

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040349.D
 Acq On : 12 Apr 2023 23:23
 Operator : SY/MD
 Sample : 02213-15 0.40 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Quant Time: Apr 13 05:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	924773	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2395992	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2140705	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1837310	10.249	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	87696	0.483	ppbv	95
3) Chlorodifluoromethane	2.665	51	52650	0.453	ppbv	100
4) Chloromethane	2.803	50	32654	0.455	ppbv	98
5) Vinyl Chloride	2.909	62	25794	0.444	ppbv #	87
6) Bromomethane	3.108	94	7505	0.372	ppbv	83
7) Chloroethane	3.189	64	5228	0.234	ppbv	93
8) Dichlorotetrafluoroethane	2.845	85	72478	0.467	ppbv	99
9) Propene	2.681	41	20706	0.465	ppbv	97
10) Heptane	7.590	43	36048	0.336	ppbv	98
11) Trichlorofluoromethane	3.552	101	77296	0.470	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.054	101	52906	0.429	ppbv	100
13) Ethanol	3.243	45	928	0.284	ppbv	63
14) Bromoethene	3.359	108	19094	0.415	ppbv	87
15) Acetone	3.472	43	65522	0.582	ppbv	90
16) 1,3-Butadiene	2.973	39	22906	0.448	ppbv	92
17) tert-Butyl alcohol	3.890	59	45663	0.427	ppbv	99
18) 1,1-Dichloroethene	3.874	96	22215	0.419	ppbv #	84
19) Isopropyl Alcohol	3.587	45	19962	0.370	ppbv #	76
20) Methylene Chloride	3.928	84	25229	0.533	ppbv	98
21) Allyl Chloride	3.993	41	29315	0.402	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	21090	0.391	ppbv #	83
23) Vinyl Acetate	4.626	43	9268	0.296	ppbv #	83
24) 1,1-Dichloroethane	4.558	63	44694	0.400	ppbv	98
25) Ethyl Acetate	5.208	43	83071	0.394	ppbv	99
26) Hexane	5.211	57	31587	0.365	ppbv #	79
27) Carbon Disulfide	4.118	76	41344	0.342	ppbv #	88
28) Methyl tert-Butyl Ether	4.597	73	35958	0.362	ppbv #	87
29) Chloroform	5.272	83	69633	0.456	ppbv	93
30) Cyclohexane	6.600	84	9986	0.146	ppbv #	1
31) cis-1,2-Dichloroethene	5.076	61	31714	0.376	ppbv	93
32) 1,1,1-Trichloroethane	6.002	97	65100	0.445	ppbv	98
34) 2-Butanone	4.796	43	53327	0.451	ppbv	99
35) Carbon Tetrachloride	6.494	117	38272	0.255	ppbv	96
36) Benzene	6.365	78	66687	0.365	ppbv	98
37) 1,2-Dichloroethane	5.803	62	23654	0.199	ppbv #	84
38) Trichloroethene	7.295	130	38014	0.381	ppbv	90
39) 1,2-Dichloropropane	7.076	63	27584	0.385	ppbv	98
41) Tetrahydrofuran	5.581	42	5172	0.076	ppbv #	1
42) Bromodichloromethane	7.250	83	64536	0.397	ppbv #	98
43) Methyl Methacrylate	7.484	69	16045	0.236	ppbv #	65
44) 2,2,4-Trimethylpentane	7.333	57	108270	0.356	ppbv	93
45) t-1,3-Dichloropropene	8.722	75	2304	0.039	ppbv	91
46) cis-1,3-Dichloropropene	8.147	75	12049	0.143	ppbv	96

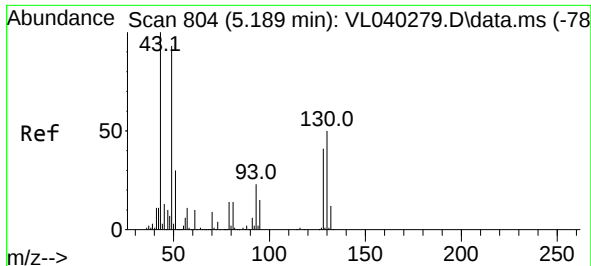
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040349.D
 Acq On : 12 Apr 2023 23:23
 Operator : SY/MD
 Sample : 02213-15 0.40 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Quant Time: Apr 13 05:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.896	97	10857	0.142	ppbv	91
48) Dibromochloromethane	9.719	129	42687	0.339	ppbv	94
49) Bromoform	12.413	173	19878	0.210	ppbv #	26
50) 4-Methyl-2-Pentanone	8.208	43	56307	0.308	ppbv	97
51) 2-Hexanone	9.584	43	27477	0.194	ppbv #	83
52) Tetrachloroethene	10.616	164	8473	0.153	ppbv	89
53) Toluene	9.227	91	52589	0.275	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.523	131	39078	0.434	ppbv #	1
57) Chlorobenzene	11.529	112	36243	0.238	ppbv #	56
58) Ethyl Benzene	12.105	91	38694	0.159	ppbv	91
59) m/p-Xylene	12.381	91	27337	0.122	ppbv #	33
60) o-Xylene	13.073	91	35505	0.166	ppbv #	40
61) Styrene	12.912	104	19104	0.176	ppbv #	66
62) Isopropylbenzene	14.047	105	110425	0.363	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	17491	0.233	ppbv #	14
64) n-propylbenzene	14.928	120	13317	0.179	ppbv #	1
65) tert-Butylbenzene	16.111	119	85593	0.327	ppbv	89
66) Benzyl Chloride	16.330	91	1468	0.086	ppbv #	69
67) sec-Butylbenzene	16.651	105	125389	0.335	ppbv	97
69) p-Isopropyltoluene	17.011	119	91554	0.314	ppbv	94
70) n-Butylbenzene	17.908	91	107417	0.334	ppbv	94
71) 2-Chlorotoluene	14.815	91	71788	0.310	ppbv	96
72) 4-Ethyltoluene	15.211	105	70809	0.303	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.362	105	65657	0.311	ppbv	92
74) 1,2,4-Trimethylbenzene	16.121	105	87224	0.362	ppbv	95
75) 1,3-Dichlorobenzene	16.343	146	21014	0.161	ppbv #	5
76) 1,4-Dichlorobenzene	16.494	146	43581	0.350	ppbv	91
77) 1,2-Dichlorobenzene	17.150	146	15716	0.125	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.641	225	14126	0.153	ppbv #	18
79) Naphthalene	21.384	128	4859	0.034	ppbv #	93
81) 1,2,4-Trichlorobenzene	21.162	180	9644	0.110	ppbv #	12

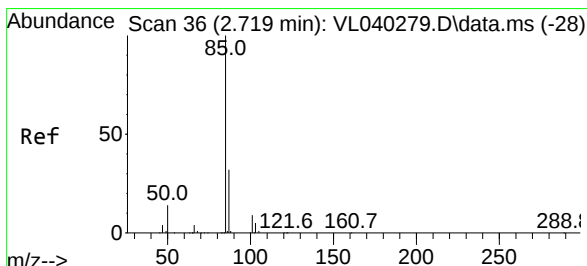
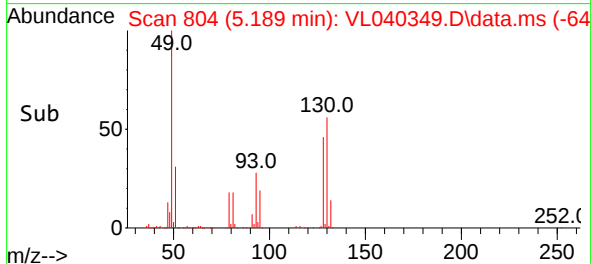
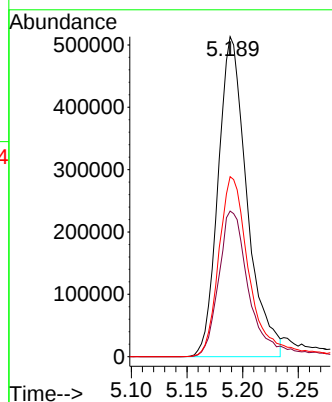
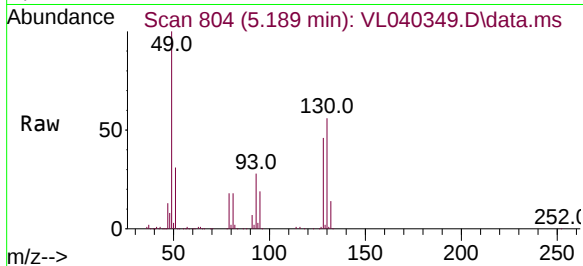
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

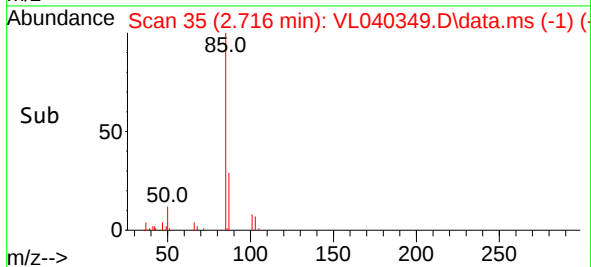
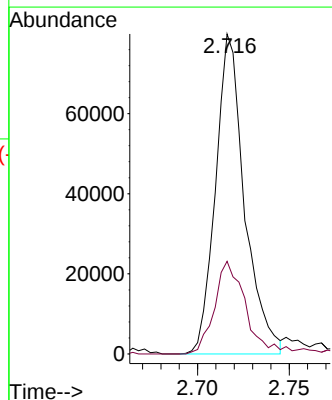
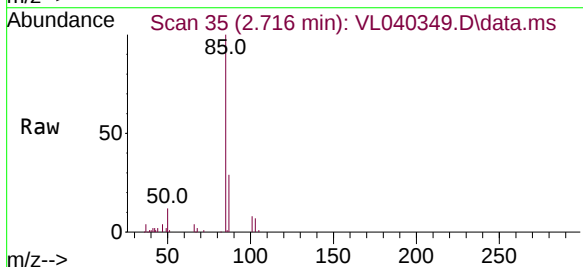
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Tgt Ion: 49 Resp: 924773
 Ion Ratio Lower Upper
 49 100
 128 49.6 22.4 67.3
 130 62.5 28.7 86.1



#2
 Dichlorodifluoromethane
 Concen: 0.483 ppbv
 RT: 2.716 min Scan# 35
 Delta R.T. -0.003 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Tgt Ion: 85 Resp: 87696
 Ion Ratio Lower Upper
 85 100
 87 28.9 25.5 38.3

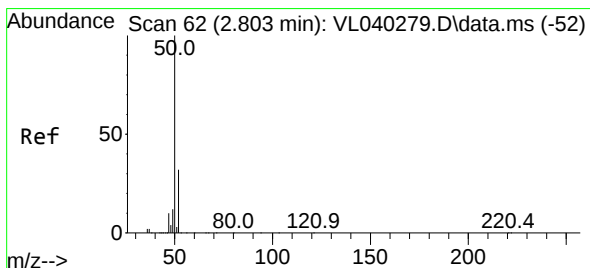
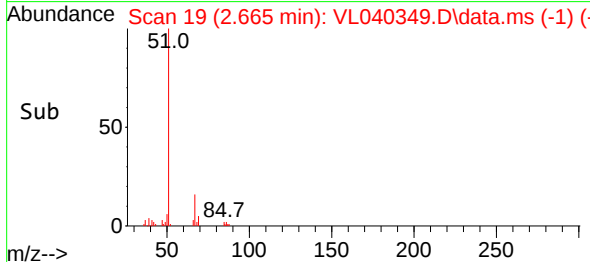
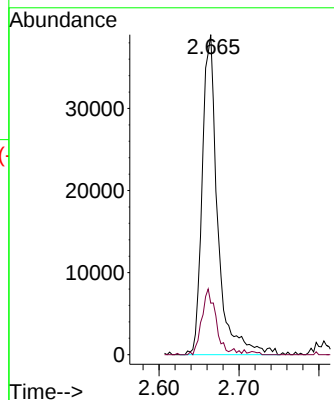
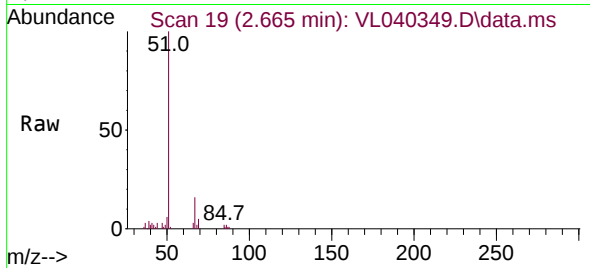




#3
Chlorodifluoromethane
Concen: 0.453 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

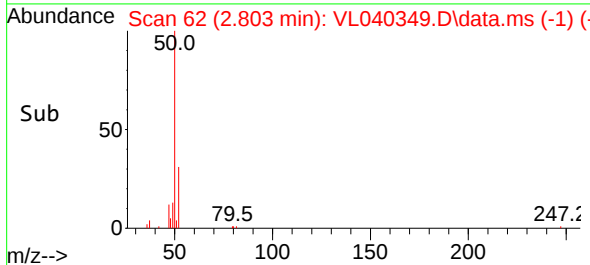
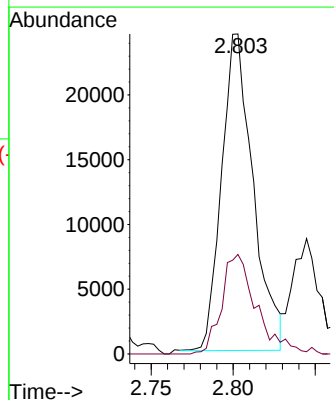
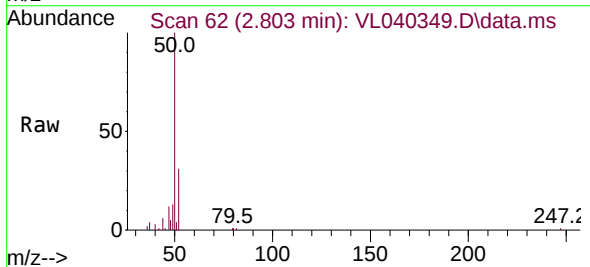
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

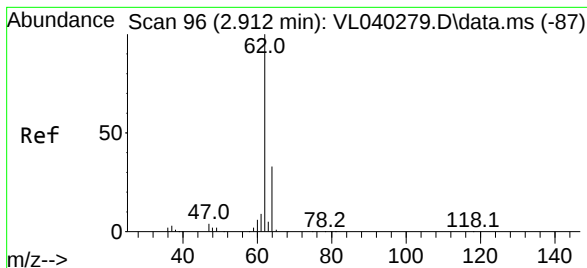
Tgt Ion: 51 Resp: 52650
Ion Ratio Lower Upper
51 100
67 20.0 16.0 24.0



#4
Chloromethane
Concen: 0.455 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 50 Resp: 32654
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9





#5

Vinyl Chloride

Concen: 0.444 ppbv

RT: 2.909 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

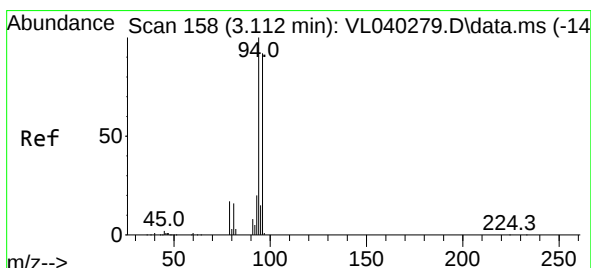
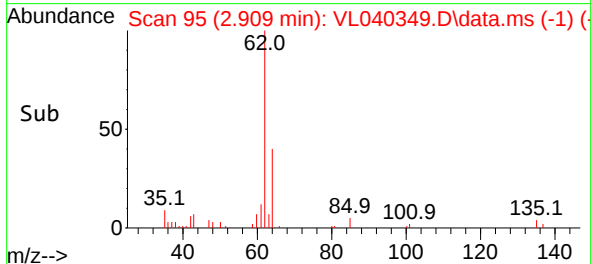
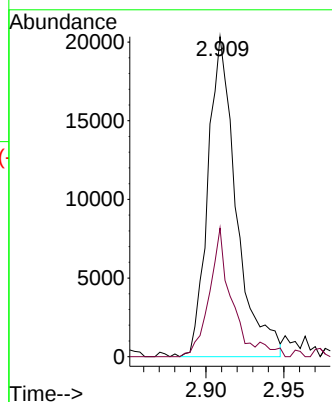
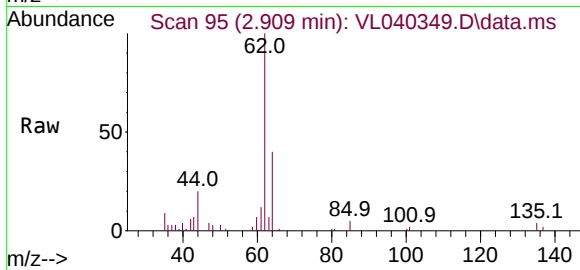
MDL-AIR-03-QT2-2023

Tgt Ion: 62 Resp: 25794

Ion Ratio Lower Upper

62 100

64 40.2 26.4 39.6#



#6

Bromomethane

Concen: 0.372 ppbv

RT: 3.108 min Scan# 157

Delta R.T. -0.004 min

Lab File: VL040349.D

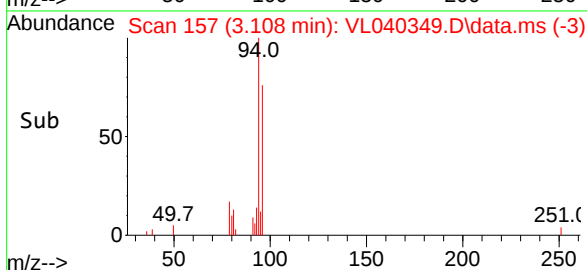
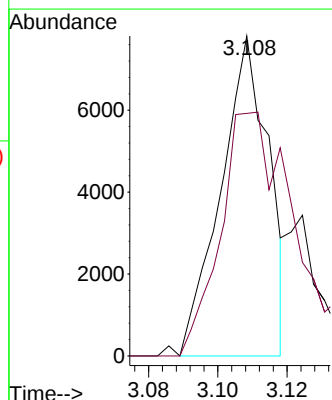
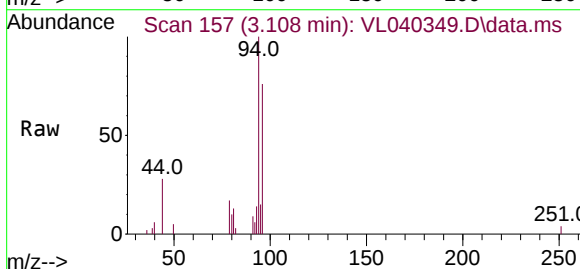
Acq: 12 Apr 2023 23:23

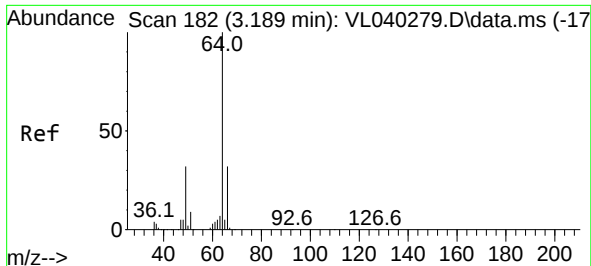
Tgt Ion: 94 Resp: 7505

Ion Ratio Lower Upper

94 100

96 75.8 73.7 110.5

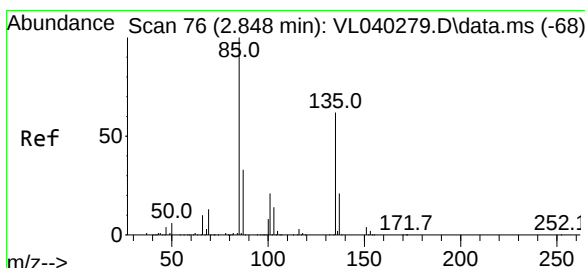
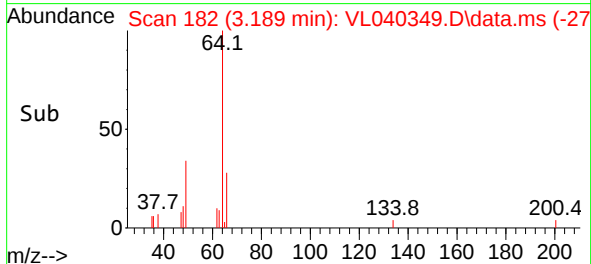
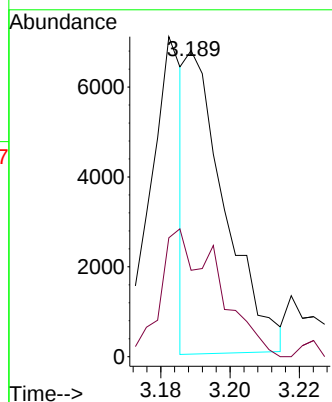
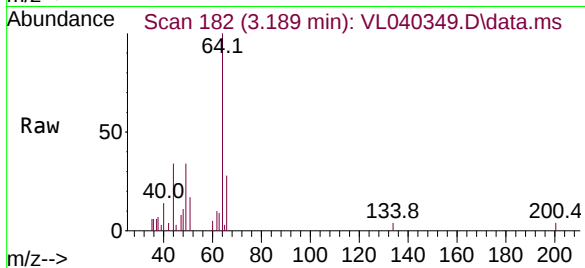




#7
Chloroethane
Concen: 0.234 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

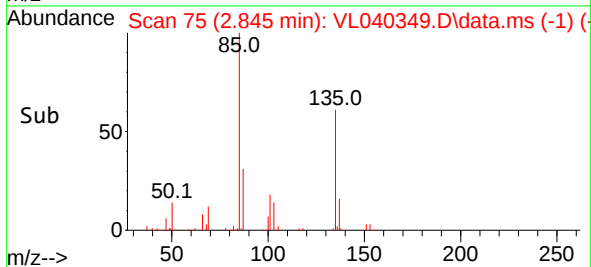
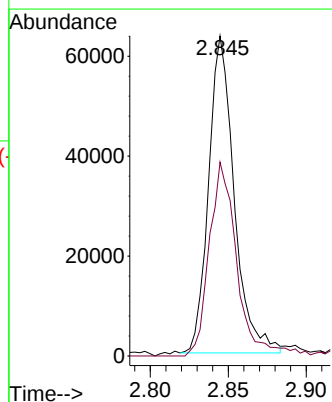
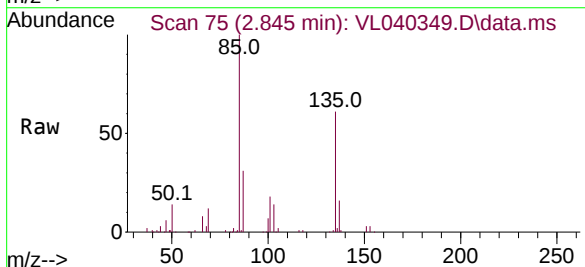
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

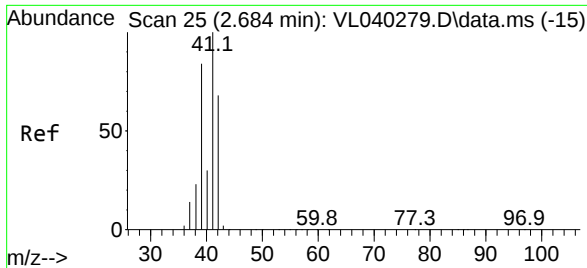
Tgt Ion: 64 Resp: 5228
Ion Ratio Lower Upper
64 100
66 28.2 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 0.467 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 85 Resp: 72478
Ion Ratio Lower Upper
85 100
135 66.1 52.0 78.0

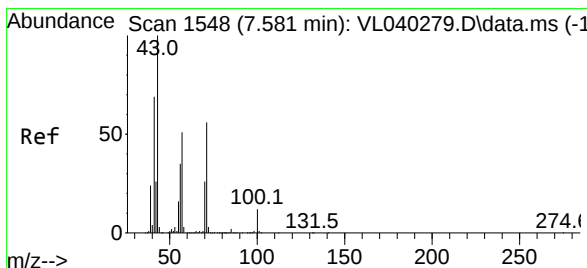
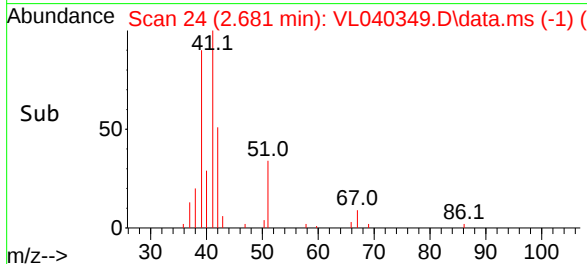
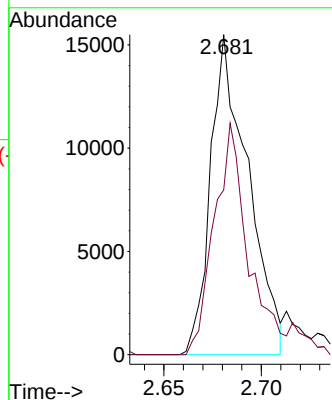
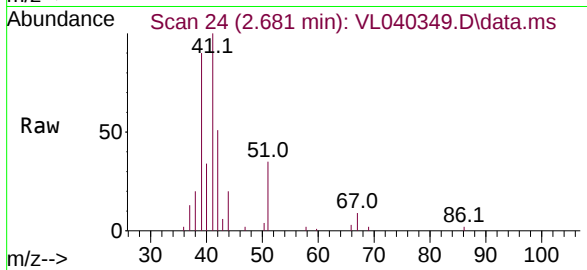




#9
 Propene
 Concen: 0.465 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

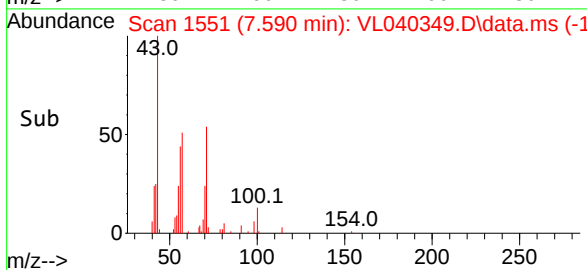
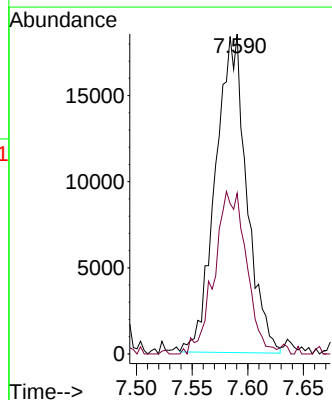
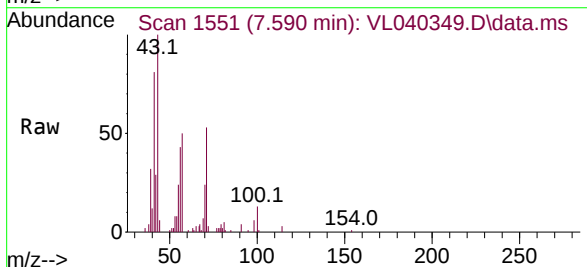
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Tgt Ion: 41 Resp: 20706
 Ion Ratio Lower Upper
 41 100
 42 70.8 59.0 88.4



#10
 Heptane
 Concen: 0.336 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.009 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Tgt Ion: 43 Resp: 36048
 Ion Ratio Lower Upper
 43 100
 57 53.3 41.7 62.5

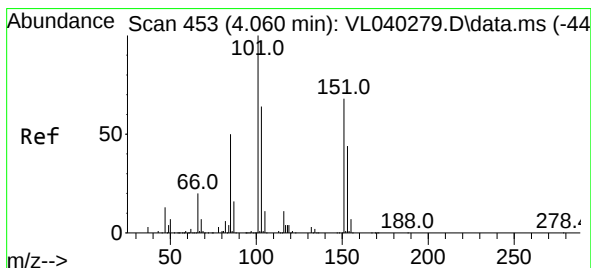
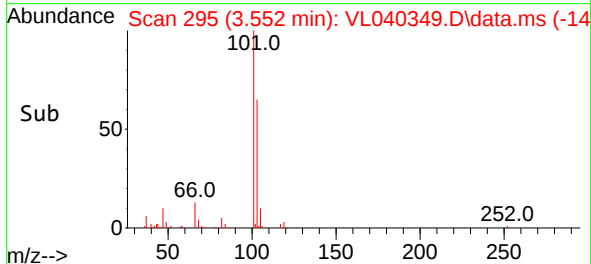
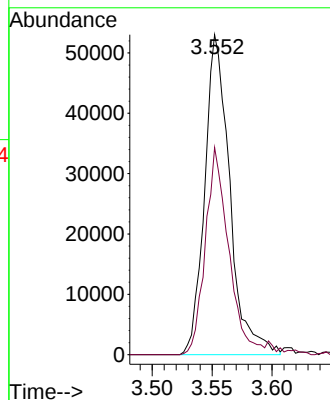
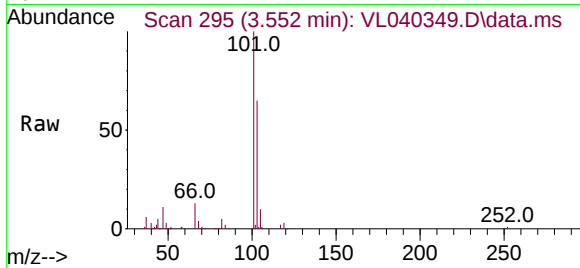




#11
Trichlorofluoromethane
Concen: 0.470 ppbv
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

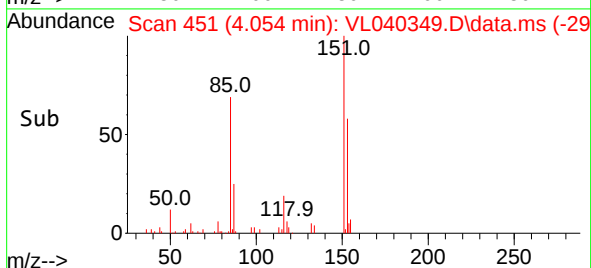
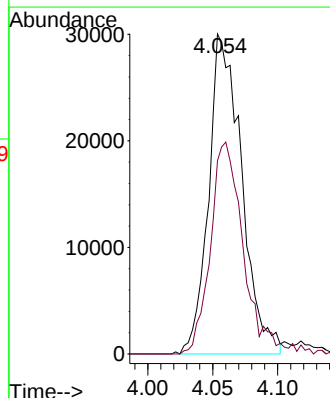
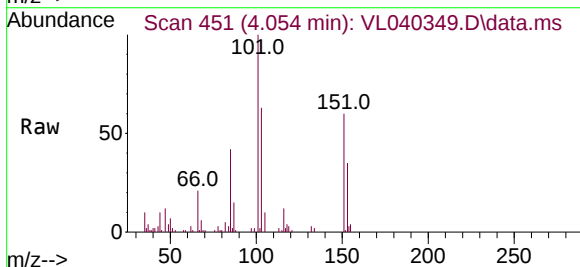
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

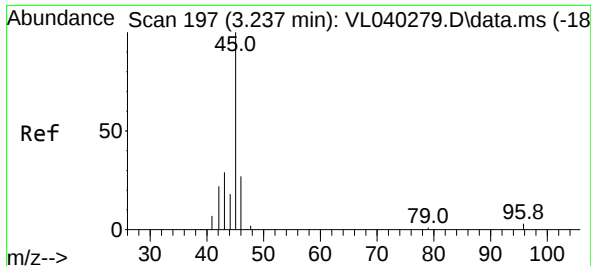
Tgt Ion:101 Resp: 77296
Ion Ratio Lower Upper
101 100
103 64.8 53.1 79.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.429 ppbv
RT: 4.054 min Scan# 451
Delta R.T. -0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:101 Resp: 52906
Ion Ratio Lower Upper
101 100
151 66.7 53.2 79.8





#13

Ethanol

Concen: 0.284 ppbv

RT: 3.243 min Scan# 197

Delta R.T. 0.006 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

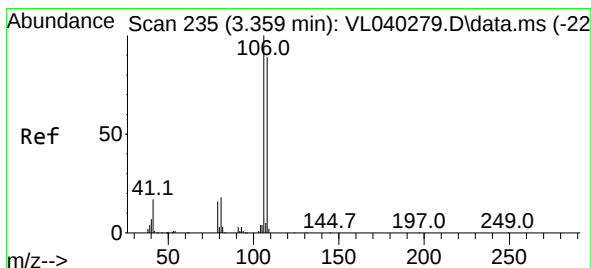
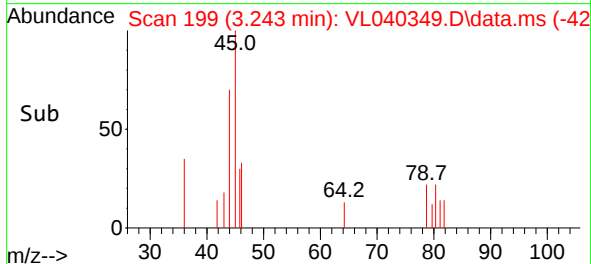
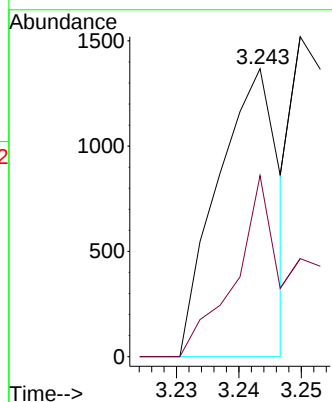
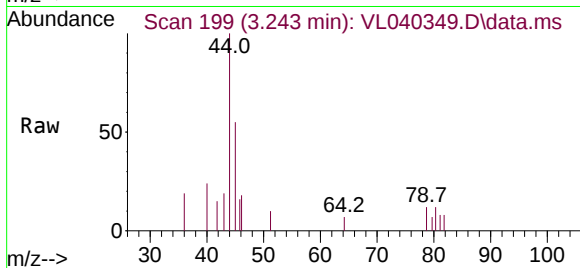
MDL-AIR-03-QT2-2023

Tgt Ion: 45 Resp: 928

Ion Ratio Lower Upper

45 100

46 59.8 15.0 60.2



#14

Bromoethene

Concen: 0.415 ppbv

RT: 3.359 min Scan# 235

Delta R.T. 0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

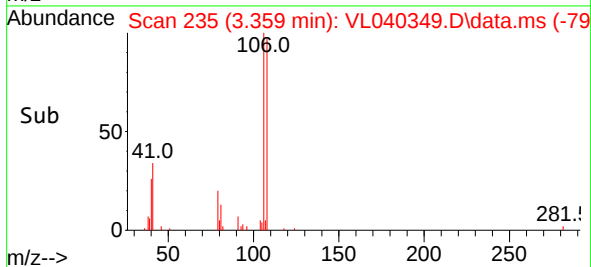
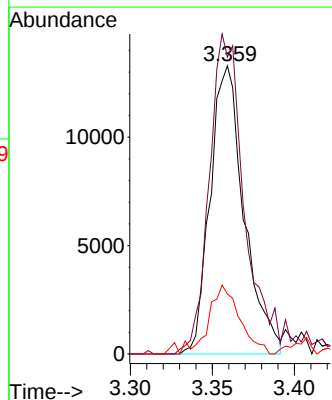
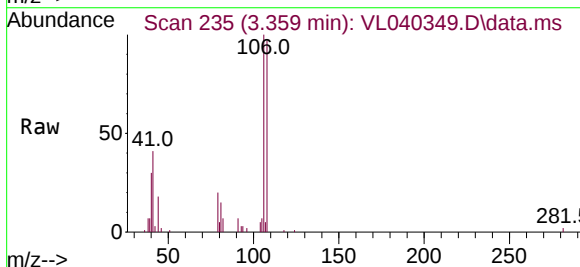
Tgt Ion: 108 Resp: 19094

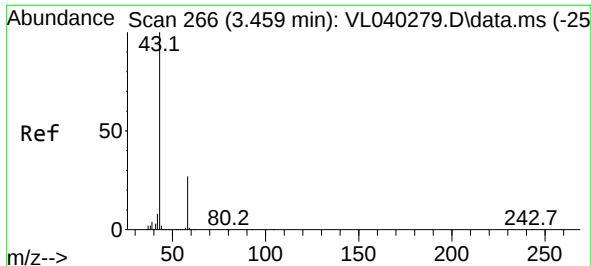
Ion Ratio Lower Upper

108 100

106 122.4 85.8 128.8

79 22.6 15.8 23.6





#15

Acetone

Concen: 0.582 ppbv

RT: 3.472 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

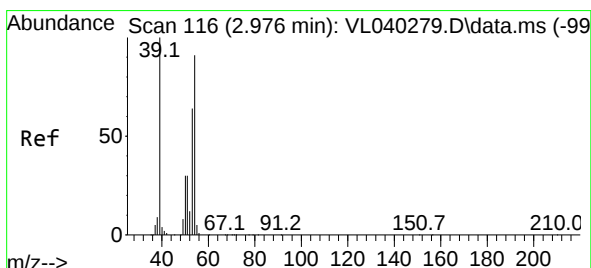
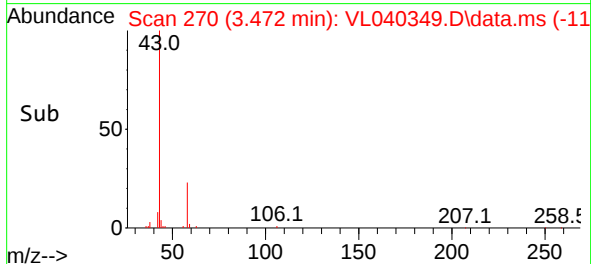
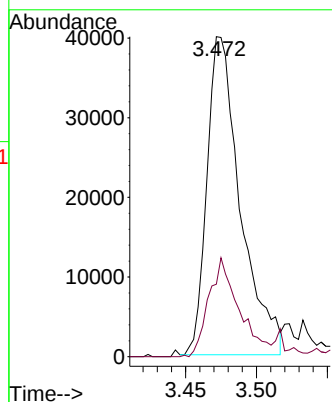
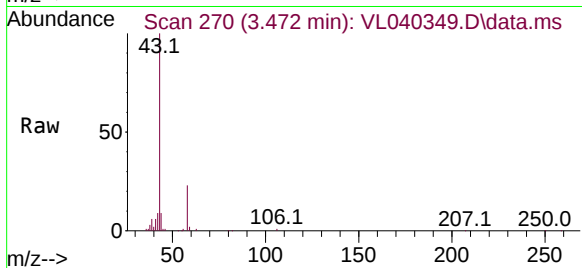
MDL-AIR-03-QT2-2023

Tgt Ion: 43 Resp: 65522

Ion Ratio Lower Upper

43 100

58 32.7 21.8 32.8



#16

1,3-Butadiene

Concen: 0.448 ppbv

RT: 2.973 min Scan# 115

Delta R.T. -0.003 min

Lab File: VL040349.D

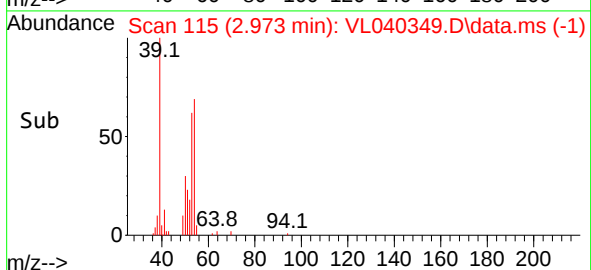
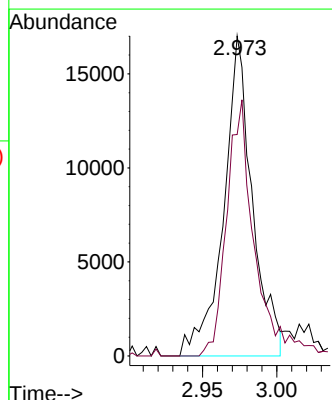
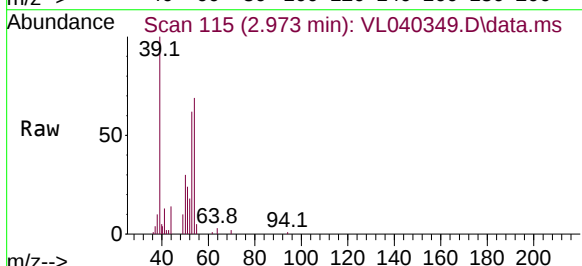
Acq: 12 Apr 2023 23:23

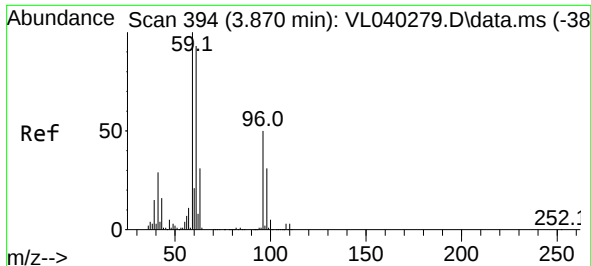
Tgt Ion: 39 Resp: 22906

Ion Ratio Lower Upper

39 100

54 77.9 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.427 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.020 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

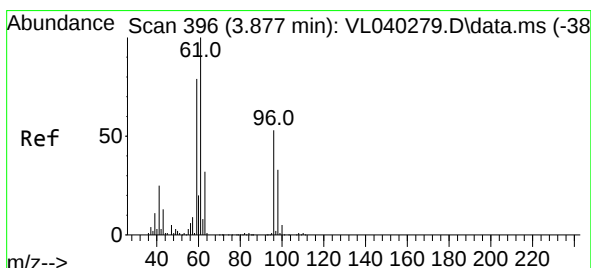
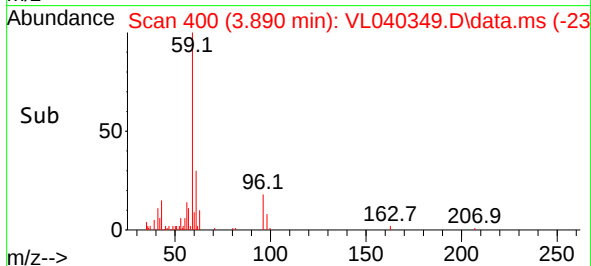
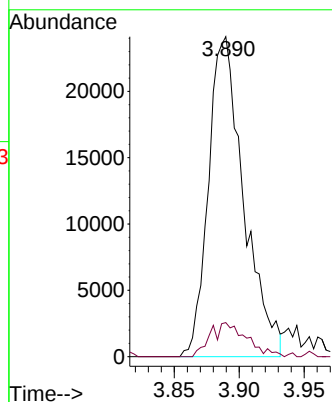
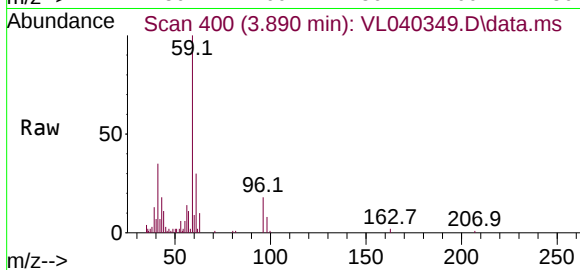
MDL-AIR-03-QT2-2023

Tgt Ion: 59 Resp: 45663

Ion Ratio Lower Upper

59 100

57 11.1 8.5 12.7



#18

1,1-Dichloroethene

Concen: 0.419 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

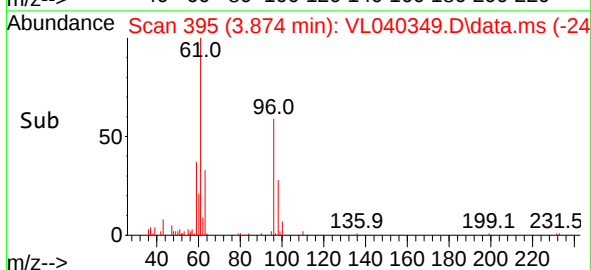
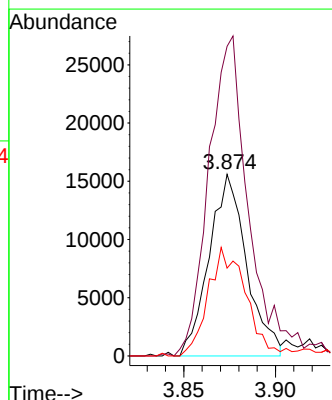
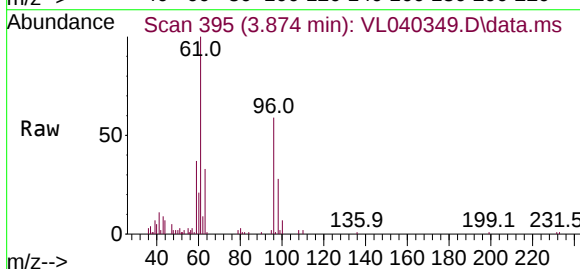
Tgt Ion: 96 Resp: 22215

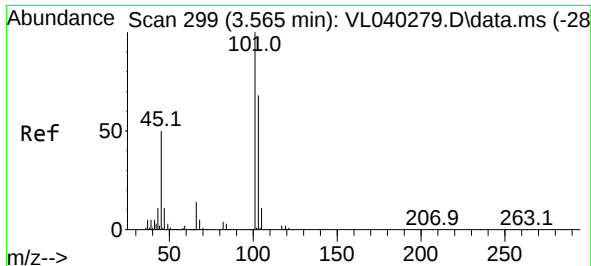
Ion Ratio Lower Upper

96 100

61 166.6 150.6 226.0

98 48.4 50.3 75.5#





#19

Isopropyl Alcohol

Concen: 0.370 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.022 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

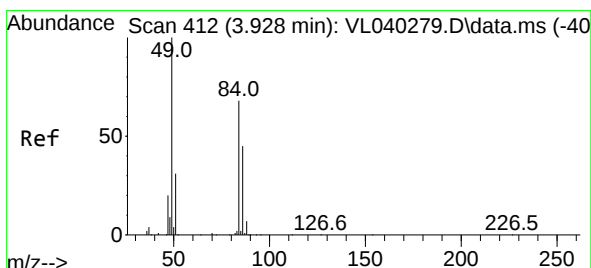
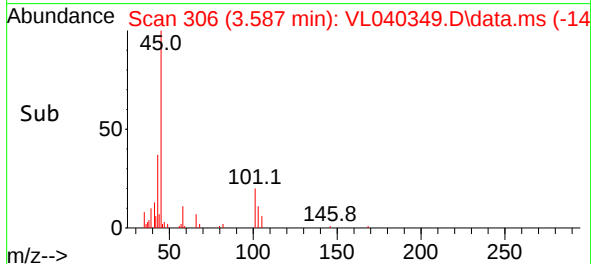
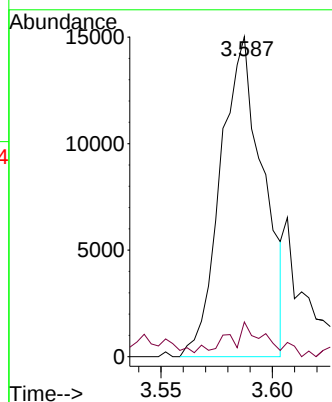
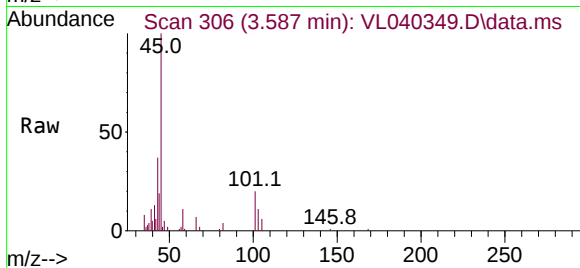
MDL-AIR-03-QT2-2023

Tgt Ion: 45 Resp: 19962

Ion Ratio Lower Upper

45 100

58 11.5 2.7 4.1#



#20

Methylene Chloride

Concen: 0.533 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Tgt Ion: 84 Resp: 25229

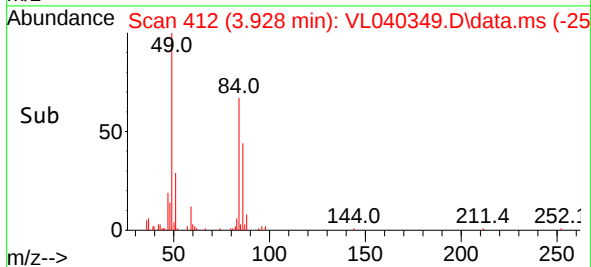
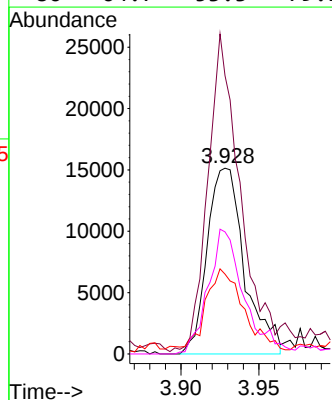
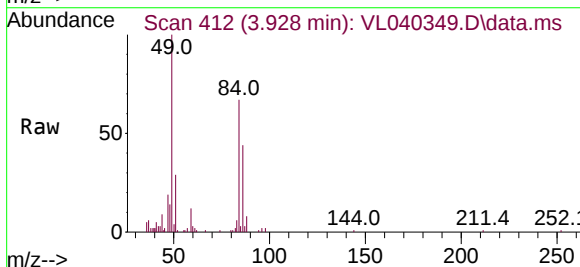
Ion Ratio Lower Upper

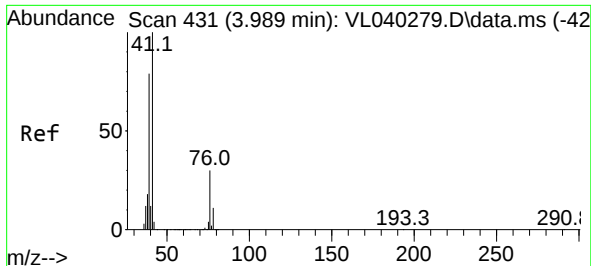
84 100

49 147.3 117.5 176.3

51 39.9 36.9 55.3

86 64.7 53.3 79.9





#21

Allyl Chloride

Concen: 0.402 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

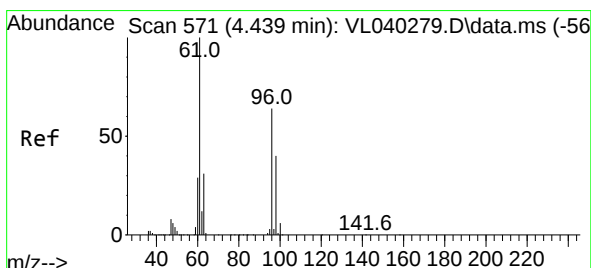
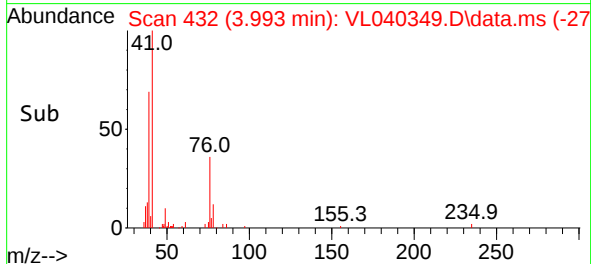
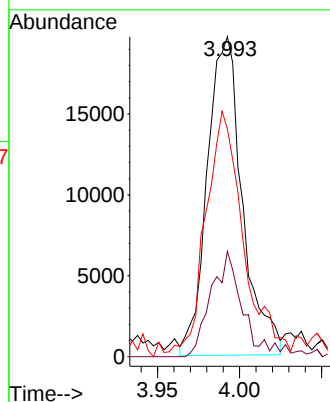
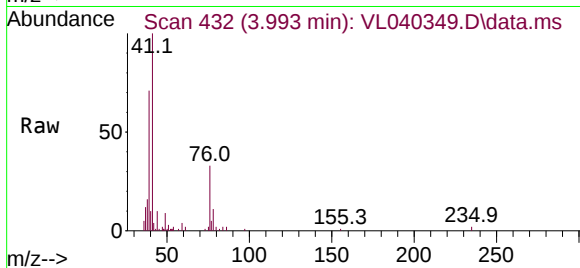
Tgt Ion: 41 Resp: 29315

Ion Ratio Lower Upper

41 100

76 28.4 25.4 38.0

39 82.1 65.4 98.2



#22

trans-1,2-Dichloroethene

Concen: 0.391 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.004 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

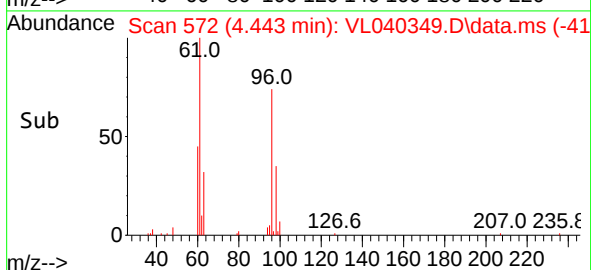
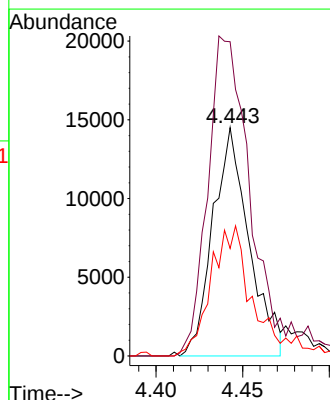
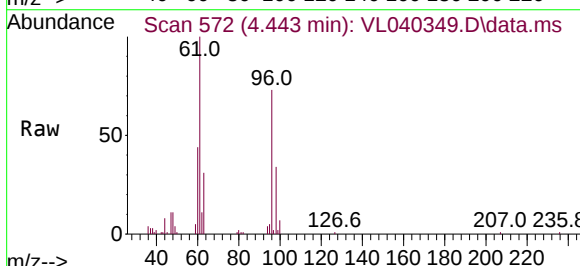
Tgt Ion: 96 Resp: 21090

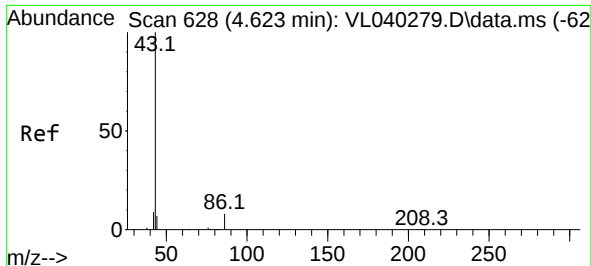
Ion Ratio Lower Upper

96 100

61 136.3 125.4 188.2

98 45.3 49.8 74.6#

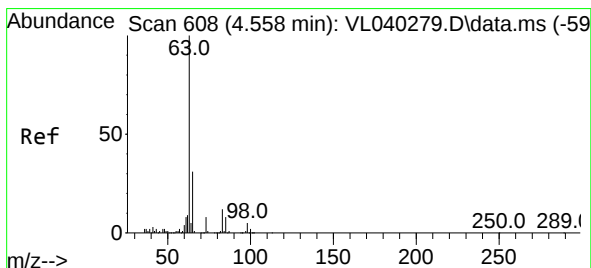
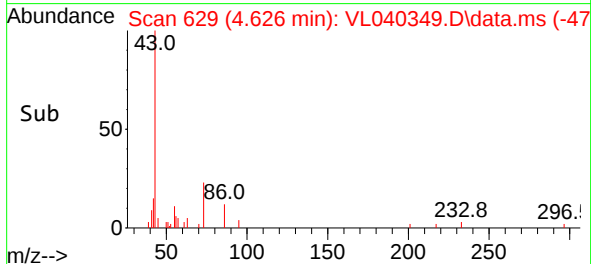
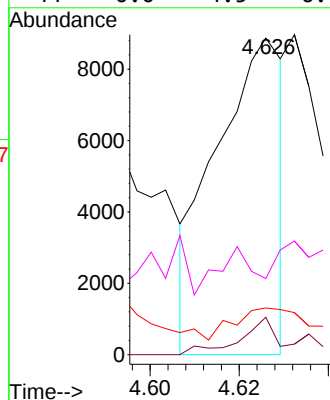
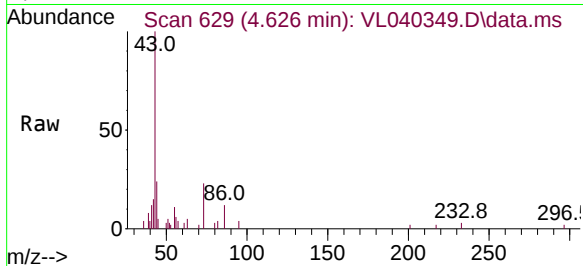




#23
 Vinyl Acetate
 Concen: 0.296 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

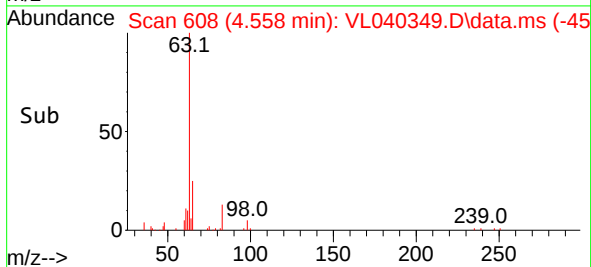
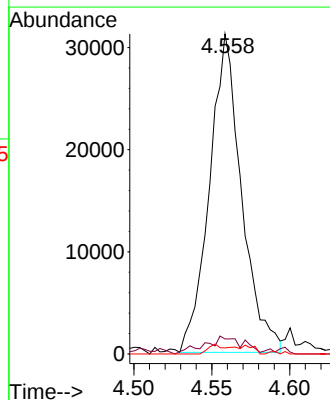
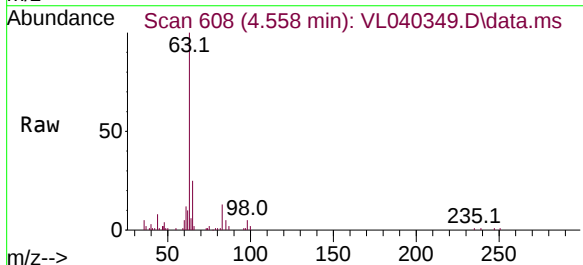
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL-AIR-03-QT2-2023

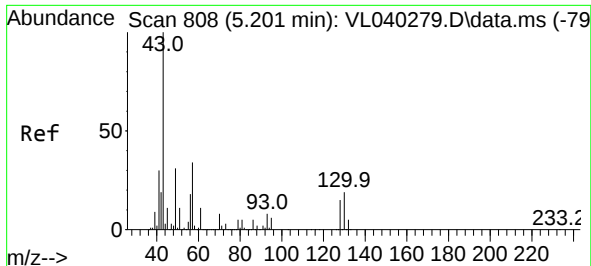
Tgt Ion: 43 Resp: 9268
 Ion Ratio Lower Upper
 43 100
 86 20.2 5.0 7.4#
 42 13.2 9.1 13.7
 44 0.0 4.5 6.7#



#24
 1,1-Dichloroethane
 Concen: 0.400 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Tgt Ion: 63 Resp: 44694
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.4 7.2
 100 1.9 1.2 3.6

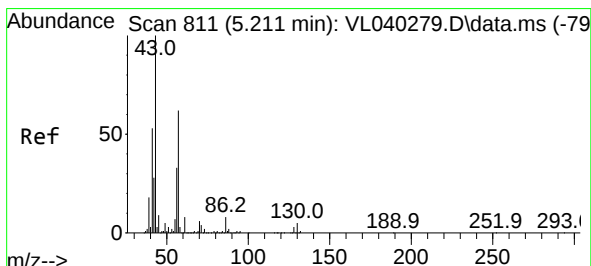
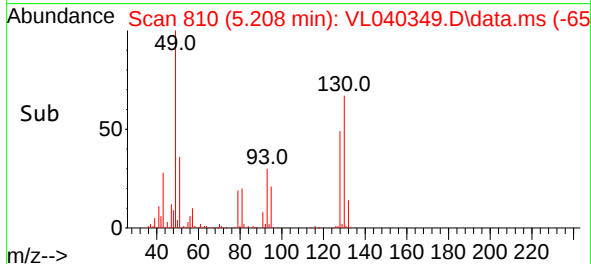
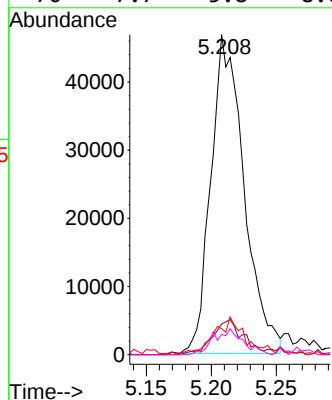
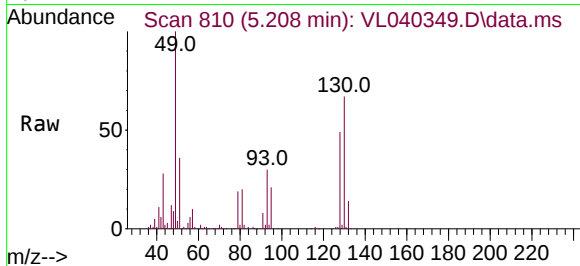




#25
Ethyl Acetate
Concen: 0.394 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

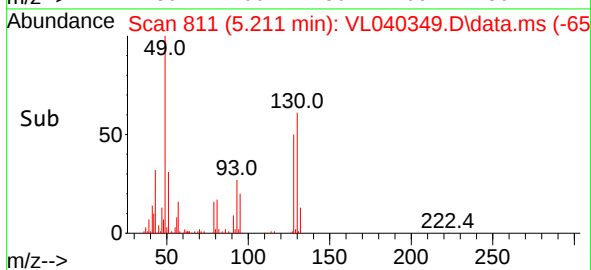
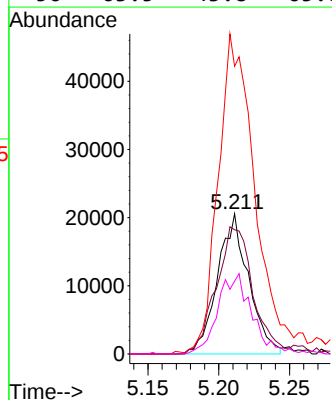
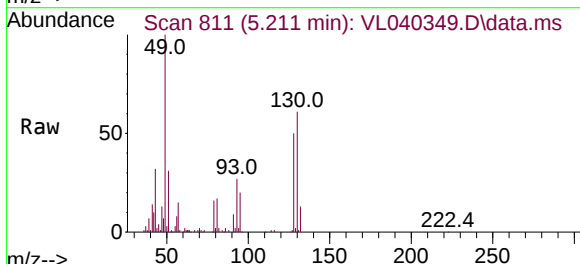
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

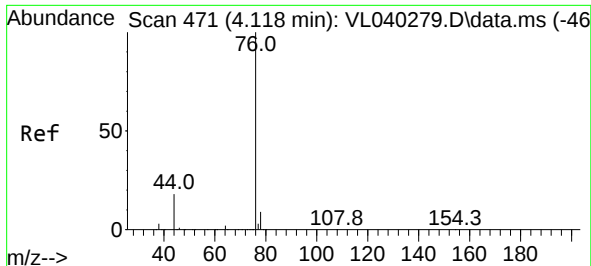
Tgt Ion: 43	Resp: 83071
Ion Ratio	Lower Upper
43	100
45	11.6 8.6 12.8
61	10.7 8.4 12.6
70	7.7 5.8 8.6



#26
Hexane
Concen: 0.365 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 57	Resp: 31587
Ion Ratio	Lower Upper
57	100
41	111.8 73.5 110.3#
43	283.9 196.3 294.5
56	63.5 43.8 65.8





#27

Carbon Disulfide

Concen: 0.342 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

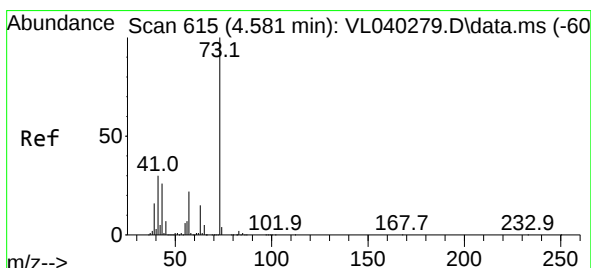
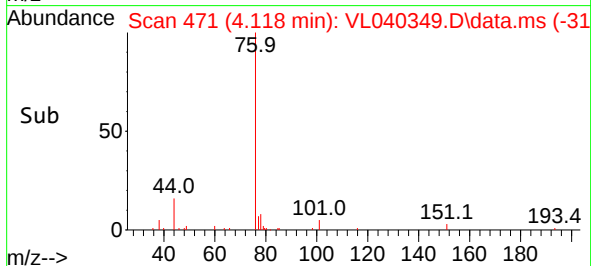
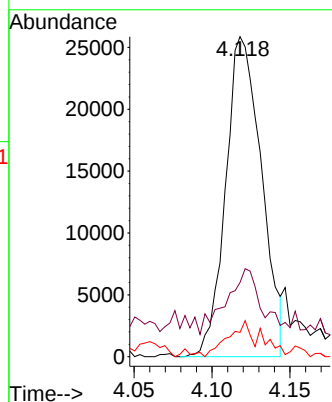
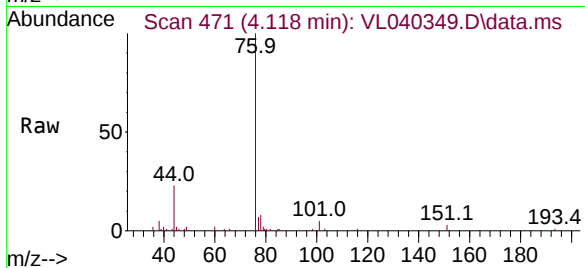
Tgt Ion: 76 Resp: 41344

Ion Ratio Lower Upper

76 100

44 25.4 15.2 22.8#

78 12.0 7.6 11.4#



#28

Methyl tert-Butyl Ether

Concen: 0.362 ppbv

RT: 4.597 min Scan# 620

Delta R.T. 0.016 min

Lab File: VL040349.D

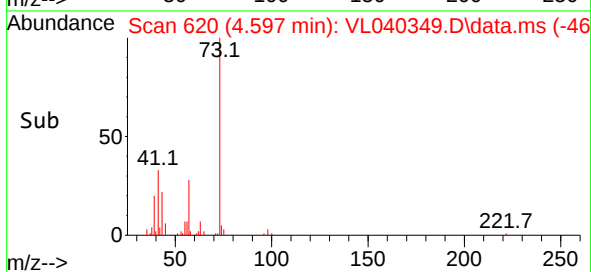
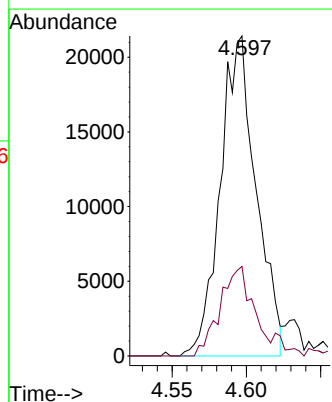
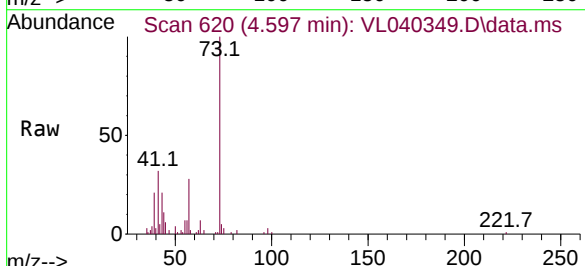
Acq: 12 Apr 2023 23:23

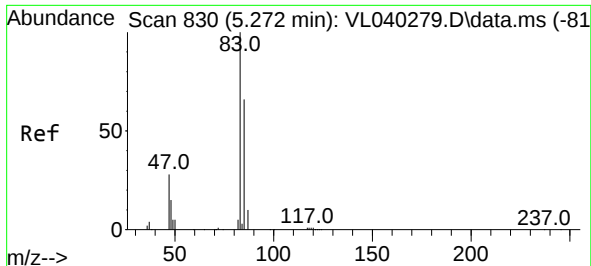
Tgt Ion: 73 Resp: 35958

Ion Ratio Lower Upper

73 100

57 29.2 18.4 27.6#





#29

Chloroform

Concen: 0.456 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

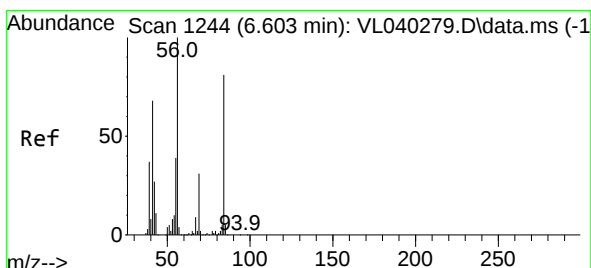
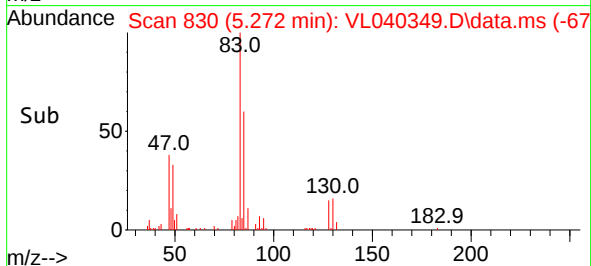
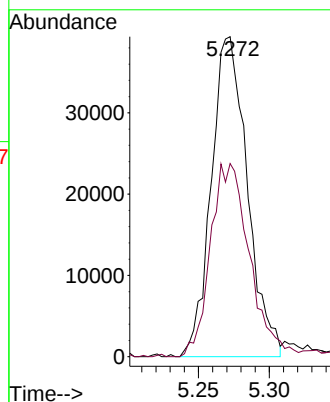
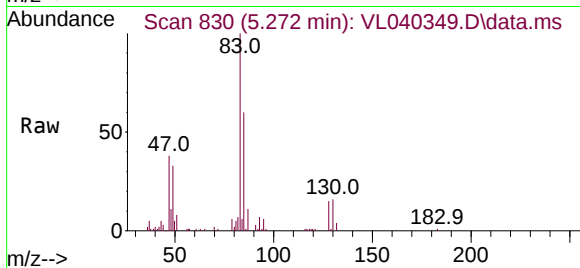
MDL-AIR-03-QT2-2023

Tgt Ion: 83 Resp: 69633

Ion Ratio Lower Upper

83 100

85 60.4 52.8 79.2



#30

Cyclohexane

Concen: 0.146 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

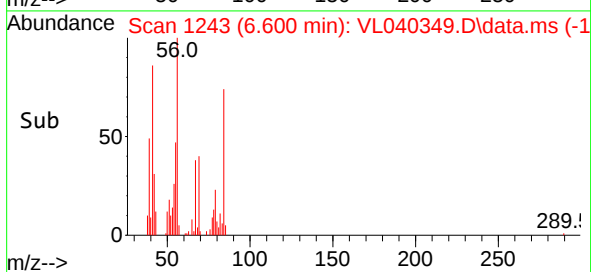
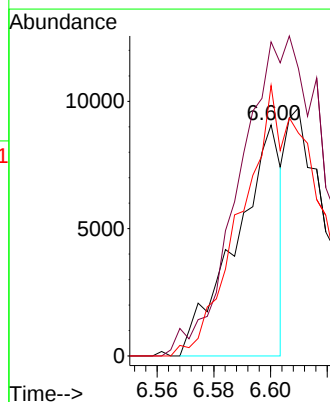
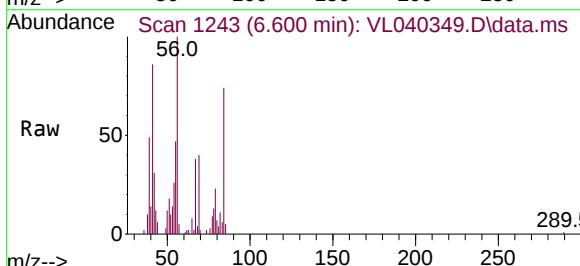
Tgt Ion: 84 Resp: 9986

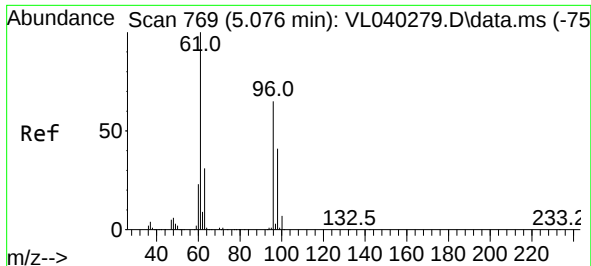
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

41 218.5 67.9 101.9#

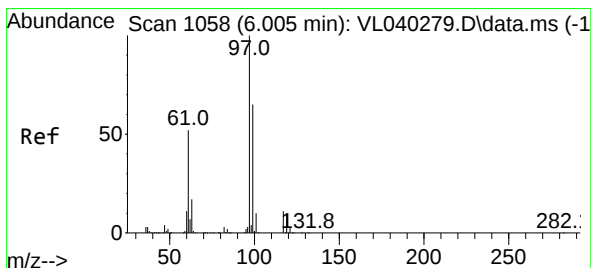
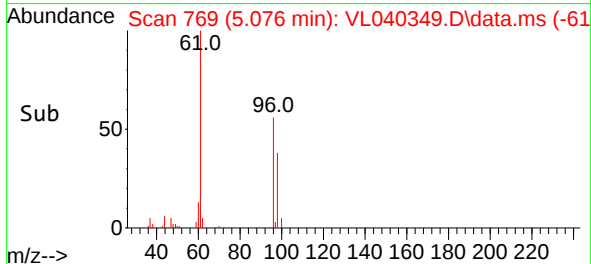
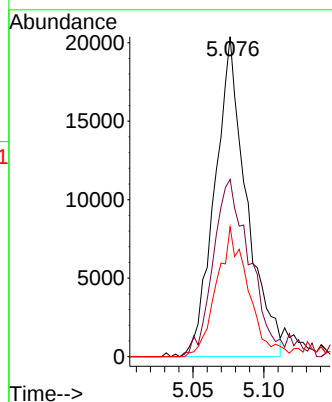
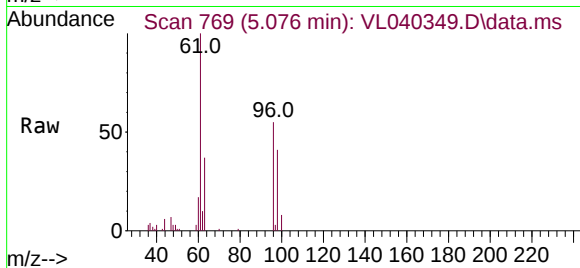




#31
 cis-1,2-Dichloroethene
 Concen: 0.376 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

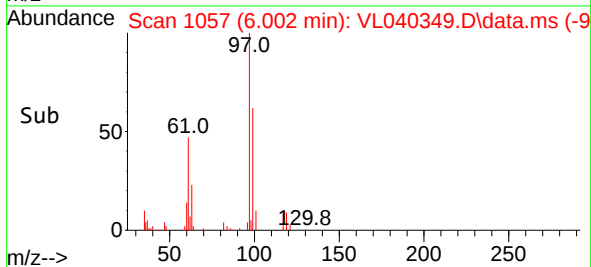
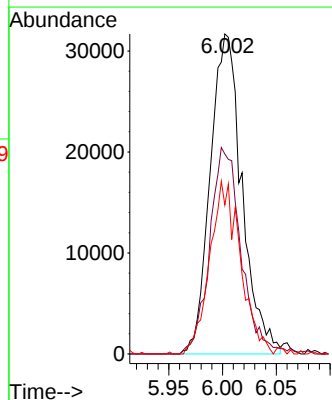
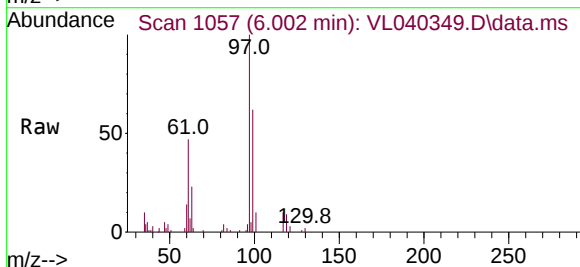
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

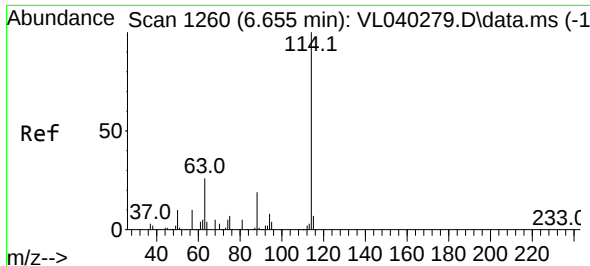
Tgt Ion:	61	Resp:	31714
Ion	Ratio	Lower	Upper
61	100		
96	55.4	51.8	77.8
98	40.6	32.5	48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.445 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Tgt Ion:	97	Resp:	65100
Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.2	78.2
61	53.0	41.4	62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

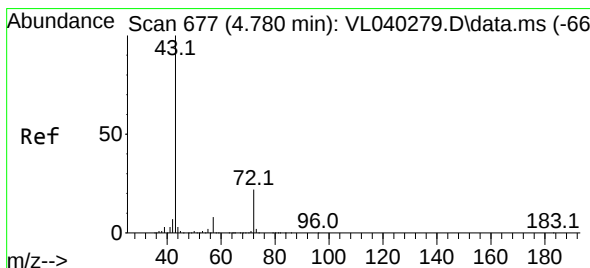
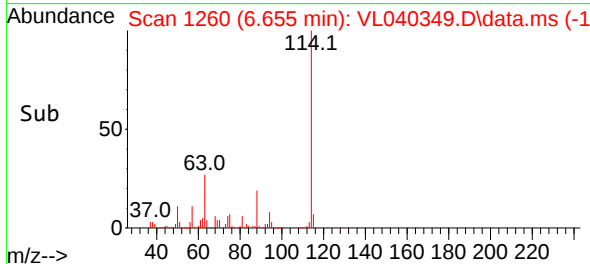
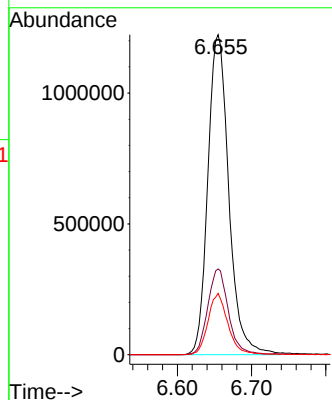
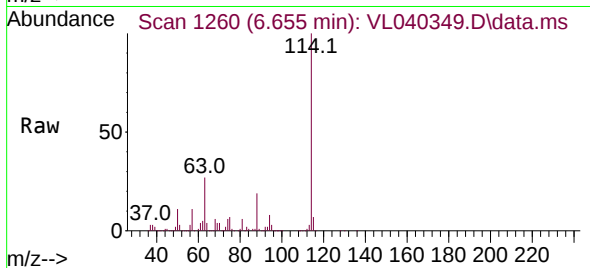
Tgt Ion:114 Resp: 2395992

Ion Ratio Lower Upper

114 100

63 26.8 21.2 31.8

88 18.3 14.5 21.7



#34

2-Butanone

Concen: 0.451 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.016 min

Lab File: VL040349.D

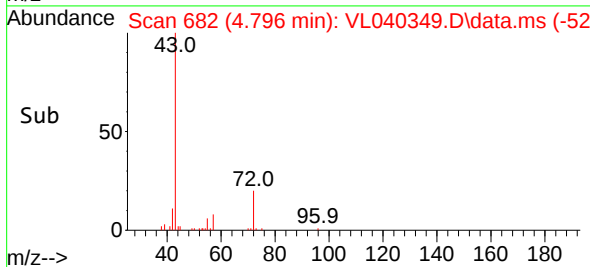
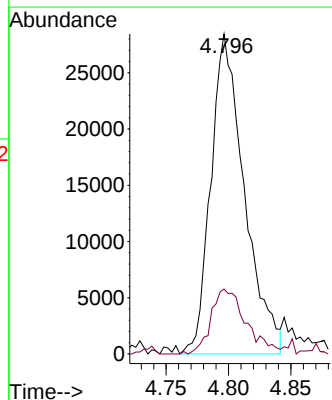
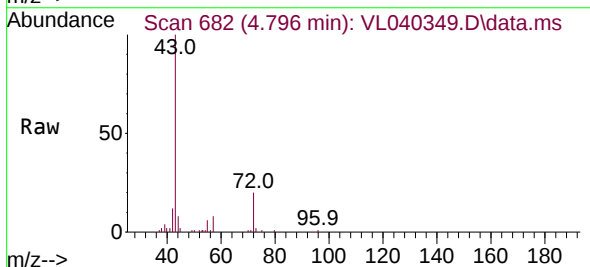
Acq: 12 Apr 2023 23:23

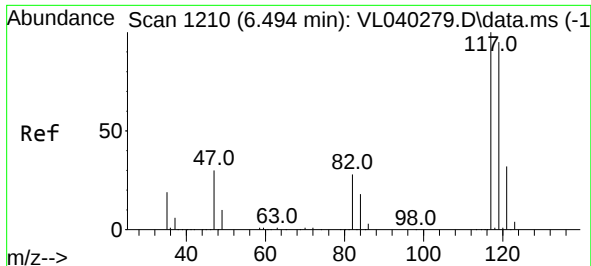
Tgt Ion: 43 Resp: 53327

Ion Ratio Lower Upper

43 100

72 23.3 18.3 27.5

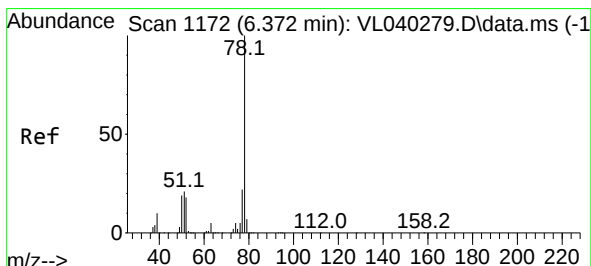
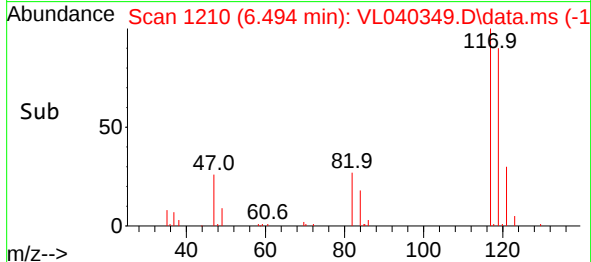
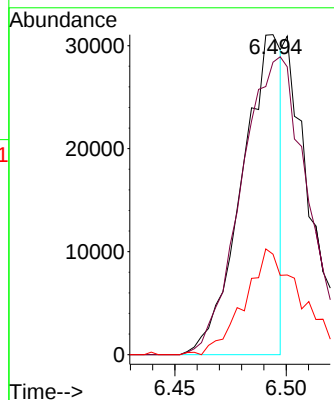
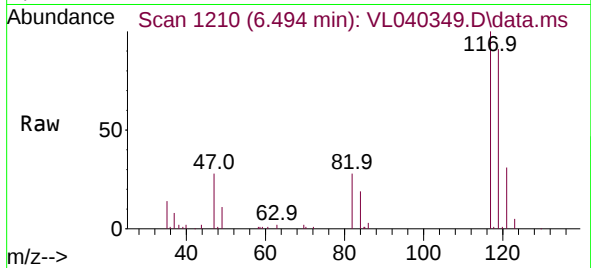




#35
Carbon Tetrachloride
Concen: 0.255 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

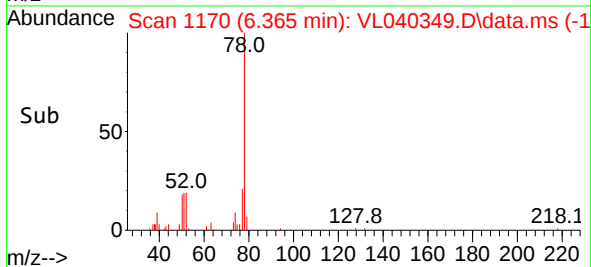
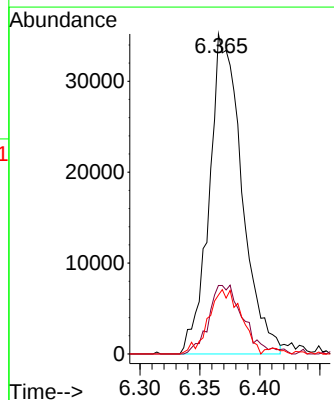
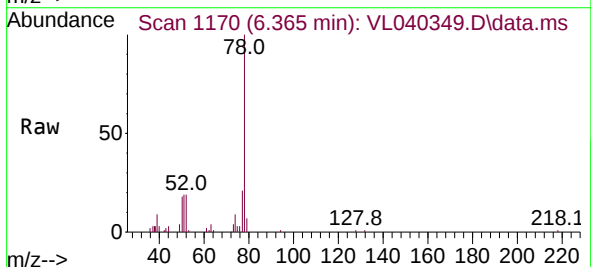
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

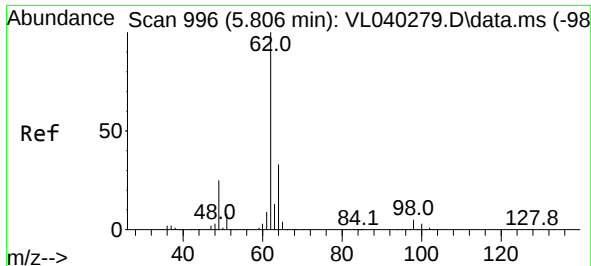
Tgt Ion: 117 Resp: 38272
Ion Ratio Lower Upper
117 100
119 90.6 76.4 114.6
121 31.1 25.6 38.4



#36
Benzene
Concen: 0.365 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 78 Resp: 66687
Ion Ratio Lower Upper
78 100
77 21.5 17.8 26.8
50 18.5 15.4 23.2

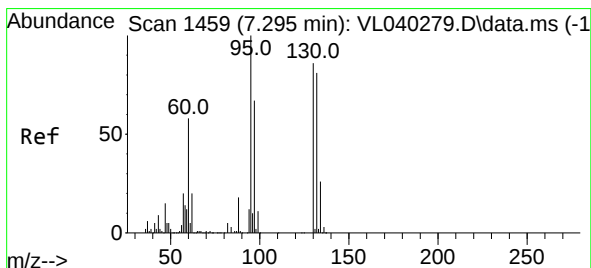
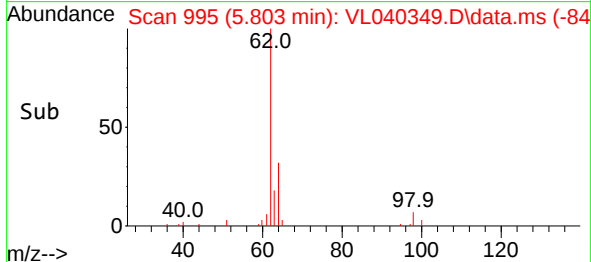
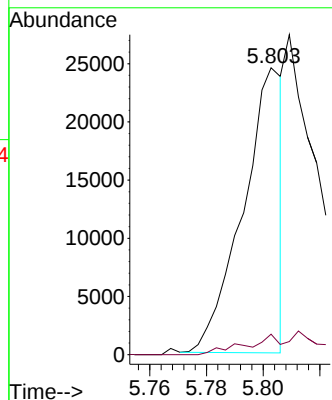
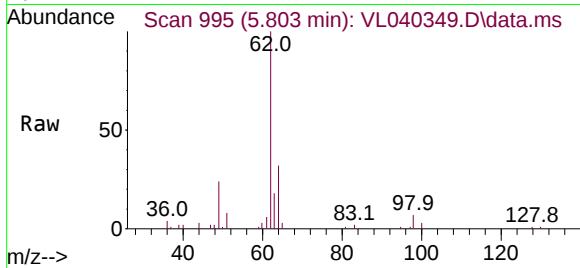




#37
1,2-Dichloroethane
Concen: 0.199 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

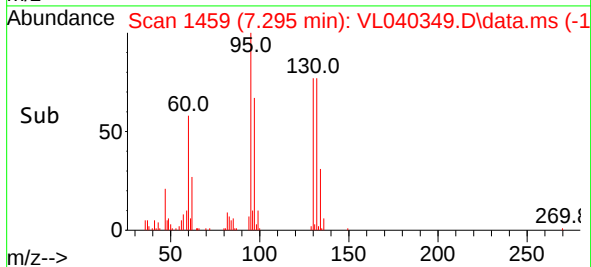
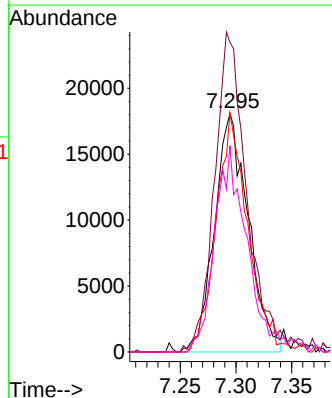
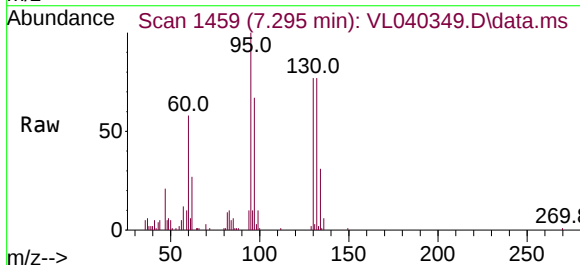
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

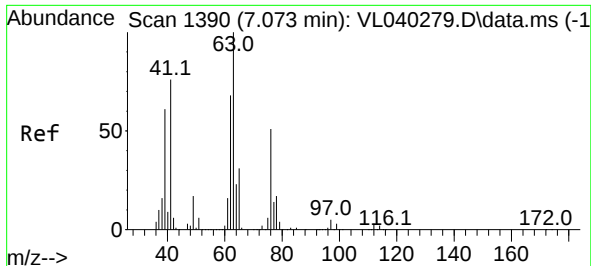
Tgt Ion: 62 Resp: 23654
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.381 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:130 Resp: 38014
Ion Ratio Lower Upper
130 100
95 129.7 93.0 139.4
132 100.1 75.3 112.9
97 86.5 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.385 ppbv

RT: 7.076 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

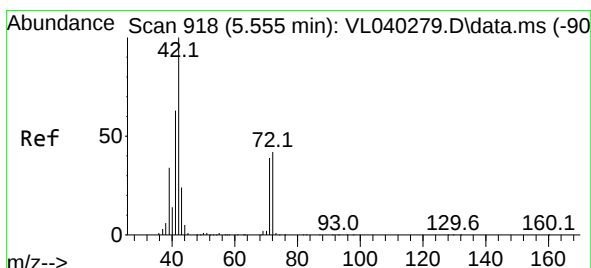
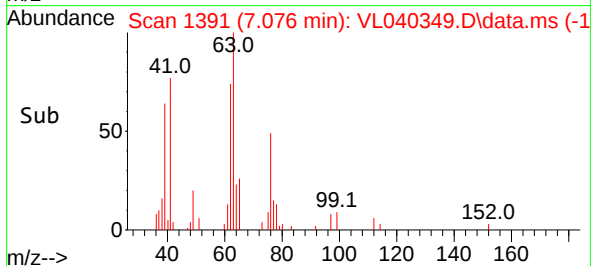
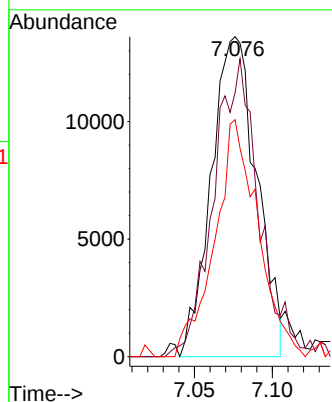
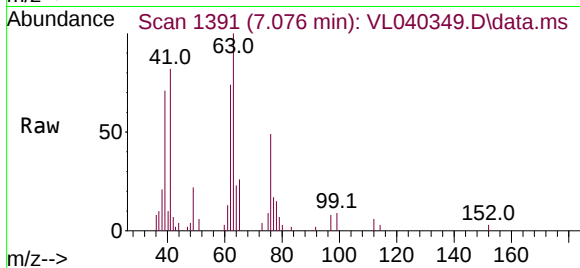
Tgt Ion: 63 Resp: 27584

Ion Ratio Lower Upper

63 100

41 79.0 60.8 91.2

62 68.3 54.1 81.1



#41

Tetrahydrofuran

Concen: 0.076 ppbv

RT: 5.581 min Scan# 926

Delta R.T. 0.026 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

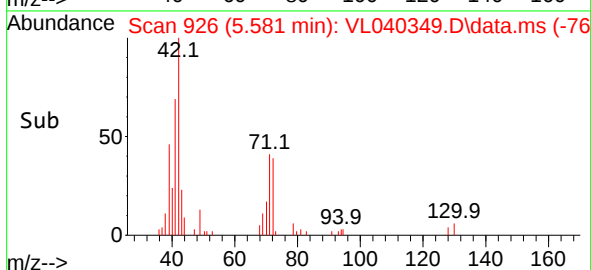
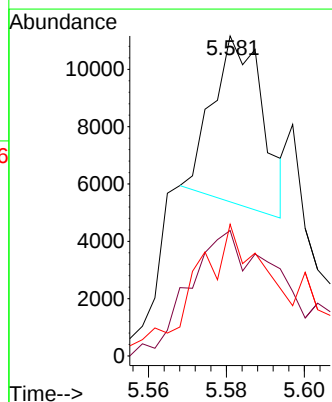
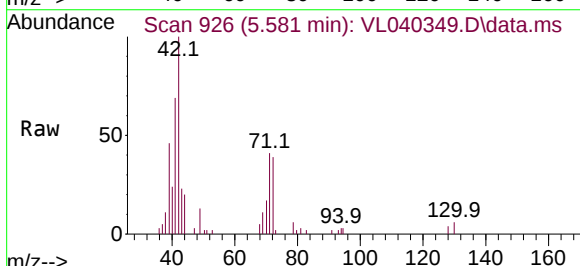
Tgt Ion: 42 Resp: 5172

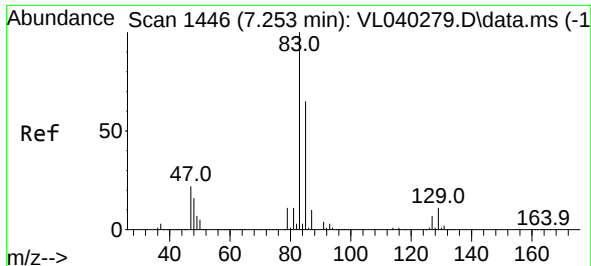
Ion Ratio Lower Upper

42 100

72 163.1 32.6 49.0#

71 166.2 31.0 46.4#

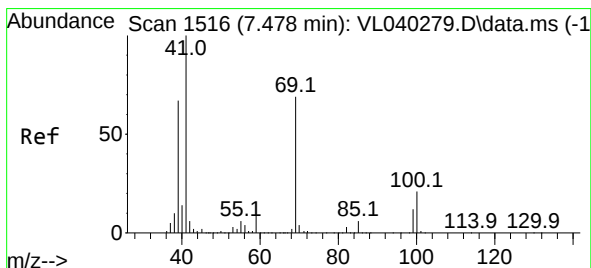
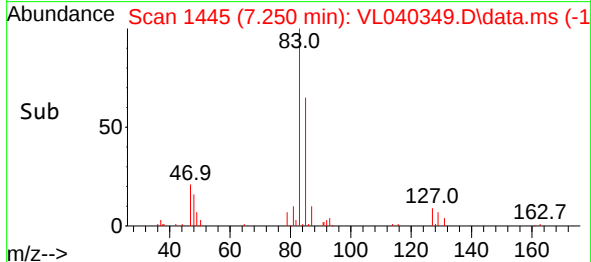
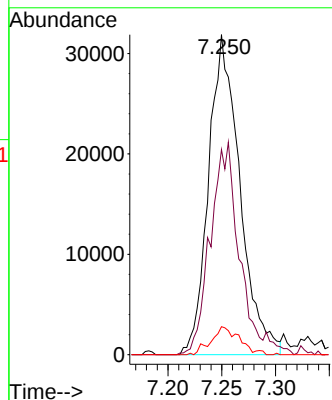
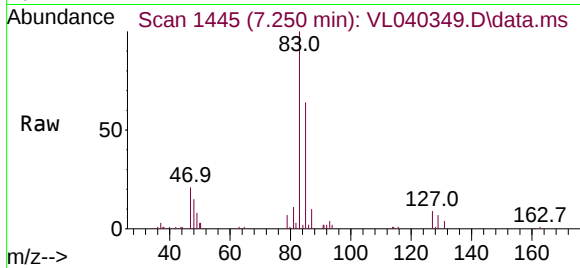




#42
Bromodichloromethane
Concen: 0.397 ppbv
RT: 7.250 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

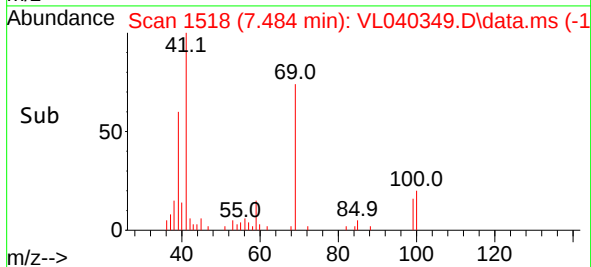
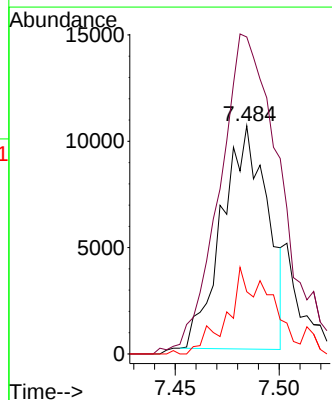
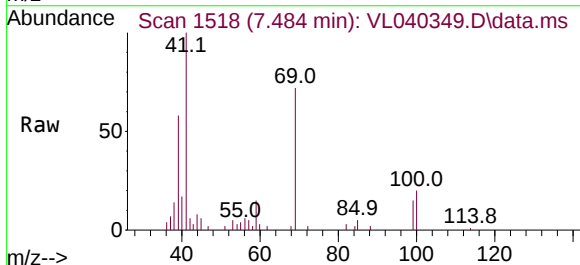
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

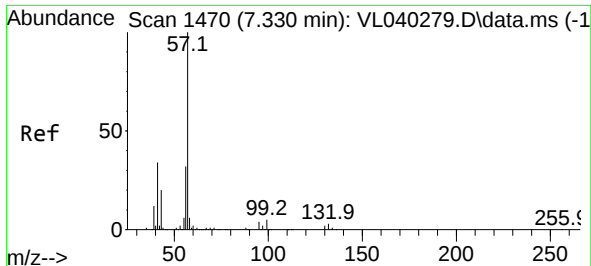
Tgt Ion: 83 Resp: 64536
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 8.8 5.8 8.6#



#43
Methyl Methacrylate
Concen: 0.236 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 69 Resp: 16045
Ion Ratio Lower Upper
69 100
41 194.6 116.9 175.3#
100 39.6 24.2 36.4#

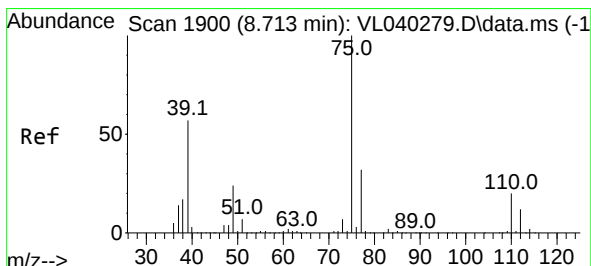
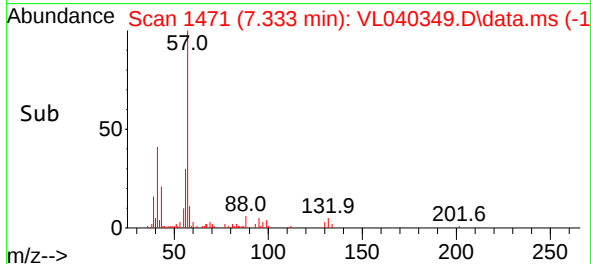
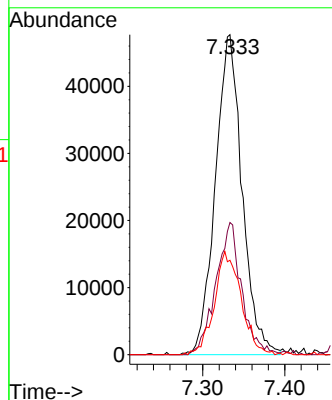
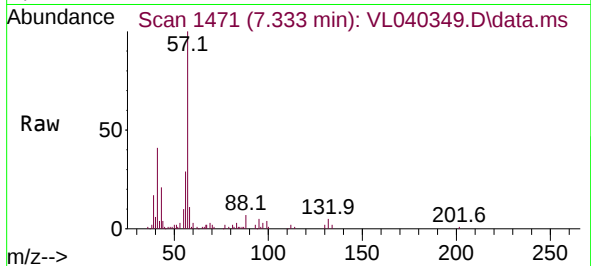




#44
2,2,4-Trimethylpentane
Concen: 0.356 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

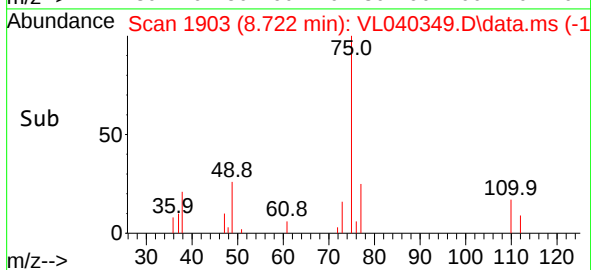
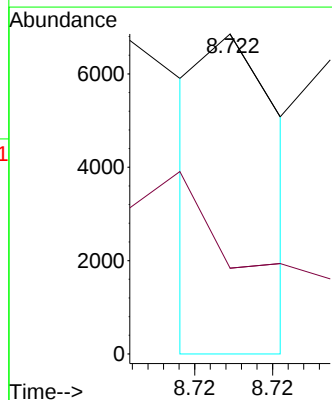
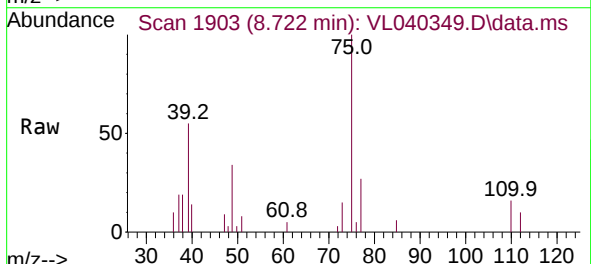
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

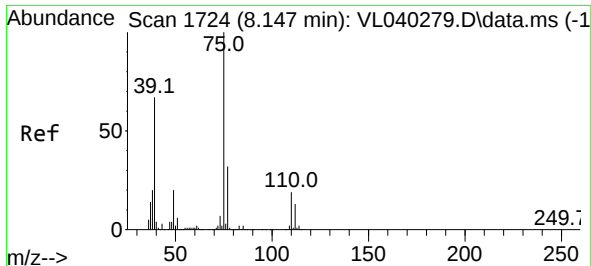
Tgt Ion: 57 Resp: 108270
Ion Ratio Lower Upper
57 100
41 40.1 26.8 40.2
56 32.2 25.0 37.6



#45
t-1,3-Dichloropropene
Concen: 0.039 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.009 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 75 Resp: 2304
Ion Ratio Lower Upper
75 100
77 26.8 25.4 38.0

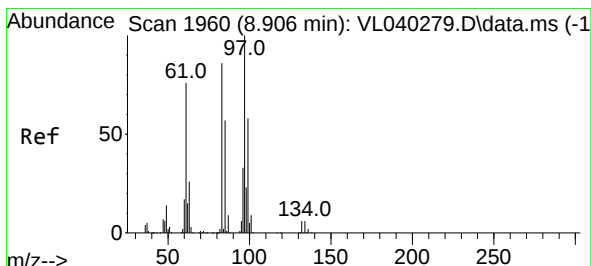
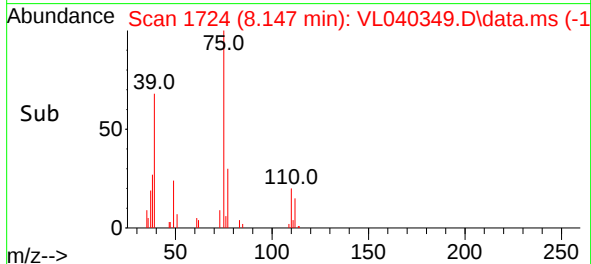
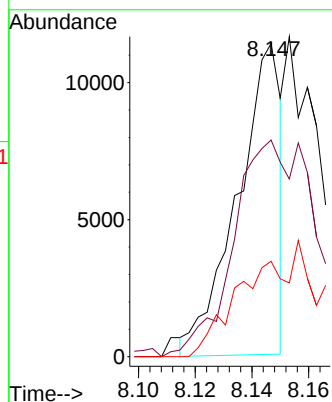
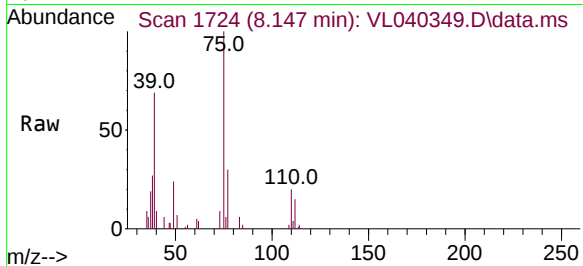




#46
 cis-1,3-Dichloropropene
 Concen: 0.143 ppbv
 RT: 8.147 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

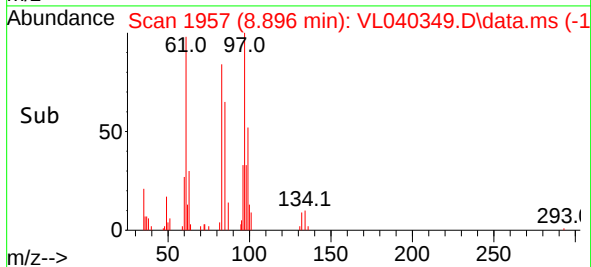
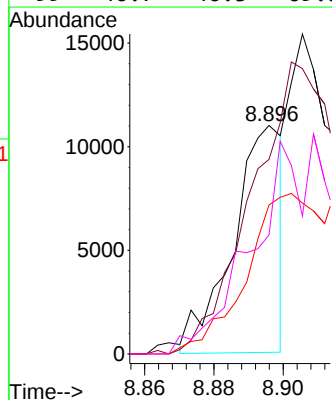
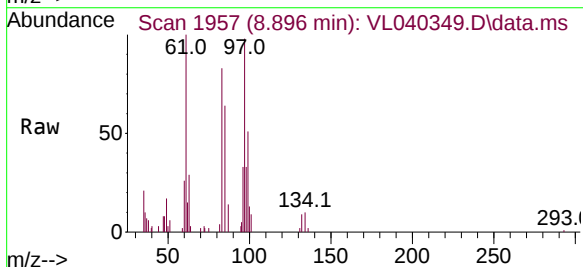
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

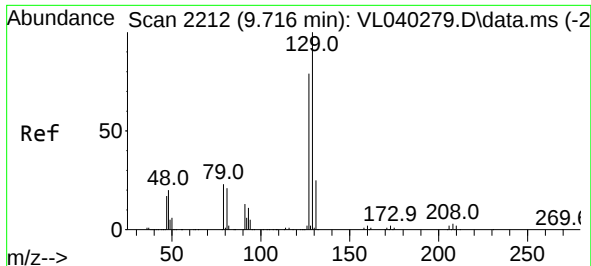
Tgt Ion:	75	Resp:	12049
Ion	Ratio	Lower	Upper
75	100		
39	71.4	53.9	80.9
77	32.4	25.3	37.9



#47
 1,1,2-Trichloroethane
 Concen: 0.142 ppbv
 RT: 8.896 min Scan# 1957
 Delta R.T. -0.010 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Tgt Ion:	97	Resp:	10857
Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.6	103.0
85	66.2	46.0	69.0
99	46.7	46.3	69.5

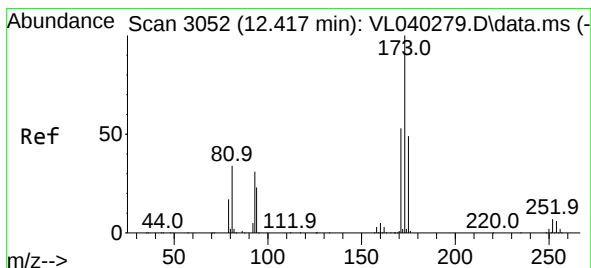
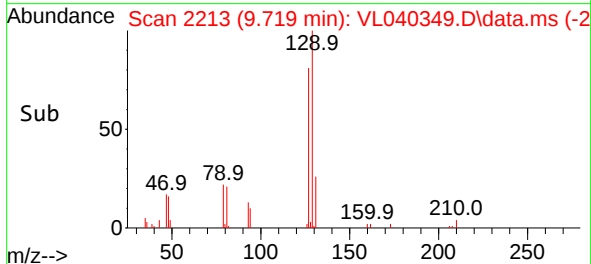
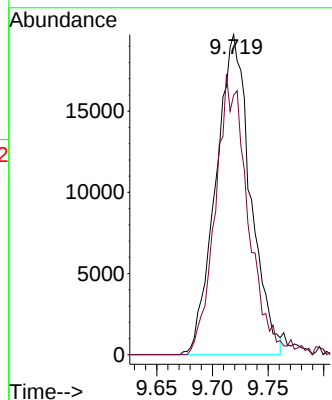
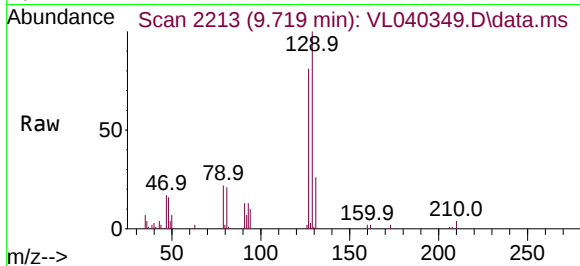




#48
Dibromochloromethane
Concen: 0.339 ppbv
RT: 9.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

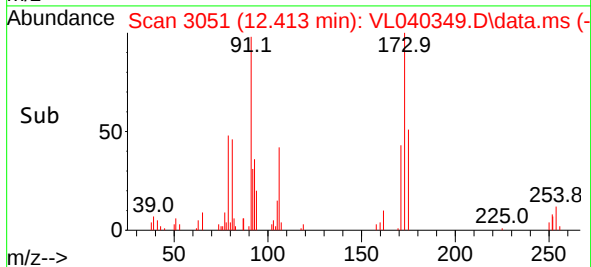
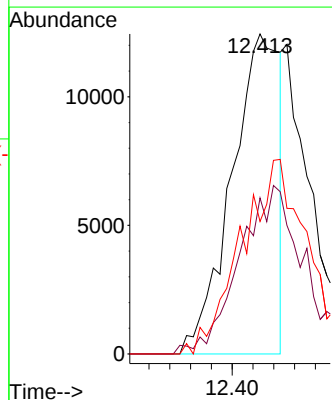
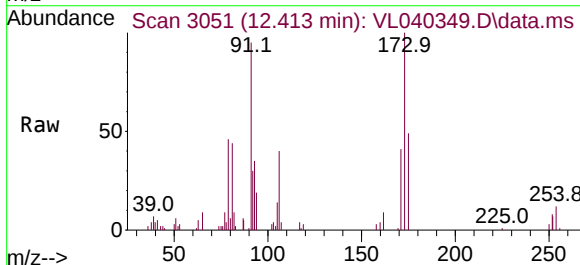
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

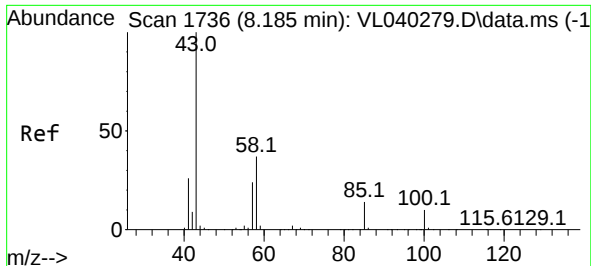
Tgt Ion:129 Resp: 42687
Ion Ratio Lower Upper
129 100
127 83.9 39.1 117.5



#49
Bromoform
Concen: 0.210 ppbv
RT: 12.413 min Scan# 3051
Delta R.T. -0.004 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:173 Resp: 19878
Ion Ratio Lower Upper
173 100
175 0.0 39.8 59.8#
171 0.0 42.2 63.4#





#50

4-Methyl-2-Pentanone

Concen: 0.308 ppbv

RT: 8.208 min Scan# 1

Delta R.T. 0.023 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

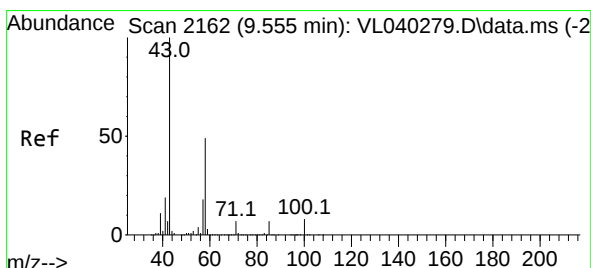
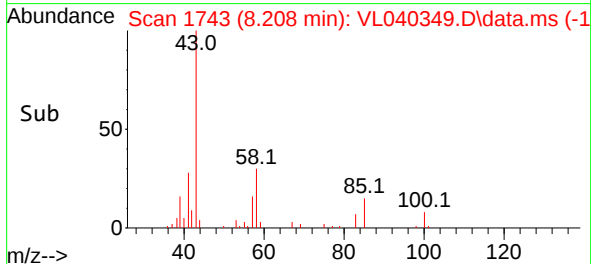
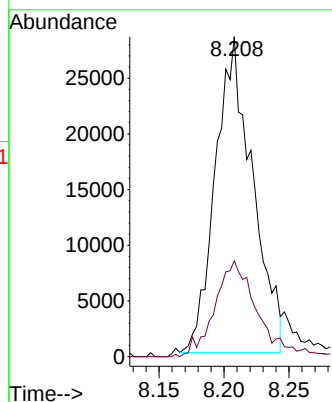
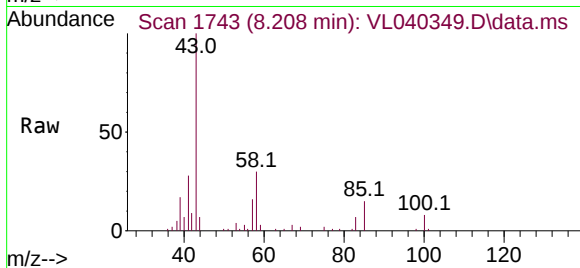
MDL-AIR-03-QT2-2023

Tgt Ion: 43 Resp: 56307

Ion Ratio Lower Upper

43 100

58 34.9 29.2 43.8



#51

2-Hexanone

Concen: 0.194 ppbv

RT: 9.584 min Scan# 2171

Delta R.T. 0.029 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

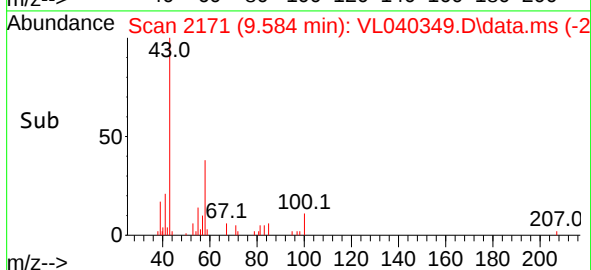
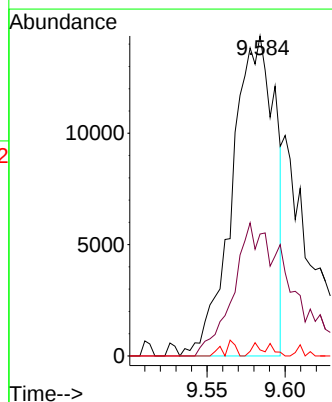
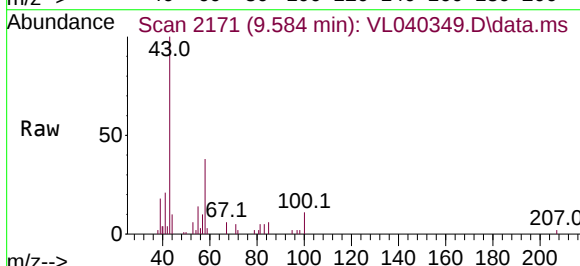
Tgt Ion: 43 Resp: 27477

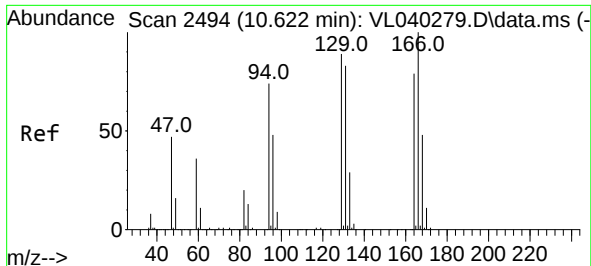
Ion Ratio Lower Upper

43 100

58 58.7 38.0 57.0#

98 3.3 0.5 0.7#

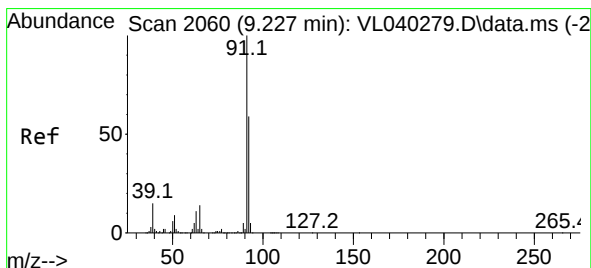
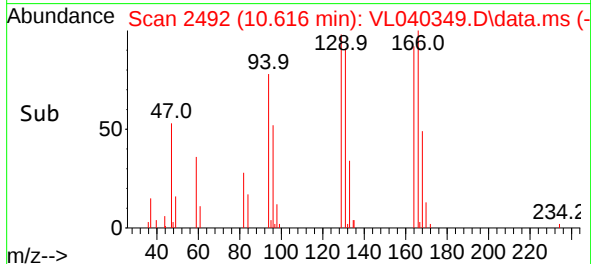
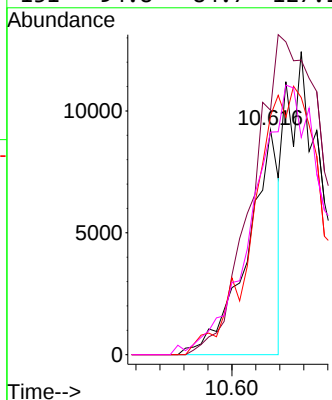
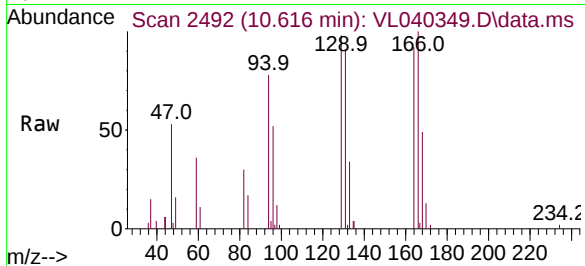




#52
Tetrachloroethene
Concen: 0.153 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

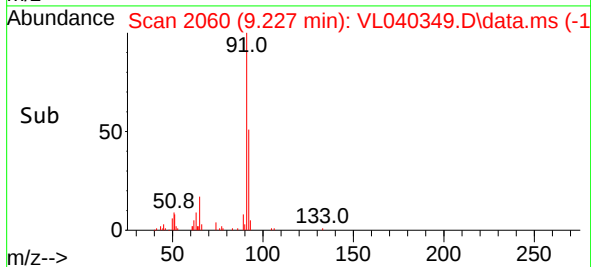
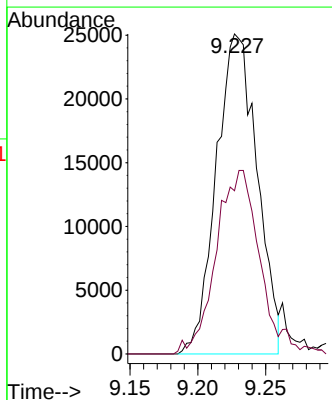
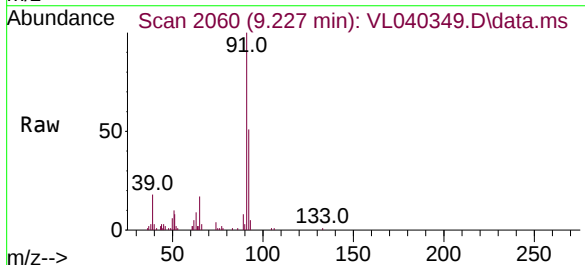
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

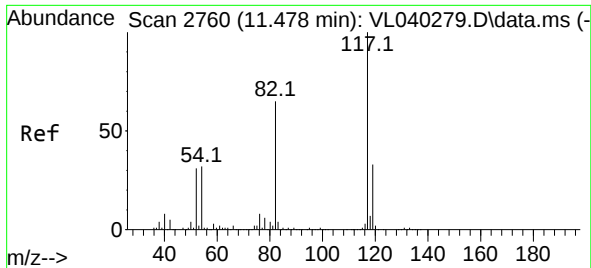
Tgt Ion:164 Resp: 8473
Ion Ratio Lower Upper
164 100
166 108.8 101.8 152.6
129 106.3 90.2 135.2
131 94.8 84.7 127.1



#53
Toluene
Concen: 0.275 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 91 Resp: 52589
Ion Ratio Lower Upper
91 100
92 61.9 48.0 72.0

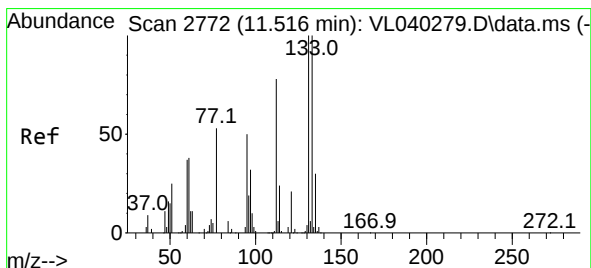
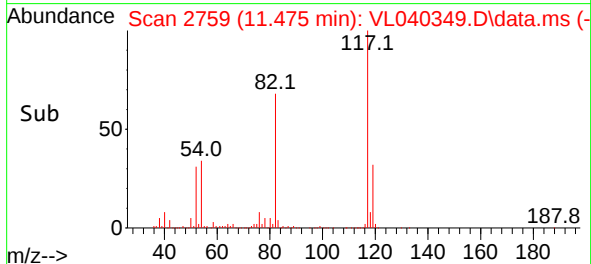
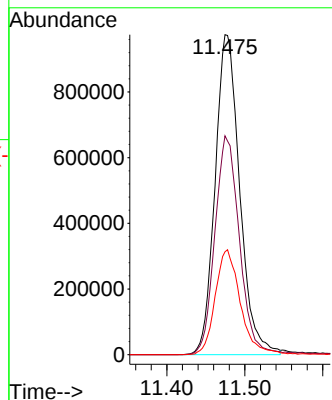
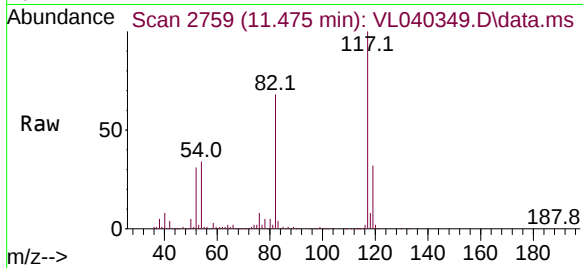




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

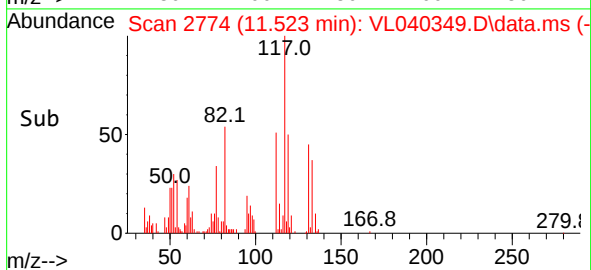
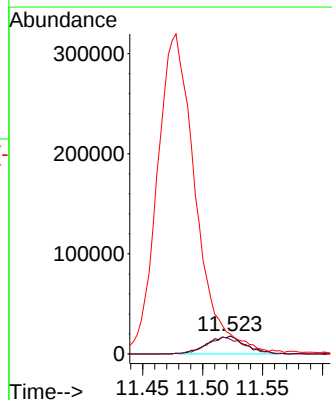
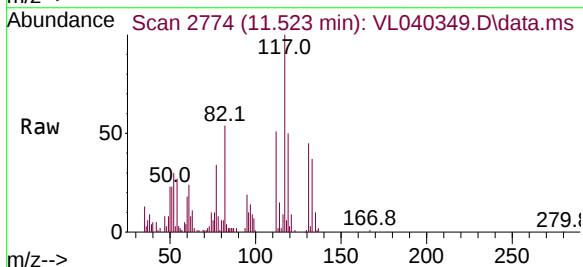
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

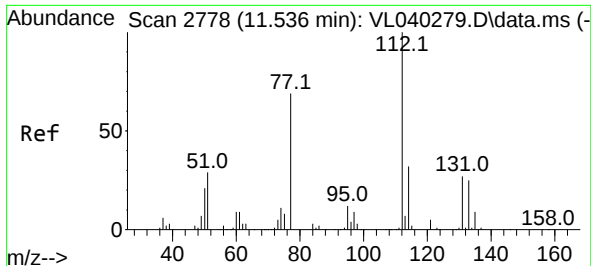
Tgt Ion:117 Resp: 2140705
Ion Ratio Lower Upper
117 100
82 69.1 51.4 77.2
119 33.7 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.434 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:131 Resp: 39078
Ion Ratio Lower Upper
131 100
133 94.1 76.5 114.7
119 1848.4 47.9 71.9#

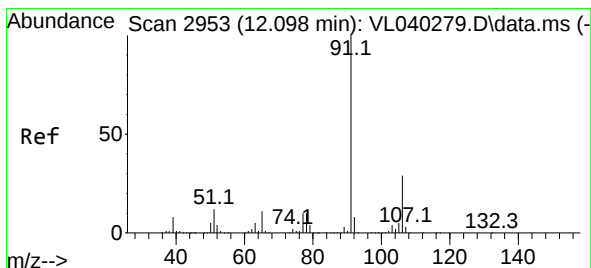
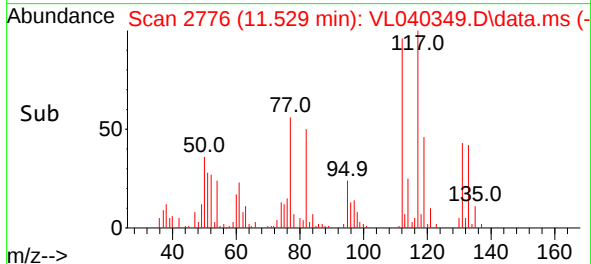
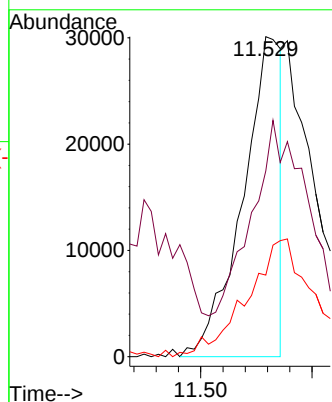
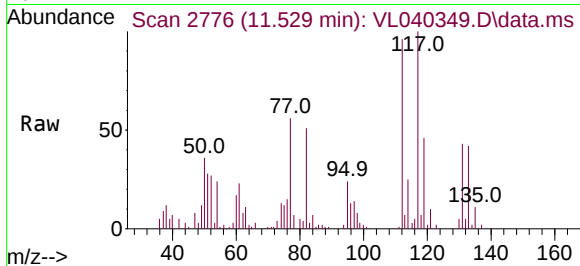




#57
Chlorobenzene
Concen: 0.238 ppbv
RT: 11.529 min Scan# 2112
Delta R.T. -0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

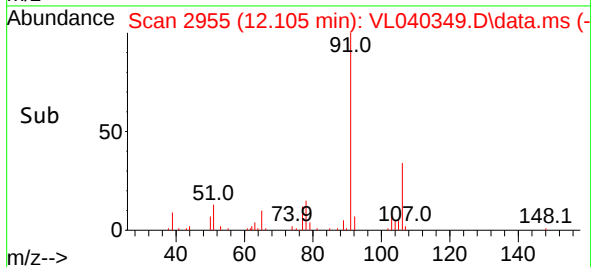
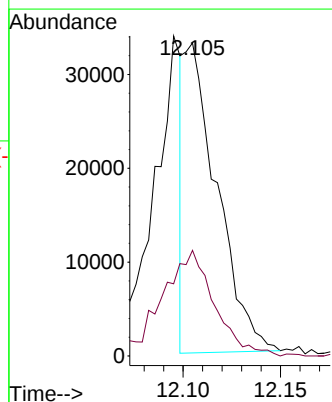
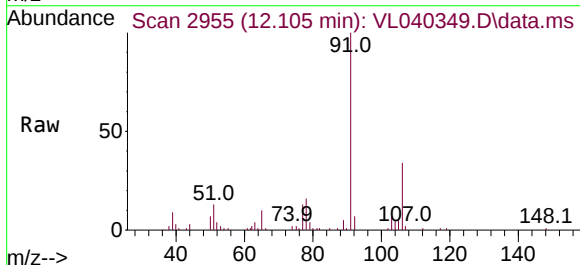
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

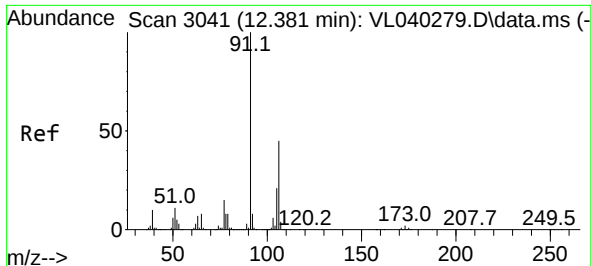
Tgt Ion:112 Resp: 36243
Ion Ratio Lower Upper
112 100
77 23.1 56.2 84.2#
114 24.2 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.159 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 91 Resp: 38694
Ion Ratio Lower Upper
91 100
106 34.3 23.4 35.2





#59

m/p-Xylene

Concen: 0.122 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

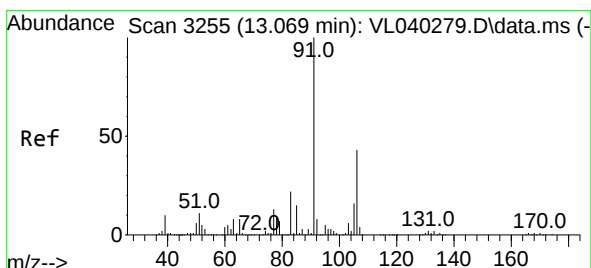
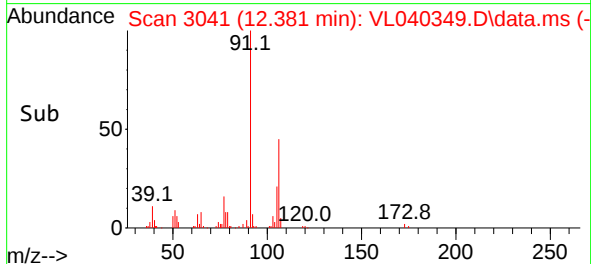
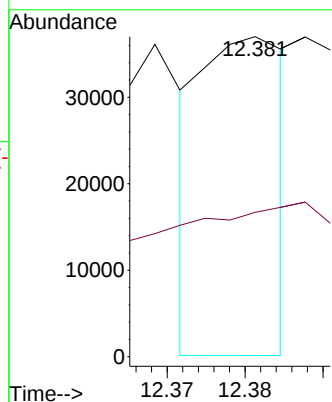
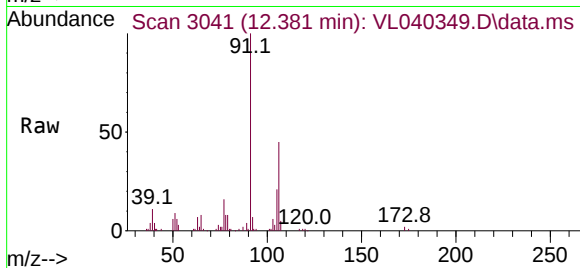
MDL-AIR-03-QT2-2023

Tgt Ion: 91 Resp: 27337

Ion Ratio Lower Upper

91 100

106 0.0 34.0 51.0#



#60

o-Xylene

Concen: 0.166 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.004 min

Lab File: VL040349.D

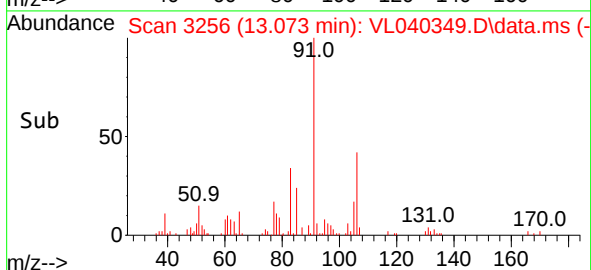
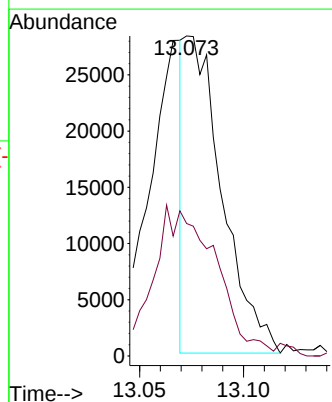
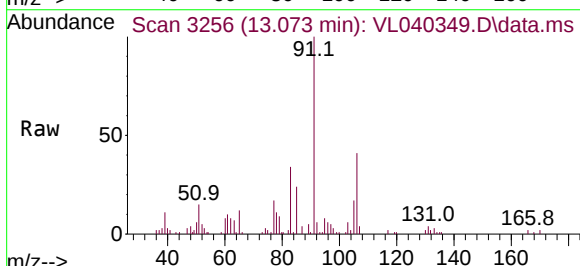
Acq: 12 Apr 2023 23:23

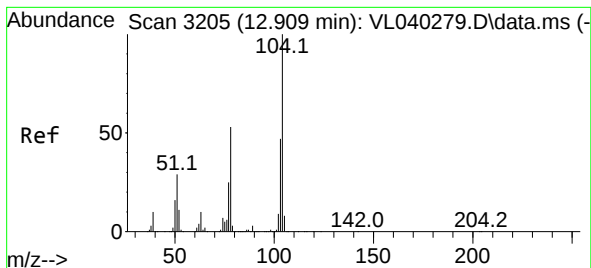
Tgt Ion: 91 Resp: 35505

Ion Ratio Lower Upper

91 100

106 81.9 21.7 65.1#





#61

Styrene

Concen: 0.176 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

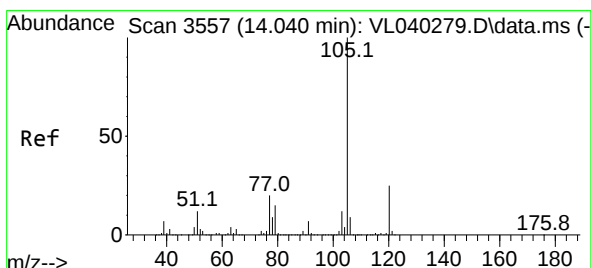
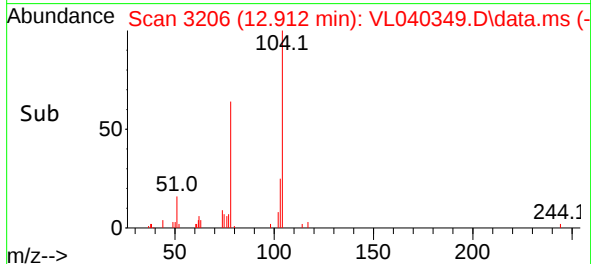
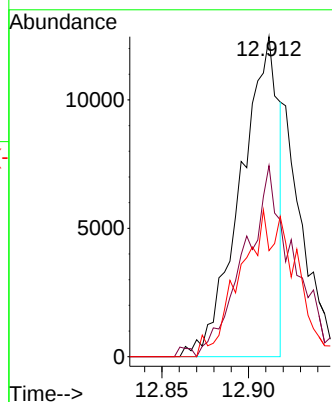
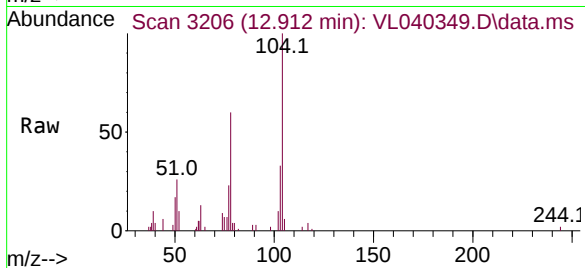
Tgt Ion:104 Resp: 19104

Ion Ratio Lower Upper

104 100

78 79.3 43.7 65.5#

103 68.8 37.4 56.2#



#62

Isopropylbenzene

Concen: 0.363 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.007 min

Lab File: VL040349.D

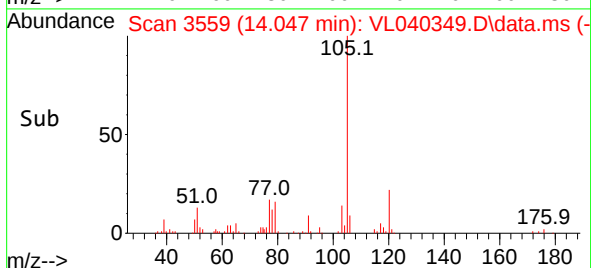
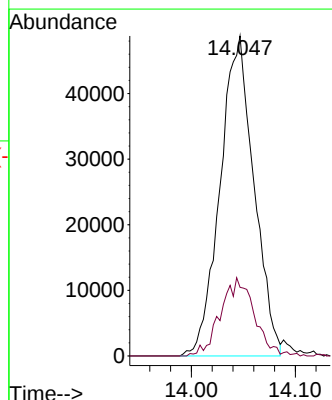
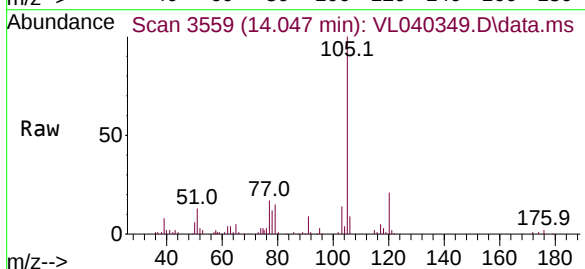
Acq: 12 Apr 2023 23:23

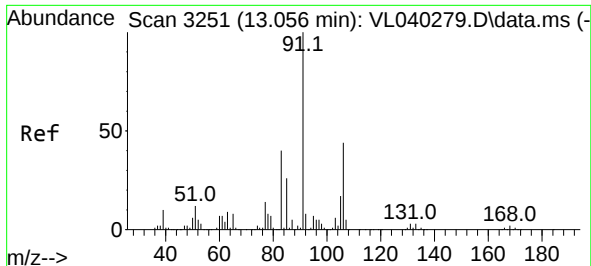
Tgt Ion:105 Resp: 110425

Ion Ratio Lower Upper

105 100

120 24.5 19.9 29.9

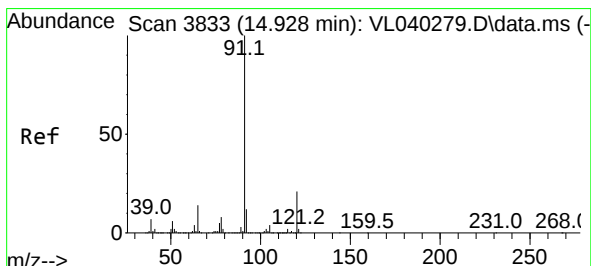
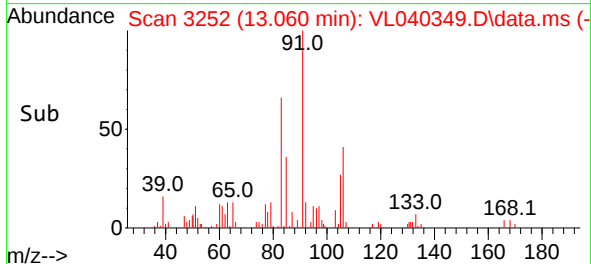
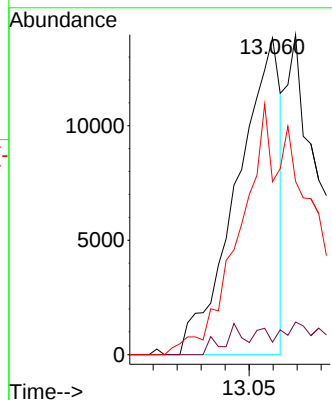
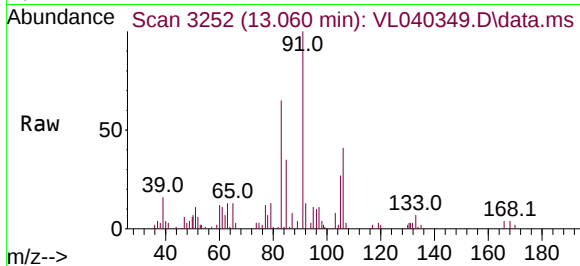




#63
1,1,2,2-Tetrachloroethane
Concen: 0.233 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

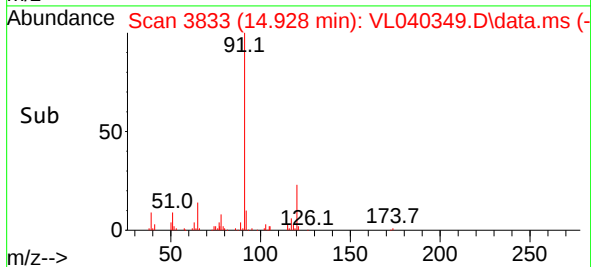
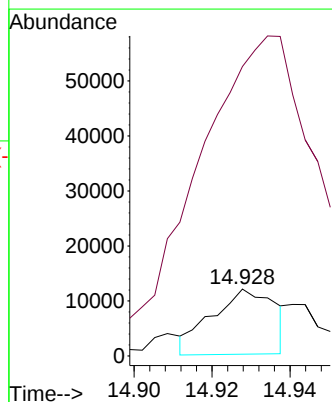
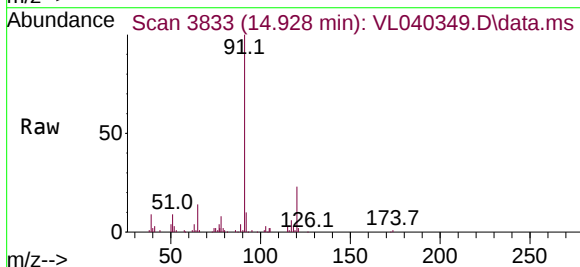
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

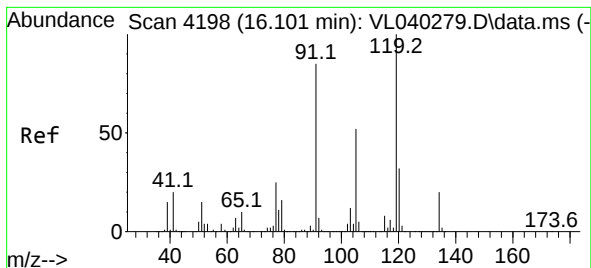
Tgt Ion: 83 Resp: 17491
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.9#
85 139.5 32.7 98.1#



#64
n-propylbenzene
Concen: 0.179 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion: 120 Resp: 13317
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#





#65

tert-Butylbenzene

Concen: 0.327 ppbv

RT: 16.111 min Scan# 4198

Delta R.T. 0.010 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

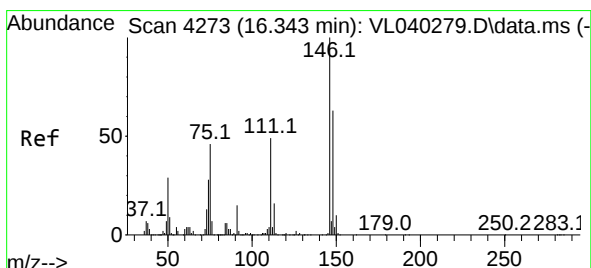
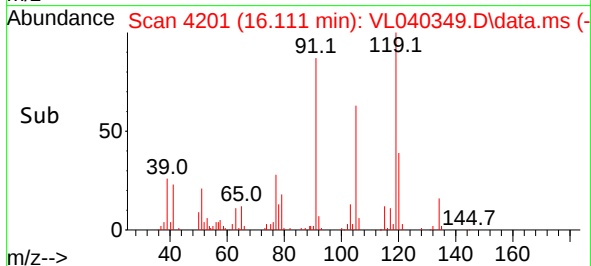
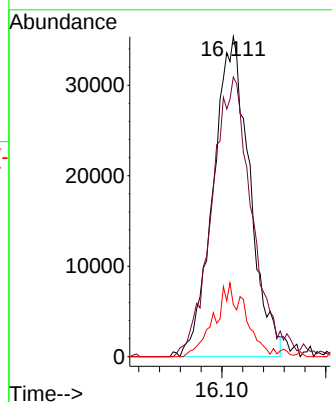
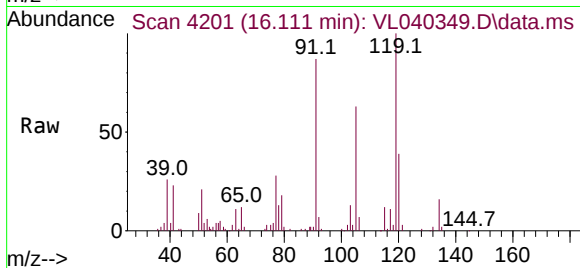
Tgt Ion:119 Resp: 85593

Ion Ratio Lower Upper

119 100

91 98.6 69.4 104.2

134 20.6 15.8 23.6



#66

Benzyl Chloride

Concen: 0.086 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. -0.013 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

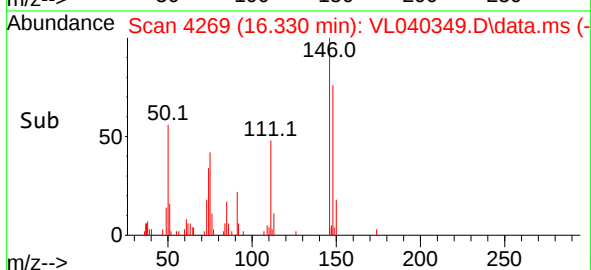
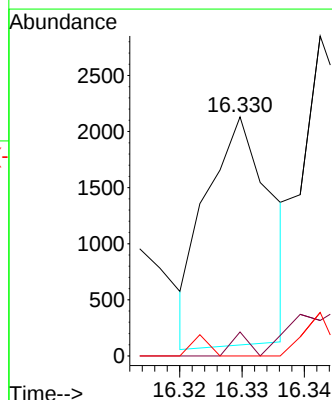
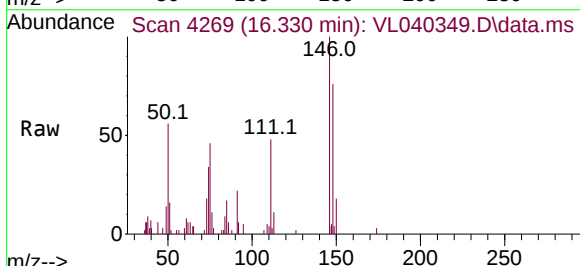
Tgt Ion: 91 Resp: 1468

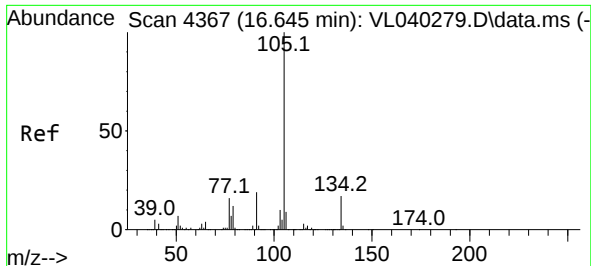
Ion Ratio Lower Upper

91 100

126 0.0 12.1 18.1#

128 0.0 3.8 5.6#

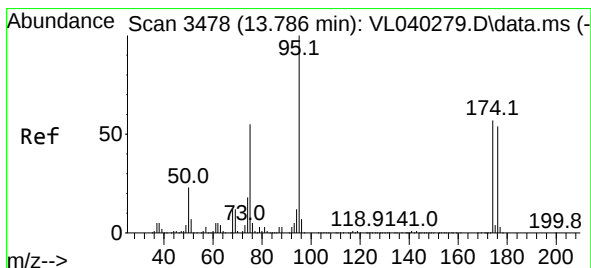
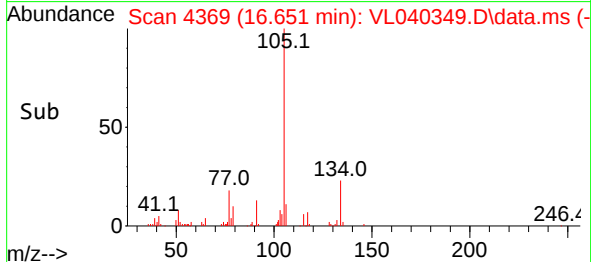
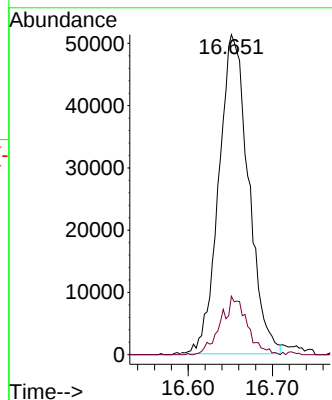
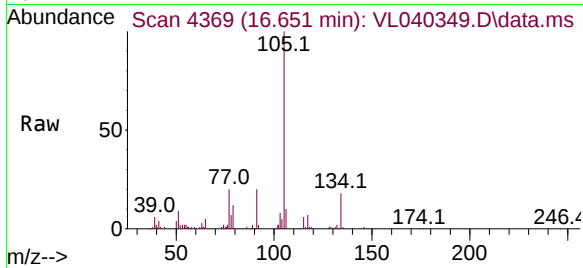




#67
 sec-Butylbenzene
 Concen: 0.335 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

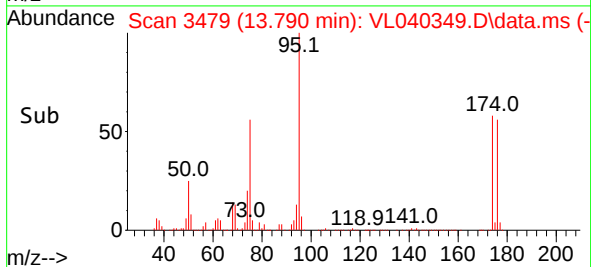
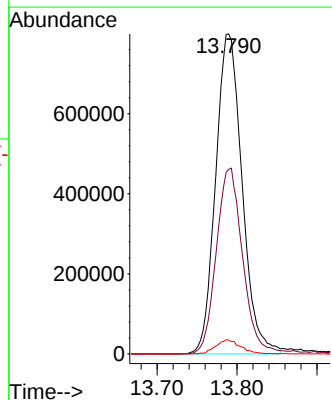
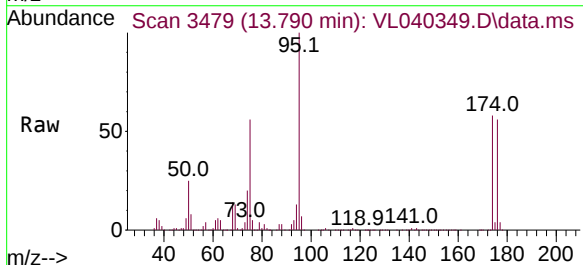
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

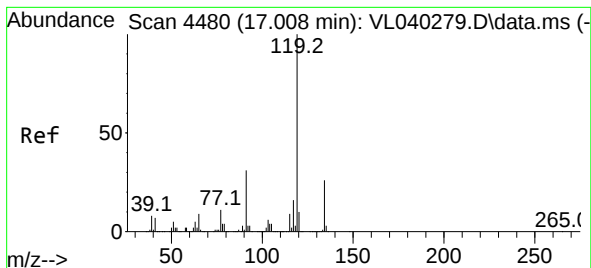
Tgt Ion:105 Resp: 125389
 Ion Ratio Lower Upper
 105 100
 134 16.3 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.249 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.004 min
 Lab File: VL040349.D
 Acq: 12 Apr 2023 23:23

Tgt Ion: 95 Resp: 1837310
 Ion Ratio Lower Upper
 95 100
 174 59.0 47.0 70.6
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.314 ppbv

RT: 17.011 min Scan# 4481

Delta R.T. 0.003 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

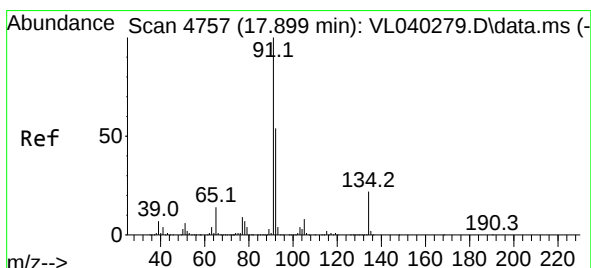
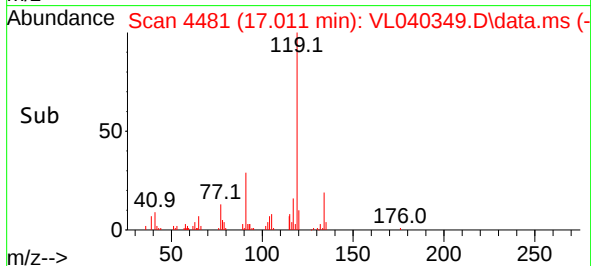
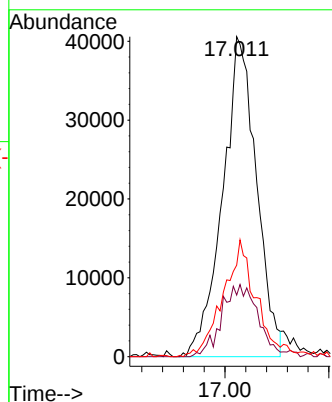
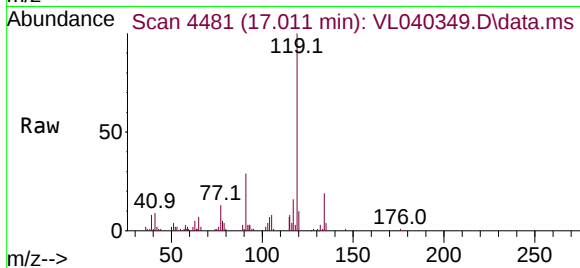
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion:	119	Resp:	91554
Ion Ratio	Lower	Upper	
119	100		
134	24.9	20.2	30.2
91	36.7	25.1	37.7



#70

n-Butylbenzene

Concen: 0.334 ppbv

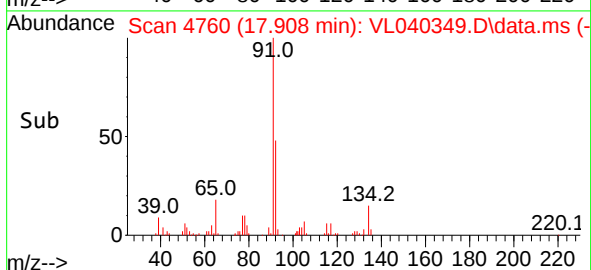
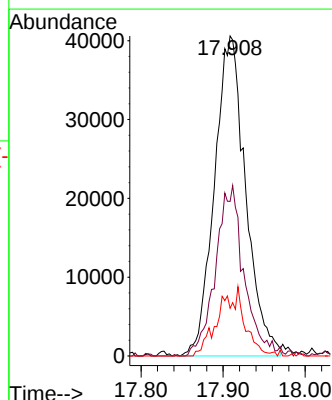
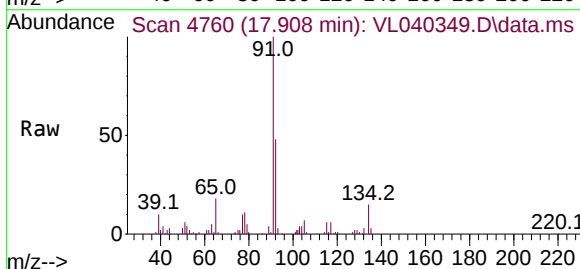
RT: 17.908 min Scan# 4760

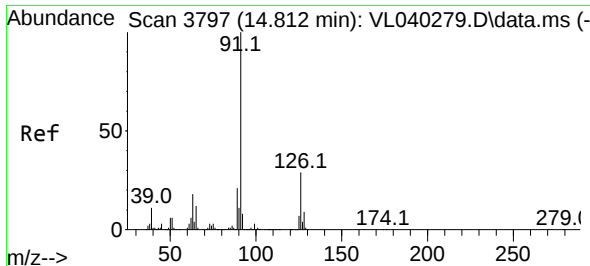
Delta R.T. 0.009 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Tgt Ion:	91	Resp:	107417
Ion Ratio	Lower	Upper	
91	100		
92	49.1	42.9	64.3
134	18.5	16.8	25.2

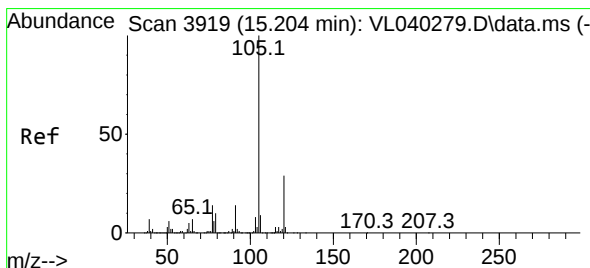
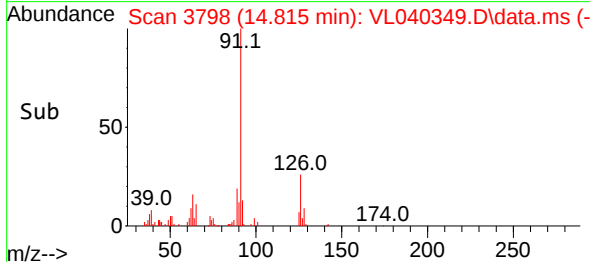
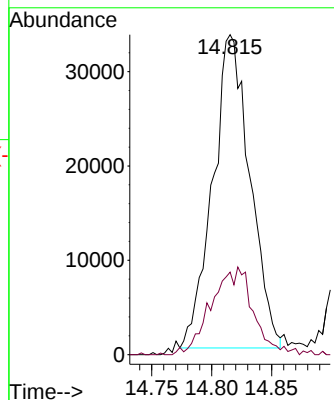
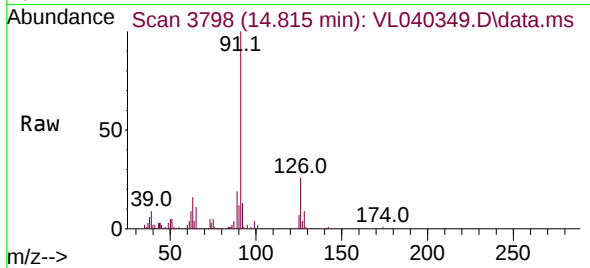




#71
2-Chlorotoluene
Concen: 0.310 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

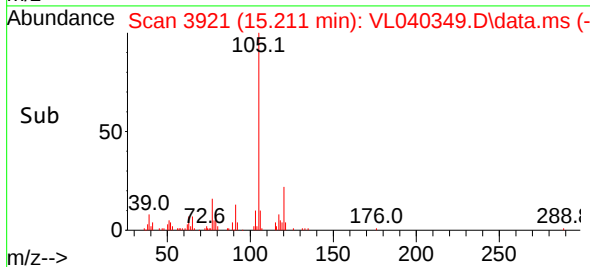
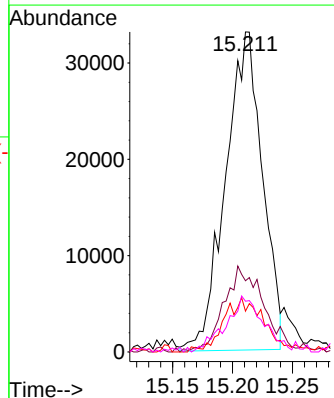
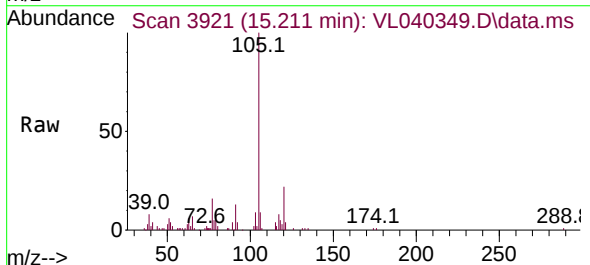
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

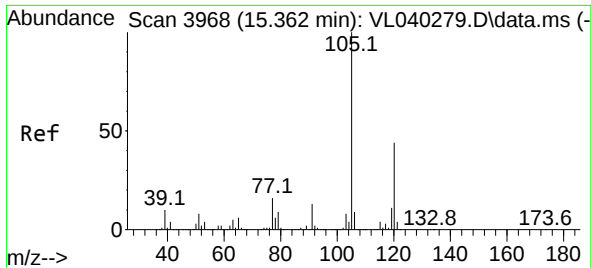
Tgt Ion: 91 Resp: 71788
Ion Ratio Lower Upper
91 100
126 31.7 11.8 47.4



#72
4-Ethyltoluene
Concen: 0.303 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:105 Resp: 70809
Ion Ratio Lower Upper
105 100
120 30.0 23.7 35.5
91 19.6 11.6 17.4#
77 18.9 12.2 18.4#

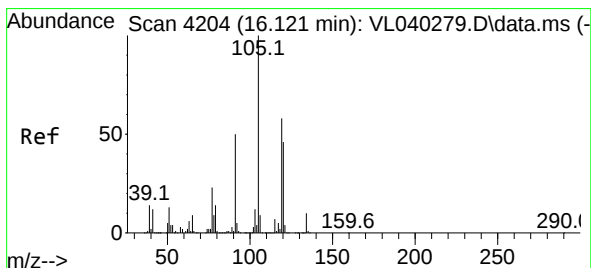
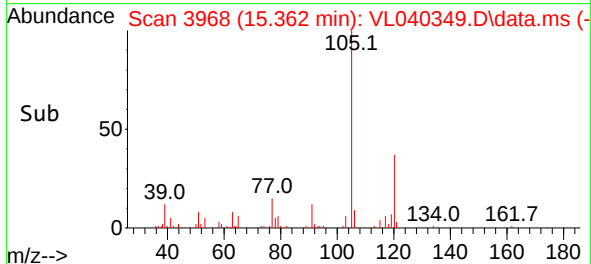
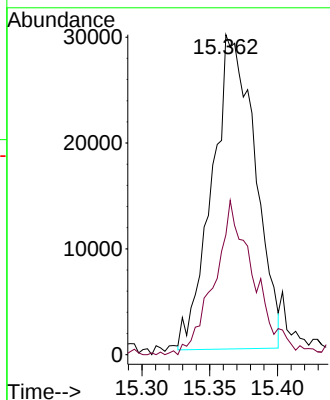
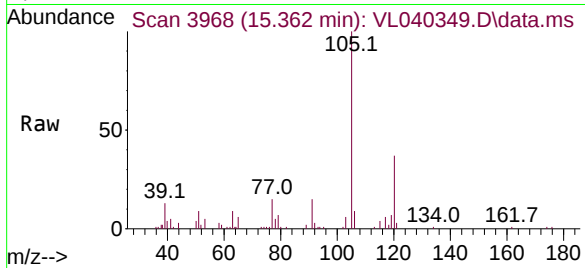




#73
1,3,5-Trimethylbenzene
Concen: 0.311 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

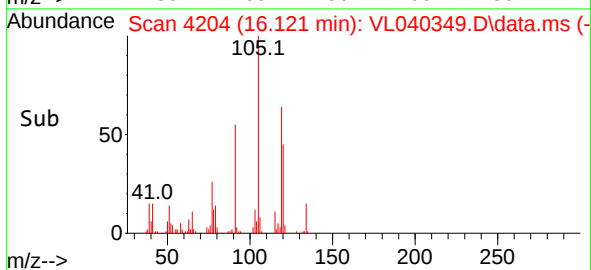
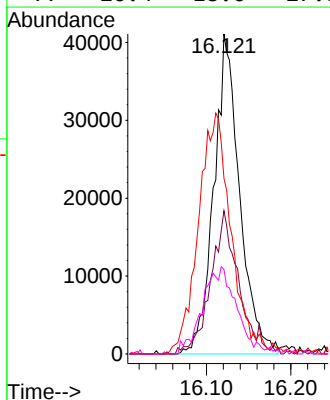
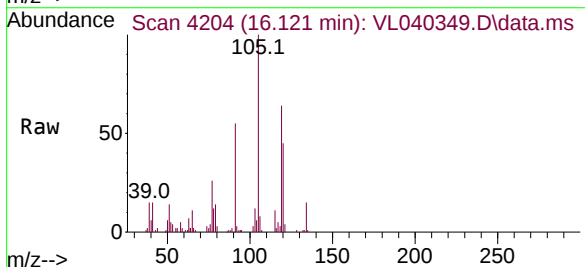
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

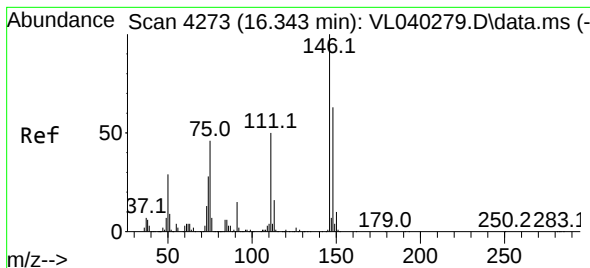
Tgt Ion:105 Resp: 65657
Ion Ratio Lower Upper
105 100
120 38.5 34.9 52.3



#74
1,2,4-Trimethylbenzene
Concen: 0.362 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. -0.000 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:105 Resp: 87224
Ion Ratio Lower Upper
105 100
120 42.7 36.6 54.8
91 53.4 39.9 59.9
77 26.4 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 0.161 ppbv

RT: 16.343 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

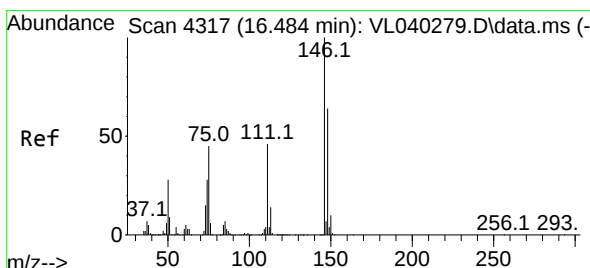
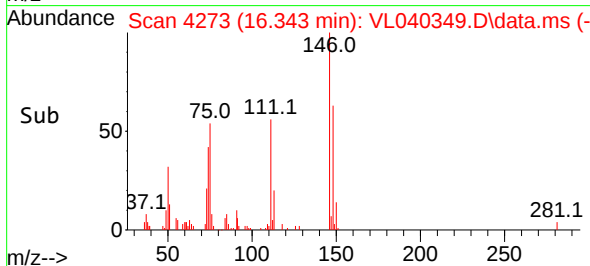
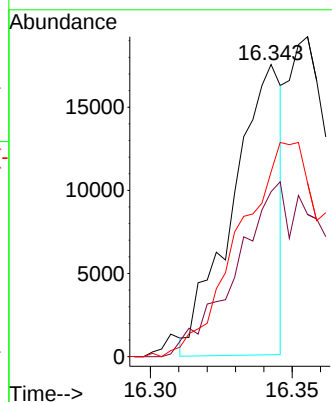
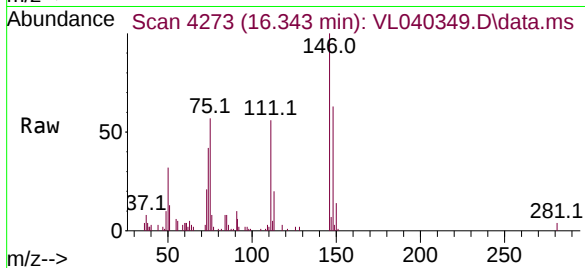
Tgt Ion:146 Resp: 21014

Ion Ratio Lower Upper

146 100

111 124.8 24.3 73.0#

148 0.0 31.9 95.5#



#76

1,4-Dichlorobenzene

Concen: 0.350 ppbv

RT: 16.494 min Scan# 4320

Delta R.T. 0.010 min

Lab File: VL040349.D

Acq: 12 Apr 2023 23:23

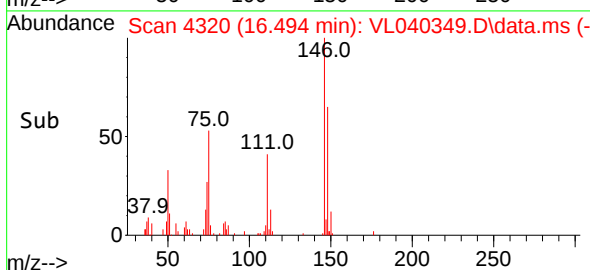
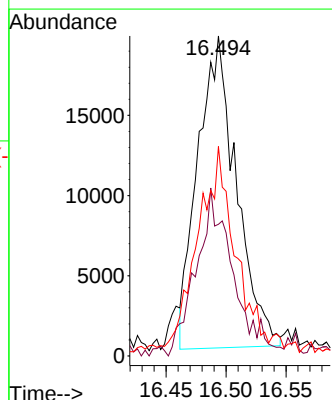
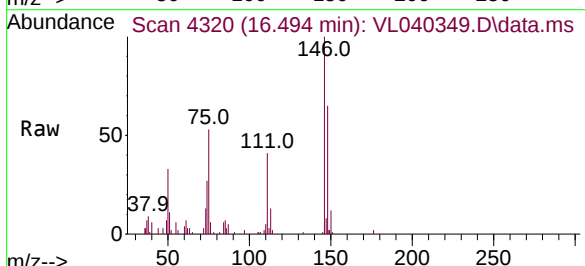
Tgt Ion:146 Resp: 43581

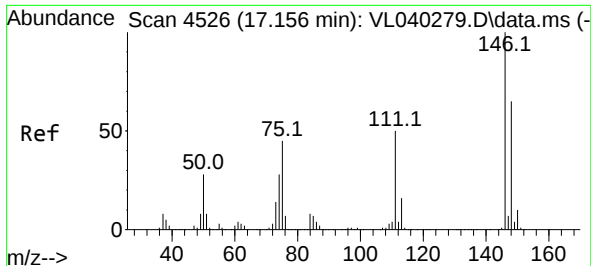
Ion Ratio Lower Upper

146 100

111 51.8 23.8 71.2

148 73.8 32.5 97.5

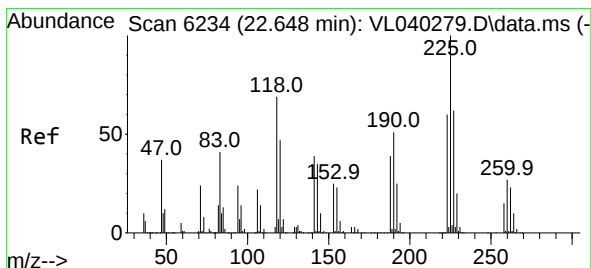
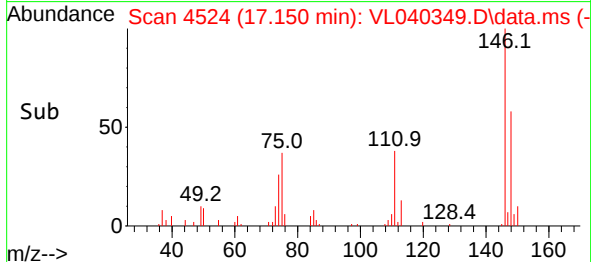
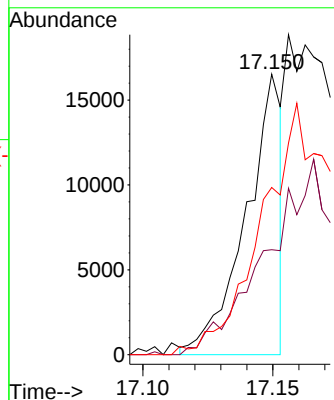
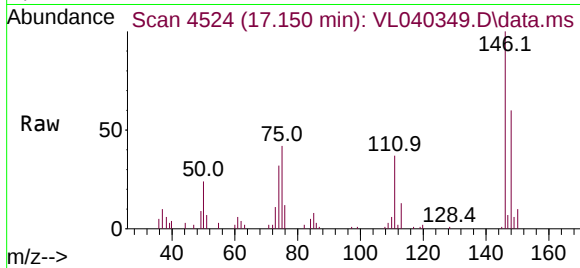




#77
1,2-Dichlorobenzene
Concen: 0.125 ppbv
RT: 17.150 min Scan# 4524
Delta R.T. -0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

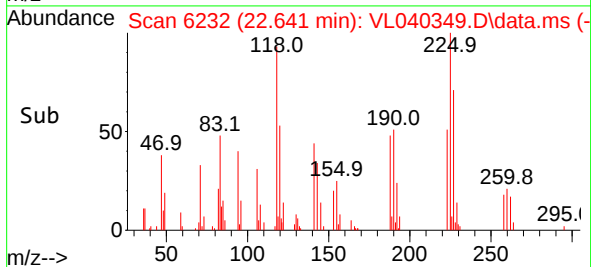
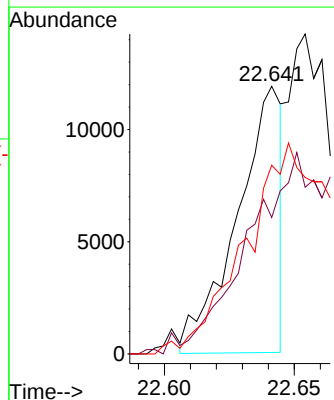
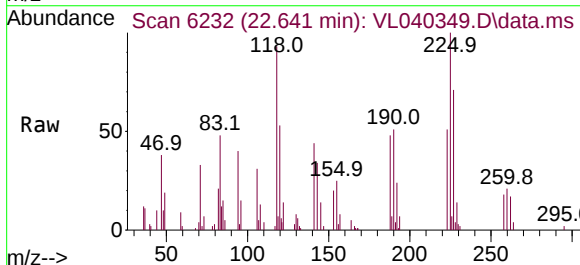
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

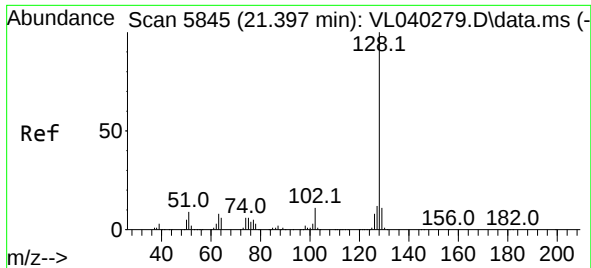
Tgt Ion:146 Resp: 15716
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 0.0 32.1 96.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.153 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. -0.007 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:225 Resp: 14126
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.4 77.2#

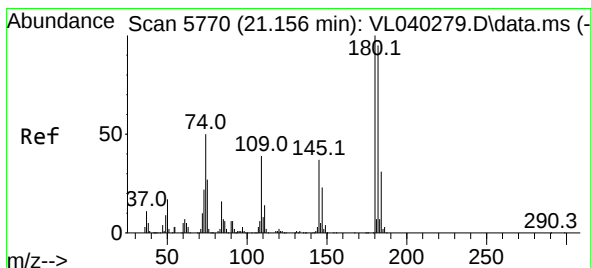
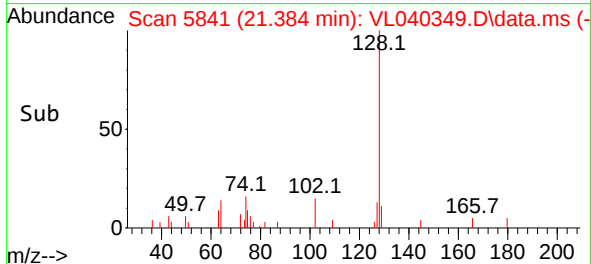
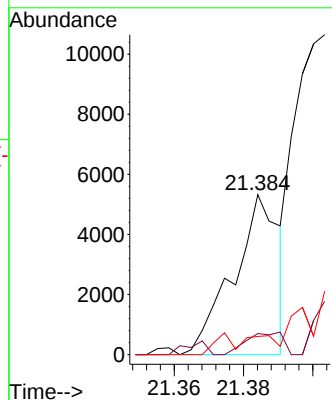
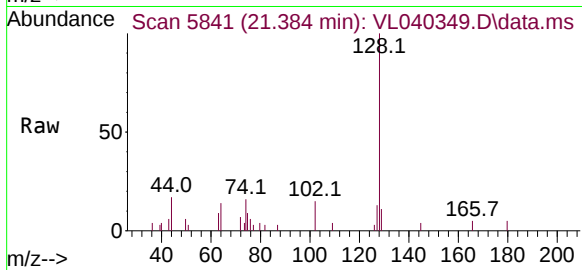




#79
Naphthalene
Concen: 0.034 ppbv
RT: 21.384 min Scan# 5845
Delta R.T. -0.013 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion:128 Resp: 4859
Ion Ratio Lower Upper
128 100
127 7.6 9.6 14.4#
129 11.4 8.6 13.0



#81
1,2,4-Trichlorobenzene
Concen: 0.110 ppbv
RT: 21.162 min Scan# 5772
Delta R.T. 0.006 min
Lab File: VL040349.D
Acq: 12 Apr 2023 23:23

Tgt Ion:180 Resp: 9644
Ion Ratio Lower Upper
180 100
182 0.0 76.1 114.1#
184 0.0 24.4 36.6#

