Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039242.D
Acq On : 8 Jun 2022 19:44
Operator : SY/AP
Sample : N3214-13 0.4 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 09 06:40:40 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	972862	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2286023	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	1930068	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1781784	11.17	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 111.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	105551	0.618	ppbv		97
3) Chlorodifluoromethane	3.00	51	60532	0.489	ppbv		96
4) Chloromethane	3.15	50	16338	0.257	ppbv		98
5) Vinyl Chloride	3.27	62	27013	0.454	ppbv	#	73
6) Bromomethane	3.49	94	11065	0.378	ppbv	#	61
7) Chloroethane	3.57	64	6772	0.327	ppbv	#	69
8) Dichlorotetrafluoroethane	3.20	85	76168	0.488	ppbv		94
9) Propene	3.02	41	9131	0.169	ppbv	#	15
10) Heptane	8.12	43	15012	0.119	ppbv	#	26
11) Trichlorofluoromethane	3.96	101	92190	0.596	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.50	101	62886	0.615	ppbv		95
13) Ethanol	3.60	45	157	0.053	ppbv	#	100
14) Bromoethene	3.75	108	22870	0.497	ppbv	#	92
15) Acetone	3.87	43	33222	0.328	ppbv	#	40
16) 1,3-Butadiene	3.33	39	12624	0.232	ppbv	#	8
17) tert-Butyl alcohol	4.32	59	25993	0.331	ppbv	#	63
18) 1,1-Dichloroethene	4.30	96	27240	0.594	ppbv	#	93
20) Methylene Chloride	4.35	84	29219	0.684	ppbv	#	84
21) Allyl Chloride	4.42	41	35422	0.518	ppbv	#	78
22) trans-1,2-Dichloroethene	4.90	96	24425	0.553	ppbv	#	73
23) Vinyl Acetate	5.09	43	35042	0.418	ppbv	#	94
24) 1,1-Dichloroethane	5.02	63	56671	0.493	ppbv		96
25) Ethyl Acetate	5.69	43	77296	0.338	ppbv	#	94
26) Hexane	5.70	57	35664	0.355	ppbv	#	82
27) Carbon Disulfide	4.56	76	42509	0.409	ppbv	#	70
28) Methyl tert-Butyl Ether	5.06	73	48330	0.436	ppbv		92
29) Chloroform	5.76	83	76515	0.453	ppbv		86
30) Cyclohexane	7.13	84	16668	0.198	ppbv	#	1
31) cis-1,2-Dichloroethene	5.56	61	41283	0.403	ppbv	#	85
32) 1,1,1-Trichloroethane	6.52	97	73069	0.442	ppbv		91
34) 2-Butanone	5.27	43	27306	0.220	ppbv	#	64
35) Carbon Tetrachloride	7.03	117	45126	0.270	ppbv		95
36) Benzene	6.90	78	64790	0.349	ppbv	#	87
37) 1,2-Dichloroethane	6.32	62	52682	0.431	ppbv		98
38) Trichloroethene	7.84	130	20058	0.235	ppbv	#	83
39) 1,2-Dichloropropane	7.62	63	25965	0.352	ppbv	#	77
42) Bromodichloromethane	7.80	83	67537	0.398	ppbv	#	86
43) Methyl Methacrylate	8.03	69	22158	0.307	ppbv	#	75
44) 2,2,4-Trimethylpentane	7.88	57	63157	0.195	ppbv	#	27
45) t-1,3-Dichloropropene	9.29	75	6063	0.081	ppbv		93
47) 1,1,2-Trichloroethane	9.47	97	10892	0.141	ppbv		90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039242.D
Acq On : 8 Jun 2022 19:44
Operator : SY/AP
Sample : N3214-13 0.4 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 09 06:40:40 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)
48) Dibromochloromethane	10.31	129	30223	0.220	ppbv	#	46
50) 4-Methyl-2-Pentanone	8.76	43	23964	0.129	ppbv	#	39
51) 2-Hexanone	10.17	43	37110	0.257	ppbv	#	95
52) Tetrachloroethene	11.22	164	12199	0.168	ppbv		84
53) Toluene	9.81	91	42809	0.200	ppbv	#	52
56) 1,1,1,2-Tetrachloroethane	12.13	131	27116	0.297	ppbv	#	39
57) Chlorobenzene	12.16	112	60739	0.418	ppbv		96
58) Ethyl Benzene	12.72	91	99494	0.374	ppbv		94
59) m/p-Xylene	13.00	91	85998	0.367	ppbv	#	32
60) o-Xylene	13.70	91	92566	0.421	ppbv		91
61) Styrene	13.53	104	24387	0.207	ppbv	#	41
62) Isopropylbenzene	14.67	105	70089	0.214	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.68	83	34250	0.277	ppbv	#	59
64) n-propylbenzene	15.56	120	17897	0.223	ppbv	#	1
65) tert-Butylbenzene	16.75	119	65405	0.219	ppbv	#	18
66) Benzyl Chloride	16.99	91	5093	0.131	ppbv	#	86
67) sec-Butylbenzene	17.30	105	81396	0.200	ppbv	#	59
69) p-Isopropyltoluene	17.66	119	130133	0.378	ppbv	#	89
70) n-Butylbenzene	18.55	91	137632	0.390	ppbv		95
71) 2-Chlorotoluene	15.45	91	32095	0.129	ppbv	#	44
72) 4-Ethyltoluene	15.84	105	52449	0.203	ppbv	#	51
73) 1,3,5-Trimethylbenzene	16.00	105	36896	0.159	ppbv	#	72
74) 1,2,4-Trimethylbenzene	16.77	105	100926	0.389	ppbv	#	85
75) 1,3-Dichlorobenzene	17.00	146	60055	0.409	ppbv		94
76) 1,4-Dichlorobenzene	17.14	146	20512	0.140	ppbv	#	1
77) 1,2-Dichlorobenzene	17.82	146	23942	0.162	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.37	225	40129	0.296	ppbv	#	55
79) Naphthalene	22.19	128	12346	0.062	ppbv	#	92
81) 1,2,4-Trichlorobenzene	21.93	180	21367	0.169	ppbv	#	100

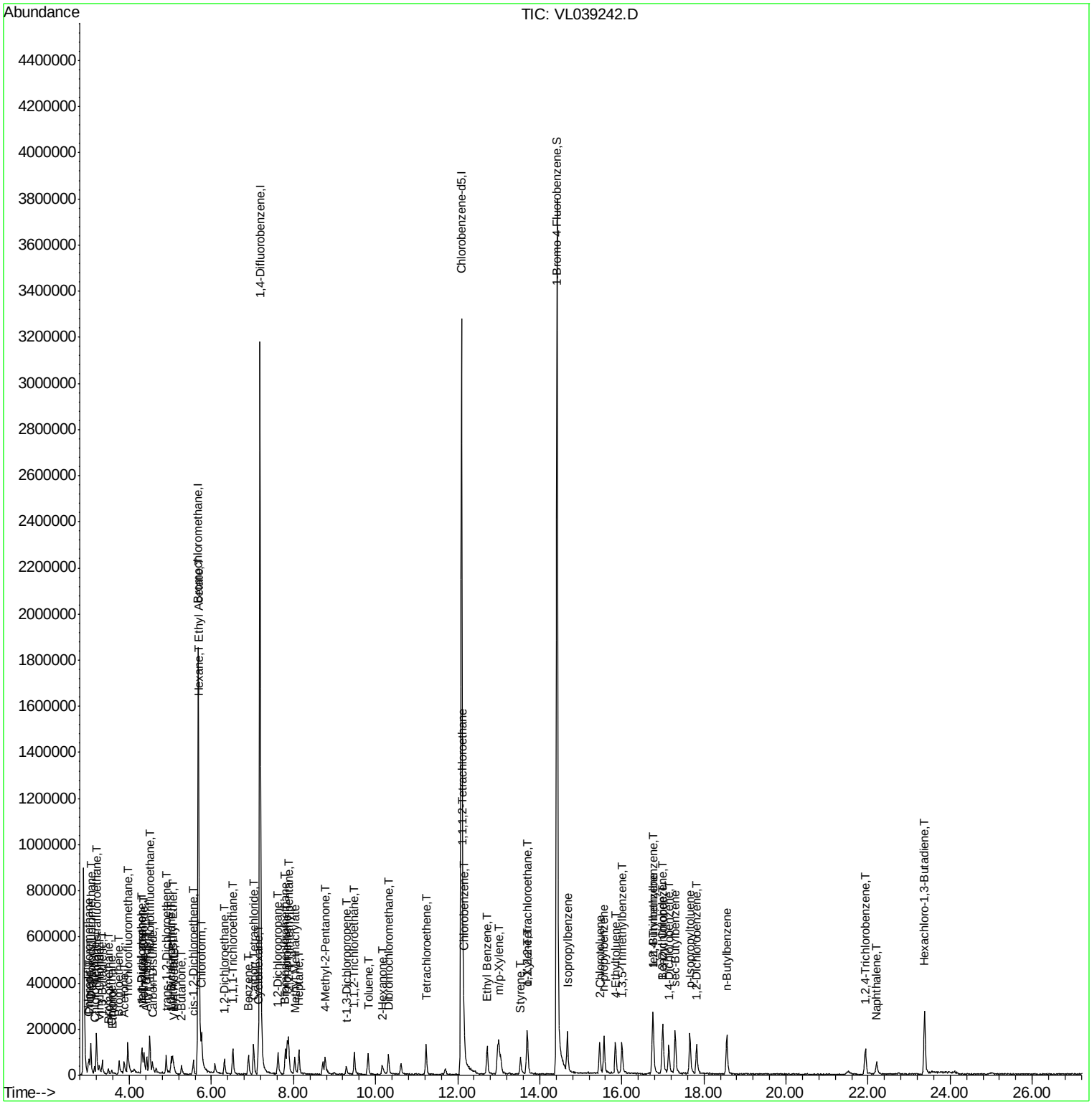
(#) = qualifier out of range (m) = manual integration (+) = signals summed

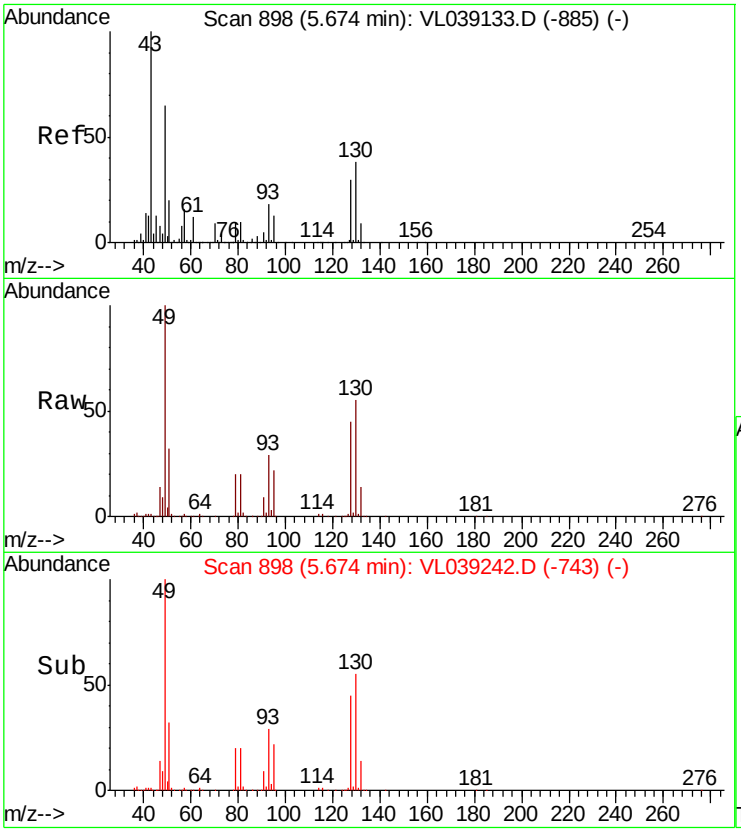
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039242.D
Acq On : 8 Jun 2022 19:44
Operator : SY/AP
Sample : N3214-13 0.4 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 09 06:40:40 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



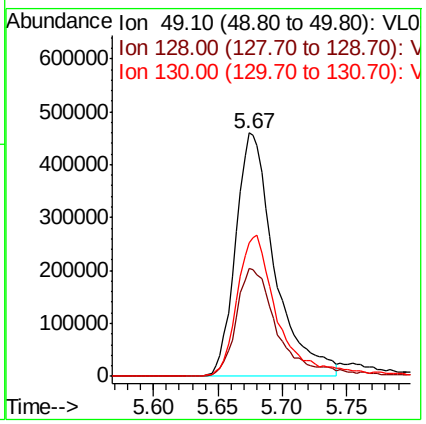


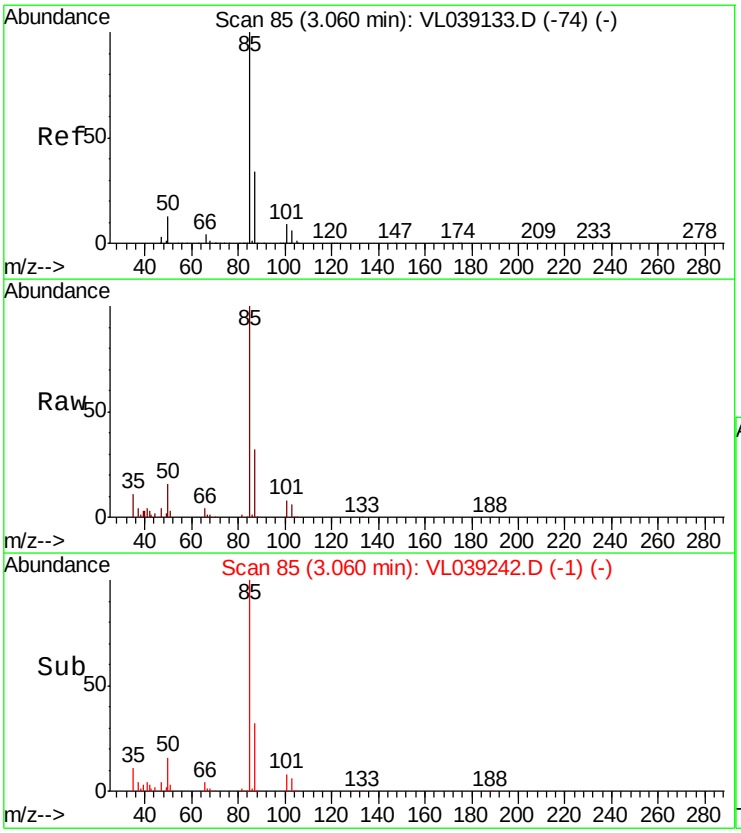
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 49 Resp: 972862

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.7	74.1
130	60.8	31.4	94.0

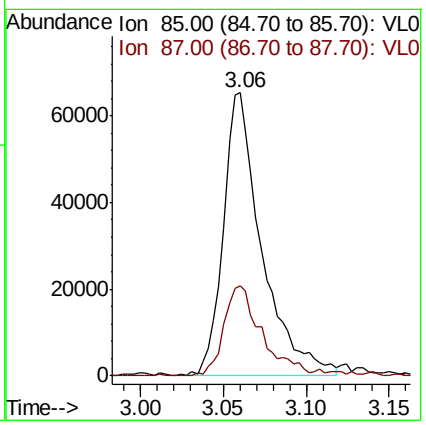


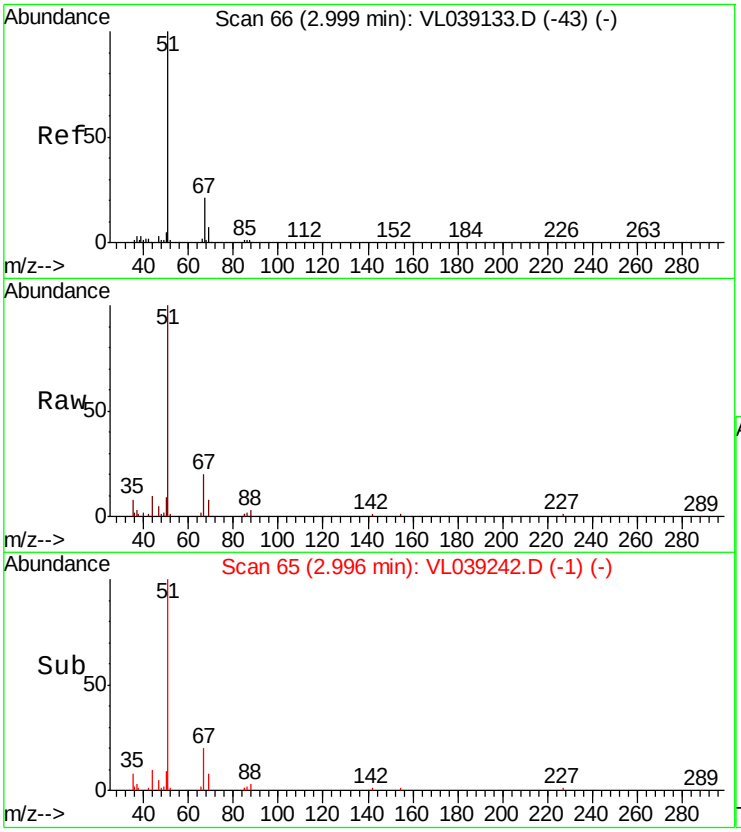


#2
Dichlorodifluoromethane
Concen: 0.618 ppbv
RT: 3.06 min Scan# 85
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 85 Resp: 105551

Ion	Ratio	Lower	Upper
85	100		
87	31.9	26.9	40.3



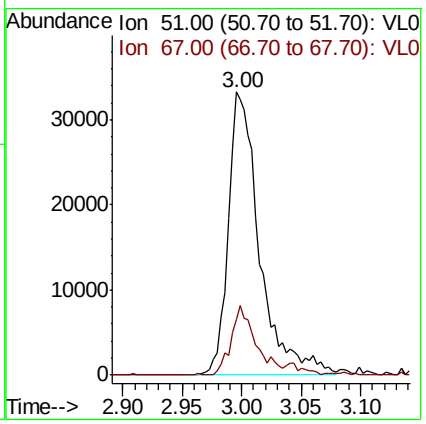


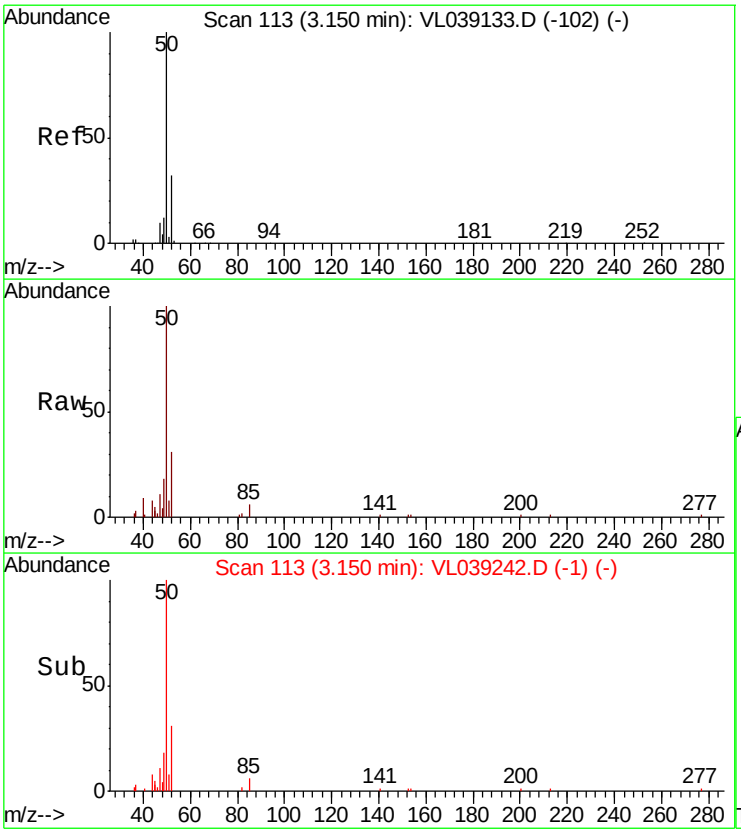
#3
Chlorodifluoromethane
Concen: 0.489 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 51 Resp: 60532

Ion	Ratio	Lower	Upper
51	100		
67	22.4	16.2	24.4

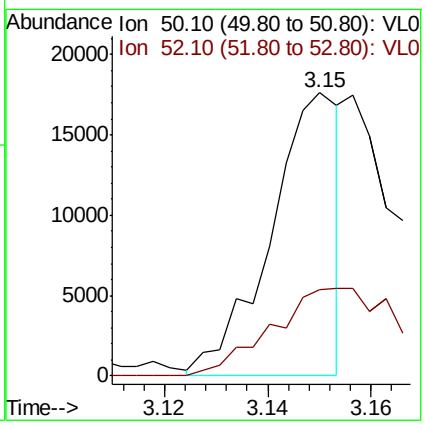


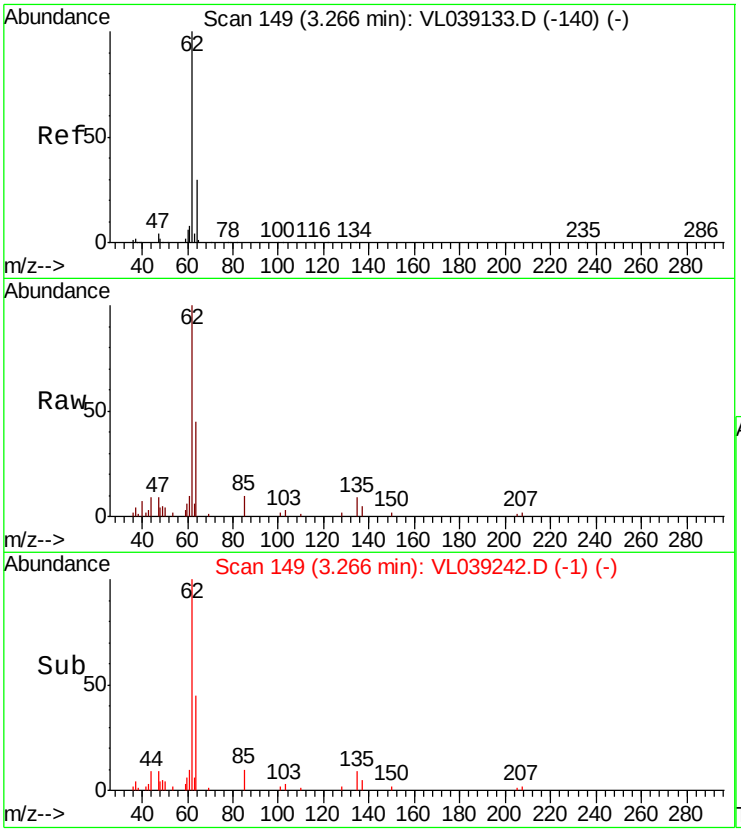


#4
Chloromethane
Concen: 0.257 ppbv
RT: 3.15 min Scan# 113
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 50 Resp: 16338

Ion	Ratio	Lower	Upper
50	100		
52	31.1	25.9	38.9



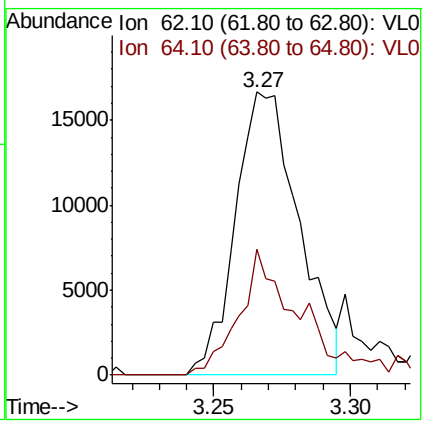


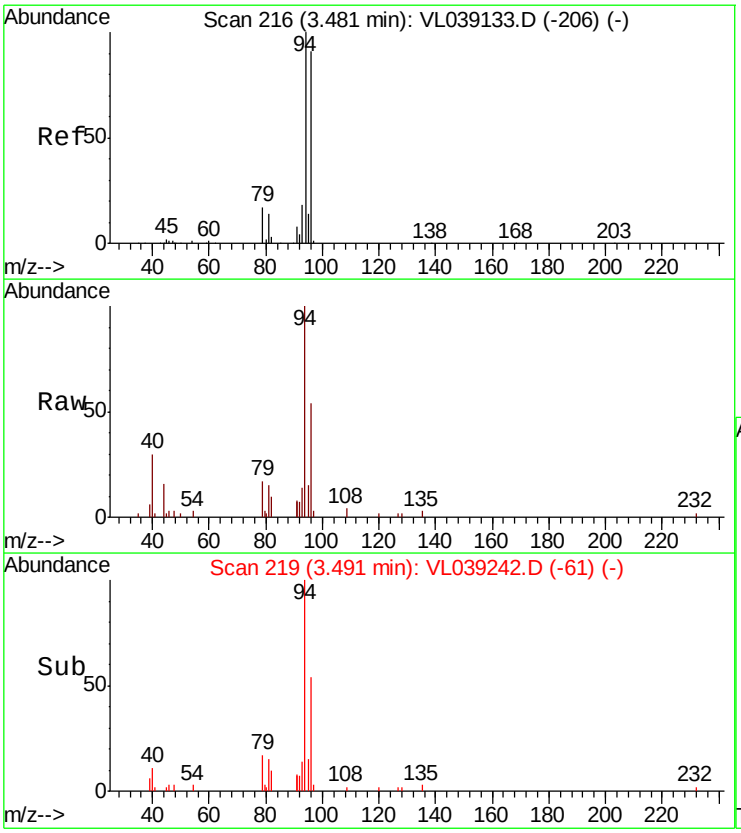
#5
Vinyl Chloride
Concen: 0.454 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 62 Resp: 27013

Ion	Ratio	Lower	Upper
62	100		
64	44.7	24.2	36.2#

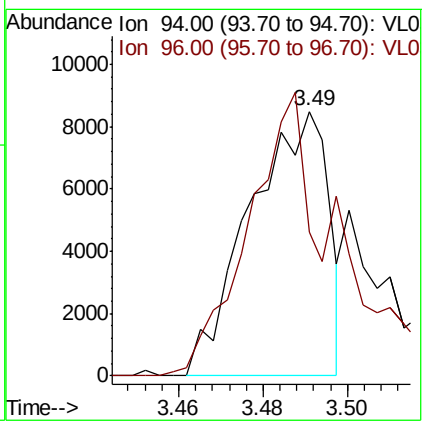


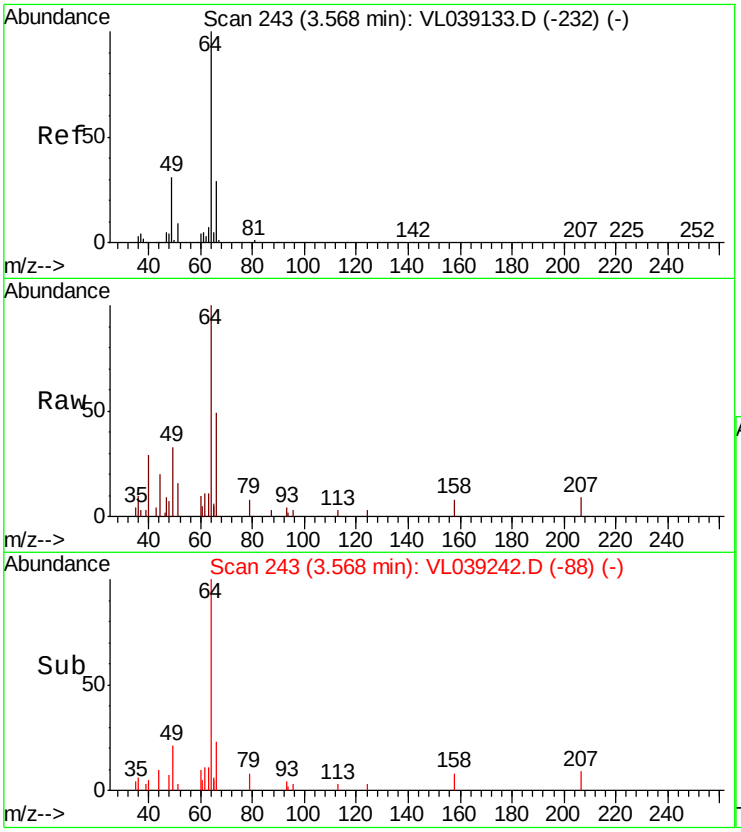


#6
Bromomethane
Concen: 0.378 ppbv
RT: 3.49 min Scan# 219
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 94 Resp: 11065

Ion	Ratio	Lower	Upper
94	100		
96	53.7	73.0	109.4#



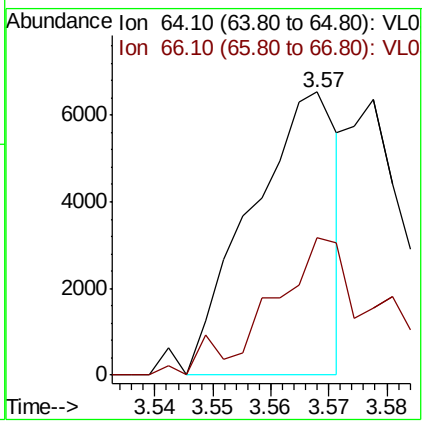


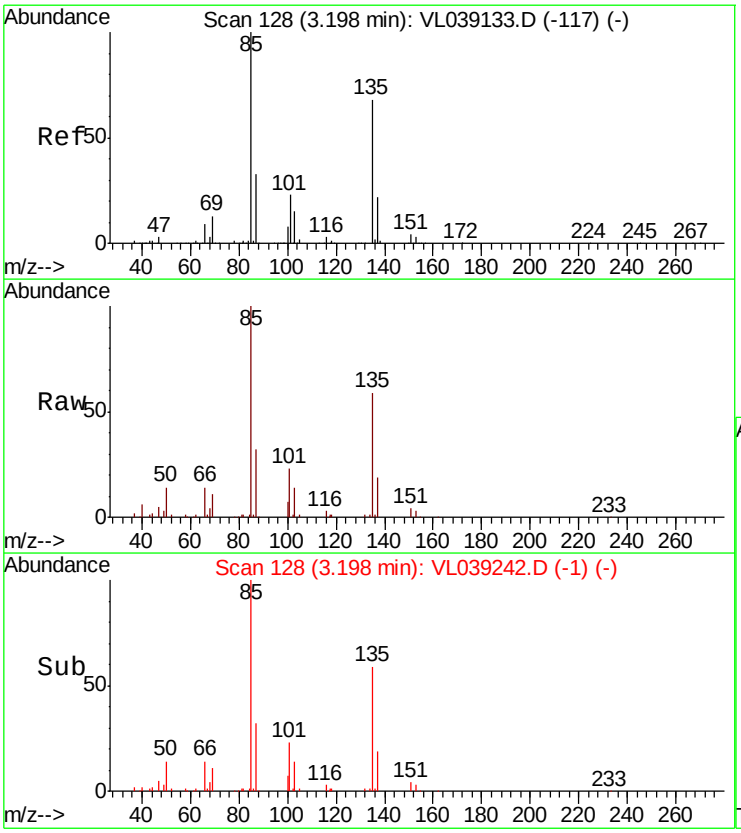
#7
Chloroethane
Concen: 0.327 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 64 Resp: 6772

Ion	Ratio	Lower	Upper
64	100		
66	46.3	23.6	35.4#

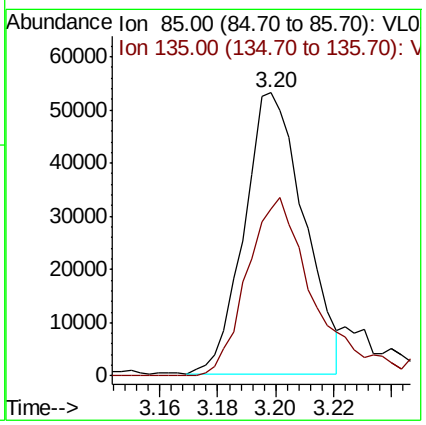


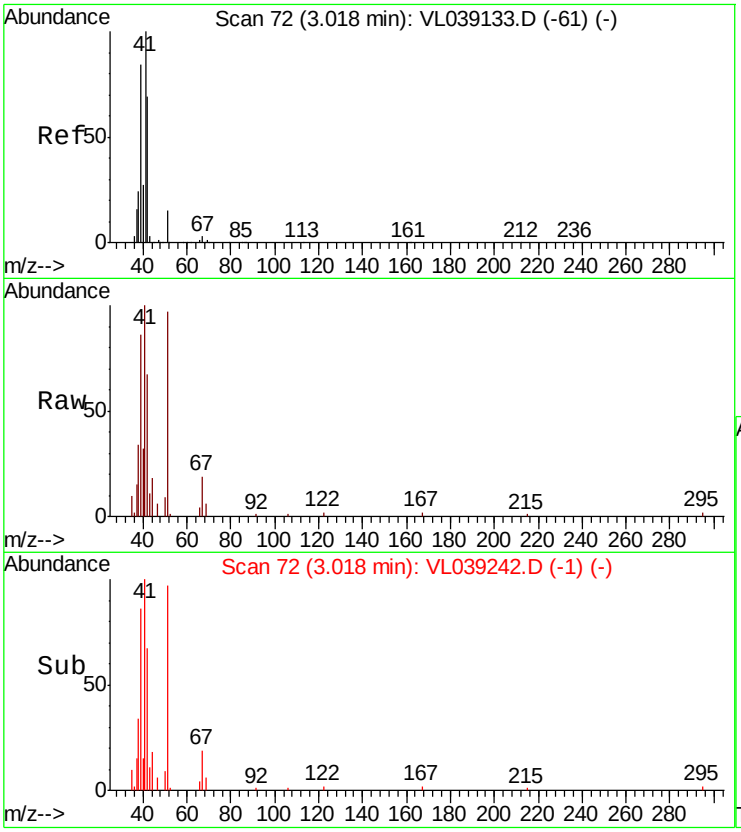


#8
Dichlorotetrafluoroethane
Concen: 0.488 ppbv
RT: 3.20 min Scan# 128
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 85 Resp: 76168

Ion	Ratio	Lower	Upper
85	100		
135	73.9	55.0	82.4



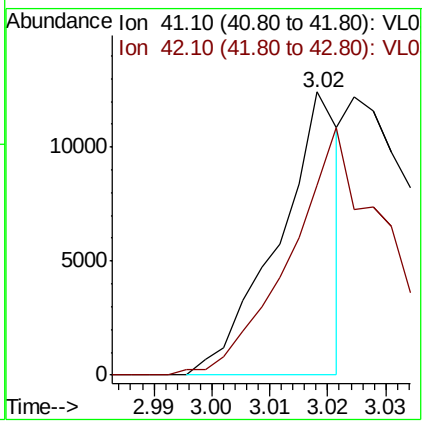


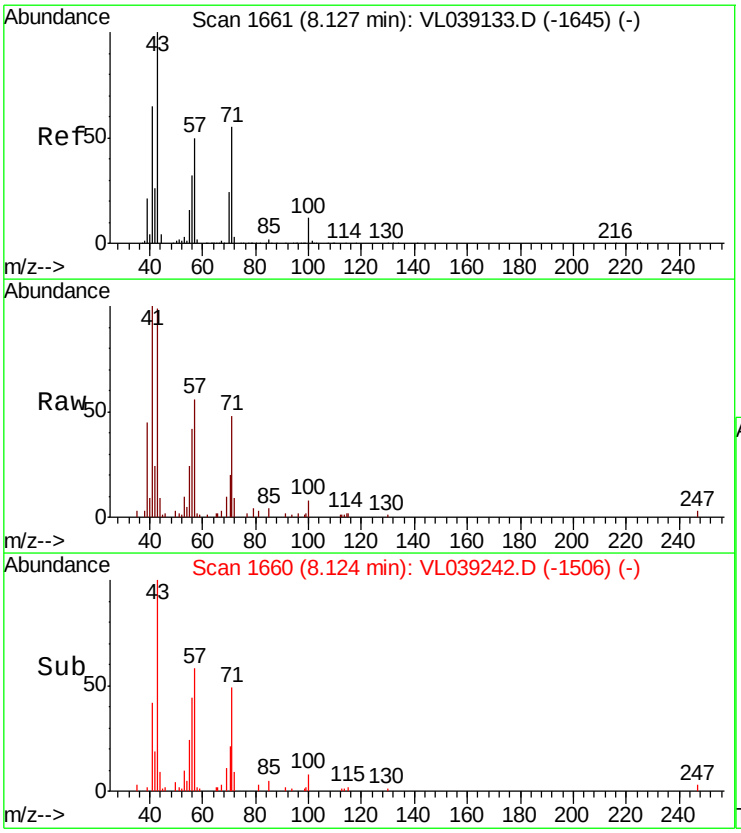
#9
Propene
Concen: 0.169 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 41 Resp: 9131

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.4	83.2#

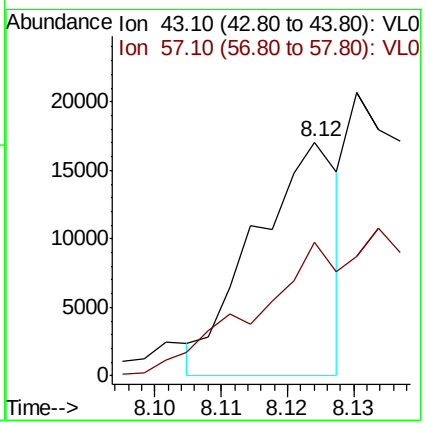


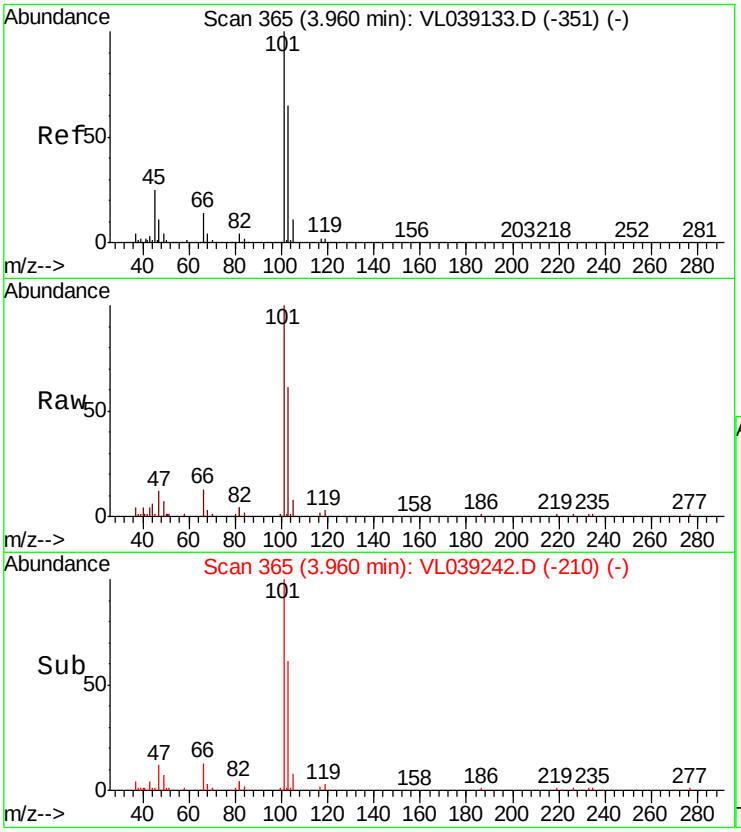


#10
Heptane
Concen: 0.119 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 43 Resp: 15012

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.4	62.2#



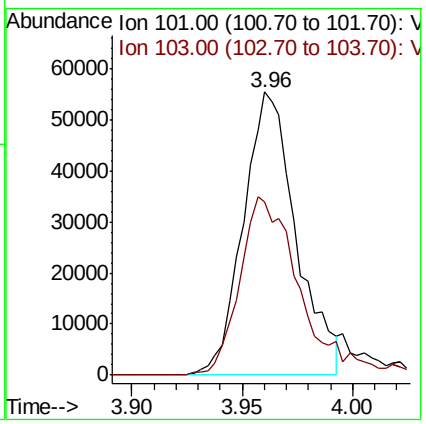


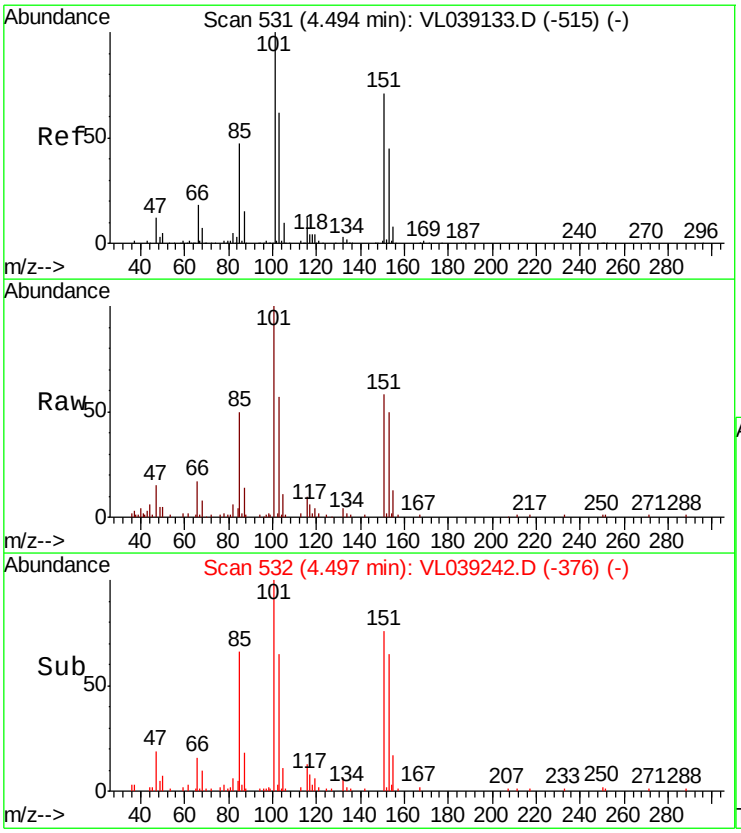
#11
Trichlorofluoromethane
Concen: 0.596 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:101 Resp: 92190

Ion	Ratio	Lower	Upper
101	100		
103	61.4	51.7	77.5

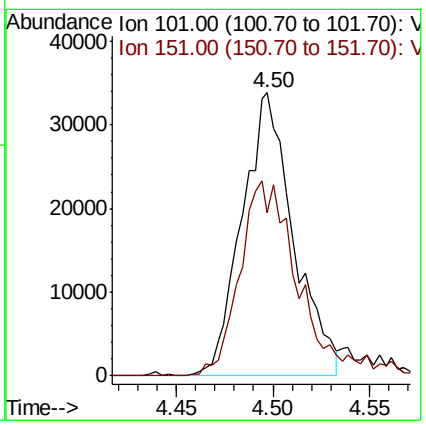


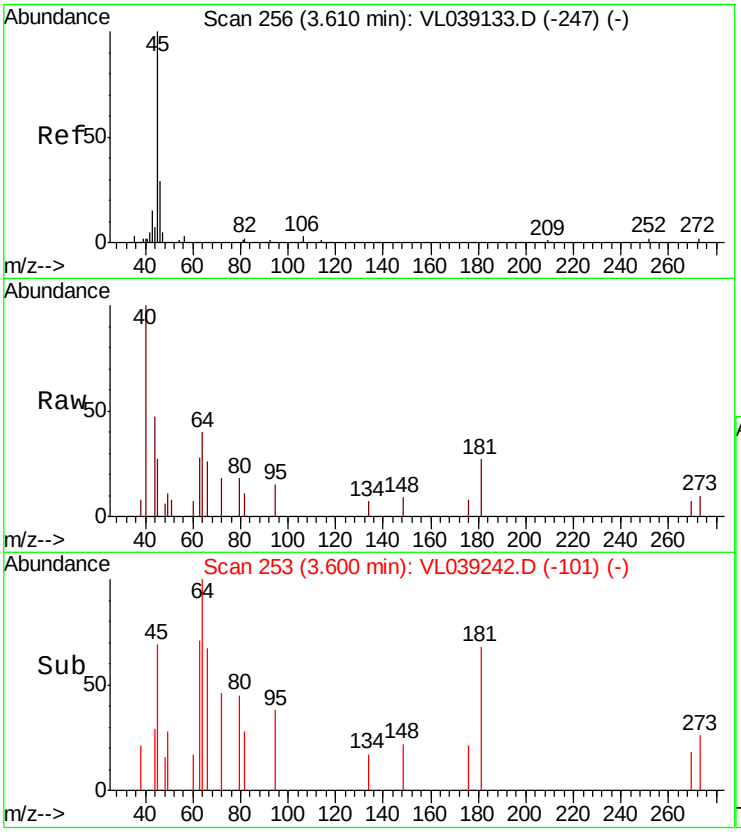


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.615 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:101 Resp: 62886

Ion	Ratio	Lower	Upper
101	100		
151	78.5	59.4	89.0



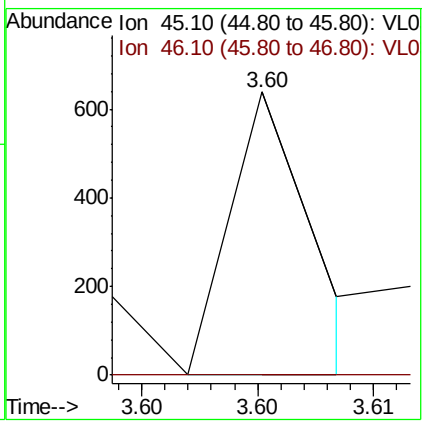


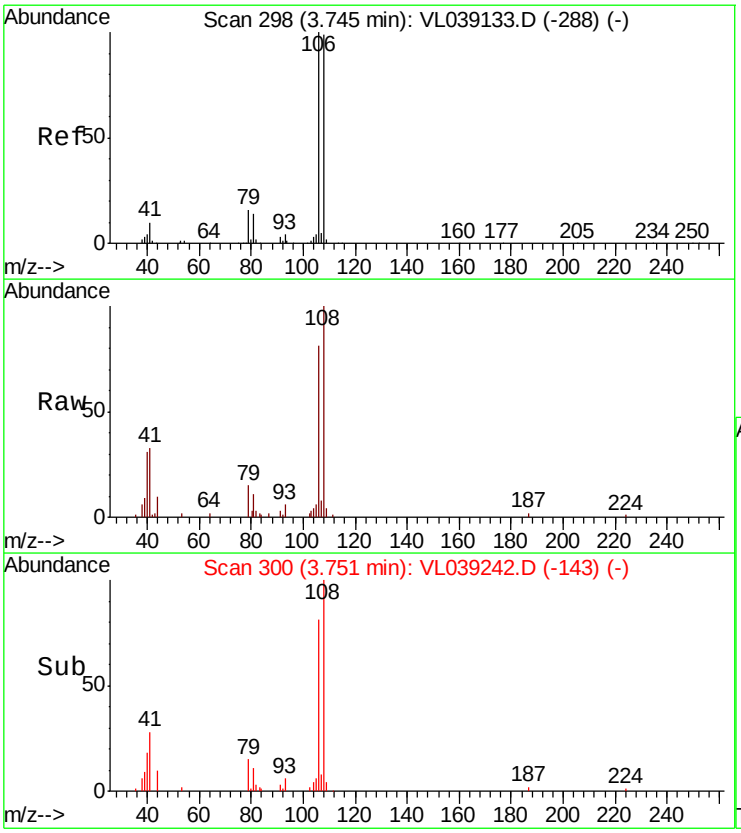
#13
Ethanol
Concen: 0.053 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 45 Resp: 157

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0

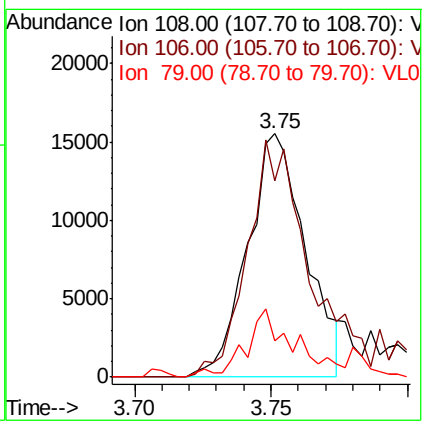


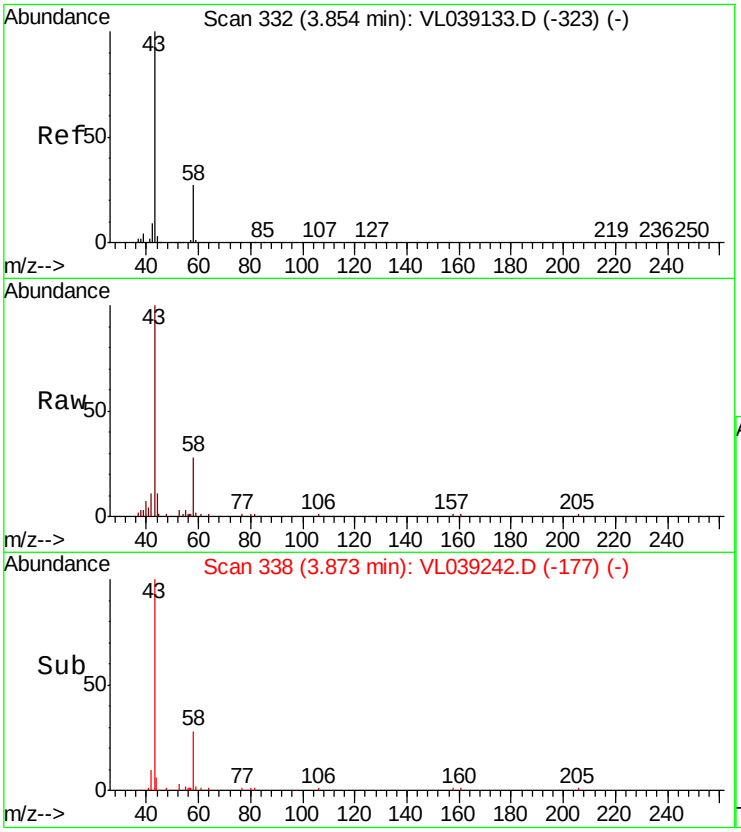


#14
Bromoethene
Concen: 0.497 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:108 Resp: 22870

Ion	Ratio	Lower	Upper
108	100		
106	115.3	88.4	132.6
79	30.4	13.4	20.2#



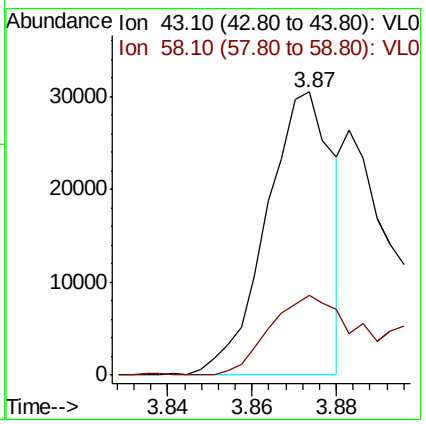


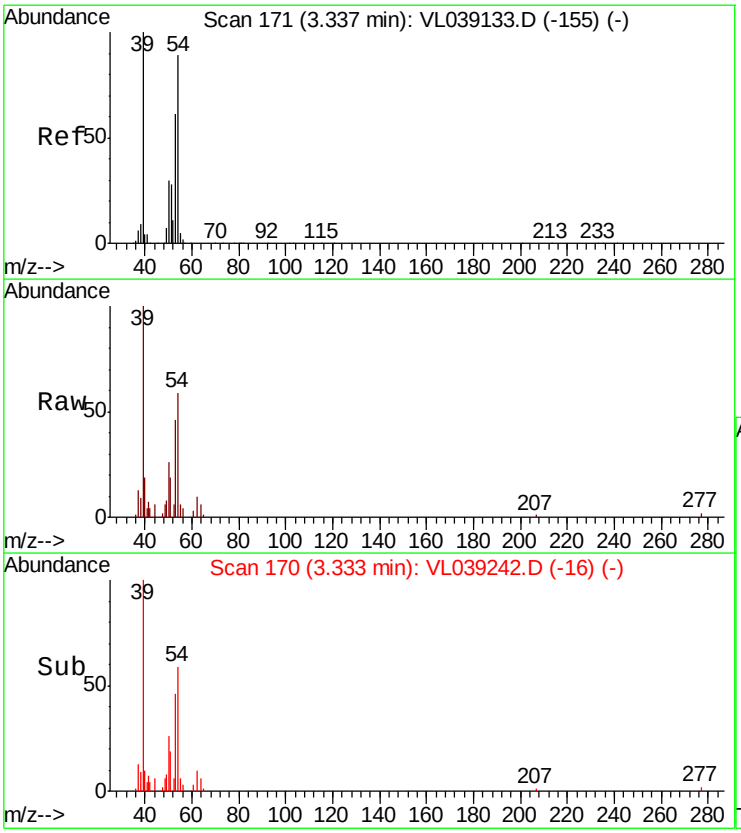
#15
Acetone
Concen: 0.328 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 43 Resp: 33222

Ion	Ratio	Lower	Upper
43	100		
58	60.0	22.5	33.7#

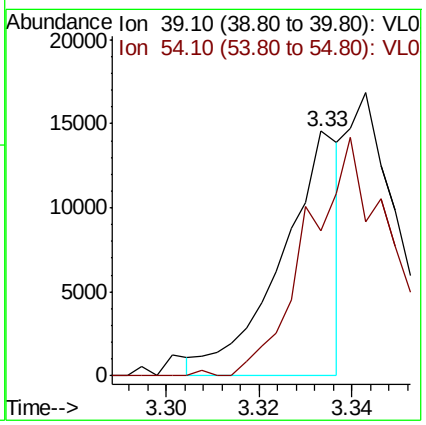


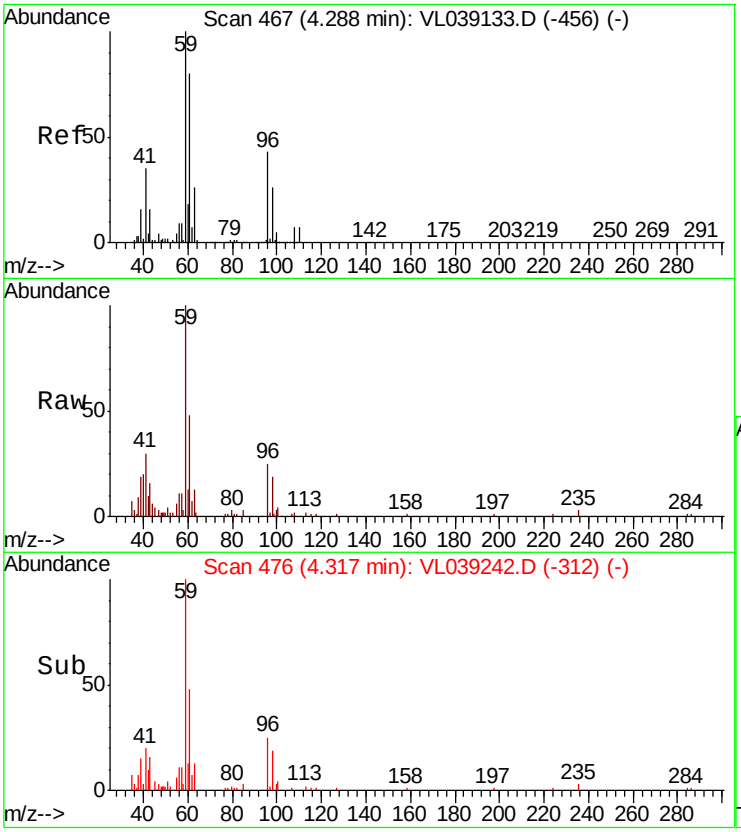


#16
1,3-Butadiene
Concen: 0.232 ppbv
RT: 3.33 min Scan# 170
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 39 Resp: 12624

Ion	Ratio	Lower	Upper
39	100		
54	0.0	65.8	98.6#



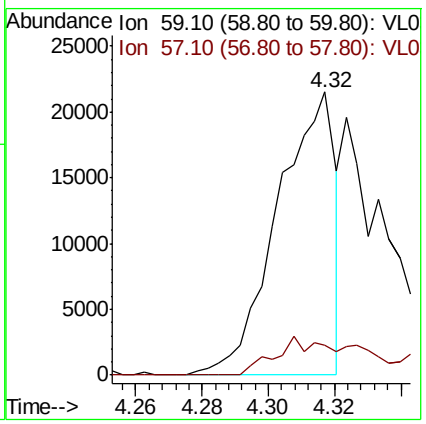


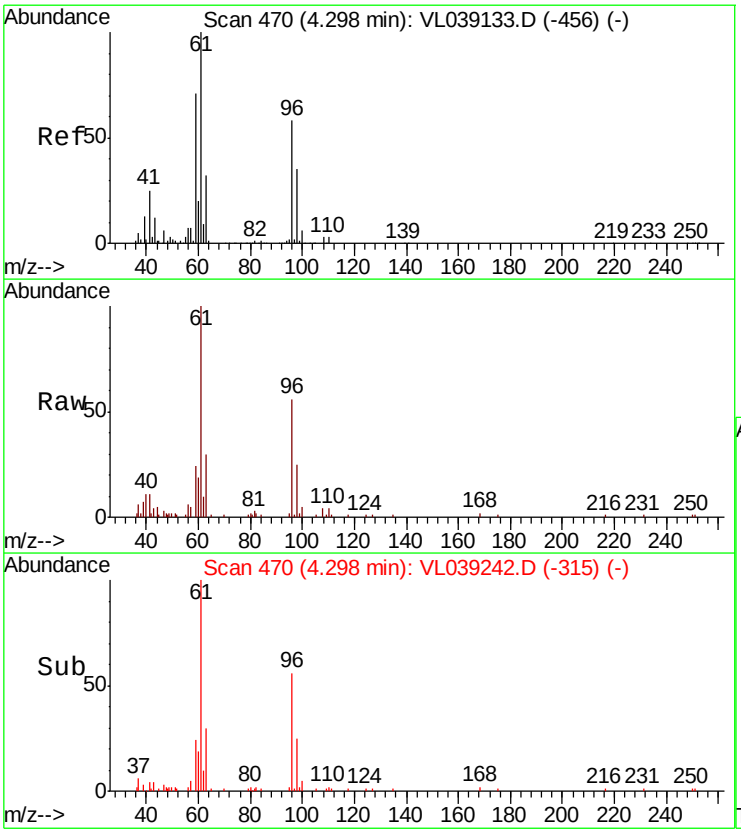
#17
tert-Butyl alcohol
Concen: 0.331 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 59 Resp: 25993

Ion	Ratio	Lower	Upper
59	100		
57	25.6	9.1	13.7#

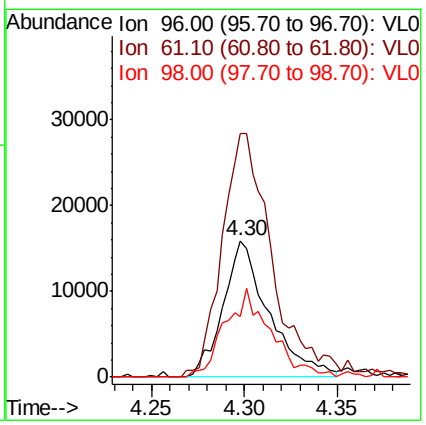


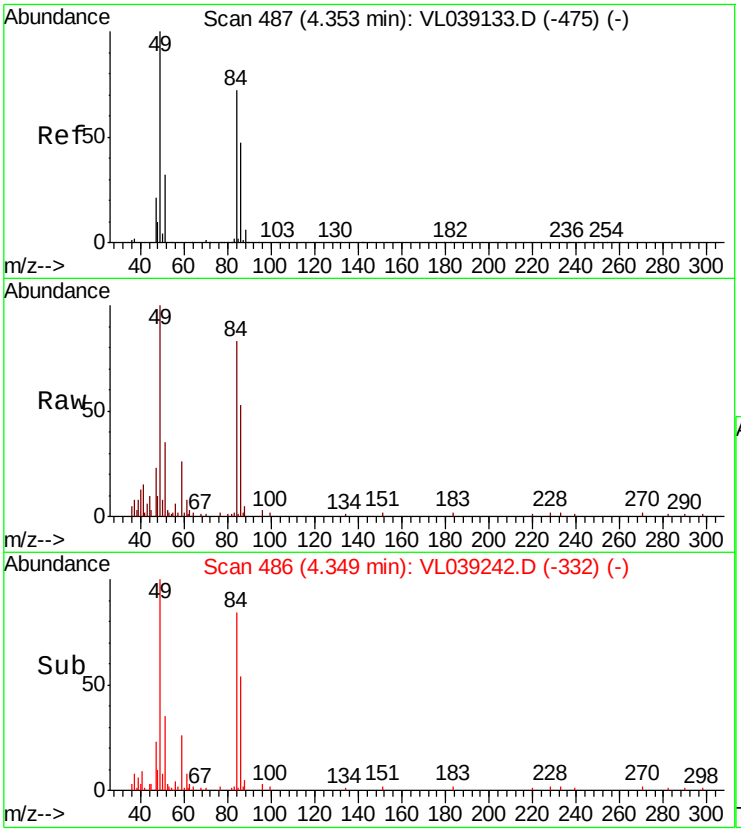


#18
1,1-Dichloroethene
Concen: 0.594 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 96 Resp: 27240

Ion	Ratio	Lower	Upper
96	100		
61	170.1	138.4	207.6
98	43.5	47.8	71.8#



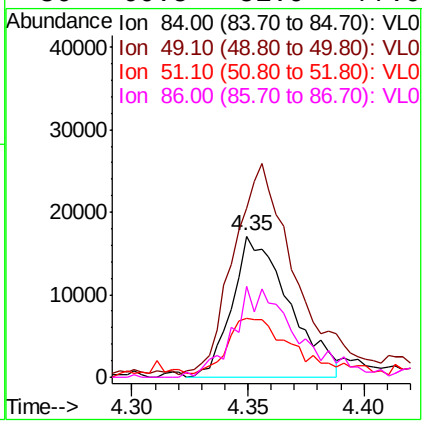


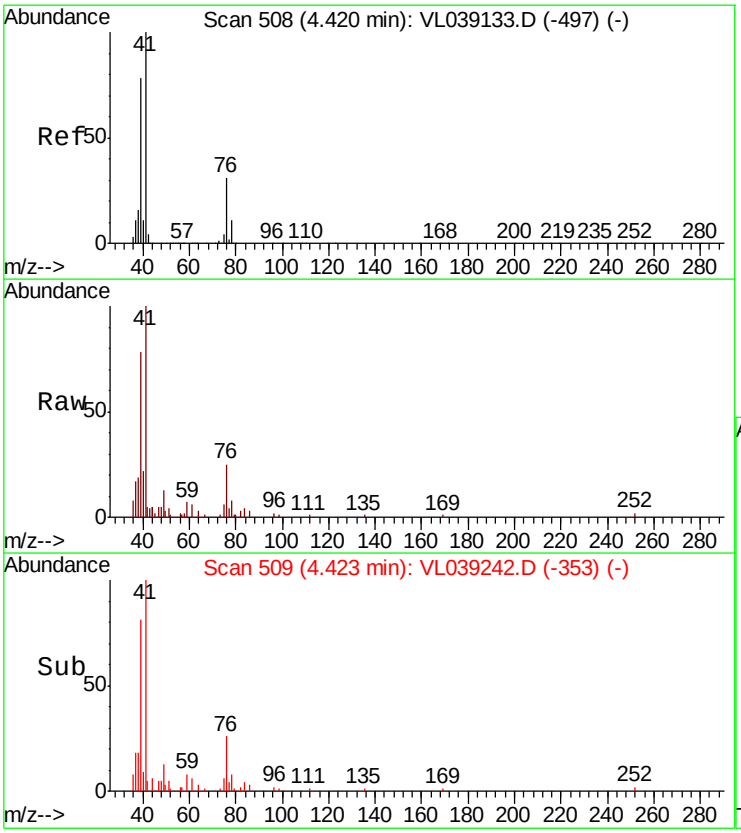
#20
Methylene Chloride
Concen: 0.684 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 84 Resp: 29219

Ion	Ratio	Lower	Upper
84	100		
49	109.5	111.1	166.7#
51	39.2	35.3	52.9
86	60.5	51.9	77.9

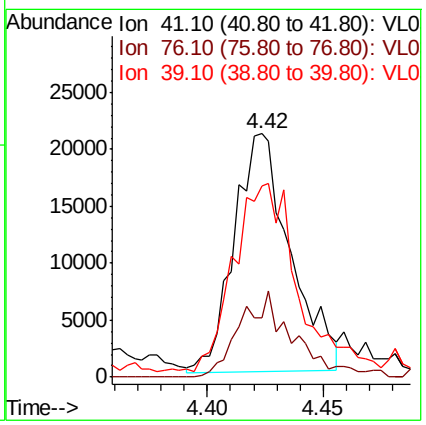


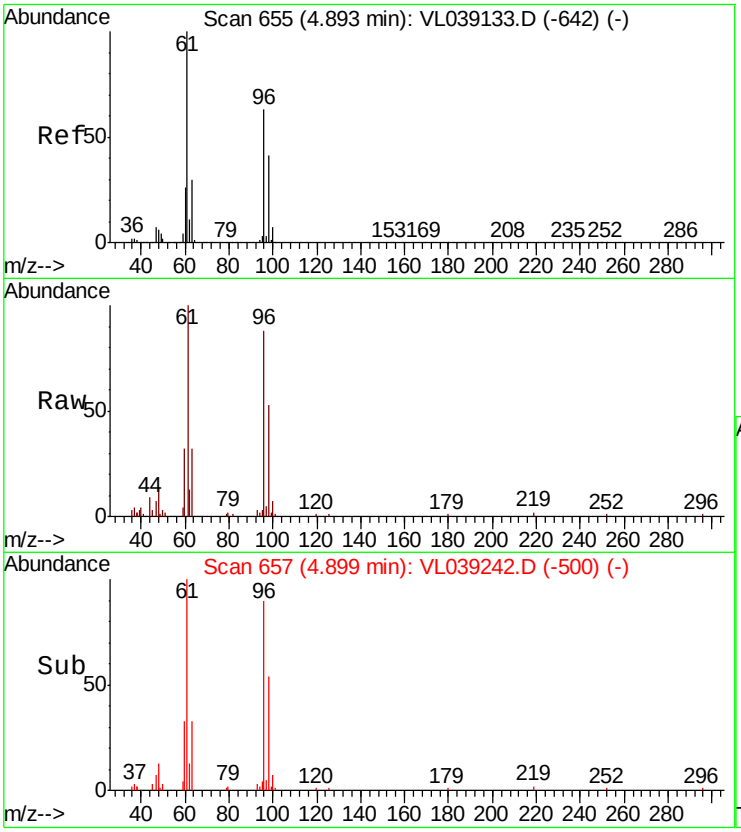


#21
Allyl Chloride
Concen: 0.518 ppbv
RT: 4.42 min Scan# 509
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 41 Resp: 35422

Ion	Ratio	Lower	Upper
41	100		
76	34.2	24.2	36.2
39	101.6	62.2	93.2#



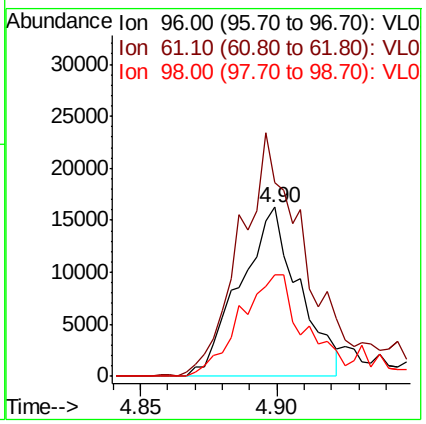


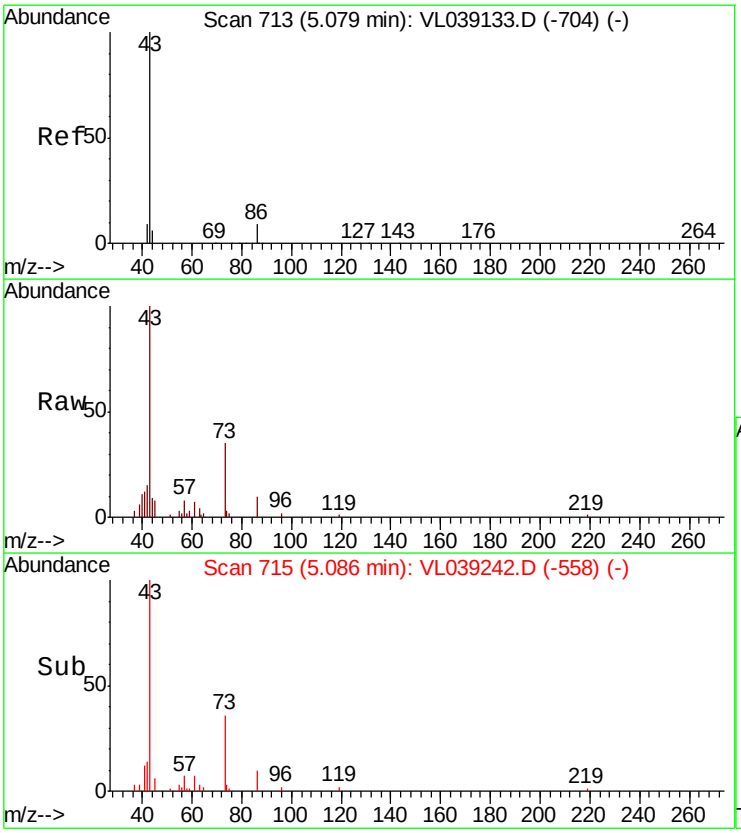
#22
trans-1,2-Dichloroethene
Concen: 0.553 ppbv
RT: 4.90
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 96 Resp: 24425

Ion	Ratio	Lower	Upper
96	100		
61	111.6	126.6	190.0#
98	60.3	52.5	78.7

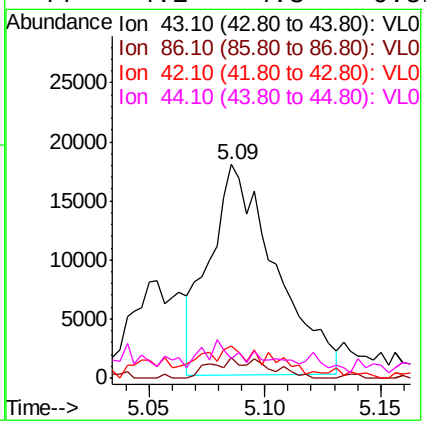


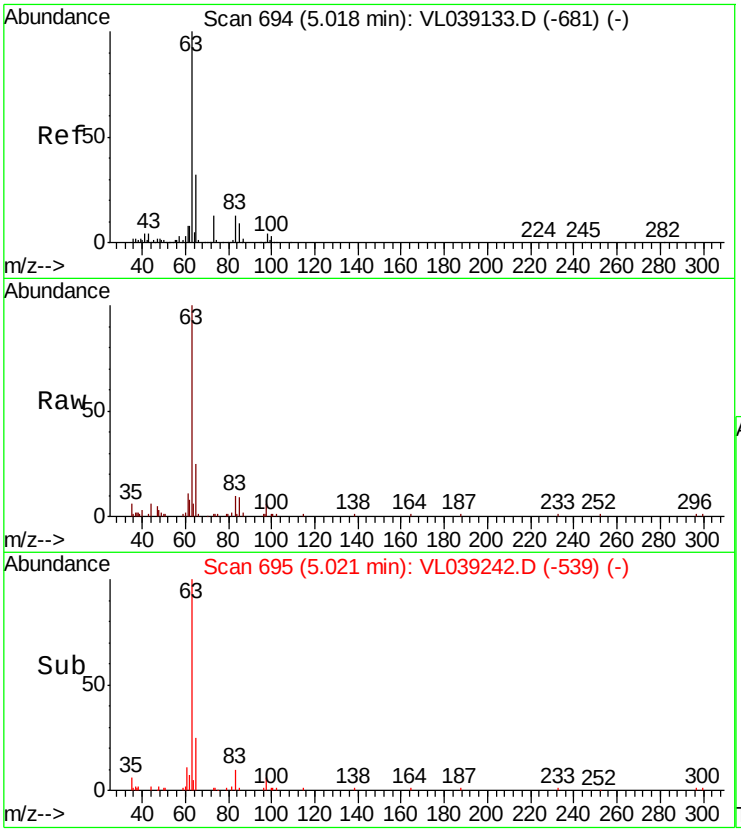


#23
Vinyl Acetate
Concen: 0.418 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 43 Resp: 35042

Ion	Ratio	Lower	Upper
43	100		
86	11.1	6.0	9.0#
42	12.3	8.2	12.4
44	4.2	4.3	6.5#



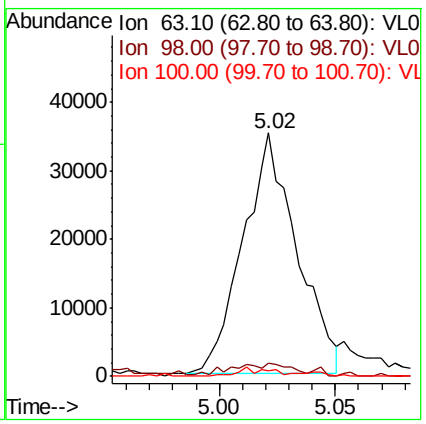


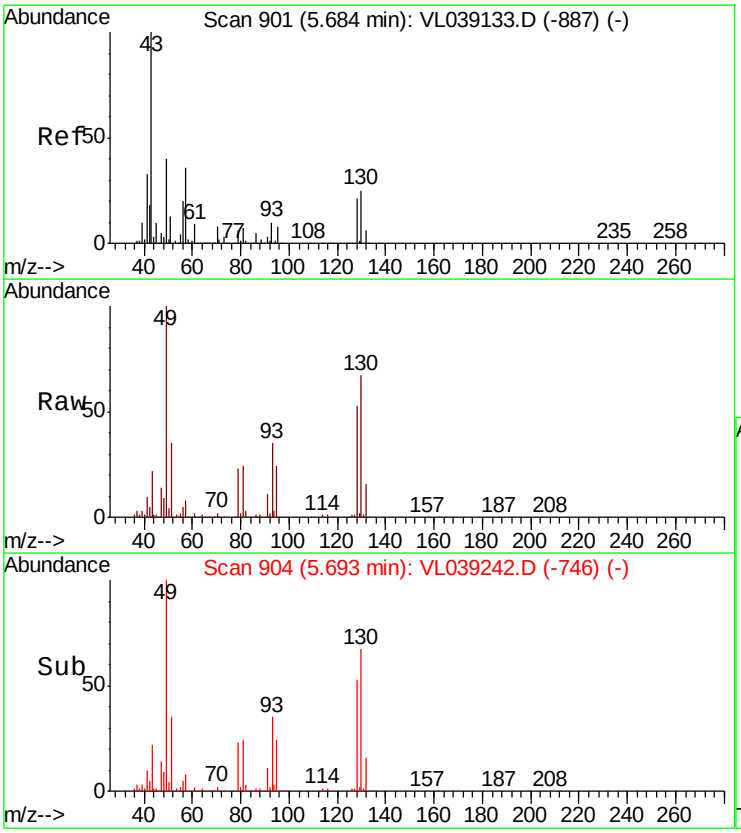
#24
1,1-Dichloroethane
Concen: 0.493 ppbv
RT: 5.02
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 63 Resp: 56671

Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.1	6.2
100	2.2	1.5	4.5

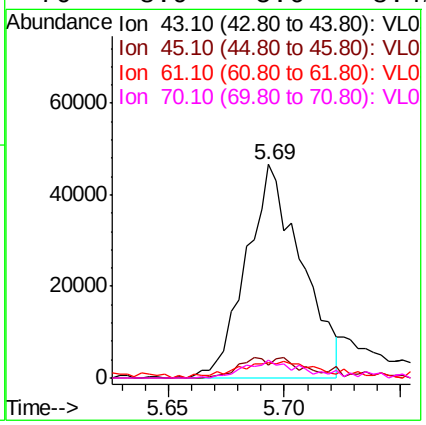


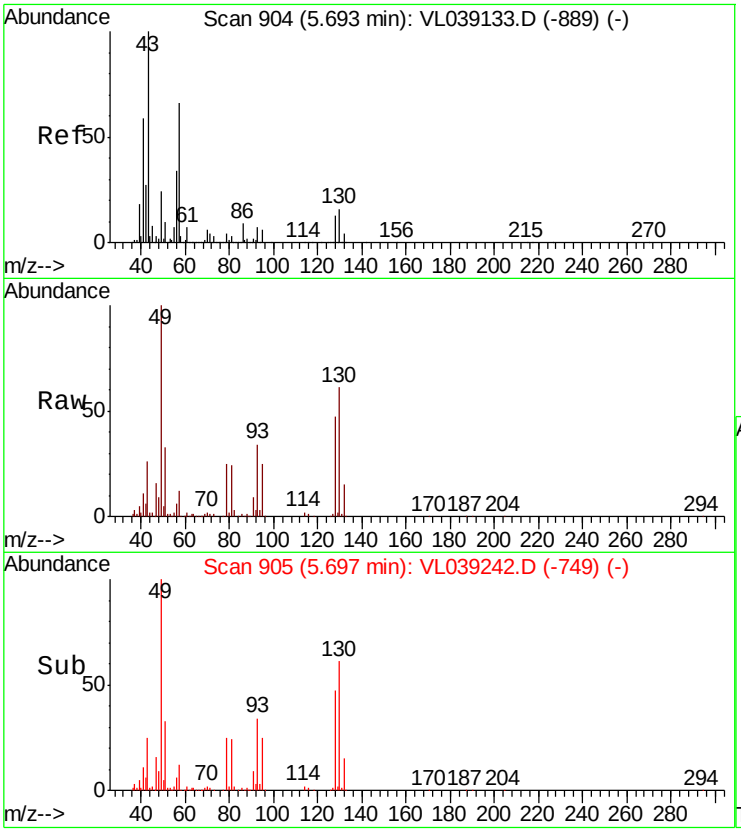


#25
Ethyl Acetate
Concen: 0.338 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 43 Resp: 77296

Ion	Ratio	Lower	Upper
43	100		
45	12.6	8.2	12.2#
61	12.7	8.4	12.6#
70	8.9	5.6	8.4#



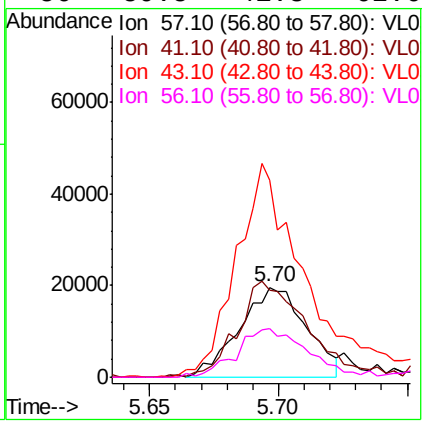


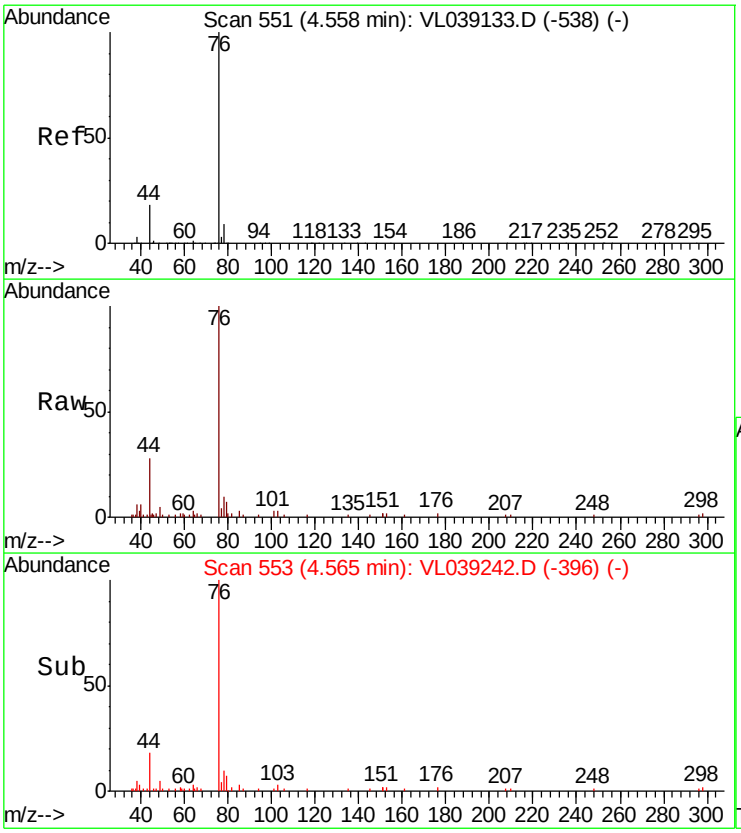
#26
Hexane
Concen: 0.355 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 57 Resp: 35664

Ion	Ratio	Lower	Upper
57	100		
41	110.8	72.4	108.6#
43	263.6	187.0	280.6
56	59.5	41.8	62.6

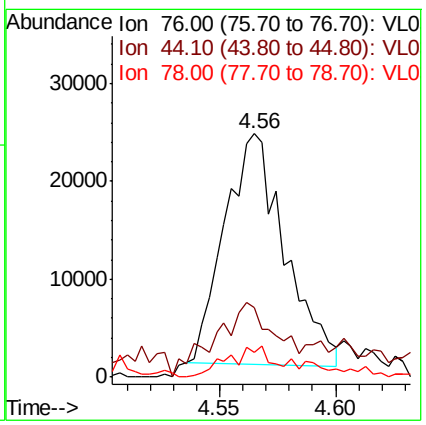


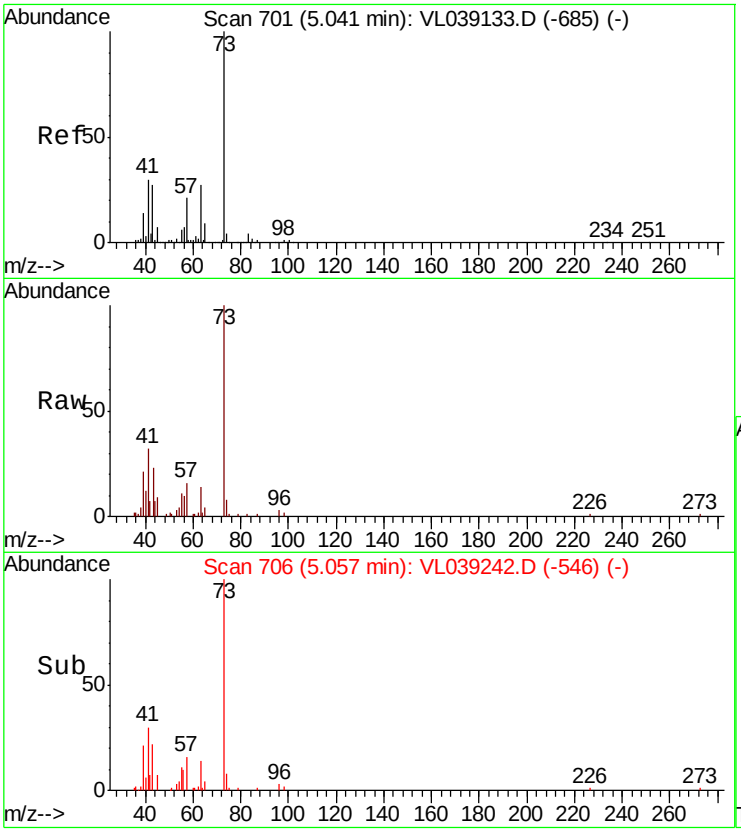


#27
Carbon Disulfide
Concen: 0.409 ppbv
RT: 4.56 min Scan# 553
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 76 Resp: 42509

Ion	Ratio	Lower	Upper
76	100		
44	34.2	14.4	21.6#
78	16.0	7.7	11.5#



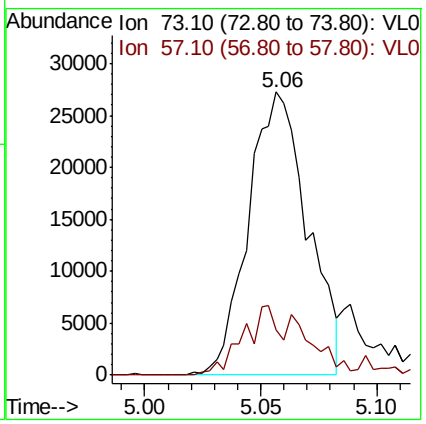


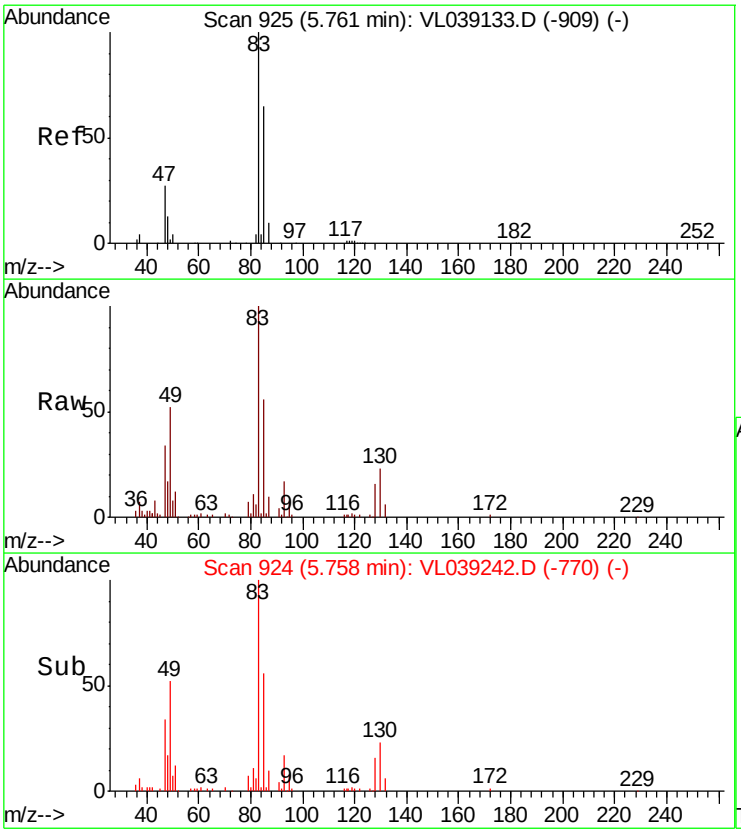
#28
Methyl tert-Butyl Ether
Concen: 0.436 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 73 Resp: 48330

Ion	Ratio	Lower	Upper
73	100		
57	26.9	18.6	27.8

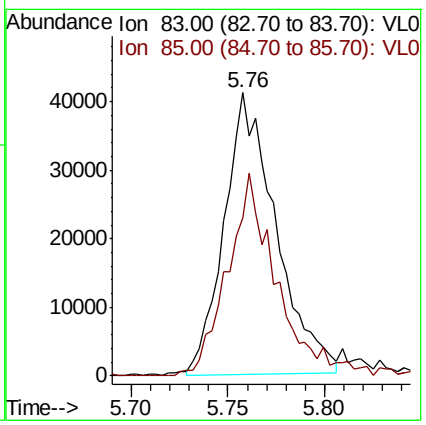


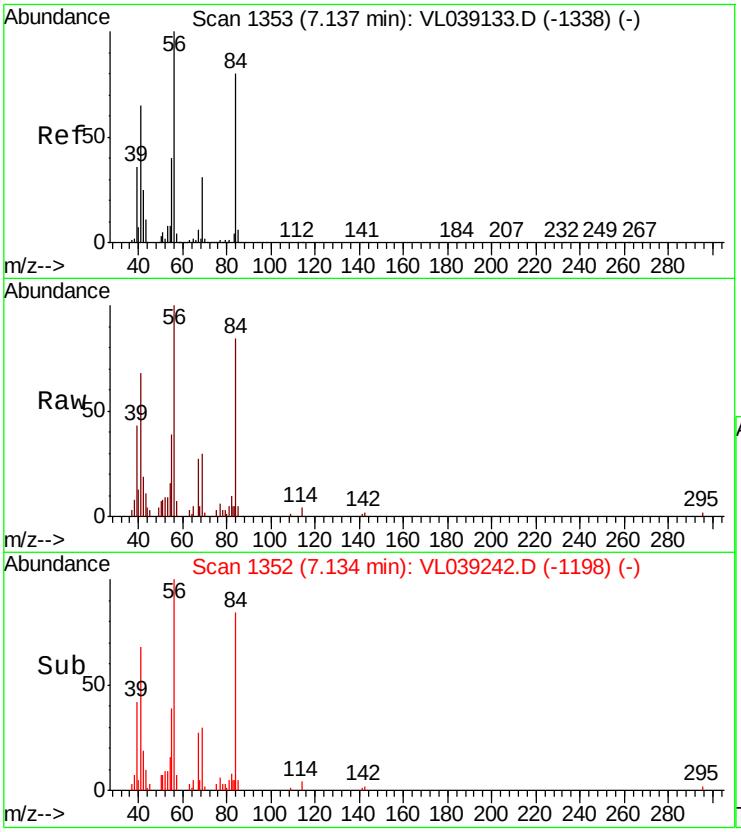


#29
Chloroform
Concen: 0.453 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 83 Resp: 76515

Ion	Ratio	Lower	Upper
83	100		
85	54.6	52.4	78.6



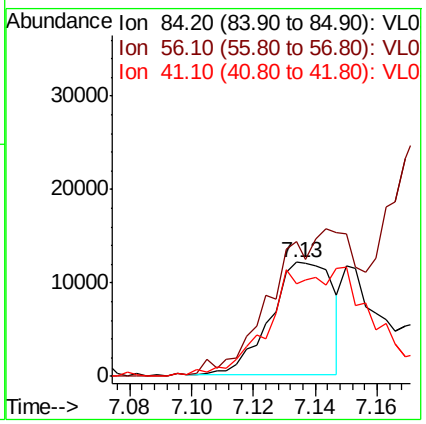


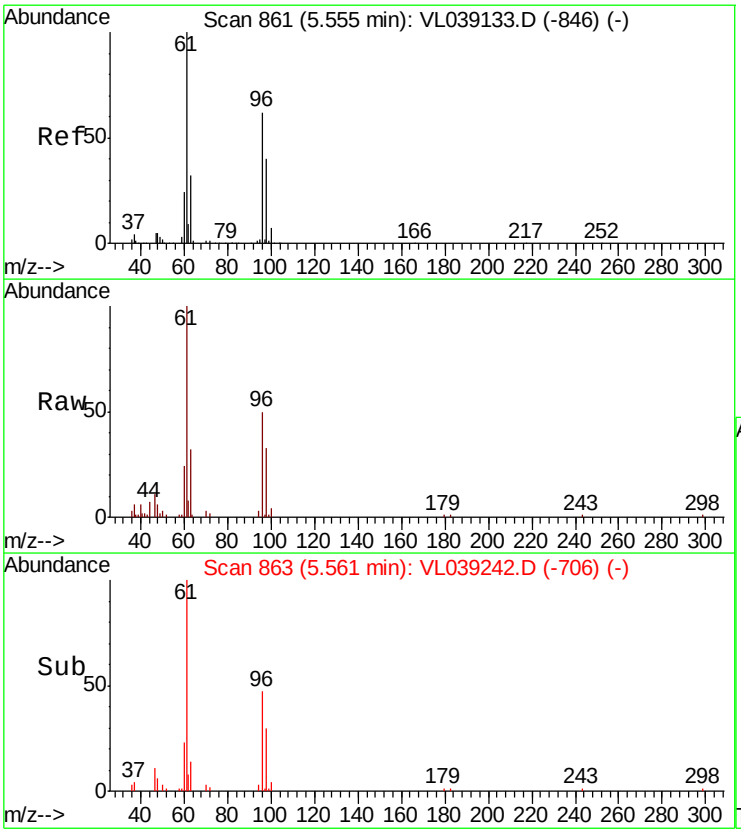
#30
Cyclohexane
Concen: 0.198 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 84 Resp: 16668

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	68.9	103.3#

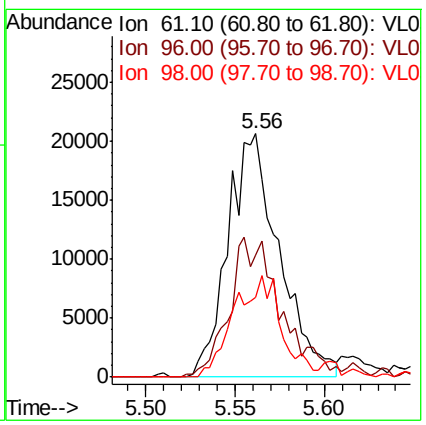


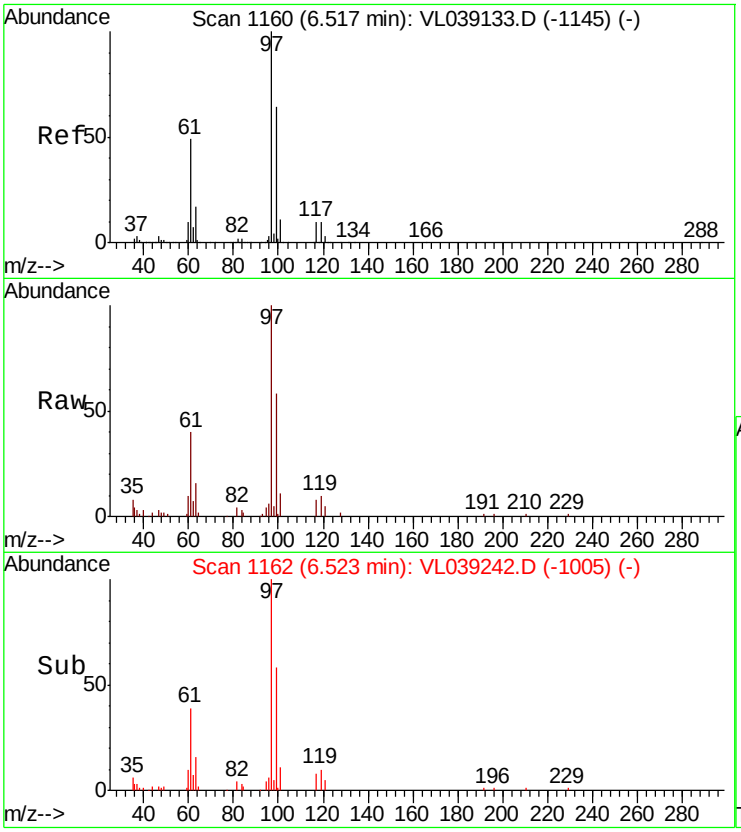


#31
cis-1,2-Dichloroethene
Concen: 0.403 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 61 Resp: 41283

Ion	Ratio	Lower	Upper
61	100		
96	49.2	49.9	74.9#
98	32.7	32.0	48.0



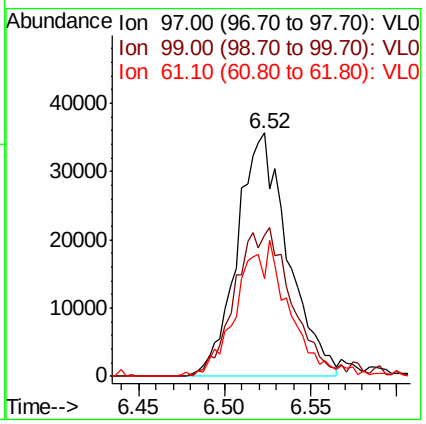


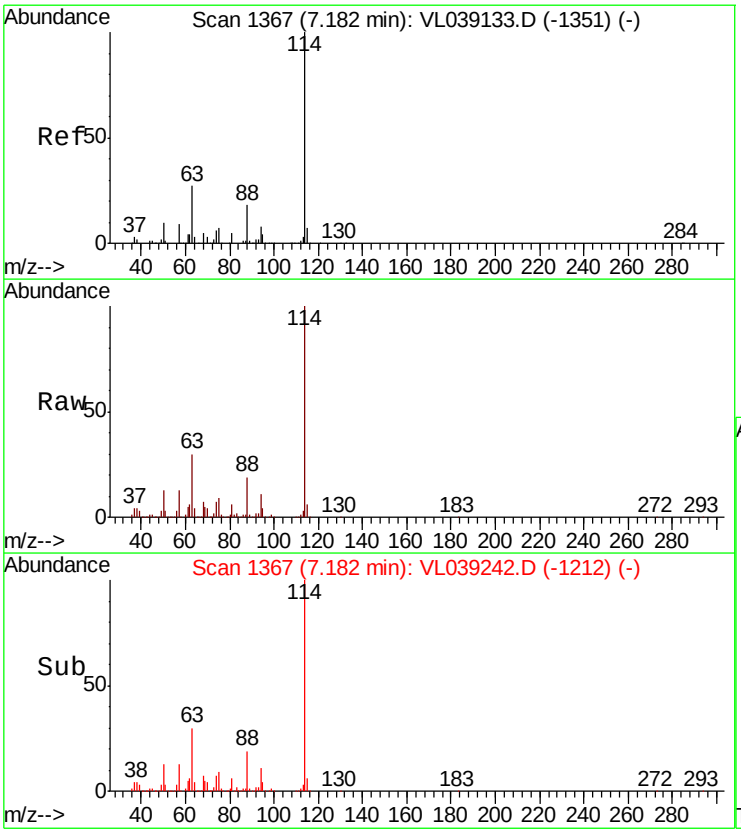
#32
1,1,1-Trichloroethane
Concen: 0.442 ppbv
RT: 6.52
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 97 Resp: 73069

Ion	Ratio	Lower	Upper
97	100		
99	70.2	52.1	78.1
61	57.8	40.0	60.0

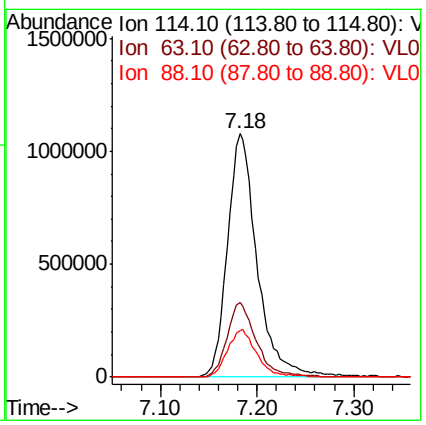


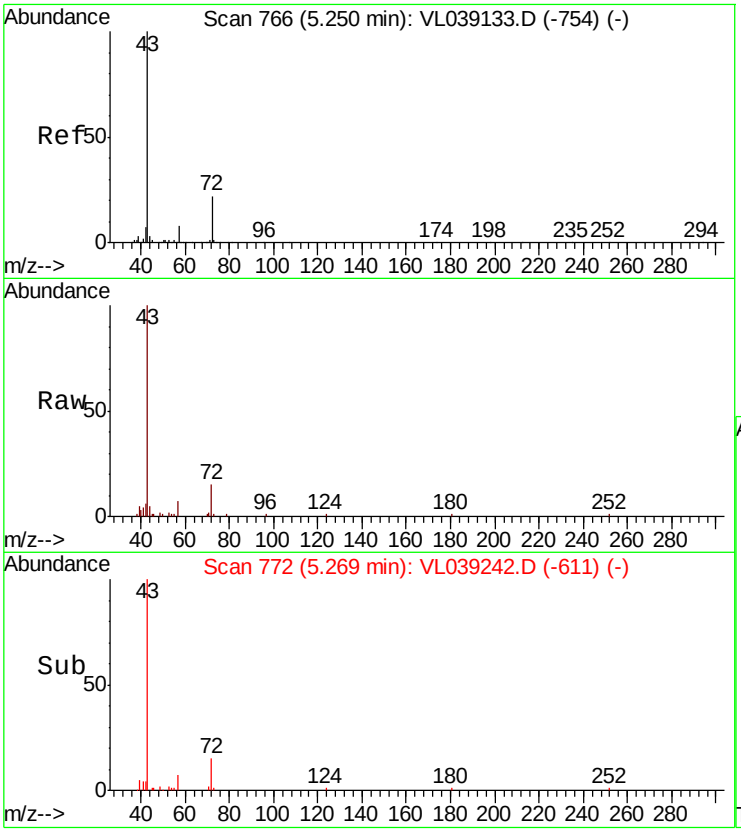


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:114 Resp: 2286023

Ion	Ratio	Lower	Upper
114	100		
63	30.4	21.7	32.5
88	19.5	14.8	22.2



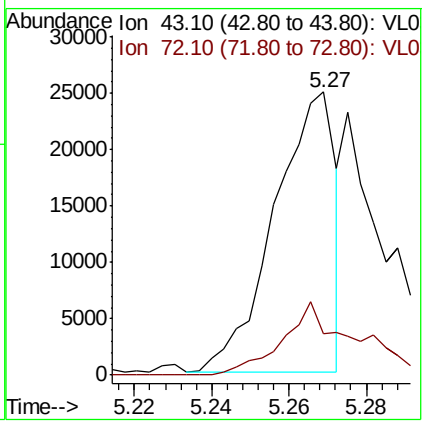


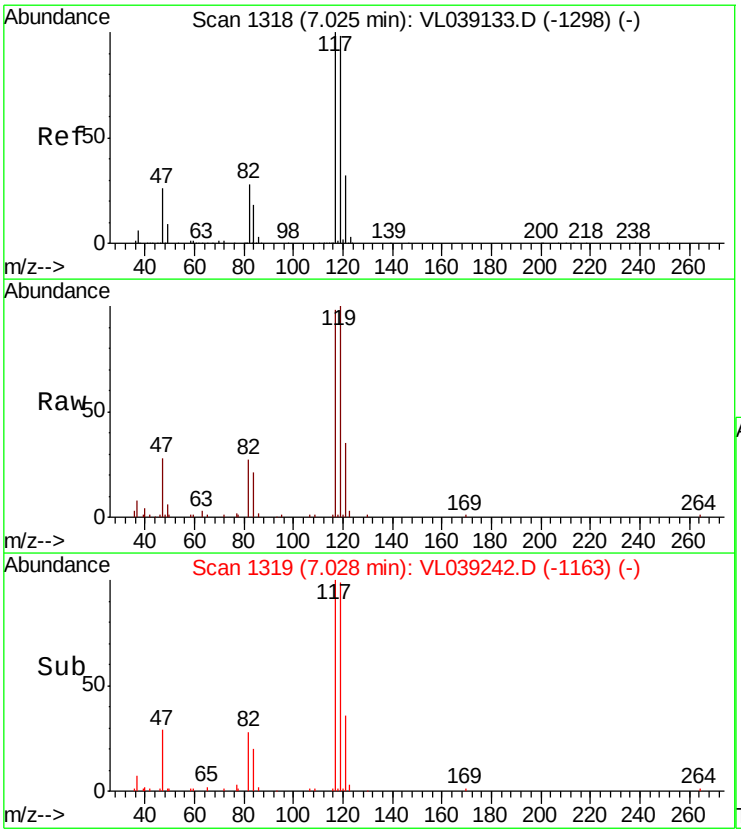
#34
2-Butanone
Concen: 0.220 ppbv
RT: 5.27
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 43 Resp: 27306

Ion	Ratio	Lower	Upper
43	100		
72	39.8	18.2	27.2#

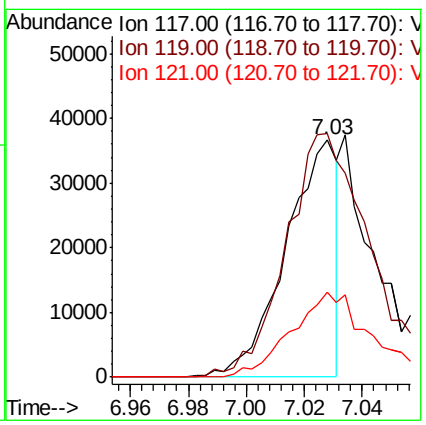


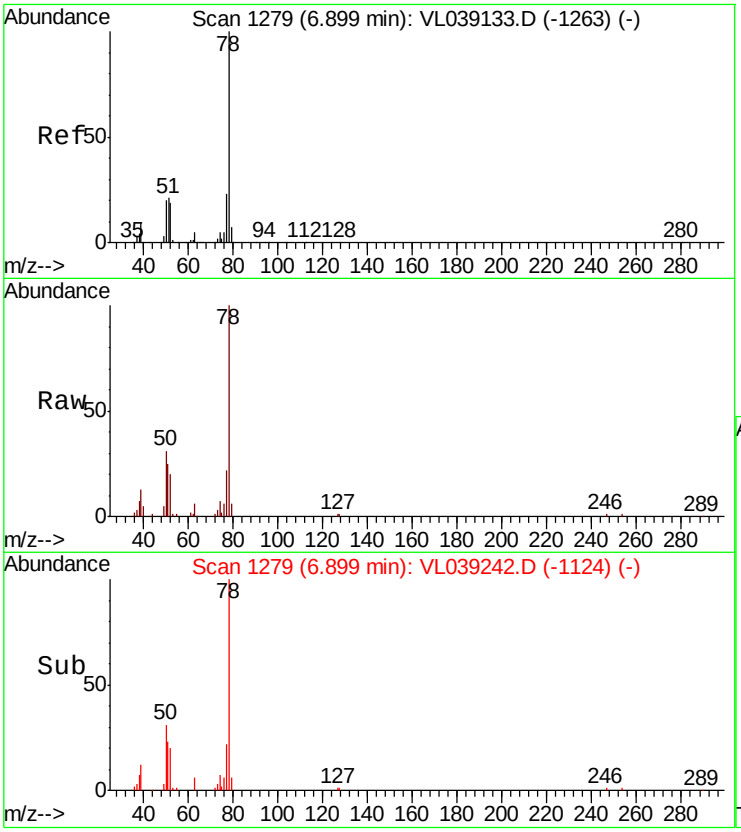


#35
Carbon Tetrachloride
Concen: 0.270 ppbv
RT: 7.03 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:117 Resp: 45126

Ion	Ratio	Lower	Upper
117	100		
119	102.5	78.6	118.0
121	35.7	25.4	38.0



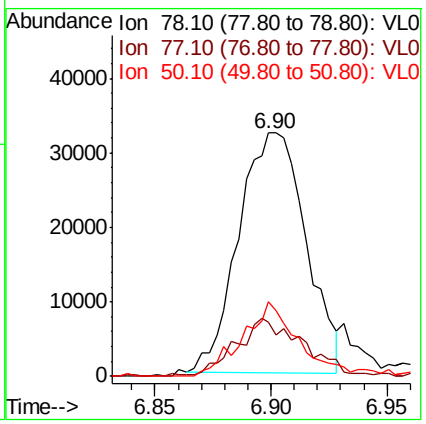


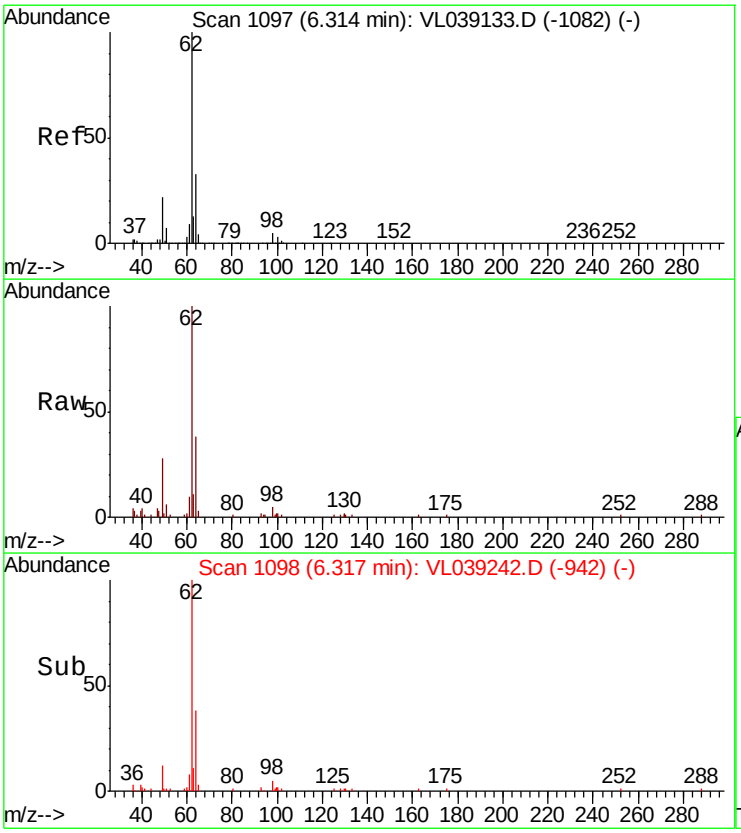
#36
Benzene
Concen: 0.349 ppbv
RT: 6.90
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 78 Resp: 64790

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.6	27.8
50	31.3	15.8	23.8#

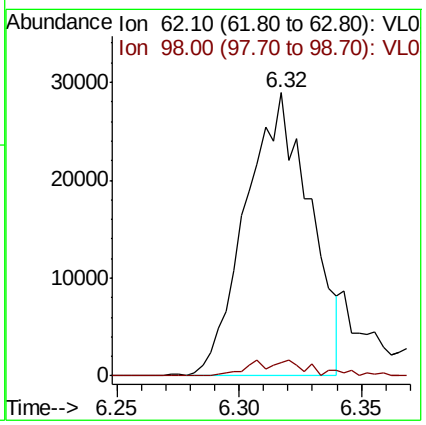


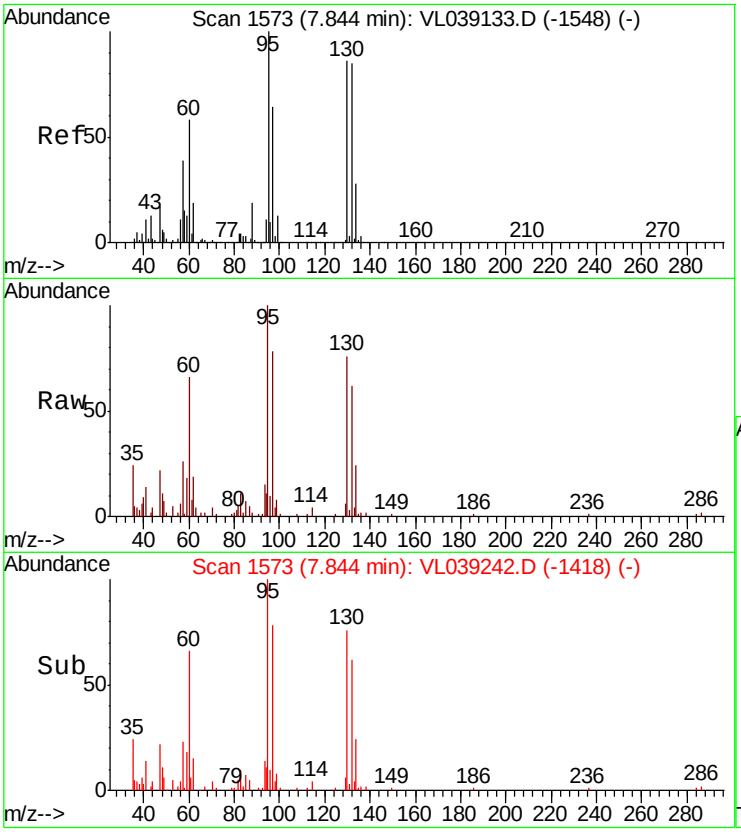


#37
1,2-Dichloroethane
Concen: 0.431 ppbv
RT: 6.32 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 62 Resp: 52682

Ion	Ratio	Lower	Upper
62	100		
98	4.9	4.3	6.5



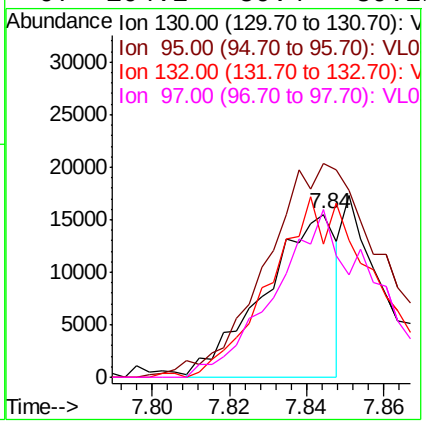


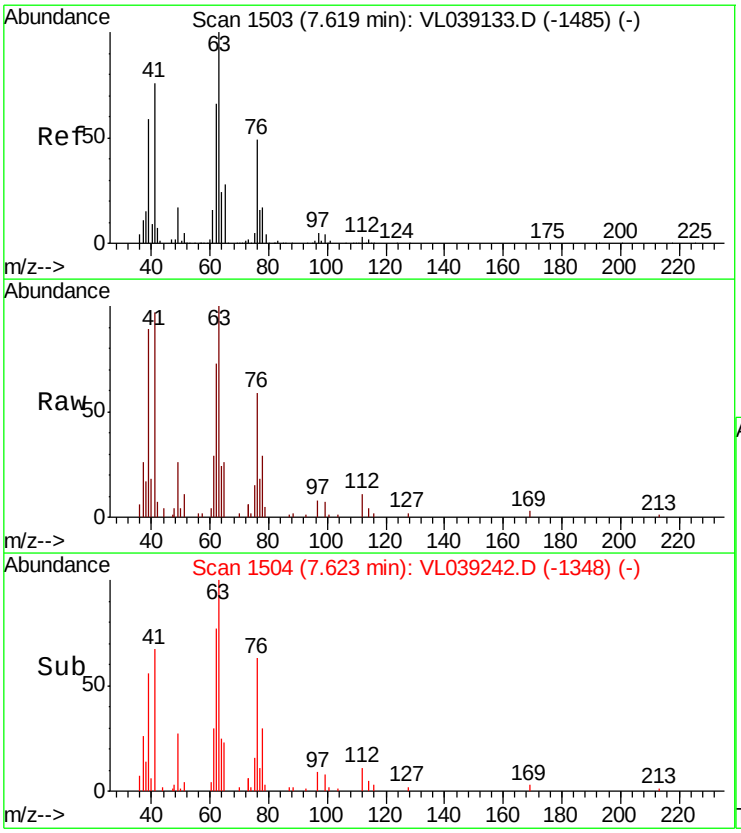
#38
Trichloroethene
Concen: 0.235 ppbv
RT: 7.84
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:130 Resp: 20058

Ion	Ratio	Lower	Upper
130	100		
95	122.8	93.3	139.9
132	82.8	79.0	118.4
97	104.2	59.4	89.2#

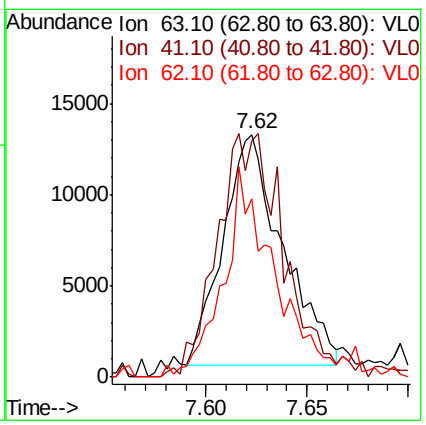


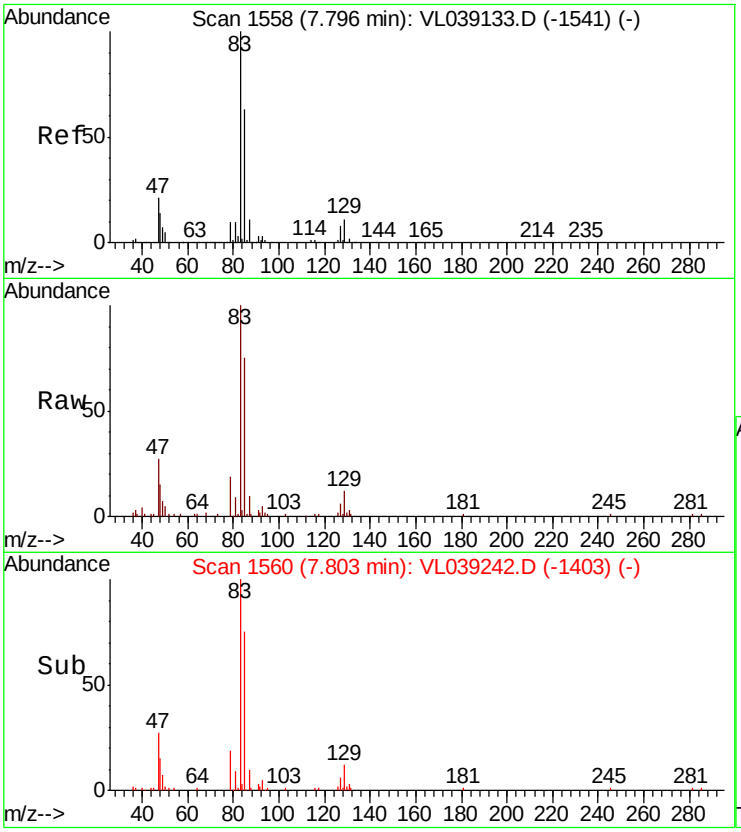


#39
1,2-Dichloropropane
Concen: 0.352 ppbv
RT: 7.62 min Scan# 1504
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 63 Resp: 25965

Ion	Ratio	Lower	Upper
63	100		
41	103.0	60.8	91.2#
62	77.5	52.9	79.3



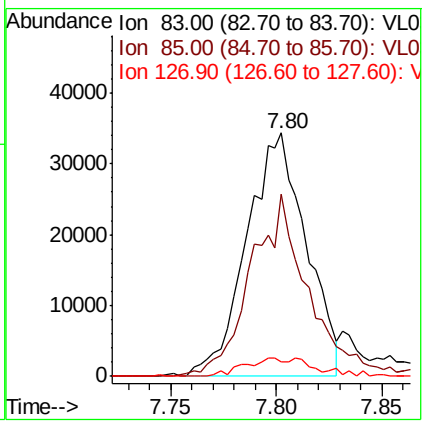


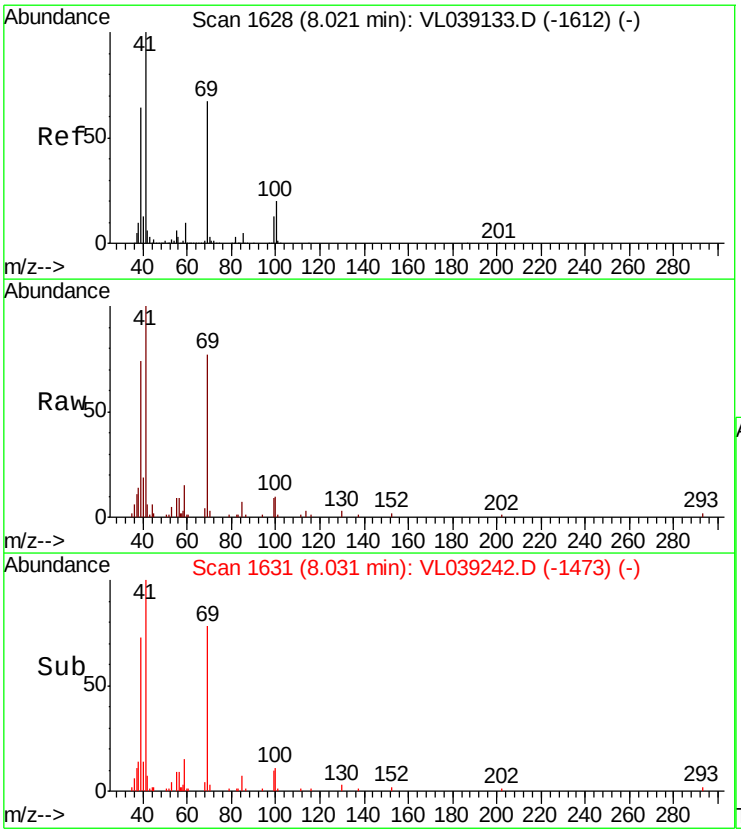
#42
Bromodichloromethane
Concen: 0.398 ppbv
RT: 7.80
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 83 Resp: 67537

Ion	Ratio	Lower	Upper
83	100		
85	74.4	50.2	75.4
127	5.9	6.6	9.8#

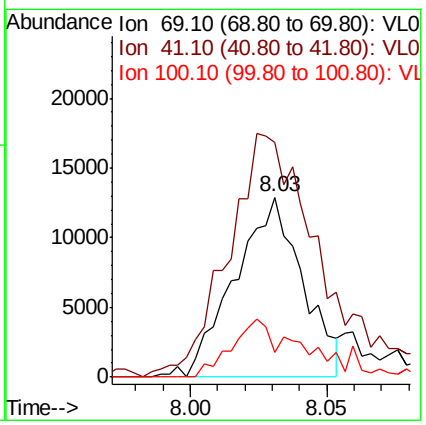


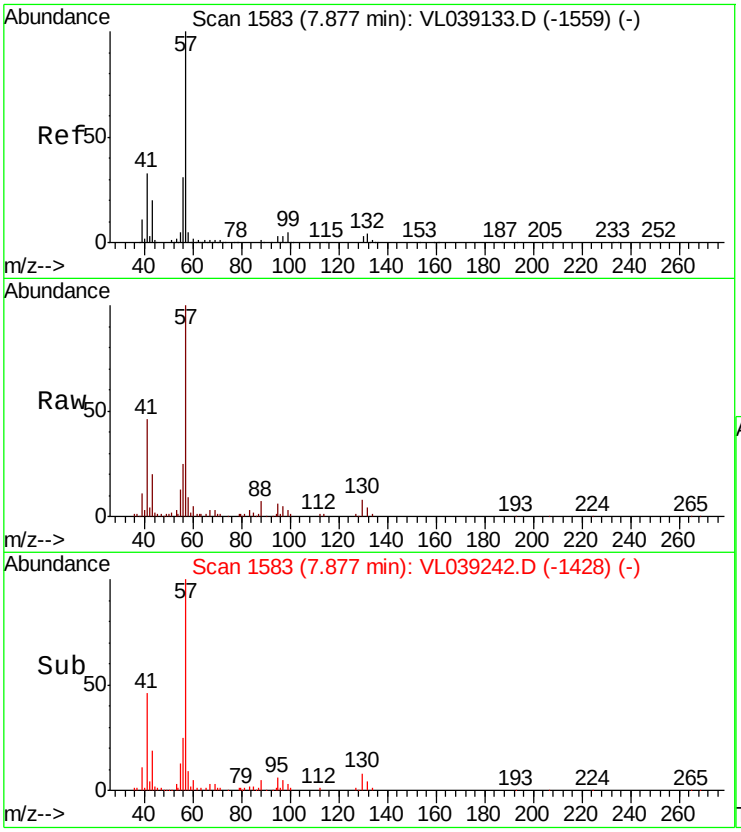


#43
Methyl Methacrylate
Concen: 0.307 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 69 Resp: 22158

Ion	Ratio	Lower	Upper
69	100		
41	187.1	121.9	182.9#
100	36.8	24.1	36.1#



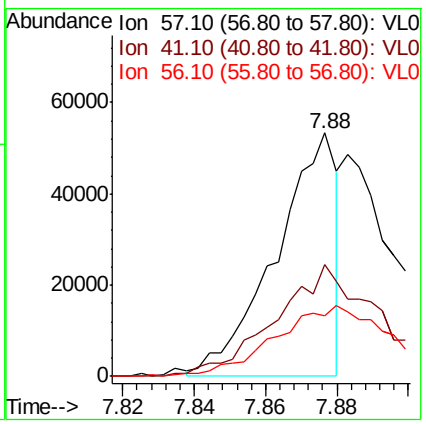


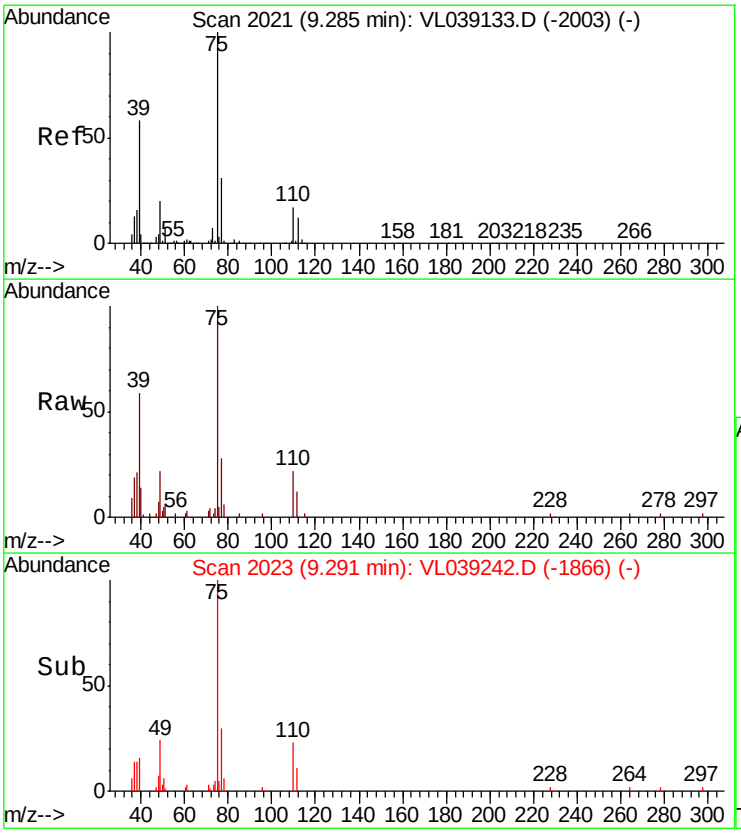
#44
2,2,4-Trimethylpentane
Concen: 0.195 ppbv
RT: 7.88
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 57 Resp: 63157

Ion	Ratio	Lower	Upper
57	100		
41	82.9	26.2	39.4#
56	0.0	24.7	37.1#

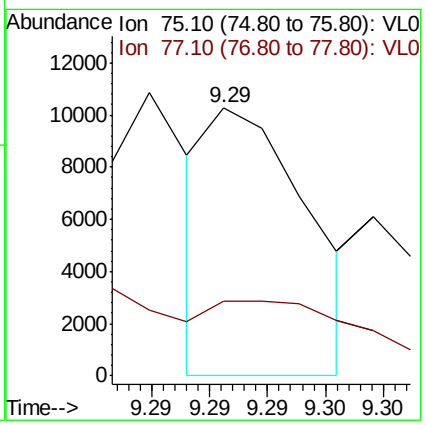


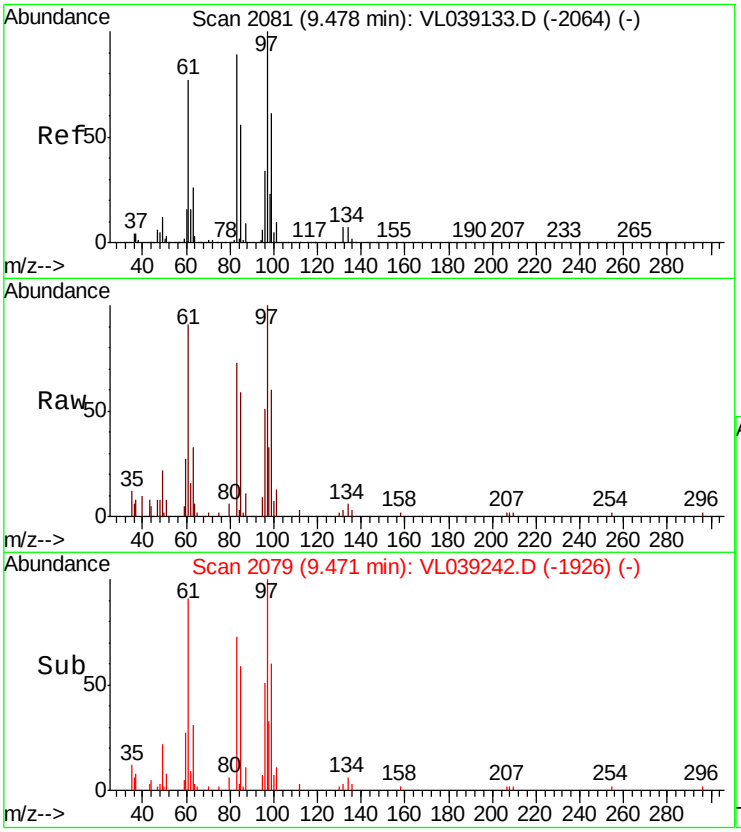


#45
t-1,3-Dichloropropene
Concen: 0.081 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 75 Resp: 6063

Ion	Ratio	Lower	Upper
75	100		
77	26.5	24.4	36.6



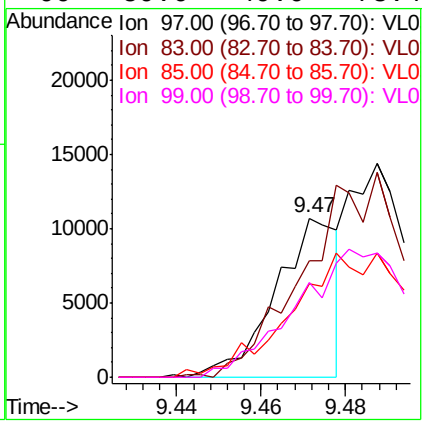


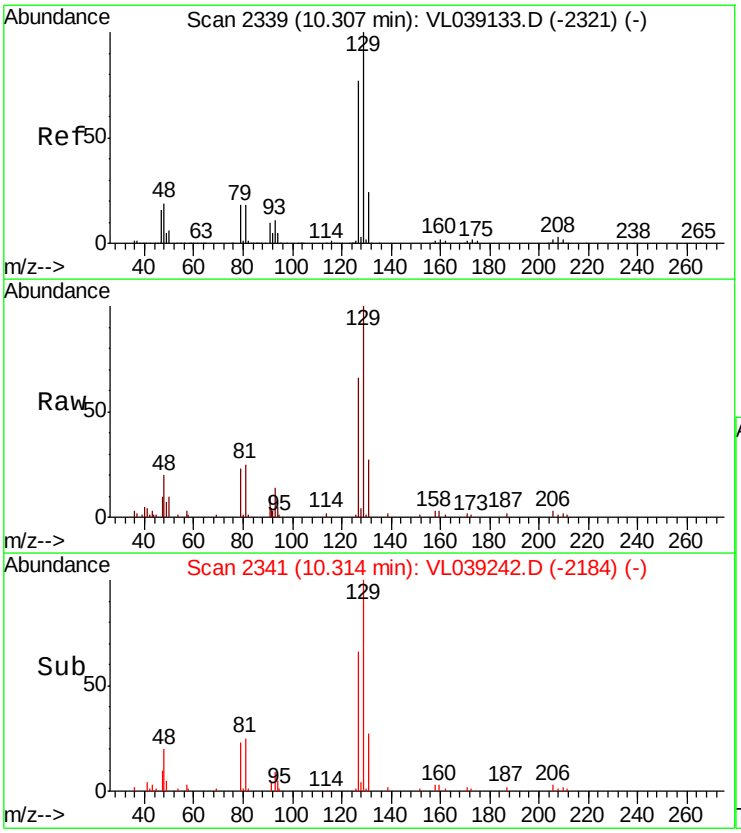
#47
1,1,2-Trichloroethane
Concen: 0.141 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 97 Resp: 10892

Ion	Ratio	Lower	Upper
97	100		
83	71.7	71.6	107.4
85	54.1	44.8	67.2
99	59.6	49.0	73.4

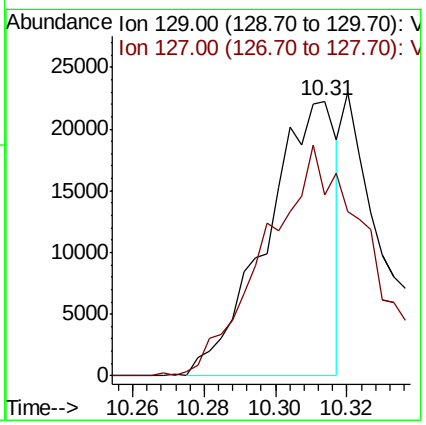


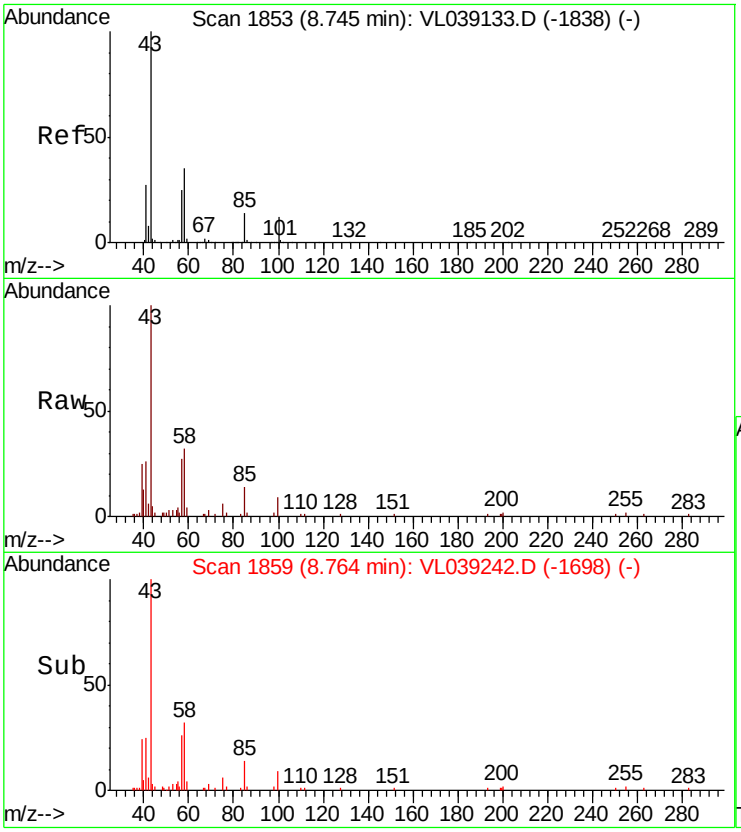


#48
Dibromochloromethane
Concen: 0.220 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:129 Resp: 30223

Ion	Ratio	Lower	Upper
129	100		
127	127.9	40.0	119.9#



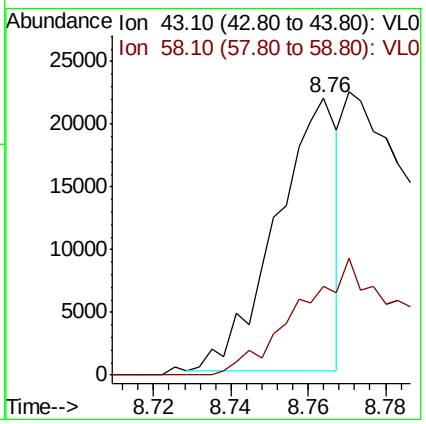


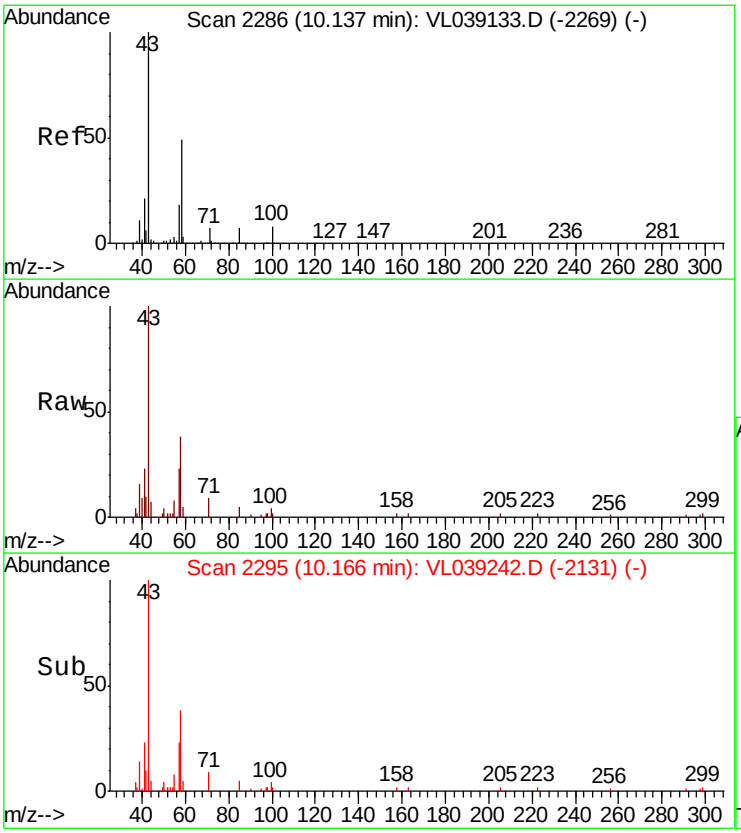
#50
4-Methyl-2-Pentanone
Concen: 0.129 ppbv
RT: 8.76
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 43 Resp: 23964

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.7	43.1#

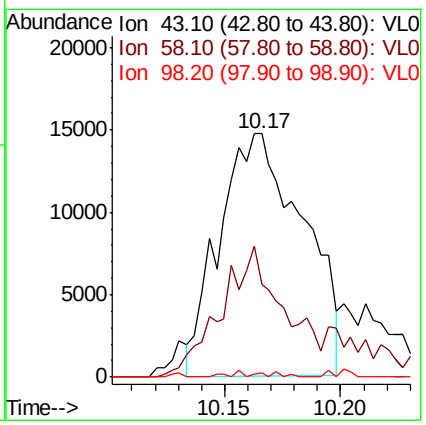


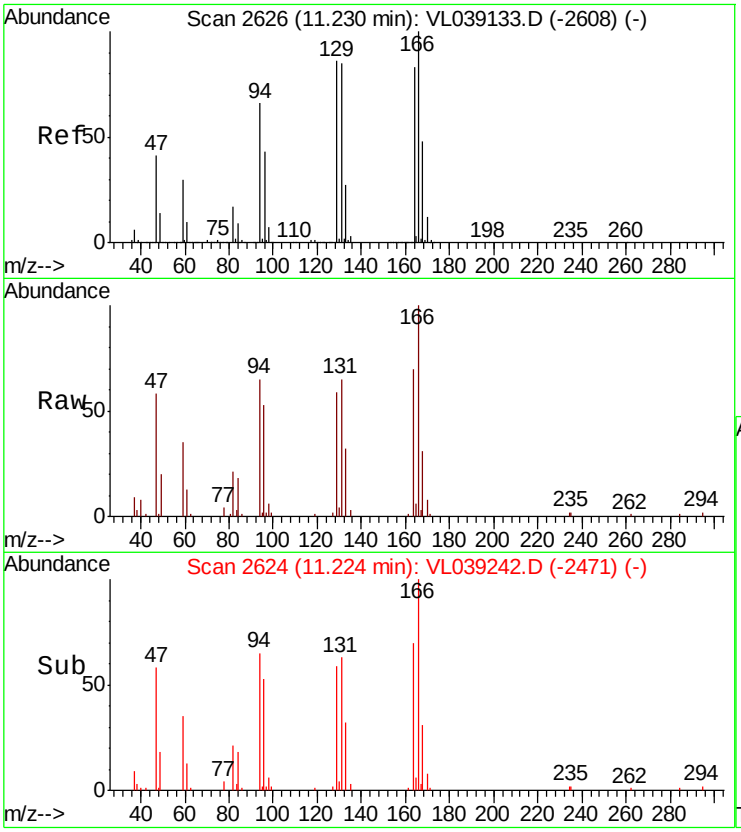


#51
2-Hexanone
Concen: 0.257 ppbv
RT: 10.17 min Scan# 2295
Delta R.T. 0.03 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 43 Resp: 37110

Ion	Ratio	Lower	Upper
43	100		
58	53.7	40.0	60.0
98	1.0	0.1	0.1#



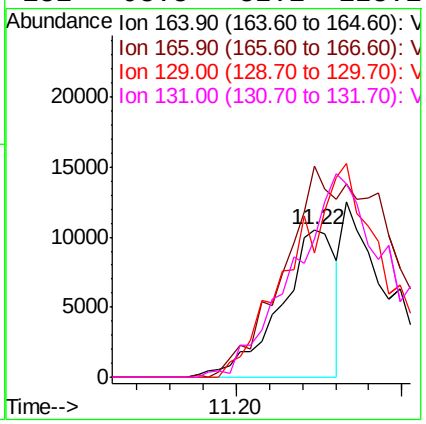


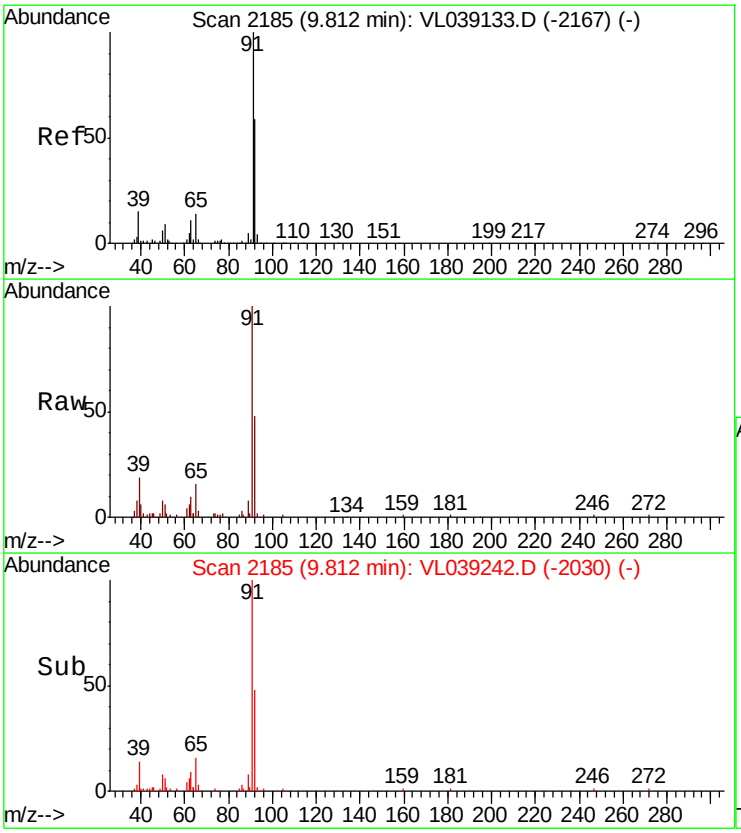
#52
Tetrachloroethene
Concen: 0.168 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:164 Resp: 12199

Ion	Ratio	Lower	Upper
164	100		
166	143.5	96.3	144.5
129	84.1	82.5	123.7
131	93.8	82.1	123.1

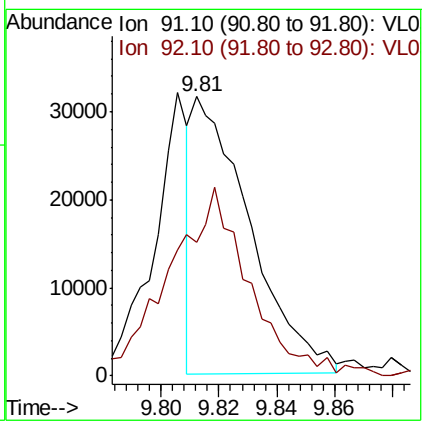


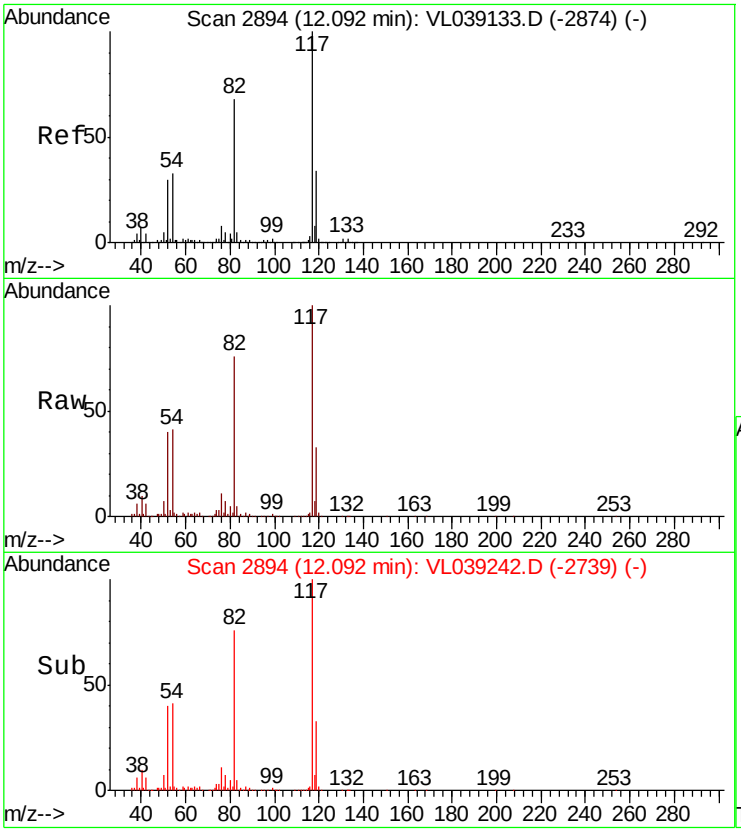


#53
Toluene
Concen: 0.200 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 91 Resp: 42809

Ion	Ratio	Lower	Upper
91	100		
92	96.2	48.1	72.1#



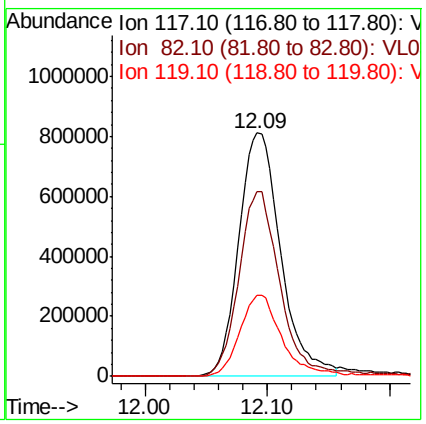


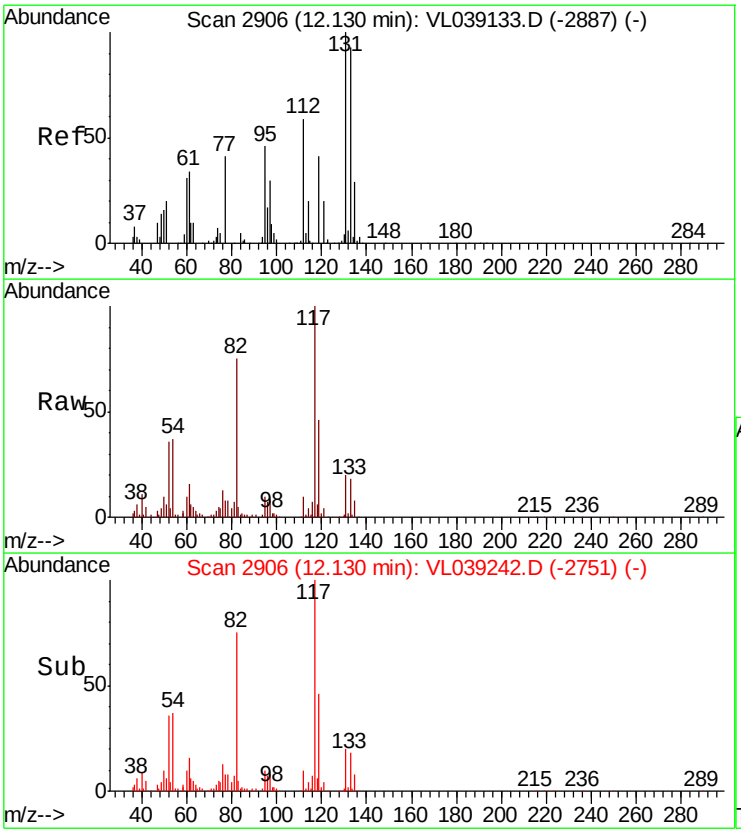
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:117 Resp: 1930068

Ion	Ratio	Lower	Upper
117	100		
82	76.1	55.1	82.7
119	34.5	24.7	37.1

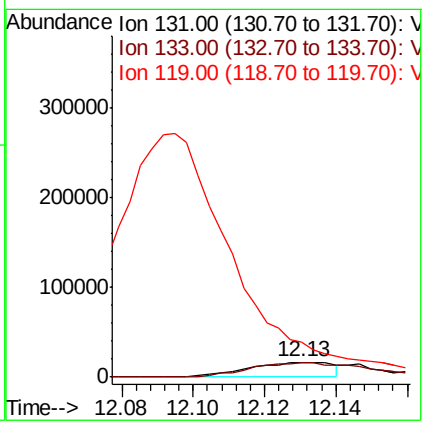


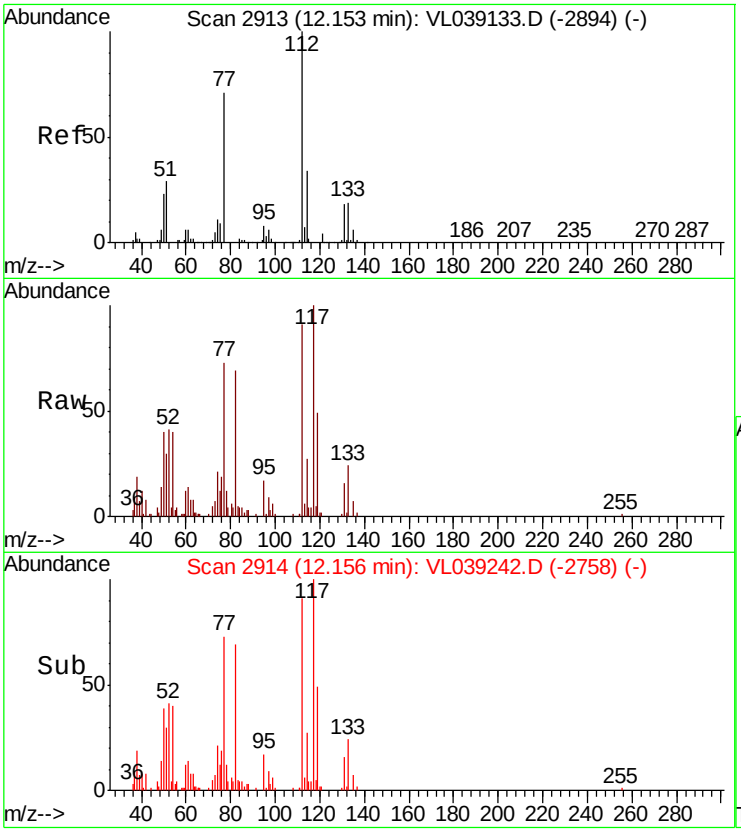


#56
1,1,1,2-Tetrachloroethane
Concen: 0.297 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:131 Resp: 27116

Ion	Ratio	Lower	Upper
131	100		
133	144.8	78.6	117.8#
119	0.0	51.7	77.5#



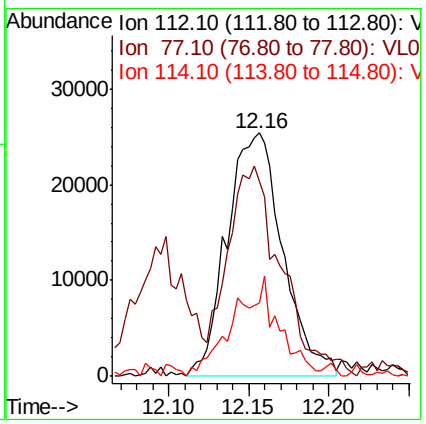


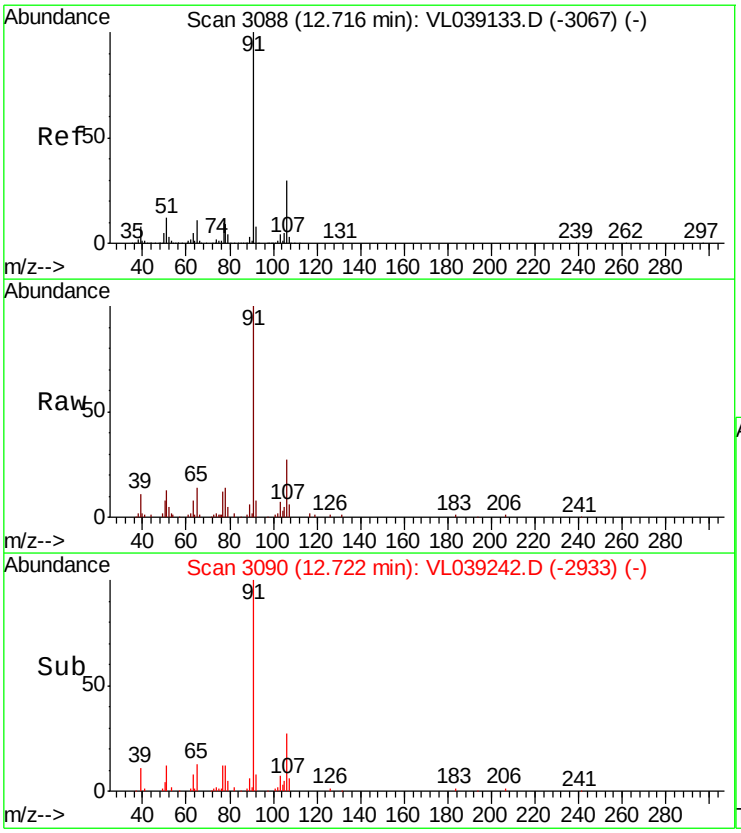
#57
Chlorobenzene
Concen: 0.418 ppbv
RT: 12.16
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:112 Resp: 60739

Ion	Ratio	Lower	Upper
112	100		
77	73.0	56.5	84.7
114	30.3	30.3	37.1

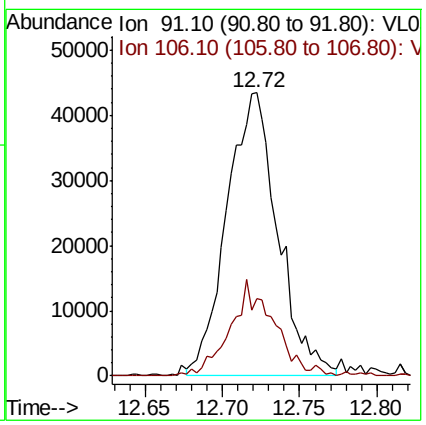


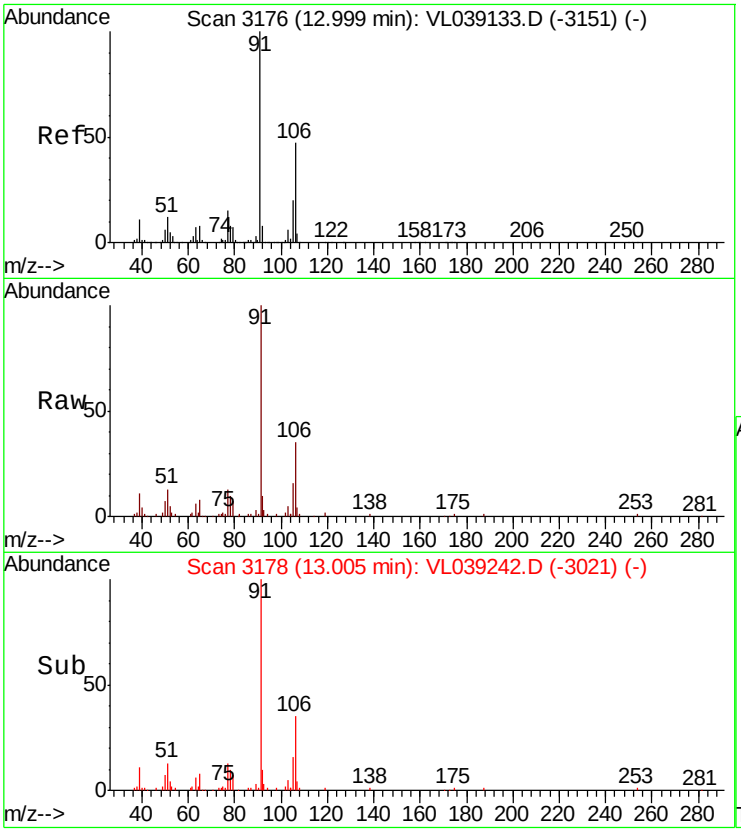


#58
Ethyl Benzene
Concen: 0.374 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 91 Resp: 99494

Ion	Ratio	Lower	Upper
91	100		
106	27.3	24.2	36.4



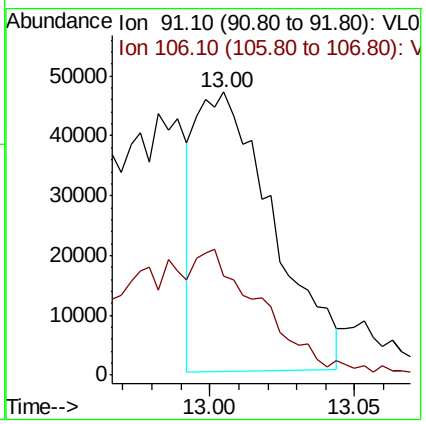


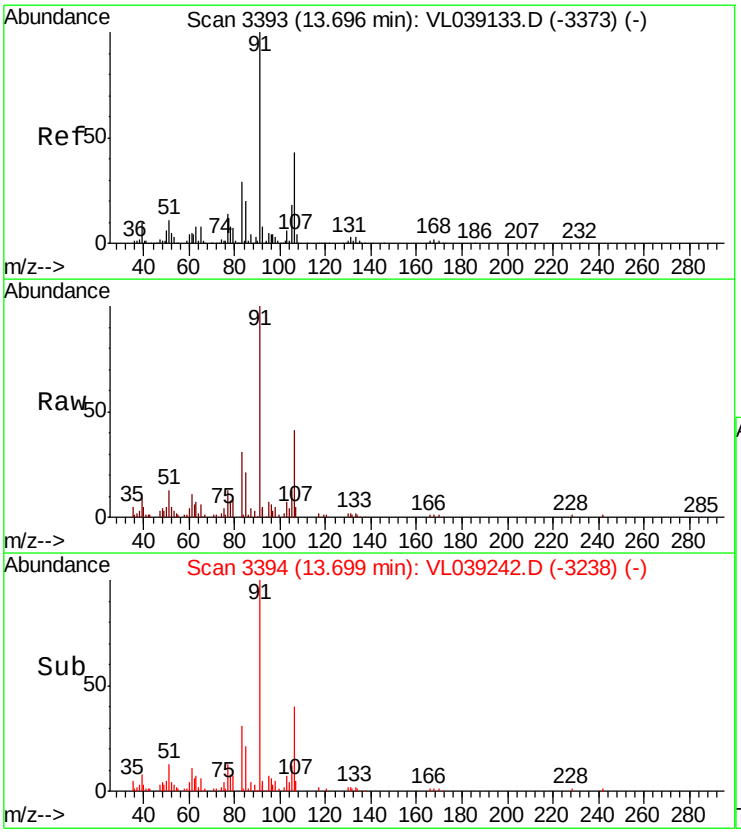
#59
m/p-Xylene
Concen: 0.367 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 91 Resp: 85998

Ion	Ratio	Lower	Upper
91	100		
106	86.1	34.3	51.5#

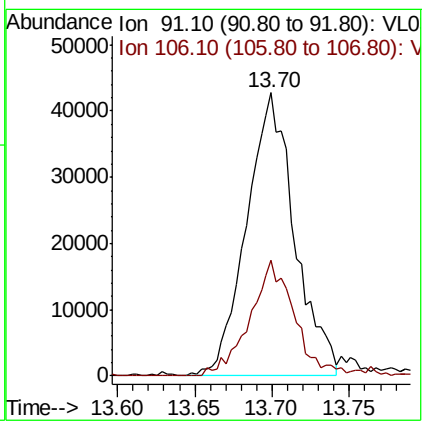


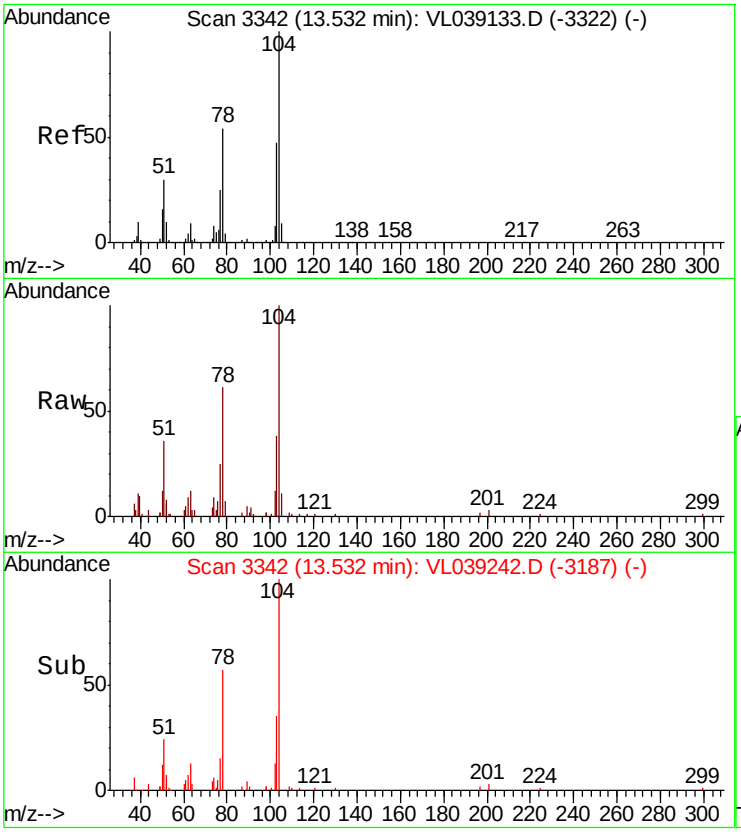


#60
o-Xylene
Concen: 0.421 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 91 Resp: 92566

Ion	Ratio	Lower	Upper
91	100		
106	38.9	22.3	66.9



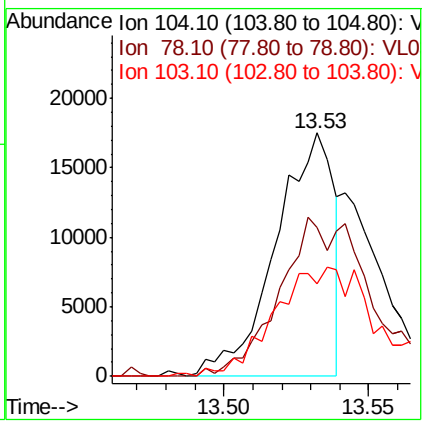


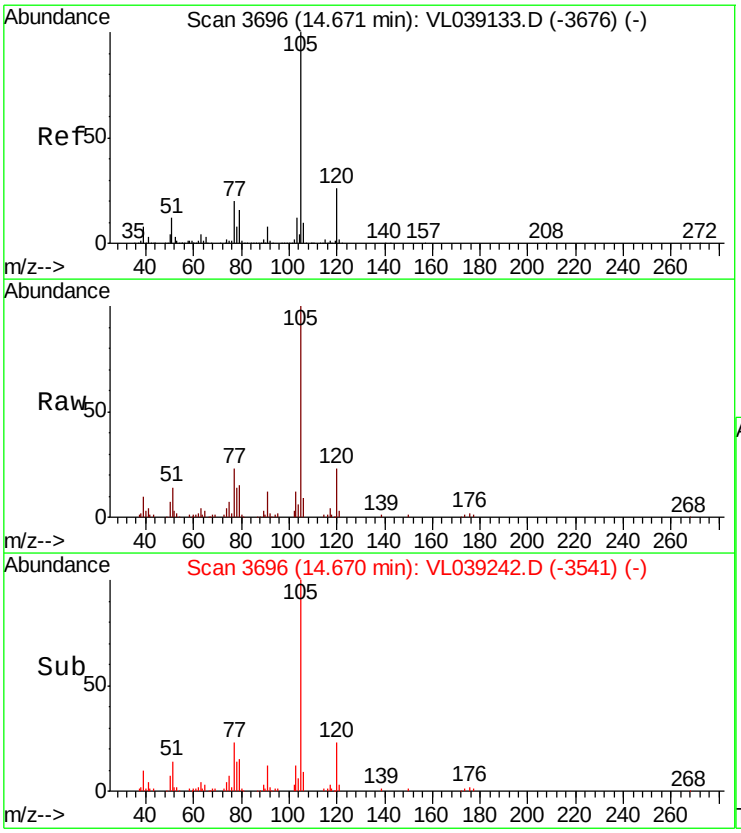
#61
Stvrene
Concen: 0.207 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:104 Resp: 24387

Ion	Ratio	Lower	Upper
104	100		
78	106.9	45.7	68.5#
103	83.7	39.6	59.4#

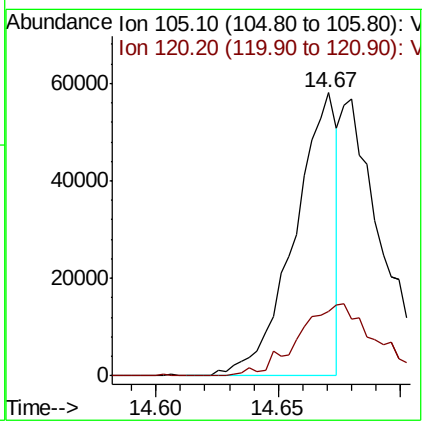


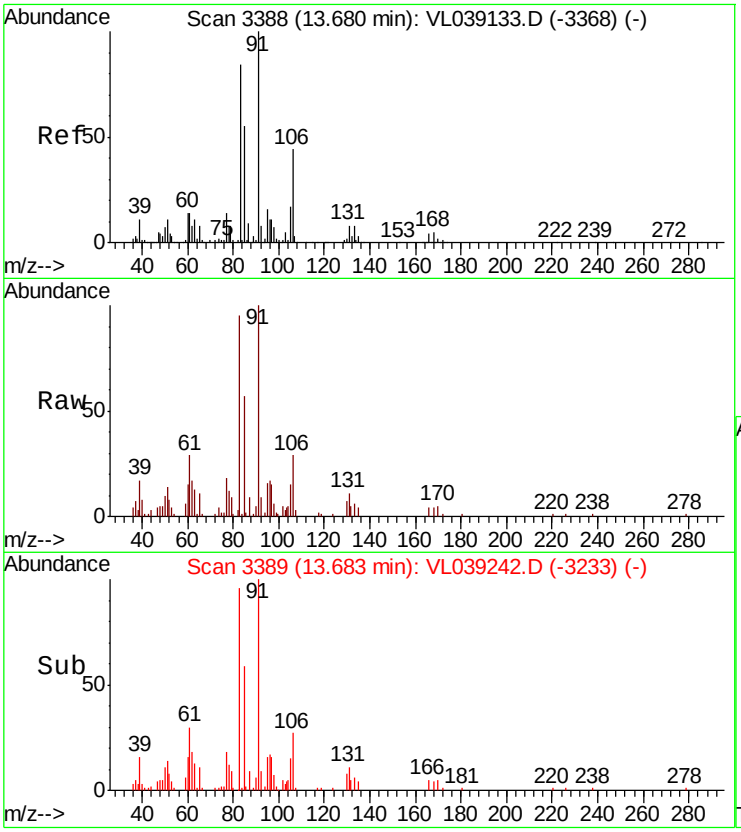


#62
Isopropylbenzene
Concen: 0.214 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:105 Resp: 70089

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	30.5#



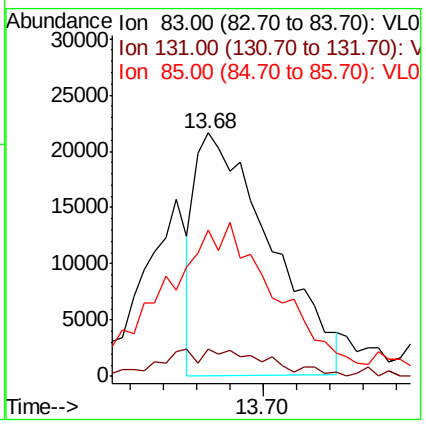


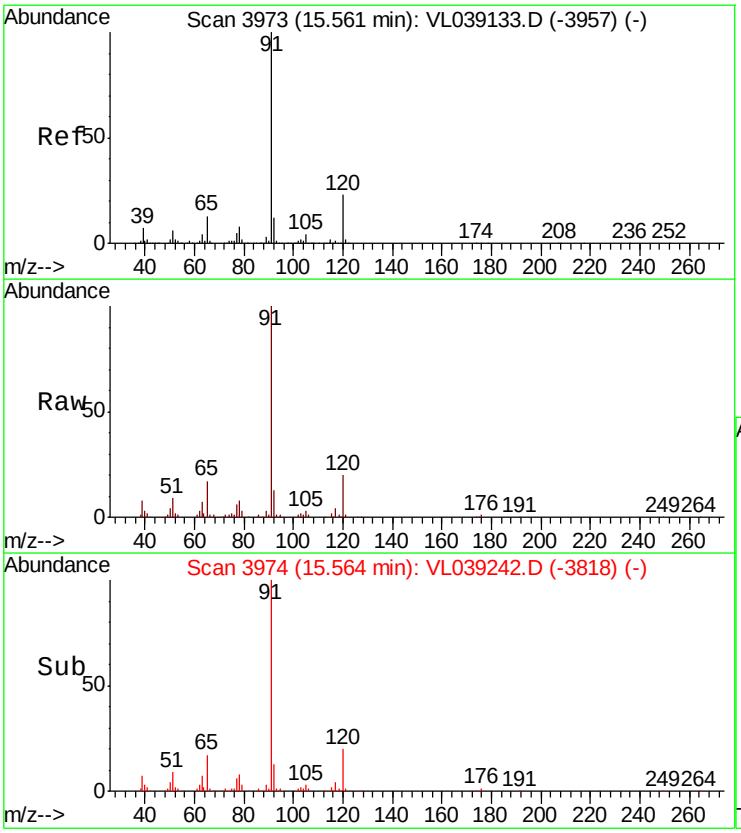
#63
1,1,2,2-Tetrachloroethane
Concen: 0.277 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 83 Resp: 34250

Ion	Ratio	Lower	Upper
83	100		
131	17.1	4.8	14.3#
85	101.3	33.0	99.0#

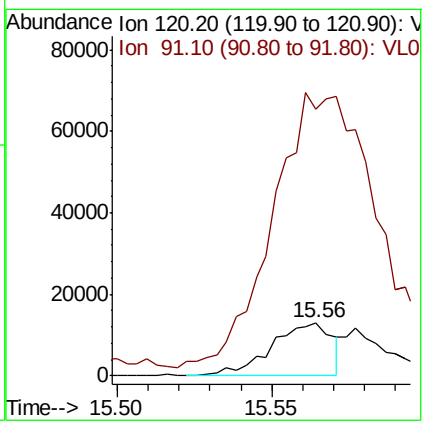


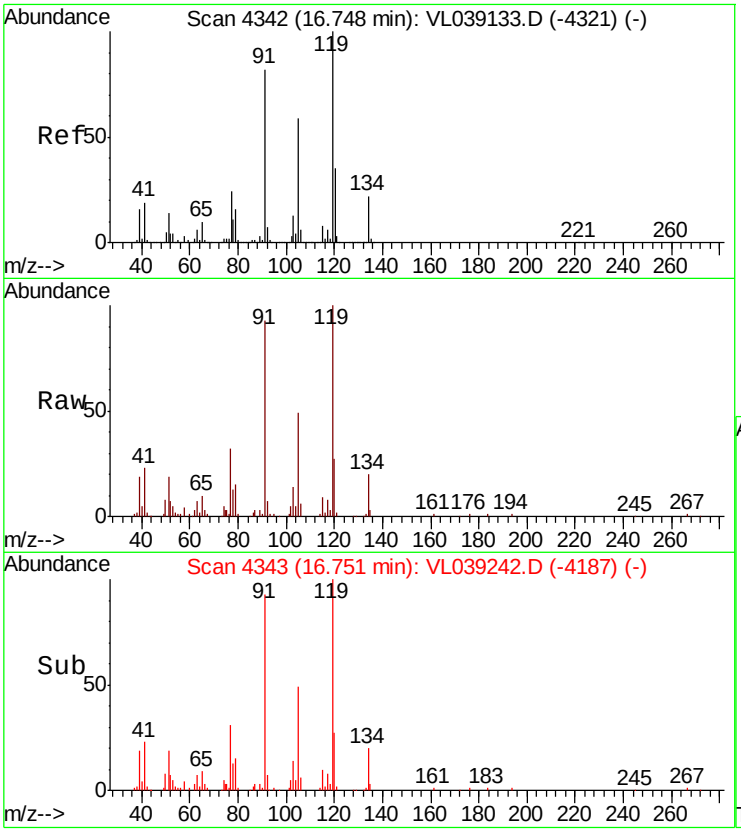


#64
n-propylbenzene
Concen: 0.223 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:120 Resp: 17897

Ion	Ratio	Lower	Upper
120	100		
91	972.8	388.4	582.6#



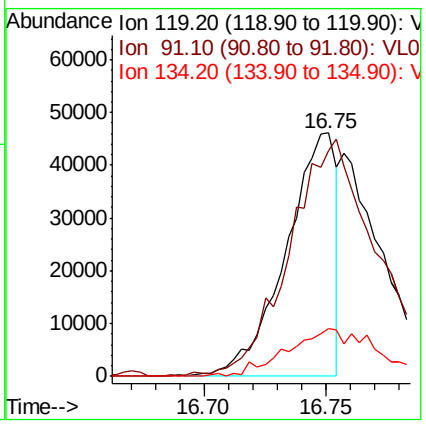


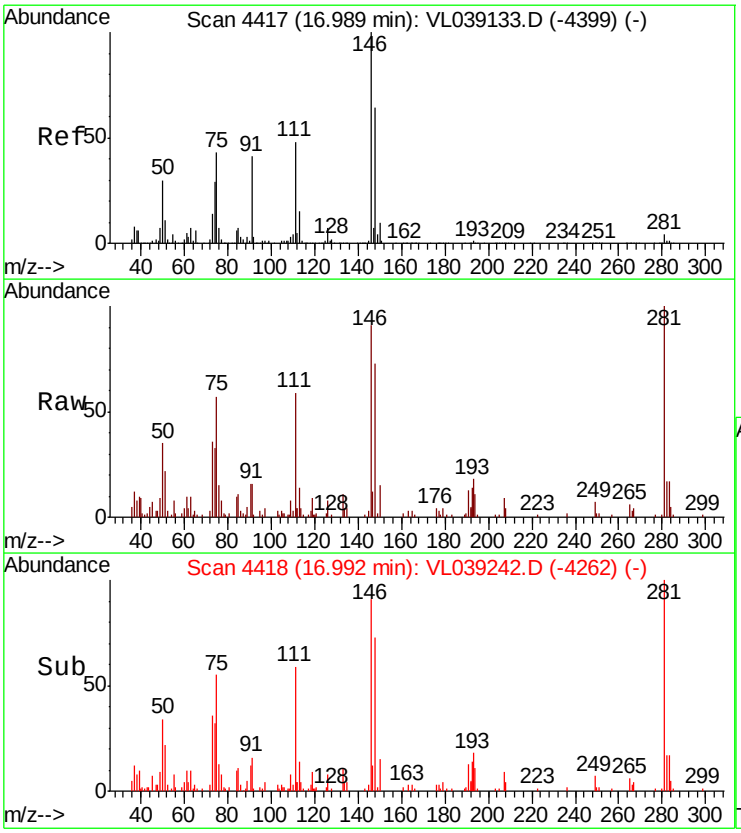
#65
tert-Butylbenzene
Concen: 0.219 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:119 Resp: 65405

Ion	Ratio	Lower	Upper
119	100		
91	0.0	67.1	100.7#
134	37.0	15.8	23.8#

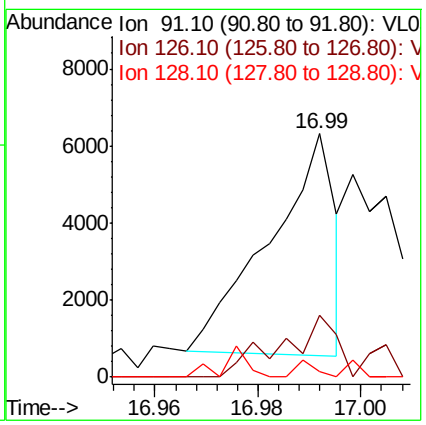


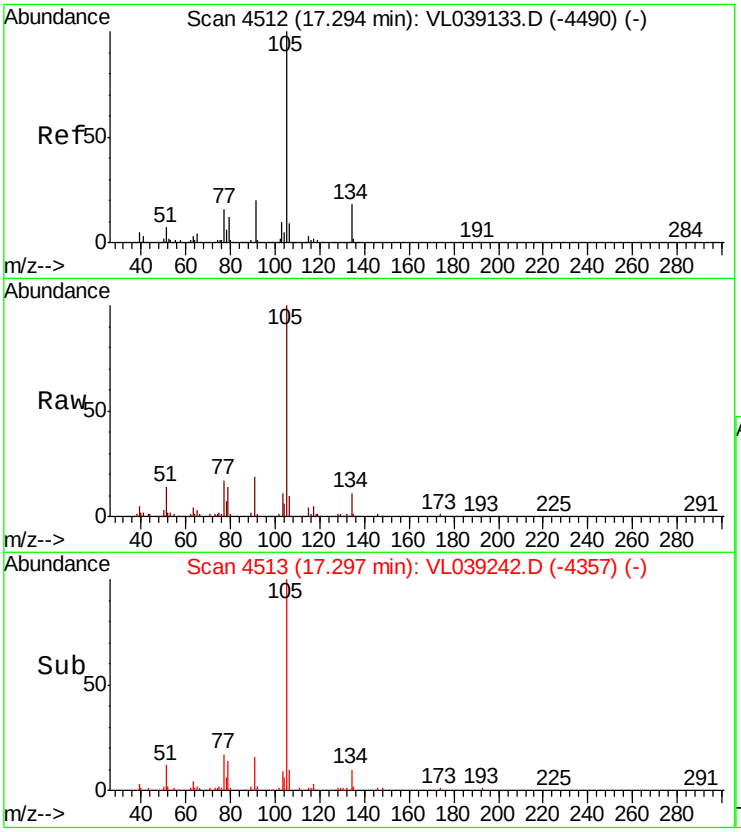


#66
Benzyl Chloride
Concen: 0.131 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 91 Resp: 5093

Ion	Ratio	Lower	Upper
91	100		
126	23.0	13.4	20.0#
128	9.0	4.1	6.1#



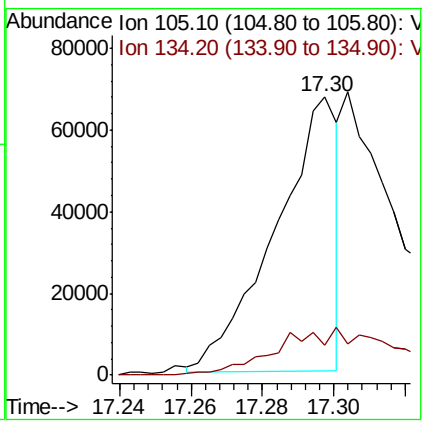


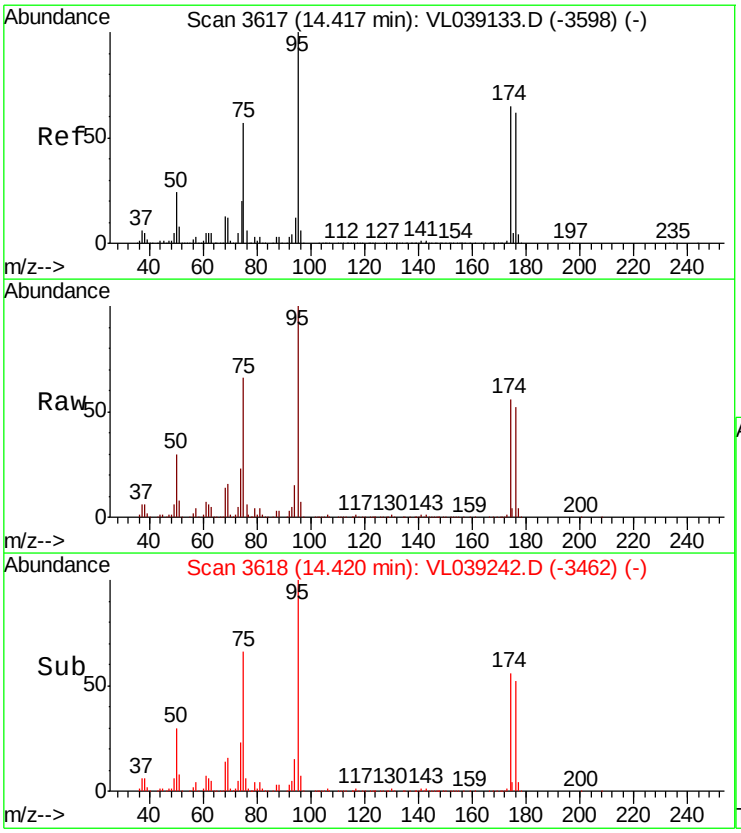
#67
sec-Butylbenzene
Concen: 0.200 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:105 Resp: 81396

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.4	21.6#

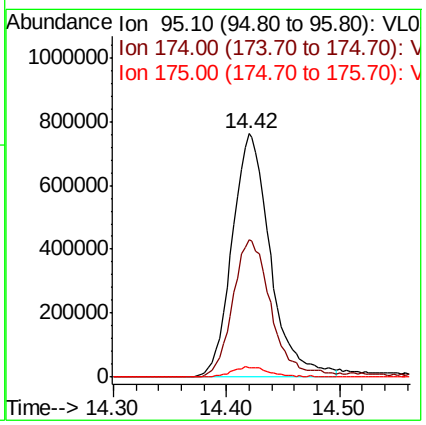


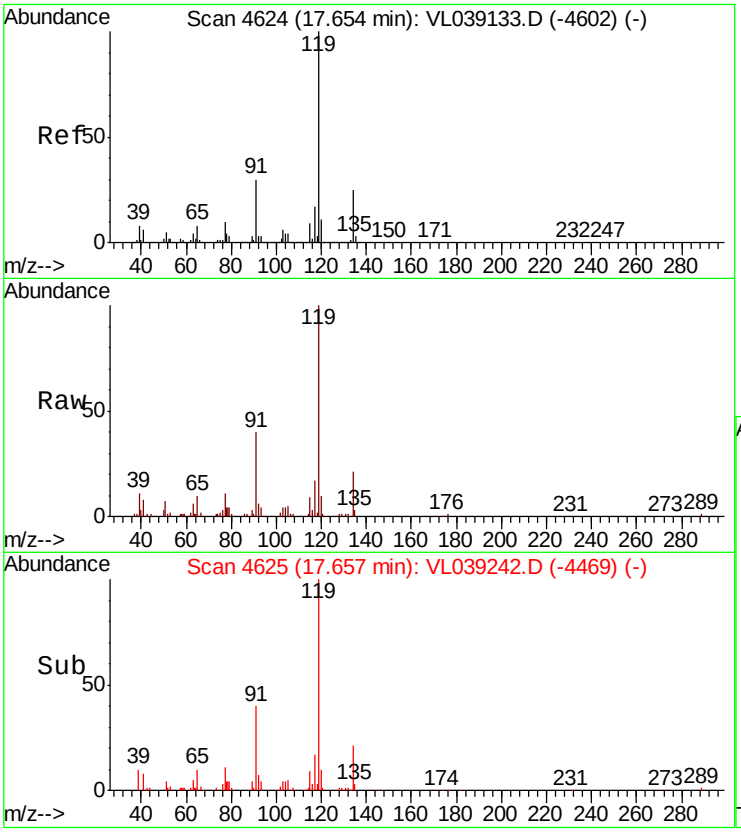


#68
1-Bromo-4-Fluorobenzene
Concen: 11.166 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 95 Resp: 1781784

Ion	Ratio	Lower	Upper
95	100		
174	58.5	53.8	80.8
175	4.2	4.1	6.1



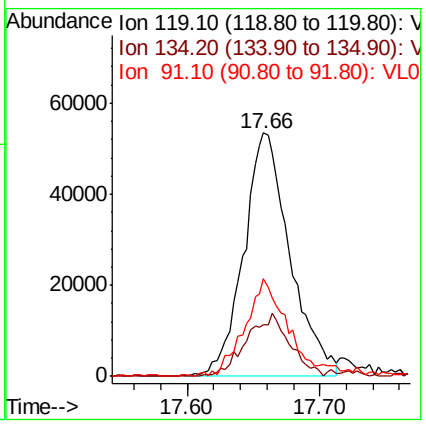


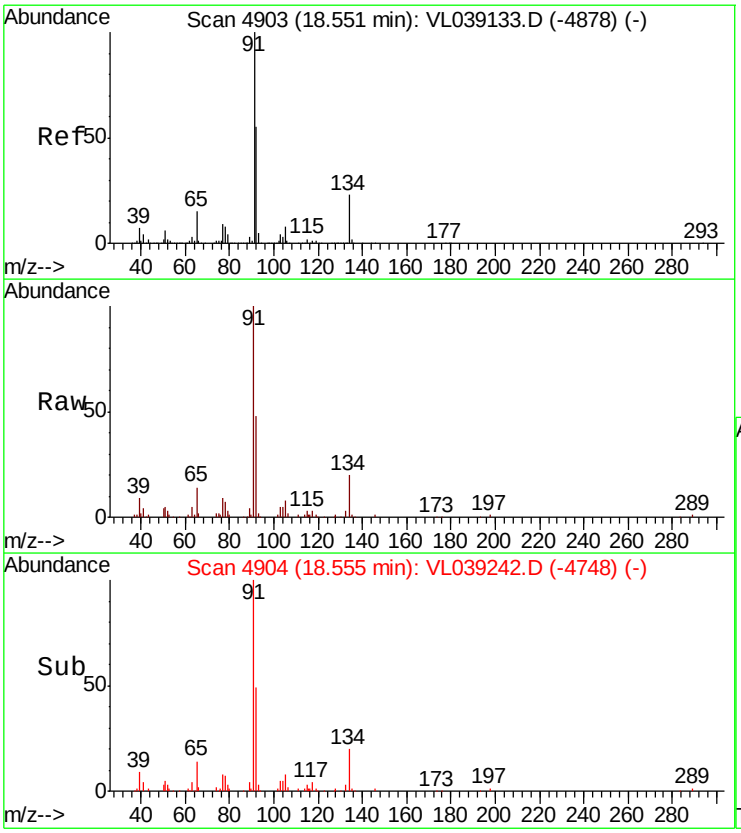
#69
p-Isopropyltoluene
Concen: 0.378 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:119 Resp: 130133

Ion	Ratio	Lower	Upper
119	100		
134	24.0	20.4	30.6
91	39.6	24.2	36.4#

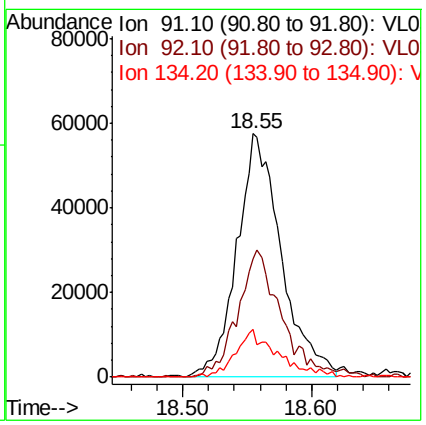


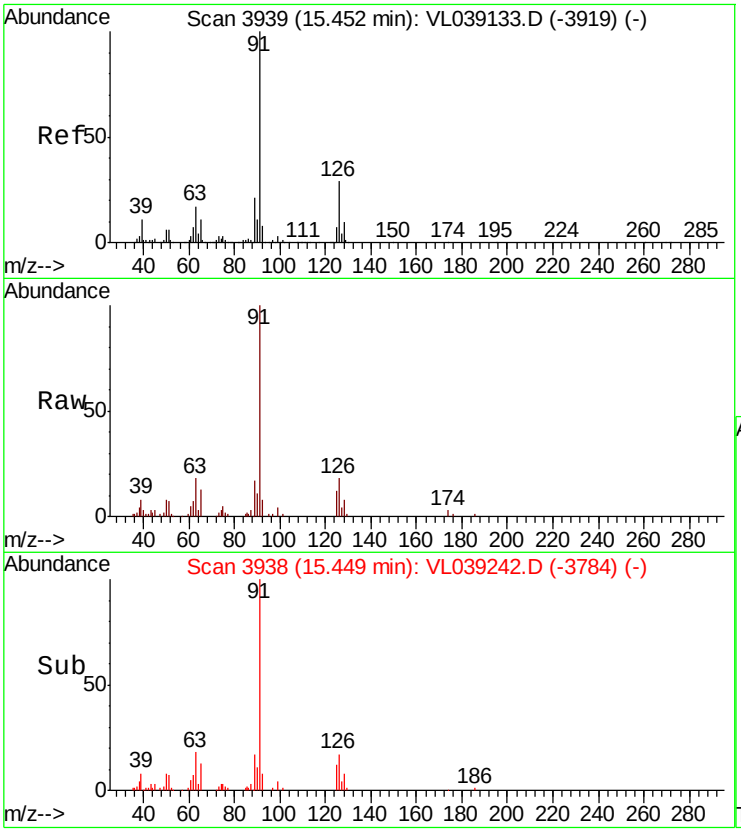


#70
n-Butylbenzene
Concen: 0.390 ppbv
RT: 18.55 min Scan# 4904
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 91 Resp: 137632

Ion	Ratio	Lower	Upper
91	100		
92	51.7	43.6	65.4
134	18.7	17.7	26.5



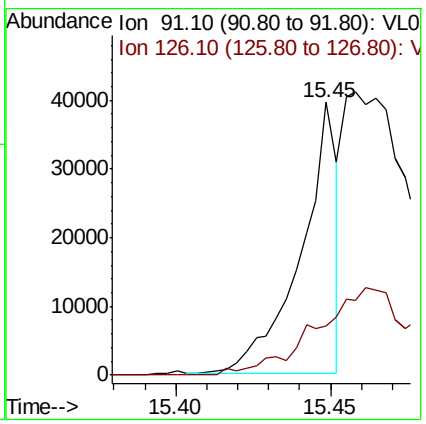


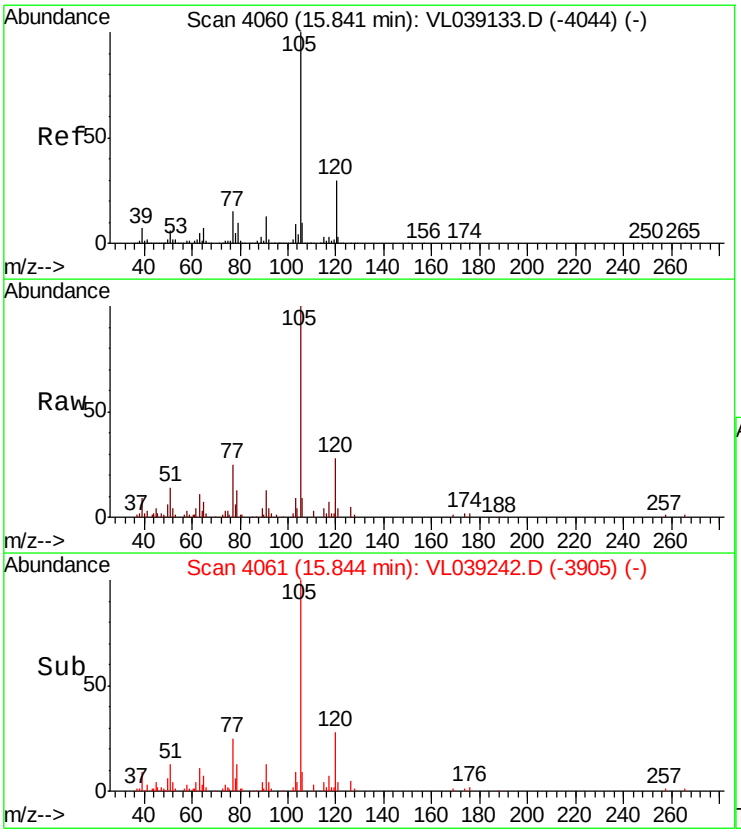
#71
2-Chlorotoluene
Concen: 0.129 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion: 91 Resp: 32095

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.2	48.6#

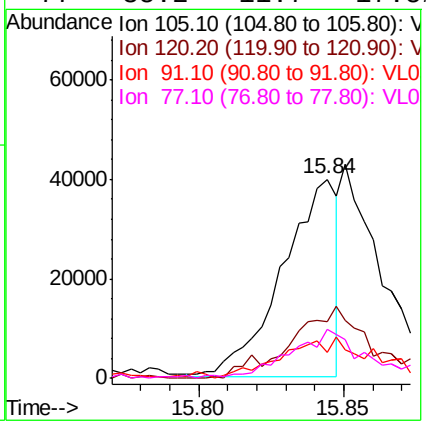


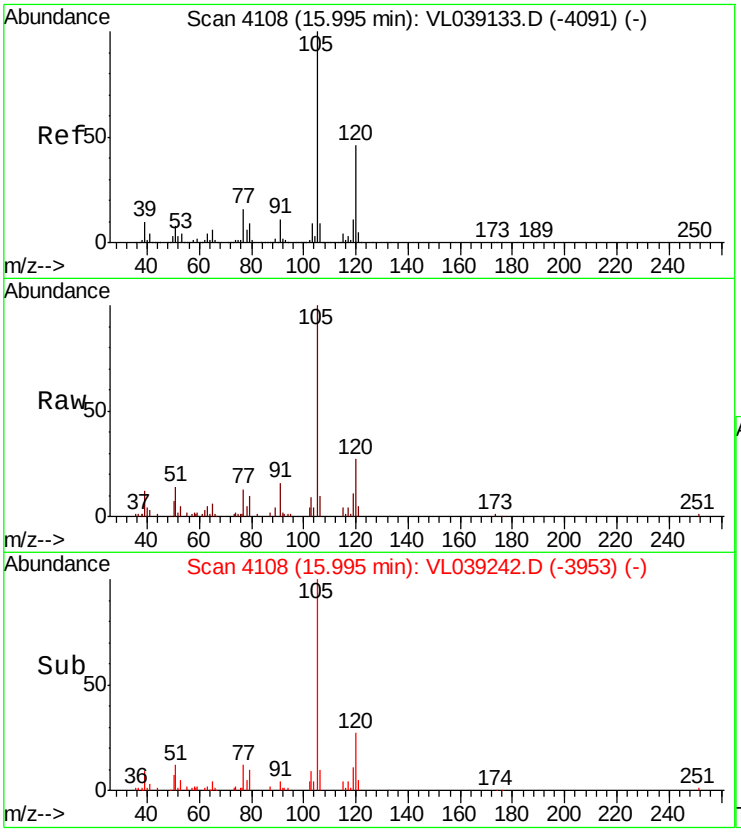


#72
4-Ethyltoluene
Concen: 0.203 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:105 Resp: 52449

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.9	35.9#
91	0.0	10.6	16.0#
77	35.2	11.7	17.5#



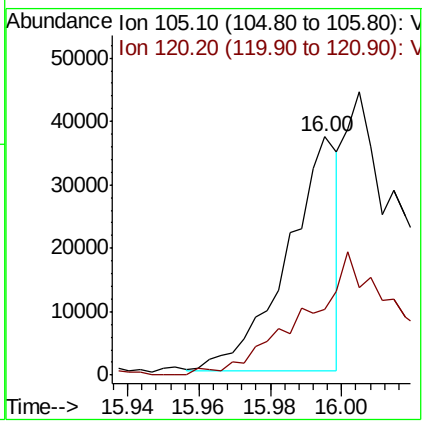


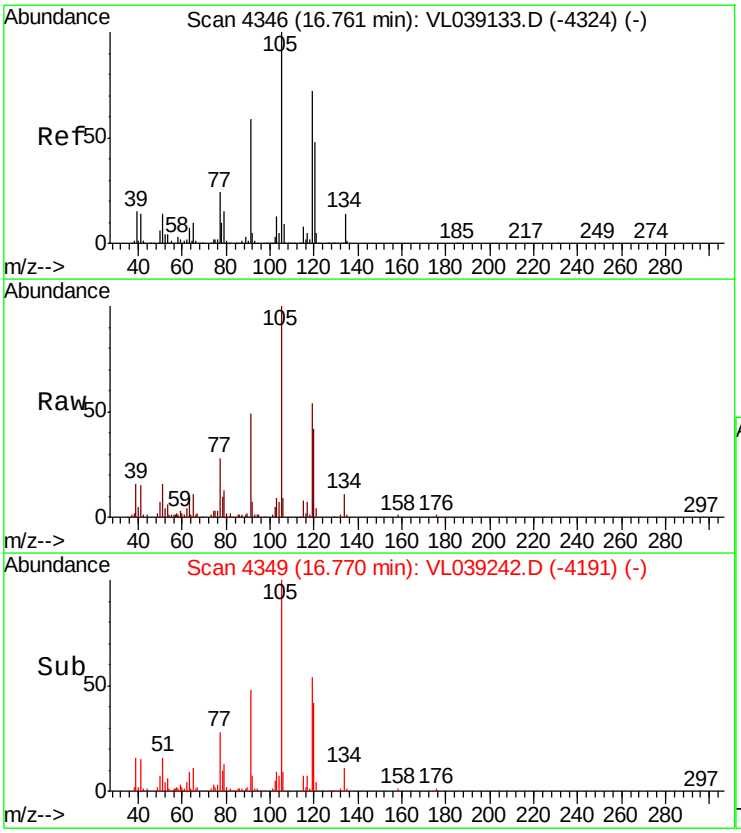
#73
1,3,5-Trimethylbenzene
Concen: 0.159 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:105 Resp: 36896

Ion	Ratio	Lower	Upper
105	100		
120	27.2	36.7	55.1#

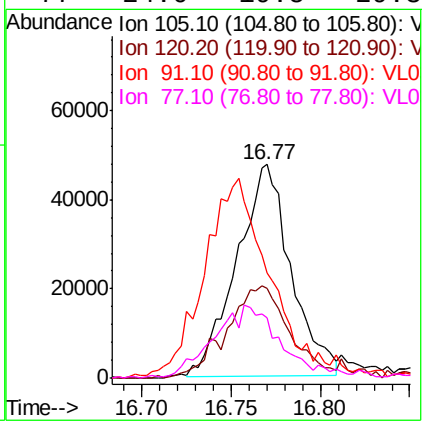


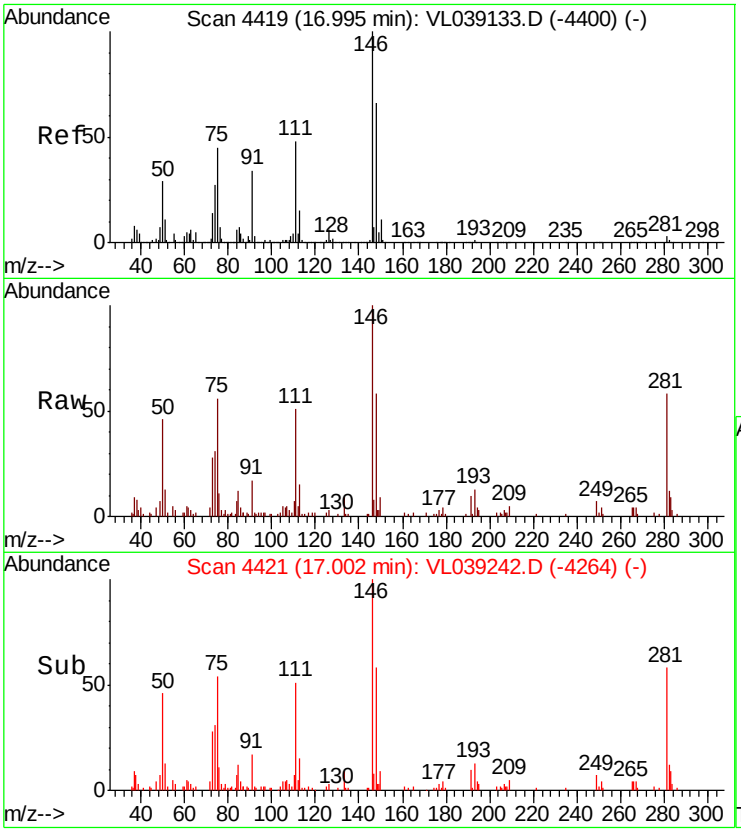


#74
1,2,4-Trimethylbenzene
Concen: 0.389 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:105 Resp: 100926

Ion	Ratio	Lower	Upper
105	100		
120	42.9	38.1	57.1
91	38.9	47.4	71.0#
77	24.0	19.5	29.3



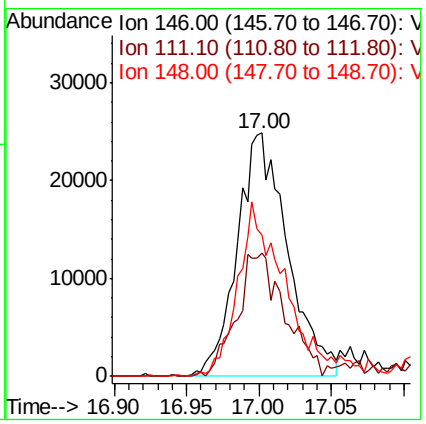


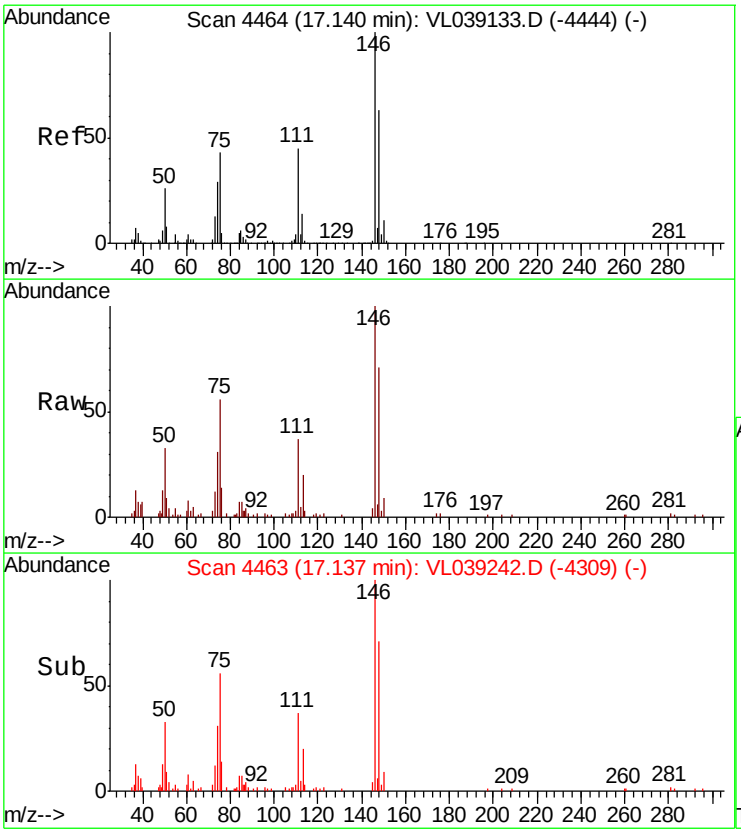
#75
1,3-Dichlorobenzene
Concen: 0.409 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:146 Resp: 60055

Ion	Ratio	Lower	Upper
146	100		
111	51.7	23.8	71.4
148	69.2	32.4	97.0

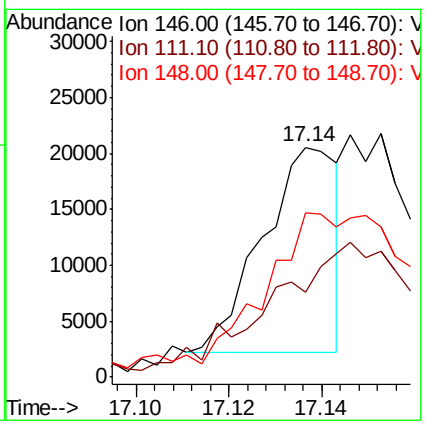


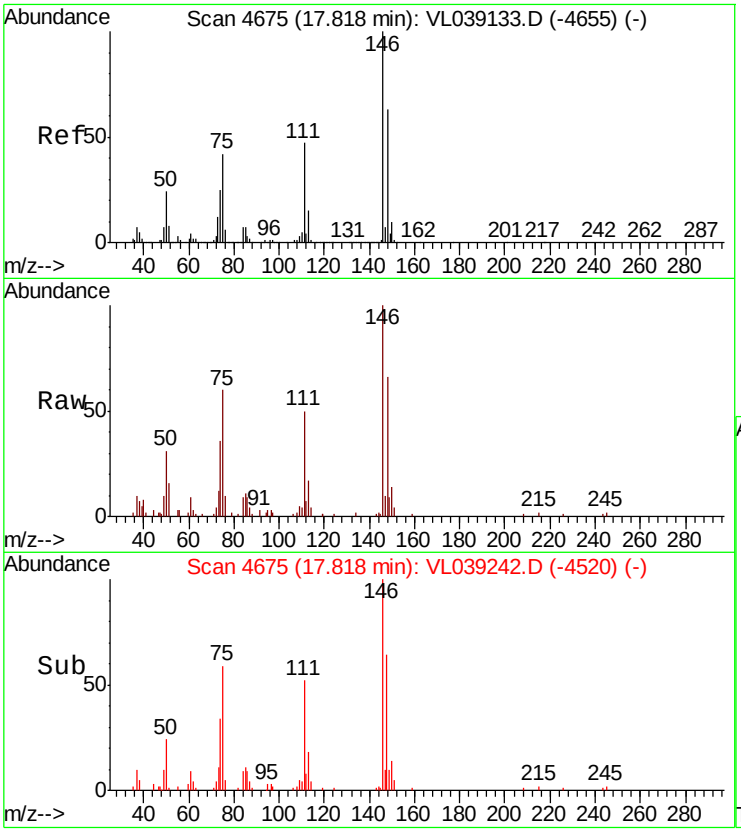


#76
1,4-Dichlorobenzene
Concen: 0.140 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:146 Resp: 20512

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.6	71.0#
148	193.8	33.7	101.0#



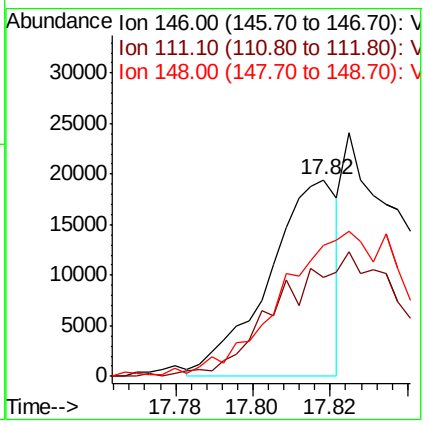


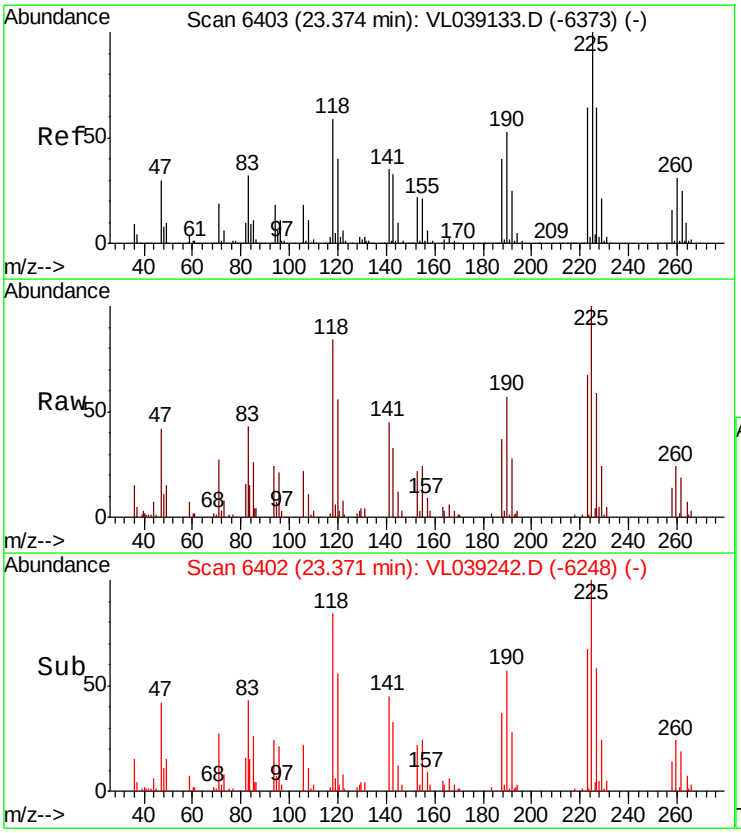
#77
1,2-Dichlorobenzene
Concen: 0.162 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:146 Resp: 23942

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

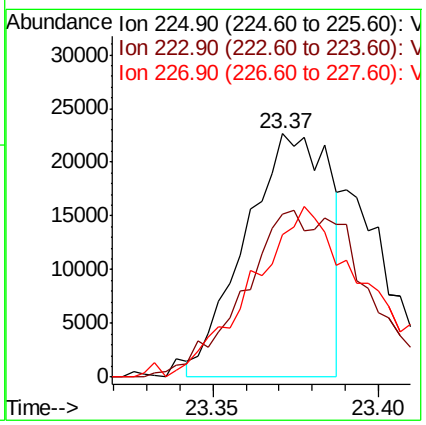


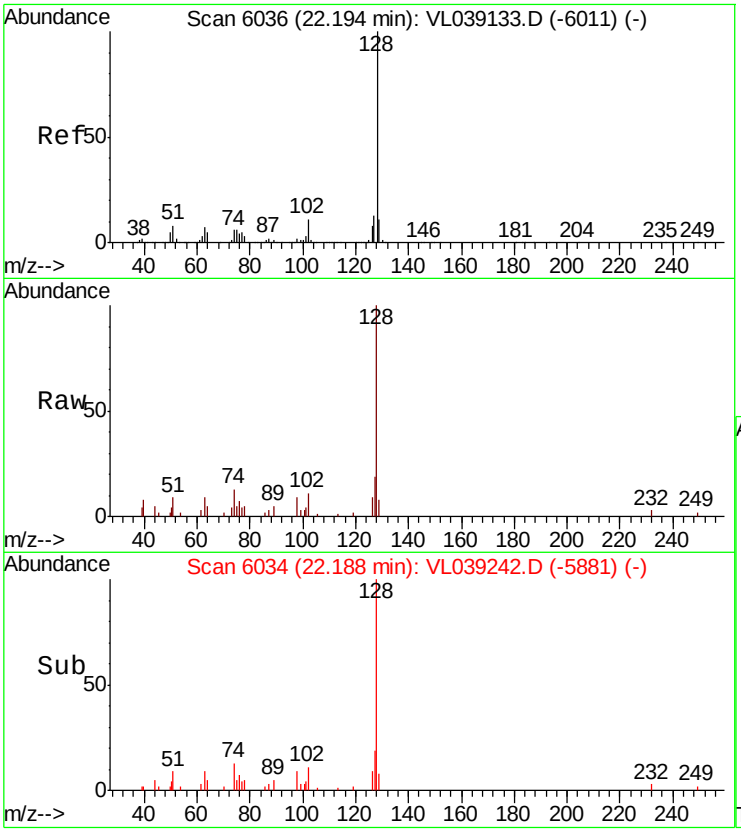


#78
Hexachloro-1,3-Butadiene
Concen: 0.296 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. -0.00 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:225 Resp: 40129

Ion	Ratio	Lower	Upper
225	100		
223	101.2	51.4	77.0#
227	96.5	50.6	75.8#



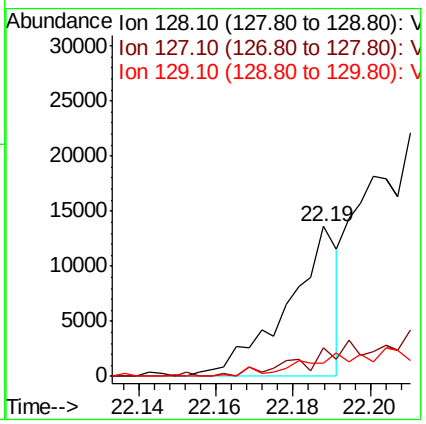


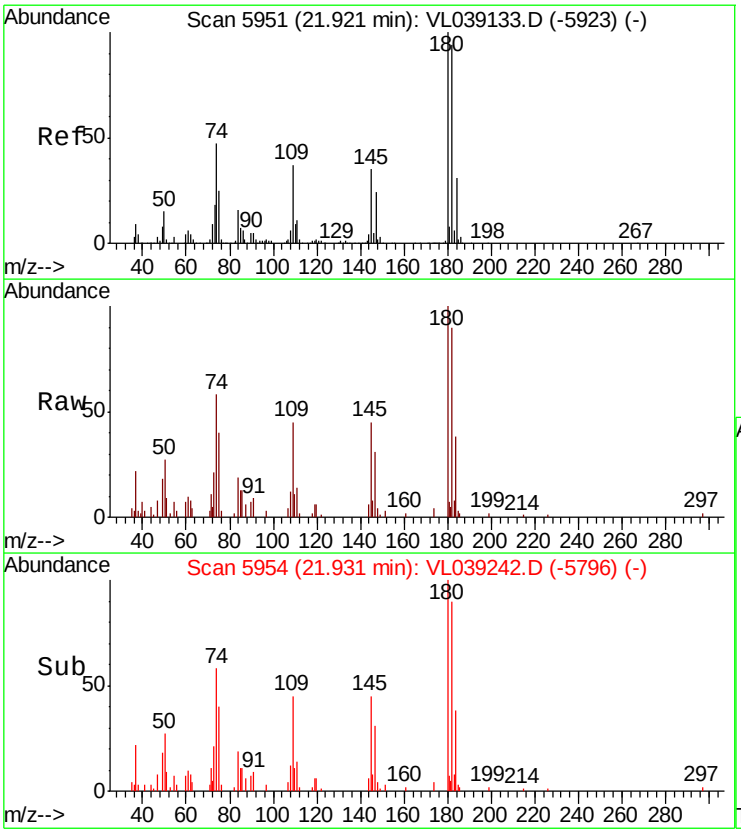
#79
Naphthalene
Concen: 0.062 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 8 Jun 2022 19:44

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

Tgt Ion:128 Resp: 12346

Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.4	15.6#
129	8.5	9.0	13.6#





#81
1,2,4-Trichlorobenzene
Concen: 0.169 ppbv
RT: 21.93 min Scan# 5954
Delta R.T. 0.01 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:180 Resp: 21367

Ion	Ratio	Lower	Upper
180	100		
182	190.3	0.0	0.0#
184	59.1	0.0	0.0#