Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021622\
Data File : VL038363.D
Acq On : 16 Feb 2022 11:04
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Feb 17 06:03:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.62	49	718935	10.00	ppbv		-0.05
33) 1,4-Difluorobenzene	7.12	114	2243965	10.00	ppbv		-0.05
55) Chlorobenzene-d5	12.02	117	2179527m	10.00	ppbv		-0.06
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.35	95	1730524	10.46	ppbv		-0.06
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	1340323	8.76	ppbv		99
3) Chlorodifluoromethane	2.96	51	1540622	10.76	ppbv		99
4) Chloromethane	3.11	50	532986	10.82	ppbv		99
5) Vinyl Chloride	3.23	62	547281	11.14	ppbv		99
6) Bromomethane	3.44	94	298603	11.24	ppbv		98
7) Chloroethane	3.53	64	186245	11.22	ppbv		95
8) Dichlorotetrafluoroethane	3.16	85	1300741	10.98	ppbv		99
9) Propene	2.98	41	529556	11.37	ppbv		99
10) Heptane	8.07	43	1301981	10.86	ppbv		100
11) Trichlorofluoromethane	3.92	101	1331120	11.16	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.45	101	985945	10.94	ppbv		98
13) Ethanol	3.58	45	48098m	9.62	ppbv		
14) Bromoethene	3.71	108	398446	11.31	ppbv		98
15) Acetone	3.81	43	624651	9.86	ppbv		99
16) 1,3-Butadiene	3.30	39	503804	11.08	ppbv		99
17) tert-Butyl alcohol	4.25	59	865776	12.45	ppbv		97
18) 1,1-Dichloroethene	4.25	96	441537	11.27	ppbv		97
19) Isopropyl Alcohol	3.93	45	470495	11.87	ppbv	#	98
20) Methylene Chloride	4.31	84	344591	9.35	ppbv		97
21) Allyl Chloride	4.37	41	646992	11.54	ppbv		96
22) trans-1,2-Dichloroethene	4.84	96	464110	11.46	ppbv		98
23) Vinyl Acetate	5.03	43	931184	10.11	ppbv		100
24) 1,1-Dichloroethane	4.97	63	916198	11.16	ppbv		100
25) Ethyl Acetate	5.63	43	1761212	9.93	ppbv		99
26) Hexane	5.64	57	838859	10.16	ppbv		95
27) Carbon Disulfide	4.51	76	1106392	11.46	ppbv		99
28) Methyl tert-Butyl Ether	4.99	73	975457	11.39	ppbv		100
29) Chloroform	5.70	83	1448114	10.75	ppbv		98
30) Cyclohexane	7.08	84	801890	11.16	ppbv		99
31) cis-1,2-Dichloroethene	5.50	61	689084	9.57	ppbv		97
32) 1,1,1-Trichloroethane	6.46	97	1517032	11.27	ppbv		99
34) 2-Butanone	5.20	43	689599	9.40	ppbv		99
35) Carbon Tetrachloride	6.97	117	1555786	9.88	ppbv		98
36) Benzene	6.84	78	1983548	9.99	ppbv		99
37) 1,2-Dichloroethane	6.26	62	1128956	9.93	ppbv		98
38) Trichloroethene	7.78	130	699977	9.47	ppbv		97
39) 1,2-Dichloropropane	7.56	63	784302	9.75	ppbv		100
40) 1,4-Dioxane	7.78	88	183956	9.50	ppbv		88
41) Tetrahydrofuran	6.00	42	500830	10.15	ppbv		99
42) Bromodichloromethane	7.74	83	1694247	10.04	ppbv		99
43) Methyl Methacrylate	7.96	69	741246	10.56	ppbv		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021622\
Data File : VL038363.D
Acq On : 16 Feb 2022 11:04
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Quant Time: Feb 17 06:03:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.82	57	3325642	9.51	ppbv		100
45) t-1,3-Dichloropropene	9.22	75	579069	10.15	ppbv		100
46) cis-1,3-Dichloropropene	8.65	75	746111	9.80	ppbv		98
47) 1,1,2-Trichloroethane	9.42	97	763193	9.65	ppbv		98
48) Dibromochloromethane	10.25	129	1282797	9.64	ppbv		99
49) Bromoform	12.98	173	873192	9.10	ppbv		100
50) 4-Methyl-2-Pentanone	8.69	43	1275108	9.74	ppbv		99
51) 2-Hexanone	10.08	43	551173	9.56	ppbv	#	97
52) Tetrachloroethene	11.16	164	609156	8.90	ppbv		97
53) Toluene	9.75	91	2170360	9.88	ppbv		99
54) 1,2-Dibromoethane	10.55	107	1090146	9.70	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.07	131	815526	8.55	ppbv		98
57) Chlorobenzene	12.09	112	1468629	8.42	ppbv		99
58) Ethyl Benzene	12.65	91	2786730	8.70	ppbv		98
59) m/p-Xylene	12.94	91	4537260m	16.60	ppbv		
60) o-Xylene	13.64	91	2112021	8.31	ppbv		100
61) Styrene	13.47	104	1078324	9.09	ppbv		99
62) Isopropylbenzene	14.61	105	2776563	8.19	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.62	83	1397809	7.43	ppbv		99
64) n-propylbenzene	15.50	120	678895	8.33	ppbv		96
65) tert-Butylbenzene	16.68	119	2259761	8.10	ppbv		99
66) Benzyl Chloride	16.92	91	76152	6.01	ppbv		99
67) sec-Butylbenzene	17.23	105	3147161	8.11	ppbv		100
69) p-Isopropyltoluene	17.59	119	2530036	8.52	ppbv		99
70) n-Butylbenzene	18.49	91	2640869	9.08	ppbv		100
71) 2-Chlorotoluene	15.39	91	2024835	8.07	ppbv		100
72) 4-Ethyltoluene	15.78	105	2253237	8.48	ppbv		100
73) 1,3,5-Trimethylbenzene	15.94	105	1982783	8.30	ppbv		99
74) 1,2,4-Trimethylbenzene	16.70	105	2053236	8.15	ppbv		95
75) 1,3-Dichlorobenzene	16.94	146	1098225	8.13	ppbv		99
76) 1,4-Dichlorobenzene	17.08	146	1047290	8.00	ppbv		97
77) 1,2-Dichlorobenzene	17.76	146	1038672	8.28	ppbv		99
78) Hexachloro-1,3-Butadiene	23.31	225	857863m	9.83	ppbv		
79) Naphthalene	22.12	128	1619223	13.75	ppbv		98
80) Naphthalene,2-methyl-	24.92	142	302733	23.64	ppbv		97
81) 1,2,4-Trichlorobenzene	21.85	180	872464	12.60	ppbv		99

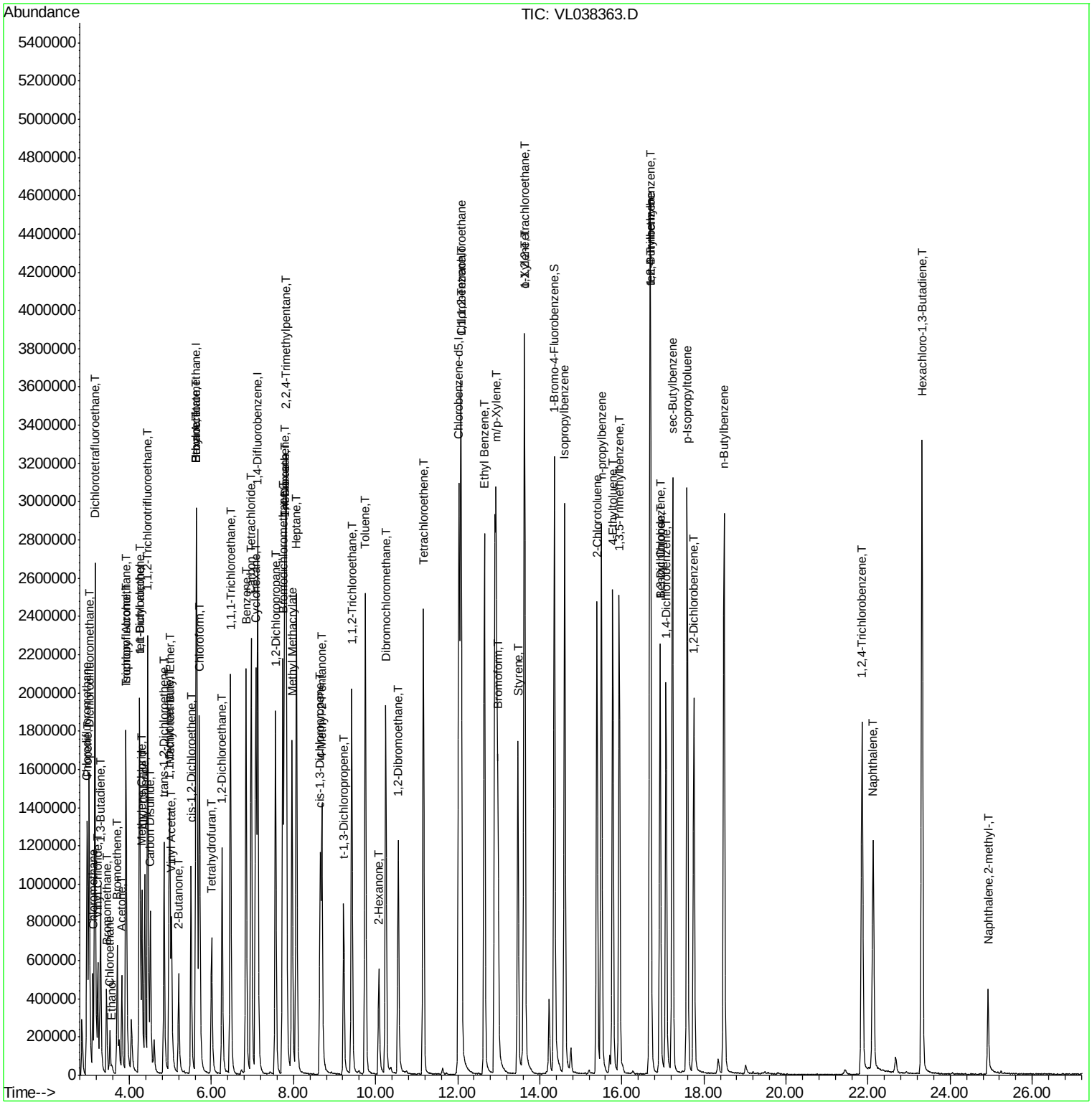
(#) = qualifier out of range (m) = manual integration (+) = signals summed

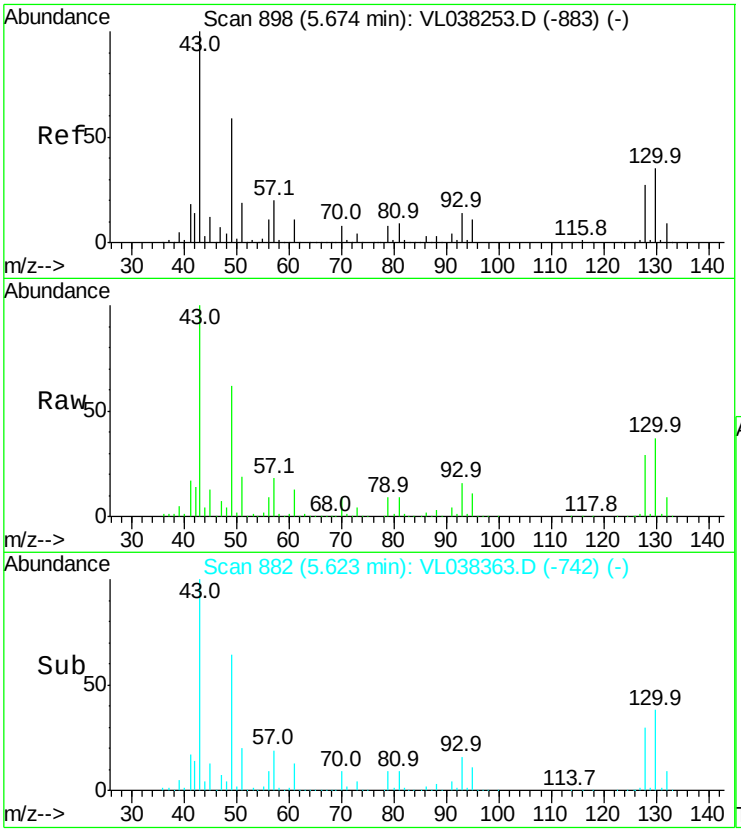
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021622\
Data File : VL038363.D
Acq On : 16 Feb 2022 11:04
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Quant Time: Feb 17 06:03:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



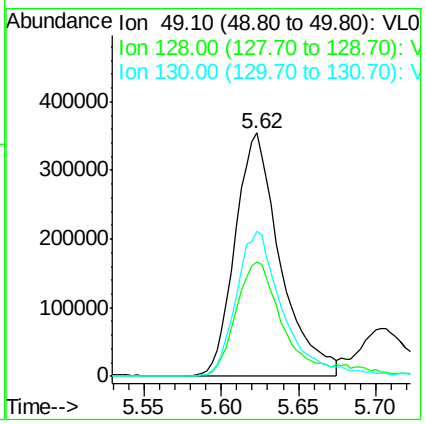


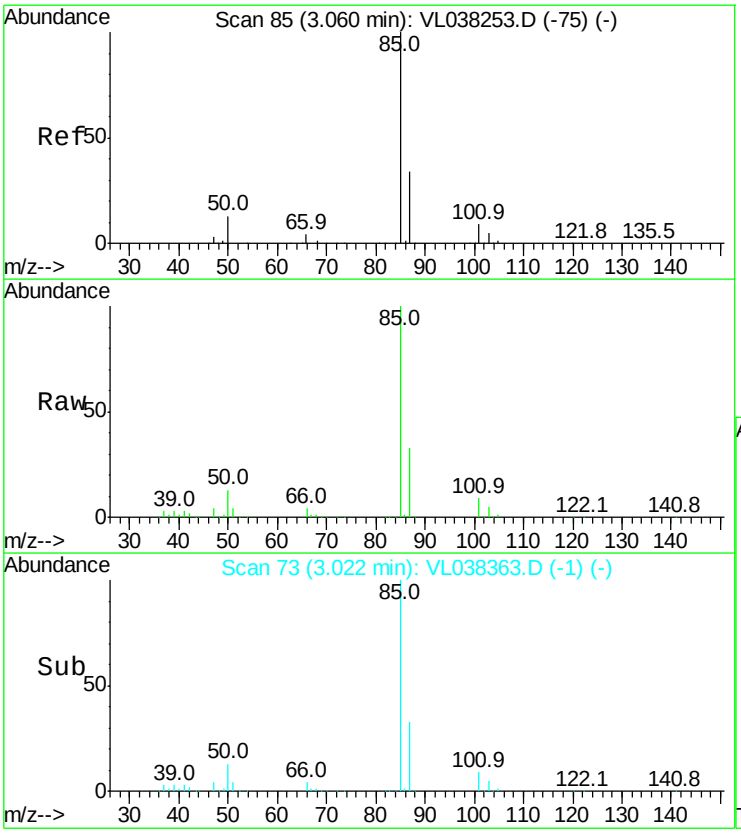
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.62
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 718935

Ion	Ratio	Lower	Upper
49	100		
128	52.4	24.5	73.5
130	63.1	30.1	90.5

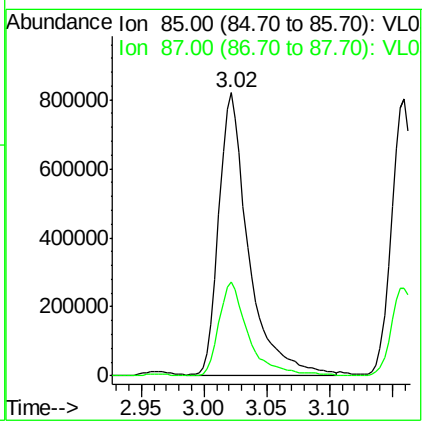


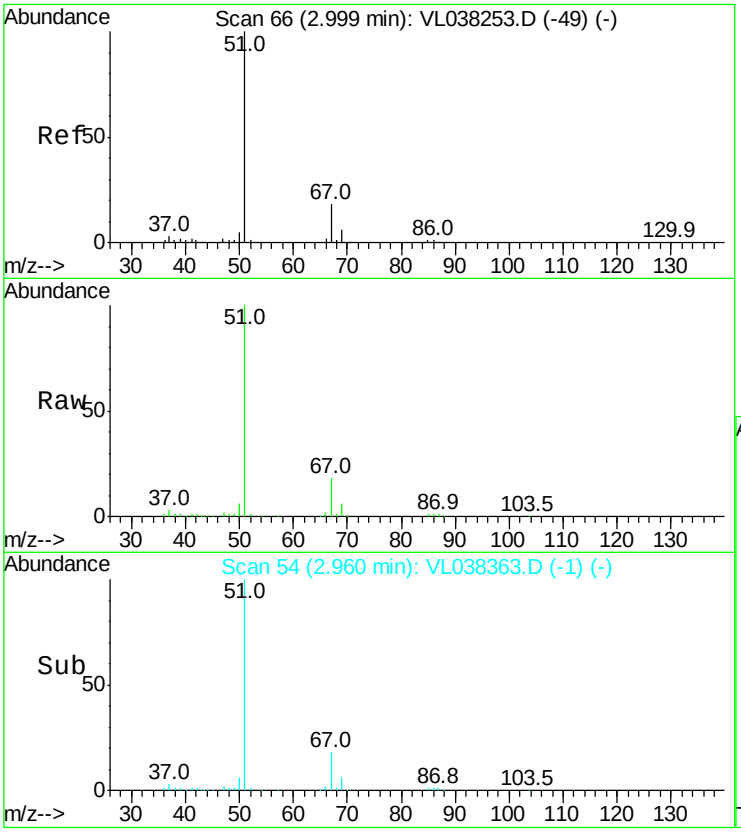


#2
Dichlorodifluoromethane
Concen: 8.76 ppbv
RT: 3.02 min Scan# 73
Delta R.T. -0.04 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 85 Resp: 1340323

Ion	Ratio	Lower	Upper
85	100		
87	33.0	27.0	40.6



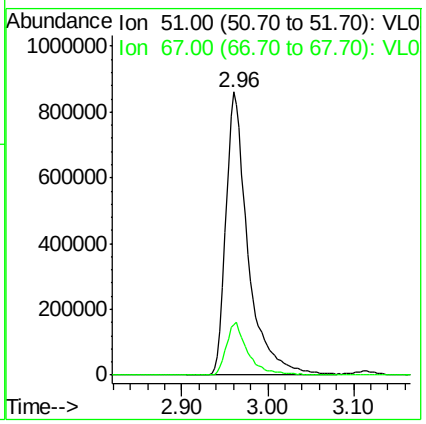


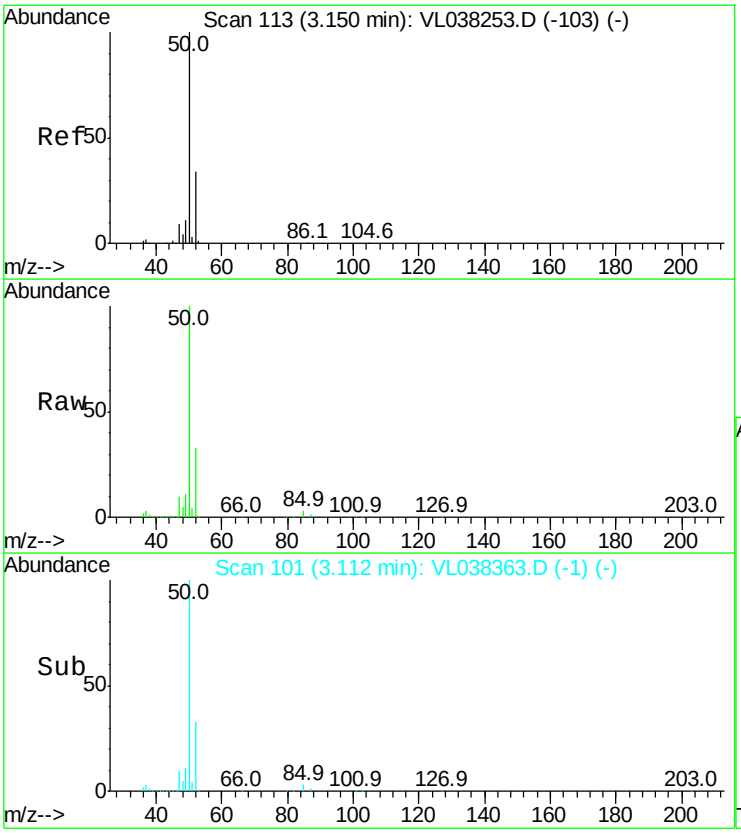
#3
Chlorodifluoromethane
Concen: 10.76 ppbv
RT: 2.96
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 51 Resp: 1540622

Ion	Ratio	Lower	Upper
51	100		
67	18.2	14.4	21.6

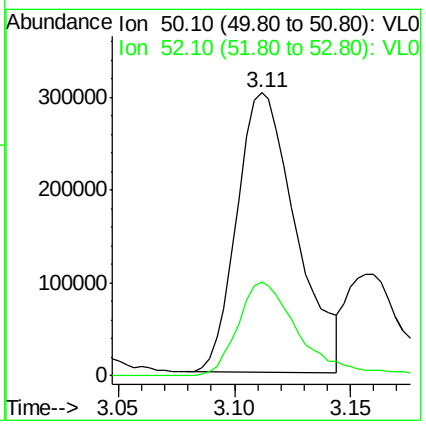


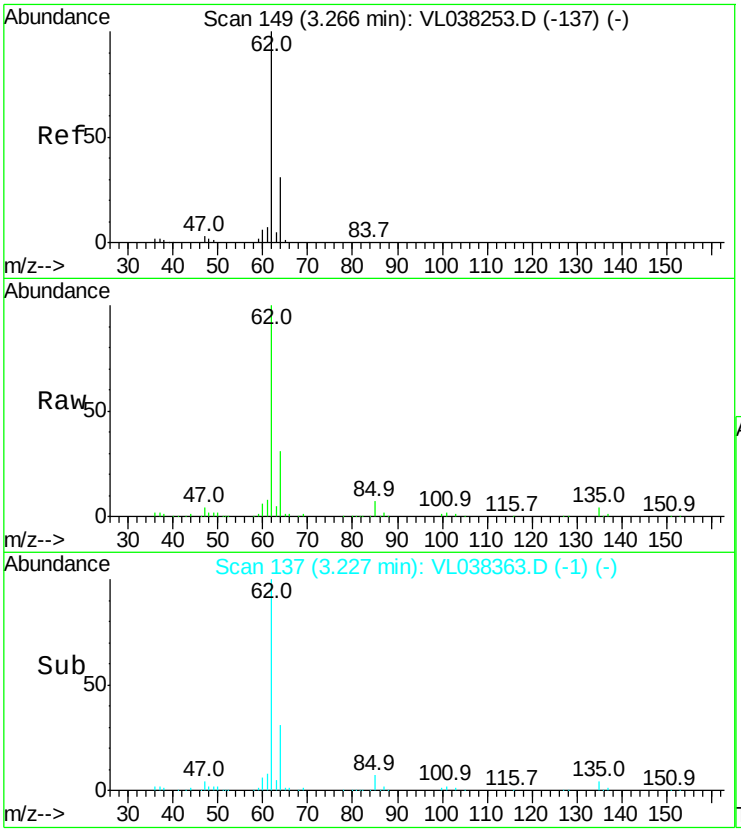


#4
Chloromethane
Concen: 10.82 ppbv
RT: 3.11 min Scan# 101
Delta R.T. -0.04 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 50 Resp: 532986

Ion	Ratio	Lower	Upper
50	100		
52	33.5	27.1	40.7



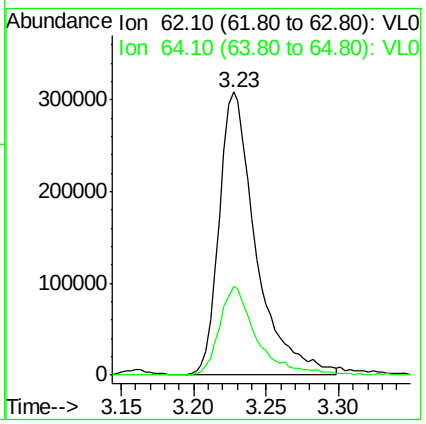


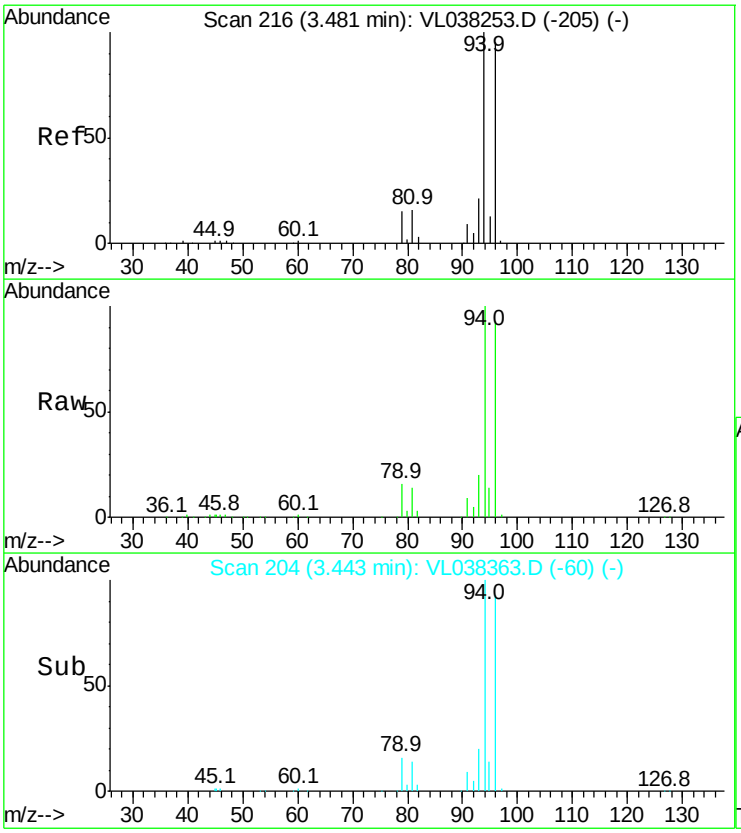
#5
Vinyl Chloride
Concen: 11.14 ppbv
RT: 3.23
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 547281

Ion	Ratio	Lower	Upper
62	100		
64	31.2	24.4	36.6

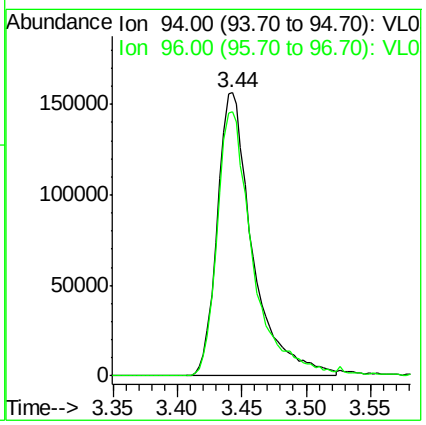


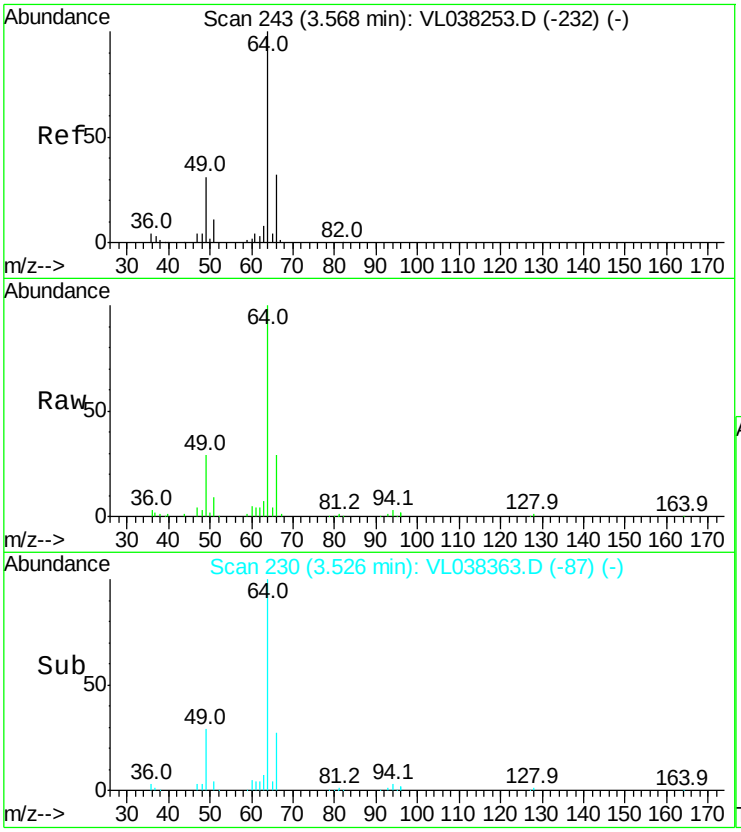


#6
Bromomethane
Concen: 11.24 ppbv
RT: 3.44 min Scan# 204
Delta R.T. -0.04 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 94 Resp: 298603

Ion	Ratio	Lower	Upper
94	100		
96	93.2	76.0	114.0



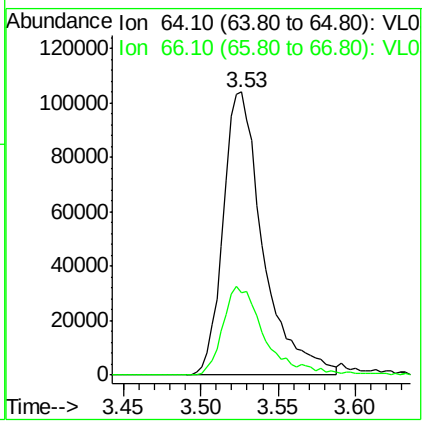


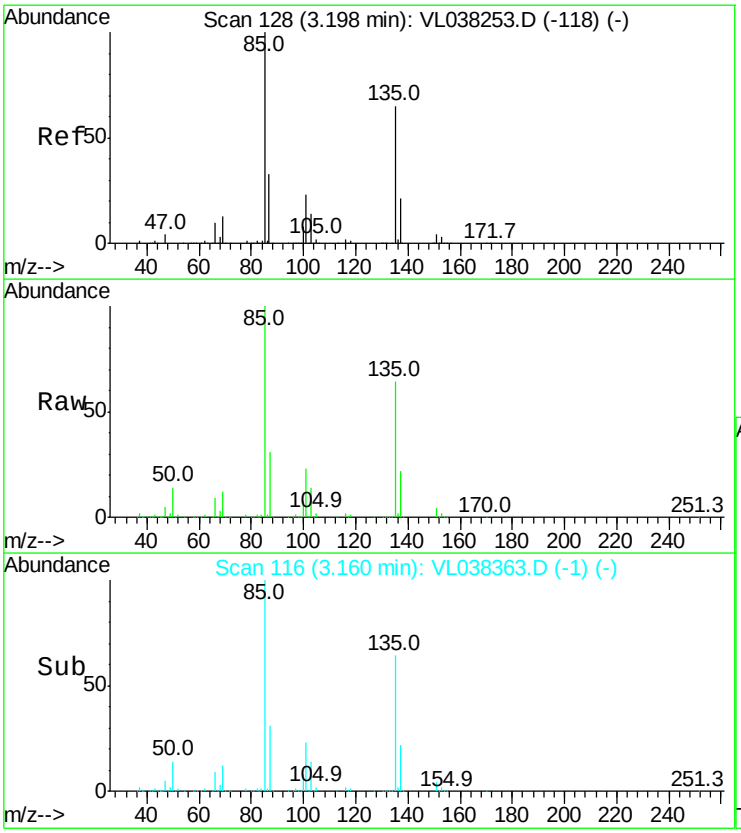
#7
Chloroethane
Concen: 11.22 ppbv
RT: 3.53
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 64 Resp: 186245

Ion	Ratio	Lower	Upper
64	100		
66	29.3	25.8	38.6

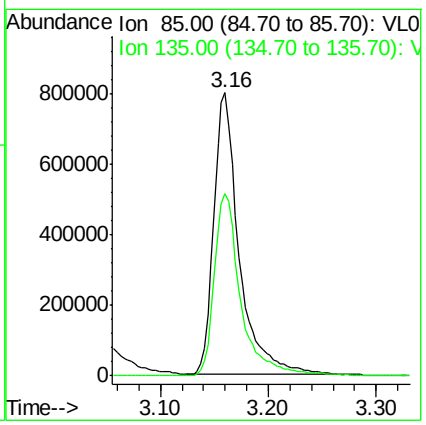


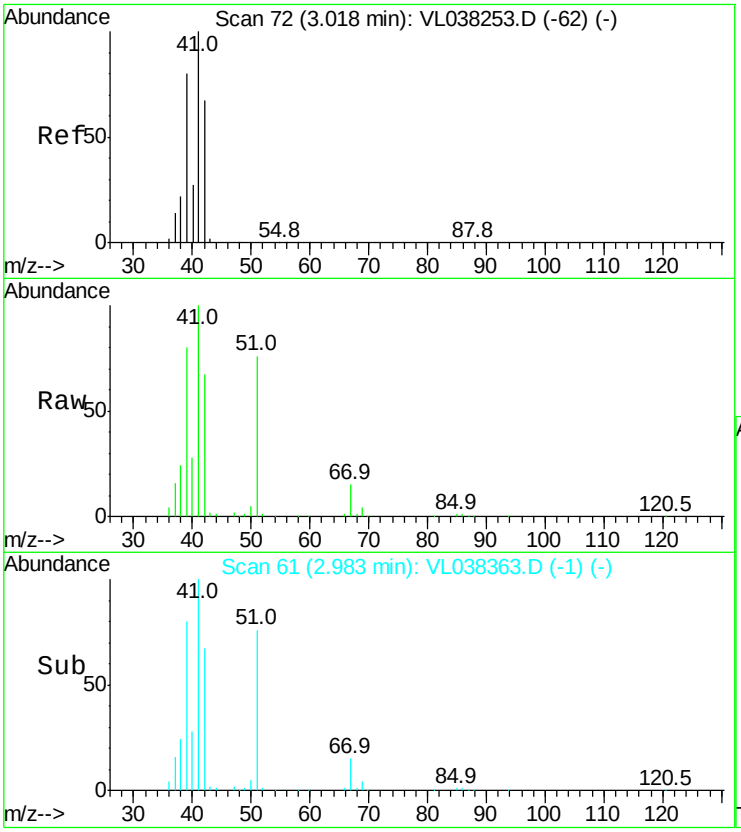


#8
Dichlorotetrafluoroethane
Concen: 10.98 ppbv
RT: 3.16 min Scan# 116
Delta R.T. -0.04 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 85 Resp: 1300741

Ion	Ratio	Lower	Upper
85	100		
135	68.3	53.7	80.5



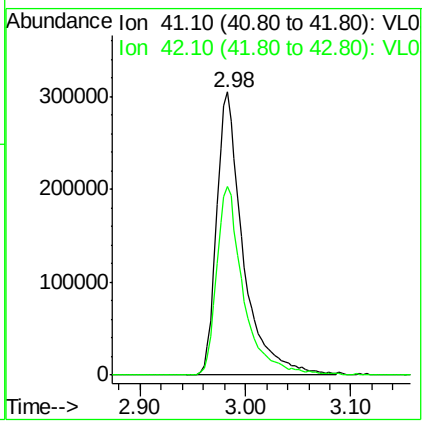


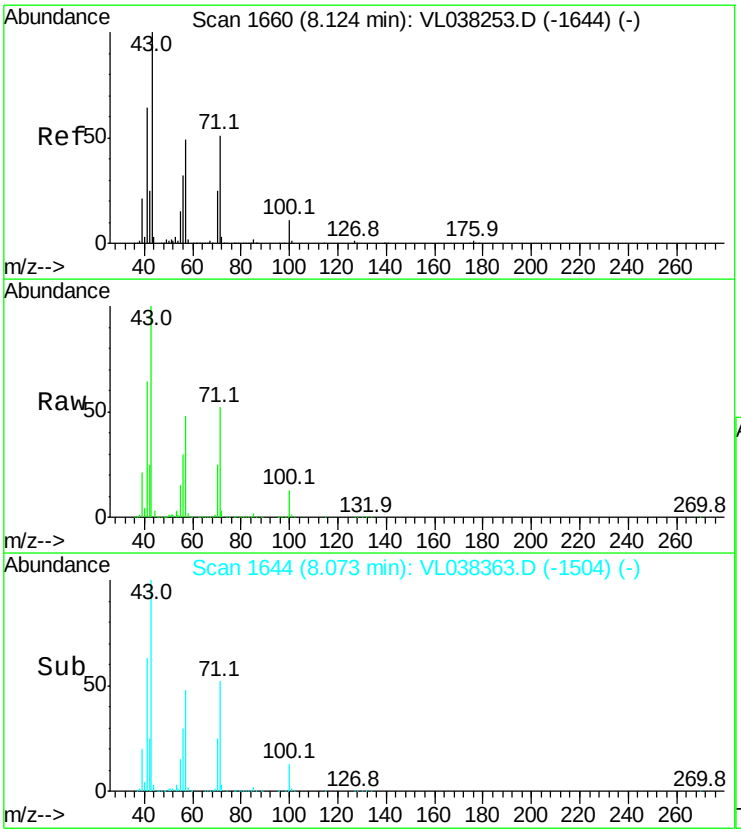
#9
Propene
Concen: 11.37 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 529556

Ion	Ratio	Lower	Upper
41	100		
42	68.0	54.9	82.3

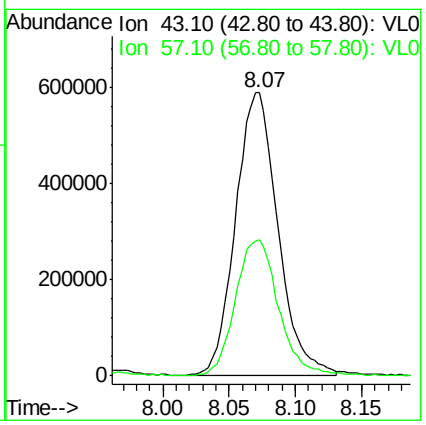


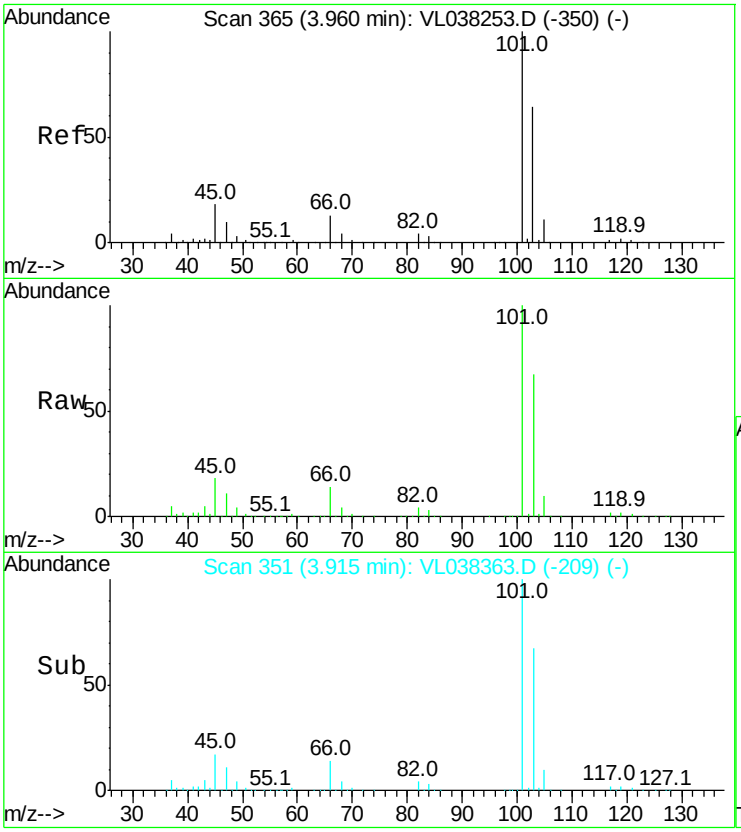


#10
Heptane
Concen: 10.86 ppbv
RT: 8.07 min Scan# 1644
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 43 Resp: 1301981

Ion	Ratio	Lower	Upper
43	100		
57	49.1	39.5	59.3



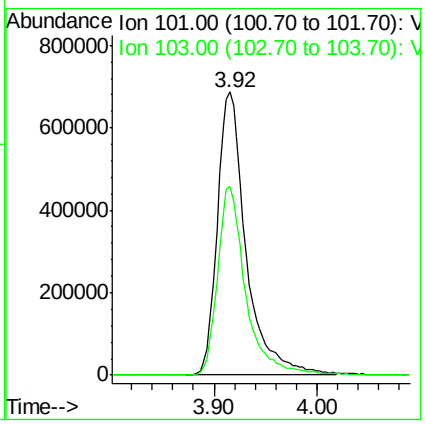


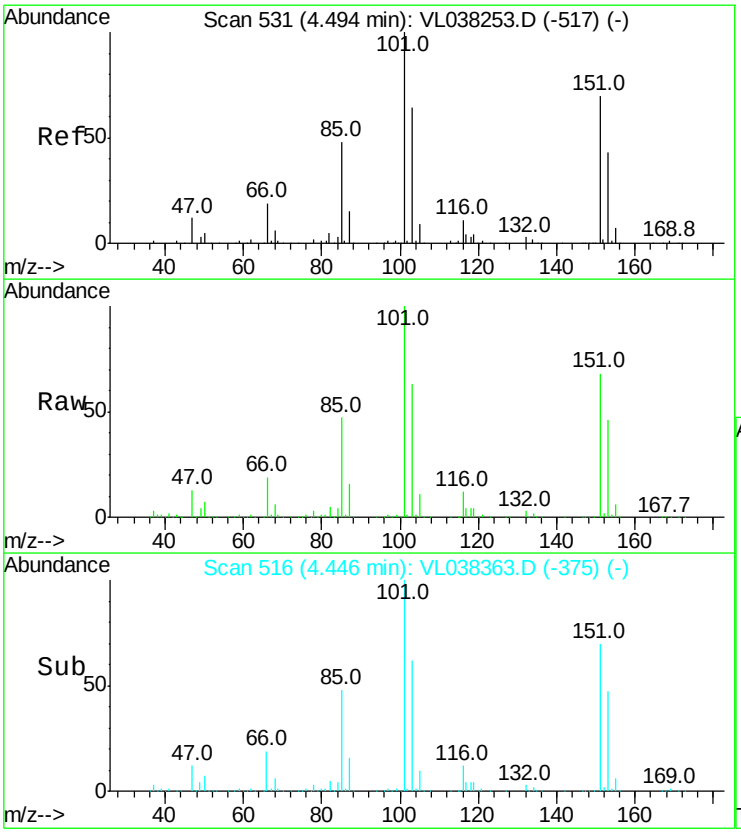
#11
Trichlorofluoromethane
Concen: 11.16 ppbv
RT: 3.92
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:101 Resp: 1331120

Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.2	76.8

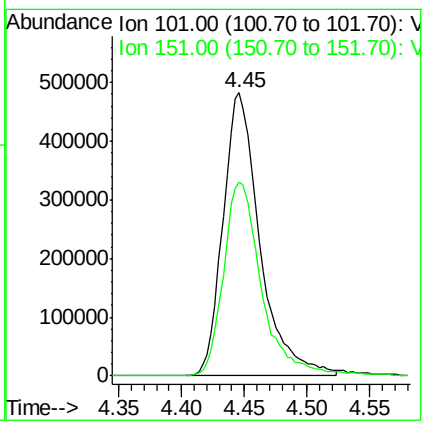


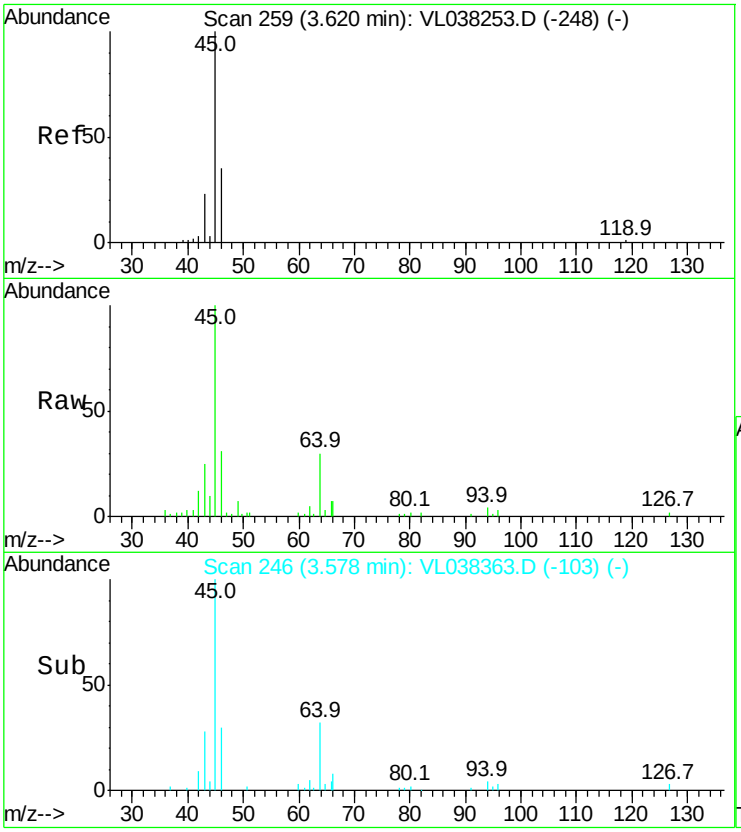


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.94 ppbv
RT: 4.45 min Scan# 516
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:101 Resp: 985945

Ion	Ratio	Lower	Upper
101	100		
151	71.1	55.3	82.9



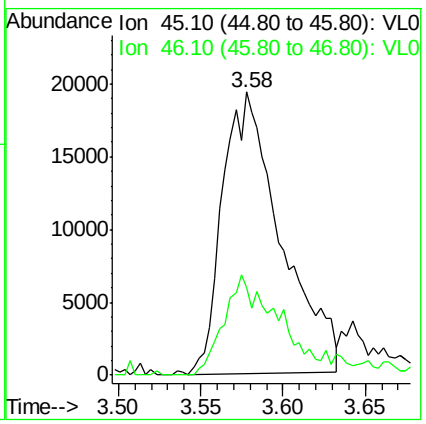


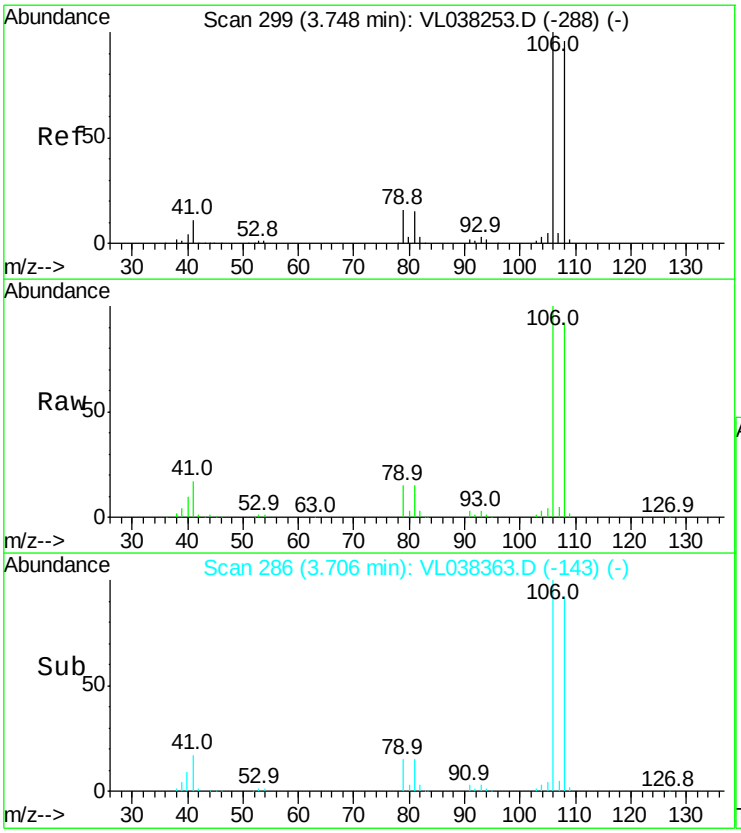
#13
Ethanol
Concen: 9.62 ppbv m
RT: 3.58
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 48098

Ion	Ratio	Lower	Upper
45	100		
46	37.6	15.4	61.6

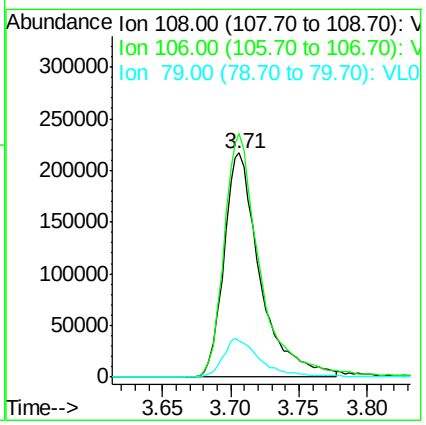


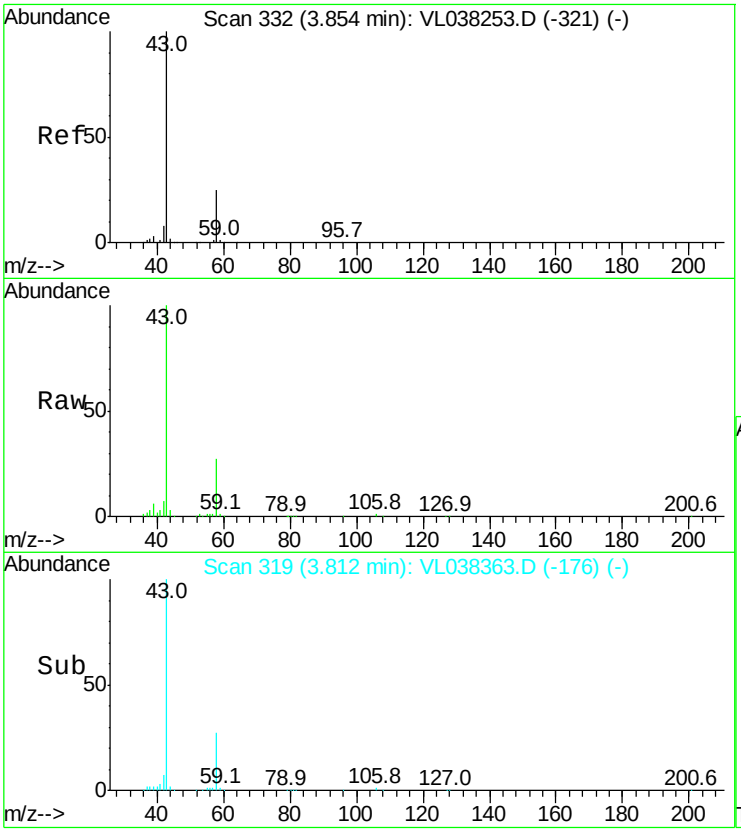


#14
Bromoethene
Concen: 11.31 ppbv
RT: 3.71 min Scan# 286
Delta R.T. -0.04 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:108 Resp: 398446

Ion	Ratio	Lower	Upper
108	100		
106	109.7	86.4	129.6
79	18.3	14.1	21.1



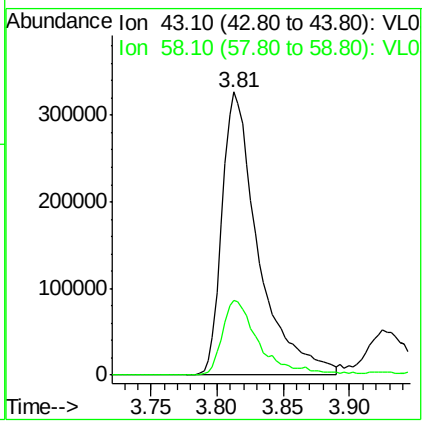


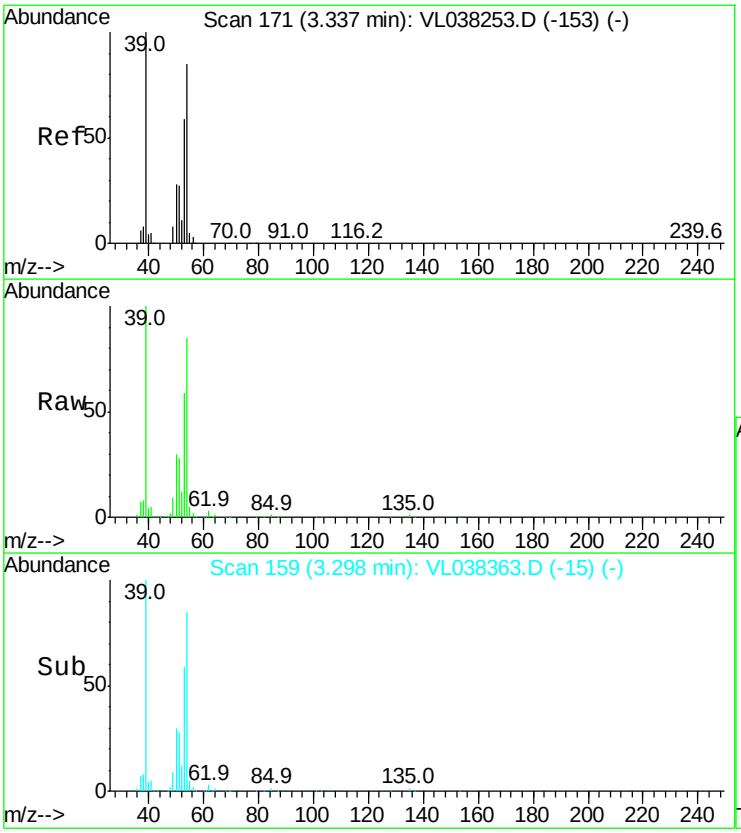
#15
Acetone
Concen: 9.86 ppbv
RT: 3.81
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 624651

Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.5	32.3

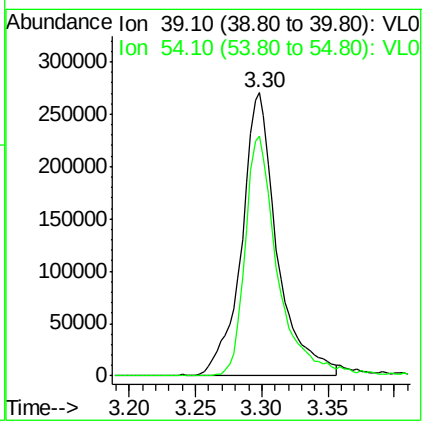


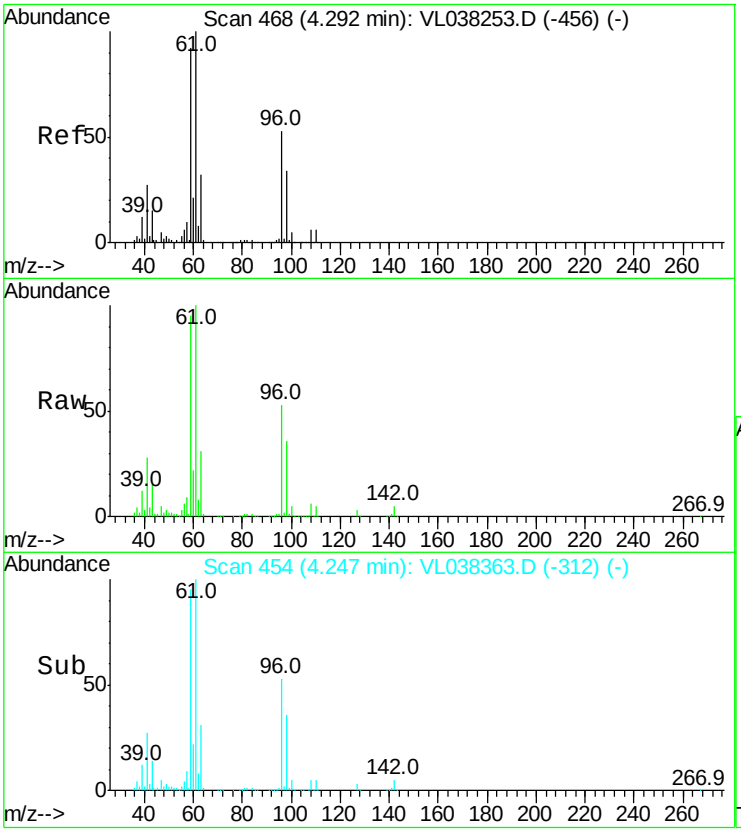


#16
1,3-Butadiene
Concen: 11.08 ppbv
RT: 3.30 min Scan# 159
Delta R.T. -0.04 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 39 Resp: 503804

Ion	Ratio	Lower	Upper
39	100		
54	79.3	62.6	94.0



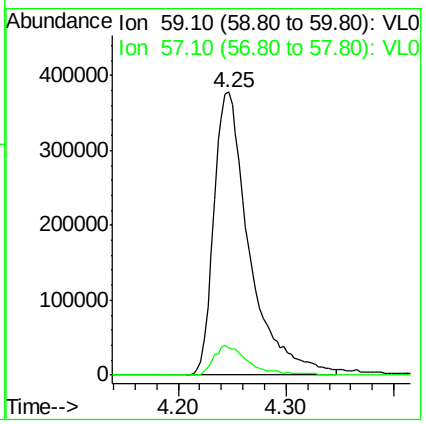


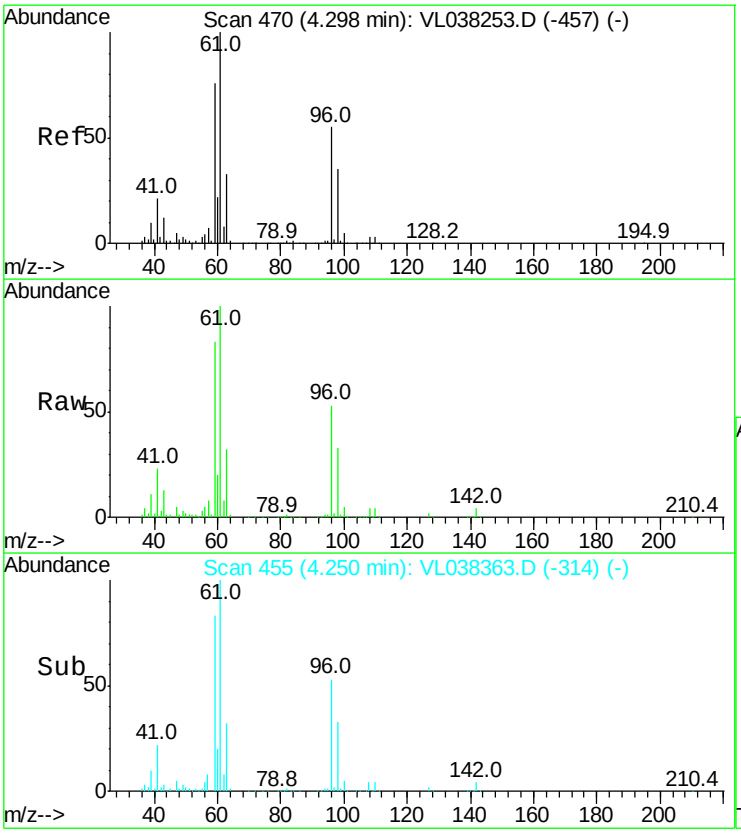
#17
tert-Butyl alcohol
Concen: 12.45 ppbv
RT: 4.25
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 59 Resp: 865776

Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.2	13.8

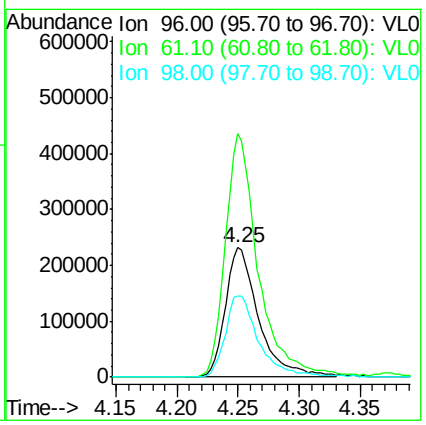


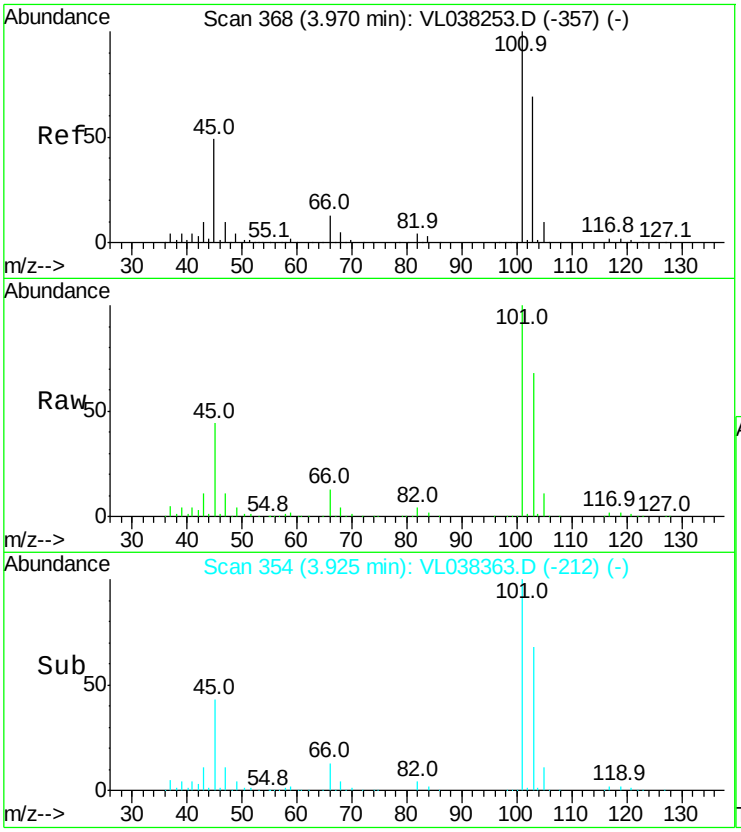


#18
1,1-Dichloroethene
Concen: 11.27 ppbv
RT: 4.25 min Scan# 455
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 96 Resp: 441537

Ion	Ratio	Lower	Upper
96	100		
61	188.3	146.5	219.7
98	62.5	51.9	77.9



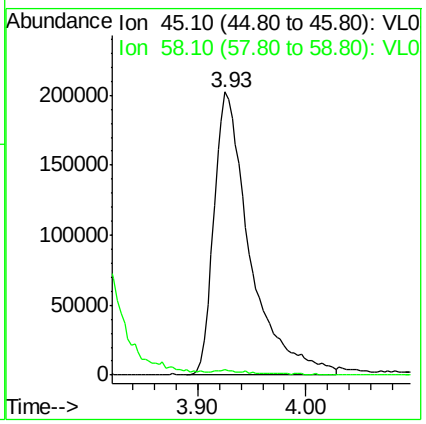


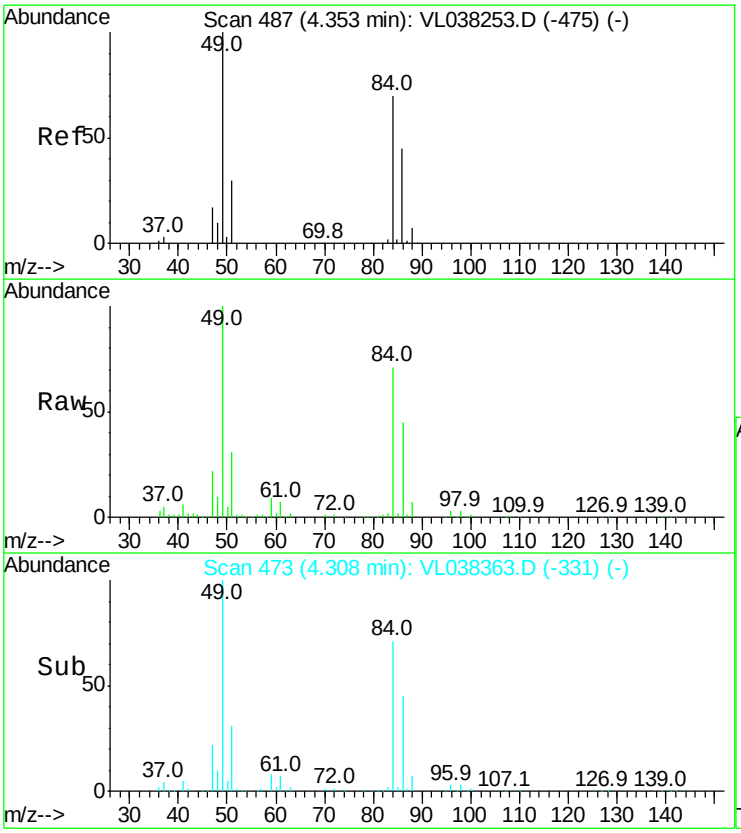
#19
Isopropyl Alcohol
Concen: 11.87 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 470495

Ion	Ratio	Lower	Upper
45	100		
58	2.3	2.3	3.5#

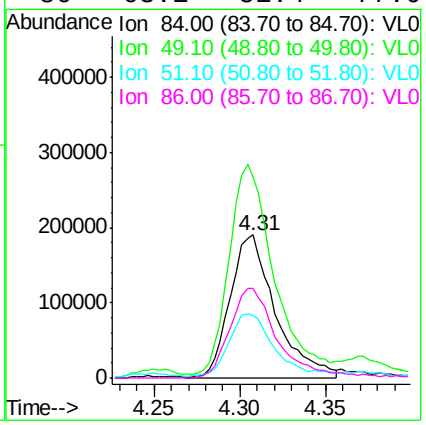


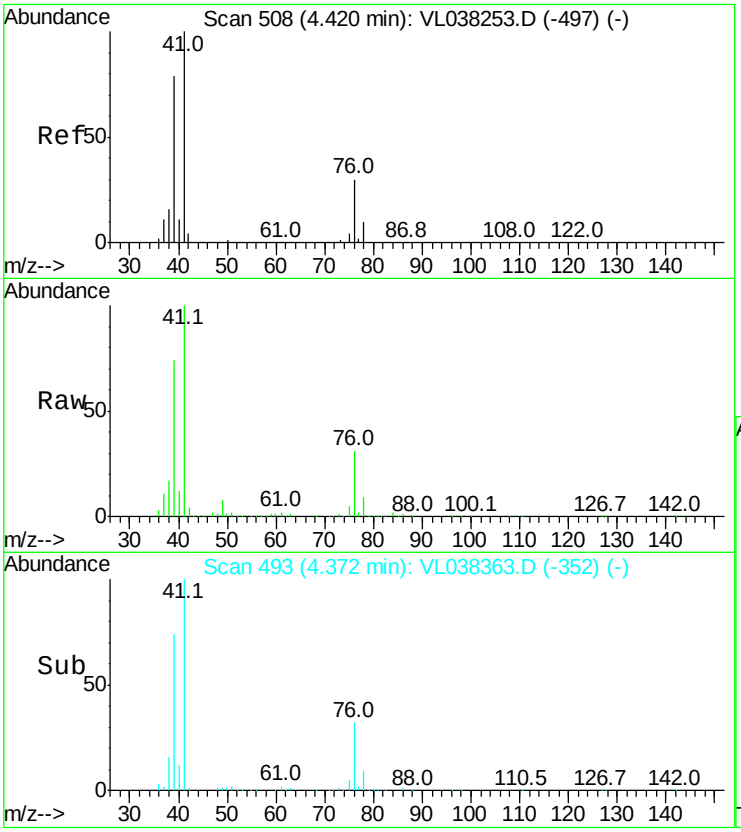


#20
Methylene Chloride
Concen: 9.35 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.04 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 84 Resp: 344591

Ion	Ratio	Lower	Upper
84	100		
49	138.4	115.0	172.6
51	43.2	35.0	52.6
86	63.1	51.4	77.0



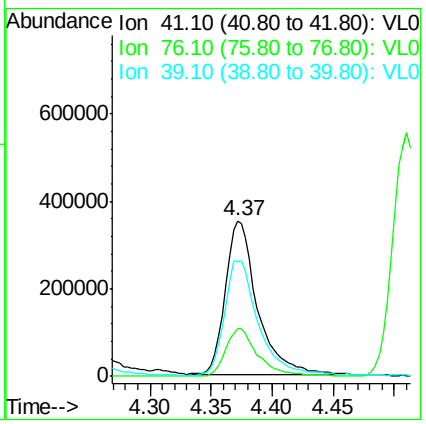


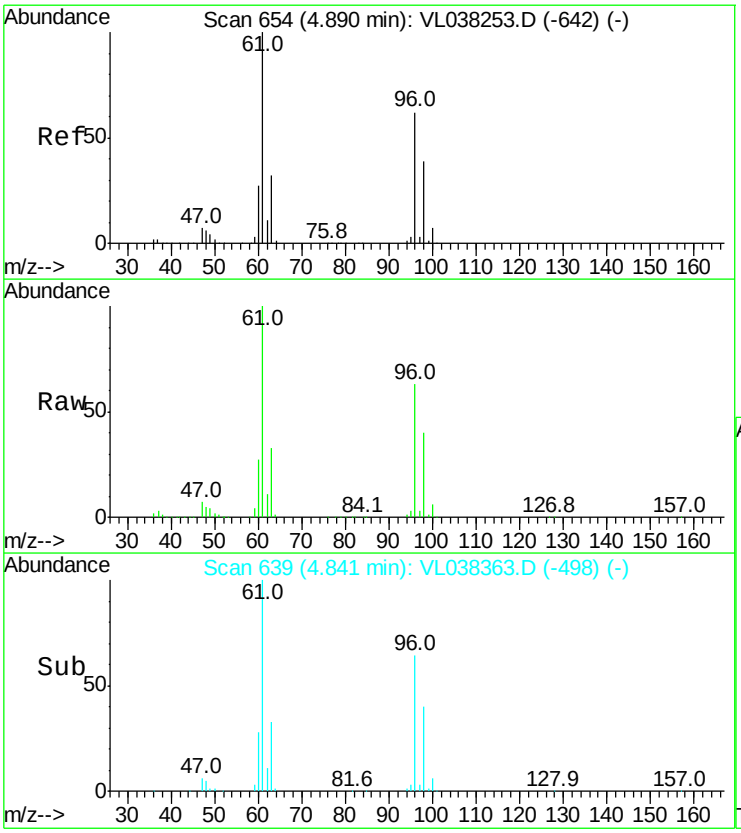
#21
Allyl Chloride
Concen: 11.54 ppbv
RT: 4.37
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 646992

Ion	Ratio	Lower	Upper
41	100		
76	31.7	25.0	37.6
39	82.9	63.0	94.6

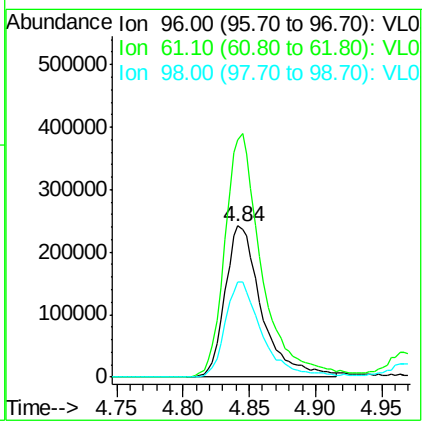


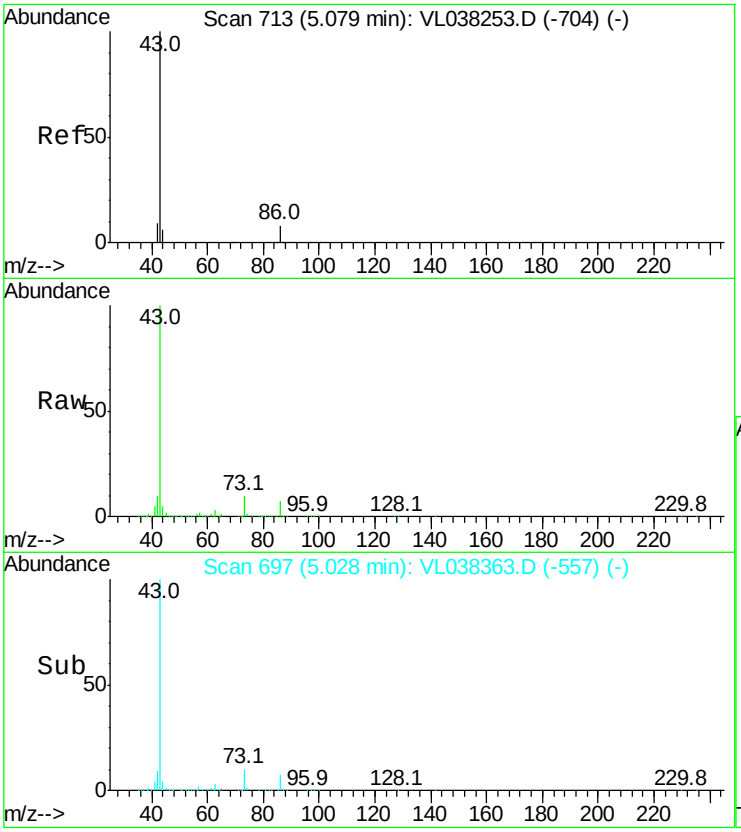


#22
trans-1,2-Dichloroethene
Concen: 11.46 ppbv
RT: 4.84 min Scan# 639
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 96 Resp: 464110

Ion	Ratio	Lower	Upper
96	100		
61	157.6	128.8	193.2
98	63.5	49.8	74.8



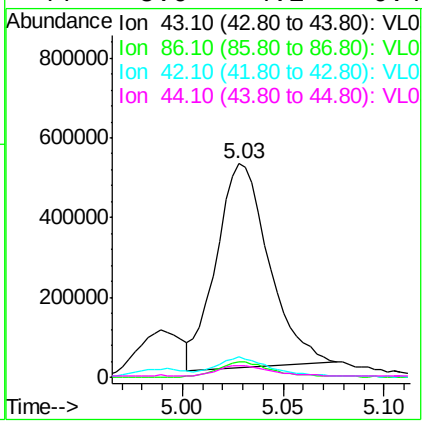


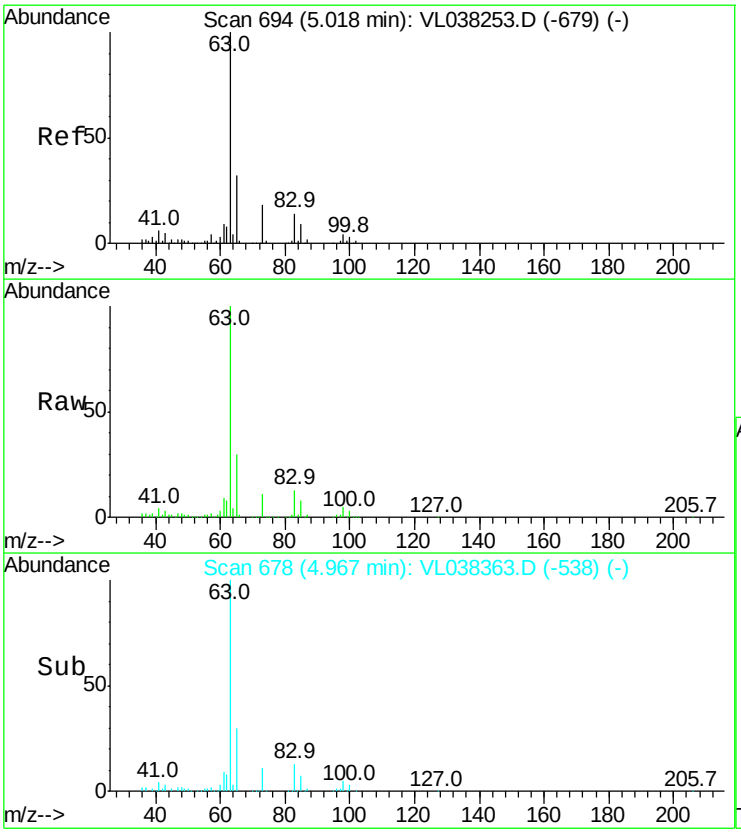
#23
Vinyl Acetate
Concen: 10.11 ppbv
RT: 5.03
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 931184

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.7	8.5
42	9.5	7.7	11.5
44	5.0	4.2	6.4

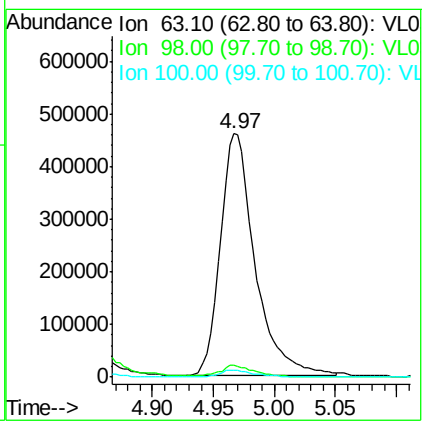


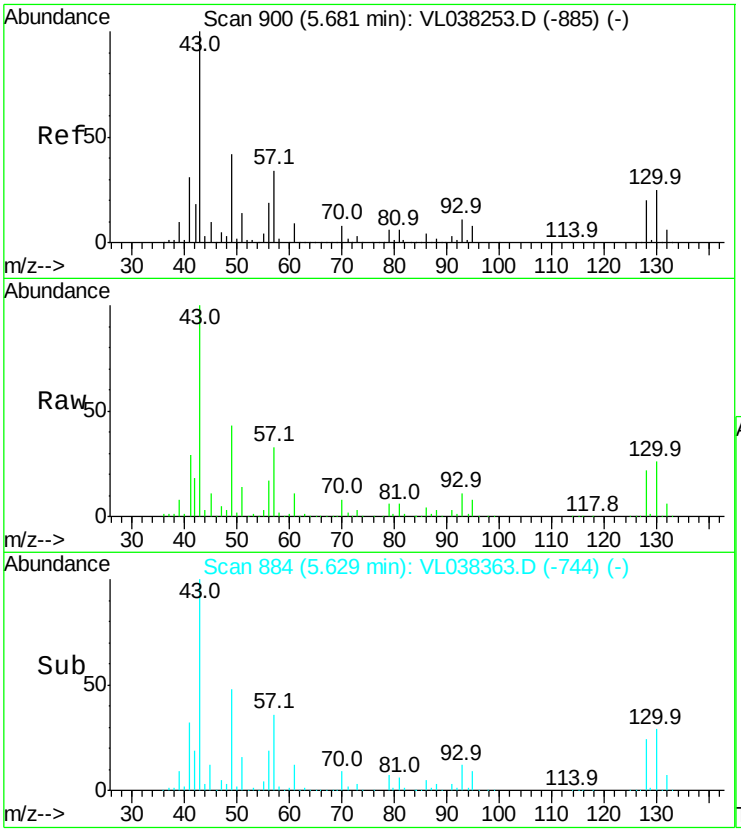


#24
1,1-Dichloroethane
Concen: 11.16 ppbv
RT: 4.97 min Scan# 678
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 63 Resp: 916198

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	3.0	1.3	3.9



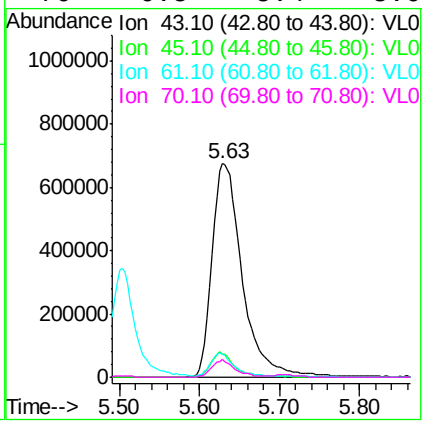


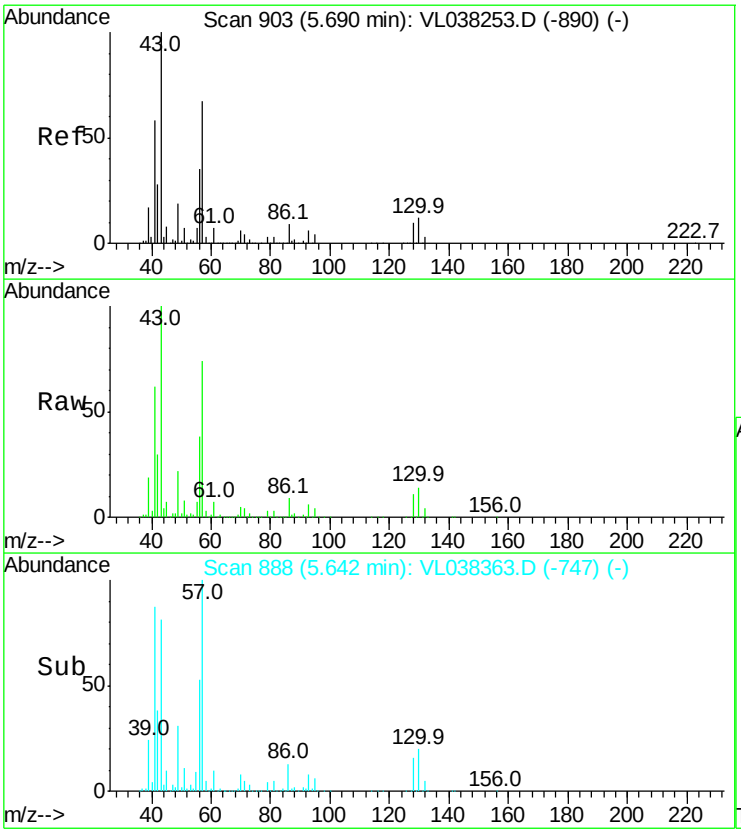
#25
Ethyl Acetate
Concen: 9.93 ppbv
RT: 5.63
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1761212

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.4	7.8	11.8
70	6.5	5.4	8.0

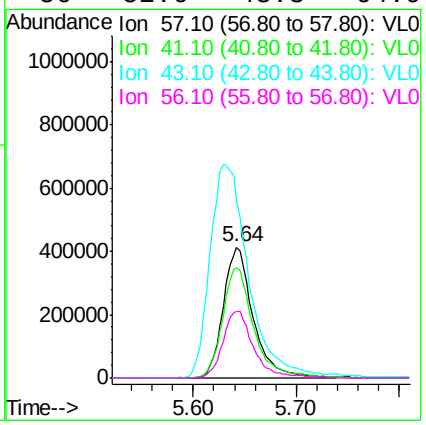


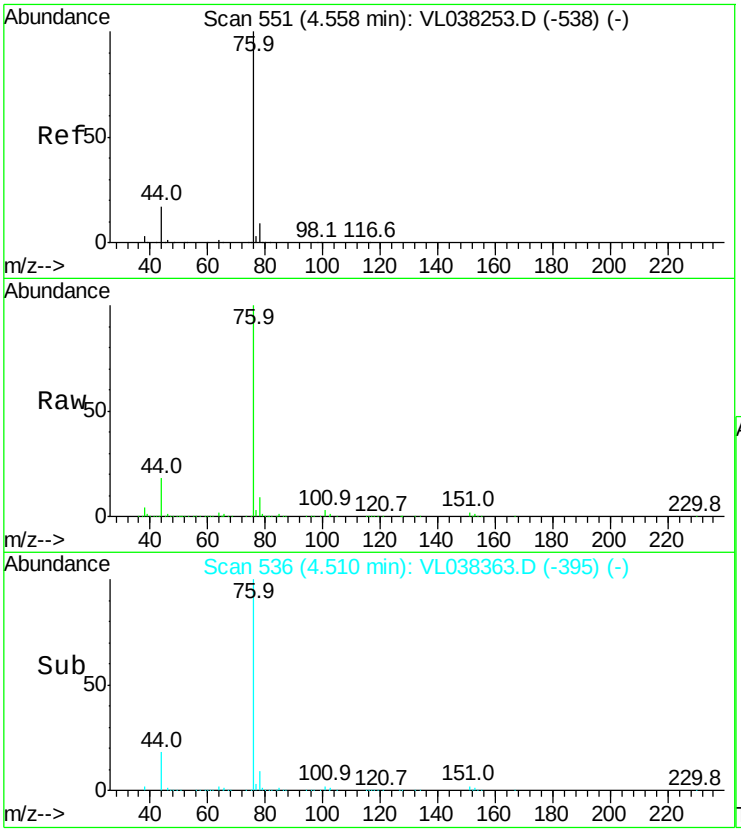


#26
Hexane
Concen: 10.16 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 57 Resp: 838859

Ion	Ratio	Lower	Upper
57	100		
41	88.4	72.8	109.2
43	211.3	177.0	265.6
56	52.6	43.3	64.9



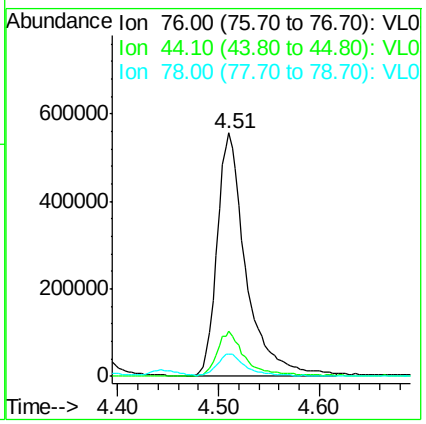


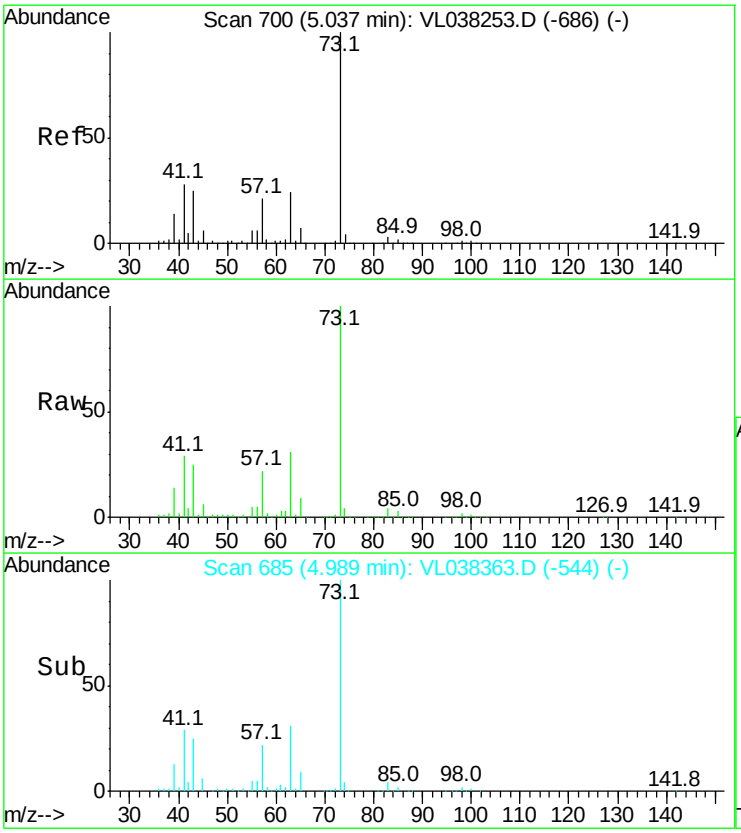
#27
Carbon Disulfide
Concen: 11.46 ppbv
RT: 4.51
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 76 Resp: 1106392

Ion	Ratio	Lower	Upper
76	100		
44	17.6	14.8	22.2
78	9.9	7.9	11.9

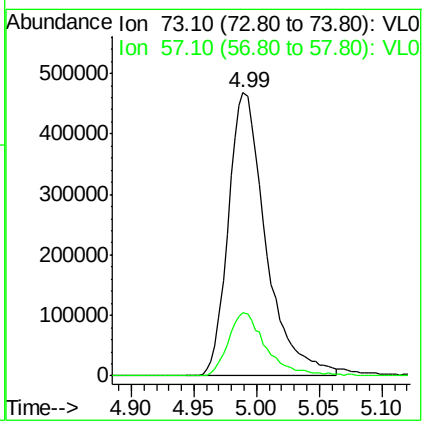


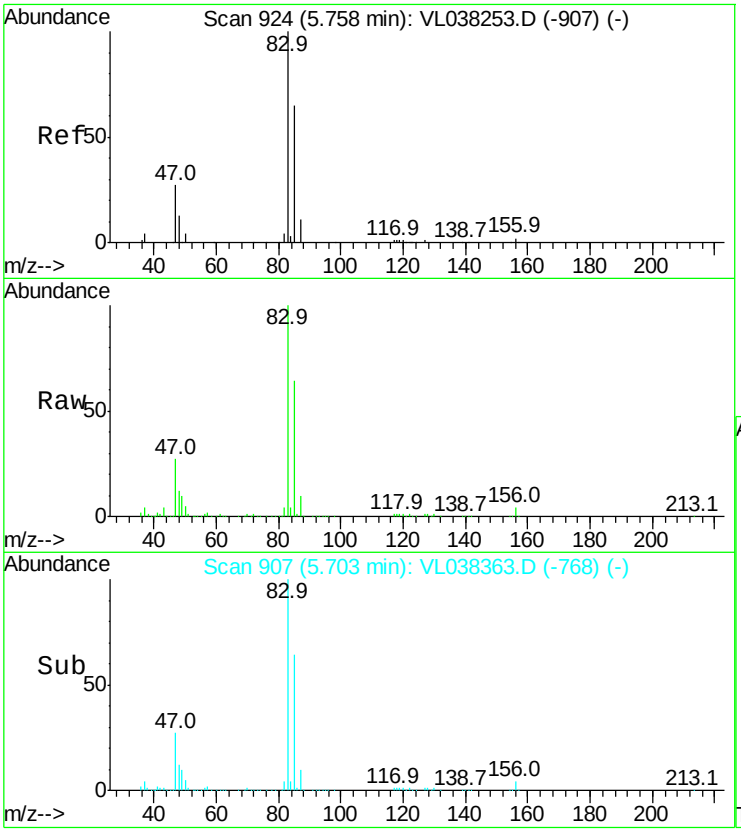


#28
Methyl tert-Butyl Ether
Concen: 11.39 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 73 Resp: 975457

Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.2	27.4



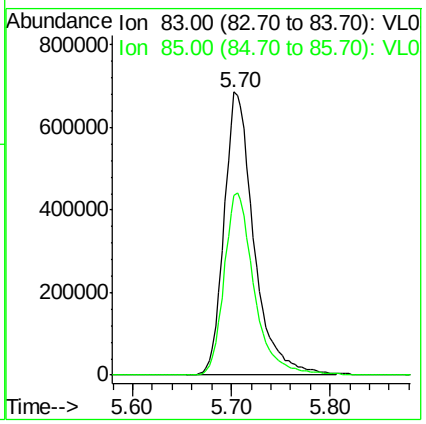


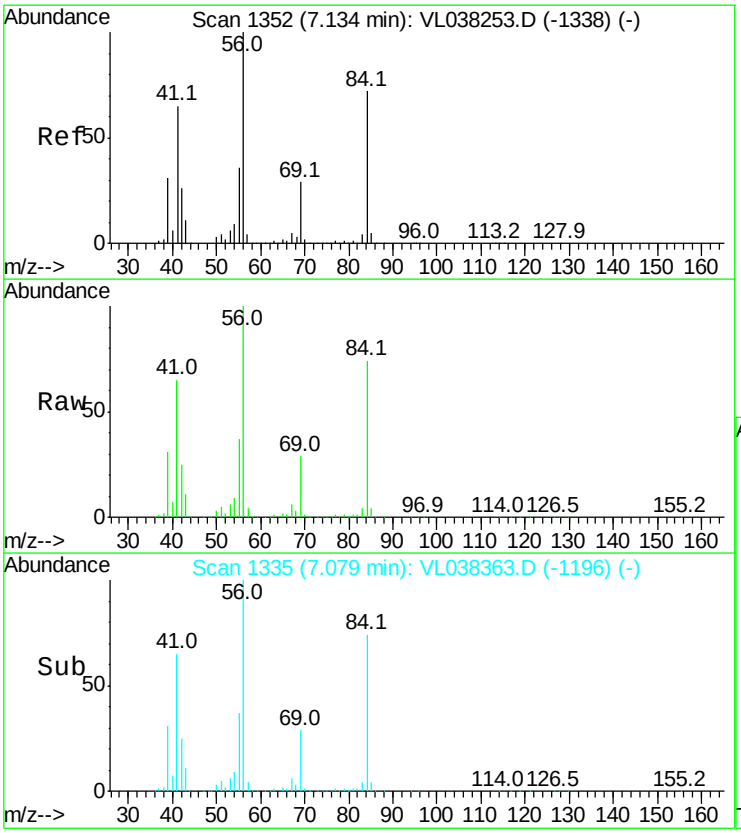
#29
Chloroform
Concen: 10.75 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 1448114

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9

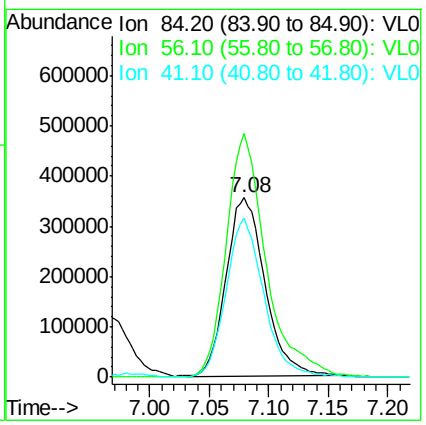


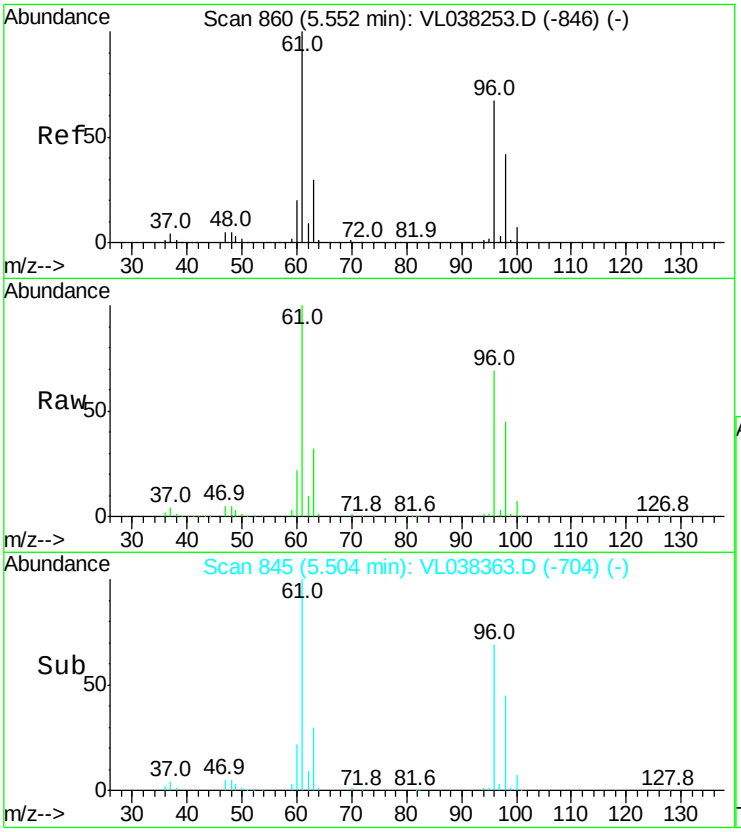


#30
Cyclohexane
Concen: 11.16 ppbv
RT: 7.08 min Scan# 1335
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 84 Resp: 801890

Ion	Ratio	Lower	Upper
84	100		
56	141.2	112.7	169.1
41	87.5	71.1	106.7



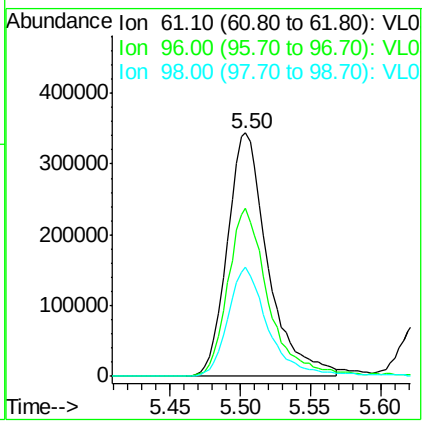


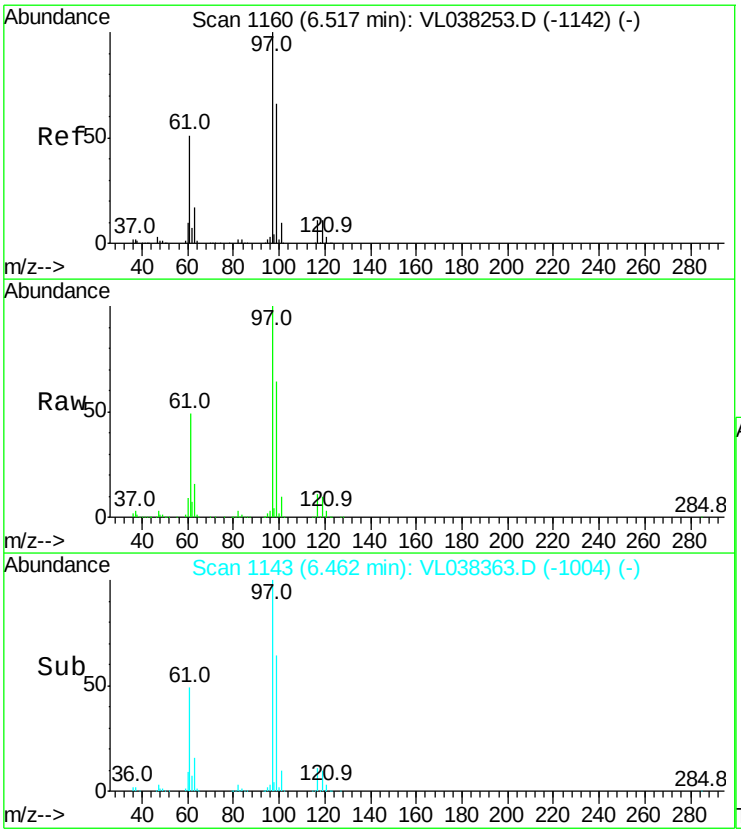
#31
cis-1,2-Dichloroethene
Concen: 9.57 ppbv
RT: 5.50
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 61 Resp: 689084

Ion	Ratio	Lower	Upper
61	100		
96	69.0	53.3	79.9
98	44.6	33.7	50.5

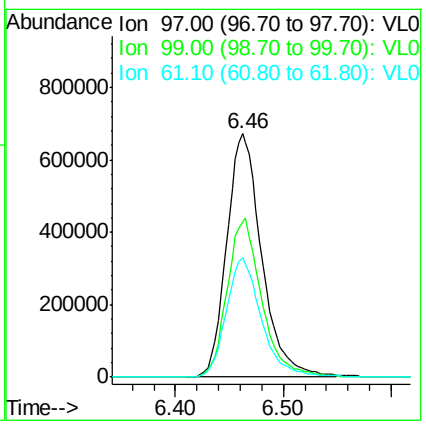


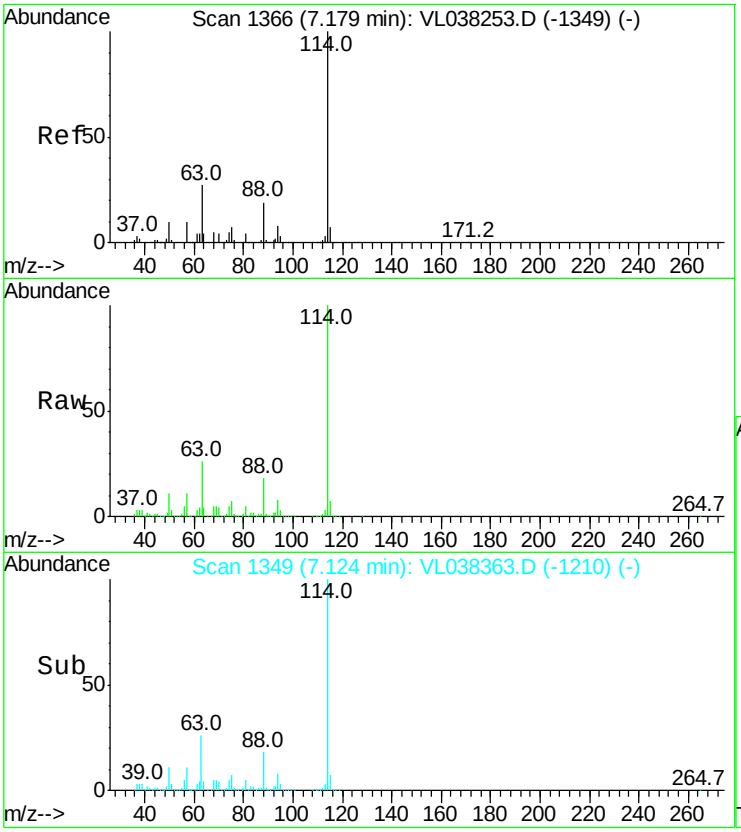


#32
1,1,1-Trichloroethane
Concen: 11.27 ppbv
RT: 6.46 min Scan# 1143
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 97 Resp: 1517032

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	49.3	40.5	60.7



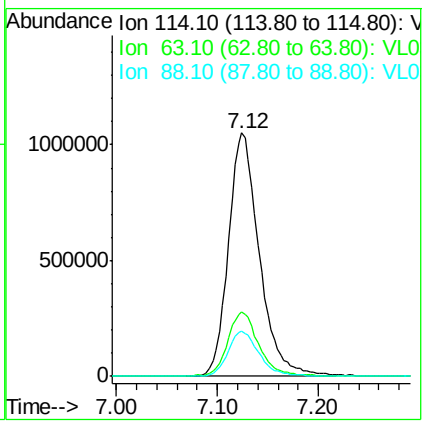


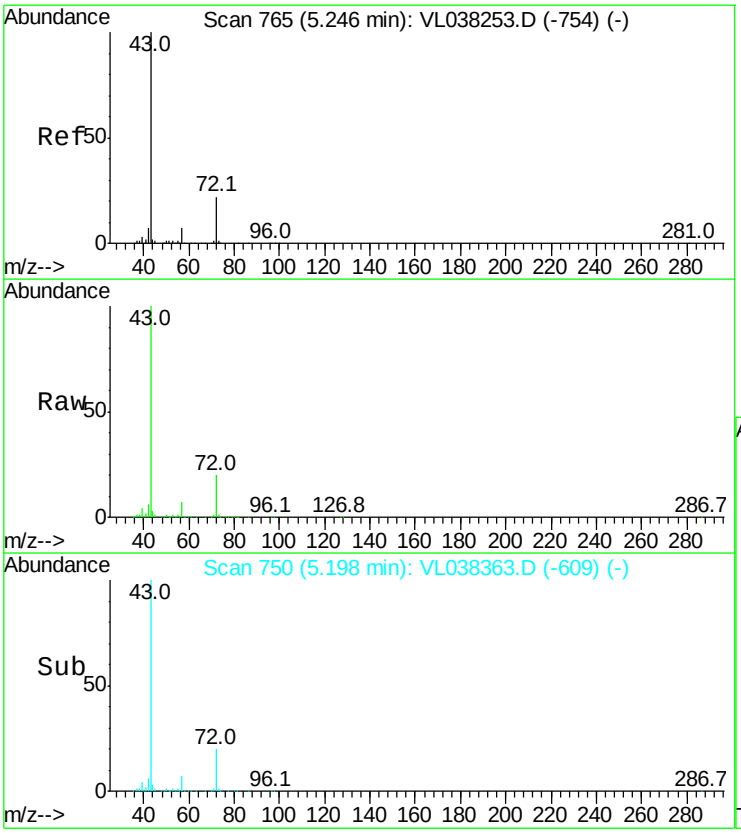
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.12
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:114 Resp: 2243965

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.0	33.0
88	18.7	15.0	22.6

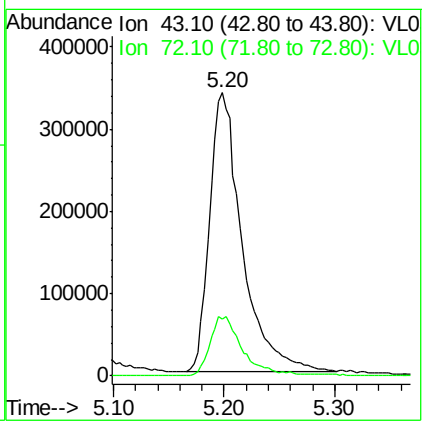


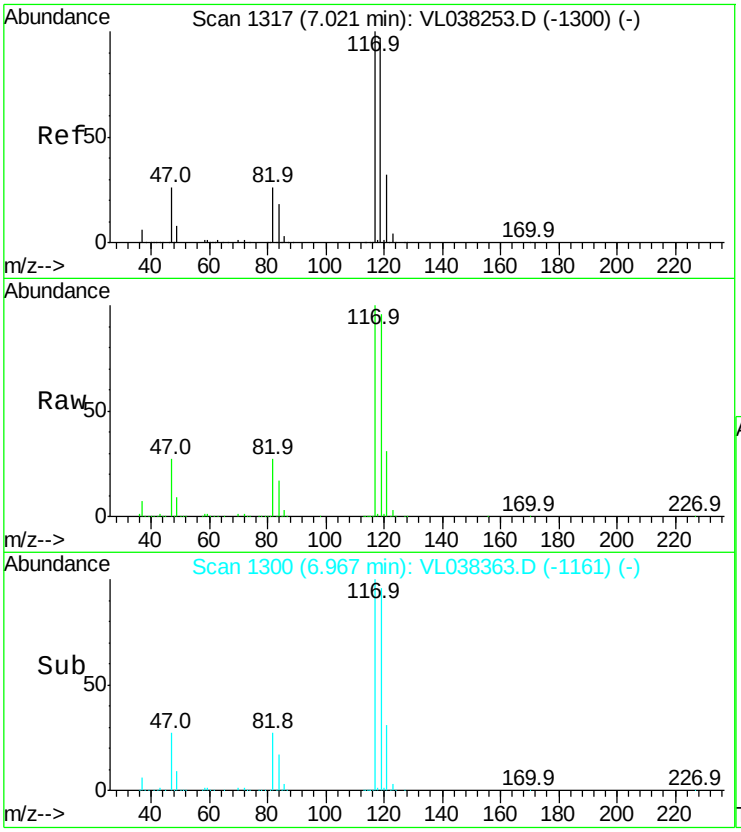


#34
2-Butanone
Concen: 9.40 ppbv
RT: 5.20 min Scan# 750
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 43 Resp: 689599

Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.1	27.1



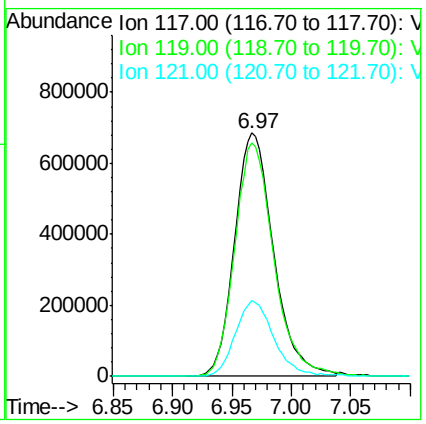


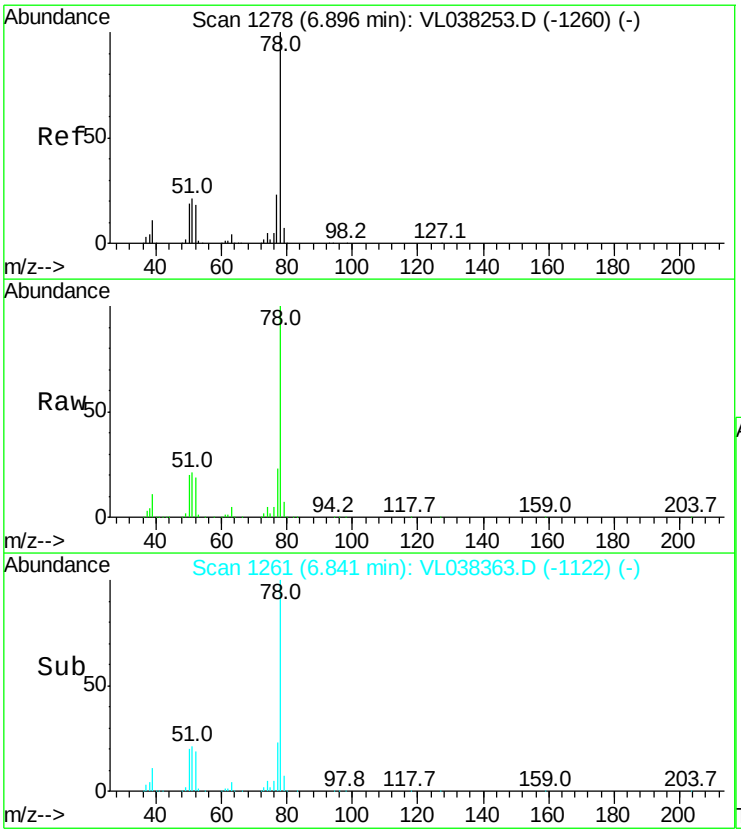
#35
Carbon Tetrachloride
Concen: 9.88 ppbv
RT: 6.97
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:117 Resp: 1555786

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.9	116.9
121	31.0	25.4	38.2

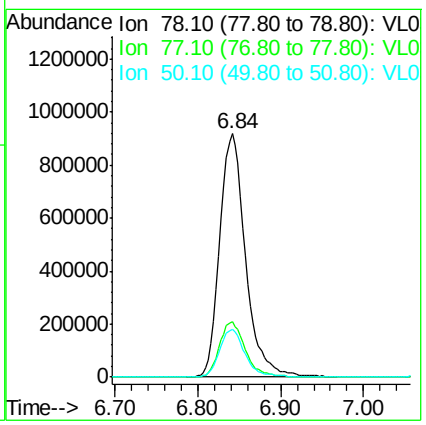


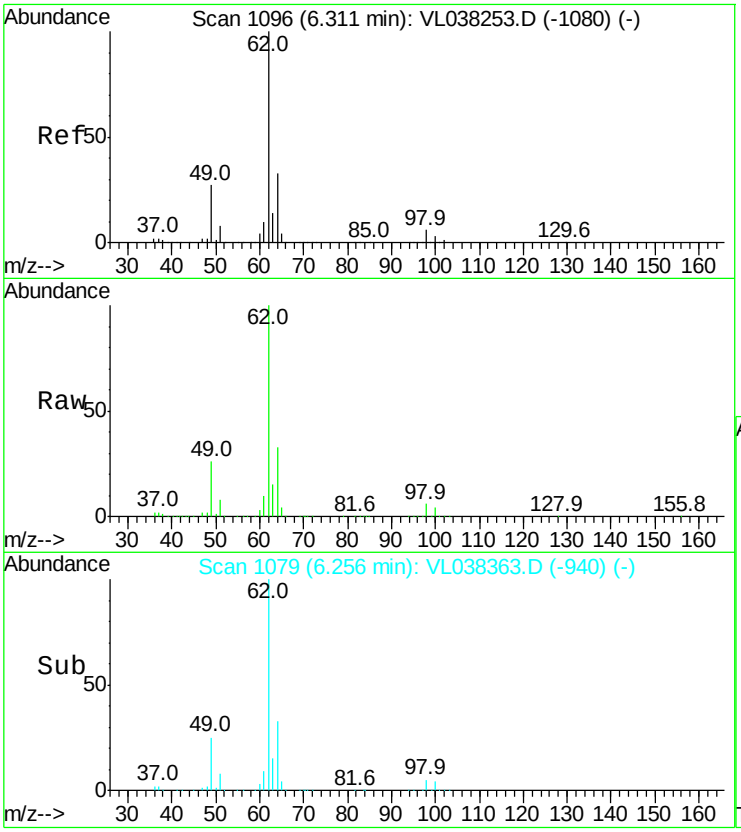


#36
Benzene
Concen: 9.99 ppbv
RT: 6.84 min Scan# 1261
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 78 Resp: 1983548

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.2	27.2
50	19.5	15.1	22.7



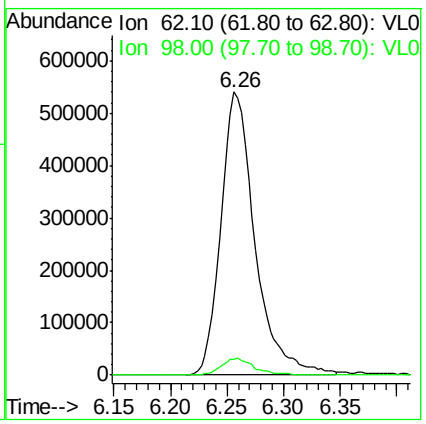


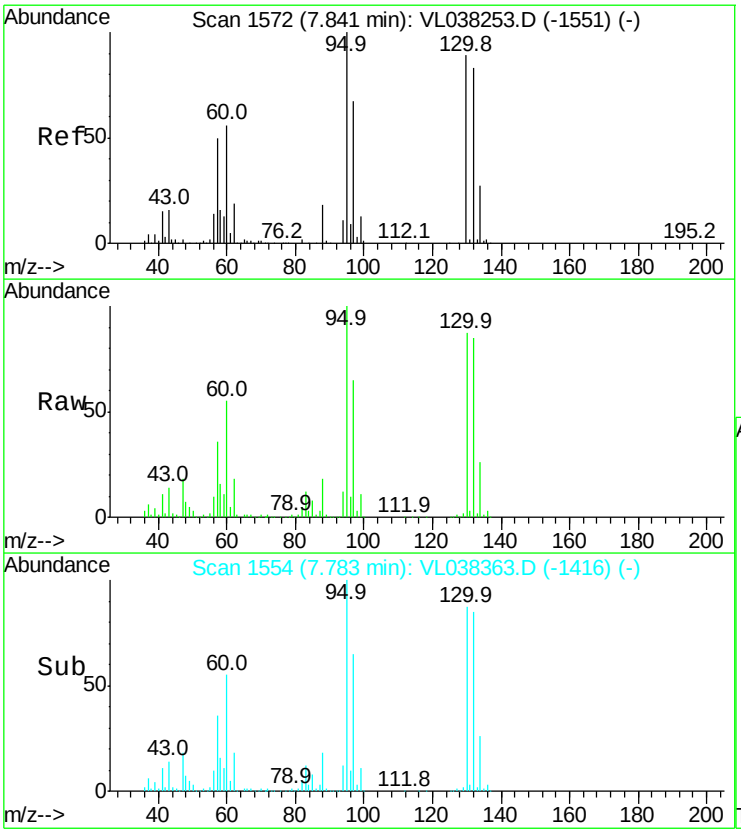
#37
1,2-Dichloroethane
Concen: 9.93 ppbv
RT: 6.26
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 1128956

Ion	Ratio	Lower	Upper
62	100		
98	6.1	4.5	6.7

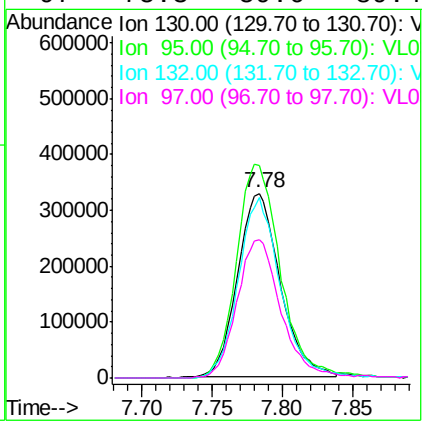


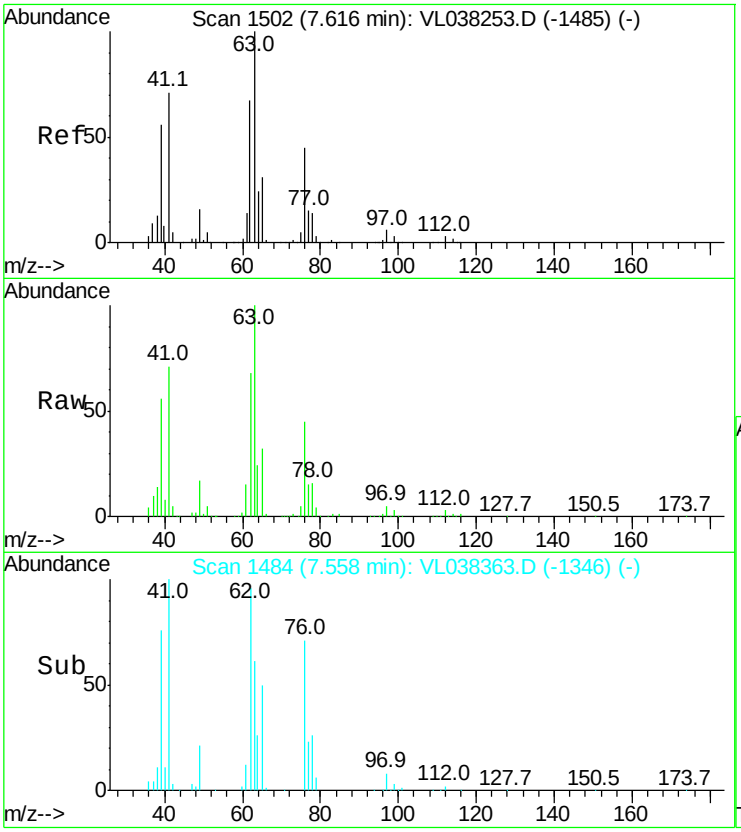


#38
Trichloroethene
Concen: 9.47 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:130 Resp: 699977

Ion	Ratio	Lower	Upper
130	100		
95	115.1	89.4	134.2
132	97.7	74.6	111.8
97	75.3	59.6	89.4



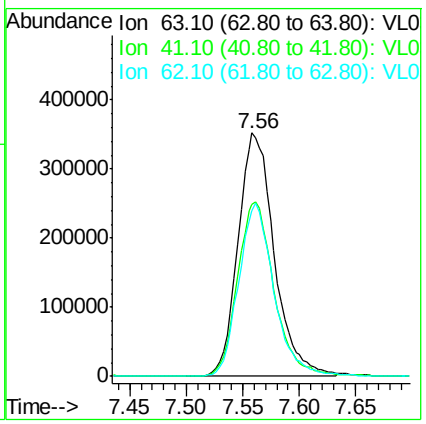


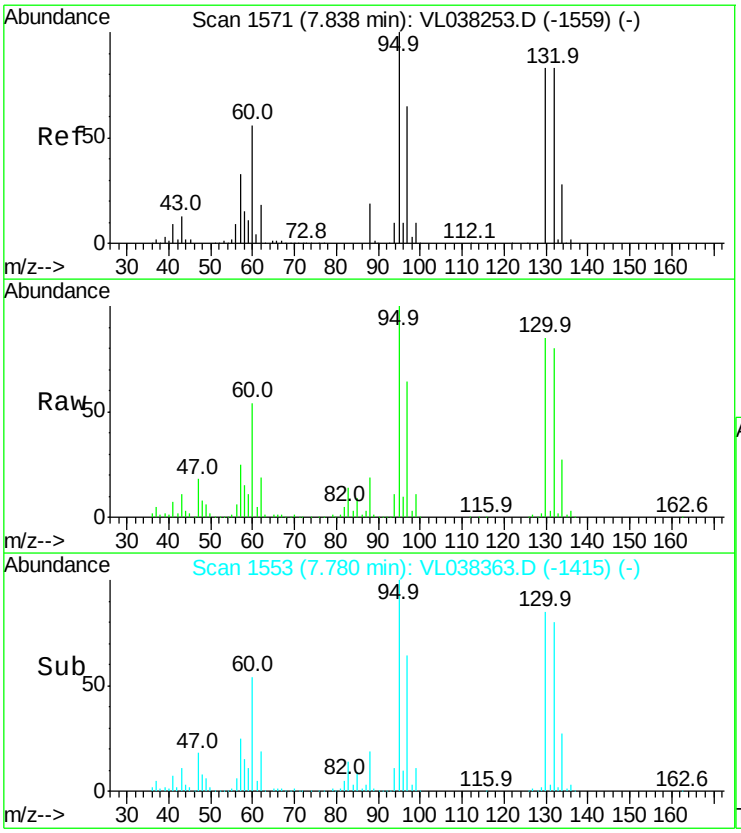
#39
1,2-Dichloropropane
Concen: 9.75 ppbv
RT: 7.56
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 63 Resp: 784302

Ion	Ratio	Lower	Upper
63	100		
41	70.8	56.6	85.0
62	67.9	53.9	80.9

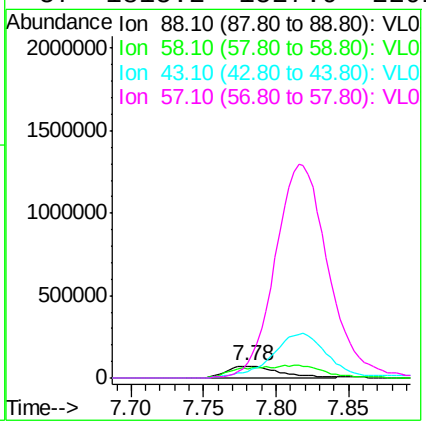


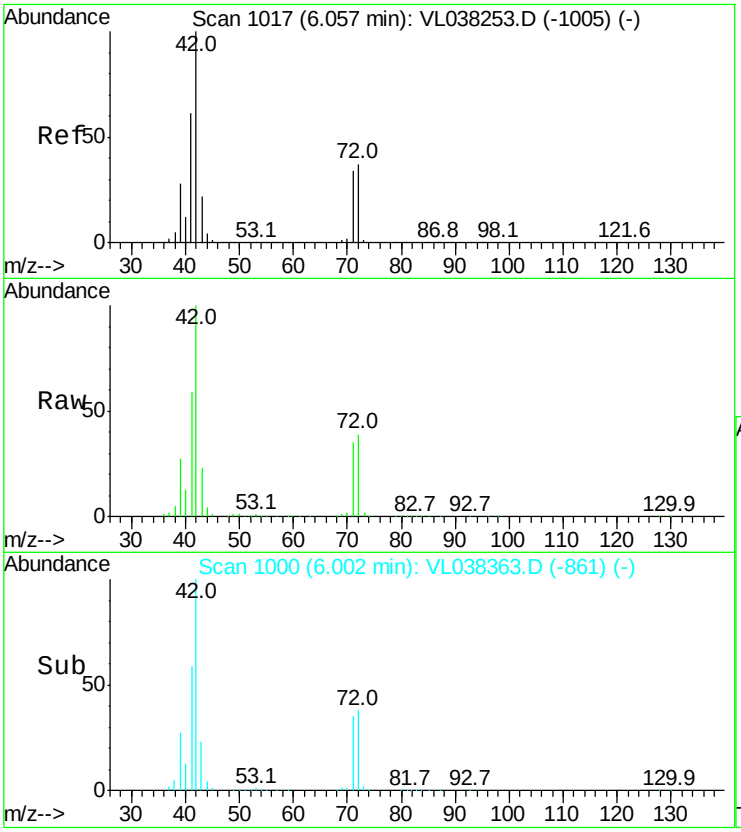


#40
1,4-Dioxane
Concen: 9.50 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 88 Resp: 183956

Ion	Ratio	Lower	Upper
88	100		
58	167.4	138.6	208.0
43	407.6	346.9	520.3
57	1815.2	1527.9	2291.9



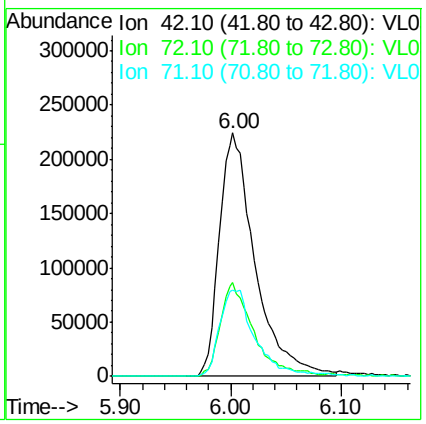


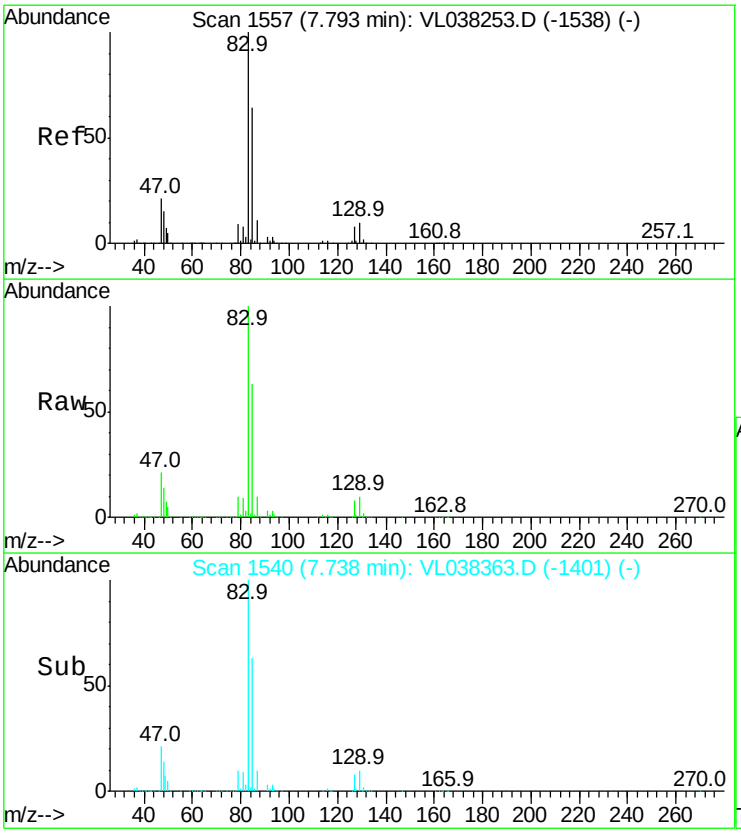
#41
Tetrahydrofuran
Concen: 10.15 ppbv
RT: 6.00
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 42 Resp: 500830

Ion	Ratio	Lower	Upper
42	100		
72	37.1	29.7	44.5
71	36.0	29.4	44.2

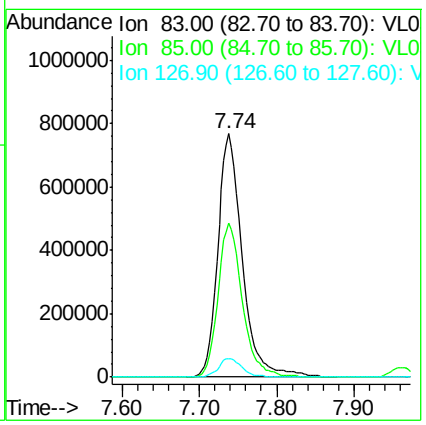


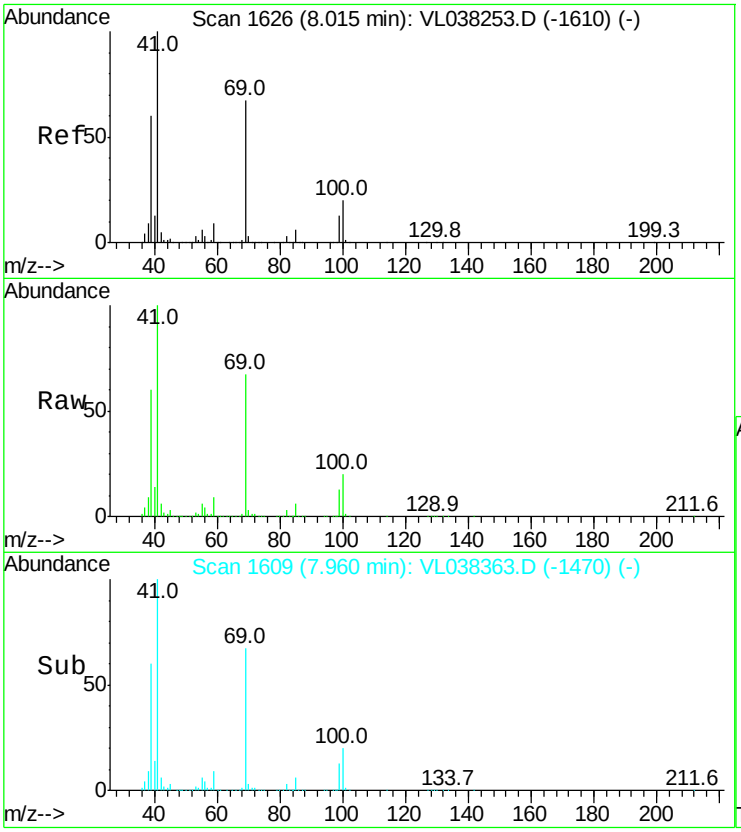


#42
Bromodichloromethane
Concen: 10.04 ppbv
RT: 7.74 min Scan# 1540
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 83 Resp: 1694247

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3
127	7.6	6.2	9.4



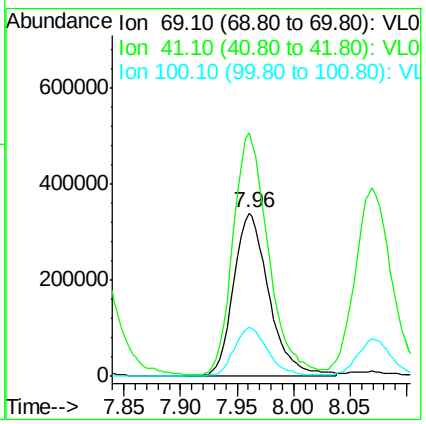


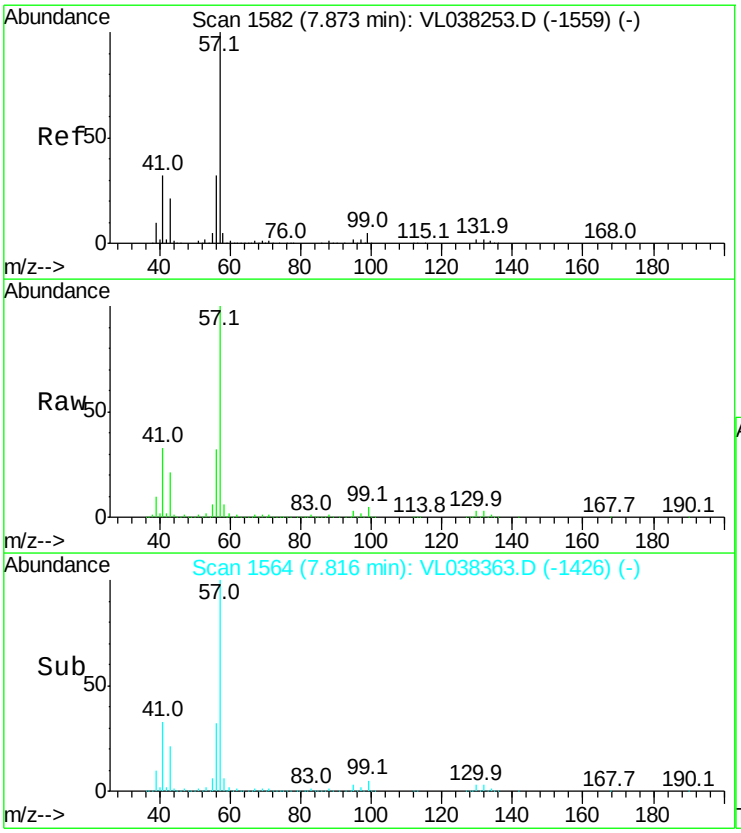
#43
Methyl Methacrylate
Concen: 10.56 ppbv
RT: 7.96
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 69 Resp: 741246

Ion	Ratio	Lower	Upper
69	100		
41	149.8	120.9	181.3
100	28.8	23.4	35.0

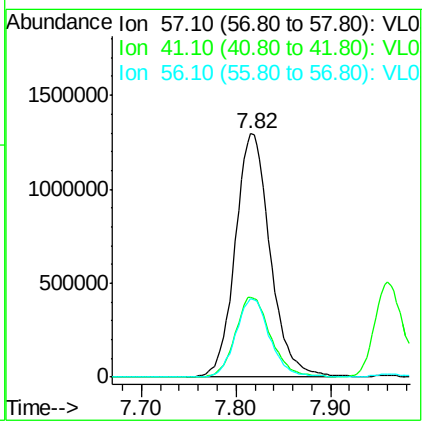


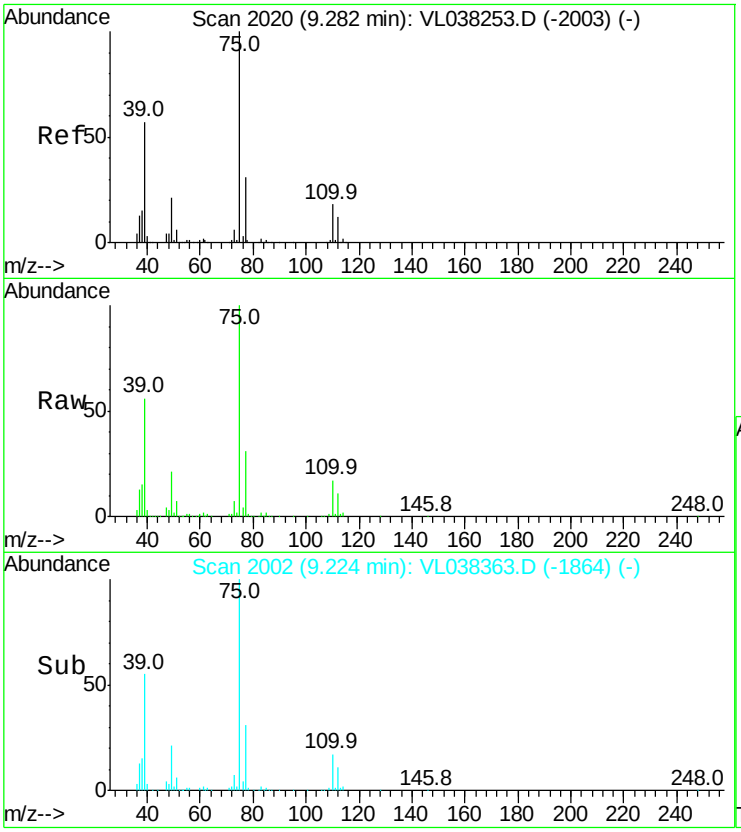


#44
2,2,4-Trimethylpentane
Concen: 9.51 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 57 Resp: 3325642

Ion	Ratio	Lower	Upper
57	100		
41	33.2	26.3	39.5
56	31.5	25.2	37.8



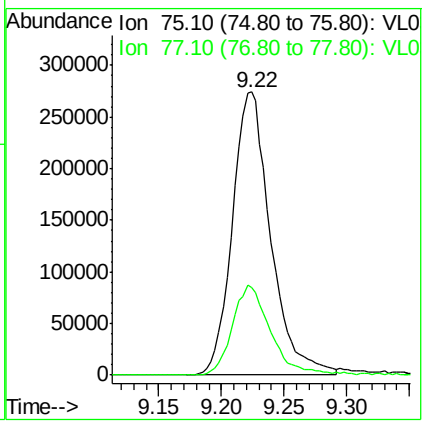


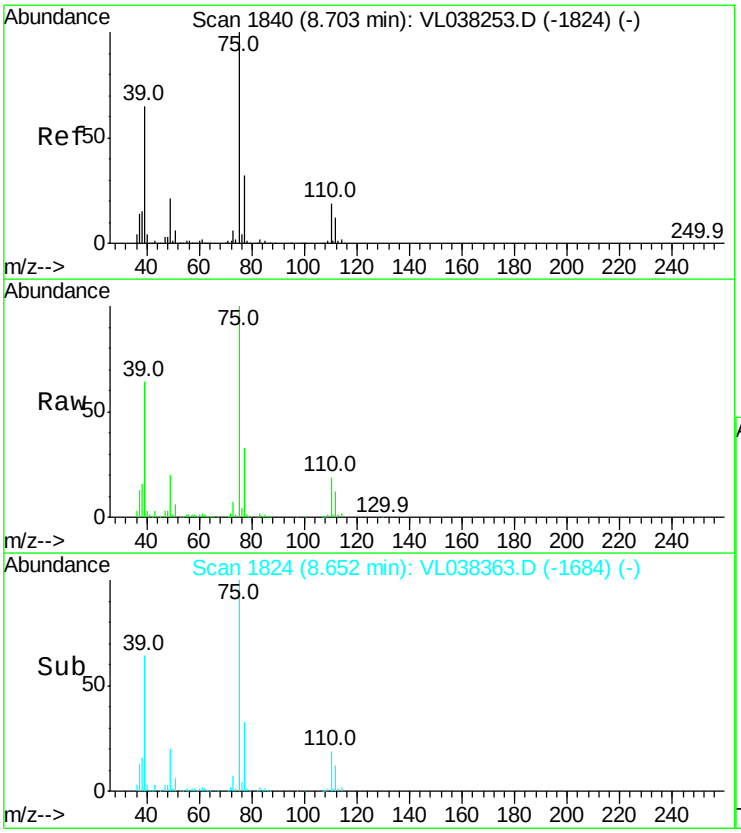
#45
t-1,3-Dichloropropene
Concen: 10.15 ppbv
RT: 9.22
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 579069

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.9	37.3

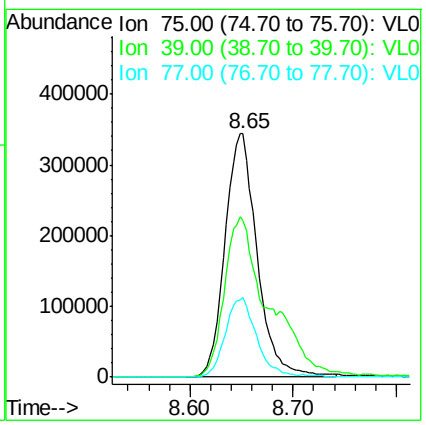


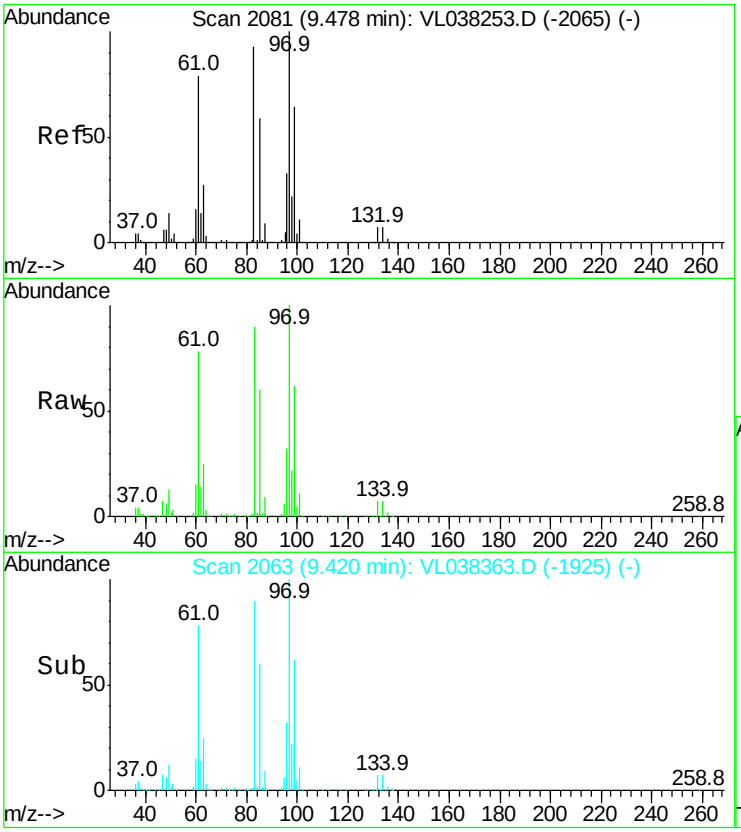


#46
cis-1,3-Dichloropropene
Concen: 9.80 ppbv
RT: 8.65 min Scan# 1824
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 75 Resp: 746111

Ion	Ratio	Lower	Upper
75	100		
39	64.2	52.3	78.5
77	32.8	25.4	38.0



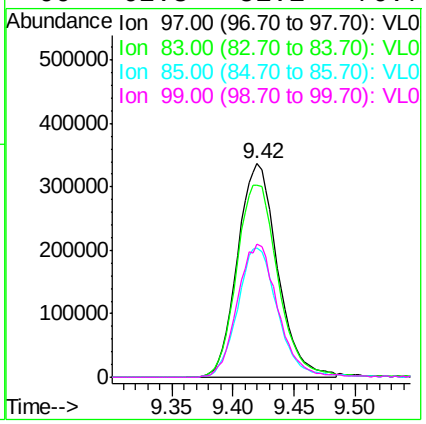


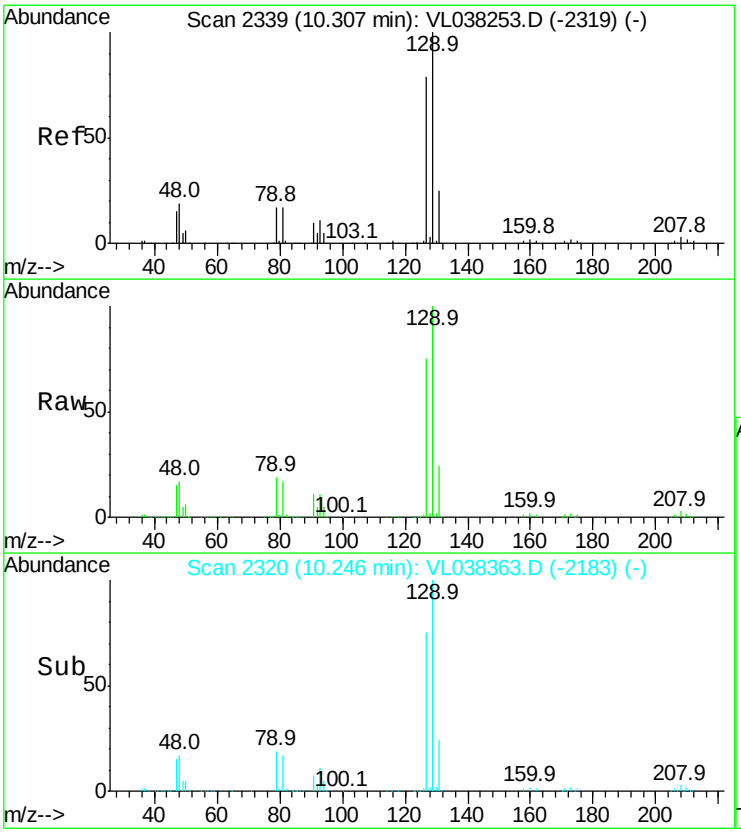
#47
1,1,2-Trichloroethane
Concen: 9.65 ppbv
RT: 9.42
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 97 Resp: 763193

Ion	Ratio	Lower	Upper
97	100		
83	90.0	74.3	111.5
85	60.3	47.5	71.3
99	62.3	51.1	76.7

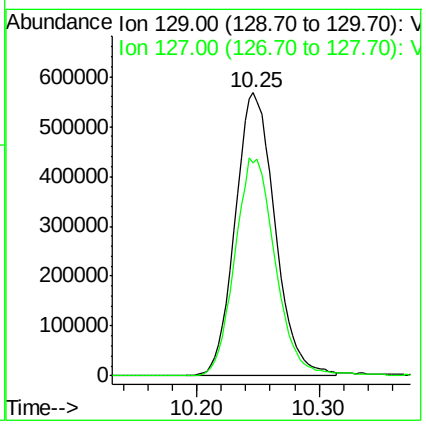


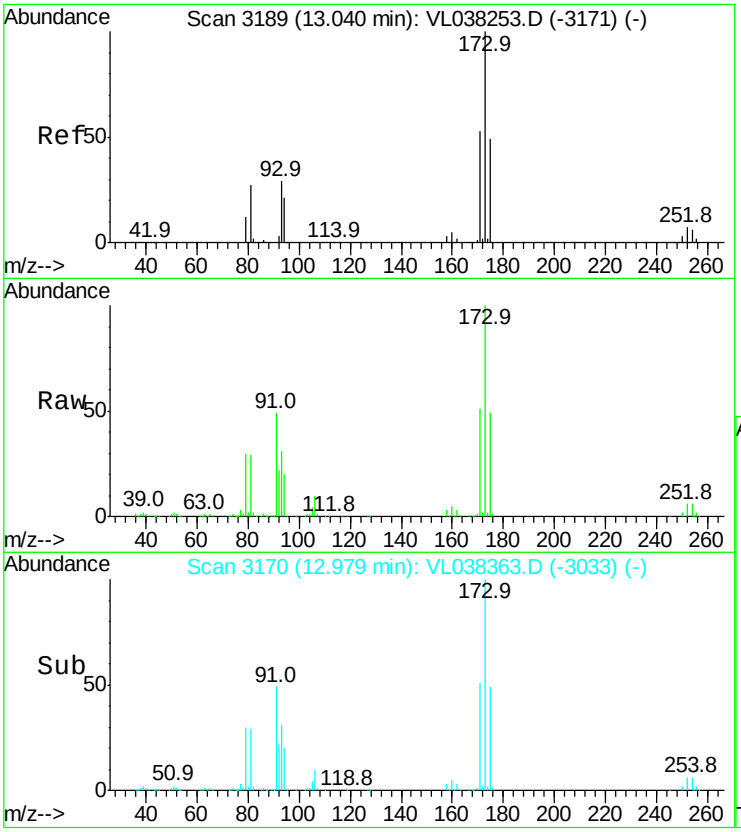


#48
Dibromochloromethane
Concen: 9.64 ppbv
RT: 10.25 min Scan# 2320
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:129 Resp: 1282797

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.3



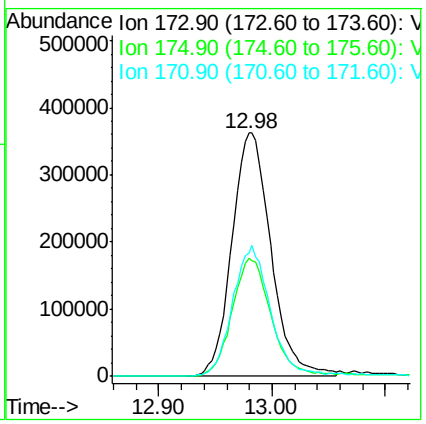


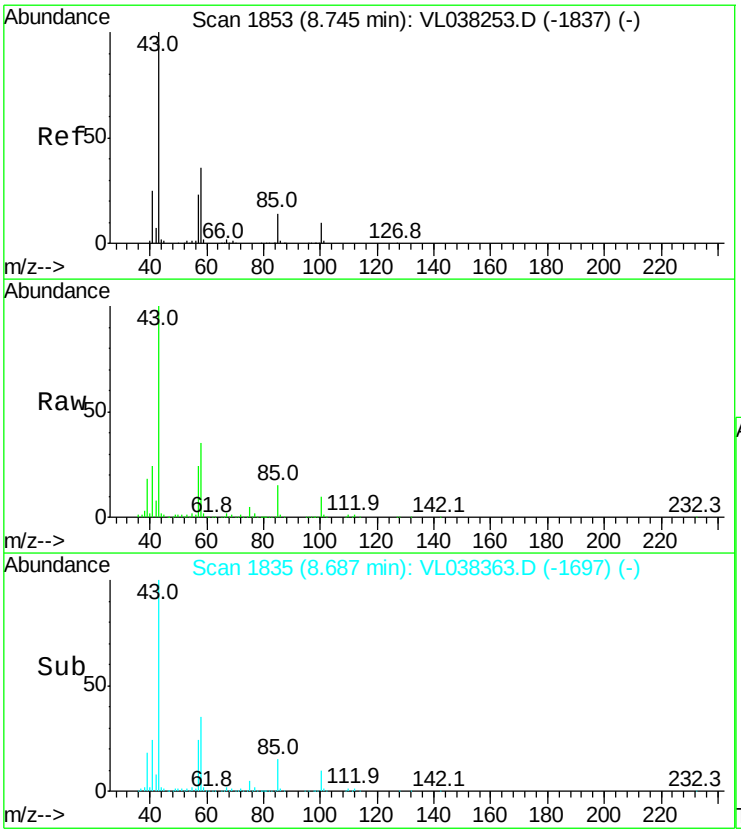
#49
Bromoform
Concen: 9.10 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:173 Resp: 873192

Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.7	59.5
171	52.9	42.1	63.1

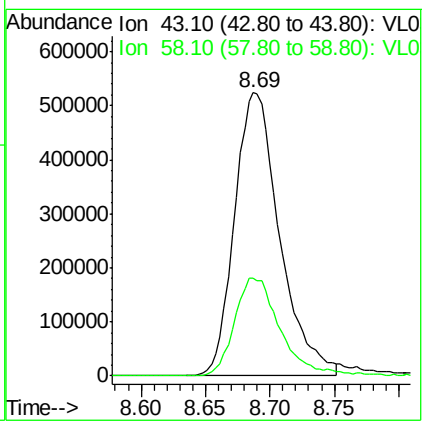


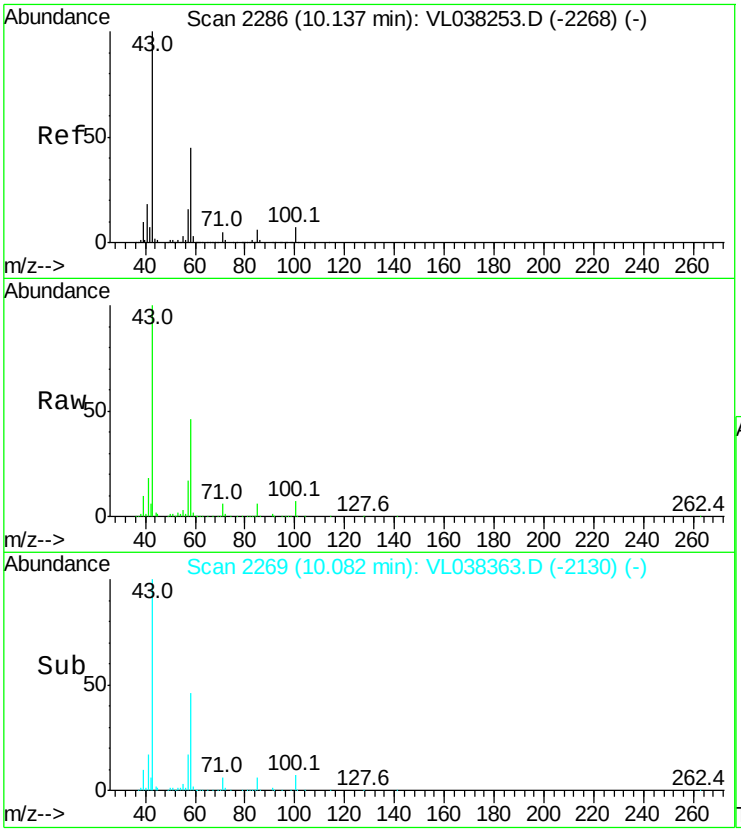


#50
4-Methyl-2-Pentanone
Concen: 9.74 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 43 Resp: 1275108

Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.2	42.4



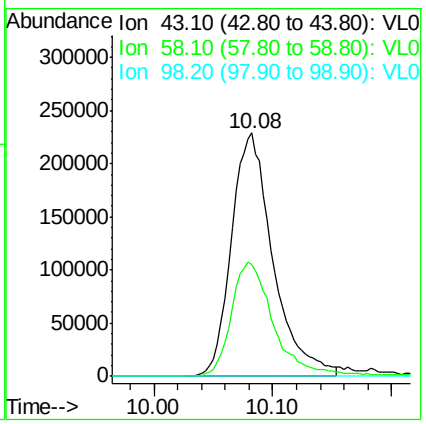


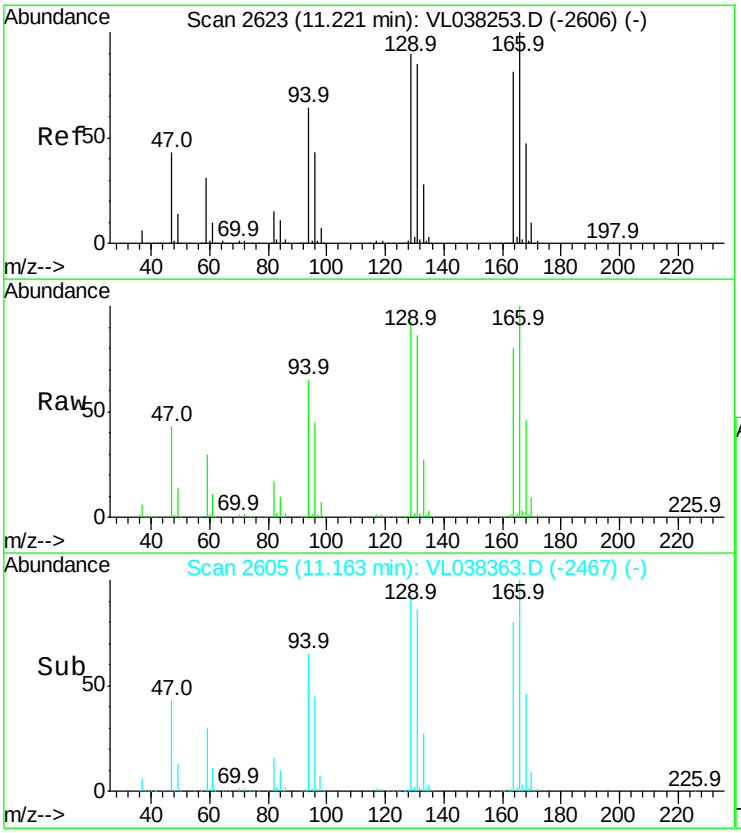
#51
2-Hexanone
Concen: 9.56 ppbv
RT: 10.08
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 551173

Ion	Ratio	Lower	Upper
43	100		
58	48.4	37.0	55.4
98	0.3	0.2	0.2#

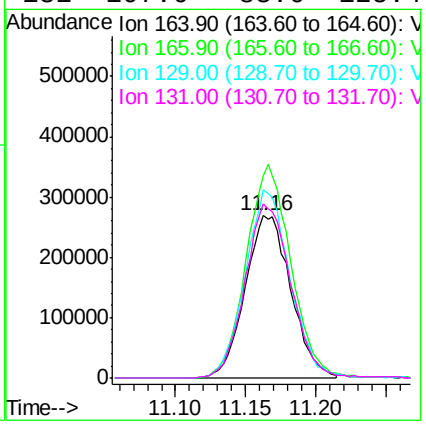


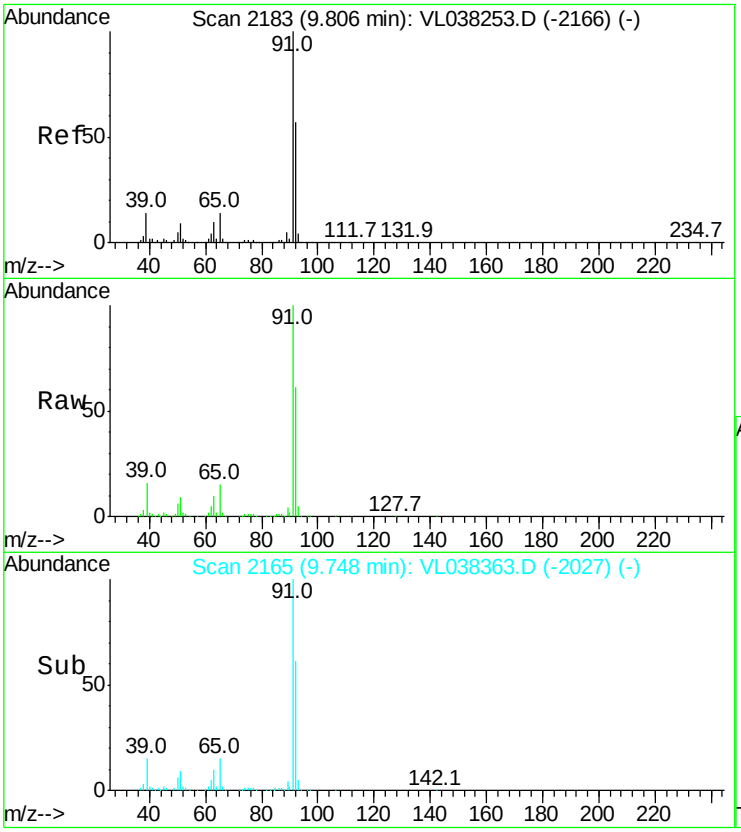


#52
Tetrachloroethene
Concen: 8.90 ppbv
RT: 11.16 min Scan# 2605
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:164 Resp: 609156

Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.8	148.2
129	115.7	89.2	133.8
131	107.6	83.6	125.4



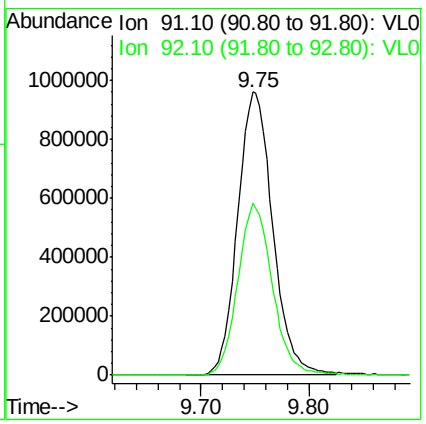


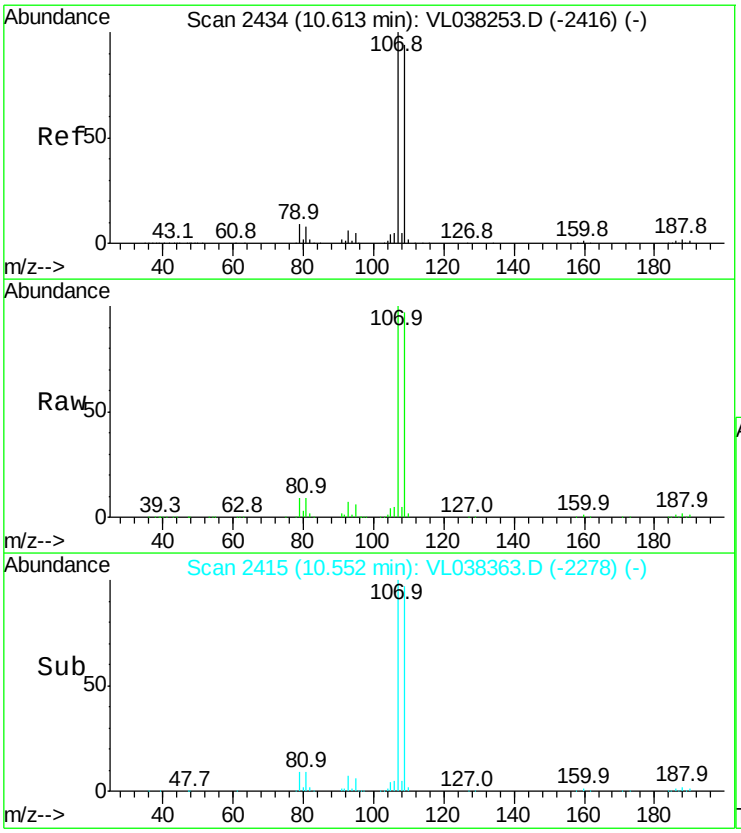
#53
Toluene
Concen: 9.88 ppbv
RT: 9.75
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 2170360

Ion	Ratio	Lower	Upper
91	100		
92	60.1	47.4	71.0

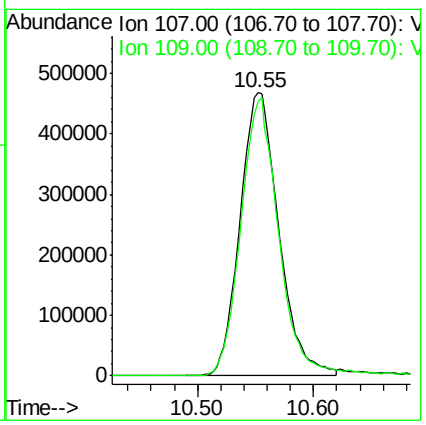


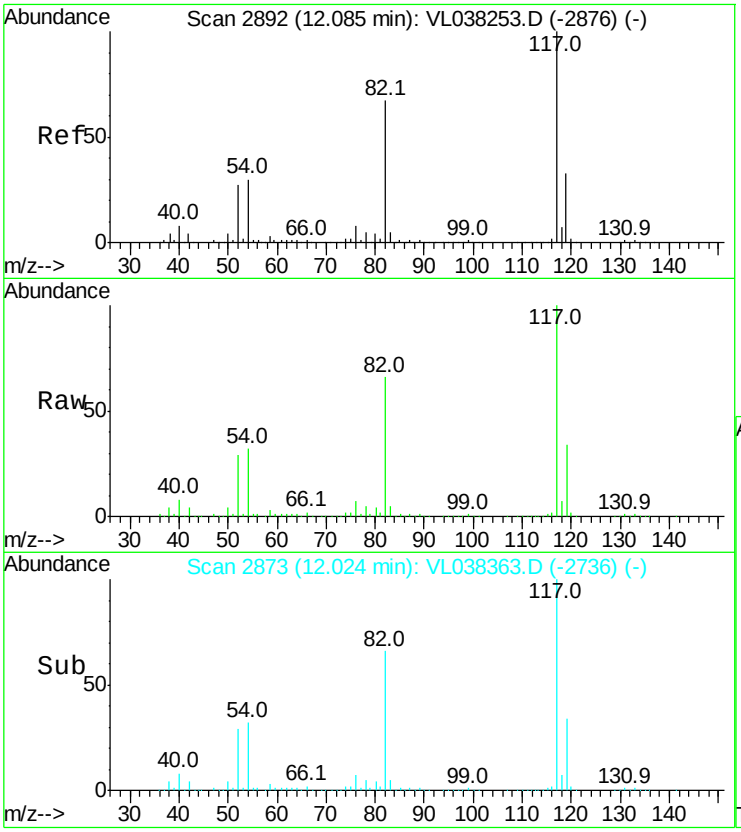


#54
1,2-Dibromoethane
Concen: 9.70 ppbv
RT: 10.55 min Scan# 2415
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:107 Resp: 1090146

Ion	Ratio	Lower	Upper
107	100		
109	97.1	75.4	113.0



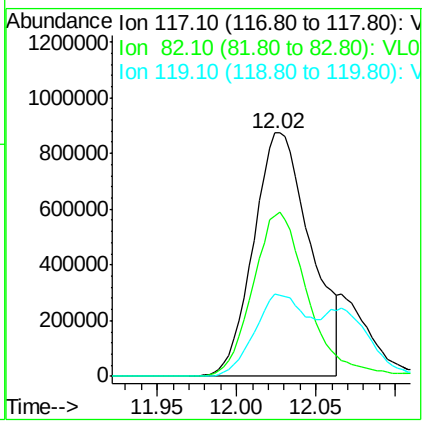


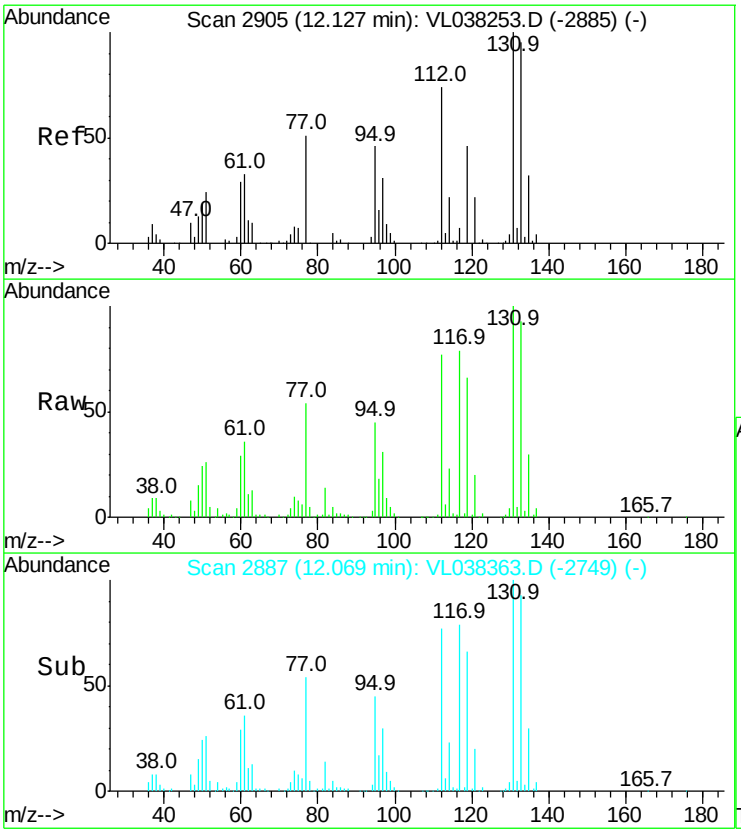
#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.02
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:117 Resp: 2179527

Ion	Ratio	Lower	Upper
117	100		
82	66.5	54.4	81.6
119	55.2	45.9	68.9

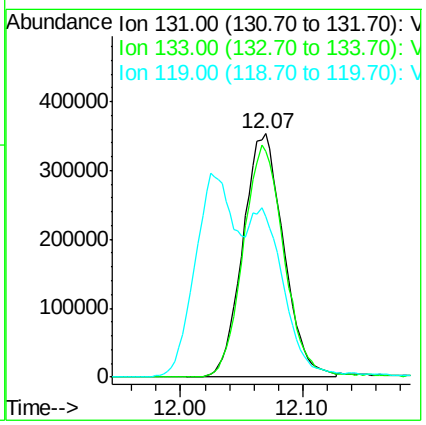


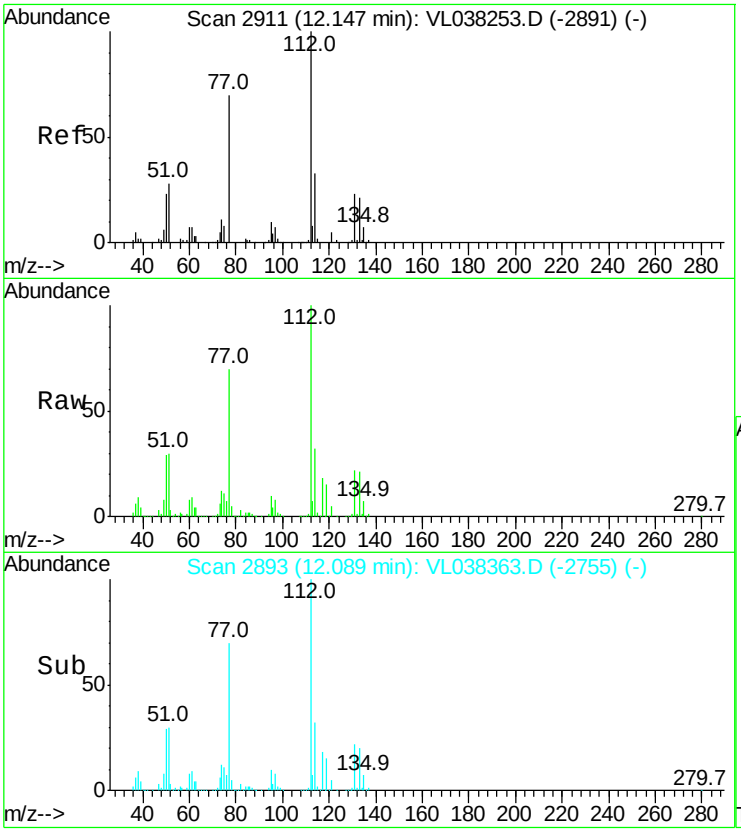


#56
1,1,1,2-Tetrachloroethane
Concen: 8.55 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:131 Resp: 815526

Ion	Ratio	Lower	Upper
131	100		
133	96.9	76.0	114.0
119	64.1	53.0	79.4



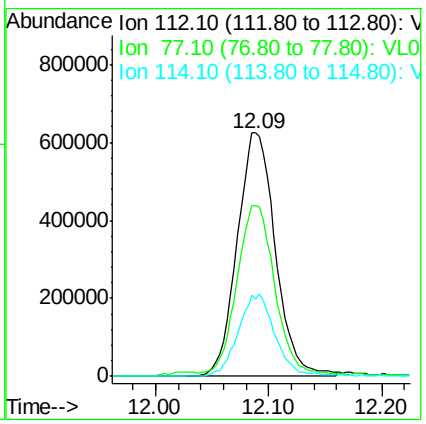


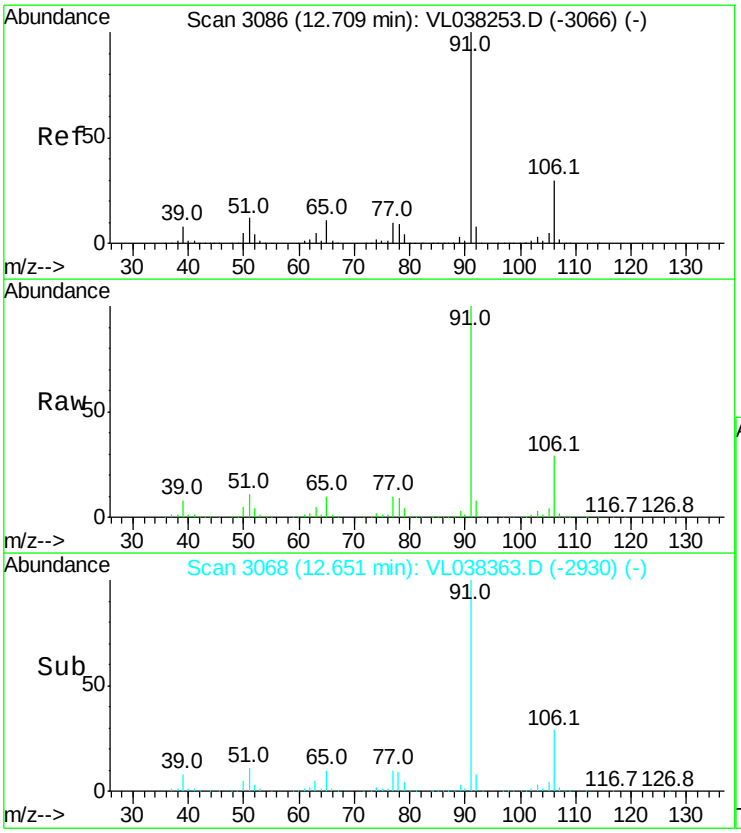
#57
Chlorobenzene
Concen: 8.42 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:112 Resp: 1468629

Ion	Ratio	Lower	Upper
112	100		
77	68.8	55.9	83.9
114	31.8	29.3	35.9

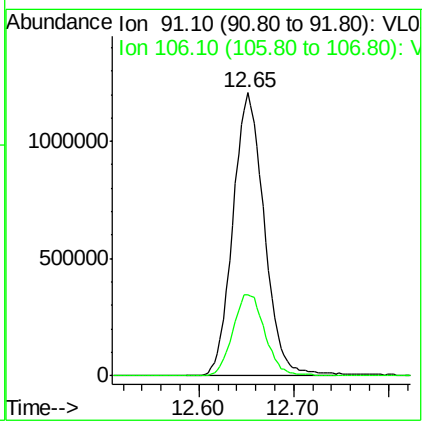


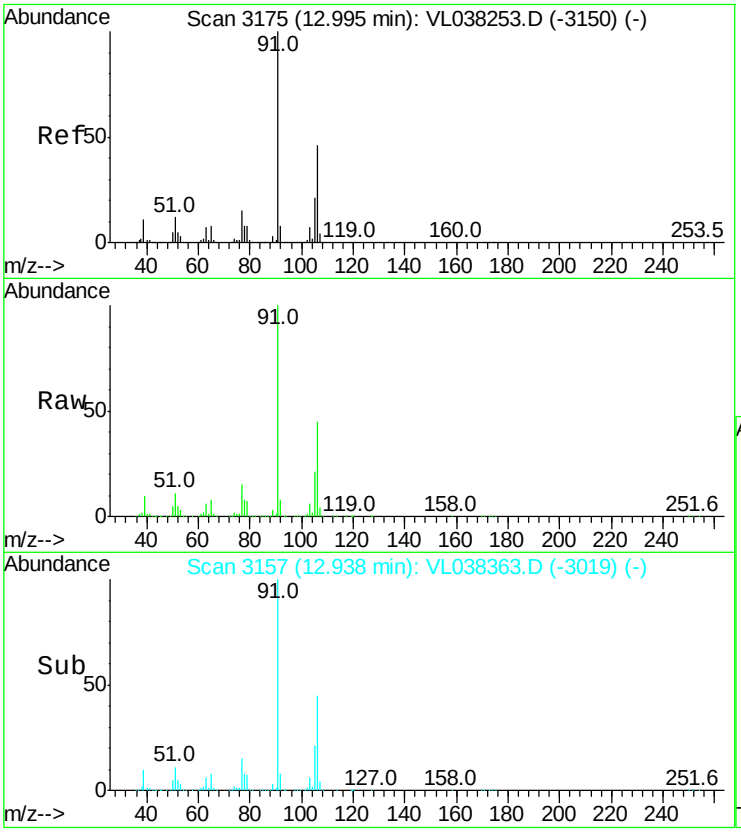


#58
Ethyl Benzene
Concen: 8.70 ppbv
RT: 12.65 min Scan# 3068
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 91 Resp: 2786730

Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.1	36.1



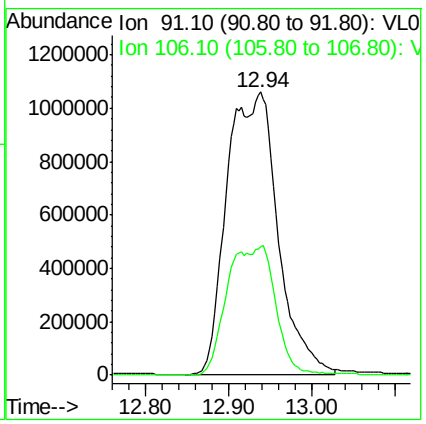


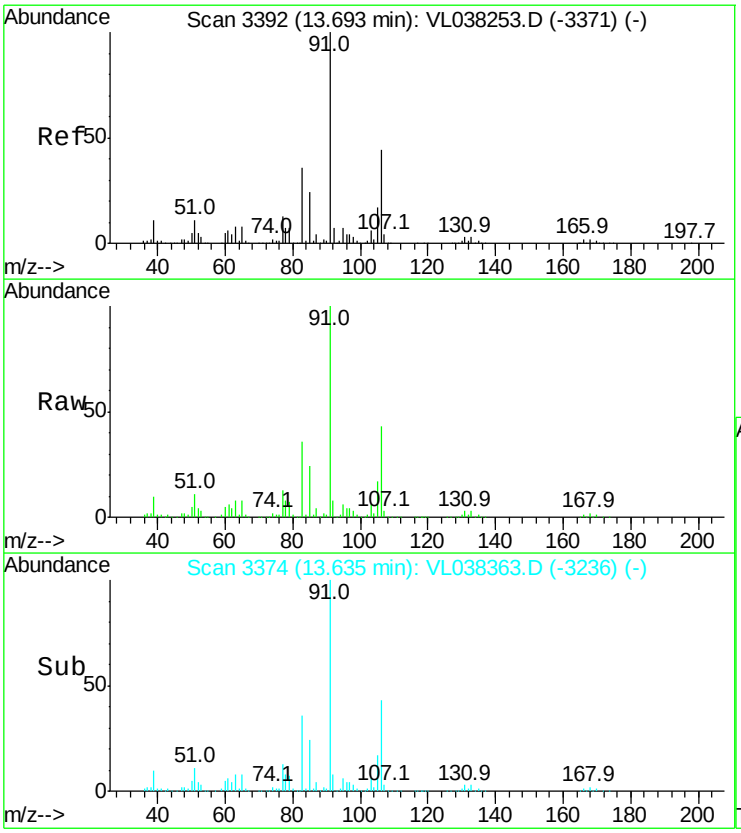
#59
m/p-Xylene
Concen: 16.60 ppbv m
RT: 12.94
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 4537260

Ion	Ratio	Lower	Upper
91	100		
106	43.8	34.8	52.2

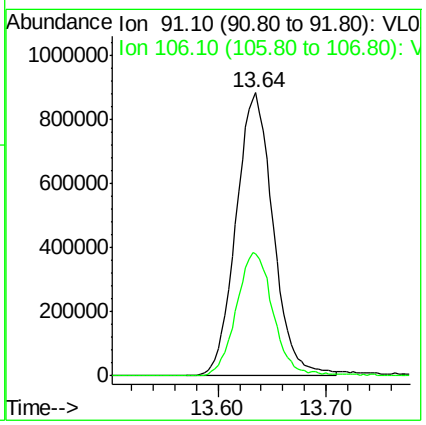


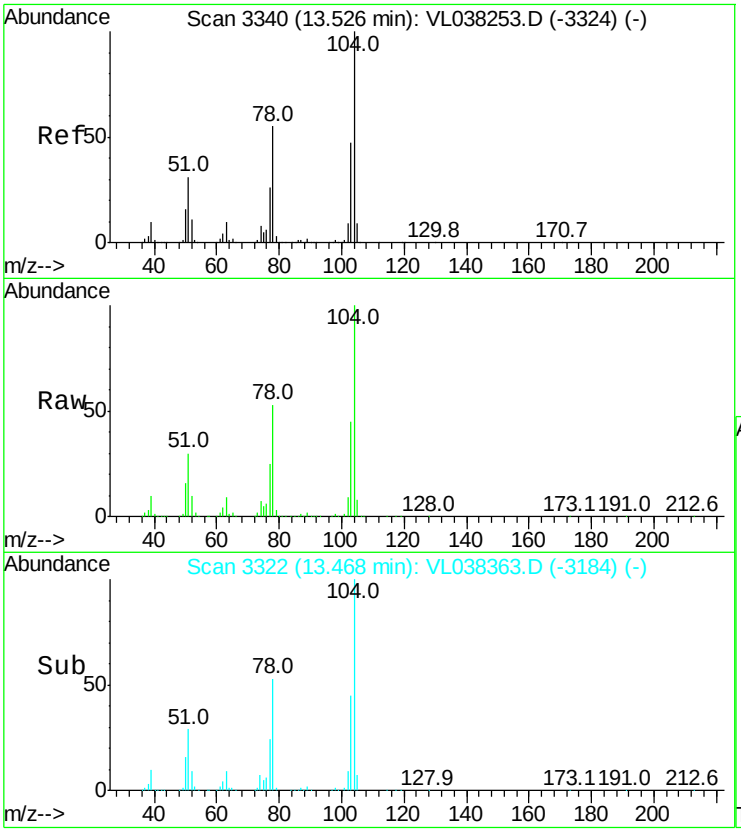


#60
o-Xylene
Concen: 8.31 ppbv
RT: 13.64 min Scan# 3374
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 91 Resp: 2112021

Ion	Ratio	Lower	Upper
91	100		
106	44.2	22.2	66.6



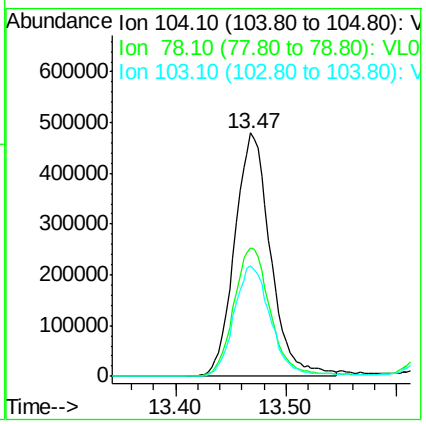


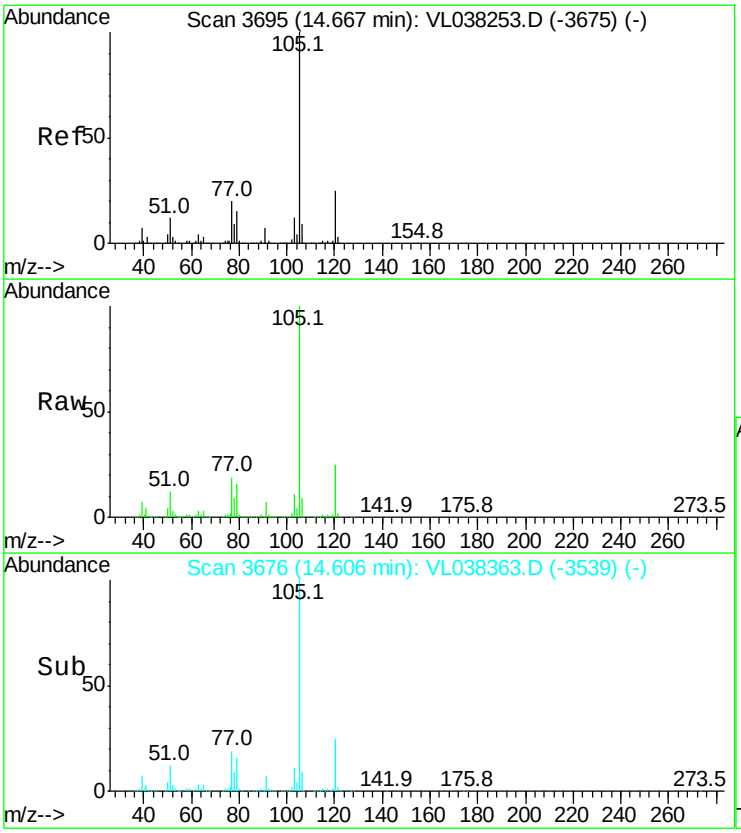
#61
Styrene
Concen: 9.09 ppbv
RT: 13.47
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:104 Resp: 1078324

Ion	Ratio	Lower	Upper
104	100		
78	54.4	44.2	66.4
103	47.3	38.2	57.4

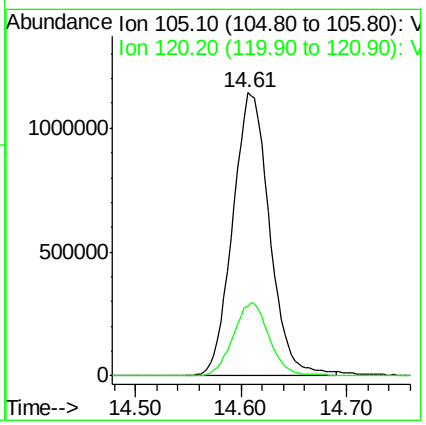


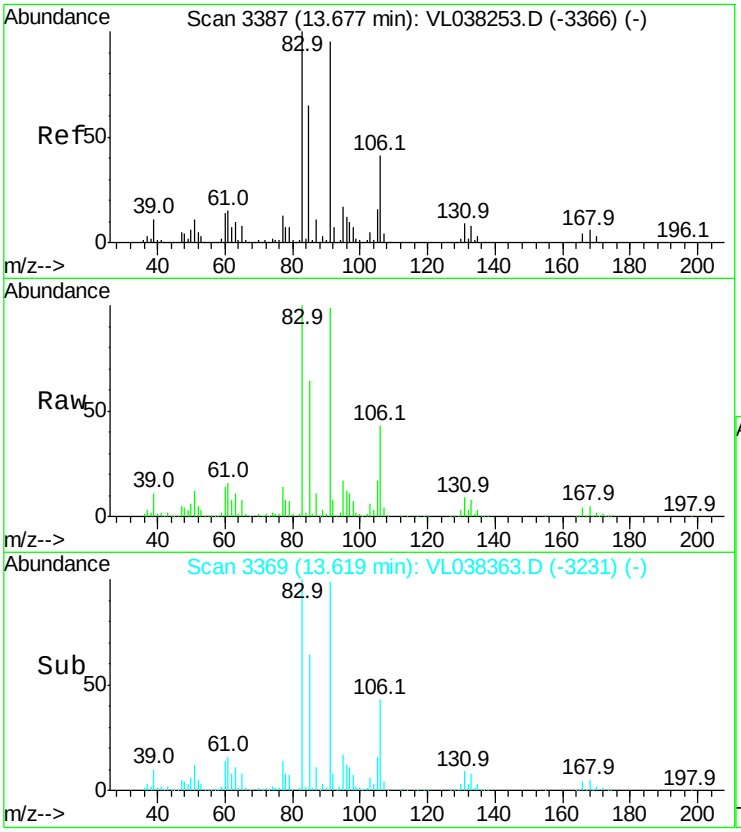


#62
Isopropylbenzene
Concen: 8.19 ppbv
RT: 14.61 min Scan# 3676
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:105 Resp: 2776563

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7



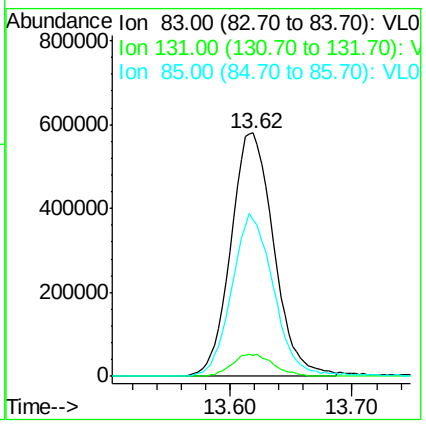


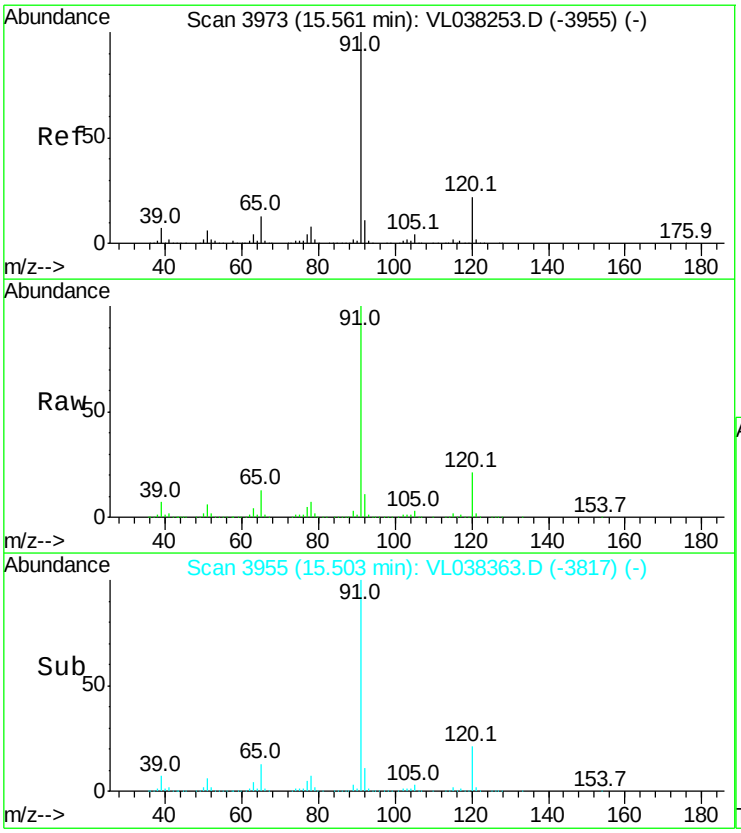
#63
1,1,2,2-Tetrachloroethane
Concen: 7.43 ppbv
RT: 13.62
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 1397809

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.5
85	66.6	32.8	98.4

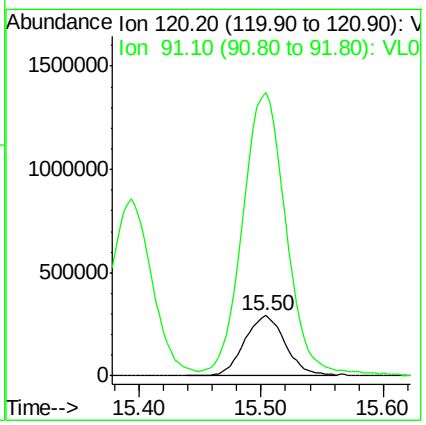


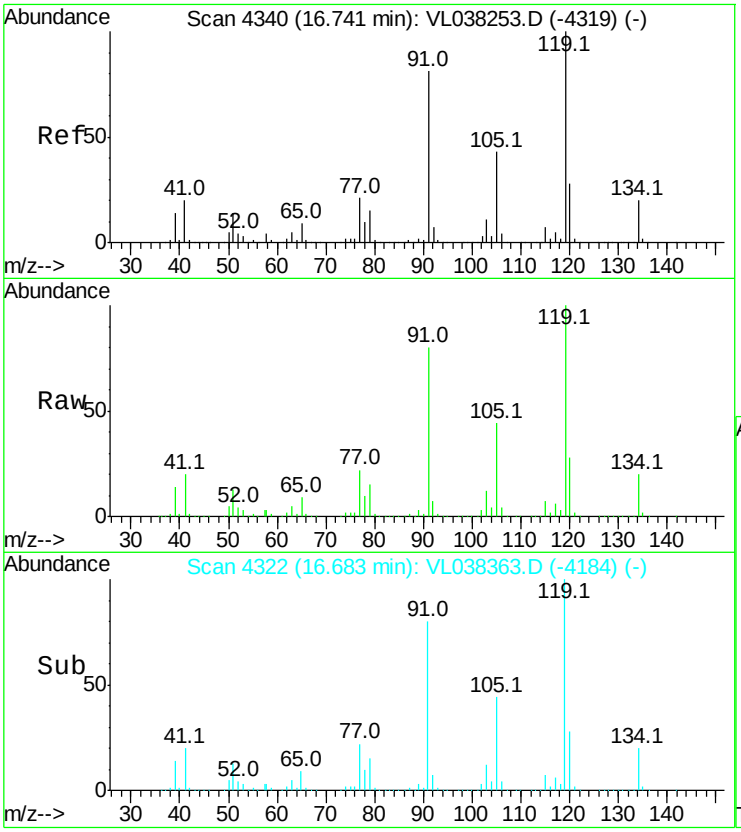


#64
n-propylbenzene
Concen: 8.33 ppbv
RT: 15.50 min Scan# 3955
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:120 Resp: 678895

Ion	Ratio	Lower	Upper
120	100		
91	500.0	390.8	586.2



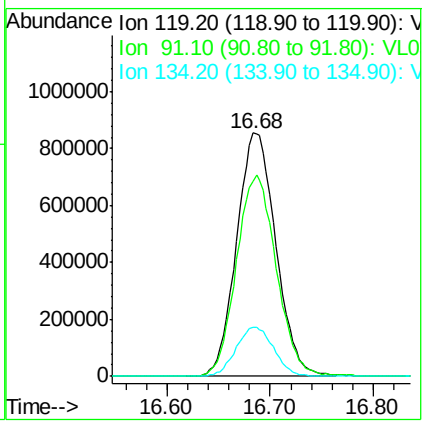


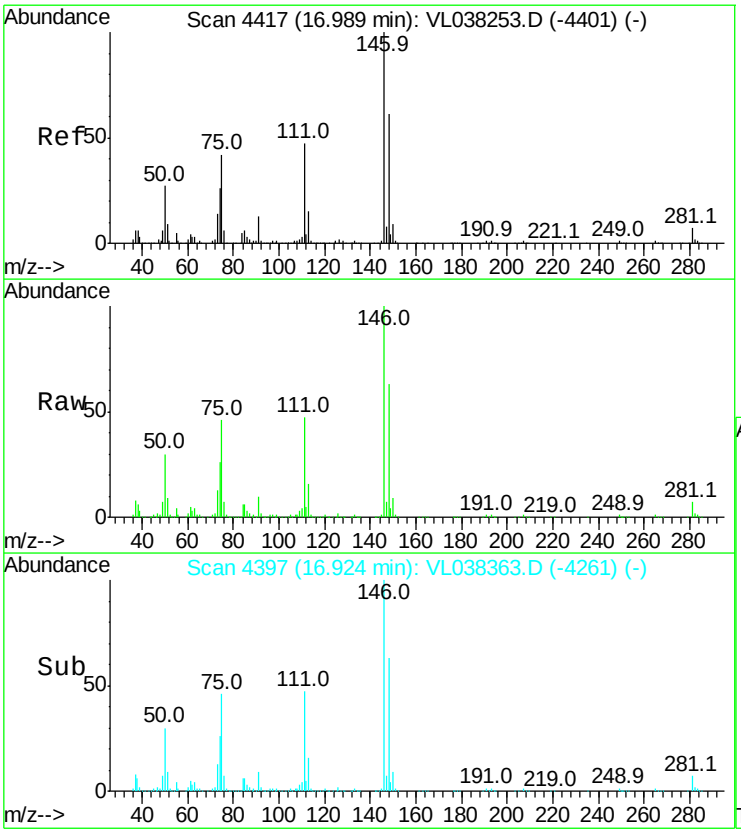
#65
tert-Butylbenzene
Concen: 8.10 ppbv
RT: 16.68
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:119 Resp: 2259761

Ion	Ratio	Lower	Upper
119	100		
91	84.5	66.6	100.0
134	19.6	15.8	23.6

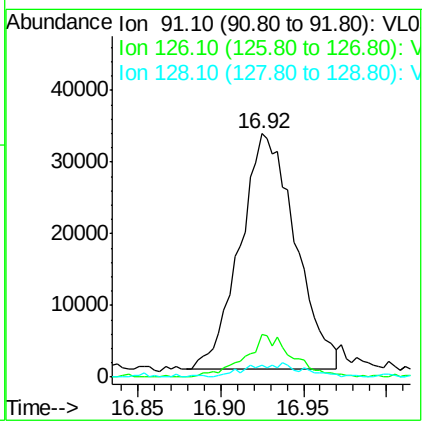


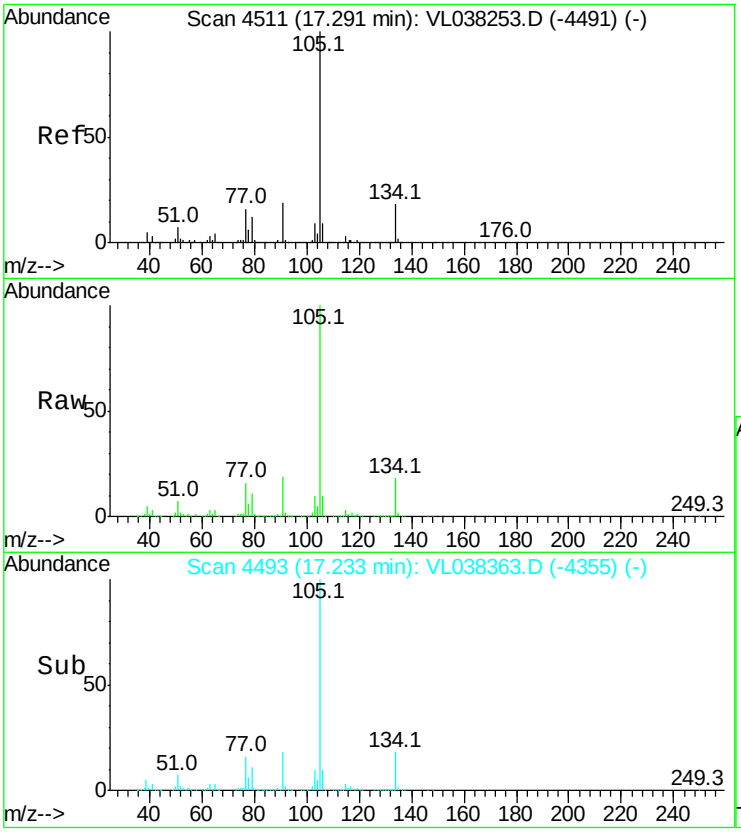


#66
Benzyl Chloride
Concen: 6.01 ppbv
RT: 16.92 min Scan# 4397
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 91 Resp: 76152

Ion	Ratio	Lower	Upper
91	100		
126	16.0	12.6	18.8
128	6.2	4.3	6.5



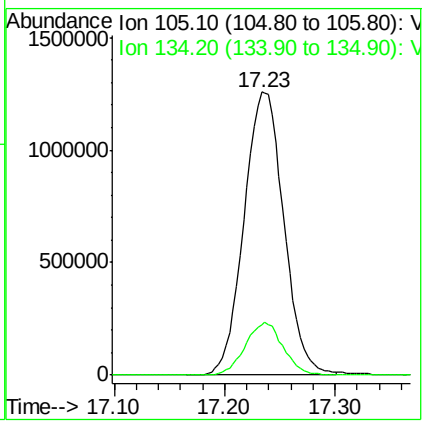


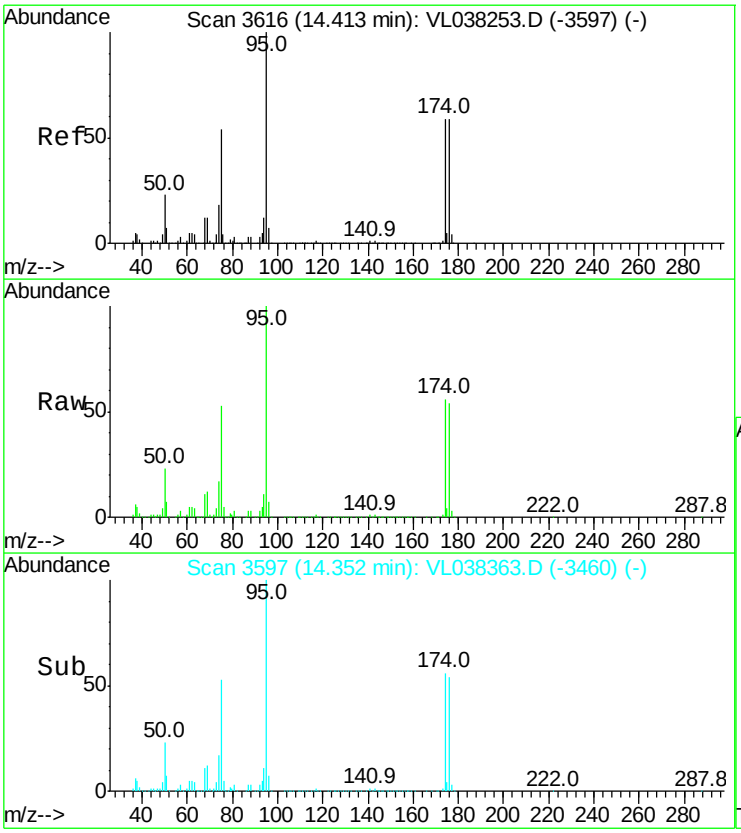
#67
sec-Butylbenzene
Concen: 8.11 ppbv
RT: 17.23
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 3147161

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.3	21.5

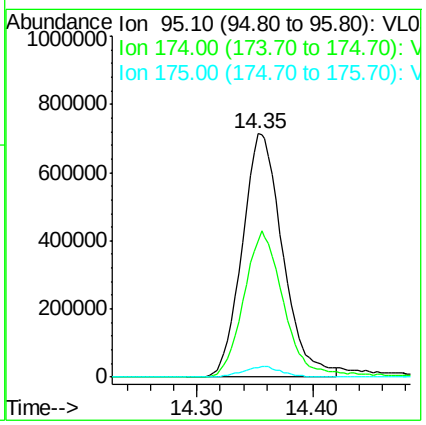


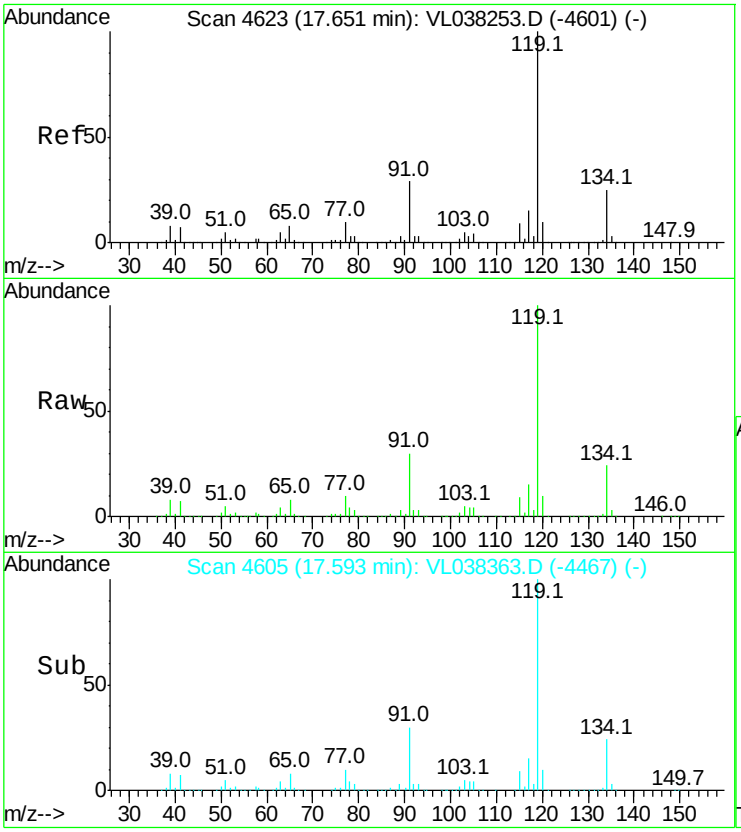


#68
1-Bromo-4-Fluorobenzene
Concen: 10.46 ppbv
RT: 14.35 min Scan# 3597
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 95 Resp: 1730524

Ion	Ratio	Lower	Upper
95	100		
174	60.7	48.3	72.5
175	4.5	3.5	5.3



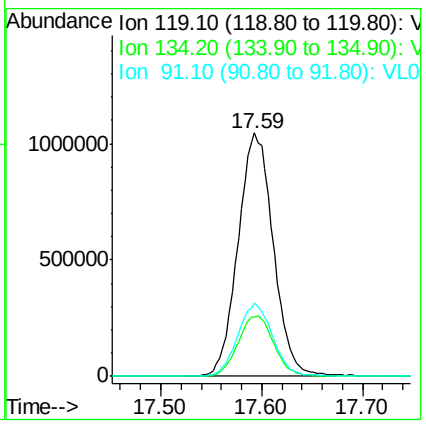


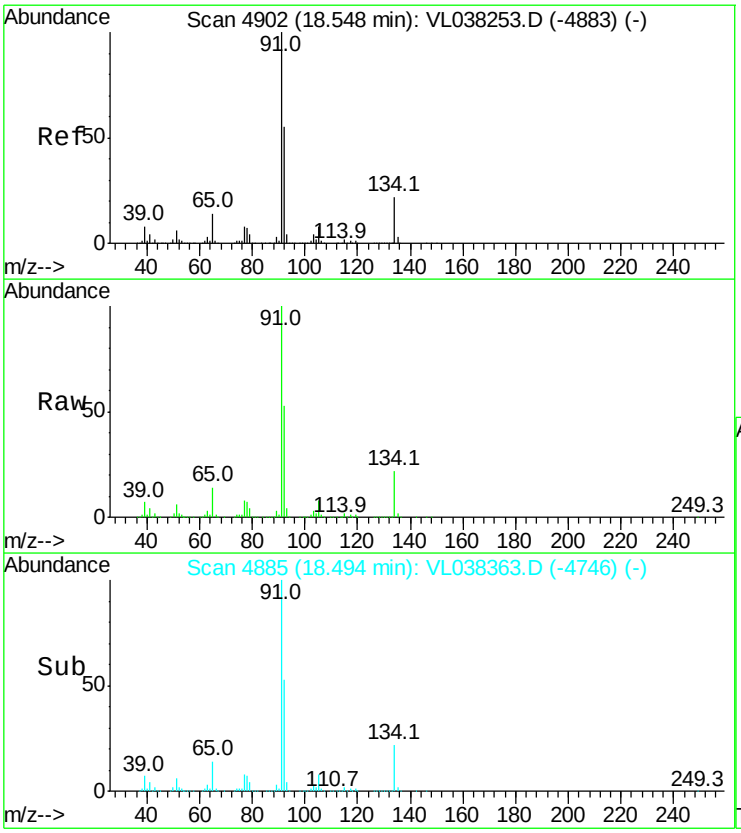
#69
p-Isopropyltoluene
Concen: 8.52 ppbv
RT: 17.59
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:119 Resp: 2530036

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.2
91	29.6	23.2	34.8

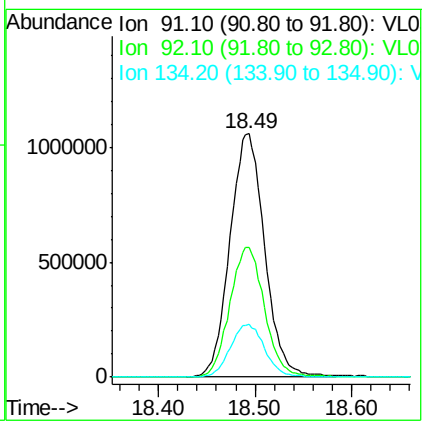


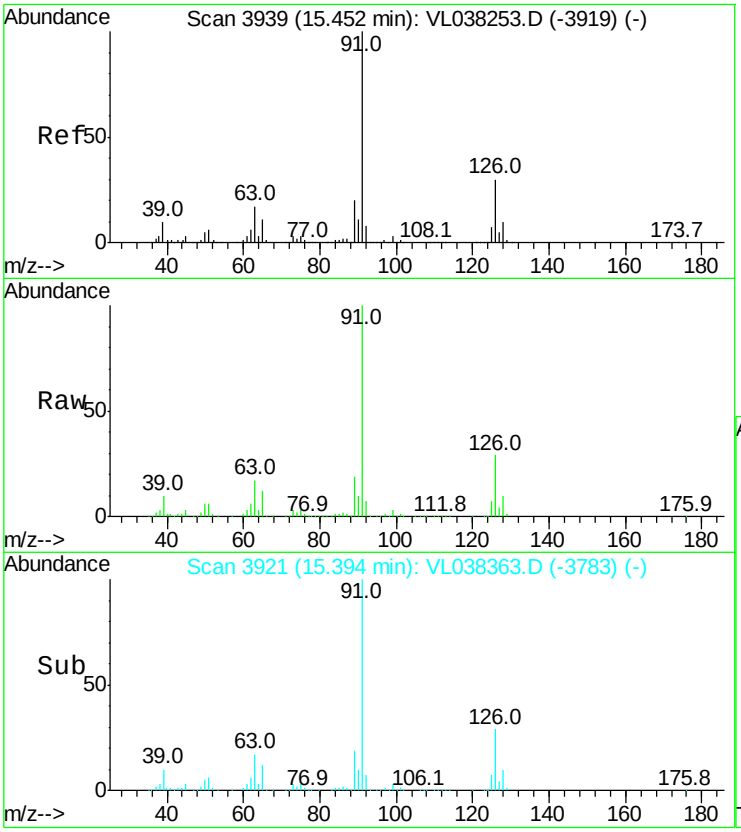


#70
n-Butylbenzene
Concen: 9.08 ppbv
RT: 18.49 min Scan# 4885
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion: 91 Resp: 2640869

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.4	65.0
134	21.7	17.3	25.9



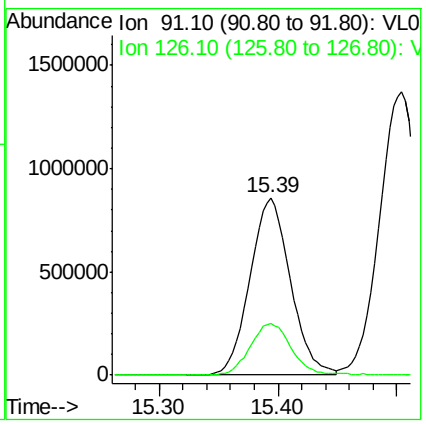


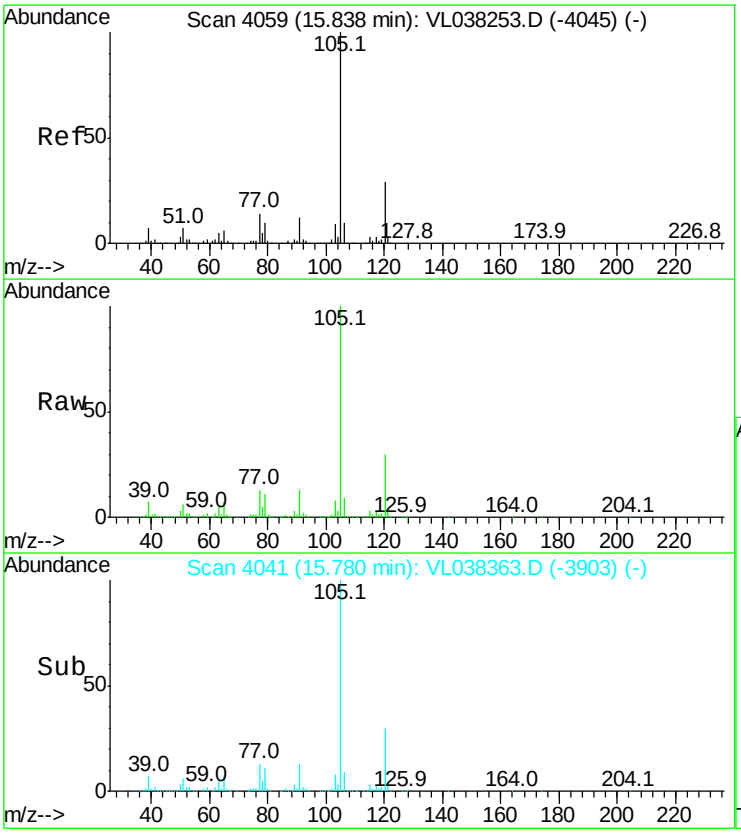
#71
2-Chlorotoluene
Concen: 8.07 ppbv
RT: 15.39
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 2024835

Ion	Ratio	Lower	Upper
91	100		
126	30.3	12.1	48.5

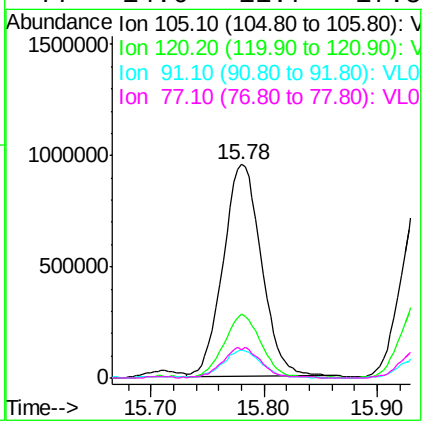


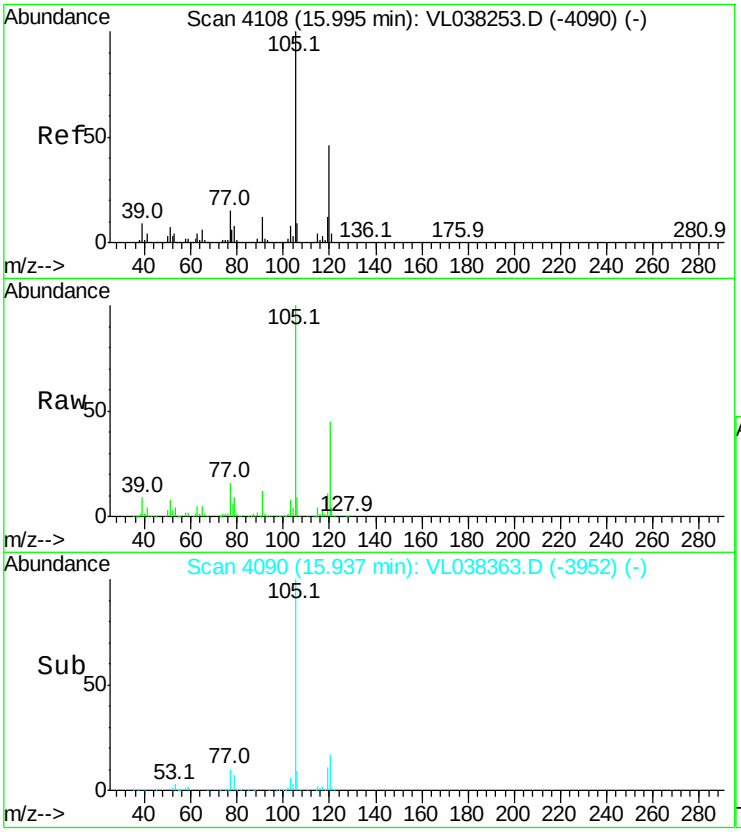


#72
4-Ethyltoluene
Concen: 8.48 ppbv
RT: 15.78 min Scan# 4041
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:105 Resp: 2253237

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.8	35.8
91	12.7	10.2	15.4
77	14.6	11.7	17.5



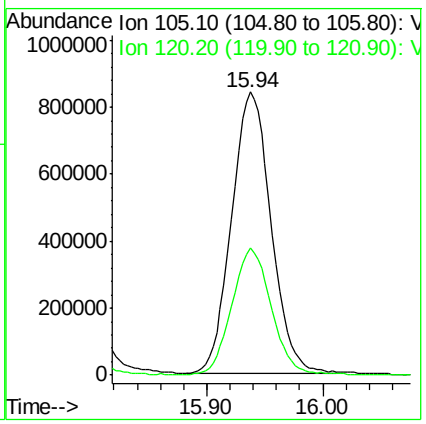


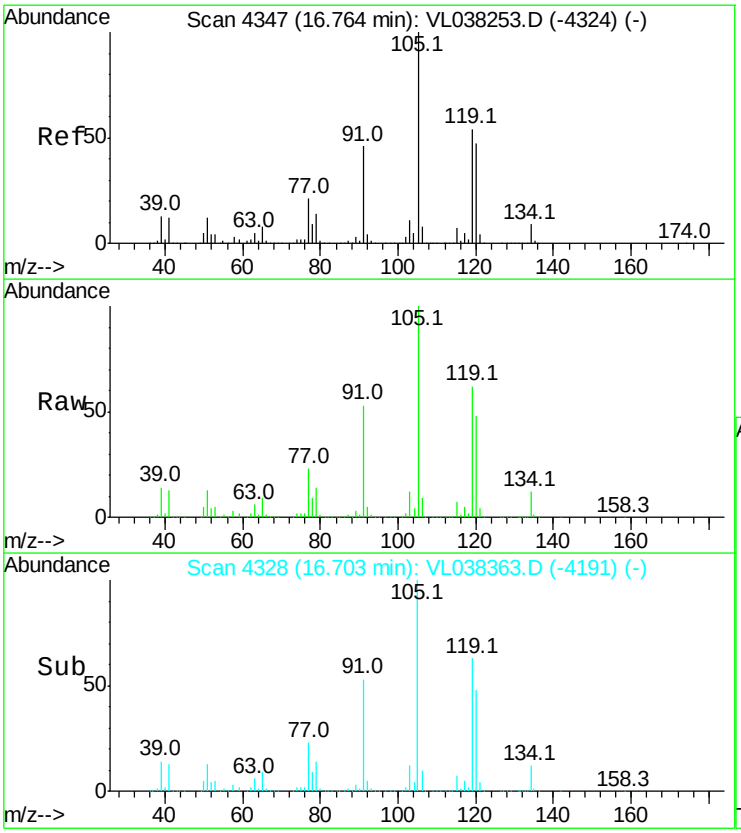
#73
1,3,5-Trimethylbenzene
Concen: 8.30 ppbv
RT: 15.94
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 1982783

Ion	Ratio	Lower	Upper
105	100		
120	45.2	36.6	55.0

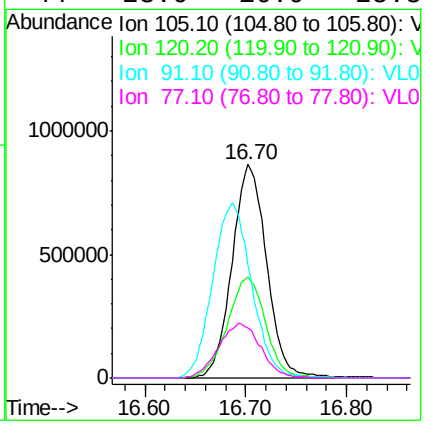


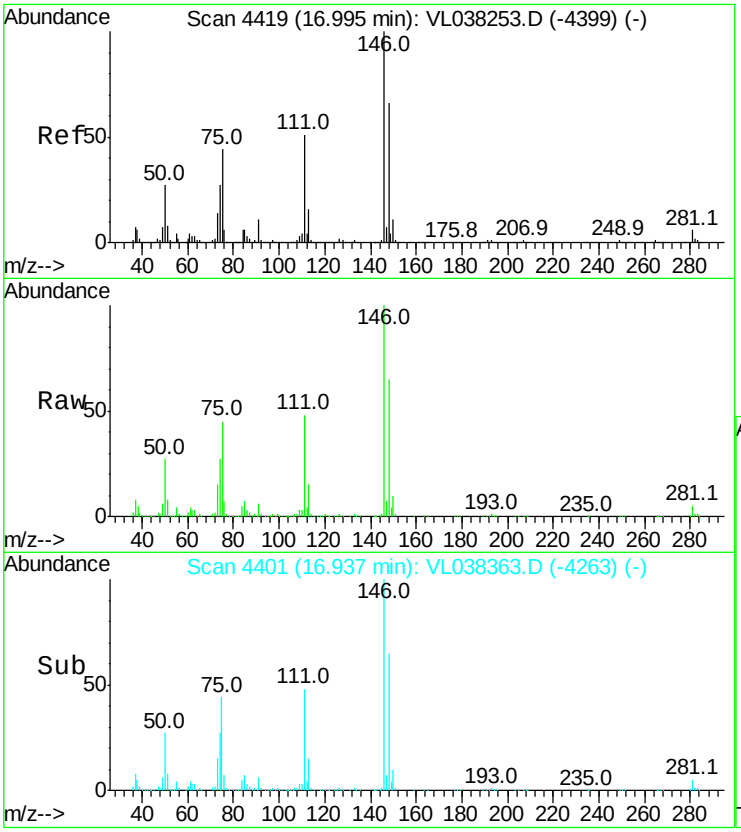


#74
1,2,4-Trimethylbenzene
Concen: 8.15 ppbv
RT: 16.70 min Scan# 4328
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:105 Resp: 2053236

Ion	Ratio	Lower	Upper
105	100		
120	47.4	37.2	55.8
91	52.5	36.6	55.0
77	23.0	16.9	25.3



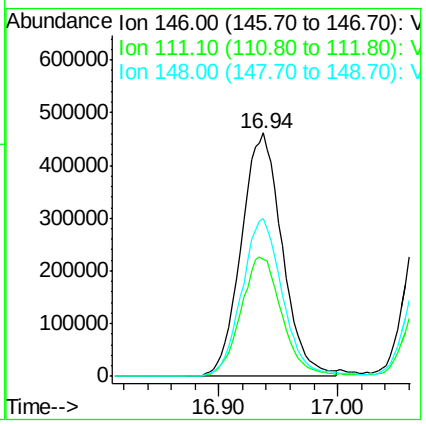


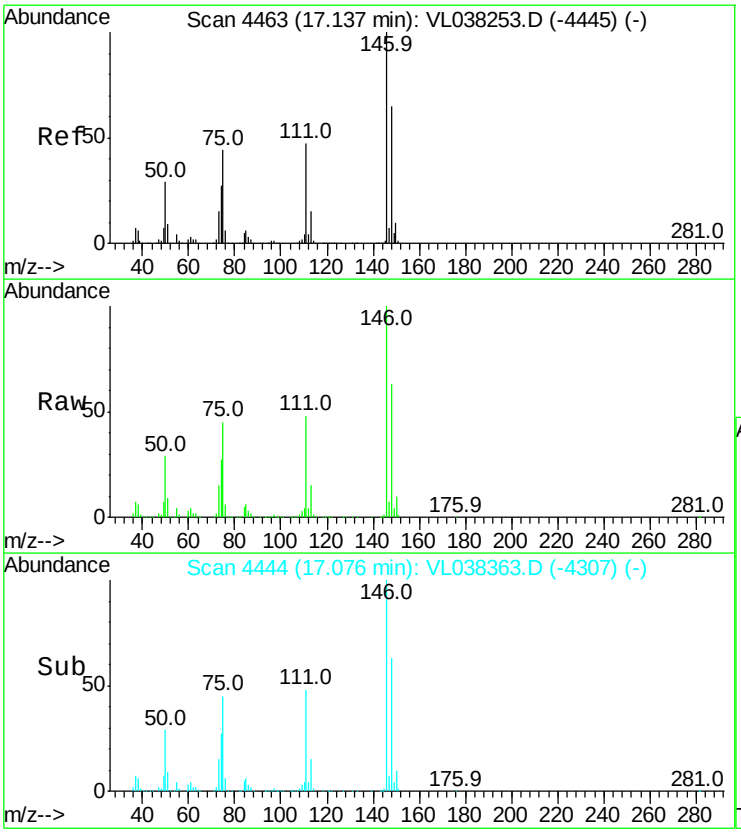
#75
1,3-Dichlorobenzene
Concen: 8.13 ppbv
RT: 16.94
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:146 Resp: 1098225

Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.1	72.4
148	64.5	32.1	96.5

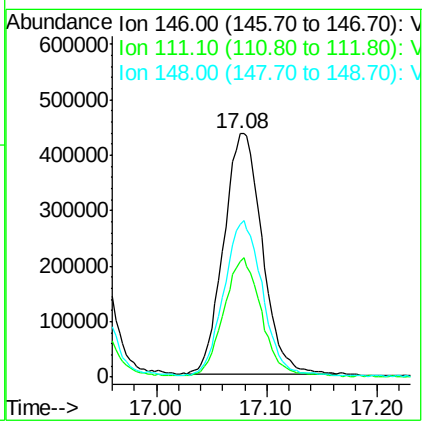


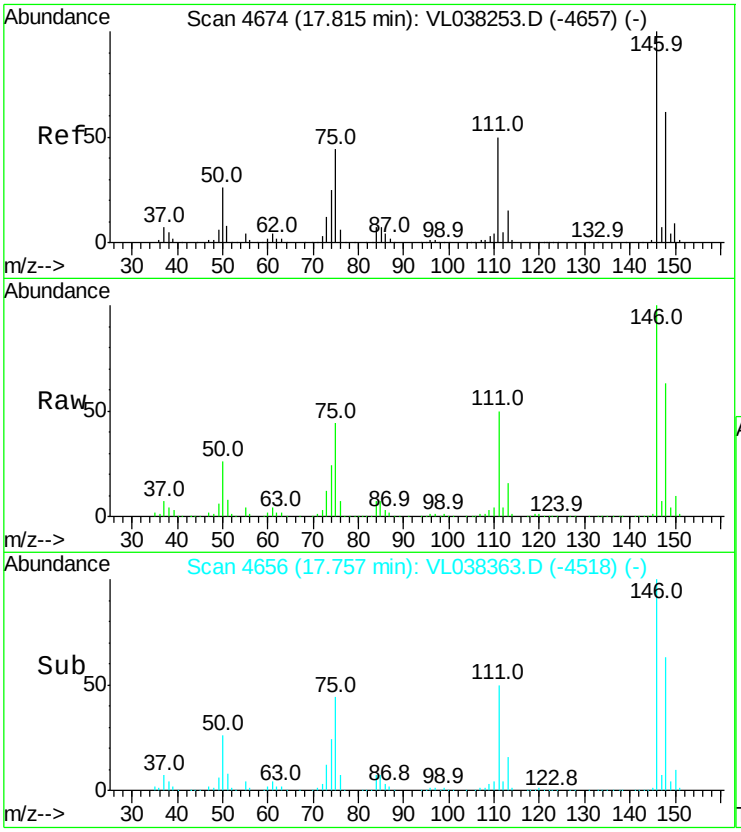


#76
1,4-Dichlorobenzene
Concen: 8.00 ppbv
RT: 17.08 min Scan# 4444
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:146 Resp: 1047290

Ion	Ratio	Lower	Upper
146	100		
111	49.4	23.2	69.6
148	66.2	32.4	97.0



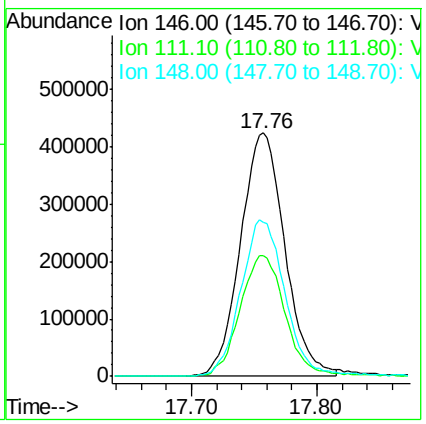


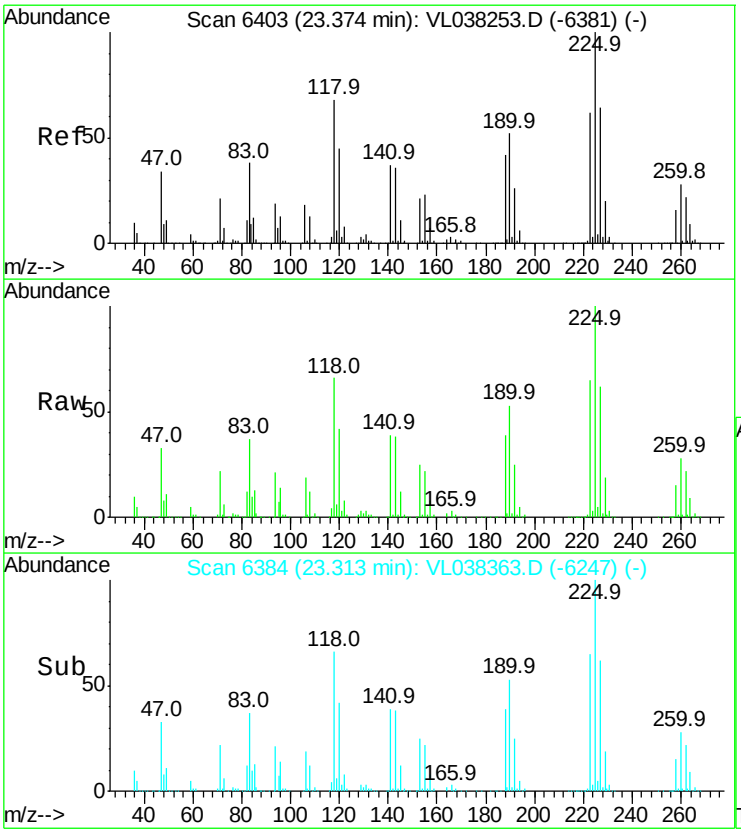
#77
1,2-Dichlorobenzene
Concen: 8.28 ppbv
RT: 17.76
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:146 Resp: 1038672

Ion	Ratio	Lower	Upper
146	100		
111	51.1	25.2	75.6
148	64.9	32.6	97.8

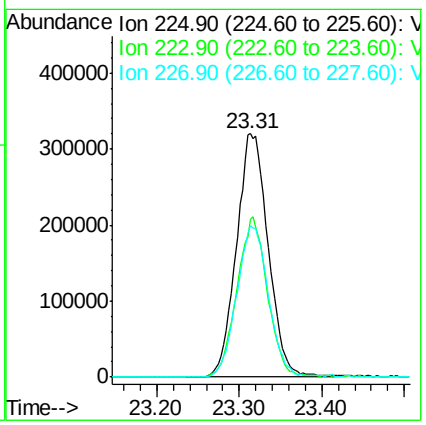


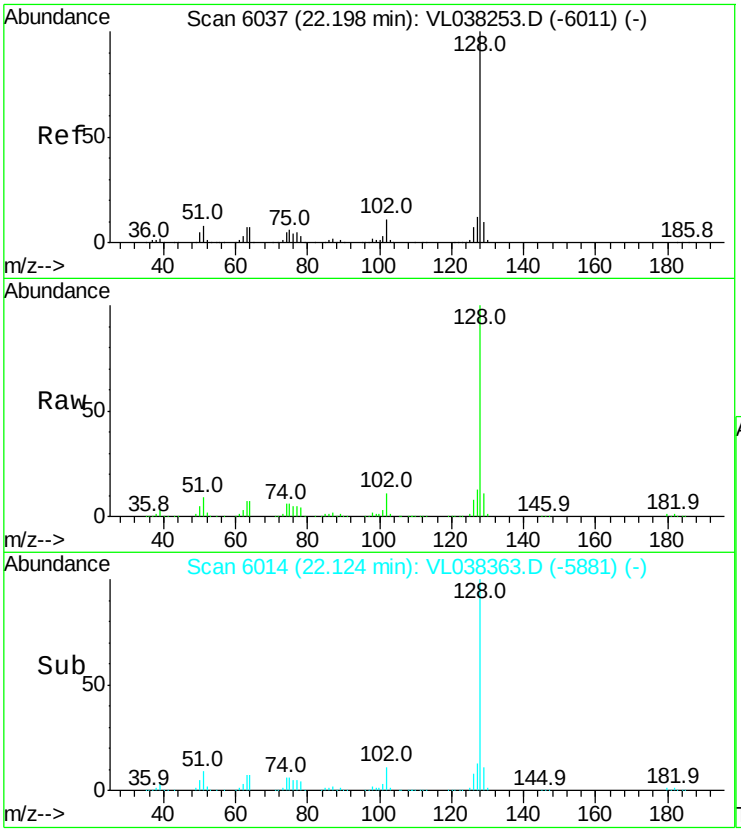


#78
Hexachloro-1,3-Butadiene
Concen: 9.83 ppbv m
RT: 23.31 min Scan# 6384
Delta R.T. -0.06 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:225 Resp: 857863

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.7	77.5#
227	62.6	51.4	77.0



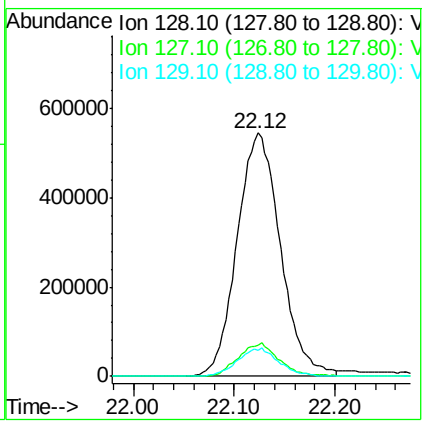


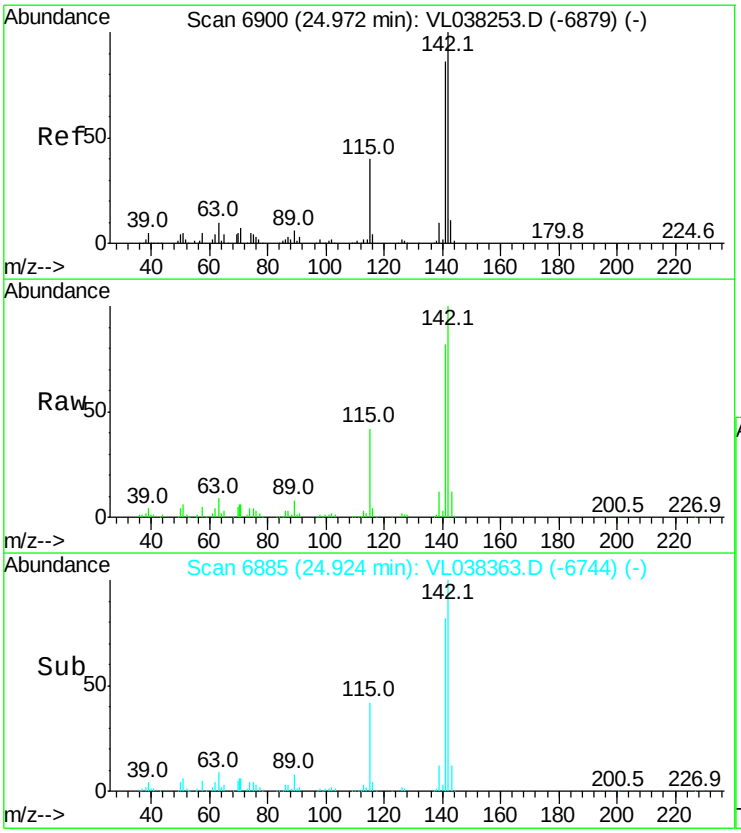
#79
Naphthalene
Concen: 13.75 ppbv
RT: 22.12
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:128 Resp: 1619223

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.7	14.5
129	10.6	8.1	12.1

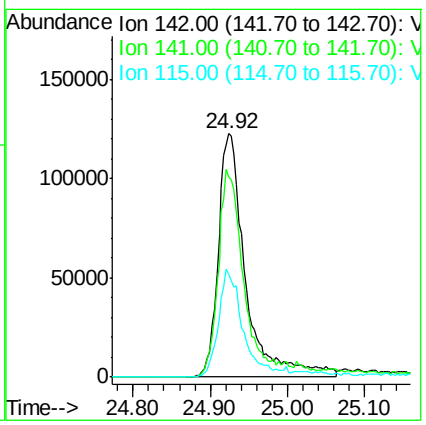


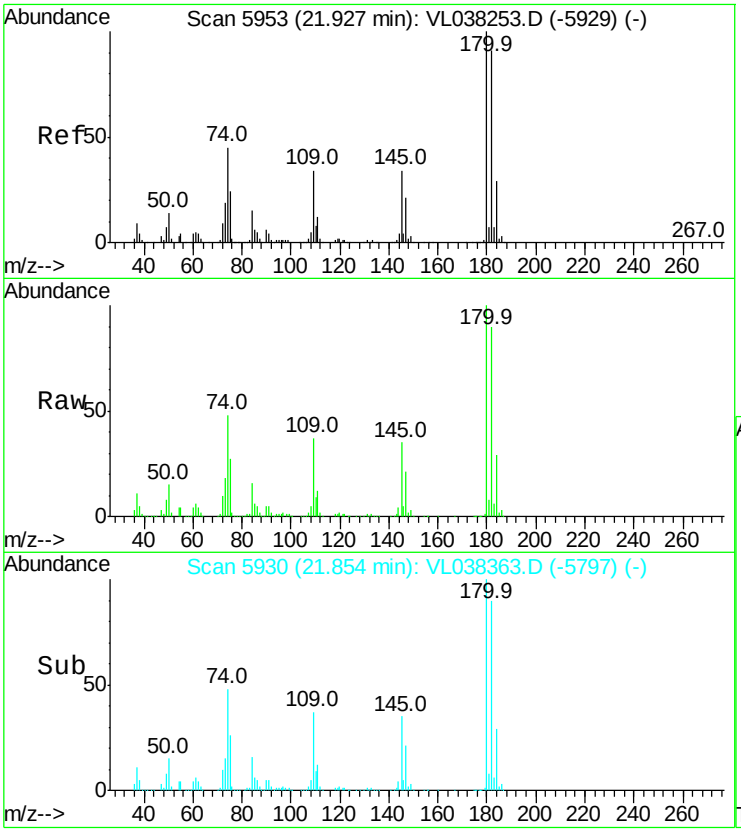


#80
Naphthalene,2-methyl-
Concen: 23.64 ppbv
RT: 24.92 min Scan# 6885
Delta R.T. -0.05 min
Lab File: VL038363.D
Acq: 16 Feb 2022 11:04

Tgt Ion:142 Resp: 302733

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.2	105.4
115	44.6	31.8	47.6





#81
1,2,4-Trichlorobenzene
Concen: 12.60 ppbv
RT: 21.85
Delta R.T
Lab File:
Acq: 16 Feb 2022 11:04

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:180 Resp: 872464

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.7	116.5
184	30.8	24.4	36.6