

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039599.D
 Acq On : 26 Aug 2022 11:52
 Operator : SY/AP
 Sample : N3980-15 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Quant Time: Aug 26 23:56:29 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.208	49	915493	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2474595	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2172209	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1625235	9.917	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	93416	0.767	ppbv	99
3) Chlorodifluoromethane	2.697	51	60325	0.553	ppbv	98
4) Chloromethane	2.838	50	37106	0.565	ppbv #	85
5) Vinyl Chloride	2.944	62	29908	0.564	ppbv	97
6) Bromomethane	3.144	94	8690	0.386	ppbv	88
7) Chloroethane	3.218	64	11383	0.573	ppbv	98
8) Dichlorotetrafluoroethane	2.877	85	78979	0.606	ppbv	98
9) Propene	2.722	41	30011	0.601	ppbv	94
10) Heptane	7.590	43	50841	0.440	ppbv	96
11) Trichlorofluoromethane	3.584	101	75181	0.562	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.083	101	56126	0.568	ppbv	100
13) Ethanol	3.256	45	609	0.170	ppbv #	23
14) Bromoethene	3.391	108	21292	0.527	ppbv #	89
15) Acetone	3.497	43	61622	0.601	ppbv	90
16) 1,3-Butadiene	3.005	39	27842	0.520	ppbv	96
17) tert-Butyl alcohol	3.909	59	16709	0.191	ppbv #	71
18) 1,1-Dichloroethene	3.906	96	8799	0.198	ppbv	90
19) Isopropyl Alcohol	3.607	45	15737	0.315	ppbv #	88
20) Methylene Chloride	3.954	84	34805	0.835	ppbv	99
21) Allyl Chloride	4.018	41	29037	0.435	ppbv #	73
23) Vinyl Acetate	4.645	43	21273	0.436	ppbv #	83
24) 1,1-Dichloroethane	4.581	63	52345	0.580	ppbv #	95
25) Ethyl Acetate	5.227	43	107033	0.488	ppbv #	95
26) Hexane	5.227	57	47546	0.531	ppbv #	83
27) Carbon Disulfide	4.147	76	35264	0.369	ppbv #	64
28) Methyl tert-Butyl Ether	4.613	73	33469	0.433	ppbv	94
29) Chloroform	5.285	83	39196	0.280	ppbv	90
30) Cyclohexane	6.597	84	4207	0.057	ppbv #	1
31) cis-1,2-Dichloroethene	5.095	61	37488	0.432	ppbv	98
32) 1,1,1-Trichloroethane	6.018	97	61511	0.499	ppbv #	90
34) 2-Butanone	4.816	43	66782	0.543	ppbv	100
35) Carbon Tetrachloride	6.504	117	67447	0.504	ppbv #	92
36) Benzene	6.382	78	47193	0.250	ppbv	93
37) 1,2-Dichloroethane	5.822	62	53970	0.519	ppbv	99
38) Trichloroethene	7.298	130	23888	0.236	ppbv	88
39) 1,2-Dichloropropane	7.082	63	20228	0.285	ppbv #	84
40) 1,4-Dioxane	7.311	88	1191	0.043	ppbv #	1
41) Tetrahydrofuran	5.603	42	27036	0.368	ppbv	95
42) Bromodichloromethane	7.256	83	36635	0.258	ppbv	94
43) Methyl Methacrylate	7.488	69	13432	0.197	ppbv #	1
44) 2,2,4-Trimethylpentane	7.336	57	151347	0.476	ppbv	93
45) t-1,3-Dichloropropene	8.719	75	15940	0.269	ppbv	95
46) cis-1,3-Dichloropropene	8.143	75	8860	0.108	ppbv	92

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

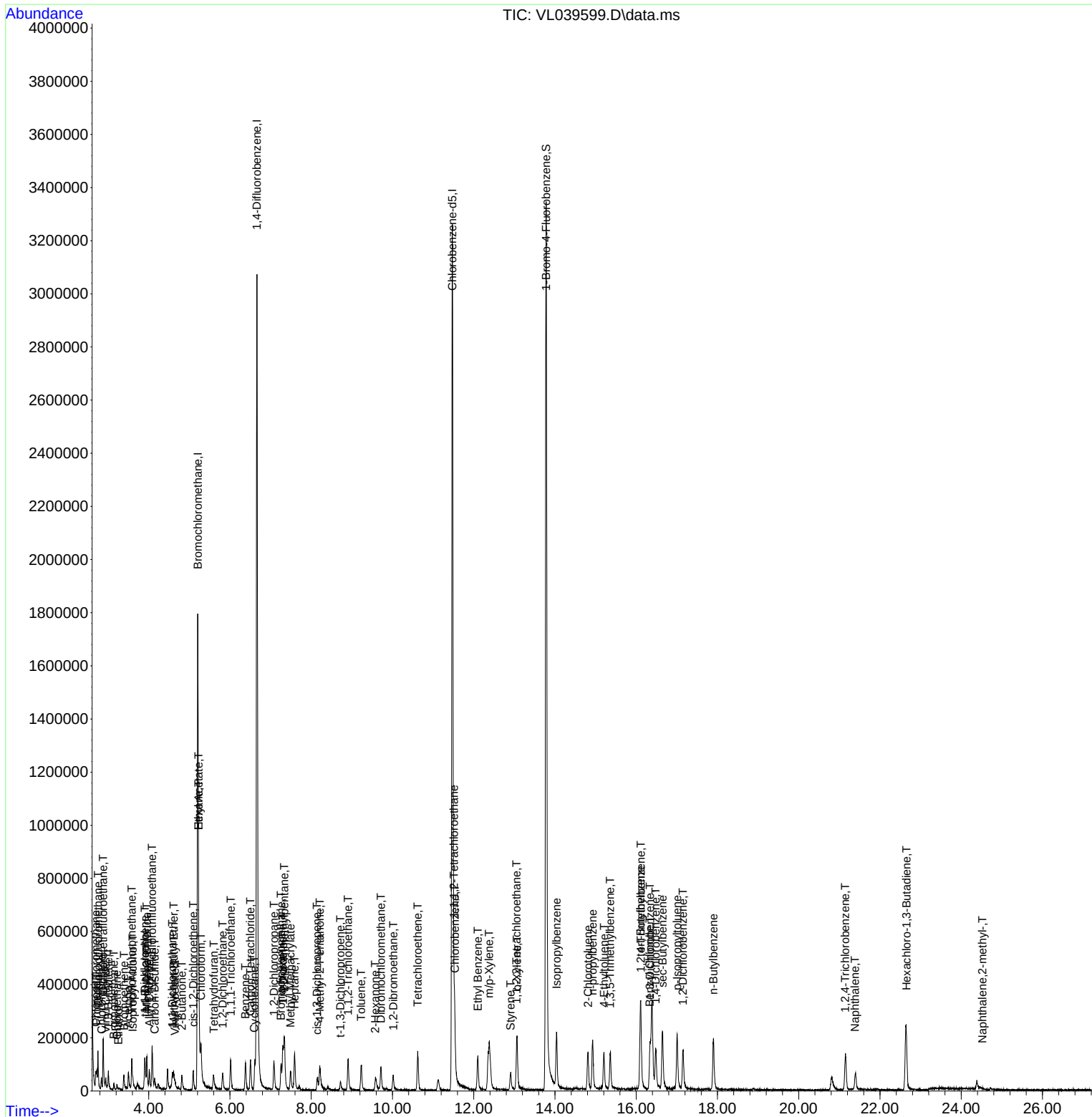
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

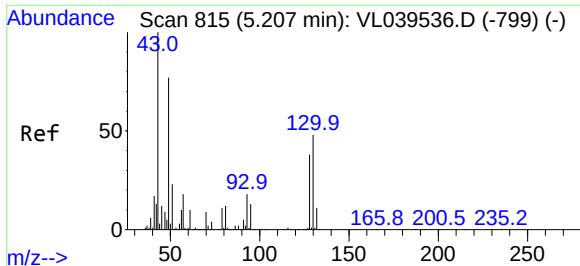
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.906	97	20977	0.259	ppbv	96
48) Dibromochloromethane	9.719	129	37772	0.316	ppbv	62
50) 4-Methyl-2-Pentanone	8.214	43	70611	0.368	ppbv	100
51) 2-Hexanone	9.578	43	19637	0.139	ppbv #	29
52) Tetrachloroethene	10.622	164	34833	0.488	ppbv #	80
53) Toluene	9.230	91	42313	0.200	ppbv #	21
54) 1,2-Dibromoethane	10.018	107	40596	0.448	ppbv	82
56) 1,1,1,2-Tetrachloroethane	11.513	131	48098	0.545	ppbv #	1
57) Chlorobenzene	11.539	112	90887	0.561	ppbv	95
58) Ethyl Benzene	12.102	91	100938	0.404	ppbv	90
59) m/p-Xylene	12.378	91	56522	0.252	ppbv #	1
60) o-Xylene	13.066	91	63109	0.294	ppbv #	63
61) Styrene	12.905	104	19473	0.170	ppbv #	27
62) Isopropylbenzene	14.037	105	163136	0.502	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	34841	0.342	ppbv #	24
64) n-propylbenzene	14.928	120	26319	0.312	ppbv #	1
65) tert-Butylbenzene	16.105	119	147263	0.510	ppbv	97
66) Benzyl Chloride	16.333	91	3054	0.130	ppbv #	72
67) sec-Butylbenzene	16.648	105	200492	0.490	ppbv	100
69) p-Isopropyltoluene	17.008	119	150647	0.444	ppbv	96
70) n-Butylbenzene	17.902	91	142696	0.422	ppbv	98
71) 2-Chlorotoluene	14.815	91	110116	0.468	ppbv	99
72) 4-Ethyltoluene	15.208	105	56371	0.224	ppbv #	50
73) 1,3,5-Trimethylbenzene	15.359	105	50208	0.219	ppbv	98
74) 1,2,4-Trimethylbenzene	16.117	105	63471	0.248	ppbv #	84
75) 1,3-Dichlorobenzene	16.339	146	77308	0.497	ppbv	90
76) 1,4-Dichlorobenzene	16.478	146	78684	0.508	ppbv	93
77) 1,2-Dichlorobenzene	17.150	146	42996	0.282	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.651	225	22504	0.185	ppbv #	18
79) Naphthalene	21.384	128	22432	0.123	ppbv #	93
80) Naphthalene,2-methyl-	24.522	142	2825	0.038	ppbv	92
81) 1,2,4-Trichlorobenzene	21.146	180	27792	0.228	ppbv #	12

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

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

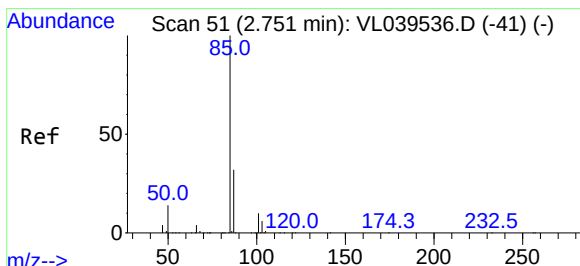
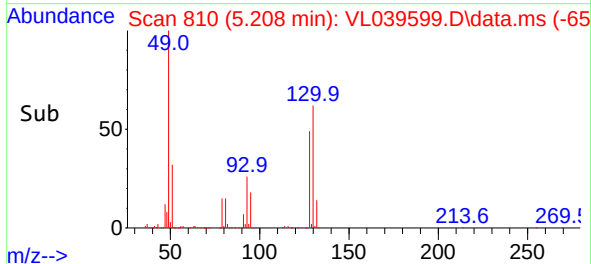
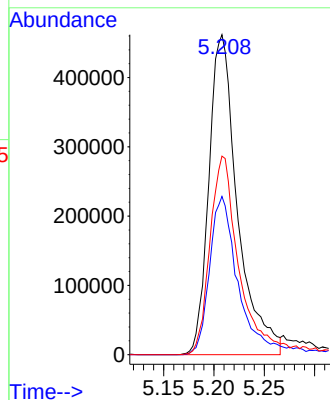
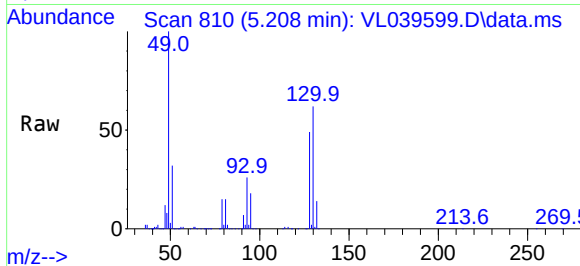




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

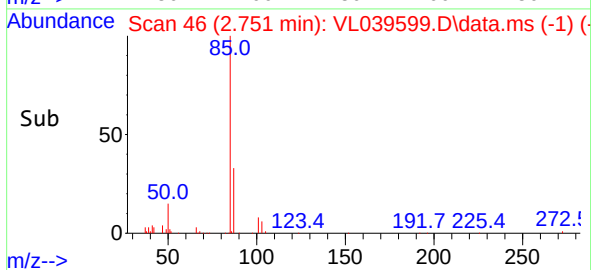
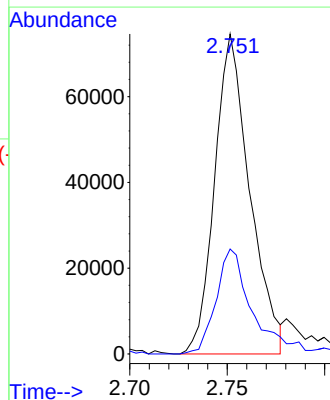
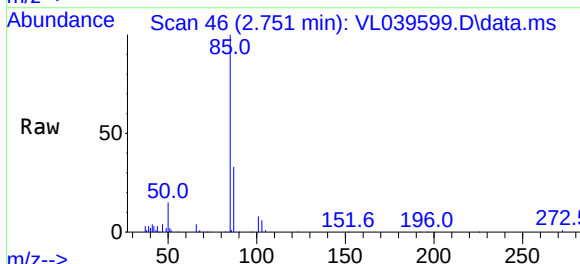
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

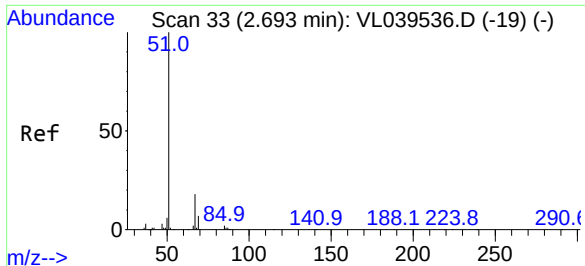
Tgt Ion: 49 Resp: 915493
Ion Ratio Lower Upper
49 100
128 51.4 26.7 80.0
130 66.4 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 0.767 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 85 Resp: 93416
Ion Ratio Lower Upper
85 100
87 32.9 26.7 40.1

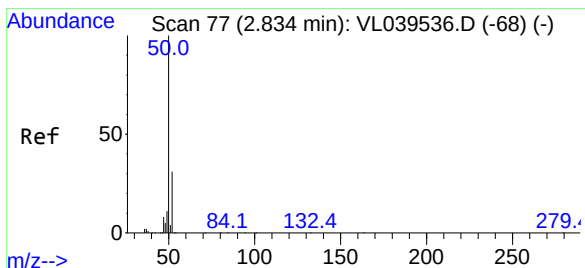
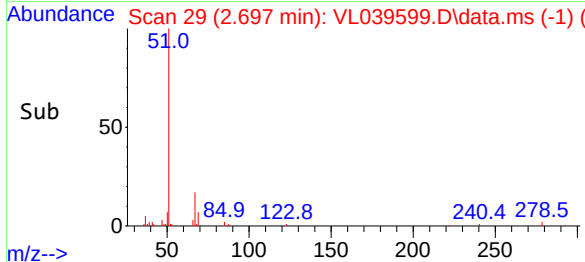
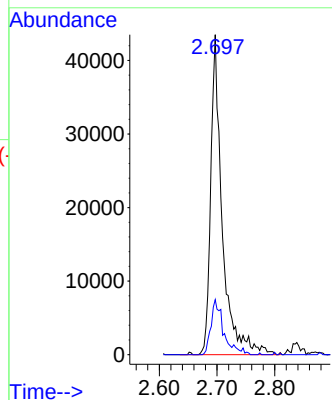
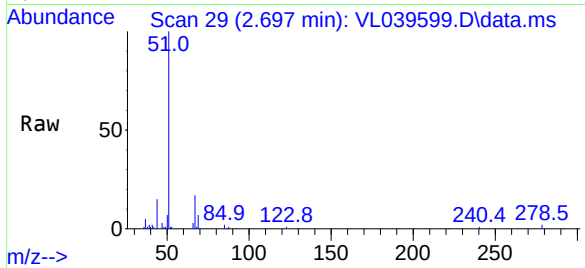




#3
 Chlorodifluoromethane
 Concen: 0.553 ppbv
 RT: 2.697 min Scan# 24
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

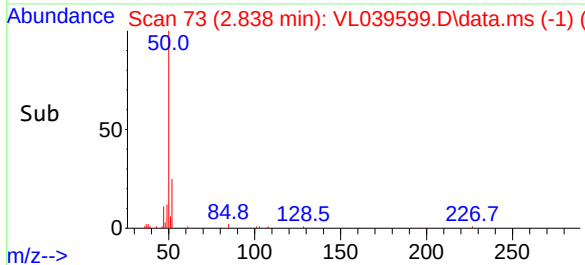
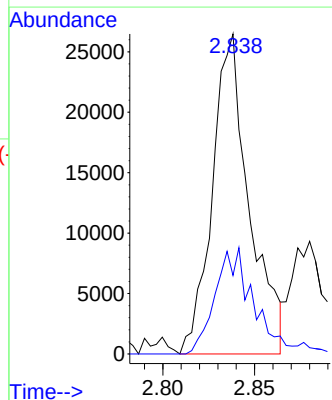
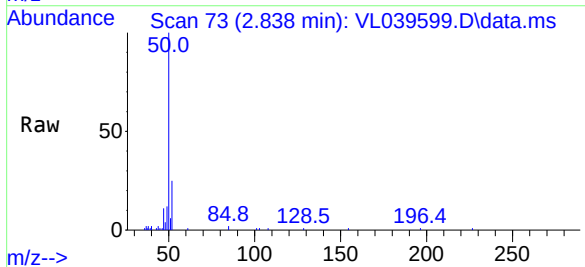
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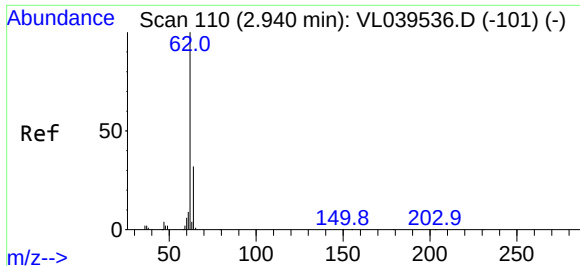
Tgt Ion: 51 Resp: 60325
 Ion Ratio Lower Upper
 51 100
 67 18.9 15.7 23.5



#4
 Chloromethane
 Concen: 0.565 ppbv
 RT: 2.838 min Scan# 73
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

Tgt Ion: 50 Resp: 37106
 Ion Ratio Lower Upper
 50 100
 52 24.6 26.5 39.7#

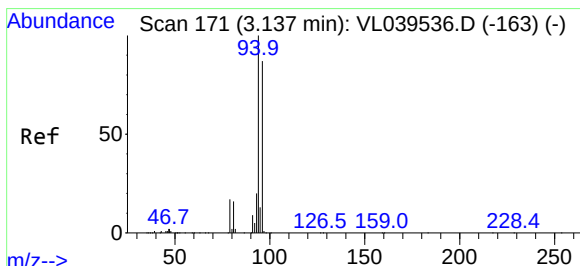
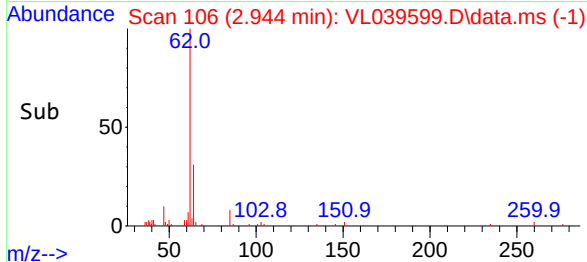
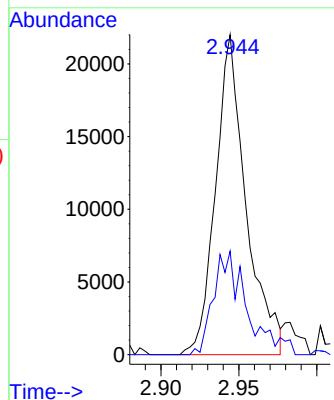
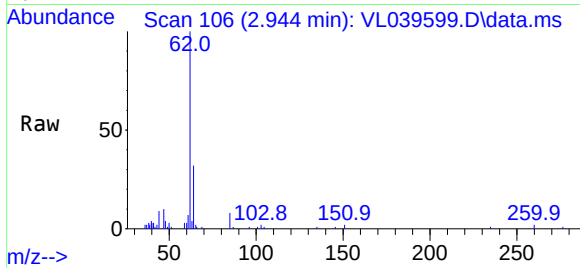




#5
 Vinyl Chloride
 Concen: 0.564 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

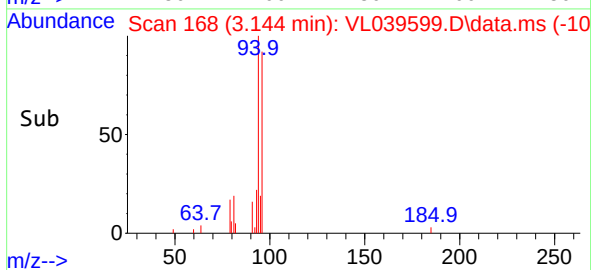
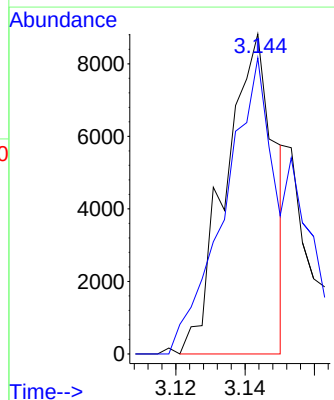
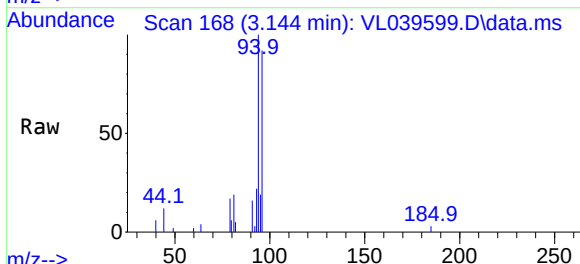
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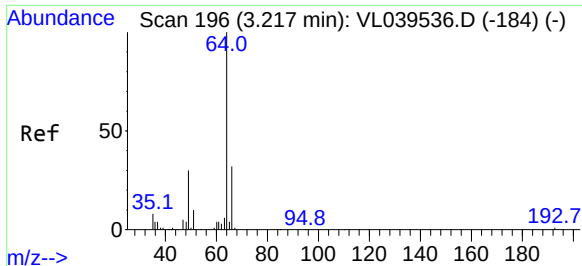
Tgt Ion: 62 Resp: 29908
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.6 36.8



#6
 Bromomethane
 Concen: 0.386 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

Tgt Ion: 94 Resp: 8690
 Ion Ratio Lower Upper
 94 100
 96 83.3 75.6 113.4

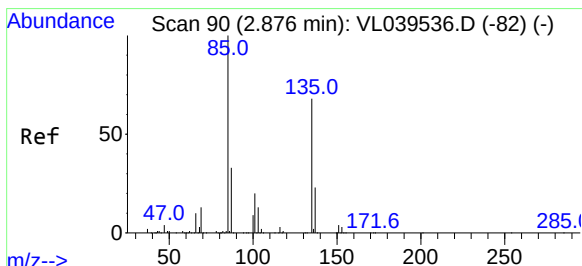
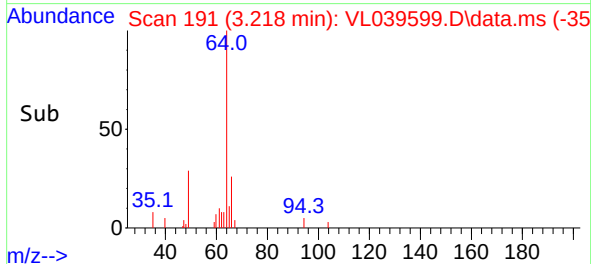
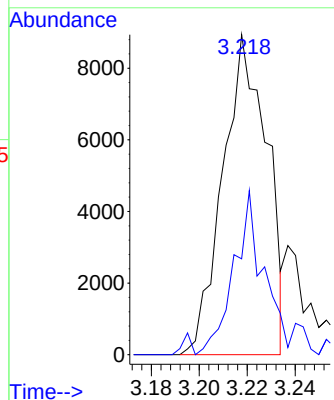
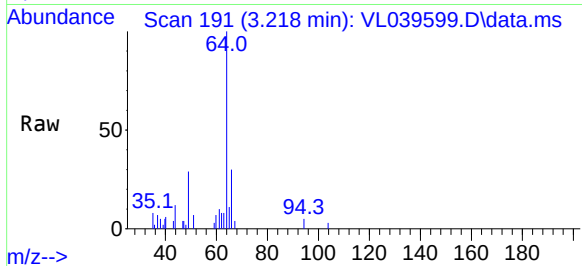




#7
Chloroethane
Concen: 0.573 ppbv
RT: 3.218 min Scan# 196
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

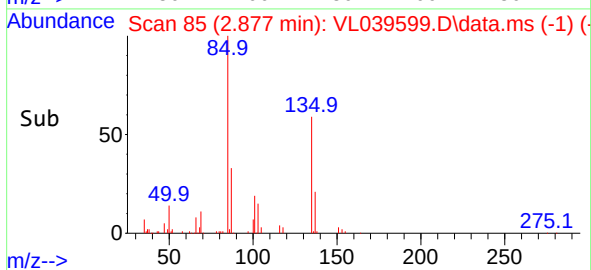
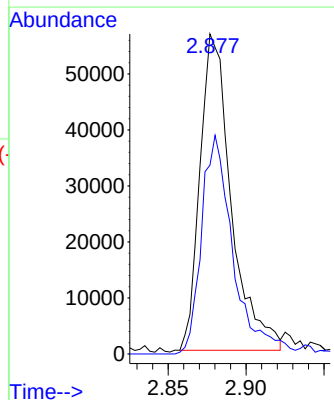
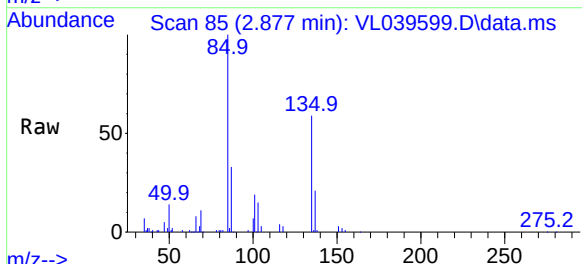
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022

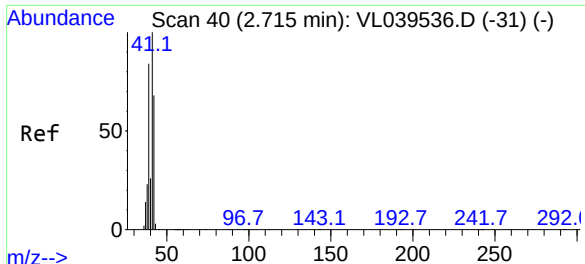
Tgt Ion: 64 Resp: 11383
Ion Ratio Lower Upper
64 100
66 29.9 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 0.606 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 85 Resp: 78979
Ion Ratio Lower Upper
85 100
135 72.1 59.0 88.4





#9

Propene

Concen: 0.601 ppbv

RT: 2.722 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

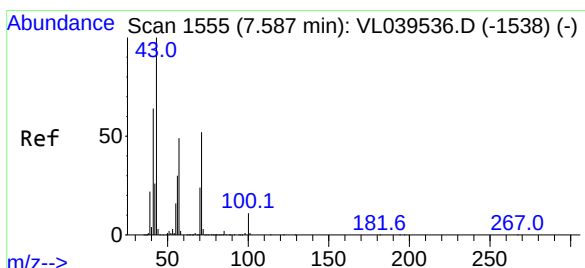
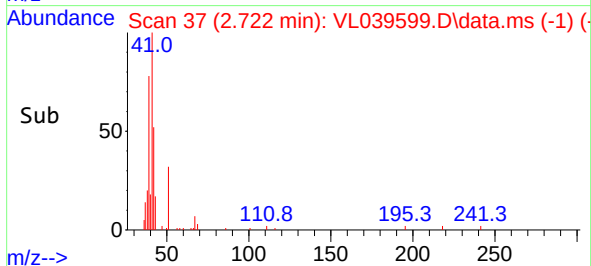
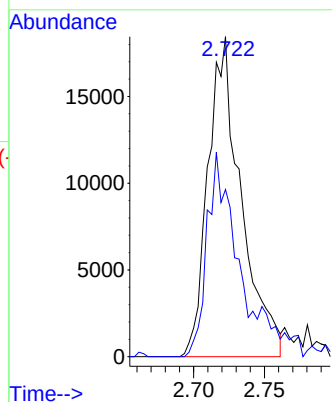
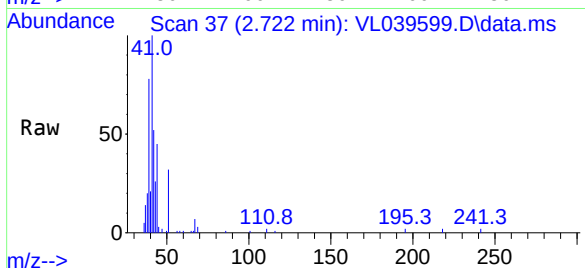
MDL-AIR-03-QT3-2022

Tgt Ion: 41 Resp: 30011

Ion Ratio Lower Upper

41 100

42 64.4 55.2 82.8



#10

Heptane

Concen: 0.440 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.004 min

Lab File: VL039599.D

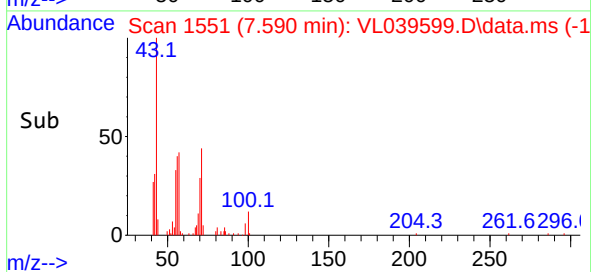
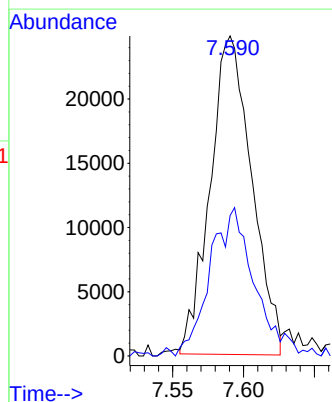
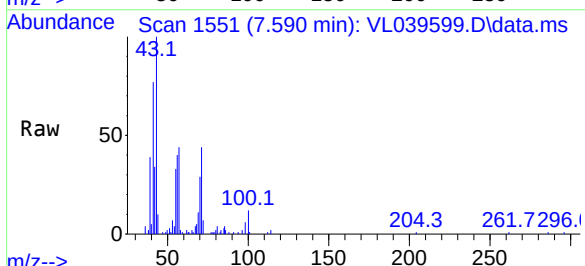
Acq: 26 Aug 2022 11:52

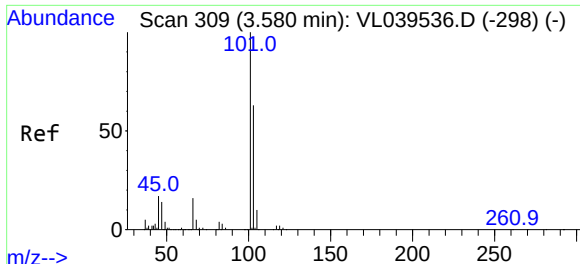
Tgt Ion: 43 Resp: 50841

Ion Ratio Lower Upper

43 100

57 47.6 40.5 60.7

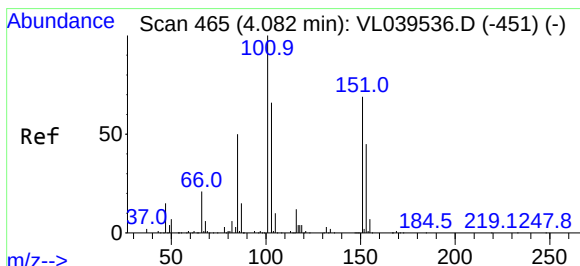
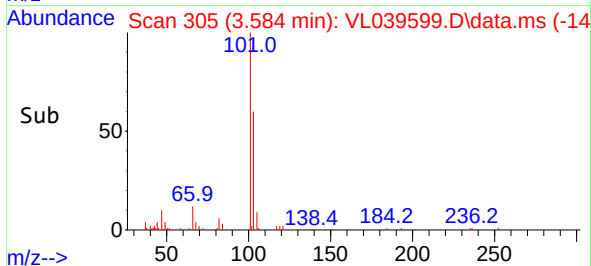
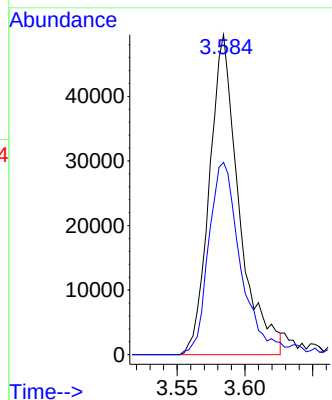
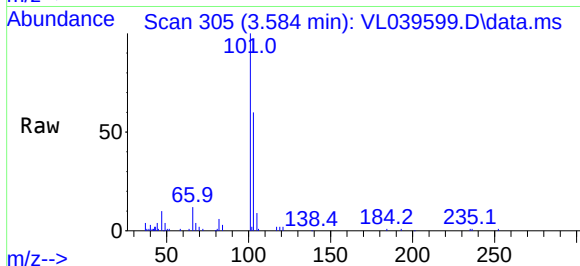




#11
Trichlorofluoromethane
Concen: 0.562 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

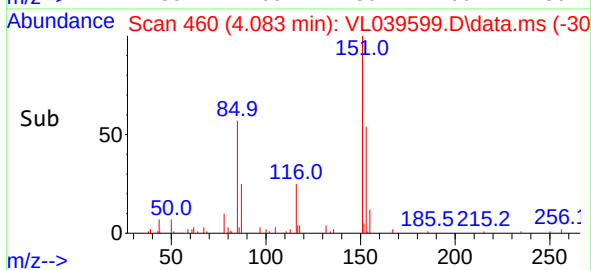
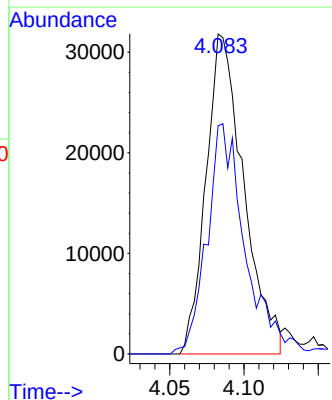
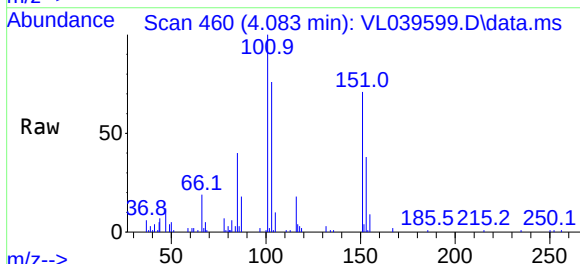
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

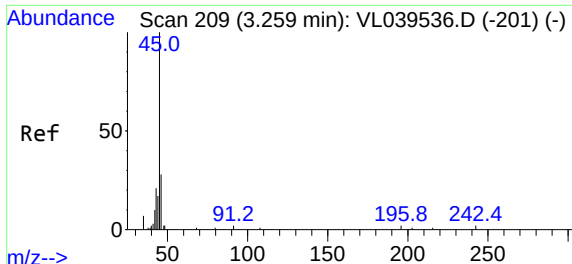
Tgt Ion:101 Resp: 75181
Ion Ratio Lower Upper
101 100
103 60.1 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.568 ppbv
RT: 4.083 min Scan# 460
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:101 Resp: 56126
Ion Ratio Lower Upper
101 100
151 73.4 58.9 88.3





#13

Ethanol

Concen: 0.170 ppbv

RT: 3.256 min Scan# 209

Delta R.T. -0.003 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

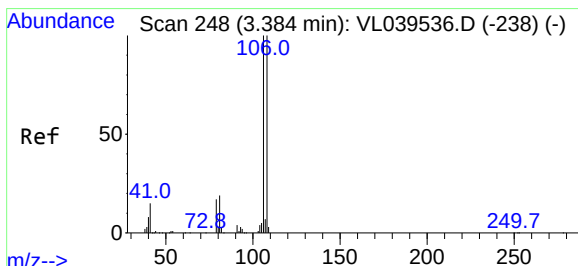
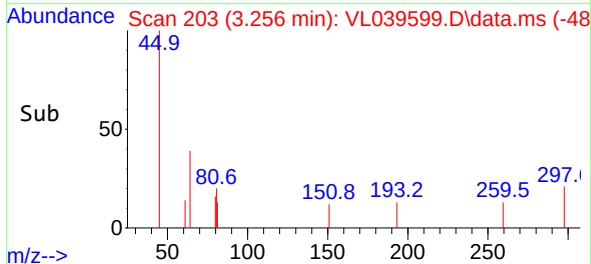
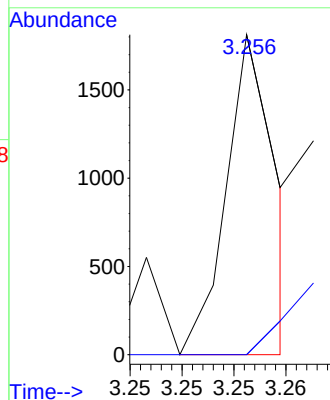
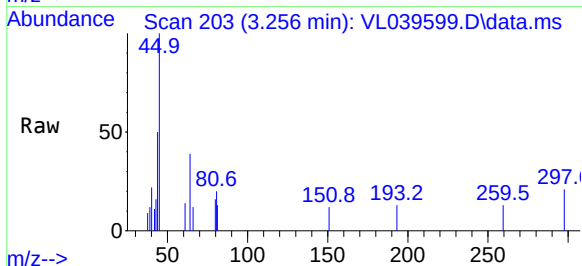
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 609

Ion Ratio Lower Upper

45 100

46 0.0 22.8 91.2#



#14

Bromoethene

Concen: 0.527 ppbv

RT: 3.391 min Scan# 245

Delta R.T. 0.007 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

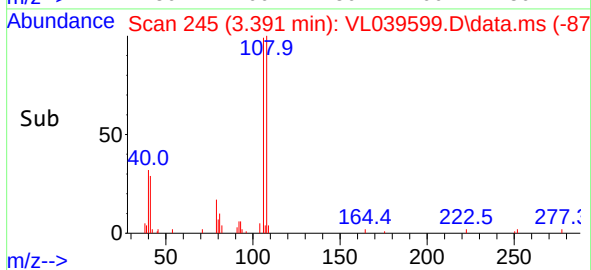
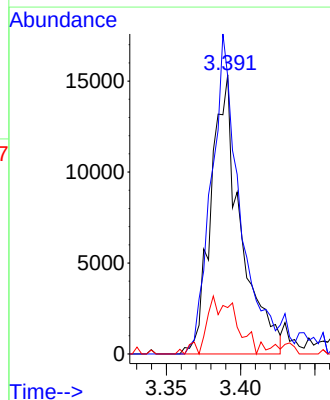
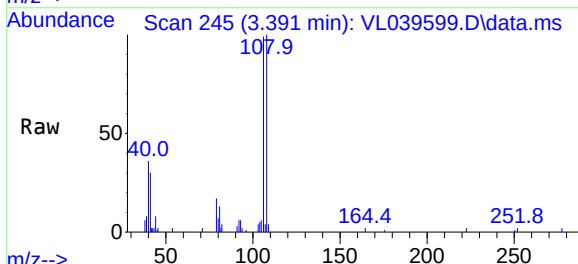
Tgt Ion: 108 Resp: 21292

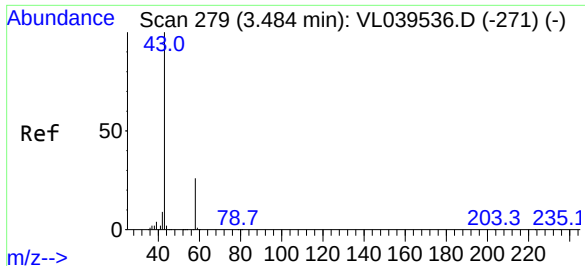
Ion Ratio Lower Upper

108 100

106 120.8 87.1 130.7

79 23.6 14.6 22.0#





#15

Acetone

Concen: 0.601 ppbv

RT: 3.497 min Scan# 21

Delta R.T. 0.014 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

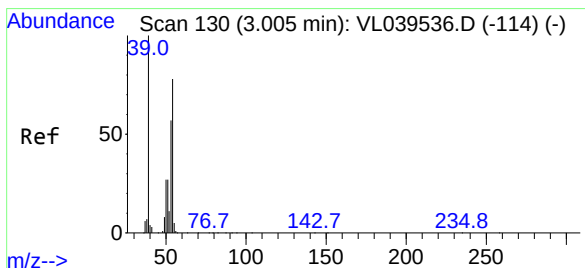
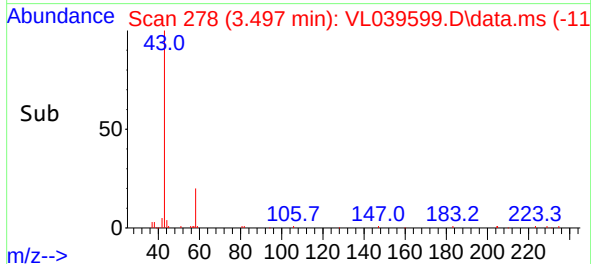
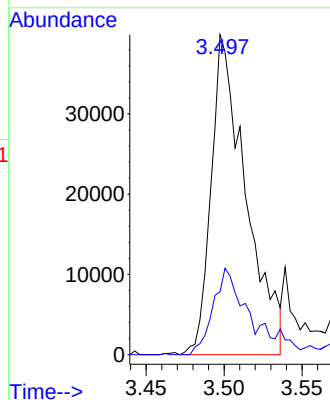
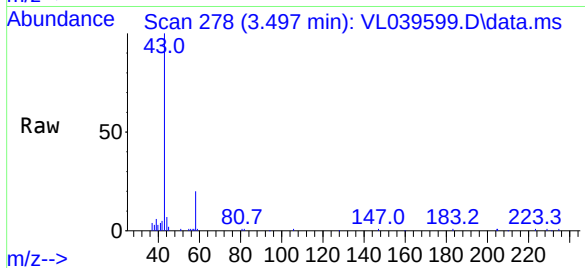
MDL-AIR-03-QT3-2022

Tgt Ion: 43 Resp: 61622

Ion Ratio Lower Upper

43 100

58 31.4 21.0 31.6



#16

1,3-Butadiene

Concen: 0.520 ppbv

RT: 3.005 min Scan# 125

Delta R.T. 0.001 min

Lab File: VL039599.D

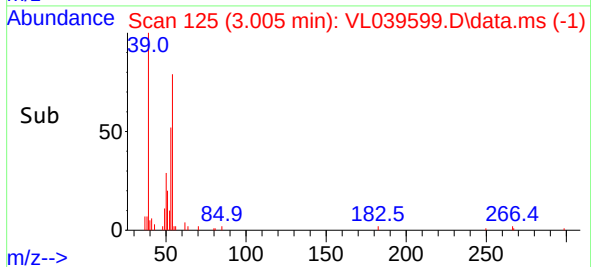
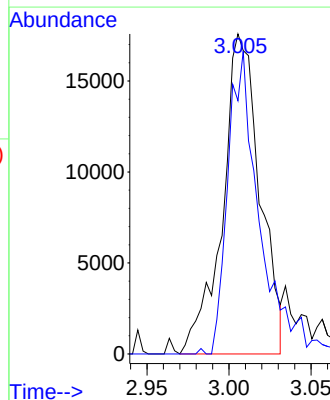
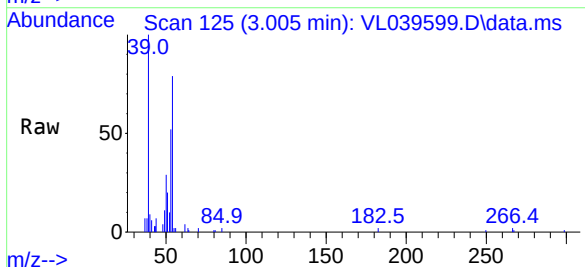
Acq: 26 Aug 2022 11:52

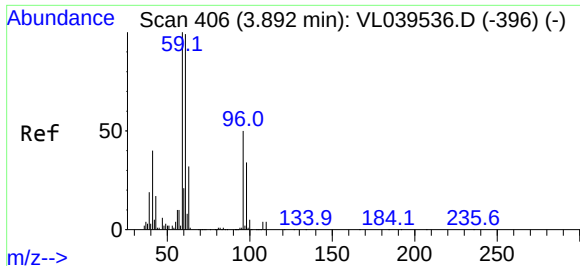
Tgt Ion: 39 Resp: 27842

Ion Ratio Lower Upper

39 100

54 83.0 63.7 95.5

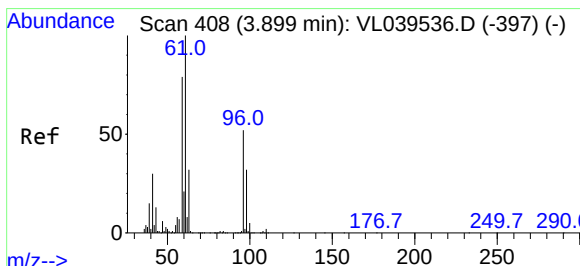
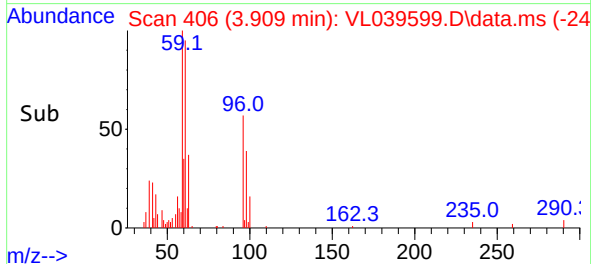
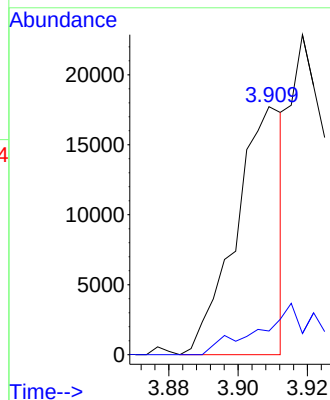
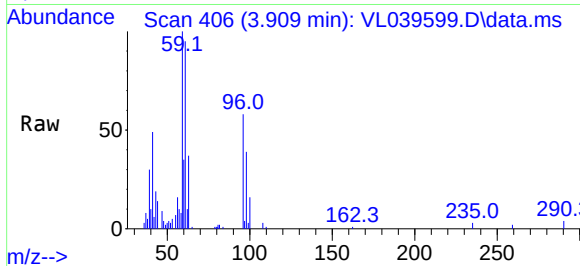




#17
tert-Butyl alcohol
Concen: 0.191 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.017 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

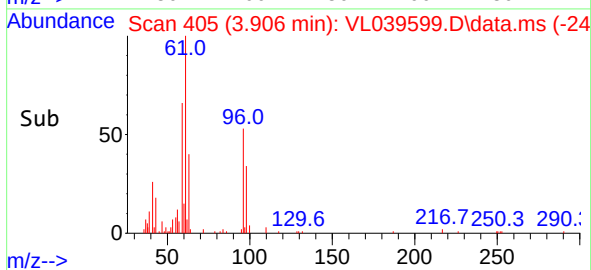
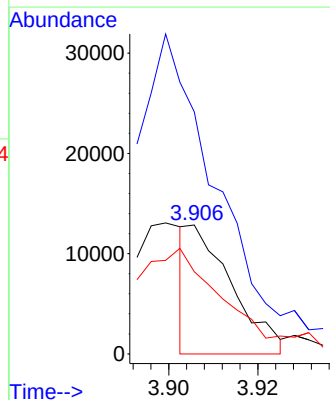
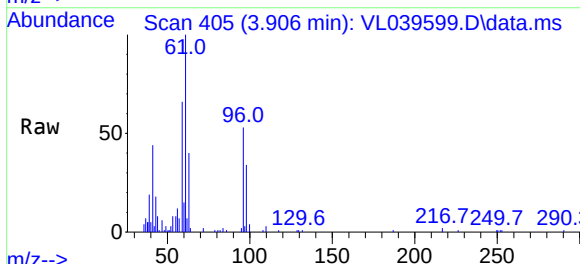
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

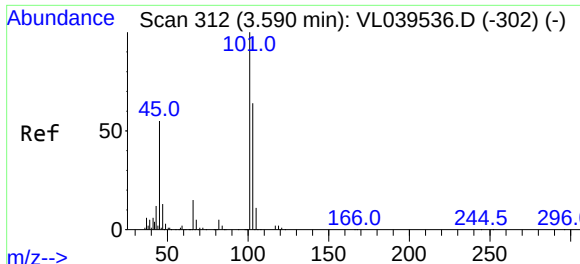
Tgt Ion: 59 Resp: 16709
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#18
1,1-Dichloroethene
Concen: 0.198 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 96 Resp: 8799
Ion Ratio Lower Upper
96 100
61 176.0 152.2 228.4
98 56.2 51.8 77.6

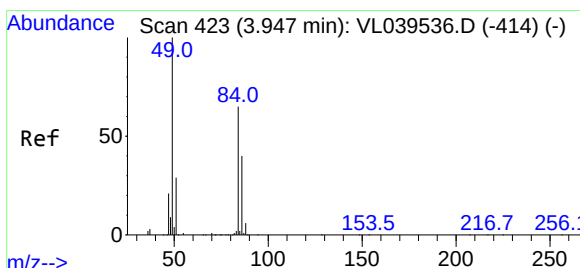
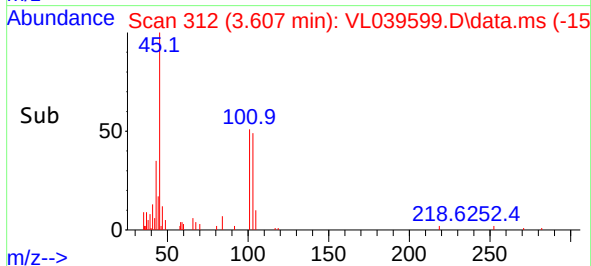
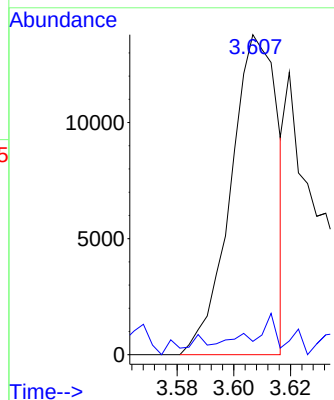
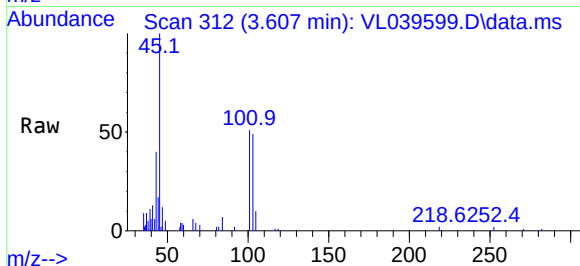




#19
Isopropyl Alcohol
Concen: 0.315 ppbv
RT: 3.607 min Scan# 312
Delta R.T. 0.017 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

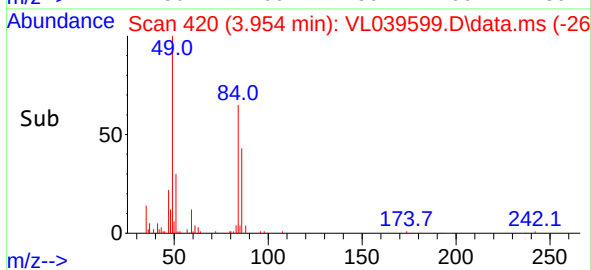
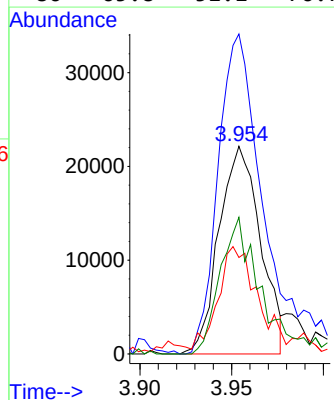
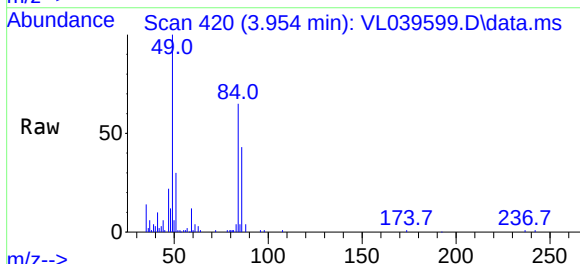
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

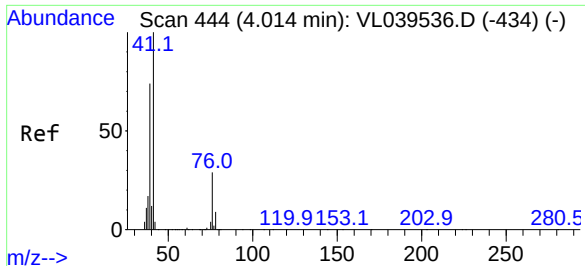
Tgt Ion: 45 Resp: 15737
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8#



#20
Methylene Chloride
Concen: 0.835 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 84 Resp: 34805
Ion Ratio Lower Upper
84 100
49 154.0 123.1 184.7
51 42.6 34.4 51.6
86 65.8 51.1 76.7





#21

Allyl Chloride

Concen: 0.435 ppbv

RT: 4.018 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

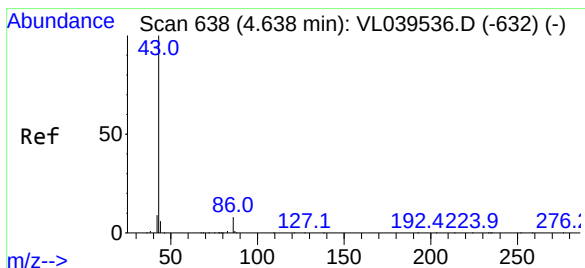
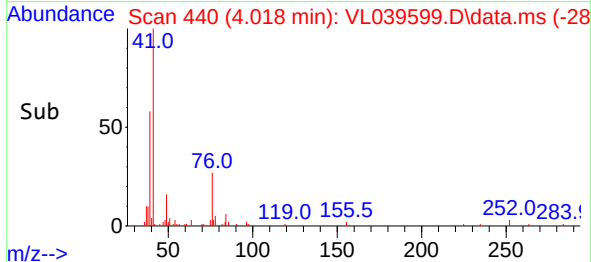
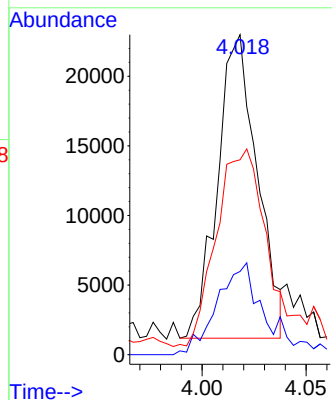
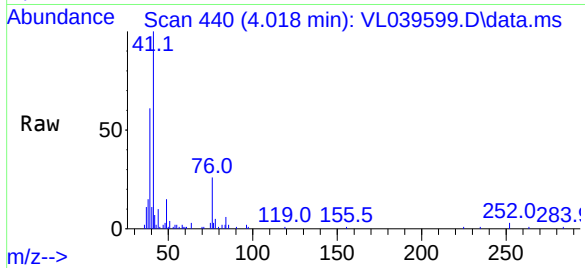
Tgt Ion: 41 Resp: 29037

Ion Ratio Lower Upper

41 100

76 37.2 24.4 36.6#

39 108.1 63.5 95.3#



#23

Vinyl Acetate

Concen: 0.436 ppbv

RT: 4.645 min Scan# 635

Delta R.T. 0.007 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Tgt Ion: 43 Resp: 21273

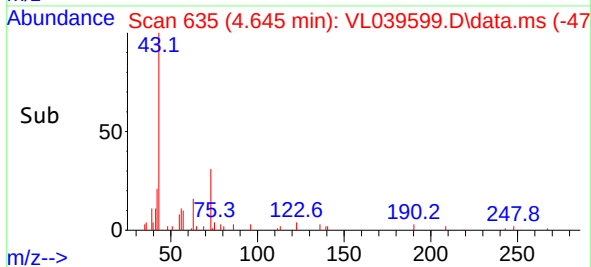
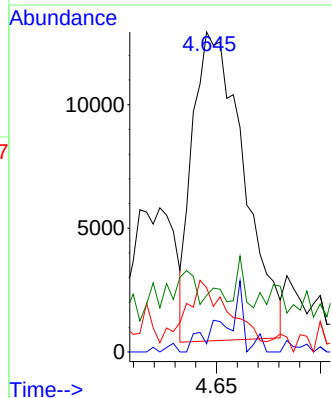
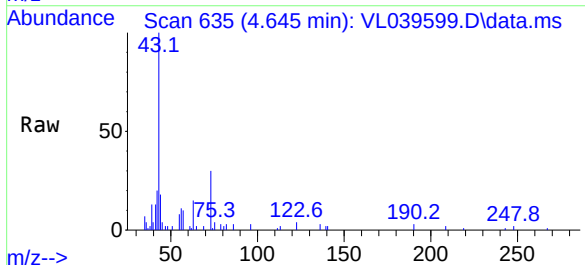
Ion Ratio Lower Upper

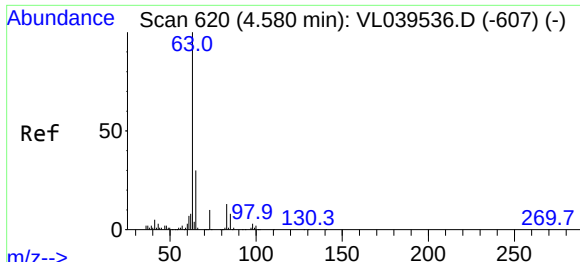
43 100

86 3.1 5.0 7.6#

42 17.3 7.7 11.5#

44 0.0 4.6 7.0#

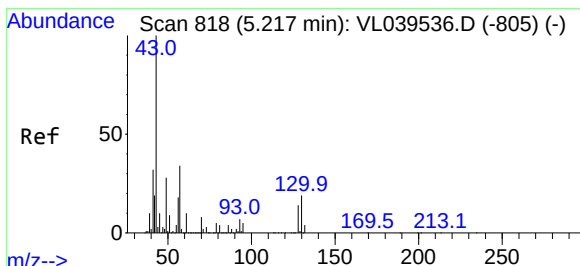
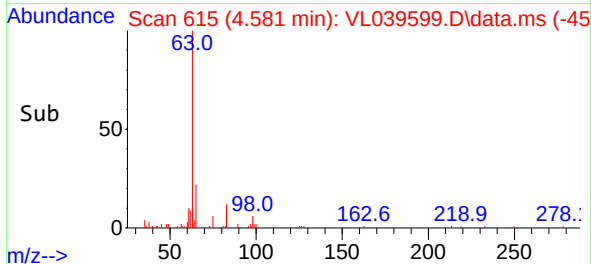
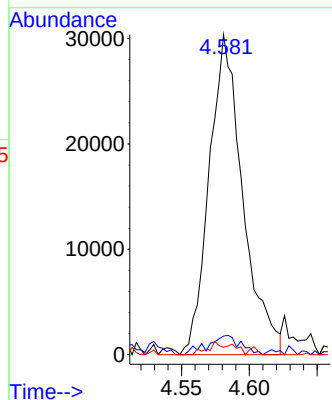
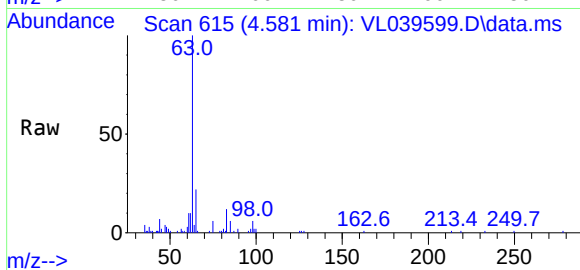




#24
1,1-Dichloroethane
Concen: 0.580 ppbv
RT: 4.581 min Scan# 61
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

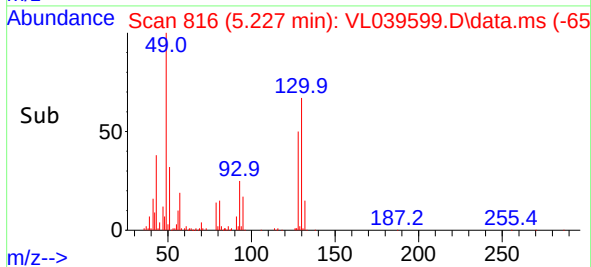
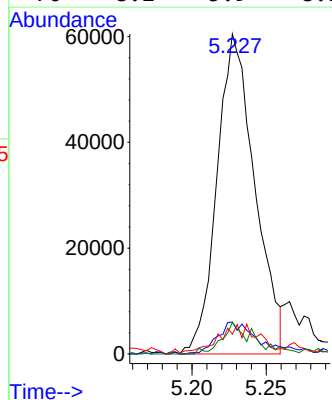
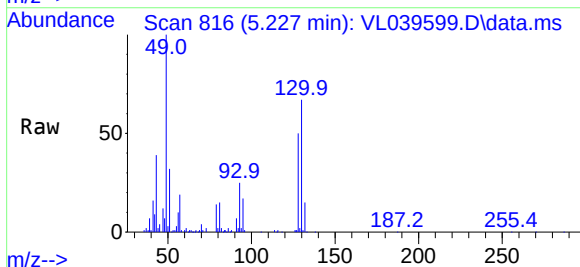
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

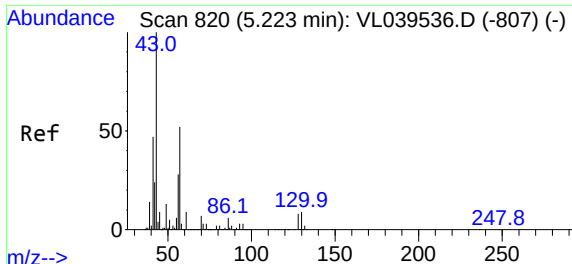
Tgt Ion: 63	Resp: 52345
Ion Ratio	Lower Upper
63 100	
98 5.8	1.8 5.3#
100 2.3	1.5 4.4



#25
Ethyl Acetate
Concen: 0.488 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 43	Resp: 107033
Ion Ratio	Lower Upper
43 100	
45 12.5	8.2 12.4#
61 12.7	8.3 12.5#
70 8.2	5.9 8.9

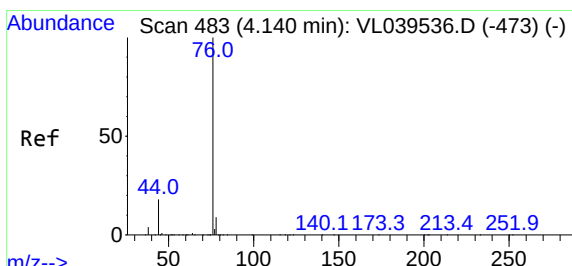
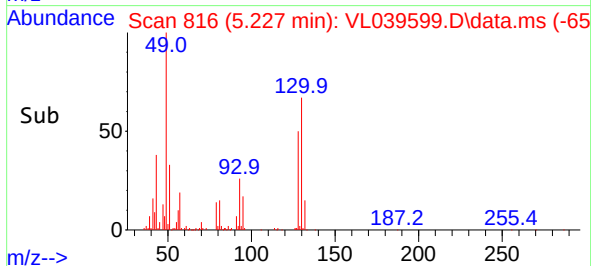
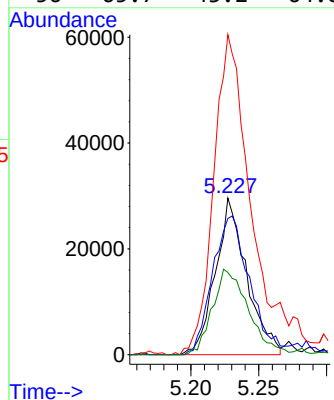
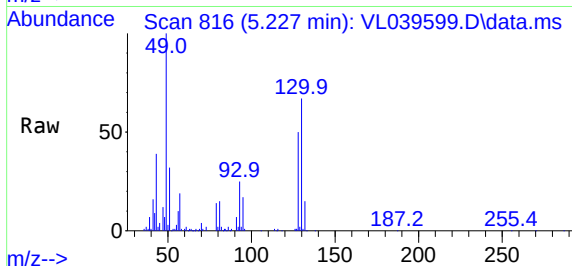




#26
Hexane
Concen: 0.531 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

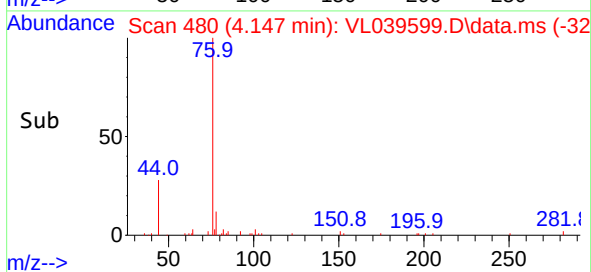
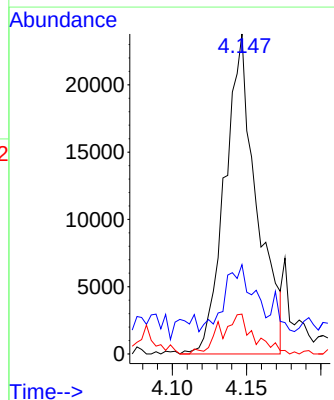
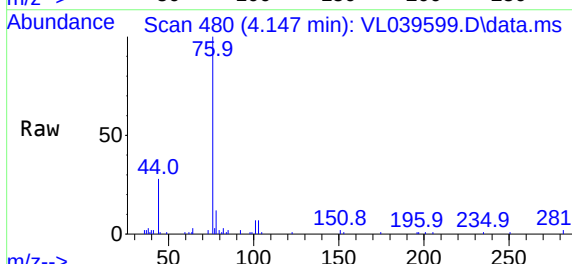
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

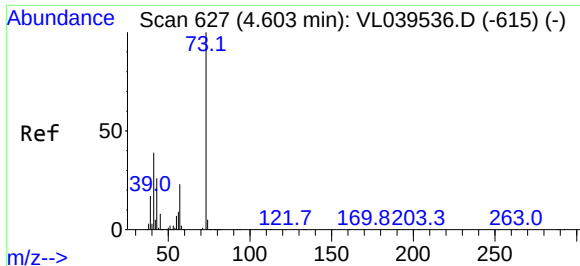
Tgt Ion:	57	Resp:	47546
Ion	Ratio	Lower	Upper
57	100		
41	113.2	76.9	115.3
43	267.9	191.0	286.6
56	65.7	43.2	64.8



#27
Carbon Disulfide
Concen: 0.369 ppbv
RT: 4.147 min Scan# 480
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:	76	Resp:	35264
Ion	Ratio	Lower	Upper
76	100		
44	40.3	14.6	21.8
78	13.5	7.8	11.6





#28

Methyl tert-Butyl Ether

Concen: 0.433 ppbv

RT: 4.613 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

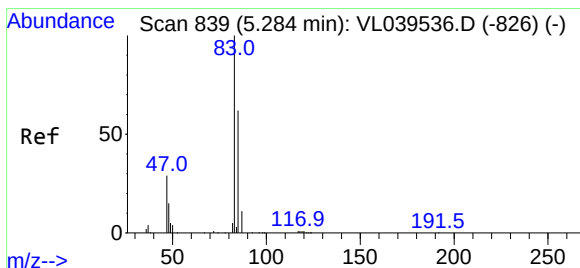
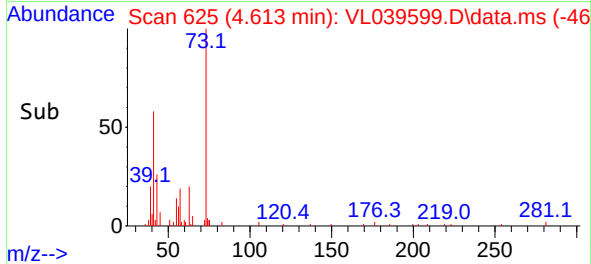
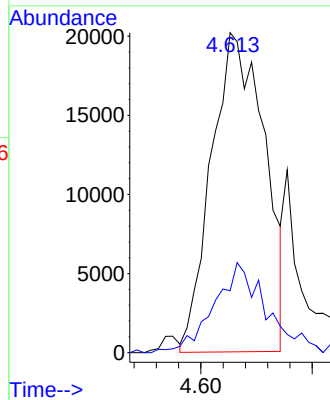
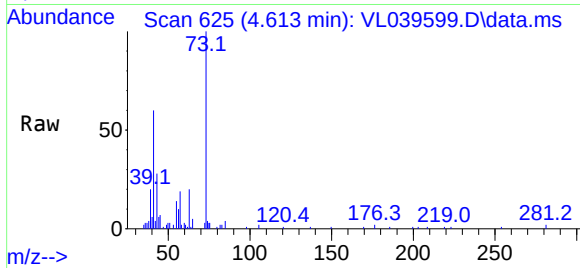
MDL-AIR-03-QT3-2022

Tgt Ion: 73 Resp: 33469

Ion Ratio Lower Upper

73 100

57 28.0 19.8 29.8



#29

Chloroform

Concen: 0.280 ppbv

RT: 5.285 min Scan# 834

Delta R.T. 0.001 min

Lab File: VL039599.D

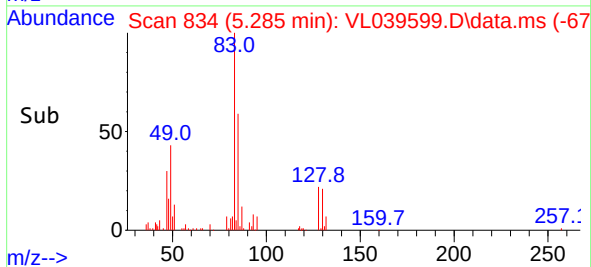
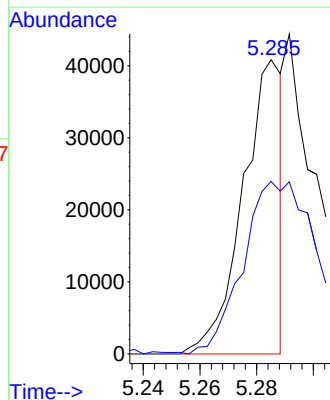
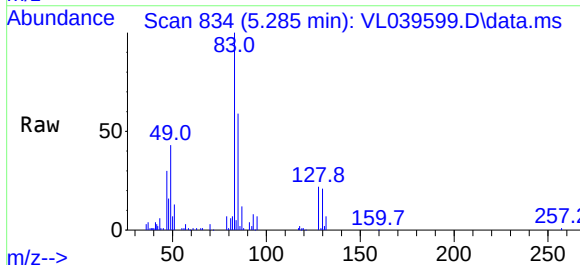
Acq: 26 Aug 2022 11:52

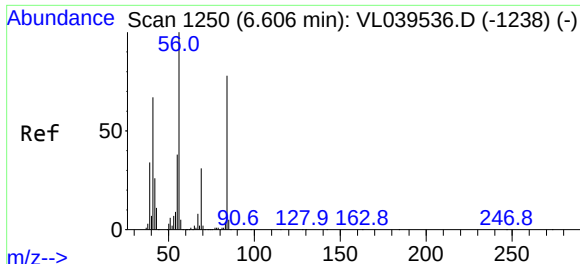
Tgt Ion: 83 Resp: 39196

Ion Ratio Lower Upper

83 100

85 58.1 52.8 79.2





#30

Cyclohexane

Concen: 0.057 ppbv

RT: 6.597 min Scan# 11

Delta R.T. -0.009 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

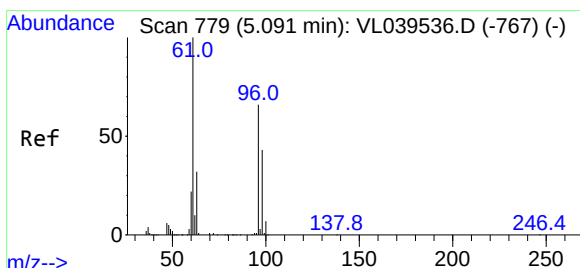
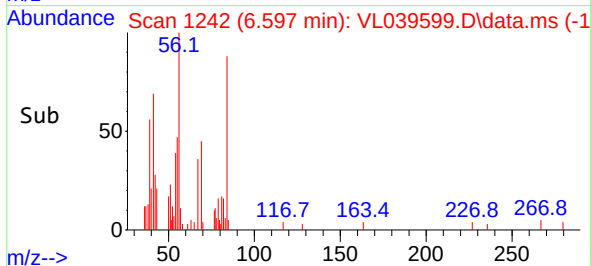
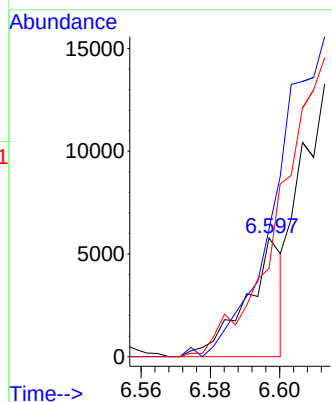
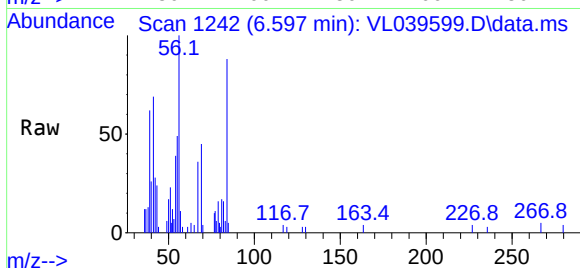
Tgt Ion: 84 Resp: 4207

Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

41 0.0 67.7 101.5#



#31

cis-1,2-Dichloroethene

Concen: 0.432 ppbv

RT: 5.095 min Scan# 775

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

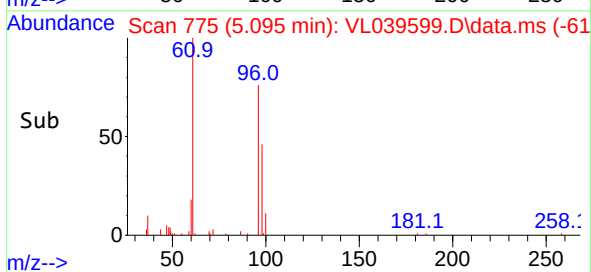
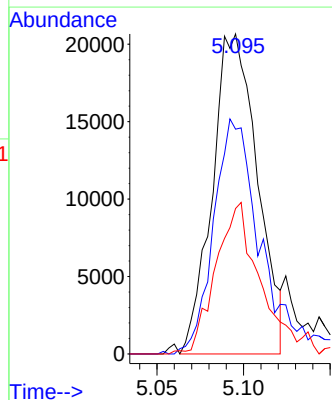
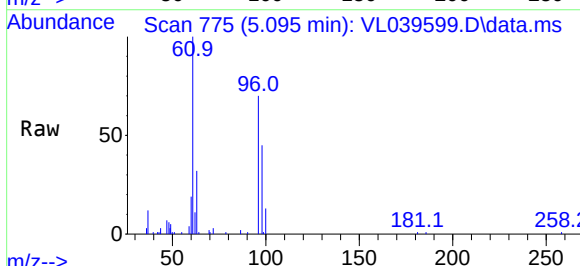
Tgt Ion: 61 Resp: 37488

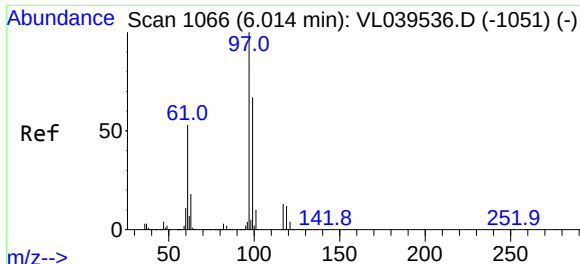
Ion Ratio Lower Upper

61 100

96 68.6 54.1 81.1

98 45.8 34.6 52.0

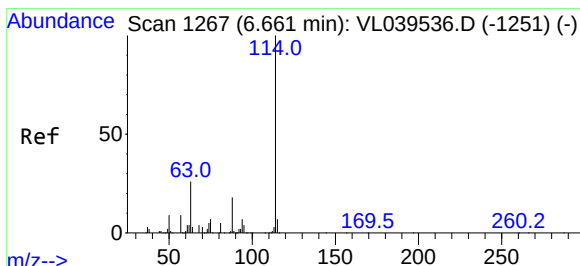
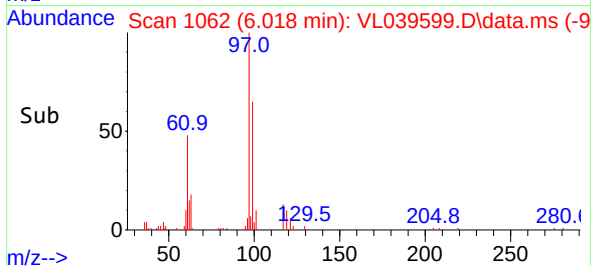
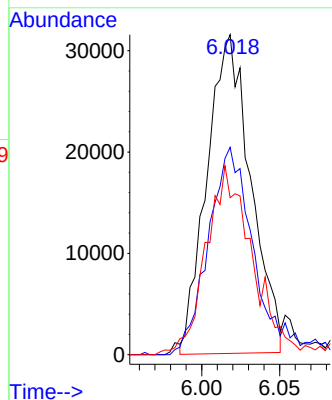
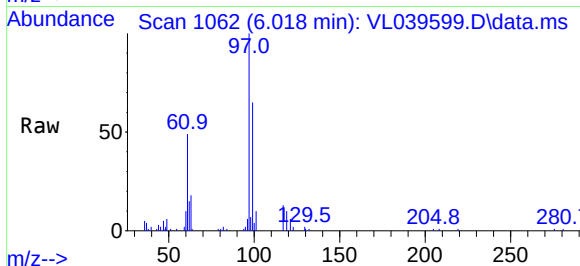




#32
1,1,1-Trichloroethane
Concen: 0.499 ppbv
RT: 6.018 min Scan# 1066
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

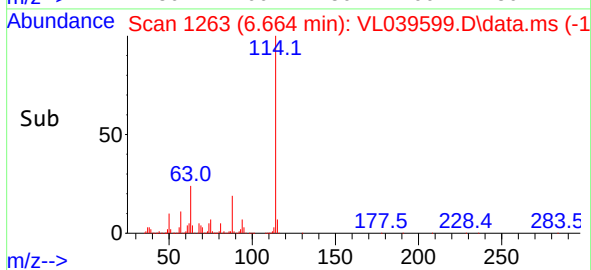
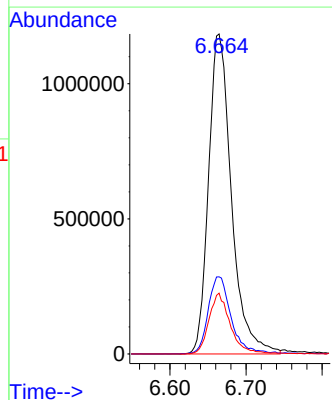
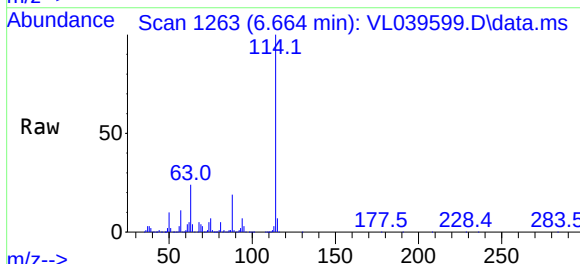
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

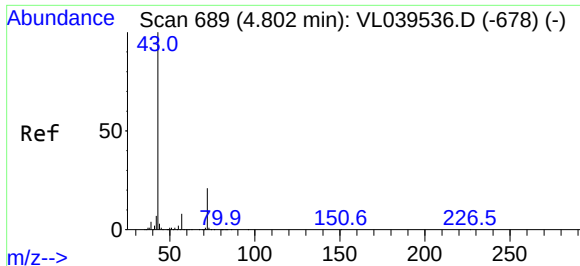
Tgt Ion: 97 Resp: 61511
Ion Ratio Lower Upper
97 100
99 68.7 52.3 78.5
61 63.2 40.9 61.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 114 Resp: 2474595
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.9 14.5 21.7





#34

2-Butanone

Concen: 0.543 ppbv

RT: 4.816 min Scan# 61

Delta R.T. 0.014 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

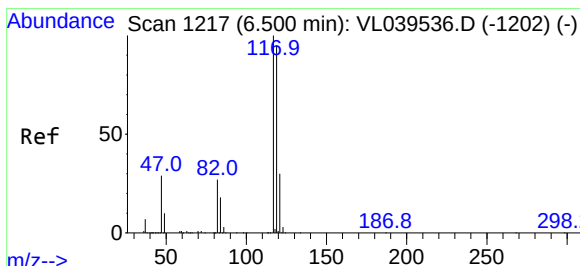
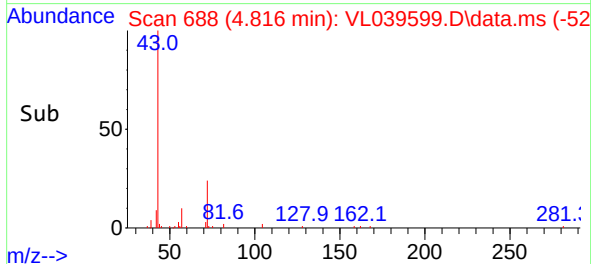
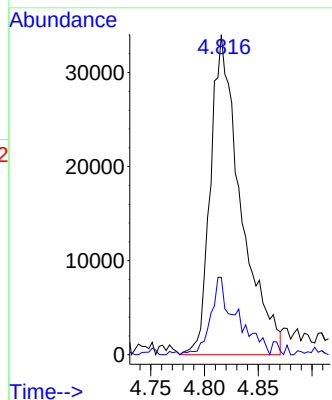
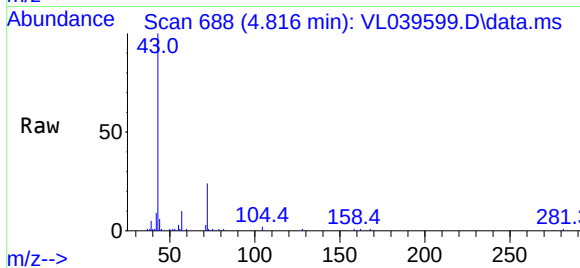
MDL-AIR-03-QT3-2022

Tgt Ion: 43 Resp: 66782

Ion Ratio Lower Upper

43 100

72 22.2 17.9 26.9



#35

Carbon Tetrachloride

Concen: 0.504 ppbv

RT: 6.504 min Scan# 1213

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

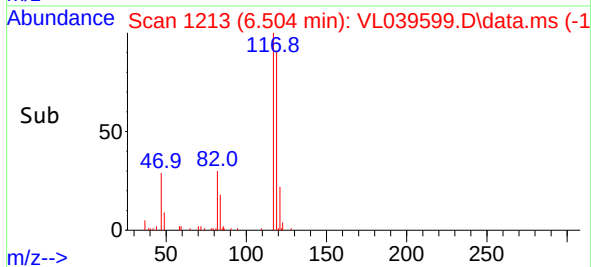
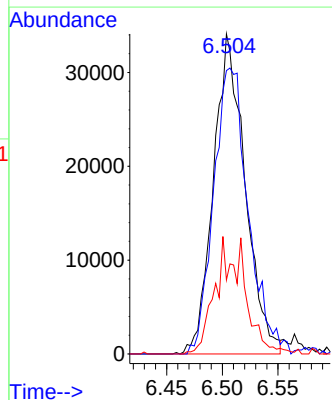
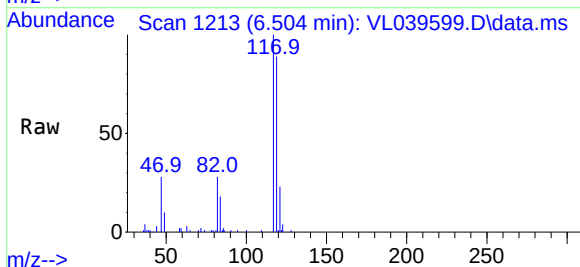
Tgt Ion: 117 Resp: 67447

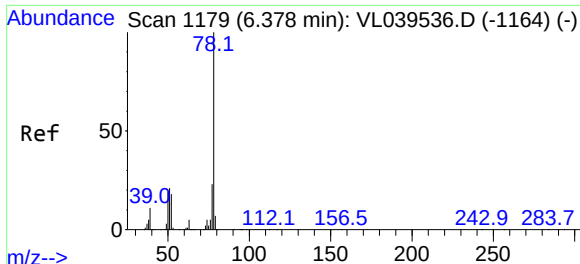
Ion Ratio Lower Upper

117 100

119 88.5 75.4 113.2

121 23.1 24.2 36.2#

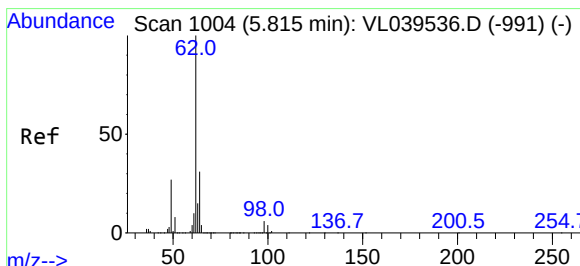
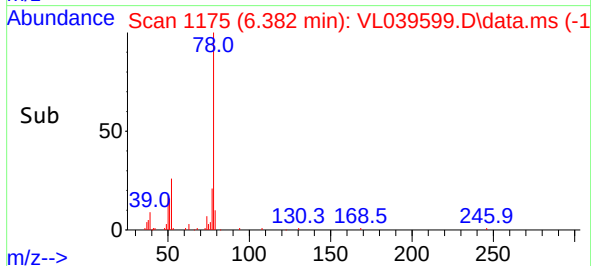
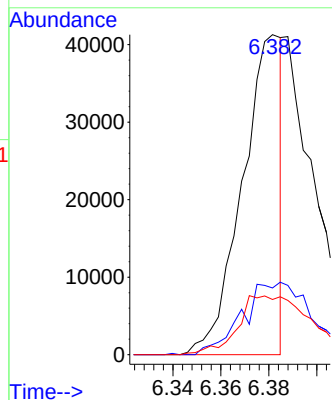
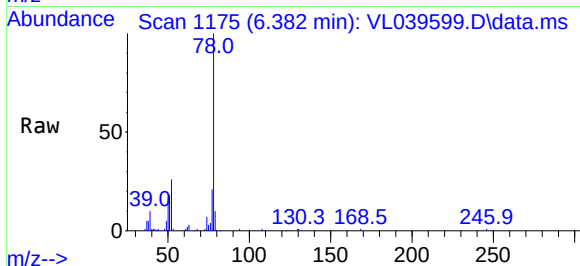




#36
Benzene
Concen: 0.250 ppbv
RT: 6.382 min Scan# 1179
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

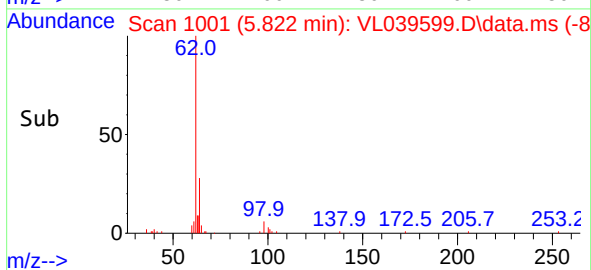
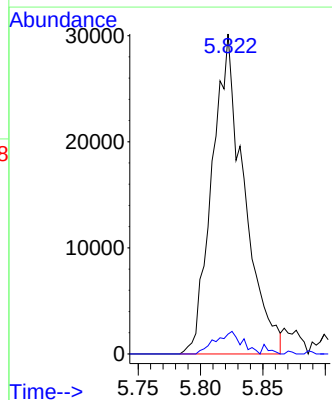
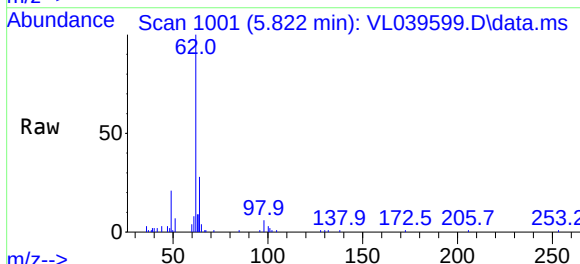
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022

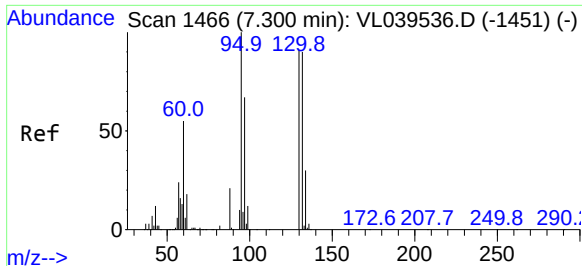
Tgt Ion: 78 Resp: 47193
Ion Ratio Lower Upper
78 100
77 20.8 20.3 30.5
50 17.2 15.5 23.3



#37
1,2-Dichloroethane
Concen: 0.519 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 62 Resp: 53970
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

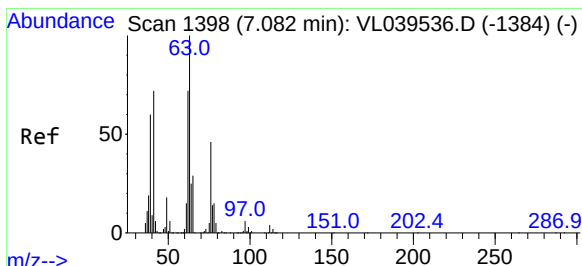
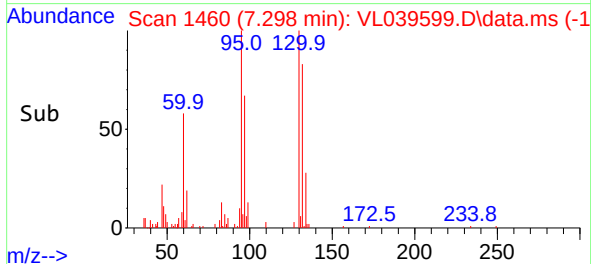
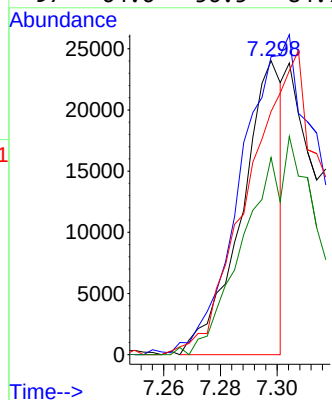
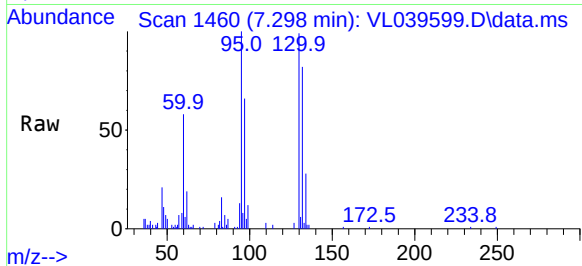




#38
Trichloroethene
Concen: 0.236 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.003 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

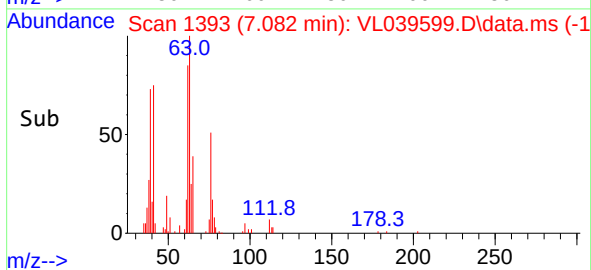
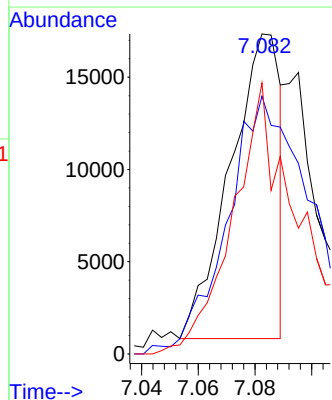
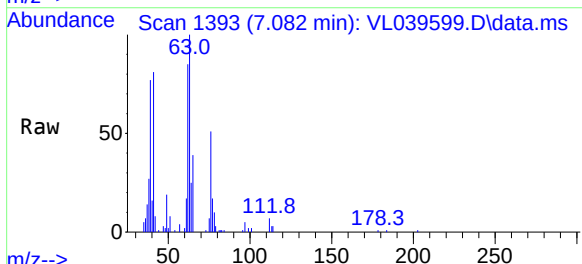
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

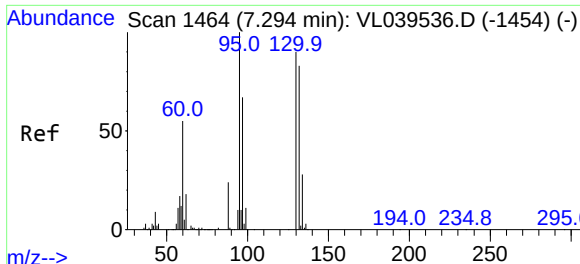
Tgt Ion:	130	Resp:	23888
Ion	Ratio	Lower	Upper
130	100		
95	97.3	87.3	130.9
132	80.0	76.7	115.1
97	64.6	56.5	84.7



#39
1,2-Dichloropropane
Concen: 0.285 ppbv
RT: 7.082 min Scan# 1393
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:	63	Resp:	20228
Ion	Ratio	Lower	Upper
63	100		
41	79.6	59.6	89.4
62	86.0	51.4	77.0





#40

1,4-Dioxane

Concen: 0.043 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.017 min

Lab File: VL039599.D

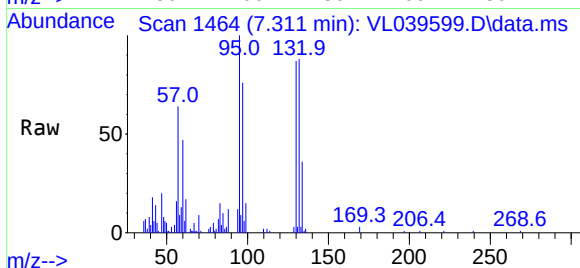
Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

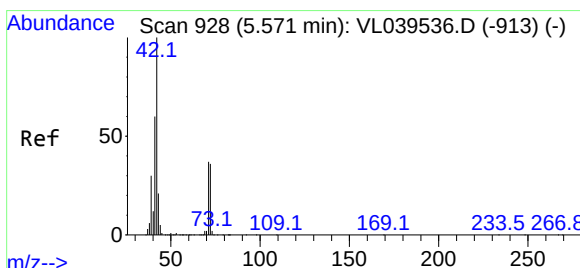
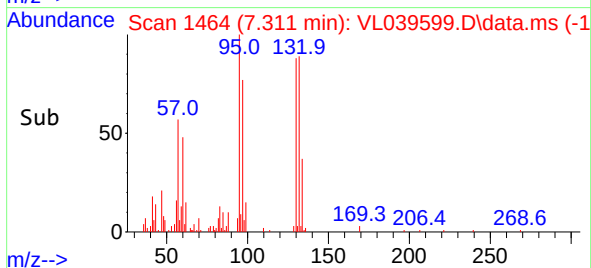
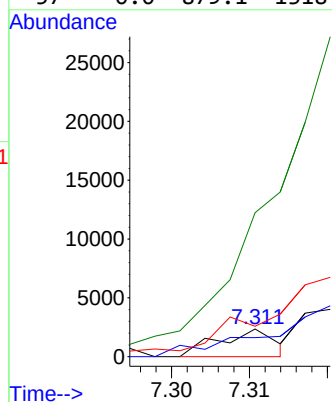
ClientSampleId :

MDL-AIR-03-QT3-2022



Tgt Ion: 88 Resp: 1191

Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.2	150.4#
43	0.0	205.8	308.6#
57	0.0	879.1	1318.7#



#41

Tetrahydrofuran

Concen: 0.368 ppbv

RT: 5.603 min Scan# 933

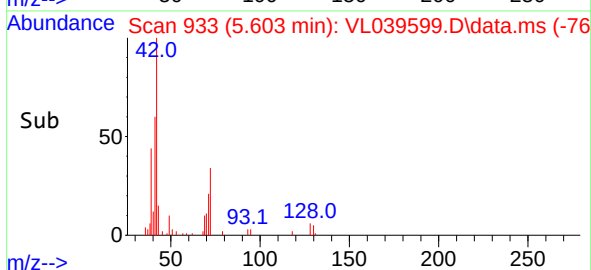
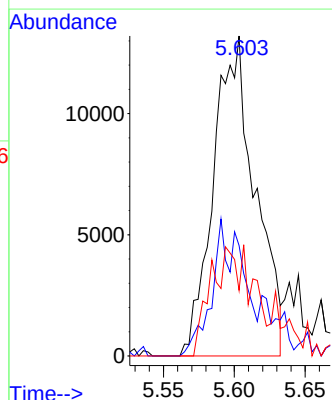
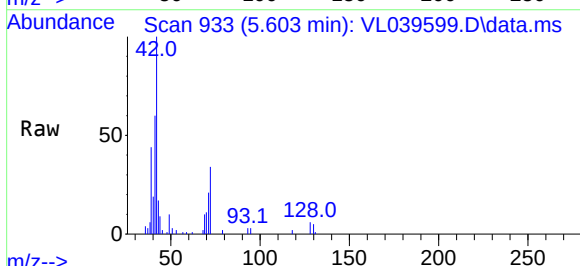
Delta R.T. 0.033 min

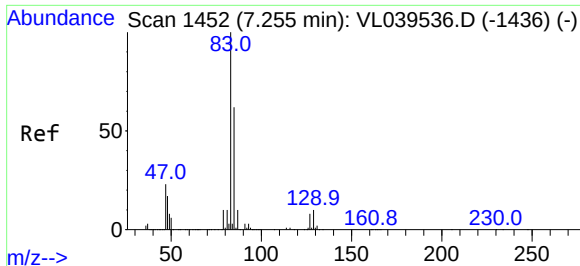
Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Tgt Ion: 42 Resp: 27036

Ion	Ratio	Lower	Upper
42	100		
72	41.8	31.8	47.8
71	43.7	31.8	47.8

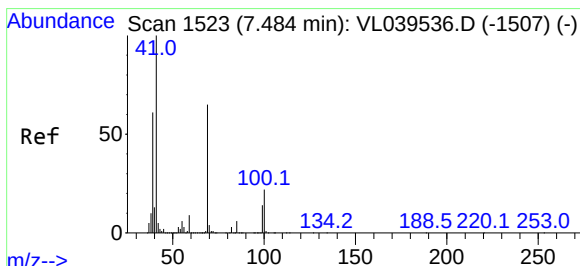
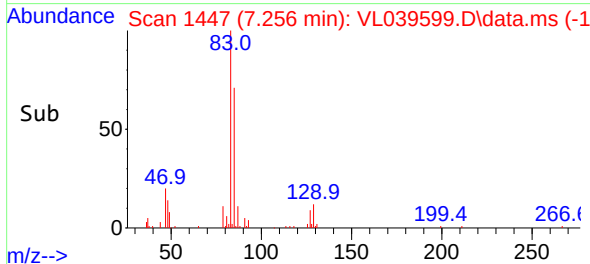
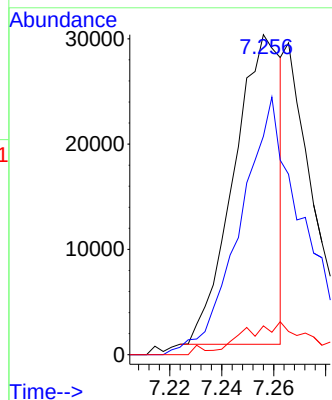
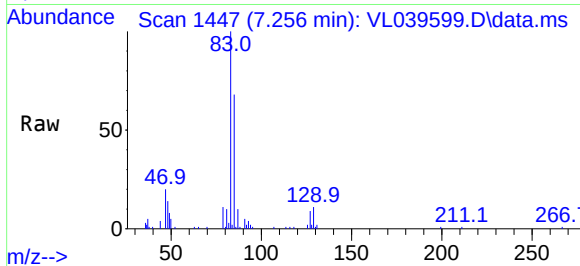




#42
Bromodichloromethane
Concen: 0.258 ppbv
RT: 7.256 min Scan# 1452
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

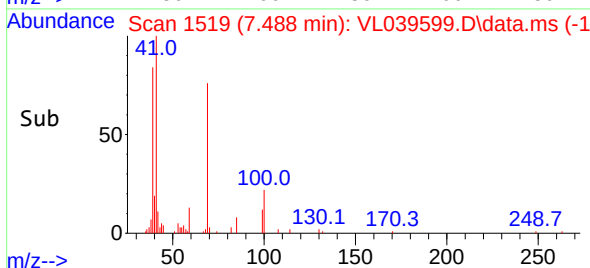
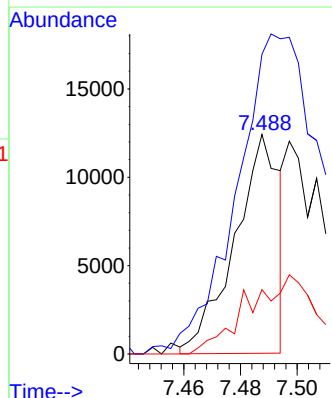
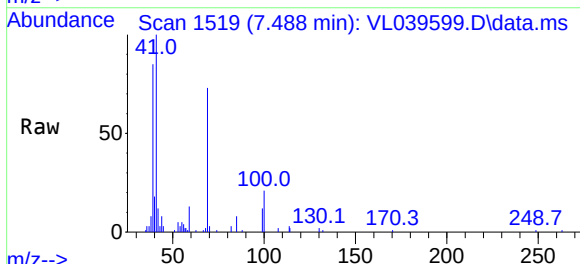
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

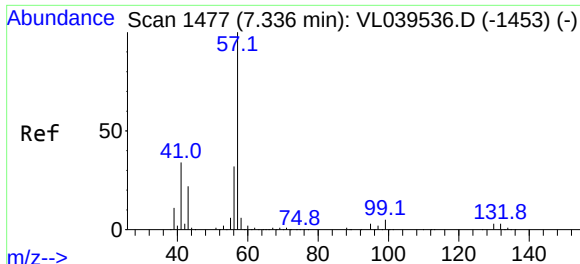
Tgt Ion:	83	Resp:	36635
Ion	Ratio	Lower	Upper
83	100		
85	68.2	50.7	76.1
127	9.3	6.6	9.8



#43
Methyl Methacrylate
Concen: 0.197 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:	69	Resp:	13432
Ion	Ratio	Lower	Upper
69	100		
41	304.9	120.8	181.2#
100	0.0	27.8	41.6#

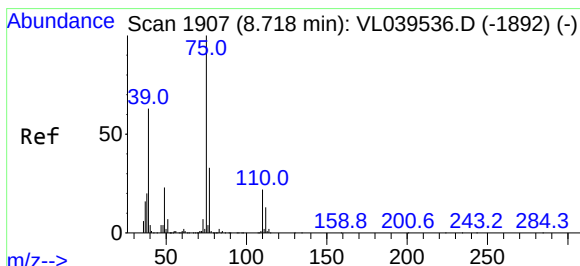
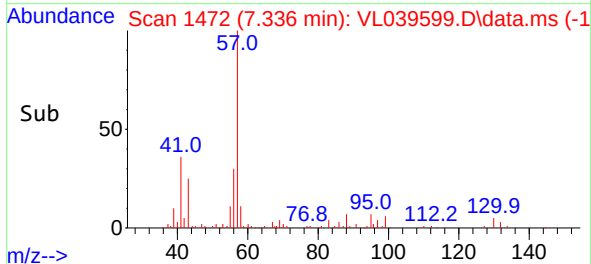
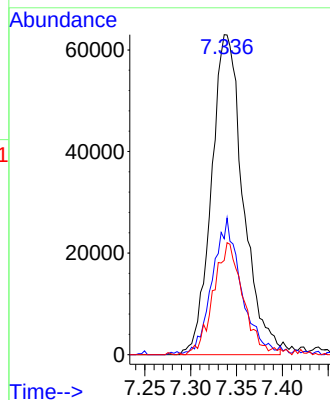
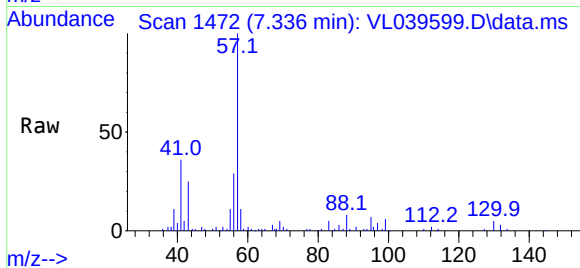




#44
2,2,4-Trimethylpentane
Concen: 0.476 ppbv
RT: 7.336 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

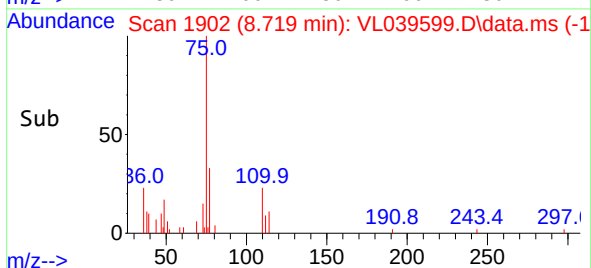
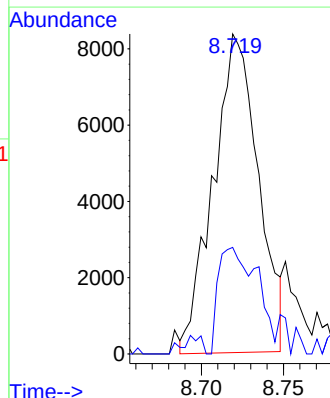
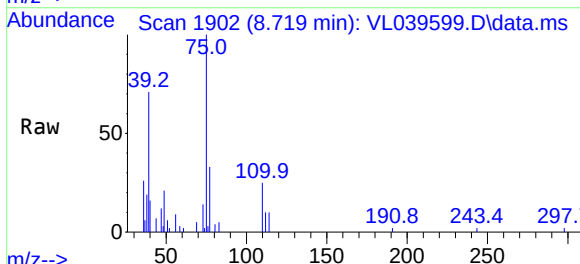
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

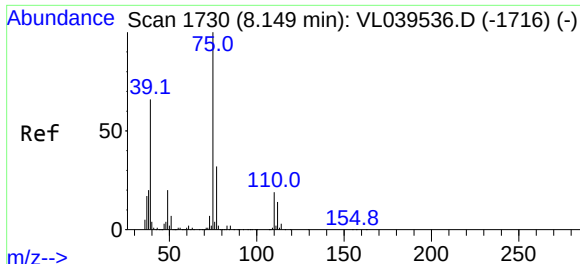
Tgt Ion:	57	Resp:	151347
Ion	Ratio	Lower	Upper
57	100		
41	39.9	27.4	41.2
56	33.2	24.5	36.7



#45
t-1,3-Dichloropropene
Concen: 0.269 ppbv
RT: 8.719 min Scan# 1902
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:	75	Resp:	15940
Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.6	36.8





#46

cis-1,3-Dichloropropene

Concen: 0.108 ppbv

RT: 8.143 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

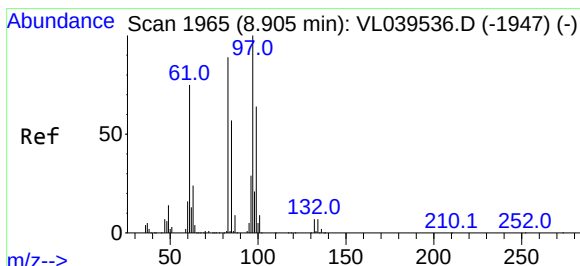
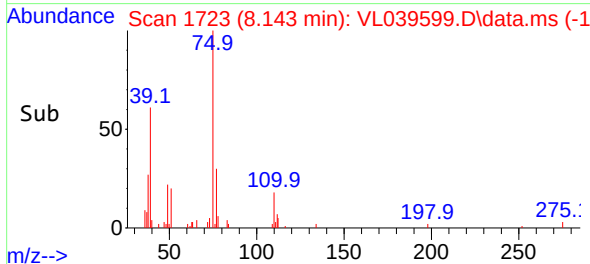
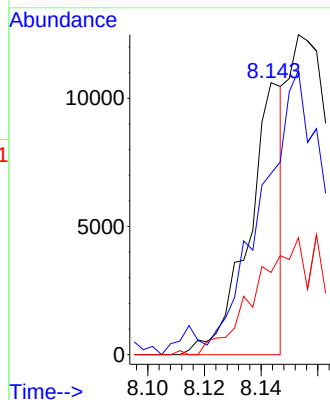
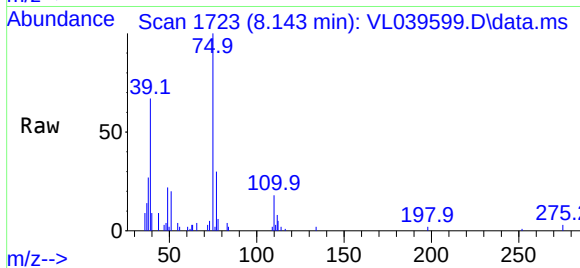
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 75	Resp:	8860	
Ion	Ratio	Lower	Upper
75	100		
39	61.6	55.0	82.4
77	28.8	25.7	38.5



#47

1,1,2-Trichloroethane

Concen: 0.259 ppbv

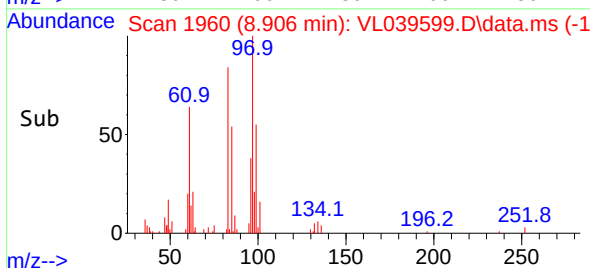
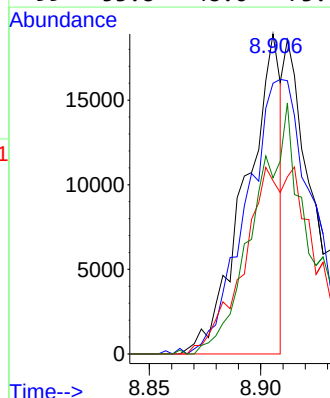
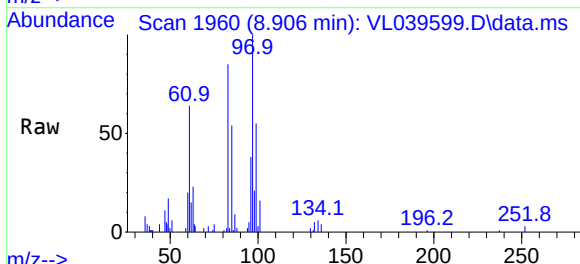
RT: 8.906 min Scan# 1960

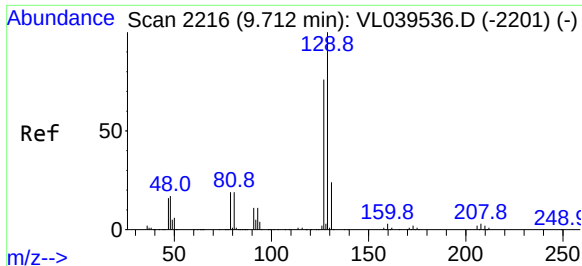
Delta R.T. 0.001 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Tgt Ion: 97	Resp: 20977
Ion Ratio	Lower Upper
97 100	
83 82.8	67.4 101.0
85 54.2	45.1 67.7
99 53.8	48.6 73.0

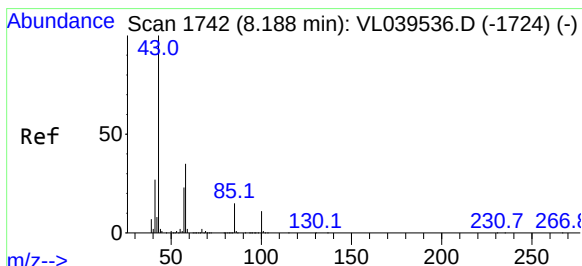
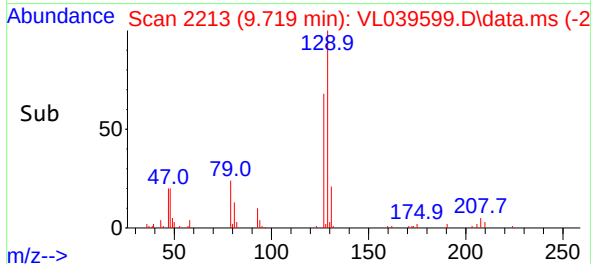
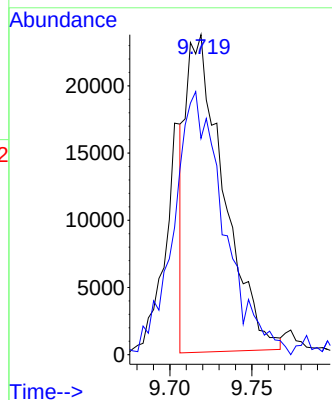
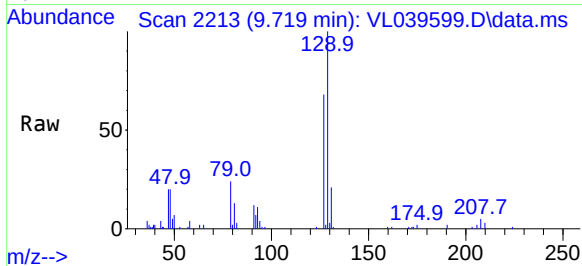




#48
Dibromochloromethane
Concen: 0.316 ppbv
RT: 9.719 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

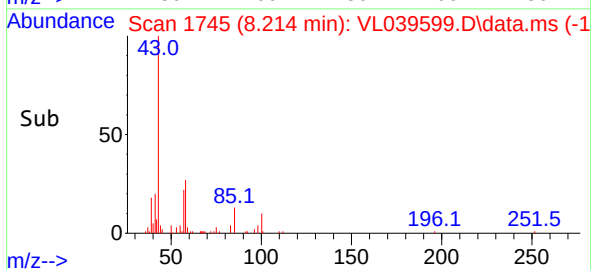
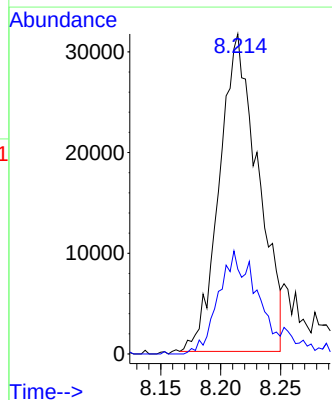
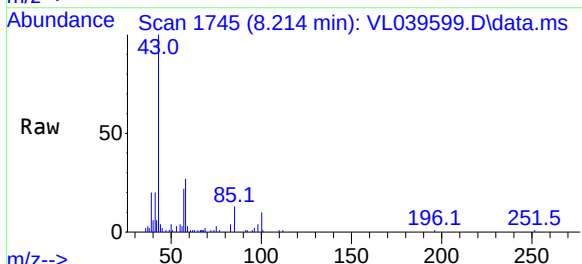
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

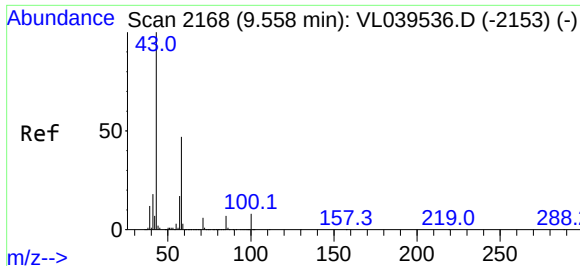
Tgt Ion:129 Resp: 37772
Ion Ratio Lower Upper
129 100
127 112.1 39.3 117.9



#50
4-Methyl-2-Pentanone
Concen: 0.368 ppbv
RT: 8.214 min Scan# 1745
Delta R.T. 0.026 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 43 Resp: 70611
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2

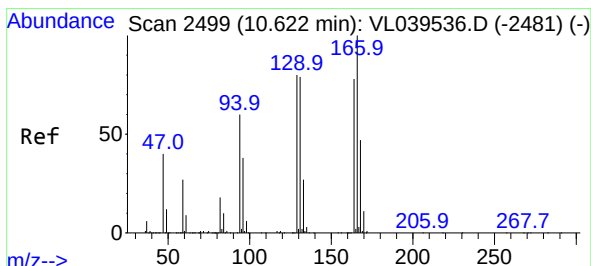
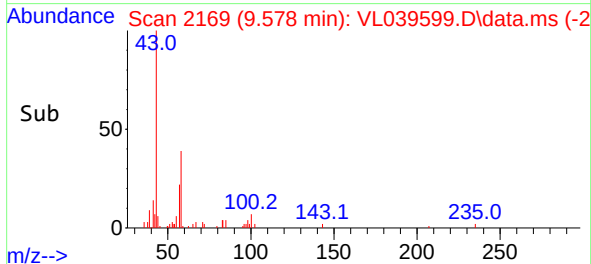
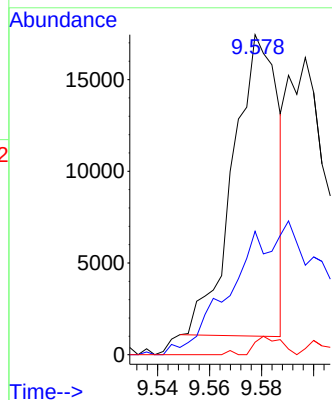
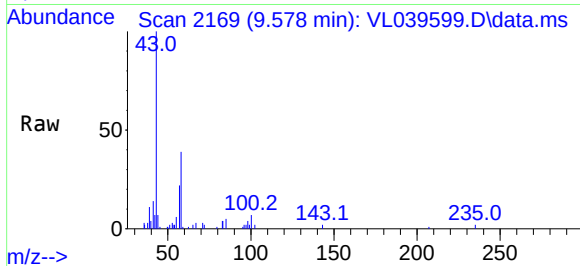




#51
2-Hexanone
Concen: 0.139 ppbv
RT: 9.578 min Scan# 2168
Delta R.T. 0.020 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

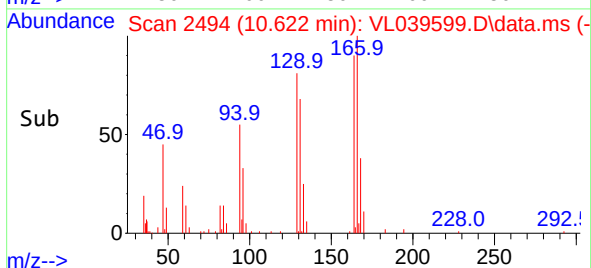
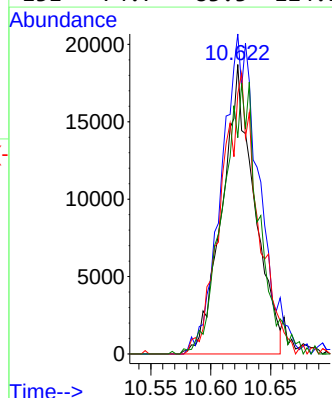
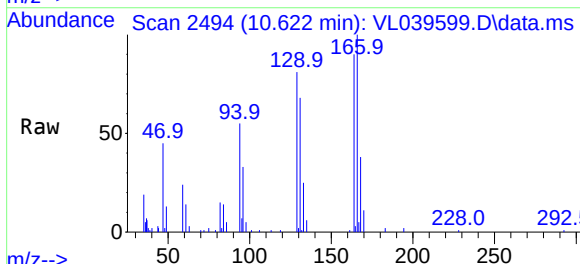
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

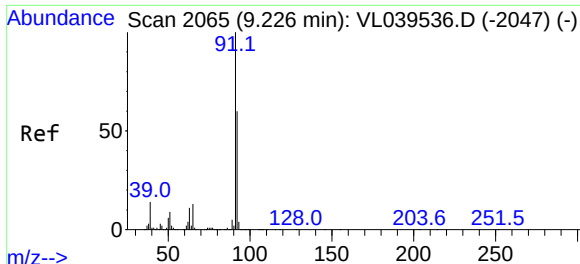
Tgt Ion: 43 Resp: 19637
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 6.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.488 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 164 Resp: 34833
Ion Ratio Lower Upper
164 100
166 110.6 102.2 153.2
129 90.0 85.8 128.8
131 74.7 83.3 124.9#

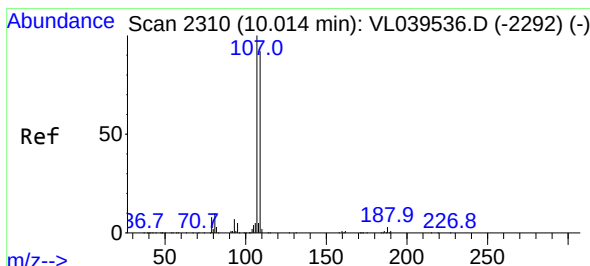
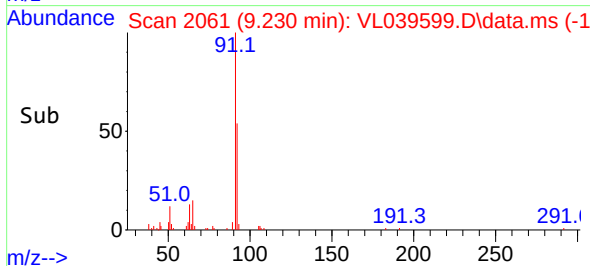
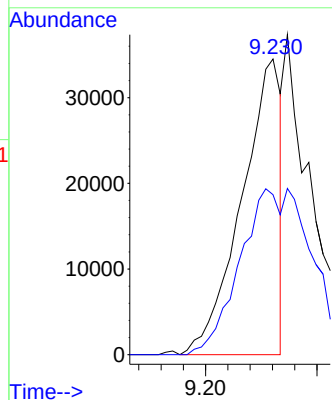
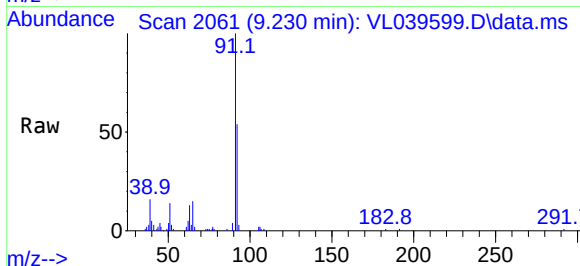




#53
Toluene
Concen: 0.200 ppbv
RT: 9.230 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

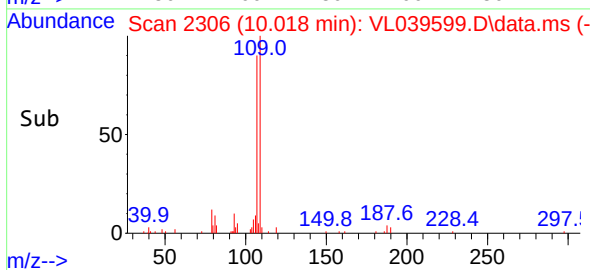
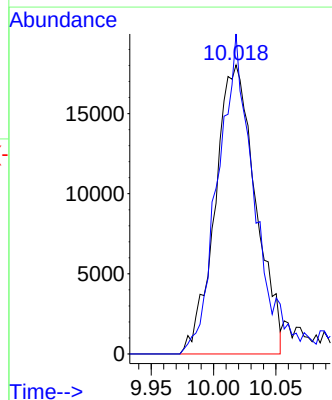
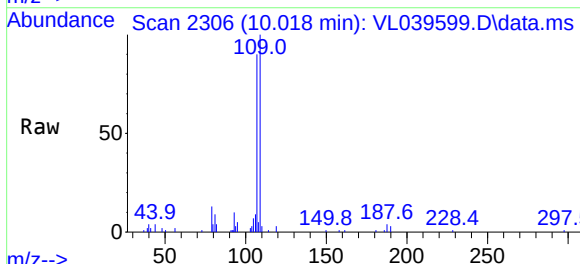
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

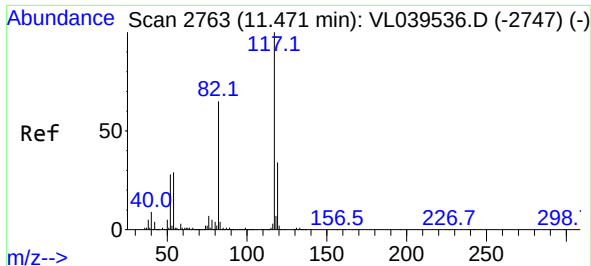
Tgt Ion: 91 Resp: 42313
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#



#54
1,2-Dibromoethane
Concen: 0.448 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 107 Resp: 40596
Ion Ratio Lower Upper
107 100
109 110.7 74.8 112.2



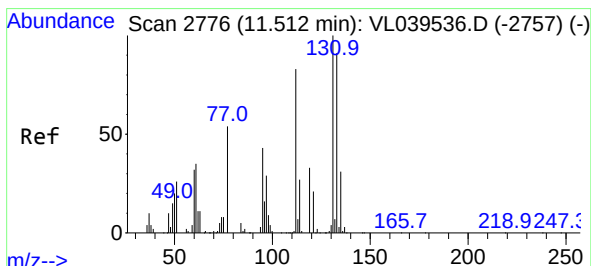
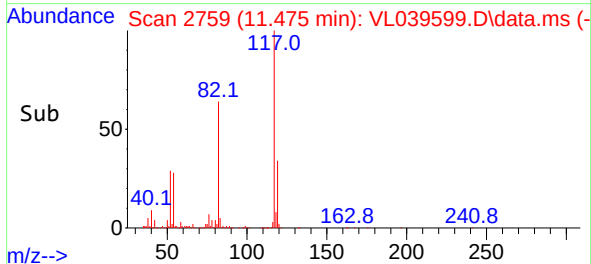
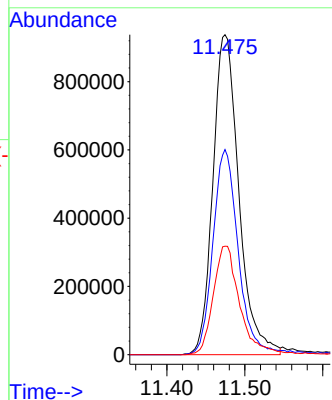
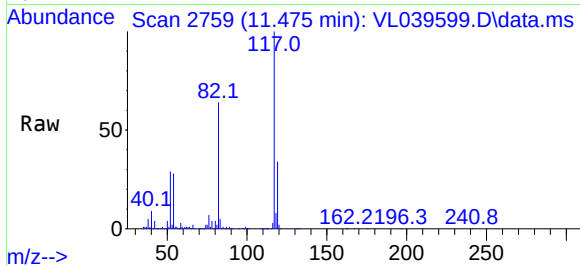


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion:117 Resp: 2172209

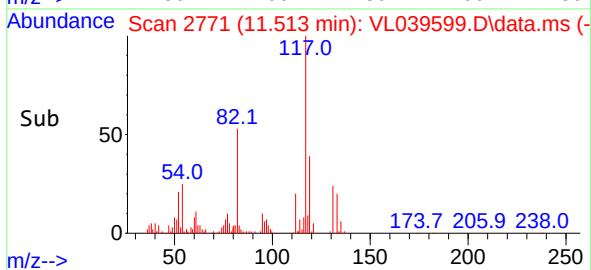
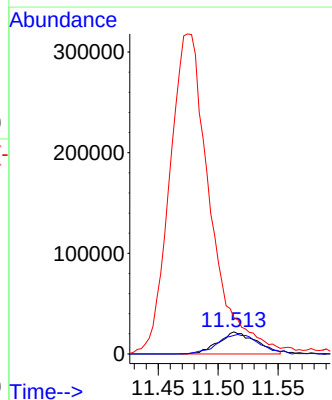
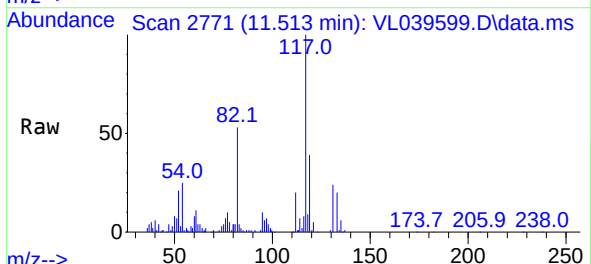
Ion	Ratio	Lower	Upper
117	100		
82	63.8	50.8	76.2
119	35.0	24.1	36.1

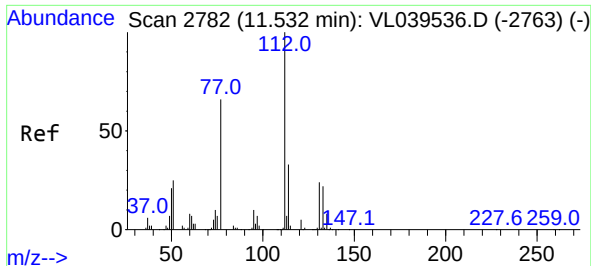


#56
1,1,1,2-Tetrachloroethane
Concen: 0.545 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:131 Resp: 48098

Ion	Ratio	Lower	Upper
131	100		
133	98.0	76.8	115.2
119	1580.6	46.2	69.4#

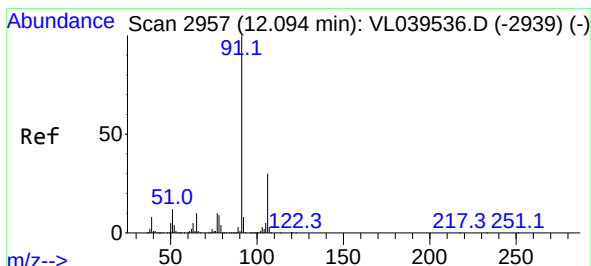
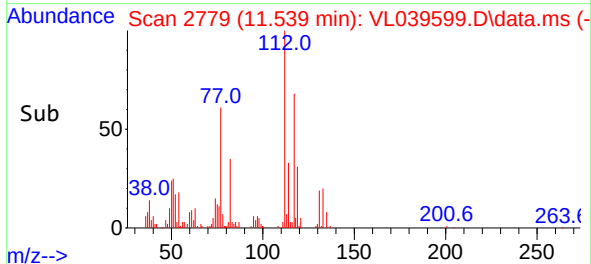
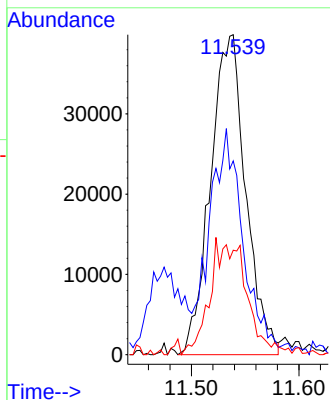
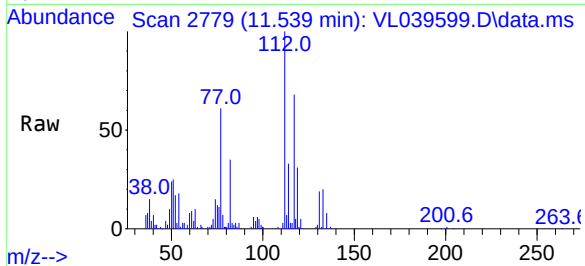




#57
Chlorobenzene
Concen: 0.561 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

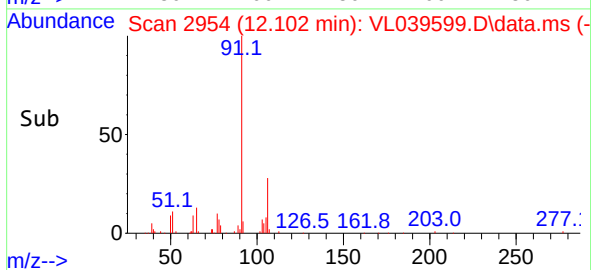
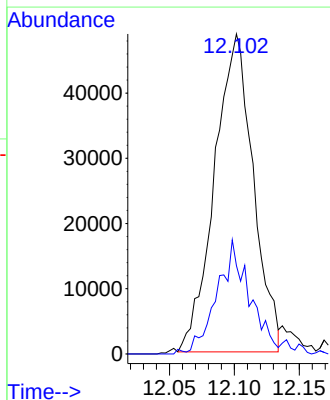
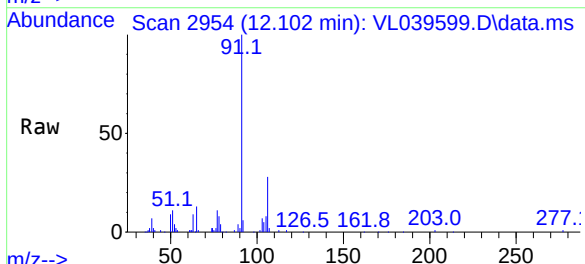
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

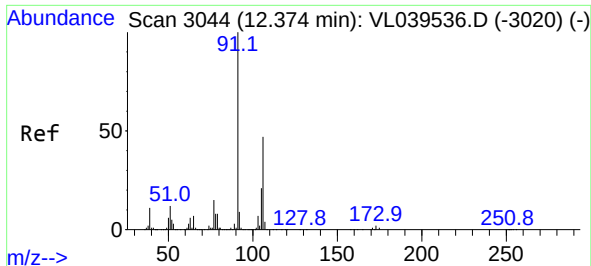
Tgt Ion:	112	Resp:	90887
Ion	Ratio	Lower	Upper
112	100		
77	58.3	51.0	76.4
114	29.5	27.5	33.6



#58
Ethyl Benzene
Concen: 0.404 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:	91	Resp:	100938
Ion	Ratio	Lower	Upper
91	100		
106	26.3	25.4	38.0





#59

m/p-Xylene

Concen: 0.252 ppbv

RT: 12.378 min Scan# 3044

Delta R.T. 0.004 min

Lab File: VL039599.D

Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

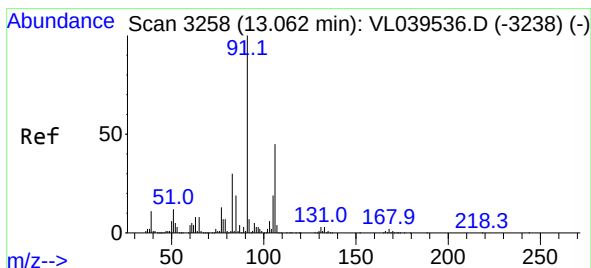
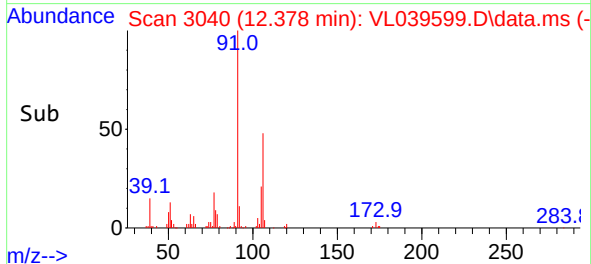
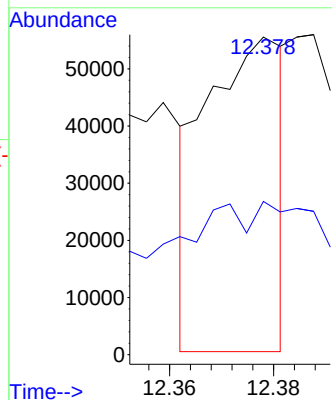
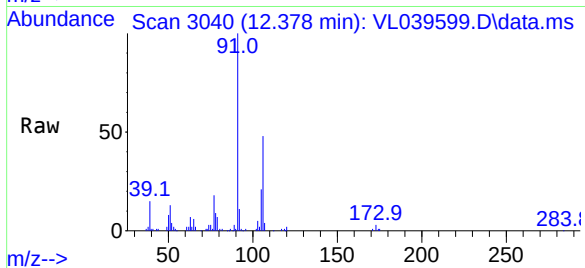
MDL-AIR-03-QT3-2022

Tgt Ion: 91 Resp: 56522

Ion Ratio Lower Upper

91 100

106 159.2 35.4 53.2#



#60

o-Xylene

Concen: 0.294 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.004 min

Lab File: VL039599.D

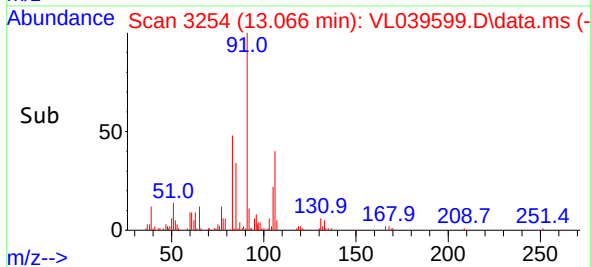
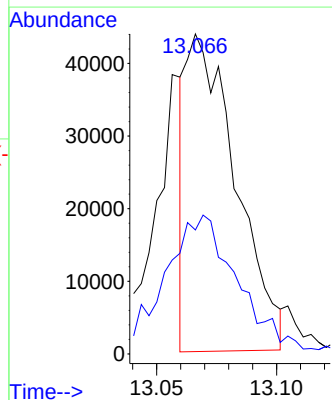
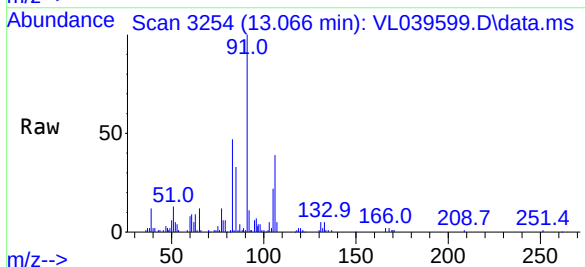
Acq: 26 Aug 2022 11:52

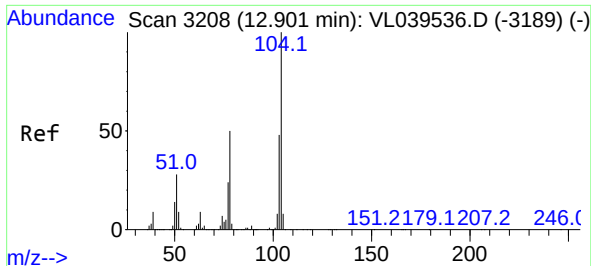
Tgt Ion: 91 Resp: 63109

Ion Ratio Lower Upper

91 100

106 68.9 22.4 67.3#

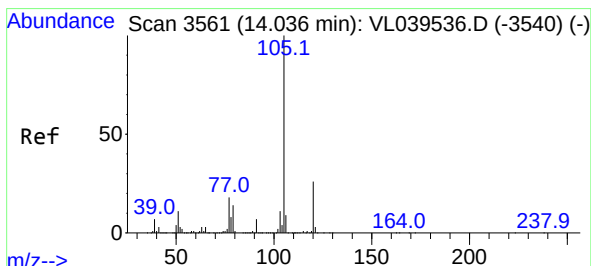
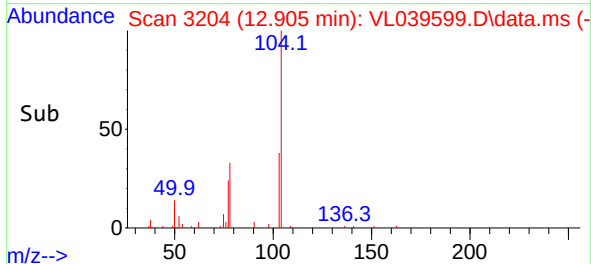
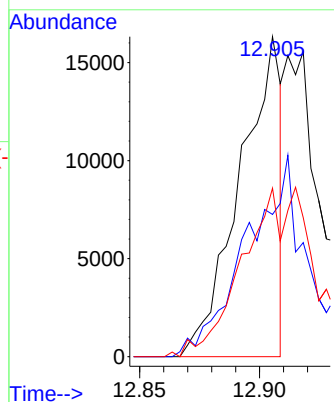
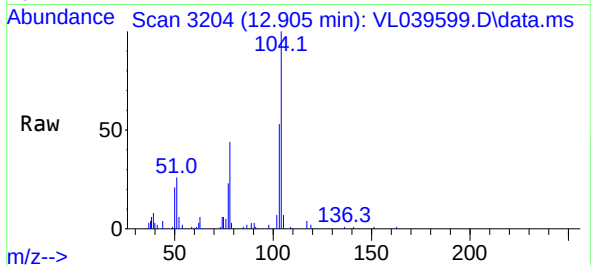




#61
Styrene
Concen: 0.170 ppbv
RT: 12.905 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

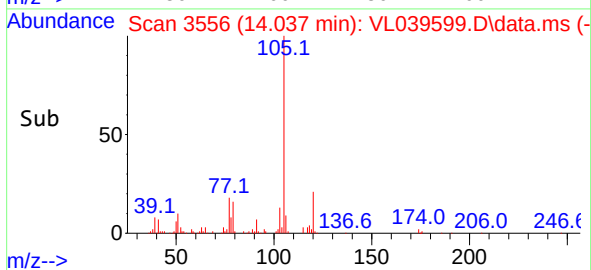
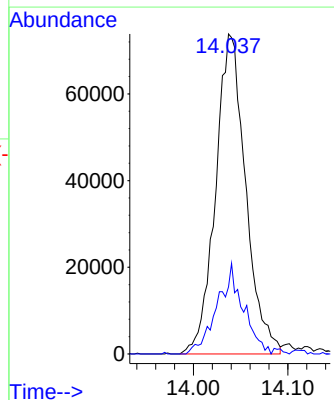
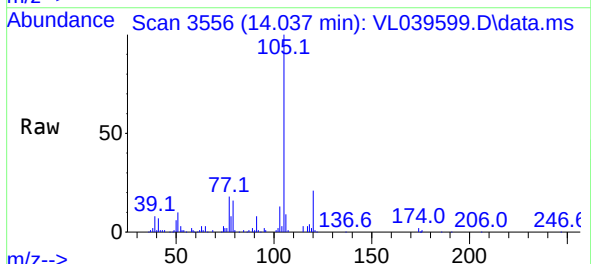
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

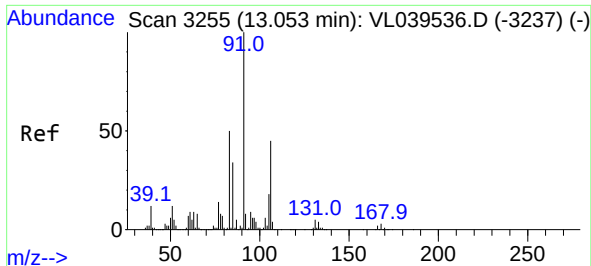
Tgt Ion:104 Resp: 19473
Ion Ratio Lower Upper
104 100
78 0.0 41.2 61.8#
103 0.0 38.7 58.1#



#62
Isopropylbenzene
Concen: 0.502 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:105 Resp: 163136
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1

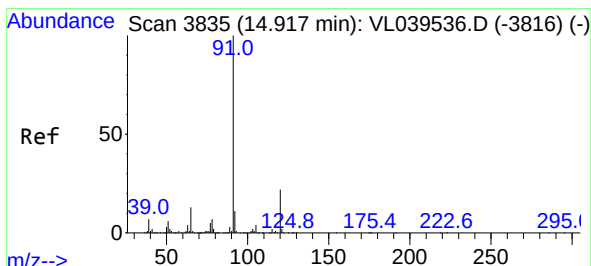
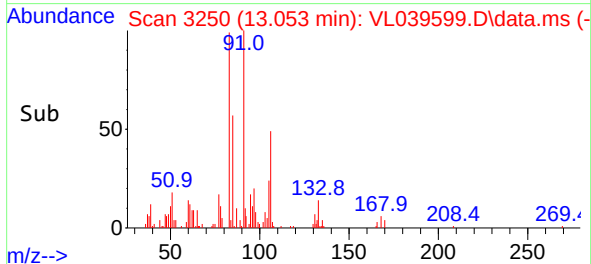
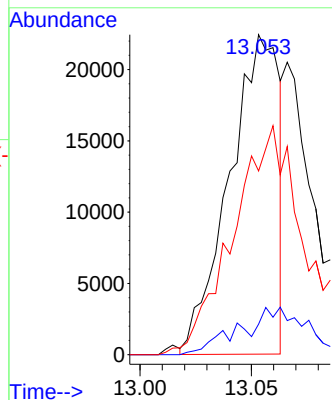
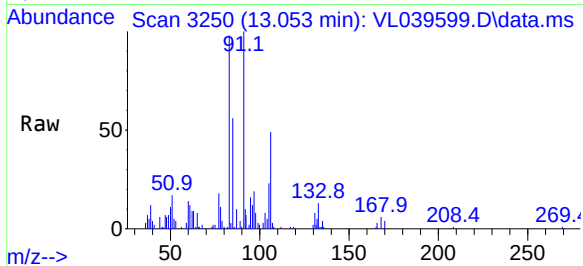




#63
1,1,2,2-Tetrachloroethane
Concen: 0.342 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

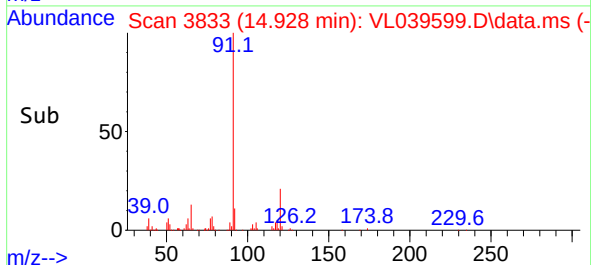
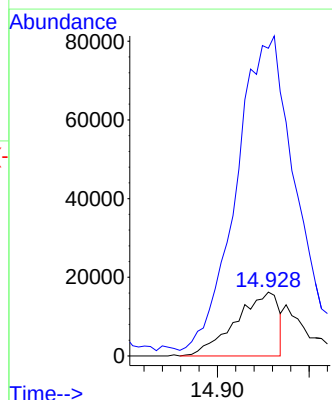
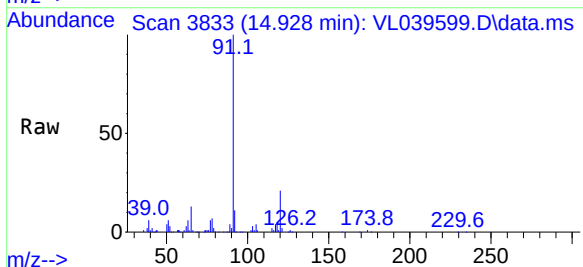
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

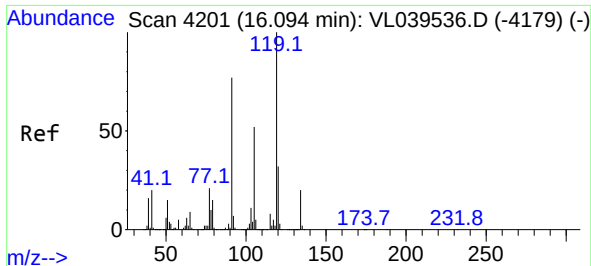
Tgt Ion: 83 Resp: 34841
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 0.0 33.1 99.5#



#64
n-propylbenzene
Concen: 0.312 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 120 Resp: 26319
Ion Ratio Lower Upper
120 100
91 751.7 367.2 550.8#

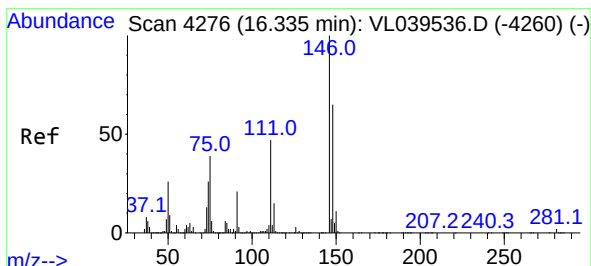
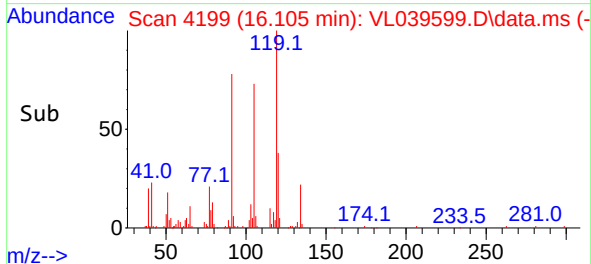
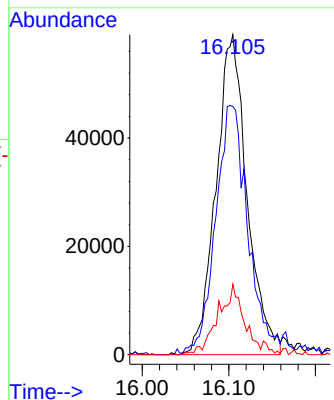
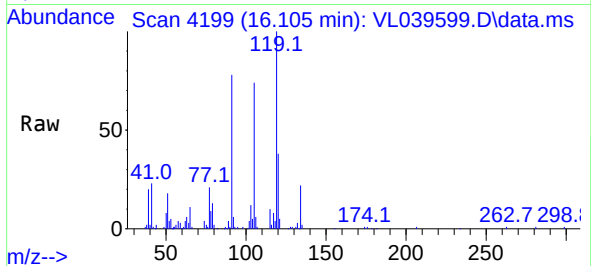




#65
tert-Butylbenzene
Concen: 0.510 ppbv
RT: 16.105 min Scan# 4179
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

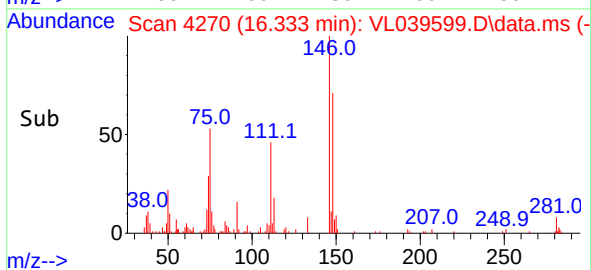
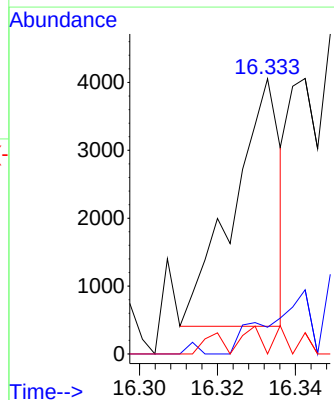
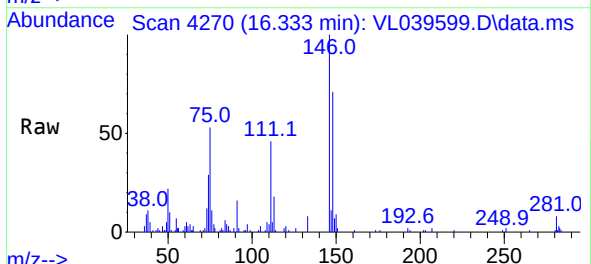
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

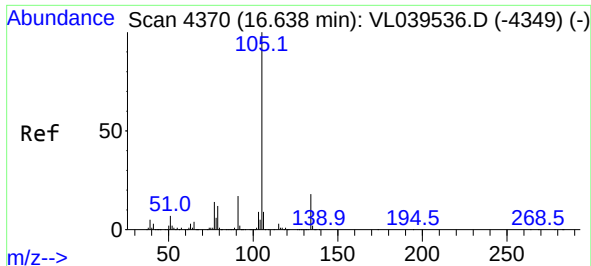
Tgt Ion:119 Resp: 147263
Ion Ratio Lower Upper
119 100
91 82.6 63.4 95.2
134 19.4 15.9 23.9



#66
Benzyl Chloride
Concen: 0.130 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.002 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 91 Resp: 3054
Ion Ratio Lower Upper
91 100
126 30.3 13.1 19.7#
128 10.2 4.4 6.6#

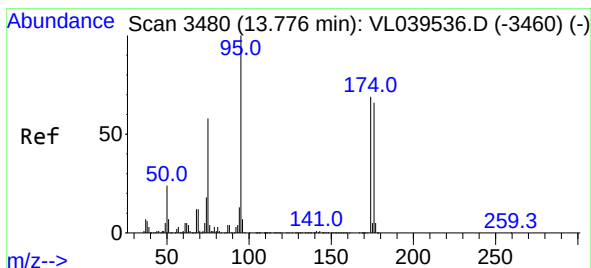
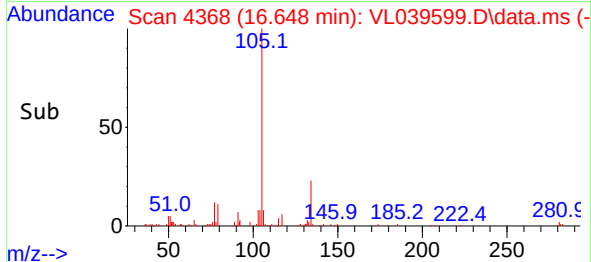
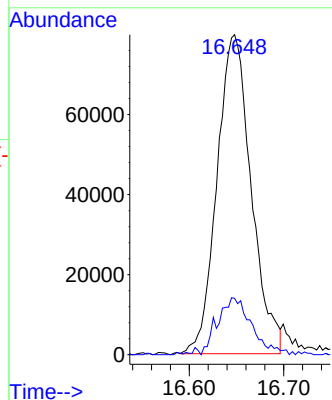
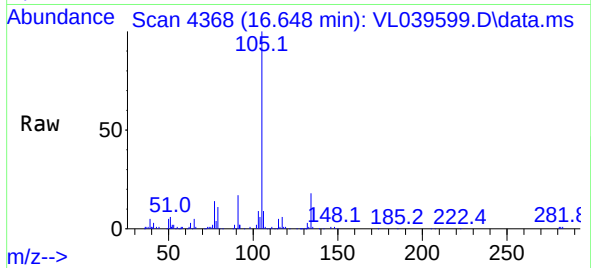




#67
 sec-Butylbenzene
 Concen: 0.490 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

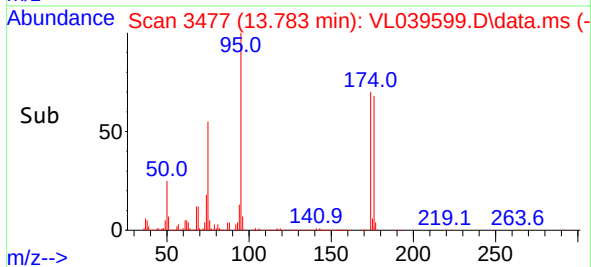
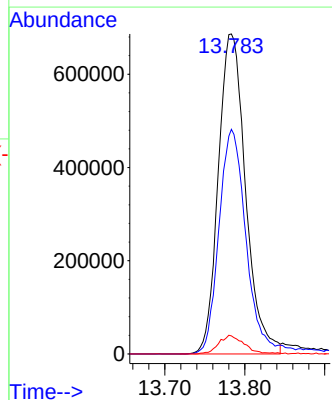
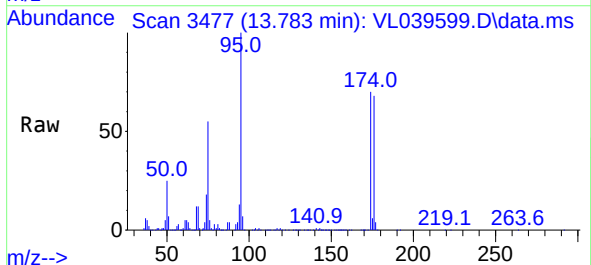
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

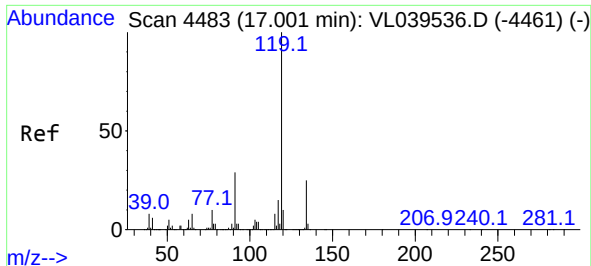
Tgt Ion:105 Resp: 200492
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.917 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

Tgt Ion: 95 Resp: 1625235
 Ion Ratio Lower Upper
 95 100
 174 73.1 55.9 83.9
 175 5.6 4.2 6.4

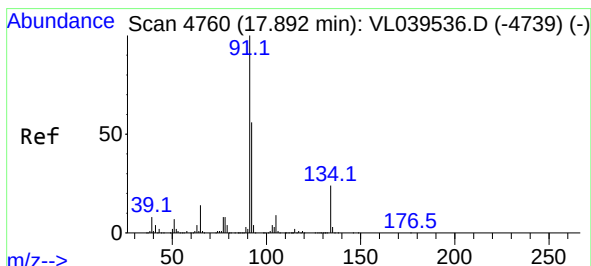
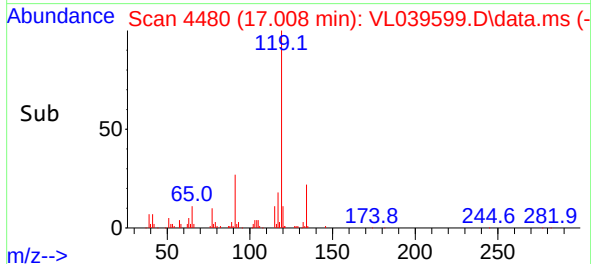
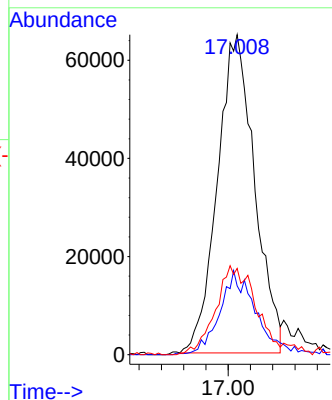
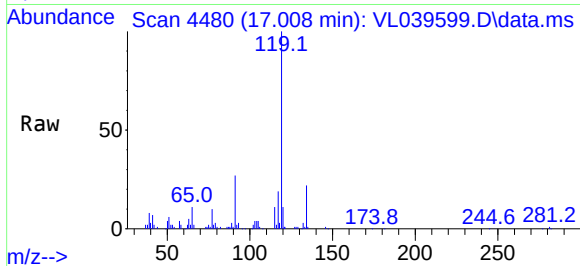




#69
p-Isopropyltoluene
Concen: 0.444 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.007 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

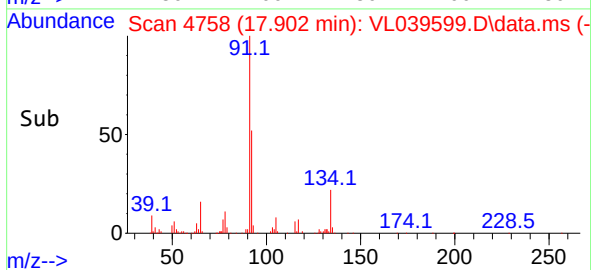
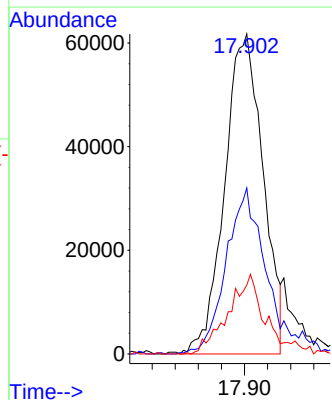
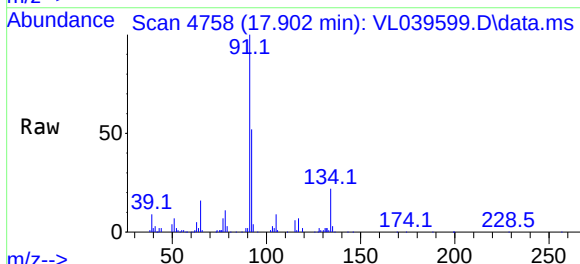
Instrument :
MSVOA_1
ClientSampleId :
MDL-AIR-03-QT3-2022

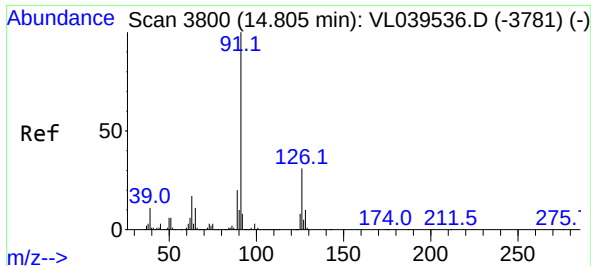
Tgt Ion: 119 Resp: 150647
Ion Ratio Lower Upper
119 100
134 26.0 20.3 30.5
91 31.8 22.9 34.3



#70
n-Butylbenzene
Concen: 0.422 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 91 Resp: 142696
Ion Ratio Lower Upper
91 100
92 55.7 43.4 65.2
134 24.6 18.9 28.3

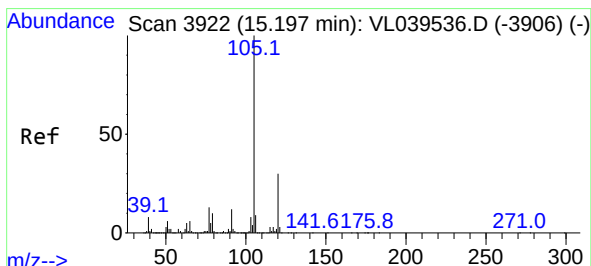
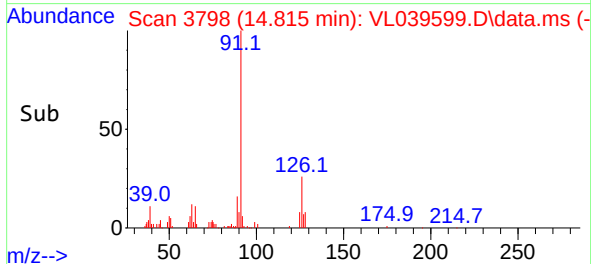
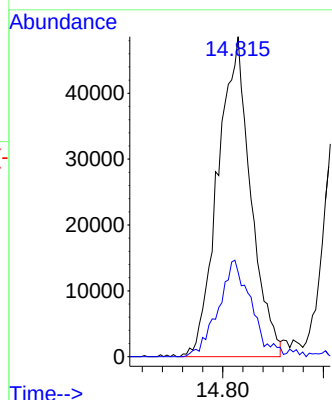
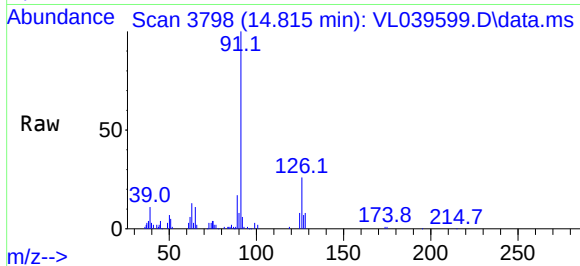




#71
2-Chlorotoluene
Concen: 0.468 ppbv
RT: 14.815 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

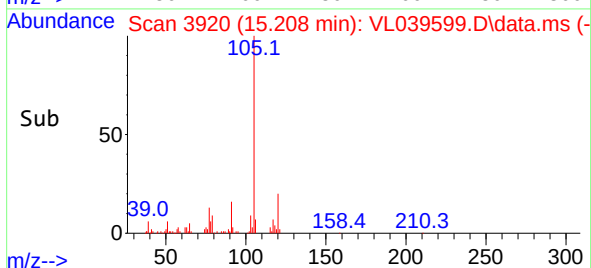
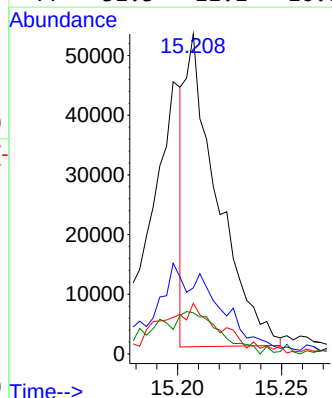
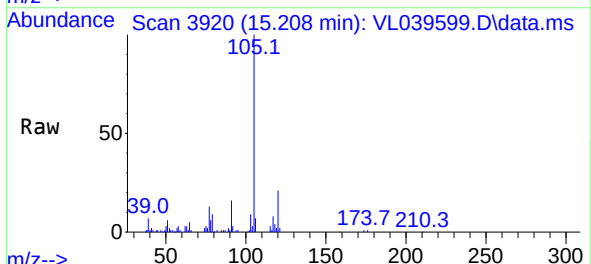
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

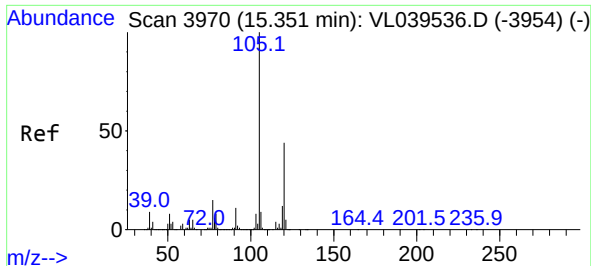
Tgt Ion: 91 Resp: 110116
Ion Ratio Lower Upper
91 100
126 31.6 13.0 51.8



#72
4-Ethyltoluene
Concen: 0.224 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion: 105 Resp: 56371
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 31.2 10.2 15.4#
77 31.3 11.1 16.7#

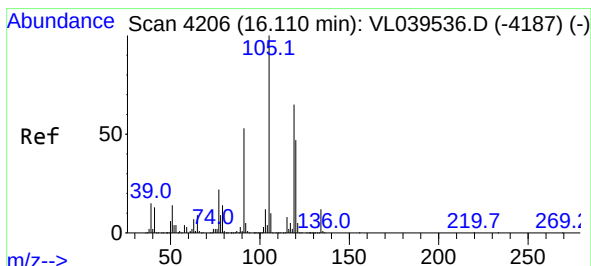
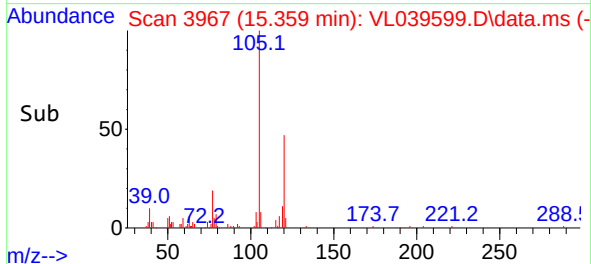
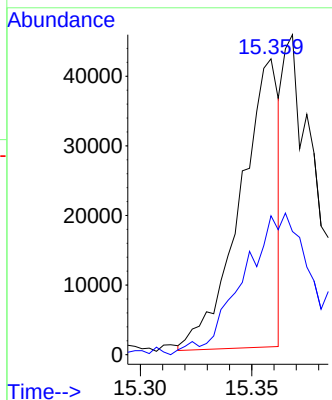
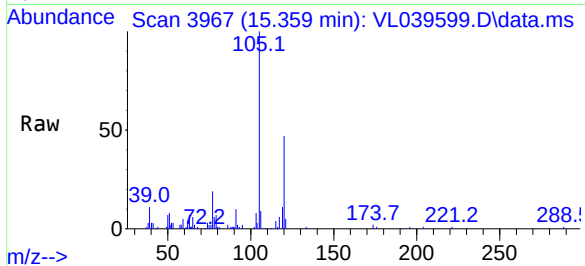




#73
 1,3,5-Trimethylbenzene
 Concen: 0.219 ppbv
 RT: 15.359 min Scan# 3970
 Delta R.T. 0.007 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

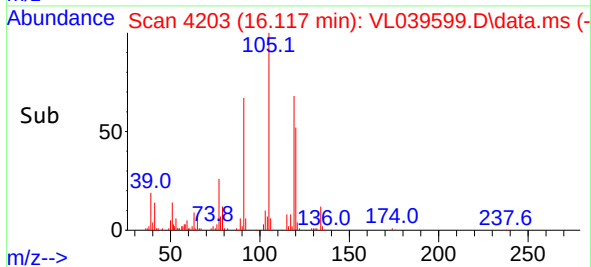
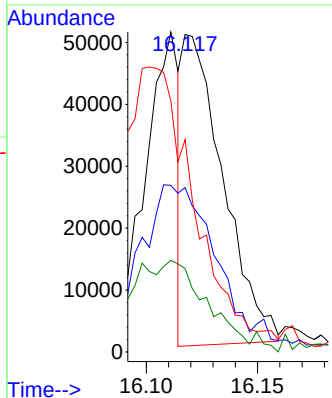
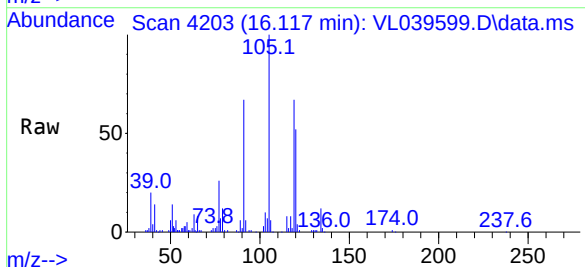
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

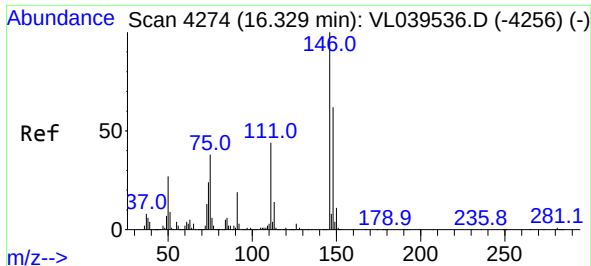
Tgt Ion:105 Resp: 50208
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.2 57.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.248 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. 0.007 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

Tgt Ion:105 Resp: 63471
 Ion Ratio Lower Upper
 105 100
 120 54.8 39.5 59.3
 91 66.6 39.2 58.8#
 77 26.7 17.2 25.8#

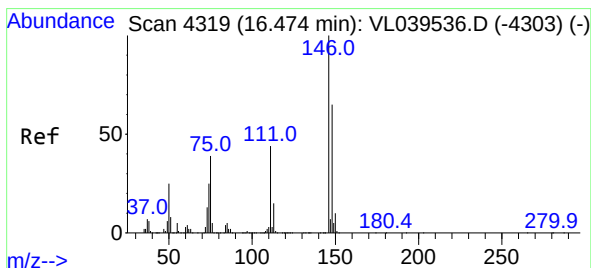
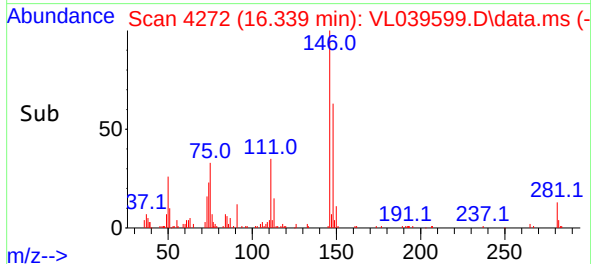
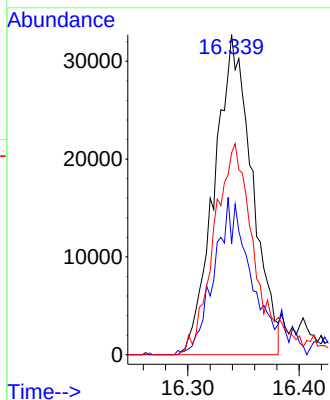
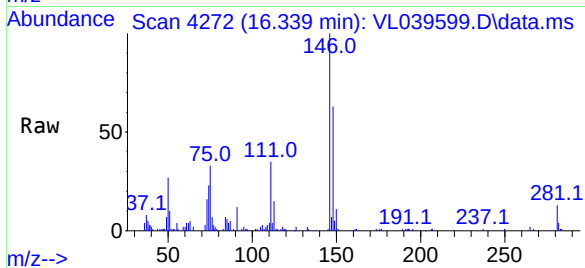




#75
1,3-Dichlorobenzene
Concen: 0.497 ppbv
RT: 16.339 min Scan# 4315
Delta R.T. 0.010 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

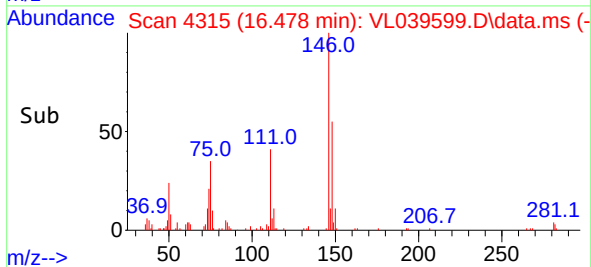
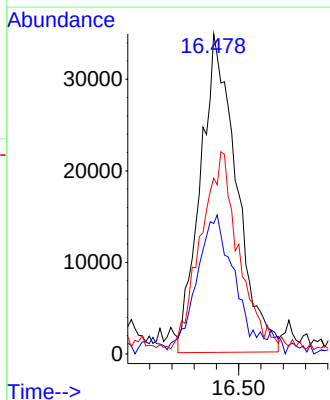
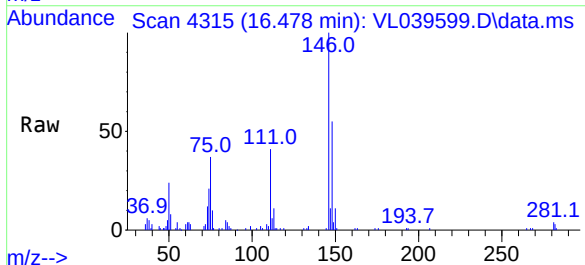
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

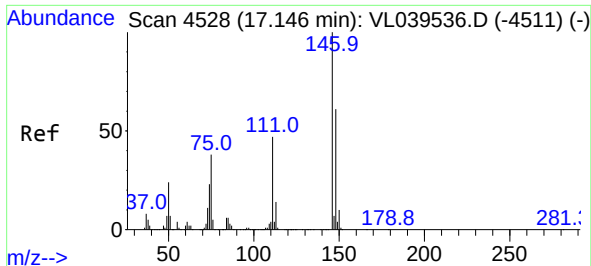
Tgt Ion:146 Resp: 77308
Ion Ratio Lower Upper
146 100
111 51.2 22.9 68.7
148 73.0 32.1 96.5



#76
1,4-Dichlorobenzene
Concen: 0.508 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:146 Resp: 78684
Ion Ratio Lower Upper
146 100
111 50.1 22.9 68.8
148 72.8 33.6 100.8

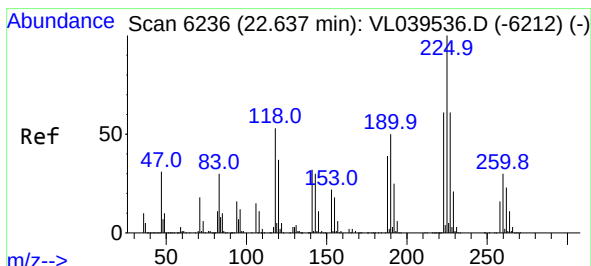
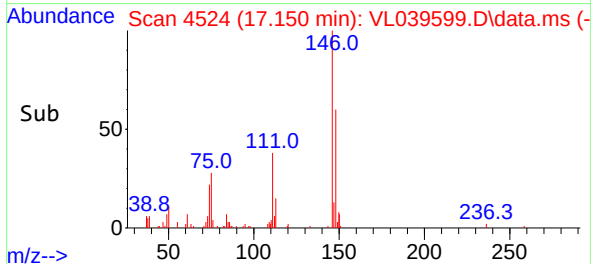
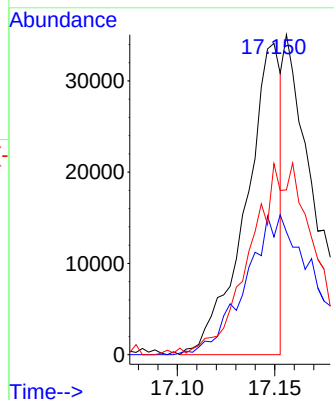
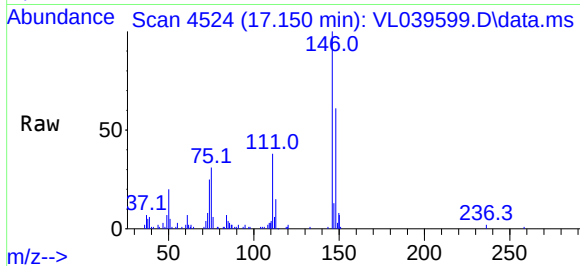




#77
 1,2-Dichlorobenzene
 Concen: 0.282 ppbv
 RT: 17.150 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

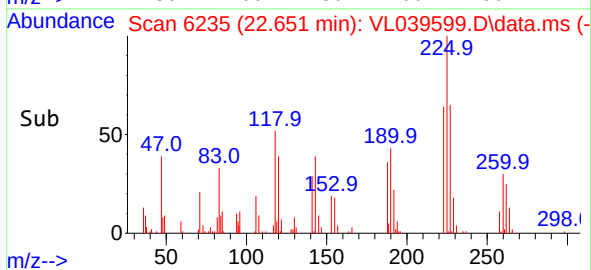
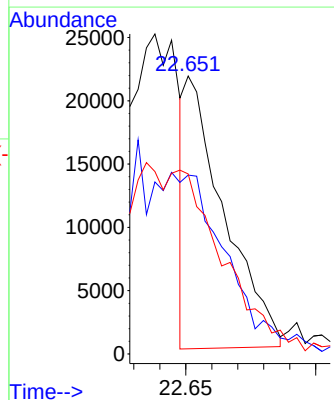
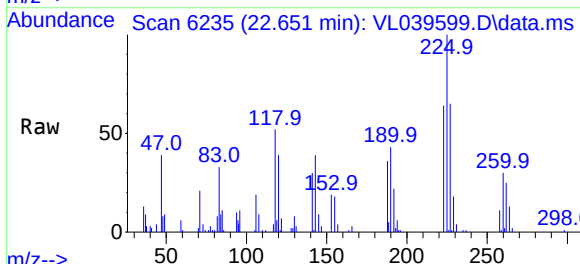
Instrument :
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 ClientSampleId :
 MDL-AIR-03-QT3-2022

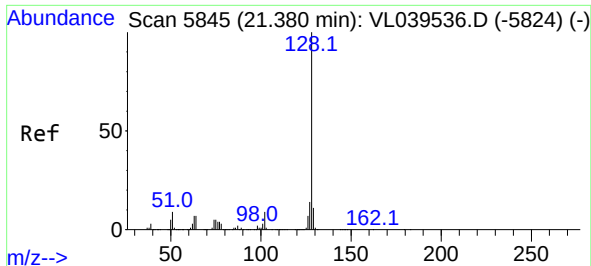
Tgt Ion:146 Resp: 42996
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.8 71.5#
 148 0.0 32.3 96.8#



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.185 ppbv
 RT: 22.651 min Scan# 6235
 Delta R.T. 0.014 min
 Lab File: VL039599.D
 Acq: 26 Aug 2022 11:52

Tgt Ion:225 Resp: 22504
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.8 77.6#
 227 0.0 51.4 77.2#

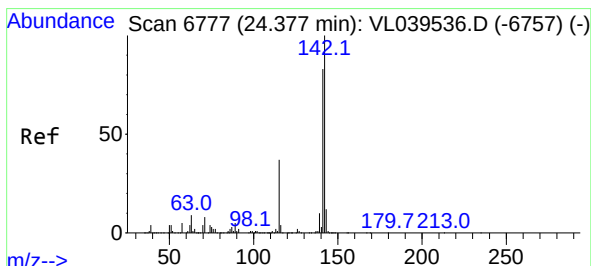
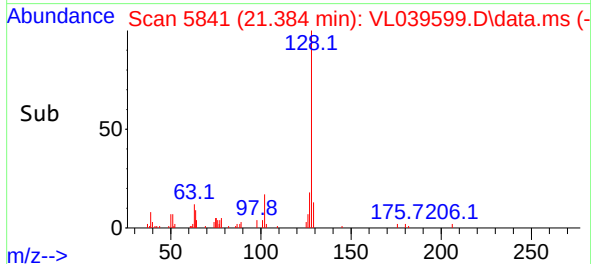
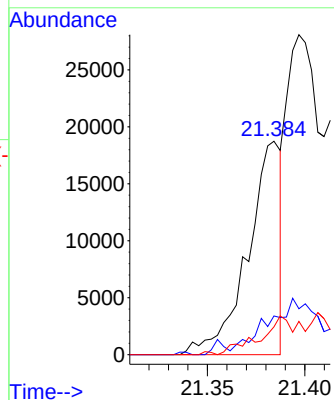
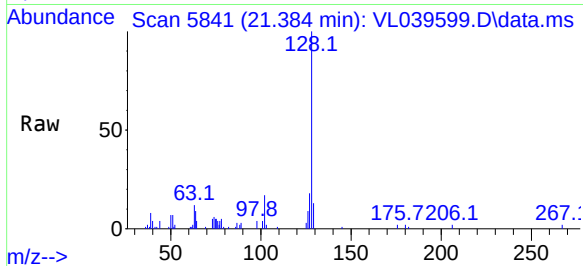




#79
Naphthalene
Concen: 0.123 ppbv
RT: 21.384 min Scan# 5845
Delta R.T. 0.004 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

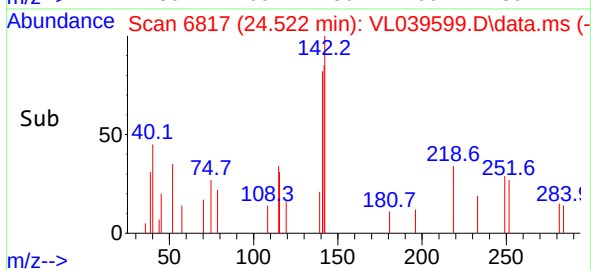
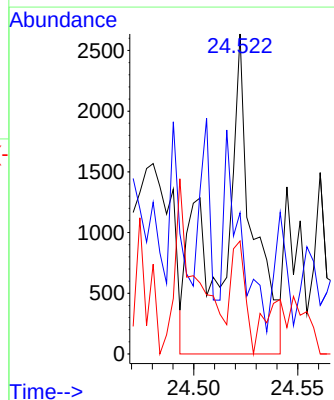
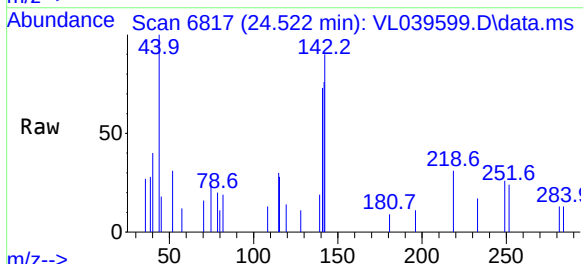
Instrument :
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ClientSampleId :
MDL-AIR-03-QT3-2022

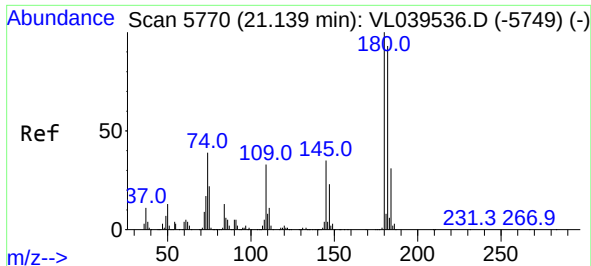
Tgt Ion:	128	Resp:	22432
Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.6	15.8#
129	13.0	8.8	13.2



#80
Naphthalene,2-methyl-
Concen: 0.038 ppbv
RT: 24.522 min Scan# 6817
Delta R.T. 0.145 min
Lab File: VL039599.D
Acq: 26 Aug 2022 11:52

Tgt Ion:	142	Resp:	2825
Ion	Ratio	Lower	Upper
142	100		
141	96.5	68.9	103.3
115	37.5	30.0	45.0





#81

1,2,4-Trichlorobenzene

Concen: 0.228 ppbv

RT: 21.146 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL039599.D

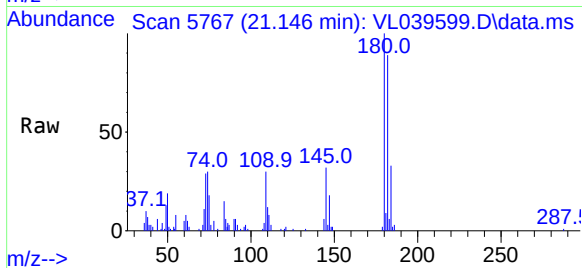
Acq: 26 Aug 2022 11:52

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



Tgt Ion:180 Resp: 27792

Ion Ratio Lower Upper

180 100

182 0.0 77.1 115.7#

184 0.0 24.3 36.5#

