

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041476.D
 Acq On : 1 Aug 2024 13:30
 Operator : SY/MD
 Sample : P3390-15 0.1 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

Quant Time: Aug 02 05:23:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	881438	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2418368	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2222196	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1700515	9.944	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	18224	0.120	ppbv	96
3) Chlorodifluoromethane	2.681	51	13846	0.132	ppbv	98
4) Chloromethane	2.819	50	6433	0.115	ppbv #	85
5) Vinyl Chloride	2.925	62	5211	0.095	ppbv	97
6) Bromomethane	3.127	94	3385	0.120	ppbv #	54
7) Chloroethane	3.201	64	2528	0.133	ppbv #	76
8) Dichlorotetrafluoroethane	2.861	85	16860	0.125	ppbv	100
9) Propene	2.697	41	4738	0.098	ppbv #	15
10) Heptane	7.581	43	6728	0.062	ppbv #	71
11) Trichlorofluoromethane	3.565	101	9217	0.068	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.066	101	11059	0.114	ppbv	91
13) Ethanol	3.253	45	129	0.030	ppbv #	41
14) Bromoethene	3.372	108	1769	0.047	ppbv #	1
15) Acetone	3.494	43	21021	0.210	ppbv #	83
16) 1,3-Butadiene	2.986	39	4731	0.088	ppbv #	77
17) tert-Butyl alcohol	3.890	59	843	0.009	ppbv #	72
18) 1,1-Dichloroethene	3.883	96	4820	0.116	ppbv #	74
19) Isopropyl Alcohol	3.574	45	78	0.001	ppbv #	93
20) Methylene Chloride	3.935	84	8165	0.219	ppbv	98
21) Allyl Chloride	3.999	41	7144	0.109	ppbv #	94
22) trans-1,2-Dichloroethene	4.452	96	3346	0.081	ppbv	80
23) Vinyl Acetate	4.632	43	828	0.011	ppbv #	86
24) 1,1-Dichloroethane	4.561	63	5334	0.059	ppbv	98
25) Ethyl Acetate	5.217	43	10213	0.051	ppbv #	74
26) Hexane	5.217	57	4246	0.051	ppbv #	1
27) Carbon Disulfide	4.131	76	4725	0.049	ppbv #	1
28) Methyl tert-Butyl Ether	4.590	73	703	0.014	ppbv #	52
29) Chloroform	5.272	83	15920	0.118	ppbv	89
30) Cyclohexane	6.597	84	3689	0.055	ppbv #	46
31) cis-1,2-Dichloroethene	5.086	61	4293	0.053	ppbv #	60
32) 1,1,1-Trichloroethane	6.002	97	5454	0.042	ppbv #	1
34) 2-Butanone	4.764	43	142	0.001	ppbv #	54
35) Carbon Tetrachloride	6.500	117	10808	0.081	ppbv	91
36) Benzene	6.372	78	15449	0.087	ppbv #	74
37) 1,2-Dichloroethane	5.806	62	5977	0.060	ppbv #	82
38) Trichloroethene	7.285	130	3229	0.040	ppbv #	82
39) 1,2-Dichloropropane	6.651	63	579387	8.564	ppbv #	25
40) 1,4-Dioxane	7.211	88	137	0.005	ppbv #	1
41) Tetrahydrofuran	5.581	42	924	0.014	ppbv #	37
42) Bromodichloromethane	7.246	83	8004	0.056	ppbv #	75
43) Methyl Methacrylate	7.481	69	3022	0.048	ppbv #	1
44) 2,2,4-Trimethylpentane	7.327	57	12805	0.043	ppbv #	14
45) t-1,3-Dichloropropene	8.722	75	1439	0.025	ppbv	98

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 Misc : 400mL/MSVOA_L
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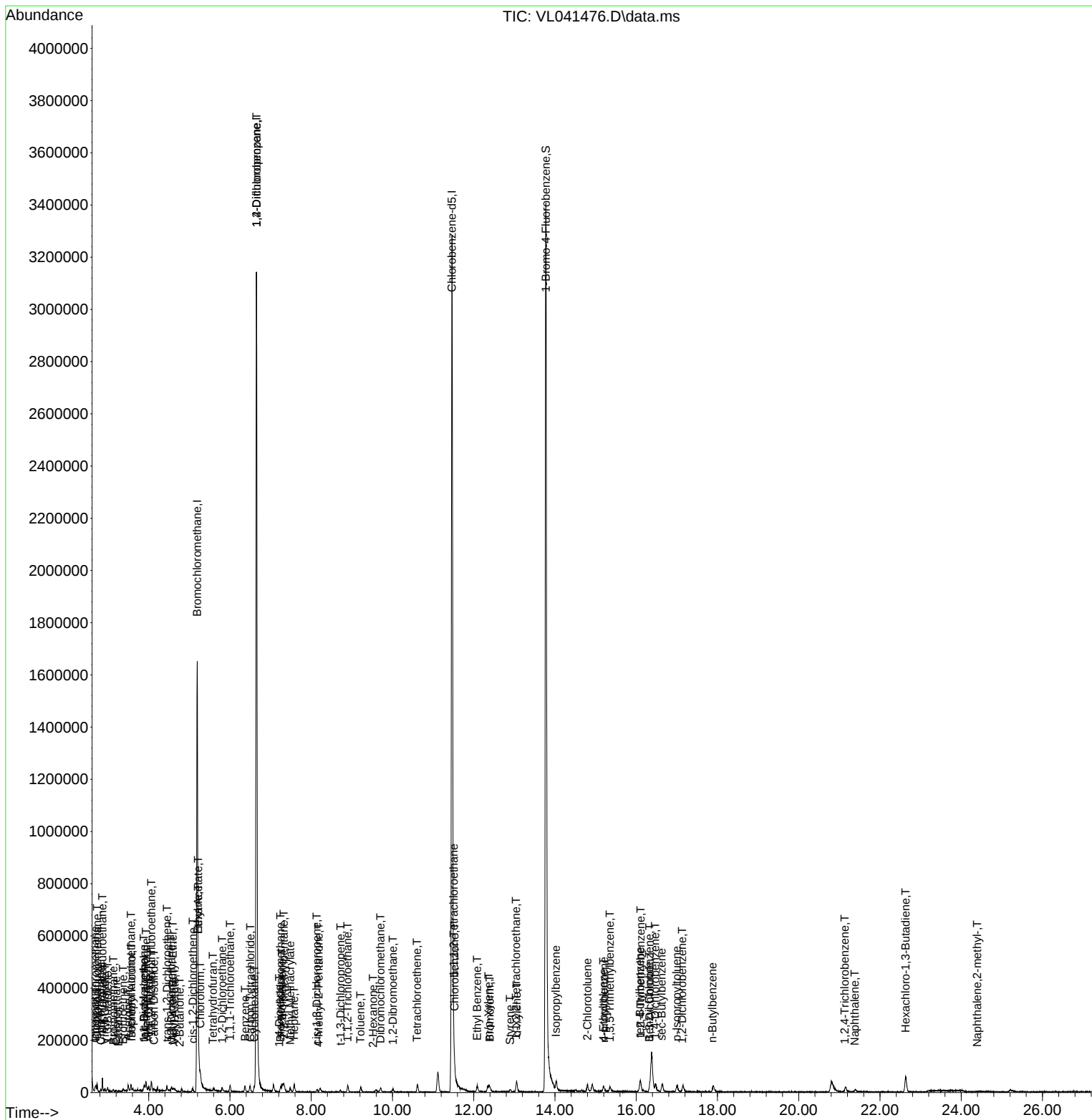
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

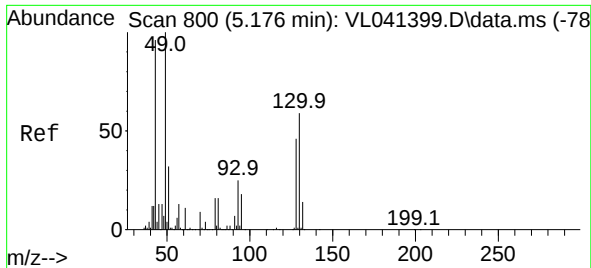
Quant Time: Aug 02 05:23:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.134	75	1277	0.015	ppbv	#	40
47) 1,1,2-Trichloroethane	8.893	97	3410	0.046	ppbv	#	87
48) Dibromochloromethane	9.706	129	8024	0.067	ppbv		82
49) Bromoform	12.394	173	1600	0.016	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.185	43	382	0.002	ppbv	#	40
51) 2-Hexanone	9.523	43	120	0.001	ppbv	#	30
52) Tetrachloroethene	10.603	164	2141	0.031	ppbv	#	50
53) Toluene	9.214	91	5972	0.030	ppbv	#	20
54) 1,2-Dibromoethane	10.008	107	4481	0.045	ppbv	#	72
56) 1,1,1,2-Tetrachloroethane	11.507	131	3975	0.046	ppbv	#	1
57) Chlorobenzene	11.526	112	11915	0.075	ppbv	#	55
58) Ethyl Benzene	12.085	91	12443	0.049	ppbv		92
59) m/p-Xylene	12.368	91	3381	0.015	ppbv	#	31
60) o-Xylene	13.060	91	4562	0.022	ppbv	#	1
61) Styrene	12.892	104	2820	0.030	ppbv	#	25
62) Isopropylbenzene	14.024	105	14052	0.044	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.043	83	4548	0.034	ppbv	#	25
64) n-propylbenzene	15.207	120	654	0.008	ppbv		96
65) tert-Butylbenzene	16.092	119	6900	0.024	ppbv	#	1
66) Benzyl Chloride	16.323	91	269	0.015	ppbv	#	51
67) sec-Butylbenzene	16.629	105	8524	0.022	ppbv	#	59
69) p-Isopropyltoluene	16.995	119	7456	0.023	ppbv	#	47
70) n-Butylbenzene	17.879	91	3588	0.011	ppbv	#	33
71) 2-Chlorotoluene	14.796	91	4623	0.020	ppbv	#	43
72) 4-Ethyltoluene	15.191	105	6116	0.025	ppbv	#	42
73) 1,3,5-Trimethylbenzene	15.352	105	1881	0.009	ppbv	#	29
74) 1,2,4-Trimethylbenzene	16.111	105	6216	0.025	ppbv	#	19
75) 1,3-Dichlorobenzene	16.326	146	6073	0.039	ppbv	#	1
76) 1,4-Dichlorobenzene	16.468	146	3341	0.022	ppbv	#	23
77) 1,2-Dichlorobenzene	17.130	146	2527	0.016	ppbv	#	23
78) Hexachloro-1,3-Butadiene	22.628	225	2878	0.022	ppbv	#	19
79) Naphthalene	21.378	128	781	0.004	ppbv	#	84
80) Naphthalene,2-methyl-	24.394	142	1265	0.007	ppbv	#	25
81) 1,2,4-Trichlorobenzene	21.133	180	1540	0.012	ppbv	#	1

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

Quant Time: Aug 02 05:23:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 02 03:13:29 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.195 min Scan# 80

Delta R.T. 0.006 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

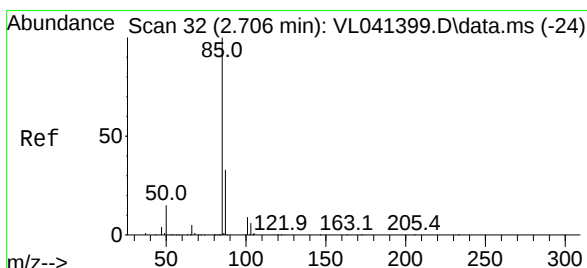
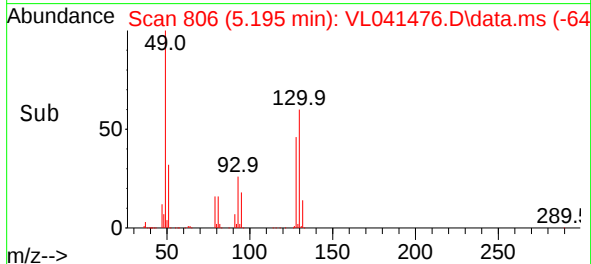
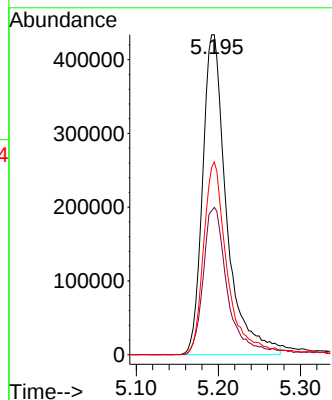
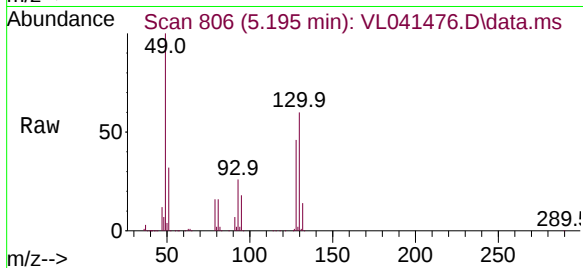
Tgt Ion: 49 Resp: 881438

Ion Ratio Lower Upper

49 100

128 47.9 23.8 71.4

130 61.4 30.8 92.4



#2

Dichlorodifluoromethane

Concen: 0.120 ppbv

RT: 2.732 min Scan# 40

Delta R.T. 0.003 min

Lab File: VL041476.D

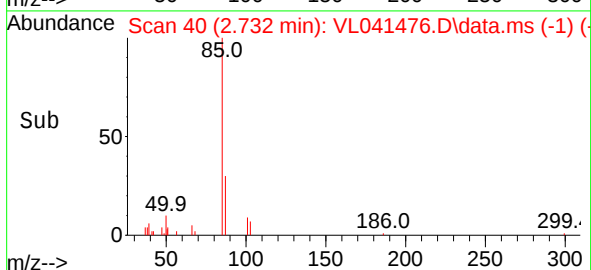
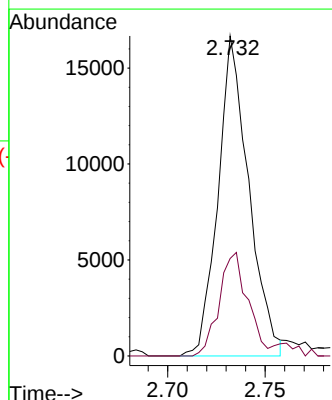
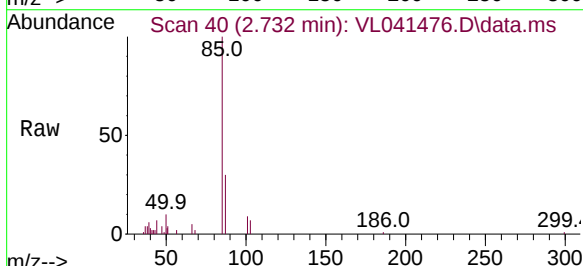
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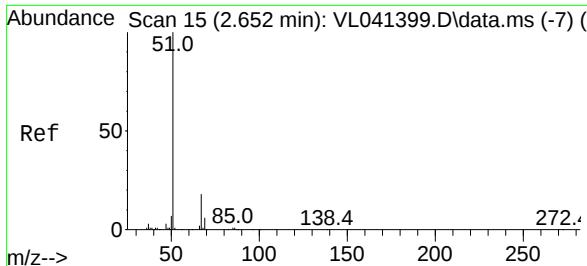
Tgt Ion: 85 Resp: 18224

Ion Ratio Lower Upper

85 100

87 30.5 26.0 39.0

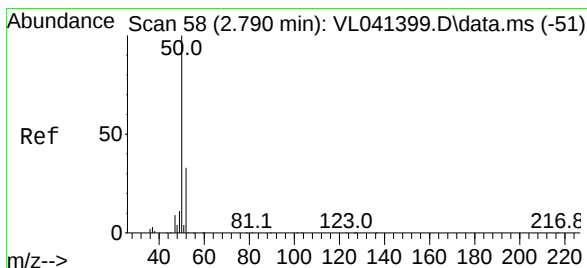
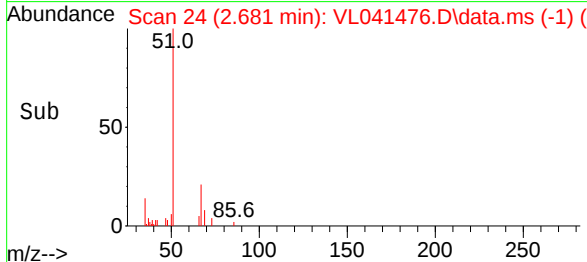
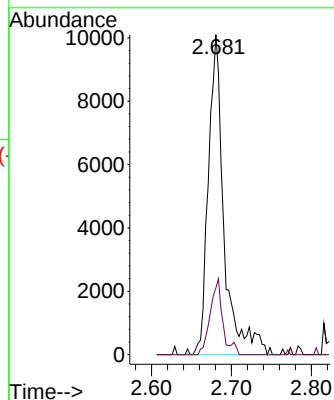
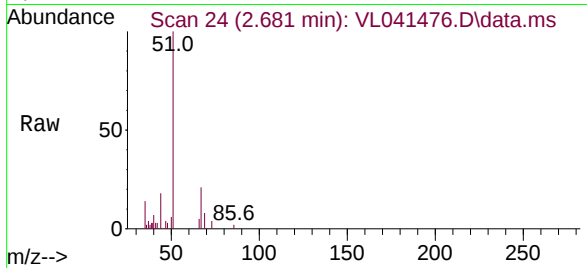




#3
Chlorodifluoromethane
Concen: 0.132 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

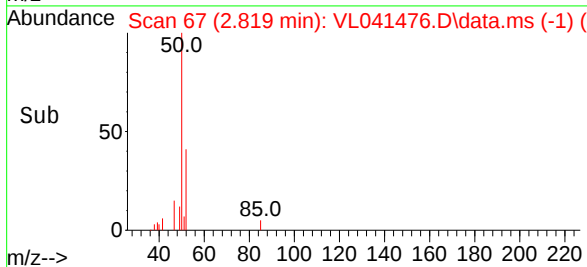
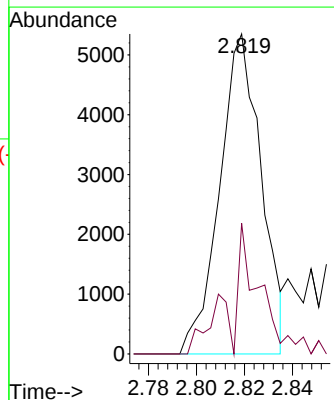
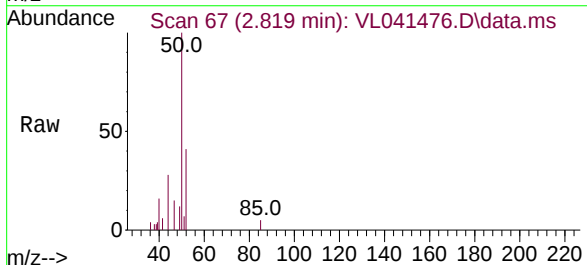
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

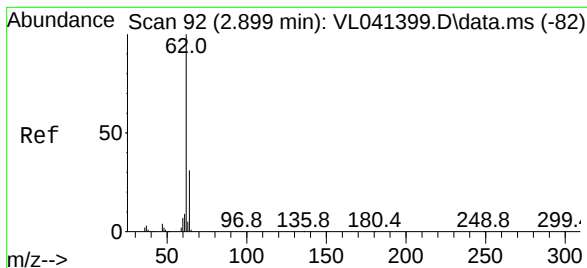
Tgt Ion: 51 Resp: 13846
Ion Ratio Lower Upper
51 100
67 18.8 14.5 21.7



#4
Chloromethane
Concen: 0.115 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion: 50 Resp: 6433
Ion Ratio Lower Upper
50 100
52 40.9 26.1 39.1#





#5

Vinyl Chloride

Concen: 0.095 ppbv

RT: 2.925 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

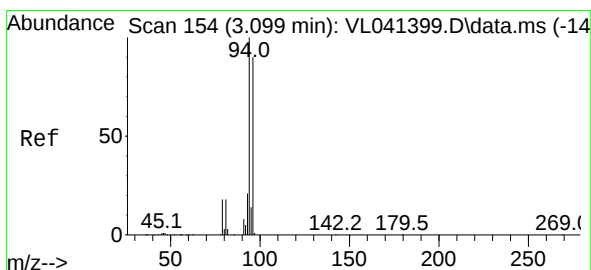
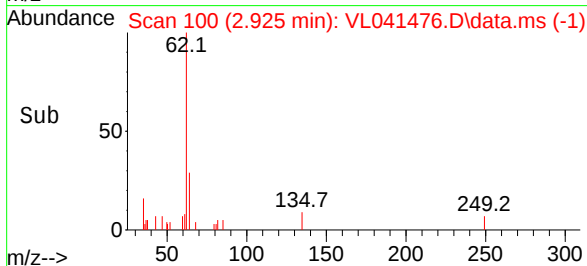
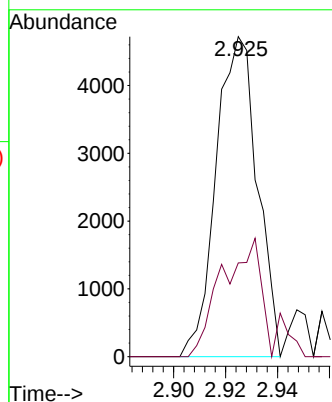
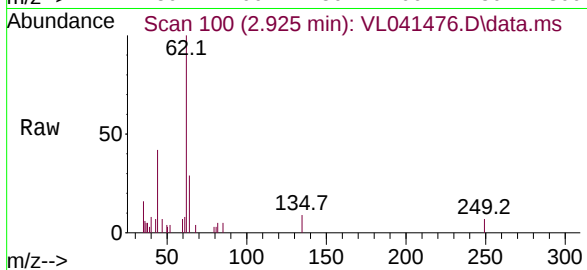
MDL-AIR-03-QT3-2024

Tgt Ion: 62 Resp: 5211

Ion Ratio Lower Upper

62 100

64 29.3 25.0 37.4



#6

Bromomethane

Concen: 0.120 ppbv

RT: 3.127 min Scan# 163

Delta R.T. 0.009 min

Lab File: VL041476.D

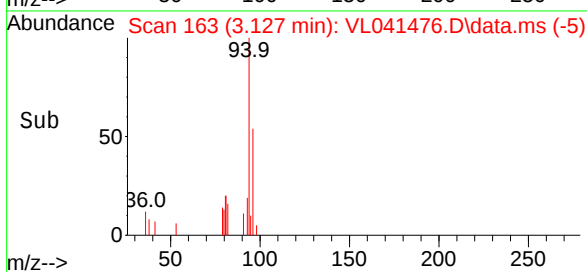
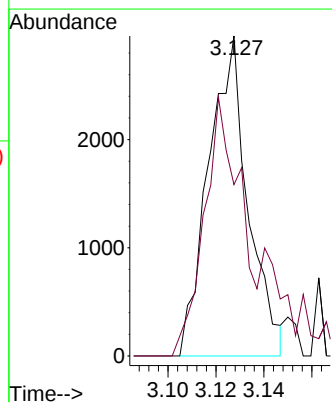
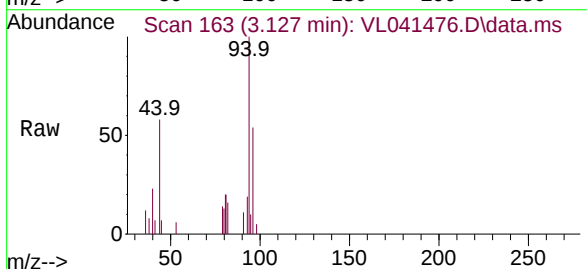
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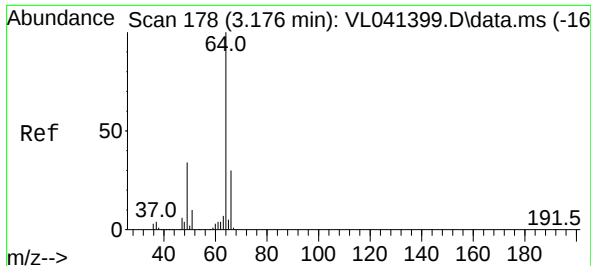
Tgt Ion: 94 Resp: 3385

Ion Ratio Lower Upper

94 100

96 47.3 72.3 108.5#

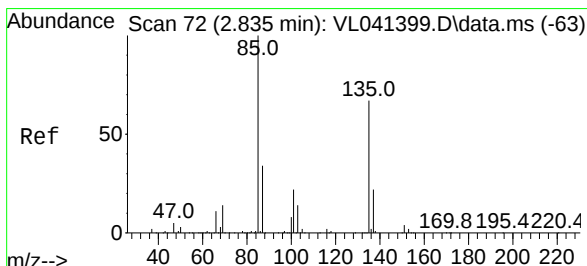
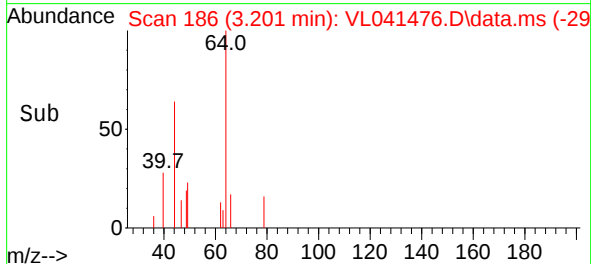
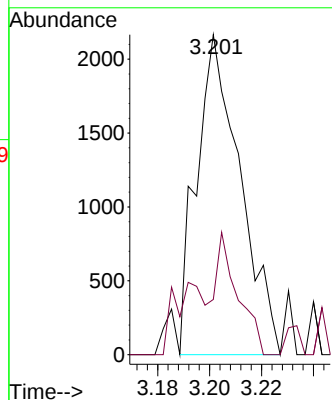
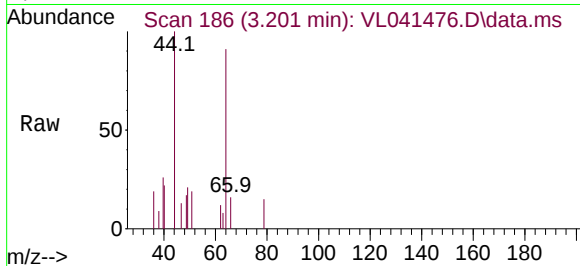




#7
Chloroethane
Concen: 0.133 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

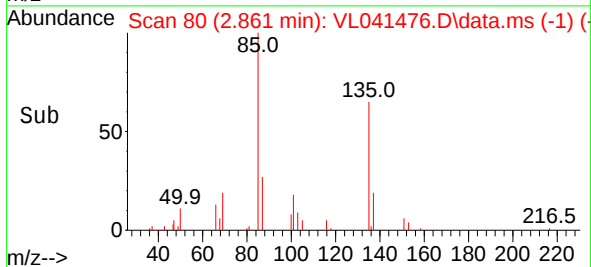
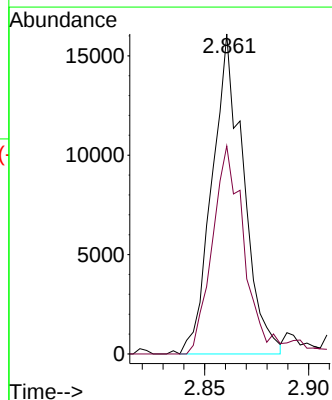
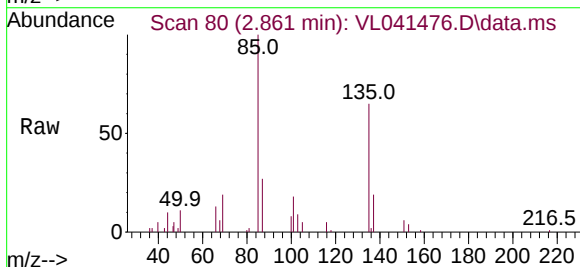
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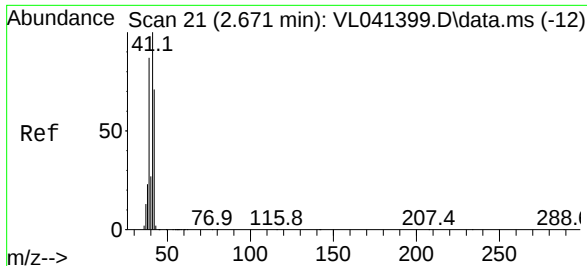
Tgt Ion: 64 Resp: 2528
Ion Ratio Lower Upper
64 100
66 17.3 24.2 36.2#



#8
Dichlorotetrafluoroethane
Concen: 0.125 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion: 85 Resp: 16860
Ion Ratio Lower Upper
85 100
135 69.5 55.4 83.0

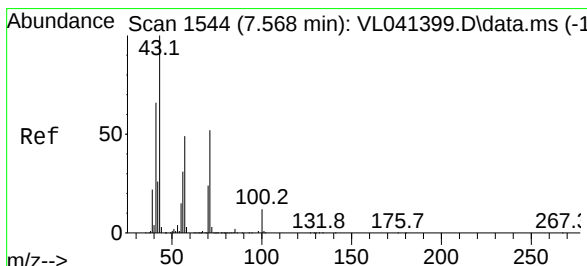
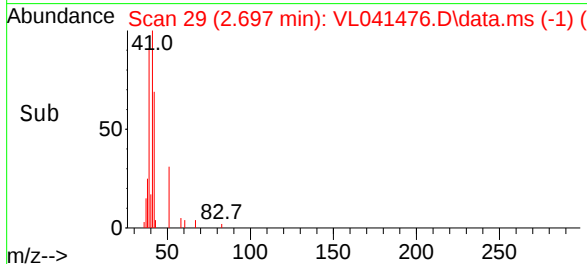
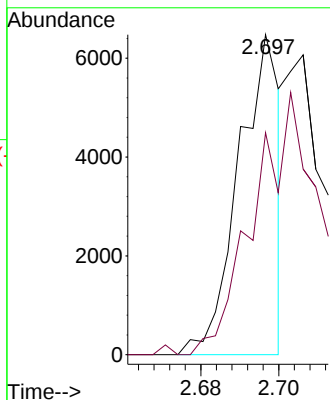
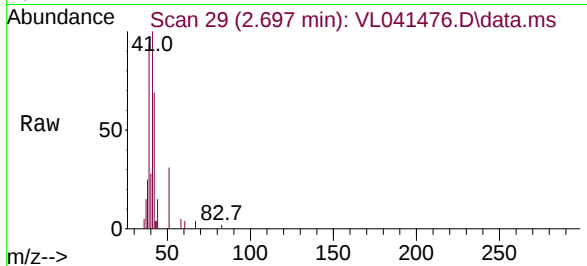




#9
Propene
Concen: 0.098 ppbv
RT: 2.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

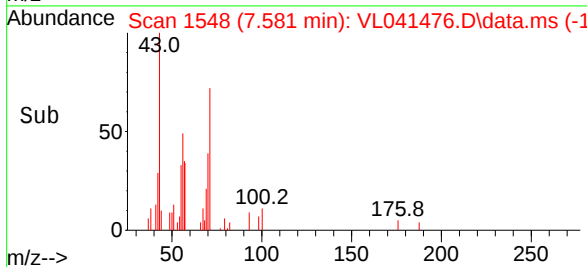
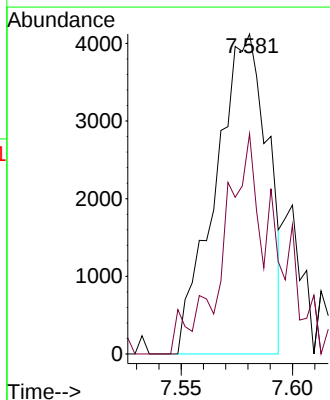
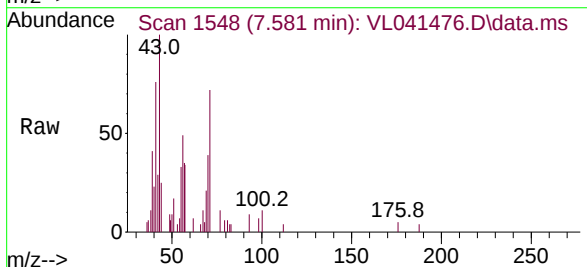
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

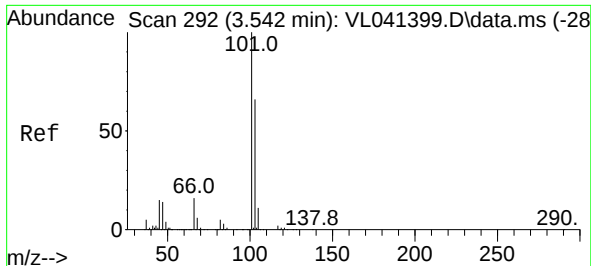
Tgt Ion: 41 Resp: 4738
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#



#10
Heptane
Concen: 0.062 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion: 43 Resp: 6728
Ion Ratio Lower Upper
43 100
57 70.5 40.5 60.7#





#11

Trichlorofluoromethane

Concen: 0.068 ppbv

RT: 3.565 min Scan# 20

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

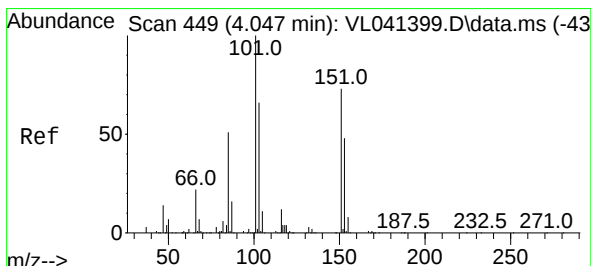
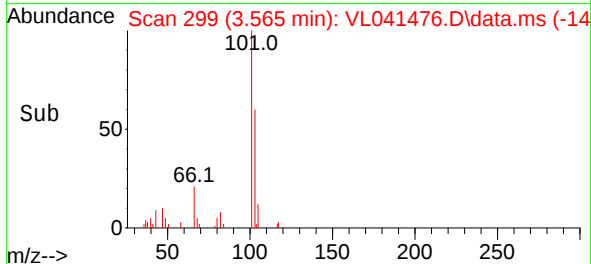
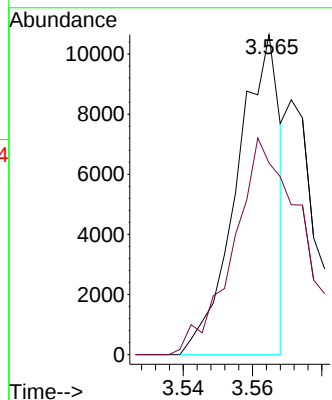
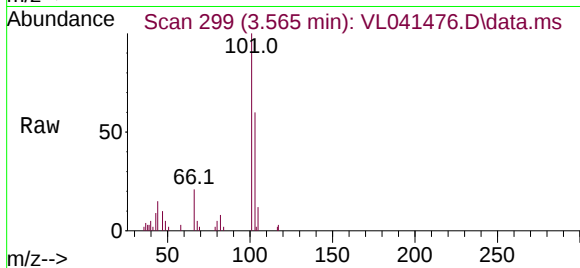
MDL-AIR-03-QT3-2024

Tgt Ion:101 Resp: 9217

Ion Ratio Lower Upper

101 100

103 58.3 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.114 ppbv

RT: 4.066 min Scan# 455

Delta R.T. 0.003 min

Lab File: VL041476.D

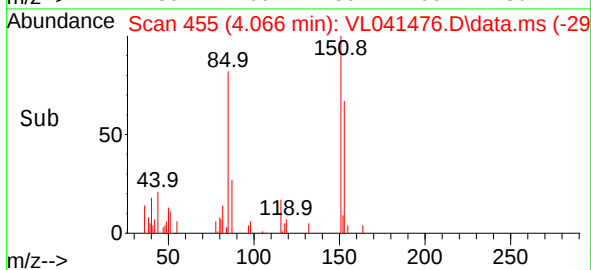
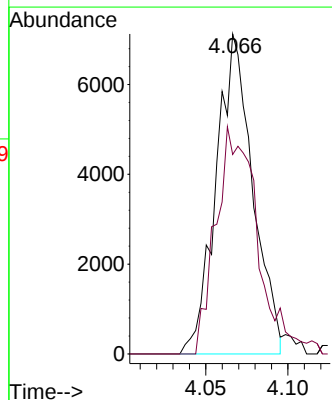
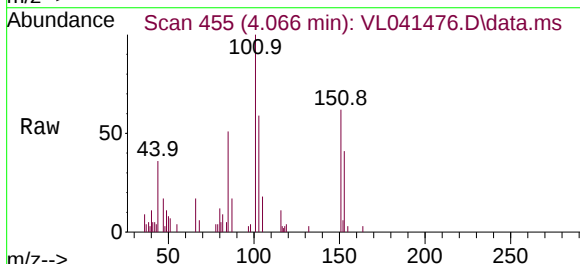
Acq: 1 Aug 2024 13:30

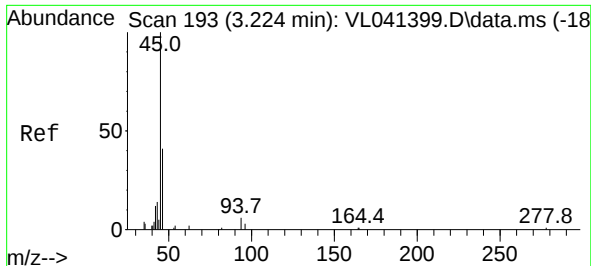
Tgt Ion:101 Resp: 11059

Ion Ratio Lower Upper

101 100

151 82.0 59.4 89.2





#13

Ethanol

Concen: 0.030 ppbv

RT: 3.253 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

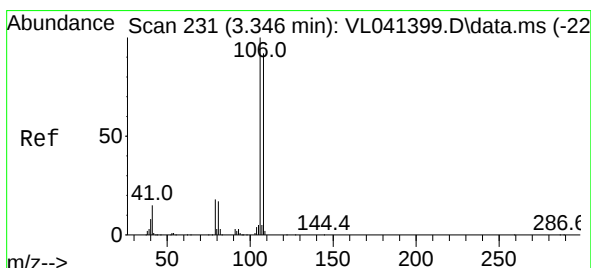
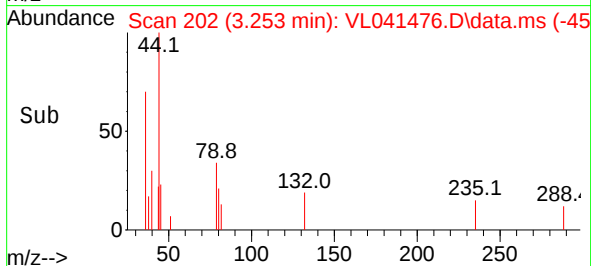
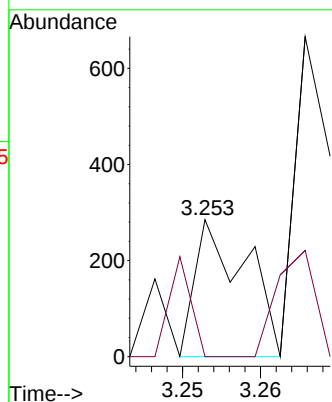
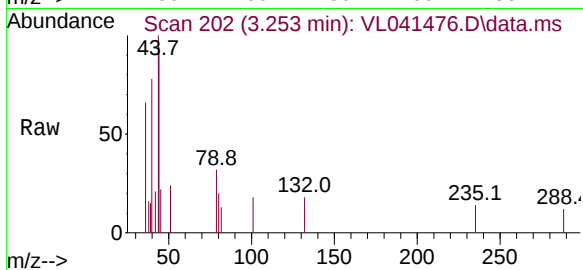
MDL-AIR-03-QT3-2024

Tgt Ion: 45 Resp: 129

Ion Ratio Lower Upper

45 100

46 0.0 13.4 53.4#



#14

Bromoethene

Concen: 0.047 ppbv

RT: 3.372 min Scan# 239

Delta R.T. 0.009 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

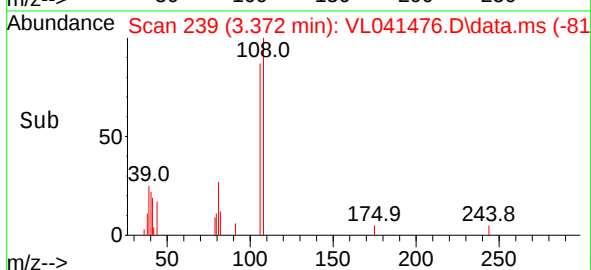
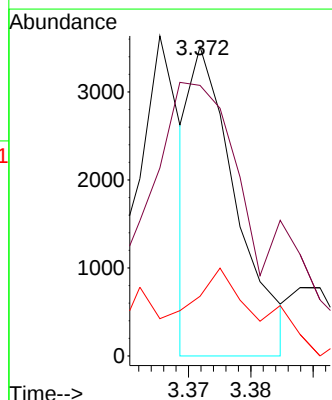
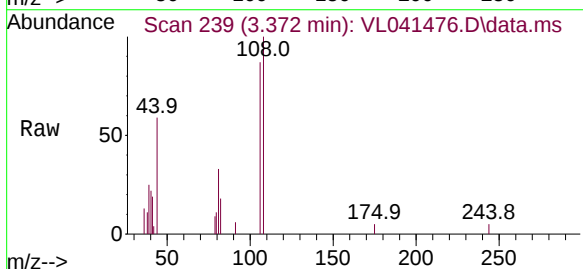
Tgt Ion:108 Resp: 1769

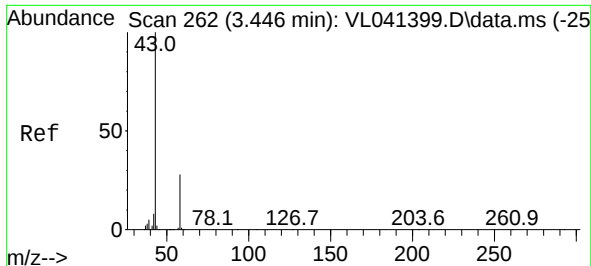
Ion Ratio Lower Upper

108 100

106 269.9 86.9 130.3#

79 86.0 16.2 24.4#





#15

Acetone

Concen: 0.210 ppbv

RT: 3.494 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

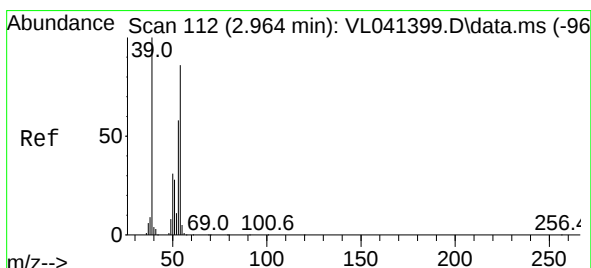
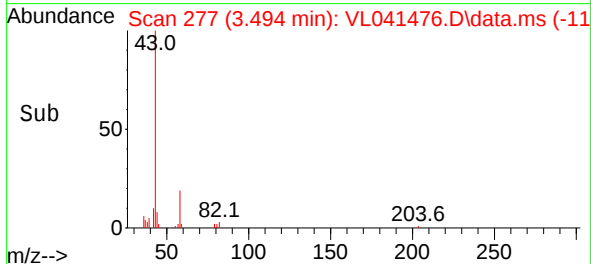
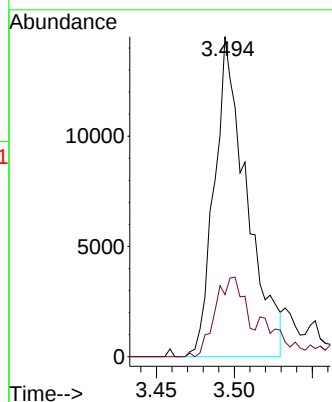
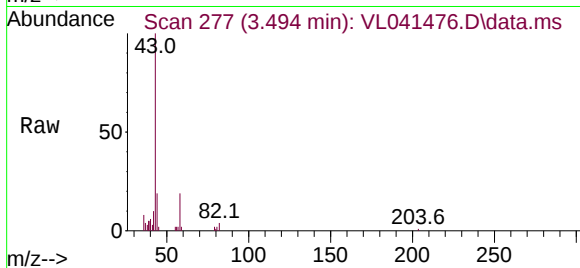
MDL-AIR-03-QT3-2024

Tgt Ion: 43 Resp: 21021

Ion Ratio Lower Upper

43 100

58 35.3 21.4 32.2#



#16

1,3-Butadiene

Concen: 0.088 ppbv

RT: 2.986 min Scan# 119

Delta R.T. -0.000 min

Lab File: VL041476.D

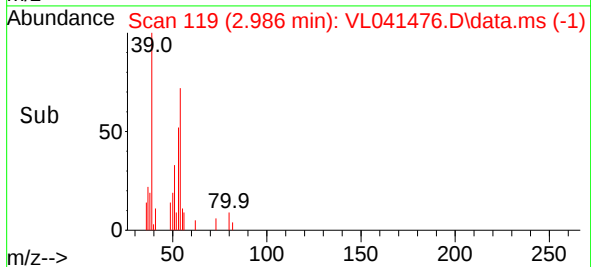
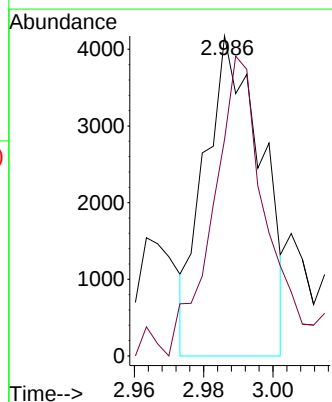
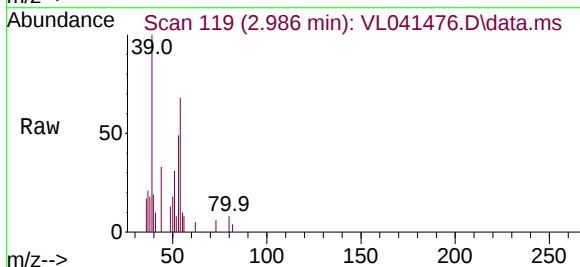
Acq: 1 Aug 2024 13:30

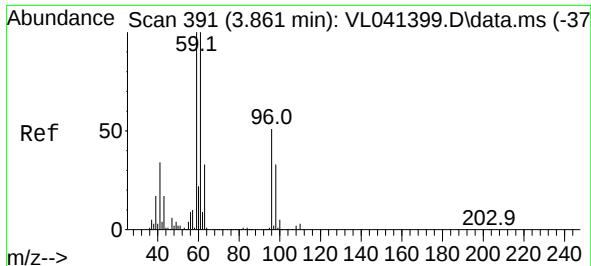
Tgt Ion: 39 Resp: 4731

Ion Ratio Lower Upper

39 100

54 98.1 62.5 93.7#





#17

tert-Butyl alcohol

Concen: 0.009 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.016 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

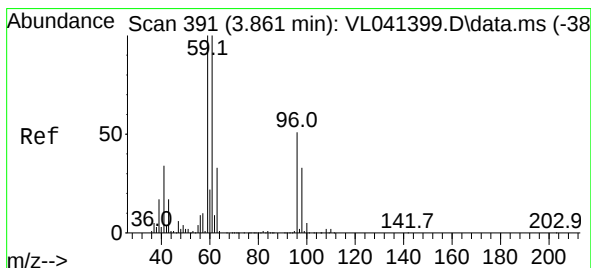
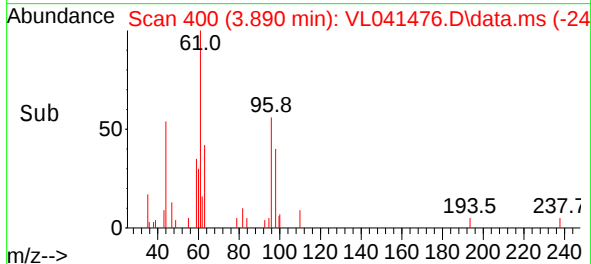
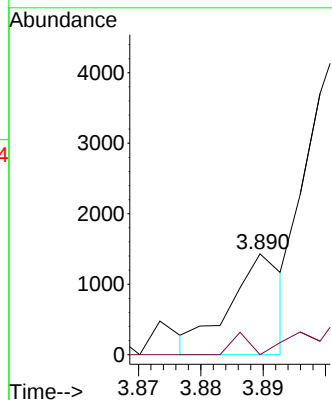
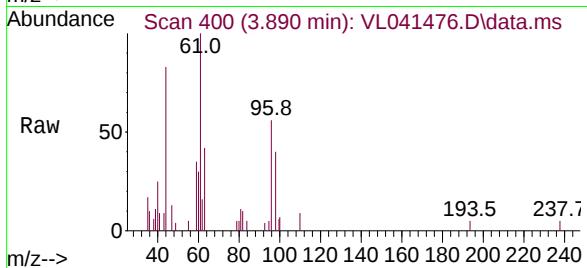
MDL-AIR-03-QT3-2024

Tgt Ion: 59 Resp: 843

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.116 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.006 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

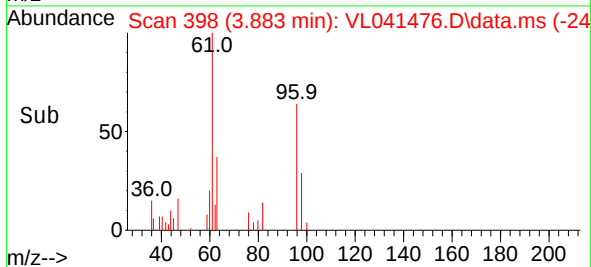
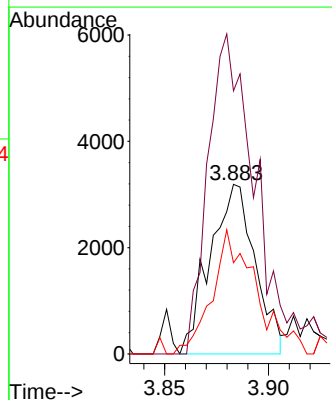
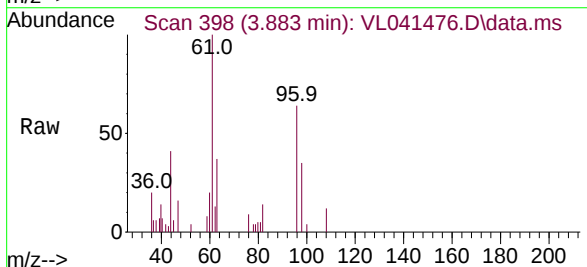
Tgt Ion: 96 Resp: 4820

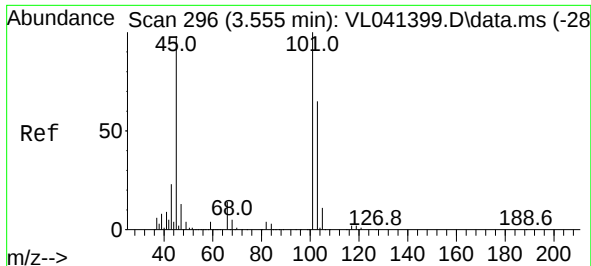
Ion Ratio Lower Upper

96 100

61 155.1 157.5 236.3#

98 48.7 51.2 76.8#





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.574 min Scan# 302

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

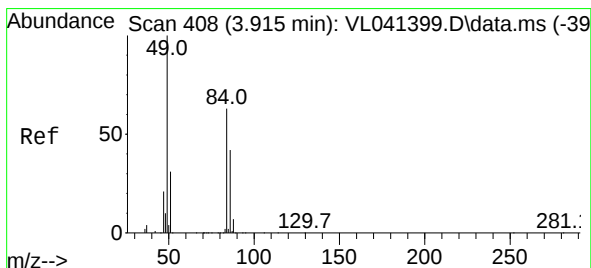
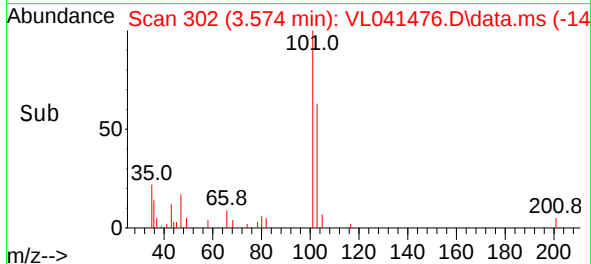
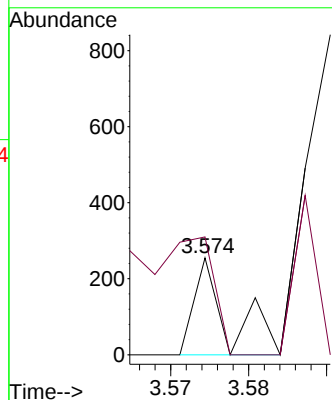
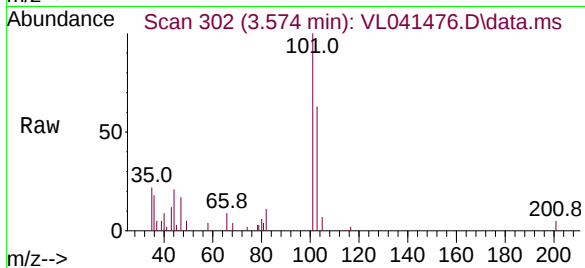
MDL-AIR-03-QT3-2024

Tgt Ion: 45 Resp: 78

Ion Ratio Lower Upper

45 100

58 0.0 1.9 2.9#



#20

Methylene Chloride

Concen: 0.219 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion: 84 Resp: 8165

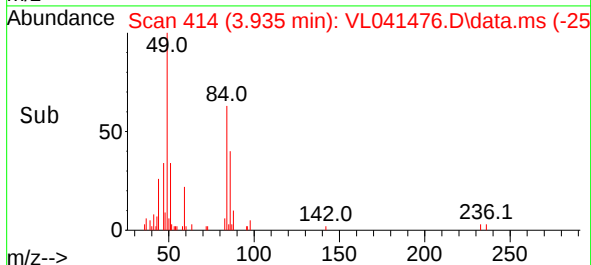
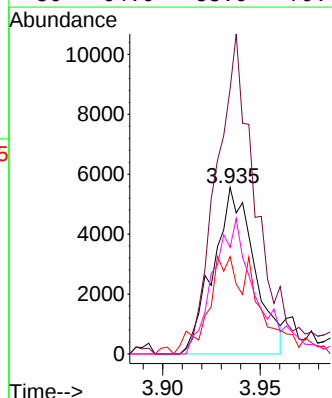
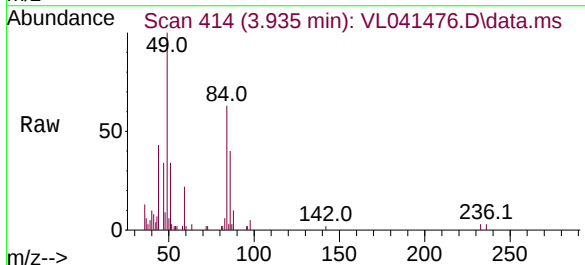
Ion Ratio Lower Upper

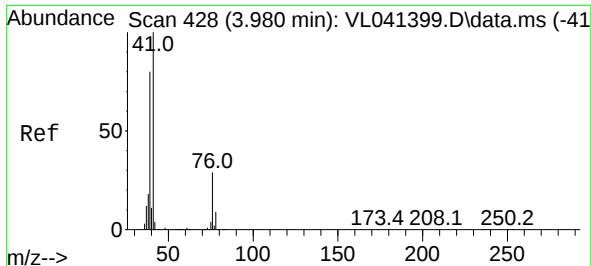
84 100

49 159.4 126.6 190.0

51 53.5 38.6 58.0

86 64.0 53.0 79.4





#21

Allyl Chloride

Concen: 0.109 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

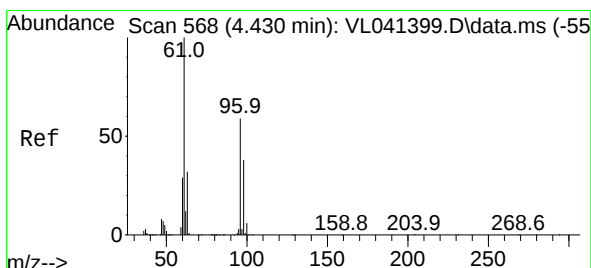
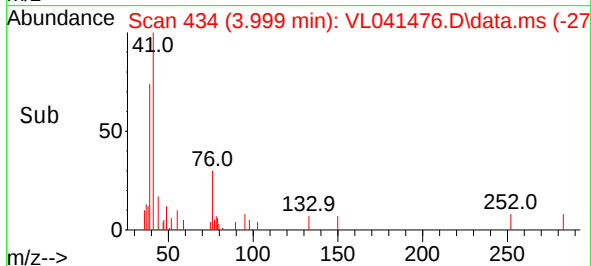
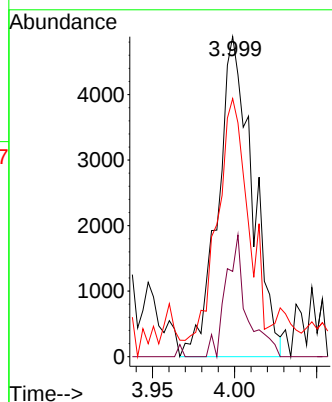
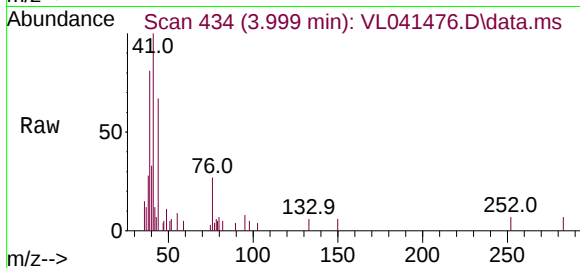
Tgt Ion: 41 Resp: 7144

Ion Ratio Lower Upper

41 100

76 23.0 23.7 35.5#

39 77.2 64.3 96.5



#22

trans-1,2-Dichloroethene

Concen: 0.081 ppbv

RT: 4.452 min Scan# 575

Delta R.T. 0.009 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

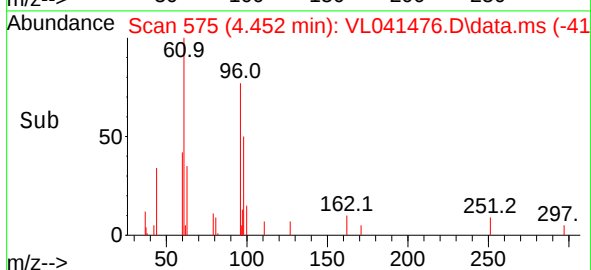
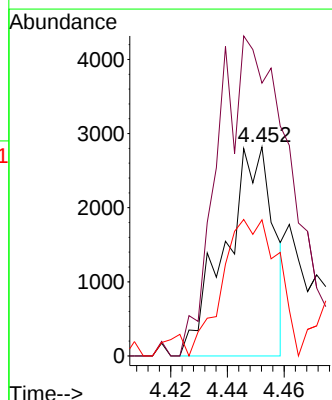
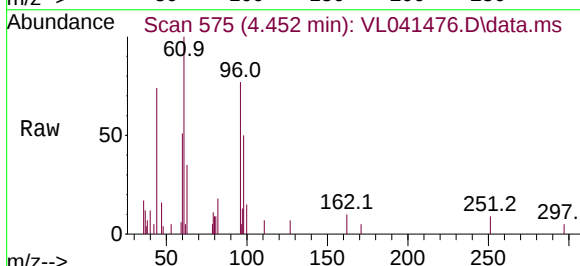
Tgt Ion: 96 Resp: 3346

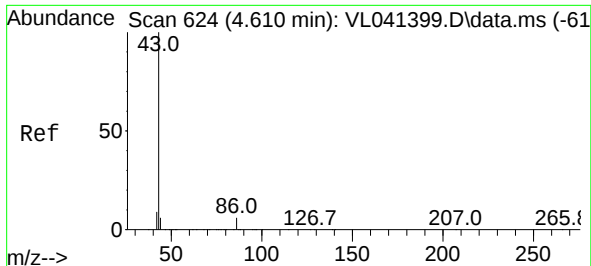
Ion Ratio Lower Upper

96 100

61 136.8 135.4 203.2

98 54.8 51.0 76.4

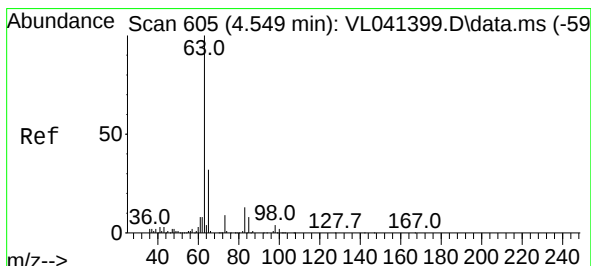
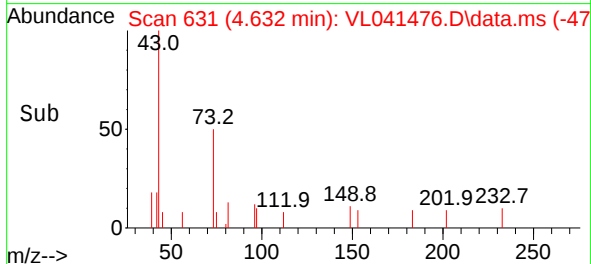
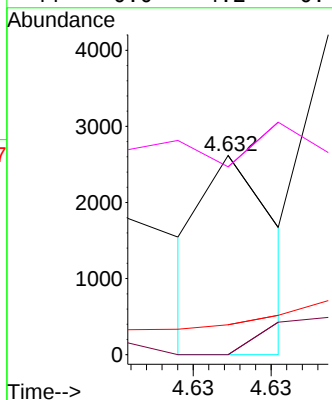
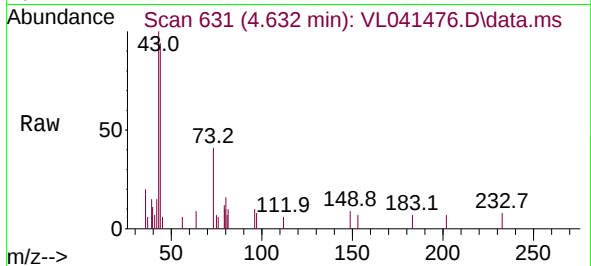




#23
Vinyl Acetate
Concen: 0.011 ppbv
RT: 4.632 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

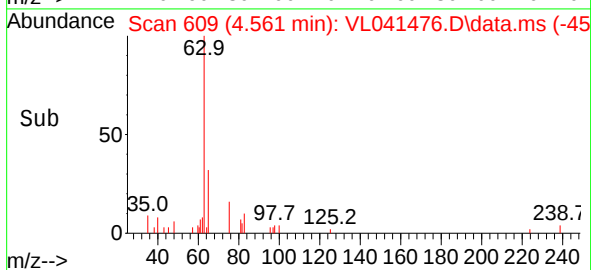
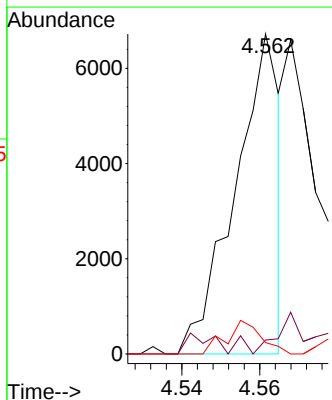
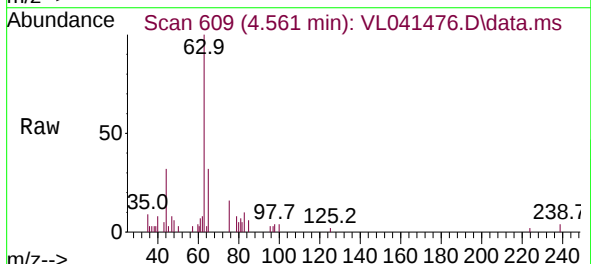
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

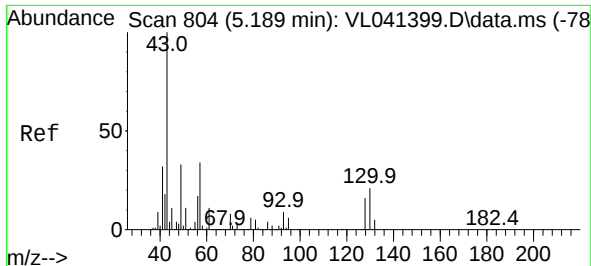
Tgt Ion:	43	Resp:	828
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.6	6.8#
42	5.4	7.9	11.9#
44	0.0	4.2	6.4#



#24
1,1-Dichloroethane
Concen: 0.059 ppbv
RT: 4.561 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion:	63	Resp:	5334
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.0	6.0
100	3.5	1.2	3.6





#25

Ethyl Acetate

Concen: 0.051 ppbv

RT: 5.217 min Scan# 813

Delta R.T. 0.016 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 43 Resp: 10213

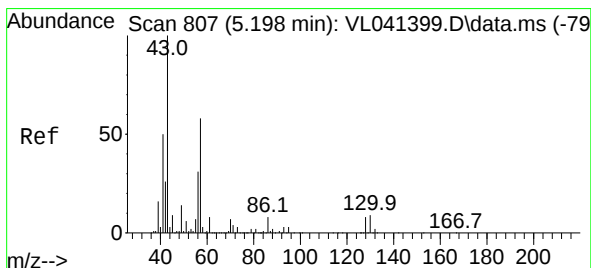
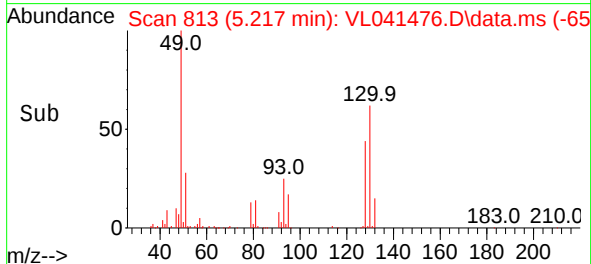
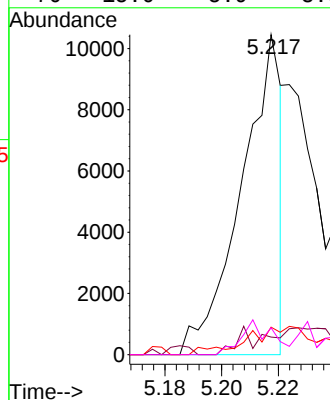
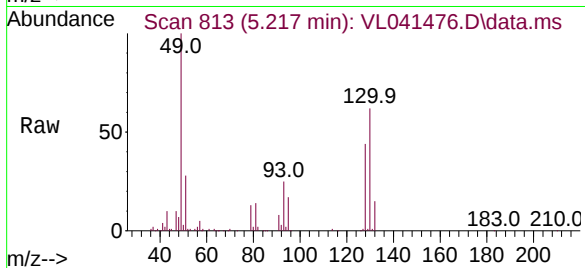
Ion Ratio Lower Upper

43 100

45 0.0 8.5 12.7#

61 0.0 8.0 12.0#

70 15.0 5.9 8.9#



#26

Hexane

Concen: 0.051 ppbv

RT: 5.217 min Scan# 813

Delta R.T. 0.006 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion: 57 Resp: 4246

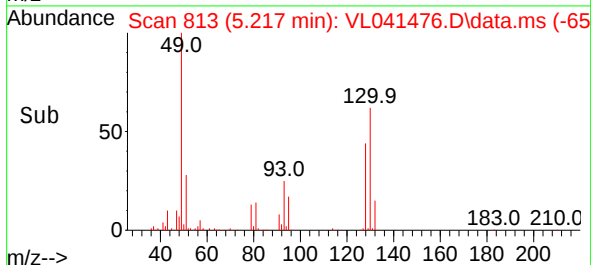
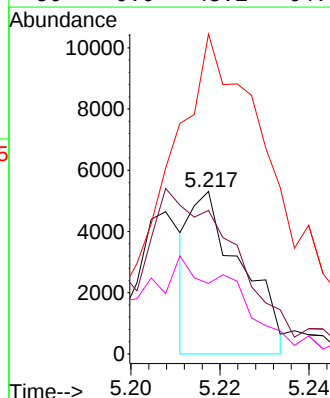
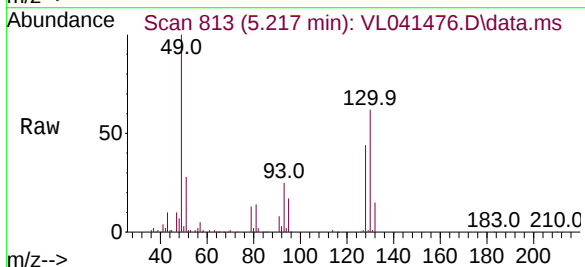
Ion Ratio Lower Upper

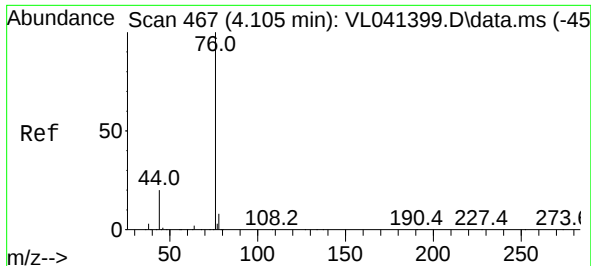
57 100

41 0.0 74.0 111.0#

43 504.8 193.6 290.4#

56 0.0 43.1 64.7#





#27

Carbon Disulfide

Concen: 0.049 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

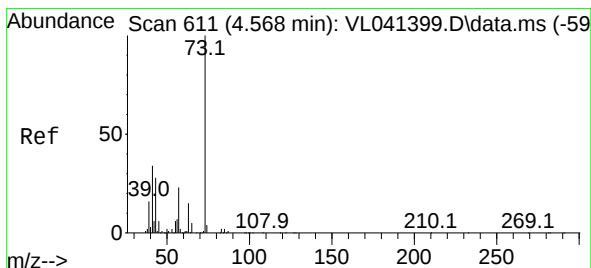
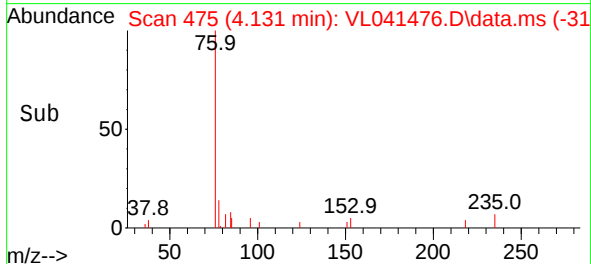
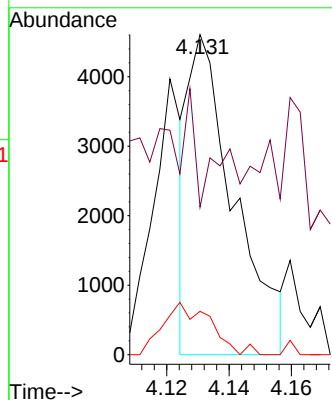
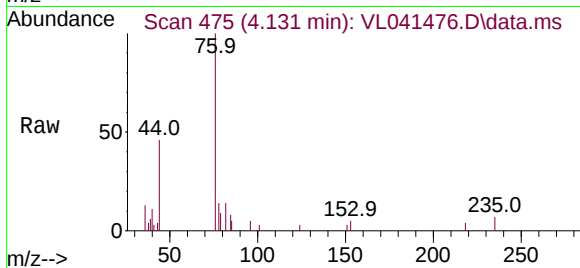
Tgt Ion: 76 Resp: 4725

Ion Ratio Lower Upper

76 100

44 131.7 15.6 23.4#

78 18.9 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.014 ppbv

RT: 4.590 min Scan# 618

Delta R.T. 0.009 min

Lab File: VL041476.D

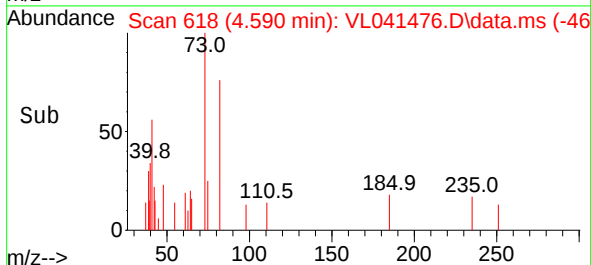
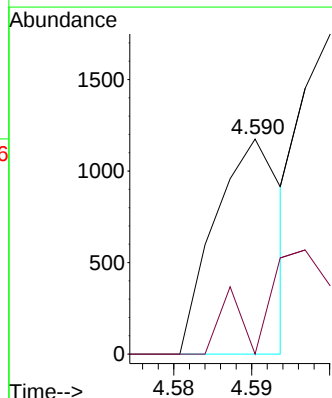
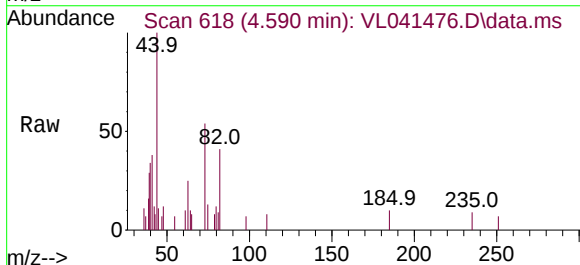
Acq: 1 Aug 2024 13:30

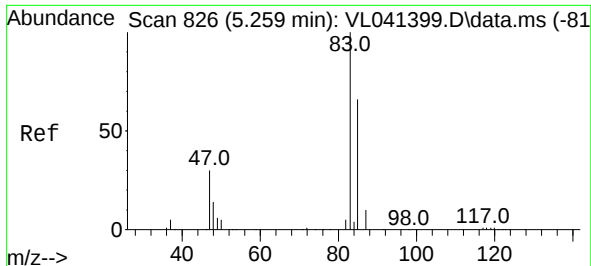
Tgt Ion: 73 Resp: 703

Ion Ratio Lower Upper

73 100

57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.118 ppbv

RT: 5.272 min Scan# 84

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

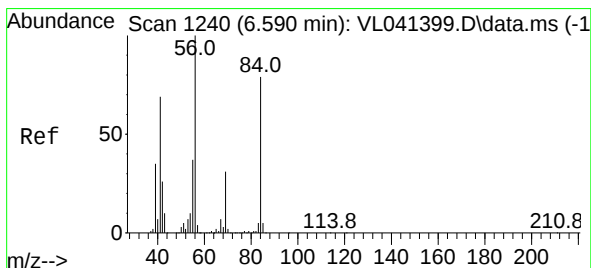
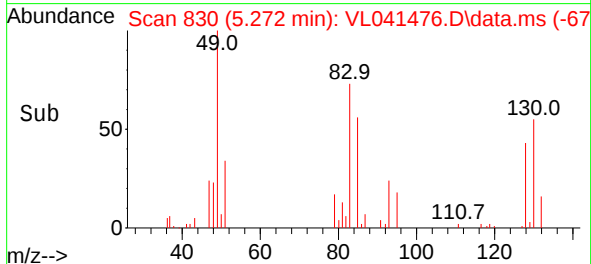
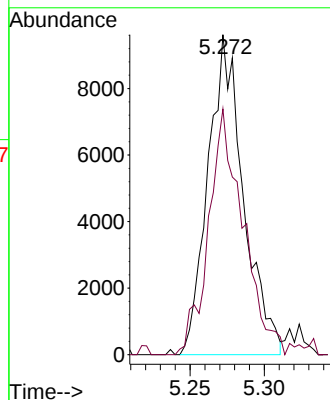
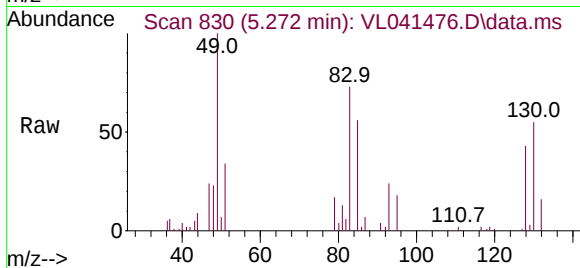
MDL-AIR-03-QT3-2024

Tgt Ion: 83 Resp: 15920

Ion Ratio Lower Upper

83 100

85 75.1 53.1 79.7



#30

Cyclohexane

Concen: 0.055 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

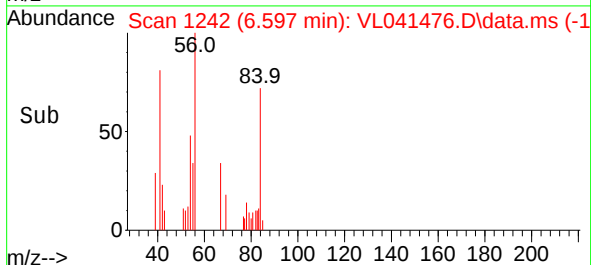
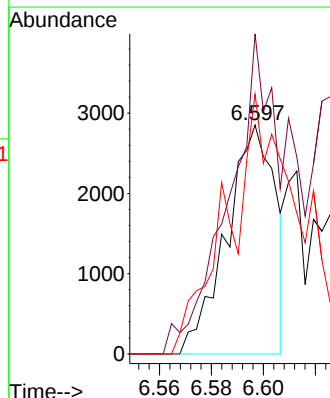
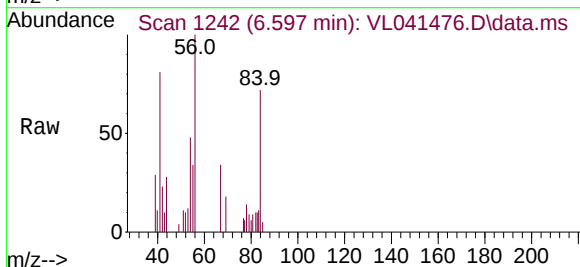
Tgt Ion: 84 Resp: 3689

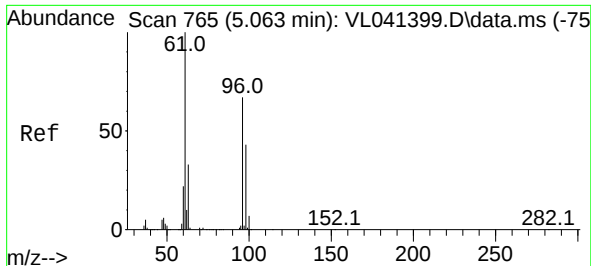
Ion Ratio Lower Upper

84 100

56 167.5 111.2 166.8#

41 183.8 70.3 105.5#





#31

cis-1,2-Dichloroethene

Concen: 0.053 ppbv

RT: 5.086 min Scan# 71

Delta R.T. 0.009 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

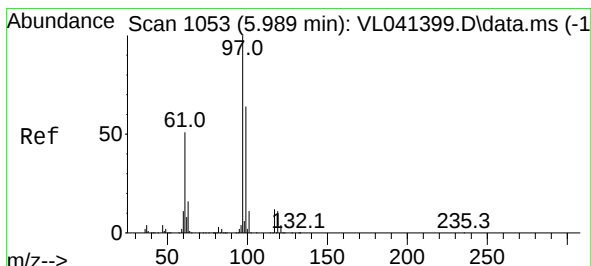
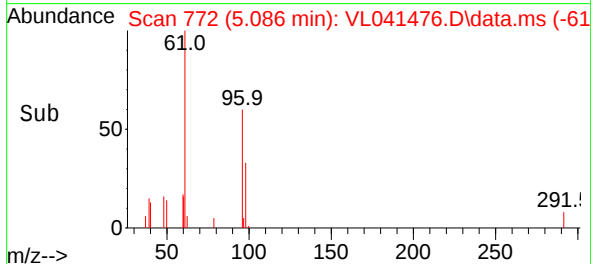
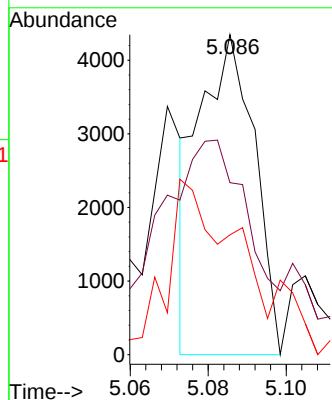
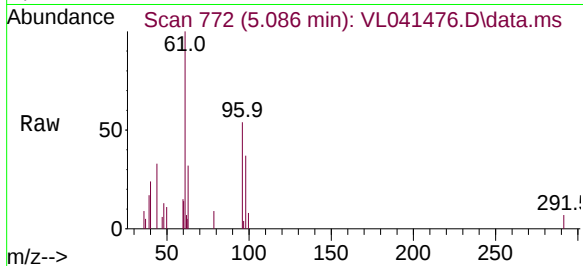
Tgt Ion: 61 Resp: 4293

Ion Ratio Lower Upper

61 100

96 37.7 53.4 80.2#

98 14.2 34.4 51.6#



#32

1,1,1-Trichloroethane

Concen: 0.042 ppbv

RT: 6.002 min Scan# 1057

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

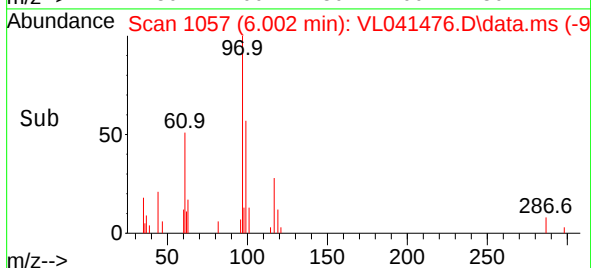
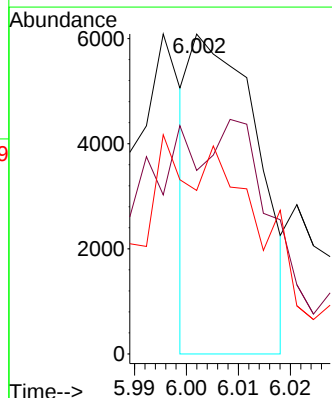
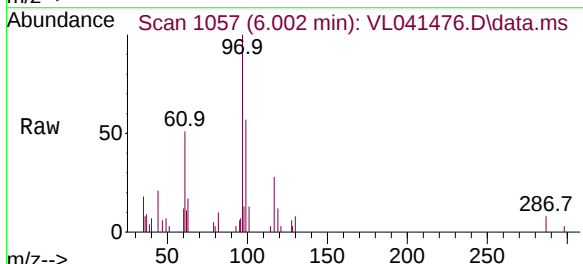
Tgt Ion: 97 Resp: 5454

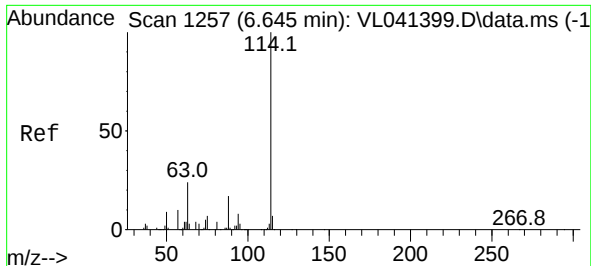
Ion Ratio Lower Upper

97 100

99 165.7 52.0 78.0#

61 0.0 41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

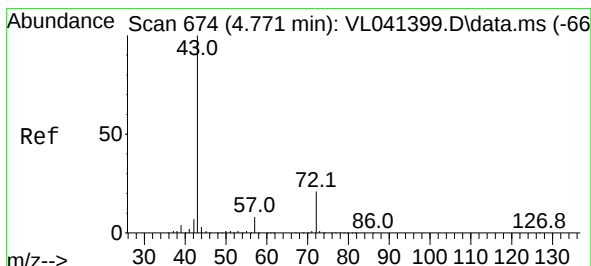
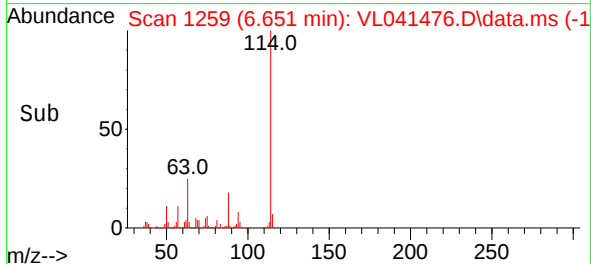
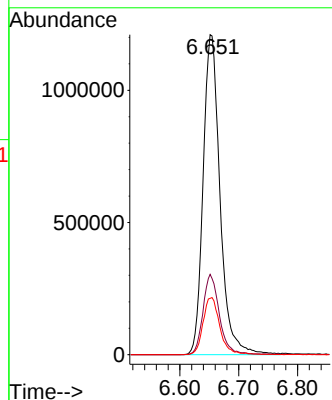
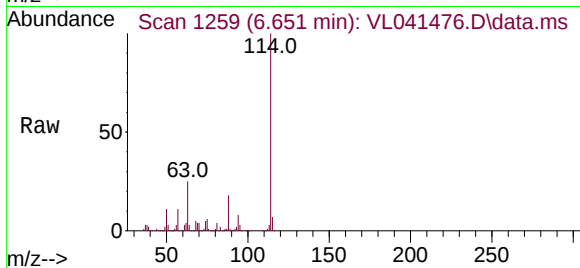
Tgt Ion:114 Resp: 2418368

Ion Ratio Lower Upper

114 100

63 24.6 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.019 min

Lab File: VL041476.D

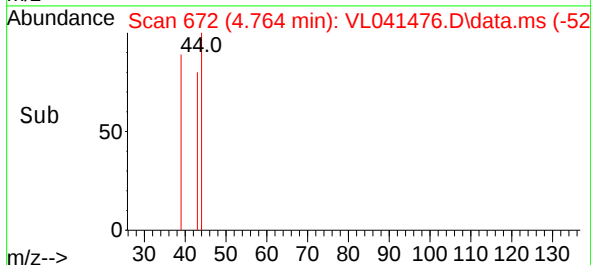
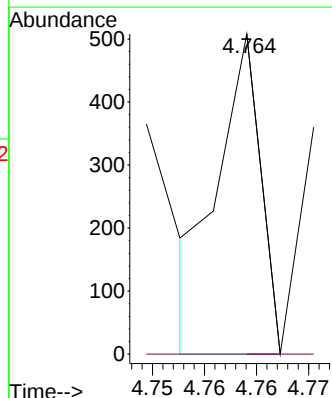
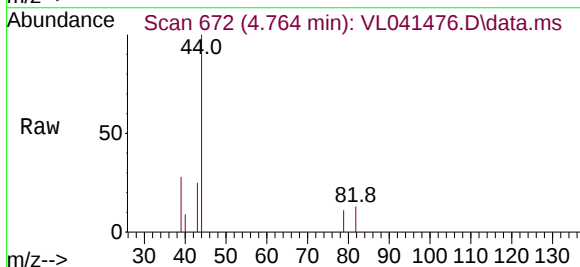
Acq: 1 Aug 2024 13:30

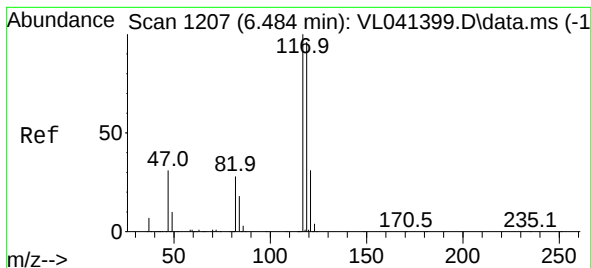
Tgt Ion: 43 Resp: 142

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.081 ppbv

RT: 6.500 min Scan# 11

Delta R.T. 0.009 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

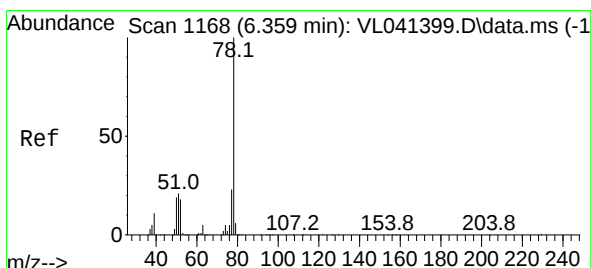
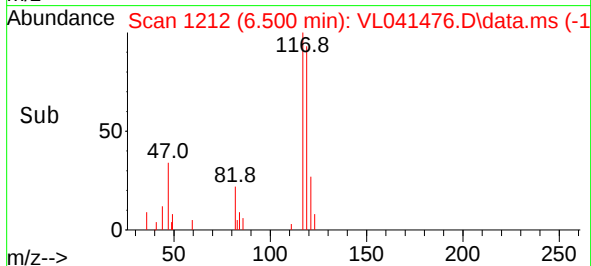
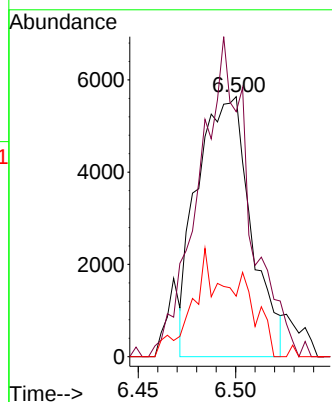
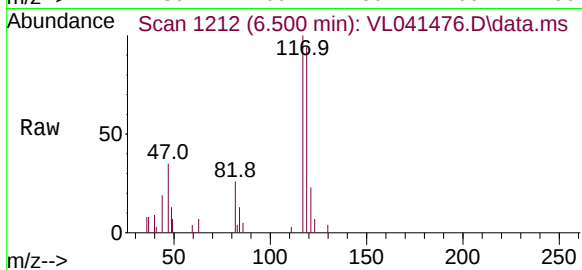
Tgt Ion:117 Resp: 10808

Ion Ratio Lower Upper

117 100

119 86.5 76.6 115.0

121 27.7 25.1 37.7



#36

Benzene

Concen: 0.087 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

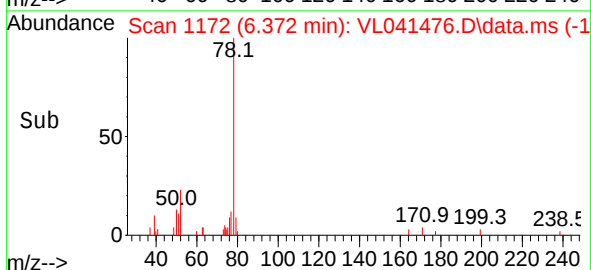
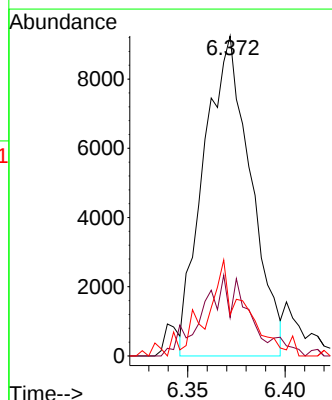
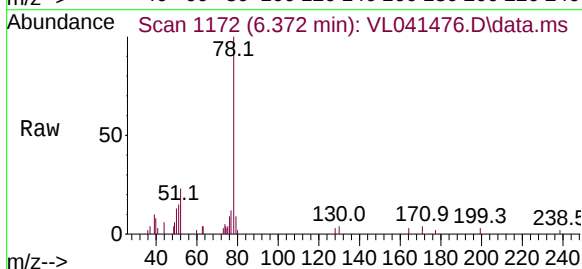
Tgt Ion: 78 Resp: 15449

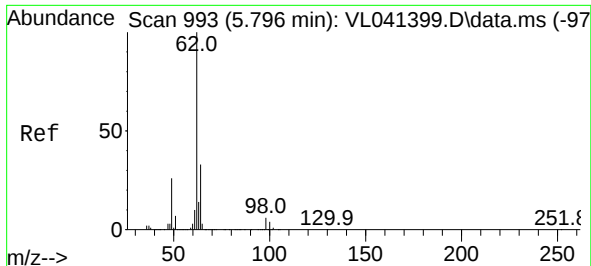
Ion Ratio Lower Upper

78 100

77 6.5 18.1 27.1#

50 11.1 15.5 23.3#





#37

1,2-Dichloroethane

Concen: 0.060 ppbv

RT: 5.806 min Scan# 993

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

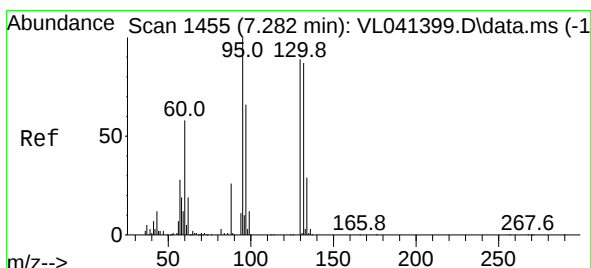
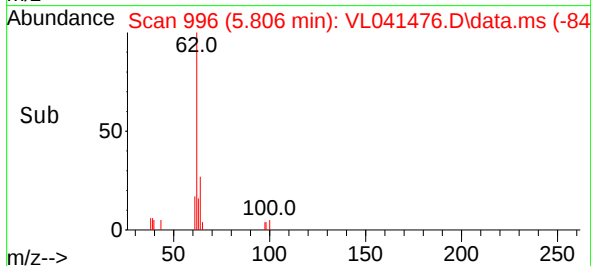
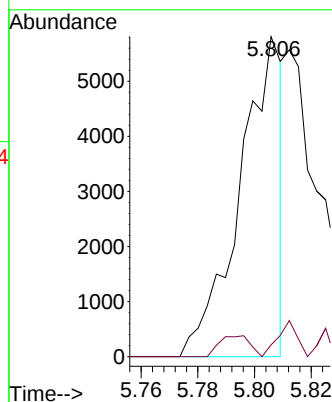
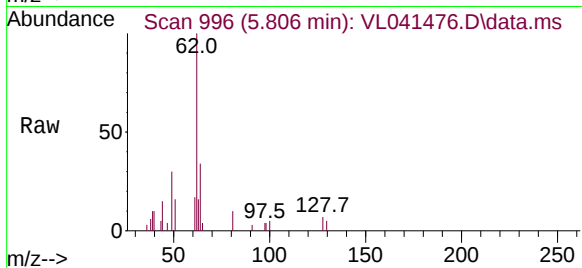
MDL-AIR-03-QT3-2024

Tgt Ion: 62 Resp: 5977

Ion Ratio Lower Upper

62 100

98 0.0 5.0 7.4#



#38

Trichloroethene

Concen: 0.040 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion:130 Resp: 3229

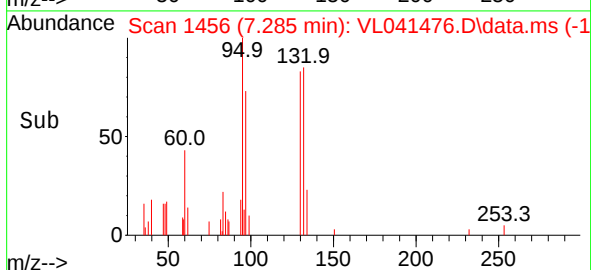
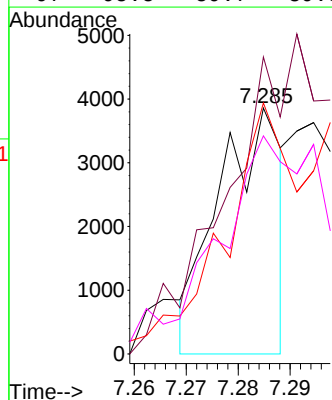
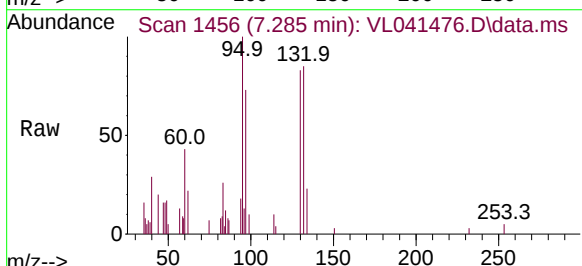
Ion Ratio Lower Upper

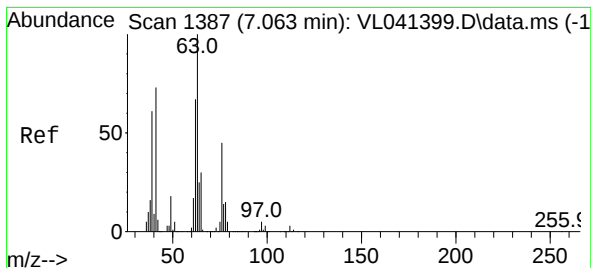
130 100

95 130.8 90.2 135.2

132 111.1 78.1 117.1

97 95.5 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 8.564 ppbv

RT: 6.651 min Scan# 1433

Delta R.T. -0.418 min

Lab File: VL041476.D

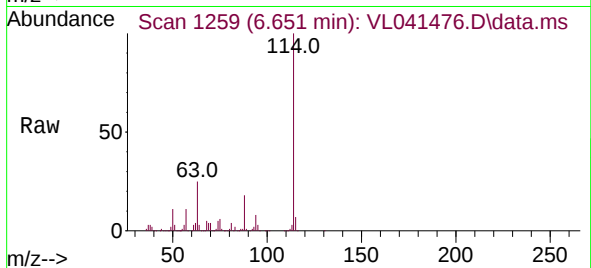
Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



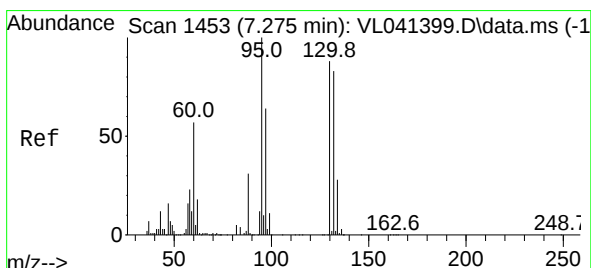
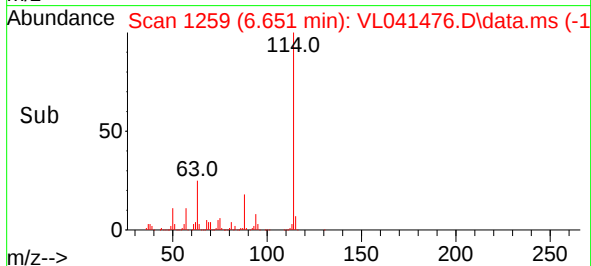
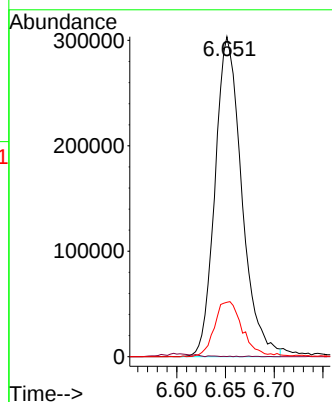
Tgt Ion: 63 Resp: 579387

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.0 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.211 min Scan# 1433

Delta R.T. -0.068 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion: 88 Resp: 137

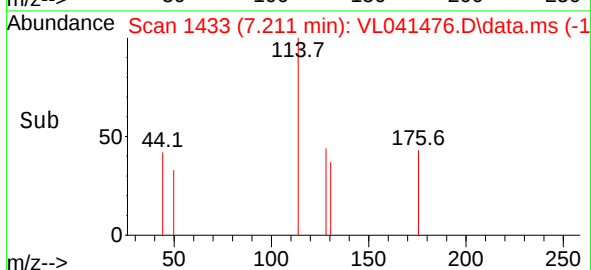
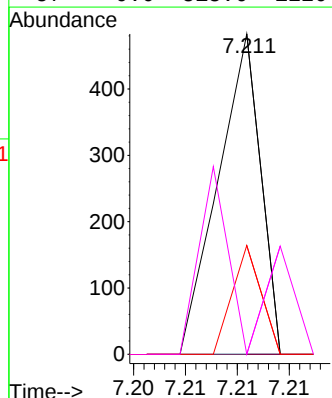
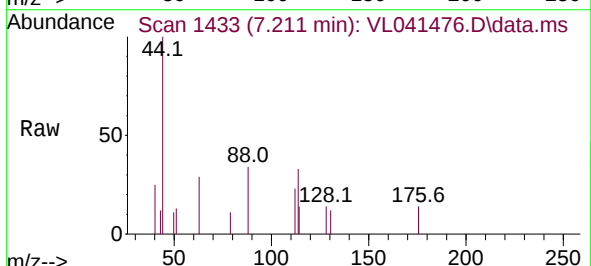
Ion Ratio Lower Upper

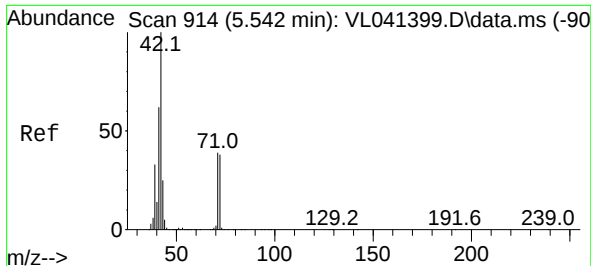
88 100

58 0.0 95.8 143.6#

43 246.7 188.2 282.2

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.014 ppbv

RT: 5.581 min Scan# 914

Delta R.T. 0.029 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

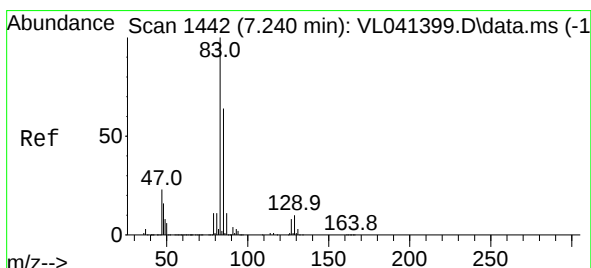
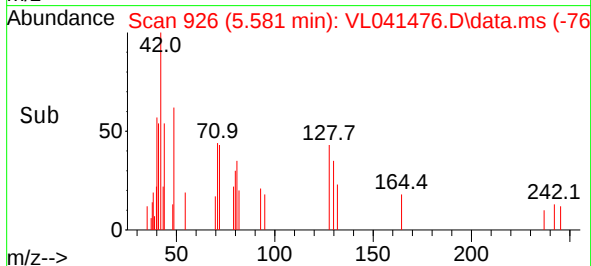
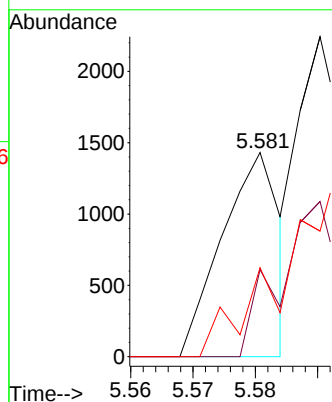
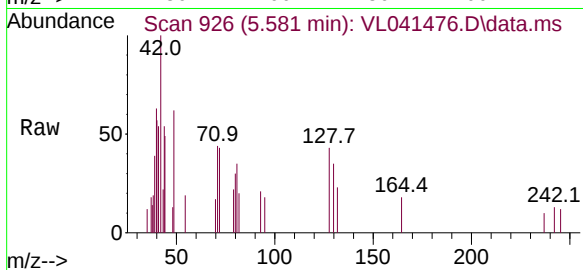
Tgt Ion: 42 Resp: 924

Ion Ratio Lower Upper

42 100

72 0.0 31.2 46.8#

71 0.0 30.5 45.7#



#42

Bromodichloromethane

Concen: 0.056 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

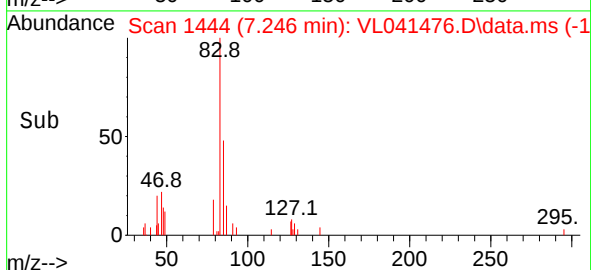
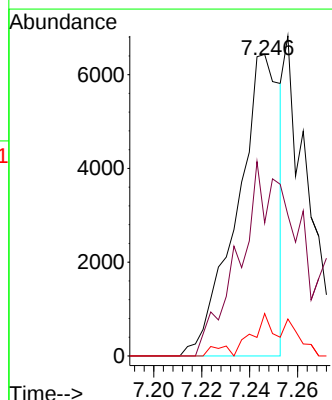
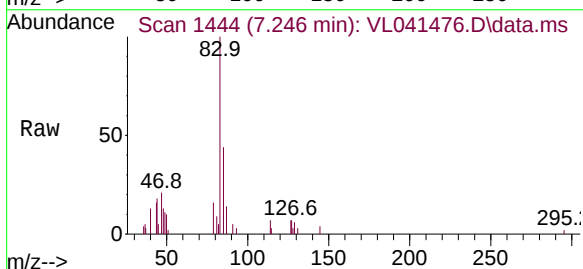
Tgt Ion: 83 Resp: 8004

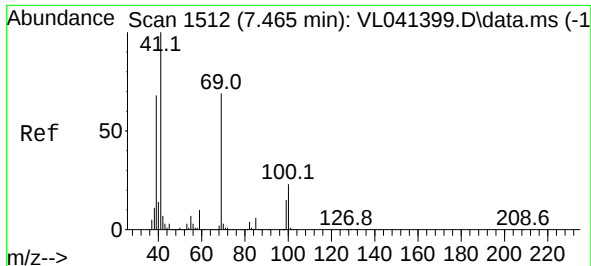
Ion Ratio Lower Upper

83 100

85 44.1 51.4 77.0#

127 14.0 6.7 10.1#





#43

Methyl Methacrylate

Concen: 0.048 ppbv

RT: 7.481 min Scan# 1469

Delta R.T. 0.009 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

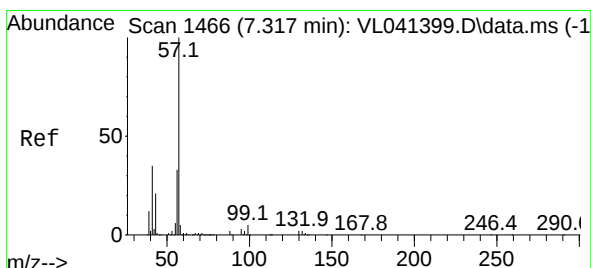
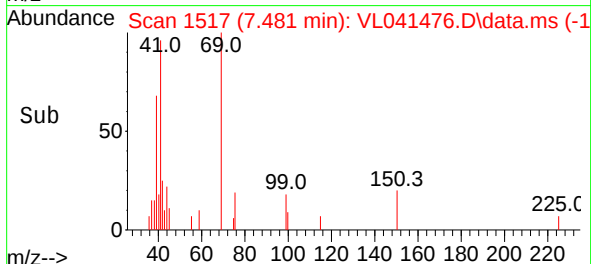
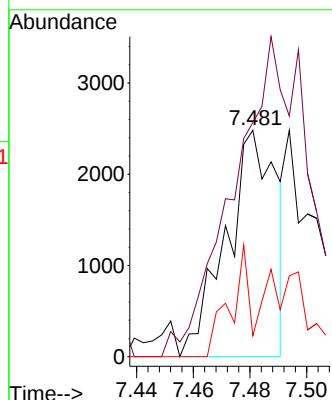
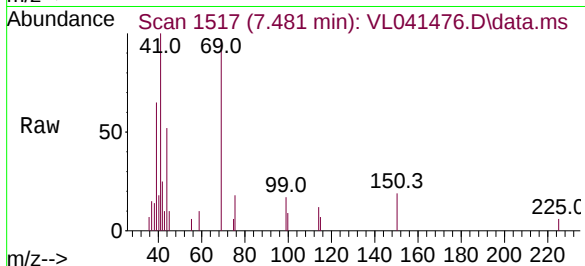
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion:	69	Resp:	3022
Ion Ratio	Lower	Upper	
69	100		
41	0.0	118.7	178.1#
100	55.3	27.0	40.4#



#44

2,2,4-Trimethylpentane

Concen: 0.043 ppbv

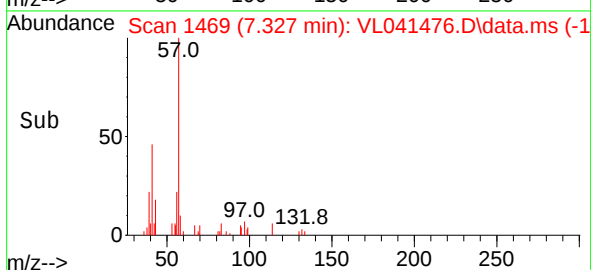
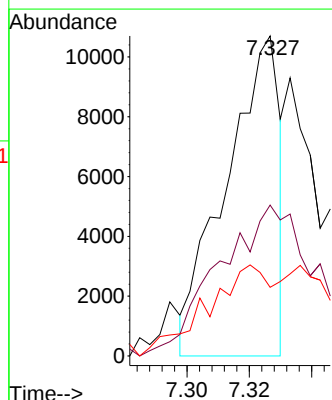
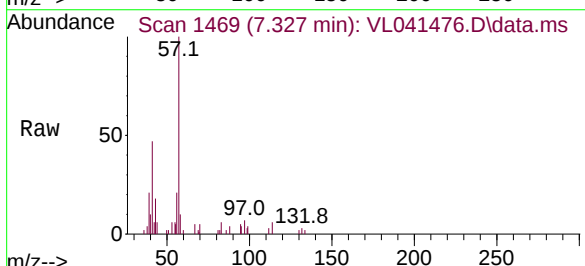
RT: 7.327 min Scan# 1469

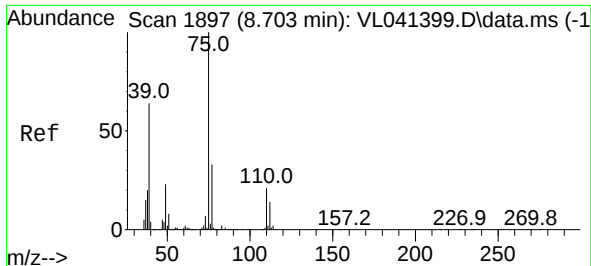
Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion:	57	Resp:	12805
Ion Ratio	Lower	Upper	
57	100		
41	94.7	27.0	40.6#
56	67.3	25.2	37.8#





#45

t-1,3-Dichloropropene

Concen: 0.025 ppbv

RT: 8.722 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

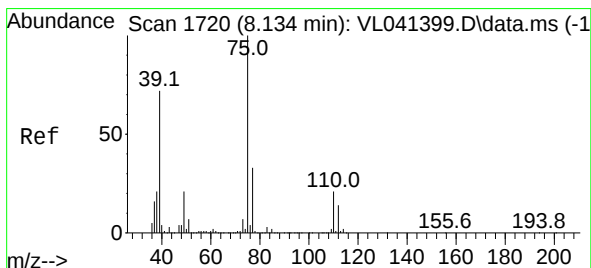
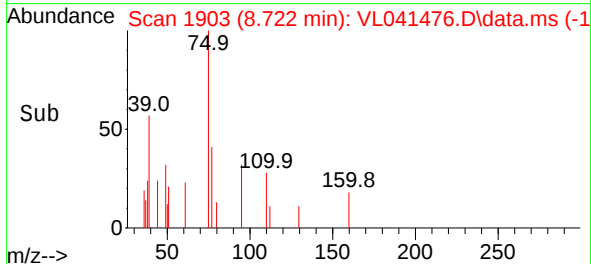
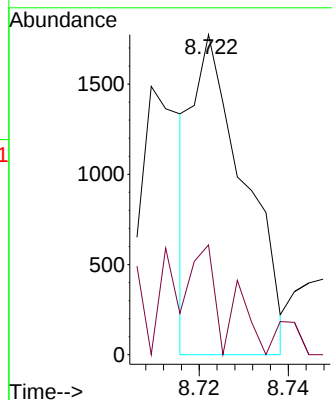
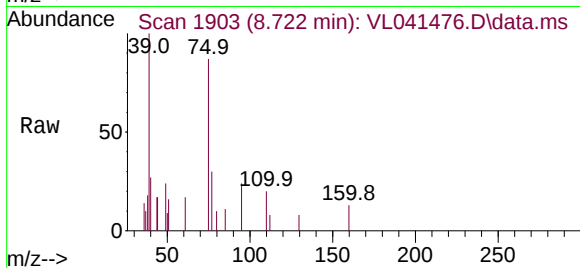
MDL-AIR-03-QT3-2024

Tgt Ion: 75 Resp: 1439

Ion Ratio Lower Upper

75 100

77 34.3 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 0.015 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.007 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

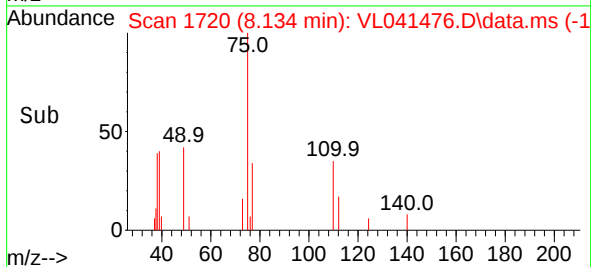
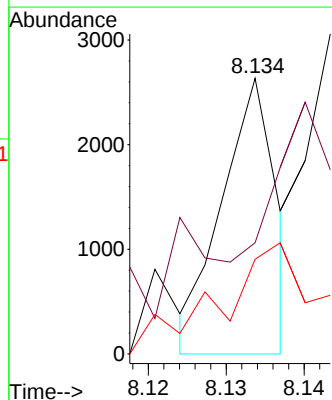
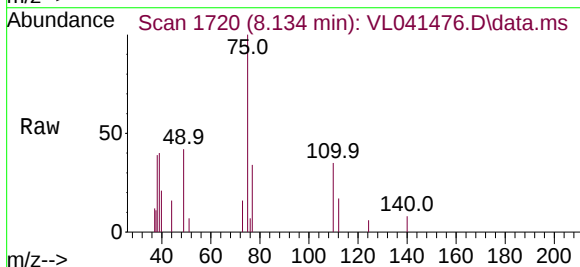
Tgt Ion: 75 Resp: 1277

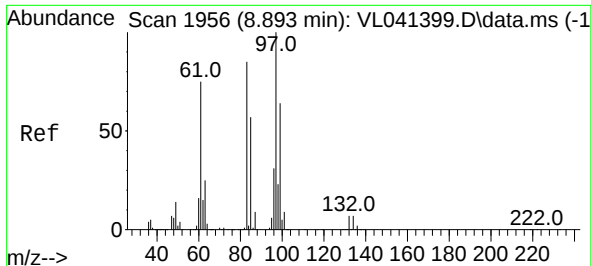
Ion Ratio Lower Upper

75 100

39 0.0 57.3 85.9#

77 31.6 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.046 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 97 Resp: 3410

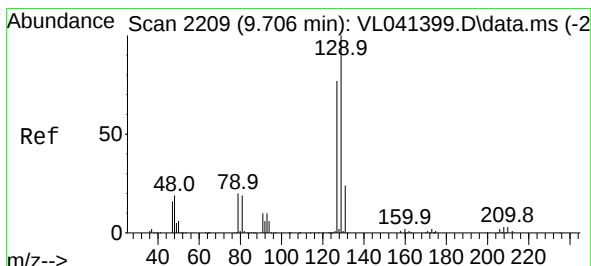
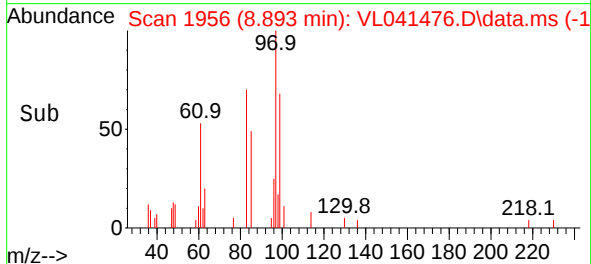
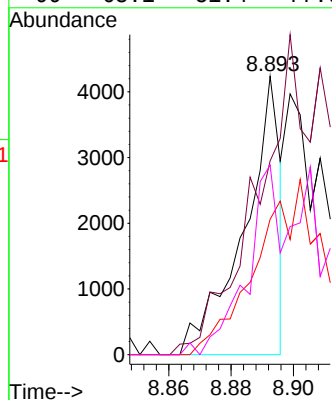
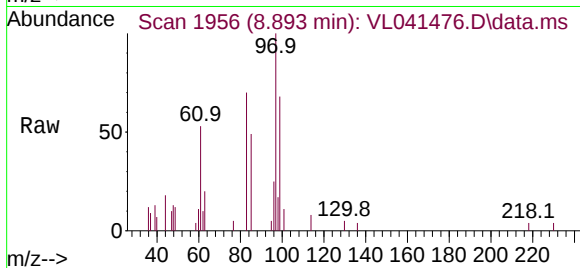
Ion Ratio Lower Upper

97 100

83 65.8 67.6 101.4#

85 48.6 45.9 68.9

99 68.1 51.4 77.0



#48

Dibromochloromethane

Concen: 0.067 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VL041476.D

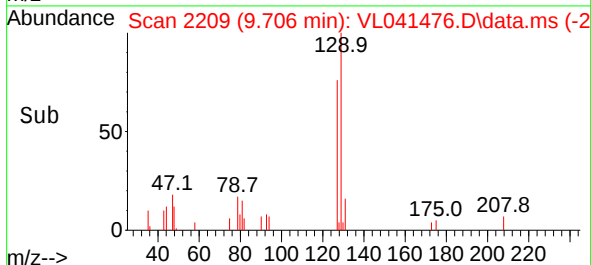
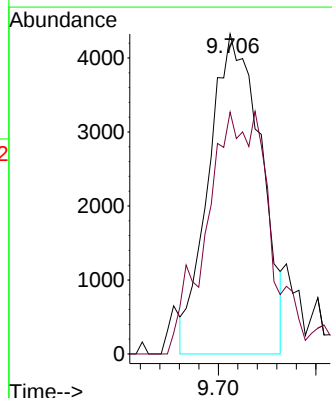
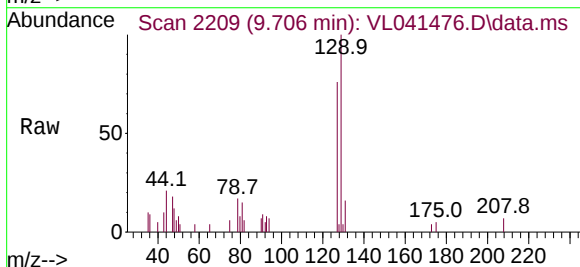
Acq: 1 Aug 2024 13:30

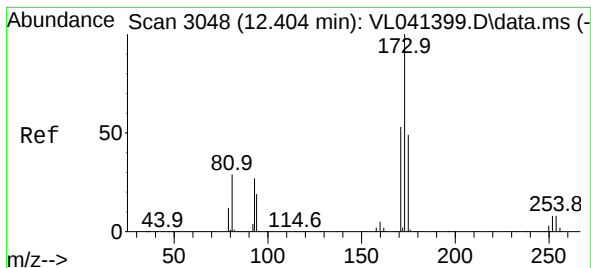
Tgt Ion: 129 Resp: 8024

Ion Ratio Lower Upper

129 100

127 94.4 39.3 117.8





#49

Bromoform

Concen: 0.016 ppbv

RT: 12.394 min Scan# 3048

Delta R.T. -0.010 min

Lab File: VL041476.D

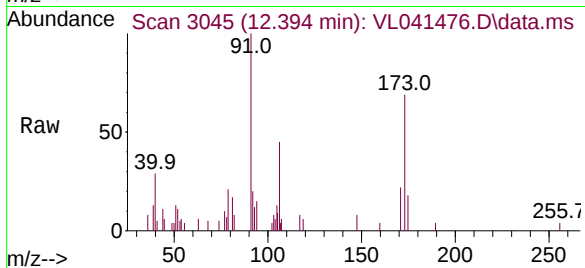
Acq: 1 Aug 2024 13:30

Instrument :

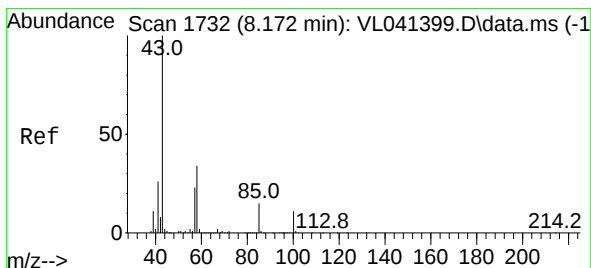
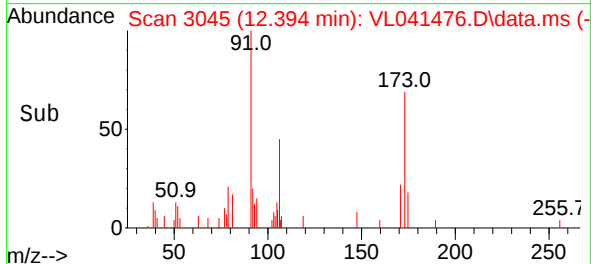
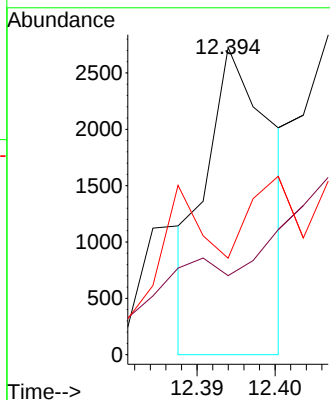
MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:	173	Resp:	1600
Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.9	59.9#
171	0.0	41.7	62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

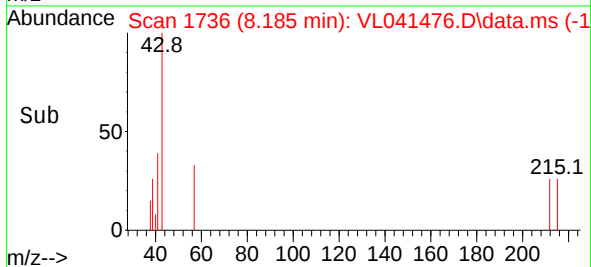
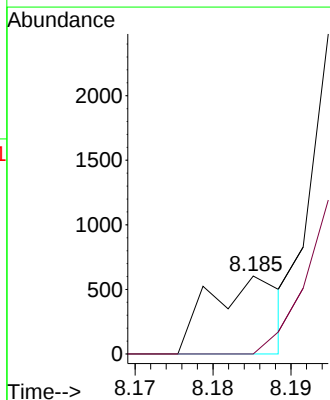
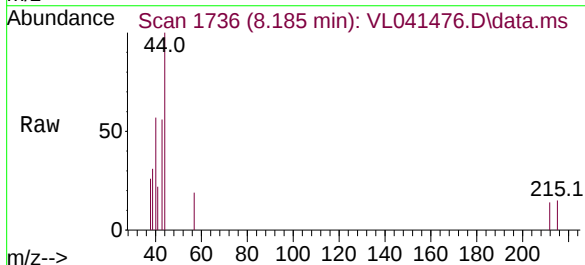
RT: 8.185 min Scan# 1736

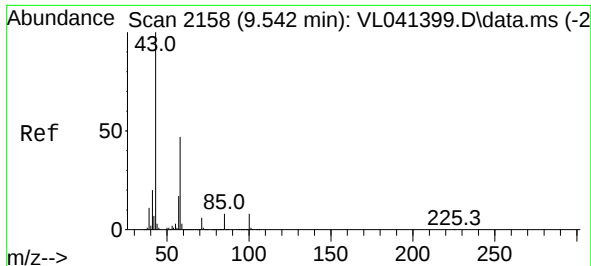
Delta R.T. 0.006 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion:	43	Resp:	382
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#

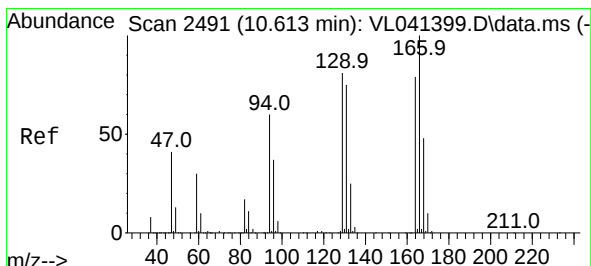
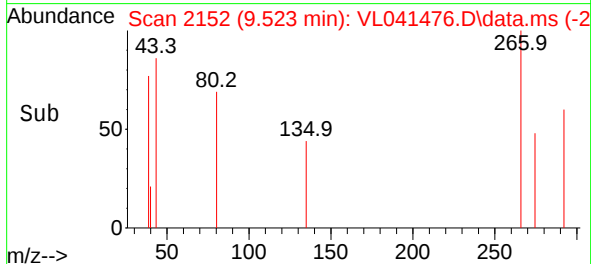
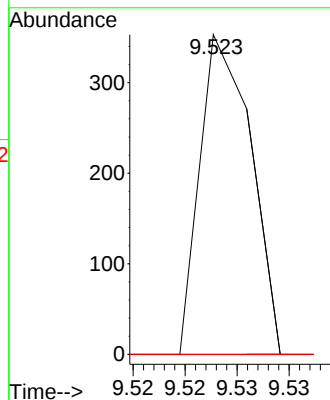
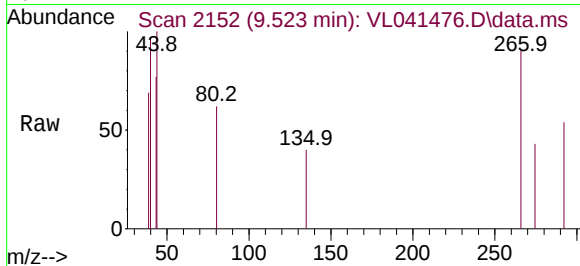




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.523 min Scan# 2158
Delta R.T. -0.023 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

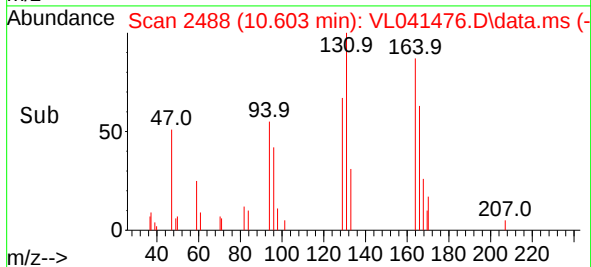
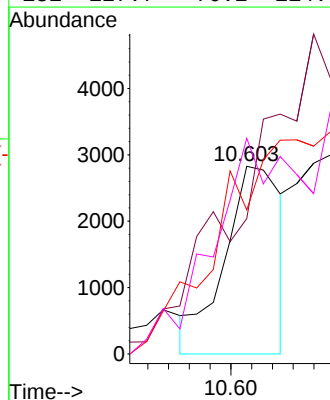
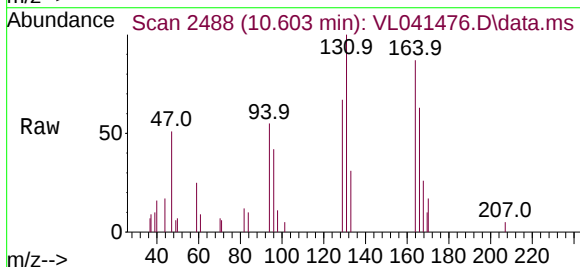
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024

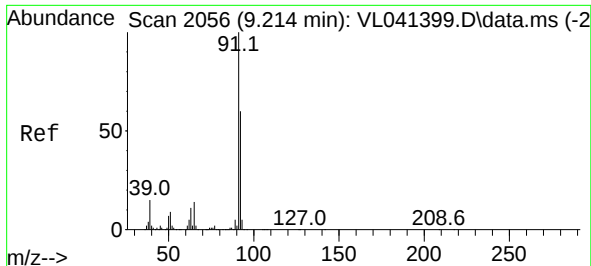
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.031 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.010 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion:164 Resp: 2141
Ion Ratio Lower Upper
164 100
166 58.6 101.1 151.7#
129 48.1 81.7 122.5#
131 127.7 76.2 114.4#





#53

Toluene

Concen: 0.030 ppbv

RT: 9.214 min Scan# 2056

Delta R.T. -0.007 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

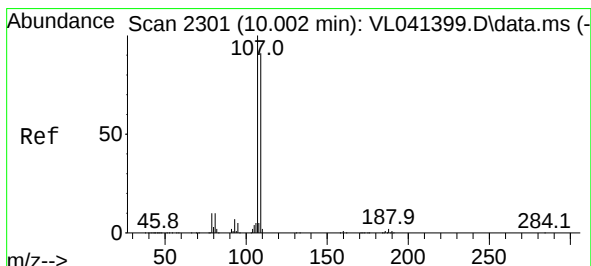
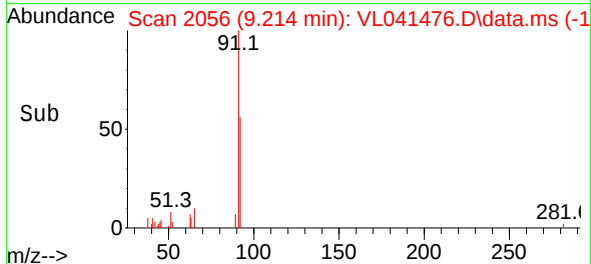
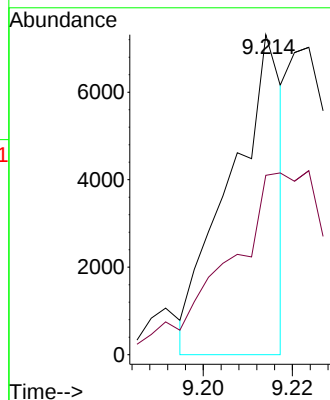
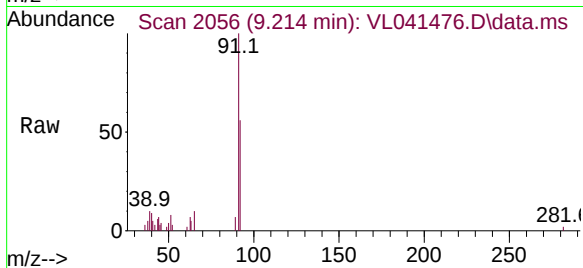
MDL-AIR-03-QT3-2024

Tgt Ion: 91 Resp: 5972

Ion Ratio Lower Upper

91 100

92 0.0 48.7 73.1#



#54

1,2-Dibromoethane

Concen: 0.045 ppbv

RT: 10.008 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VL041476.D

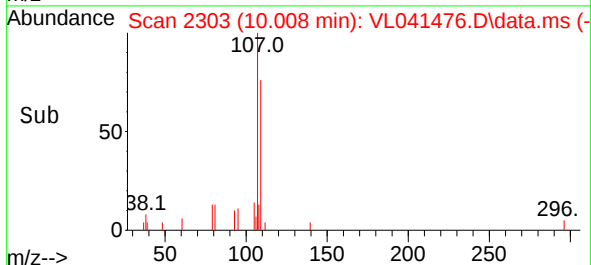
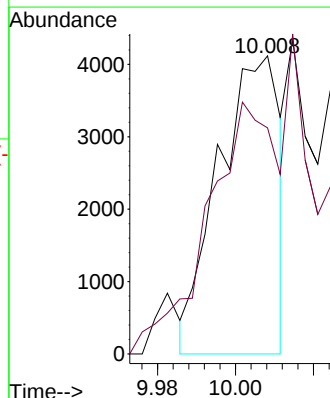
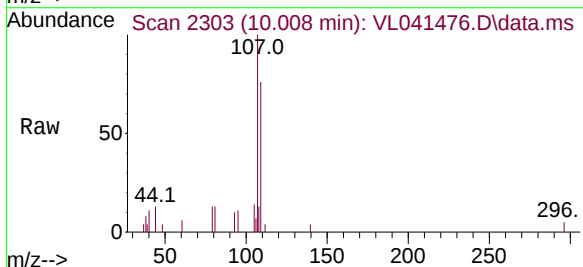
Acq: 1 Aug 2024 13:30

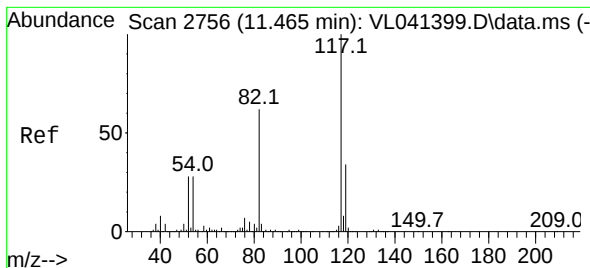
Tgt Ion:107 Resp: 4481

Ion Ratio Lower Upper

107 100

109 64.6 72.7 109.1#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

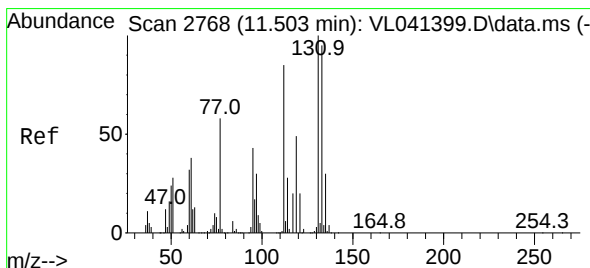
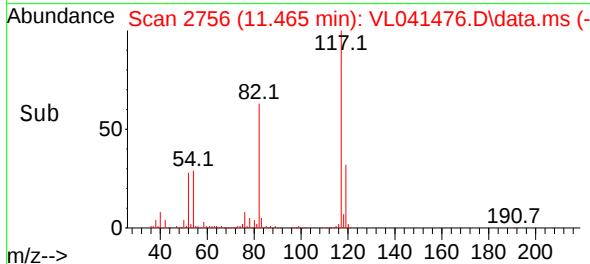
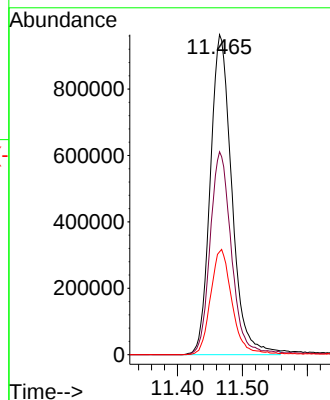
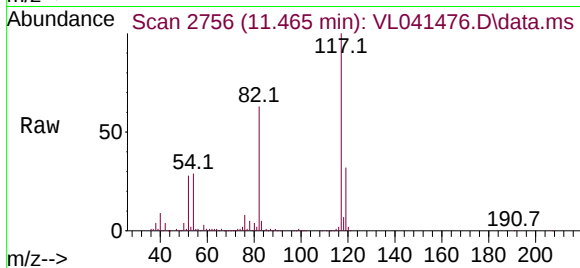
Tgt Ion:117 Resp: 2222196

Ion Ratio Lower Upper

117 100

82 63.8 51.0 76.6

119 33.4 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.046 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

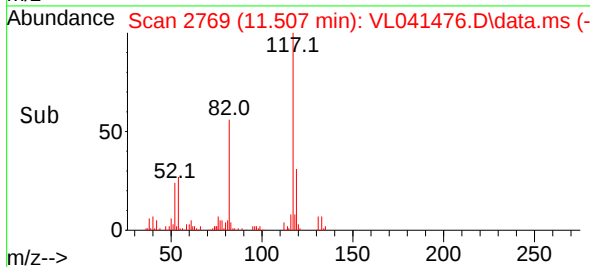
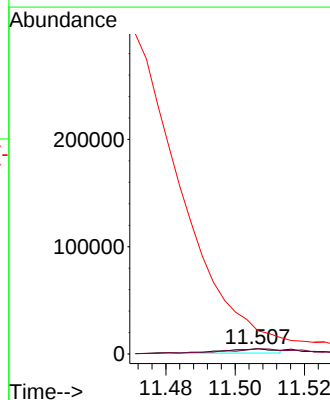
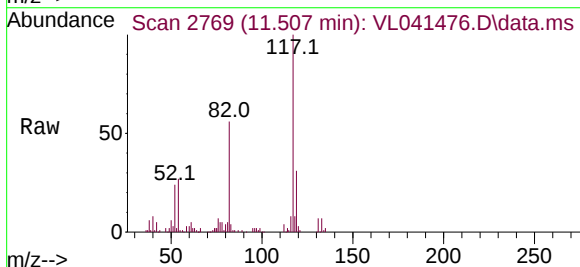
Tgt Ion:131 Resp: 3975

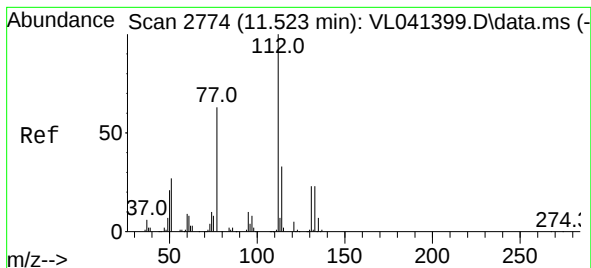
Ion Ratio Lower Upper

131 100

133 227.2 77.0 115.4#

119 0.0 121.5 182.3#





#57

Chlorobenzene

Concen: 0.075 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

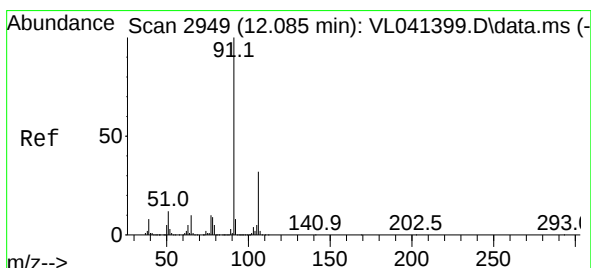
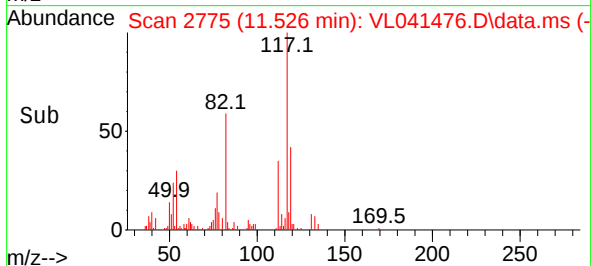
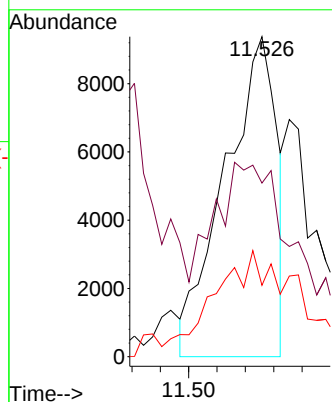
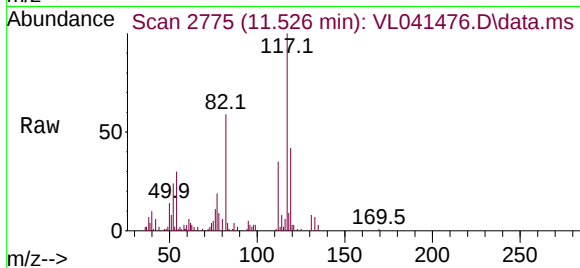
Tgt Ion:112 Resp: 11915

Ion Ratio Lower Upper

112 100

77 21.1 51.1 76.7#

114 17.4 29.5 36.1#



#58

Ethyl Benzene

Concen: 0.049 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VL041476.D

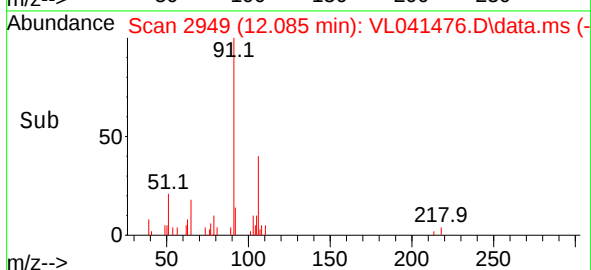
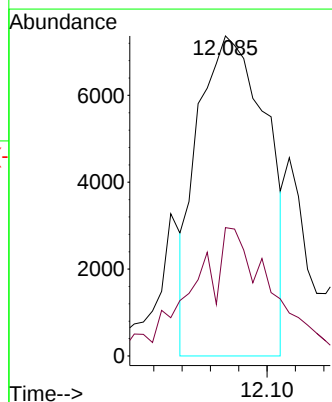
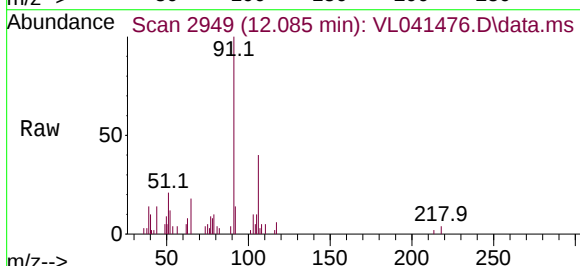
Acq: 1 Aug 2024 13:30

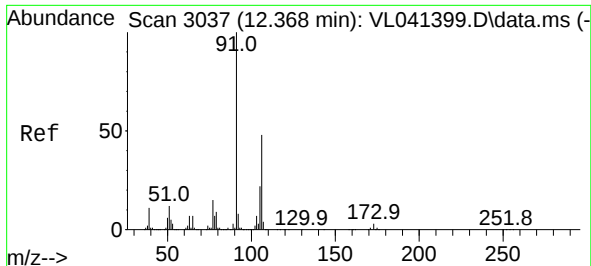
Tgt Ion: 91 Resp: 12443

Ion Ratio Lower Upper

91 100

106 37.0 25.8 38.8





#59

m/p-Xylene

Concen: 0.015 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

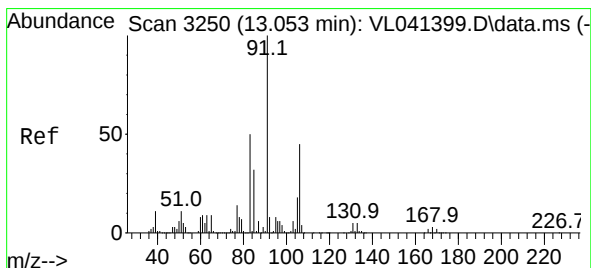
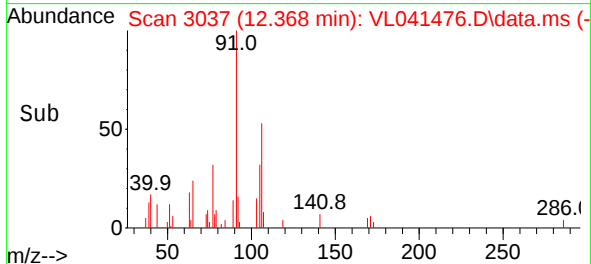
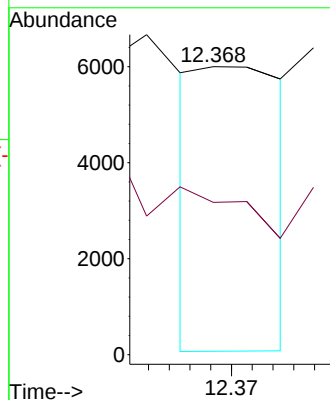
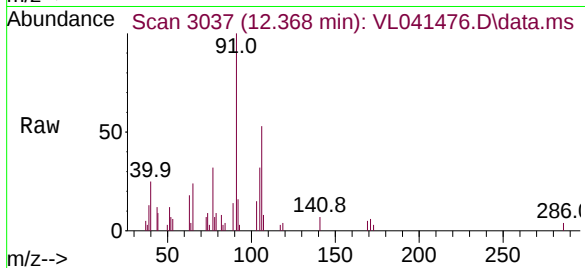
MDL-AIR-03-QT3-2024

Tgt Ion: 91 Resp: 3381

Ion Ratio Lower Upper

91 100

106 0.0 36.3 54.5#



#60

o-Xylene

Concen: 0.022 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VL041476.D

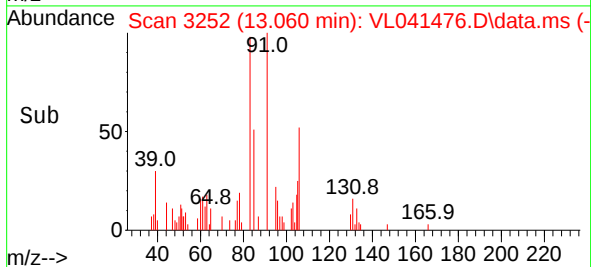
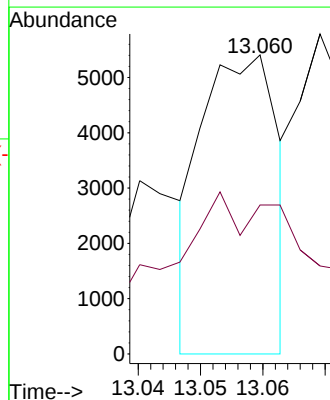
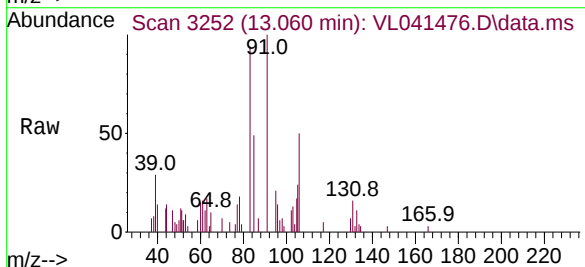
Acq: 1 Aug 2024 13:30

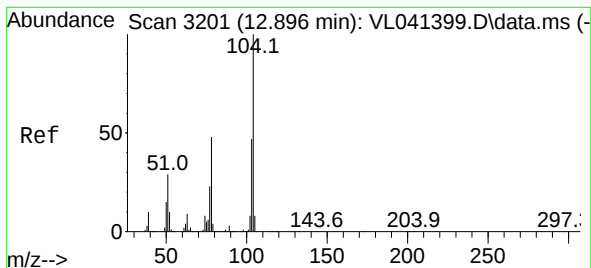
Tgt Ion: 91 Resp: 4562

Ion Ratio Lower Upper

91 100

106 140.5 23.1 69.3#





#61

Styrene

Concen: 0.030 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

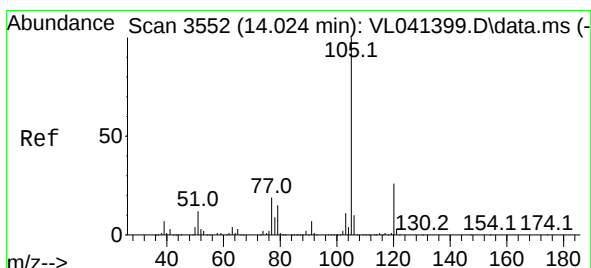
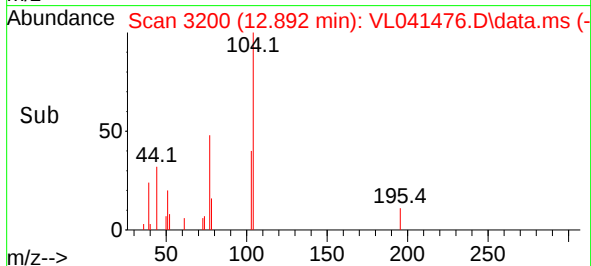
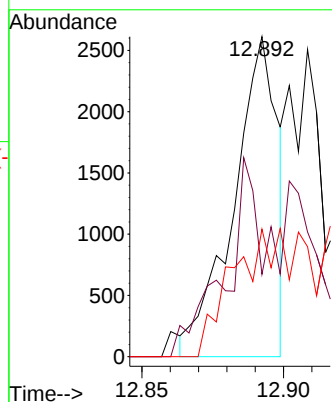
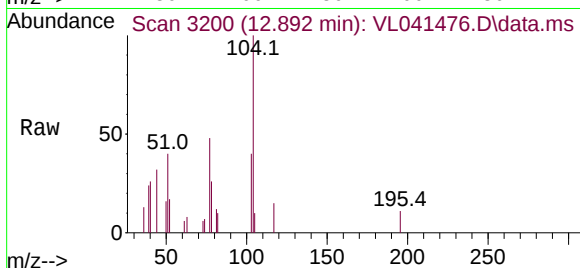
Tgt Ion:104 Resp: 2820

Ion Ratio Lower Upper

104 100

78 106.0 40.8 61.2#

103 0.0 38.2 57.4#



#62

Isopropylbenzene

Concen: 0.044 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.003 min

Lab File: VL041476.D

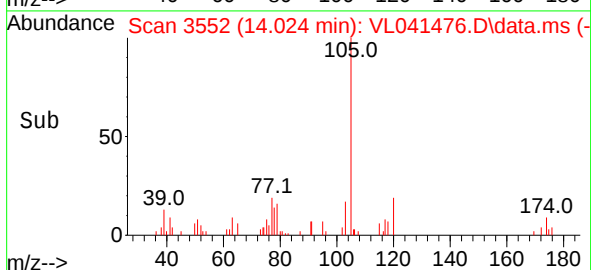
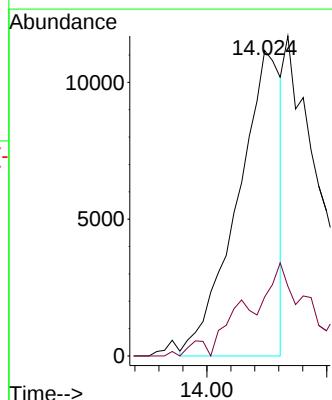
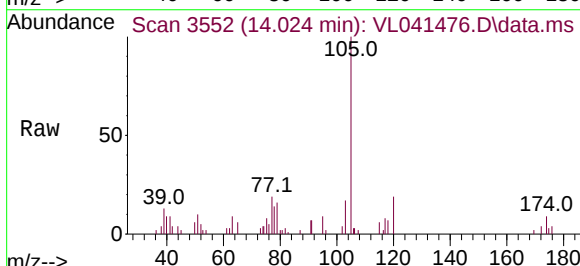
Acq: 1 Aug 2024 13:30

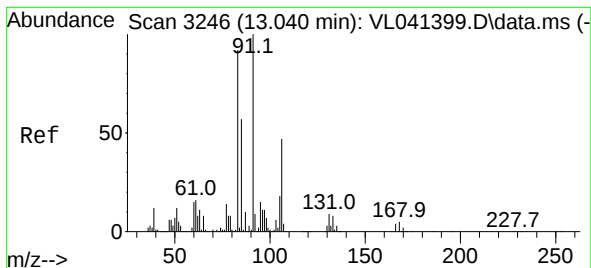
Tgt Ion:105 Resp: 14052

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.034 ppbv

RT: 13.043 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

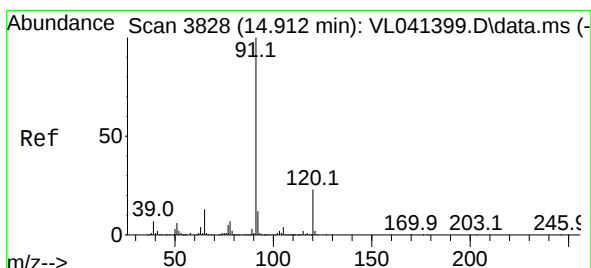
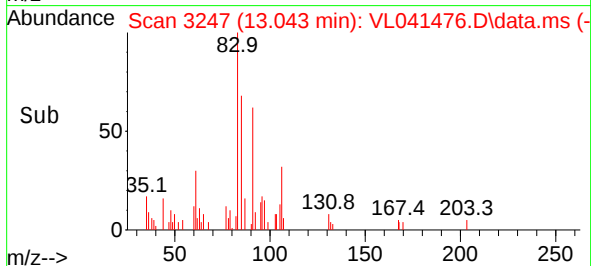
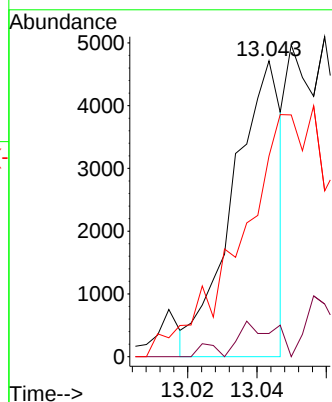
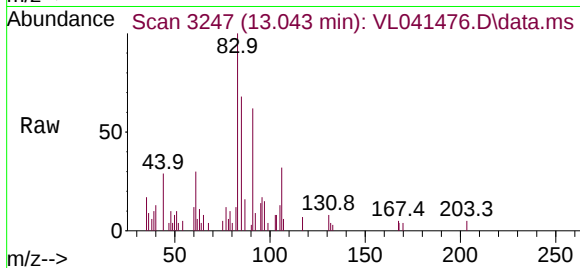
Tgt Ion: 83 Resp: 4548

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.6 98.0#



#64

n-propylbenzene

Concen: 0.008 ppbv

RT: 15.207 min Scan# 3920

Delta R.T. 0.296 min

Lab File: VL041476.D

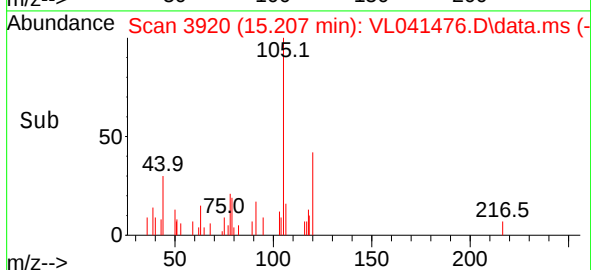
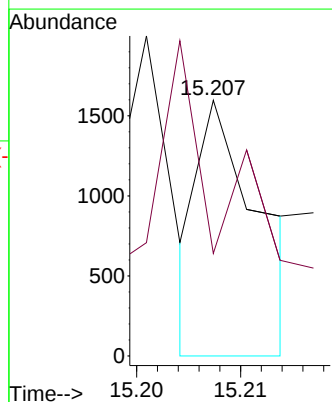
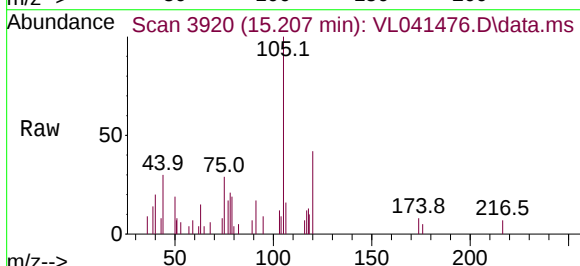
Acq: 1 Aug 2024 13:30

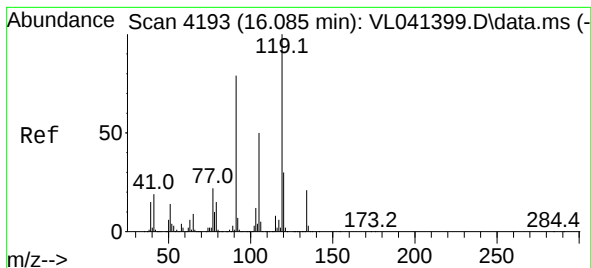
Tgt Ion:120 Resp: 654

Ion Ratio Lower Upper

120 100

91 461.3 361.4 542.0





#65

tert-Butylbenzene

Concen: 0.024 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

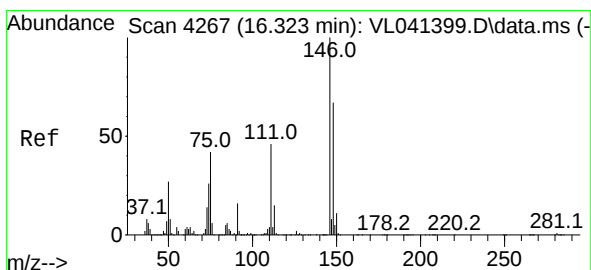
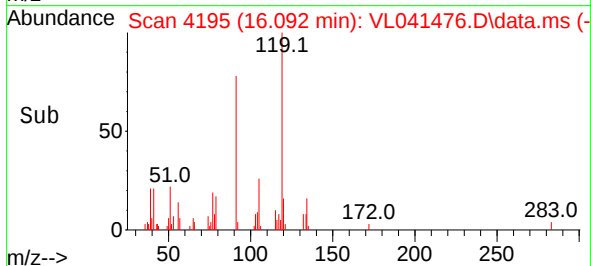
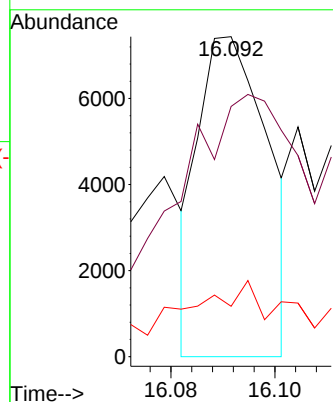
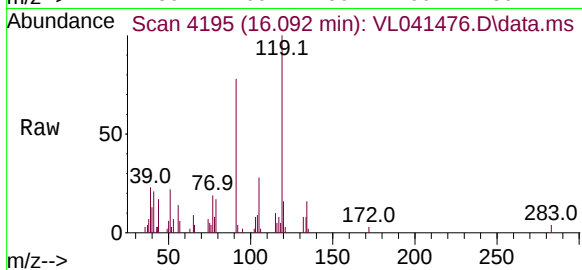
Tgt Ion:119 Resp: 6900

Ion Ratio Lower Upper

119 100

91 247.3 64.2 96.2#

134 52.5 15.7 23.5#



#66

Benzyl Chloride

Concen: 0.015 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

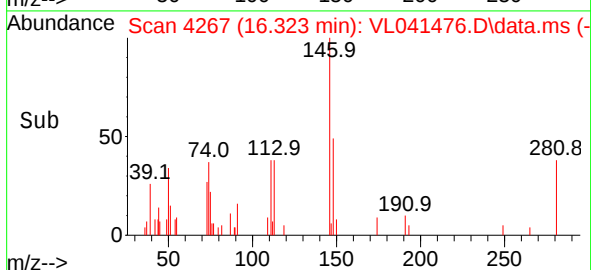
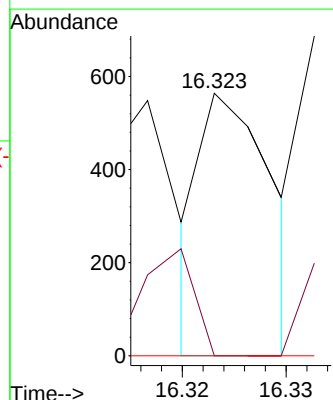
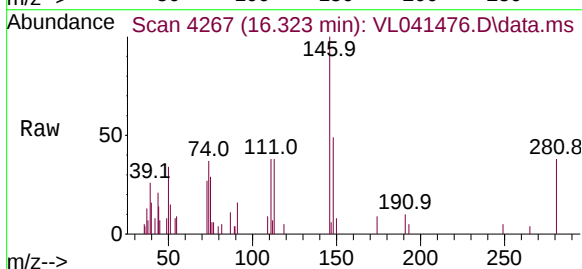
Tgt Ion: 91 Resp: 269

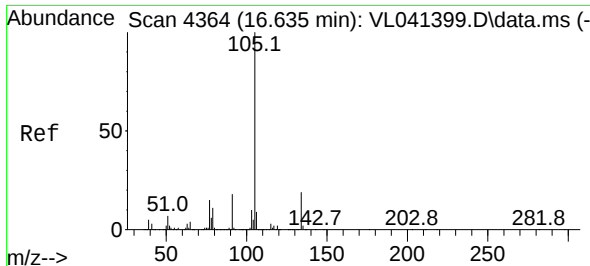
Ion Ratio Lower Upper

91 100

126 43.1 13.8 20.8#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.022 ppbv

RT: 16.629 min Scan# 4364

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

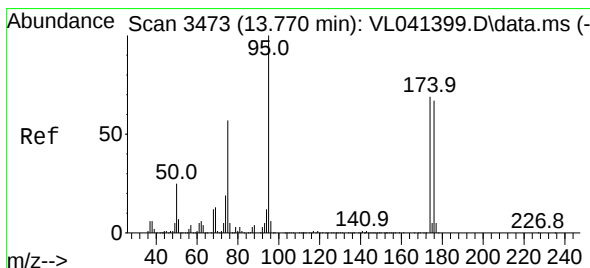
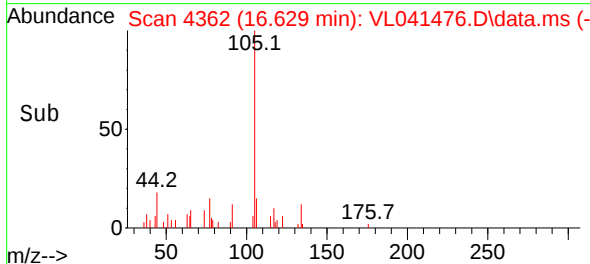
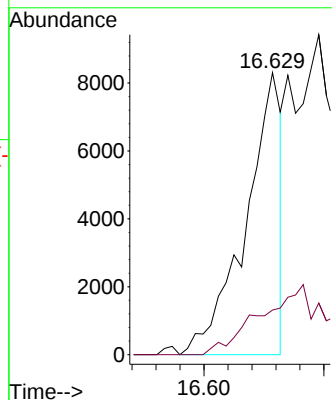
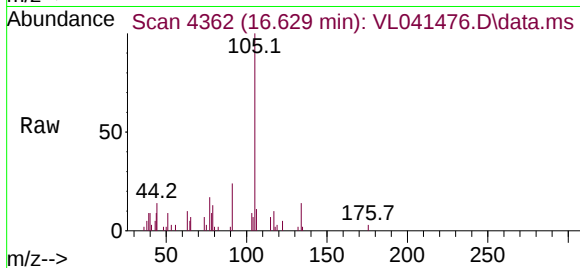
MDL-AIR-03-QT3-2024

Tgt Ion:105 Resp: 8524

Ion Ratio Lower Upper

105 100

134 0.0 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.944 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

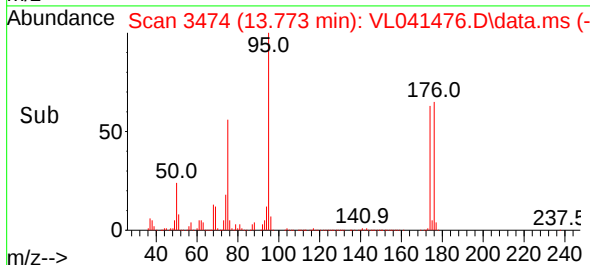
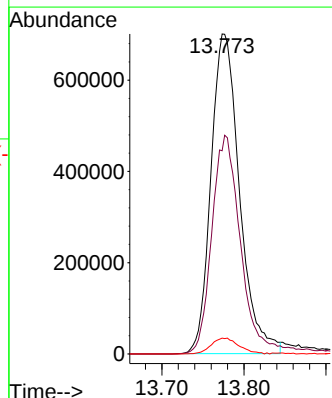
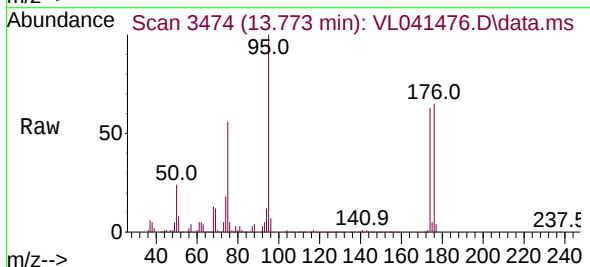
Tgt Ion: 95 Resp: 1700515

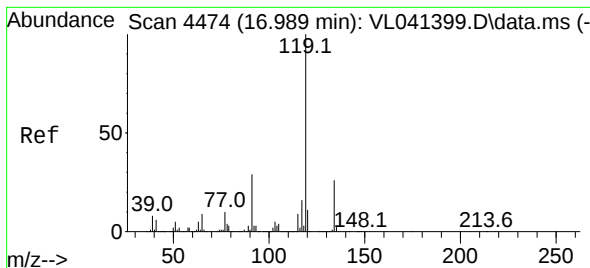
Ion Ratio Lower Upper

95 100

174 71.4 56.3 84.5

175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.023 ppbv

RT: 16.995 min Scan# 4474

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

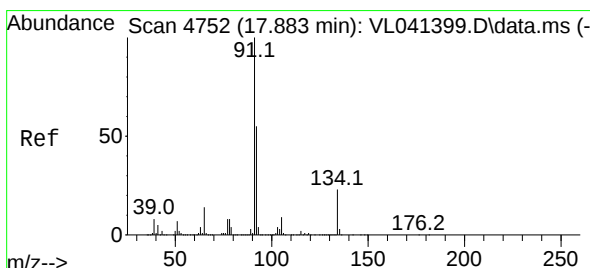
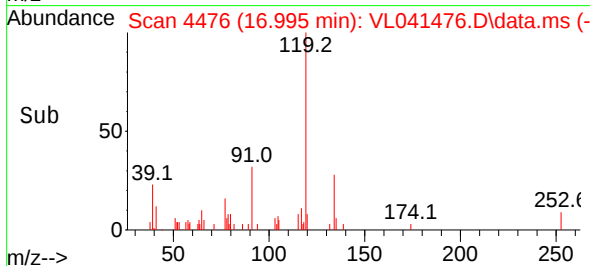
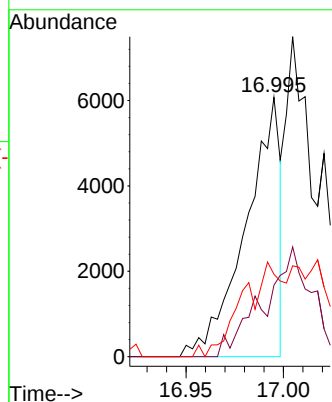
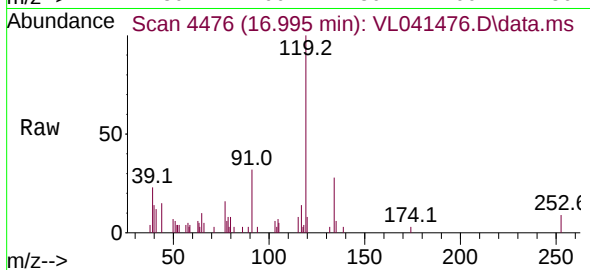
Tgt Ion:119 Resp: 7456

Ion Ratio Lower Upper

119 100

134 0.0 20.5 30.7#

91 0.0 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.011 ppbv

RT: 17.879 min Scan# 4751

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

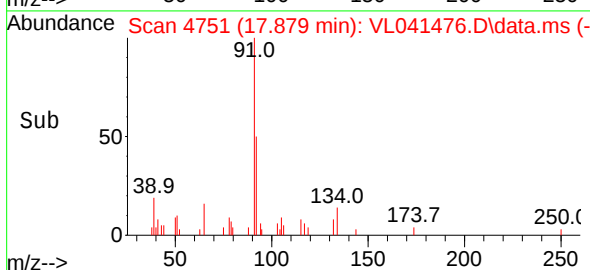
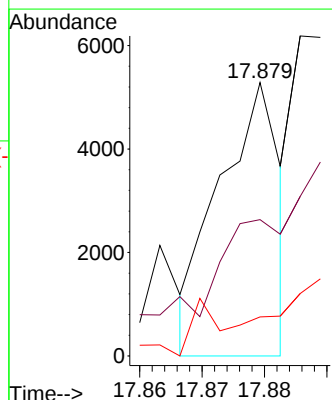
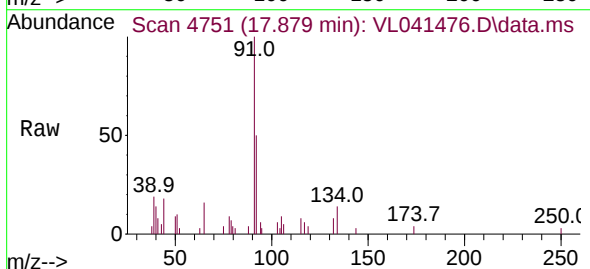
Tgt Ion: 91 Resp: 3588

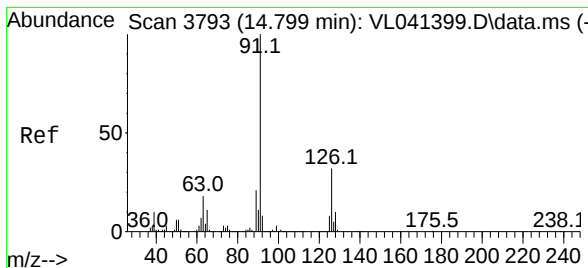
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 0.0 18.5 27.7#





#71

2-Chlorotoluene

Concen: 0.020 ppbv

RT: 14.796 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

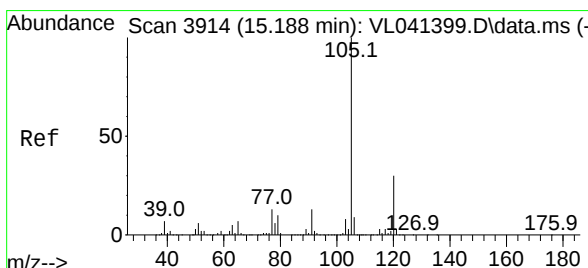
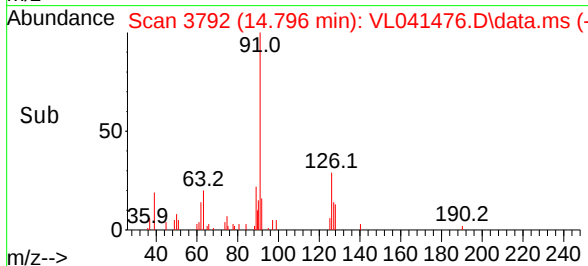
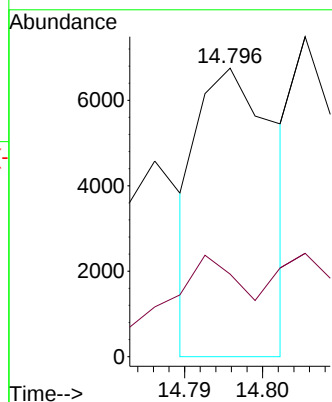
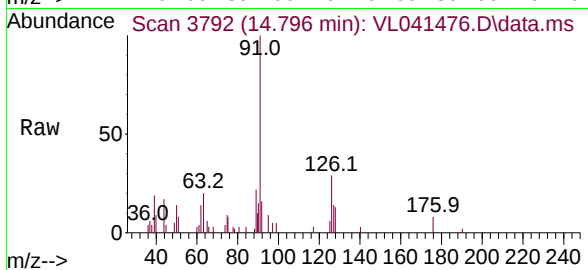
MDL-AIR-03-QT3-2024

Tgt Ion: 91 Resp: 4623

Ion Ratio Lower Upper

91 100

126 0.0 12.7 50.9#



#72

4-Ethyltoluene

Concen: 0.025 ppbv

RT: 15.191 min Scan# 3915

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion:105 Resp: 6116

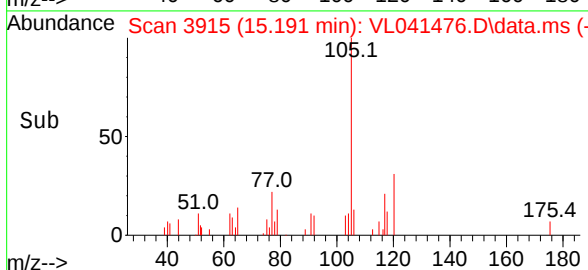
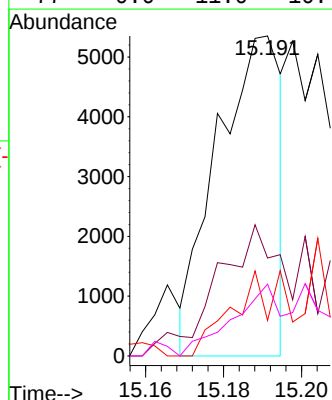
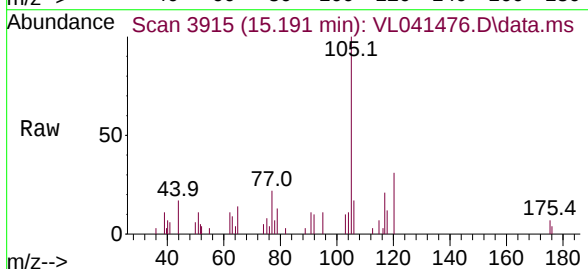
Ion Ratio Lower Upper

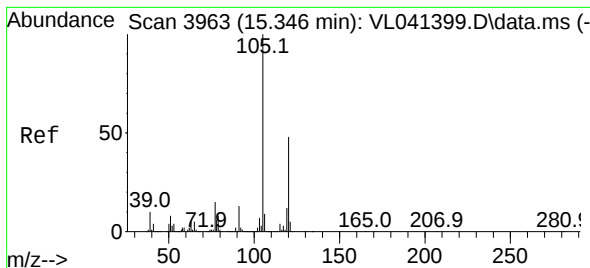
105 100

120 73.3 24.2 36.2#

91 0.0 10.4 15.6#

77 0.0 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.009 ppbv

RT: 15.352 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

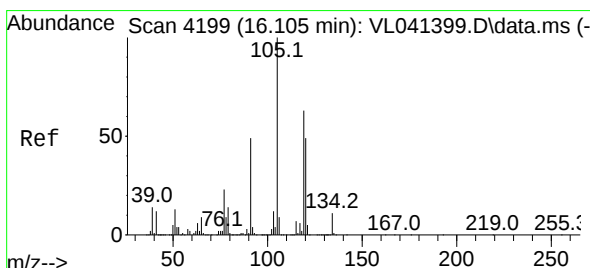
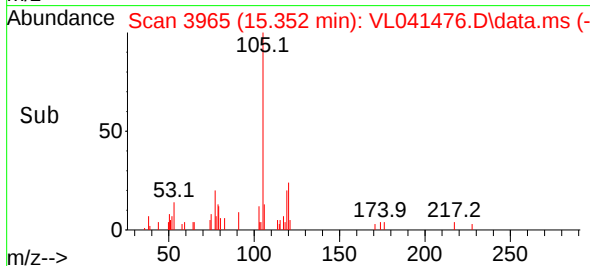
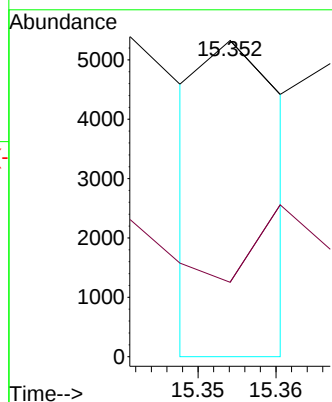
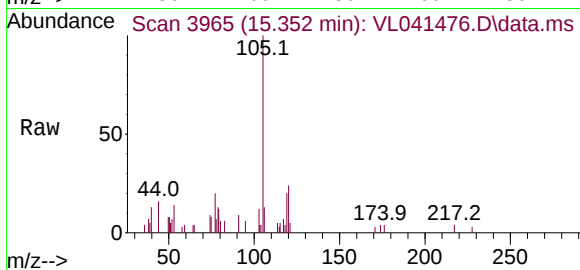
MDL-AIR-03-QT3-2024

Tgt Ion:105 Resp: 1881

Ion Ratio Lower Upper

105 100

120 0.0 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.025 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion:105 Resp: 6216

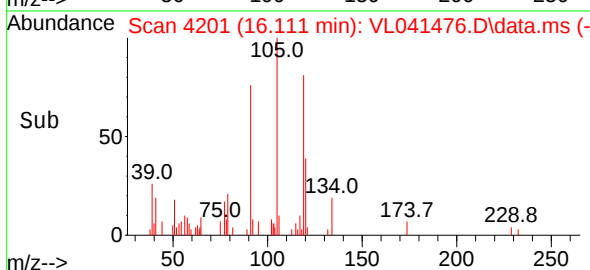
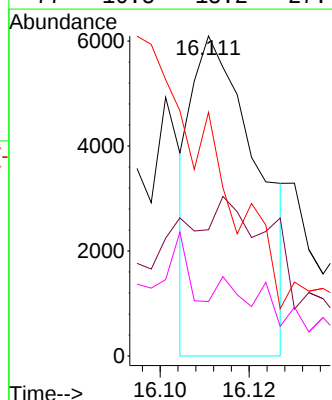
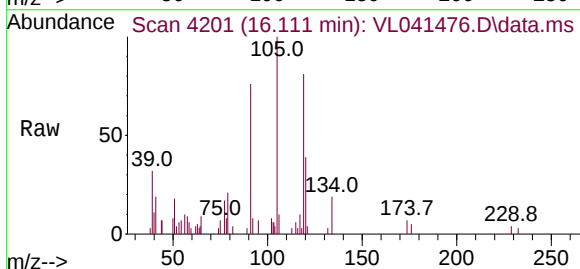
Ion Ratio Lower Upper

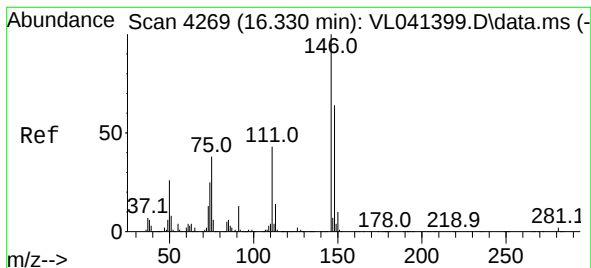
105 100

120 0.0 39.5 59.3#

91 133.4 39.8 59.8#

77 16.8 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.039 ppbv

RT: 16.326 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

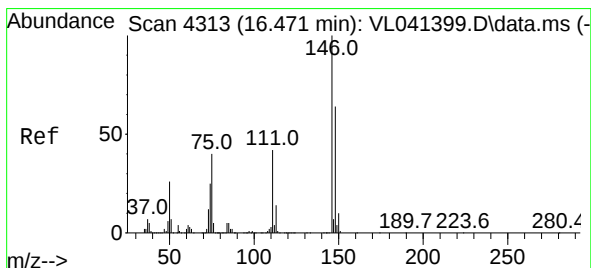
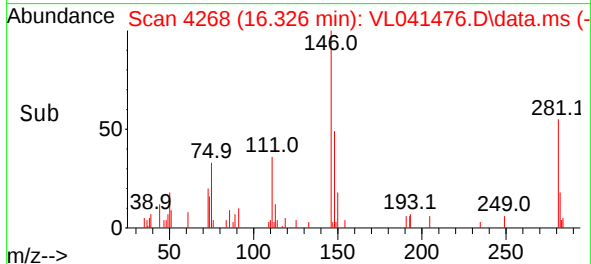
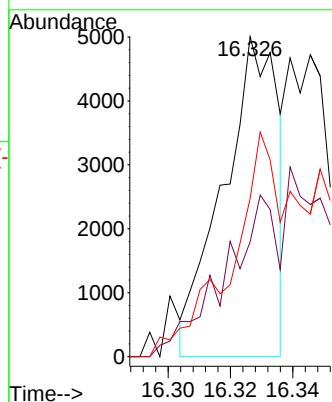
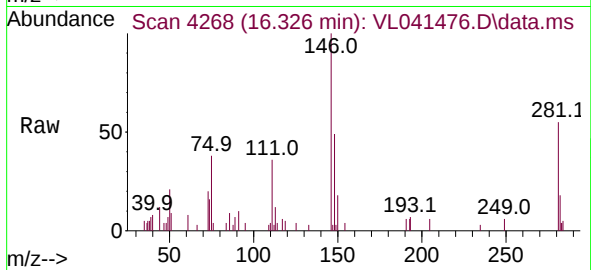
Tgt Ion:146 Resp: 6073

Ion Ratio Lower Upper

146 100

111 0.0 22.6 67.8#

148 161.5 32.3 96.8#



#76

1,4-Dichlorobenzene

Concen: 0.022 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

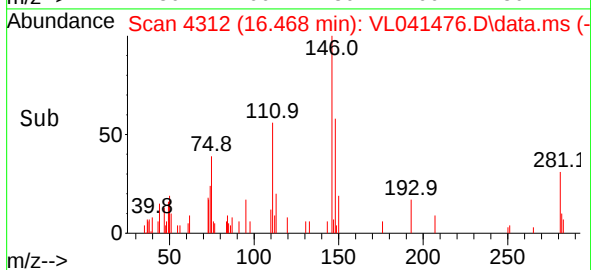
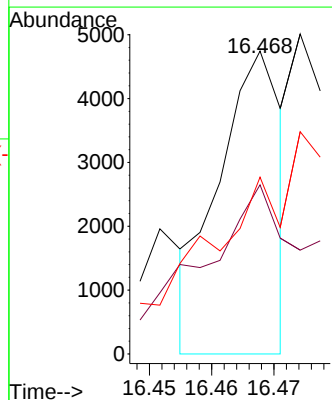
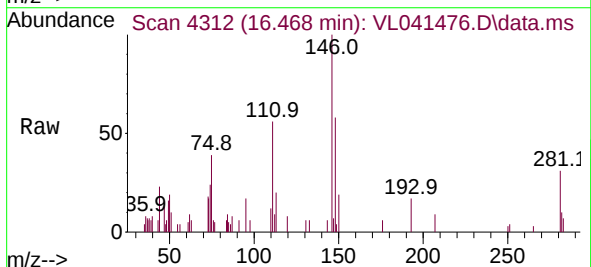
Tgt Ion:146 Resp: 3341

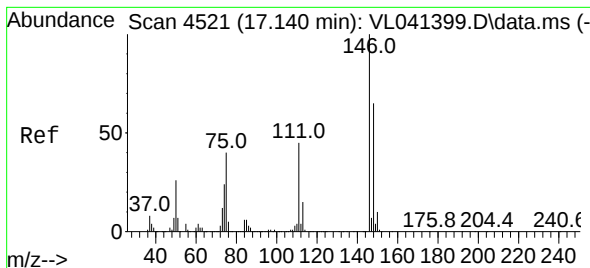
Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.0#

148 0.0 33.1 99.5#





#77

1,2-Dichlorobenzene

Concen: 0.016 ppbv

RT: 17.130 min Scan# 4521

Delta R.T. -0.010 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

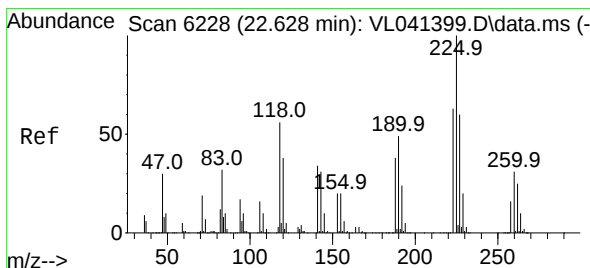
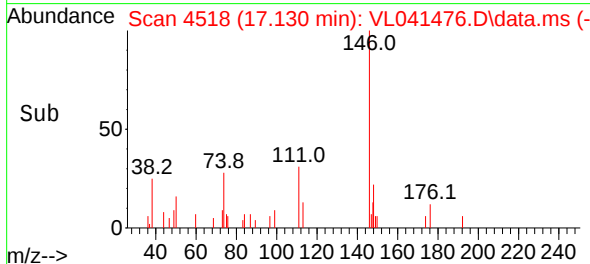
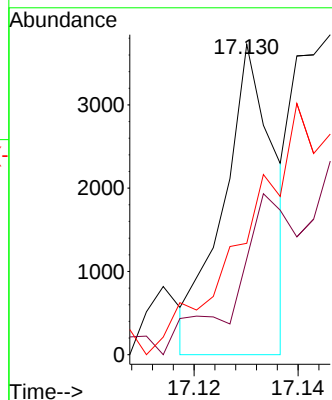
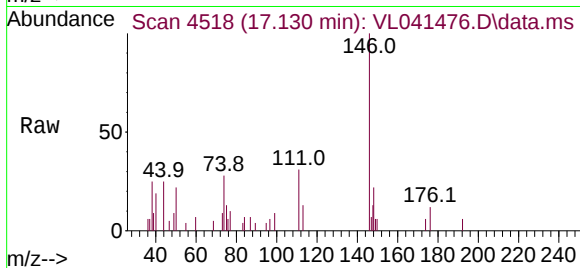
Tgt Ion:146 Resp: 2527

Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.0#

148 0.0 32.2 96.6#



#78

Hexachloro-1,3-Butadiene

Concen: 0.022 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. -0.000 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

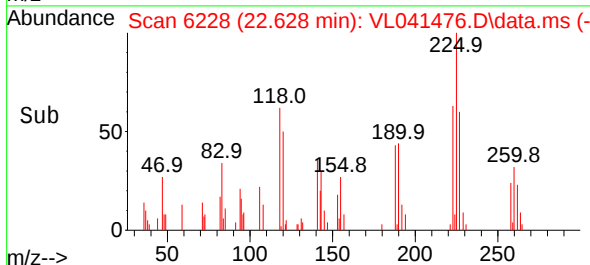
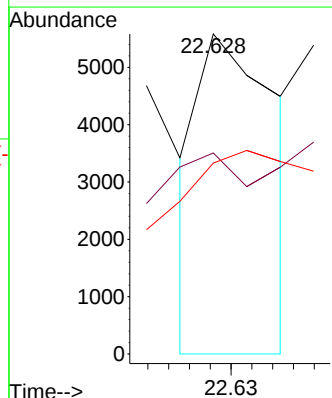
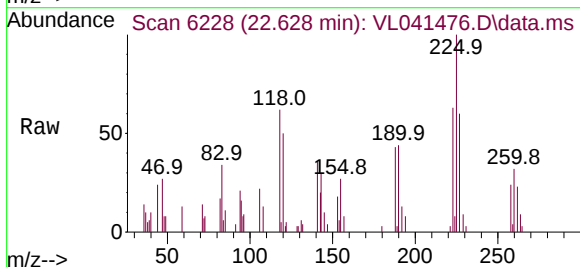
Tgt Ion:225 Resp: 2878

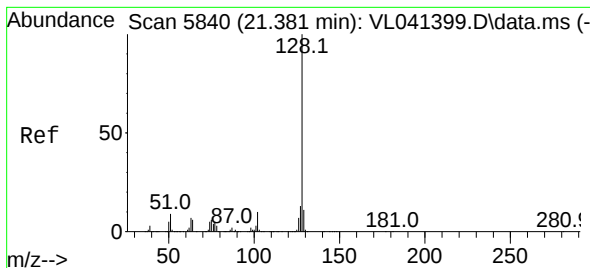
Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

227 0.0 50.8 76.2#





#79

Naphthalene

Concen: 0.004 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

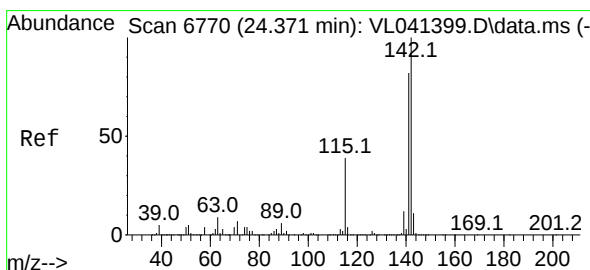
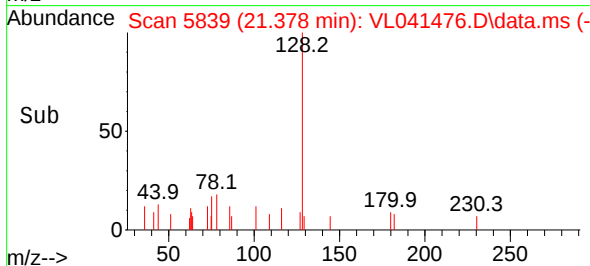
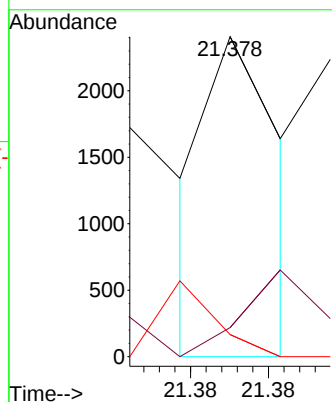
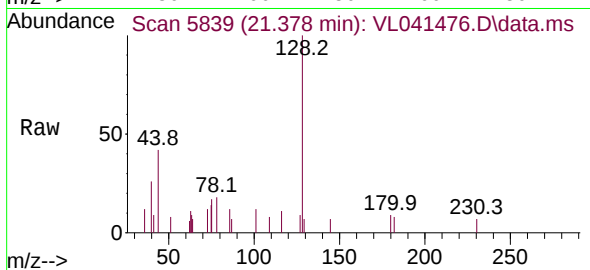
Tgt Ion:128 Resp: 781

Ion Ratio Lower Upper

128 100

127 20.5 10.3 15.5#

129 15.6 9.0 13.4#



#80

Naphthalene,2-methyl-

Concen: 0.007 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.026 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

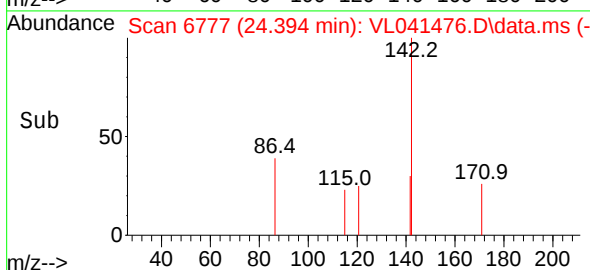
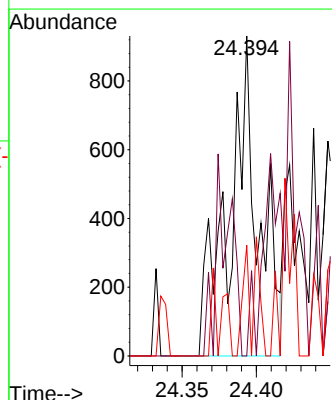
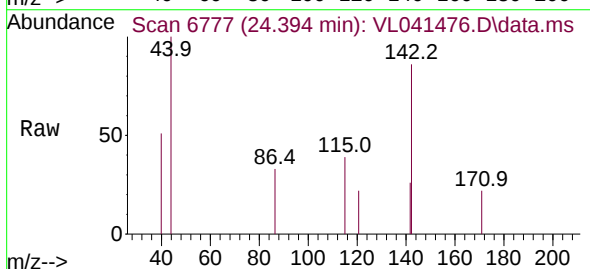
Tgt Ion:142 Resp: 1265

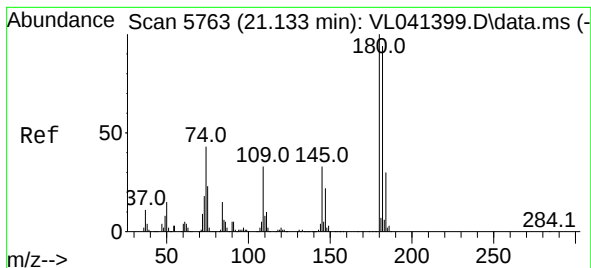
Ion Ratio Lower Upper

142 100

141 0.0 67.0 100.4#

115 16.7 32.2 48.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.012 ppbv

RT: 21.133 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041476.D

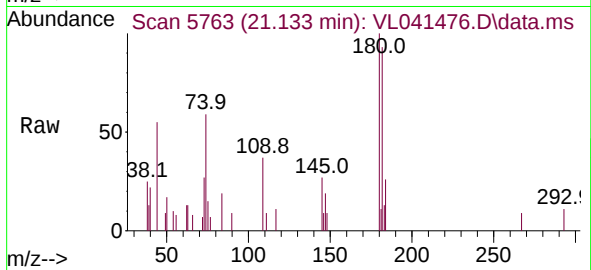
Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:180 Resp: 1540

Ion Ratio Lower Upper

180 100

182 0.0 76.7 115.1#

184 183.5 24.5 36.7#

