

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041477.D
 Acq On : 1 Aug 2024 14:11
 Operator : SY/MD
 Sample : P3390-15 0.03 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 02 05:23:44 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	853139	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2365687	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2166581	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1654207	9.921	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.857	85	5304	0.036	ppbv	100
3) Chlorodifluoromethane	2.674	51	3769	0.037	ppbv	98
4) Chloromethane	2.816	50	2599	0.048	ppbv #	67
5) Vinyl Chloride	2.928	62	1067	0.020	ppbv #	69
6) Bromomethane	3.118	94	742	0.027	ppbv #	78
7) Chloroethane	3.201	64	646	0.035	ppbv #	44
8) Dichlorotetrafluoroethane	2.857	85	5304	0.041	ppbv	92
9) Propene	2.697	41	3246	0.070	ppbv #	60
10) Heptane	7.584	43	1708	0.016	ppbv #	32
11) Trichlorofluoromethane	3.565	101	2758	0.021	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.070	101	3438	0.037	ppbv	100
13) Ethanol	3.250	45	34	0.008	ppbv #	41
14) Bromoethene	3.369	108	952	0.026	ppbv #	6
15) Acetone	3.501	43	15720	0.162	ppbv	92
16) 1,3-Butadiene	2.986	39	432	0.008	ppbv #	1
17) tert-Butyl alcohol	3.909	59	1279	0.014	ppbv #	72
18) 1,1-Dichloroethene	3.877	96	739	0.018	ppbv #	79
19) Isopropyl Alcohol	3.587	45	137	0.002	ppbv #	1
20) Methylene Chloride	3.938	84	5062	0.140	ppbv #	72
21) Allyl Chloride	3.999	41	1291	0.020	ppbv #	1
22) trans-1,2-Dichloroethene	4.446	96	750	0.019	ppbv #	74
23) Vinyl Acetate	4.629	43	371	0.005	ppbv #	79
24) 1,1-Dichloroethane	4.565	63	1191	0.014	ppbv #	70
25) Ethyl Acetate	5.214	43	2636	0.014	ppbv #	78
26) Hexane	5.214	57	2063	0.026	ppbv #	1
27) Carbon Disulfide	4.134	76	847	0.009	ppbv #	1
28) Methyl tert-Butyl Ether	4.594	73	371	0.007	ppbv #	52
29) Chloroform	5.275	83	3956	0.030	ppbv #	75
30) Cyclohexane	6.606	84	553	0.009	ppbv #	1
31) cis-1,2-Dichloroethene	5.102	61	223	0.003	ppbv	91
32) 1,1,1-Trichloroethane	6.005	97	2480	0.020	ppbv #	31
34) 2-Butanone	4.767	43	66	0.001	ppbv #	54
35) Carbon Tetrachloride	6.491	117	2024	0.016	ppbv #	59
36) Benzene	6.375	78	3451	0.020	ppbv #	86
37) 1,2-Dichloroethane	5.806	62	1639	0.017	ppbv #	82
38) Trichloroethene	7.288	130	355	0.004	ppbv #	82
39) 1,2-Dichloropropane	6.655	63	573983	8.673	ppbv #	25
40) 1,4-Dioxane	7.311	88	131	0.005	ppbv #	1
41) Tetrahydrofuran	5.581	42	40	0.001	ppbv #	37
42) Bromodichloromethane	7.246	83	1088	0.008	ppbv #	58
43) Methyl Methacrylate	7.471	69	125	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.324	57	4672	0.016	ppbv #	39
45) t-1,3-Dichloropropene	8.716	75	415	0.007	ppbv	99

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

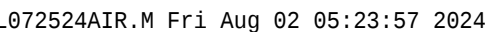
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

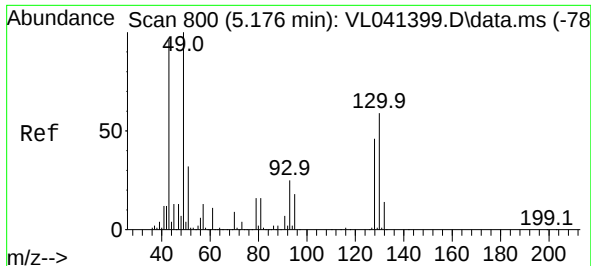
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	293	0.004	ppbv	86
47) 1,1,2-Trichloroethane	8.889	97	780	0.011	ppbv #	77
48) Dibromochloromethane	9.712	129	1072	0.009	ppbv #	1
49) Bromoform	12.407	173	677	0.007	ppbv #	15
50) 4-Methyl-2-Pentanone	8.185	43	284	0.002	ppbv #	40
51) 2-Hexanone	9.574	43	214	0.002	ppbv #	30
52) Tetrachloroethene	10.616	164	497	0.007	ppbv #	19
53) Toluene	9.214	91	936	0.005	ppbv #	20
54) 1,2-Dibromoethane	10.024	107	856	0.009	ppbv	92
56) 1,1,1,2-Tetrachloroethane	11.507	131	871	0.010	ppbv #	1
57) Chlorobenzene	11.526	112	2650	0.017	ppbv #	61
58) Ethyl Benzene	12.407	91	408	0.002	ppbv	100
59) m/p-Xylene	12.375	91	3497	0.016	ppbv #	31
60) o-Xylene	13.056	91	906	0.004	ppbv #	30
61) Styrene	12.902	104	577	0.006	ppbv #	19
62) Isopropylbenzene	14.034	105	1942	0.006	ppbv #	1
63) 1,1,2,2-Tetrachloroethane	13.047	83	1361	0.011	ppbv #	25
64) n-propylbenzene	14.918	120	600	0.007	ppbv #	1
65) tert-Butylbenzene	16.092	119	1283	0.005	ppbv #	19
66) Benzyl Chloride	16.352	91	33	0.002	ppbv #	1
67) sec-Butylbenzene	16.638	105	3044	0.008	ppbv #	59
69) p-Isopropyltoluene	16.998	119	1985	0.006	ppbv #	41
70) n-Butylbenzene	17.889	91	829	0.003	ppbv #	33
71) 2-Chlorotoluene	14.802	91	792	0.003	ppbv #	43
72) 4-Ethyltoluene	15.191	105	994	0.004	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.355	105	1488	0.007	ppbv #	63
74) 1,2,4-Trimethylbenzene	16.108	105	483	0.002	ppbv #	82
75) 1,3-Dichlorobenzene	16.326	146	600	0.004	ppbv #	23
76) 1,4-Dichlorobenzene	16.471	146	538	0.004	ppbv #	23
77) 1,2-Dichlorobenzene	17.149	146	629	0.004	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.635	225	1807	0.014	ppbv #	1
79) Naphthalene	21.394	128	659	0.003	ppbv #	76
80) Naphthalene,2-methyl-	24.493	142	424	0.002	ppbv #	16
81) 1,2,4-Trichlorobenzene	21.153	180	671	0.005	ppbv #	1

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

Quant Time: Aug 02 05:23:44 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

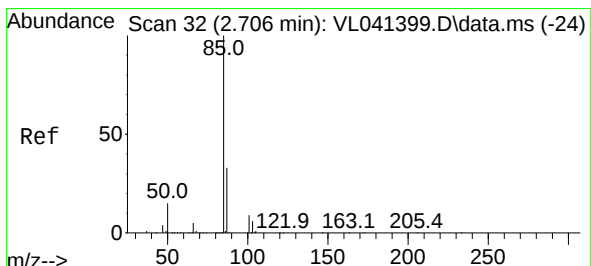
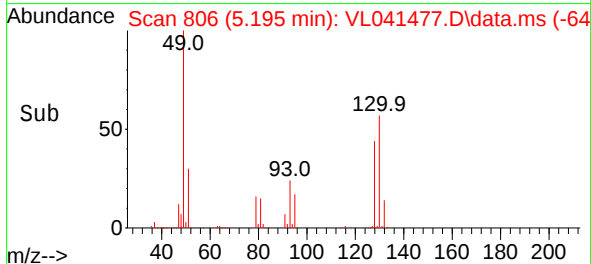
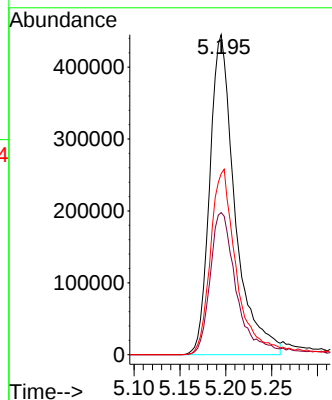
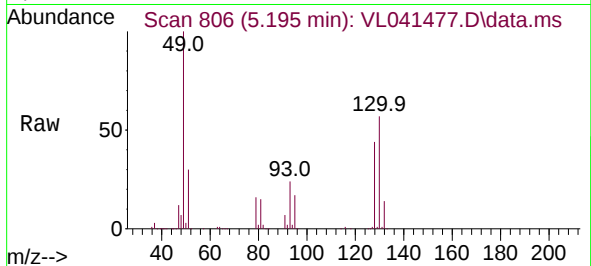




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

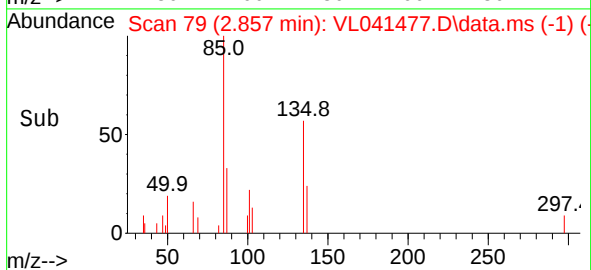
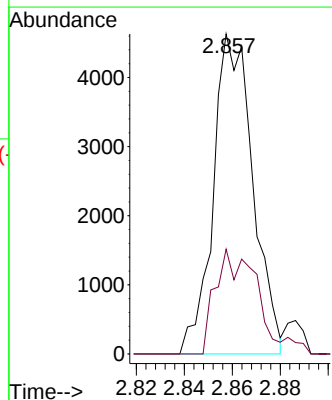
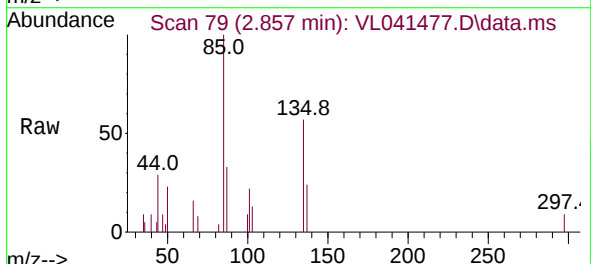
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

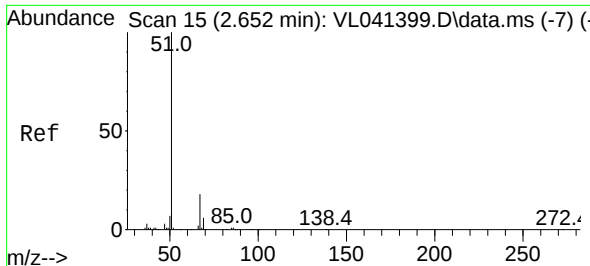
Tgt Ion: 49 Resp: 853139
Ion Ratio Lower Upper
49 100
128 49.0 23.8 71.4
130 63.2 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.128 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion: 85 Resp: 5304
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.037 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

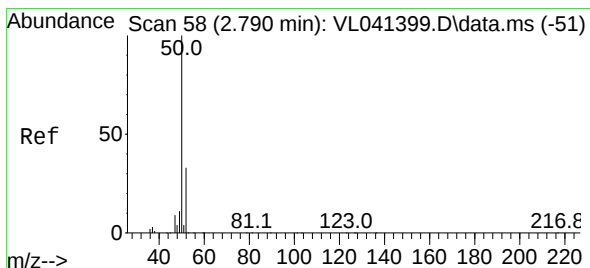
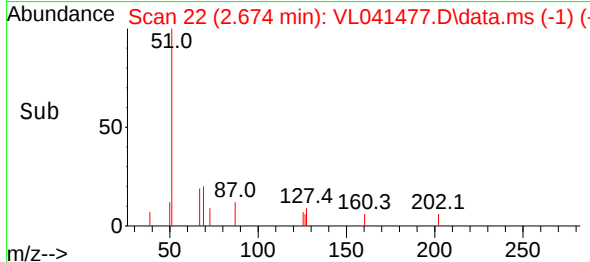
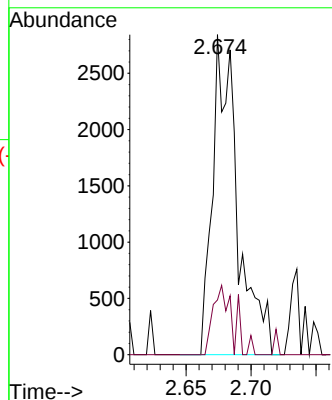
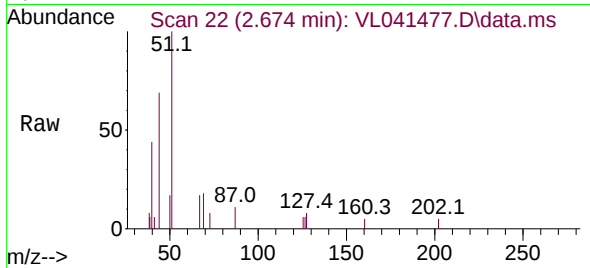
Instrument :

MSVOA_L

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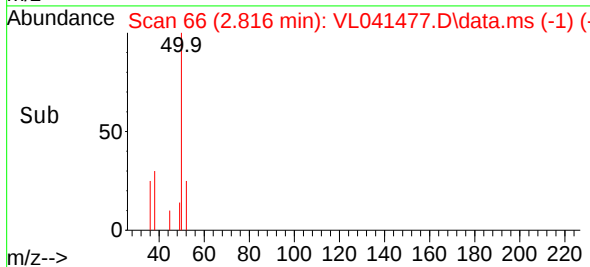
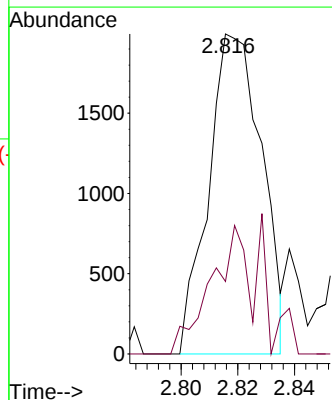
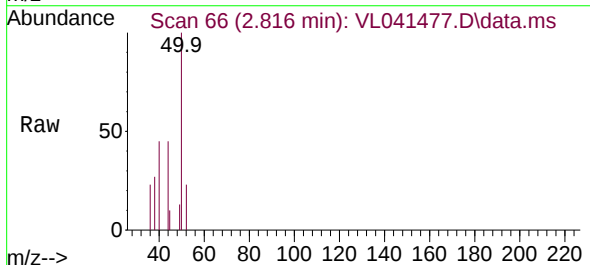
MDL-AIR-03-QT3-2024

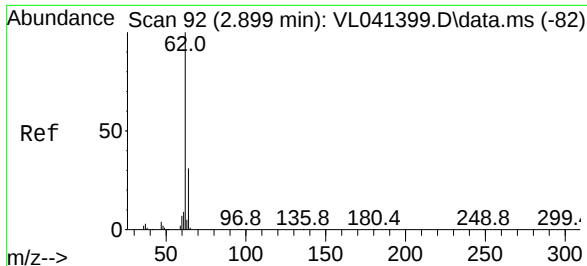
Tgt Ion: 51 Resp: 3769
Ion Ratio Lower Upper
51 100
67 17.3 14.5 21.7



#4
Chloromethane
Concen: 0.048 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion: 50 Resp: 2599
Ion Ratio Lower Upper
50 100
52 14.0 26.1 39.1#

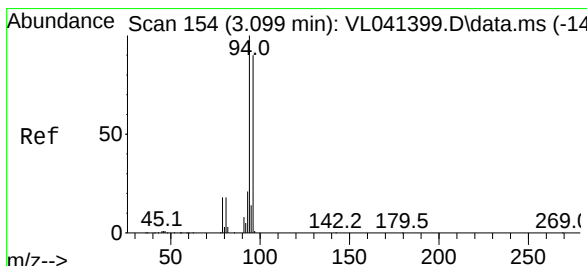
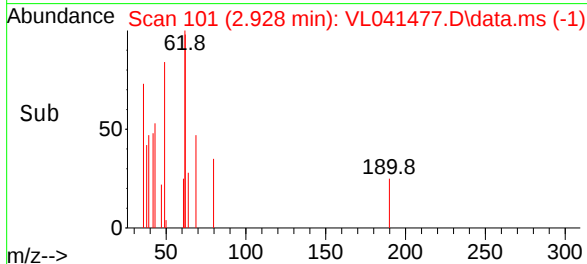
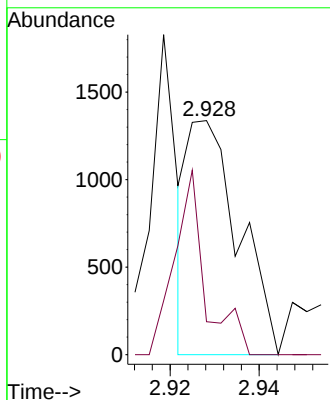
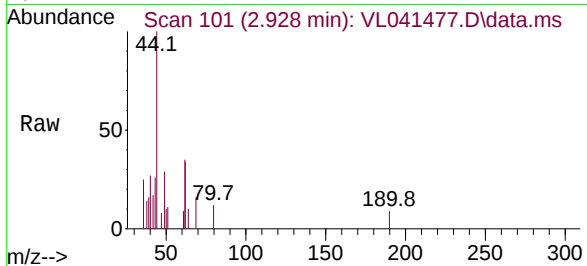




#5
 Vinyl Chloride
 Concen: 0.020 ppbv
 RT: 2.928 min Scan# 1067
 Delta R.T. 0.006 min
 Lab File: VL041477.D
 Acq: 1 Aug 2024 14:11

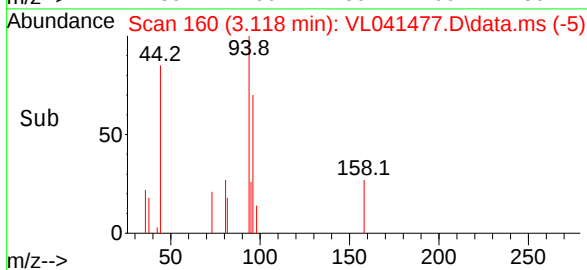
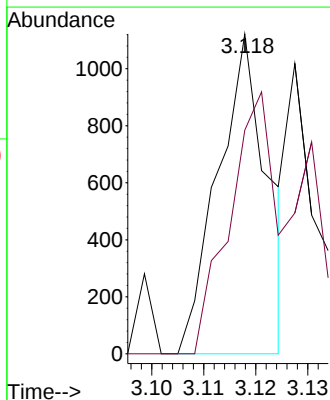
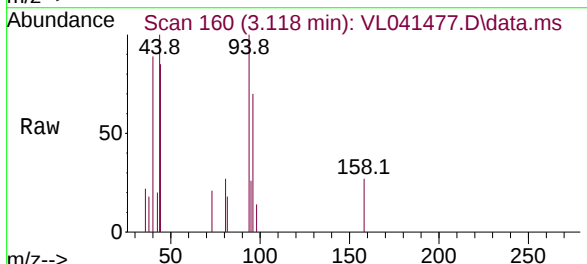
Instrument :
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 ClientSampleId :
 MDL-AIR-03-QT3-2024

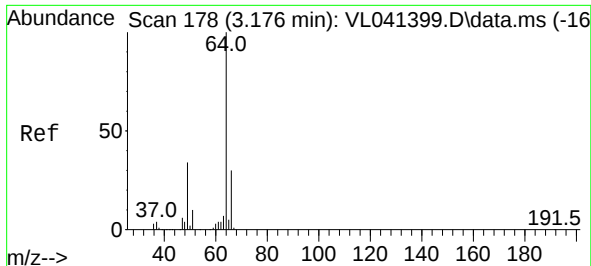
Tgt Ion: 62 Resp: 1067
 Ion Ratio Lower Upper
 62 100
 64 14.1 25.0 37.4#



#6
 Bromomethane
 Concen: 0.027 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VL041477.D
 Acq: 1 Aug 2024 14:11

Tgt Ion: 94 Resp: 742
 Ion Ratio Lower Upper
 94 100
 96 69.9 72.3 108.5#

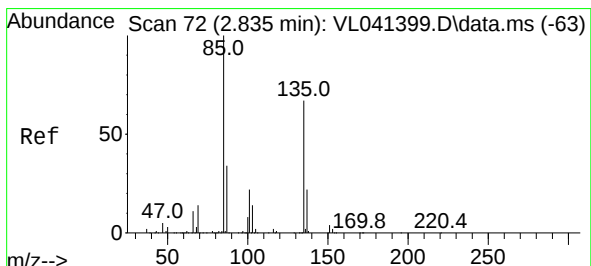
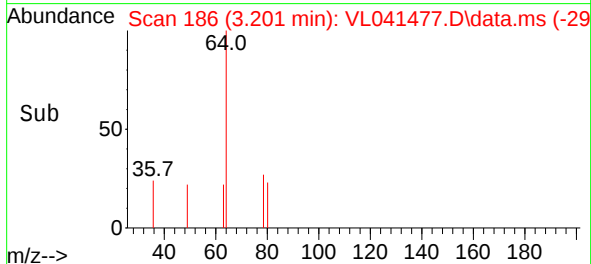
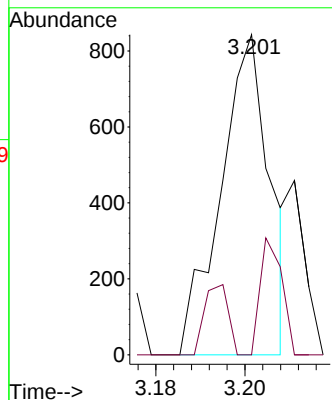
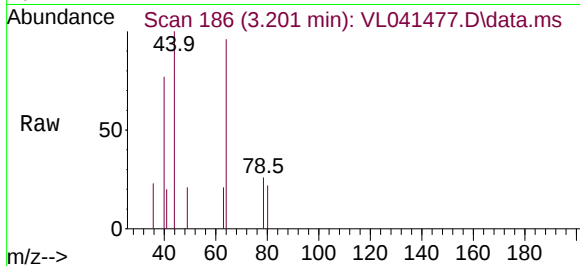




#7
Chloroethane
Concen: 0.035 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

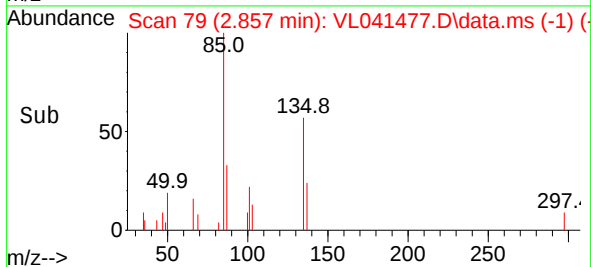
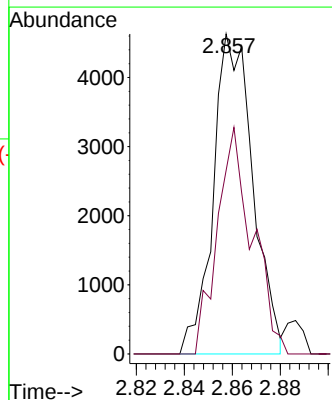
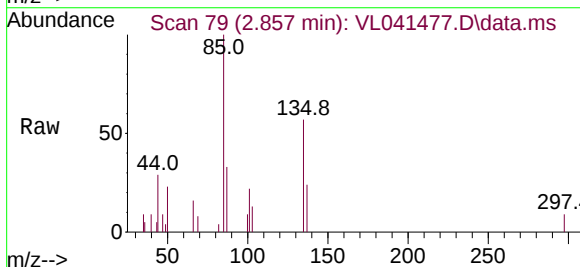
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MDL-AIR-03-QT3-2024

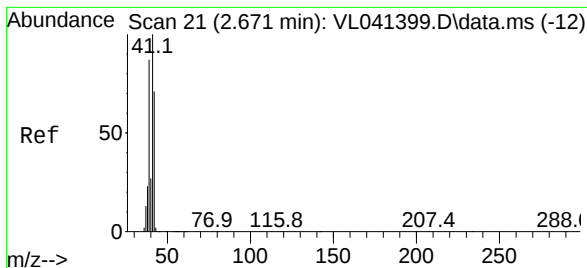
Tgt Ion: 64 Resp: 646
Ion Ratio Lower Upper
64 100
66 0.0 24.2 36.2#



#8
Dichlorotetrafluoroethane
Concen: 0.041 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.000 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion: 85 Resp: 5304
Ion Ratio Lower Upper
85 100
135 62.9 55.4 83.0





#9

Propene

Concen: 0.070 ppbv

RT: 2.697 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

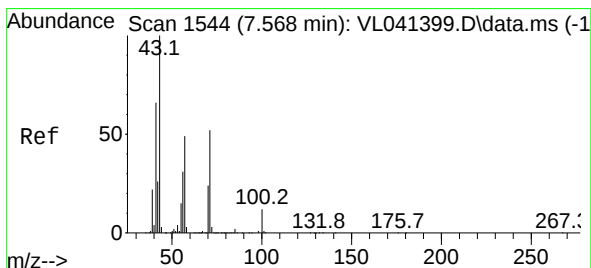
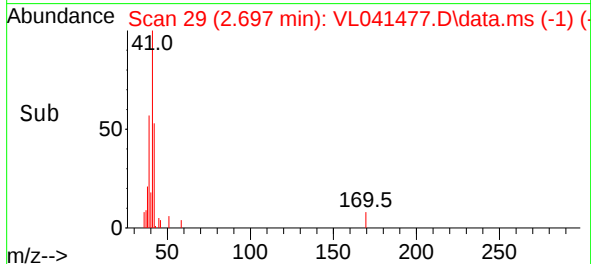
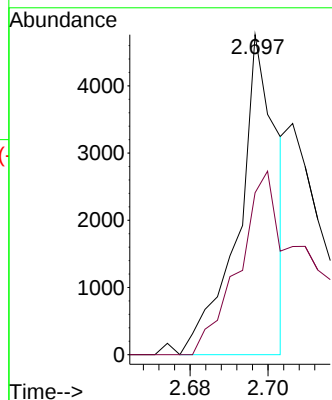
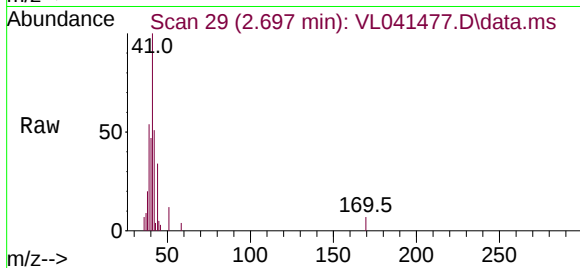
MDL-AIR-03-QT3-2024

Tgt Ion: 41 Resp: 3246

Ion Ratio Lower Upper

41 100

42 102.4 55.9 83.9#



#10

Heptane

Concen: 0.016 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.006 min

Lab File: VL041477.D

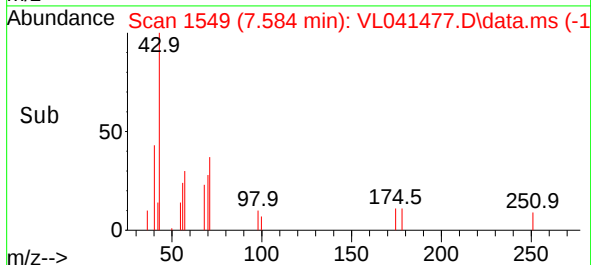
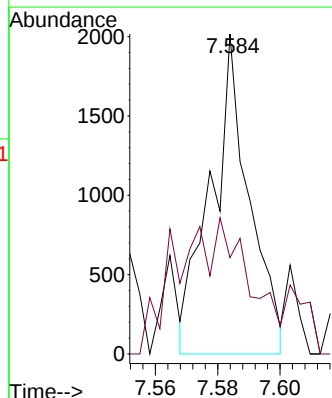
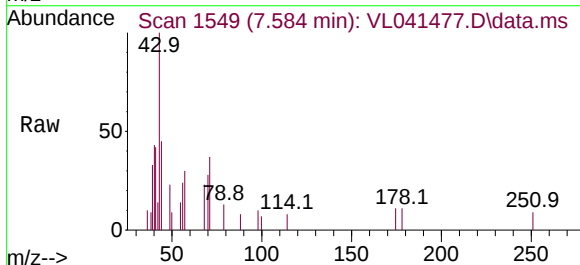
Acq: 1 Aug 2024 14:11

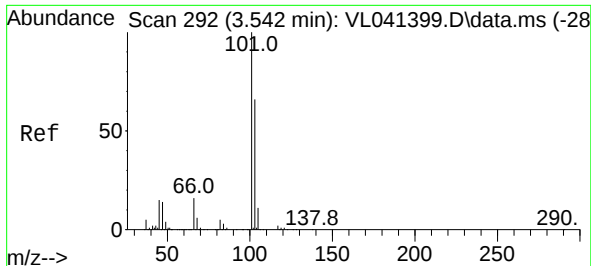
Tgt Ion: 43 Resp: 1708

Ion Ratio Lower Upper

43 100

57 97.7 40.5 60.7#





#11

Trichlorofluoromethane

Concen: 0.021 ppbv

RT: 3.565 min Scan# 20

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

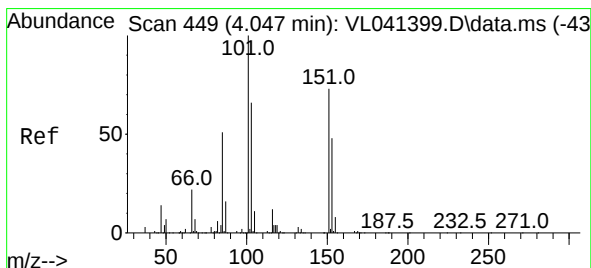
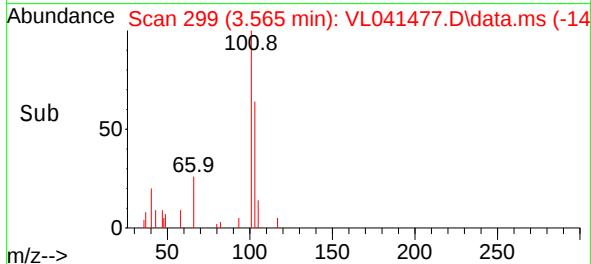
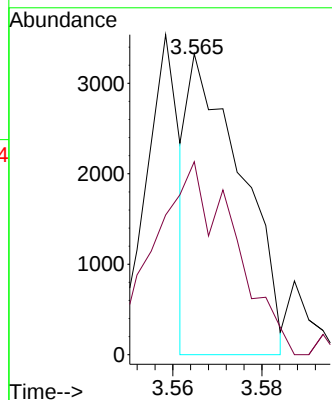
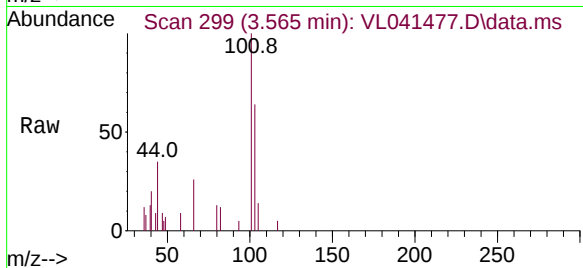
MDL-AIR-03-QT3-2024

Tgt Ion:101 Resp: 2758

Ion Ratio Lower Upper

101 100

103 63.0 52.6 79.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.037 ppbv

RT: 4.070 min Scan# 456

Delta R.T. 0.006 min

Lab File: VL041477.D

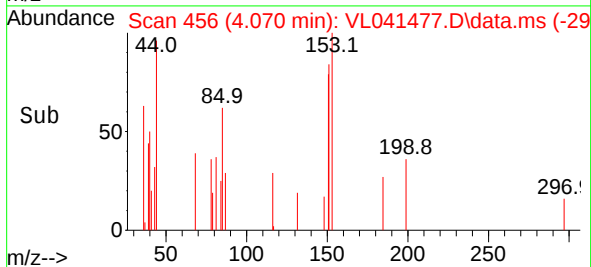
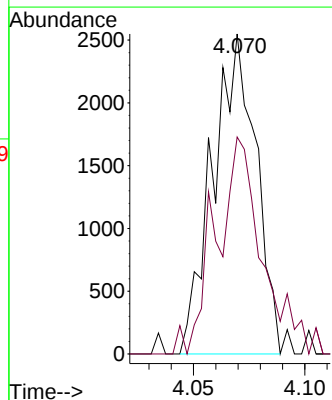
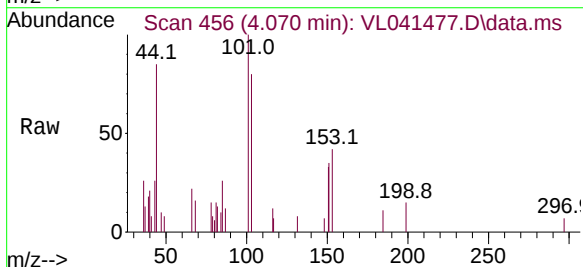
Acq: 1 Aug 2024 14:11

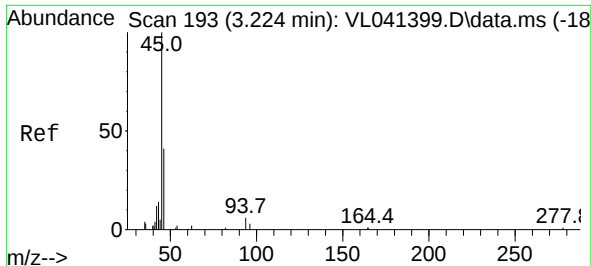
Tgt Ion:101 Resp: 3438

Ion Ratio Lower Upper

101 100

151 74.2 59.4 89.2





#13

Ethanol

Concen: 0.008 ppbv

RT: 3.250 min Scan# 201

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

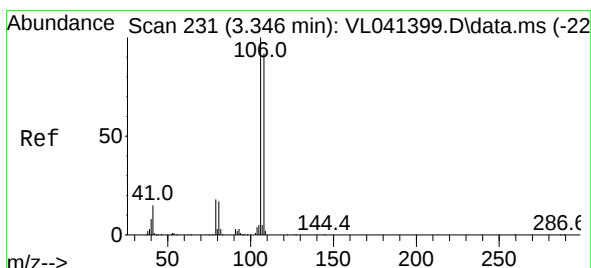
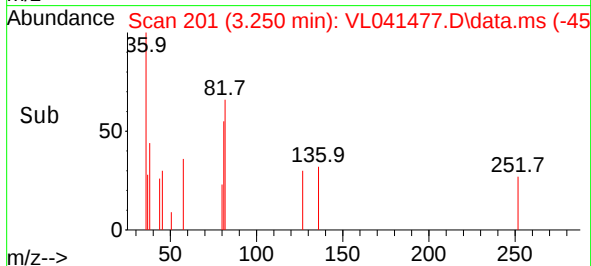
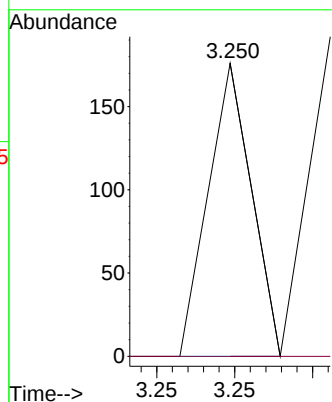
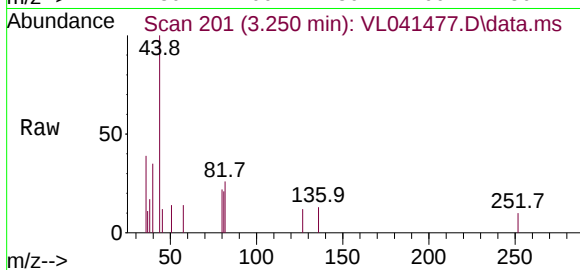
MDL-AIR-03-QT3-2024

Tgt Ion: 45 Resp: 34

Ion Ratio Lower Upper

45 100

46 0.0 13.4 53.4#



#14

Bromoethene

Concen: 0.026 ppbv

RT: 3.369 min Scan# 238

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

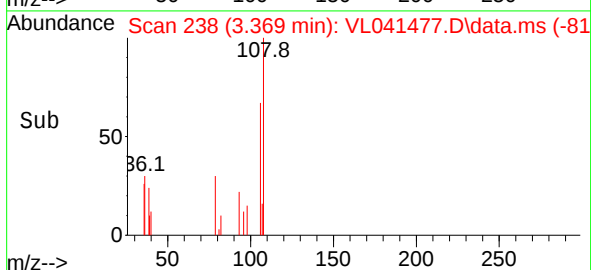
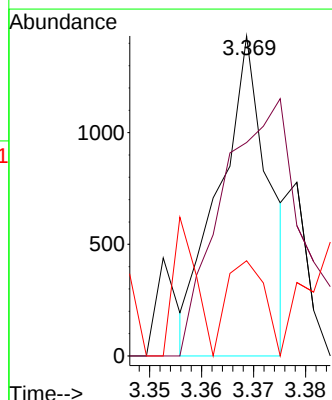
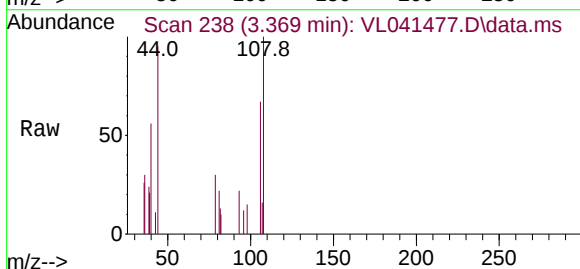
Tgt Ion:108 Resp: 952

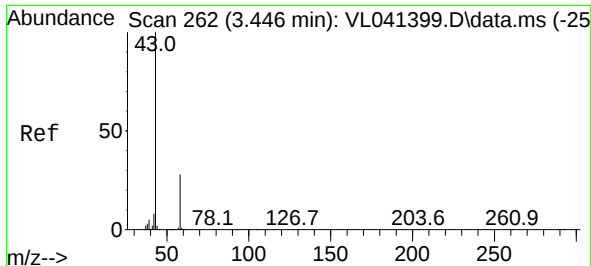
Ion Ratio Lower Upper

108 100

106 0.0 86.9 130.3#

79 0.0 16.2 24.4#





#15

Acetone

Concen: 0.162 ppbv

RT: 3.501 min Scan# 21

Delta R.T. 0.035 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

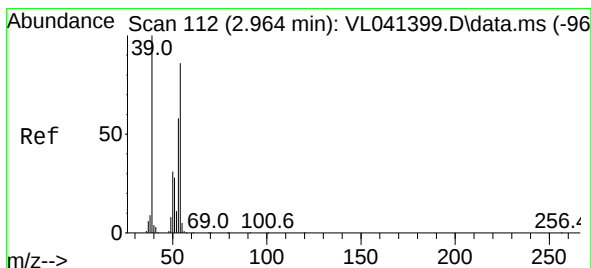
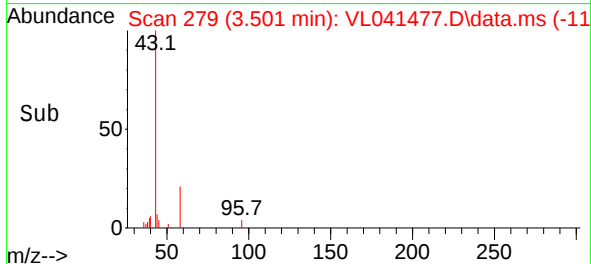
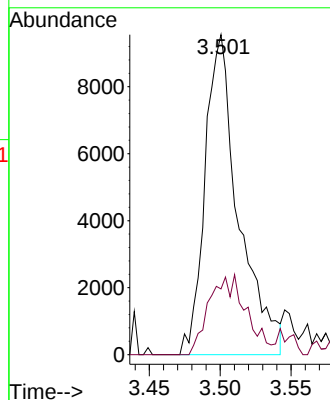
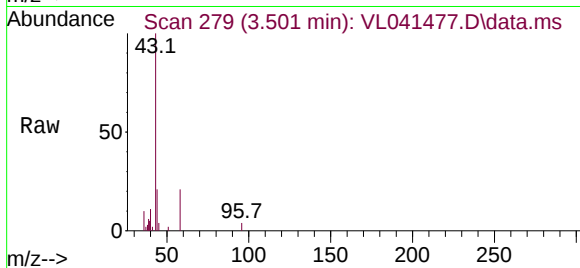
MDL-AIR-03-QT3-2024

Tgt Ion: 43 Resp: 15720

Ion Ratio Lower Upper

43 100

58 31.0 21.4 32.2



#16

1,3-Butadiene

Concen: 0.008 ppbv

RT: 2.986 min Scan# 119

Delta R.T. -0.000 min

Lab File: VL041477.D

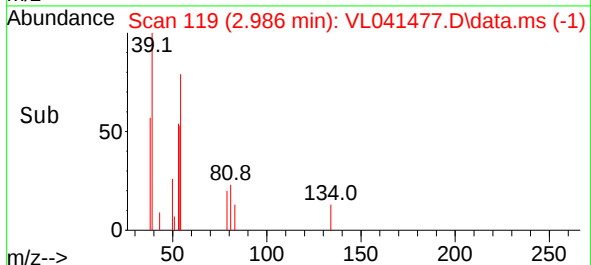
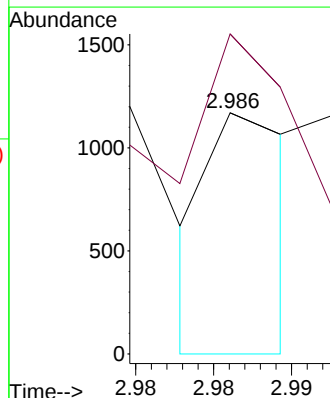
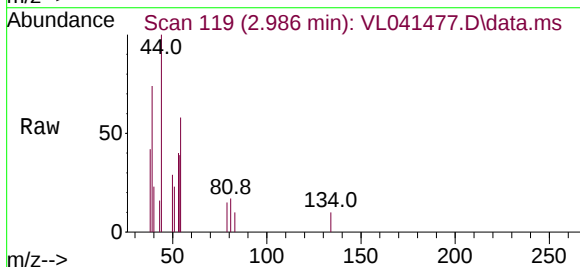
Acq: 1 Aug 2024 14:11

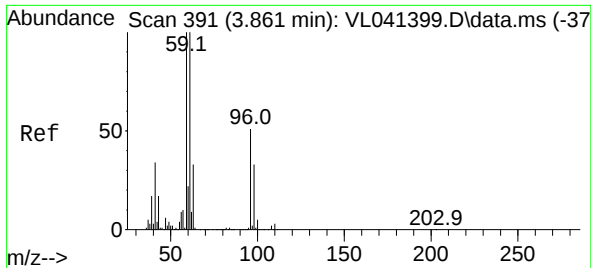
Tgt Ion: 39 Resp: 432

Ion Ratio Lower Upper

39 100

54 371.5 62.5 93.7#





#17

tert-Butyl alcohol

Concen: 0.014 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.035 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

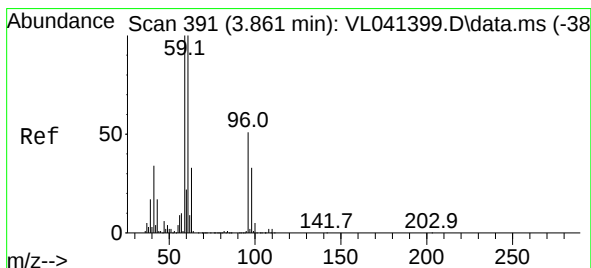
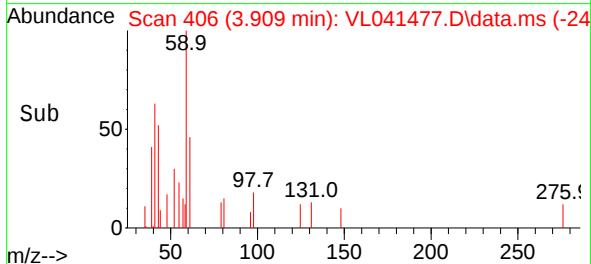
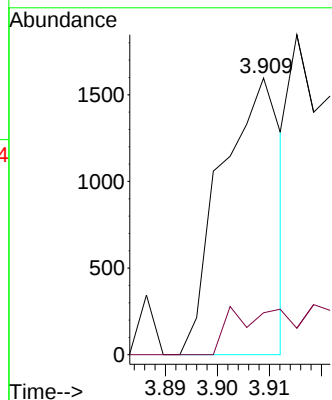
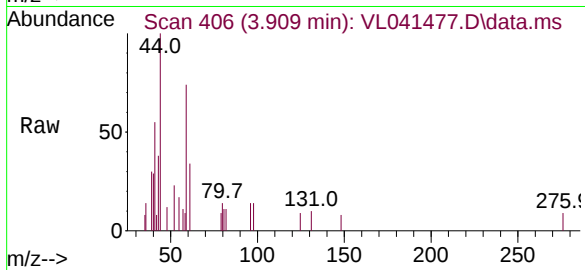
MDL-AIR-03-QT3-2024

Tgt Ion: 59 Resp: 1279

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.018 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

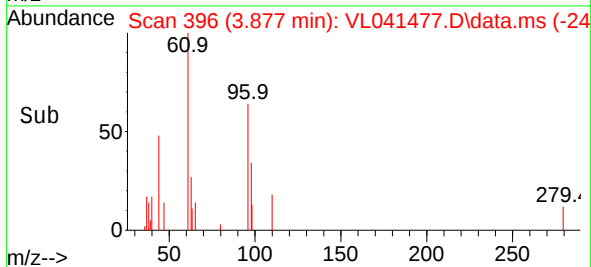
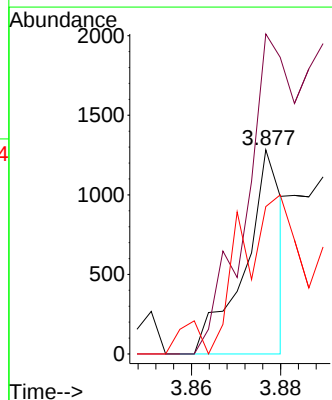
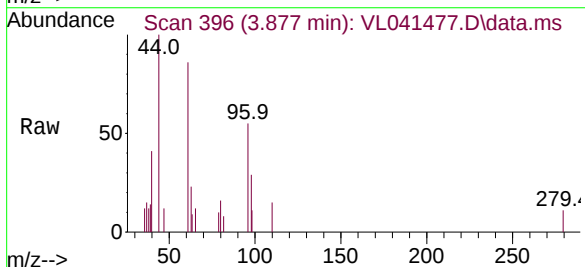
Tgt Ion: 96 Resp: 739

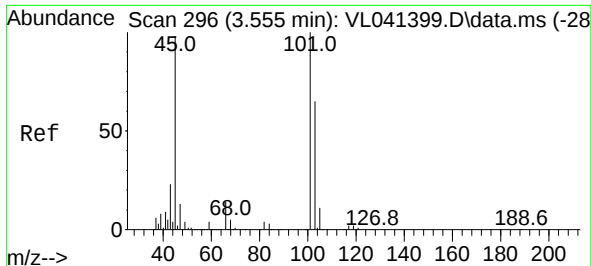
Ion Ratio Lower Upper

96 100

61 156.7 157.5 236.3#

98 60.1 51.2 76.8





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.013 min

Lab File: VL041477.D

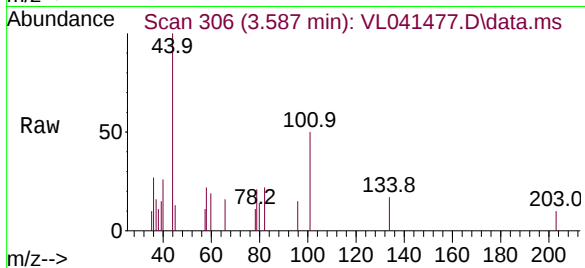
Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

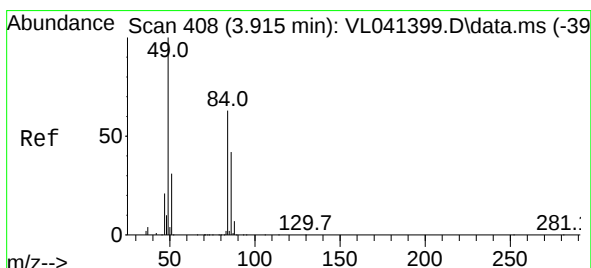
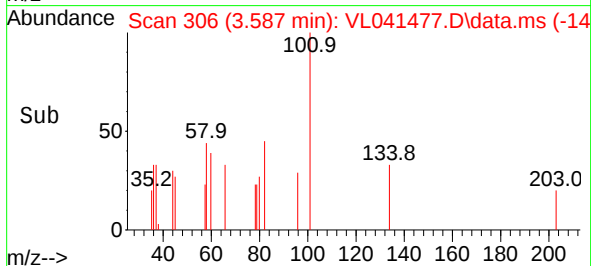
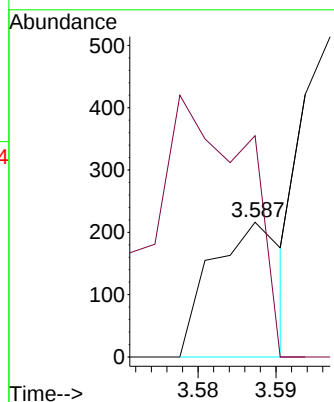
ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion: 45 Resp: 137

Ion	Ratio	Lower	Upper
45	100		
58	227.7	1.9	2.9#



#20

Methylene Chloride

Concen: 0.140 ppbv

RT: 3.938 min Scan# 415

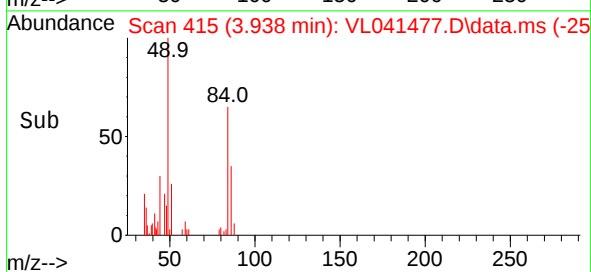
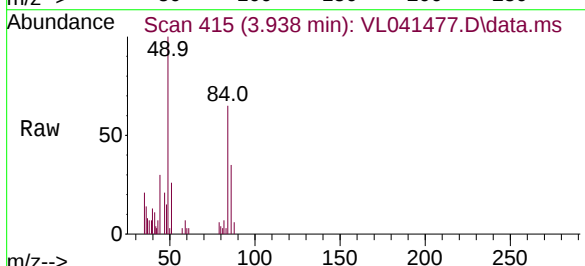
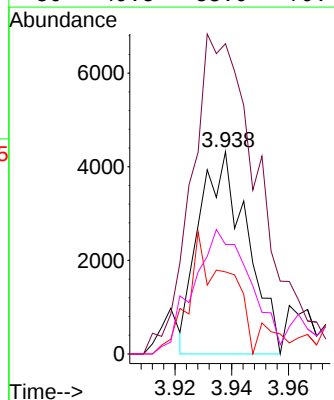
Delta R.T. 0.006 min

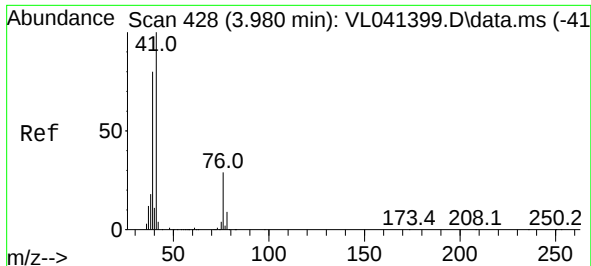
Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Tgt Ion: 84 Resp: 5062

Ion	Ratio	Lower	Upper
84	100		
49	117.4	126.6	190.0#
51	30.7	38.6	58.0#
86	49.5	53.0	79.4#





#21
Allyl Chloride
Concen: 0.020 ppbv
RT: 3.999 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

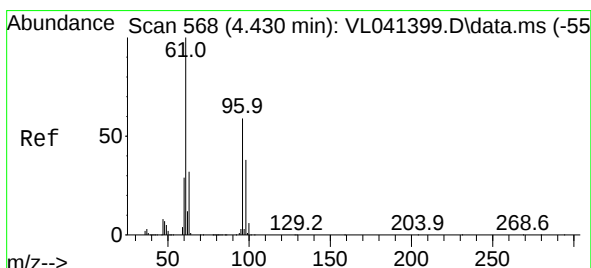
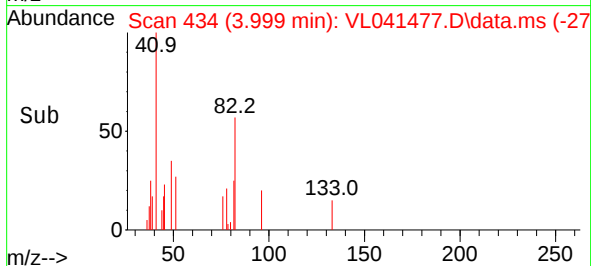
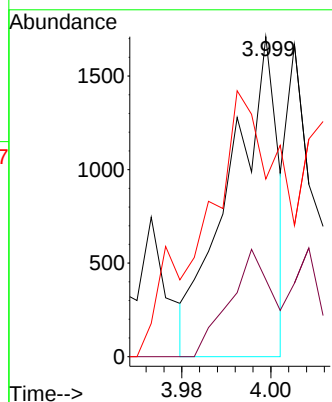
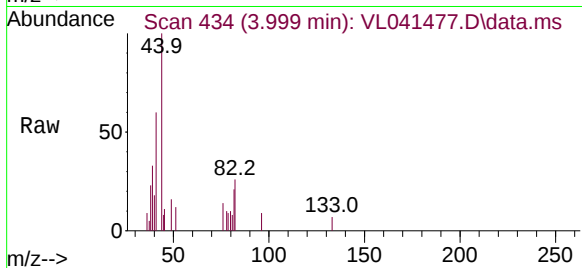
Instrument :

MSVOA_L

ClientSampleId :

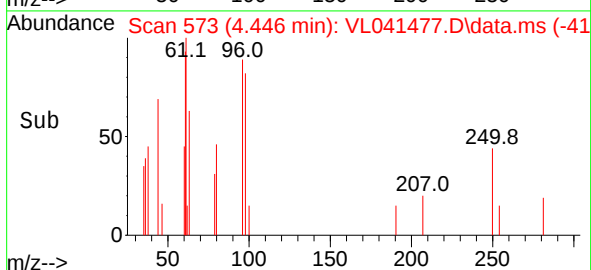
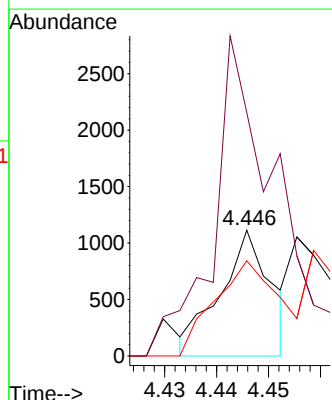
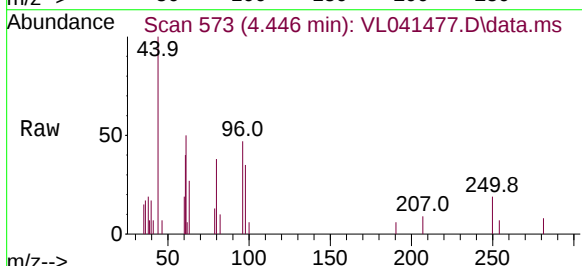
MDL-AIR-03-QT3-2024

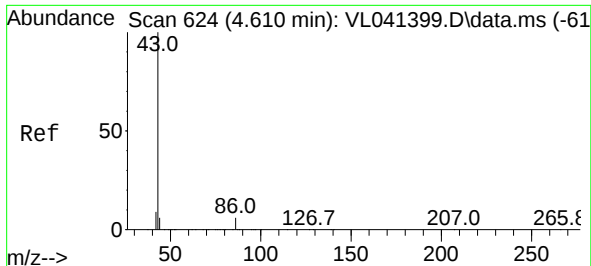
Tgt Ion: 41 Resp: 1291
Ion Ratio Lower Upper
41 100
76 0.0 23.7 35.5#
39 218.0 64.3 96.5#



#22
trans-1,2-Dichloroethene
Concen: 0.019 ppbv
RT: 4.446 min Scan# 573
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion: 96 Resp: 750
Ion Ratio Lower Upper
96 100
61 201.9 135.4 203.2
98 89.2 51.0 76.4#

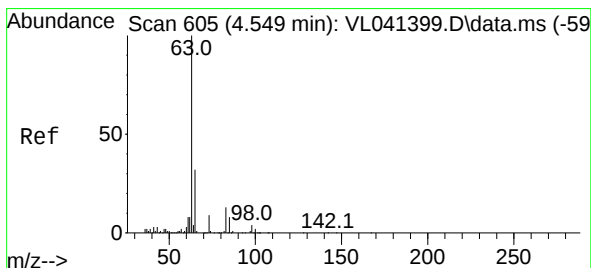
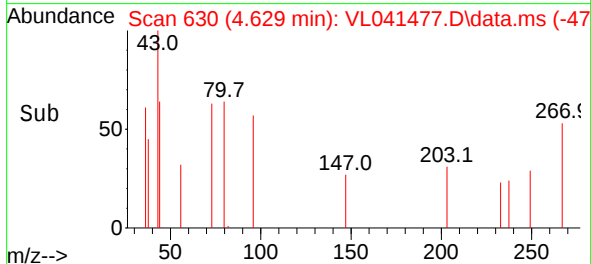
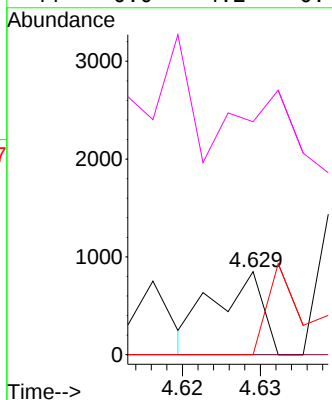
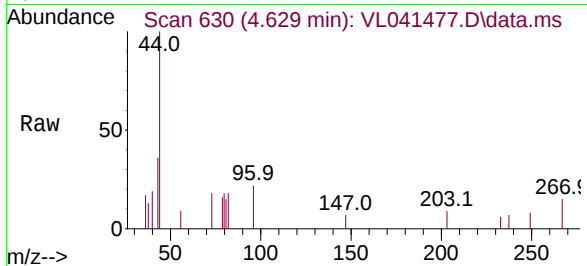




#23
Vinyl Acetate
Concen: 0.005 ppbv
RT: 4.629 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

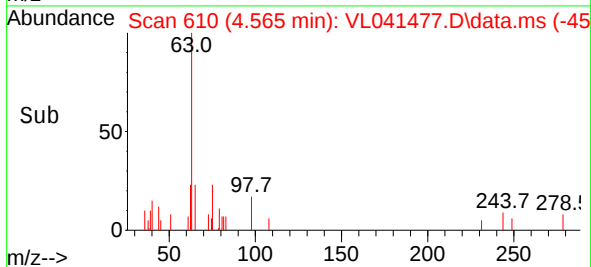
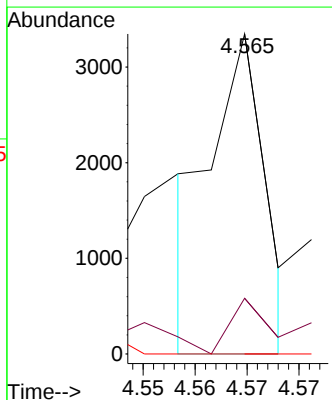
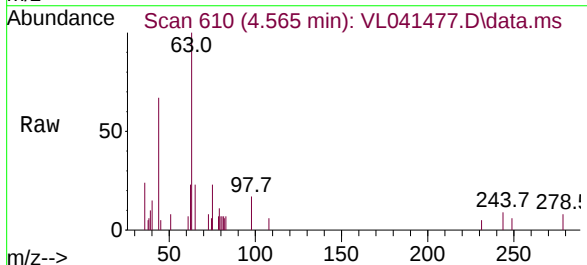
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

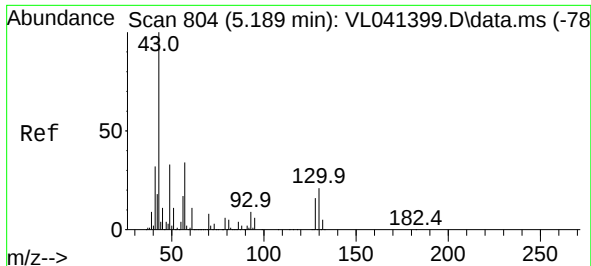
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
86 0.0 4.6 6.8#
42 0.0 7.9 11.9#
44 0.0 4.2 6.4#



#24
1,1-Dichloroethane
Concen: 0.014 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion: 63 Resp: 1191
Ion Ratio Lower Upper
63 100
98 18.4 2.0 6.0#
100 0.0 1.2 3.6#





#25

Ethyl Acetate

Concen: 0.014 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.013 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 43 Resp: 2636

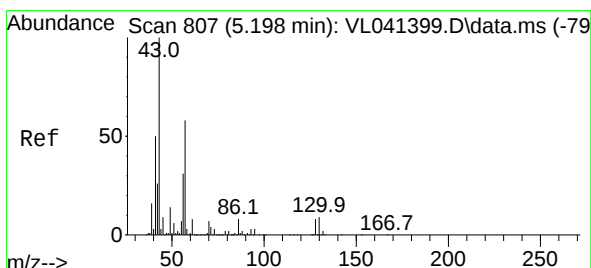
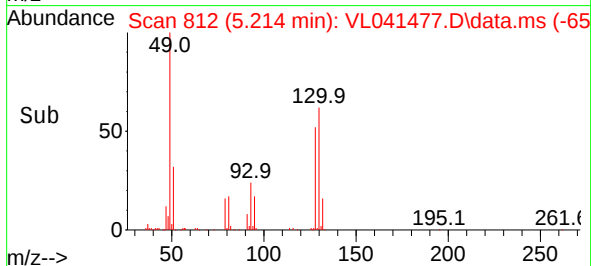
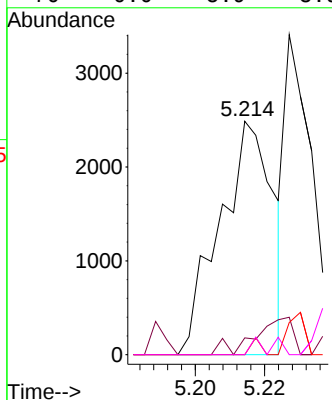
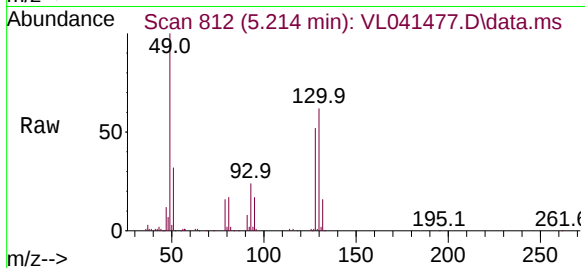
Ion Ratio Lower Upper

43 100

45 3.8 8.5 12.7#

61 0.0 8.0 12.0#

70 0.0 5.9 8.9#



#26

Hexane

Concen: 0.026 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Tgt Ion: 57 Resp: 2063

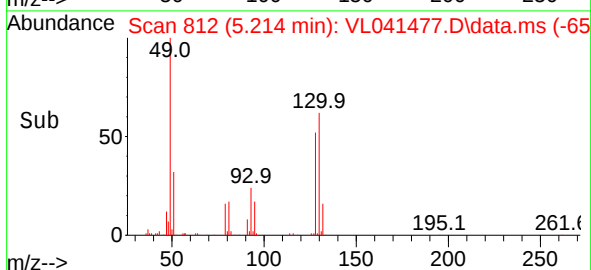
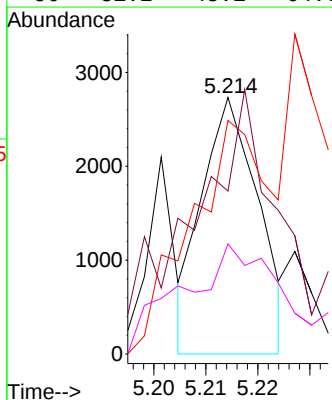
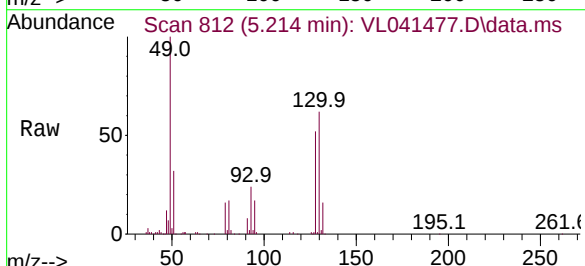
Ion Ratio Lower Upper

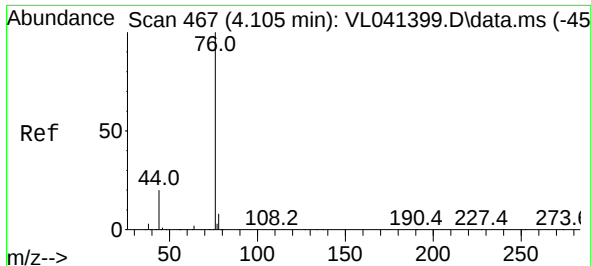
57 100

41 191.7 74.0 111.0#

43 0.0 193.6 290.4#

56 81.2 43.1 64.7#





#27

Carbon Disulfide

Concen: 0.009 ppbv

RT: 4.134 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

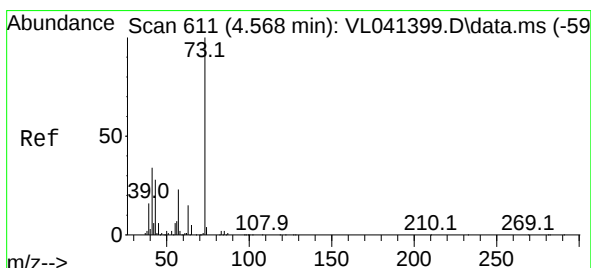
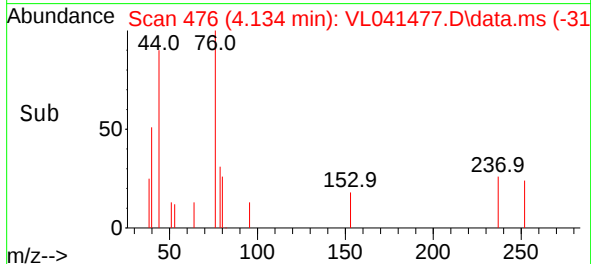
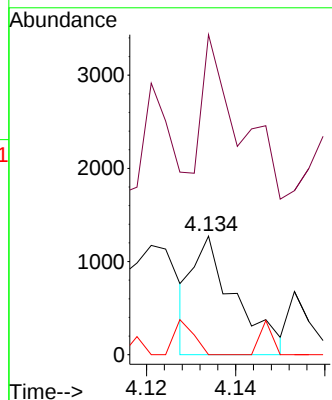
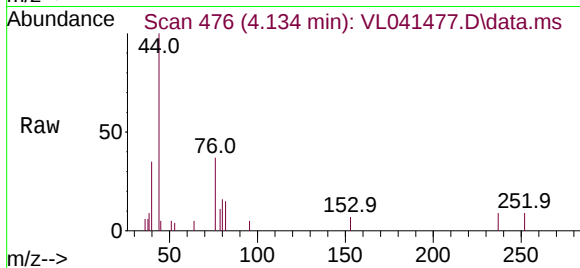
Tgt Ion: 76 Resp: 847

Ion Ratio Lower Upper

76 100

44 180.8 15.6 23.4#

78 38.4 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.007 ppbv

RT: 4.594 min Scan# 619

Delta R.T. 0.013 min

Lab File: VL041477.D

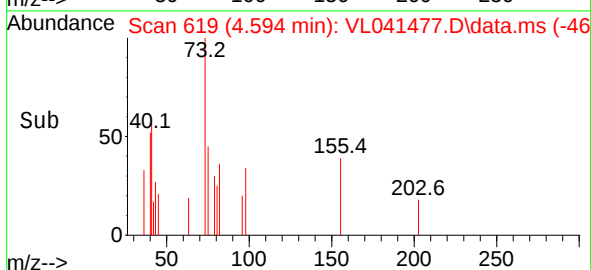
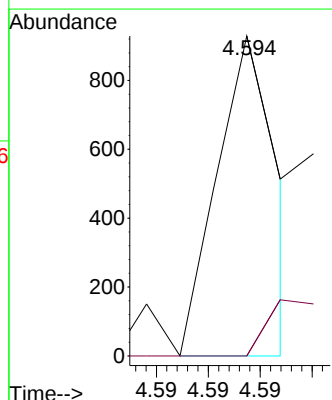
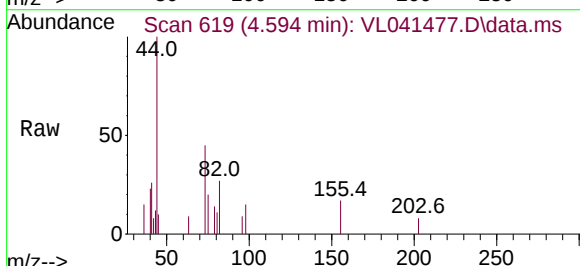
Acq: 1 Aug 2024 14:11

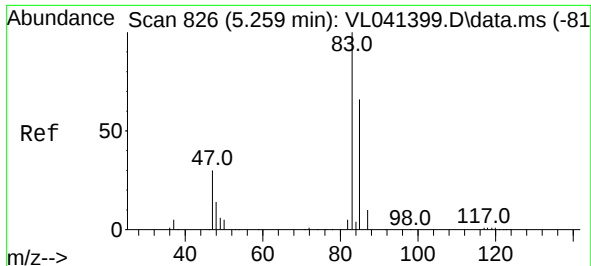
Tgt Ion: 73 Resp: 371

Ion Ratio Lower Upper

73 100

57 0.0 18.9 28.3#





#29

Chloroform

Concen: 0.030 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

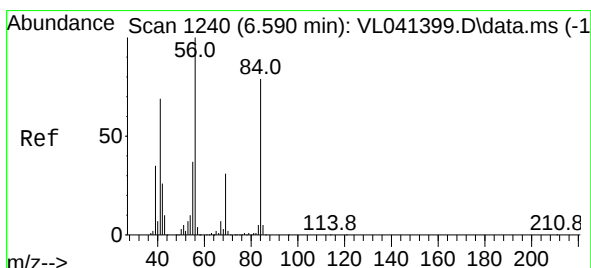
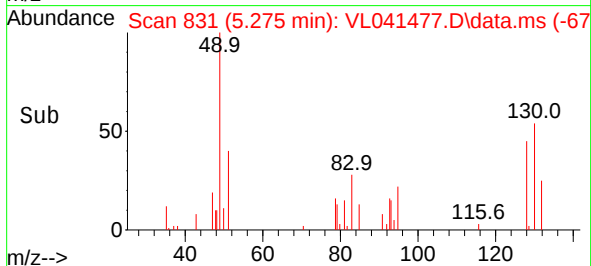
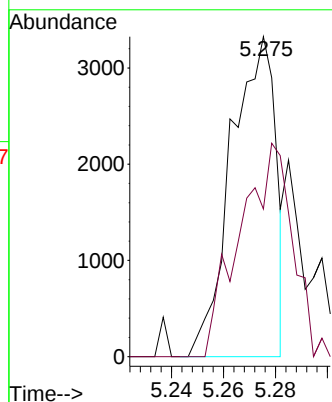
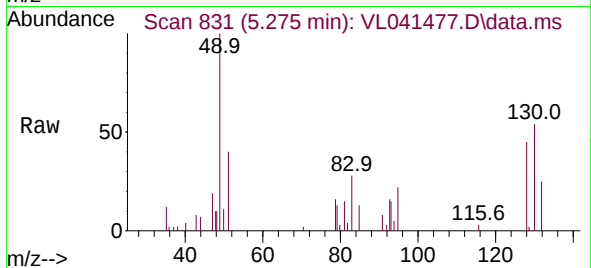
MDL-AIR-03-QT3-2024

Tgt Ion: 83 Resp: 3956

Ion Ratio Lower Upper

83 100

85 46.2 53.1 79.7#



#30

Cyclohexane

Concen: 0.009 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.010 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

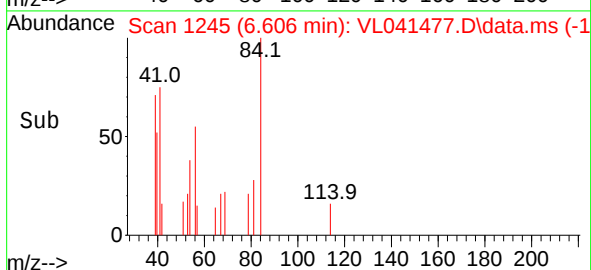
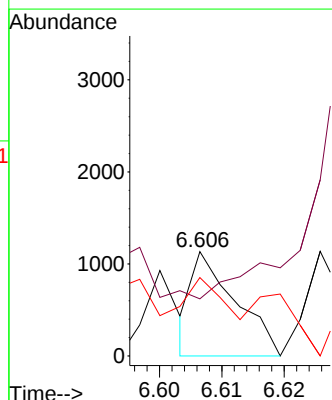
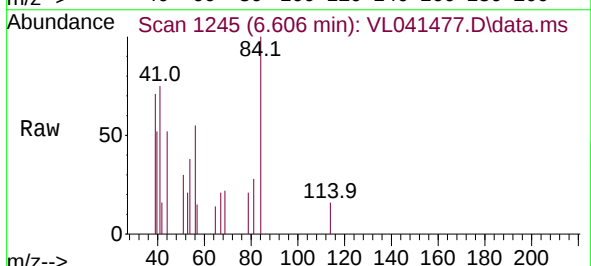
Tgt Ion: 84 Resp: 553

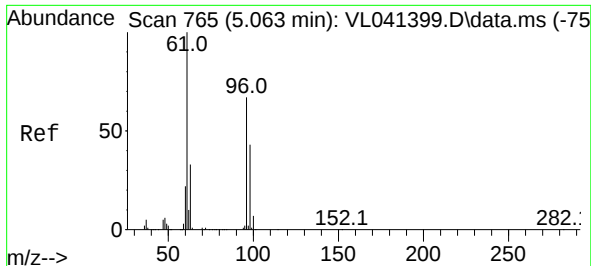
Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

41 278.8 70.3 105.5#





#31

cis-1,2-Dichloroethene

Concen: 0.003 ppbv

RT: 5.102 min Scan# 7

Delta R.T. 0.026 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

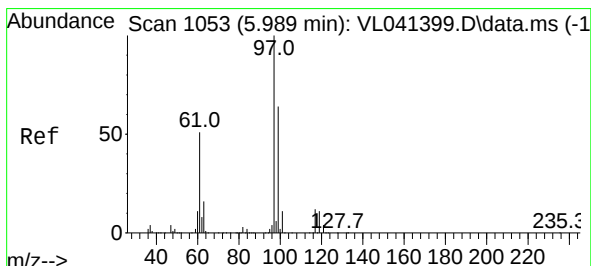
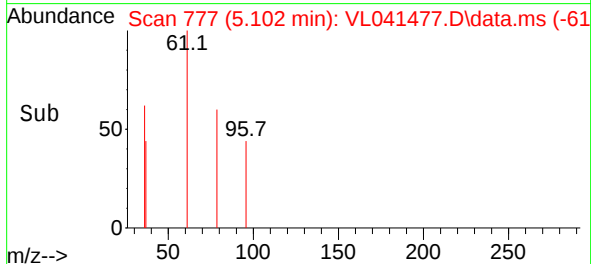
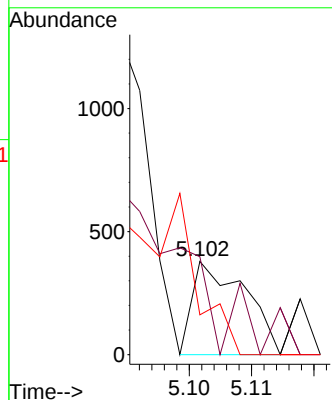
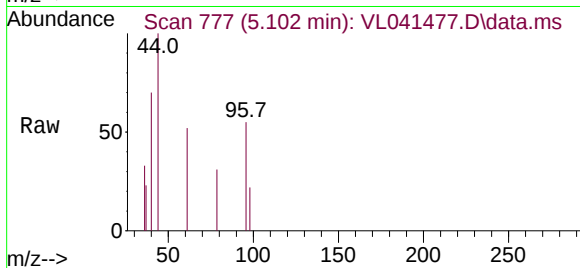
Tgt Ion: 61 Resp: 223

Ion Ratio Lower Upper

61 100

96 54.6 53.4 80.2

98 42.7 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 0.020 ppbv

RT: 6.005 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

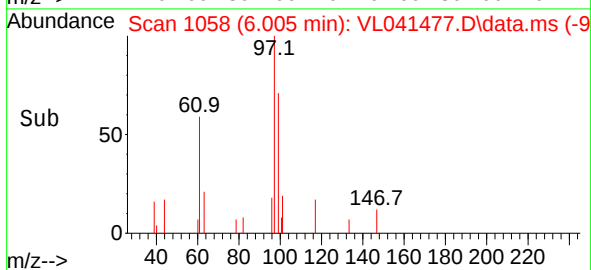
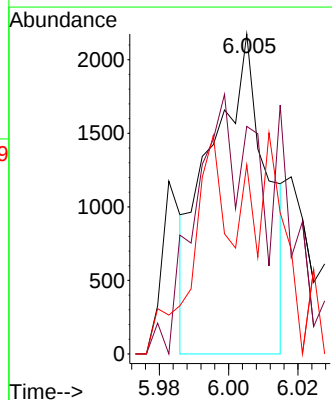
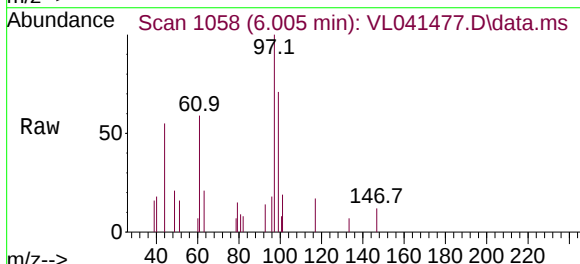
Tgt Ion: 97 Resp: 2480

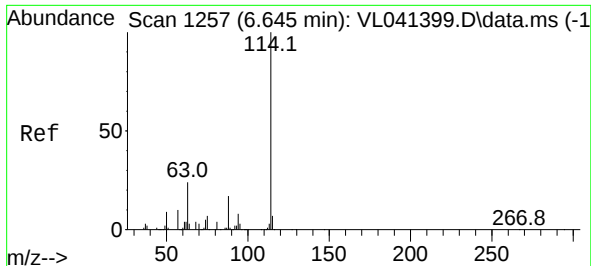
Ion Ratio Lower Upper

97 100

99 115.9 52.0 78.0#

61 0.0 41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

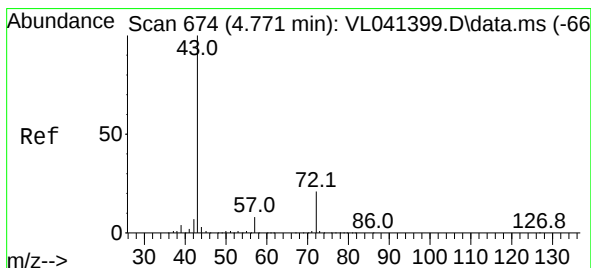
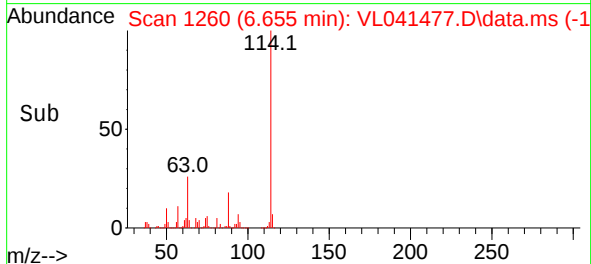
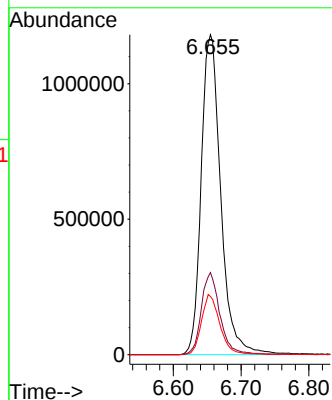
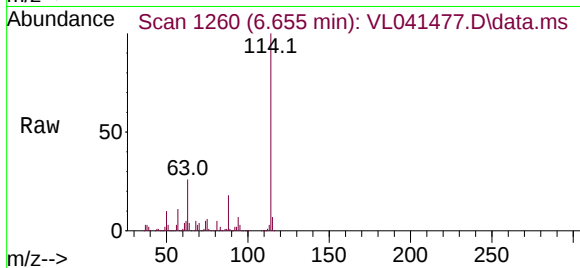
Tgt Ion:114 Resp: 2365687

Ion Ratio Lower Upper

114 100

63 24.7 20.3 30.5

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.016 min

Lab File: VL041477.D

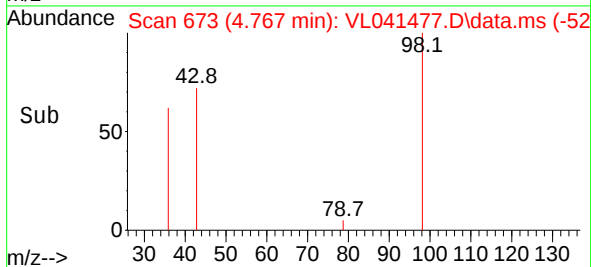
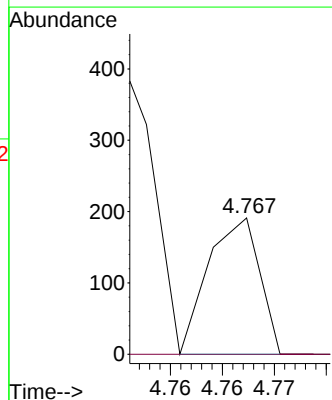
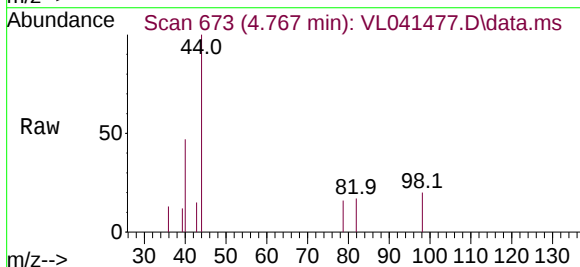
Acq: 1 Aug 2024 14:11

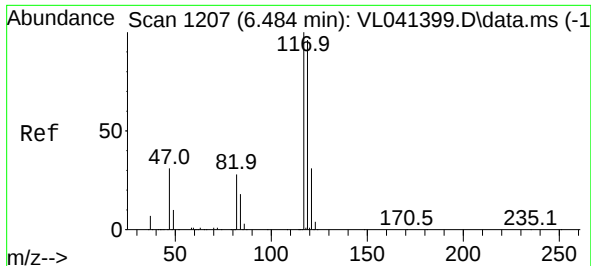
Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.016 ppbv

RT: 6.491 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

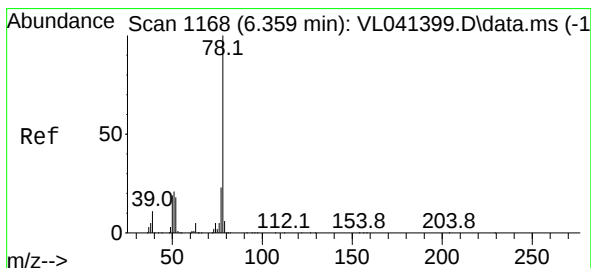
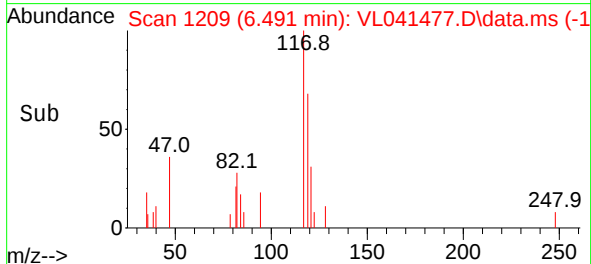
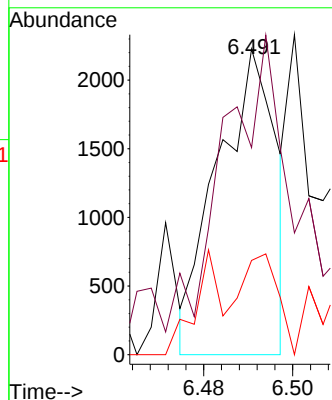
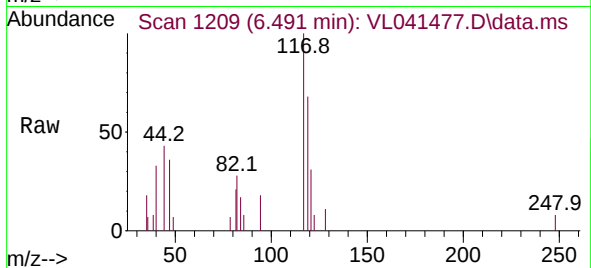
Tgt Ion:117 Resp: 2024

Ion Ratio Lower Upper

117 100

119 48.4 76.6 115.0#

121 22.7 25.1 37.7#



#36

Benzene

Concen: 0.020 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

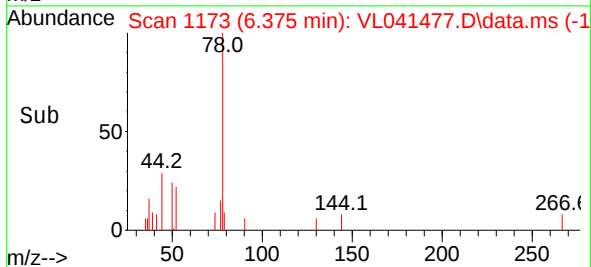
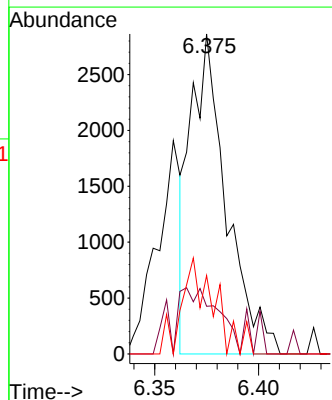
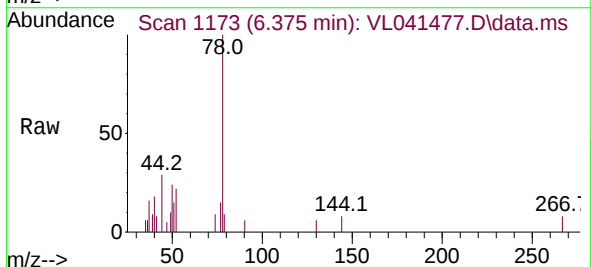
Tgt Ion: 78 Resp: 3451

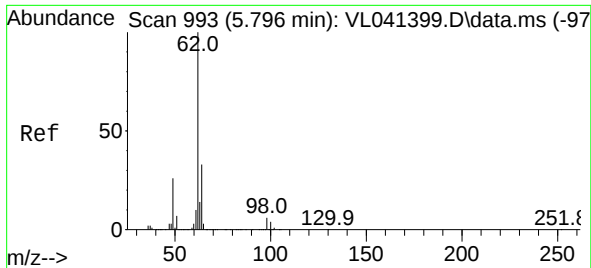
Ion Ratio Lower Upper

78 100

77 14.9 18.1 27.1#

50 24.5 15.5 23.3#





#37

1,2-Dichloroethane

Concen: 0.017 ppbv

RT: 5.806 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

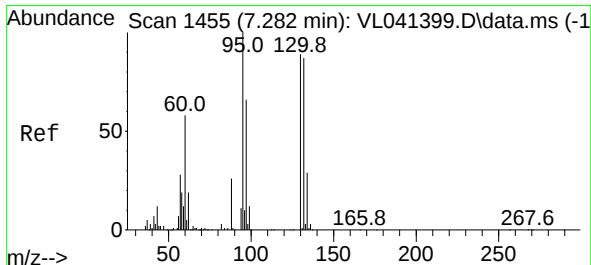
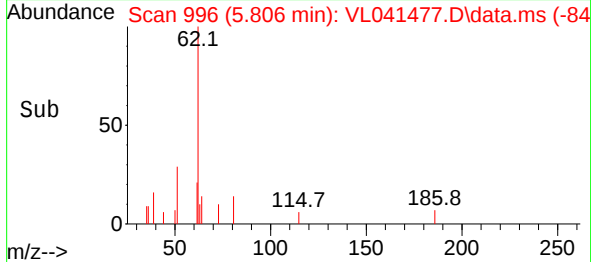
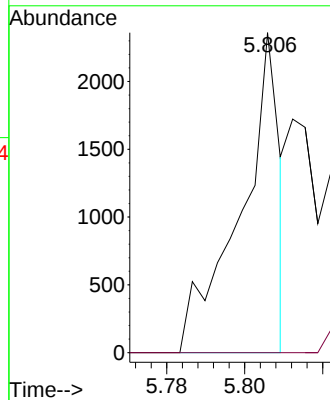
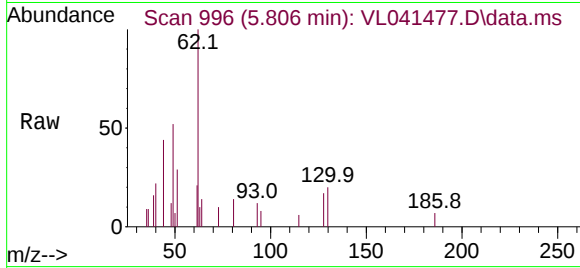
MDL-AIR-03-QT3-2024

Tgt Ion: 62 Resp: 1639

Ion Ratio Lower Upper

62 100

98 0.0 5.0 7.4#



#38

Trichloroethene

Concen: 0.004 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Tgt Ion:130 Resp: 355

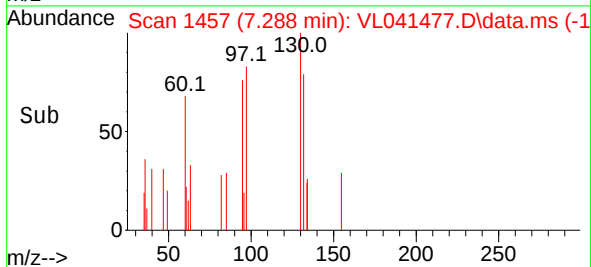
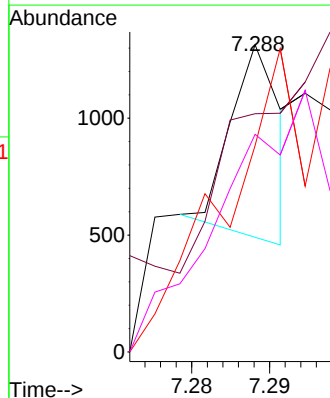
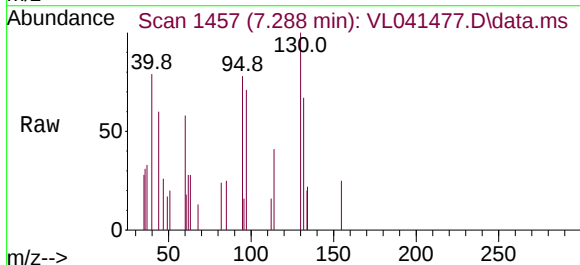
Ion Ratio Lower Upper

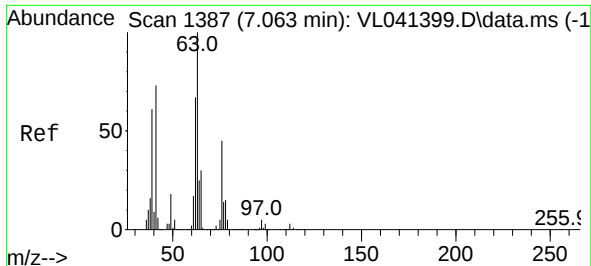
130 100

95 123.4 90.2 135.2

132 67.9 78.1 117.1#

97 88.1 59.7 89.5





#39

1,2-Dichloropropane

Concen: 8.673 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

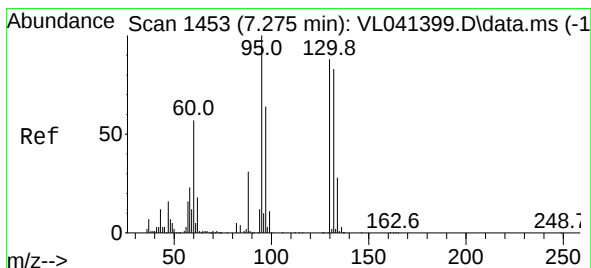
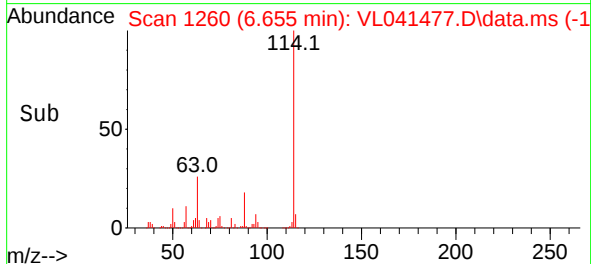
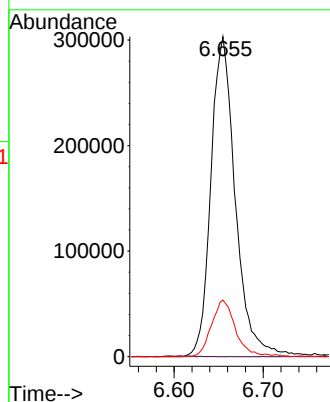
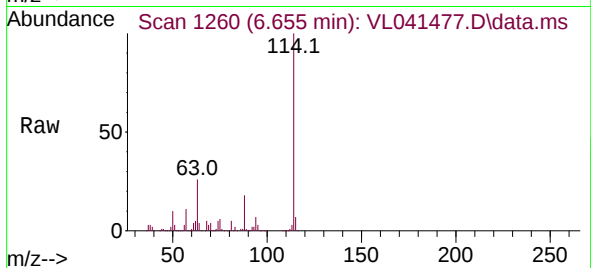
Tgt Ion: 63 Resp: 573983

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.7 53.9 80.9#



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.032 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Tgt Ion: 88 Resp: 131

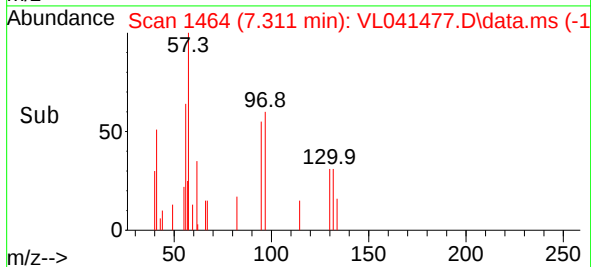
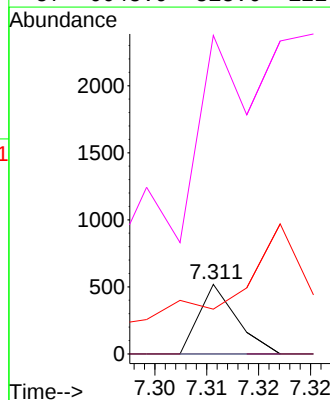
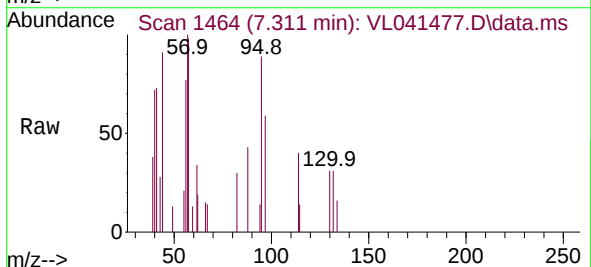
Ion Ratio Lower Upper

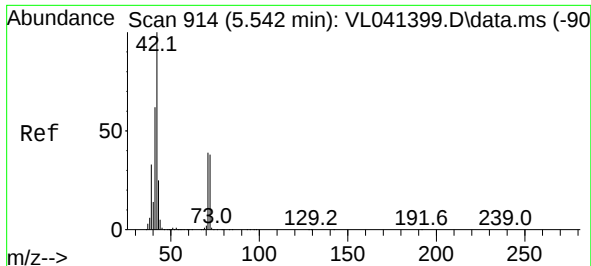
88 100

58 0.0 95.8 143.6#

43 1553.4 188.2 282.2#

57 6048.9 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 5.581 min Scan# 914

Delta R.T. 0.029 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

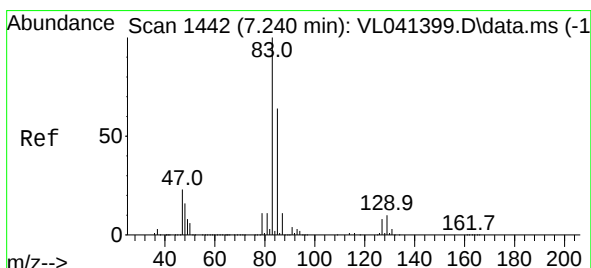
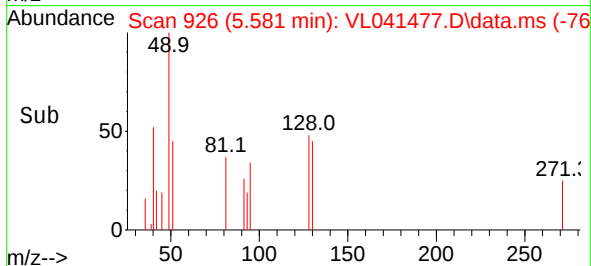
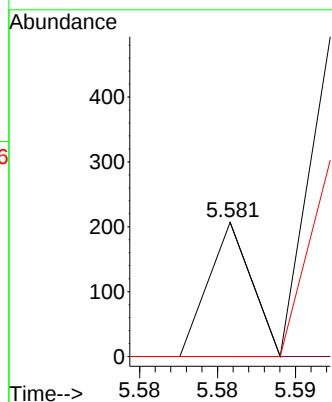
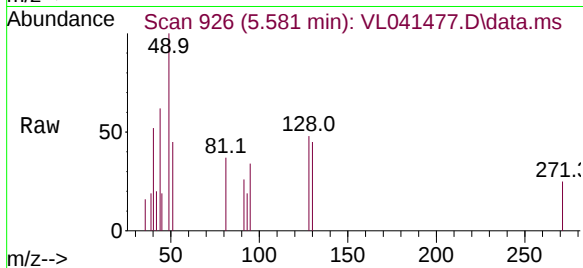
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

42 100

72 0.0 31.2 46.8#

71 0.0 30.5 45.7#



#42

Bromodichloromethane

Concen: 0.008 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

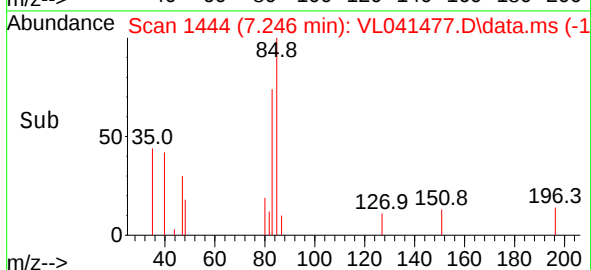
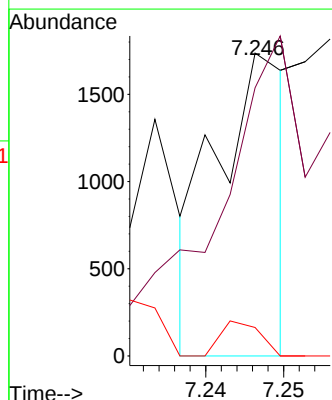
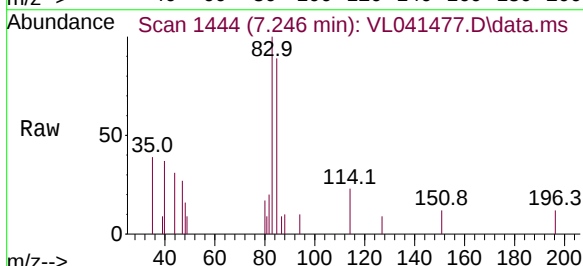
Tgt Ion: 83 Resp: 1088

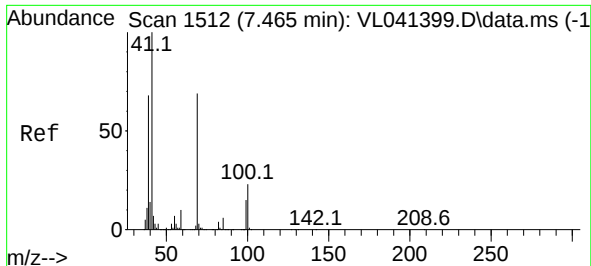
Ion Ratio Lower Upper

83 100

85 99.3 51.4 77.0#

127 17.4 6.7 10.1#





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 7.471 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

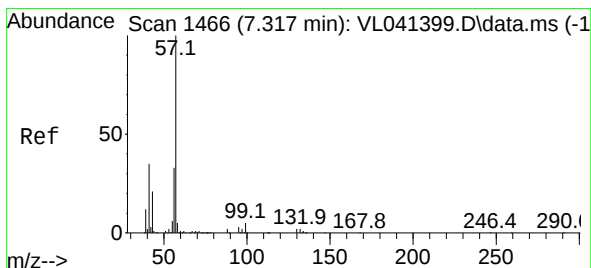
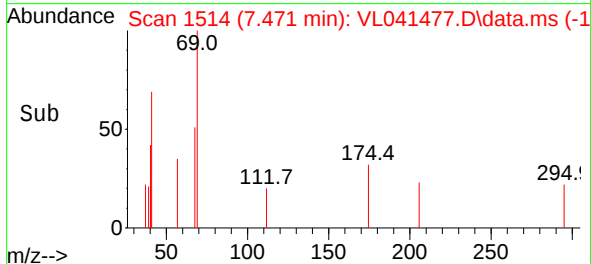
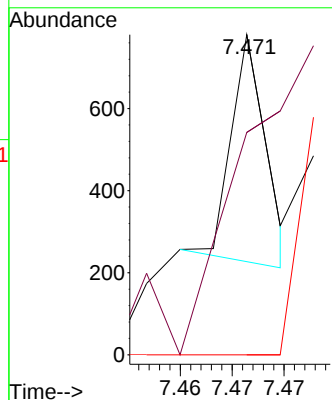
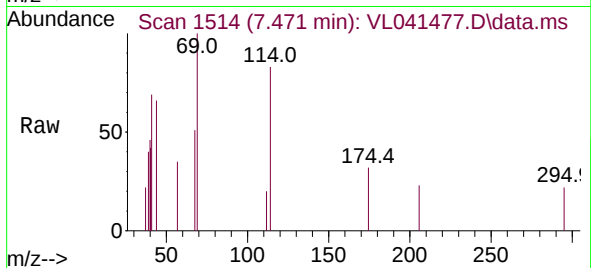
Tgt Ion: 69 Resp: 125

Ion Ratio Lower Upper

69 100

41 0.0 118.7 178.1#

100 0.0 27.0 40.4#



#44

2,2,4-Trimethylpentane

Concen: 0.016 ppbv

RT: 7.324 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

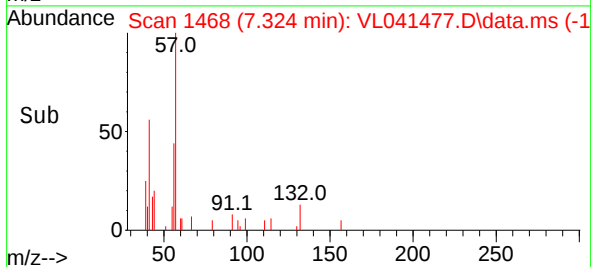
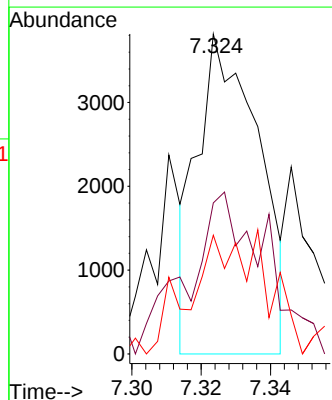
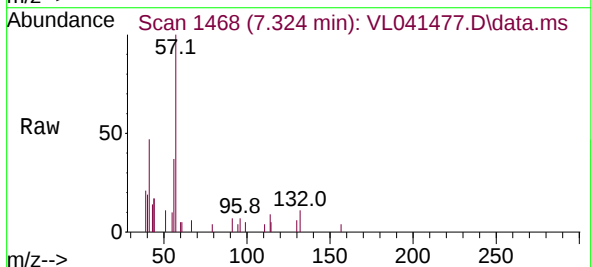
Tgt Ion: 57 Resp: 4672

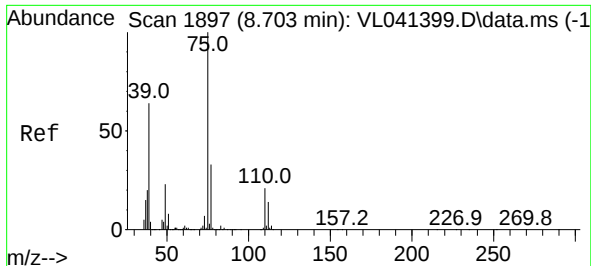
Ion Ratio Lower Upper

57 100

41 70.6 27.0 40.6#

56 0.0 25.2 37.8#





#45

t-1,3-Dichloropropene

Concen: 0.007 ppbv

RT: 8.716 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

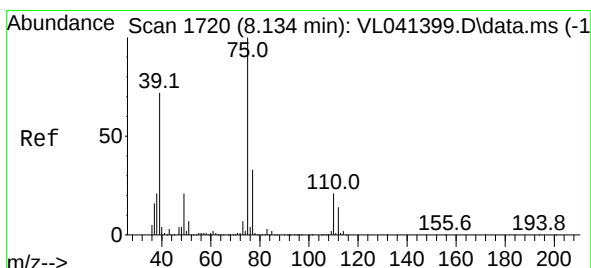
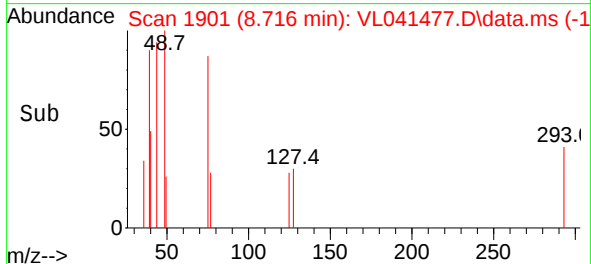
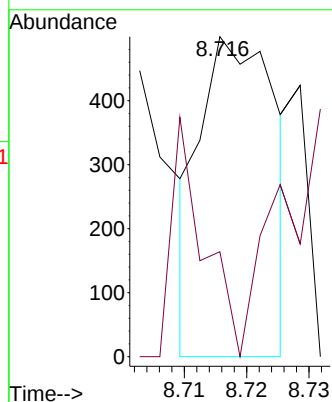
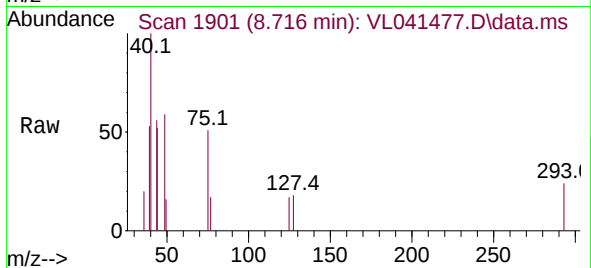
MDL-AIR-03-QT3-2024

Tgt Ion: 75 Resp: 415

Ion Ratio Lower Upper

75 100

77 32.8 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. -0.010 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

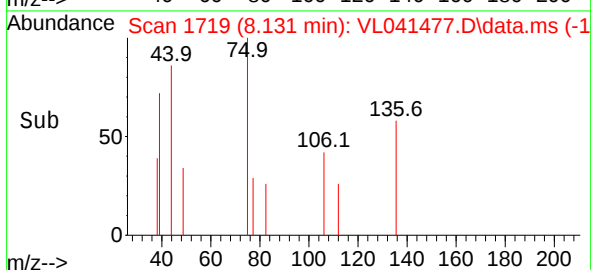
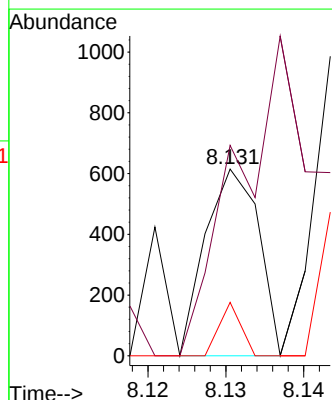
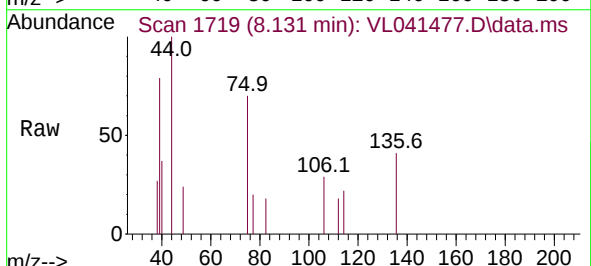
Tgt Ion: 75 Resp: 293

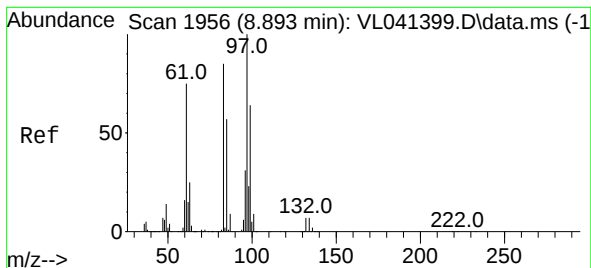
Ion Ratio Lower Upper

75 100

39 57.7 57.3 85.9

77 28.6 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.011 ppbv

RT: 8.889 min Scan# 1956

Delta R.T. -0.007 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 97 Resp: 780

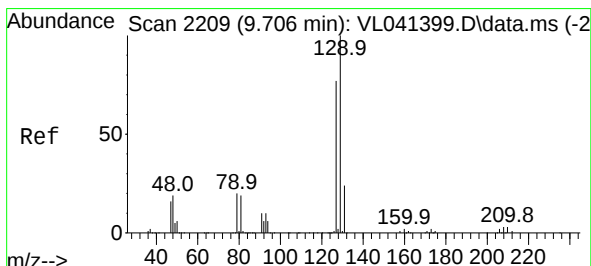
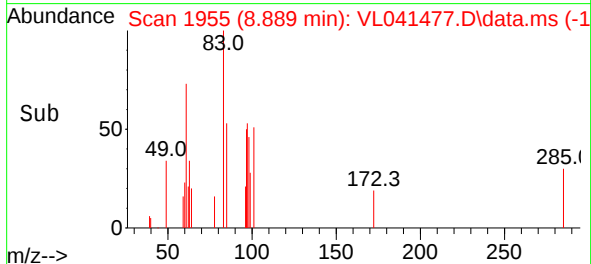
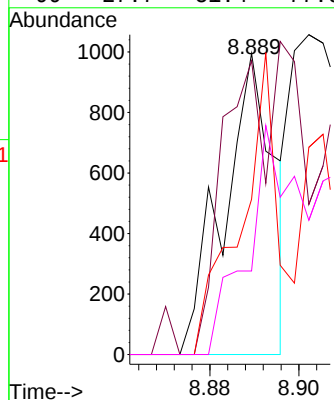
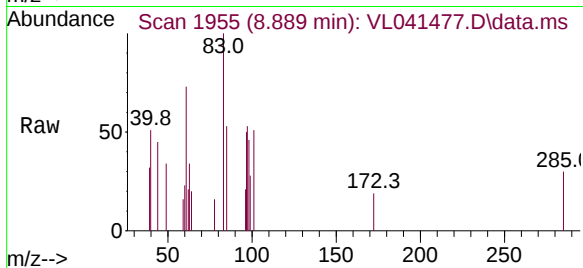
Ion Ratio Lower Upper

97 100

83 97.6 67.6 101.4

85 51.6 45.9 68.9

99 27.7 51.4 77.0#



#48

Dibromochloromethane

Concen: 0.009 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. 0.003 min

Lab File: VL041477.D

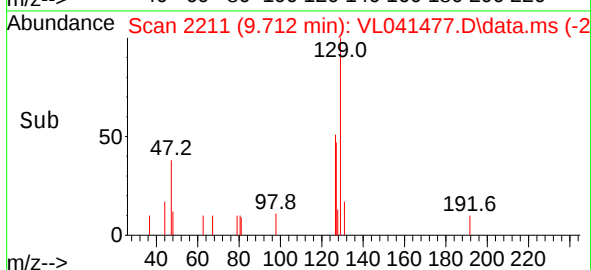
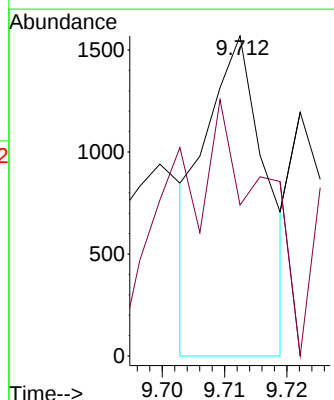
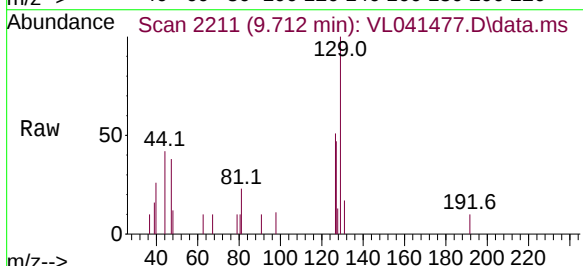
Acq: 1 Aug 2024 14:11

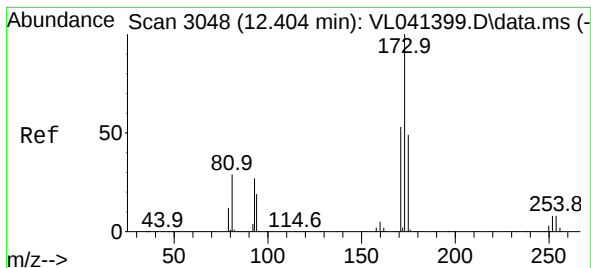
Tgt Ion: 129 Resp: 1072

Ion Ratio Lower Upper

129 100

127 199.7 39.3 117.8#





#49

Bromoform

Concen: 0.007 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041477.D

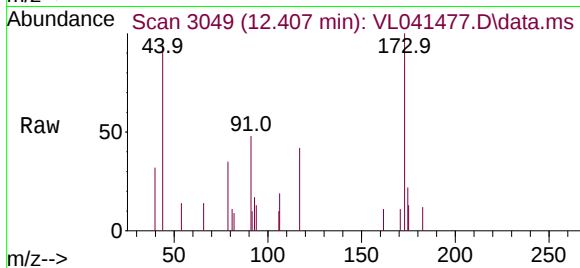
Acq: 1 Aug 2024 14:11

Instrument :

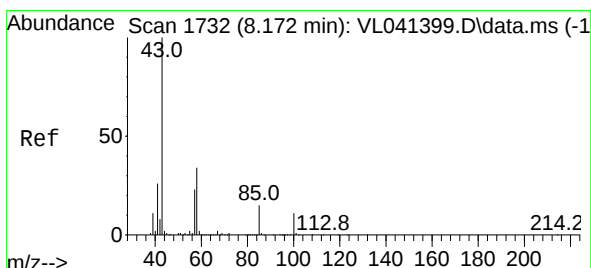
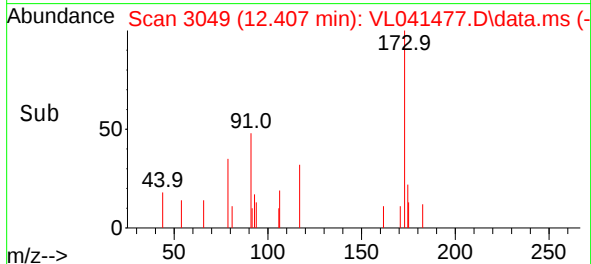
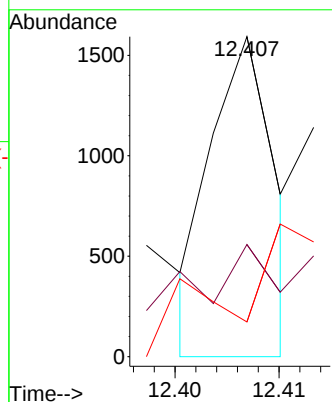
MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:	173	Resp:	677
Ion	Ratio	Lower	Upper
173	100		
175	121.0	39.9	59.9#
171	99.4	41.7	62.5#



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

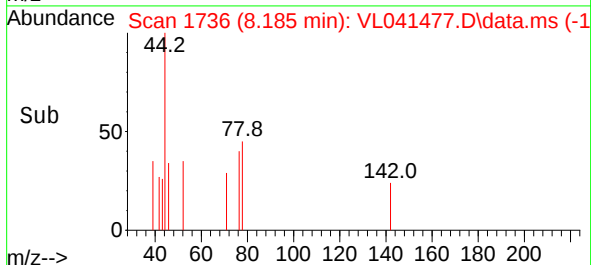
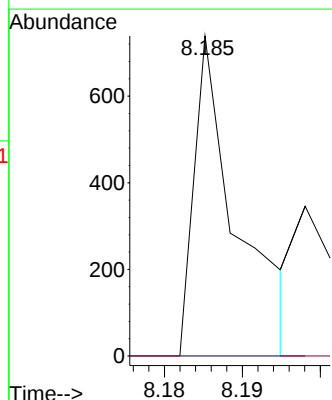
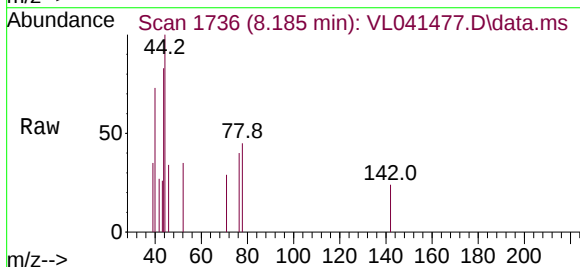
RT: 8.185 min Scan# 1736

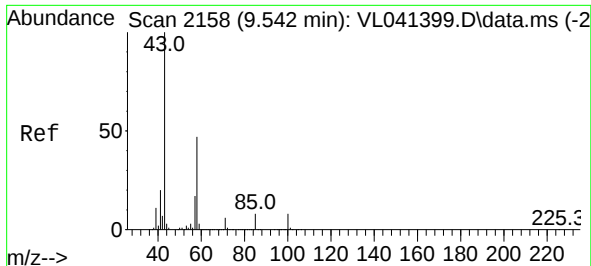
Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Tgt Ion:	43	Resp:	284
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#

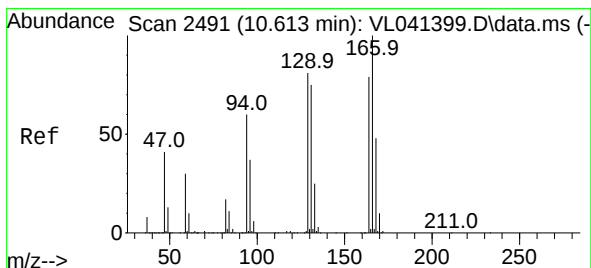
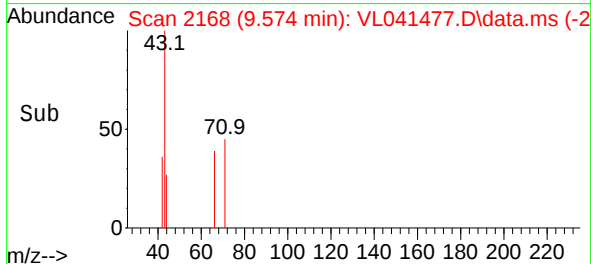
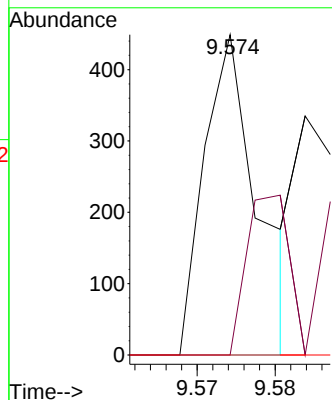
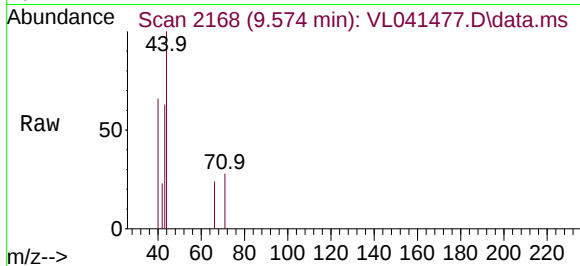




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 9.574 min Scan# 2158
Delta R.T. 0.029 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

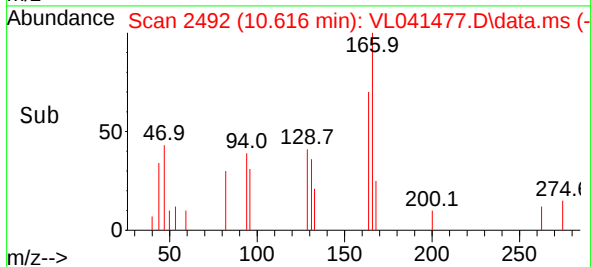
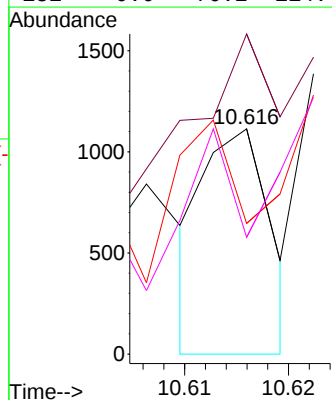
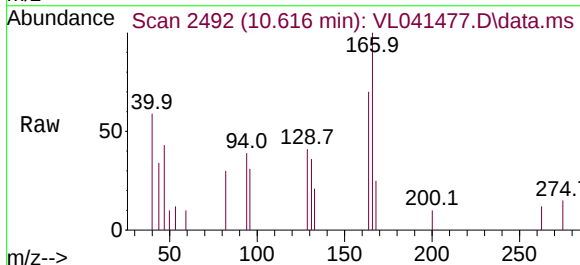
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

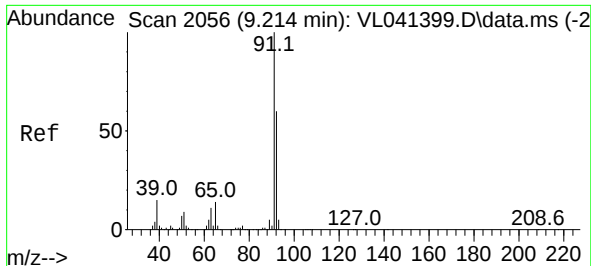
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.007 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion: 164 Resp: 497
Ion Ratio Lower Upper
164 100
166 65.5 101.1 151.7#
129 0.0 81.7 122.5#
131 0.0 76.2 114.4#





#53

Toluene

Concen: 0.005 ppbv

RT: 9.214 min Scan# 2056

Delta R.T. -0.007 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

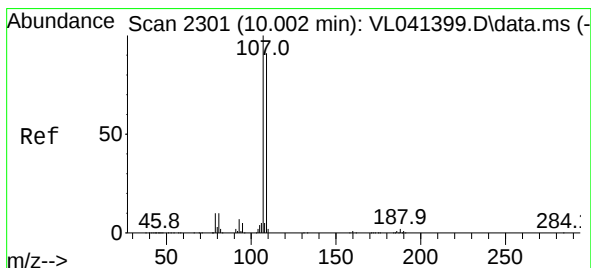
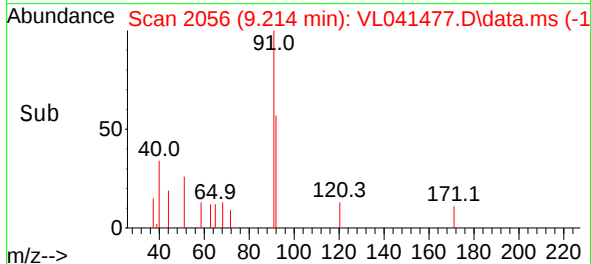
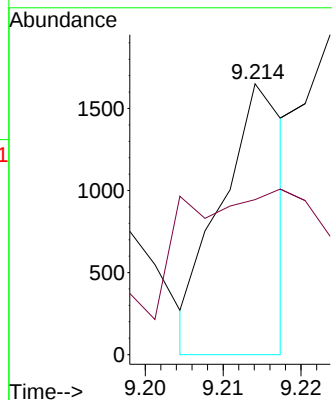
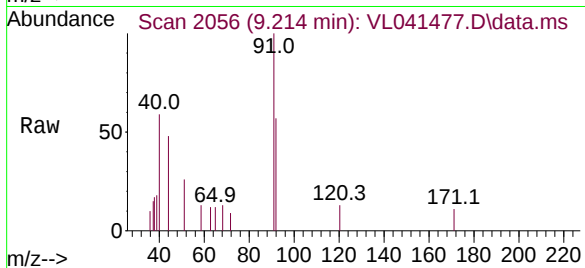
MDL-AIR-03-QT3-2024

Tgt Ion: 91 Resp: 936

Ion Ratio Lower Upper

91 100

92 0.0 48.7 73.1#



#54

1,2-Dibromoethane

Concen: 0.009 ppbv

RT: 10.024 min Scan# 2308

Delta R.T. 0.016 min

Lab File: VL041477.D

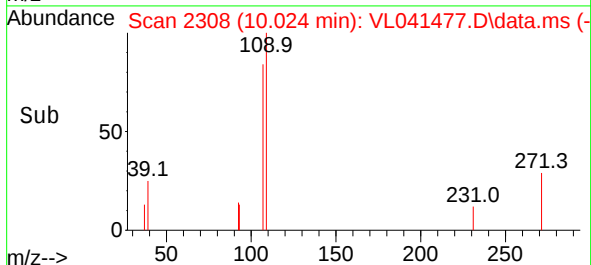
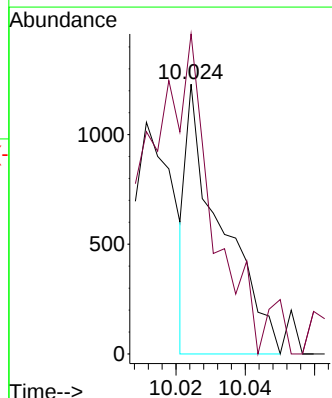
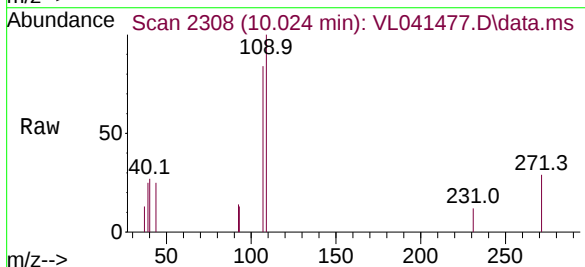
Acq: 1 Aug 2024 14:11

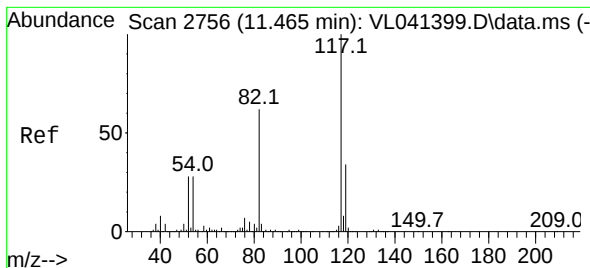
Tgt Ion:107 Resp: 856

Ion Ratio Lower Upper

107 100

109 98.5 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

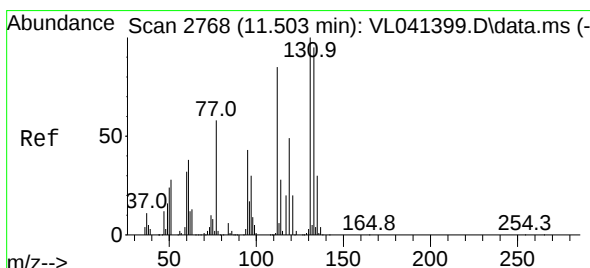
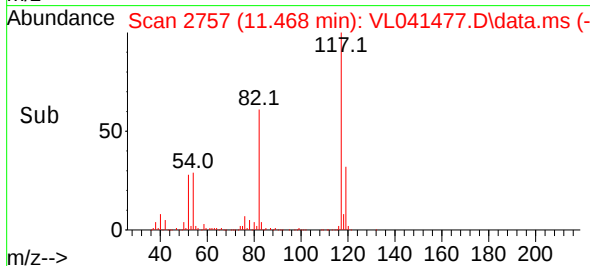
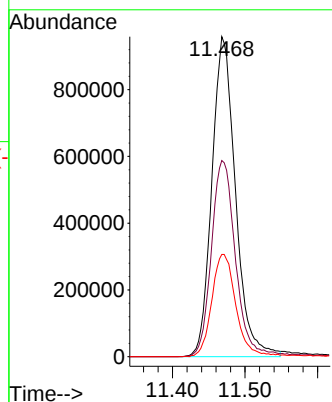
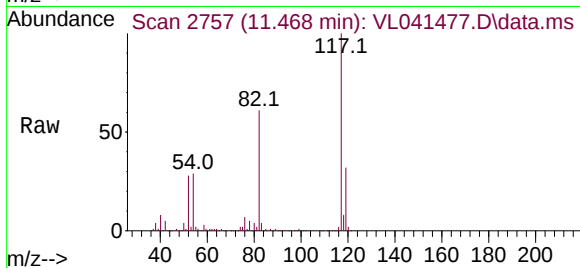
Tgt Ion:117 Resp: 2166581

Ion Ratio Lower Upper

117 100

82 64.3 51.0 76.6

119 33.3 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 0.010 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

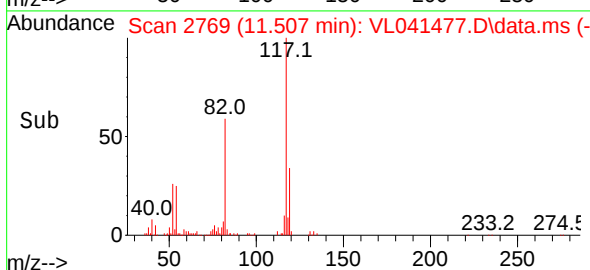
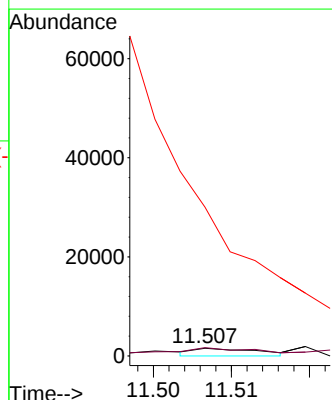
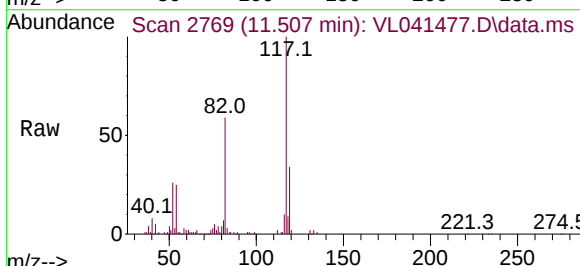
Tgt Ion:131 Resp: 871

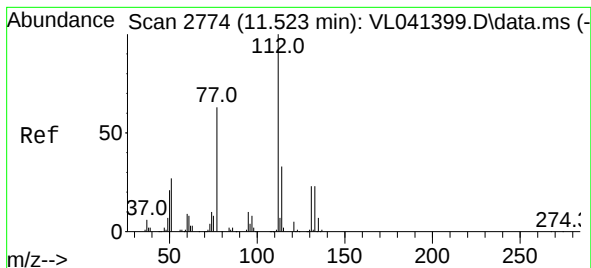
Ion Ratio Lower Upper

131 100

133 301.6 77.0 115.4#

119 0.0 121.5 182.3#





#57

Chlorobenzene

Concen: 0.017 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

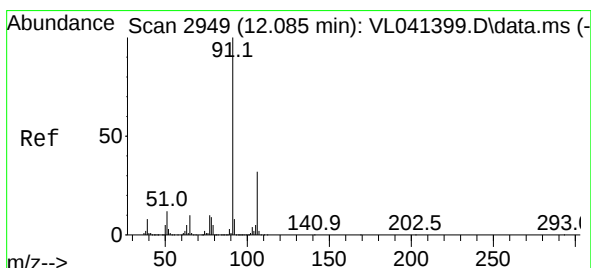
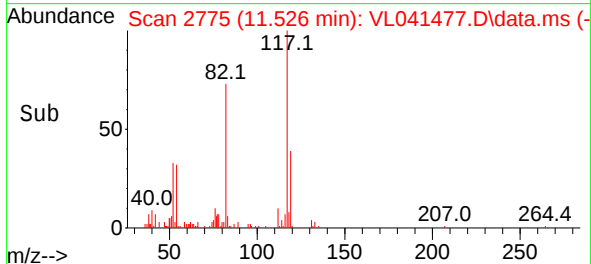
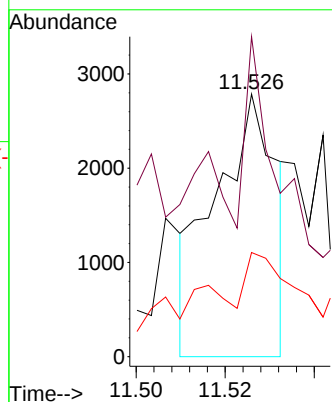
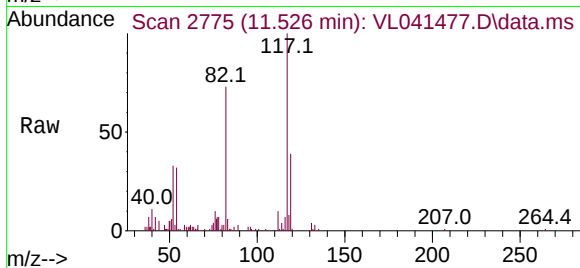
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion:112	Resp:	2650
Ion Ratio	Lower	Upper
112	100	
77	109.3	51.1 76.7#
114	32.2	29.5 36.1



#58

Ethyl Benzene

Concen: 0.002 ppbv

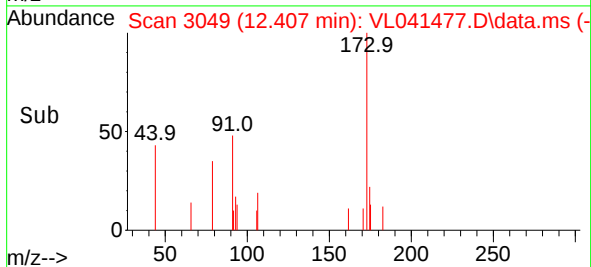
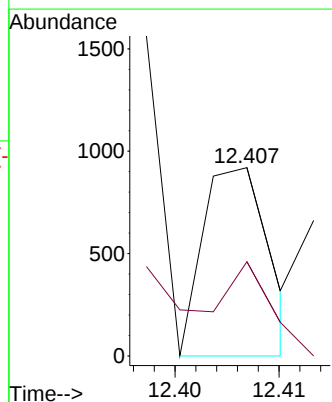
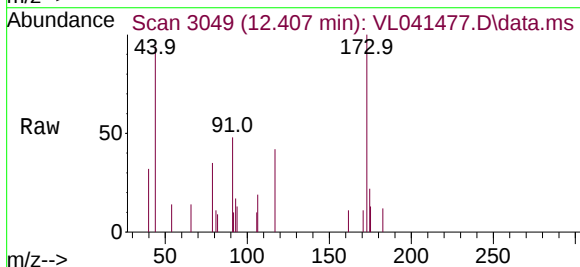
RT: 12.407 min Scan# 3049

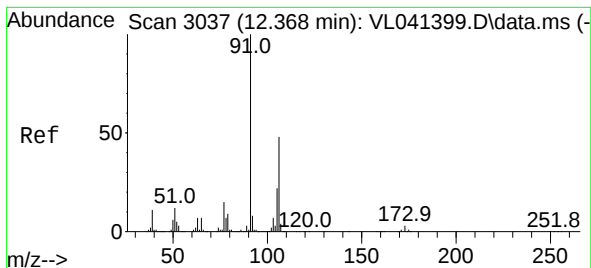
Delta R.T. 0.321 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Tgt Ion: 91	Resp:	408
Ion Ratio	Lower	Upper
91	100	
106	32.1	25.8 38.8





#59

m/p-Xylene

Concen: 0.016 ppbv

RT: 12.375 min Scan# 3039

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

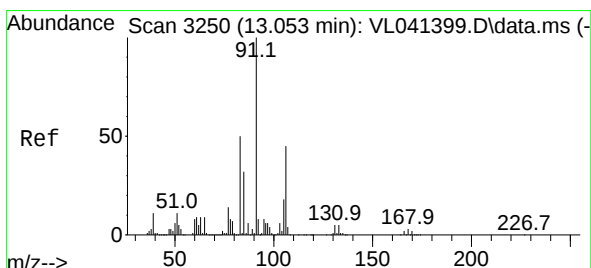
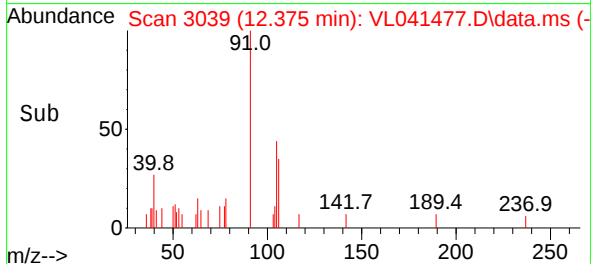
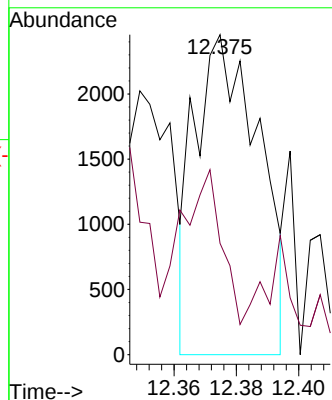
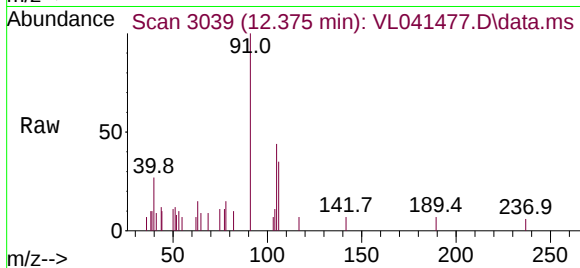
MDL-AIR-03-QT3-2024

Tgt Ion: 91 Resp: 3497

Ion Ratio Lower Upper

91 100

106 0.0 36.3 54.5#



#60

o-Xylene

Concen: 0.004 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VL041477.D

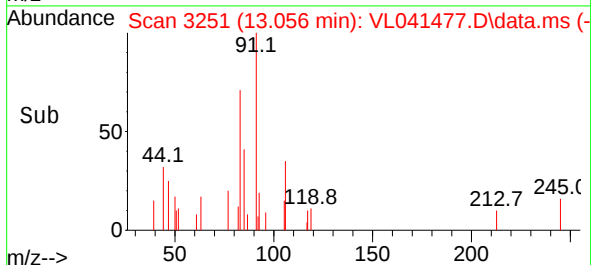
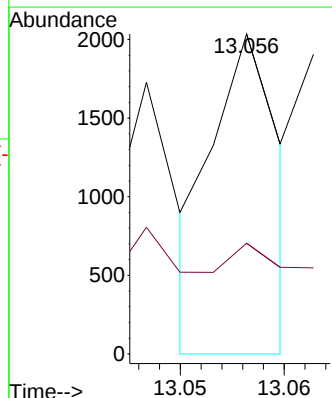
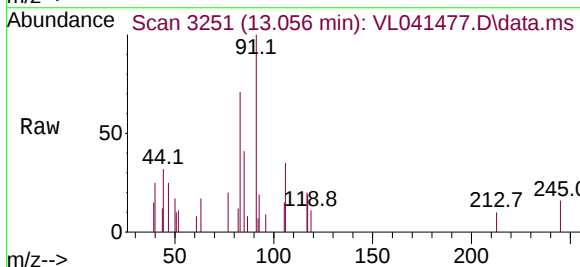
Acq: 1 Aug 2024 14:11

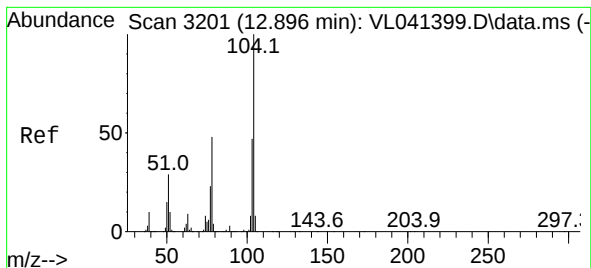
Tgt Ion: 91 Resp: 906

Ion Ratio Lower Upper

91 100

106 0.0 23.1 69.3#





#61

Styrene

Concen: 0.006 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

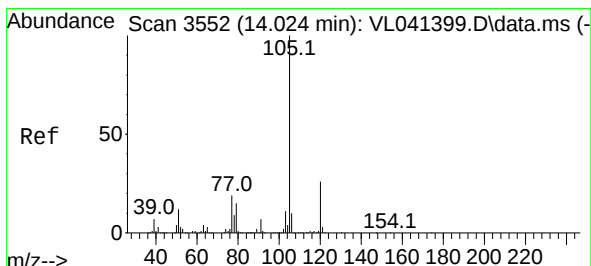
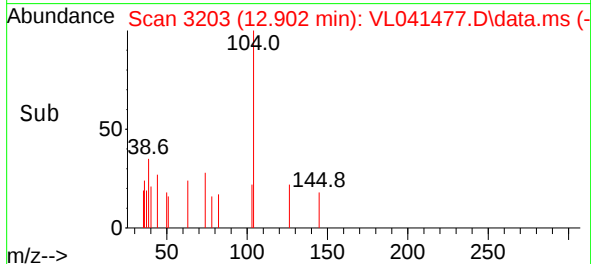
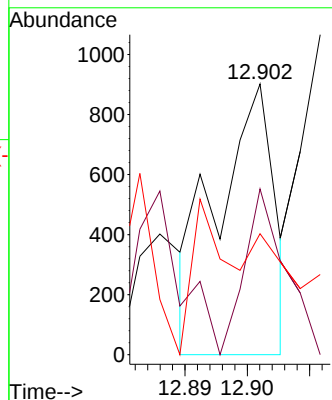
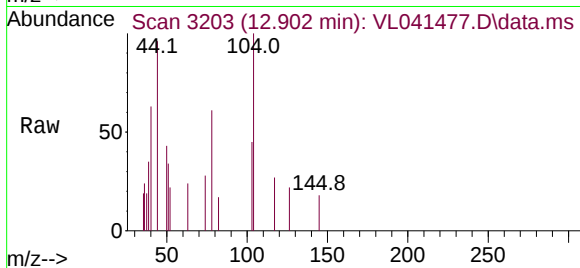
Tgt Ion:104 Resp: 577

Ion Ratio Lower Upper

104 100

78 114.6 40.8 61.2#

103 0.0 38.2 57.4#



#62

Isopropylbenzene

Concen: 0.006 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. 0.006 min

Lab File: VL041477.D

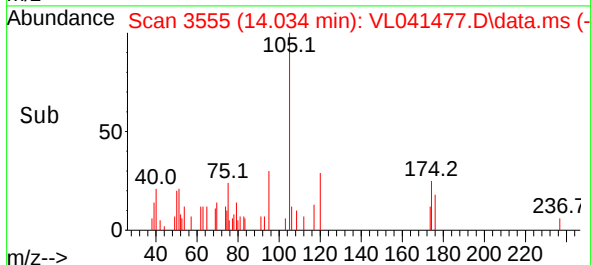
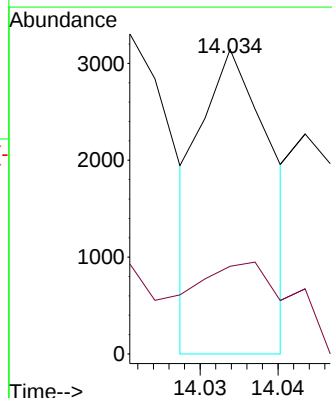
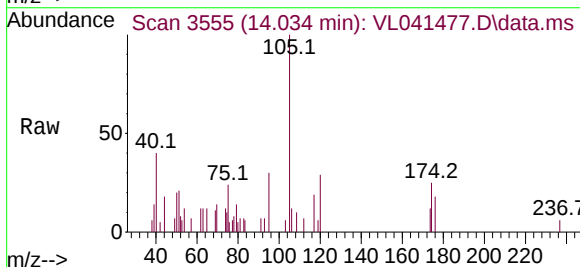
Acq: 1 Aug 2024 14:11

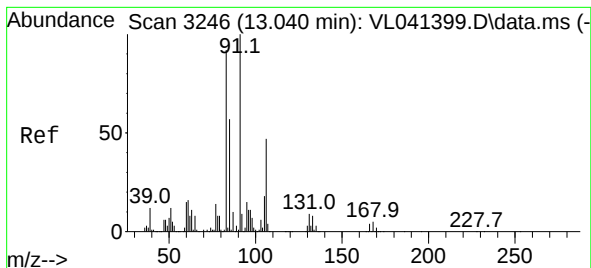
Tgt Ion:105 Resp: 1942

Ion Ratio Lower Upper

105 100

120 92.9 21.0 31.4#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.011 ppbv

RT: 13.047 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

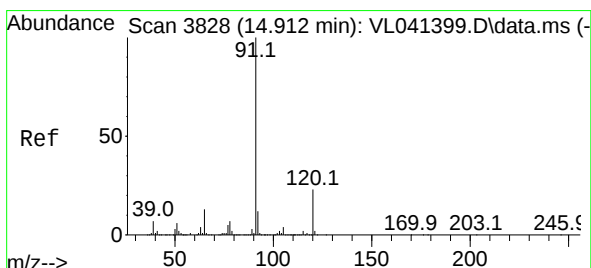
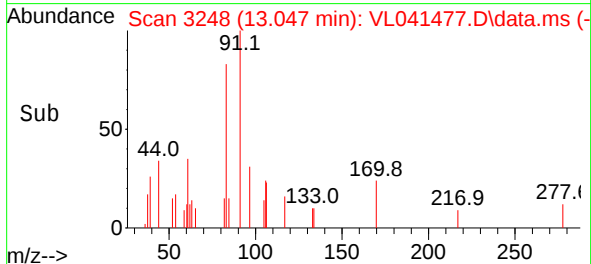
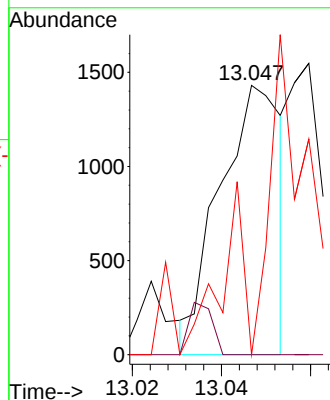
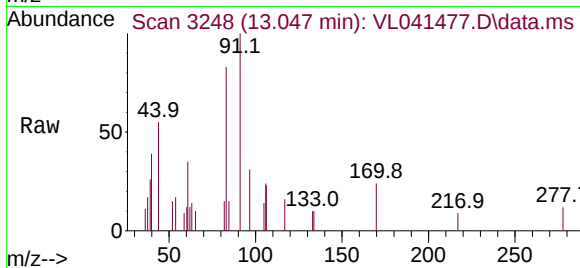
Tgt Ion: 83 Resp: 1361

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.6 98.0#



#64

n-propylbenzene

Concen: 0.007 ppbv

RT: 14.918 min Scan# 3830

Delta R.T. 0.006 min

Lab File: VL041477.D

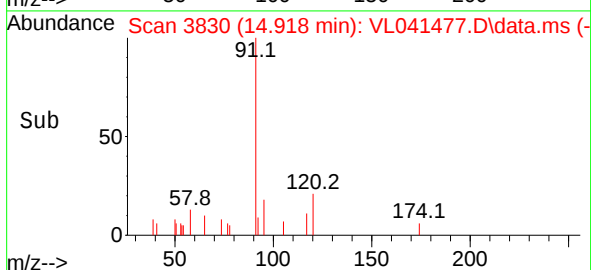
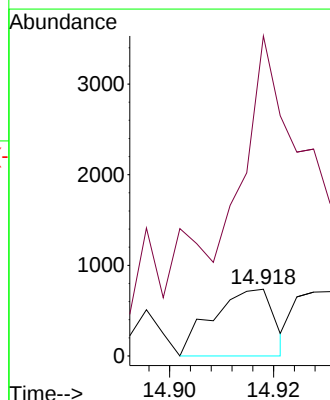
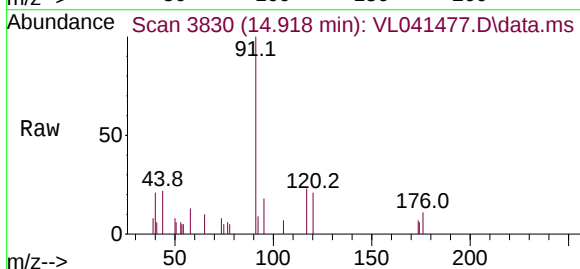
Acq: 1 Aug 2024 14:11

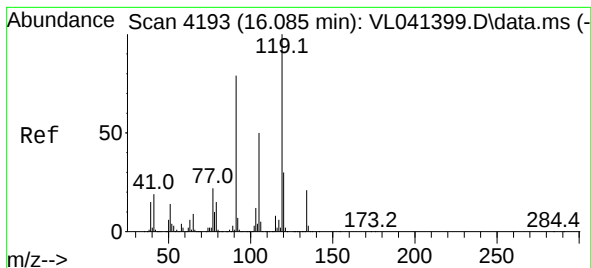
Tgt Ion:120 Resp: 600

Ion Ratio Lower Upper

120 100

91 1235.7 361.4 542.0#





#65

tert-Butylbenzene

Concen: 0.005 ppbv

RT: 16.092 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

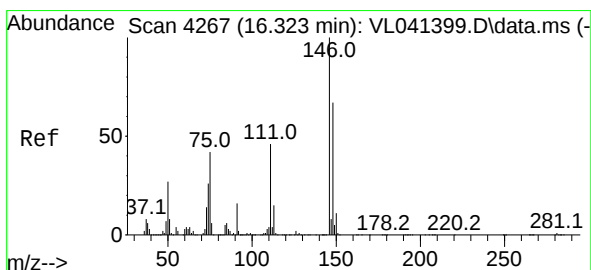
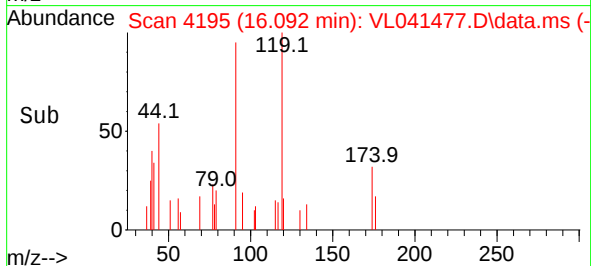
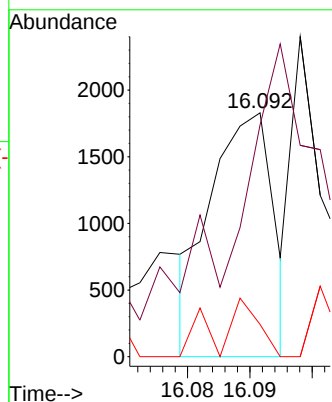
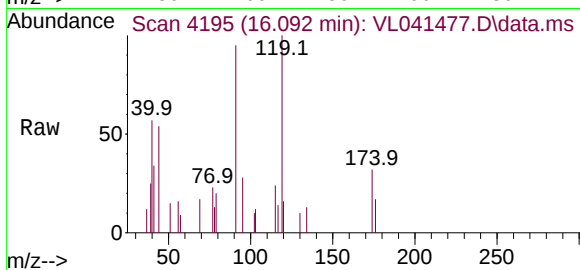
Tgt Ion:119 Resp: 1283

Ion Ratio Lower Upper

119 100

91 0.0 64.2 96.2#

134 0.0 15.7 23.5#



#66

Benzyl Chloride

Concen: 0.002 ppbv

RT: 16.352 min Scan# 4276

Delta R.T. 0.026 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

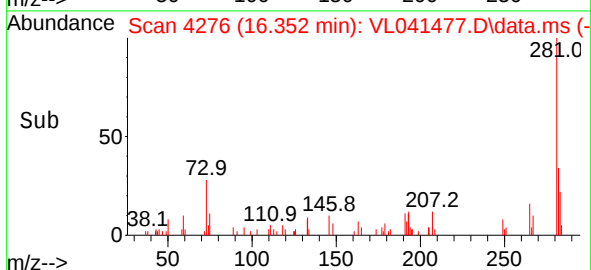
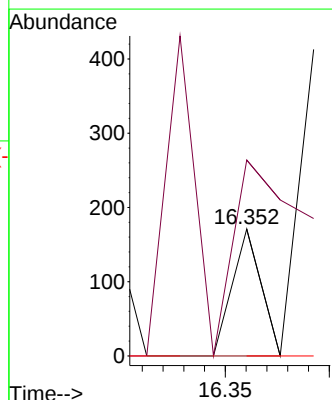
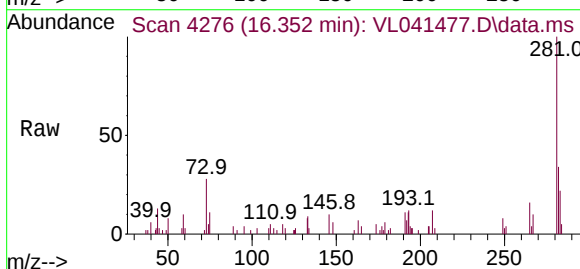
Tgt Ion: 91 Resp: 33

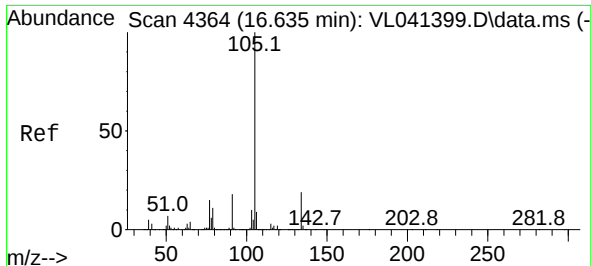
Ion Ratio Lower Upper

91 100

126 0.0 13.8 20.8#

128 212.1 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.008 ppbv

RT: 16.638 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

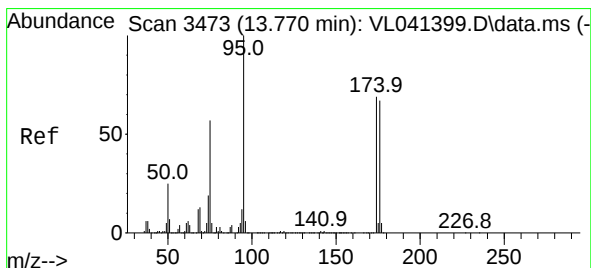
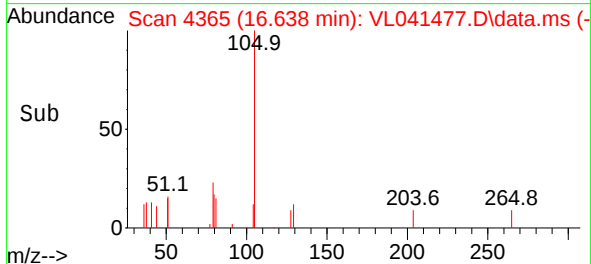
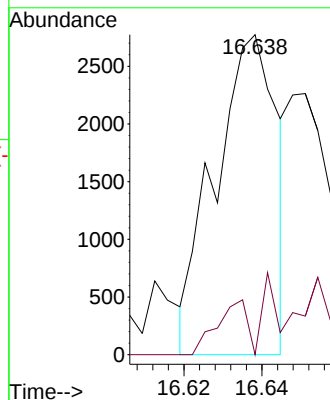
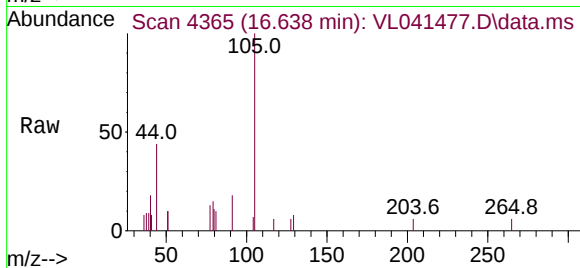
MDL-AIR-03-QT3-2024

Tgt Ion:105 Resp: 3044

Ion Ratio Lower Upper

105 100

134 0.0 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.921 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

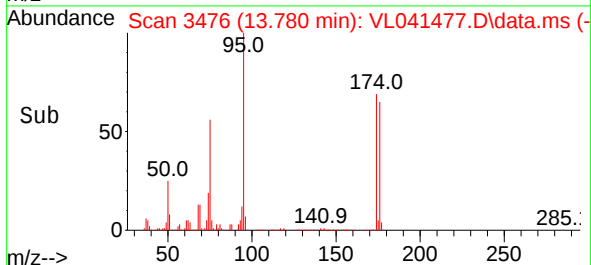
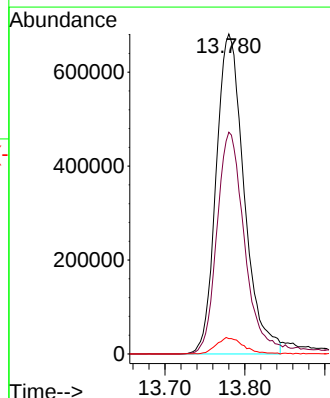
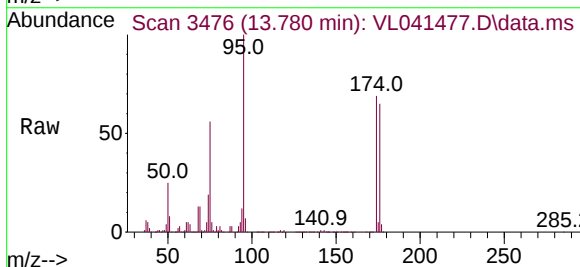
Tgt Ion: 95 Resp: 1654207

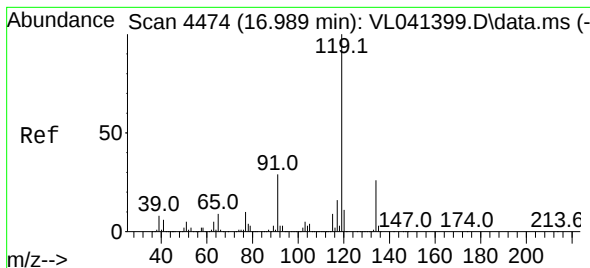
Ion Ratio Lower Upper

95 100

174 72.1 56.3 84.5

175 5.2 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.006 ppbv

RT: 16.998 min Scan# 4474

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

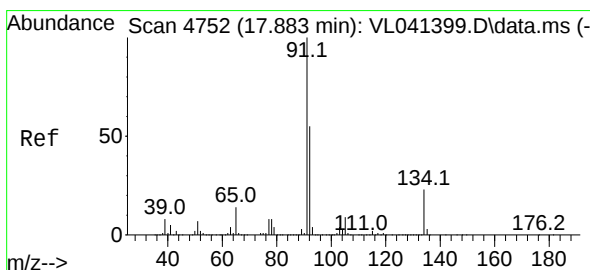
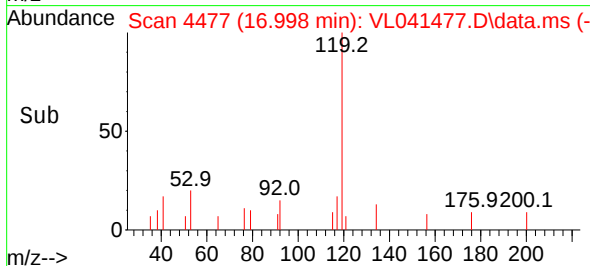
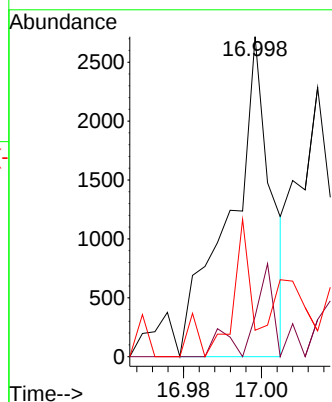
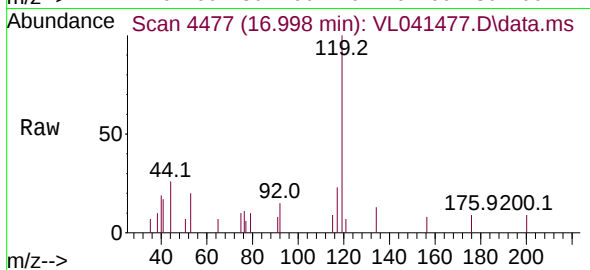
Tgt Ion:119 Resp: 1985

Ion Ratio Lower Upper

119 100

134 48.7 20.5 30.7#

91 67.1 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.003 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

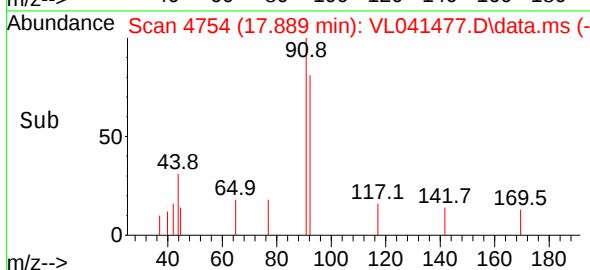
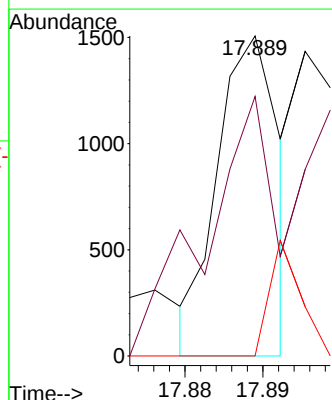
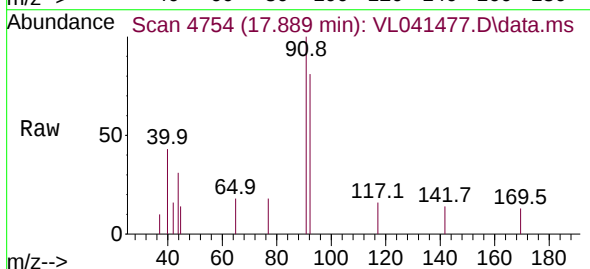
Tgt Ion: 91 Resp: 829

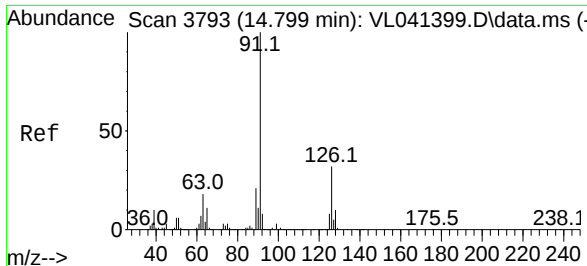
Ion Ratio Lower Upper

91 100

92 0.0 43.2 64.8#

134 0.0 18.5 27.7#

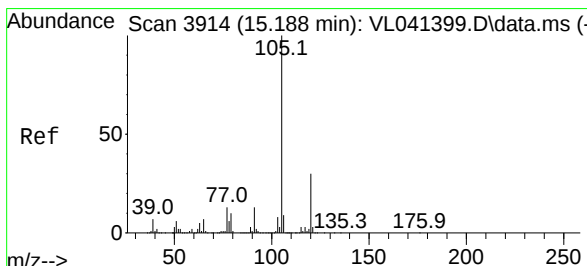
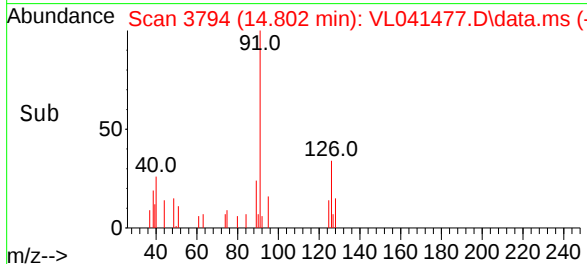
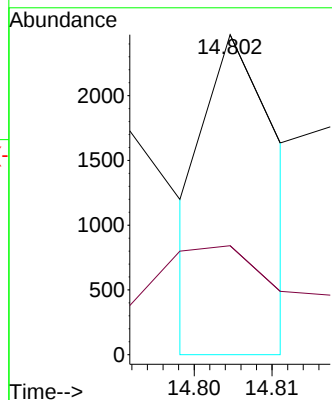
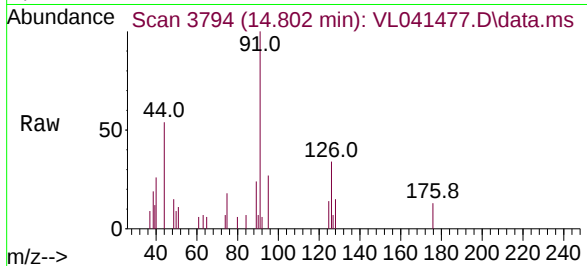




#71
2-Chlorotoluene
Concen: 0.003 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

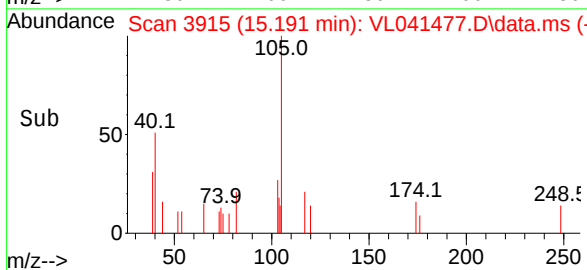
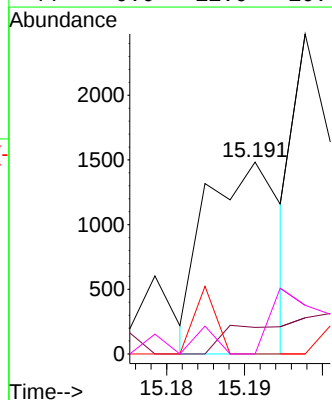
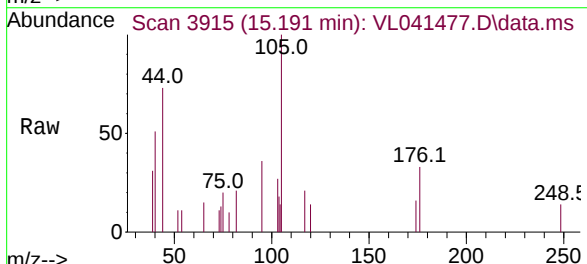
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

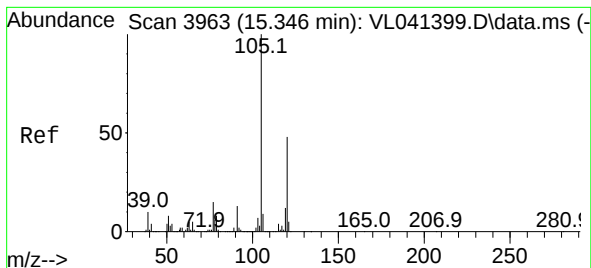
Tgt Ion: 91 Resp: 792
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.004 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.000 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion:105 Resp: 994
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 0.0 10.4 15.6#
77 0.0 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.007 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

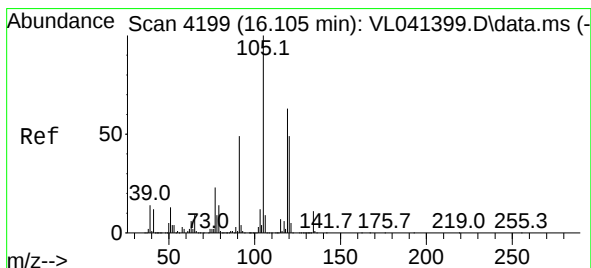
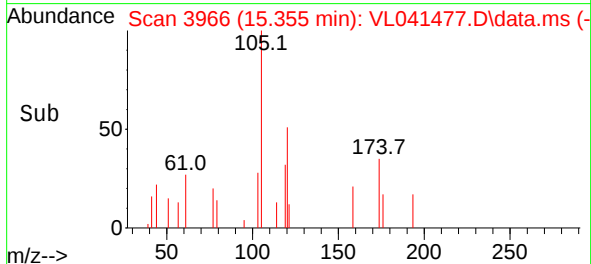
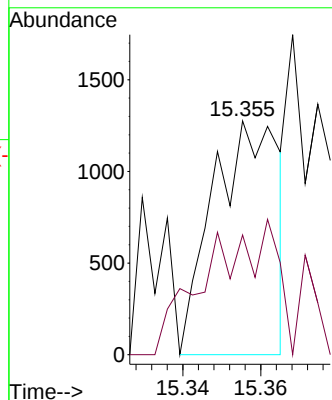
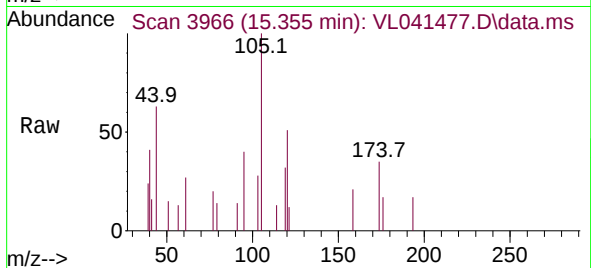
MDL-AIR-03-QT3-2024

Tgt Ion:105 Resp: 1488

Ion Ratio Lower Upper

105 100

120 22.9 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.002 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. -0.000 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Tgt Ion:105 Resp: 483

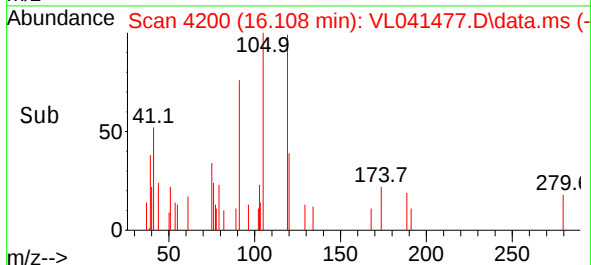
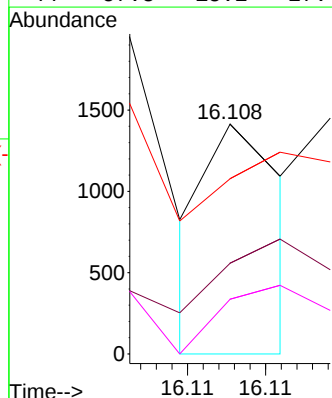
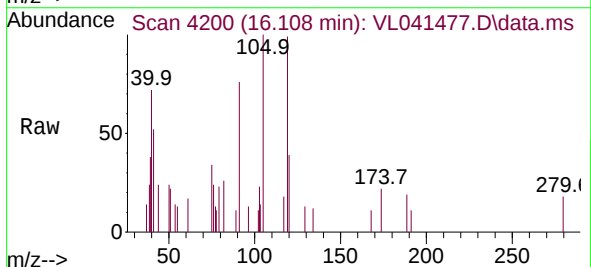
Ion Ratio Lower Upper

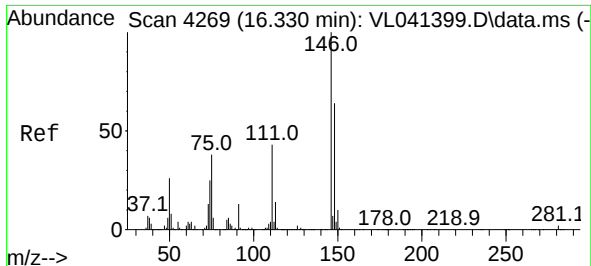
105 100

120 51.9 39.5 59.3

91 44.2 39.8 59.8

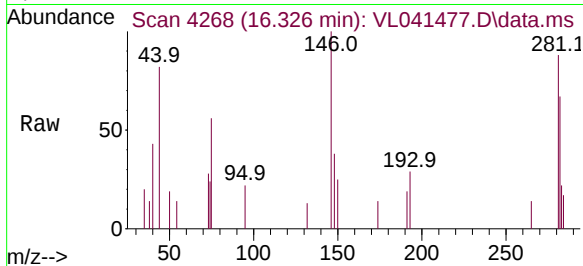
77 57.3 18.2 27.4#



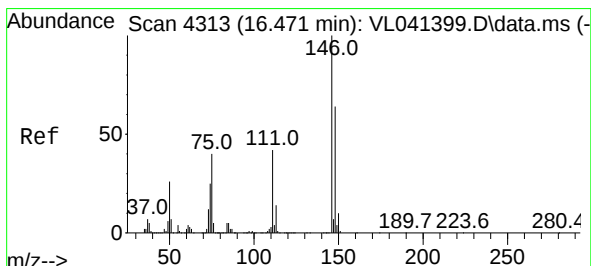
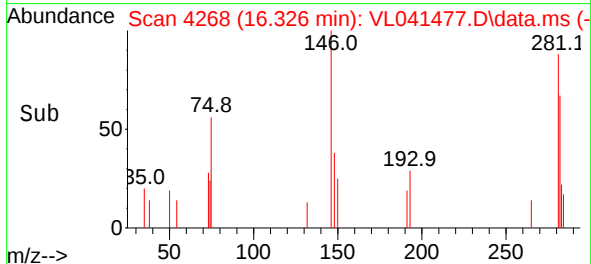
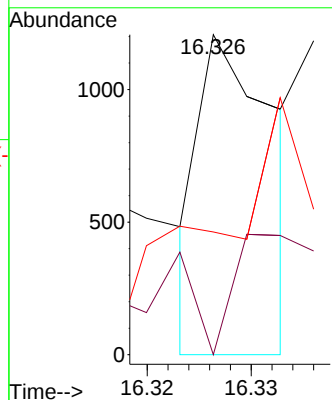


#75
1,3-Dichlorobenzene
Concen: 0.004 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.000 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

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

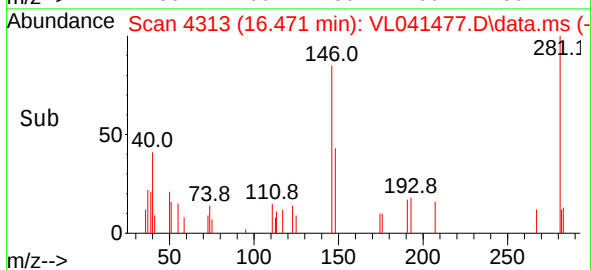
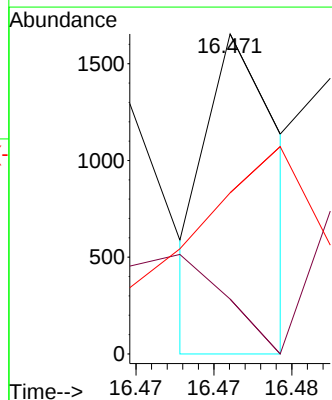
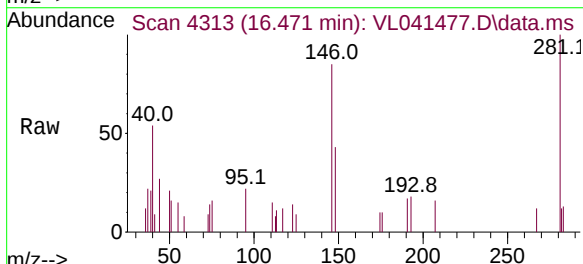


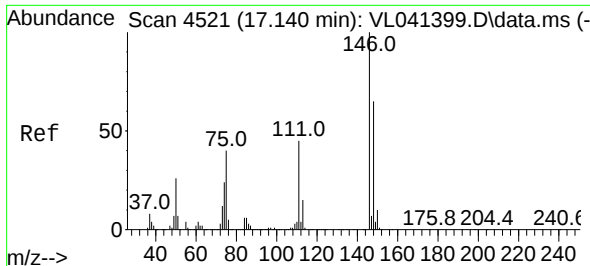
Tgt Ion:146 Resp: 600
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.8#
148 0.0 32.3 96.8#



#76
1,4-Dichlorobenzene
Concen: 0.004 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.000 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion:146 Resp: 538
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 0.0 33.1 99.5#

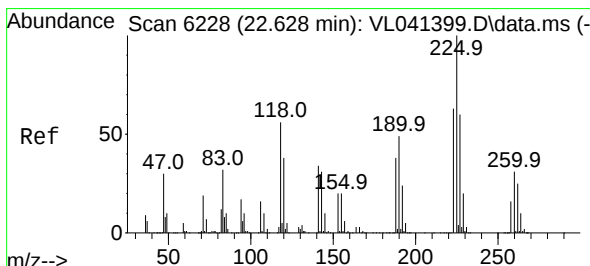
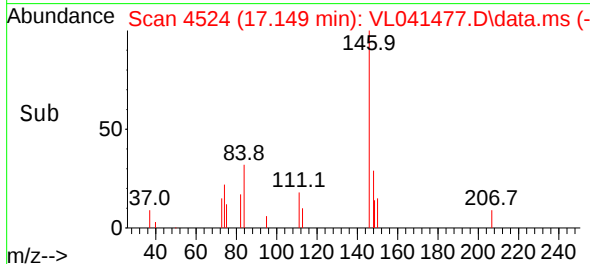
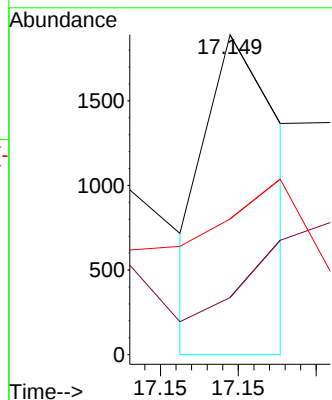
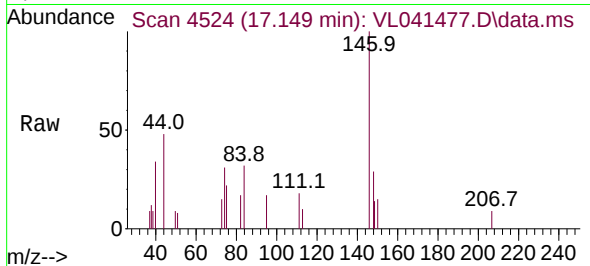




#77
1,2-Dichlorobenzene
Concen: 0.004 ppbv
RT: 17.149 min Scan# 4521
Delta R.T. 0.010 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

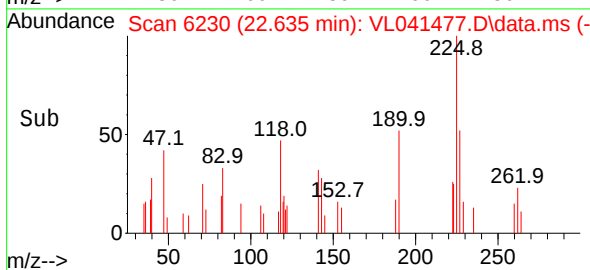
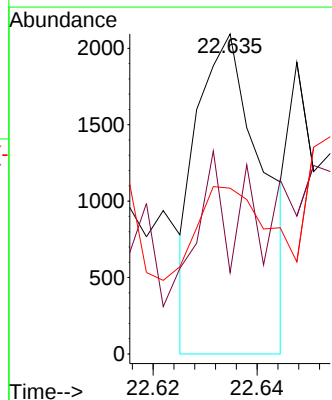
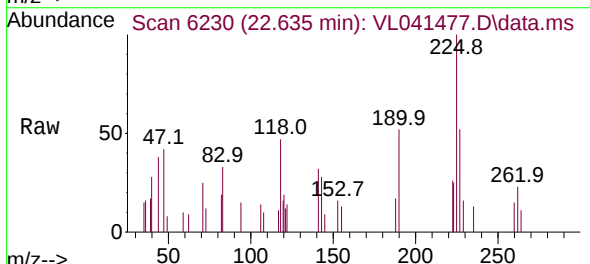
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

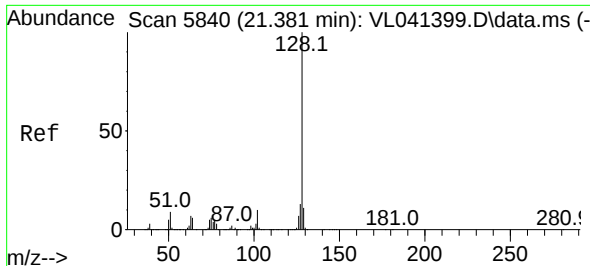
Tgt Ion:146 Resp: 629
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0#
148 0.0 32.2 96.6#



#78
Hexachloro-1,3-Butadiene
Concen: 0.014 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.006 min
Lab File: VL041477.D
Acq: 1 Aug 2024 14:11

Tgt Ion:225 Resp: 1807
Ion Ratio Lower Upper
225 100
223 192.9 50.6 76.0#
227 0.0 50.8 76.2#





#79

Naphthalene

Concen: 0.003 ppbv

RT: 21.394 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

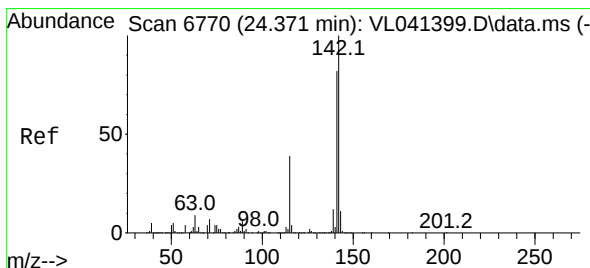
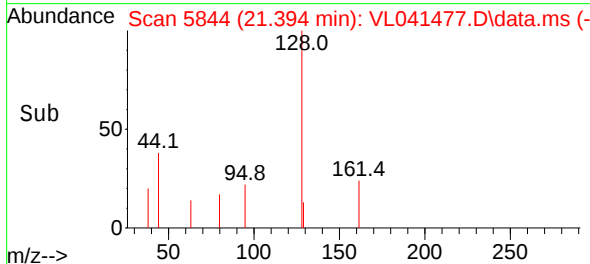
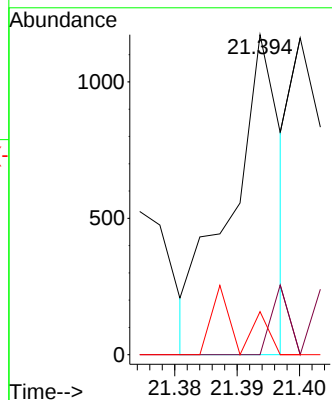
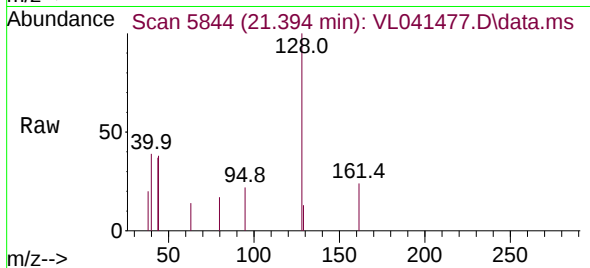
Tgt Ion:128 Resp: 659

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 16.4 9.0 13.4#



#80

Naphthalene,2-methyl-

Concen: 0.002 ppbv

RT: 24.493 min Scan# 6808

Delta R.T. 0.125 min

Lab File: VL041477.D

Acq: 1 Aug 2024 14:11

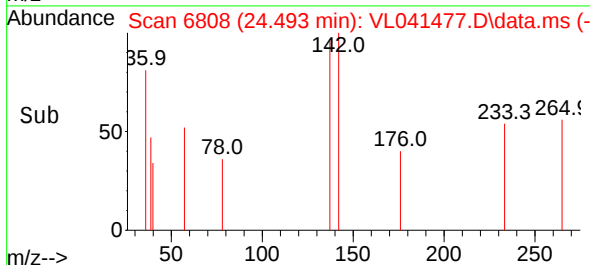
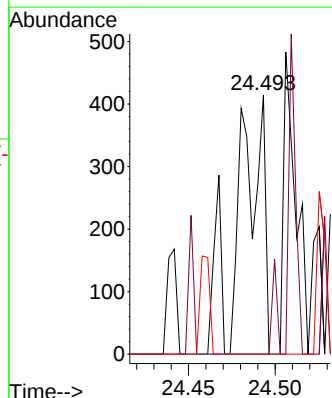
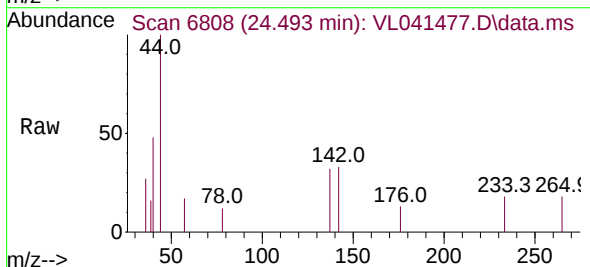
Tgt Ion:142 Resp: 424

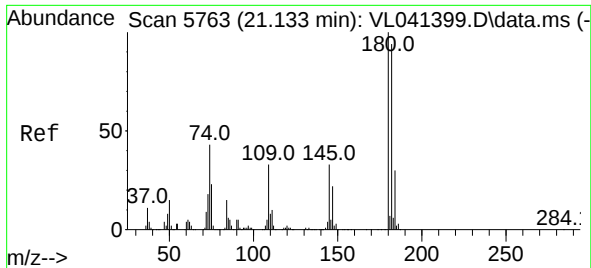
Ion Ratio Lower Upper

142 100

141 0.0 67.0 100.4#

115 0.0 32.2 48.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.005 ppbv

RT: 21.153 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL041477.D

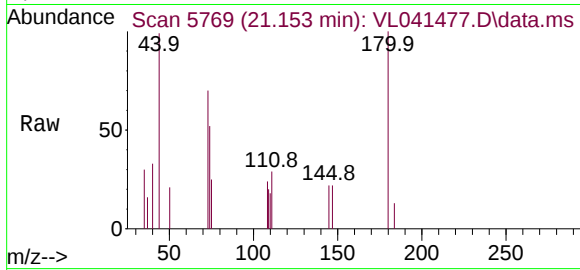
Acq: 1 Aug 2024 14:11

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:180 Resp: 671

Ion Ratio Lower Upper

180 100

182 326.8 76.7 115.1#

184 47.7 24.5 36.7#

