Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039325.D
Acq On : 22 Jun 2022 18:18
Operator : SY/AP
Sample : N3214-13 LOD 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 23 07:27:31 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	5.67	49	1159722	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3345876	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3087144	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2362962	9.26	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	118138	0.580	ppbv		94
3) Chlorodifluoromethane	2.99	51	75961	0.515	ppbv		99
4) Chloromethane	3.14	50	37047	0.489	ppbv		97
5) Vinyl Chloride	3.26	62	20345	0.287	ppbv		98
6) Bromomethane	3.48	94	18249	0.524	ppbv	#	74
7) Chloroethane	3.56	64	13151	0.533	ppbv	#	84
8) Dichlorotetrafluoroethane	3.19	85	85059	0.457	ppbv	#	80
9) Propene	3.02	41	32999	0.513	ppbv		90
10) Heptane	8.12	43	35297	0.235	ppbv	#	22
11) Trichlorofluoromethane	3.96	101	54690	0.297	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	72922	0.598	ppbv		97
13) Ethanol	3.61	45	706	0.201	ppbv	#	100
14) Bromoethene	3.74	108	24616	0.449	ppbv	#	80
15) Acetone	3.87	43	61824	0.512	ppbv	#	73
16) 1,3-Butadiene	3.33	39	32630	0.502	ppbv		93
17) tert-Butyl alcohol	4.30	59	51284	0.547	ppbv		100
18) 1,1-Dichloroethene	4.29	96	14457	0.264	ppbv		95
19) Isopropyl Alcohol	3.97	45	8291	0.146	ppbv	#	93
20) Methylene Chloride	4.35	84	36505	0.717	ppbv	#	81
21) Allyl Chloride	4.42	41	23561	0.289	ppbv	#	11
22) trans-1,2-Dichloroethene	4.89	96	26334	0.500	ppbv		89
23) Vinyl Acetate	5.08	43	43364	0.434	ppbv	#	94
24) 1,1-Dichloroethane	5.01	63	63358	0.463	ppbv		97
25) Ethyl Acetate	5.69	43	123073	0.452	ppbv		96
26) Hexane	5.69	57	54566	0.456	ppbv	#	83
27) Carbon Disulfide	4.56	76	51591	0.416	ppbv	#	96
28) Methyl tert-Butyl Ether	5.05	73	59414	0.450	ppbv		97
29) Chloroform	5.75	83	92692	0.460	ppbv		92
30) Cyclohexane	7.13	84	46588	0.463	ppbv	#	83
31) cis-1,2-Dichloroethene	5.55	61	27602	0.226	ppbv		97
32) 1,1,1-Trichloroethane	6.51	97	91233	0.463	ppbv		97
34) 2-Butanone	5.26	43	63967	0.352	ppbv	#	90
35) Carbon Tetrachloride	7.02	117	54193	0.222	ppbv		96
36) Benzene	6.89	78	120606	0.444	ppbv		94
37) 1,2-Dichloroethane	6.30	62	44258	0.248	ppbv	#	84
38) Trichloroethene	7.83	130	38084	0.305	ppbv		92
39) 1,2-Dichloropropane	7.62	63	42366	0.392	ppbv	#	90
41) Tetrahydrofuran	6.08	42	24999	0.229	ppbv	#	52
42) Bromodichloromethane	7.79	83	86758	0.350	ppbv		87
43) Methyl Methacrylate	8.02	69	37697	0.356	ppbv	#	83
44) 2,2,4-Trimethylpentane	7.87	57	199684	0.420	ppbv		93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039325.D
Acq On : 22 Jun 2022 18:18
Operator : SY/AP
Sample : N3214-13 LOD 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 23 07:27:31 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)
45) t-1,3-Dichloropropene	9.27	75	12956	0.118	ppbv		100
46) cis-1,3-Dichloropropene	8.70	75	18001	0.124	ppbv		90
47) 1,1,2-Trichloroethane	9.46	97	19370	0.172	ppbv		96
48) Dibromochloromethane	10.30	129	63764	0.317	ppbv		93
49) Bromoform	13.03	173	26770	0.160	ppbv	#	35
50) 4-Methyl-2-Pentanone	8.75	43	95558	0.351	ppbv		98
51) 2-Hexanone	10.14	43	19362	0.091	ppbv	#	28
52) Tetrachloroethene	11.22	164	45718	0.431	ppbv		92
53) Toluene	9.80	91	50536	0.162	ppbv	#	21
54) 1,2-Dibromoethane	10.61	107	59305	0.392	ppbv		91
56) 1,1,1,2-Tetrachloroethane	12.12	131	61250	0.419	ppbv	#	1
57) Chlorobenzene	12.14	112	115136	0.496	ppbv	#	89
58) Ethyl Benzene	12.71	91	168025	0.395	ppbv		93
59) m/p-Xylene	12.99	91	58202	0.155	ppbv	#	33
60) o-Xylene	13.69	91	150750	0.428	ppbv		100
61) Styrene	13.52	104	27853	0.148	ppbv	#	1
62) Isopropylbenzene	14.66	105	233406	0.446	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.67	83	79068	0.400	ppbv	#	93
64) n-propylbenzene	15.55	120	36832	0.286	ppbv	#	1
65) tert-Butylbenzene	16.74	119	208151	0.435	ppbv		97
66) Benzyl Chloride	16.98	91	8325	0.134	ppbv	#	21
67) sec-Butylbenzene	17.28	105	282224	0.433	ppbv		99
69) p-Isopropyltoluene	17.65	119	226505	0.411	ppbv		97
70) n-Butylbenzene	18.55	91	212661	0.376	ppbv		97
71) 2-Chlorotoluene	15.45	91	159008	0.399	ppbv		96
72) 4-Ethyltoluene	15.83	105	160893	0.390	ppbv		98
73) 1,3,5-Trimethylbenzene	15.99	105	91311	0.245	ppbv		96
74) 1,2,4-Trimethylbenzene	16.75	105	179364	0.432	ppbv	#	95
75) 1,3-Dichlorobenzene	16.99	146	107436	0.457	ppbv		97
76) 1,4-Dichlorobenzene	17.13	146	56690	0.242	ppbv	#	22
77) 1,2-Dichlorobenzene	17.81	146	93342	0.394	ppbv		85
78) Hexachloro-1,3-Butadiene	23.37	225	99294	0.459	ppbv		98
79) Naphthalene	22.20	128	26508	0.083	ppbv		98
80) Naphthalene,2-methyl-	24.98	142	6662	0.056	ppbv		85
81) 1,2,4-Trichlorobenzene	21.91	180	29023	0.143	ppbv	#	100

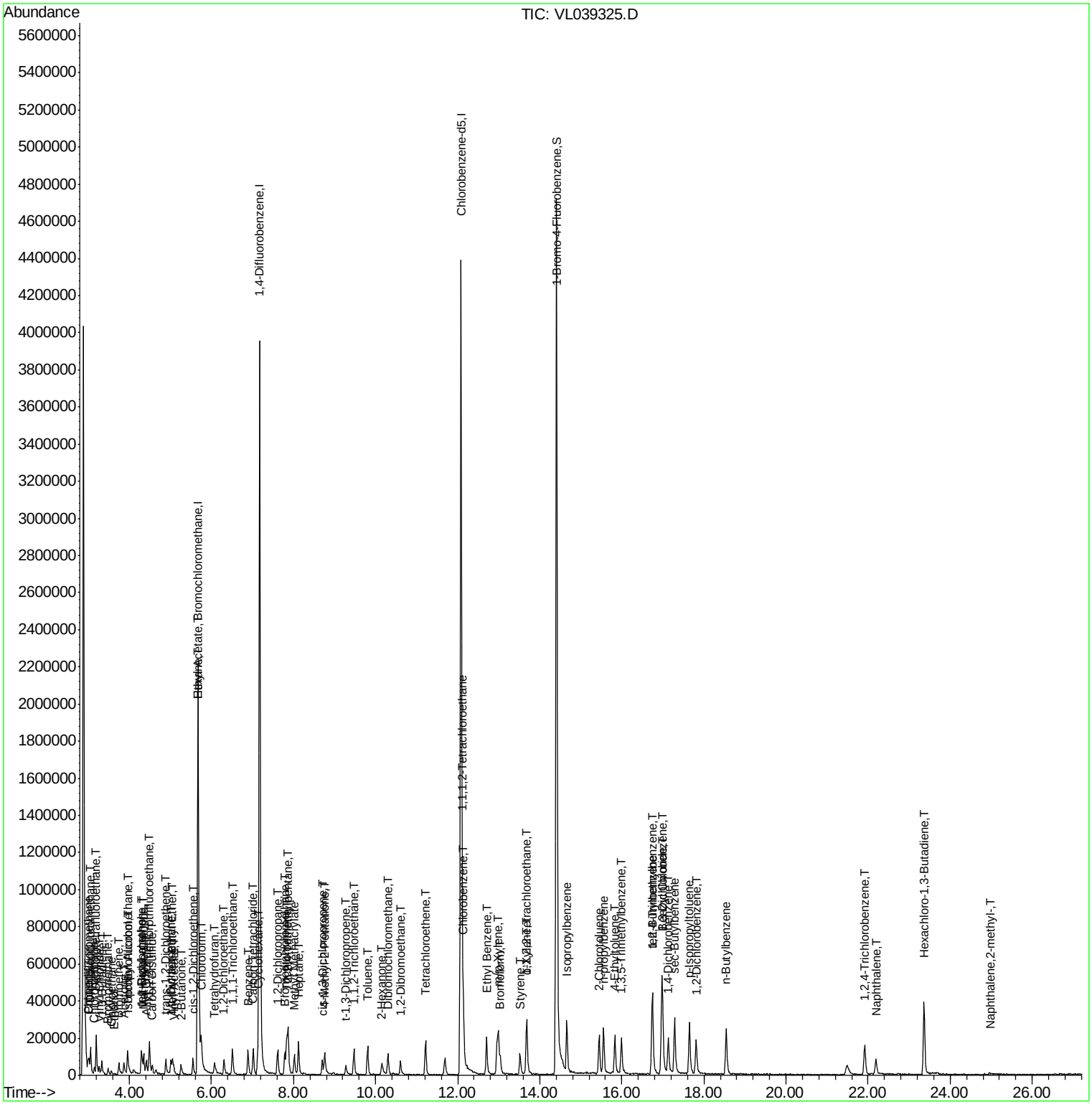
(#) = qualifier out of range (m) = manual integration (+) = signals summed

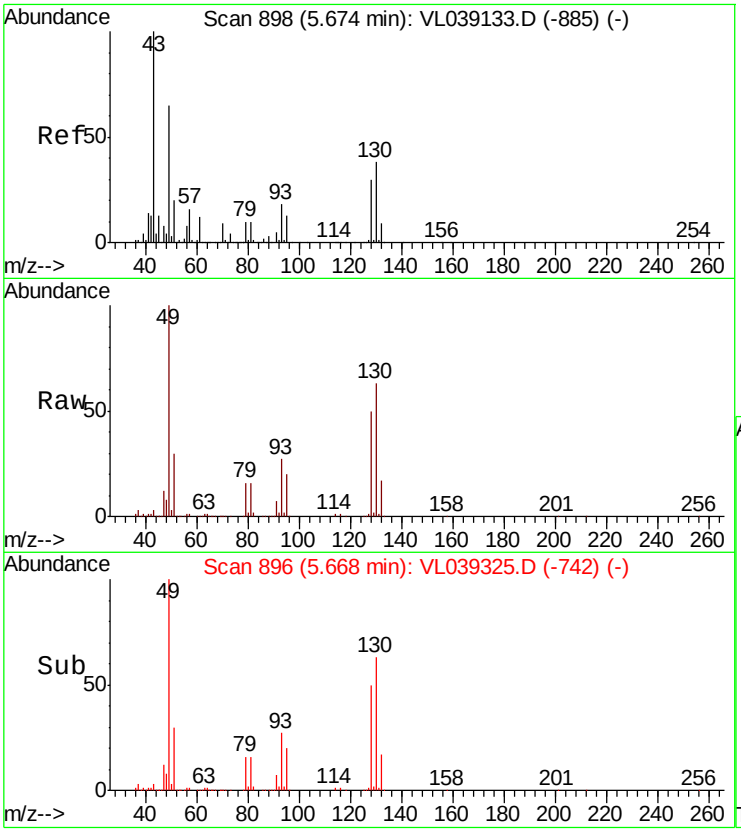
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062222\
Data File : VL039325.D
Acq On : 22 Jun 2022 18:18
Operator : SY/AP
Sample : N3214-13 LOD 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 23 07:27:31 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



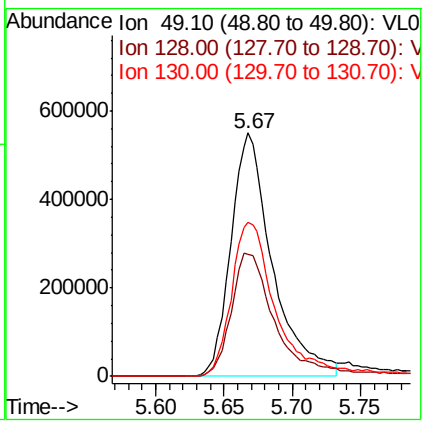


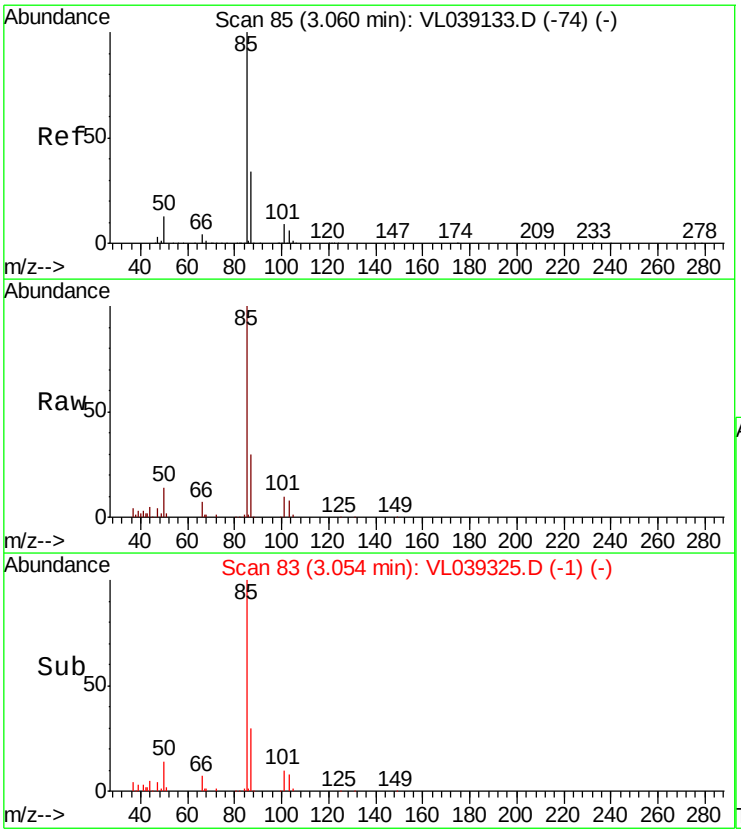
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 49 Resp: 1159722

Ion	Ratio	Lower	Upper
49	100		
128	55.7	24.7	74.1
130	71.5	31.4	94.0

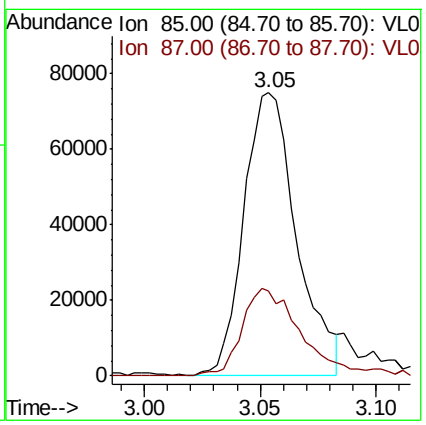


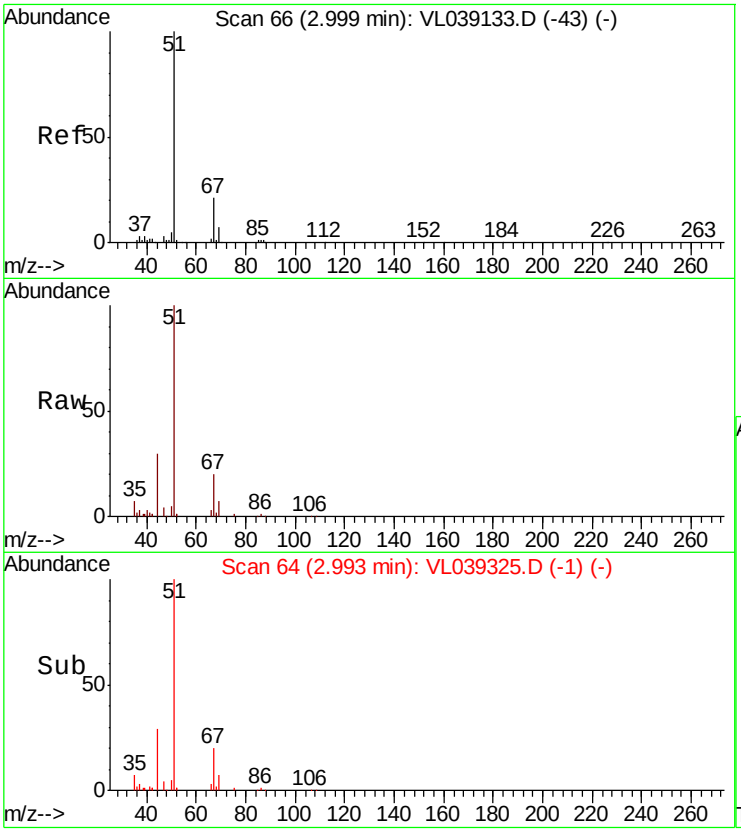


#2
Dichlorodifluoromethane
Concen: 0.580 ppbv
RT: 3.05 min Scan# 83
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 85 Resp: 118138

Ion	Ratio	Lower	Upper
85	100		
87	30.2	26.9	40.3



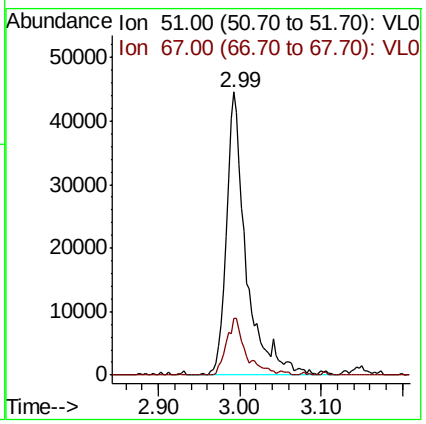


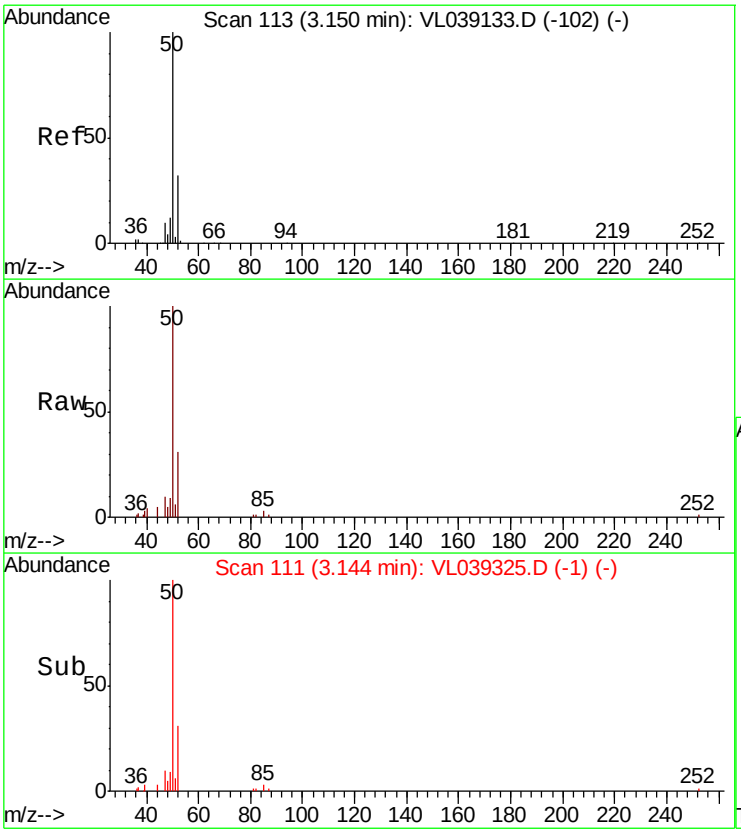
#3
Chlorodifluoromethane
Concen: 0.515 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 51 Resp: 75961

Ion	Ratio	Lower	Upper
51	100		
67	20.8	16.2	24.4

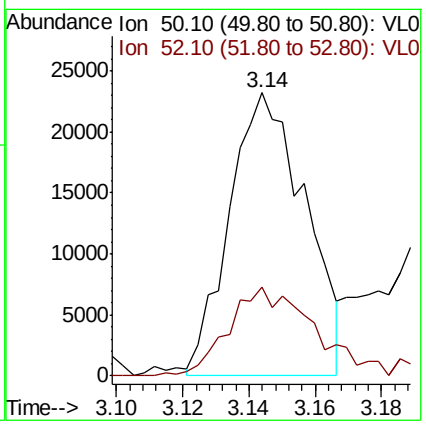


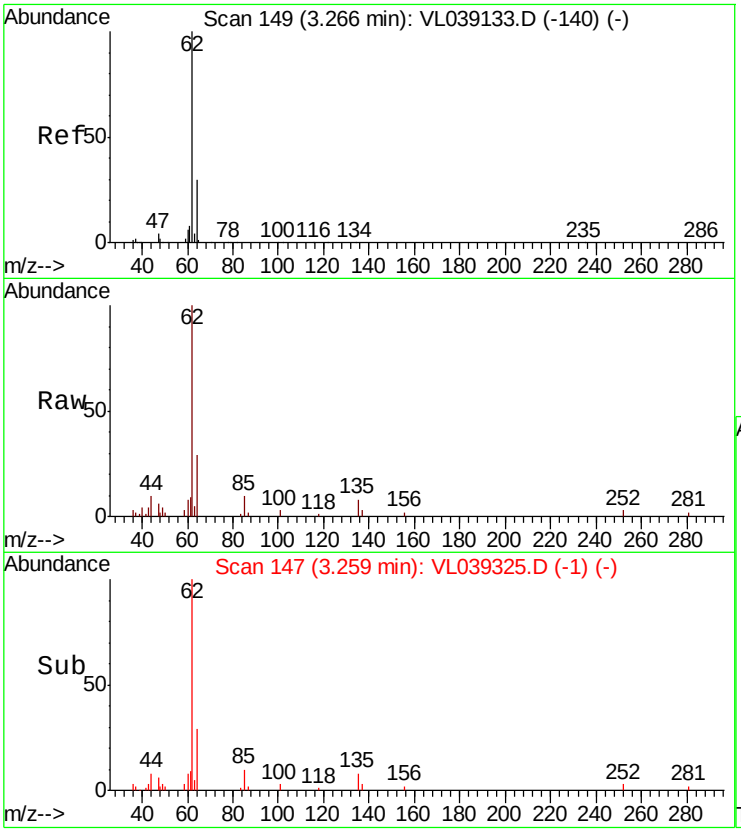


#4
Chloromethane
Concen: 0.489 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 50 Resp: 37047

Ion	Ratio	Lower	Upper
50	100		
52	30.6	25.9	38.9



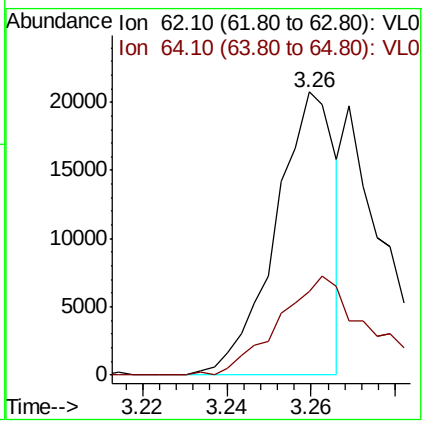


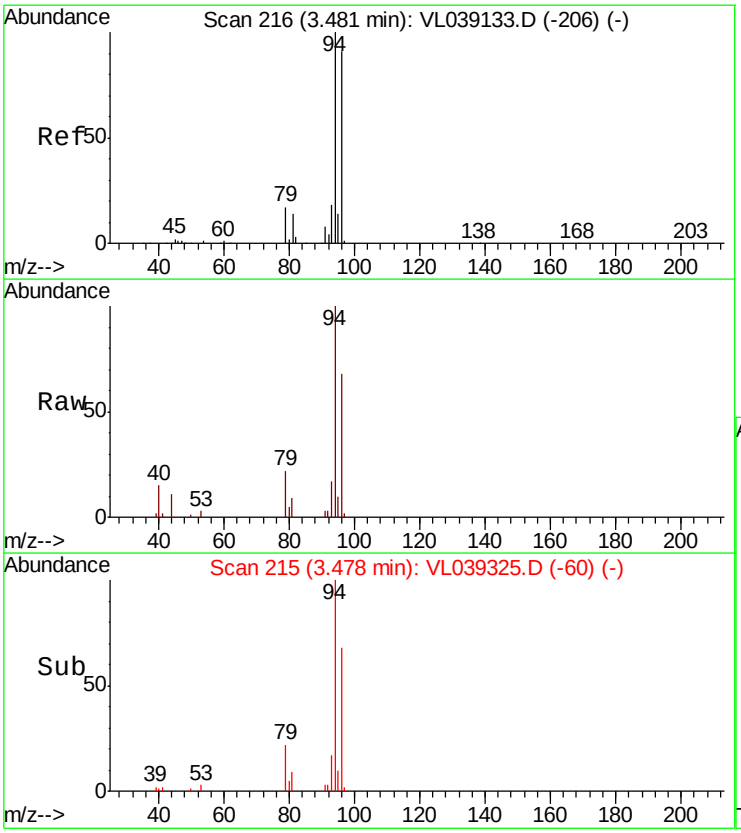
#5
Vinyl Chloride
Concen: 0.287 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 62 Resp: 20345

Ion	Ratio	Lower	Upper
62	100		
64	29.4	24.2	36.2

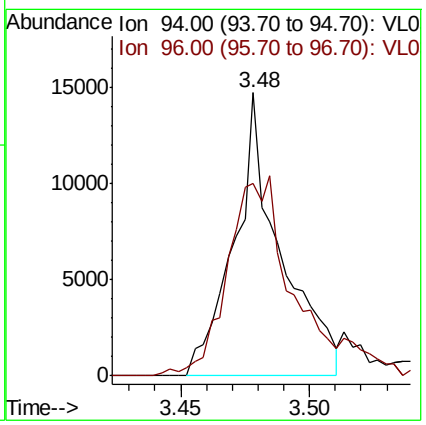


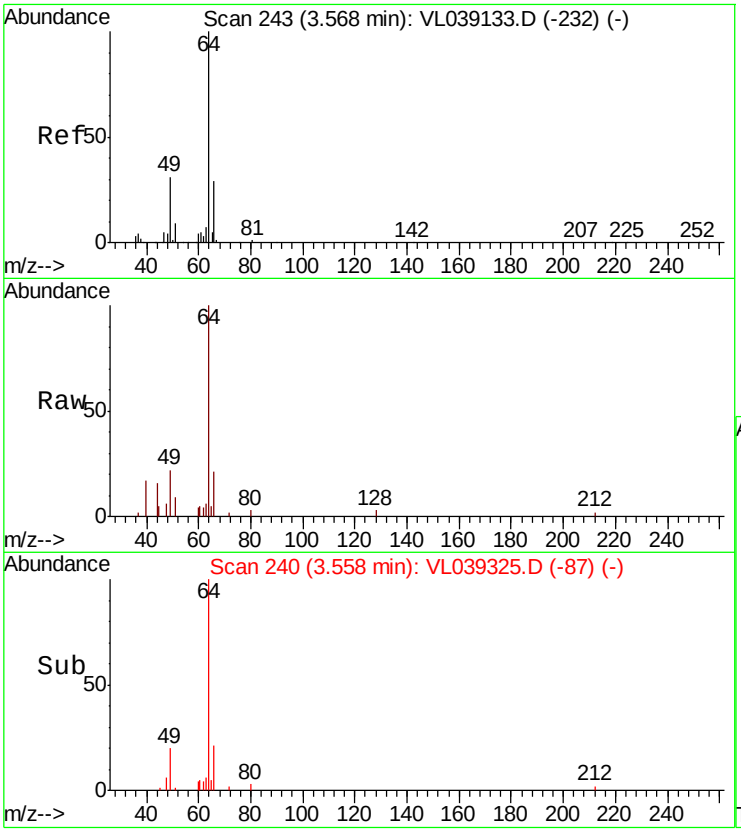


#6
Bromomethane
Concen: 0.524 ppbv
RT: 3.48 min Scan# 215
Delta R.T. -0.00 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 94 Resp: 18249

Ion	Ratio	Lower	Upper
94	100		
96	66.6	73.0	109.4#



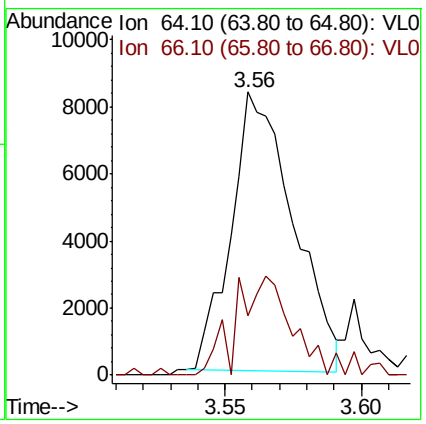


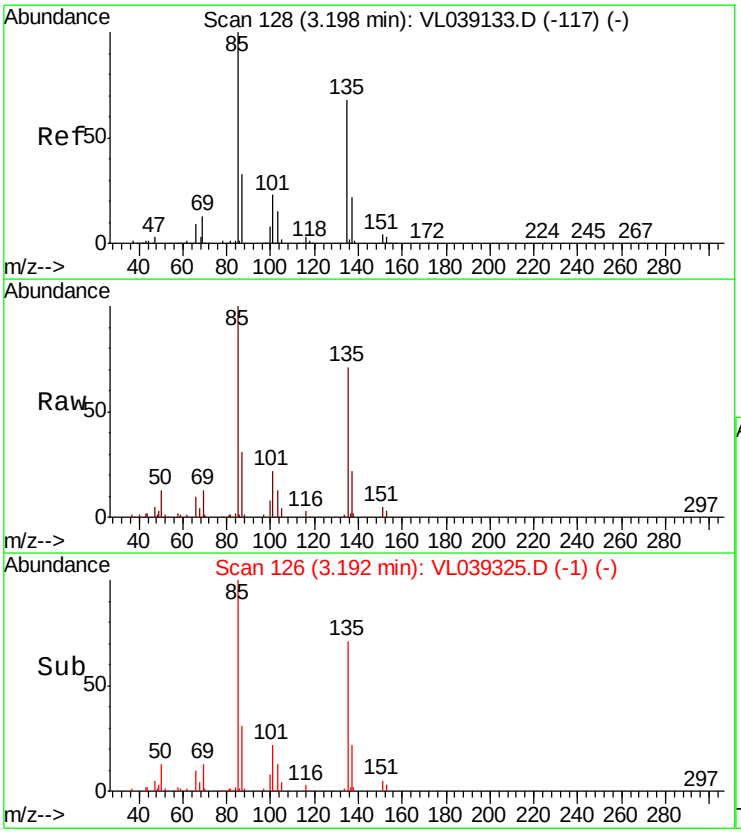
#7
Chloroethane
Concen: 0.533 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 64 Resp: 13151

Ion	Ratio	Lower	Upper
64	100		
66	21.0	23.6	35.4#

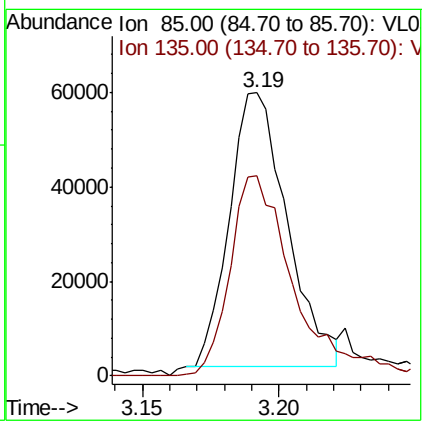


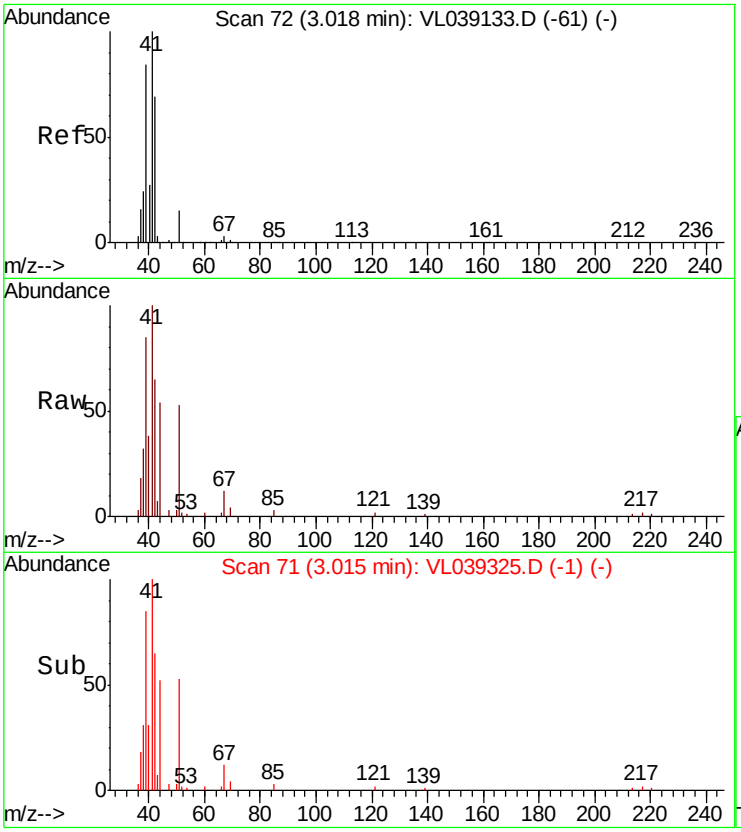


#8
Dichlorotetrafluoroethane
Concen: 0.457 ppbv
RT: 3.19 min Scan# 126
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 85 Resp: 85059

Ion	Ratio	Lower	Upper
85	100		
135	84.8	55.0	82.4#



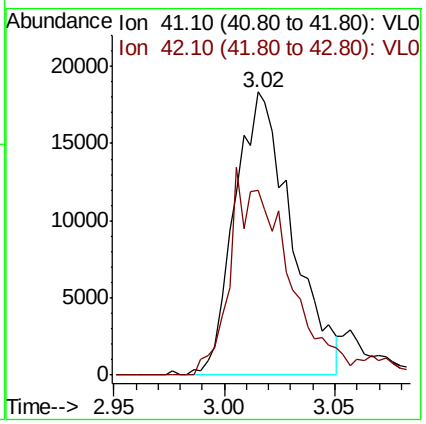


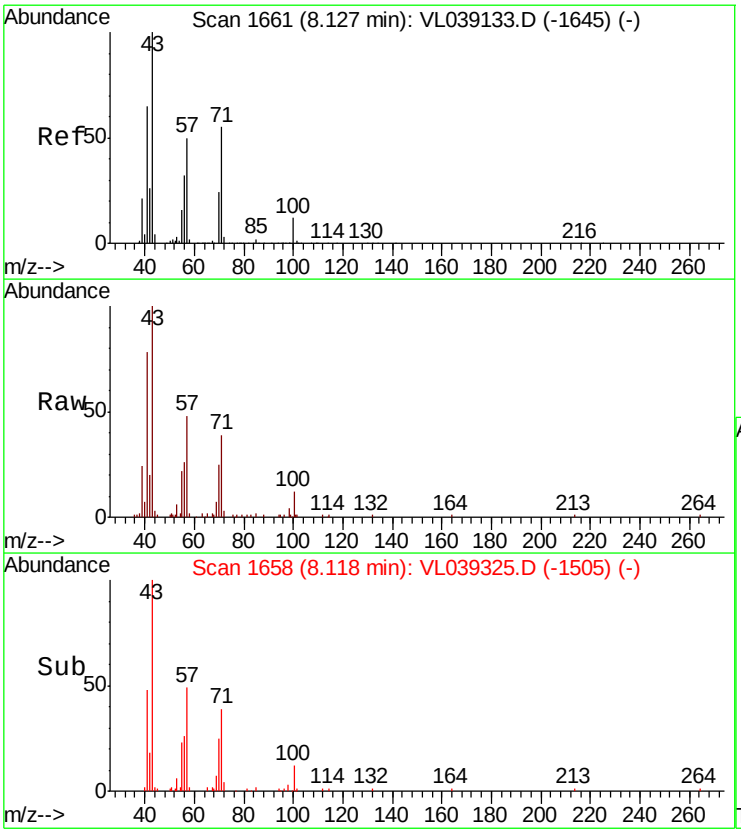
#9
Propene
Concen: 0.513 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 41 Resp: 32999

Ion	Ratio	Lower	Upper
41	100		
42	77.2	55.4	83.2

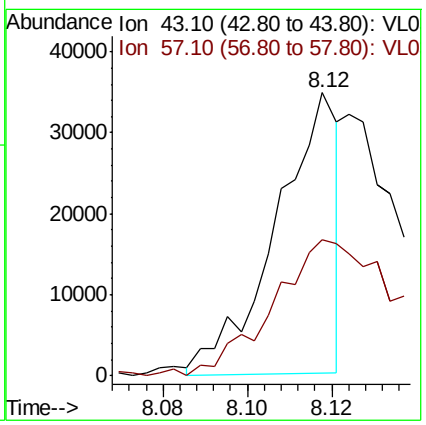


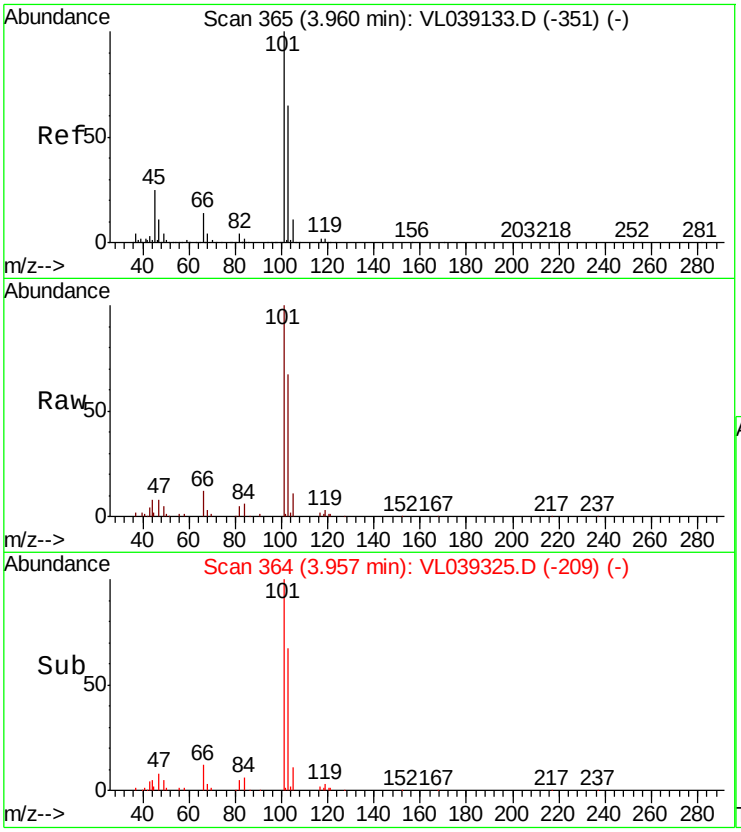


#10
Heptane
Concen: 0.235 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 43 Resp: 35297

Ion	Ratio	Lower	Upper
43	100		
57	106.5	41.4	62.2#



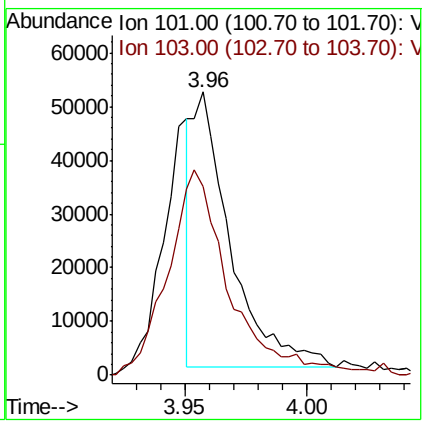


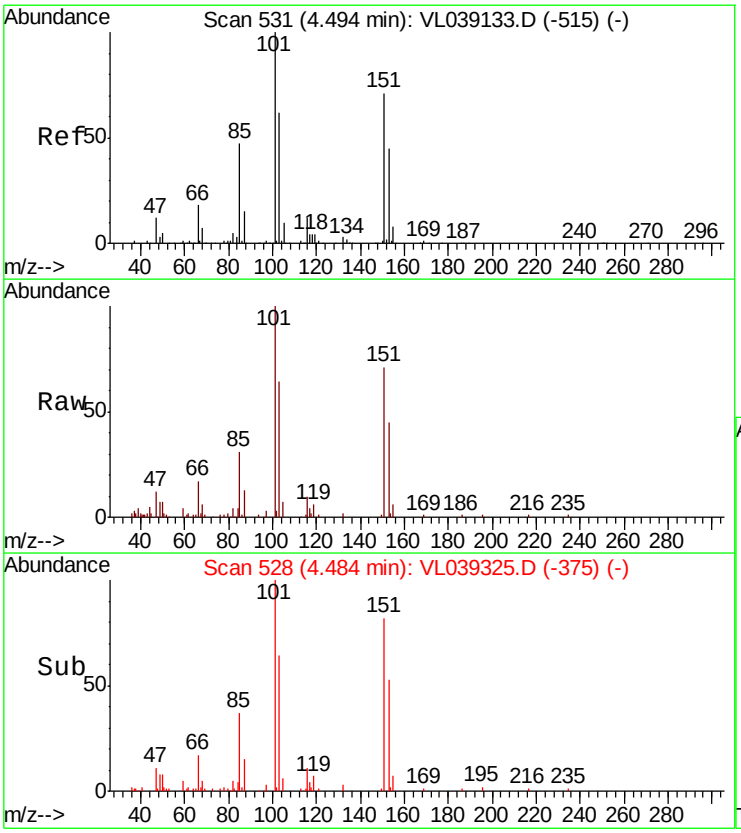
#11
Trichlorofluoromethane
Concen: 0.297 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:101 Resp: 54690

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.7	77.5

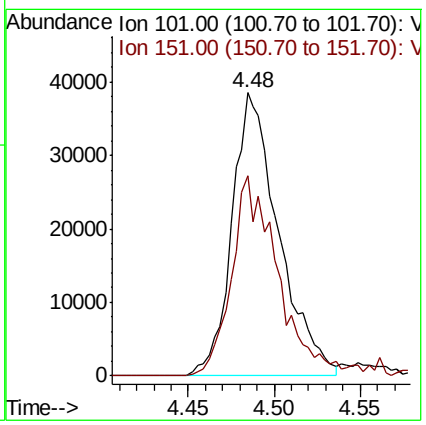


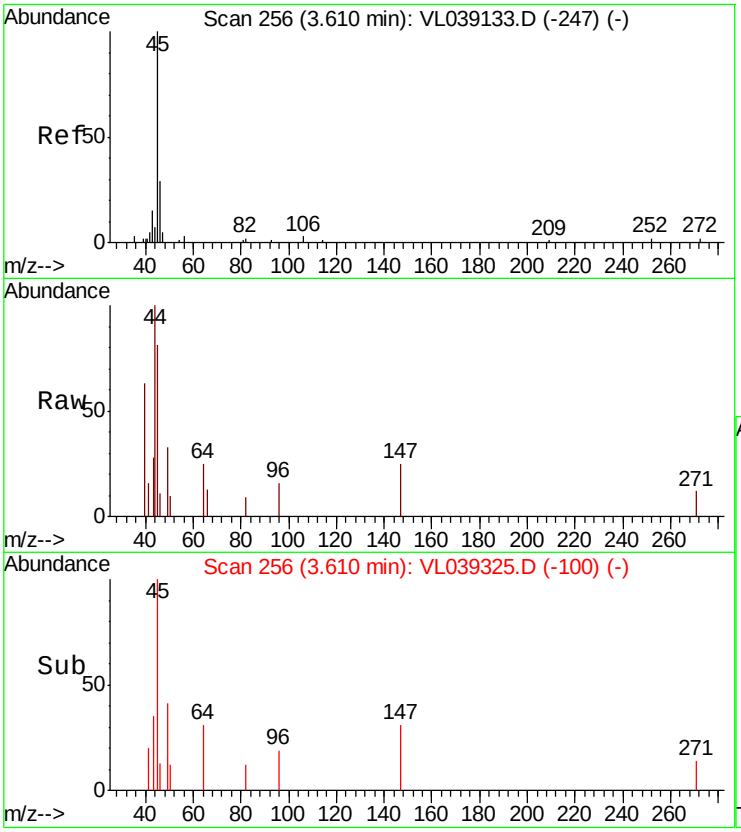


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.598 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:101 Resp: 72922

Ion	Ratio	Lower	Upper
101	100		
151	71.7	59.4	89.0



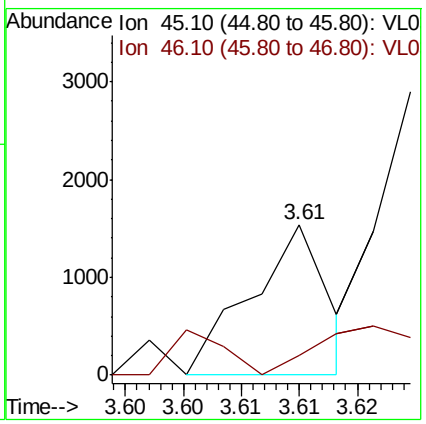


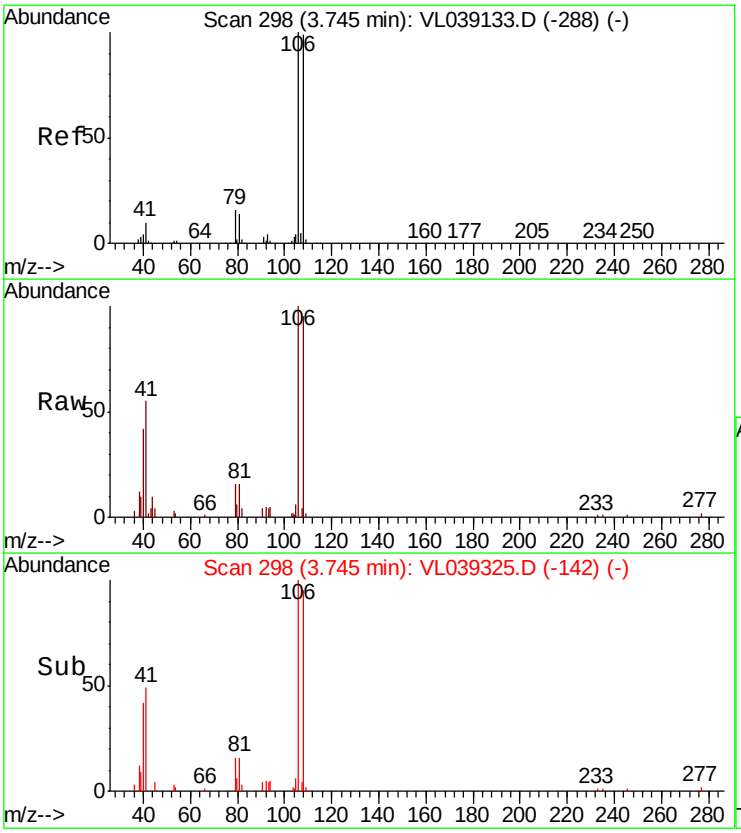
#13
Ethanol
Concen: 0.201 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 45 Resp: 706

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0

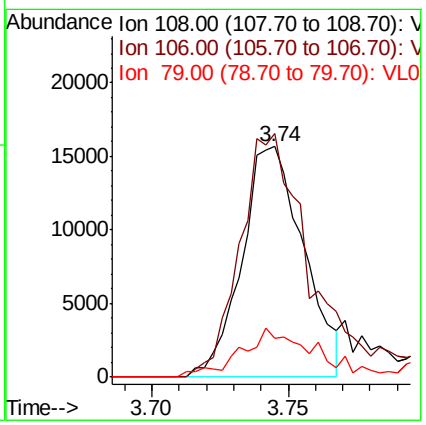


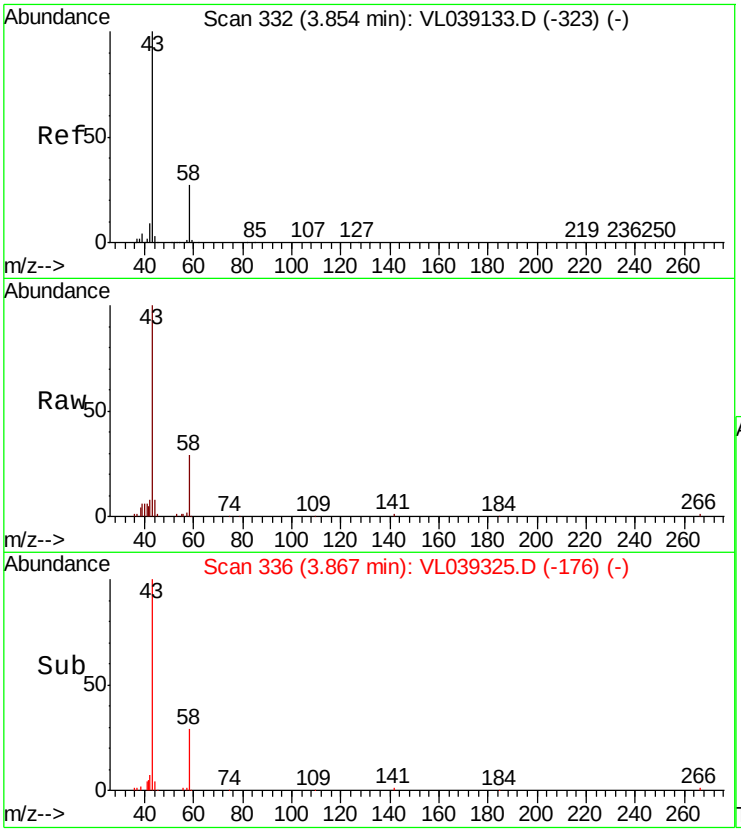


#14
Bromoethene
Concen: 0.449 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:108 Resp: 24616

Ion	Ratio	Lower	Upper
108	100		
106	131.0	88.4	132.6
79	26.8	13.4	20.2#



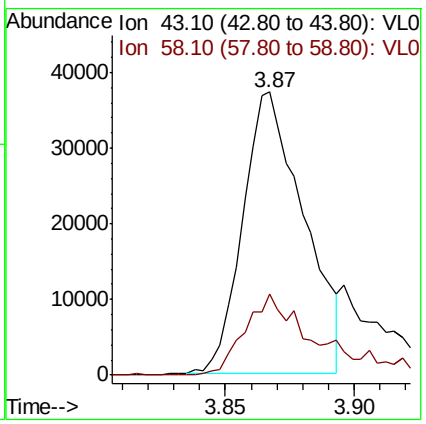


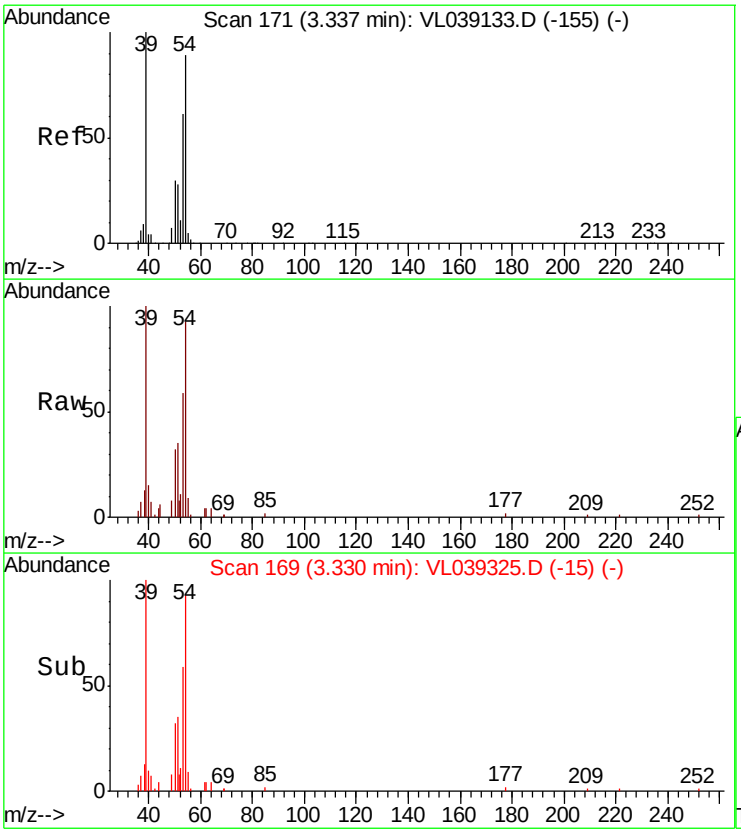
#15
Acetone
Concen: 0.512 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 43 Resp: 61824

Ion	Ratio	Lower	Upper
43	100		
58	42.2	22.5	33.7#

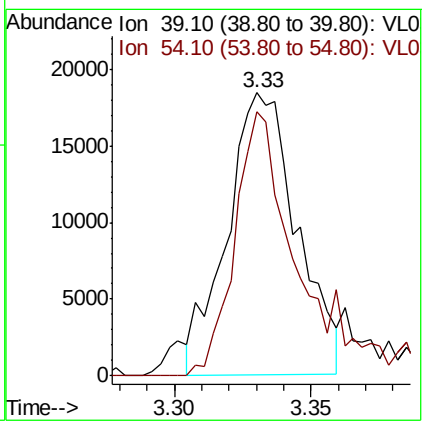


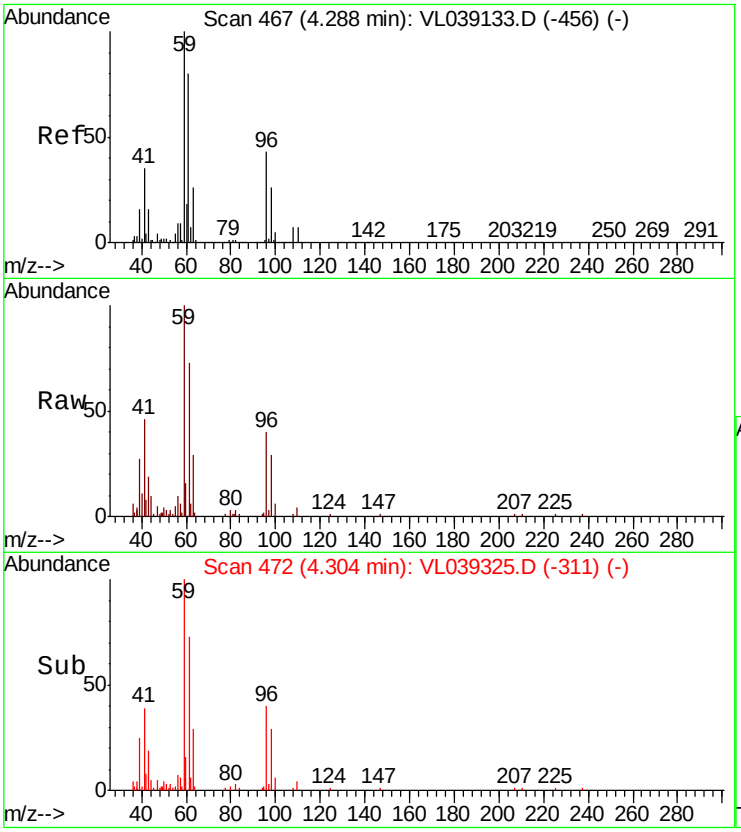


#16
1,3-Butadiene
Concen: 0.502 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 39 Resp: 32630

Ion	Ratio	Lower	Upper
39	100		
54	88.6	65.8	98.6



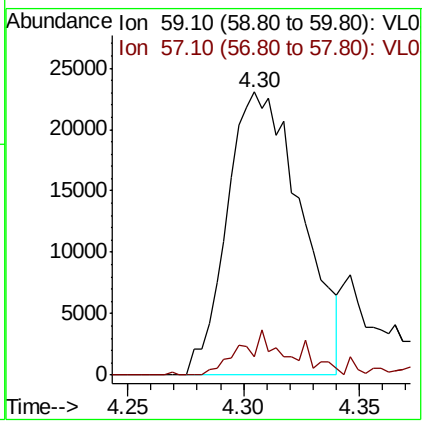


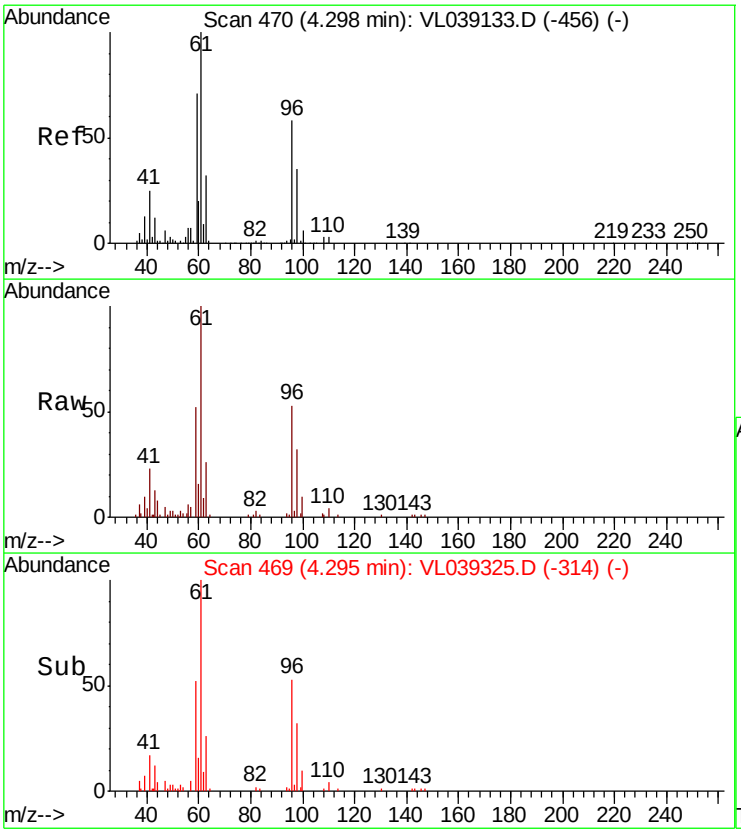
#17
tert-Butyl alcohol
Concen: 0.547 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 59 Resp: 51284

Ion	Ratio	Lower	Upper
59	100		
57	11.5	9.1	13.7

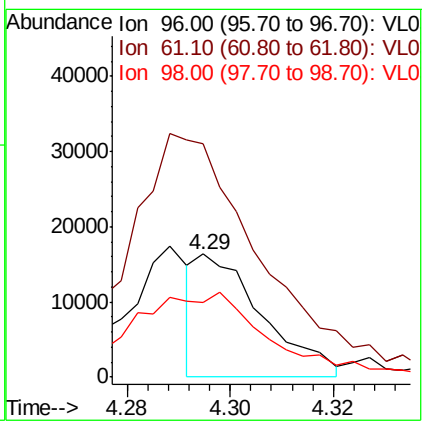


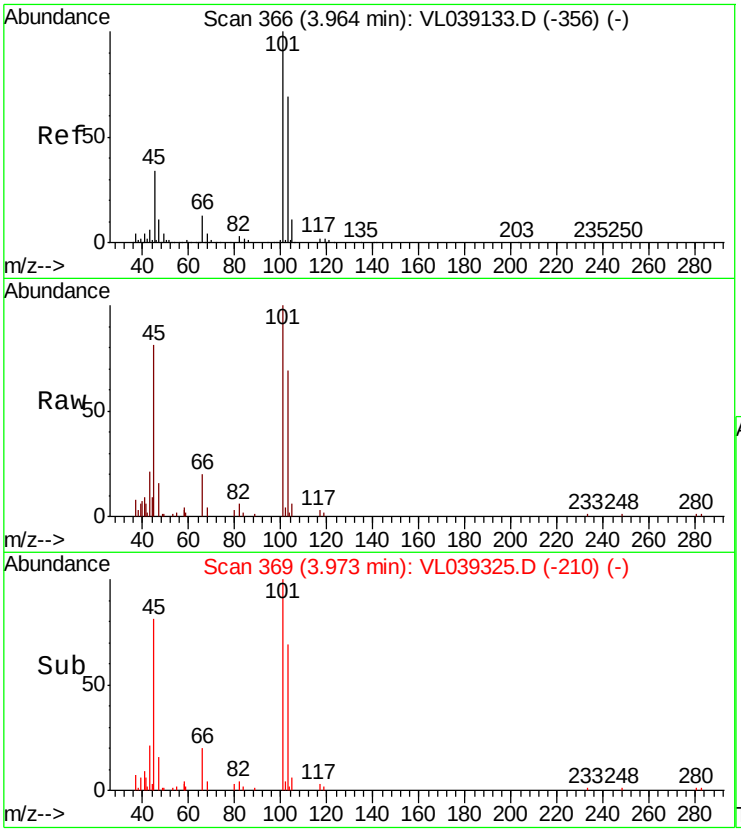


#18
1,1-Dichloroethene
Concen: 0.264 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 96 Resp: 14457

Ion	Ratio	Lower	Upper
96	100		
61	166.8	138.4	207.6
98	55.8	47.8	71.8



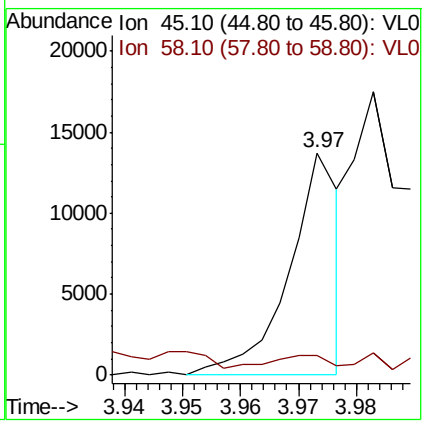


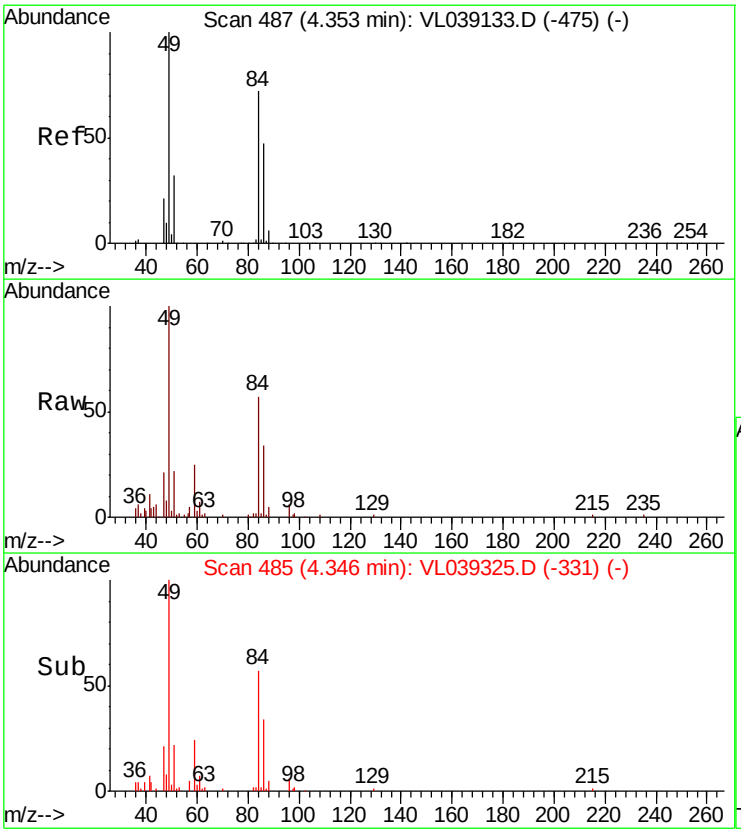
#19
Isopropyl Alcohol
Concen: 0.146 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 45 Resp: 8291

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

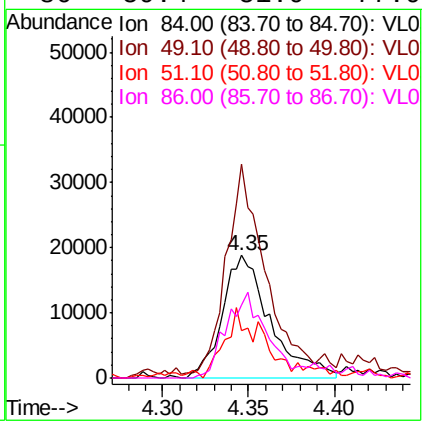


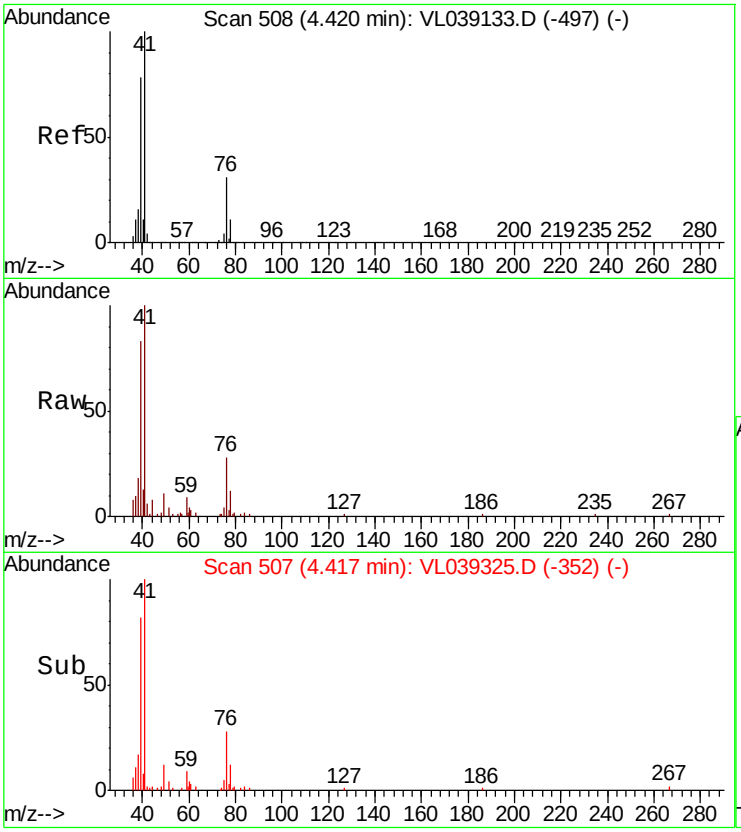


#20
Methylene Chloride
Concen: 0.717 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 84 Resp: 36505

Ion	Ratio	Lower	Upper
84	100		
49	170.1	111.1	166.7#
51	32.7	35.3	52.9#
86	59.4	51.9	77.9



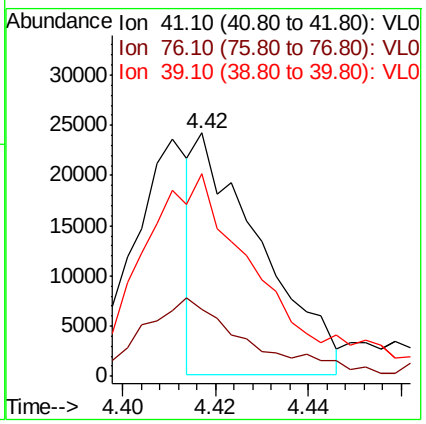


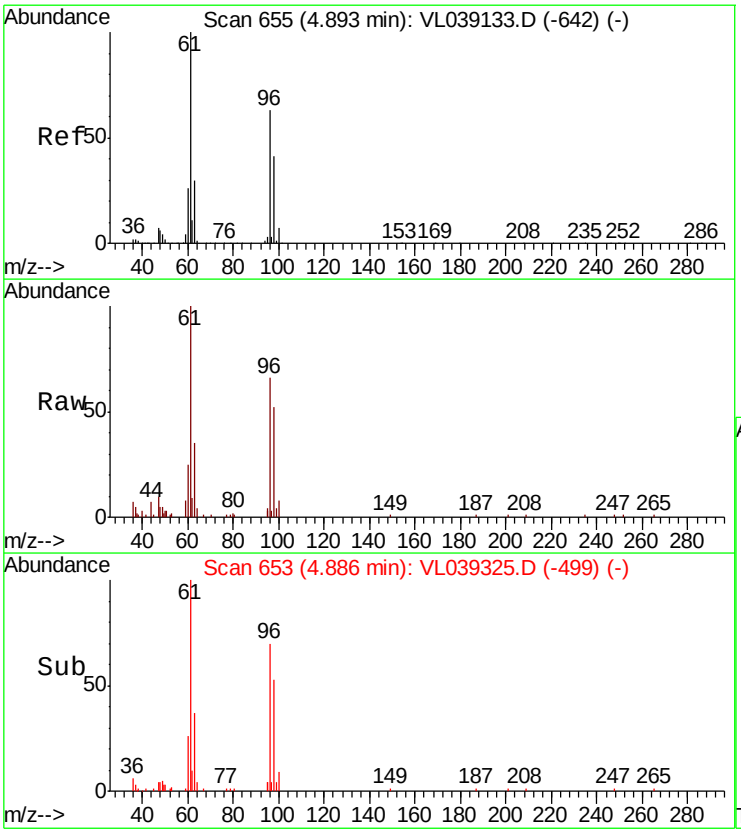
#21
Allvl Chloride
Concen: 0.289 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 41 Resp: 23561

Ion	Ratio	Lower	Upper
41	100		
76	58.1	24.2	36.2#
39	167.4	62.2	93.2#

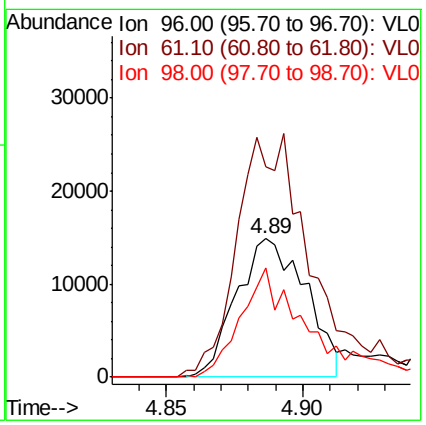


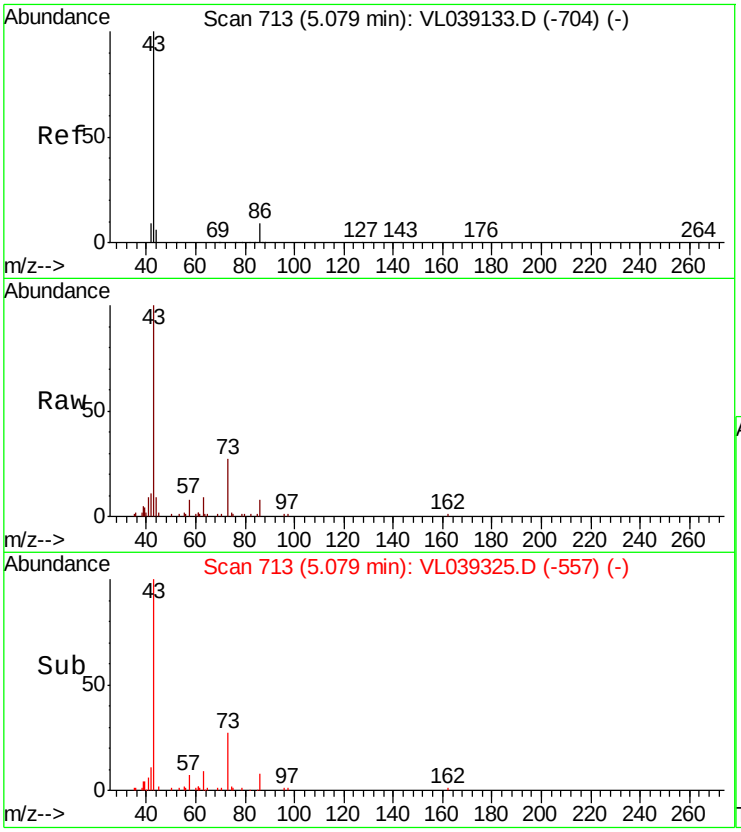


#22
trans-1,2-Dichloroethene
Concen: 0.500 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 96 Resp: 26334

Ion	Ratio	Lower	Upper
96	100		
61	146.9	126.6	190.0
98	77.4	52.5	78.7



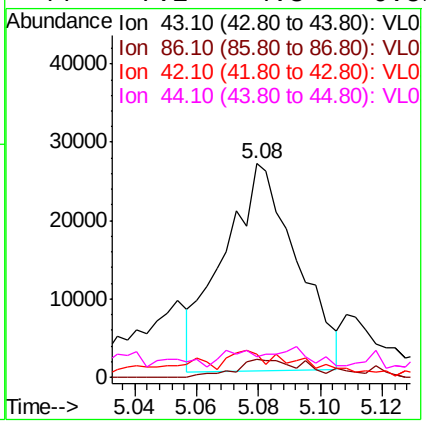


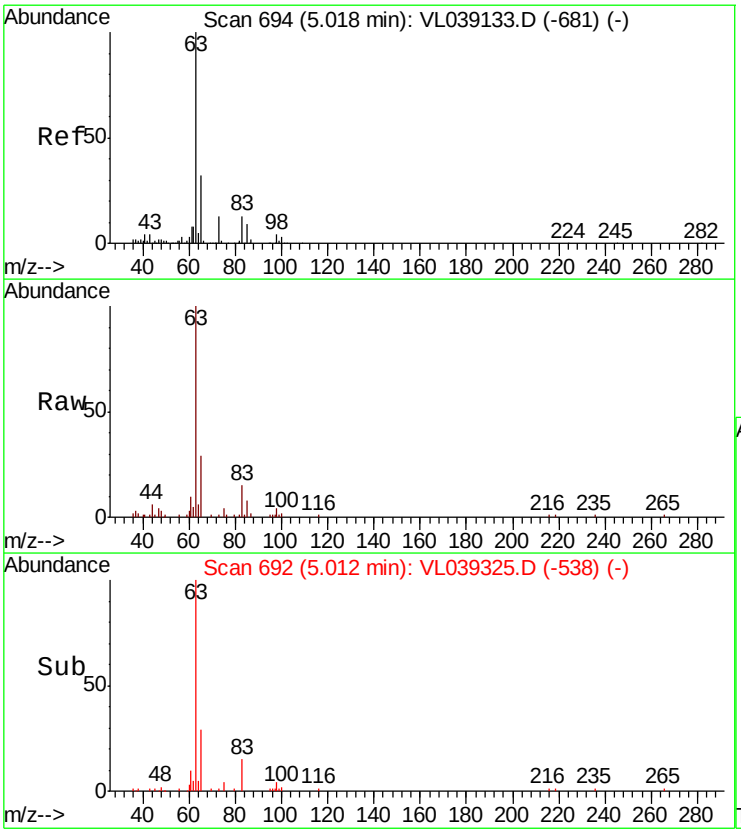
#23
Vinyl Acetate
Concen: 0.434 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 43 Resp: 43364

Ion	Ratio	Lower	Upper
43	100		
86	10.8	6.0	9.0#
42	8.6	8.2	12.4
44	7.2	4.3	6.5#

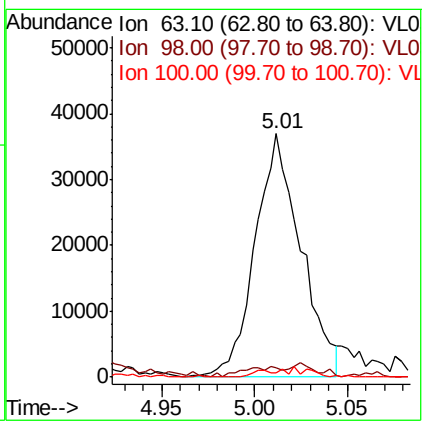


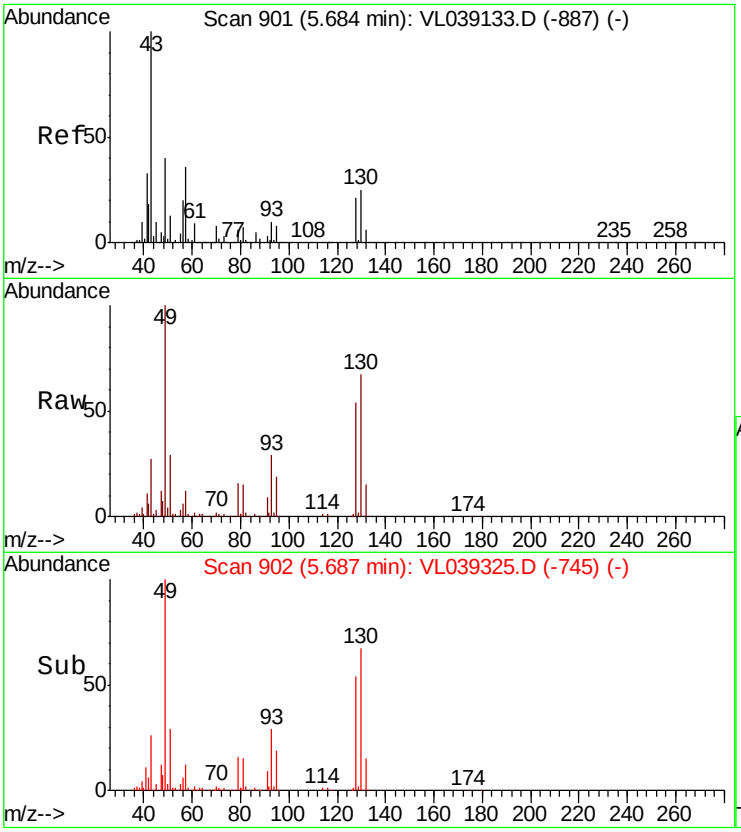


#24
1,1-Dichloroethane
Concen: 0.463 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 63 Resp: 63358

Ion	Ratio	Lower	Upper
63	100		
98	3.2	2.1	6.2
100	1.9	1.5	4.5



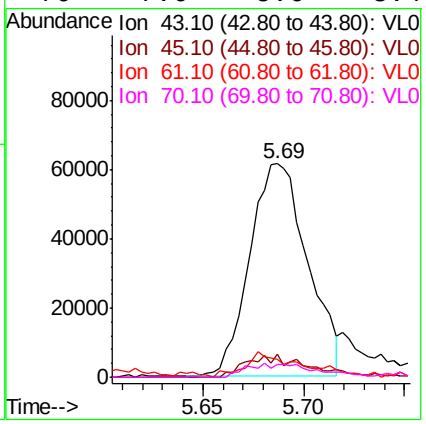


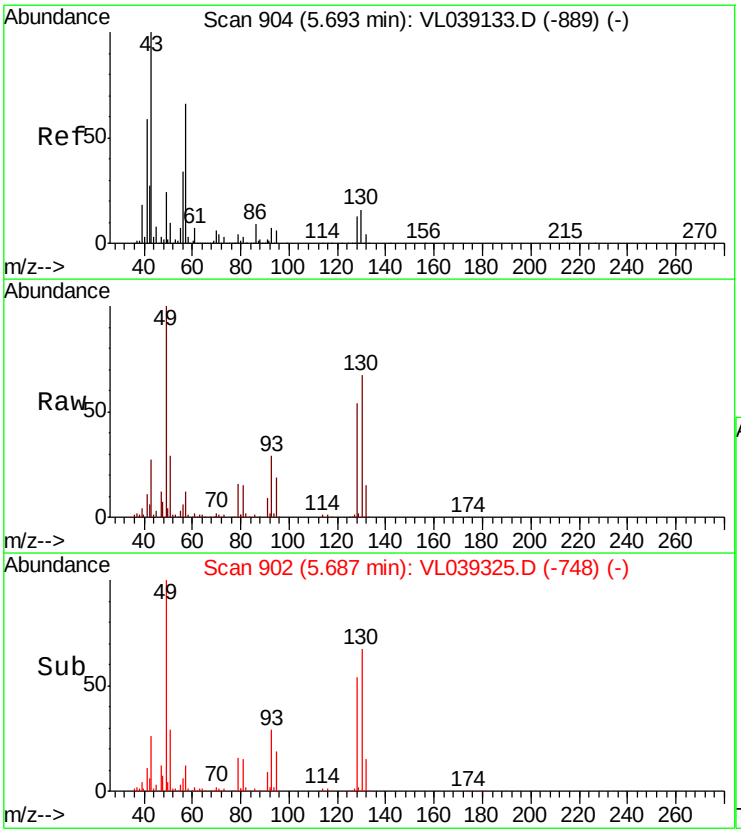
#25
Ethyl Acetate
Concen: 0.452 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 43 Resp: 123073

Ion	Ratio	Lower	Upper
43	100		
45	11.9	8.2	12.2
61	12.5	8.4	12.6
70	7.6	5.6	8.4

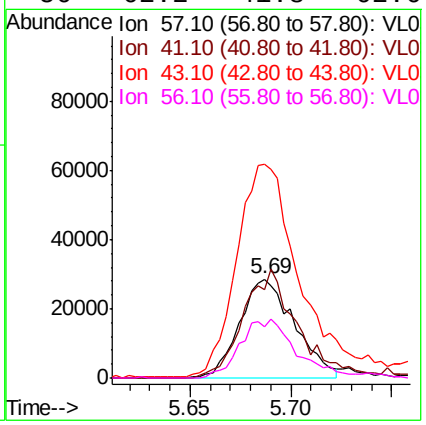


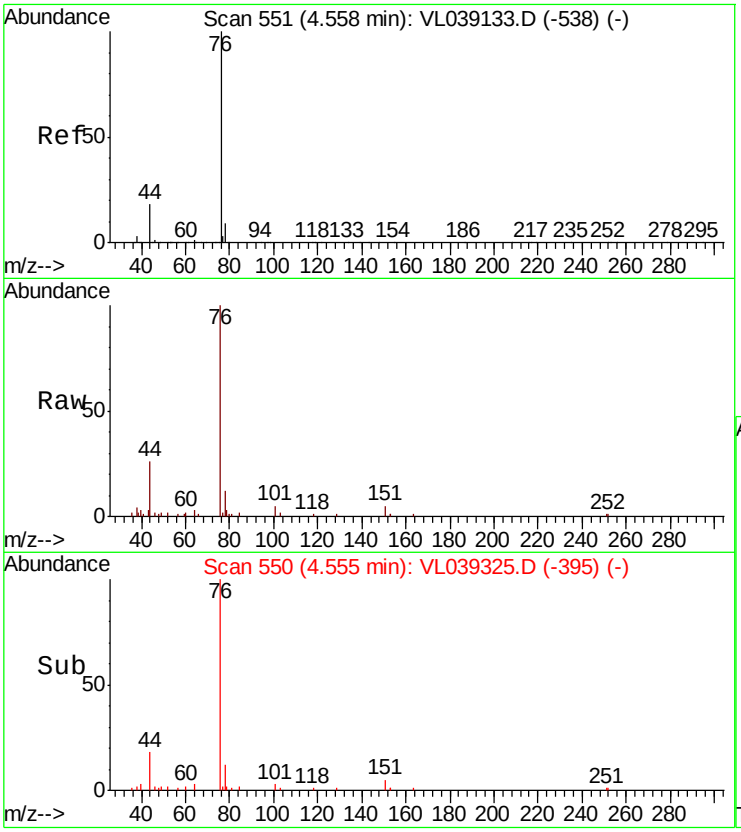


#26
Hexane
Concen: 0.456 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 57 Resp: 54566

Ion	Ratio	Lower	Upper
57	100		
41	113.2	72.4	108.6#
43	259.8	187.0	280.6
56	62.2	41.8	62.6



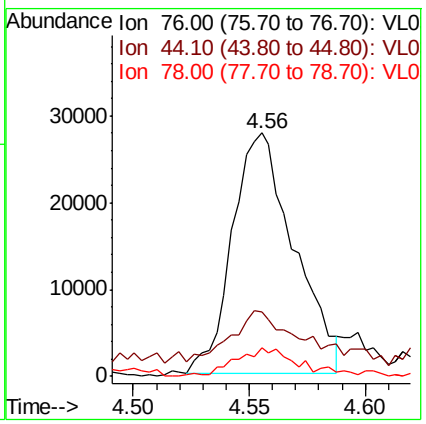


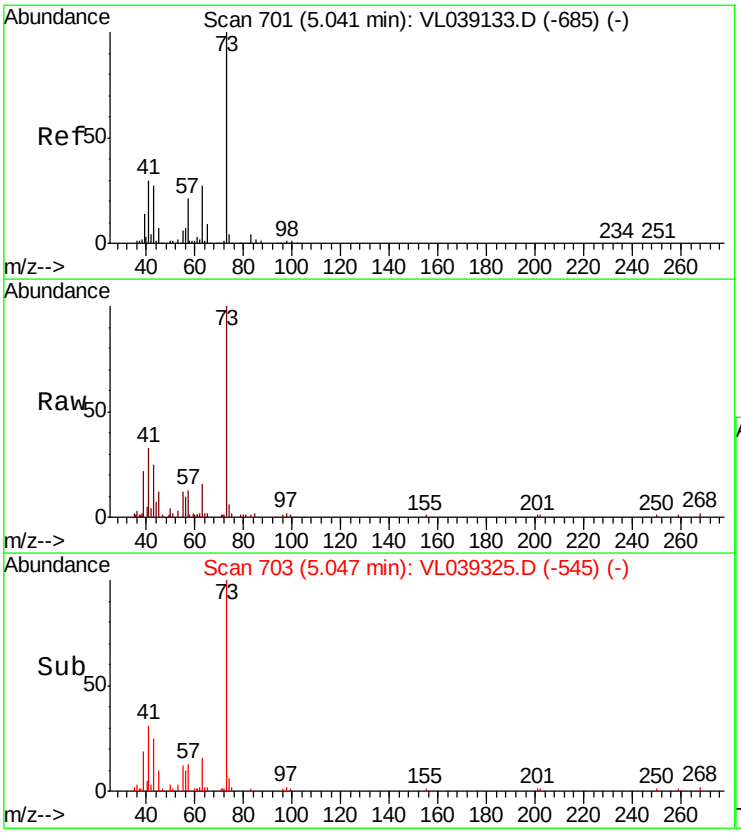
#27
Carbon Disulfide
Concen: 0.416 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 76 Resp: 51591

Ion	Ratio	Lower	Upper
76	100		
44	18.6	14.4	21.6
78	13.2	7.7	11.5#

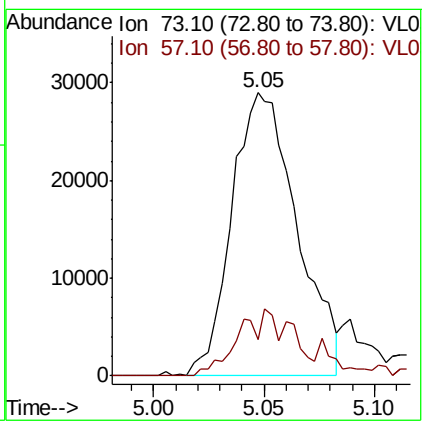


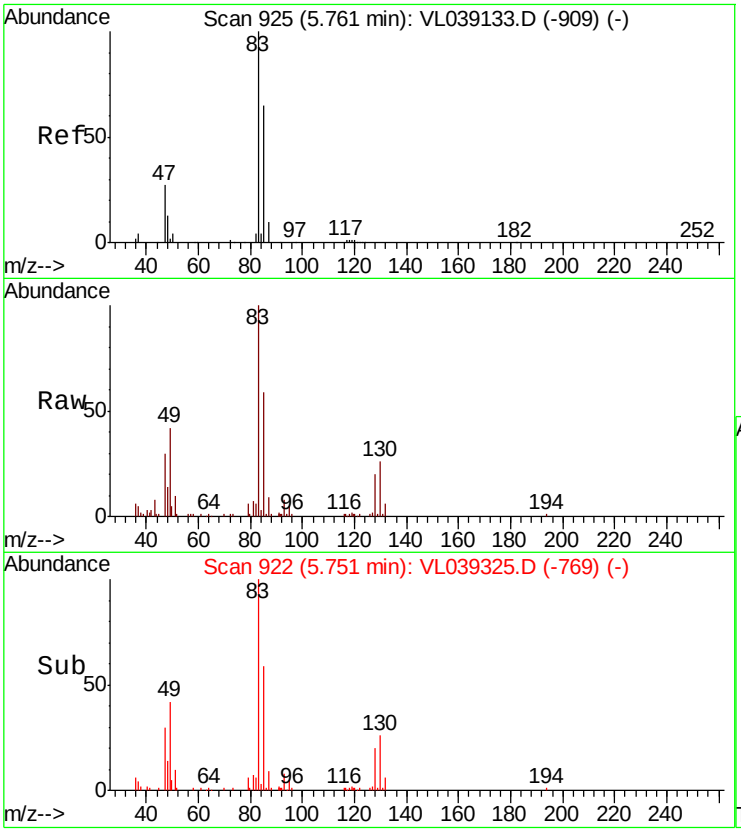


#28
Methyl tert-Butyl Ether
Concen: 0.450 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 73 Resp: 59414

Ion	Ratio	Lower	Upper
73	100		
57	24.4	18.6	27.8



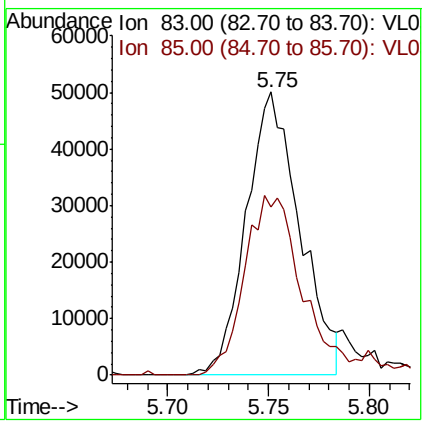


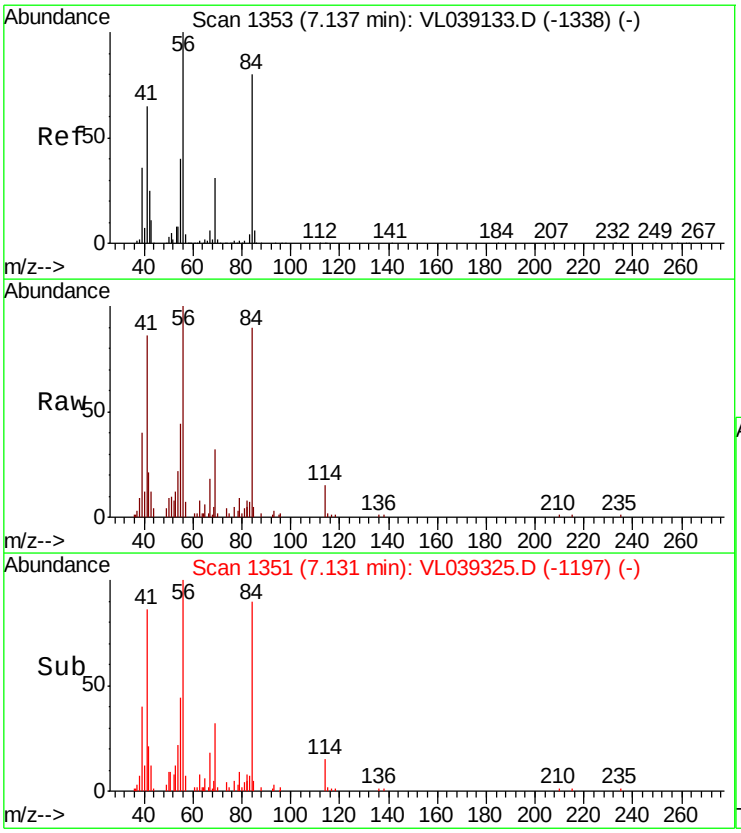
#29
Chloroform
Concen: 0.460 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 83 Resp: 92692

Ion	Ratio	Lower	Upper
83	100		
85	59.2	52.4	78.6

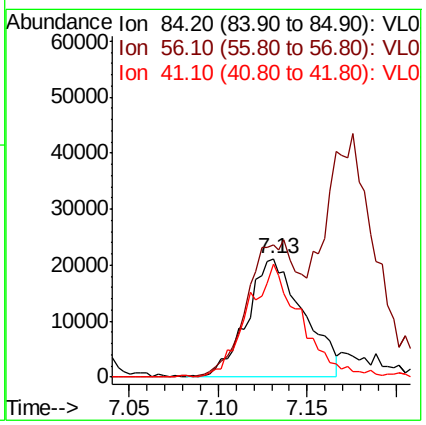


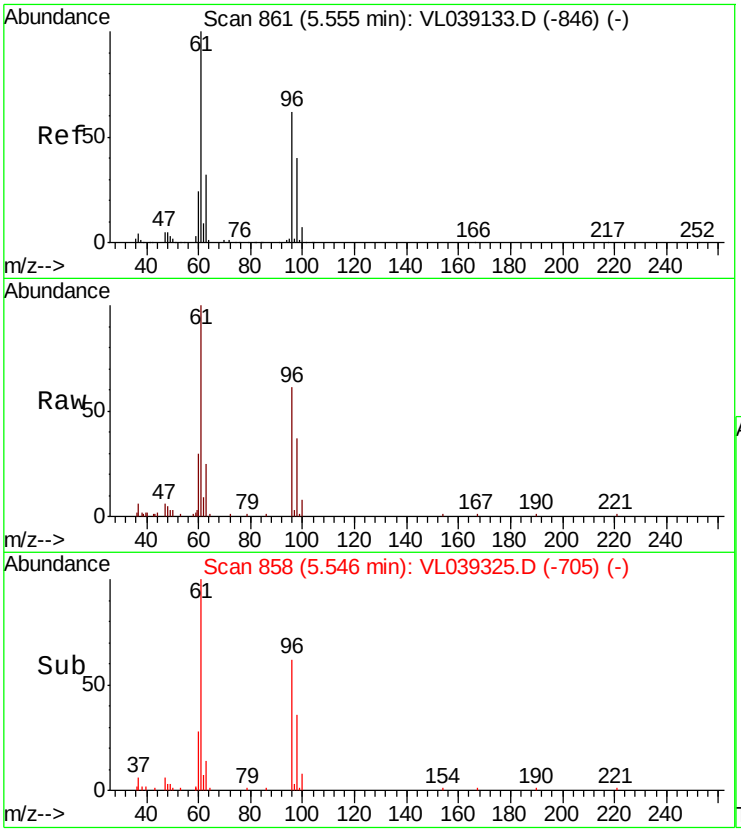


#30
Cyclohexane
Concen: 0.463 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 84 Resp: 46588

Ion	Ratio	Lower	Upper
84	100		
56	109.2	110.6	165.8#
41	91.9	68.9	103.3



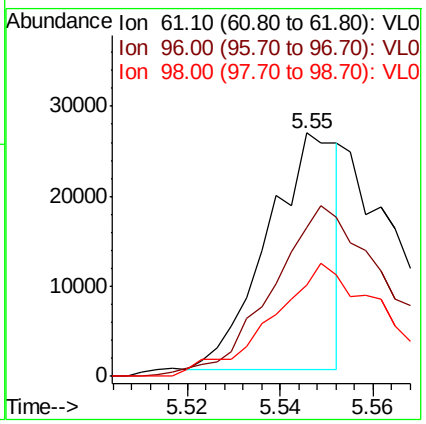


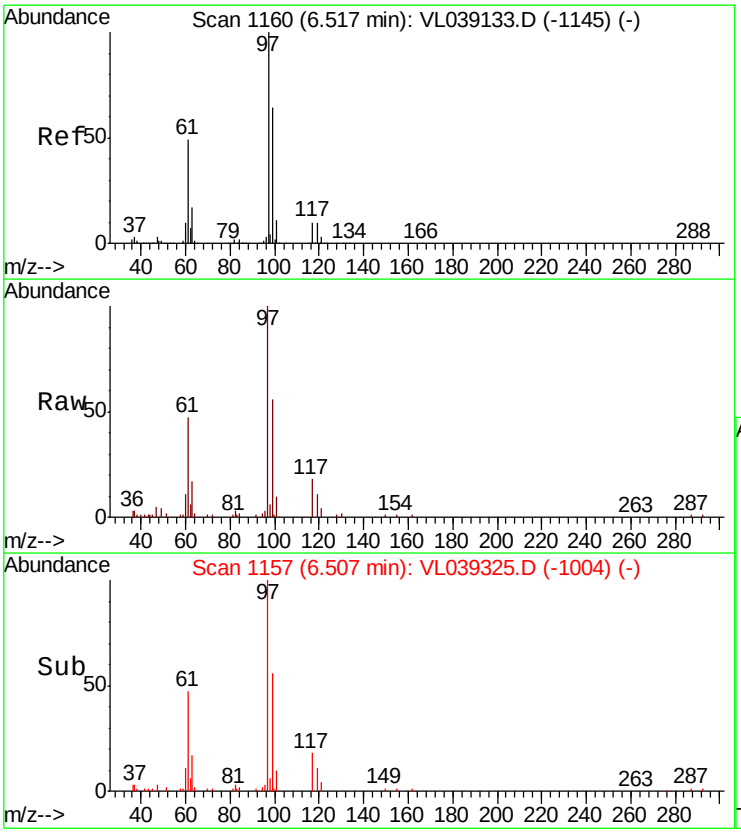
#31
cis-1,2-Dichloroethene
Concen: 0.226 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 61 Resp: 27602

Ion	Ratio	Lower	Upper
61	100		
96	62.3	49.9	74.9
98	35.8	32.0	48.0

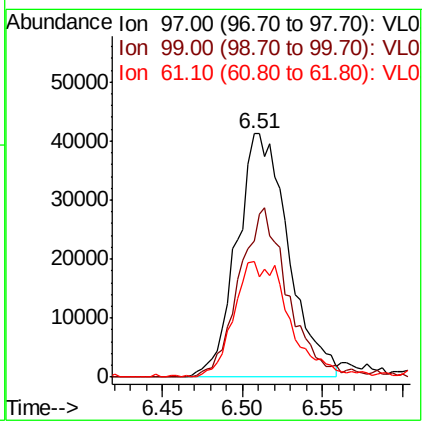


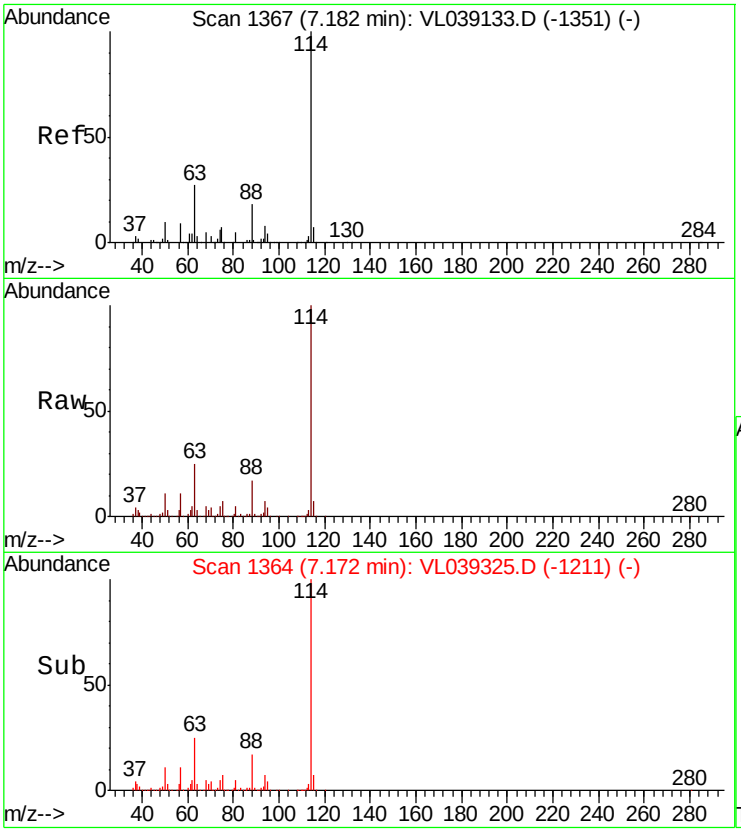


#32
1,1,1-Trichloroethane
Concen: 0.463 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 97 Resp: 91233

Ion	Ratio	Lower	Upper
97	100		
99	67.0	52.1	78.1
61	52.1	40.0	60.0



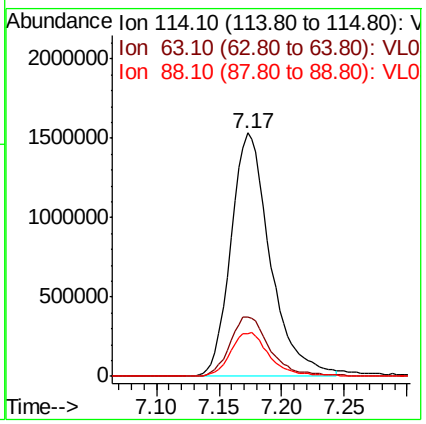


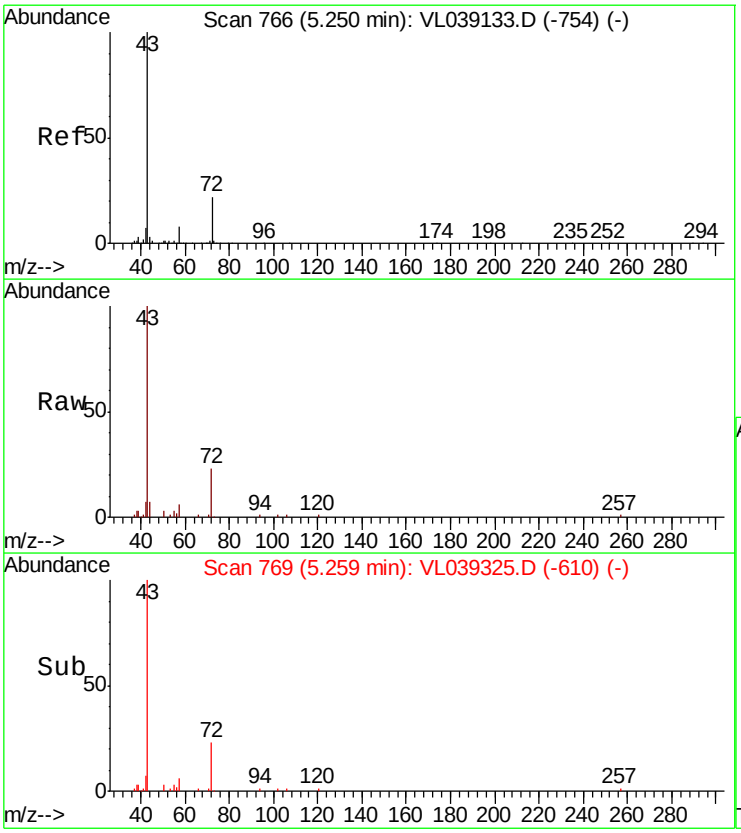
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:114 Resp: 3345876

Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	18.1	14.8	22.2

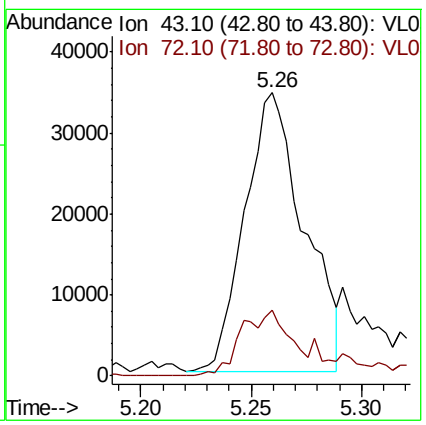


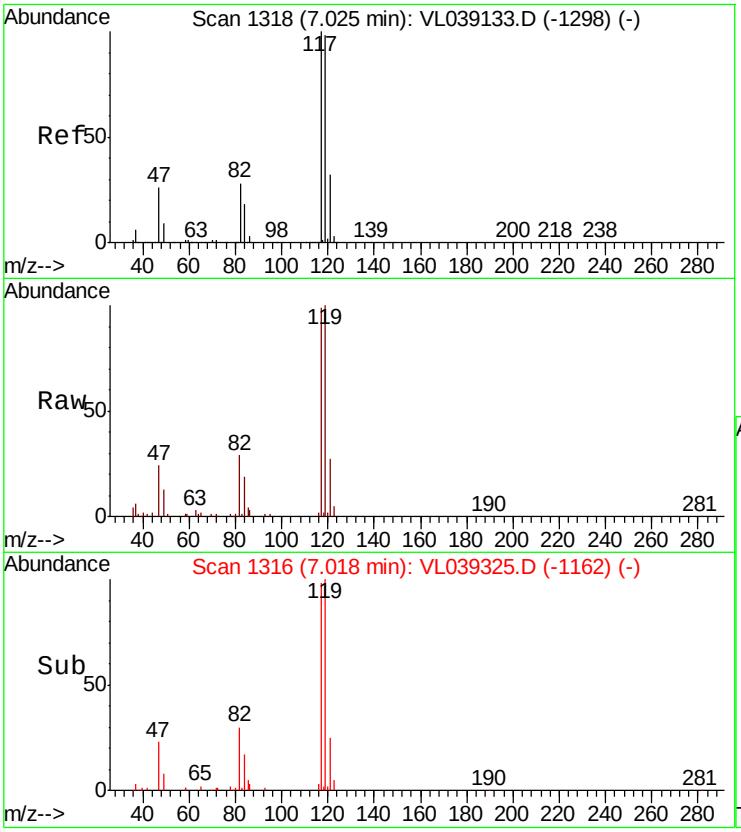


#34
2-Butanone
Concen: 0.352 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 43 Resp: 63967

Ion	Ratio	Lower	Upper
43	100		
72	27.4	18.2	27.2#



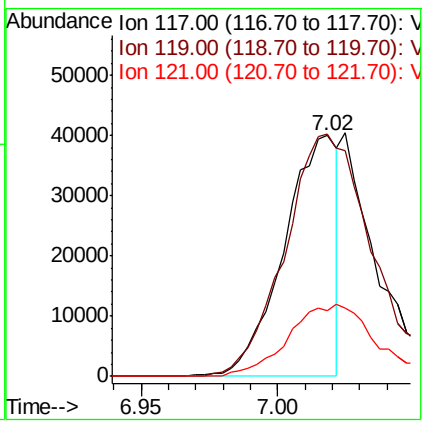


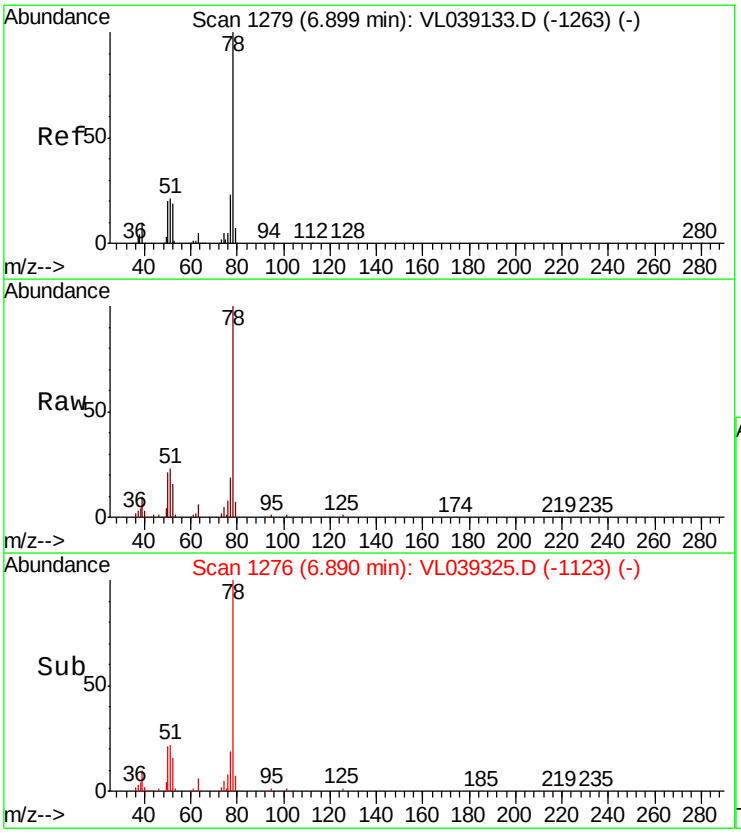
#35
Carbon Tetrachloride
Concen: 0.222 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:117 Resp: 54193

Ion	Ratio	Lower	Upper
117	100		
119	100.9	78.6	118.0
121	27.1	25.4	38.0

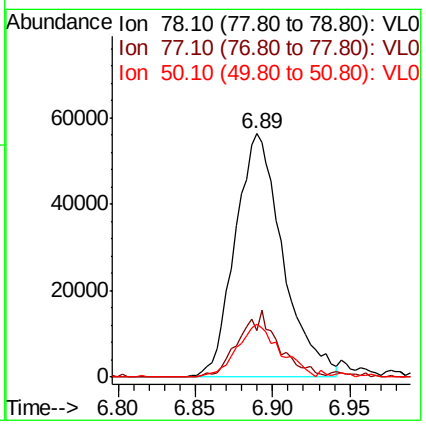


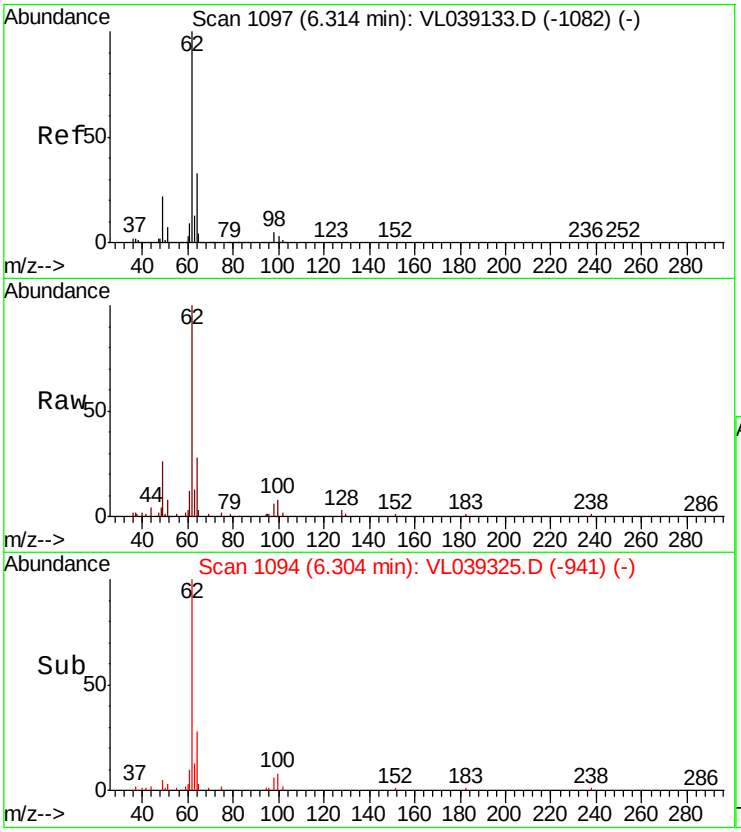


#36
Benzene
Concen: 0.444 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 78 Resp: 120606

Ion	Ratio	Lower	Upper
78	100		
77	19.0	18.6	27.8
50	21.5	15.8	23.8



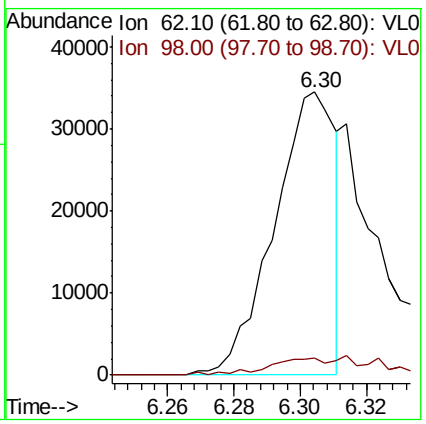


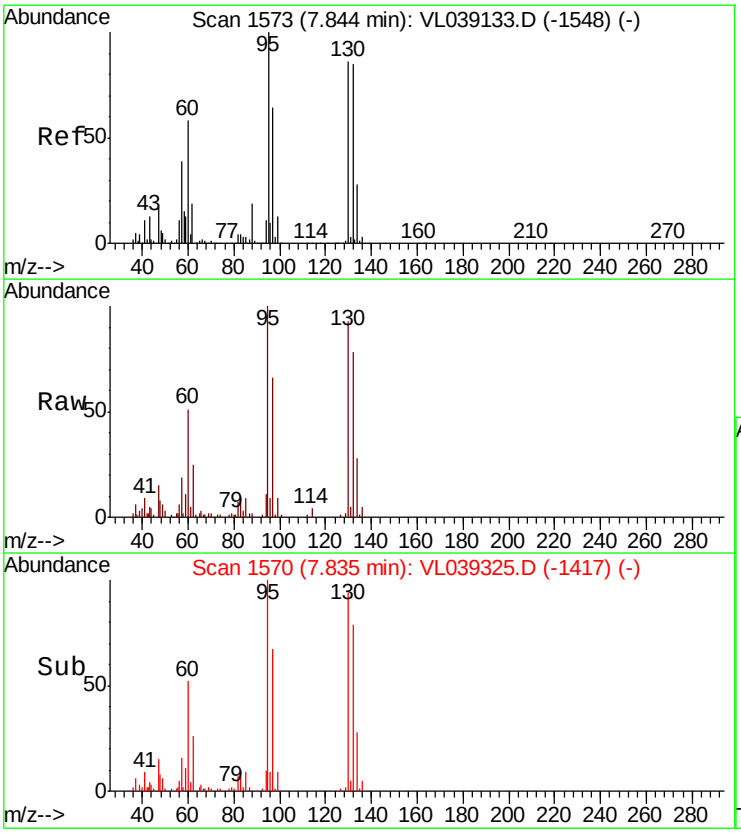
#37
1,2-Dichloroethane
Concen: 0.248 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 62 Resp: 44258

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.3	6.5#

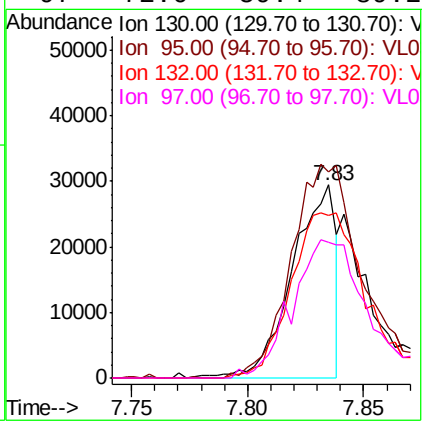


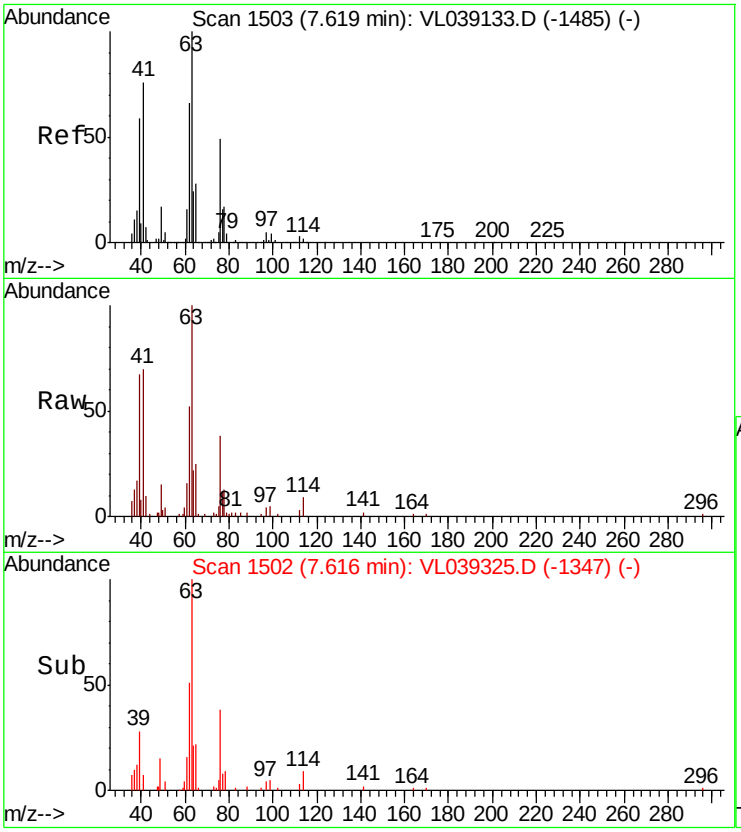


#38
Trichloroethene
Concen: 0.305 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:130 Resp: 38084

Ion	Ratio	Lower	Upper
130	100		
95	109.1	93.3	139.9
132	85.6	79.0	118.4
97	72.0	59.4	89.2



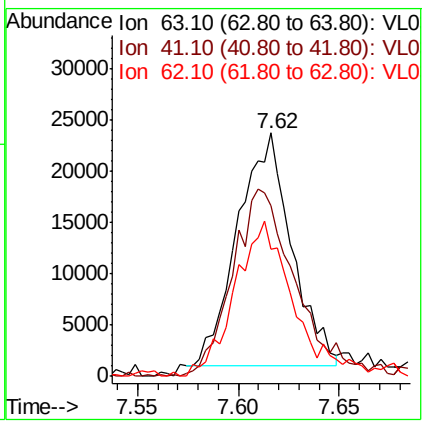


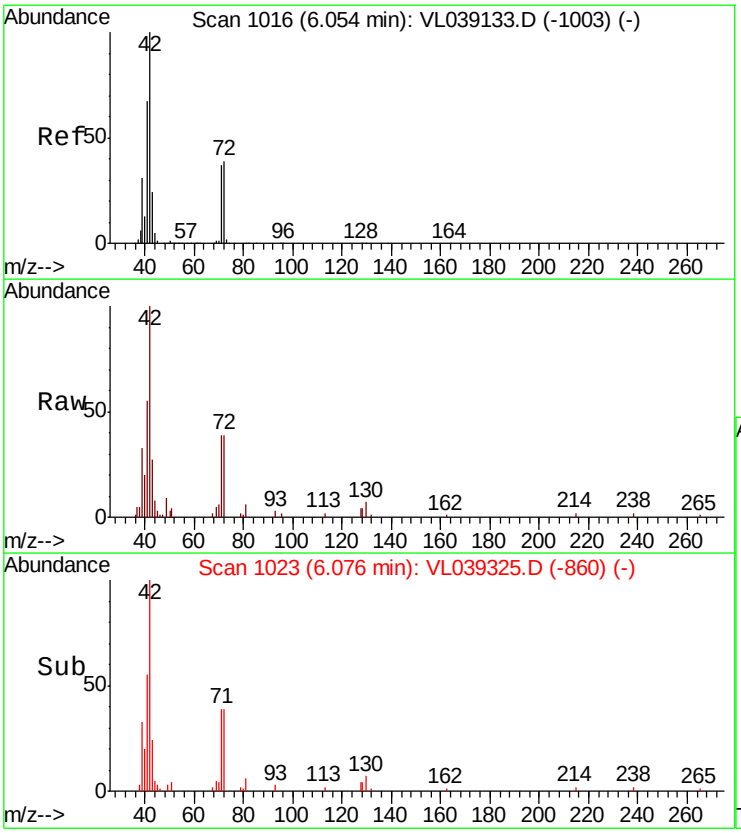
#39
1,2-Dichloropropane
Concen: 0.392 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 63 Resp: 42366

Ion	Ratio	Lower	Upper
63	100		
41	74.0	60.8	91.2
62	51.3	52.9	79.3#

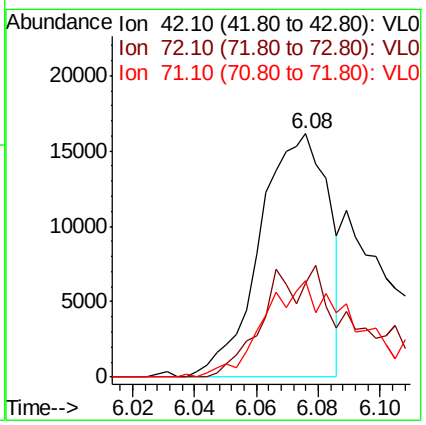


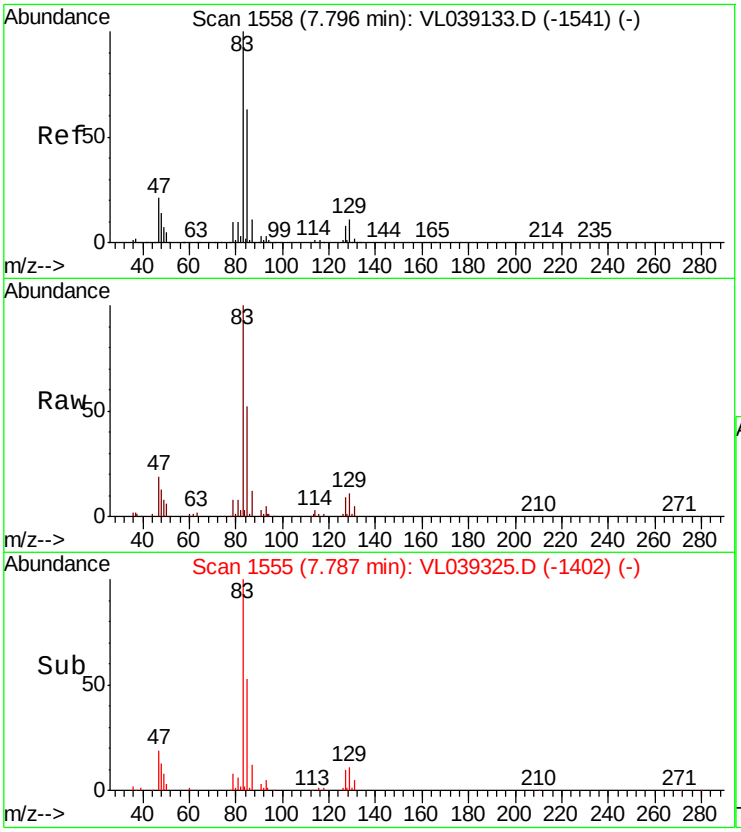


#41
Tetrahydrofuran
Concen: 0.229 ppbv
RT: 6.08 min Scan# 1023
Delta R.T. 0.02 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 42 Resp: 24999

Ion	Ratio	Lower	Upper
42	100		
72	68.8	32.0	48.0#
71	68.4	31.1	46.7#



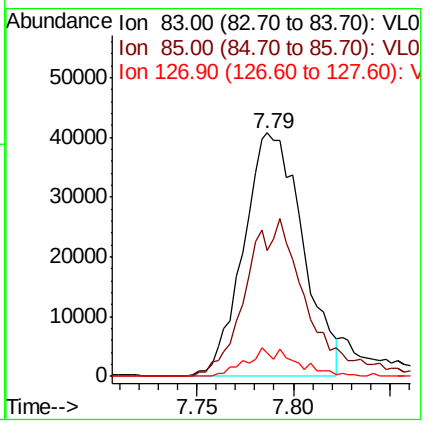


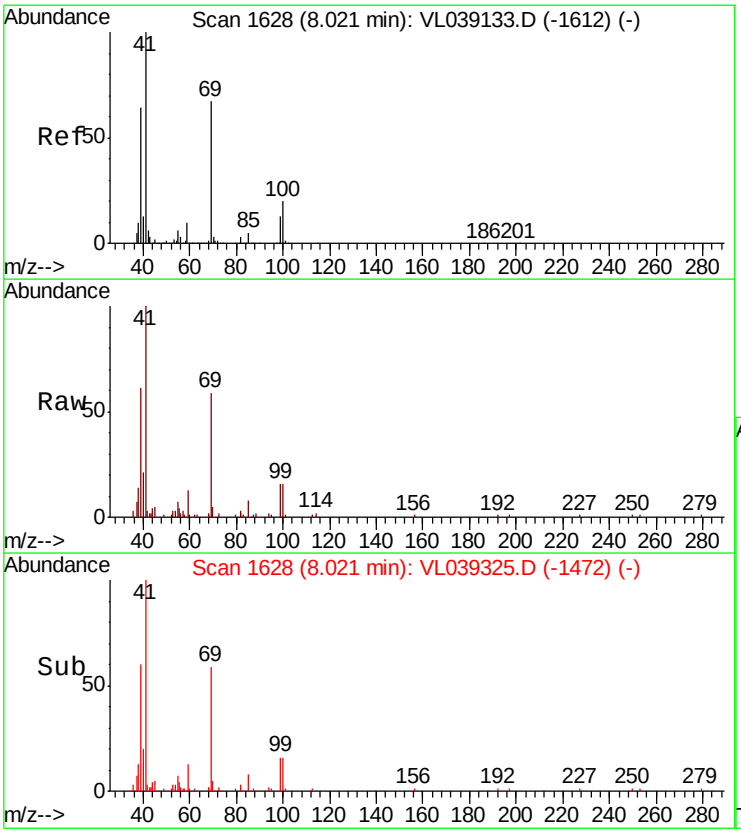
#42
Bromodichloromethane
Concen: 0.350 ppbv
RT: 7.79
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 83 Resp: 86758

Ion	Ratio	Lower	Upper
83	100		
85	51.7	50.2	75.4
127	9.4	6.6	9.8

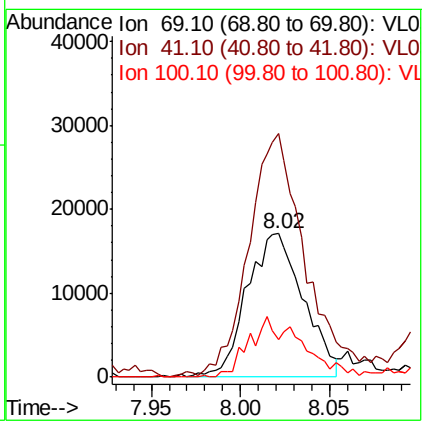


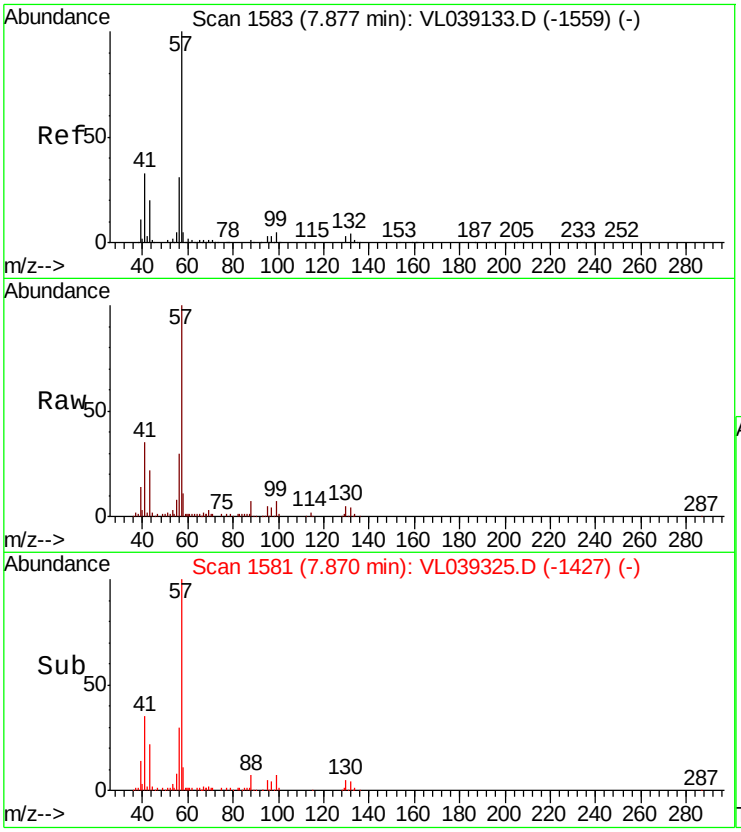


#43
Methyl Methacrylate
Concen: 0.356 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 69 Resp: 37697

Ion	Ratio	Lower	Upper
69	100		
41	174.0	121.9	182.9
100	40.5	24.1	36.1#



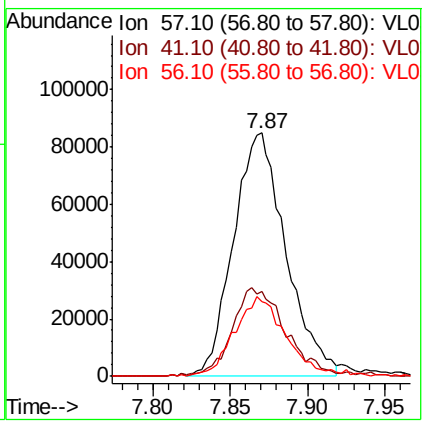


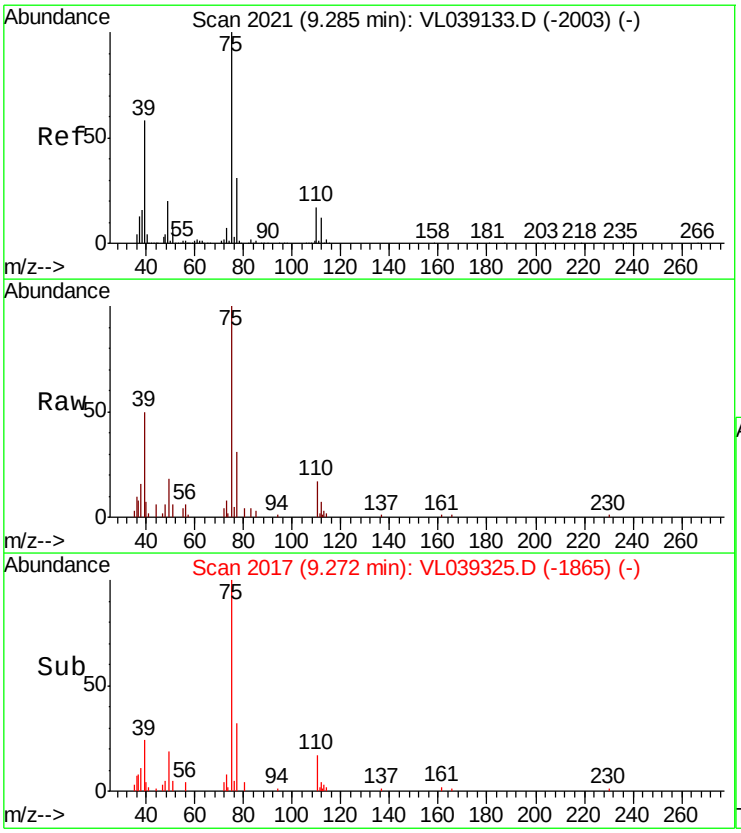
#44
2,2,4-Trimethylpentane
Concen: 0.420 ppbv
RT: 7.87
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 57 Resp: 199684

Ion	Ratio	Lower	Upper
57	100		
41	37.9	26.2	39.4
56	33.0	24.7	37.1

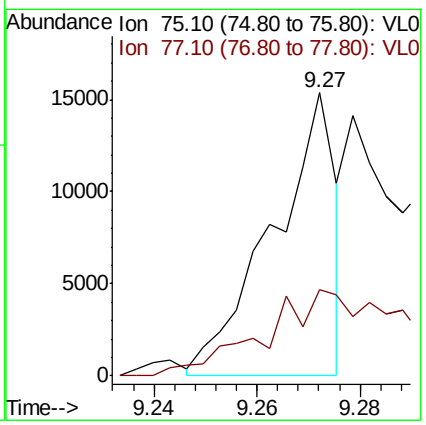


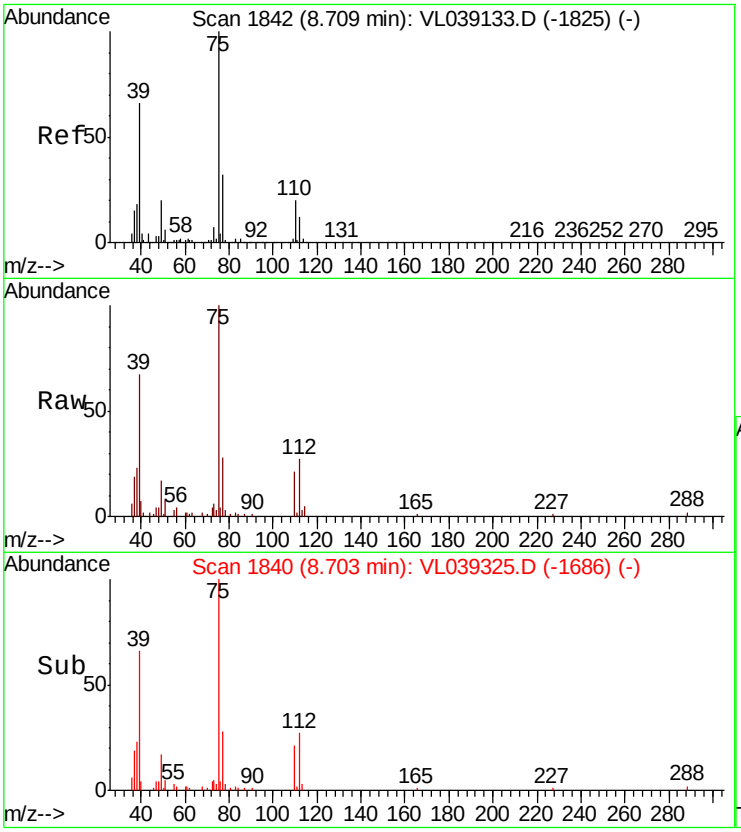


#45
t-1,3-Dichloropropene
Concen: 0.118 ppbv
RT: 9.27 min Scan# 2017
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 75 Resp: 12956

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.4	36.6



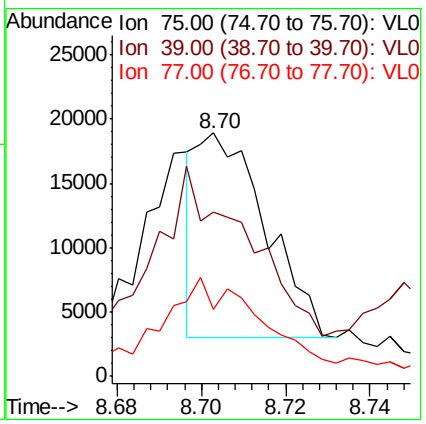


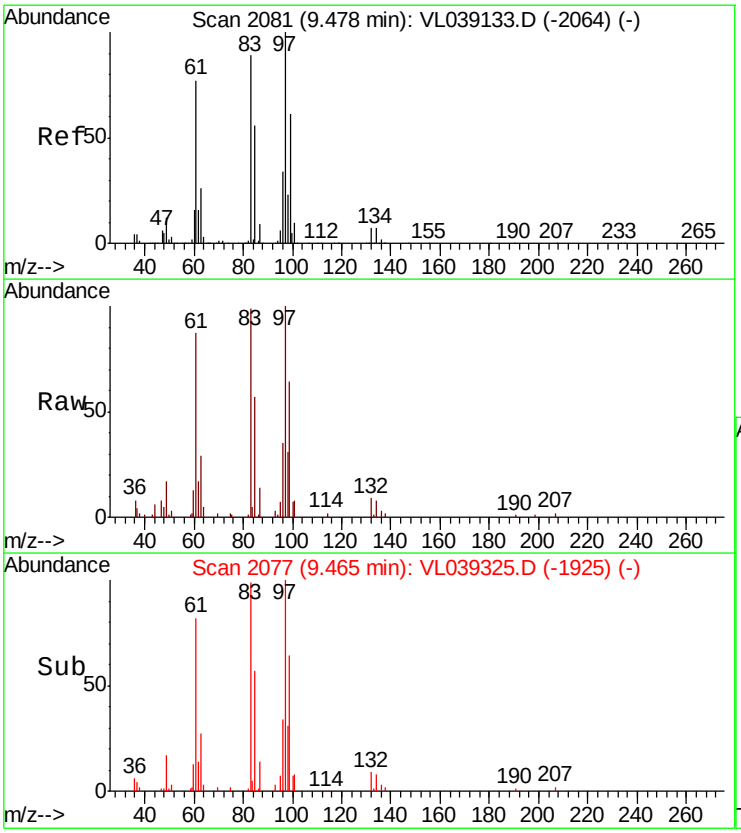
#46
cis-1,3-Dichloropropene
Concen: 0.124 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 75 Resp: 18001

Ion	Ratio	Lower	Upper
75	100		
39	58.1	52.4	78.6
77	26.3	25.5	38.3

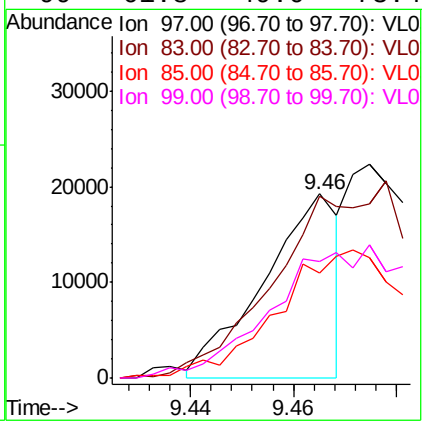


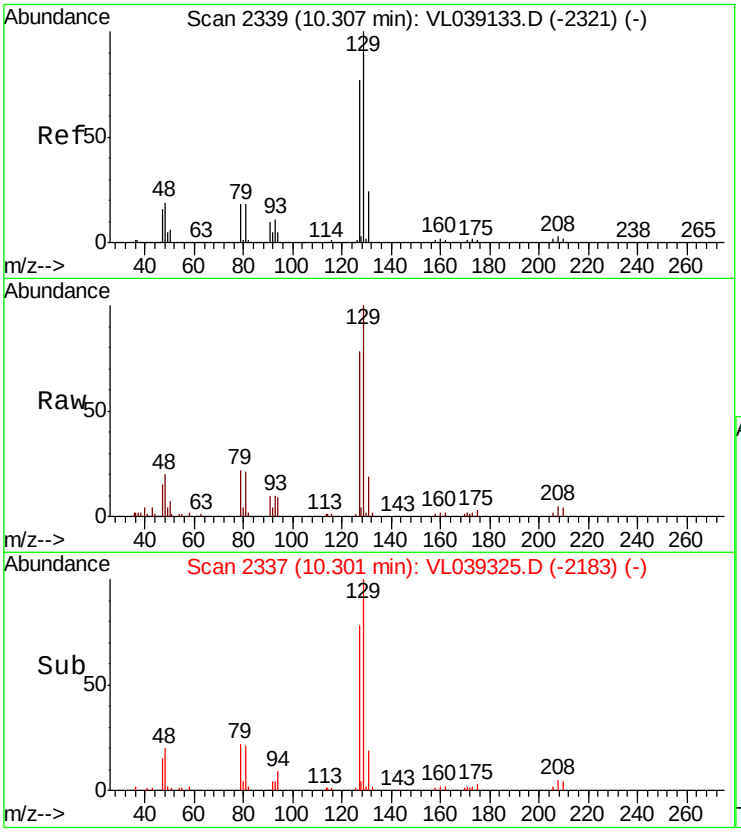


#47
1,1,2-Trichloroethane
Concen: 0.172 ppbv
RT: 9.46 min Scan# 2077
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 97 Resp: 19370

Ion	Ratio	Lower	Upper
97	100		
83	94.3	71.6	107.4
85	52.5	44.8	67.2
99	61.8	49.0	73.4



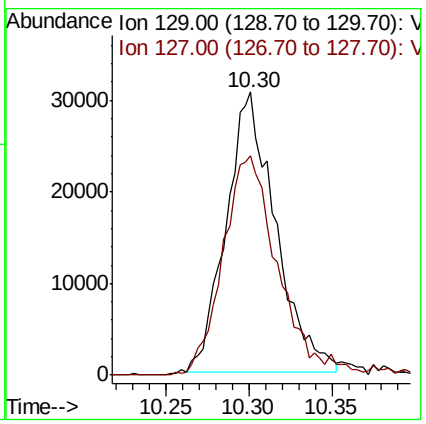


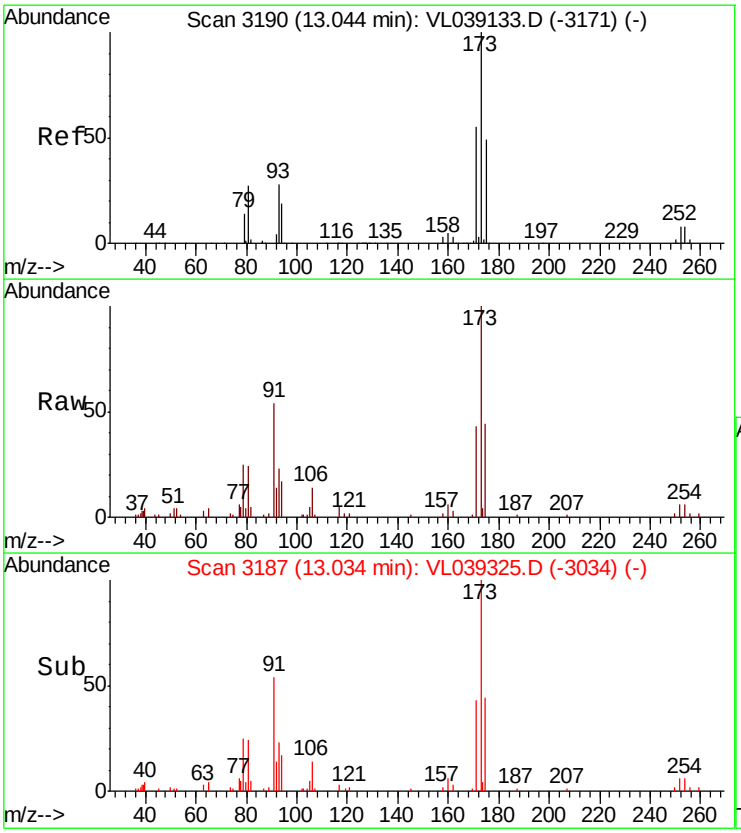
#48
Dibromochloromethane
Concen: 0.317 ppbv
RT: 10.30
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:129 Resp: 63764

Ion	Ratio	Lower	Upper
129	100		
127	86.5	40.0	119.9

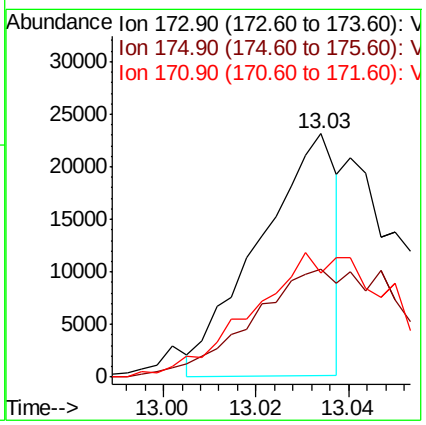


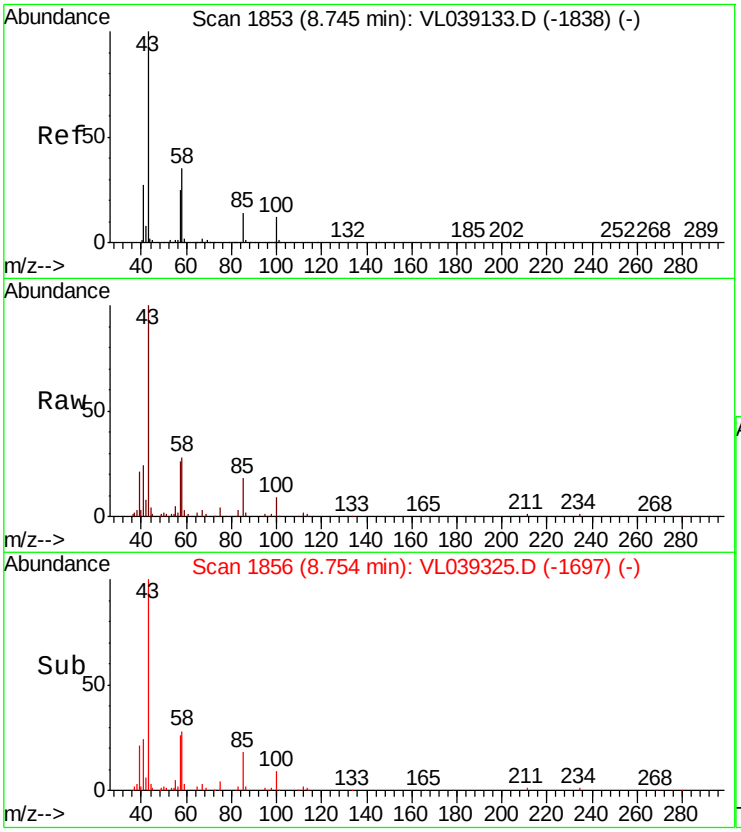


#49
Bromoform
Concen: 0.160 ppbv
RT: 13.03 min Scan# 3187
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:173 Resp: 26770

Ion	Ratio	Lower	Upper
173	100		
175	96.8	40.2	60.2#
171	100.2	43.9	65.9#



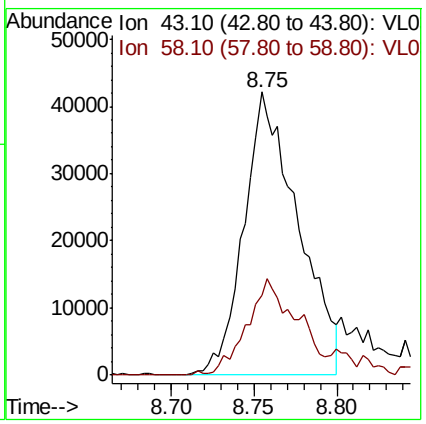


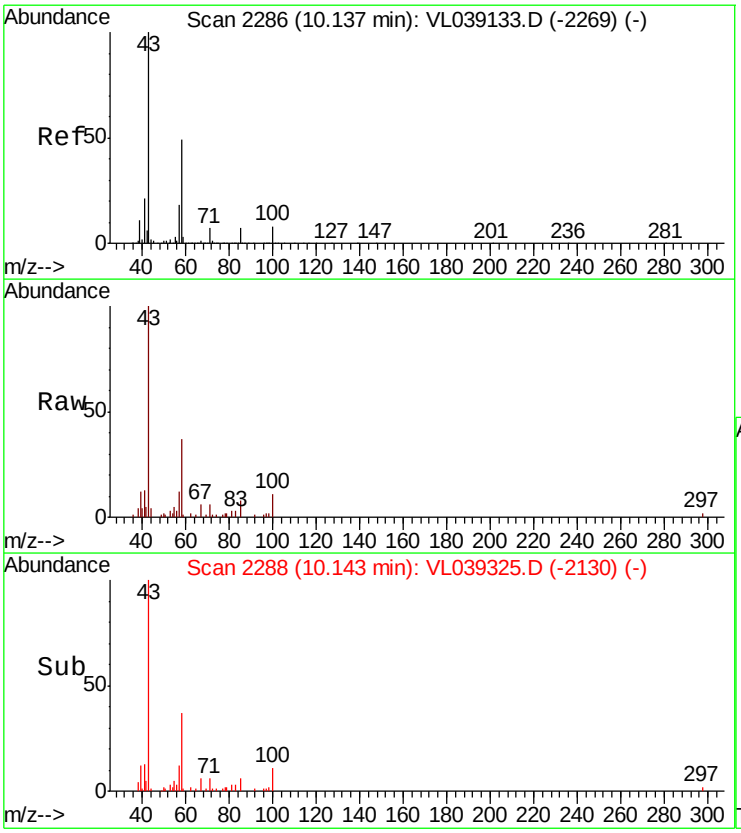
#50
4-Methyl-2-Pentanone
Concen: 0.351 ppbv
RT: 8.75
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 43 Resp: 95558

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.7	43.1

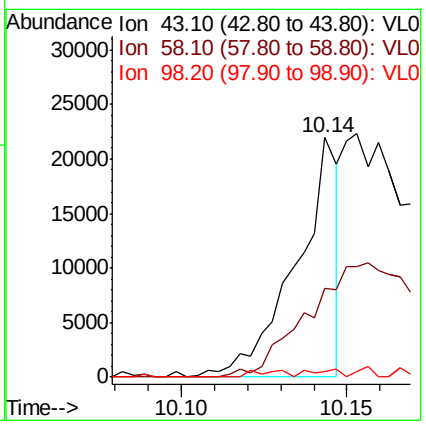


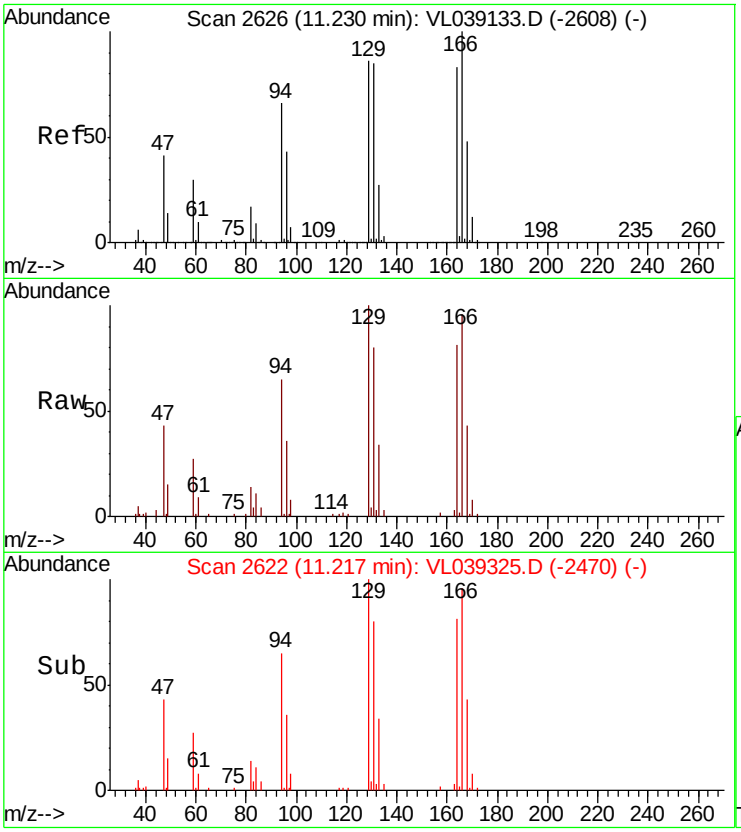


#51
2-Hexanone
Concen: 0.091 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 43 Resp: 19362

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	0.3	0.1	0.1#



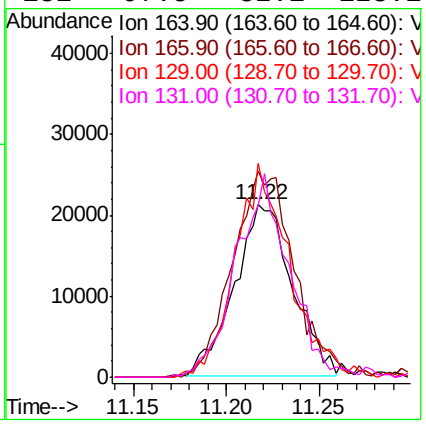


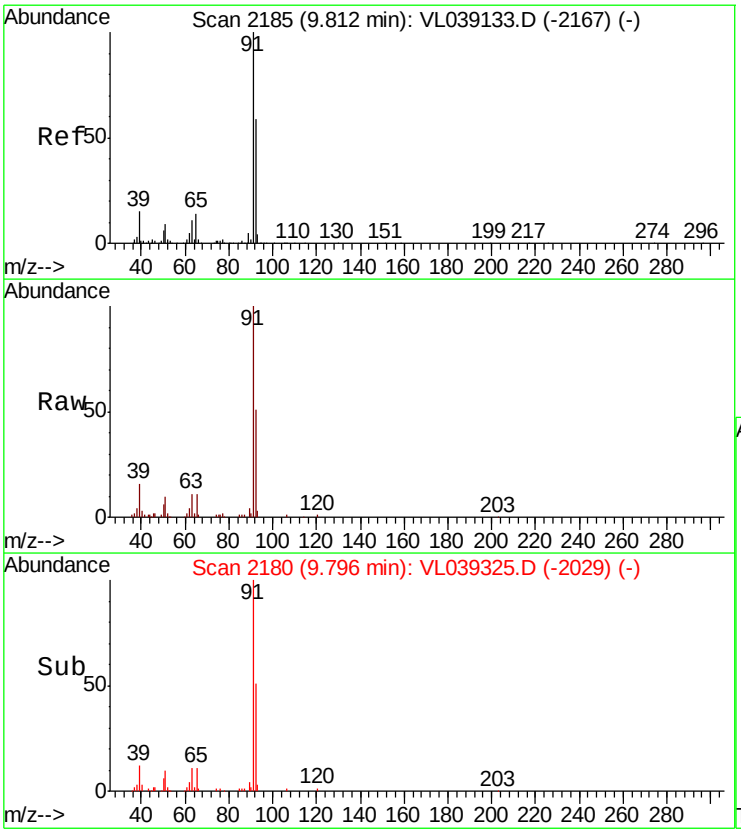
#52
Tetrachloroethene
Concen: 0.431 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:164 Resp: 45718

Ion	Ratio	Lower	Upper
164	100		
166	118.3	96.3	144.5
129	121.3	82.5	123.7
131	97.5	82.1	123.1

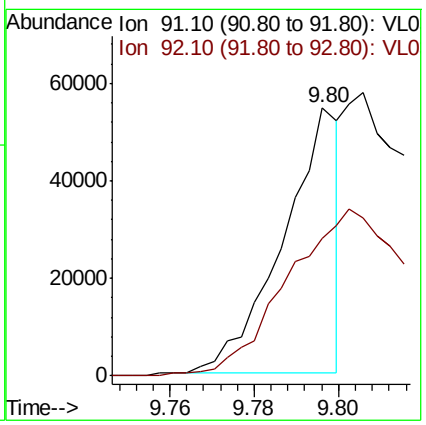


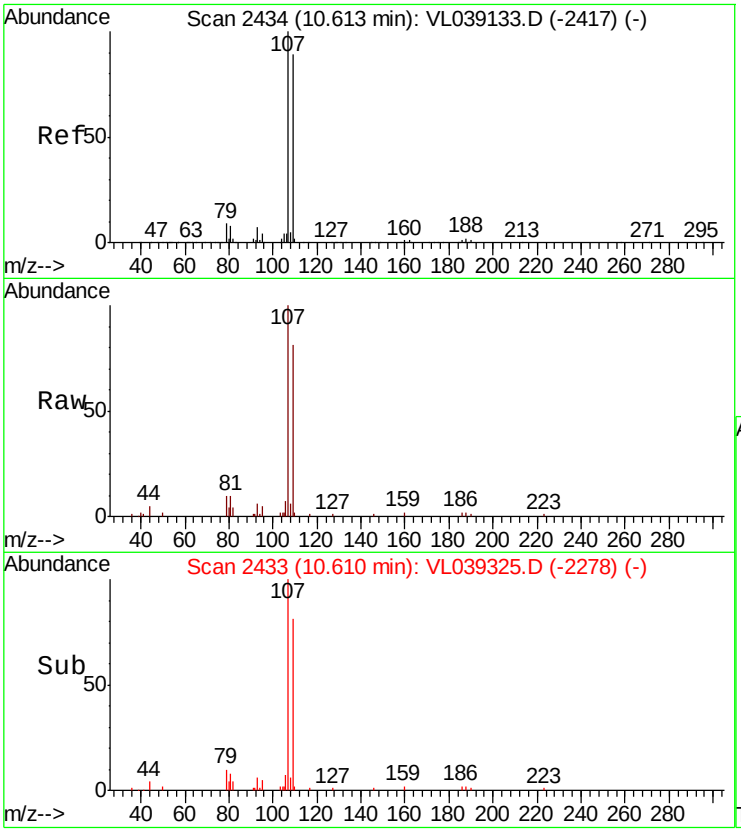


#53
Toluene
Concen: 0.162 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.02 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 91 Resp: 50536

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.1	72.1#



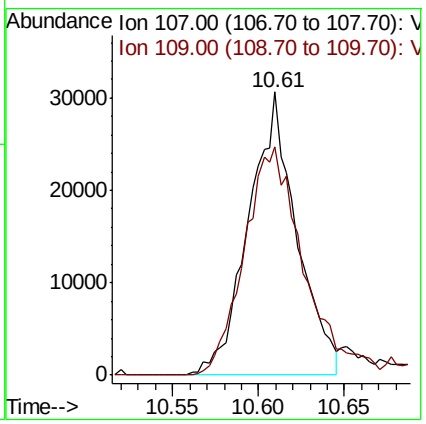


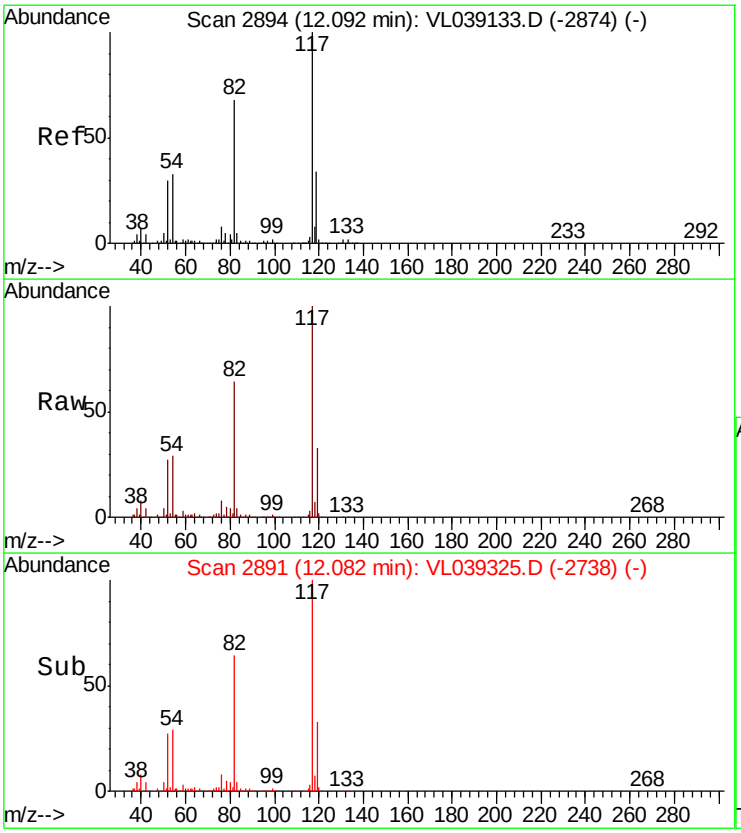
#54
1,2-Dibromoethane
Concen: 0.392 ppbv
RT: 10.61
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:107 Resp: 59305

Ion	Ratio	Lower	Upper
107	100		
109	80.8	71.4	107.0

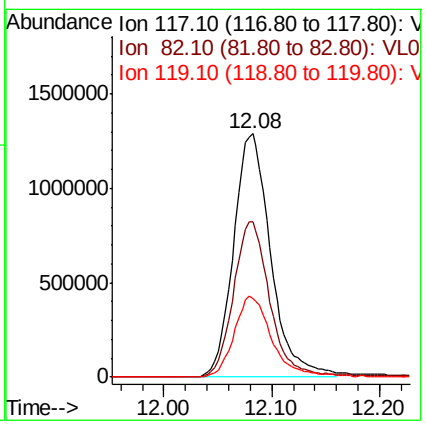


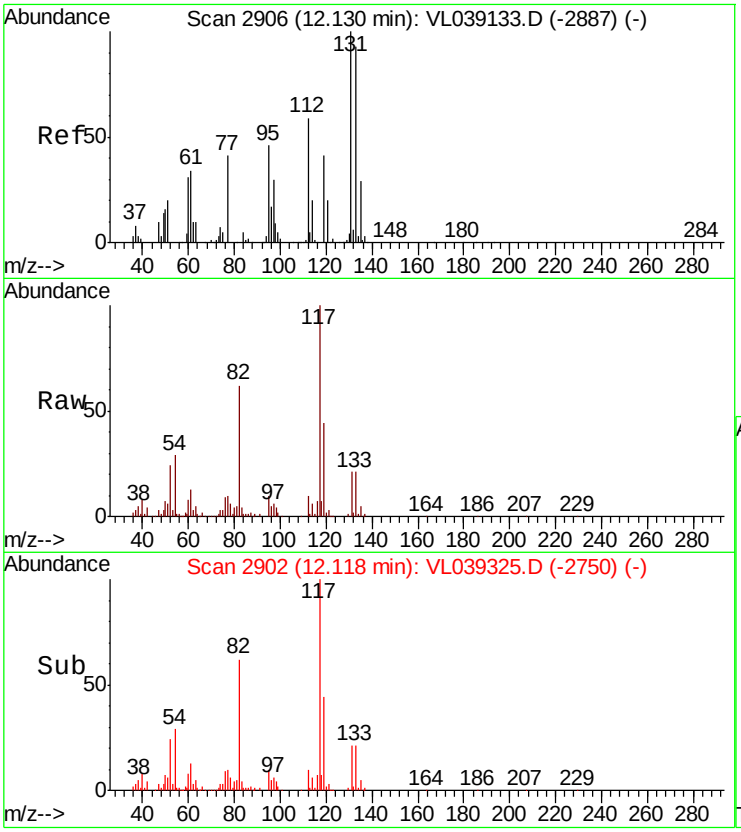


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:117 Resp: 3087144

Ion	Ratio	Lower	Upper
117	100		
82	63.9	55.1	82.7
119	34.1	24.7	37.1



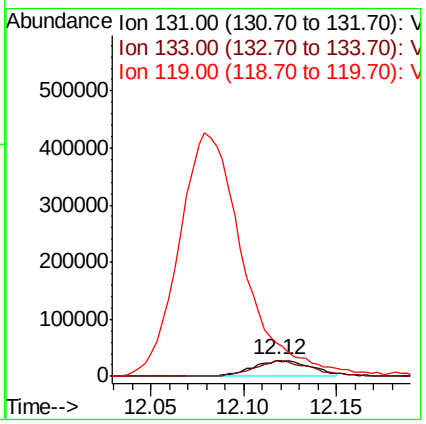


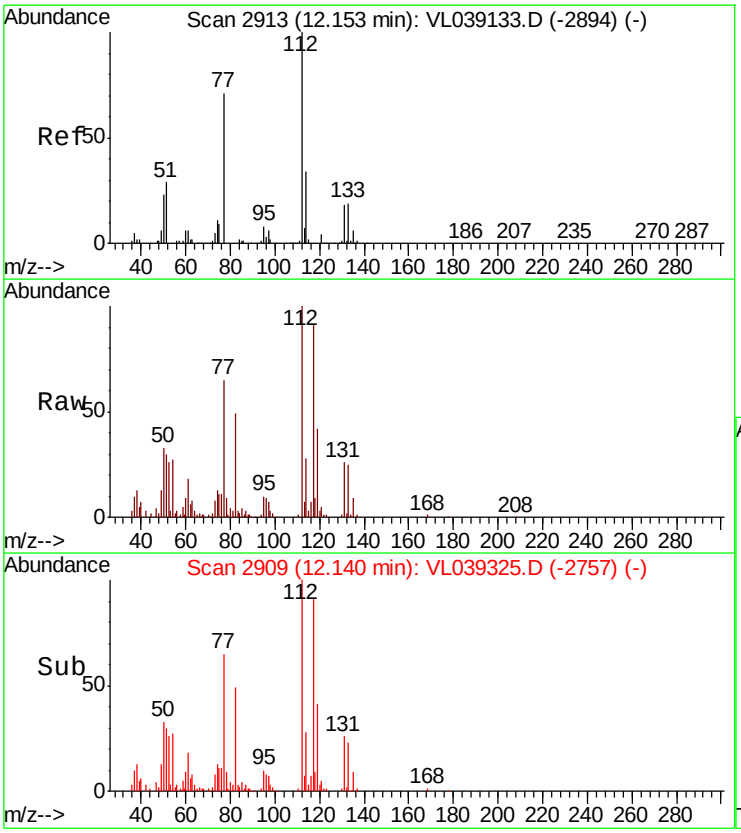
#56
1,1,1,2-Tetrachloroethane
Concen: 0.419 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:131 Resp: 61250

Ion	Ratio	Lower	Upper
131	100		
133	99.6	78.6	117.8
119	1701.4	51.7	77.5#

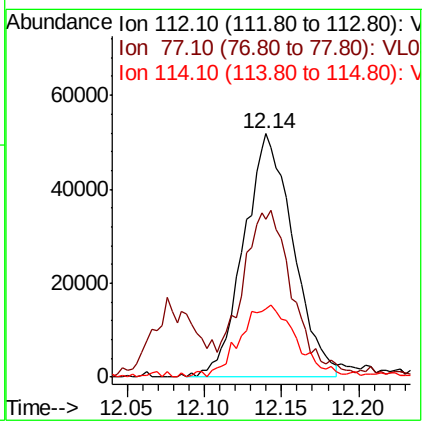


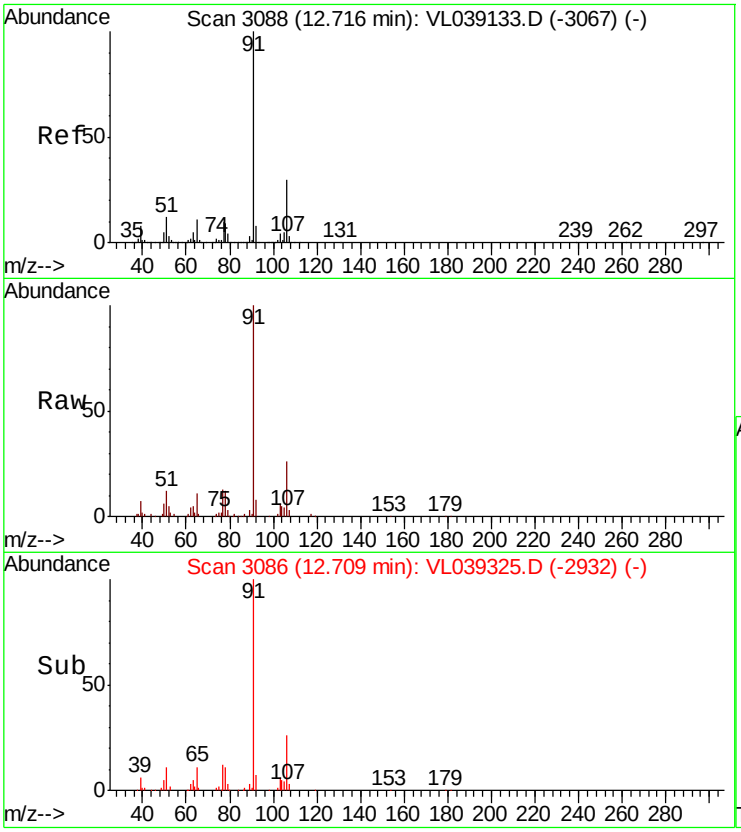


#57
Chlorobenzene
Concen: 0.496 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:112 Resp: 115136

Ion	Ratio	Lower	Upper
112	100		
77	60.4	56.5	84.7
114	28.6	30.3	37.1#



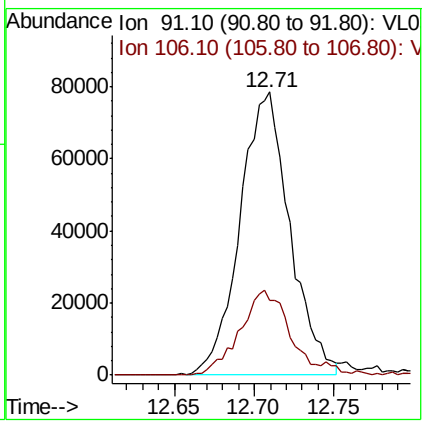


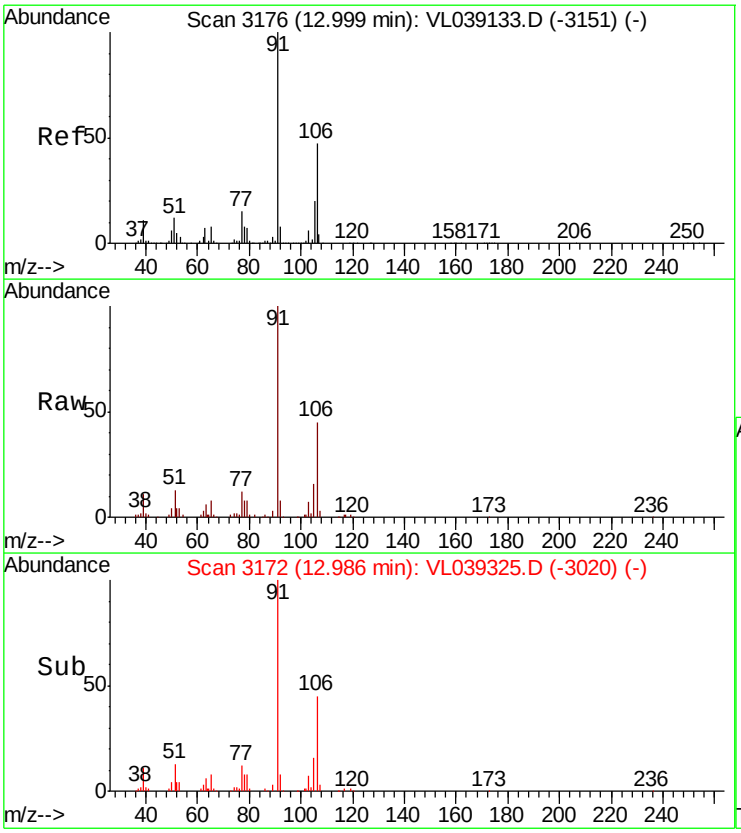
#58
Ethyl Benzene
Concen: 0.395 ppbv
RT: 12.71
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 91 Resp: 168025

Ion	Ratio	Lower	Upper
91	100		
106	26.2	24.2	36.4

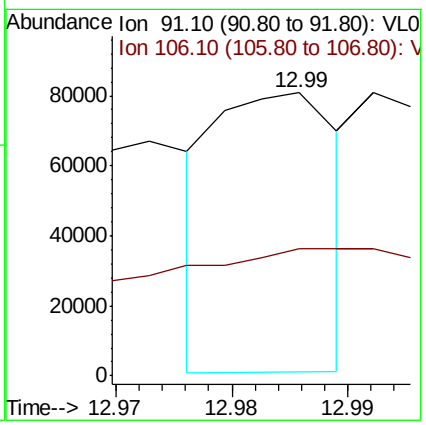


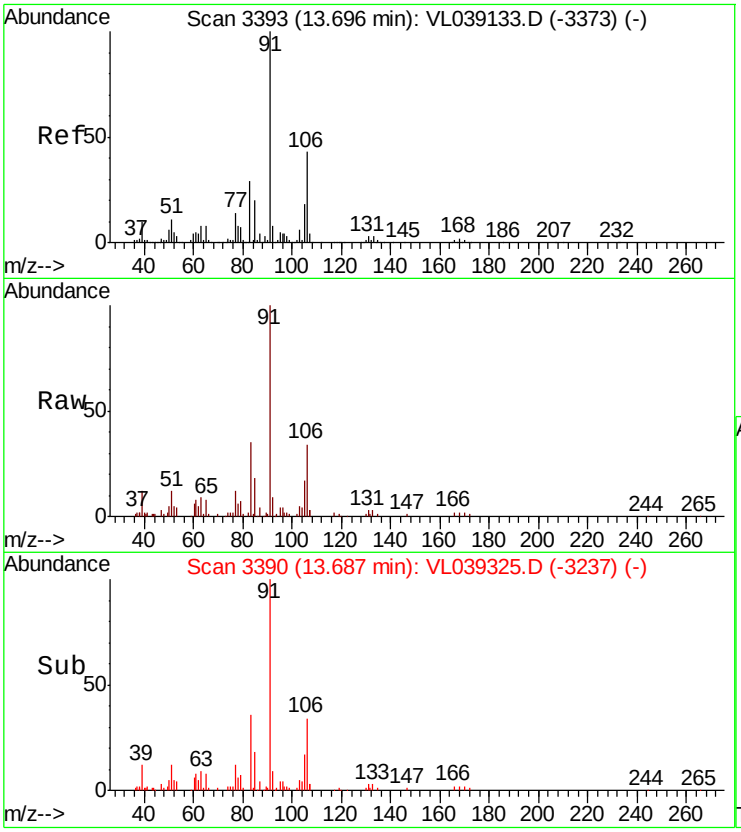


#59
m/p-Xylene
Concen: 0.155 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 91 Resp: 58202

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.3	51.5#



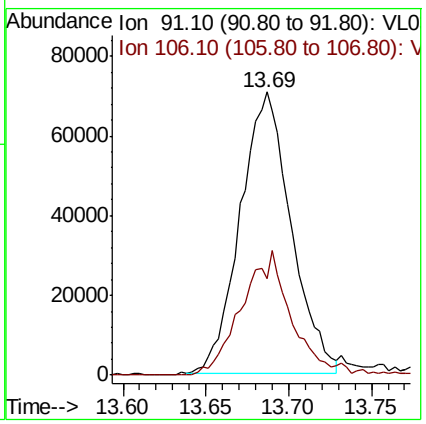


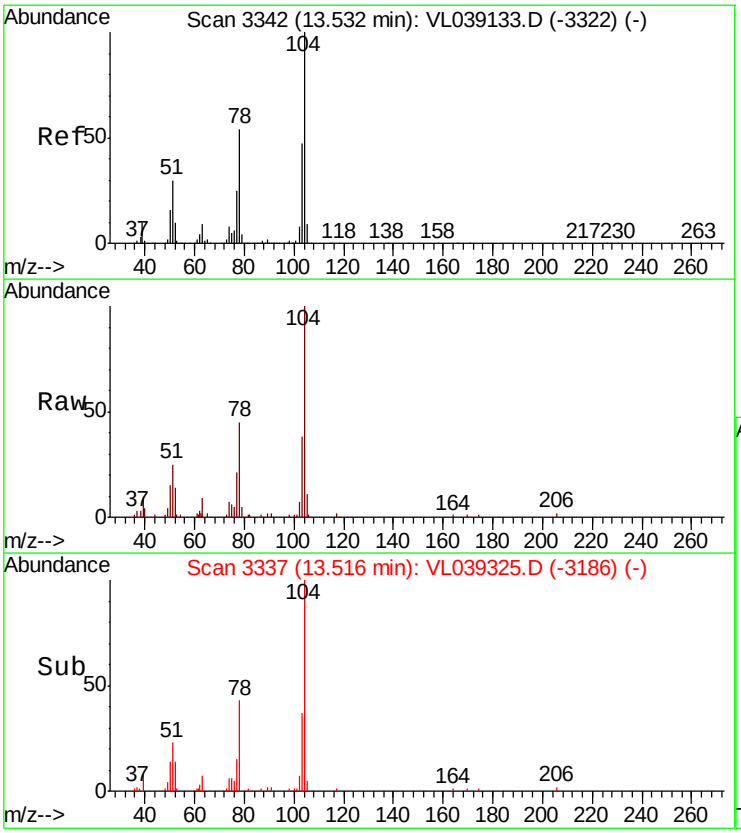
#60
o-Xylene
Concen: 0.428 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 91 Resp: 150750

Ion	Ratio	Lower	Upper
91	100		
106	44.4	22.3	66.9

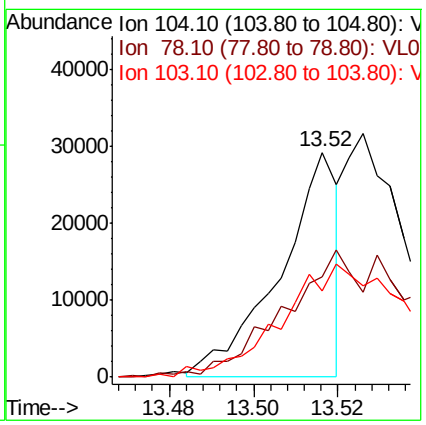


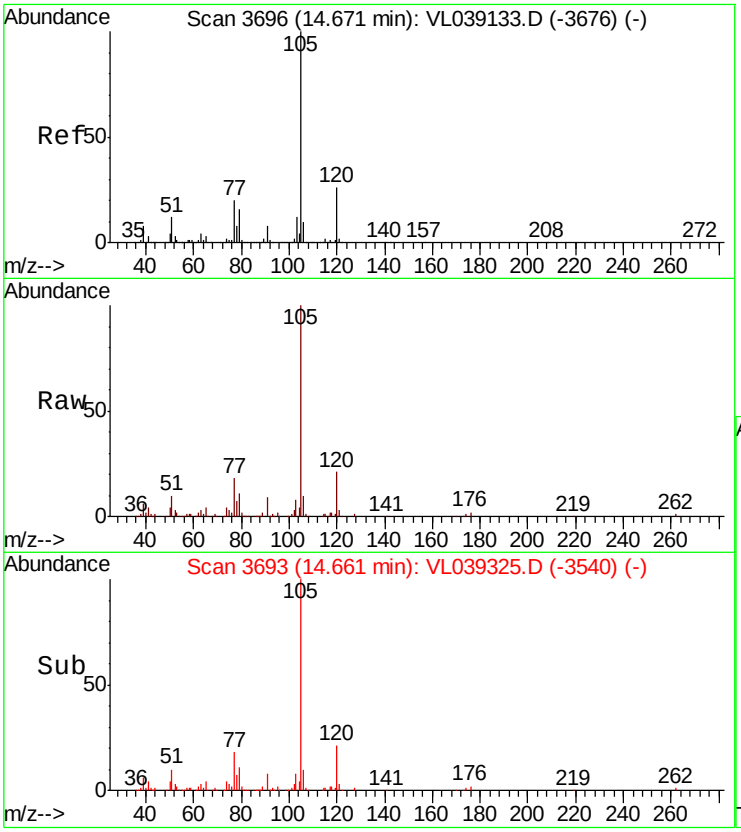


#61
Styrene
Concen: 0.148 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.02 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:104 Resp: 27853

Ion	Ratio	Lower	Upper
104	100		
78	134.1	45.7	68.5#
103	122.4	39.6	59.4#



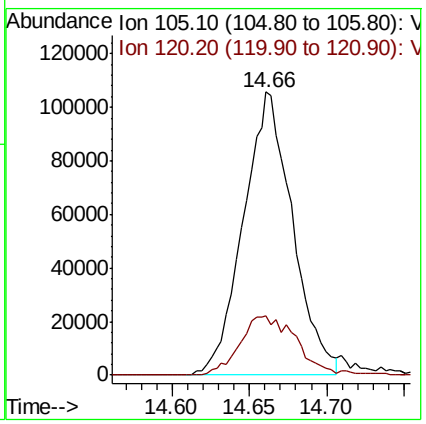


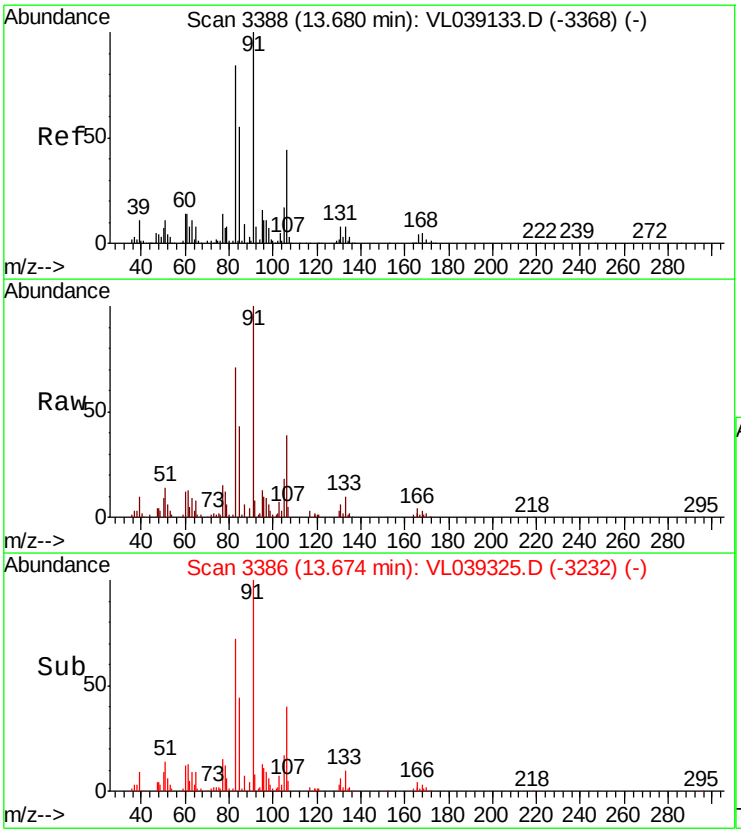
#62
Isopropylbenzene
Concen: 0.446 ppbv
RT: 14.66
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:105 Resp: 233406

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.3	30.5

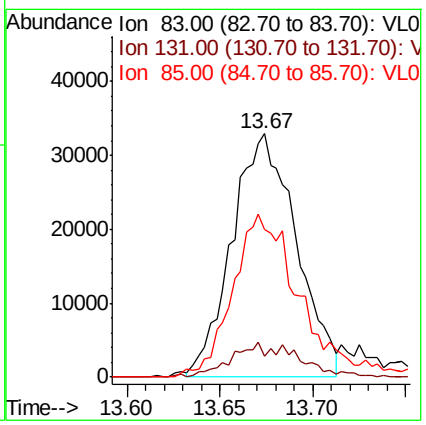


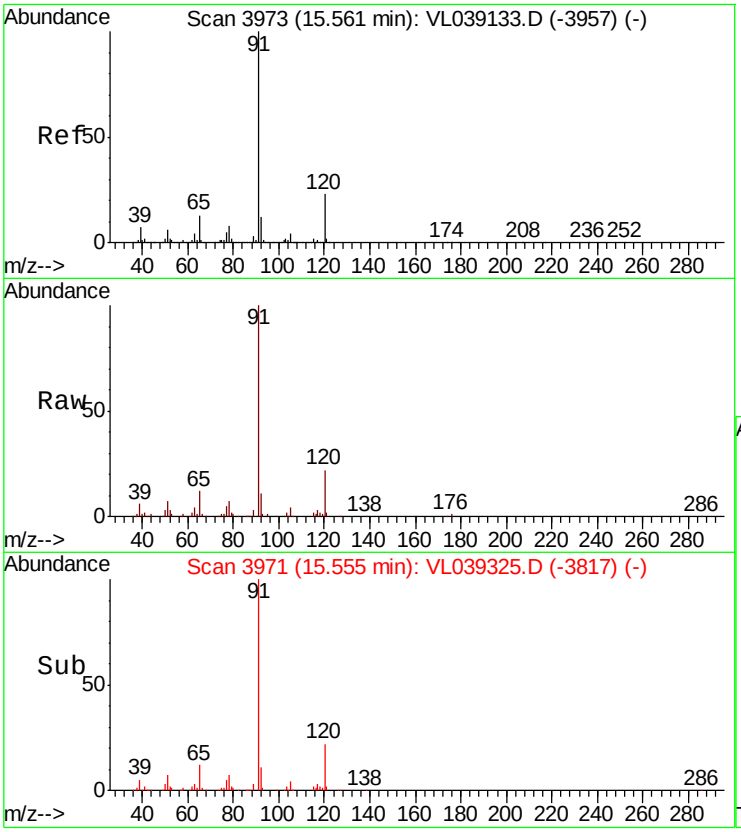


#63
1,1,2,2-Tetrachloroethane
Concen: 0.400 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 83 Resp: 79068

Ion	Ratio	Lower	Upper
83	100		
131	14.7	4.8	14.3#
85	70.6	33.0	99.0



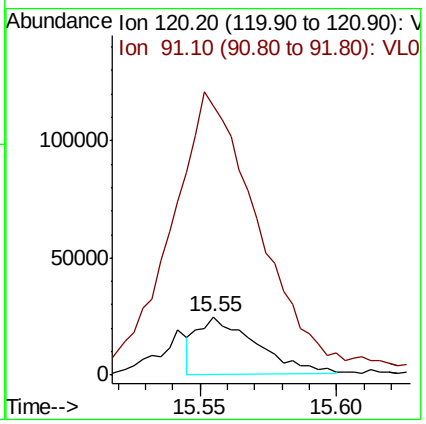


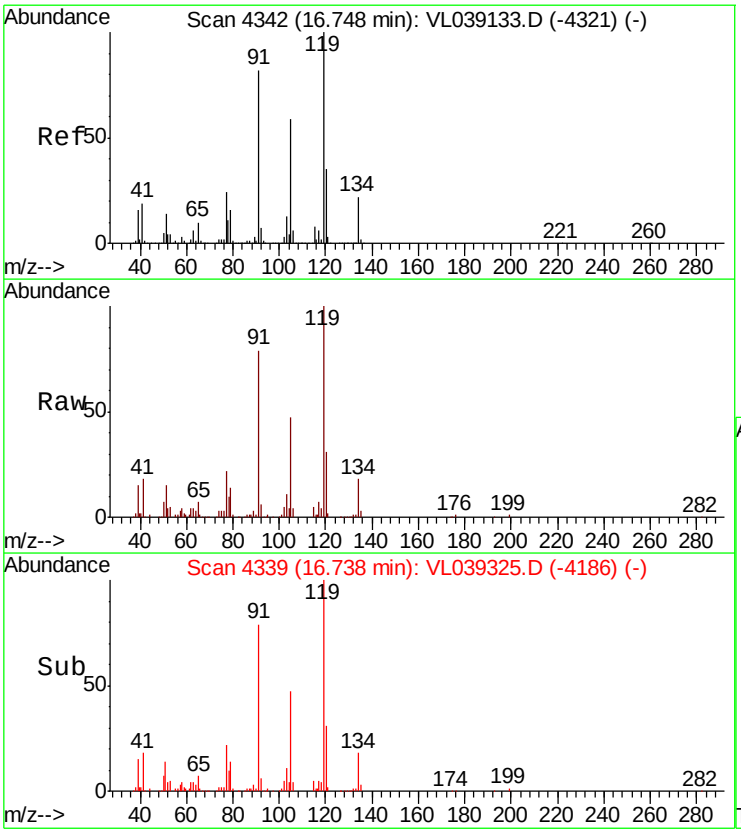
#64
n-propylbenzene
Concen: 0.286 ppbv
RT: 15.55
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:120 Resp: 36832

Ion	Ratio	Lower	Upper
120	100		
91	774.7	388.4	582.6#

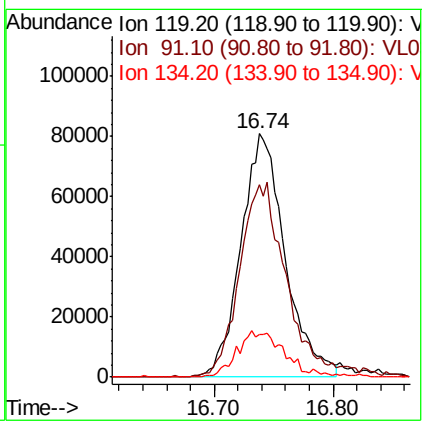


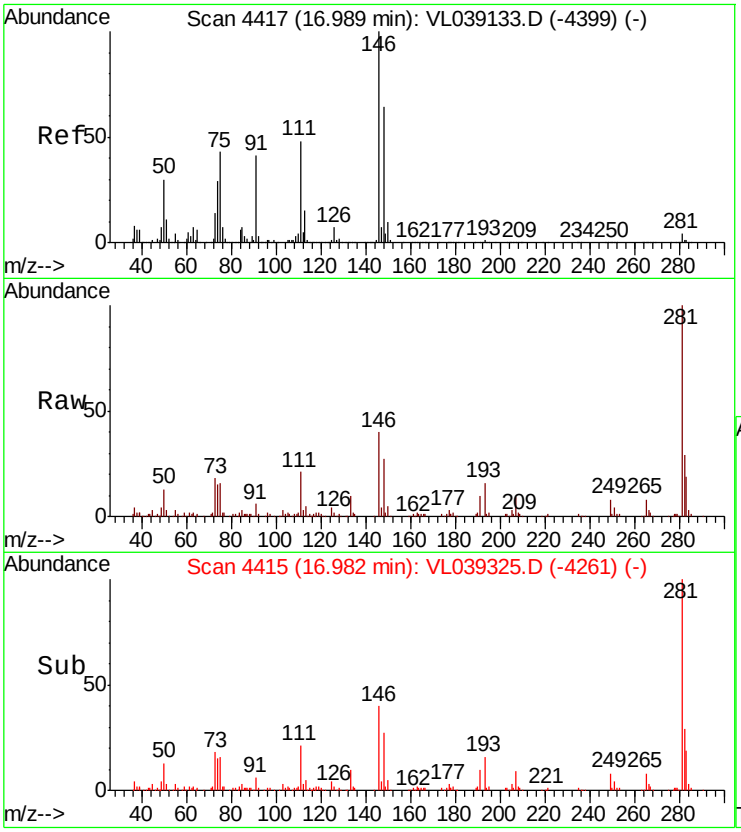


#65
tert-Butylbenzene
Concen: 0.435 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:119 Resp: 208151

Ion	Ratio	Lower	Upper
119	100		
91	86.9	67.1	100.7
134	20.7	15.8	23.8



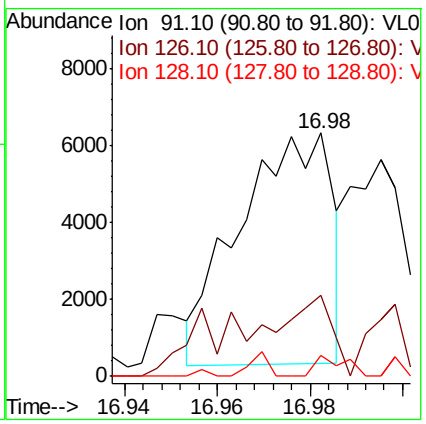


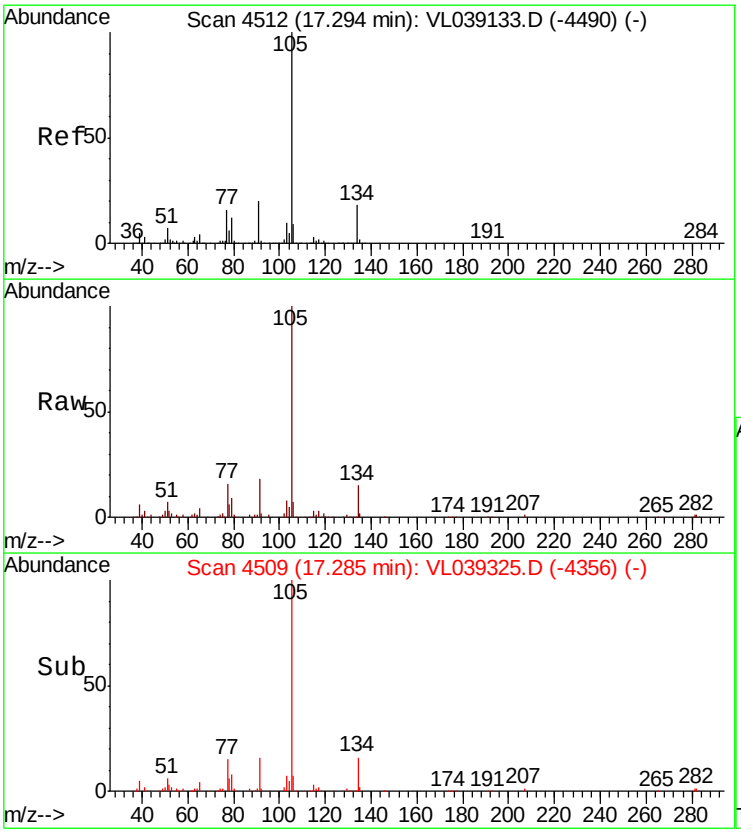
#66
Benzyl Chloride
Concen: 0.134 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 91 Resp: 8325

Ion	Ratio	Lower	Upper
91	100		
126	59.9	13.4	20.0#
128	2.4	4.1	6.1#

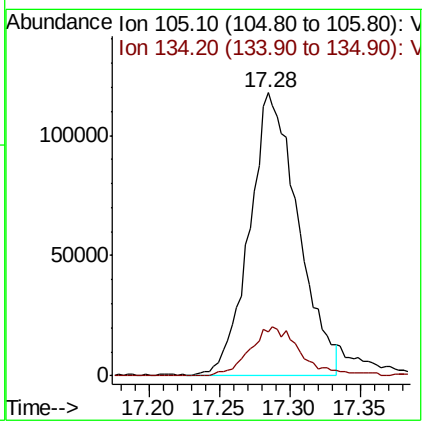


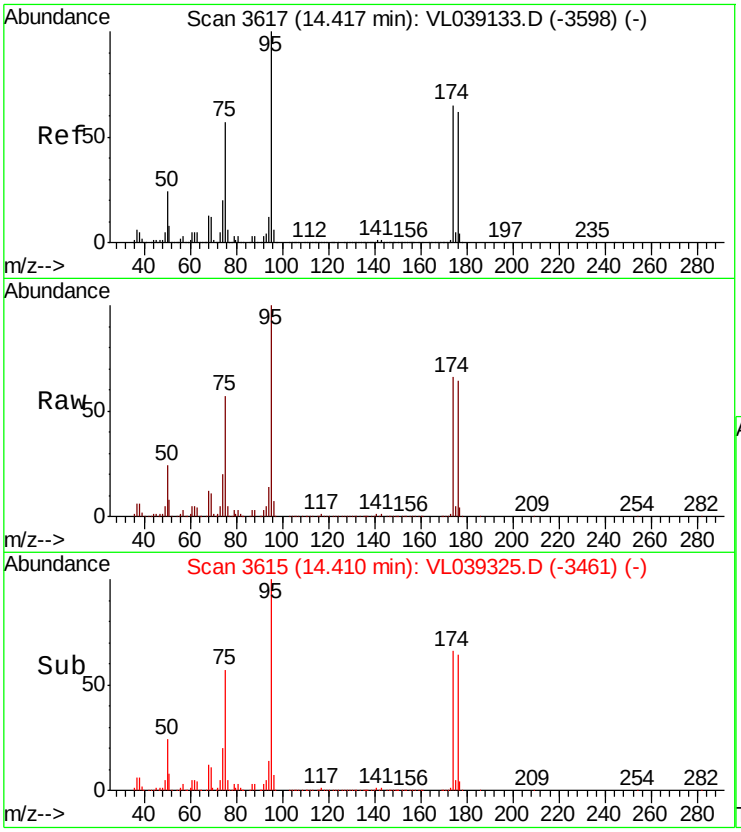


#67
sec-Butylbenzene
Concen: 0.433 ppbv
RT: 17.28 min Scan# 4509
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:105 Resp: 282224

Ion	Ratio	Lower	Upper
105	100		
134	18.6	14.4	21.6



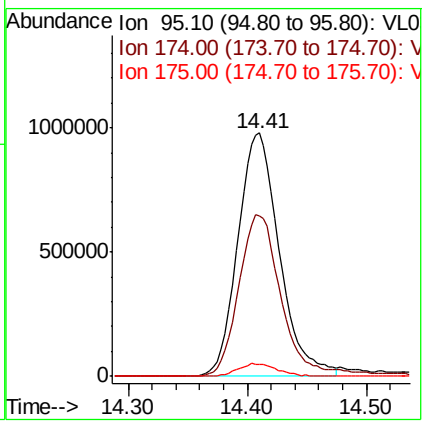


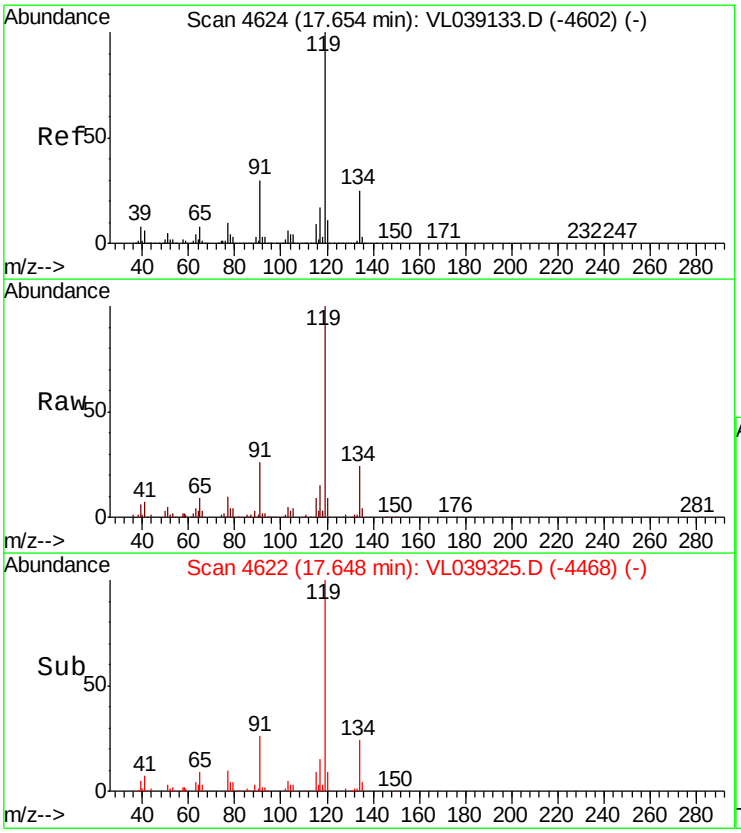
#68
1-Bromo-4-Fluorobenzene
Concen: 9.258 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 95 Resp: 2362962

Ion	Ratio	Lower	Upper
95	100		
174	70.3	53.8	80.8
175	5.2	4.1	6.1

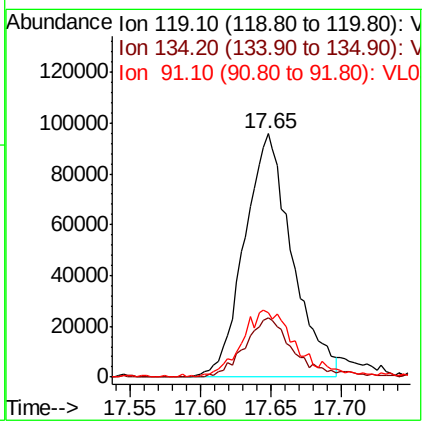


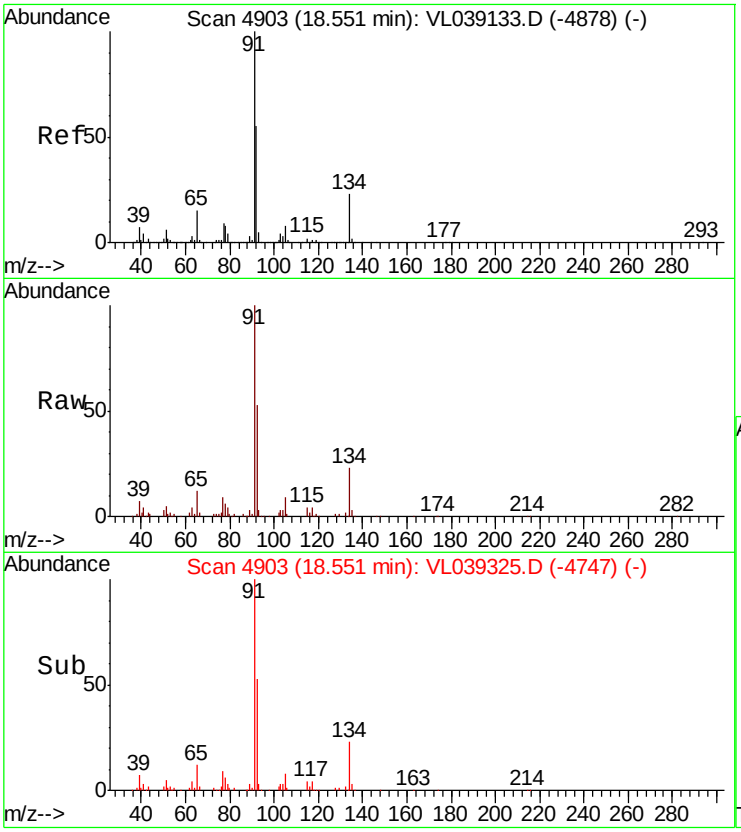


#69
p-Isopropyltoluene
Concen: 0.411 ppbv
RT: 17.65 min Scan# 4622
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:119 Resp: 226505

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.4	30.6
91	32.6	24.2	36.4



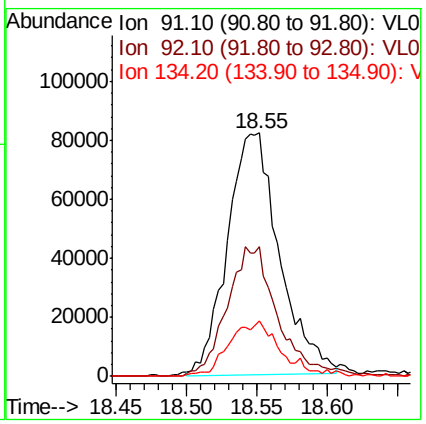


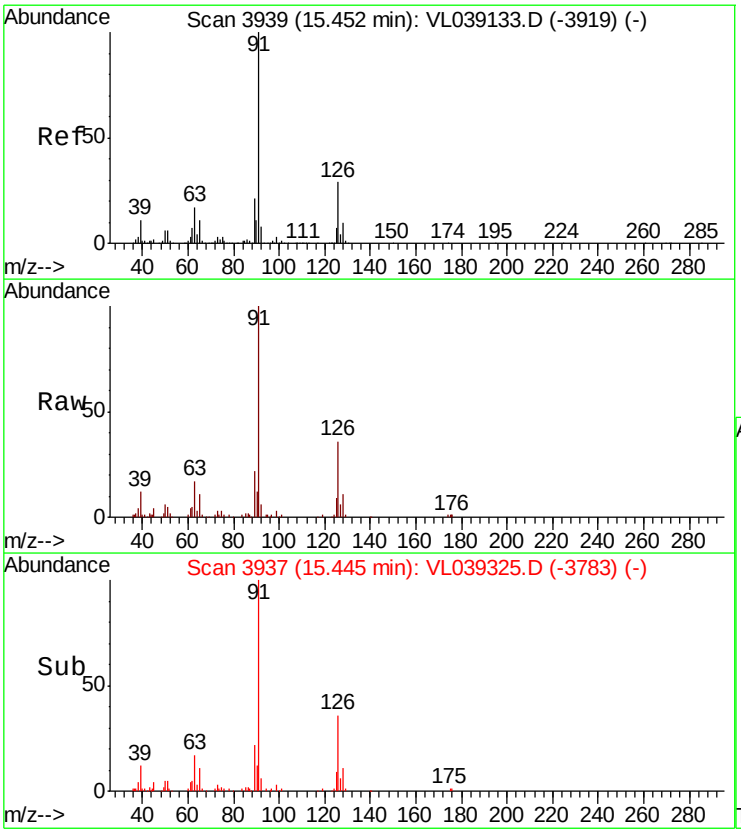
#70
n-Butylbenzene
Concen: 0.376 ppbv
RT: 18.55
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion: 91 Resp: 212661

Ion	Ratio	Lower	Upper
91	100		
92	52.3	43.6	65.4
134	22.8	17.7	26.5

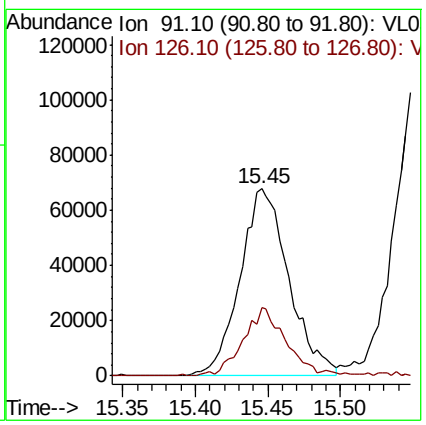


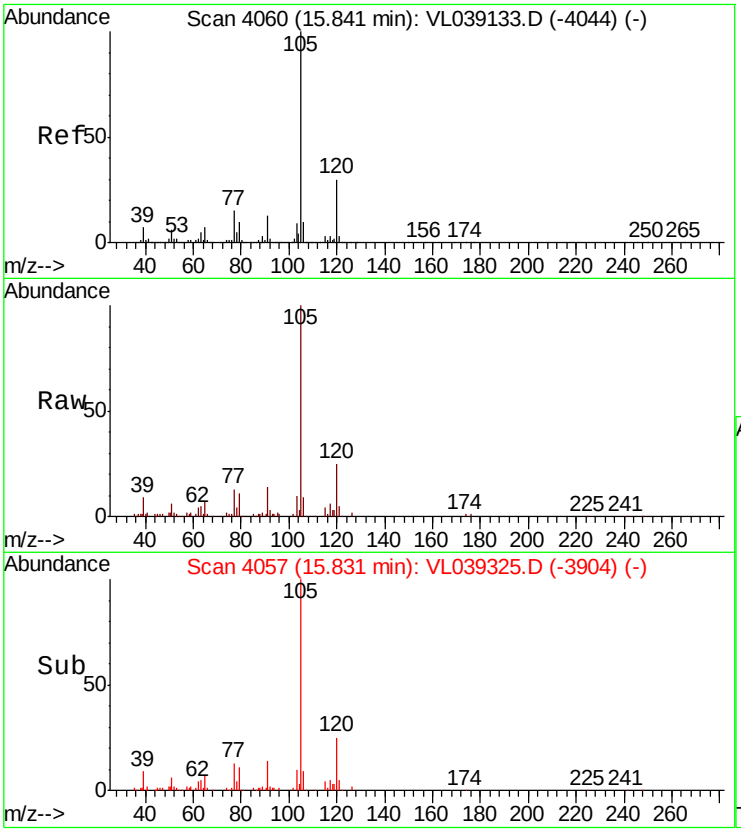


#71
2-Chlorotoluene
Concen: 0.399 ppbv
RT: 15.45 min Scan# 3937
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 91 Resp: 159008

Ion	Ratio	Lower	Upper
91	100		
126	32.4	12.2	48.6



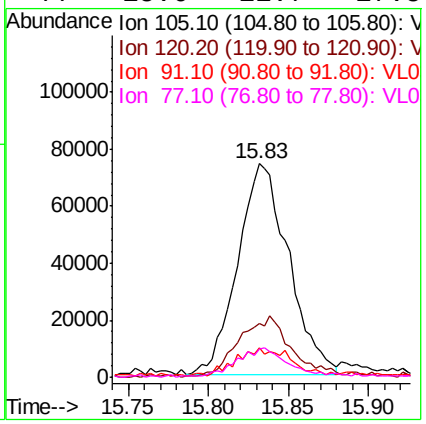


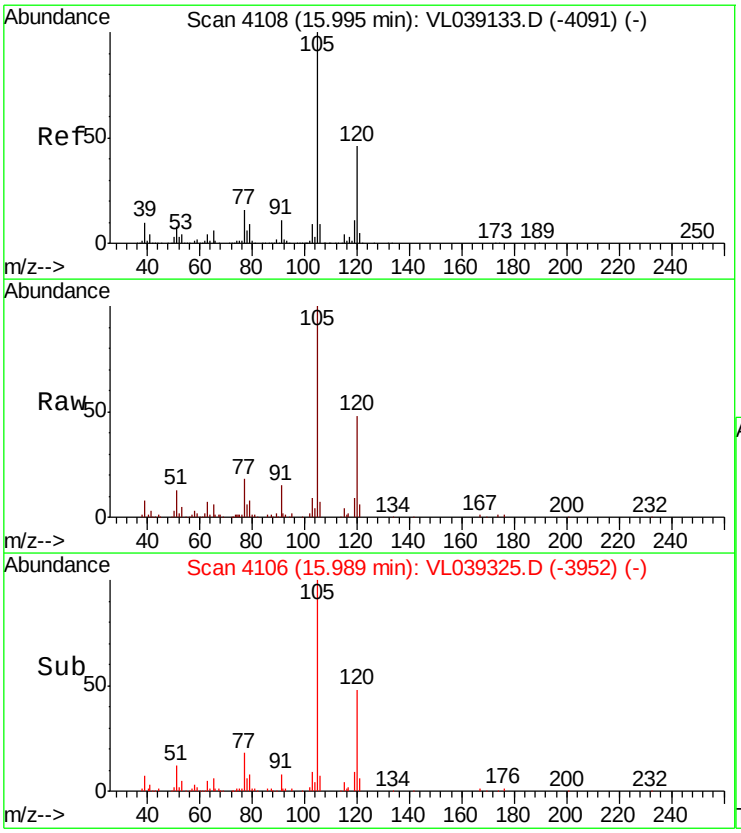
#72
4-Ethyltoluene
Concen: 0.390 ppbv
RT: 15.83
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:105 Resp: 160893

Ion	Ratio	Lower	Upper
105	100		
120	31.5	23.9	35.9
91	13.2	10.6	16.0
77	15.6	11.7	17.5

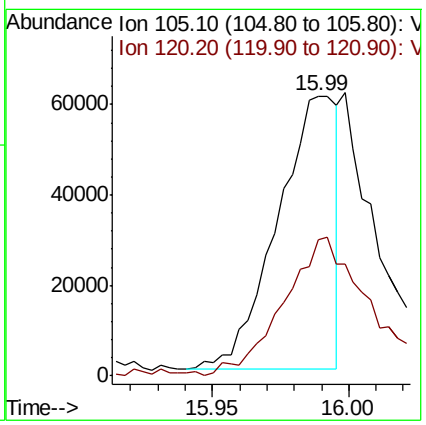


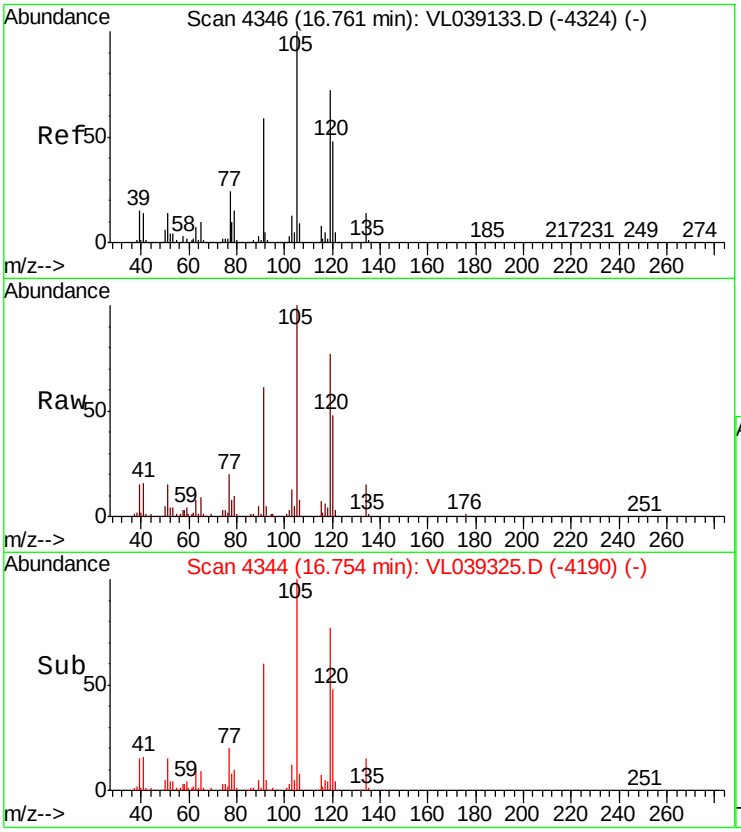


#73
1,3,5-Trimethylbenzene
Concen: 0.245 ppbv
RT: 15.99 min Scan# 4106
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:105 Resp: 91311

Ion	Ratio	Lower	Upper
105	100		
120	48.4	36.7	55.1



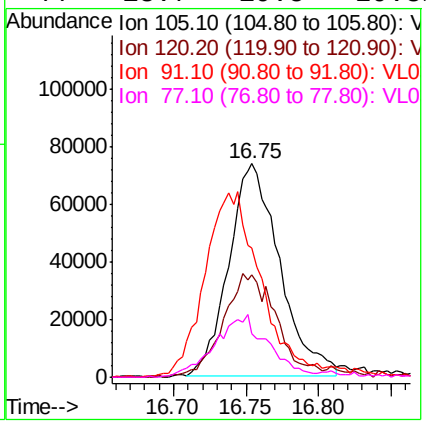


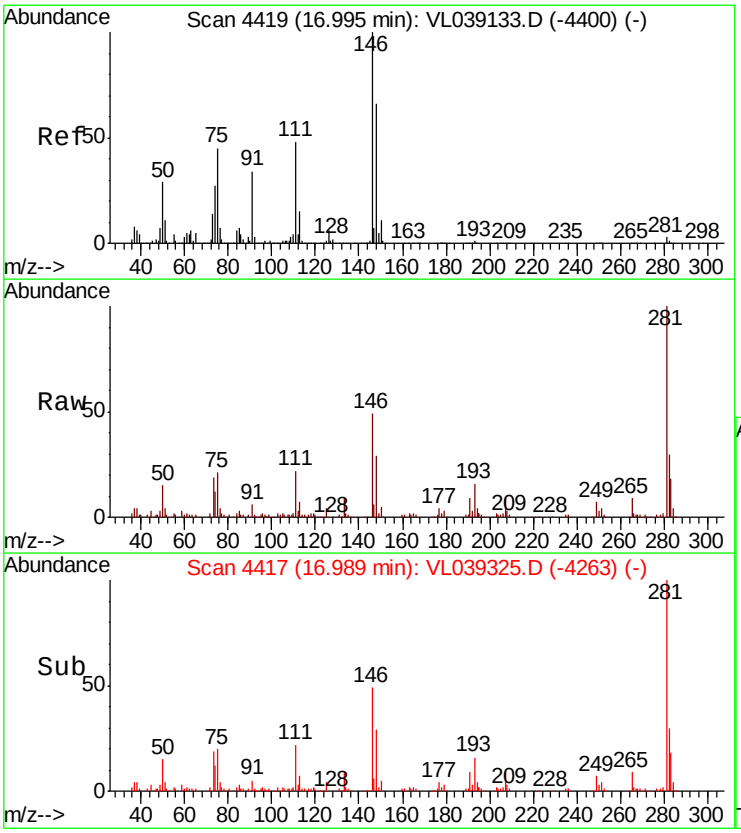
#74
1,2,4-Trimethylbenzene
Concen: 0.432 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:105 Resp: 179364

Ion	Ratio	Lower	Upper
105	100		
120	46.4	38.1	57.1
91	55.8	47.4	71.0
77	18.7	19.5	29.3#

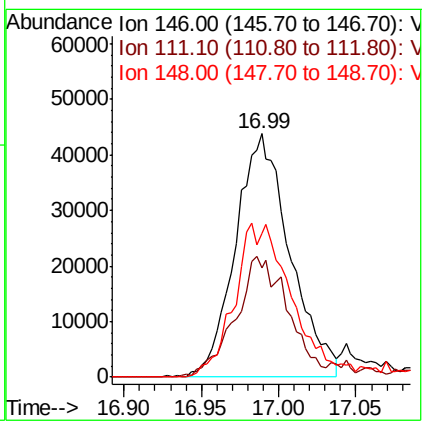


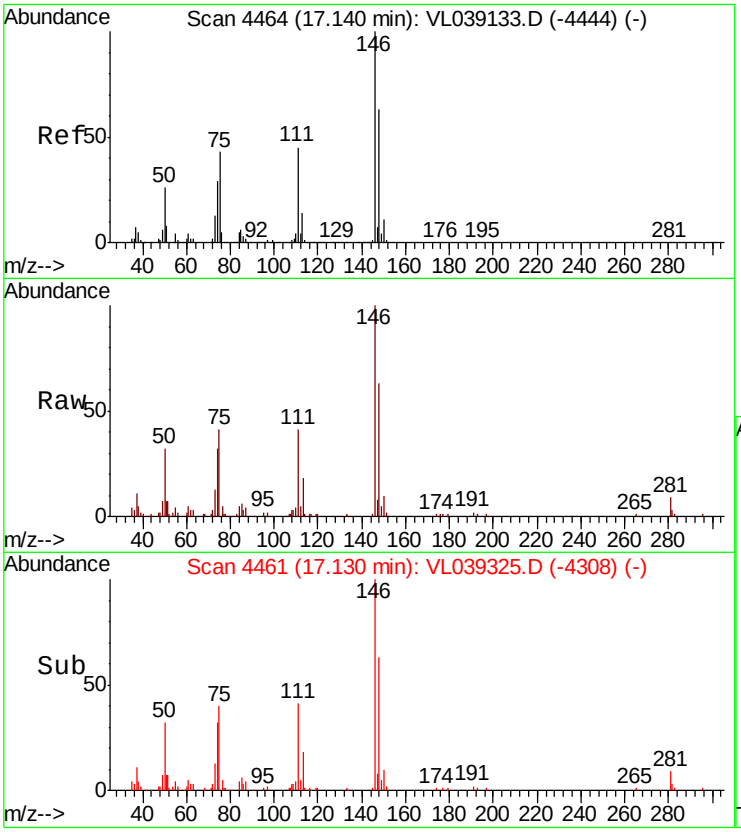


#75
1,3-Dichlorobenzene
Concen: 0.457 ppbv
RT: 16.99 min Scan# 4417
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:146 Resp: 107436

Ion	Ratio	Lower	Upper
146	100		
111	51.4	23.8	71.4
148	65.9	32.4	97.0



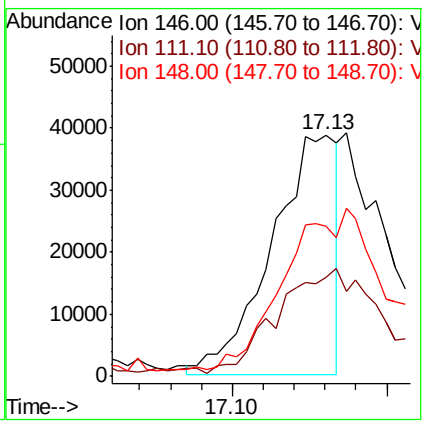


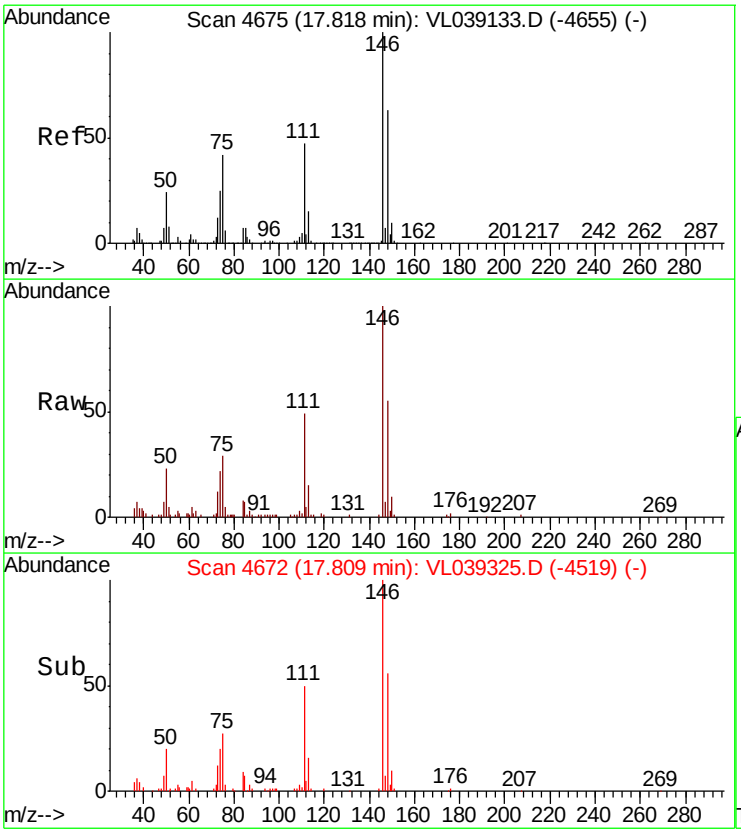
#76
1,4-Dichlorobenzene
Concen: 0.242 ppbv
RT: 17.13
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:146 Resp: 56690

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.6	71.0#
148	0.0	33.7	101.0#

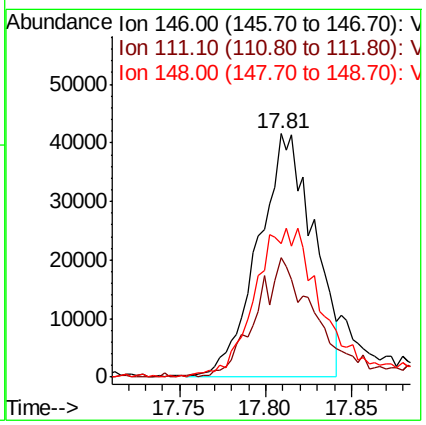


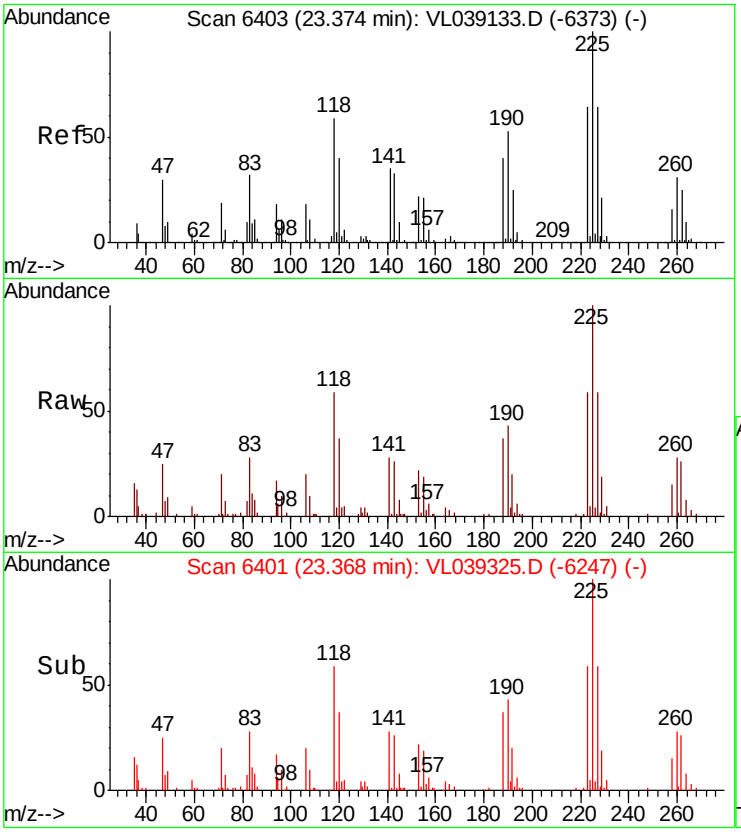


#77
1,2-Dichlorobenzene
Concen: 0.394 ppbv
RT: 17.81 min Scan# 4672
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:146 Resp: 93342

Ion	Ratio	Lower	Upper
146	100		
111	55.9	24.4	73.4
148	78.6	32.1	96.5



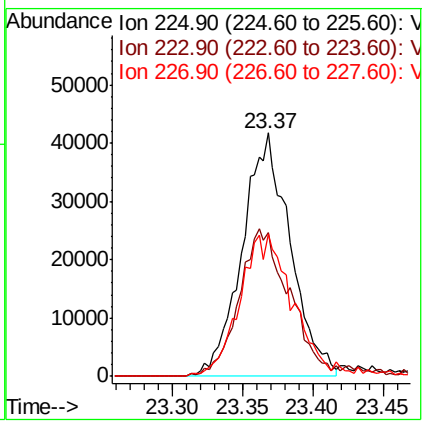


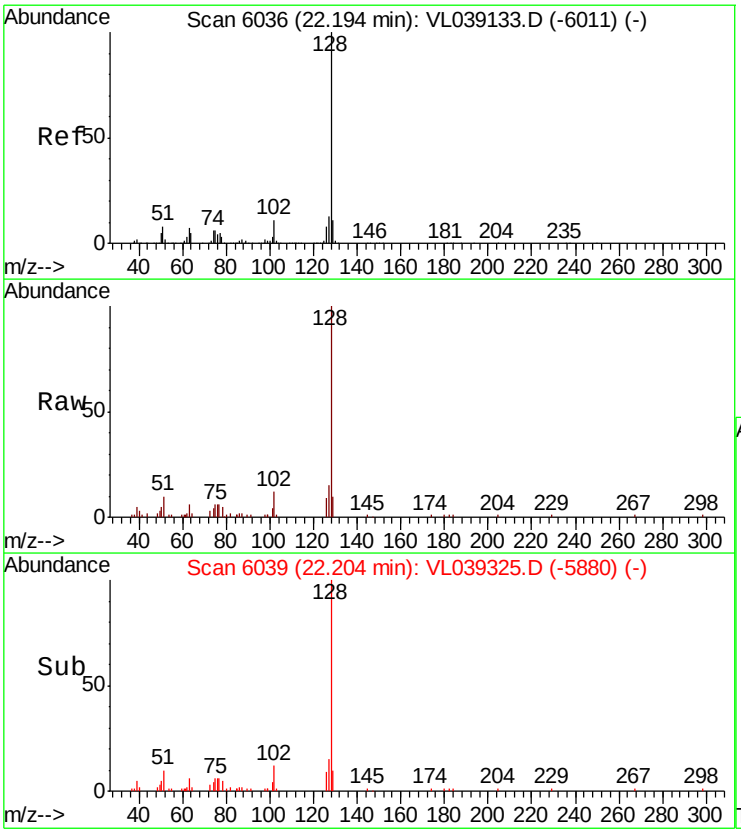
#78
Hexachloro-1,3-Butadiene
Concen: 0.459 ppbv
RT: 23.37
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:225 Resp: 99294

Ion	Ratio	Lower	Upper
225	100		
223	66.0	51.4	77.0
227	65.3	50.6	75.8

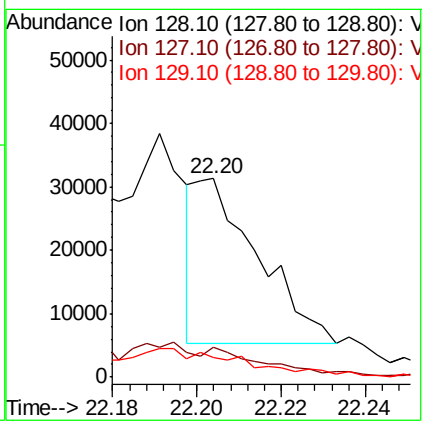


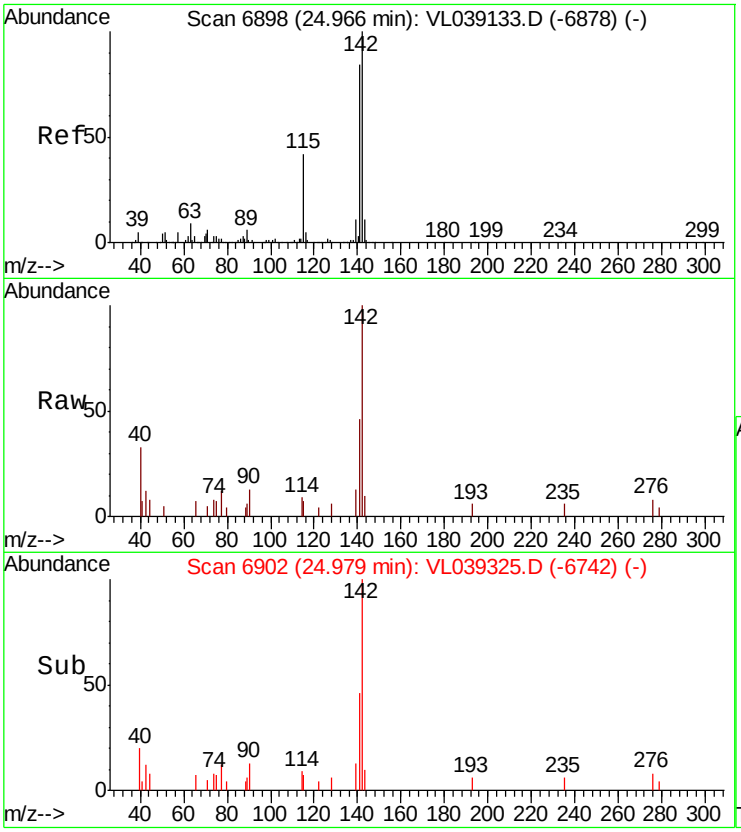


#79
Naphthalene
Concen: 0.083 ppbv
RT: 22.20 min Scan# 6039
Delta R.T. 0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:128 Resp: 26508

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	10.8	9.0	13.6



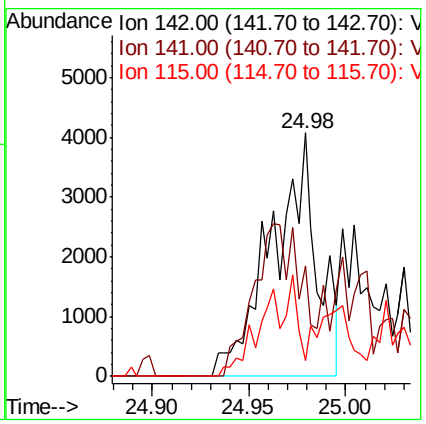


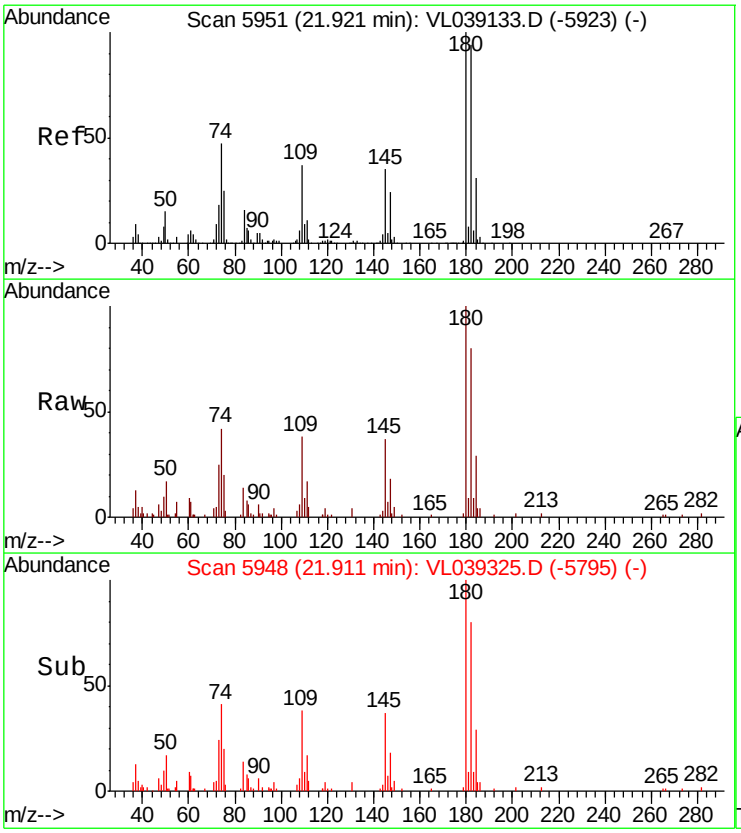
#80
Naphthalene,2-methyl-
Concen: 0.056 ppbv
RT: 24.98
Delta R.T
Lab File:
Acq: 22 Jun 2022 18:18

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

Tgt Ion:142 Resp: 6662

Ion	Ratio	Lower	Upper
142	100		
141	65.4	64.6	96.8
115	34.2	32.7	49.1





#81
1,2,4-Trichlorobenzene
Concen: 0.143 ppbv
RT: 21.91 min Scan# 5948
Delta R.T. -0.01 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:180 Resp: 29023

Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	0.0	0.0	0.0