

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041242.D
 Acq On : 8 May 2024 13:51
 Operator : SY/MD
 Sample : P2403-13 LOD 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

Quant Time: May 09 05:12:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	813227	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2157991	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.490	117	1941224	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.799	95	1482646	10.117	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.880	85	1688	0.015	ppbv	99
3) Chlorodifluoromethane	2.693	51	5555	0.045	ppbv	99
4) Chloromethane	2.832	50	1686	0.035	ppbv #	22
5) Vinyl Chloride	2.941	62	1056	0.022	ppbv #	67
6) Bromomethane	3.140	94	608	0.034	ppbv #	37
7) Chloroethane	3.217	64	436	0.025	ppbv #	1
8) Dichlorotetrafluoroethane	2.873	85	2034	0.018	ppbv #	18
9) Propene	2.716	41	3109	0.064	ppbv #	46
10) Heptane	7.600	43	2255	0.019	ppbv #	29
11) Trichlorofluoromethane	3.584	101	3529	0.032	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.063	101	81	0.001	ppbv	84
13) Ethanol	3.263	45	35	0.003	ppbv #	38
14) Bromoethene	3.388	108	1077	0.032	ppbv #	75
15) Acetone	3.517	43	14298	0.149	ppbv #	77
16) 1,3-Butadiene	3.009	39	1010	0.021	ppbv #	10
17) tert-Butyl alcohol	3.906	59	302	0.003	ppbv #	72
18) 1,1-Dichloroethene	3.902	96	1087	0.029	ppbv #	58
19) Isopropyl Alcohol	3.600	45	36	0.001	ppbv #	41
20) Methylene Chloride	3.954	84	6069	0.182	ppbv	94
21) Allyl Chloride	4.021	41	632	0.010	ppbv #	19
22) trans-1,2-Dichloroethene	4.462	96	307	0.008	ppbv #	53
23) Vinyl Acetate	4.645	43	285	0.003	ppbv #	1
24) 1,1-Dichloroethane	4.587	63	2111	0.026	ppbv #	92
25) Ethyl Acetate	5.230	43	1441	0.008	ppbv #	75
26) Hexane	5.230	57	2245	0.026	ppbv #	1
27) Carbon Disulfide	4.150	76	3719	0.037	ppbv #	5
28) Methyl tert-Butyl Ether	4.610	73	325	0.005	ppbv #	52
29) Chloroform	5.314	83	610	0.005	ppbv	93
30) Cyclohexane	6.622	84	626	0.009	ppbv #	1
31) cis-1,2-Dichloroethene	5.095	61	906	0.011	ppbv #	78
32) 1,1,1-Trichloroethane	6.028	97	2116	0.018	ppbv #	12
34) 2-Butanone	4.812	43	206	0.002	ppbv #	54
35) Carbon Tetrachloride	6.513	117	2618	0.022	ppbv #	89
36) Benzene	6.381	78	1236	0.007	ppbv	95
37) 1,2-Dichloroethane	5.832	62	1895	0.020	ppbv #	82
38) Trichloroethene	7.320	130	335	0.005	ppbv #	44
39) 1,2-Dichloropropane	6.677	63	536141	7.682	ppbv #	25
40) 1,4-Dioxane	7.320	88	236	0.009	ppbv #	1
41) Tetrahydrofuran	5.571	42	41	0.001	ppbv #	1
42) Bromodichloromethane	7.272	83	2290	0.017	ppbv #	61
43) Methyl Methacrylate	7.500	69	600	0.008	ppbv #	1
44) 2,2,4-Trimethylpentane	7.352	57	3951	0.013	ppbv #	1
45) t-1,3-Dichloropropene	8.735	75	449	0.008	ppbv	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
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 Misc : 400mL/MSVOA_L
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Instrument :
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 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

Quant Time: May 09 05:12:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

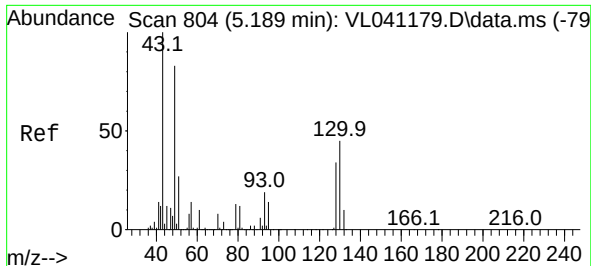
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.169	75	627	0.010	ppbv	#	1
47) 1,1,2-Trichloroethane	8.925	97	1181	0.017	ppbv	#	17
48) Dibromochloromethane	9.741	129	900	0.008	ppbv	#	10
49) Bromoform	12.436	173	1005	0.011	ppbv	#	16
50) 4-Methyl-2-Pentanone	8.208	43	64	0.000	ppbv	#	40
51) 2-Hexanone	9.593	43	62	0.000	ppbv	#	29
52) Tetrachloroethene	10.648	164	1310	0.021	ppbv	#	4
53) Toluene	9.246	91	2971	0.014	ppbv	#	20
54) 1,2-Dibromoethane	10.031	107	674	0.007	ppbv	#	59
56) 1,1,1,2-Tetrachloroethane	11.535	131	1296	0.016	ppbv	#	1
57) Chlorobenzene	11.558	112	2338	0.016	ppbv	#	83
58) Ethyl Benzene	12.127	91	1630	0.006	ppbv		89
59) m/p-Xylene	12.397	91	1797	0.008	ppbv	#	31
60) o-Xylene	13.082	91	2542	0.012	ppbv	#	31
61) Styrene	12.918	104	661	0.006	ppbv	#	27
62) Isopropylbenzene	14.056	105	3254	0.010	ppbv	#	1
63) 1,1,2,2-Tetrachloroethane	13.069	83	1191	0.008	ppbv	#	24
64) n-propylbenzene	14.986	120	99	0.001	ppbv		92
65) tert-Butylbenzene	16.117	119	4134	0.015	ppbv	#	17
66) Benzyl Chloride	16.381	91	105	0.003	ppbv	#	65
67) sec-Butylbenzene	16.654	105	1606	0.004	ppbv	#	60
69) p-Isopropyltoluene	17.014	119	1967	0.006	ppbv	#	47
70) n-Butylbenzene	17.918	91	2691	0.008	ppbv	#	13
71) 2-Chlorotoluene	15.233	91	306	0.001	ppbv		85
72) 4-Ethyltoluene	15.230	105	5314	0.022	ppbv	#	88
73) 1,3,5-Trimethylbenzene	15.378	105	847	0.004	ppbv	#	85
74) 1,2,4-Trimethylbenzene	16.133	105	827	0.004	ppbv	#	20
75) 1,3-Dichlorobenzene	16.358	146	1313	0.010	ppbv	#	23
76) 1,4-Dichlorobenzene	16.497	146	1343	0.010	ppbv	#	1
77) 1,2-Dichlorobenzene	17.162	146	400	0.003	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.657	225	2033	0.017	ppbv	#	18
79) Naphthalene	21.410	128	583	0.003	ppbv	#	68
80) Naphthalene,2-methyl-	24.294	142	38	0.000	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.169	180	449	0.004	ppbv	#	7

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

Instrument :
MSVOA_L

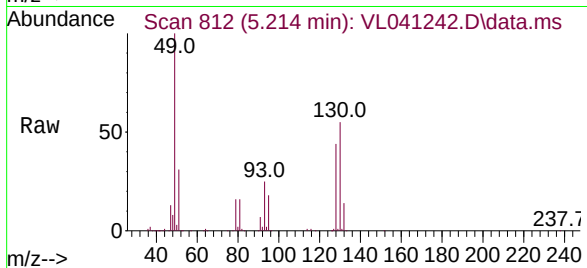
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

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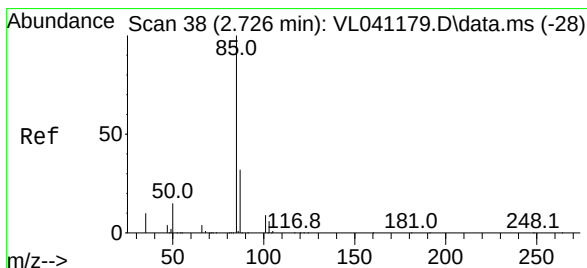
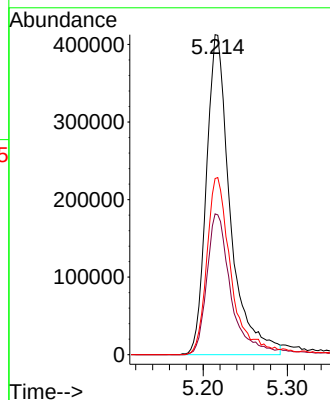
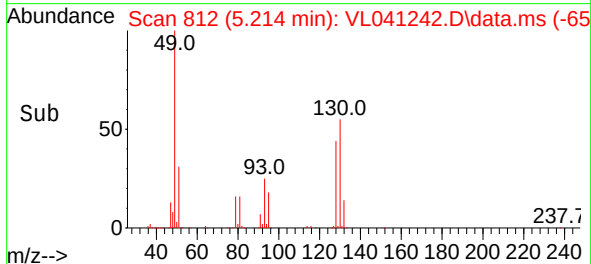


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Instrument :
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ClientSampleId :
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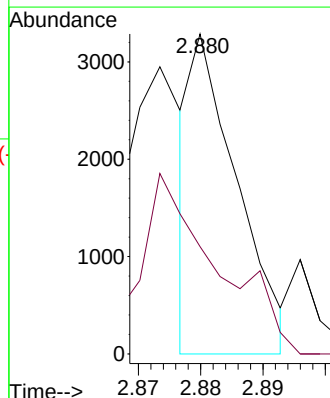
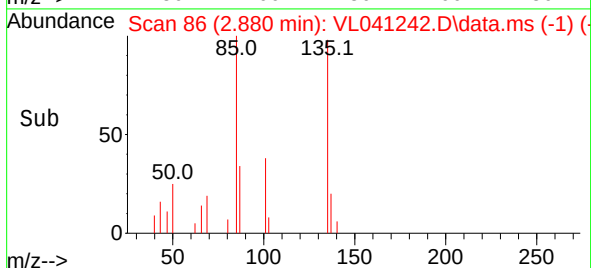
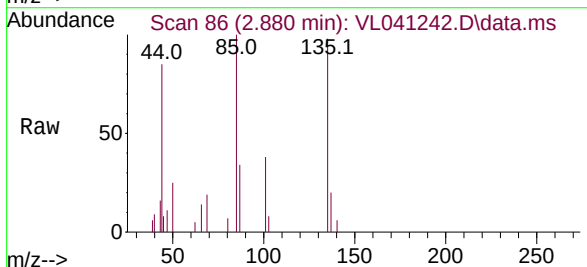


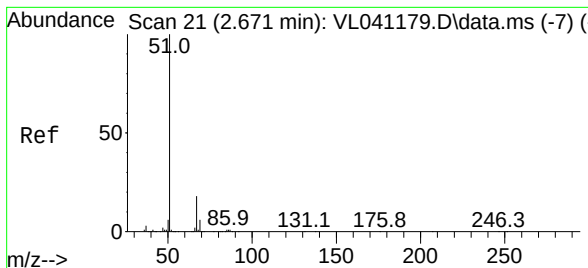
Tgt Ion: 49 Resp: 813227
Ion Ratio Lower Upper
49 100
128 46.2 21.5 64.5
130 58.8 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 0.015 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.135 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion: 85 Resp: 1688
Ion Ratio Lower Upper
85 100
87 31.3 25.7 38.5

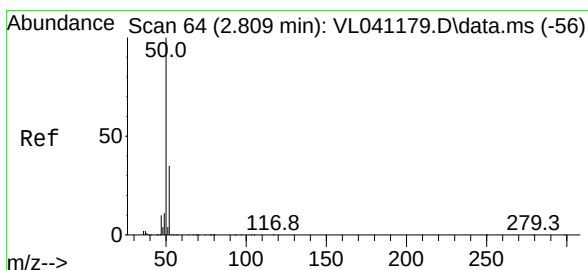
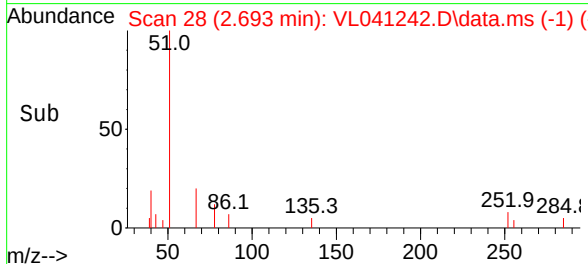
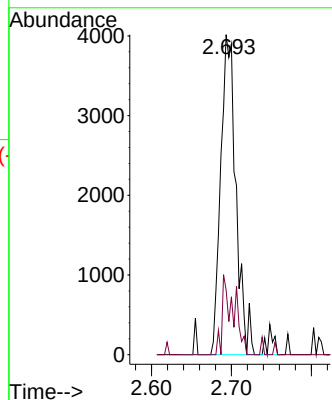
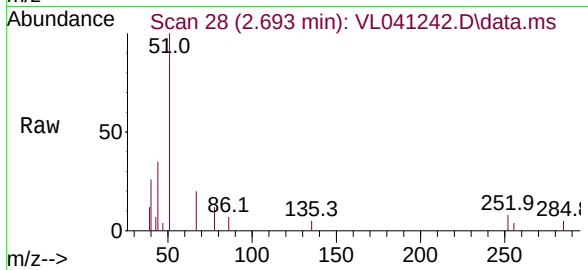




#3
Chlorodifluoromethane
Concen: 0.045 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

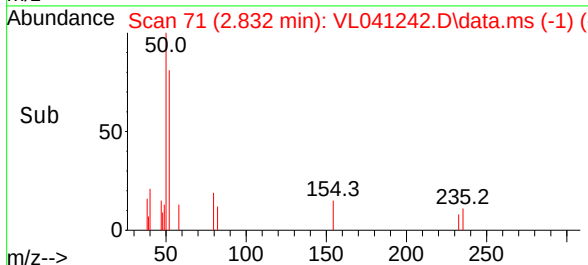
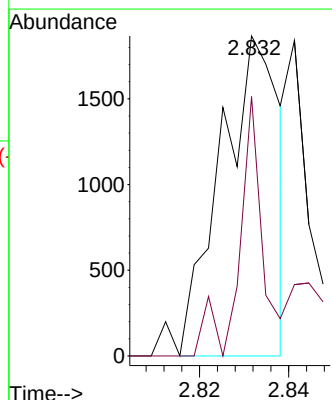
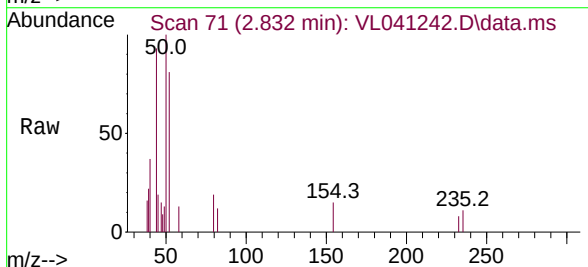
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

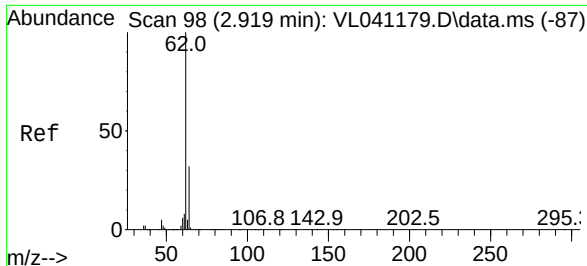
Tgt Ion: 51 Resp: 5555
Ion Ratio Lower Upper
51 100
67 18.1 14.0 21.0



#4
Chloromethane
Concen: 0.035 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion: 50 Resp: 1686
Ion Ratio Lower Upper
50 100
52 81.0 28.3 42.5#

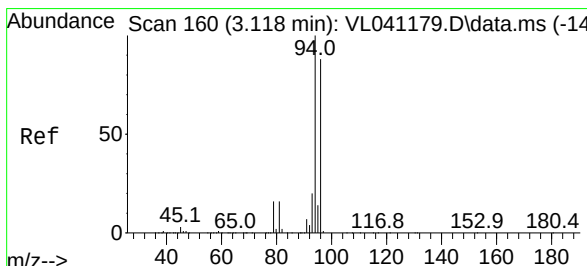
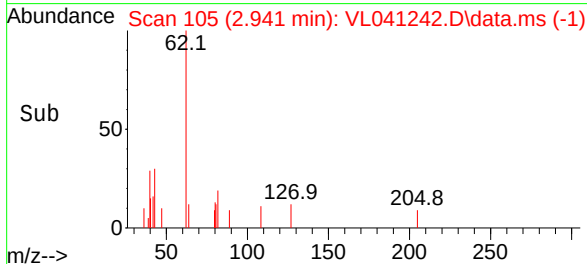
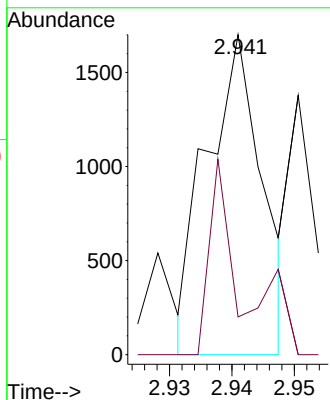
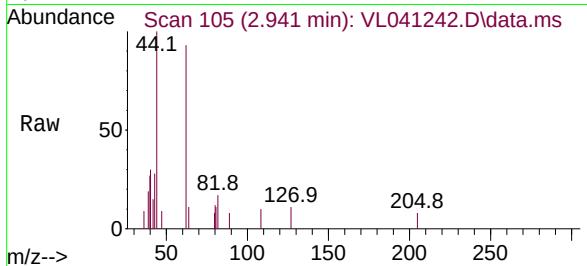




#5
Vinyl Chloride
Concen: 0.022 ppbv
RT: 2.941 min Scan# 105
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

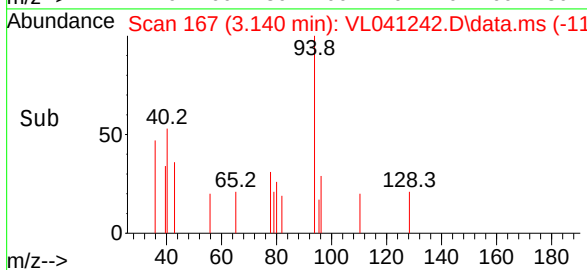
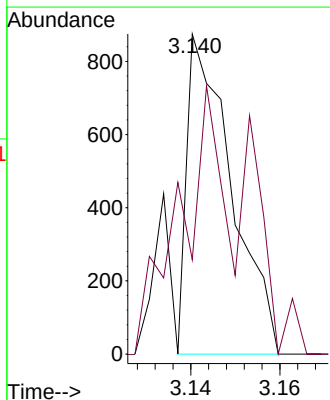
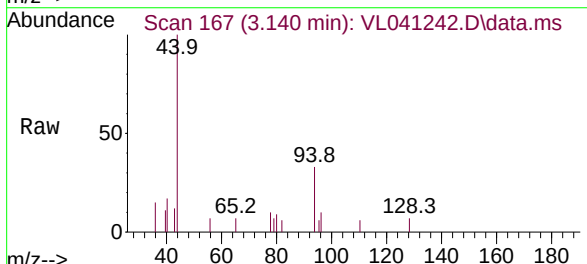
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

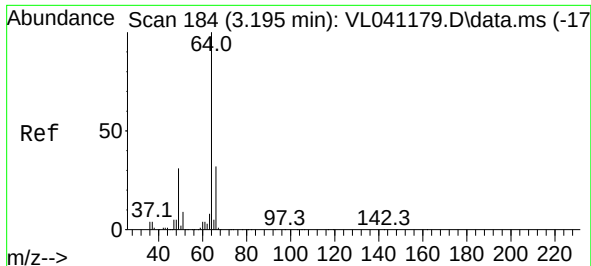
Tgt Ion: 62 Resp: 1056
Ion Ratio Lower Upper
62 100
64 13.5 25.7 38.5#



#6
Bromomethane
Concen: 0.034 ppbv
RT: 3.140 min Scan# 167
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion: 94 Resp: 608
Ion Ratio Lower Upper
94 100
96 29.5 70.1 105.1#

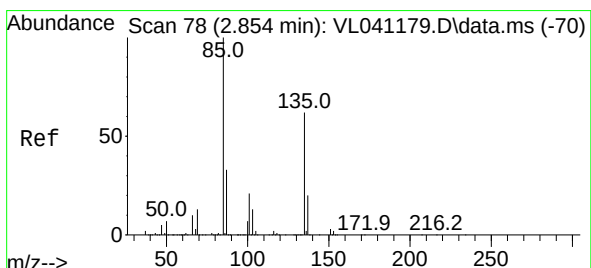
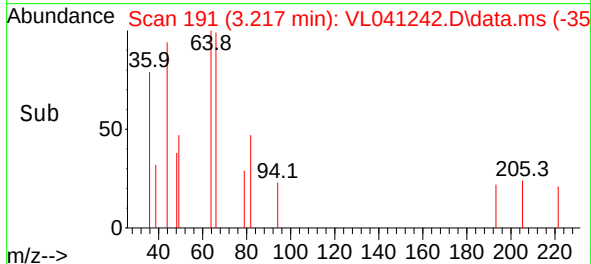
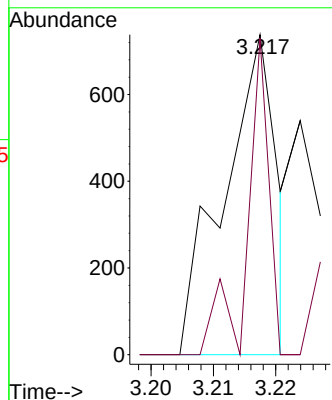
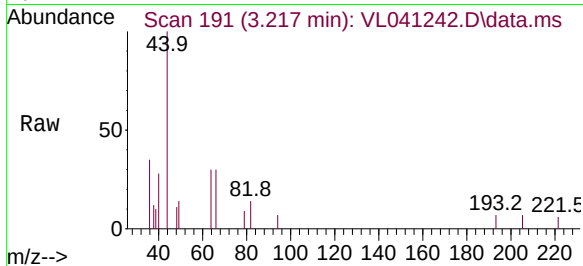




#7
Chloroethane
Concen: 0.025 ppbv
RT: 3.217 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

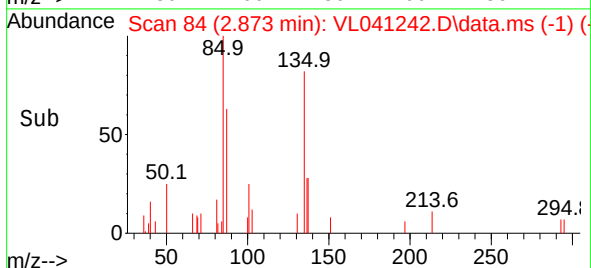
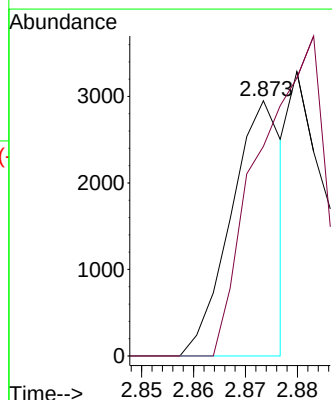
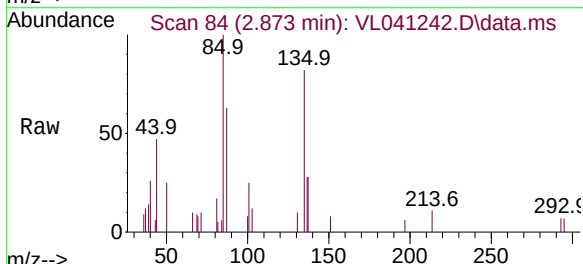
Instrument :
MSVOA_L
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LOD-MDL-AIR-01-QT2-2024

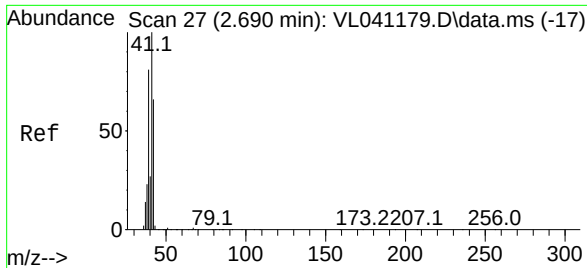
Tgt Ion: 64 Resp: 436
Ion Ratio Lower Upper
64 100
66 98.9 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.018 ppbv
RT: 2.873 min Scan# 84
Delta R.T. -0.000 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion: 85 Resp: 2034
Ion Ratio Lower Upper
85 100
135 0.0 51.5 77.3#





#9

Propene

Concen: 0.064 ppbv

RT: 2.716 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_1

ClientSampleId :

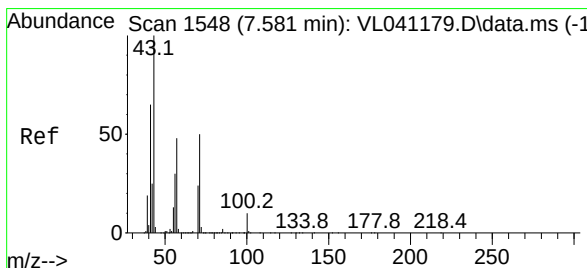
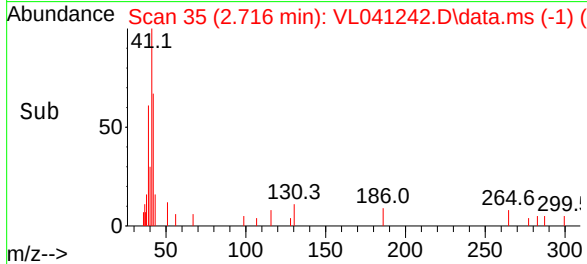
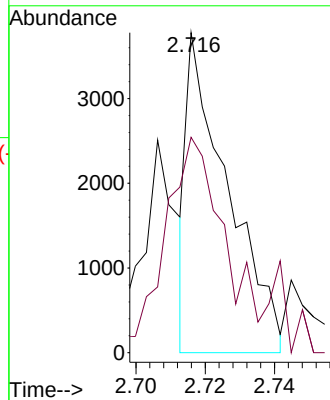
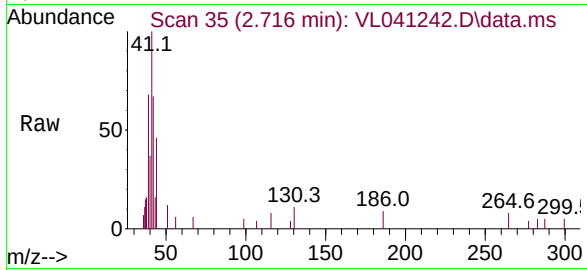
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 41 Resp: 3109

Ion Ratio Lower Upper

41 100

42 112.8 55.3 82.9#



#10

Heptane

Concen: 0.019 ppbv

RT: 7.600 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VL041242.D

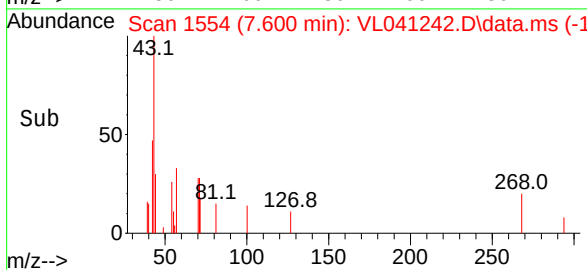
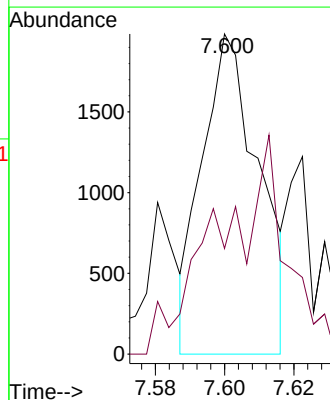
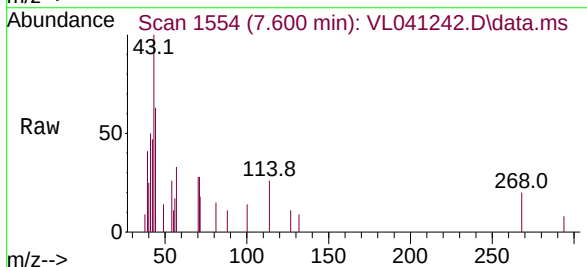
Acq: 8 May 2024 13:51

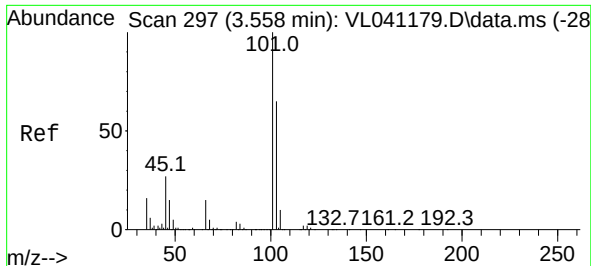
Tgt Ion: 43 Resp: 2255

Ion Ratio Lower Upper

43 100

57 0.0 38.7 58.1#





#11

Trichlorofluoromethane

Concen: 0.032 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

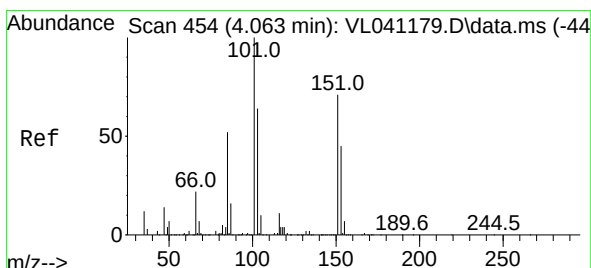
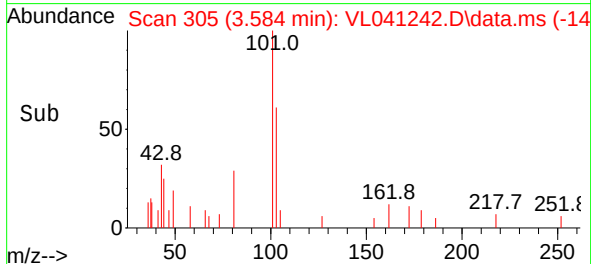
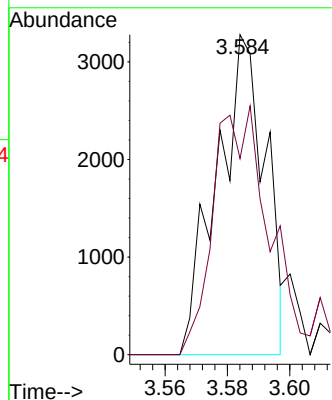
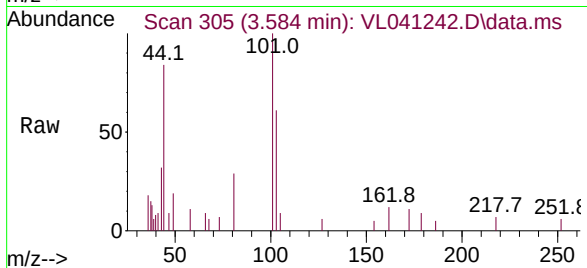
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:101 Resp: 3529

Ion Ratio Lower Upper

101 100

103 61.3 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.001 ppbv

RT: 4.063 min Scan# 454

Delta R.T. -0.019 min

Lab File: VL041242.D

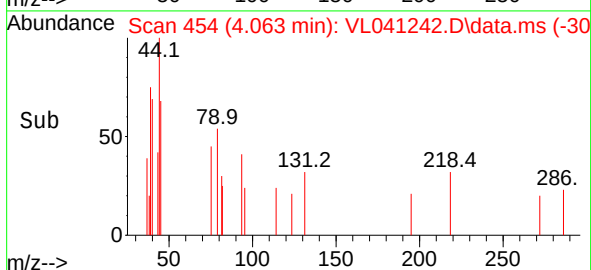
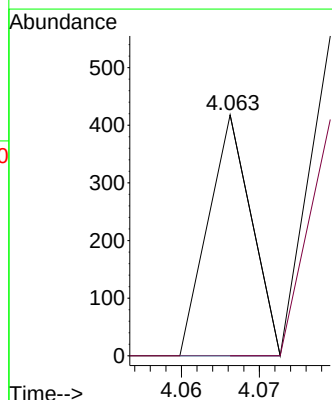
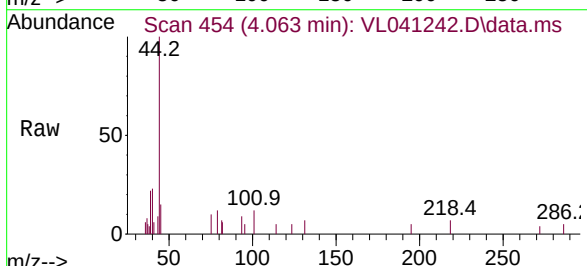
Acq: 8 May 2024 13:51

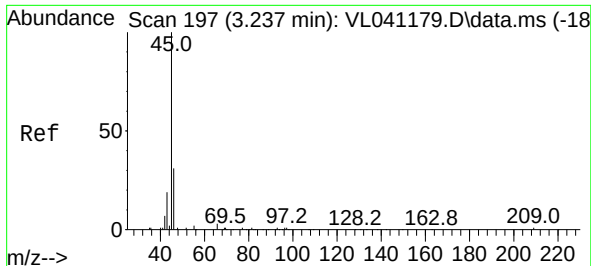
Tgt Ion:101 Resp: 81

Ion Ratio Lower Upper

101 100

151 84.0 56.8 85.2





#13

Ethanol

Concen: 0.003 ppbv

RT: 3.263 min Scan# 205

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

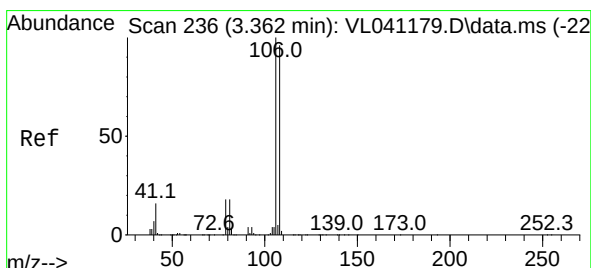
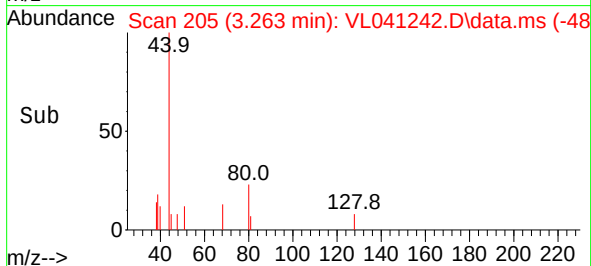
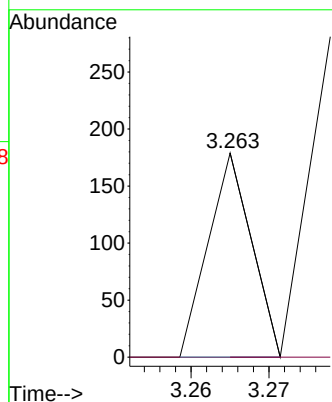
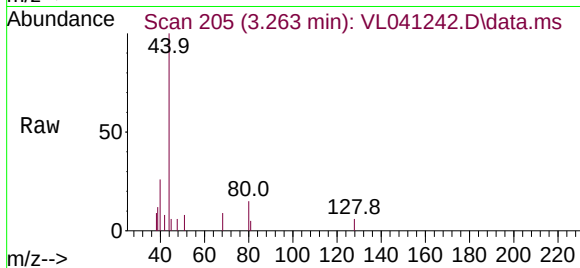
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 45 Resp: 35

Ion Ratio Lower Upper

45 100

46 0.0 14.8 59.0#



#14

Bromoethene

Concen: 0.032 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

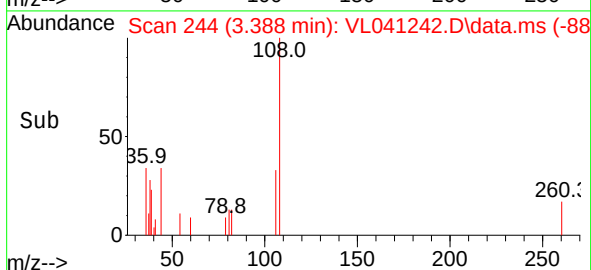
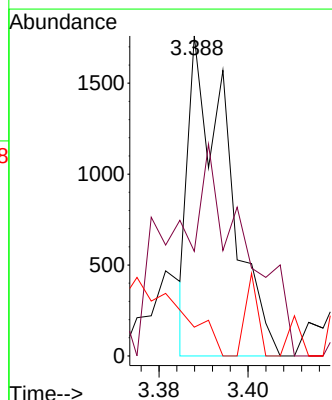
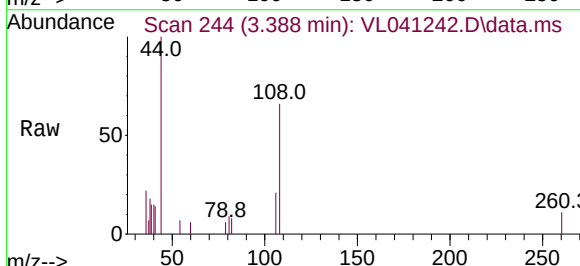
Tgt Ion: 108 Resp: 1077

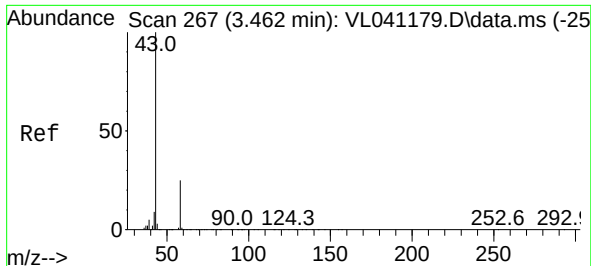
Ion Ratio Lower Upper

108 100

106 133.1 88.2 132.4#

79 0.0 17.4 26.0#





#15

Acetone

Concen: 0.149 ppbv

RT: 3.517 min Scan# 21

Delta R.T. 0.032 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

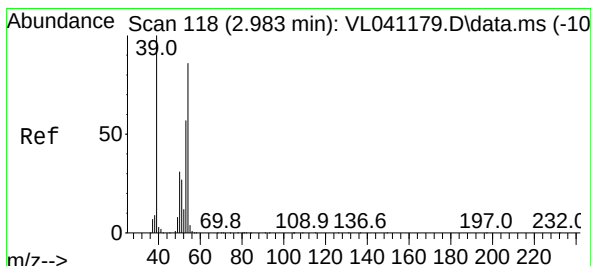
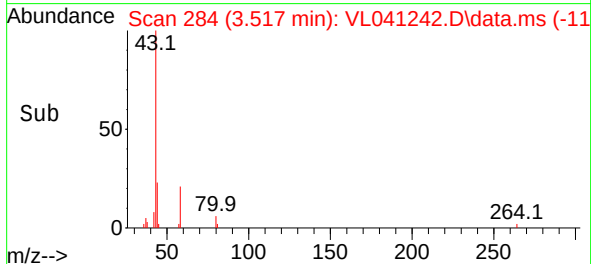
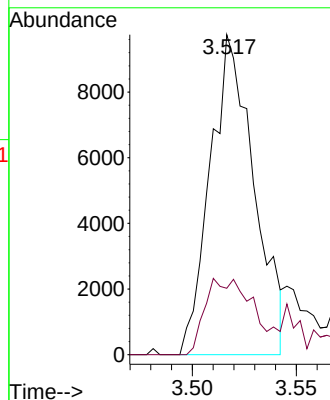
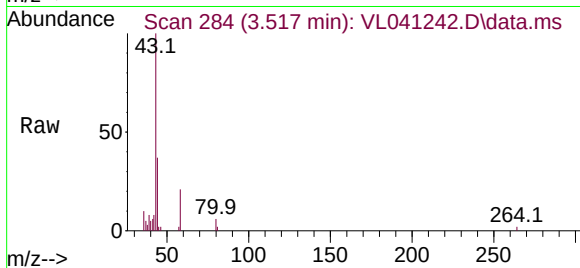
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 43 Resp: 14298

Ion Ratio Lower Upper

43 100

58 38.5 21.4 32.0#



#16

1,3-Butadiene

Concen: 0.021 ppbv

RT: 3.009 min Scan# 126

Delta R.T. 0.006 min

Lab File: VL041242.D

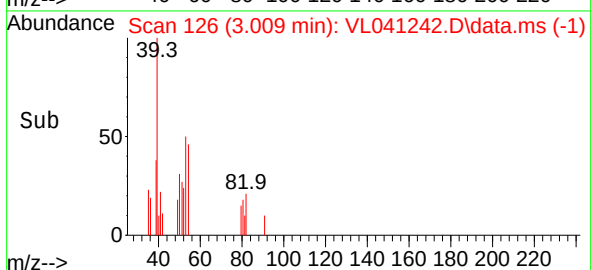
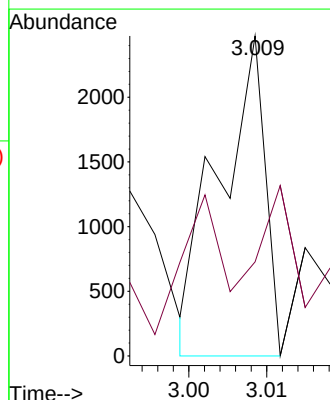
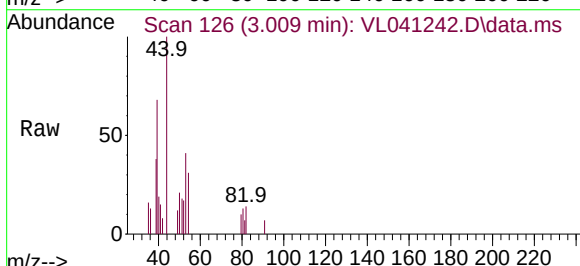
Acq: 8 May 2024 13:51

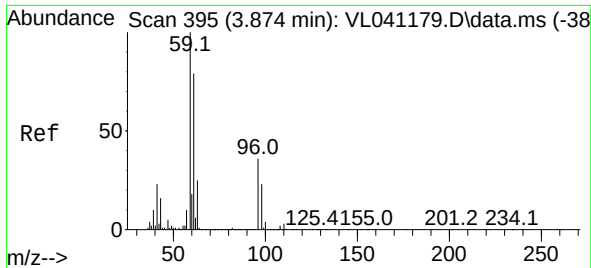
Tgt Ion: 39 Resp: 1010

Ion Ratio Lower Upper

39 100

54 0.0 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.003 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.010 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_1

ClientSampleId :

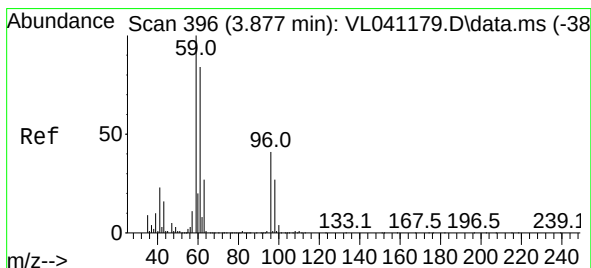
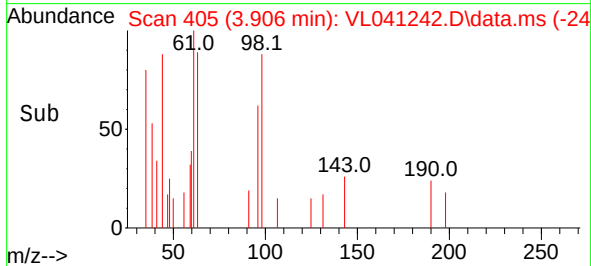
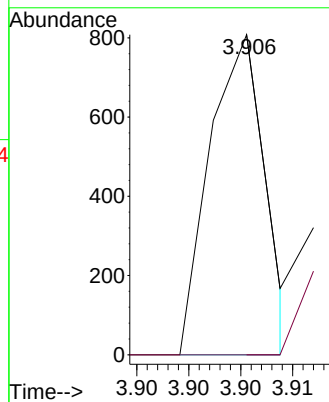
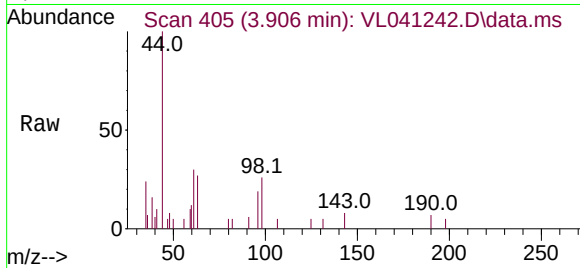
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 59 Resp: 302

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.029 ppbv

RT: 3.902 min Scan# 404

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

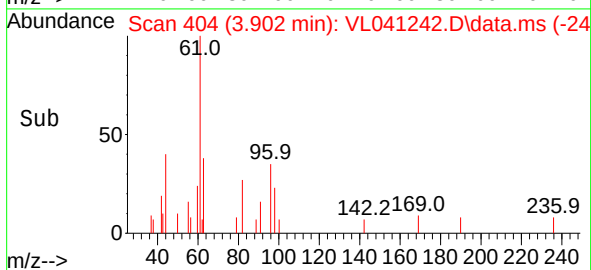
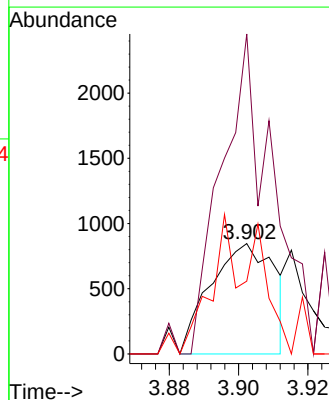
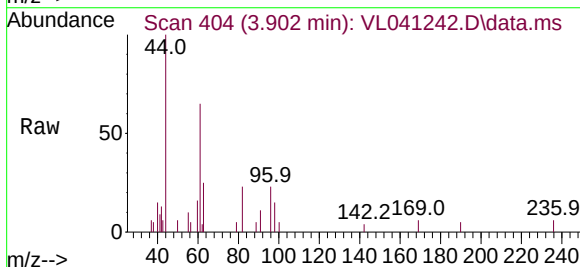
Tgt Ion: 96 Resp: 1087

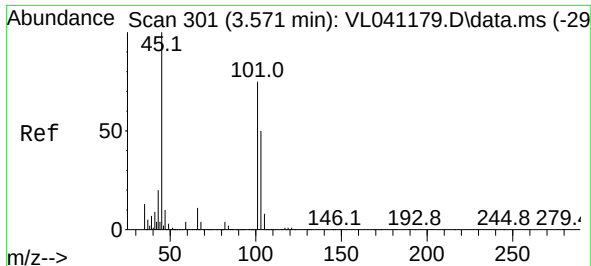
Ion Ratio Lower Upper

96 100

61 289.7 164.4 246.6#

98 65.9 51.8 77.8





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.010 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

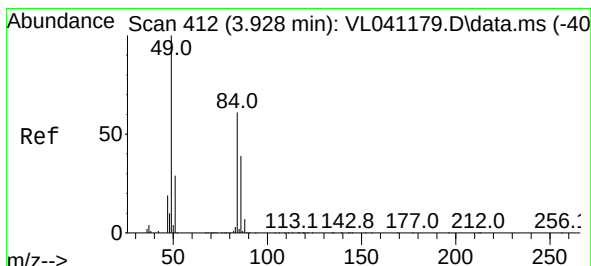
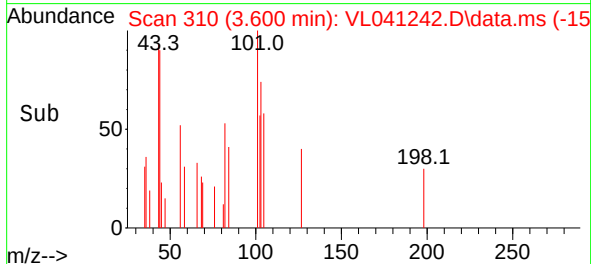
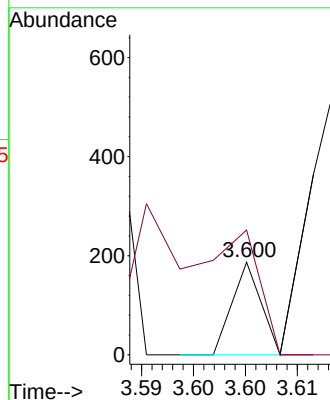
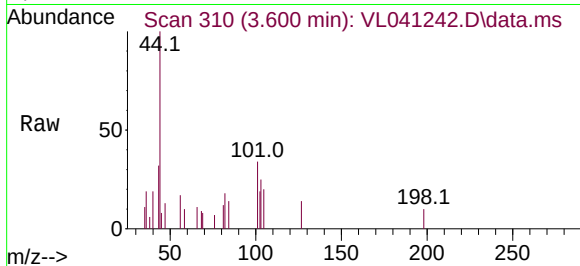
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 45 Resp: 36

Ion Ratio Lower Upper

45 100

58 0.0 26.8 40.2#



#20

Methylene Chloride

Concen: 0.182 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Tgt Ion: 84 Resp: 6069

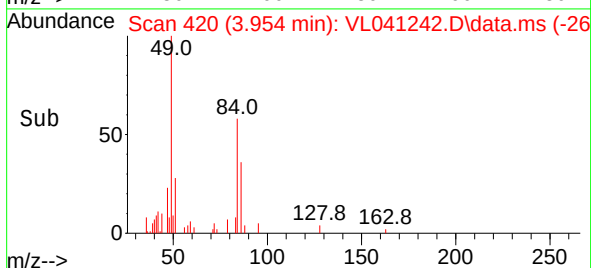
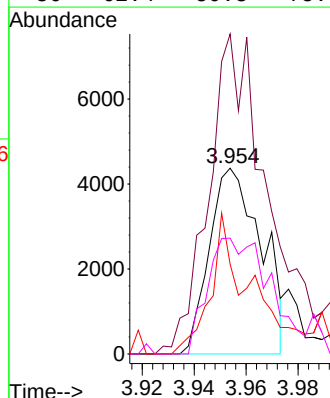
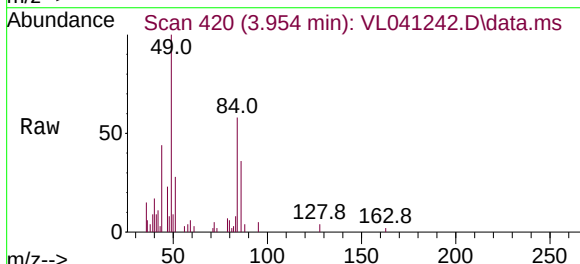
Ion Ratio Lower Upper

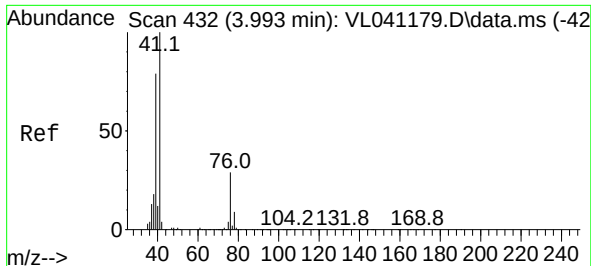
84 100

49 152.9 130.4 195.6

51 43.8 38.0 57.0

86 62.4 50.3 75.5

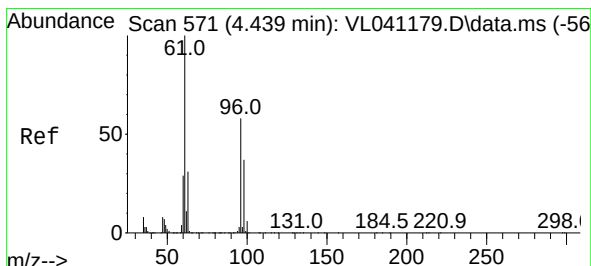
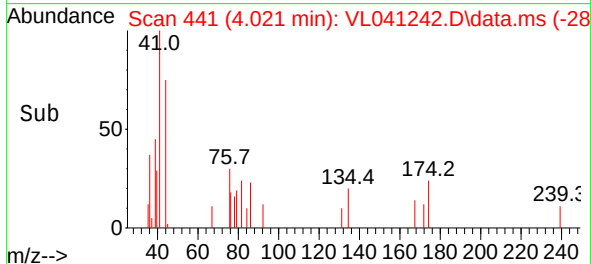
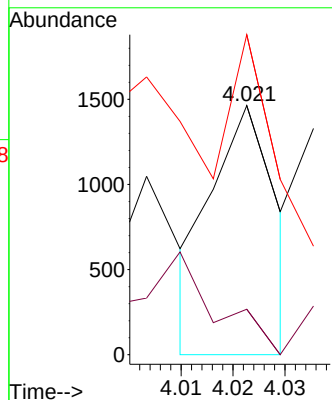
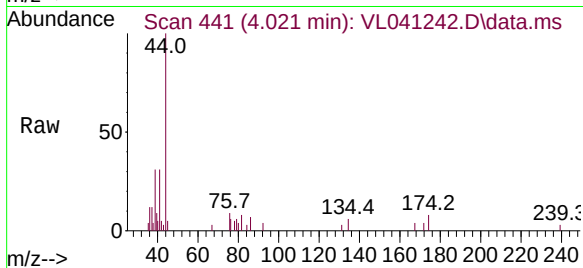




#21
Allyl Chloride
Concen: 0.010 ppbv
RT: 4.021 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

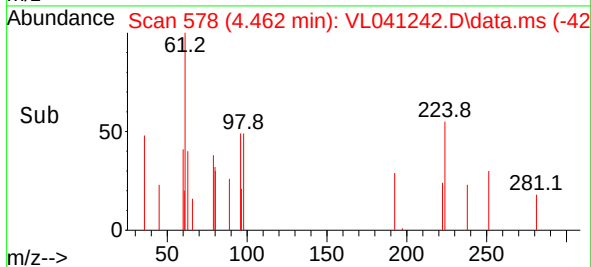
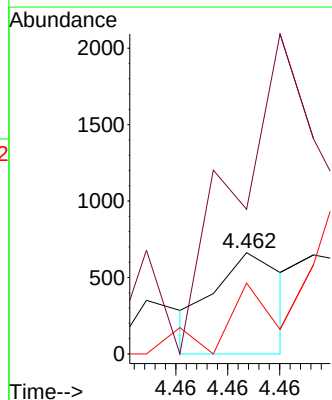
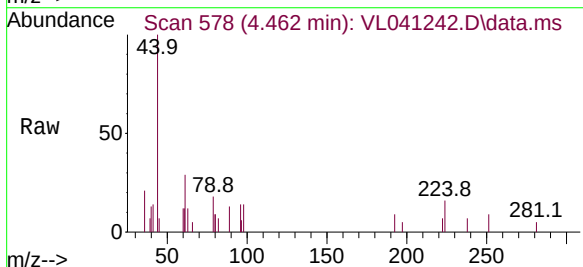
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

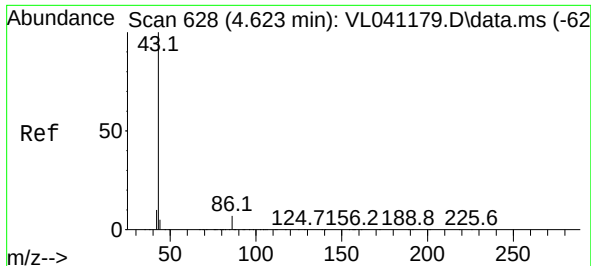
Tgt Ion: 41 Resp: 632
Ion Ratio Lower Upper
41 100
76 0.0 23.7 35.5#
39 0.0 64.7 97.1#



#22
trans-1,2-Dichloroethene
Concen: 0.008 ppbv
RT: 4.462 min Scan# 578
Delta R.T. -0.000 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion: 96 Resp: 307
Ion Ratio Lower Upper
96 100
61 250.3 137.6 206.4#
98 80.2 50.6 76.0#

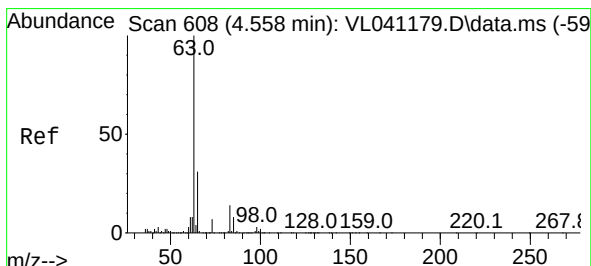
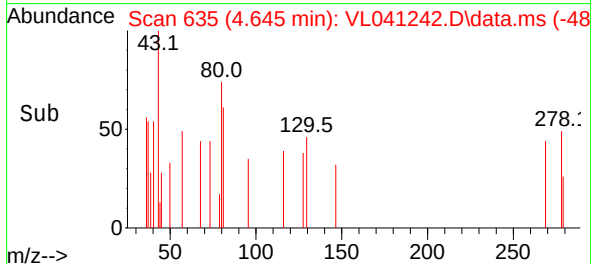
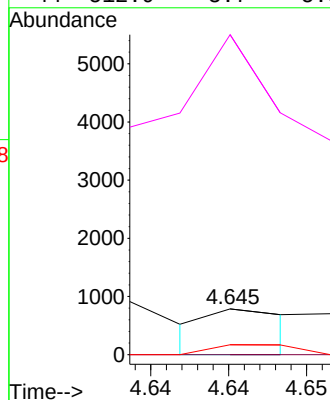
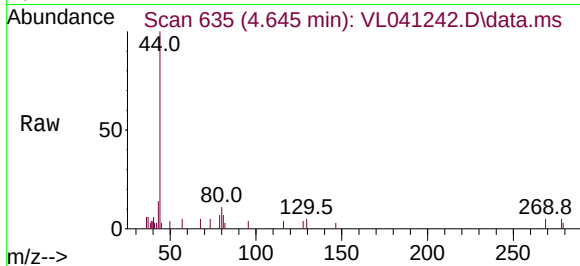




#23
 Vinyl Acetate
 Concen: 0.003 ppbv
 RT: 4.645 min Scan# 617
 Delta R.T. -0.000 min
 Lab File: VL041242.D
 Acq: 8 May 2024 13:51

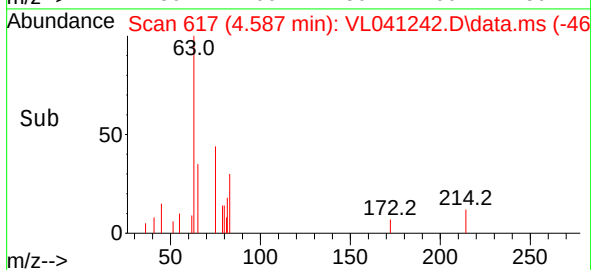
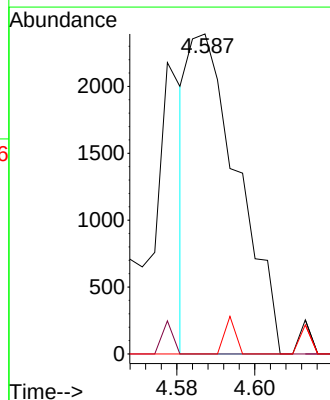
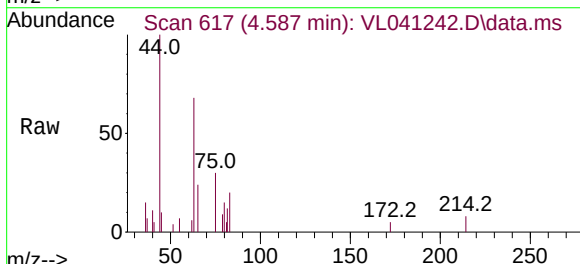
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

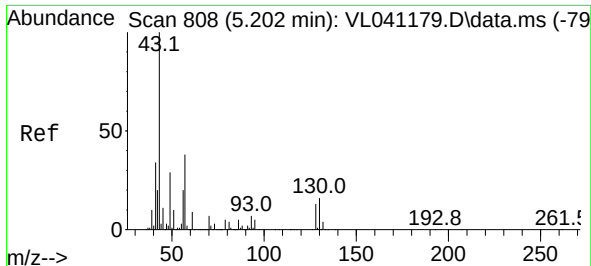
Tgt Ion:	43	Resp:	285
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#
42	65.4	8.0	12.0#
44	512.9	3.7	5.5#



#24
 1,1-Dichloroethane
 Concen: 0.026 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VL041242.D
 Acq: 8 May 2024 13:51

Tgt Ion:	63	Resp:	2111
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.6	4.8#
100	0.0	1.1	3.5#





#25

Ethyl Acetate

Concen: 0.008 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.010 min

Lab File: VL041242.D

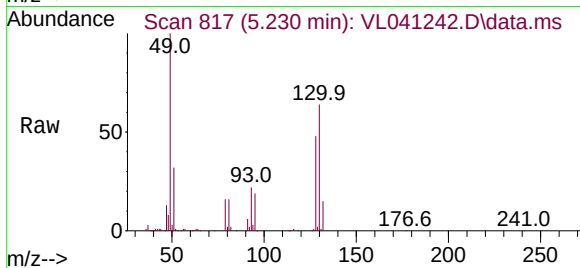
Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43 Resp: 1441

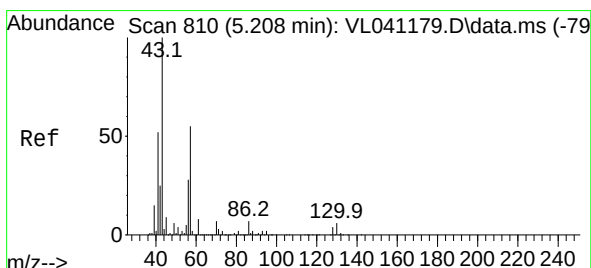
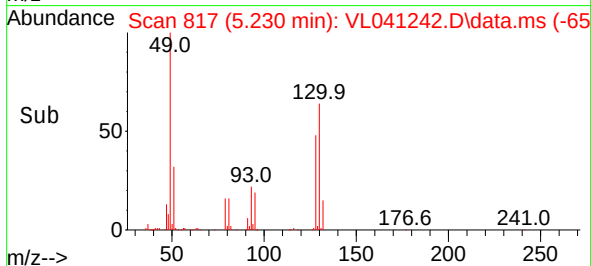
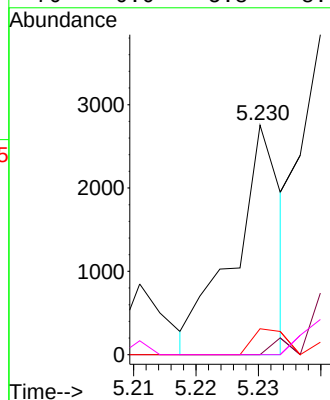
Ion Ratio Lower Upper

43 100

45 0.0 8.2 12.2#

61 0.0 7.7 11.5#

70 0.0 5.8 8.6#



#26

Hexane

Concen: 0.026 ppbv

RT: 5.230 min Scan# 817

Delta R.T. -0.000 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Tgt Ion: 57 Resp: 2245

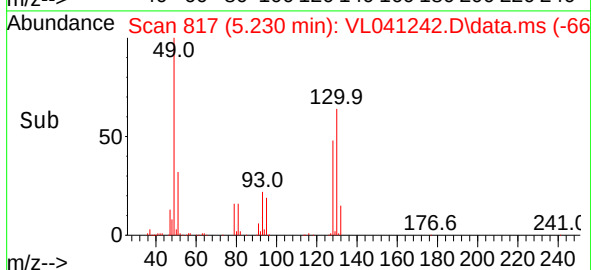
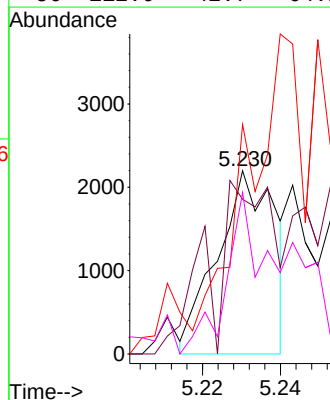
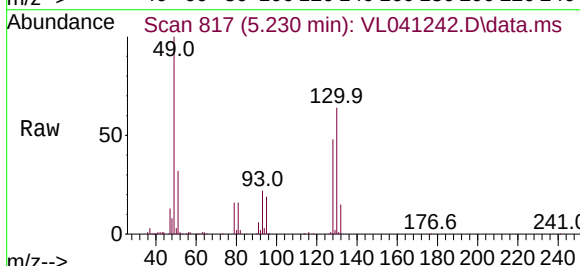
Ion Ratio Lower Upper

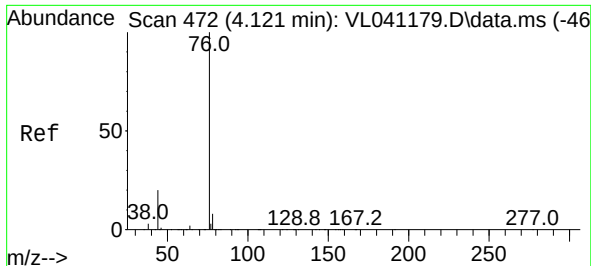
57 100

41 187.5 75.8 113.8#

43 0.0 187.0 280.4#

56 112.0 42.7 64.1#





#27

Carbon Disulfide

Concen: 0.037 ppbv

RT: 4.150 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

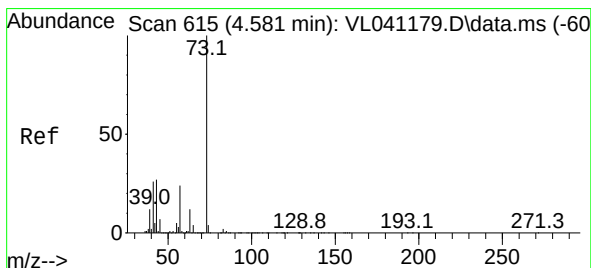
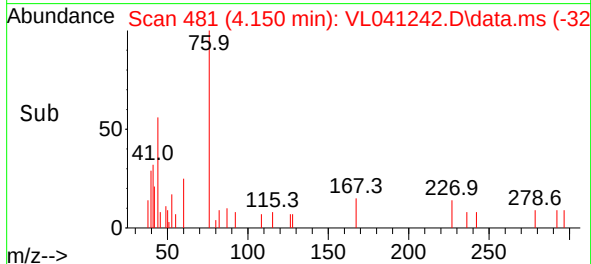
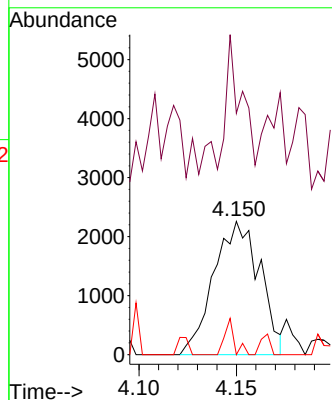
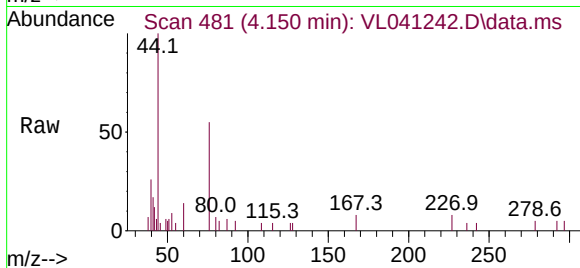
Tgt Ion: 76 Resp: 3719

Ion Ratio Lower Upper

76 100

44 83.8 16.3 24.5#

78 8.8 7.3 10.9



#28

Methyl tert-Butyl Ether

Concen: 0.005 ppbv

RT: 4.610 min Scan# 624

Delta R.T. 0.006 min

Lab File: VL041242.D

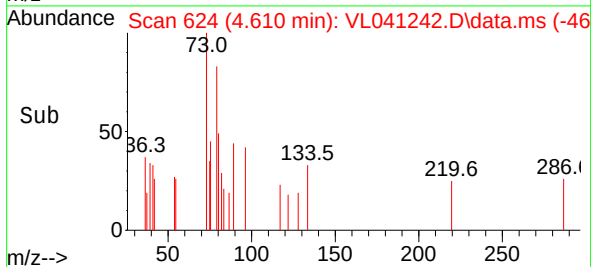
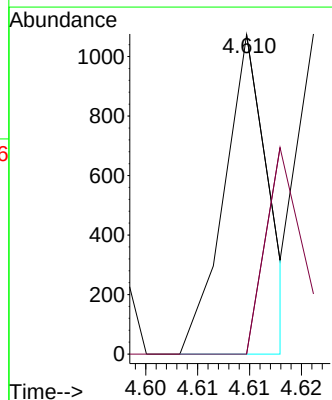
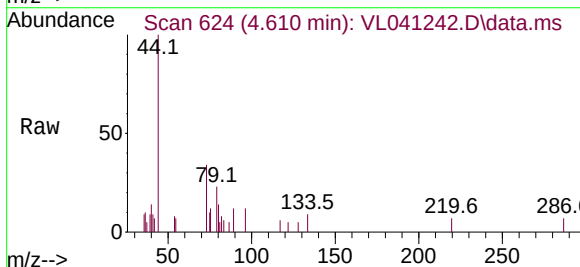
Acq: 8 May 2024 13:51

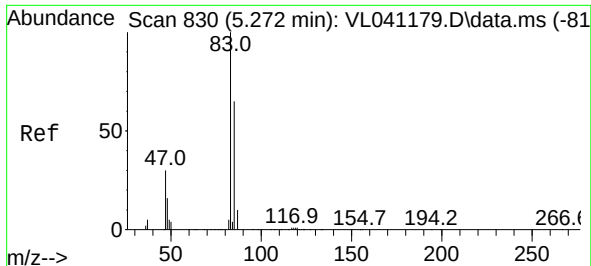
Tgt Ion: 73 Resp: 325

Ion Ratio Lower Upper

73 100

57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.005 ppbv

RT: 5.314 min Scan# 84

Delta R.T. 0.019 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

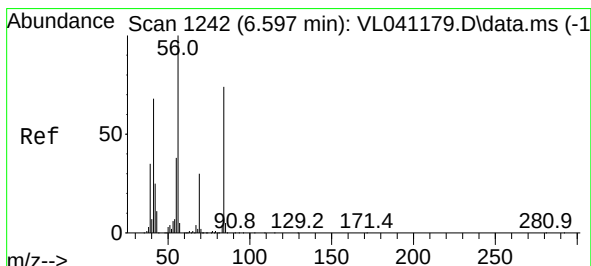
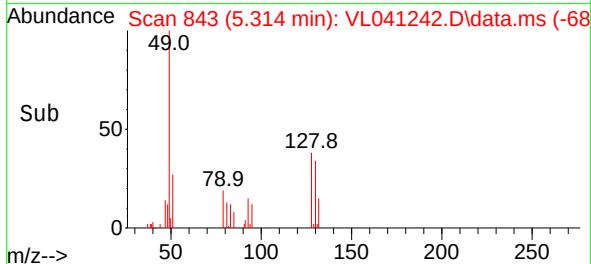
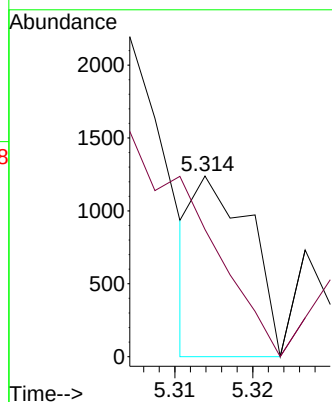
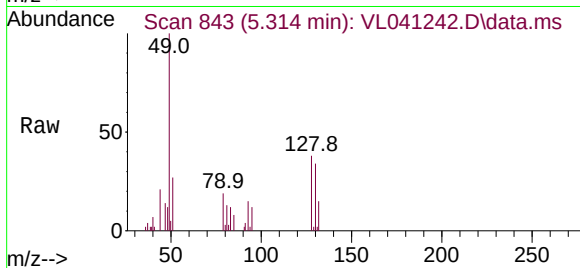
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 83 Resp: 610

Ion Ratio Lower Upper

83 100

85 70.4 51.7 77.5



#30

Cyclohexane

Concen: 0.009 ppbv

RT: 6.622 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

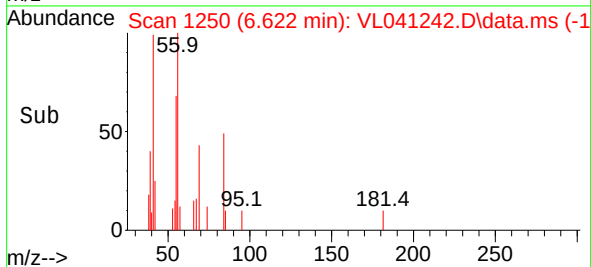
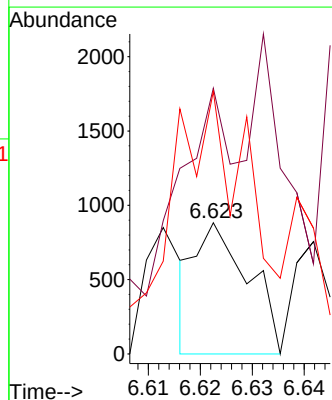
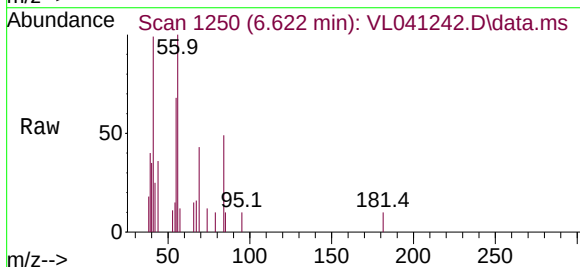
Tgt Ion: 84 Resp: 626

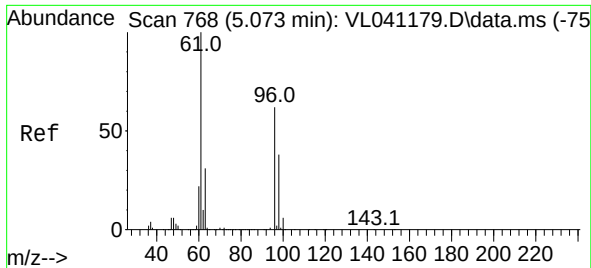
Ion Ratio Lower Upper

84 100

56 0.0 116.8 175.2#

41 530.4 73.8 110.8#





#31

cis-1,2-Dichloroethene

Concen: 0.011 ppbv

RT: 5.095 min Scan# 7

Delta R.T. -0.000 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

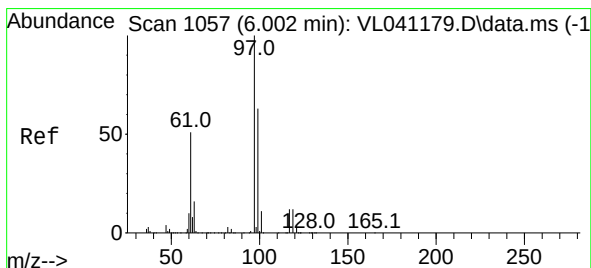
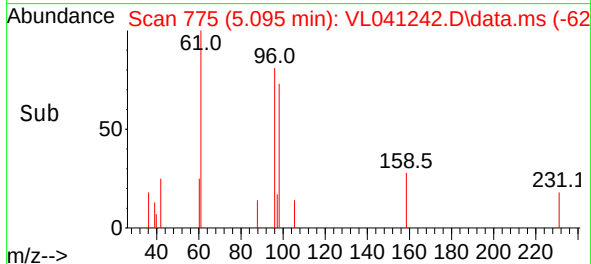
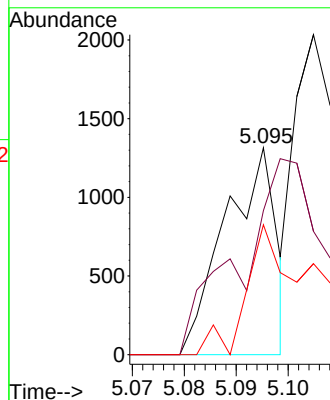
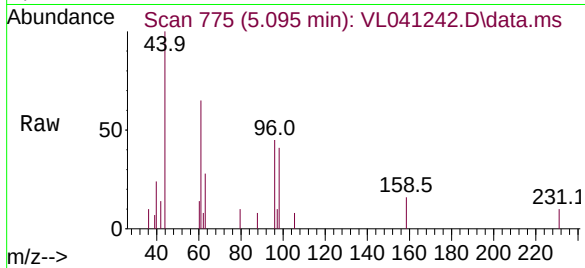
Tgt Ion: 61 Resp: 906

Ion Ratio Lower Upper

61 100

96 69.6 49.8 74.6

98 62.8 30.0 45.0#



#32

1,1,1-Trichloroethane

Concen: 0.018 ppbv

RT: 6.028 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

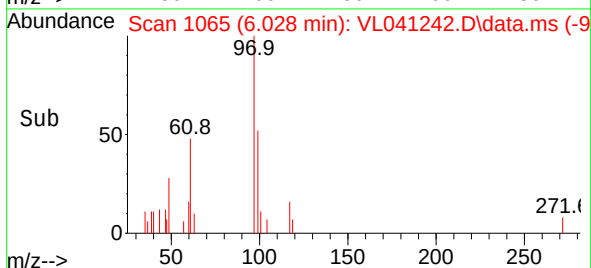
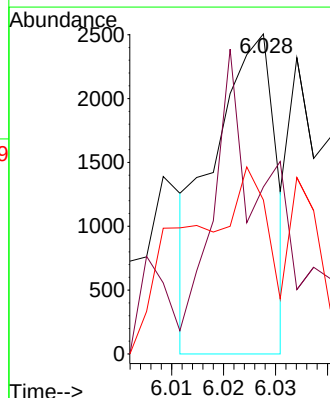
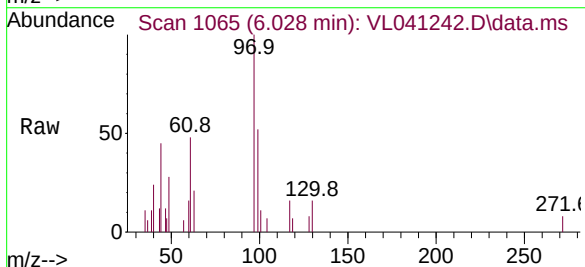
Tgt Ion: 97 Resp: 2116

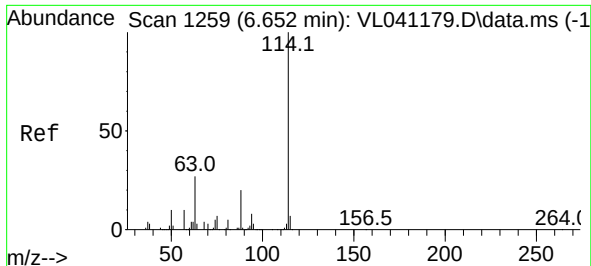
Ion Ratio Lower Upper

97 100

99 123.4 51.7 77.5#

61 124.4 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.677 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041242.D

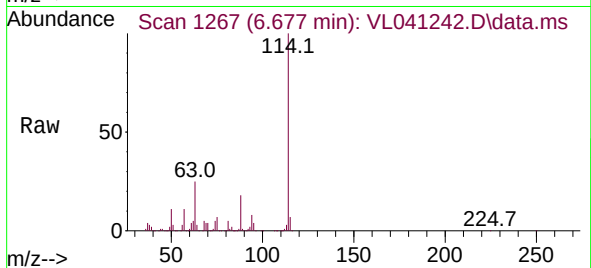
Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



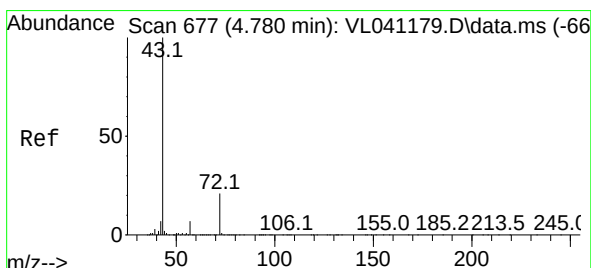
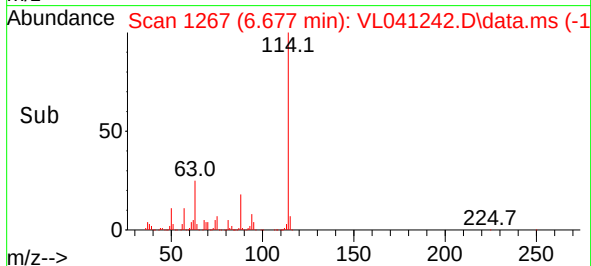
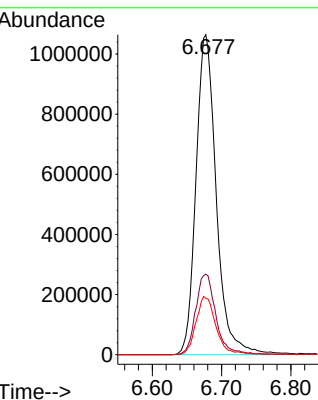
Tgt Ion:114 Resp: 2157991

Ion Ratio Lower Upper

114 100

63 25.3 21.8 32.6

88 18.1 15.2 22.8



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.010 min

Lab File: VL041242.D

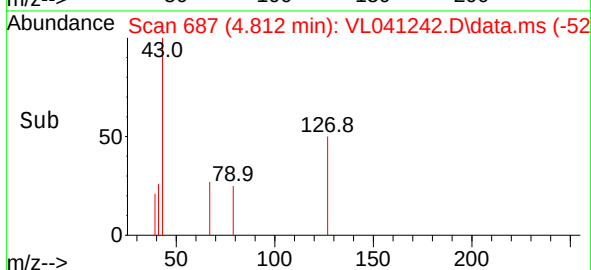
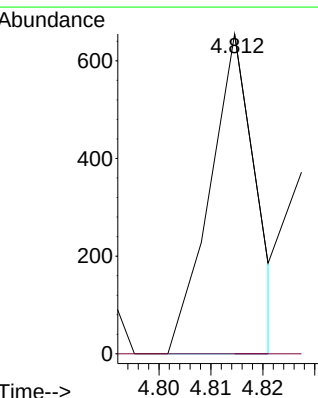
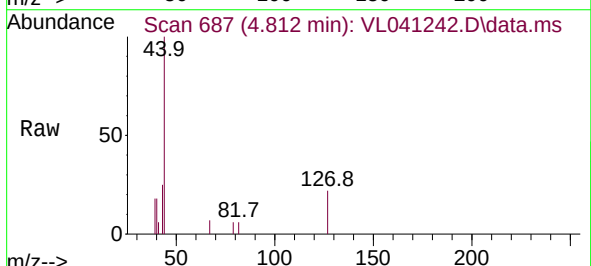
Acq: 8 May 2024 13:51

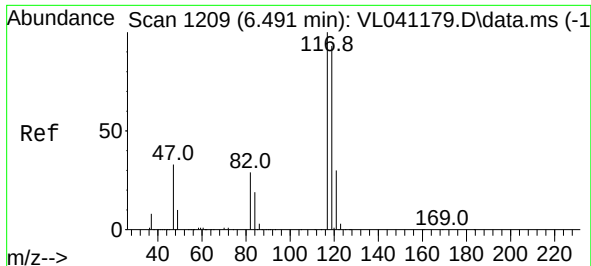
Tgt Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.022 ppbv

RT: 6.513 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

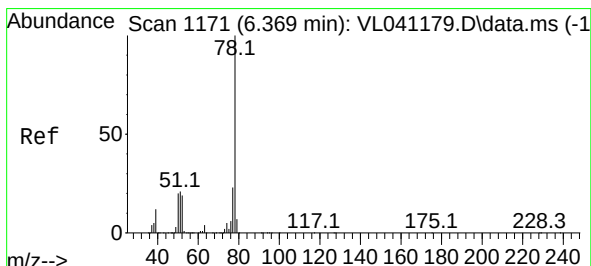
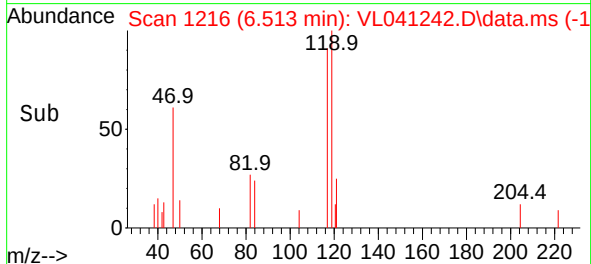
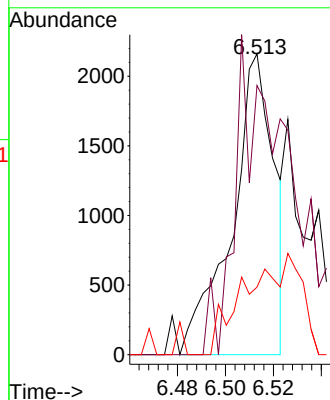
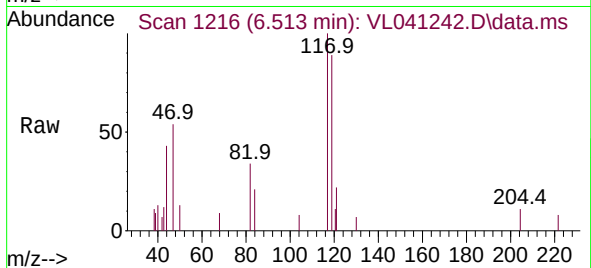
Tgt Ion:117 Resp: 2618

Ion Ratio Lower Upper

117 100

119 89.4 74.3 111.5

121 11.6 23.8 35.8#



#36

Benzene

Concen: 0.007 ppbv

RT: 6.381 min Scan# 1175

Delta R.T. -0.010 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

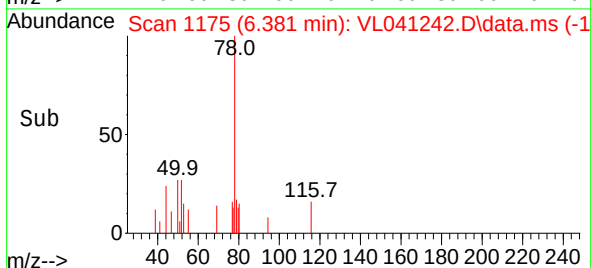
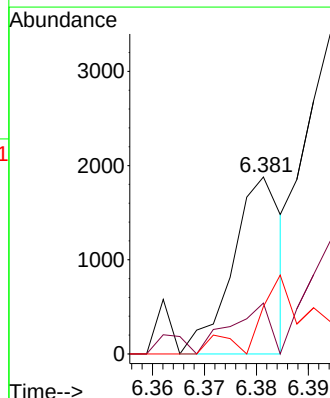
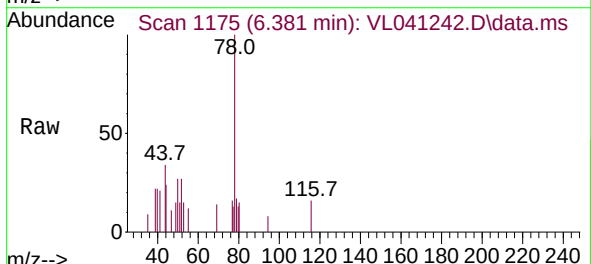
Tgt Ion: 78 Resp: 1236

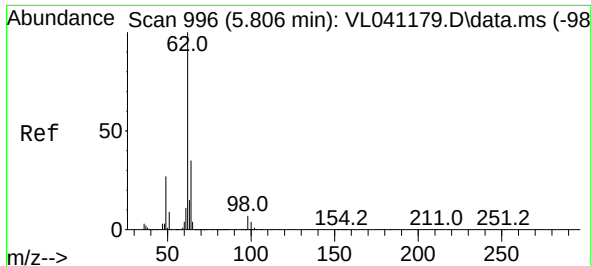
Ion Ratio Lower Upper

78 100

77 24.5 18.3 27.5

50 22.8 15.9 23.9

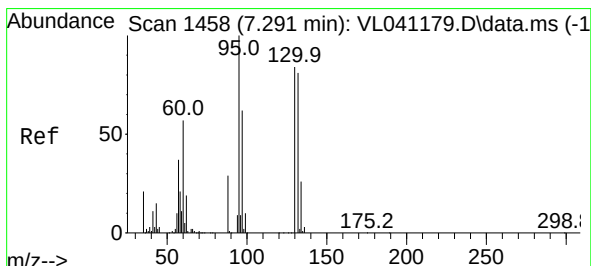
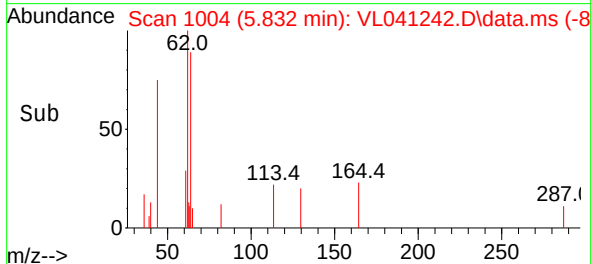
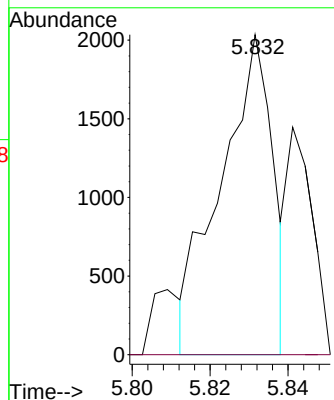
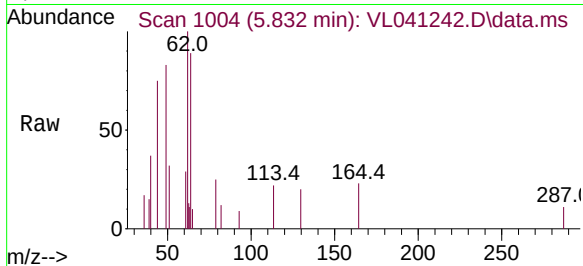




#37
1,2-Dichloroethane
Concen: 0.020 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

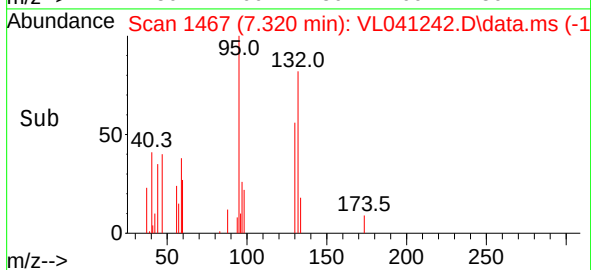
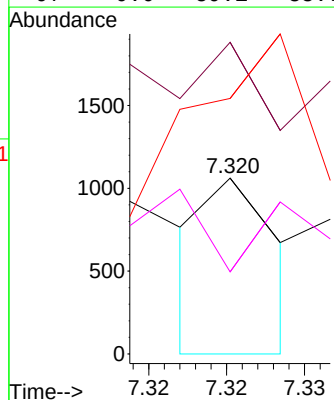
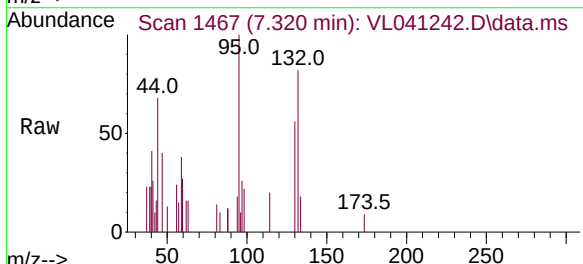
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

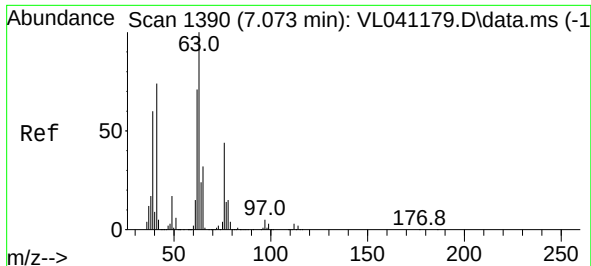
Tgt Ion: 62 Resp: 1895
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.4#



#38
Trichloroethene
Concen: 0.005 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.010 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion:130 Resp: 335
Ion Ratio Lower Upper
130 100
95 136.4 95.0 142.6
132 16.9 77.0 115.4#
97 0.0 59.1 88.7#





#39

1,2-Dichloropropane

Concen: 7.682 ppbv

RT: 6.677 min Scan# 1467

Delta R.T. -0.415 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

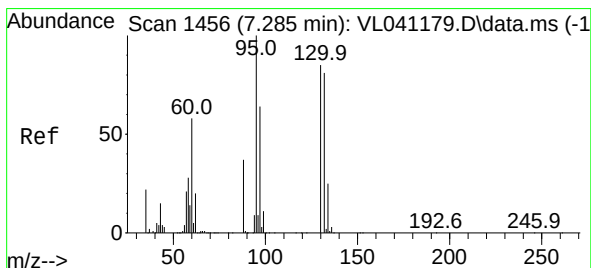
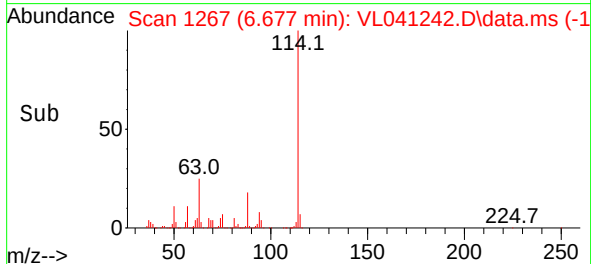
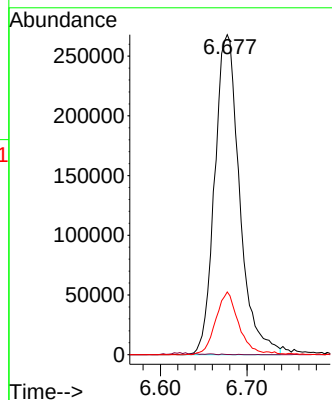
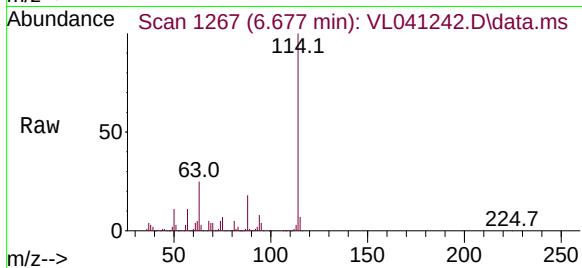
Tgt Ion: 63 Resp: 536141

Ion Ratio Lower Upper

63 100

41 0.1 59.4 89.0#

62 19.6 56.8 85.2#



#40

1,4-Dioxane

Concen: 0.009 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.019 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Tgt Ion: 88 Resp: 236

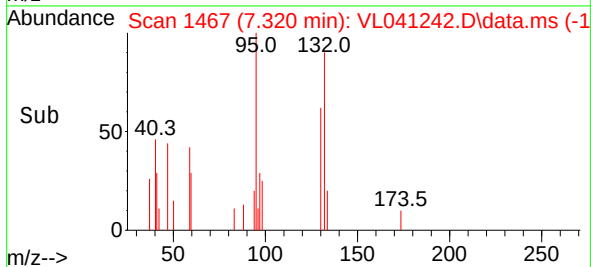
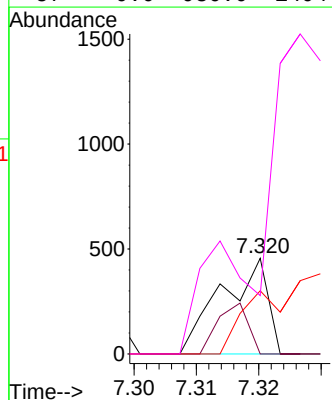
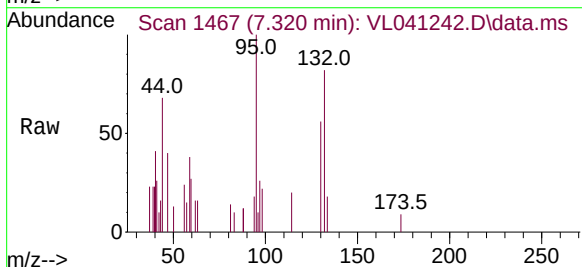
Ion Ratio Lower Upper

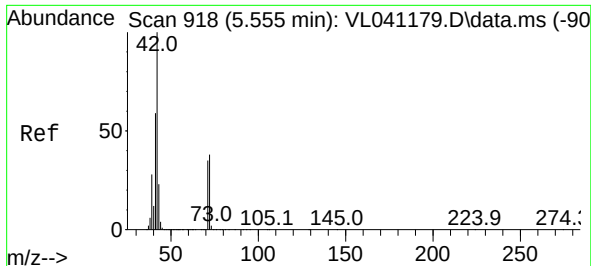
88 100

58 44.9 106.1 159.1#

43 98.3 219.8 329.6#

57 0.0 936.0 1404.0#





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 5.571 min Scan# 91

Delta R.T. -0.007 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

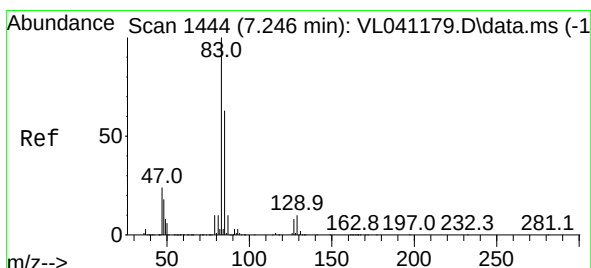
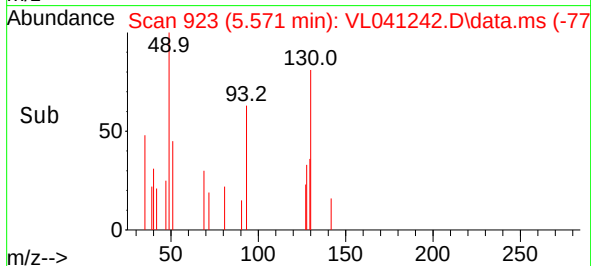
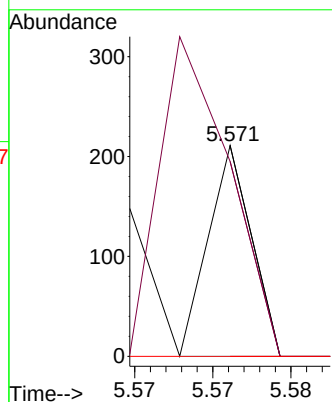
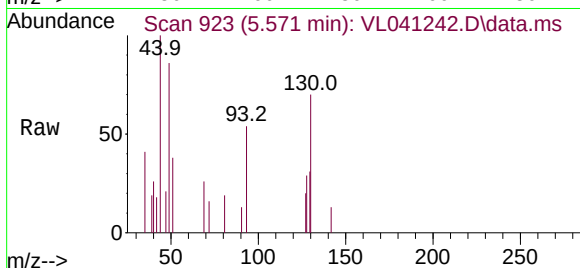
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

72 241.5 29.4 44.0#

71 0.0 29.1 43.7#



#42

Bromodichloromethane

Concen: 0.017 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

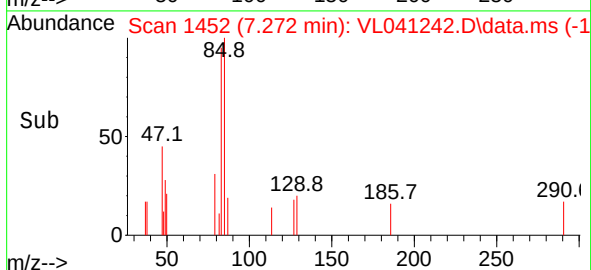
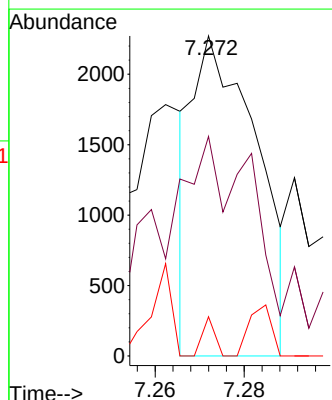
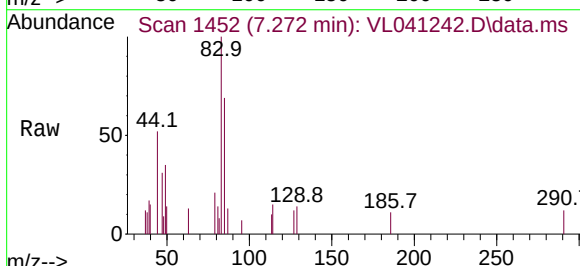
Tgt Ion: 83 Resp: 2290

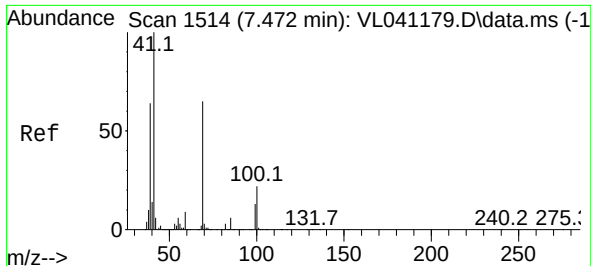
Ion Ratio Lower Upper

83 100

85 93.9 50.6 75.8#

127 20.5 6.2 9.4#





#43

Methyl Methacrylate

Concen: 0.008 ppbv

RT: 7.500 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

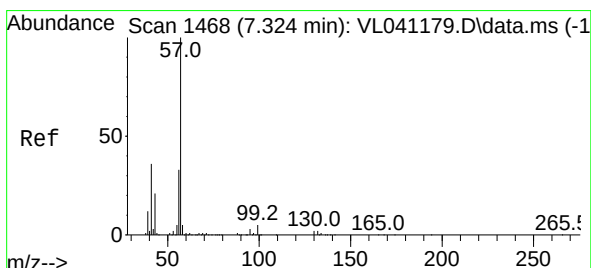
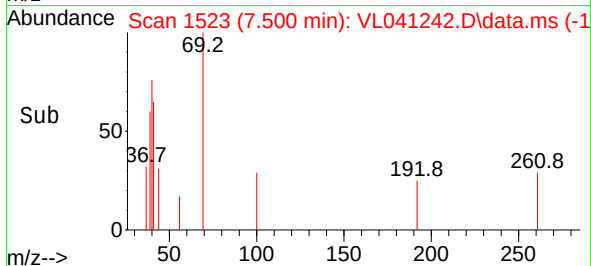
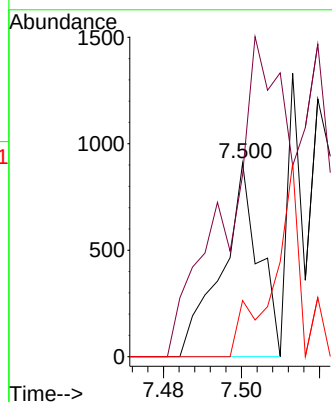
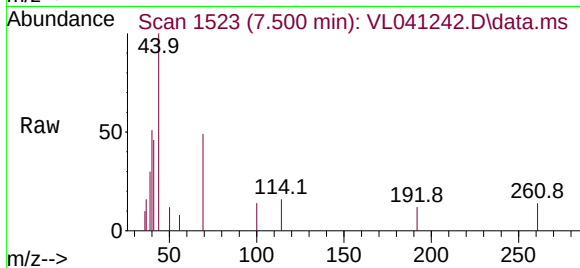
Tgt Ion: 69 Resp: 600

Ion Ratio Lower Upper

69 100

41 586.0 125.2 187.8#

100 0.0 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.013 ppbv

RT: 7.352 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

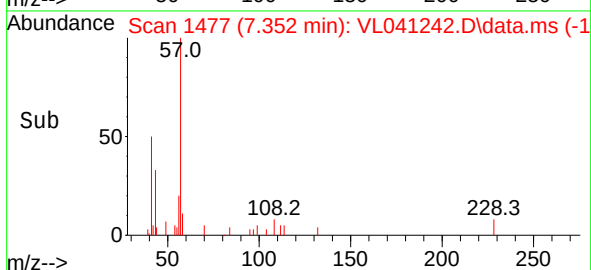
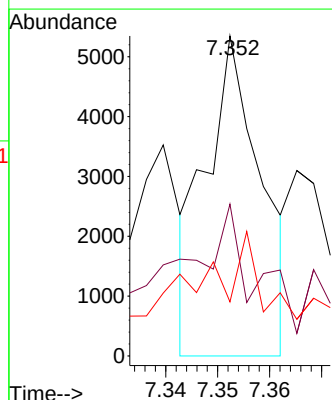
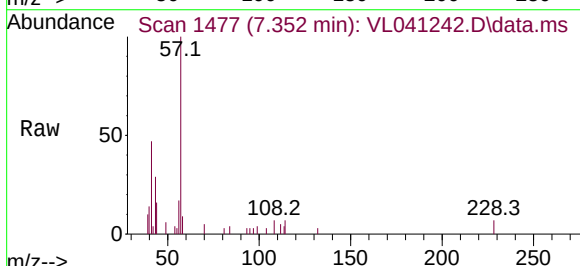
Tgt Ion: 57 Resp: 3951

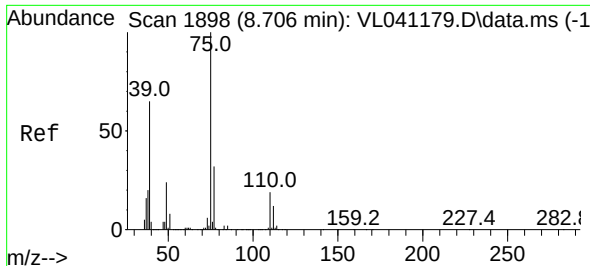
Ion Ratio Lower Upper

57 100

41 120.5 29.5 44.3#

56 88.6 25.3 37.9#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 8.735 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

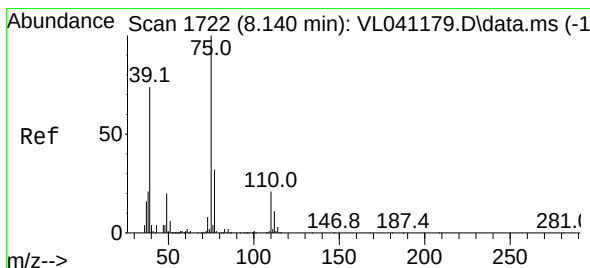
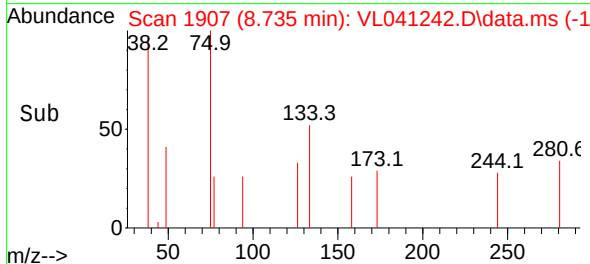
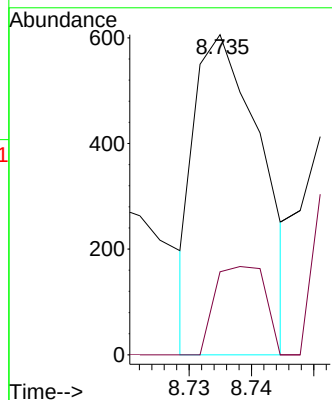
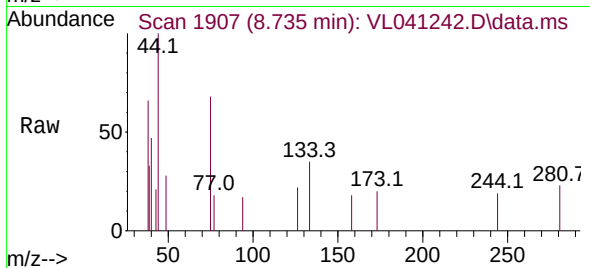
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 75 Resp: 449

Ion Ratio Lower Upper

75 100

77 25.9 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 0.010 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

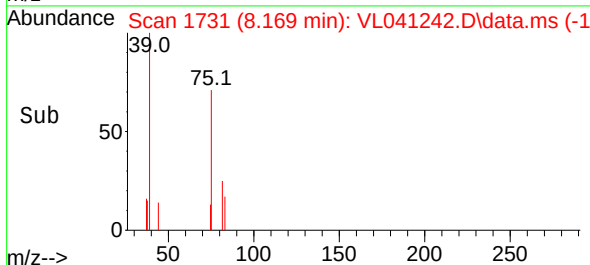
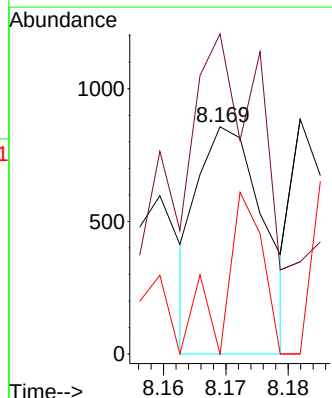
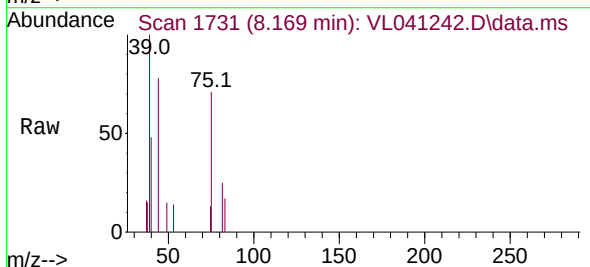
Tgt Ion: 75 Resp: 627

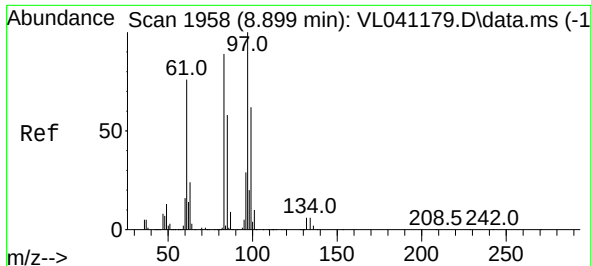
Ion Ratio Lower Upper

75 100

39 184.6 59.4 89.2#

77 0.0 25.9 38.9#





#47

1,1,2-Trichloroethane

Concen: 0.017 ppbv

RT: 8.925 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL041242.D

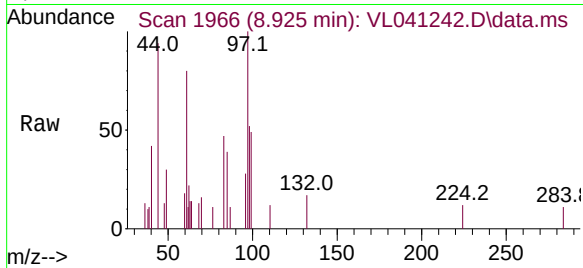
Acq: 8 May 2024 13:51

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 97 Resp: 1181

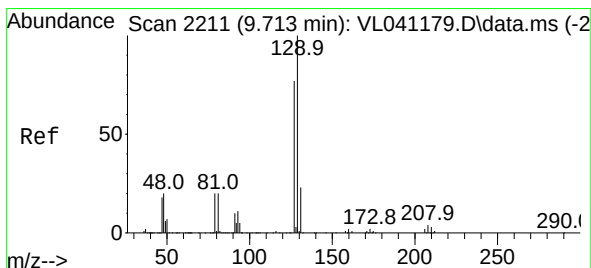
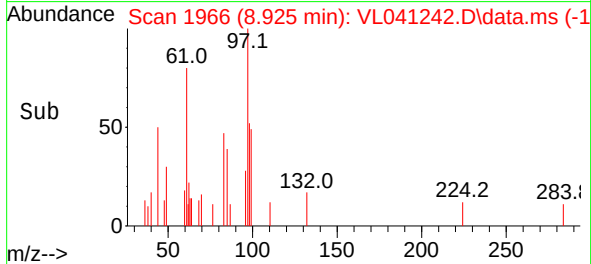
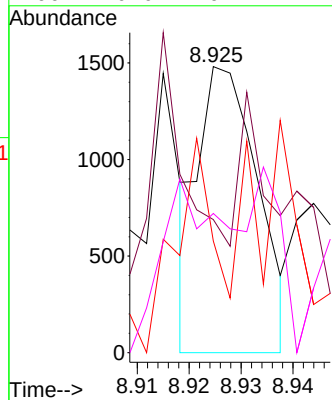
Ion Ratio Lower Upper

97 100

83 0.0 71.2 106.8#

85 6.9 46.0 69.0#

99 0.0 49.7 74.5#



#48

Dibromochloromethane

Concen: 0.008 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. 0.010 min

Lab File: VL041242.D

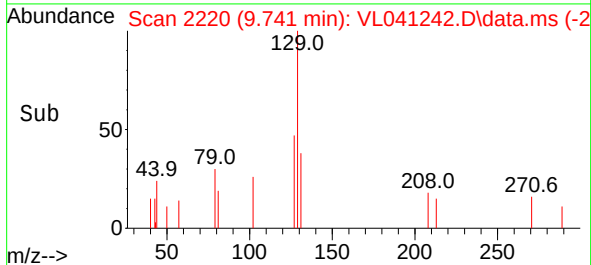
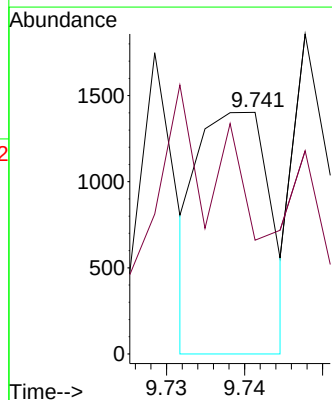
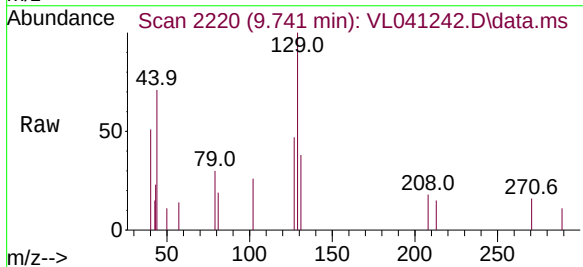
Acq: 8 May 2024 13:51

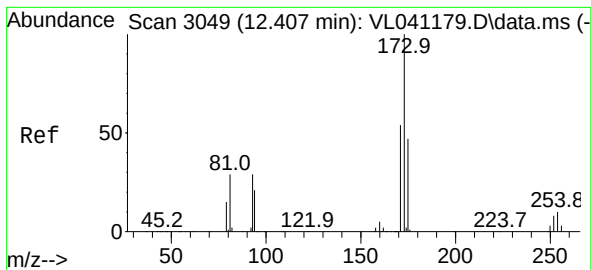
Tgt Ion: 129 Resp: 900

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.5#





#49

Bromoform

Concen: 0.011 ppbv

RT: 12.436 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

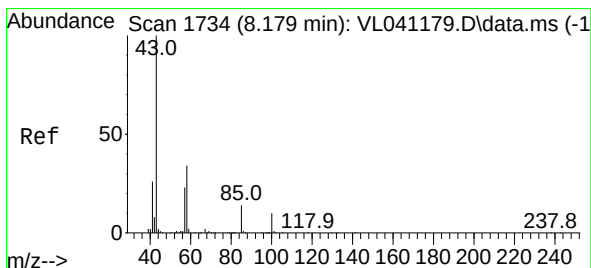
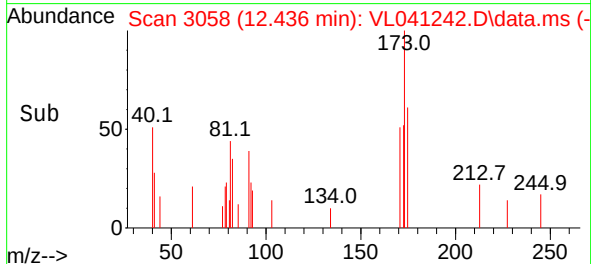
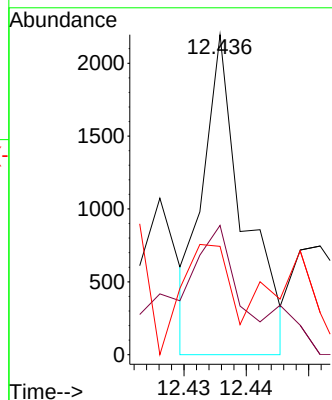
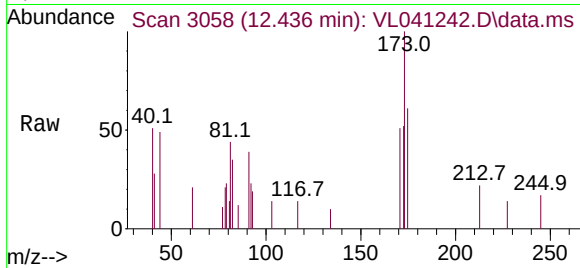
Tgt Ion:173 Resp: 1005

Ion Ratio Lower Upper

173 100

175 114.9 39.8 59.8#

171 0.0 41.8 62.8#



#50

4-Methyl-2-Pentanone

Concen: 0.000 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VL041242.D

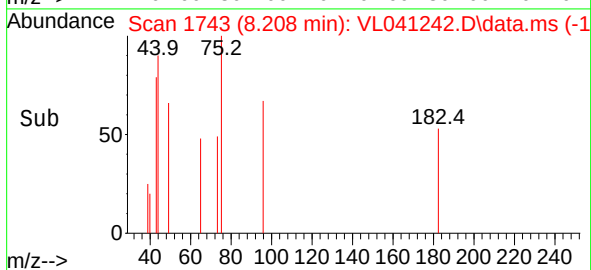
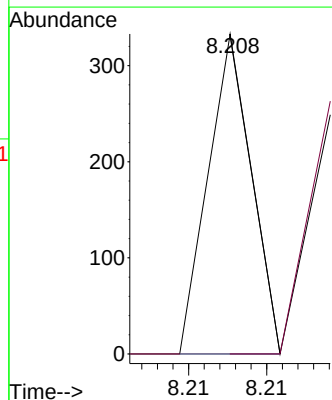
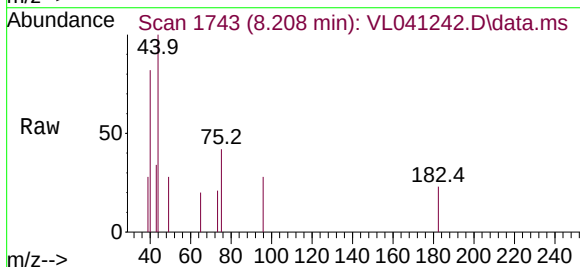
Acq: 8 May 2024 13:51

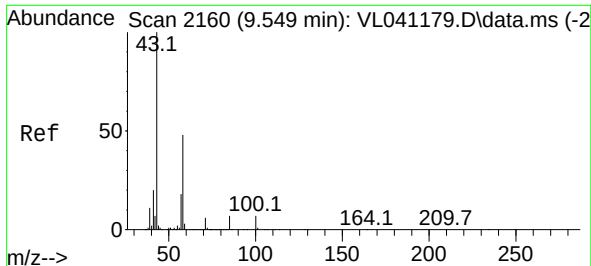
Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#

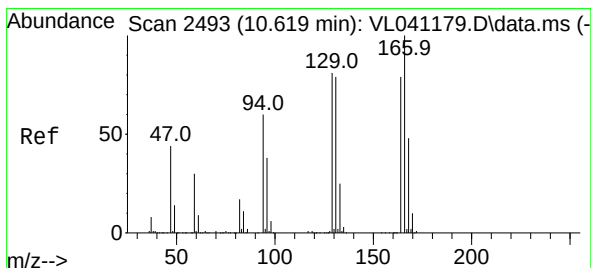
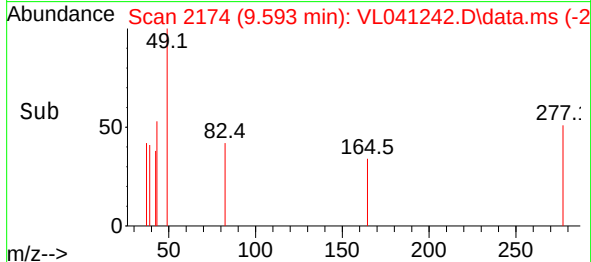
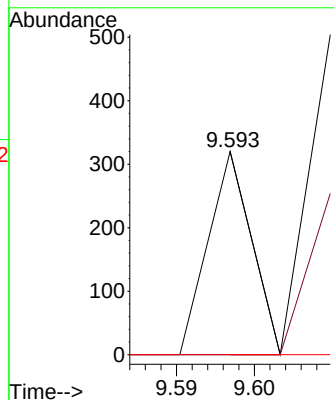
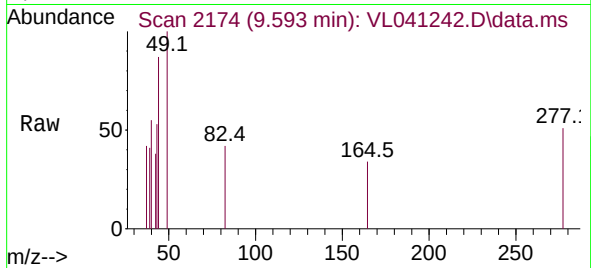




#51
2-Hexanone
Concen: 0.000 ppbv
RT: 9.593 min Scan# 2160
Delta R.T. 0.026 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

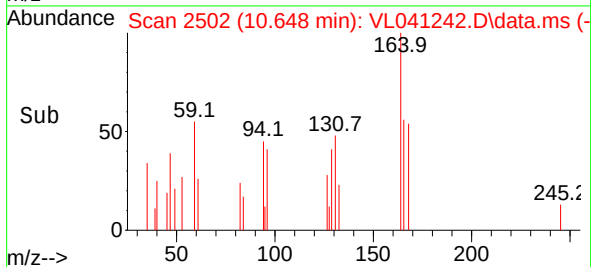
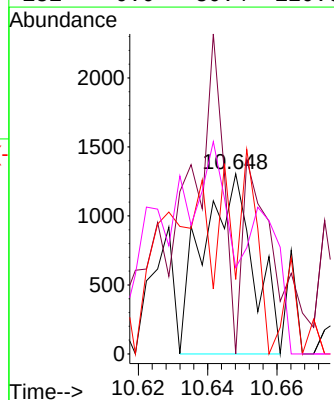
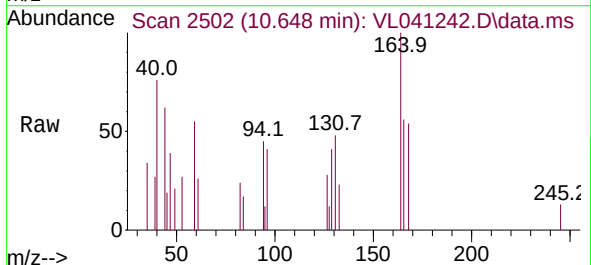
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

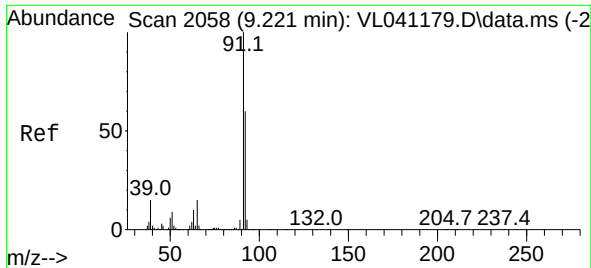
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0



#52
Tetrachloroethene
Concen: 0.021 ppbv
RT: 10.648 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion: 164 Resp: 1310
Ion Ratio Lower Upper
164 100
166 0.0 101.1 151.7#
129 26.7 81.7 122.5#
131 0.0 80.4 120.6#





#53

Toluene

Concen: 0.014 ppbv

RT: 9.246 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

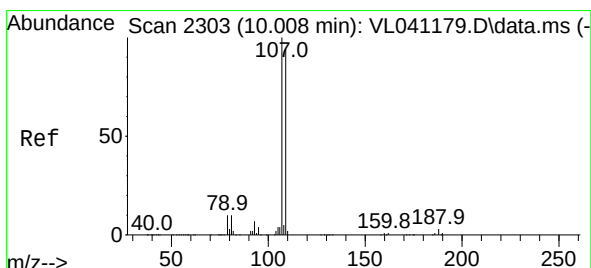
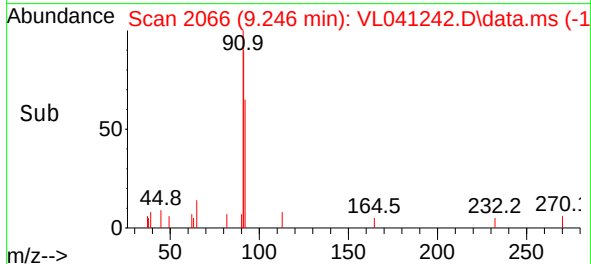
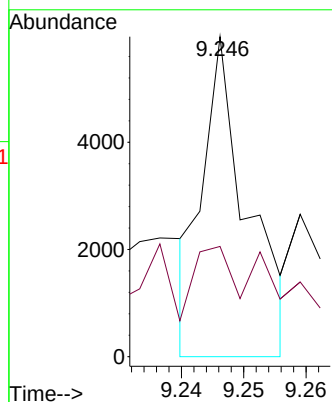
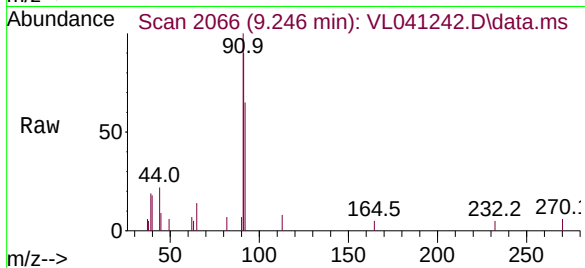
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 91 Resp: 2971

Ion Ratio Lower Upper

91 100

92 0.0 48.2 72.4#



#54

1,2-Dibromoethane

Concen: 0.007 ppbv

RT: 10.031 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VL041242.D

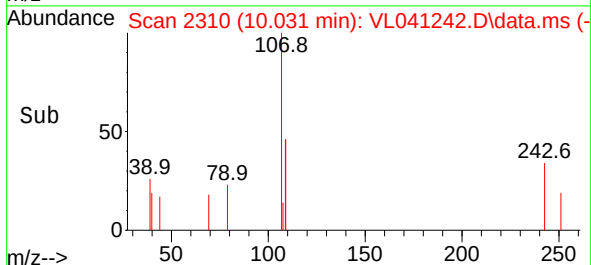
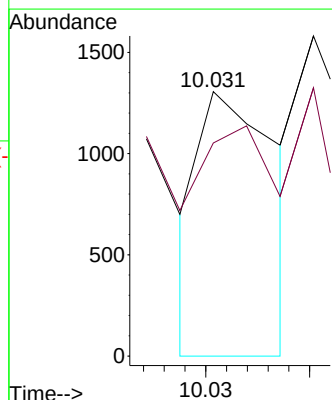
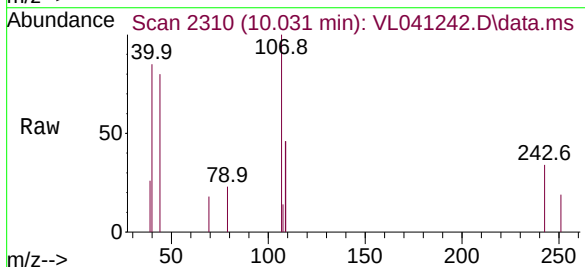
Acq: 8 May 2024 13:51

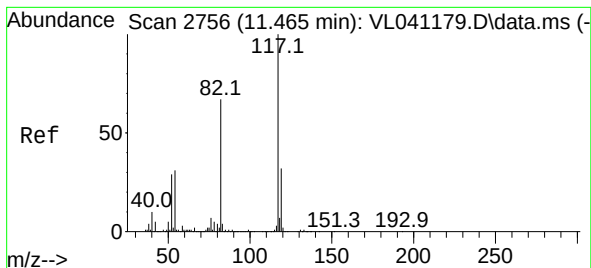
Tgt Ion: 107 Resp: 674

Ion Ratio Lower Upper

107 100

109 54.9 75.2 112.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.490 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

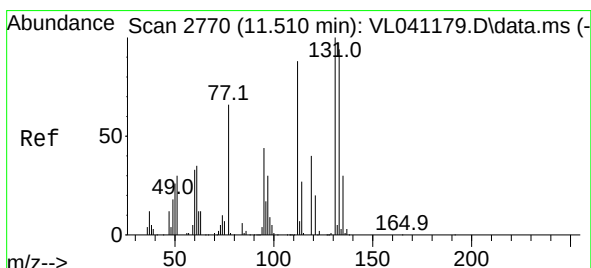
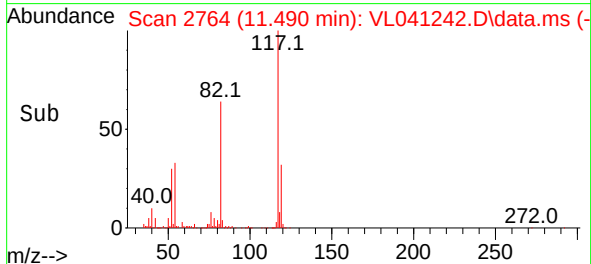
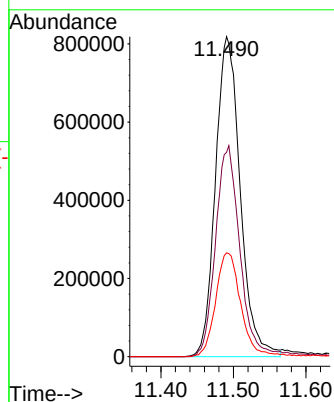
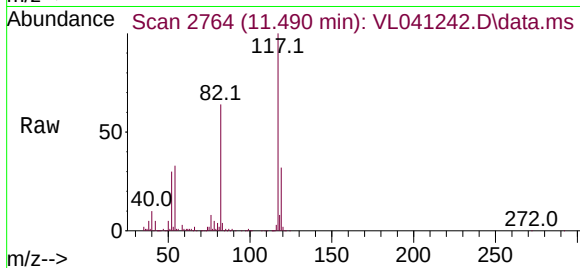
MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:117 Resp: 1941224

Ion	Ratio	Lower	Upper
117	100		
82	66.5	53.6	80.4
119	33.2	27.2	40.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.016 ppbv

RT: 11.535 min Scan# 2778

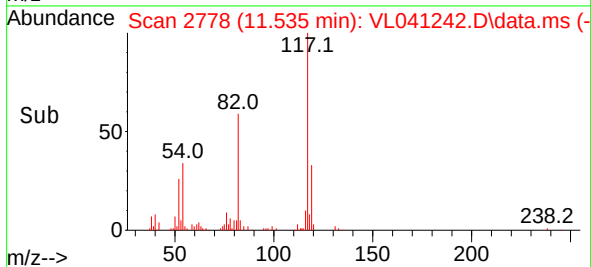
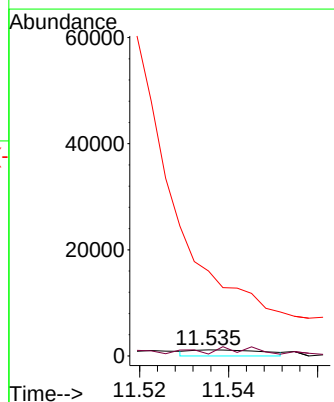
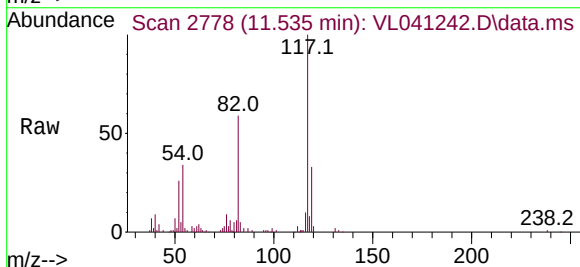
Delta R.T. 0.006 min

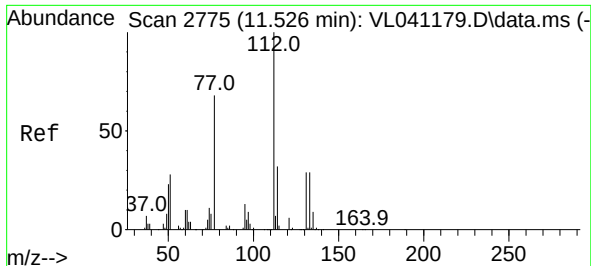
Lab File: VL041242.D

Acq: 8 May 2024 13:51

Tgt Ion:131 Resp: 1296

Ion	Ratio	Lower	Upper
131	100		
133	216.9	76.3	114.5#
119	0.0	49.4	74.2#





#57

Chlorobenzene

Concen: 0.016 ppbv

RT: 11.558 min Scan# 211

Delta R.T. 0.009 min

Lab File: VL041242.D

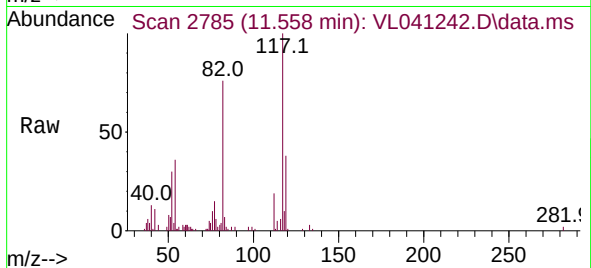
Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



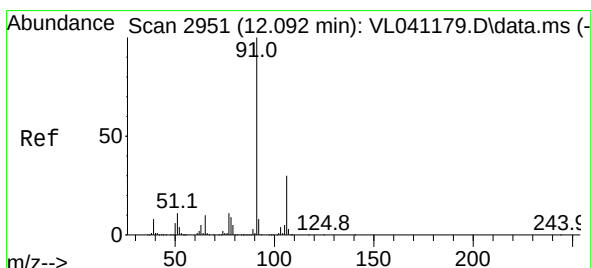
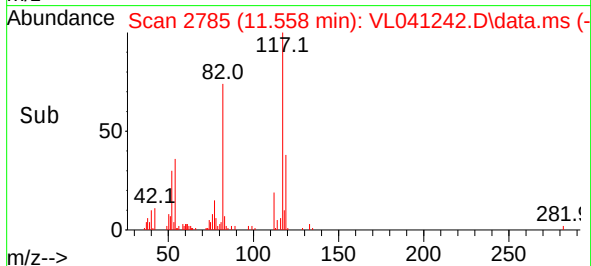
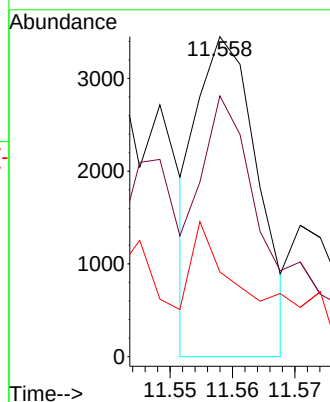
Tgt Ion:112 Resp: 2338

Ion Ratio Lower Upper

112 100

77 58.9 54.9 82.3

114 15.9 28.7 35.1#



#58

Ethyl Benzene

Concen: 0.006 ppbv

RT: 12.127 min Scan# 2962

Delta R.T. 0.016 min

Lab File: VL041242.D

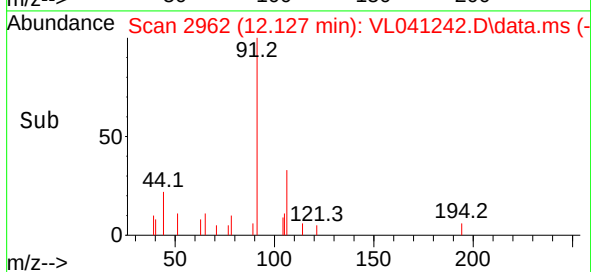
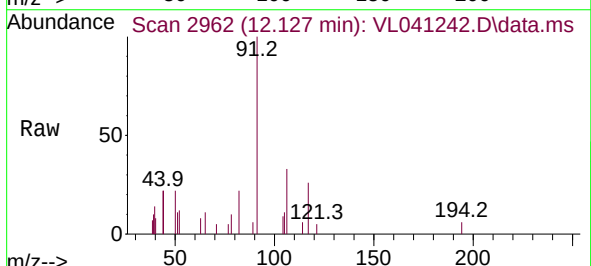
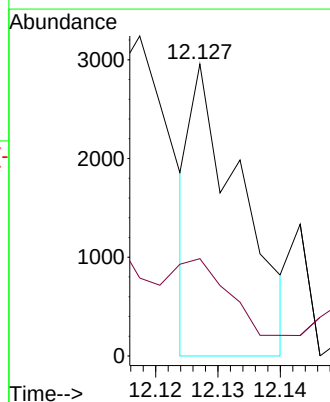
Acq: 8 May 2024 13:51

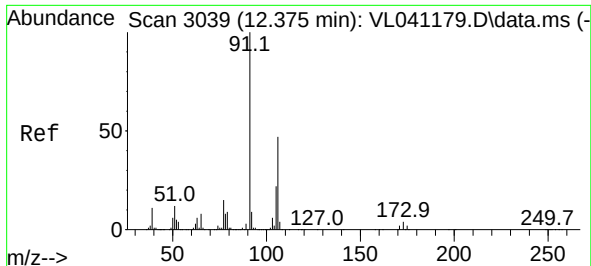
Tgt Ion: 91 Resp: 1630

Ion Ratio Lower Upper

91 100

106 36.3 24.3 36.5





#59

m/p-Xylene

Concen: 0.008 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

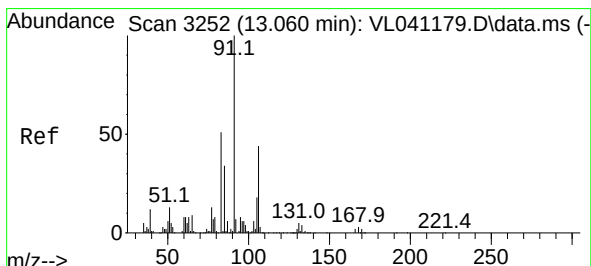
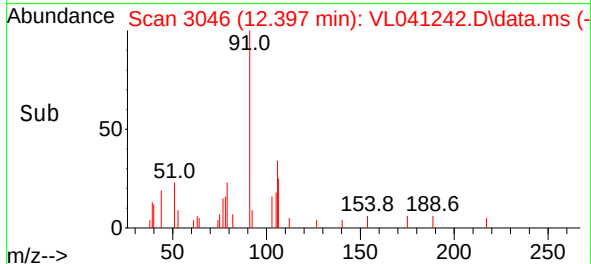
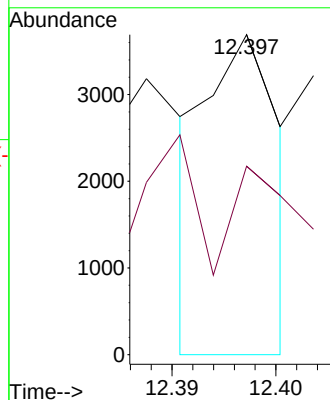
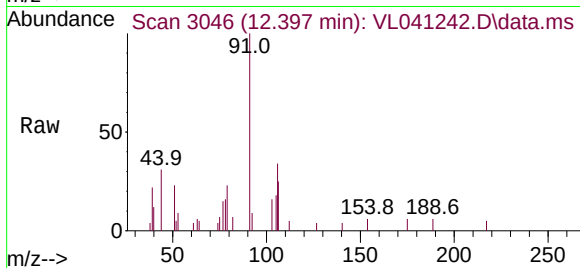
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 91 Resp: 1797

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#



#60

o-Xylene

Concen: 0.012 ppbv

RT: 13.082 min Scan# 3259

Delta R.T. 0.003 min

Lab File: VL041242.D

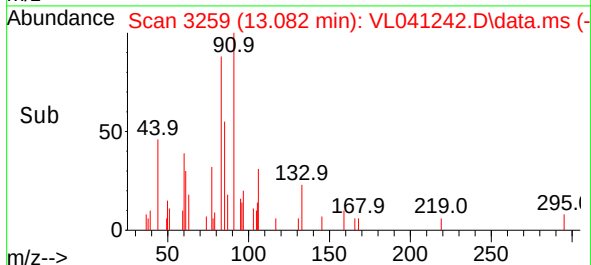
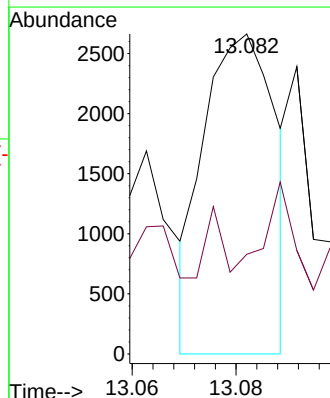
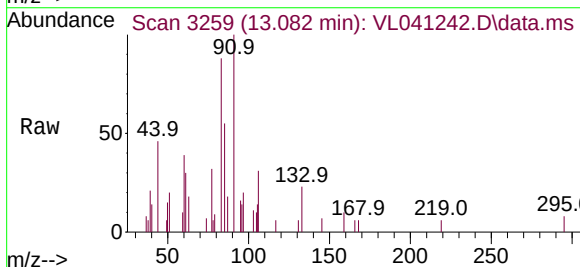
Acq: 8 May 2024 13:51

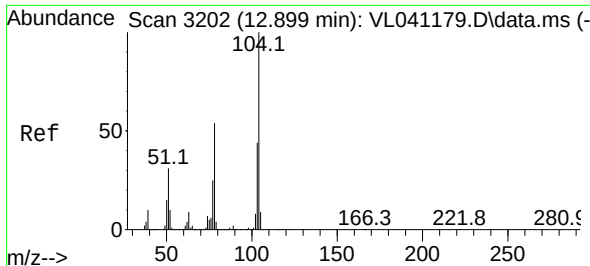
Tgt Ion: 91 Resp: 2542

Ion Ratio Lower Upper

91 100

106 0.0 22.4 67.3#

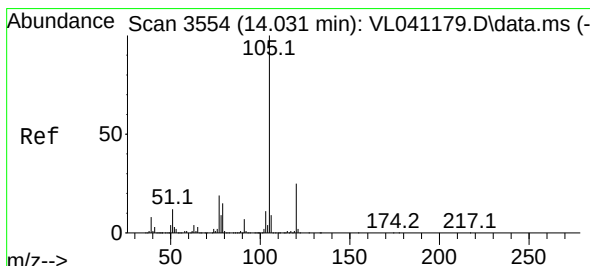
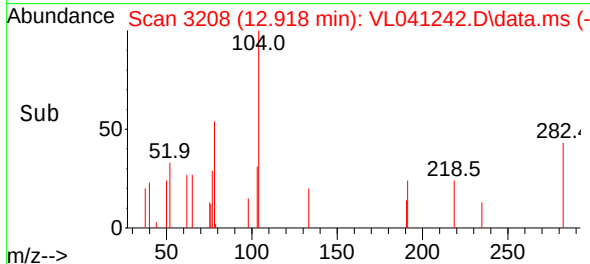
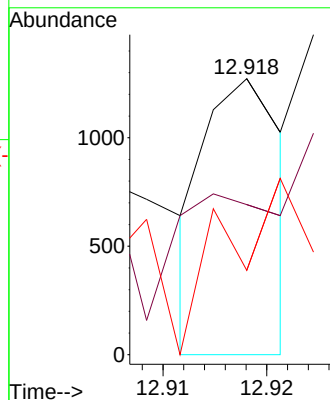
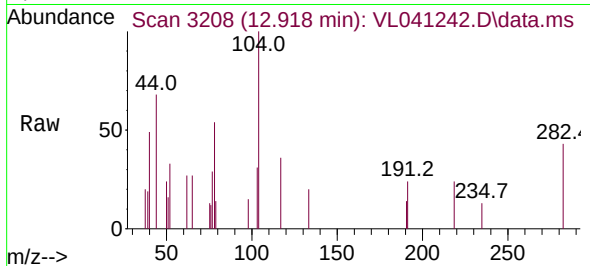




#61
Styrene
Concen: 0.006 ppbv
RT: 12.918 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

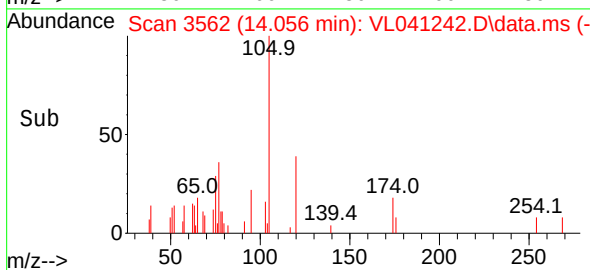
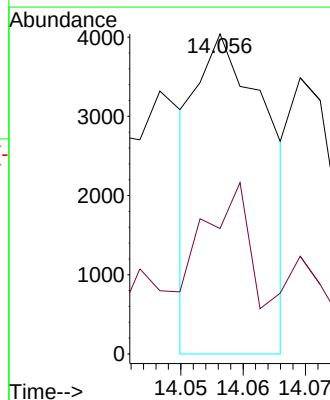
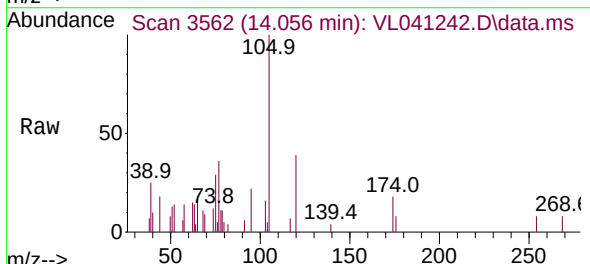
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

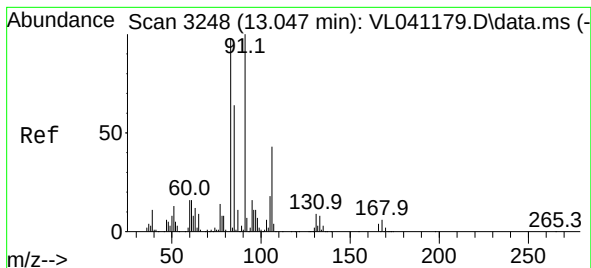
Tgt Ion:104 Resp: 661
Ion Ratio Lower Upper
104 100
78 0.0 42.6 63.8#
103 0.0 38.4 57.6#



#62
Isopropylbenzene
Concen: 0.010 ppbv
RT: 14.056 min Scan# 3562
Delta R.T. 0.006 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion:105 Resp: 3254
Ion Ratio Lower Upper
105 100
120 98.6 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.008 ppbv

RT: 13.069 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

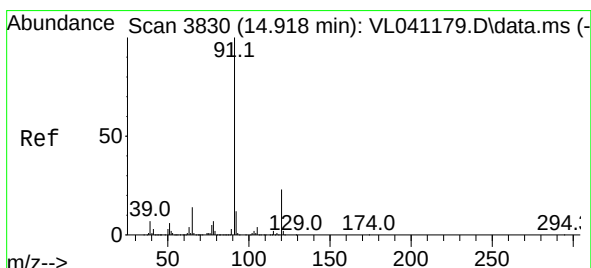
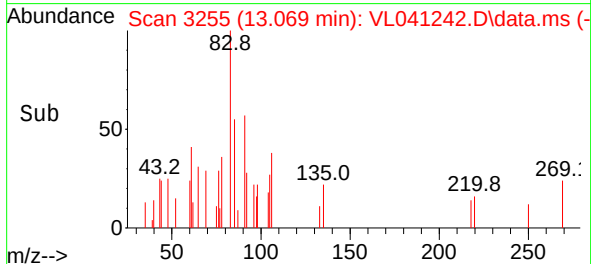
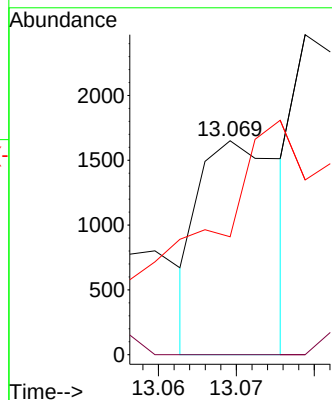
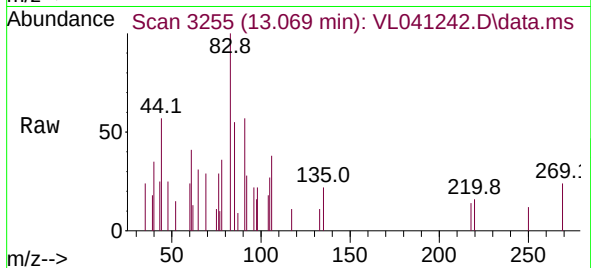
Tgt Ion: 83 Resp: 1191

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.7 98.1#



#64

n-propylbenzene

Concen: 0.001 ppbv

RT: 14.986 min Scan# 3851

Delta R.T. 0.051 min

Lab File: VL041242.D

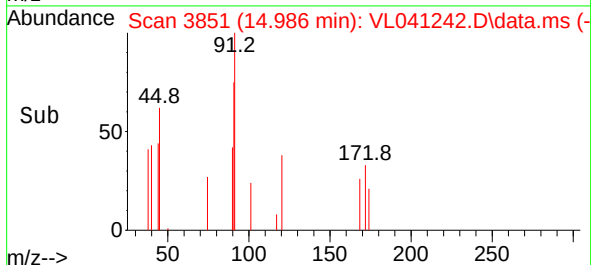
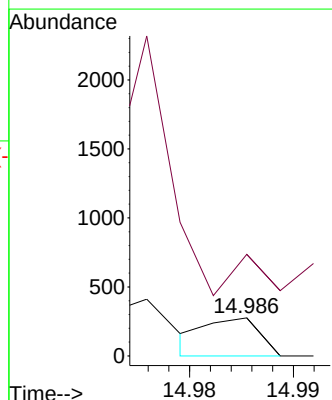
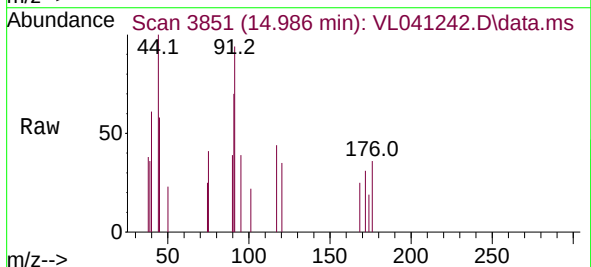
Acq: 8 May 2024 13:51

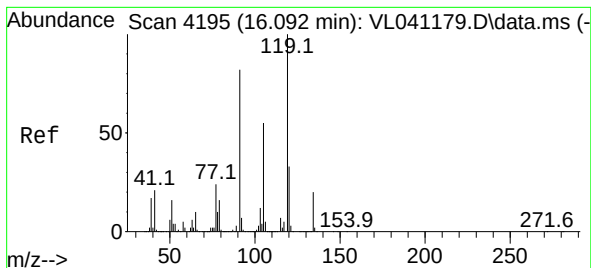
Tgt Ion:120 Resp: 99

Ion Ratio Lower Upper

120 100

91 503.0 384.8 577.2





#65

tert-Butylbenzene

Concen: 0.015 ppbv

RT: 16.117 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

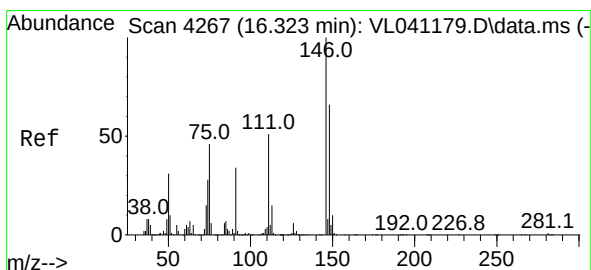
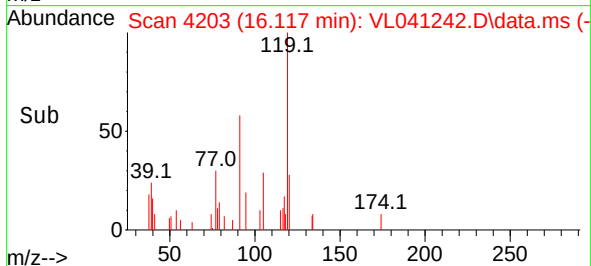
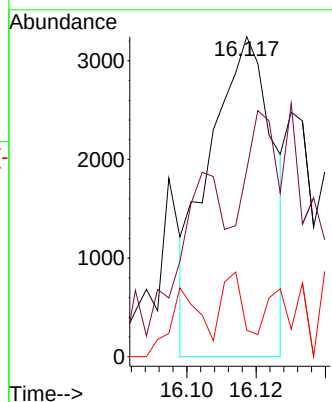
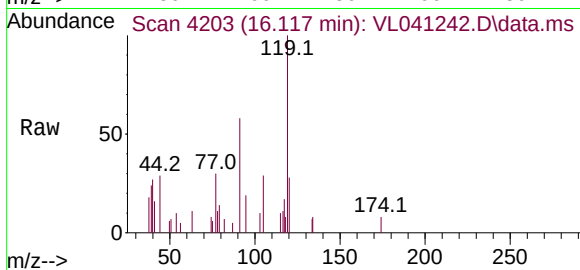
Tgt Ion:119 Resp: 4134

Ion Ratio Lower Upper

119 100

91 0.0 67.0 100.4#

134 0.0 15.2 22.8#



#66

Benzyl Chloride

Concen: 0.003 ppbv

RT: 16.381 min Scan# 4285

Delta R.T. 0.032 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

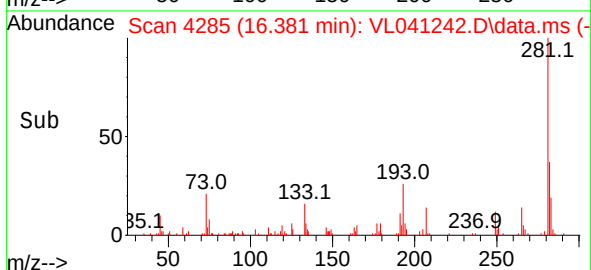
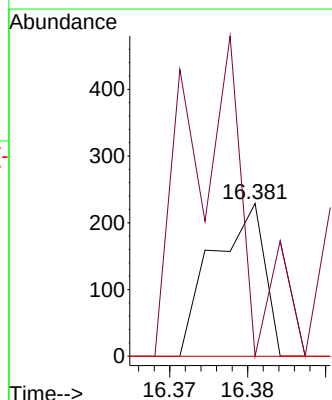
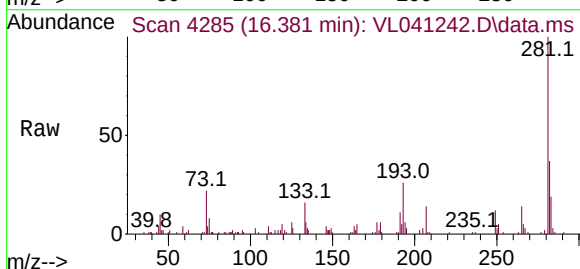
Tgt Ion: 91 Resp: 105

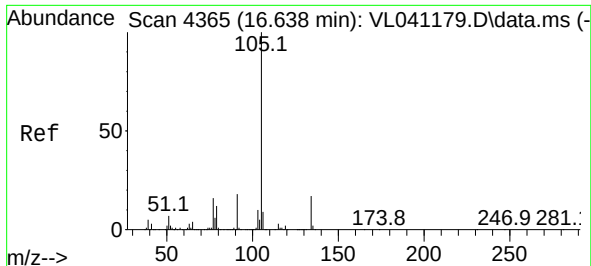
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 0.0 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.004 ppbv

RT: 16.654 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

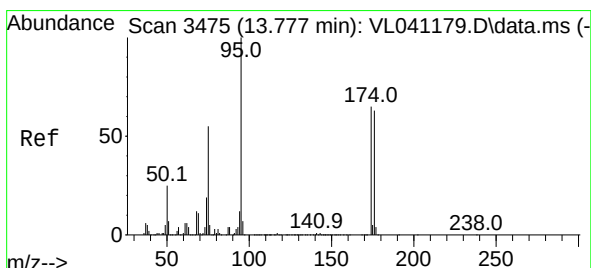
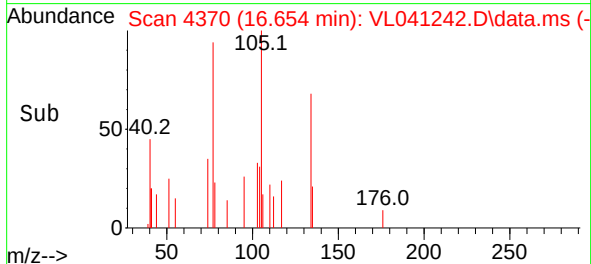
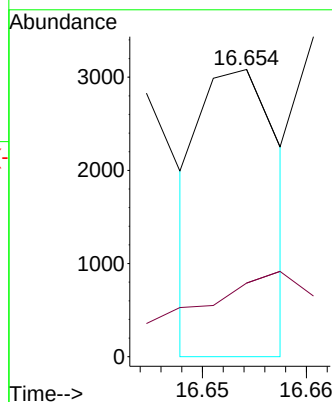
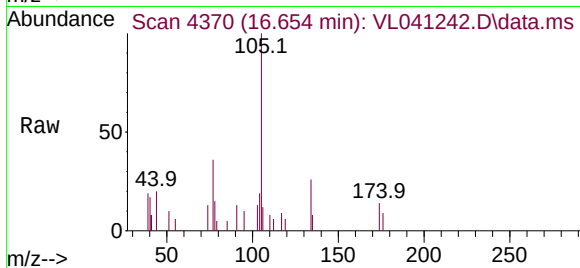
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:105 Resp: 1606

Ion Ratio Lower Upper

105 100

134 0.0 13.8 20.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.117 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.003 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

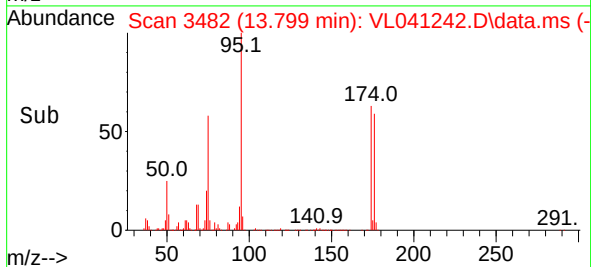
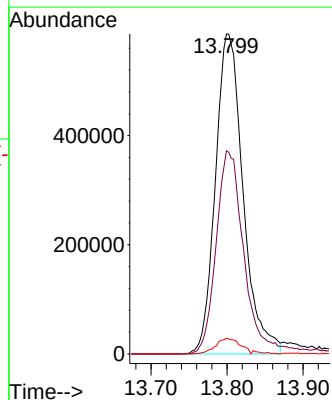
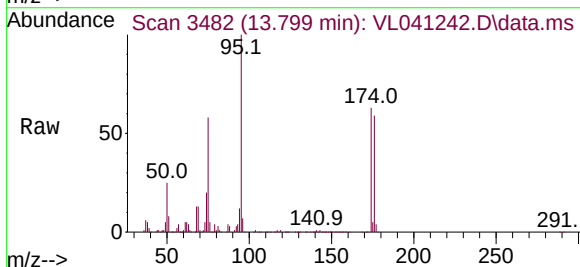
Tgt Ion: 95 Resp: 1482646

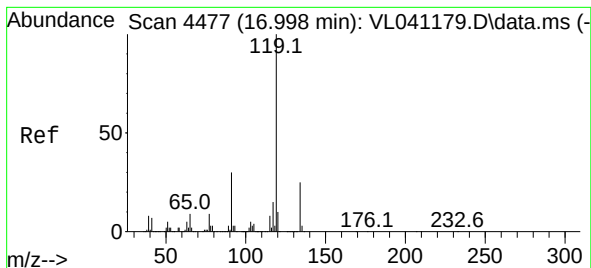
Ion Ratio Lower Upper

95 100

174 65.9 53.6 80.4

175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.006 ppbv

RT: 17.014 min Scan# 4477

Delta R.T. -0.000 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

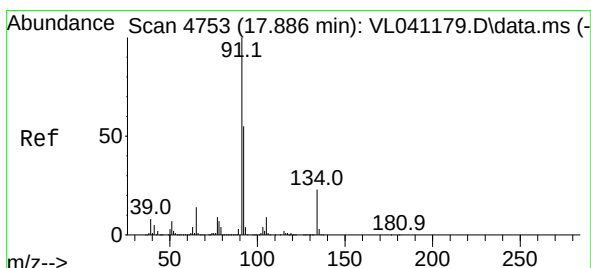
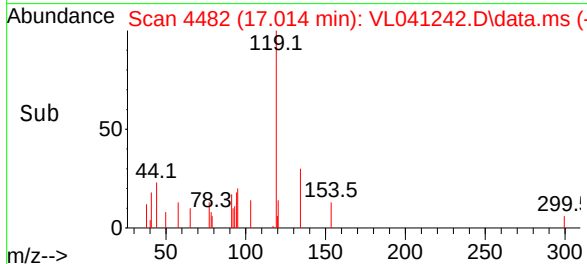
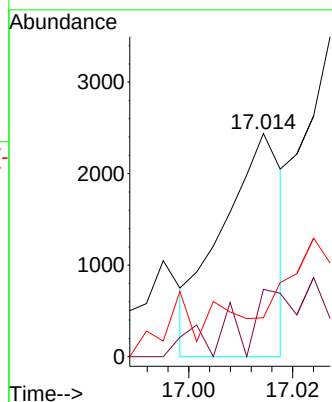
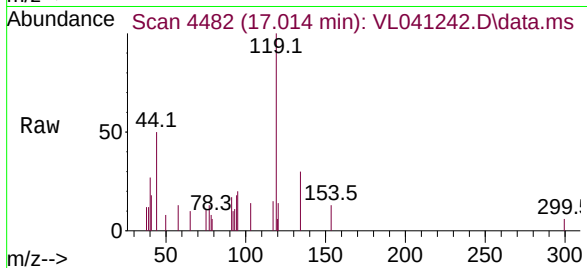
Tgt Ion:119 Resp: 1967

Ion Ratio Lower Upper

119 100

134 0.0 20.1 30.1#

91 0.0 24.2 36.2#



#70

n-Butylbenzene

Concen: 0.008 ppbv

RT: 17.918 min Scan# 4763

Delta R.T. 0.013 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

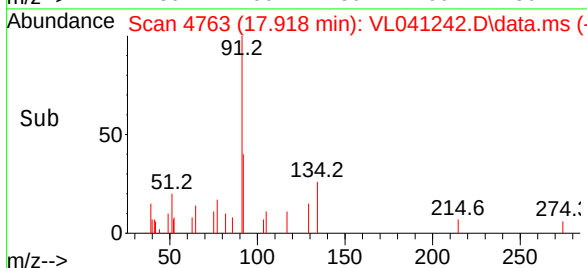
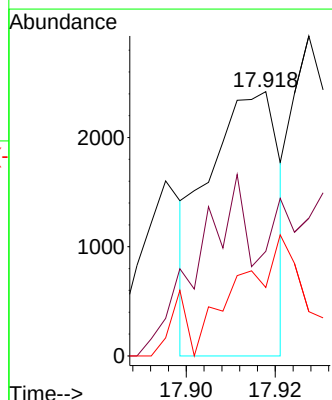
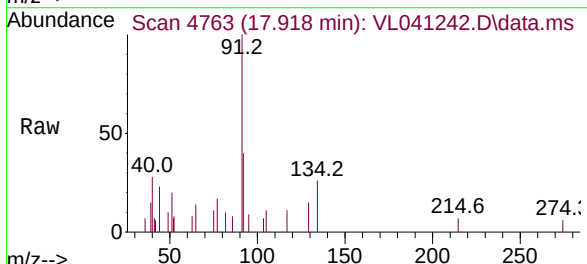
Tgt Ion: 91 Resp: 2691

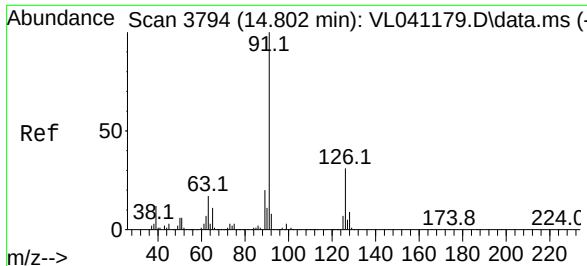
Ion Ratio Lower Upper

91 100

92 0.0 43.3 64.9#

134 77.4 17.8 26.8#

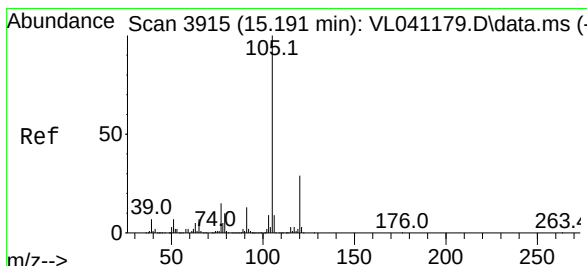
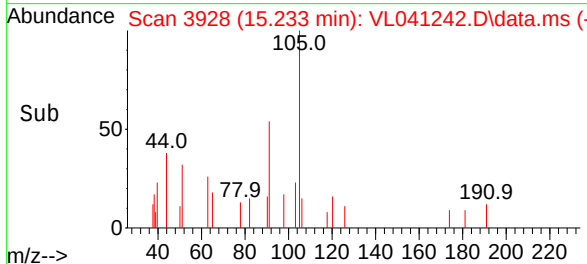
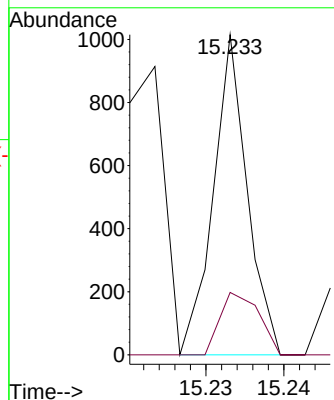
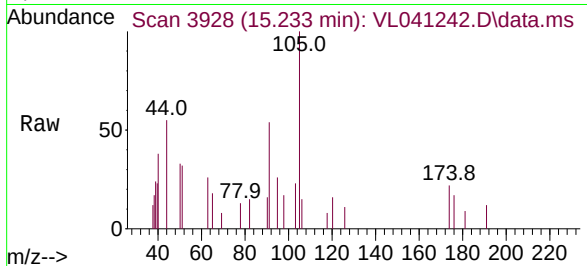




#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 15.233 min Scan# 3928
Delta R.T. 0.411 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

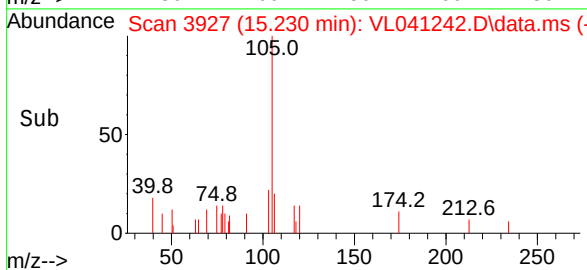
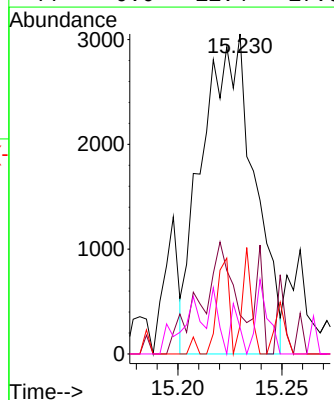
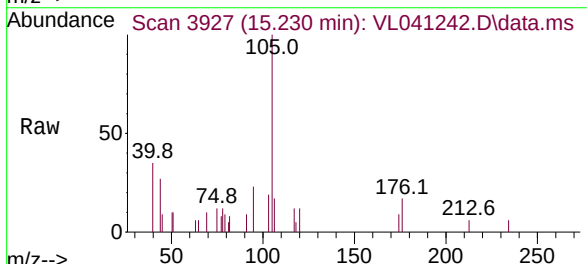
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

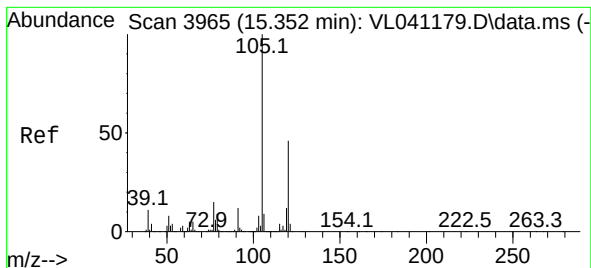
Tgt Ion: 91 Resp: 306
Ion Ratio Lower Upper
91 100
126 22.2 12.2 48.8



#72
4-Ethyltoluene
Concen: 0.022 ppbv
RT: 15.230 min Scan# 3927
Delta R.T. 0.019 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion:105 Resp: 5314
Ion Ratio Lower Upper
105 100
120 31.6 24.7 37.1
91 7.5 10.3 15.5#
77 0.0 11.4 17.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.004 ppbv

RT: 15.378 min Scan# 3965

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Instrument :

MSVOA_1

ClientSampleId :

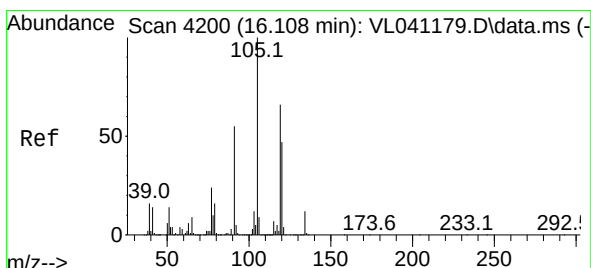
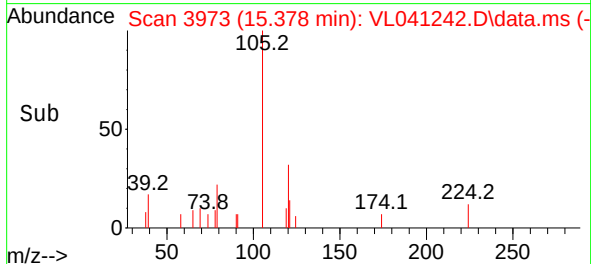
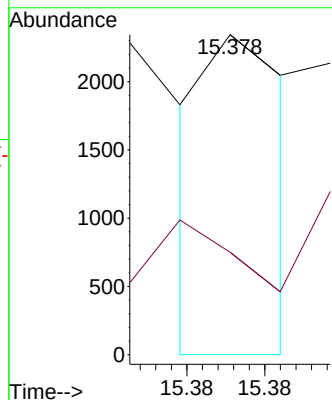
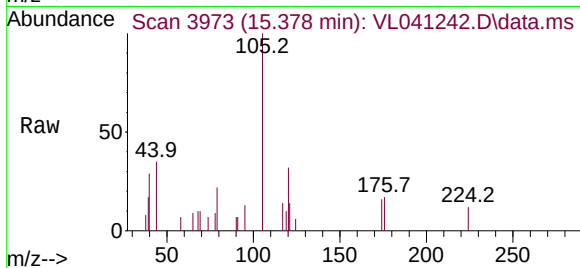
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:105 Resp: 847

Ion Ratio Lower Upper

105 100

120 56.3 37.0 55.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.004 ppbv

RT: 16.133 min Scan# 4208

Delta R.T. 0.006 min

Lab File: VL041242.D

Acq: 8 May 2024 13:51

Tgt Ion:105 Resp: 827

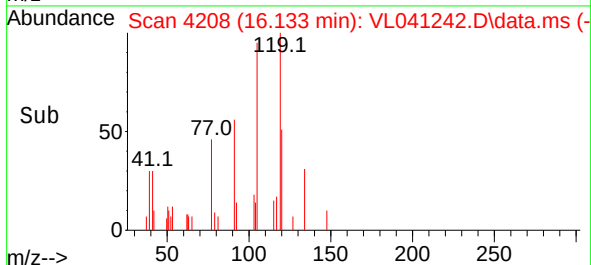
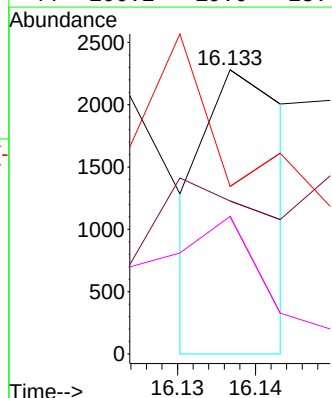
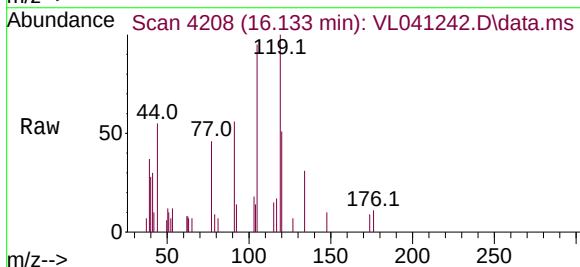
Ion Ratio Lower Upper

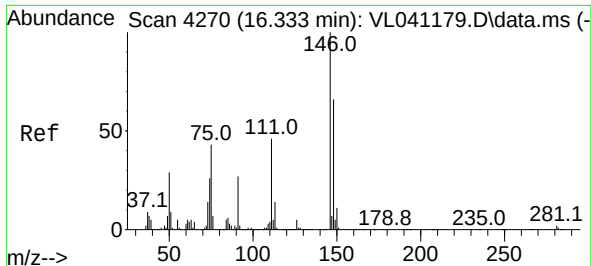
105 100

120 20.2 37.8 56.6#

91 0.0 44.3 66.5#

77 106.2 19.0 28.4#

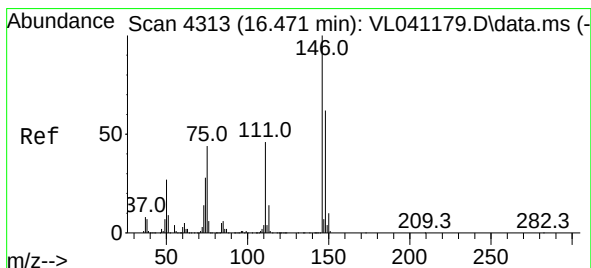
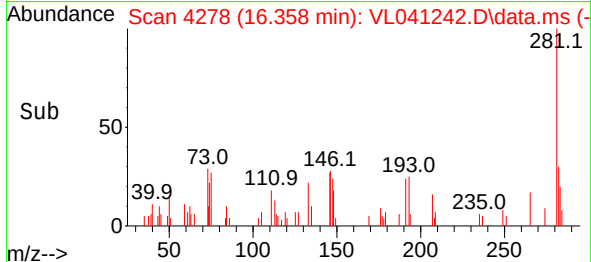
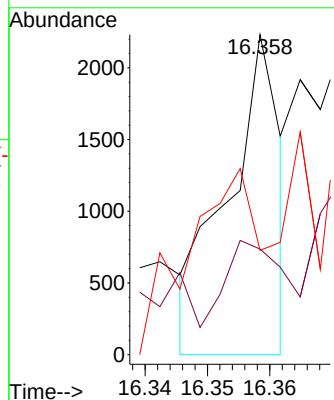
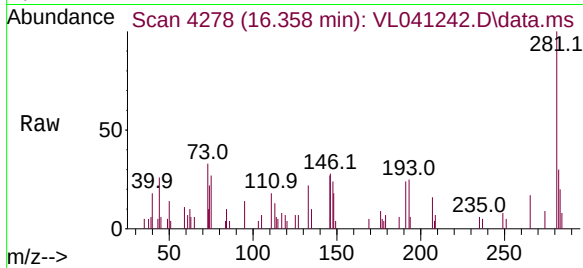




#75
1,3-Dichlorobenzene
Concen: 0.010 ppbv
RT: 16.358 min Scan# 41
Delta R.T. 0.009 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

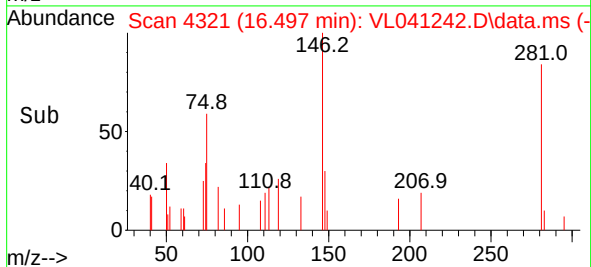
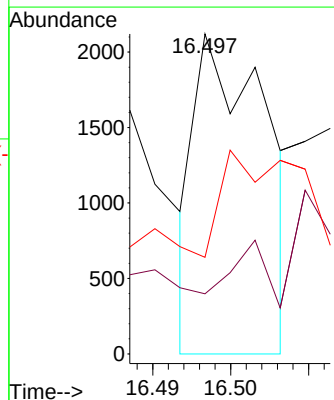
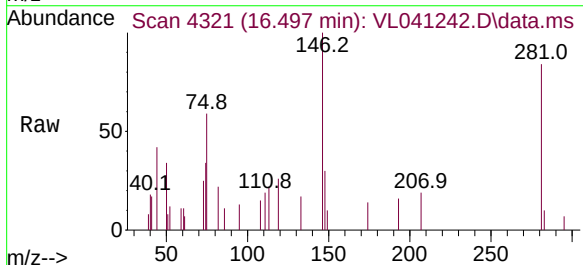
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

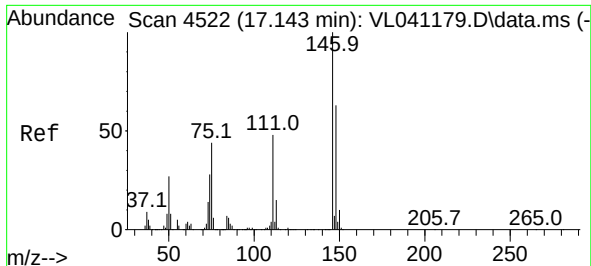
Tgt Ion:146 Resp: 1313
Ion Ratio Lower Upper
146 100
111 0.0 23.7 71.1#
148 0.0 32.5 97.4#



#76
1,4-Dichlorobenzene
Concen: 0.010 ppbv
RT: 16.497 min Scan# 4321
Delta R.T. 0.003 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion:146 Resp: 1343
Ion Ratio Lower Upper
146 100
111 0.0 23.3 69.8#
148 229.6 32.6 97.7#

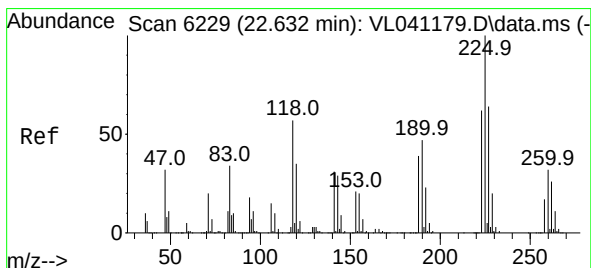
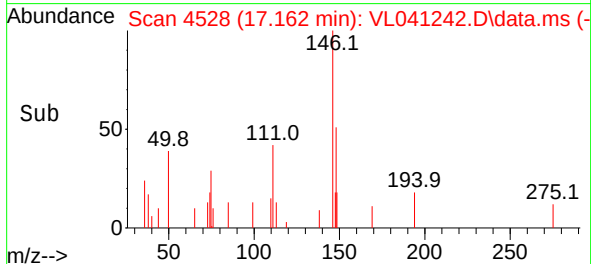
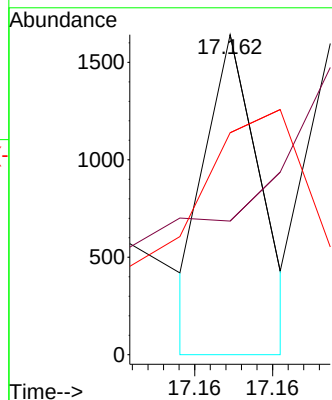
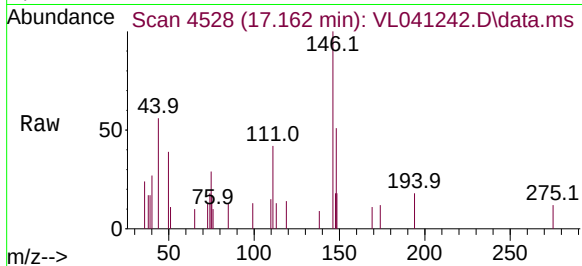




#77
1,2-Dichlorobenzene
Concen: 0.003 ppbv
RT: 17.162 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

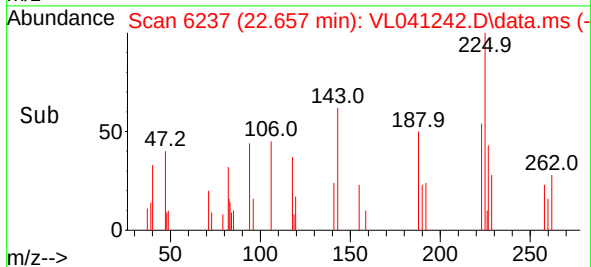
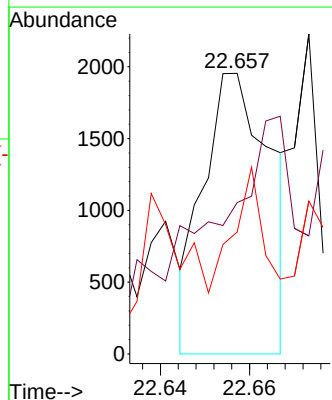
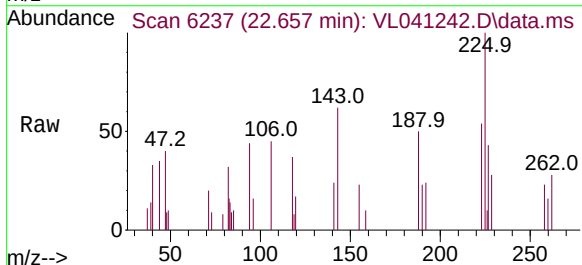
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

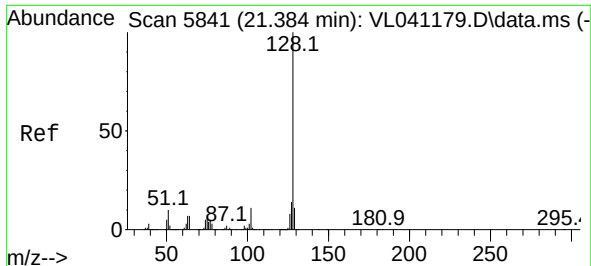
Tgt Ion:146 Resp: 400
Ion Ratio Lower Upper
146 100
111 0.0 24.5 73.5#
148 0.0 32.6 98.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.017 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. -0.000 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion:225 Resp: 2033
Ion Ratio Lower Upper
225 100
223 0.0 50.9 76.3#
227 0.0 52.0 78.0#

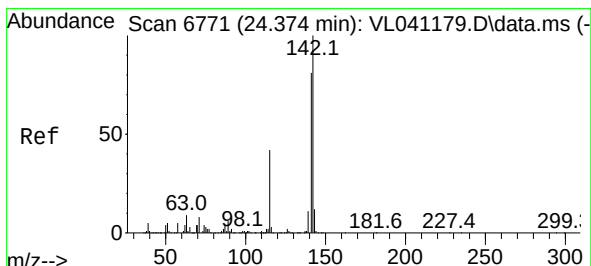
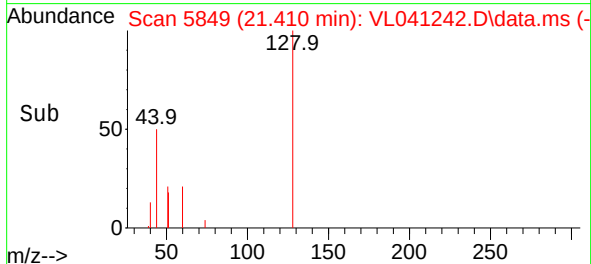
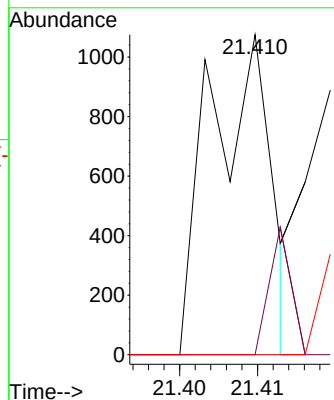
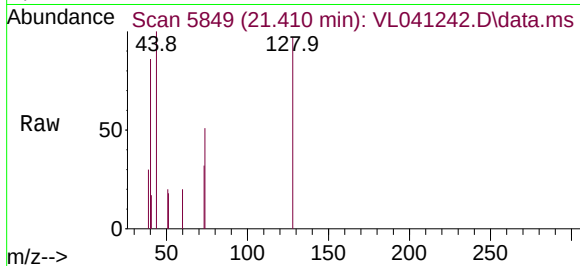




#79
Naphthalene
Concen: 0.003 ppbv
RT: 21.410 min Scan# 5841
Delta R.T. 0.006 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

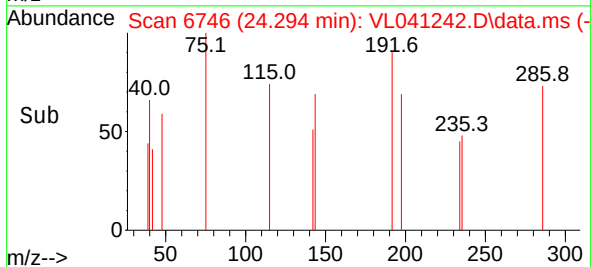
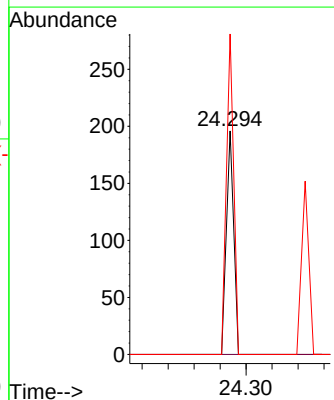
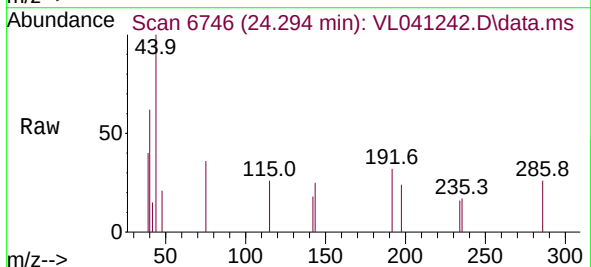
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

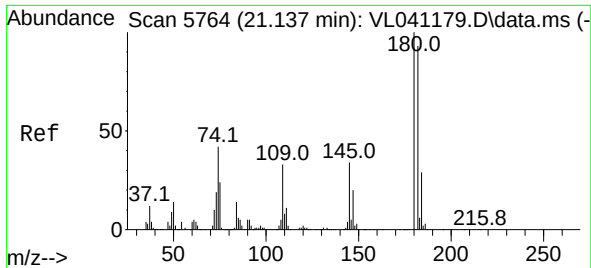
Tgt Ion:128 Resp: 583
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.9 13.3#



#80
Naphthalene,2-methyl-
Concen: 0.000 ppbv
RT: 24.294 min Scan# 6746
Delta R.T. -0.097 min
Lab File: VL041242.D
Acq: 8 May 2024 13:51

Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
141 0.0 67.9 101.9#
115 142.1 31.4 47.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.004 ppbv

RT: 21.169 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041242.D

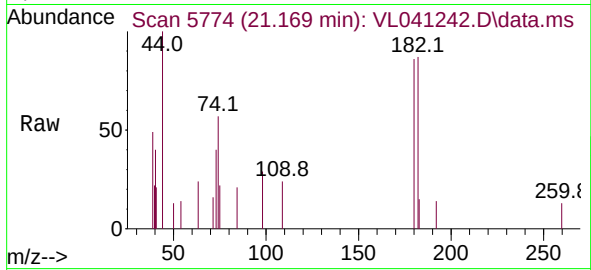
Acq: 8 May 2024 13:51

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion:180 Resp: 449

Ion Ratio Lower Upper

180 100

182 199.6 77.2 115.8#

184 0.0 24.6 36.8#

