Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039326.D
Acq On : 22 Jun 2022 18:57
Operator : SY/AP
Sample : N3214-13 LOD 0.40
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:27:57 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	1144633	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3343960	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3004194	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2399629	9.66	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	106722	0.531	ppbv		92
3) Chlorodifluoromethane	2.99	51	66282	0.455	ppbv		98
4) Chloromethane	3.15	50	36848	0.493	ppbv		95
5) Vinyl Chloride	3.26	62	15445	0.221	ppbv	#	87
6) Bromomethane	3.47	94	4327	0.126	ppbv		88
7) Chloroethane	3.56	64	6659	0.273	ppbv	#	83
8) Dichlorotetrafluoroethane	3.19	85	87457	0.476	ppbv		95
9) Propene	3.01	41	27966	0.440	ppbv		94
10) Heptane	8.12	43	58971	0.398	ppbv		87
11) Trichlorofluoromethane	3.95	101	86128	0.473	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	32728	0.272	ppbv	#	15
13) Ethanol	3.61	45	935	0.270	ppbv	#	100
14) Bromoethene	3.75	108	22274	0.412	ppbv	#	82
15) Acetone	3.86	43	52564	0.441	ppbv	#	83
16) 1,3-Butadiene	3.33	39	27942	0.436	ppbv		86
17) tert-Butyl alcohol	4.30	59	14656	0.158	ppbv	#	70
18) 1,1-Dichloroethene	4.29	96	12252	0.227	ppbv		87
20) Methylene Chloride	4.34	84	15485	0.308	ppbv	#	92
21) Allyl Chloride	4.41	41	41281	0.513	ppbv		97
22) trans-1,2-Dichloroethene	4.88	96	24084	0.464	ppbv		86
23) Vinyl Acetate	5.07	43	17548	0.178	ppbv	#	82
24) 1,1-Dichloroethane	5.01	63	51221	0.379	ppbv		96
25) Ethyl Acetate	5.69	43	53726	0.200	ppbv	#	67
26) Hexane	5.69	57	49995	0.423	ppbv	#	84
27) Carbon Disulfide	4.56	76	46098	0.377	ppbv	#	83
28) Methyl tert-Butyl Ether	5.05	73	47682	0.366	ppbv		91
29) Chloroform	5.75	83	91127	0.459	ppbv		93
30) Cyclohexane	7.13	84	22691	0.229	ppbv	#	33
31) cis-1,2-Dichloroethene	5.55	61	23269	0.193	ppbv		91
32) 1,1,1-Trichloroethane	6.51	97	78221	0.402	ppbv		94
34) 2-Butanone	5.26	43	67665	0.372	ppbv		99
35) Carbon Tetrachloride	7.02	117	80092	0.328	ppbv	#	86
36) Benzene	6.89	78	104417	0.385	ppbv		95
37) 1,2-Dichloroethane	6.30	62	43618	0.244	ppbv	#	84
38) Trichloroethene	7.83	130	25884	0.208	ppbv		94
39) 1,2-Dichloropropane	7.61	63	41470	0.384	ppbv		98
41) Tetrahydrofuran	6.07	42	27690	0.253	ppbv	#	74
42) Bromodichloromethane	7.78	83	36045	0.145	ppbv		88
43) Methyl Methacrylate	8.01	69	18315	0.173	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.87	57	176032	0.371	ppbv	#	92
45) t-1,3-Dichloropropene	9.28	75	10296	0.093	ppbv		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039326.D
Acq On : 22 Jun 2022 18:57
Operator : SY/AP
Sample : N3214-13 LOD 0.40
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:27:57 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)
46) cis-1,3-Dichloropropene	8.69	75	15892	0.109 ppbv		97
47) 1,1,2-Trichloroethane	9.47	97	42019	0.373 ppbv		88
48) Dibromochloromethane	10.30	129	30661	0.152 ppbv	#	17
49) Bromoform	13.03	173	24723	0.147 ppbv	#	44
50) 4-Methyl-2-Pentanone	8.76	43	46065	0.169 ppbv	#	49
51) 2-Hexanone	10.15	43	22824	0.108 ppbv	#	28
52) Tetrachloroethene	11.21	164	20514	0.194 ppbv		88
53) Toluene	9.80	91	62152	0.199 ppbv	#	37
54) 1,2-Dibromoethane	10.61	107	48895	0.323 ppbv		88
56) 1,1,1,2-Tetrachloroethane	12.12	131	27103	0.191 ppbv	#	9
57) Chlorobenzene	12.14	112	100606	0.445 ppbv	#	81
58) Ethyl Benzene	12.70	91	93492	0.226 ppbv		99
59) m/p-Xylene	12.98	91	50468	0.138 ppbv	#	33
60) o-Xylene	13.68	91	124777	0.364 ppbv		99
61) Styrene	13.52	104	27434	0.150 ppbv	#	25
62) Isopropylbenzene	14.66	105	204875	0.403 ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	30847	0.160 ppbv	#	23
64) n-propylbenzene	15.55	120	31231	0.250 ppbv		94
65) tert-Butylbenzene	16.74	119	188359	0.405 ppbv		100
66) Benzyl Chloride	16.97	91	5748	0.095 ppbv	#	67
67) sec-Butylbenzene	17.29	105	247124	0.389 ppbv		100
69) p-Isopropyltoluene	17.65	119	183374	0.342 ppbv		93
70) n-Butylbenzene	18.55	91	101147	0.184 ppbv	#	49
71) 2-Chlorotoluene	15.45	91	146292	0.377 ppbv		99
72) 4-Ethyltoluene	15.83	105	135383	0.337 ppbv		95
73) 1,3,5-Trimethylbenzene	15.99	105	60206	0.166 ppbv		94
74) 1,2,4-Trimethylbenzene	16.76	105	84106	0.208 ppbv		93
75) 1,3-Dichlorobenzene	17.00	146	73297	0.321 ppbv		70
76) 1,4-Dichlorobenzene	17.13	146	82108	0.360 ppbv		90
77) 1,2-Dichlorobenzene	17.81	146	49255	0.214 ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.36	225	88331	0.419 ppbv		99
79) Naphthalene	22.19	128	23265	0.075 ppbv	#	89
80) Naphthalene,2-methyl-	24.96	142	8719	0.075 ppbv		88
81) 1,2,4-Trichlorobenzene	21.92	180	64032	0.325 ppbv	#	100

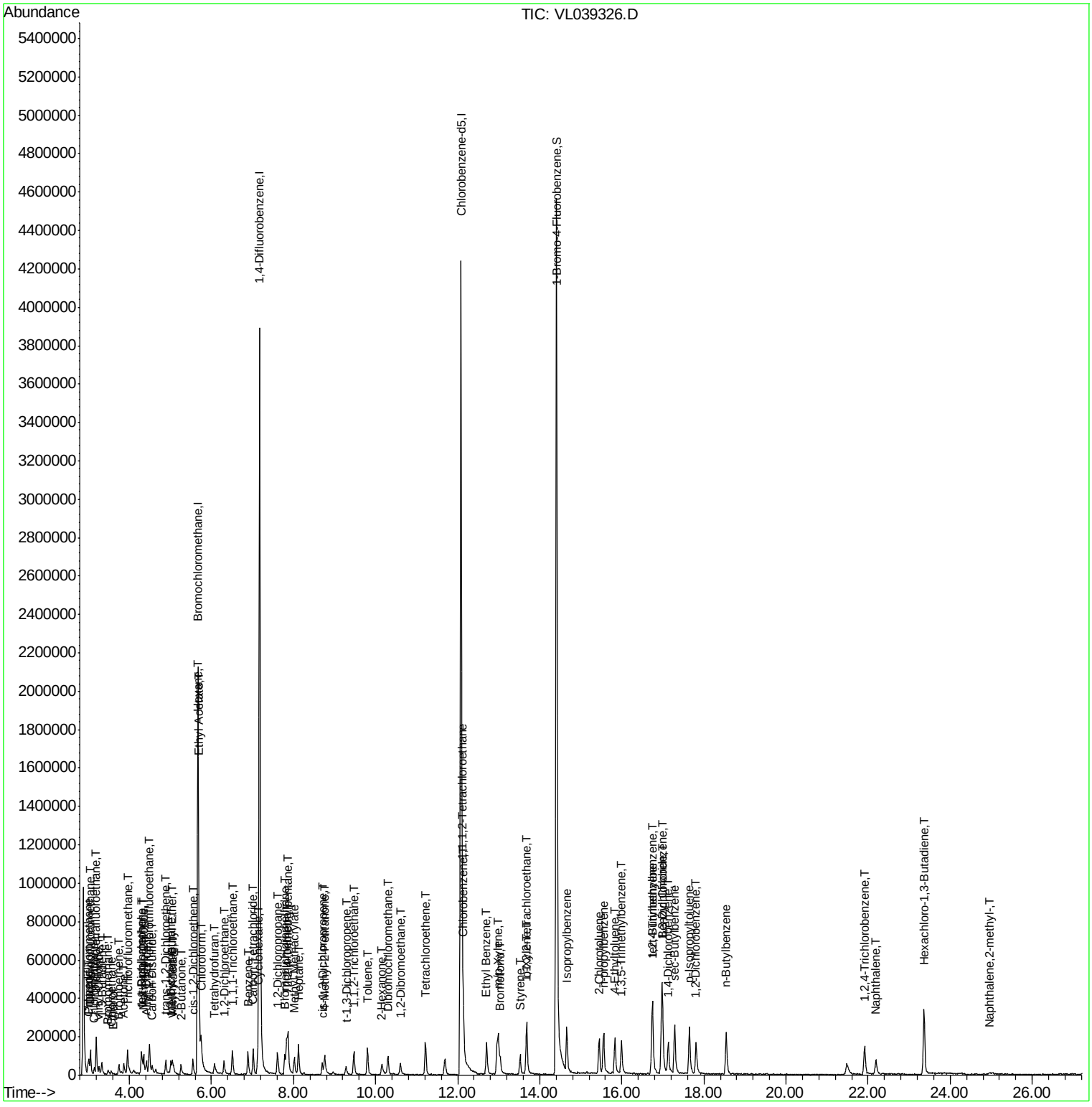
(#) = qualifier out of range (m) = manual integration (+) = signals summed

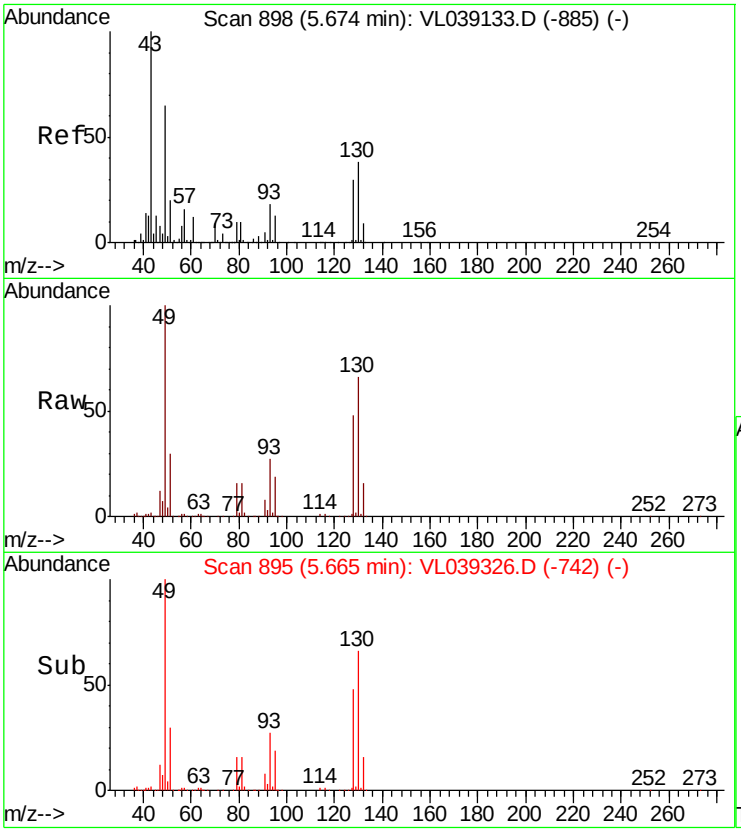
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039326.D
Acq On : 22 Jun 2022 18:57
Operator : SY/AP
Sample : N3214-13 LOD 0.40
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:27:57 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



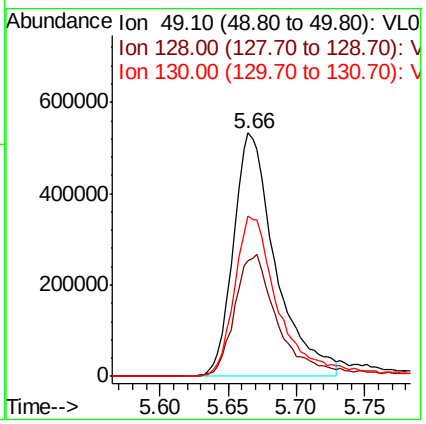


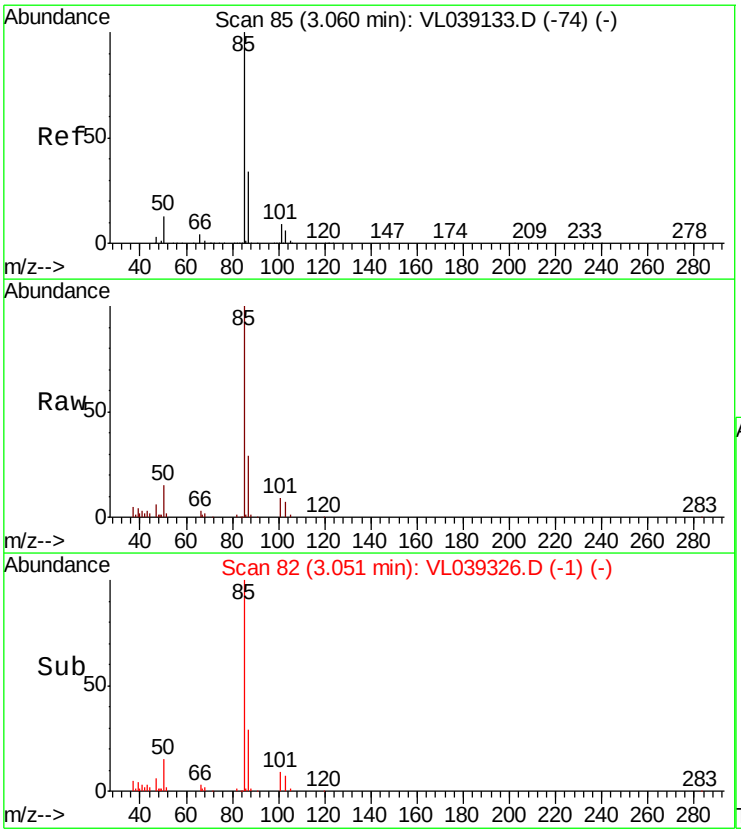
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 49 Resp: 1144633

Ion	Ratio	Lower	Upper
49	100		
128	54.9	24.7	74.1
130	71.0	31.4	94.0

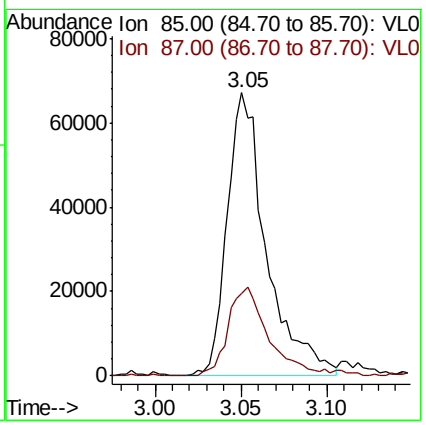


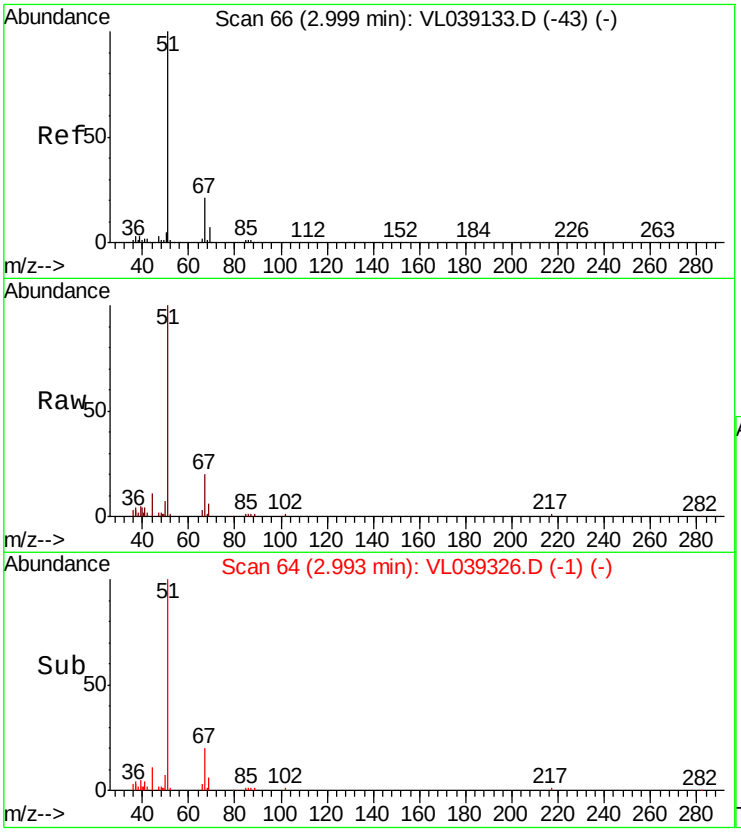


#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 85 Resp: 106722

Ion	Ratio	Lower	Upper
85	100		
87	29.3	26.9	40.3



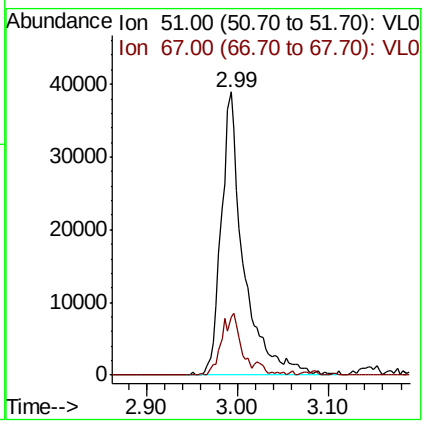


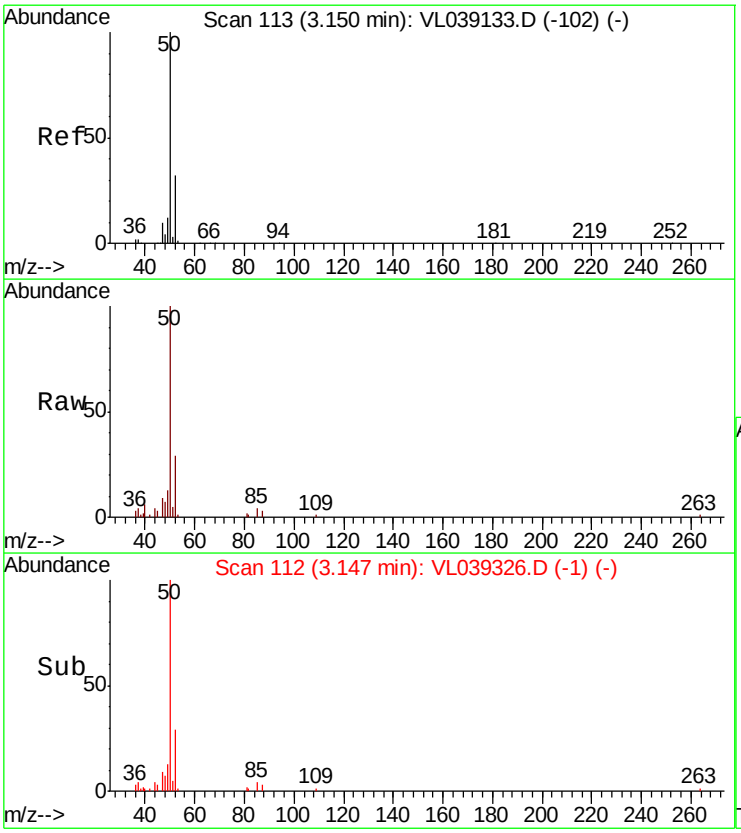
#3
Chlorodifluoromethane
Concen: 0.455 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 51 Resp: 66282

Ion	Ratio	Lower	Upper
51	100		
67	21.0	16.2	24.4

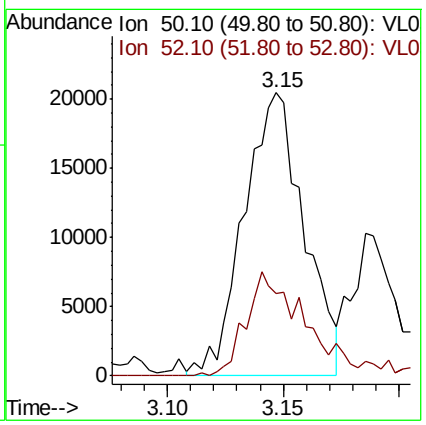


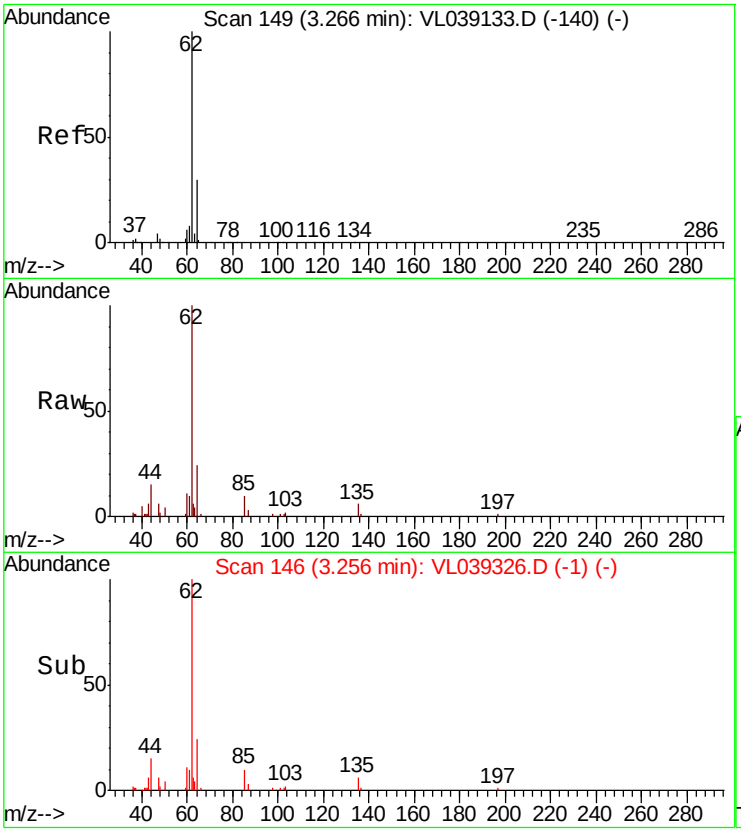


#4
Chloromethane
Concen: 0.493 ppbv
RT: 3.15 min Scan# 112
Delta R.T. -0.00 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 50 Resp: 36848

Ion	Ratio	Lower	Upper
50	100		
52	29.8	25.9	38.9



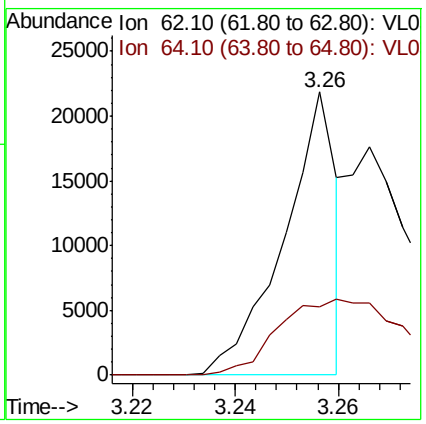


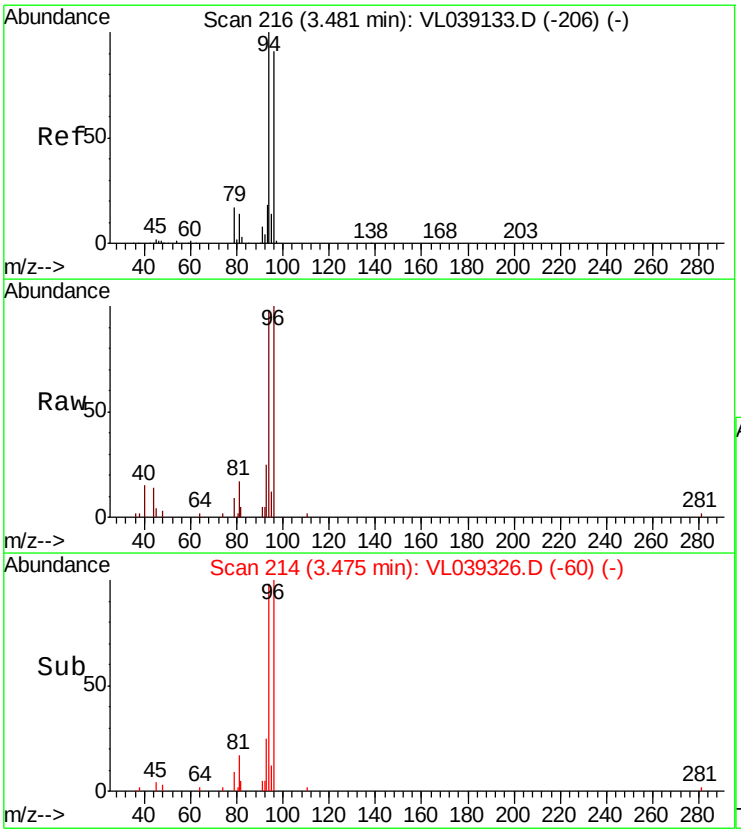
#5
Vinyl Chloride
Concen: 0.221 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 62 Resp: 15445

Ion	Ratio	Lower	Upper
62	100		
64	22.9	24.2	36.2#

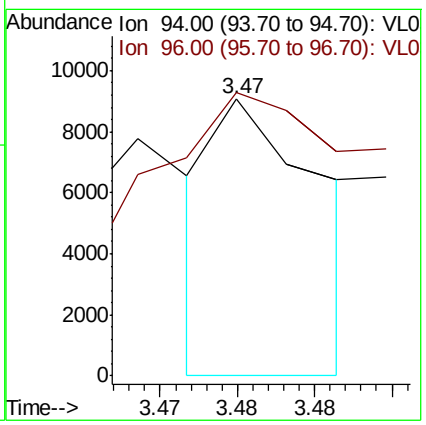


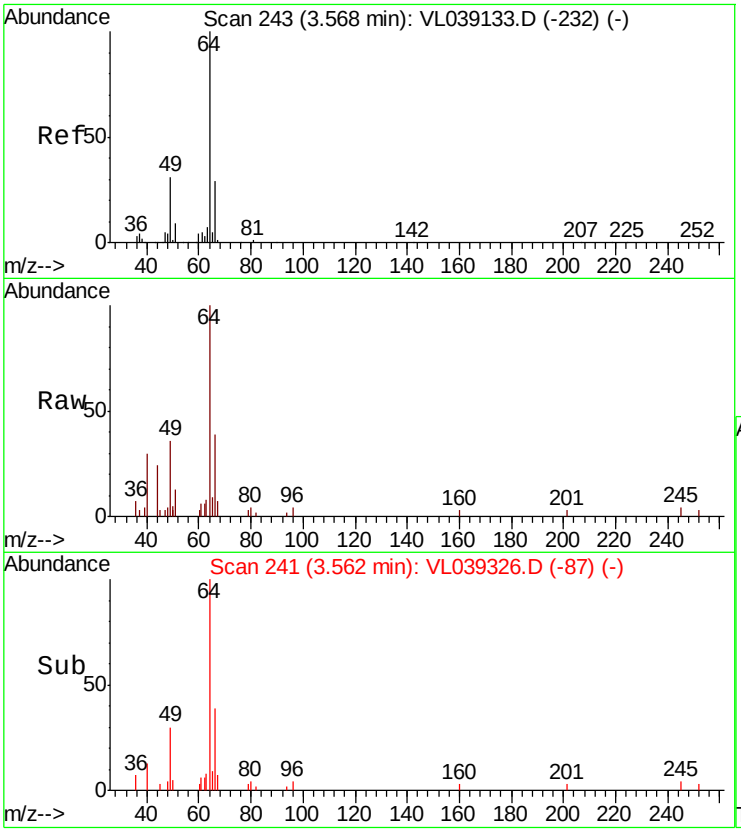


#6
Bromomethane
Concen: 0.126 ppbv
RT: 3.47 min Scan# 214
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 94 Resp: 4327

Ion	Ratio	Lower	Upper
94	100		
96	79.6	73.0	109.4



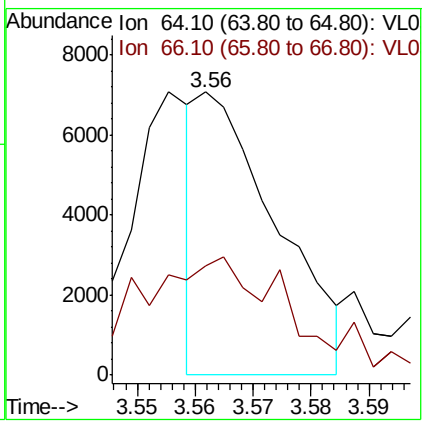


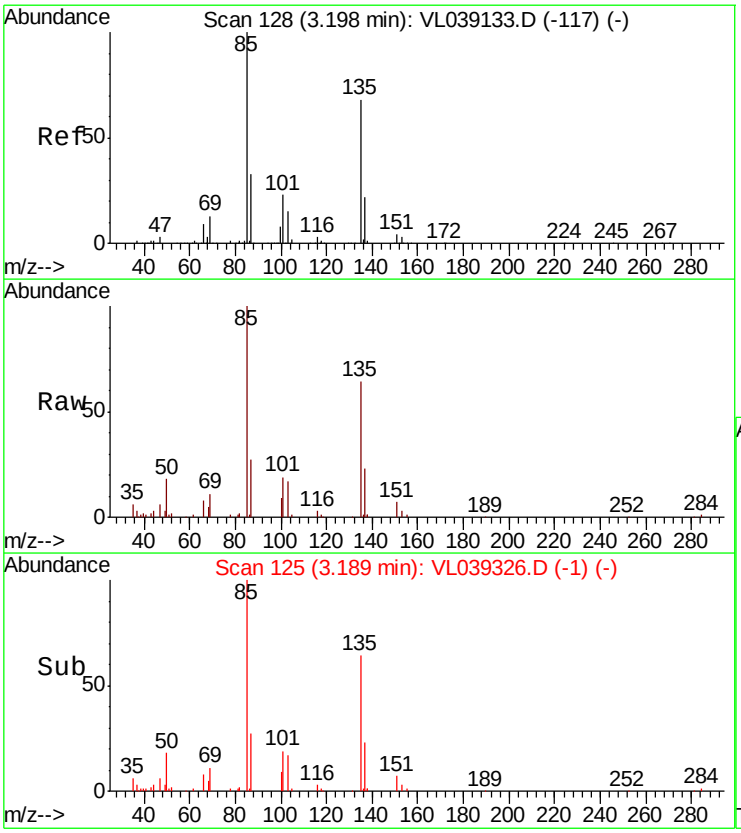
#7
Chloroethane
Concen: 0.273 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 64 Resp: 6659

Ion	Ratio	Lower	Upper
64	100		
66	38.7	23.6	35.4#

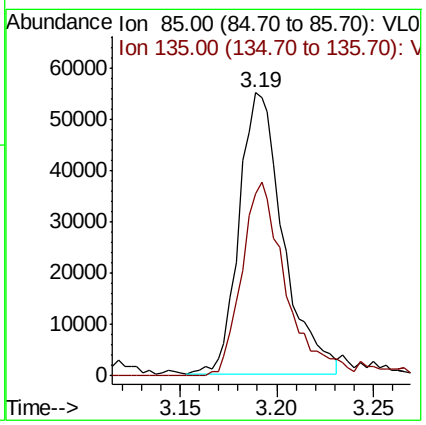


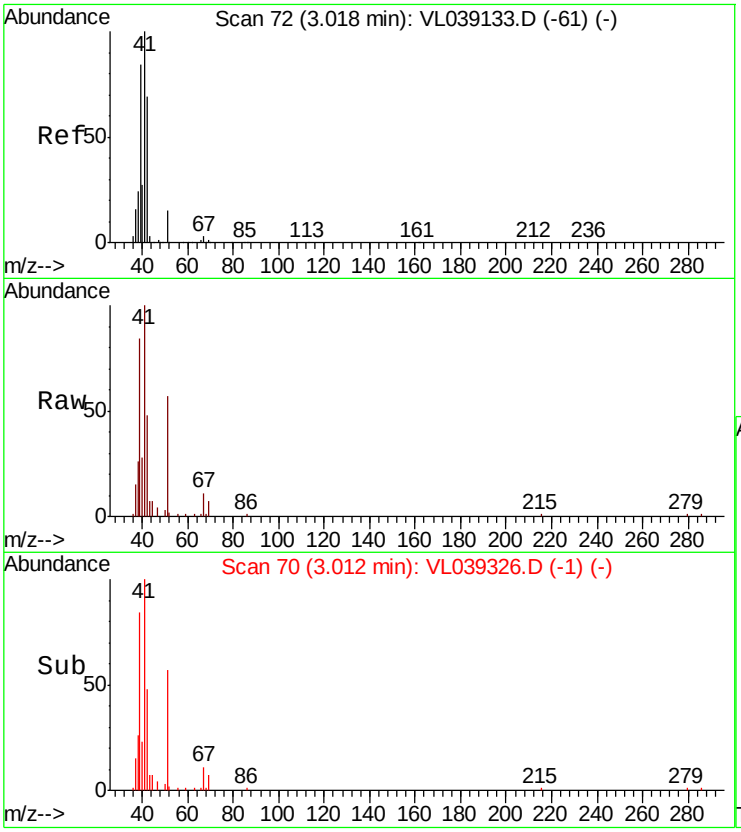


#8
Dichlorotetrafluoroethane
Concen: 0.476 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 85 Resp: 87457

Ion	Ratio	Lower	Upper
85	100		
135	73.1	55.0	82.4



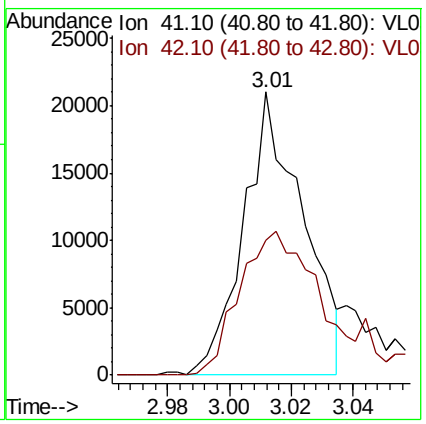


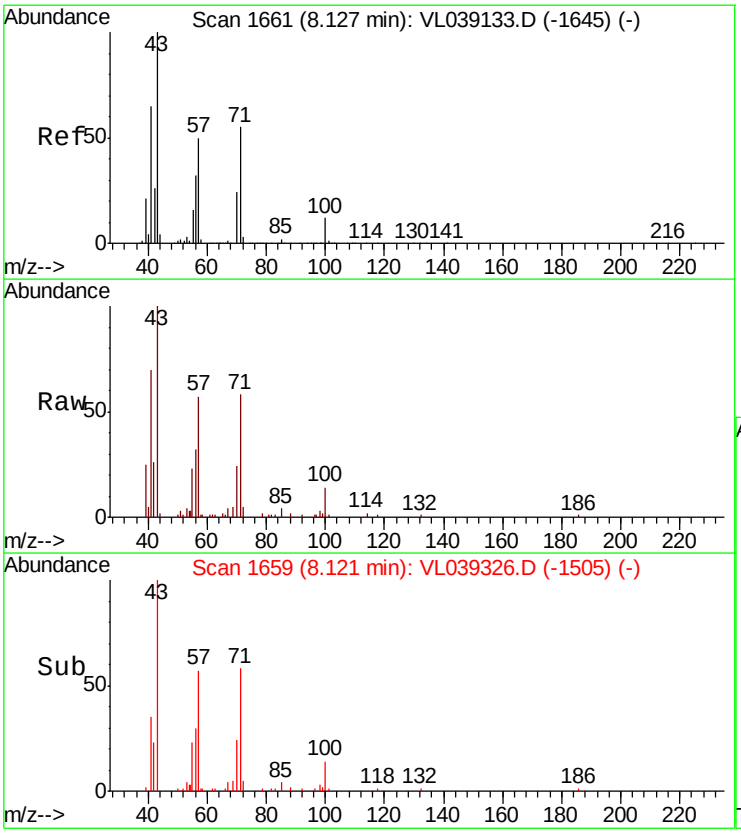
#9
Propene
Concen: 0.440 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 41 Resp: 27966

Ion	Ratio	Lower	Upper
41	100		
42	74.1	55.4	83.2

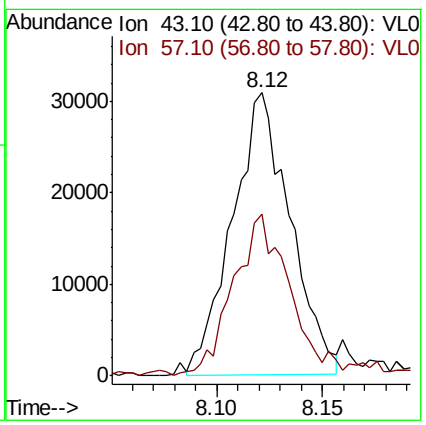


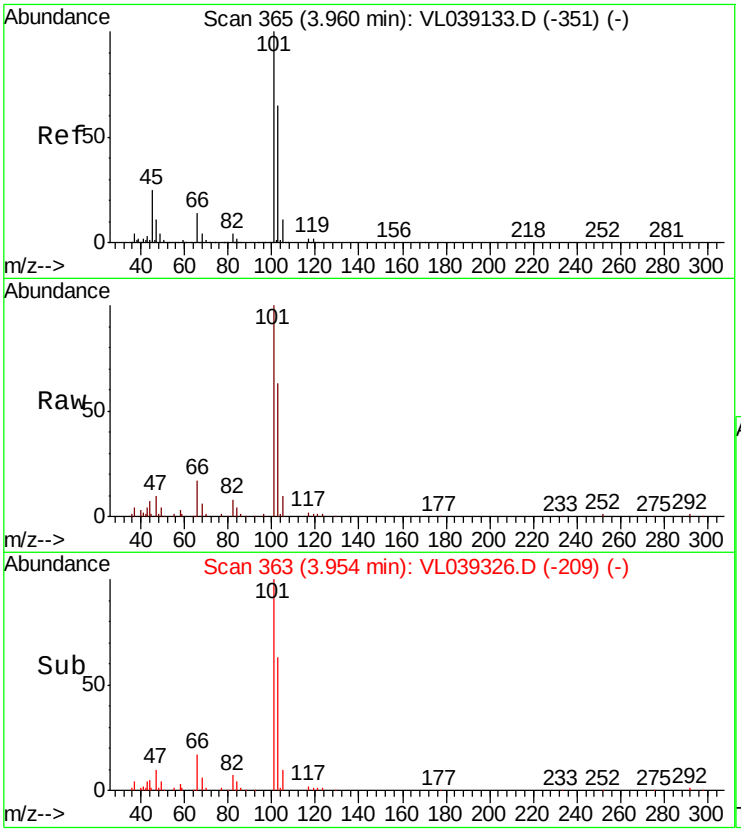


#10
Heptane
Concen: 0.398 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 43 Resp: 58971

Ion	Ratio	Lower	Upper
43	100		
57	60.6	41.4	62.2



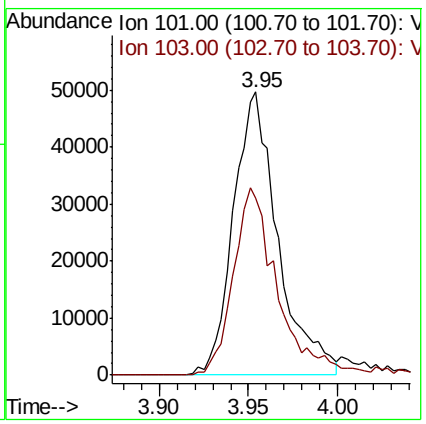


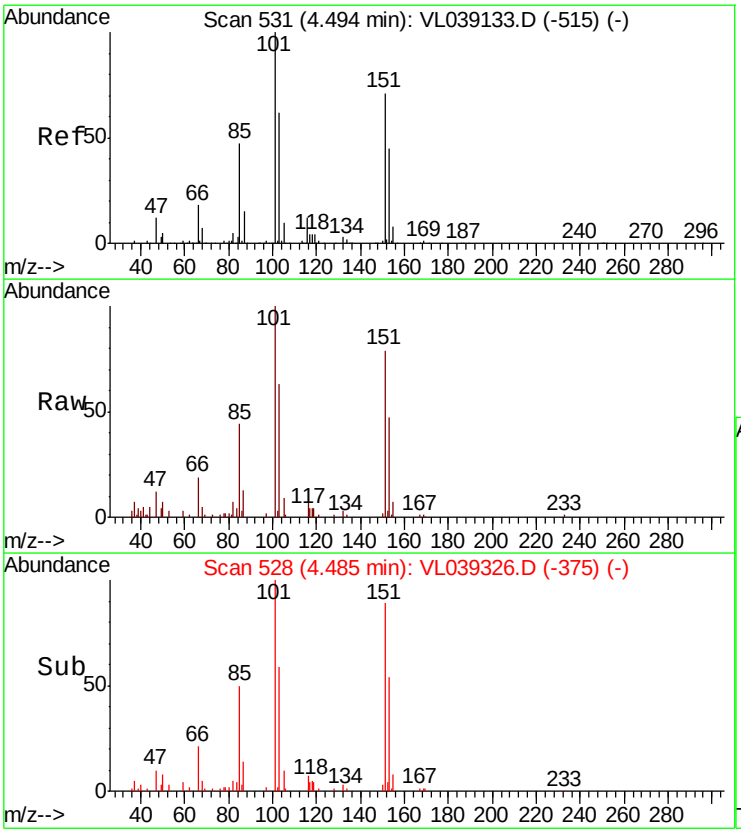
#11
Trichlorofluoromethane
Concen: 0.473 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:101 Resp: 86128

Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.7	77.5

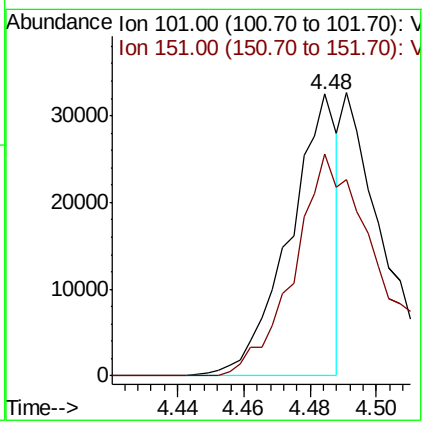


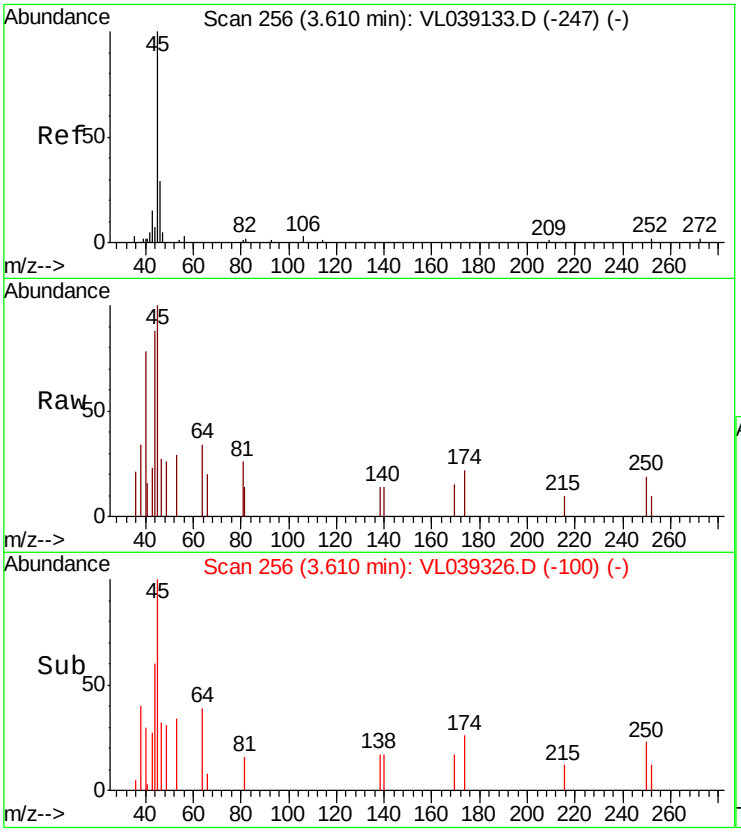


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.272 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:101 Resp: 32728

Ion	Ratio	Lower	Upper
101	100		
151	146.1	59.4	89.0#



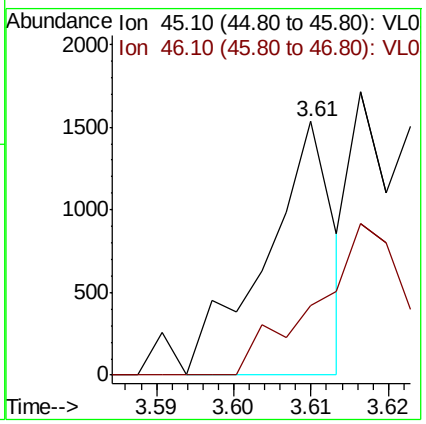


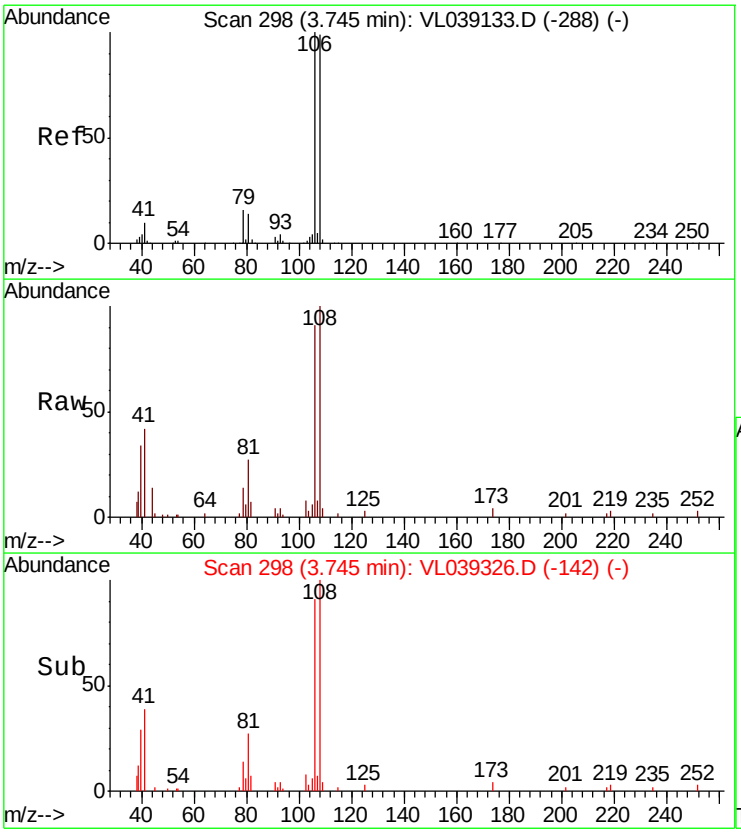
#13
Ethanol
Concen: 0.270 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 45 Resp: 935

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0

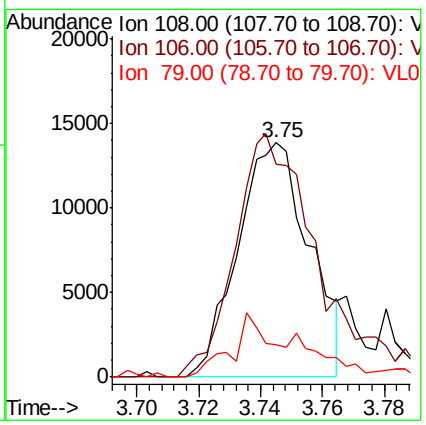


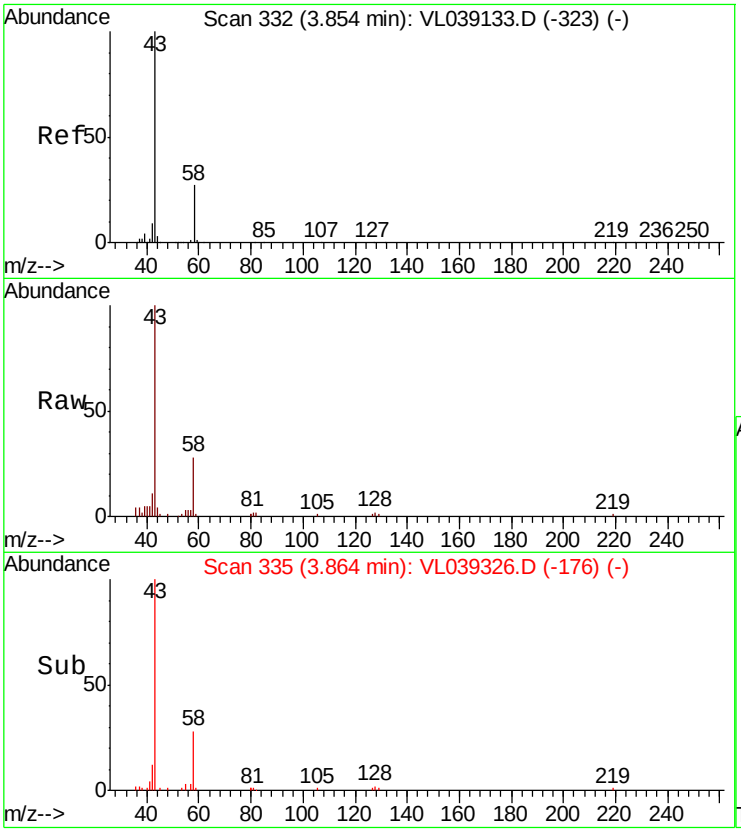


#14
Bromoethene
Concen: 0.412 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:108 Resp: 22274

Ion	Ratio	Lower	Upper
108	100		
106	128.8	88.4	132.6
79	25.3	13.4	20.2#



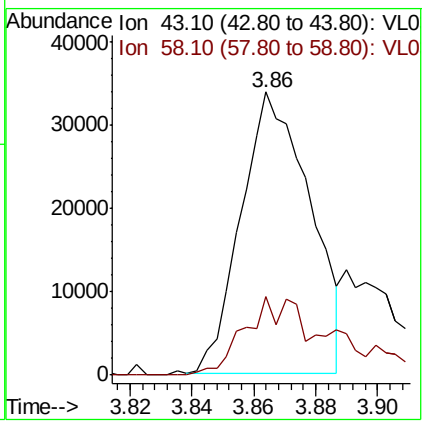


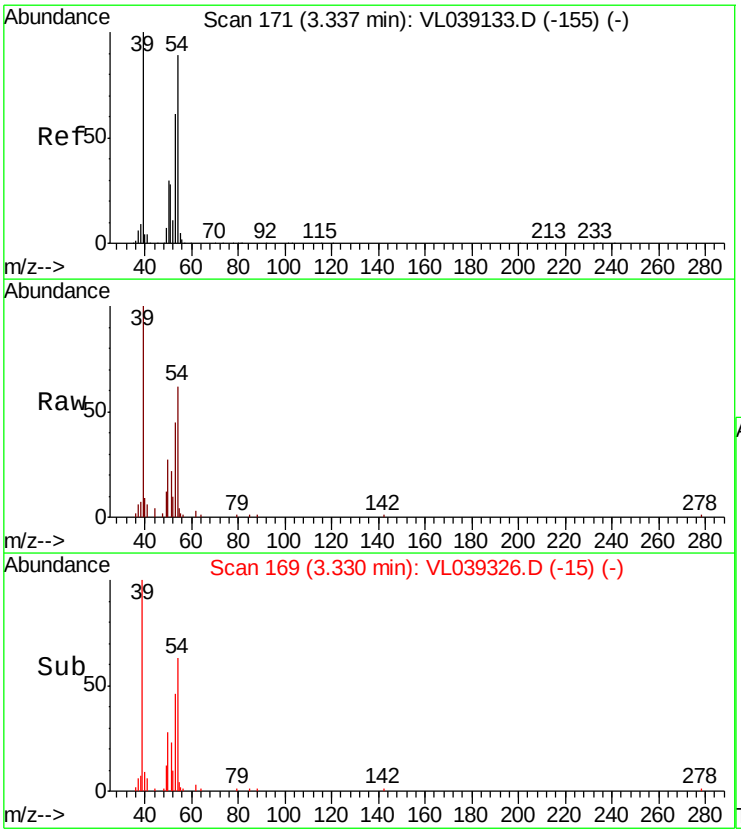
#15
Acetone
Concen: 0.441 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43 Resp: 52564

Ion	Ratio	Lower	Upper
43	100		
58	37.3	22.5	33.7#

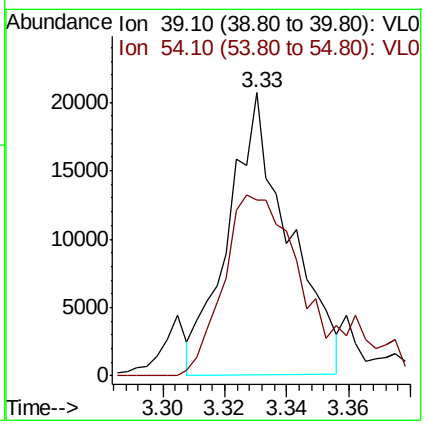


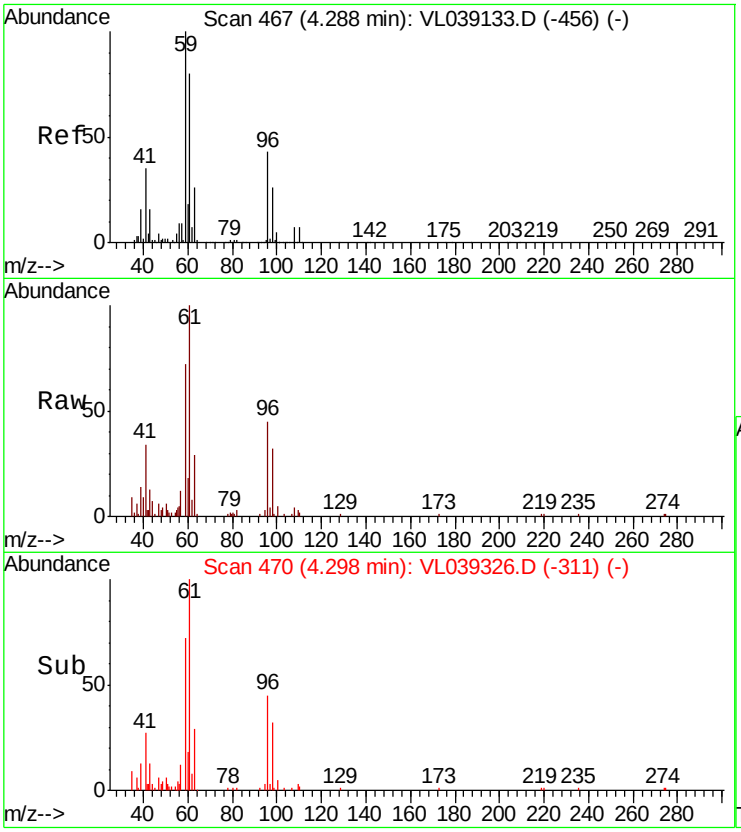


#16
1,3-Butadiene
Concen: 0.436 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 39 Resp: 27942

Ion	Ratio	Lower	Upper
39	100		
54	94.9	65.8	98.6



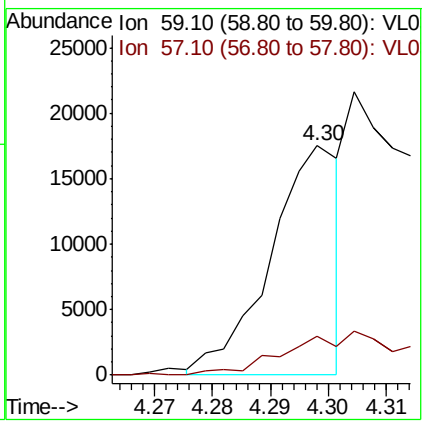


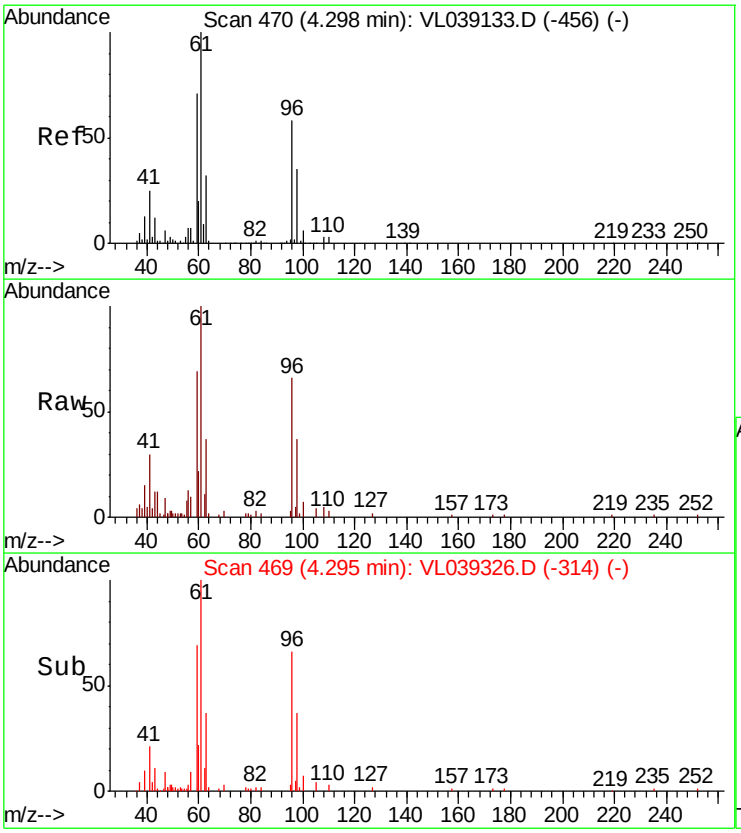
#17
tert-Butyl alcohol
Concen: 0.158 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 59 Resp: 14656

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.1	13.7#

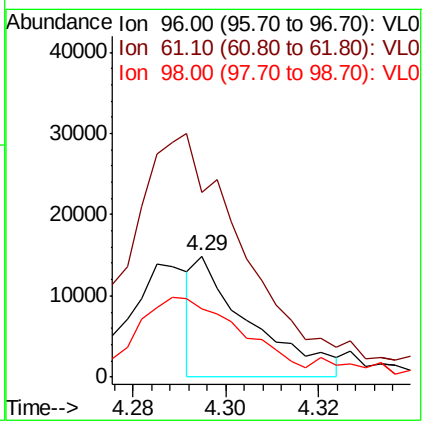


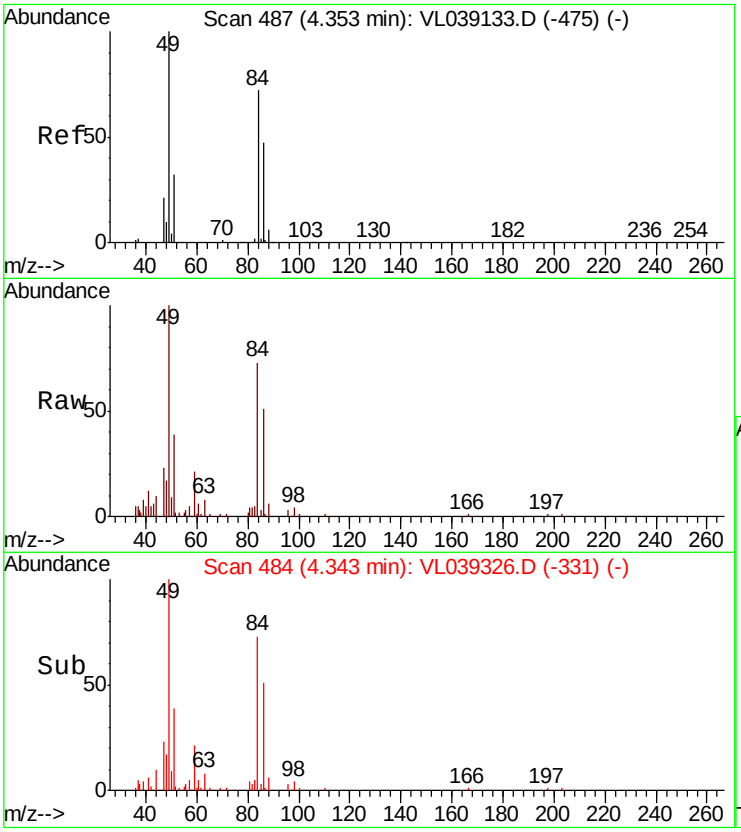


#18
1,1-Dichloroethene
Concen: 0.227 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 96 Resp: 12252

Ion	Ratio	Lower	Upper
96	100		
61	151.9	138.4	207.6
98	54.6	47.8	71.8



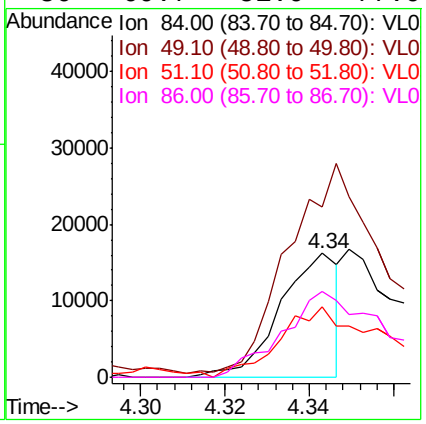


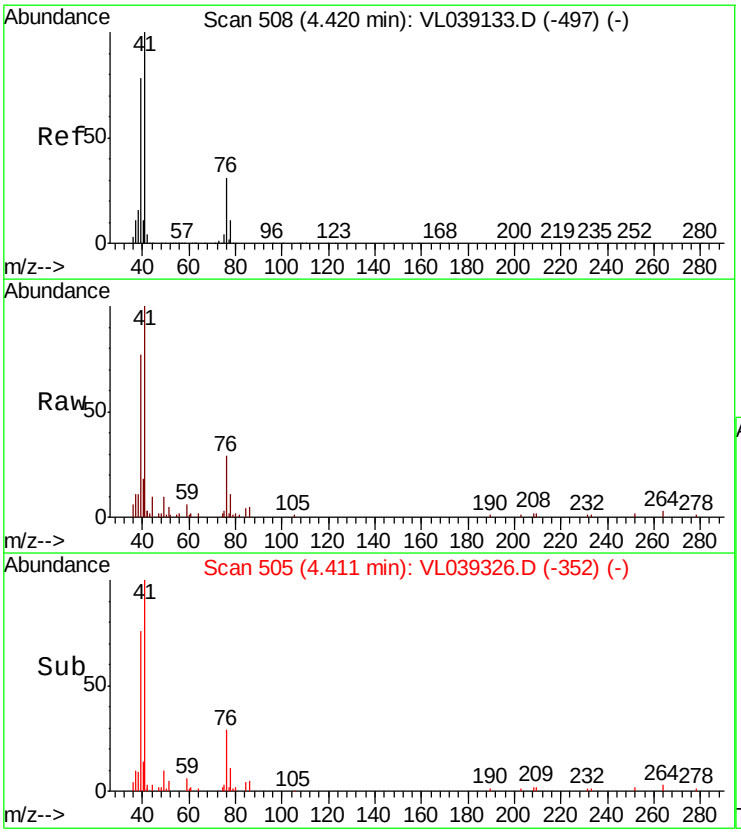
#20
Methylene Chloride
Concen: 0.308 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 84 Resp: 15485

Ion	Ratio	Lower	Upper
84	100		
49	131.6	111.1	166.7
51	53.6	35.3	52.9#
86	69.7	51.9	77.9

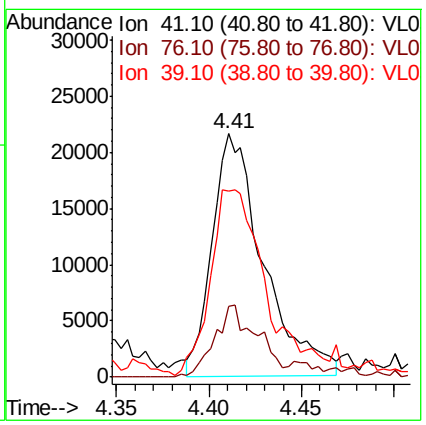


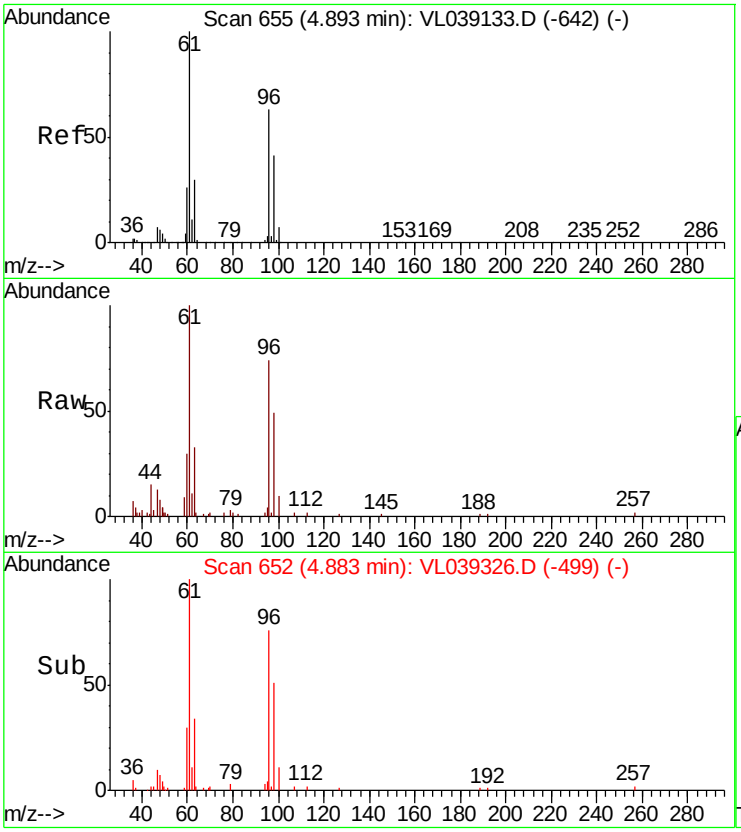


#21
Allyl Chloride
Concen: 0.513 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 41 Resp: 41281

Ion	Ratio	Lower	Upper
41	100		
76	29.6	24.2	36.2
39	81.4	62.2	93.2



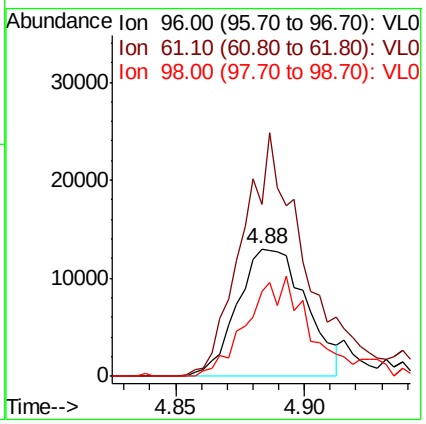


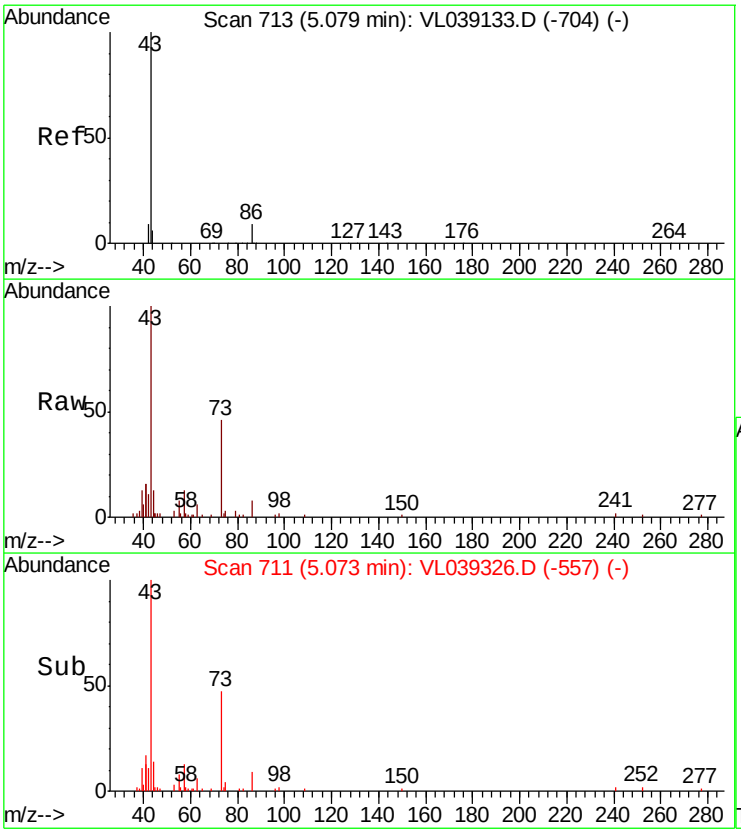
#22
trans-1,2-Dichloroethene
Concen: 0.464 ppbv
RT: 4.88
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 96 Resp: 24084

Ion	Ratio	Lower	Upper
96	100		
61	133.8	126.6	190.0
98	66.4	52.5	78.7

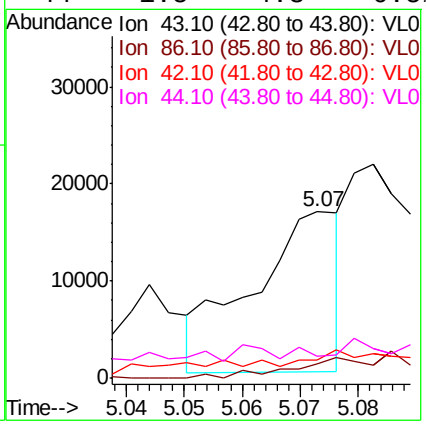


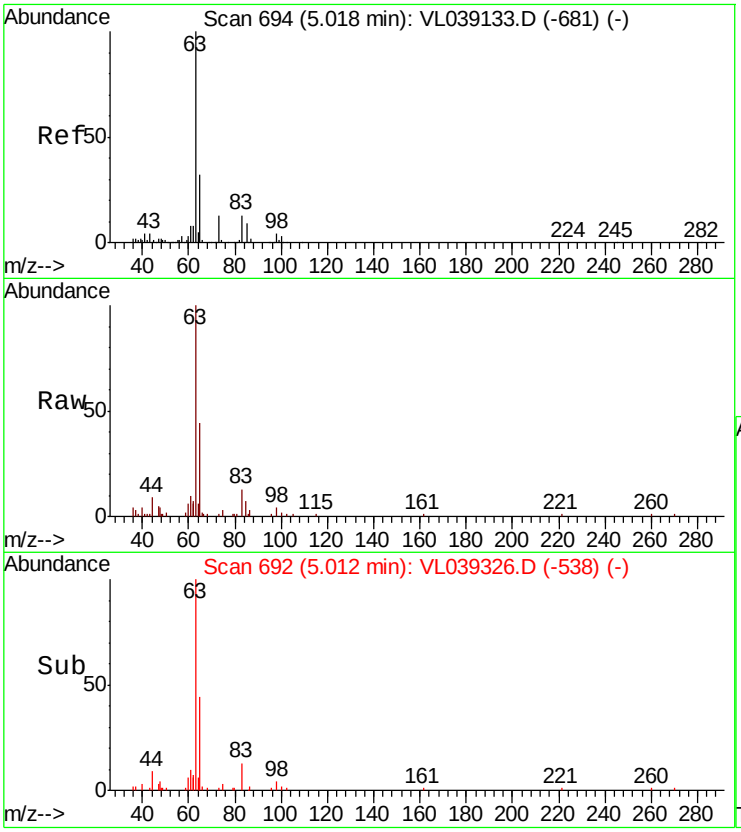


#23
Vinyl Acetate
Concen: 0.178 ppbv
RT: 5.07 min Scan# 711
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 43 Resp: 17548

Ion	Ratio	Lower	Upper
43	100		
86	13.5	6.0	9.0#
42	2.5	8.2	12.4#
44	1.5	4.3	6.5#



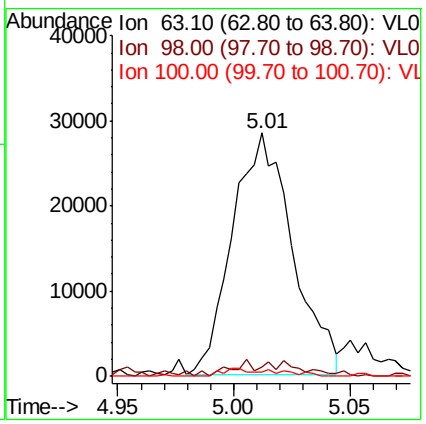


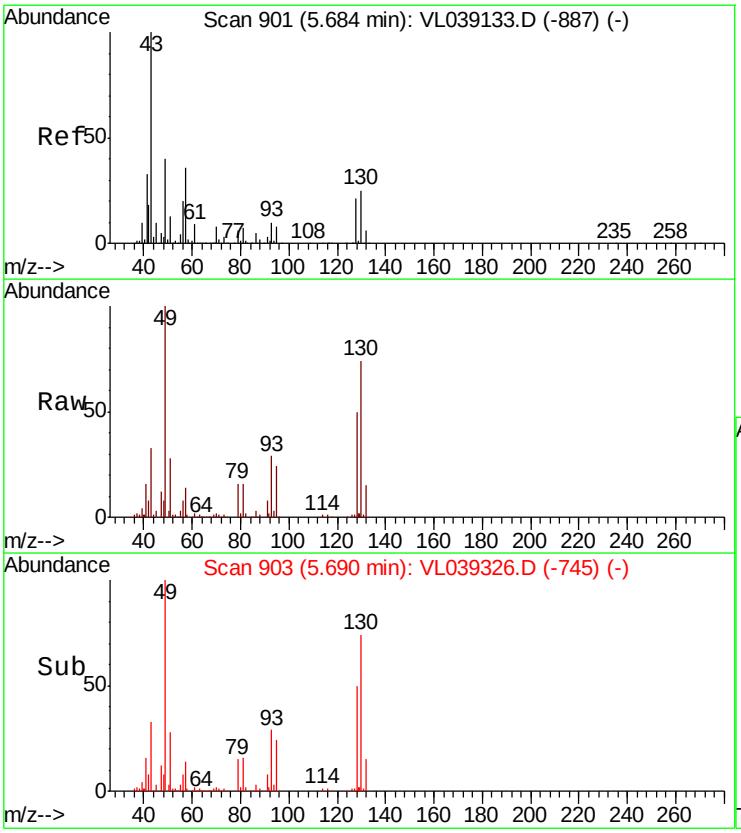
#24
1,1-Dichloroethane
Concen: 0.379 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 63 Resp: 51221

Ion	Ratio	Lower	Upper
63	100		
98	2.3	2.1	6.2
100	2.0	1.5	4.5

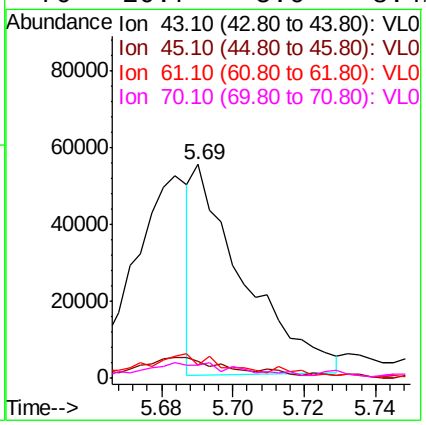


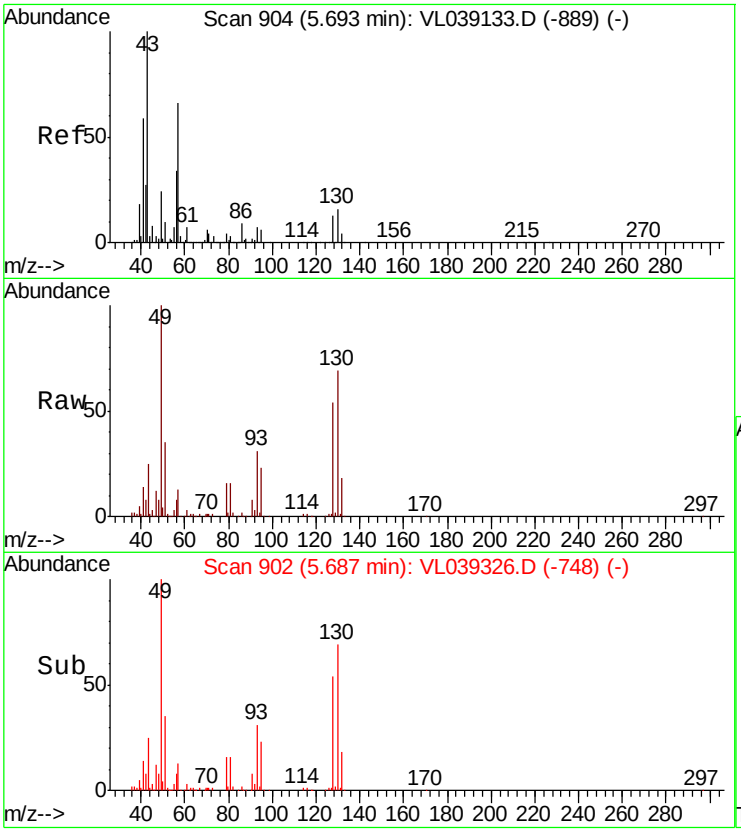


#25
Ethyl Acetate
Concen: 0.200 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 43 Resp: 53726

Ion	Ratio	Lower	Upper
43	100		
45	21.7	8.2	12.2#
61	21.9	8.4	12.6#
70	20.7	5.6	8.4#



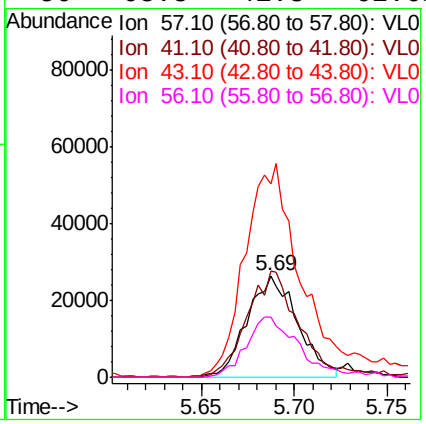


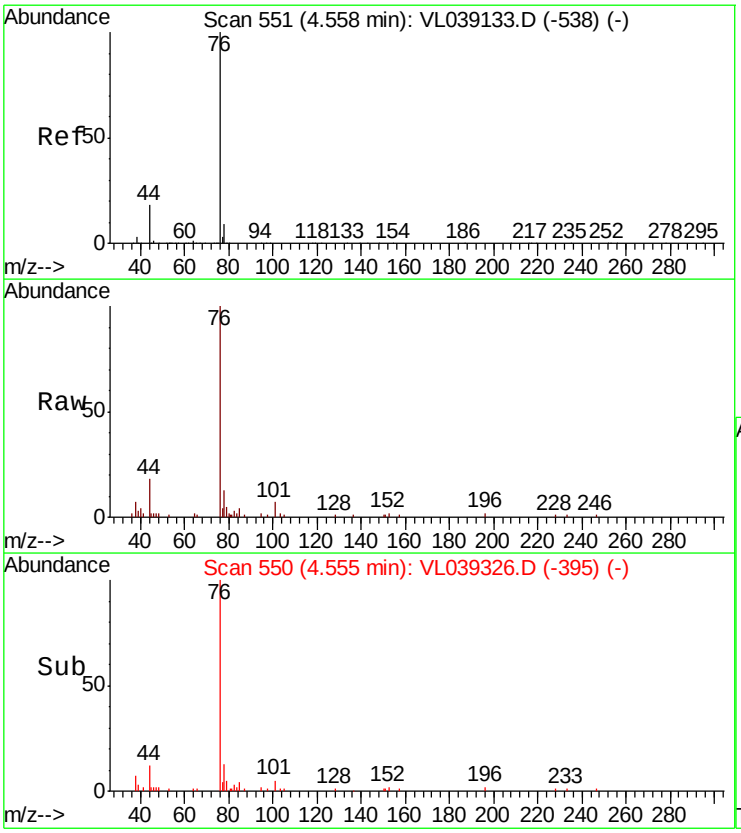
#26
Hexane
Concen: 0.423 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 57 Resp: 49995

Ion	Ratio	Lower	Upper
57	100		
41	112.0	72.4	108.6#
43	256.6	187.0	280.6
56	63.8	41.8	62.6#

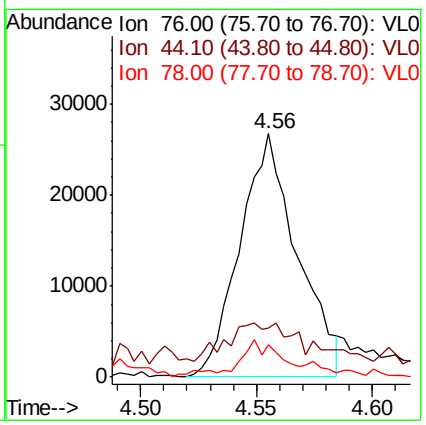


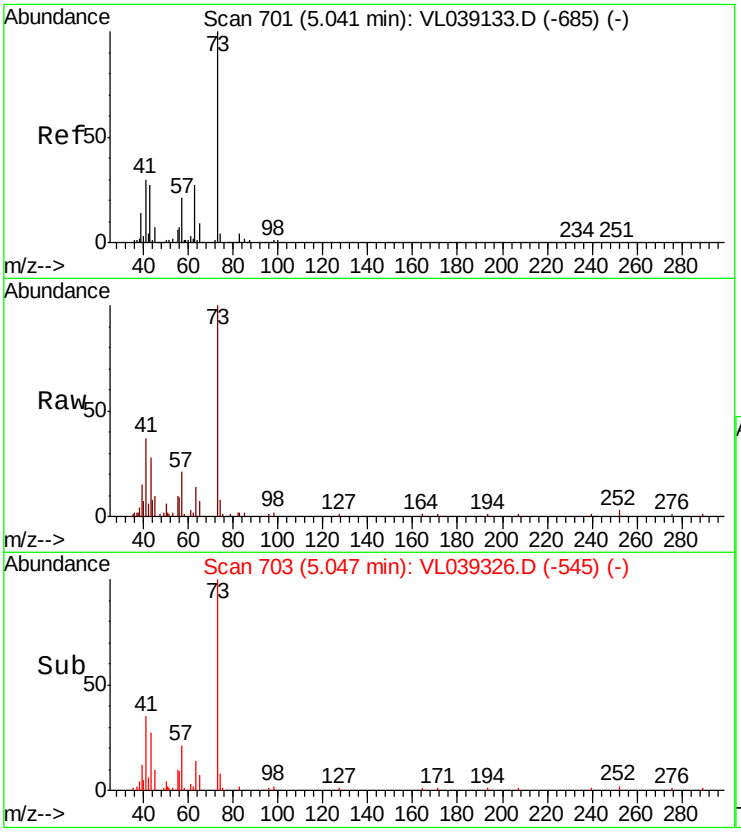


#27
Carbon Disulfide
Concen: 0.377 ppbv
RT: 4.56 min Scan# 550
Delta R.T. -0.00 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 76 Resp: 46098

Ion	Ratio	Lower	Upper
76	100		
44	26.2	14.4	21.6#
78	15.0	7.7	11.5#



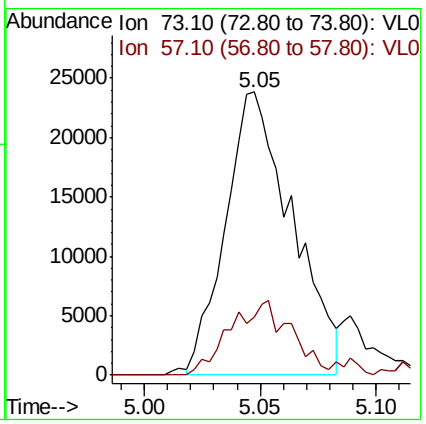


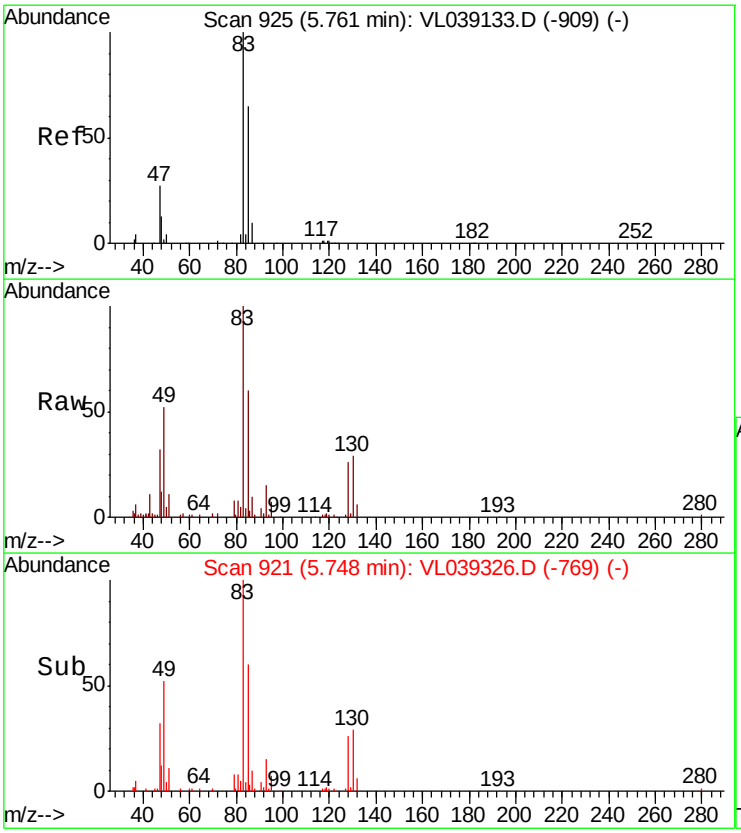
#28
Methyl tert-Butyl Ether
Concen: 0.366 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 73 Resp: 47682

Ion	Ratio	Lower	Upper
73	100		
57	27.4	18.6	27.8

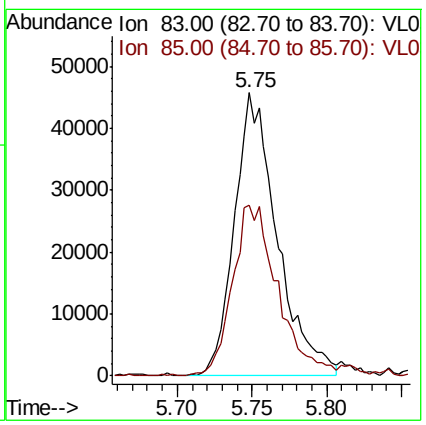


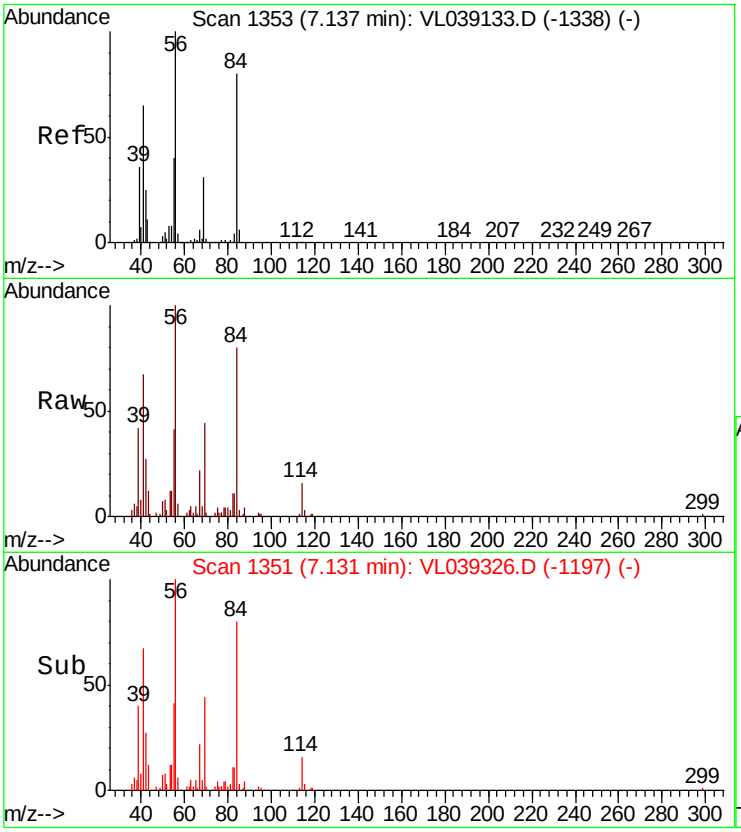


#29
Chloroform
Concen: 0.459 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 83 Resp: 91127

Ion	Ratio	Lower	Upper
83	100		
85	60.3	52.4	78.6



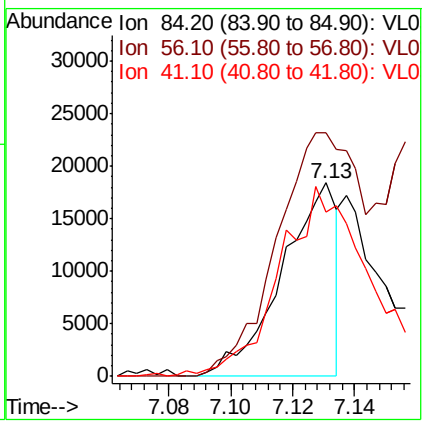


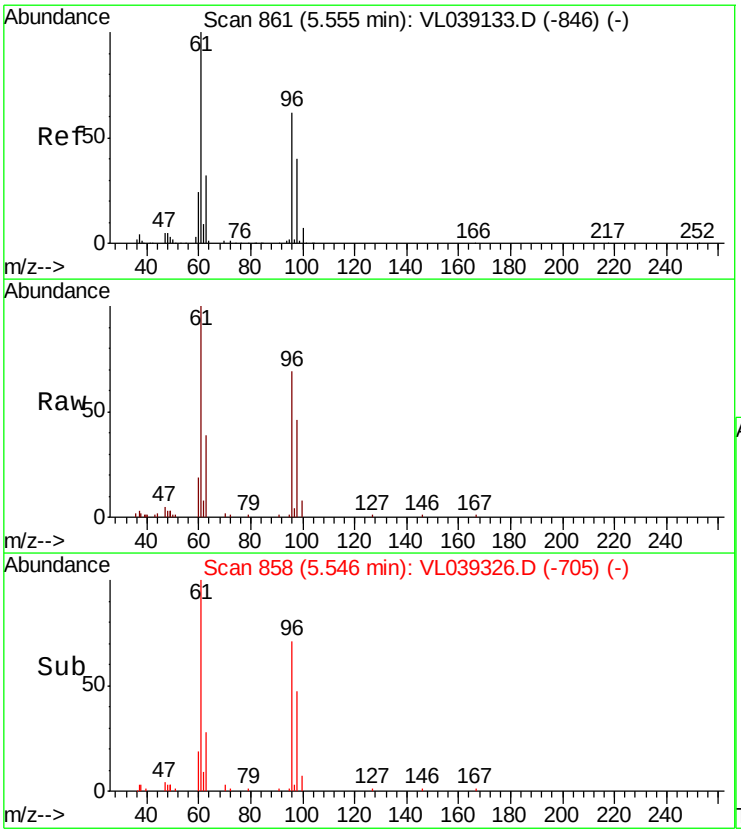
#30
Cyclohexane
Concen: 0.229 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 84 Resp: 22691

Ion	Ratio	Lower	Upper
84	100		
56	201.0	110.6	165.8#
41	169.3	68.9	103.3#

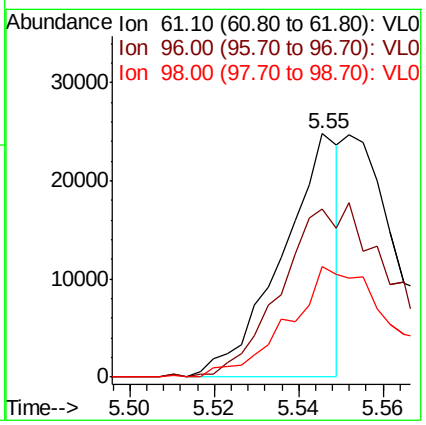


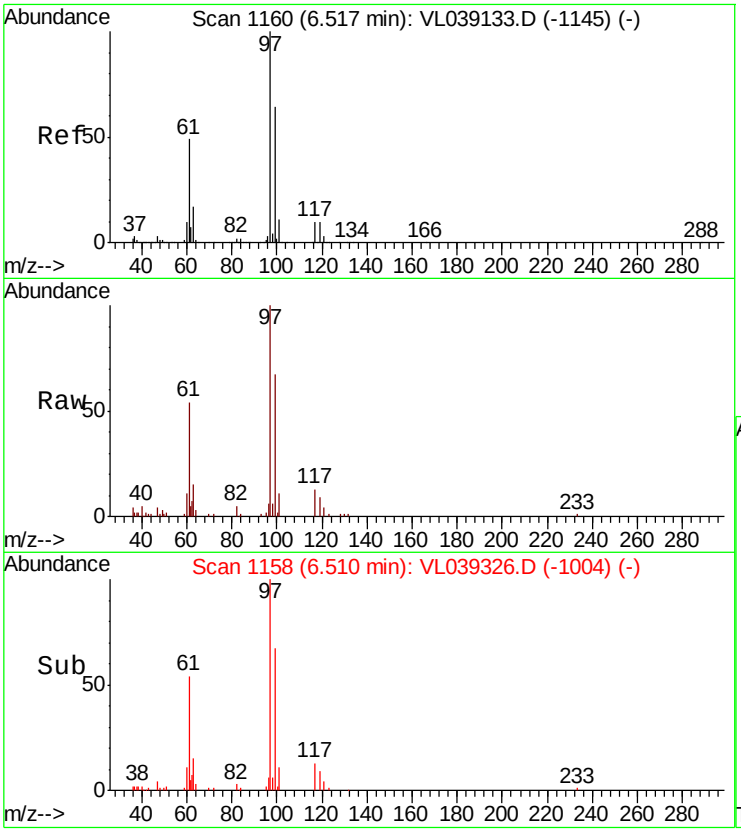


#31
cis-1,2-Dichloroethene
Concen: 0.193 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 61 Resp: 23269

Ion	Ratio	Lower	Upper
61	100		
96	69.3	49.9	74.9
98	45.5	32.0	48.0



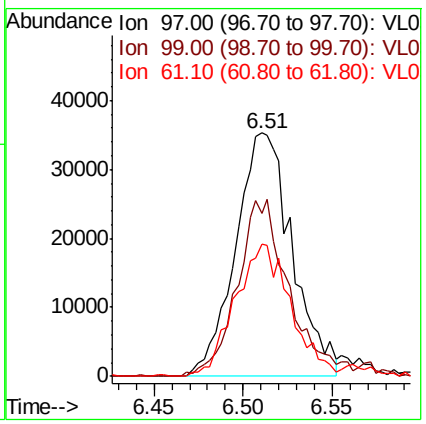


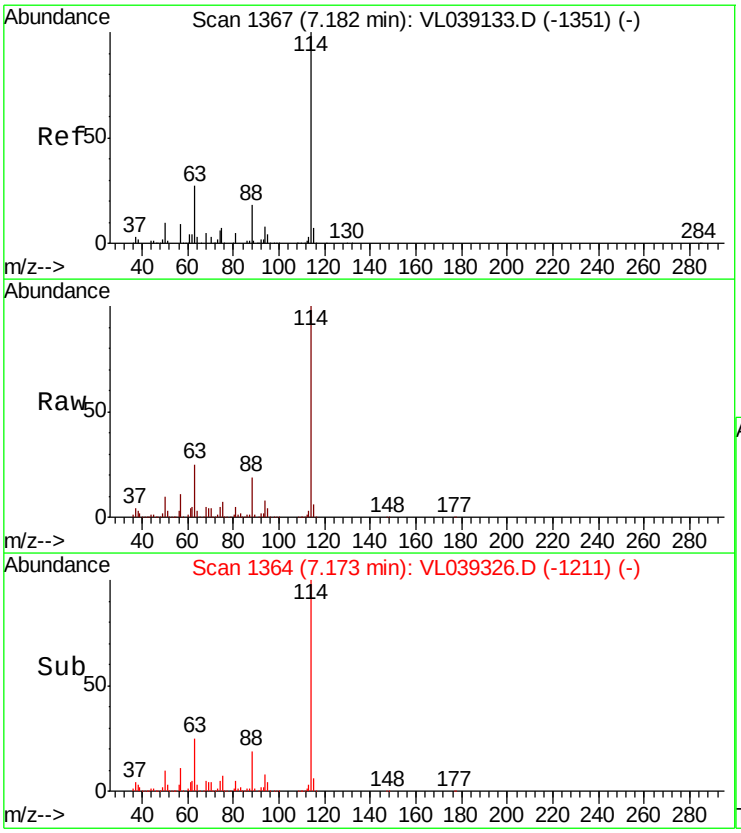
#32
1,1,1-Trichloroethane
Concen: 0.402 ppbv
RT: 6.51
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 97 Resp: 78221

Ion	Ratio	Lower	Upper
97	100		
99	68.2	52.1	78.1
61	55.7	40.0	60.0

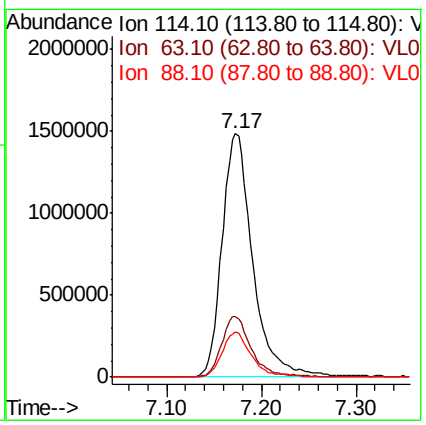


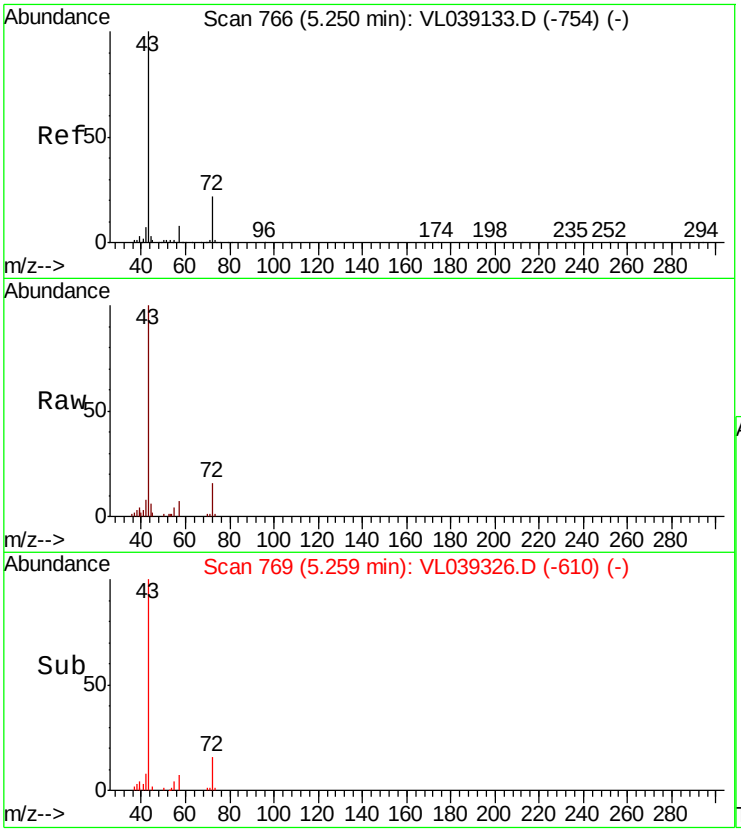


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:114 Resp: 3343960

Ion	Ratio	Lower	Upper
114	100		
63	24.6	21.7	32.5
88	18.1	14.8	22.2



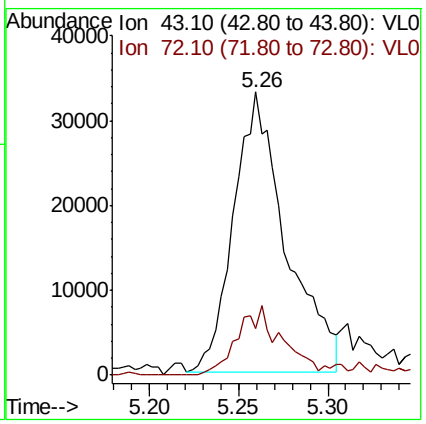


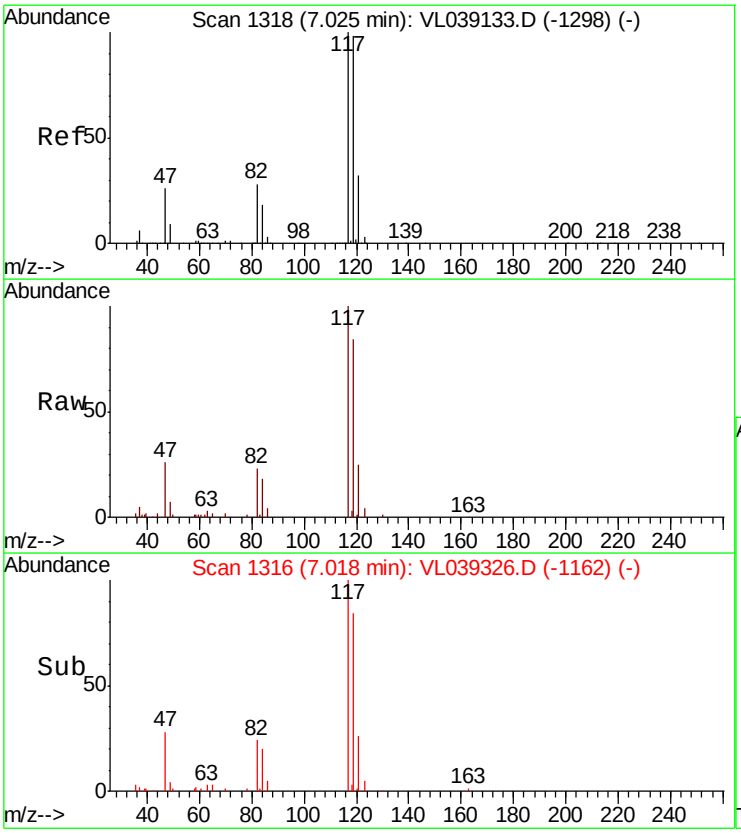
#34
2-Butanone
Concen: 0.372 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43 Resp: 67665

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.2	27.2

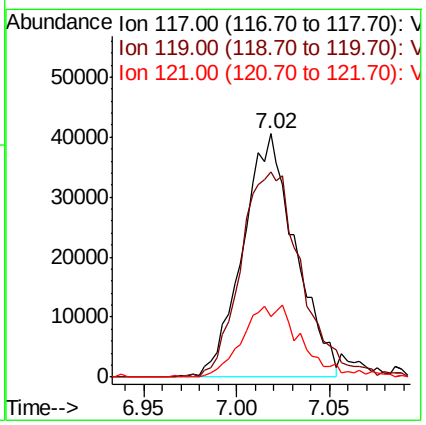


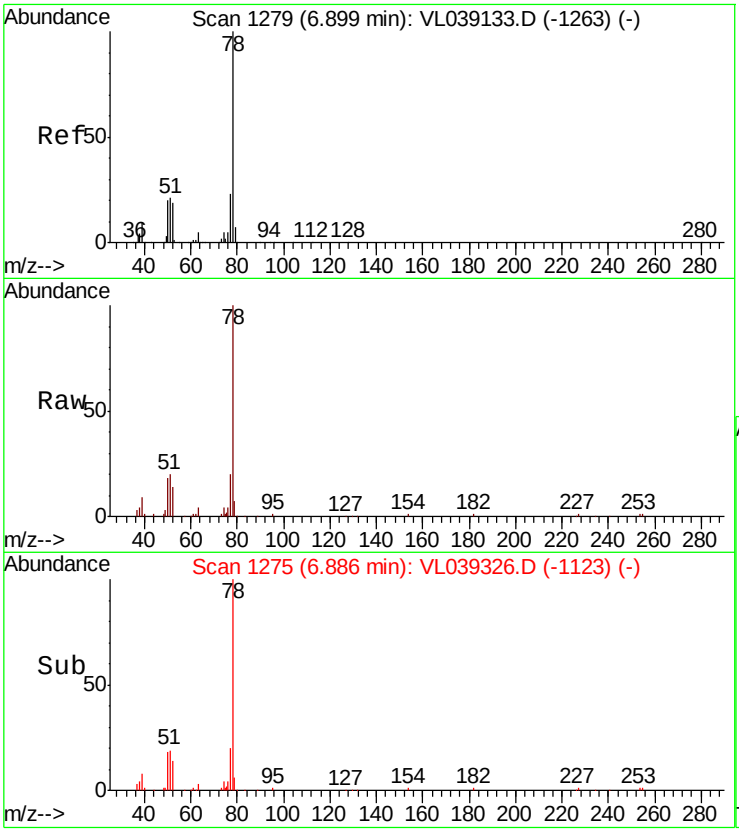


#35
Carbon Tetrachloride
Concen: 0.328 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:117 Resp: 80092

Ion	Ratio	Lower	Upper
117	100		
119	83.4	78.6	118.0
121	25.0	25.4	38.0#



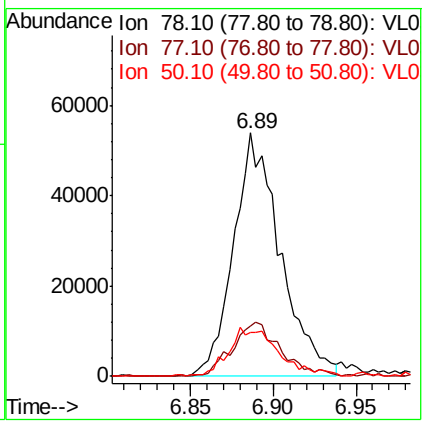


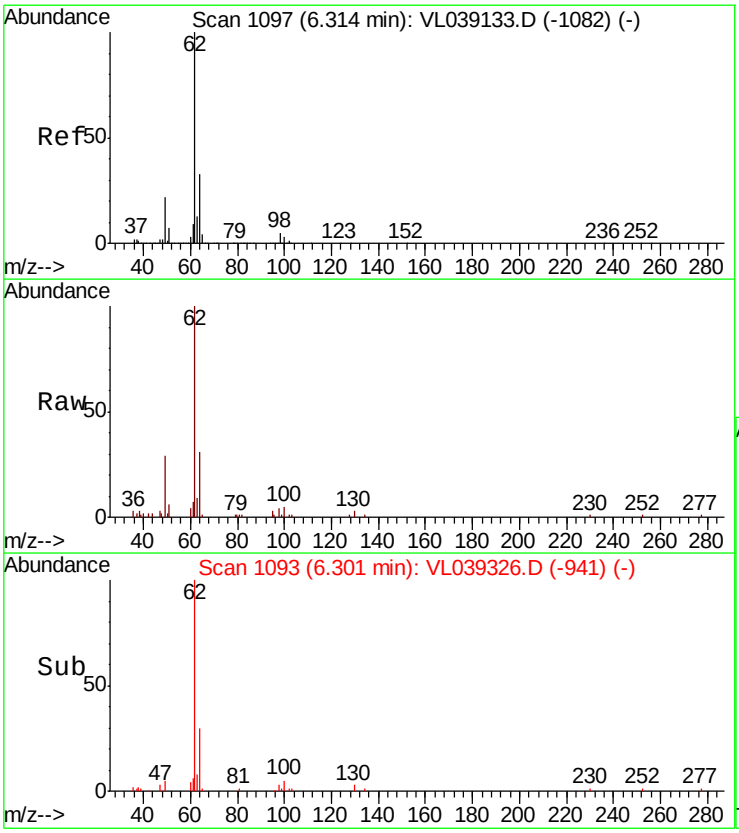
#36
Benzene
Concen: 0.385 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 78 Resp: 104417

Ion	Ratio	Lower	Upper
78	100		
77	20.5	18.6	27.8
50	18.2	15.8	23.8

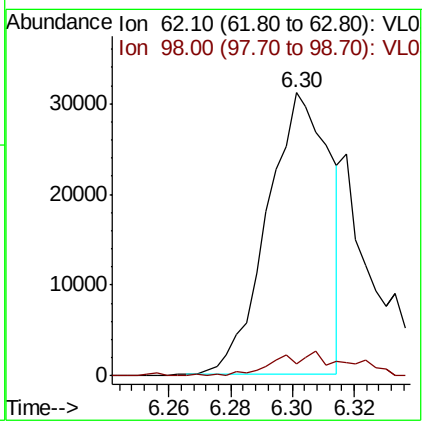


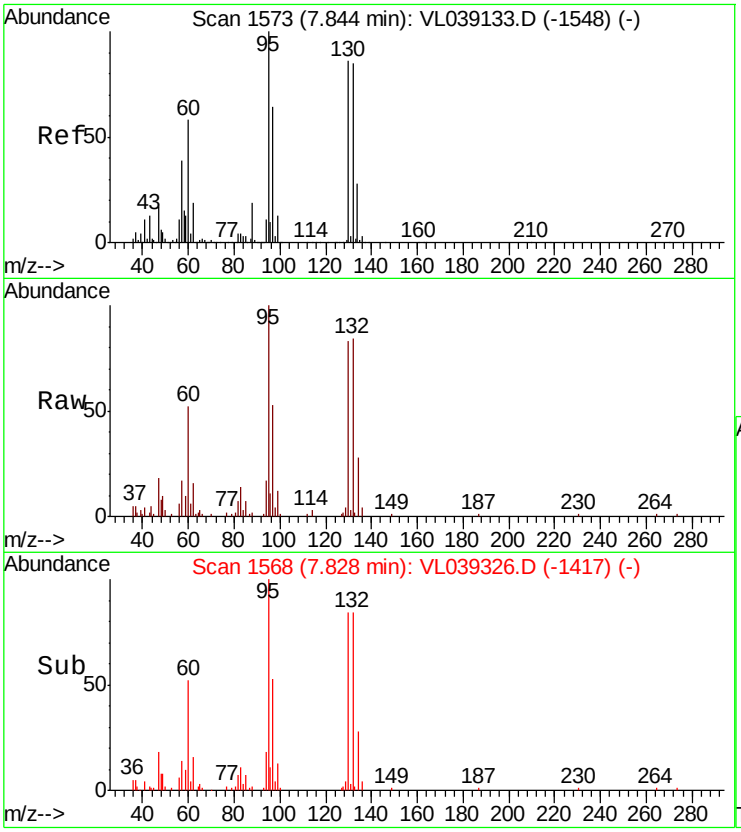


#37
1,2-Dichloroethane
Concen: 0.244 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 62 Resp: 43618

Ion	Ratio	Lower	Upper
62	100		
98	10.8	4.3	6.5#



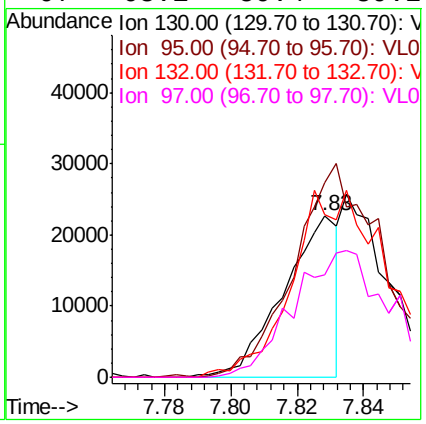


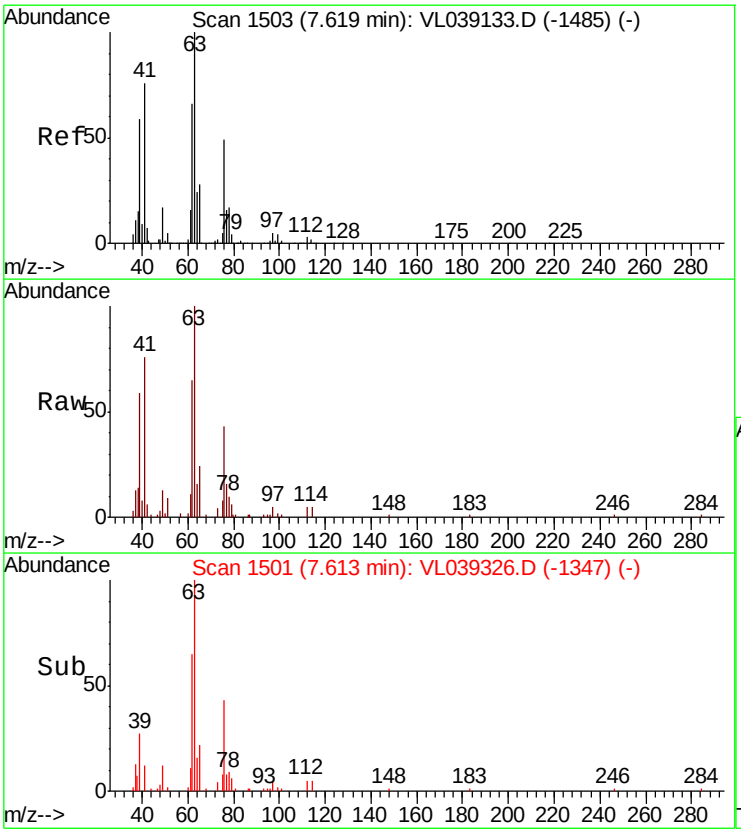
#38
Trichloroethene
Concen: 0.208 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:130 Resp: 25884

Ion	Ratio	Lower	Upper
130	100		
95	119.1	93.3	139.9
132	103.4	79.0	118.4
97	63.1	59.4	89.2

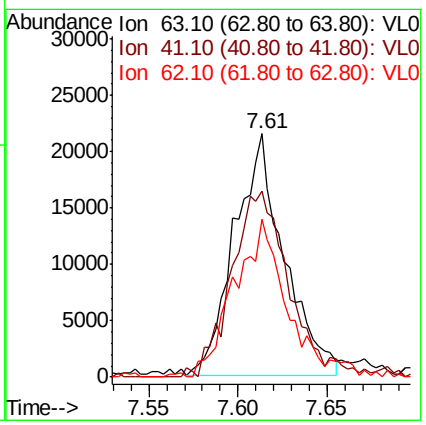


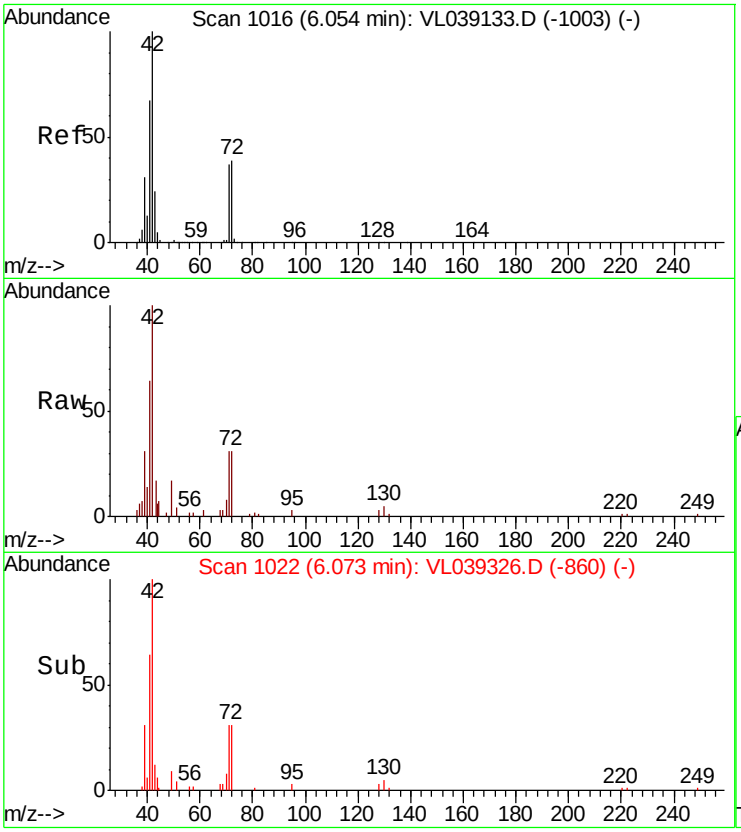


#39
1,2-Dichloropropane
Concen: 0.384 ppbv
RT: 7.61 min Scan# 1501
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 63 Resp: 41470

Ion	Ratio	Lower	Upper
63	100		
41	73.2	60.8	91.2
62	65.5	52.9	79.3



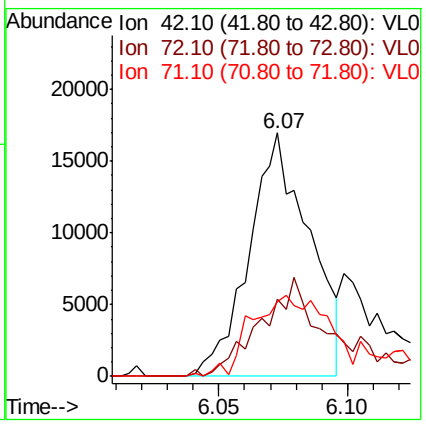


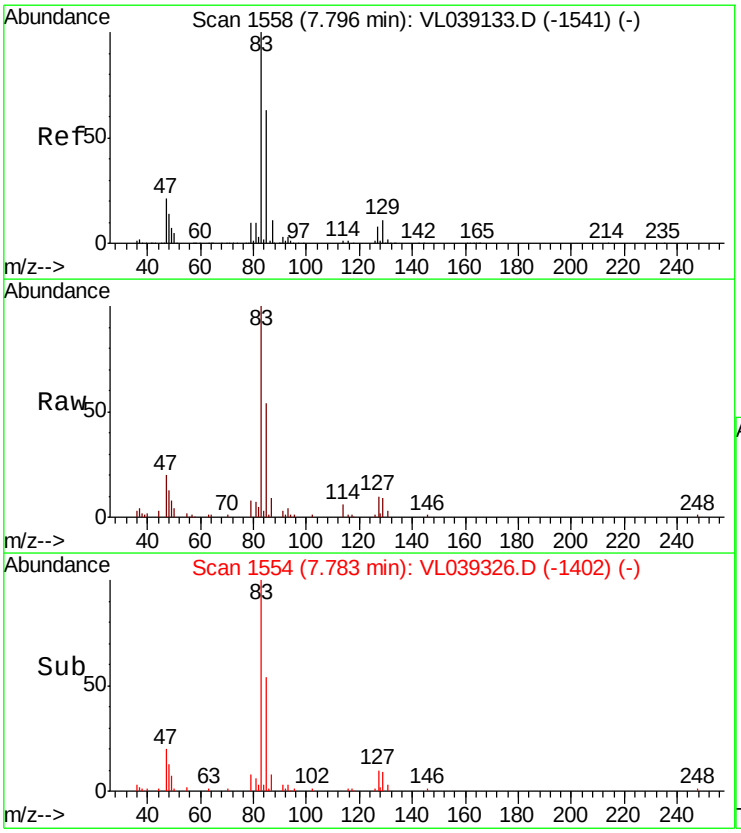
#41
Tetrahydrofuran
Concen: 0.253 ppbv
RT: 6.07
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 42 Resp: 27690

Ion	Ratio	Lower	Upper
42	100		
72	52.9	32.0	48.0#
71	57.8	31.1	46.7#

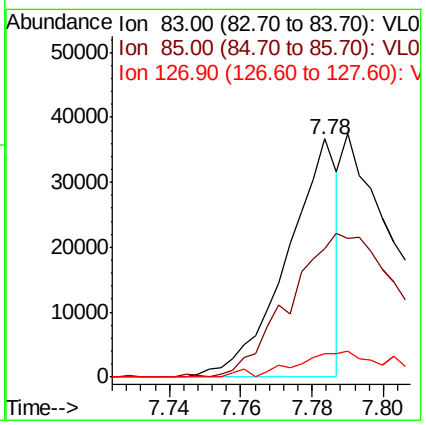


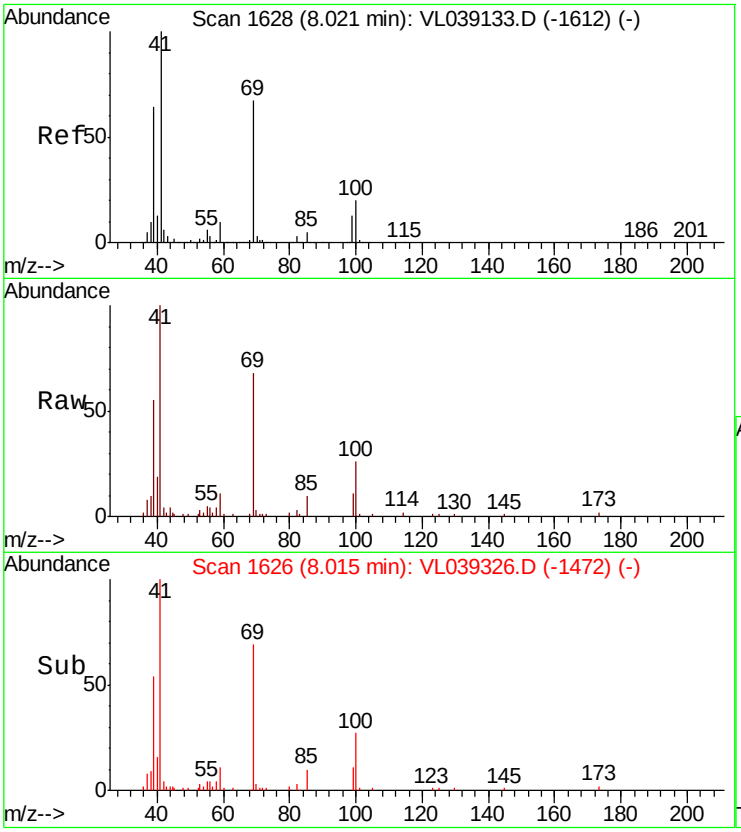


#42
Bromodichloromethane
Concen: 0.145 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 83 Resp: 36045

Ion	Ratio	Lower	Upper
83	100		
85	52.5	50.2	75.4
127	9.4	6.6	9.8



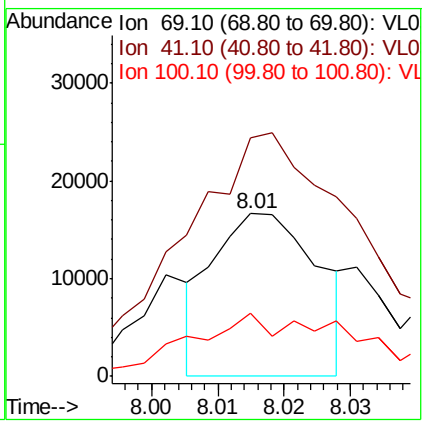


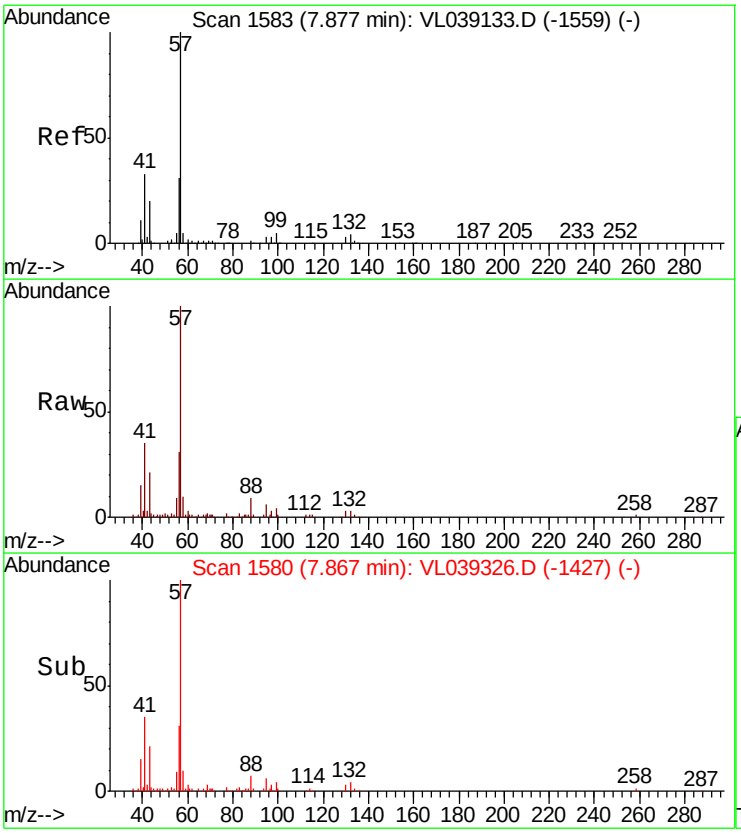
#43
Methyl Methacrylate
Concen: 0.173 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 69 Resp: 18315

Ion	Ratio	Lower	Upper
69	100		
41	296.0	121.9	182.9#
100	69.5	24.1	36.1#

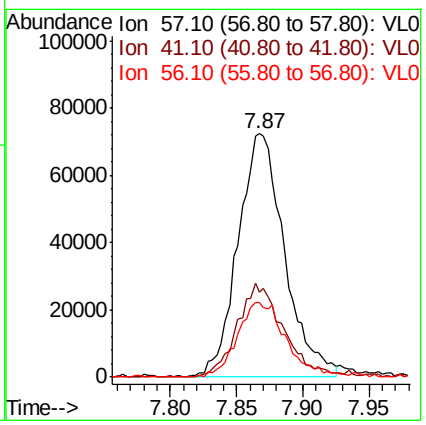


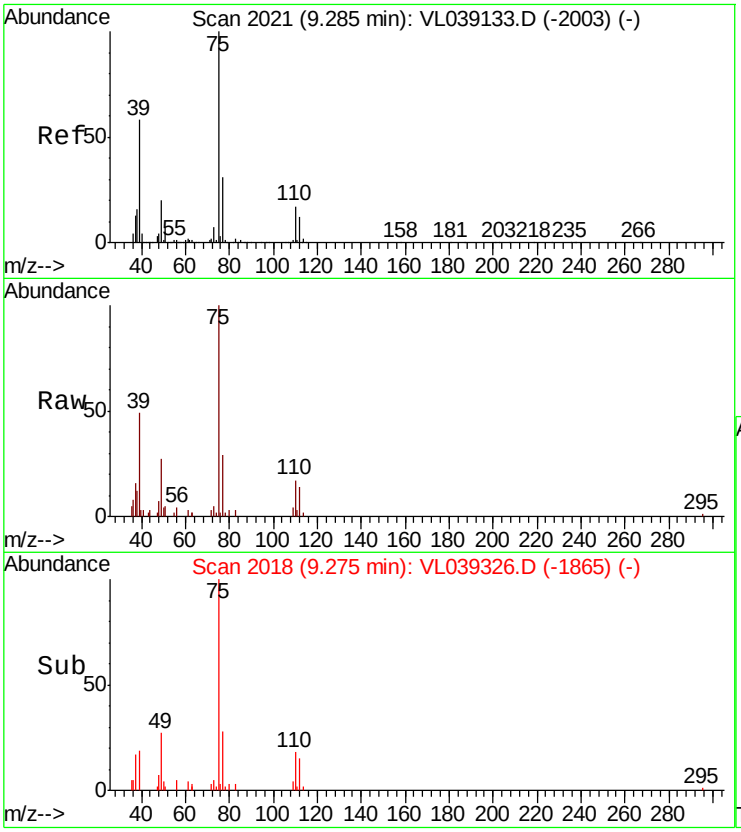


#44
2,2,4-Trimethylpentane
Concen: 0.371 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 57 Resp: 176032

Ion	Ratio	Lower	Upper
57	100		
41	39.5	26.2	39.4#
56	32.8	24.7	37.1



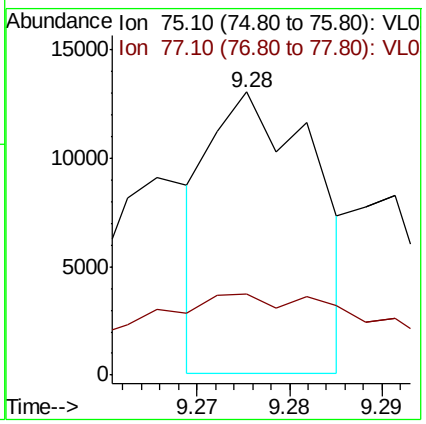


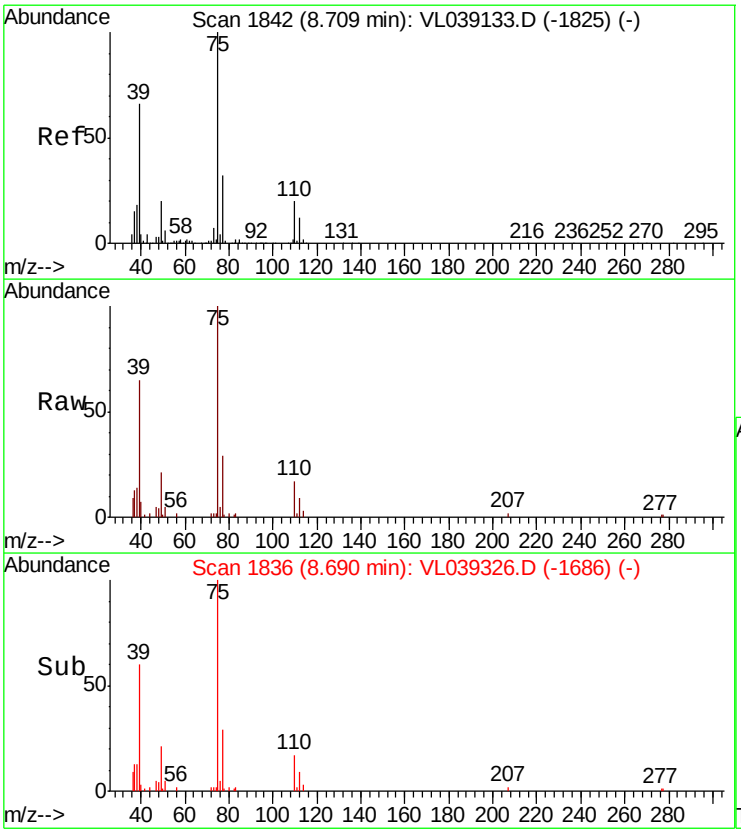
#45
t-1,3-Dichloropropene
Concen: 0.093 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 75 Resp: 10296

Ion	Ratio	Lower	Upper
75	100		
77	28.5	24.4	36.6

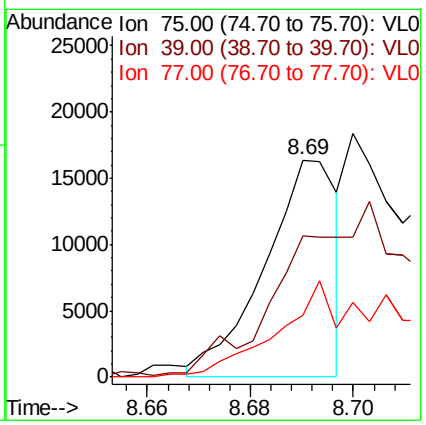


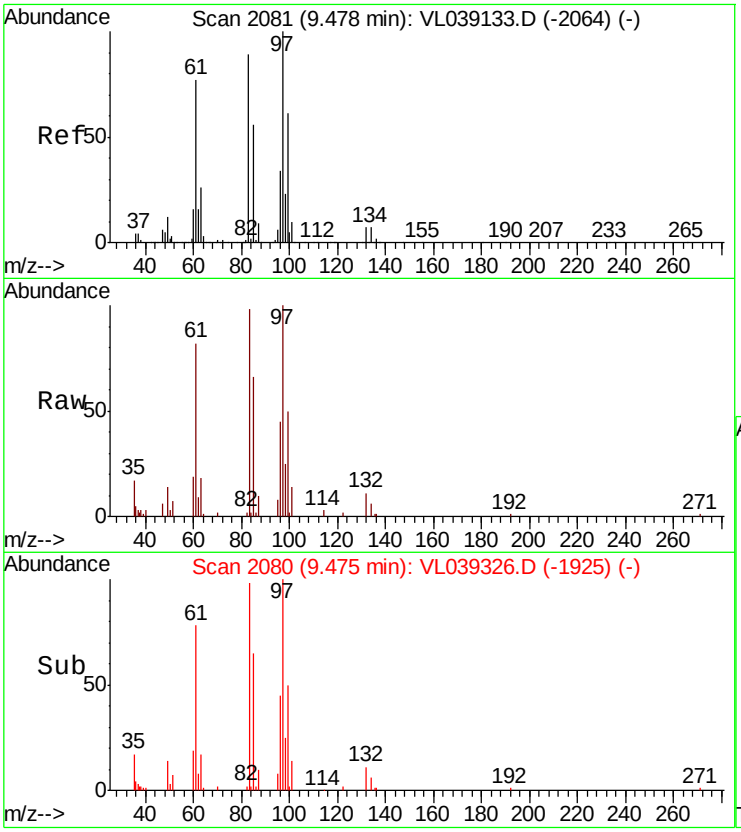


#46
cis-1,3-Dichloropropene
Concen: 0.109 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.02 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 75 Resp: 15892

Ion	Ratio	Lower	Upper
75	100		
39	66.5	52.4	78.6
77	28.8	25.5	38.3



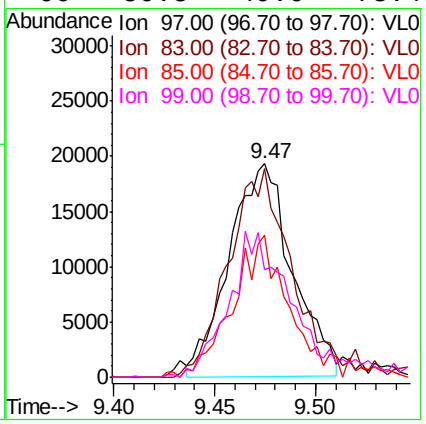


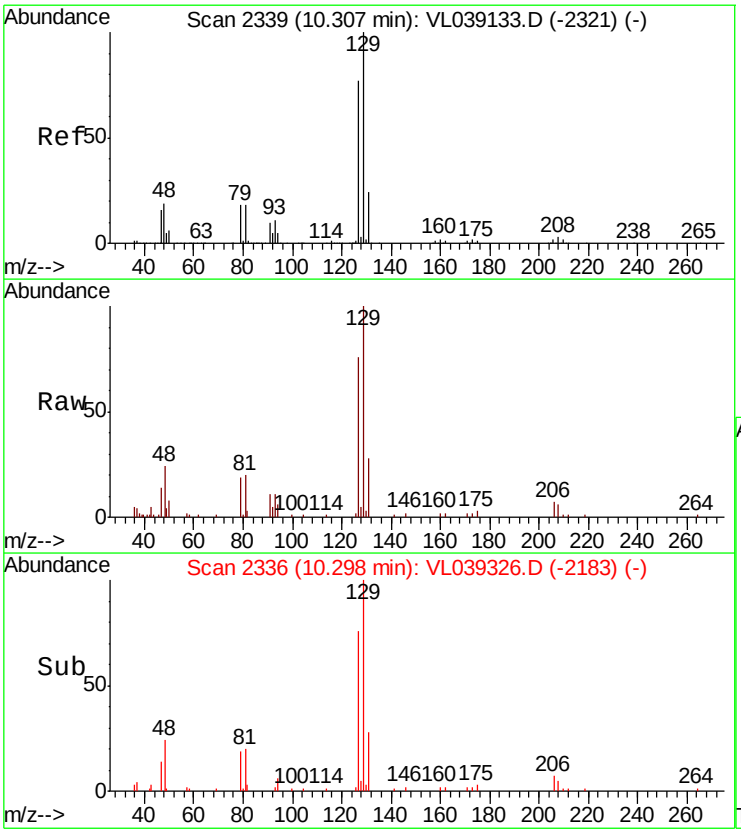
#47
1,1,2-Trichloroethane
Concen: 0.373 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 97 Resp: 42019

Ion	Ratio	Lower	Upper
97	100		
83	97.7	71.6	107.4
85	66.4	44.8	67.2
99	50.8	49.0	73.4

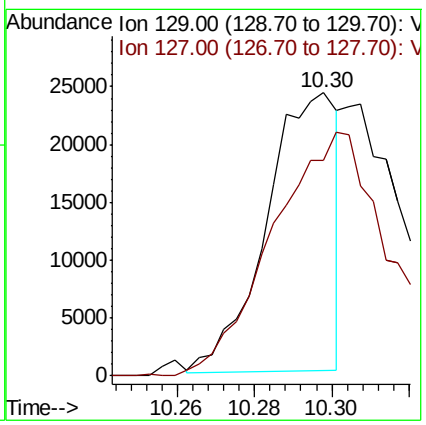


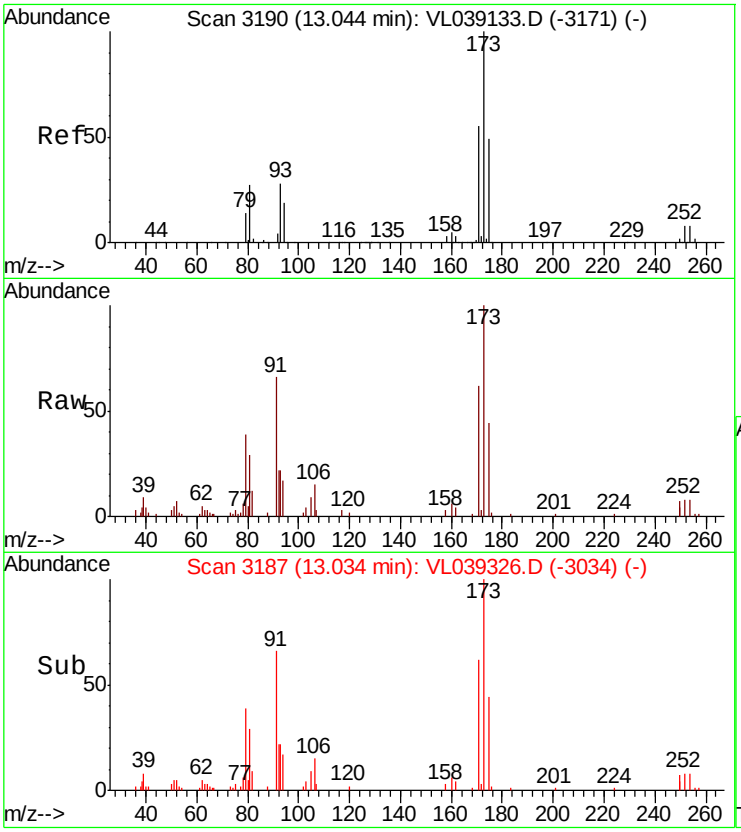


#48
Dibromochloromethane
Concen: 0.152 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:129 Resp: 30661

Ion	Ratio	Lower	Upper
129	100		
127	153.3	40.0	119.9#



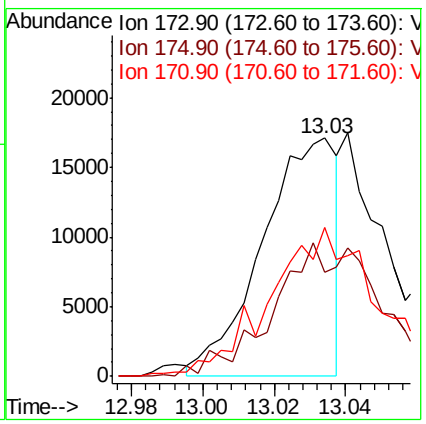


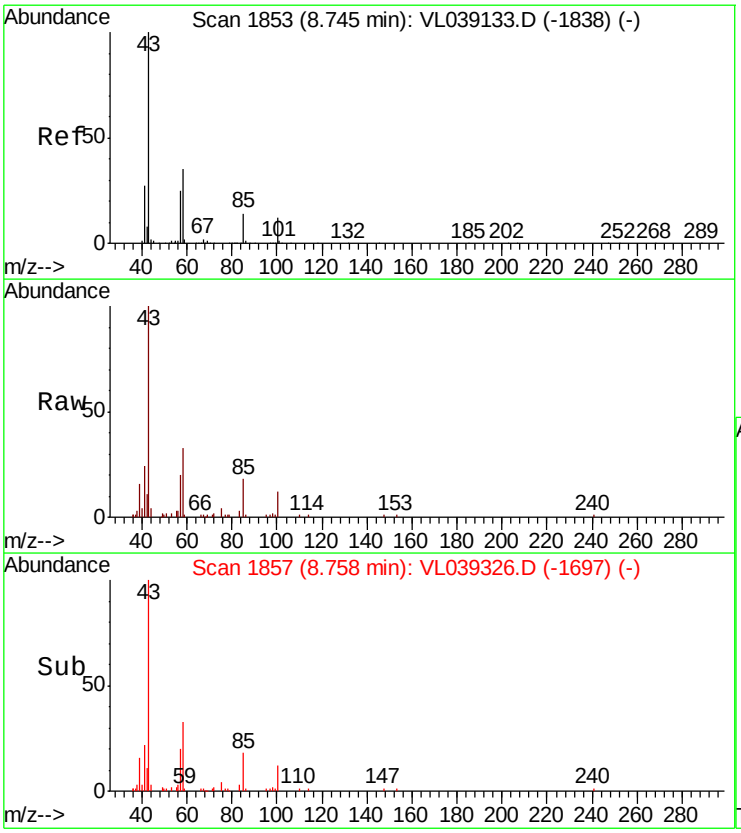
#49
Bromoform
Concen: 0.147 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:173 Resp: 24723

Ion	Ratio	Lower	Upper
173	100		
175	86.8	40.2	60.2#
171	97.1	43.9	65.9#

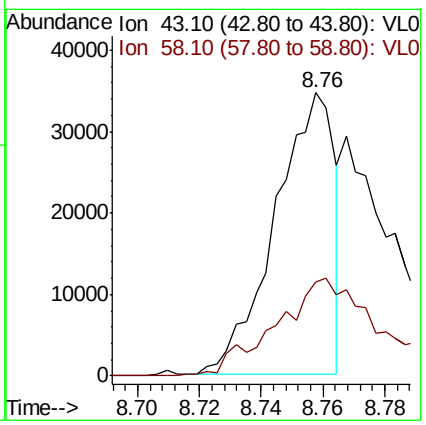


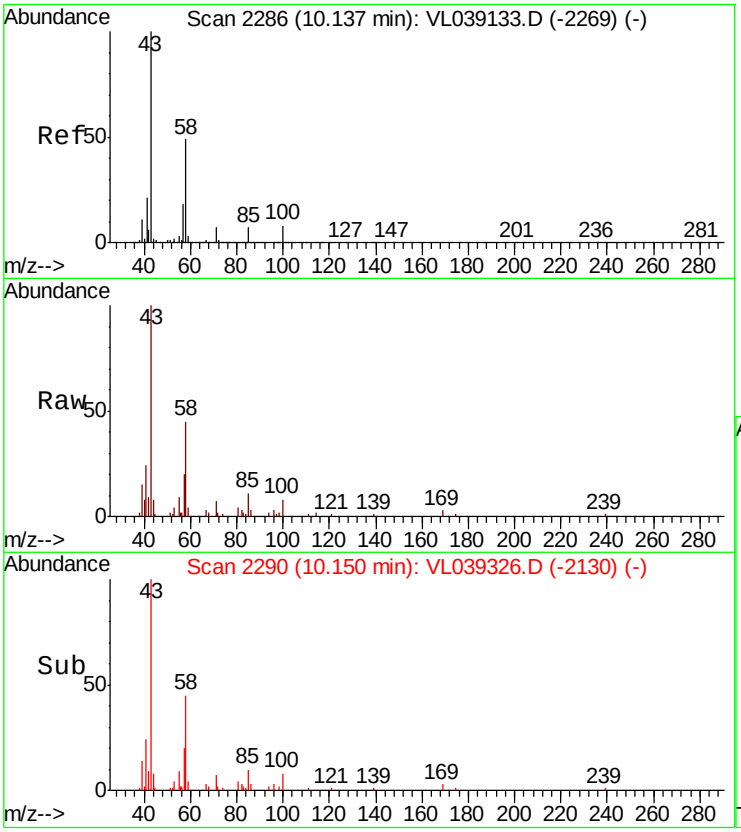


#50
4-Methyl-2-Pentanone
Concen: 0.169 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 43 Resp: 46065

Ion	Ratio	Lower	Upper
43	100		
58	65.6	28.7	43.1#



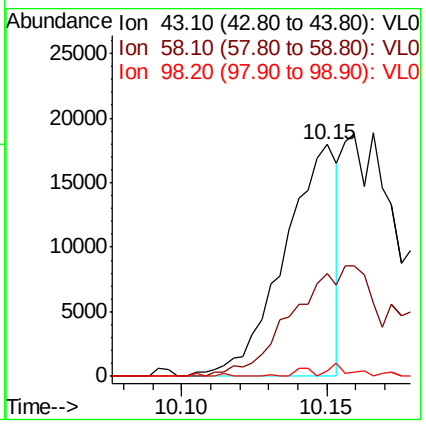


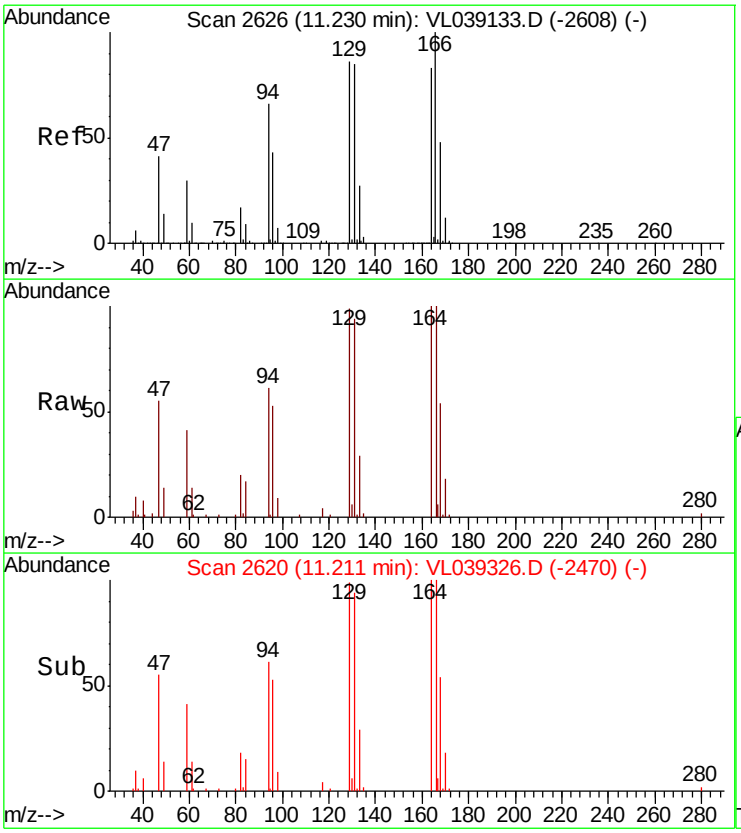
#51
2-Hexanone
Concen: 0.108 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43 Resp: 22824

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	4.4	0.1	0.1#

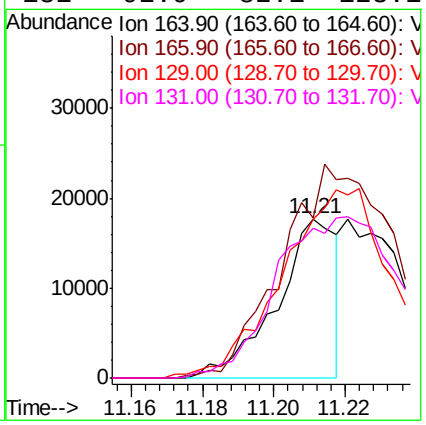


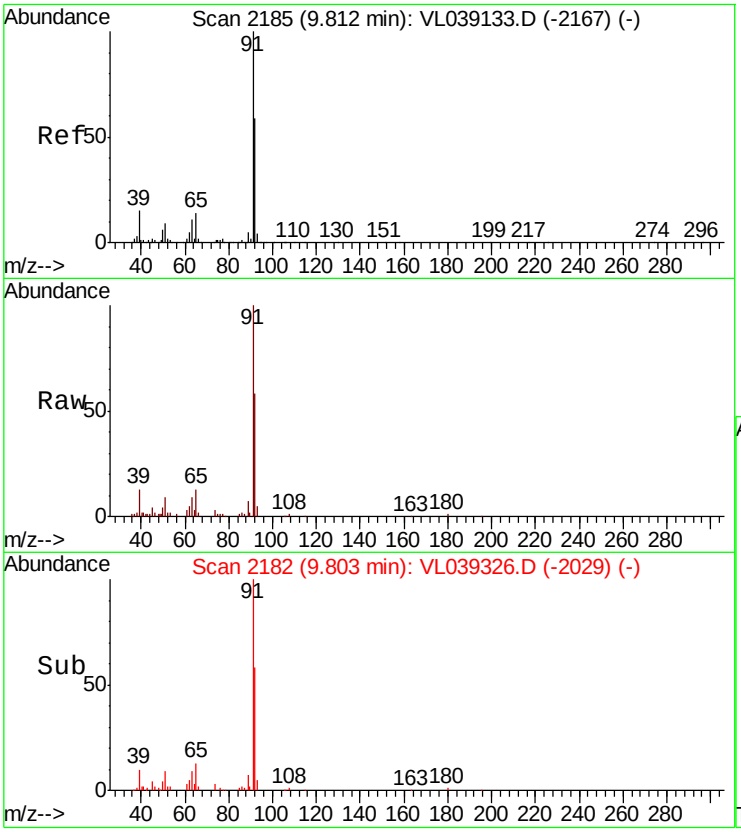


#52
Tetrachloroethene
Concen: 0.194 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.02 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:164 Resp: 20514

Ion	Ratio	Lower	Upper
164	100		
166	98.7	96.3	144.5
129	97.1	82.5	123.7
131	92.9	82.1	123.1



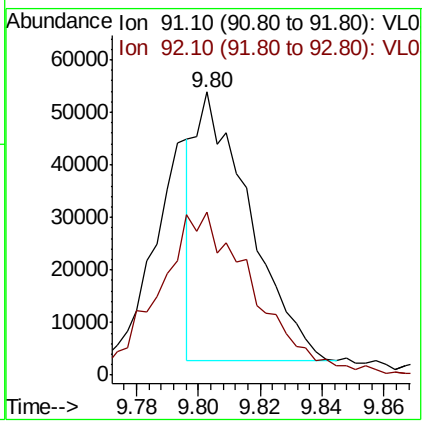


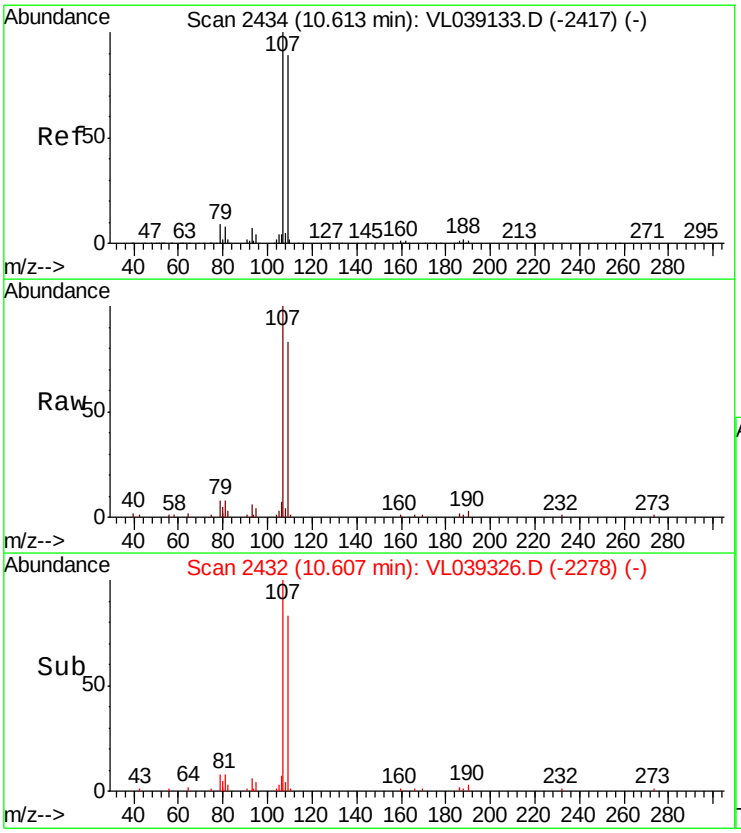
#53
Toluene
Concen: 0.199 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 62152

Ion	Ratio	Lower	Upper
91	100		
92	107.5	48.1	72.1#

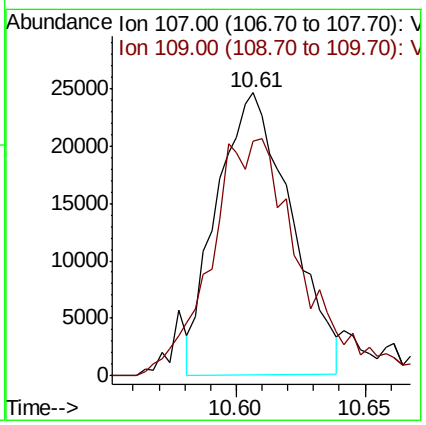


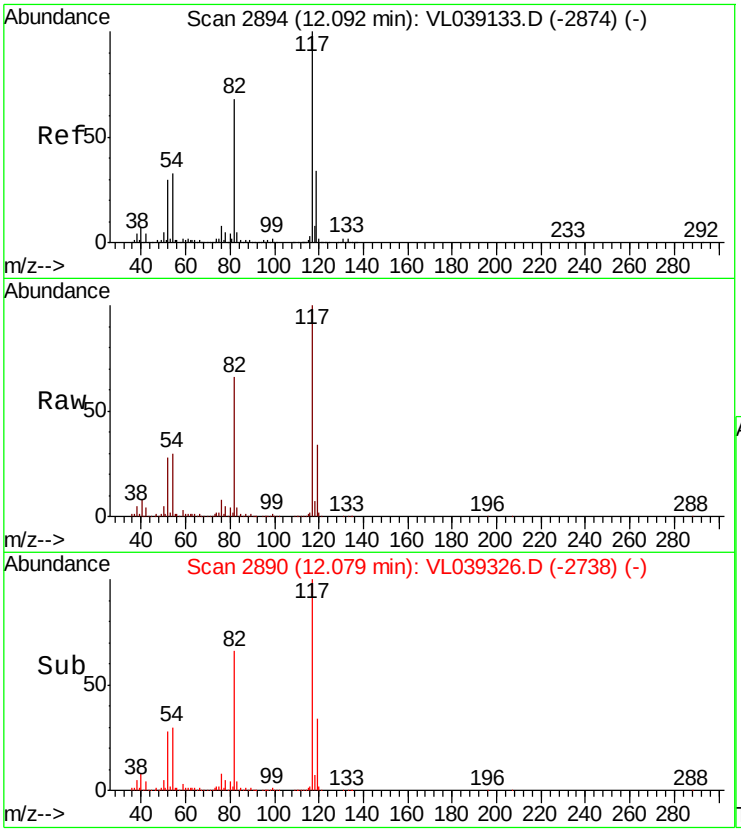


#54
1,2-Dibromoethane
Concen: 0.323 ppbv
RT: 10.61 min Scan# 2432
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:107 Resp: 48895

Ion	Ratio	Lower	Upper
107	100		
109	77.6	71.4	107.0



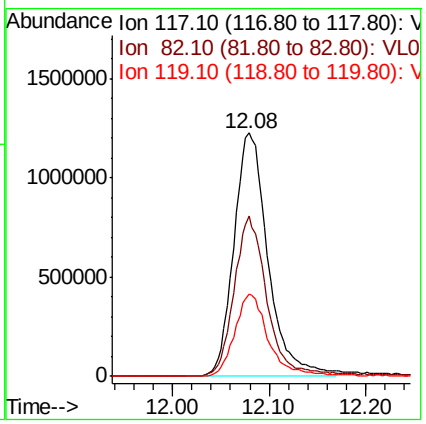


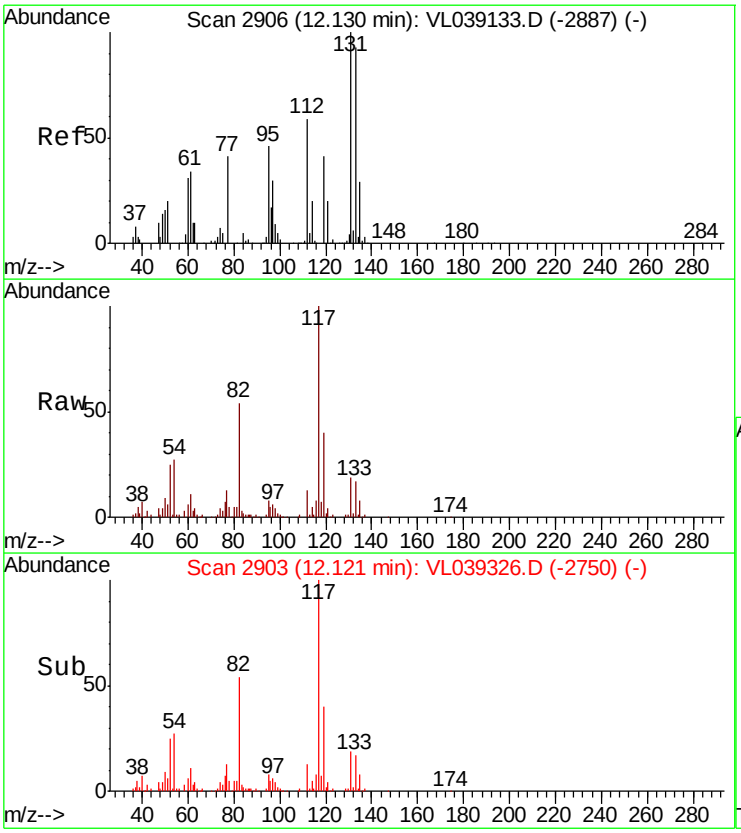
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:117 Resp: 3004194

Ion	Ratio	Lower	Upper
117	100		
82	64.8	55.1	82.7
119	33.4	24.7	37.1

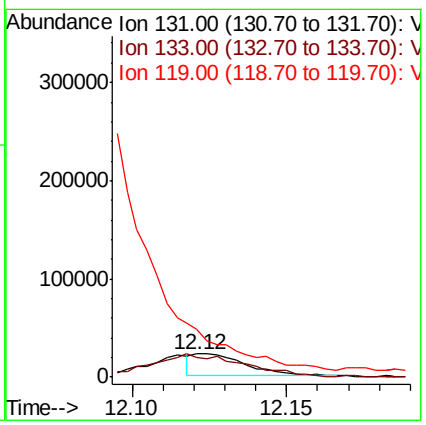


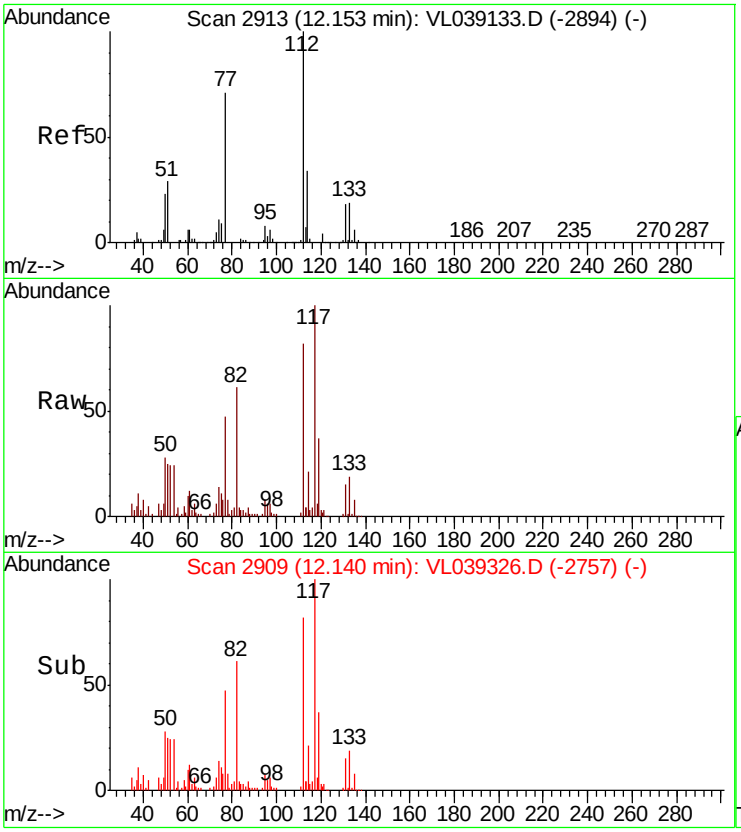


#56
1,1,1,2-Tetrachloroethane
Concen: 0.191 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:131 Resp: 27103

Ion	Ratio	Lower	Upper
131	100		
133	193.3	78.6	117.8#
119	0.0	51.7	77.5#



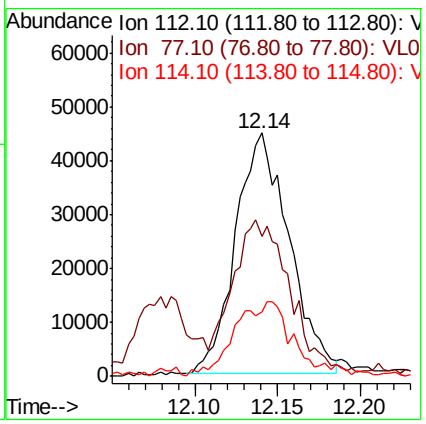


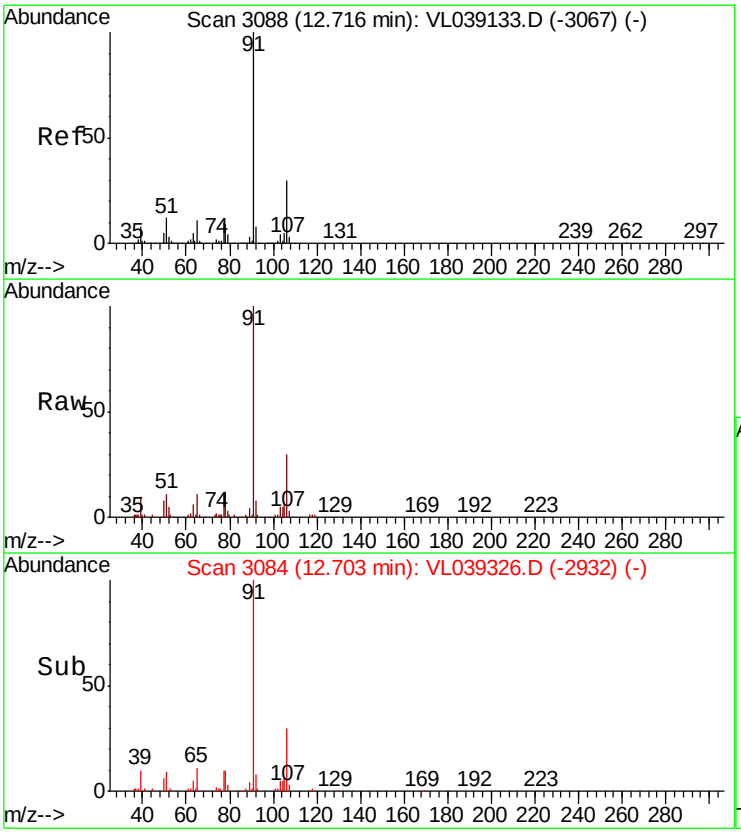
#57
Chlorobenzene
Concen: 0.445 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:112 Resp: 100606

Ion	Ratio	Lower	Upper
112	100		
77	53.0	56.5	84.7#
114	26.5	30.3	37.1#

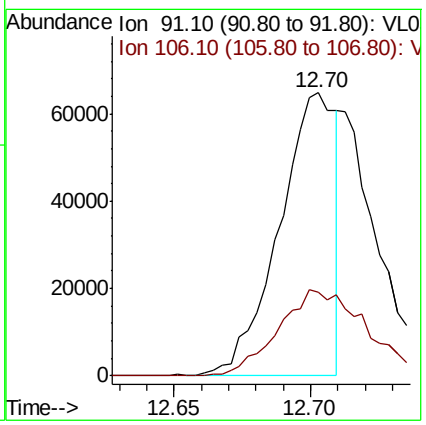


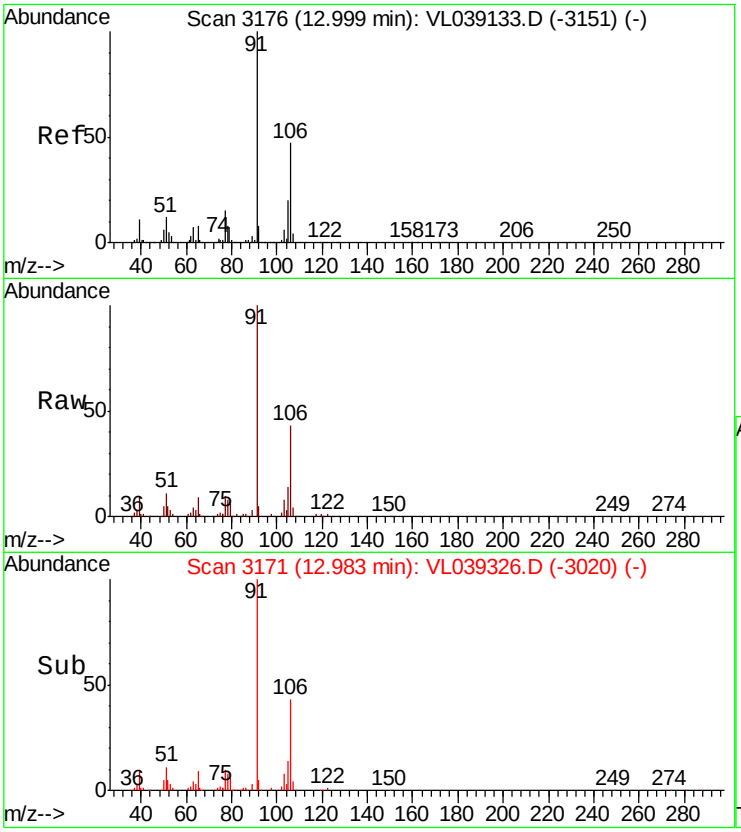


#58
Ethyl Benzene
Concen: 0.226 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 91 Resp: 93492

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.2	36.4



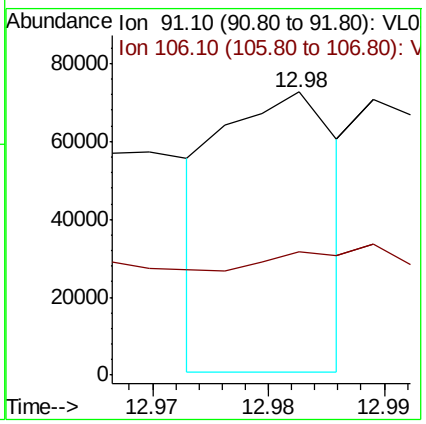


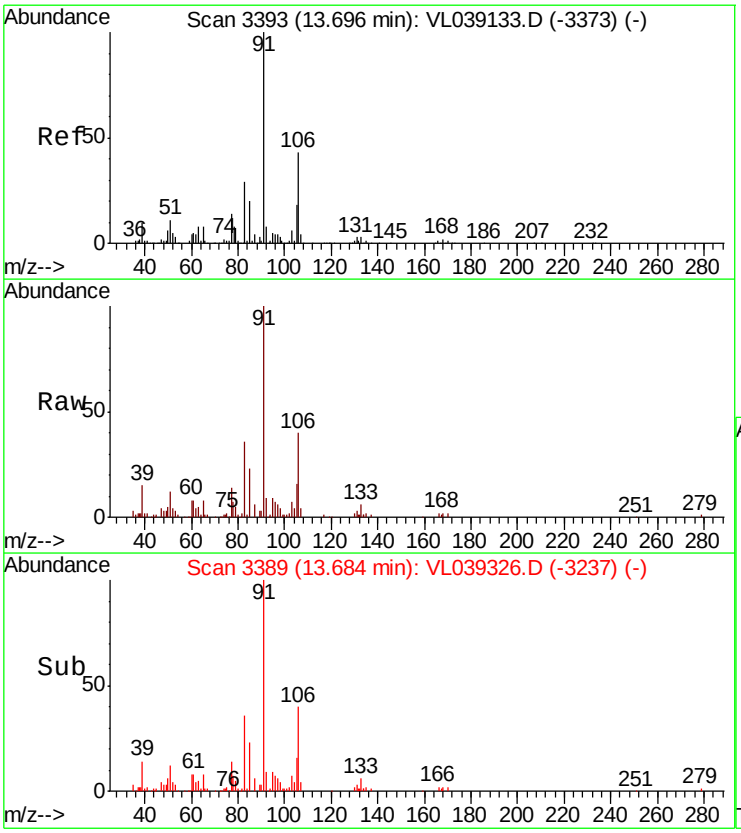
#59
m/p-Xylene
Concen: 0.138 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 50468

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.3	51.5#

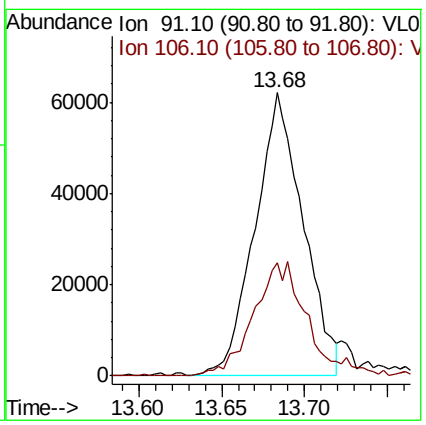


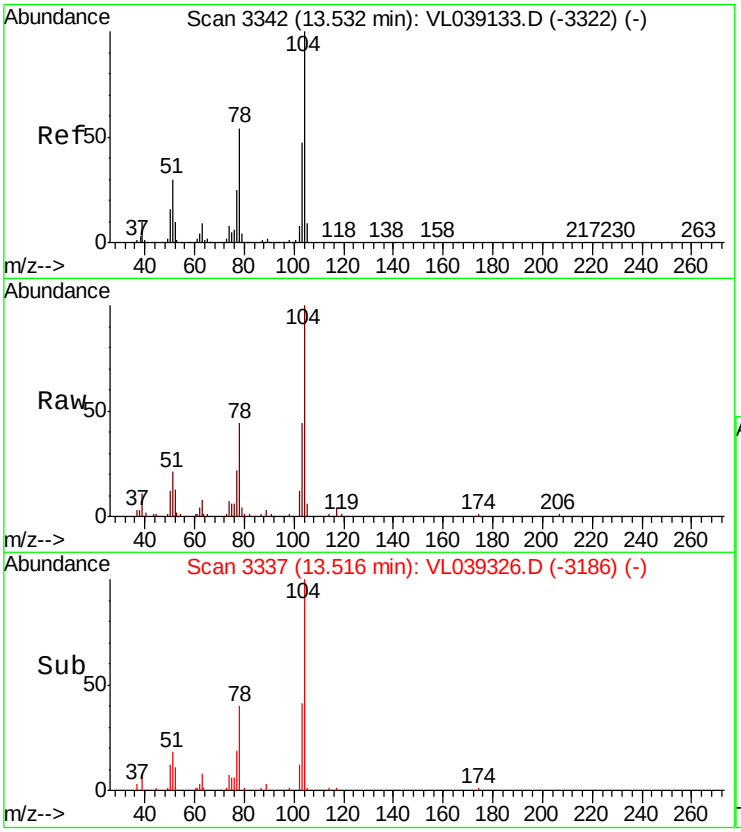


#60
o-Xylene
Concen: 0.364 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 91 Resp: 124777

Ion	Ratio	Lower	Upper
91	100		
106	45.0	22.3	66.9



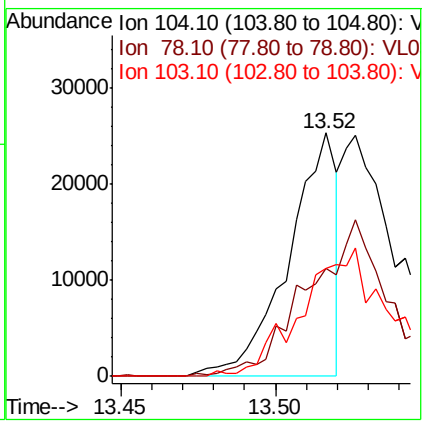


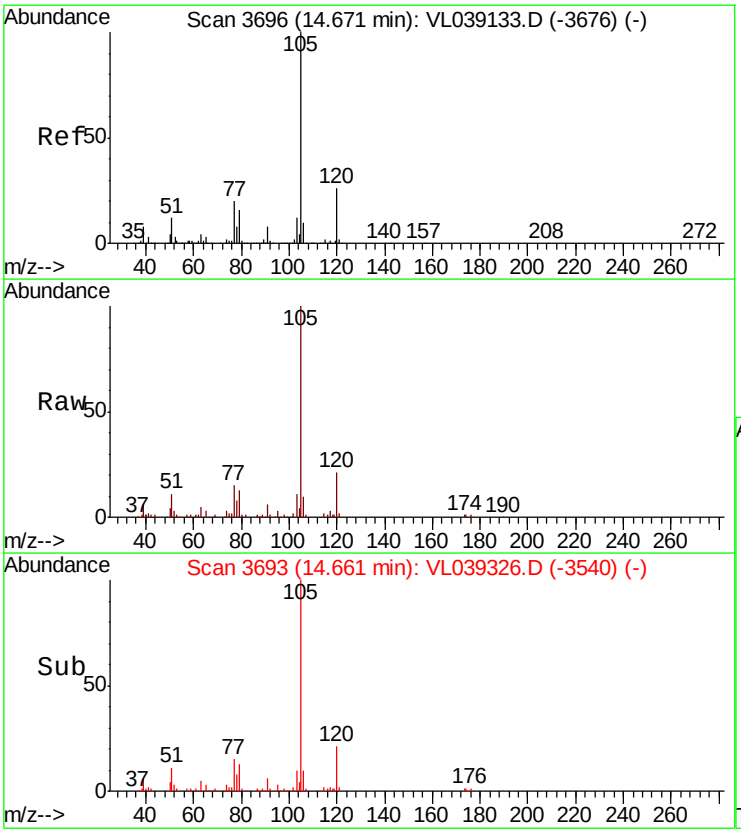
#61
Stvrene
Concen: 0.150 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:104 Resp: 27434

Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.7	68.5#
103	0.0	39.6	59.4#

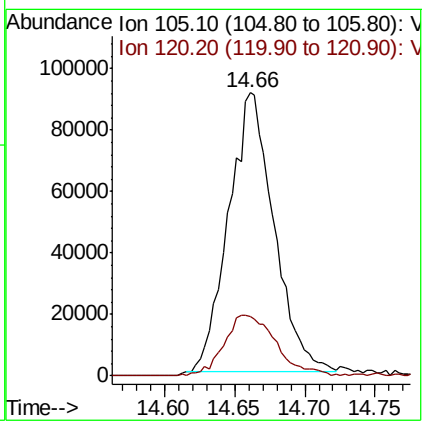


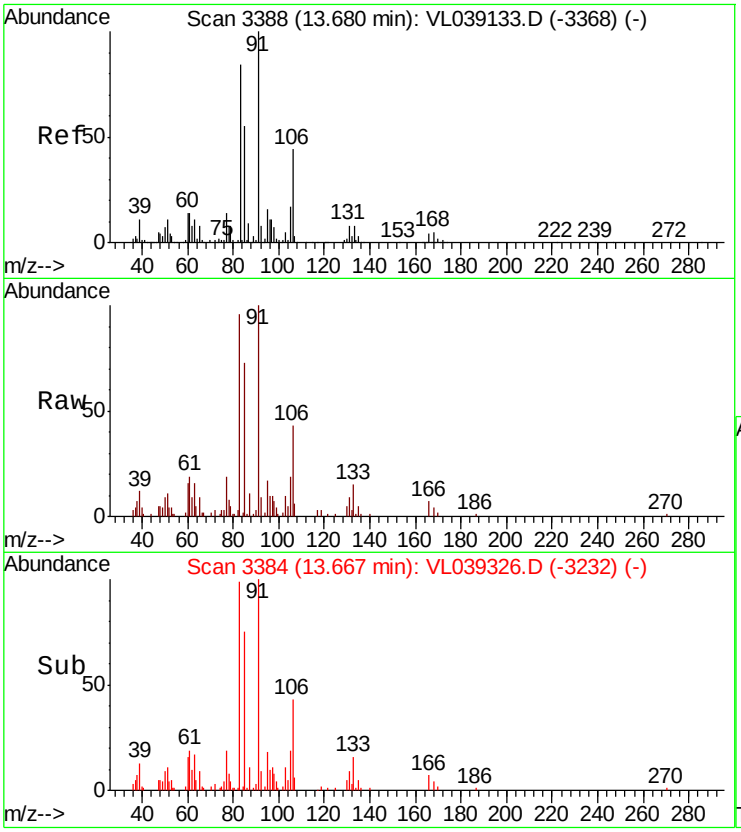


#62
Isopropylbenzene
Concen: 0.403 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:105 Resp: 204875

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.3	30.5



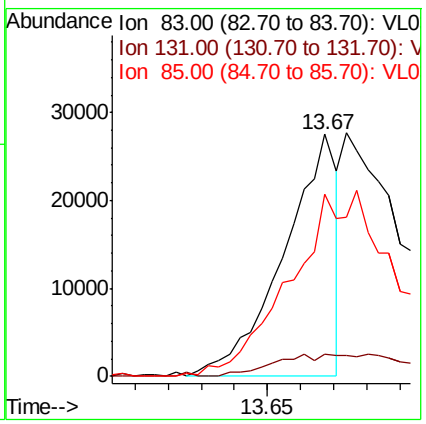


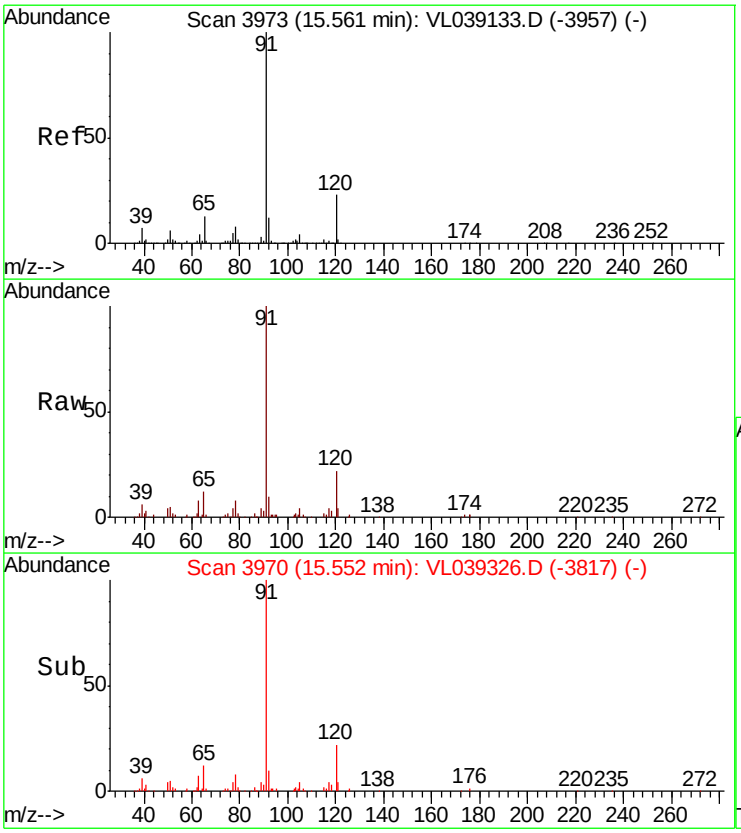
#63
1,1,2,2-Tetrachloroethane
Concen: 0.160 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 83 Resp: 30847

Ion	Ratio	Lower	Upper
83	100		
131	23.8	4.8	14.3#
85	0.0	33.0	99.0#

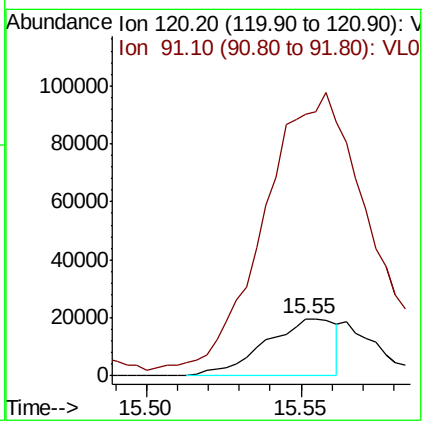


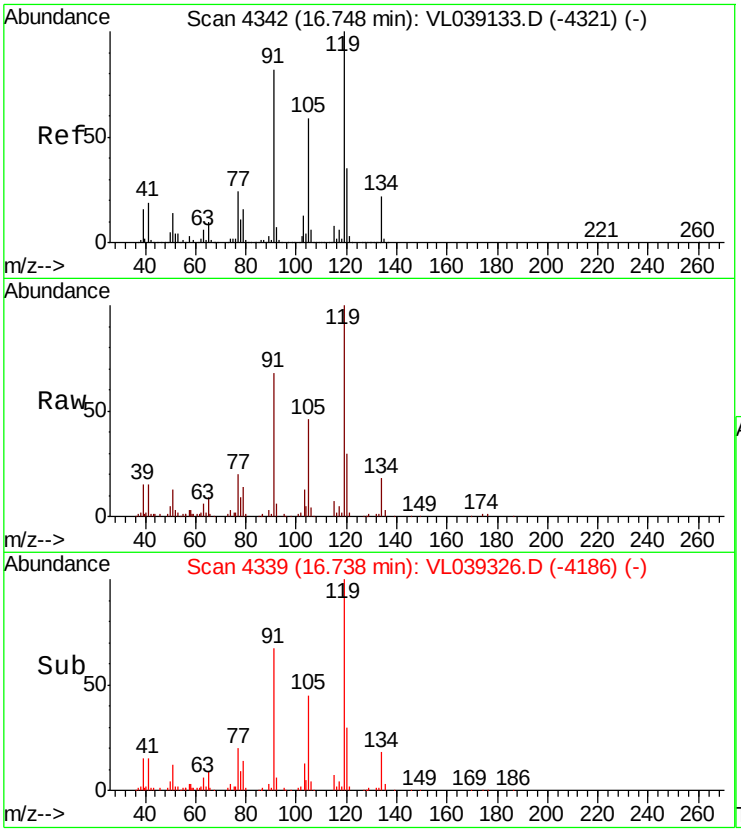


#64
n-propylbenzene
Concen: 0.250 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:120 Resp: 31231

Ion	Ratio	Lower	Upper
120	100		
91	468.7	388.4	582.6



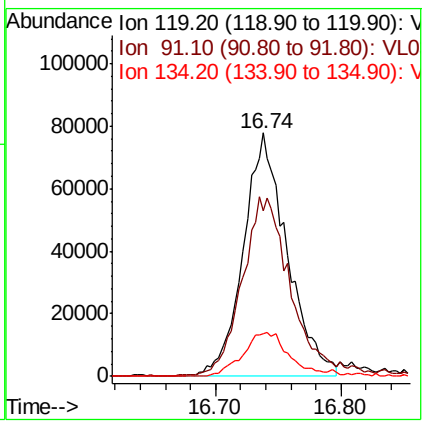


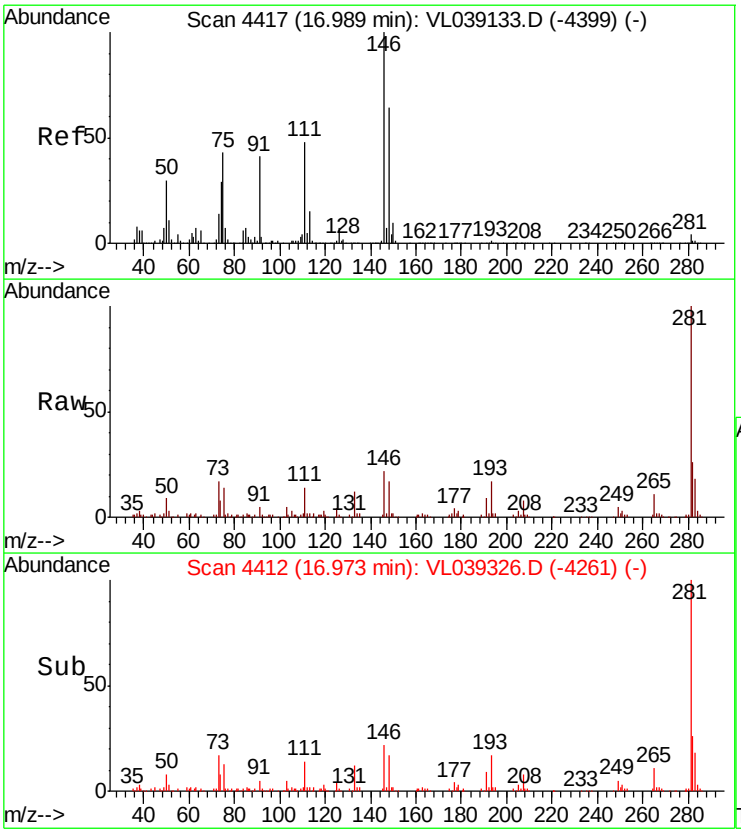
#65
tert-Butylbenzene
Concen: 0.405 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:119 Resp: 188359

Ion	Ratio	Lower	Upper
119	100		
91	84.1	67.1	100.7
134	19.7	15.8	23.8

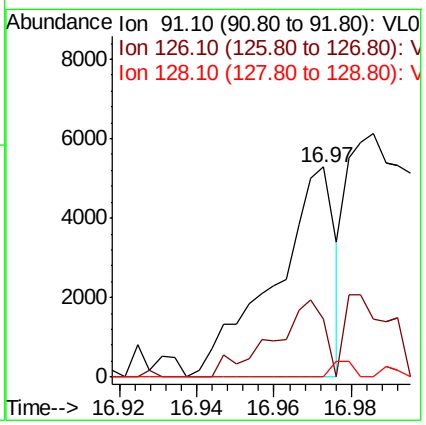


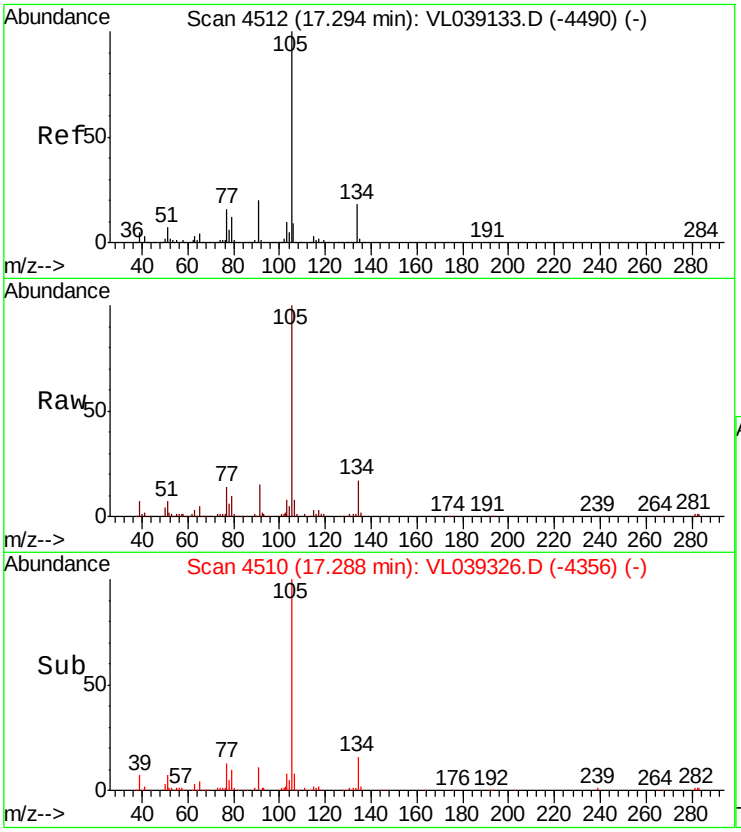


#66
Benzyl Chloride
Concen: 0.095 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.02 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 91 Resp: 5748

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.4	20.0#
128	0.0	4.1	6.1#



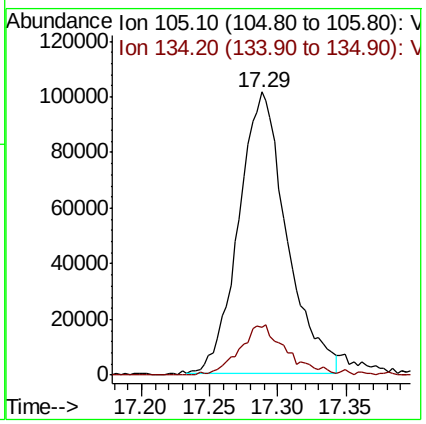


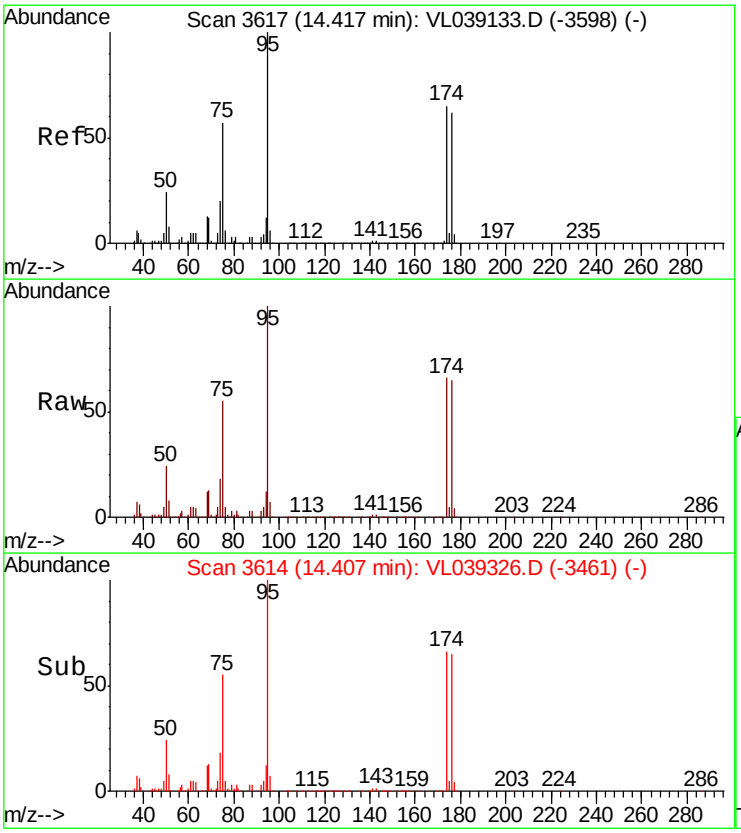
#67
sec-Butylbenzene
Concen: 0.389 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:105 Resp: 247124

Ion	Ratio	Lower	Upper
105	100		
134	18.2	14.4	21.6

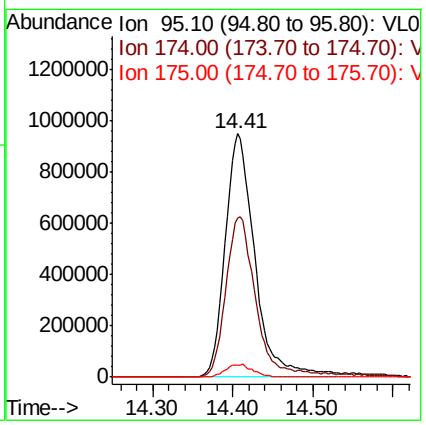


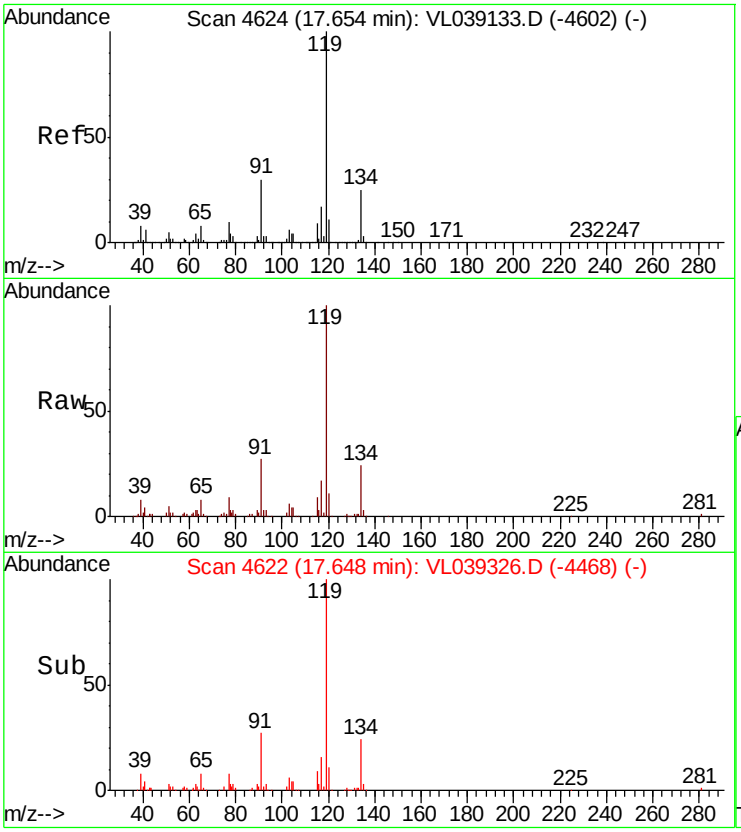


#68
1-Bromo-4-Fluorobenzene
Concen: 9.662 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 95 Resp: 2399629

Ion	Ratio	Lower	Upper
95	100		
174	68.4	53.8	80.8
175	5.0	4.1	6.1



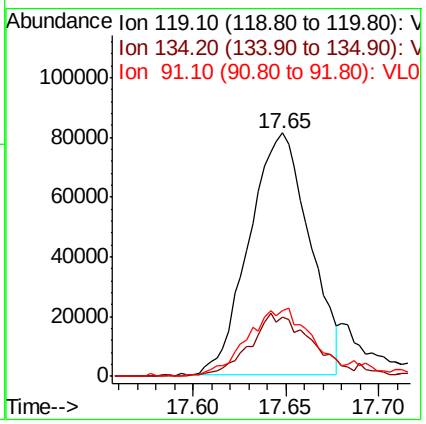


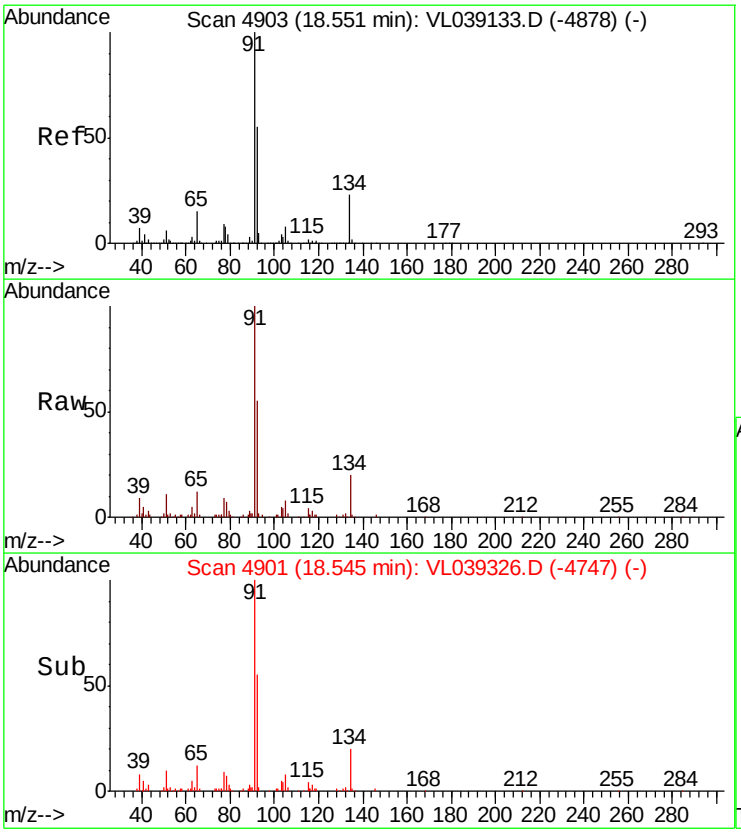
#69
p-Isopropyltoluene
Concen: 0.342 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:119 Resp: 183374

Ion	Ratio	Lower	Upper
119	100		
134	28.4	20.4	30.6
91	34.4	24.2	36.4

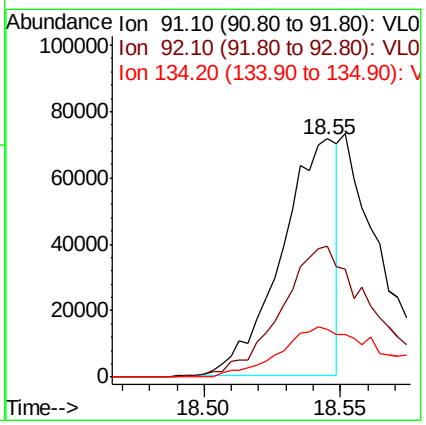


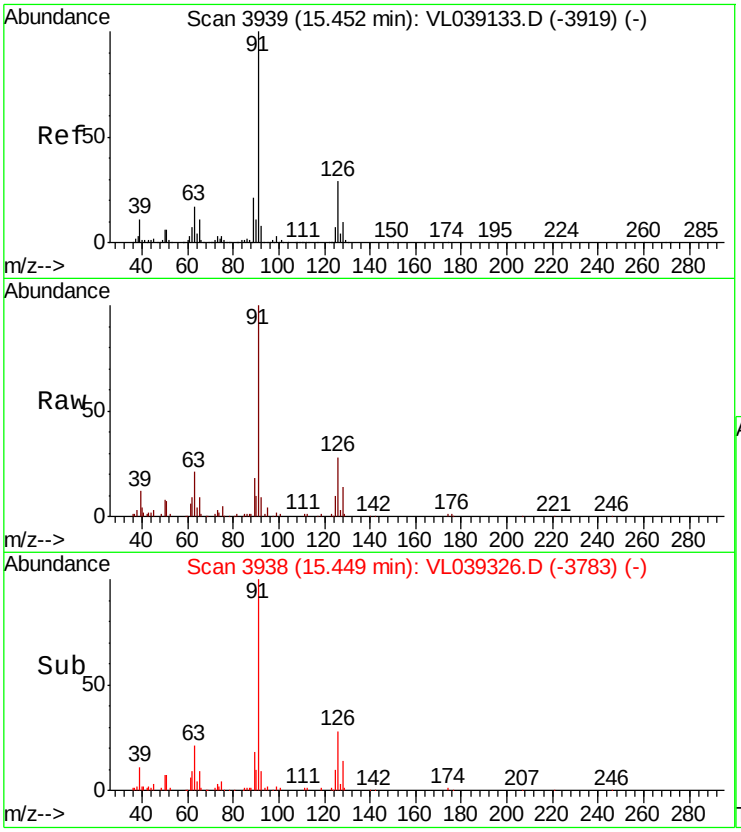


#70
n-Butylbenzene
Concen: 0.184 ppbv
RT: 18.55 min Scan# 4901
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 91 Resp: 101147

Ion	Ratio	Lower	Upper
91	100		
92	95.6	43.6	65.4#
134	39.8	17.7	26.5#



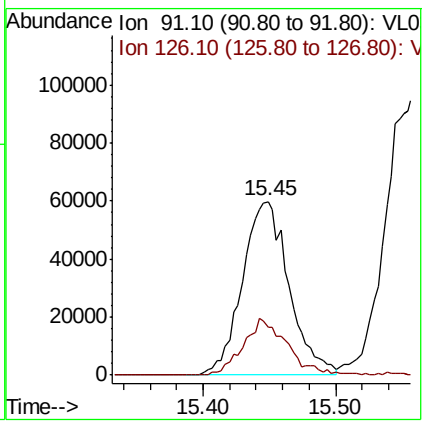


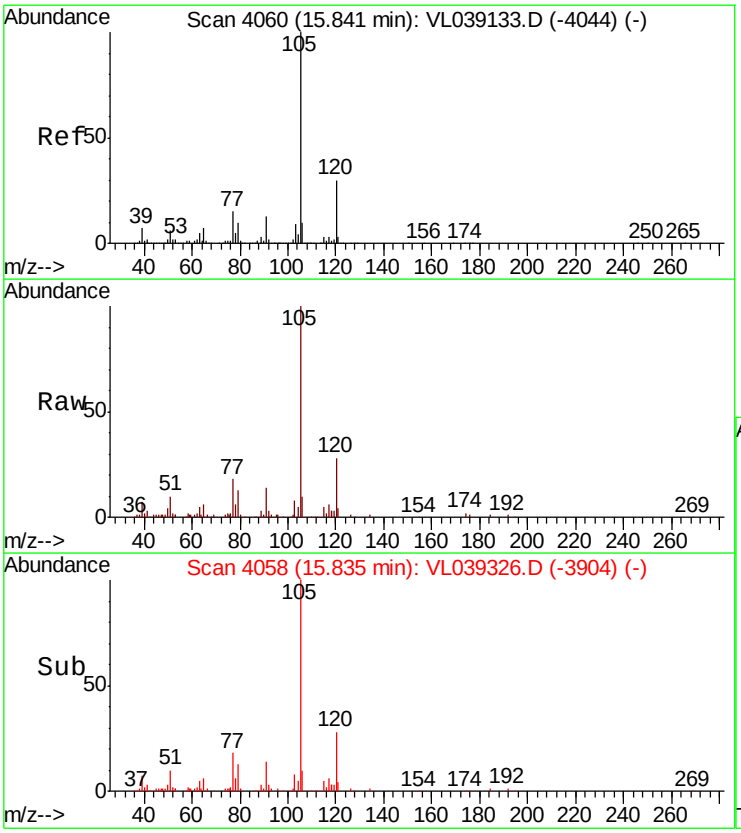
#71
2-Chlorotoluene
Concen: 0.377 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 146292

Ion	Ratio	Lower	Upper
91	100		
126	31.1	12.2	48.6

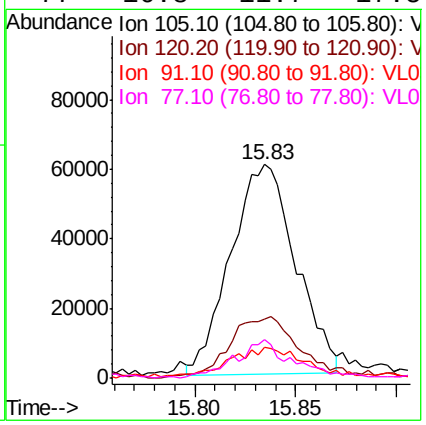


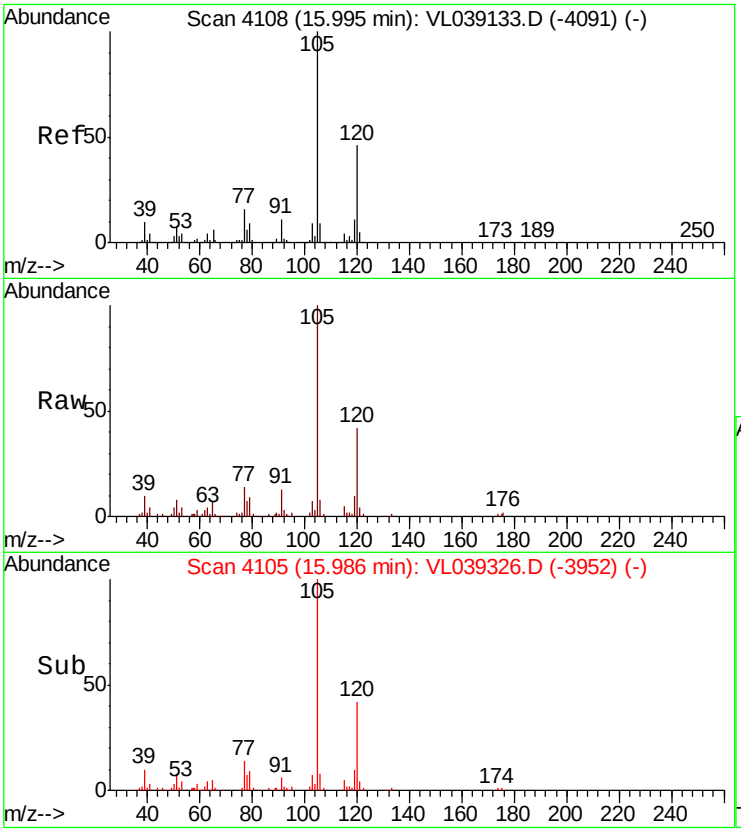


#72
4-Ethyltoluene
Concen: 0.337 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:105 Resp: 135383

Ion	Ratio	Lower	Upper
105	100		
120	33.0	23.9	35.9
91	15.0	10.6	16.0
77	16.8	11.7	17.5



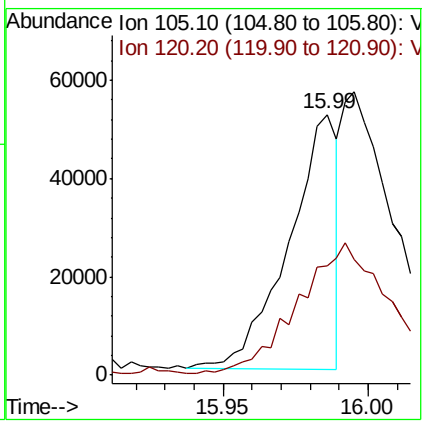


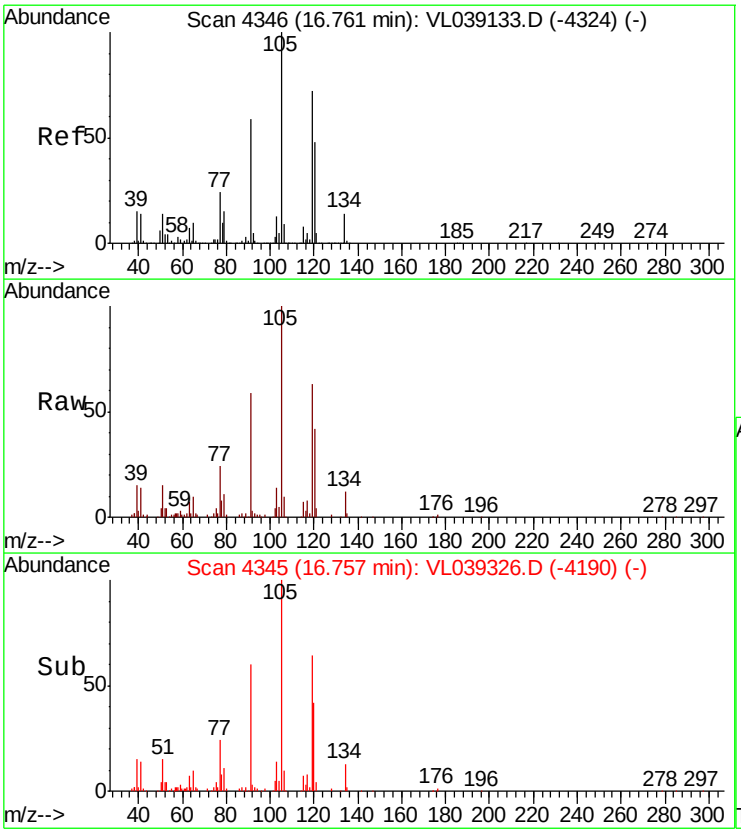
#73
1,3,5-Trimethylbenzene
Concen: 0.166 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:105 Resp: 60206

Ion	Ratio	Lower	Upper
105	100		
120	42.2	36.7	55.1

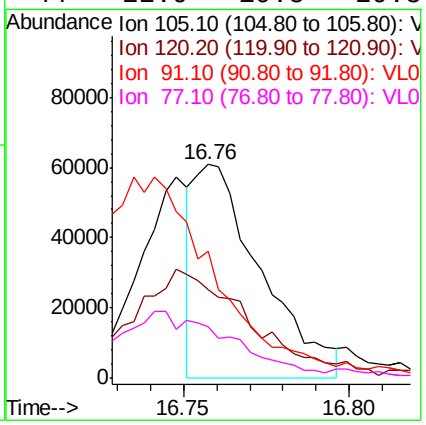


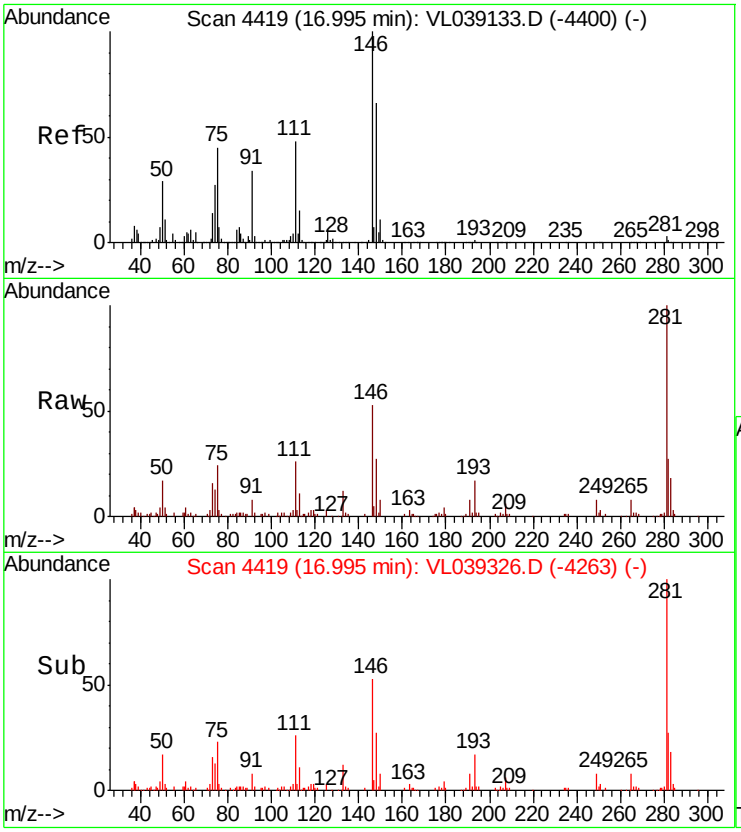


#74
1,2,4-Trimethylbenzene
Concen: 0.208 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. -0.00 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:105 Resp: 84106

Ion	Ratio	Lower	Upper
105	100		
120	40.3	38.1	57.1
91	62.6	47.4	71.0
77	22.9	19.5	29.3



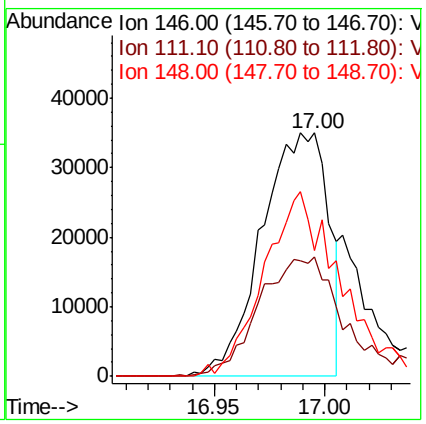


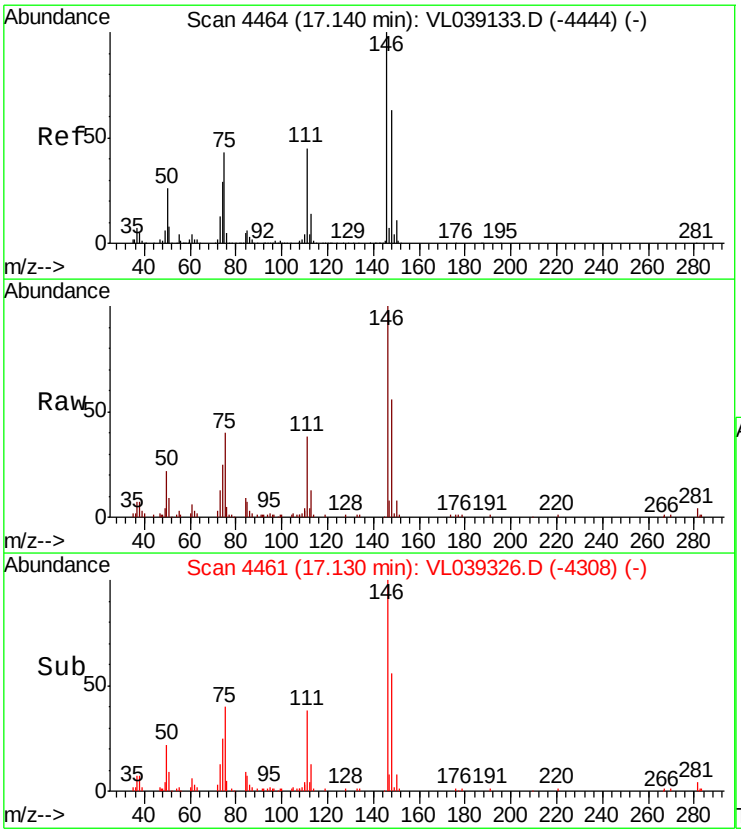
#75
1,3-Dichlorobenzene
Concen: 0.321 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:146 Resp: 73297

Ion	Ratio	Lower	Upper
146	100		
111	64.2	23.8	71.4
148	91.2	32.4	97.0

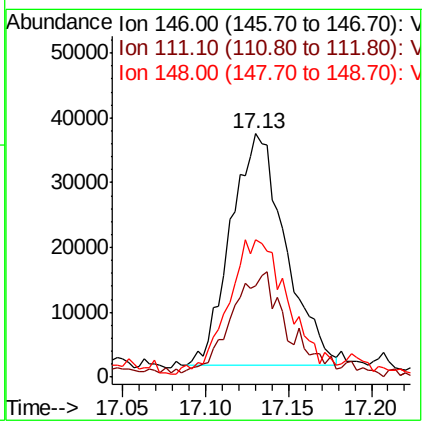


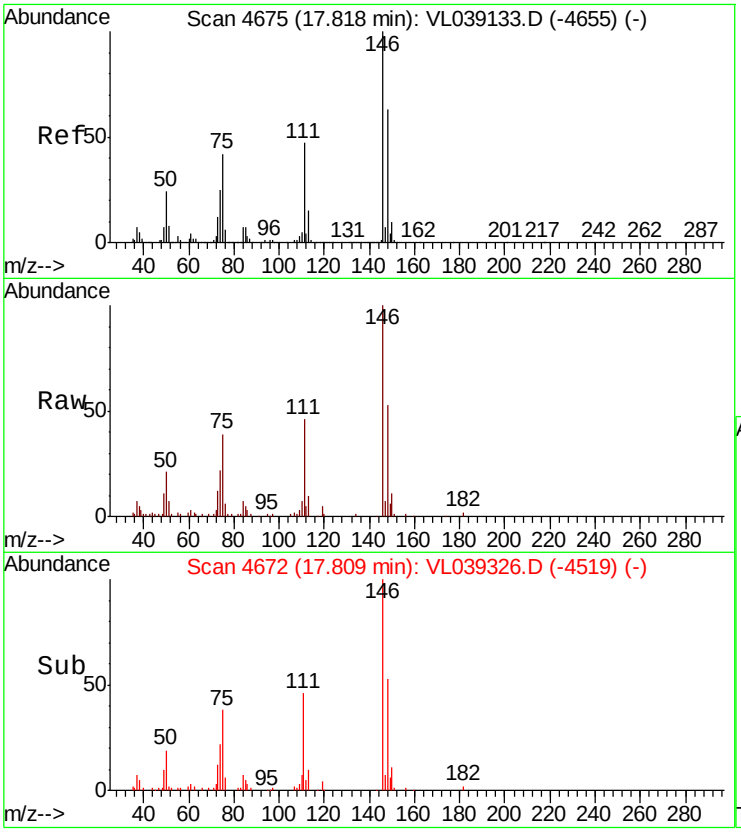


#76
1,4-Dichlorobenzene
Concen: 0.360 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:146 Resp: 82108

Ion	Ratio	Lower	Upper
146	100		
111	55.0	23.6	71.0
148	74.6	33.7	101.0



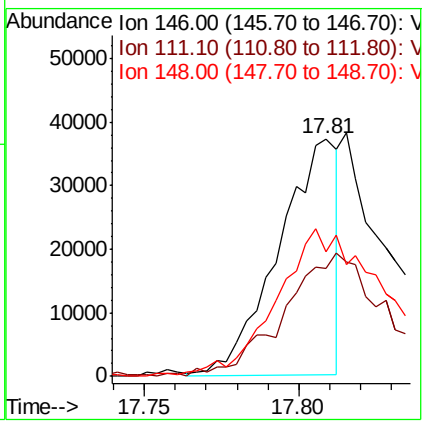


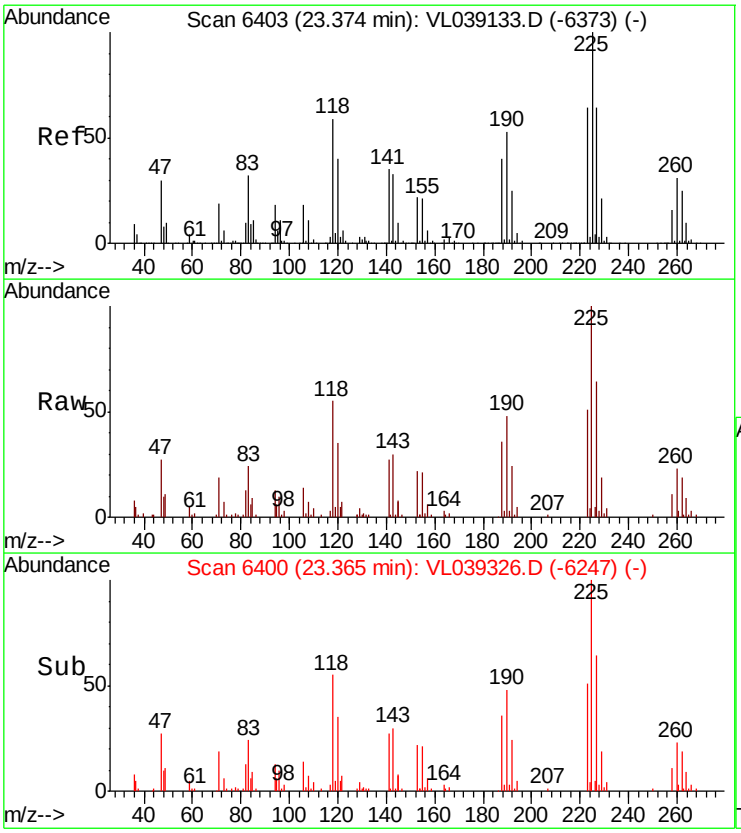
#77
1,2-Dichlorobenzene
Concen: 0.214 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:146 Resp: 49255

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.4#
148	129.5	32.1	96.5#

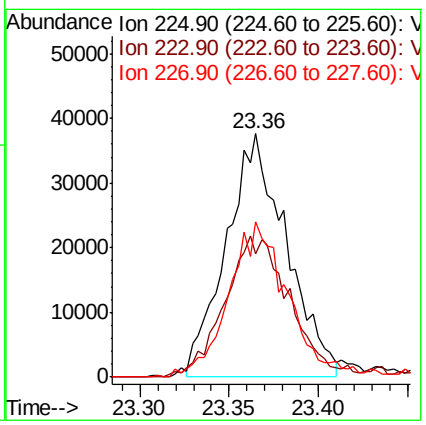


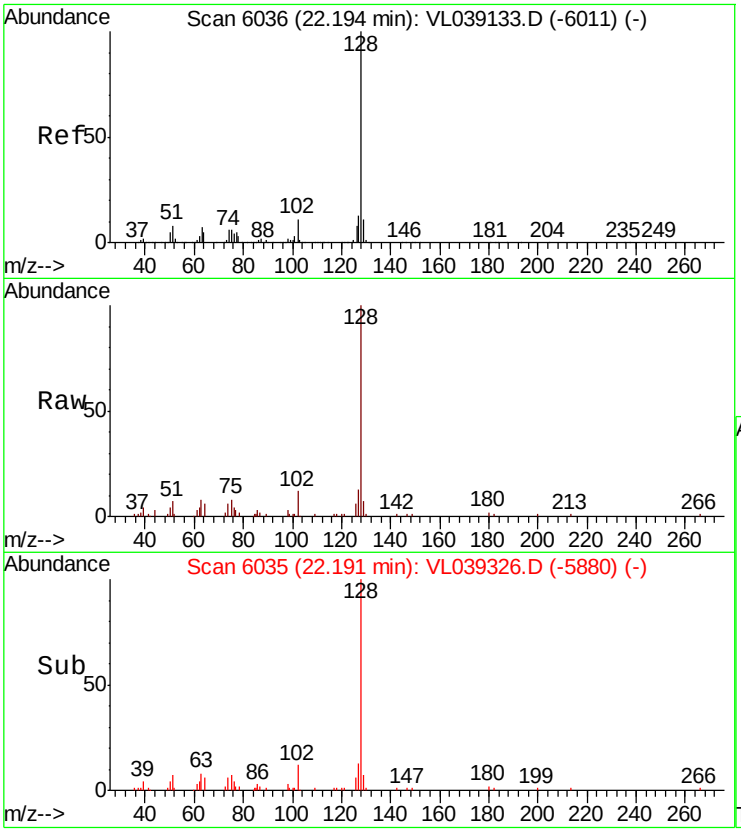


#78
Hexachloro-1,3-Butadiene
Concen: 0.419 ppbv
RT: 23.36 min Scan# 6400
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:225 Resp: 88331

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.0
227	64.5	50.6	75.8



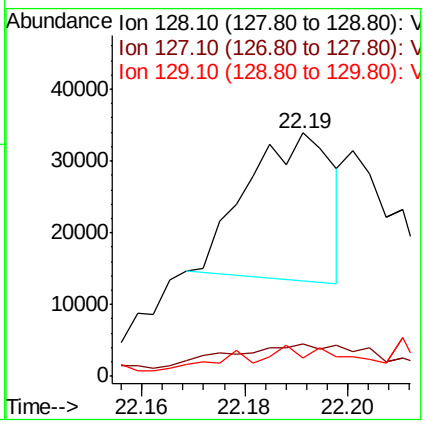


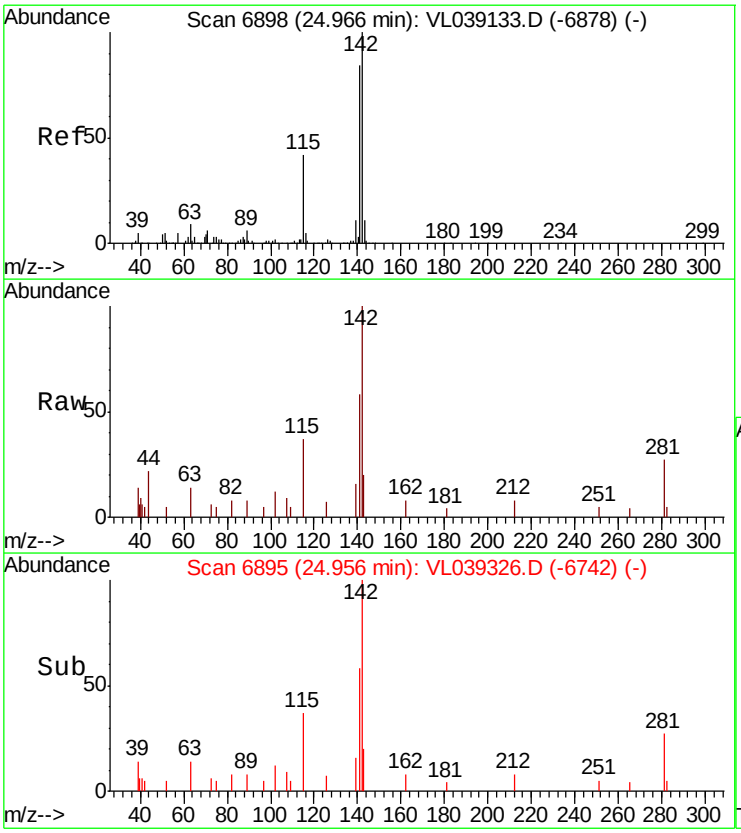
#79
Naphthalene
Concen: 0.075 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:57

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:128 Resp: 23265

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.4	15.6
129	4.2	9.0	13.6#

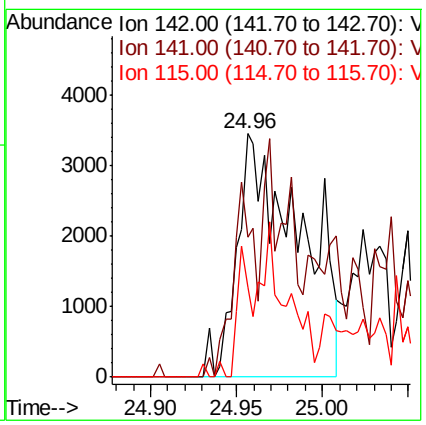


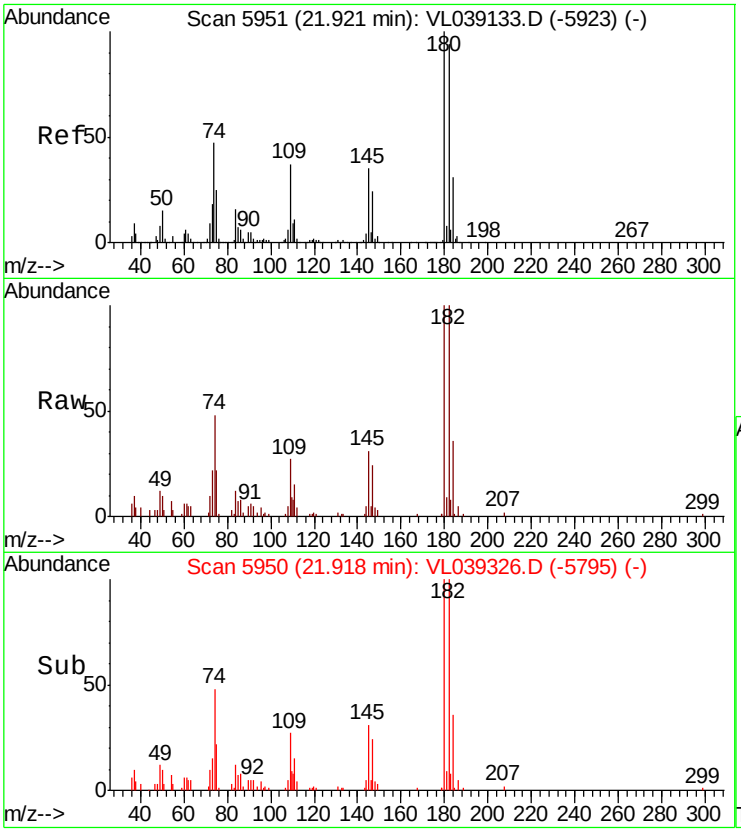


#80
Naphthalene,2-methyl-
Concen: 0.075 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.01 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:142 Resp: 8719

Ion	Ratio	Lower	Upper
142	100		
141	66.3	64.6	96.8
115	39.1	32.7	49.1





#81
1,2,4-Trichlorobenzene
Concen: 0.325 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:37

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:180 Resp: 64032

Ion	Ratio	Lower	Upper
180	100		
182	97.9	0.0	0.0#
184	32.9	0.0	0.0#