

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039595.D
 Acq On : 26 Aug 2022 9:03
 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 23:53:39 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	5.205	49	968476	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2523438	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2266793	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1689435	9.879	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	95481	0.741	ppbv	92
3) Chlorodifluoromethane	2.697	51	64117	0.556	ppbv	95
4) Chloromethane	2.835	50	33674	0.485	ppbv	100
5) Vinyl Chloride	2.944	62	29534	0.527	ppbv	99
6) Bromomethane	3.144	94	11492	0.483	ppbv	85
7) Chloroethane	3.224	64	10261	0.488	ppbv #	85
8) Dichlorotetrafluoroethane	2.880	85	73184	0.531	ppbv	96
9) Propene	2.719	41	29333	0.556	ppbv	99
10) Heptane	7.591	43	49632	0.406	ppbv	96
11) Trichlorofluoromethane	3.584	101	77916	0.551	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.086	101	31160	0.298	ppbv #	34
13) Ethanol	3.266	45	631	0.166	ppbv #	43
14) Bromoethene	3.388	108	11343	0.265	ppbv #	3
15) Acetone	3.501	43	61896	0.571	ppbv #	86
16) 1,3-Butadiene	3.009	39	27384	0.484	ppbv	95
17) tert-Butyl alcohol	3.915	59	27198	0.294	ppbv	95
18) 1,1-Dichloroethene	3.899	96	19897	0.422	ppbv #	93
19) Isopropyl Alcohol	3.610	45	7109	0.135	ppbv #	43
20) Methylene Chloride	3.954	84	30428	0.690	ppbv	92
21) Allyl Chloride	4.015	41	19044	0.270	ppbv #	32
22) trans-1,2-Dichloroethene	4.462	96	20593	0.439	ppbv #	77
23) Vinyl Acetate	4.632	43	2748	0.053	ppbv #	1
24) 1,1-Dichloroethane	4.578	63	25186	0.264	ppbv	96
25) Ethyl Acetate	5.230	43	99871	0.430	ppbv #	94
26) Hexane	5.230	57	42337	0.447	ppbv #	74
27) Carbon Disulfide	4.147	76	33643	0.332	ppbv #	76
28) Methyl tert-Butyl Ether	4.613	73	37437	0.458	ppbv	97
29) Chloroform	5.285	83	78212	0.528	ppbv	90
30) Cyclohexane	6.603	84	10732	0.137	ppbv #	1
31) cis-1,2-Dichloroethene	5.089	61	20127	0.219	ppbv	93
32) 1,1,1-Trichloroethane	6.015	97	37150	0.285	ppbv #	30
34) 2-Butanone	4.816	43	61253	0.488	ppbv	98
35) Carbon Tetrachloride	6.507	117	63379	0.465	ppbv	99
36) Benzene	6.382	78	82202	0.427	ppbv	96
37) 1,2-Dichloroethane	5.819	62	27464	0.259	ppbv #	73
38) Trichloroethene	7.298	130	25695	0.249	ppbv	97
39) 1,2-Dichloropropane	7.082	63	32800	0.454	ppbv #	88
41) Tetrahydrofuran	5.591	42	8534	0.114	ppbv #	35
42) Bromodichloromethane	7.256	83	67182	0.463	ppbv #	88
43) Methyl Methacrylate	7.488	69	11825	0.170	ppbv #	1
44) 2,2,4-Trimethylpentane	7.343	57	72405	0.223	ppbv #	22
45) t-1,3-Dichloropropene	8.729	75	6745	0.112	ppbv	98
46) cis-1,3-Dichloropropene	8.156	75	10542	0.126	ppbv	97

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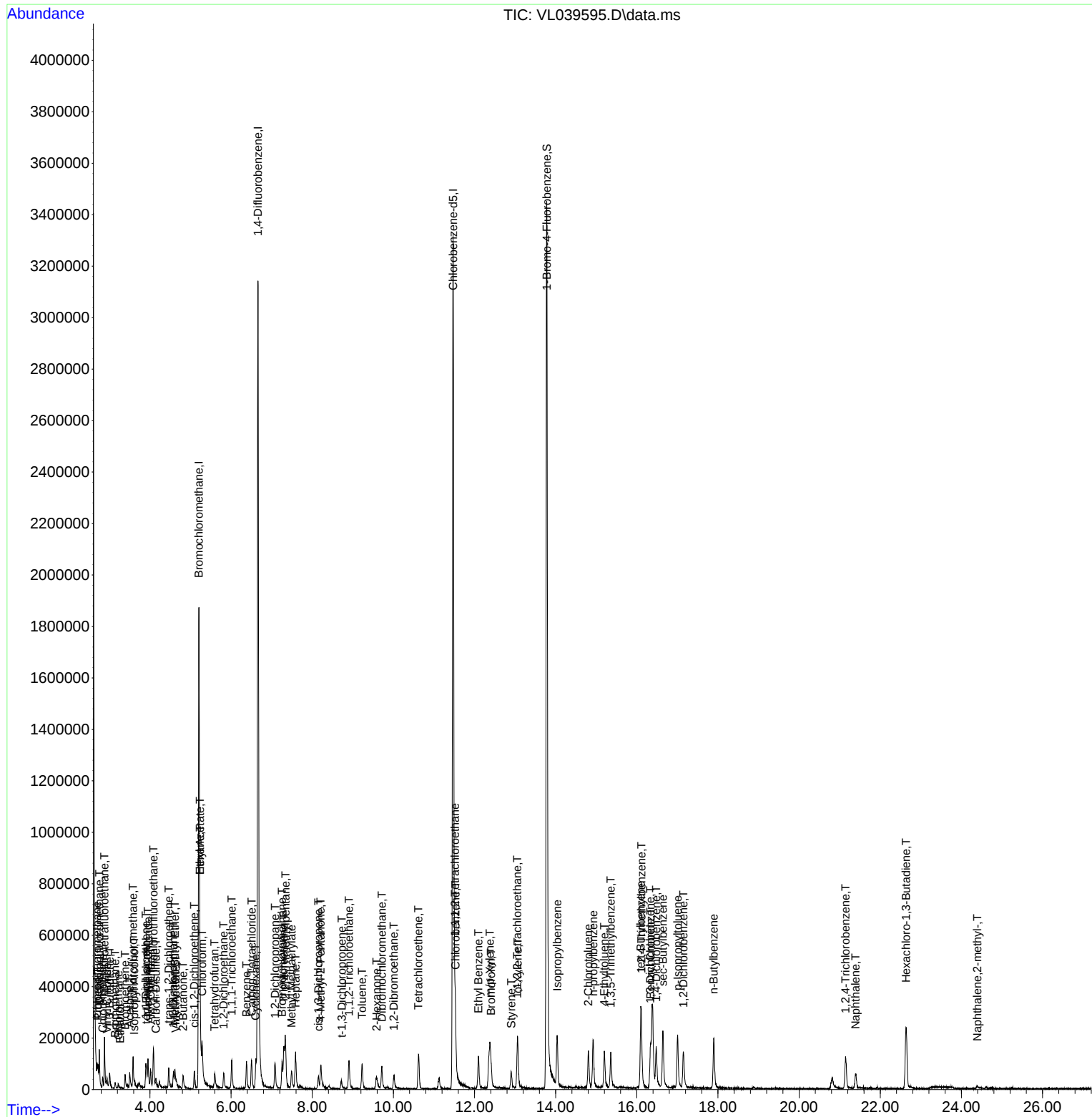
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.906	97	33203	0.402	ppbv	90
48) Dibromochloromethane	9.716	129	49340	0.405	ppbv	98
49) Bromoform	12.407	173	23343	0.231	ppbv #	26
50) 4-Methyl-2-Pentanone	8.208	43	30310	0.155	ppbv #	29
51) 2-Hexanone	9.584	43	32795	0.228	ppbv #	83
52) Tetrachloroethene	10.619	164	20038	0.275	ppbv	88
53) Toluene	9.230	91	77945	0.362	ppbv	97
54) 1,2-Dibromoethane	10.012	107	22769	0.246	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	48640	0.528	ppbv #	1
57) Chlorobenzene	11.536	112	46232	0.273	ppbv	97
58) Ethyl Benzene	12.098	91	52255	0.201	ppbv	96
59) m/p-Xylene	12.378	91	118268	0.506	ppbv #	49
60) o-Xylene	13.063	91	91558	0.408	ppbv	96
61) Styrene	12.909	104	39508	0.331	ppbv	96
62) Isopropylbenzene	14.037	105	160270	0.473	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	33321	0.314	ppbv #	46
64) n-propylbenzene	14.928	120	39151	0.444	ppbv	82
65) tert-Butylbenzene	16.095	119	91414	0.303	ppbv #	48
66) Benzyl Chloride	16.339	91	2058	0.084	ppbv #	78
67) sec-Butylbenzene	16.642	105	188809	0.442	ppbv	100
69) p-Isopropyltoluene	17.005	119	152742	0.431	ppbv	95
70) n-Butylbenzene	17.896	91	81171	0.230	ppbv #	33
71) 2-Chlorotoluene	14.806	91	98579	0.401	ppbv	94
72) 4-Ethyltoluene	15.198	105	91448	0.349	ppbv #	89
73) 1,3,5-Trimethylbenzene	15.359	105	91094	0.380	ppbv	95
74) 1,2,4-Trimethylbenzene	16.114	105	117263	0.439	ppbv #	92
75) 1,3-Dichlorobenzene	16.330	146	17360	0.107	ppbv #	1
76) 1,4-Dichlorobenzene	16.478	146	74101	0.458	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	45494	0.286	ppbv #	36
78) Hexachloro-1,3-Butadiene	22.635	225	37172	0.294	ppbv #	22
79) Naphthalene	21.391	128	33668	0.177	ppbv	97
80) Naphthalene,2-methyl-	24.390	142	7438	0.096	ppbv #	84
81) 1,2,4-Trichlorobenzene	21.146	180	31266	0.246	ppbv #	33

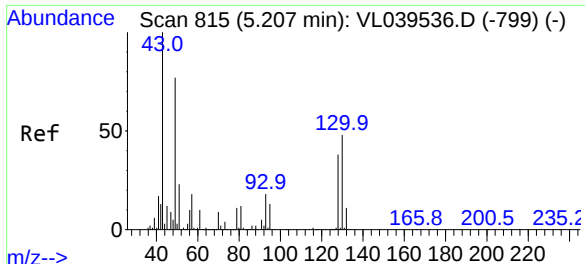
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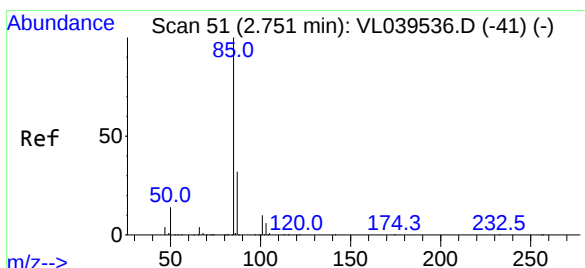
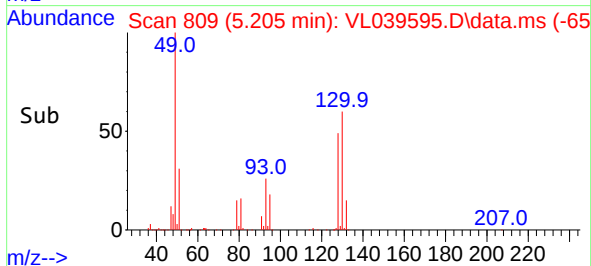
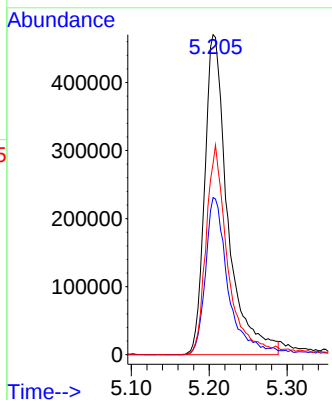
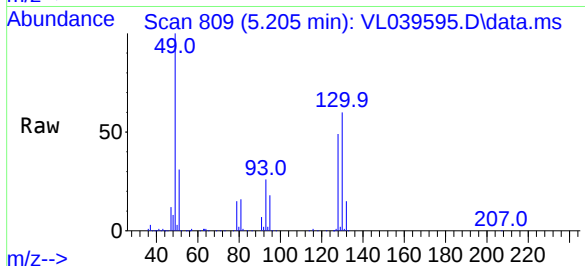




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 815
Delta R.T. -0.002 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

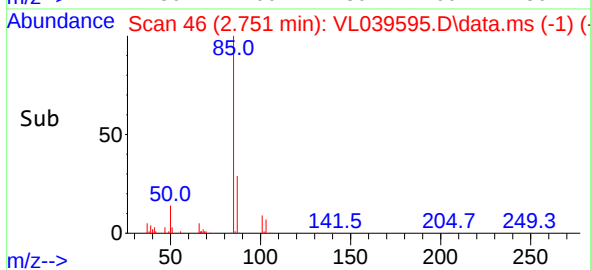
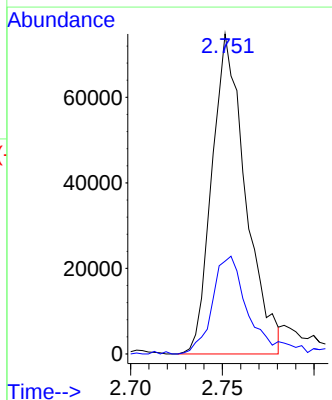
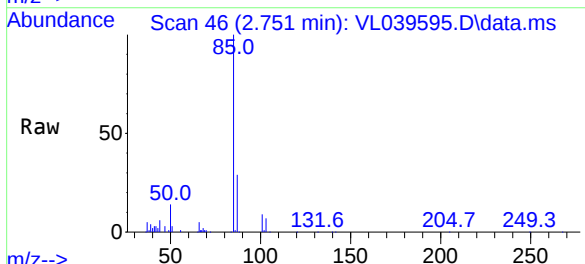
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MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

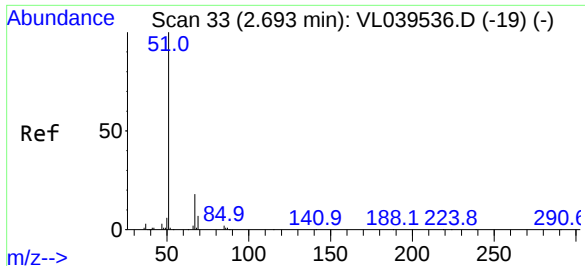
Tgt Ion: 49 Resp: 968476
Ion Ratio Lower Upper
49 100
128 50.9 26.7 80.0
130 64.0 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 0.741 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 85 Resp: 95481
Ion Ratio Lower Upper
85 100
87 29.0 26.7 40.1





#3

Chlorodifluoromethane

Concen: 0.556 ppbv

RT: 2.697 min Scan# 24

Delta R.T. 0.004 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

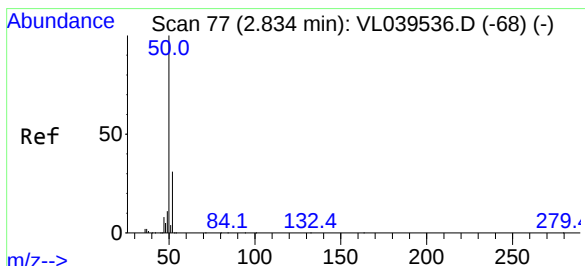
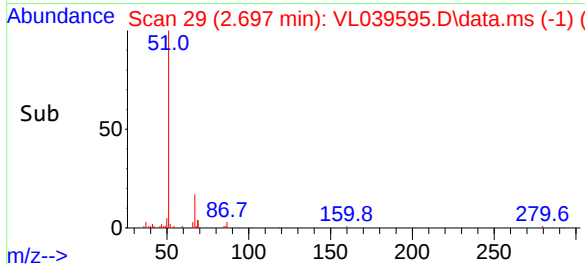
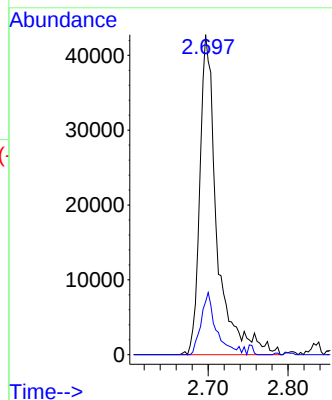
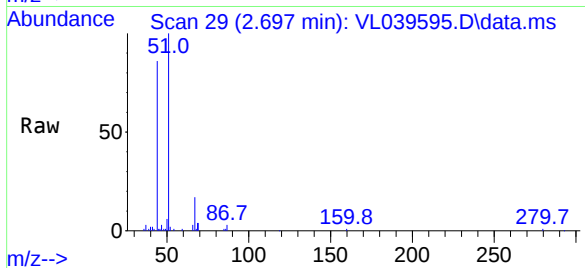
MDL-AIR-03-QT3-2022

Tgt Ion: 51 Resp: 64117

Ion Ratio Lower Upper

51 100

67 17.1 15.7 23.5



#4

Chloromethane

Concen: 0.485 ppbv

RT: 2.835 min Scan# 72

Delta R.T. 0.001 min

Lab File: VL039595.D

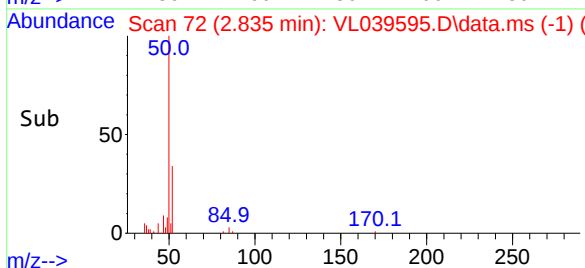
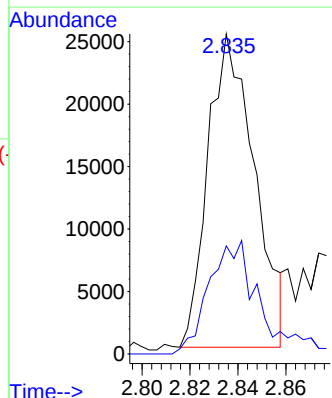
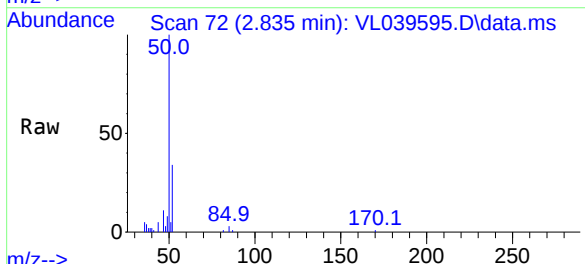
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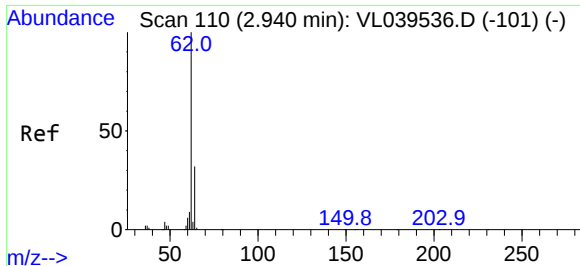
Tgt Ion: 50 Resp: 33674

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7

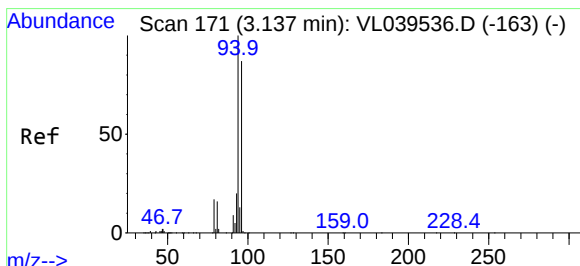
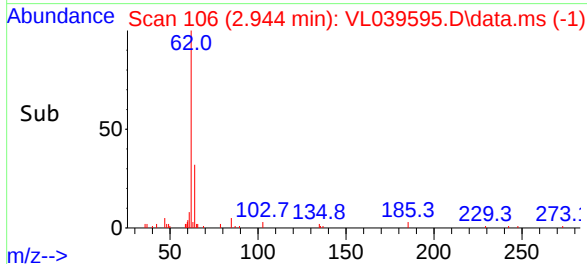
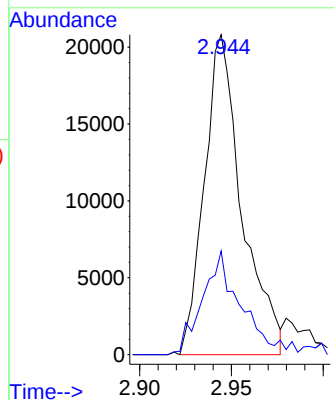
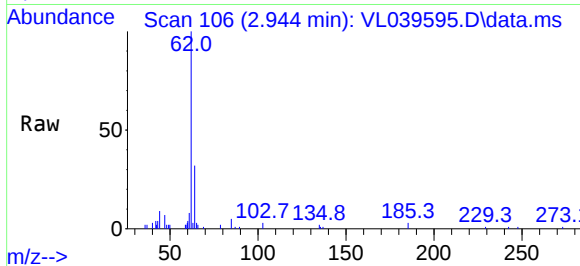




#5
 Vinyl Chloride
 Concen: 0.527 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.004 min
 Lab File: VL039595.D
 Acq: 26 Aug 2022 9:03

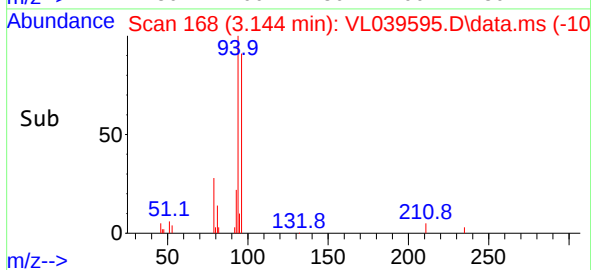
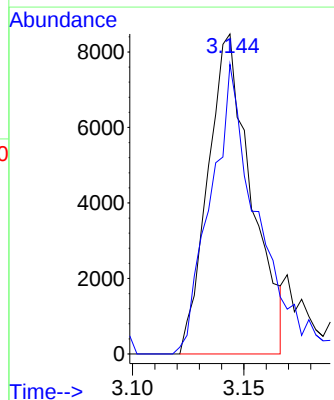
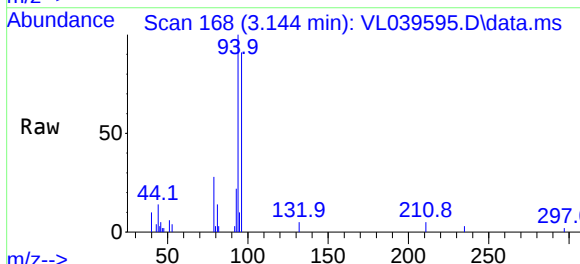
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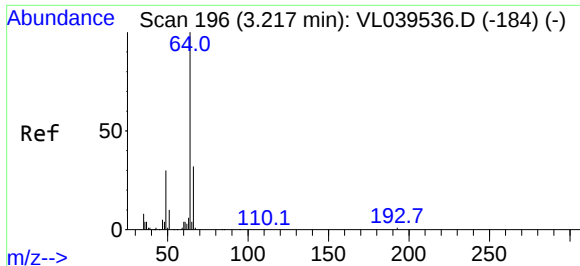
Tgt Ion: 62 Resp: 29534
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.6 36.8



#6
 Bromomethane
 Concen: 0.483 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039595.D
 Acq: 26 Aug 2022 9:03

Tgt Ion: 94 Resp: 11492
 Ion Ratio Lower Upper
 94 100
 96 80.2 75.6 113.4

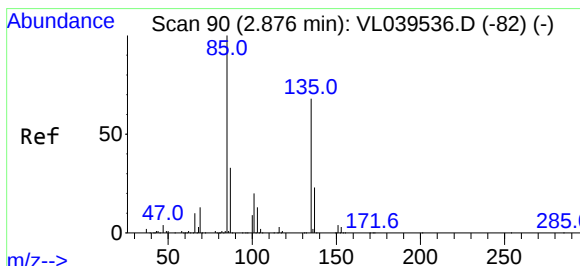
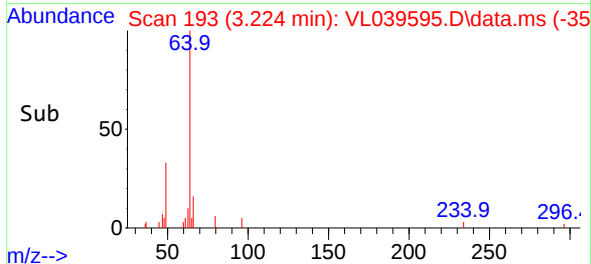
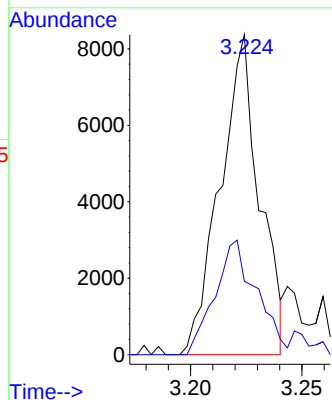
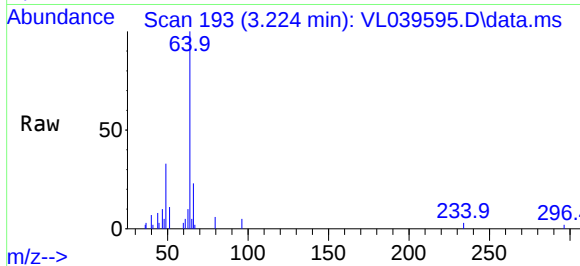




#7
Chloroethane
Concen: 0.488 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

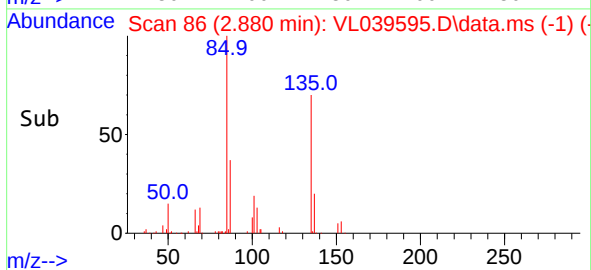
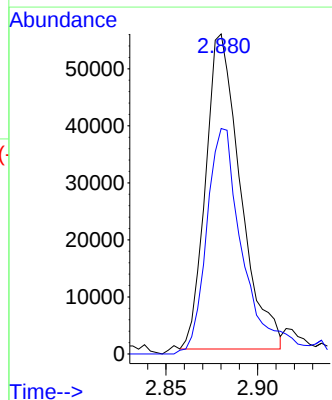
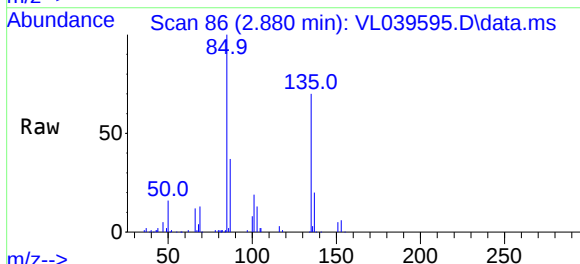
Instrument : MSVOA_L
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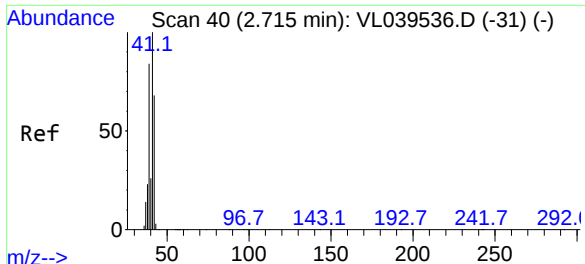
Tgt Ion: 64 Resp: 10261
Ion Ratio Lower Upper
64 100
66 22.9 24.7 37.1#



#8
Dichlorotetrafluoroethane
Concen: 0.531 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 85 Resp: 73184
Ion Ratio Lower Upper
85 100
135 77.4 59.0 88.4





#9

Propene

Concen: 0.556 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.004 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

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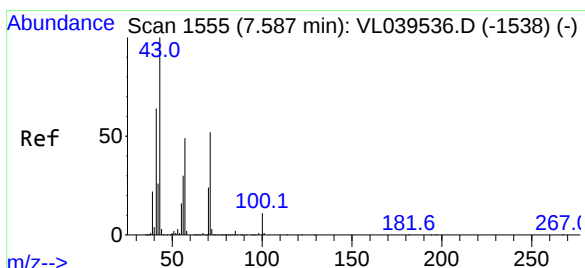
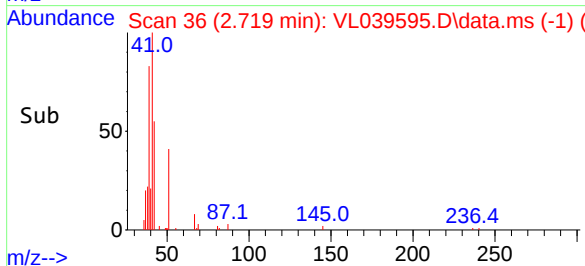
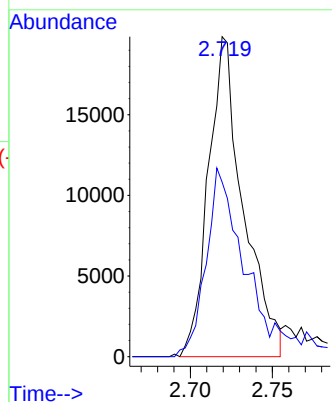
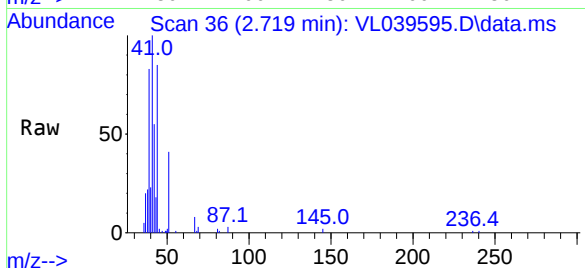
MDL-AIR-03-QT3-2022

Tgt Ion: 41 Resp: 29333

Ion Ratio Lower Upper

41 100

42 70.0 55.2 82.8



#10

Heptane

Concen: 0.406 ppbv

RT: 7.591 min Scan# 1551

Delta R.T. 0.004 min

Lab File: VL039595.D

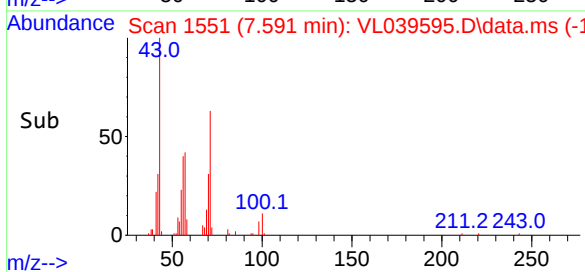
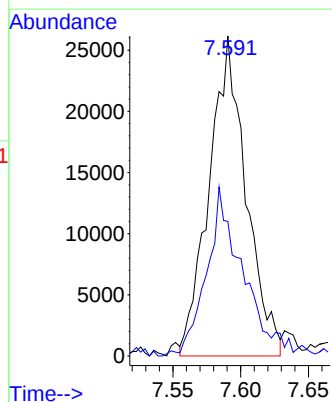
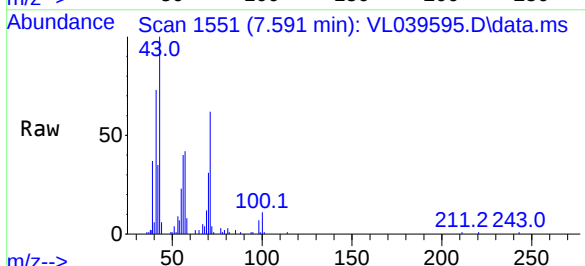
Acq: 26 Aug 2022 9:03

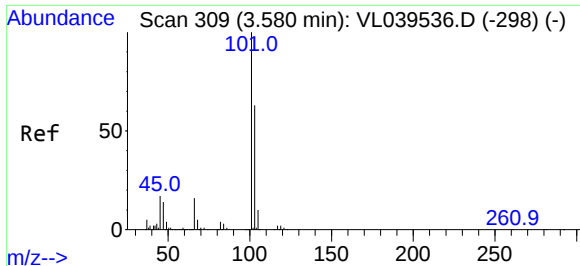
Tgt Ion: 43 Resp: 49632

Ion Ratio Lower Upper

43 100

57 53.3 40.5 60.7





#11

Trichlorofluoromethane

Concen: 0.551 ppbv

RT: 3.584 min Scan# 309

Delta R.T. 0.004 min

Lab File: VL039595.D

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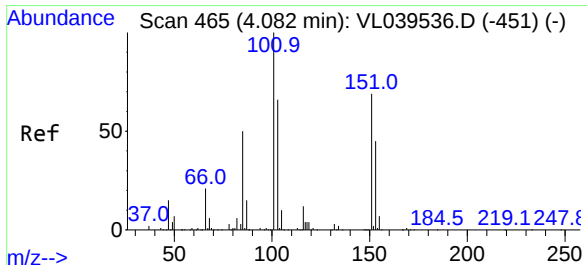
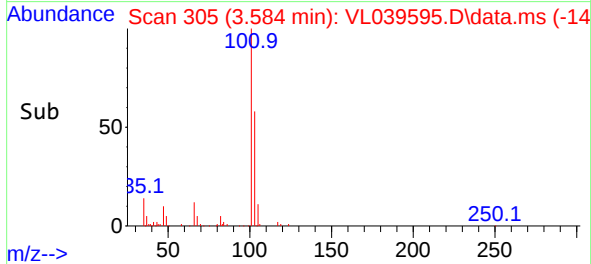
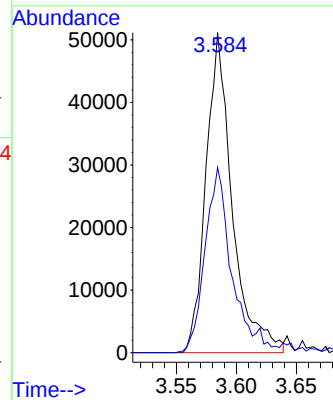
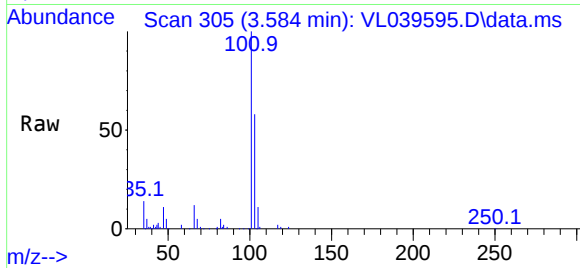
MDL-AIR-03-QT3-2022

Tgt Ion:101 Resp: 77916

Ion Ratio Lower Upper

101 100

103 57.3 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.298 ppbv

RT: 4.086 min Scan# 461

Delta R.T. 0.004 min

Lab File: VL039595.D

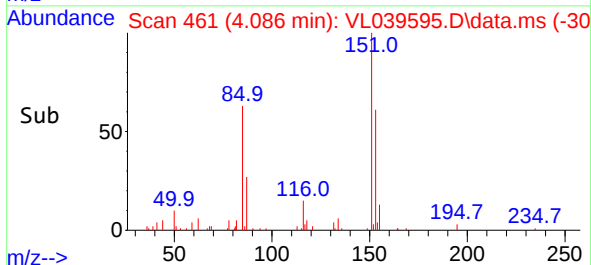
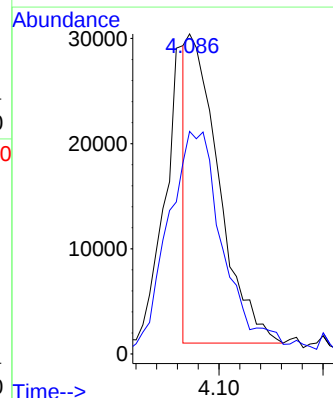
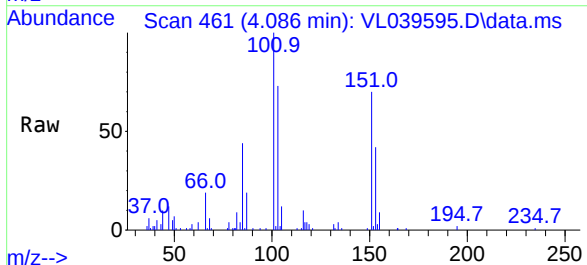
Acq: 26 Aug 2022 9:03

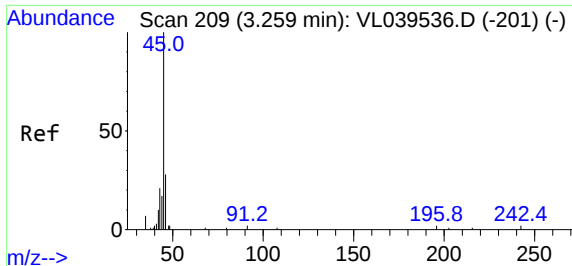
Tgt Ion:101 Resp: 31160

Ion Ratio Lower Upper

101 100

151 128.9 58.9 88.3#





#13

Ethanol

Concen: 0.166 ppbv

RT: 3.266 min Scan# 206

Delta R.T. 0.007 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

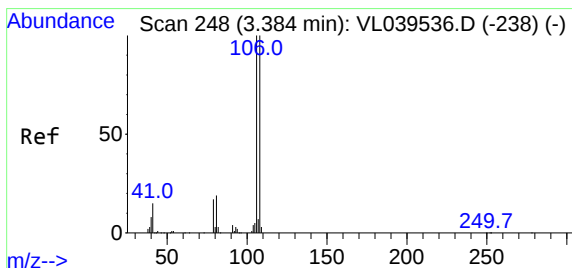
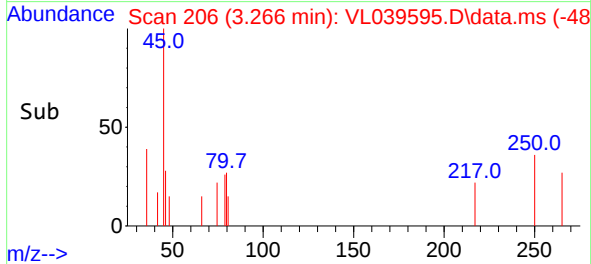
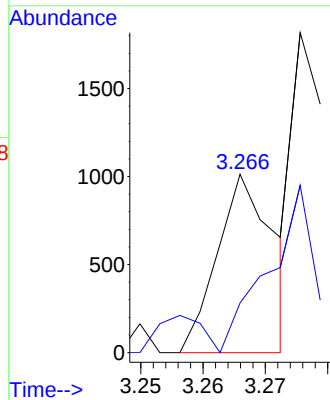
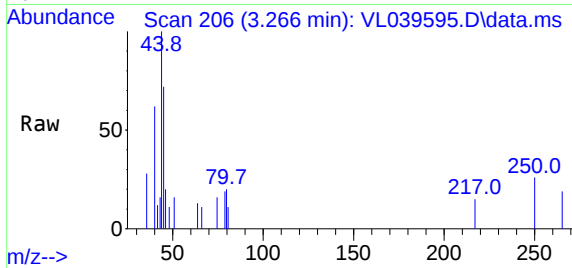
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 631

Ion Ratio Lower Upper

45 100

46 14.7 22.8 91.2#



#14

Bromoethene

Concen: 0.265 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.004 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

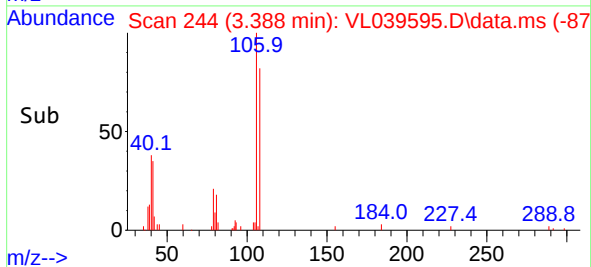
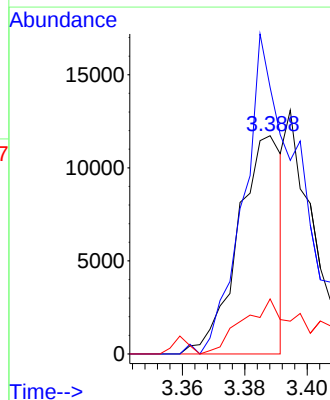
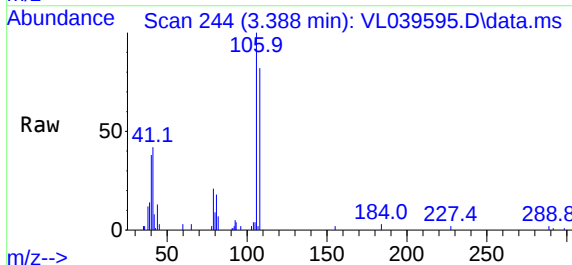
Tgt Ion: 108 Resp: 11343

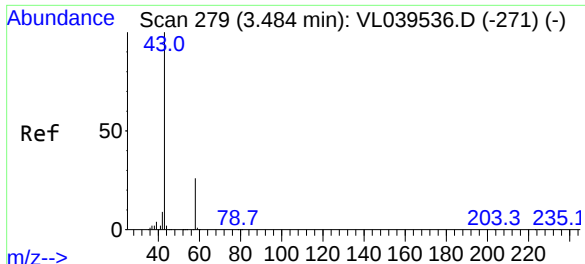
Ion Ratio Lower Upper

108 100

106 217.7 87.1 130.7#

79 45.3 14.6 22.0#

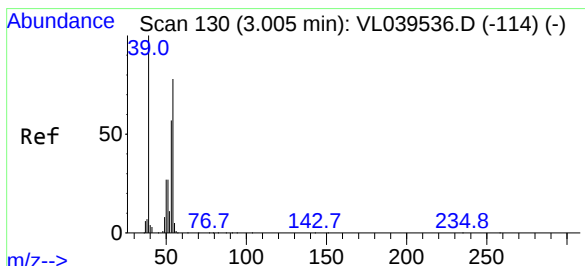
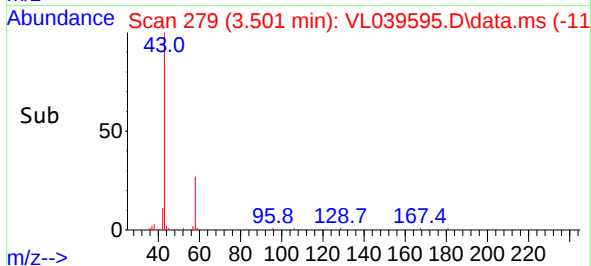
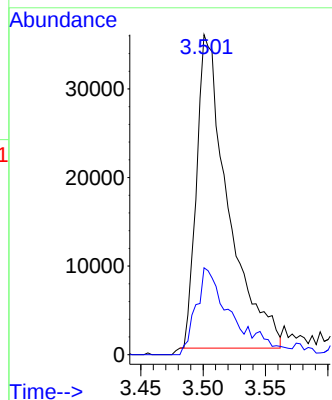
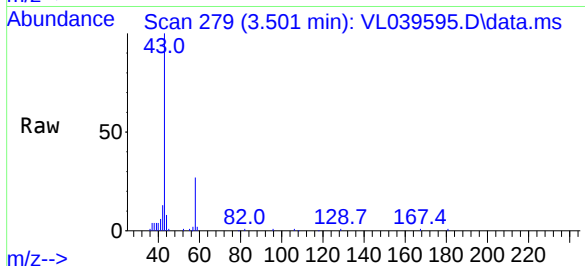




#15
Acetone
Concen: 0.571 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.017 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

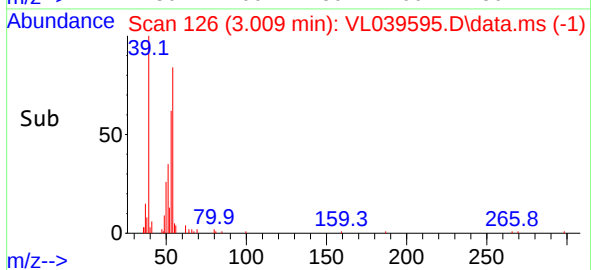
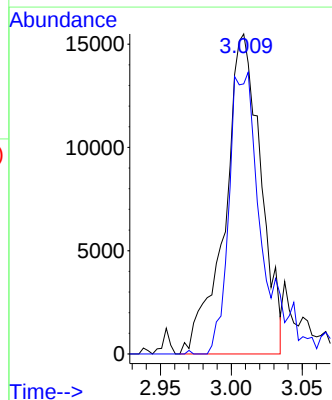
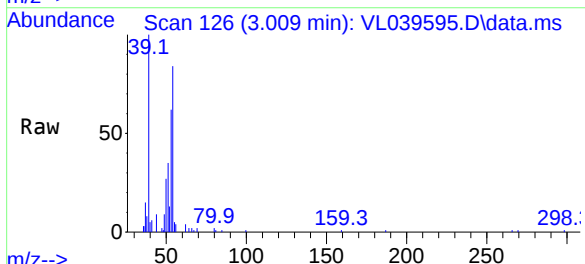
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

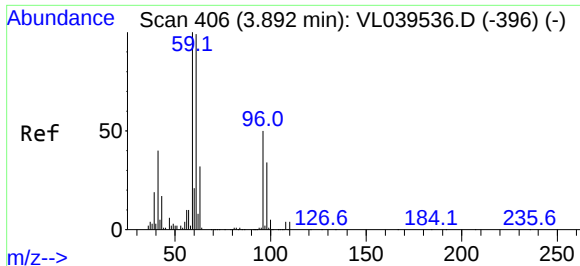
Tgt Ion: 43 Resp: 61896
Ion Ratio Lower Upper
43 100
58 33.5 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.484 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 39 Resp: 27384
Ion Ratio Lower Upper
39 100
54 84.4 63.7 95.5

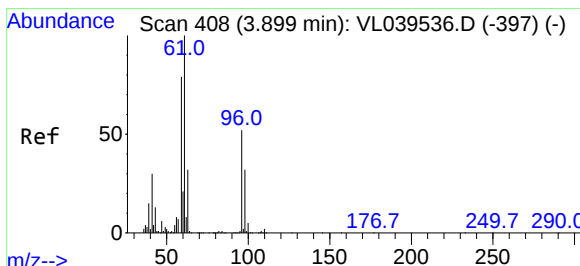
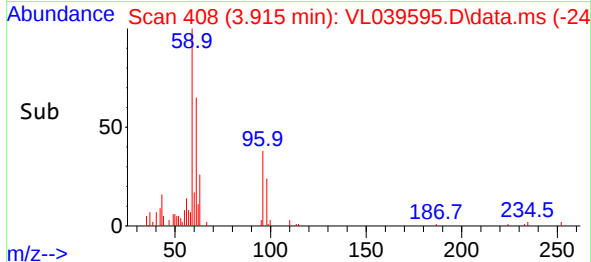
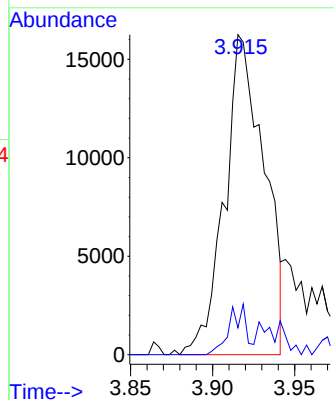
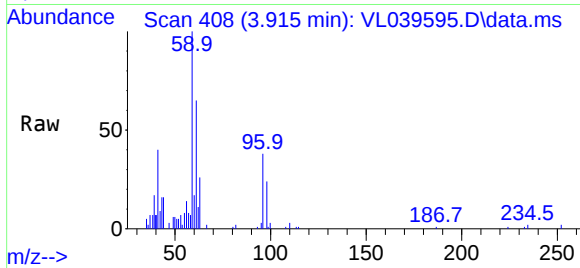




#17
tert-Butyl alcohol
Concen: 0.294 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.023 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

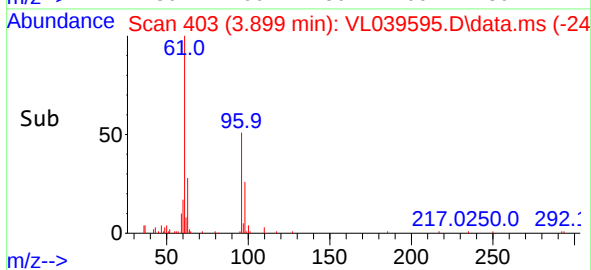
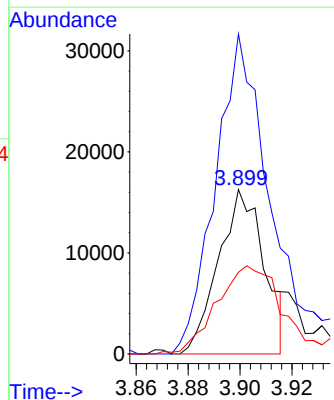
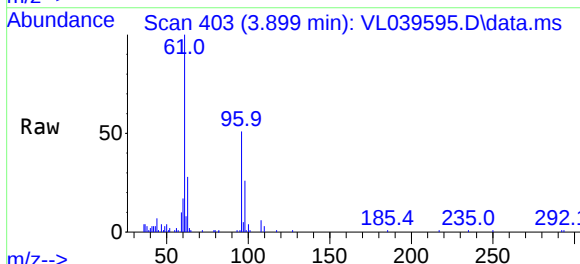
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

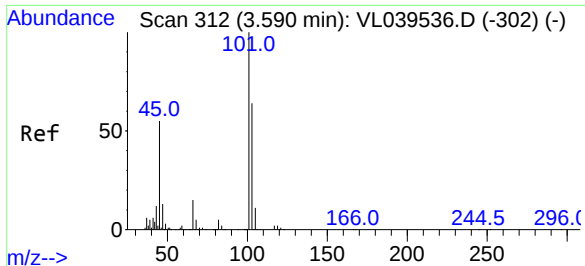
Tgt Ion: 59 Resp: 27198
Ion Ratio Lower Upper
59 100
57 12.9 8.7 13.1



#18
1,1-Dichloroethene
Concen: 0.422 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 96 Resp: 19897
Ion Ratio Lower Upper
96 100
61 188.0 152.2 228.4
98 48.1 51.8 77.6#

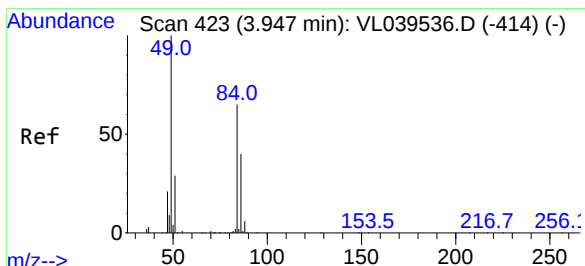
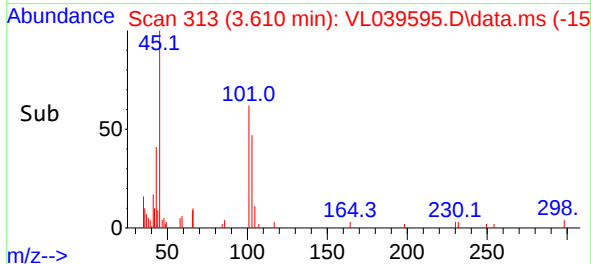
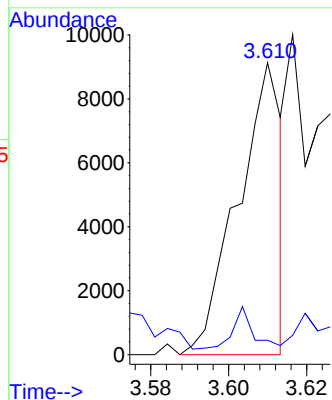
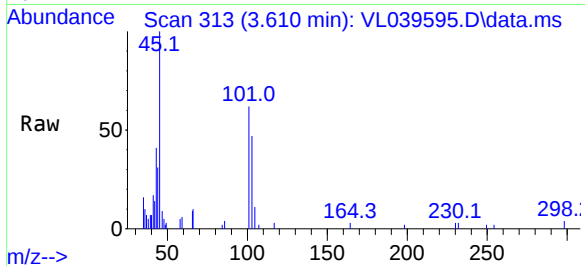




#19
Isopropyl Alcohol
Concen: 0.135 ppbv
RT: 3.610 min Scan# 312
Delta R.T. 0.020 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

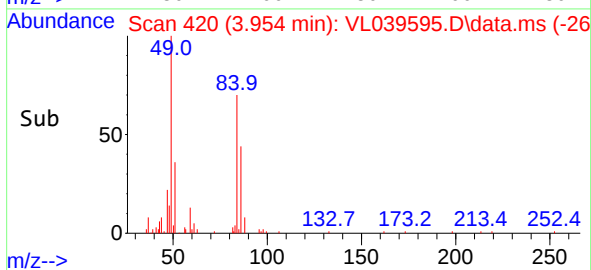
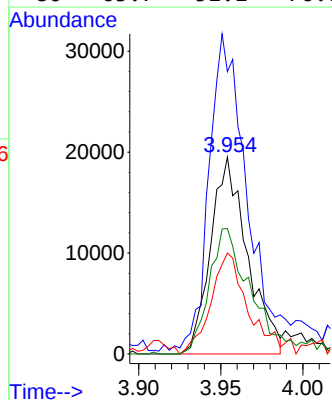
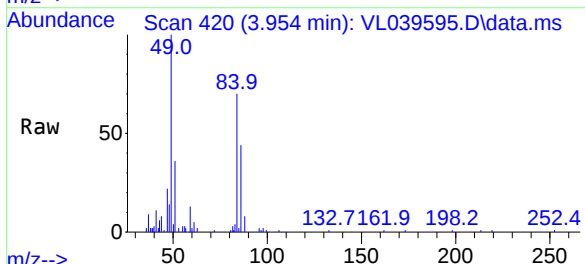
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

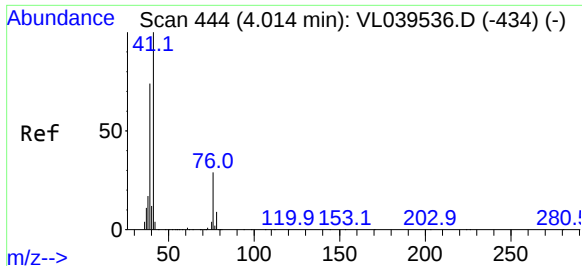
Tgt Ion: 45 Resp: 7109
Ion Ratio Lower Upper
45 100
58 22.9 3.2 4.8#



#20
Methylene Chloride
Concen: 0.690 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 84 Resp: 30428
Ion Ratio Lower Upper
84 100
49 140.3 123.1 184.7
51 51.3 34.4 51.6
86 63.7 51.1 76.7

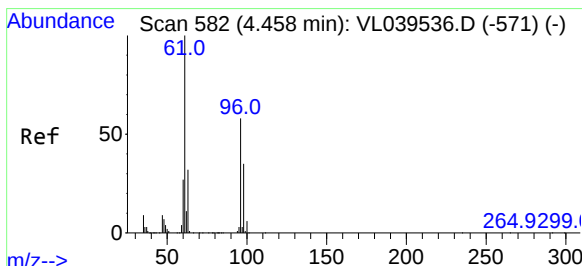
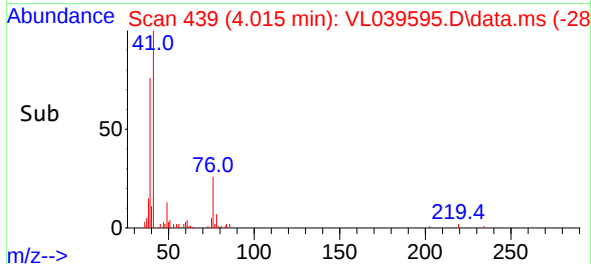
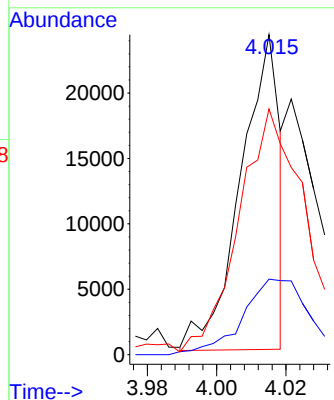
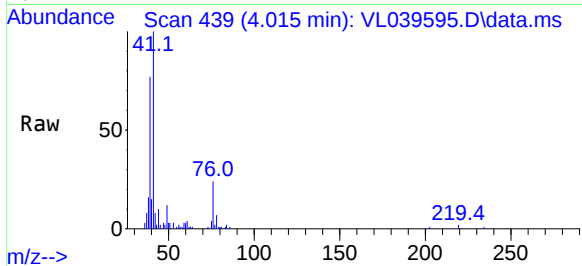




#21
Allyl Chloride
Concen: 0.270 ppbv
RT: 4.015 min Scan# 41
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

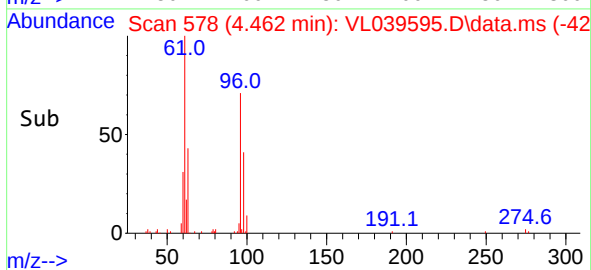
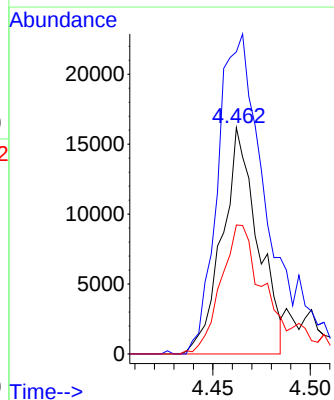
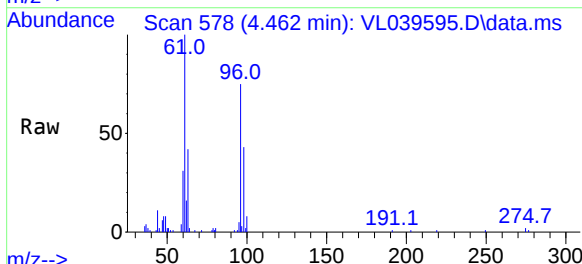
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

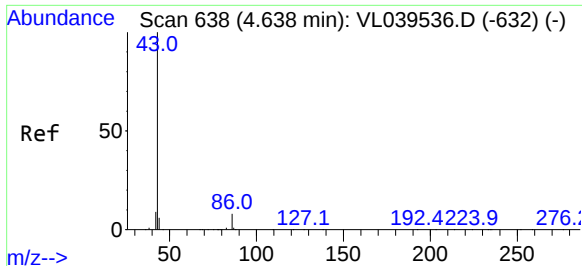
Tgt Ion: 41 Resp: 19044
Ion Ratio Lower Upper
41 100
76 45.9 24.4 36.6#
39 152.3 63.5 95.3#



#22
trans-1,2-Dichloroethene
Concen: 0.439 ppbv
RT: 4.462 min Scan# 578
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 96 Resp: 20593
Ion Ratio Lower Upper
96 100
61 128.8 130.6 195.8#
98 55.0 53.4 80.0



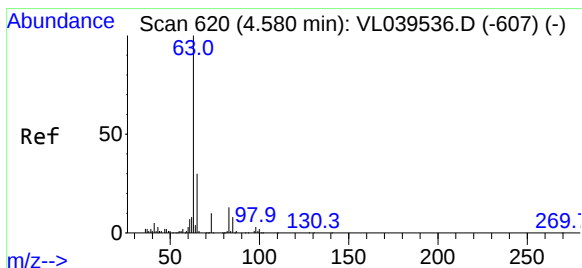
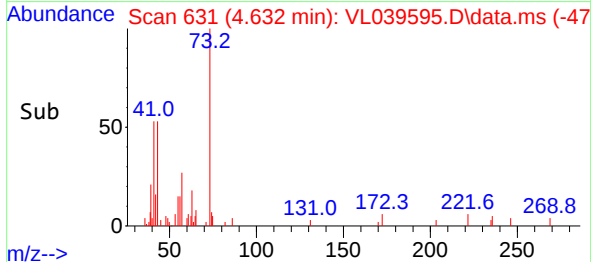
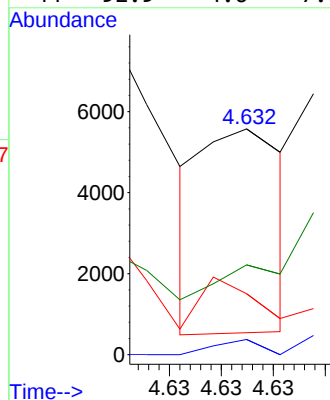
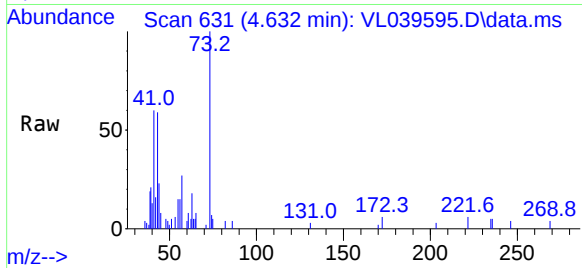


#23
 Vinyl Acetate
 Concen: 0.053 ppbv
 RT: 4.632 min Scan# 614
 Delta R.T. -0.006 min
 Lab File: VL039595.D
 Acq: 26 Aug 2022 9:03

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

Tgt Ion: 43 Resp: 2748

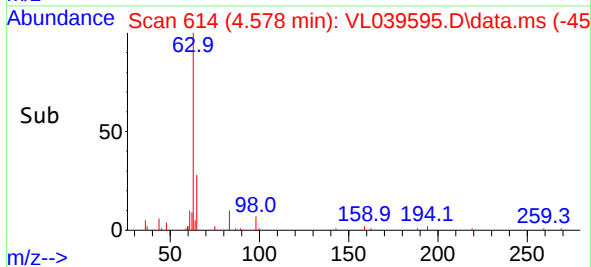
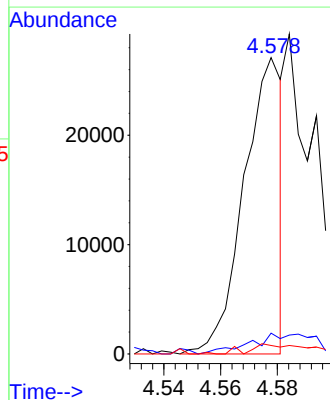
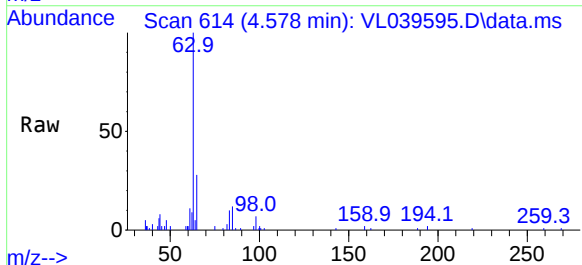
Ion	Ratio	Lower	Upper
43	100		
86	40.6	5.0	7.6#
42	94.2	7.7	11.5#
44	92.9	4.6	7.0#

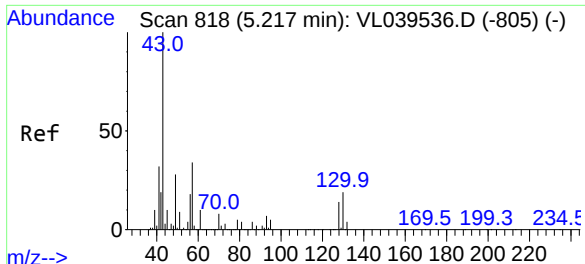


#24
 1,1-Dichloroethane
 Concen: 0.264 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. -0.002 min
 Lab File: VL039595.D
 Acq: 26 Aug 2022 9:03

Tgt Ion: 63 Resp: 25186

Ion	Ratio	Lower	Upper
63	100		
98	5.2	1.8	5.3
100	1.7	1.5	4.4





#25

Ethyl Acetate

Concen: 0.430 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.014 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 43 Resp: 99871

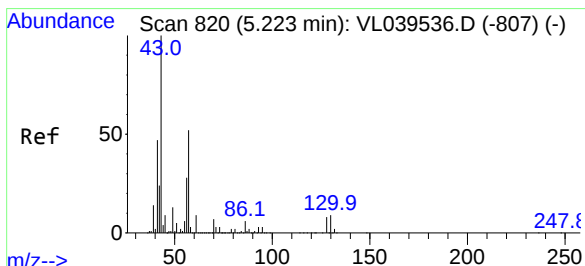
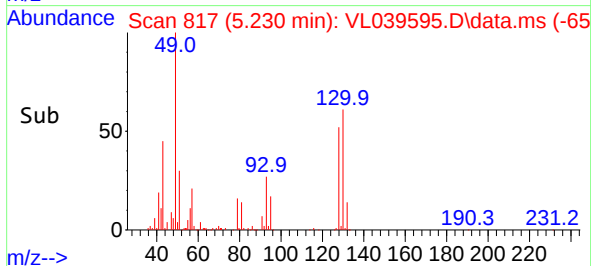
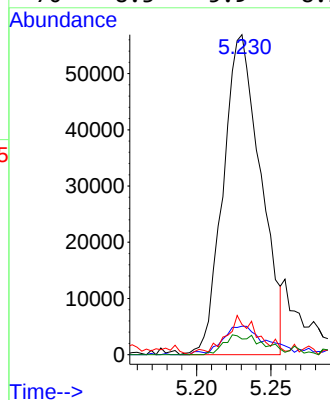
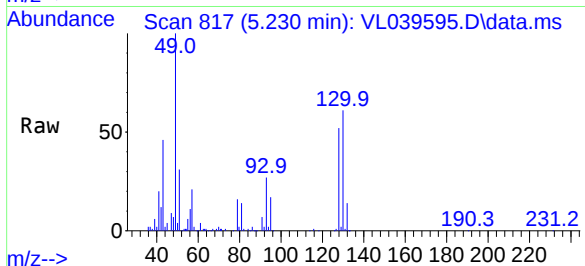
Ion Ratio Lower Upper

43 100

45 11.9 8.2 12.4

61 13.9 8.3 12.5#

70 8.3 5.9 8.9



#26

Hexane

Concen: 0.447 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.007 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Tgt Ion: 57 Resp: 42337

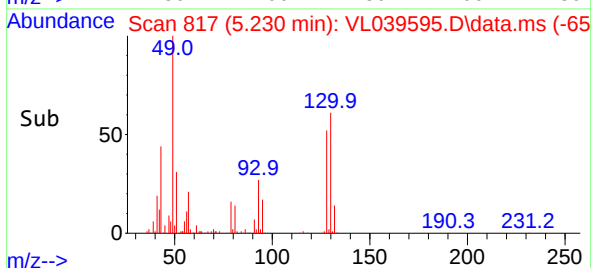
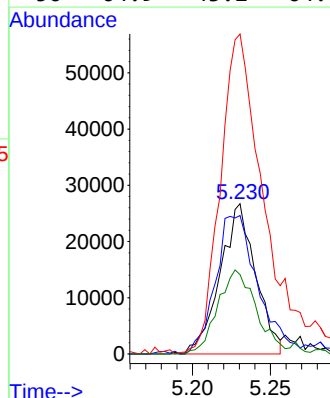
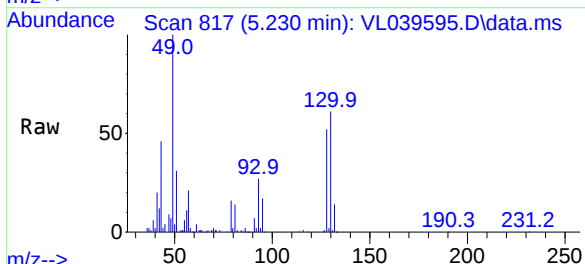
Ion Ratio Lower Upper

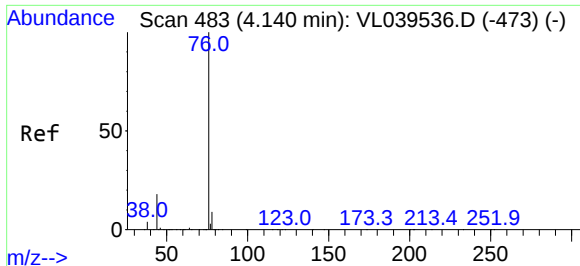
57 100

41 117.2 76.9 115.3#

43 289.5 191.0 286.6#

56 64.9 43.2 64.8#





#27

Carbon Disulfide

Concen: 0.332 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

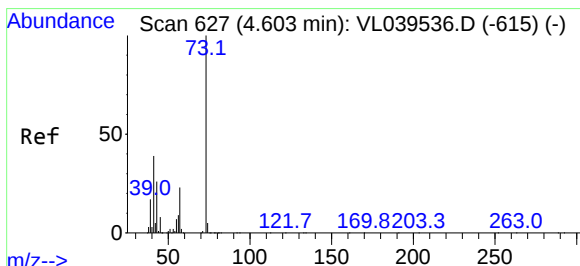
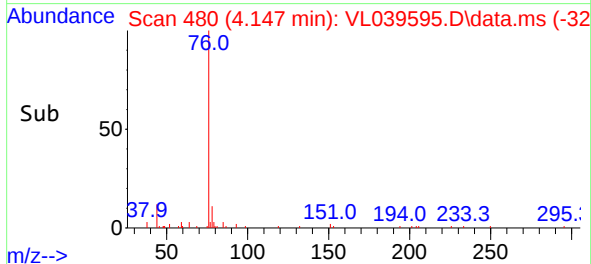
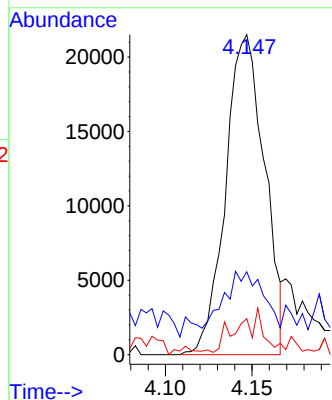
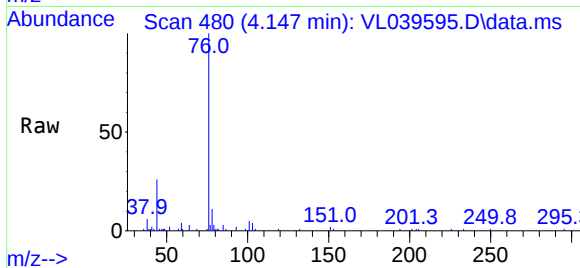
Tgt Ion: 76 Resp: 33643

Ion Ratio Lower Upper

76 100

44 32.5 14.6 21.8#

78 13.1 7.8 11.6#



#28

Methyl tert-Butyl Ether

Concen: 0.458 ppbv

RT: 4.613 min Scan# 625

Delta R.T. 0.010 min

Lab File: VL039595.D

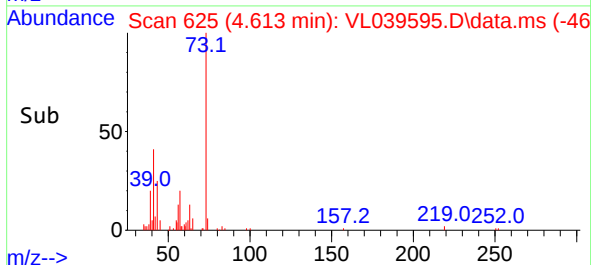
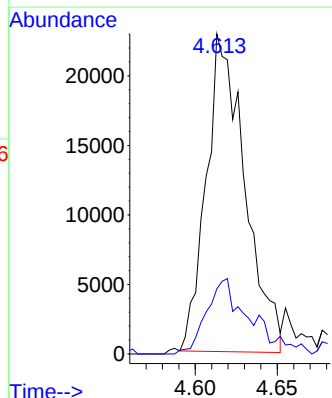
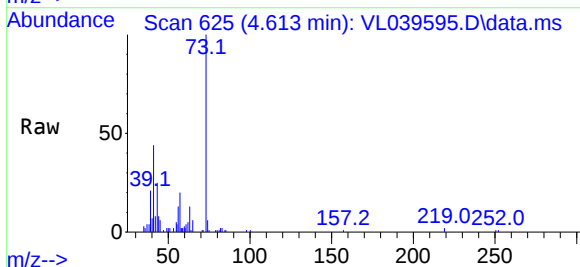
Acq: 26 Aug 2022 9:03

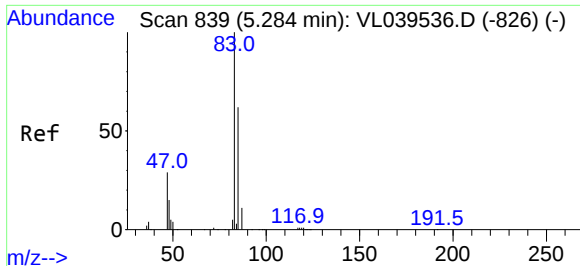
Tgt Ion: 73 Resp: 37437

Ion Ratio Lower Upper

73 100

57 26.5 19.8 29.8





#29

Chloroform

Concen: 0.528 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.001 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

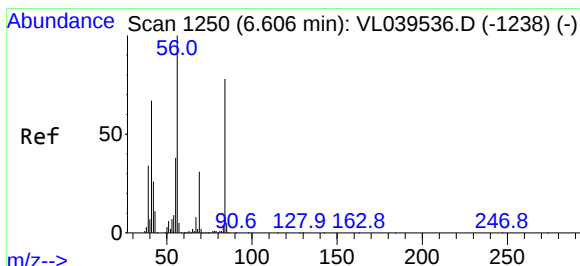
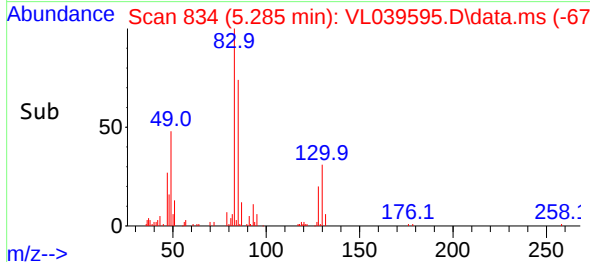
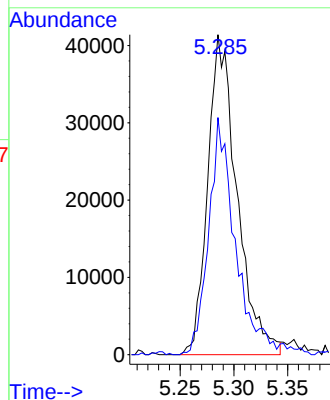
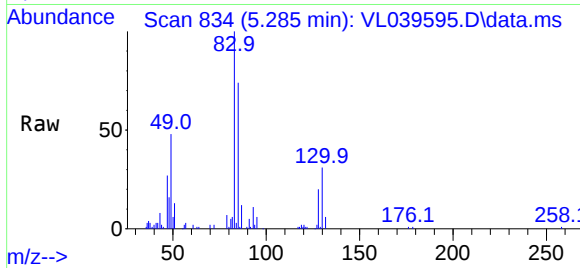
MDL-AIR-03-QT3-2022

Tgt Ion: 83 Resp: 78212

Ion Ratio Lower Upper

83 100

85 74.1 52.8 79.2



#30

Cyclohexane

Concen: 0.137 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.002 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

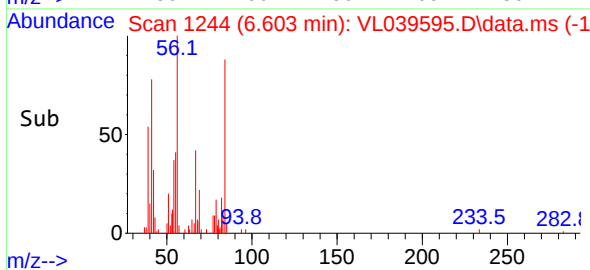
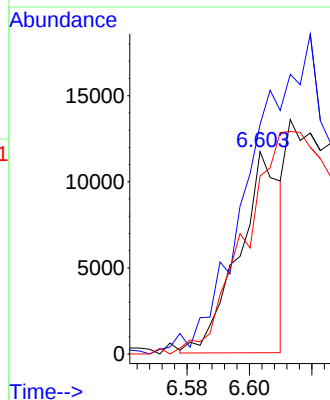
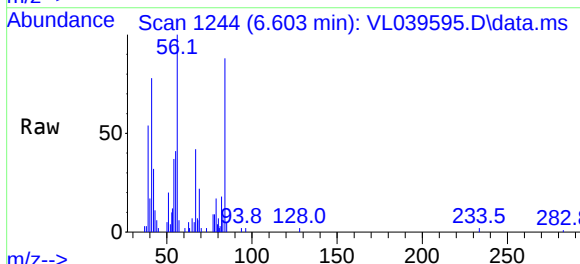
Tgt Ion: 84 Resp: 10732

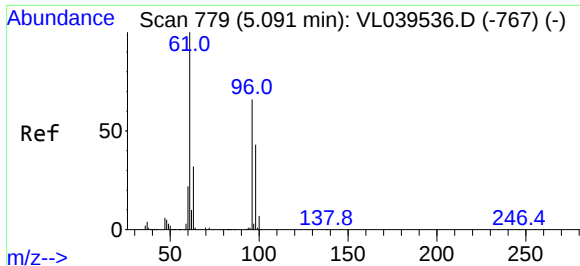
Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

41 0.0 67.7 101.5#



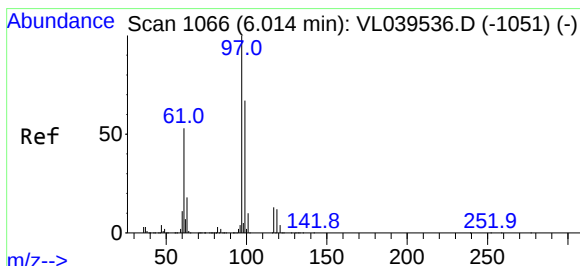
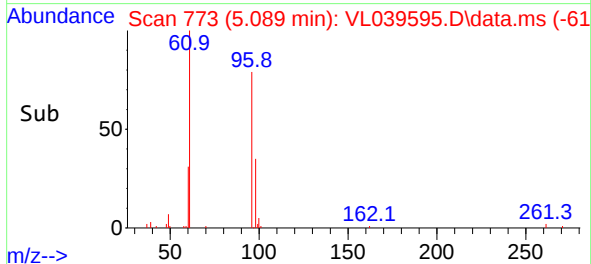
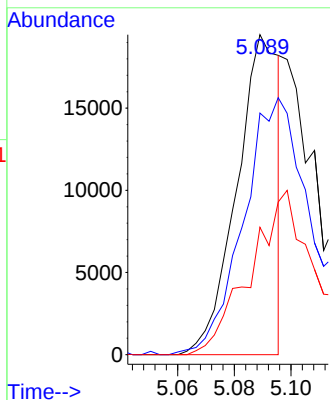
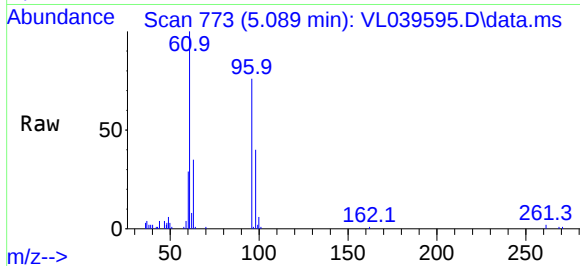


#31
 cis-1,2-Dichloroethene
 Concen: 0.219 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. -0.002 min
 Lab File: VL039595.D
 Acq: 26 Aug 2022 9:03

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

Tgt Ion: 61 Resp: 20127

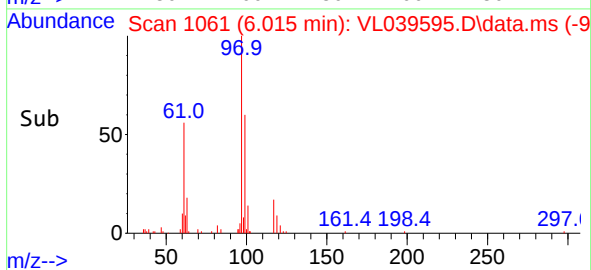
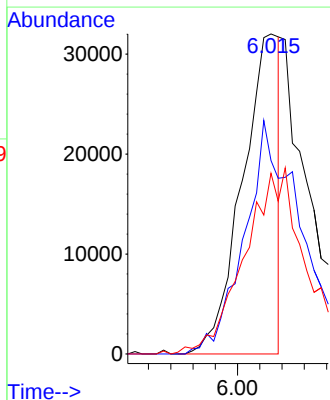
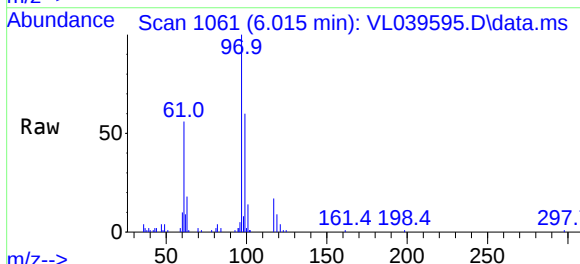
Ion	Ratio	Lower	Upper
61	100		
96	74.7	54.1	81.1
98	39.8	34.6	52.0

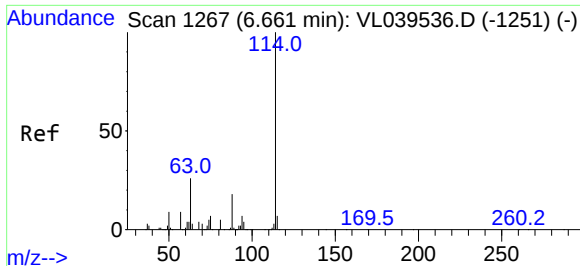


#32
 1,1,1-Trichloroethane
 Concen: 0.285 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.001 min
 Lab File: VL039595.D
 Acq: 26 Aug 2022 9:03

Tgt Ion: 97 Resp: 37150

Ion	Ratio	Lower	Upper
97	100		
99	119.0	52.3	78.5#
61	101.3	40.9	61.3#

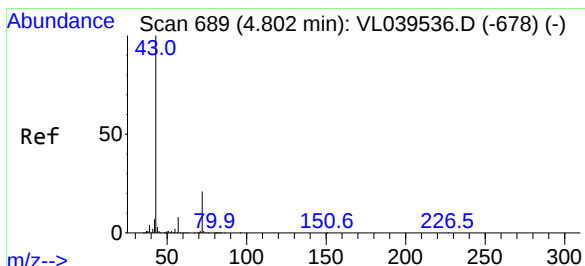
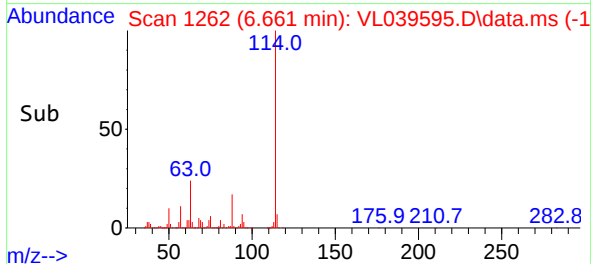
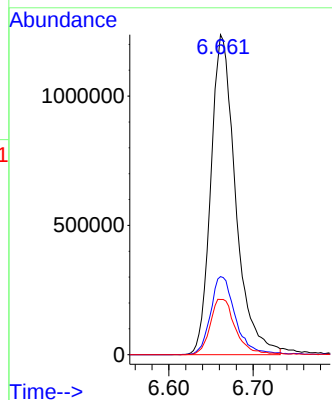
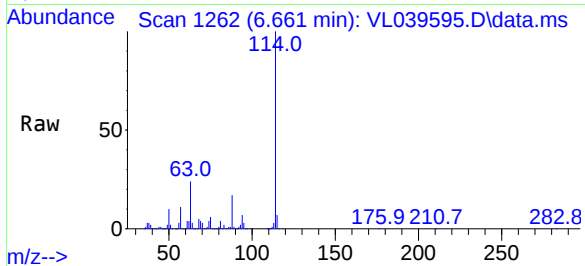




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

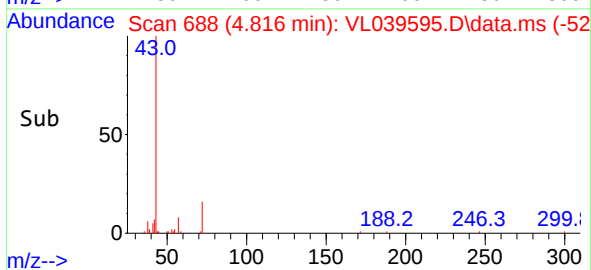
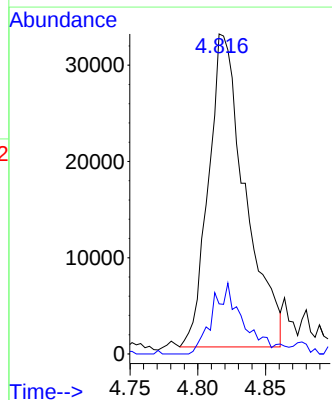
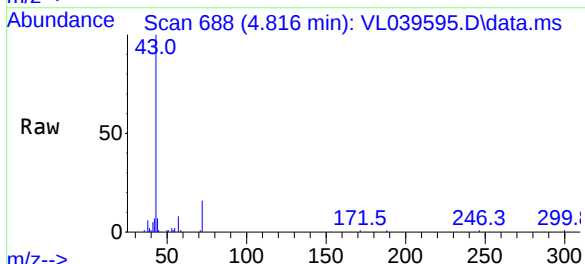
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

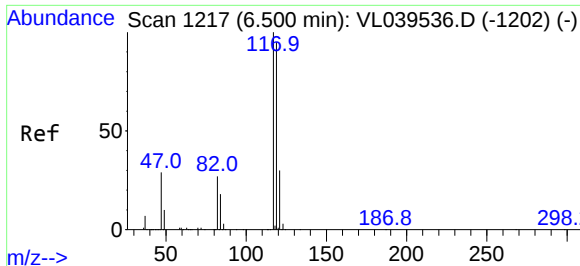
Tgt Ion:114 Resp: 2523438
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.0 14.5 21.7



#34
2-Butanone
Concen: 0.488 ppbv
RT: 4.816 min Scan# 688
Delta R.T. 0.014 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 43 Resp: 61253
Ion Ratio Lower Upper
43 100
72 21.6 17.9 26.9

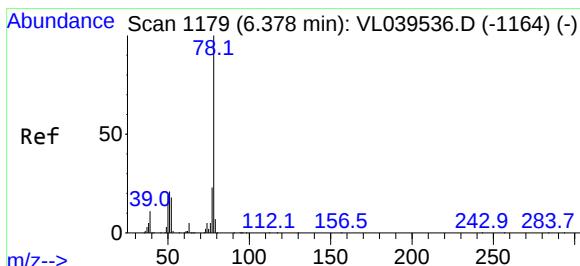
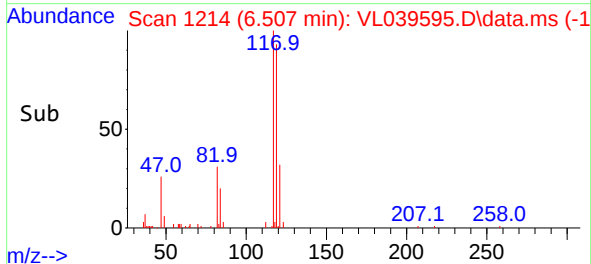
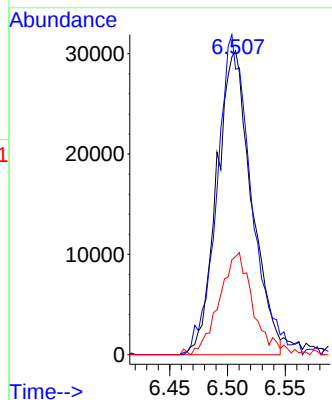
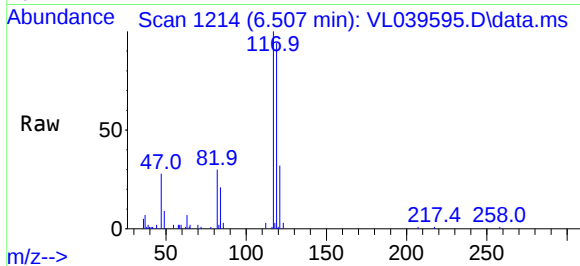




#35
Carbon Tetrachloride
Concen: 0.465 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

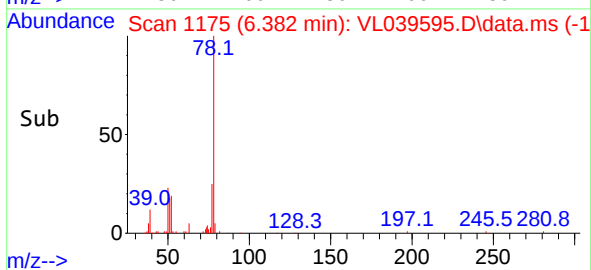
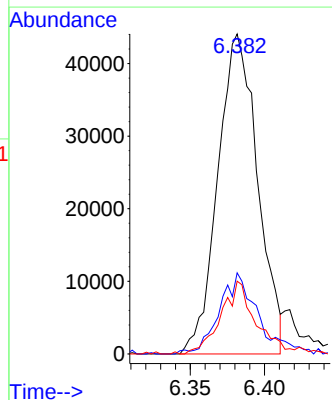
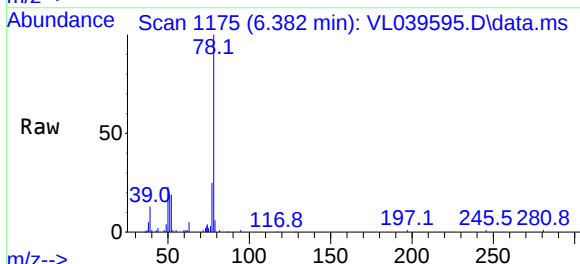
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

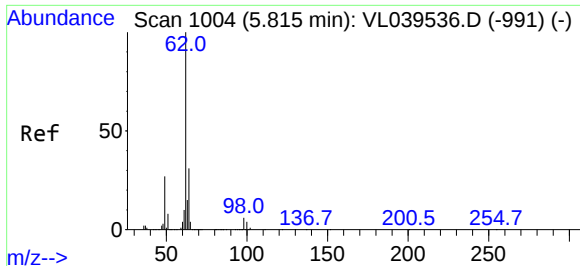
Tgt Ion: 117 Resp: 63379
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.2
121 32.3 24.2 36.2



#36
Benzene
Concen: 0.427 ppbv
RT: 6.382 min Scan# 1175
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 78 Resp: 82202
Ion Ratio Lower Upper
78 100
77 24.4 20.3 30.5
50 22.7 15.5 23.3

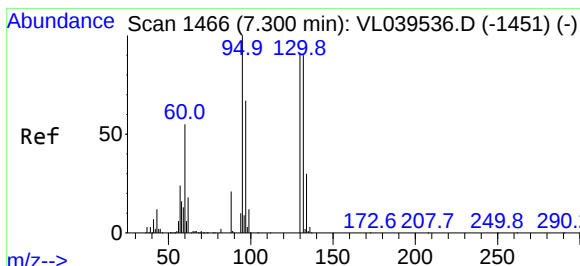
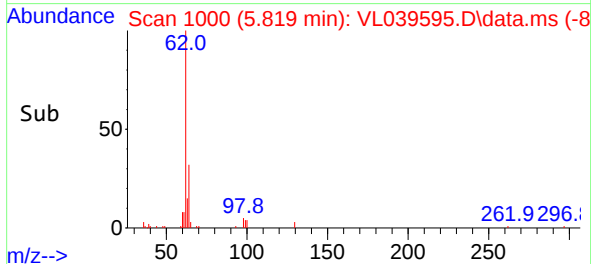
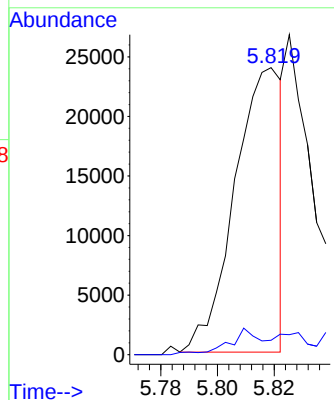
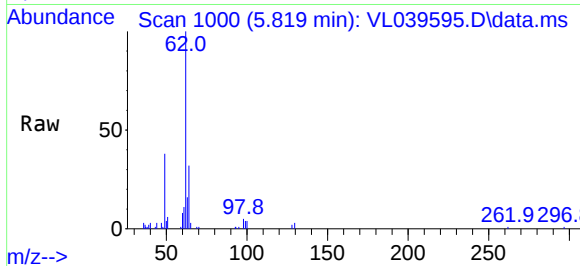




#37
1,2-Dichloroethane
Concen: 0.259 ppbv
RT: 5.819 min Scan# 10
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

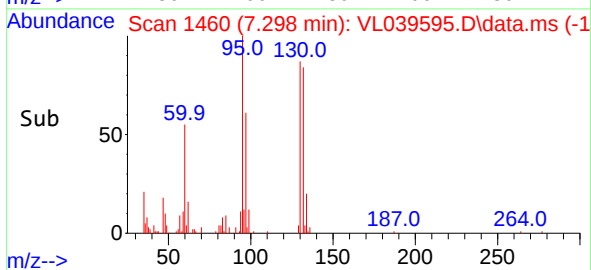
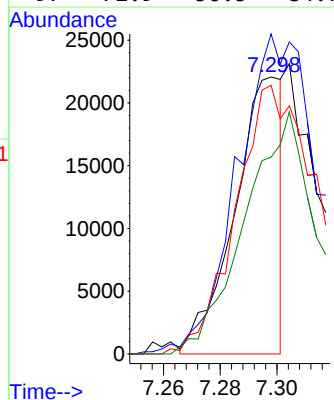
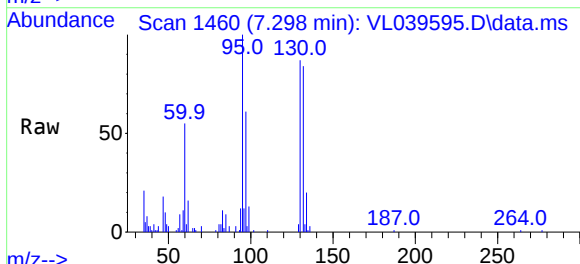
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

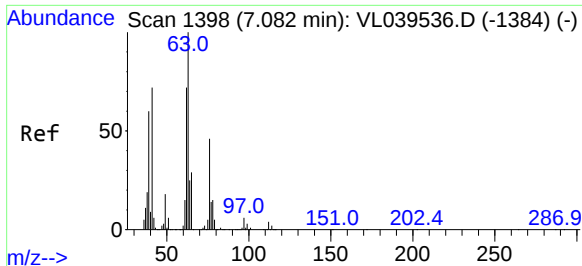
Tgt Ion: 62 Resp: 27464
Ion Ratio Lower Upper
62 100
98 15.7 5.1 7.7#



#38
Trichloroethene
Concen: 0.249 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.002 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 130 Resp: 25695
Ion Ratio Lower Upper
130 100
95 115.0 87.3 130.9
132 97.4 76.7 115.1
97 72.9 56.5 84.7

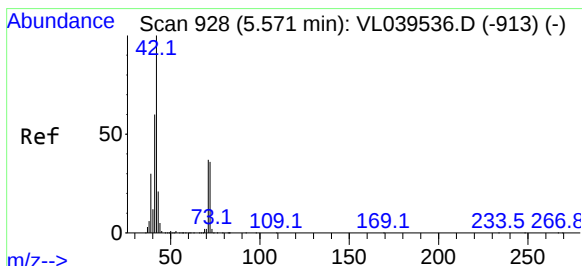
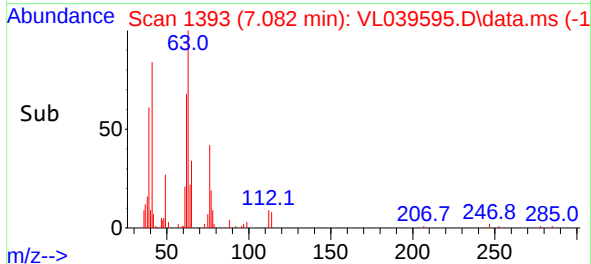
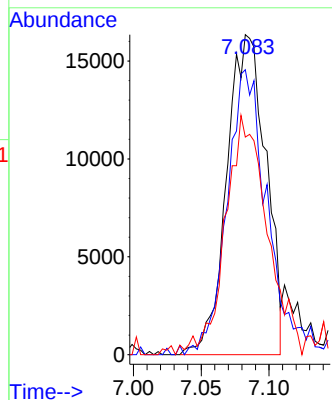
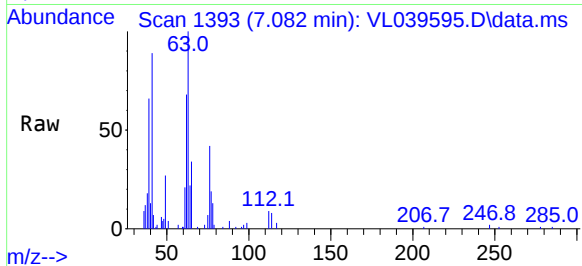




#39
1,2-Dichloropropane
Concen: 0.454 ppbv
RT: 7.082 min Scan# 11
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

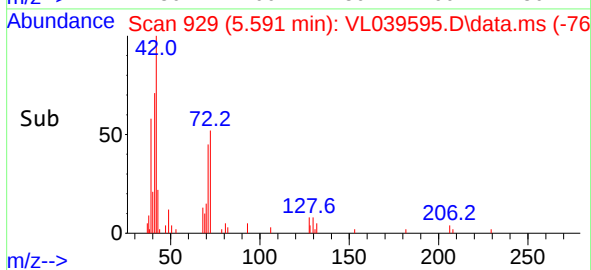
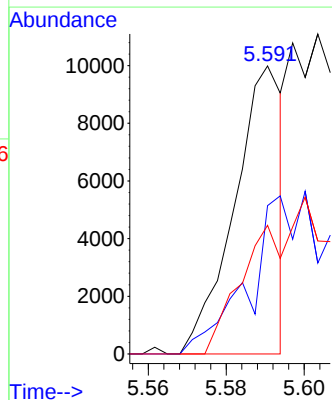
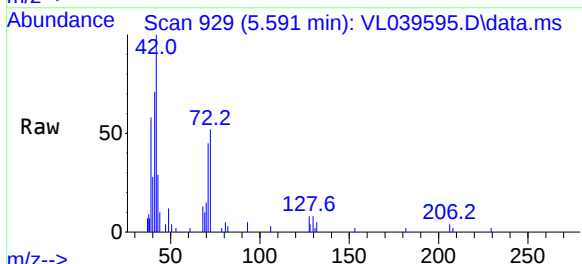
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

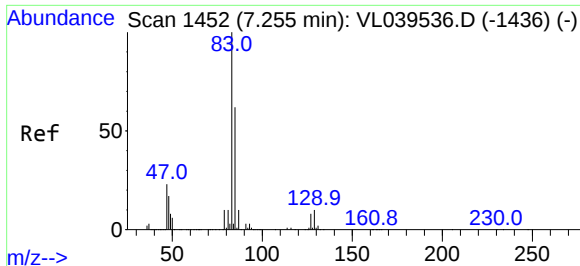
Tgt Ion: 63 Resp: 32800
Ion Ratio Lower Upper
63 100
41 92.8 59.6 89.4#
62 65.0 51.4 77.0



#41
Tetrahydrofuran
Concen: 0.114 ppbv
RT: 5.591 min Scan# 929
Delta R.T. 0.020 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 42 Resp: 8534
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8#
71 0.0 31.8 47.8#





#42

Bromodichloromethane

Concen: 0.463 ppbv

RT: 7.256 min Scan# 1452

Delta R.T. 0.001 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

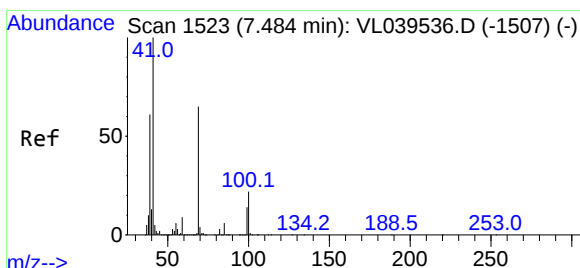
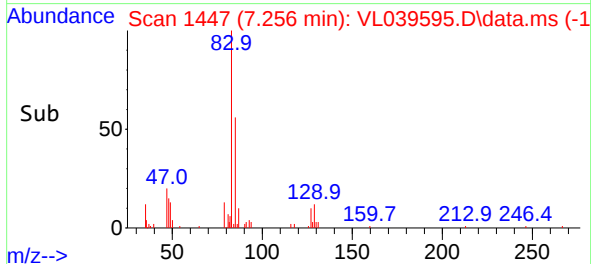
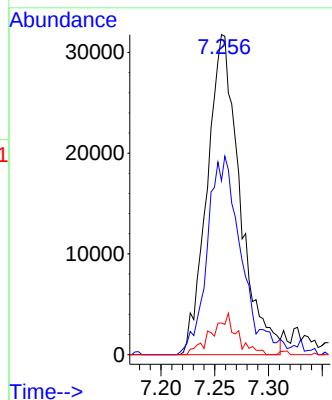
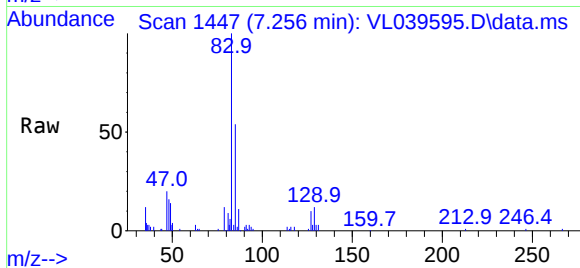
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

Tgt Ion: 83	Resp: 67182
Ion Ratio	Lower Upper
83	100
85	53.6 50.7 76.1
127	9.9 6.6 9.8#



#43

Methyl Methacrylate

Concen: 0.170 ppbv

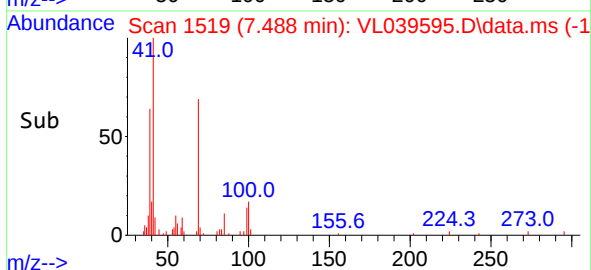
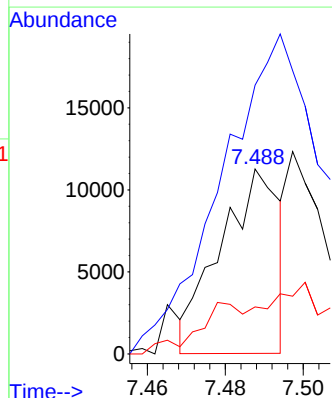
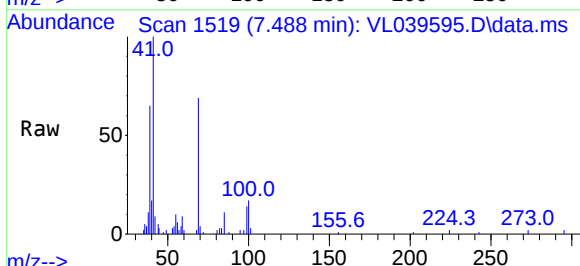
RT: 7.488 min Scan# 1519

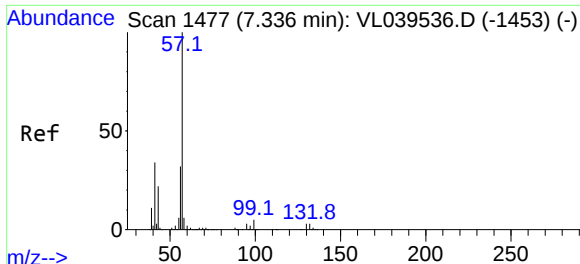
Delta R.T. 0.004 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Tgt Ion: 69	Resp: 11825
Ion Ratio	Lower Upper
69	100
41	0.0 120.8 181.2#
100	0.0 27.8 41.6#





#44

2,2,4-Trimethylpentane

Concen: 0.223 ppbv

RT: 7.343 min Scan# 1477

Delta R.T. 0.007 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

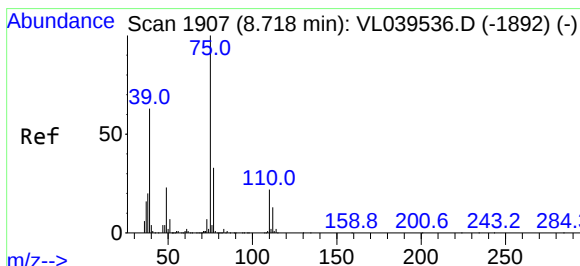
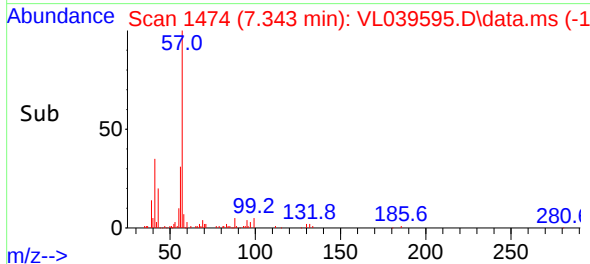
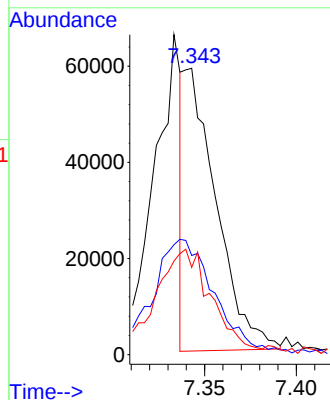
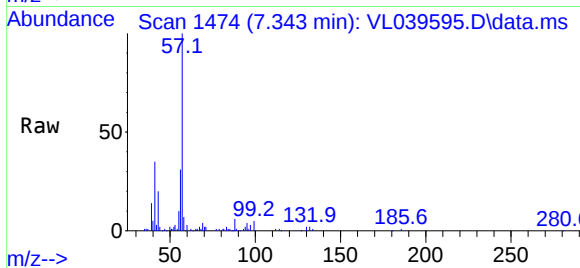
Tgt Ion: 57 Resp: 72405

Ion Ratio Lower Upper

57 100

41 81.6 27.4 41.2#

56 70.3 24.5 36.7#



#45

t-1,3-Dichloropropene

Concen: 0.112 ppbv

RT: 8.729 min Scan# 1905

Delta R.T. 0.010 min

Lab File: VL039595.D

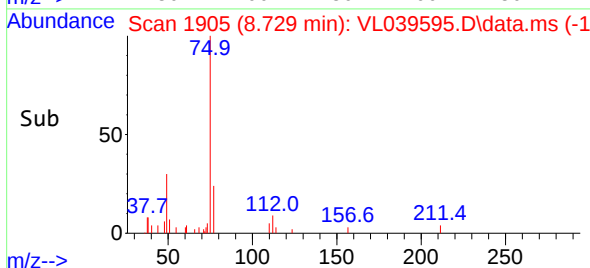
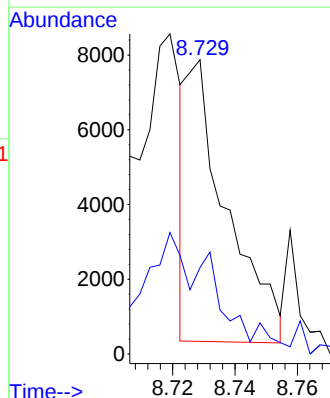
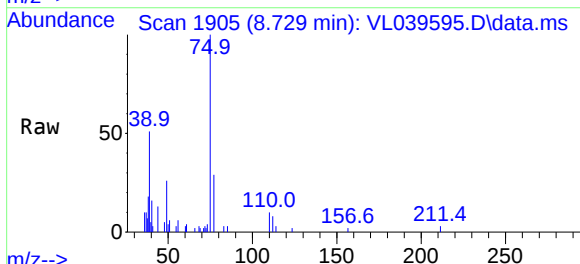
Acq: 26 Aug 2022 9:03

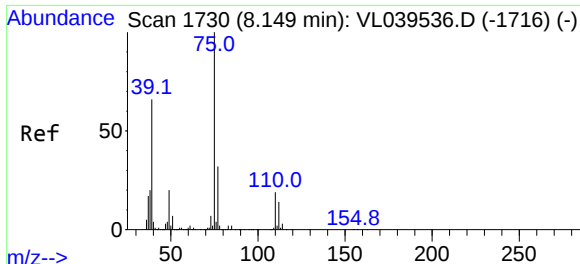
Tgt Ion: 75 Resp: 6745

Ion Ratio Lower Upper

75 100

77 29.4 24.6 36.8





#46

cis-1,3-Dichloropropene

Concen: 0.126 ppbv

RT: 8.156 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

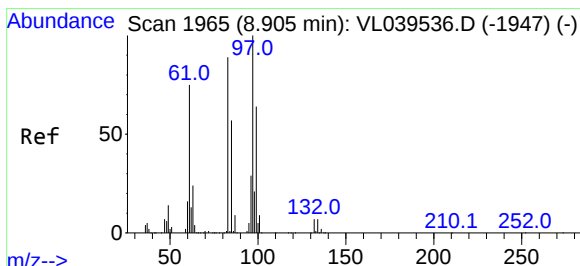
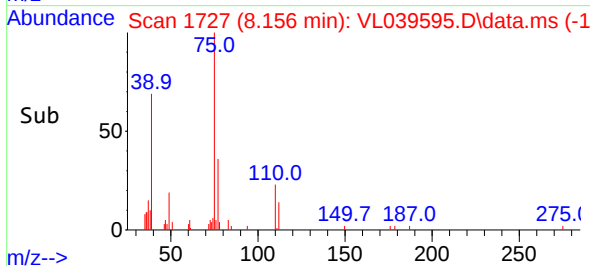
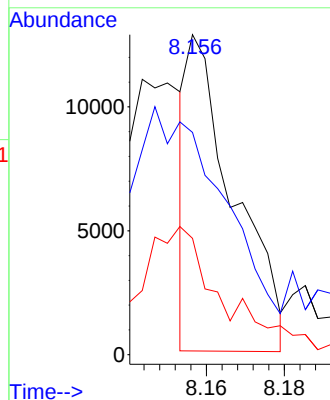
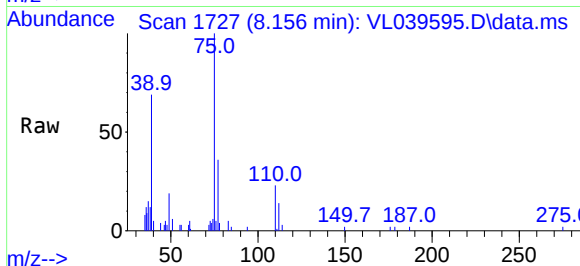
Tgt Ion: 75 Resp: 10542

Ion Ratio Lower Upper

75 100

39 65.1 55.0 82.4

77 31.4 25.7 38.5



#47

1,1,2-Trichloroethane

Concen: 0.402 ppbv

RT: 8.906 min Scan# 1960

Delta R.T. 0.001 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Tgt Ion: 97 Resp: 33203

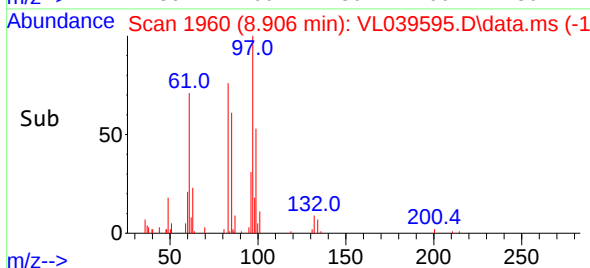
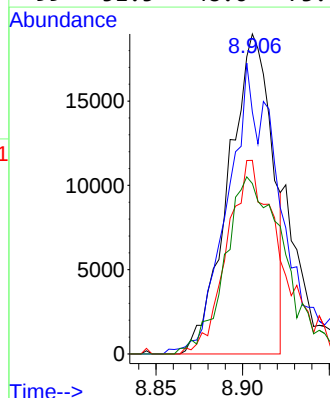
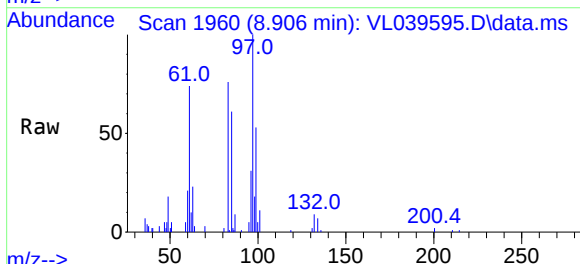
Ion Ratio Lower Upper

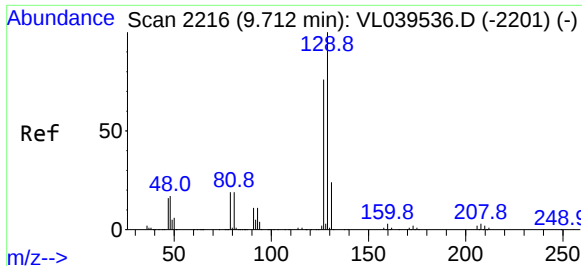
97 100

83 74.0 67.4 101.0

85 60.5 45.1 67.7

99 51.5 48.6 73.0





#48

Dibromochloromethane

Concen: 0.405 ppbv

RT: 9.716 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

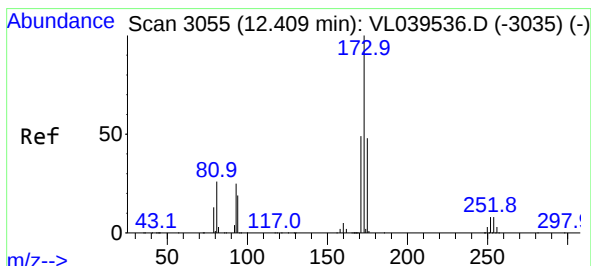
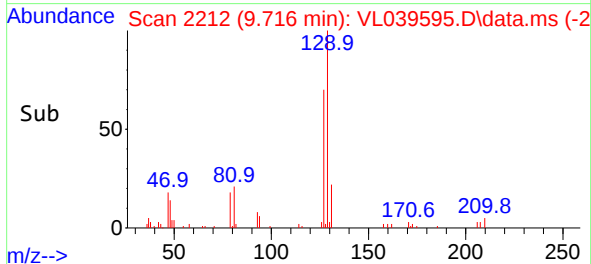
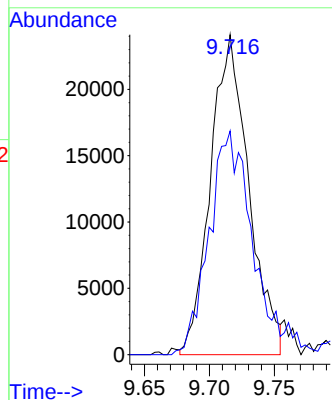
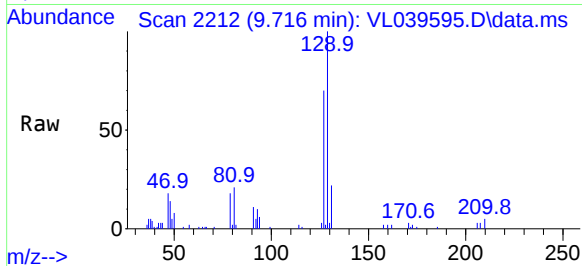
MDL-AIR-03-QT3-2022

Tgt Ion:129 Resp: 49340

Ion Ratio Lower Upper

129 100

127 80.5 39.3 117.9



#49

Bromoform

Concen: 0.231 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. -0.002 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

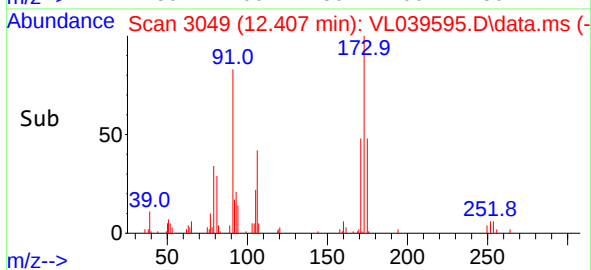
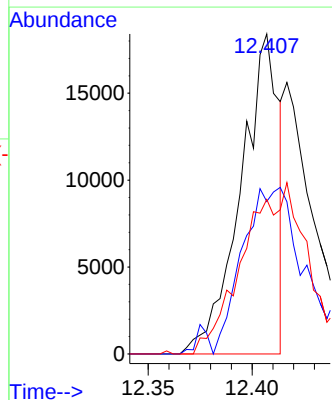
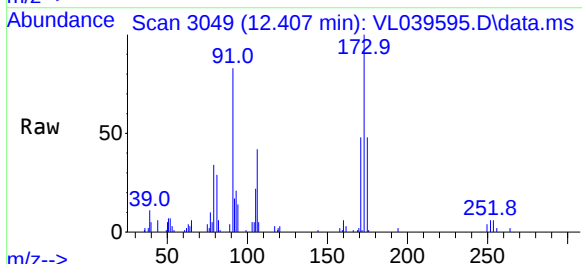
Tgt Ion:173 Resp: 23343

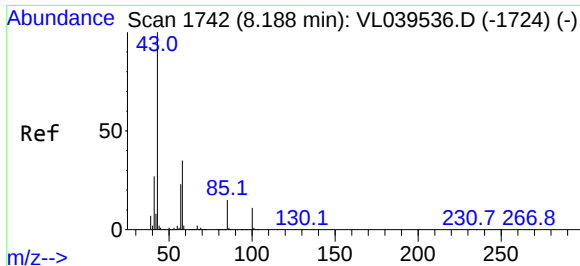
Ion Ratio Lower Upper

173 100

175 0.0 40.3 60.5#

171 0.0 42.9 64.3#





#50

4-Methyl-2-Pentanone

Concen: 0.155 ppbv

RT: 8.208 min Scan# 1

Delta R.T. 0.020 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

Instrument :

MSVOA_L

ClientSampleId :

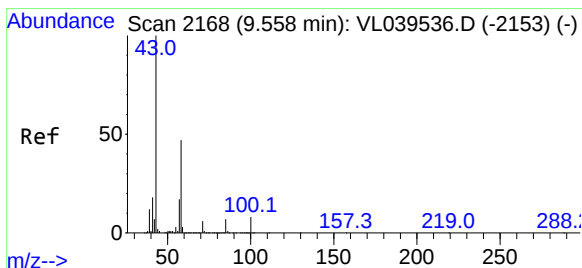
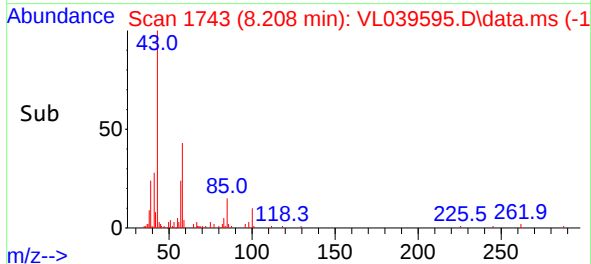
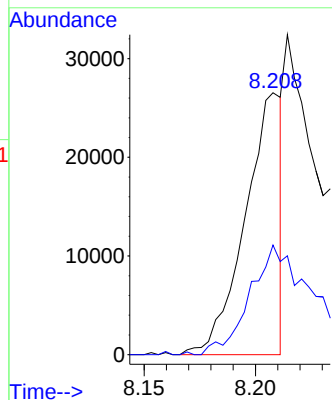
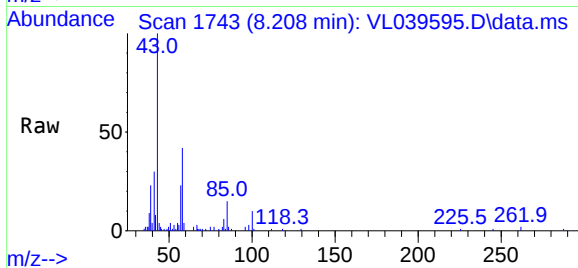
MDL-AIR-03-QT3-2022

Tgt Ion: 43 Resp: 30310

Ion Ratio Lower Upper

43 100

58 78.0 28.8 43.2#



#51

2-Hexanone

Concen: 0.228 ppbv

RT: 9.584 min Scan# 2171

Delta R.T. 0.026 min

Lab File: VL039595.D

Acq: 26 Aug 2022 9:03

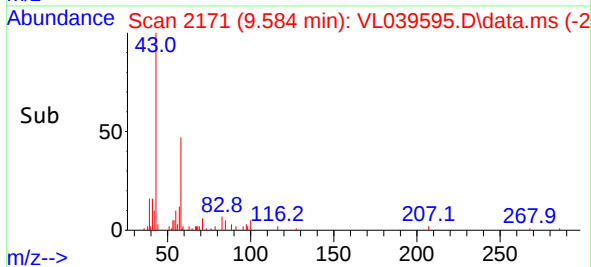
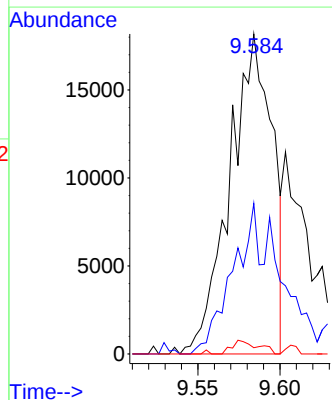
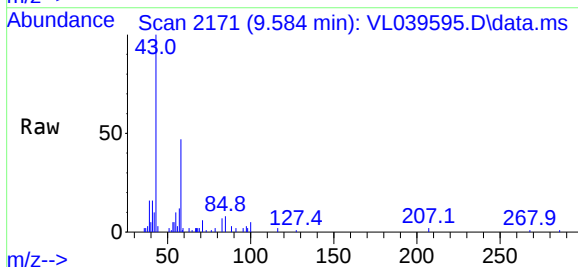
Tgt Ion: 43 Resp: 32795

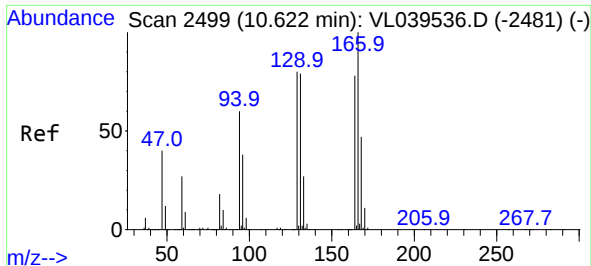
Ion Ratio Lower Upper

43 100

58 59.3 38.4 57.6#

98 3.4 0.3 0.5#



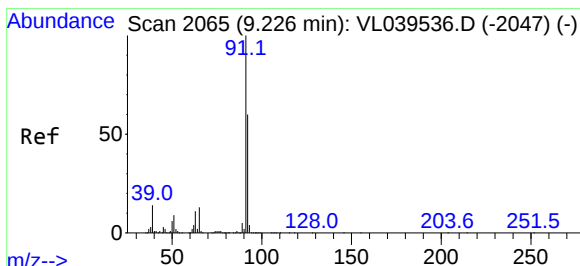
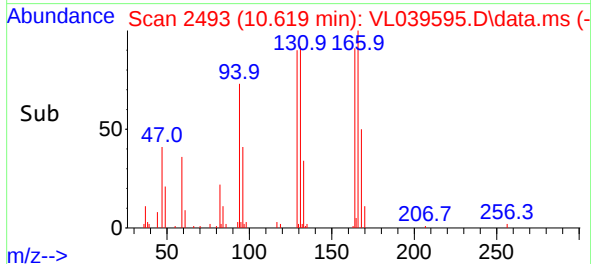
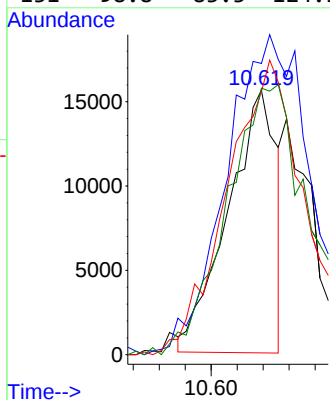
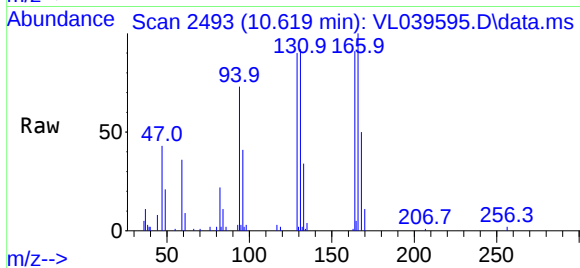


#52
Tetrachloroethene
Concen: 0.275 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.002 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

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

Tgt Ion:164 Resp: 20038

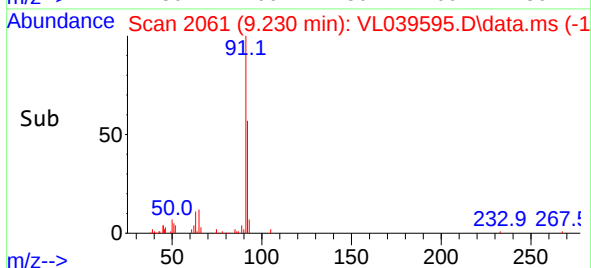
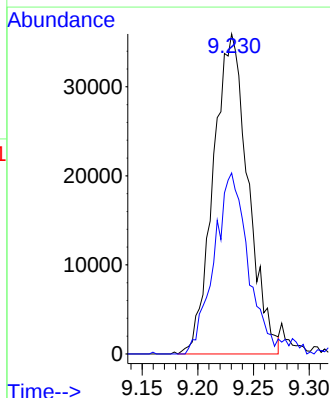
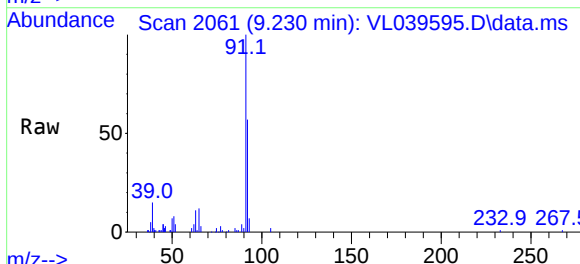
Ion	Ratio	Lower	Upper
164	100		
166	103.2	102.2	153.2
129	100.3	85.8	128.8
131	98.8	83.3	124.9

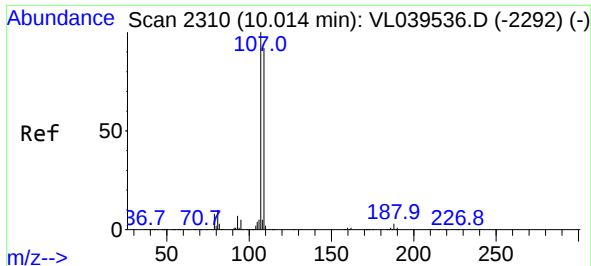


#53
Toluene
Concen: 0.362 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 91 Resp: 77945

Ion	Ratio	Lower	Upper
91	100		
92	57.7	48.2	72.2

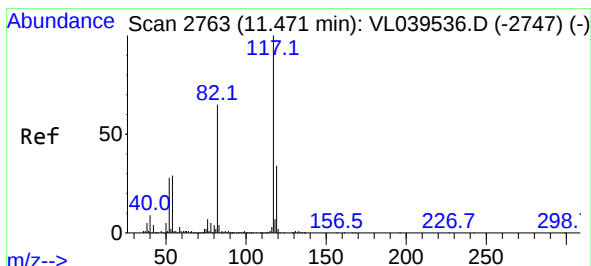
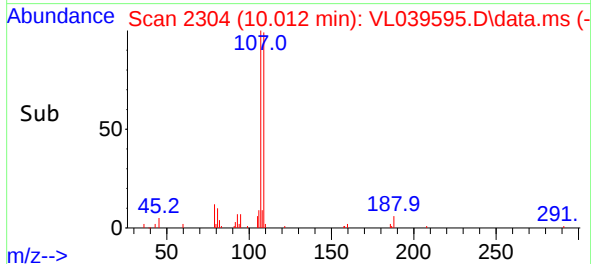
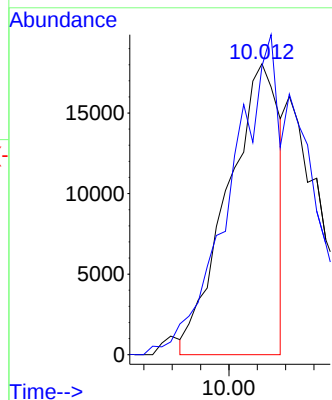
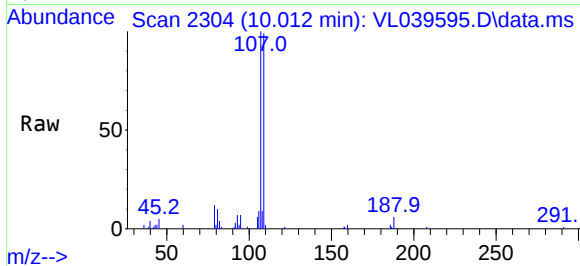




#54
1,2-Dibromoethane
Concen: 0.246 ppbv
RT: 10.012 min Scan# 21
Delta R.T. -0.002 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

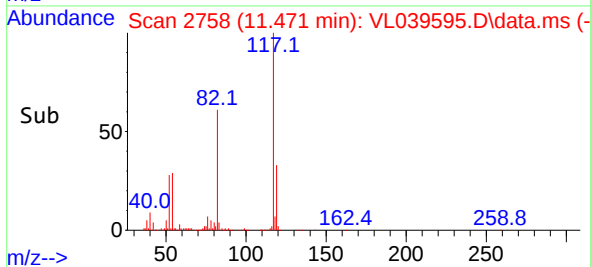
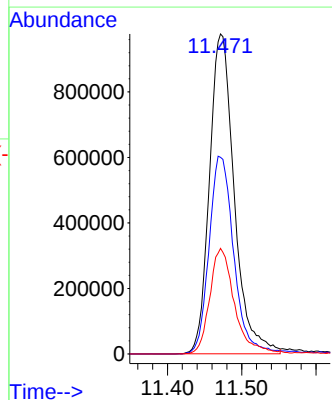
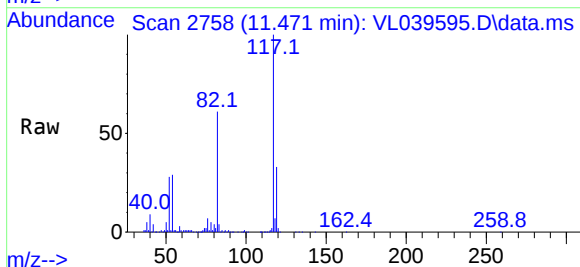
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

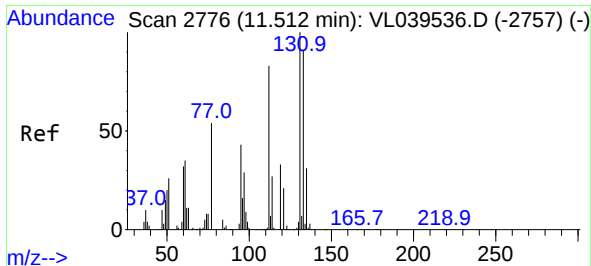
Tgt Ion:107 Resp: 22769
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:117 Resp: 2266793
Ion Ratio Lower Upper
117 100
82 62.3 50.8 76.2
119 33.8 24.1 36.1

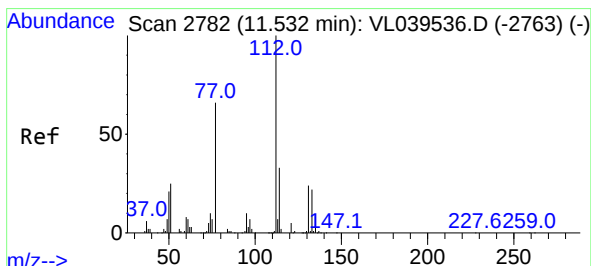
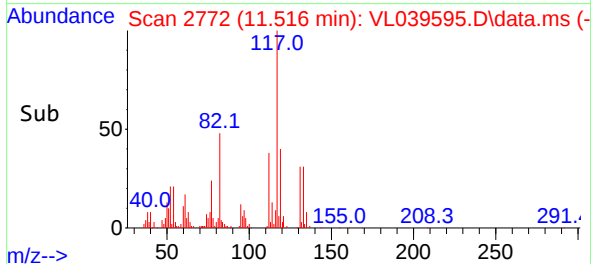
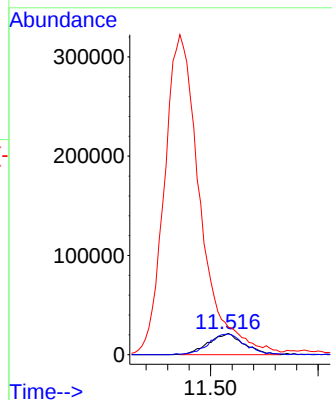
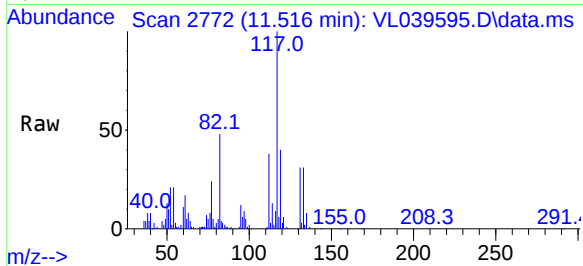




#56
1,1,1,2-Tetrachloroethane
Concen: 0.528 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

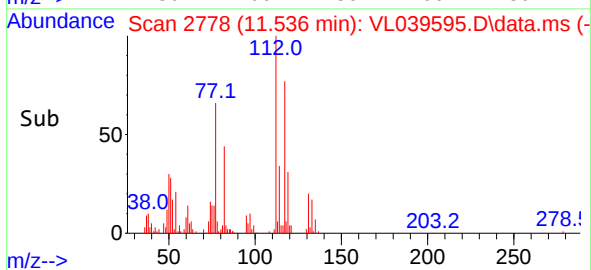
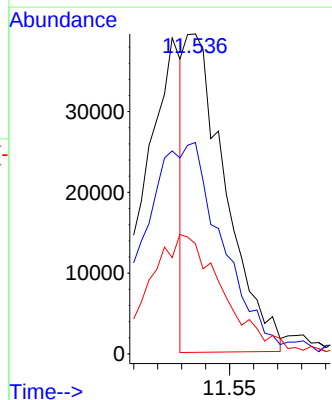
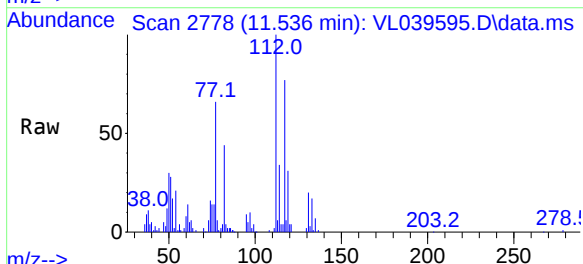
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

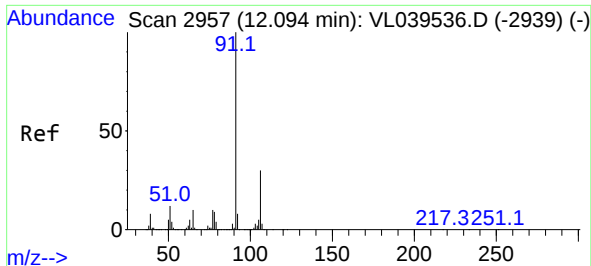
Tgt Ion:131 Resp: 48640
Ion Ratio Lower Upper
131 100
133 100.3 76.8 115.2
119 1576.3 46.2 69.4#



#57
Chlorobenzene
Concen: 0.273 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:112 Resp: 46232
Ion Ratio Lower Upper
112 100
77 66.4 51.0 76.4
114 31.1 27.5 33.6

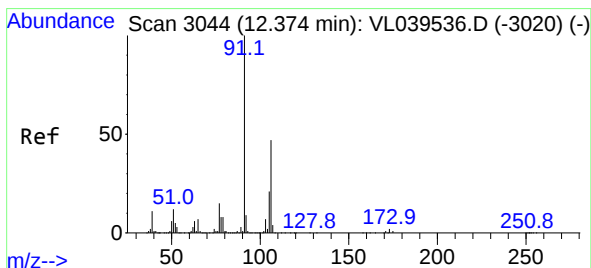
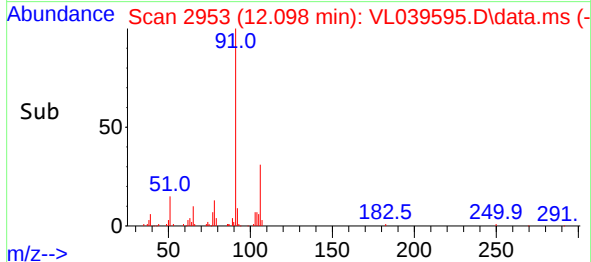
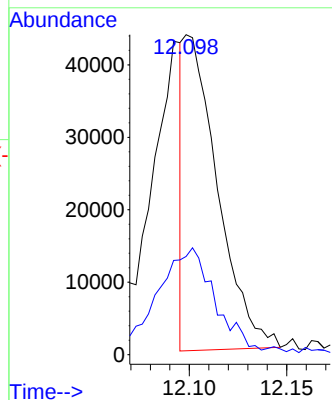
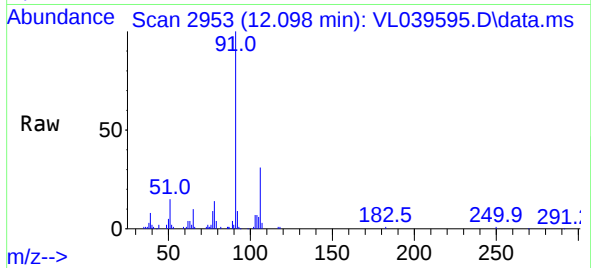




#58
Ethyl Benzene
Concen: 0.201 ppbv
RT: 12.098 min Scan# 2957
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

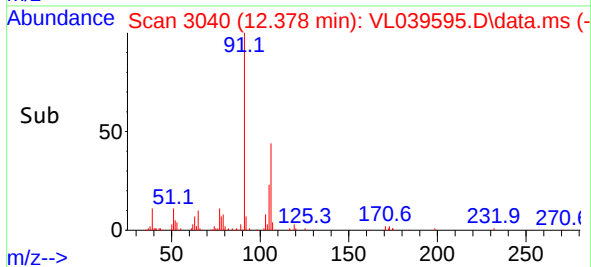
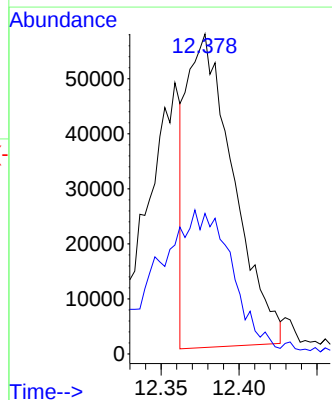
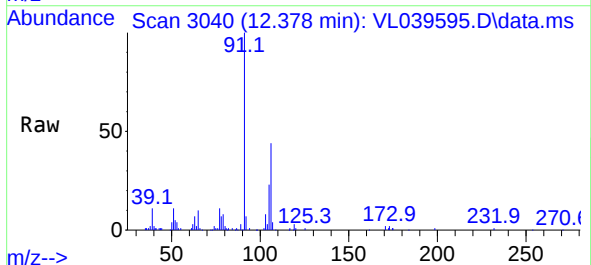
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

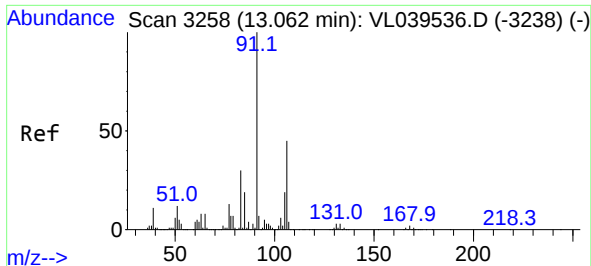
Tgt Ion: 91 Resp: 52255
Ion Ratio Lower Upper
91 100
106 29.6 25.4 38.0



#59
m/p-Xylene
Concen: 0.506 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 91 Resp: 118268
Ion Ratio Lower Upper
91 100
106 77.6 35.4 53.2#

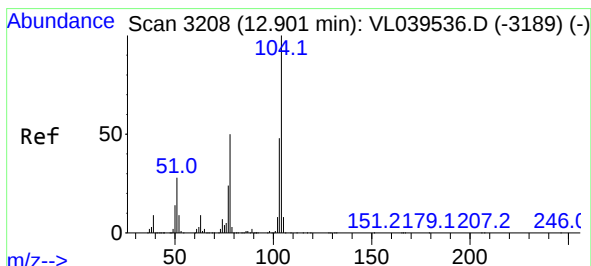
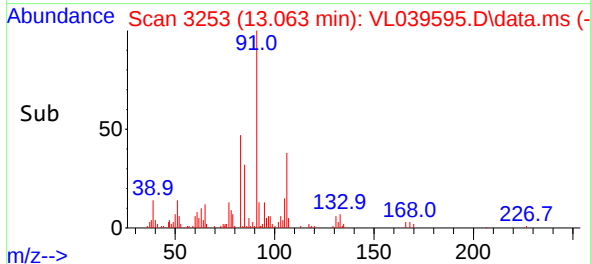
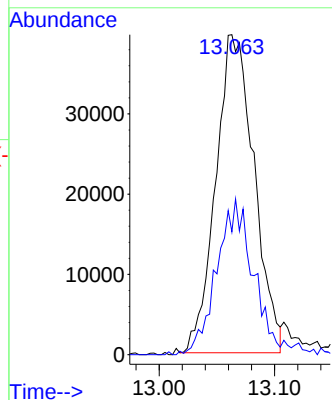
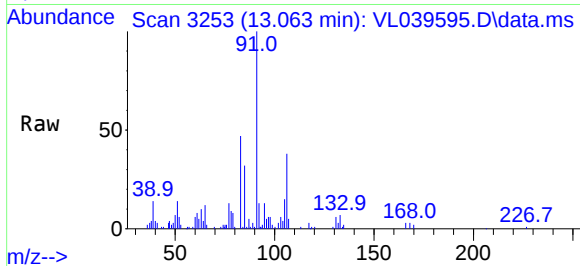




#60
o-Xylene
Concen: 0.408 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

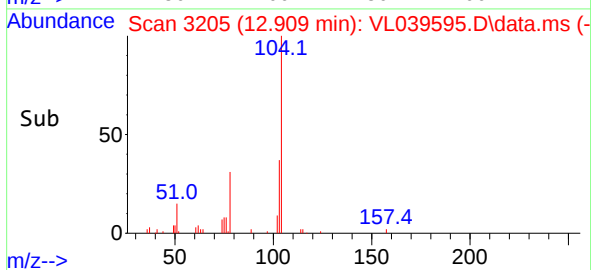
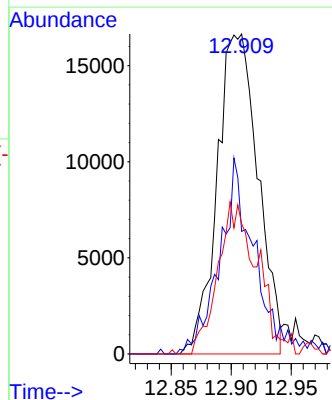
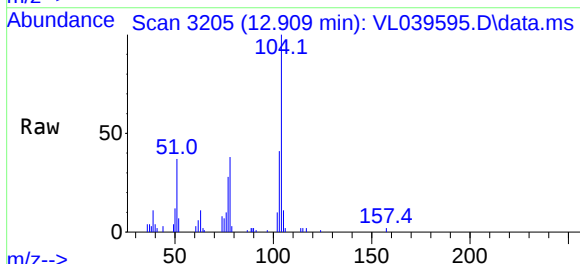
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

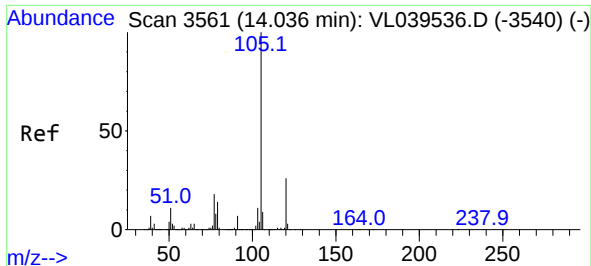
Tgt Ion: 91 Resp: 91558
Ion Ratio Lower Upper
91 100
106 47.8 22.4 67.3



#61
Styrene
Concen: 0.331 ppbv
RT: 12.909 min Scan# 3205
Delta R.T. 0.007 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 104 Resp: 39508
Ion Ratio Lower Upper
104 100
78 53.8 41.2 61.8
103 45.7 38.7 58.1

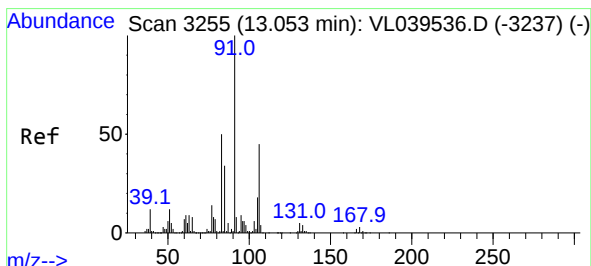
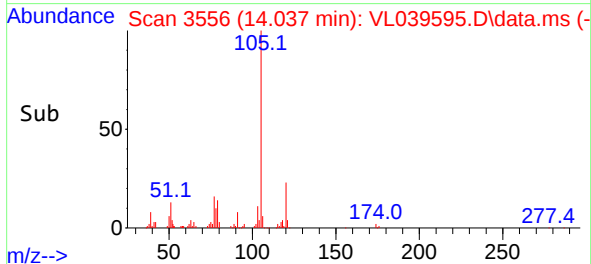
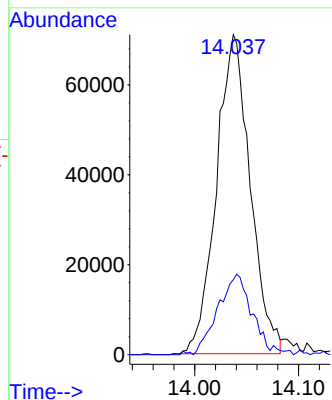
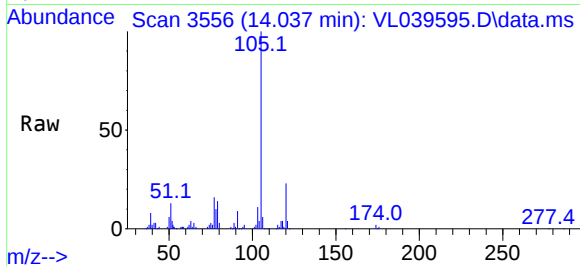




#62
Isopropylbenzene
Concen: 0.473 ppbv
RT: 14.037 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

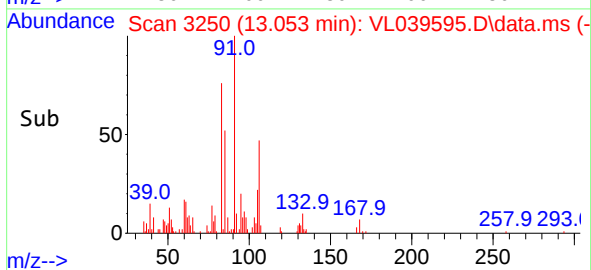
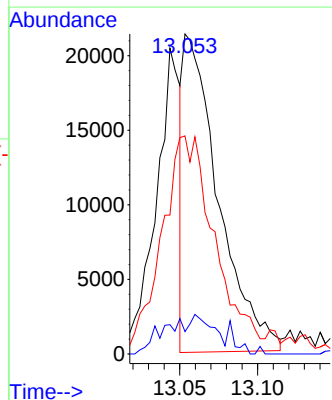
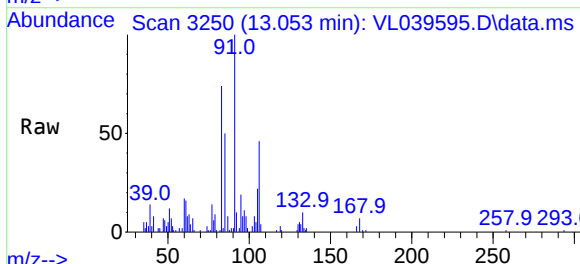
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

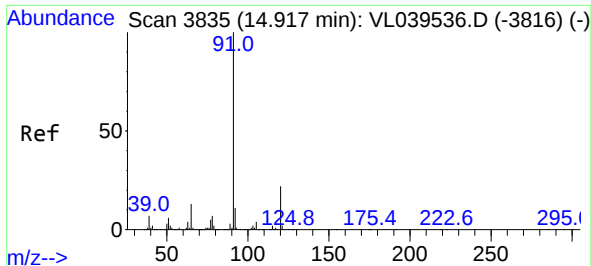
Tgt Ion:105 Resp: 160270
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1



#63
1,1,2,2-Tetrachloroethane
Concen: 0.314 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 83 Resp: 33321
Ion Ratio Lower Upper
83 100
131 18.9 5.3 15.8#
85 113.5 33.1 99.5#

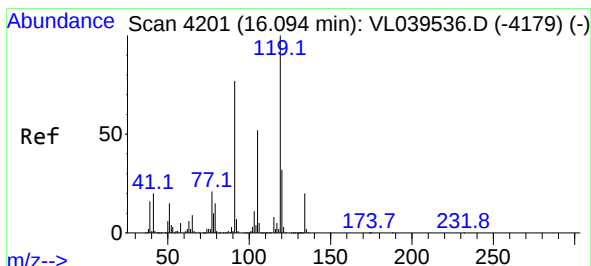
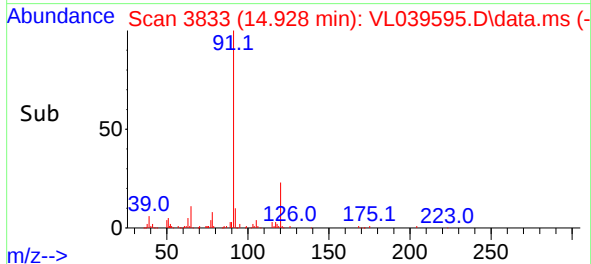
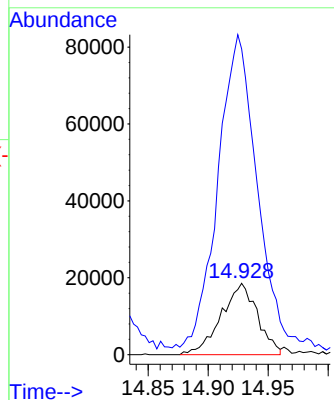
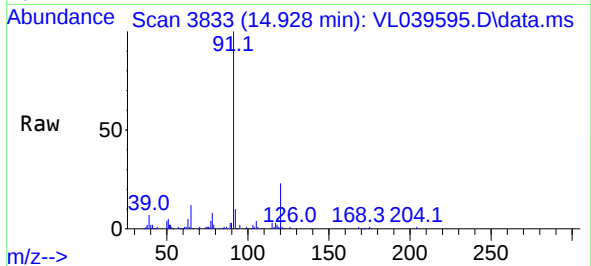




#64
n-propylbenzene
Concen: 0.444 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

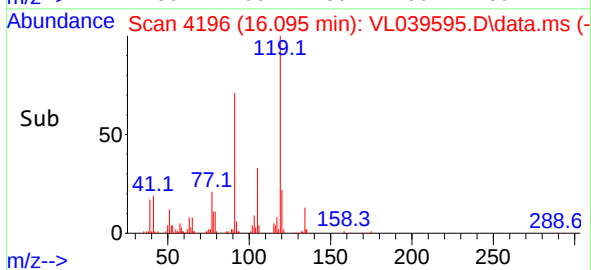
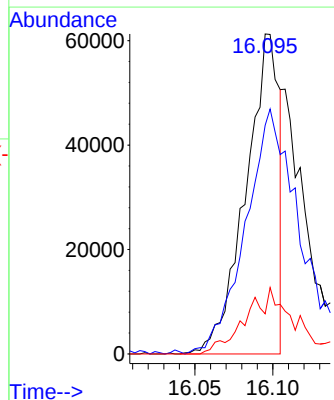
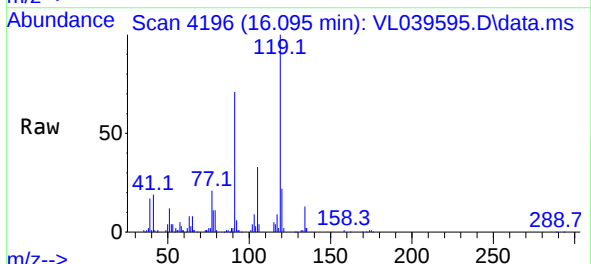
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

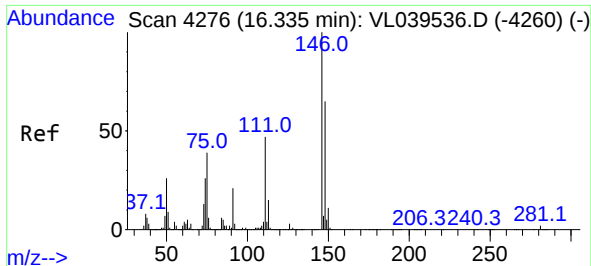
Tgt Ion:120 Resp: 39151
Ion Ratio Lower Upper
120 100
91 505.8 367.2 550.8



#65
tert-Butylbenzene
Concen: 0.303 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:119 Resp: 91414
Ion Ratio Lower Upper
119 100
91 131.2 63.4 95.2#
134 31.9 15.9 23.9#

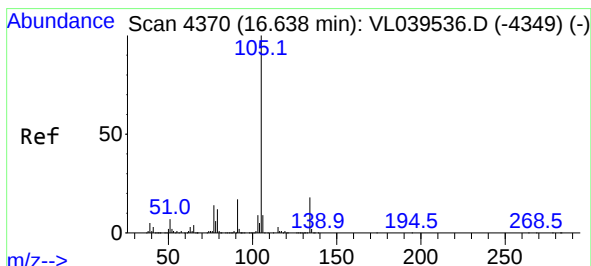
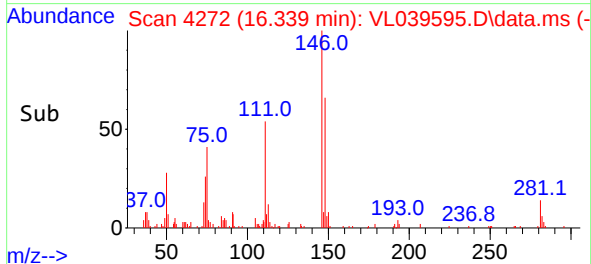
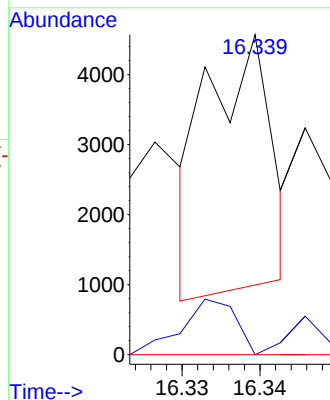
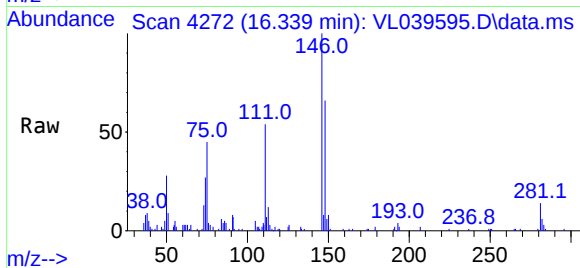




#66
Benzyl Chloride
Concen: 0.084 ppbv
RT: 16.339 min Scan# 4365
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

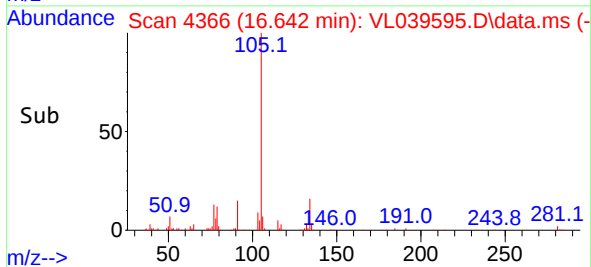
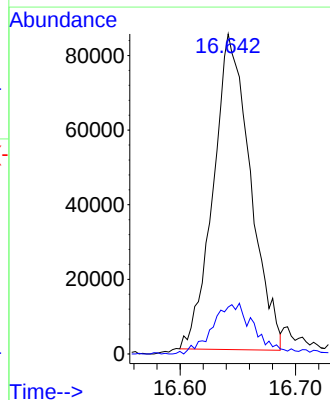
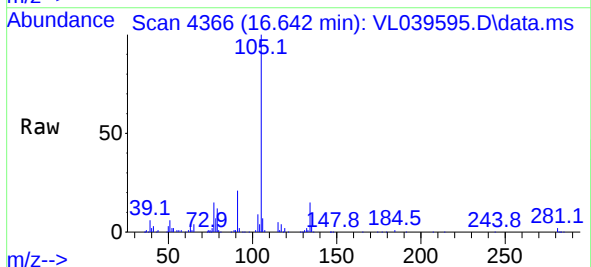
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

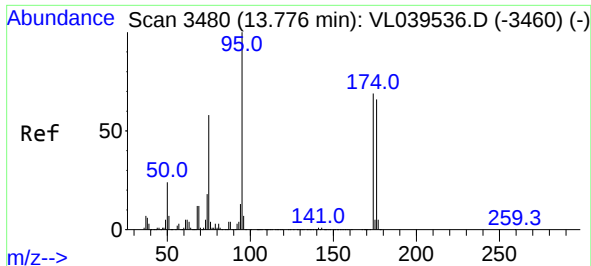
Tgt Ion: 91 Resp: 2058
Ion Ratio Lower Upper
91 100
126 26.6 13.1 19.7#
128 0.0 4.4 6.6#



#67
sec-Butylbenzene
Concen: 0.442 ppbv
RT: 16.642 min Scan# 4366
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 105 Resp: 188809
Ion Ratio Lower Upper
105 100
134 18.6 14.8 22.2

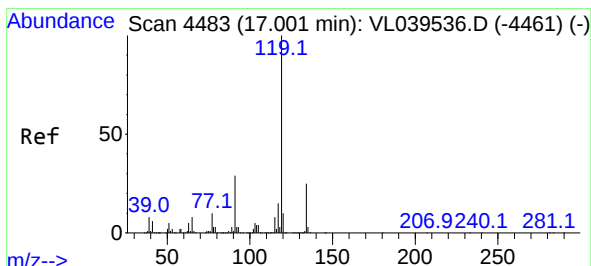
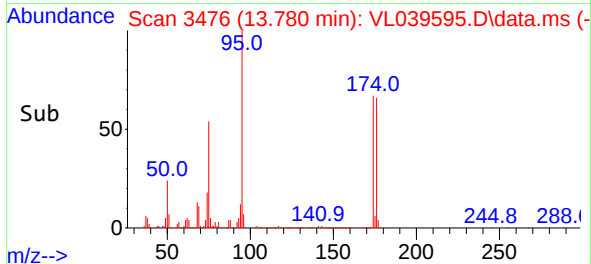
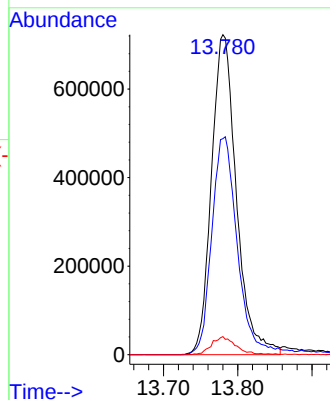
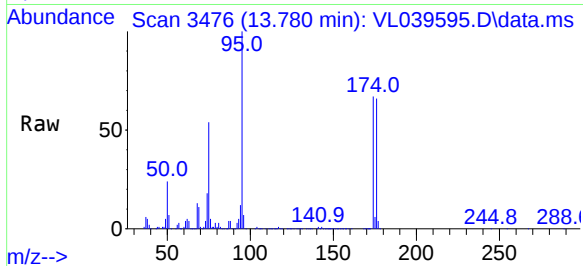




#68
1-Bromo-4-Fluorobenzene
Concen: 9.879 ppbv
RT: 13.780 min Scan# 3480
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

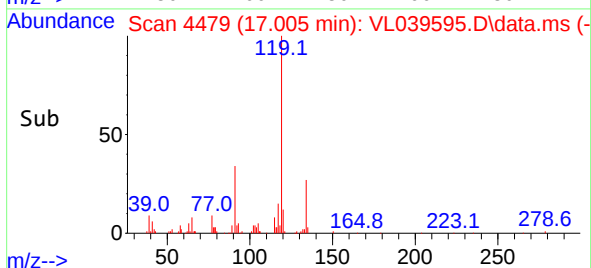
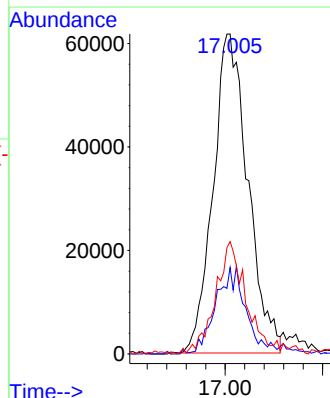
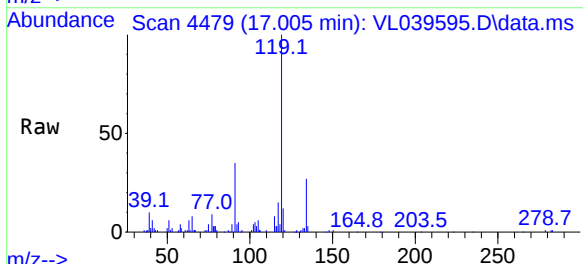
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

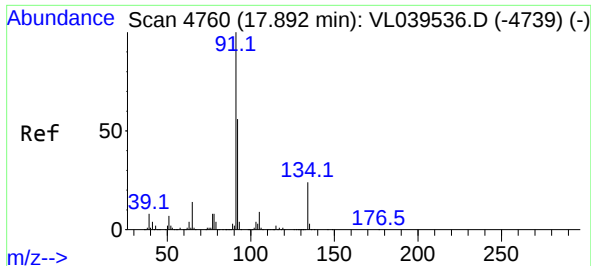
Tgt Ion: 95 Resp: 1689435
Ion Ratio Lower Upper
95 100
174 72.3 55.9 83.9
175 5.6 4.2 6.4



#69
p-Isopropyltoluene
Concen: 0.431 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 119 Resp: 152742
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 33.6 22.9 34.3

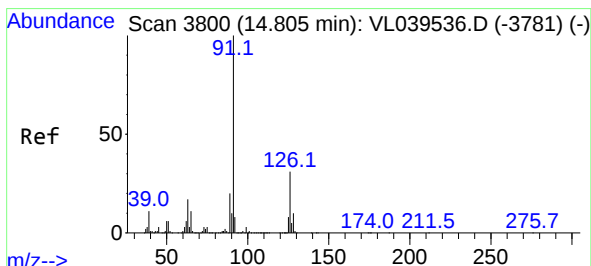
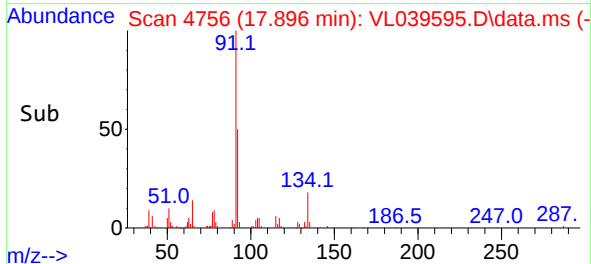
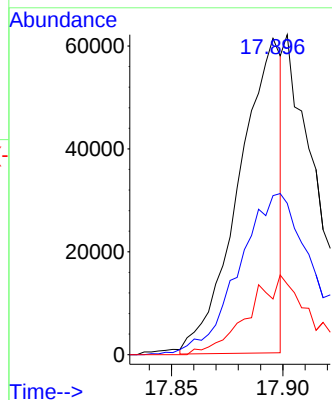
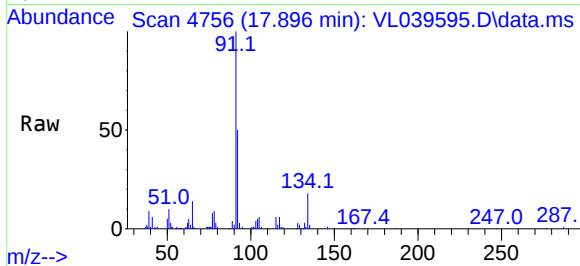




#70
n-Butylbenzene
Concen: 0.230 ppbv
RT: 17.896 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

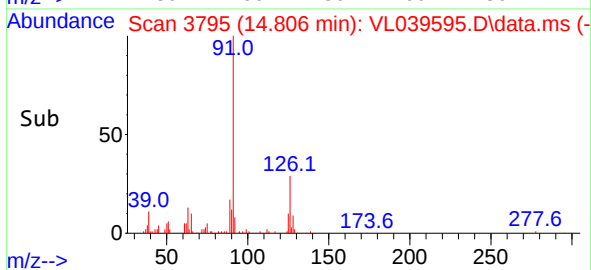
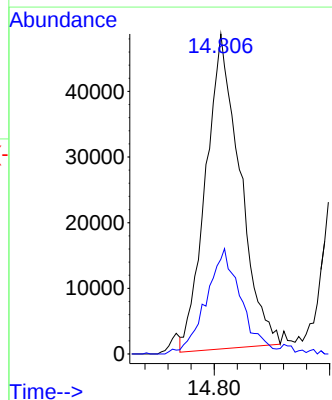
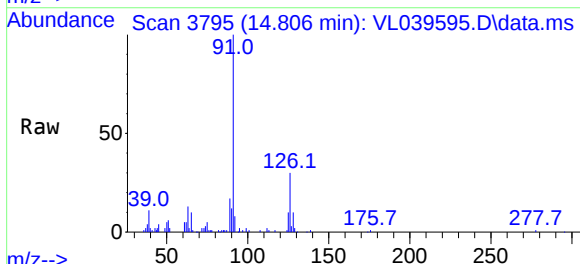
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

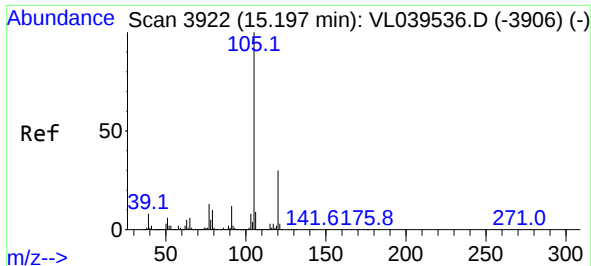
Tgt Ion: 91 Resp: 81171
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.2#
134 0.0 18.9 28.3#



#71
2-Chlorotoluene
Concen: 0.401 ppbv
RT: 14.806 min Scan# 3795
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion: 91 Resp: 98579
Ion Ratio Lower Upper
91 100
126 35.7 13.0 51.8

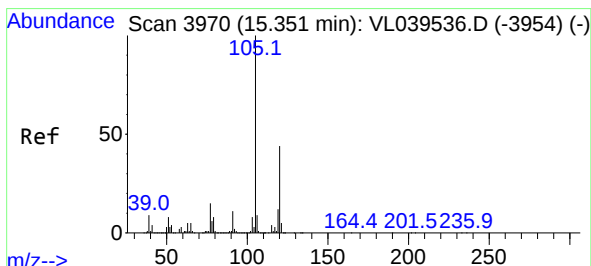
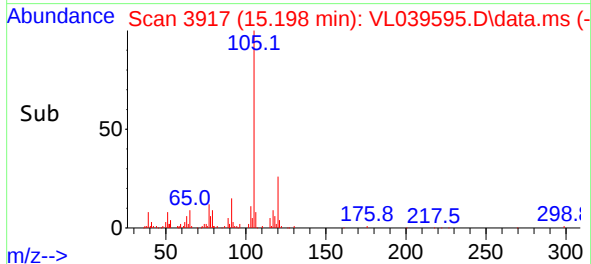
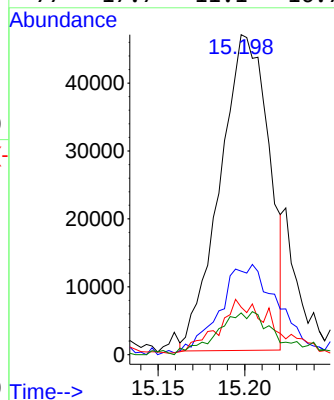
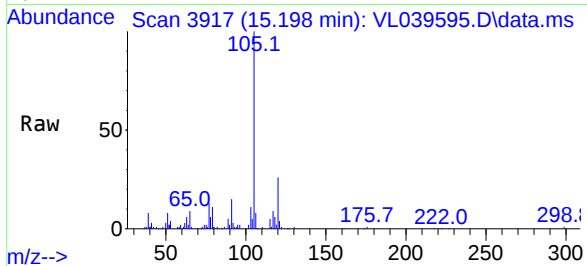




#72
4-Ethyltoluene
Concen: 0.349 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

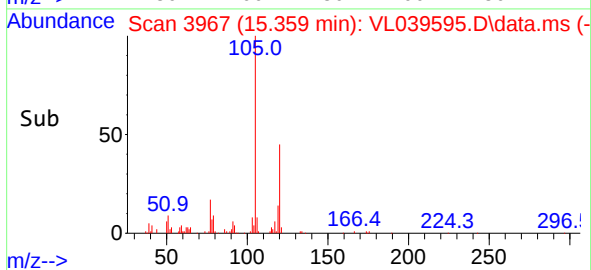
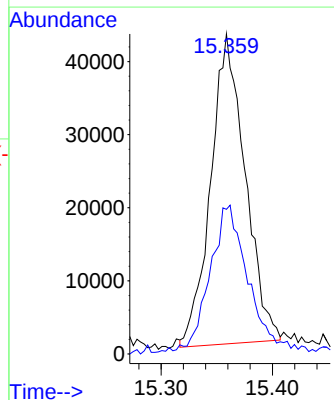
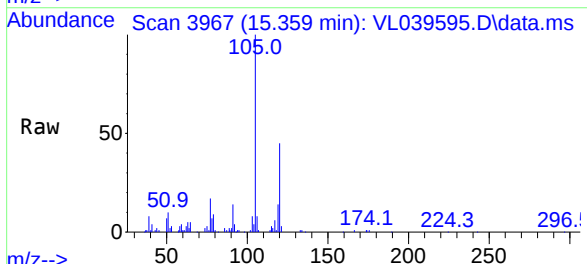
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

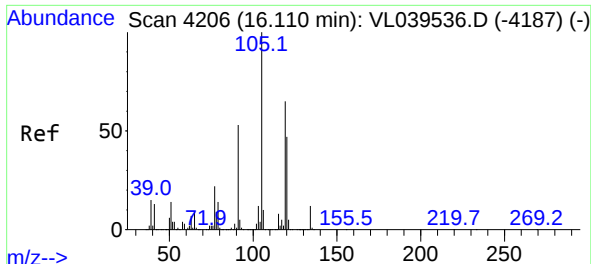
Tgt Ion:	105	Resp:	91448
Ion	Ratio	Lower	Upper
105	100		
120	36.0	24.2	36.2
91	18.7	10.2	15.4#
77	17.7	11.1	16.7#



#73
1,3,5-Trimethylbenzene
Concen: 0.380 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. 0.007 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:	105	Resp:	91094
Ion	Ratio	Lower	Upper
105	100		
120	44.3	38.2	57.4

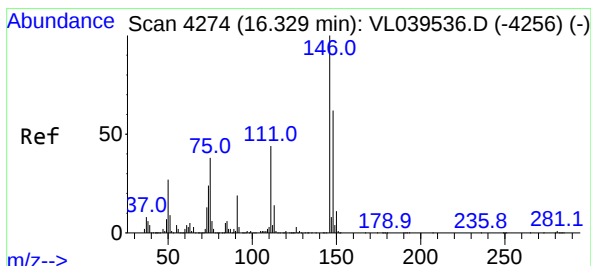
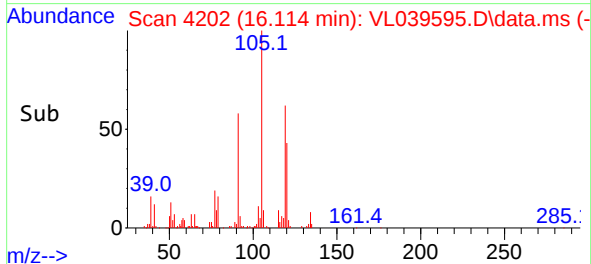
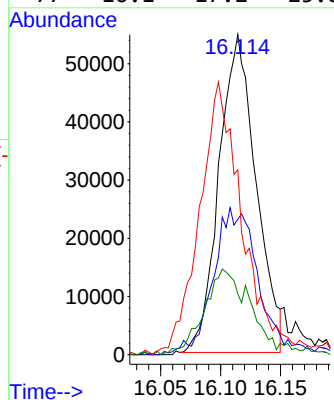
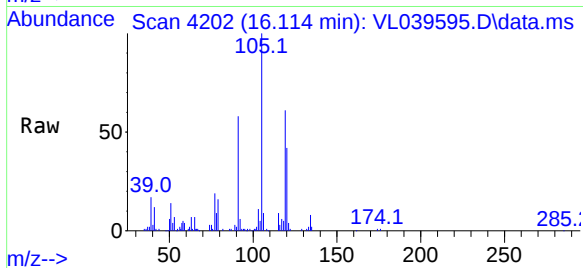




#74
1,2,4-Trimethylbenzene
Concen: 0.439 ppbv
RT: 16.114 min Scan# 4187
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

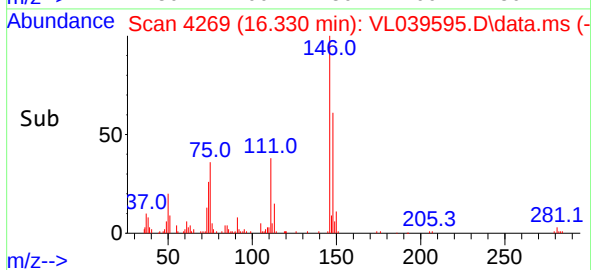
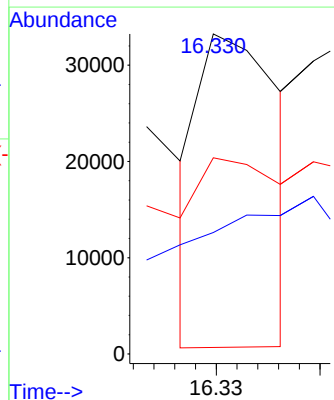
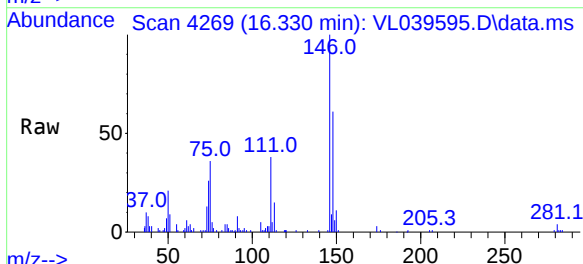
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022

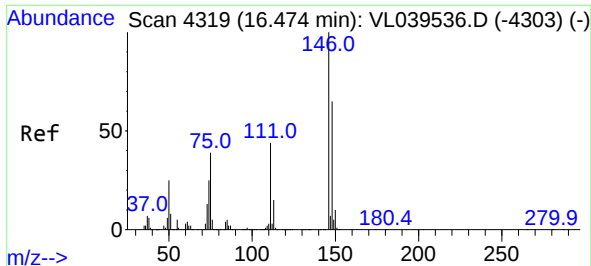
Tgt Ion:	105	Resp:	117263
Ion	Ratio	Lower	Upper
105	100		
120	40.4	39.5	59.3
91	50.6	39.2	58.8
77	16.1	17.2	25.8



#75
1,3-Dichlorobenzene
Concen: 0.107 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:	146	Resp:	17360
Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.7
148	324.2	32.1	96.5

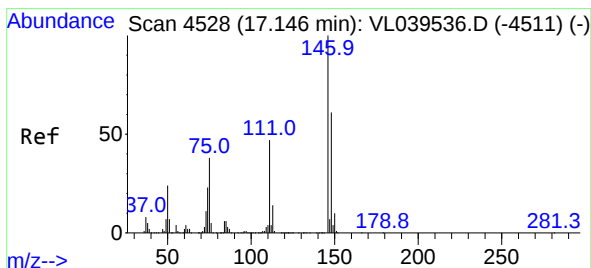
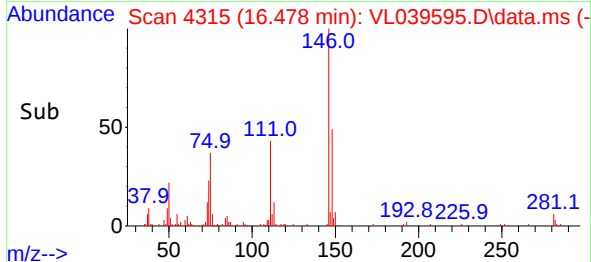
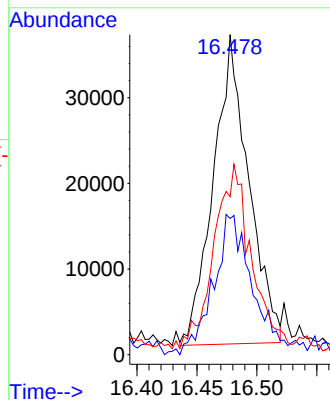
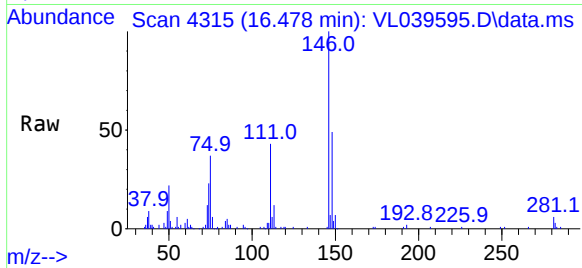




#76
1,4-Dichlorobenzene
Concen: 0.458 ppbv
RT: 16.478 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

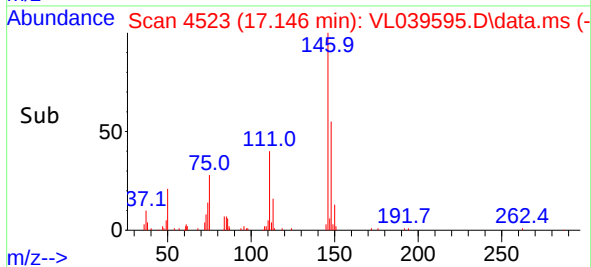
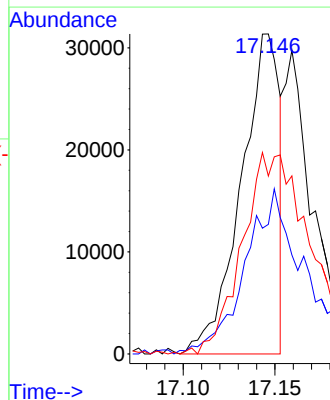
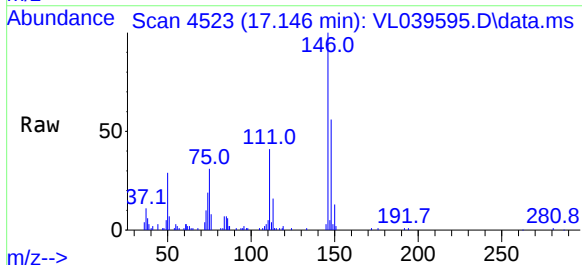
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

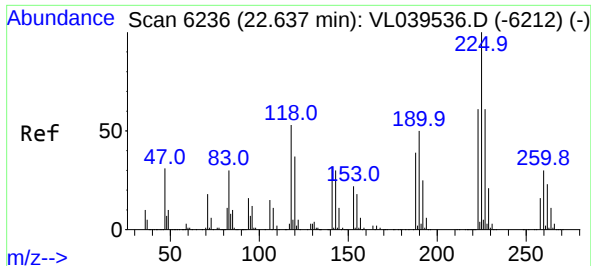
Tgt Ion:	146	Resp:	74101
Ion	Ratio	Lower	Upper
146	100		
111	50.5	22.9	68.8
148	68.0	33.6	100.8



#77
1,2-Dichlorobenzene
Concen: 0.286 ppbv
RT: 17.146 min Scan# 4523
Delta R.T. 0.001 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:	146	Resp:	45494
Ion	Ratio	Lower	Upper
146	100		
111	81.5	23.8	71.5#
148	122.9	32.3	96.8#

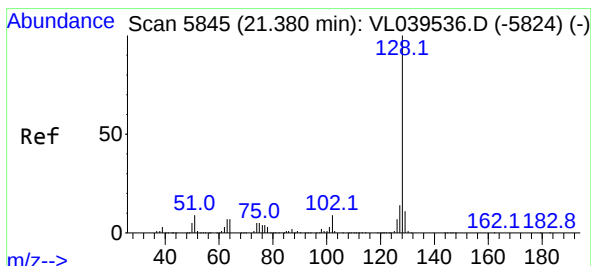
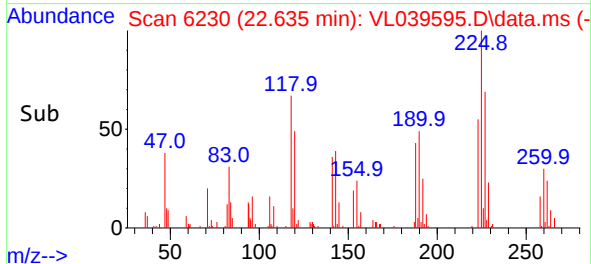
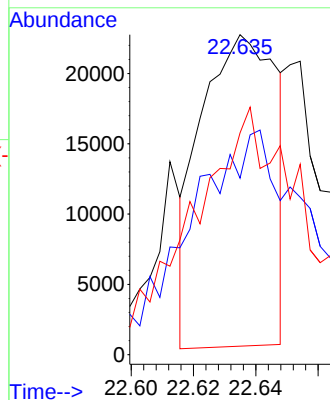
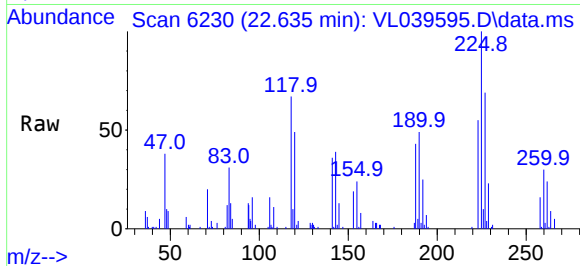




#78
Hexachloro-1,3-Butadiene
Concen: 0.294 ppbv
RT: 22.635 min Scan# 61
Delta R.T. -0.002 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

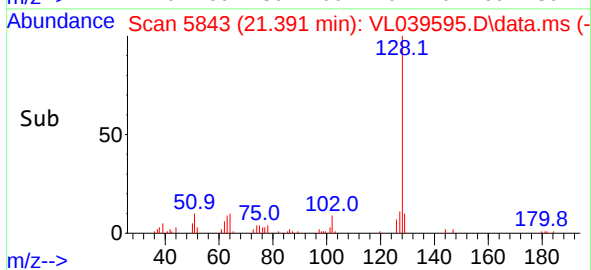
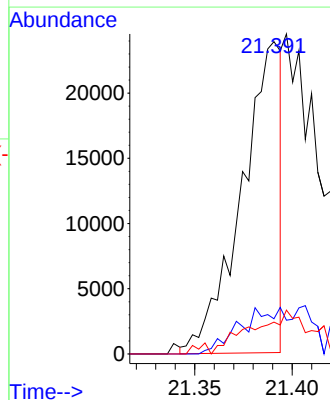
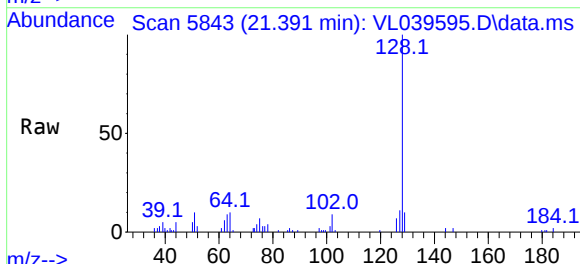
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

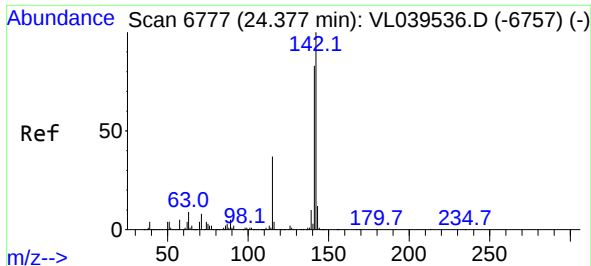
Tgt Ion:225 Resp: 37172
Ion Ratio Lower Upper
225 100
223 121.8 51.8 77.6#
227 130.2 51.4 77.2#



#79
Naphthalene
Concen: 0.177 ppbv
RT: 21.391 min Scan# 5843
Delta R.T. 0.010 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:128 Resp: 33668
Ion Ratio Lower Upper
128 100
127 11.5 10.6 15.8
129 10.4 8.8 13.2

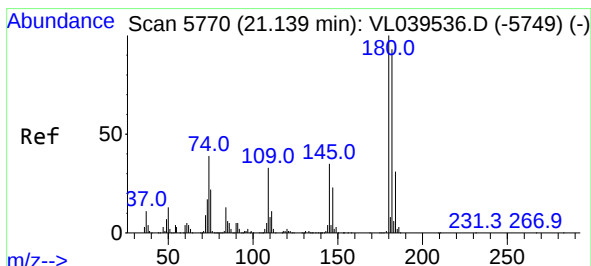
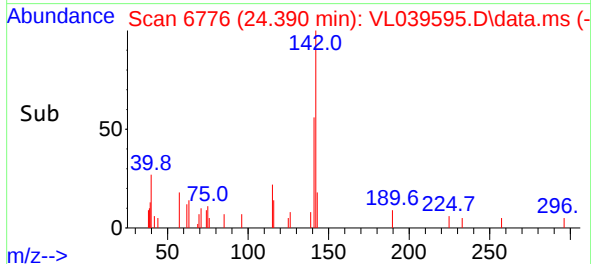
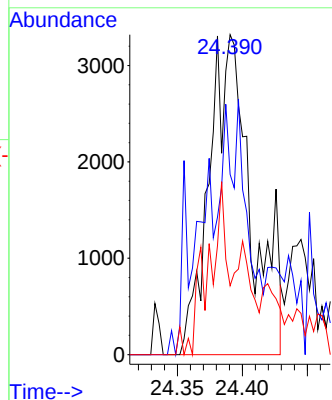
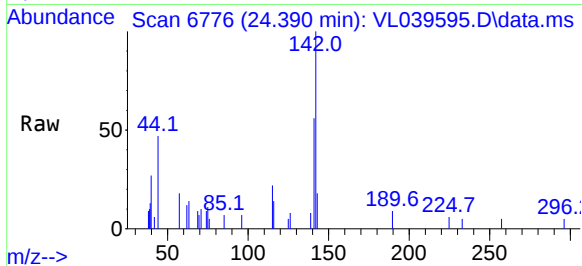




#80
Naphthalene, 2-methyl-
Concen: 0.096 ppbv
RT: 24.390 min Scan# 61
Delta R.T. 0.014 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

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

Tgt Ion:	142	Resp:	7438
Ion	Ratio	Lower	Upper
142	100		
141	97.1	68.9	103.3
115	52.5	30.0	45.0#



#81
1,2,4-Trichlorobenzene
Concen: 0.246 ppbv
RT: 21.146 min Scan# 5767
Delta R.T. 0.007 min
Lab File: VL039595.D
Acq: 26 Aug 2022 9:03

Tgt Ion:	180	Resp:	31266
Ion	Ratio	Lower	Upper
180	100		
182	166.1	77.1	115.7#
184	0.0	24.3	36.5#

