

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041239.D
 Acq On : 8 May 2024 11:56
 Operator : SY/MD
 Sample : P2403-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 09 04:49:45 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	801683	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2212838	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2031753	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1549552	10.102	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	69372	0.640	ppbv	94
3) Chlorodifluoromethane	2.700	51	65666	0.539	ppbv	98
4) Chloromethane	2.835	50	24673	0.516	ppbv	90
5) Vinyl Chloride	2.944	62	22800	0.475	ppbv	99
6) Bromomethane	3.140	94	6414	0.366	ppbv #	81
7) Chloroethane	3.221	64	8982	0.530	ppbv	93
8) Dichlorotetrafluoroethane	2.880	85	59079	0.526	ppbv	95
9) Propene	2.716	41	23211	0.487	ppbv	96
10) Heptane	7.606	43	48360	0.419	ppbv	88
11) Trichlorofluoromethane	3.581	101	58578	0.532	ppbv	85
12) 1,1,2-Trichlorotrifluo...	4.086	101	39733	0.488	ppbv	92
13) Ethanol	3.282	45	5100	0.477	ppbv	98
14) Bromoethene	3.388	108	15362	0.457	ppbv #	85
15) Acetone	3.507	43	54710	0.578	ppbv	92
16) 1,3-Butadiene	3.005	39	18369	0.385	ppbv #	74
17) tert-Butyl alcohol	3.912	59	39331	0.385	ppbv	96
18) 1,1-Dichloroethene	3.902	96	17978	0.495	ppbv	84
19) Isopropyl Alcohol	3.610	45	9135	0.147	ppbv #	58
20) Methylene Chloride	3.954	84	19749	0.600	ppbv #	94
21) Allyl Chloride	4.015	41	26080	0.423	ppbv #	81
22) trans-1,2-Dichloroethene	4.468	96	17089	0.452	ppbv	88
23) Vinyl Acetate	4.655	43	34747	0.334	ppbv #	90
24) 1,1-Dichloroethane	4.584	63	42182	0.521	ppbv	97
25) Ethyl Acetate	5.240	43	80493	0.426	ppbv #	95
26) Hexane	5.234	57	20085	0.238	ppbv #	1
27) Carbon Disulfide	4.150	76	42510	0.426	ppbv #	82
28) Methyl tert-Butyl Ether	4.619	73	29579	0.441	ppbv #	89
29) Chloroform	5.295	83	62456	0.537	ppbv	93
30) Cyclohexane	6.629	84	19271	0.289	ppbv #	42
31) cis-1,2-Dichloroethene	5.102	61	35163	0.446	ppbv	88
32) 1,1,1-Trichloroethane	6.028	97	55116	0.475	ppbv	94
34) 2-Butanone	4.825	43	45545	0.404	ppbv #	88
35) Carbon Tetrachloride	6.516	117	54161	0.436	ppbv	93
36) Benzene	6.394	78	80294	0.432	ppbv #	94
37) 1,2-Dichloroethane	5.828	62	43808	0.452	ppbv #	95
38) Trichloroethene	7.317	130	31413	0.454	ppbv	90
39) 1,2-Dichloropropane	7.095	63	28571	0.399	ppbv	90
41) Tetrahydrofuran	5.607	42	16933	0.208	ppbv #	43
42) Bromodichloromethane	7.272	83	64823	0.466	ppbv	97
43) Methyl Methacrylate	7.504	69	26681	0.355	ppbv	92
44) 2,2,4-Trimethylpentane	7.352	57	82852	0.259	ppbv #	49
45) t-1,3-Dichloropropene	8.748	75	4870	0.089	ppbv	100
46) cis-1,3-Dichloropropene	8.166	75	15280	0.229	ppbv	96

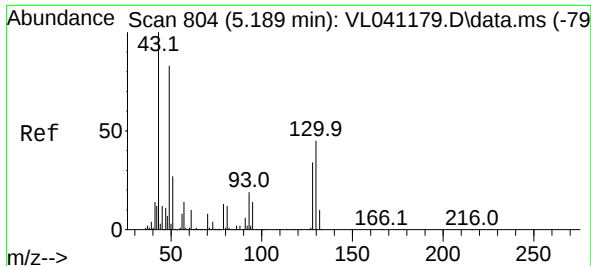
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041239.D
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Quant Time: May 09 04:49:45 2024
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

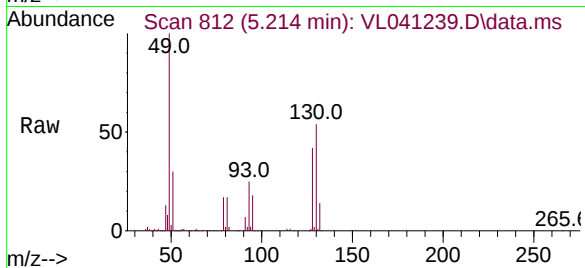
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.922	97	17861	0.249	ppbv	97
48) Dibromochloromethane	9.732	129	48460	0.425	ppbv	100
49) Bromoform	12.429	173	35499	0.366	ppbv	98
50) 4-Methyl-2-Pentanone	8.227	43	72856	0.360	ppbv	96
51) 2-Hexanone	9.603	43	28486	0.190	ppbv #	29
52) Tetrachloroethene	10.632	164	10431	0.160	ppbv	87
53) Toluene	9.243	91	88002	0.409	ppbv	99
54) 1,2-Dibromoethane	10.034	107	44295	0.457	ppbv	87
56) 1,1,1,2-Tetrachloroethane	11.536	131	34232	0.416	ppbv #	59
57) Chlorobenzene	11.552	112	77118	0.518	ppbv #	92
58) Ethyl Benzene	12.114	91	119605	0.429	ppbv	97
59) m/p-Xylene	12.397	91	19455	0.083	ppbv #	31
60) o-Xylene	13.085	91	54043	0.246	ppbv #	41
61) Styrene	12.928	104	43599	0.376	ppbv	99
62) Isopropylbenzene	14.060	105	155892	0.475	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	29768	0.199	ppbv #	24
64) n-propylbenzene	14.947	120	36838	0.450	ppbv	83
65) tert-Butylbenzene	16.114	119	131000	0.446	ppbv	95
66) Benzyl Chloride	16.352	91	1615	0.049	ppbv #	56
67) sec-Butylbenzene	16.664	105	190806	0.461	ppbv	97
69) p-Isopropyltoluene	17.021	119	150831	0.442	ppbv	97
70) n-Butylbenzene	17.915	91	147254	0.413	ppbv	97
71) 2-Chlorotoluene	14.825	91	112984	0.452	ppbv	97
72) 4-Ethyltoluene	15.217	105	39324	0.158	ppbv #	8
73) 1,3,5-Trimethylbenzene	15.381	105	96213	0.428	ppbv	98
74) 1,2,4-Trimethylbenzene	16.137	105	111370	0.453	ppbv #	94
75) 1,3-Dichlorobenzene	16.362	146	41895	0.297	ppbv #	50
76) 1,4-Dichlorobenzene	16.500	146	59791	0.441	ppbv	89
77) 1,2-Dichlorobenzene	17.172	146	62813	0.446	ppbv	91
78) Hexachloro-1,3-Butadiene	22.667	225	13271	0.106	ppbv #	1
79) Naphthalene	21.419	128	29143	0.125	ppbv #	93
81) 1,2,4-Trichlorobenzene	21.175	180	34368	0.278	ppbv #	74

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

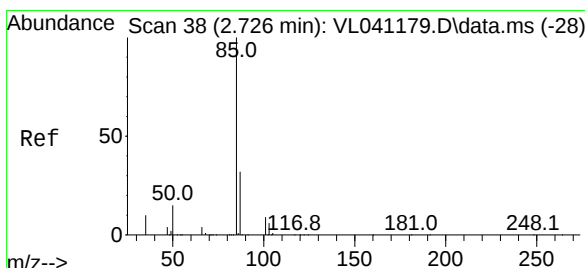
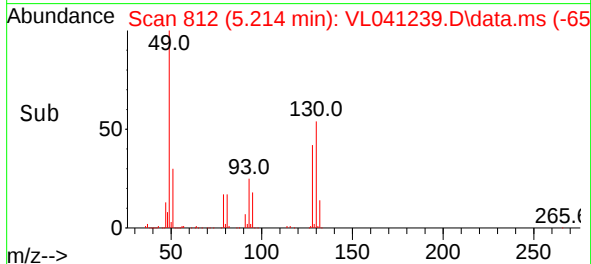
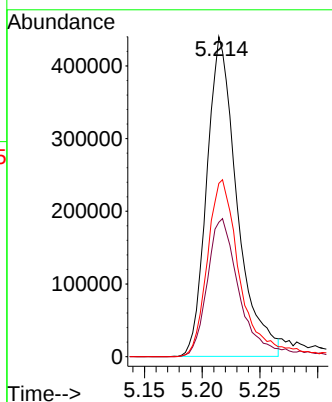


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.214 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56

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

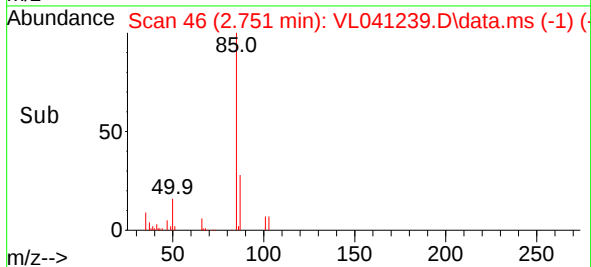
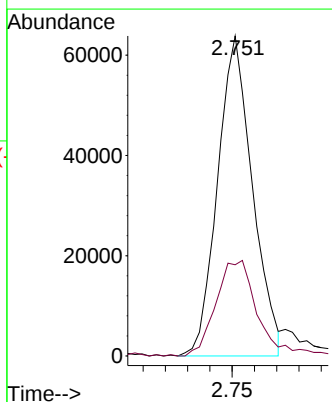
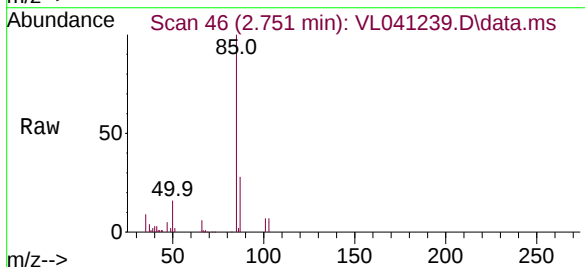


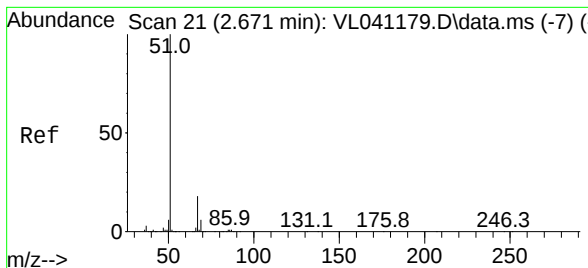
Tgt Ion: 49 Resp: 801683
 Ion Ratio Lower Upper
 49 100
 128 48.2 21.5 64.5
 130 61.2 27.2 81.6



#2
 Dichlorodifluoromethane
 Concen: 0.640 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.006 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56

Tgt Ion: 85 Resp: 69372
 Ion Ratio Lower Upper
 85 100
 87 28.5 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.539 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

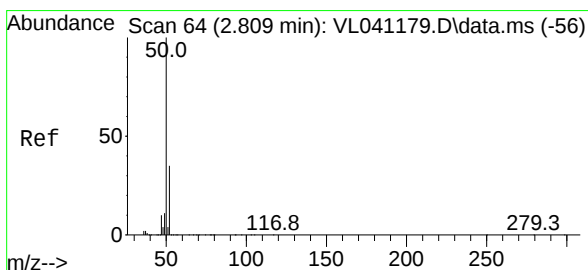
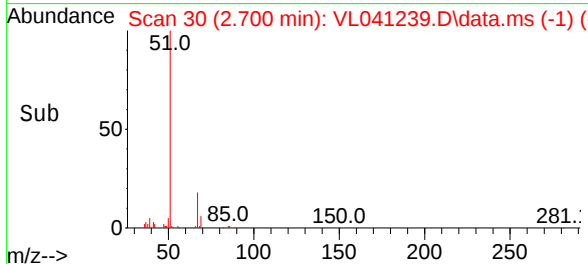
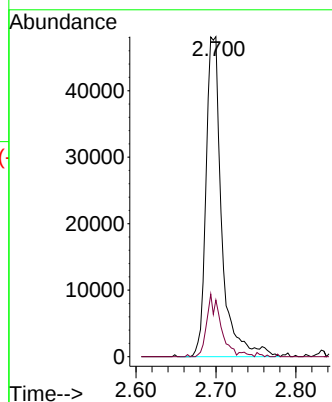
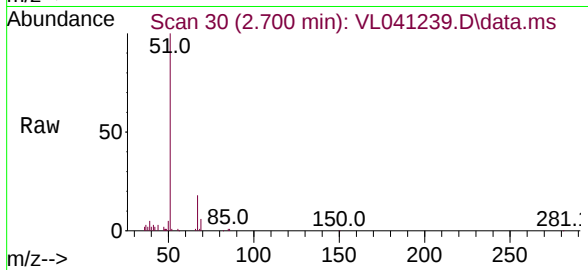
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 51 Resp: 65666

Ion Ratio Lower Upper

51 100

67 18.5 14.0 21.0



#4

Chloromethane

Concen: 0.516 ppbv

RT: 2.835 min Scan# 72

Delta R.T. 0.003 min

Lab File: VL041239.D

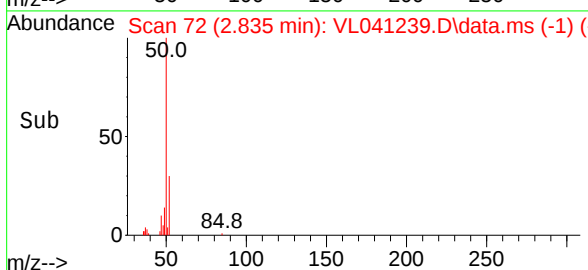
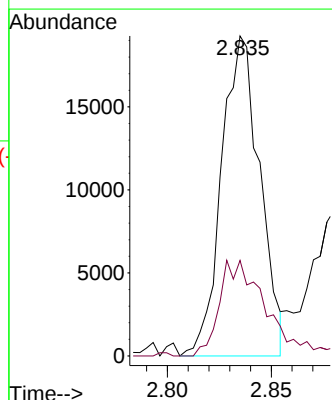
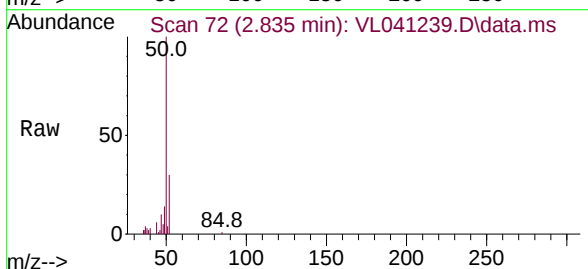
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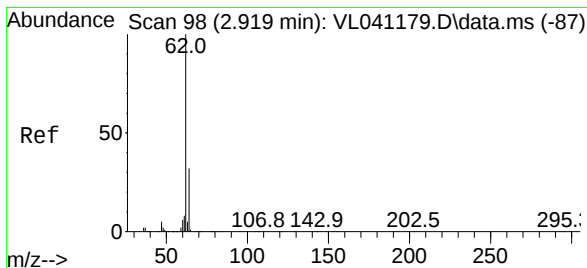
Tgt Ion: 50 Resp: 24673

Ion Ratio Lower Upper

50 100

52 29.8 28.3 42.5

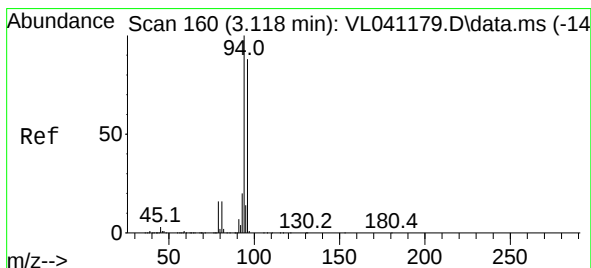
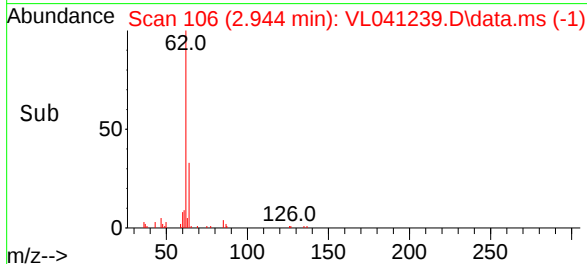
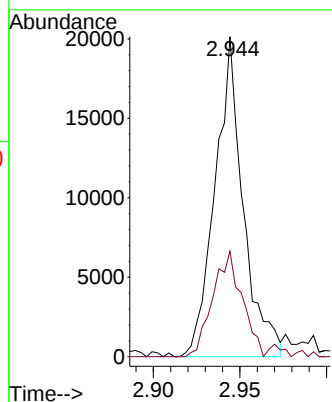
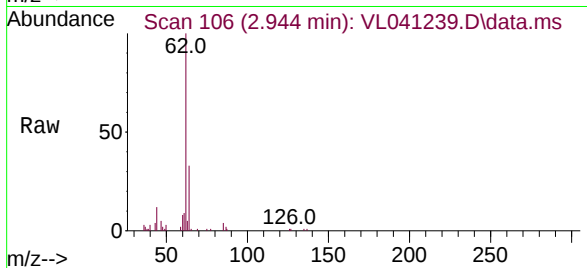




#5
 Vinyl Chloride
 Concen: 0.475 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56

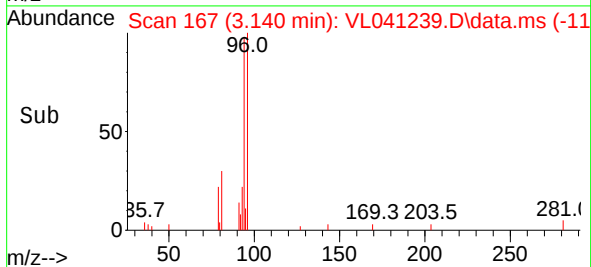
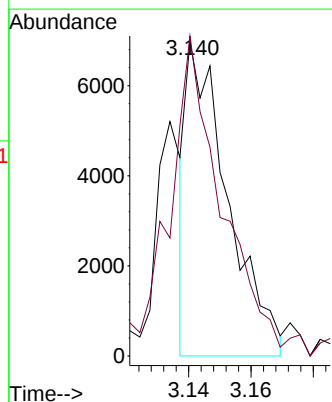
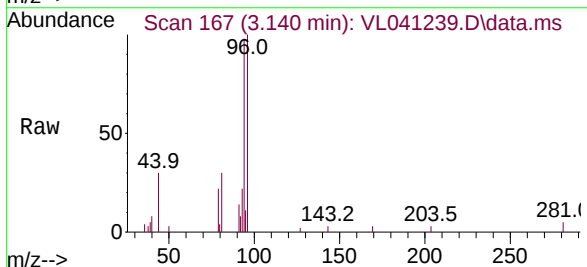
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

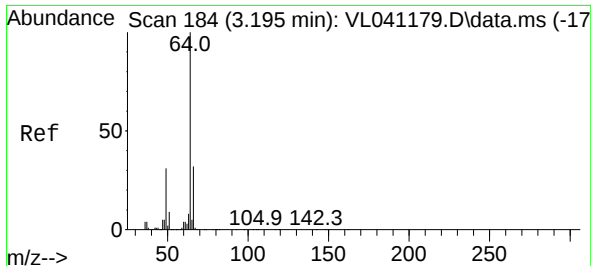
Tgt Ion: 62 Resp: 22800
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.7 38.5



#6
 Bromomethane
 Concen: 0.366 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.003 min
 Lab File: VL041239.D
 Acq: 8 May 2024 11:56

Tgt Ion: 94 Resp: 6414
 Ion Ratio Lower Upper
 94 100
 96 105.5 70.1 105.1#

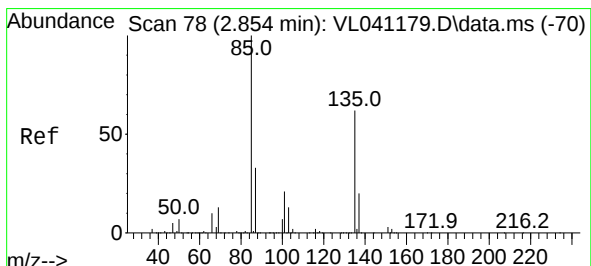
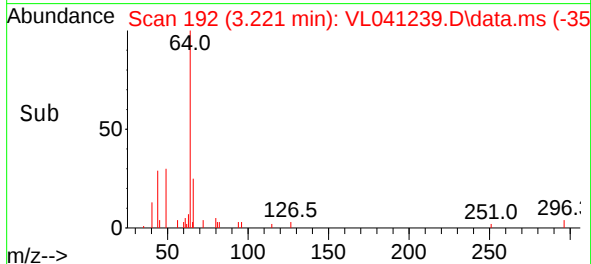
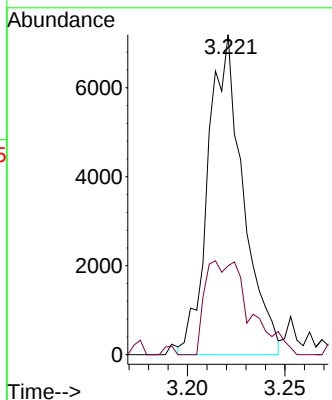
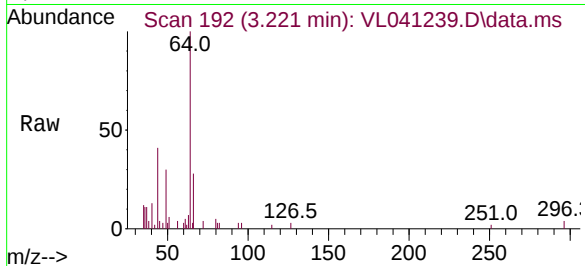




#7
Chloroethane
Concen: 0.530 ppbv
RT: 3.221 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

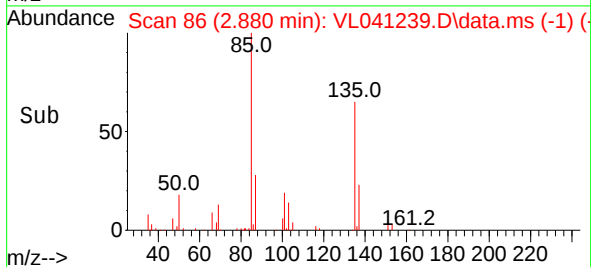
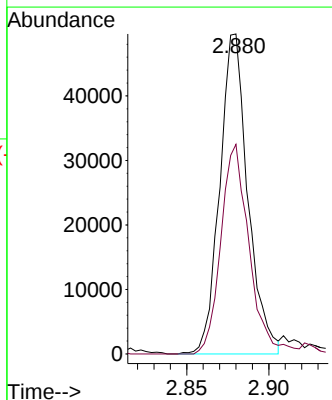
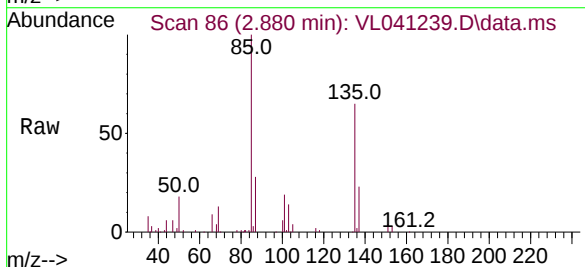
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

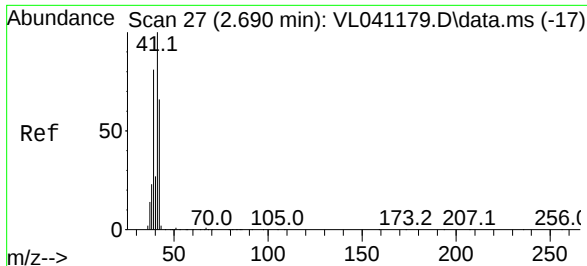
Tgt Ion: 64 Resp: 8982
Ion Ratio Lower Upper
64 100
66 27.8 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 0.526 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 85 Resp: 59079
Ion Ratio Lower Upper
85 100
135 68.6 51.5 77.3





#9

Propene

Concen: 0.487 ppbv

RT: 2.716 min Scan# 30

Delta R.T. 0.006 min

Lab File: VL041239.D

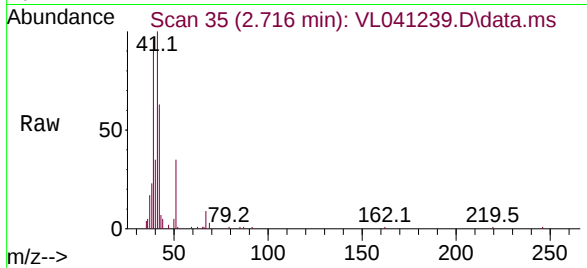
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MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

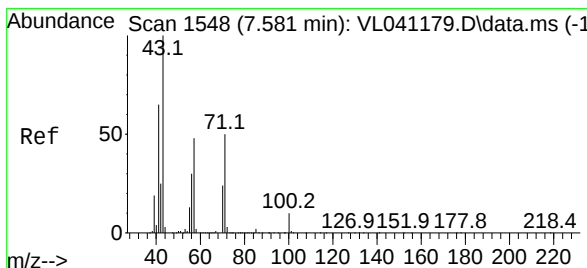
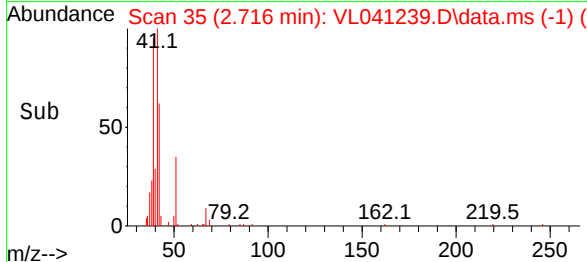
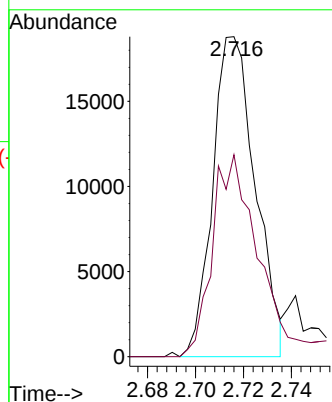


Tgt Ion: 41 Resp: 23211

Ion Ratio Lower Upper

41 100

42 72.2 55.3 82.9



#10

Heptane

Concen: 0.419 ppbv

RT: 7.606 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VL041239.D

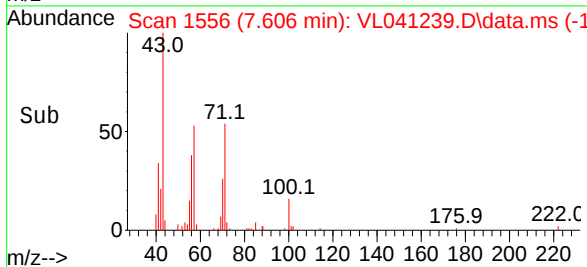
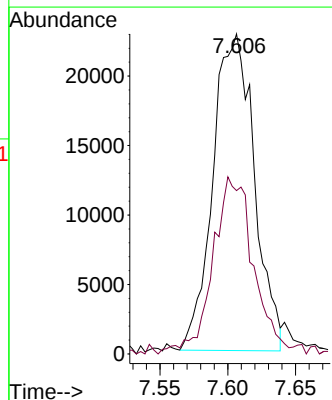
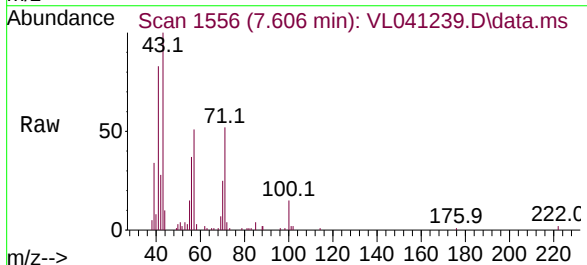
Acq: 8 May 2024 11:56

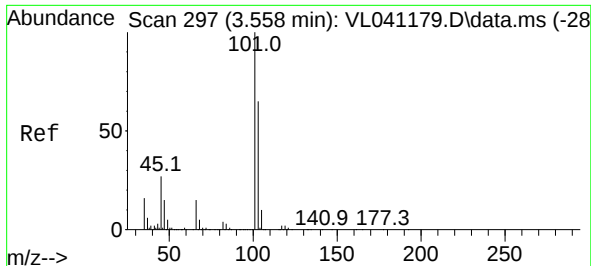
Tgt Ion: 43 Resp: 48360

Ion Ratio Lower Upper

43 100

57 56.7 38.7 58.1

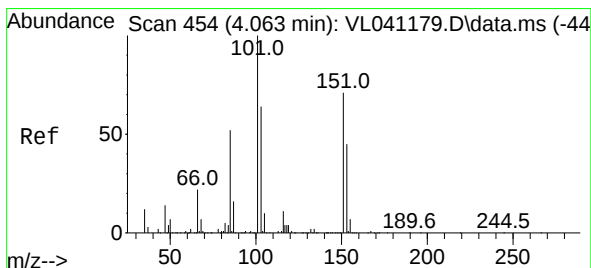
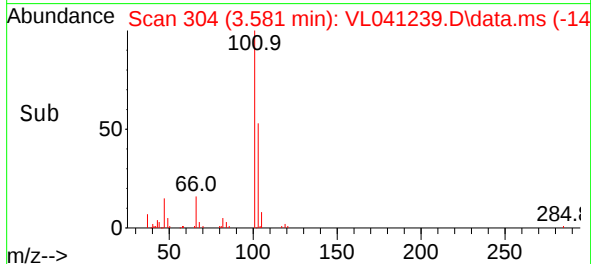
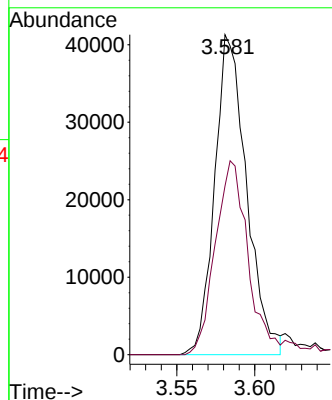
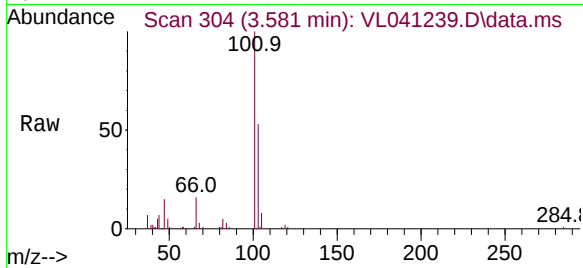




#11
Trichlorofluoromethane
Concen: 0.532 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

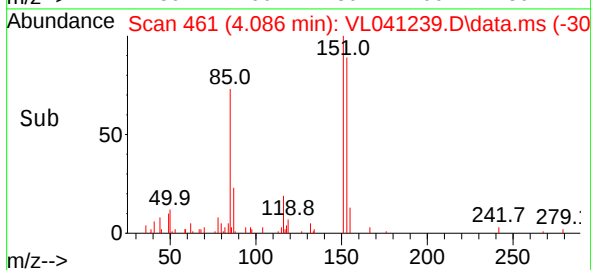
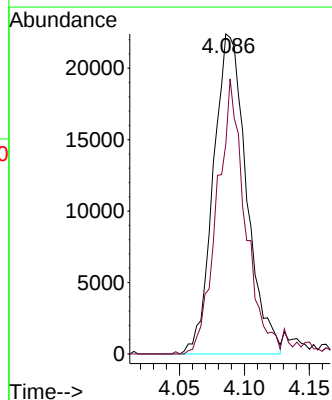
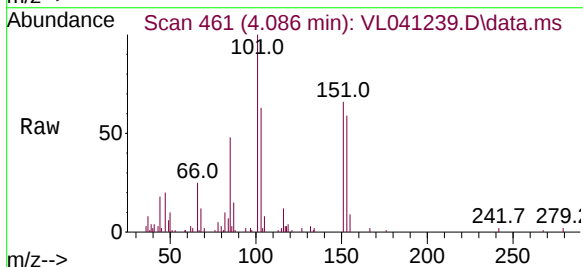
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

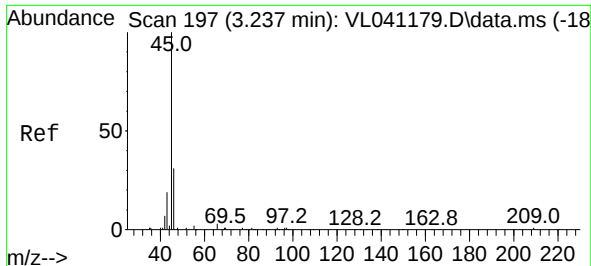
Tgt Ion:101 Resp: 58578
Ion Ratio Lower Upper
101 100
103 52.7 51.6 77.4



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.488 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion:101 Resp: 39733
Ion Ratio Lower Upper
101 100
151 77.4 56.8 85.2





#13

Ethanol

Concen: 0.477 ppbv

RT: 3.282 min Scan# 211

Delta R.T. 0.026 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

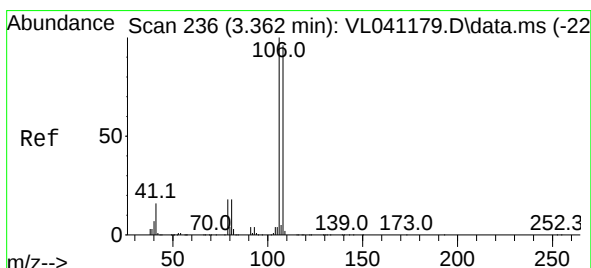
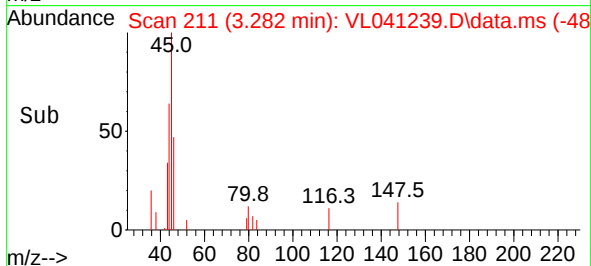
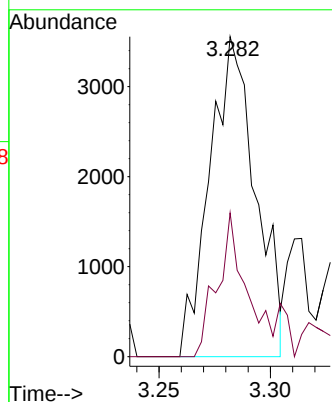
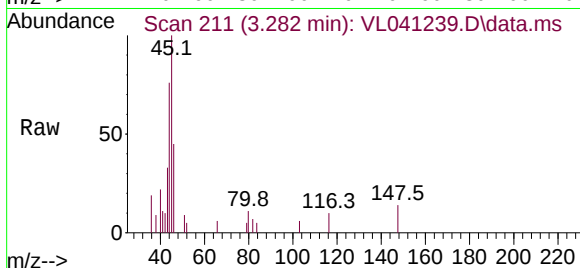
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 45 Resp: 5100

Ion Ratio Lower Upper

45 100

46 38.2 14.8 59.0



#14

Bromoethene

Concen: 0.457 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

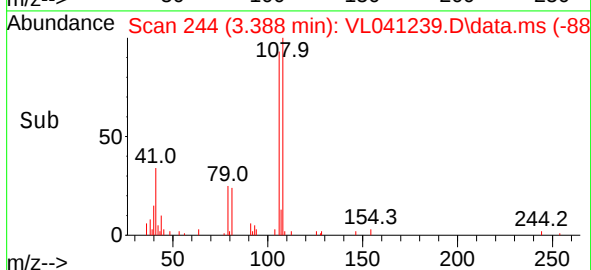
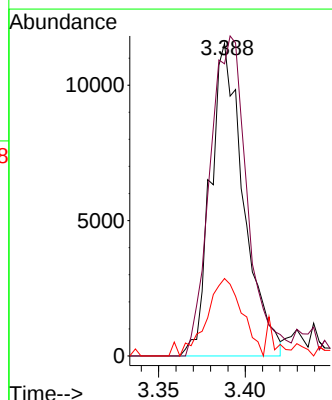
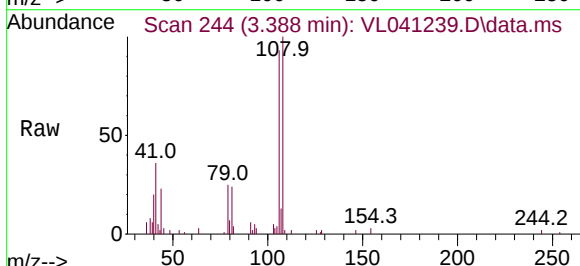
Tgt Ion:108 Resp: 15362

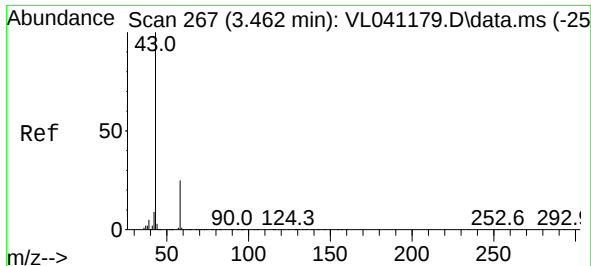
Ion Ratio Lower Upper

108 100

106 123.9 88.2 132.4

79 32.5 17.4 26.0#





#15

Acetone

Concen: 0.578 ppbv

RT: 3.507 min Scan# 21

Delta R.T. 0.022 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

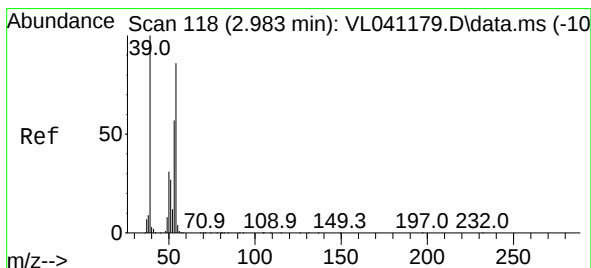
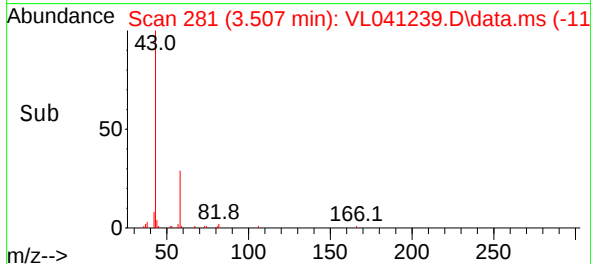
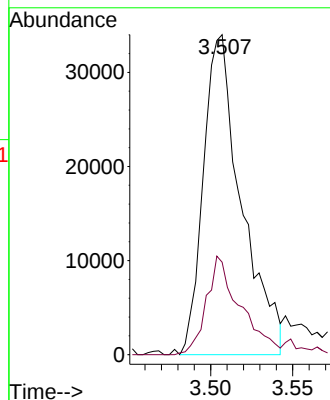
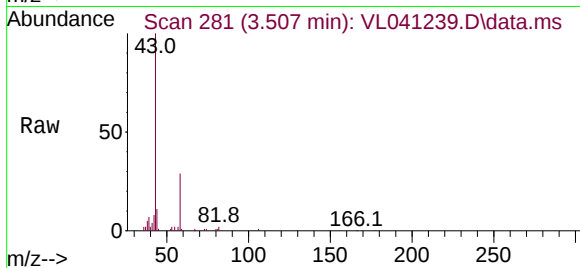
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 43 Resp: 54710

Ion Ratio Lower Upper

43 100

58 30.9 21.4 32.0



#16

1,3-Butadiene

Concen: 0.385 ppbv

RT: 3.005 min Scan# 125

Delta R.T. 0.003 min

Lab File: VL041239.D

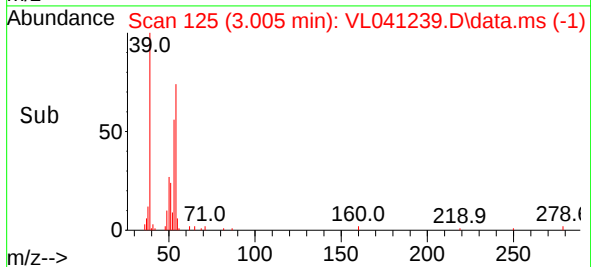
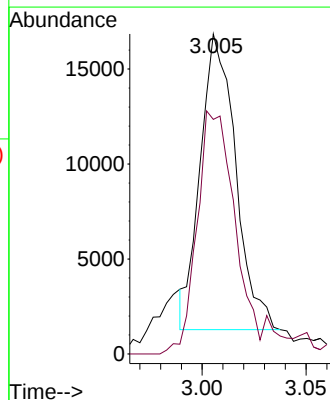
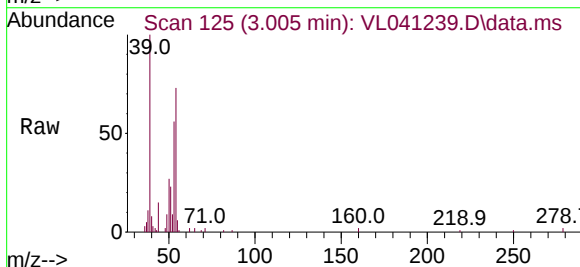
Acq: 8 May 2024 11:56

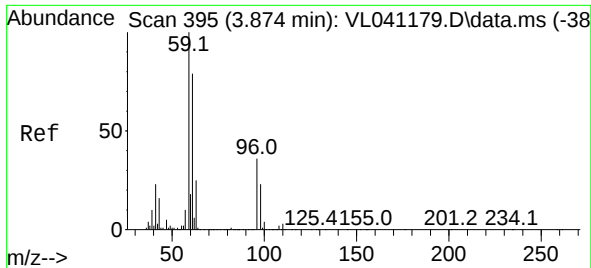
Tgt Ion: 39 Resp: 18369

Ion Ratio Lower Upper

39 100

54 100.2 62.2 93.4#

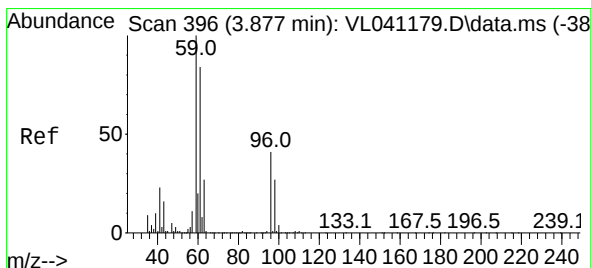
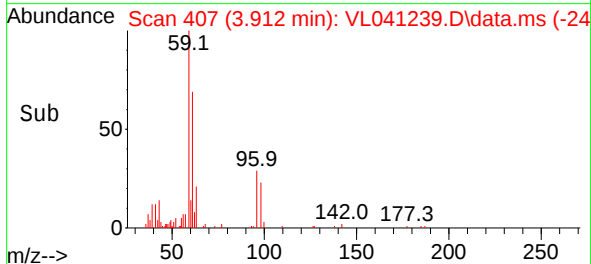
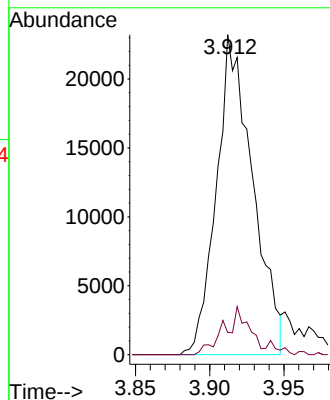
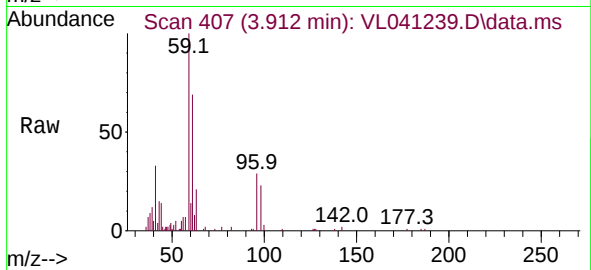




#17
tert-Butyl alcohol
Concen: 0.385 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

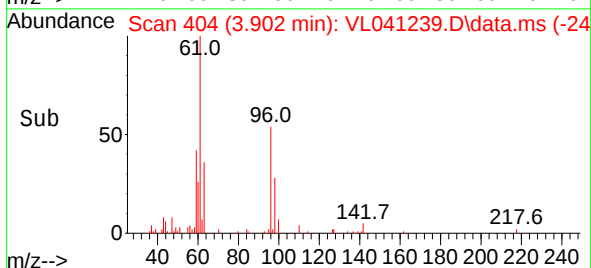
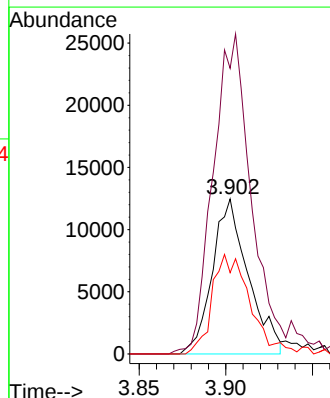
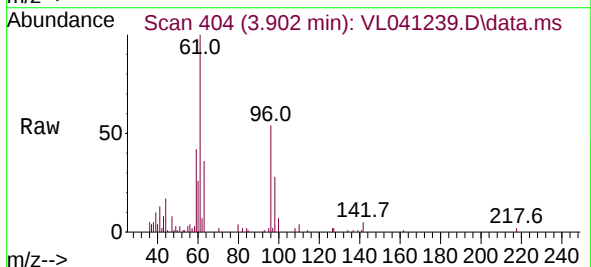
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

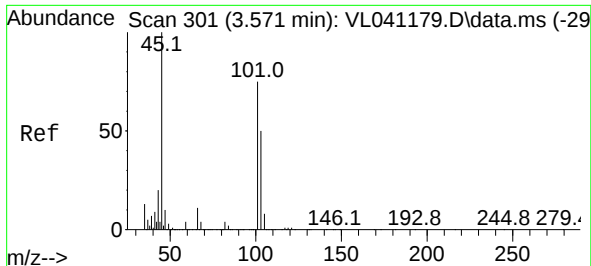
Tgt Ion: 59 Resp: 39331
Ion Ratio Lower Upper
59 100
57 11.9 8.4 12.6



#18
1,1-Dichloroethene
Concen: 0.495 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 96 Resp: 17978
Ion Ratio Lower Upper
96 100
61 181.1 164.4 246.6
98 52.5 51.8 77.8





#19

Isopropyl Alcohol

Concen: 0.147 ppbv

RT: 3.610 min Scan# 313

Delta R.T. 0.019 min

Lab File: VL041239.D

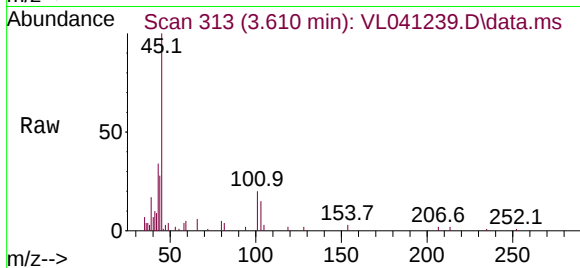
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

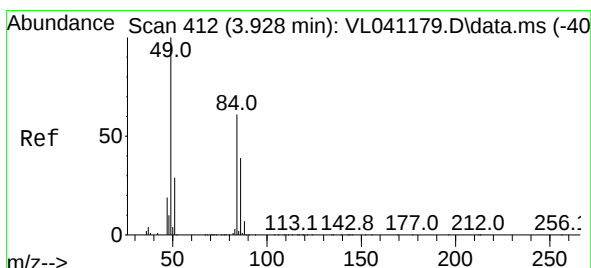
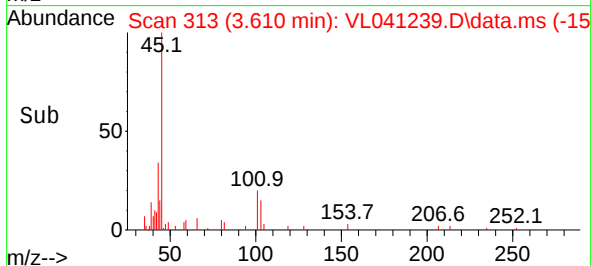
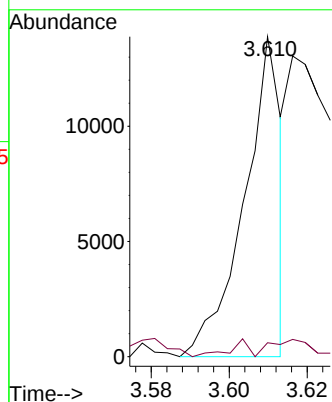


Tgt Ion: 45 Resp: 9135

Ion Ratio Lower Upper

45 100

58 9.8 26.8 40.2#



#20

Methylene Chloride

Concen: 0.600 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Tgt Ion: 84 Resp: 19749

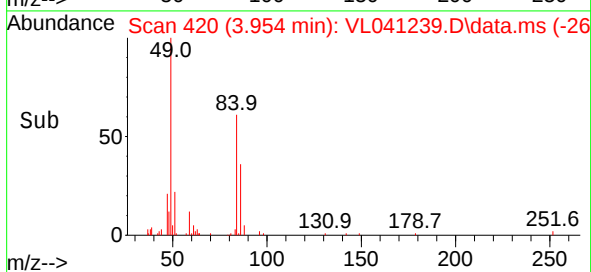
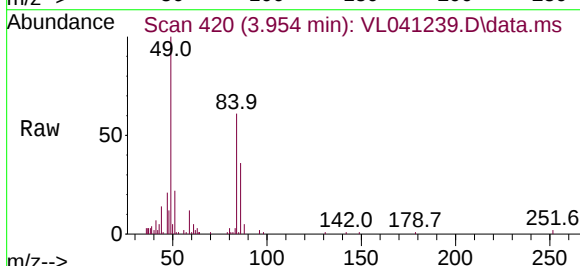
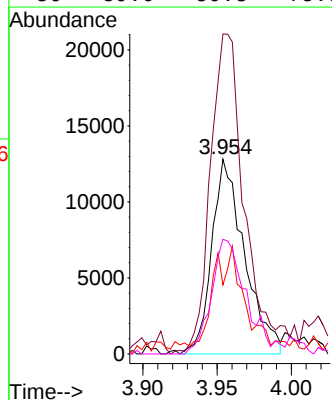
Ion Ratio Lower Upper

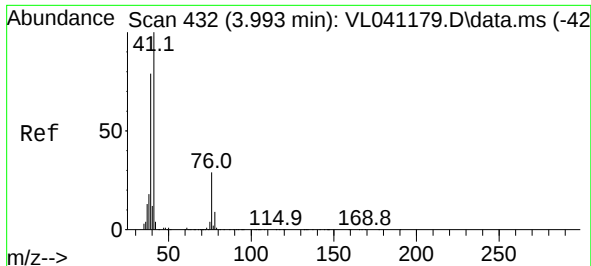
84 100

49 162.5 130.4 195.6

51 30.7 38.0 57.0#

86 59.0 50.3 75.5





#21

Allyl Chloride

Concen: 0.423 ppbv

RT: 4.015 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

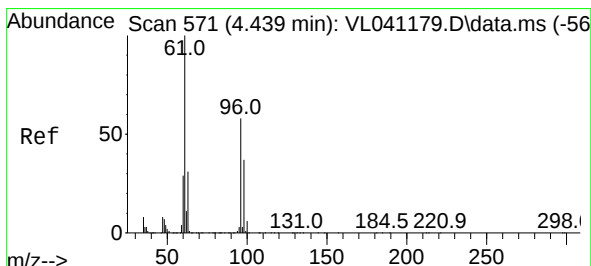
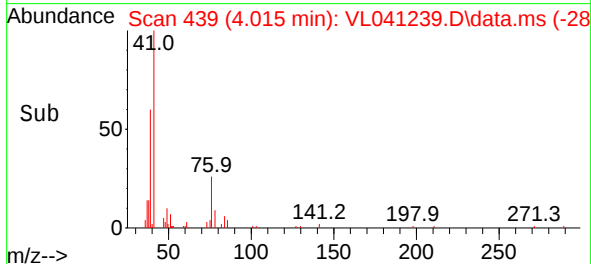
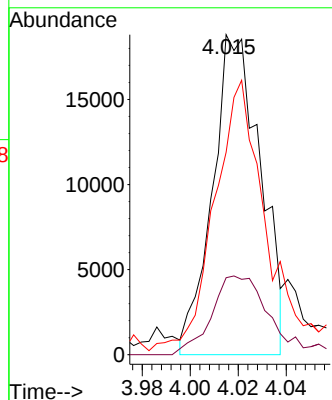
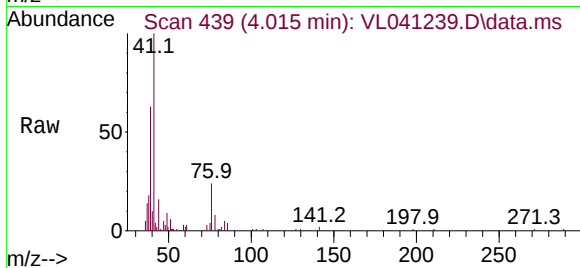
Tgt Ion: 41 Resp: 26080

Ion Ratio Lower Upper

41 100

76 30.5 23.7 35.5

39 103.7 64.7 97.1#



#22

trans-1,2-Dichloroethene

Concen: 0.452 ppbv

RT: 4.468 min Scan# 580

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

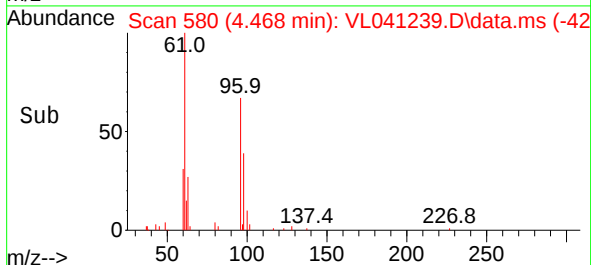
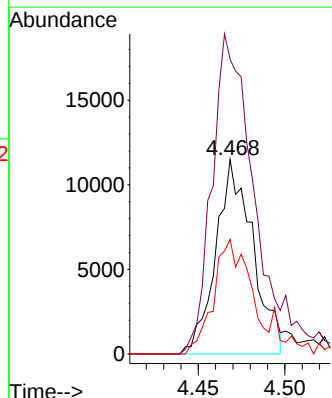
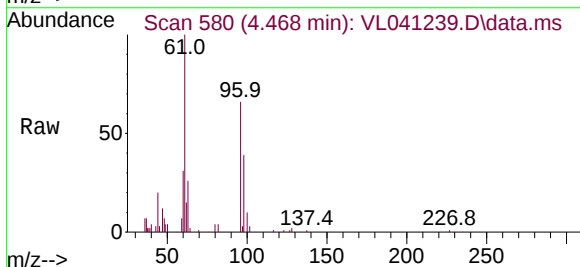
Tgt Ion: 96 Resp: 17089

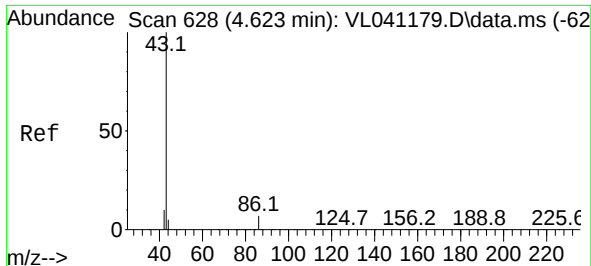
Ion Ratio Lower Upper

96 100

61 151.6 137.6 206.4

98 59.0 50.6 76.0





#23

Vinyl Acetate

Concen: 0.334 ppbv

RT: 4.655 min Scan# 616

Delta R.T. 0.010 min

Lab File: VL041239.D

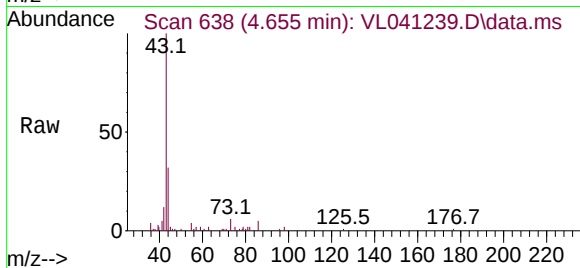
Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43 Resp: 34747

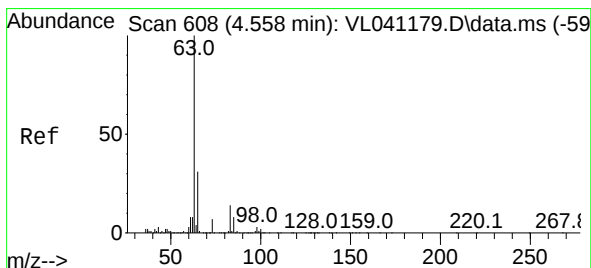
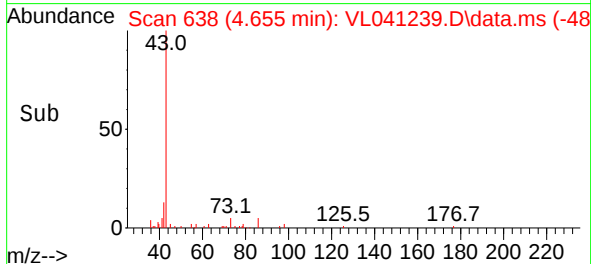
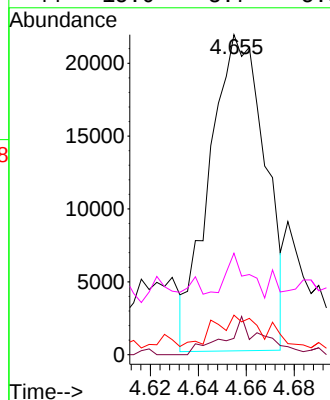
Ion Ratio Lower Upper

43 100

86 6.3 4.9 7.3

42 12.1 8.0 12.0#

44 15.0 3.7 5.5#



#24

1,1-Dichloroethane

Concen: 0.521 ppbv

RT: 4.584 min Scan# 616

Delta R.T. -0.000 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

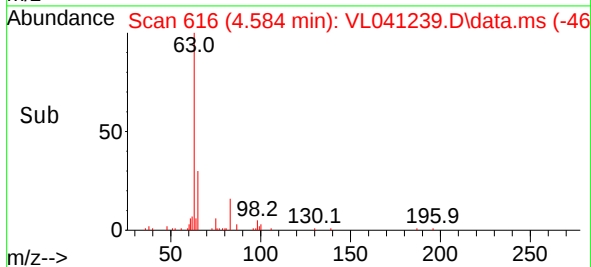
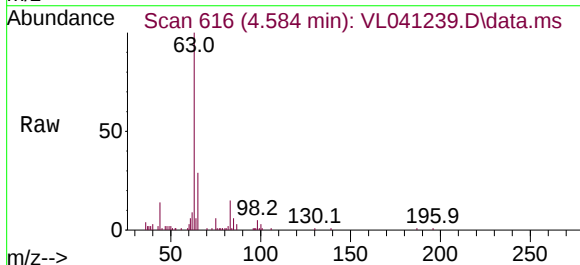
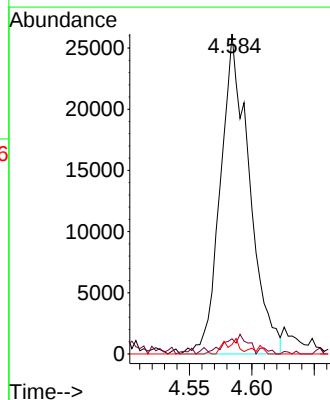
Tgt Ion: 63 Resp: 42182

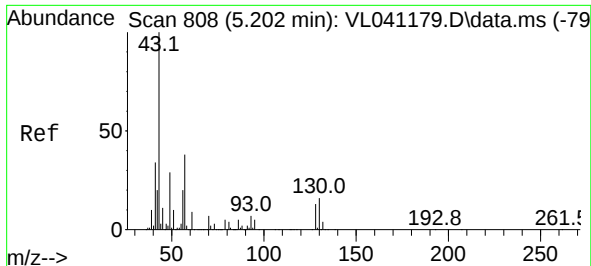
Ion Ratio Lower Upper

63 100

98 4.7 1.6 4.8

100 2.9 1.1 3.5





#25

Ethyl Acetate

Concen: 0.426 ppbv

RT: 5.240 min Scan# 81

Delta R.T. 0.019 min

Lab File: VL041239.D

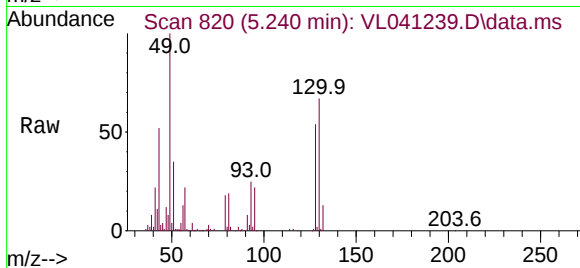
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43 Resp: 80493

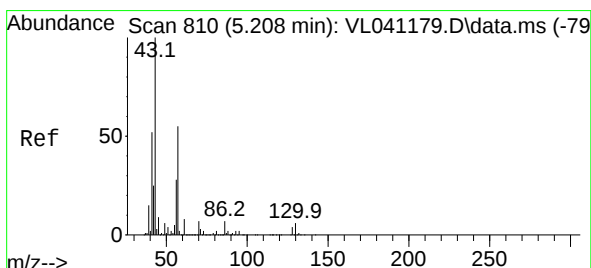
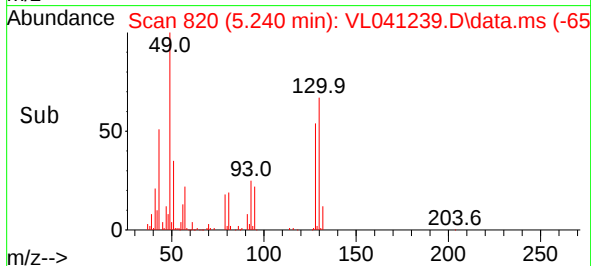
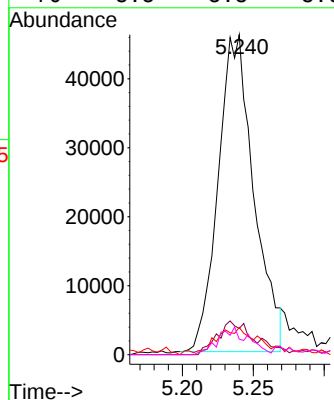
Ion Ratio Lower Upper

43 100

45 12.3 8.2 12.2#

61 11.9 7.7 11.5#

70 8.5 5.8 8.6



#26

Hexane

Concen: 0.238 ppbv

RT: 5.234 min Scan# 818

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Tgt Ion: 57 Resp: 20085

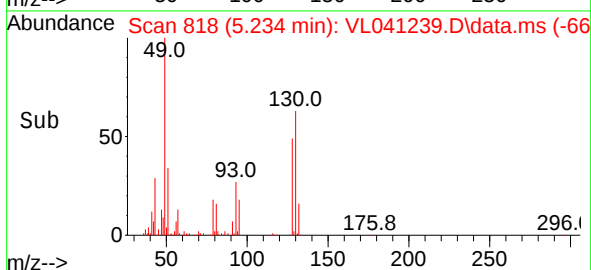
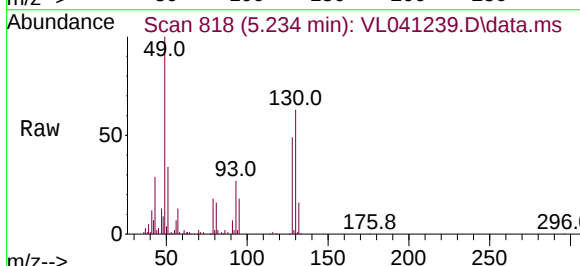
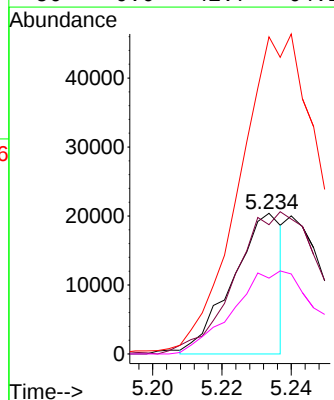
Ion Ratio Lower Upper

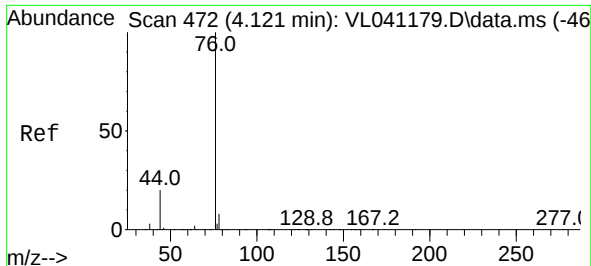
57 100

41 0.0 75.8 113.8#

43 0.0 187.0 280.4#

56 0.0 42.7 64.1#

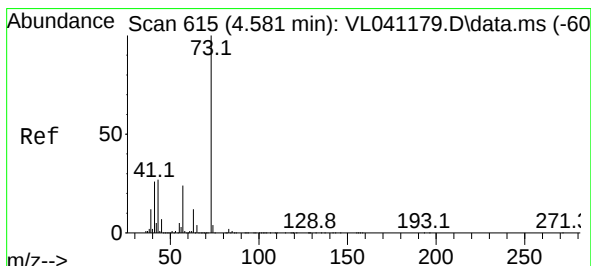
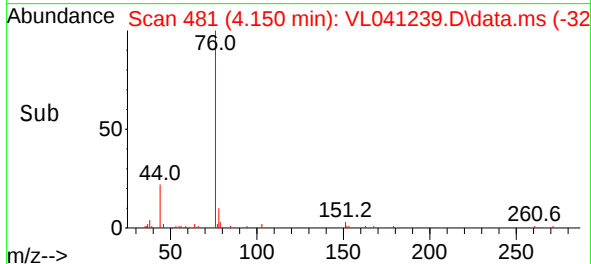
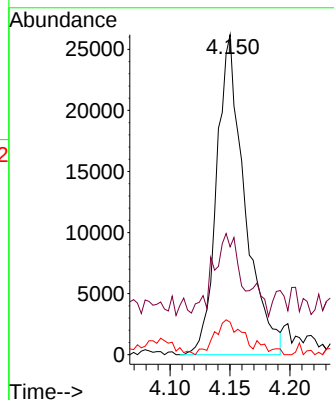
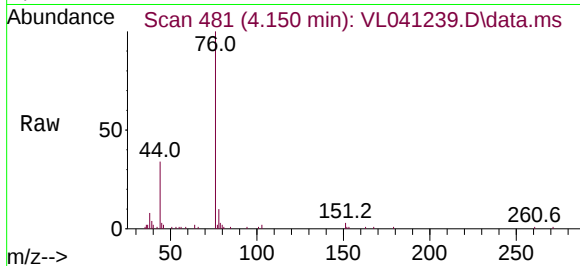




#27
Carbon Disulfide
Concen: 0.426 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

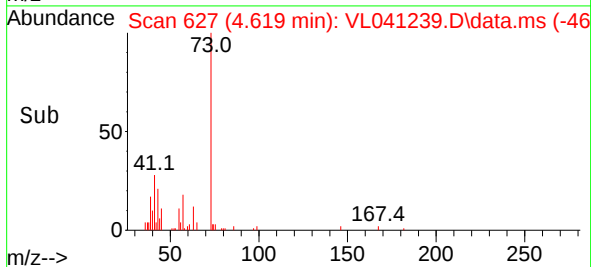
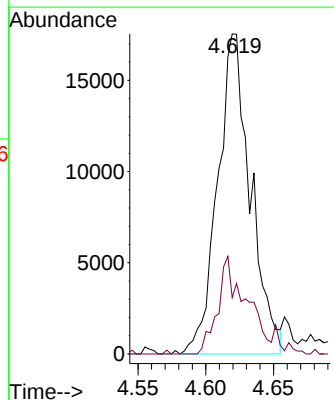
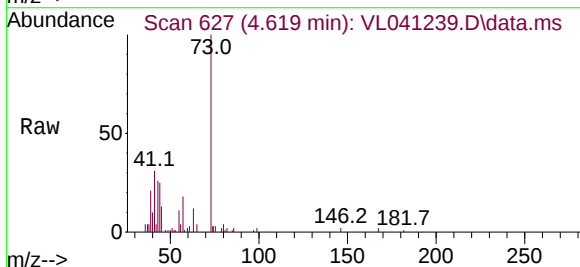
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

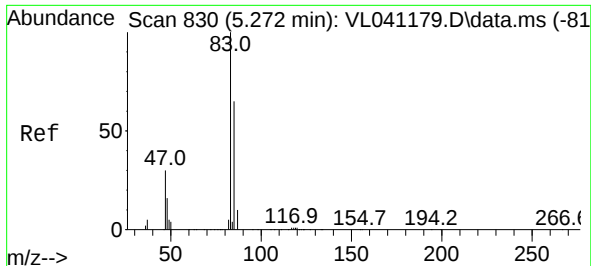
Tgt Ion: 76 Resp: 42510
Ion Ratio Lower Upper
76 100
44 30.0 16.3 24.5#
78 13.0 7.3 10.9#



#28
Methyl tert-Butyl Ether
Concen: 0.441 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.016 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion: 73 Resp: 29579
Ion Ratio Lower Upper
73 100
57 28.8 18.8 28.2#





#29

Chloroform

Concen: 0.537 ppbv

RT: 5.295 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

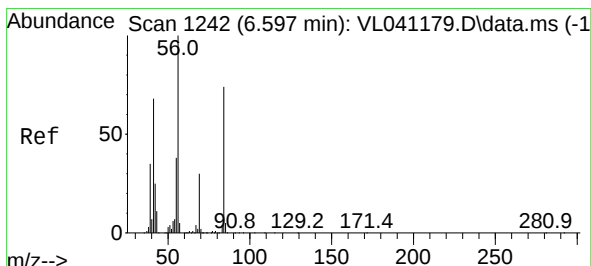
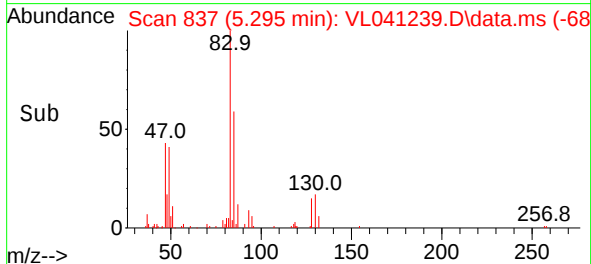
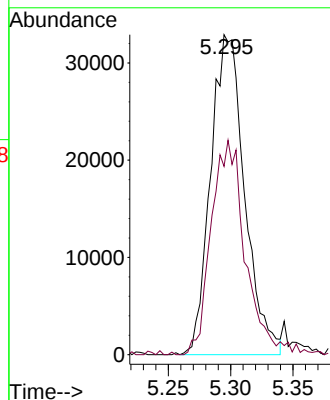
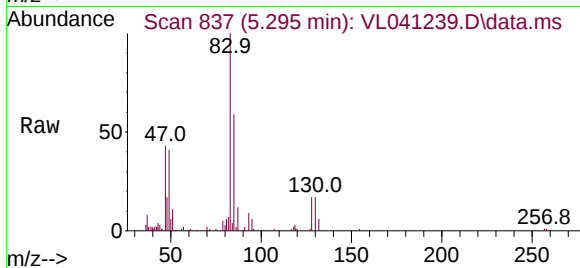
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 83 Resp: 62456

Ion Ratio Lower Upper

83 100

85 58.8 51.7 77.5



#30

Cyclohexane

Concen: 0.289 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

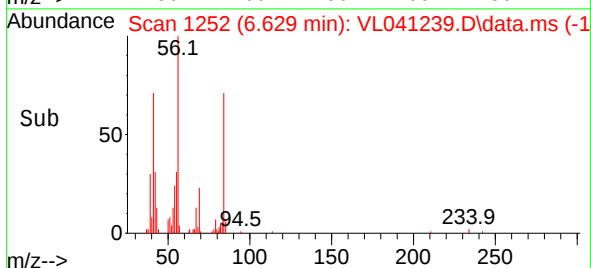
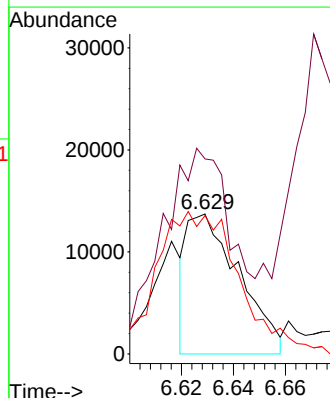
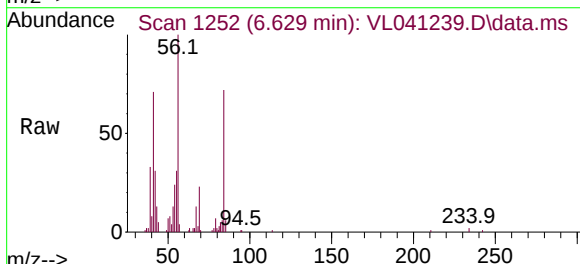
Tgt Ion: 84 Resp: 19271

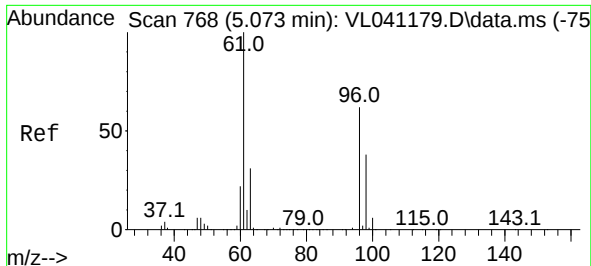
Ion Ratio Lower Upper

84 100

56 203.1 116.8 175.2#

41 166.5 73.8 110.8#





#31

cis-1,2-Dichloroethene

Concen: 0.446 ppbv

RT: 5.102 min Scan# 7

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

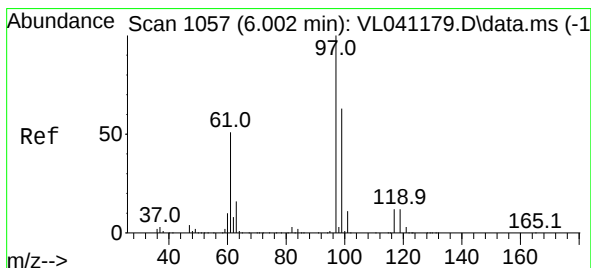
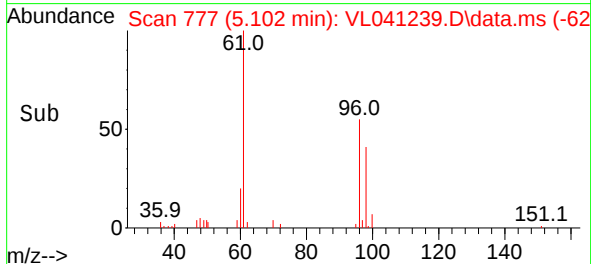
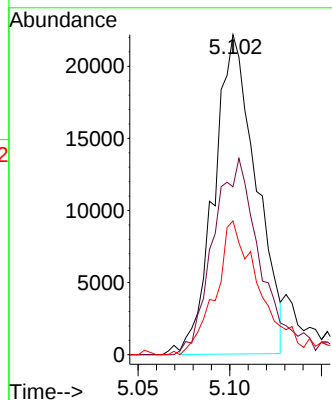
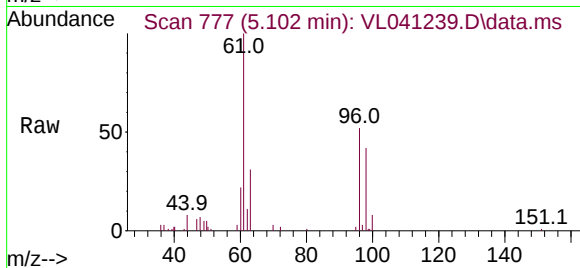
Tgt Ion: 61 Resp: 35163

Ion Ratio Lower Upper

61 100

96 51.9 49.8 74.6

98 43.1 30.0 45.0



#32

1,1,1-Trichloroethane

Concen: 0.475 ppbv

RT: 6.028 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

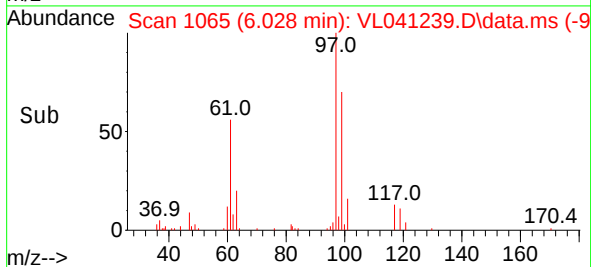
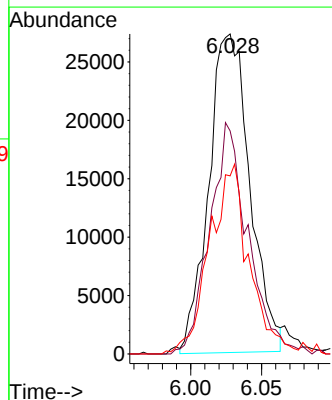
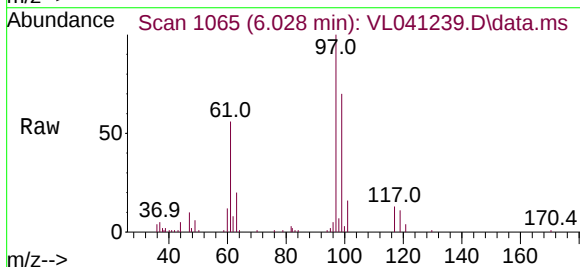
Tgt Ion: 97 Resp: 55116

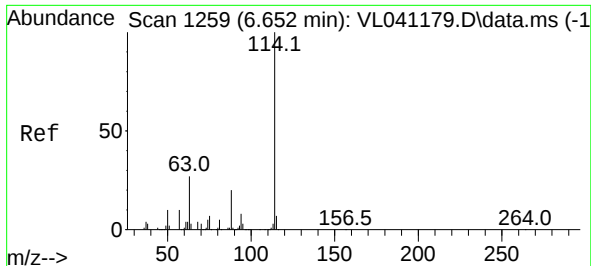
Ion Ratio Lower Upper

97 100

99 67.7 51.7 77.5

61 58.0 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: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

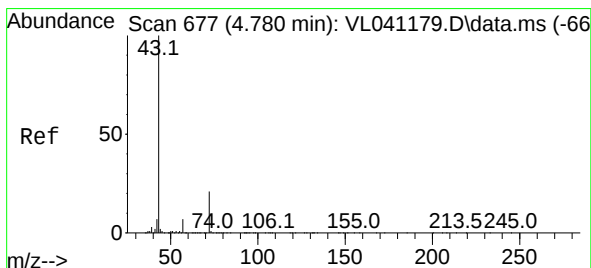
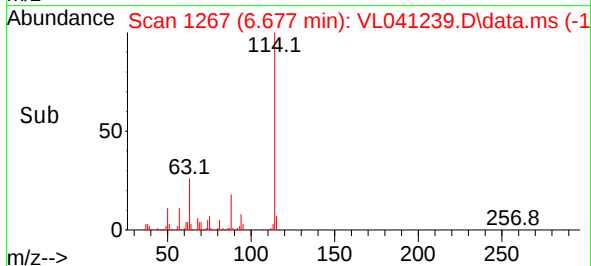
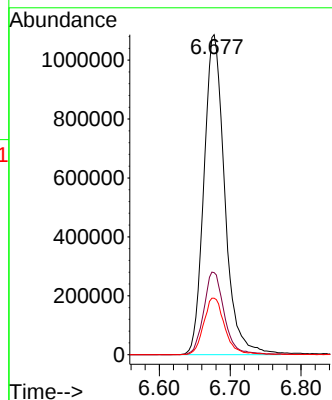
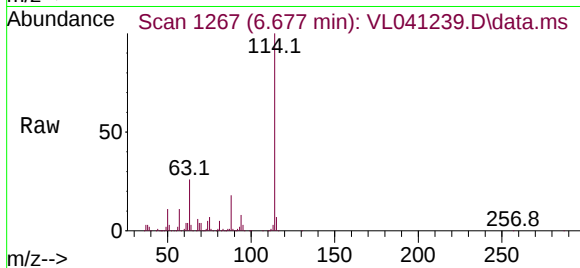
Tgt Ion:114 Resp: 2212838

Ion Ratio Lower Upper

114 100

63 25.8 21.8 32.6

88 18.1 15.2 22.8



#34

2-Butanone

Concen: 0.404 ppbv

RT: 4.825 min Scan# 691

Delta R.T. 0.022 min

Lab File: VL041239.D

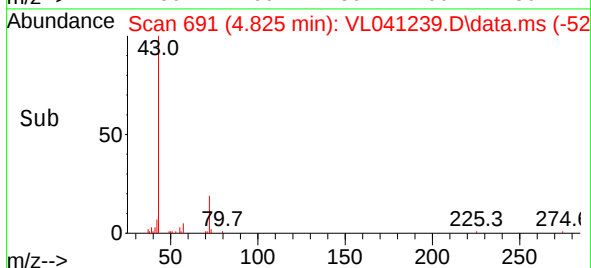
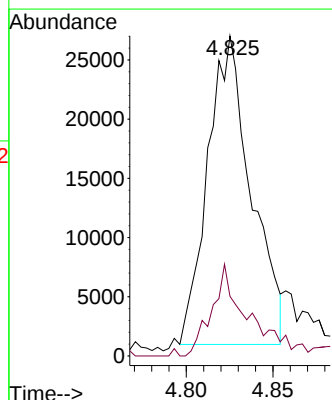
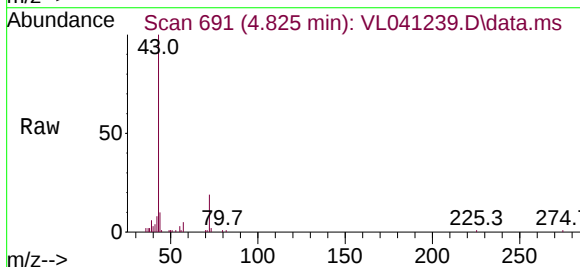
Acq: 8 May 2024 11:56

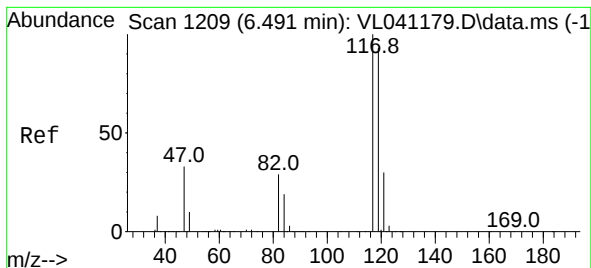
Tgt Ion: 43 Resp: 45545

Ion Ratio Lower Upper

43 100

72 27.3 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.436 ppbv

RT: 6.516 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

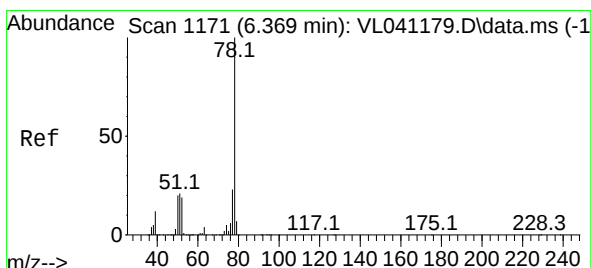
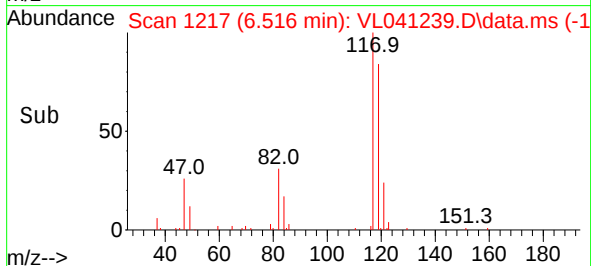
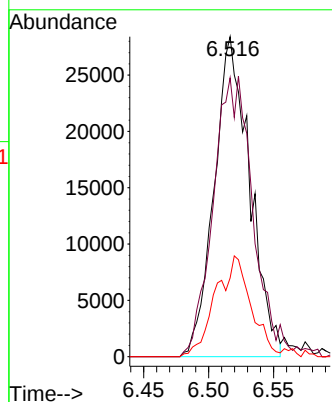
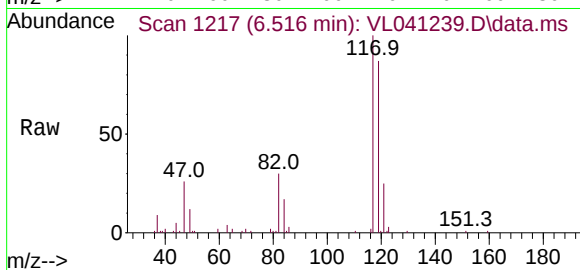
Tgt Ion:117 Resp: 54161

Ion Ratio Lower Upper

117 100

119 87.2 74.3 111.5

121 24.6 23.8 35.8



#36

Benzene

Concen: 0.432 ppbv

RT: 6.394 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

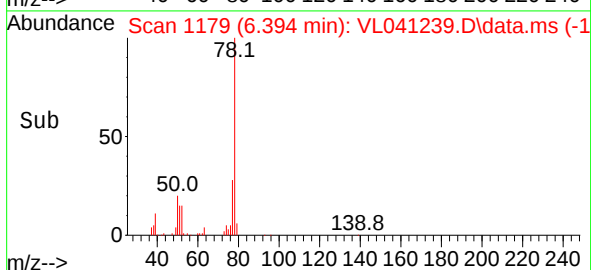
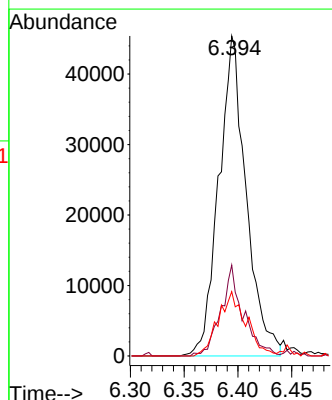
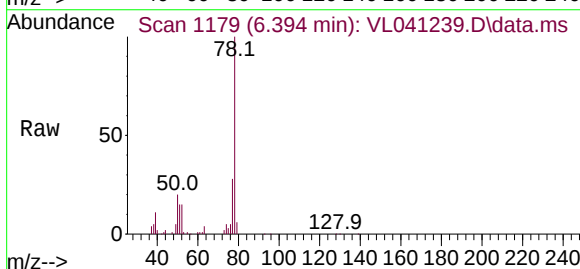
Tgt Ion: 78 Resp: 80294

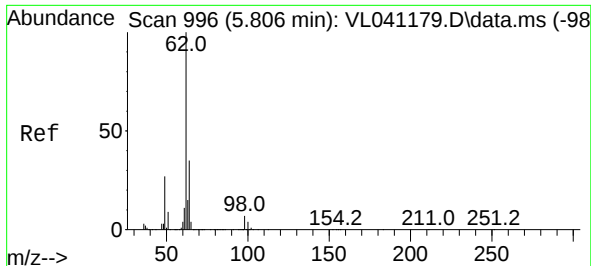
Ion Ratio Lower Upper

78 100

77 28.4 18.3 27.5#

50 20.1 15.9 23.9

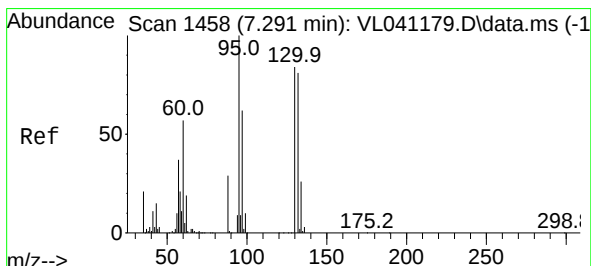
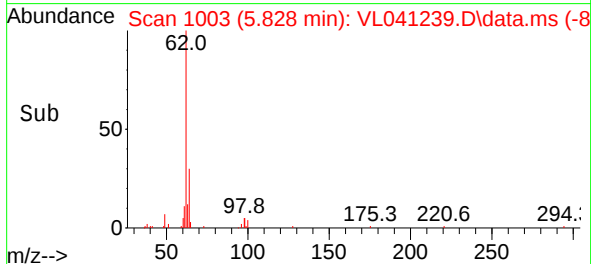
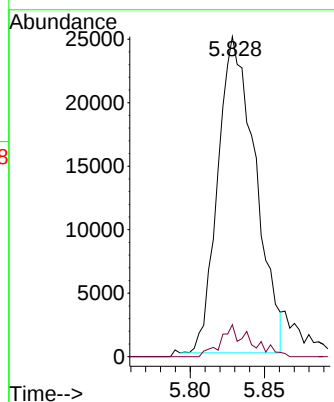
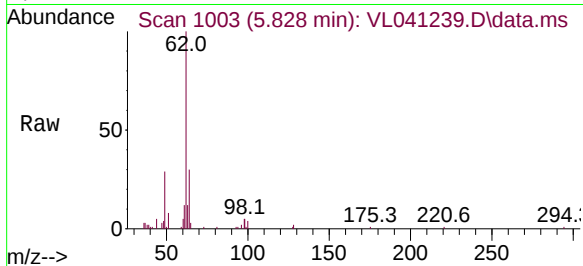




#37
1,2-Dichloroethane
Concen: 0.452 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

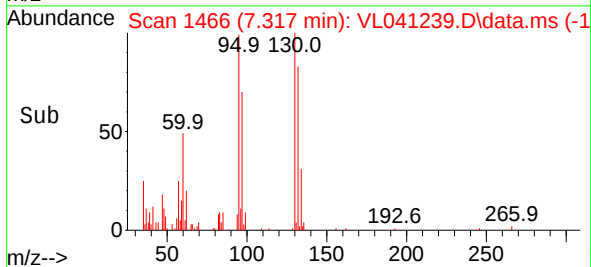
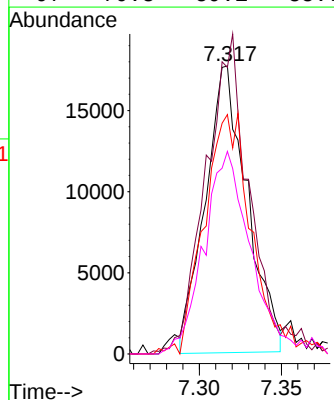
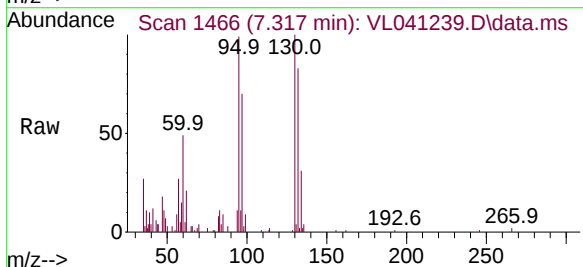
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2024

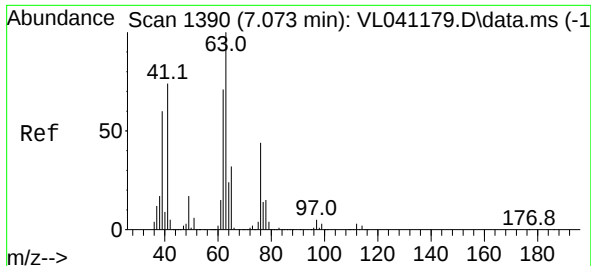
Tgt Ion: 62 Resp: 43808
Ion Ratio Lower Upper
62 100
98 8.0 5.0 7.4#



#38
Trichloroethene
Concen: 0.454 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion:130 Resp: 31413
Ion Ratio Lower Upper
130 100
95 101.0 95.0 142.6
132 90.2 77.0 115.4
97 70.3 59.1 88.7





#39

1,2-Dichloropropane

Concen: 0.399 ppbv

RT: 7.095 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

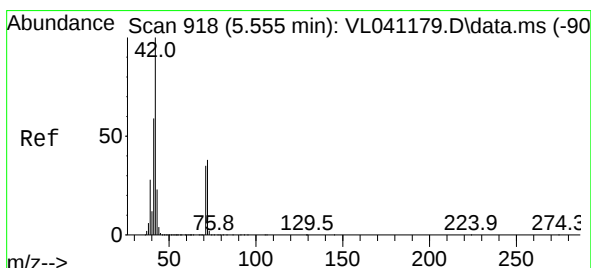
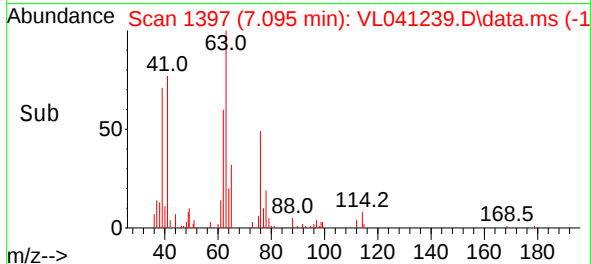
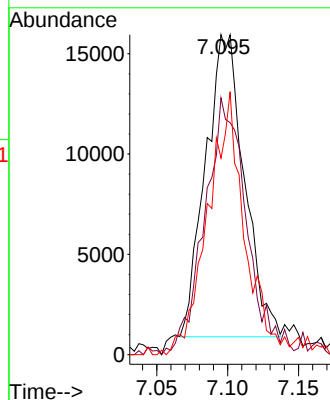
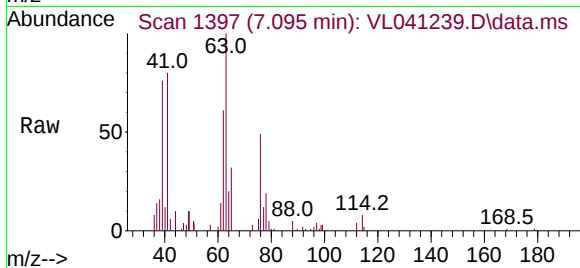
Tgt Ion: 63 Resp: 28571

Ion Ratio Lower Upper

63 100

41 81.1 59.4 89.0

62 61.7 56.8 85.2



#41

Tetrahydrofuran

Concen: 0.208 ppbv

RT: 5.607 min Scan# 934

Delta R.T. 0.029 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

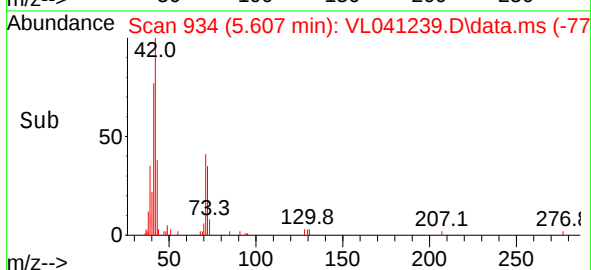
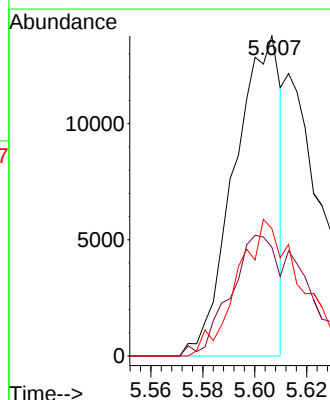
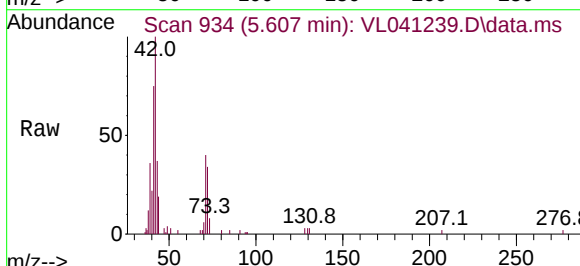
Tgt Ion: 42 Resp: 16933

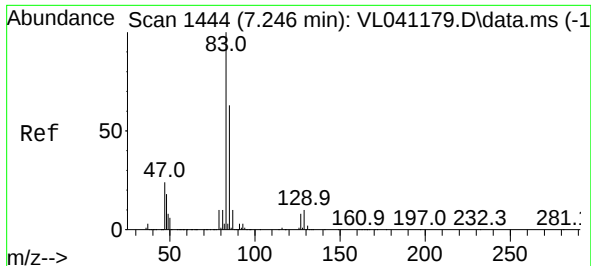
Ion Ratio Lower Upper

42 100

72 72.5 29.4 44.0#

71 68.0 29.1 43.7#





#42

Bromodichloromethane

Concen: 0.466 ppbv

RT: 7.272 min Scan# 1444

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

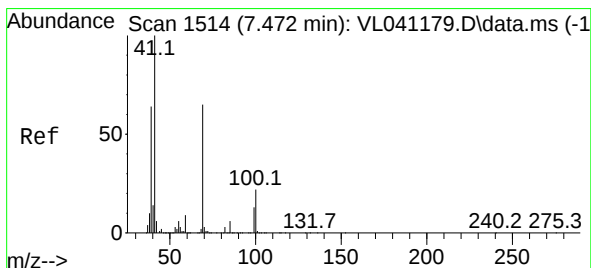
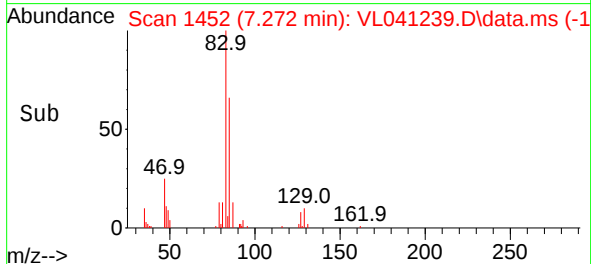
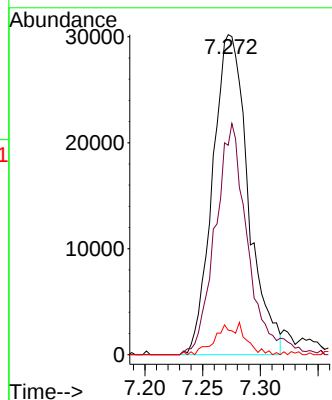
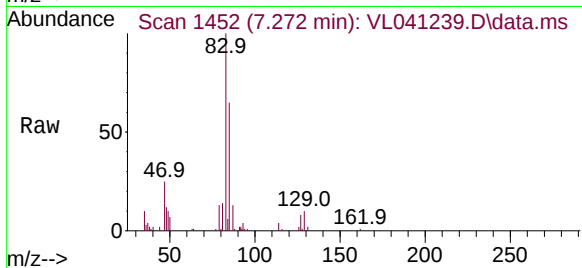
Tgt Ion: 83 Resp: 64823

Ion Ratio Lower Upper

83 100

85 65.5 50.6 75.8

127 7.6 6.2 9.4



#43

Methyl Methacrylate

Concen: 0.355 ppbv

RT: 7.504 min Scan# 1524

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

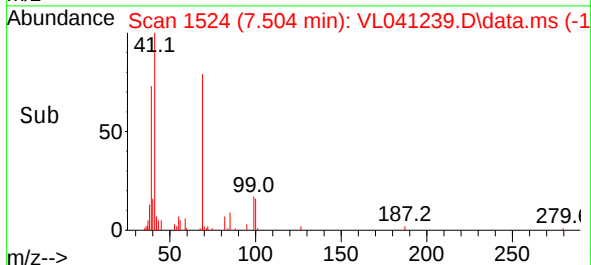
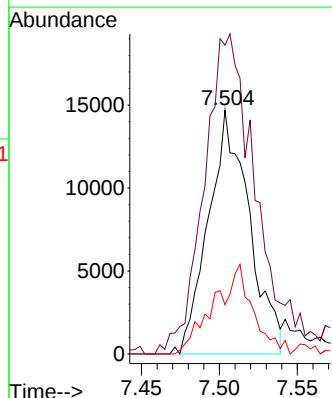
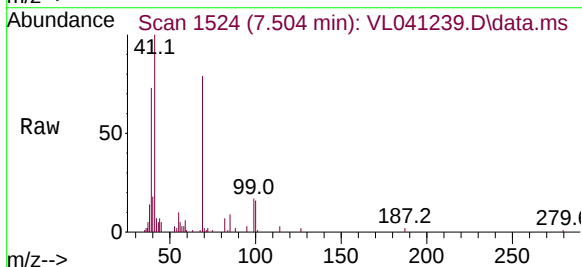
Tgt Ion: 69 Resp: 26681

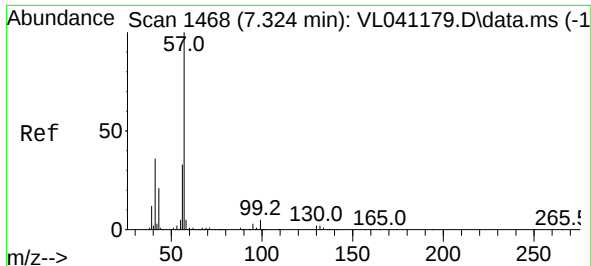
Ion Ratio Lower Upper

69 100

41 167.3 125.2 187.8

100 37.0 26.7 40.1





#44

2,2,4-Trimethylpentane

Concen: 0.259 ppbv

RT: 7.352 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

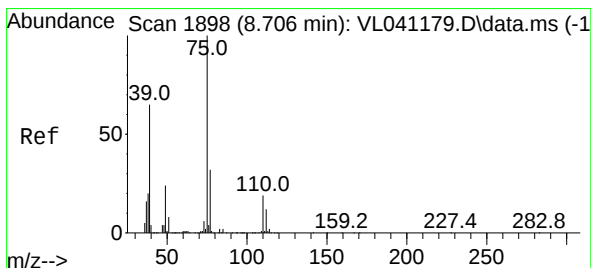
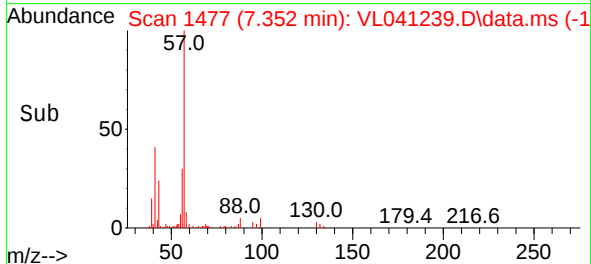
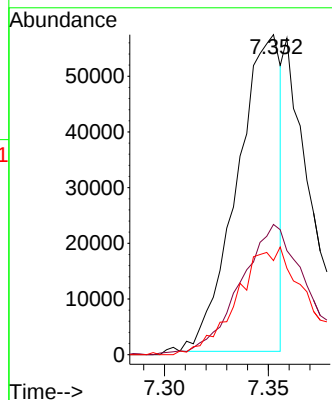
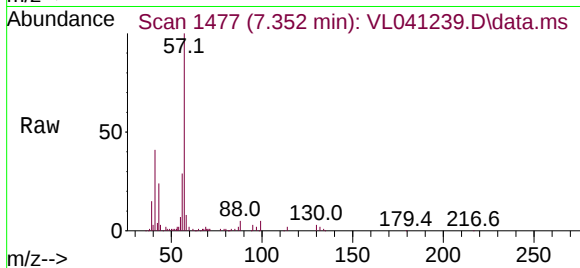
Tgt Ion: 57 Resp: 82852

Ion Ratio Lower Upper

57 100

41 64.7 29.5 44.3#

56 0.0 25.3 37.9#



#45

t-1,3-Dichloropropene

Concen: 0.089 ppbv

RT: 8.748 min Scan# 1911

Delta R.T. 0.016 min

Lab File: VL041239.D

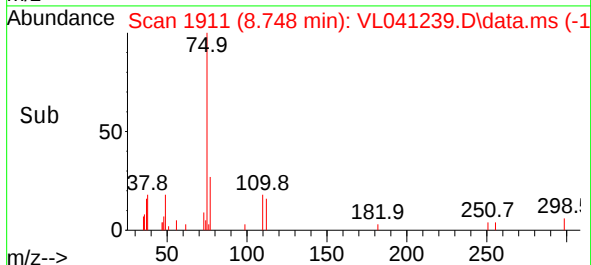
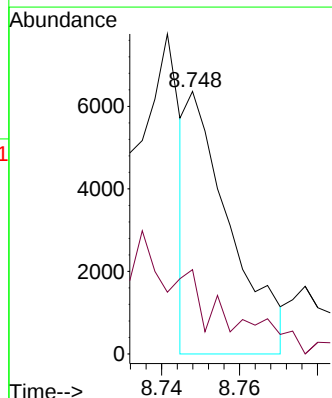
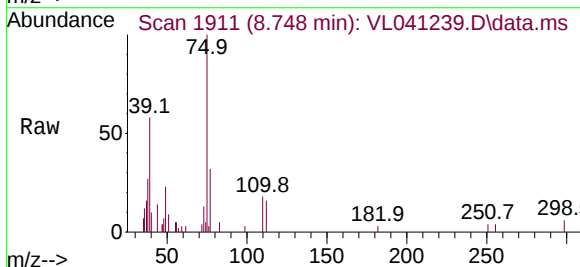
Acq: 8 May 2024 11:56

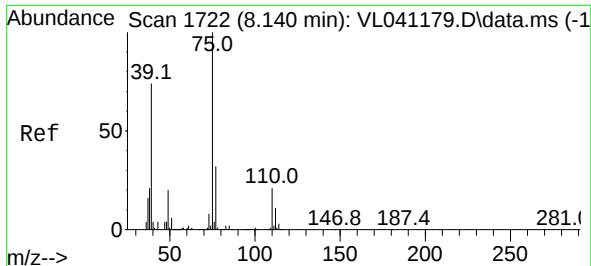
Tgt Ion: 75 Resp: 4870

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4





#46

cis-1,3-Dichloropropene

Concen: 0.229 ppbv

RT: 8.166 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

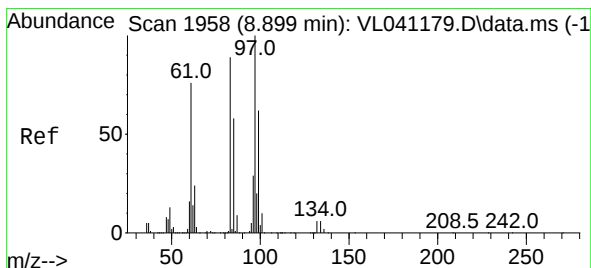
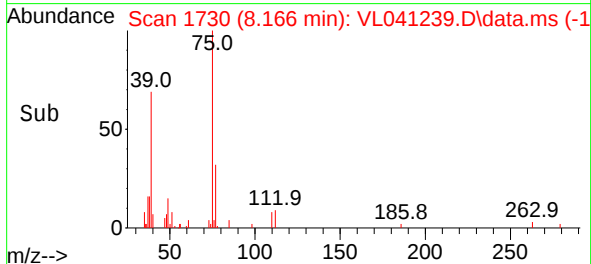
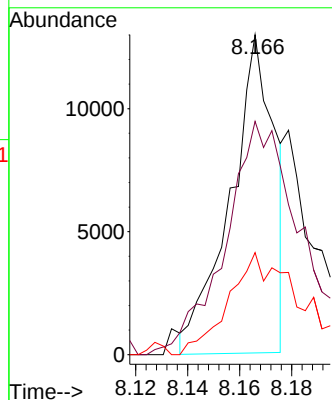
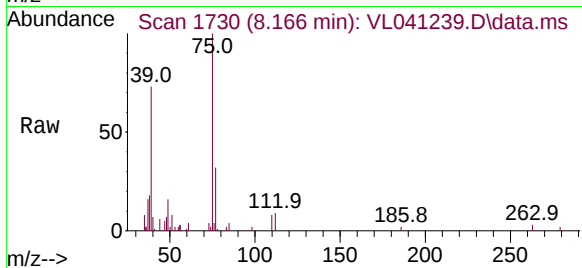
Tgt Ion: 75 Resp: 15280

Ion Ratio Lower Upper

75 100

39 70.7 59.4 89.2

77 34.2 25.9 38.9



#47

1,1,2-Trichloroethane

Concen: 0.249 ppbv

RT: 8.922 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Tgt Ion: 97 Resp: 17861

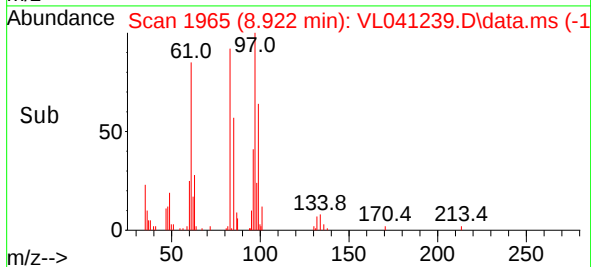
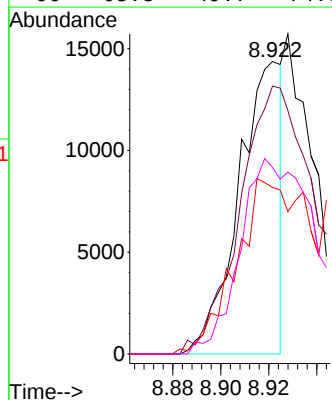
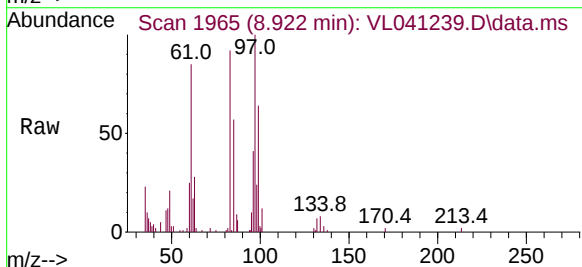
Ion Ratio Lower Upper

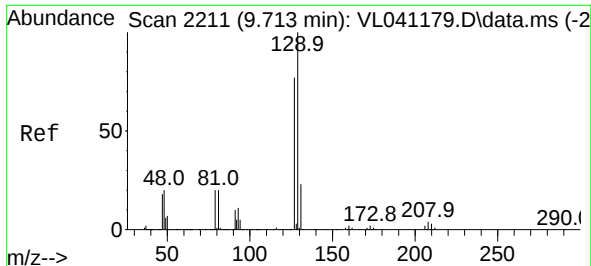
97 100

83 91.6 71.2 106.8

85 55.2 46.0 69.0

99 63.8 49.7 74.5





#48

Dibromochloromethane

Concen: 0.425 ppbv

RT: 9.732 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

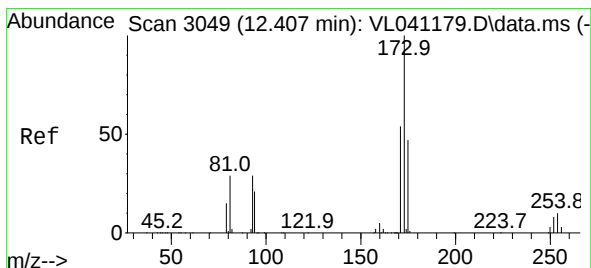
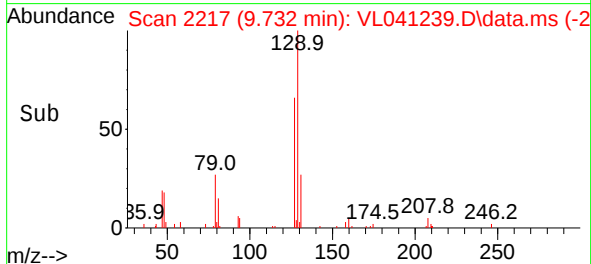
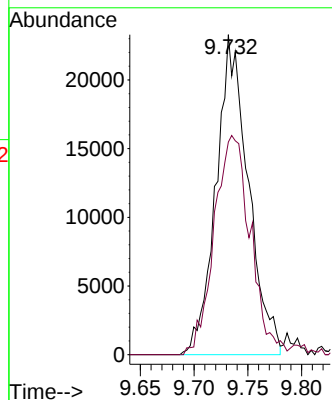
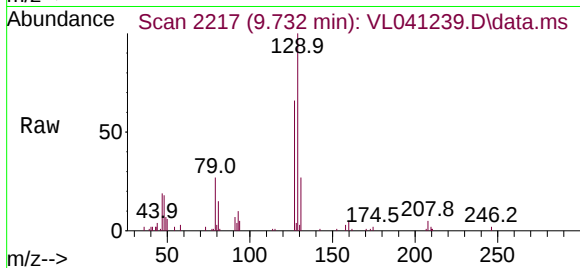
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:129 Resp: 48460

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.5



#49

Bromoform

Concen: 0.366 ppbv

RT: 12.429 min Scan# 3056

Delta R.T. -0.000 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

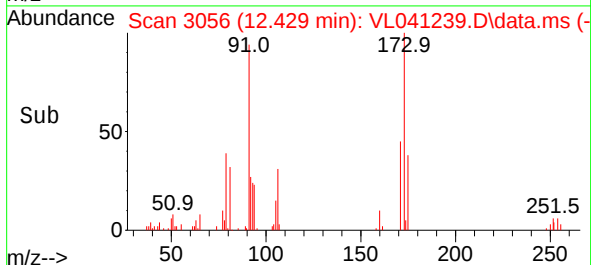
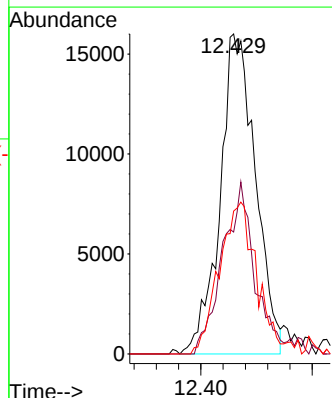
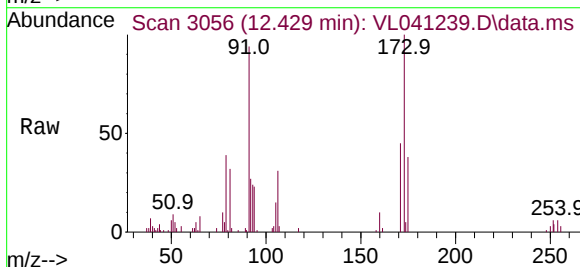
Tgt Ion:173 Resp: 35499

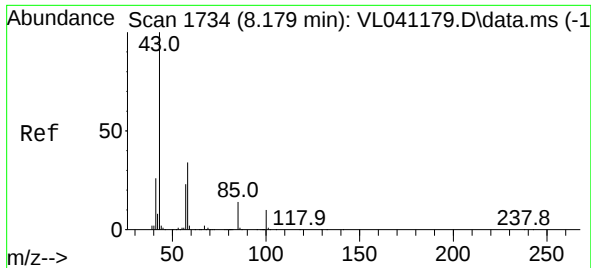
Ion Ratio Lower Upper

173 100

175 50.8 39.8 59.8

171 50.7 41.8 62.8





#50

4-Methyl-2-Pentanone

Concen: 0.360 ppbv

RT: 8.227 min Scan# 1

Delta R.T. 0.026 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

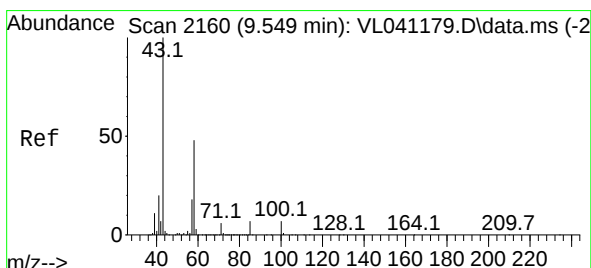
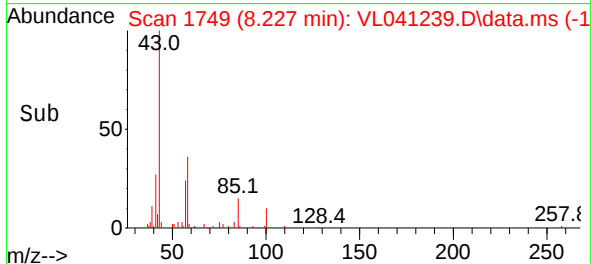
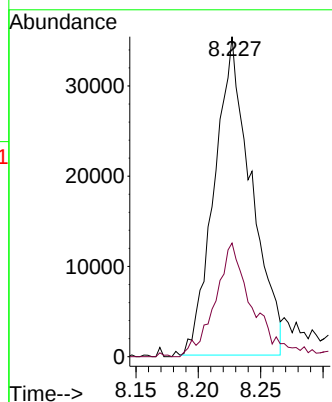
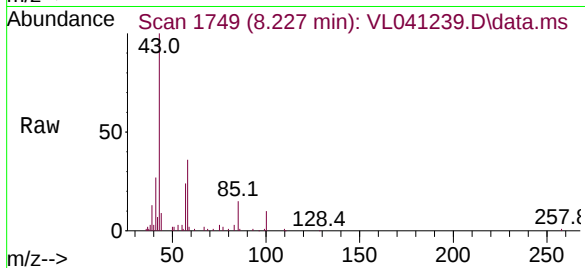
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 43 Resp: 72856

Ion Ratio Lower Upper

43 100

58 36.9 27.7 41.5



#51

2-Hexanone

Concen: 0.190 ppbv

RT: 9.603 min Scan# 2177

Delta R.T. 0.035 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

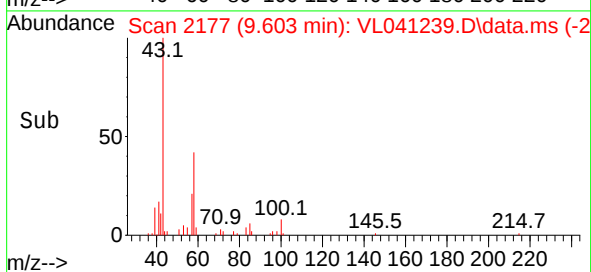
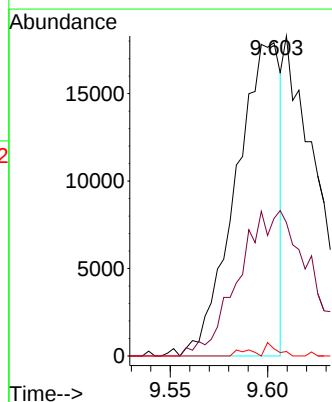
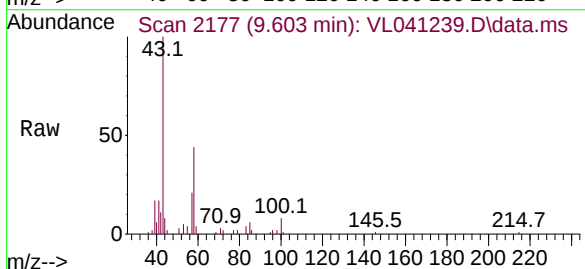
Tgt Ion: 43 Resp: 28486

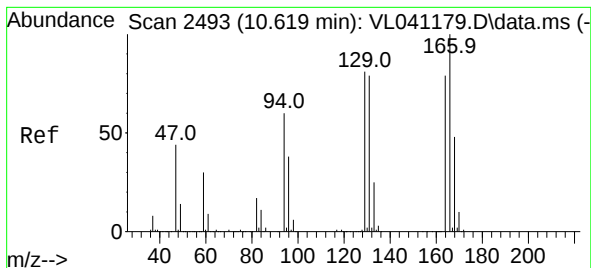
Ion Ratio Lower Upper

43 100

58 0.0 38.4 57.6#

98 2.2 0.0 0.0#





#52

Tetrachloroethene

Concen: 0.160 ppbv

RT: 10.632 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VL041239.D

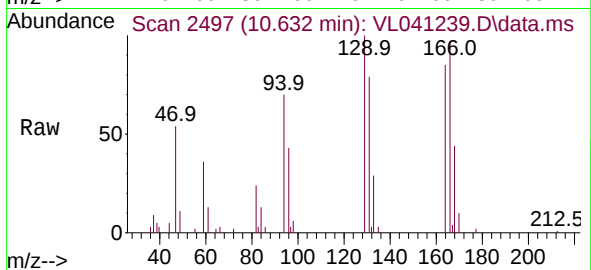
Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion:164 Resp: 10431

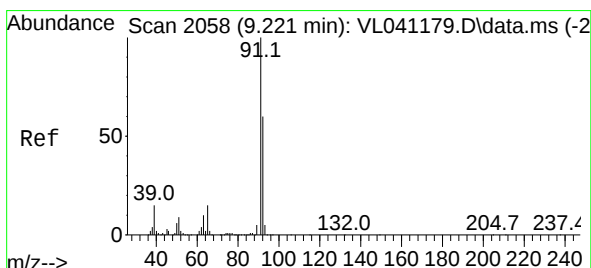
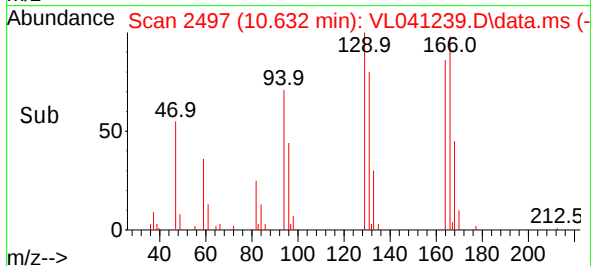
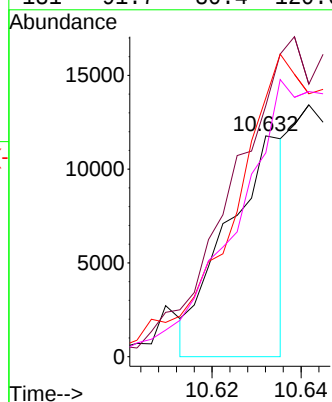
Ion Ratio Lower Upper

164 100

166 111.8 101.1 151.7

129 119.4 81.7 122.5

131 91.7 80.4 120.6



#53

Toluene

Concen: 0.409 ppbv

RT: 9.243 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VL041239.D

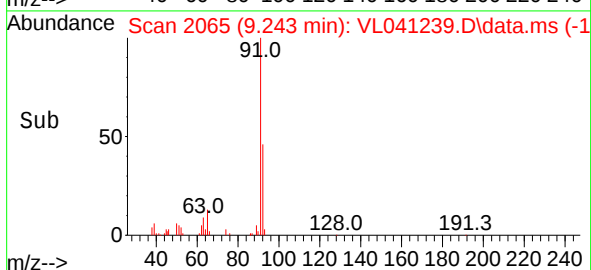
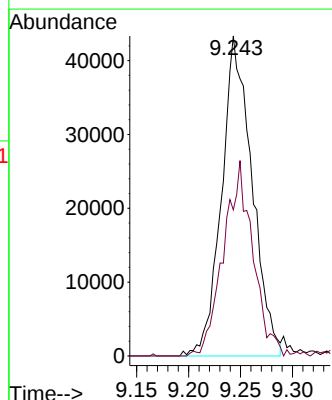
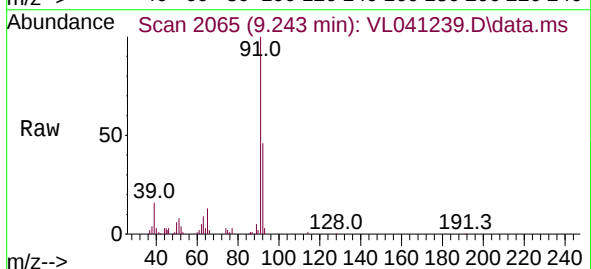
Acq: 8 May 2024 11:56

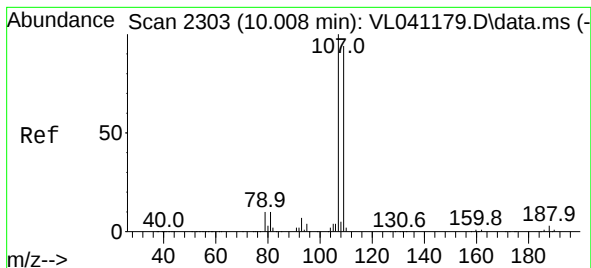
Tgt Ion: 91 Resp: 88002

Ion Ratio Lower Upper

91 100

92 59.4 48.2 72.4





#54

1,2-Dibromoethane

Concen: 0.457 ppbv

RT: 10.034 min Scan# 2311

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

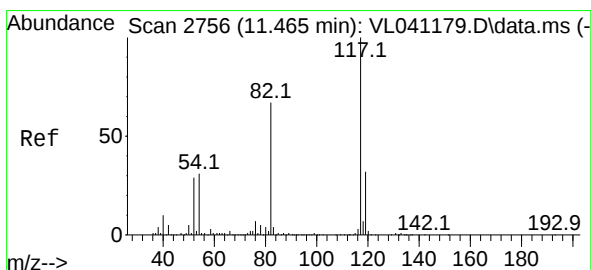
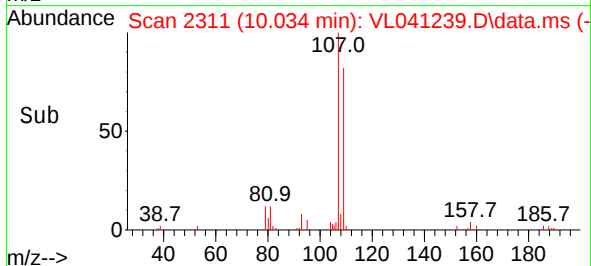
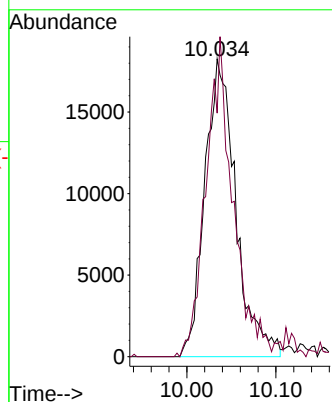
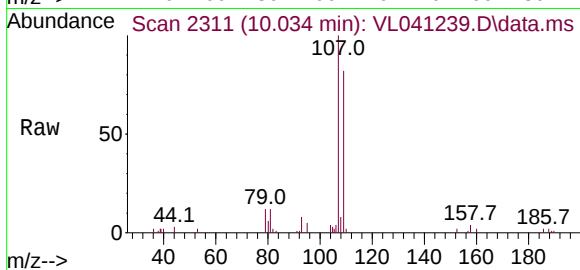
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:107 Resp: 44295

Ion Ratio Lower Upper

107 100

109 81.8 75.2 112.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 2764

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

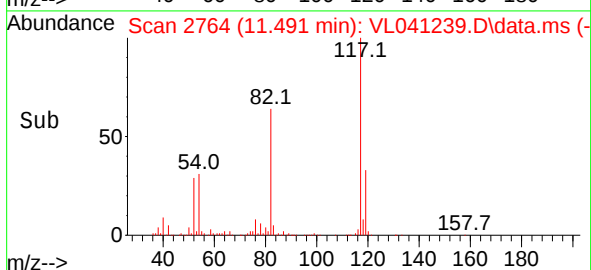
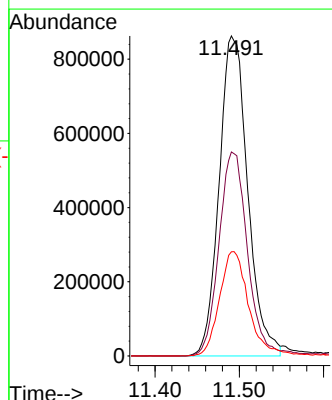
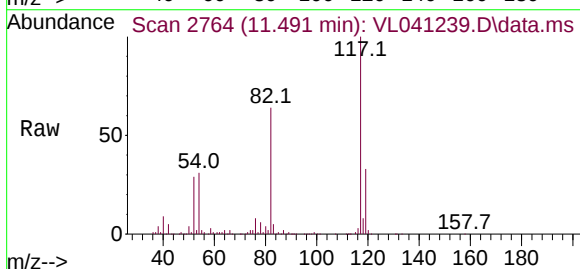
Tgt Ion:117 Resp: 2031753

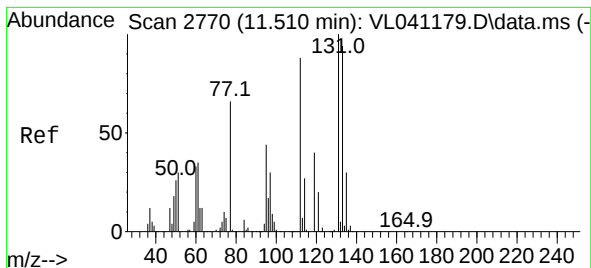
Ion Ratio Lower Upper

117 100

82 65.2 53.6 80.4

119 33.9 27.2 40.8





#56

1,1,1,2-Tetrachloroethane

Concen: 0.416 ppbv

RT: 11.536 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

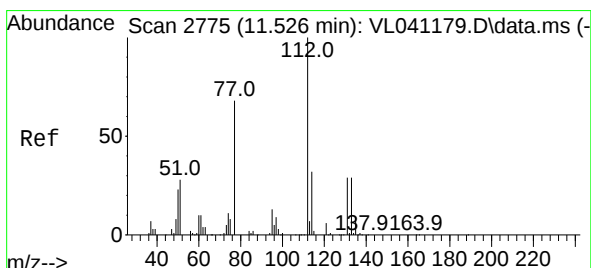
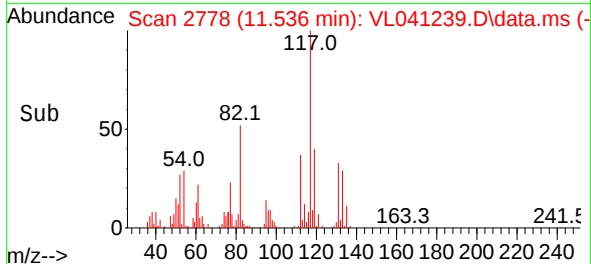
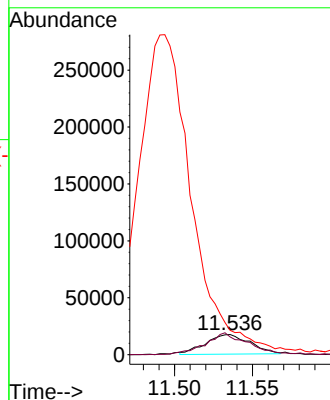
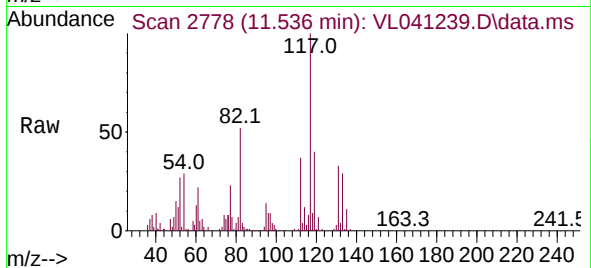
Tgt Ion:131 Resp: 34232

Ion Ratio Lower Upper

131 100

133 109.7 76.3 114.5

119 0.0 49.4 74.2#



#57

Chlorobenzene

Concen: 0.518 ppbv

RT: 11.552 min Scan# 2783

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

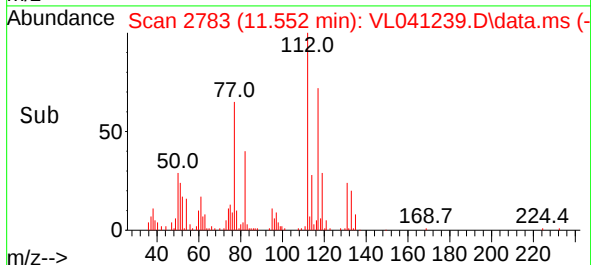
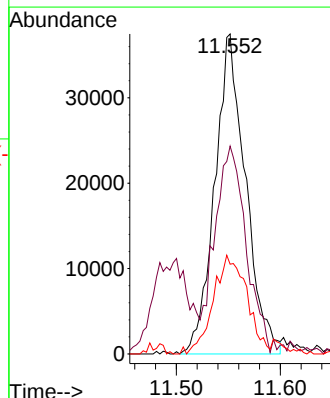
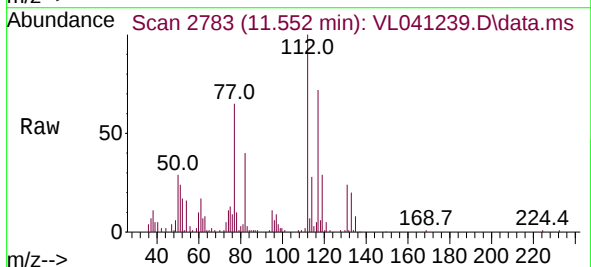
Tgt Ion:112 Resp: 77118

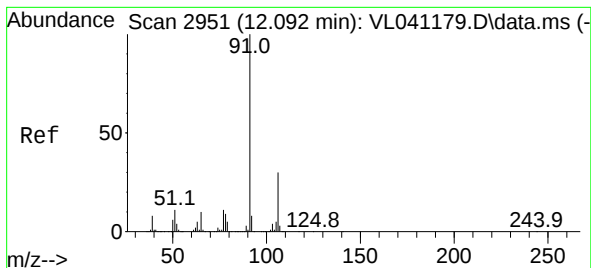
Ion Ratio Lower Upper

112 100

77 62.2 54.9 82.3

114 28.0 28.7 35.1#





#58

Ethyl Benzene

Concen: 0.429 ppbv

RT: 12.114 min Scan# 20

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

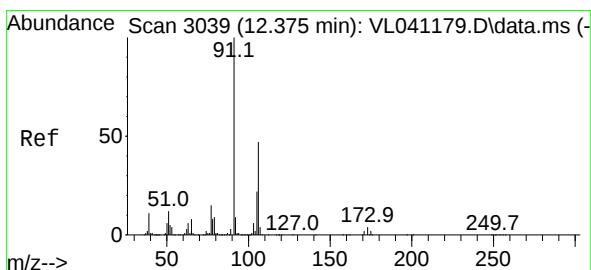
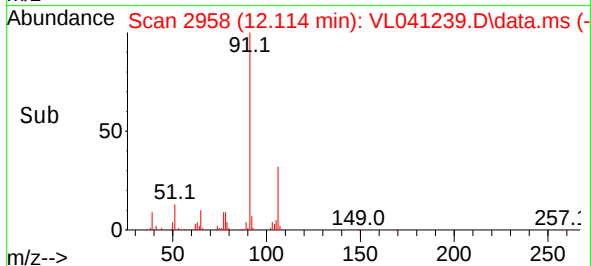
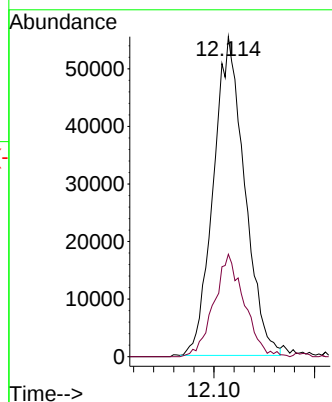
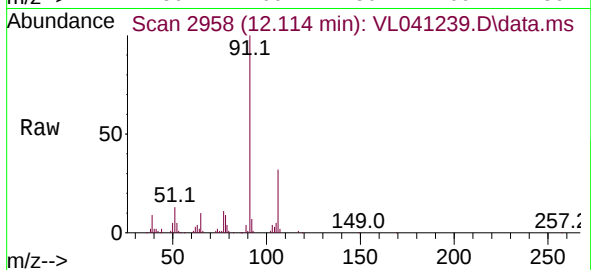
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 91 Resp: 119605

Ion Ratio Lower Upper

91 100

106 32.1 24.3 36.5



#59

m/p-Xylene

Concen: 0.083 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. 0.006 min

Lab File: VL041239.D

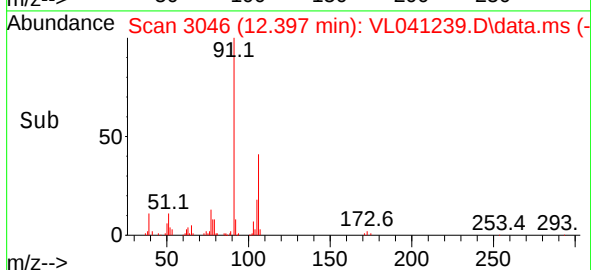
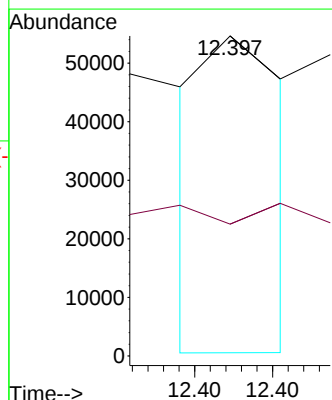
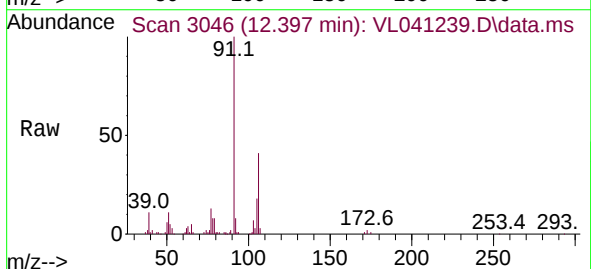
Acq: 8 May 2024 11:56

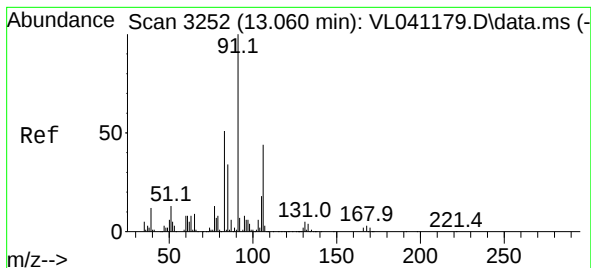
Tgt Ion: 91 Resp: 19455

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#





#60

o-Xylene

Concen: 0.246 ppbv

RT: 13.085 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

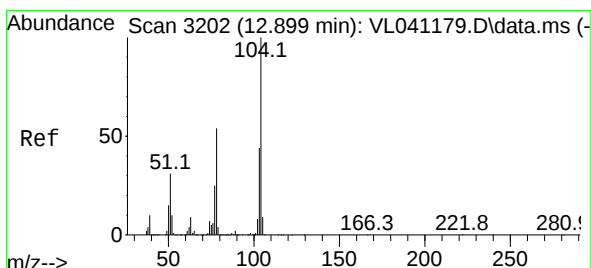
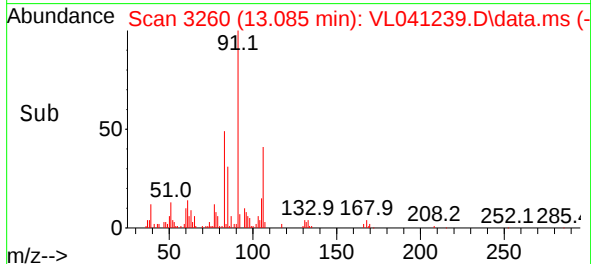
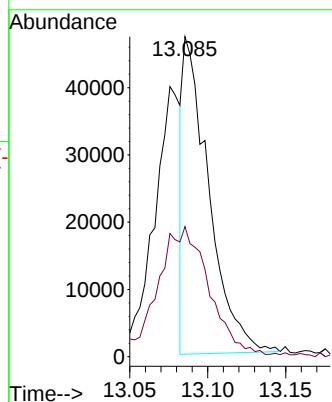
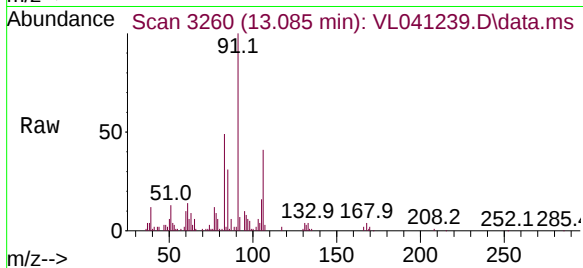
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 91 Resp: 54043

Ion Ratio Lower Upper

91 100

106 83.4 22.4 67.3#



#61

Styrene

Concen: 0.376 ppbv

RT: 12.928 min Scan# 3211

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

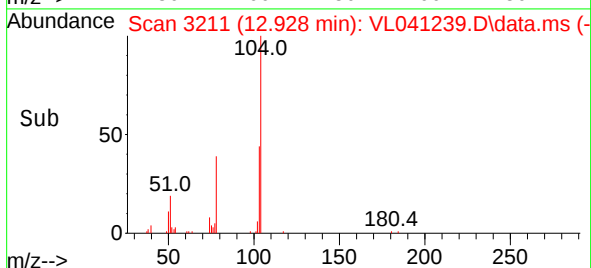
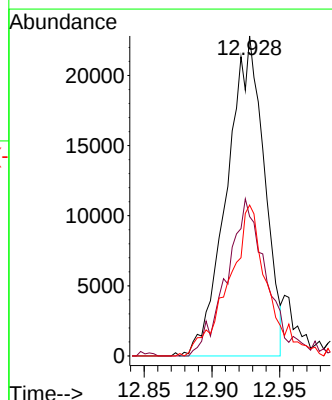
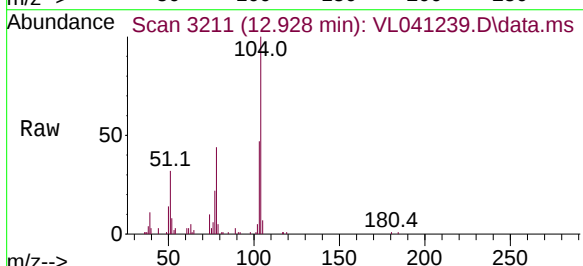
Tgt Ion:104 Resp: 43599

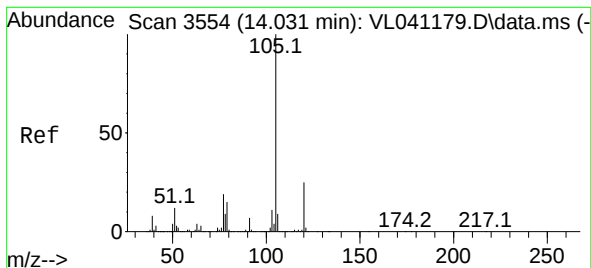
Ion Ratio Lower Upper

104 100

78 53.4 42.6 63.8

103 48.9 38.4 57.6





#62

Isopropylbenzene

Concen: 0.475 ppbv

RT: 14.060 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

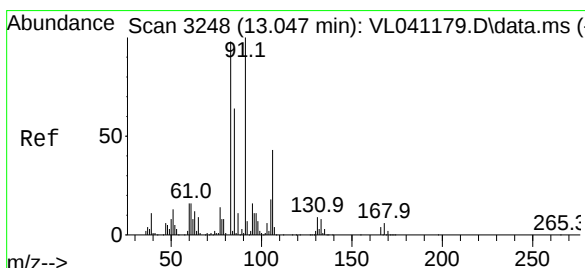
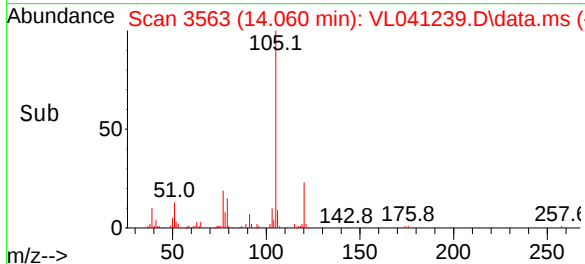
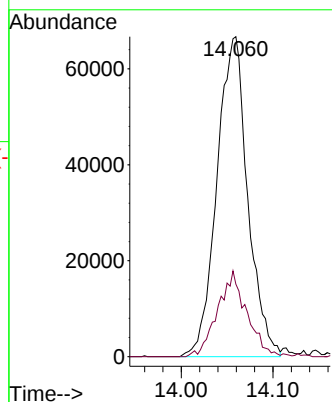
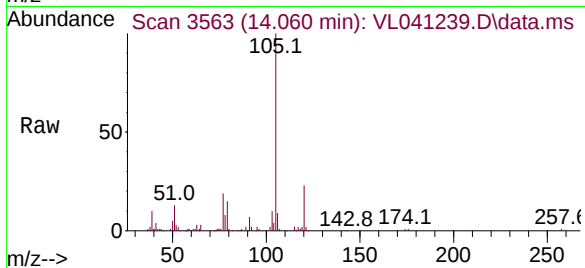
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:105 Resp: 155892

Ion Ratio Lower Upper

105 100

120 25.6 20.2 30.2



#63

1,1,2,2-Tetrachloroethane

Concen: 0.199 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.003 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

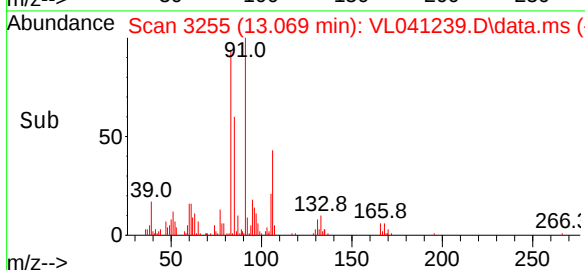
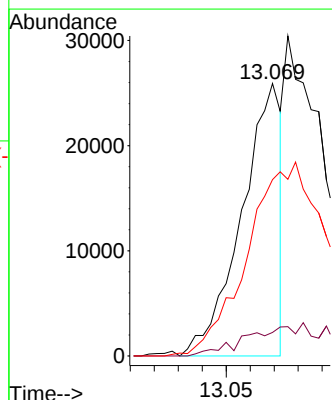
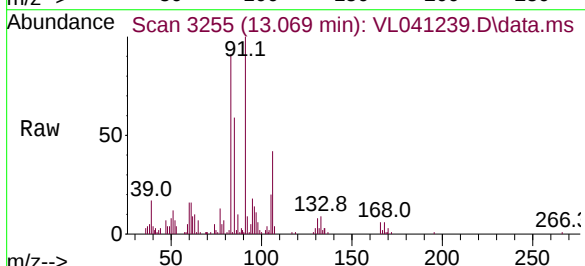
Tgt Ion: 83 Resp: 29768

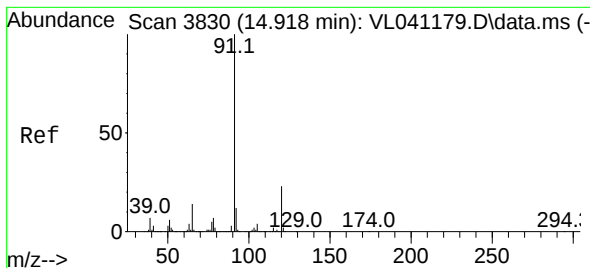
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.7 98.1#





#64

n-propylbenzene

Concen: 0.450 ppbv

RT: 14.947 min Scan# 3839

Delta R.T. 0.013 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

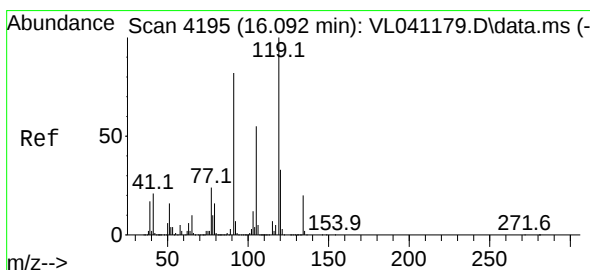
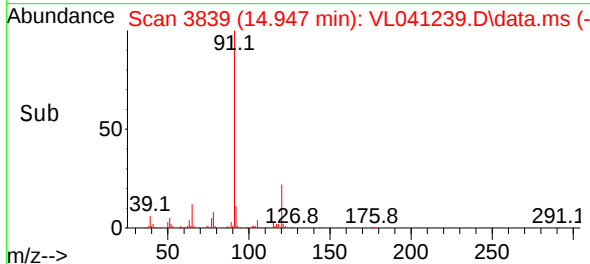
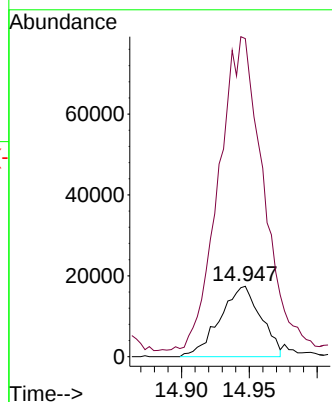
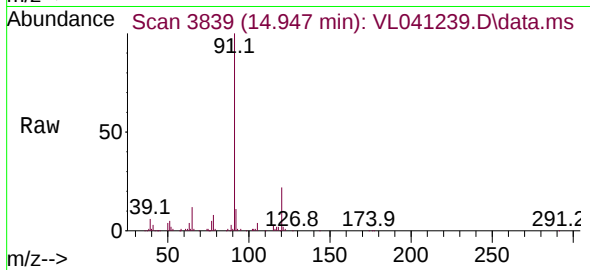
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:120 Resp: 36838

Ion Ratio Lower Upper

120 100

91 527.5 384.8 577.2



#65

tert-Butylbenzene

Concen: 0.446 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

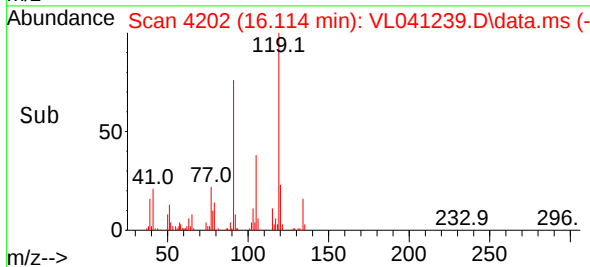
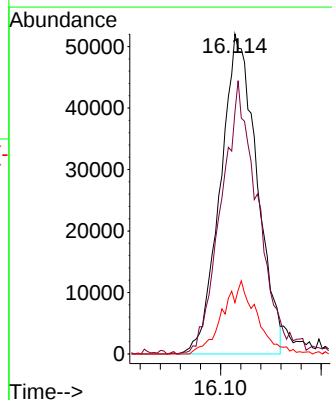
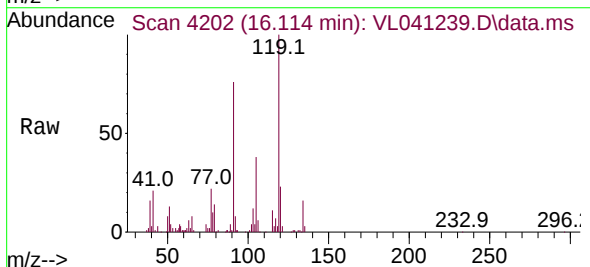
Tgt Ion:119 Resp: 131000

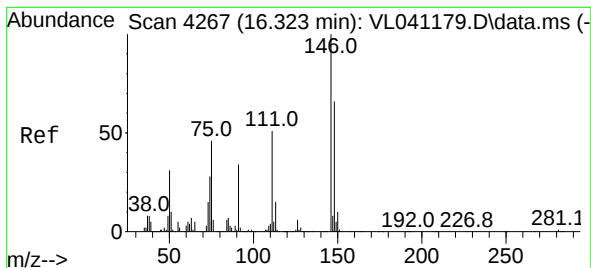
Ion Ratio Lower Upper

119 100

91 88.6 67.0 100.4

134 21.5 15.2 22.8





#66

Benzyl Chloride

Concen: 0.049 ppbv

RT: 16.352 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041239.D

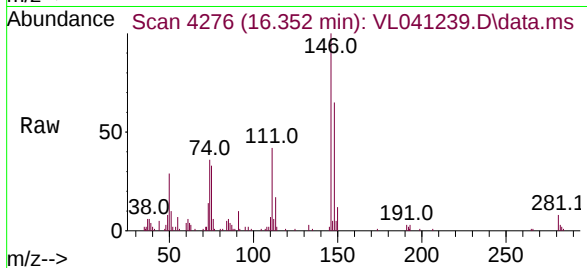
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



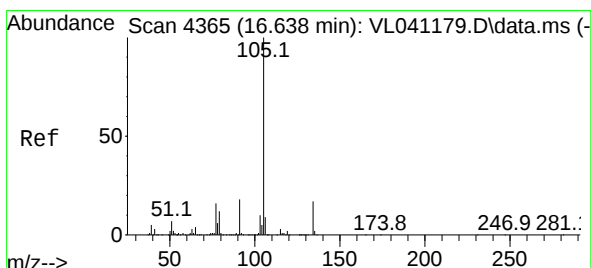
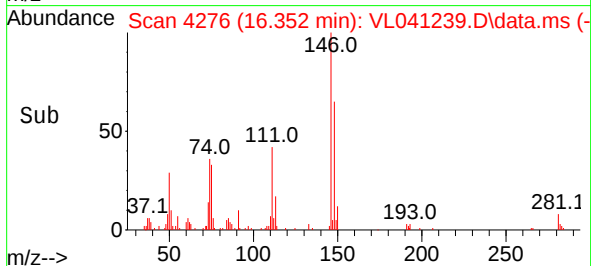
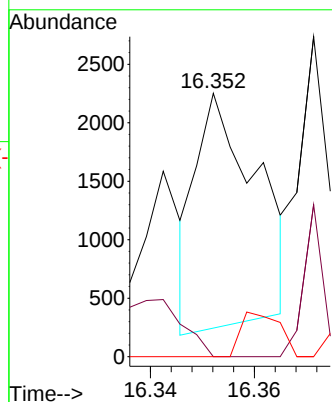
Tgt Ion: 91 Resp: 1615

Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 23.3 4.7 7.1#



#67

sec-Butylbenzene

Concen: 0.461 ppbv

RT: 16.664 min Scan# 4373

Delta R.T. 0.013 min

Lab File: VL041239.D

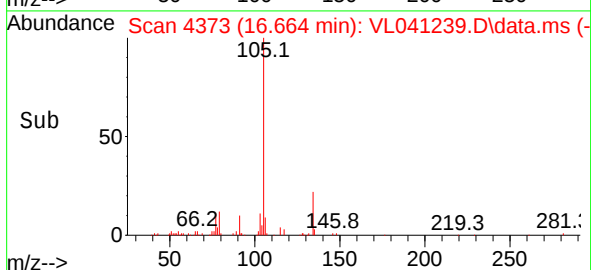
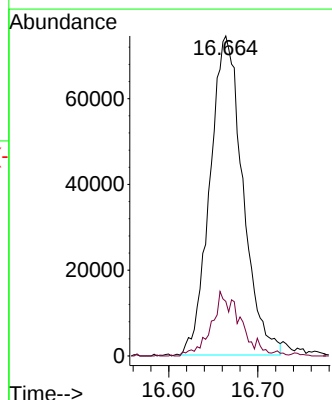
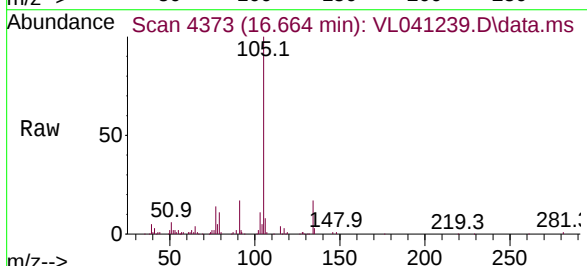
Acq: 8 May 2024 11:56

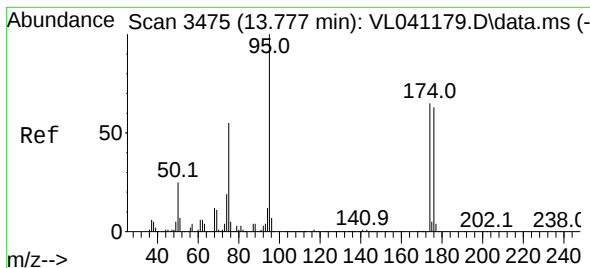
Tgt Ion:105 Resp: 190806

Ion Ratio Lower Upper

105 100

134 18.4 13.8 20.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.102 ppbv

RT: 13.802 min Scan# 3475

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

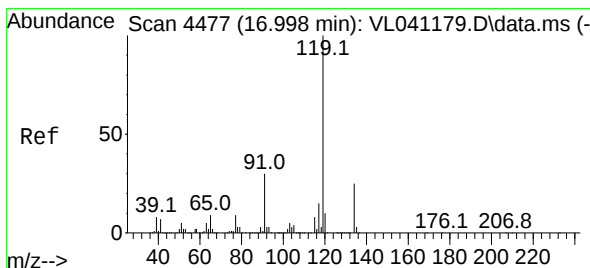
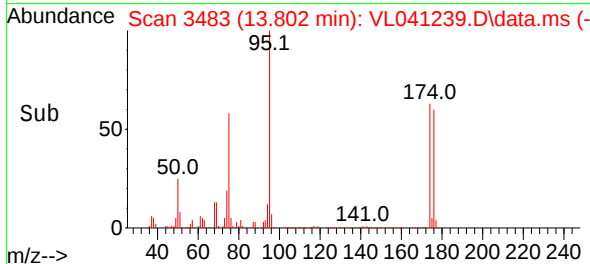
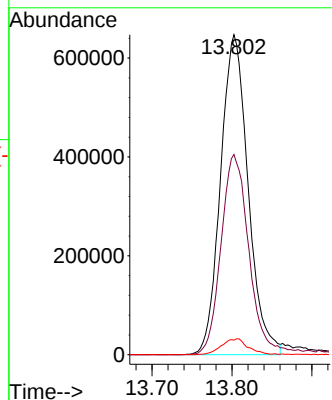
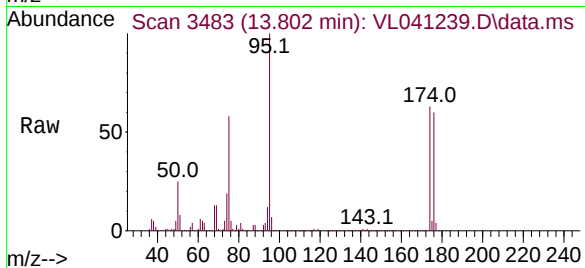
Tgt Ion: 95 Resp: 1549552

Ion Ratio Lower Upper

95 100

174 63.6 53.6 80.4

175 5.0 4.2 6.4



#69

p-Isopropyltoluene

Concen: 0.442 ppbv

RT: 17.021 min Scan# 4484

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

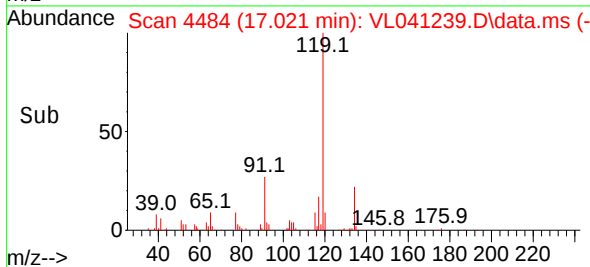
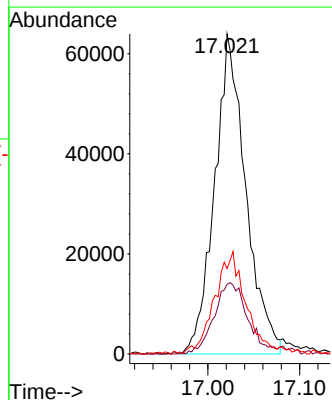
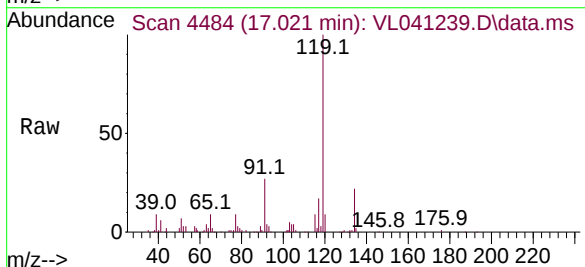
Tgt Ion: 119 Resp: 150831

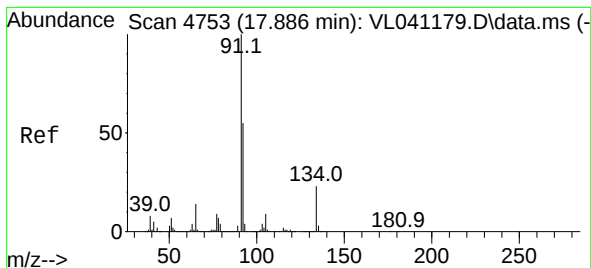
Ion Ratio Lower Upper

119 100

134 25.2 20.1 30.1

91 33.4 24.2 36.2





#70

n-Butylbenzene

Concen: 0.413 ppbv

RT: 17.915 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

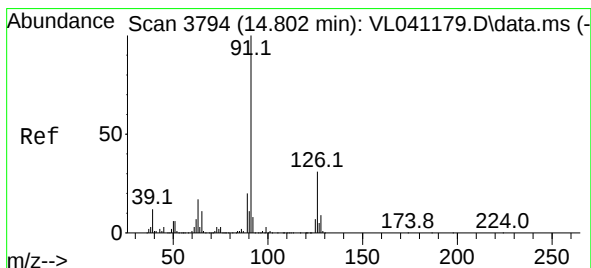
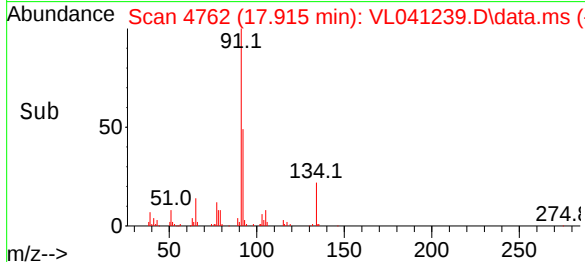
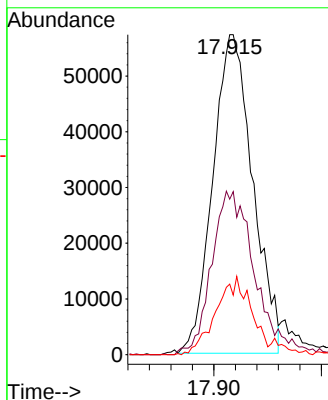
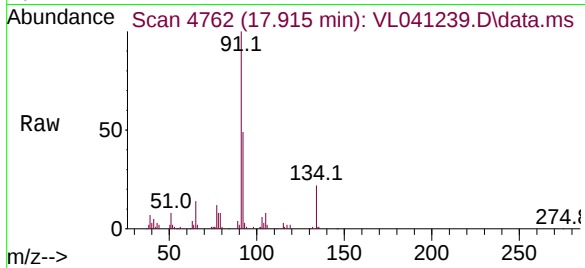
Tgt Ion: 91 Resp: 147254

Ion Ratio Lower Upper

91 100

92 56.5 43.3 64.9

134 23.3 17.8 26.8



#71

2-Chlorotoluene

Concen: 0.452 ppbv

RT: 14.825 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VL041239.D

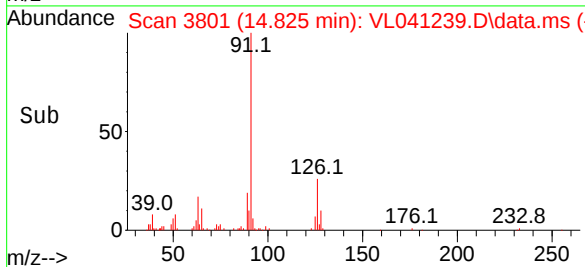
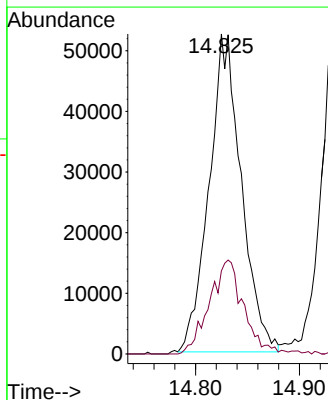
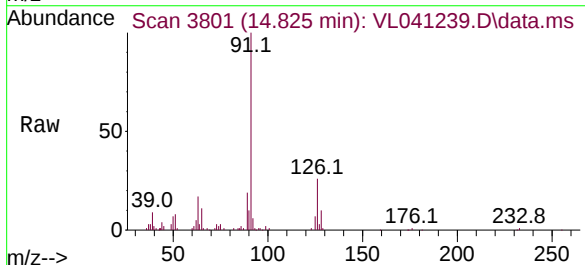
Acq: 8 May 2024 11:56

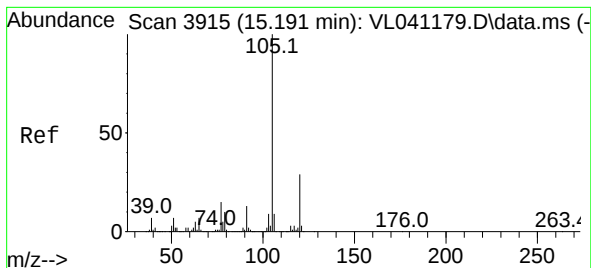
Tgt Ion: 91 Resp: 112984

Ion Ratio Lower Upper

91 100

126 31.9 12.2 48.8





#72

4-Ethyltoluene

Concen: 0.158 ppbv

RT: 15.217 min Scan# 3915

Delta R.T. 0.006 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:105 Resp: 39324

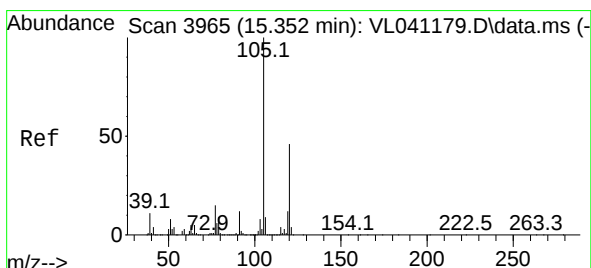
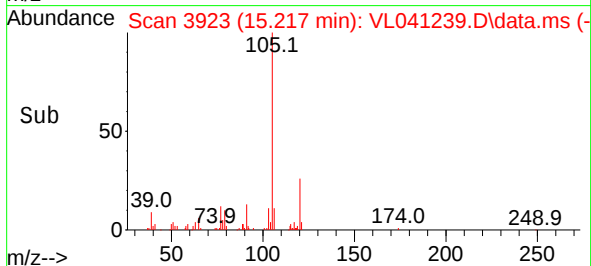
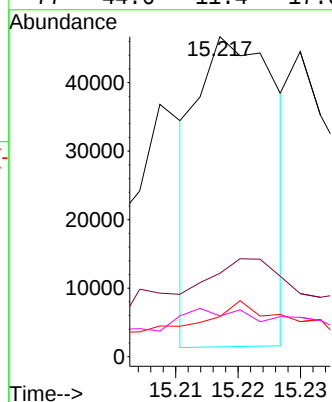
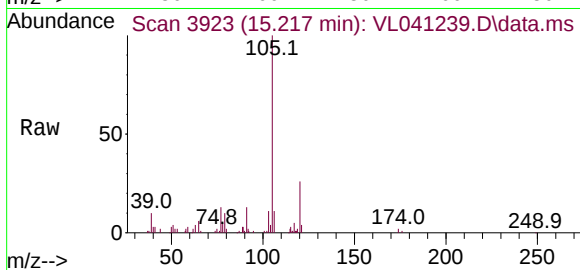
Ion Ratio Lower Upper

105 100

120 89.4 24.7 37.1#

91 43.5 10.3 15.5#

77 44.6 11.4 17.0#



#73

1,3,5-Trimethylbenzene

Concen: 0.428 ppbv

RT: 15.381 min Scan# 3974

Delta R.T. 0.010 min

Lab File: VL041239.D

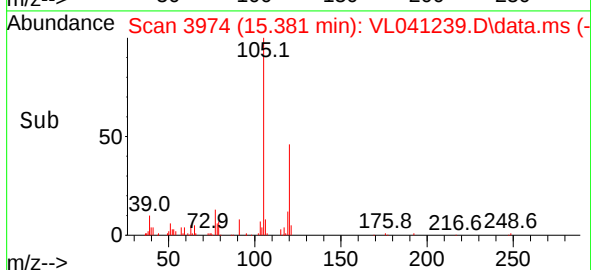
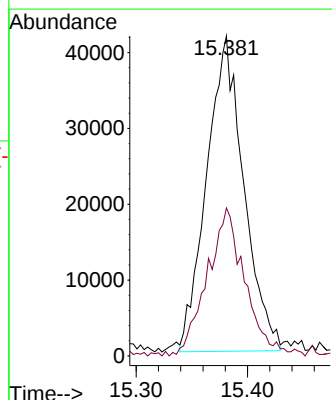
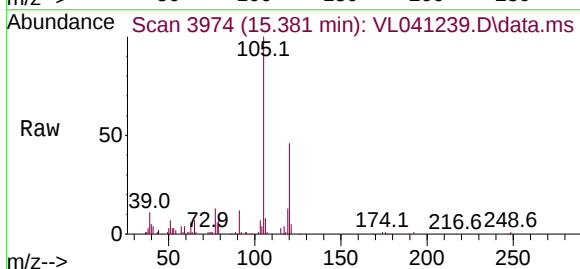
Acq: 8 May 2024 11:56

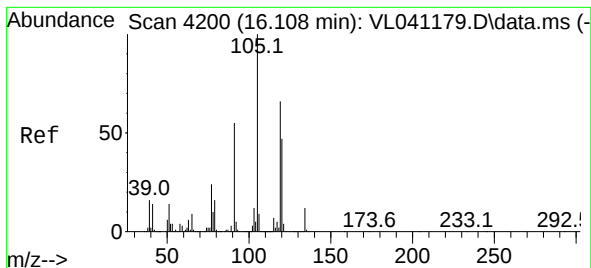
Tgt Ion:105 Resp: 96213

Ion Ratio Lower Upper

105 100

120 45.0 37.0 55.4





#74

1,2,4-Trimethylbenzene

Concen: 0.453 ppbv

RT: 16.137 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041239.D

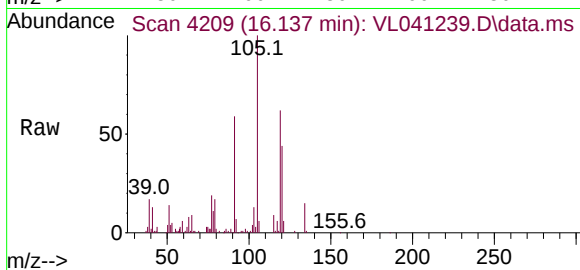
Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion:105 Resp: 111370

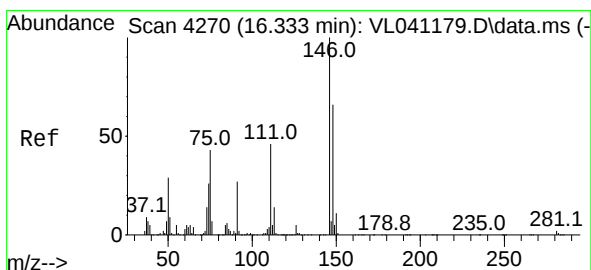
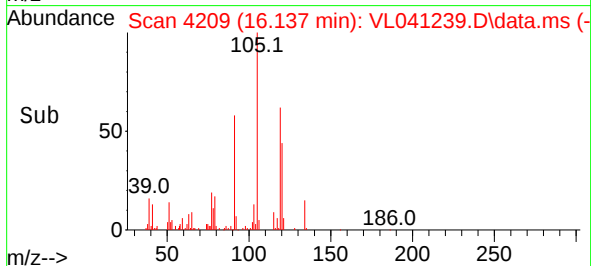
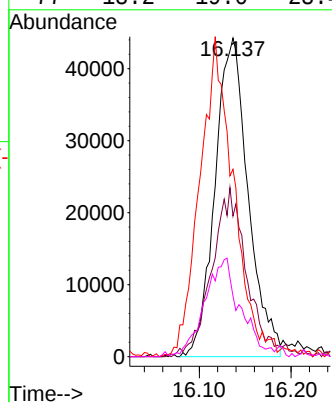
Ion Ratio Lower Upper

105 100

120 41.1 37.8 56.6

91 56.6 44.3 66.5

77 18.2 19.0 28.4#



#75

1,3-Dichlorobenzene

Concen: 0.297 ppbv

RT: 16.362 min Scan# 4279

Delta R.T. 0.013 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

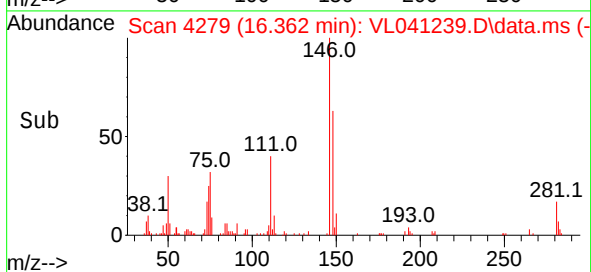
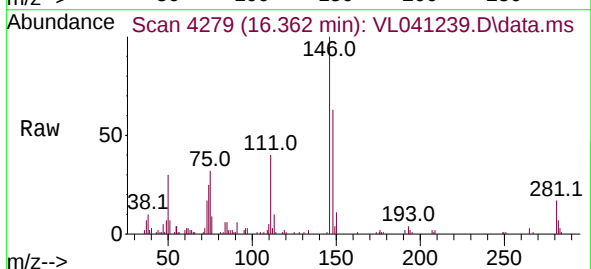
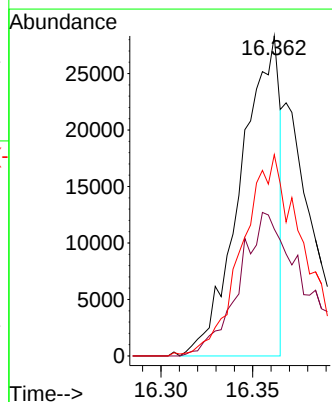
Tgt Ion:146 Resp: 41895

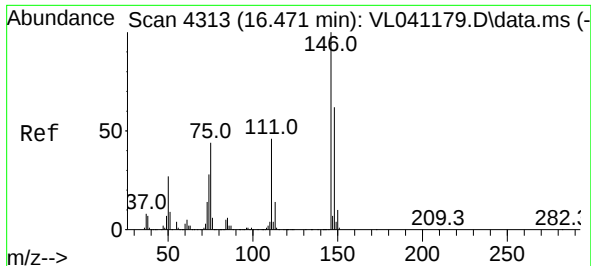
Ion Ratio Lower Upper

146 100

111 76.9 23.7 71.1#

148 107.5 32.5 97.4#

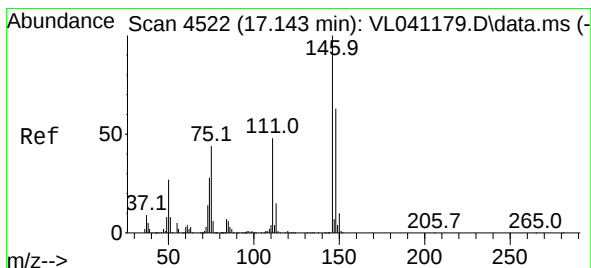
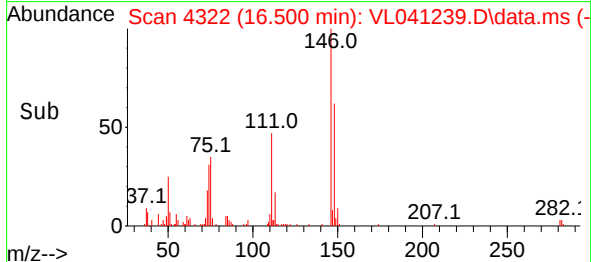
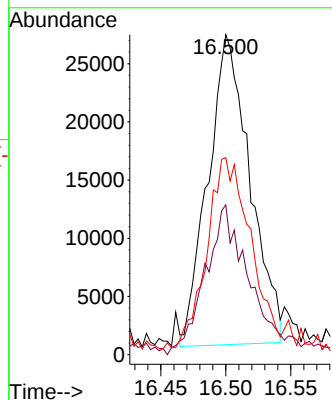
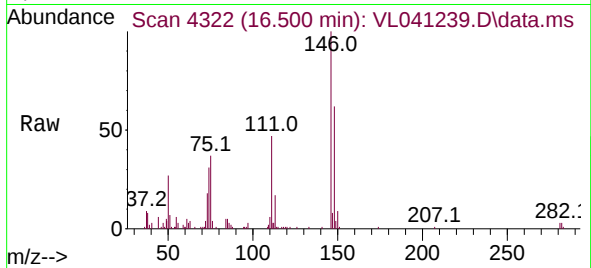




#76
1,4-Dichlorobenzene
Concen: 0.441 ppbv
RT: 16.500 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

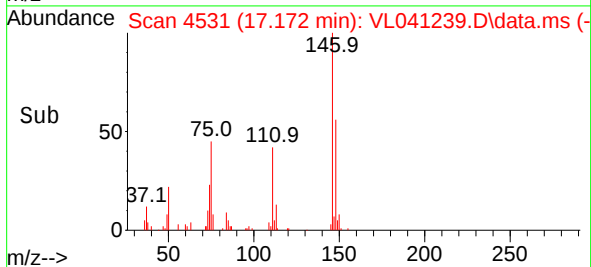
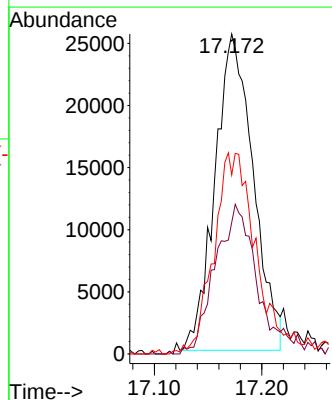
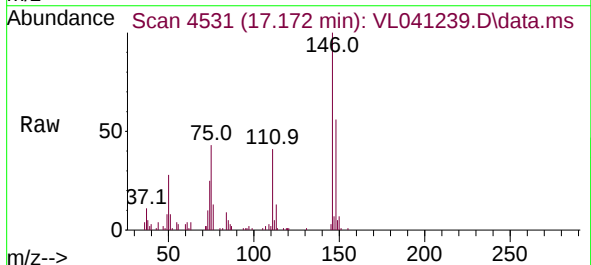
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

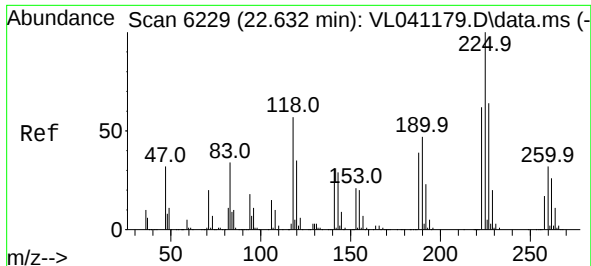
Tgt Ion:146 Resp: 59791
Ion Ratio Lower Upper
146 100
111 53.3 23.3 69.8
148 74.2 32.6 97.7



#77
1,2-Dichlorobenzene
Concen: 0.446 ppbv
RT: 17.172 min Scan# 4531
Delta R.T. 0.010 min
Lab File: VL041239.D
Acq: 8 May 2024 11:56

Tgt Ion:146 Resp: 62813
Ion Ratio Lower Upper
146 100
111 53.6 24.5 73.5
148 73.5 32.6 98.0





#78

Hexachloro-1,3-Butadiene

Concen: 0.106 ppbv

RT: 22.667 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

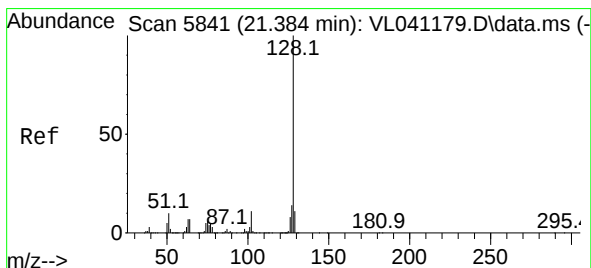
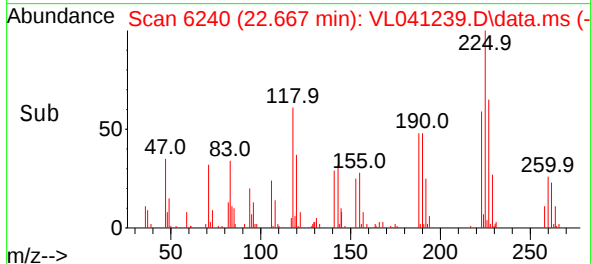
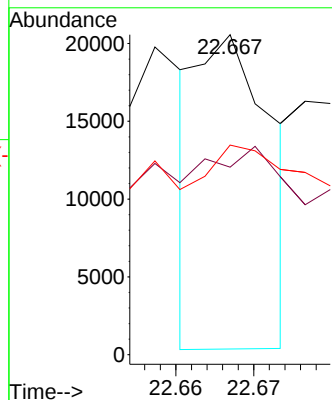
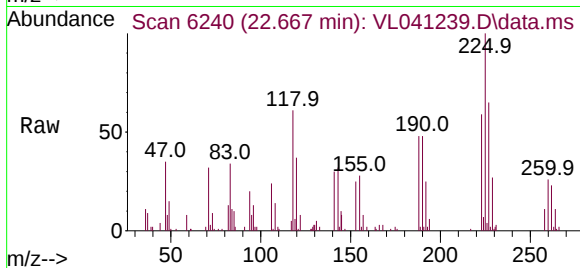
Tgt Ion:225 Resp: 13271

Ion Ratio Lower Upper

225 100

223 295.7 50.9 76.3#

227 300.9 52.0 78.0#



#79

Naphthalene

Concen: 0.125 ppbv

RT: 21.419 min Scan# 5852

Delta R.T. 0.016 min

Lab File: VL041239.D

Acq: 8 May 2024 11:56

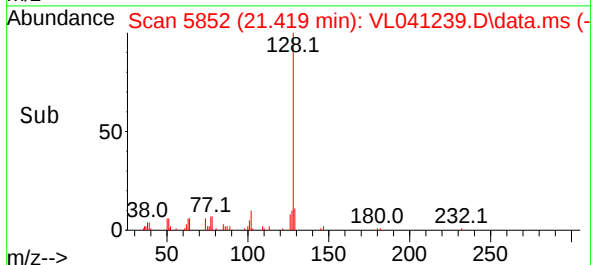
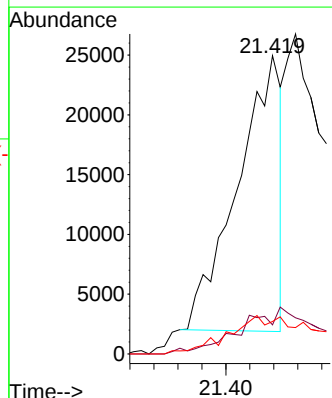
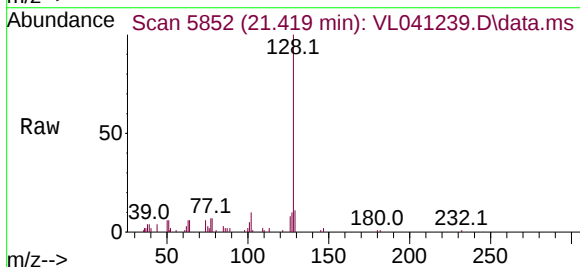
Tgt Ion:128 Resp: 29143

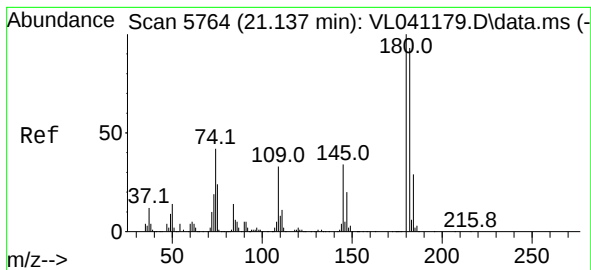
Ion Ratio Lower Upper

128 100

127 8.5 10.8 16.2#

129 10.7 8.9 13.3





#81

1,2,4-Trichlorobenzene

Concen: 0.278 ppbv

RT: 21.175 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL041239.D

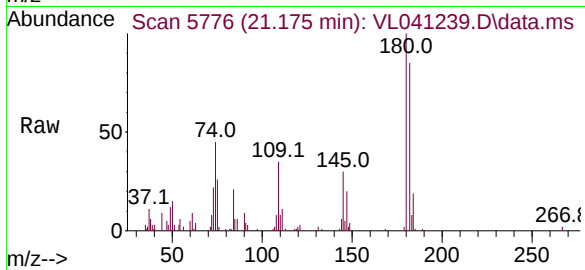
Acq: 8 May 2024 11:56

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion:180 Resp: 34368

Ion Ratio Lower Upper

180 100

182 126.2 77.2 115.8#

184 38.4 24.6 36.8#

