Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111921\
Data File : VL038079.D
Acq On : 19 Nov 2021 10:46
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Nov 22 06:35:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	743506	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2199437	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2506414	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1453463	8.04	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1128128	9.186	ppbv	98
3) Chlorodifluoromethane	2.98	51	1510843	9.676	ppbv	100
4) Chloromethane	3.13	50	517525	9.737	ppbv	98
5) Vinyl Chloride	3.25	62	514776	9.872	ppbv	99
6) Bromomethane	3.47	94	270306	9.677	ppbv	94
7) Chloroethane	3.55	64	167622	9.058	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	1209889	9.903	ppbv	97
9) Propene	3.01	41	540259	9.395	ppbv	99
10) Heptane	8.10	43	1347839	9.484	ppbv	100
11) Trichlorofluoromethane	3.94	101	1140794	9.767	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	810809	9.813	ppbv	99
13) Ethanol	3.60	45	39855	7.172	ppbv	95
14) Bromoethene	3.73	108	362075	9.786	ppbv	98
15) Acetone	3.84	43	599795	9.304	ppbv	98
16) 1,3-Butadiene	3.32	39	487697	9.697	ppbv	100
17) tert-Butyl alcohol	4.28	59	684178	8.750	ppbv	100
18) 1,1-Dichloroethene	4.28	96	361900	9.548	ppbv	93
19) Isopropyl Alcohol	3.95	45	398347	8.552	ppbv #	98
20) Methylene Chloride	4.33	84	309168	8.563	ppbv	94
21) Allyl Chloride	4.40	41	566560	9.495	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	381542	9.938	ppbv	99
23) Vinyl Acetate	5.06	43	948516	10.164	ppbv	100
24) 1,1-Dichloroethane	5.00	63	766178	9.860	ppbv	98
25) Ethyl Acetate	5.66	43	2066291	9.645	ppbv	99
26) Hexane	5.67	57	973723	9.429	ppbv	97
27) Carbon Disulfide	4.54	76	904532	9.778	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	850203	9.692	ppbv	100
29) Chloroform	5.74	83	1482548	9.741	ppbv	98
30) Cyclohexane	7.11	84	870668	9.287	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	964572	9.819	ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	1487698	9.632	ppbv	99
34) 2-Butanone	5.23	43	870773	9.819	ppbv	98
35) Carbon Tetrachloride	7.00	117	1534669	9.931	ppbv	98
36) Benzene	6.87	78	2109915	9.617	ppbv	100
37) 1,2-Dichloroethane	6.29	62	1096478	10.348	ppbv	99
38) Trichloroethene	7.82	130	751398	9.079	ppbv	98
39) 1,2-Dichloropropane	7.59	63	821265	9.758	ppbv	98
40) 1,4-Dioxane	7.82	88	195452	8.914	ppbv #	1
41) Tetrahydrofuran	6.03	42	531152	9.648	ppbv	99
42) Bromodichloromethane	7.77	83	1629953	10.118	ppbv	99
43) Methyl Methacrylate	8.00	69	781881	10.417	ppbv	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111921\
Data File : VL038079.D
Acq On : 19 Nov 2021 10:46
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Nov 22 06:35:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3431893	9.349	ppbv		99
45) t-1,3-Dichloropropene	9.26	75	660676	10.973	ppbv		95
46) cis-1,3-Dichloropropene	8.68	75	856545	10.518	ppbv		98
47) 1,1,2-Trichloroethane	9.45	97	844451	9.580	ppbv		94
48) Dibromochloromethane	10.28	129	1360382	10.135	ppbv		99
49) Bromoform	13.01	173	1004140	10.456	ppbv		98
50) 4-Methyl-2-Pentanone	8.73	43	1384840	10.282	ppbv		99
51) 2-Hexanone	10.11	43	642038	10.132	ppbv	#	98
52) Tetrachloroethene	11.20	164	696538	8.580	ppbv		98
53) Toluene	9.79	91	2408108	9.539	ppbv		99
54) 1,2-Dibromoethane	10.59	107	1204011	9.670	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	870058	7.647	ppbv		96
57) Chlorobenzene	12.12	112	1695311	7.547	ppbv		96
58) Ethyl Benzene	12.69	91	3162095	7.633	ppbv		97
59) m/p-Xylene	12.97	91	2573680	7.380	ppbv	#	34
60) o-Xylene	13.67	91	2368911	7.323	ppbv		98
61) Styrene	13.50	104	1345434	7.757	ppbv		97
62) Isopropylbenzene	14.64	105	3347374	7.290	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.65	83	1681438	6.997	ppbv		99
64) n-propylbenzene	15.54	120	873205	7.464	ppbv		99
65) tert-Butylbenzene	16.72	119	2815793	6.960	ppbv		99
66) Benzyl Chloride	16.97	91	131959	6.436	ppbv		96
67) sec-Butylbenzene	17.27	105	3960430	7.026	ppbv		100
69) p-Isopropyltoluene	17.63	119	3199989	7.257	ppbv		99
70) n-Butylbenzene	18.53	91	3102140	7.358	ppbv		99
71) 2-Chlorotoluene	15.43	91	2488048	7.411	ppbv		98
72) 4-Ethyltoluene	15.82	105	2861846	7.630	ppbv		99
73) 1,3,5-Trimethylbenzene	15.97	105	2513428	7.337	ppbv		100
74) 1,2,4-Trimethylbenzene	16.74	105	2537737	7.189	ppbv		98
75) 1,3-Dichlorobenzene	16.97	146	1424187	7.345	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	1421346	7.285	ppbv		97
77) 1,2-Dichlorobenzene	17.79	146	1332545	7.098	ppbv		100
78) Hexachloro-1,3-Butadiene	23.35	225	716412	6.112	ppbv		100
79) Naphthalene	22.16	128	1422916	7.654	ppbv		100
80) Naphthalene,2-methyl-	24.95	142	327606	8.223	ppbv		98
81) 1,2,4-Trichlorobenzene	21.89	180	769064	7.199	ppbv		100

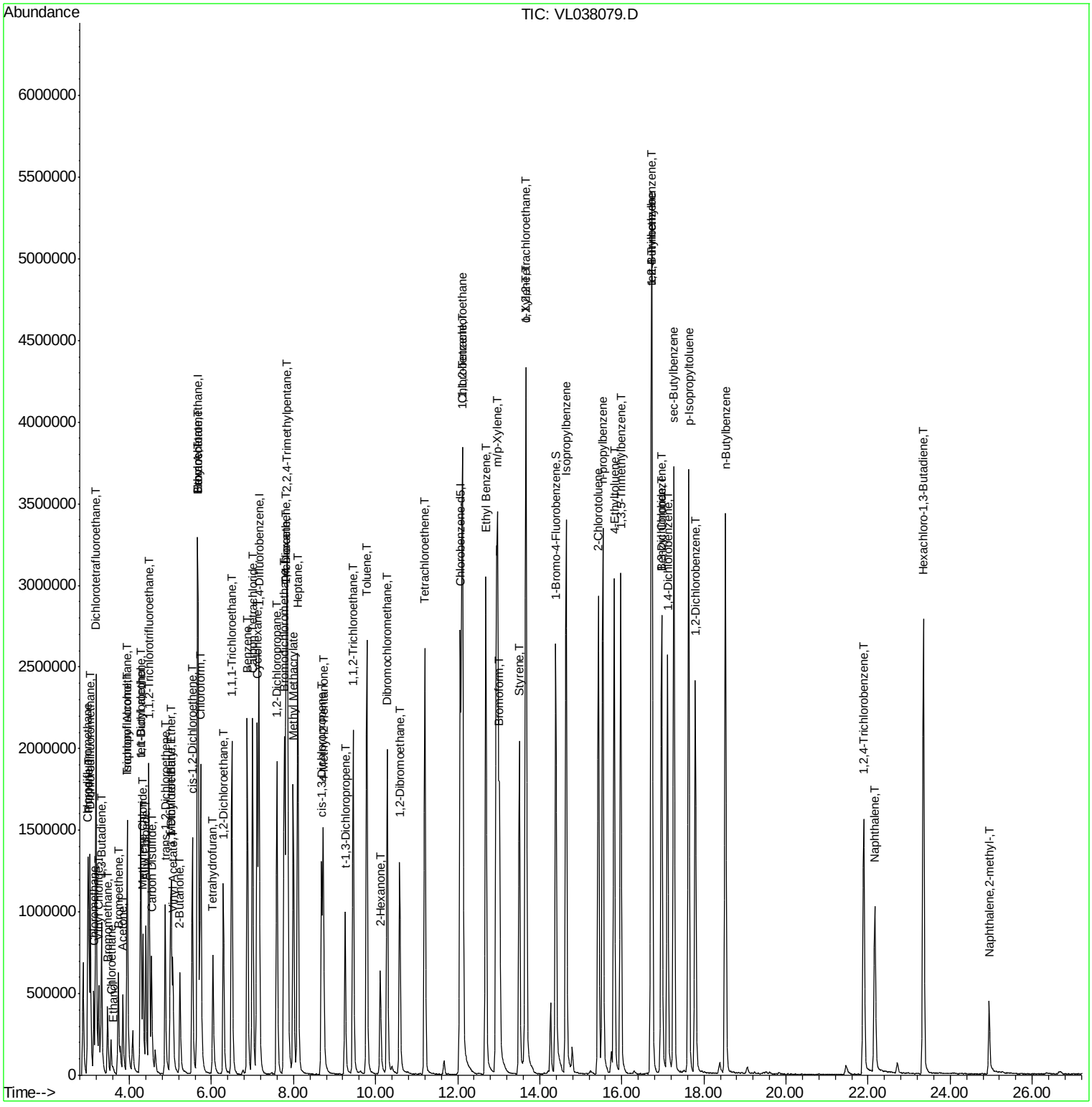
(#) = qualifier out of range (m) = manual integration (+) = signals summed

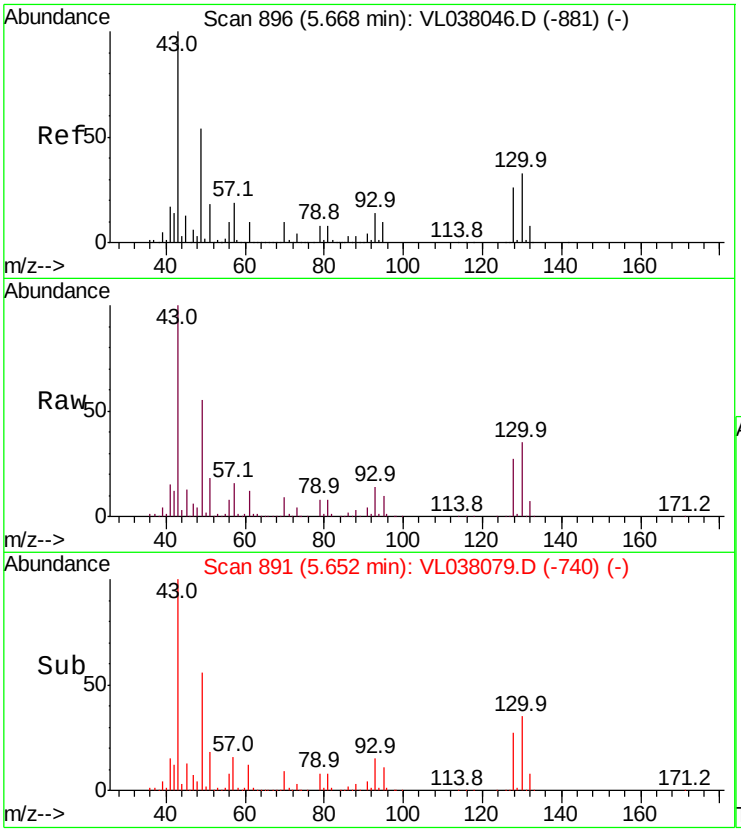
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111921\
Data File : VL038079.D
Acq On : 19 Nov 2021 10:46
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Nov 22 06:35:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration



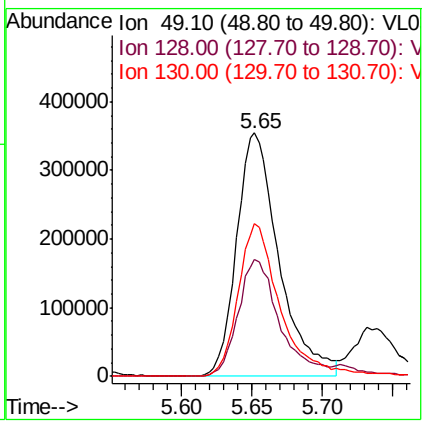


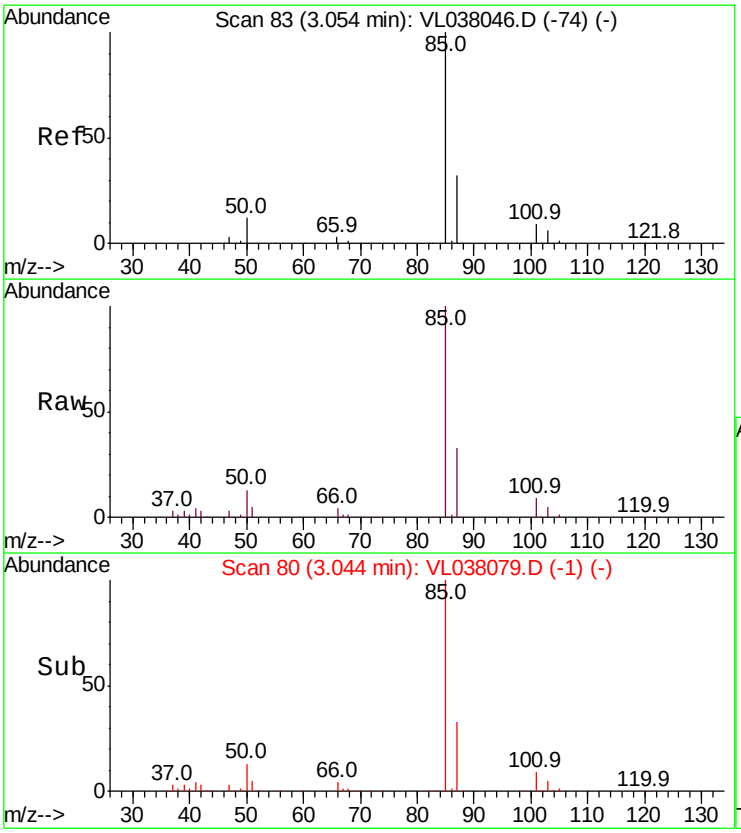
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 743506

Ion	Ratio	Lower	Upper
49	100		
128	51.9	26.5	79.5
130	63.7	32.5	97.4

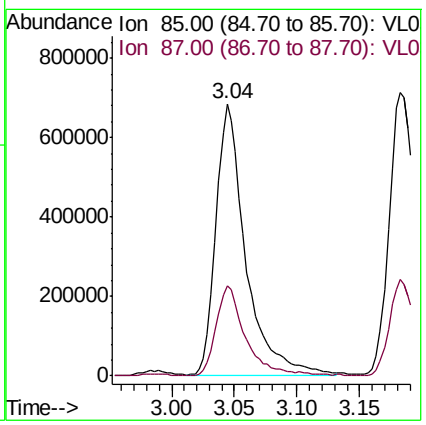


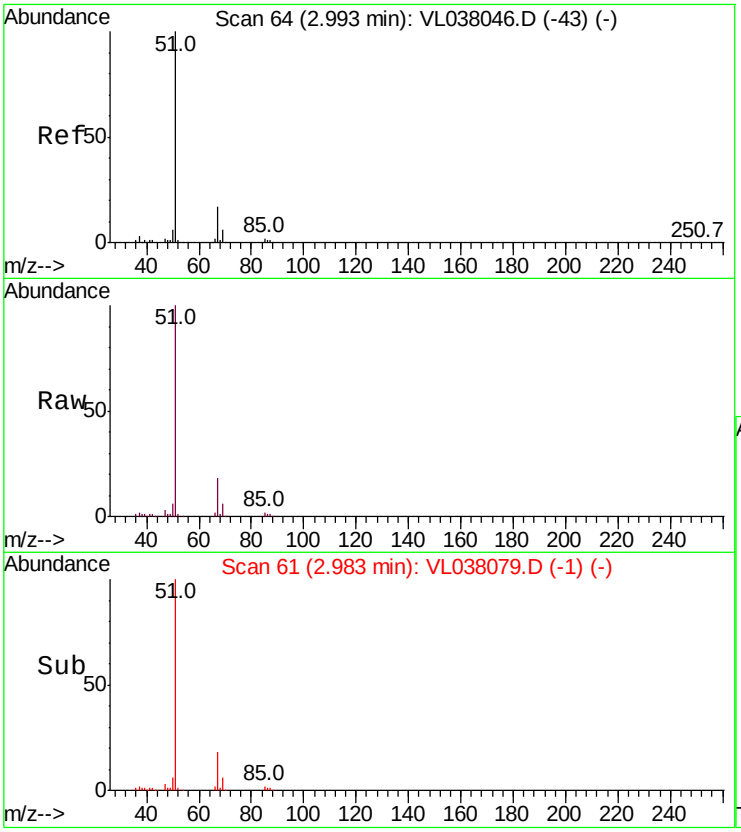


#2
Dichlorodifluoromethane
Concen: 9.186 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 85 Resp: 1128128

Ion	Ratio	Lower	Upper
85	100		
87	33.1	25.8	38.6



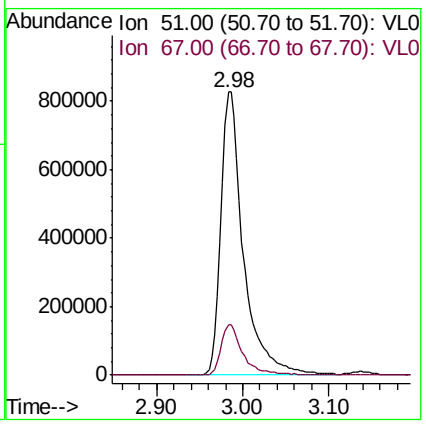


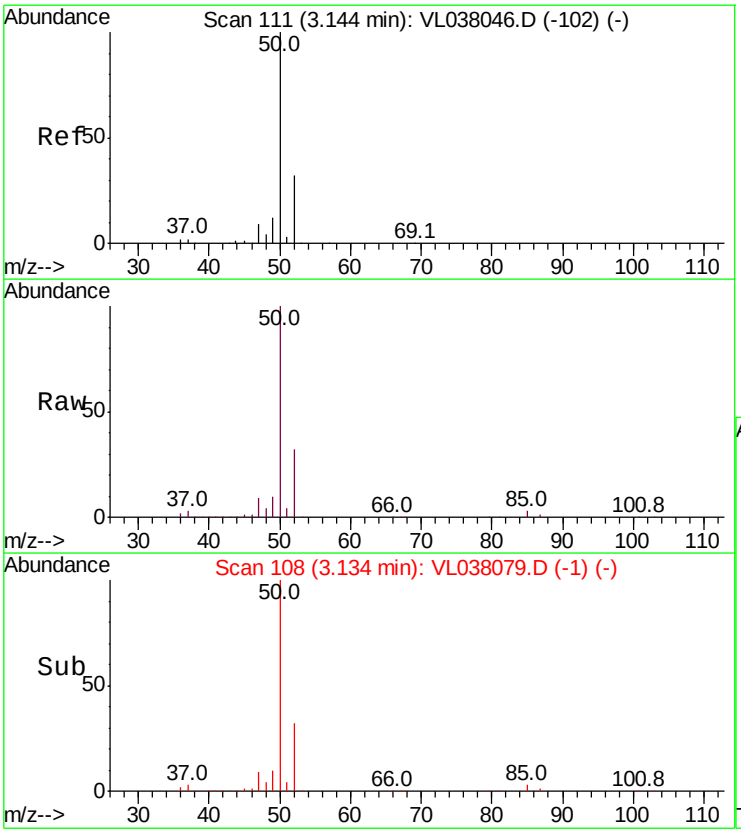
#3
Chlorodifluoromethane
Concen: 9.676 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1510843

Ion	Ratio	Lower	Upper
51	100		
67	17.5	13.8	20.8

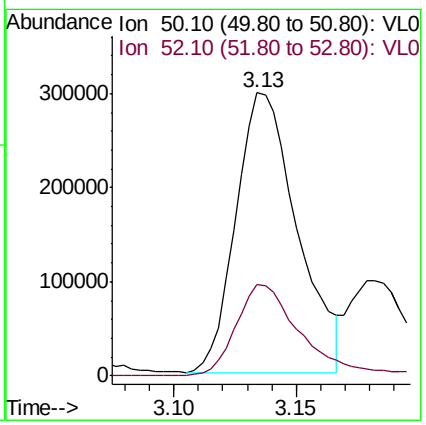


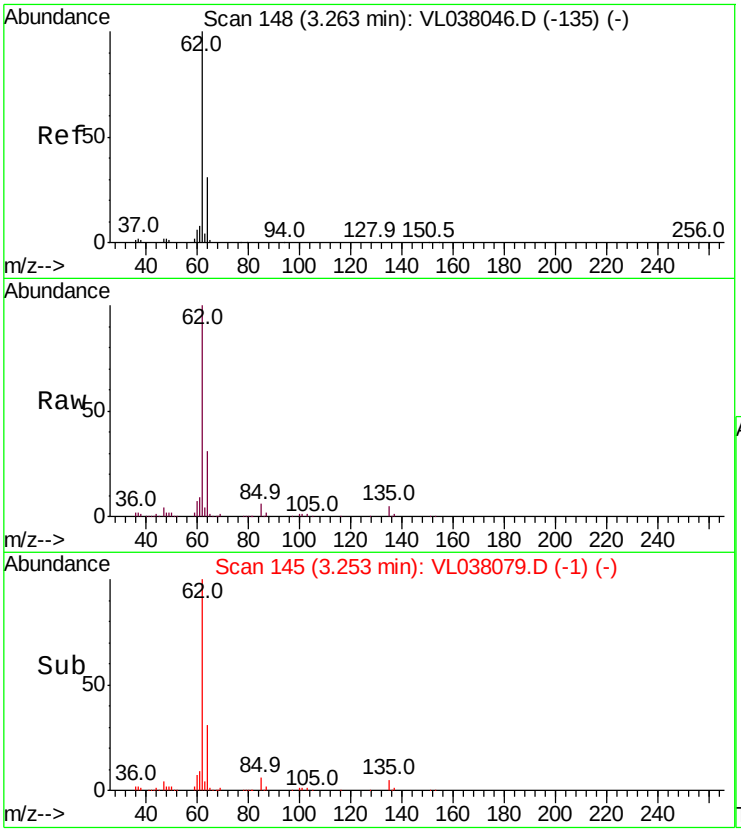


#4
Chloromethane
Concen: 9.737 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 50 Resp: 517525

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.4	38.0



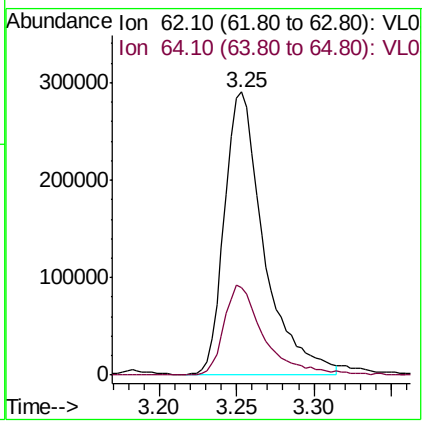


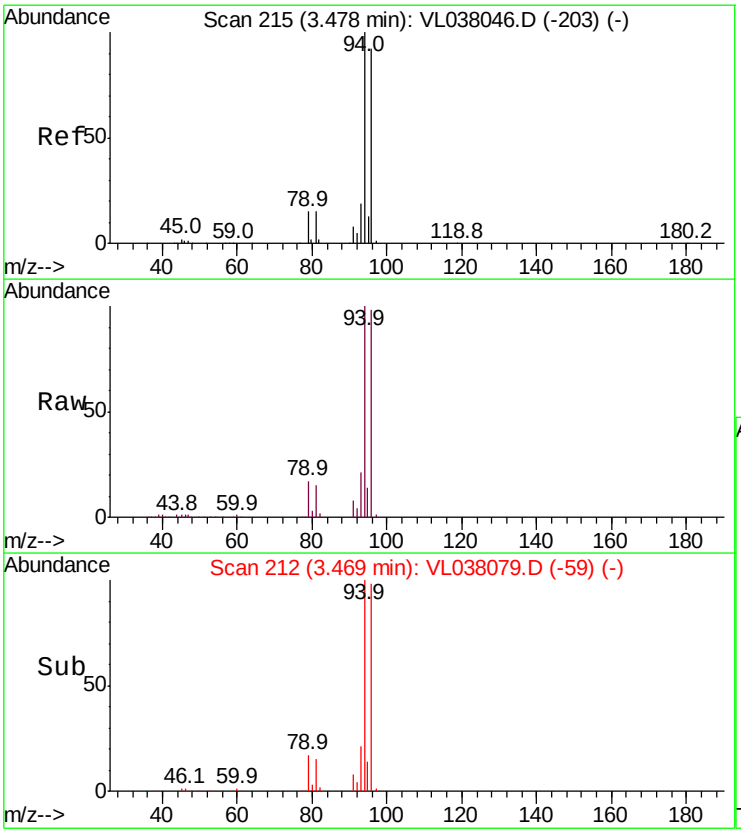
#5
Vinyl Chloride
Concen: 9.872 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 514776

Ion	Ratio	Lower	Upper
62	100		
64	31.0	25.1	37.7

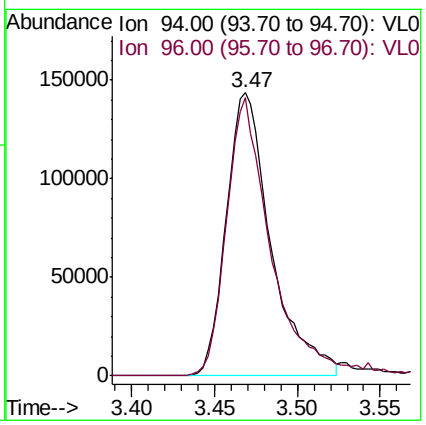


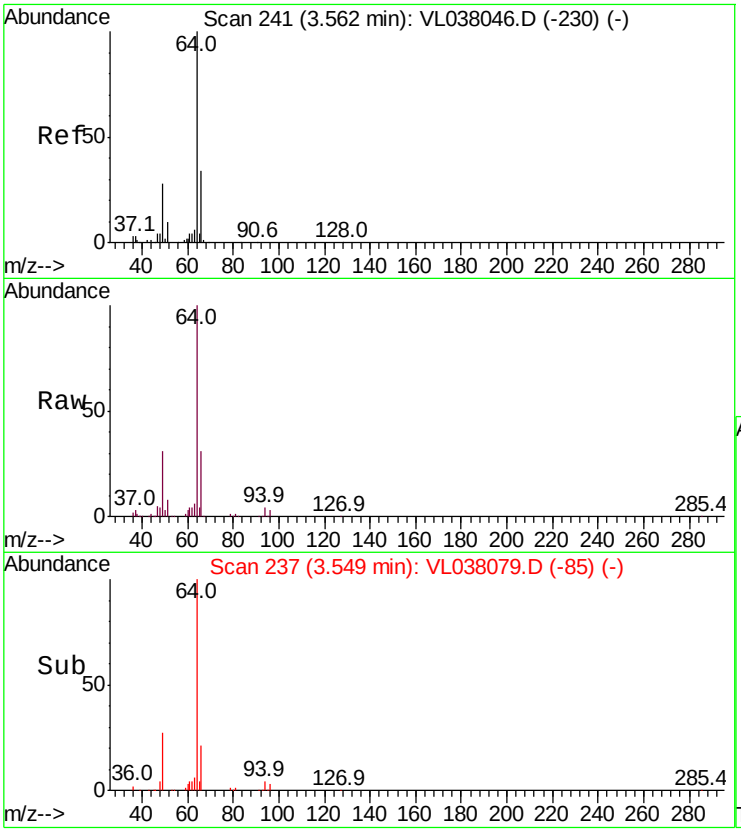


#6
Bromomethane
Concen: 9.677 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 94 Resp: 270306

Ion	Ratio	Lower	Upper
94	100		
96	98.2	73.9	110.9



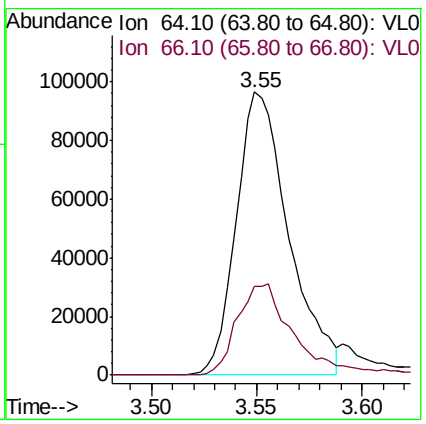


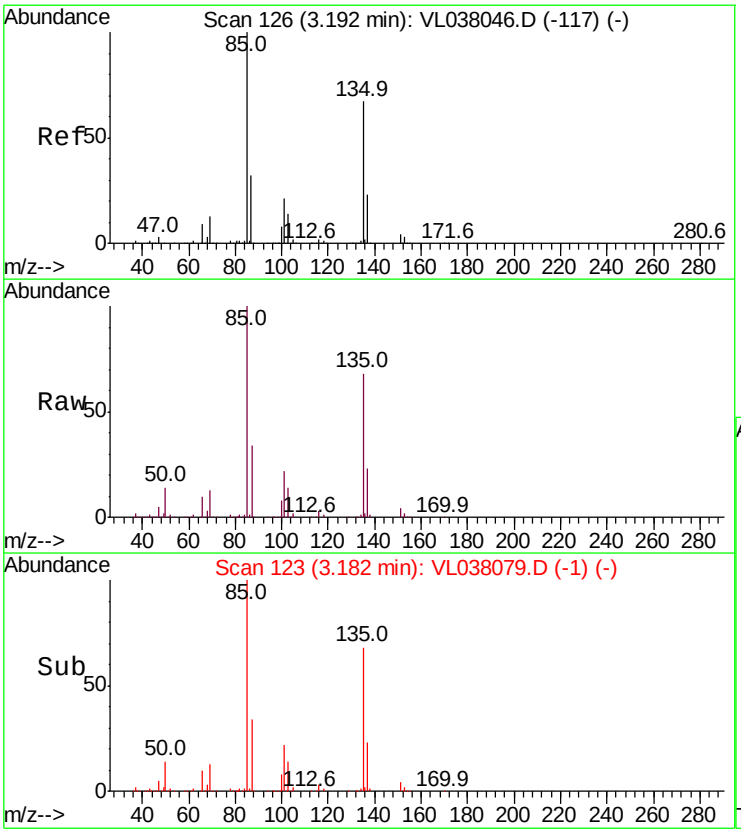
#7
Chloroethane
Concen: 9.058 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 167622

Ion	Ratio	Lower	Upper
64	100		
66	31.2	27.2	40.8

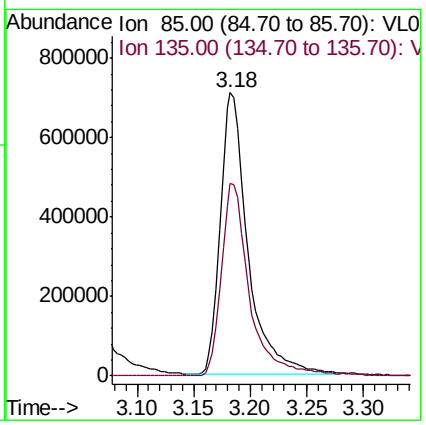


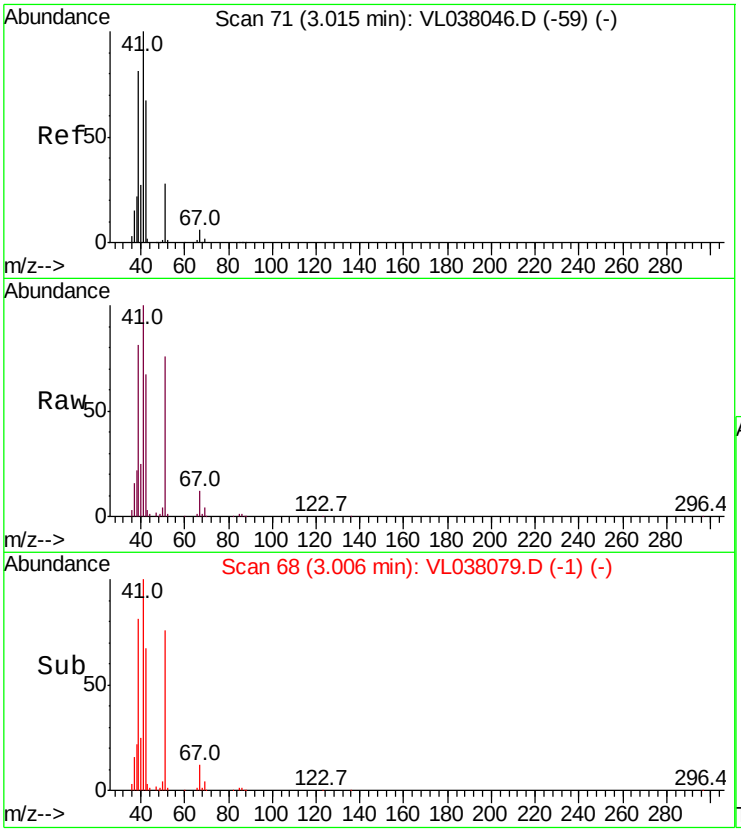


#8
Dichlorotetrafluoroethane
Concen: 9.903 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 85 Resp: 1209889

Ion	Ratio	Lower	Upper
85	100		
135	70.1	57.9	86.9



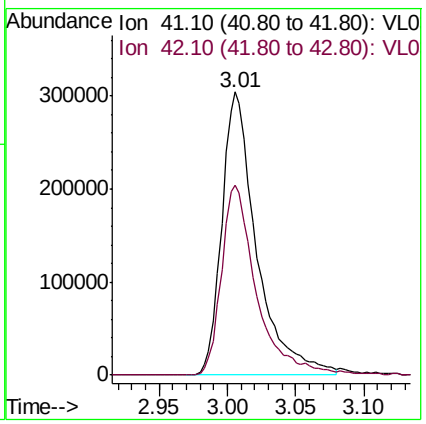


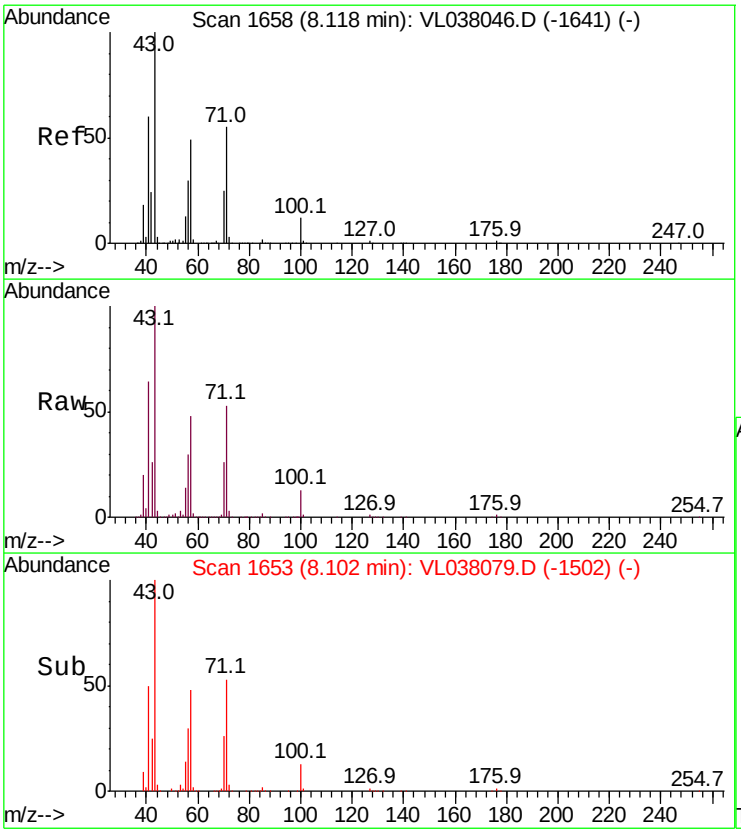
#9
Propene
Concen: 9.395 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 540259

Ion	Ratio	Lower	Upper
41	100		
42	68.3	53.8	80.8

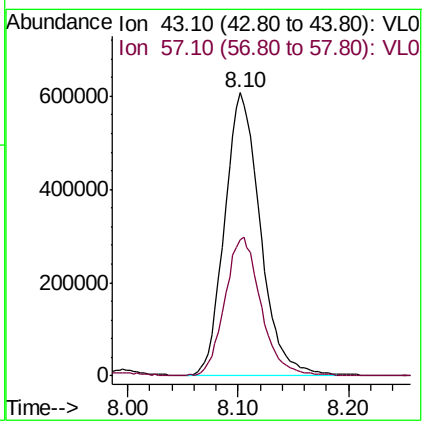


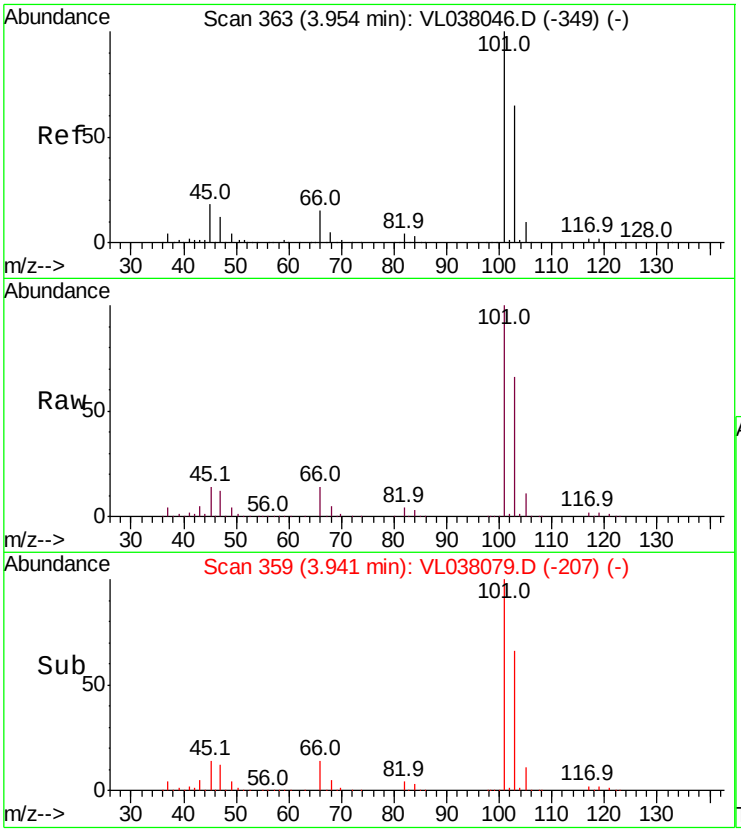


#10
Heptane
Concen: 9.484 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 43 Resp: 1347839

Ion	Ratio	Lower	Upper
43	100		
57	50.2	40.4	60.6



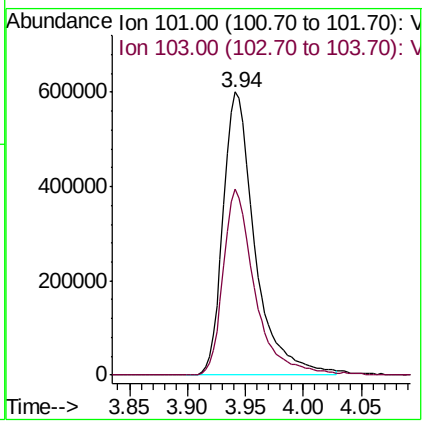


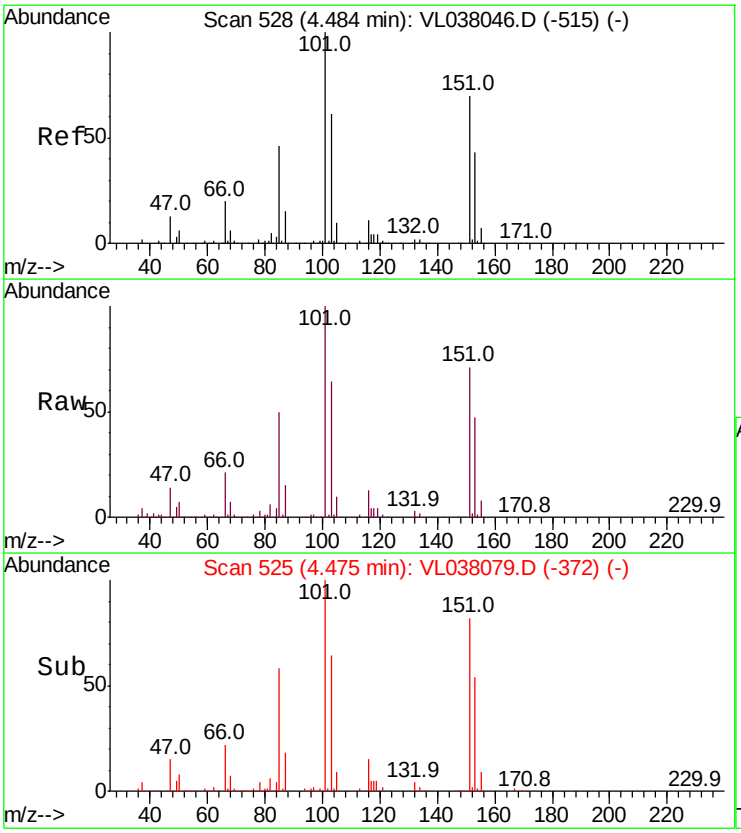
#11
Trichlorofluoromethane
Concen: 9.767 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1140794

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.6

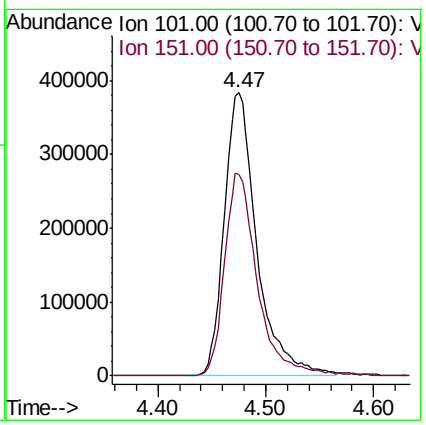


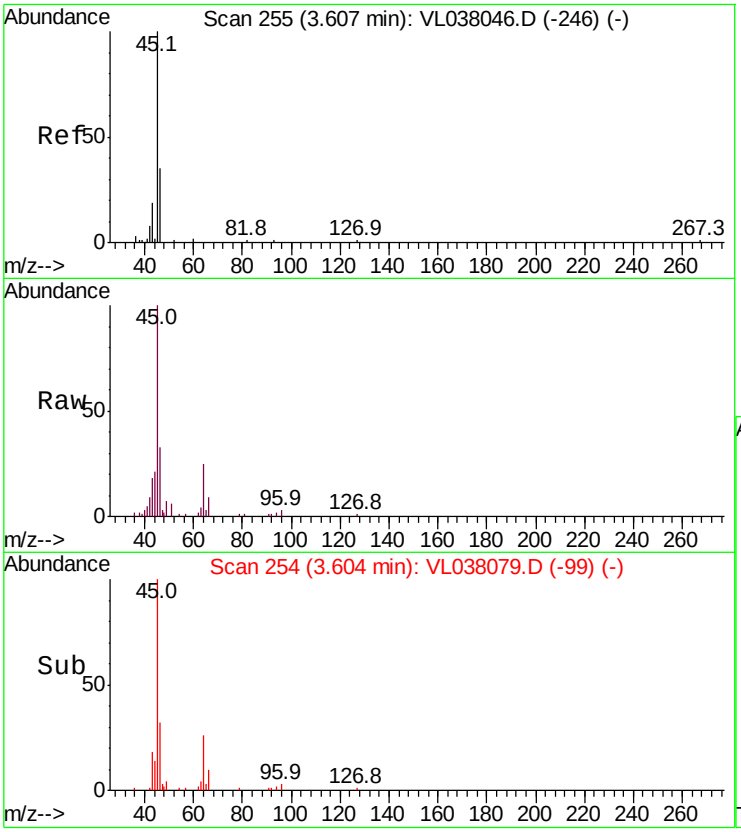


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.813 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:101 Resp: 810809

Ion	Ratio	Lower	Upper
101	100		
151	72.5	59.0	88.4



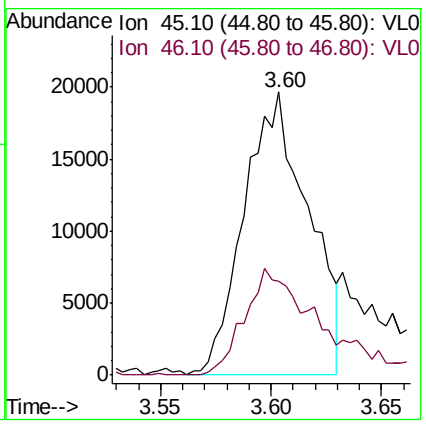


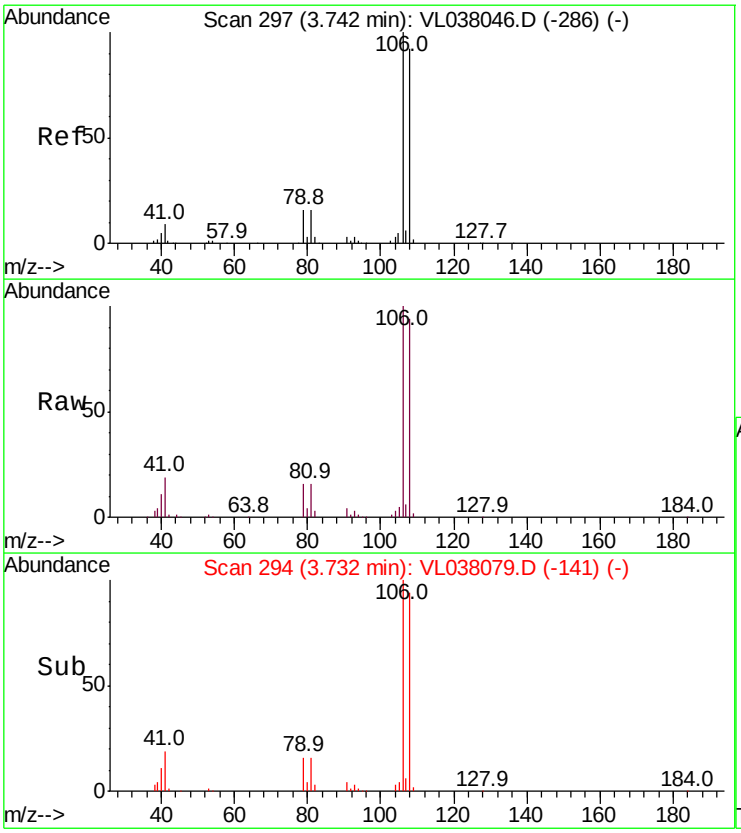
#13
Ethanol
Concen: 7.172 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 39855

Ion	Ratio	Lower	Upper
45	100		
46	47.0	17.6	70.2

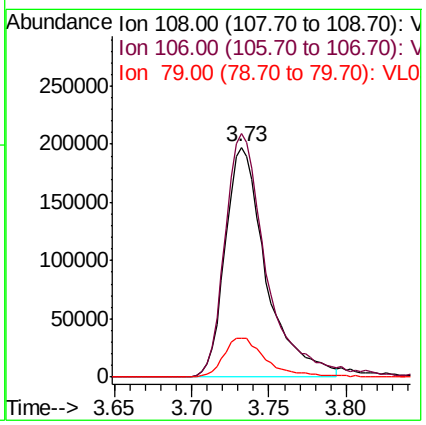


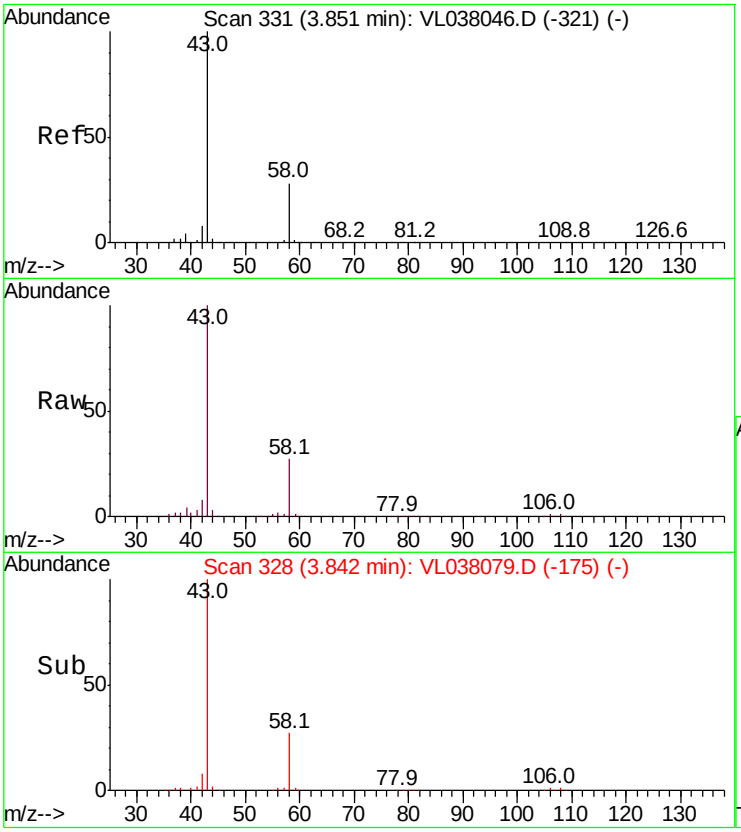


#14
Bromoethene
Concen: 9.786 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:108 Resp: 362075

Ion	Ratio	Lower	Upper
108	100		
106	109.9	89.4	134.0
79	18.0	14.1	21.1



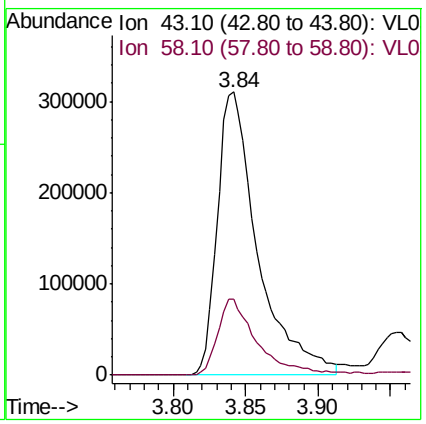


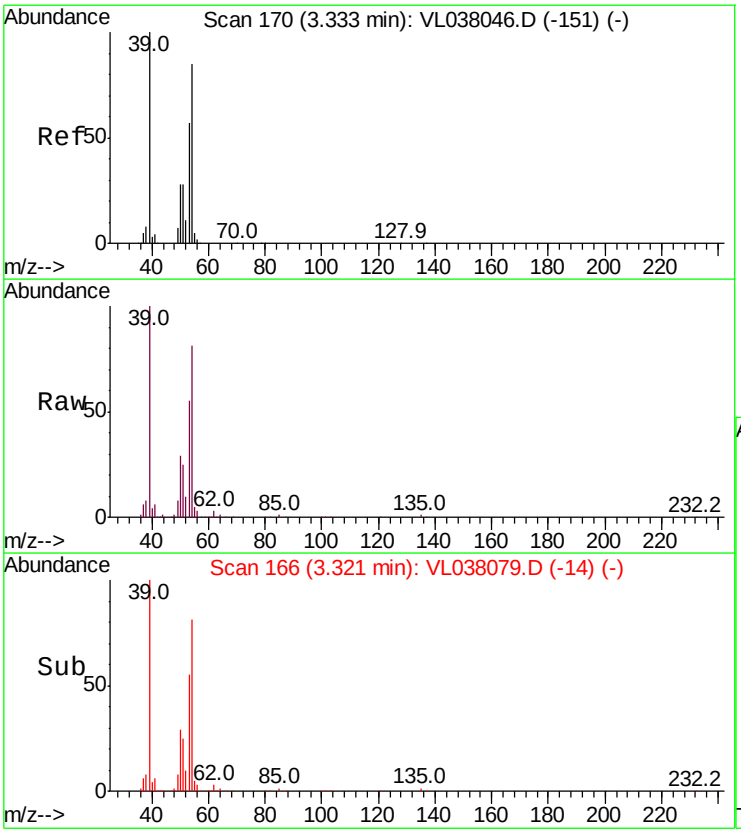
#15
Acetone
Concen: 9.304 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 599795

Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.4	33.6

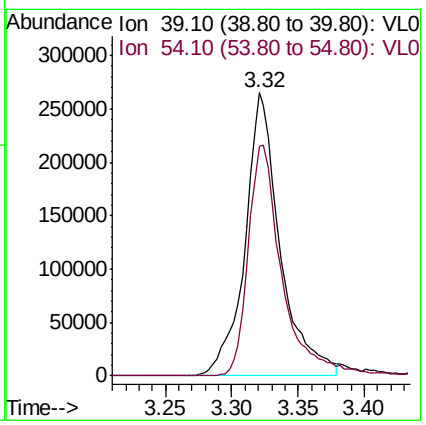


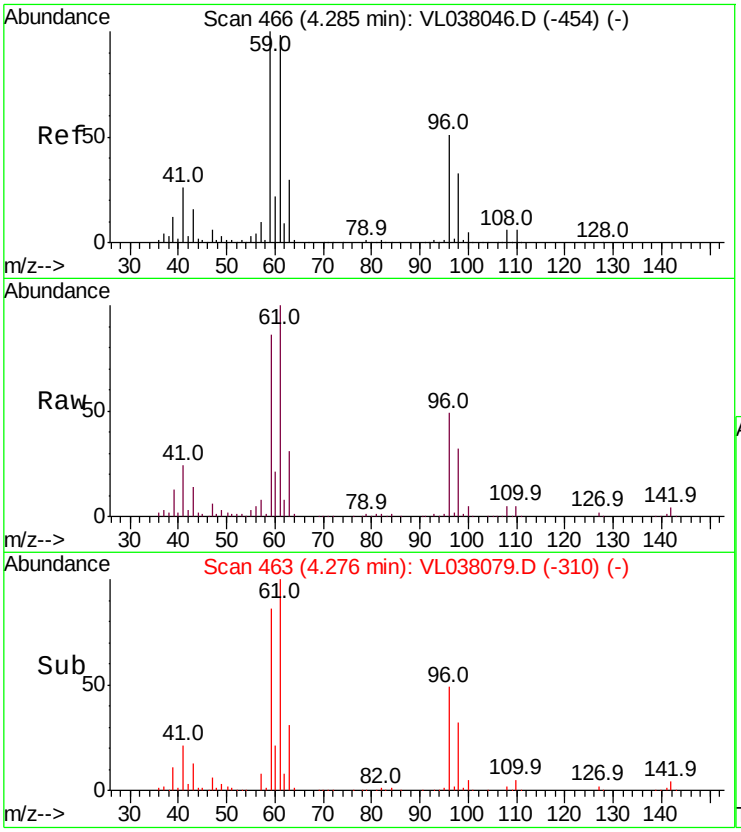


#16
1,3-Butadiene
Concen: 9.697 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 39 Resp: 487697

Ion	Ratio	Lower	Upper
39	100		
54	80.1	64.4	96.6



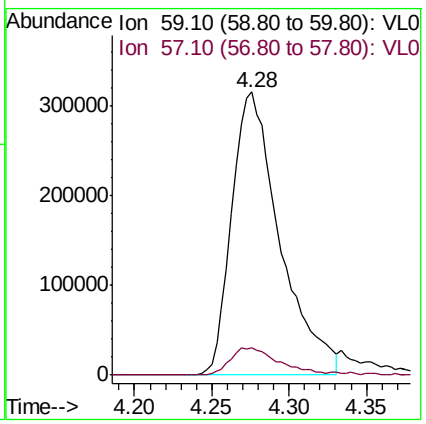


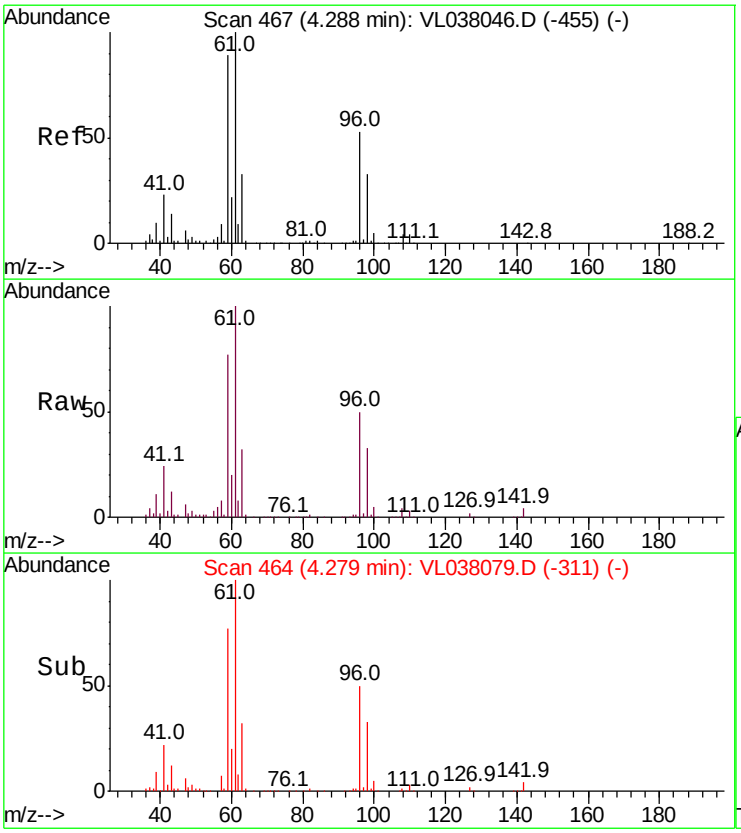
#17
tert-Butyl alcohol
Concen: 8.750 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 684178

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	13.0

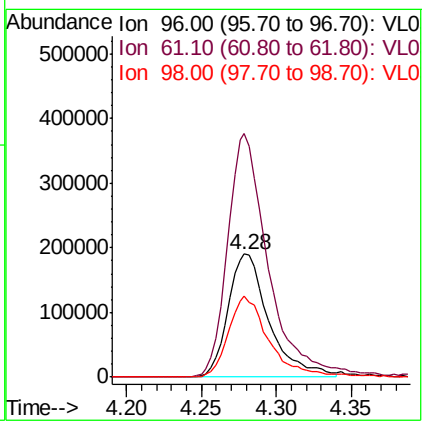


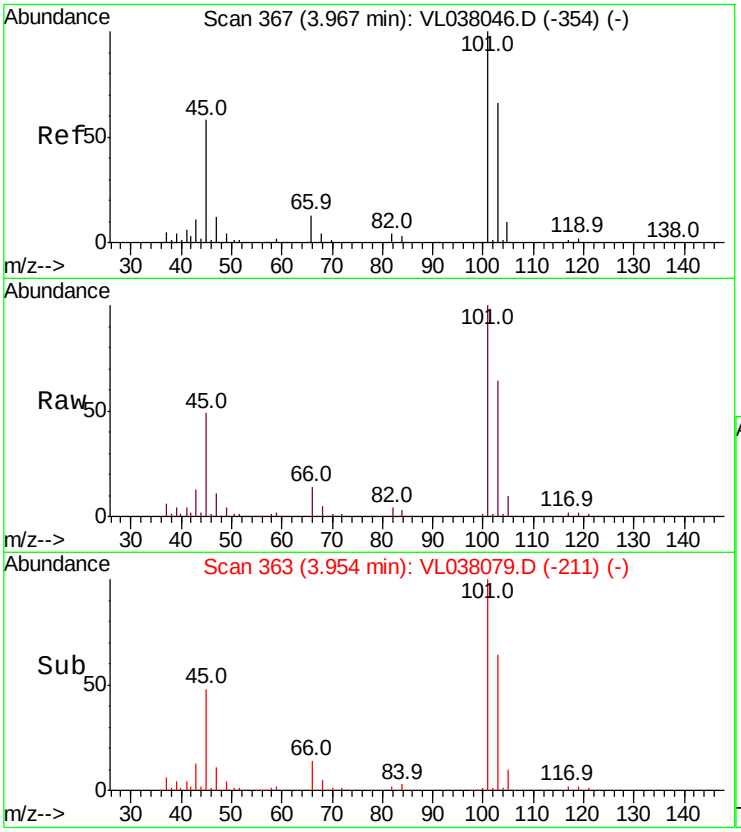


#18
1,1-Dichloroethene
Concen: 9.548 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 96 Resp: 361900

Ion	Ratio	Lower	Upper
96	100		
61	198.5	149.8	224.8
98	66.2	50.2	75.2



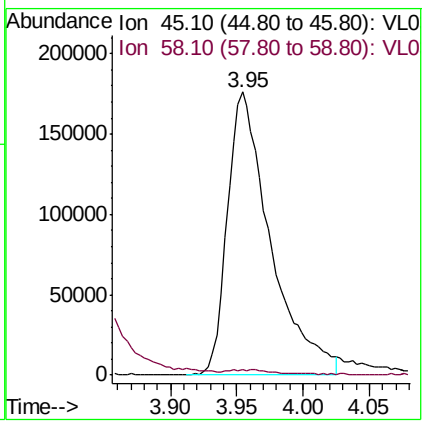


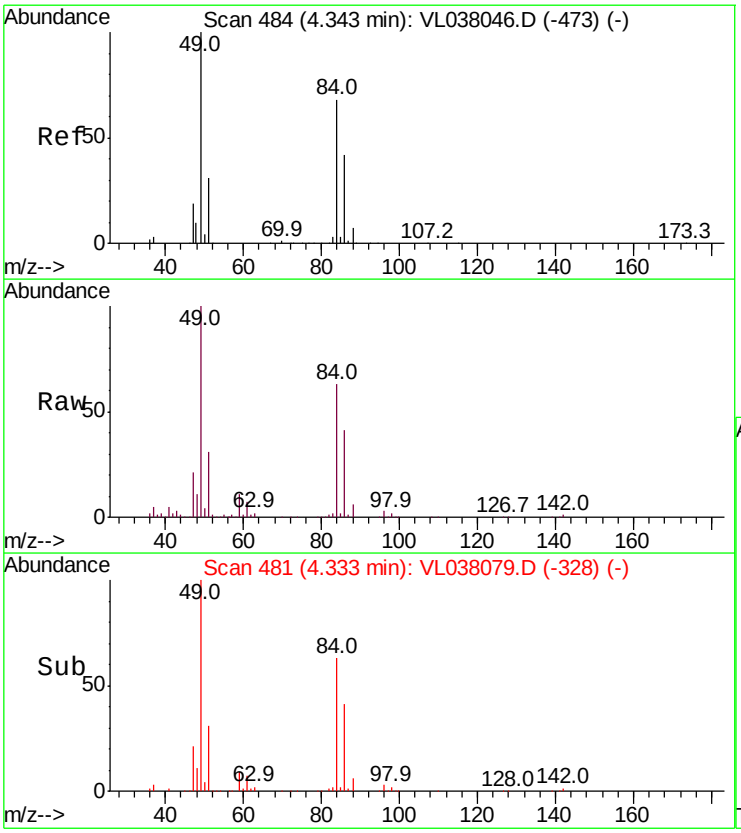
#19
Isopropyl Alcohol
Concen: 8.552 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 398347

Ion	Ratio	Lower	Upper
45	100		
58	2.5	1.4	2.0#

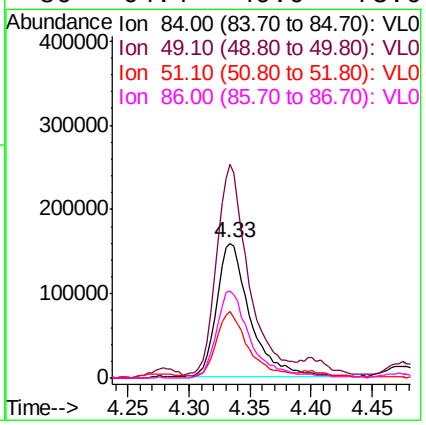


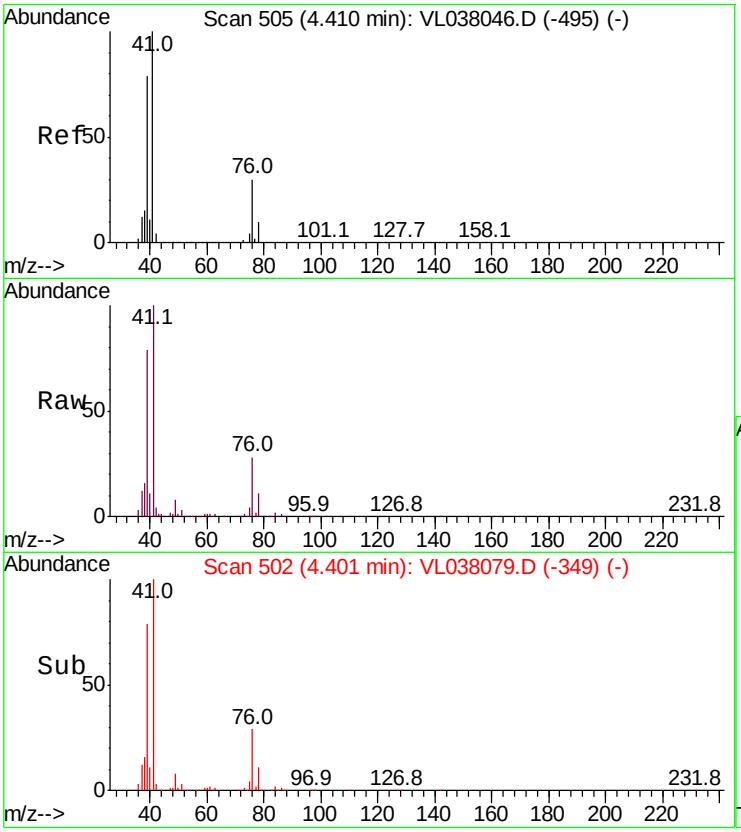


#20
Methylene Chloride
Concen: 8.563 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 84 Resp: 309168

Ion	Ratio	Lower	Upper
84	100		
49	156.5	118.2	177.2
51	48.4	36.8	55.2
86	64.4	49.0	73.6



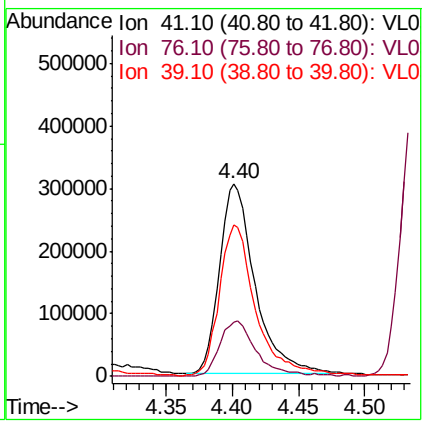


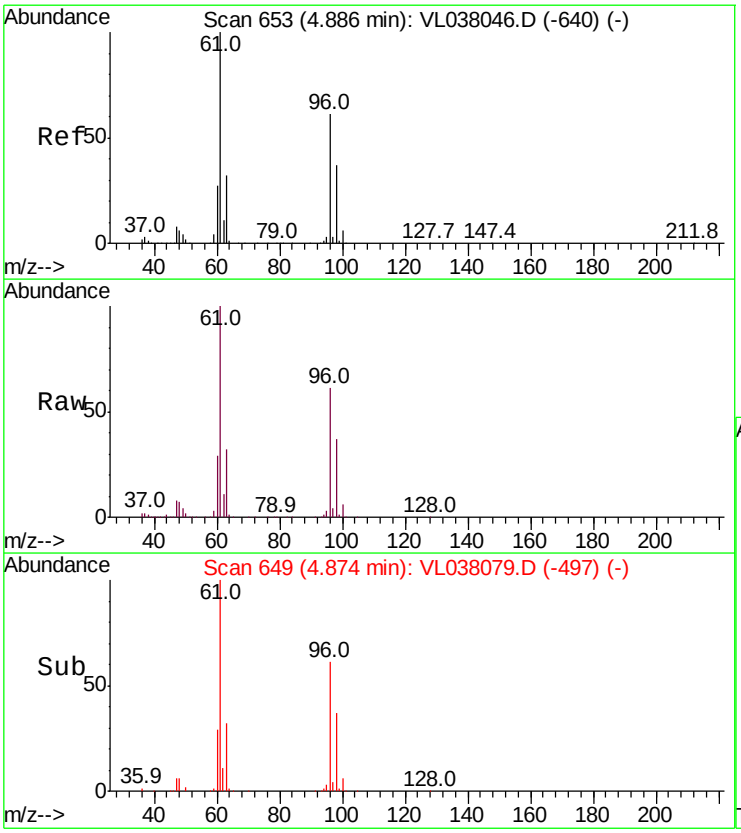
#21
Allvl Chloride
Concen: 9.495 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 566560

Ion	Ratio	Lower	Upper
41	100		
76	30.4	24.6	36.8
39	80.9	63.4	95.0

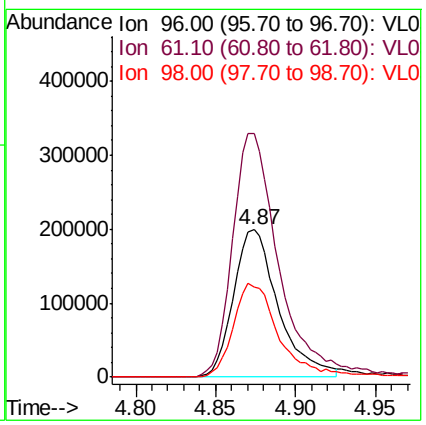


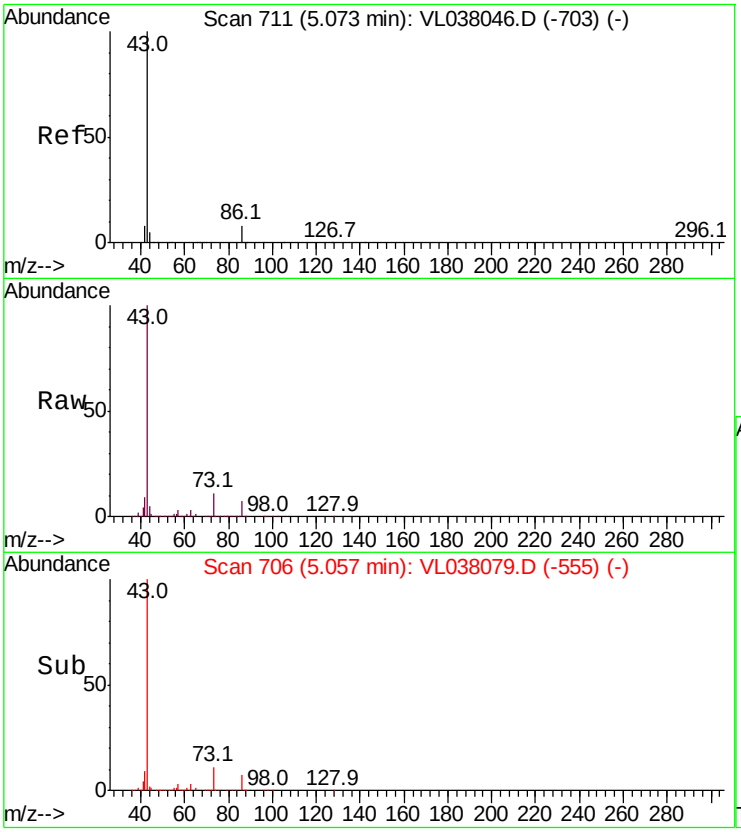


#22
trans-1,2-Dichloroethene
Concen: 9.938 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 96 Resp: 381542

Ion	Ratio	Lower	Upper
96	100		
61	165.0	131.6	197.4
98	61.4	48.4	72.6



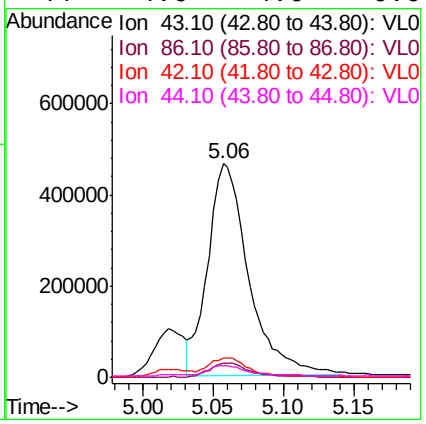


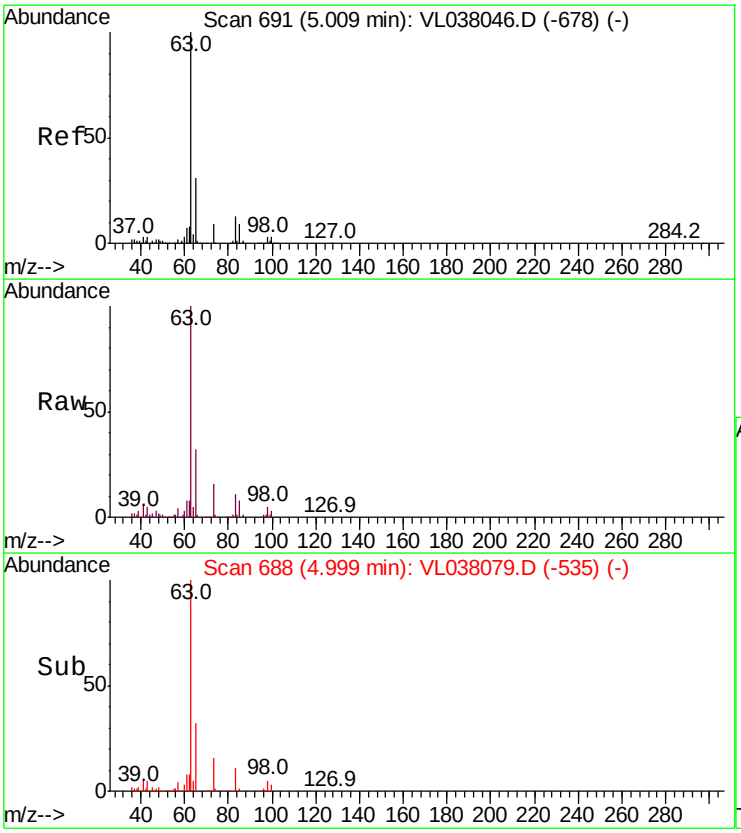
#23
Vinvl Acetate
Concen: 10.164 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 948516

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.3	7.9
42	8.8	7.0	10.6
44	4.6	4.0	6.0

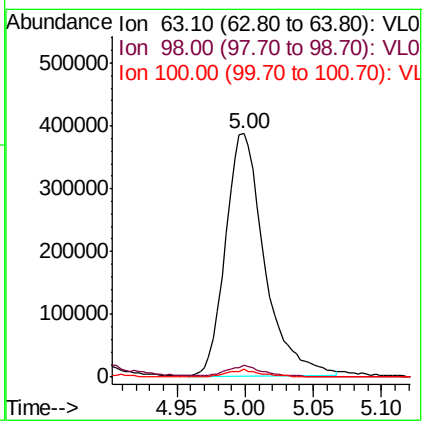


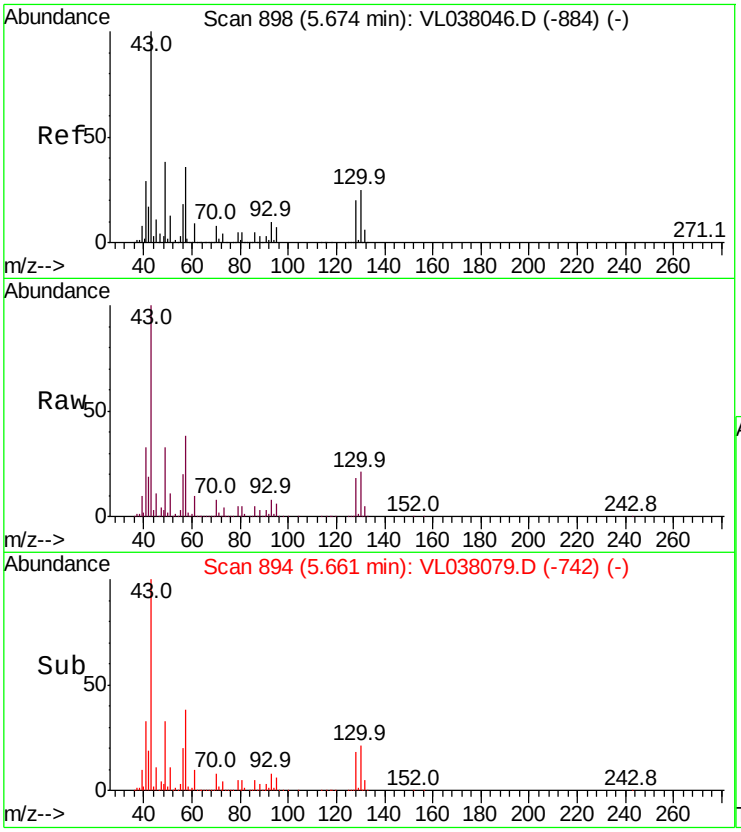


#24
1,1-Dichloroethane
Concen: 9.860 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 63 Resp: 766178

Ion	Ratio	Lower	Upper
63	100		
98	4.5	1.8	5.4
100	3.1	1.4	4.0



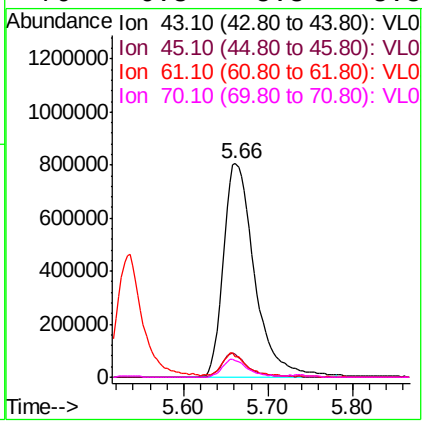


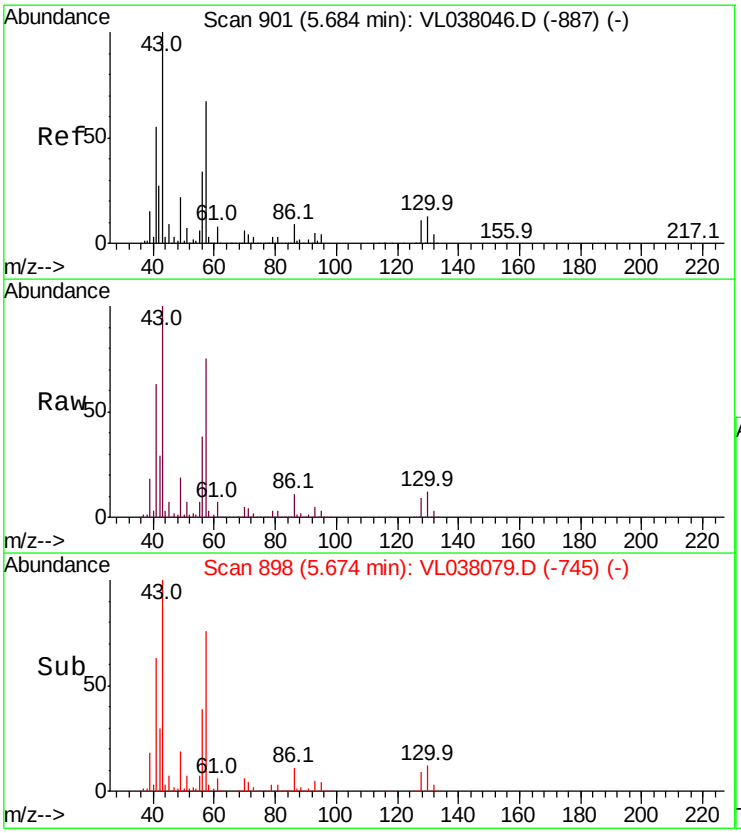
#25
Ethyl Acetate
Concen: 9.645 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2066291

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	9.4	7.8	11.6
70	6.8	5.8	8.8

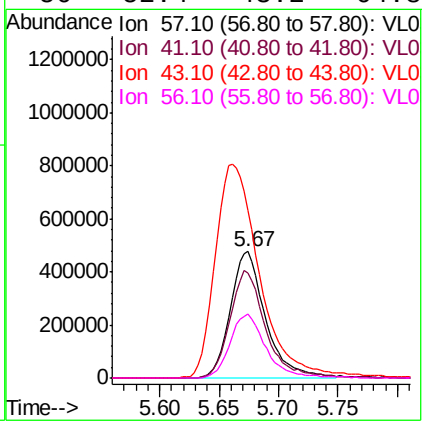


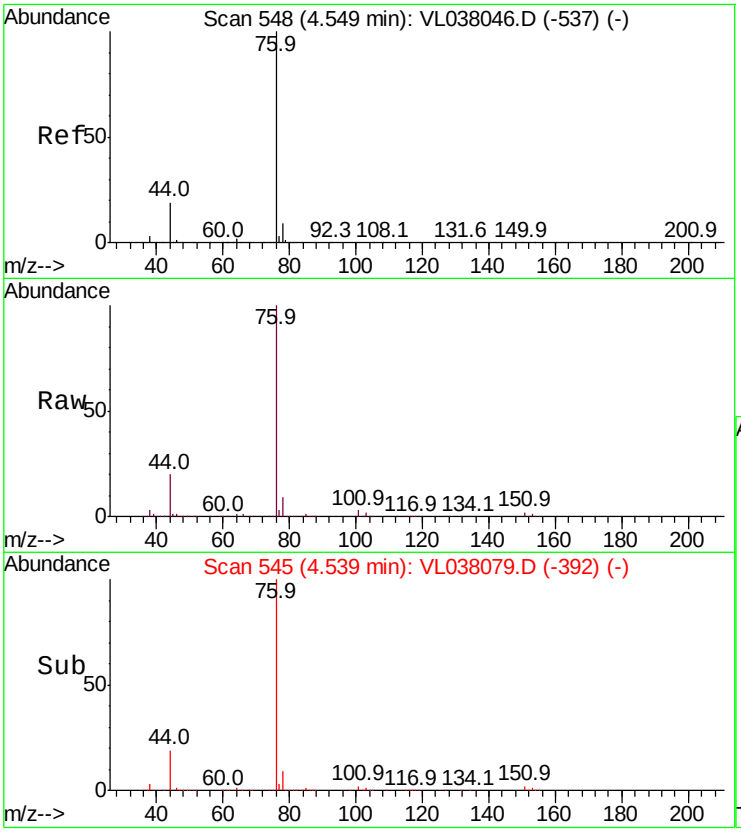


#26
Hexane
Concen: 9.429 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 57 Resp: 973723

Ion	Ratio	Lower	Upper
57	100		
41	86.7	71.4	107.2
43	214.0	174.6	261.8
56	52.4	43.2	64.8



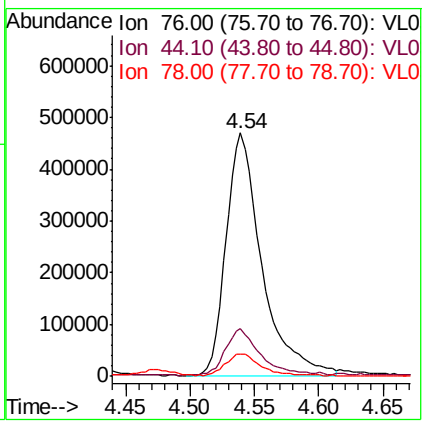


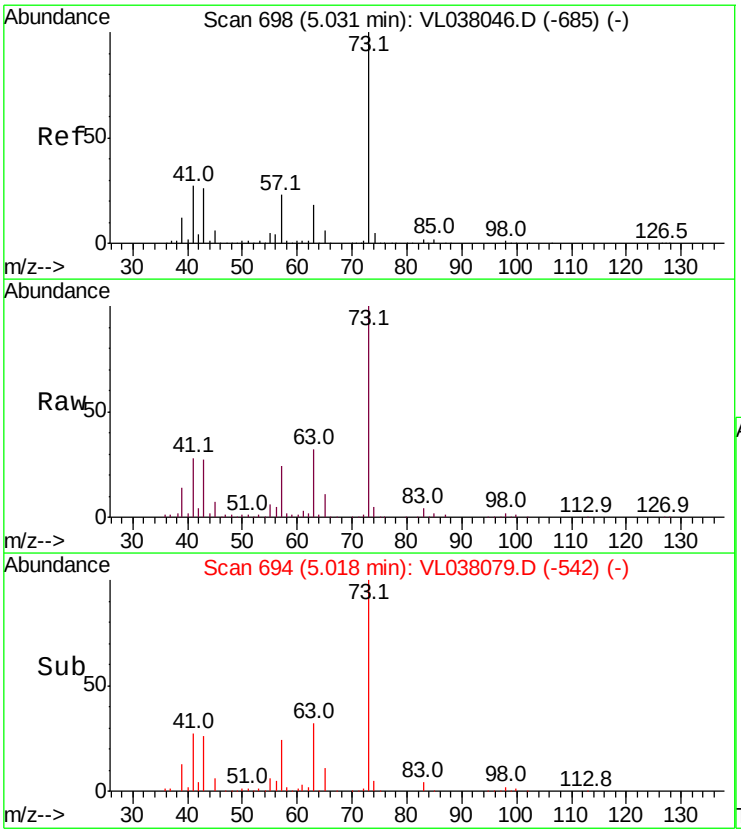
#27
Carbon Disulfide
Concen: 9.778 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 904532

Ion	Ratio	Lower	Upper
76	100		
44	19.7	14.9	22.3
78	9.6	7.6	11.4

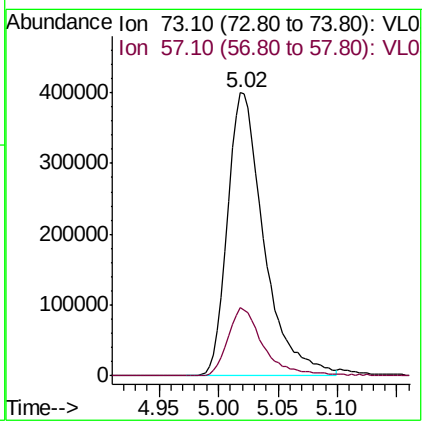


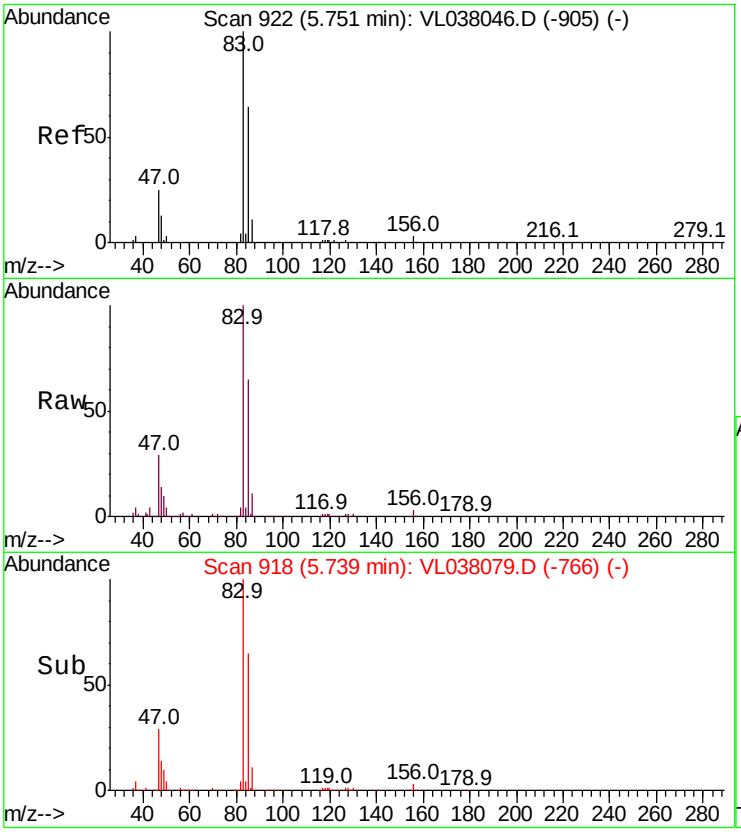


#28
Methyl tert-Butyl Ether
Concen: 9.692 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 73 Resp: 850203

Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.0	28.4



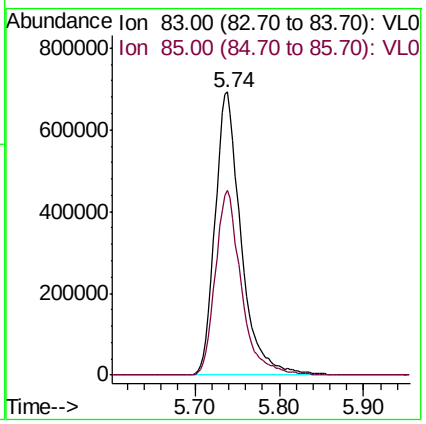


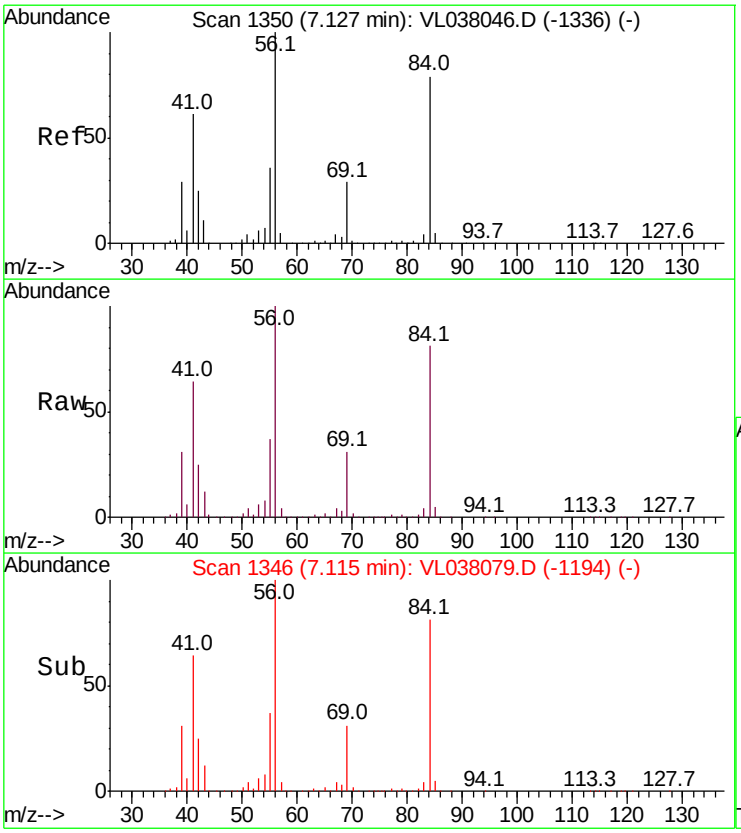
#29
Chloroform
Concen: 9.741 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1482548

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.0	76.6

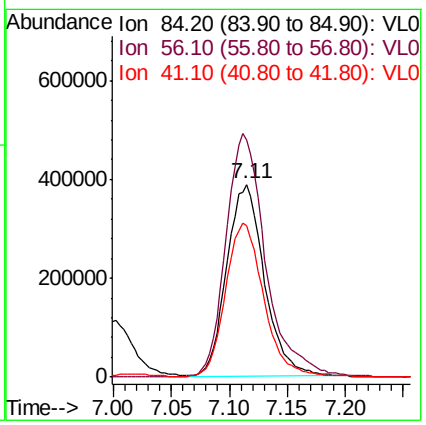


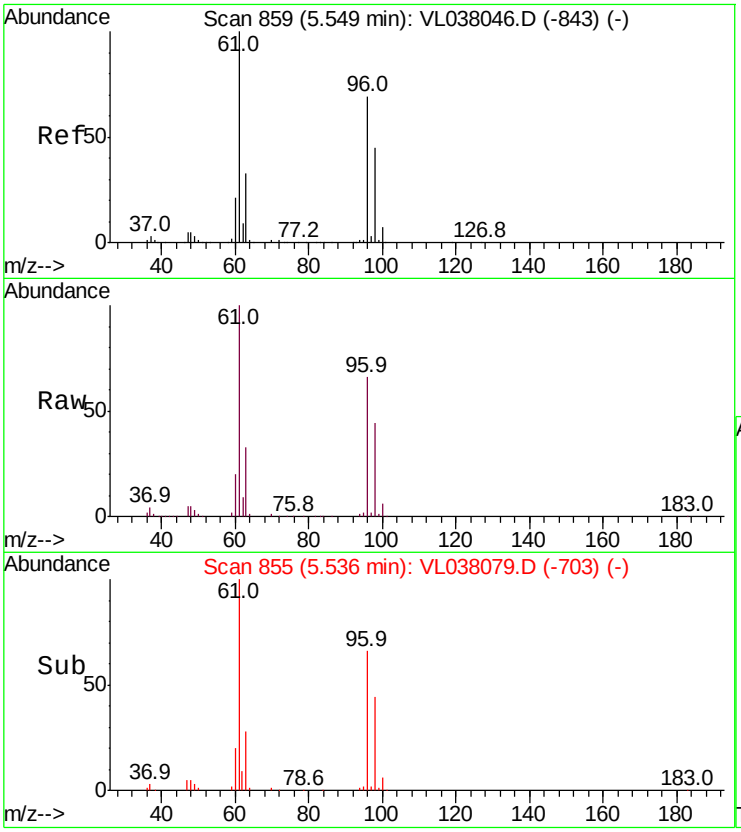


#30
Cyclohexane
Concen: 9.287 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 84 Resp: 870668

Ion	Ratio	Lower	Upper
84	100		
56	135.4	108.1	162.1
41	81.9	64.4	96.6



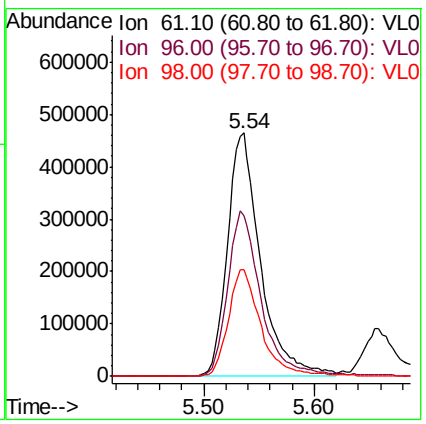


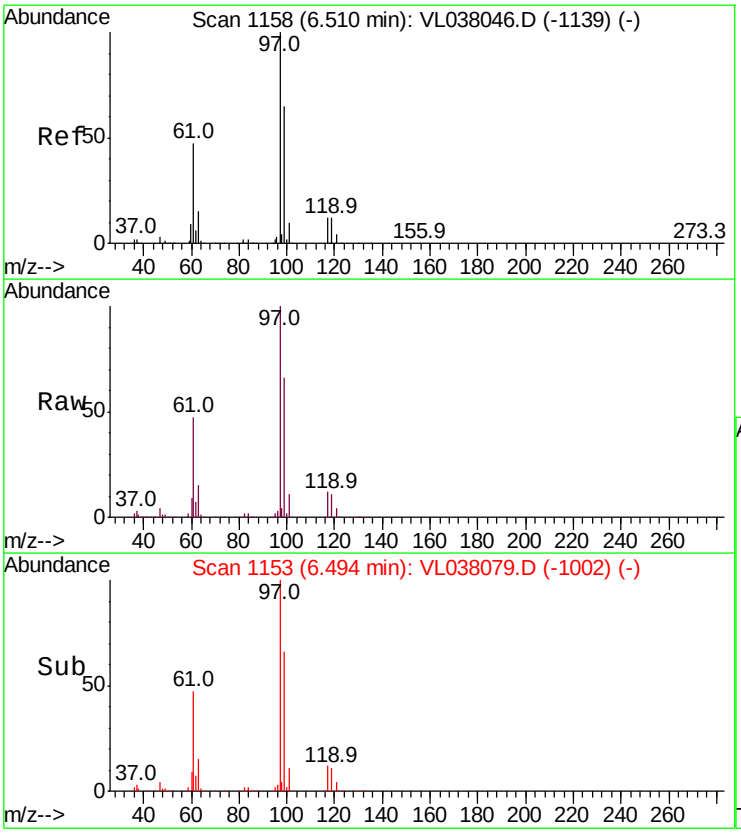
#31
cis-1,2-Dichloroethene
Concen: 9.819 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 964572

Ion	Ratio	Lower	Upper
61	100		
96	66.0	55.4	83.2
98	43.6	35.7	53.5

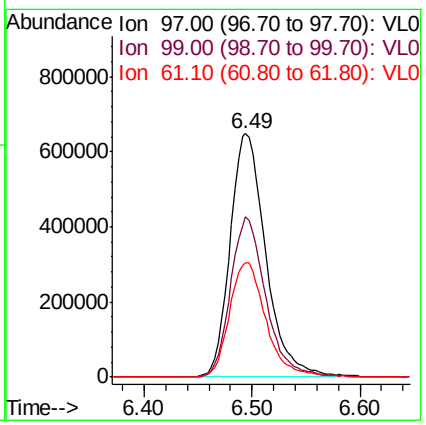


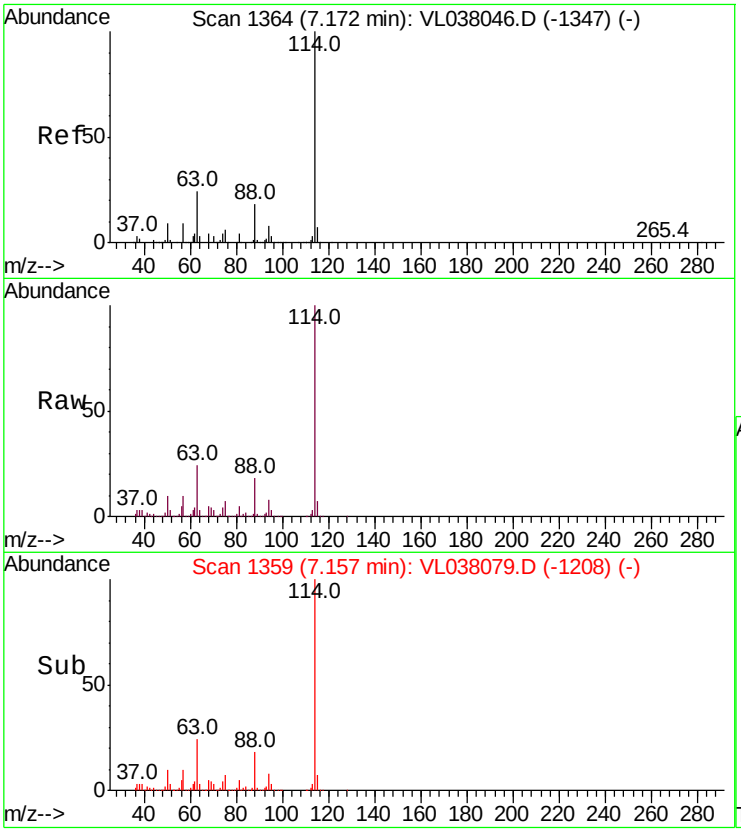


#32
1,1,1-Trichloroethane
Concen: 9.632 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 97 Resp: 1487698

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.4
61	48.2	37.7	56.5



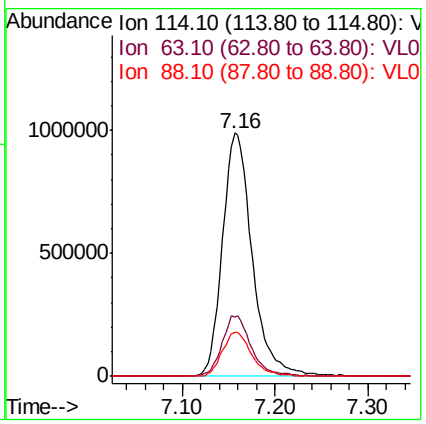


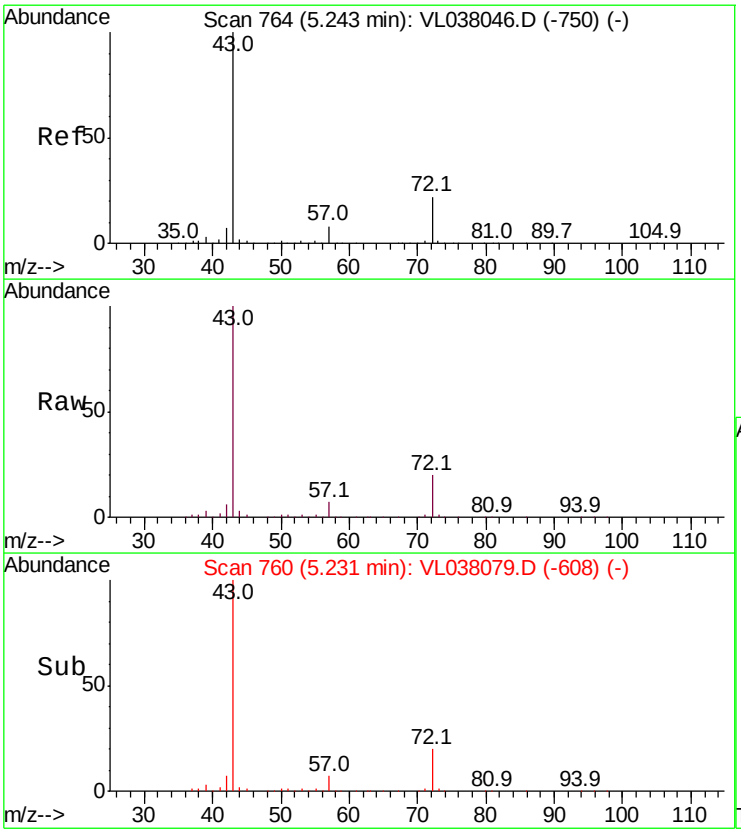
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2199437

Ion	Ratio	Lower	Upper
114	100		
63	25.0	19.7	29.5
88	18.1	14.4	21.6

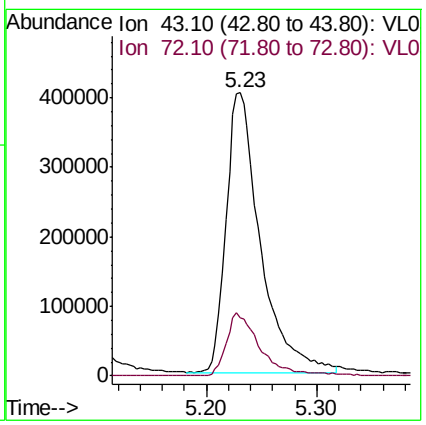


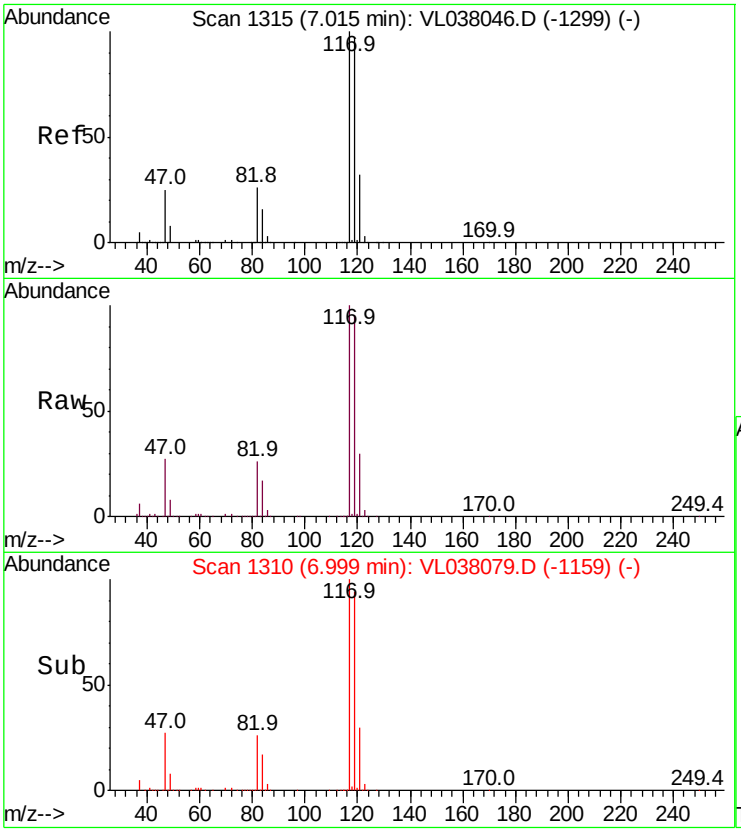


#34
2-Butanone
Concen: 9.819 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 43 Resp: 870773

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.8	28.2



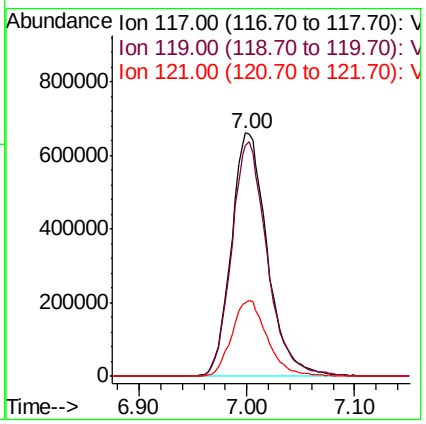


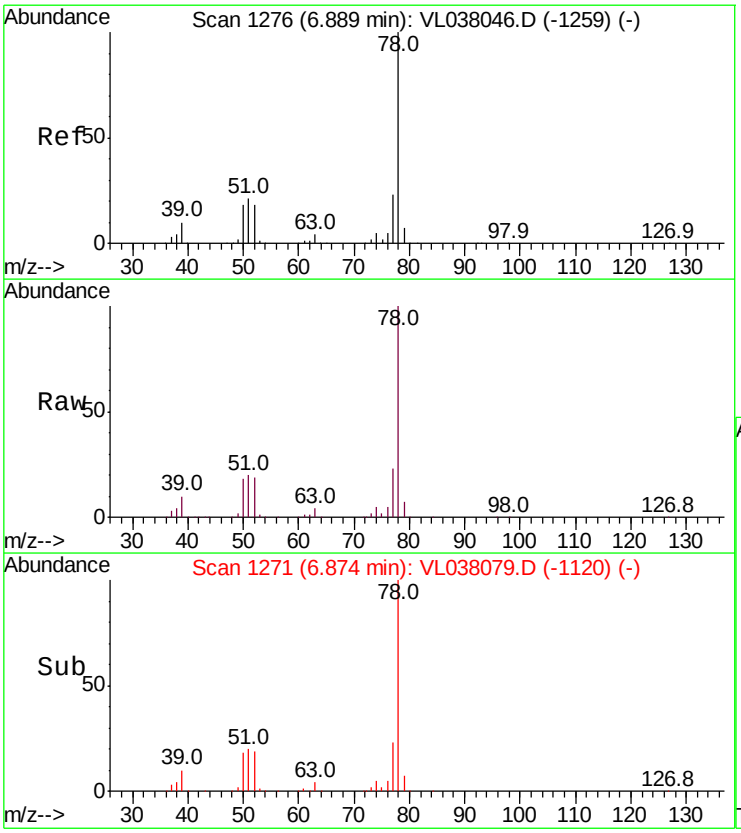
#35
Carbon Tetrachloride
Concen: 9.931 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1534669

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.7	116.5
121	30.3	25.6	38.4

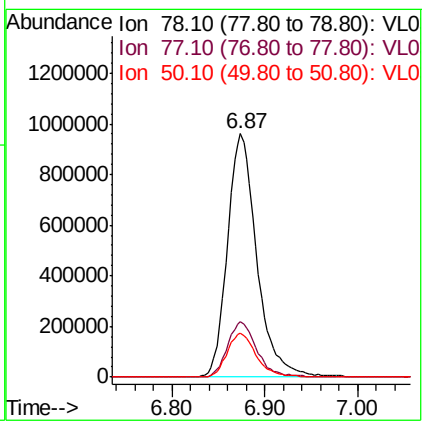


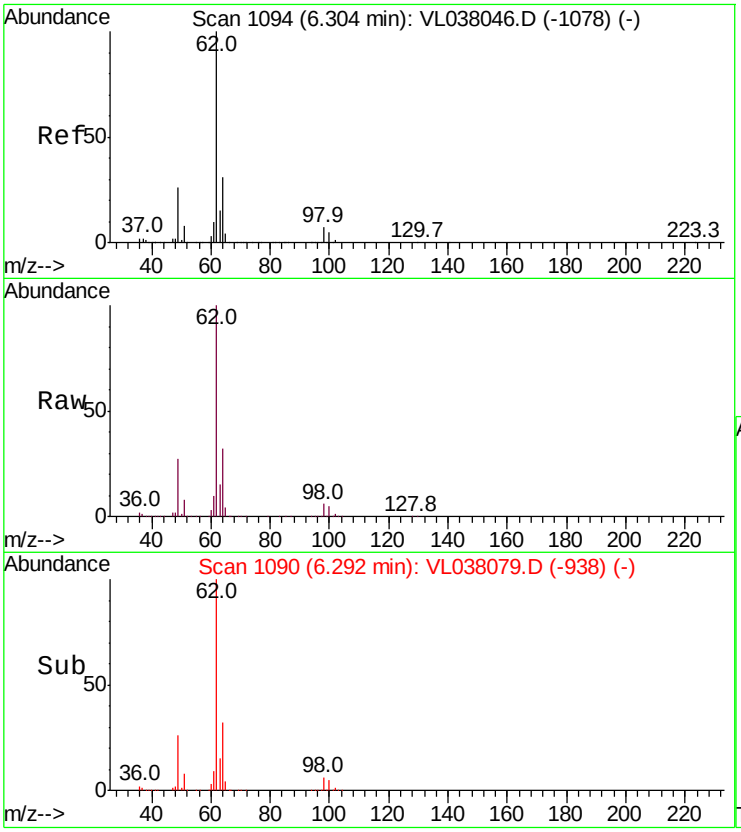


#36
Benzene
Concen: 9.617 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 78 Resp: 2109915

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.4
50	18.1	14.7	22.1



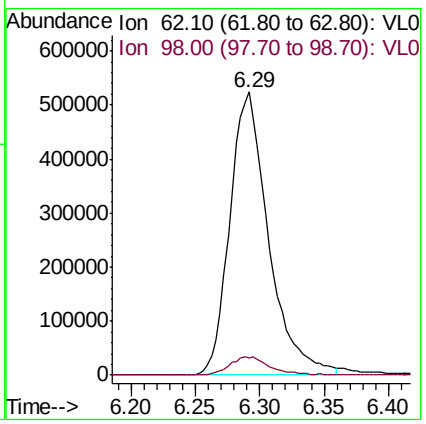


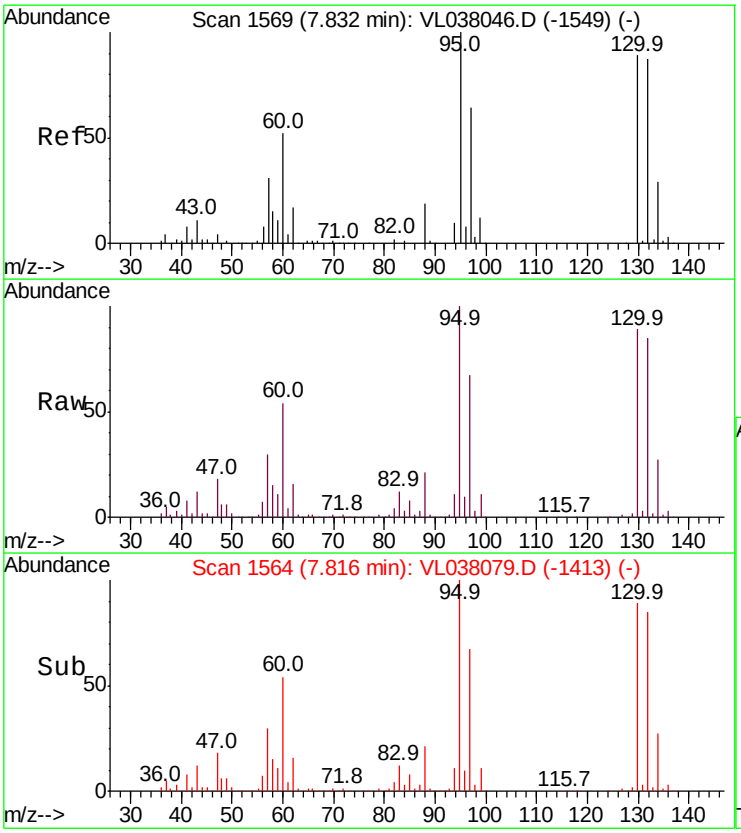
#37
1,2-Dichloroethane
Concen: 10.348 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1096478

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.8	8.6

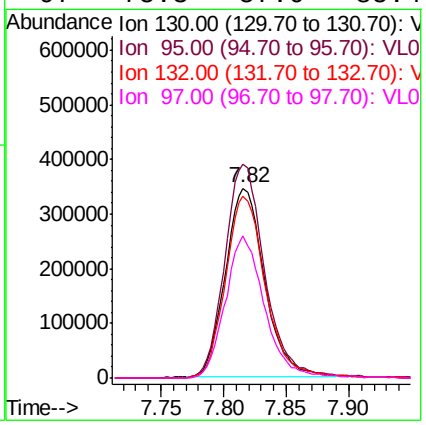


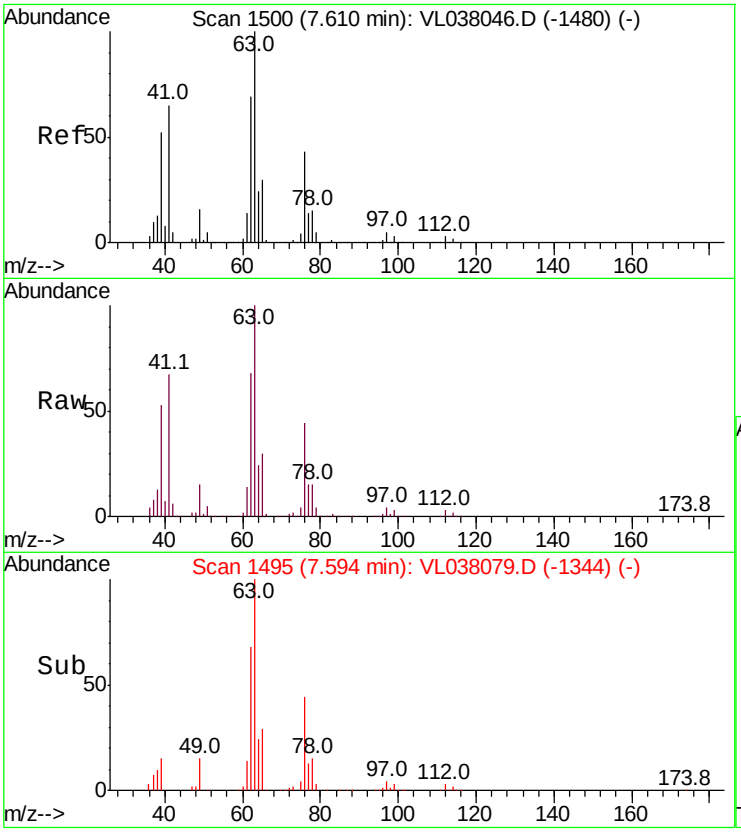


#38
Trichloroethene
Concen: 9.079 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:130 Resp: 751398

Ion	Ratio	Lower	Upper
130	100		
95	112.9	89.4	134.2
132	95.9	78.2	117.2
97	75.3	57.0	85.4



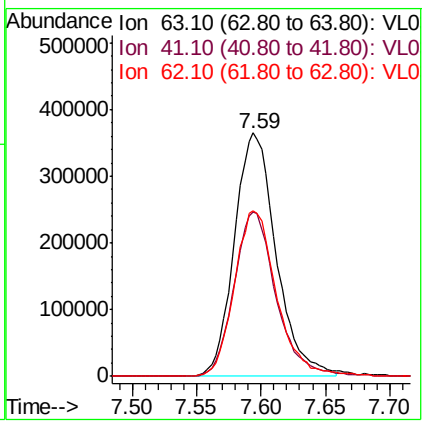


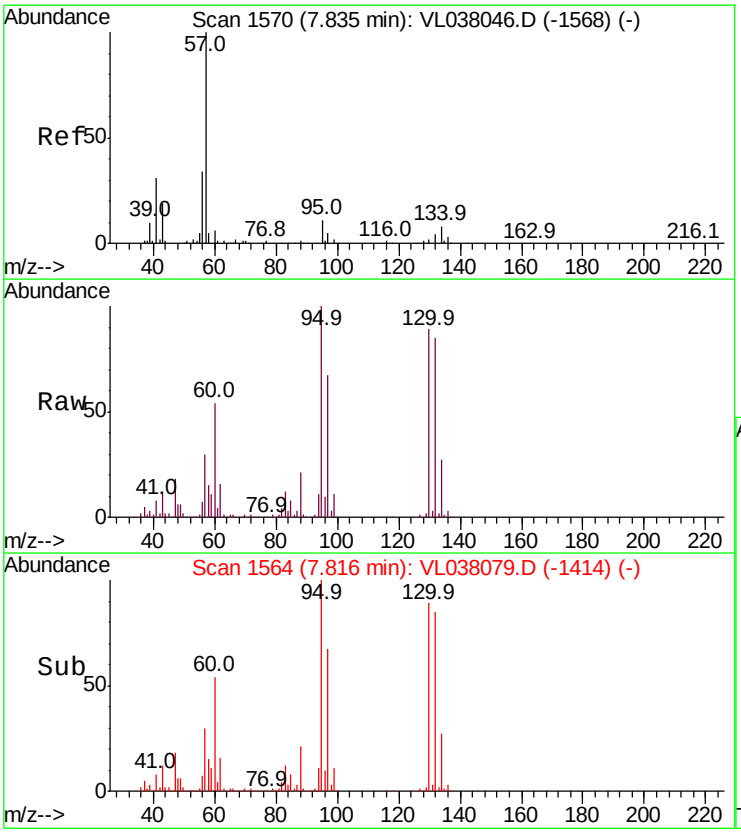
#39
1,2-Dichloropropane
Concen: 9.758 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 821265

Ion	Ratio	Lower	Upper
63	100		
41	67.3	52.3	78.5
62	67.9	55.1	82.7

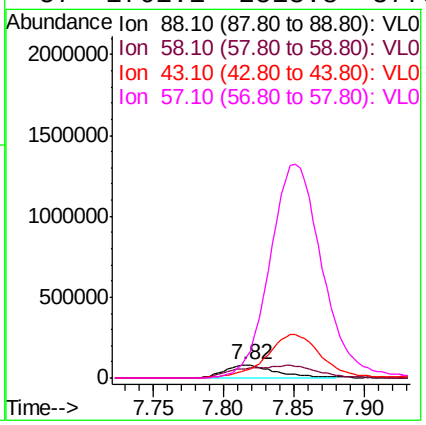


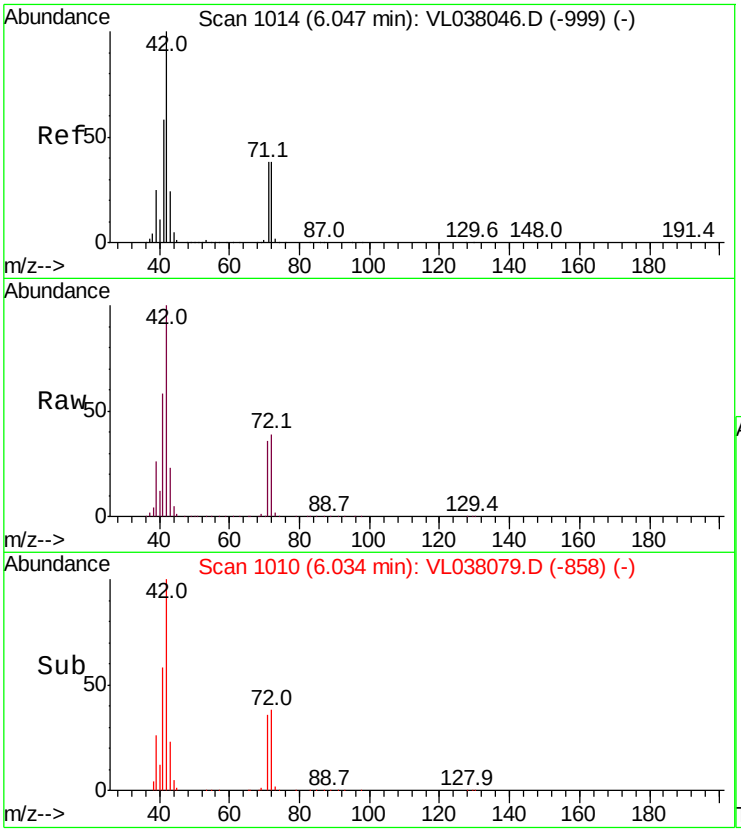


#40
1,4-Dioxane
Concen: 8.914 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 88 Resp: 195452

Ion	Ratio	Lower	Upper
88	100		
58	159.5	229.2	343.8#
43	383.1	553.3	829.9#
57	1761.1	2513.8	3770.8#



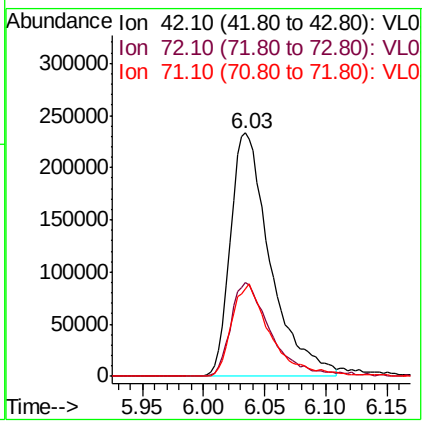


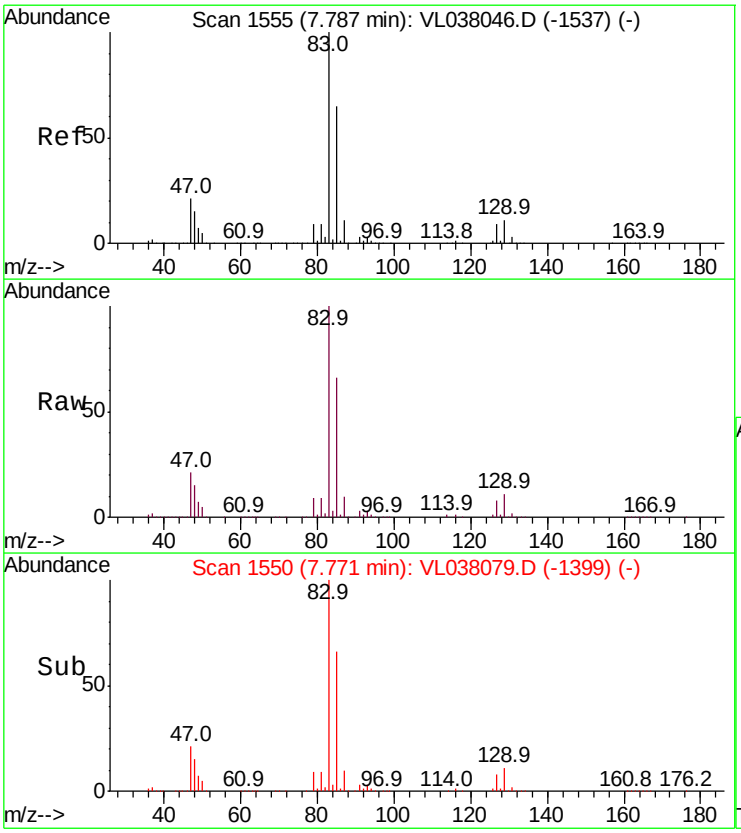
#41
Tetrahydrofuran
Concen: 9.648 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 531152

Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.7	47.5
71	37.5	30.6	46.0

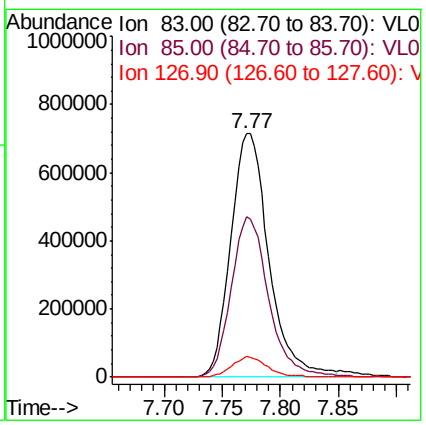


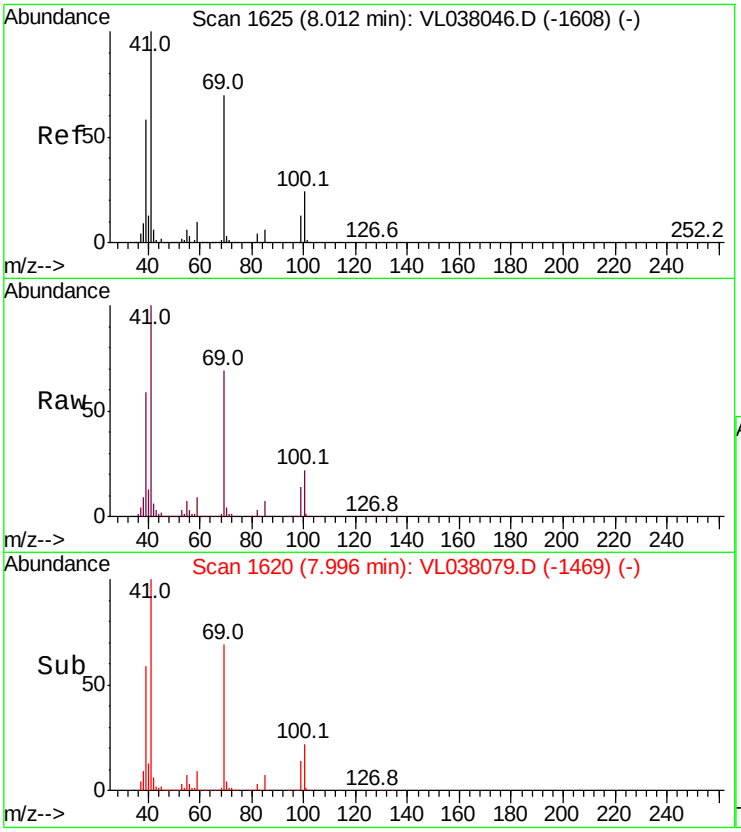


#42
Bromodichloromethane
Concen: 10.118 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 83 Resp: 1629953

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.9	77.9
127	8.4	6.8	10.2



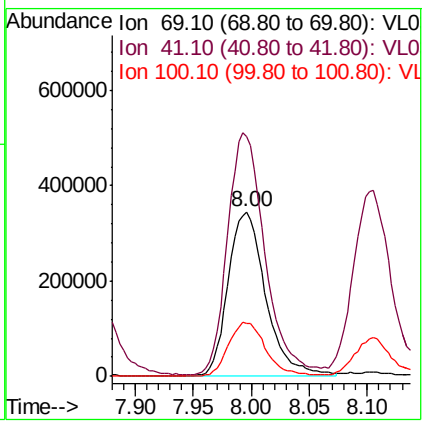


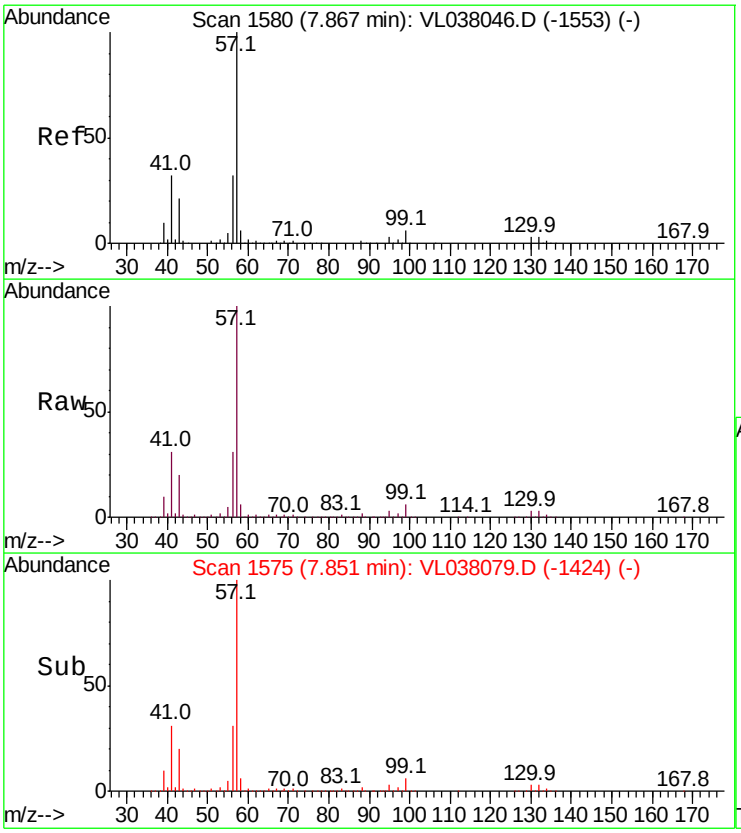
#43
Methyl Methacrylate
Concen: 10.417 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 781881

Ion	Ratio	Lower	Upper
69	100		
41	147.7	116.7	175.1
100	32.8	27.3	40.9

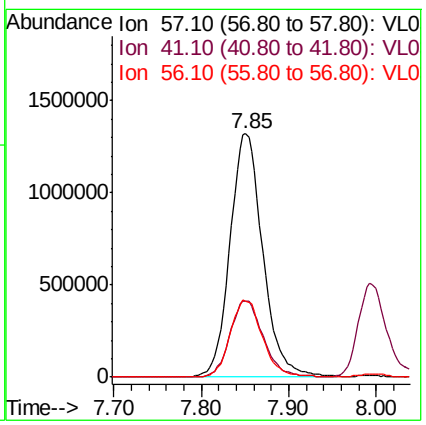


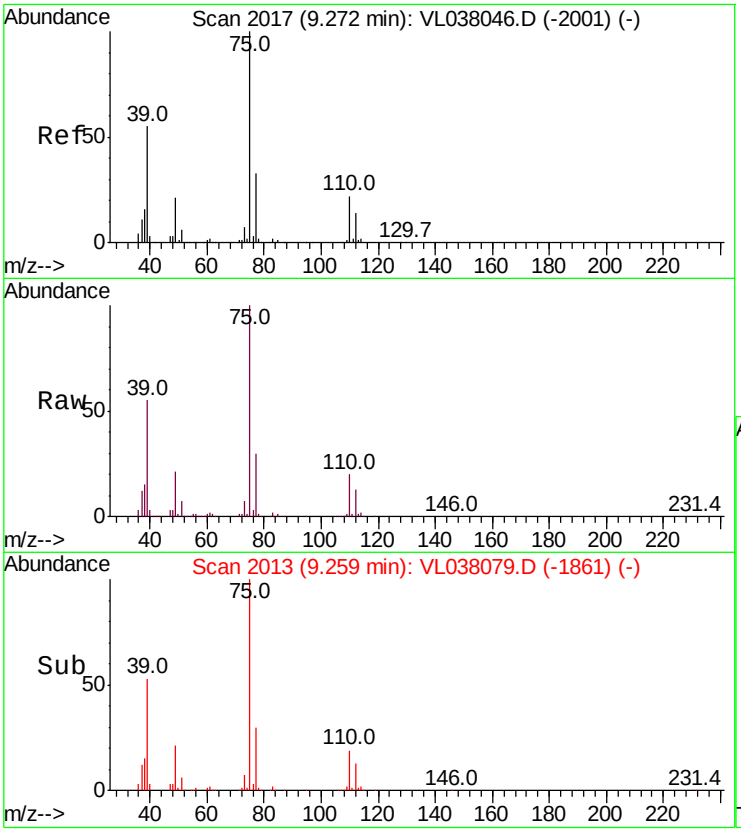


#44
2,2,4-Trimethylpentane
Concen: 9.349 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 57 Resp: 3431893

Ion	Ratio	Lower	Upper
57	100		
41	31.9	25.8	38.6
56	31.3	25.6	38.4



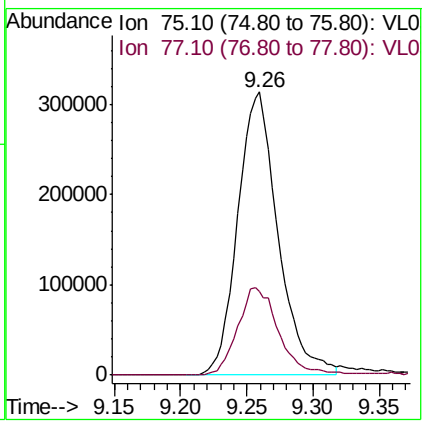


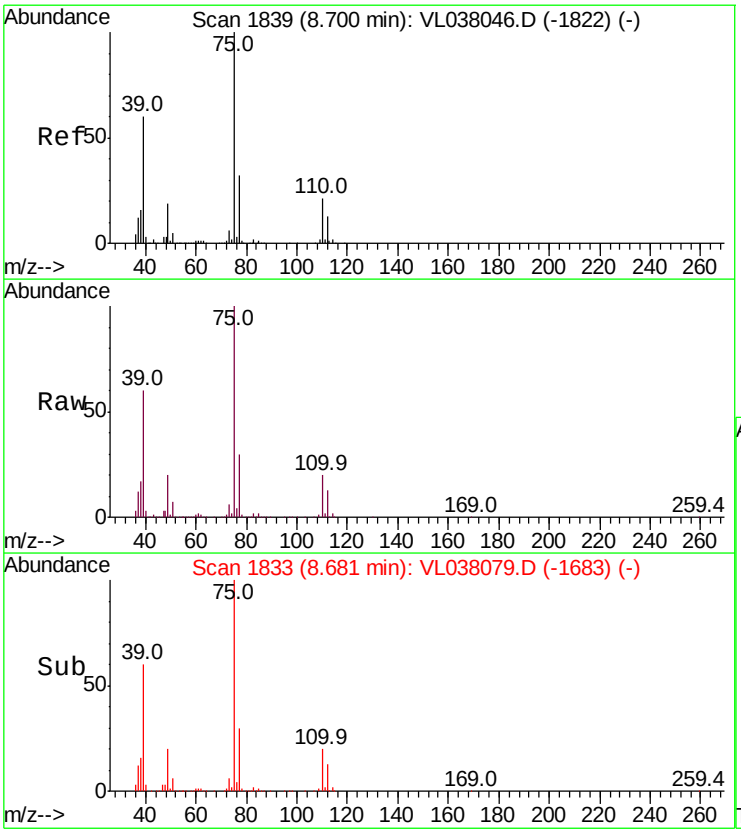
#45
t-1,3-Dichloropropene
Concen: 10.973 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 660676

Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.2	39.4

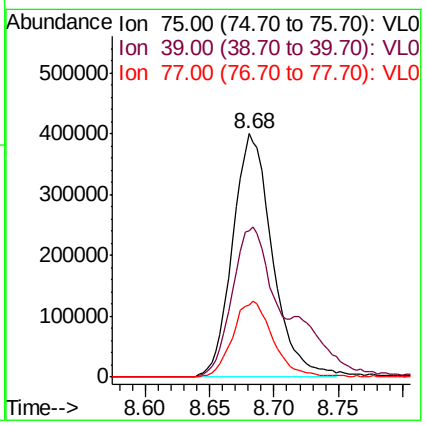


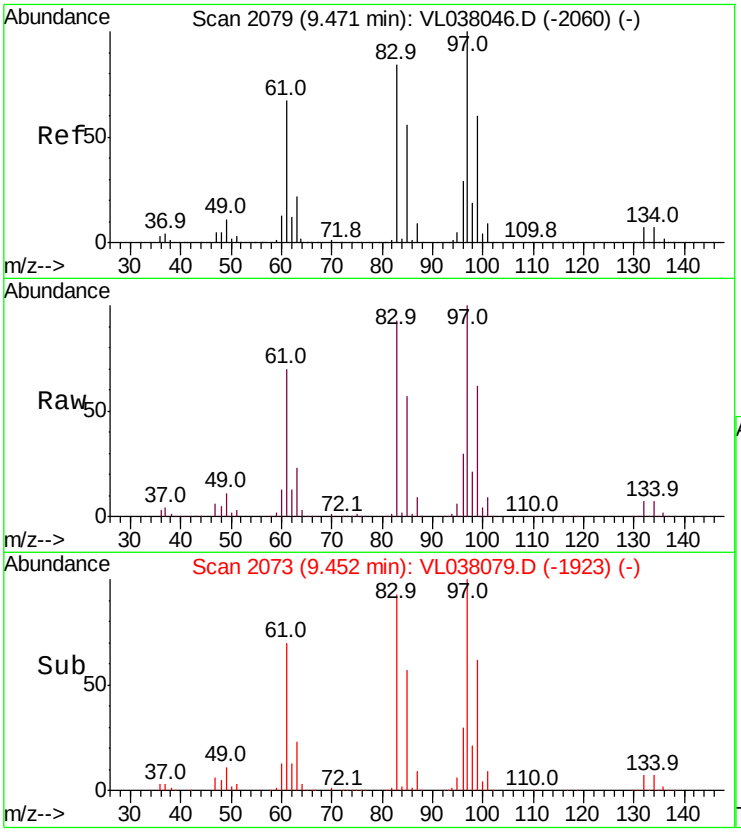


#46
cis-1,3-Dichloropropene
Concen: 10.518 ppbv
RT: 8.68 min Scan# 1833
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 75 Resp: 856545

Ion	Ratio	Lower	Upper
75	100		
39	60.1	47.8	71.8
77	29.5	25.5	38.3



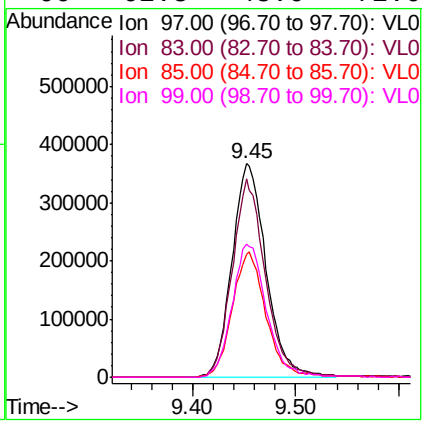


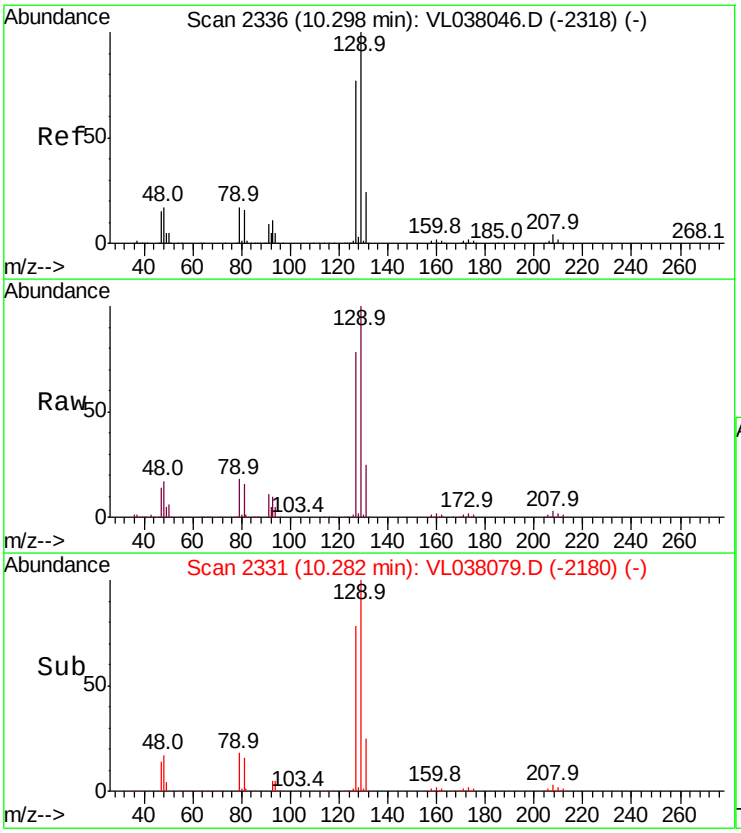
#47
1,1,2-Trichloroethane
Concen: 9.580 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 844451

Ion	Ratio	Lower	Upper
97	100		
83	92.7	66.8	100.2
85	57.4	44.9	67.3
99	62.3	48.0	72.0

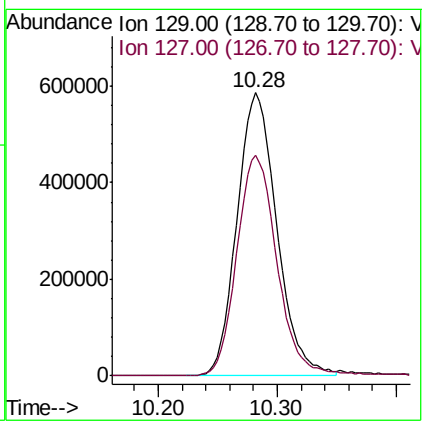


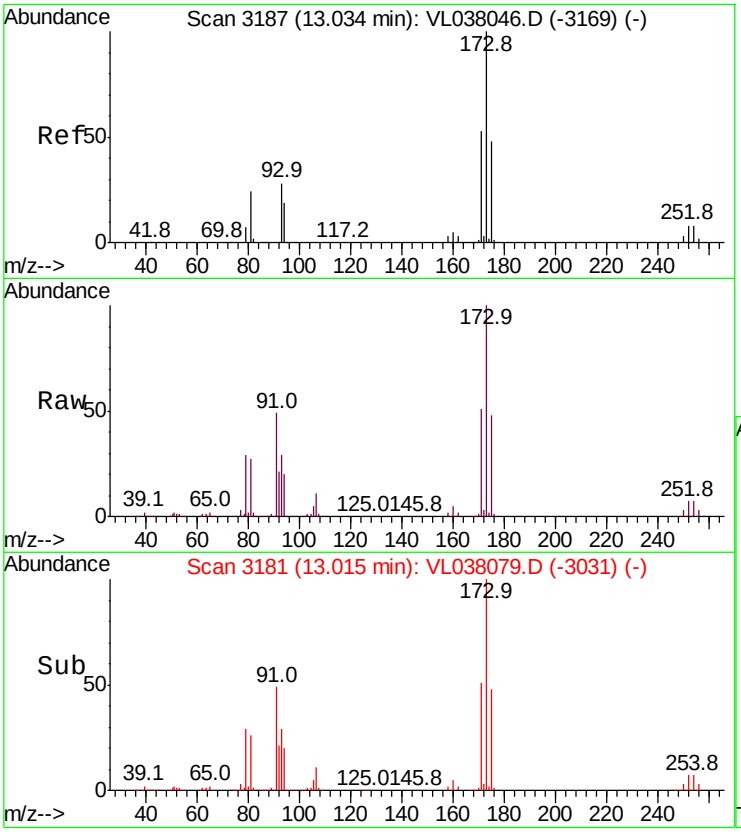


#48
Dibromochloromethane
Concen: 10.135 ppbv
RT: 10.28 min Scan# 2331
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:129 Resp: 1360382

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.4	118.1



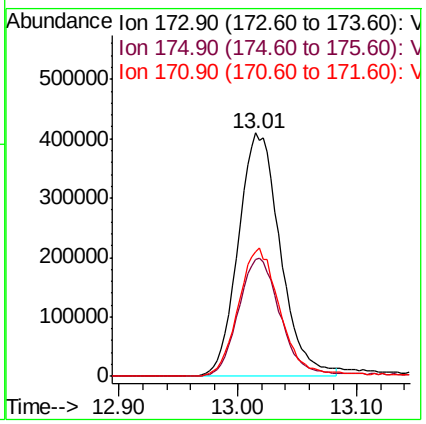


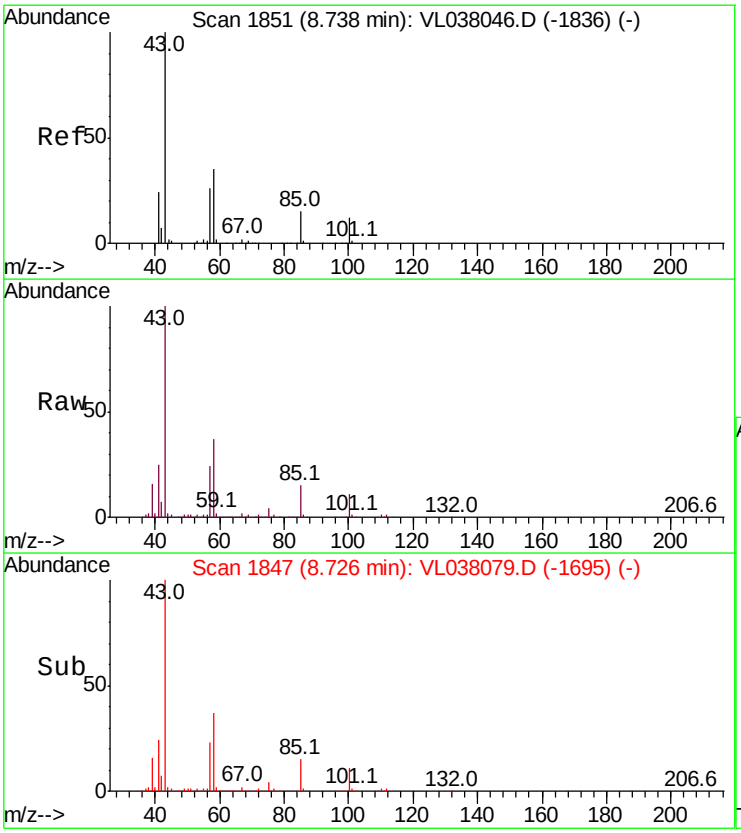
#49
Bromoform
Concen: 10.456 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1004140

Ion	Ratio	Lower	Upper
173	100		
175	50.9	42.5	63.7
171	54.3	44.0	66.0

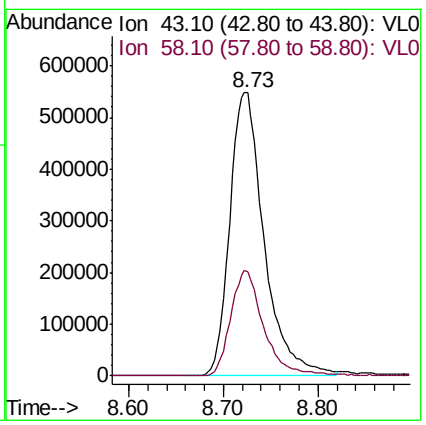


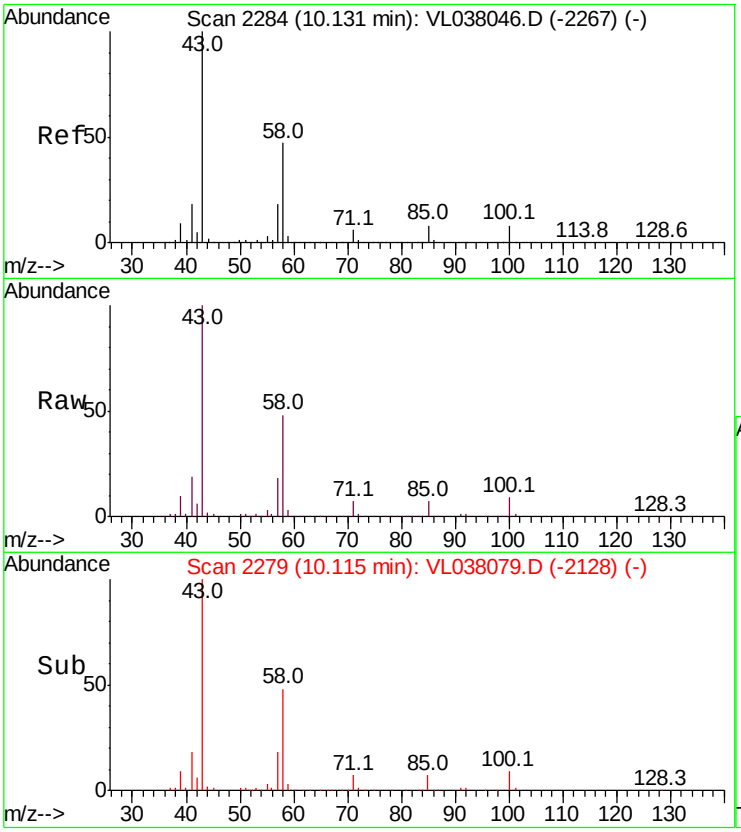


#50
4-Methyl-2-Pentanone
Concen: 10.282 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 43 Resp: 1384840

Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.4	44.2



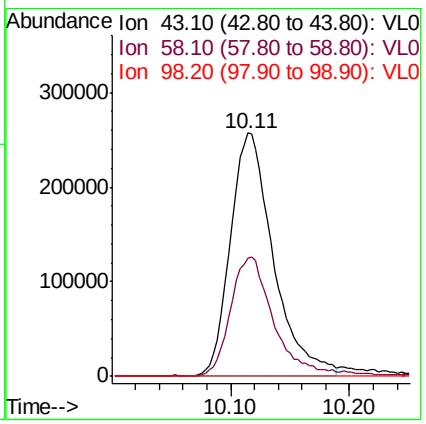


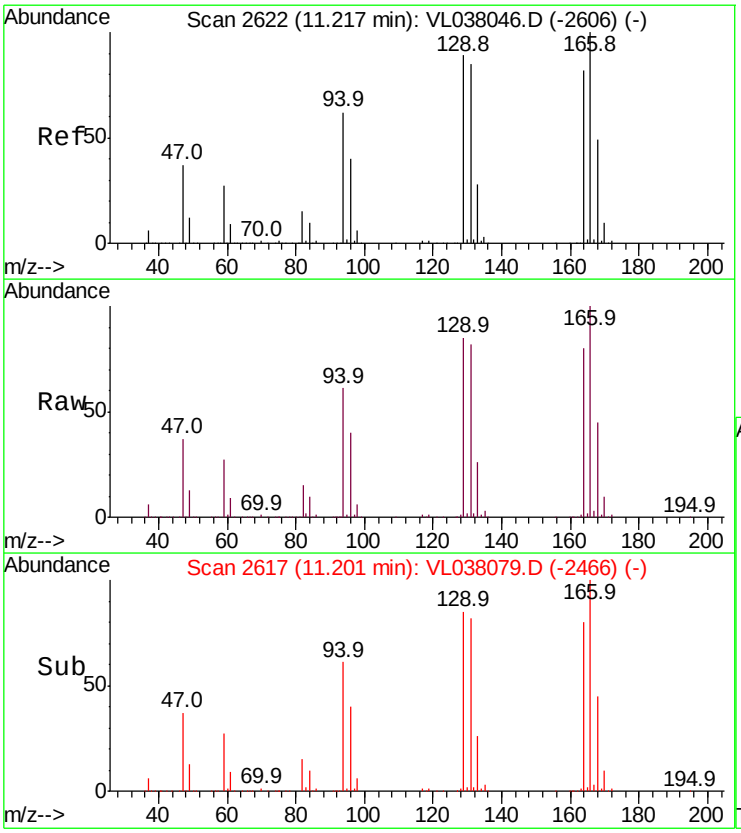
#51
2-Hexanone
Concen: 10.132 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 642038

Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.1	61.7
98	0.2	0.1	0.1#

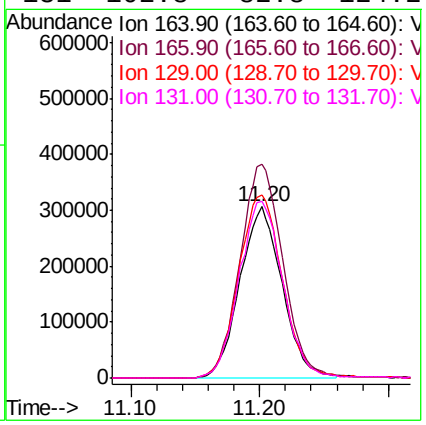


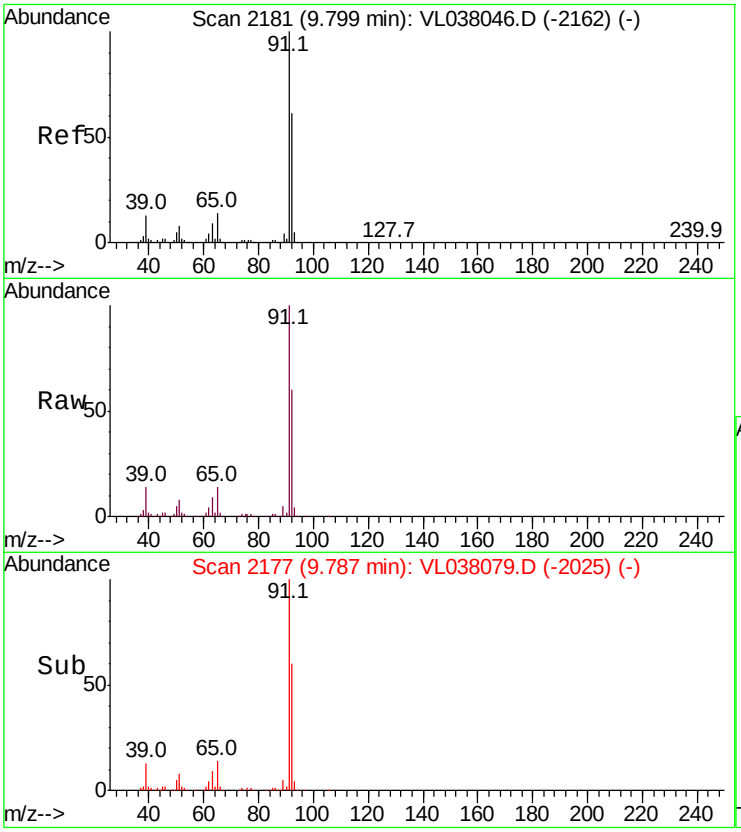


#52
Tetrachloroethene
Concen: 8.580 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:164 Resp: 696538

Ion	Ratio	Lower	Upper
164	100		
166	124.5	97.2	145.8
129	106.5	86.9	130.3
131	102.8	82.8	124.2



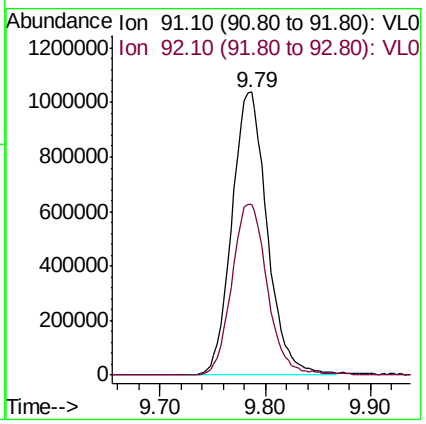


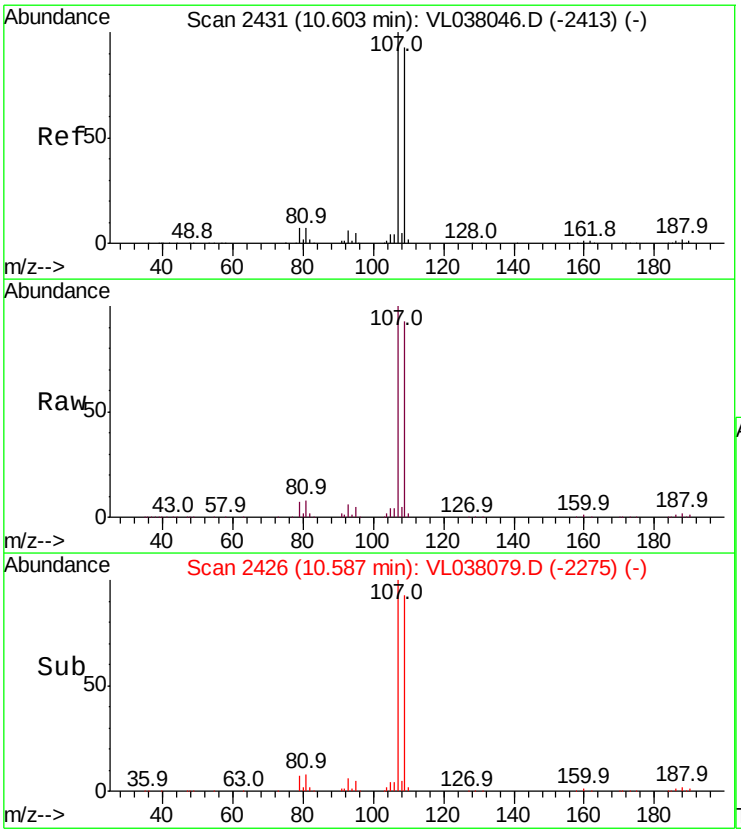
#53
Toluene
Concen: 9.539 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2408108

Ion	Ratio	Lower	Upper
91	100		
92	61.7	49.7	74.5

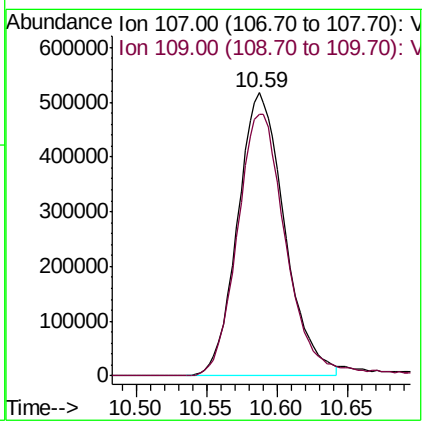


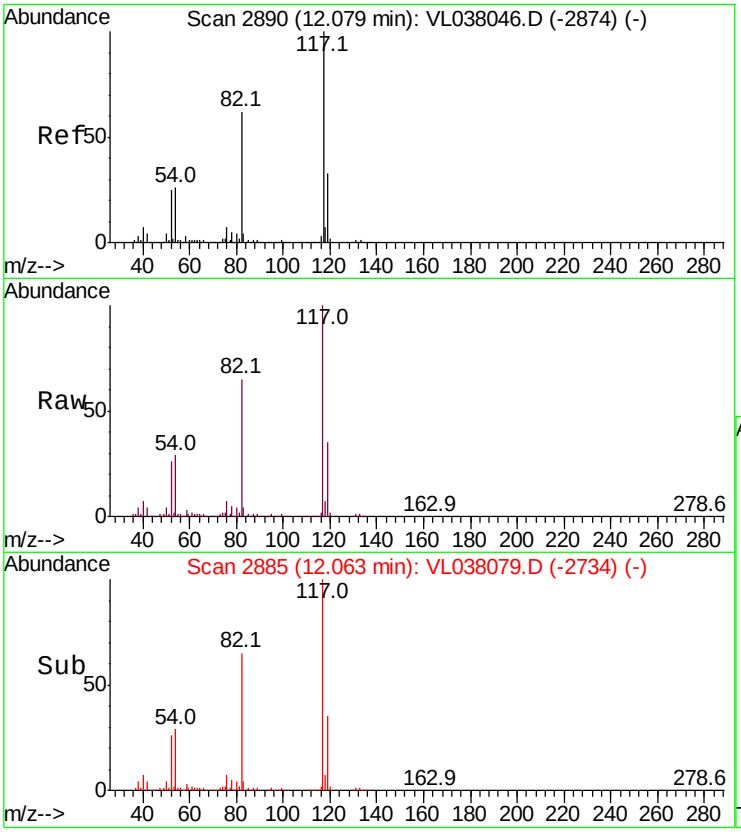


#54
1,2-Dibromoethane
Concen: 9.670 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:107 Resp: 1204011

Ion	Ratio	Lower	Upper
107	100		
109	92.4	74.6	111.8



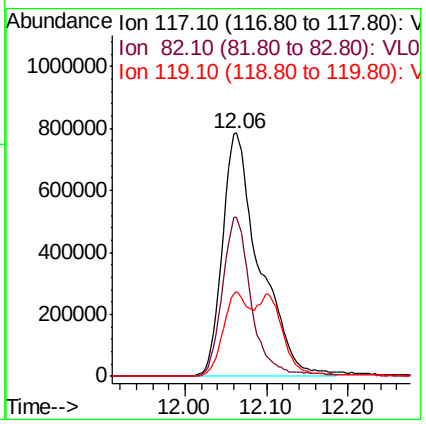


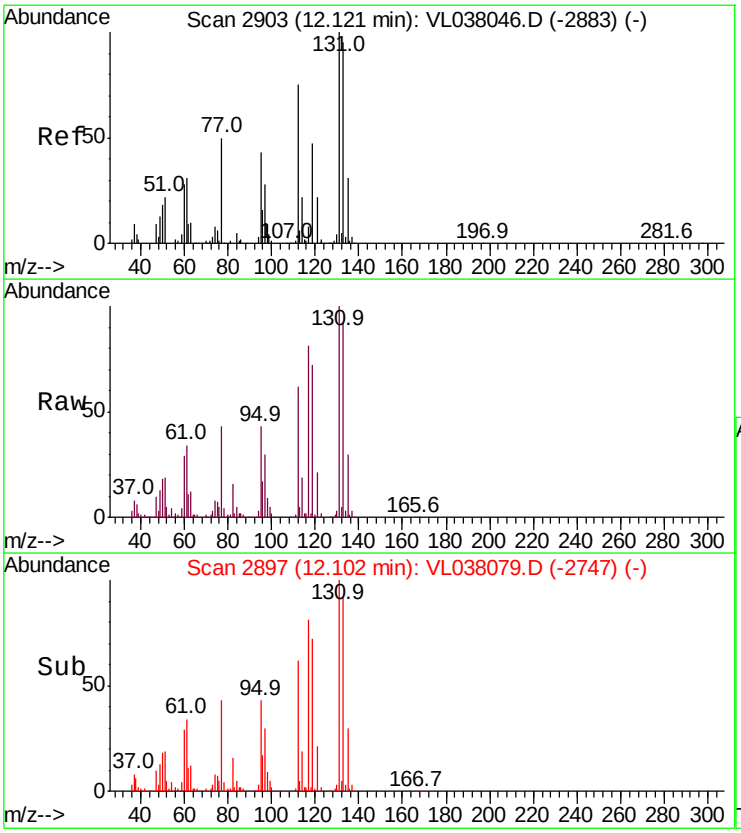
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2506414

Ion	Ratio	Lower	Upper
117	100		
82	52.8	52.8	79.2#
119	24.3	26.8	40.2#

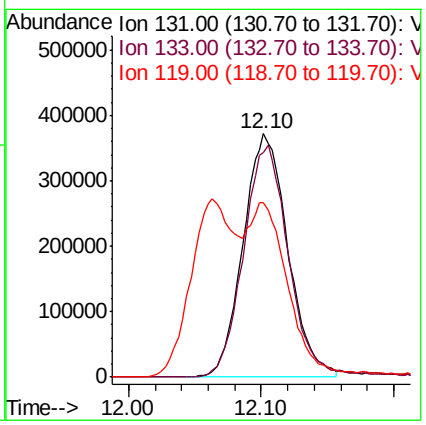


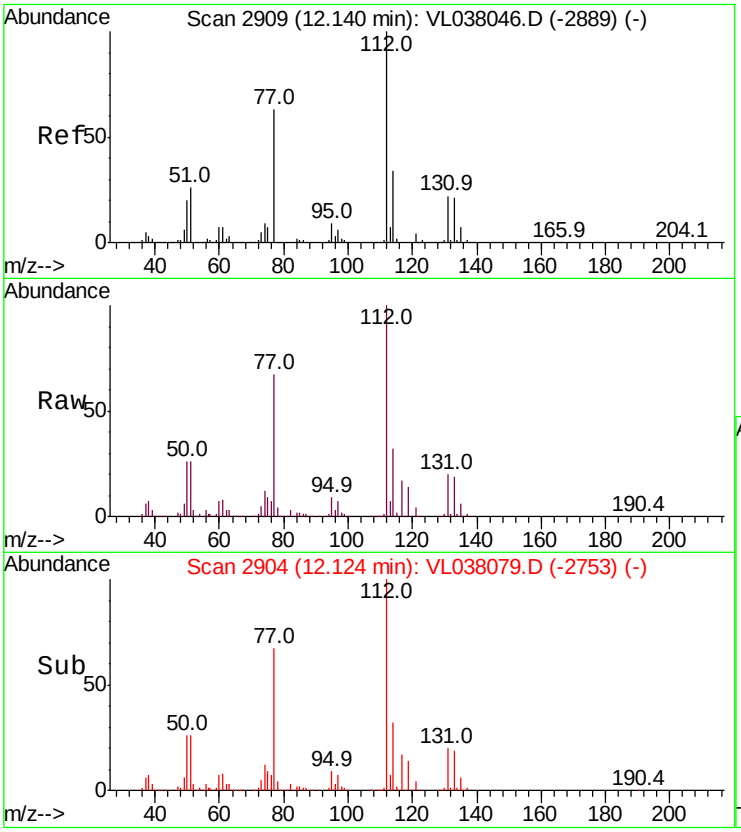


#56
1,1,1,2-Tetrachloroethane
Concen: 7.647 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:131 Resp: 870058

Ion	Ratio	Lower	Upper
131	100		
133	97.0	78.8	118.2
119	75.9	56.3	84.5



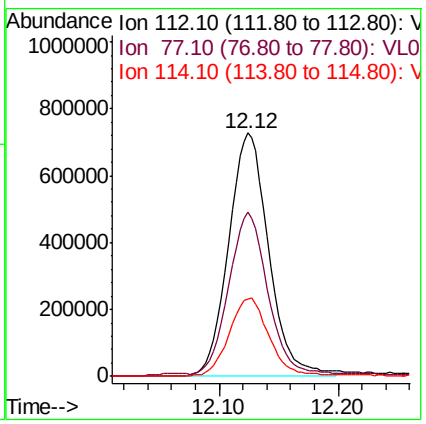


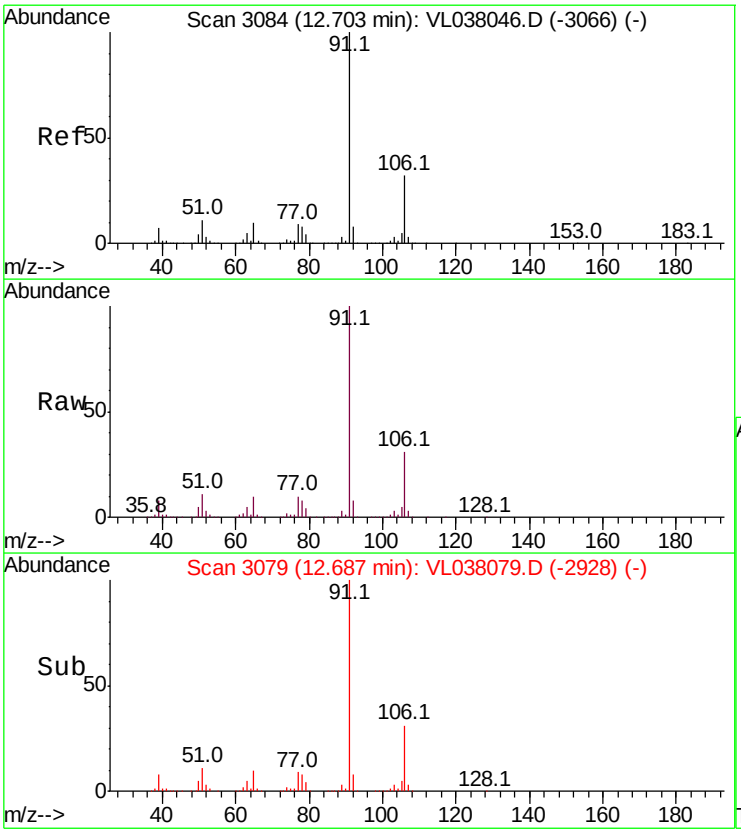
#57
Chlorobenzene
Concen: 7.547 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1695311

Ion	Ratio	Lower	Upper
112	100		
77	66.2	50.3	75.5
114	31.9	30.7	37.5

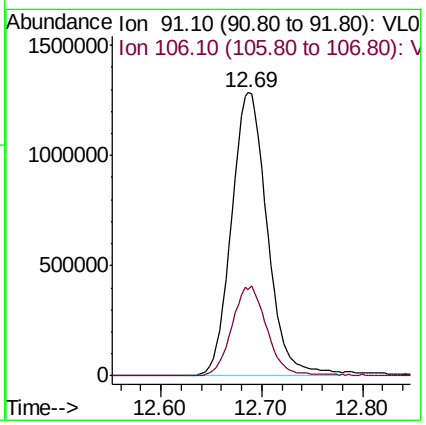


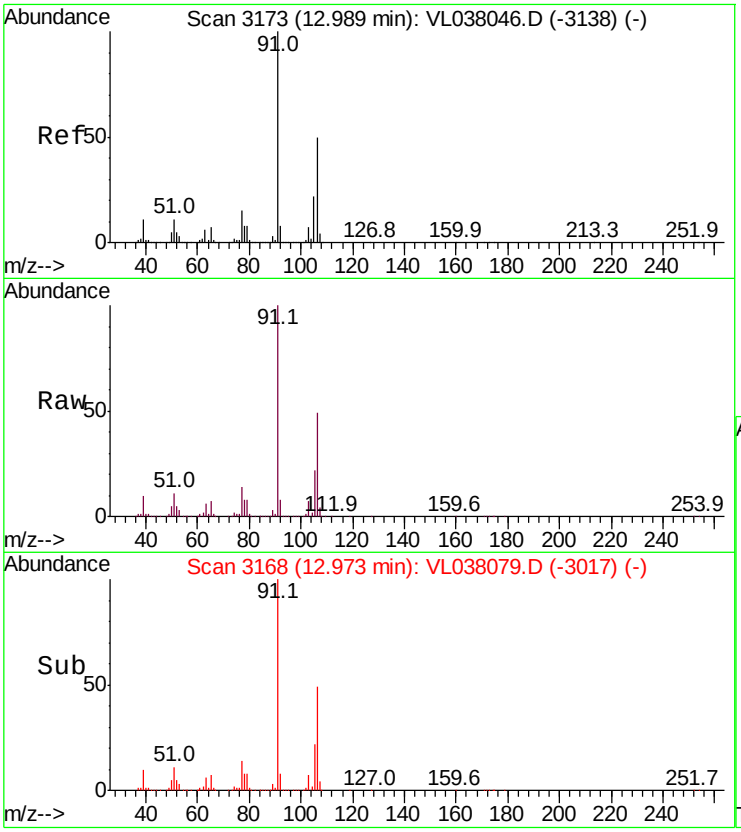


#58
Ethyl Benzene
Concen: 7.633 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 3162095

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.8	38.6



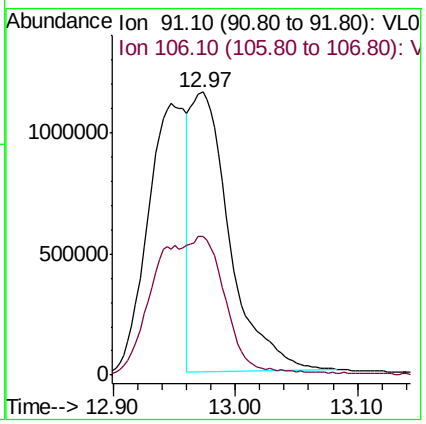


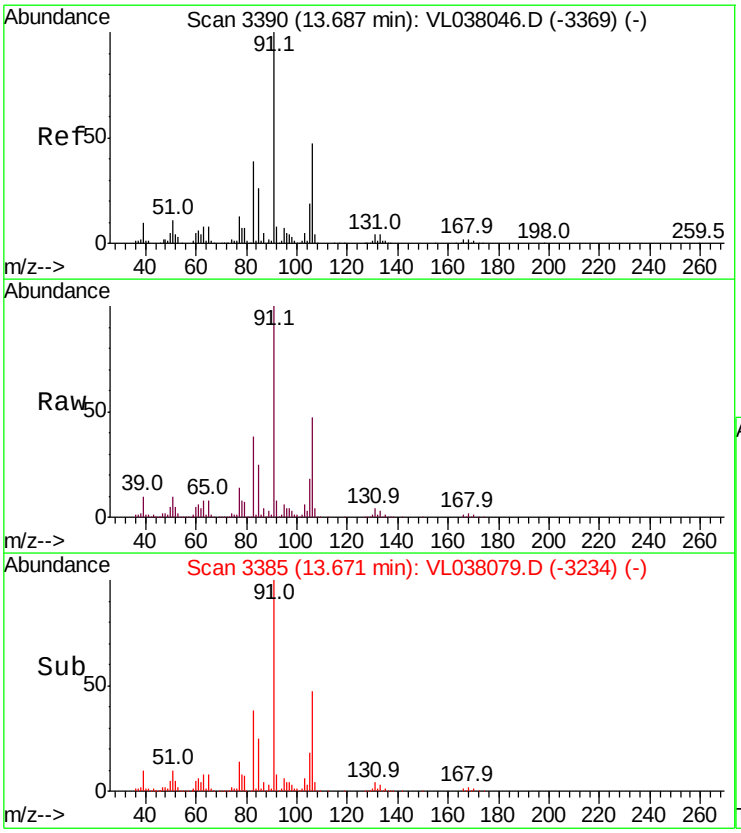
#59
m/p-Xylene
Concen: 7.380 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2573680

Ion	Ratio	Lower	Upper
91	100		
106	92.2	38.1	57.1#

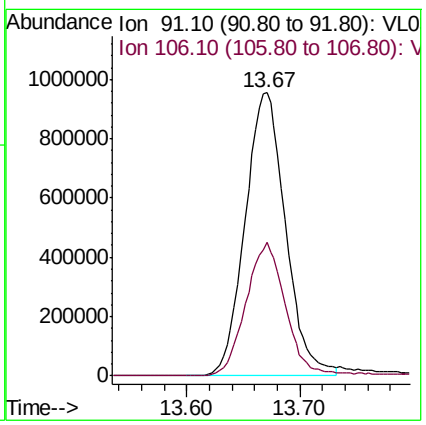


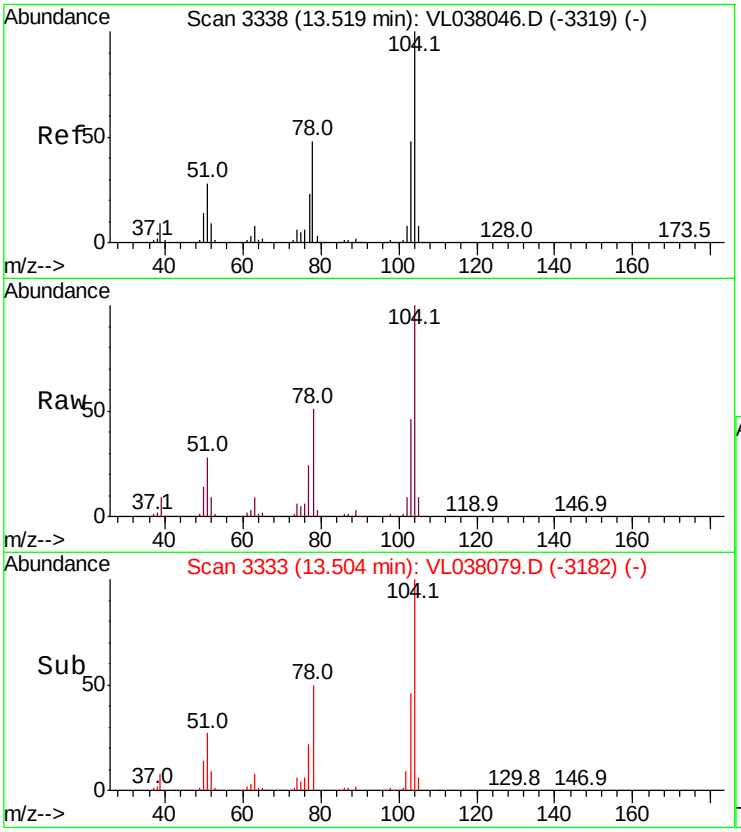


#60
o-Xylene
Concen: 7.323 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 2368911

Ion	Ratio	Lower	Upper
91	100		
106	47.3	24.2	72.6



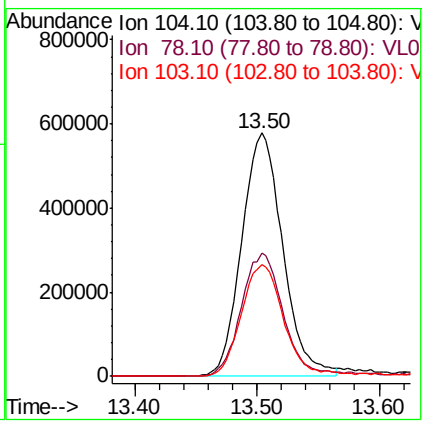


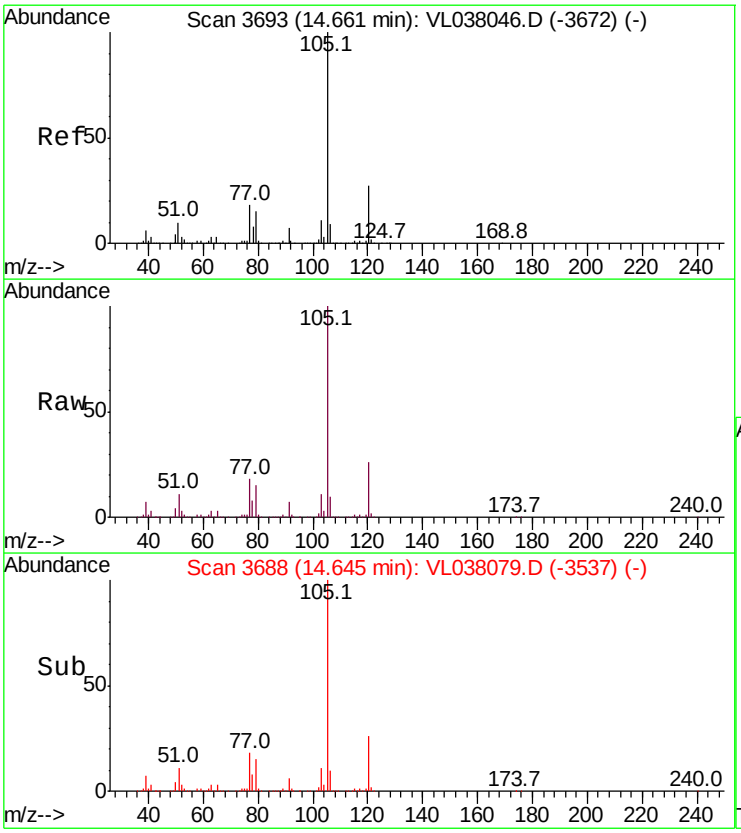
#61
Stvrene
Concen: 7.757 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1345434

Ion	Ratio	Lower	Upper
104	100		
78	52.7	39.8	59.6
103	48.5	38.2	57.2

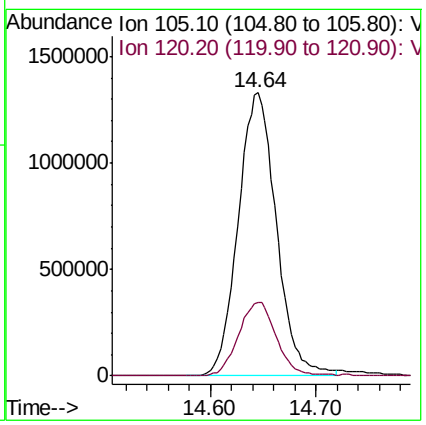


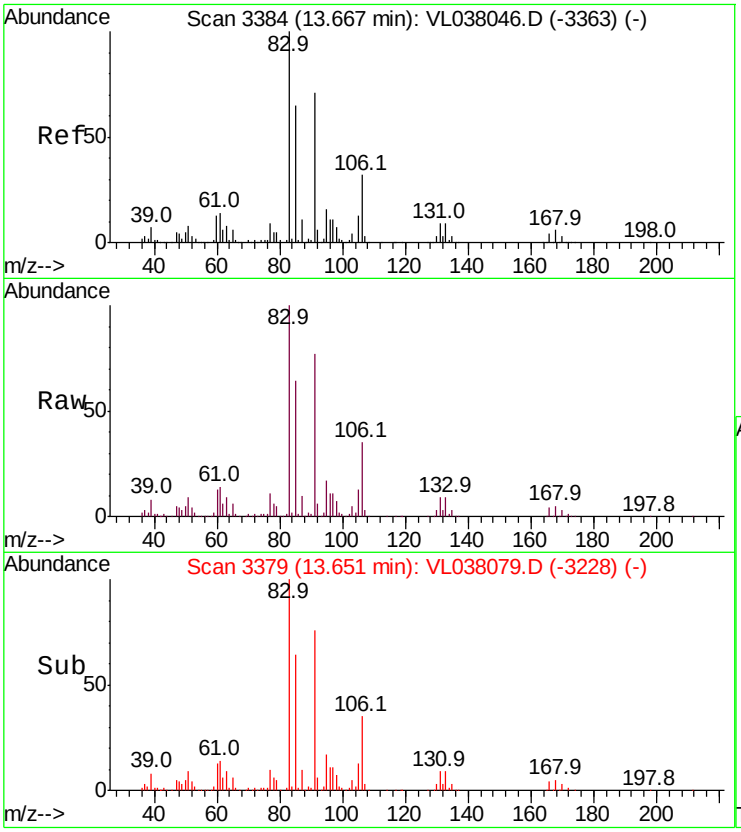


#62
Isopropylbenzene
Concen: 7.290 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:105 Resp: 3347374

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.8	32.6



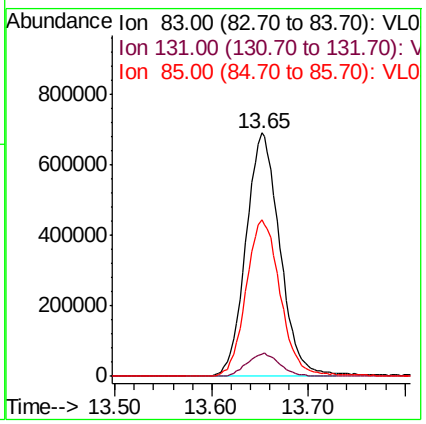


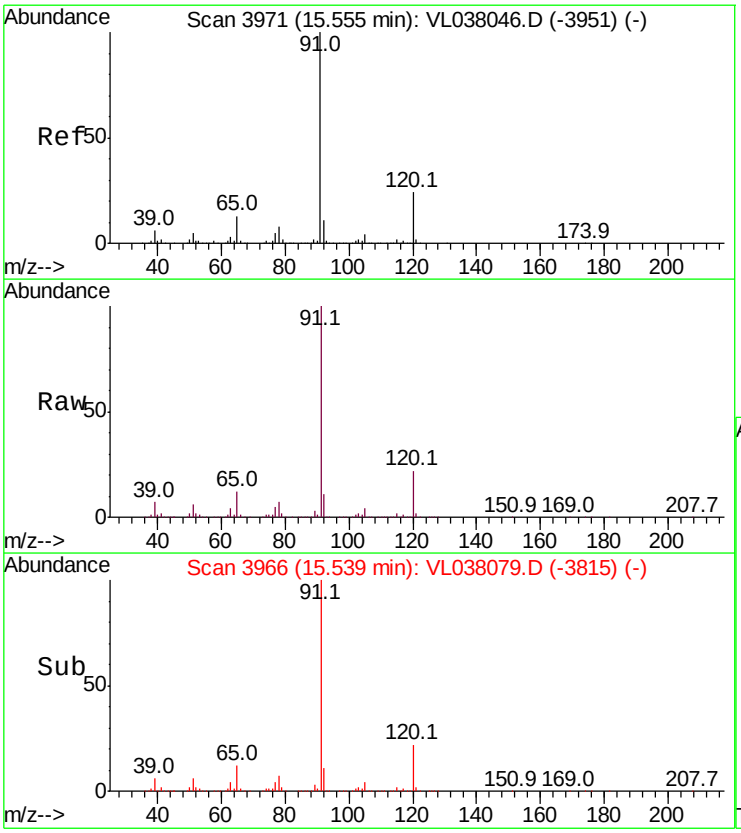
#63
1,1,2,2-Tetrachloroethane
Concen: 6.997 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1681438

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.9	14.7
85	65.6	33.4	100.1

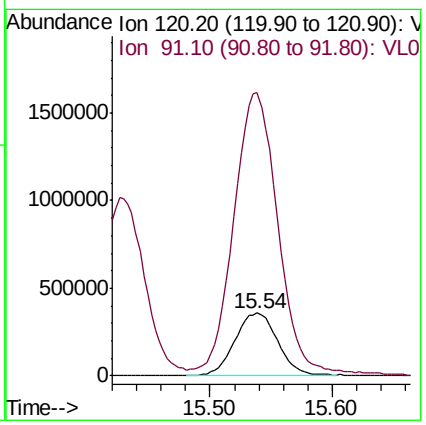


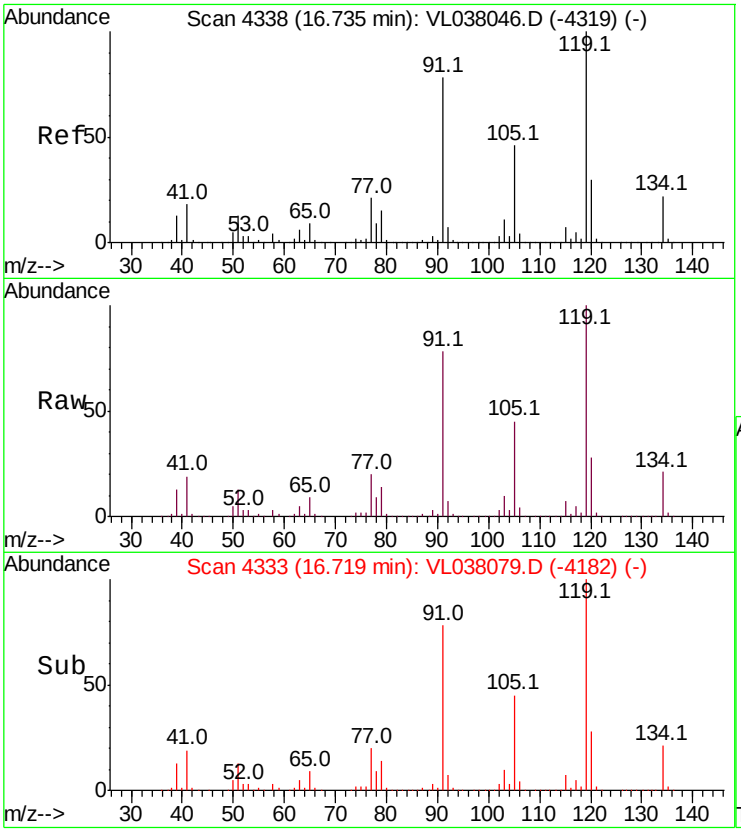


#64
n-propylbenzene
Concen: 7.464 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:120 Resp: 873205

Ion	Ratio	Lower	Upper
120	100		
91	466.8	371.7	557.5



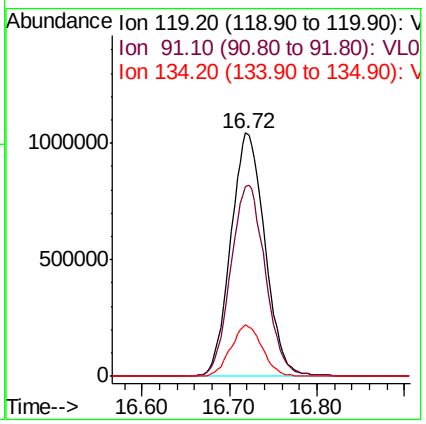


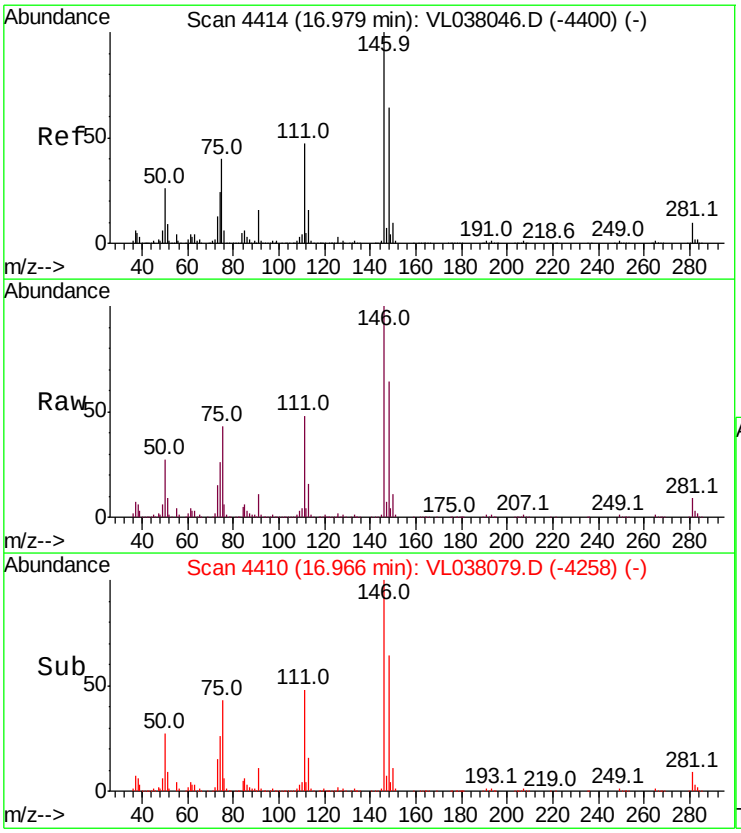
#65
tert-Butylbenzene
Concen: 6.960 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2815793

Ion	Ratio	Lower	Upper
119	100		
91	79.9	63.2	94.8
134	19.7	16.1	24.1

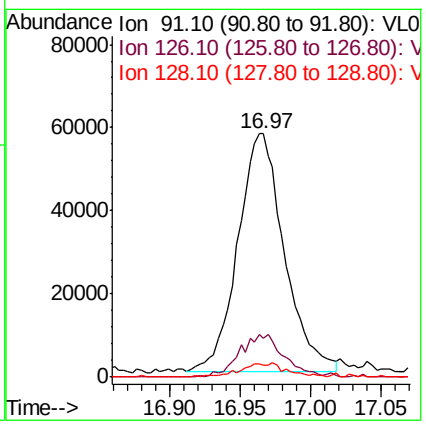


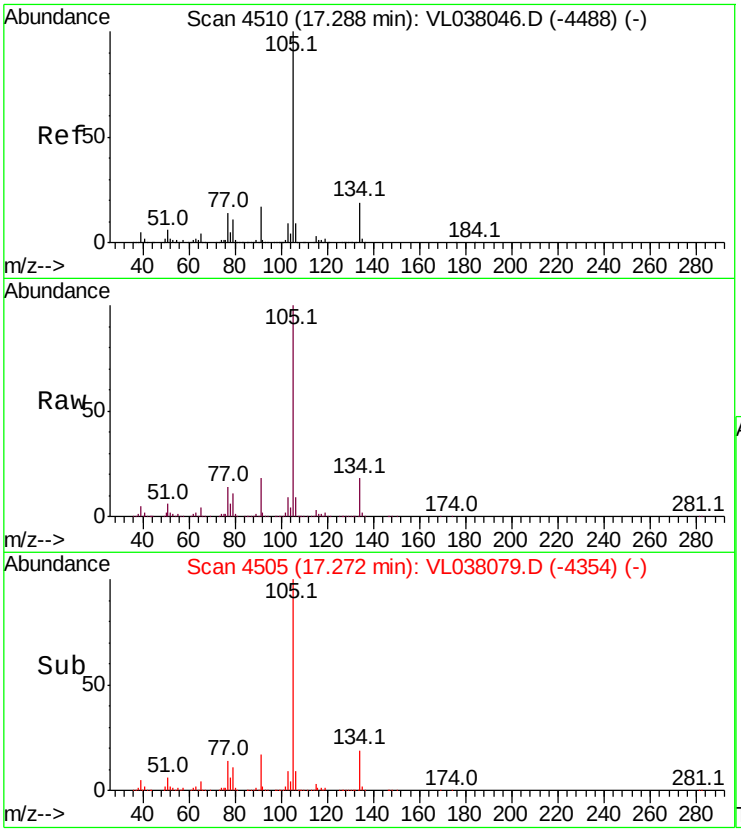


#66
Benzyl Chloride
Concen: 6.436 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 131959

Ion	Ratio	Lower	Upper
91	100		
126	17.3	15.5	23.3
128	5.8	5.6	8.4



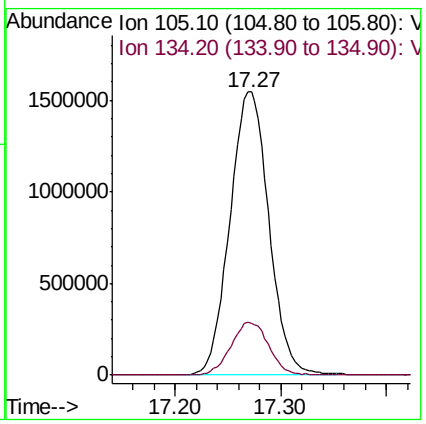


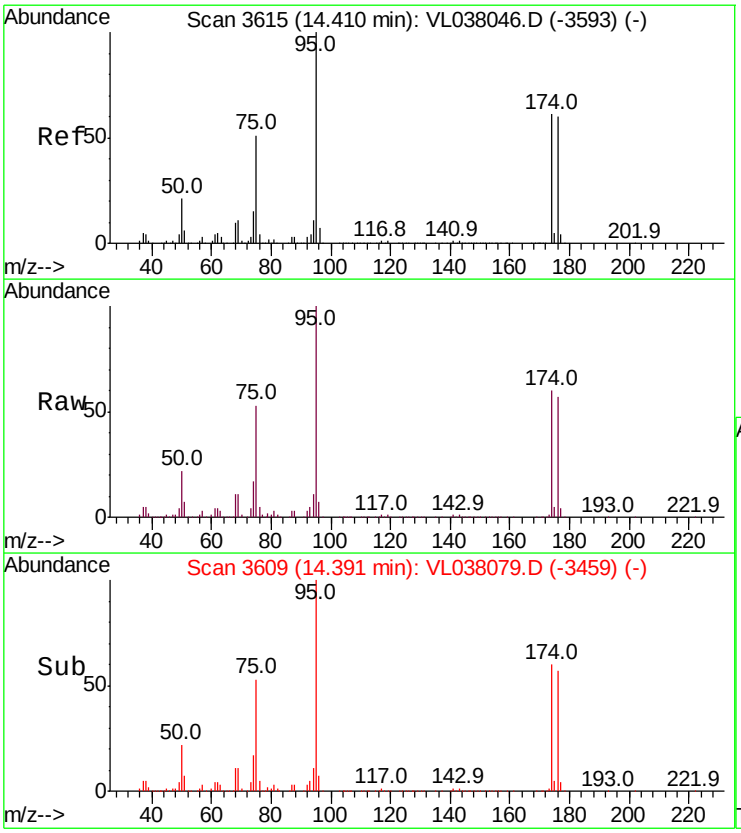
#67
sec-Butylbenzene
Concen: 7.026 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3960430

Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.7	22.1

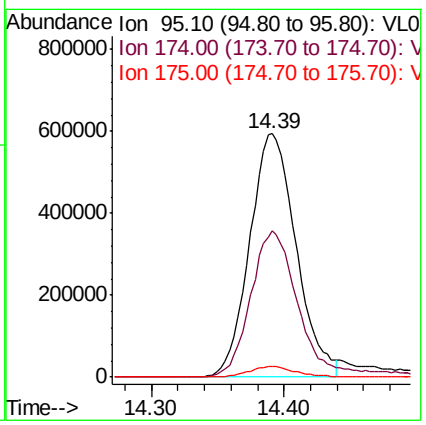


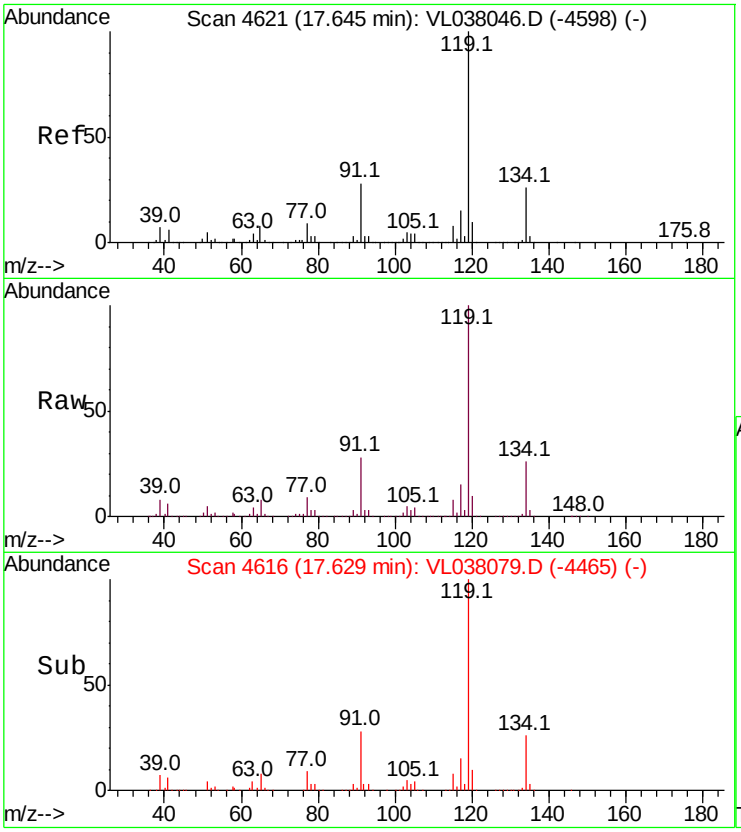


#68
1-Bromo-4-Fluorobenzene
Concen: 8.039 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 95 Resp: 1453463

Ion	Ratio	Lower	Upper
95	100		
174	64.3	53.1	79.7
175	4.6	4.0	6.0



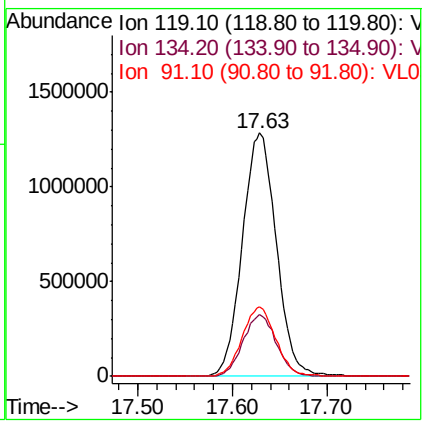


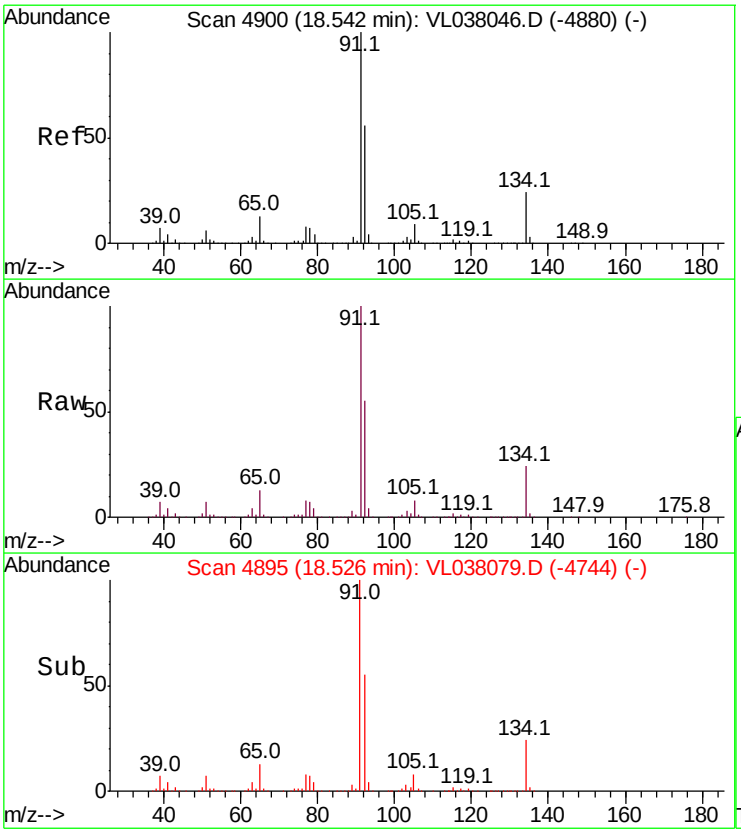
#69
p-Isopropyltoluene
Concen: 7.257 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3199989

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.6	30.8
91	28.1	22.2	33.4

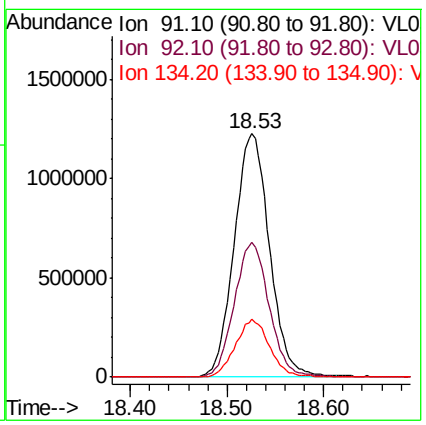


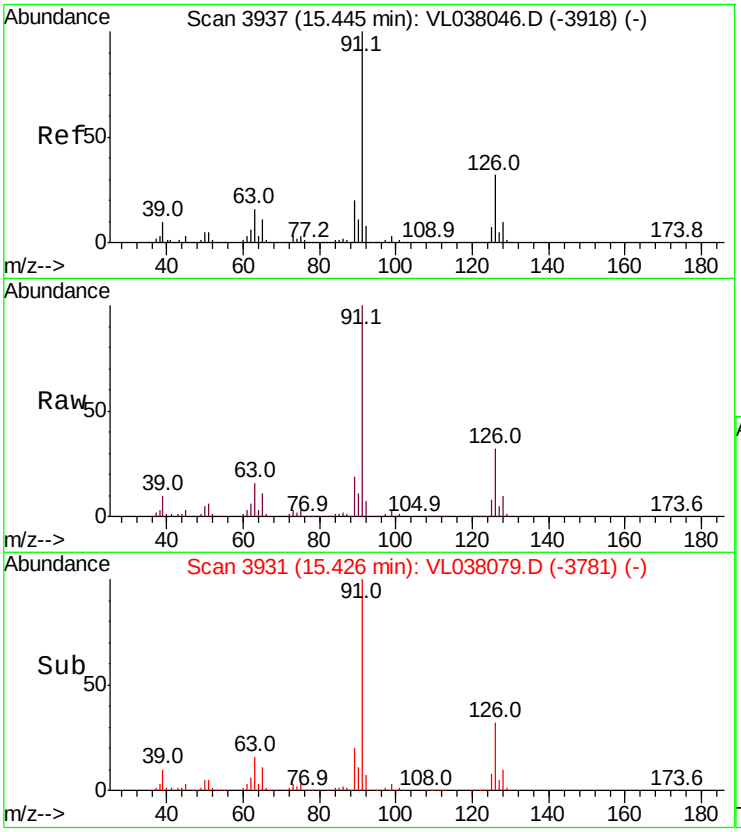


#70
n-Butylbenzene
Concen: 7.358 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 3102140

Ion	Ratio	Lower	Upper
91	100		
92	55.0	44.1	66.1
134	22.9	18.9	28.3



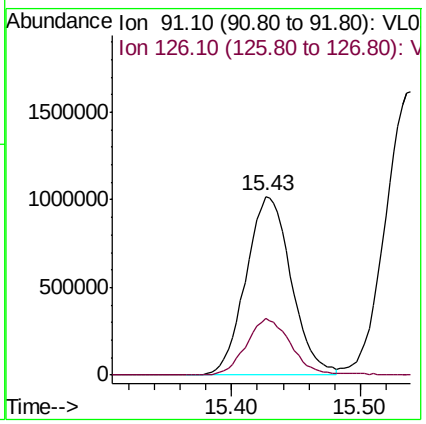


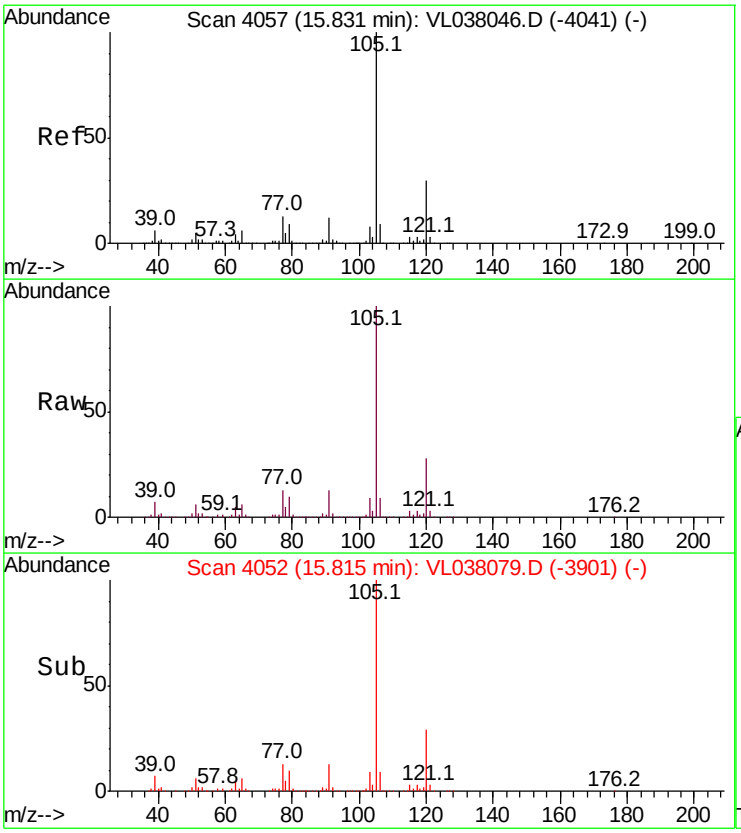
#71
2-Chlorotoluene
Concen: 7.411 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2488048

Ion	Ratio	Lower	Upper
91	100		
126	31.8	13.1	52.3

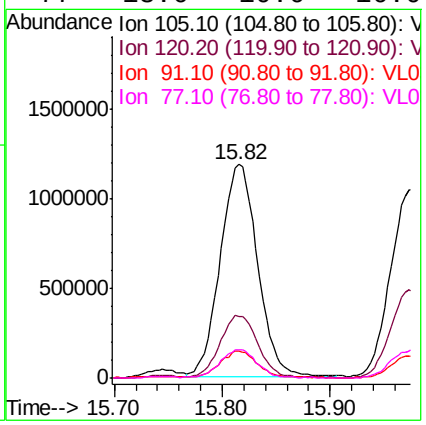


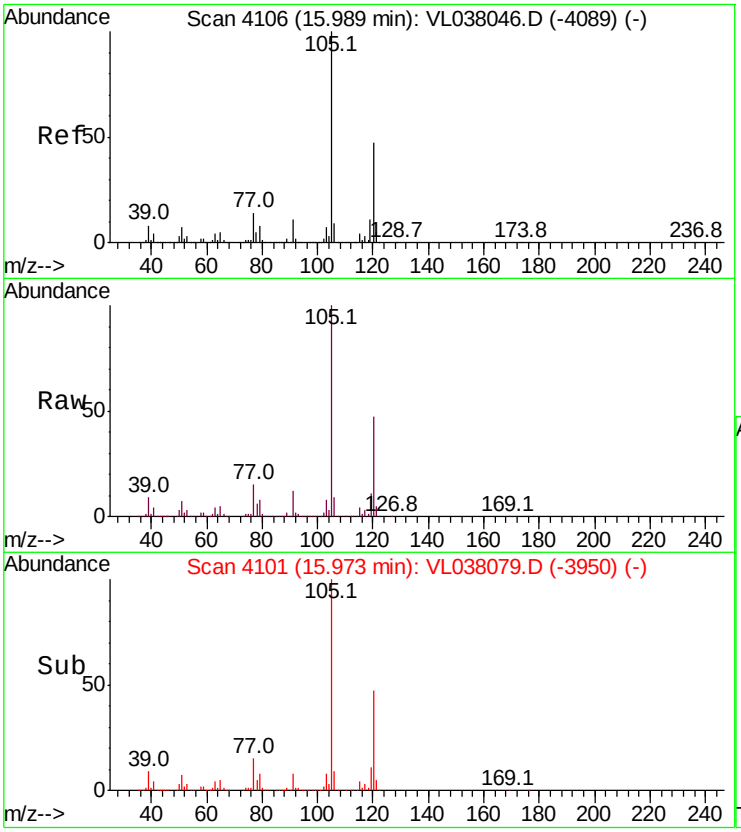


#72
4-Ethyltoluene
Concen: 7.630 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:105 Resp: 2861846

Ion	Ratio	Lower	Upper
105	100		
120	30.3	25.1	37.7
91	12.4	9.7	14.5
77	13.6	10.6	16.0



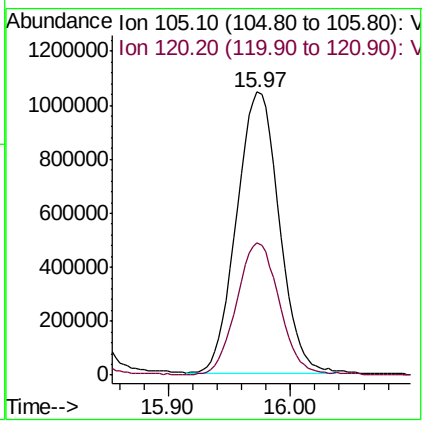


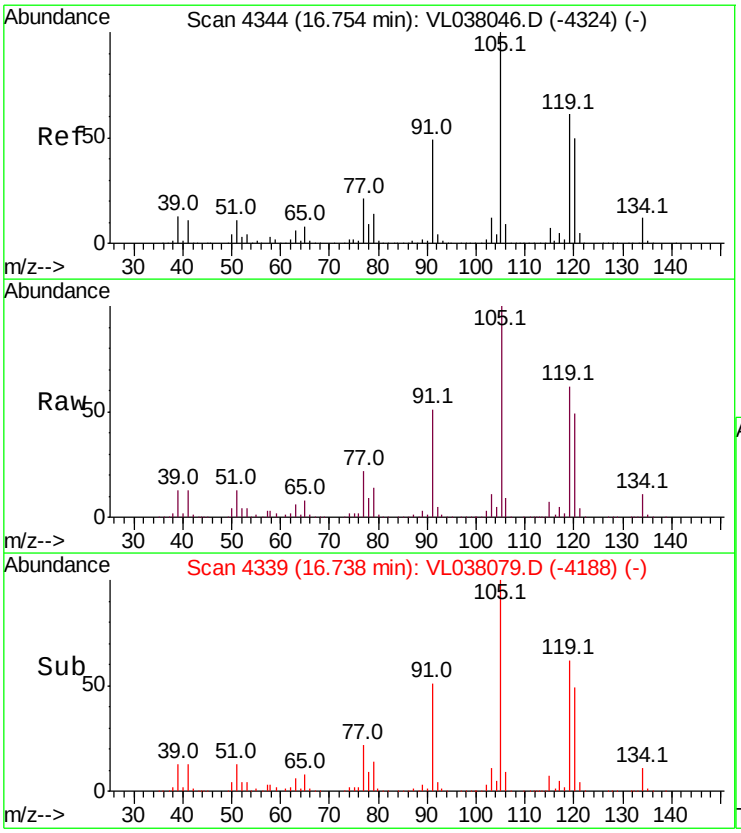
#73
1,3,5-Trimethylbenzene
Concen: 7.337 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2513428

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.8	56.6

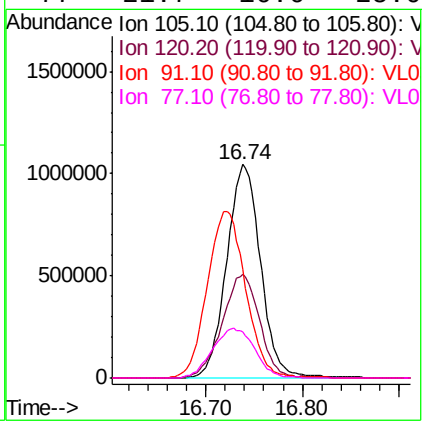


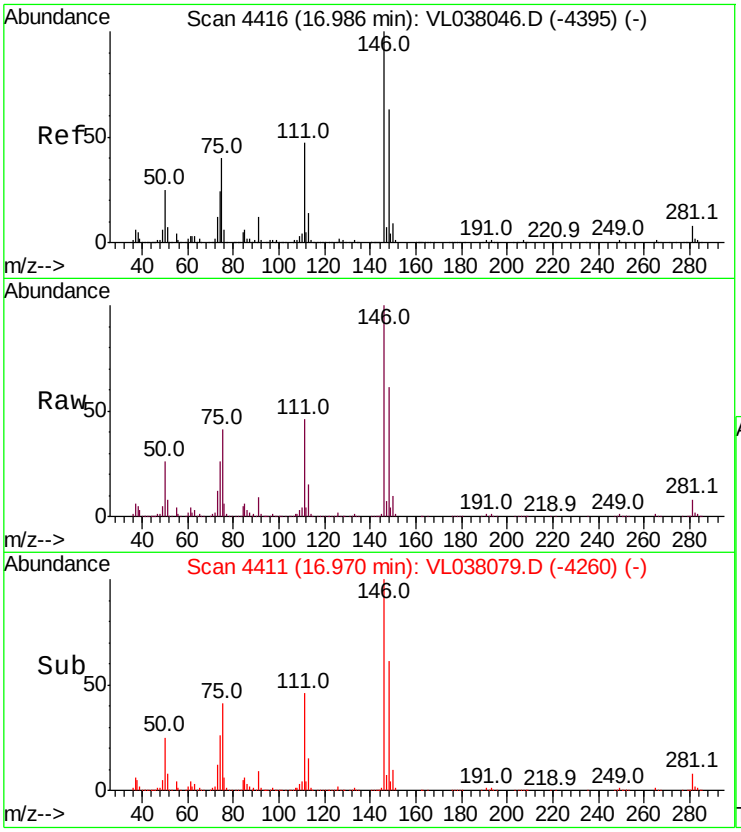


#74
1,2,4-Trimethylbenzene
Concen: 7.189 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:105 Resp: 2537737

Ion	Ratio	Lower	Upper
105	100		
120	48.4	40.1	60.1
91	50.7	39.8	59.8
77	21.7	16.6	25.0



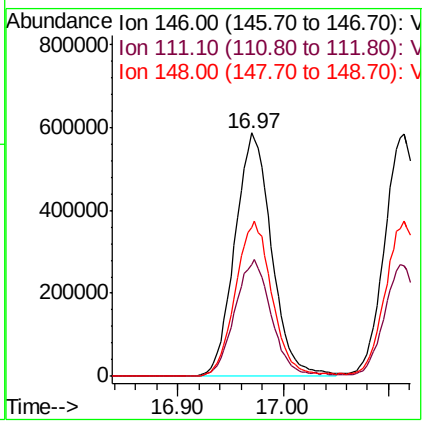


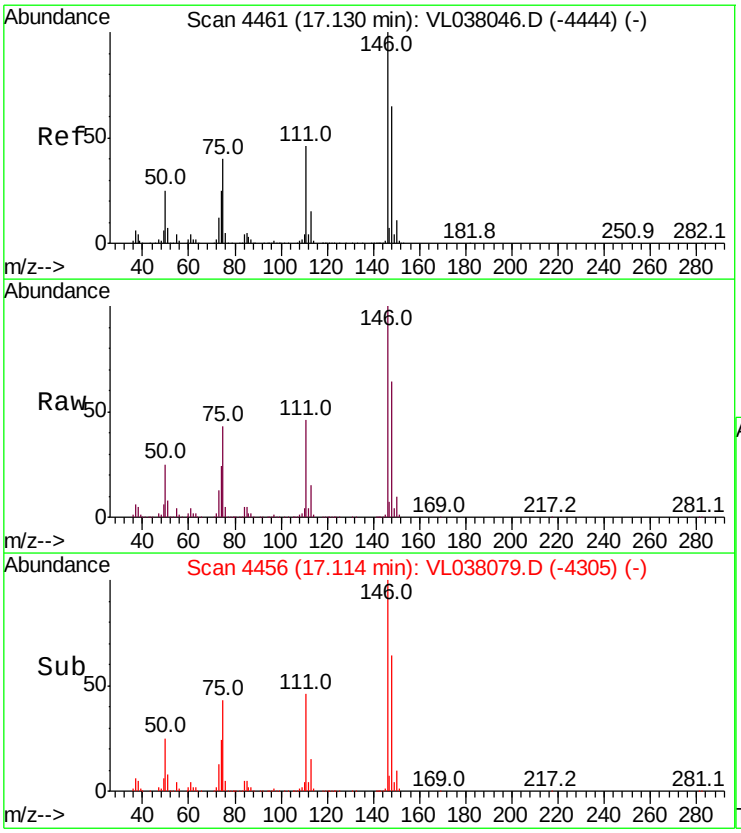
#75
1,3-Dichlorobenzene
Concen: 7.345 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1424187

Ion	Ratio	Lower	Upper
146	100		
111	47.8	23.5	70.6
148	63.3	32.1	96.3

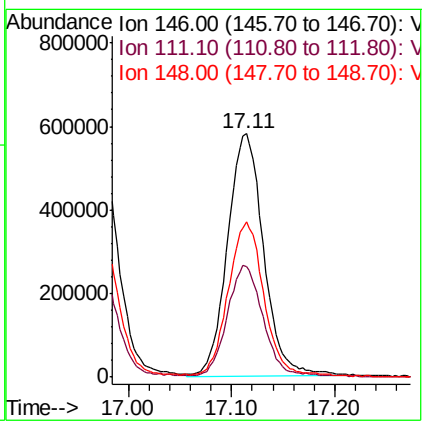


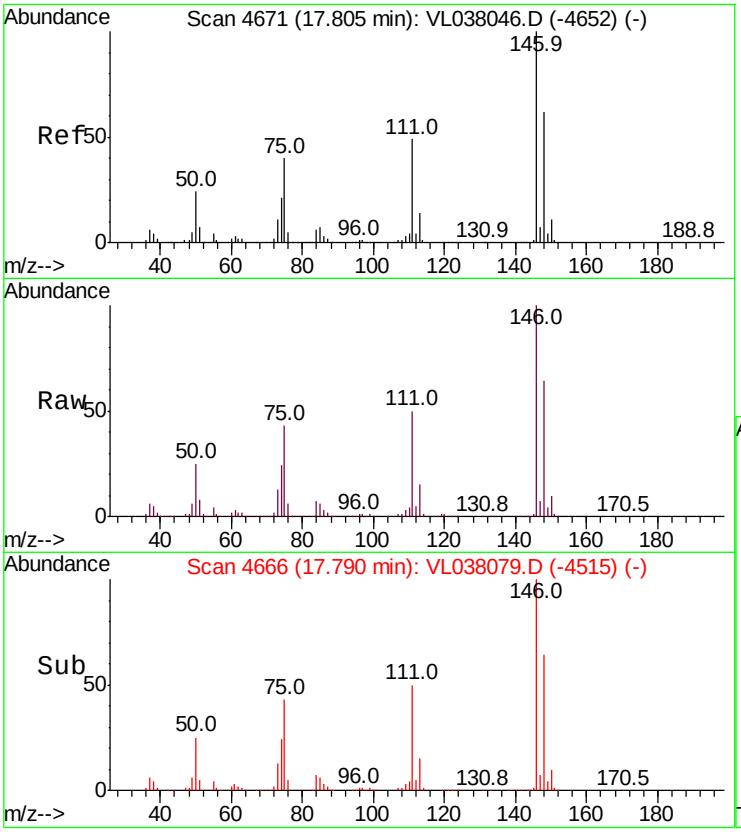


#76
1,4-Dichlorobenzene
Concen: 7.285 ppbv
RT: 17.11 min Scan# 4456
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:146 Resp: 1421346

Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.8	71.5
148	64.2	33.2	99.6



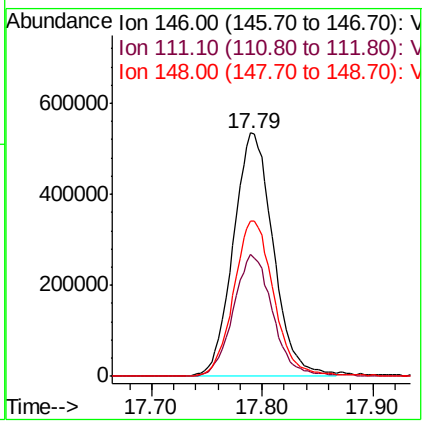


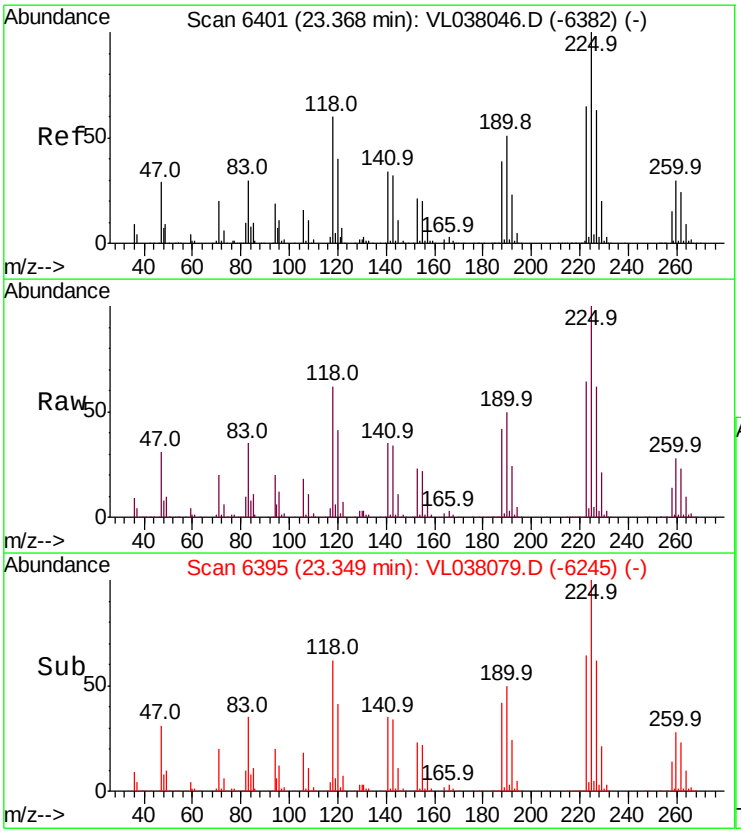
#77
1,2-Dichlorobenzene
Concen: 7.098 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1332545

Ion	Ratio	Lower	Upper
146	100		
111	50.0	24.8	74.4
148	64.3	32.3	96.9

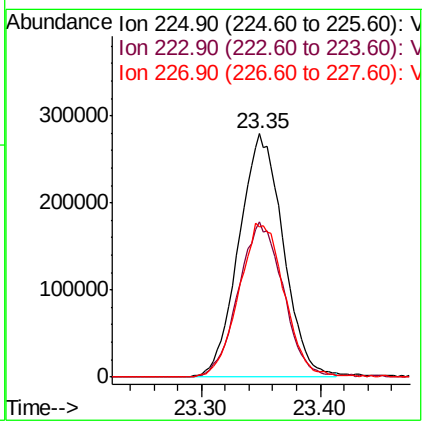


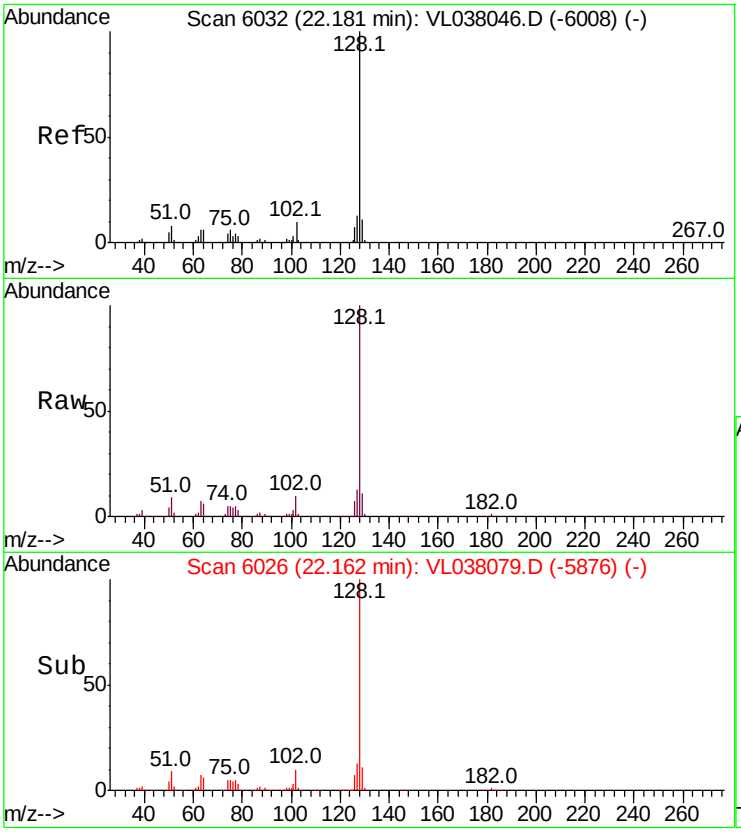


#78
Hexachloro-1,3-Butadiene
Concen: 6.112 ppbv
RT: 23.35 min Scan# 6395
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:225 Resp: 716412

Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.3	78.5
227	65.9	52.4	78.6



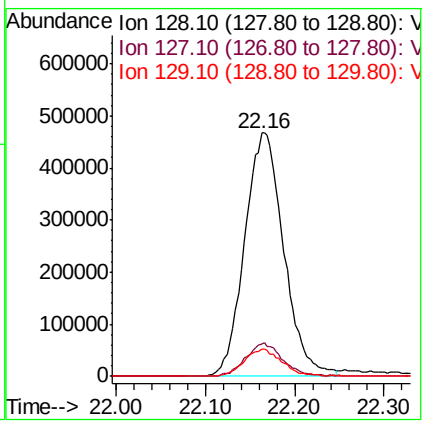


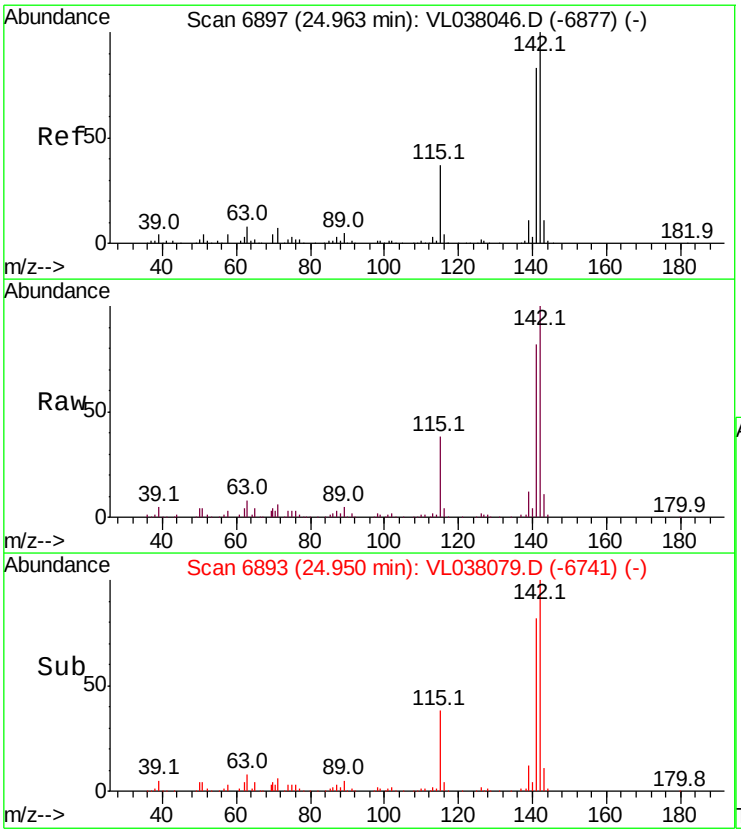
#79
Naphthalene
Concen: 7.654 ppbv
RT: 22.16
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 1422916

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.9	13.3

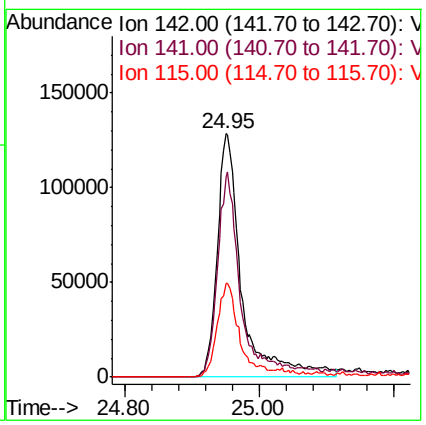


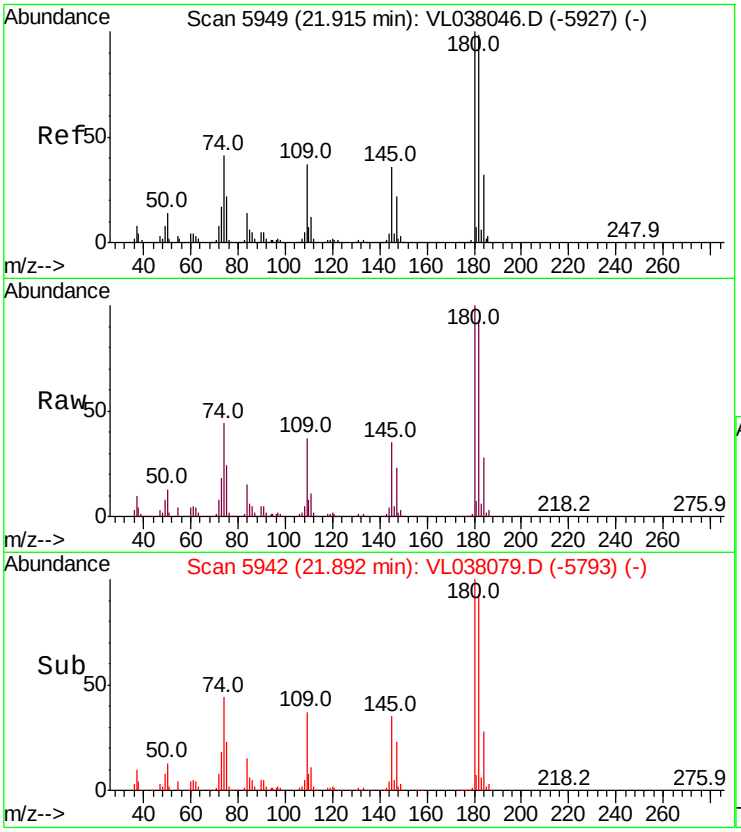


#80
Naphthalene,2-methyl-
Concen: 8.223 ppbv
RT: 24.95 min Scan# 6893
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:142 Resp: 327606

Ion	Ratio	Lower	Upper
142	100		
141	82.6	67.3	100.9
115	37.3	28.9	43.3





#81
1,2,4-Trichlorobenzene
Concen: 7.199 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 769064

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.4	116.2
184	31.2	25.0	37.4