Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061522\
Data File : VL039301.D
Acq On : 15 Jun 2022 17:52
Operator : SY/AP
Sample : VL0614ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0615ABS01

Quant Time: Jun 16 04:34:22 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1317876	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.17	114	3630265	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.07	117	4273340	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2731005	7.73	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 77.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1875987	8.104	ppbv		96
3) Chlorodifluoromethane	2.99	51	1463723	8.729	ppbv		99
4) Chloromethane	3.14	50	823485	9.561	ppbv		100
5) Vinyl Chloride	3.25	62	770988	9.575	ppbv		98
6) Bromomethane	3.47	94	326935	8.254	ppbv		99
7) Chloroethane	3.56	64	294547	10.498	ppbv		92
8) Dichlorotetrafluoroethane	3.19	85	1909936	9.028	ppbv		94
9) Propene	3.01	41	648863	8.874	ppbv		99
10) Heptane	8.11	43	1677373	9.834	ppbv		99
11) Trichlorofluoromethane	3.95	101	1946651	9.290	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1420233	10.250	ppbv		99
13) Ethanol	3.61	45	45791	11.484	ppbv	#	100
14) Bromoethene	3.74	108	615363	9.878	ppbv		96
15) Acetone	3.84	43	1388903	10.117	ppbv		97
16) 1,3-Butadiene	3.32	39	770959	10.447	ppbv		94
17) tert-Butyl alcohol	4.28	59	1326418	12.457	ppbv		99
18) 1,1-Dichloroethene	4.29	96	657995	10.586	ppbv		90
19) Isopropyl Alcohol	3.95	45	768516	11.936	ppbv		99
20) Methylene Chloride	4.34	84	506128	8.749	ppbv		92
21) Allyl Chloride	4.41	41	996162	10.757	ppbv		98
22) trans-1,2-Dichloroethene	4.88	96	644968	10.784	ppbv		94
23) Vinyl Acetate	5.07	43	1195288	10.523	ppbv		99
24) 1,1-Dichloroethane	5.01	63	1493154	9.595	ppbv		99
25) Ethyl Acetate	5.66	43	2962365	9.574	ppbv		99
26) Hexane	5.68	57	1283982	9.443	ppbv		98
27) Carbon Disulfide	4.55	76	1587647	11.266	ppbv		100
28) Methyl tert-Butyl Ether	5.02	73	1433119	9.547	ppbv		99
29) Chloroform	5.74	83	2032378	8.883	ppbv		100
30) Cyclohexane	7.12	84	1107588	9.696	ppbv		98
31) cis-1,2-Dichloroethene	5.54	61	1285531	9.272	ppbv		93
32) 1,1,1-Trichloroethane	6.50	97	2047968	9.147	ppbv		99
34) 2-Butanone	5.23	43	1793077	9.091	ppbv		98
35) Carbon Tetrachloride	7.01	117	2129234	8.036	ppbv		99
36) Benzene	6.88	78	2681739	9.099	ppbv		100
37) 1,2-Dichloroethane	6.30	62	1553918	8.011	ppbv		98
38) Trichloroethene	7.83	130	1391958	10.282	ppbv		95
39) 1,2-Dichloropropane	7.60	63	992608	8.467	ppbv		98
40) 1,4-Dioxane	7.82	88	355774	9.219	ppbv	#	1
41) Tetrahydrofuran	6.04	42	1026901	8.657	ppbv		99
42) Bromodichloromethane	7.78	83	2192698	8.146	ppbv		98
43) Methyl Methacrylate	8.00	69	1074338	9.358	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061522\
Data File : VL039301.D
Acq On : 15 Jun 2022 17:52
Operator : SY/AP
Sample : VL0614ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0615ABS01

Quant Time: Jun 16 04:34:22 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4452185	8.635	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	1050612	8.787	ppbv		96
46) cis-1,3-Dichloropropene	8.69	75	1377547	8.722	ppbv		94
47) 1,1,2-Trichloroethane	9.46	97	1103999	9.027	ppbv		96
48) Dibromochloromethane	10.29	129	1928833	8.833	ppbv		100
49) Bromoform	13.03	173	1575718	8.658	ppbv		98
50) 4-Methyl-2-Pentanone	8.73	43	2764436	9.364	ppbv		99
51) 2-Hexanone	10.12	43	2145624	9.340	ppbv	#	97
52) Tetrachloroethene	11.21	164	1034266	8.988	ppbv		97
53) Toluene	9.80	91	3189635	9.399	ppbv		100
54) 1,2-Dibromoethane	10.60	107	1466448	8.923	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.12	131	1401748	6.932	ppbv		98
57) Chlorobenzene	12.13	112	2360405	7.341	ppbv		95
58) Ethyl Benzene	12.70	91	4222177	7.173	ppbv		99
59) m/p-Xylene	12.98	91	3828337	7.386	ppbv	#	36
60) o-Xylene	13.68	91	3463105	7.110	ppbv		98
61) Styrene	13.52	104	2069309	7.934	ppbv		96
62) Isopropylbenzene	14.65	105	5220895	7.212	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.66	83	1738553	6.359	ppbv		99
64) n-propylbenzene	15.55	120	1366623	7.679	ppbv		90
65) tert-Butylbenzene	16.73	119	4767724	7.202	ppbv		95
66) Benzyl Chloride	16.97	91	504196	5.858	ppbv		99
67) sec-Butylbenzene	17.28	105	6499665	7.196	ppbv		98
69) p-Isopropyltoluene	17.64	119	5588107	7.333	ppbv		98
70) n-Butylbenzene	18.54	91	5494433	7.024	ppbv		99
71) 2-Chlorotoluene	15.44	91	3776548	6.841	ppbv		97
72) 4-Ethyltoluene	15.82	105	4202470	7.362	ppbv		99
73) 1,3,5-Trimethylbenzene	15.98	105	3821116	7.421	ppbv		98
74) 1,2,4-Trimethylbenzene	16.75	105	4147800	7.219	ppbv		94
75) 1,3-Dichlorobenzene	16.98	146	2432825	7.480	ppbv		99
76) 1,4-Dichlorobenzene	17.12	146	2343141	7.221	ppbv		99
77) 1,2-Dichlorobenzene	17.80	146	2356714	7.190	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	1780081	5.939	ppbv		99
79) Naphthalene	22.18	128	3525957	7.971	ppbv		99
80) Naphthalene,2-methyl-	24.95	142	1099878	6.693	ppbv		92
81) 1,2,4-Trichlorobenzene	21.91	180	2056150	7.338	ppbv	#	100

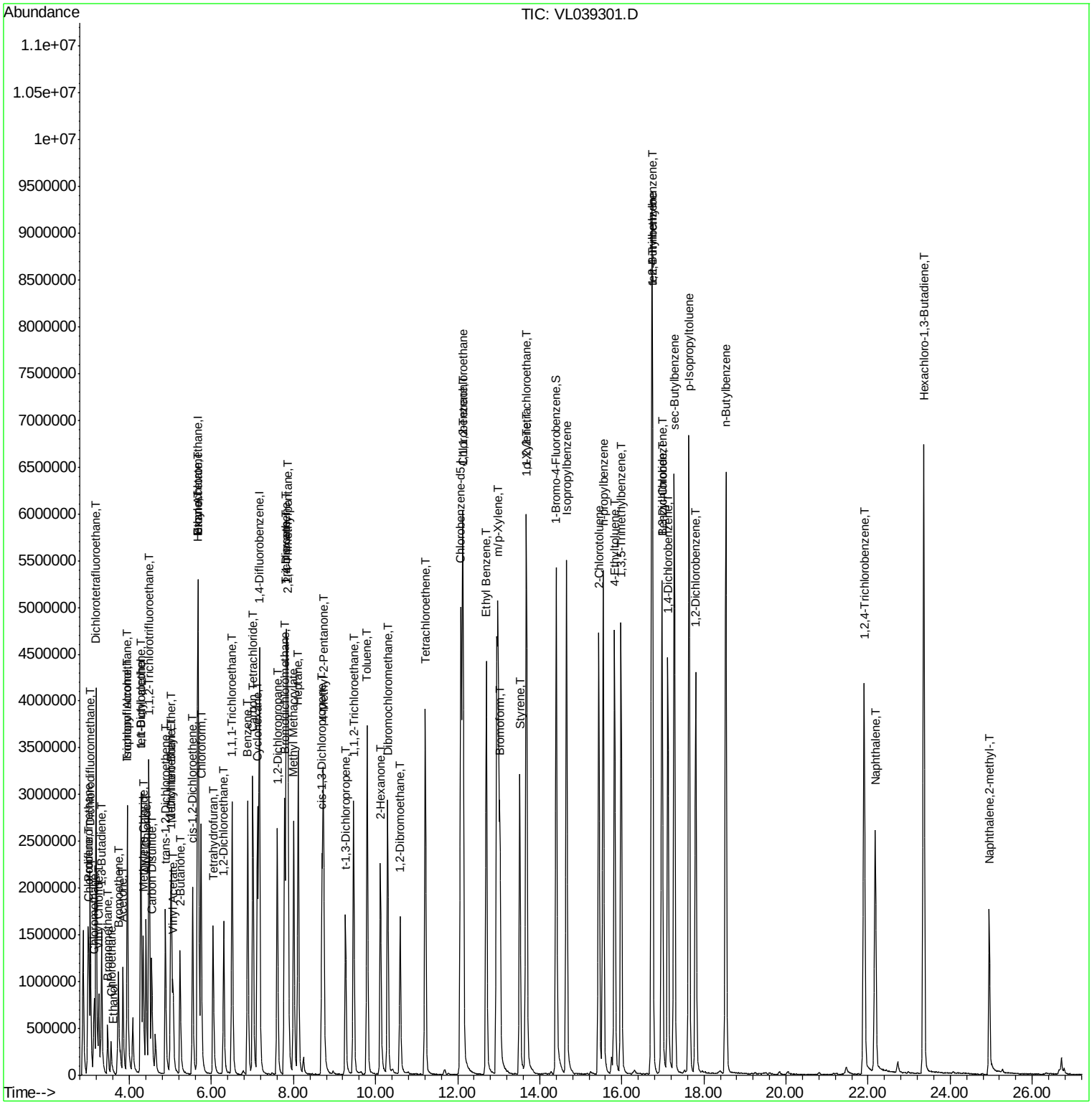
(#) = qualifier out of range (m) = manual integration (+) = signals summed

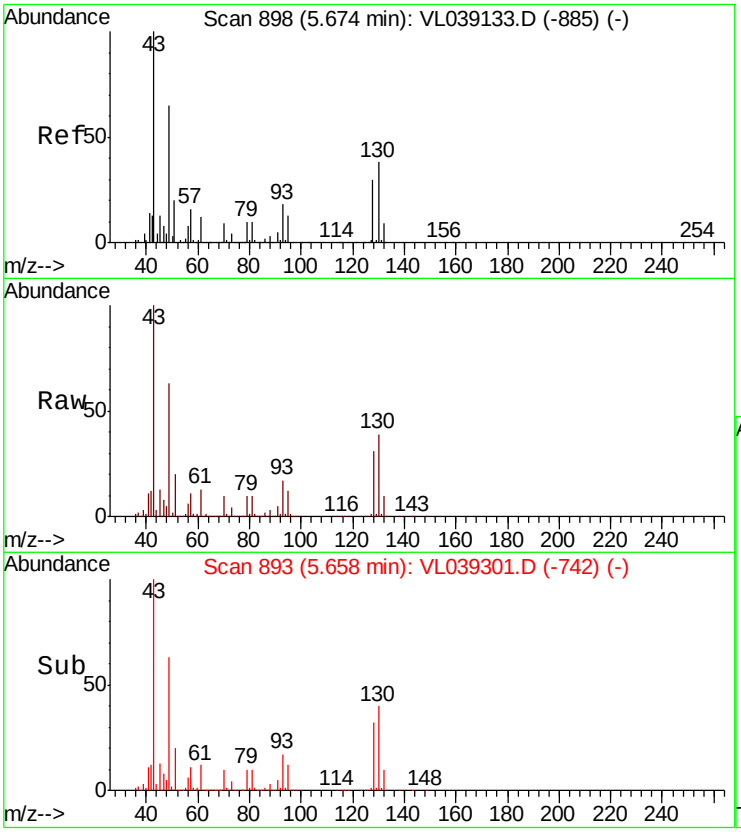
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061522\
Data File : VL039301.D
Acq On : 15 Jun 2022 17:52
Operator : SY/AP
Sample : VL0614ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Quant Time: Jun 16 04:34:22 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



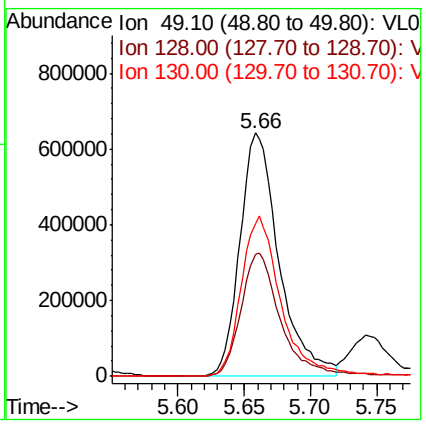


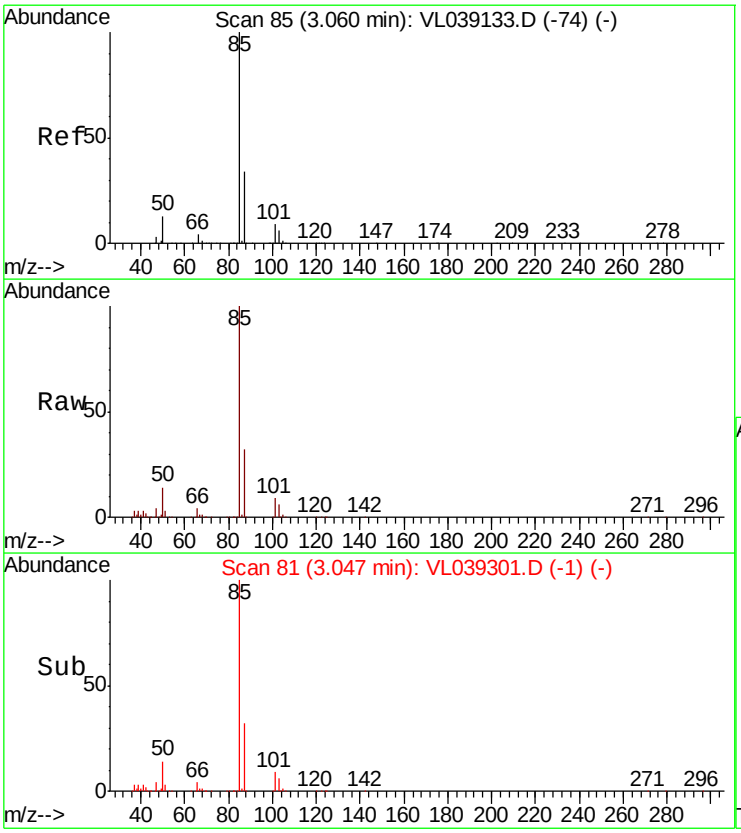
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 49 Resp: 1317876

Ion	Ratio	Lower	Upper
49	100		
128	52.2	24.7	74.1
130	68.4	31.4	94.0

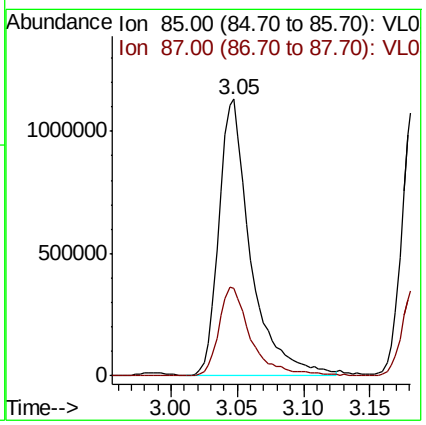


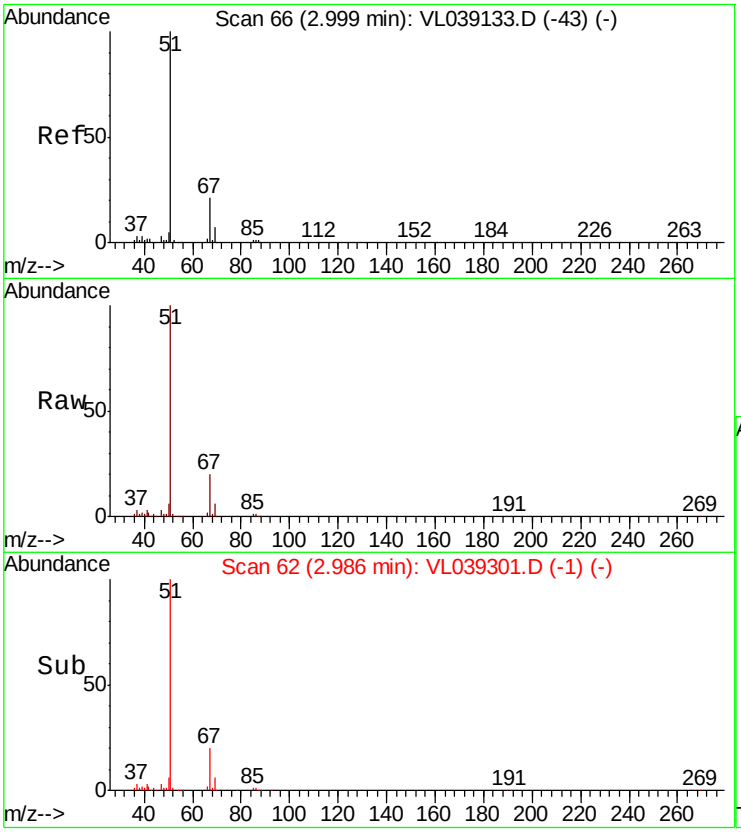


#2
Dichlorodifluoromethane
Concen: 8.104 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 85 Resp: 1875987

Ion	Ratio	Lower	Upper
85	100		
87	31.5	26.9	40.3



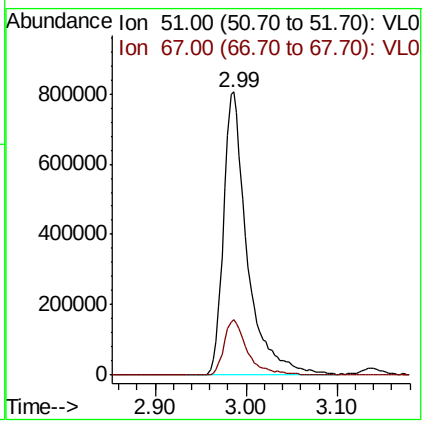


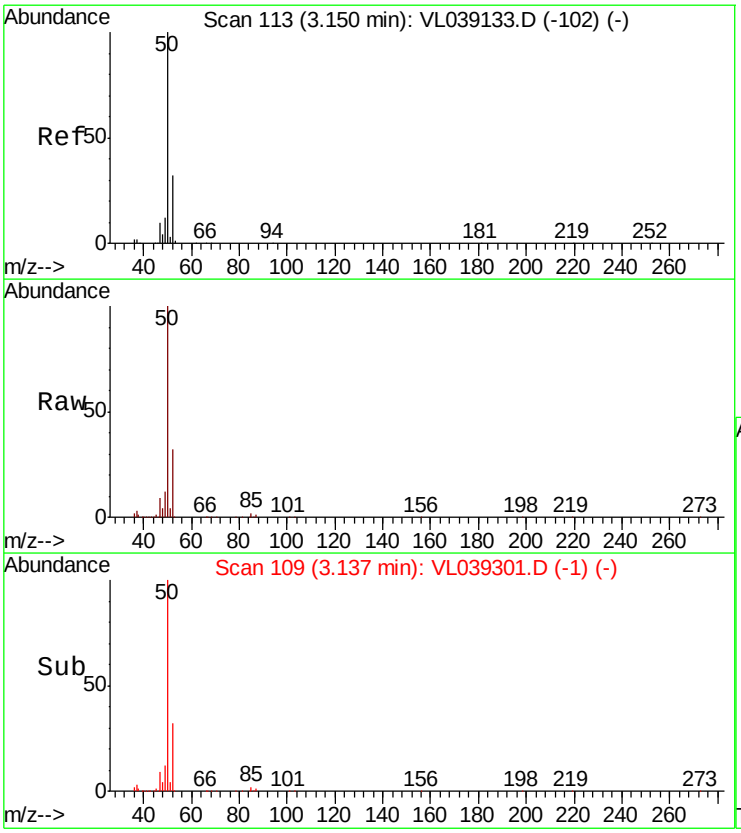
#3
Chlorodifluoromethane
Concen: 8.729 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 51 Resp: 1463723

Ion	Ratio	Lower	Upper
51	100		
67	19.6	16.2	24.4

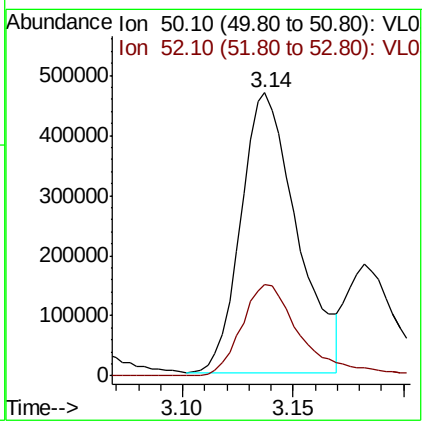


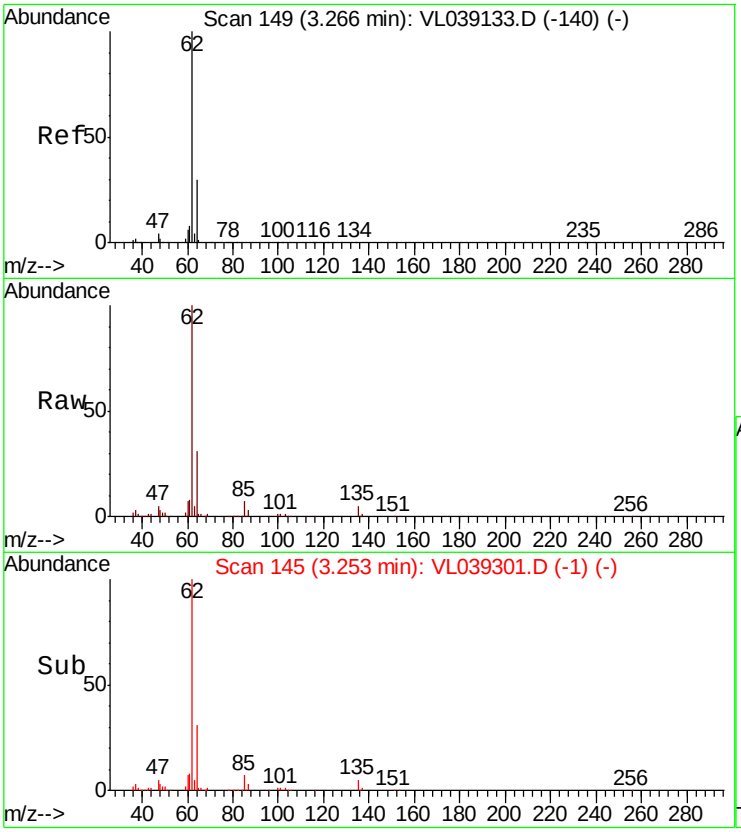


#4
Chloromethane
Concen: 9.561 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 50 Resp: 823485

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.9	38.9



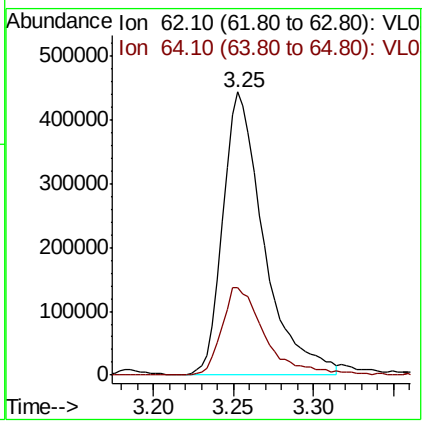


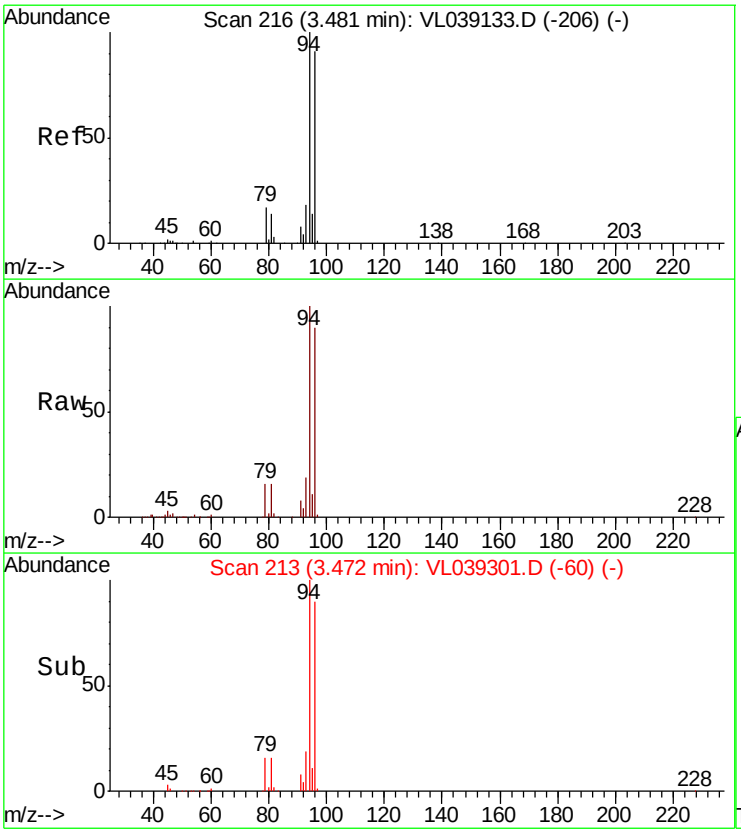
#5
Vinyl Chloride
Concen: 9.575 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 62 Resp: 770988

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.2	36.2

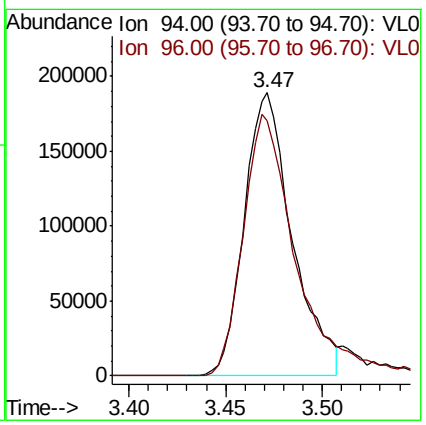


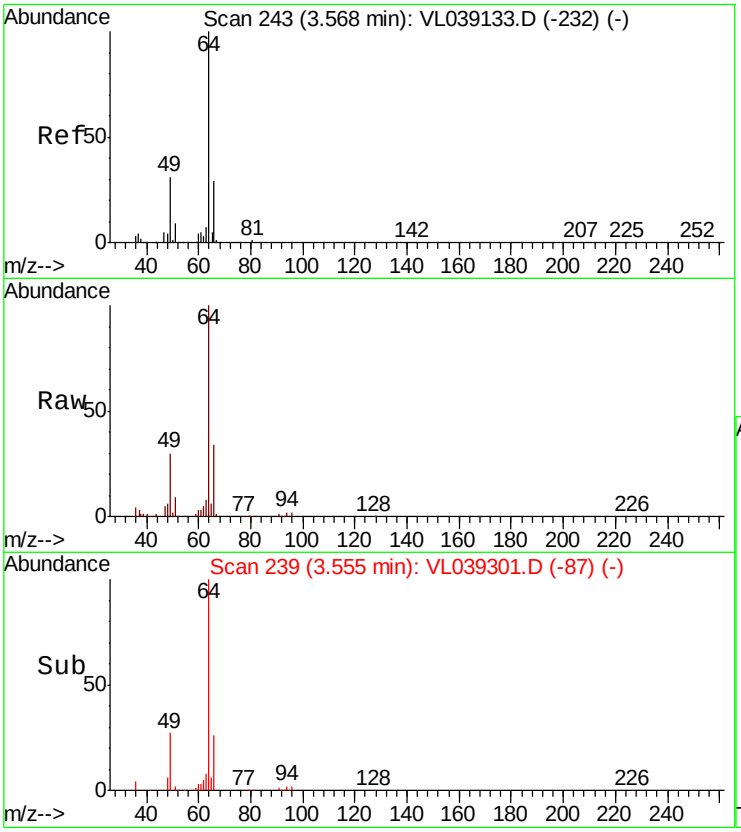


#6
Bromomethane
Concen: 8.254 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 94 Resp: 326935

Ion	Ratio	Lower	Upper
94	100		
96	90.1	73.0	109.4



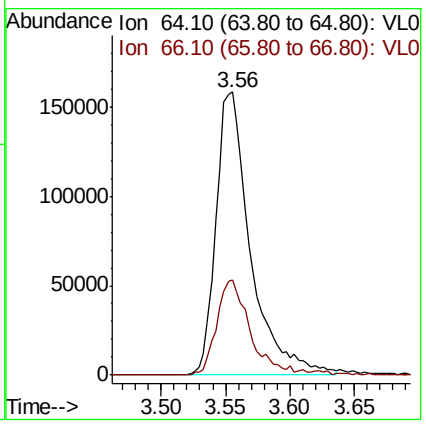


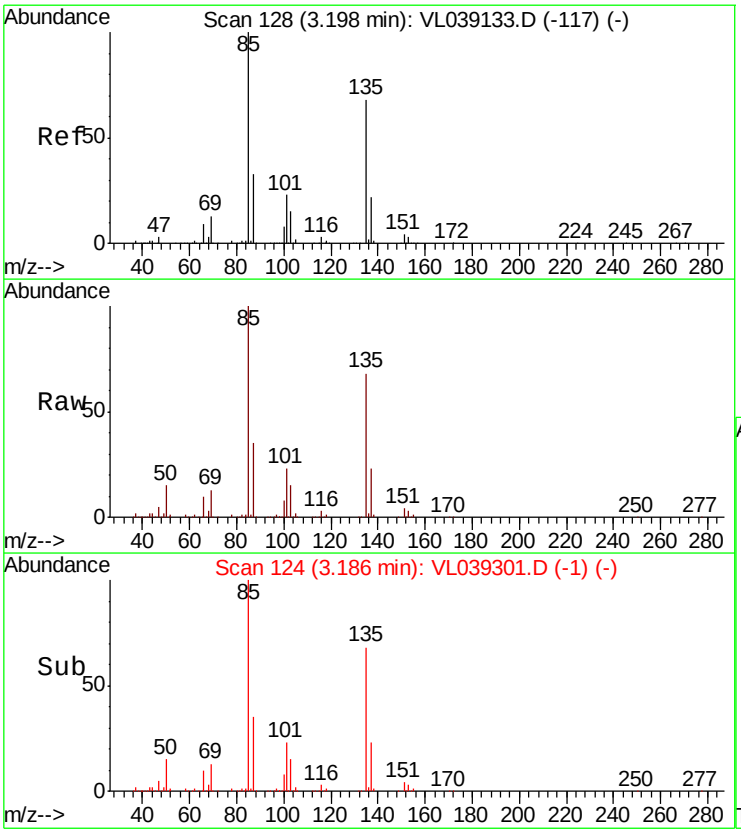
#7
Chloroethane
Concen: 10.498 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 64 Resp: 294547

Ion	Ratio	Lower	Upper
64	100		
66	33.7	23.6	35.4

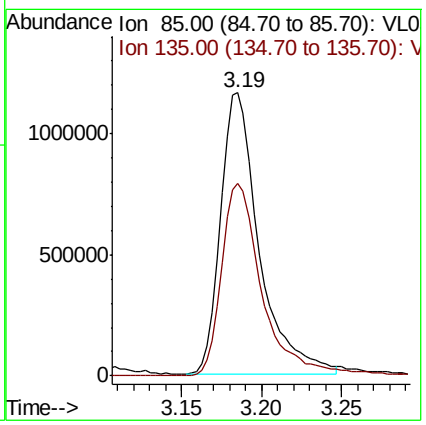


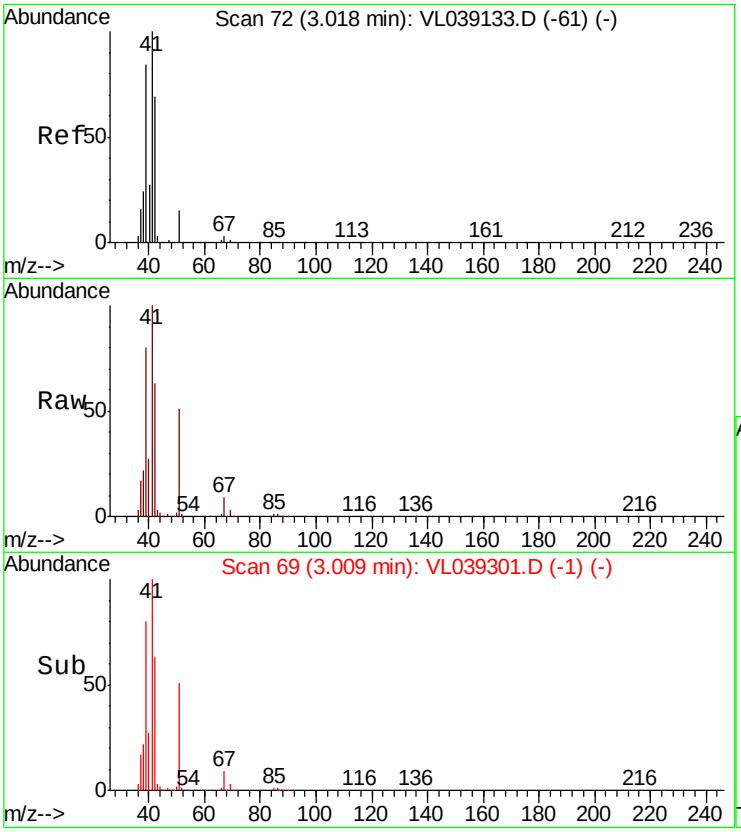


#8
Dichlorotetrafluoroethane
Concen: 9.028 ppbv
RT: 3.19 min Scan# 124
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 85 Resp: 1909936

Ion	Ratio	Lower	Upper
85	100		
135	73.3	55.0	82.4



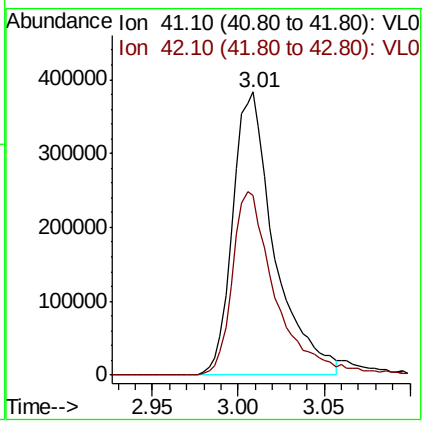


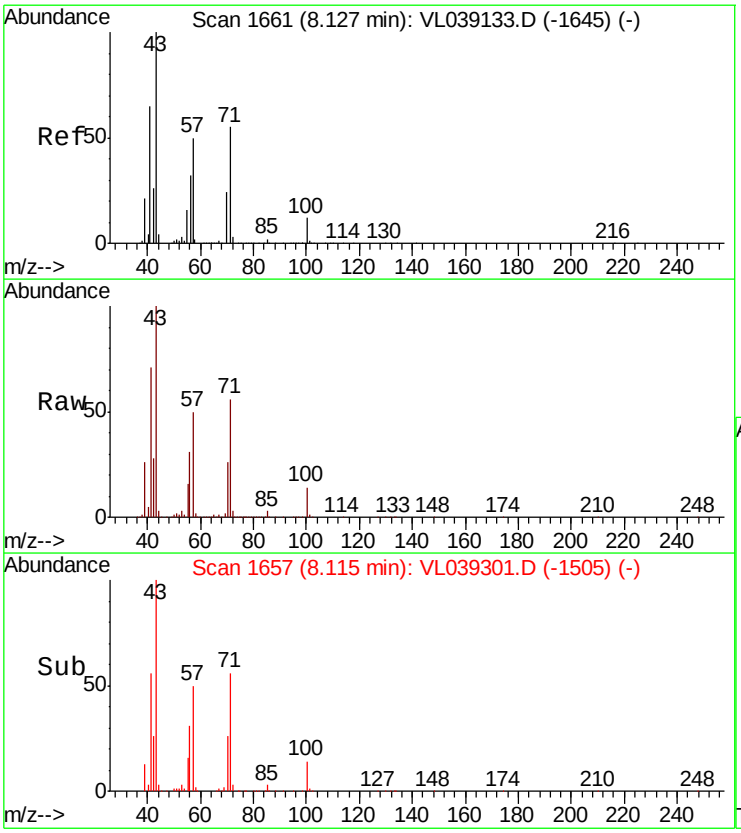
#9
Propene
Concen: 8.874 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 41 Resp: 648863

Ion	Ratio	Lower	Upper
41	100		
42	68.1	55.4	83.2

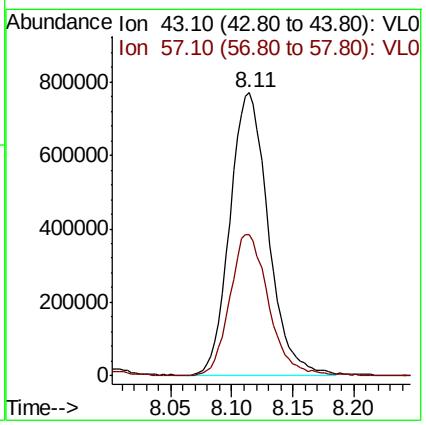


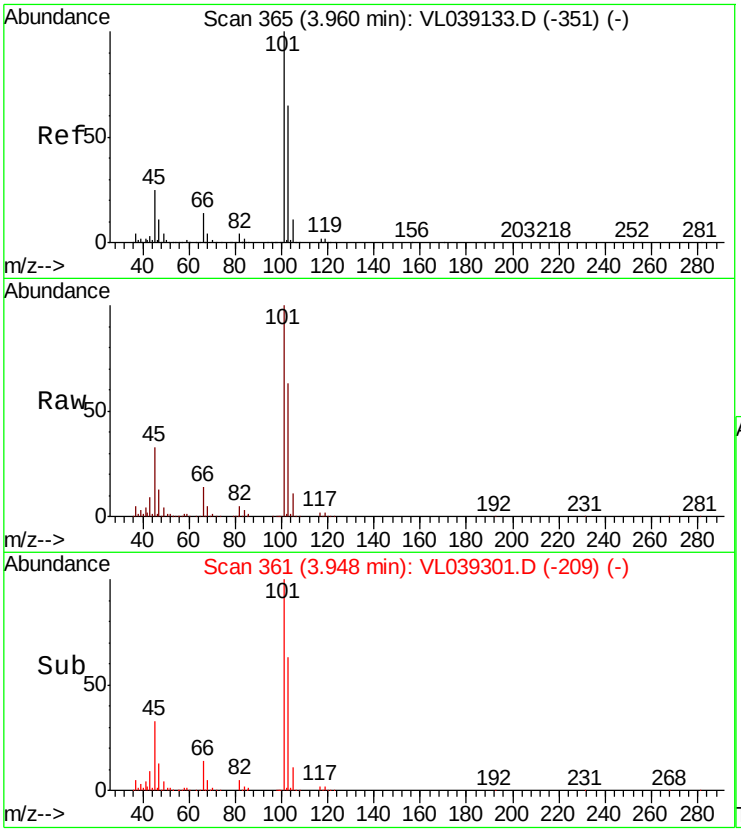


#10
Heptane
Concen: 9.834 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 43 Resp: 1677373

Ion	Ratio	Lower	Upper
43	100		
57	51.1	41.4	62.2



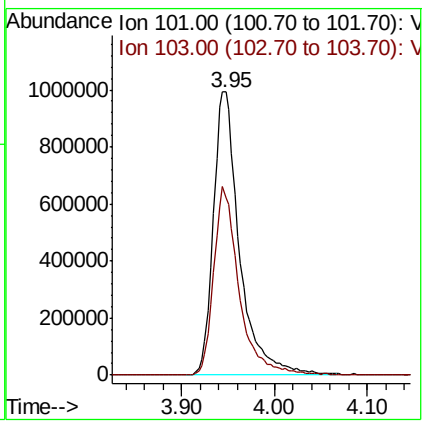


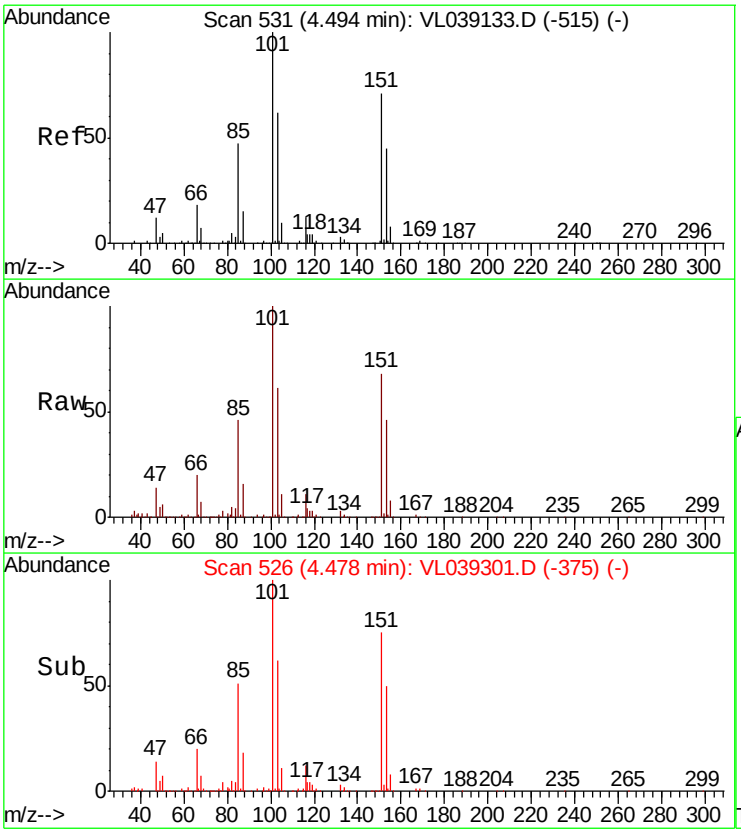
#11
Trichlorofluoromethane
Concen: 9.290 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:101 Resp: 1946651

Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.7	77.5

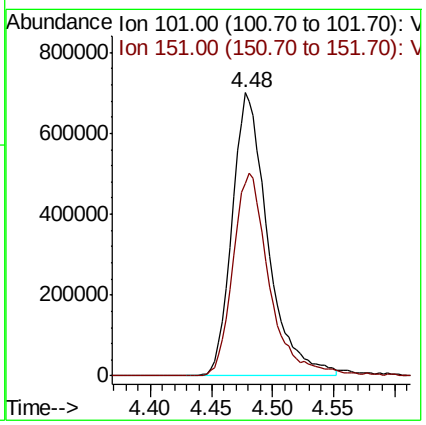


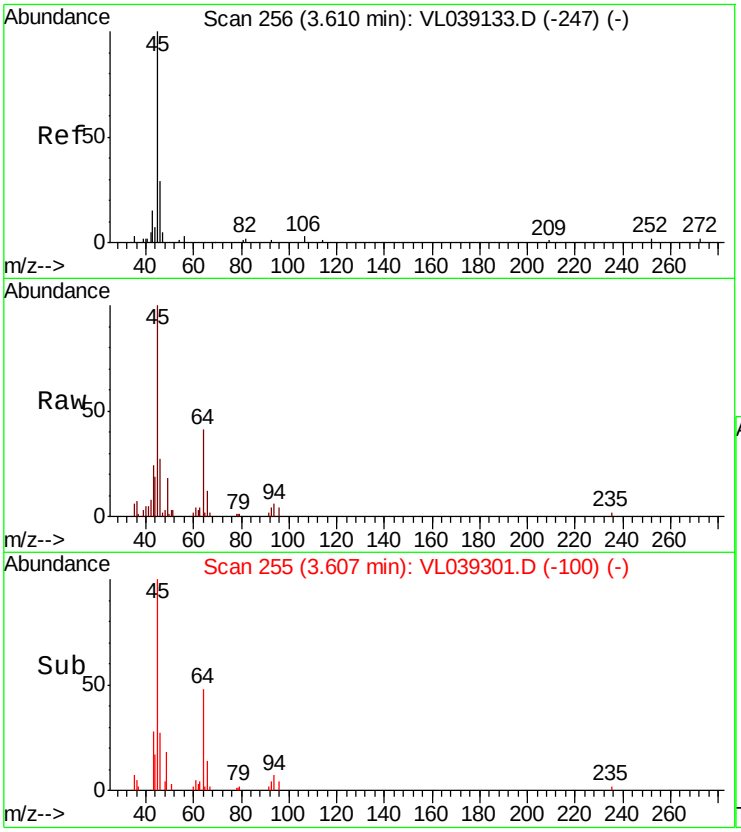


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.250 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:101 Resp: 1420233

Ion	Ratio	Lower	Upper
101	100		
151	73.6	59.4	89.0



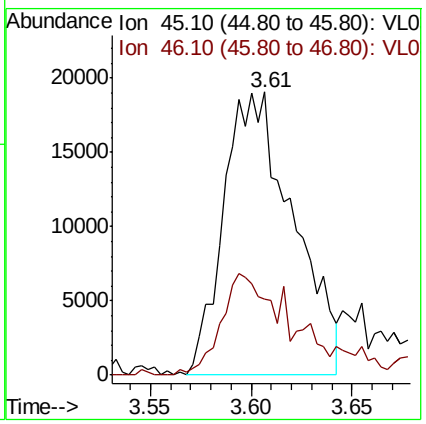


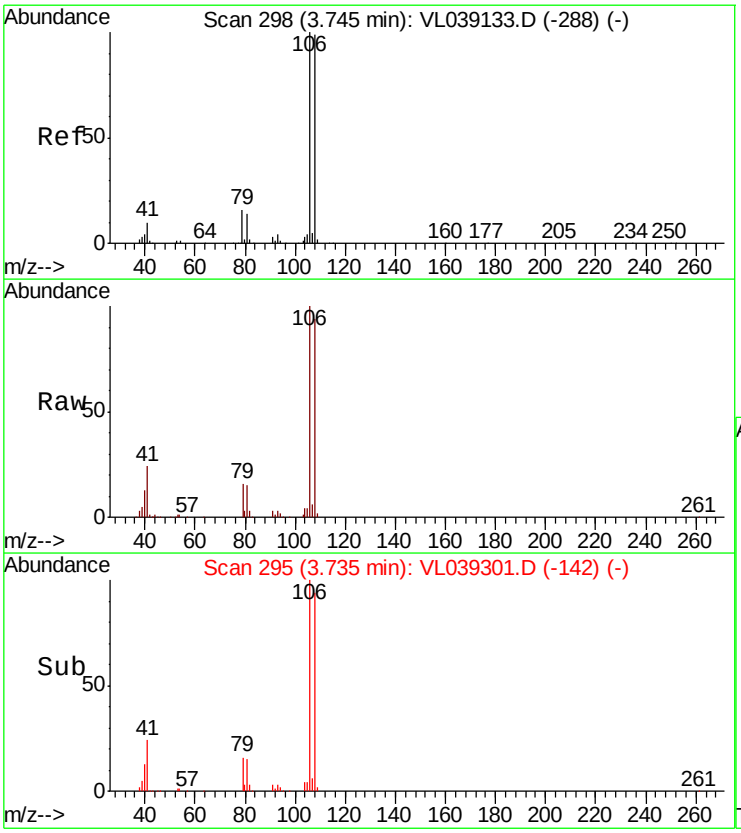
#13
Ethanol
Concen: 11.484 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 45 Resp: 45791

Ion	Ratio	Lower	Upper
45	100		
46	41.1	0.0	0.0#

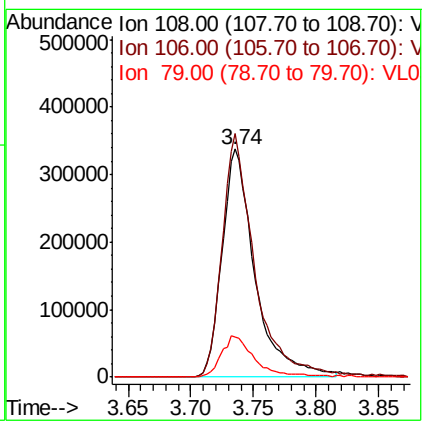


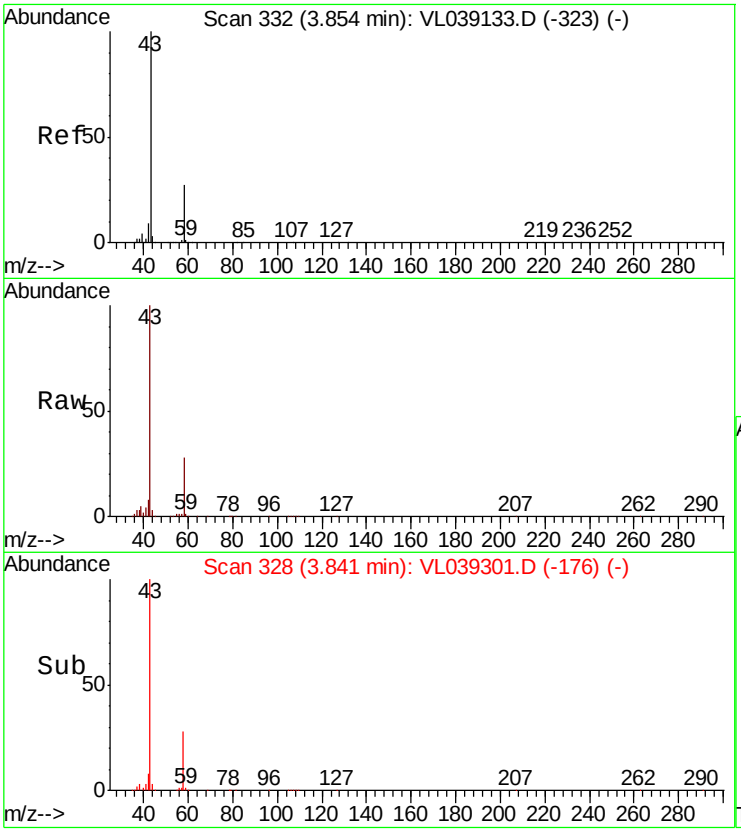


#14
Bromoethene
Concen: 9.878 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:108 Resp: 615363

Ion	Ratio	Lower	Upper
108	100		
106	106.6	88.4	132.6
79	18.9	13.4	20.2



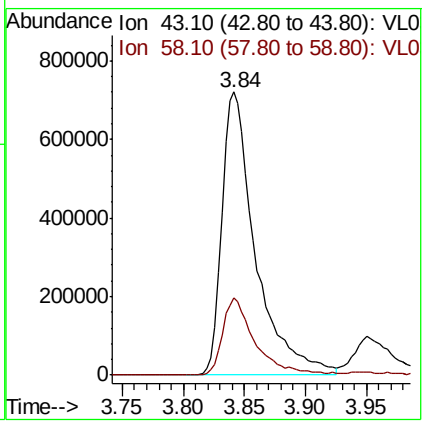


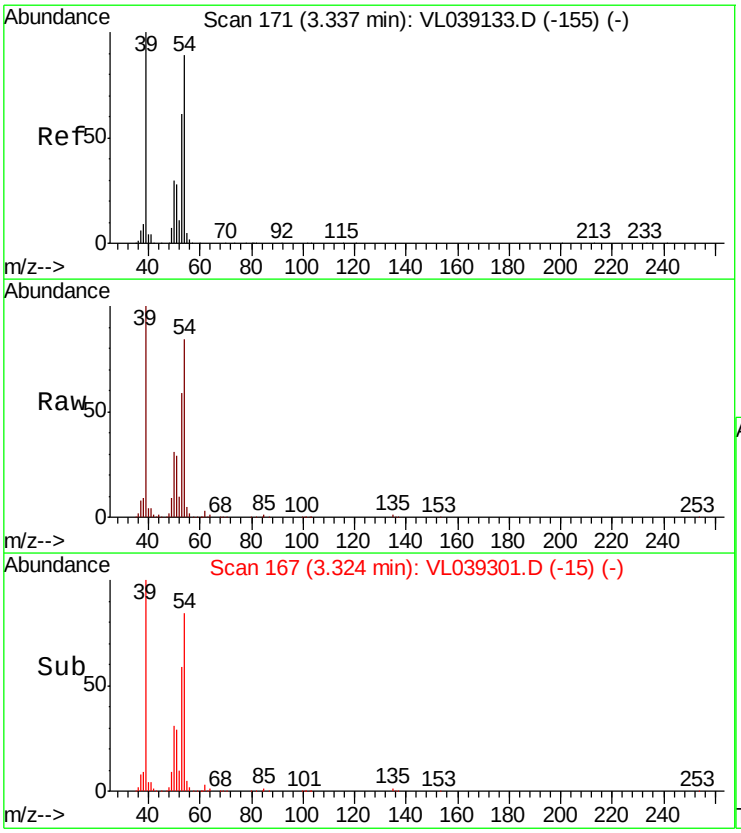
#15
Acetone
Concen: 10.117 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 43 Resp: 1388903

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.5	33.7

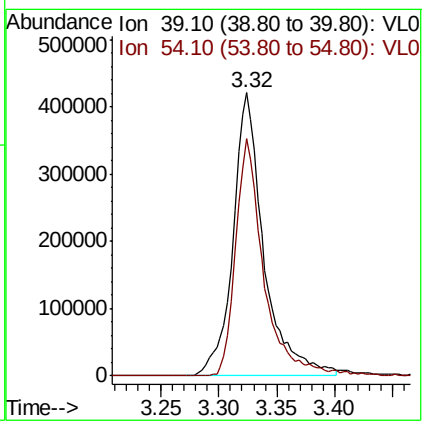


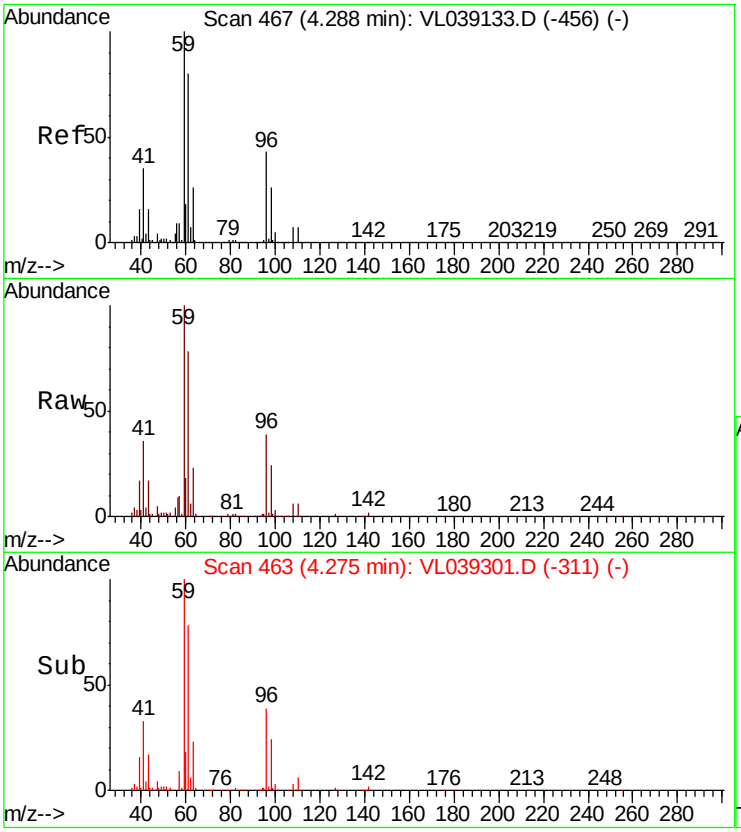


#16
1,3-Butadiene
Concen: 10.447 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 39 Resp: 770959

Ion	Ratio	Lower	Upper
39	100		
54	77.0	65.8	98.6



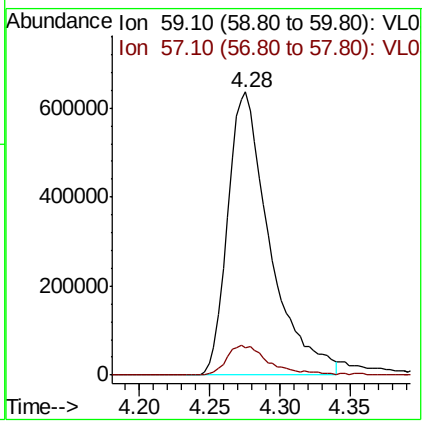


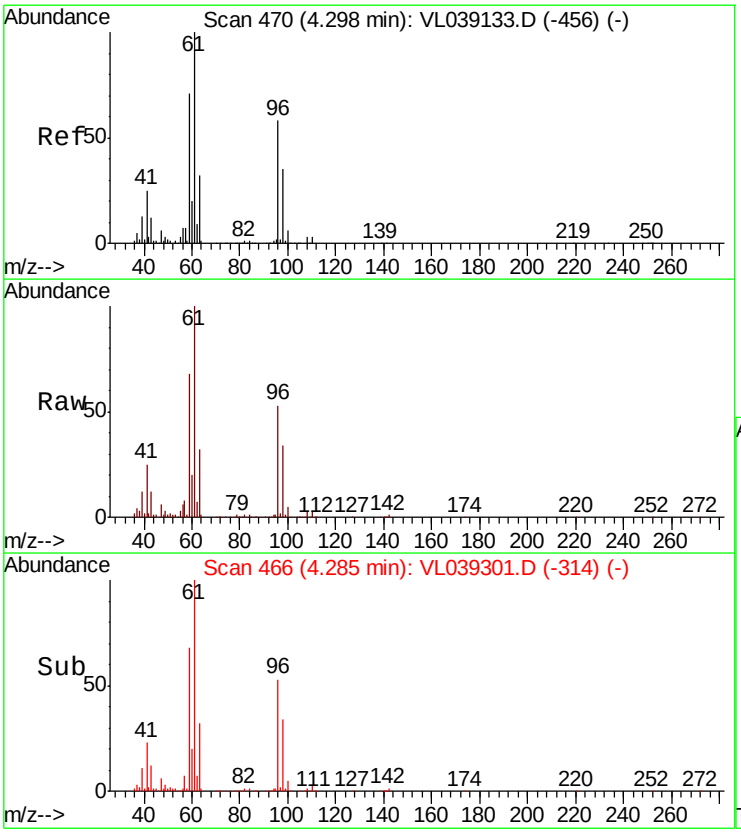
#17
tert-Butyl alcohol
Concen: 12.457 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 59 Resp: 1326418

Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.1	13.7

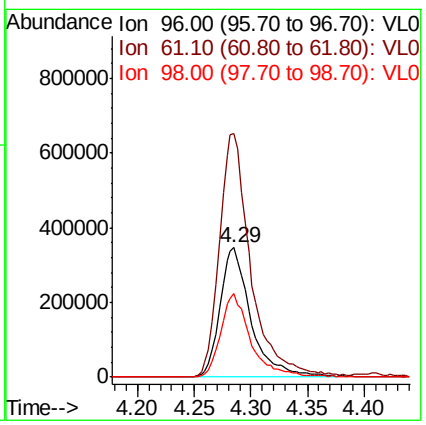


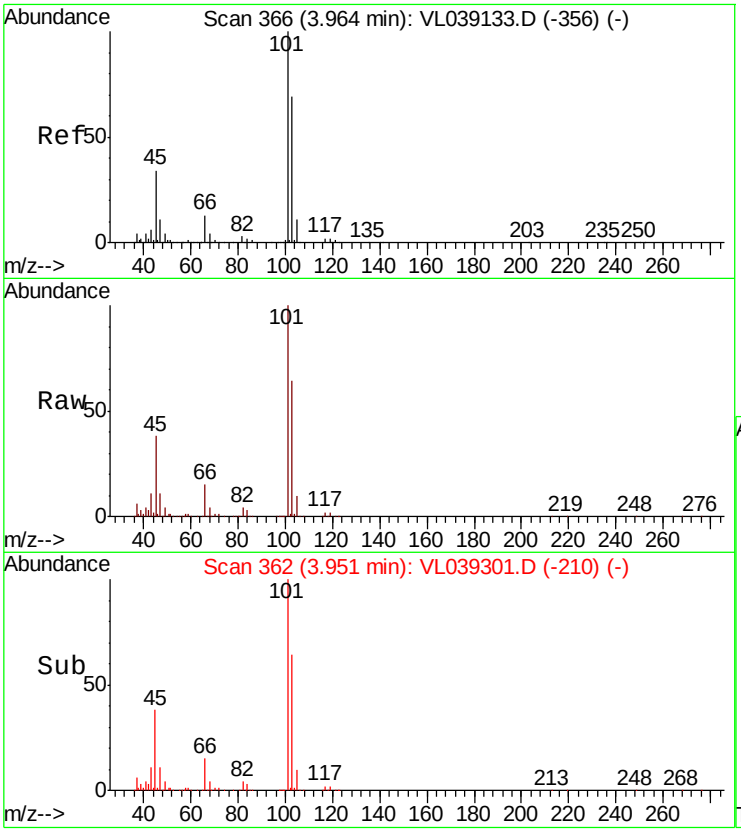


#18
1,1-Dichloroethene
Concen: 10.586 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 96 Resp: 657995

Ion	Ratio	Lower	Upper
96	100		
61	188.0	138.4	207.6
98	64.4	47.8	71.8



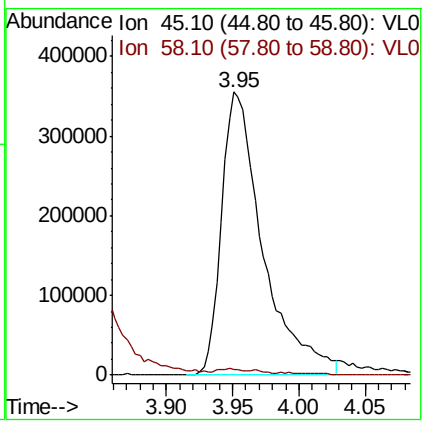


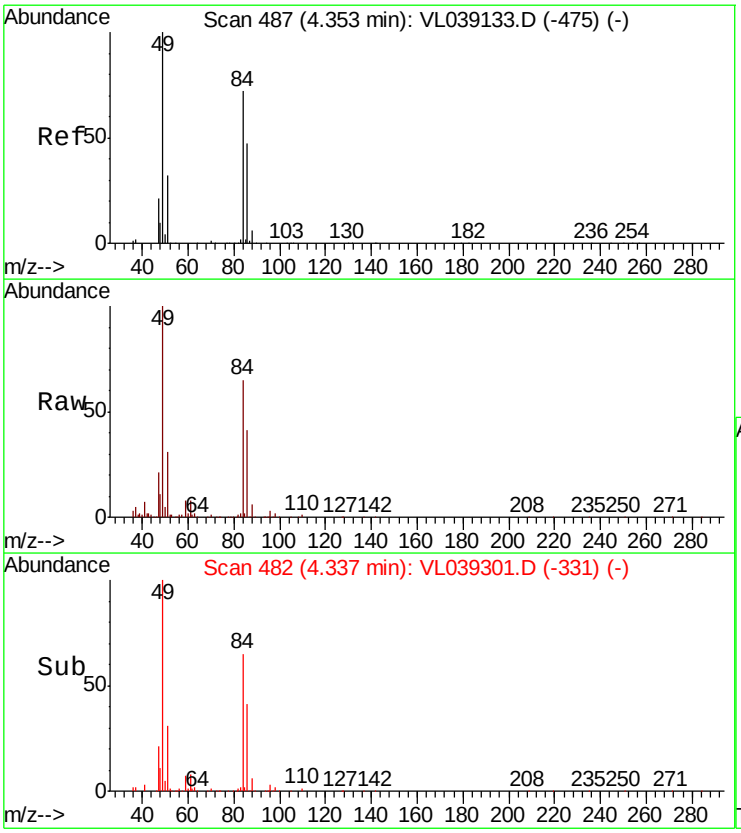
#19
Isopropyl Alcohol
Concen: 11.936 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 45 Resp: 768516

Ion	Ratio	Lower	Upper
45	100		
58	2.6	1.8	2.8

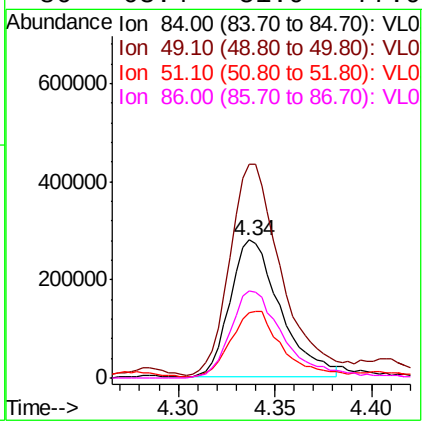


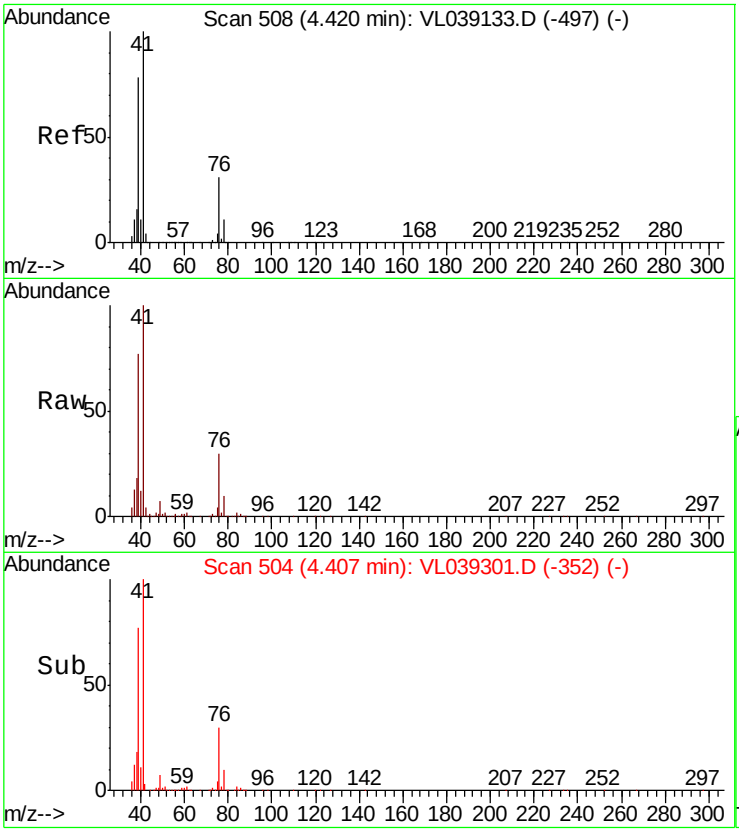


#20
Methylene Chloride
Concen: 8.749 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 84 Resp: 506128

Ion	Ratio	Lower	Upper
84	100		
49	153.8	111.1	166.7
51	46.7	35.3	52.9
86	63.4	51.9	77.9



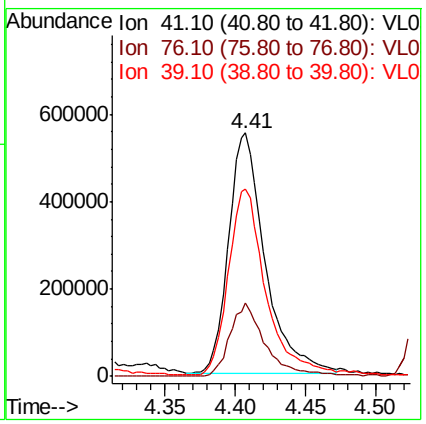


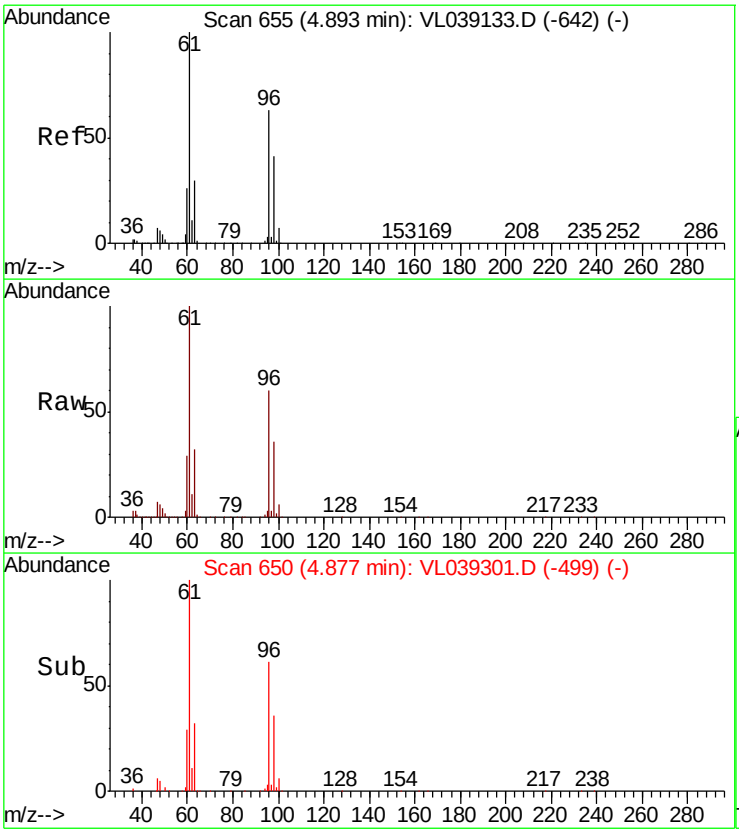
#21
Allvl Chloride
Concen: 10.757 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 41 Resp: 996162

Ion	Ratio	Lower	Upper
41	100		
76	30.0	24.2	36.2
39	80.5	62.2	93.2

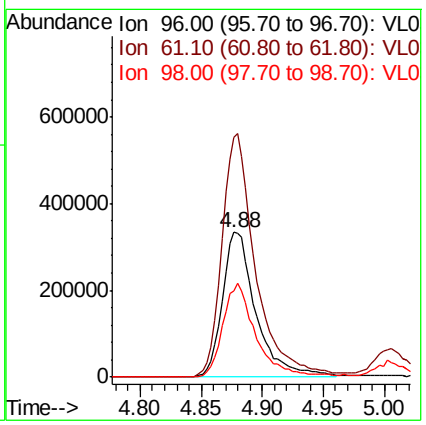


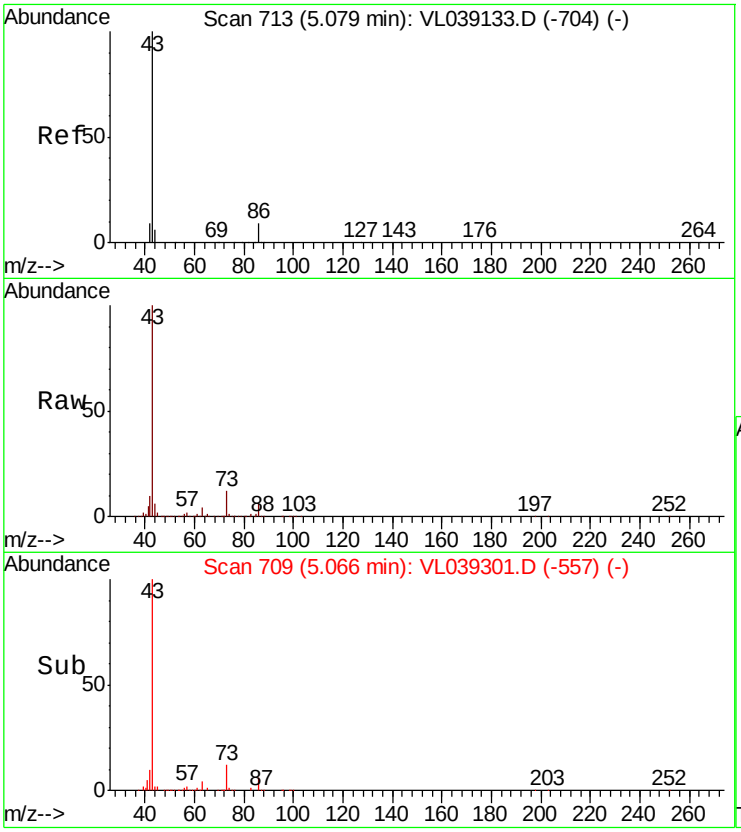


#22
trans-1,2-Dichloroethene
Concen: 10.784 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 96 Resp: 644968

Ion	Ratio	Lower	Upper
96	100		
61	165.4	126.6	190.0
98	59.5	52.5	78.7



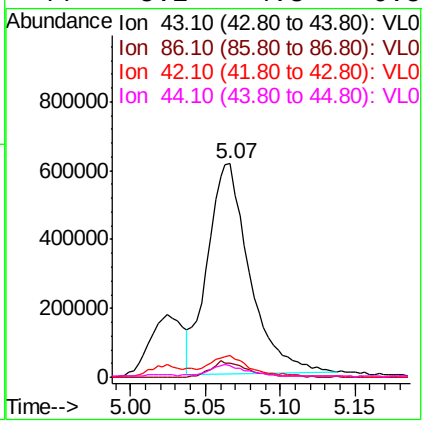


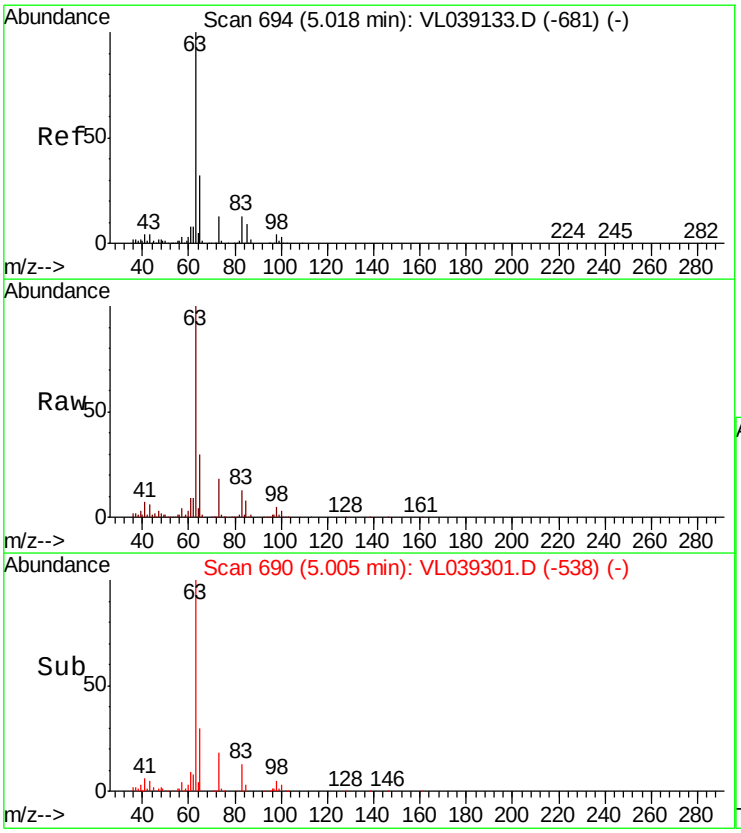
#23
Vinyl Acetate
Concen: 10.523 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 43 Resp: 1195288

Ion	Ratio	Lower	Upper
43	100		
86	6.4	6.0	9.0
42	10.2	8.2	12.4
44	5.2	4.3	6.5

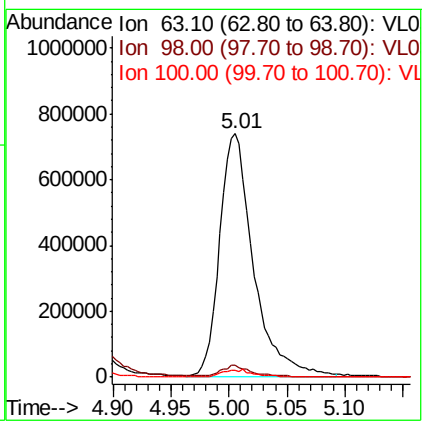


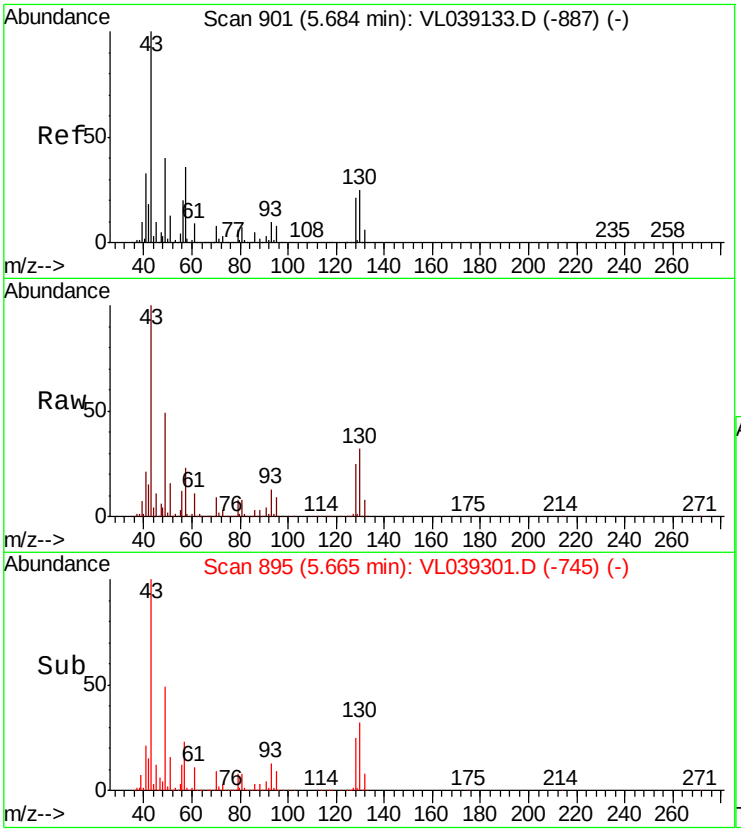


#24
1,1-Dichloroethane
Concen: 9.595 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 63 Resp: 1493154

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	2.8	1.5	4.5



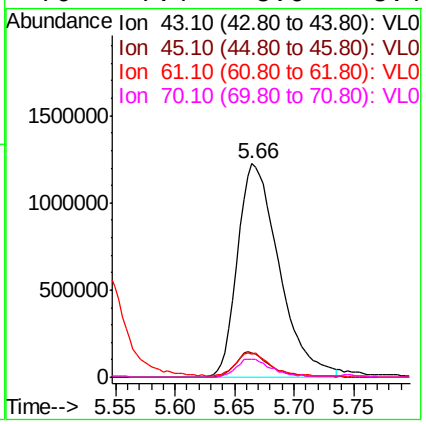


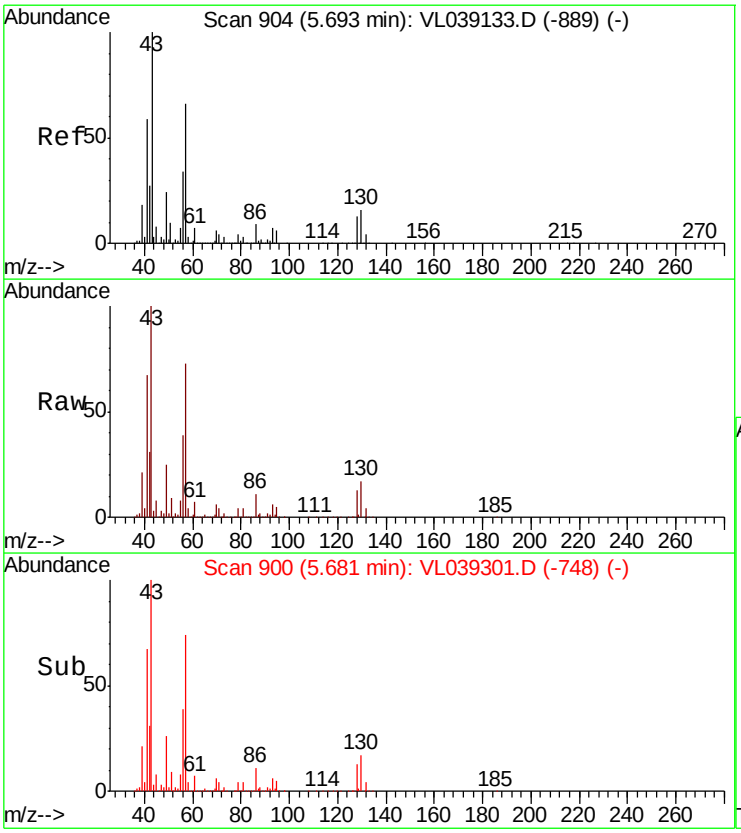
#25
Ethyl Acetate
Concen: 9.574 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 43 Resp: 2962365

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.1	8.4	12.6
70	7.4	5.6	8.4

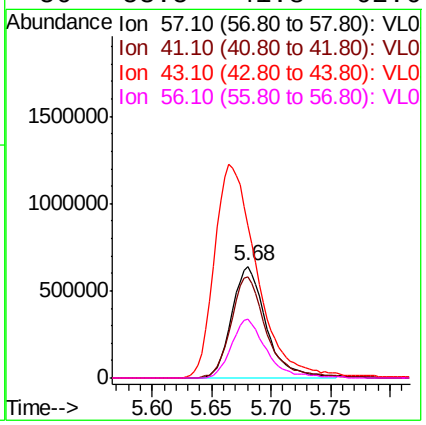


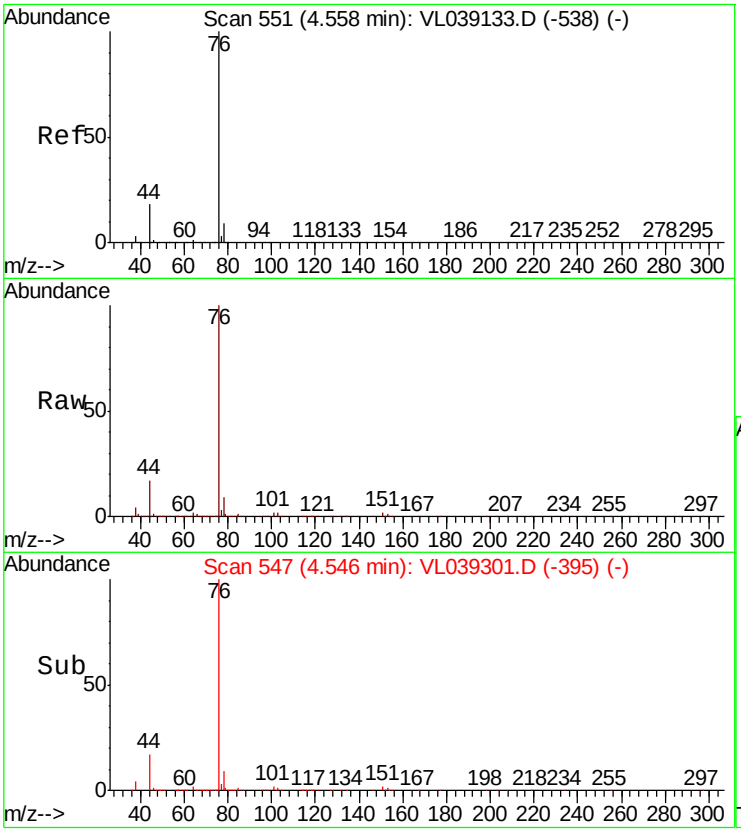


#26
Hexane
Concen: 9.443 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 57 Resp: 1283982

Ion	Ratio	Lower	Upper
57	100		
41	94.5	72.4	108.6
43	236.5	187.0	280.6
56	53.5	41.8	62.6



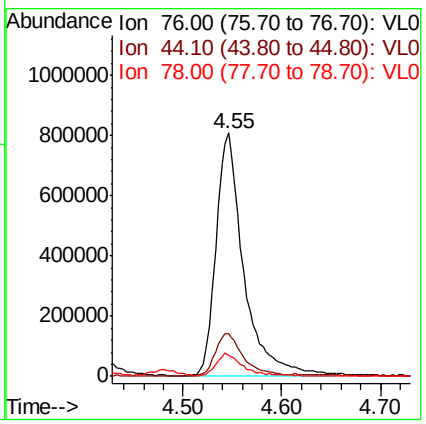


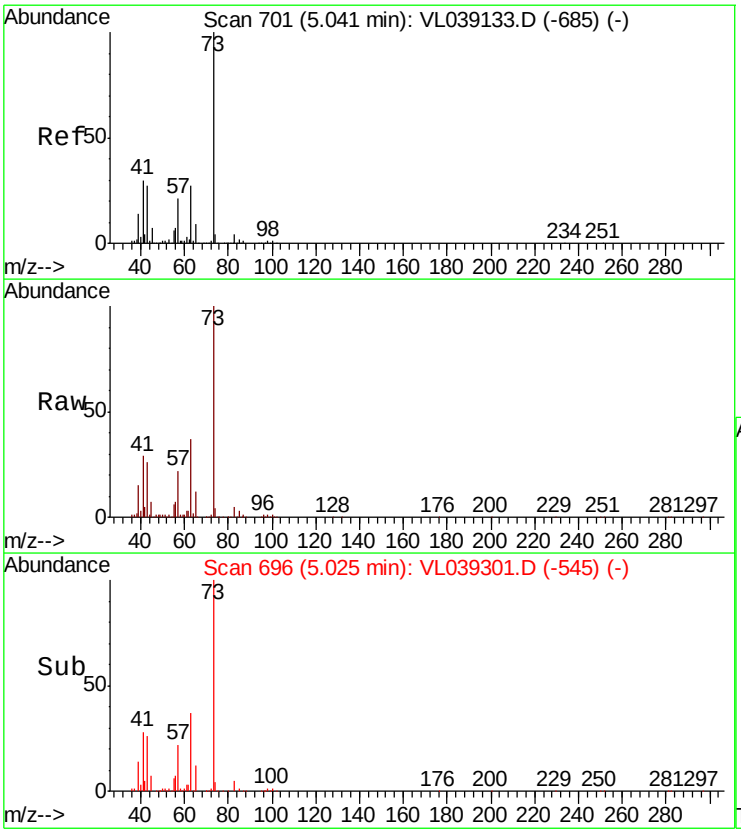
#27
Carbon Disulfide
Concen: 11.266 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 76 Resp: 1587647

Ion	Ratio	Lower	Upper
76	100		
44	17.8	14.4	21.6
78	9.4	7.7	11.5

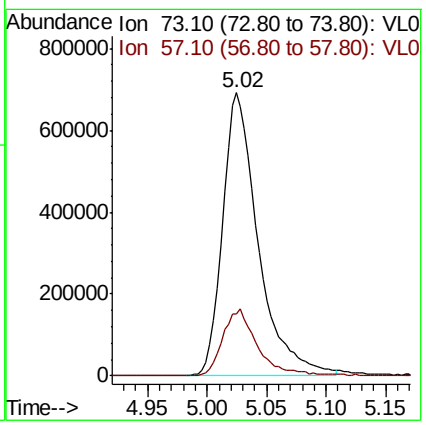


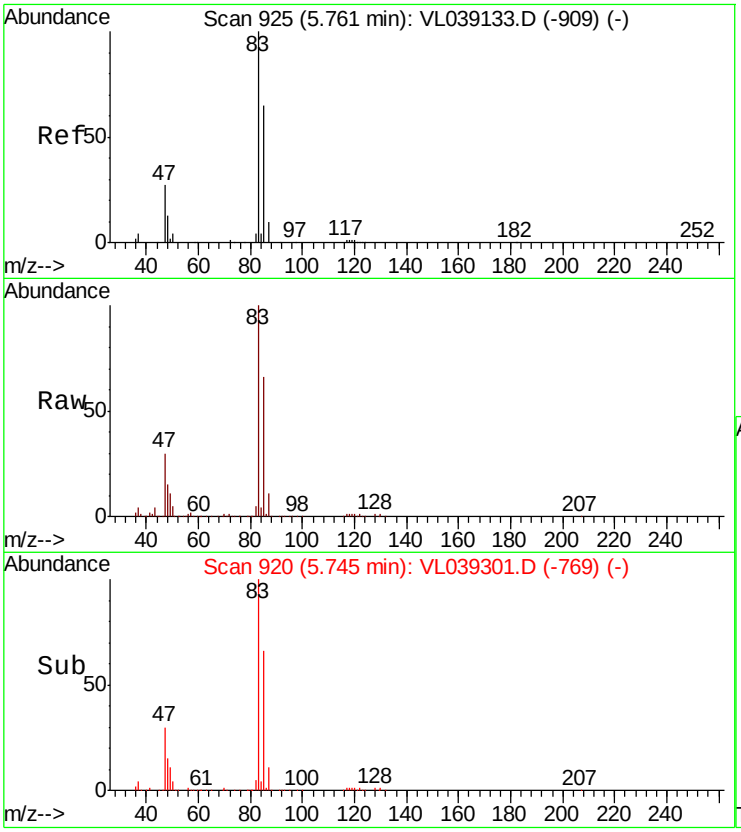


#28
Methyl tert-Butyl Ether
Concen: 9.547 ppbv
RT: 5.02 min Scan# 696
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 73 Resp: 1433119

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.6	27.8



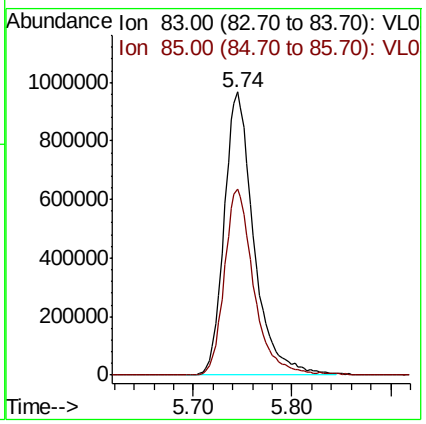


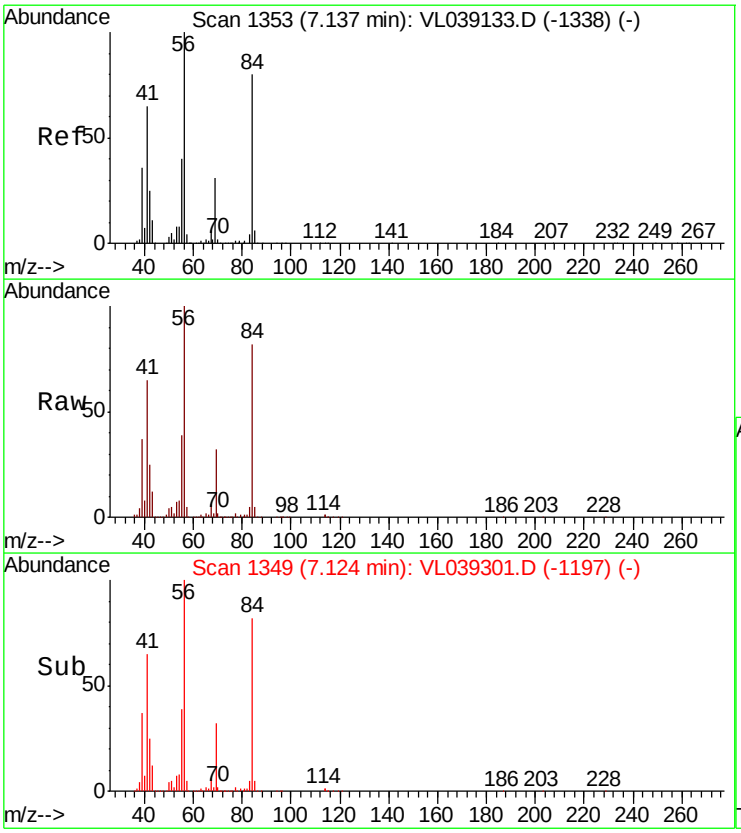
#29
Chloroform
Concen: 8.883 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 83 Resp: 2032378

Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6

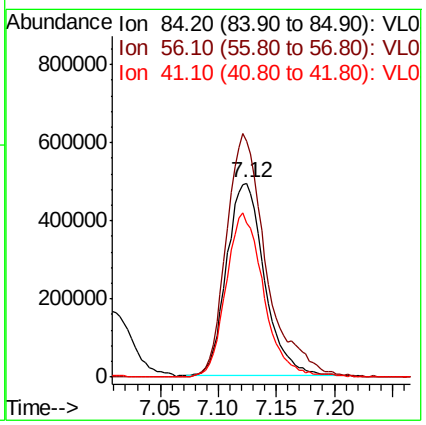


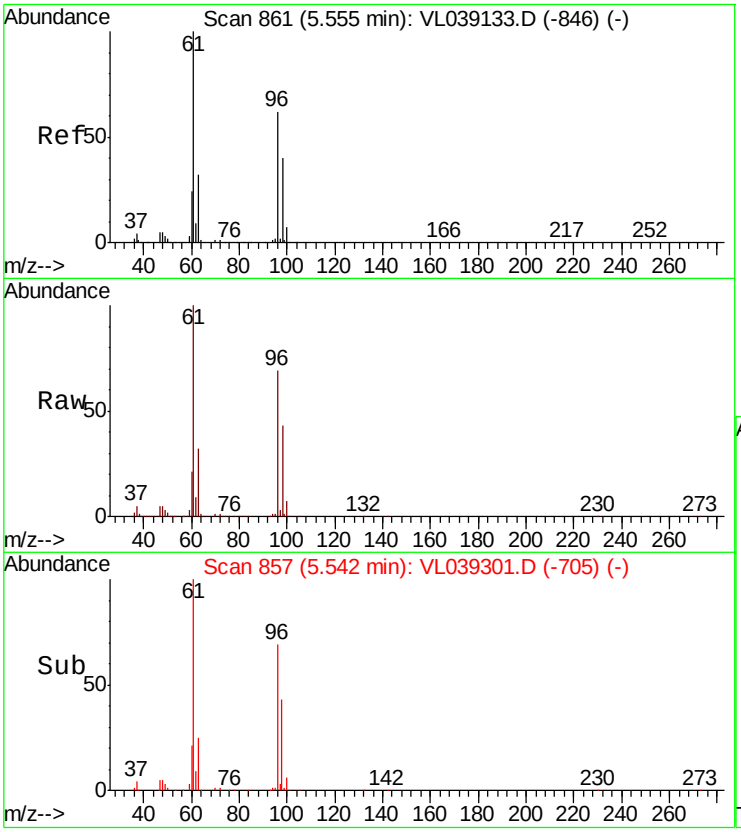


#30
Cyclohexane
Concen: 9.696 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 84 Resp: 1107588

Ion	Ratio	Lower	Upper
84	100		
56	134.8	110.6	165.8
41	85.6	68.9	103.3



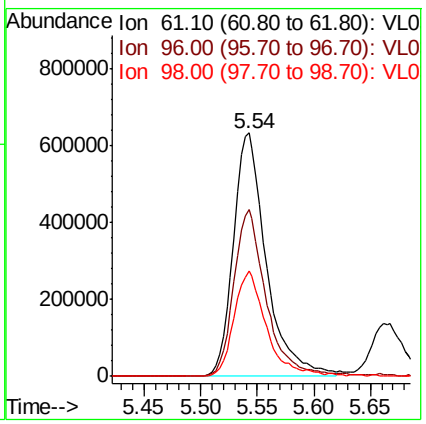


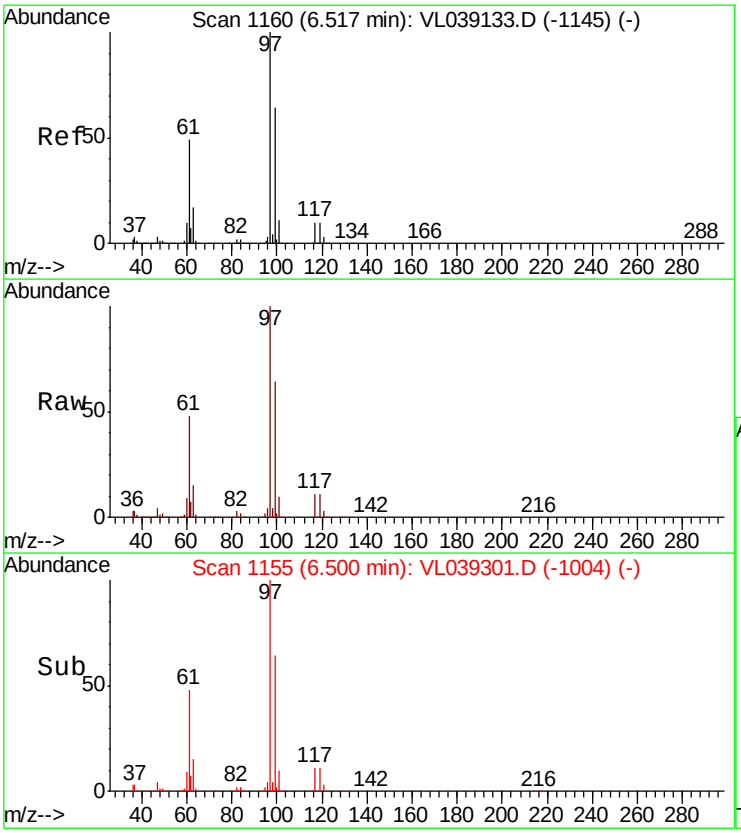
#31
cis-1,2-Dichloroethene
Concen: 9.272 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 61 Resp: 1285531

Ion	Ratio	Lower	Upper
61	100		
96	68.4	49.9	74.9
98	43.0	32.0	48.0

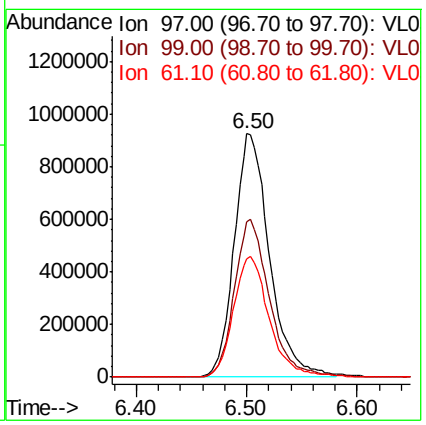


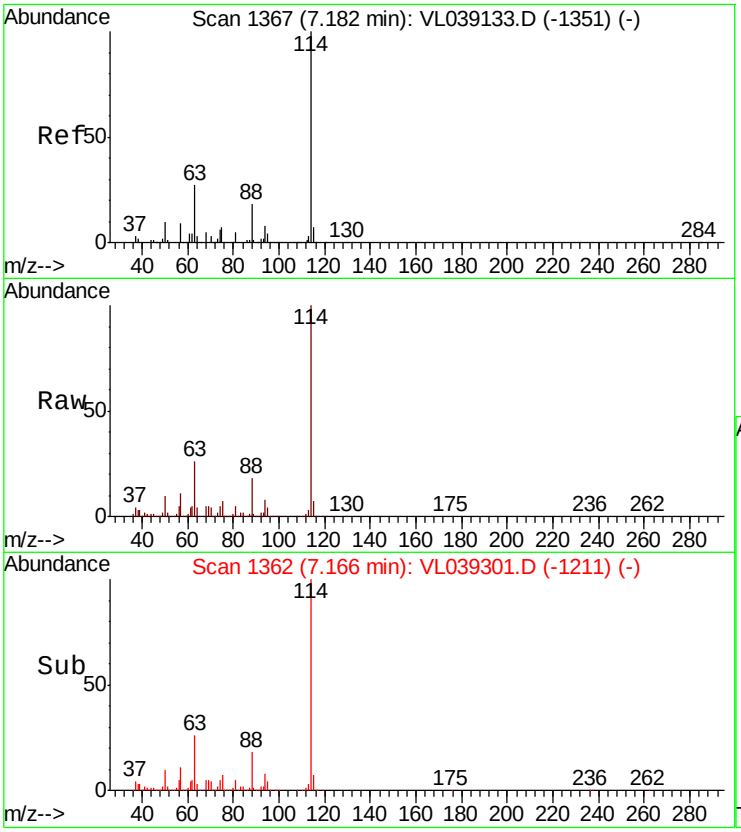


#32
1,1,1-Trichloroethane
Concen: 9.147 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 97 Resp: 2047968

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.1	78.1
61	50.6	40.0	60.0



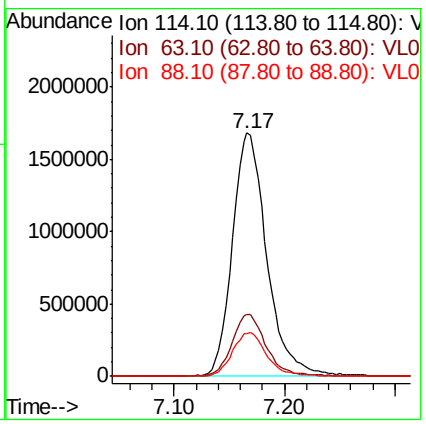


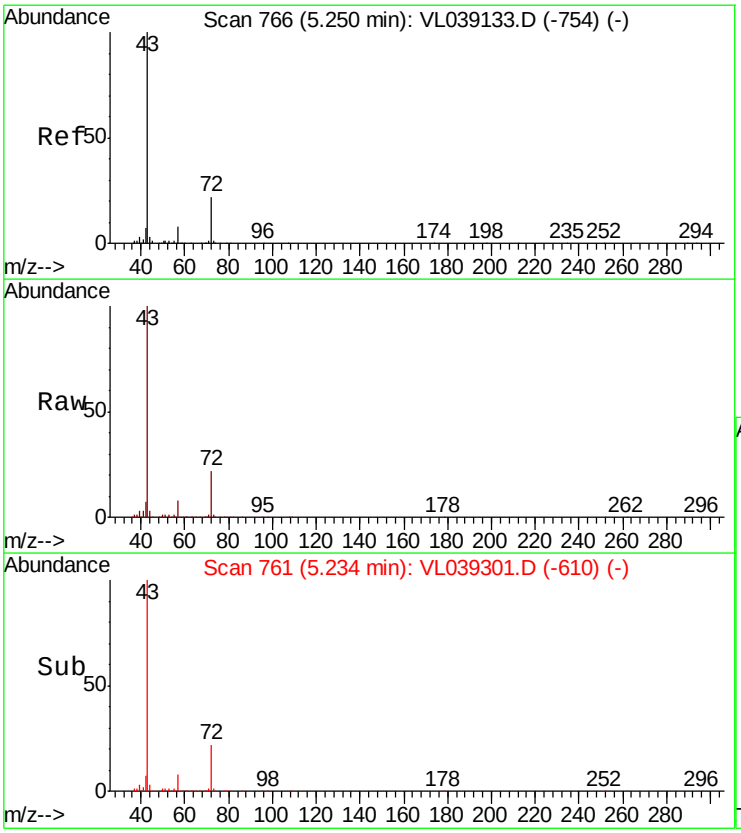
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:114 Resp: 3630265

Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.7	32.5
88	18.1	14.8	22.2

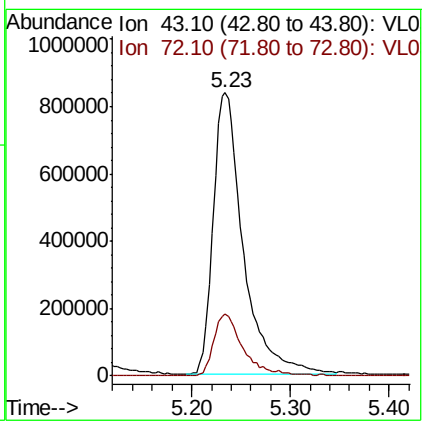


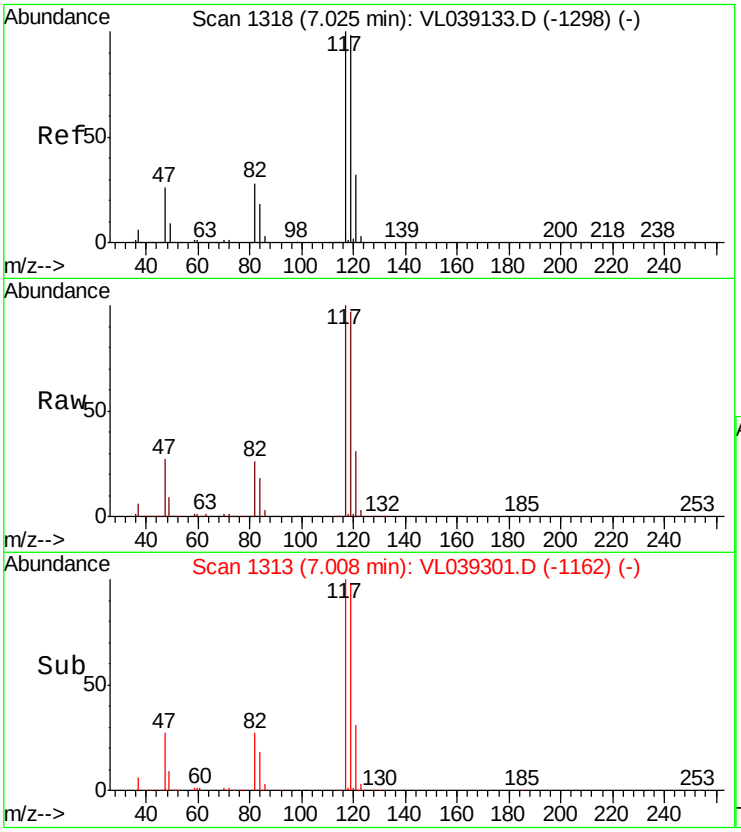


#34
2-Butanone
Concen: 9.091 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 43 Resp: 1793077

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.2	27.2



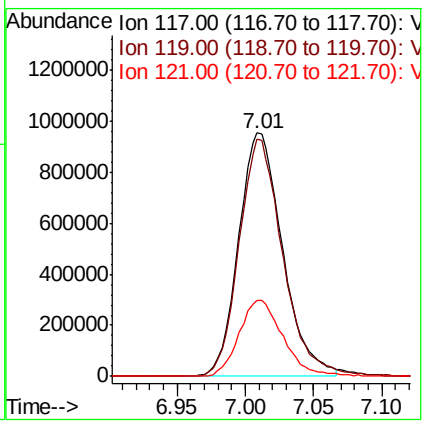


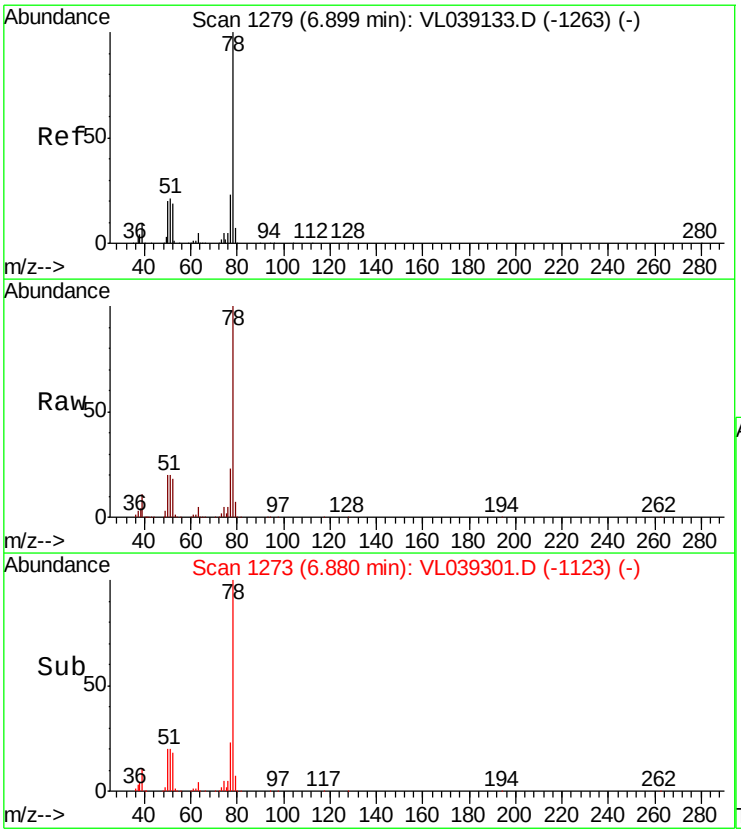
#35
Carbon Tetrachloride
Concen: 8.036 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:117 Resp: 2129234

Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.6	118.0
121	31.2	25.4	38.0

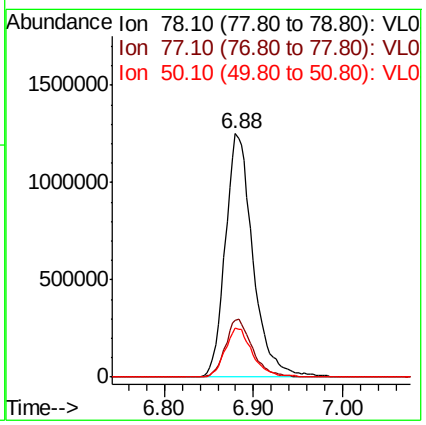


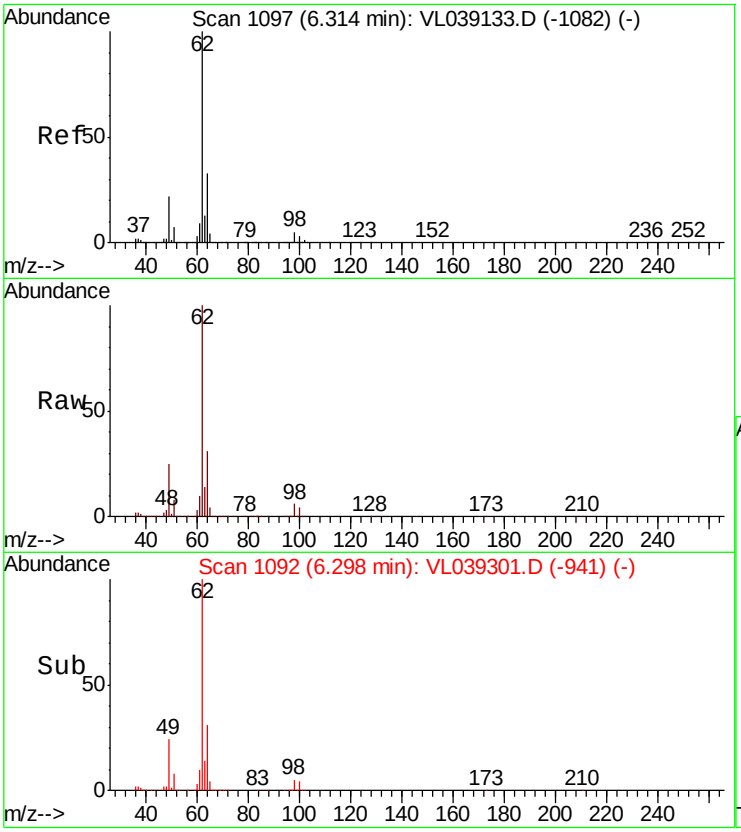


#36
Benzene
Concen: 9.099 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 78 Resp: 2681739

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8
50	20.1	15.8	23.8



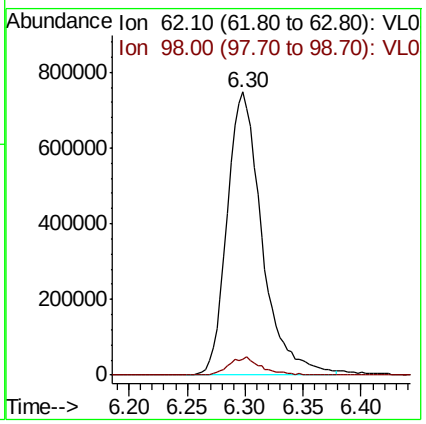


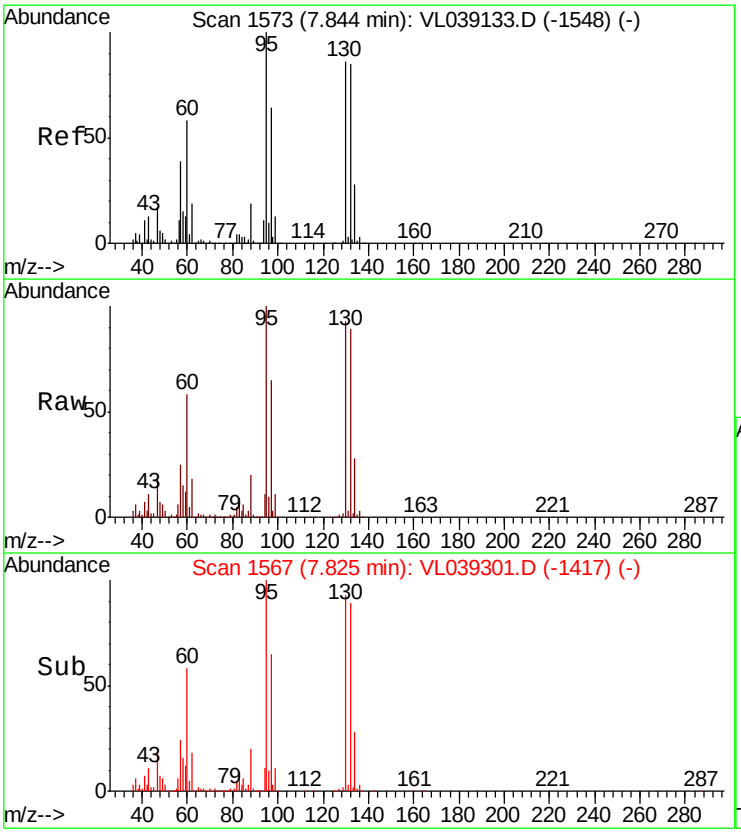
#37
1,2-Dichloroethane
Concen: 8.011 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 62 Resp: 1553918

Ion	Ratio	Lower	Upper
62	100		
98	6.1	4.3	6.5

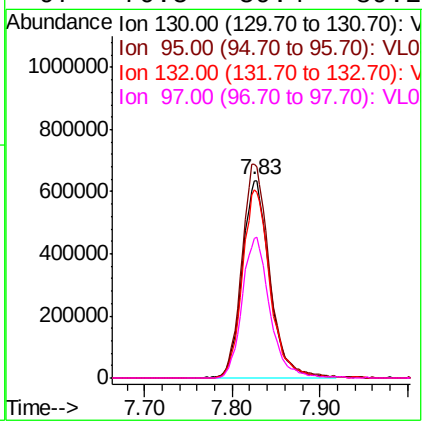


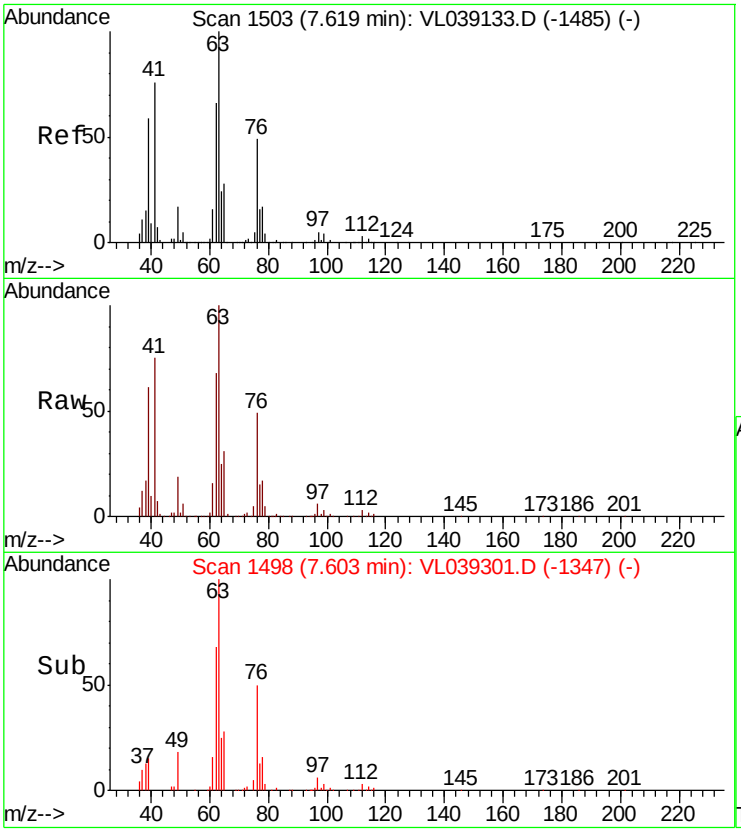


#38
Trichloroethene
Concen: 10.282 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:130 Resp: 1391958

Ion	Ratio	Lower	Upper
130	100		
95	107.9	93.3	139.9
132	95.6	79.0	118.4
97	70.5	59.4	89.2



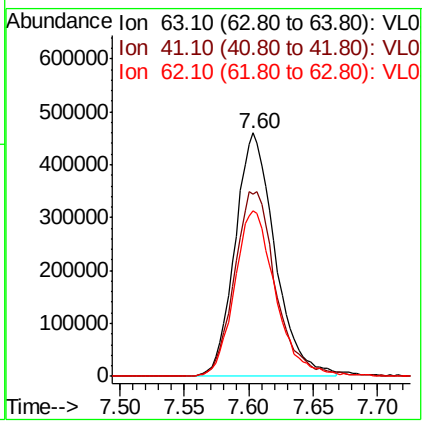


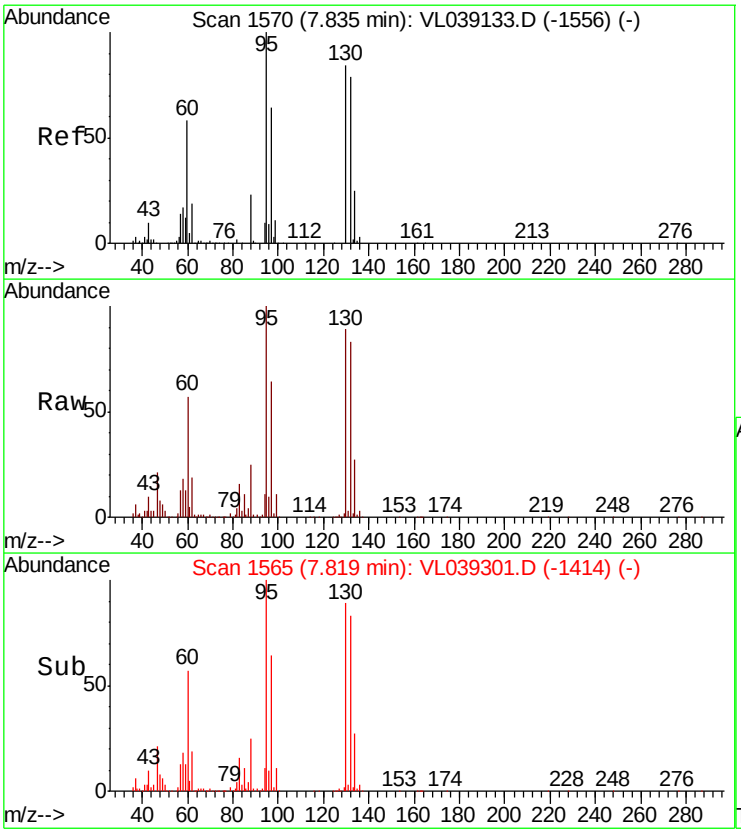
#39
1,2-Dichloropropane
Concen: 8.467 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 63 Resp: 992608

Ion	Ratio	Lower	Upper
63	100		
41	74.7	60.8	91.2
62	67.7	52.9	79.3

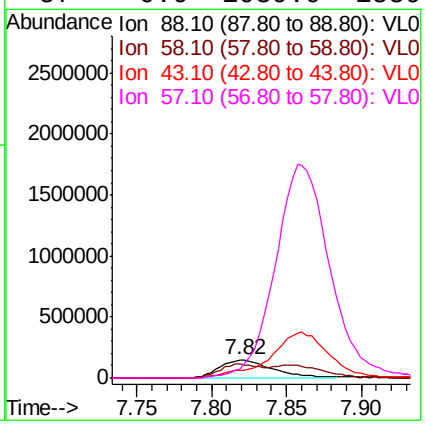


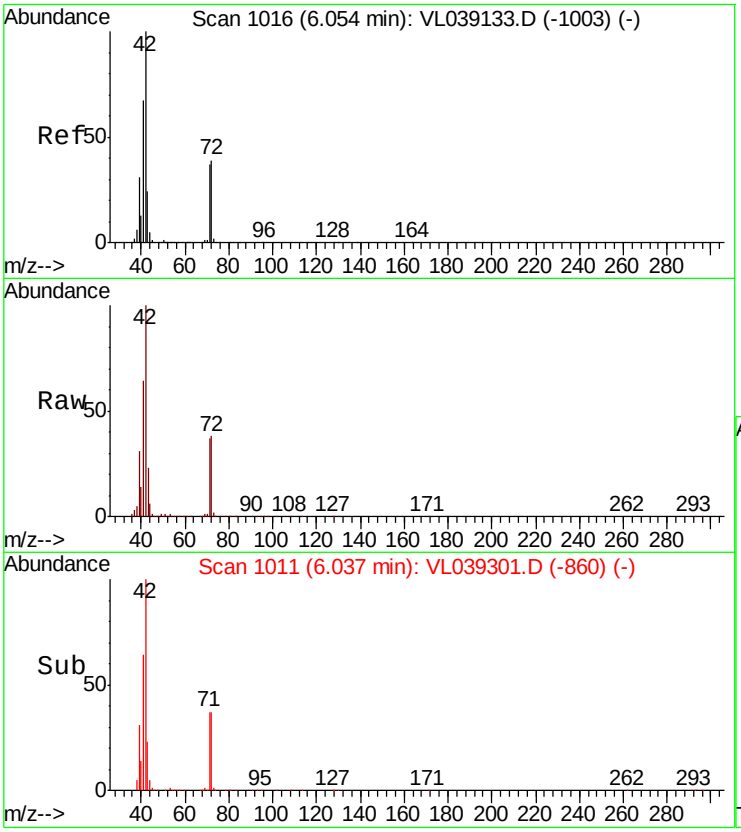


#40
1,4-Dioxane
Concen: 9.219 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 88 Resp: 355774

Ion	Ratio	Lower	Upper
88	100		
58	64.2	111.2	166.8#
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#



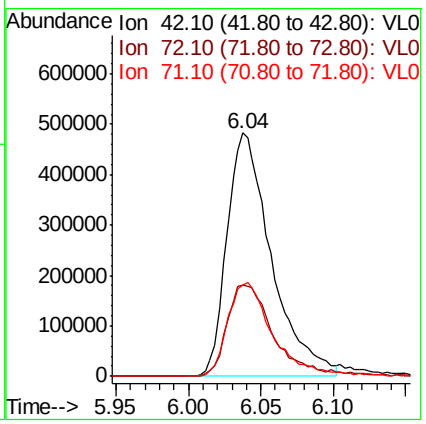


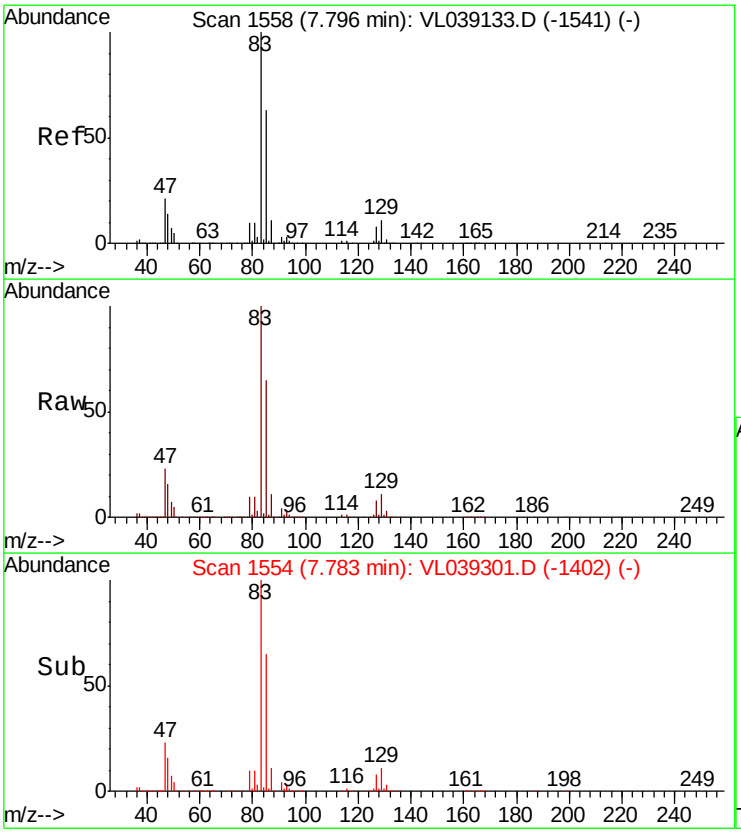
#41
Tetrahydrofuran
Concen: 8.657 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 42 Resp: 1026901

Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.0	48.0
71	39.7	31.1	46.7

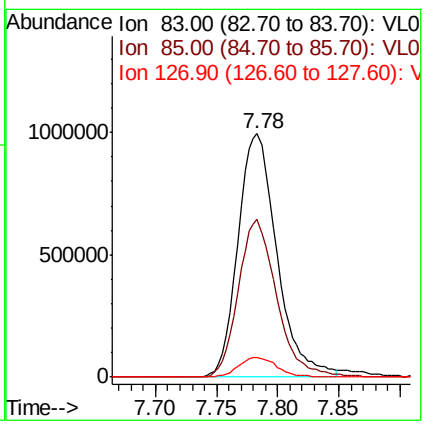


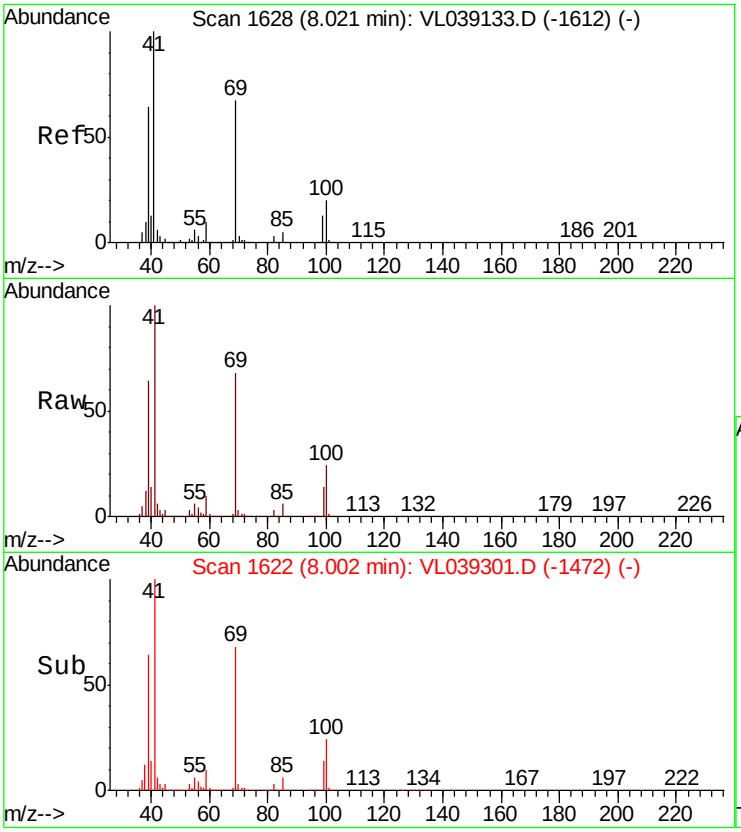


#42
Bromodichloromethane
Concen: 8.146 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 83 Resp: 2192698

Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4
127	8.2	6.6	9.8



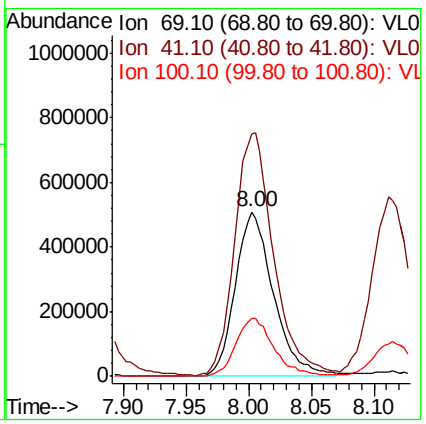


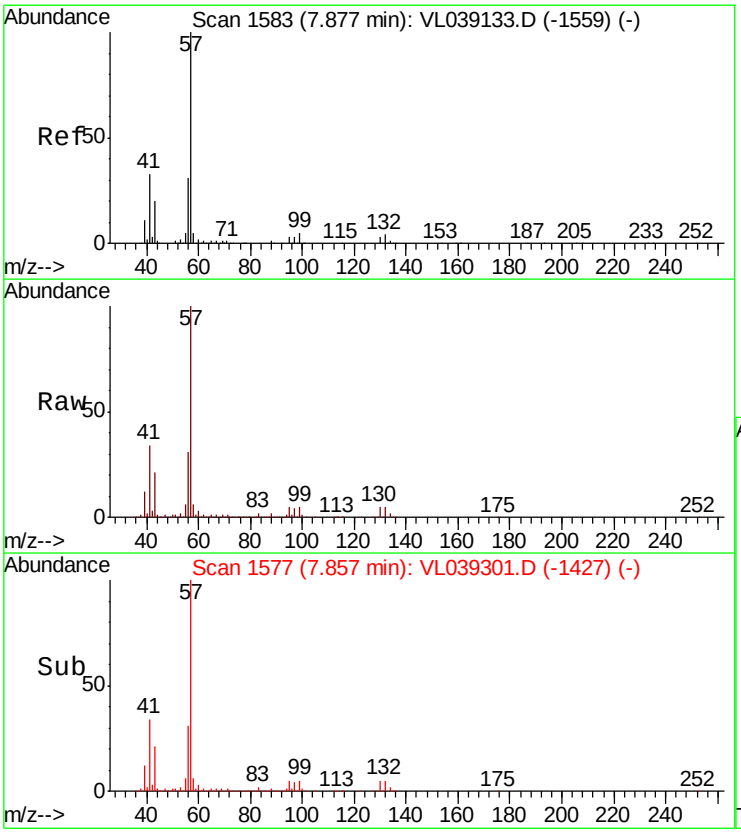
#43
Methyl Methacrylate
Concen: 9.358 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 69 Resp: 1074338

Ion	Ratio	Lower	Upper
69	100		
41	151.9	121.9	182.9
100	35.5	24.1	36.1

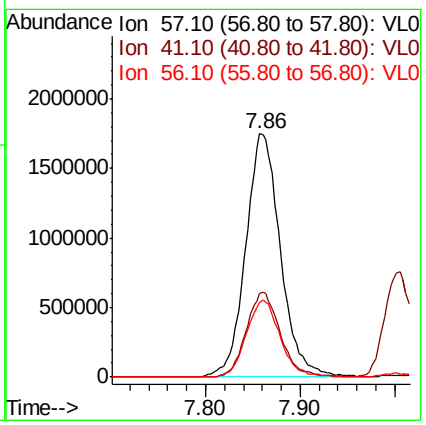


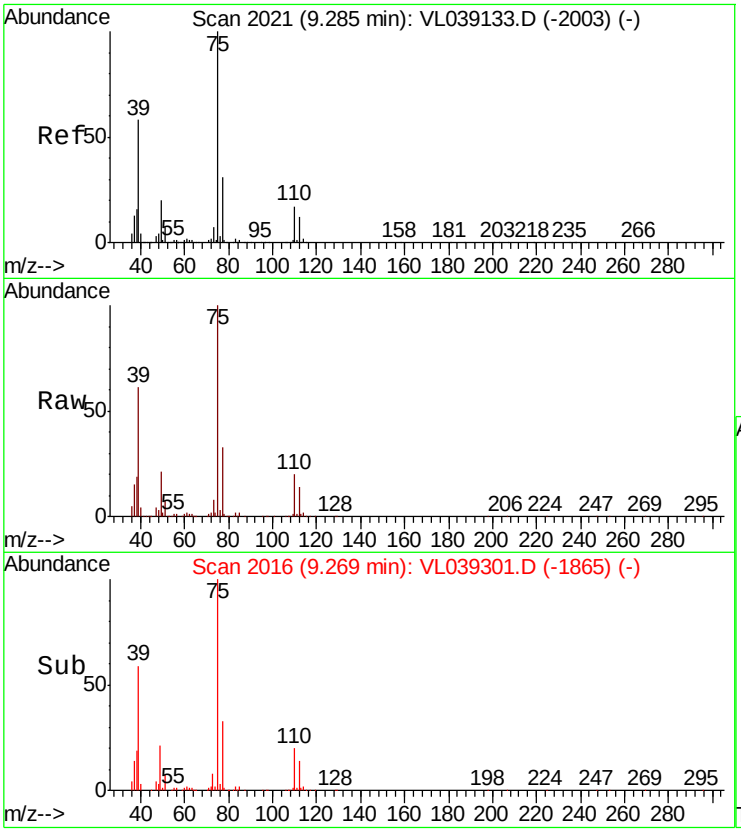


#44
2,2,4-Trimethylpentane
Concen: 8.635 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 57 Resp: 4452185

Ion	Ratio	Lower	Upper
57	100		
41	34.2	26.2	39.4
56	30.9	24.7	37.1



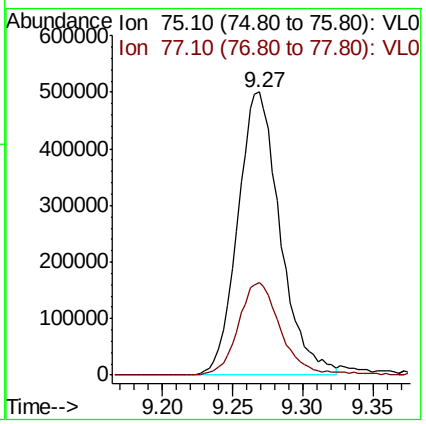


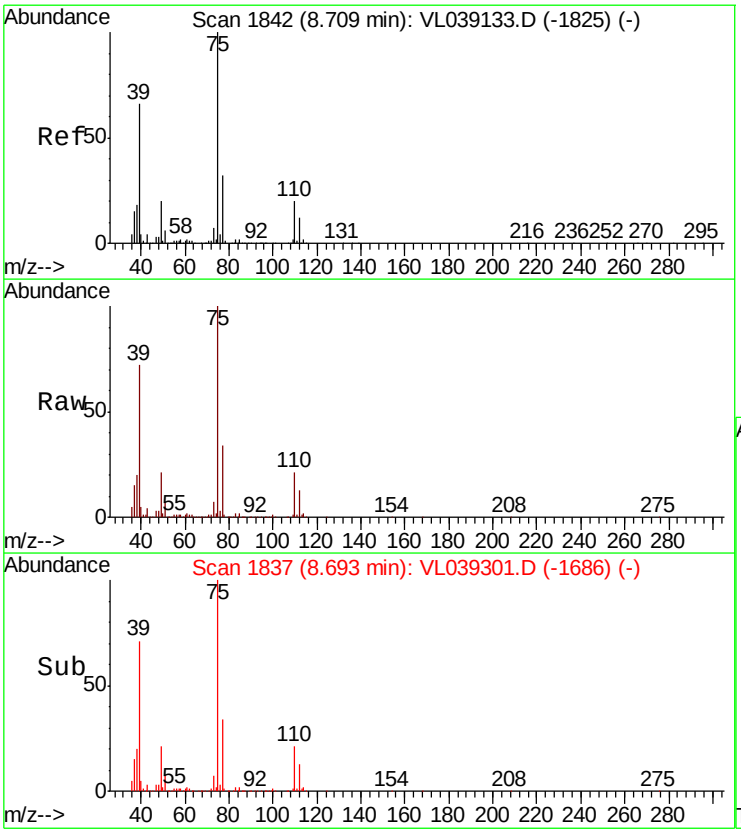
#45
t-1,3-Dichloropropene
Concen: 8.787 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 75 Resp: 1050612

Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.4	36.6

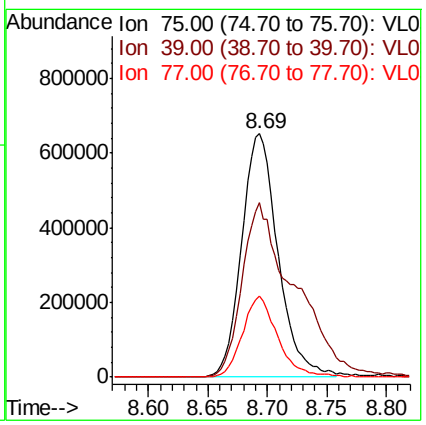


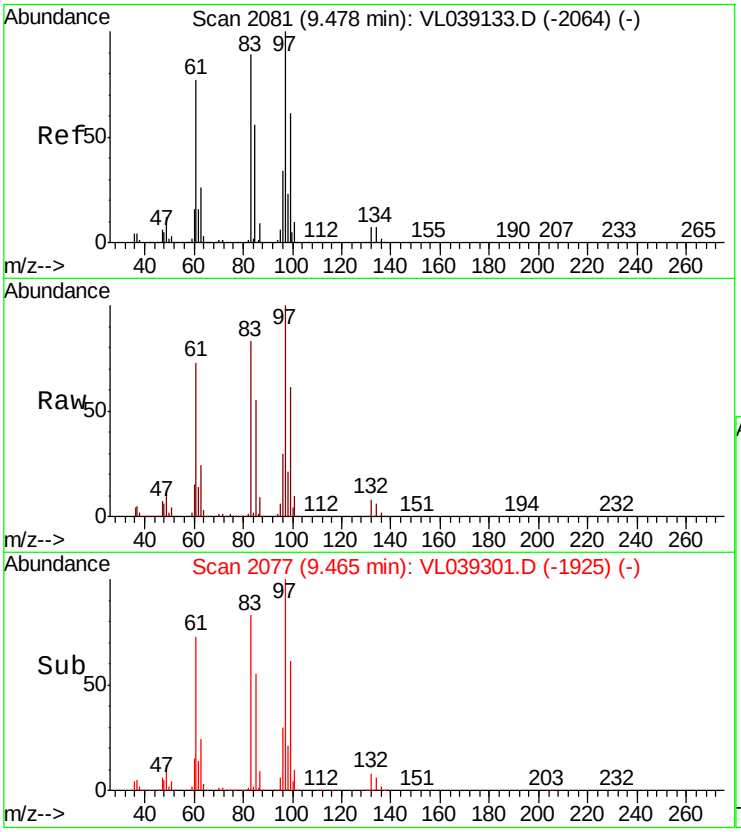


#46
cis-1,3-Dichloropropene
Concen: 8.722 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 75 Resp: 1377547

Ion	Ratio	Lower	Upper
75	100		
39	71.4	52.4	78.6
77	33.5	25.5	38.3



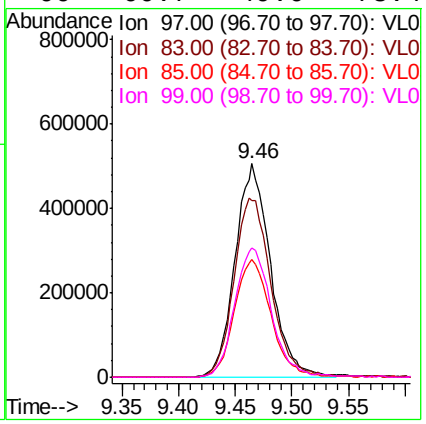


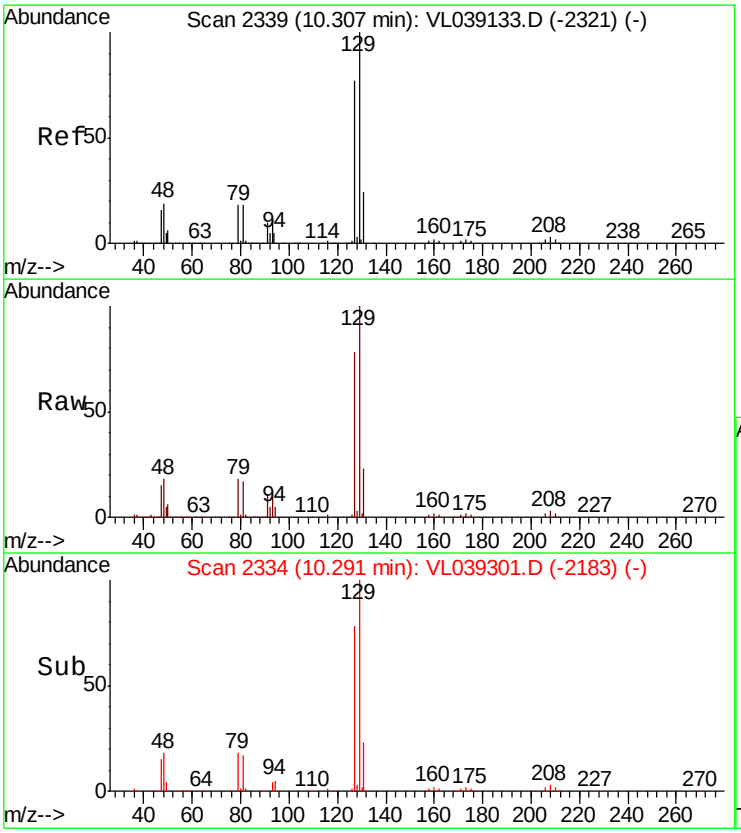
#47
1,1,2-Trichloroethane
Concen: 9.027 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 97 Resp: 1103999

Ion	Ratio	Lower	Upper
97	100		
83	82.5	71.6	107.4
85	54.9	44.8	67.2
99	60.7	49.0	73.4

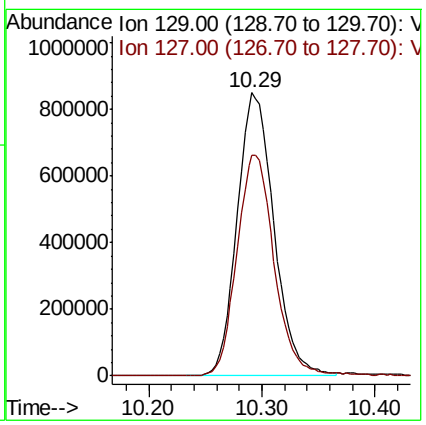


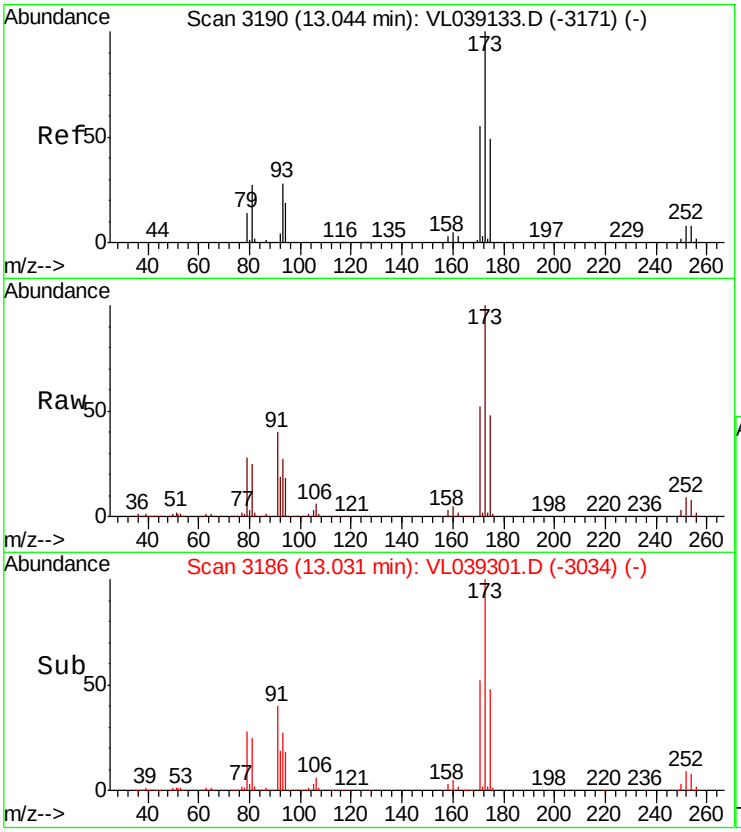


#48
Dibromochloromethane
Concen: 8.833 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:129 Resp: 1928833

Ion	Ratio	Lower	Upper
129	100		
127	80.1	40.0	119.9



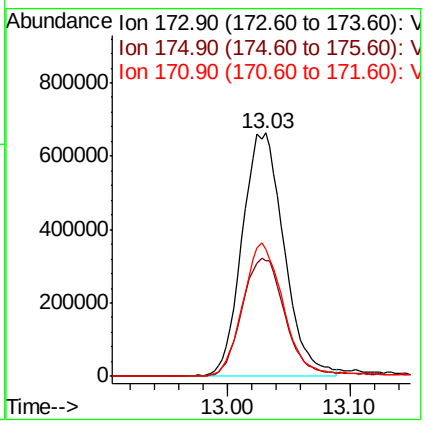


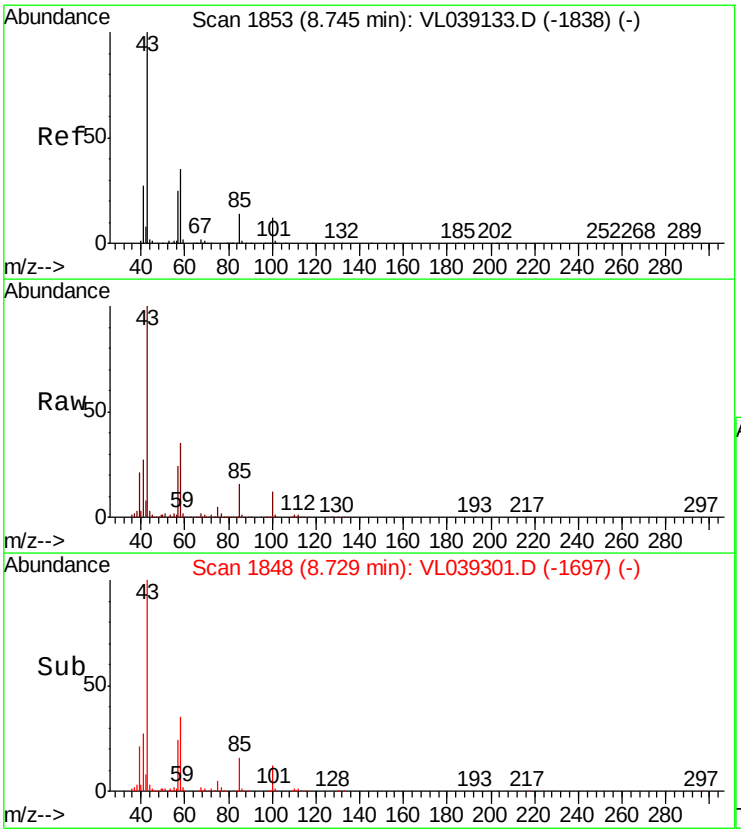
#49
Bromoform
Concen: 8.658 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:173 Resp: 1575718

Ion	Ratio	Lower	Upper
173	100		
175	51.2	40.2	60.2
171	53.2	43.9	65.9

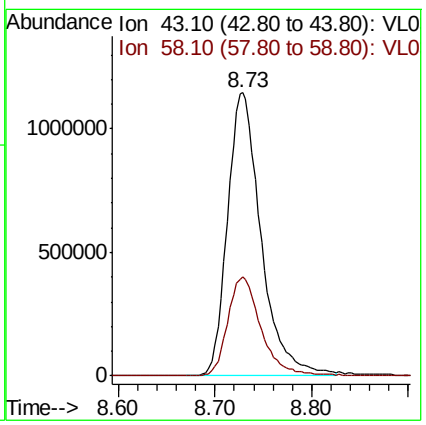


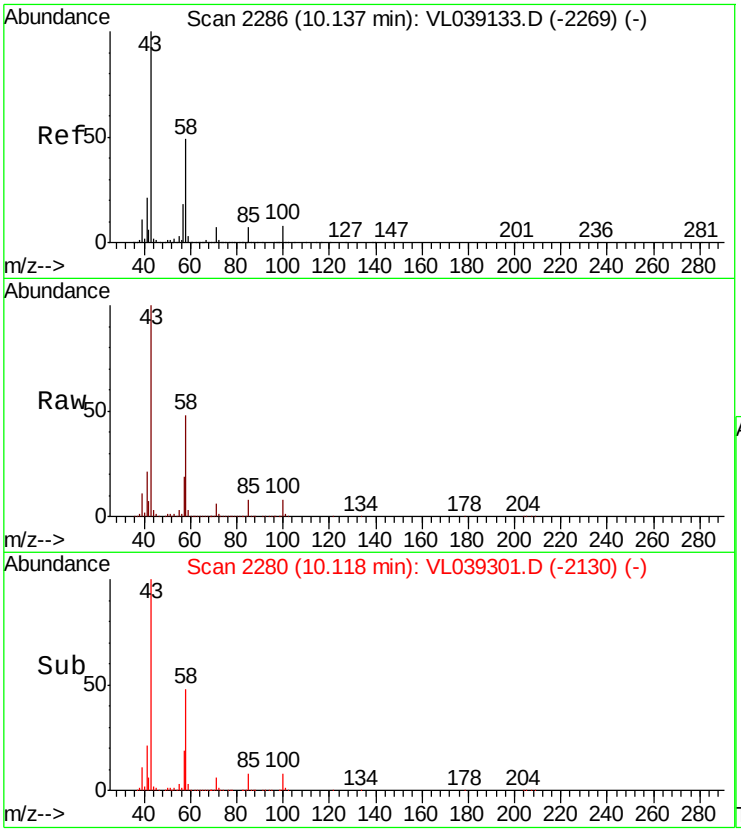


#50
4-Methyl-2-Pentanone
Concen: 9.364 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 43 Resp: 2764436

Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.7	43.1



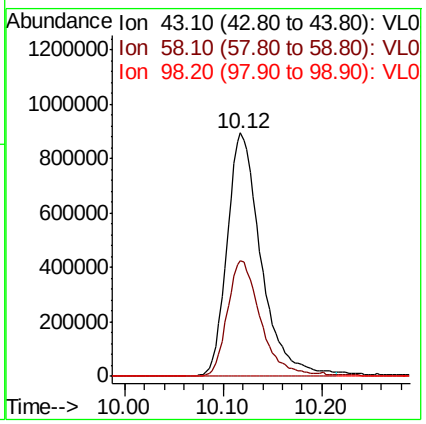


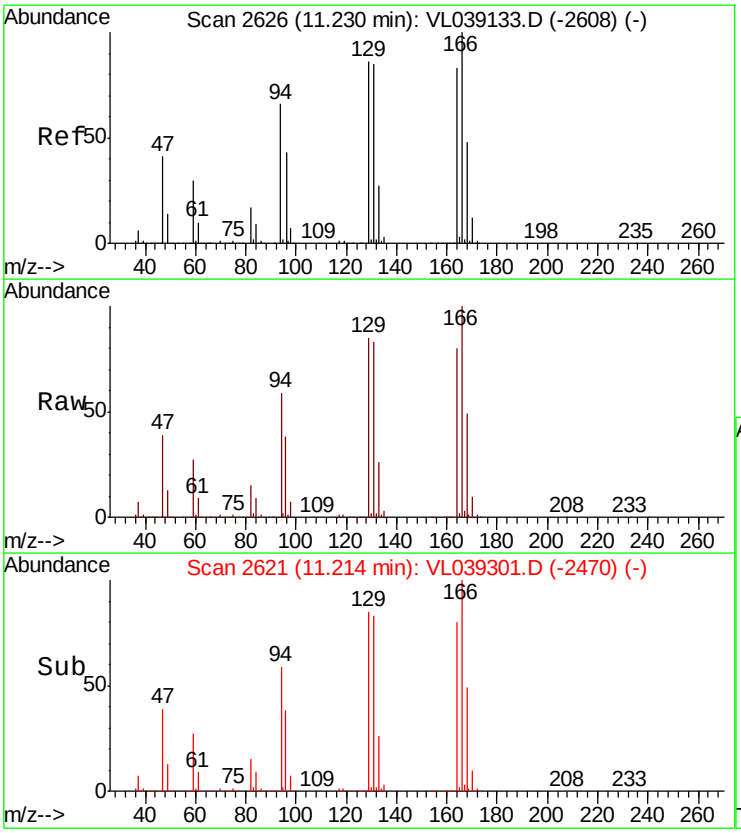
#51
2-Hexanone
Concen: 9.340 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 43 Resp: 2145624

Ion	Ratio	Lower	Upper
43	100		
58	47.7	40.0	60.0
98	0.3	0.1	0.1#

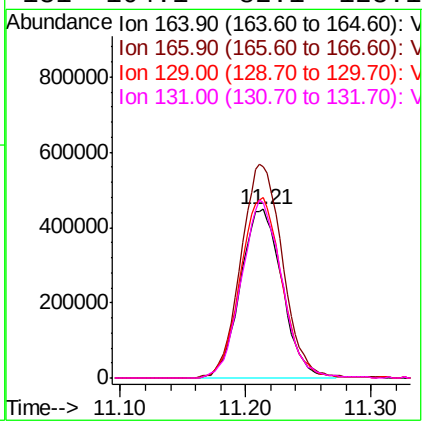


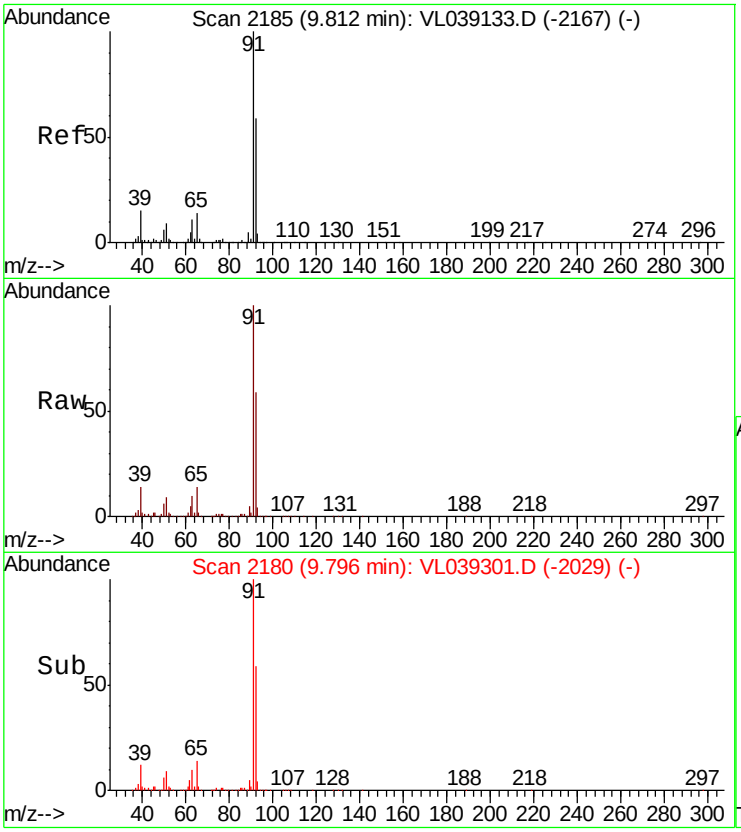


#52
Tetrachloroethene
Concen: 8.988 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:164 Resp: 1034266

Ion	Ratio	Lower	Upper
164	100		
166	125.3	96.3	144.5
129	106.8	82.5	123.7
131	104.1	82.1	123.1



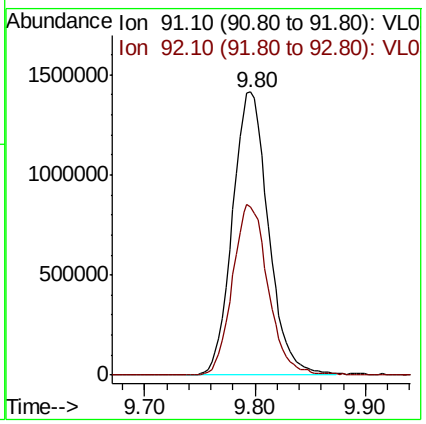


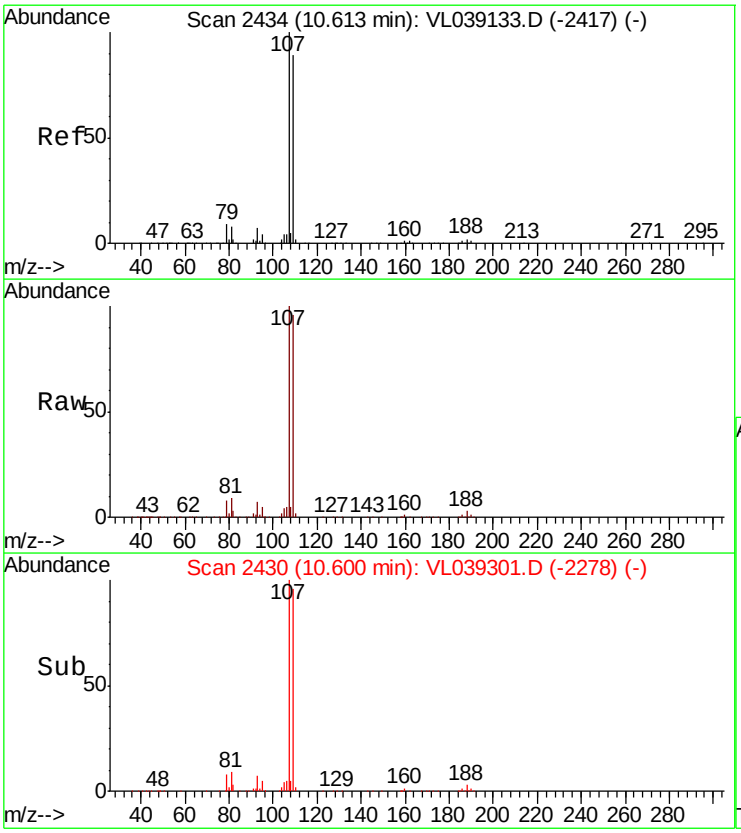
#53
Toluene
Concen: 9.399 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 91 Resp: 3189635

Ion	Ratio	Lower	Upper
91	100		
92	60.3	48.1	72.1

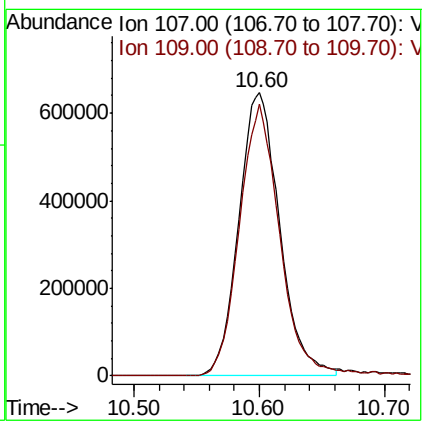


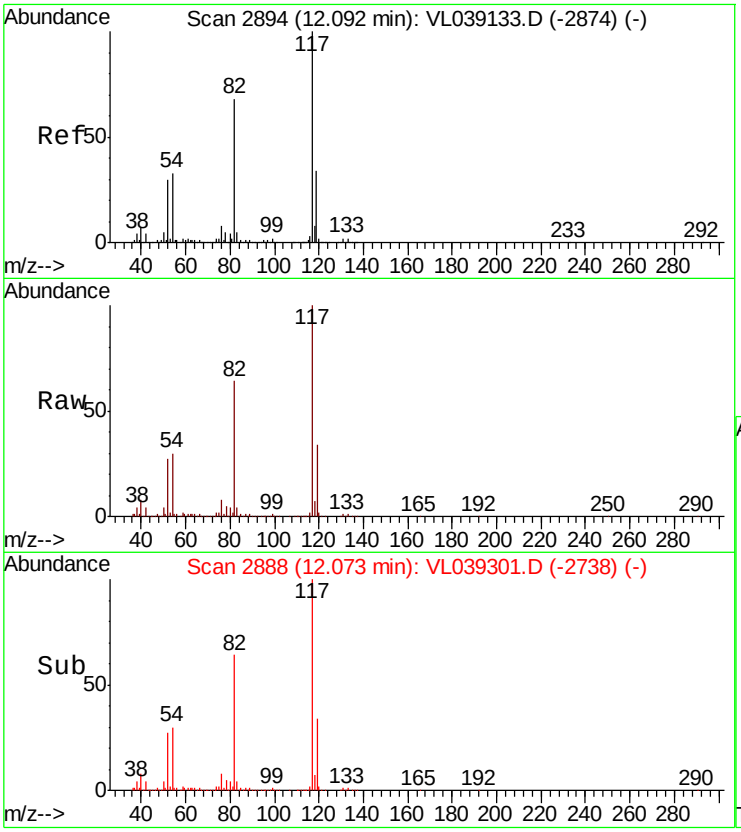


#54
1,2-Dibromoethane
Concen: 8.923 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:107 Resp: 1466448

Ion	Ratio	Lower	Upper
107	100		
109	96.0	71.4	107.0



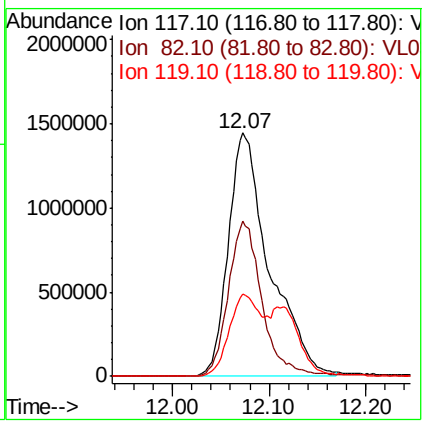


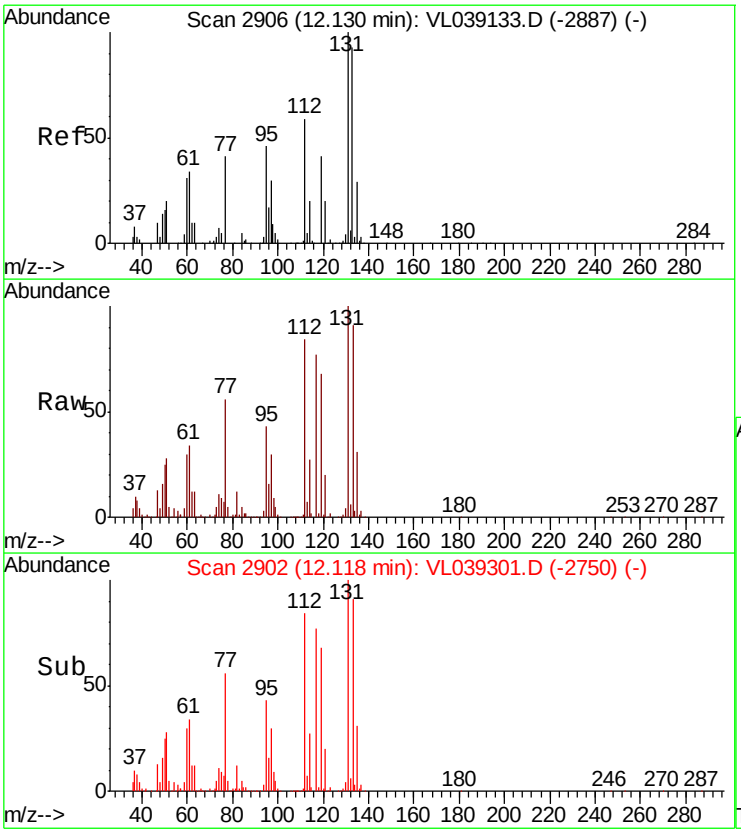
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:117 Resp: 4273340

Ion	Ratio	Lower	Upper
117	100		
82	52.2	55.1	82.7#
119	25.3	24.7	37.1

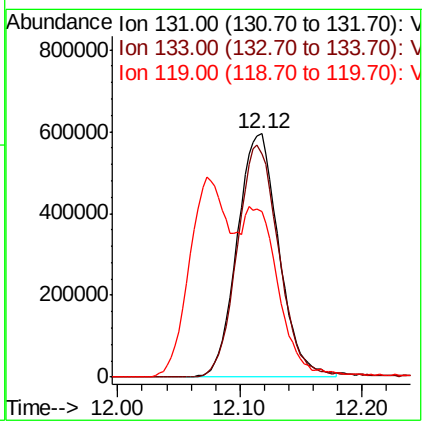


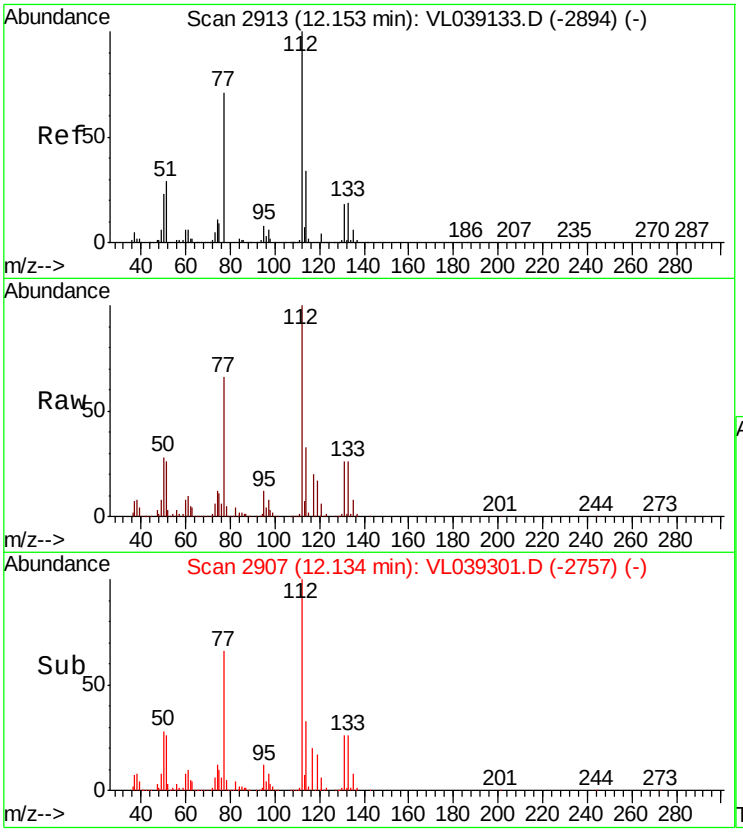


#56
1,1,1,2-Tetrachloroethane
Concen: 6.932 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:131 Resp: 1401748

Ion	Ratio	Lower	Upper
131	100		
133	96.2	78.6	117.8
119	66.2	51.7	77.5



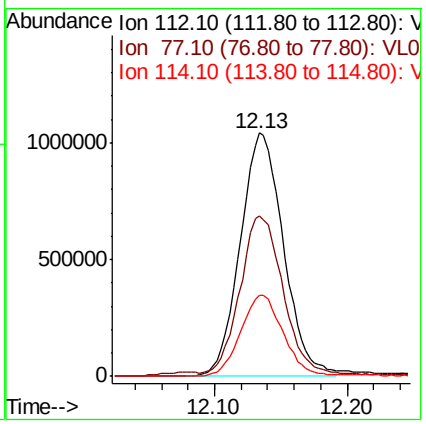


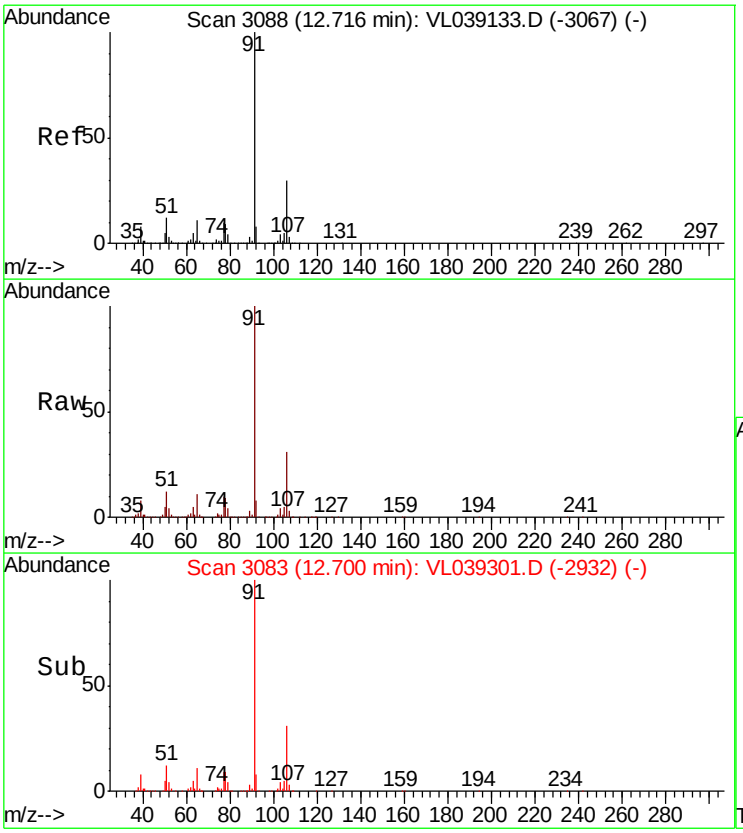
#57
Chlorobenzene
Concen: 7.341 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:112 Resp: 2360405

Ion	Ratio	Lower	Upper
112	100		
77	64.6	56.5	84.7
114	33.2	30.3	37.1

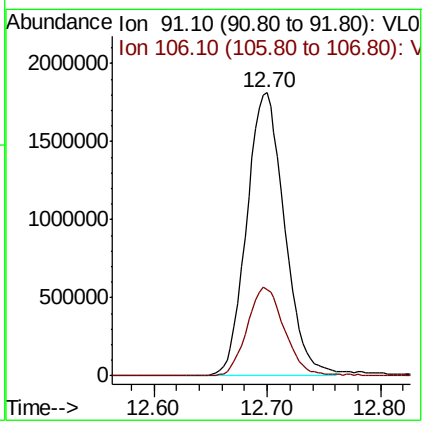


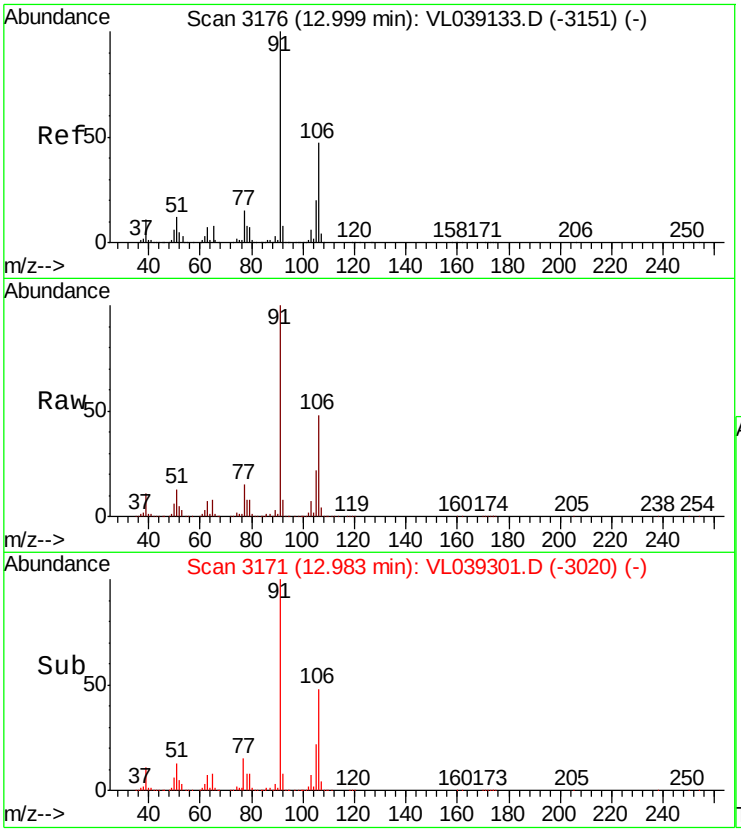


#58
Ethyl Benzene
Concen: 7.173 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 91 Resp: 4222177

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.2	36.4



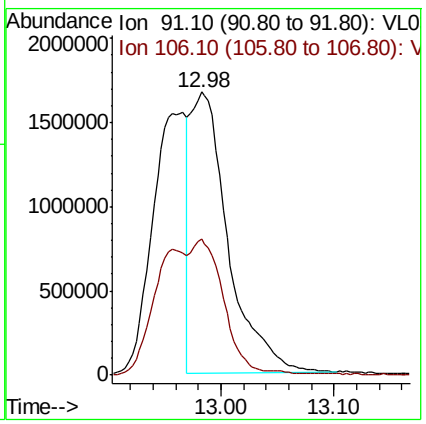


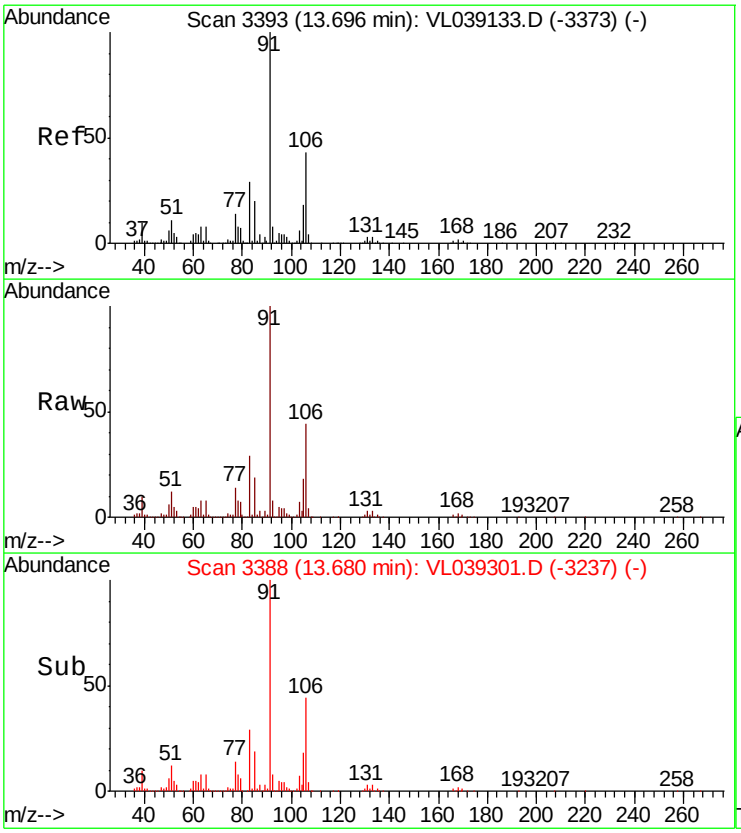
#59
m/p-Xylene
Concen: 7.386 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 91 Resp: 3828337

Ion	Ratio	Lower	Upper
91	100		
106	84.0	34.3	51.5#

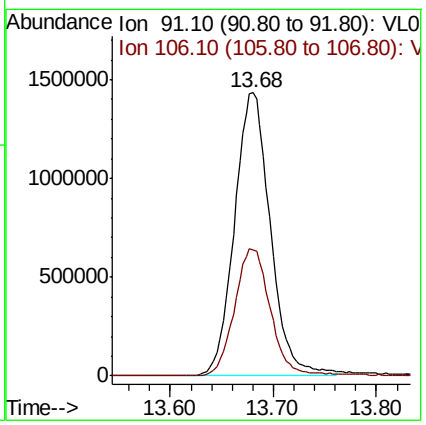


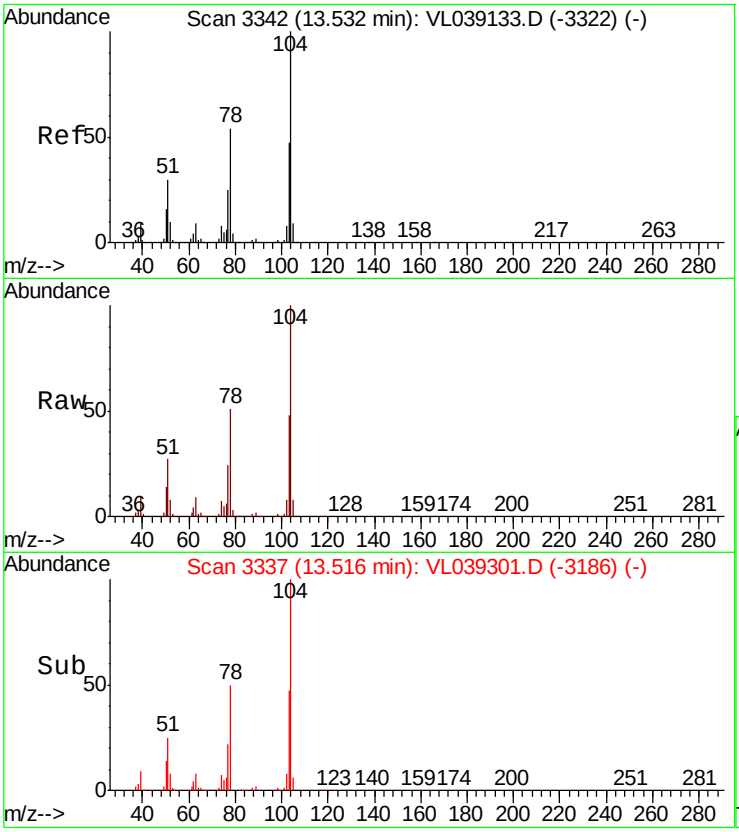


#60
o-Xylene
Concen: 7.110 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 91 Resp: 3463105

Ion	Ratio	Lower	Upper
91	100		
106	45.7	22.3	66.9



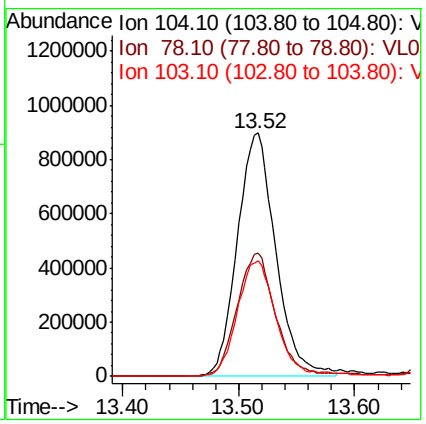


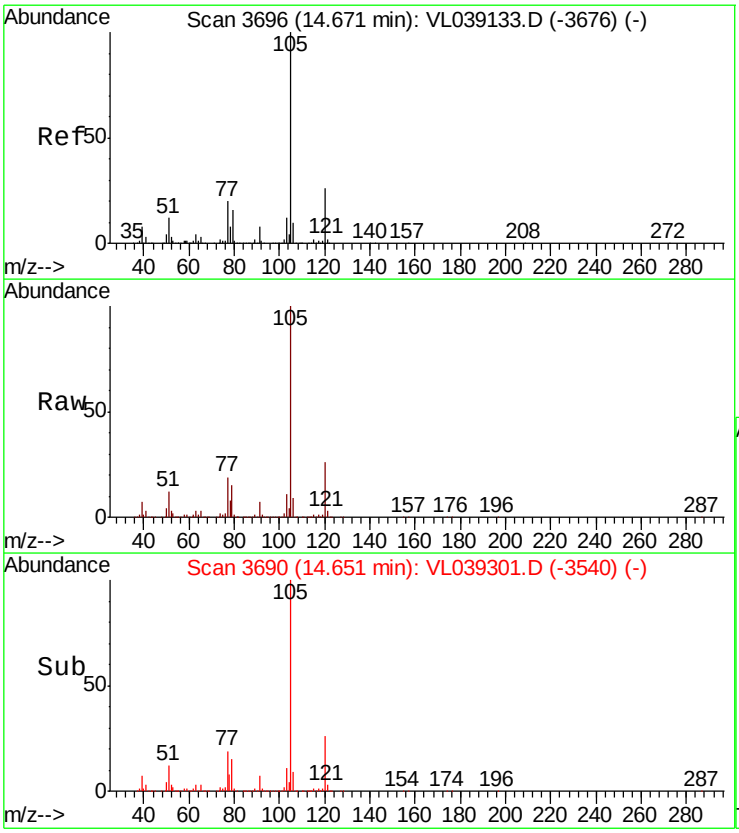
#61
Stvrene
Concen: 7.934 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:104 Resp: 2069309

Ion	Ratio	Lower	Upper
104	100		
78	51.7	45.7	68.5
103	48.7	39.6	59.4

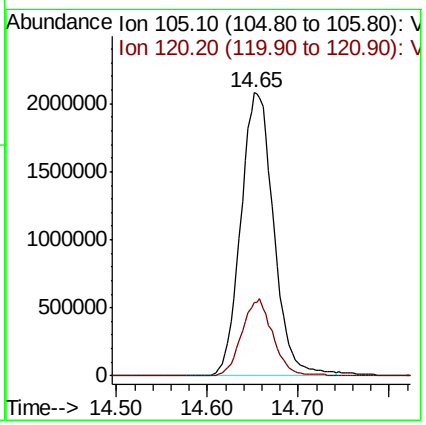


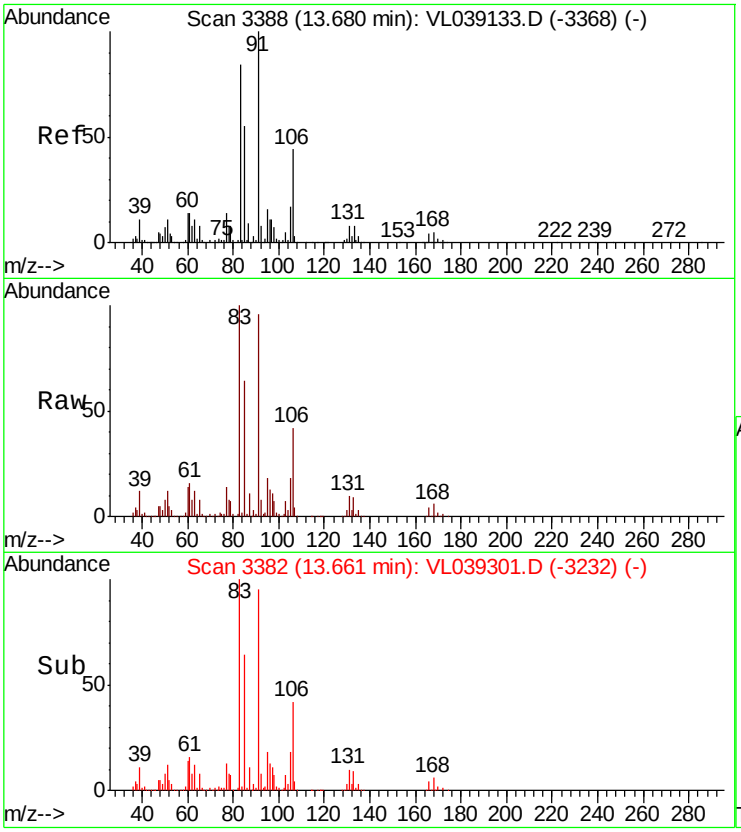


#62
Isopropylbenzene
Concen: 7.212 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:105 Resp: 5220895

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.3	30.5



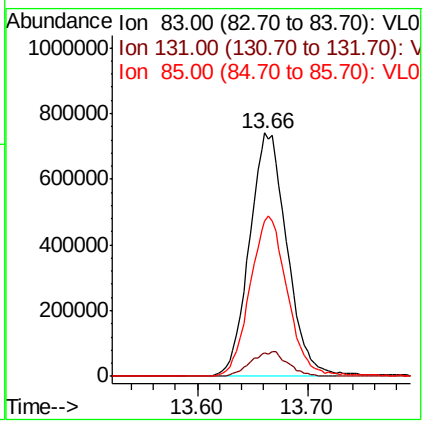


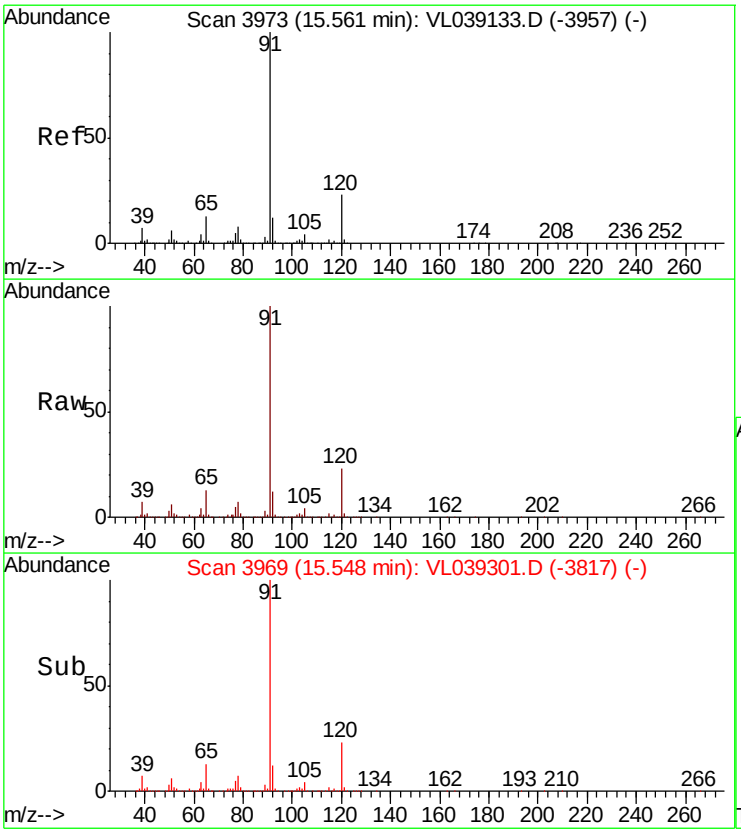
#63
1,1,2,2-Tetrachloroethane
Concen: 6.359 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 83 Resp: 1738553

Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.8	14.3
85	66.5	33.0	99.0

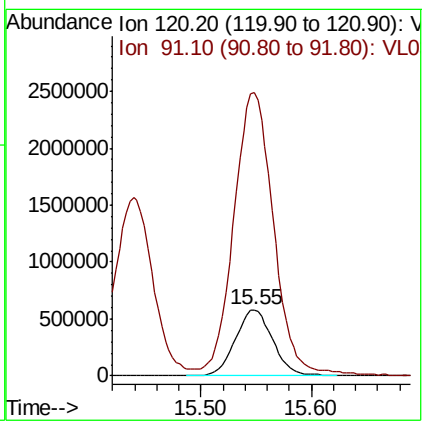


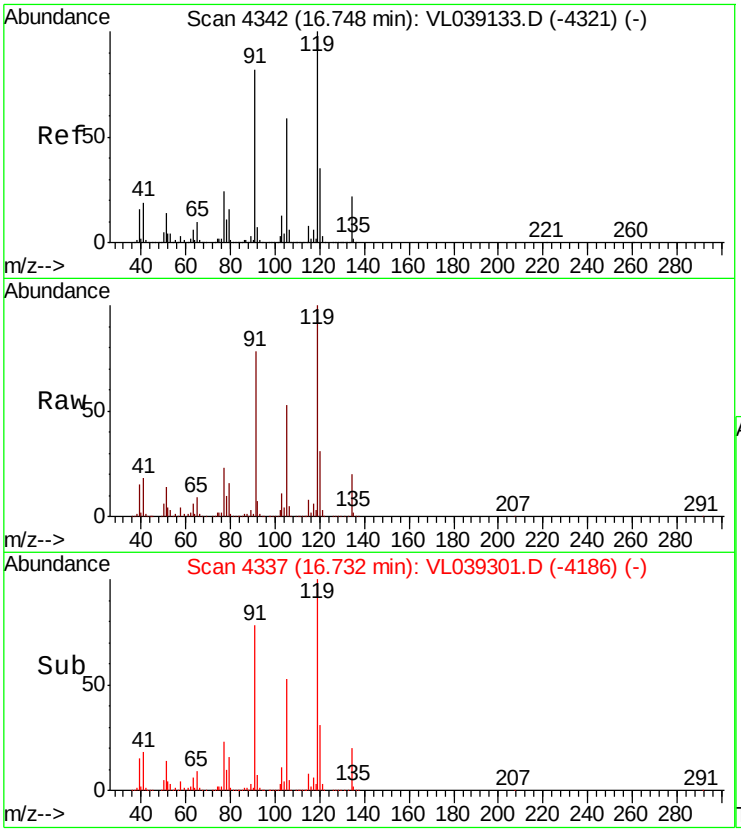


#64
n-propylbenzene
Concen: 7.679 ppbv
RT: 15.55 min Scan# 3969
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:120 Resp: 1366623

Ion	Ratio	Lower	Upper
120	100		
91	458.2	388.4	582.6



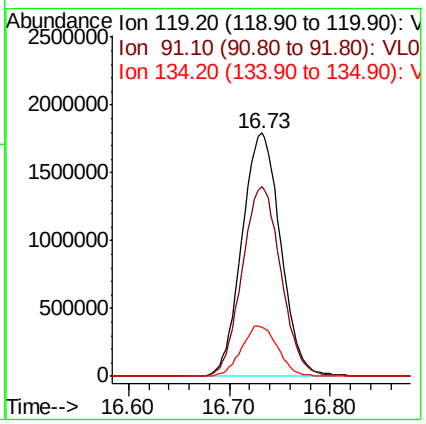


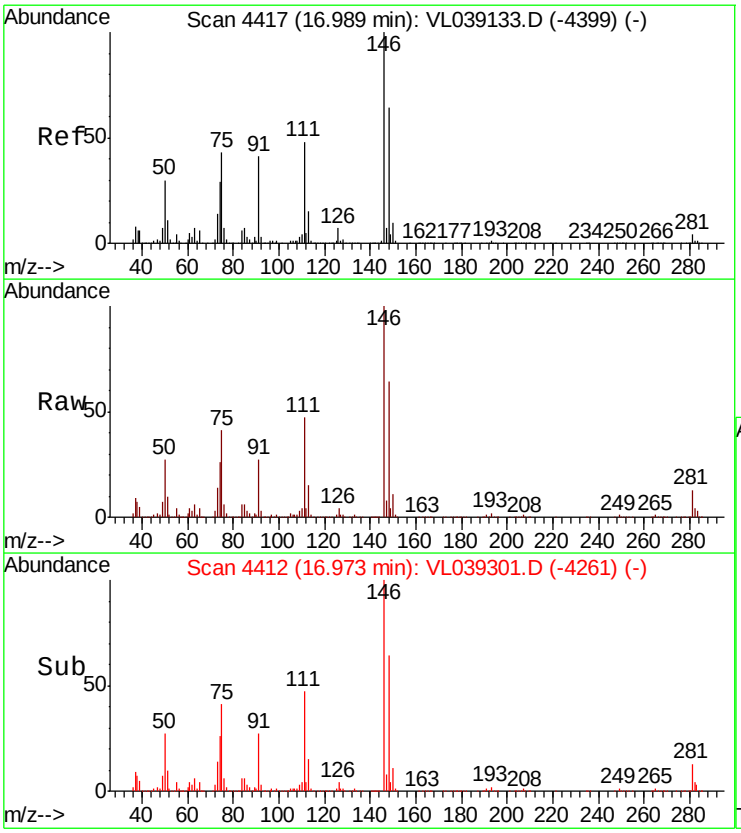
#65
tert-Butylbenzene
Concen: 7.202 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:119 Resp: 4767724

Ion	Ratio	Lower	Upper
119	100		
91	78.7	67.1	100.7
134	19.7	15.8	23.8

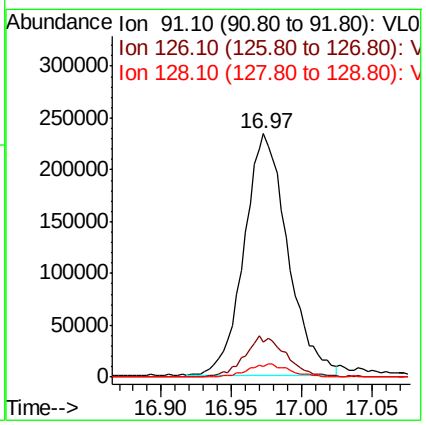


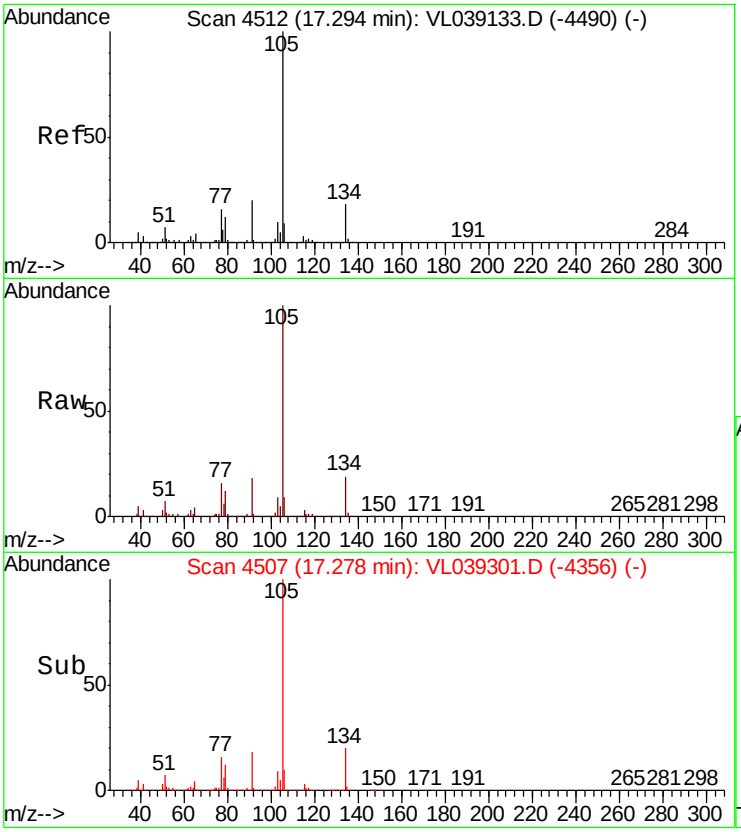


#66
Benzyl Chloride
Concen: 5.858 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 91 Resp: 504196

Ion	Ratio	Lower	Upper
91	100		
126	16.3	13.4	20.0
128	5.6	4.1	6.1



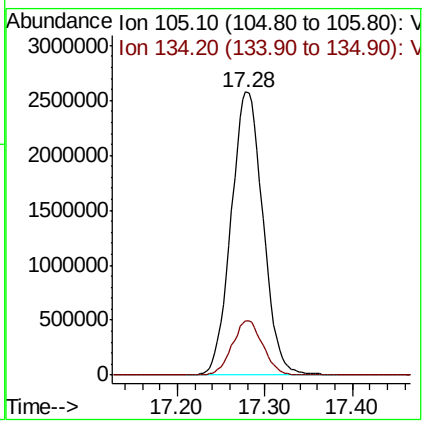


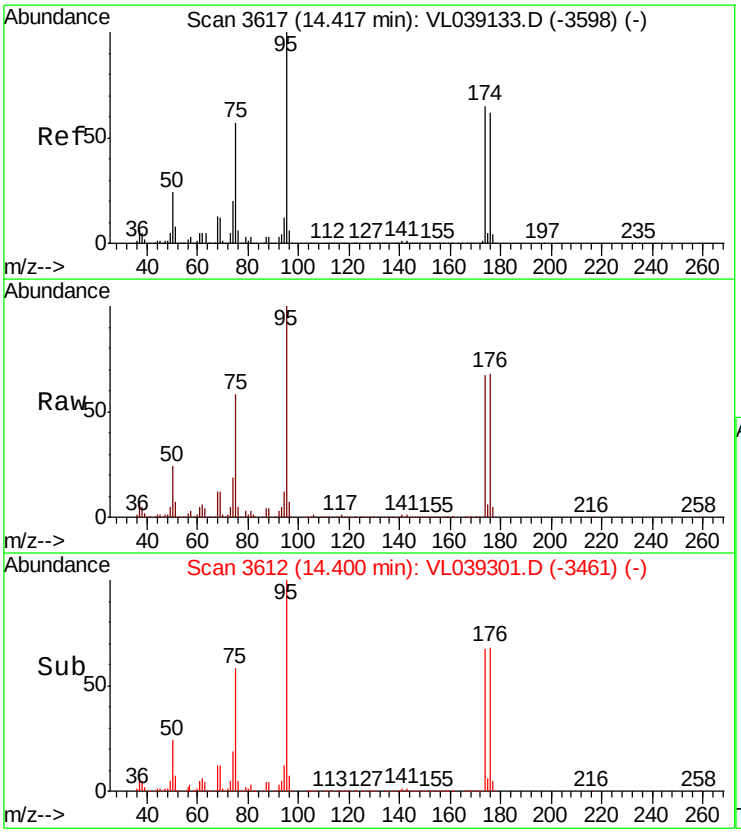
#67
sec-Butylbenzene
Concen: 7.196 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:105 Resp: 6499665

Ion	Ratio	Lower	Upper
105	100		
134	18.7	14.4	21.6

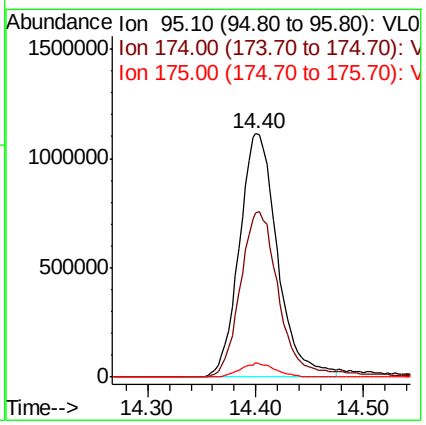


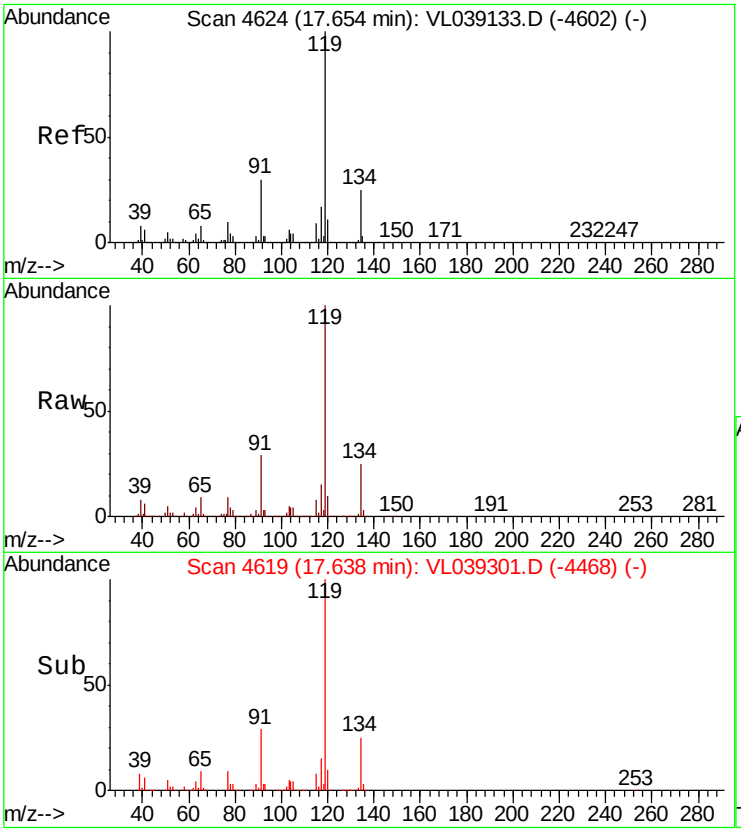


#68
1-Bromo-4-Fluorobenzene
Concen: 7.730 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 95 Resp: 2731005

Ion	Ratio	Lower	Upper
95	100		
174	70.5	53.8	80.8
175	5.5	4.1	6.1



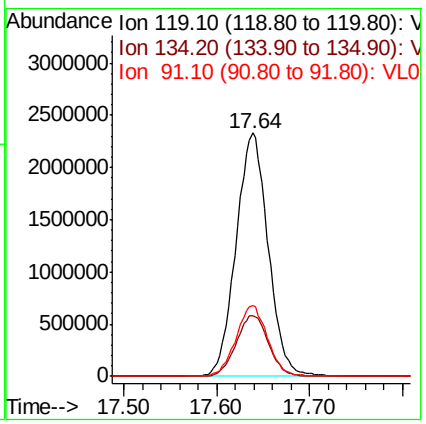


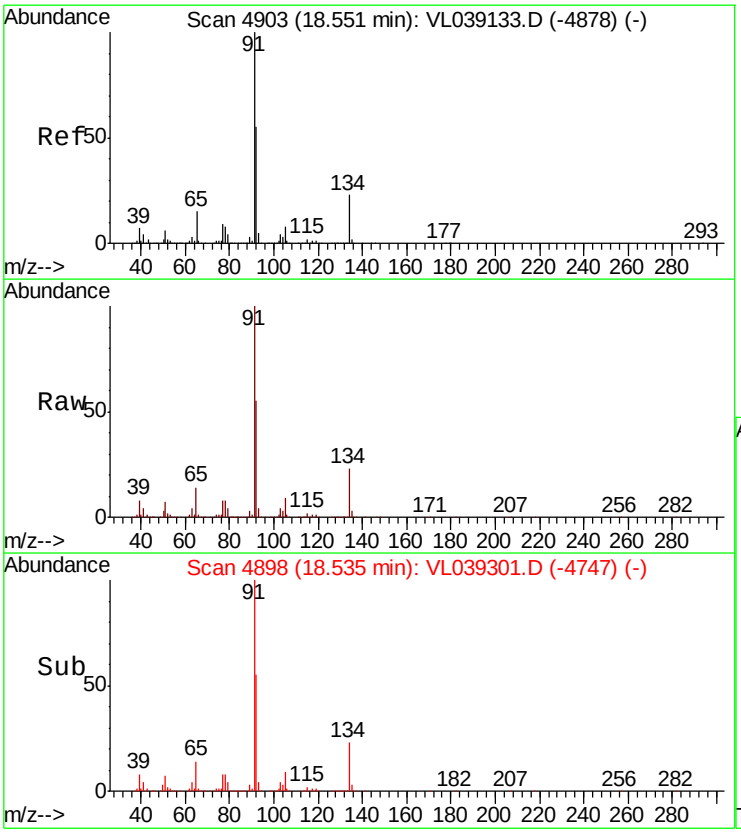
#69
p-Isopropyltoluene
Concen: 7.333 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:119 Resp: 5588107

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.4	30.6
91	28.6	24.2	36.4

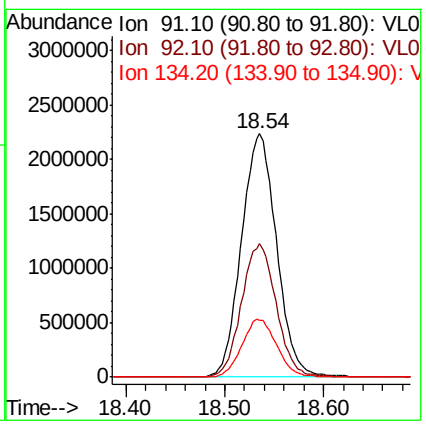


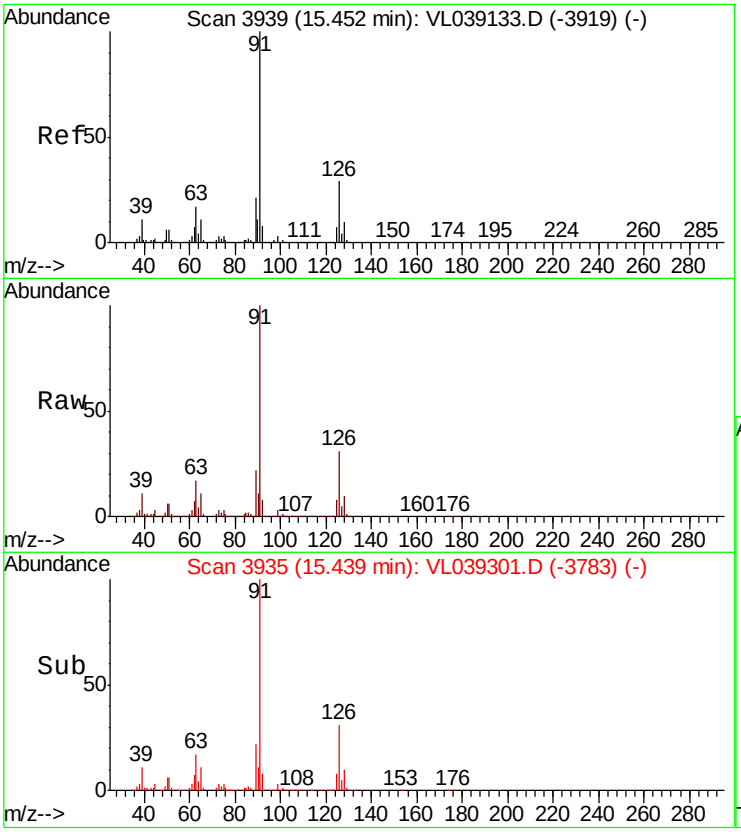


#70
n-Butylbenzene
Concen: 7.024 ppbv
RT: 18.54 min Scan# 4898
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 91 Resp: 5494433

Ion	Ratio	Lower	Upper
91	100		
92	54.4	43.6	65.4
134	23.6	17.7	26.5



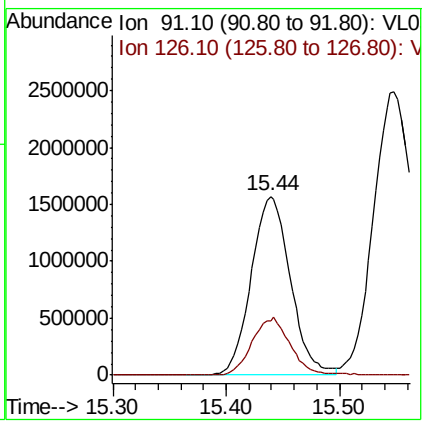


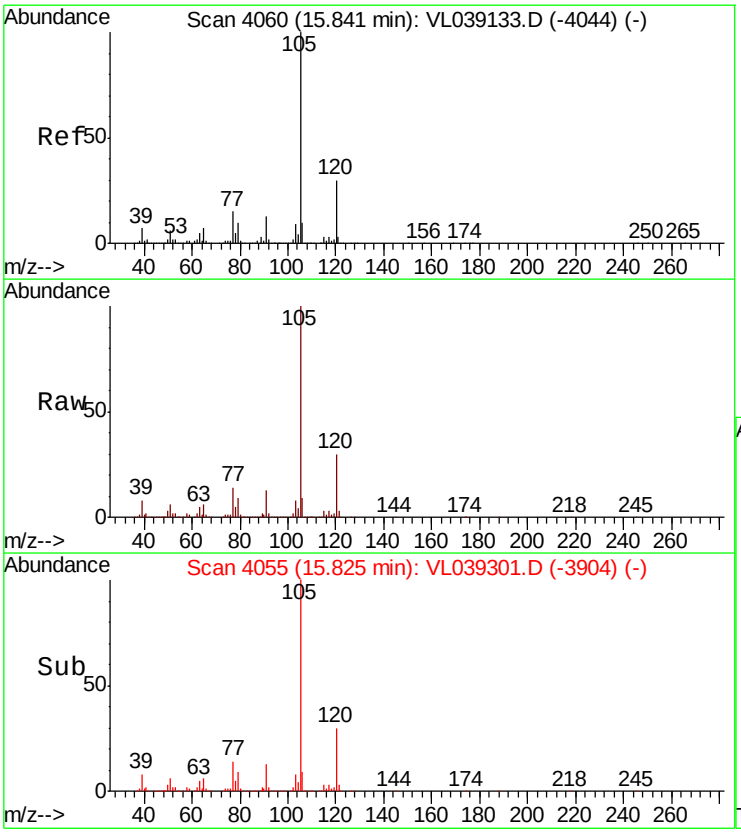
#71
2-Chlorotoluene
Concen: 6.841 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 91 Resp: 3776548

Ion	Ratio	Lower	Upper
91	100		
126	32.1	12.2	48.6

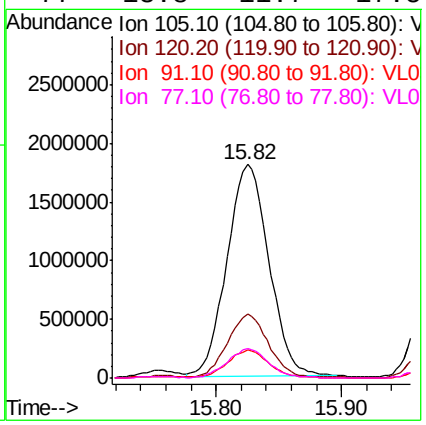


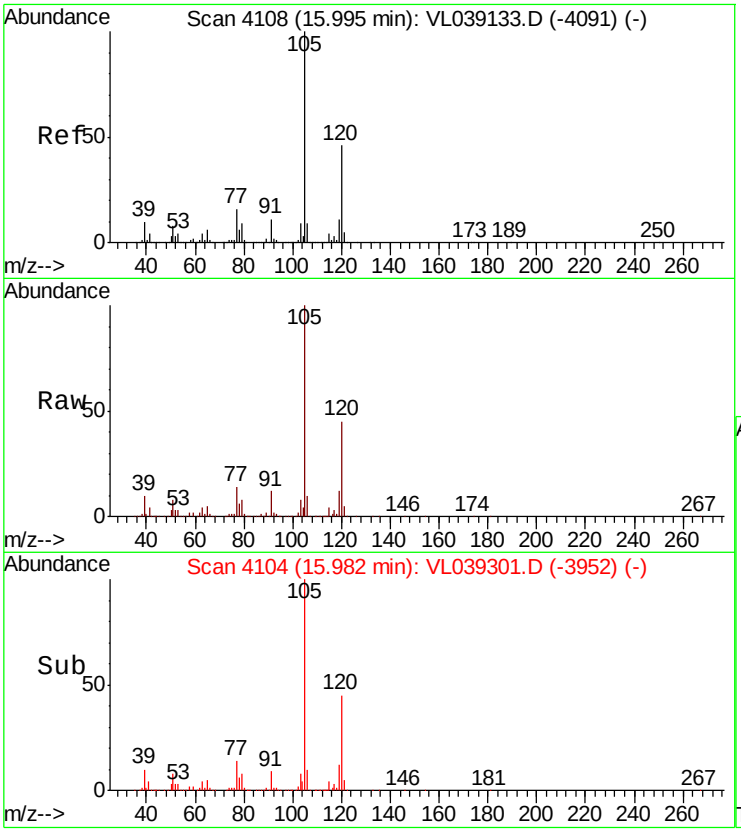


#72
4-Ethyltoluene
Concen: 7.362 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:105 Resp: 4202470

Ion	Ratio	Lower	Upper
105	100		
120	30.0	23.9	35.9
91	12.8	10.6	16.0
77	13.8	11.7	17.5



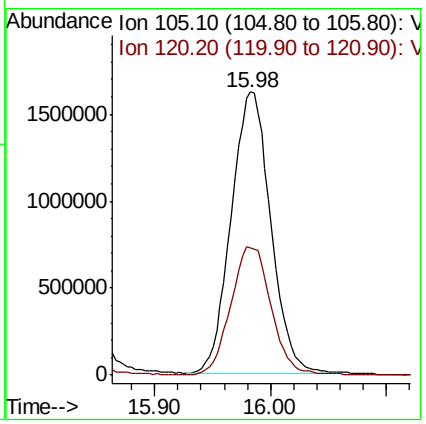


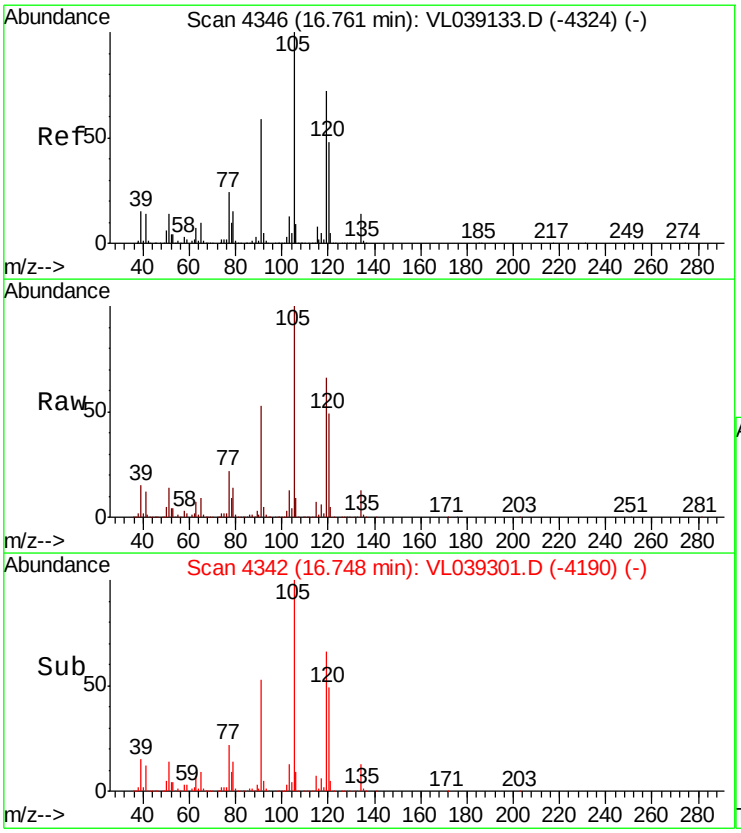
#73
1,3,5-Trimethylbenzene
Concen: 7.421 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:105 Resp: 3821116

Ion	Ratio	Lower	Upper
105	100		
120	44.8	36.7	55.1

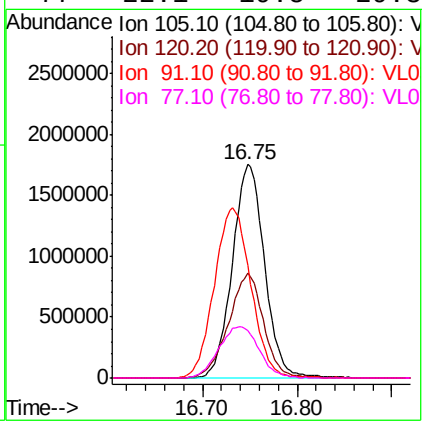


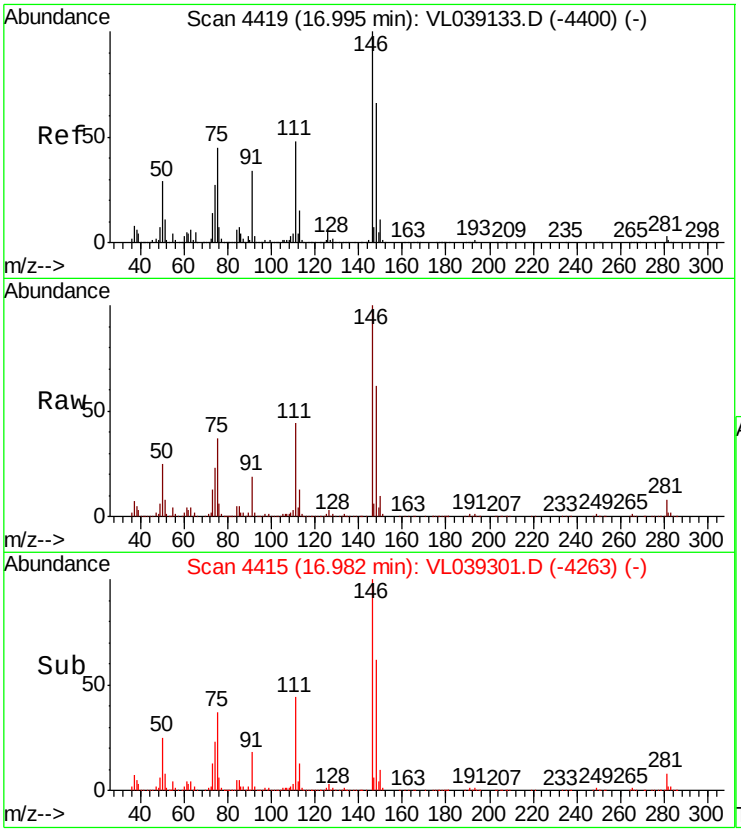


#74
1,2,4-Trimethylbenzene
Concen: 7.219 ppbv
RT: 16.75 min Scan# 4342
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:105 Resp: 4147800

Ion	Ratio	Lower	Upper
105	100		
120	48.9	38.1	57.1
91	52.3	47.4	71.0
77	22.1	19.5	29.3



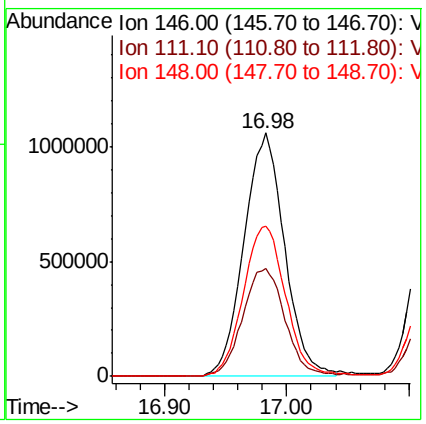


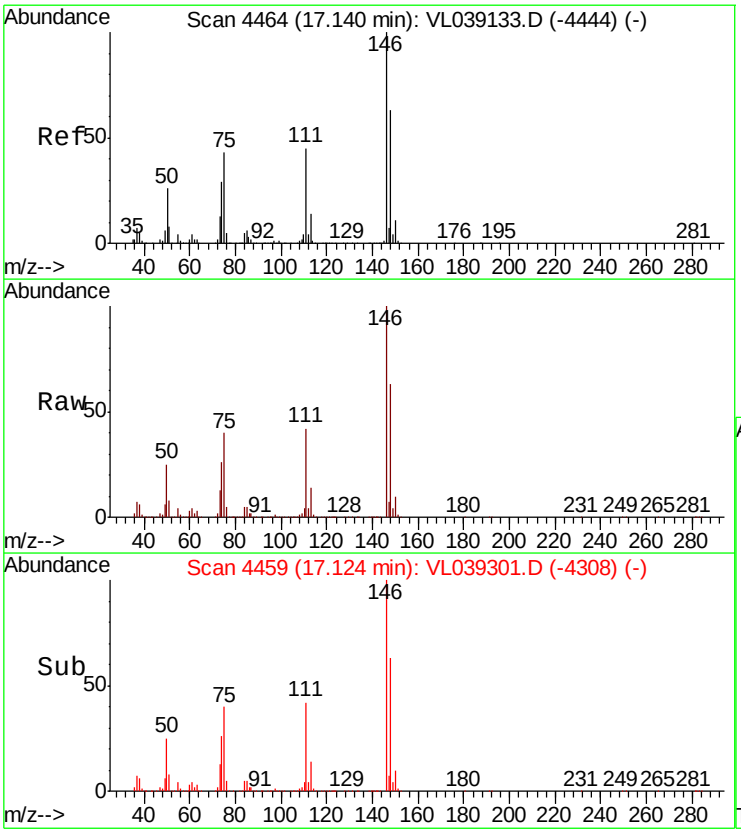
#75
1,3-Dichlorobenzene
Concen: 7.480 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:146 Resp: 2432825

Ion	Ratio	Lower	Upper
146	100		
111	46.7	23.8	71.4
148	64.7	32.4	97.0

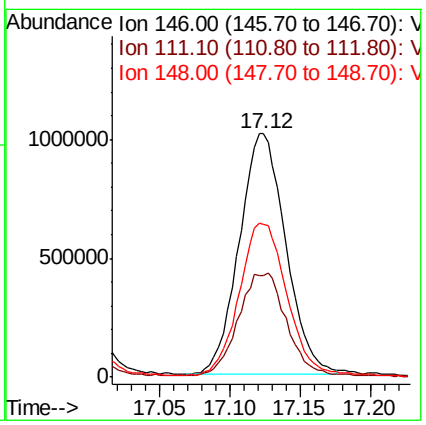


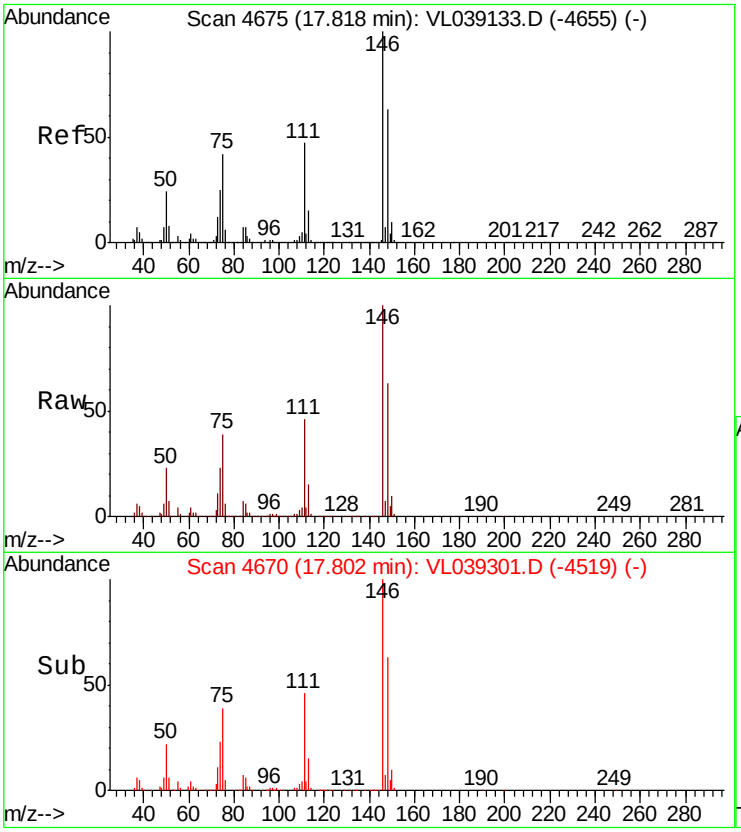


#76
1,4-Dichlorobenzene
Concen: 7.221 ppbv
RT: 17.12 min Scan# 4459
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:146 Resp: 2343141

Ion	Ratio	Lower	Upper
146	100		
111	45.8	23.6	71.0
148	66.7	33.7	101.0



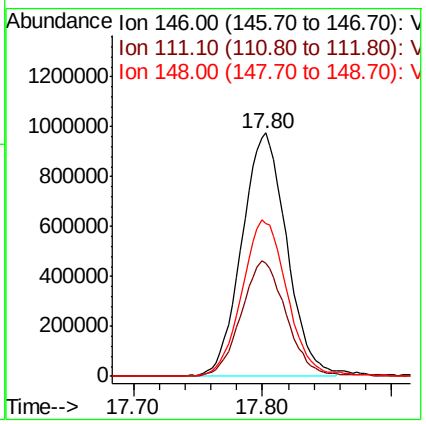


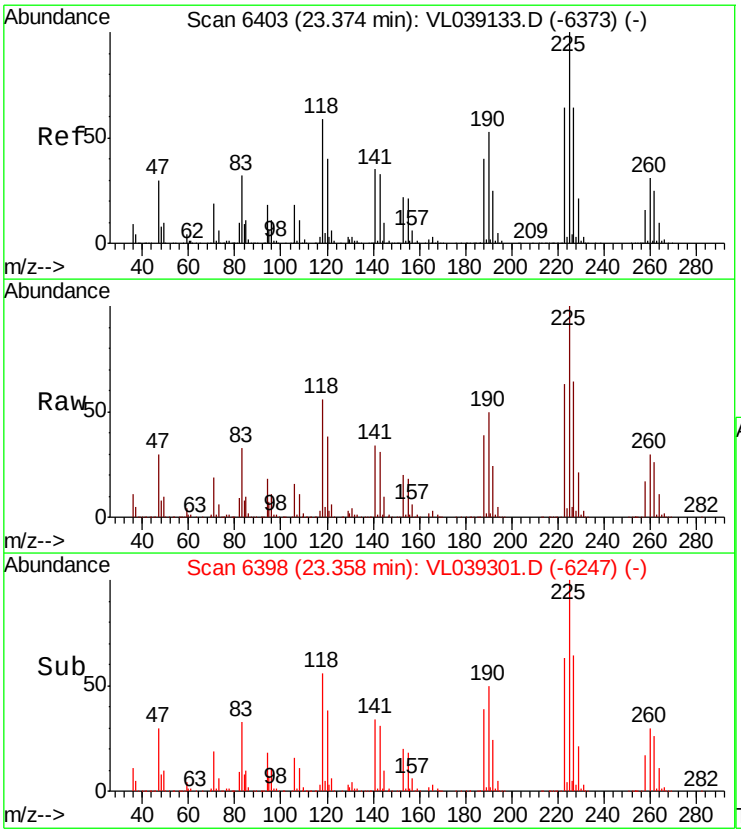
#77
1,2-Dichlorobenzene
Concen: 7.190 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:146 Resp: 2356714

Ion	Ratio	Lower	Upper
146	100		
111	48.2	24.4	73.4
148	65.0	32.1	96.5

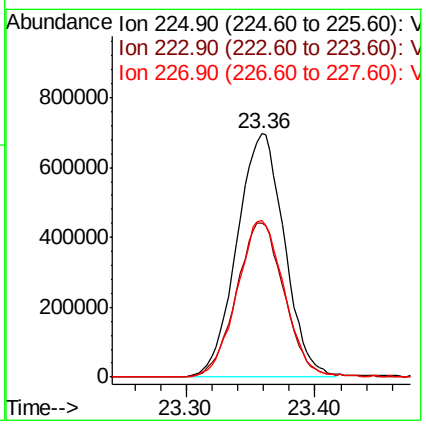


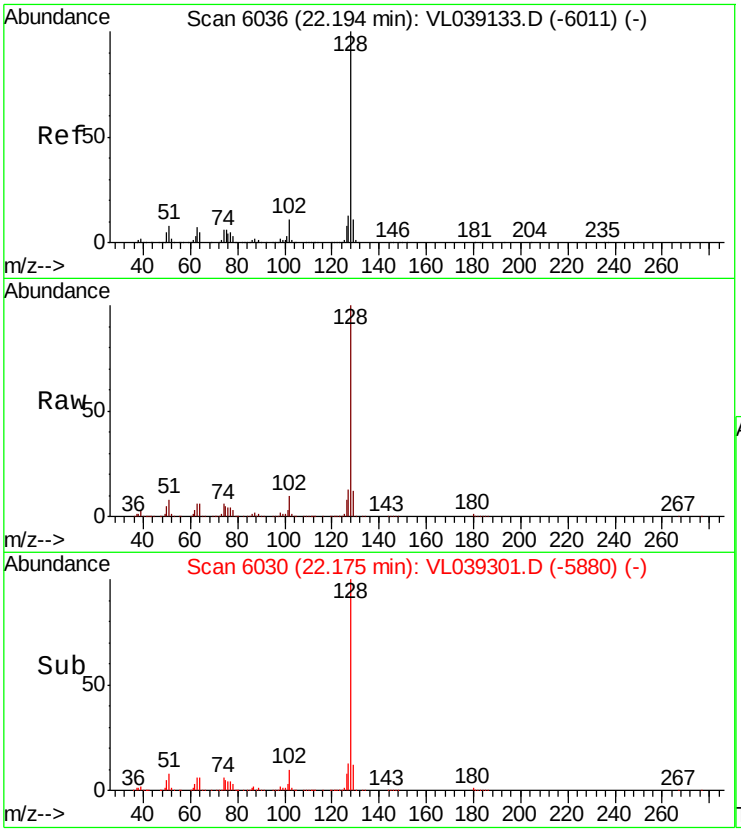


#78
Hexachloro-1,3-Butadiene
Concen: 5.939 ppbv
RT: 23.36 min Scan# 6398
Delta R.T. -0.02 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:225 Resp: 1780081

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.4	77.0
227	64.9	50.6	75.8



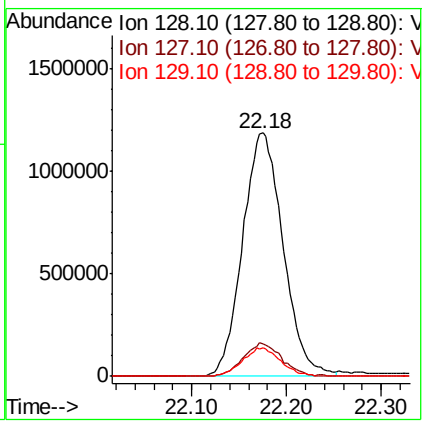


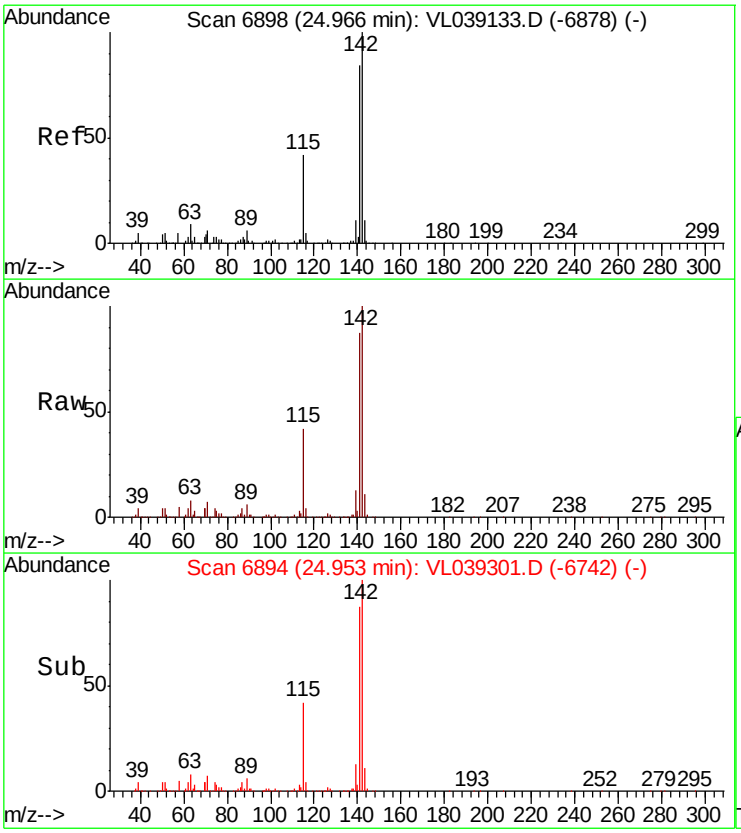
#79
Naphthalene
Concen: 7.971 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:128 Resp: 3525957

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.5	9.0	13.6

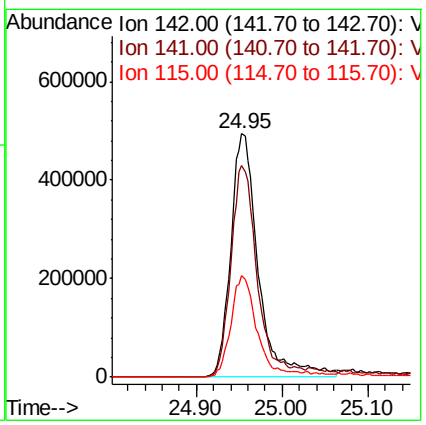


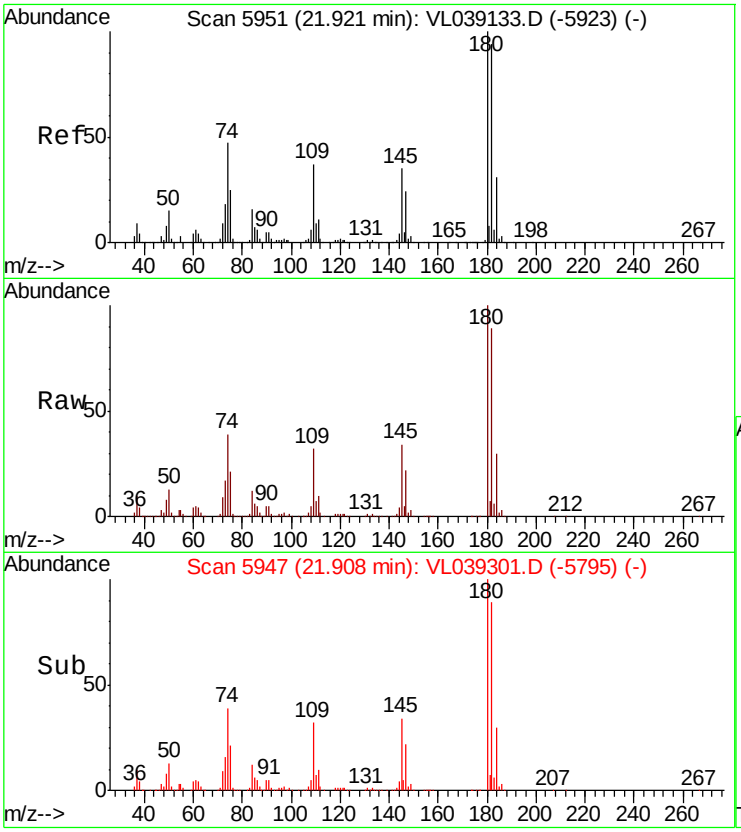


#80
Naphthalene,2-methyl-
Concen: 6.693 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:142 Resp: 1099878

Ion	Ratio	Lower	Upper
142	100		
141	89.8	64.6	96.8
115	42.8	32.7	49.1





#81
1,2,4-Trichlorobenzene
Concen: 7.338 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 15 Jun 2022 17:32

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion:180 Resp: 2056150

Ion	Ratio	Lower	Upper
180	100		
182	98.8	0.0	0.0#
184	30.2	0.0	0.0#