

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039708.D
 Acq On : 10 Oct 2022 23:30
 Operator : SY/AP
 Sample : N4955-15 MDL 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2022DL

Quant Time: Oct 11 07:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1023421	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2697529	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2393569	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1812326	10.143	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	82340	0.694	ppbv	90
3) Chlorodifluoromethane	2.690	51	54219	0.446	ppbv	99
4) Chloromethane	2.829	50	35539	0.485	ppbv	91
5) Vinyl Chloride	2.935	62	26440	0.433	ppbv	98
6) Bromomethane	3.137	94	8813	0.391	ppbv	89
7) Chloroethane	3.205	64	3834	0.172	ppbv	94
8) Dichlorotetrafluoroethane	2.870	85	61149	0.430	ppbv	94
9) Propene	2.706	41	11160	0.201	ppbv #	15
10) Heptane	7.568	43	30476	0.235	ppbv #	27
11) Trichlorofluoromethane	3.575	101	56562	0.385	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	48646	0.438	ppbv	95
13) Ethanol	3.259	45	1170	0.277	ppbv #	23
14) Bromoethene	3.375	108	17185	0.388	ppbv #	88
15) Acetone	3.494	43	29654	0.260	ppbv #	49
16) 1,3-Butadiene	2.999	39	24398	0.422	ppbv	100
17) tert-Butyl alcohol	3.899	59	16485	0.161	ppbv #	71
18) 1,1-Dichloroethene	3.890	96	18271	0.374	ppbv	86
20) Methylene Chloride	3.944	84	26295	0.499	ppbv	93
21) Allyl Chloride	4.005	41	29356	0.379	ppbv	87
22) trans-1,2-Dichloroethene	4.452	96	21098	0.437	ppbv	94
23) Vinyl Acetate	4.639	43	18671	0.363	ppbv #	88
24) 1,1-Dichloroethane	4.571	63	45601	0.445	ppbv #	96
25) Ethyl Acetate	5.218	43	98177	0.395	ppbv #	94
26) Hexane	5.211	57	45886	0.435	ppbv	93
27) Carbon Disulfide	4.128	76	14501	0.131	ppbv #	5
28) Methyl tert-Butyl Ether	4.603	73	35034	0.396	ppbv	91
29) Chloroform	5.272	83	62450	0.411	ppbv	95
30) Cyclohexane	6.590	84	10587	0.130	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	33250	0.349	ppbv #	86
32) 1,1,1-Trichloroethane	6.002	97	31363	0.228	ppbv #	27
34) 2-Butanone	4.803	43	46905	0.354	ppbv	99
35) Carbon Tetrachloride	6.491	117	52670	0.368	ppbv	87
36) Benzene	6.362	78	82103	0.398	ppbv #	89
37) 1,2-Dichloroethane	5.806	62	26792	0.239	ppbv #	78
38) Trichloroethene	7.282	130	43694	0.392	ppbv	95
39) 1,2-Dichloropropane	7.063	63	29687	0.373	ppbv	96
40) 1,4-Dioxane	7.304	88	3446	0.106	ppbv #	1
41) Tetrahydrofuran	5.584	42	23730	0.292	ppbv #	81
42) Bromodichloromethane	7.250	83	17223	0.110	ppbv	99
43) Methyl Methacrylate	7.478	69	20641	0.275	ppbv #	62
44) 2,2,4-Trimethylpentane	7.324	57	139244	0.392	ppbv	94
45) t-1,3-Dichloropropene	8.700	75	2547	0.040	ppbv	98
46) cis-1,3-Dichloropropene	8.137	75	25698	0.284	ppbv #	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.893	97	28833	0.331	ppbv	91
48) Dibromochloromethane	9.693	129	39440	0.301	ppbv	97
49) Bromoform	12.381	173	12400	0.114	ppbv #	26
50) 4-Methyl-2-Pentanone	8.198	43	66720	0.320	ppbv	99
51) 2-Hexanone	9.565	43	28686	0.186	ppbv #	59
52) Tetrachloroethene	10.610	164	10410	0.132	ppbv	90
53) Toluene	9.204	91	75740	0.330	ppbv	99
54) 1,2-Dibromoethane	9.995	107	24080	0.259	ppbv #	60
56) 1,1,1,2-Tetrachloroethane	11.491	131	20201	0.209	ppbv #	9
57) Chlorobenzene	11.510	112	80992	0.460	ppbv #	92
58) Ethyl Benzene	12.346	91	29516	0.107	ppbv	92
59) m/p-Xylene	12.359	91	82621	0.336	ppbv #	16
60) o-Xylene	13.037	91	34545	0.147	ppbv #	31
61) Styrene	12.876	104	13009	0.103	ppbv #	27
62) Isopropylbenzene	14.018	105	142835	0.405	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.028	83	24285	0.260	ppbv #	26
64) n-propylbenzene	14.892	120	10298	0.114	ppbv #	1
65) tert-Butylbenzene	16.079	119	115762	0.371	ppbv	93
66) Benzyl Chloride	16.304	91	2776	0.112	ppbv #	67
67) sec-Butylbenzene	16.619	105	162469	0.371	ppbv	99
69) p-Isopropyltoluene	16.982	119	68112	0.190	ppbv #	44
70) n-Butylbenzene	17.876	91	70886	0.201	ppbv #	52
71) 2-Chlorotoluene	14.786	91	88563	0.348	ppbv	97
72) 4-Ethyltoluene	15.175	105	46403	0.173	ppbv #	51
73) 1,3,5-Trimethylbenzene	15.339	105	83708	0.342	ppbv #	85
74) 1,2,4-Trimethylbenzene	16.088	105	50702	0.185	ppbv	92
75) 1,3-Dichlorobenzene	16.301	146	17985	0.110	ppbv #	23
76) 1,4-Dichlorobenzene	16.455	146	40631	0.248	ppbv #	31
77) 1,2-Dichlorobenzene	17.124	146	30647	0.192	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.609	225	57127	0.468	ppbv	97
79) Naphthalene	21.371	128	52772	0.291	ppbv #	91
80) Naphthalene,2-methyl-	24.371	142	10178	0.149	ppbv	91

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

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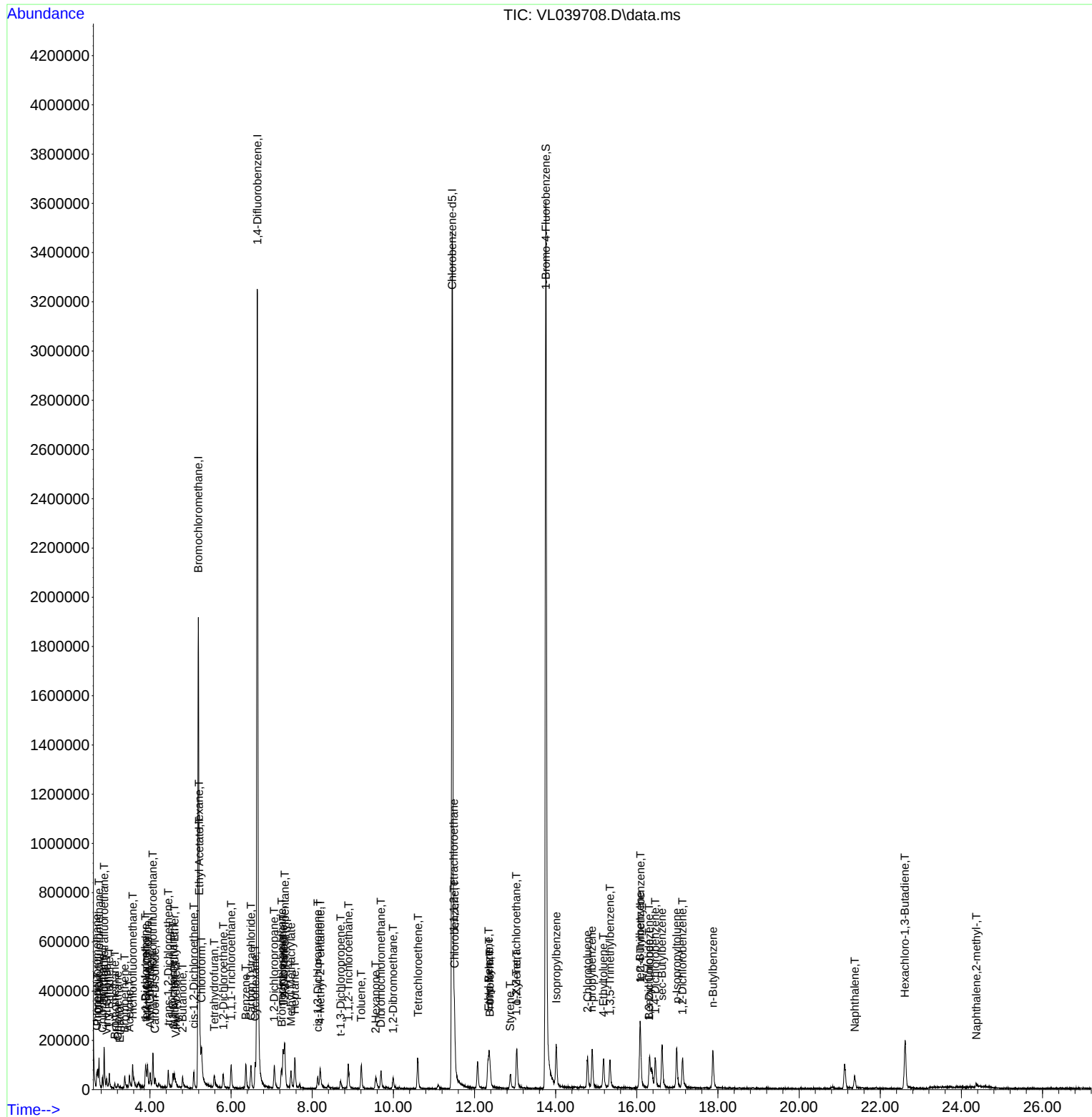
Quant Time: Oct 11 07:23:53 2022

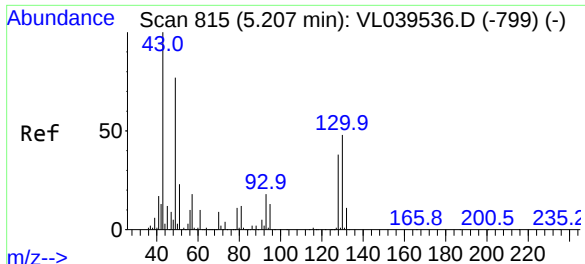
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

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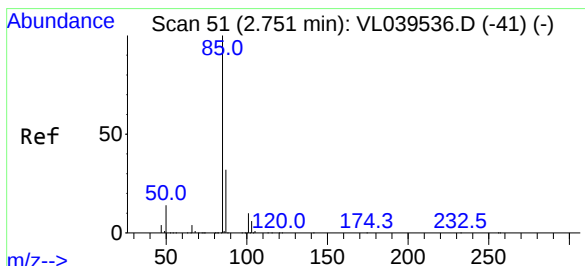
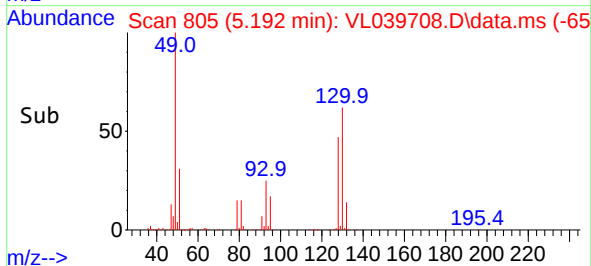
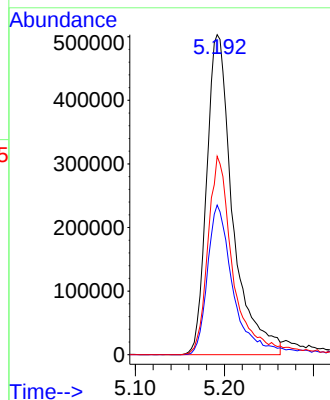
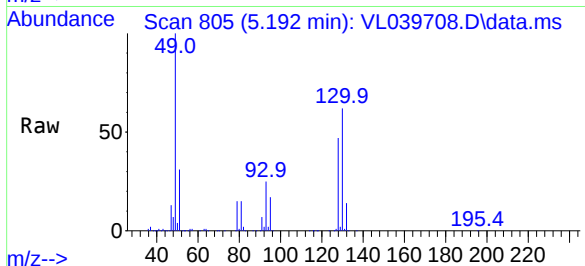




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.015 min
Lab File: VL039708.D
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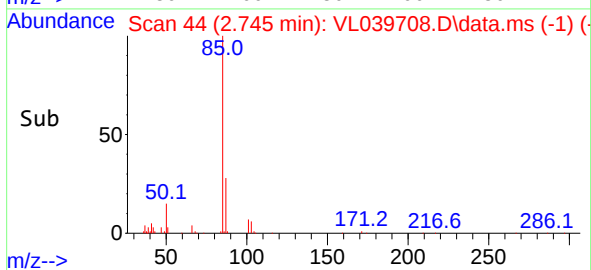
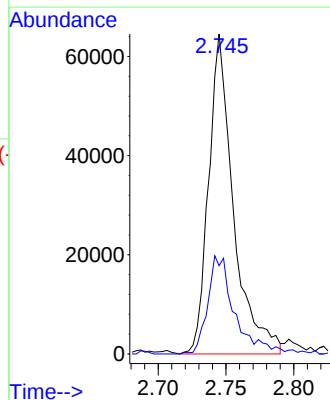
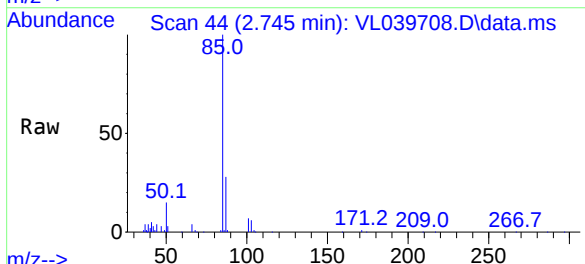
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

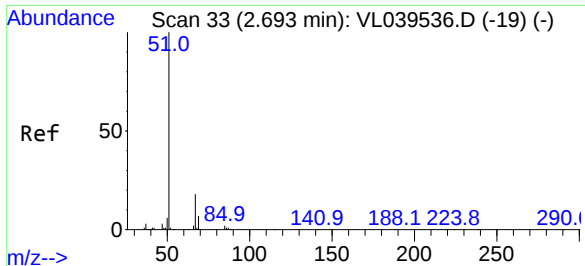
Tgt Ion: 49 Resp: 1023421
Ion Ratio Lower Upper
49 100
128 48.1 26.7 80.0
130 62.4 34.3 102.8



#2
Dichlorodifluoromethane
Concen: 0.694 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 85 Resp: 82340
Ion Ratio Lower Upper
85 100
87 27.6 26.7 40.1

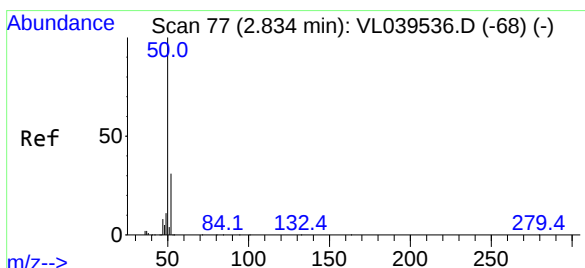
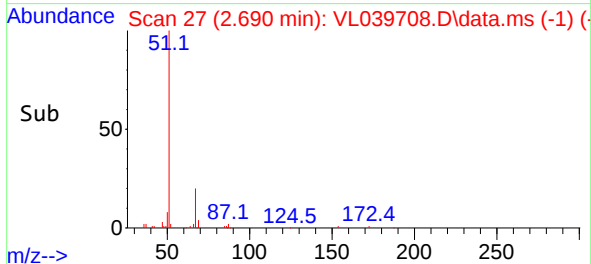
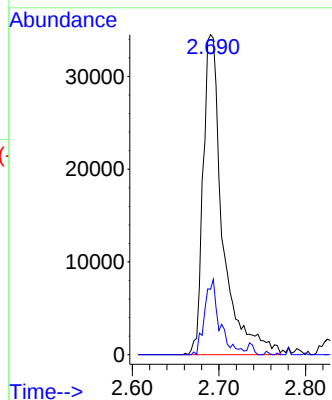
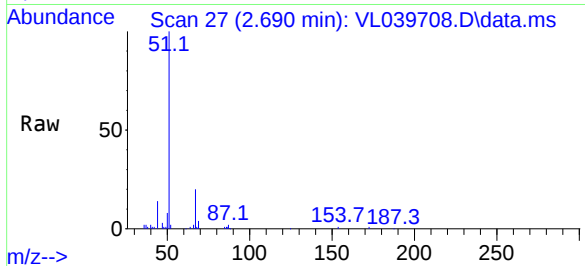




#3
Chlorodifluoromethane
Concen: 0.446 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

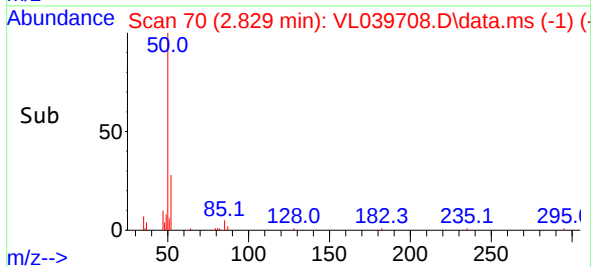
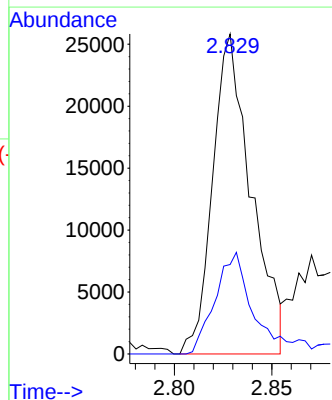
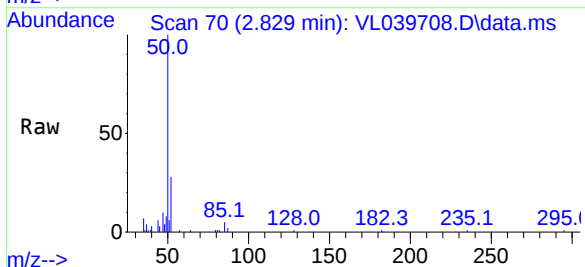
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

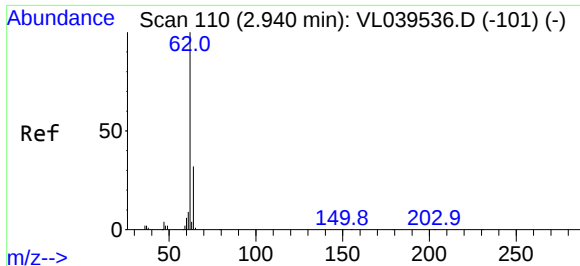
Tgt Ion: 51 Resp: 54219
Ion Ratio Lower Upper
51 100
67 19.2 15.7 23.5



#4
Chloromethane
Concen: 0.485 ppbv
RT: 2.829 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 50 Resp: 35539
Ion Ratio Lower Upper
50 100
52 27.9 26.5 39.7

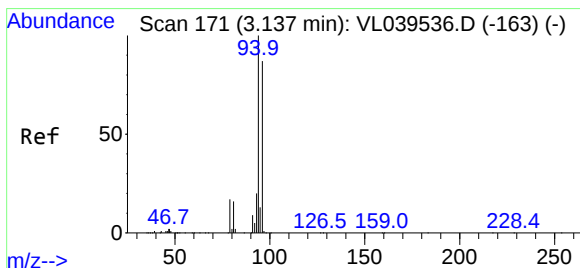
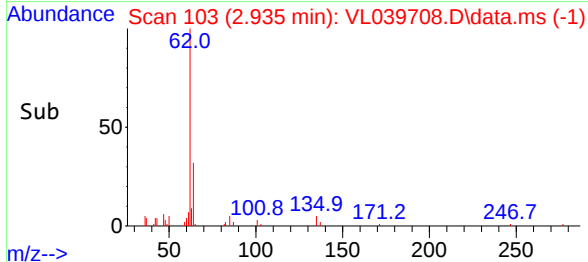
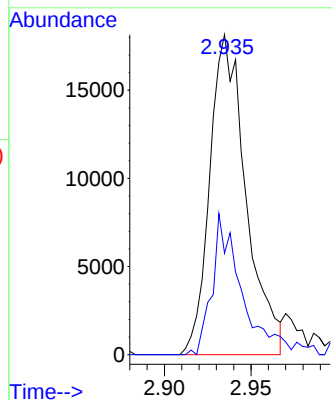
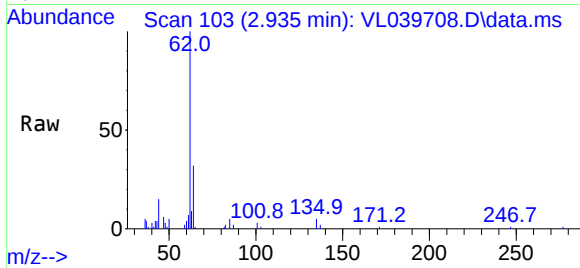




#5
 Vinyl Chloride
 Concen: 0.433 ppbv
 RT: 2.935 min Scan# 103
 Delta R.T. -0.006 min
 Lab File: VL039708.D
 Acq: 10 Oct 2022 23:30

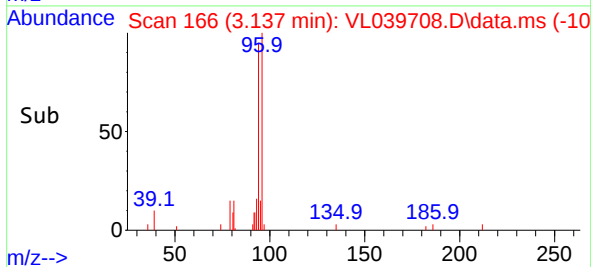
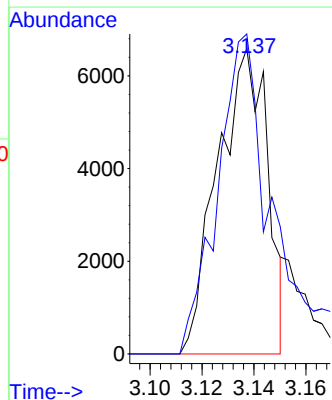
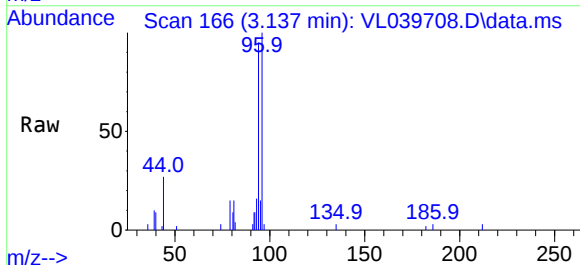
Instrument : MSVOA_L
 ClientSampleId : MDL-AIR-03-QT4-2022DL

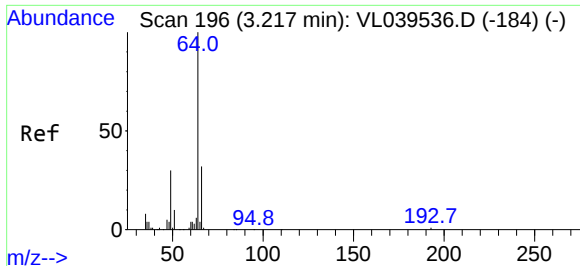
Tgt Ion: 62 Resp: 26440
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.6 36.8



#6
 Bromomethane
 Concen: 0.391 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.001 min
 Lab File: VL039708.D
 Acq: 10 Oct 2022 23:30

Tgt Ion: 94 Resp: 8813
 Ion Ratio Lower Upper
 94 100
 96 104.8 75.6 113.4

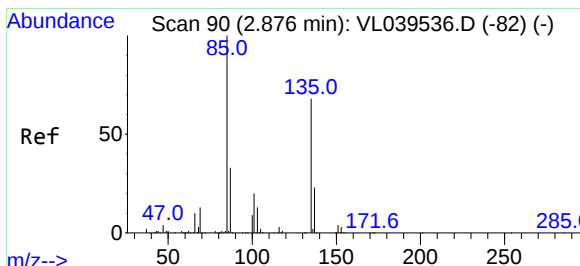
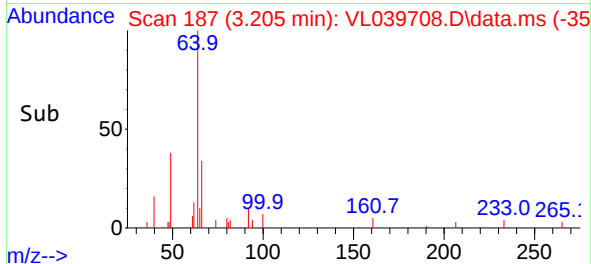
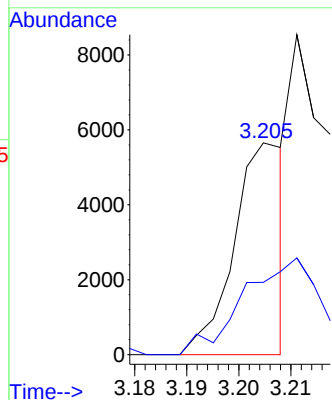
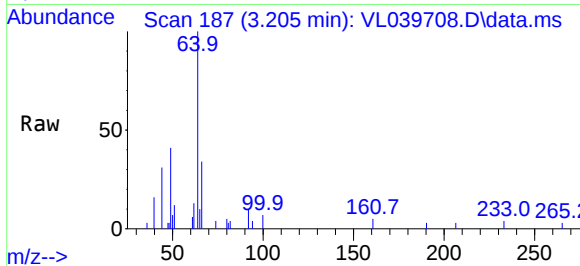




#7
Chloroethane
Concen: 0.172 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.012 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

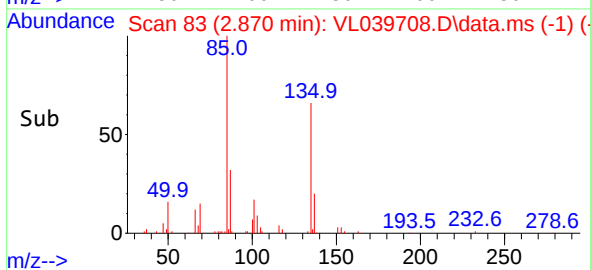
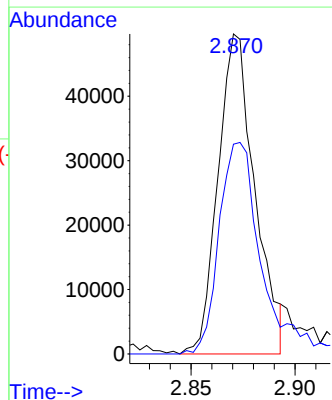
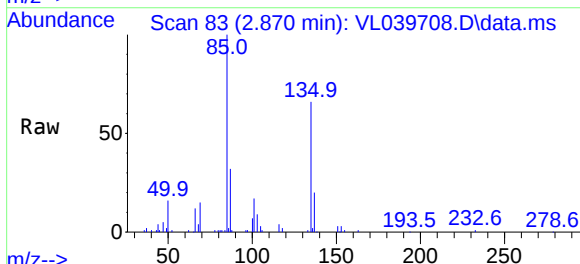
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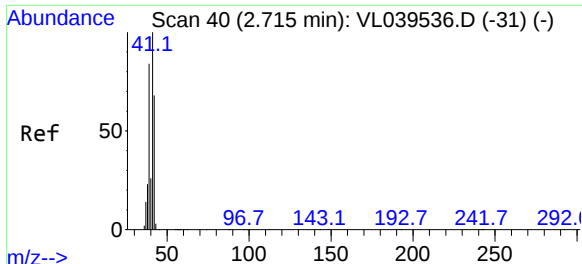
Tgt Ion: 64 Resp: 3834
Ion Ratio Lower Upper
64 100
66 34.1 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 0.430 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 85 Resp: 61149
Ion Ratio Lower Upper
85 100
135 78.4 59.0 88.4





#9

Propene

Concen: 0.201 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.009 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

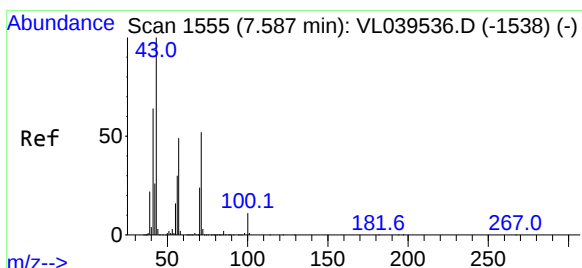
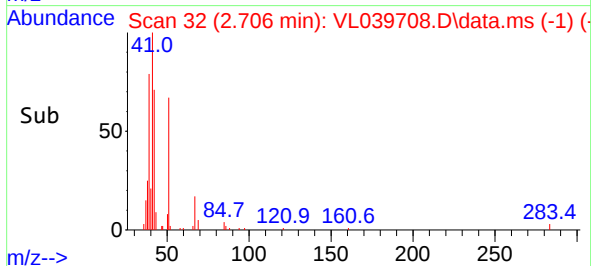
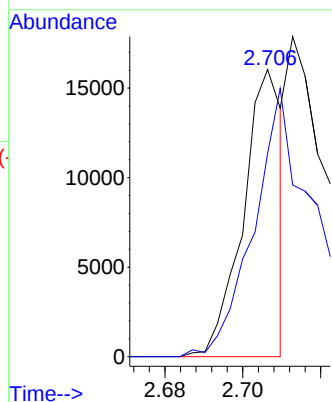
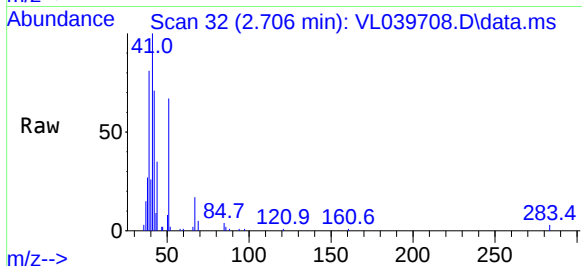
MDL-AIR-03-QT4-2022DL

Tgt Ion: 41 Resp: 11160

Ion Ratio Lower Upper

41 100

42 0.0 55.2 82.8#



#10

Heptane

Concen: 0.235 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.019 min

Lab File: VL039708.D

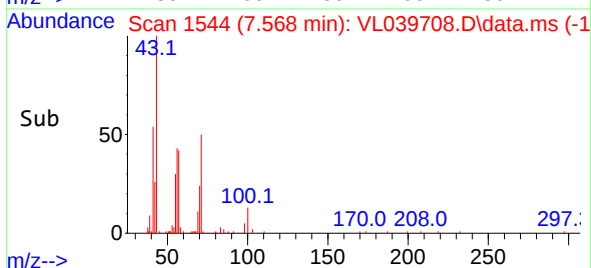
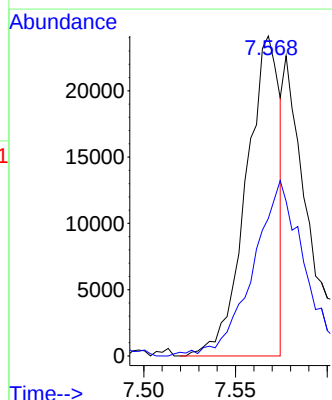
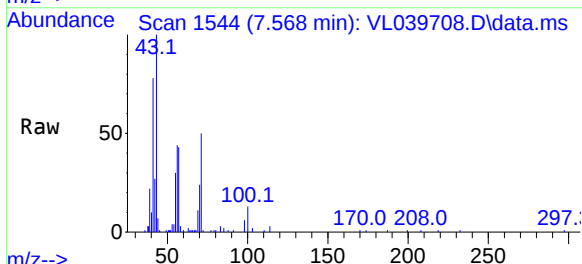
Acq: 10 Oct 2022 23:30

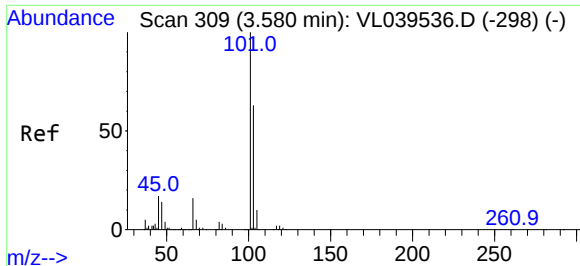
Tgt Ion: 43 Resp: 30476

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#





#11

Trichlorofluoromethane

Concen: 0.385 ppbv

RT: 3.575 min Scan# 309

Delta R.T. -0.006 min

Lab File: VL039708.D

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ClientSampleId :

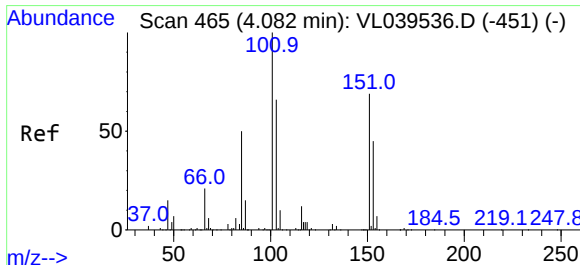
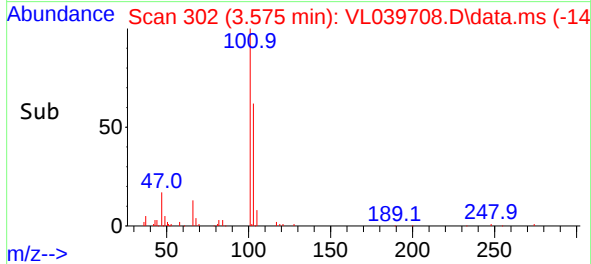
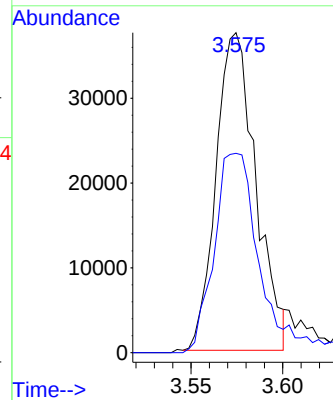
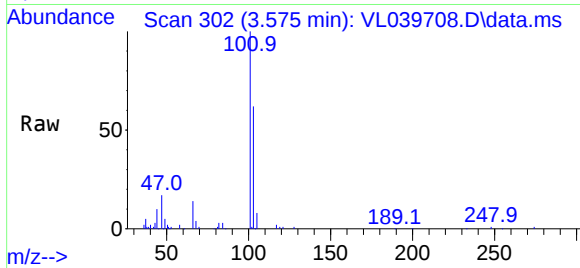
MDL-AIR-03-QT4-2022DL

Tgt Ion:101 Resp: 56562

Ion Ratio Lower Upper

101 100

103 62.8 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.438 ppbv

RT: 4.073 min Scan# 457

Delta R.T. -0.009 min

Lab File: VL039708.D

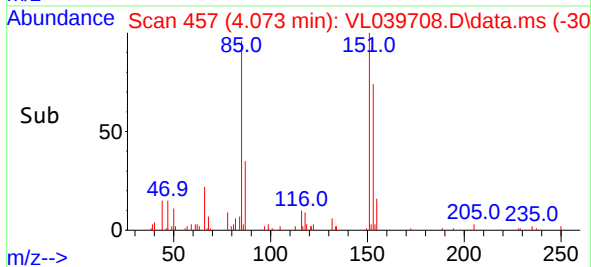
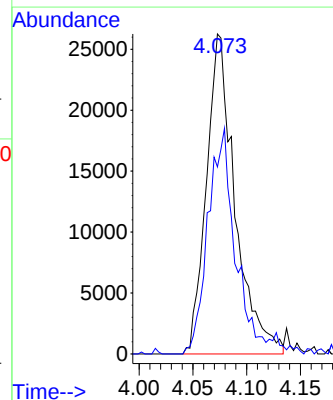
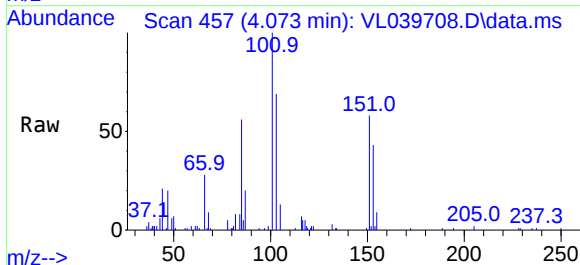
Acq: 10 Oct 2022 23:30

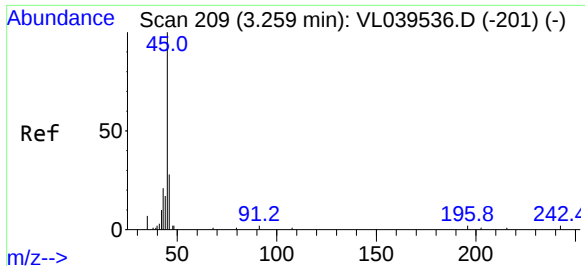
Tgt Ion:101 Resp: 48646

Ion Ratio Lower Upper

101 100

151 69.3 58.9 88.3

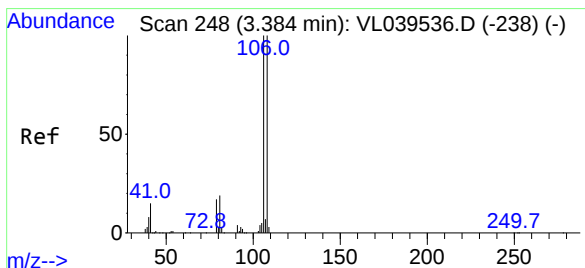
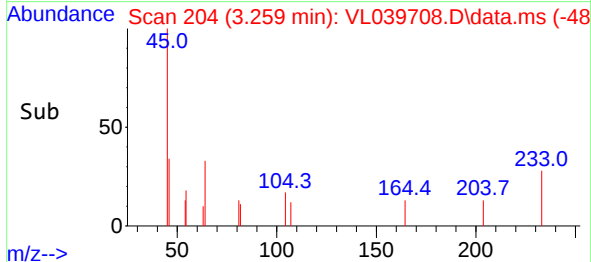
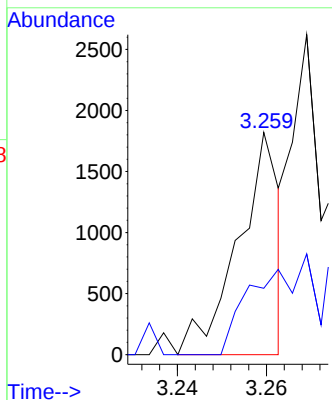
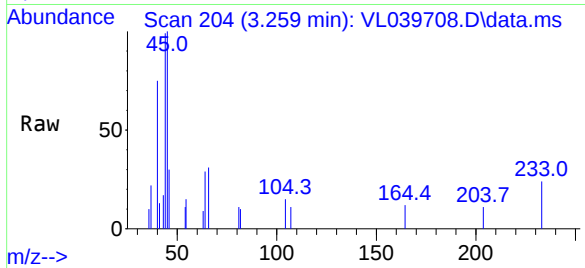




#13
Ethanol
Concen: 0.277 ppbv
RT: 3.259 min Scan# 209
Delta R.T. 0.001 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

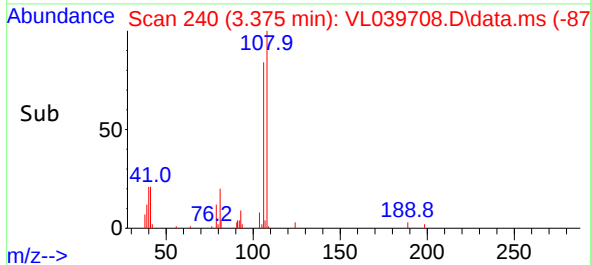
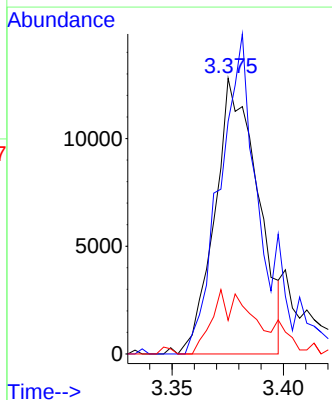
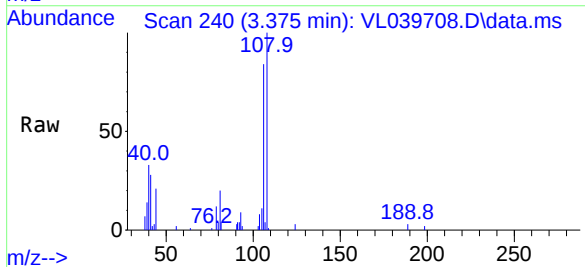
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

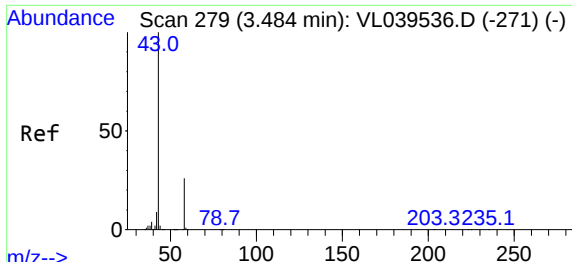
Tgt Ion: 45 Resp: 1170
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#14
Bromoethene
Concen: 0.388 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.009 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 108 Resp: 17185
Ion Ratio Lower Upper
108 100
106 120.6 87.1 130.7
79 26.2 14.6 22.0#

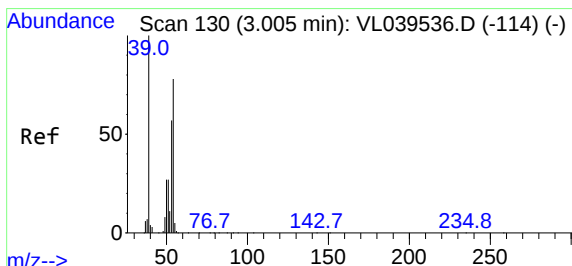
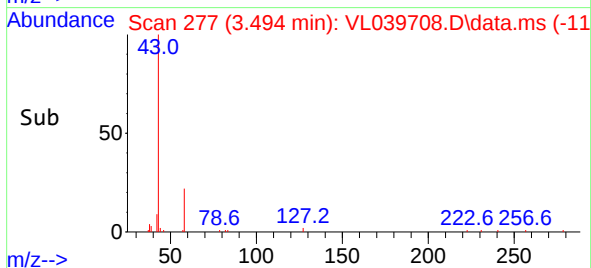
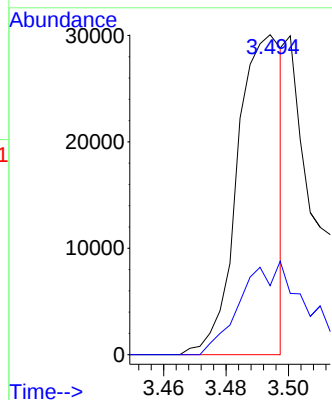
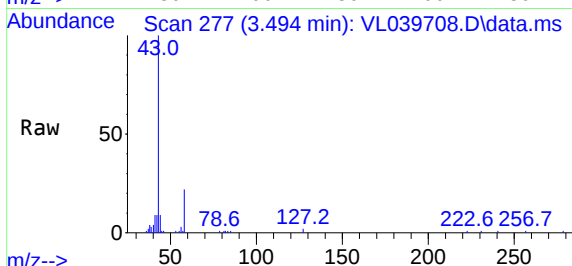




#15
Acetone
Concen: 0.260 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

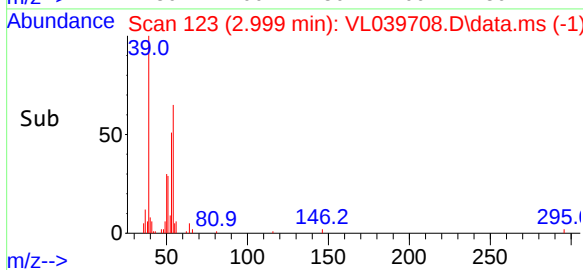
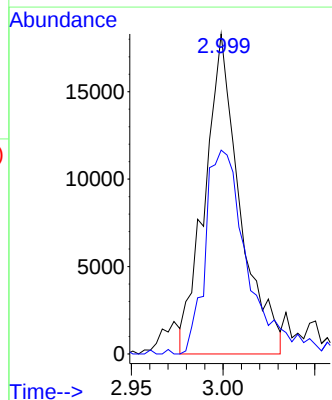
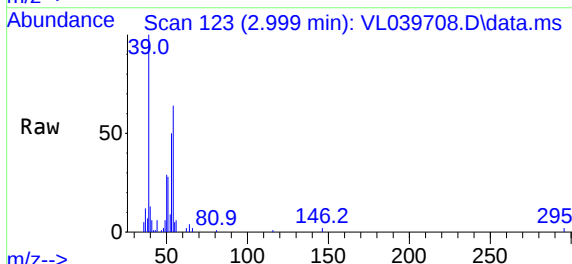
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

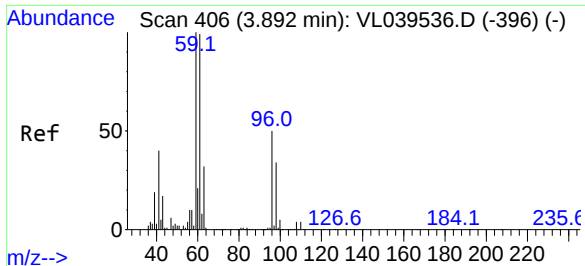
Tgt Ion: 43 Resp: 29654
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.422 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 39 Resp: 24398
Ion Ratio Lower Upper
39 100
54 79.7 63.7 95.5

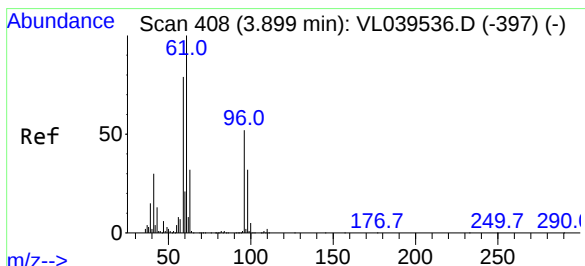
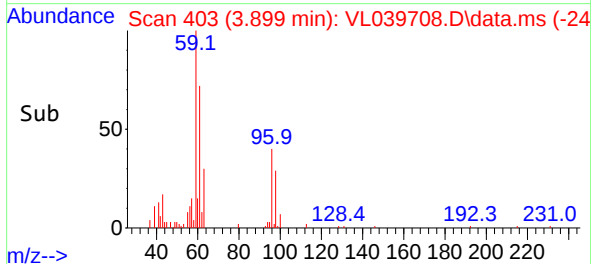
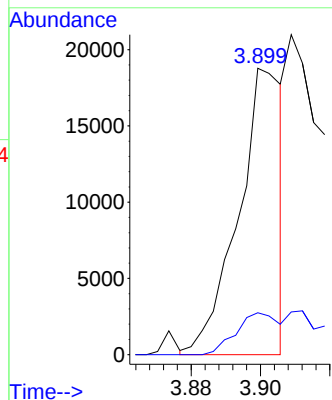
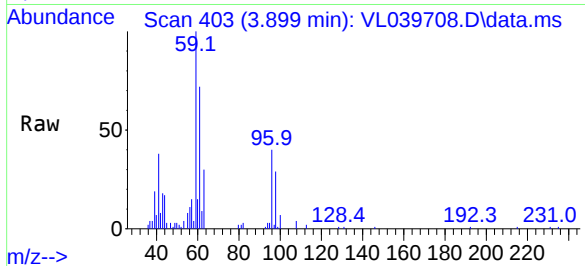




#17
tert-Butyl alcohol
Concen: 0.161 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.007 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

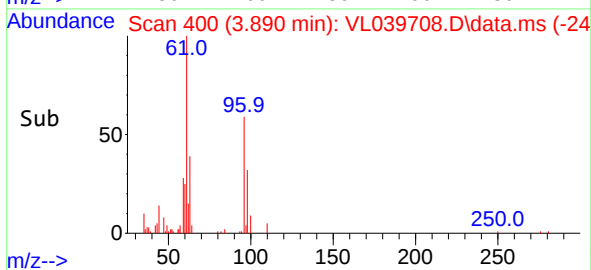
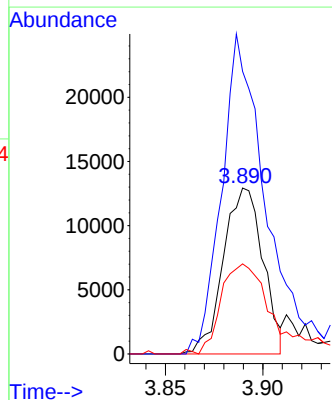
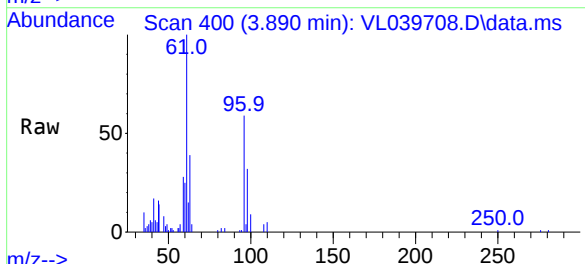
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

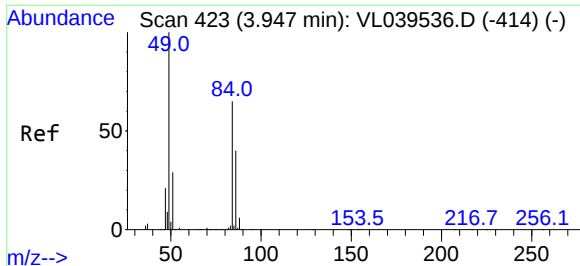
Tgt Ion: 59 Resp: 16485
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#18
1,1-Dichloroethene
Concen: 0.374 ppbv
RT: 3.890 min Scan# 400
Delta R.T. -0.009 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 96 Resp: 18271
Ion Ratio Lower Upper
96 100
61 170.3 152.2 228.4
98 54.3 51.8 77.6



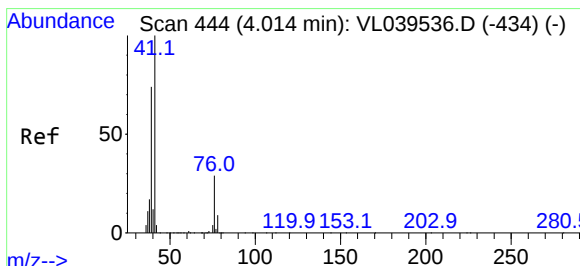
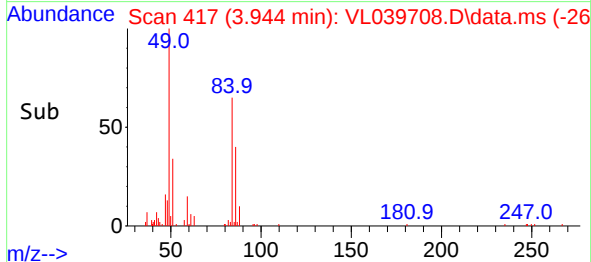
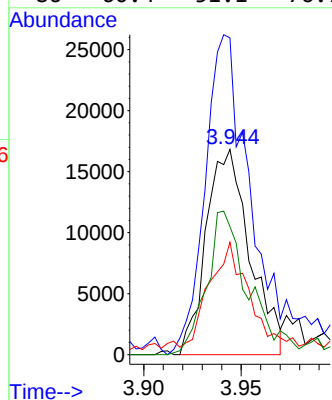
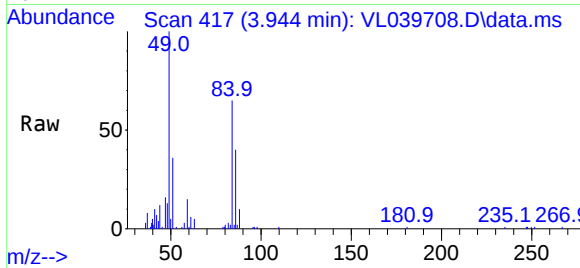


#20
Methylene Chloride
Concen: 0.499 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

Tgt Ion: 84 Resp: 26295

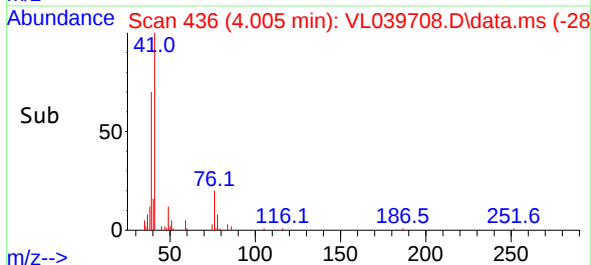
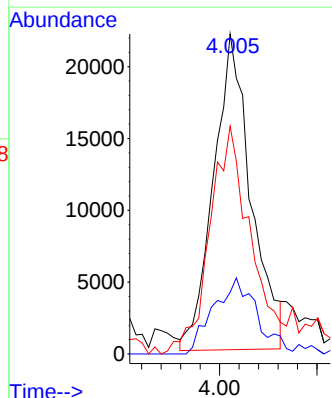
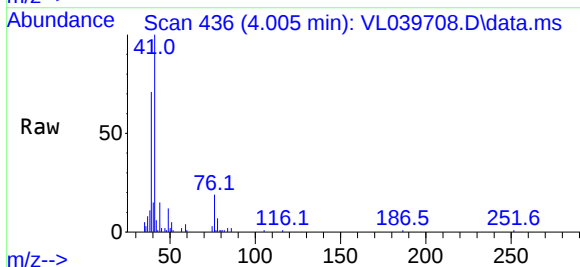
Ion	Ratio	Lower	Upper
84	100		
49	146.2	123.1	184.7
51	51.2	34.4	51.6
86	60.4	51.1	76.7

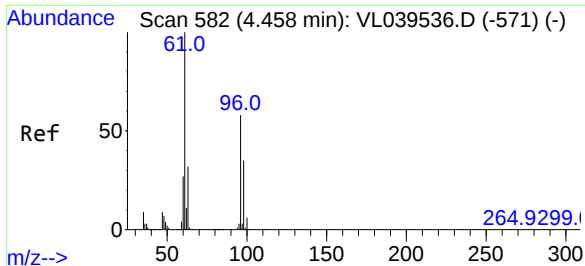


#21
Allyl Chloride
Concen: 0.379 ppbv
RT: 4.005 min Scan# 436
Delta R.T. -0.009 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 41 Resp: 29356

Ion	Ratio	Lower	Upper
41	100		
76	29.2	24.4	36.6
39	94.1	63.5	95.3

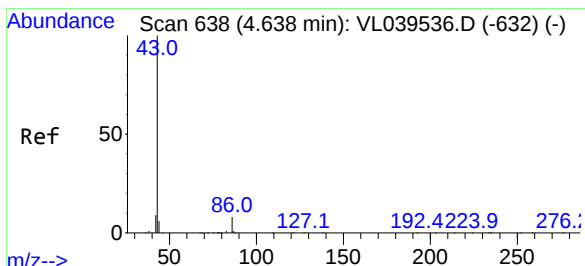
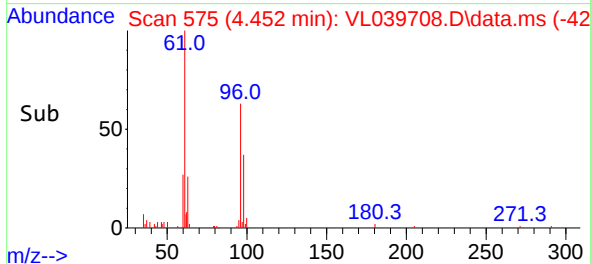
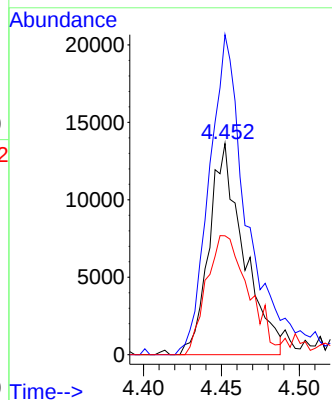
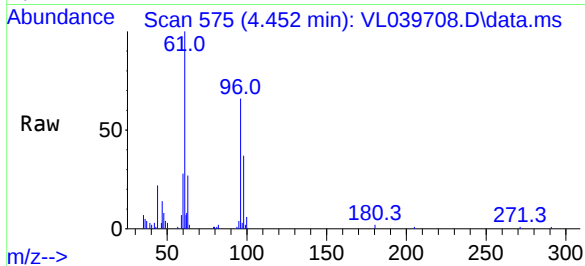




#22
trans-1,2-Dichloroethene
Concen: 0.437 ppbv
RT: 4.452 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

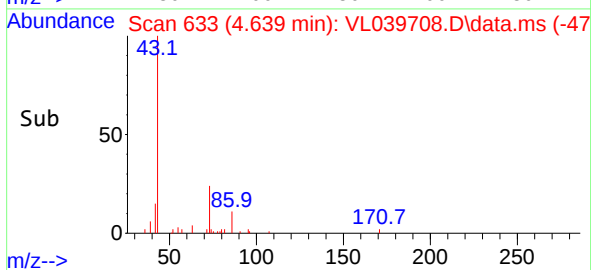
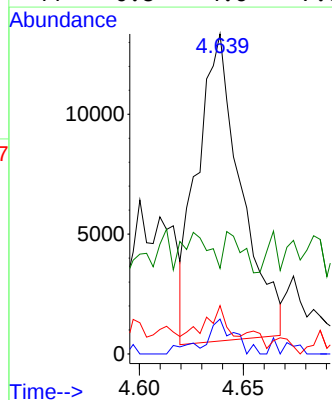
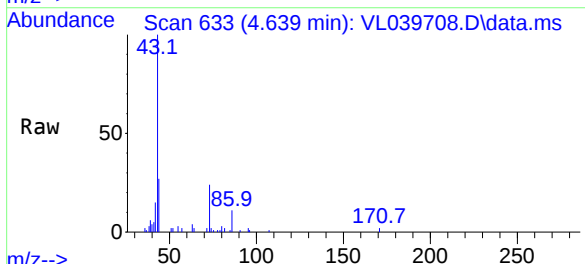
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

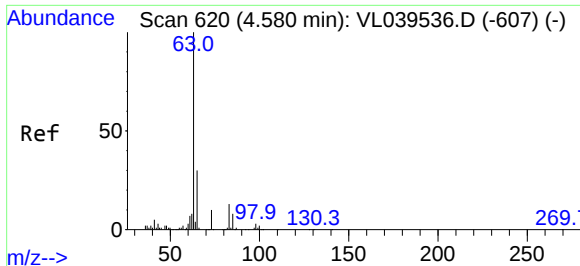
Tgt Ion: 96 Resp: 21098
Ion Ratio Lower Upper
96 100
61 159.6 130.6 195.8
98 56.3 53.4 80.0



#23
Vinyl Acetate
Concen: 0.363 ppbv
RT: 4.639 min Scan# 633
Delta R.T. 0.001 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 43 Resp: 18671
Ion Ratio Lower Upper
43 100
86 12.9 5.0 7.6#
42 11.9 7.7 11.5#
44 0.8 4.6 7.0#

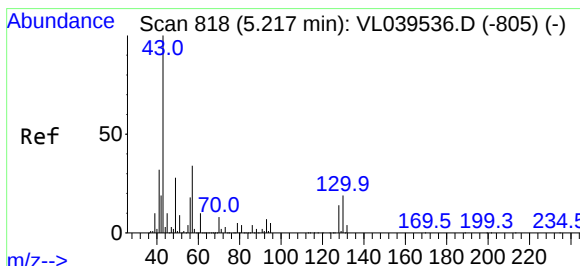
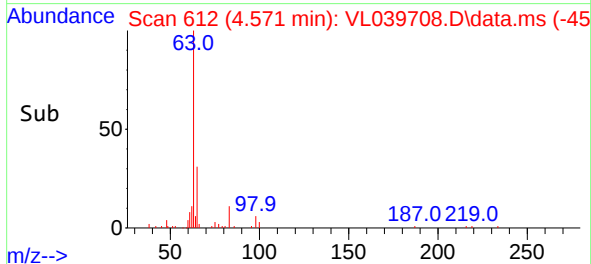
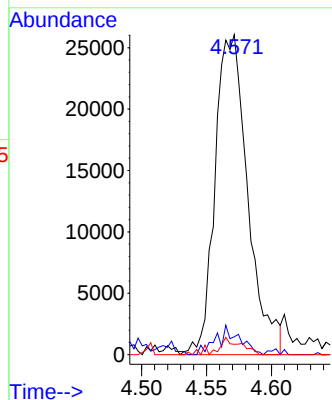
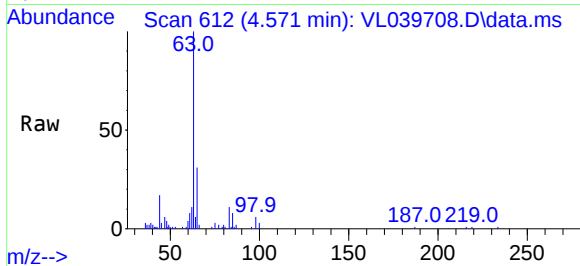




#24
1,1-Dichloroethane
Concen: 0.445 ppbv
RT: 4.571 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

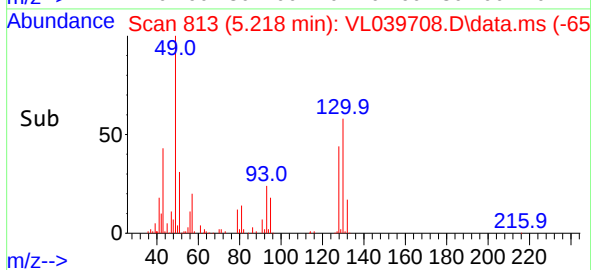
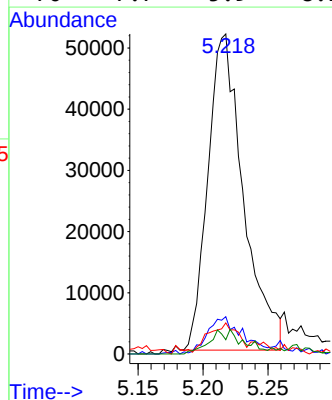
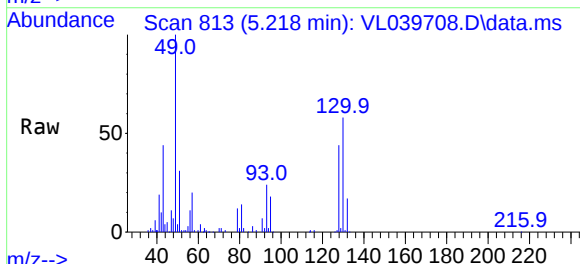
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

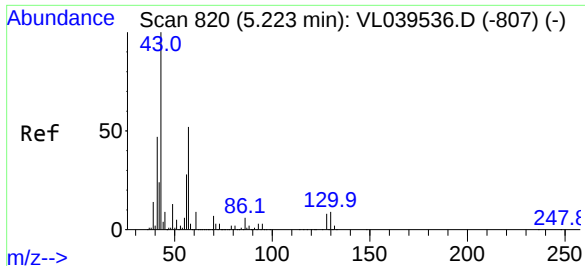
Tgt Ion: 63 Resp: 45601
Ion Ratio Lower Upper
63 100
98 5.6 1.8 5.3#
100 3.2 1.5 4.4



#25
Ethyl Acetate
Concen: 0.395 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.001 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 43 Resp: 98177
Ion Ratio Lower Upper
43 100
45 14.5 8.2 12.4#
61 12.2 8.3 12.5
70 7.7 5.9 8.9



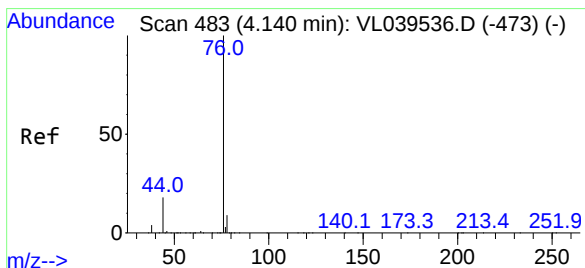
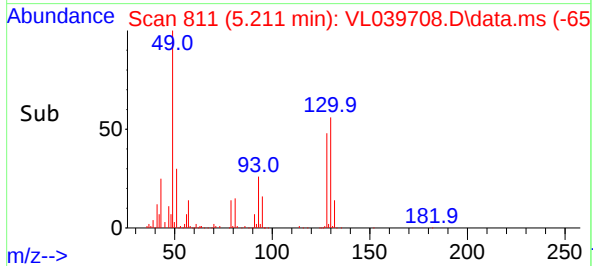
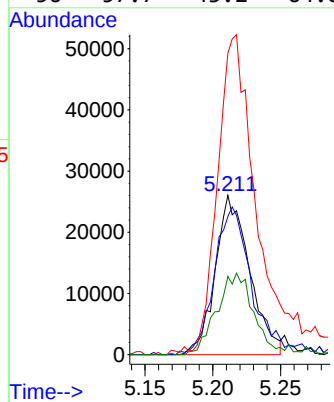
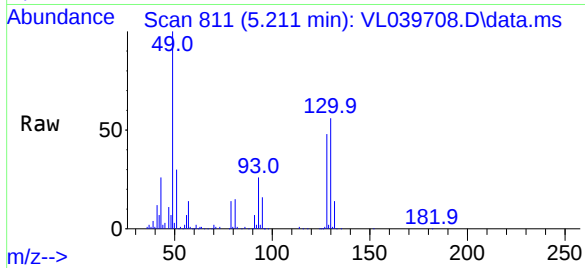


#26
Hexane
Concen: 0.435 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.012 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

Tgt Ion: 57 Resp: 45886

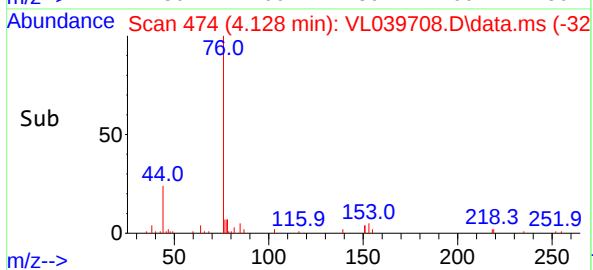
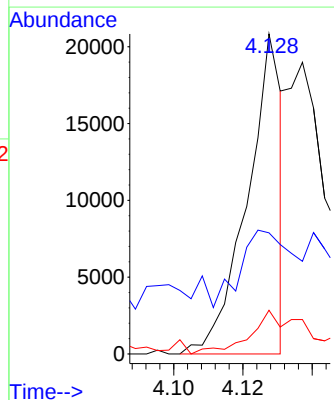
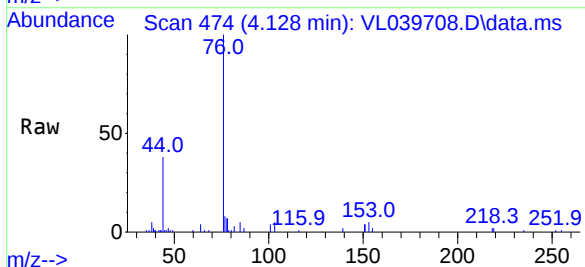
Ion	Ratio	Lower	Upper
57	100		
41	105.6	76.9	115.3
43	250.6	191.0	286.6
56	57.7	43.2	64.8

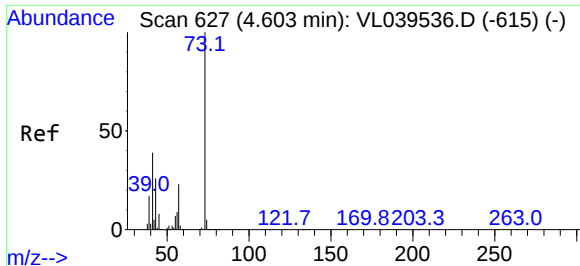


#27
Carbon Disulfide
Concen: 0.131 ppbv
RT: 4.128 min Scan# 474
Delta R.T. -0.012 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 76 Resp: 14501

Ion	Ratio	Lower	Upper
76	100		
44	69.6	14.6	21.8#
78	30.7	7.8	11.6#





#28

Methyl tert-Butyl Ether

Concen: 0.396 ppbv

RT: 4.603 min Scan# 61

Delta R.T. 0.001 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

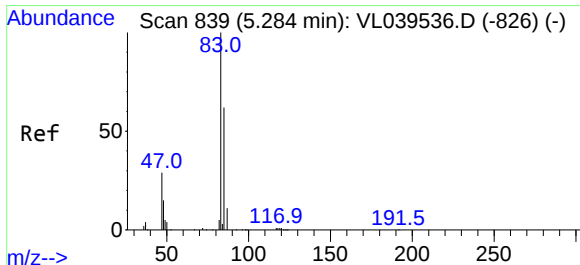
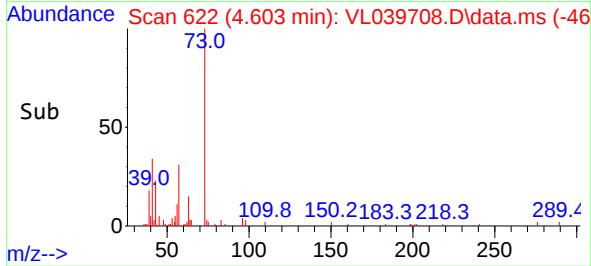
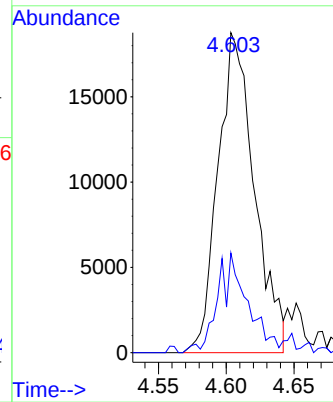
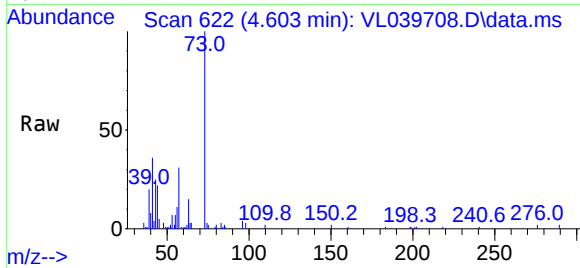
MDL-AIR-03-QT4-2022DL

Tgt Ion: 73 Resp: 35034

Ion Ratio Lower Upper

73 100

57 29.1 19.8 29.8



#29

Chloroform

Concen: 0.411 ppbv

RT: 5.272 min Scan# 830

Delta R.T. -0.012 min

Lab File: VL039708.D

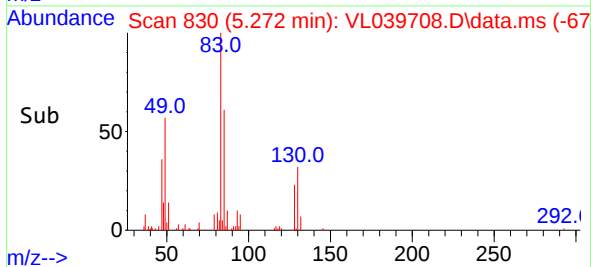
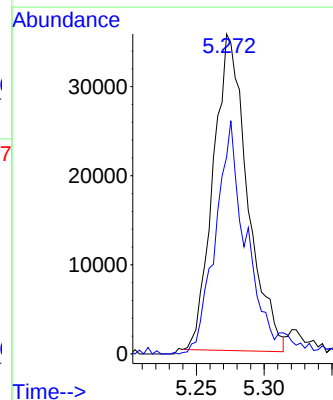
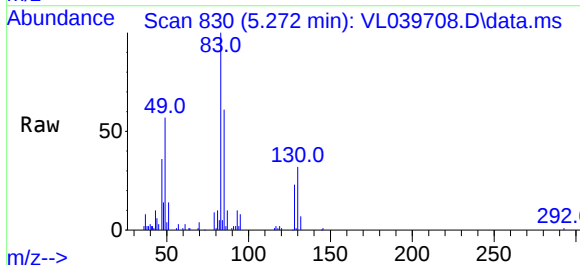
Acq: 10 Oct 2022 23:30

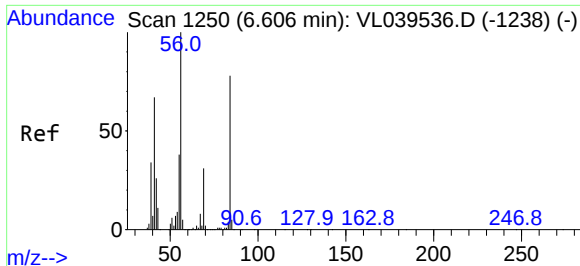
Tgt Ion: 83 Resp: 62450

Ion Ratio Lower Upper

83 100

85 61.8 52.8 79.2





#30

Cyclohexane

Concen: 0.130 ppbv

RT: 6.590 min Scan# 11

Delta R.T. -0.015 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2022DL

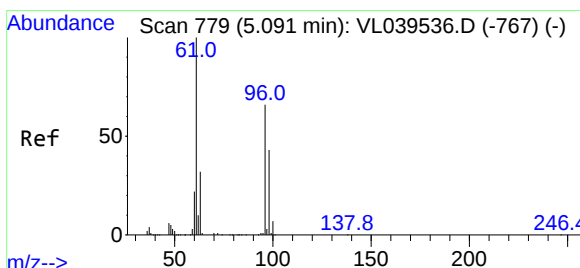
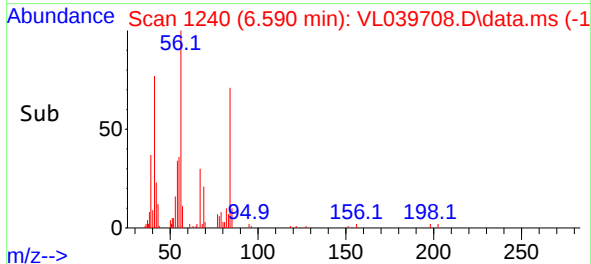
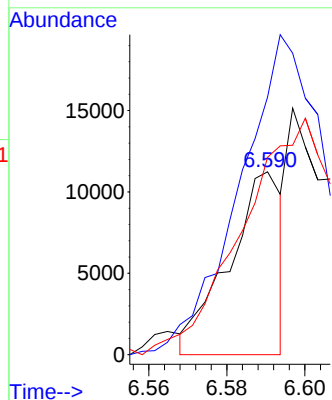
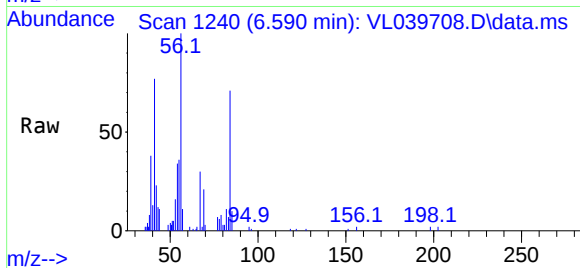
Tgt Ion: 84 Resp: 10587

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: 0.349 ppbv

RT: 5.079 min Scan# 770

Delta R.T. -0.012 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

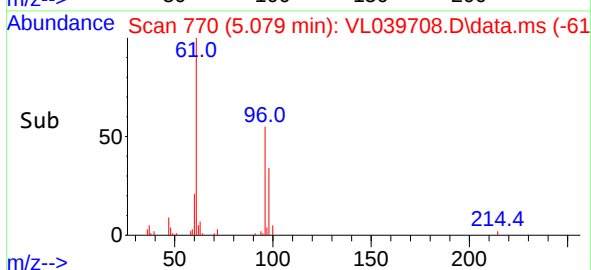
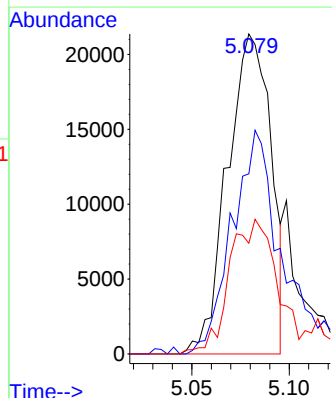
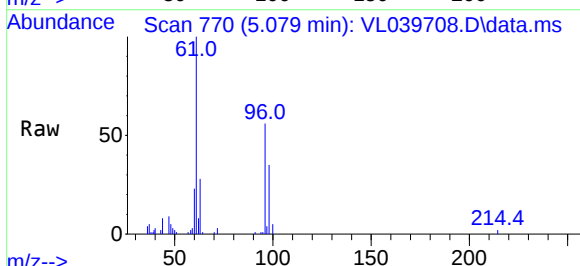
Tgt Ion: 61 Resp: 33250

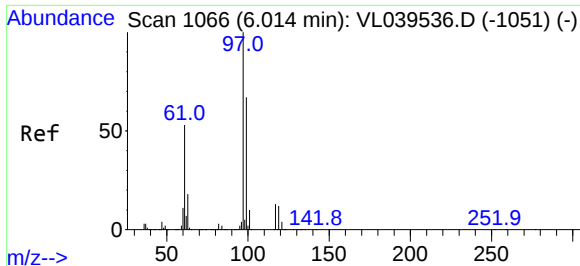
Ion Ratio Lower Upper

61 100

96 56.3 54.1 81.1

98 34.6 34.6 52.0#



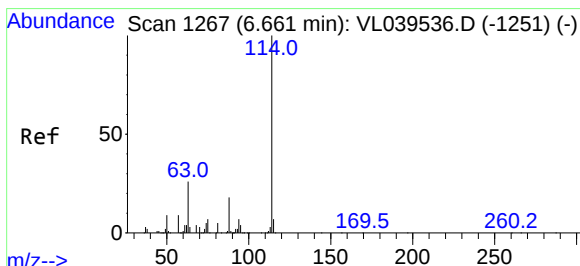
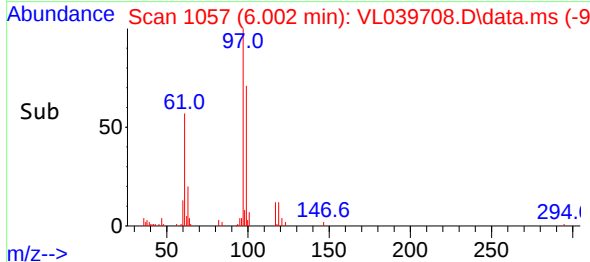
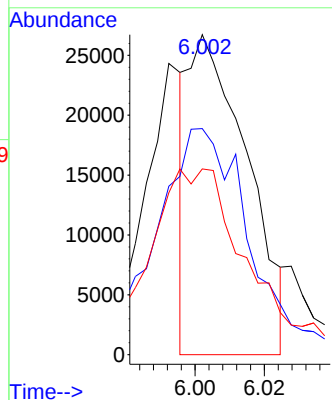
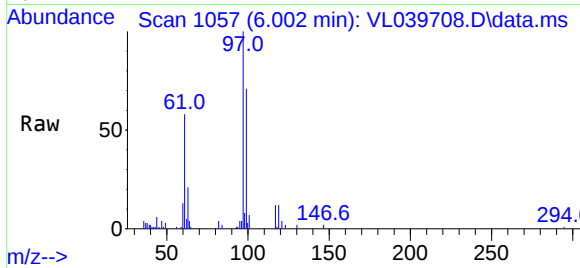


#32
 1,1,1-Trichloroethane
 Concen: 0.228 ppbv
 RT: 6.002 min Scan# 1066
 Delta R.T. -0.012 min
 Lab File: VL039708.D
 Acq: 10 Oct 2022 23:30

Instrument : MSVOA_L
 ClientSampleId : MDL-AIR-03-QT4-2022DL

Tgt Ion: 97 Resp: 31363

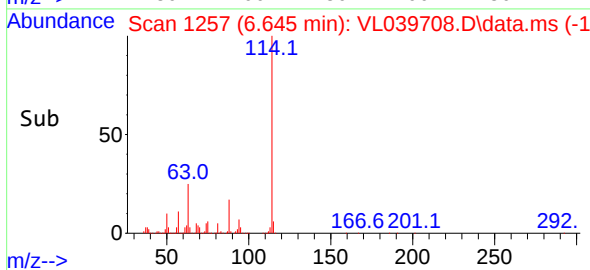
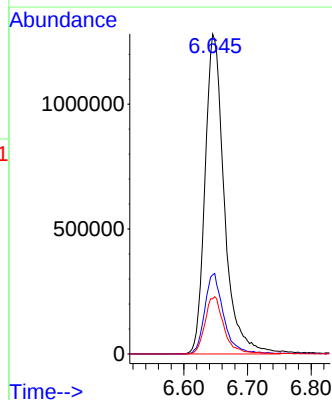
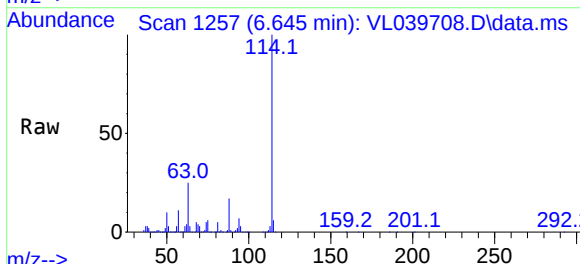
Ion	Ratio	Lower	Upper
97	100		
99	119.7	52.3	78.5#
61	106.1	40.9	61.3#

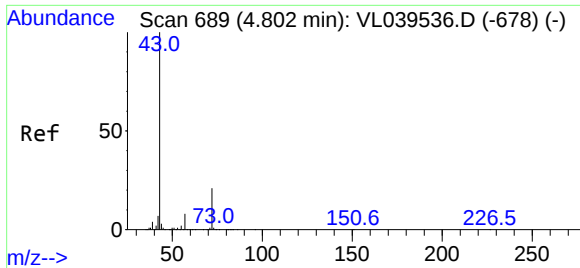


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.645 min Scan# 1257
 Delta R.T. -0.015 min
 Lab File: VL039708.D
 Acq: 10 Oct 2022 23:30

Tgt Ion: 114 Resp: 2697529

Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.2	30.4
88	17.9	14.5	21.7

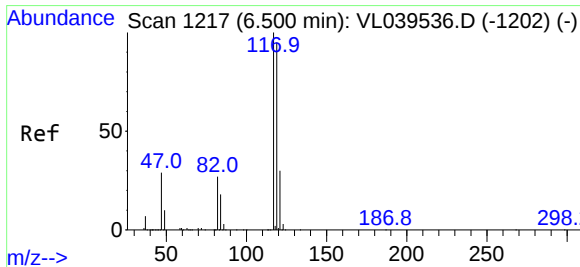
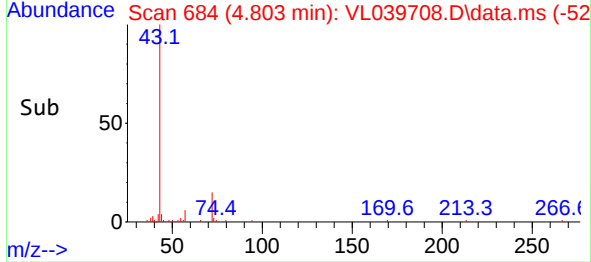
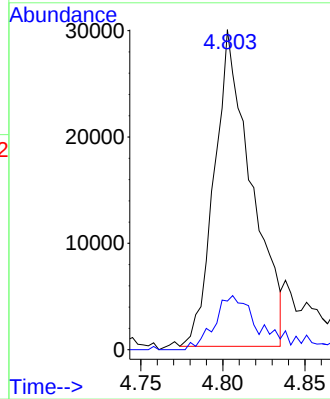
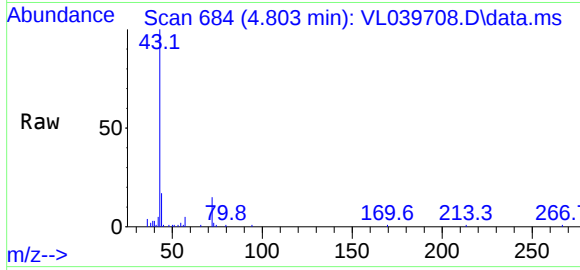




#34
2-Butanone
Concen: 0.354 ppbv
RT: 4.803 min Scan# 61
Delta R.T. 0.001 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

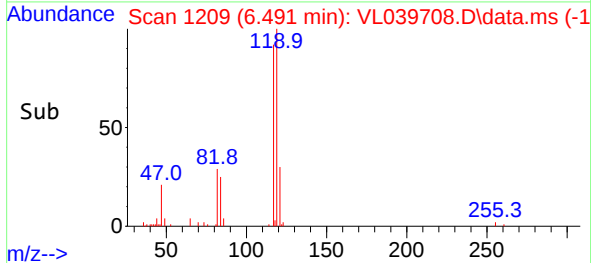
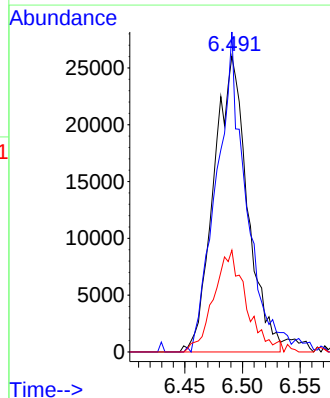
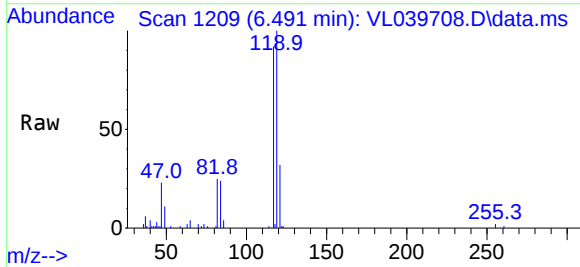
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

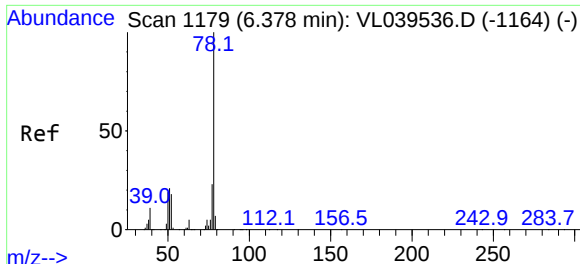
Tgt Ion: 43 Resp: 46905
Ion Ratio Lower Upper
43 100
72 23.0 17.9 26.9



#35
Carbon Tetrachloride
Concen: 0.368 ppbv
RT: 6.491 min Scan# 1209
Delta R.T. -0.009 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 117 Resp: 52670
Ion Ratio Lower Upper
117 100
119 108.2 75.4 113.2
121 34.4 24.2 36.2





#36

Benzene

Concen: 0.398 ppbv

RT: 6.362 min Scan# 1169

Delta R.T. -0.015 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2022DL

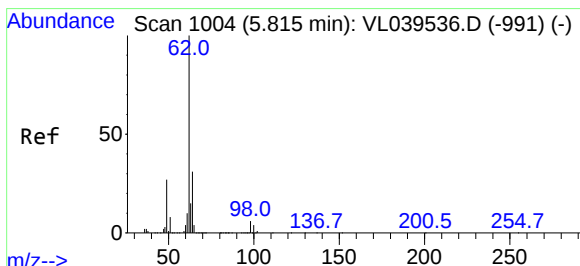
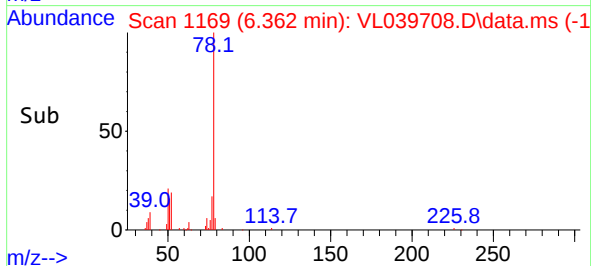
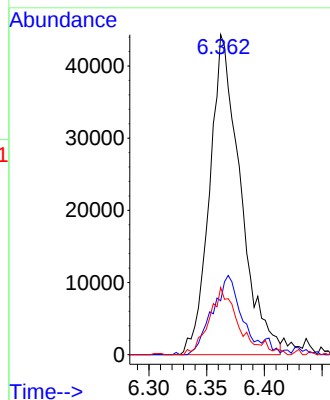
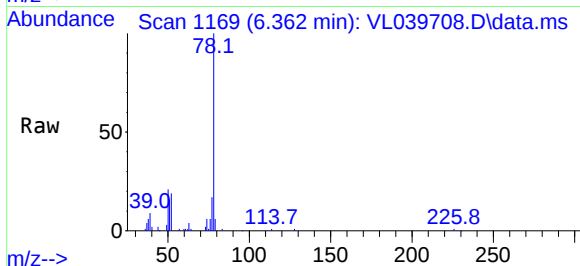
Tgt Ion: 78 Resp: 82103

Ion Ratio Lower Upper

78 100

77 16.9 20.3 30.5#

50 21.0 15.5 23.3



#37

1,2-Dichloroethane

Concen: 0.239 ppbv

RT: 5.806 min Scan# 996

Delta R.T. -0.009 min

Lab File: VL039708.D

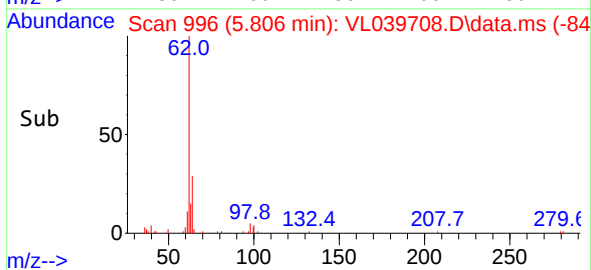
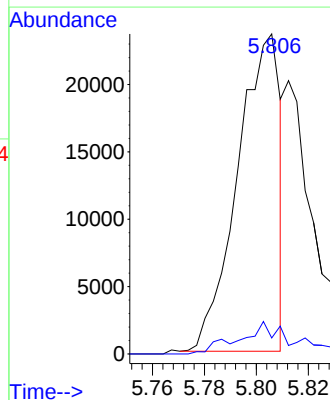
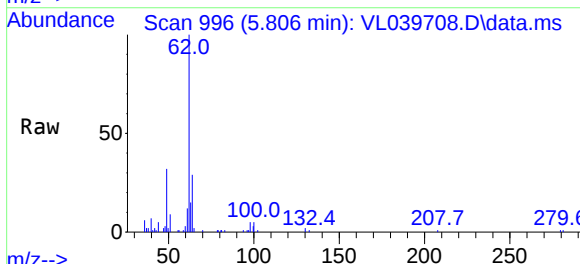
Acq: 10 Oct 2022 23:30

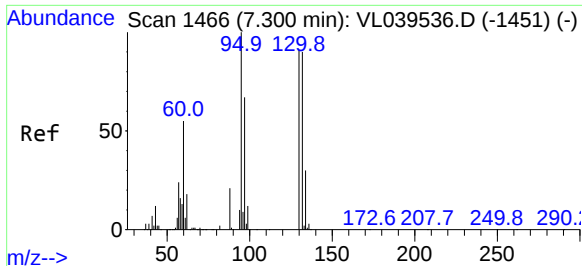
Tgt Ion: 62 Resp: 26792

Ion Ratio Lower Upper

62 100

98 13.8 5.1 7.7#

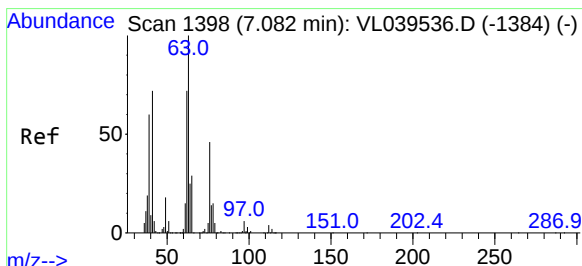
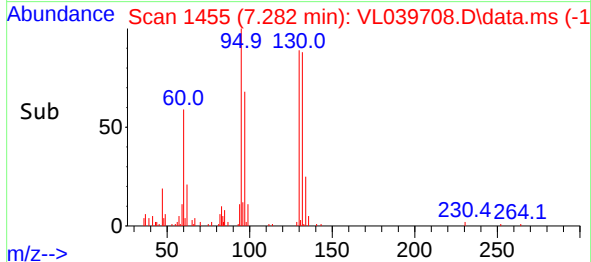
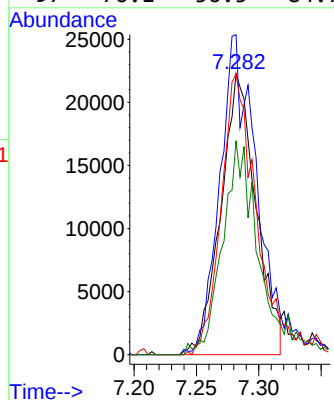
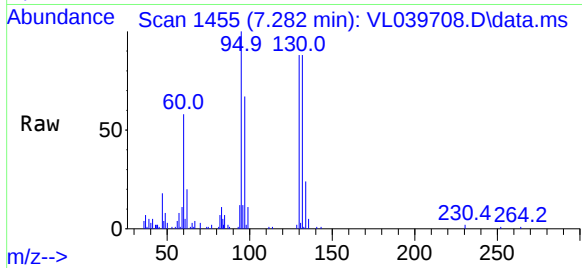




#38
Trichloroethene
Concen: 0.392 ppbv
RT: 7.282 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

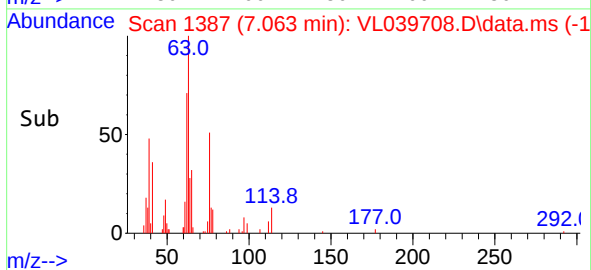
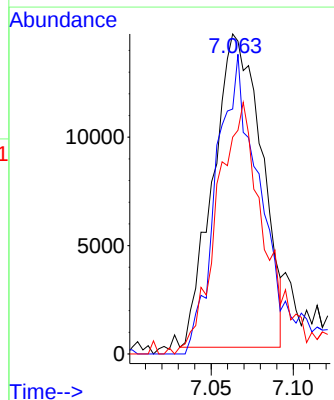
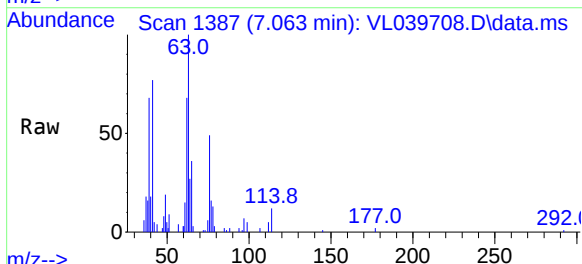
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2022DL

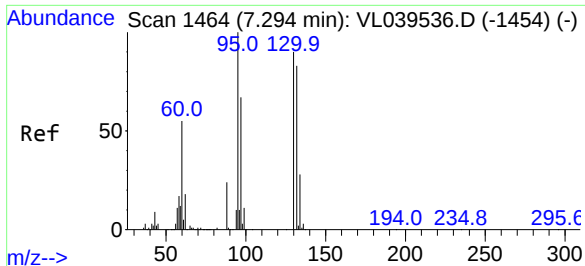
Tgt Ion:130	Resp:	43694
Ion	Ratio	Lower Upper
130	100	
95	113.9	87.3 130.9
132	99.9	76.7 115.1
97	76.1	56.5 84.7



#39
1,2-Dichloropropane
Concen: 0.373 ppbv
RT: 7.063 min Scan# 1387
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 63	Resp:	29687
Ion	Ratio	Lower Upper
63	100	
41	78.2	59.6 89.4
62	67.0	51.4 77.0

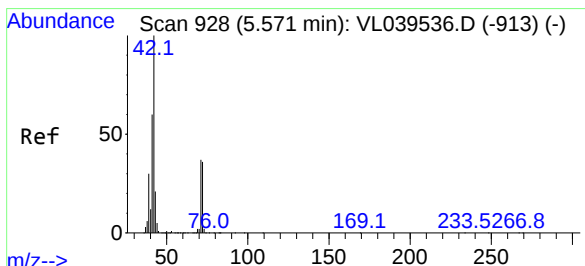
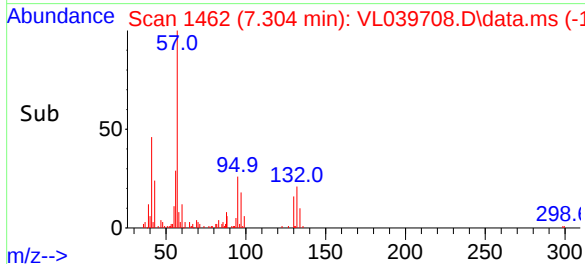
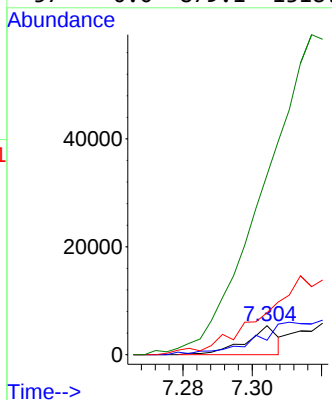
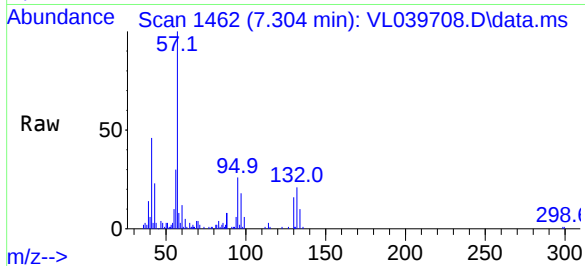




#40
1,4-Dioxane
Concen: 0.106 ppbv
RT: 7.304 min Scan# 1464
Delta R.T. 0.010 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

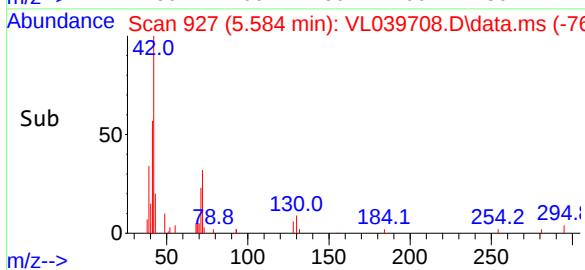
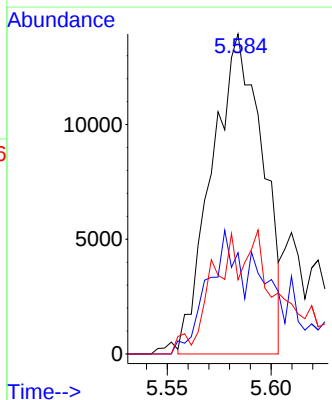
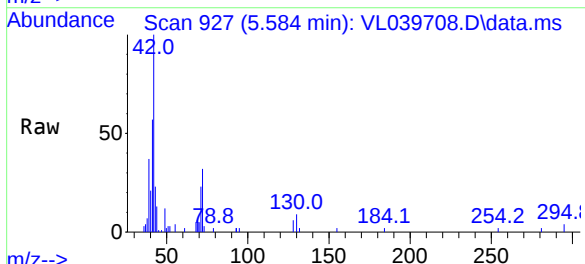
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

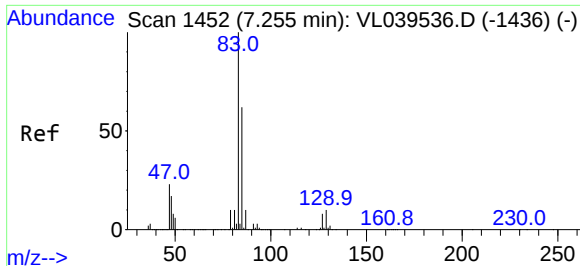
Tgt Ion: 88 Resp: 3446
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#



#41
Tetrahydrofuran
Concen: 0.292 ppbv
RT: 5.584 min Scan# 927
Delta R.T. 0.014 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 42 Resp: 23730
Ion Ratio Lower Upper
42 100
72 48.8 31.8 47.8#
71 53.8 31.8 47.8#

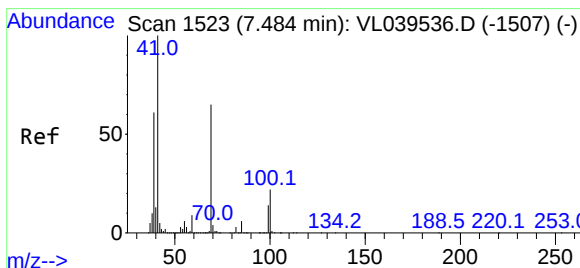
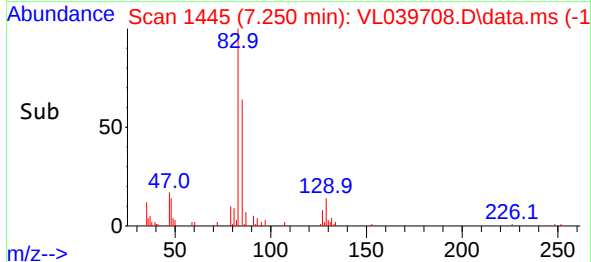
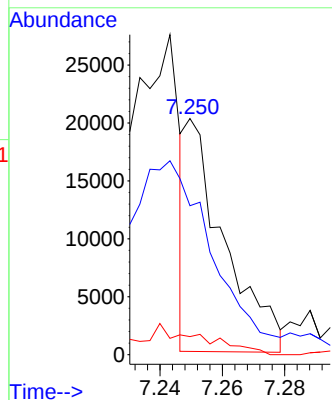
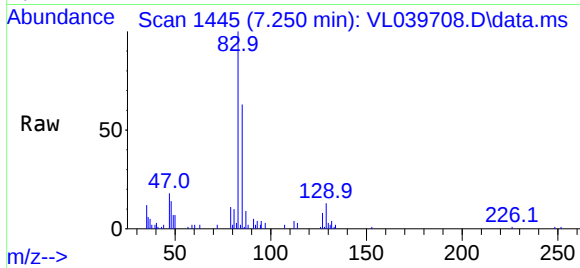




#42
Bromodichloromethane
Concen: 0.110 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

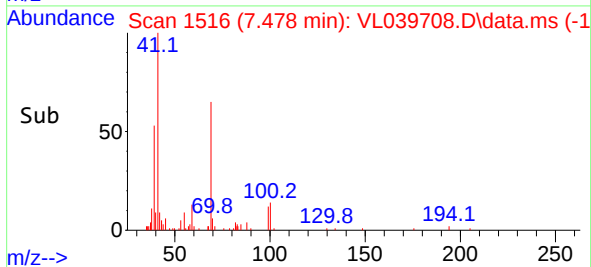
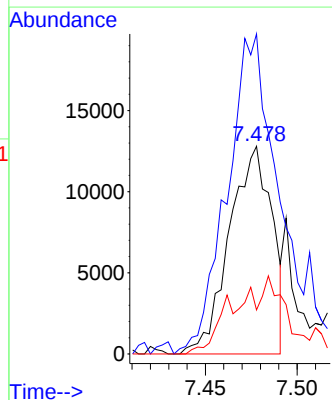
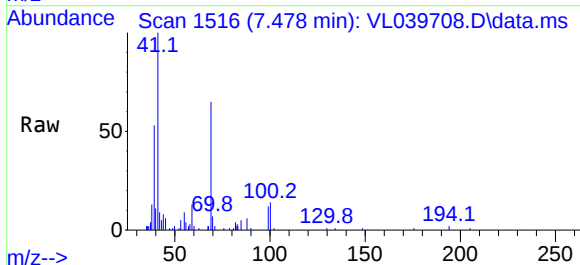
Instrument : MSVOA_1
ClientSampleId : MDL-AIR-03-QT4-2022DL

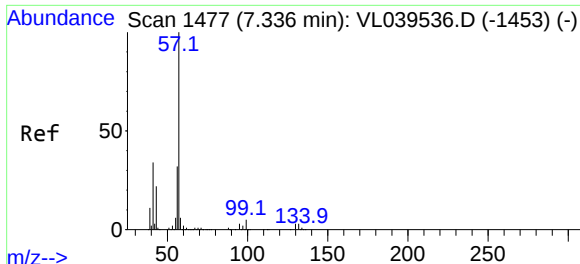
Tgt Ion: 83 Resp: 17223
Ion Ratio Lower Upper
83 100
85 62.3 50.7 76.1
127 8.6 6.6 9.8



#43
Methyl Methacrylate
Concen: 0.275 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 69 Resp: 20641
Ion Ratio Lower Upper
69 100
41 203.8 120.8 181.2#
100 47.6 27.8 41.6#





#44

2,2,4-Trimethylpentane

Concen: 0.392 ppbv

RT: 7.324 min Scan# 1477

Delta R.T. -0.012 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2022DL

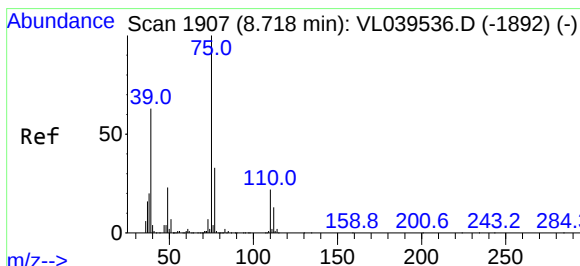
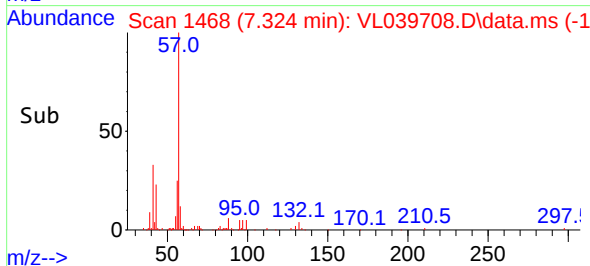
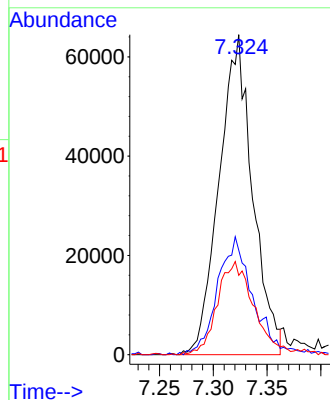
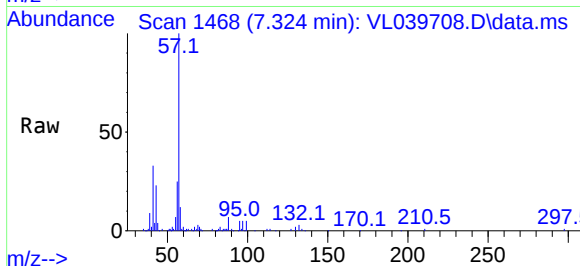
Tgt Ion: 57 Resp: 139244

Ion Ratio Lower Upper

57 100

41 39.2 27.4 41.2

56 32.5 24.5 36.7



#45

t-1,3-Dichloropropene

Concen: 0.040 ppbv

RT: 8.700 min Scan# 1896

Delta R.T. -0.019 min

Lab File: VL039708.D

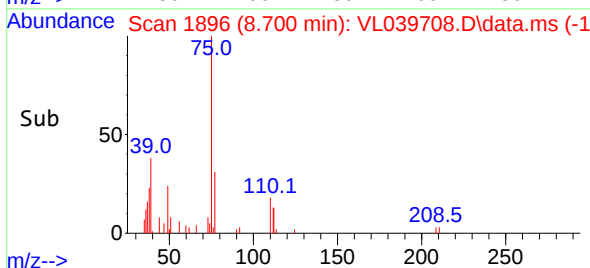
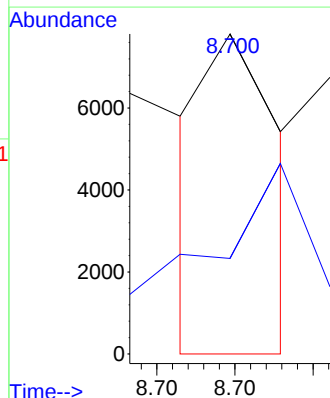
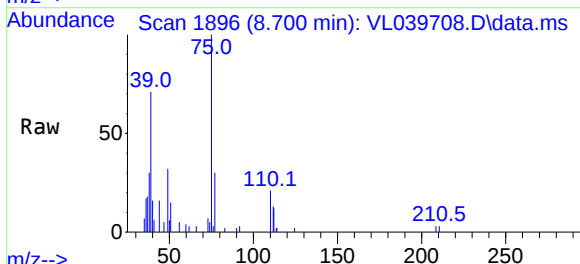
Acq: 10 Oct 2022 23:30

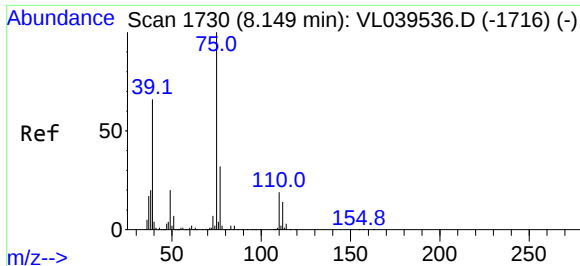
Tgt Ion: 75 Resp: 2547

Ion Ratio Lower Upper

75 100

77 29.9 24.6 36.8

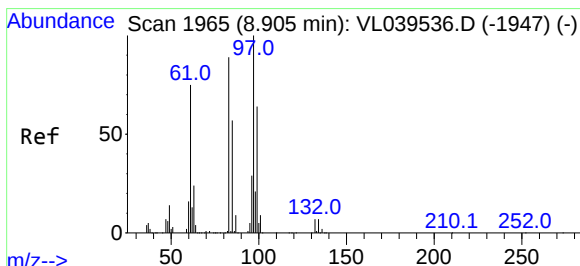
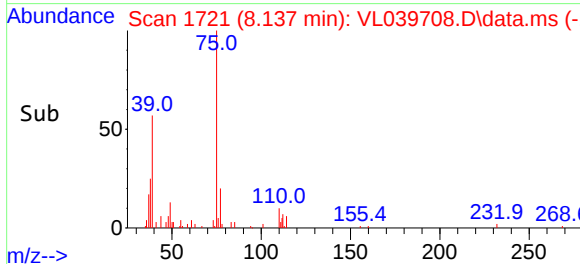
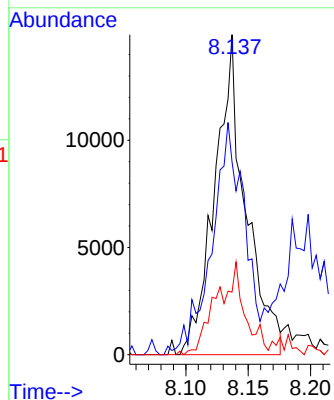
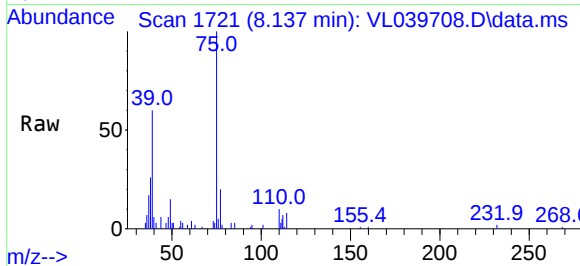




#46
cis-1,3-Dichloropropene
Concen: 0.284 ppbv
RT: 8.137 min Scan# 1
Delta R.T. -0.012 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

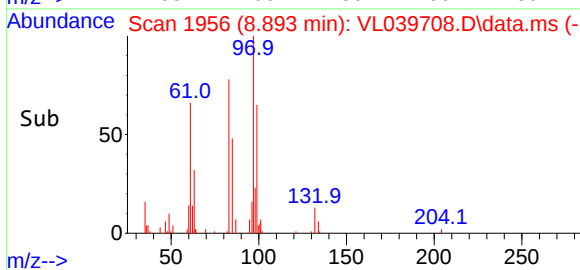
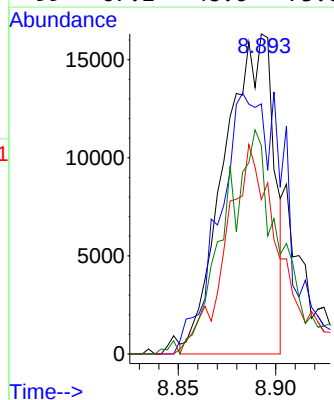
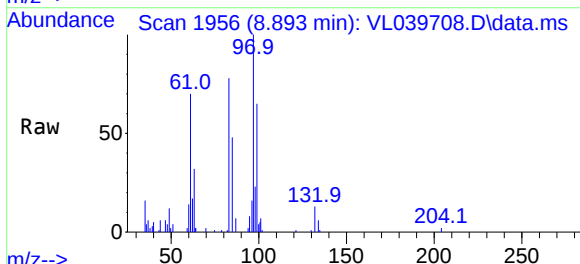
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

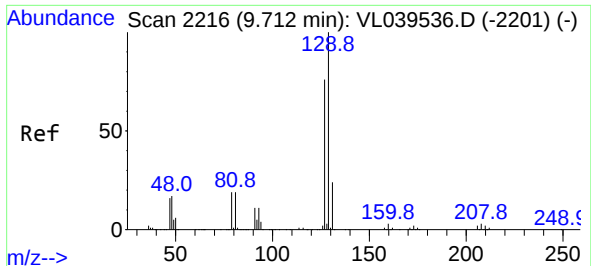
Tgt Ion: 75 Resp: 25698
Ion Ratio Lower Upper
75 100
39 56.8 55.0 82.4
77 18.4 25.7 38.5#



#47
1,1,2-Trichloroethane
Concen: 0.331 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. -0.012 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 97 Resp: 28833
Ion Ratio Lower Upper
97 100
83 76.4 67.4 101.0
85 48.2 45.1 67.7
99 67.2 48.6 73.0





#48

Dibromochloromethane

Concen: 0.301 ppbv

RT: 9.693 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

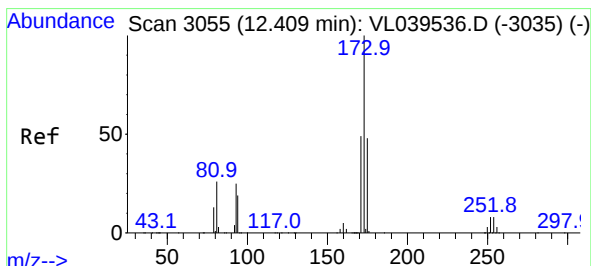
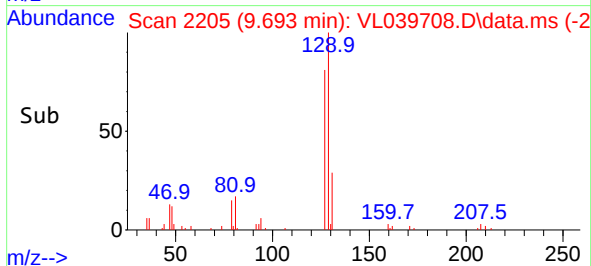
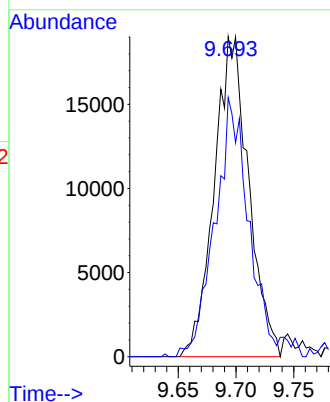
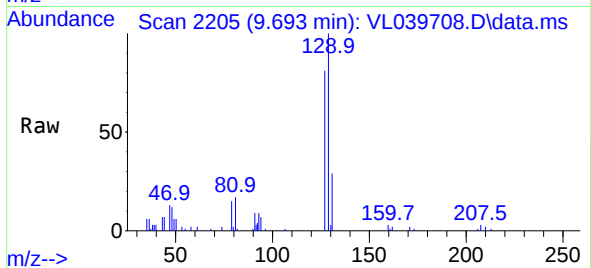
MDL-AIR-03-QT4-2022DL

Tgt Ion:129 Resp: 39440

Ion Ratio Lower Upper

129 100

127 81.5 39.3 117.9



#49

Bromoform

Concen: 0.114 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. -0.028 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

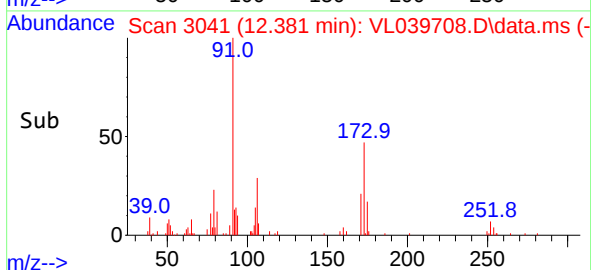
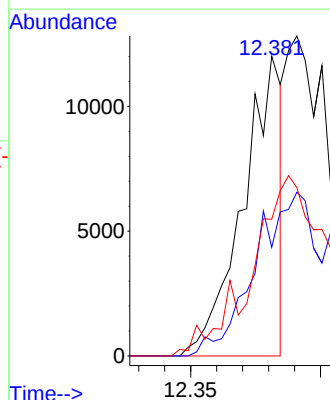
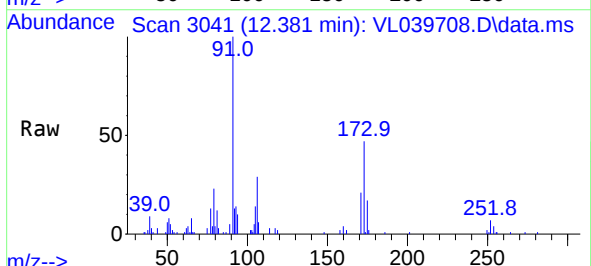
Tgt Ion:173 Resp: 12400

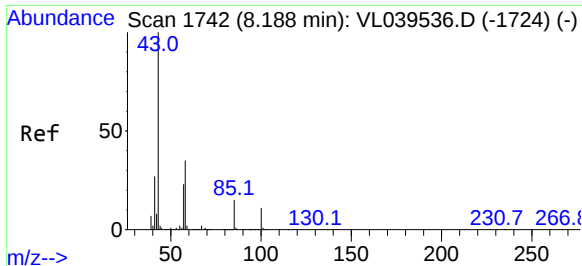
Ion Ratio Lower Upper

173 100

175 0.0 40.3 60.5#

171 0.0 42.9 64.3#





#50

4-Methyl-2-Pentanone

Concen: 0.320 ppbv

RT: 8.198 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

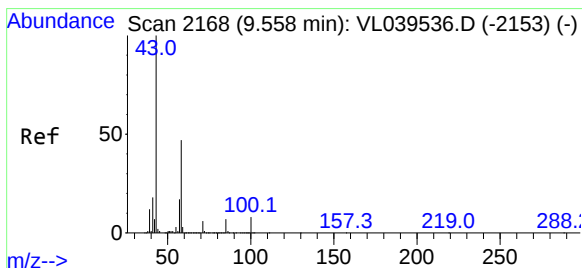
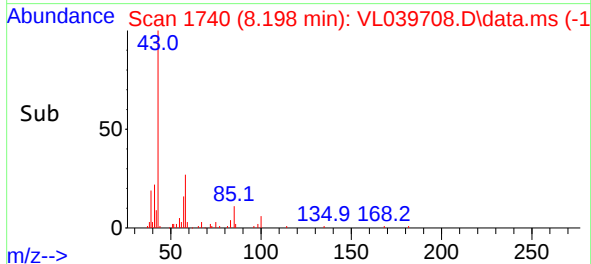
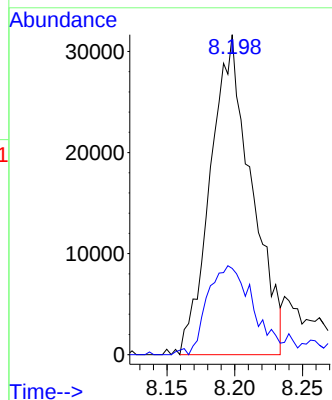
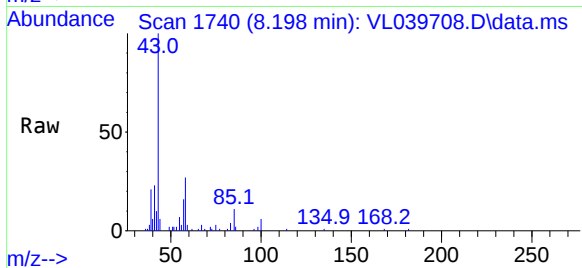
MDL-AIR-03-QT4-2022DL

Tgt Ion: 43 Resp: 66720

Ion Ratio Lower Upper

43 100

58 36.8 28.8 43.2



#51

2-Hexanone

Concen: 0.186 ppbv

RT: 9.565 min Scan# 2165

Delta R.T. 0.007 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

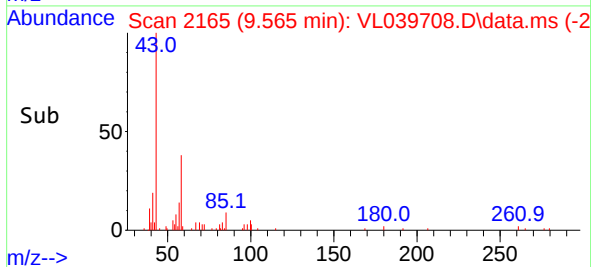
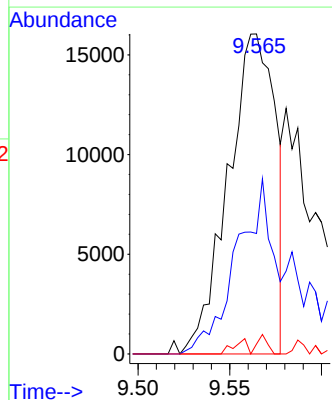
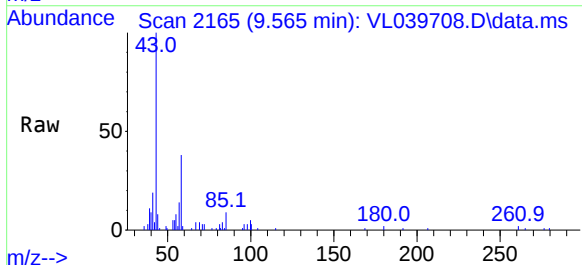
Tgt Ion: 43 Resp: 28686

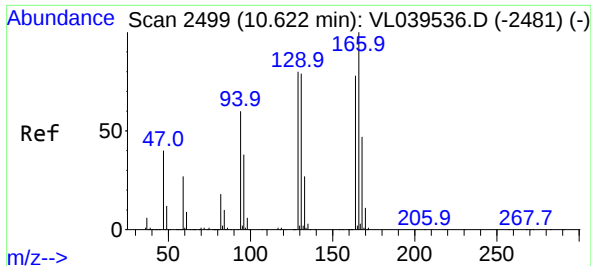
Ion Ratio Lower Upper

43 100

58 75.9 38.4 57.6#

98 2.6 0.3 0.5#



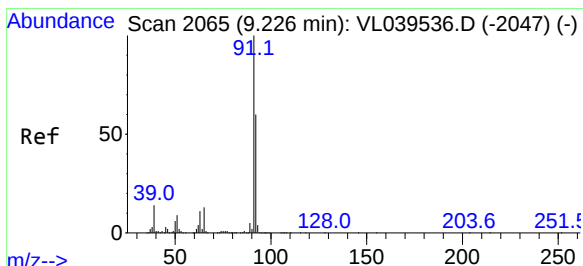
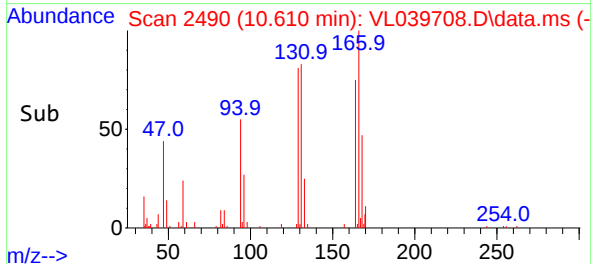
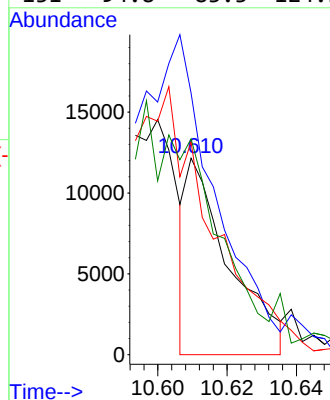
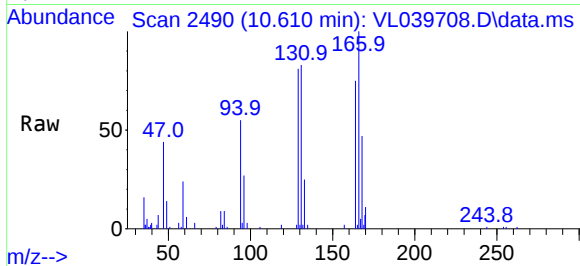


#52
Tetrachloroethene
Concen: 0.132 ppbv
RT: 10.610 min Scan# 2499
Delta R.T. -0.012 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2022DL

Tgt Ion:164 Resp: 10410

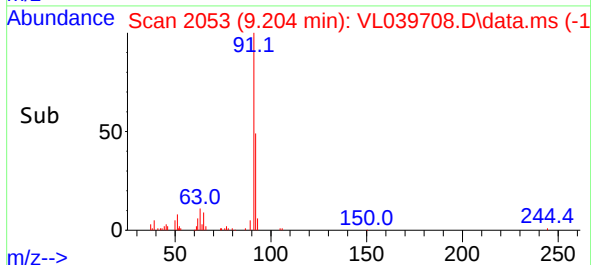
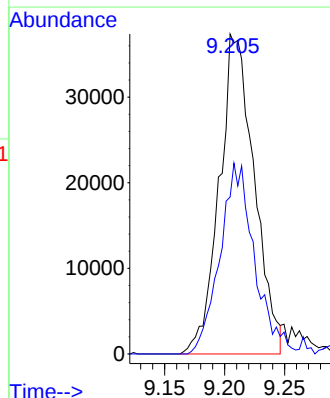
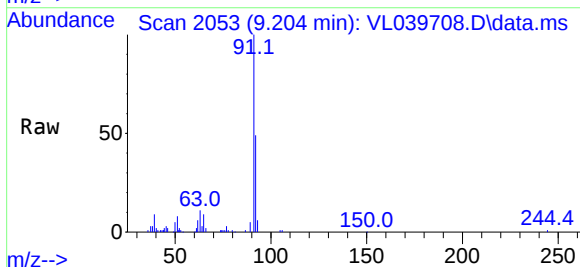
Ion	Ratio	Lower	Upper
164	100		
166	146.3	102.2	153.2
129	109.6	85.8	128.8
131	94.8	83.3	124.9

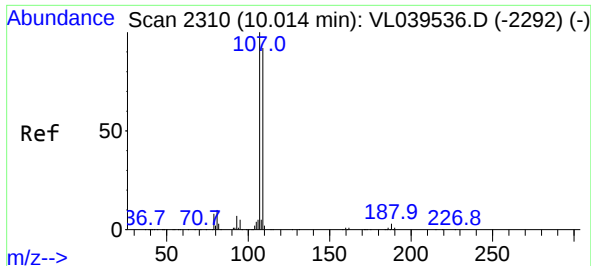


#53
Toluene
Concen: 0.330 ppbv
RT: 9.204 min Scan# 2053
Delta R.T. -0.022 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 91 Resp: 75740

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.2	72.2





#54

1,2-Dibromoethane

Concen: 0.259 ppbv

RT: 9.995 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

Instrument :

MSVOA_L

ClientSampleId :

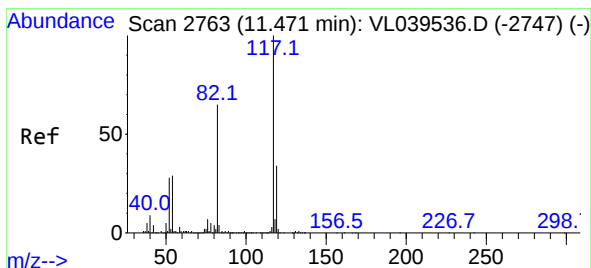
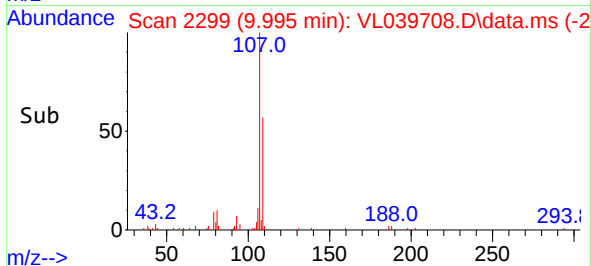
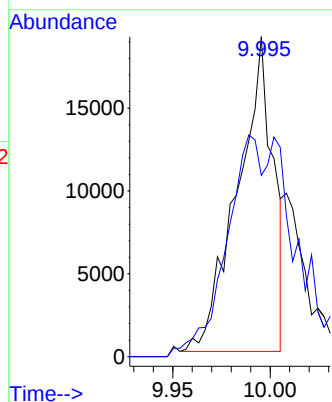
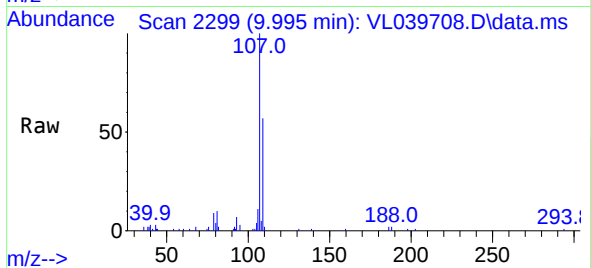
MDL-AIR-03-QT4-2022DL

Tgt Ion:107 Resp: 24080

Ion Ratio Lower Upper

107 100

109 55.0 74.8 112.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.019 min

Lab File: VL039708.D

Acq: 10 Oct 2022 23:30

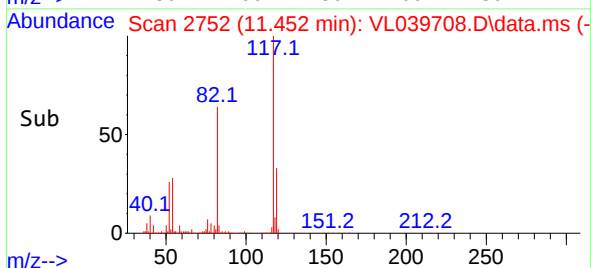
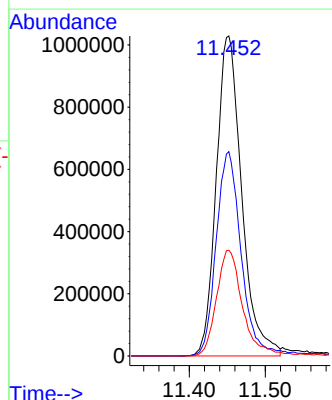
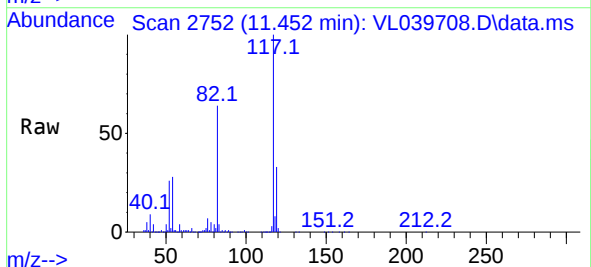
Tgt Ion:117 Resp: 2393569

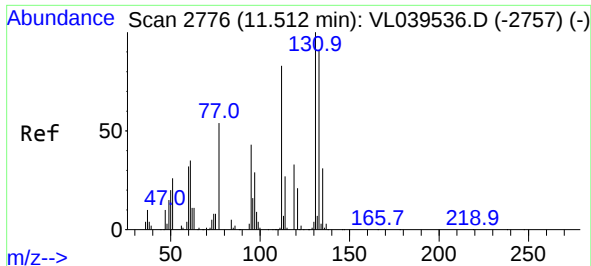
Ion Ratio Lower Upper

117 100

82 64.3 50.8 76.2

119 34.6 24.1 36.1

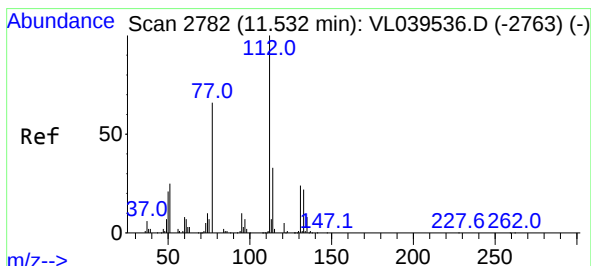
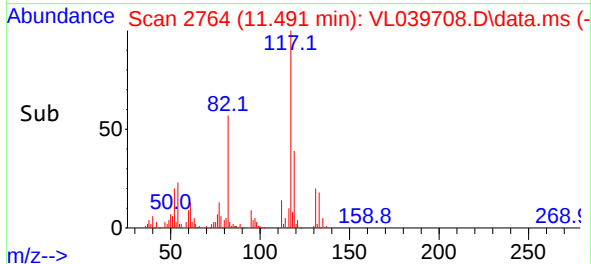
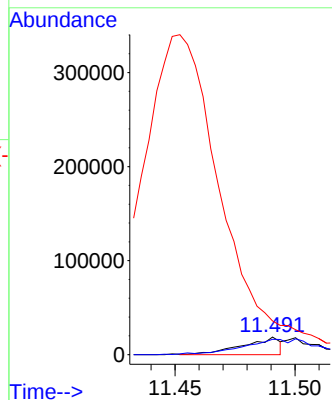
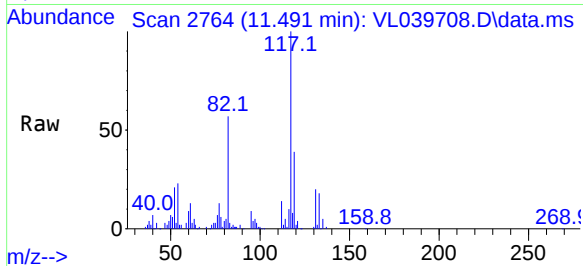




#56
1,1,1,2-Tetrachloroethane
Concen: 0.209 ppbv
RT: 11.491 min Scan# 211
Delta R.T. -0.022 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

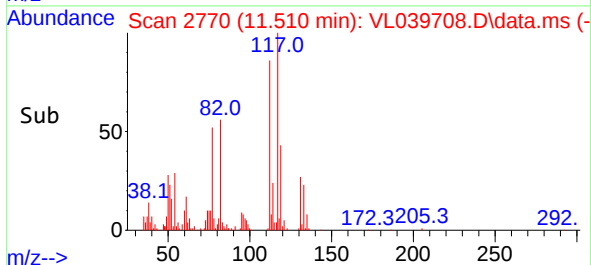
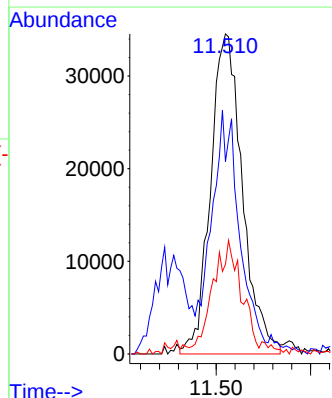
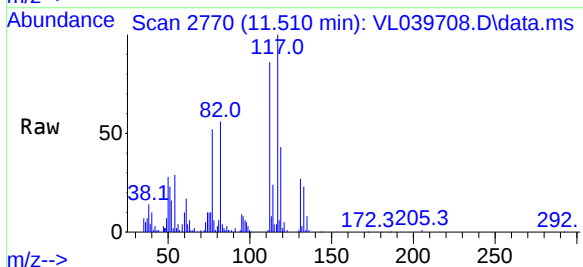
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

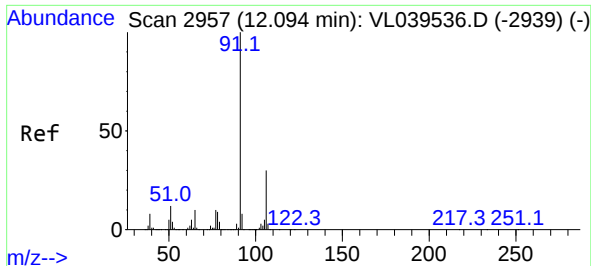
Tgt Ion:131 Resp: 20201
Ion Ratio Lower Upper
131 100
133 0.0 76.8 115.2#
119 0.0 46.2 69.4#



#57
Chlorobenzene
Concen: 0.460 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.022 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion:112 Resp: 80992
Ion Ratio Lower Upper
112 100
77 56.3 51.0 76.4
114 27.0 27.5 33.6#

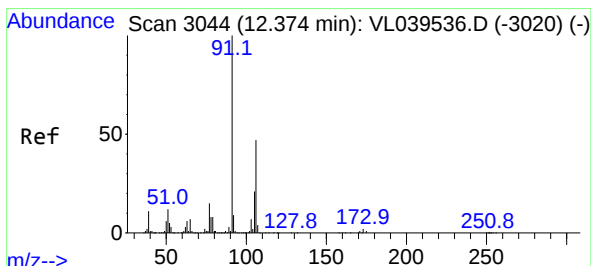
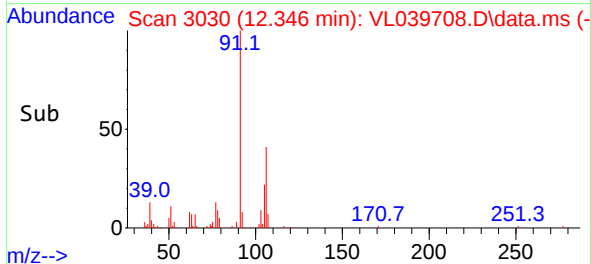
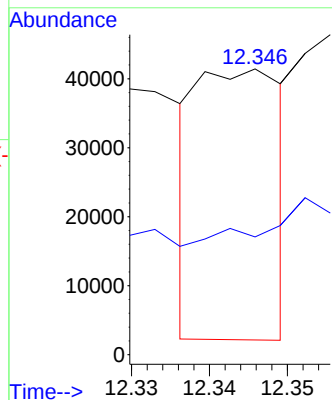
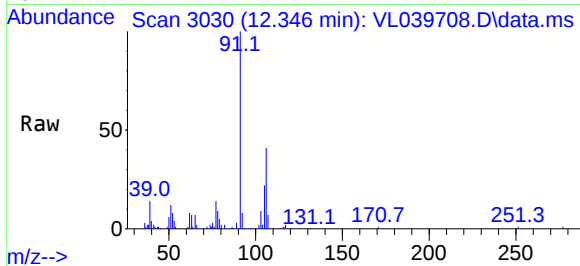




#58
Ethyl Benzene
Concen: 0.107 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. 0.251 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

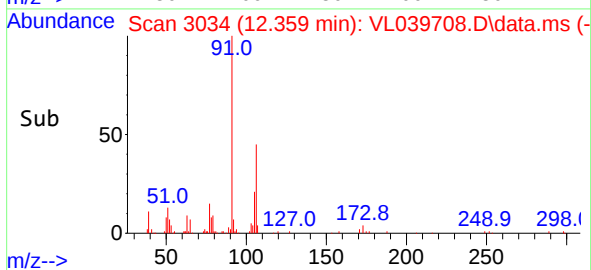
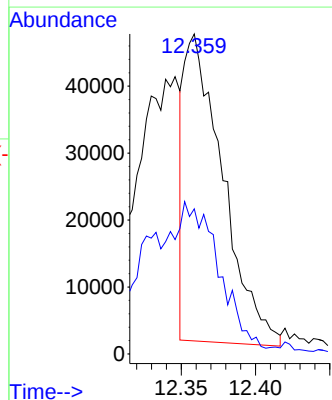
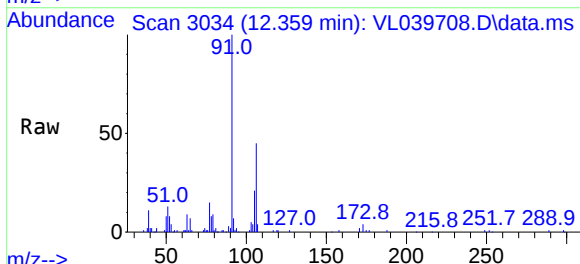
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

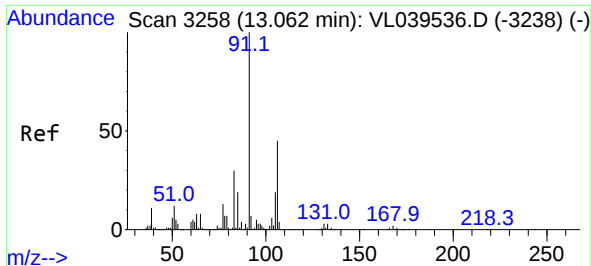
Tgt Ion: 91 Resp: 29516
Ion Ratio Lower Upper
91 100
106 27.3 25.4 38.0



#59
m/p-Xylene
Concen: 0.336 ppbv
RT: 12.359 min Scan# 3034
Delta R.T. -0.015 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 91 Resp: 82621
Ion Ratio Lower Upper
91 100
106 99.0 35.4 53.2#

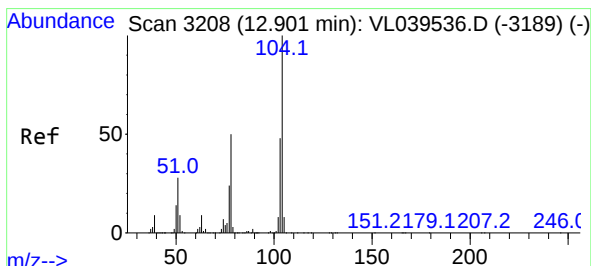
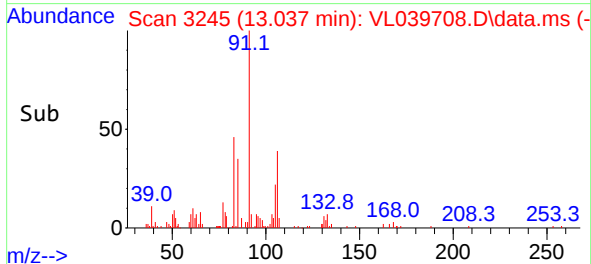
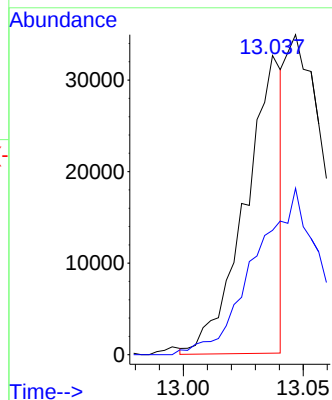
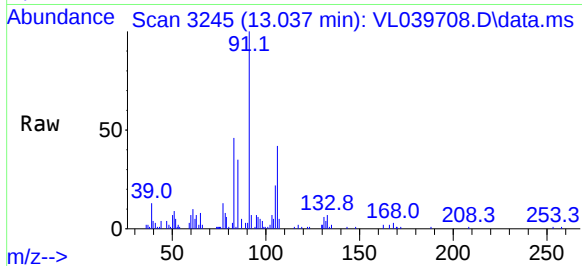




#60
o-Xylene
Concen: 0.147 ppbv
RT: 13.037 min Scan# 3195
Delta R.T. -0.025 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

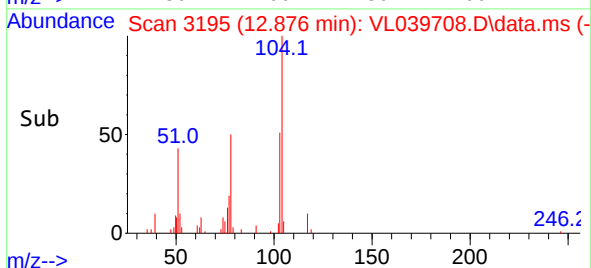
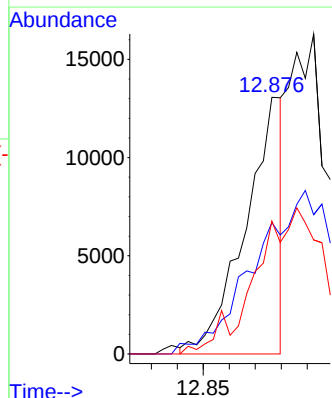
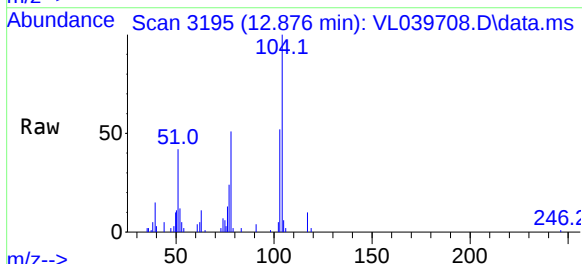
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2022DL

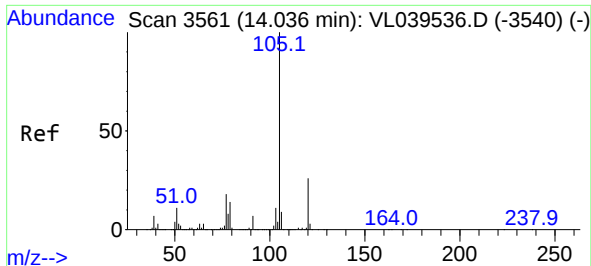
Tgt Ion: 91 Resp: 34545
Ion Ratio Lower Upper
91 100
106 0.0 22.4 67.3#



#61
Styrene
Concen: 0.103 ppbv
RT: 12.876 min Scan# 3195
Delta R.T. -0.025 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 104 Resp: 13009
Ion Ratio Lower Upper
104 100
78 0.0 41.2 61.8#
103 0.0 38.7 58.1#

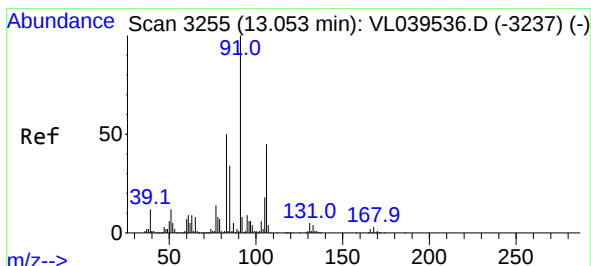
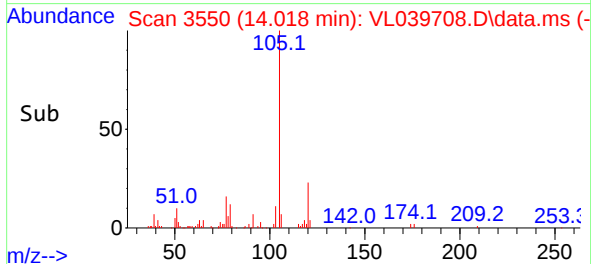
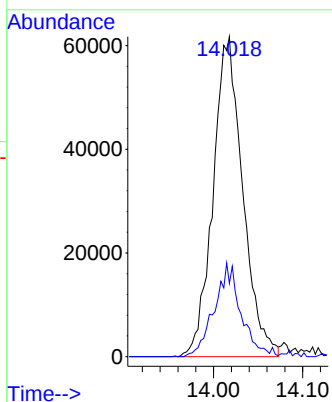
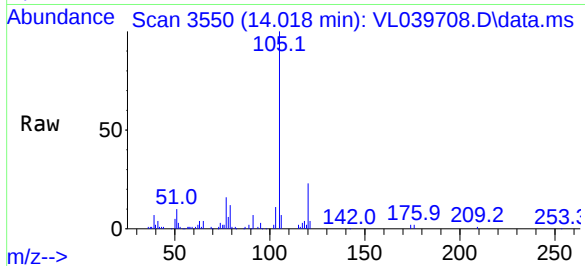




#62
Isopropylbenzene
Concen: 0.405 ppbv
RT: 14.018 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

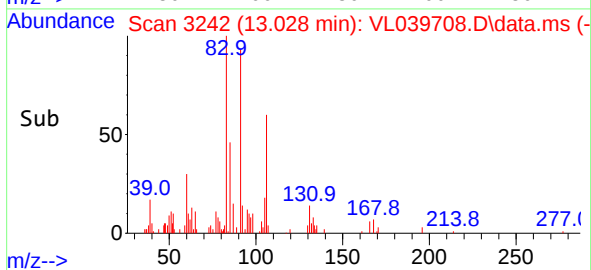
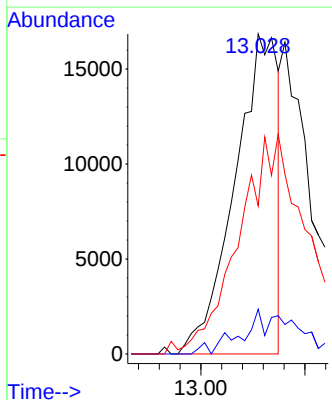
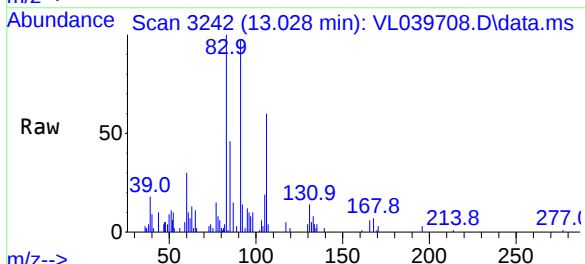
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

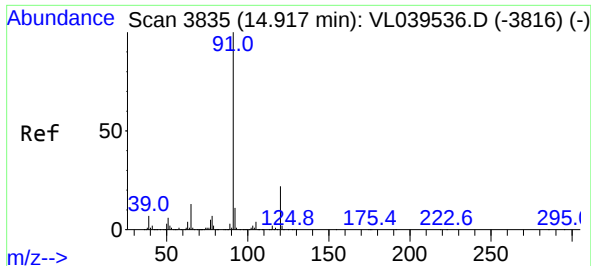
Tgt Ion:105 Resp: 142835
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1



#63
1,1,2,2-Tetrachloroethane
Concen: 0.260 ppbv
RT: 13.028 min Scan# 3242
Delta R.T. -0.025 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 83 Resp: 24285
Ion Ratio Lower Upper
83 100
131 17.8 5.3 15.8#
85 0.0 33.1 99.5#

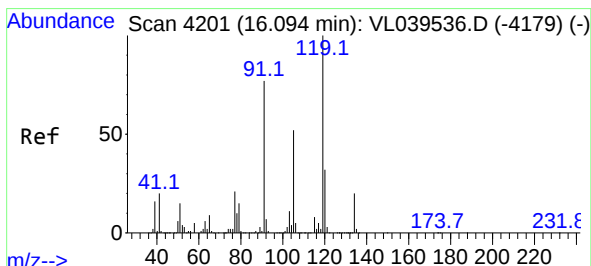
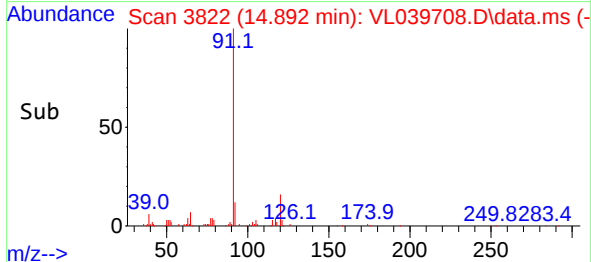
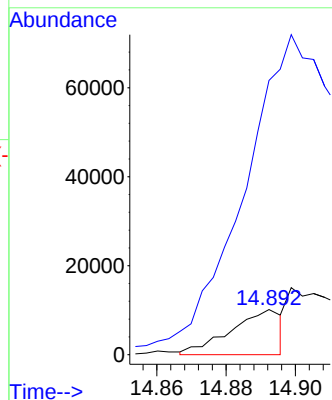
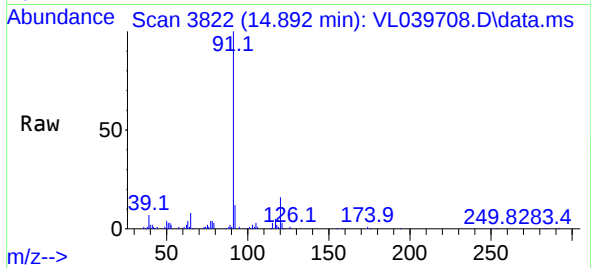




#64
n-propylbenzene
Concen: 0.114 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.025 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

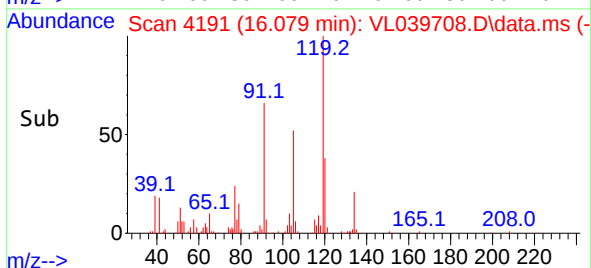
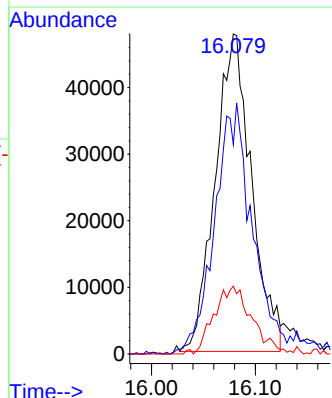
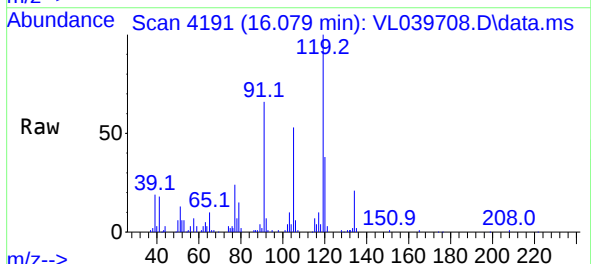
Instrument : MSVOA_1
ClientSampleId :
MDL-AIR-03-QT4-2022DL

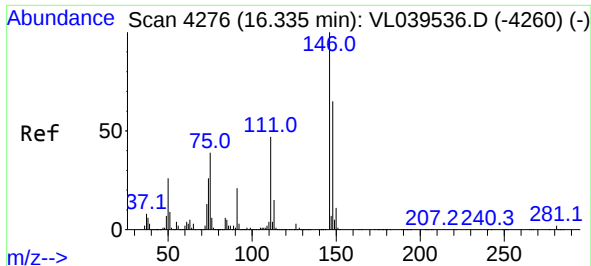
Tgt Ion:120 Resp: 10298
Ion Ratio Lower Upper
120 100
91 0.0 367.2 550.8#



#65
tert-Butylbenzene
Concen: 0.371 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.015 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion:119 Resp: 115762
Ion Ratio Lower Upper
119 100
91 85.8 63.4 95.2
134 22.6 15.9 23.9

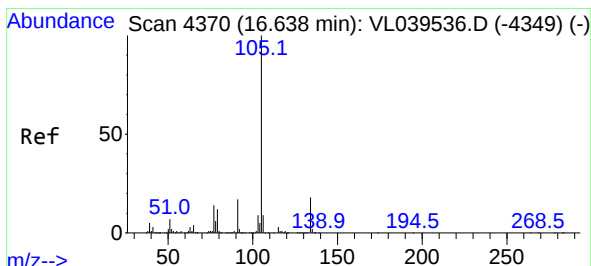
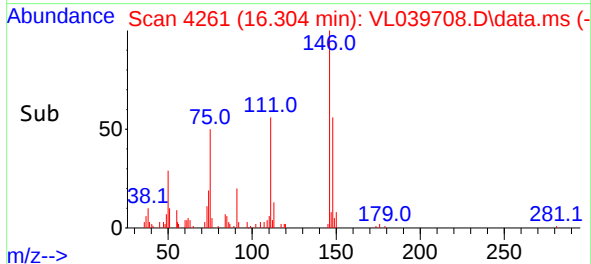
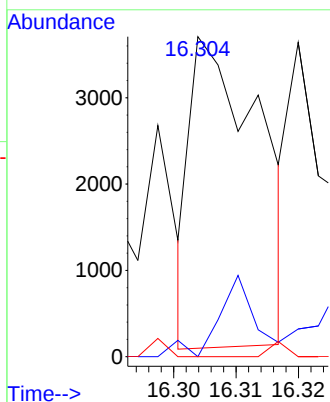
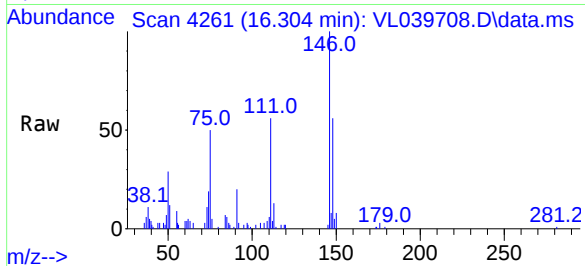




#66
Benzyl Chloride
Concen: 0.112 ppbv
RT: 16.304 min Scan# 4359
Delta R.T. -0.031 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

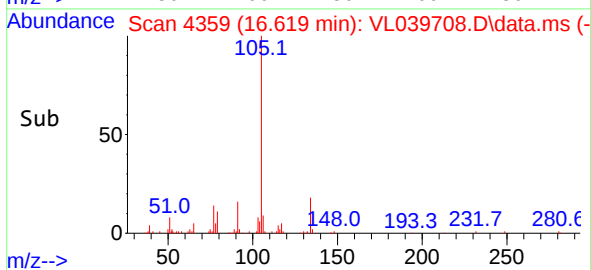
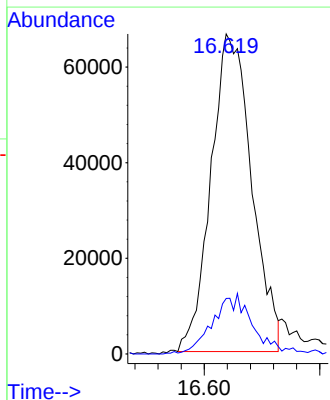
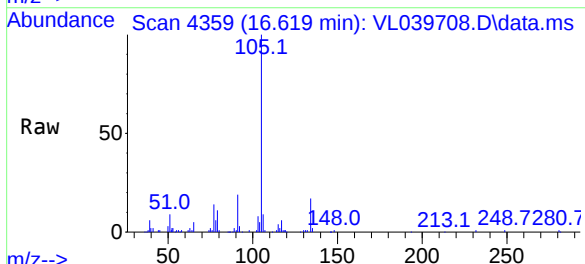
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

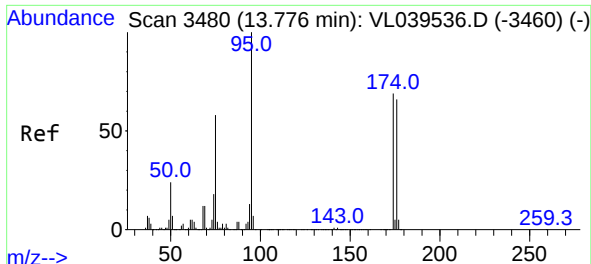
Tgt Ion: 91 Resp: 2776
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.4 6.6#



#67
sec-Butylbenzene
Concen: 0.371 ppbv
RT: 16.619 min Scan# 4359
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 105 Resp: 162469
Ion Ratio Lower Upper
105 100
134 18.9 14.8 22.2

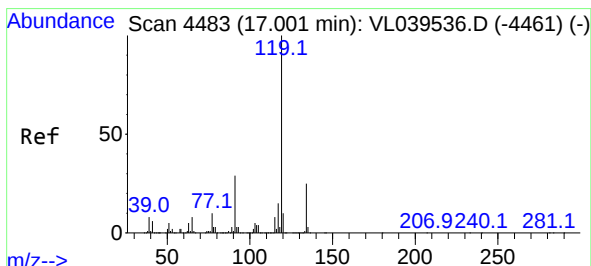
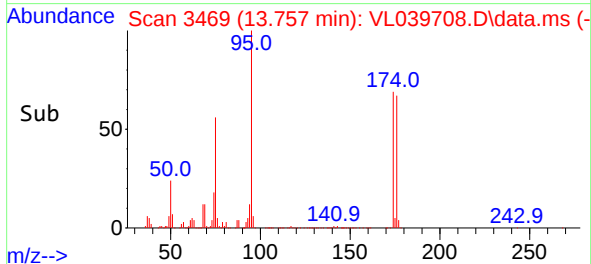
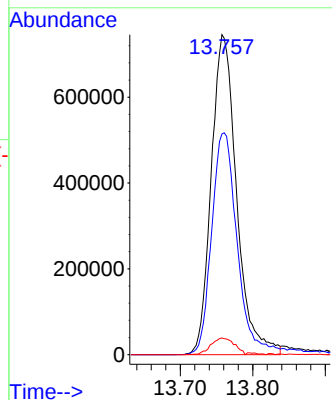
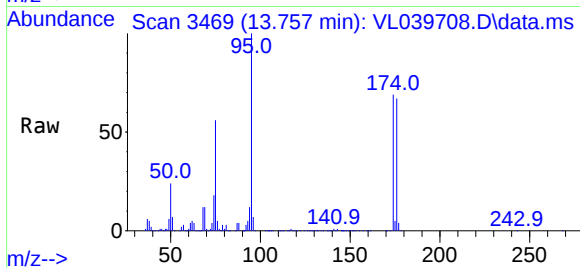




#68
1-Bromo-4-Fluorobenzene
Concen: 10.143 ppbv
RT: 13.757 min Scan# 34
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

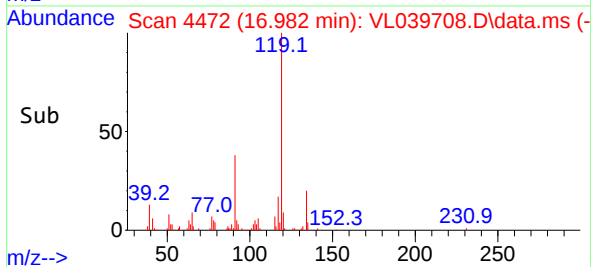
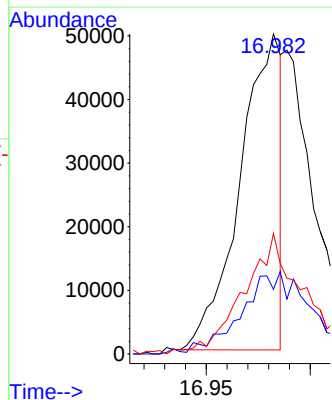
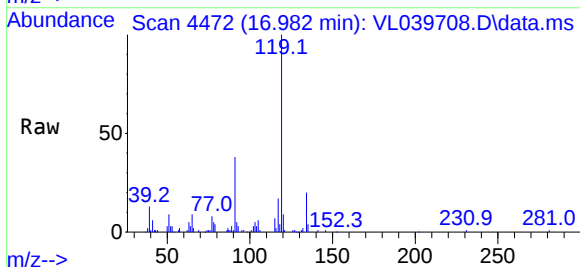
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

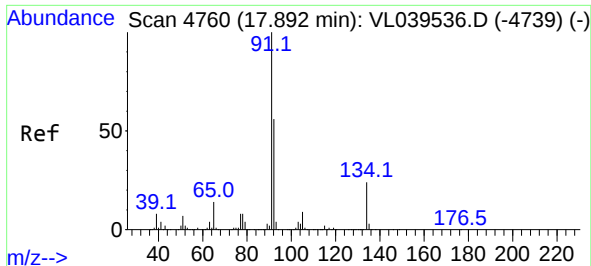
Tgt Ion: 95 Resp: 1812326
Ion Ratio Lower Upper
95 100
174 72.6 55.9 83.9
175 5.3 4.2 6.4



#69
p-Isopropyltoluene
Concen: 0.190 ppbv
RT: 16.982 min Scan# 4472
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 119 Resp: 68112
Ion Ratio Lower Upper
119 100
134 0.0 20.3 30.5#
91 61.4 22.9 34.3#

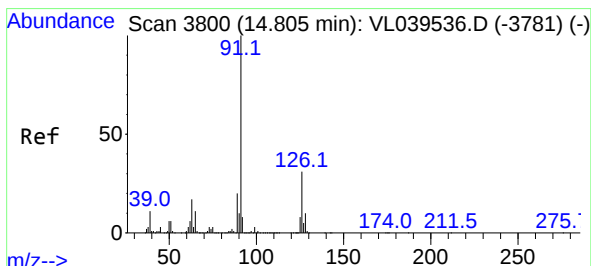
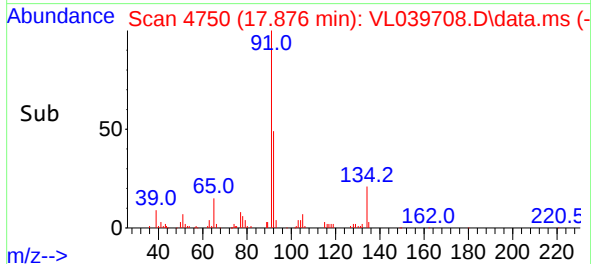
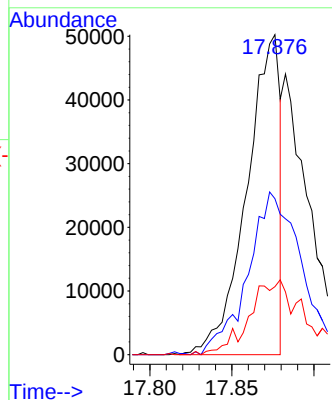
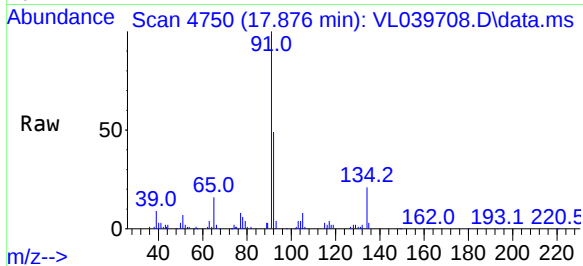




#70
n-Butylbenzene
Concen: 0.201 ppbv
RT: 17.876 min Scan# 41
Delta R.T. -0.015 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

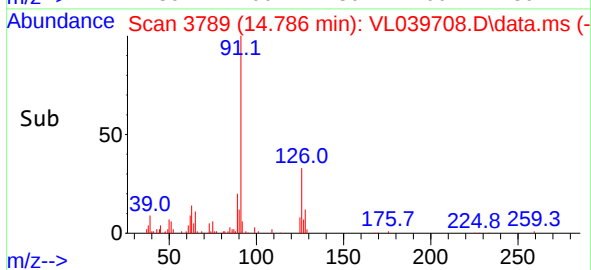
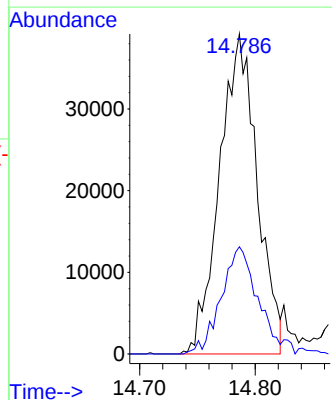
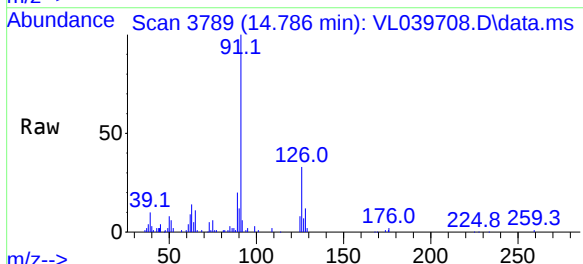
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

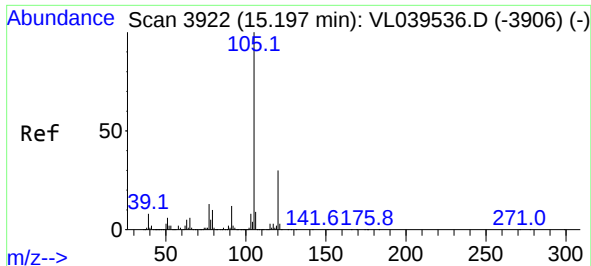
Tgt Ion: 91 Resp: 70886
Ion Ratio Lower Upper
91 100
92 88.2 43.4 65.2#
134 0.0 18.9 28.3#



#71
2-Chlorotoluene
Concen: 0.348 ppbv
RT: 14.786 min Scan# 3789
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion: 91 Resp: 88563
Ion Ratio Lower Upper
91 100
126 34.0 13.0 51.8

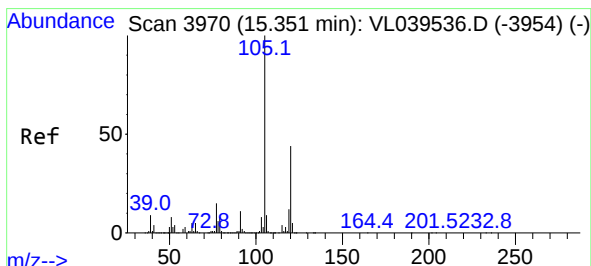
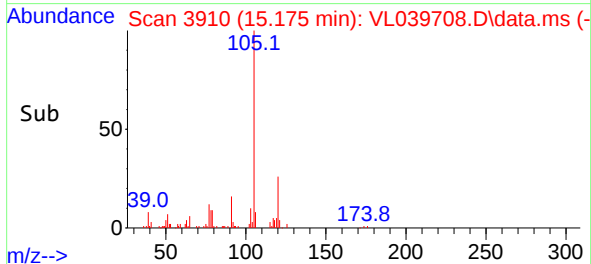
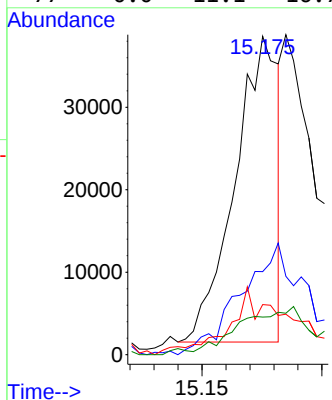
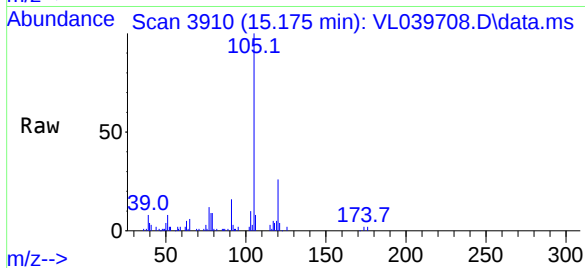




#72
4-Ethyltoluene
Concen: 0.173 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.022 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

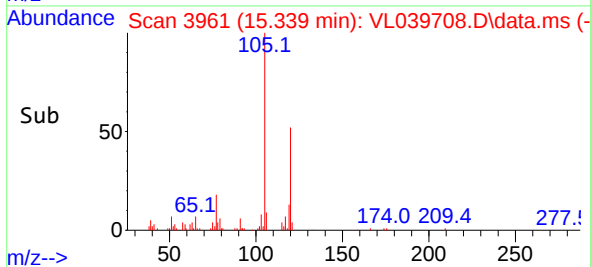
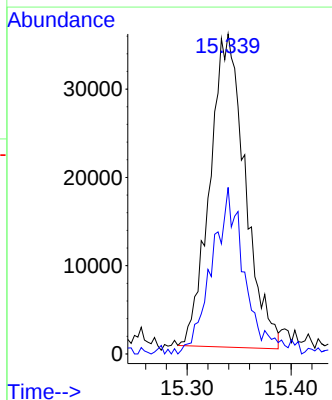
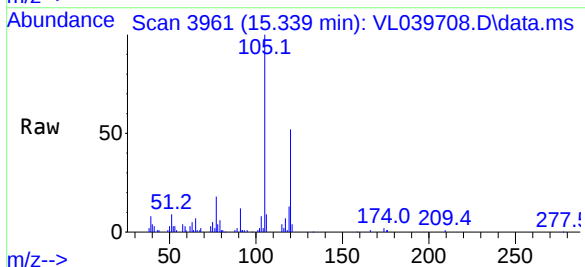
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2022DL

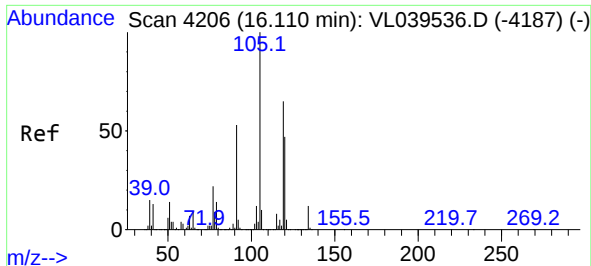
Tgt Ion:	105	Resp:	46403
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.2	36.2#
91	32.9	10.2	15.4#
77	0.0	11.1	16.7#



#73
1,3,5-Trimethylbenzene
Concen: 0.342 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.012 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion:	105	Resp:	83708
Ion	Ratio	Lower	Upper
105	100		
120	57.9	38.2	57.4#



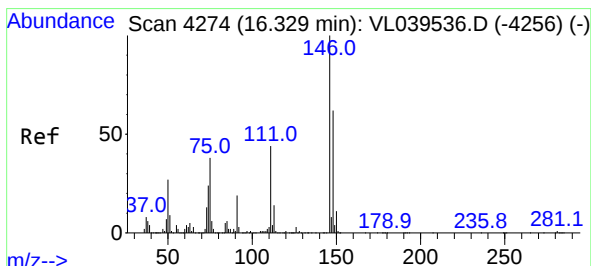
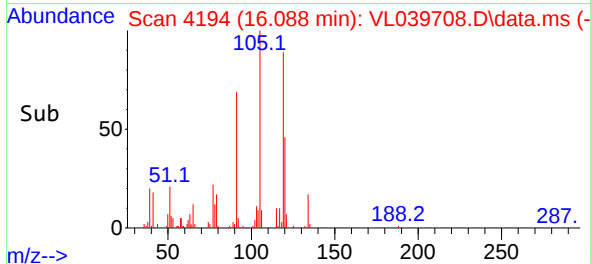
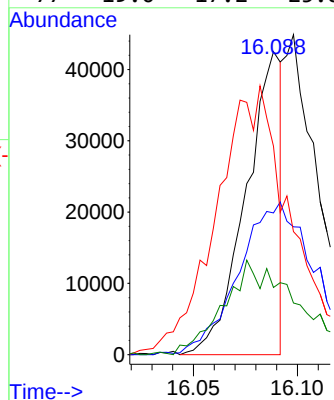
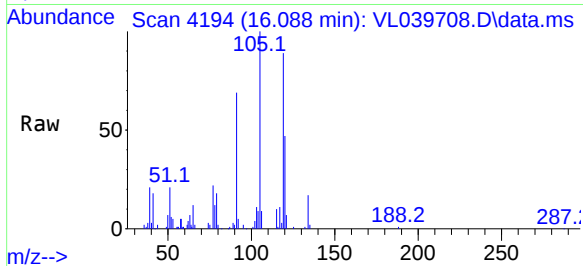


#74
1,2,4-Trimethylbenzene
Concen: 0.185 ppbv
RT: 16.088 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

Tgt Ion:105 Resp: 50702

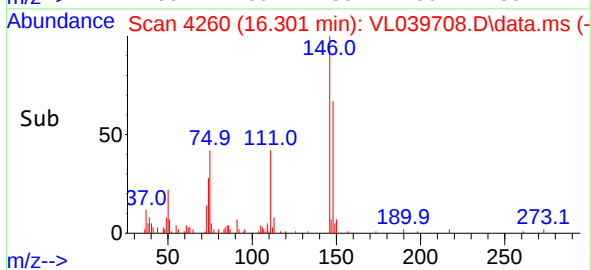
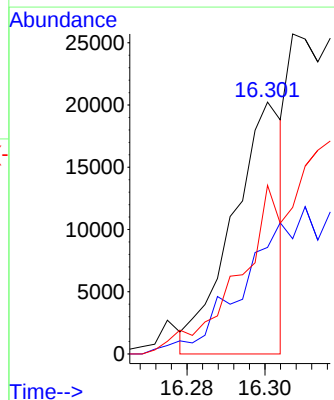
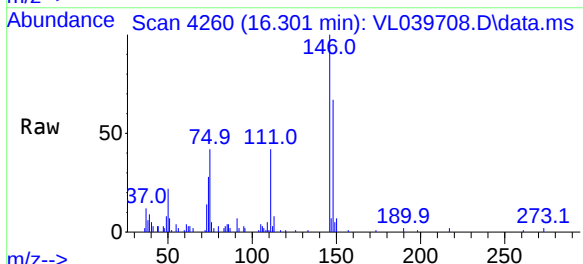
Ion	Ratio	Lower	Upper
105	100		
120	46.2	39.5	59.3
91	56.7	39.2	58.8
77	19.0	17.2	25.8

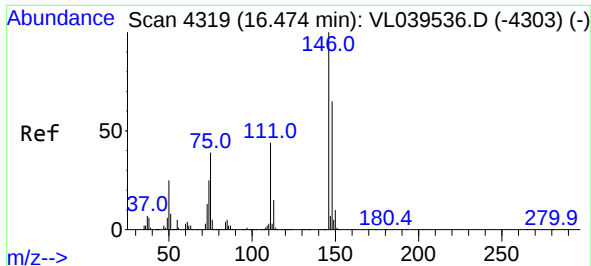


#75
1,3-Dichlorobenzene
Concen: 0.110 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. -0.028 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion:146 Resp: 17985

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

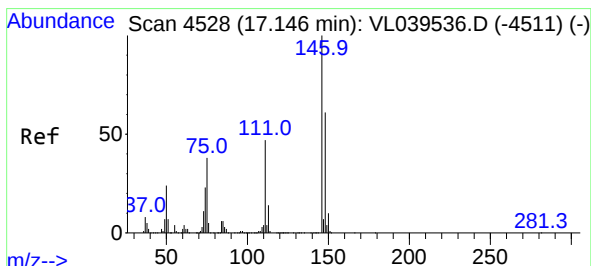
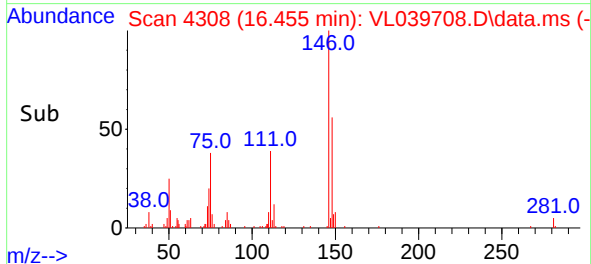
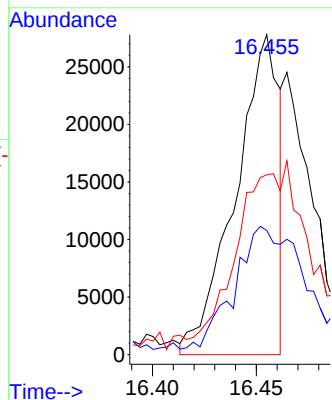
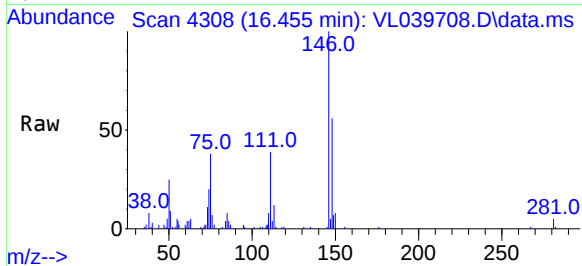




#76
1,4-Dichlorobenzene
Concen: 0.248 ppbv
RT: 16.455 min Scan# 411
Delta R.T. -0.019 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

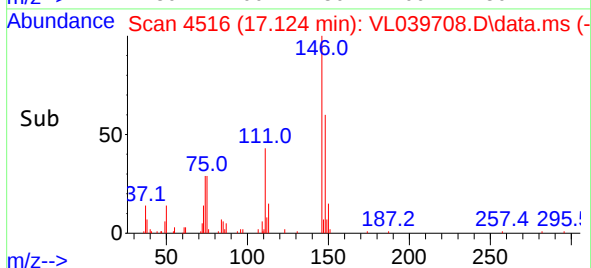
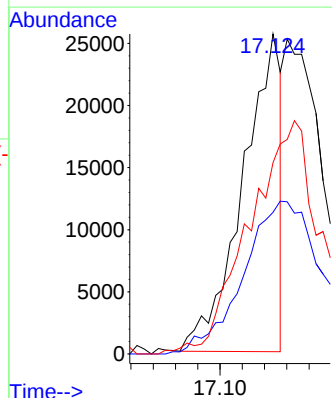
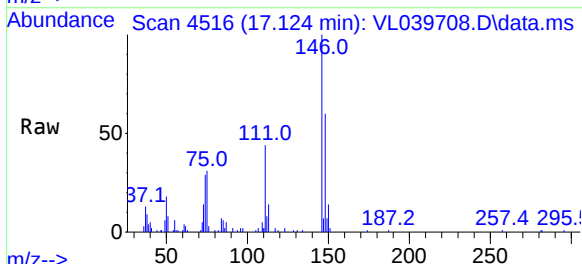
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

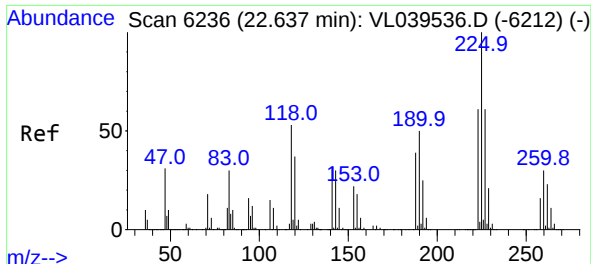
Tgt Ion:146 Resp: 40631
Ion Ratio Lower Upper
146 100
111 76.9 22.9 68.8#
148 0.0 33.6 100.8#



#77
1,2-Dichlorobenzene
Concen: 0.192 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. -0.022 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion:146 Resp: 30647
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.5#
148 0.0 32.3 96.8#



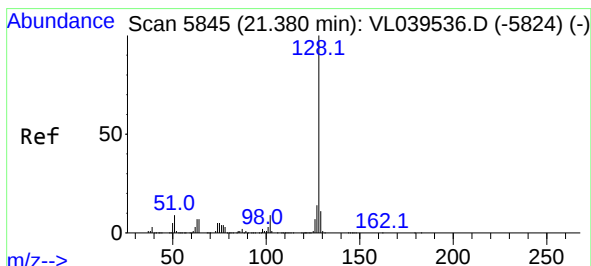
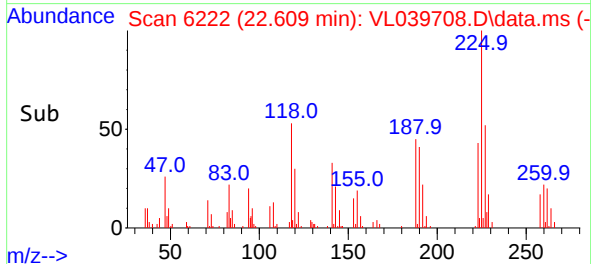
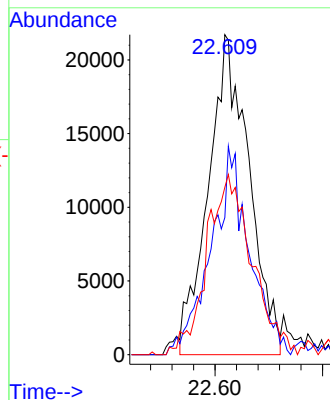
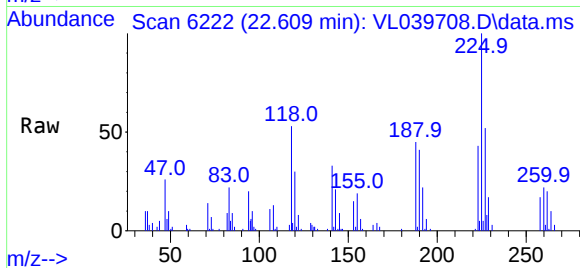


#78
Hexachloro-1,3-Butadiene
Concen: 0.468 ppbv
RT: 22.609 min Scan# 61
Delta R.T. -0.028 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

Tgt Ion:225 Resp: 57127

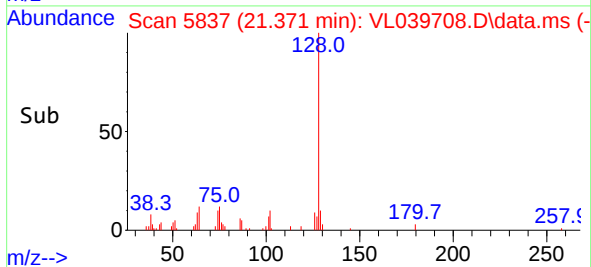
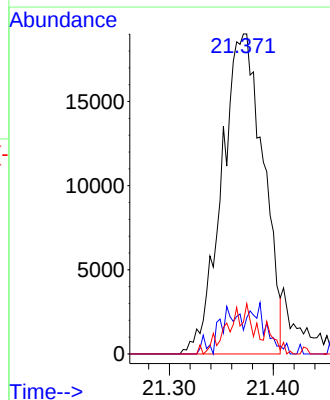
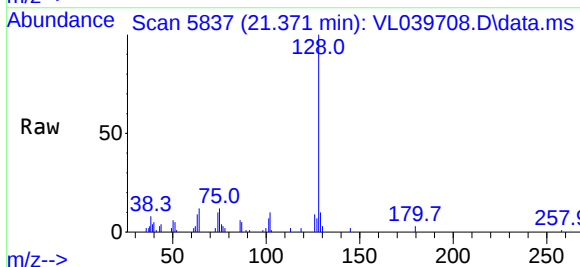
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.8	77.6
227	62.6	51.4	77.2

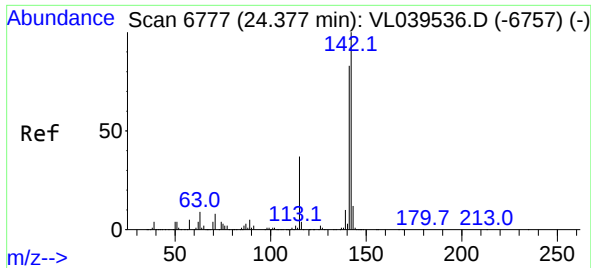


#79
Naphthalene
Concen: 0.291 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.009 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Tgt Ion:128 Resp: 52772

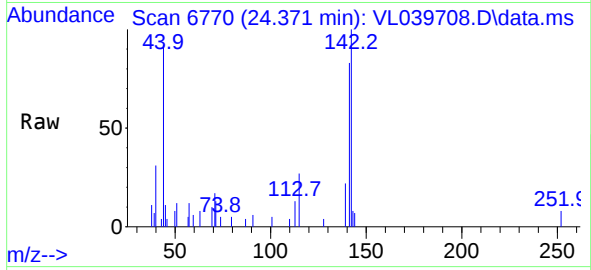
Ion	Ratio	Lower	Upper
128	100		
127	7.4	10.6	15.8#
129	9.9	8.8	13.2





#80
Naphthalene, 2-methyl-
Concen: 0.149 ppbv
RT: 24.371 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL039708.D
Acq: 10 Oct 2022 23:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL



Tgt Ion:	142	Resp:	10178
Ion	Ratio	Lower	Upper
142	100		
141	96.8	68.9	103.3
115	36.0	30.0	45.0

