Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070522\
Data File : VL039435.D
Acq On : 6 Jul 2022 1:45
Operator : SY/AP
Sample : N3214-15 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2022

Quant Time: Jul 06 02:38:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1075660	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	3130378	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.10	117	2778266	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2123088	10.30	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	118939	0.767	ppbv		92
3) Chlorodifluoromethane	3.00	51	77822	0.570	ppbv		97
4) Chloromethane	3.15	50	36009	0.482	ppbv		99
5) Vinyl Chloride	3.27	62	21465	0.292	ppbv		98
6) Bromomethane	3.48	94	9386	0.303	ppbv	#	75
7) Chloroethane	3.57	64	14224	0.543	ppbv	#	85
8) Dichlorotetrafluoroethane	3.20	85	92540	0.546	ppbv		95
9) Propene	3.02	41	33346	0.541	ppbv		98
10) Heptane	8.14	43	40100	0.278	ppbv	#	43
11) Trichlorofluoromethane	3.96	101	100964	0.584	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	70027	0.543	ppbv		93
13) Ethanol	3.62	45	1164	0.326	ppbv	#	23
14) Bromoethene	3.75	108	28535	0.527	ppbv	#	96
15) Acetone	3.87	43	36346	0.286	ppbv	#	7
16) 1,3-Butadiene	3.34	39	36748	0.557	ppbv		97
17) tert-Butyl alcohol	4.31	59	52636	0.487	ppbv		97
18) 1,1-Dichloroethene	4.30	96	27672	0.474	ppbv		96
19) Isopropyl Alcohol	3.99	45	25660	0.378	ppbv	#	83
20) Methylene Chloride	4.36	84	33992	0.670	ppbv	#	86
21) Allyl Chloride	4.42	41	43767	0.497	ppbv		94
22) trans-1,2-Dichloroethene	4.90	96	13295	0.235	ppbv		95
23) Vinyl Acetate	5.09	43	34339	0.404	ppbv	#	94
24) 1,1-Dichloroethane	5.02	63	36929	0.307	ppbv	#	93
25) Ethyl Acetate	5.70	43	129854	0.498	ppbv		98
26) Hexane	5.70	57	53912	0.513	ppbv	#	87
27) Carbon Disulfide	4.56	76	55206	0.435	ppbv	#	93
28) Methyl tert-Butyl Ether	5.06	73	66341	0.590	ppbv		100
29) Chloroform	5.76	83	92916	0.508	ppbv		95
30) Cyclohexane	7.15	84	31130	0.325	ppbv	#	10
31) cis-1,2-Dichloroethene	5.56	61	24397	0.219	ppbv		93
32) 1,1,1-Trichloroethane	6.52	97	89886	0.498	ppbv		96
34) 2-Butanone	5.27	43	66704	0.423	ppbv		91
35) Carbon Tetrachloride	7.03	117	88704	0.459	ppbv		92
36) Benzene	6.90	78	107002	0.442	ppbv	#	93
37) 1,2-Dichloroethane	6.31	62	32334	0.226	ppbv	#	70
38) Trichloroethene	7.85	130	58439	0.446	ppbv		85
39) 1,2-Dichloropropane	7.63	63	17283	0.191	ppbv	#	70
41) Tetrahydrofuran	6.08	42	14033	0.154	ppbv	#	9
42) Bromodichloromethane	7.81	83	82089	0.426	ppbv		98
43) Methyl Methacrylate	8.02	69	13620	0.148	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.89	57	189176	0.461	ppbv		93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070522\
Data File : VL039435.D
Acq On : 6 Jul 2022 1:45
Operator : SY/AP
Sample : N3214-15 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2022

Quant Time: Jul 06 02:38:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
45) t-1,3-Dichloropropene	9.29	75	12485	0.152 ppbv		92
46) cis-1,3-Dichloropropene	8.71	75	35572	0.315 ppbv		90
47) 1,1,2-Trichloroethane	9.49	97	25393	0.250 ppbv		97
48) Dibromochloromethane	10.32	129	60981	0.378 ppbv		97
49) Bromoform	13.06	173	47197	0.362 ppbv		99
50) 4-Methyl-2-Pentanone	8.77	43	89528	0.376 ppbv		93
51) 2-Hexanone	10.16	43	53920	0.299 ppbv	#	89
52) Tetrachloroethene	11.25	164	17293	0.177 ppbv	#	79
53) Toluene	9.82	91	76687	0.274 ppbv	#	67
54) 1,2-Dibromoethane	10.62	107	53492	0.423 ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.13	131	39415	0.321 ppbv	#	9
57) Chlorobenzene	12.16	112	113993	0.529 ppbv		96
58) Ethyl Benzene	12.73	91	151583	0.423 ppbv		98
59) m/p-Xylene	13.00	91	91759	0.290 ppbv	#	32
60) o-Xylene	13.70	91	136133	0.455 ppbv		100
61) Styrene	13.54	104	43151	0.266 ppbv	#	71
62) Isopropylbenzene	14.68	105	224378	0.492 ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.69	83	52998	0.338 ppbv	#	60
64) n-propylbenzene	15.57	120	50098	0.433 ppbv		66
65) tert-Butylbenzene	16.75	119	187284	0.444 ppbv		89
66) Benzyl Chloride	17.01	91	5052	0.126 ppbv	#	67
67) sec-Butylbenzene	17.31	105	268621	0.473 ppbv		99
69) p-Isopropyltoluene	17.67	119	98162	0.204 ppbv	#	43
70) n-Butylbenzene	18.56	91	196170	0.420 ppbv		97
72) 4-Ethyltoluene	15.85	105	145676	0.414 ppbv	#	94
73) 1,3,5-Trimethylbenzene	16.01	105	137974	0.427 ppbv		89
74) 1,2,4-Trimethylbenzene	16.77	105	163177	0.456 ppbv	#	90
75) 1,3-Dichlorobenzene	17.01	146	49381	0.231 ppbv	#	7
76) 1,4-Dichlorobenzene	17.15	146	77084	0.364 ppbv		77
77) 1,2-Dichlorobenzene	17.83	146	90716	0.429 ppbv		88
78) Hexachloro-1,3-Butadiene	23.39	225	27236	0.160 ppbv	#	18
79) Naphthalene	22.22	128	46528	0.189 ppbv	#	93
81) 1,2,4-Trichlorobenzene	21.94	180	35303	0.220 ppbv	#	28

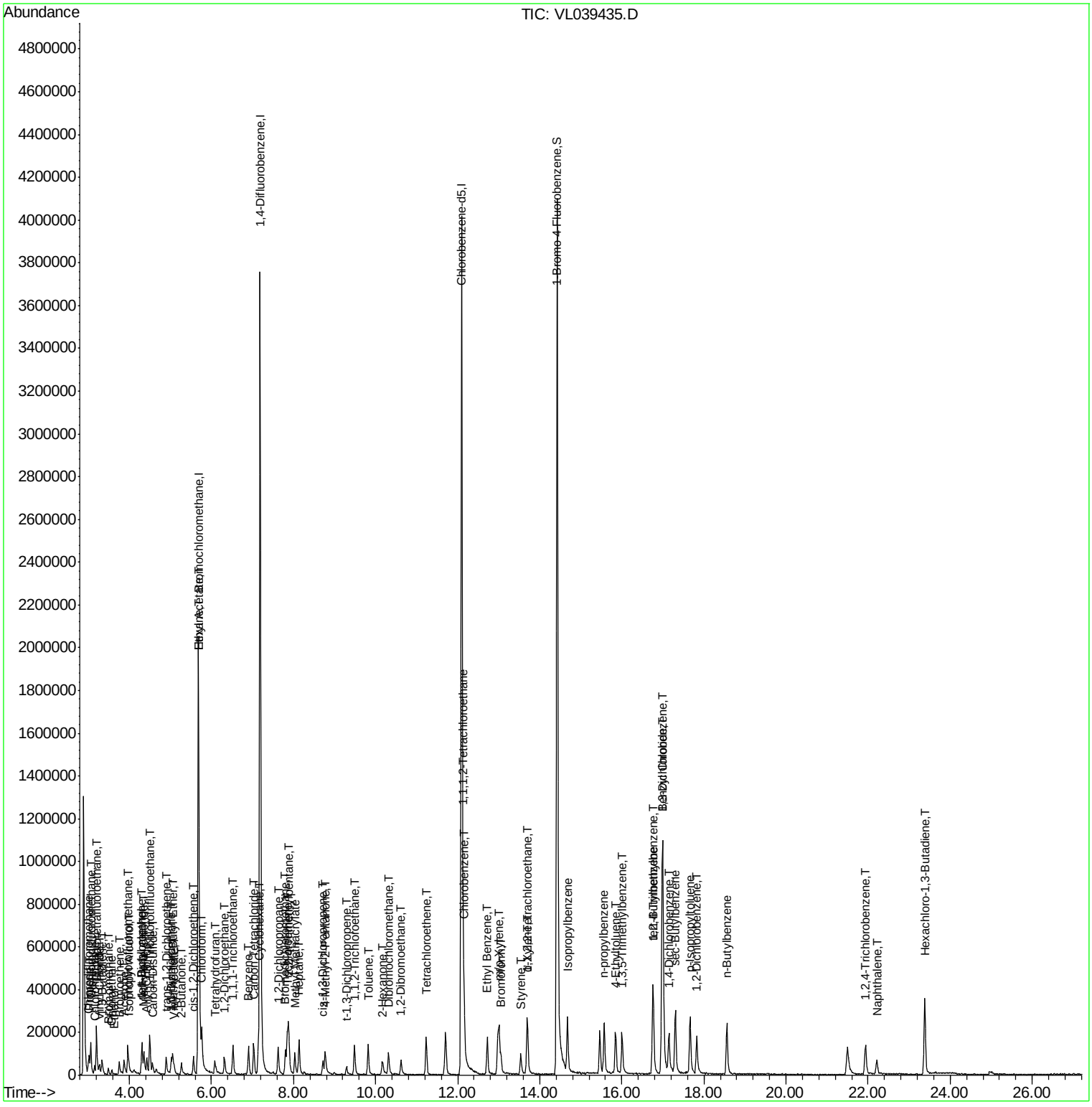
(#) = qualifier out of range (m) = manual integration (+) = signals summed

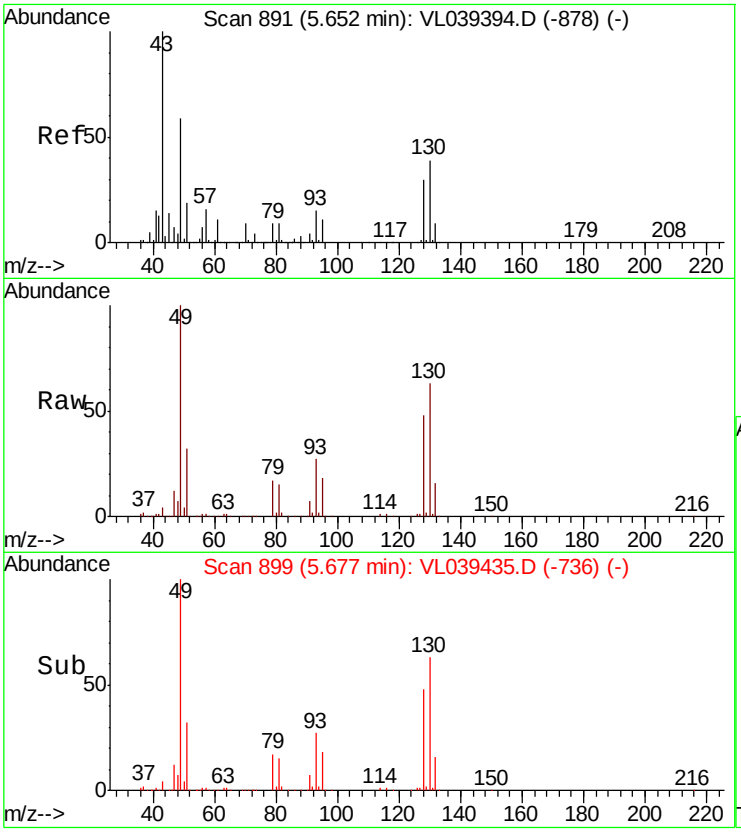
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070522\
Data File : VL039435.D
Acq On : 6 Jul 2022 1:45
Operator : SY/AP
Sample : N3214-15 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Quant Time: Jul 06 02:38:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration



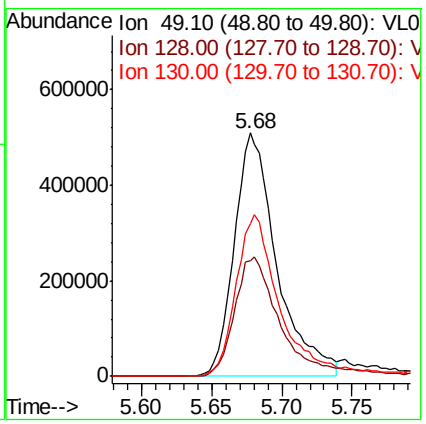


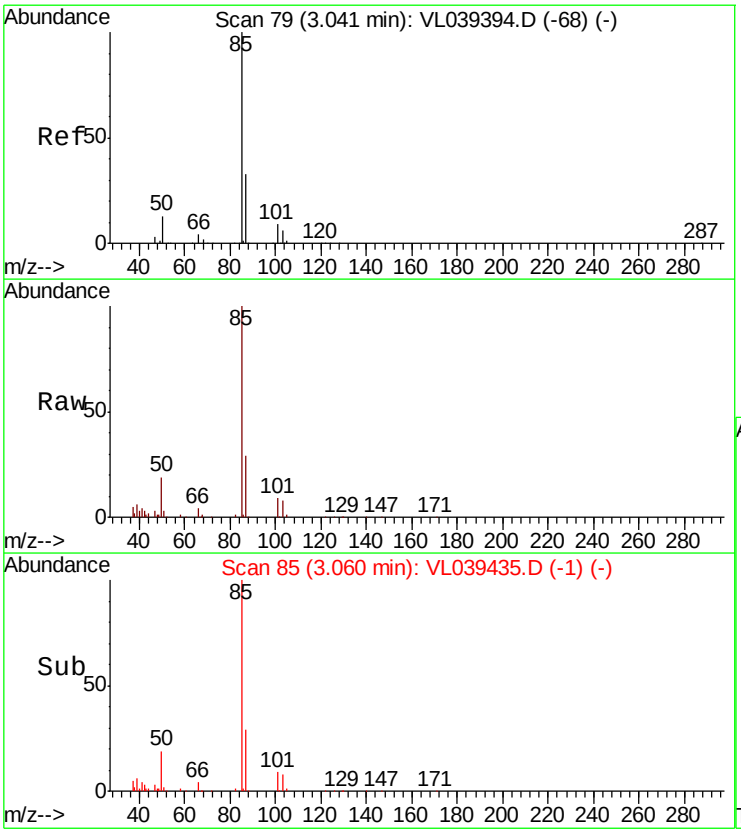
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 49 Resp: 1075660

Ion	Ratio	Lower	Upper
49	100		
128	54.8	26.7	80.0
130	71.2	34.3	102.8

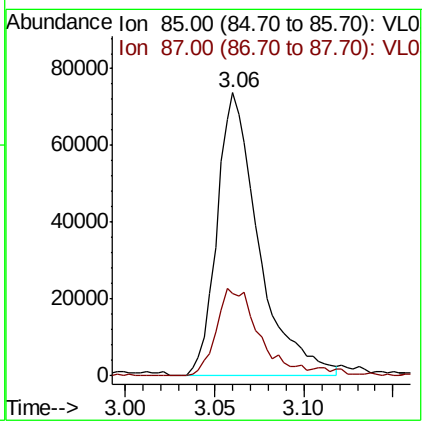


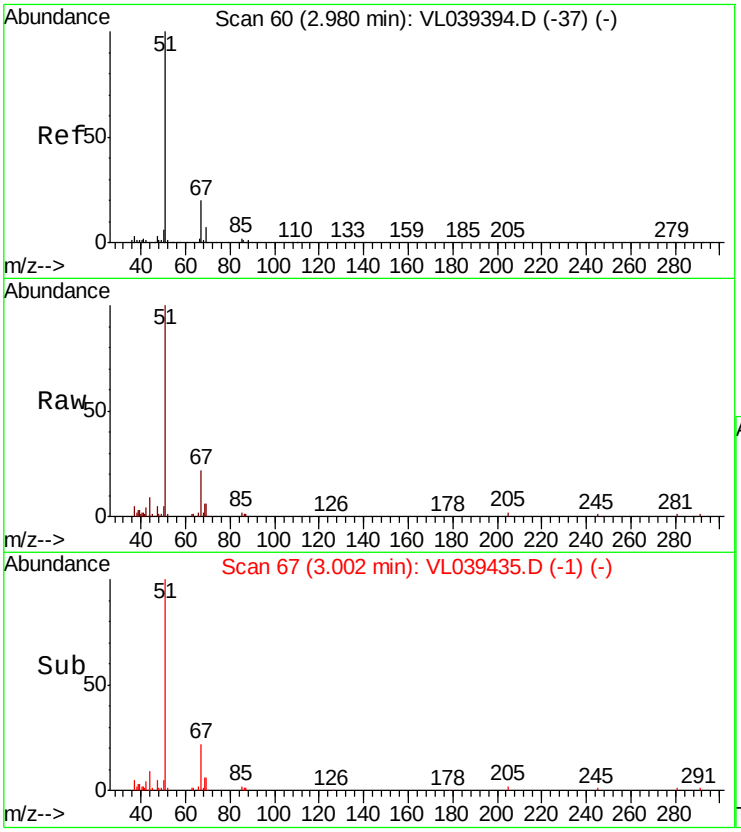


#2
Dichlorodifluoromethane
Concen: 0.767 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 85 Resp: 118939

Ion	Ratio	Lower	Upper
85	100		
87	29.0	26.7	40.1



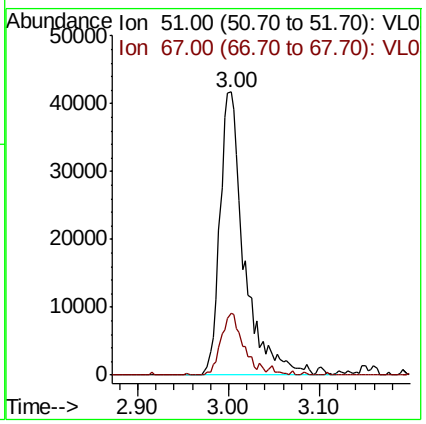


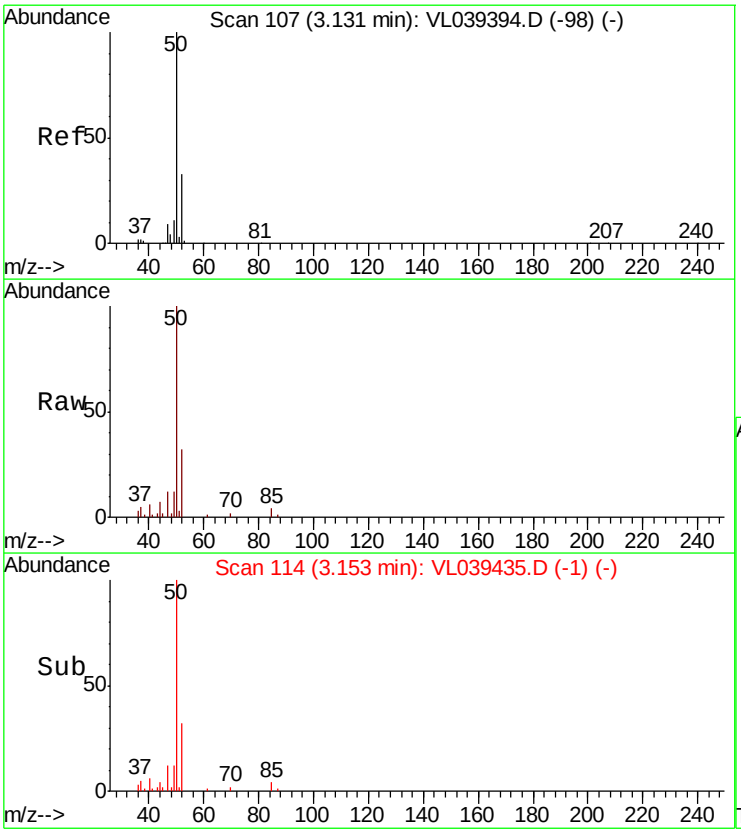
#3
Chlorodifluoromethane
Concen: 0.570 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 51 Resp: 77822

Ion	Ratio	Lower	Upper
51	100		
67	21.2	15.7	23.5

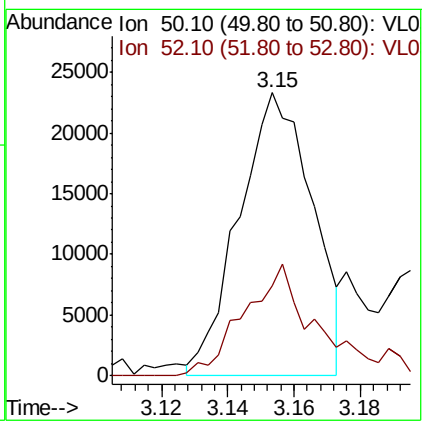


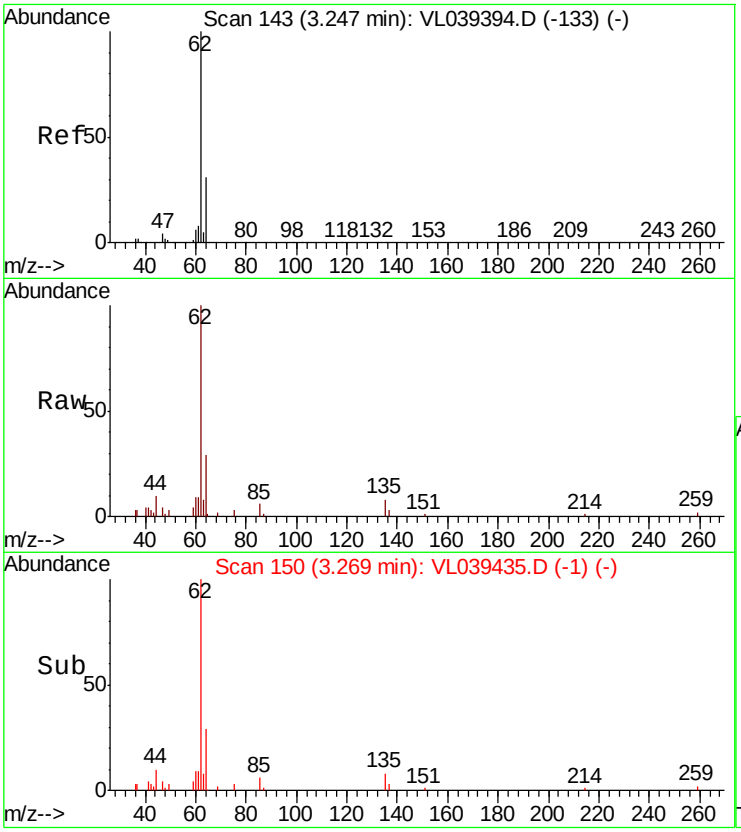


#4
Chloromethane
Concen: 0.482 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.02 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 50 Resp: 36009

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.5	39.7



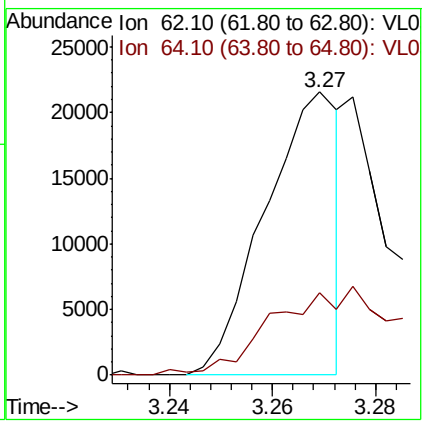


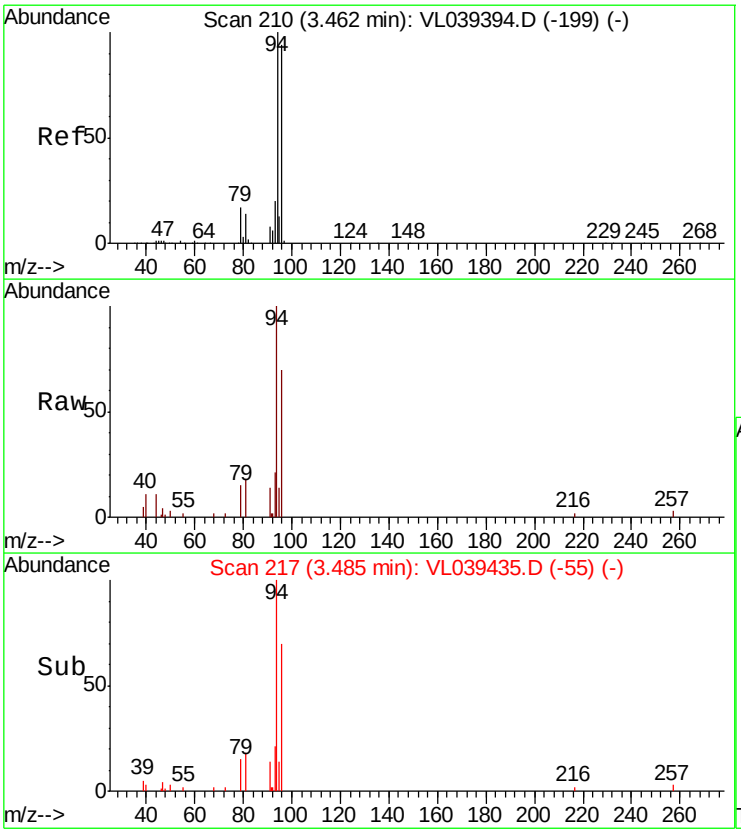
#5
Vinyl Chloride
Concen: 0.292 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 62 Resp: 21465

Ion	Ratio	Lower	Upper
62	100		
64	29.5	24.6	36.8

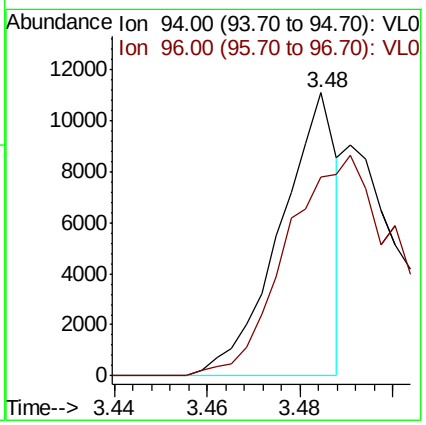


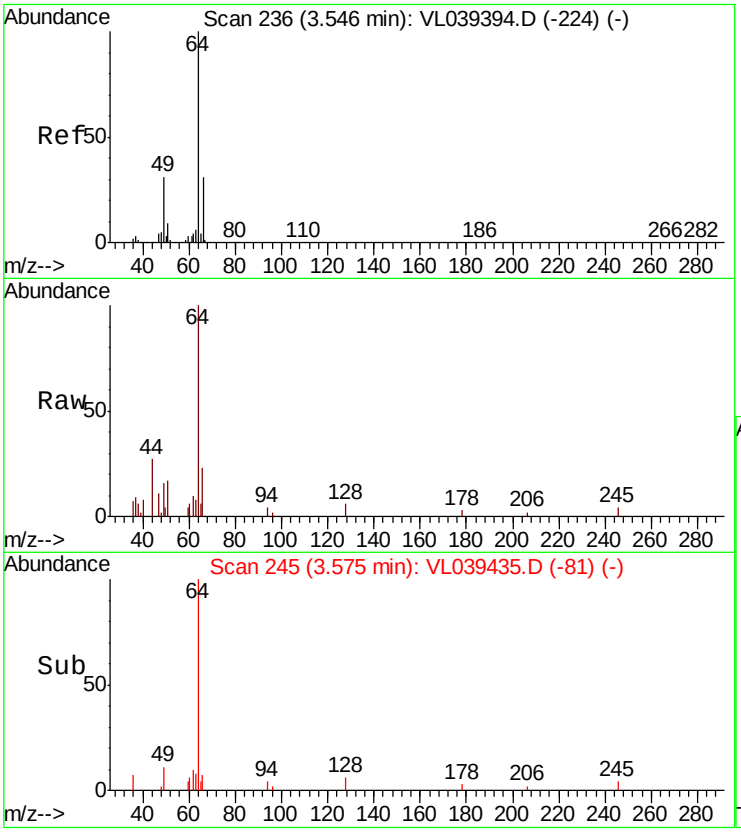


#6
Bromomethane
Concen: 0.303 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.02 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 94 Resp: 9386

Ion	Ratio	Lower	Upper
94	100		
96	70.4	75.6	113.4#



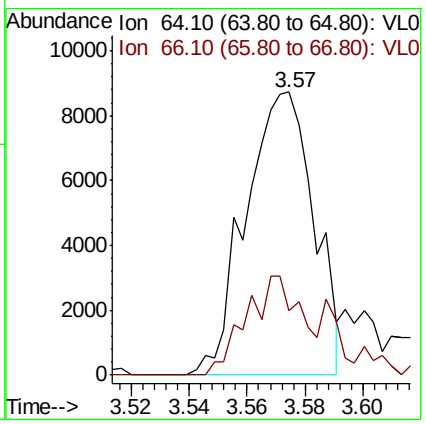


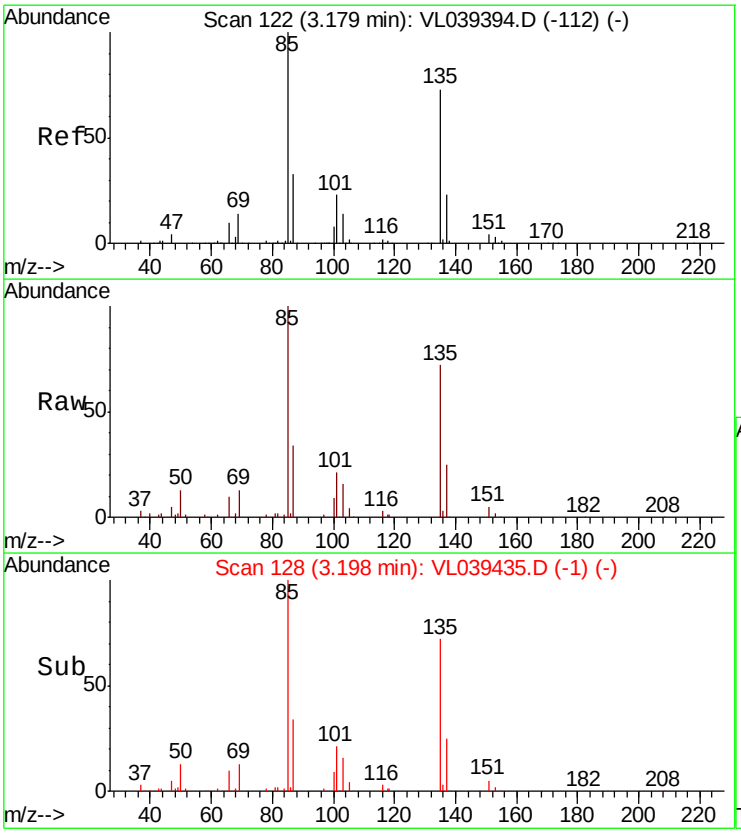
#7
Chloroethane
Concen: 0.543 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 64 Resp: 14224

Ion	Ratio	Lower	Upper
64	100		
66	22.8	24.7	37.1#

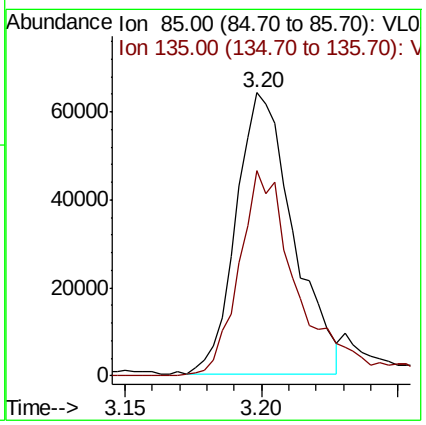


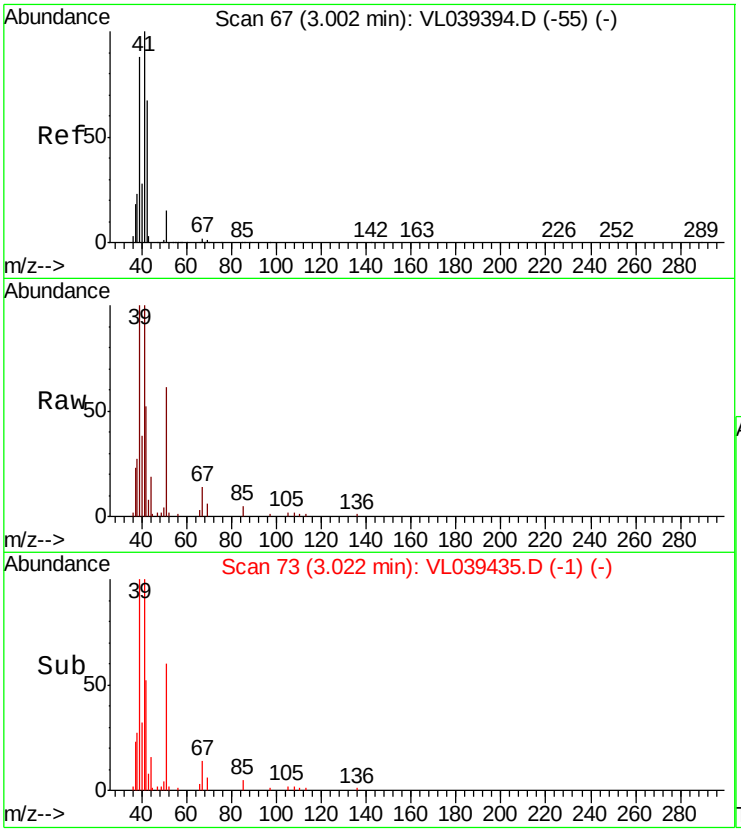


#8
Dichlorotetrafluoroethane
Concen: 0.546 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.02 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 85 Resp: 92540

Ion	Ratio	Lower	Upper
85	100		
135	78.2	59.0	88.4



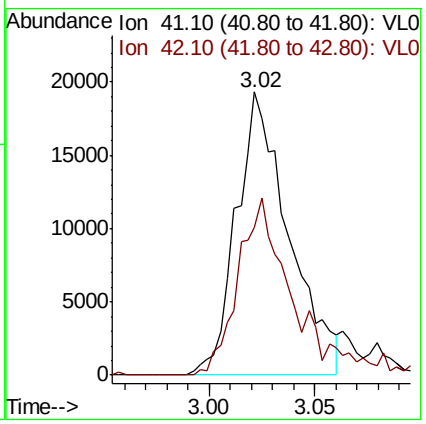


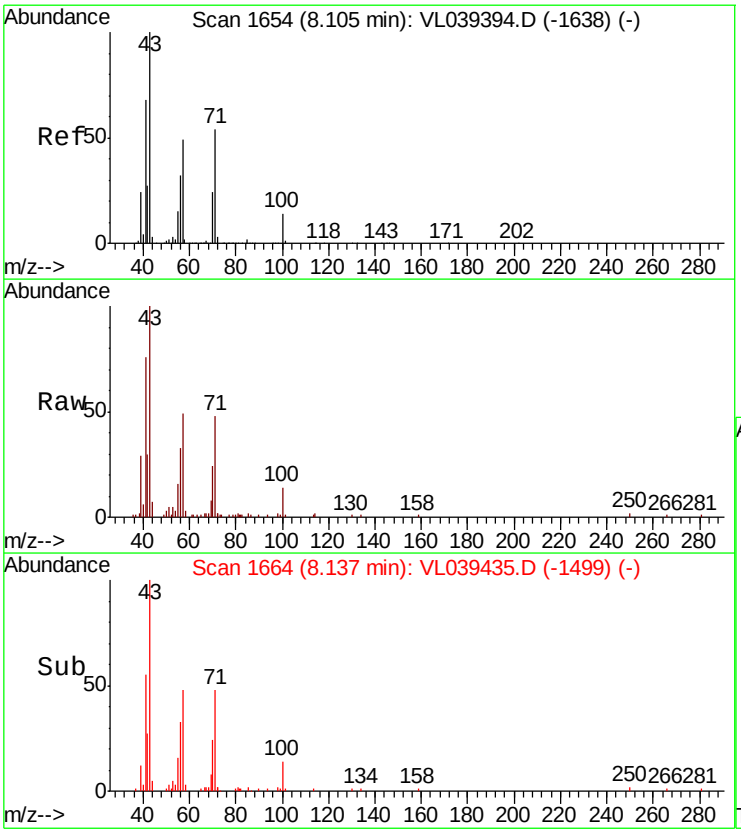
#9
Propene
Concen: 0.541 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 41 Resp: 33346

Ion	Ratio	Lower	Upper
41	100		
42	67.1	55.2	82.8

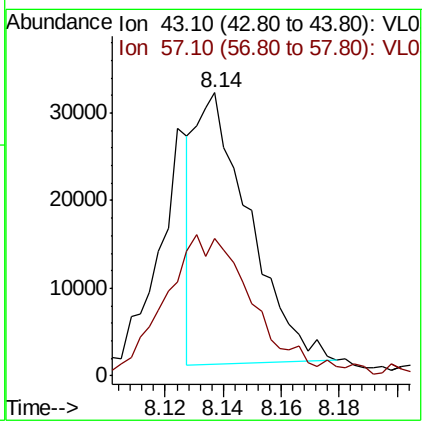


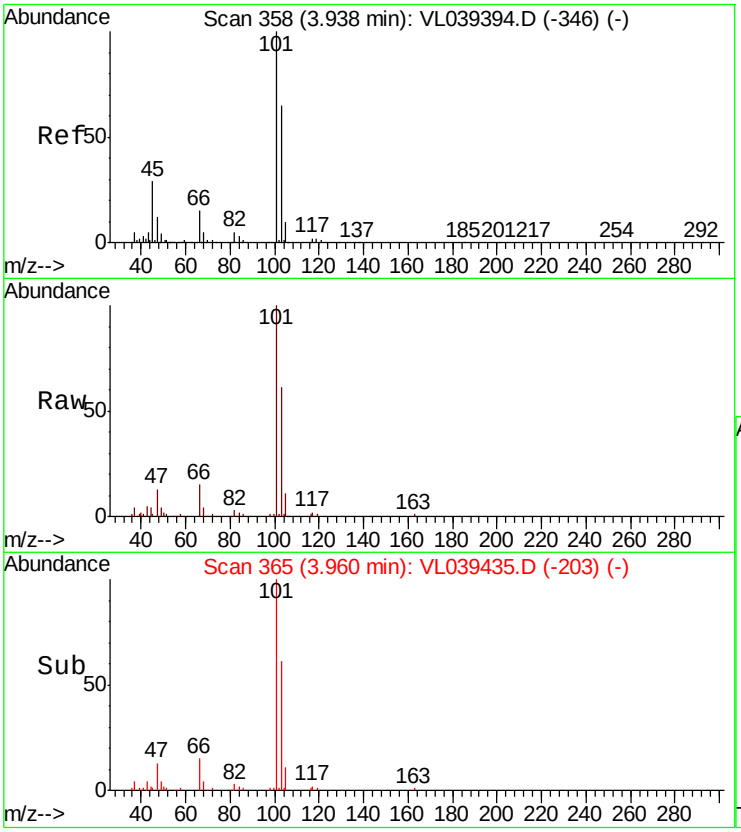


#10
Heptane
Concen: 0.278 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 43 Resp: 40100

Ion	Ratio	Lower	Upper
43	100		
57	90.0	40.5	60.7#



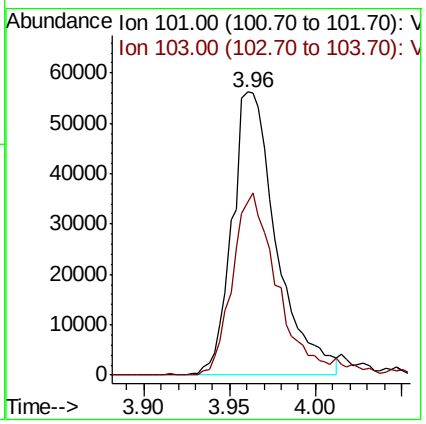


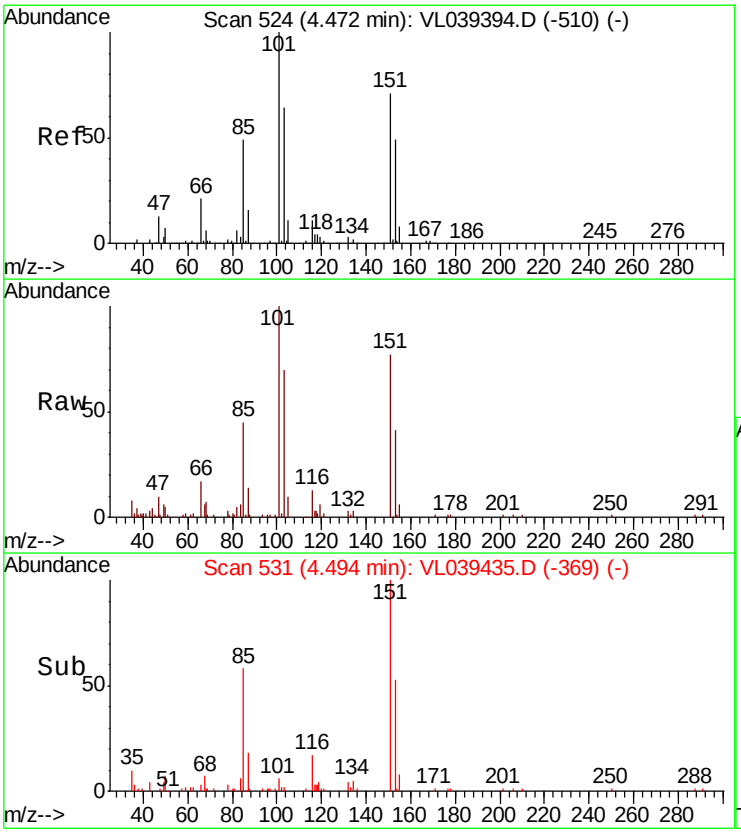
#11
Trichlorofluoromethane
Concen: 0.584 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:101 Resp: 100964

Ion	Ratio	Lower	Upper
101	100		
103	61.2	51.8	77.8

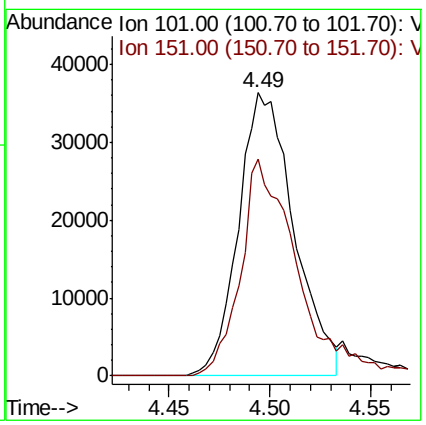


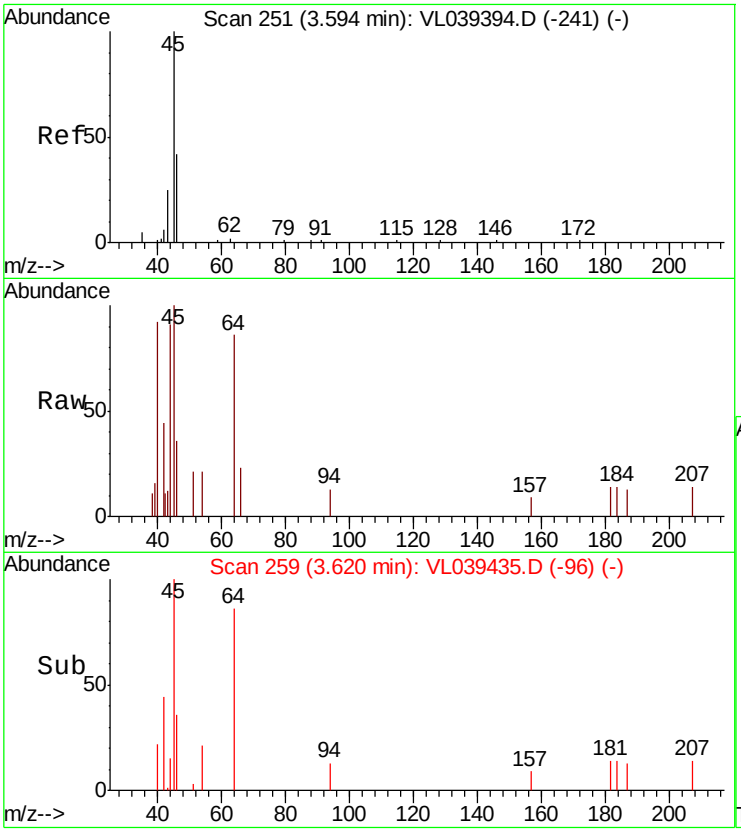


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.543 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.02 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:101 Resp: 70027

Ion	Ratio	Lower	Upper
101	100		
151	79.8	58.9	88.3



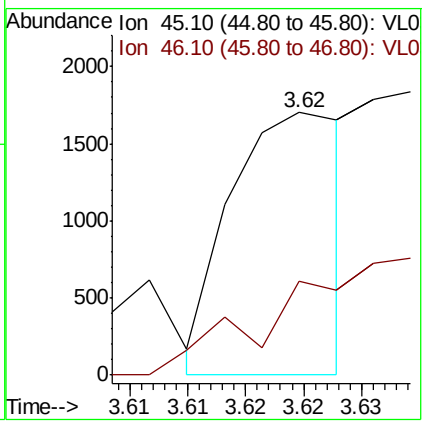


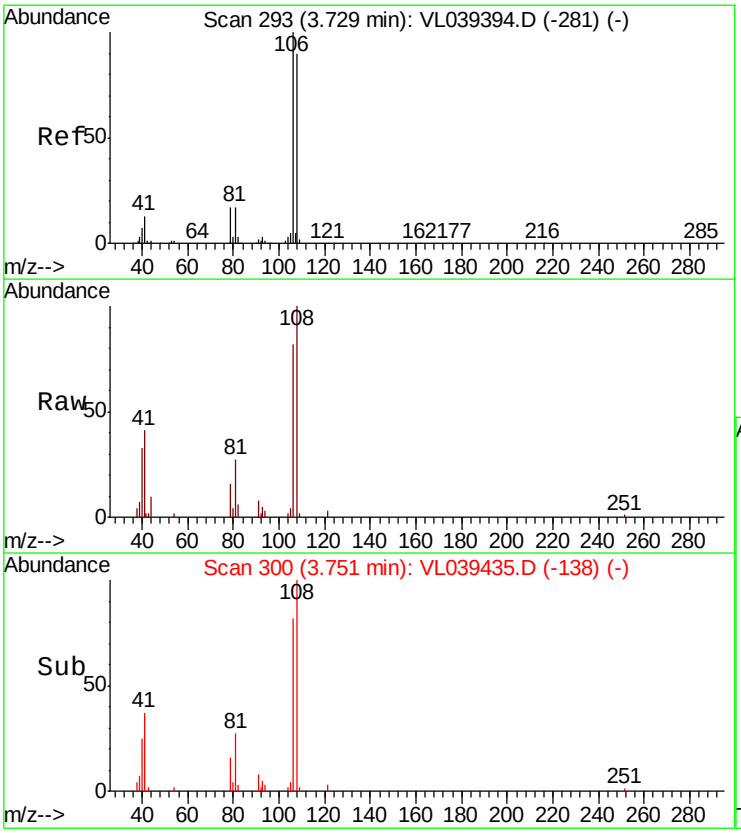
#13
Ethanol
Concen: 0.326 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 45 Resp: 1164

Ion	Ratio	Lower	Upper
45	100		
46	0.0	22.8	91.2#

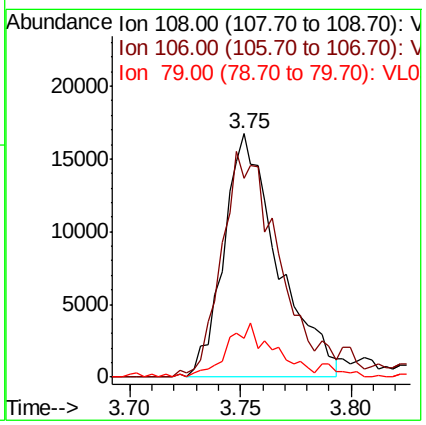


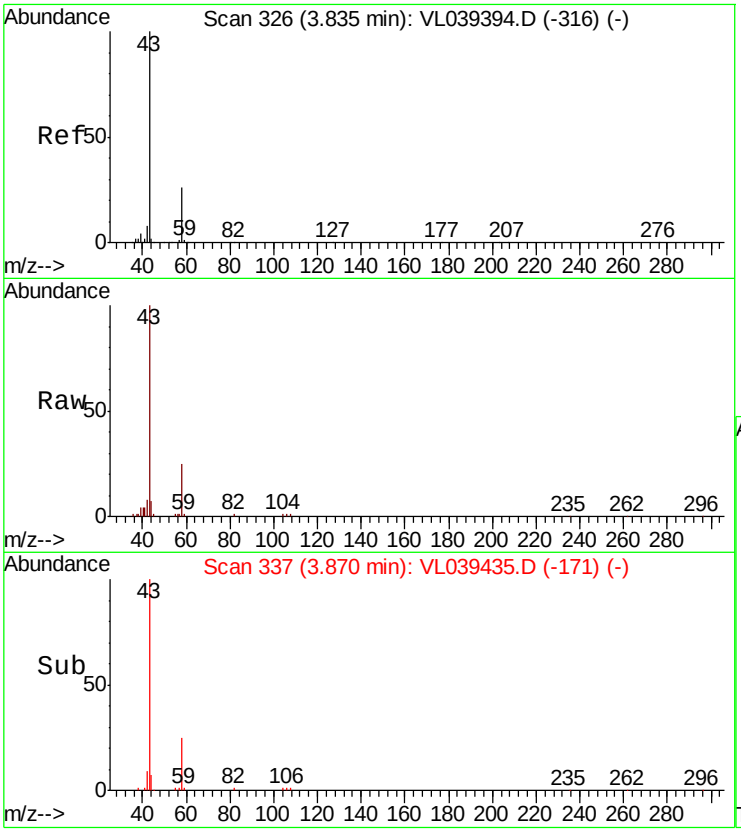


#14
Bromoethene
Concen: 0.527 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.02 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:108 Resp: 28535

Ion	Ratio	Lower	Upper
108	100		
106	105.8	87.1	130.7
79	22.1	14.6	22.0#



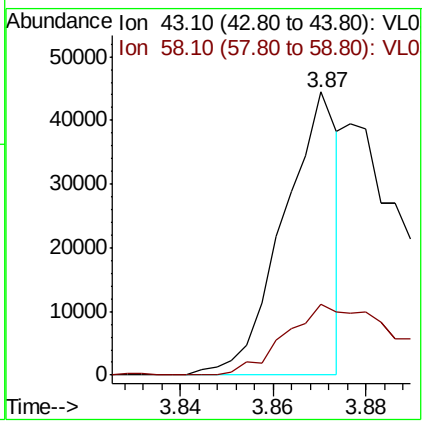


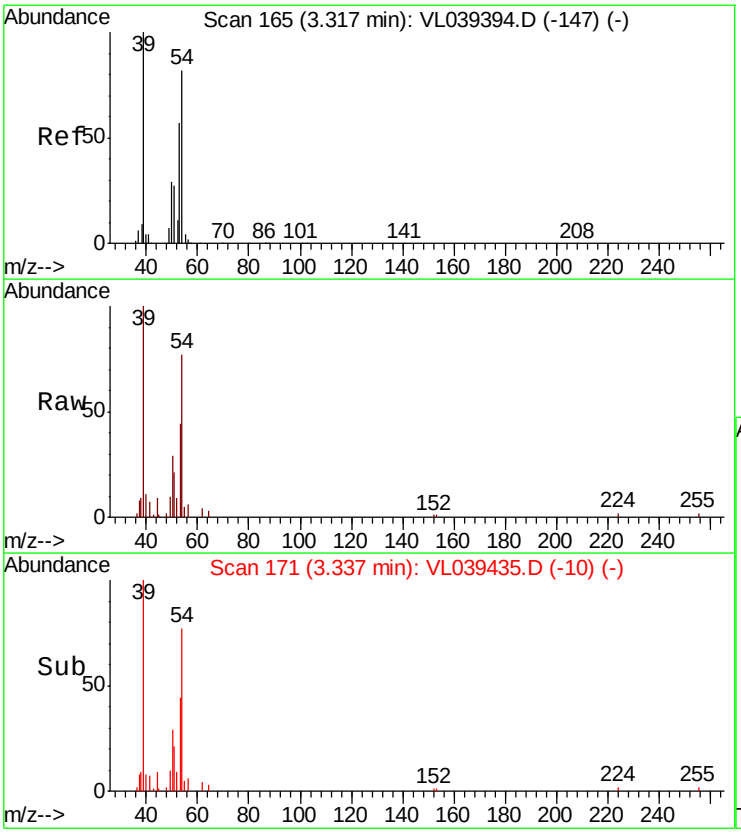
#15
Acetone
Concen: 0.286 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 43 Resp: 36346

Ion	Ratio	Lower	Upper
43	100		
58	73.8	21.0	31.6#

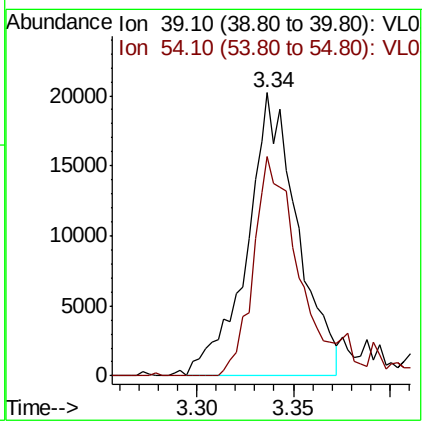


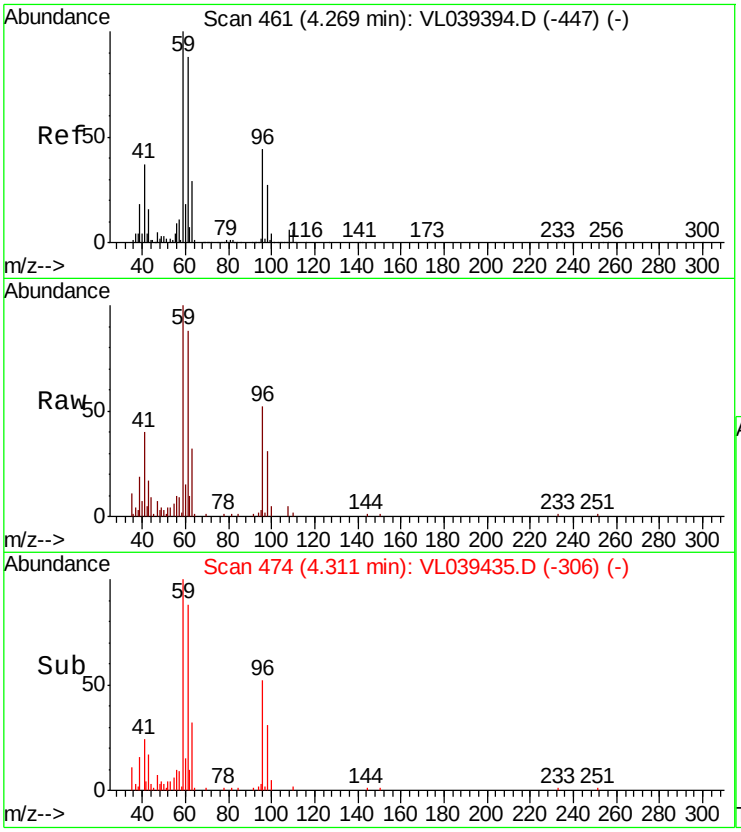


#16
1,3-Butadiene
Concen: 0.557 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.02 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 39 Resp: 36748

Ion	Ratio	Lower	Upper
39	100		
54	76.7	63.7	95.5



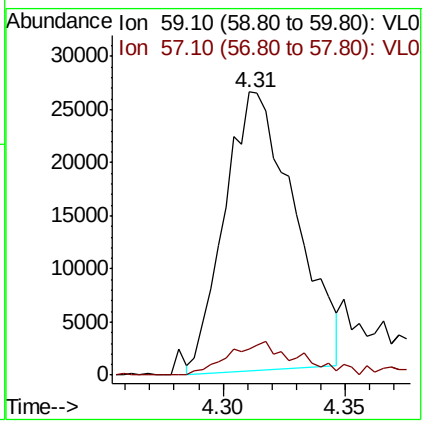


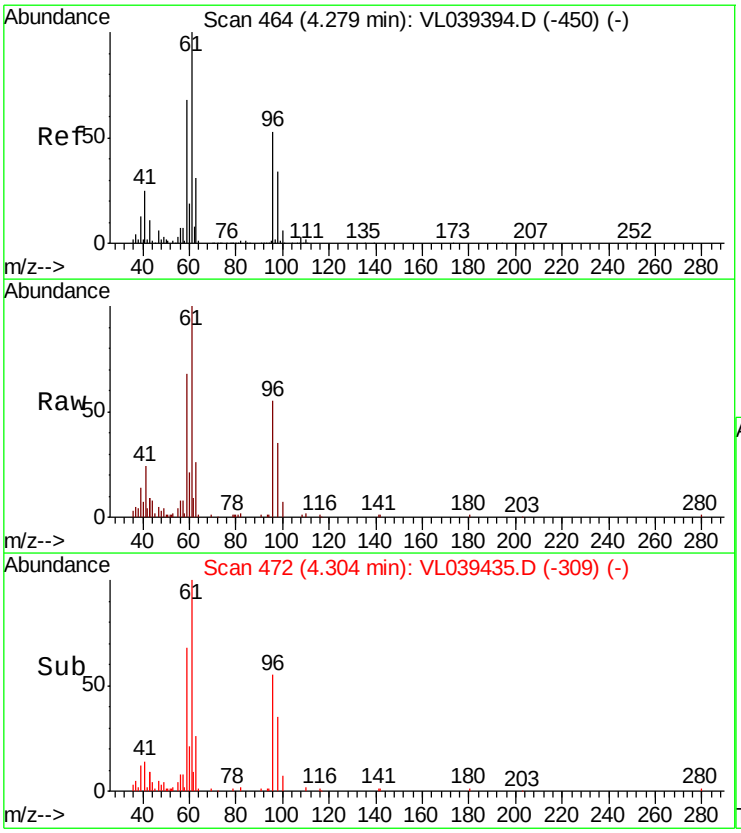
#17
tert-Butyl alcohol
Concen: 0.487 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 59 Resp: 52636

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.7	13.1

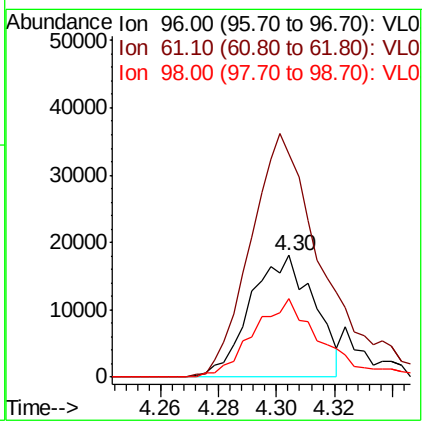


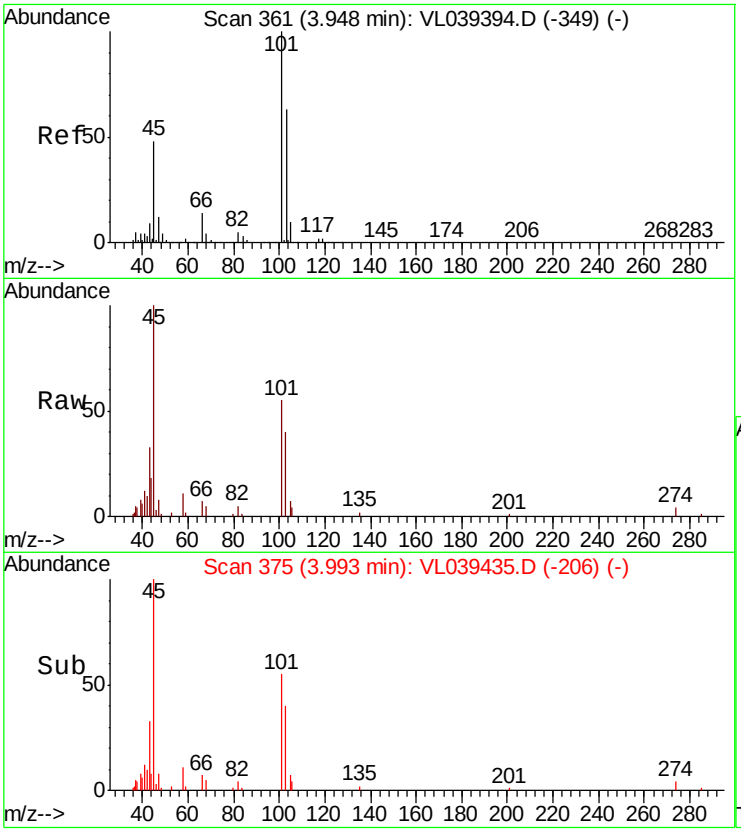


#18
1,1-Dichloroethene
Concen: 0.474 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 96 Resp: 27672

Ion	Ratio	Lower	Upper
96	100		
61	183.1	152.2	228.4
98	64.6	51.8	77.6



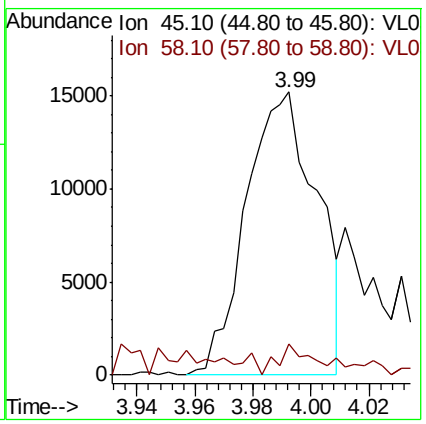


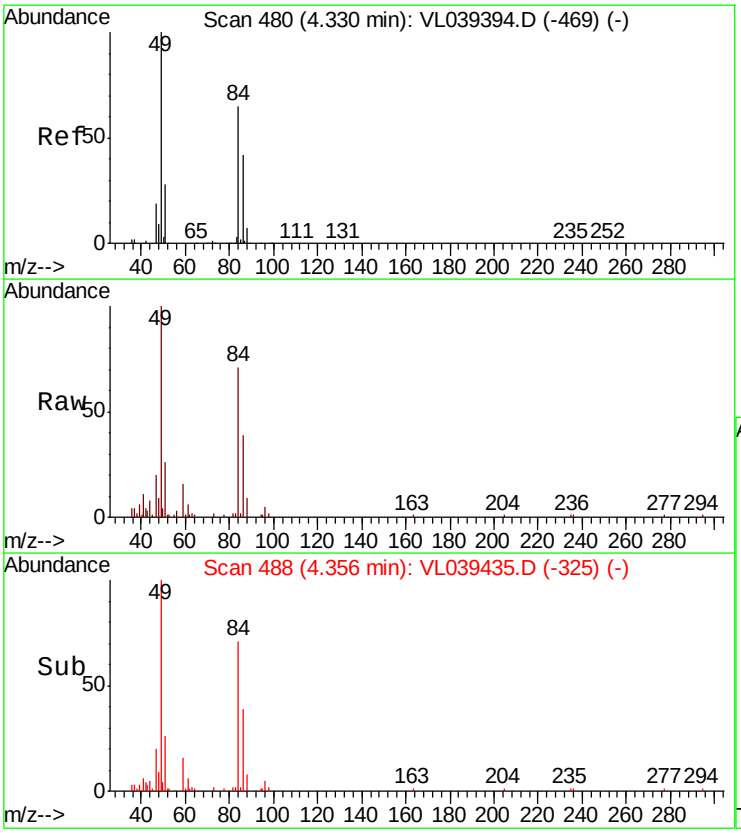
#19
Isopropyl Alcohol
Concen: 0.378 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 45 Resp: 25660

Ion	Ratio	Lower	Upper
45	100		
58	9.6	3.2	4.8#

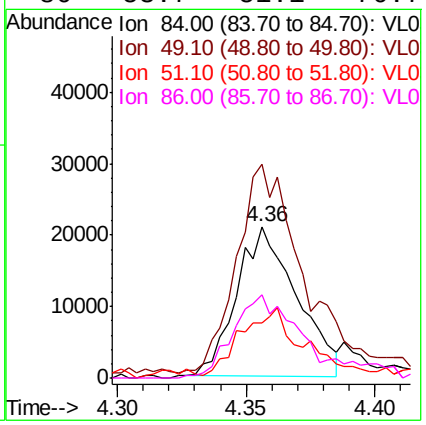


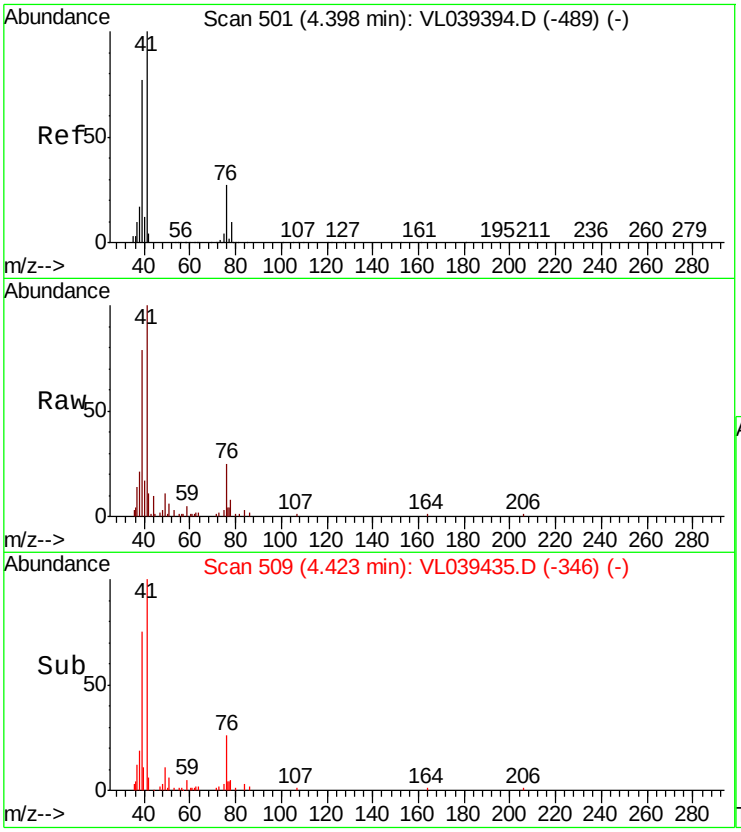


#20
Methylene Chloride
Concen: 0.670 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 84 Resp: 33992

Ion	Ratio	Lower	Upper
84	100		
49	136.7	123.1	184.7
51	31.5	34.4	51.6#
86	53.7	51.1	76.7



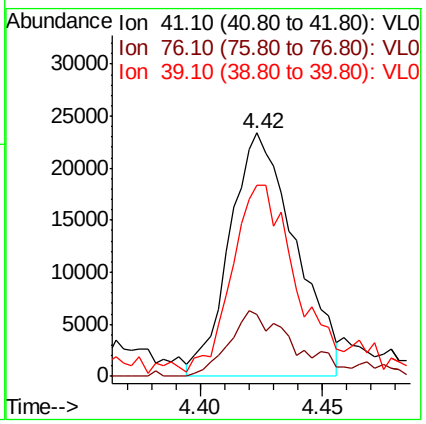


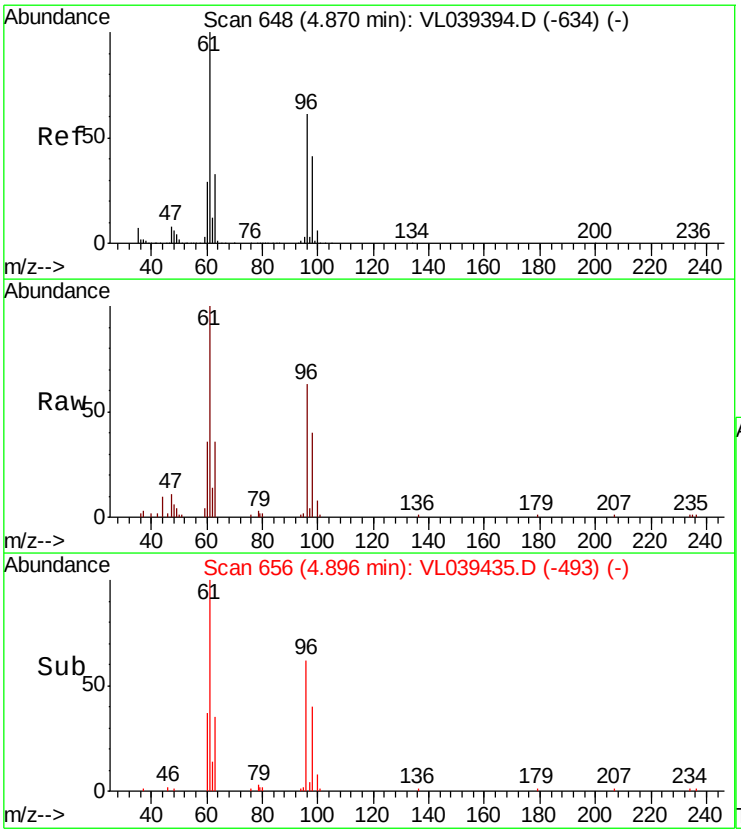
#21
Allyl Chloride
Concen: 0.497 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 41 Resp: 43767

Ion	Ratio	Lower	Upper
41	100		
76	30.2	24.4	36.6
39	86.8	63.5	95.3

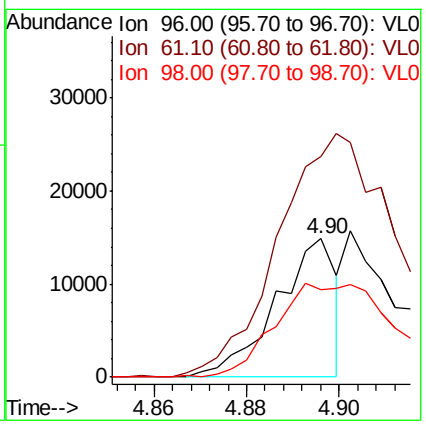


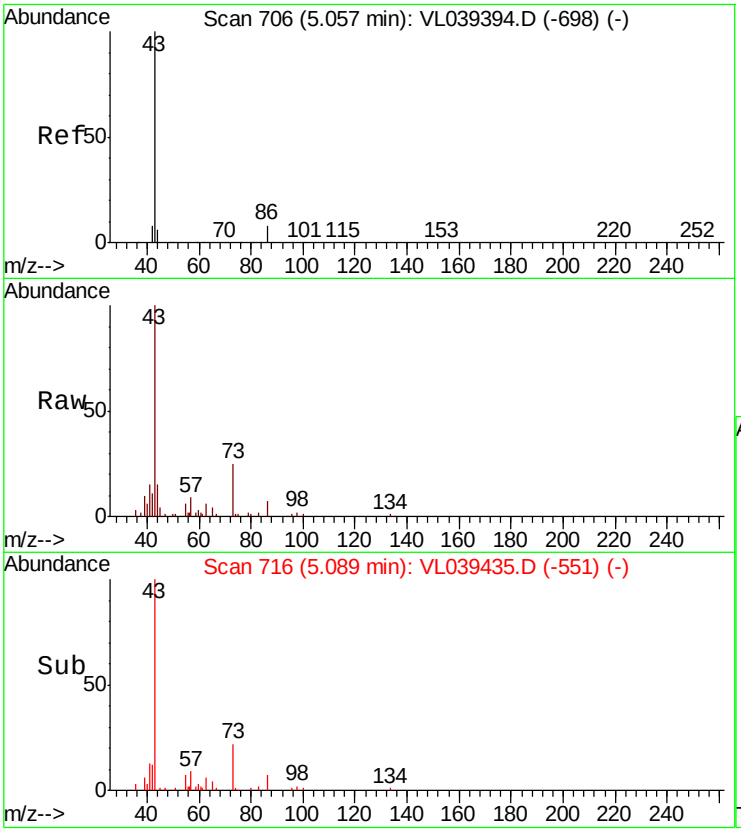


#22
trans-1,2-Dichloroethene
Concen: 0.235 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 96 Resp: 13295

Ion	Ratio	Lower	Upper
96	100		
61	156.3	130.6	195.8
98	61.9	53.4	80.0



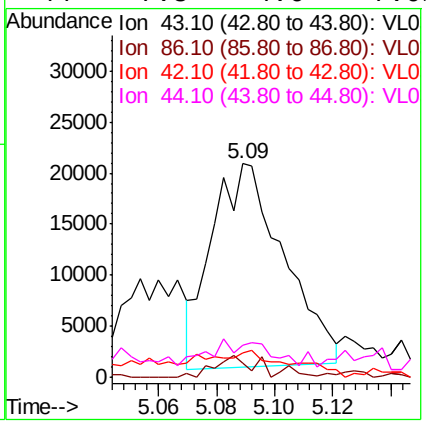


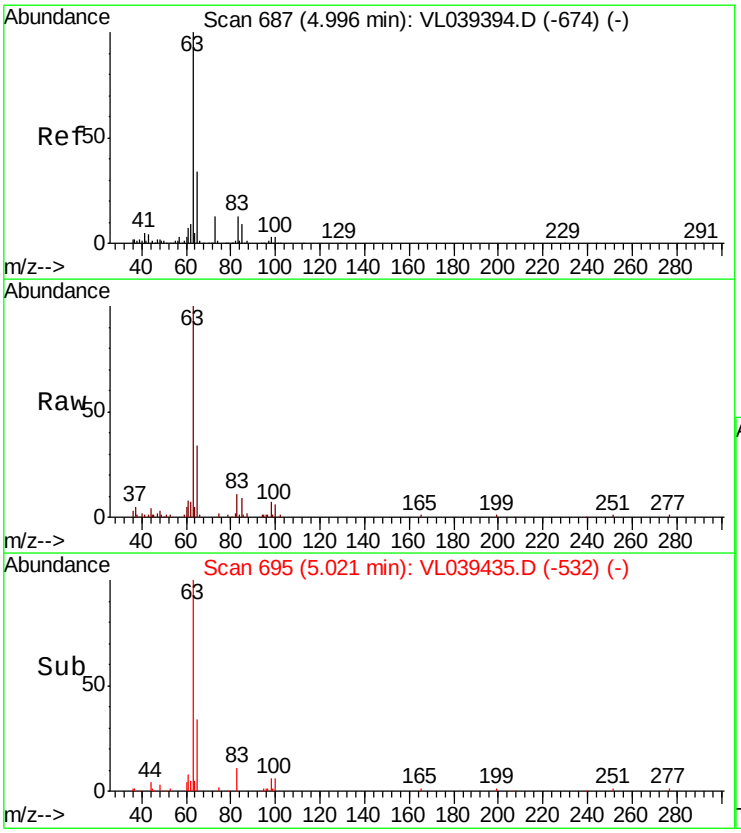
#23
Vinyl Acetate
Concen: 0.404 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 43 Resp: 34339

Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.0	7.6
42	6.0	7.7	11.5#
44	7.8	4.6	7.0#

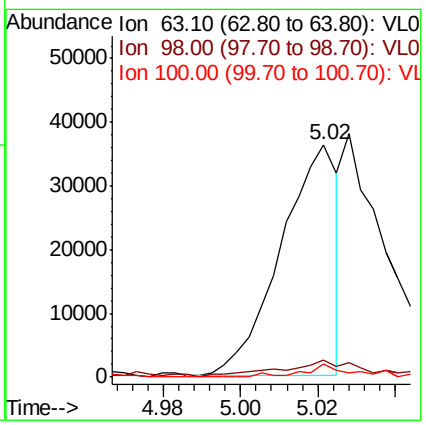


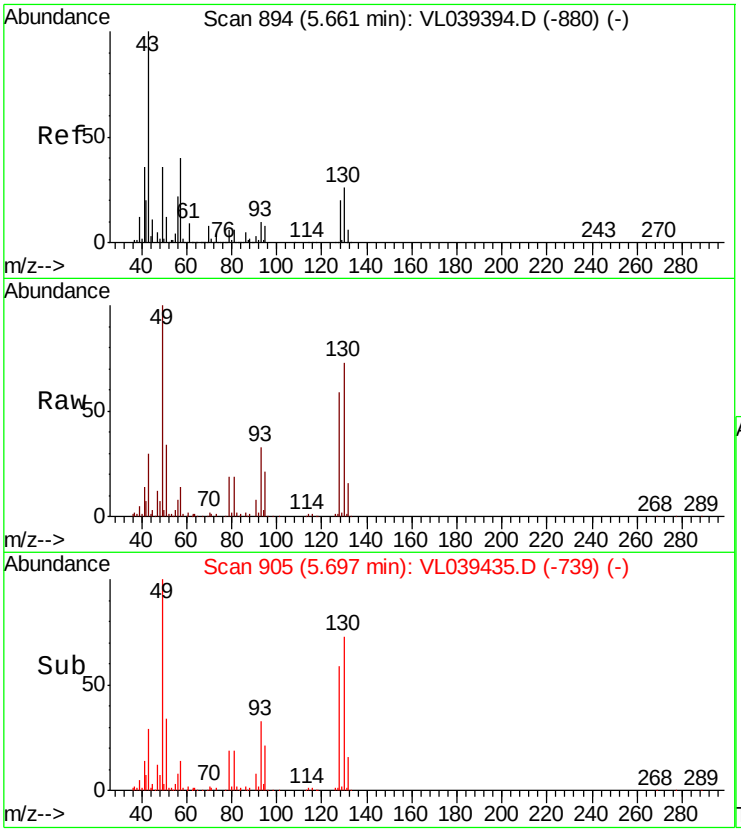


#24
1,1-Dichloroethane
Concen: 0.307 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 63 Resp: 36929

Ion	Ratio	Lower	Upper
63	100		
98	5.7	1.8	5.3#
100	5.6	1.5	4.4#



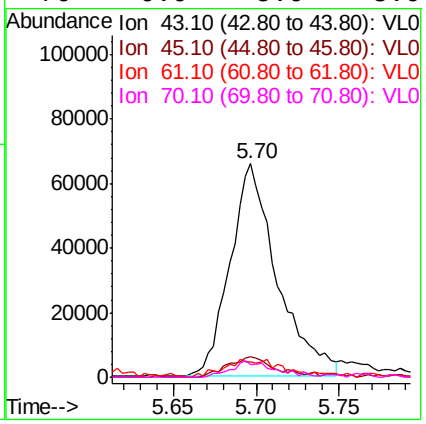


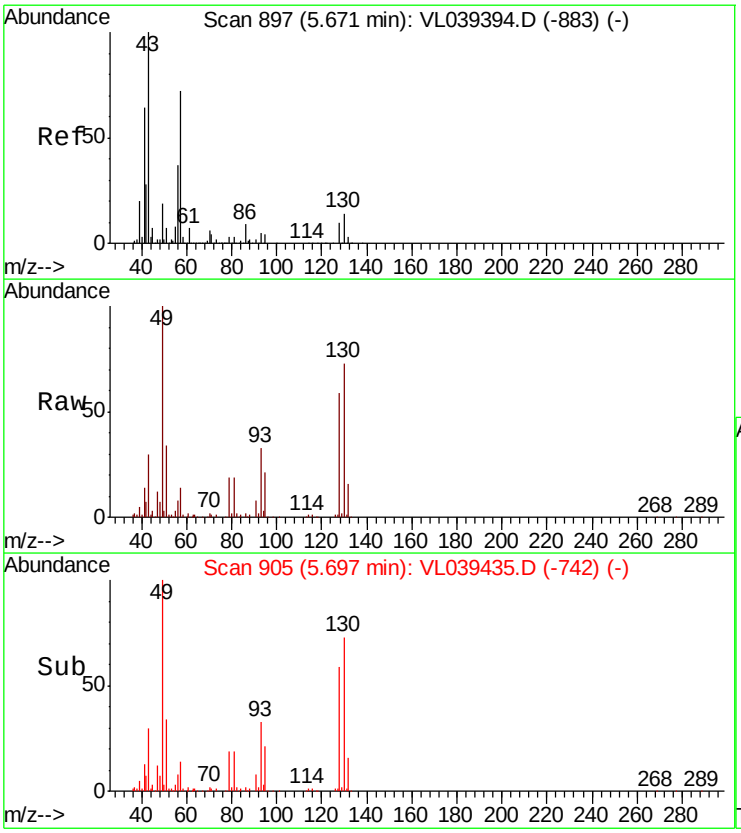
#25
Ethyl Acetate
Concen: 0.498 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 43 Resp: 129854

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	11.9	8.3	12.5
70	6.9	5.9	8.9

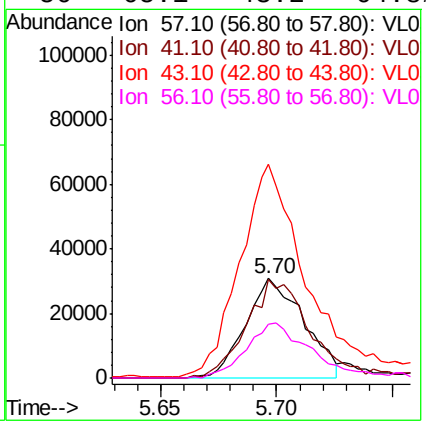


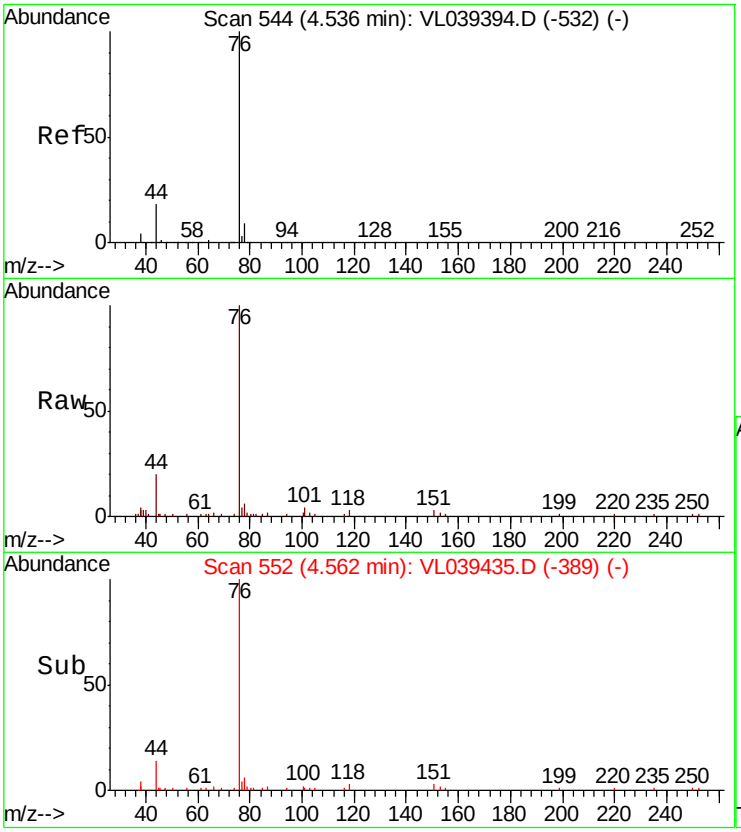


#26
Hexane
Concen: 0.513 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 57 Resp: 53912

Ion	Ratio	Lower	Upper
57	100		
41	113.6	76.9	115.3
43	256.6	191.0	286.6
56	65.1	43.2	64.8#



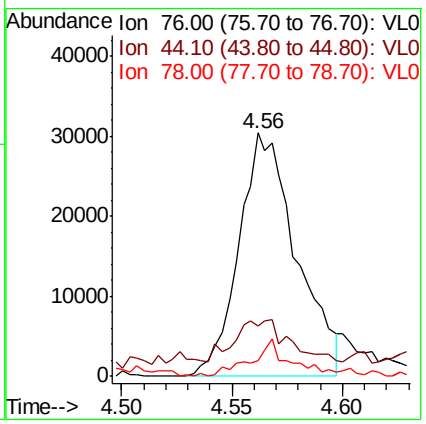


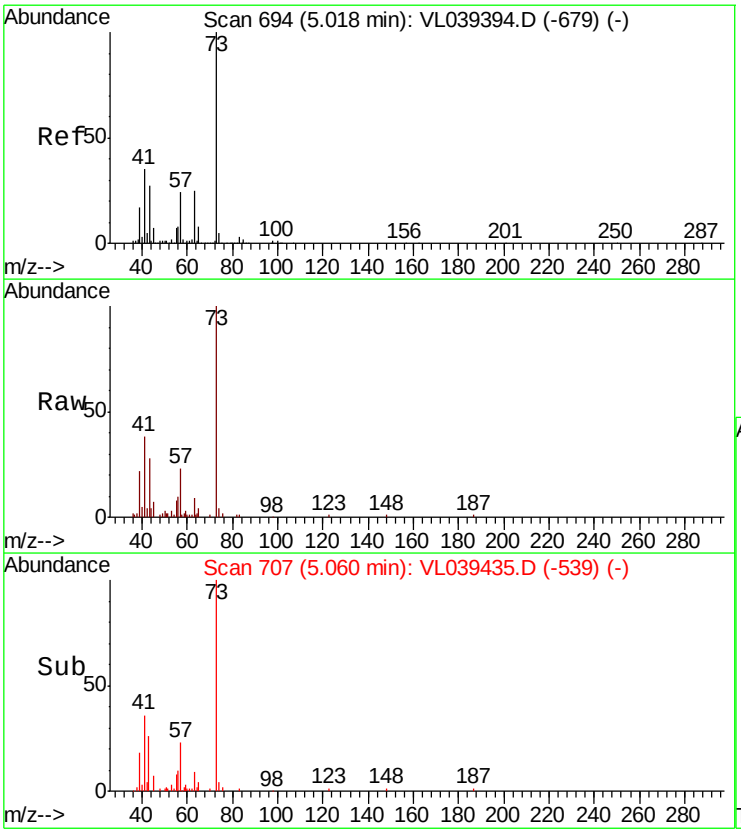
#27
Carbon Disulfide
Concen: 0.435 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 76 Resp: 55206

Ion	Ratio	Lower	Upper
76	100		
44	21.9	14.6	21.8#
78	11.7	7.8	11.6#

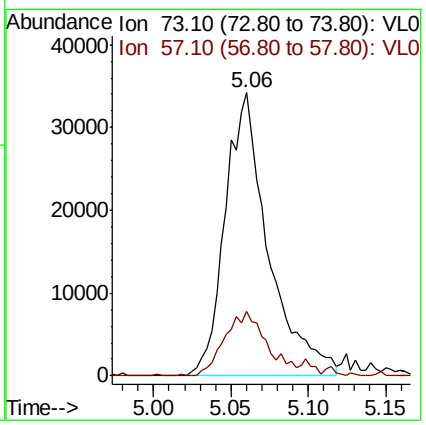


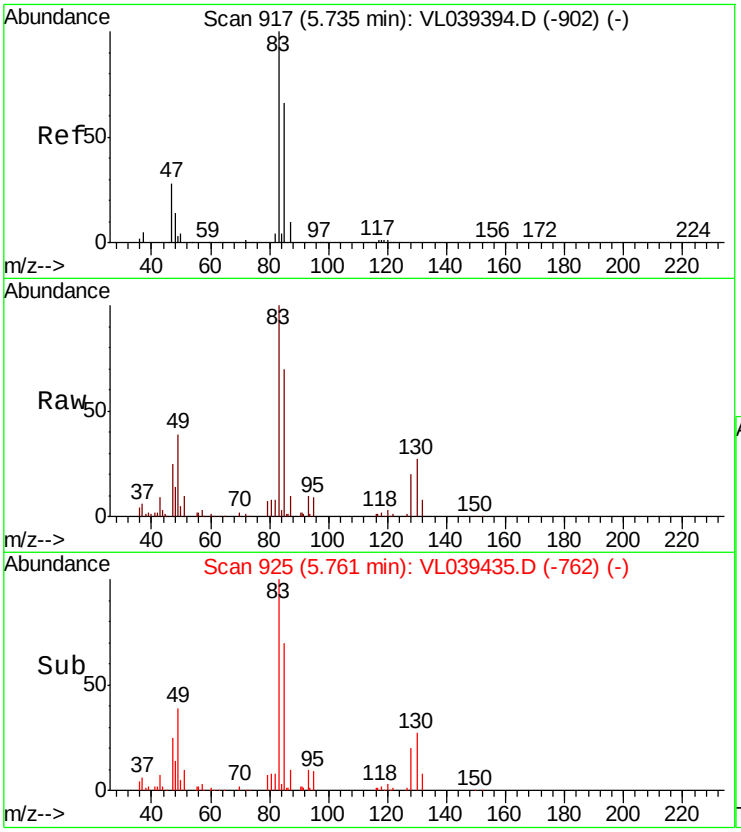


#28
Methyl tert-Butyl Ether
Concen: 0.590 ppbv
RT: 5.06 min Scan# 707
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 73 Resp: 66341

Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.8	29.8



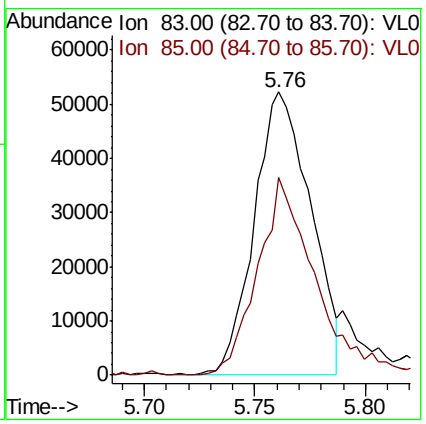


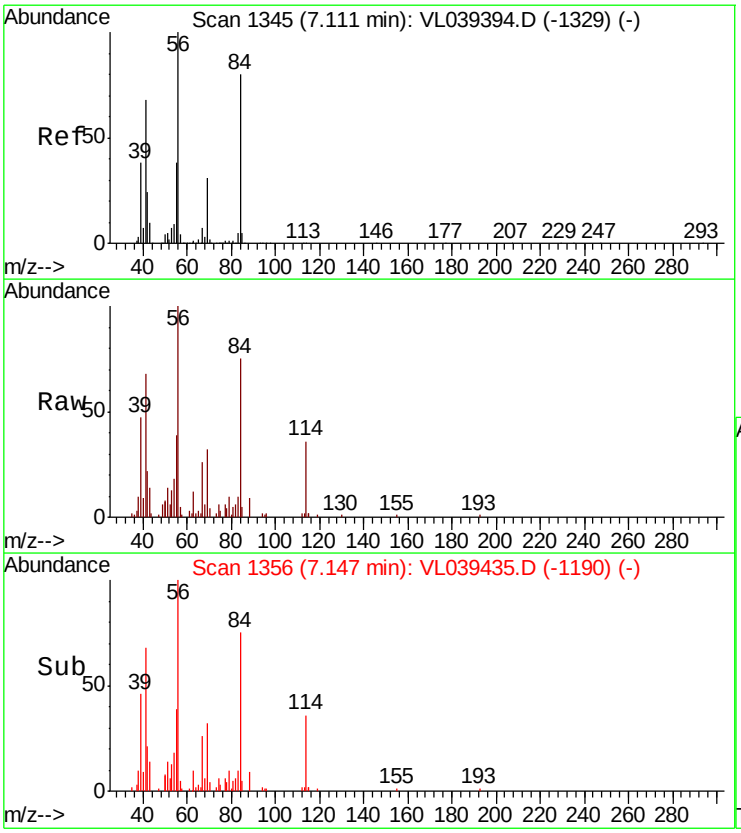
#29
Chloroform
Concen: 0.508 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 83 Resp: 92916

Ion	Ratio	Lower	Upper
83	100		
85	69.9	52.8	79.2

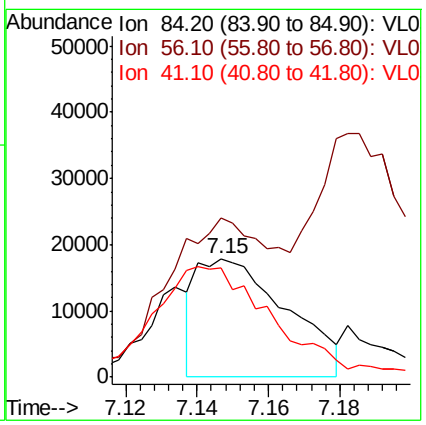


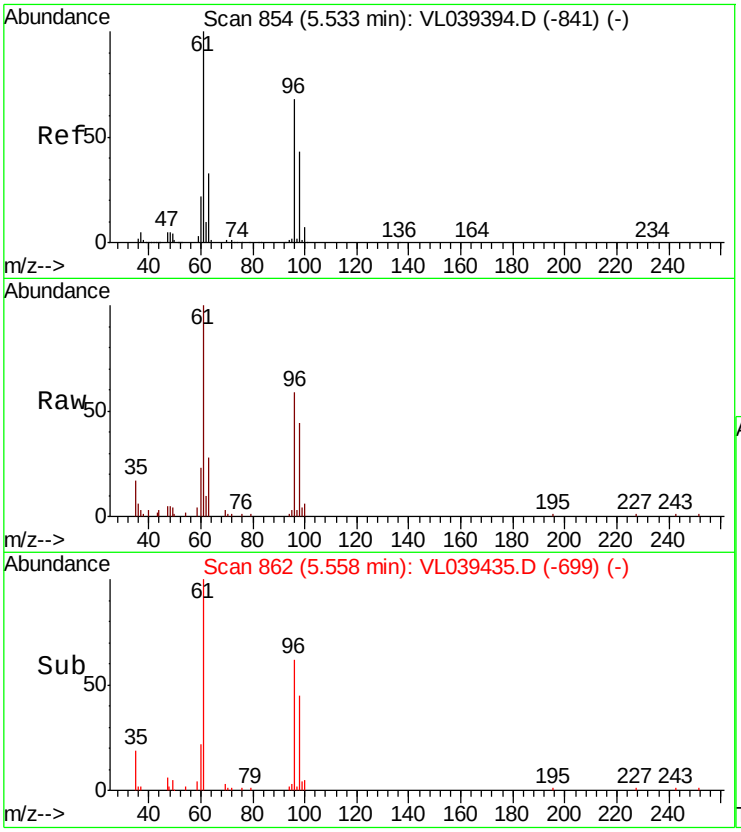


#30
Cyclohexane
Concen: 0.325 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 84 Resp: 31130

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	132.9	67.7	101.5#



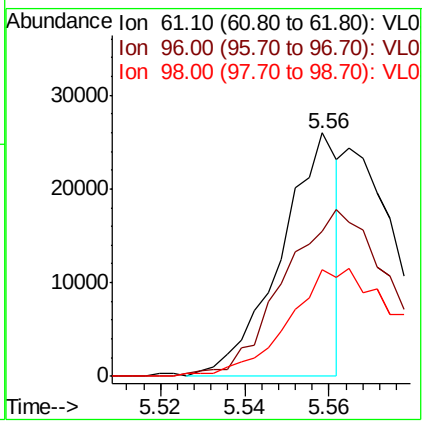


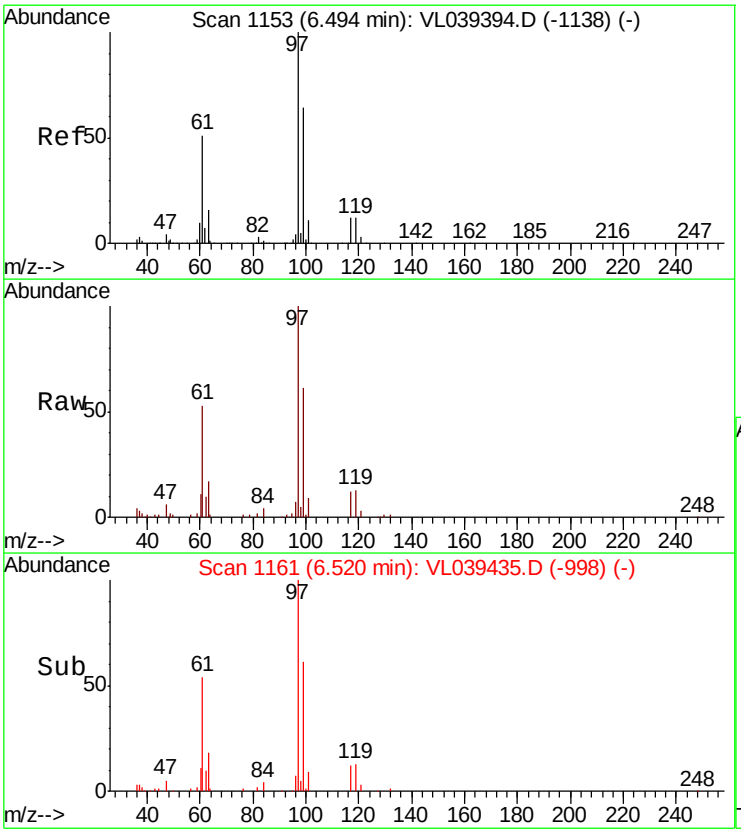
#31
cis-1,2-Dichloroethene
Concen: 0.219 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 61 Resp: 24397

Ion	Ratio	Lower	Upper
61	100		
96	58.3	54.1	81.1
98	42.8	34.6	52.0

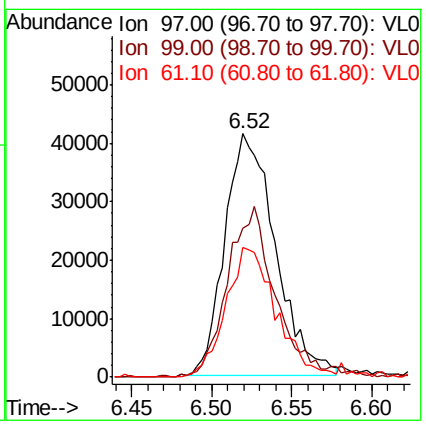


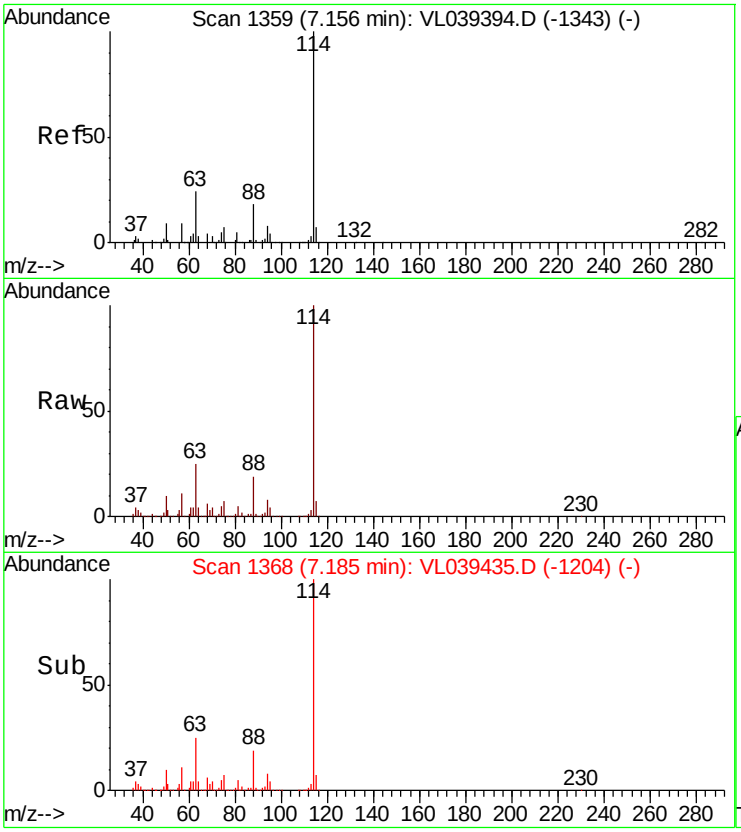


#32
1,1,1-Trichloroethane
Concen: 0.498 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 97 Resp: 89886

Ion	Ratio	Lower	Upper
97	100		
99	67.6	52.3	78.5
61	54.6	40.9	61.3



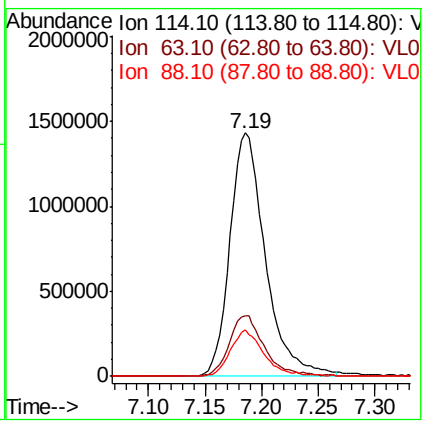


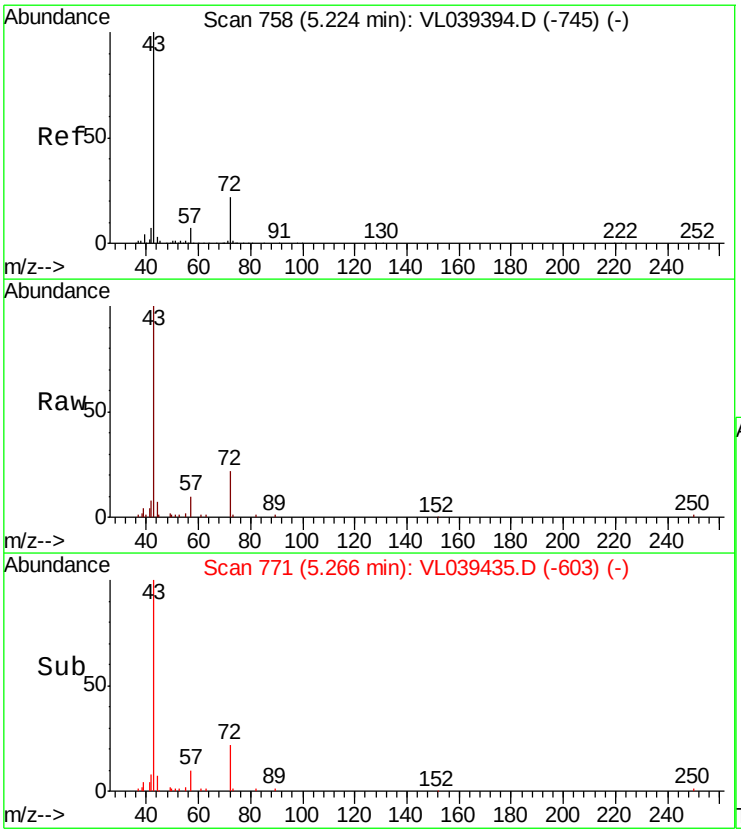
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:114 Resp: 3130378

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.2	30.4
88	18.4	14.5	21.7

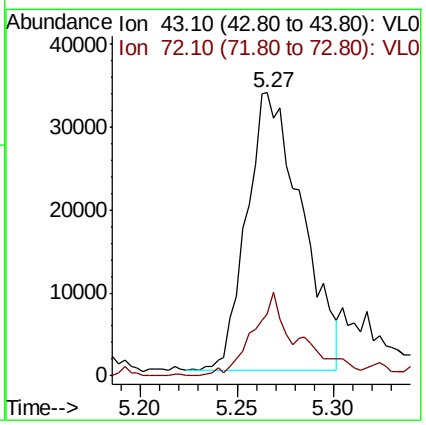


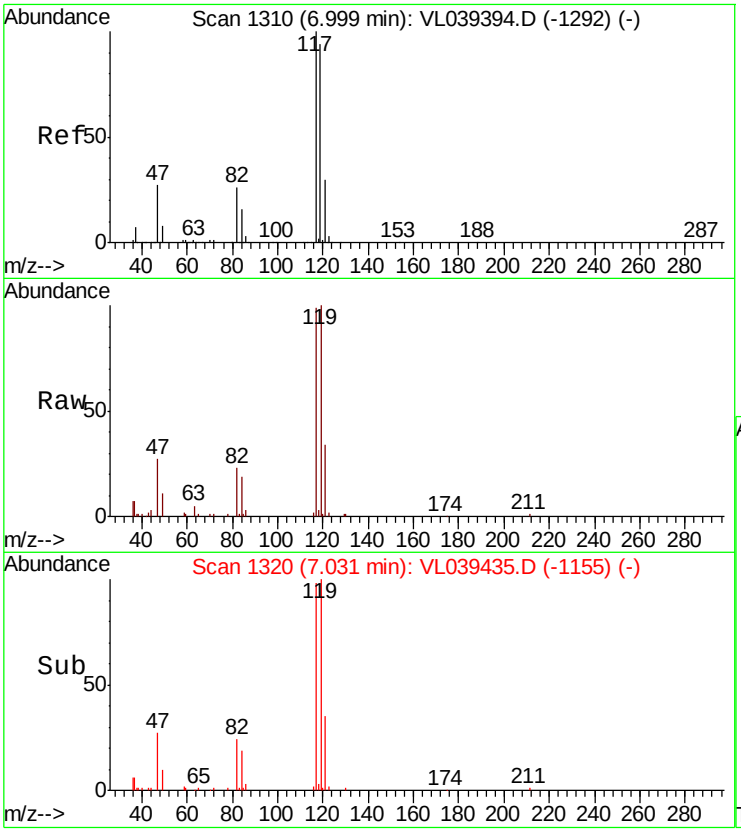


#34
2-Butanone
Concen: 0.423 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 43 Resp: 66704

Ion	Ratio	Lower	Upper
43	100		
72	26.5	17.9	26.9



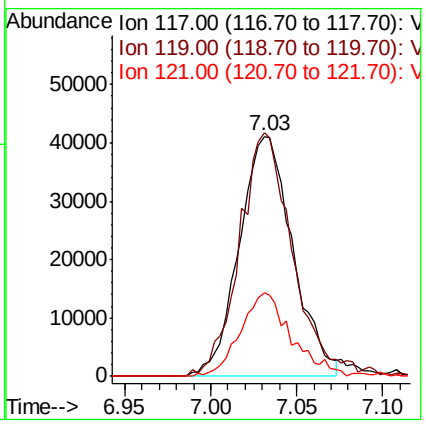


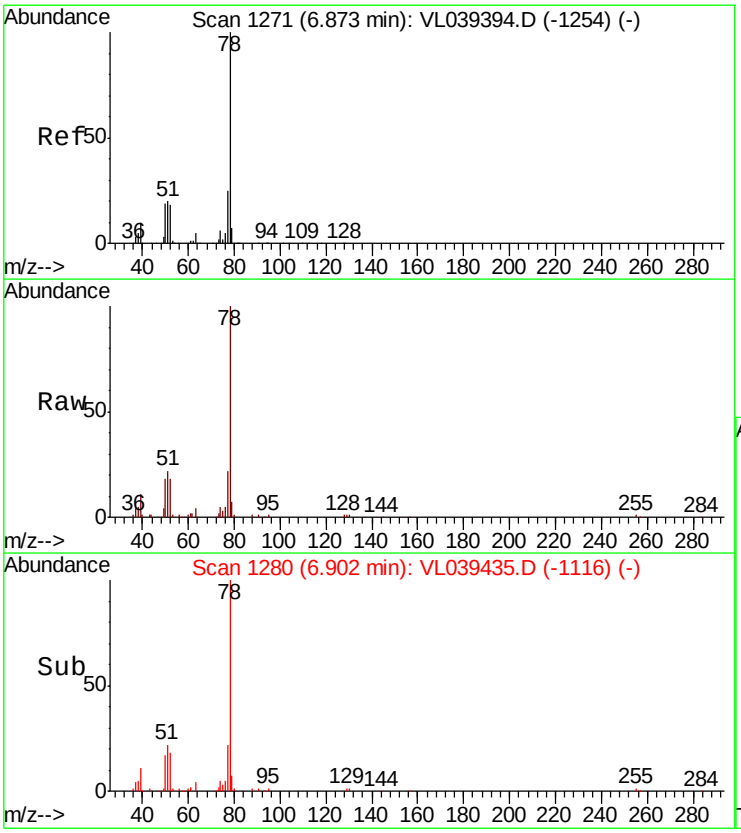
#35
Carbon Tetrachloride
Concen: 0.459 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:117 Resp: 88704

Ion	Ratio	Lower	Upper
117	100		
119	101.3	75.4	113.2
121	34.9	24.2	36.2

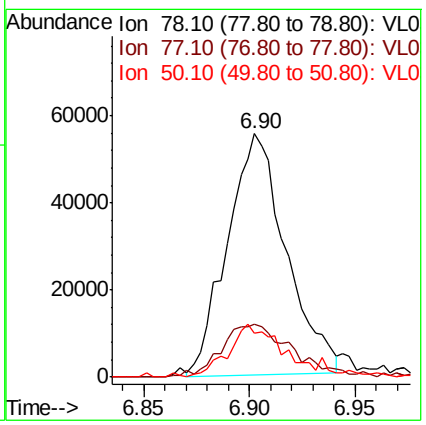


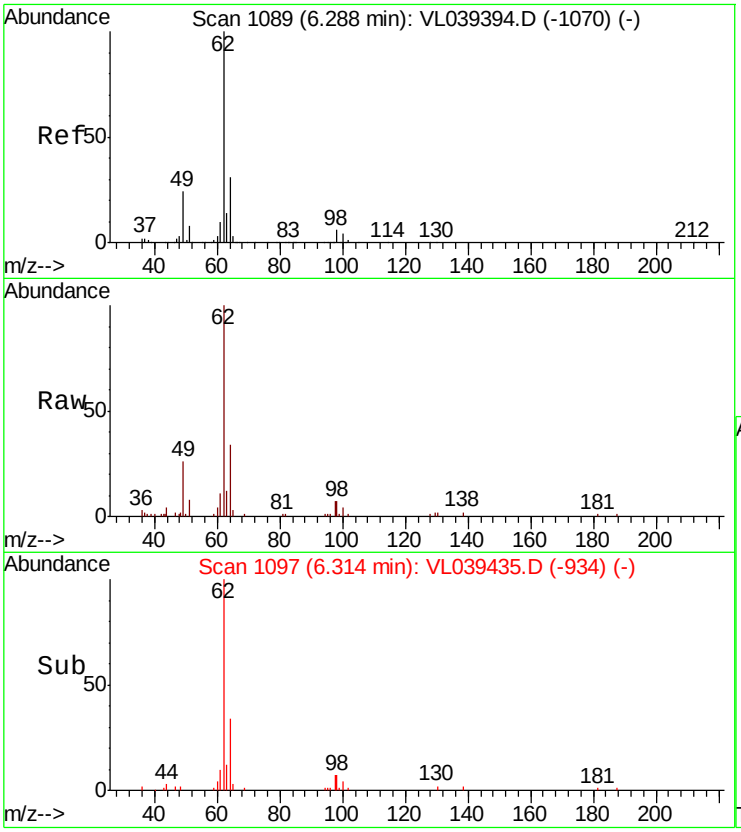


#36
Benzene
Concen: 0.442 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 78 Resp: 107002

Ion	Ratio	Lower	Upper
78	100		
77	19.7	20.3	30.5#
50	18.4	15.5	23.3



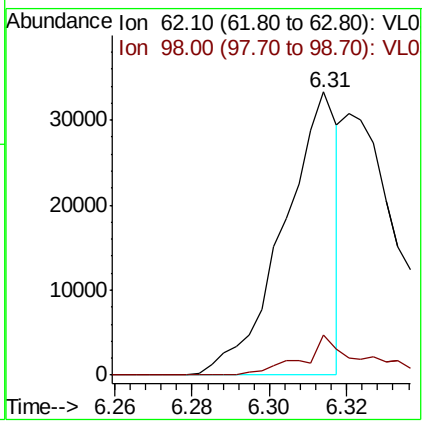


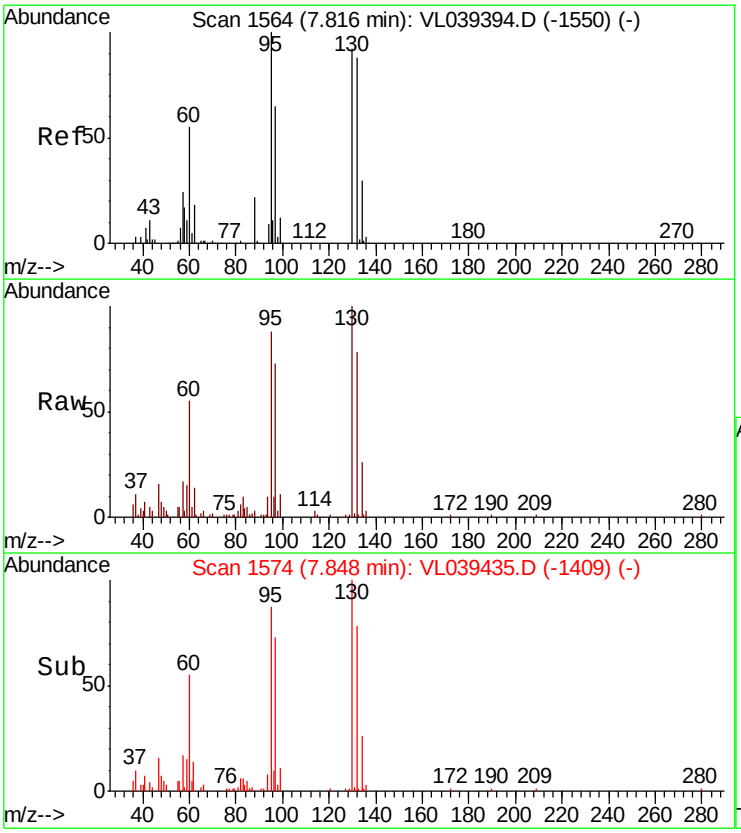
#37
1,2-Dichloroethane
Concen: 0.226 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 62 Resp: 32334

Ion	Ratio	Lower	Upper
62	100		
98	16.5	5.1	7.7#

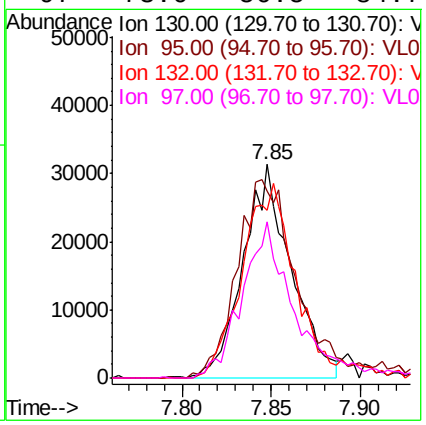


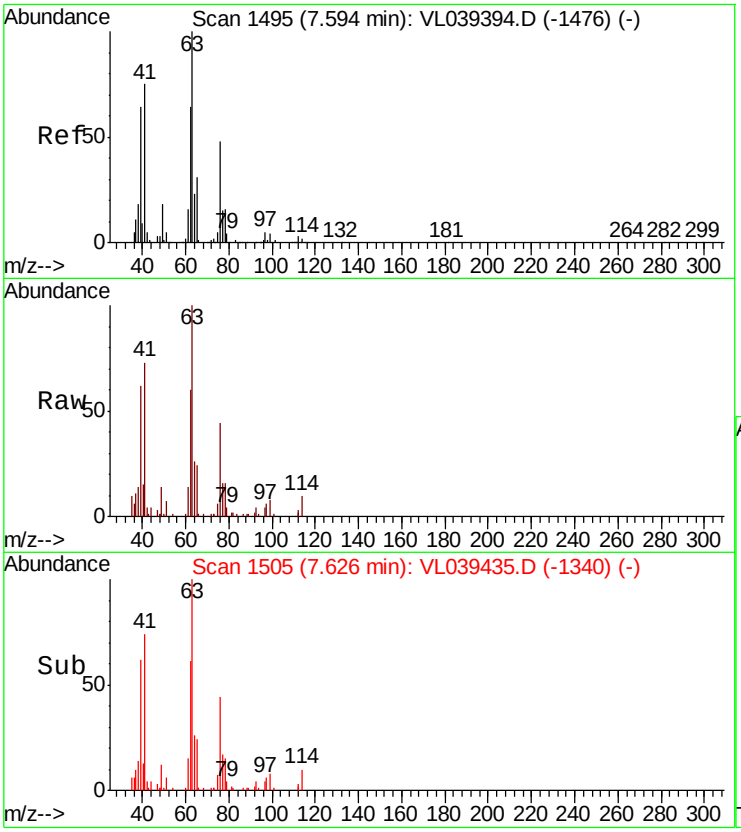


#38
Trichloroethene
Concen: 0.446 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:130 Resp: 58439

Ion	Ratio	Lower	Upper
130	100		
95	87.6	87.3	130.9
132	78.4	76.7	115.1
97	73.0	56.5	84.7



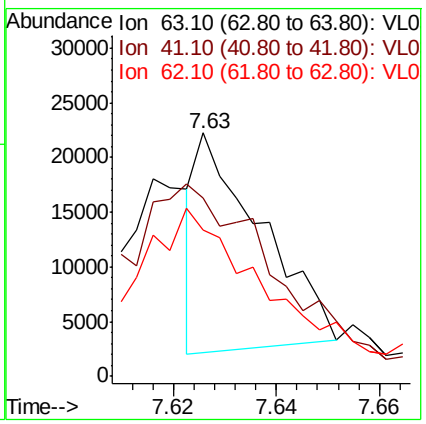


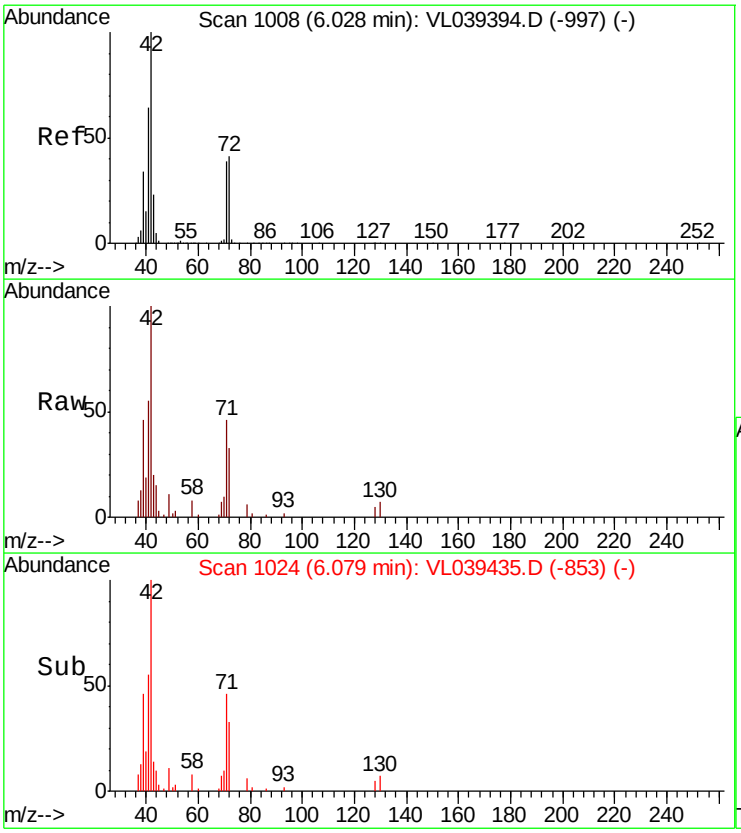
#39
1,2-Dichloropropane
Concen: 0.191 ppbv
RT: 7.63
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 63 Resp: 17283

Ion	Ratio	Lower	Upper
63	100		
41	60.6	59.6	89.4
62	27.7	51.4	77.0#

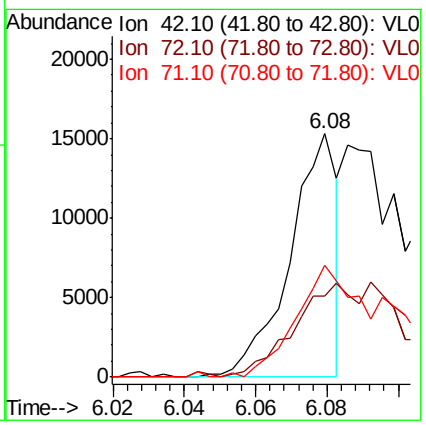


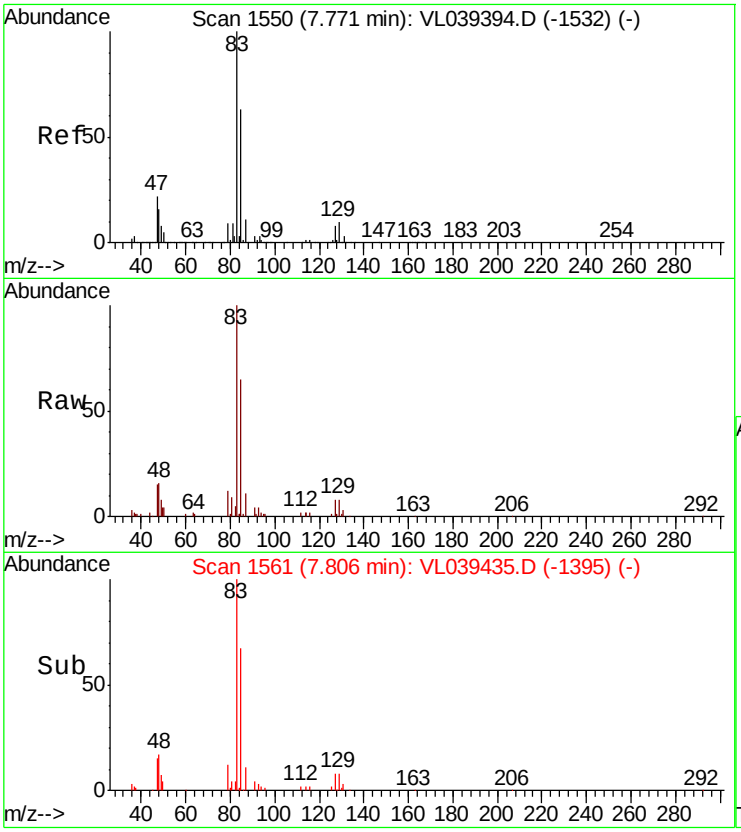


#41
Tetrahydrofuran
Concen: 0.154 ppbv
RT: 6.08 min Scan# 1024
Delta R.T. 0.05 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 42 Resp: 14033

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	112.2	31.8	47.8#



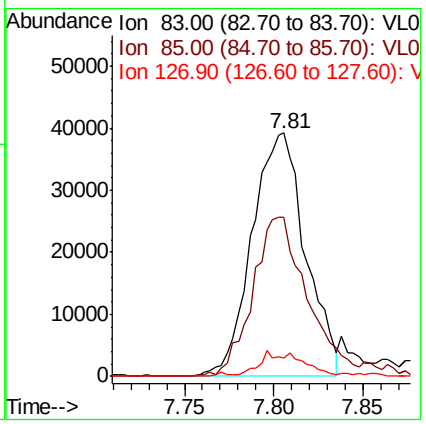


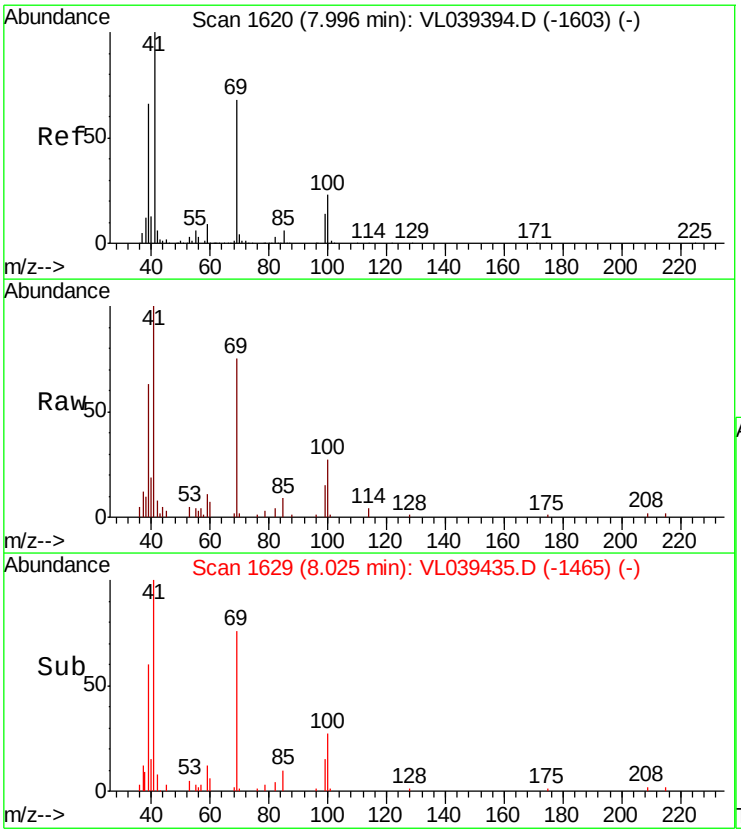
#42
Bromodichloromethane
Concen: 0.426 ppbv
RT: 7.81
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 83 Resp: 82089

Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1
127	7.6	6.6	9.8

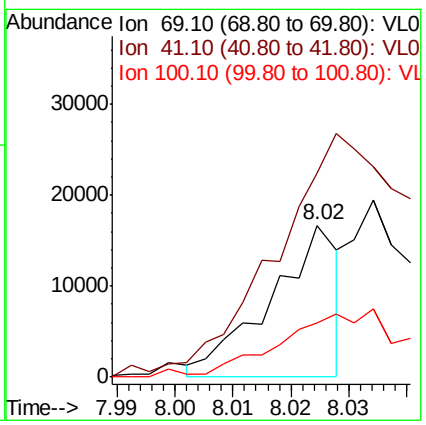


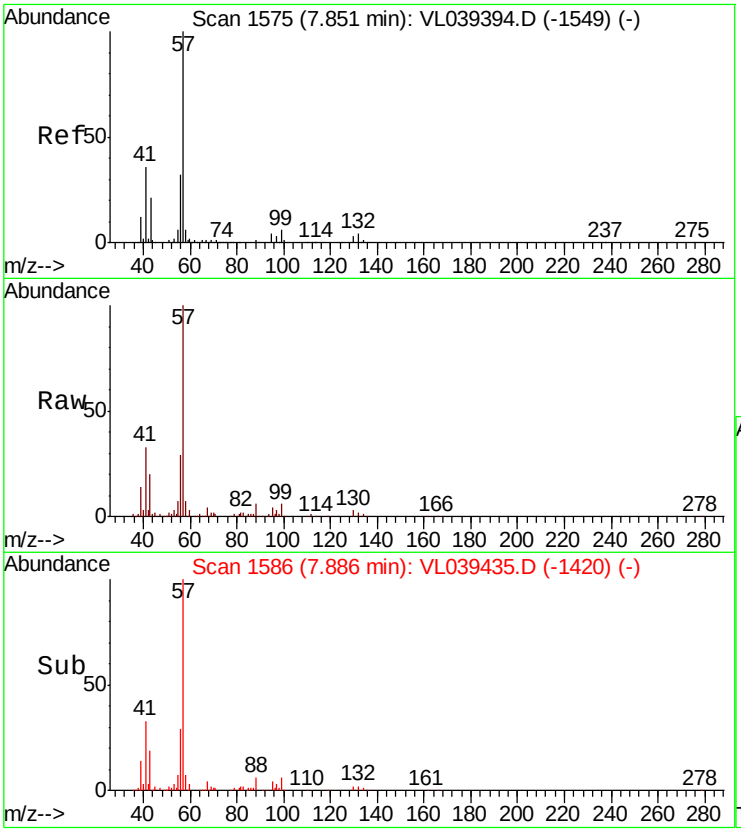


#43
Methyl Methacrylate
Concen: 0.148 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 69 Resp: 13620

Ion	Ratio	Lower	Upper
69	100		
41	416.6	120.8	181.2#
100	0.0	27.8	41.6#



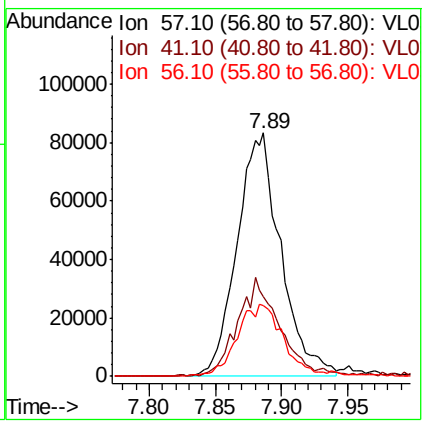


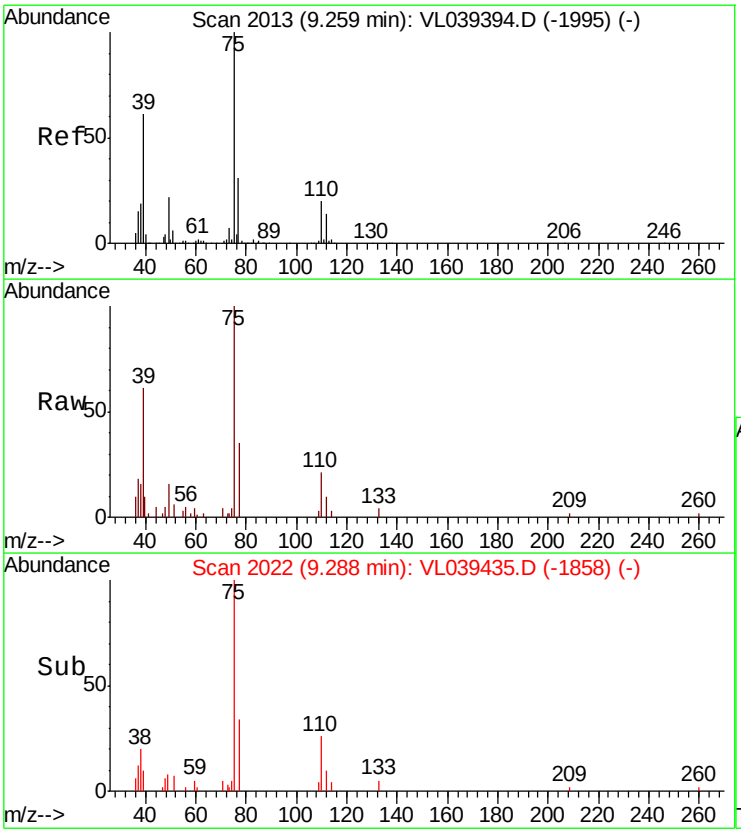
#44
2,2,4-Trimethylpentane
Concen: 0.461 ppbv
RT: 7.89
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 57 Resp: 189176

Ion	Ratio	Lower	Upper
57	100		
41	40.4	27.4	41.2
56	32.4	24.5	36.7

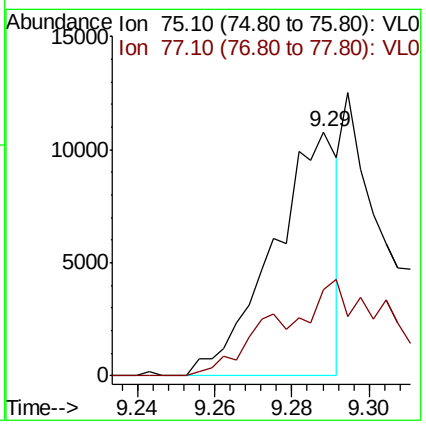


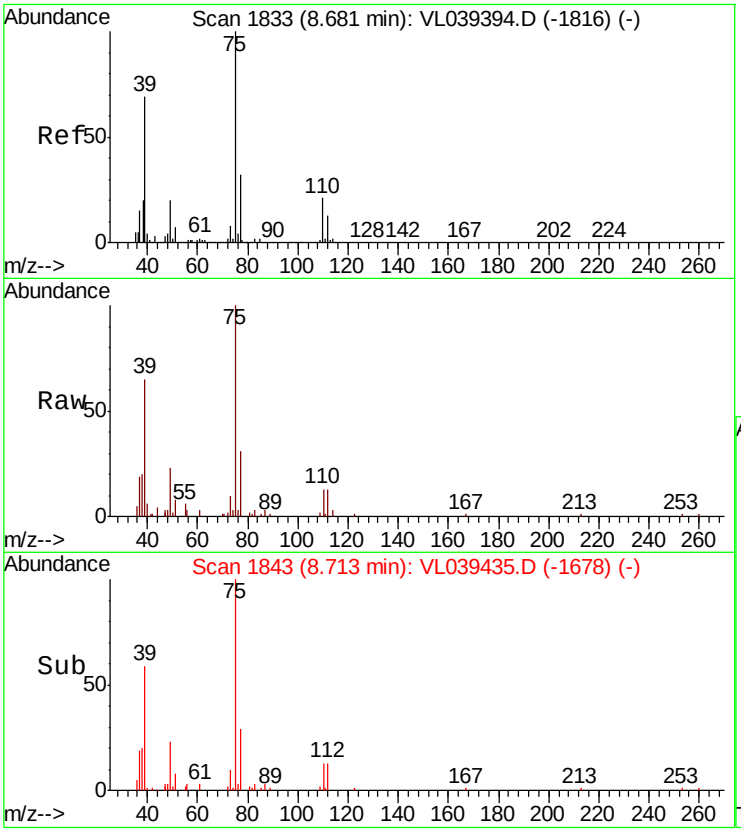


#45
t-1,3-Dichloropropene
Concen: 0.152 ppbv
RT: 9.29 min Scan# 2022
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 75 Resp: 12485

Ion	Ratio	Lower	Upper
75	100		
77	35.3	24.6	36.8



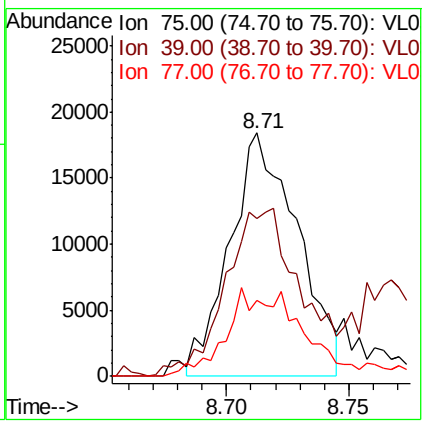


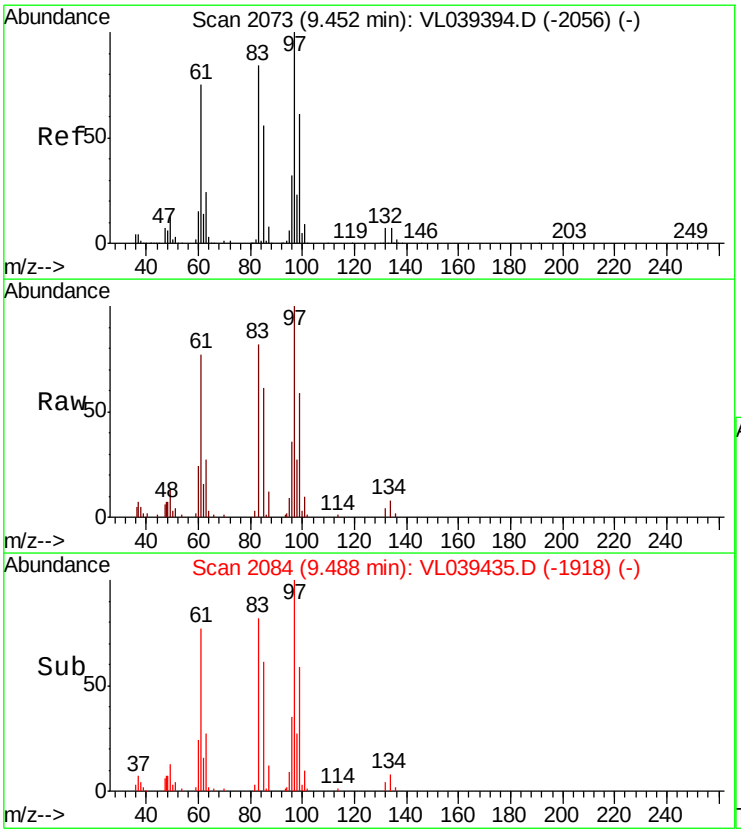
#46
cis-1,3-Dichloropropene
Concen: 0.315 ppbv
RT: 8.71
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 75 Resp: 35572

Ion	Ratio	Lower	Upper
75	100		
39	60.6	55.0	82.4
77	26.7	25.7	38.5

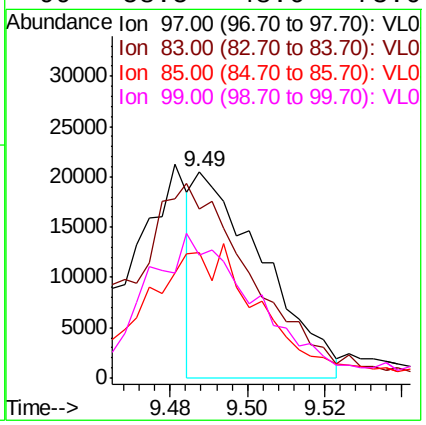


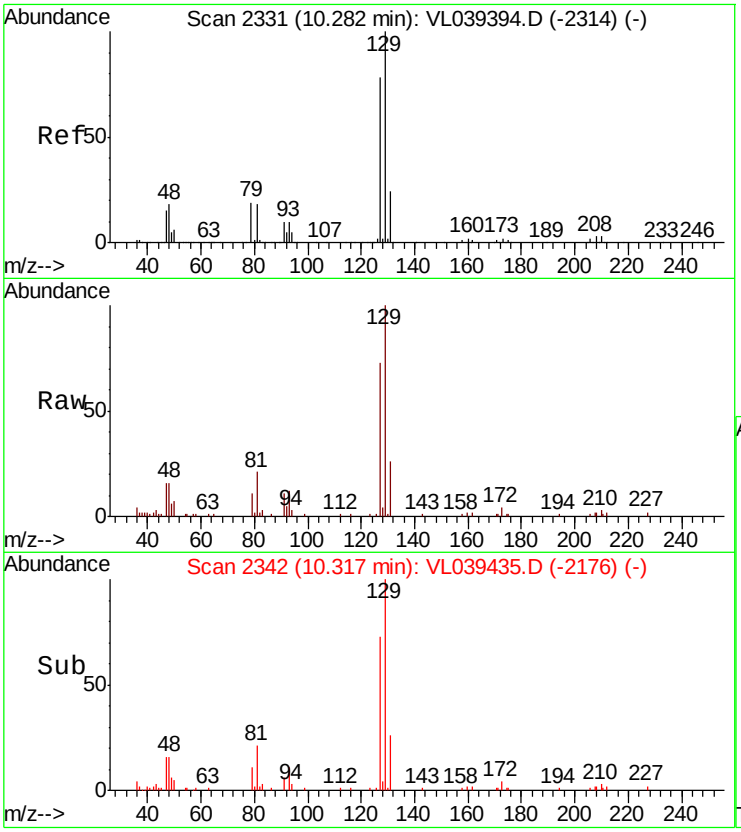


#47
1,1,2-Trichloroethane
Concen: 0.250 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 97 Resp: 25393

Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.4	101.0
85	59.4	45.1	67.7
99	58.5	48.6	73.0



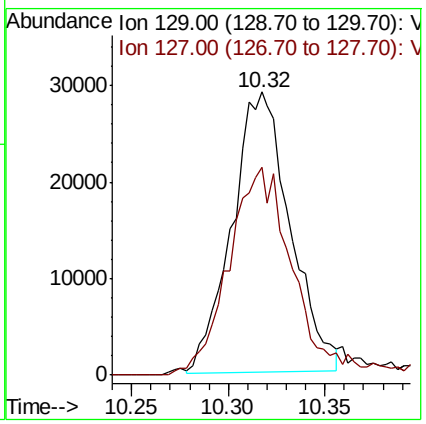


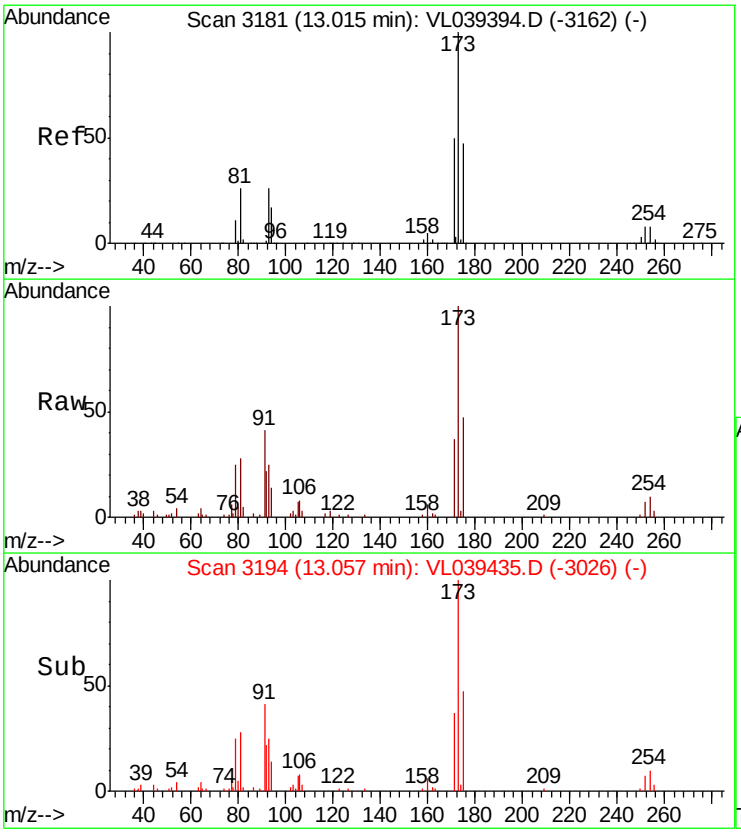
#48
Dibromochloromethane
Concen: 0.378 ppbv
RT: 10.32
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:129 Resp: 60981

Ion	Ratio	Lower	Upper
129	100		
127	81.6	39.3	117.9

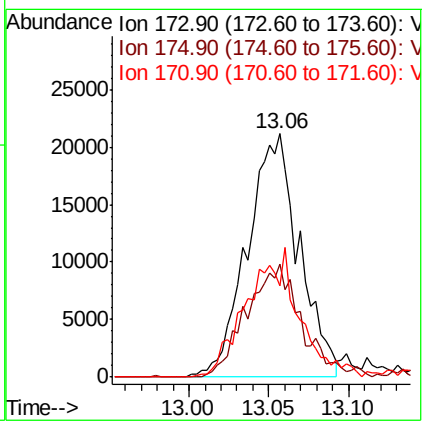


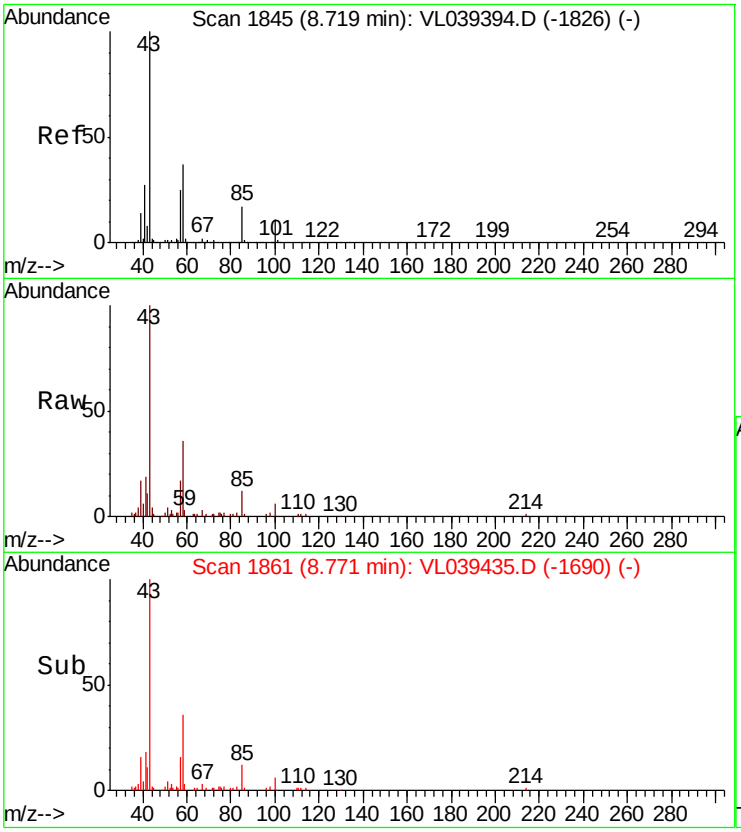


#49
Bromoform
Concen: 0.362 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:173 Resp: 47197

Ion	Ratio	Lower	Upper
173	100		
175	49.4	40.3	60.5
171	53.3	42.9	64.3



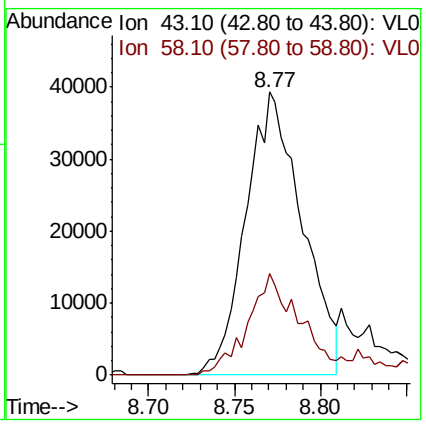


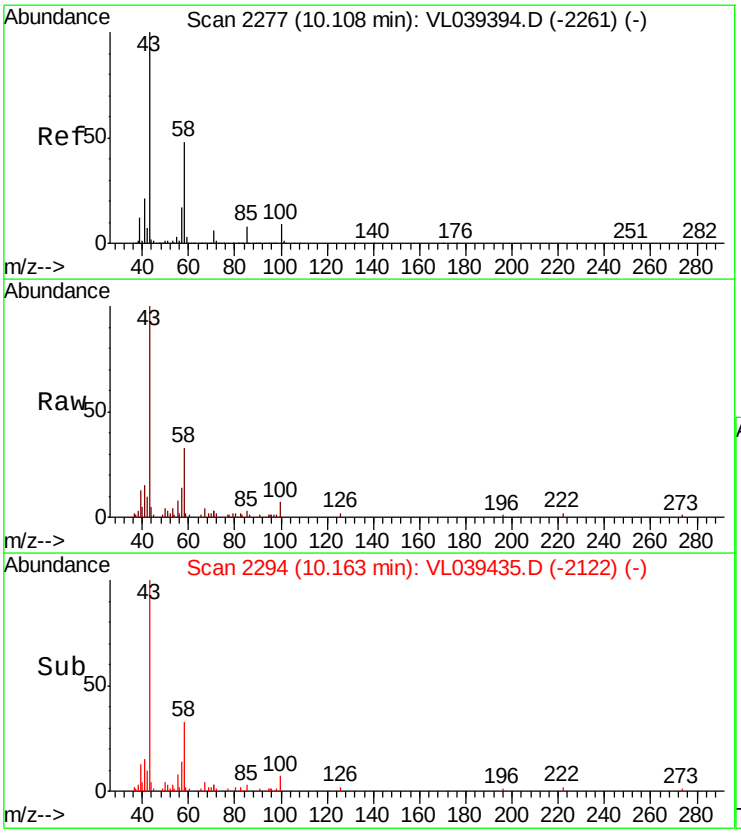
#50
4-Methyl-2-Pentanone
Concen: 0.376 ppbv
RT: 8.77
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 43 Resp: 89528

Ion	Ratio	Lower	Upper
43	100		
58	39.8	28.8	43.2

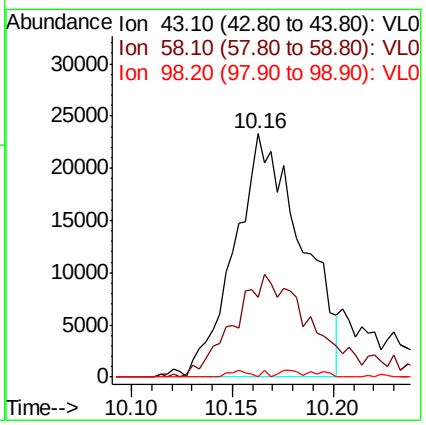


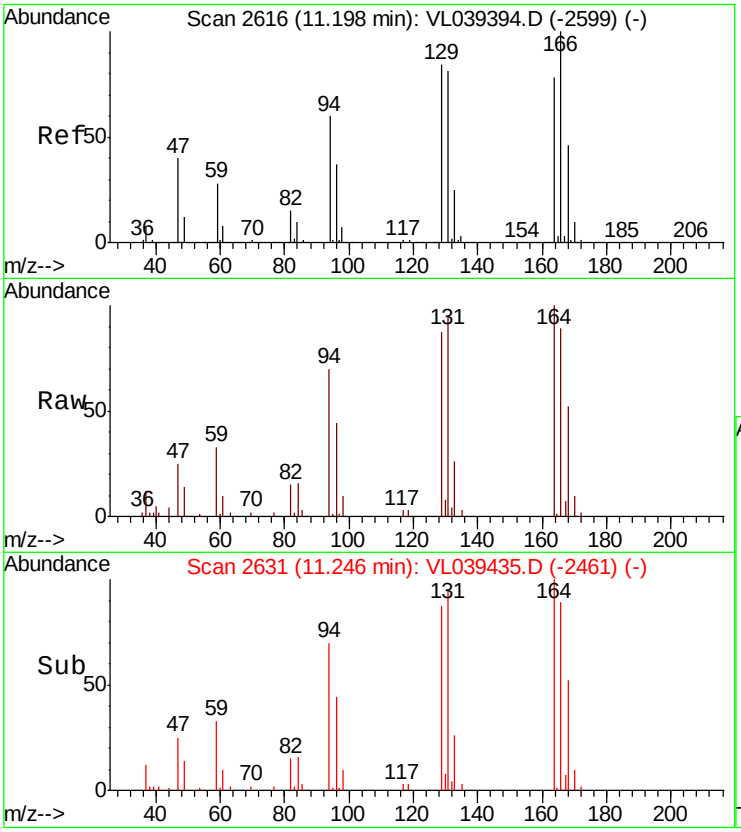


#51
2-Hexanone
Concen: 0.299 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.05 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 43 Resp: 53920

Ion	Ratio	Lower	Upper
43	100		
58	55.2	38.4	57.6
98	1.0	0.3	0.5#



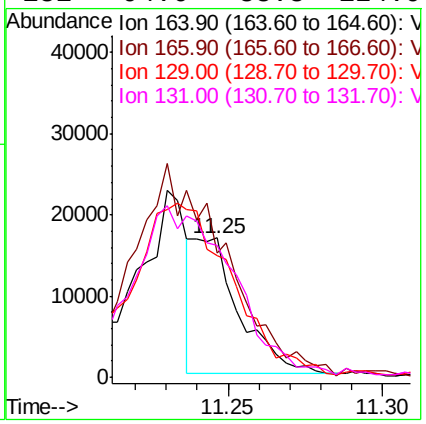


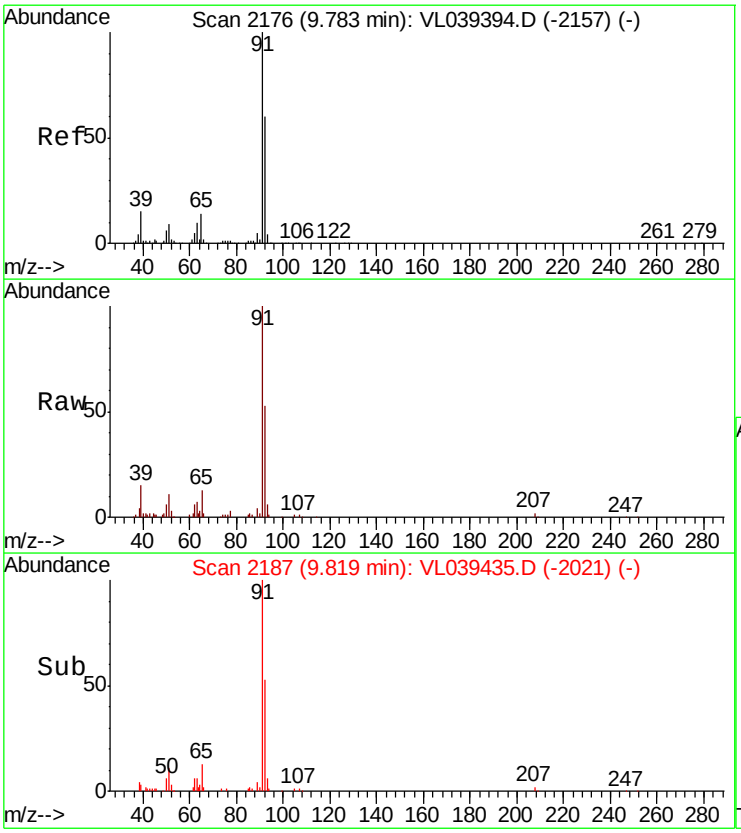
#52
Tetrachloroethene
Concen: 0.177 ppbv
RT: 11.25
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:164 Resp: 17293

Ion	Ratio	Lower	Upper
164	100		
166	90.5	102.2	153.2#
129	87.2	85.8	128.8
131	94.6	83.3	124.9

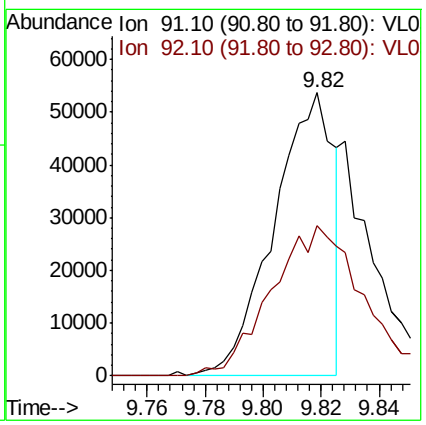


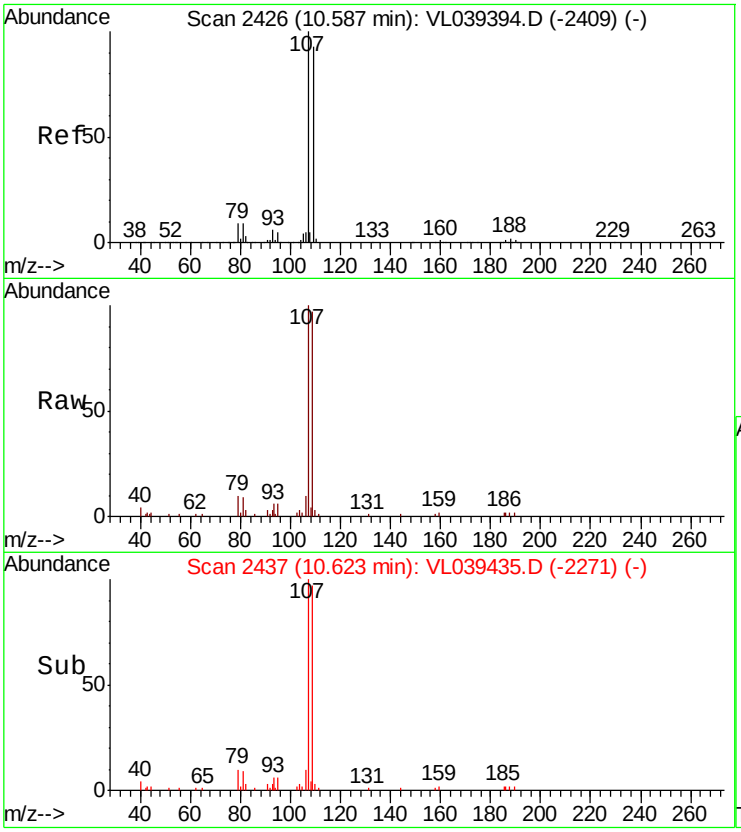


#53
Toluene
Concen: 0.274 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 91 Resp: 76687

Ion	Ratio	Lower	Upper
91	100		
92	85.5	48.2	72.2#



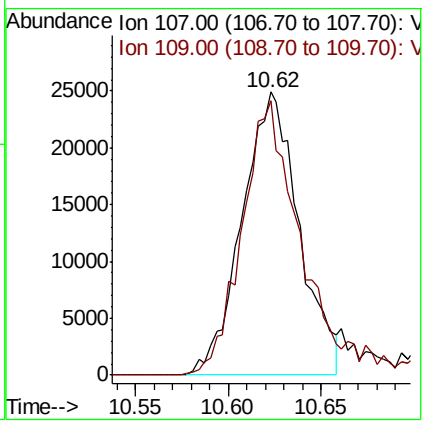


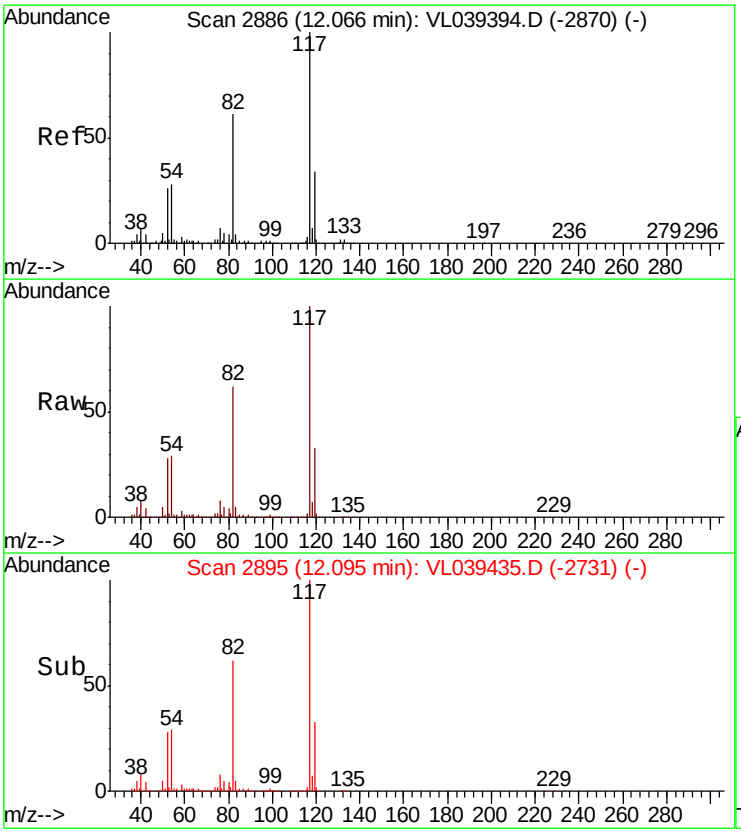
#54
1,2-Dibromoethane
Concen: 0.423 ppbv
RT: 10.62
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:107 Resp: 53492

Ion	Ratio	Lower	Upper
107	100		
109	96.3	74.8	112.2

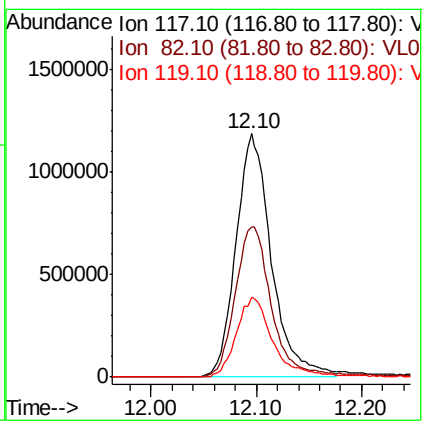


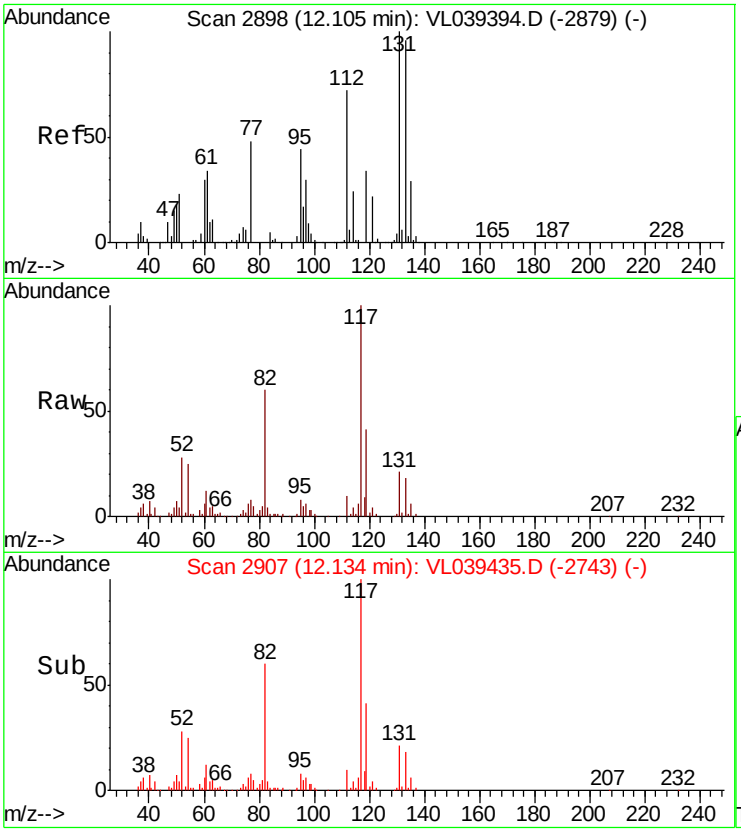


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:117 Resp: 2778266

Ion	Ratio	Lower	Upper
117	100		
82	64.7	50.8	76.2
119	34.6	24.1	36.1



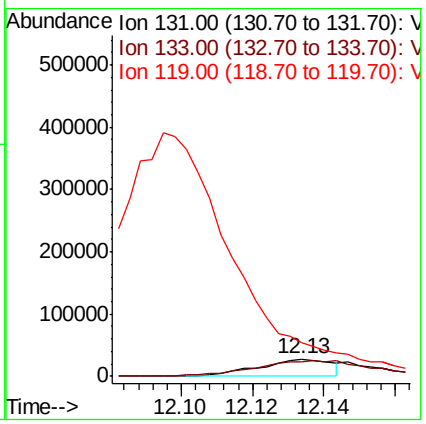


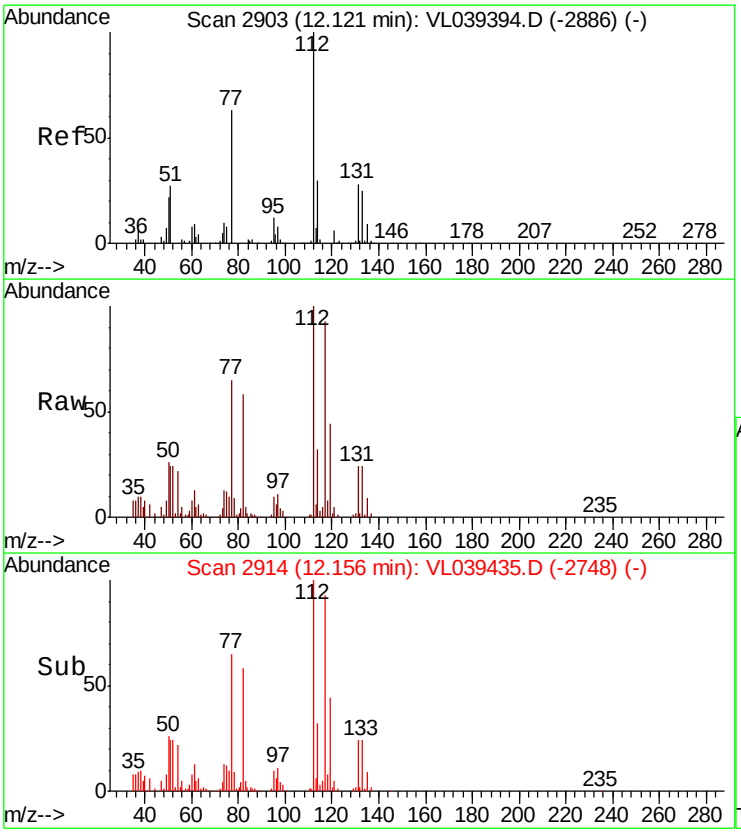
#56
1,1,1,2-Tetrachloroethane
Concen: 0.321 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:131 Resp: 39415

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.8	115.2#
119	0.0	46.2	69.4#

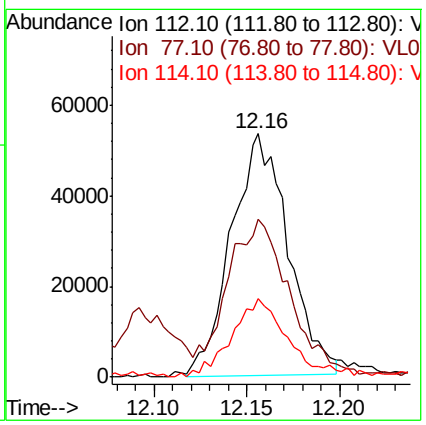


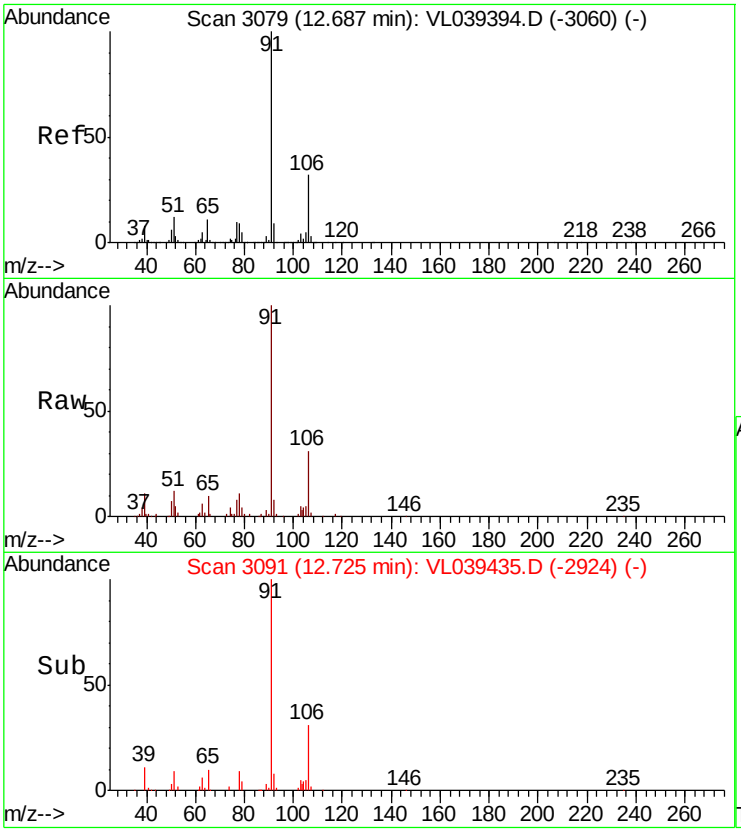


#57
Chlorobenzene
Concen: 0.529 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:112 Resp: 113993

Ion	Ratio	Lower	Upper
112	100		
77	60.5	51.0	76.4
114	32.9	27.5	33.6



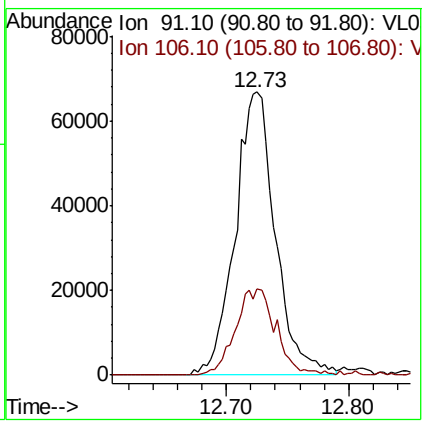


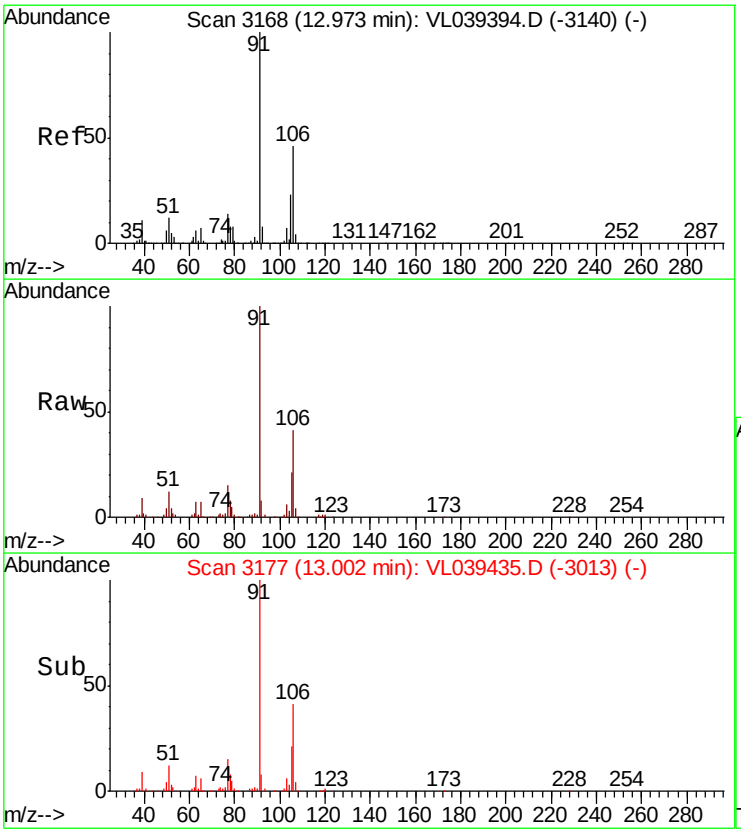
#58
Ethyl Benzene
Concen: 0.423 ppbv
RT: 12.73
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 151583

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.4	38.0

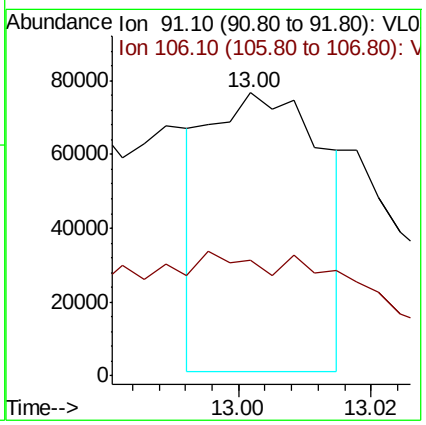


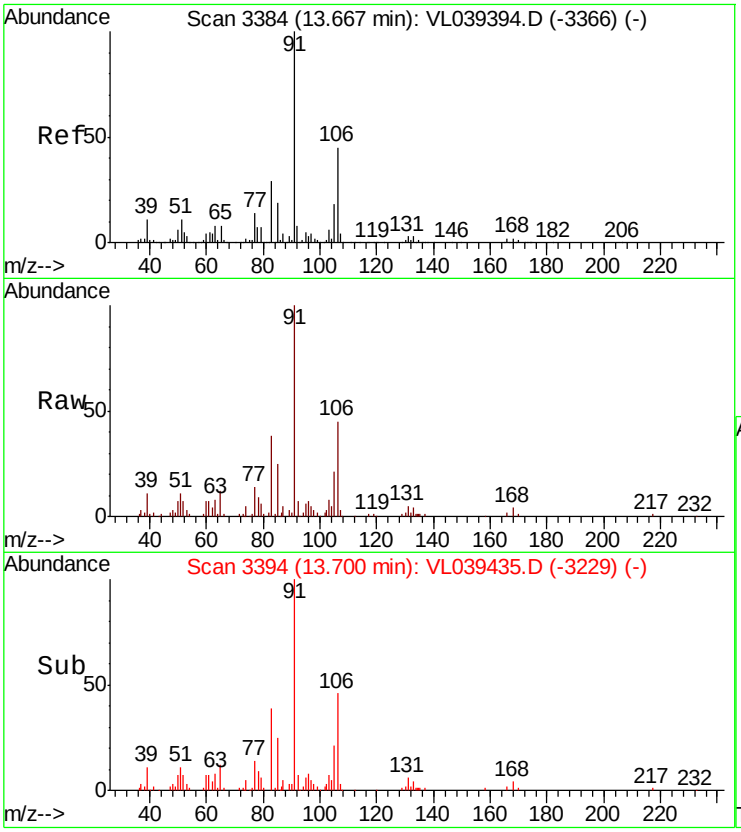


#59
m/p-Xylene
Concen: 0.290 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 91 Resp: 91759

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.4	53.2#



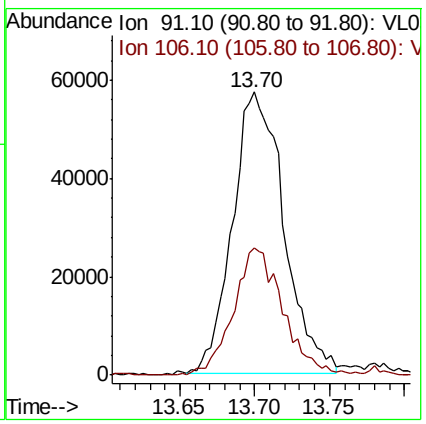


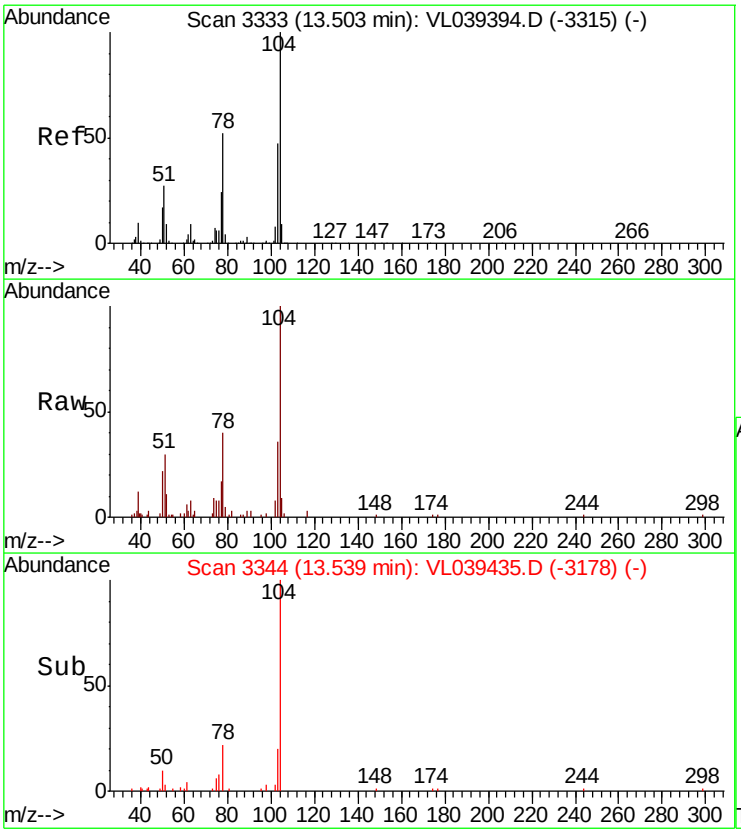
#60
o-Xylene
Concen: 0.455 ppbv
RT: 13.70
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 136133

Ion	Ratio	Lower	Upper
91	100		
106	44.7	22.4	67.3

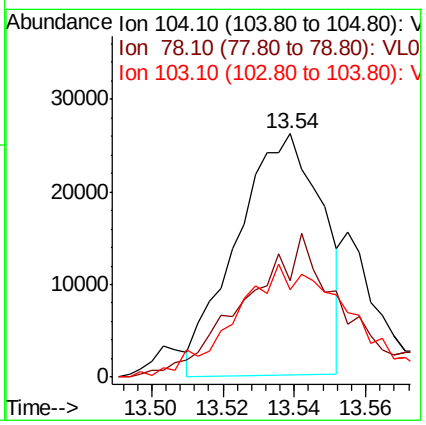


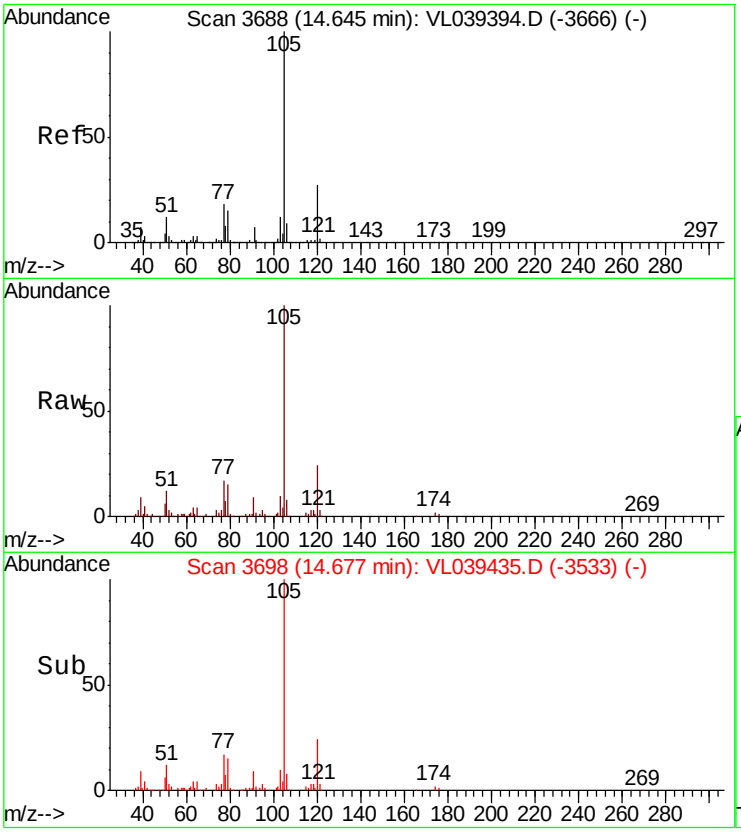


#61
Styrene
Concen: 0.266 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:104 Resp: 43151

Ion	Ratio	Lower	Upper
104	100		
78	73.8	41.2	61.8#
103	66.5	38.7	58.1#



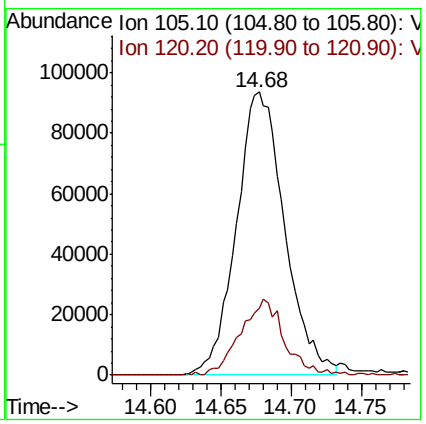


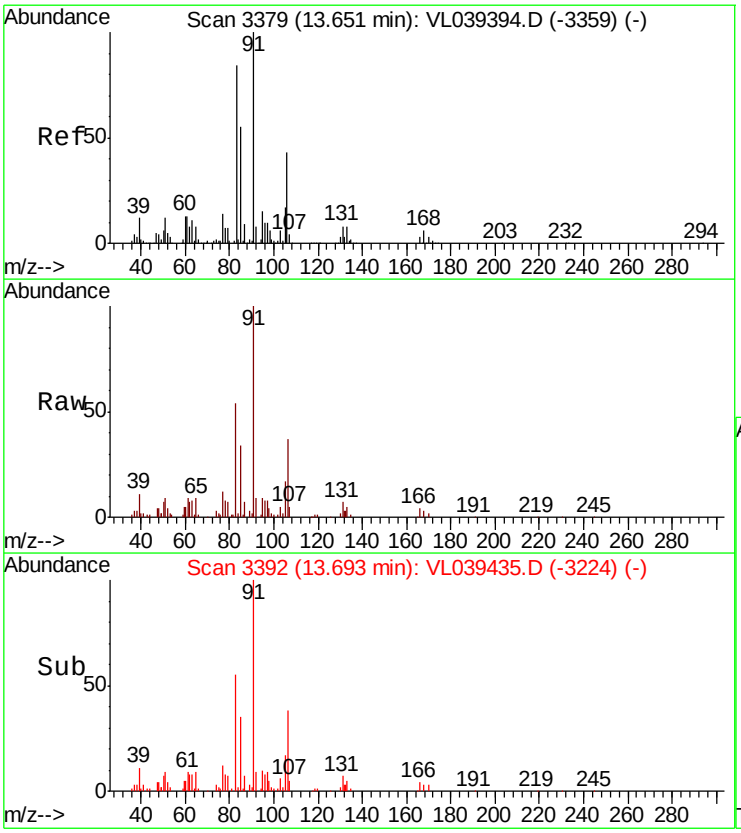
#62
Isopropylbenzene
Concen: 0.492 ppbv
RT: 14.68
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:105 Resp: 224378

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.7	31.1

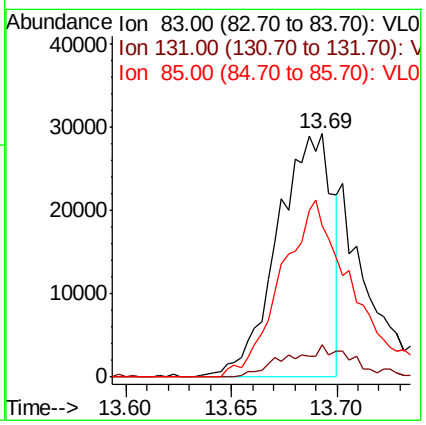


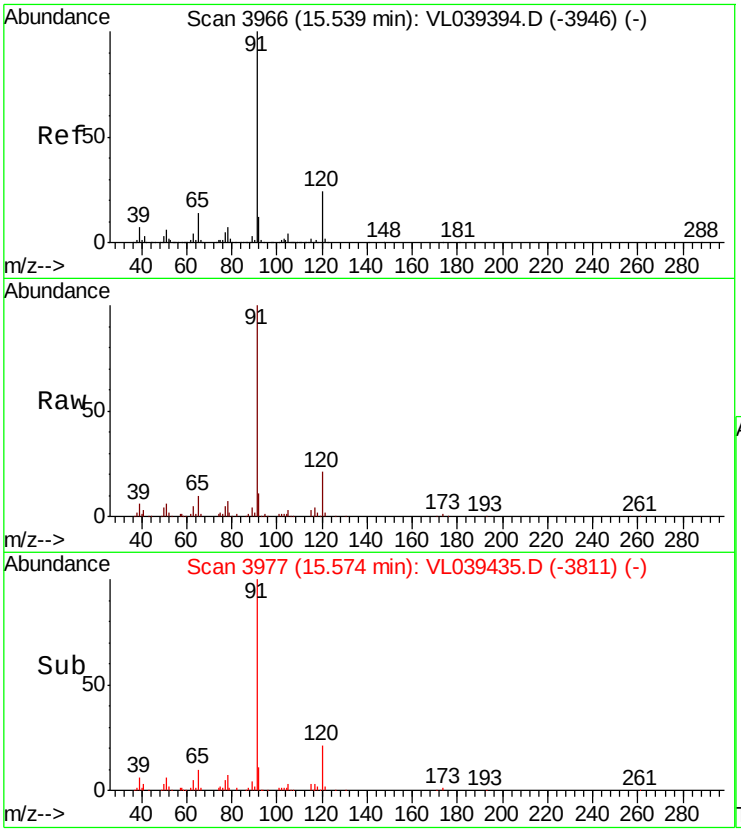


#63
1,1,2,2-Tetrachloroethane
Concen: 0.338 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion: 83 Resp: 52998

Ion	Ratio	Lower	Upper
83	100		
131	16.9	5.3	15.8#
85	101.4	33.1	99.5#



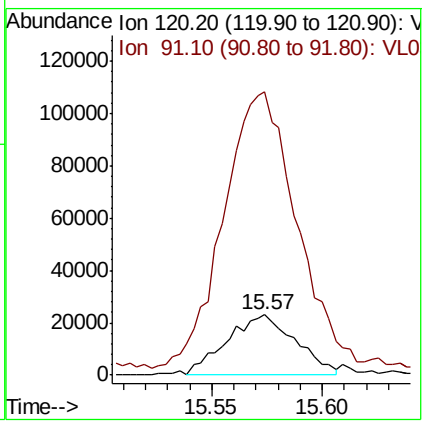


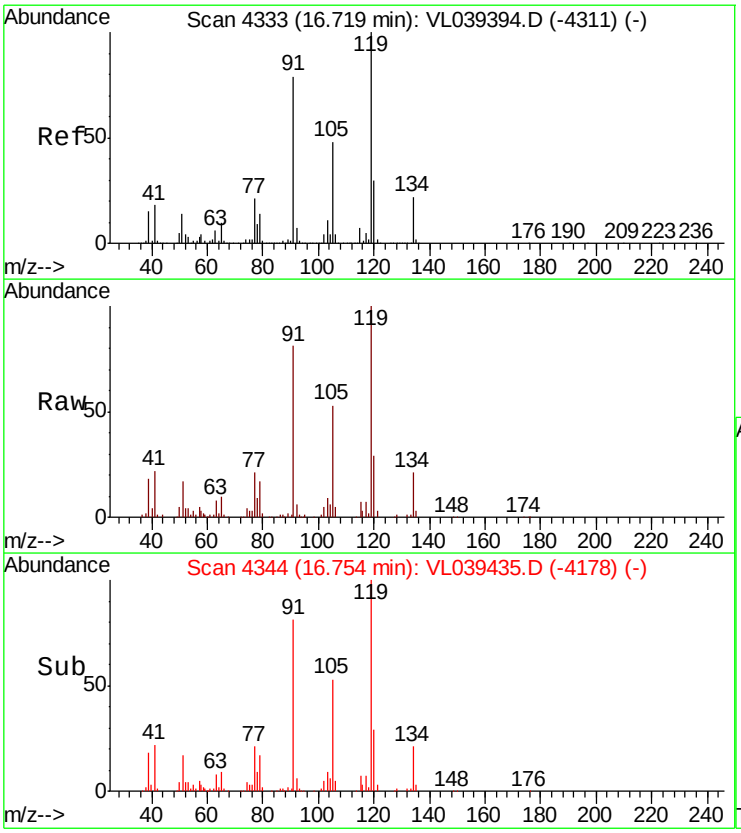
#64
n-propylbenzene
Concen: 0.433 ppbv
RT: 15.57
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:120 Resp: 50098

Ion	Ratio	Lower	Upper
120	100		
91	548.5	367.2	550.8

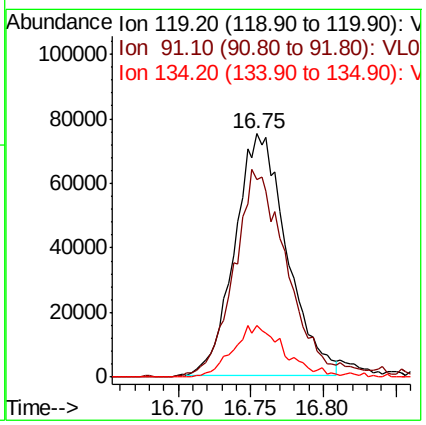


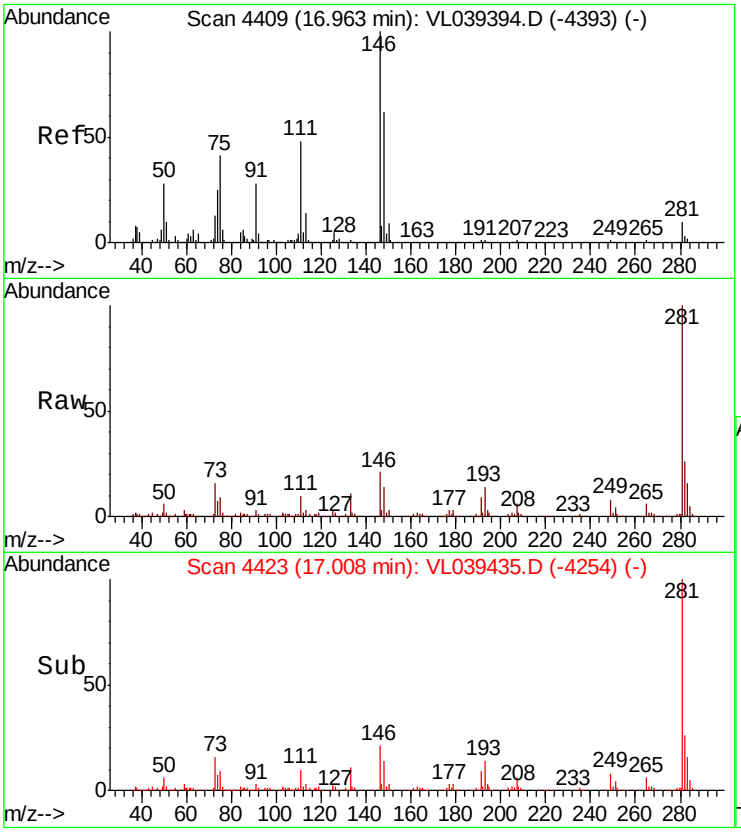


#65
tert-Butylbenzene
Concen: 0.444 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:119 Resp: 187284

Ion	Ratio	Lower	Upper
119	100		
91	90.8	63.4	95.2
134	21.8	15.9	23.9



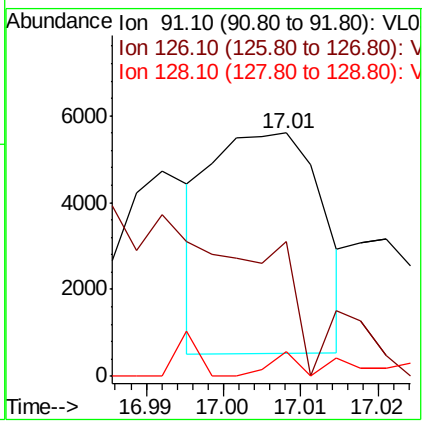


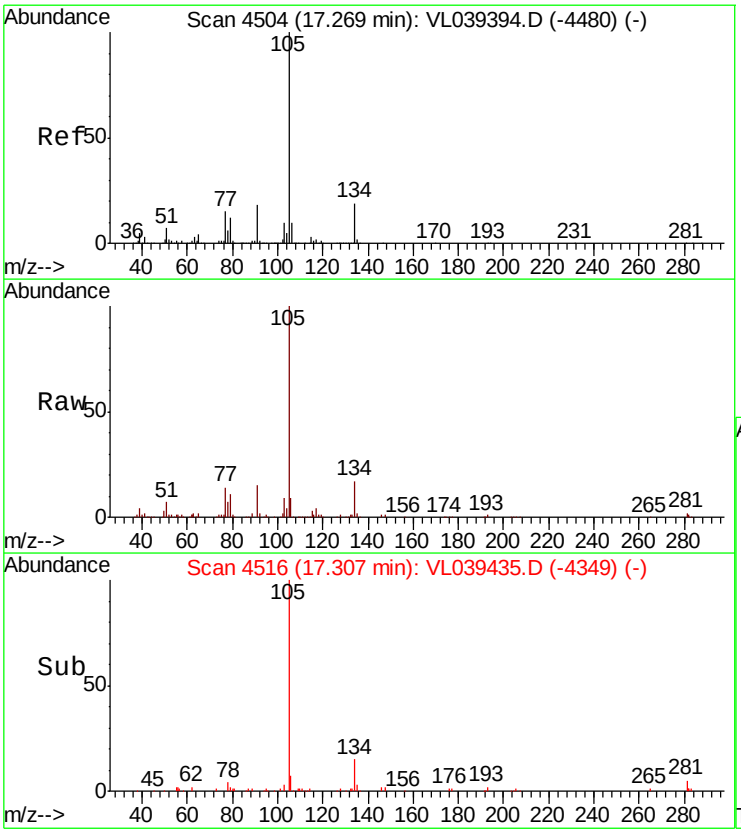
#66
Benzyl Chloride
Concen: 0.126 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 5052

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.1	19.7#
128	0.0	4.4	6.6#

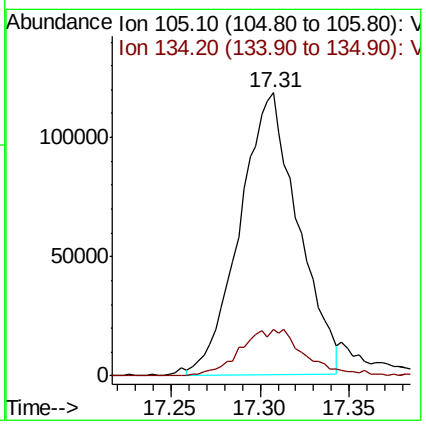


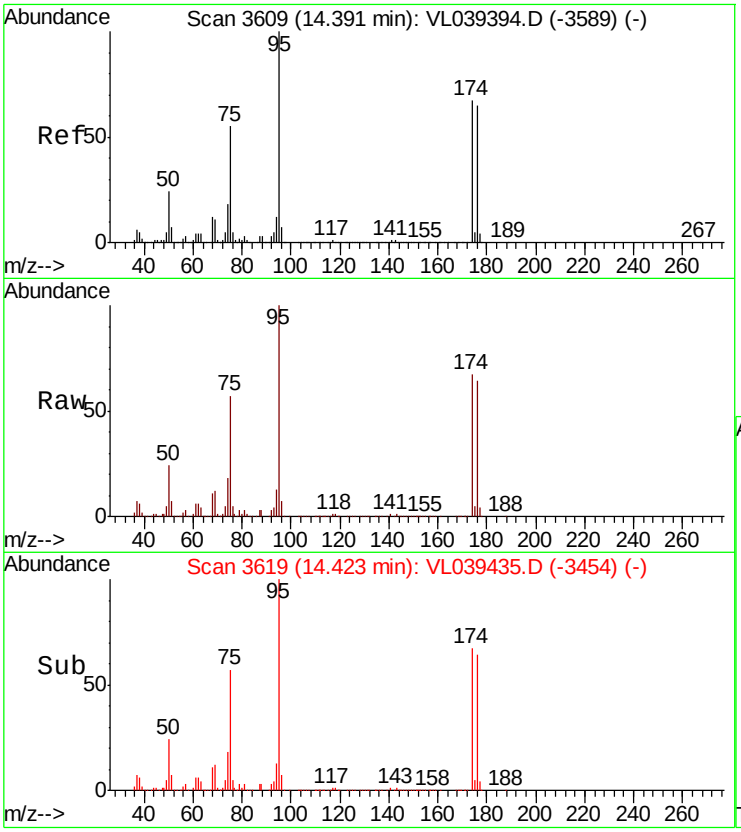


#67
sec-Butylbenzene
Concen: 0.473 ppbv
RT: 17.31 min Scan# 4516
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:105 Resp: 268621

Ion	Ratio	Lower	Upper
105	100		
134	18.8	14.8	22.2



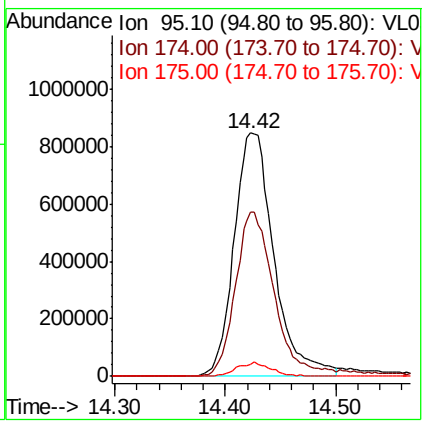


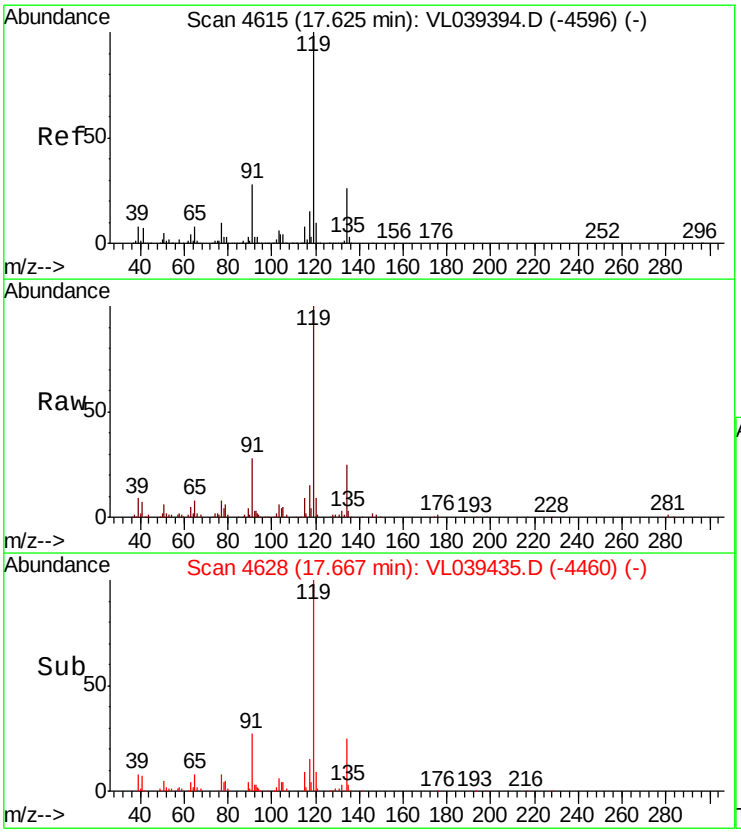
#68
1-Bromo-4-Fluorobenzene
Concen: 10.301 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 95 Resp: 2123088

Ion	Ratio	Lower	Upper
95	100		
174	69.5	55.9	83.9
175	5.3	4.2	6.4

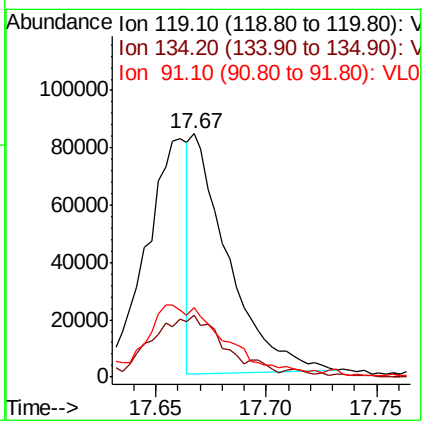


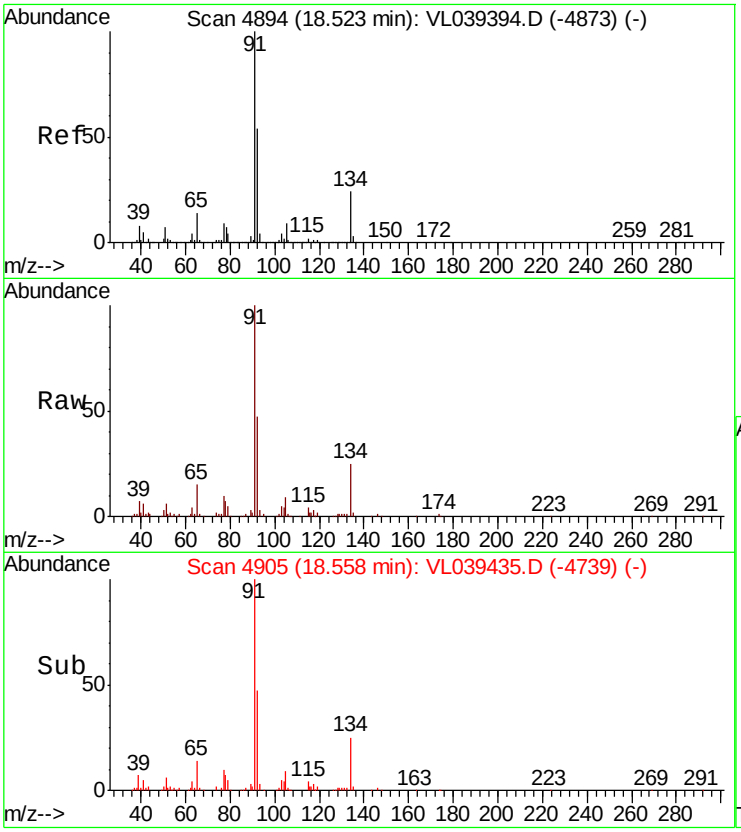


#69
p-Isopropyltoluene
Concen: 0.204 ppbv
RT: 17.67 min Scan# 4628
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:119 Resp: 98162

Ion	Ratio	Lower	Upper
119	100		
134	55.6	20.3	30.5#
91	0.0	22.9	34.3#



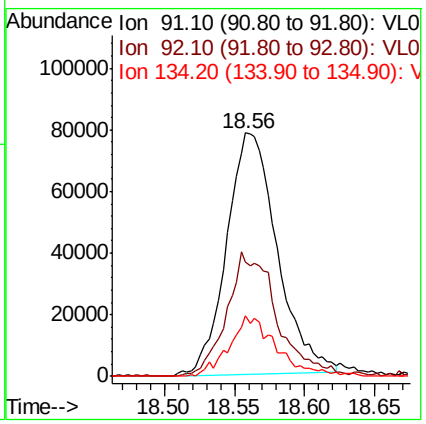


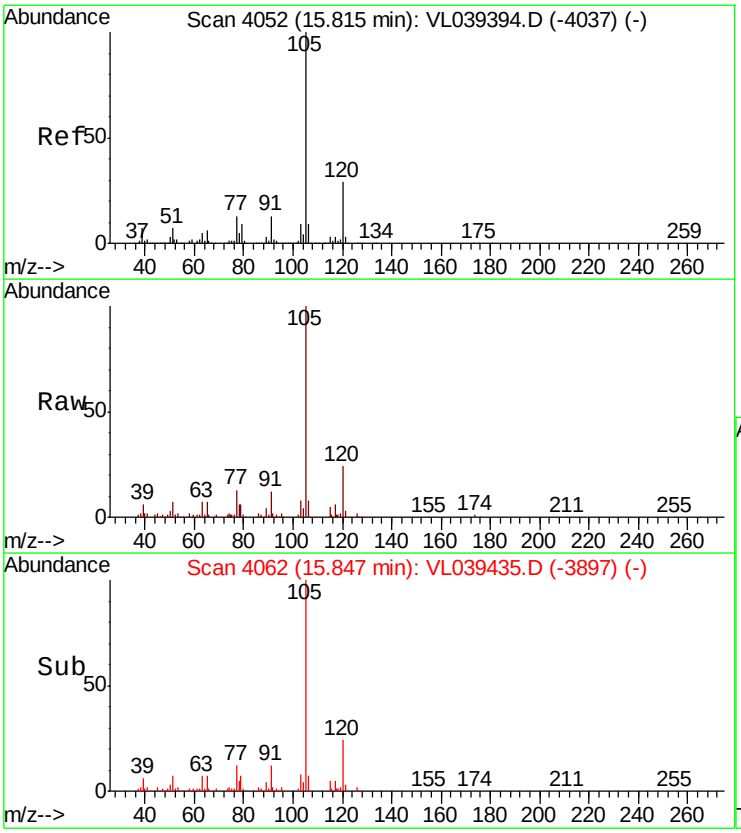
#70
n-Butylbenzene
Concen: 0.420 ppbv
RT: 18.56
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion: 91 Resp: 196170

Ion	Ratio	Lower	Upper
91	100		
92	51.5	43.4	65.2
134	23.7	18.9	28.3

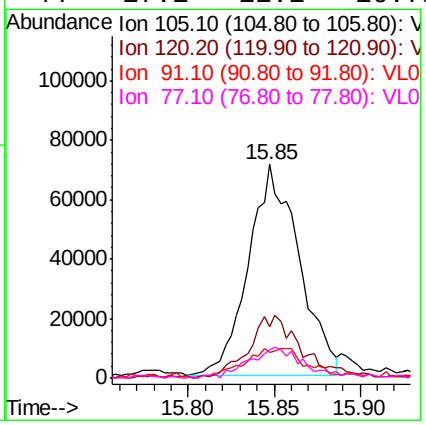


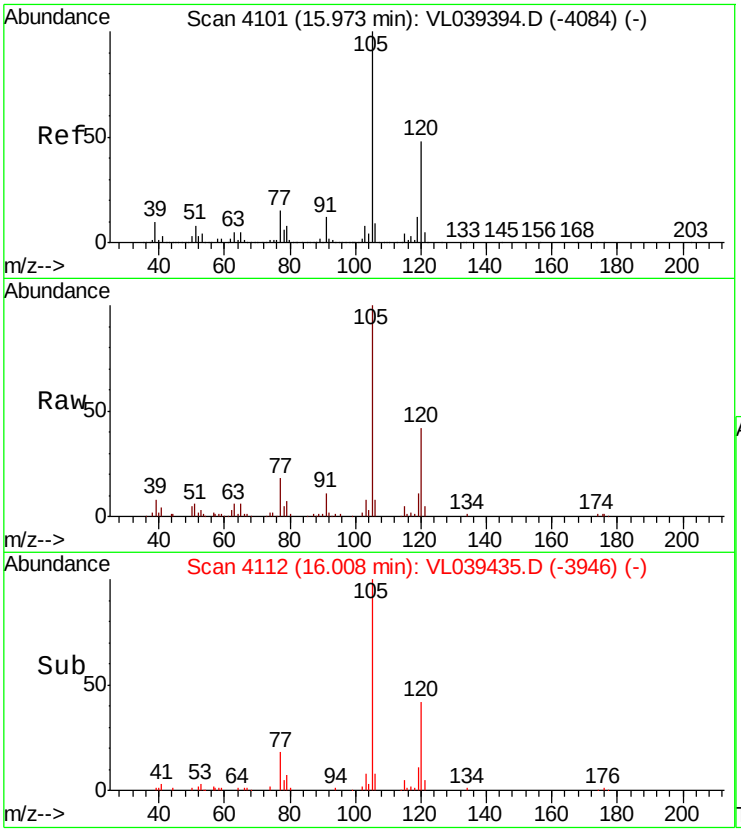


#72
4-Ethyltoluene
Concen: 0.414 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:105 Resp: 145676

Ion	Ratio	Lower	Upper
105	100		
120	31.4	24.2	36.2
91	18.7	10.2	15.4#
77	17.1	11.1	16.7#



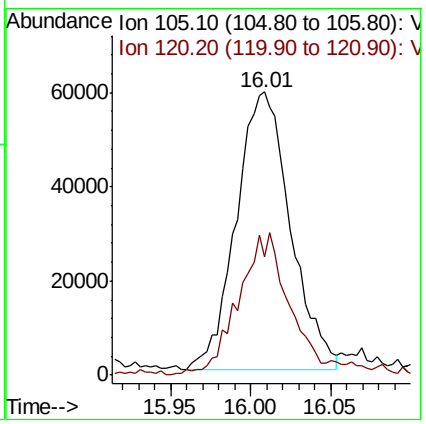


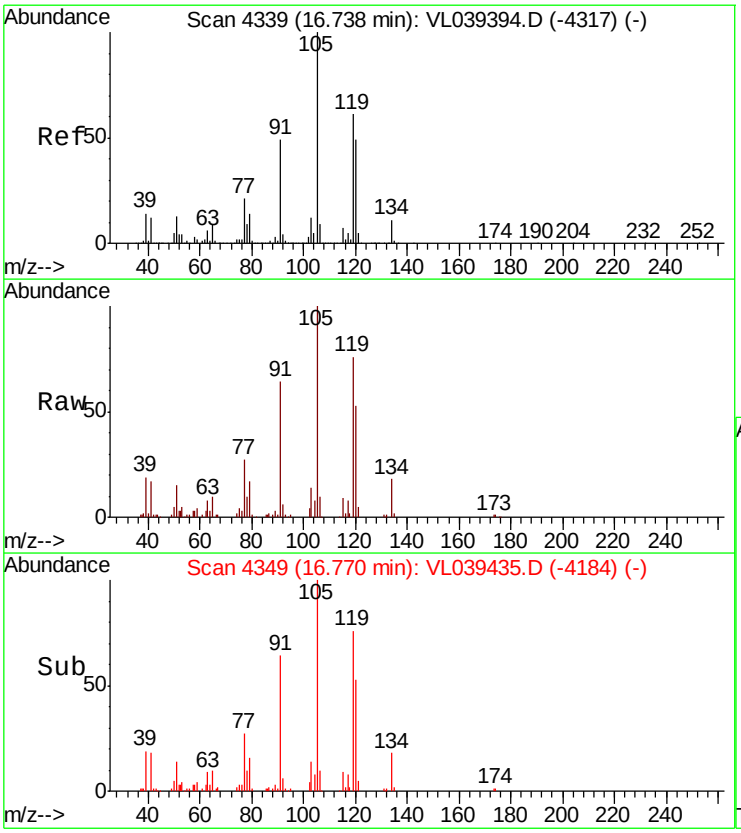
#73
1,3,5-Trimethylbenzene
Concen: 0.427 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:105 Resp: 137974

Ion	Ratio	Lower	Upper
105	100		
120	40.5	38.2	57.4

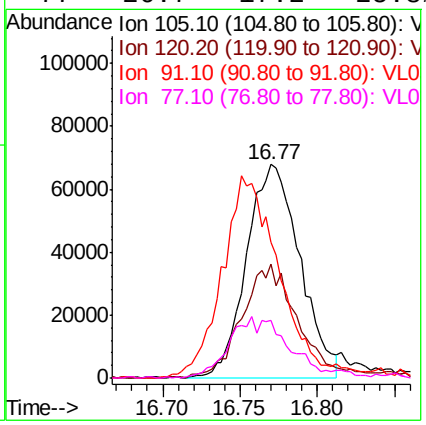


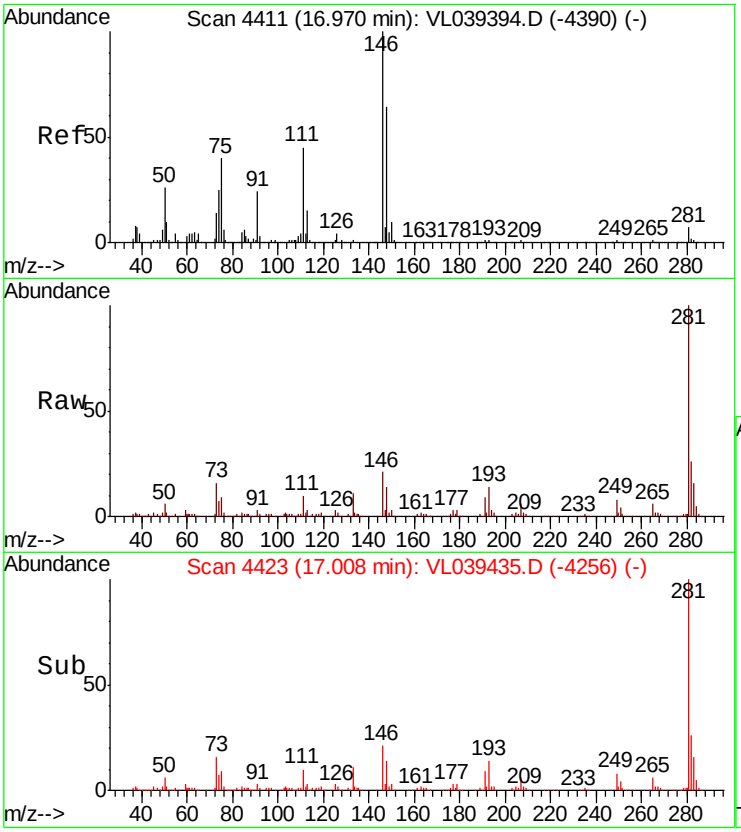


#74
1,2,4-Trimethylbenzene
Concen: 0.456 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.03 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:105 Resp: 163177

Ion	Ratio	Lower	Upper
105	100		
120	53.4	39.5	59.3
91	58.4	39.2	58.8
77	26.7	17.2	25.8#



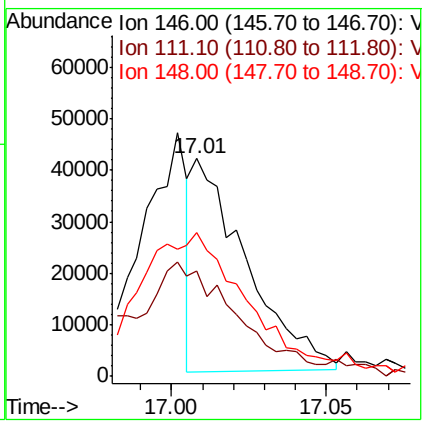


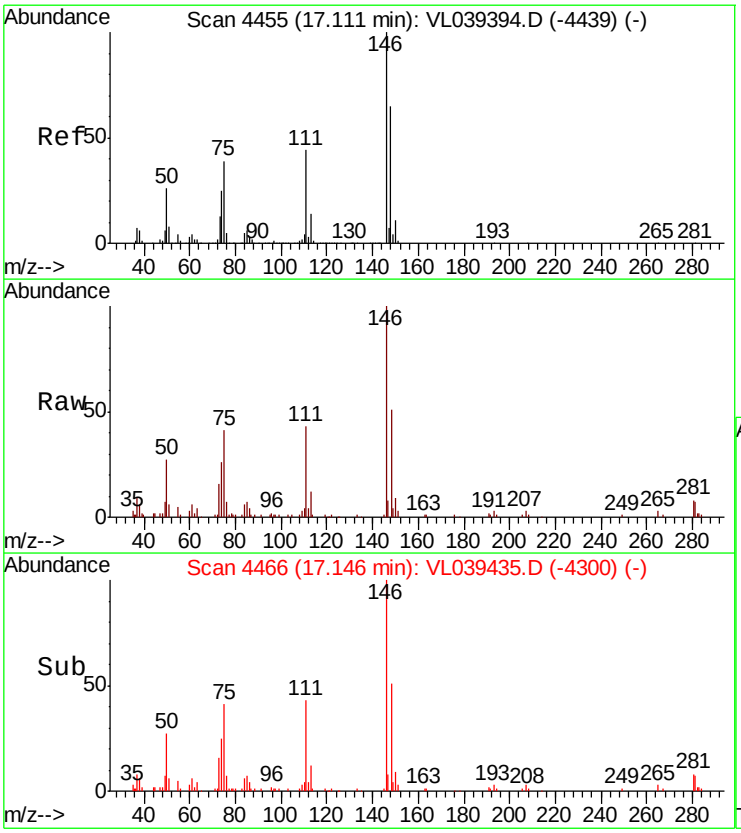
#75
1,3-Dichlorobenzene
Concen: 0.231 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:146 Resp: 49381

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.7#
148	151.0	32.1	96.5#

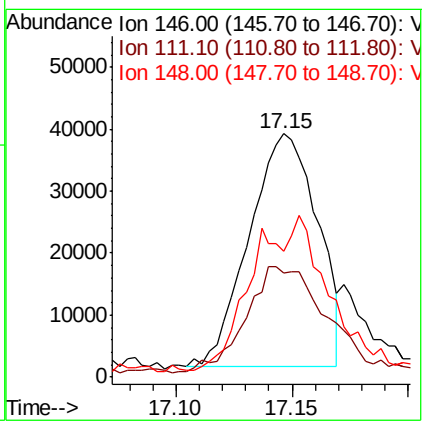


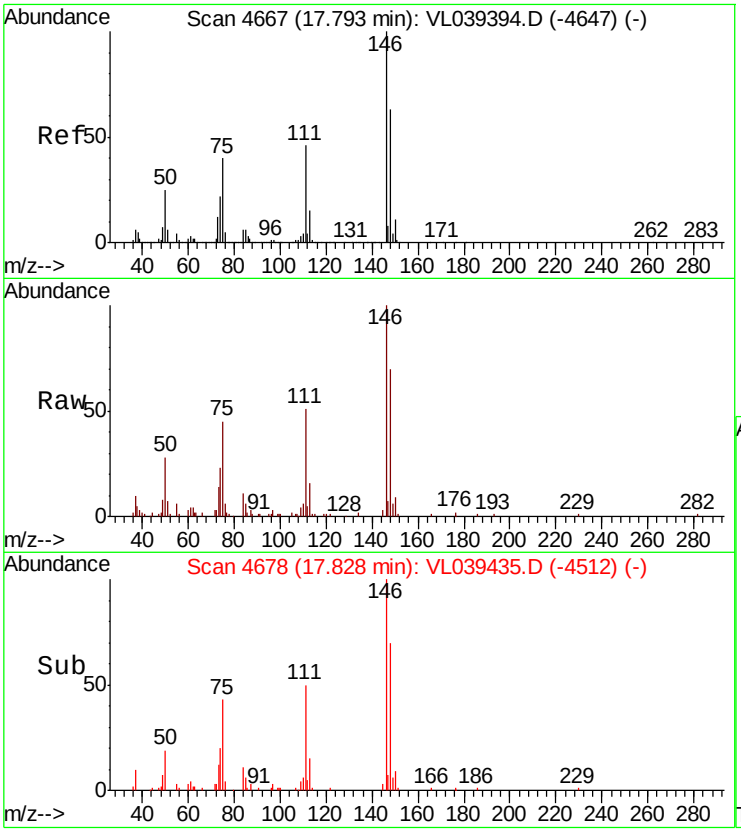


#76
1,4-Dichlorobenzene
Concen: 0.364 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. 0.04 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:146 Resp: 77084

Ion	Ratio	Lower	Upper
146	100		
111	61.5	22.9	68.8
148	85.6	33.6	100.8



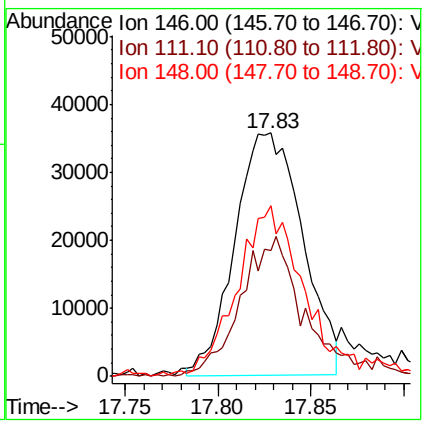


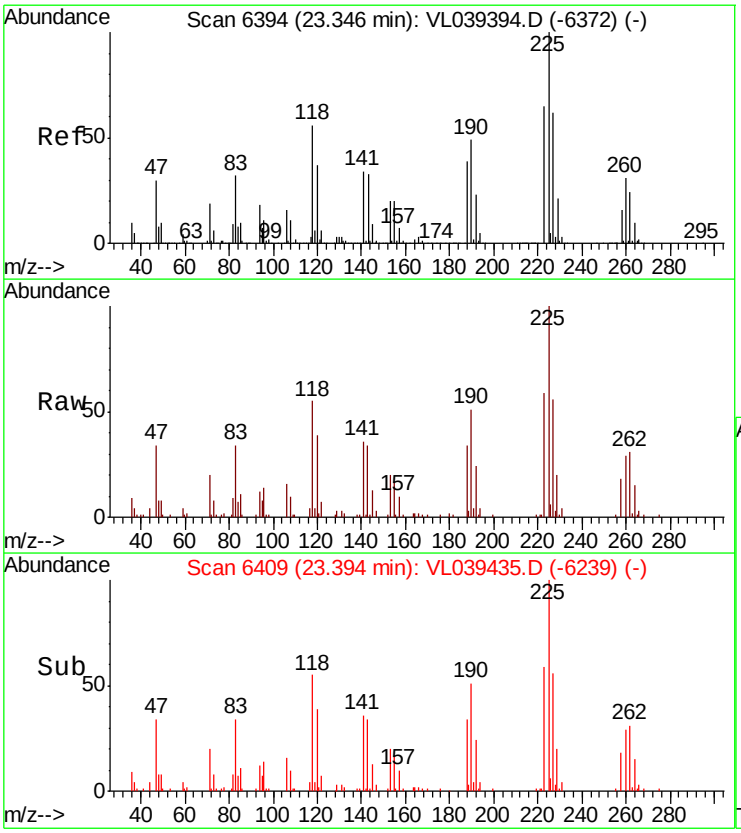
#77
1,2-Dichlorobenzene
Concen: 0.429 ppbv
RT: 17.83
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:146 Resp: 90716

Ion	Ratio	Lower	Upper
146	100		
111	55.2	23.8	71.5
148	74.1	32.3	96.8

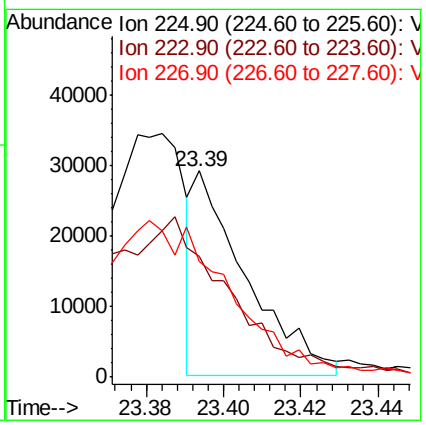


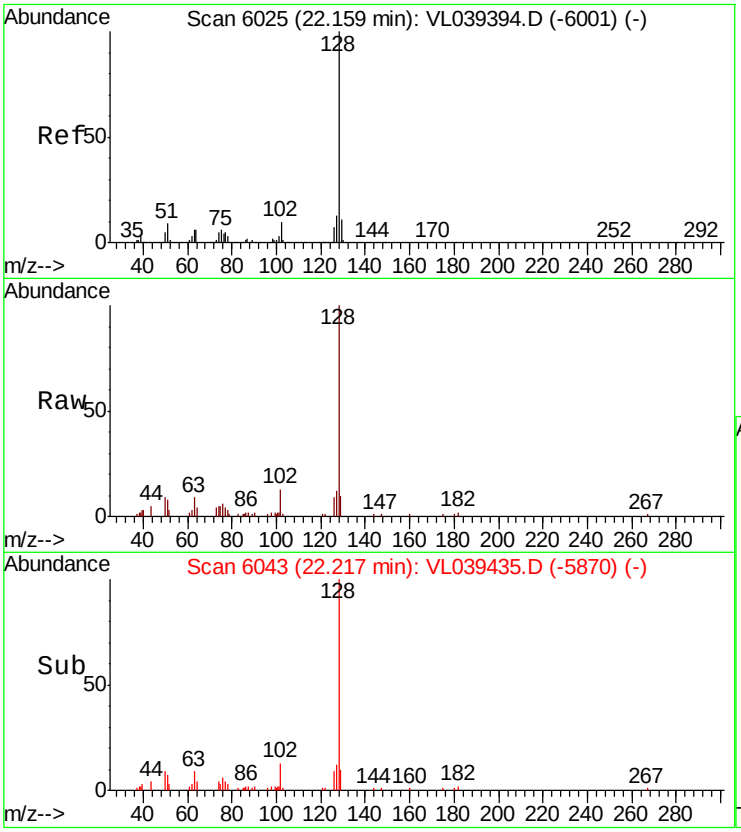


#78
Hexachloro-1,3-Butadiene
Concen: 0.160 ppbv
RT: 23.39 min Scan# 6409
Delta R.T. 0.05 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:225 Resp: 27236

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.8	77.6#
227	0.0	51.4	77.2#



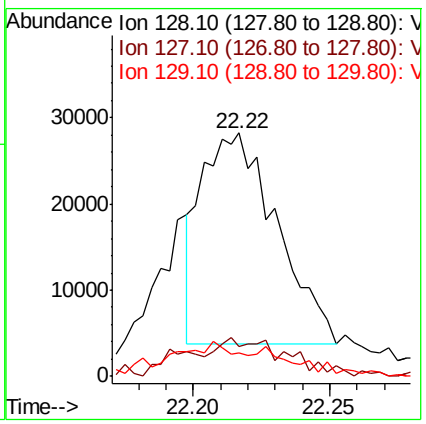


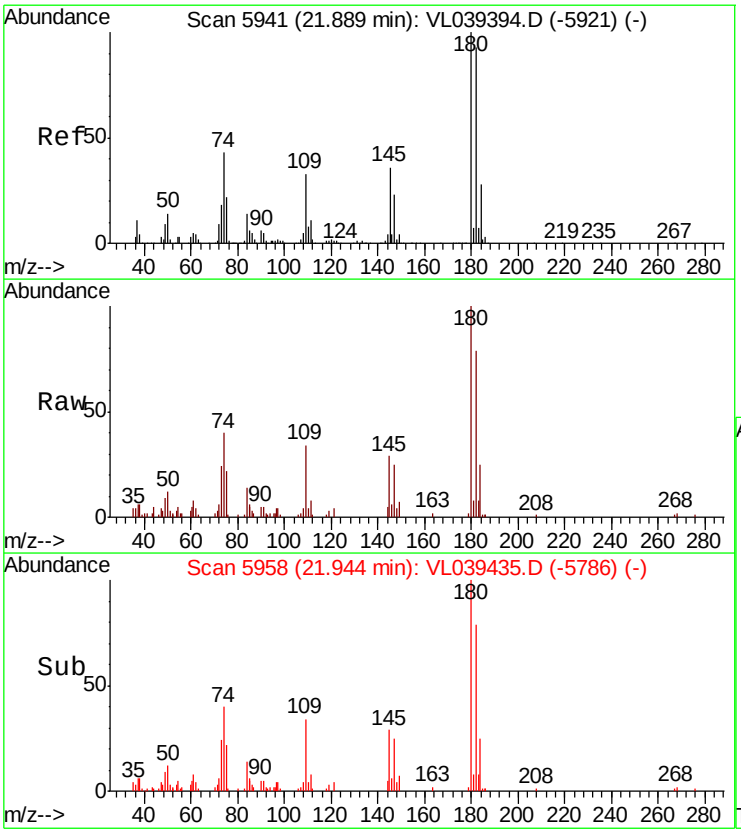
#79
Naphthalene
Concen: 0.189 ppbv
RT: 22.22
Delta R.T
Lab File:
Acq: 6 Jul 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022

Tgt Ion:128 Resp: 46528

Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.6	15.8#
129	9.4	8.8	13.2





#81
1,2,4-Trichlorobenzene
Concen: 0.220 ppbv
RT: 21.94 min Scan# 5958
Delta R.T. 0.05 min
Lab File: VL039435.D
Acq: 6 Jul 2022 1:45

Tgt Ion:180 Resp: 35303

Ion	Ratio	Lower	Upper
180	100		
182	177.1	77.1	115.7#
184	52.7	24.3	36.5#