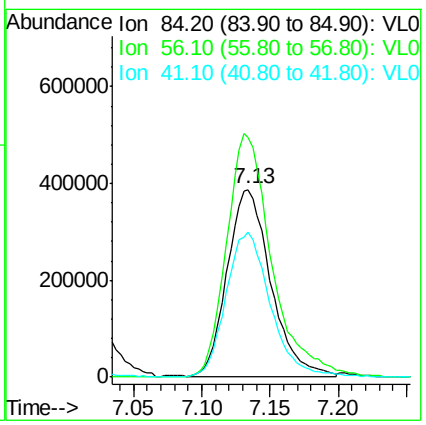


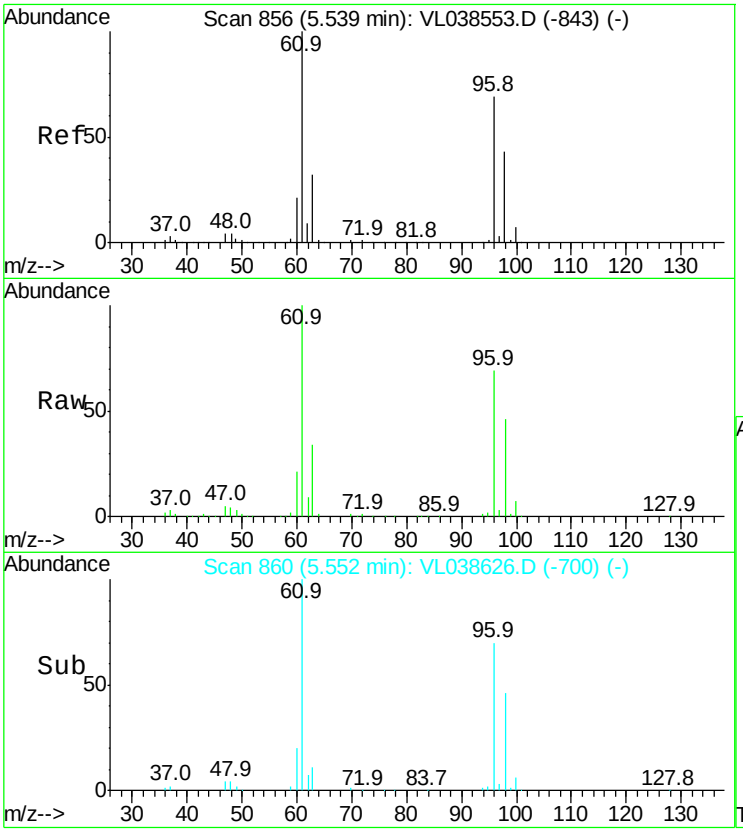


#30
Cyclohexane
Concen: 10.17 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.02 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 84 Resp: 865844

Ion	Ratio	Lower	Upper
84	100		
56	134.3	111.4	167.0
41	78.4	65.5	98.3



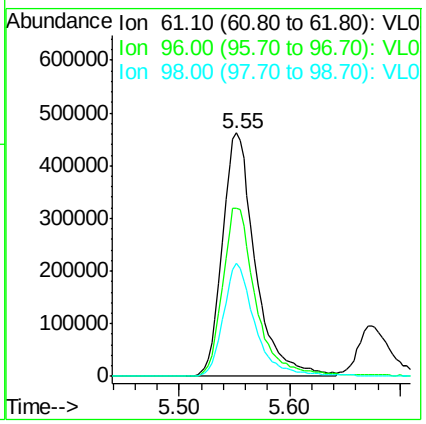


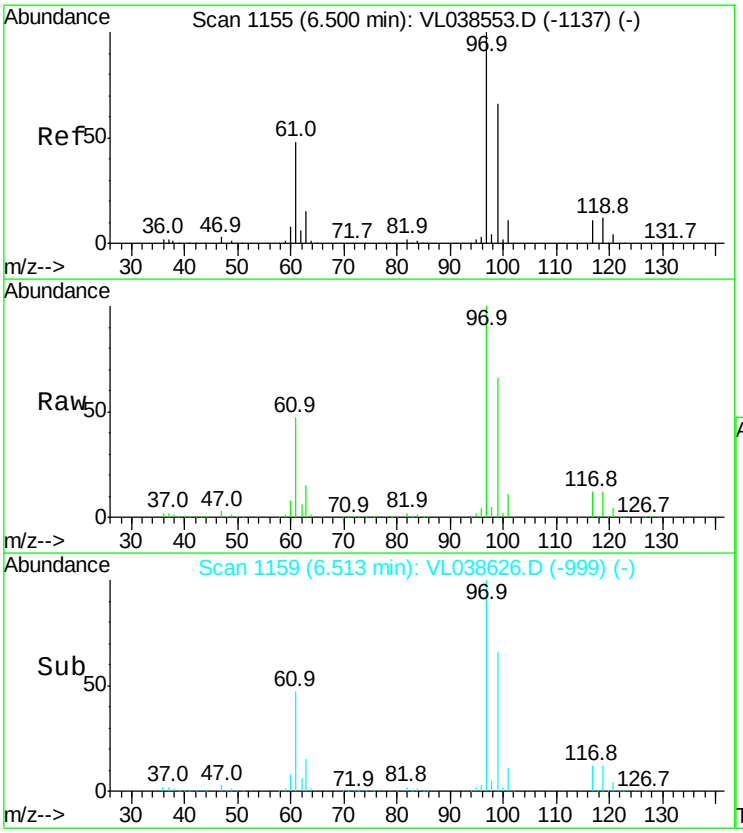
#31
cis-1,2-Dichloroethene
Concen: 10.09 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 61 Resp: 949873

Ion	Ratio	Lower	Upper
61	100		
96	69.2	55.2	82.8
98	46.3	34.2	51.4

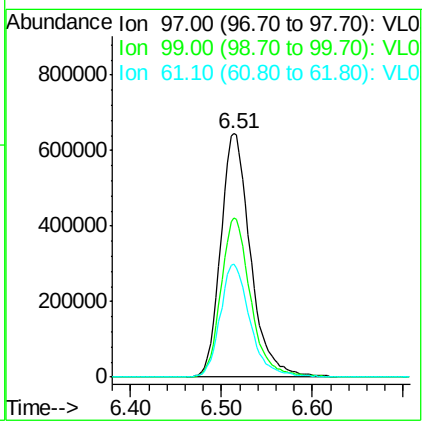


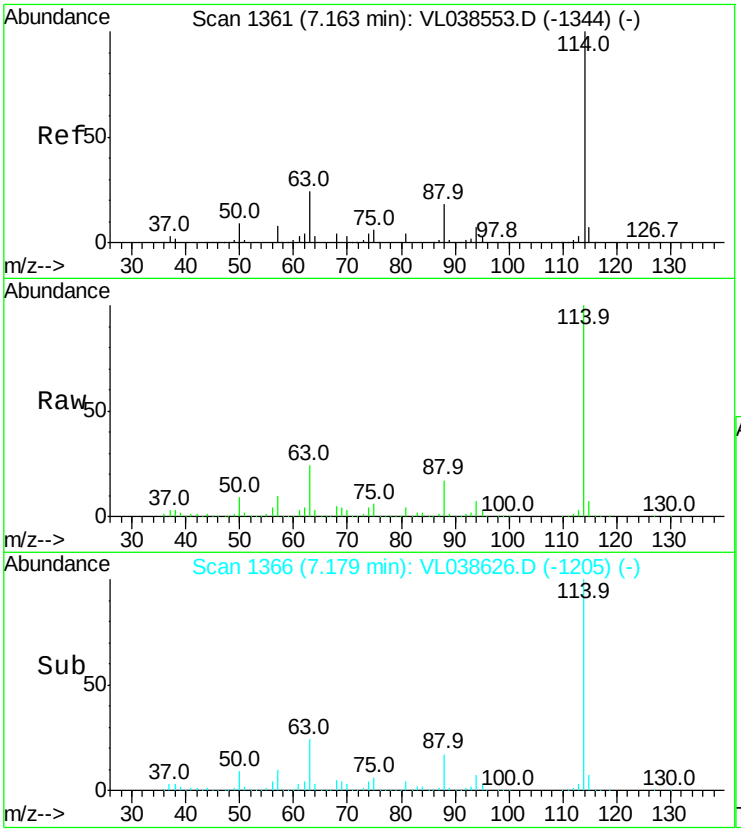


#32
1,1,1-Trichloroethane
Concen: 9.90 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 97 Resp: 1470729

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.1	78.1
61	46.5	37.7	56.5



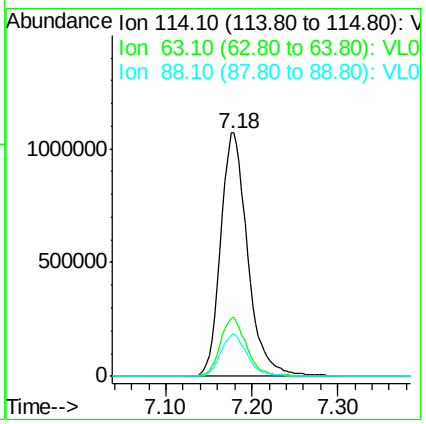


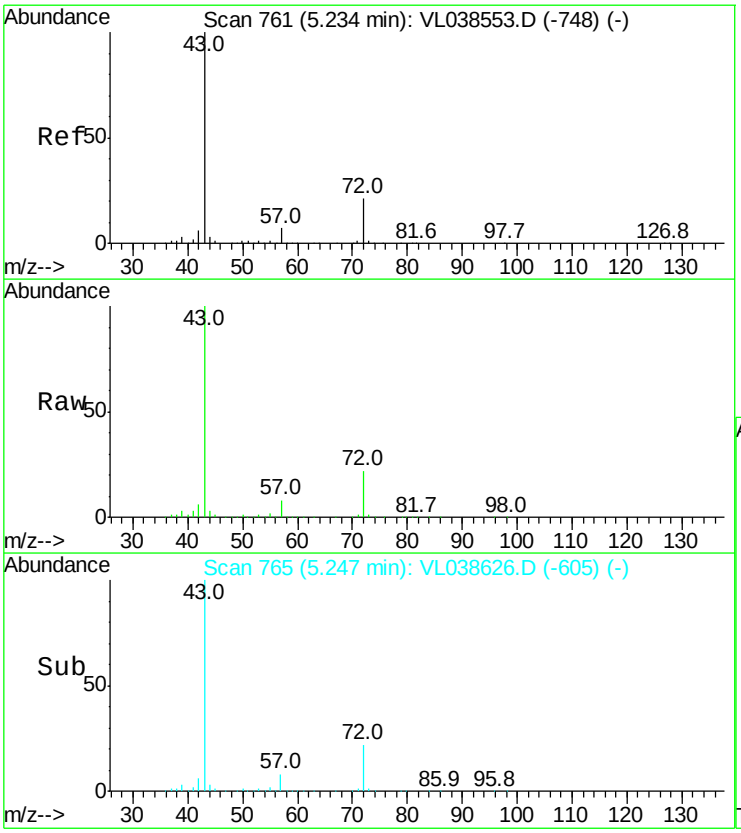
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:114 Resp: 2342832

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	17.0	13.9	20.9

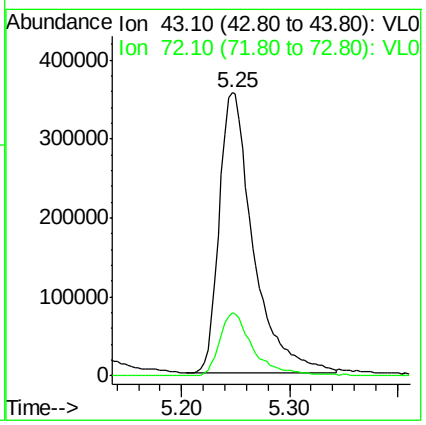


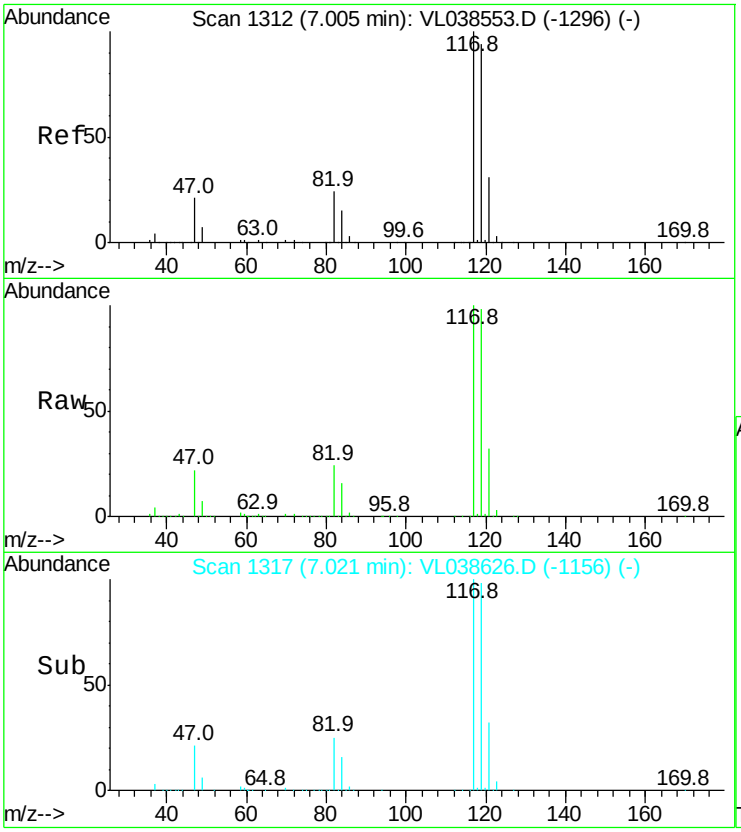


#34
2-Butanone
Concen: 12.90 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 43 Resp: 783327

Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.8	26.6



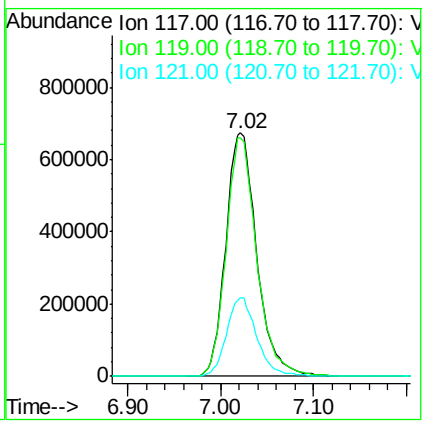


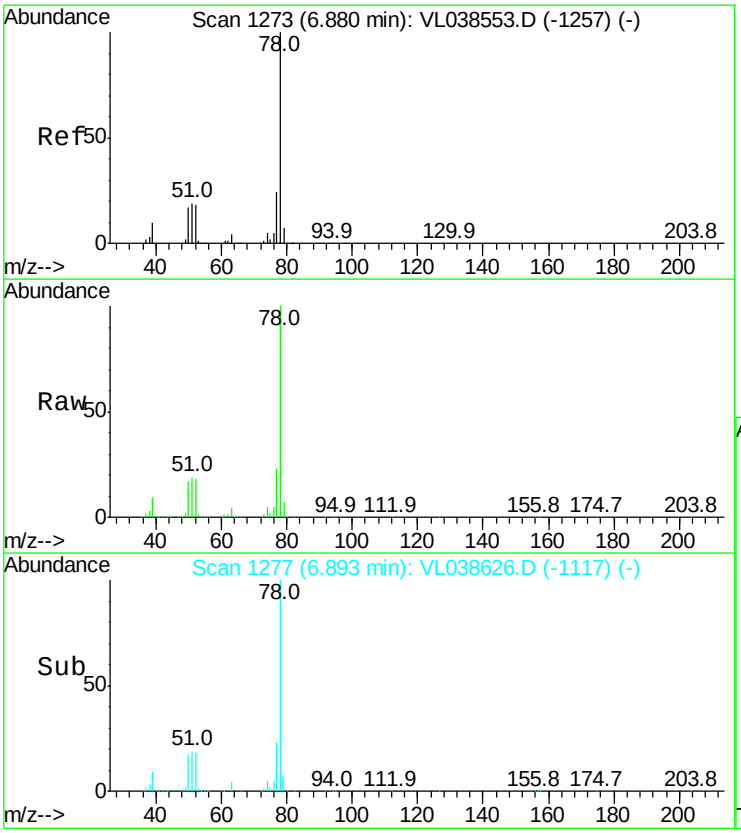
#35
Carbon Tetrachloride
Concen: 9.77 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:117 Resp: 1560976

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.2	112.8
121	32.2	24.8	37.2

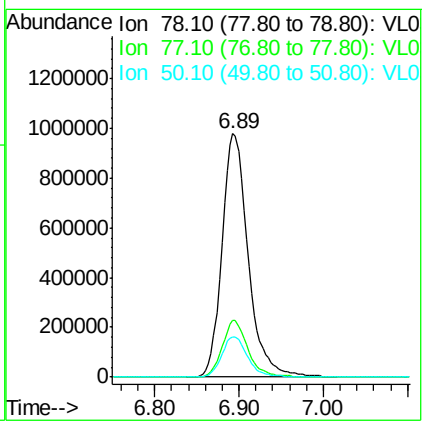


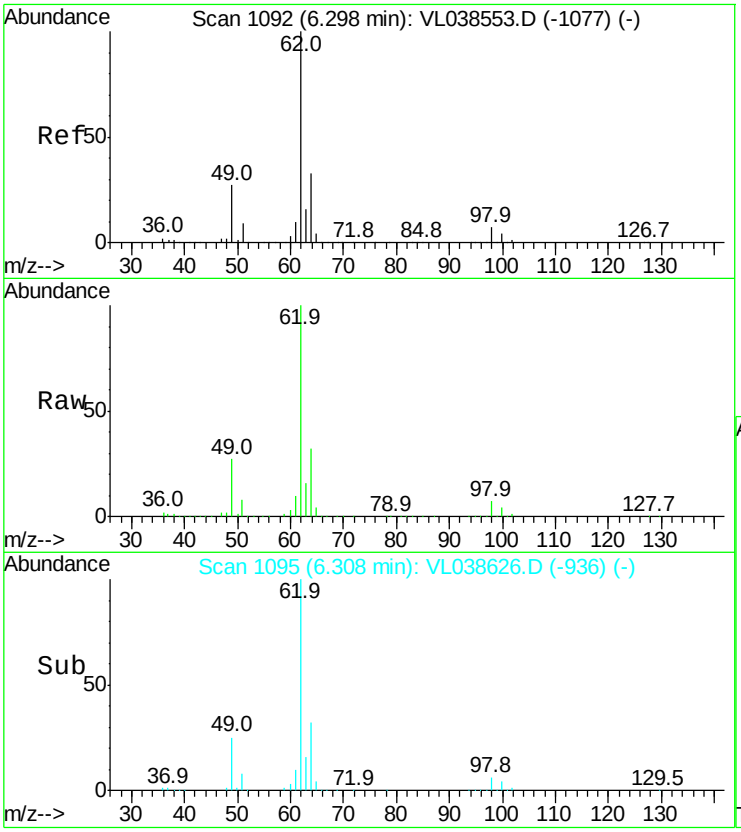


#36
Benzene
Concen: 9.98 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 78 Resp: 2109772

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4
50	16.5	13.9	20.9



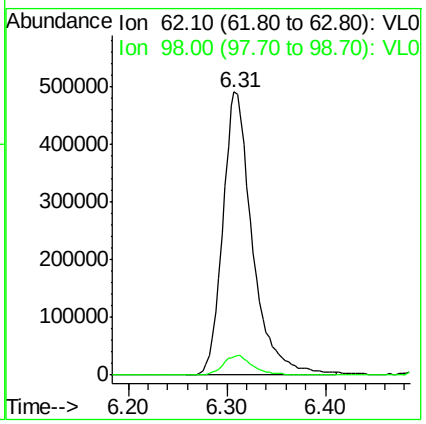


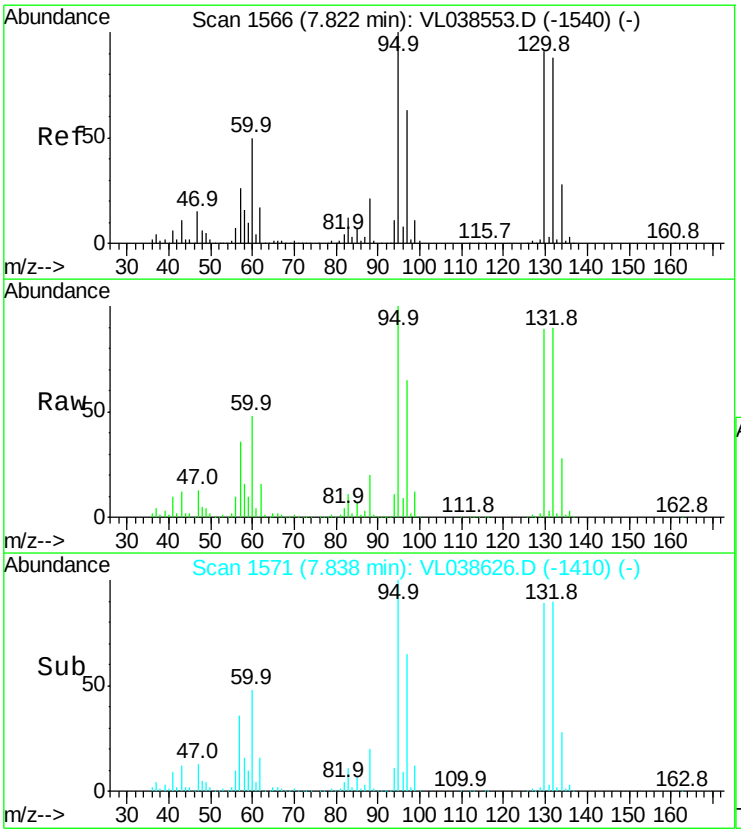
#37
1,2-Dichloroethane
Concen: 10.21 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 62 Resp: 1031505

Ion	Ratio	Lower	Upper
62	100		
98	7.2	5.7	8.5

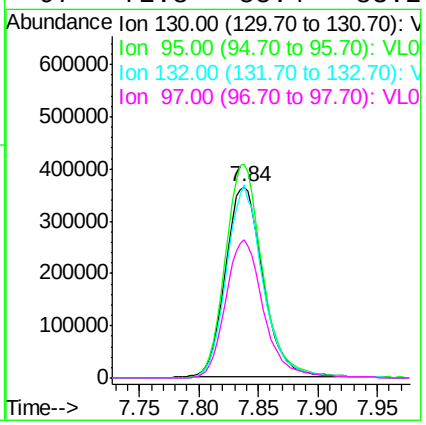


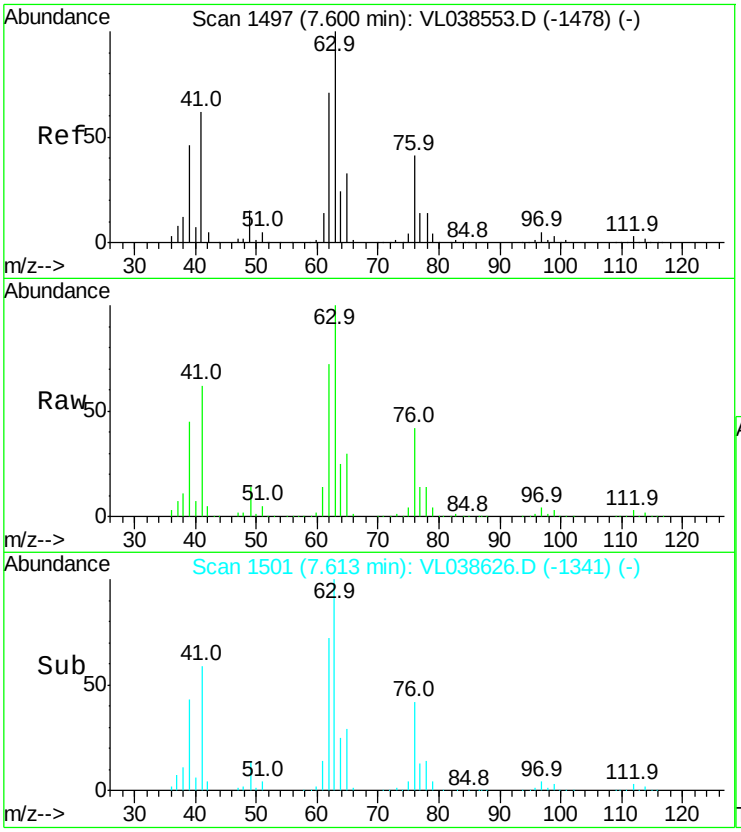


#38
Trichloroethene
Concen: 9.44 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:130 Resp: 796978

Ion	Ratio	Lower	Upper
130	100		
95	112.5	87.8	131.8
132	101.6	77.5	116.3
97	72.8	55.4	83.2



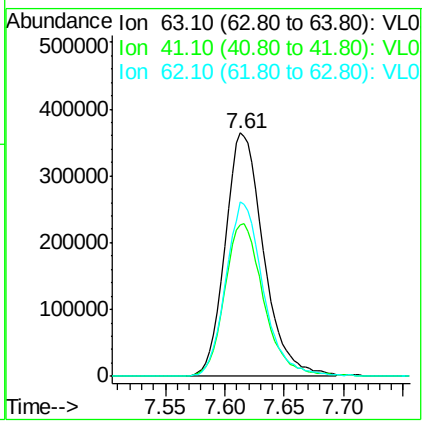


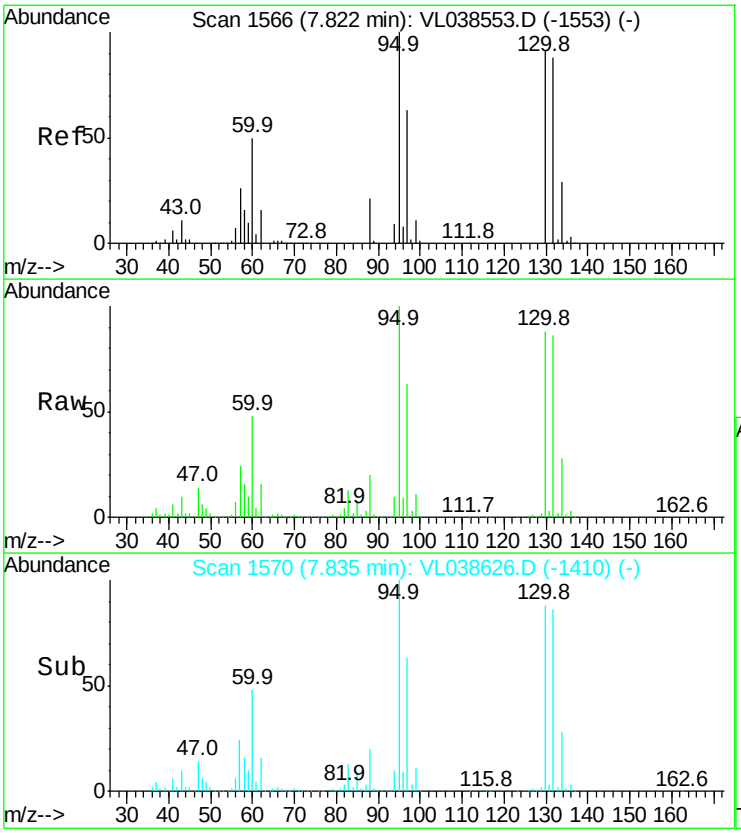
#39
1,2-Dichloropropane
Concen: 9.99 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 63 Resp: 812444

Ion	Ratio	Lower	Upper
63	100		
41	62.1	49.8	74.6
62	71.8	56.7	85.1

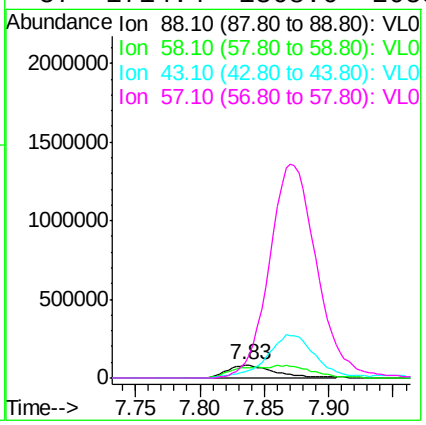


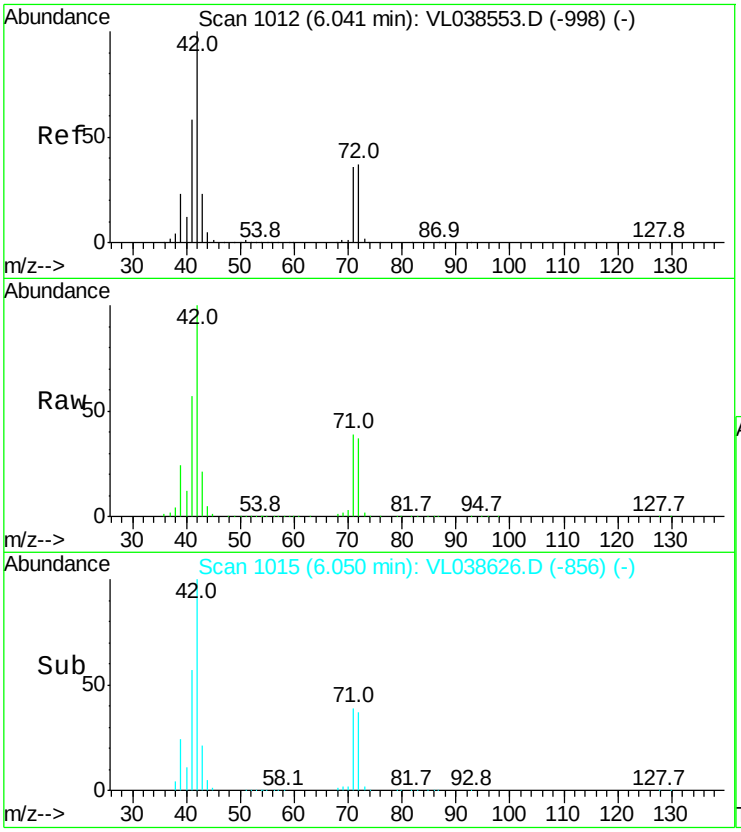


#40
1,4-Dioxane
Concen: 10.03 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 88 Resp: 204120

Ion	Ratio	Lower	Upper
88	100		
58	156.7	126.7	190.1
43	367.8	303.0	454.6
57	1714.4	1368.6	2053.0



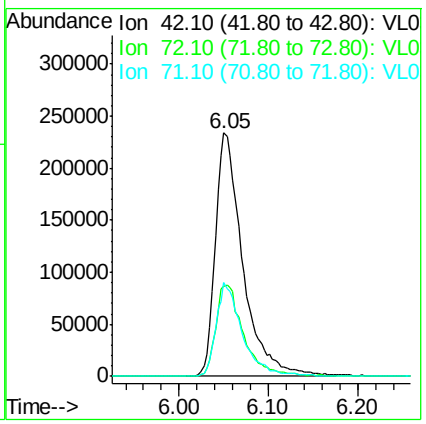


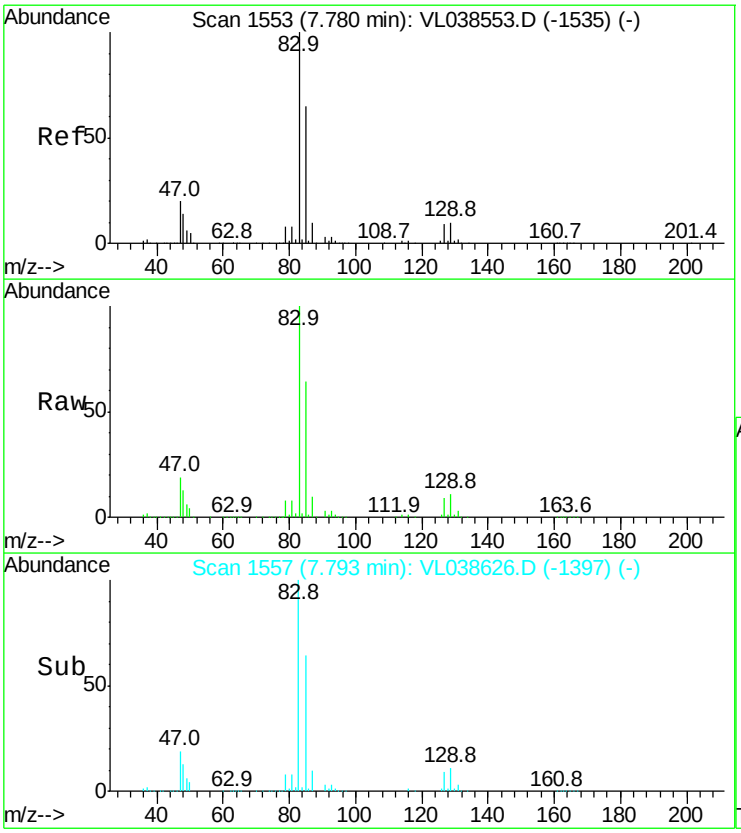
#41
Tetrahydrofuran
Concen: 10.03 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 42 Resp: 498529

Ion	Ratio	Lower	Upper
42	100		
72	38.4	30.9	46.3
71	37.0	29.1	43.7

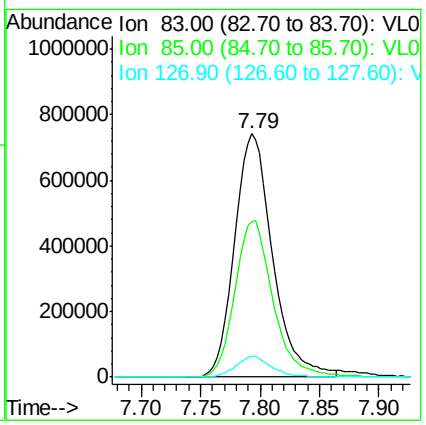


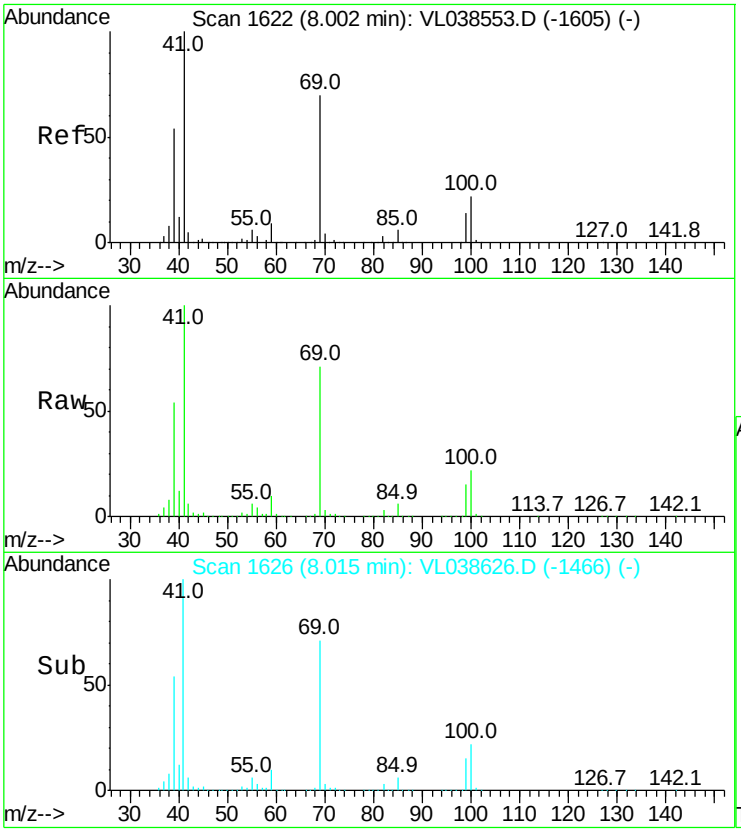


#42
Bromodichloromethane
Concen: 10.27 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 83 Resp: 1645108

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5
127	8.7	6.9	10.3



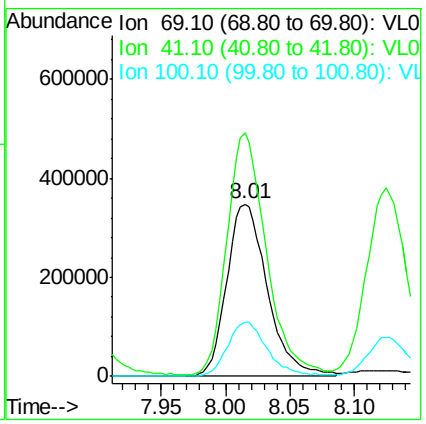


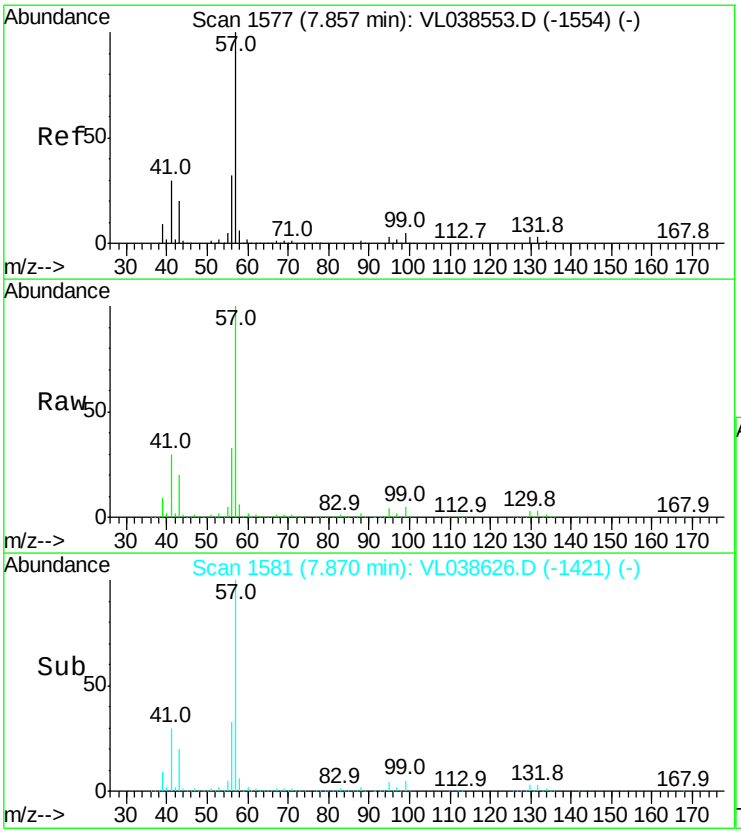
#43
Methyl Methacrylate
Concen: 10.49 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 69 Resp: 761416

Ion	Ratio	Lower	Upper
69	100		
41	137.9	113.8	170.6
100	31.0	24.4	36.6

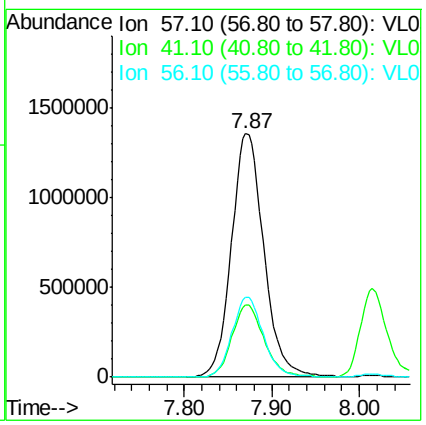


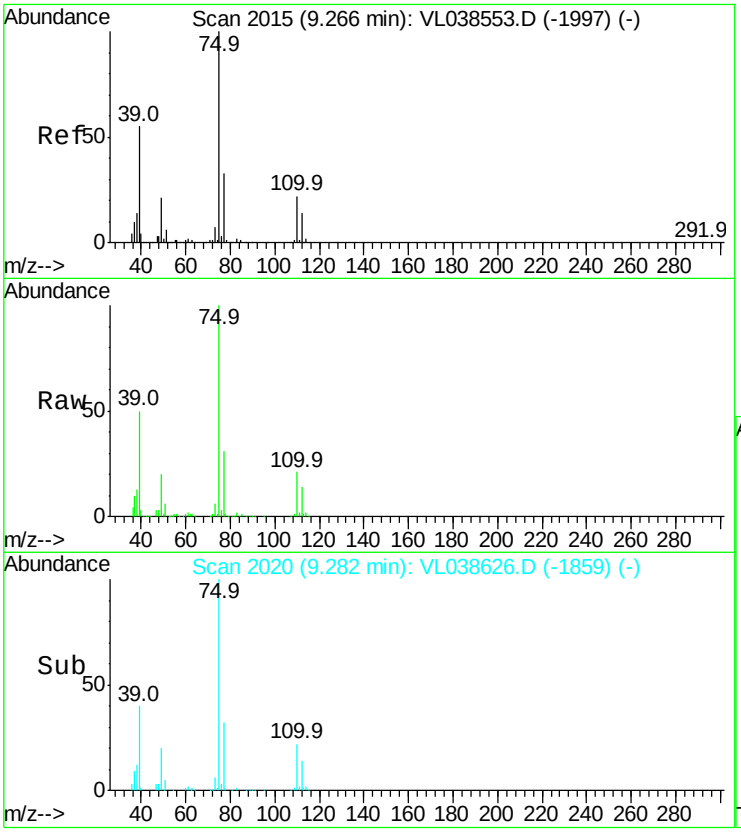


#44
2,2,4-Trimethylpentane
Concen: 9.78 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 57 Resp: 3496395

Ion	Ratio	Lower	Upper
57	100		
41	29.5	24.0	36.0
56	31.9	25.6	38.4



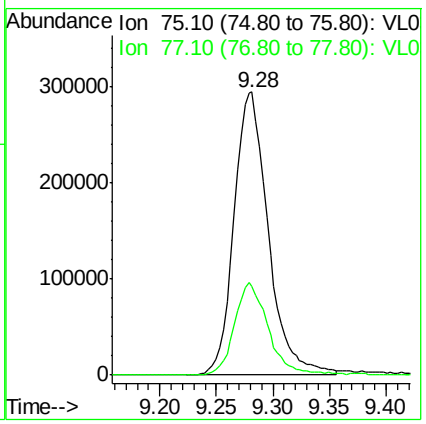


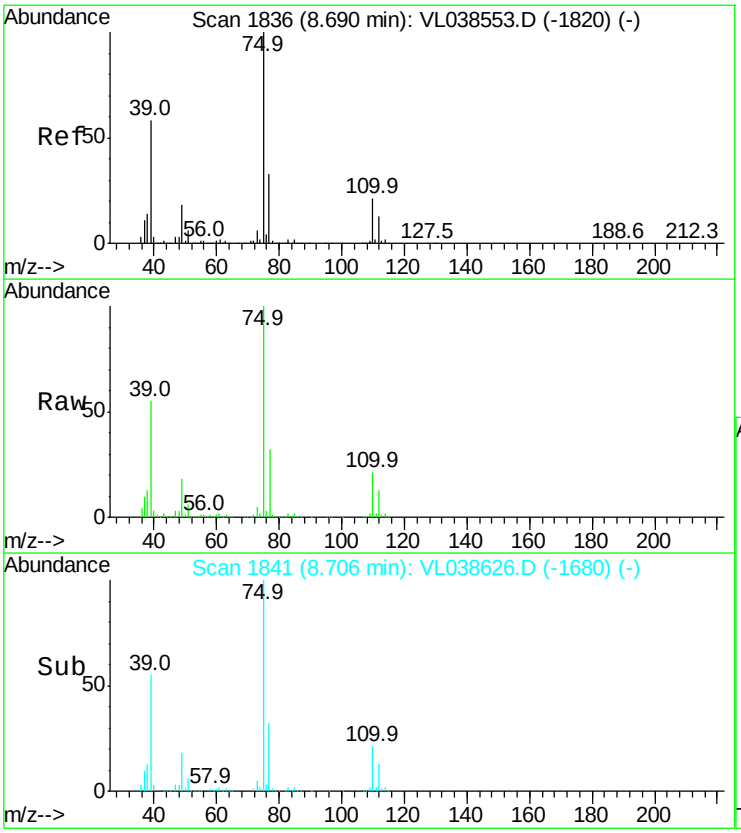
#45
t-1,3-Dichloropropene
Concen: 11.90 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 75 Resp: 622510

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	40.0

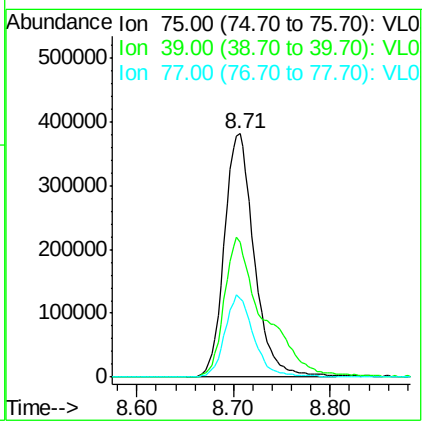


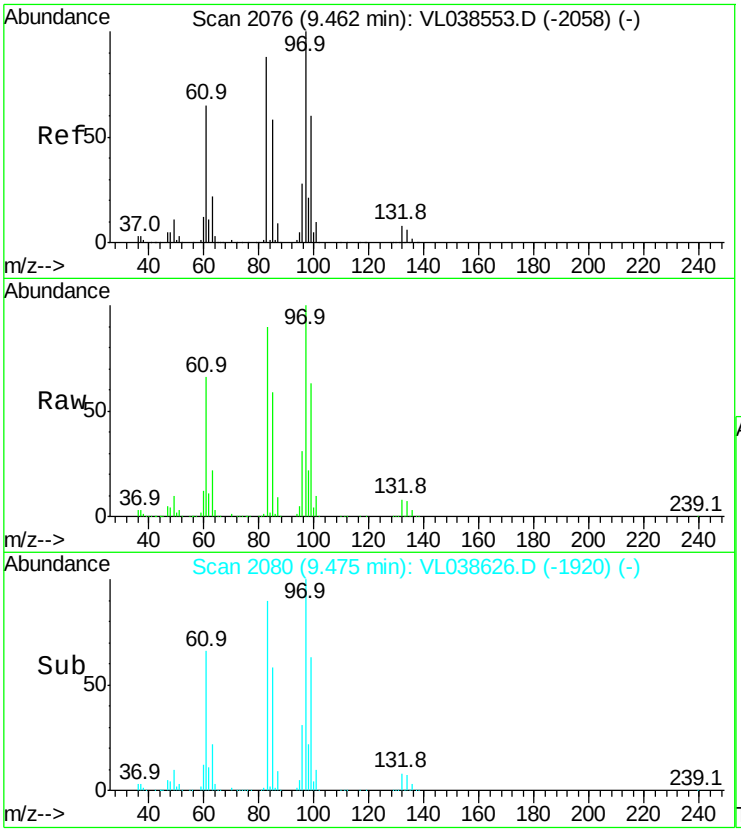


#46
cis-1,3-Dichloropropene
Concen: 11.46 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. 0.02 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 75 Resp: 819623

Ion	Ratio	Lower	Upper
75	100		
39	55.3	46.2	69.2
77	32.0	26.2	39.2



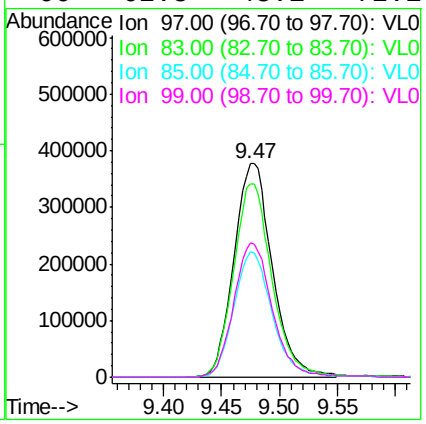


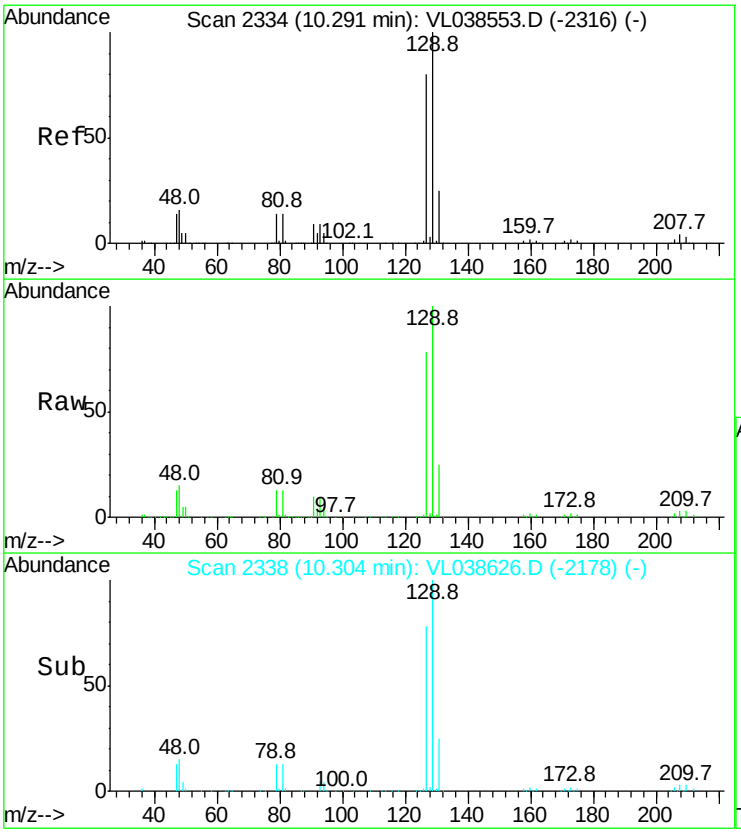
#47
1,1,2-Trichloroethane
Concen: 10.48 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 97 Resp: 868505

Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.1	105.1
85	58.5	46.6	69.8
99	62.8	48.1	72.1

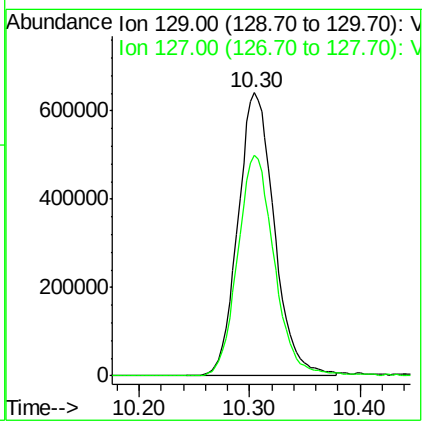


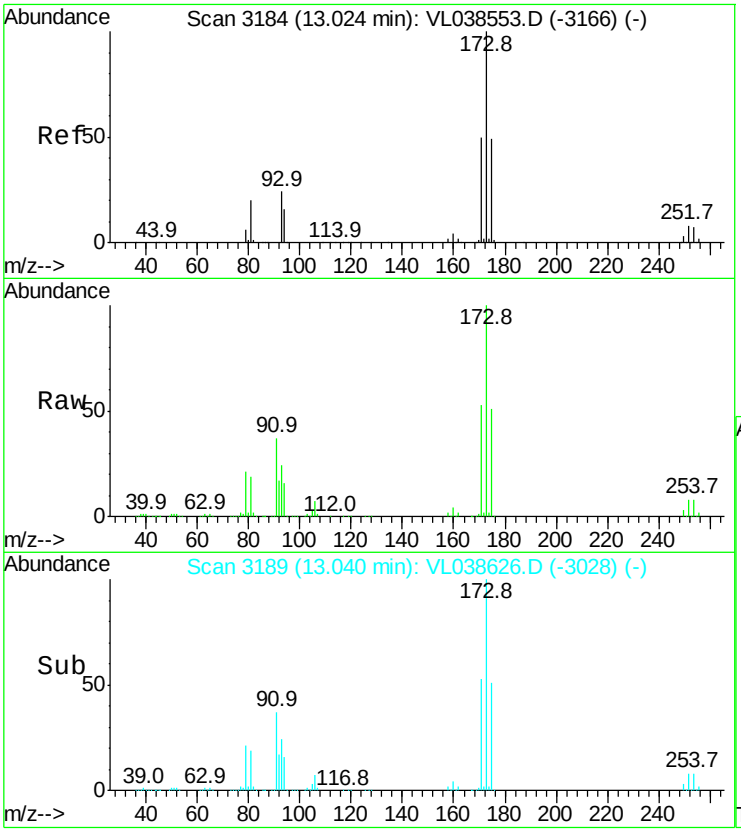


#48
Dibromochloromethane
Concen: 11.12 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:129 Resp: 1463066

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.5	118.3



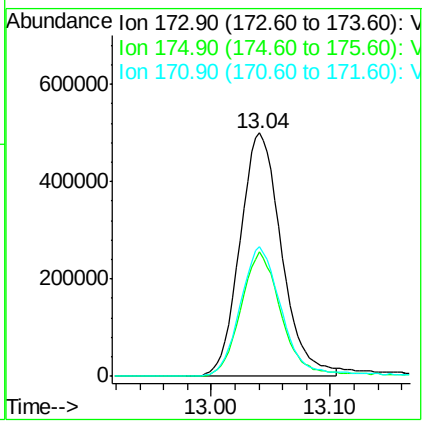


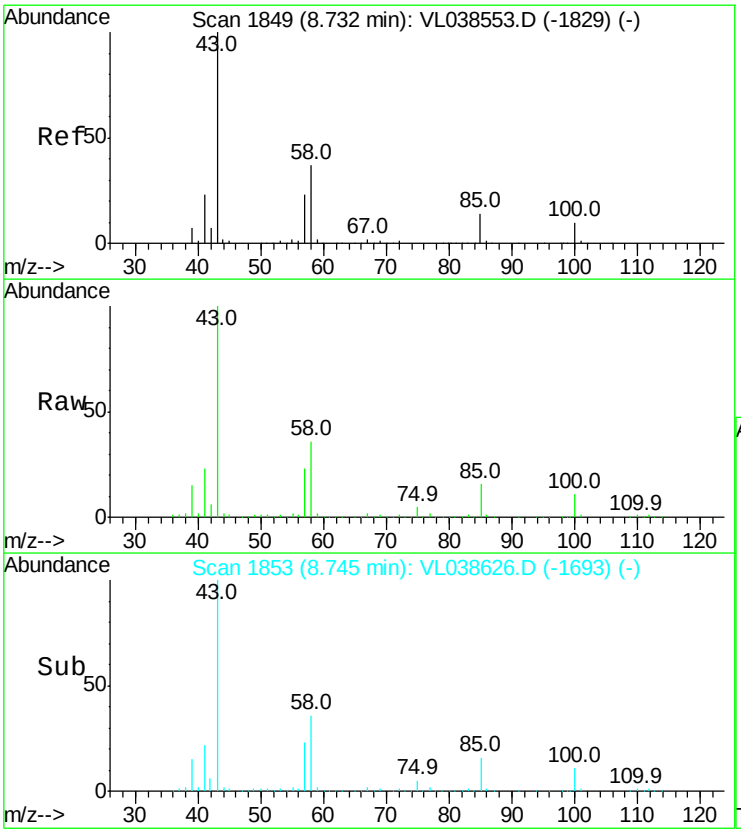
#49
Bromoform
Concen: 11.99 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:173 Resp: 1208404

Ion	Ratio	Lower	Upper
173	100		
175	51.9	40.7	61.1
171	54.9	42.9	64.3

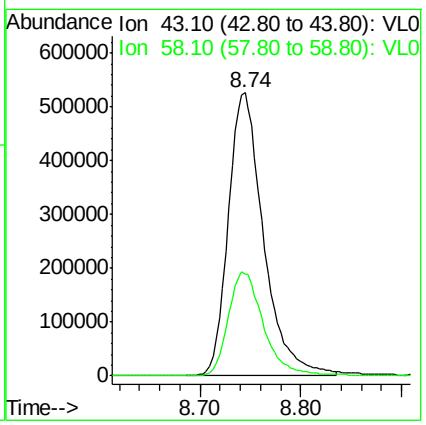


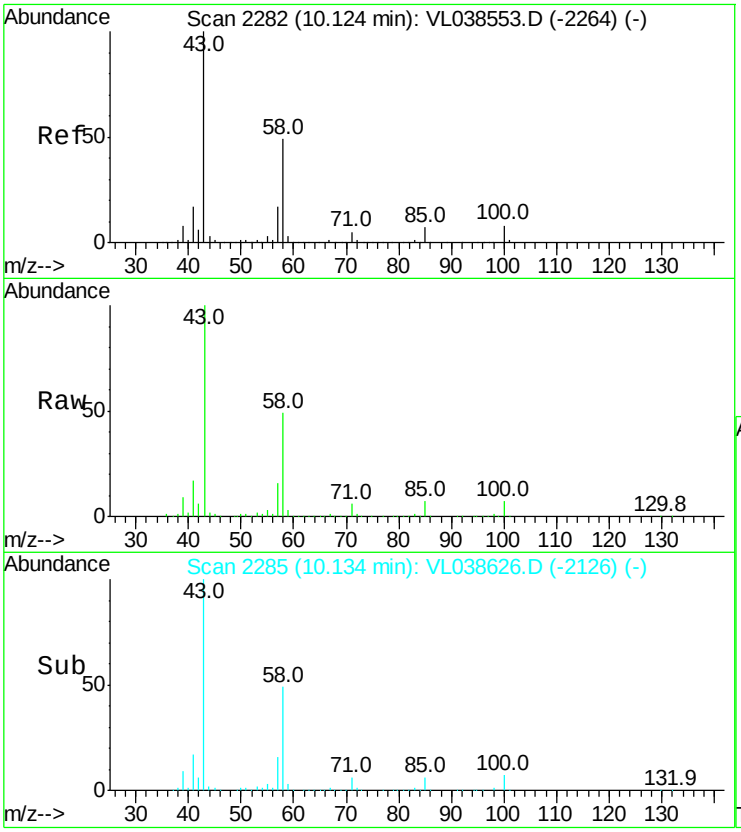


#50
4-Methyl-2-Pentanone
Concen: 10.27 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 43 Resp: 1278056

Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.2	43.8



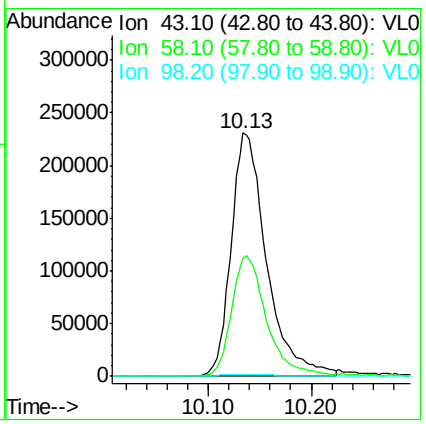


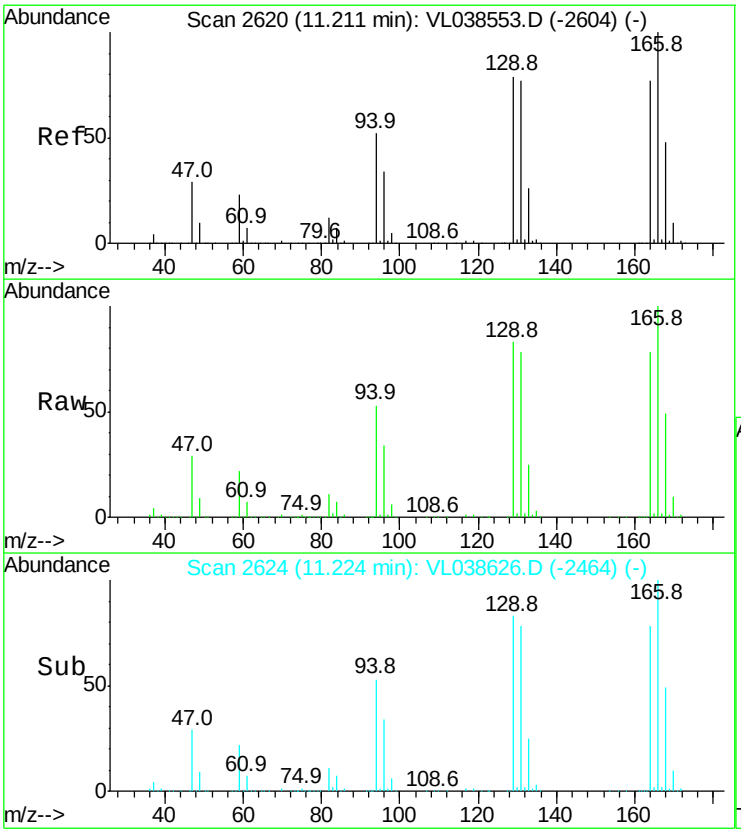
#51
2-Hexanone
Concen: 10.46 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 43 Resp: 550374

Ion	Ratio	Lower	Upper
43	100		
58	49.8	40.1	60.1
98	1.1	0.4	0.6#

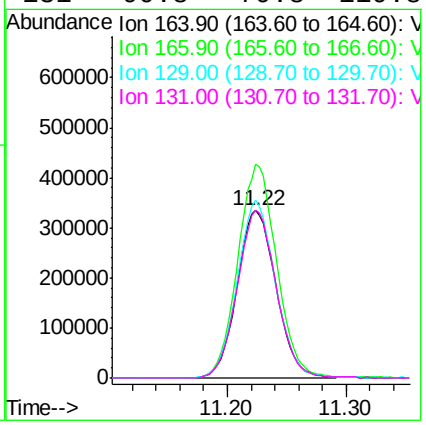


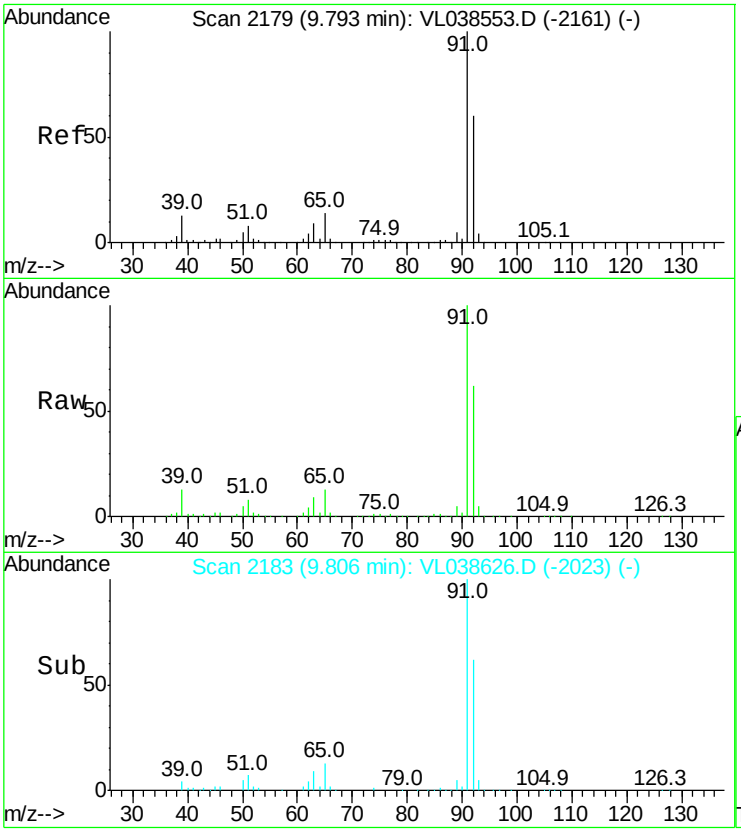


#52
Tetrachloroethene
Concen: 9.79 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:164 Resp: 758651

Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.4	155.2
129	106.0	81.3	121.9
131	99.8	79.8	119.8



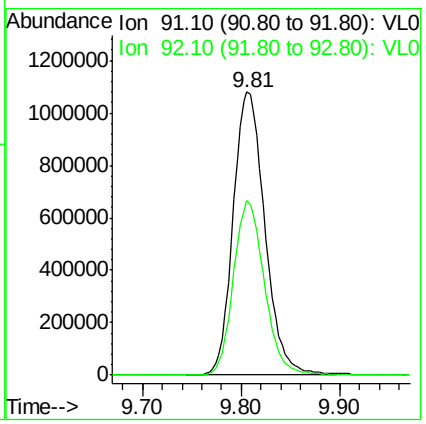


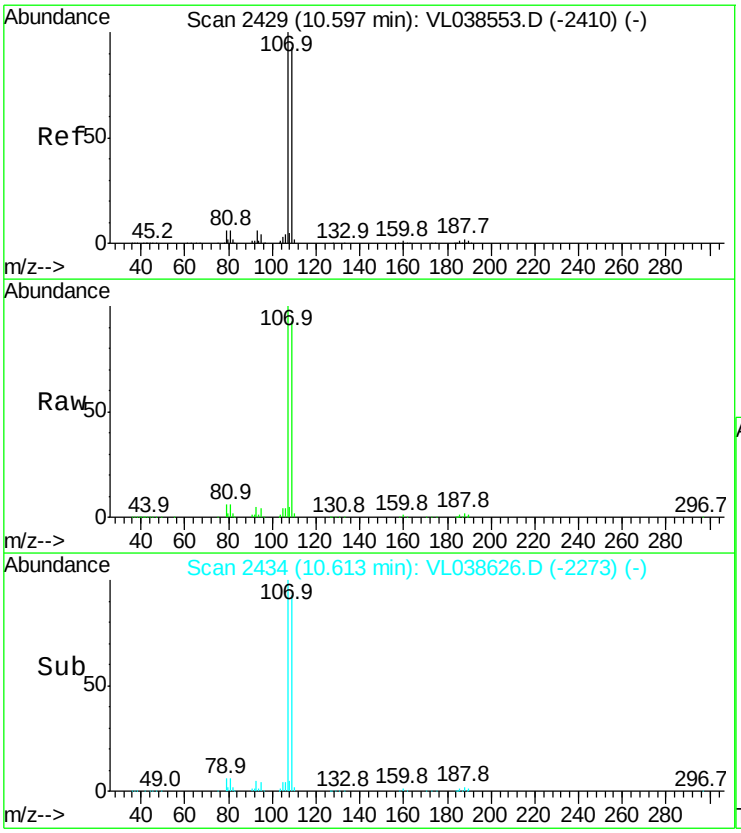
#53
Toluene
Concen: 10.68 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 91 Resp: 2410292

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.1	72.1

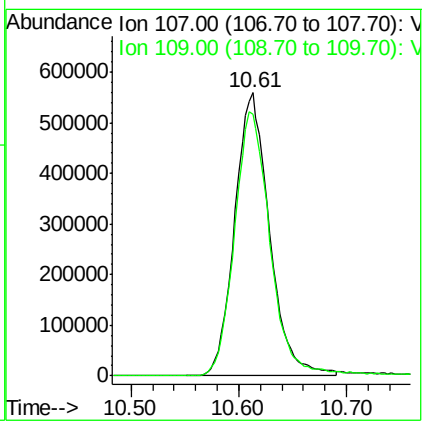


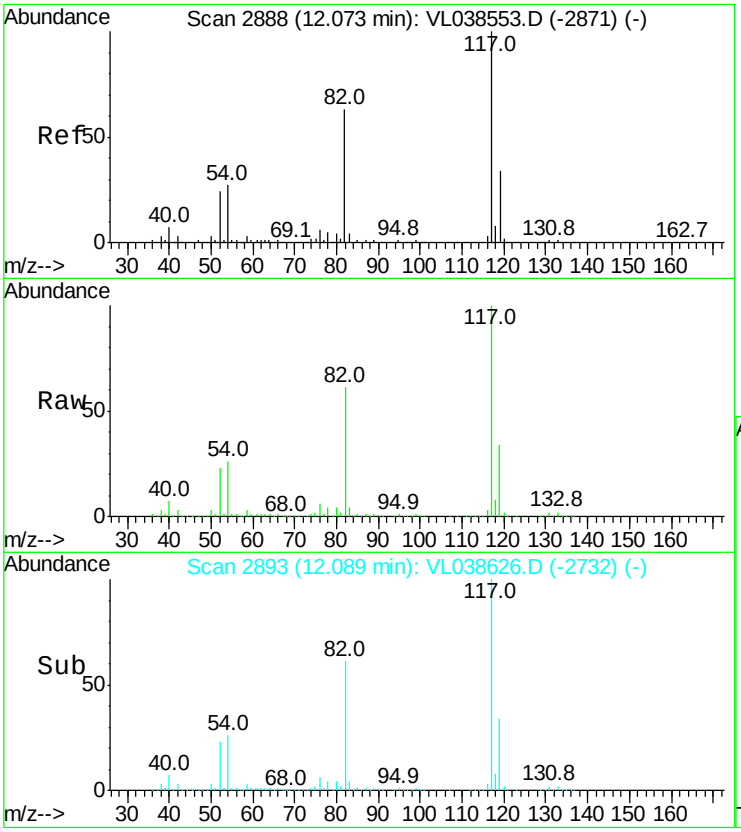


#54
1,2-Dibromoethane
Concen: 10.60 ppbv
RT: 10.61 min Scan# 2434
Delta R.T. 0.02 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:107 Resp: 1255641

Ion	Ratio	Lower	Upper
107	100		
109	92.6	74.6	112.0



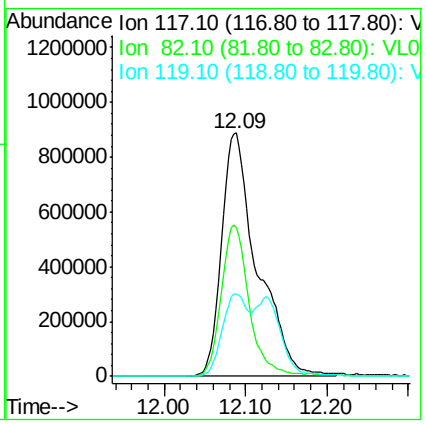


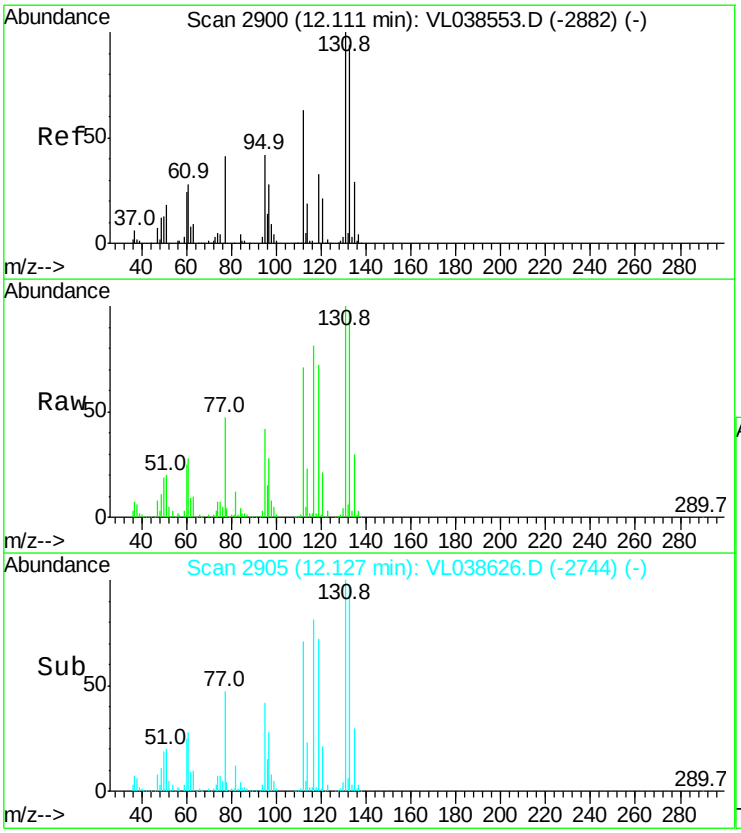
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:117 Resp: 2730559

Ion	Ratio	Lower	Upper
117	100		
82	49.3	52.5	78.7#
119	27.1	46.4	69.6#

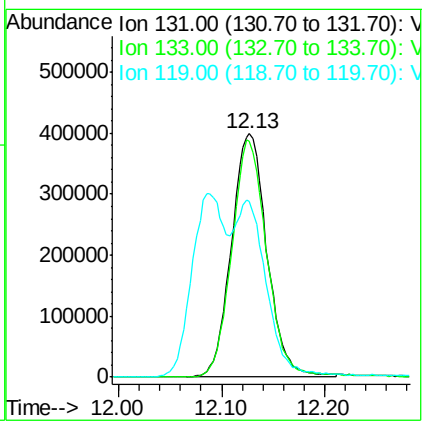


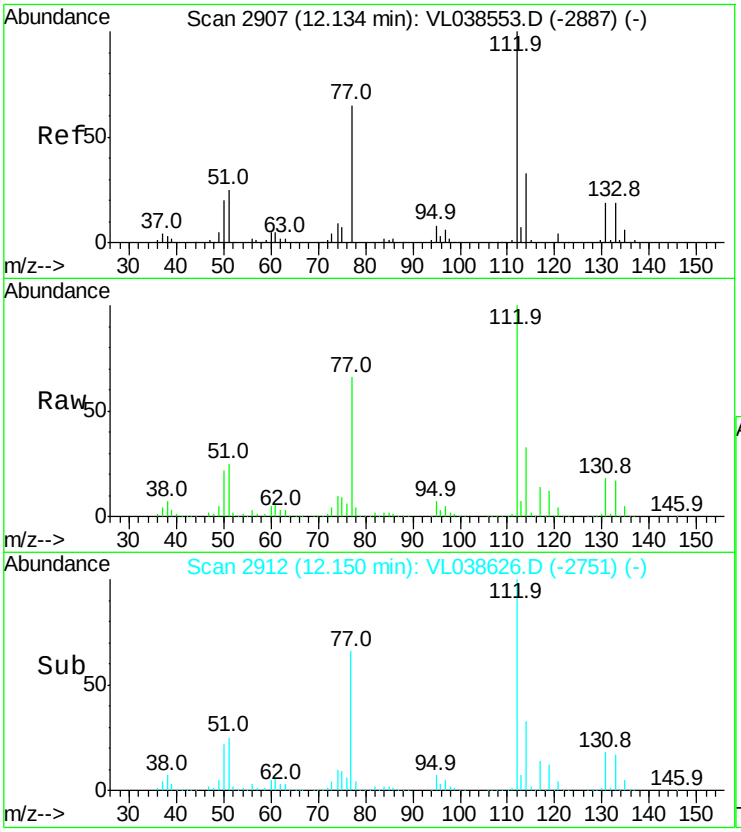


#56
1,1,1,2-Tetrachloroethane
Concen: 8.61 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.02 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:131 Resp: 957895

Ion	Ratio	Lower	Upper
131	100		
133	97.2	78.0	117.0
119	64.6	53.1	79.7



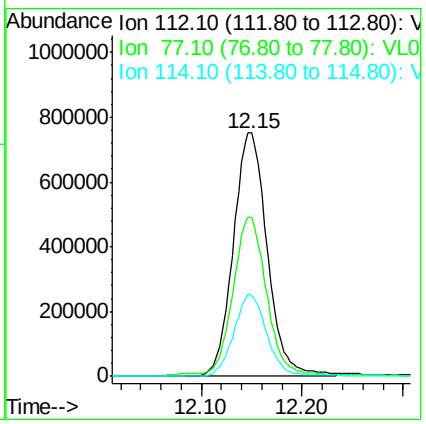


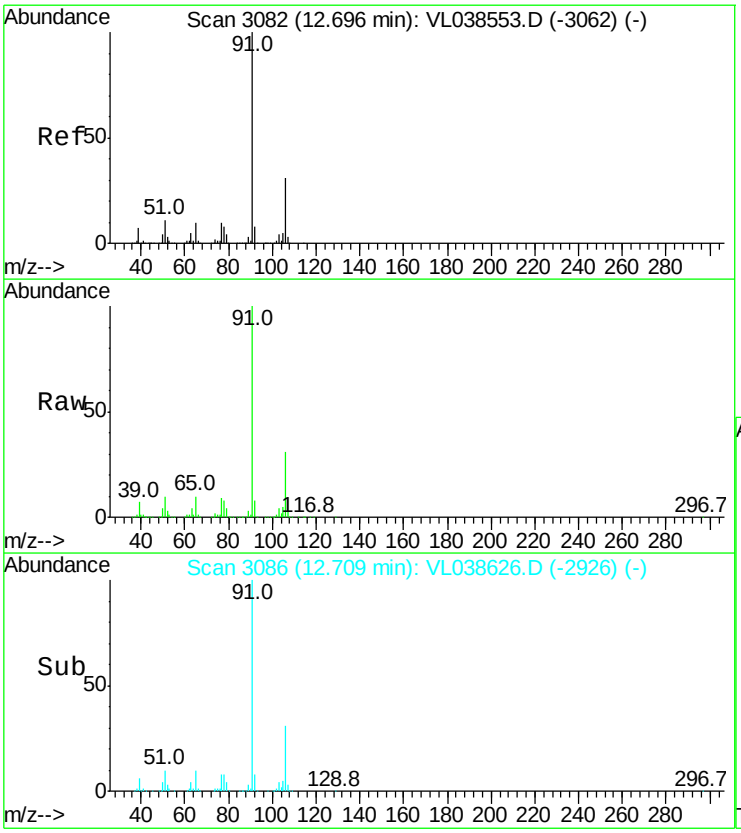
#57
Chlorobenzene
Concen: 8.43 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:112 Resp: 1757730

Ion	Ratio	Lower	Upper
112	100		
77	64.6	52.5	78.7
114	33.1	30.0	36.6

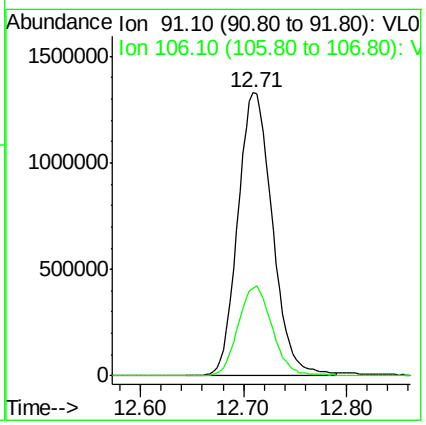


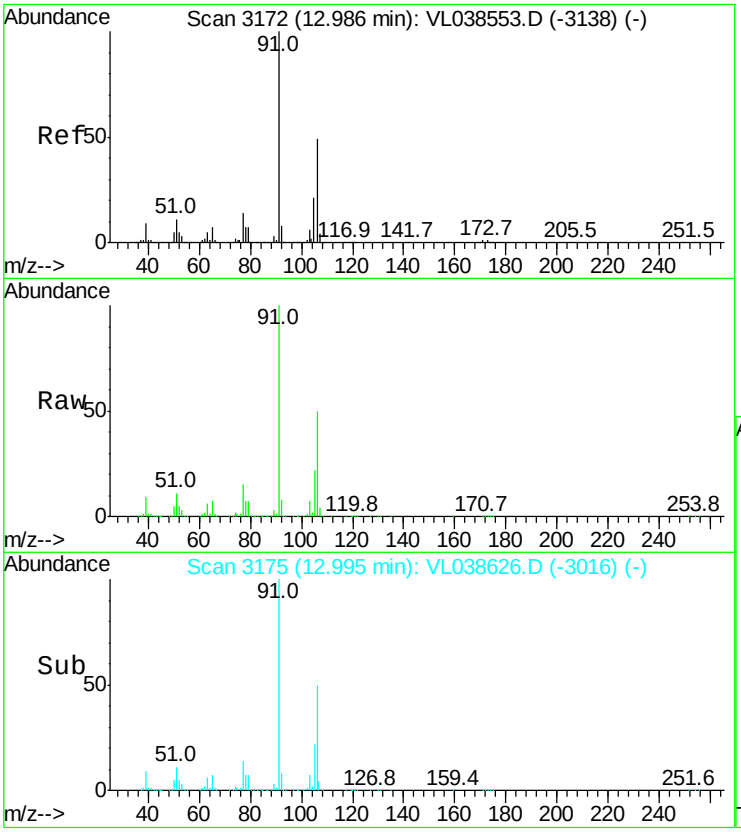


#58
Ethyl Benzene
Concen: 8.78 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 91 Resp: 3103966

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.6	37.0



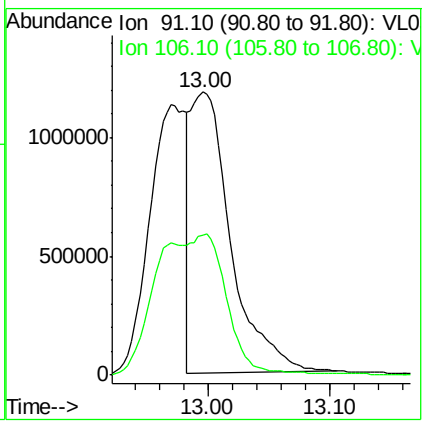


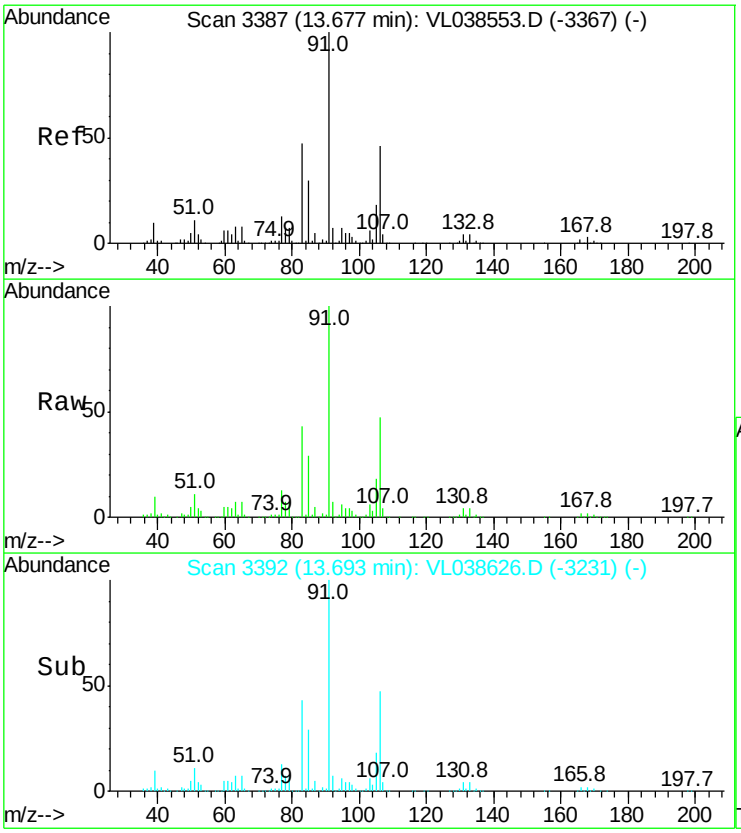
#59
m/p-Xylene
Concen: 8.87 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 91 Resp: 2684368

Ion	Ratio	Lower	Upper
91	100		
106	90.3	37.1	55.7#

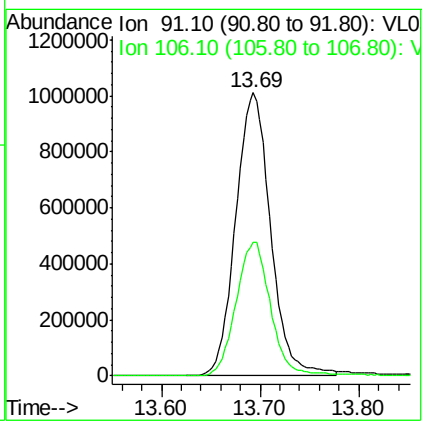


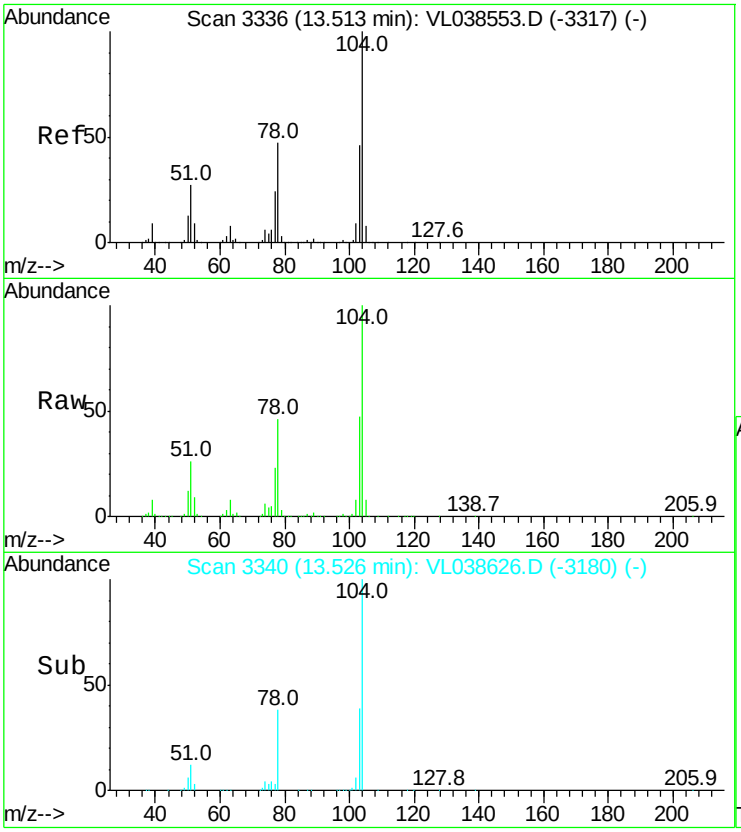


#60
o-Xylene
Concen: 8.64 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 91 Resp: 2469279

Ion	Ratio	Lower	Upper
91	100		
106	47.6	23.5	70.6



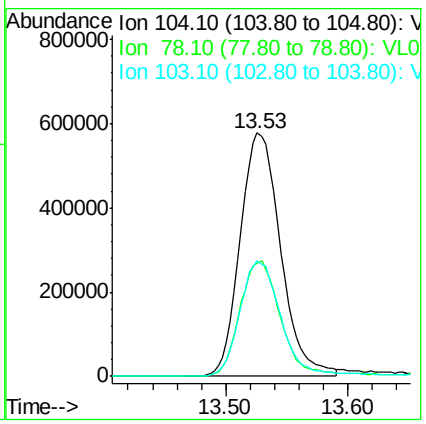


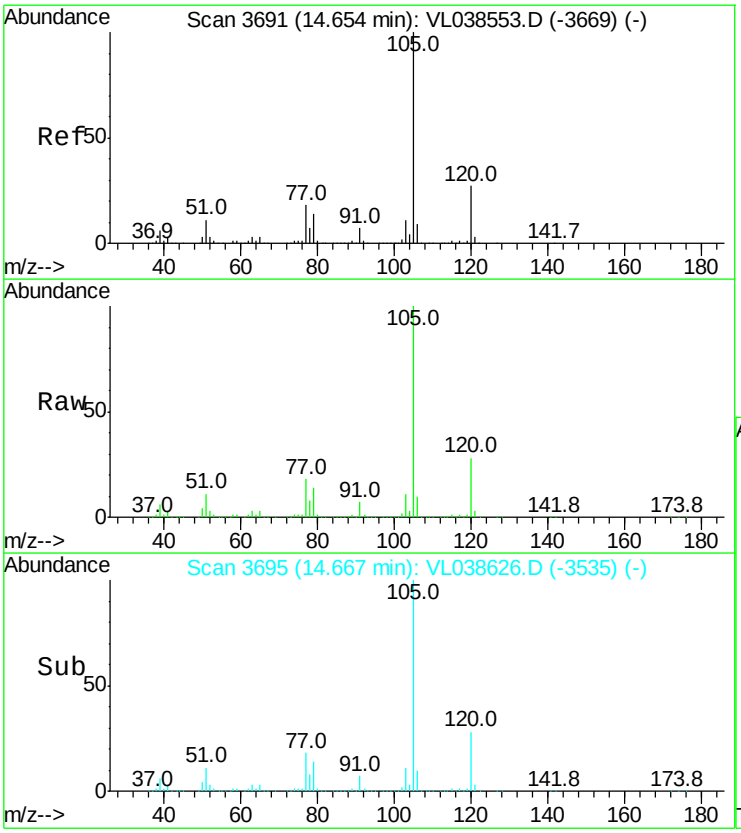
#61
Styrene
Concen: 9.41 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:104 Resp: 1324765

Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.4
103	48.4	38.0	57.0

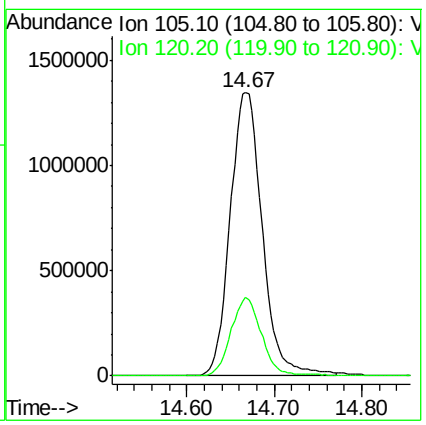


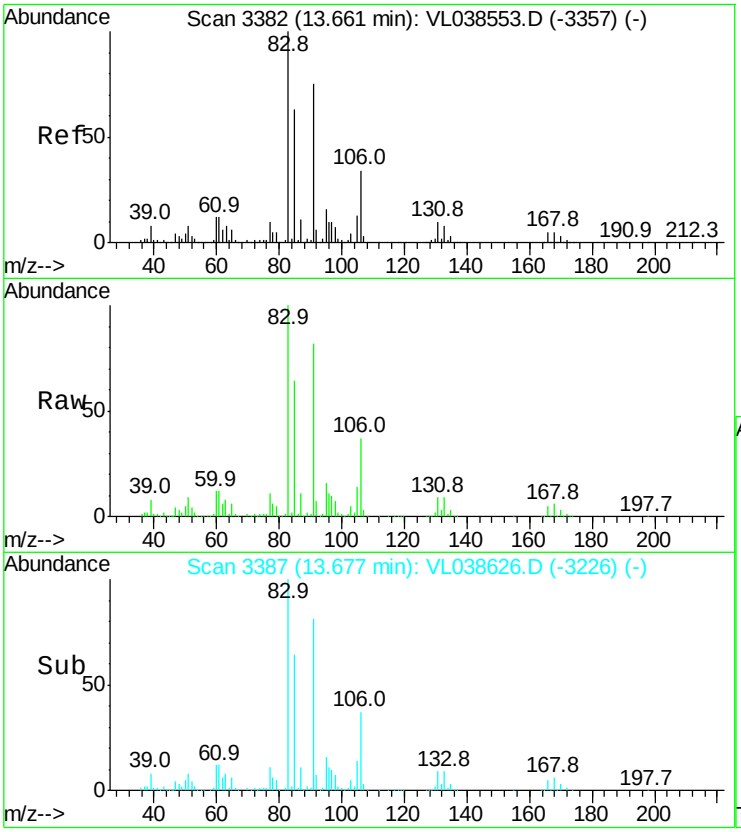


#62
Isopropylbenzene
Concen: 8.70 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:105 Resp: 3431459

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.2	31.8



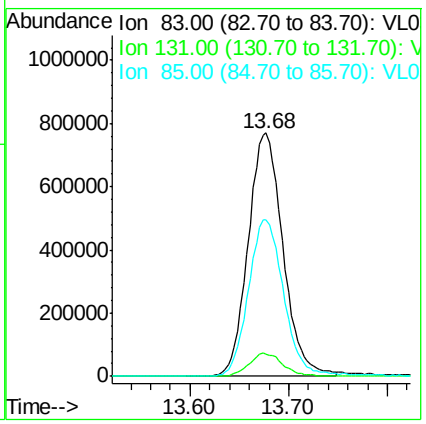


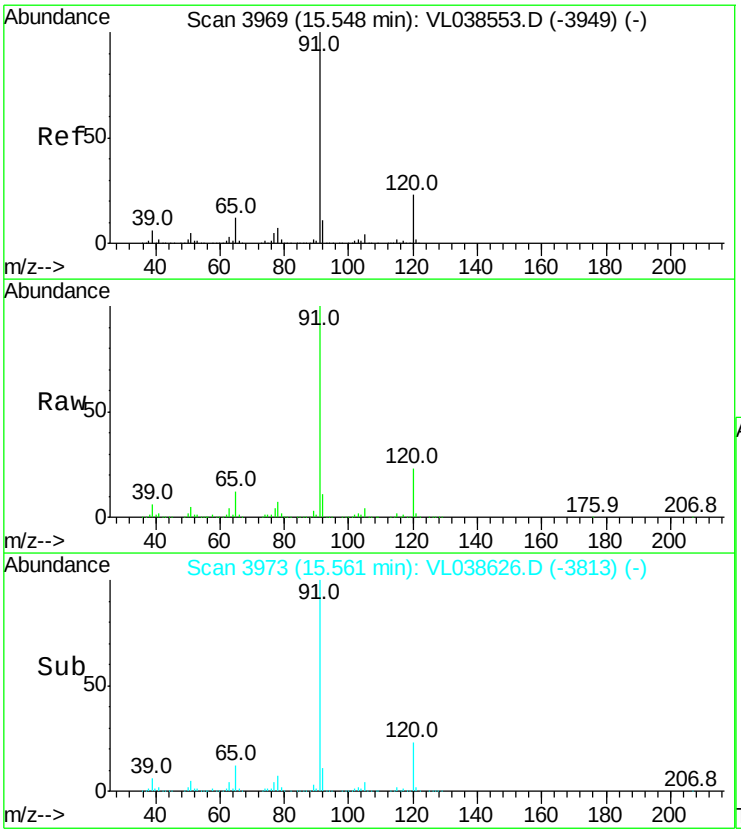
#63
1,1,2,2-Tetrachloroethane
Concen: 7.76 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 83 Resp: 1874239

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	66.4	32.6	98.0

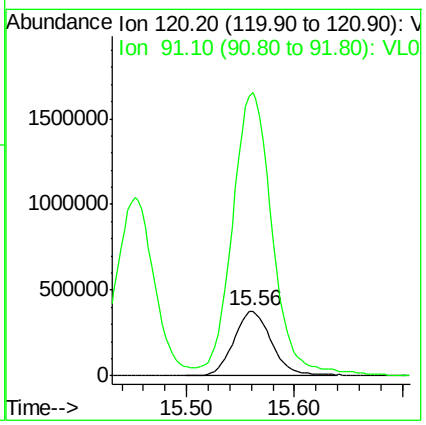


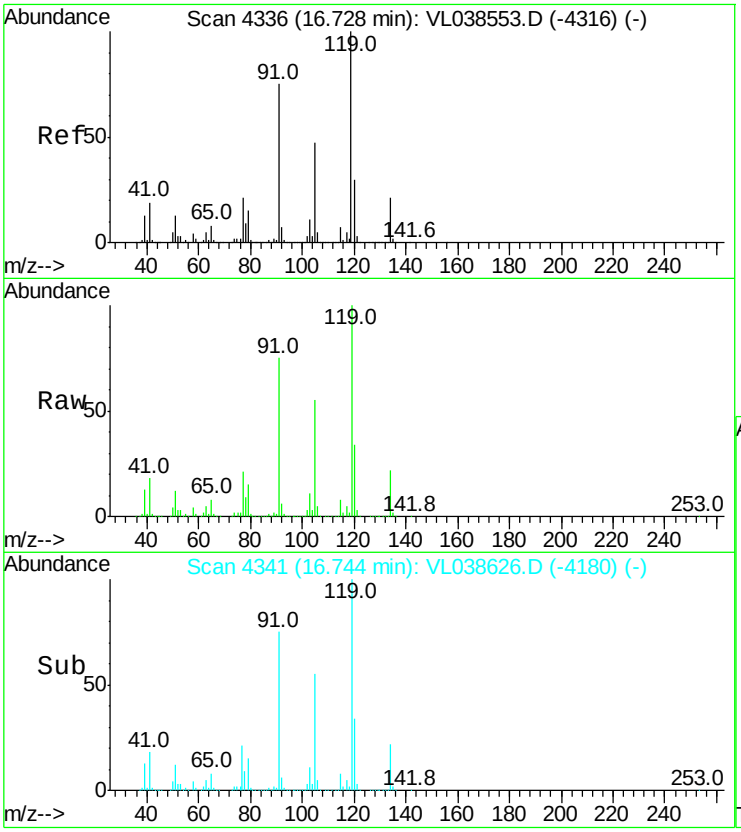


#64
n-propylbenzene
Concen: 9.17 ppbv
RT: 15.56 min Scan# 3973
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:120 Resp: 921118

Ion	Ratio	Lower	Upper
120	100		
91	464.1	374.2	561.2



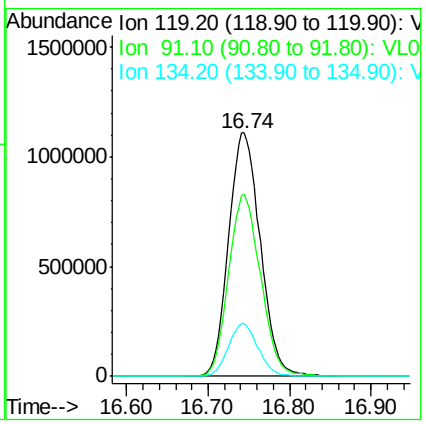


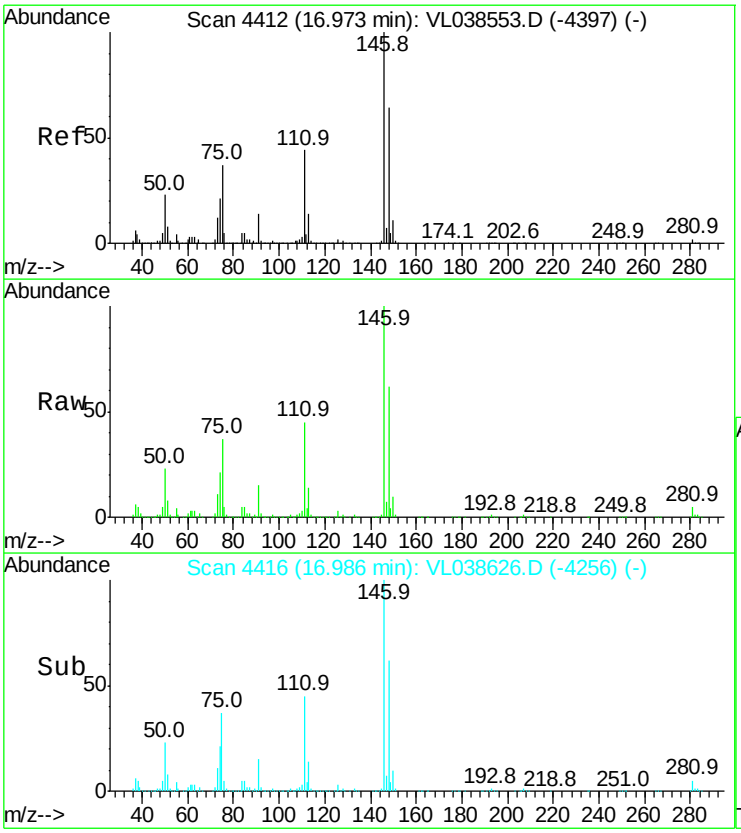
#65
tert-Butylbenzene
Concen: 8.53 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:119 Resp: 3006884

Ion	Ratio	Lower	Upper
119	100		
91	75.3	61.2	91.8
134	20.5	16.2	24.2

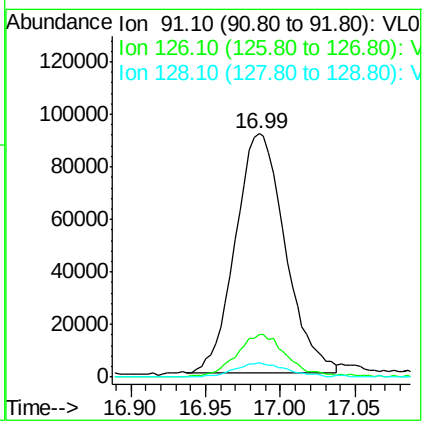


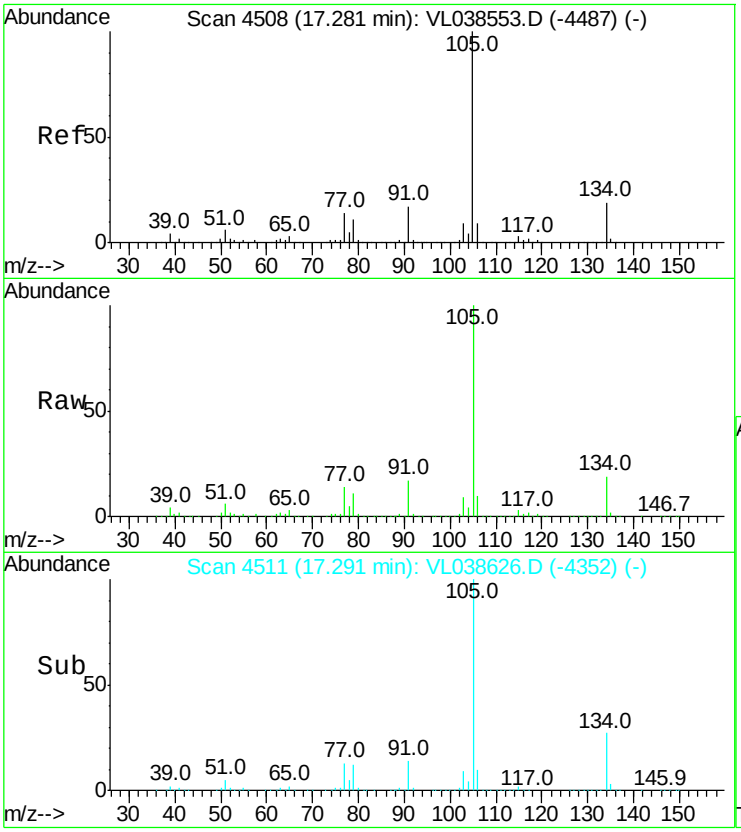


#66
Benzyl Chloride
Concen: 10.13 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 91 Resp: 211612

Ion	Ratio	Lower	Upper
91	100		
126	18.6	14.1	21.1
128	6.6	5.1	7.7



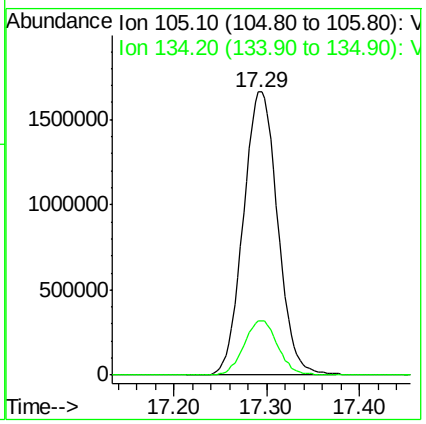


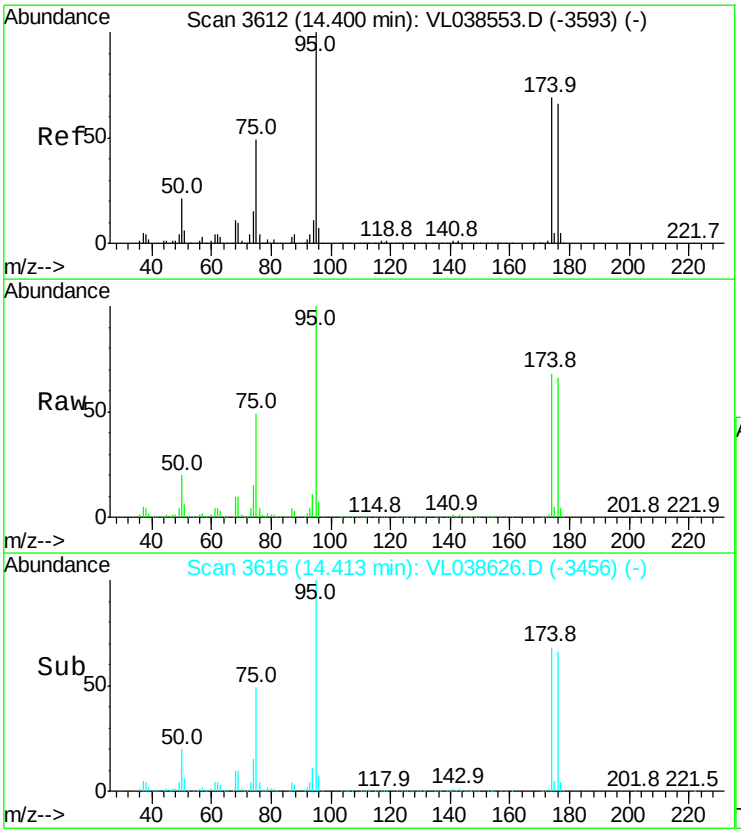
#67
sec-Butylbenzene
Concen: 8.52 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:105 Resp: 4270629

Ion	Ratio	Lower	Upper
105	100		
134	19.0	15.0	22.6

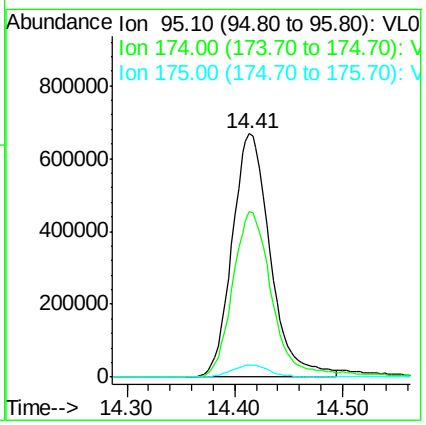


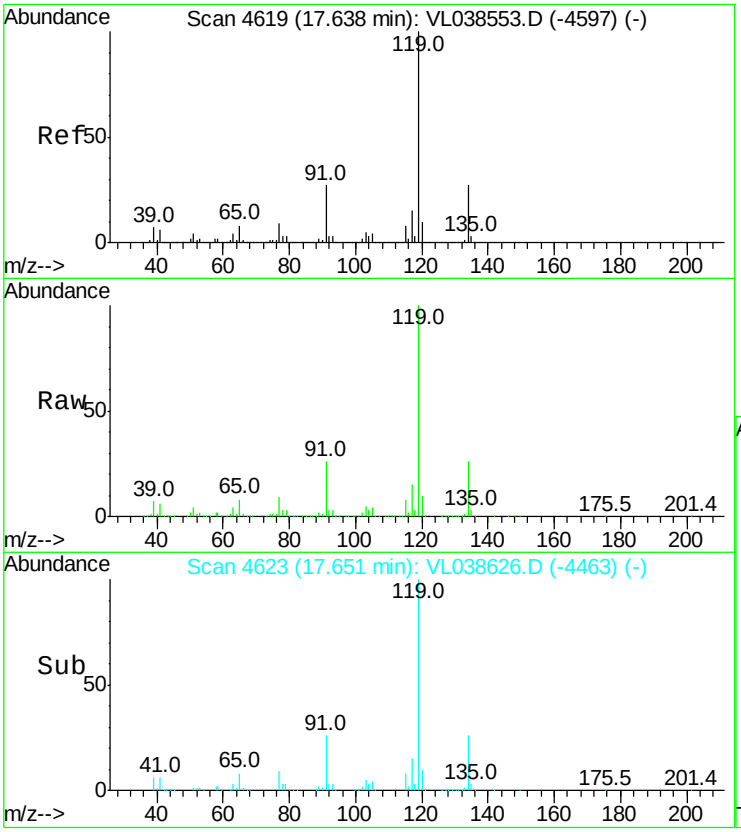


#68
1-Bromo-4-Fluorobenzene
Concen: 7.89 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 95 Resp: 1637395

Ion	Ratio	Lower	Upper
95	100		
174	71.8	56.2	84.4
175	5.3	4.2	6.2



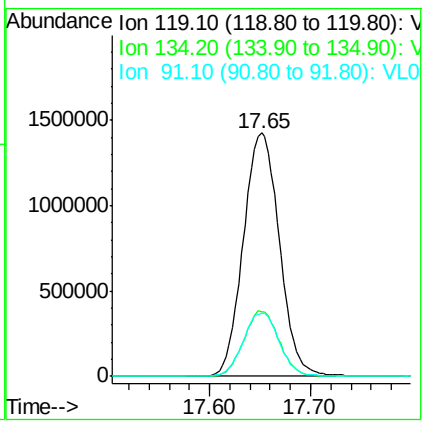


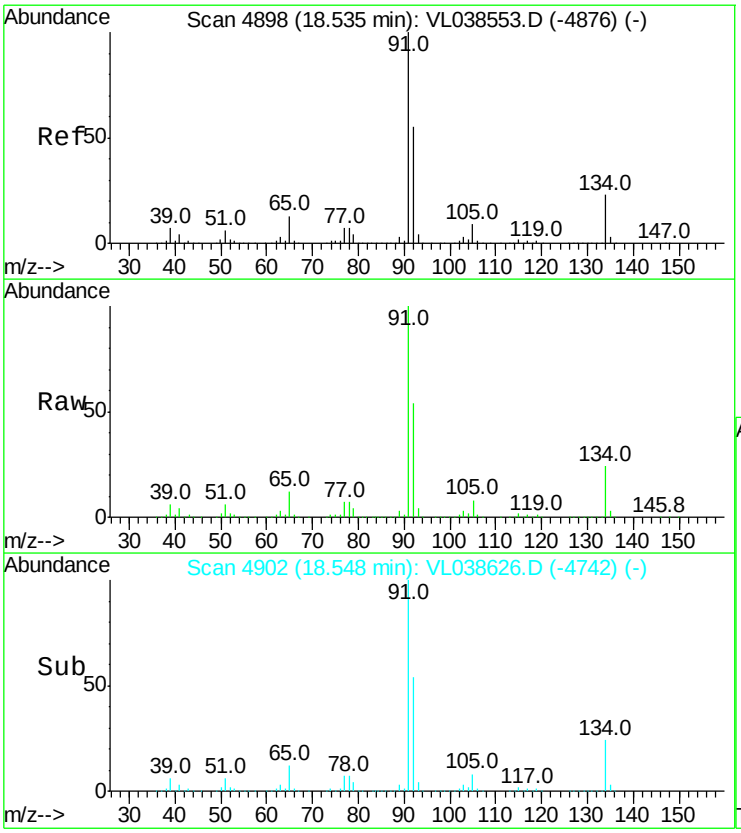
#69
p-Isopropyltoluene
Concen: 8.49 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:119 Resp: 3524423

Ion	Ratio	Lower	Upper
119	100		
134	26.5	20.9	31.3
91	26.2	21.1	31.7

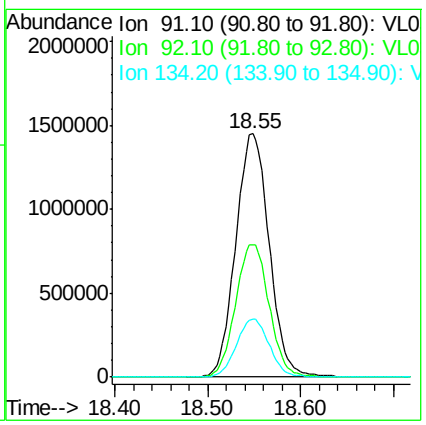


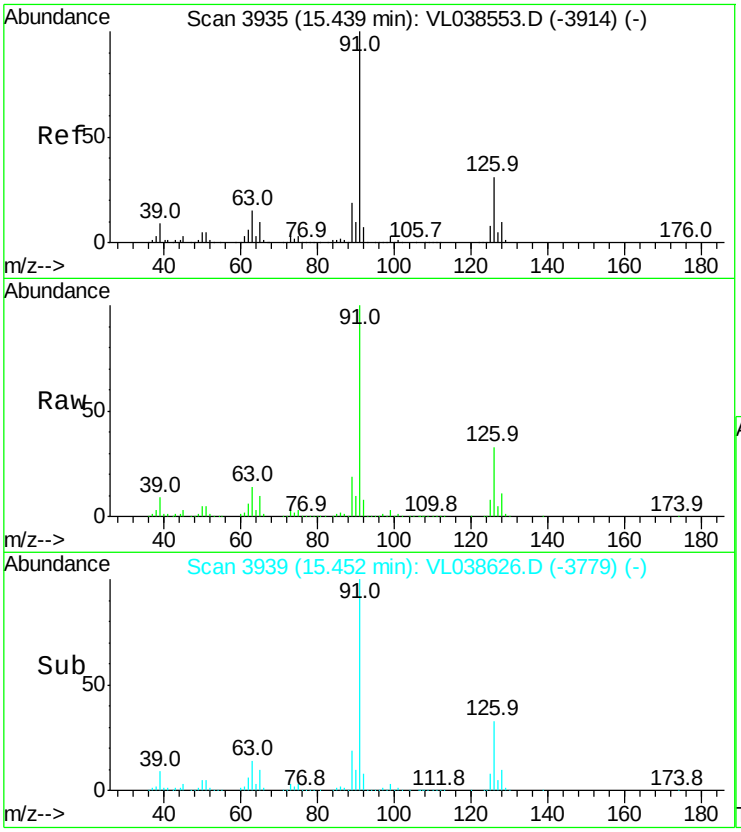


#70
n-Butylbenzene
Concen: 8.21 ppbv
RT: 18.55 min Scan# 4902
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion: 91 Resp: 3628908

Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.8	65.8
134	23.6	18.7	28.1



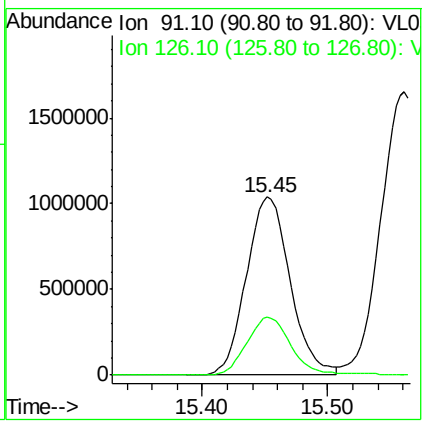


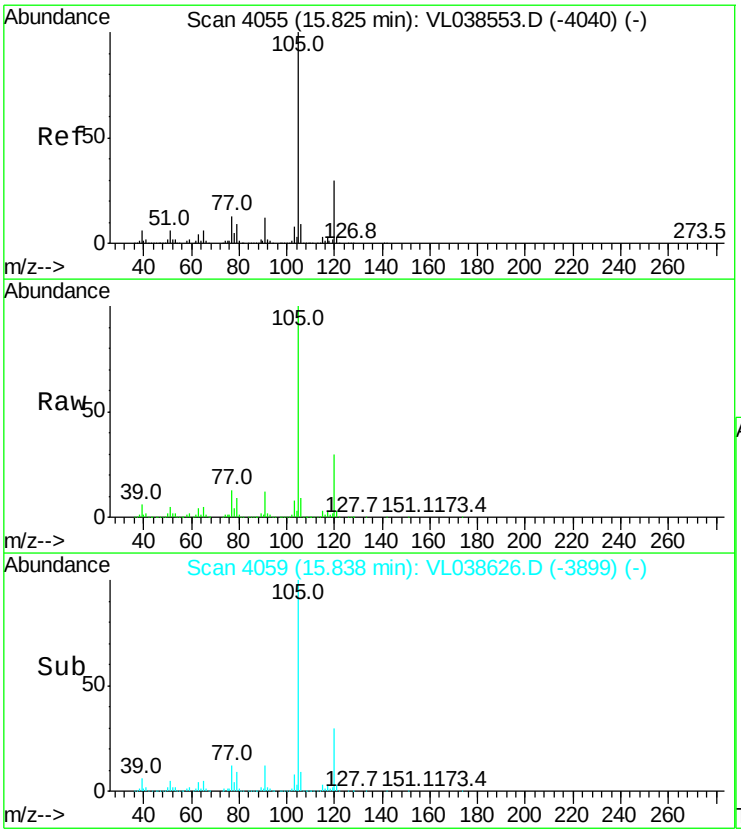
#71
2-Chlorotoluene
Concen: 8.63 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion: 91 Resp: 2525915

Ion	Ratio	Lower	Upper
91	100		
126	33.6	12.9	51.7

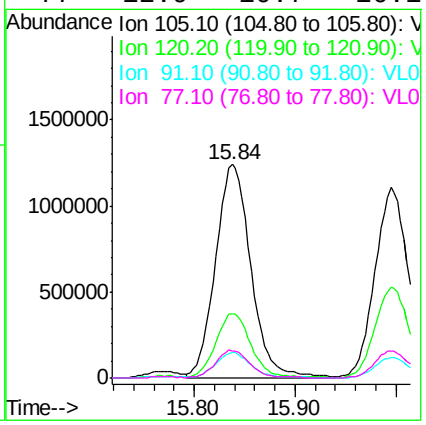


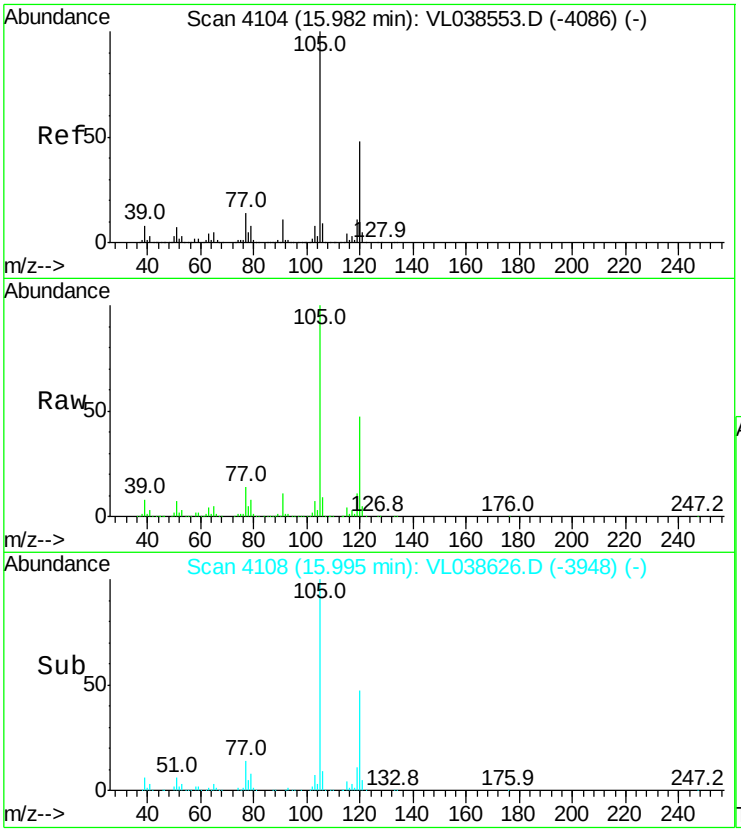


#72
4-Ethyltoluene
Concen: 9.23 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:105 Resp: 3029808

Ion	Ratio	Lower	Upper
105	100		
120	30.3	25.0	37.4
91	11.7	9.8	14.6
77	12.9	10.7	16.1



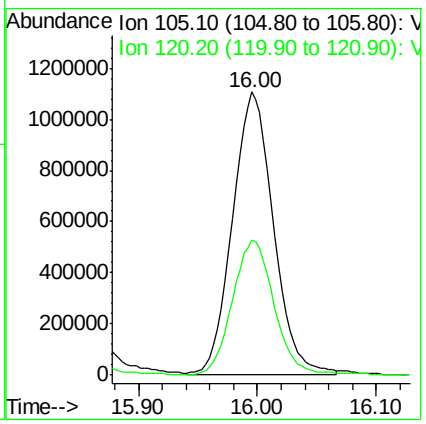


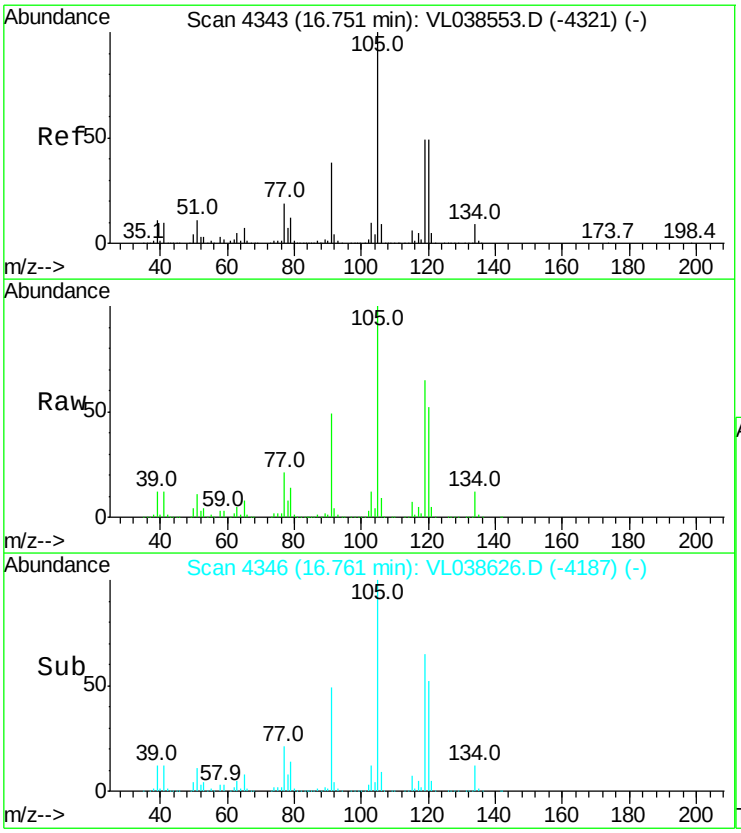
#73
1,3,5-Trimethylbenzene
Concen: 8.61 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:105 Resp: 2624884

Ion	Ratio	Lower	Upper
105	100		
120	47.5	38.3	57.5

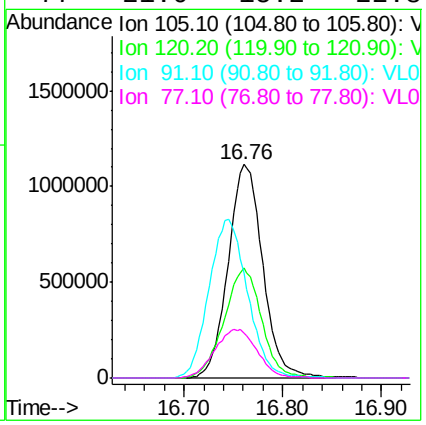


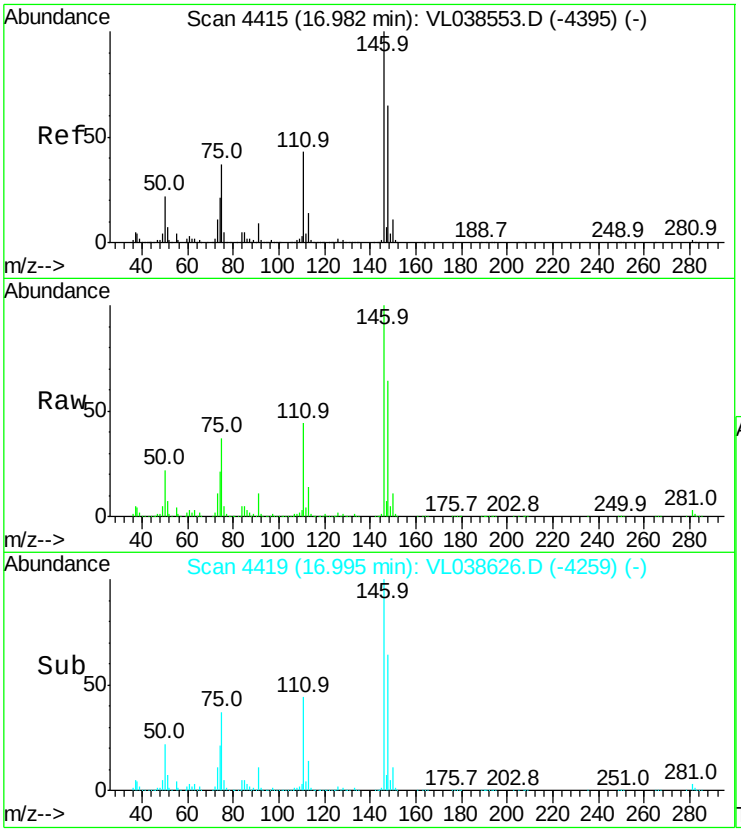


#74
1,2,4-Trimethylbenzene
Concen: 8.36 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:105 Resp: 2720531

Ion	Ratio	Lower	Upper
105	100		
120	51.5	38.9	58.3
91	48.9	30.6	46.0#
77	21.0	15.2	22.8



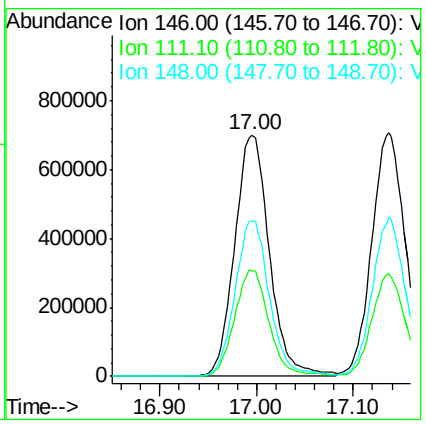


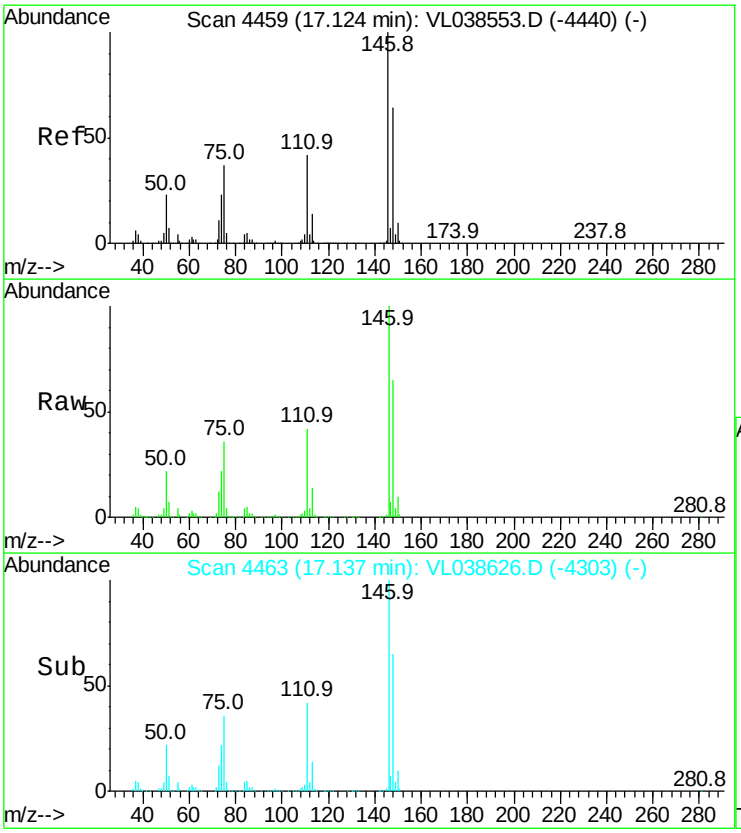
#75
1,3-Dichlorobenzene
Concen: 8.51 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:146 Resp: 1748904

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.9	65.8
148	63.9	32.2	96.6

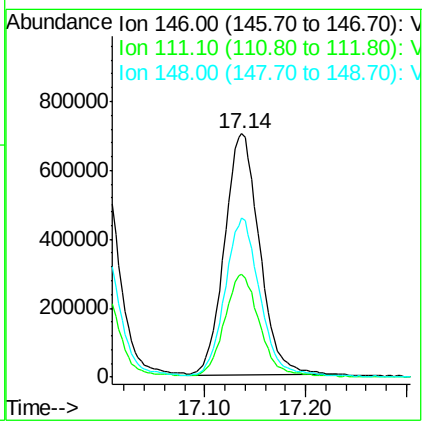


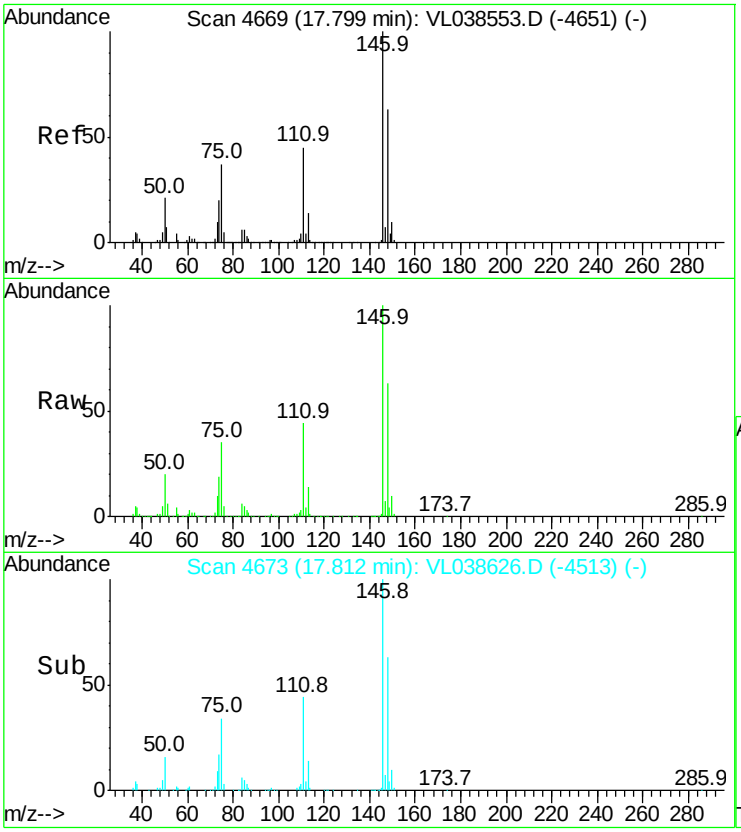


#76
1,4-Dichlorobenzene
Concen: 8.38 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:146 Resp: 1704401

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.8	65.3
148	65.6	32.8	98.4



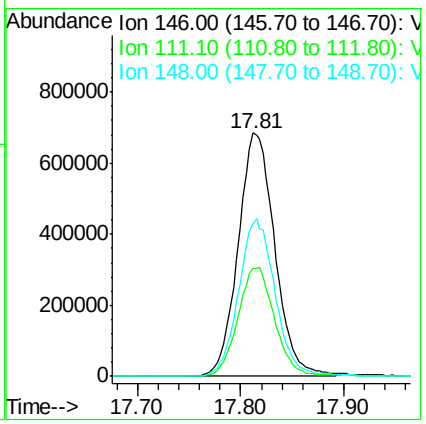


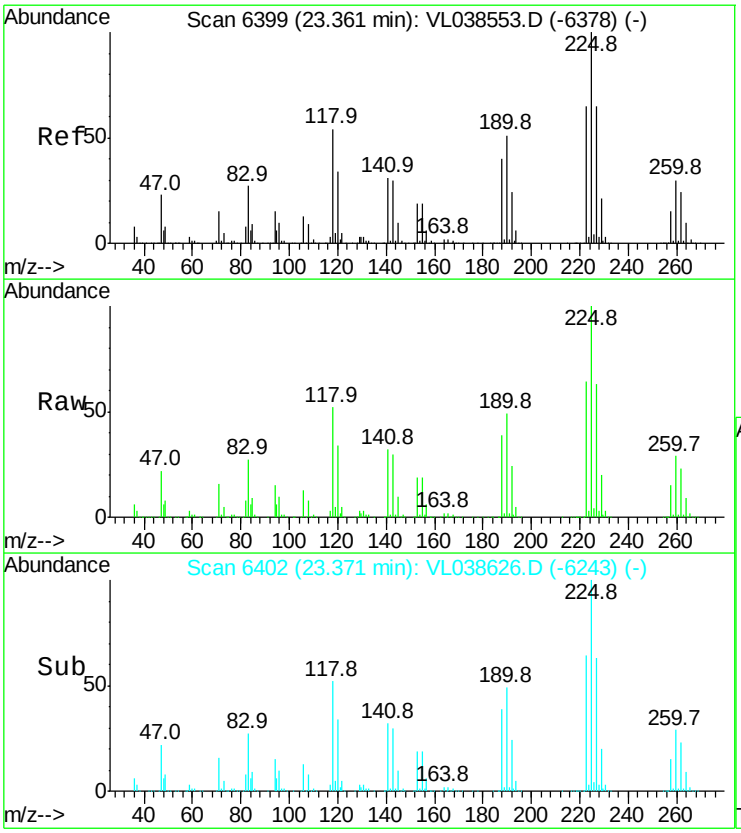
#77
1,2-Dichlorobenzene
Concen: 8.11 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:146 Resp: 1684439

Ion	Ratio	Lower	Upper
146	100		
111	45.3	23.2	69.5
148	64.5	32.6	98.0

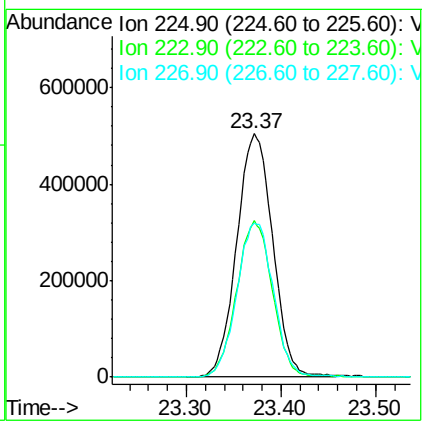


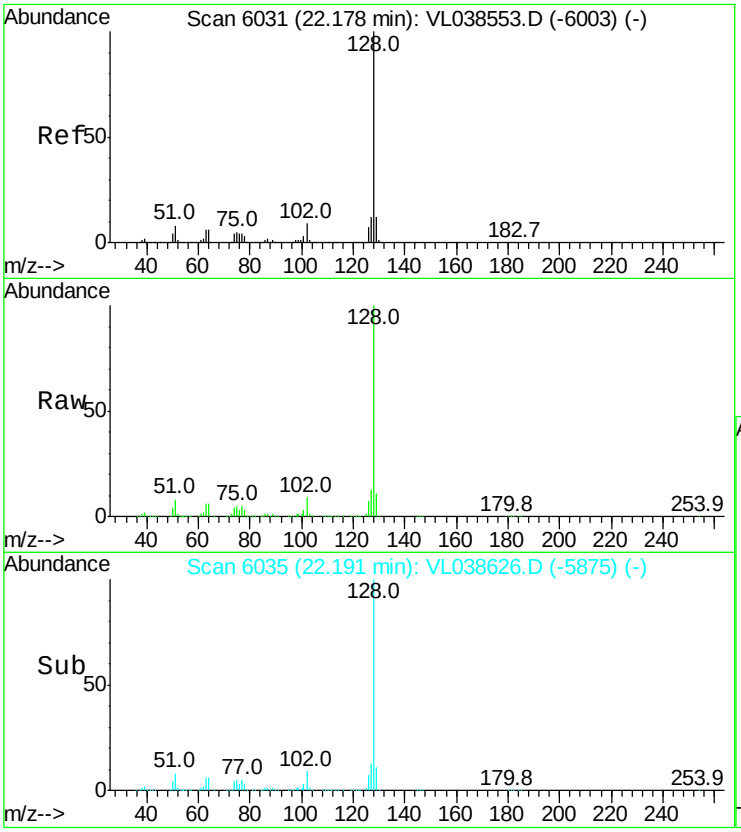


#78
Hexachloro-1,3-Butadiene
Concen: 6.60 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:225 Resp: 1337650

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	64.6	51.9	77.9



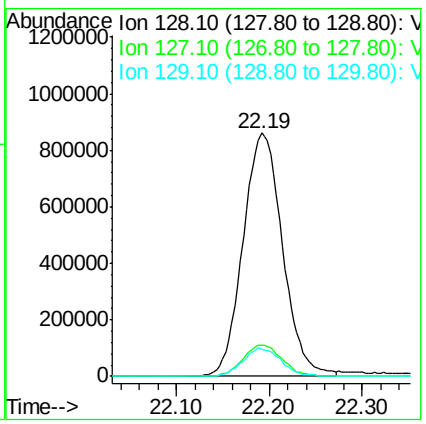


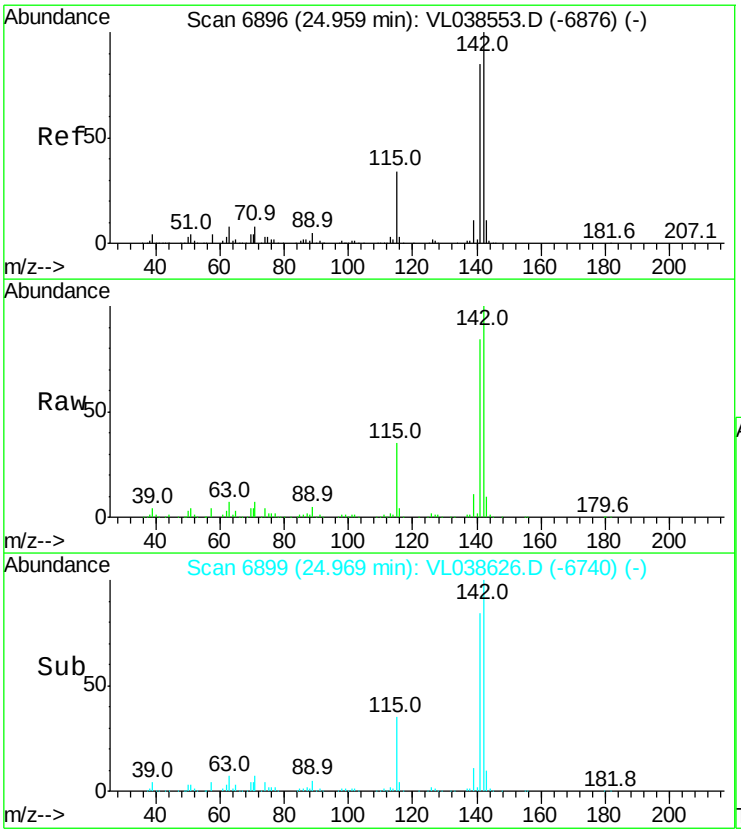
#79
Naphthalene
Concen: 8.69 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:128 Resp: 2546405

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.9	14.9
129	11.2	9.3	13.9

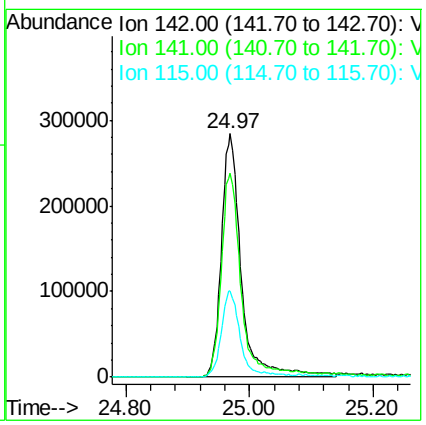


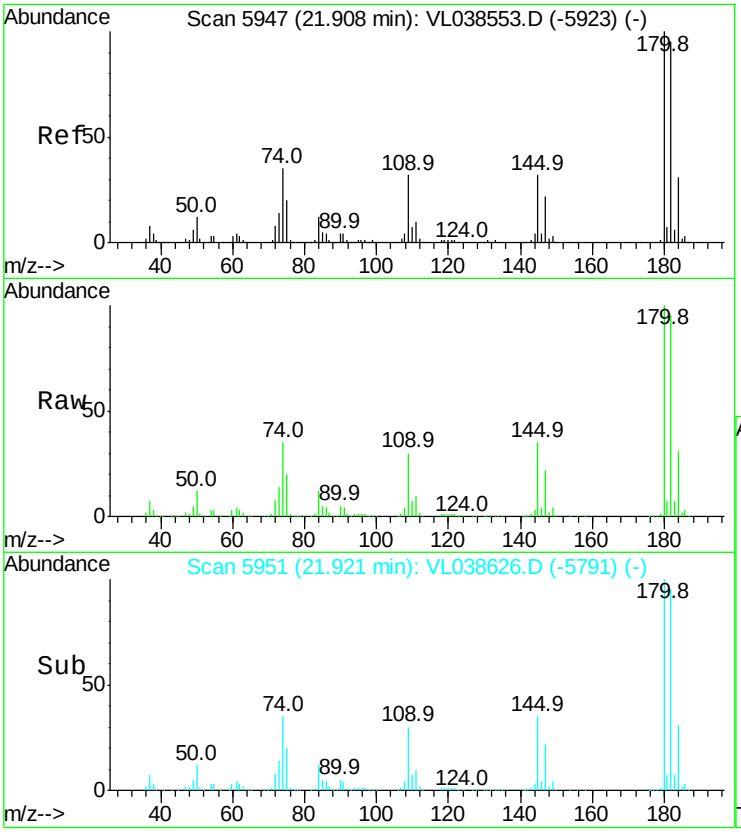


#80
Naphthalene,2-methyl-
Concen: 12.33 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.01 min
Lab File: VL038626.D
Acq: 17 Mar 2022 14:15

Tgt Ion:142 Resp: 637346

Ion	Ratio	Lower	Upper
142	100		
141	85.9	68.4	102.6
115	33.1	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 7.69 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 17 Mar 2022 14:13

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABS01

Tgt Ion:180 Resp: 1438974

Ion	Ratio	Lower	Upper
180	100		
182	98.6	79.1	118.7
184	31.4	25.0	37.6