Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051322\
Data File : VL039034.D
Acq On : 13 May 2022 12:28
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 14 00:51:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	947495	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2574084	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2302778	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1760273	9.65	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1452059	9.781	ppbv	99
3) Chlorodifluoromethane	2.98	51	1194145	10.157	ppbv	96
4) Chloromethane	3.13	50	606907	10.308	ppbv	98
5) Vinyl Chloride	3.25	62	580834	10.803	ppbv	99
6) Bromomethane	3.46	94	286998	11.300	ppbv	98
7) Chloroethane	3.54	64	196810	10.937	ppbv	96
8) Dichlorotetrafluoroethane	3.18	85	1408125	10.466	ppbv	97
9) Propene	3.00	41	571183	11.125	ppbv	95
10) Heptane	8.10	43	1407628	11.175	ppbv	100
11) Trichlorofluoromethane	3.93	101	1296788	10.181	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	941692	10.732	ppbv	98
13) Ethanol	3.60	45	24903	6.854	ppbv	79
14) Bromoethene	3.73	108	423325	11.700	ppbv	96
15) Acetone	3.84	43	928421	10.388	ppbv	99
16) 1,3-Butadiene	3.31	39	536510	10.448	ppbv	96
17) tert-Butyl alcohol	4.26	59	740720	10.783	ppbv	98
18) 1,1-Dichloroethene	4.27	96	408840	10.826	ppbv	98
19) Isopropyl Alcohol	3.94	45	459397	10.811	ppbv	99
20) Methylene Chloride	4.33	84	350427	10.403	ppbv	97
21) Allyl Chloride	4.40	41	694067	11.396	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	424629	10.410	ppbv	97
23) Vinyl Acetate	5.05	43	824698	11.662	ppbv	97
24) 1,1-Dichloroethane	4.99	63	877754	10.779	ppbv	99
25) Ethyl Acetate	5.65	43	2432512	11.371	ppbv	99
26) Hexane	5.66	57	1060294	11.155	ppbv	97
27) Carbon Disulfide	4.53	76	1060868	11.749	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	821575	11.361	ppbv	99
29) Chloroform	5.73	83	1691053	10.997	ppbv	96
30) Cyclohexane	7.11	84	902394	11.340	ppbv	96
31) cis-1,2-Dichloroethene	5.53	61	1069887	11.049	ppbv	96
32) 1,1,1-Trichloroethane	6.49	97	1664200	10.823	ppbv	98
34) 2-Butanone	5.22	43	1411240	10.746	ppbv	97
35) Carbon Tetrachloride	7.00	117	1681688	9.915	ppbv	98
36) Benzene	6.87	78	2225883	10.104	ppbv	98
37) 1,2-Dichloroethane	6.29	62	1267389	9.299	ppbv	98
38) Trichloroethene	7.81	130	950632	9.707	ppbv	98
39) 1,2-Dichloropropane	7.59	63	852998	9.952	ppbv	97
40) 1,4-Dioxane	7.80	88	308269	10.014	ppbv #	1
41) Tetrahydrofuran	6.02	42	916595	10.385	ppbv	99
42) Bromodichloromethane	7.76	83	1843632	9.894	ppbv	99
43) Methyl Methacrylate	7.99	69	926587	10.361	ppbv	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051322\
Data File : VL039034.D
Acq On : 13 May 2022 12:28
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 14 00:51:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	3738740	9.672	ppbv		98
45) t-1,3-Dichloropropene	9.25	75	1043304	12.052	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	1265945	11.028	ppbv		94
47) 1,1,2-Trichloroethane	9.45	97	914832	10.262	ppbv		98
48) Dibromochloromethane	10.28	129	1510317	10.409	ppbv		99
49) Bromoform	13.01	173	1222215	11.045	ppbv		99
50) 4-Methyl-2-Pentanone	8.71	43	2324250	10.093	ppbv		98
51) 2-Hexanone	10.10	43	1849909	11.007	ppbv		98
52) Tetrachloroethene	11.19	164	773795	9.830	ppbv		98
53) Toluene	9.78	91	2601516	10.537	ppbv		100
54) 1,2-Dibromoethane	10.58	107	1289065	10.622	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.10	131	1060416	10.495	ppbv		99
57) Chlorobenzene	12.12	112	1816037	10.521	ppbv		96
58) Ethyl Benzene	12.68	91	3474756	10.485	ppbv		100
59) m/p-Xylene	12.97	91	3114597	11.009	ppbv	#	40
60) o-Xylene	13.66	91	2739040	10.286	ppbv		100
61) Styrene	13.50	104	1656475	11.653	ppbv		96
62) Isopropylbenzene	14.64	105	3972304	10.201	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.64	83	1559482	9.946	ppbv		100
64) n-propylbenzene	15.53	120	1019504	10.829	ppbv		95
65) tert-Butylbenzene	16.71	119	3427436	10.046	ppbv		96
66) Benzyl Chloride	16.96	91	608671	13.648	ppbv		97
67) sec-Butylbenzene	17.26	105	4953859	10.163	ppbv		100
69) p-Isopropyltoluene	17.62	119	4054657	10.296	ppbv		99
70) n-Butylbenzene	18.52	91	4328013	10.345	ppbv		99
71) 2-Chlorotoluene	15.42	91	3068743	10.223	ppbv		99
72) 4-Ethyltoluene	15.81	105	3265882	10.763	ppbv		99
73) 1,3,5-Trimethylbenzene	15.96	105	2922134	10.697	ppbv		96
74) 1,2,4-Trimethylbenzene	16.73	105	3072361	10.272	ppbv		97
75) 1,3-Dichlorobenzene	16.96	146	1750290	10.681	ppbv		99
76) 1,4-Dichlorobenzene	17.10	146	1679684	10.419	ppbv		97
77) 1,2-Dichlorobenzene	17.78	146	1688233	10.416	ppbv		99
78) Hexachloro-1,3-Butadiene	23.34	225	1345997	9.036	ppbv		99
79) Naphthalene	22.15	128	2896411	11.922	ppbv		99
80) Naphthalene,2-methyl-	24.94	142	953465	12.973	ppbv		97
81) 1,2,4-Trichlorobenzene	21.89	180	1527385	10.729	ppbv		99

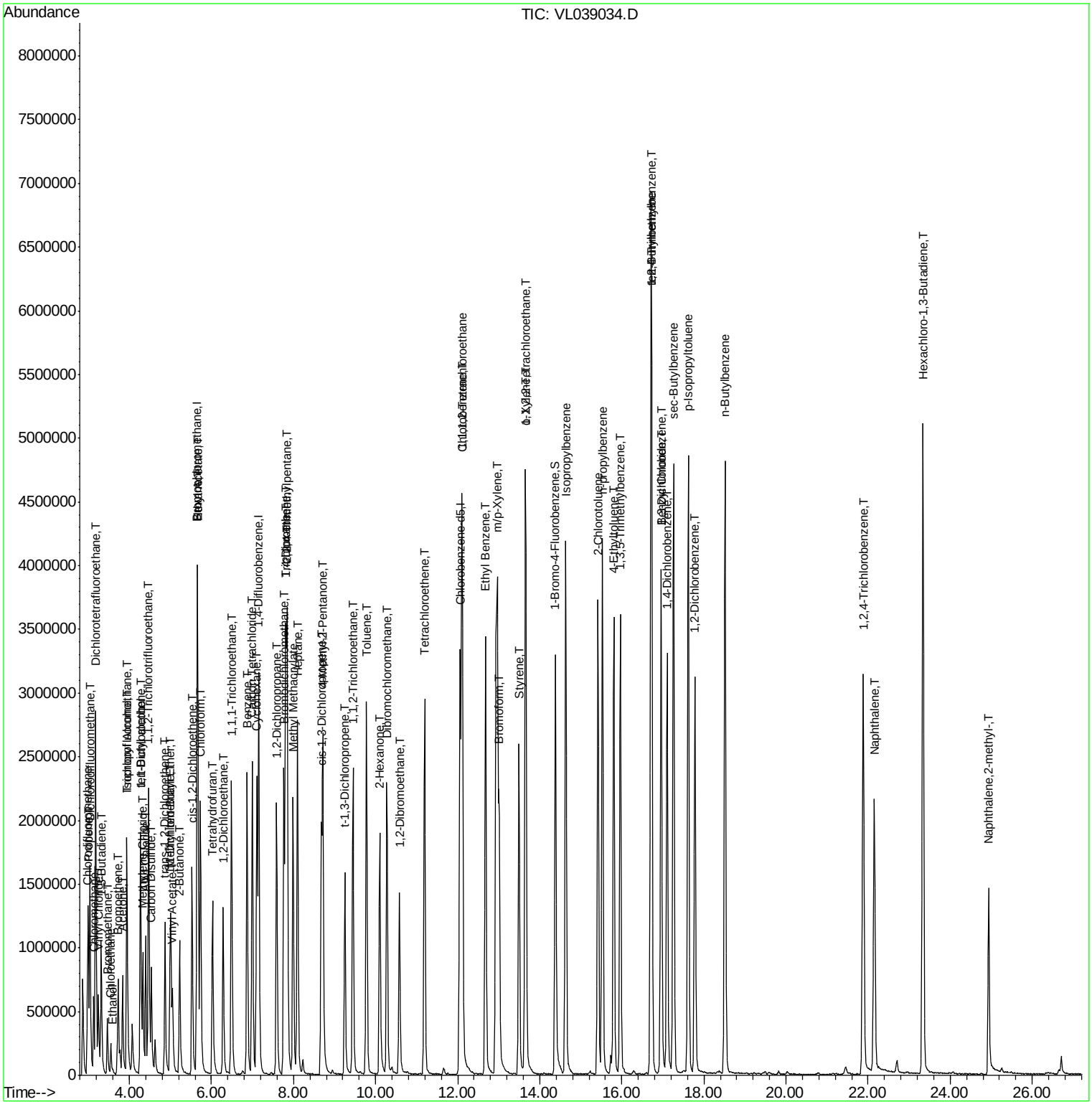
(#) = qualifier out of range (m) = manual integration (+) = signals summed

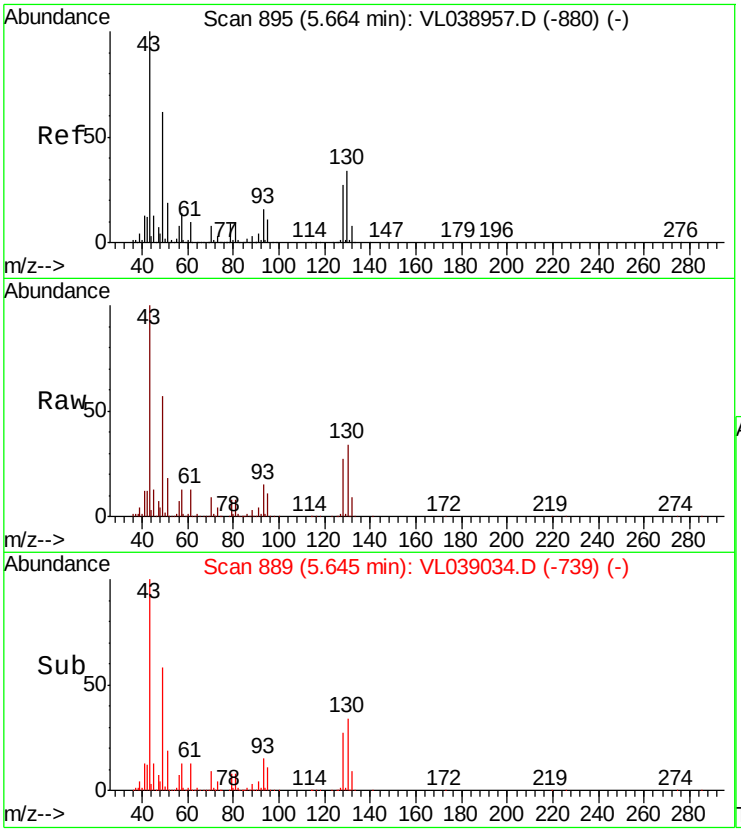
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051322\
Data File : VL039034.D
Acq On : 13 May 2022 12:28
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: May 14 00:51:03 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



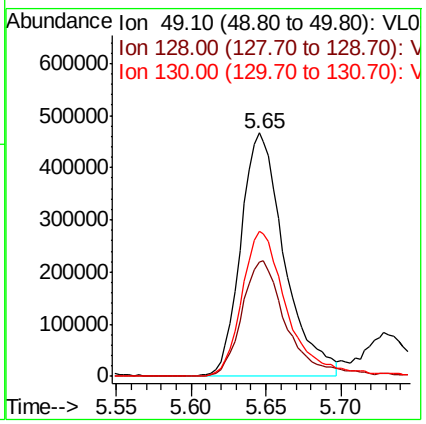


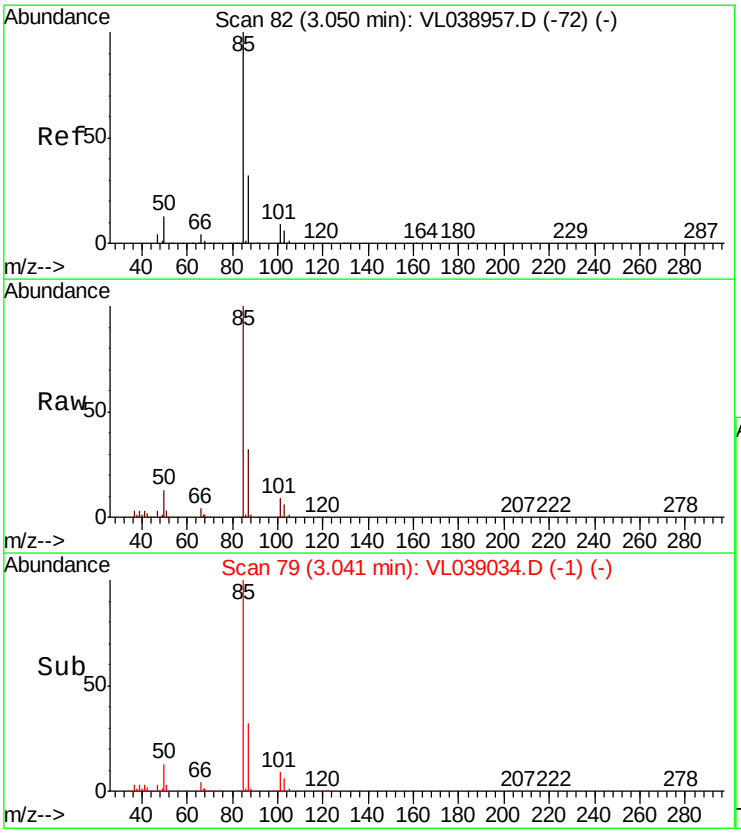
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 947495

Ion	Ratio	Lower	Upper
49	100		
128	49.6	23.3	69.8
130	63.3	29.8	89.3

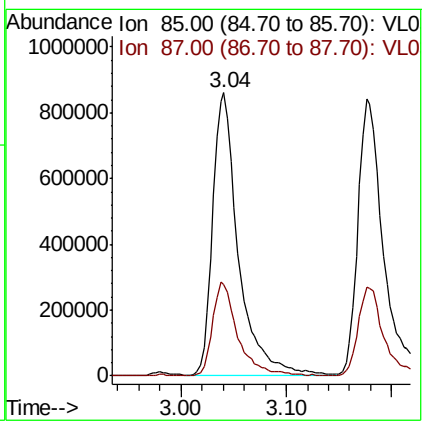


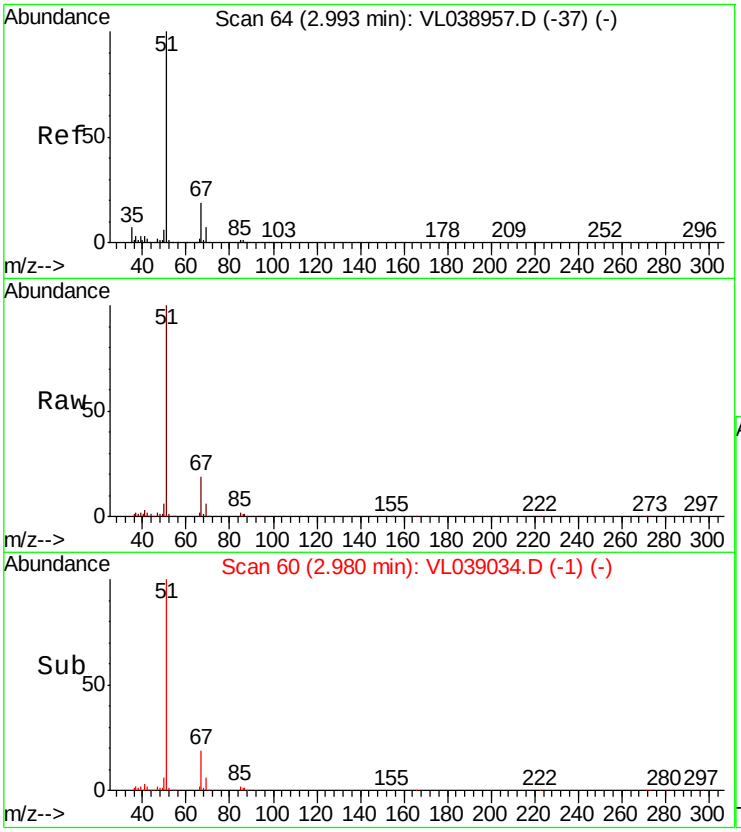


#2
Dichlorodifluoromethane
Concen: 9.781 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 85 Resp: 1452059

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.7	38.5



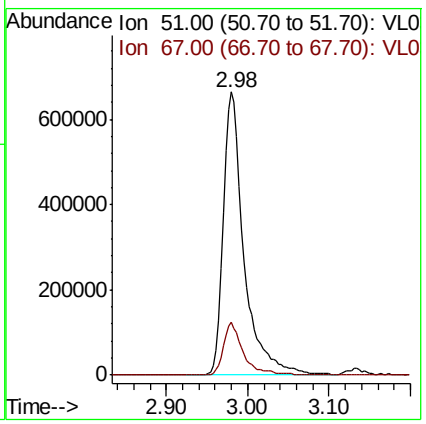


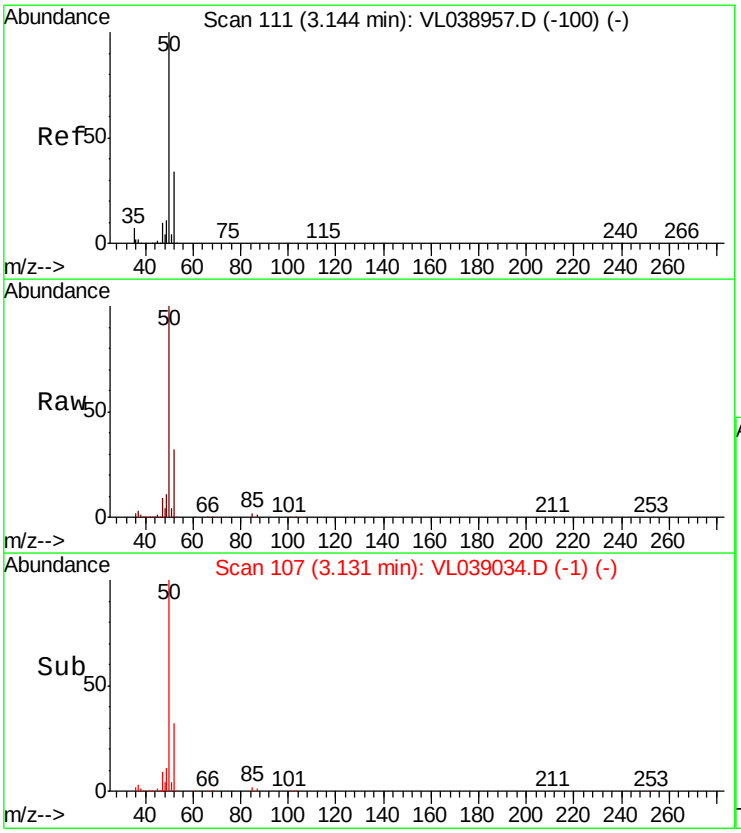
#3
Chlorodifluoromethane
Concen: 10.157 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1194145

Ion	Ratio	Lower	Upper
51	100		
67	18.1	15.8	23.8

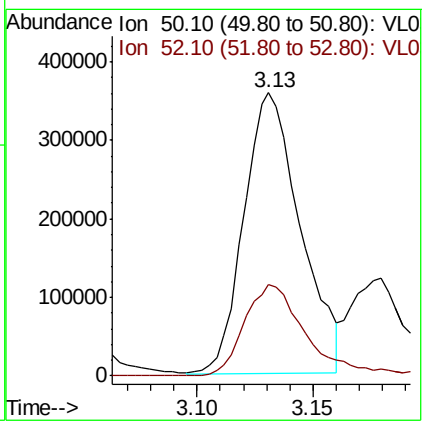


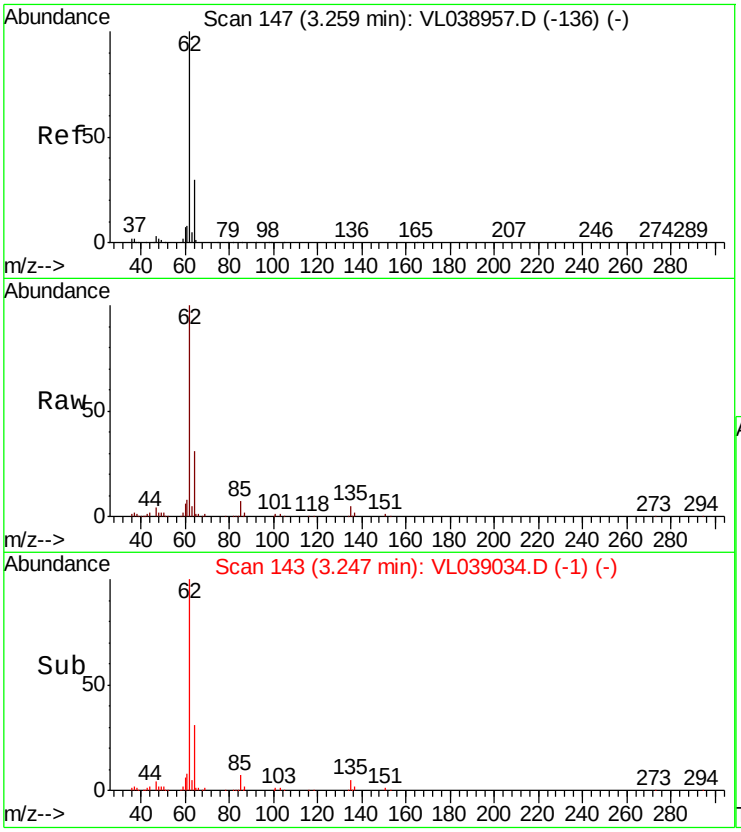


#4
Chloromethane
Concen: 10.308 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 50 Resp: 606907

Ion	Ratio	Lower	Upper
50	100		
52	32.7	27.3	40.9



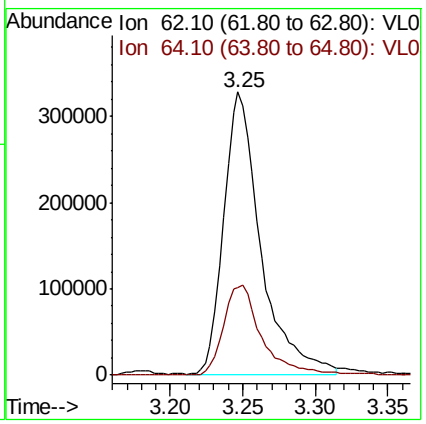


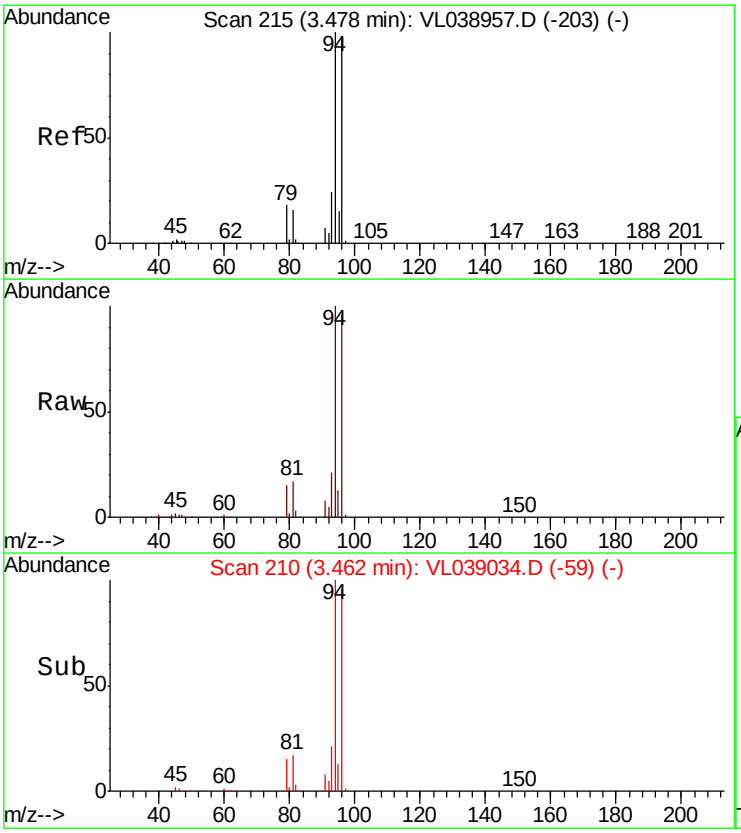
#5
Vinyl Chloride
Concen: 10.803 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 580834

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.2	36.4

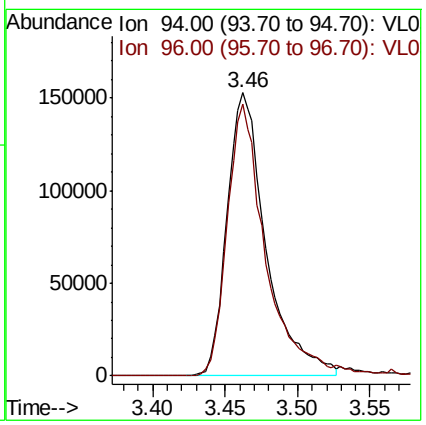


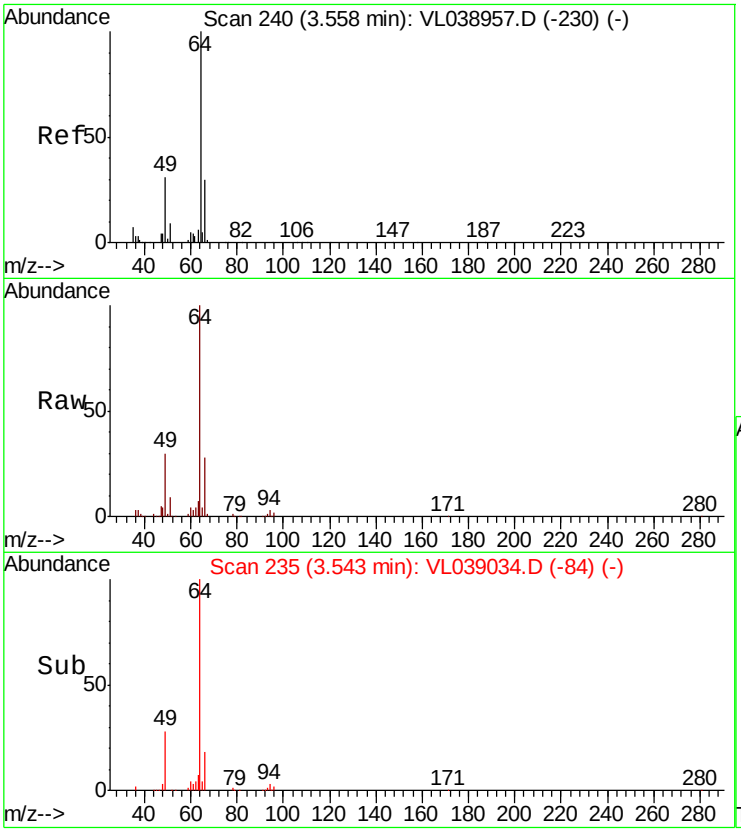


#6
Bromomethane
Concen: 11.300 ppbv
RT: 3.46 min Scan# 210
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 94 Resp: 286998

Ion	Ratio	Lower	Upper
94	100		
96	96.0	78.1	117.1



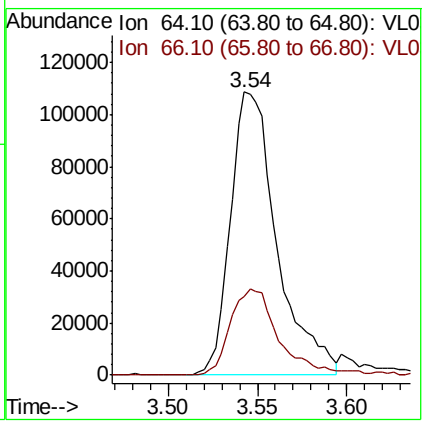


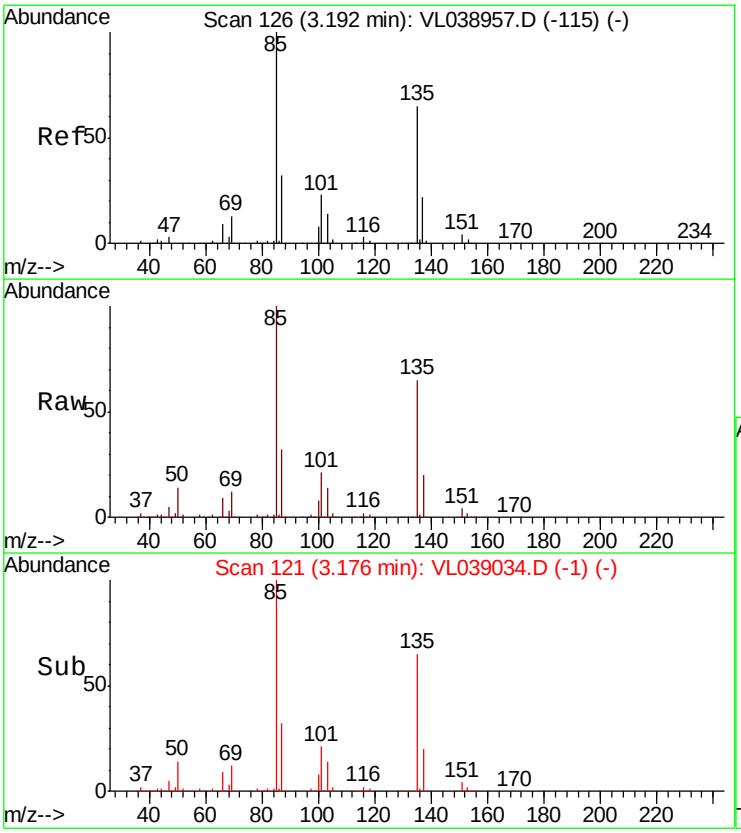
#7
Chloroethane
Concen: 10.937 ppbv
RT: 3.54
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 196810

Ion	Ratio	Lower	Upper
64	100		
66	27.8	23.8	35.8

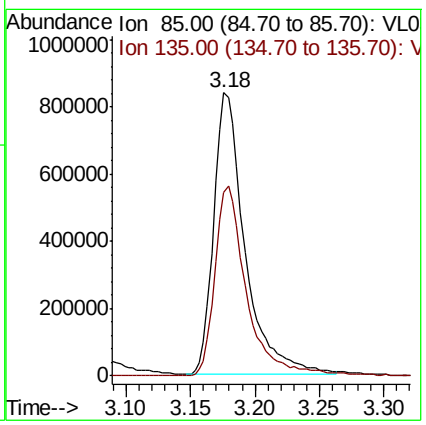


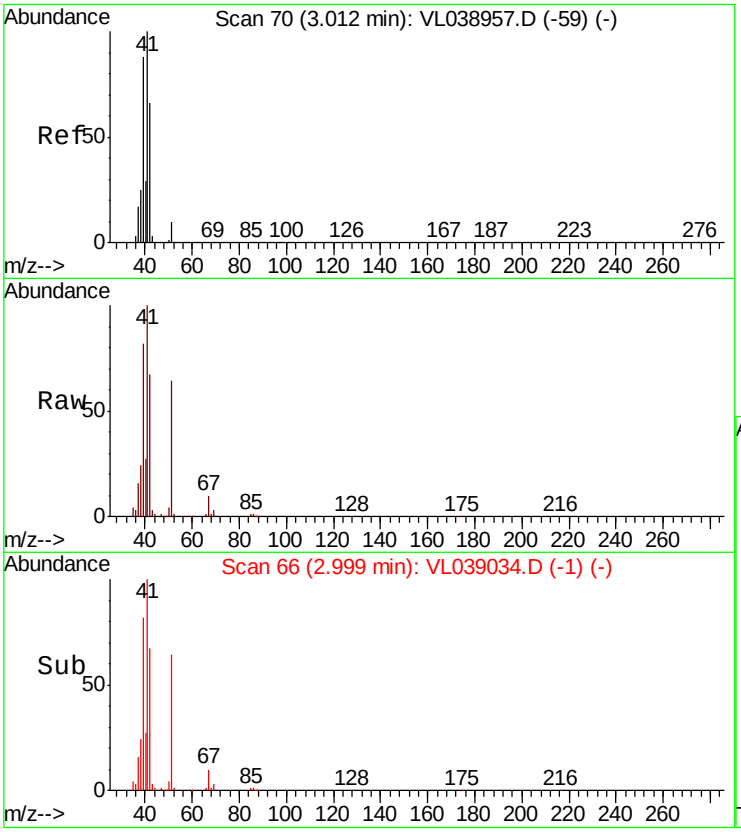


#8
Dichlorotetrafluoroethane
Concen: 10.466 ppbv
RT: 3.18 min Scan# 121
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 85 Resp: 1408125

Ion	Ratio	Lower	Upper
85	100		
135	69.0	53.6	80.4



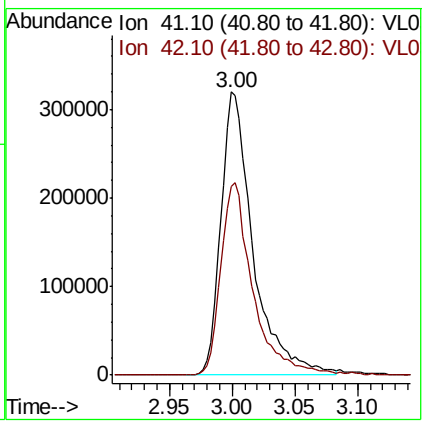


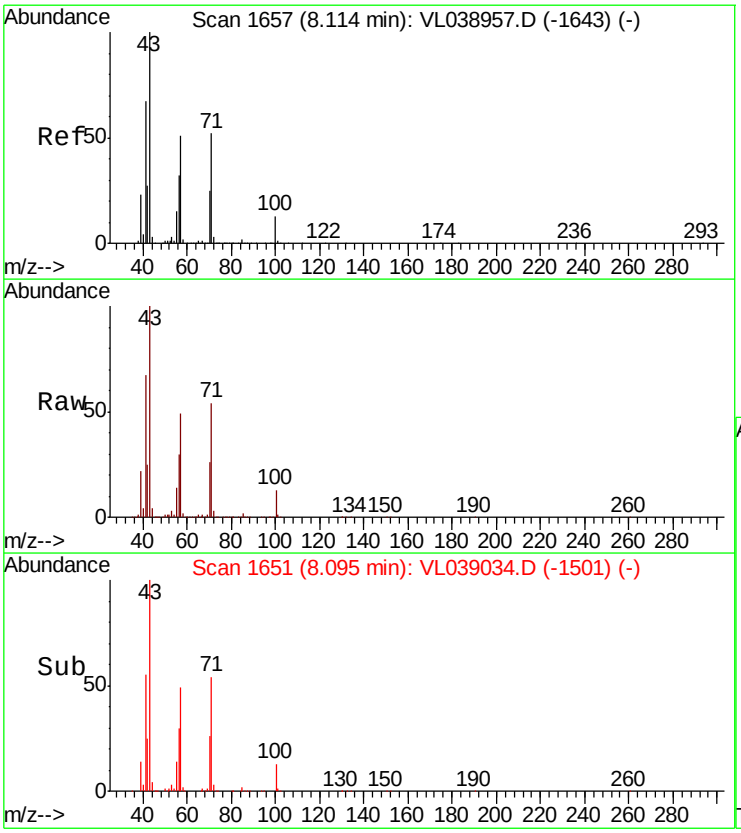
#9
Propene
Concen: 11.125 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 571183

Ion	Ratio	Lower	Upper
41	100		
42	68.3	58.3	87.5

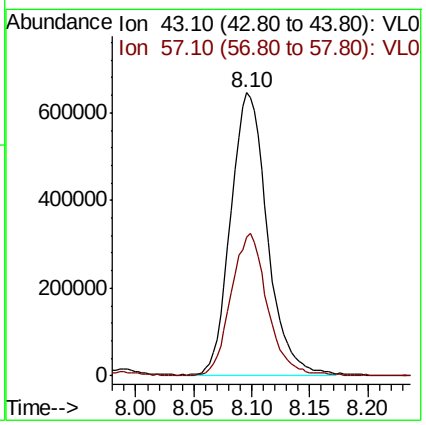


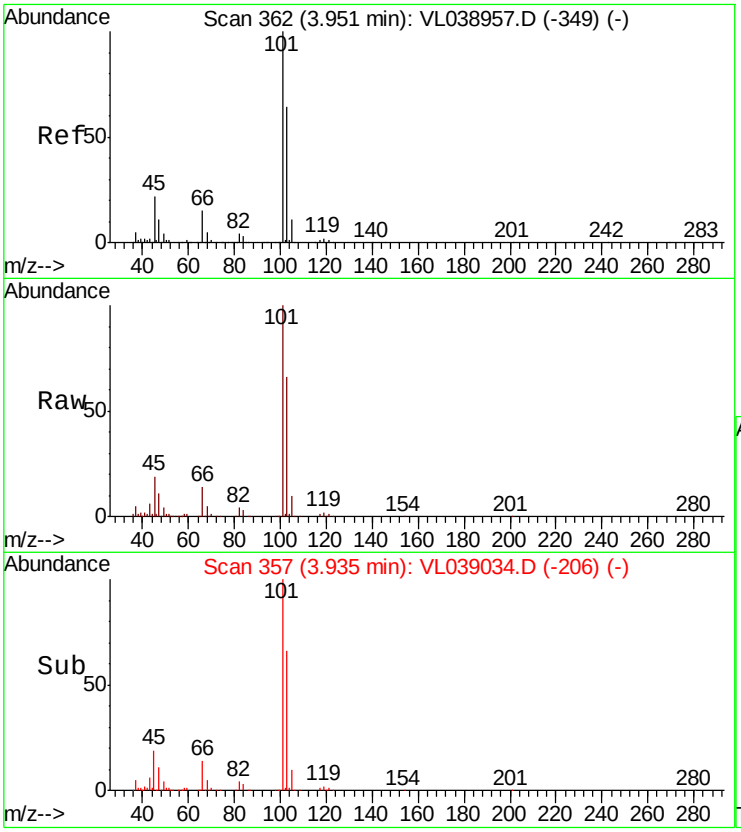


#10
Heptane
Concen: 11.175 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 43 Resp: 1407628

Ion	Ratio	Lower	Upper
43	100		
57	50.3	40.5	60.7



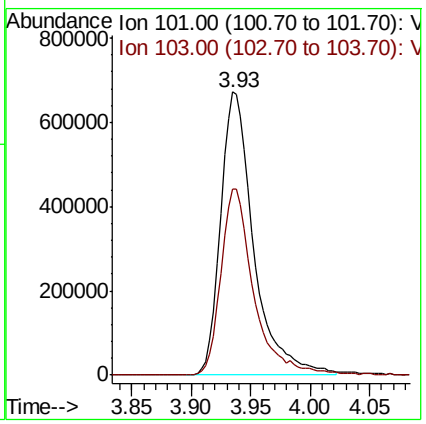


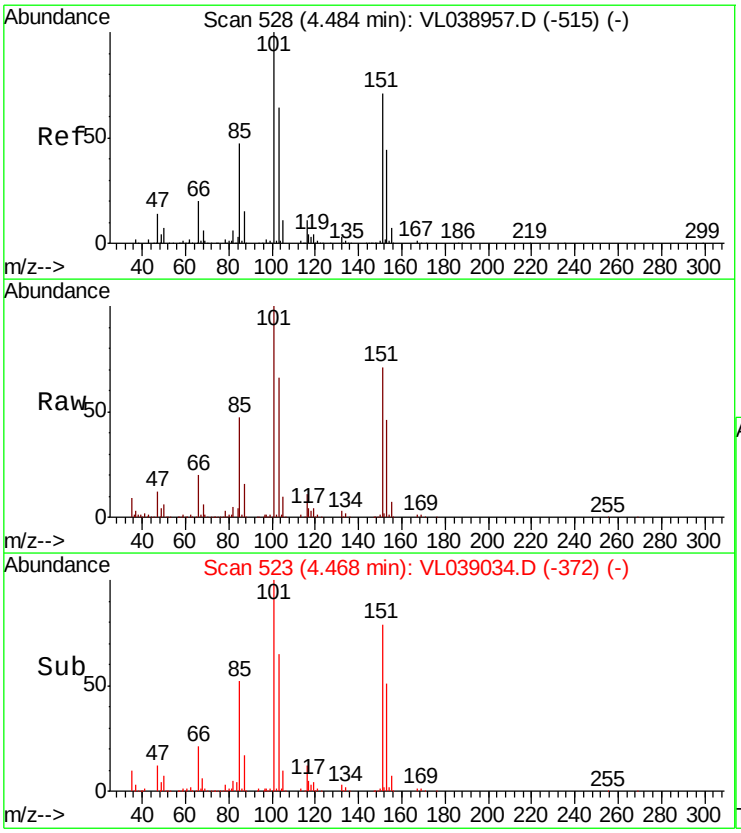
#11
Trichlorofluoromethane
Concen: 10.181 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1296788

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.5	77.3

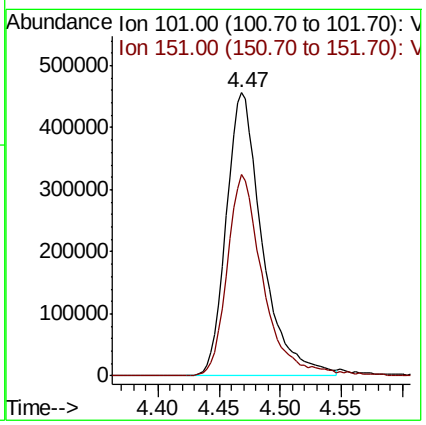


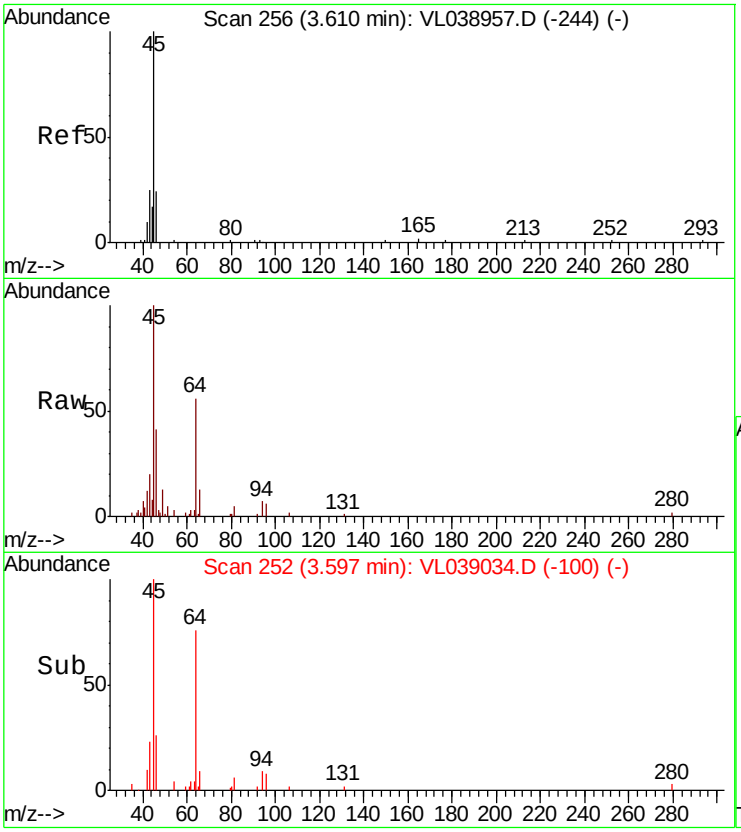


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.732 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:101 Resp: 941692

Ion	Ratio	Lower	Upper
101	100		
151	71.2	55.4	83.0



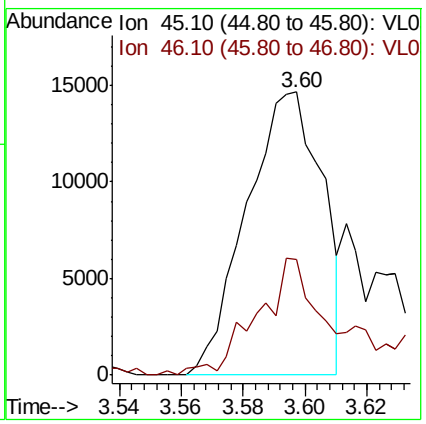


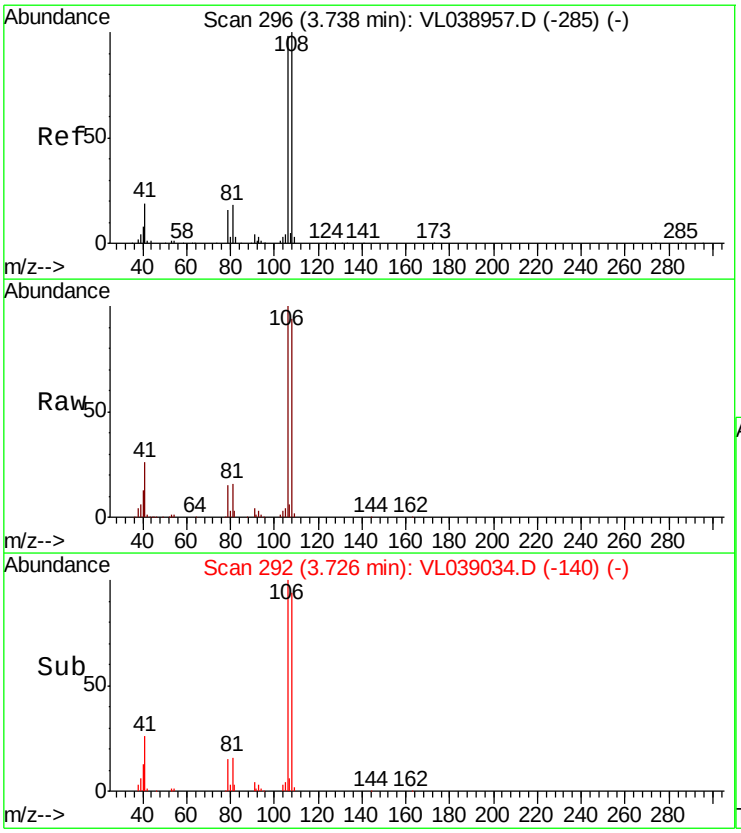
#13
Ethanol
Concen: 6.854 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 24903

Ion	Ratio	Lower	Upper
45	100		
46	59.1	18.0	72.2

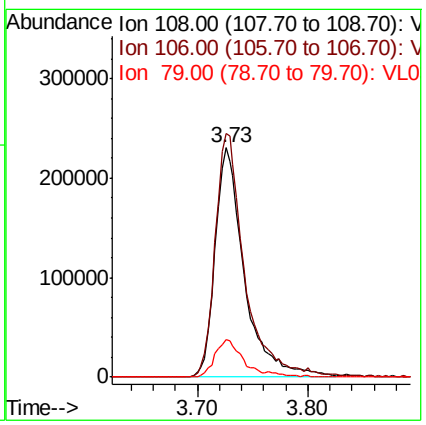


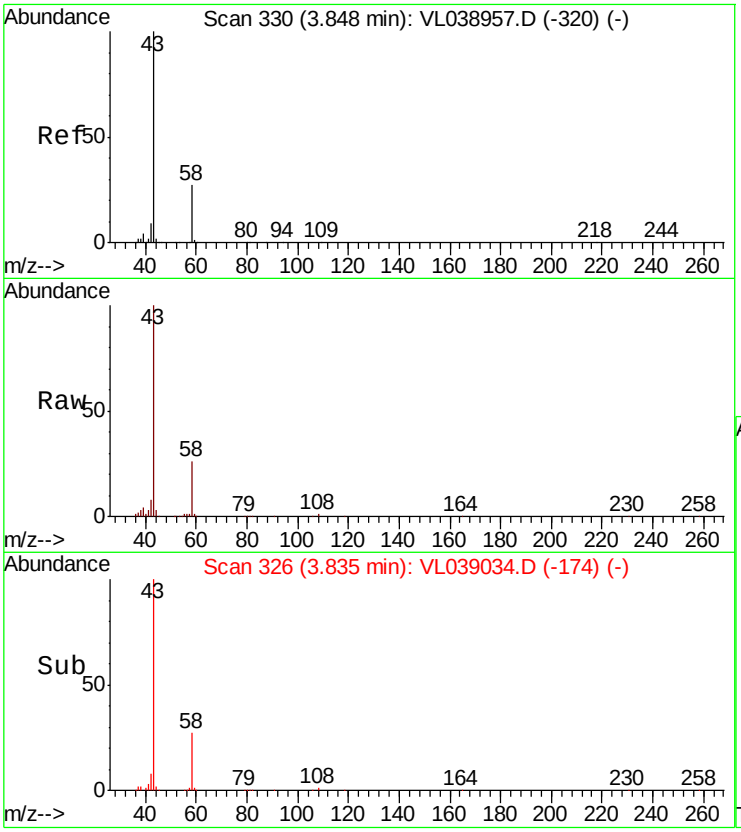


#14
Bromoethene
Concen: 11.700 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.01 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:108 Resp: 423325

Ion	Ratio	Lower	Upper
108	100		
106	108.3	90.3	135.5
79	16.9	14.9	22.3



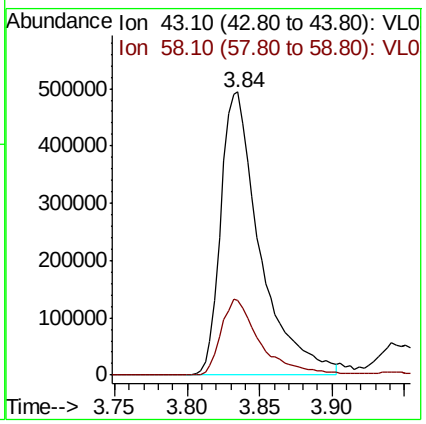


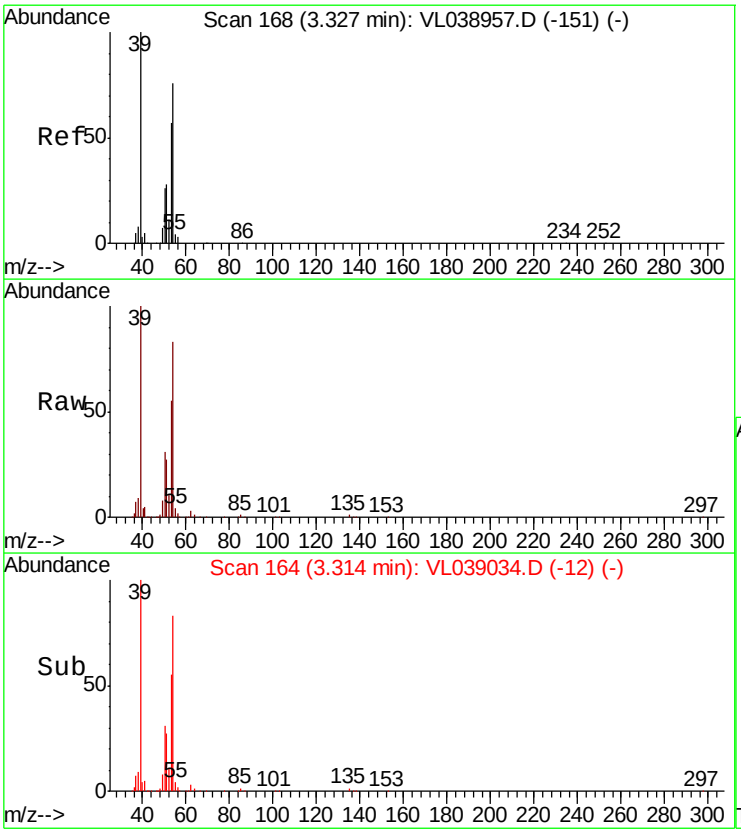
#15
Acetone
Concen: 10.388 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 928421

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.3	31.9

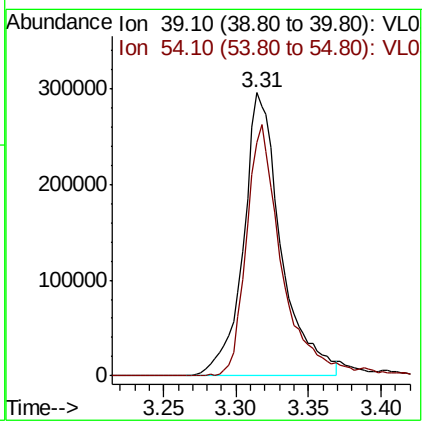


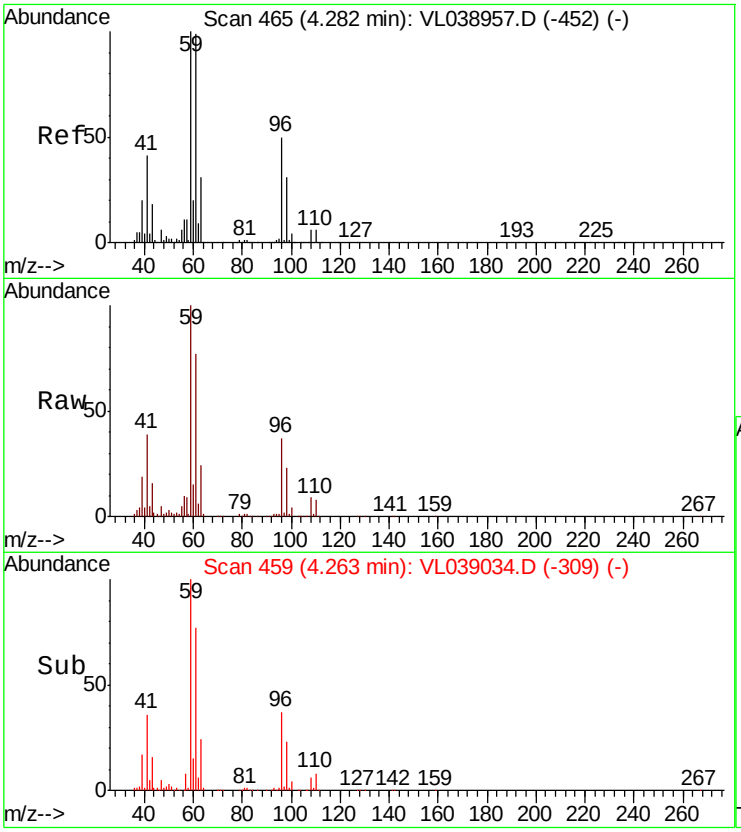


#16
1,3-Butadiene
Concen: 10.448 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 39 Resp: 536510

Ion	Ratio	Lower	Upper
39	100		
54	85.2	65.2	97.8



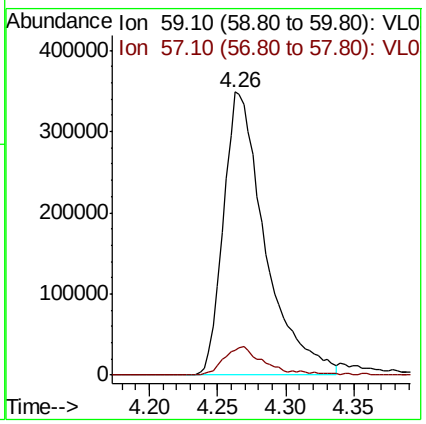


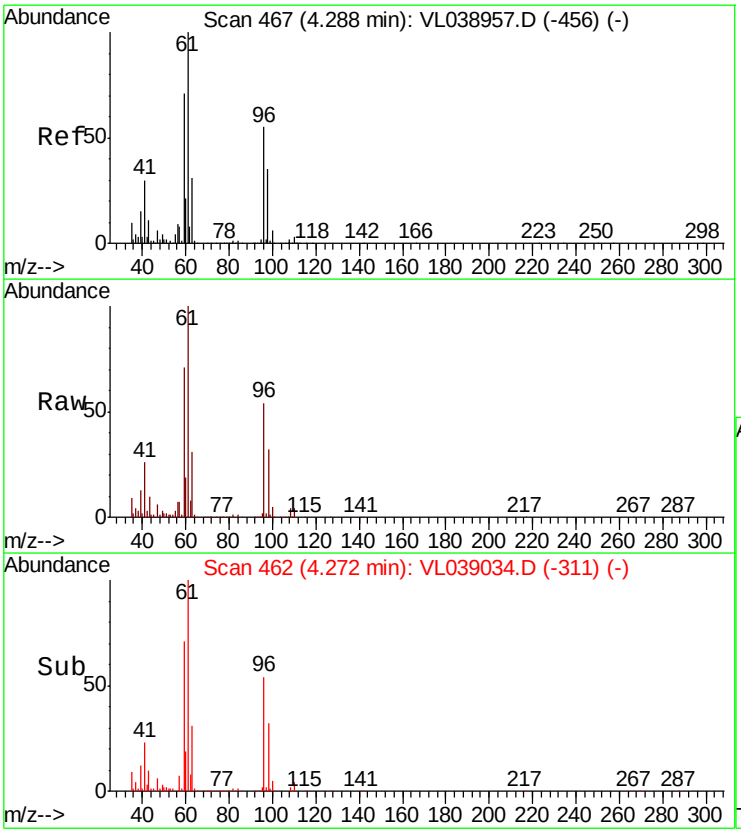
#17
tert-Butyl alcohol
Concen: 10.783 ppbv
RT: 4.26
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 740720

Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.2	13.8

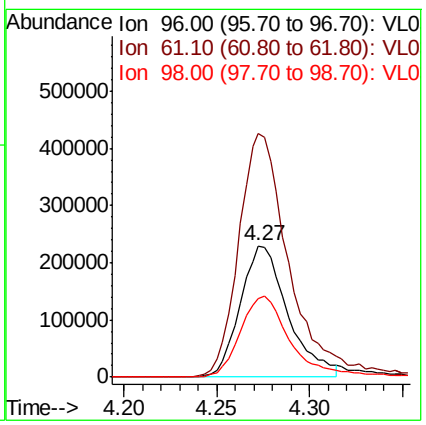


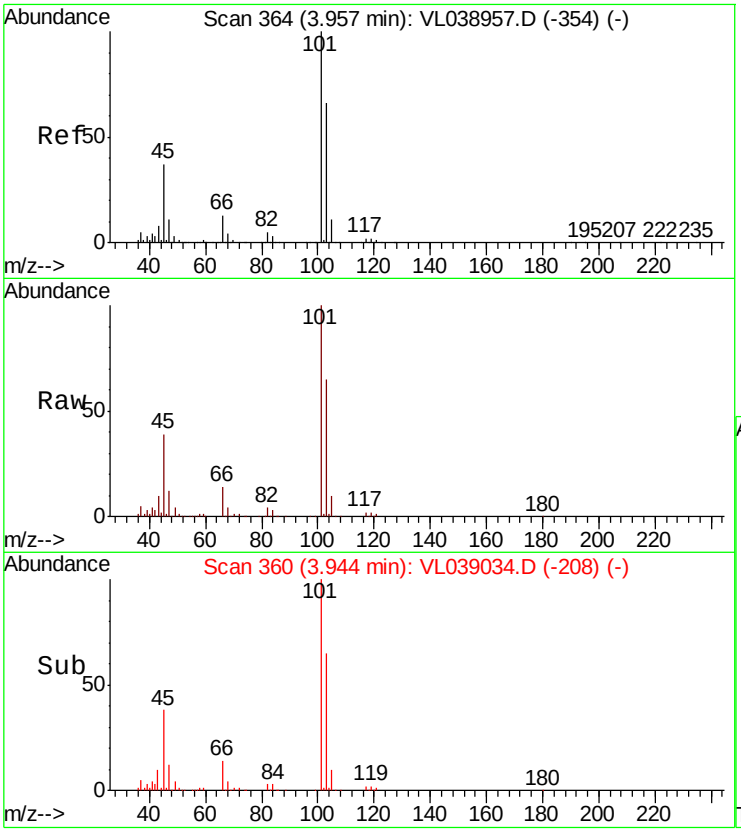


#18
1,1-Dichloroethene
Concen: 10.826 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 96 Resp: 408840

Ion	Ratio	Lower	Upper
96	100		
61	185.7	146.3	219.5
98	60.1	50.6	75.8



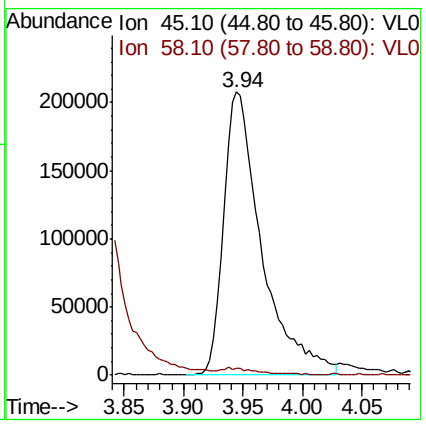


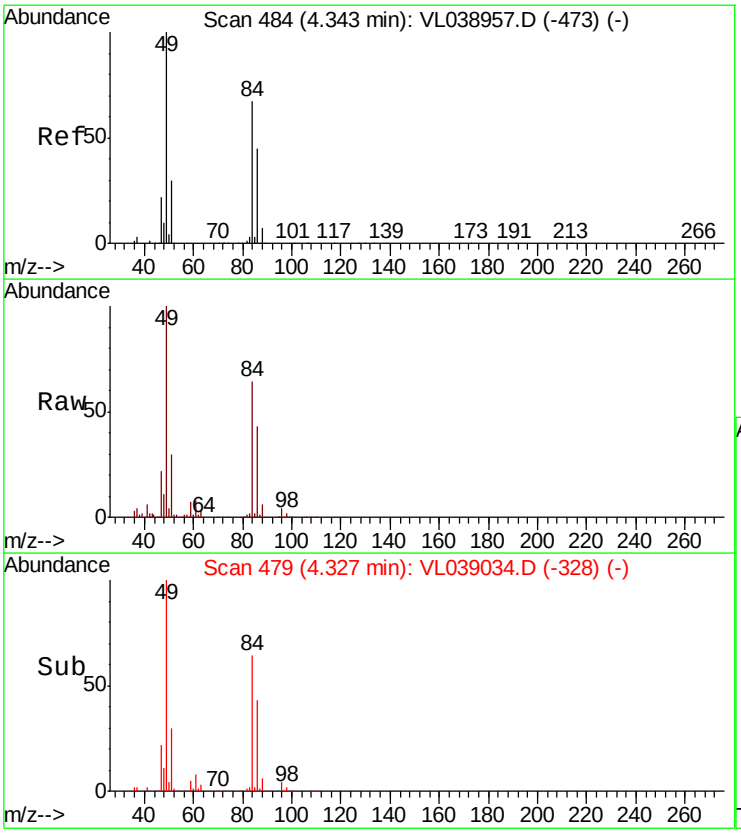
#19
Isopropyl Alcohol
Concen: 10.811 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 459397

Ion	Ratio	Lower	Upper
45	100		
58	2.0	1.4	2.2

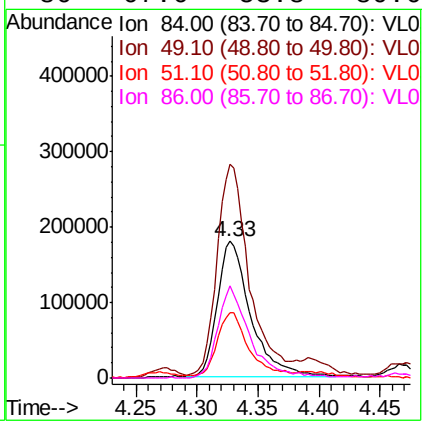


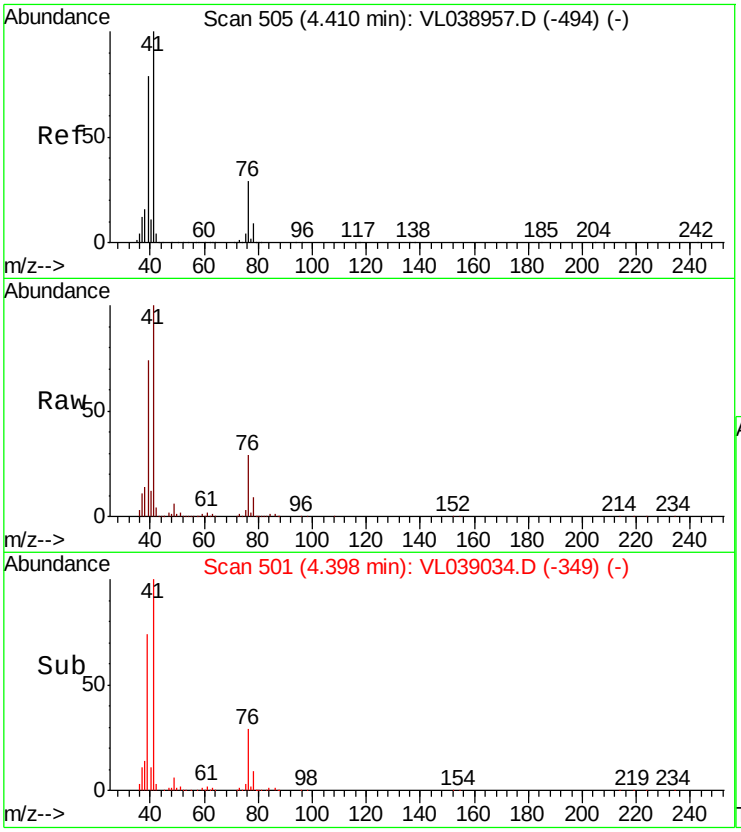


#20
Methylene Chloride
Concen: 10.403 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 84 Resp: 350427

Ion	Ratio	Lower	Upper
84	100		
49	155.2	119.9	179.9
51	46.3	35.7	53.5
86	67.6	53.8	80.6



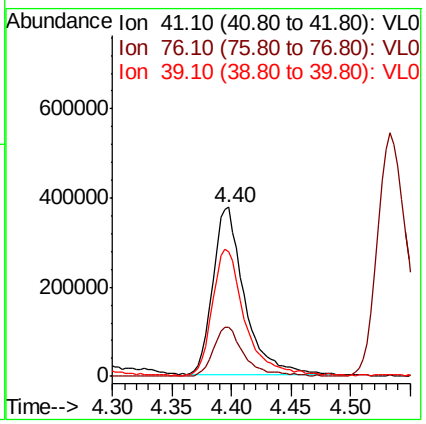


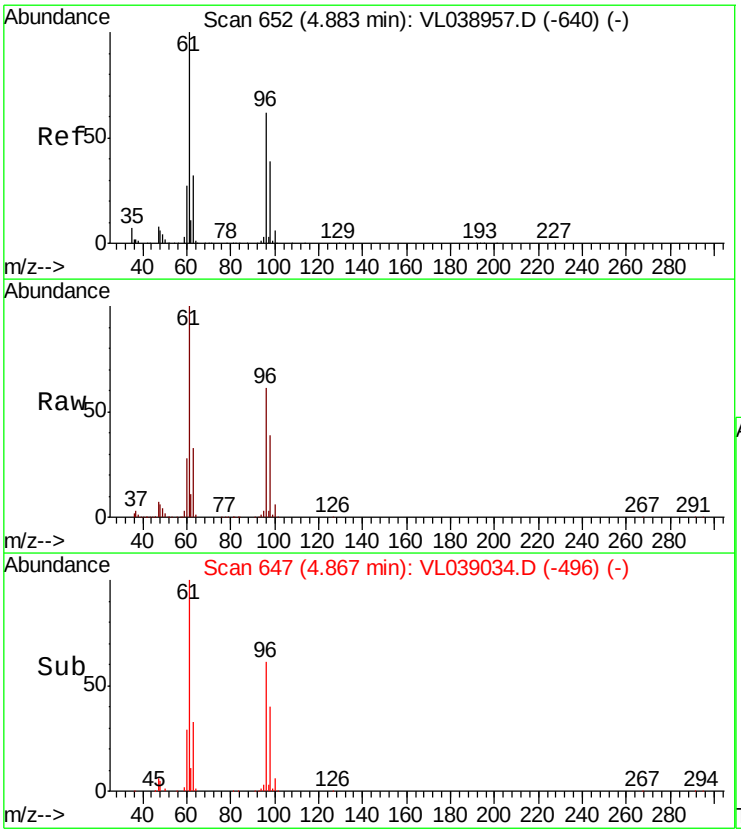
#21
Allyl Chloride
Concen: 11.396 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 694067

Ion	Ratio	Lower	Upper
41	100		
76	29.1	24.2	36.4
39	77.2	63.8	95.8

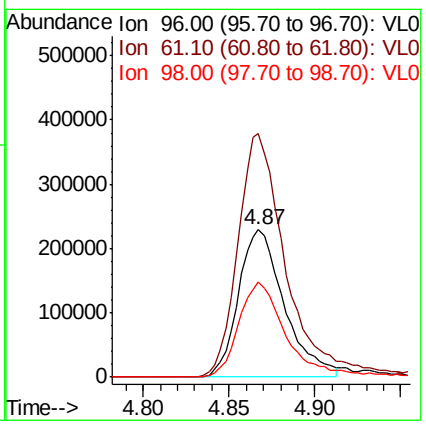


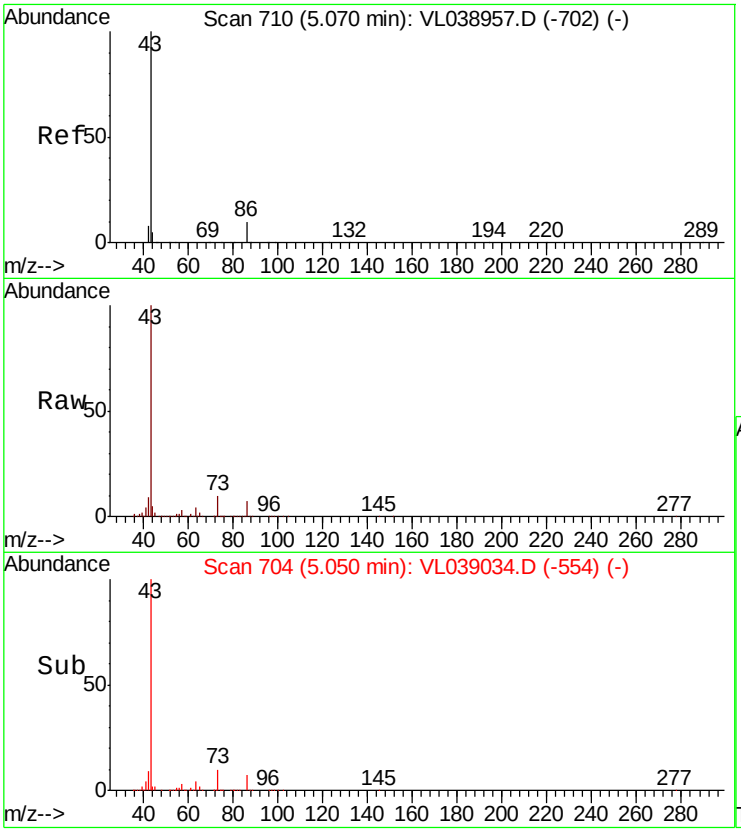


#22
trans-1,2-Dichloroethene
Concen: 10.410 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 96 Resp: 424629

Ion	Ratio	Lower	Upper
96	100		
61	165.0	128.2	192.2
98	64.8	50.1	75.1



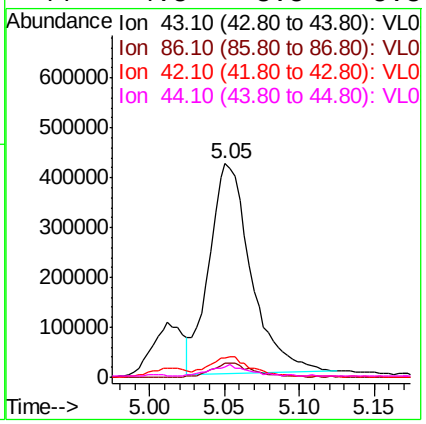


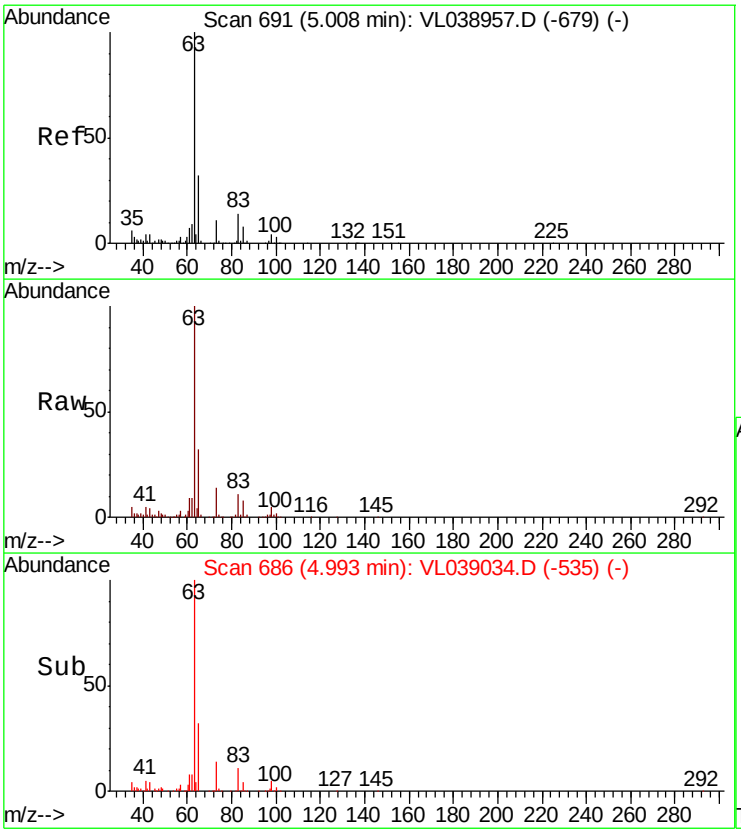
#23
Vinyl Acetate
Concen: 11.662 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 824698

Ion	Ratio	Lower	Upper
43	100		
86	6.7	6.6	9.8
42	8.8	8.1	12.1
44	4.5	3.5	5.3

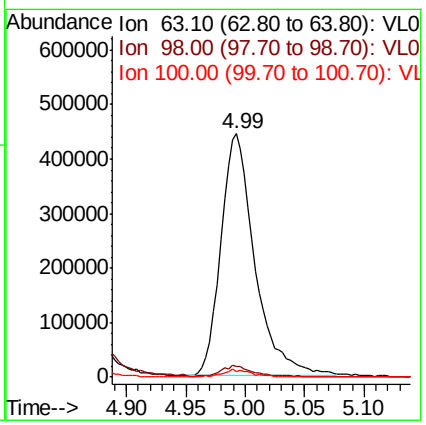


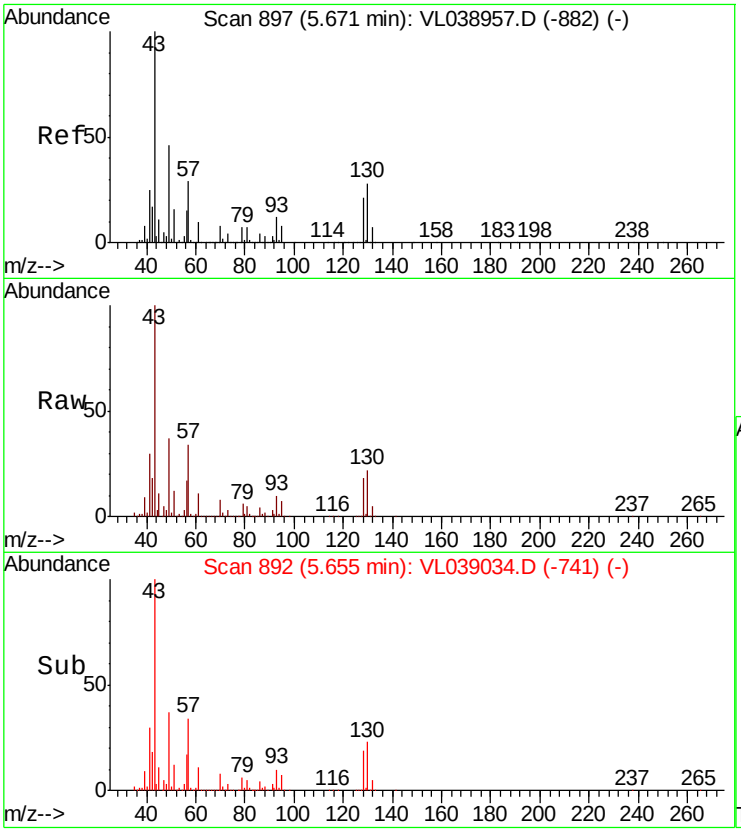


#24
1,1-Dichloroethane
Concen: 10.779 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 63 Resp: 877754

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.2
100	2.1	1.4	4.2



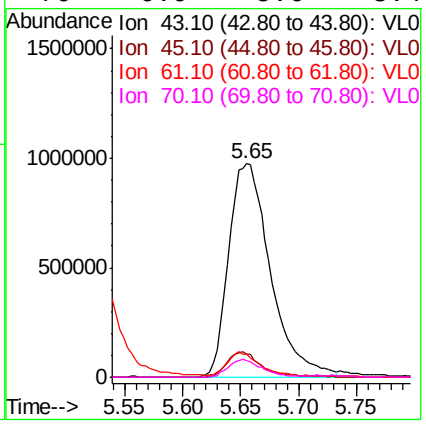


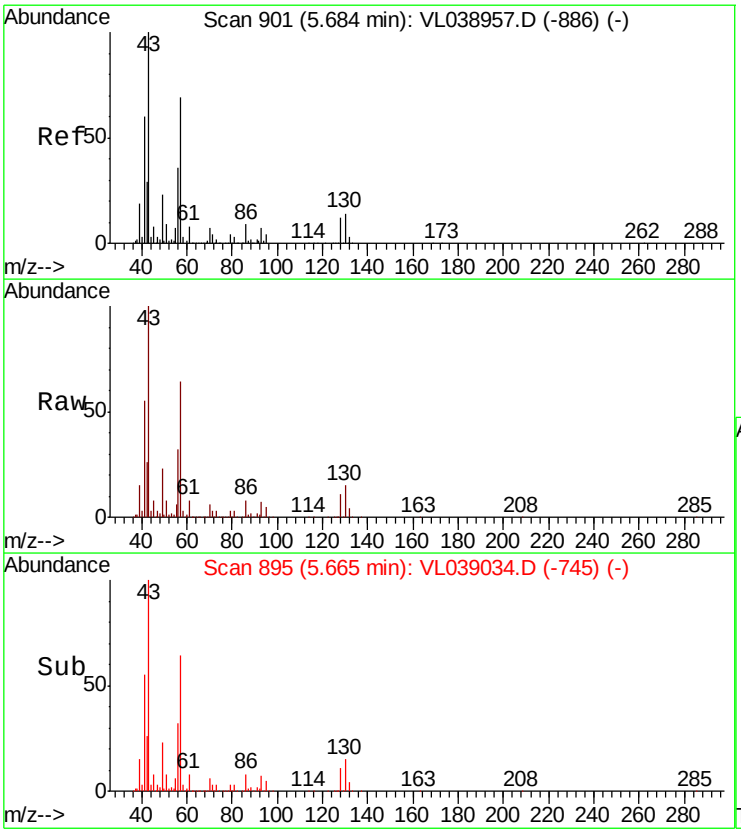
#25
Ethyl Acetate
Concen: 11.371 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2432512

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	9.3	7.8	11.6
70	6.9	5.6	8.4

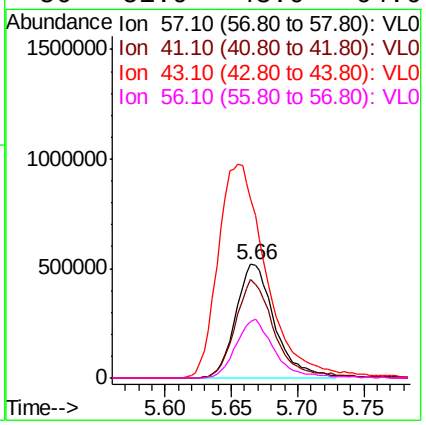


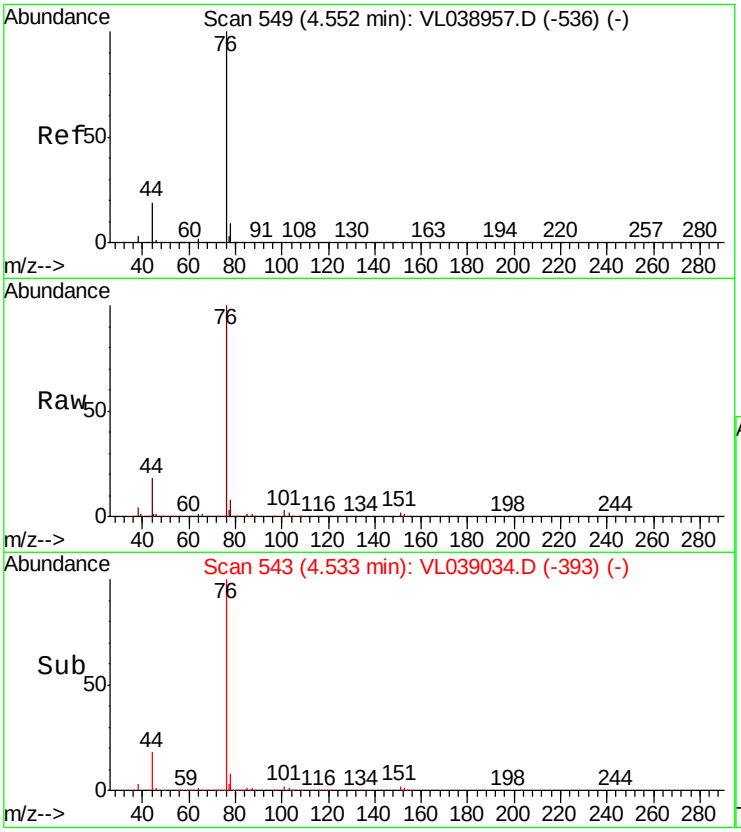


#26
Hexane
Concen: 11.155 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 57 Resp: 1060294

Ion	Ratio	Lower	Upper
57	100		
41	88.4	75.2	112.8
43	234.2	190.8	286.2
56	51.9	43.0	64.6



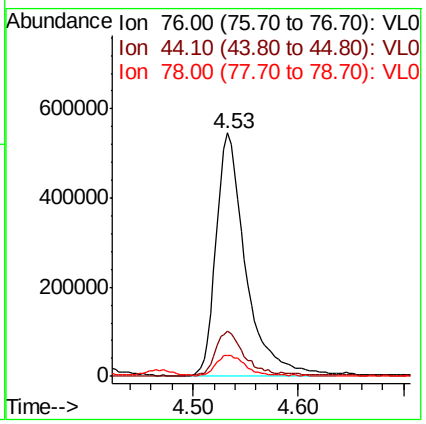


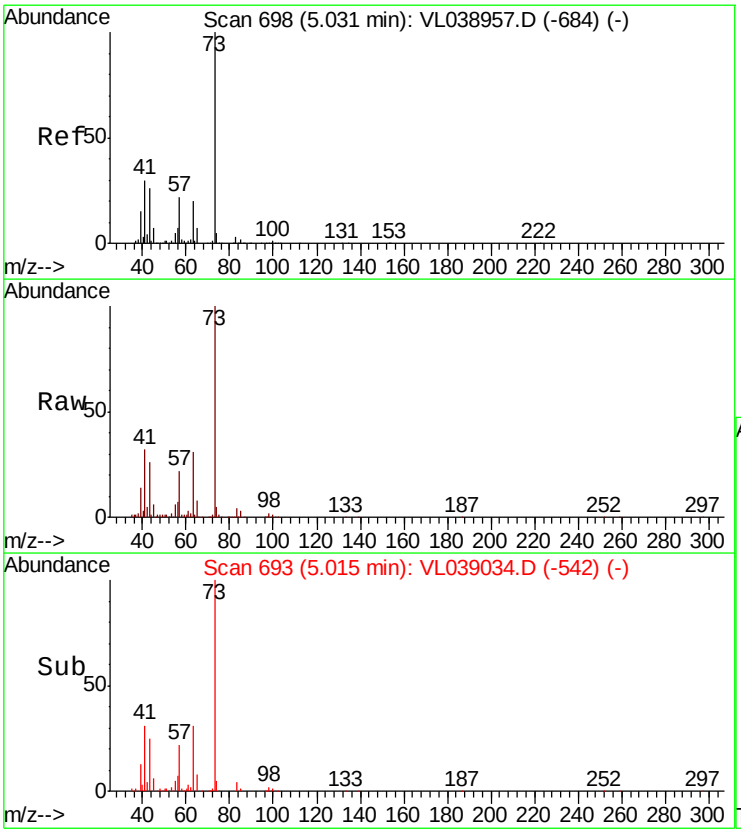
#27
Carbon Disulfide
Concen: 11.749 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1060868

Ion	Ratio	Lower	Upper
76	100		
44	18.7	15.3	22.9
78	9.2	8.2	12.2

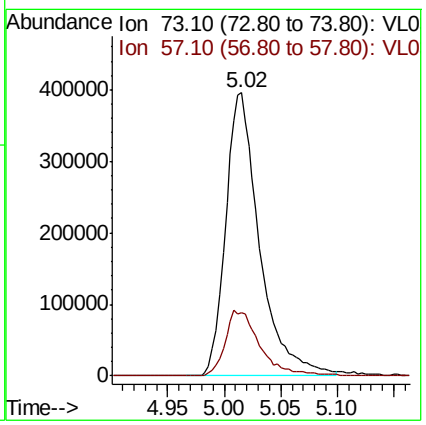


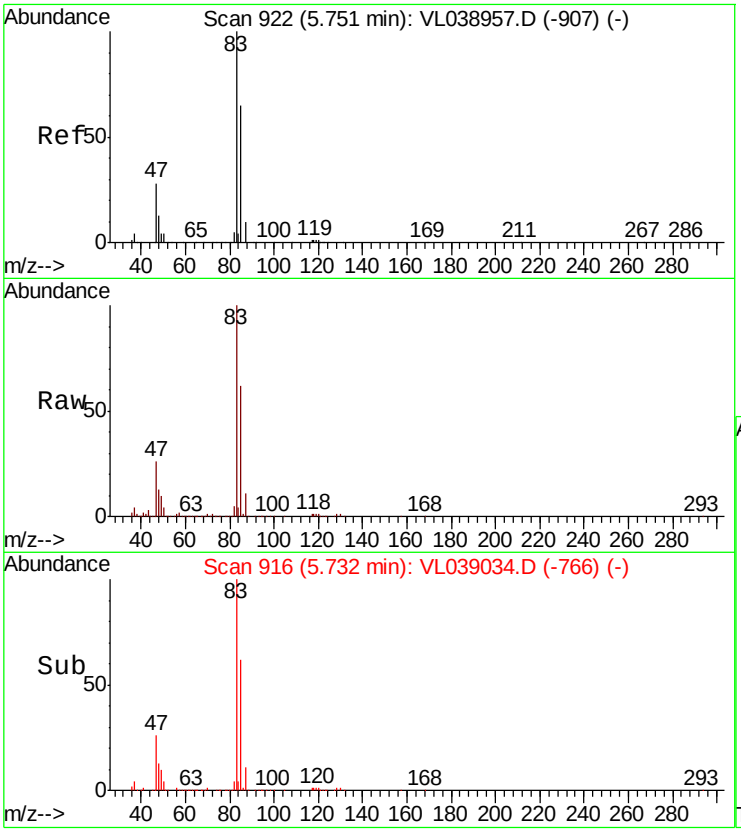


#28
Methyl tert-Butyl Ether
Concen: 11.361 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 73 Resp: 821575

Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.8	28.2



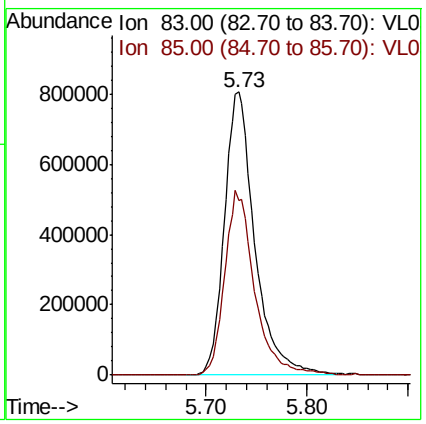


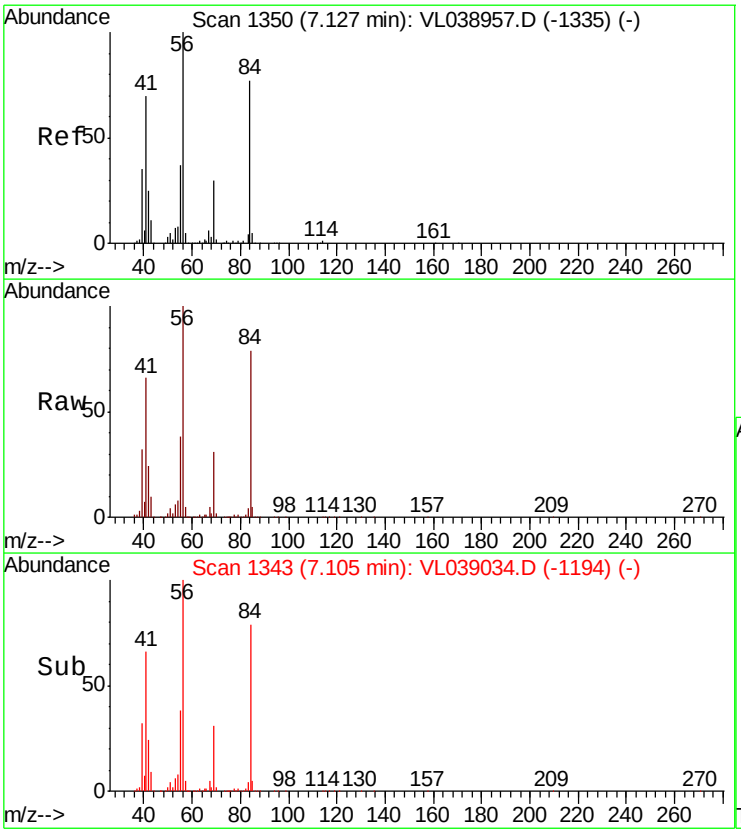
#29
Chloroform
Concen: 10.997 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1691053

Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.8	77.6

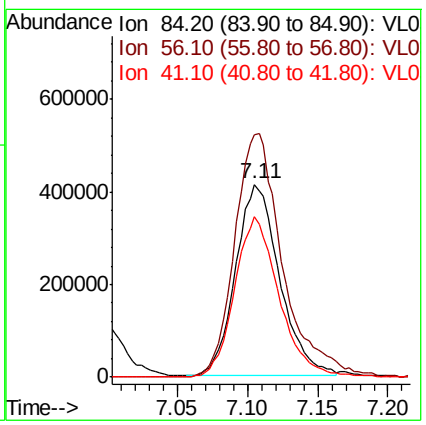


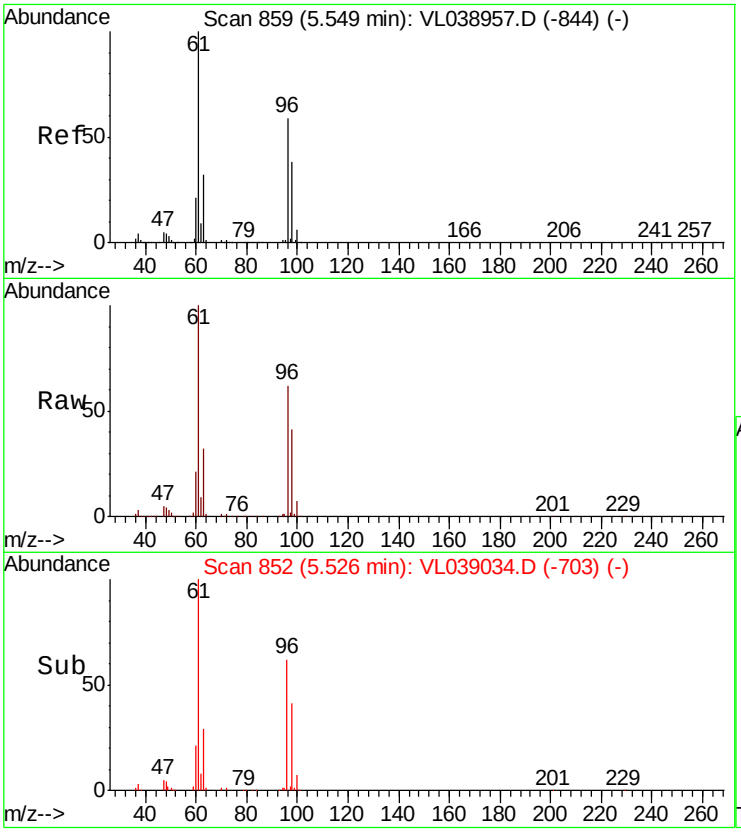


#30
Cyclohexane
Concen: 11.340 ppbv
RT: 7.11 min Scan# 1343
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 84 Resp: 902394

Ion	Ratio	Lower	Upper
84	100		
56	139.8	115.3	172.9
41	85.4	72.0	108.0



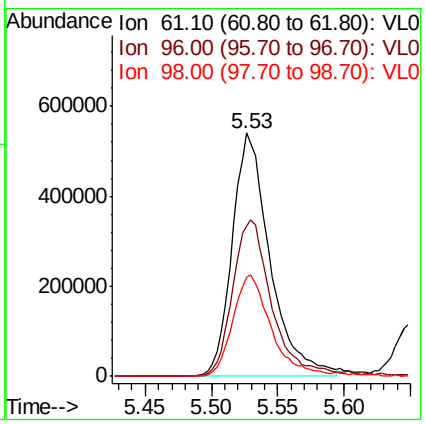


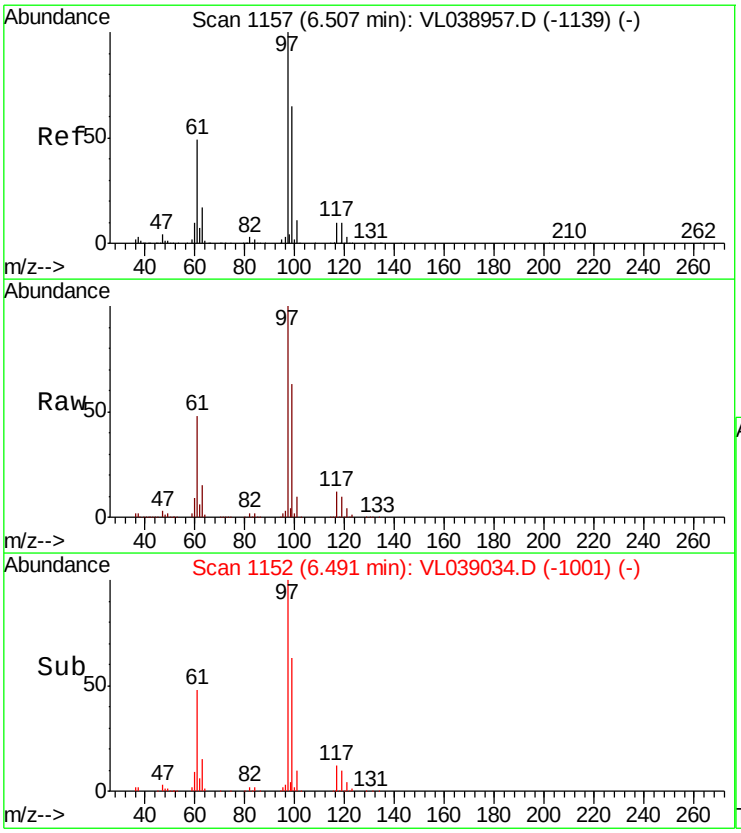
#31
cis-1,2-Dichloroethene
Concen: 11.049 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1069887

Ion	Ratio	Lower	Upper
61	100		
96	61.8	47.4	71.0
98	40.7	30.6	45.8

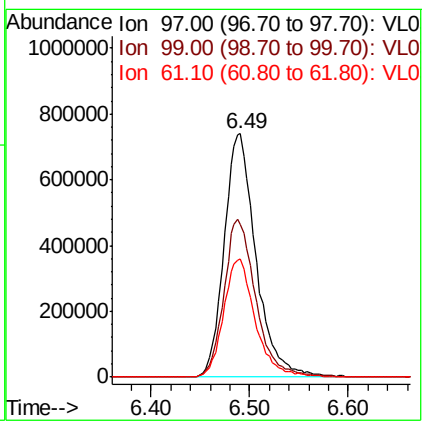


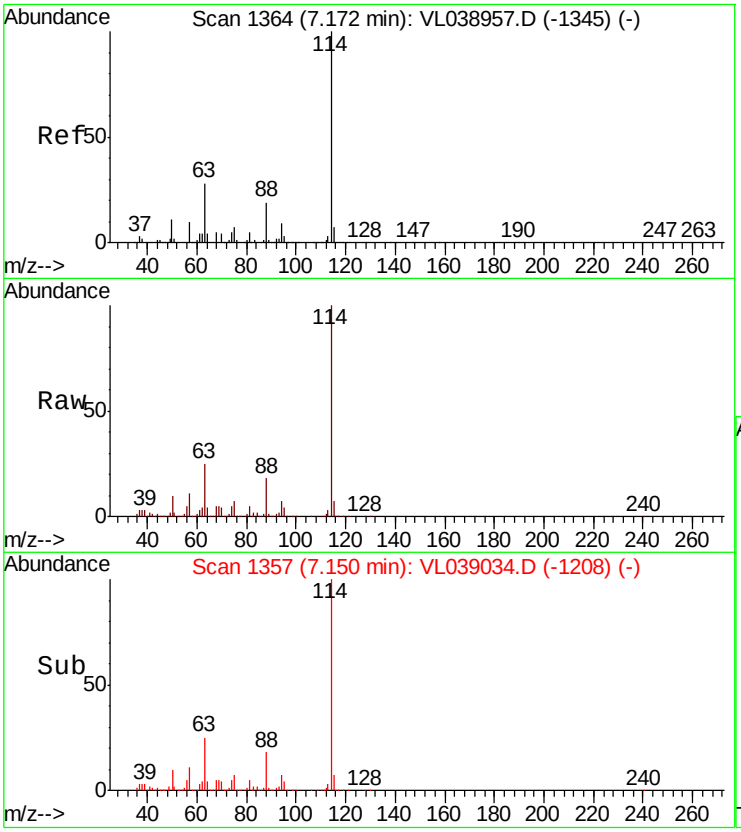


#32
1,1,1-Trichloroethane
Concen: 10.823 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 97 Resp: 1664200

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	48.5	40.9	61.3



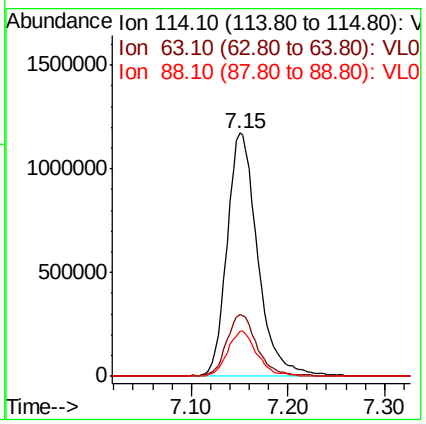


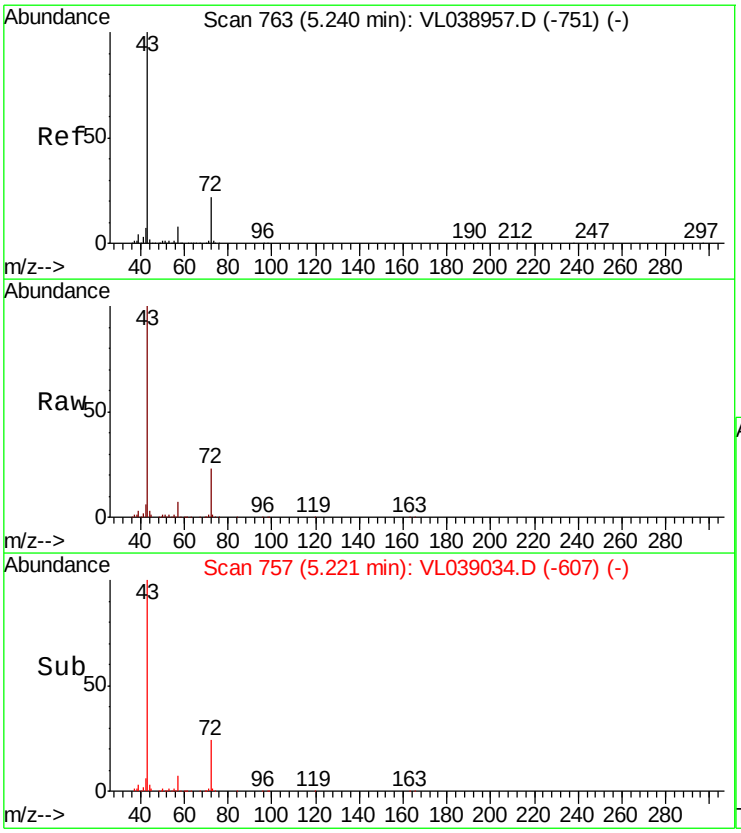
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2574084

Ion	Ratio	Lower	Upper
114	100		
63	25.9	22.6	33.8
88	18.2	15.4	23.0

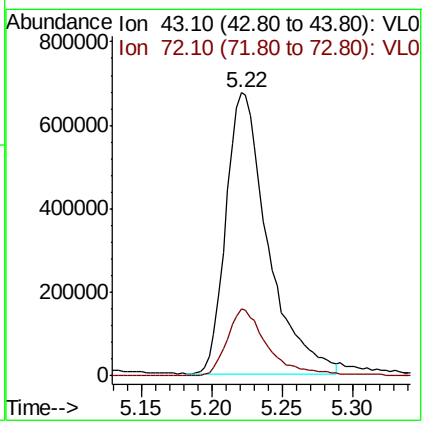


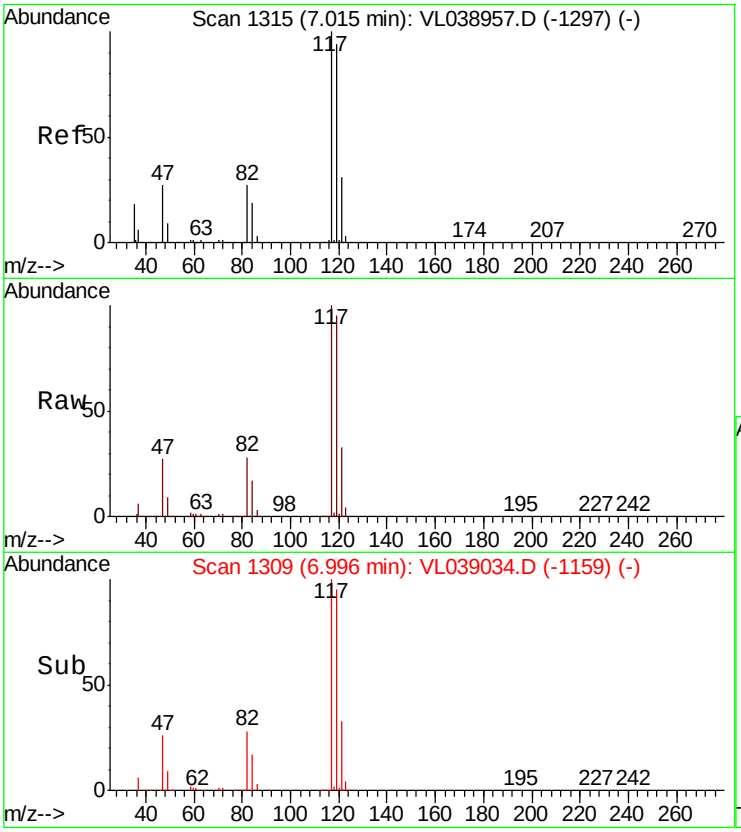


#34
2-Butanone
Concen: 10.746 ppbv
RT: 5.22 min Scan# 757
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 43 Resp: 1411240

Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.8	26.6



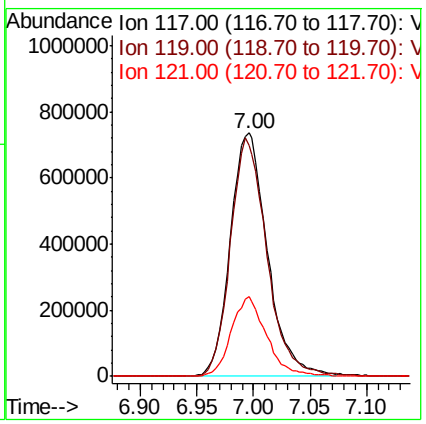


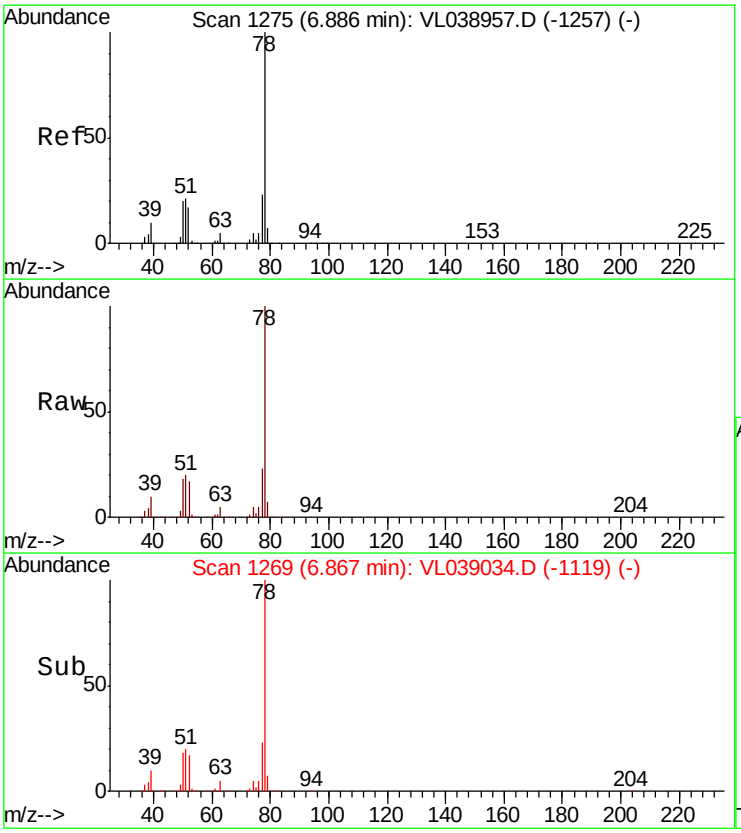
#35
Carbon Tetrachloride
Concen: 9.915 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1681688

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.2	112.8
121	32.7	24.6	37.0

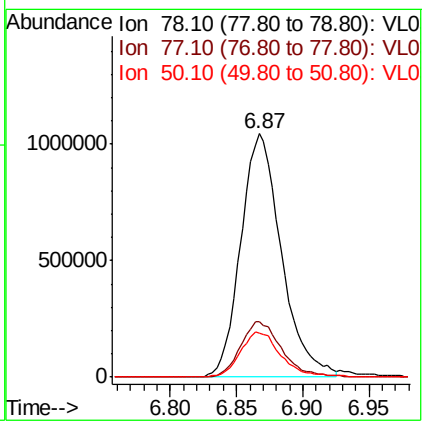


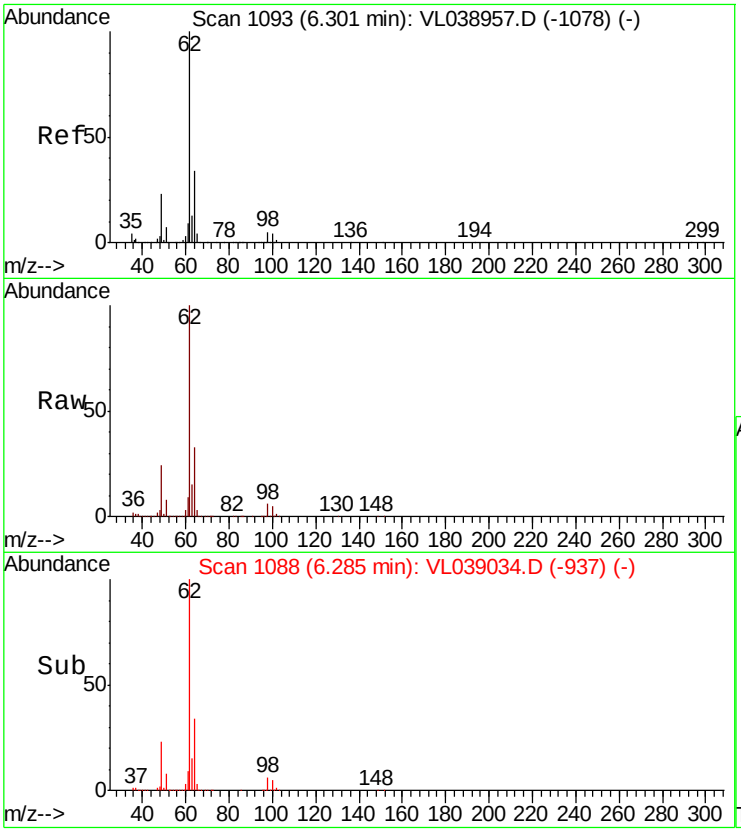


#36
Benzene
Concen: 10.104 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 78 Resp: 2225883

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.6	28.0
50	18.2	15.6	23.4



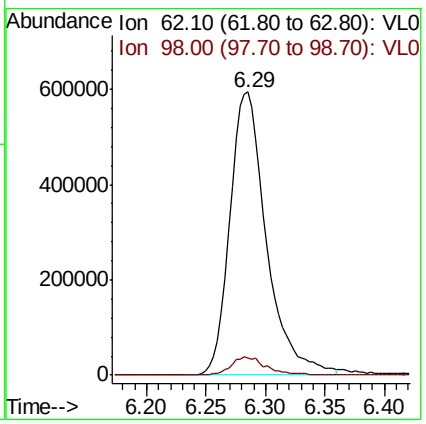


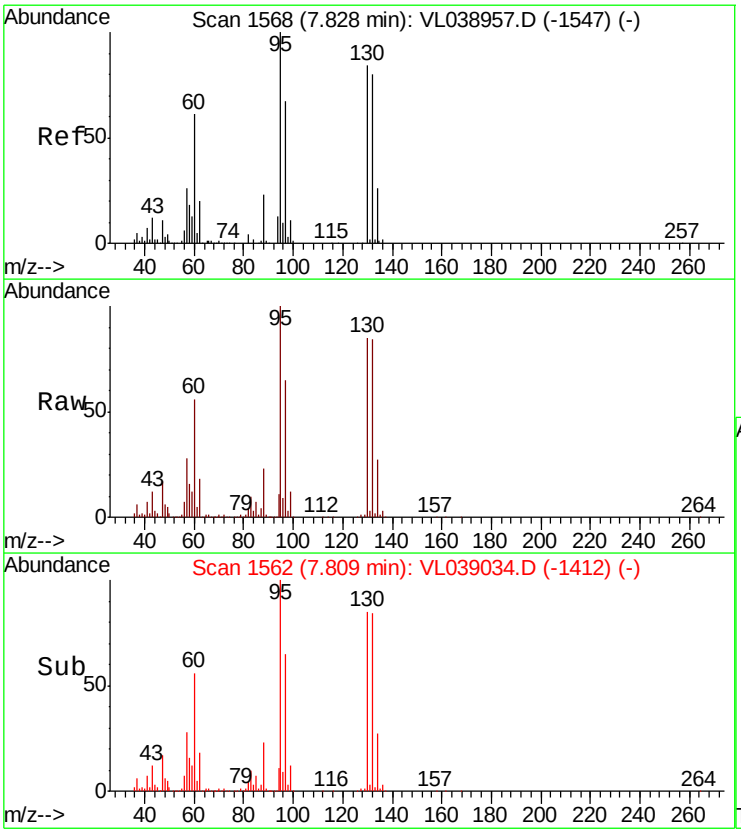
#37
1,2-Dichloroethane
Concen: 9.299 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1267389

Ion	Ratio	Lower	Upper
62	100		
98	6.3	4.5	6.7

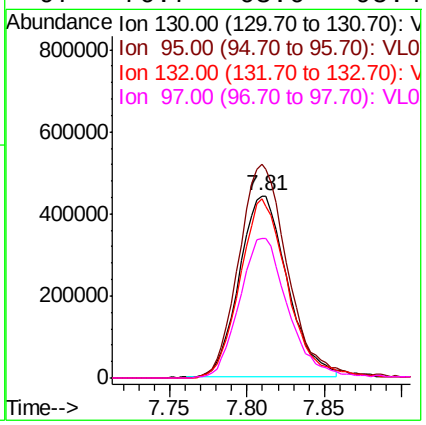


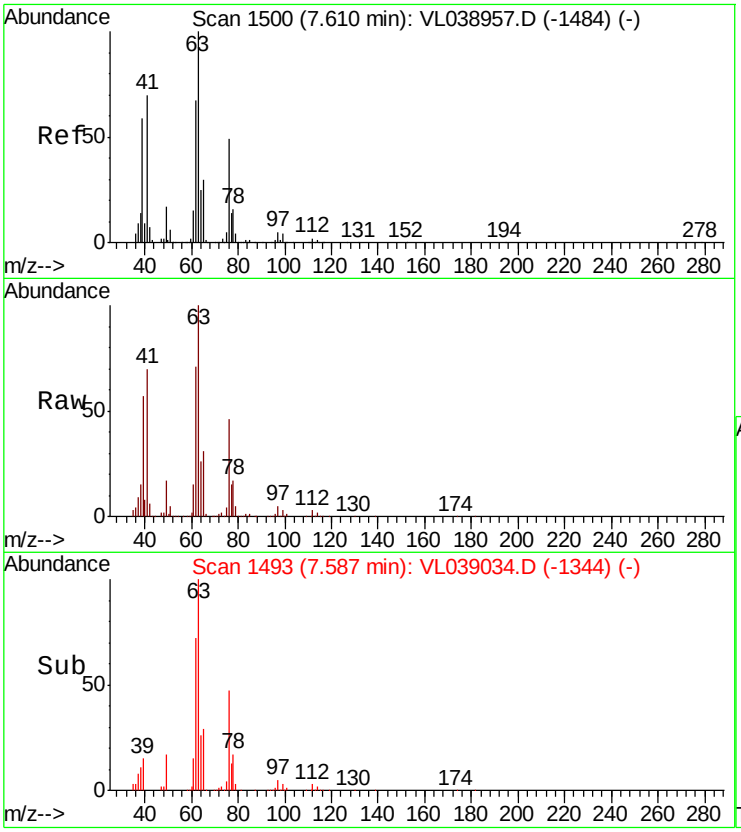


#38
Trichloroethene
Concen: 9.707 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:130 Resp: 950632

Ion	Ratio	Lower	Upper
130	100		
95	117.8	94.8	142.2
132	98.7	75.8	113.8
97	76.7	63.6	95.4



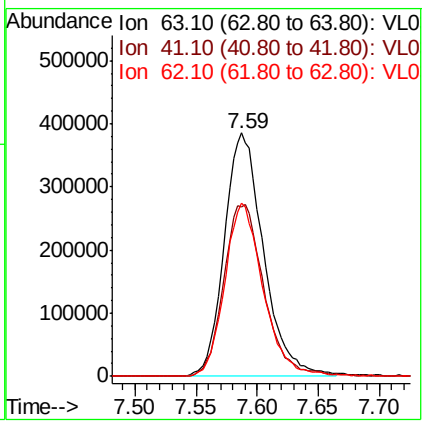


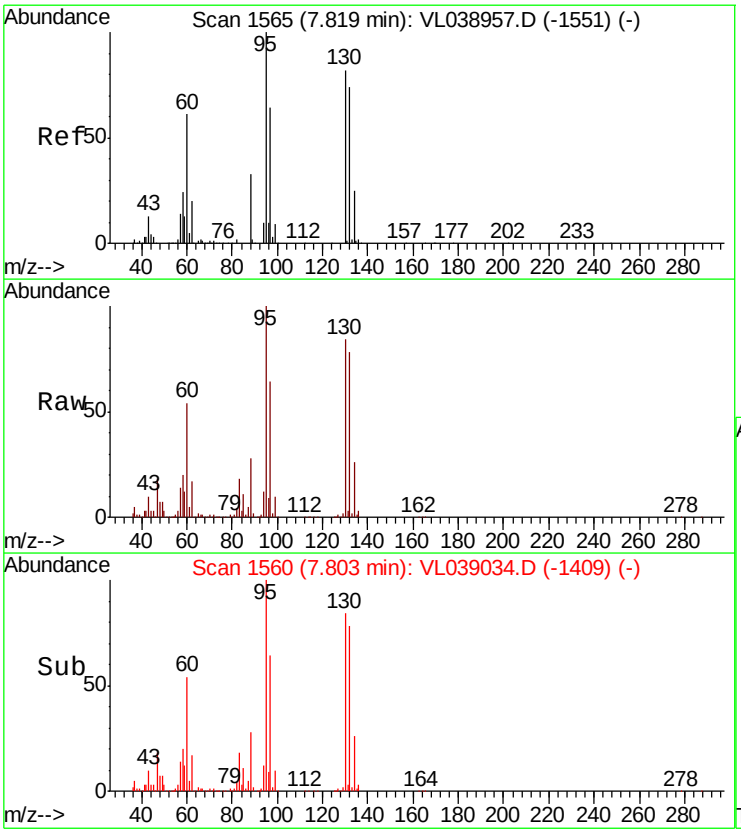
#39
1,2-Dichloropropane
Concen: 9.952 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 852998

Ion	Ratio	Lower	Upper
63	100		
41	69.5	55.9	83.9
62	71.4	53.8	80.6

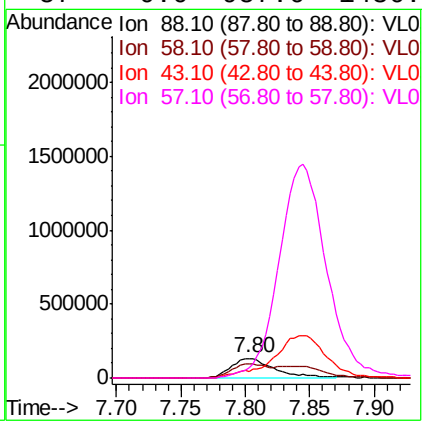


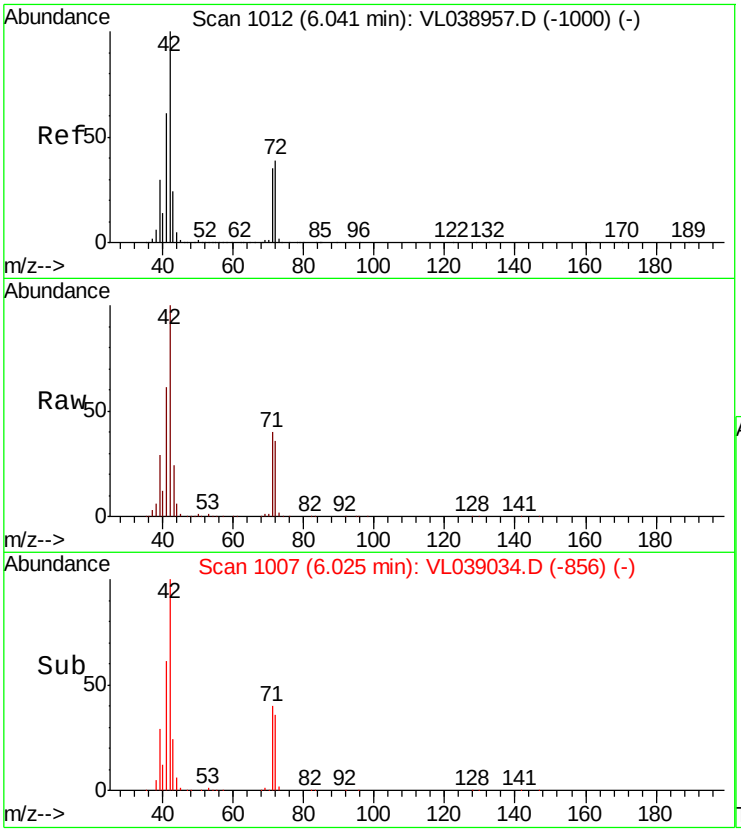


#40
1,4-Dioxane
Concen: 10.014 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 88 Resp: 308269

Ion	Ratio	Lower	Upper
88	100		
58	68.1	106.1	159.1#
43	0.0	222.9	334.3#
57	0.0	957.6	1436.4#



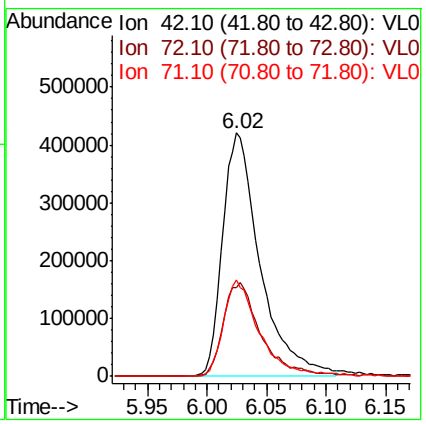


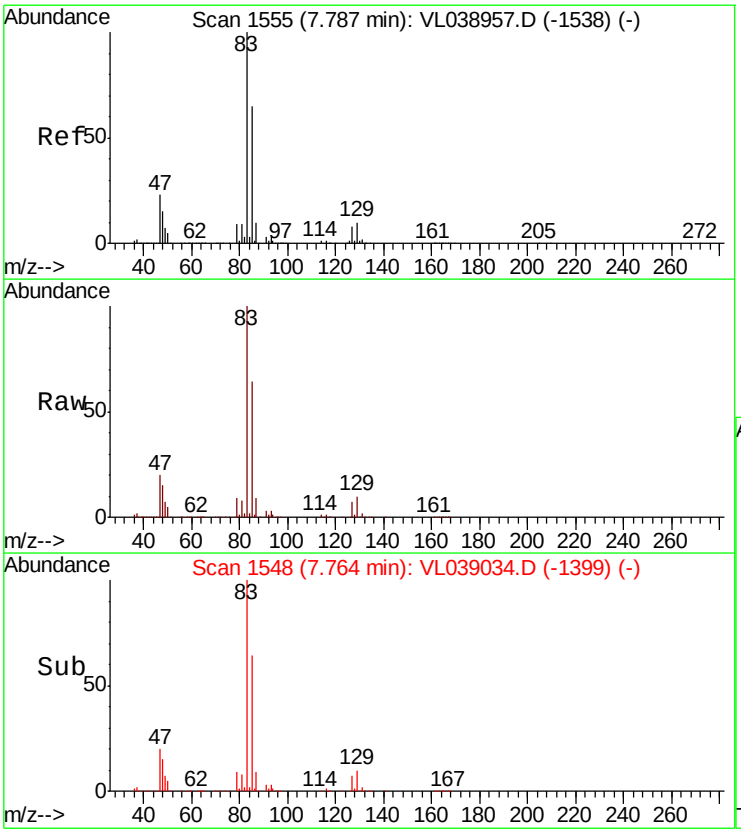
#41
Tetrahydrofuran
Concen: 10.385 ppbv
RT: 6.02
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 916595

Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.8	47.6
71	38.8	30.6	45.8

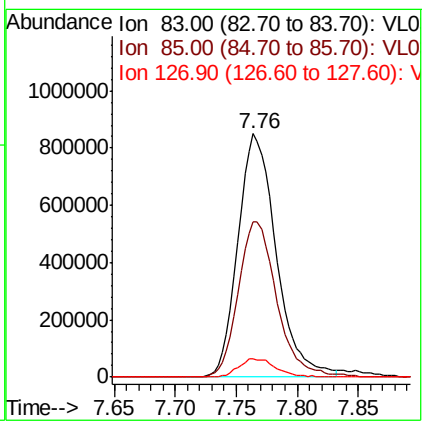


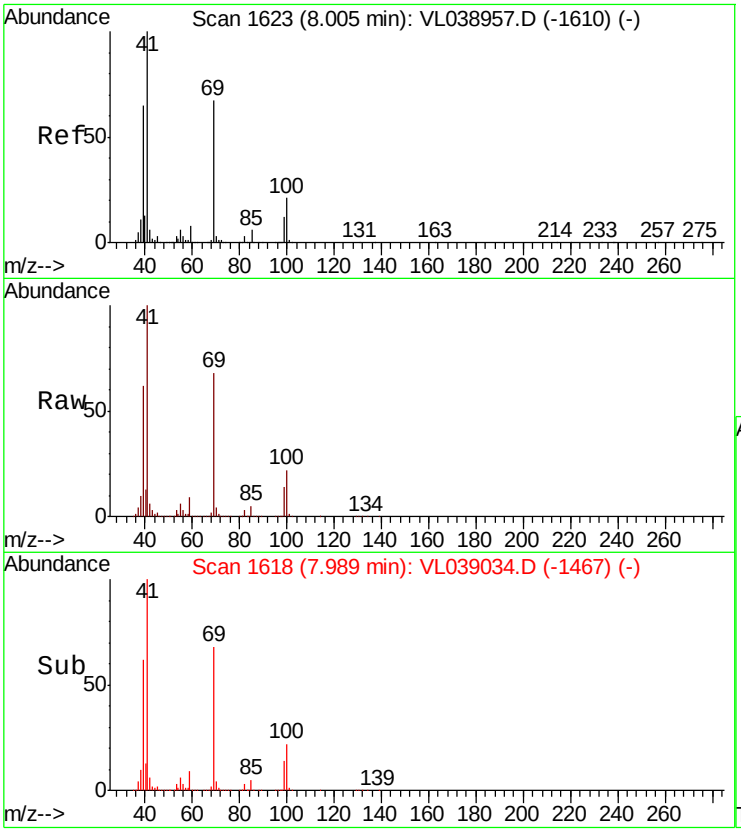


#42
Bromodichloromethane
Concen: 9.894 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 83 Resp: 1843632

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.0	78.0
127	7.4	6.0	9.0



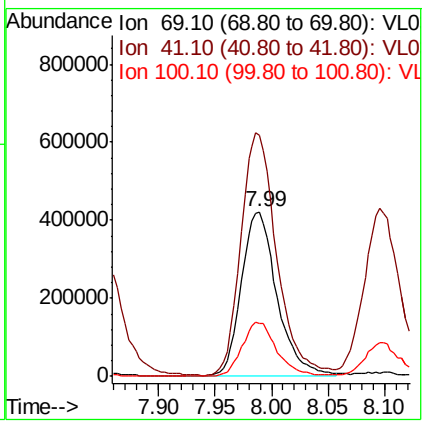


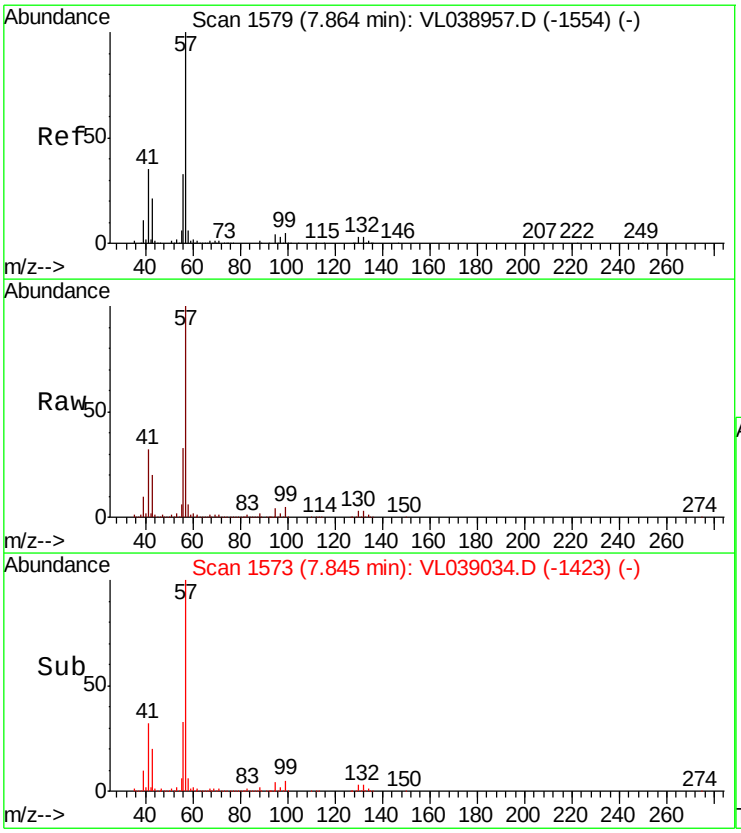
#43
Methyl Methacrylate
Concen: 10.361 ppbv
RT: 7.99
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 926587

Ion	Ratio	Lower	Upper
69	100		
41	148.7	121.9	182.9
100	32.1	24.6	36.8

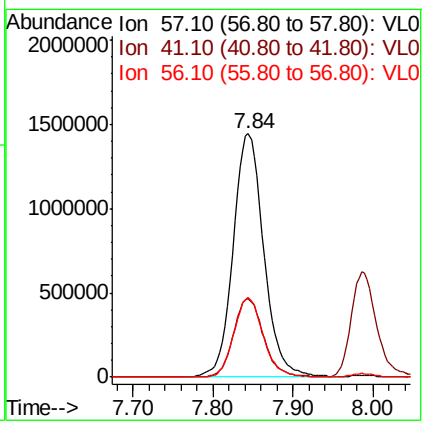


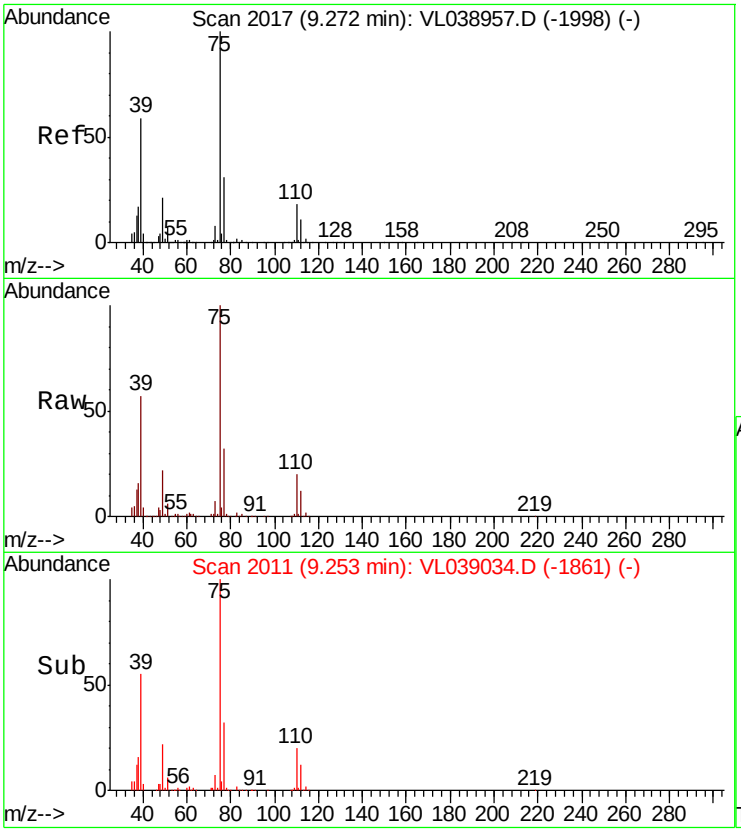


#44
2,2,4-Trimethylpentane
Concen: 9.672 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 57 Resp: 3738740

Ion	Ratio	Lower	Upper
57	100		
41	31.3	26.3	39.5
56	31.3	24.6	37.0



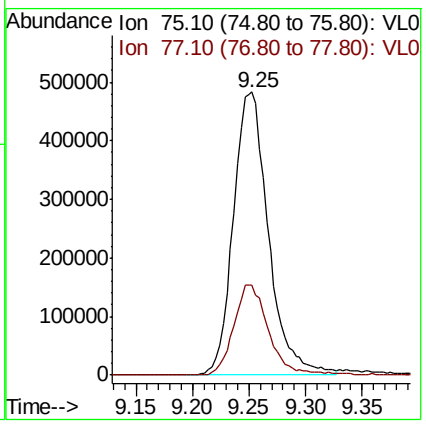


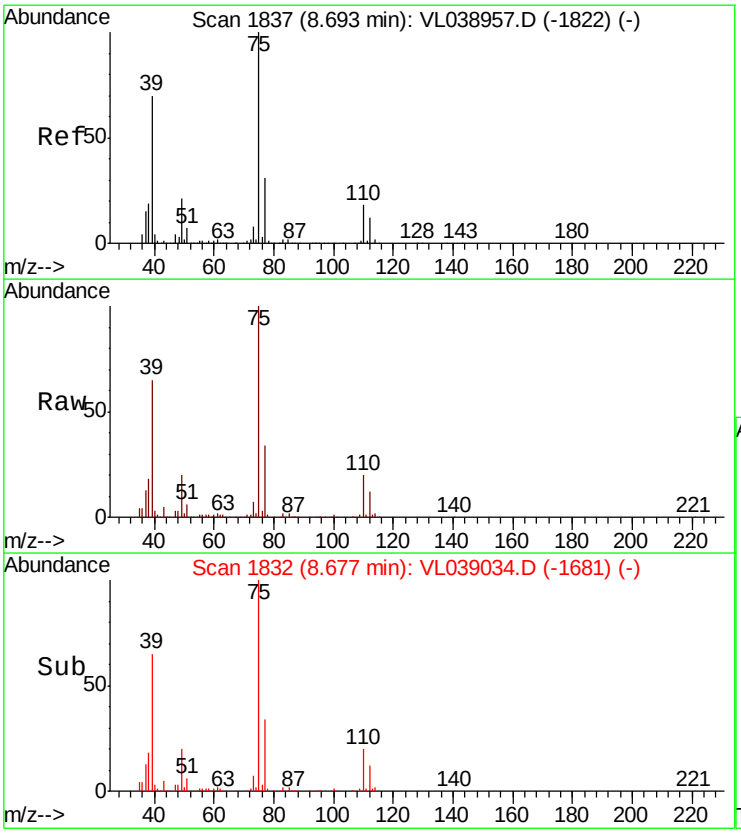
#45
t-1,3-Dichloropropene
Concen: 12.052 ppbv
RT: 9.25
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1043304

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	37.0

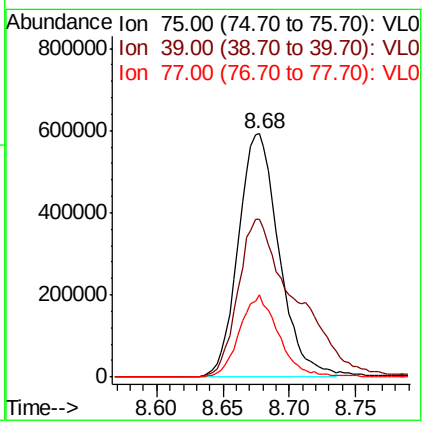


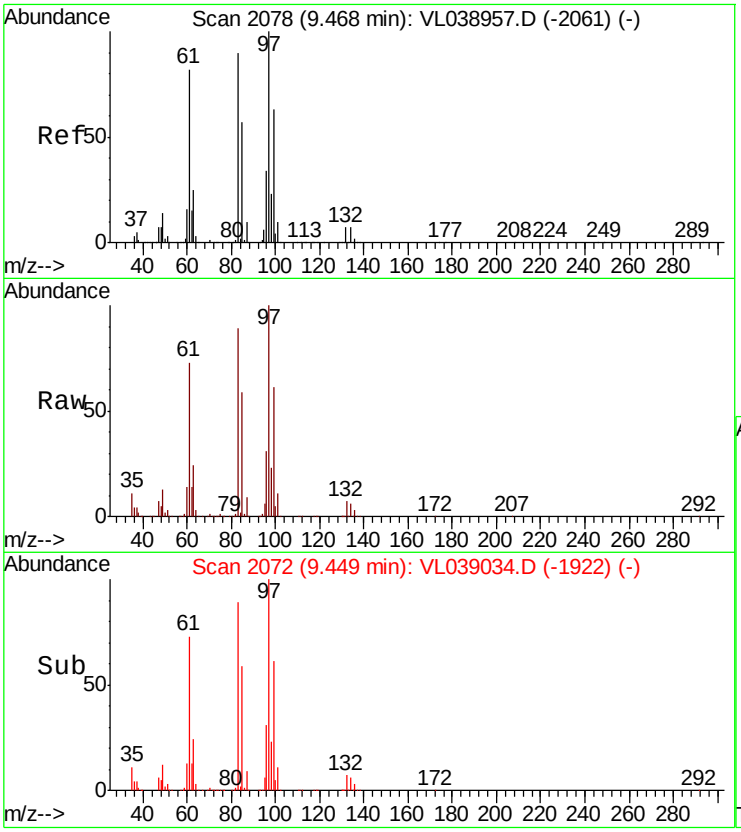


#46
cis-1,3-Dichloropropene
Concen: 11.028 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 75 Resp: 1265945

Ion	Ratio	Lower	Upper
75	100		
39	64.9	55.8	83.6
77	33.9	24.8	37.2



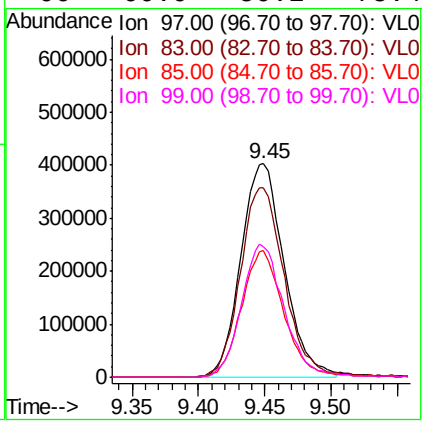


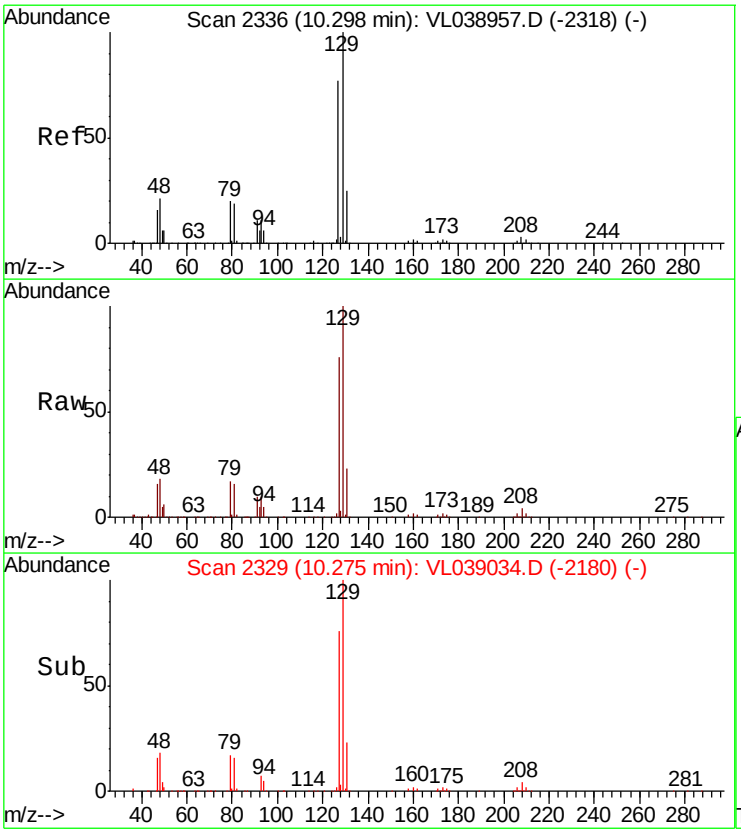
#47
1,1,2-Trichloroethane
Concen: 10.262 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 914832

Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.0	108.0
85	59.1	45.7	68.5
99	60.9	50.2	75.4

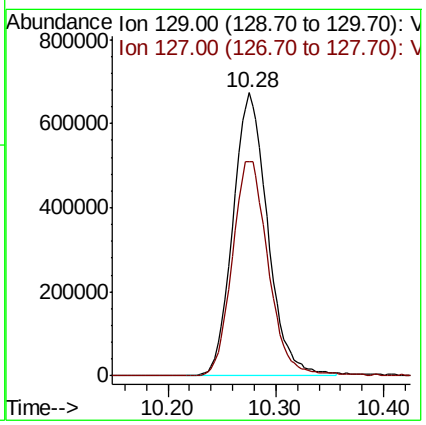


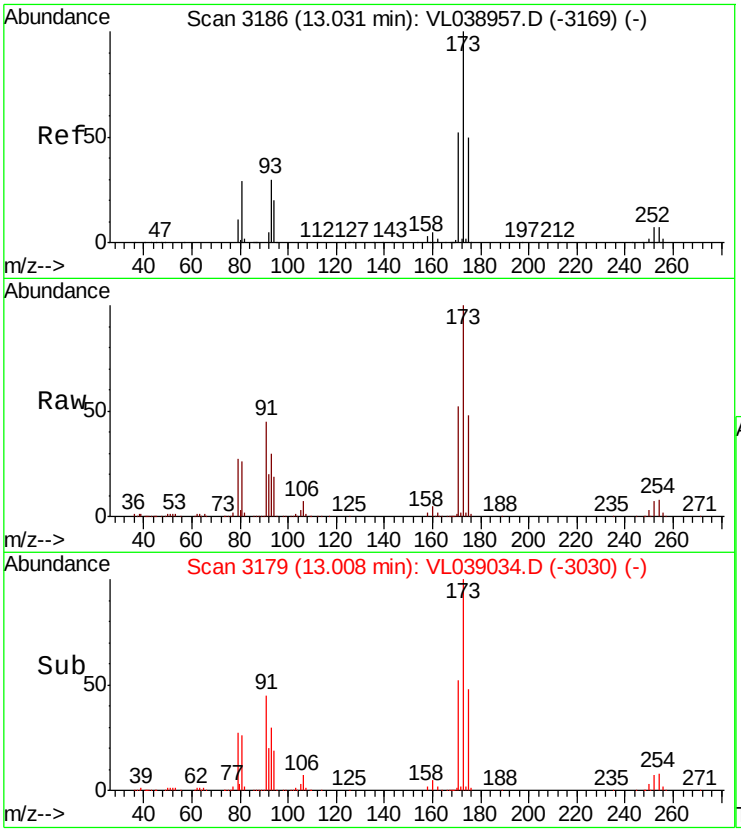


#48
Dibromochloromethane
Concen: 10.409 ppbv
RT: 10.28 min Scan# 2329
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:129 Resp: 1510317

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.3	117.9



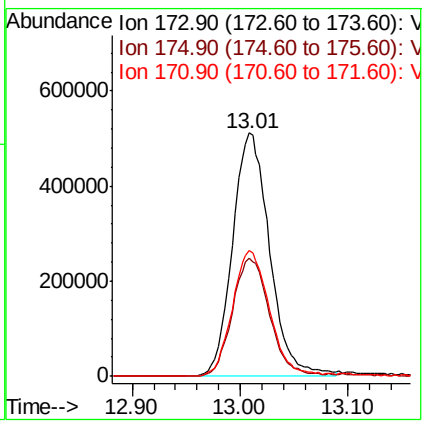


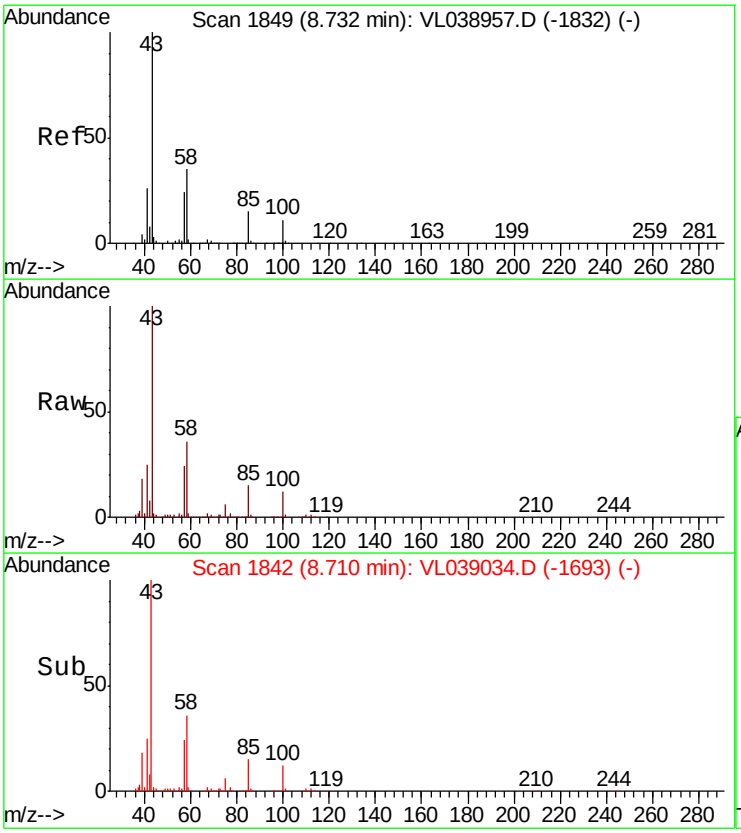
#49
Bromoform
Concen: 11.045 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1222215

Ion	Ratio	Lower	Upper
173	100		
175	50.0	41.0	61.6
171	53.1	42.6	64.0

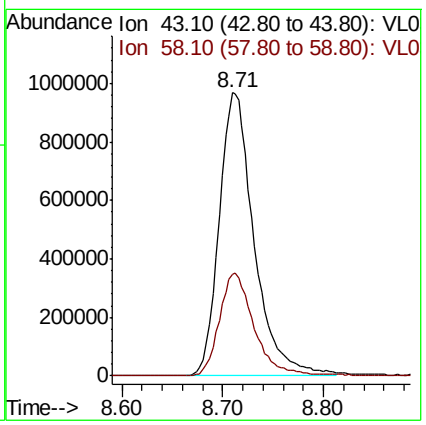


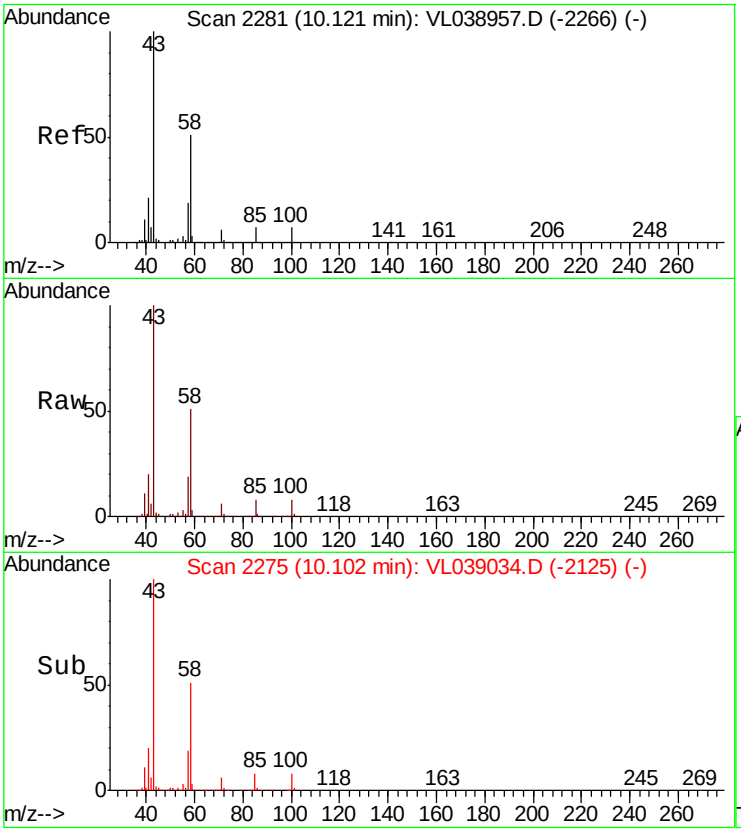


#50
4-Methyl-2-Pentanone
Concen: 10.093 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 43 Resp: 2324250

Ion	Ratio	Lower	Upper
43	100		
58	36.7	28.4	42.6



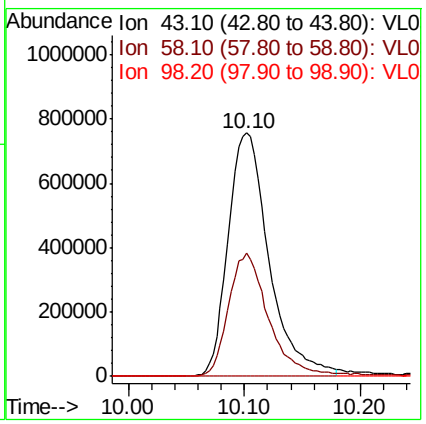


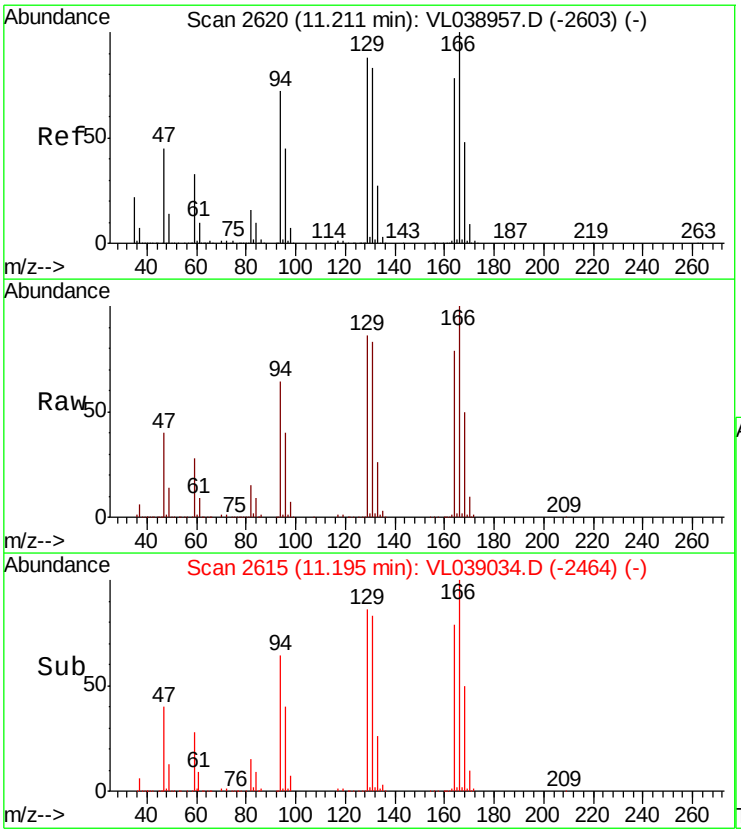
#51
2-Hexanone
Concen: 11.007 ppbv
RT: 10.10
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1849909

Ion	Ratio	Lower	Upper
43	100		
58	50.4	39.3	58.9
98	0.2	0.2	0.2

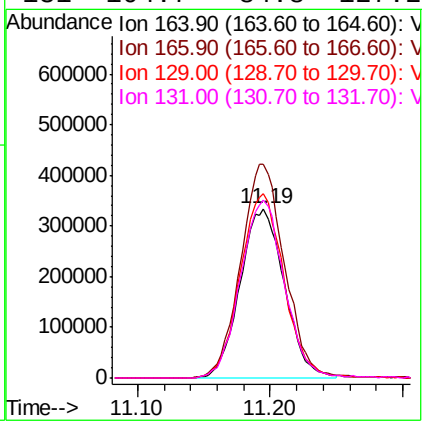


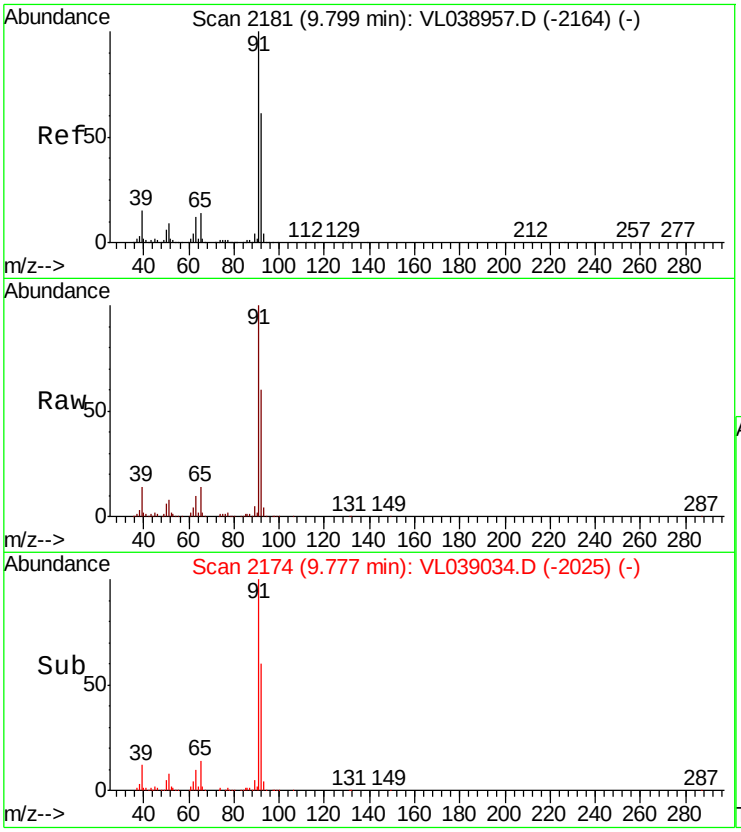


#52
Tetrachloroethene
Concen: 9.830 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:164 Resp: 773795

Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.5	153.7
129	108.8	90.1	135.1
131	104.7	84.8	127.2



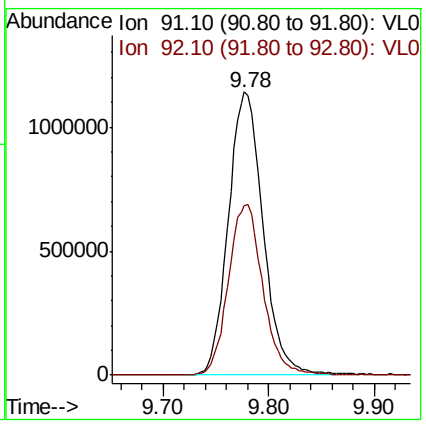


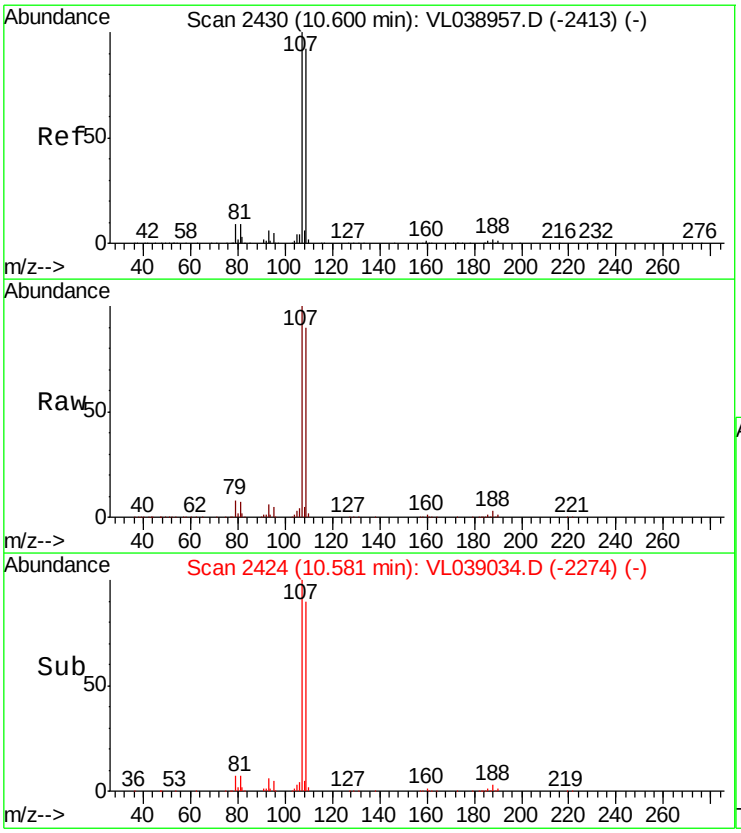
#53
Toluene
Concen: 10.537 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2601516

Ion	Ratio	Lower	Upper
91	100		
92	60.2	48.2	72.2

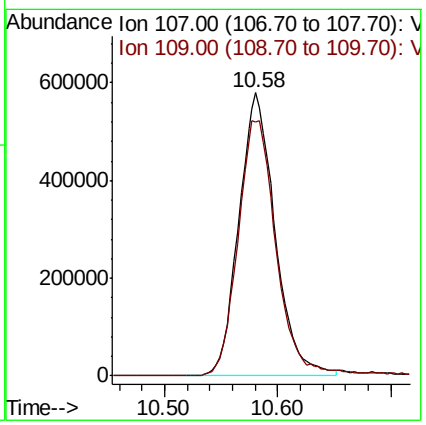


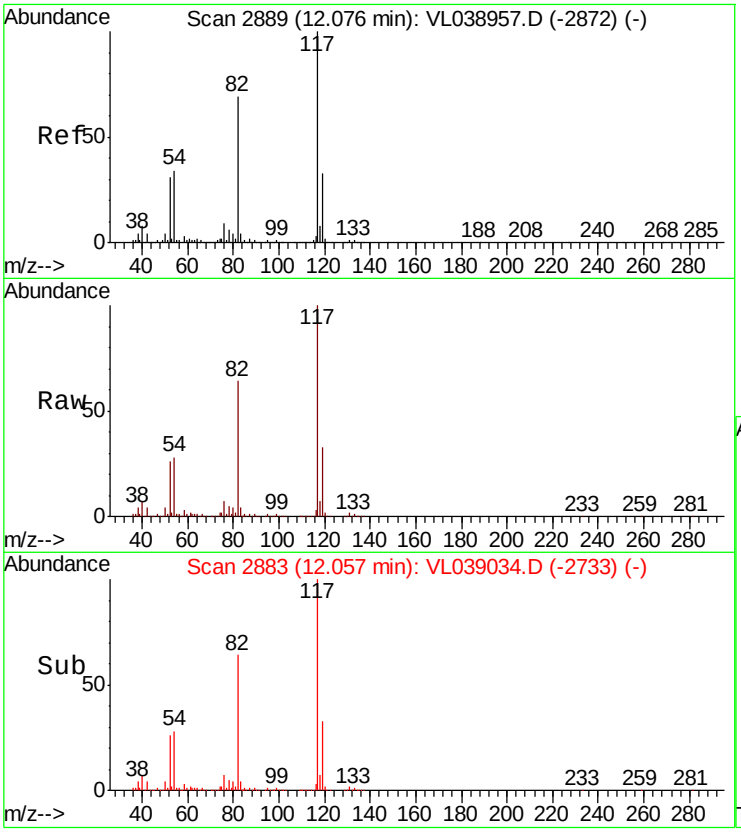


#54
1,2-Dibromoethane
Concen: 10.622 ppbv
RT: 10.58 min Scan# 2424
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:107 Resp: 1289065

Ion	Ratio	Lower	Upper
107	100		
109	89.9	73.8	110.8



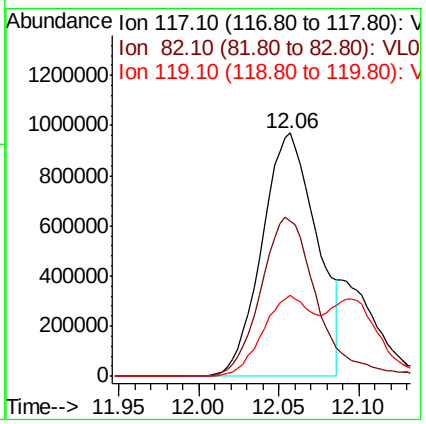


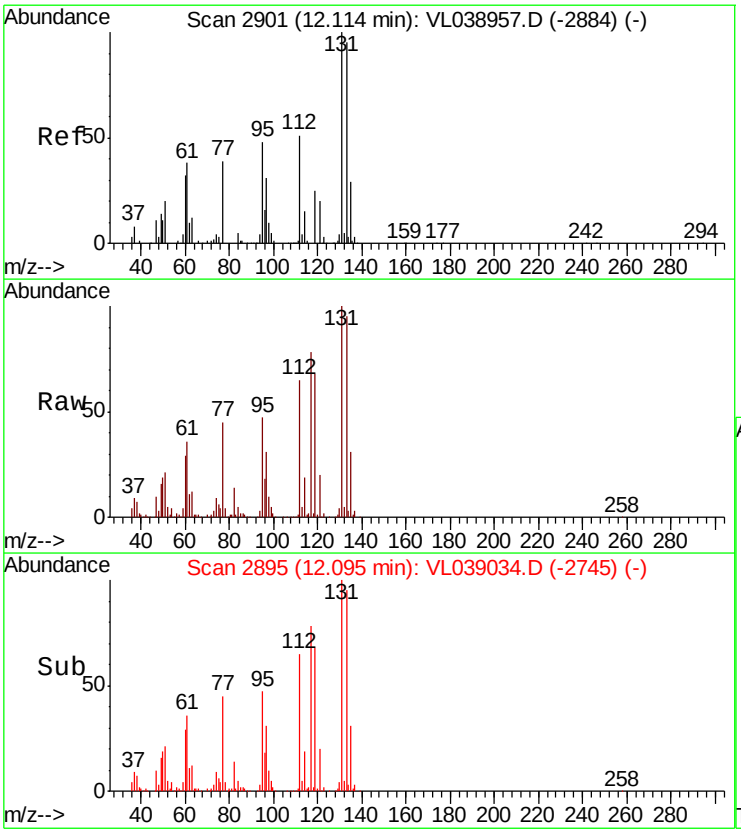
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2302778

Ion	Ratio	Lower	Upper
117	100		
82	68.4	57.0	85.6
119	33.2	27.2	40.8

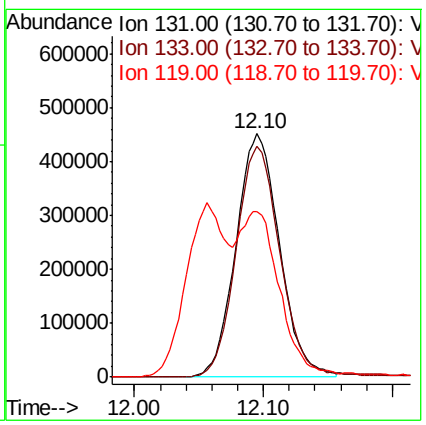


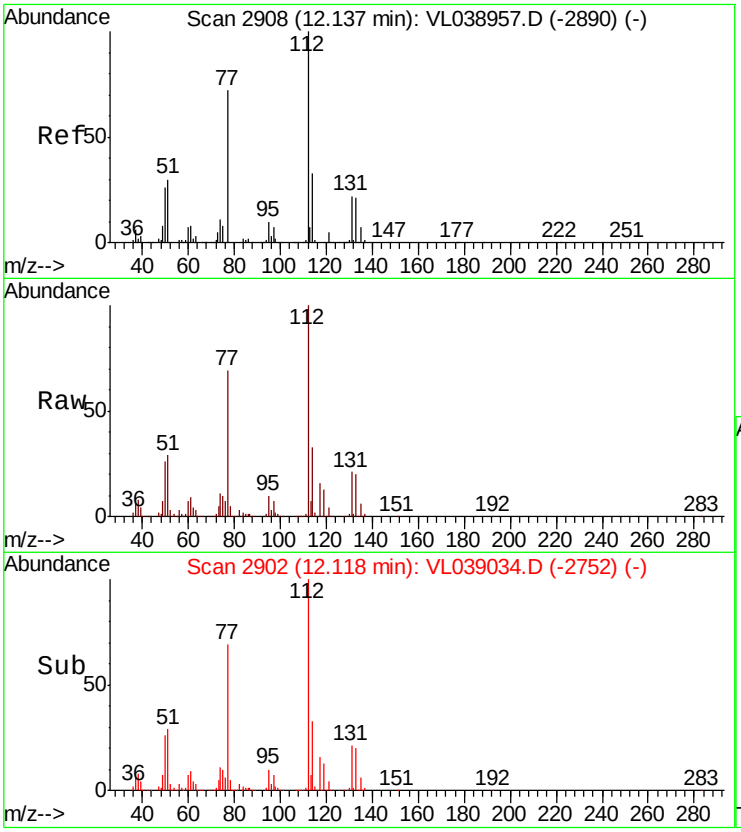


#56
1,1,1,2-Tetrachloroethane
Concen: 10.495 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:131 Resp: 1060416

Ion	Ratio	Lower	Upper
131	100		
133	96.6	76.9	115.3
119	60.6	47.4	71.0



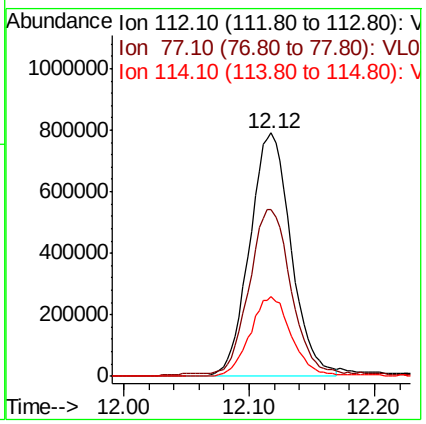


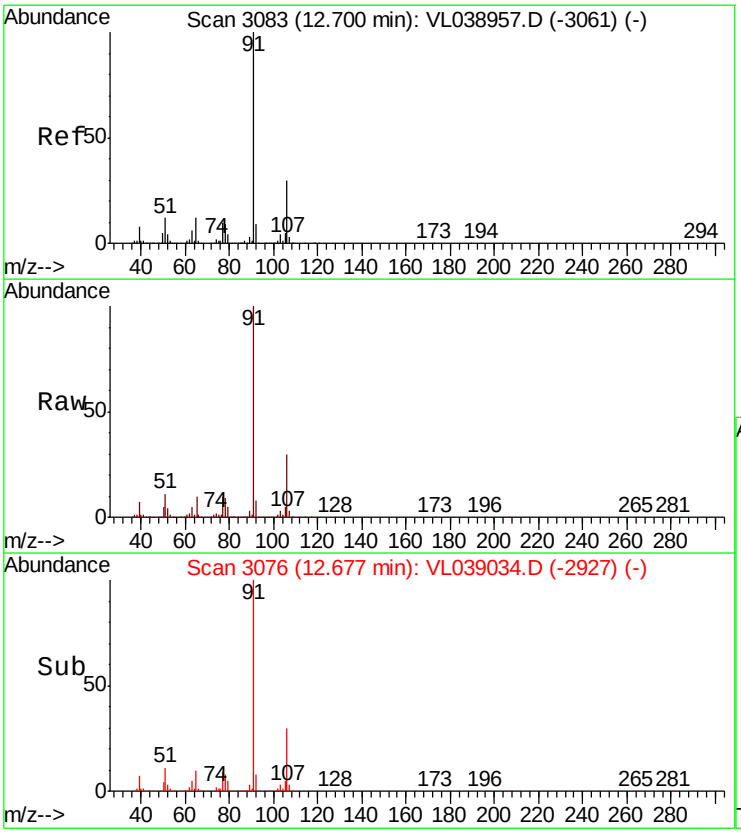
#57
Chlorobenzene
Concen: 10.521 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1816037

Ion	Ratio	Lower	Upper
112	100		
77	67.7	57.7	86.5
114	32.8	30.1	36.7

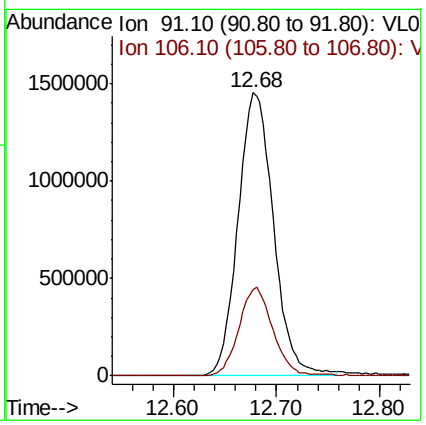


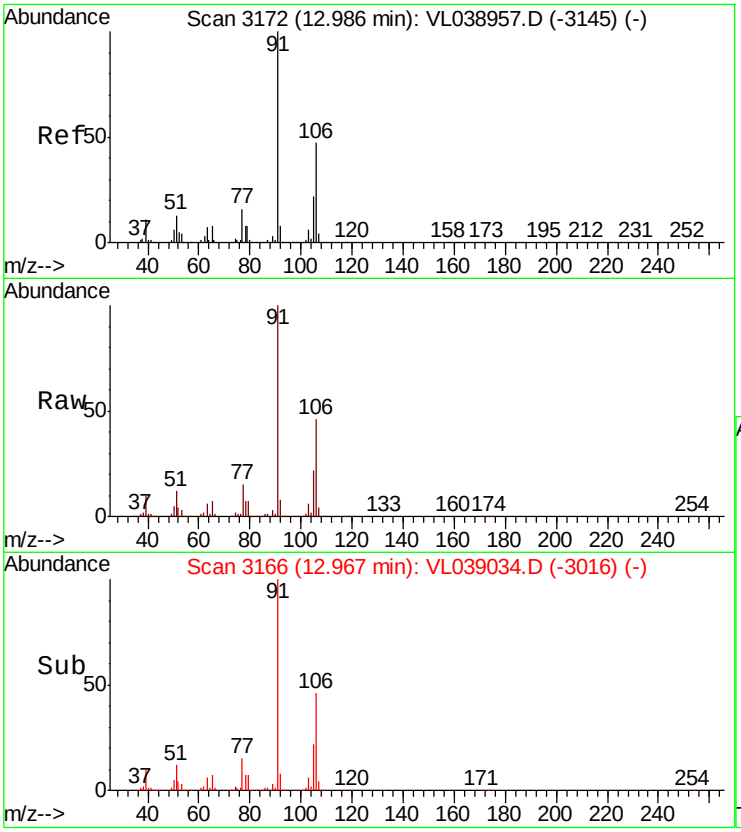


#58
Ethyl Benzene
Concen: 10.485 ppbv
RT: 12.68 min Scan# 3076
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 91 Resp: 3474756

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4



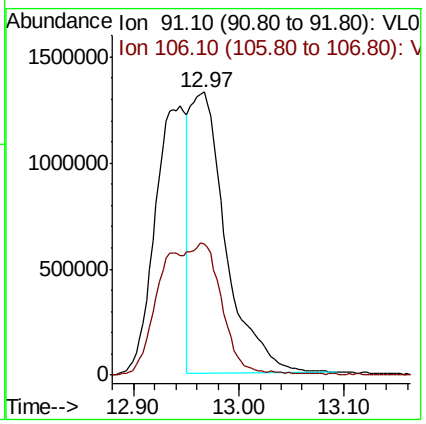


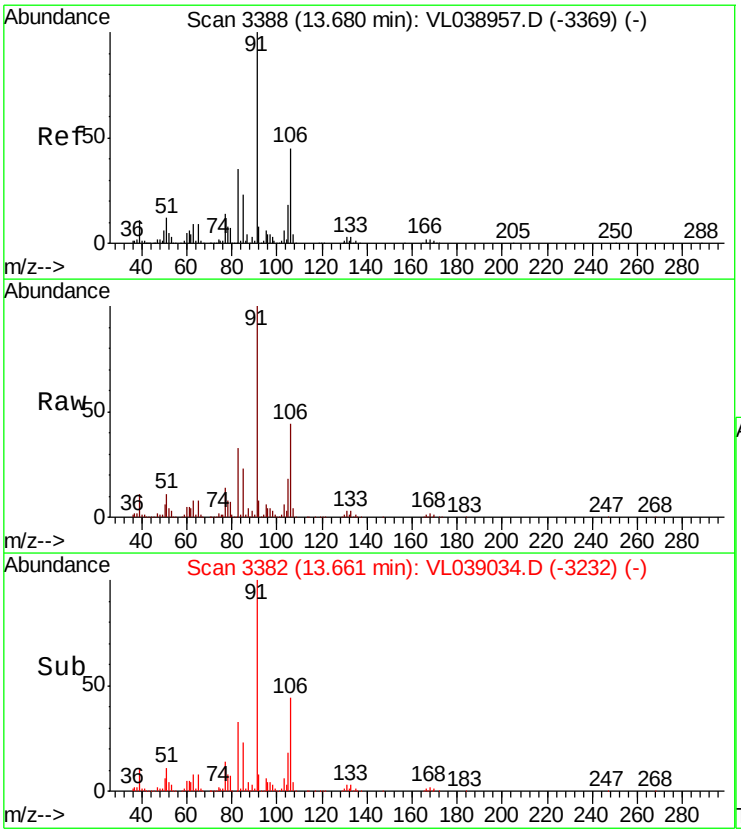
#59
m/p-Xylene
Concen: 11.009 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3114597

Ion	Ratio	Lower	Upper
91	100		
106	81.9	34.6	52.0#

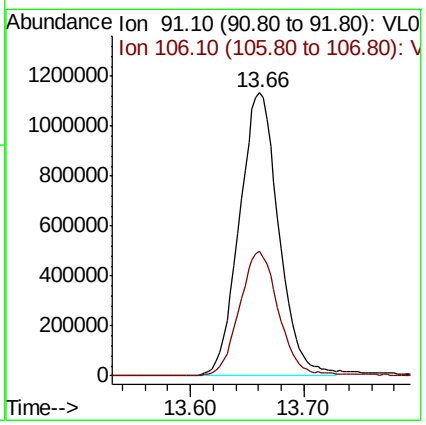


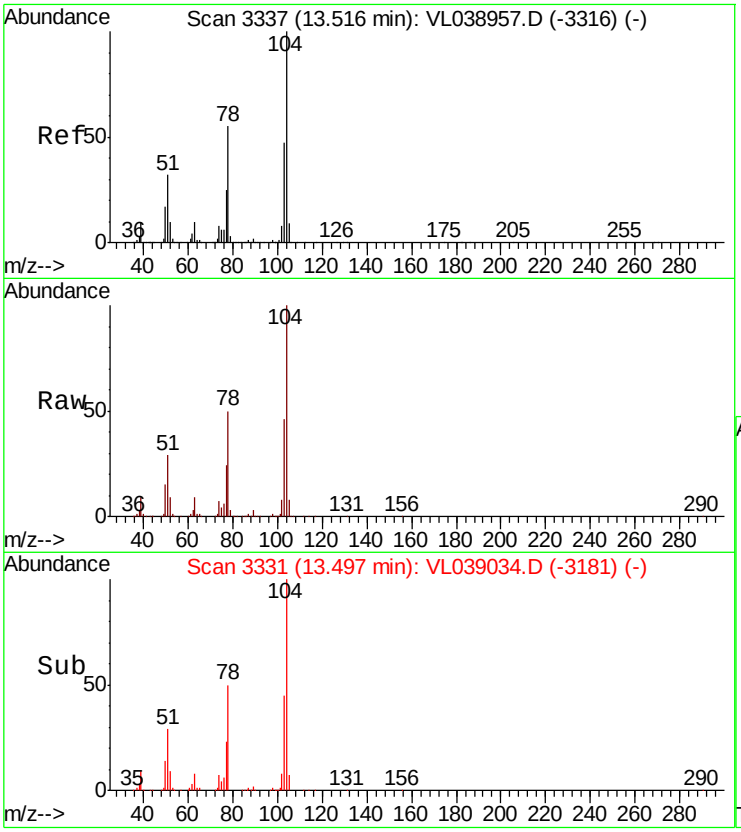


#60
o-Xylene
Concen: 10.286 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 91 Resp: 2739040

Ion	Ratio	Lower	Upper
91	100		
106	44.4	22.2	66.6



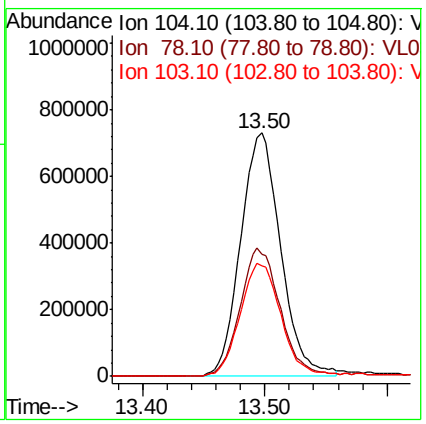


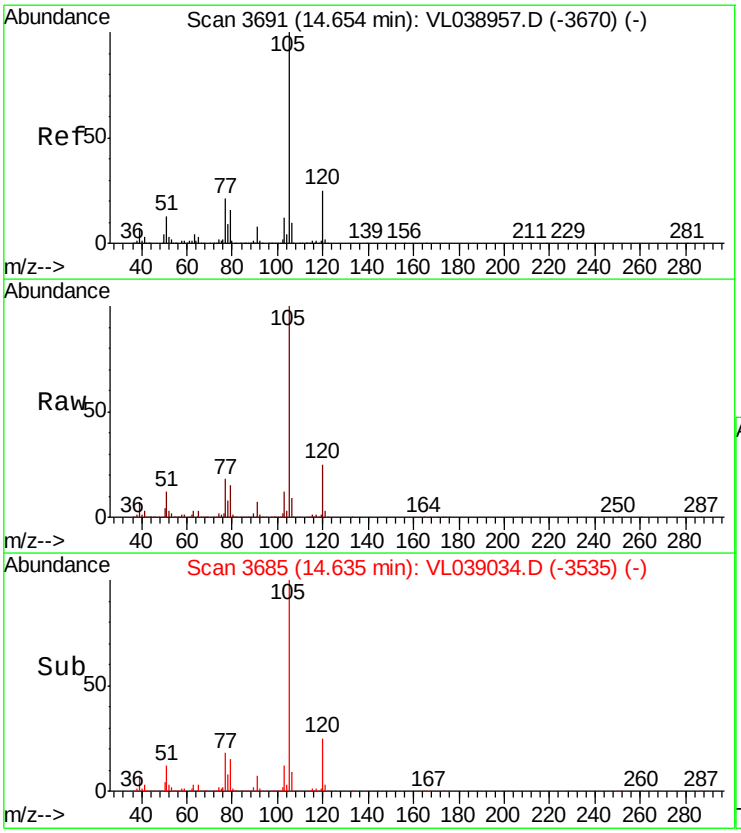
#61
Stvrene
Concen: 11.653 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1656475

Ion	Ratio	Lower	Upper
104	100		
78	53.6	46.4	69.6
103	48.3	39.3	58.9

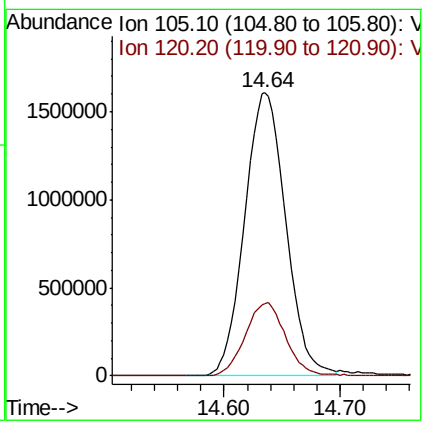


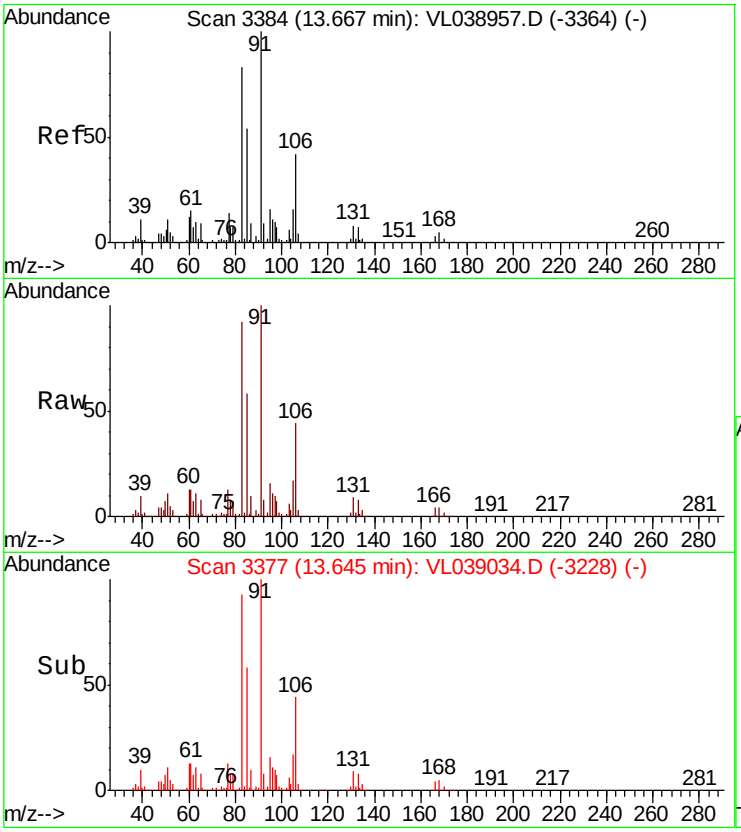


#62
Isopropylbenzene
Concen: 10.201 ppbv
RT: 14.64 min Scan# 3685
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:105 Resp: 3972304

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7



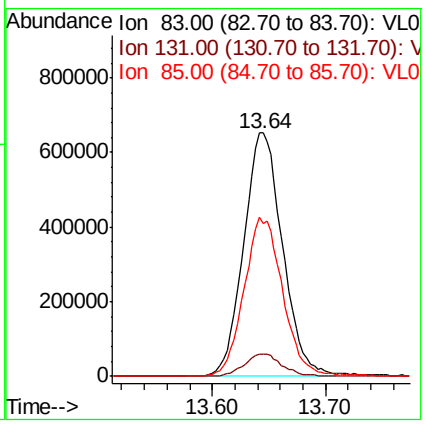


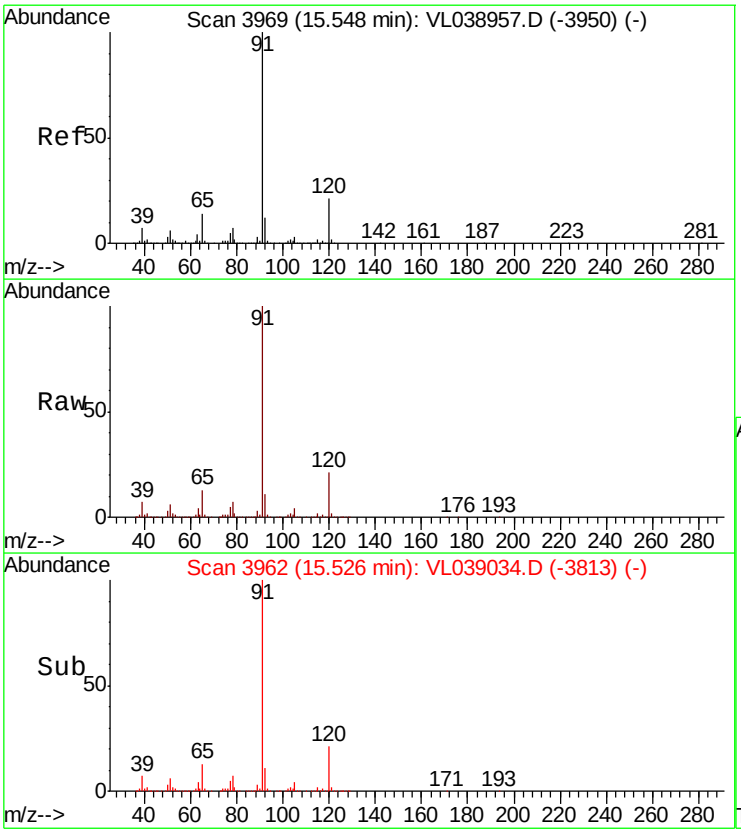
#63
1,1,2,2-Tetrachloroethane
Concen: 9.946 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1559482

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.7
85	65.4	32.8	98.3

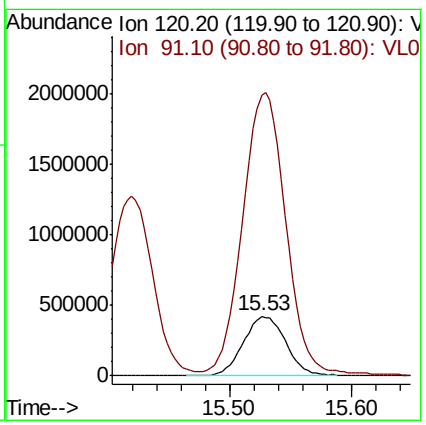


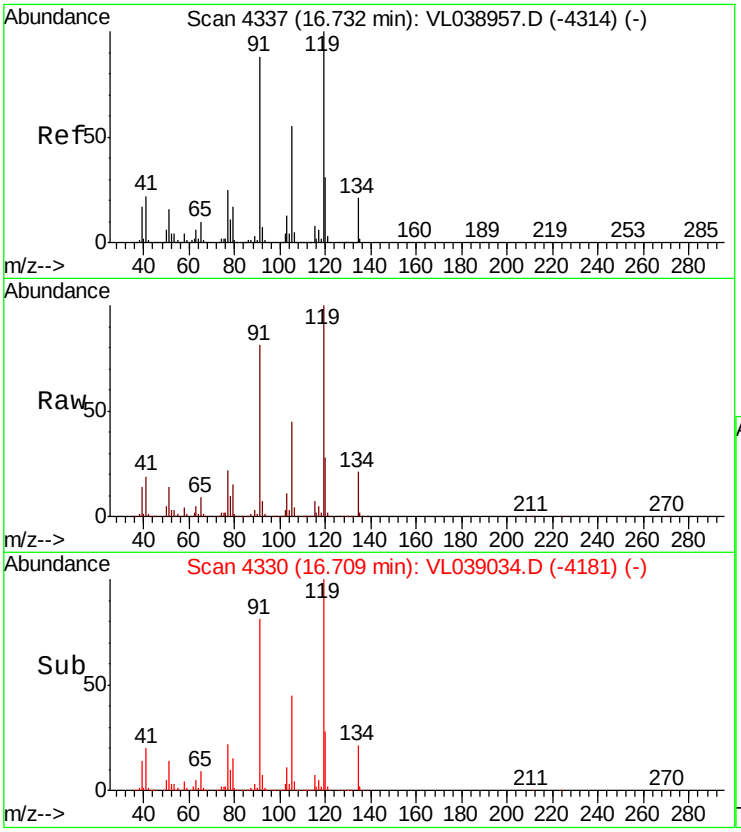


#64
n-propylbenzene
Concen: 10.829 ppbv
RT: 15.53 min Scan# 3962
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:120 Resp: 1019504

Ion	Ratio	Lower	Upper
120	100		
91	485.6	400.6	601.0



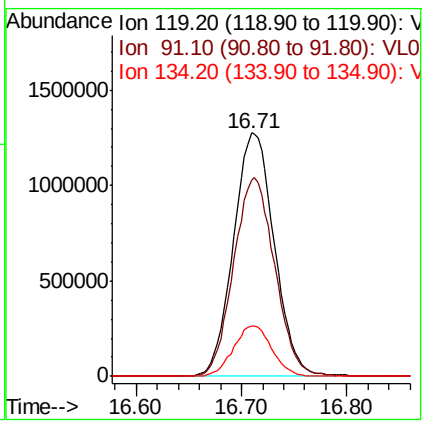


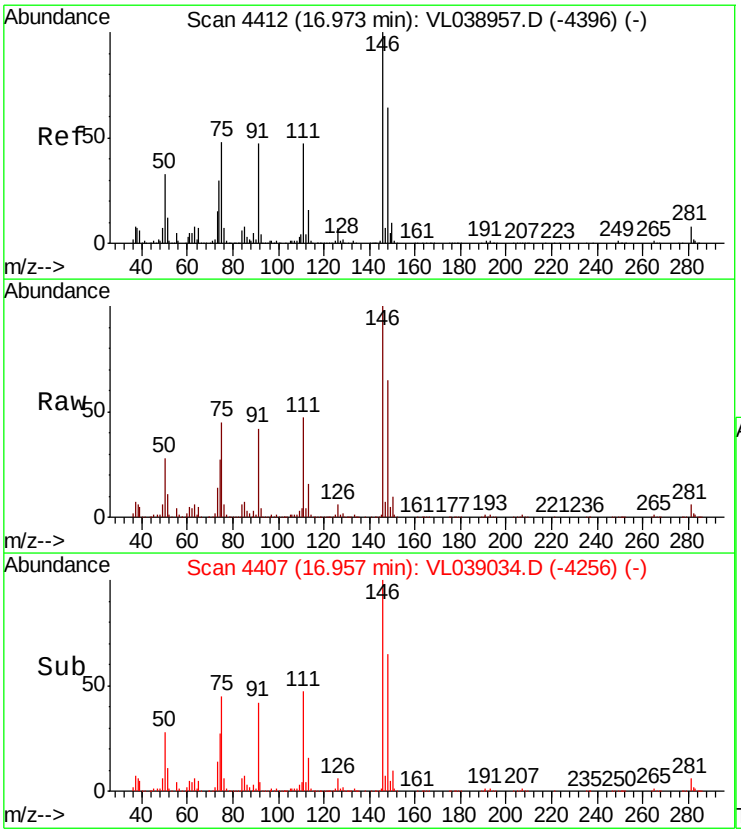
#65
tert-Butylbenzene
Concen: 10.046 ppbv
RT: 16.71
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3427436

Ion	Ratio	Lower	Upper
119	100		
91	82.5	69.4	104.2
134	19.7	15.8	23.8

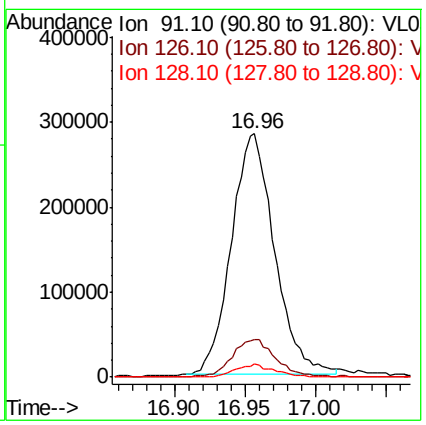


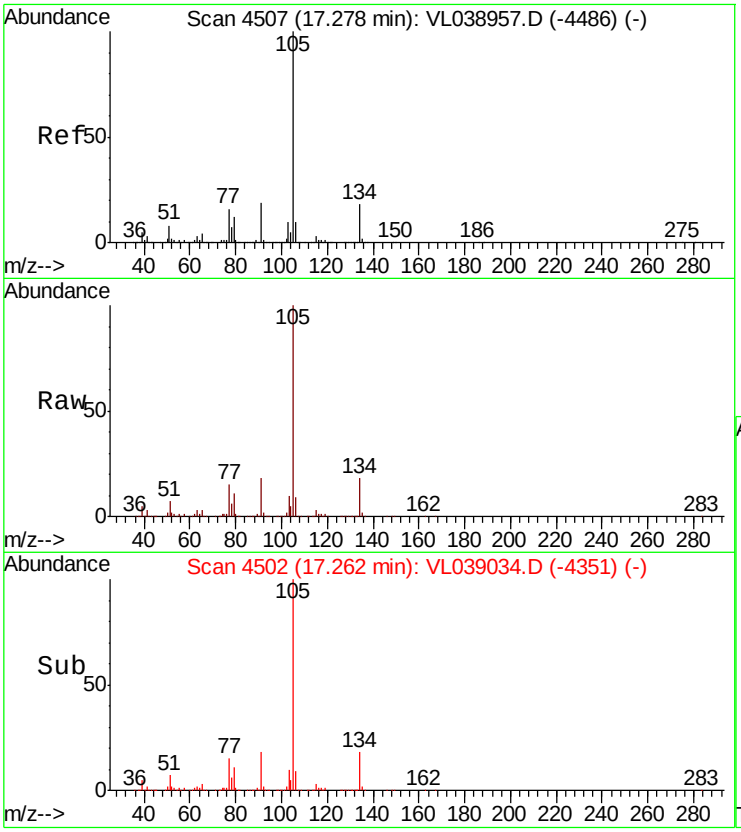


#66
Benzyl Chloride
Concen: 13.648 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 91 Resp: 608671

Ion	Ratio	Lower	Upper
91	100		
126	16.1	11.8	17.6
128	5.1	4.2	6.2



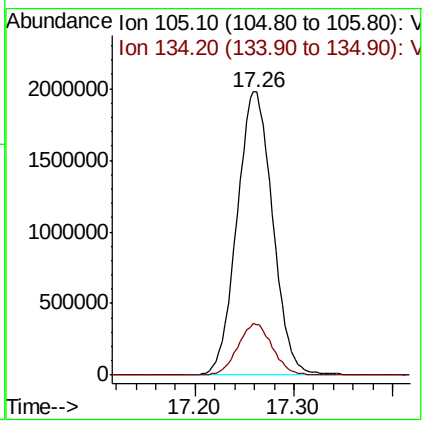


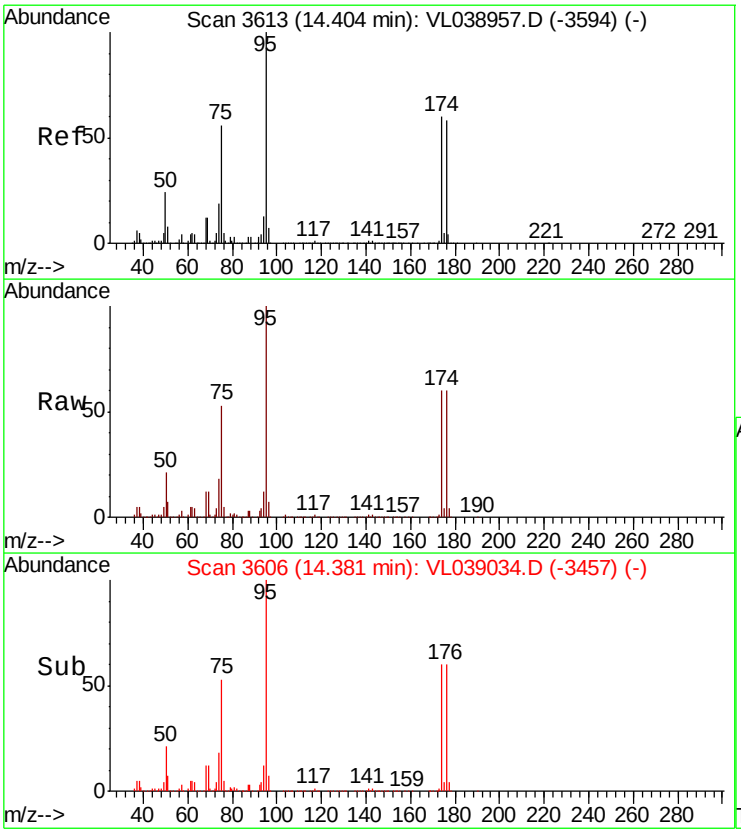
#67
sec-Butylbenzene
Concen: 10.163 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4953859

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.2	21.4

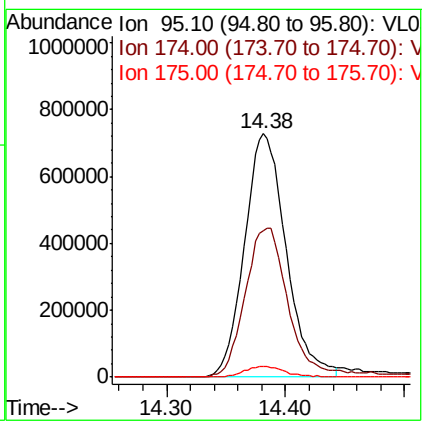


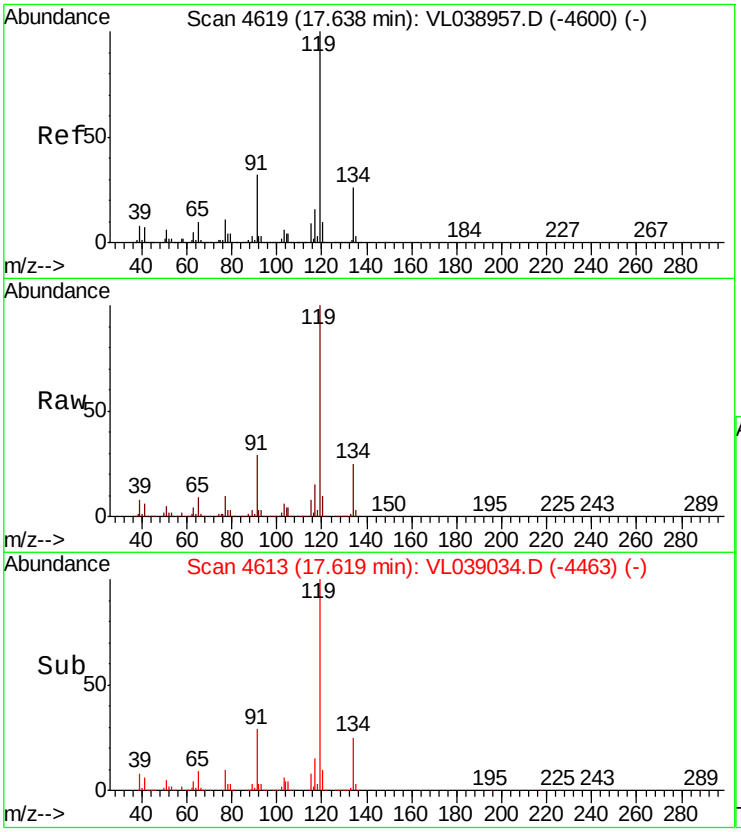


#68
1-Bromo-4-Fluorobenzene
Concen: 9.652 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 95 Resp: 1760273

Ion	Ratio	Lower	Upper
95	100		
174	65.4	50.8	76.2
175	4.6	3.8	5.6



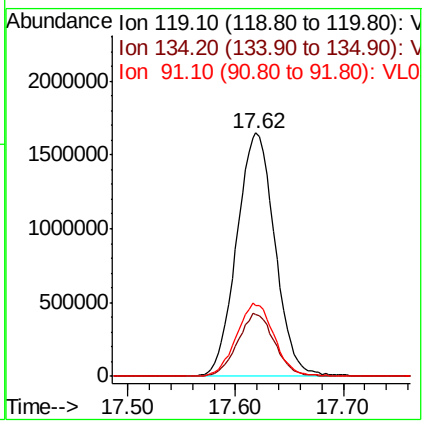


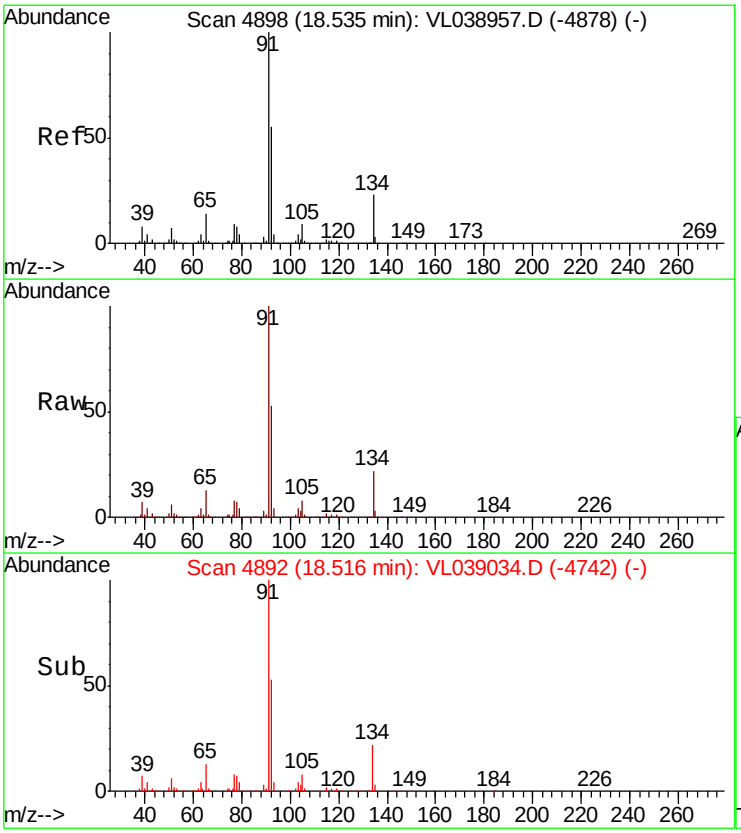
#69
p-Isopropyltoluene
Concen: 10.296 ppbv
RT: 17.62
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4054657

Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.0	30.0
91	29.8	24.8	37.2

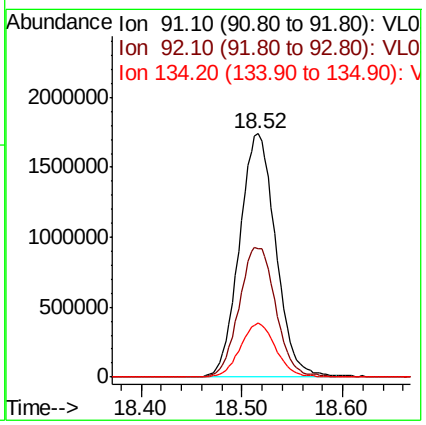


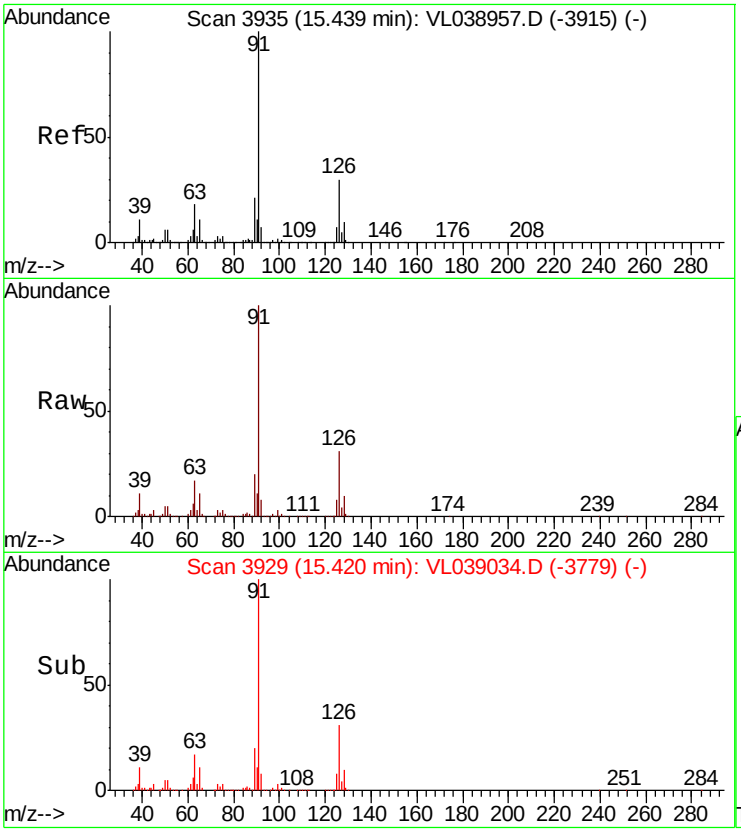


#70
n-Butylbenzene
Concen: 10.345 ppbv
RT: 18.52 min Scan# 4892
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion: 91 Resp: 4328013

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.1	64.7
134	21.7	17.0	25.4



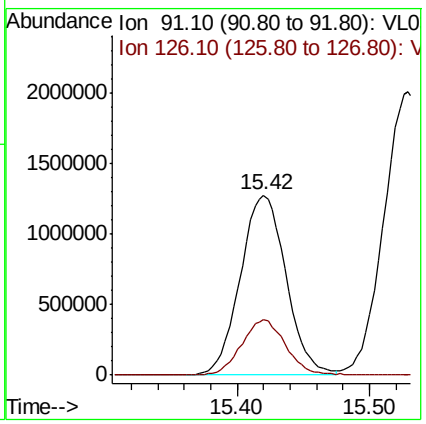


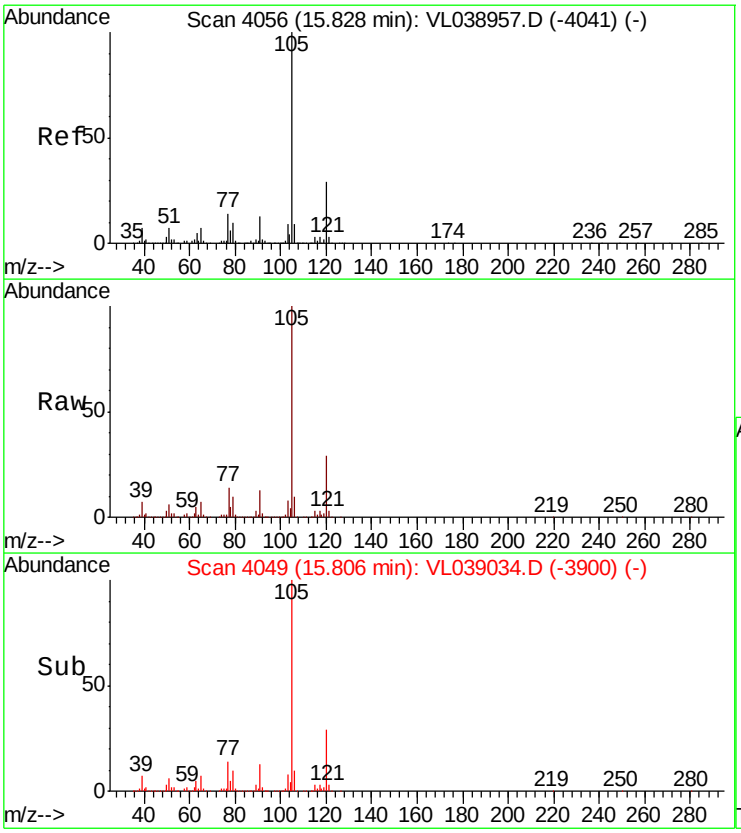
#71
2-Chlorotoluene
Concen: 10.223 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3068743

Ion	Ratio	Lower	Upper
91	100		
126	30.3	11.9	47.5

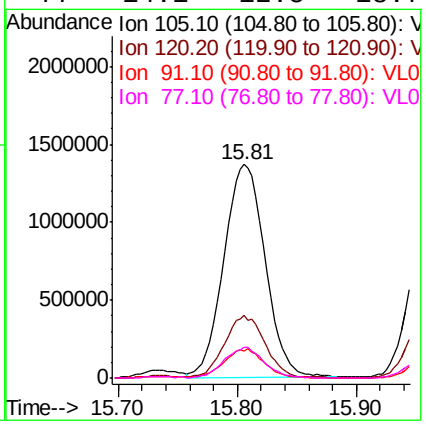


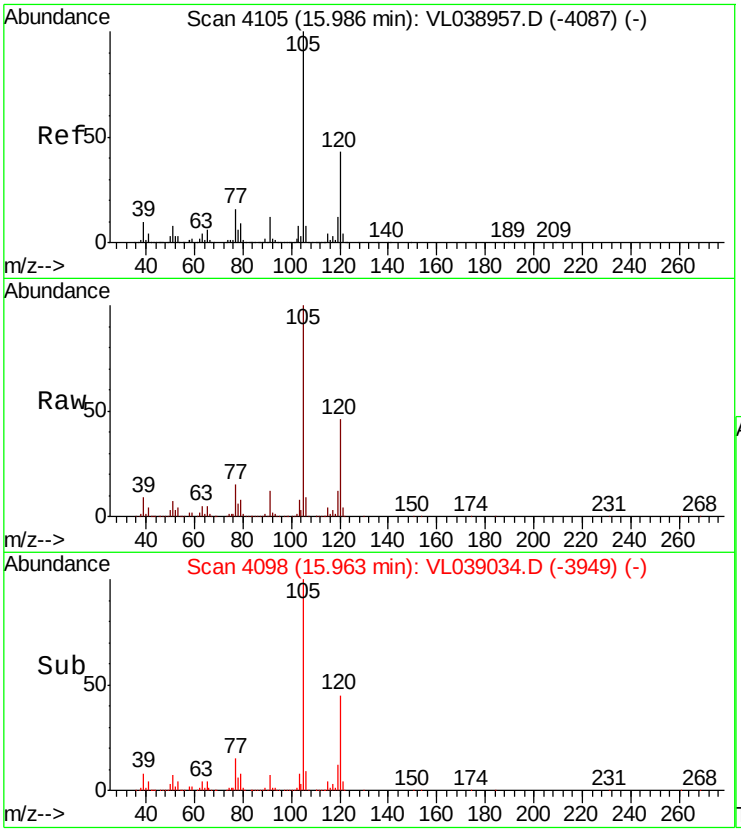


#72
4-Ethyltoluene
Concen: 10.763 ppbv
RT: 15.81 min Scan# 4049
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:105 Resp: 3265882

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.4	35.0
91	13.2	10.6	16.0
77	14.1	12.5	18.7



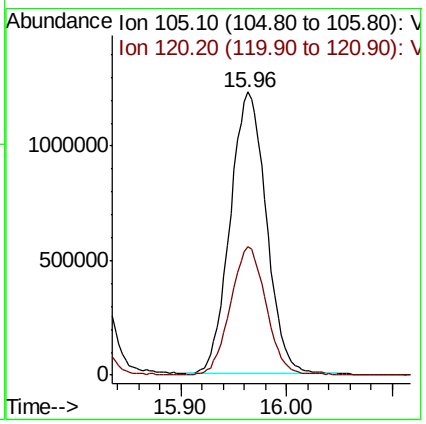


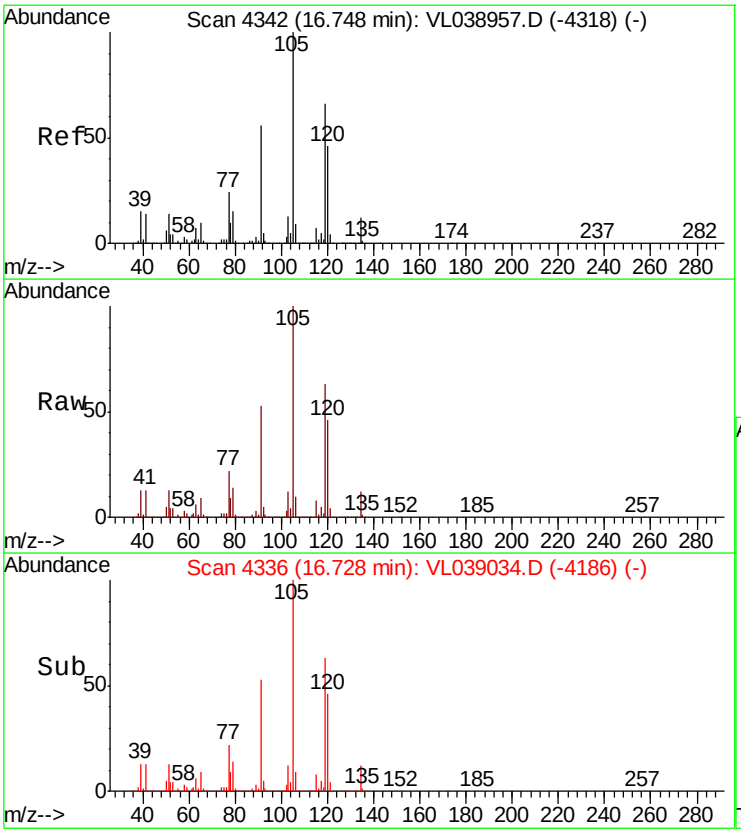
#73
1,3,5-Trimethylbenzene
Concen: 10.697 ppbv
RT: 15.96
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2922134

Ion	Ratio	Lower	Upper
105	100		
120	45.6	34.4	51.6

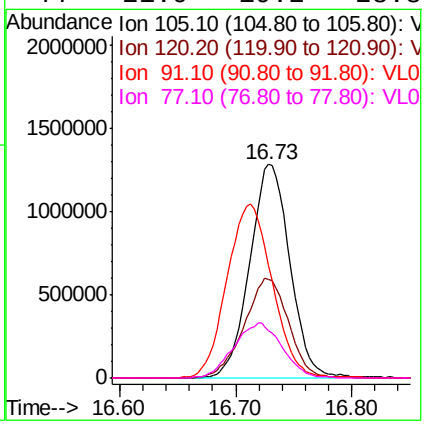


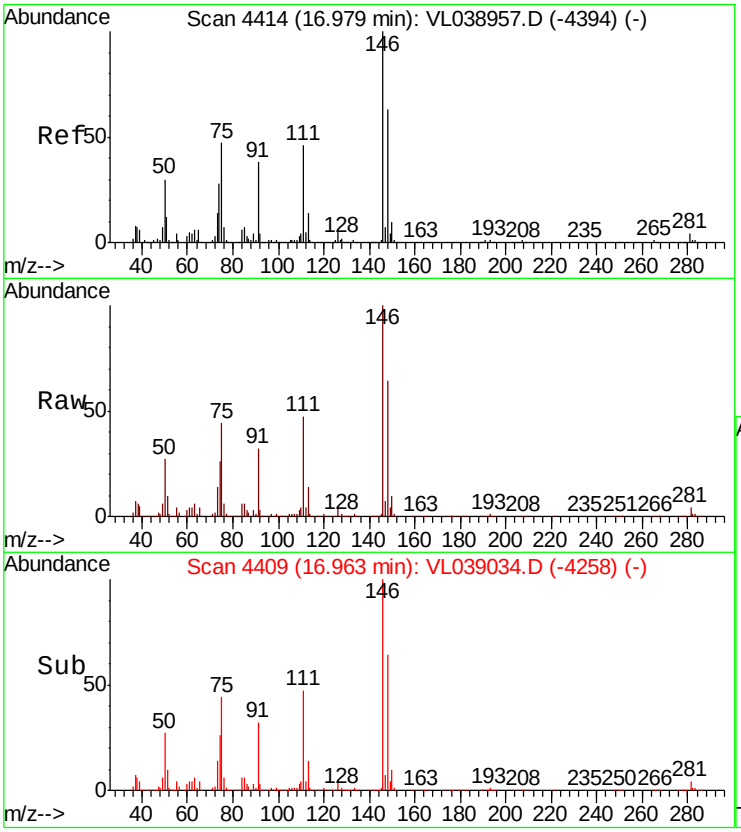


#74
1,2,4-Trimethylbenzene
Concen: 10.272 ppbv
RT: 16.73 min Scan# 4336
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:105 Resp: 3072361

Ion	Ratio	Lower	Upper
105	100		
120	46.2	36.9	55.3
91	52.3	45.0	67.4
77	21.9	19.2	28.8



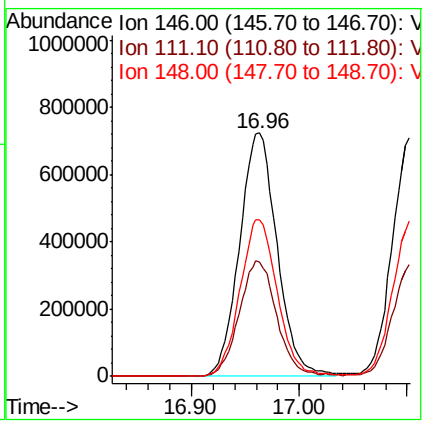


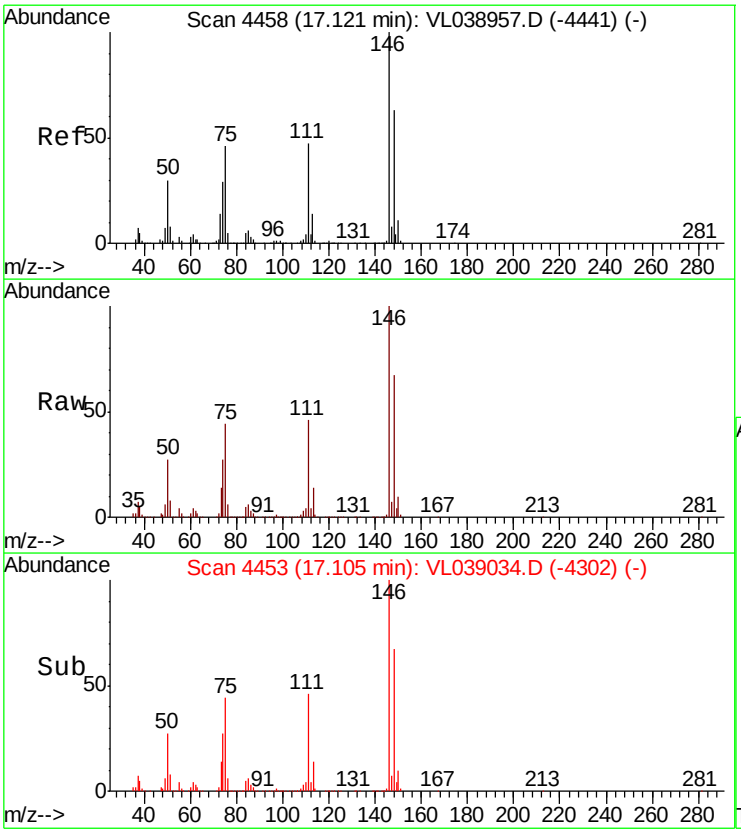
#75
1,3-Dichlorobenzene
Concen: 10.681 ppbv
RT: 16.96
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1750290

Ion	Ratio	Lower	Upper
146	100		
111	47.3	24.1	72.2
148	64.1	32.4	97.2

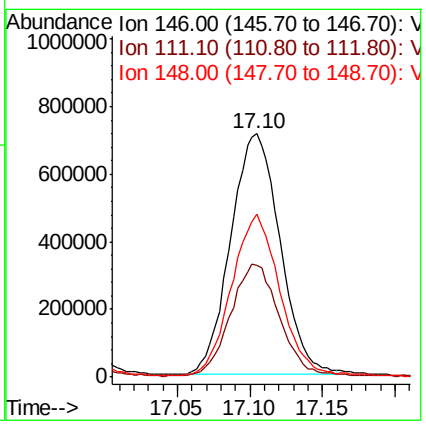


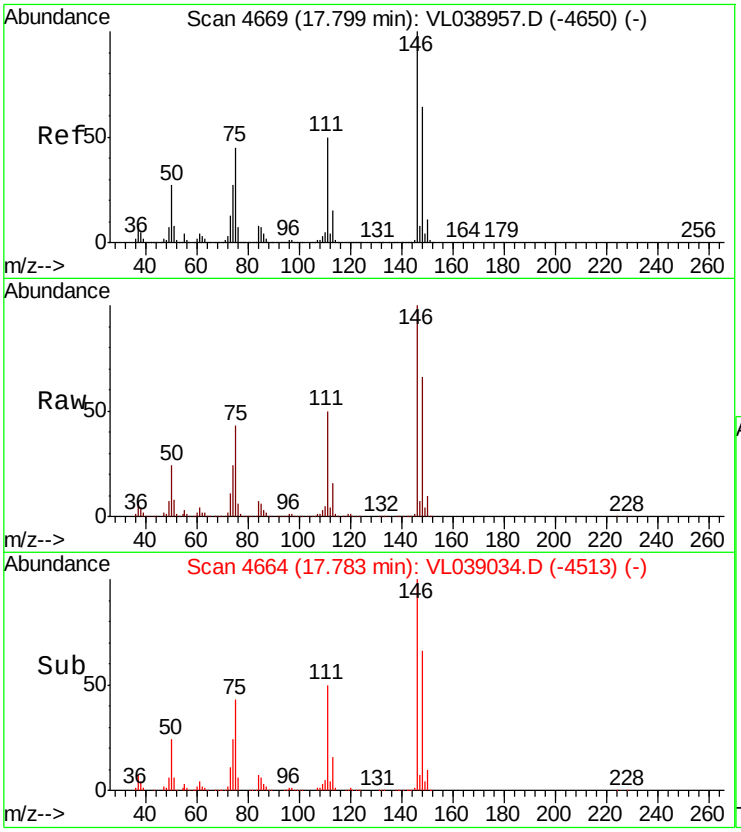


#76
1,4-Dichlorobenzene
Concen: 10.419 ppbv
RT: 17.10 min Scan# 4453
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:146 Resp: 1679684

Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.6	71.0
148	67.6	32.2	96.6



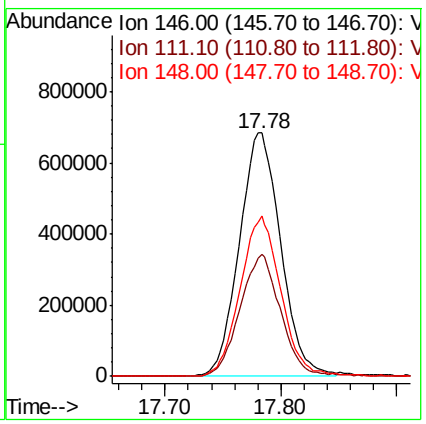


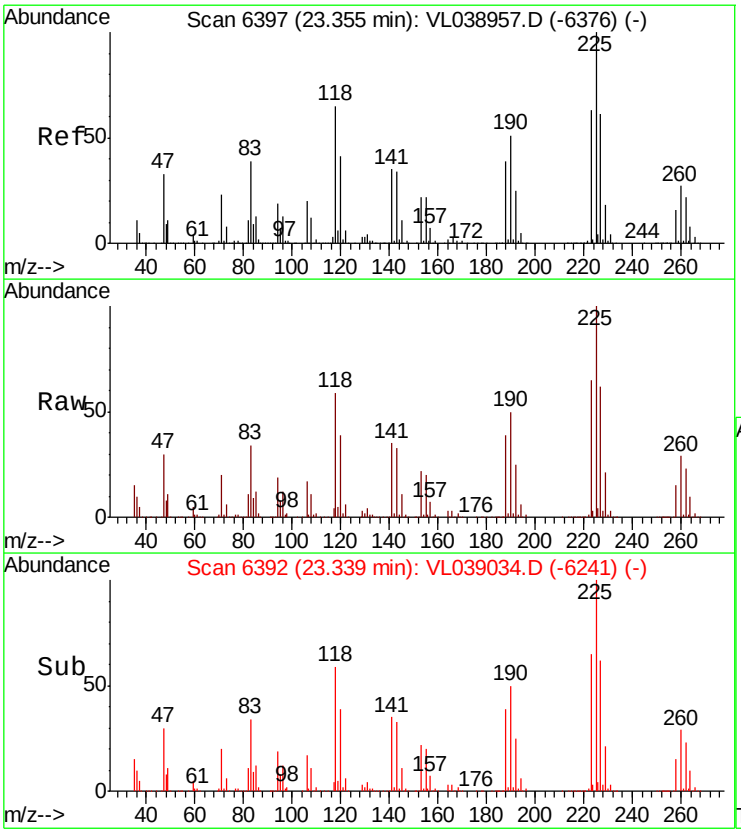
#77
1,2-Dichlorobenzene
Concen: 10.416 ppbv
RT: 17.78
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1688233

Ion	Ratio	Lower	Upper
146	100		
111	49.4	25.3	75.9
148	64.9	32.3	96.9

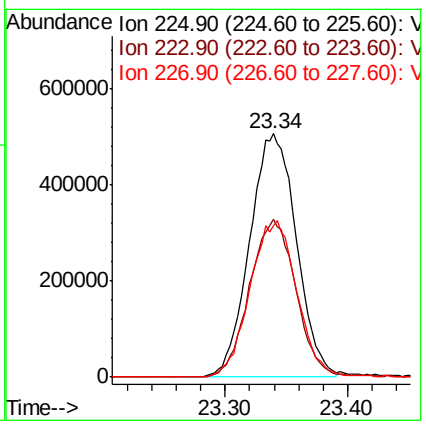


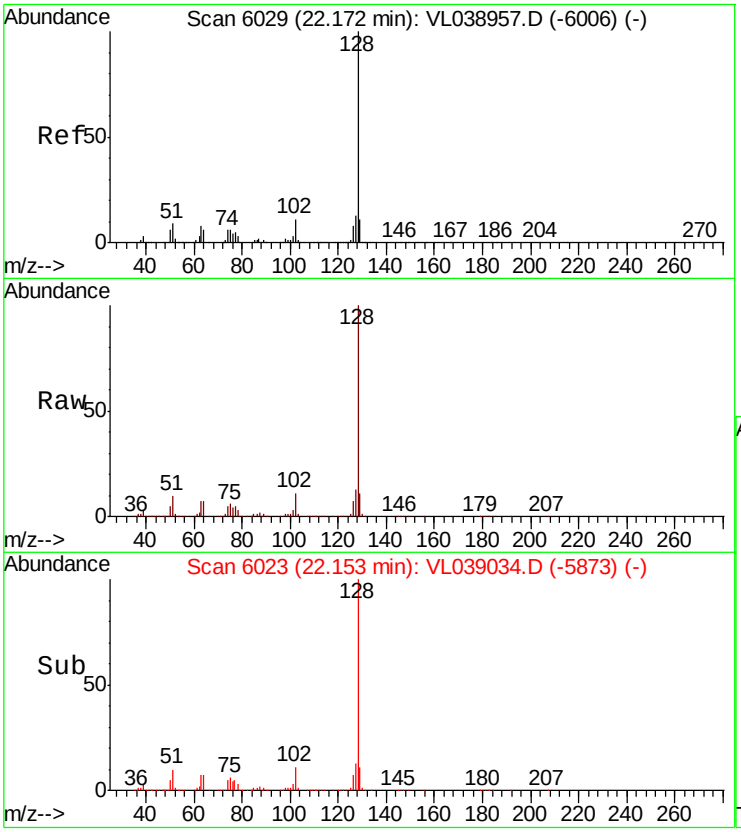


#78
Hexachloro-1,3-Butadiene
Concen: 9.036 ppbv
RT: 23.34 min Scan# 6392
Delta R.T. -0.02 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:225 Resp: 1345997

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	64.9	51.4	77.0



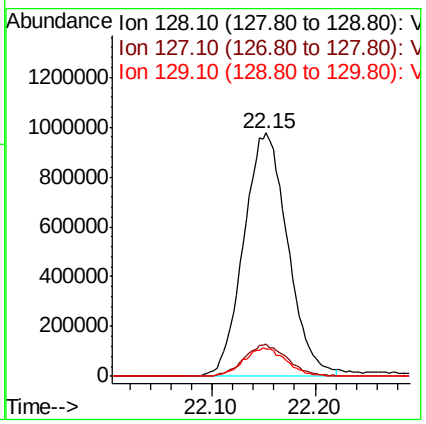


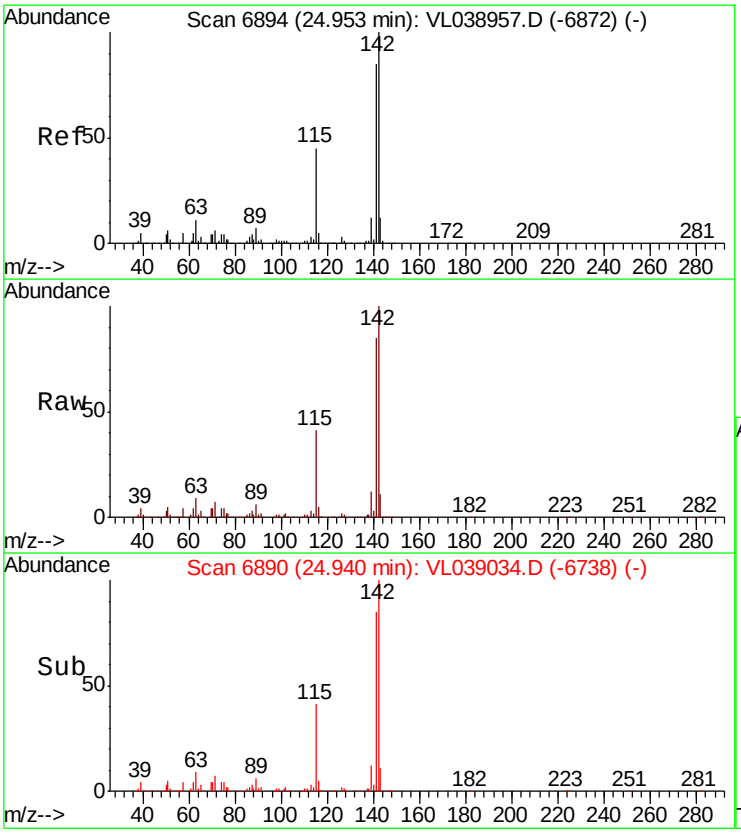
#79
Naphthalene
Concen: 11.922 ppbv
RT: 22.15
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2896411

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.2	8.9	13.3

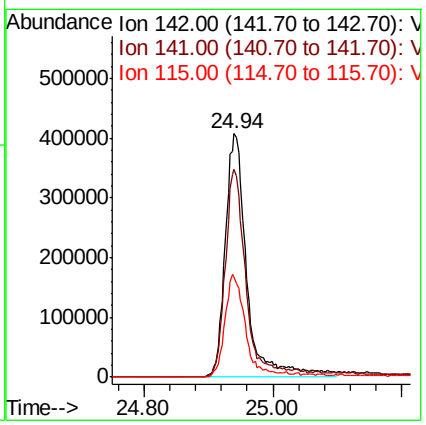


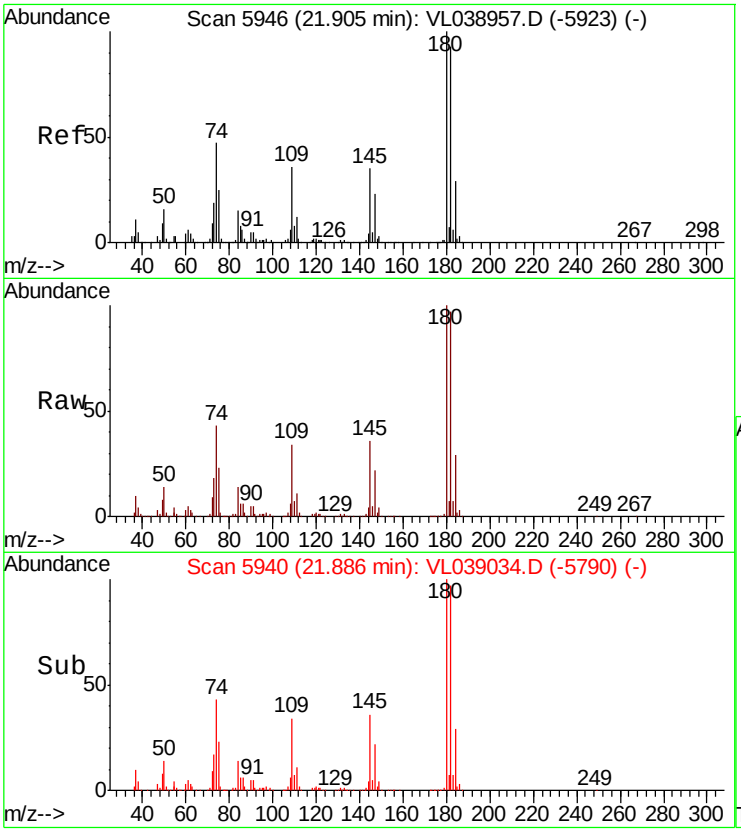


#80
Naphthalene,2-methyl-
Concen: 12.973 ppbv
RT: 24.94 min Scan# 6890
Delta R.T. -0.01 min
Lab File: VL039034.D
Acq: 13 May 2022 12:28

Tgt Ion:142 Resp: 953465

Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.8	106.2
115	42.2	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 10.729 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 13 May 2022 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1527385

Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.4	117.6
184	31.3	24.4	36.6