

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
 Data File : VL042617.D
 Acq On : 05 Jun 2025 12:03
 Operator : SY/MD
 Sample : Q2126-15 MDL 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

Quant Time: Jun 06 01:39:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	101439	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	270217	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	241612	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	183730	10.144	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	6360	0.510	ppbv	95
3) Chlorodifluoromethane	1.479	51	9552	0.556	ppbv	96
4) Chloromethane	1.534	50	2335	0.473	ppbv	92
5) Vinyl Chloride	1.583	62	2547	0.506	ppbv #	83
6) Bromomethane	1.670	94	1222	0.499	ppbv	88
7) Chloroethane	1.706	64	957	0.490	ppbv #	82
8) Dichlorotetrafluoroethane	1.557	85	5481	0.528	ppbv	92
9) Propene	1.486	41	3572	0.517	ppbv	99
10) Heptane	4.981	43	4223	0.217	ppbv #	32
11) Trichlorofluoromethane	1.881	101	6114	0.527	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	4560	0.501	ppbv	88
13) Ethanol	1.725	45	624	0.757	ppbv	71
14) Bromoethene	1.784	108	1992	0.581	ppbv #	80
15) Acetone	1.839	43	7720	0.632	ppbv	98
16) 1,3-Butadiene	1.612	39	3231	0.558	ppbv	90
17) tert-Butyl alcohol	2.049	59	5793	0.455	ppbv #	94
18) 1,1-Dichloroethene	2.344	96	2257	0.535	ppbv	93
19) Isopropyl Alcohol	1.891	45	3722	0.510	ppbv #	74
20) Methylene Chloride	2.065	84	2449	0.607	ppbv #	89
21) Allyl Chloride	2.101	41	3907	0.453	ppbv #	76
22) trans-1,2-Dichloroethene	2.344	96	2257	0.479	ppbv	83
23) Vinyl Acetate	2.467	43	10866	0.658	ppbv #	91
24) 1,1-Dichloroethane	2.415	63	4838	0.499	ppbv #	95
25) Ethyl Acetate	2.845	43	16061	0.480	ppbv	97
26) Hexane	2.832	57	6099	0.401	ppbv #	76
27) Carbon Disulfide	2.156	76	5513	0.473	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	3159	0.512	ppbv	99
29) Chloroform	2.852	83	10433	0.528	ppbv	90
30) Cyclohexane	3.862	84	2677	0.213	ppbv #	1
31) cis-1,2-Dichloroethene	2.726	61	6668	0.480	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	5720	0.283	ppbv #	43
34) 2-Butanone	2.564	43	11155	0.579	ppbv	98
35) Carbon Tetrachloride	3.774	117	9310	0.522	ppbv #	86
36) Benzene	3.664	78	13395	0.503	ppbv	99
37) 1,2-Dichloroethane	3.221	62	7911	0.598	ppbv	99
38) Trichloroethene	4.561	130	5608	0.496	ppbv #	86
39) 1,2-Dichloropropane	4.318	63	5166	0.525	ppbv	91
40) 1,4-Dioxane	4.616	88	1533	0.348	ppbv #	24
41) Tetrahydrofuran	3.069	42	5061	0.449	ppbv	96
42) Bromodichloromethane	4.502	83	10374	0.552	ppbv	97
43) Methyl Methacrylate	4.894	69	2264	0.219	ppbv #	1
44) 2,2,4-Trimethylpentane	4.651	57	21138	0.464	ppbv	95
45) t-1,3-Dichloropropene	6.435	75	969	0.082	ppbv #	81

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 Misc : 400mL/MSVOA_L
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Instrument :
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 MDL-AIR-03-QT2-2025

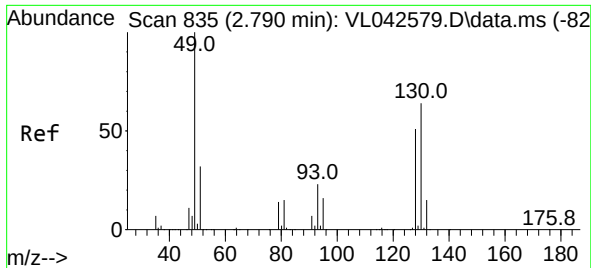
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	581	0.039	ppbv	94
47) 1,1,2-Trichloroethane	6.590	97	2833	0.278	ppbv	96
48) Dibromochloromethane	7.402	129	4420	0.271	ppbv #	10
49) Bromoform	9.493	173	6666	0.474	ppbv	95
50) 4-Methyl-2-Pentanone	5.784	43	6499	0.243	ppbv #	39
51) 2-Hexanone	7.454	43	7986	0.377	ppbv #	93
52) Tetrachloroethene	8.231	164	4877	0.490	ppbv	85
53) Toluene	6.943	91	12731	0.414	ppbv	99
54) 1,2-Dibromoethane	7.661	107	6988	0.463	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.943	131	1899	0.156	ppbv #	1
57) Chlorobenzene	8.930	112	12446	0.531	ppbv	92
58) Ethyl Benzene	9.361	91	17127	0.418	ppbv	95
59) m/p-Xylene	9.542	91	10580	0.328	ppbv #	29
60) o-Xylene	9.972	91	13877	0.431	ppbv	98
61) Styrene	9.882	104	5106	0.336	ppbv	92
62) Isopropylbenzene	10.549	105	21078	0.444	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.976	83	10883	0.532	ppbv	99
64) n-propylbenzene	10.995	120	5325	0.418	ppbv	97
65) tert-Butylbenzene	11.539	119	16908	0.392	ppbv	91
66) Benzyl Chloride	11.623	91	1437	0.259	ppbv #	82
67) sec-Butylbenzene	11.775	105	26028	0.429	ppbv	98
69) p-Isopropyltoluene	11.931	119	19506	0.384	ppbv	97
70) n-Butylbenzene	12.290	91	19163	0.382	ppbv	91
71) 2-Chlorotoluene	10.908	91	14866	0.410	ppbv	99
72) 4-Ethyltoluene	11.131	105	15586	0.389	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.209	105	13664	0.412	ppbv	98
74) 1,2,4-Trimethylbenzene	11.545	105	15441	0.419	ppbv	90
75) 1,3-Dichlorobenzene	11.613	146	11403	0.493	ppbv	95
76) 1,4-Dichlorobenzene	11.678	146	10641	0.461	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	11615	0.517	ppbv	95
78) Hexachloro-1,3-Butadiene	13.889	225	9667	0.520	ppbv	95
79) Naphthalene	13.520	128	6987	0.201	ppbv	95
80) Naphthalene,2-methyl-	14.468	142	757	0.048	ppbv #	90
81) 1,2,4-Trichlorobenzene	13.445	180	4619	0.238	ppbv	93

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

Instrument :
MSVOA_L
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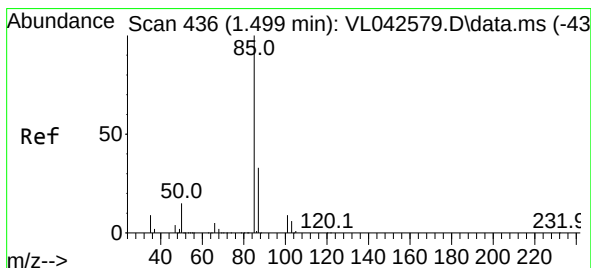
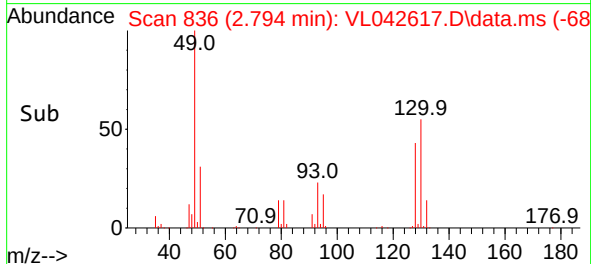
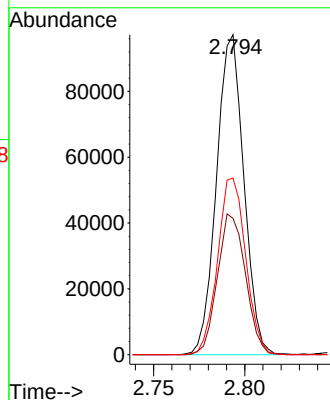
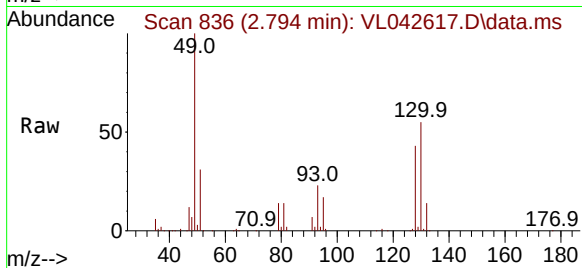
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

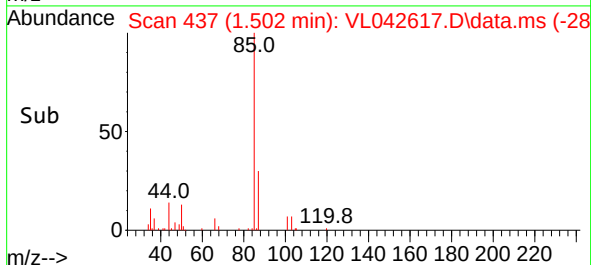
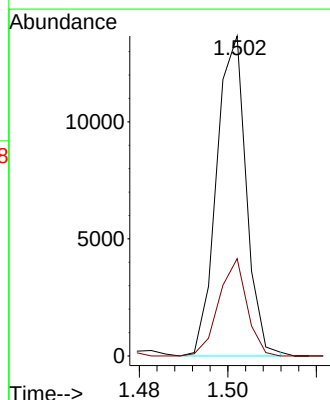
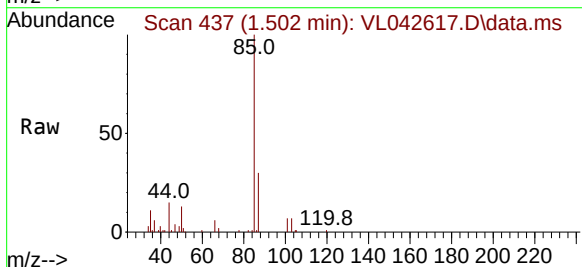
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ClientSampleId :
MDL-AIR-03-QT2-2025

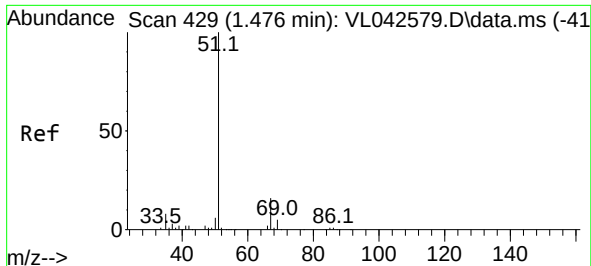
Tgt Ion: 49 Resp: 101439
Ion Ratio Lower Upper
49 100
128 45.0 24.2 72.6
130 56.6 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 85 Resp: 6360
Ion Ratio Lower Upper
85 100
87 30.4 26.6 39.8





#3

Chlorodifluoromethane

Concen: 0.556 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

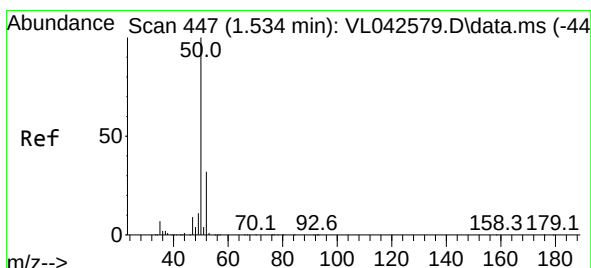
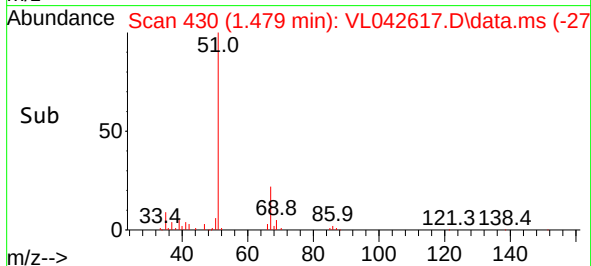
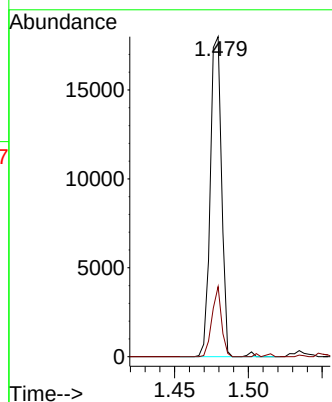
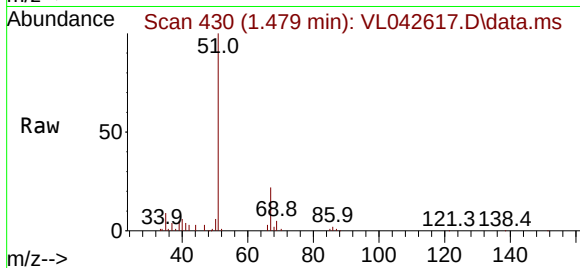
MDL-AIR-03-QT2-2025

Tgt Ion: 51 Resp: 9552

Ion Ratio Lower Upper

51 100

67 18.5 13.4 20.2



#4

Chloromethane

Concen: 0.473 ppbv

RT: 1.534 min Scan# 447

Delta R.T. 0.000 min

Lab File: VL042617.D

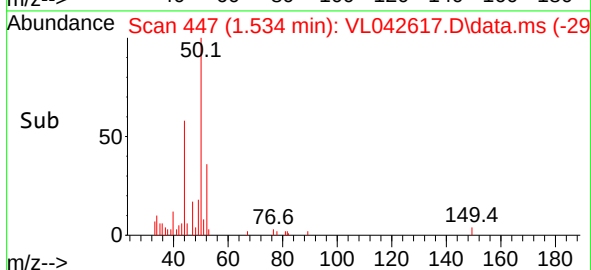
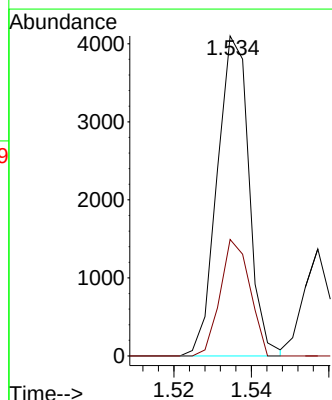
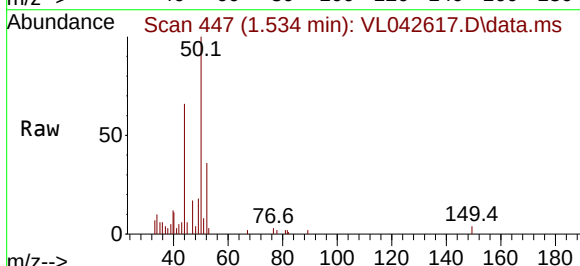
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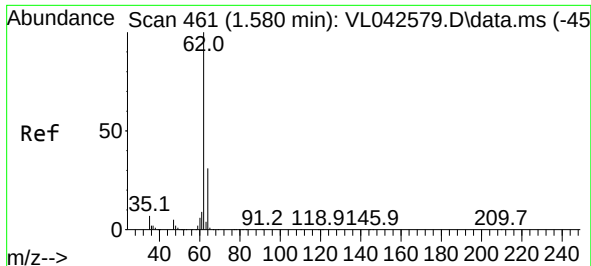
Tgt Ion: 50 Resp: 2335

Ion Ratio Lower Upper

50 100

52 36.4 25.8 38.6

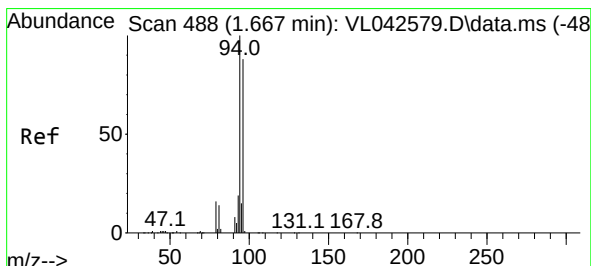
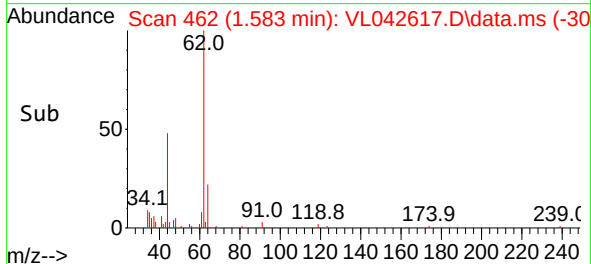
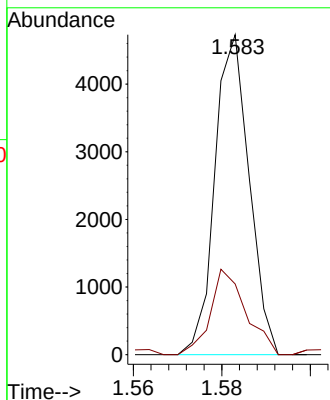
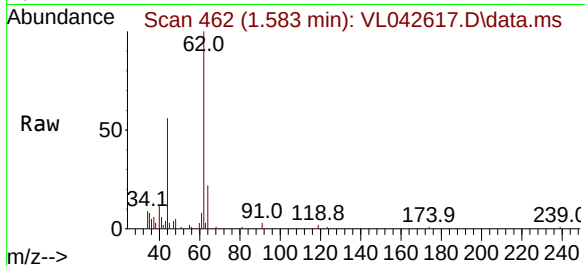




#5
 Vinyl Chloride
 Concen: 0.506 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

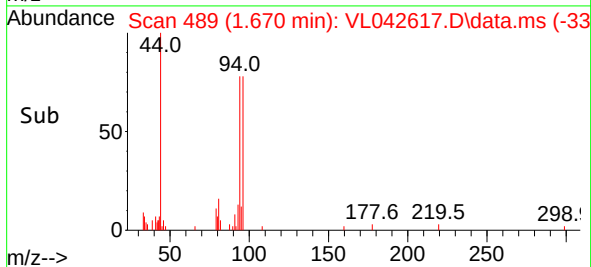
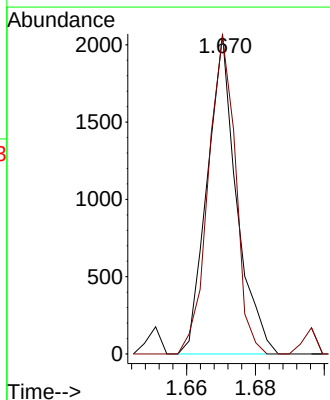
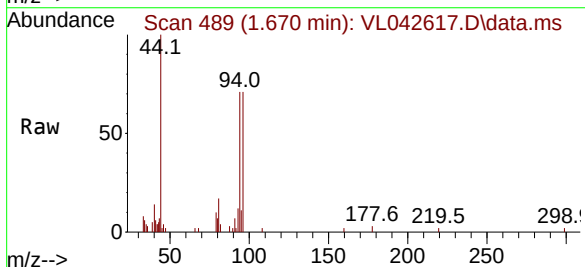
Instrument :
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 MDL-AIR-03-QT2-2025

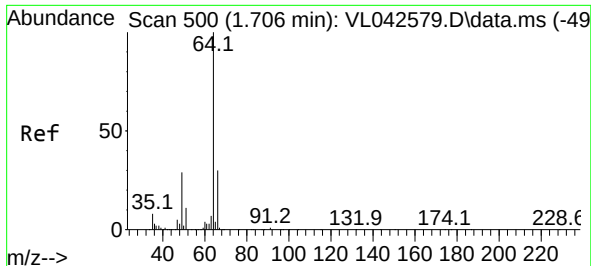
Tgt Ion: 62 Resp: 2547
 Ion Ratio Lower Upper
 62 100
 64 21.5 24.9 37.3#



#6
 Bromomethane
 Concen: 0.499 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

Tgt Ion: 94 Resp: 1222
 Ion Ratio Lower Upper
 94 100
 96 99.3 70.7 106.1

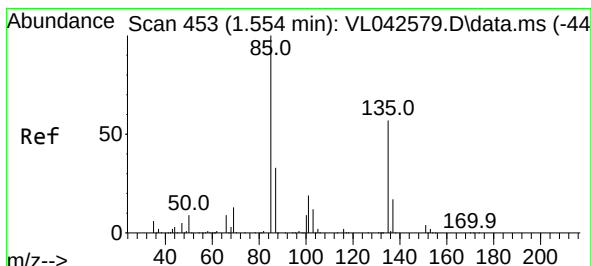
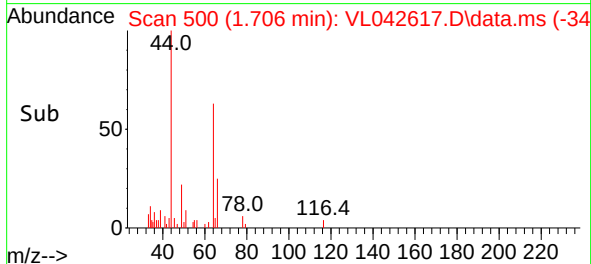
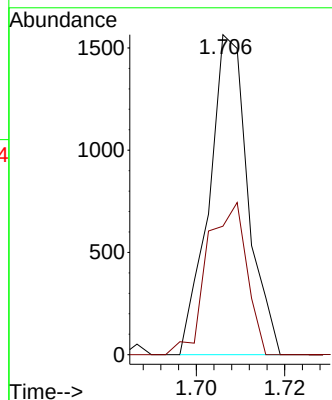
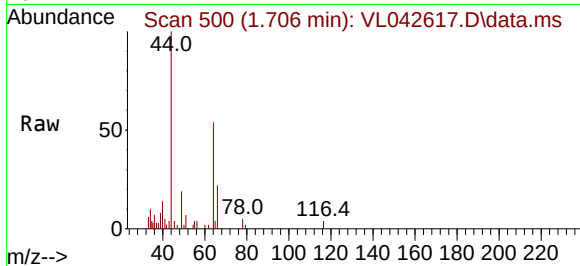




#7
Chloroethane
Concen: 0.490 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

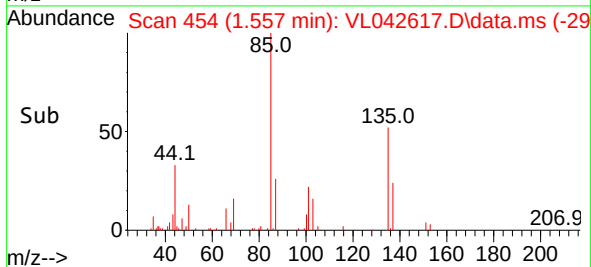
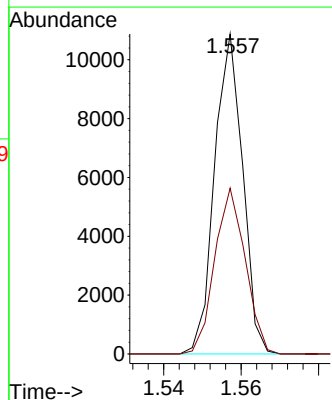
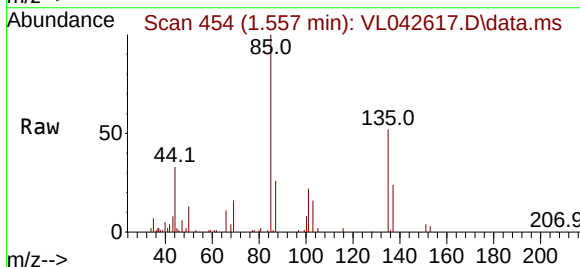
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

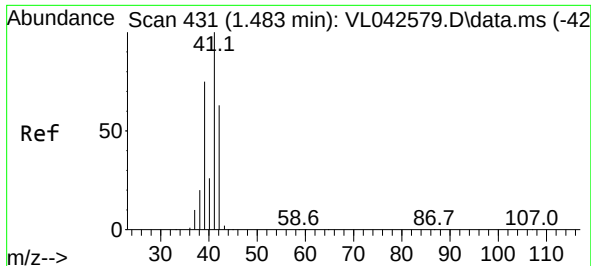
Tgt Ion: 64 Resp: 957
Ion Ratio Lower Upper
64 100
66 40.1 24.3 36.5#



#8
Dichlorotetrafluoroethane
Concen: 0.528 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 85 Resp: 5481
Ion Ratio Lower Upper
85 100
135 56.5 50.2 75.4





#9

Propene

Concen: 0.517 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

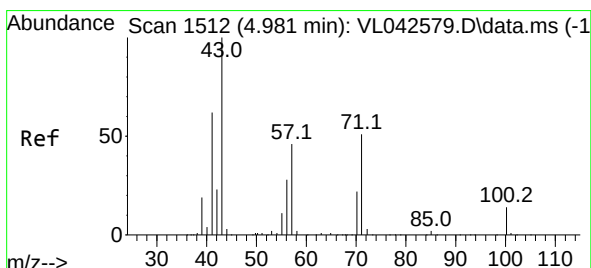
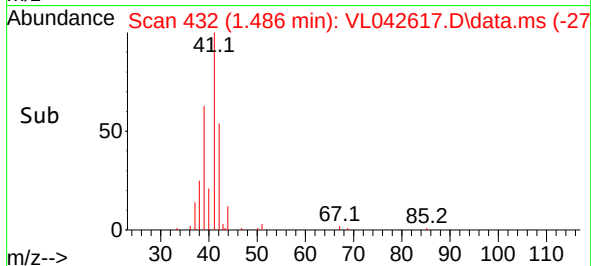
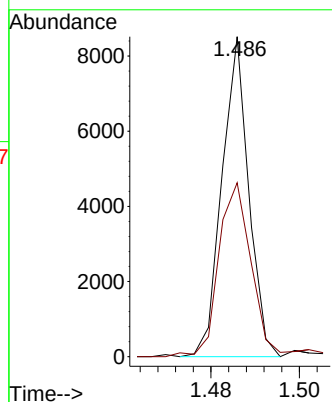
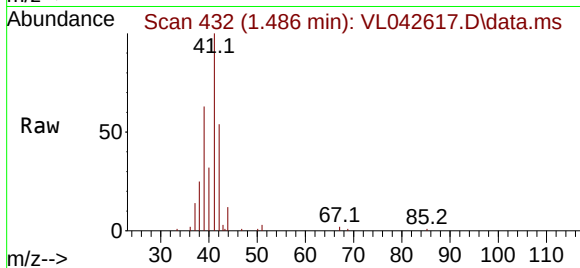
MDL-AIR-03-QT2-2025

Tgt Ion: 41 Resp: 3572

Ion Ratio Lower Upper

41 100

42 67.5 53.3 79.9



#10

Heptane

Concen: 0.217 ppbv

RT: 4.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VL042617.D

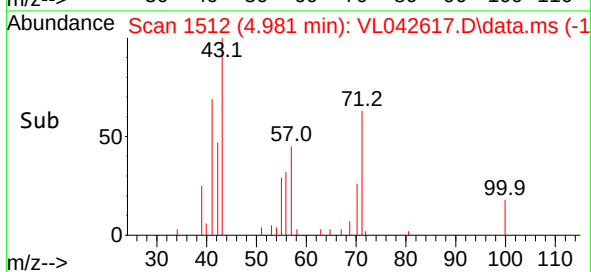
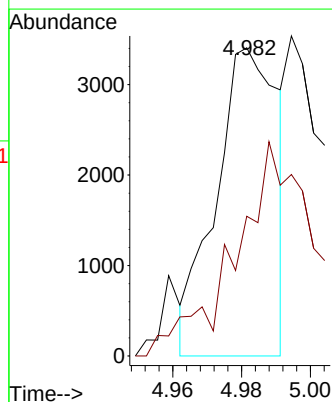
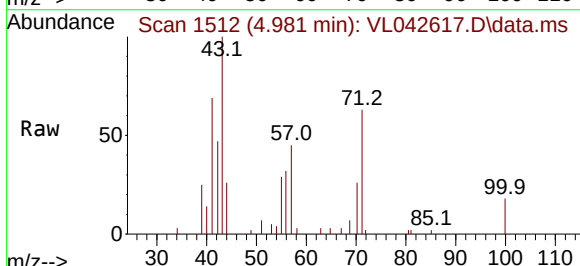
Acq: 05 Jun 2025 12:03

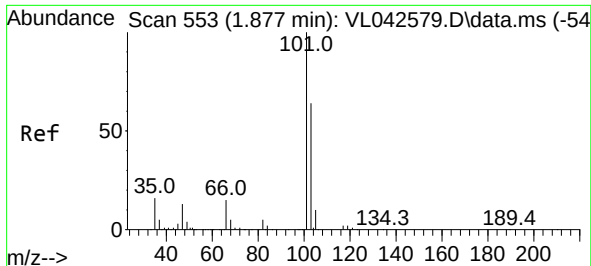
Tgt Ion: 43 Resp: 4223

Ion Ratio Lower Upper

43 100

57 94.9 38.9 58.3#

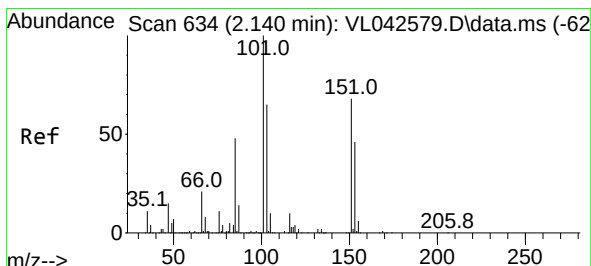
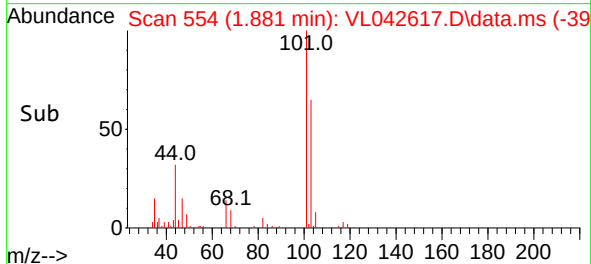
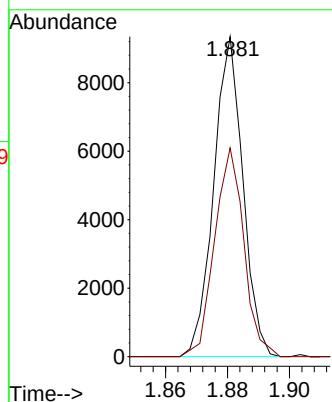
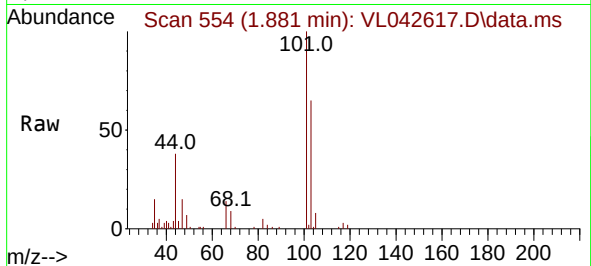




#11
 Trichlorofluoromethane
 Concen: 0.527 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

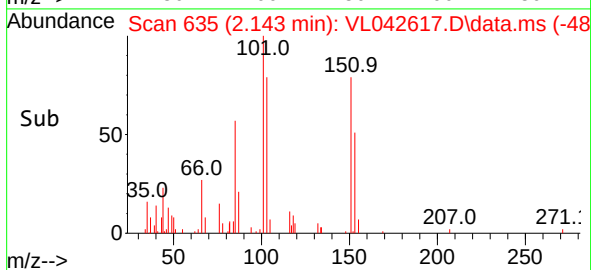
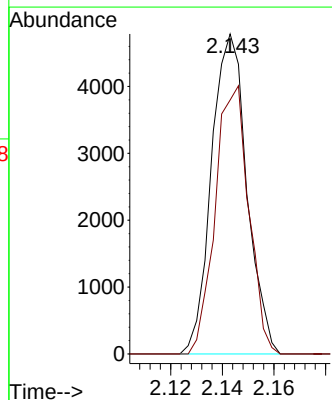
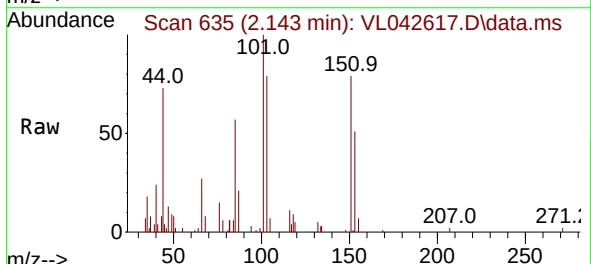
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

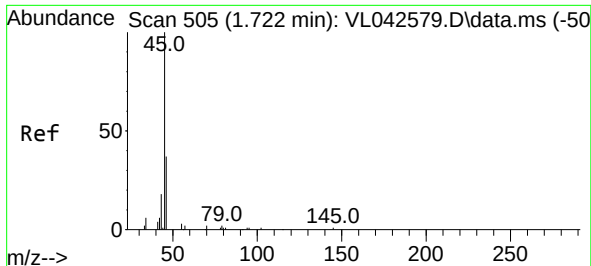
Tgt Ion:101 Resp: 6114
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.501 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

Tgt Ion:101 Resp: 4560
 Ion Ratio Lower Upper
 101 100
 151 79.1 55.3 82.9





#13

Ethanol

Concen: 0.757 ppbv

RT: 1.725 min Scan# 505

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

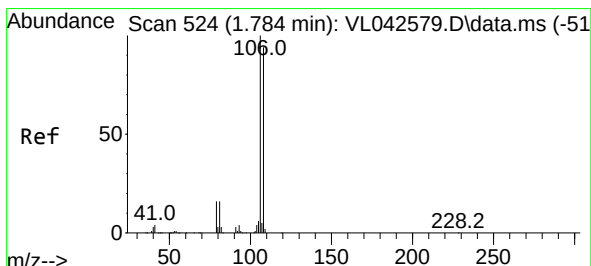
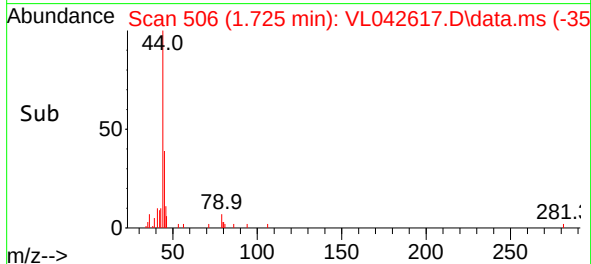
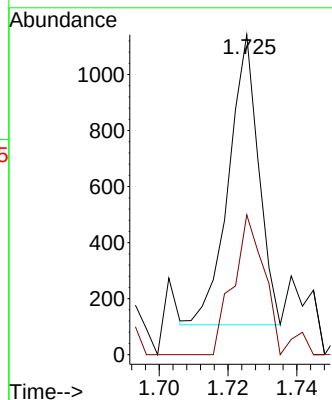
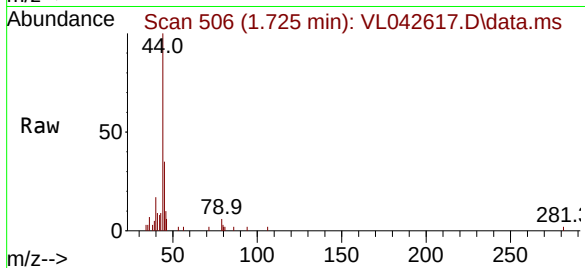
MDL-AIR-03-QT2-2025

Tgt Ion: 45 Resp: 624

Ion Ratio Lower Upper

45 100

46 53.5 14.5 58.1



#14

Bromoethene

Concen: 0.581 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.000 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

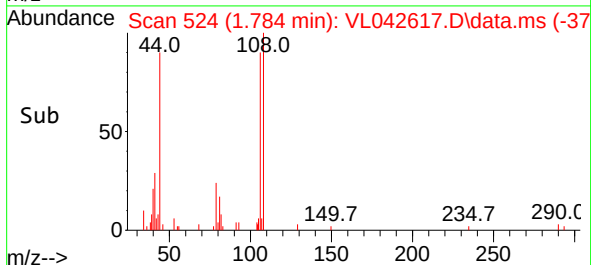
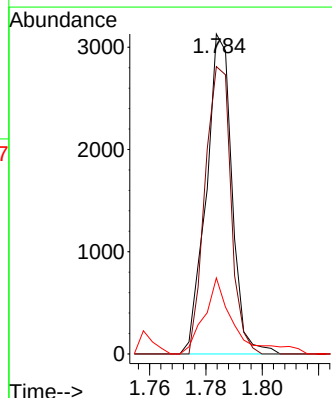
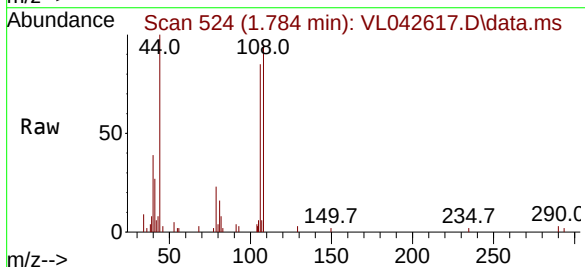
Tgt Ion: 108 Resp: 1992

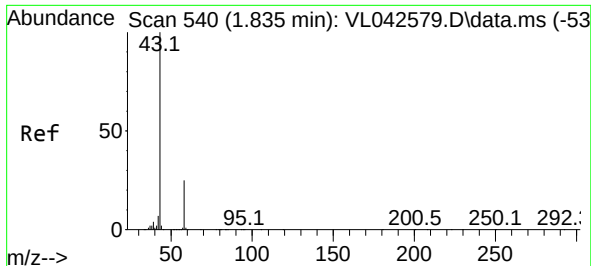
Ion Ratio Lower Upper

108 100

106 90.1 87.9 131.9

79 31.4 15.6 23.4#





#15

Acetone

Concen: 0.632 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

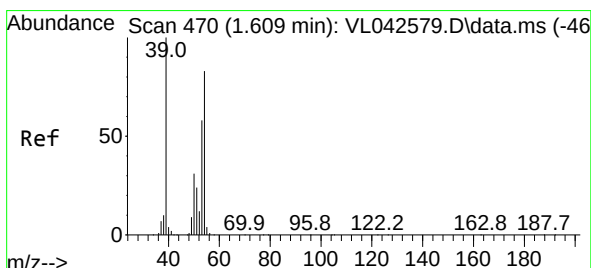
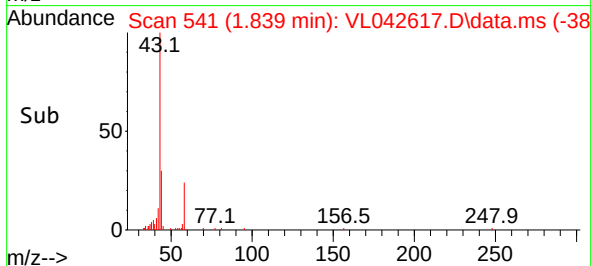
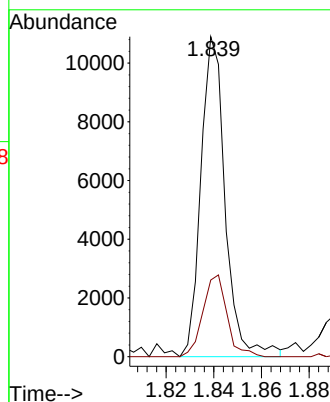
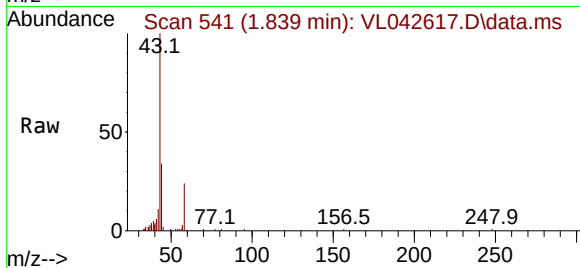
MDL-AIR-03-QT2-2025

Tgt Ion: 43 Resp: 7720

Ion Ratio Lower Upper

43 100

58 25.3 21.0 31.4



#16

1,3-Butadiene

Concen: 0.558 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.003 min

Lab File: VL042617.D

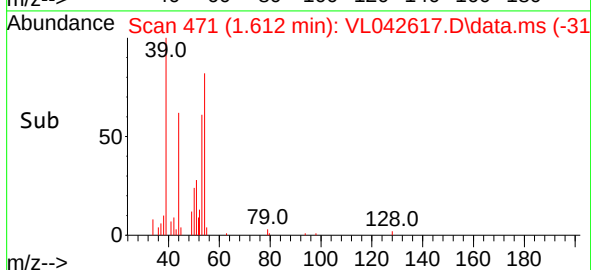
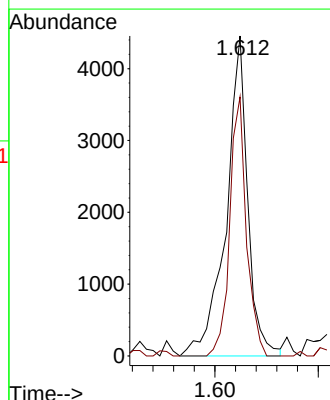
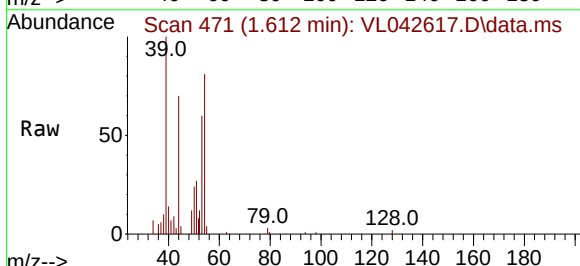
Acq: 05 Jun 2025 12:03

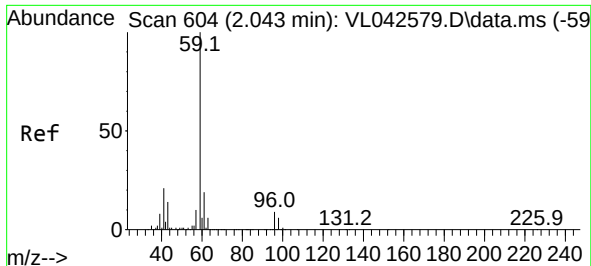
Tgt Ion: 39 Resp: 3231

Ion Ratio Lower Upper

39 100

54 64.2 57.9 86.9





#17

tert-Butyl alcohol

Concen: 0.455 ppbv

RT: 2.049 min Scan# 604

Delta R.T. 0.007 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

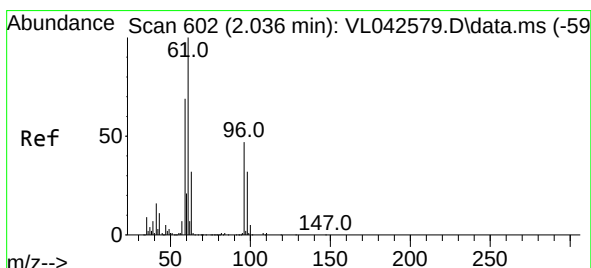
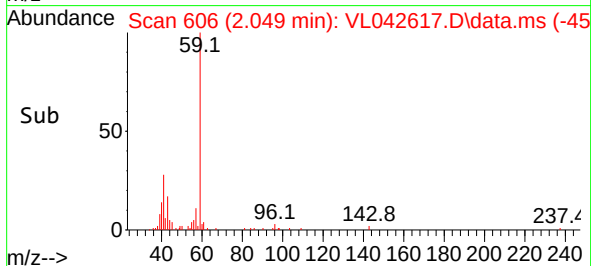
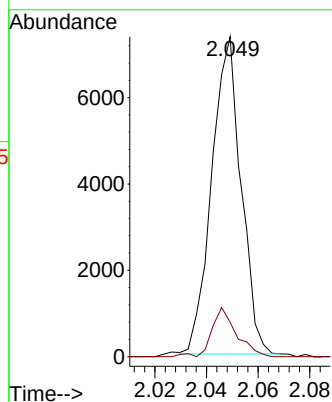
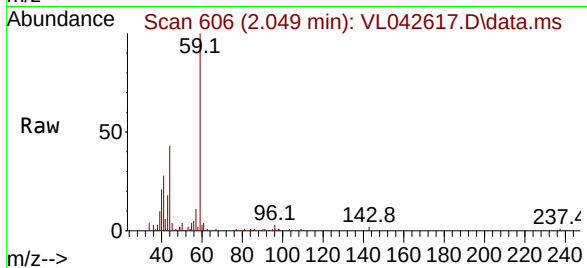
MDL-AIR-03-QT2-2025

Tgt Ion: 59 Resp: 5793

Ion Ratio Lower Upper

59 100

57 13.0 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.535 ppbv

RT: 2.344 min Scan# 697

Delta R.T. 0.308 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

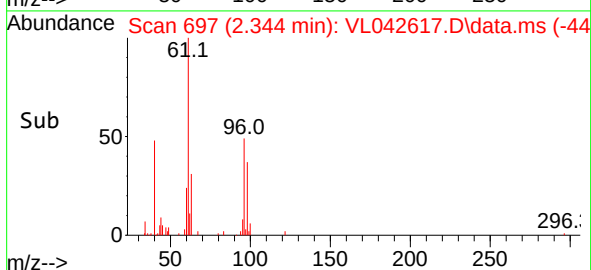
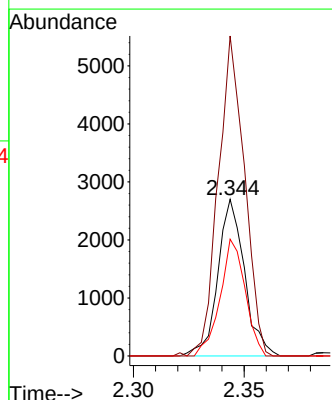
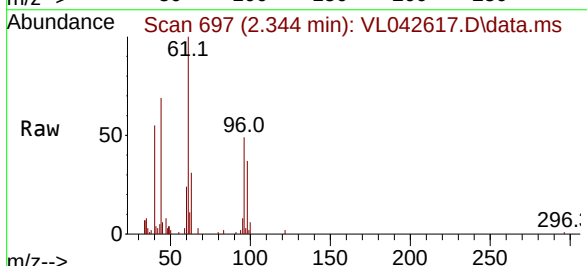
Tgt Ion: 96 Resp: 2257

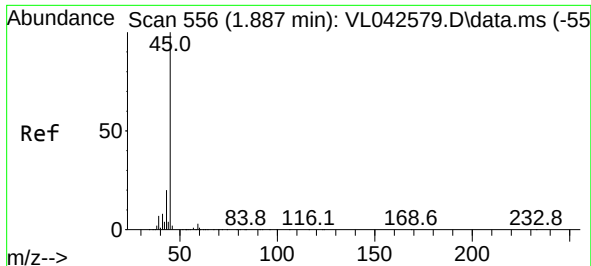
Ion Ratio Lower Upper

96 100

61 204.3 171.1 256.7

98 74.6 54.4 81.6

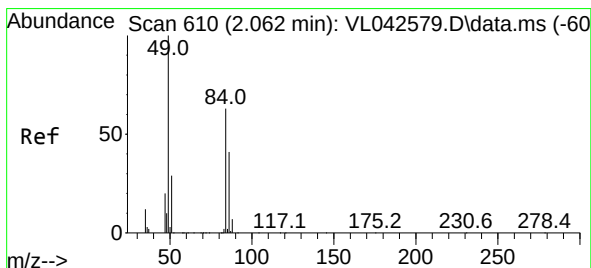
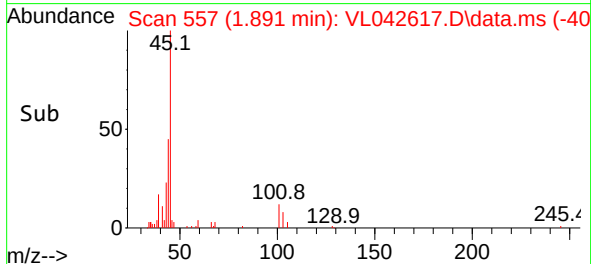
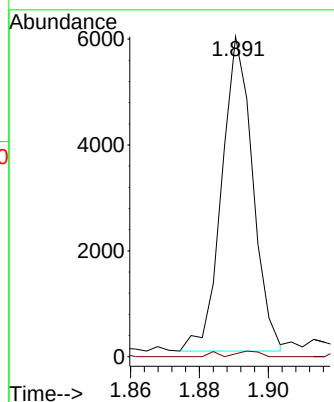
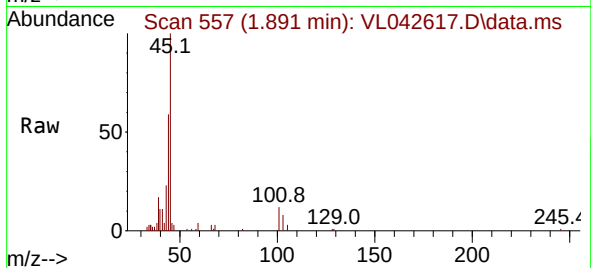




#19
Isopropyl Alcohol
Concen: 0.510 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

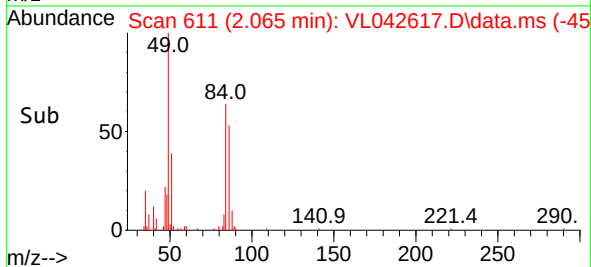
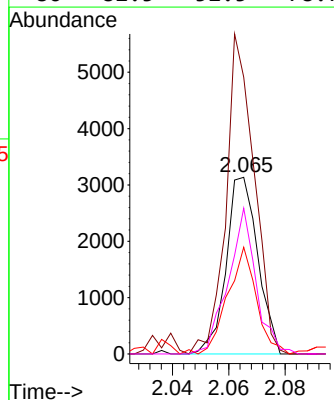
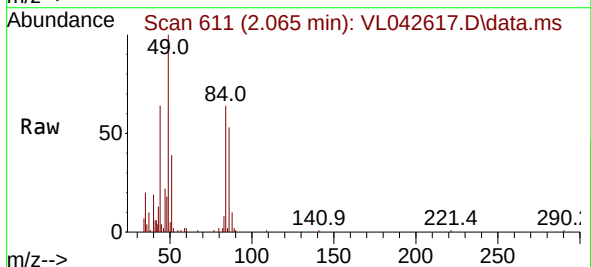
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

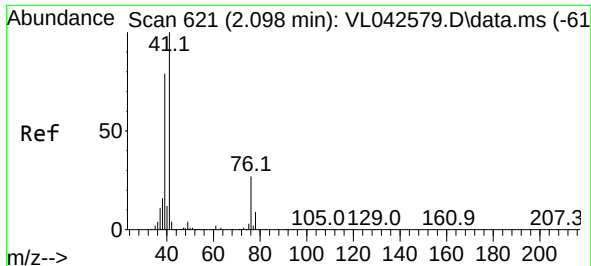
Tgt Ion: 45 Resp: 3722
Ion Ratio Lower Upper
45 100
58 52.4 29.4 44.2#



#20
Methylene Chloride
Concen: 0.607 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 84 Resp: 2449
Ion Ratio Lower Upper
84 100
49 154.5 128.8 193.2
51 60.4 38.6 57.8#
86 82.5 52.5 78.7#

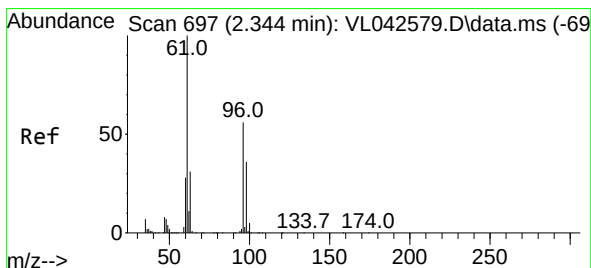
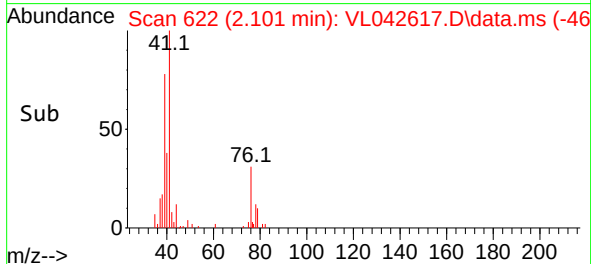
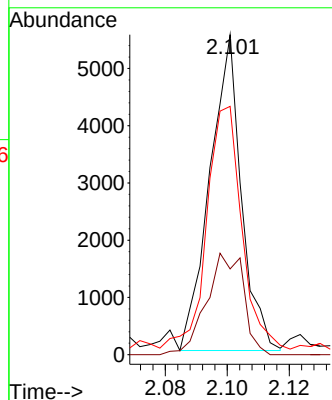
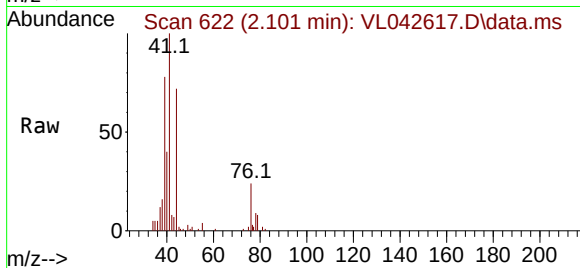




#21
 Allyl Chloride
 Concen: 0.453 ppbv
 RT: 2.101 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

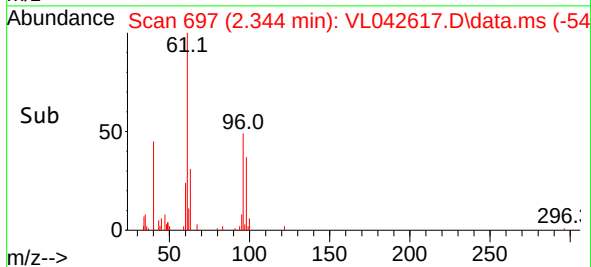
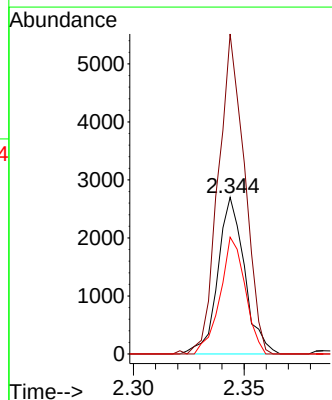
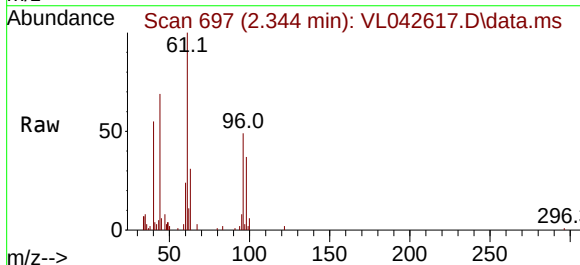
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

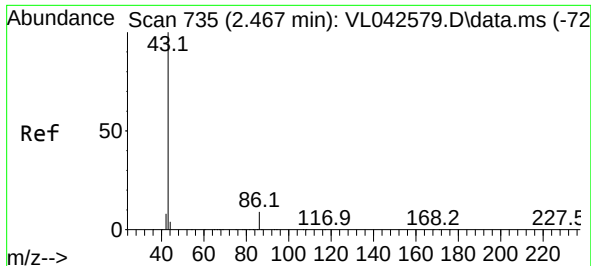
Tgt Ion: 41 Resp: 3907
 Ion Ratio Lower Upper
 41 100
 76 37.5 21.2 31.8#
 39 97.3 60.9 91.3#



#22
 trans-1,2-Dichloroethene
 Concen: 0.479 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

Tgt Ion: 96 Resp: 2257
 Ion Ratio Lower Upper
 96 100
 61 204.3 142.6 214.0
 98 74.6 51.0 76.4

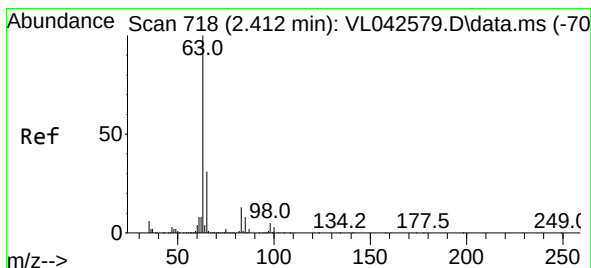
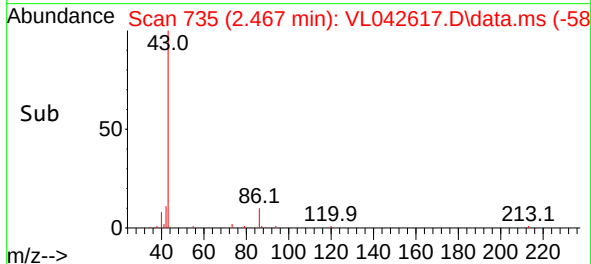
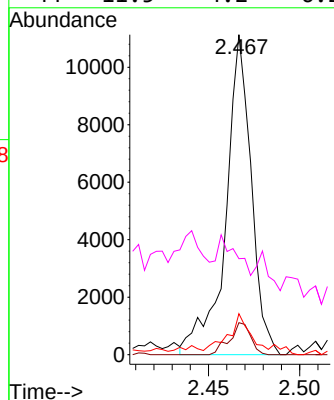
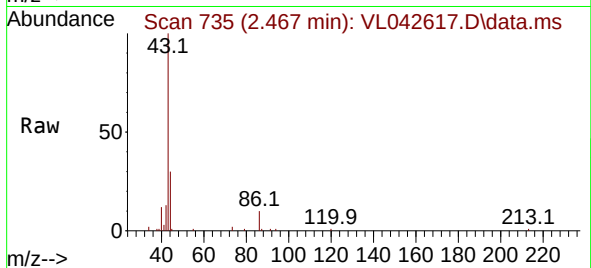




#23
 Vinyl Acetate
 Concen: 0.658 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

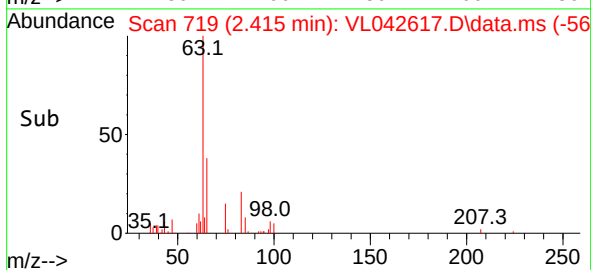
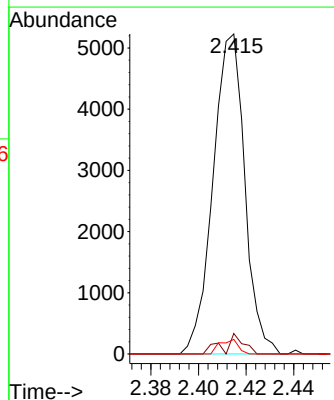
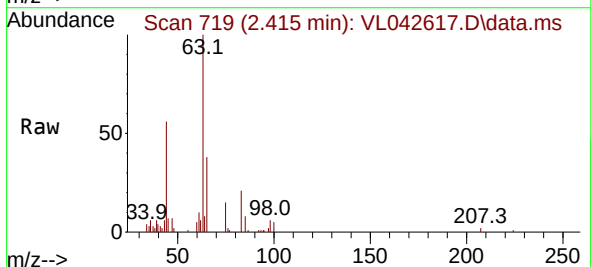
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL-AIR-03-QT2-2025

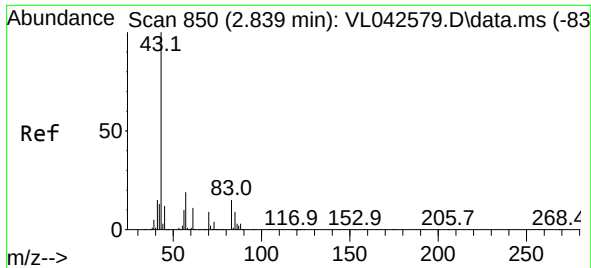
Tgt Ion:	43	Resp:	10866
Ion	Ratio	Lower	Upper
43	100		
86	10.0	6.6	9.8#
42	11.1	7.0	10.4#
44	11.5	4.2	6.2#



#24
 1,1-Dichloroethane
 Concen: 0.499 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

Tgt Ion:	63	Resp:	4838
Ion	Ratio	Lower	Upper
63	100		
98	6.4	2.4	7.1
100	4.6	1.4	4.0#

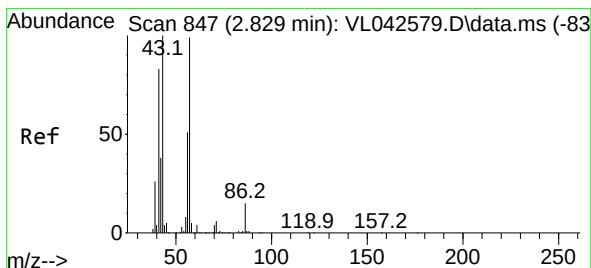
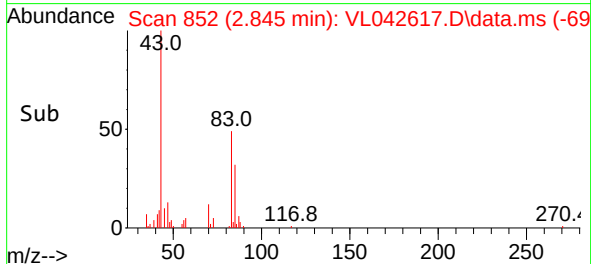
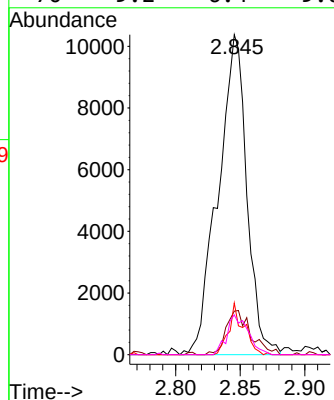
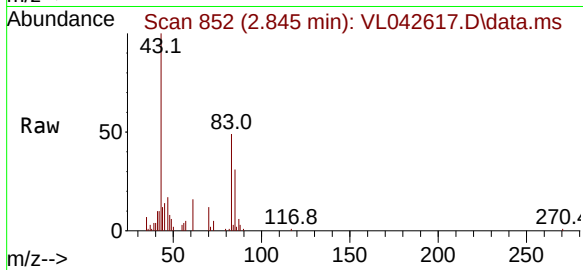




#25
Ethyl Acetate
Concen: 0.480 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

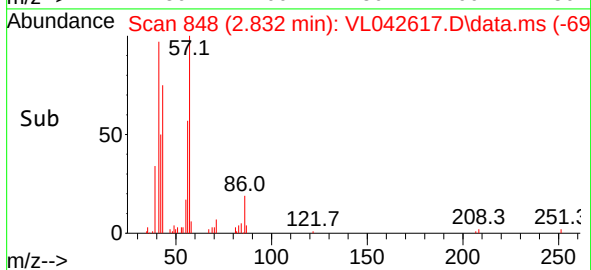
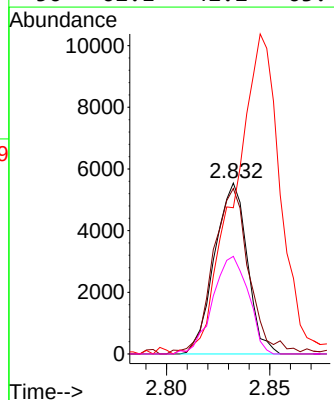
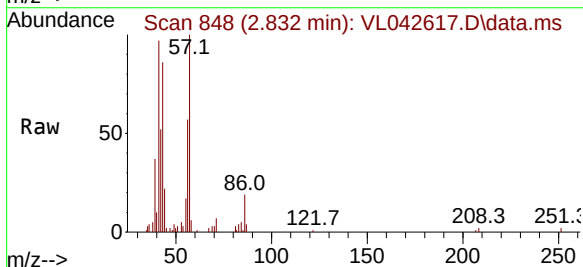
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

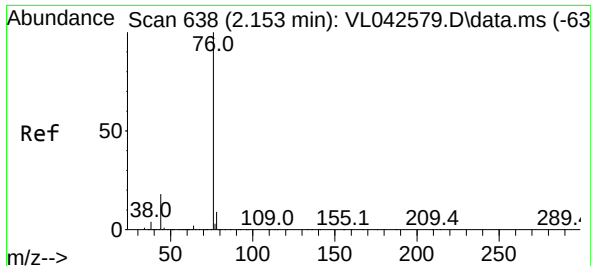
Tgt Ion: 43	Resp: 16061
Ion Ratio	Lower Upper
43 100	
45 12.0	8.2 12.2
61 8.5	7.1 10.7
70 9.2	6.4 9.6



#26
Hexane
Concen: 0.401 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 57	Resp: 6099
Ion Ratio	Lower Upper
57 100	
41 108.1	70.6 106.0#
43 271.6	181.1 271.7
56 62.1	42.2 63.4





#27

Carbon Disulfide

Concen: 0.473 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

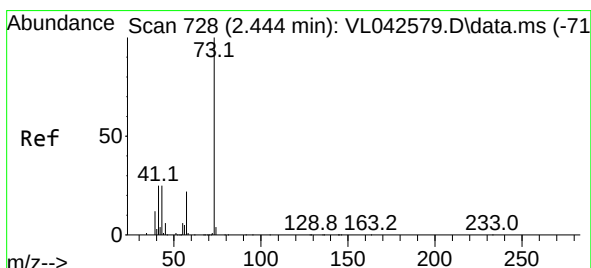
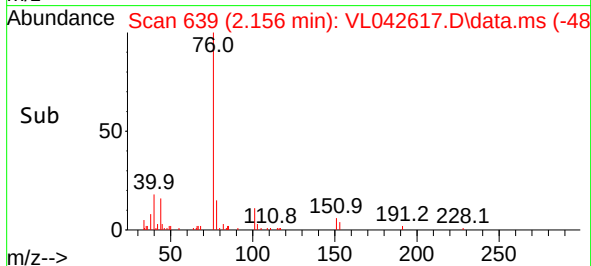
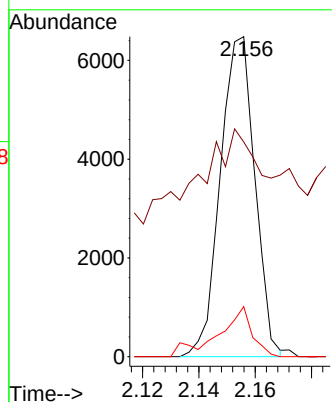
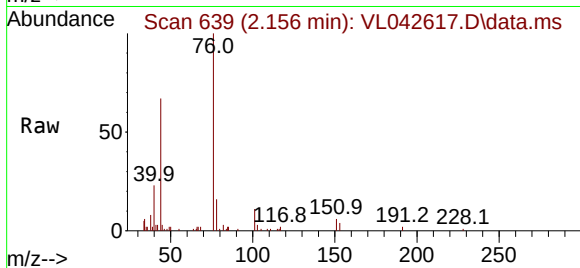
Tgt Ion: 76 Resp: 5513

Ion Ratio Lower Upper

76 100

44 102.6 21.3 31.9#

78 15.3 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.512 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.000 min

Lab File: VL042617.D

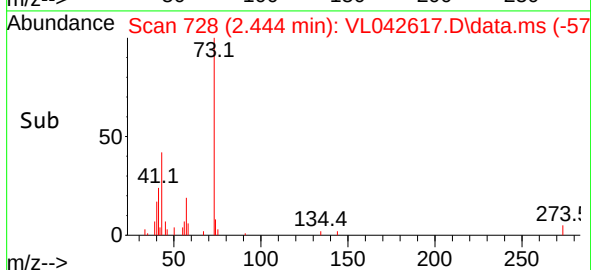
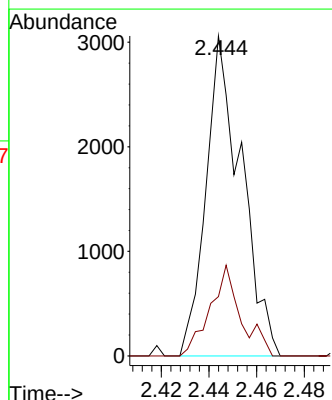
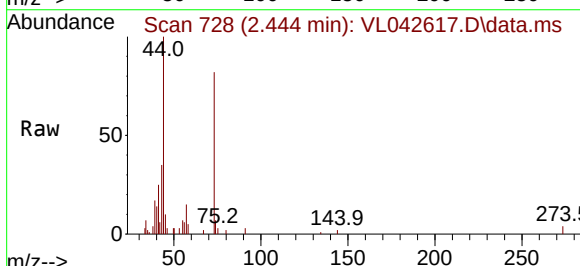
Acq: 05 Jun 2025 12:03

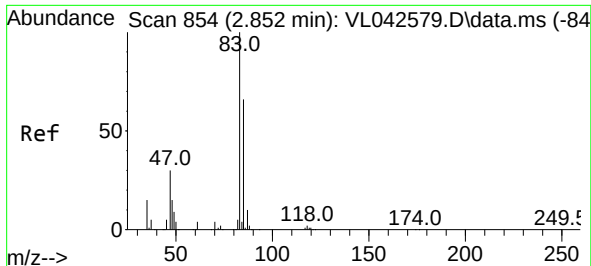
Tgt Ion: 73 Resp: 3159

Ion Ratio Lower Upper

73 100

57 24.5 19.9 29.9





#29

Chloroform

Concen: 0.528 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.000 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

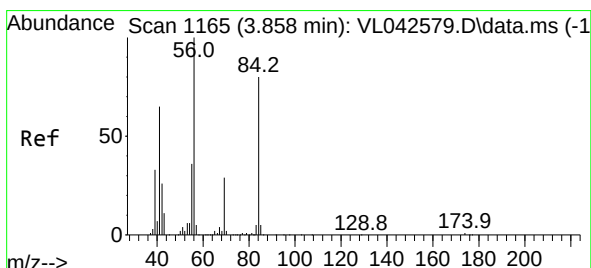
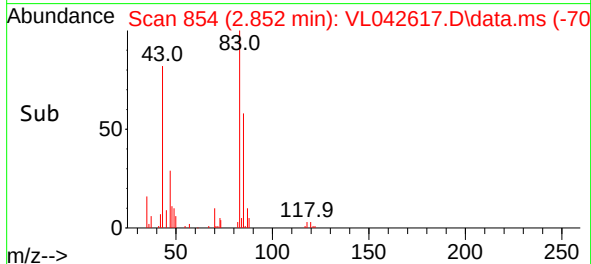
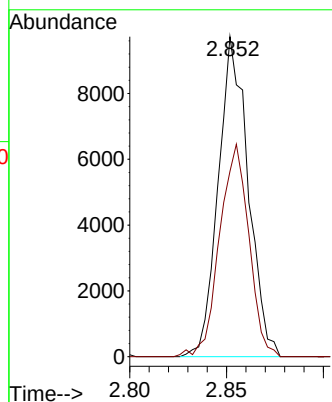
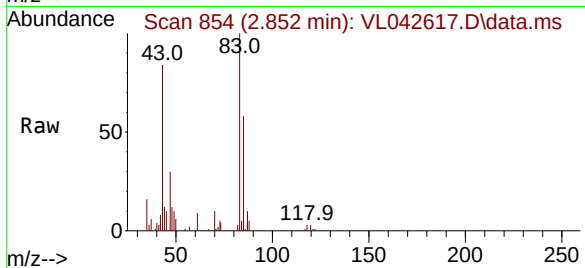
MDL-AIR-03-QT2-2025

Tgt Ion: 83 Resp: 10433

Ion Ratio Lower Upper

83 100

85 57.9 52.8 79.2



#30

Cyclohexane

Concen: 0.213 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

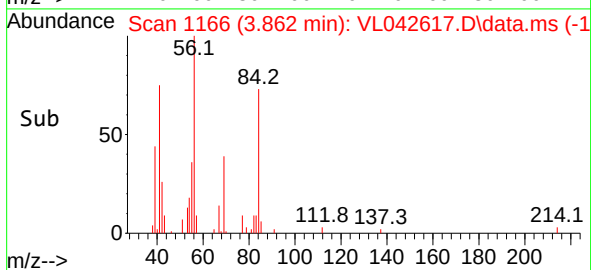
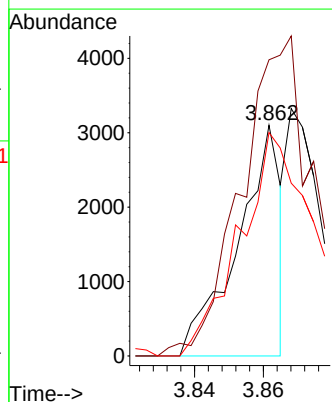
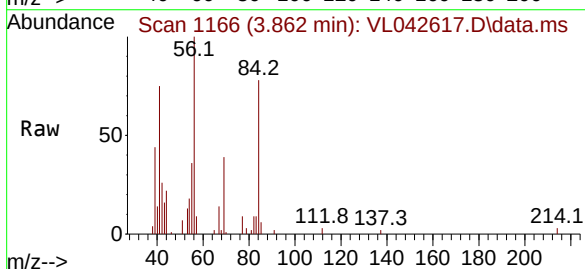
Tgt Ion: 84 Resp: 2677

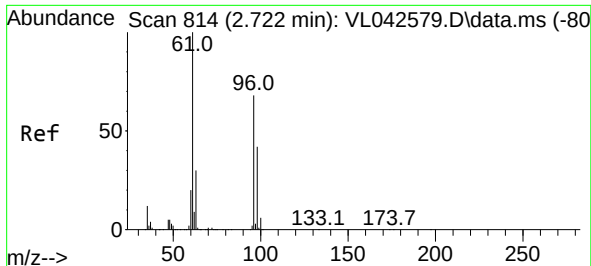
Ion Ratio Lower Upper

84 100

56 0.0 103.7 155.5#

41 176.5 65.1 97.7#

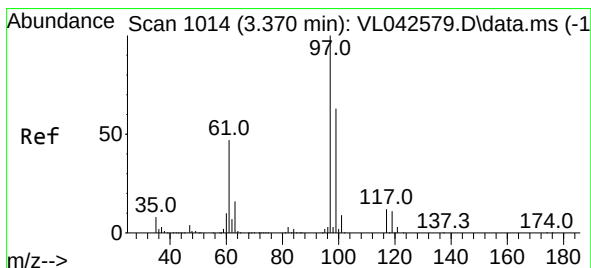
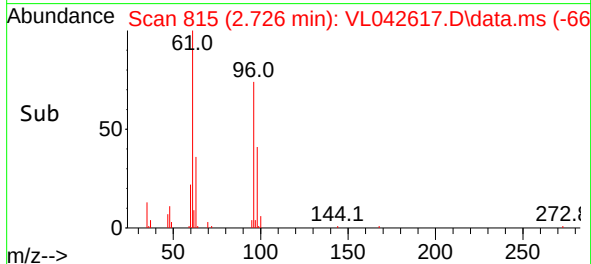
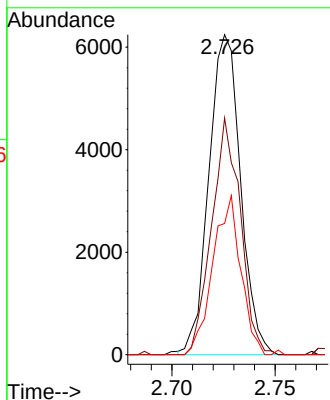
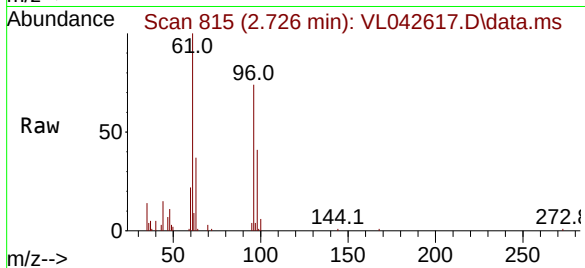




#31
 cis-1,2-Dichloroethene
 Concen: 0.480 ppbv
 RT: 2.726 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

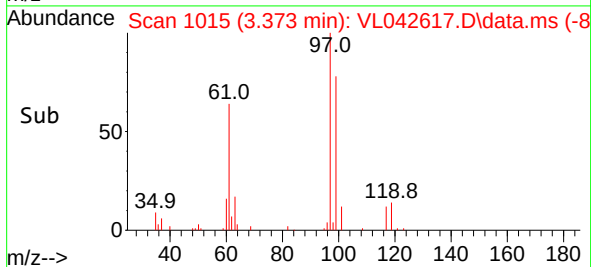
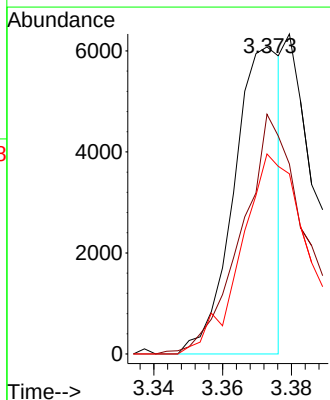
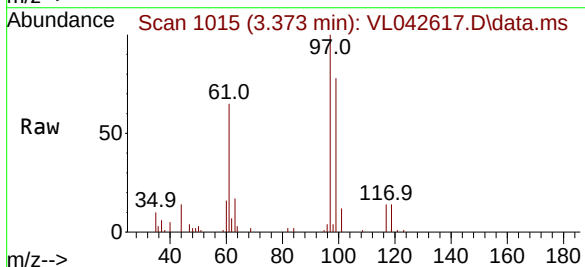
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

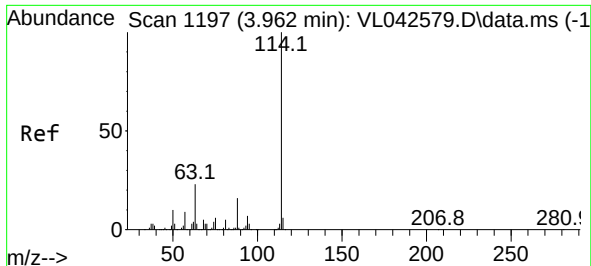
Tgt Ion: 61	Resp:	6668
Ion Ratio	Lower	Upper
61	100	
96	68.1	54.5 81.7
98	37.8	33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 0.283 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

Tgt Ion: 97	Resp:	5720
Ion Ratio	Lower	Upper
97	100	
99	105.9	51.0 76.6#
61	90.8	39.4 59.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.007 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

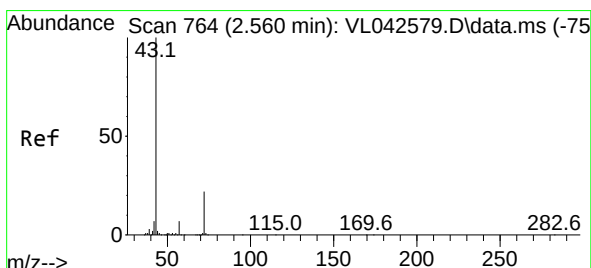
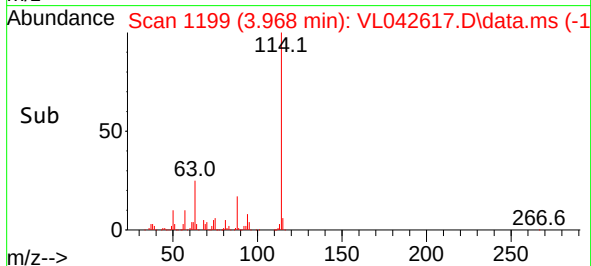
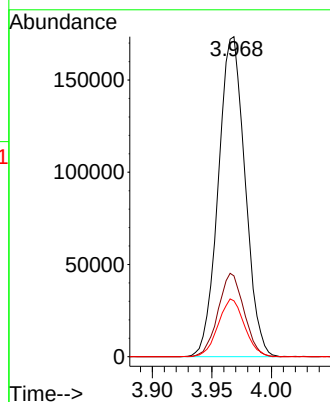
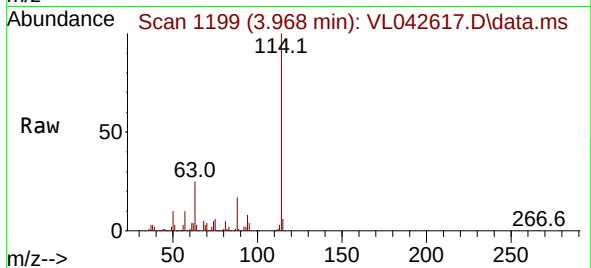
Tgt Ion:114 Resp: 270217

Ion Ratio Lower Upper

114 100

63 25.2 19.0 28.6

88 17.7 13.6 20.4



#34

2-Butanone

Concen: 0.579 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.003 min

Lab File: VL042617.D

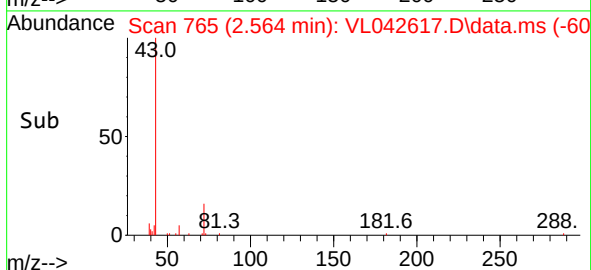
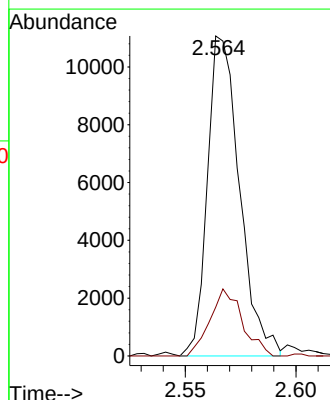
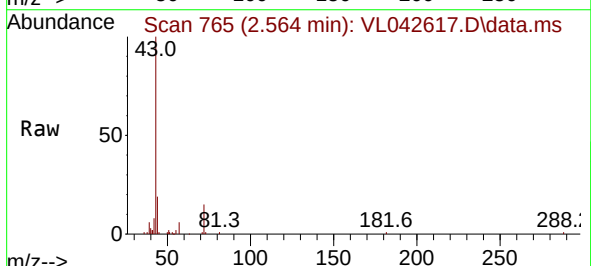
Acq: 05 Jun 2025 12:03

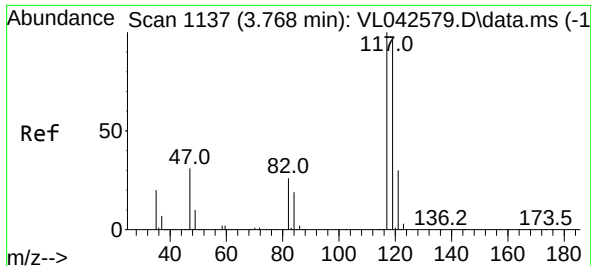
Tgt Ion: 43 Resp: 11155

Ion Ratio Lower Upper

43 100

72 21.4 17.7 26.5

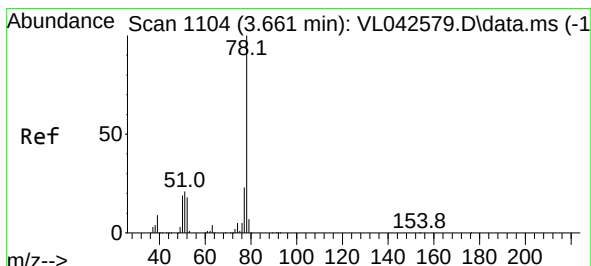
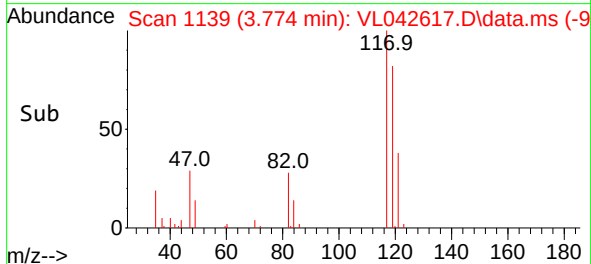
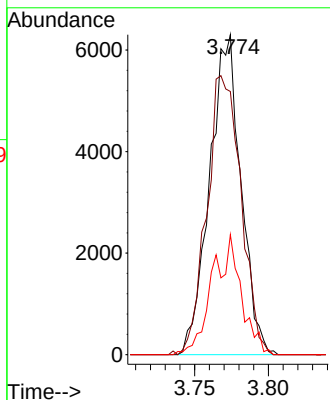
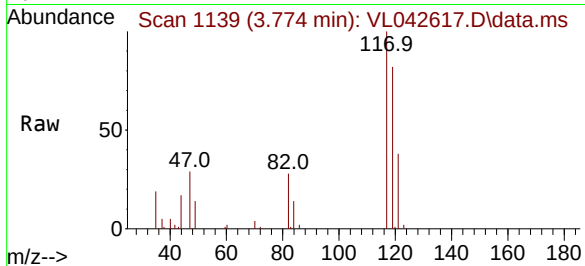




#35
Carbon Tetrachloride
Concen: 0.522 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

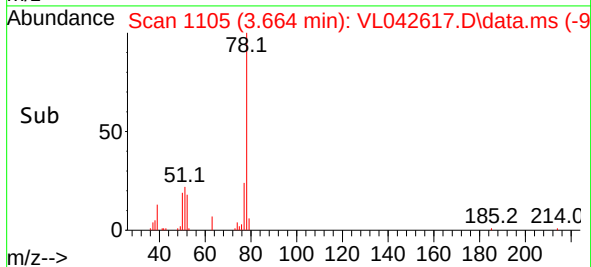
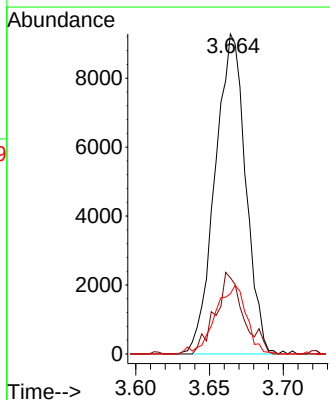
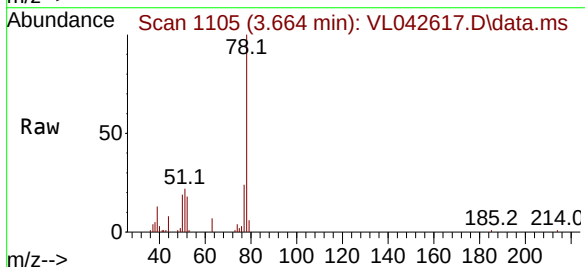
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

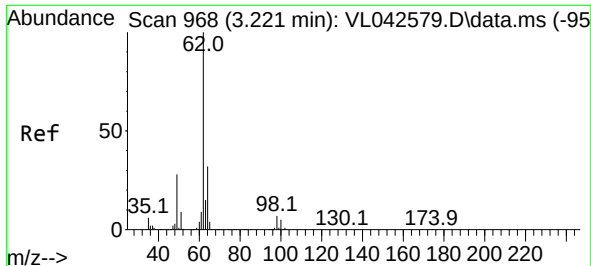
Tgt Ion:117 Resp: 9310
Ion Ratio Lower Upper
117 100
119 82.2 76.8 115.2
121 37.5 24.3 36.5#



#36
Benzene
Concen: 0.503 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 78 Resp: 13395
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2
50 18.8 15.2 22.8

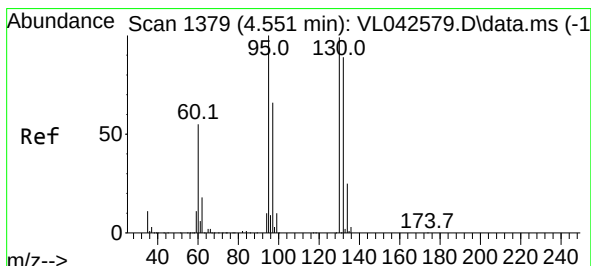
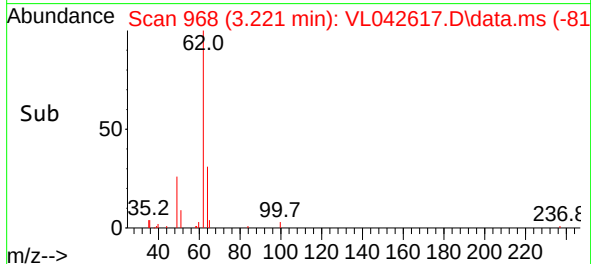
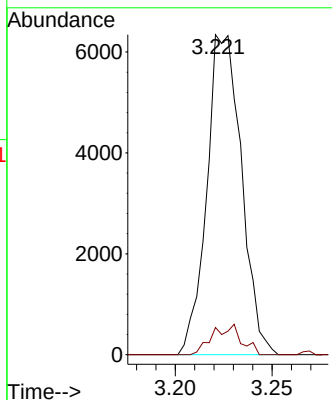
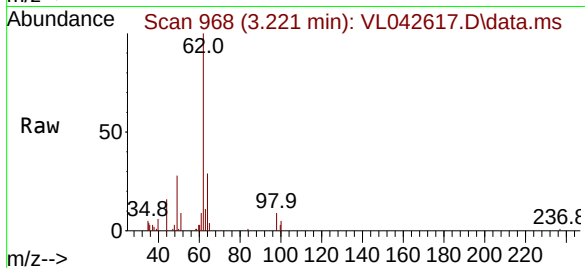




#37
1,2-Dichloroethane
Concen: 0.598 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.000 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

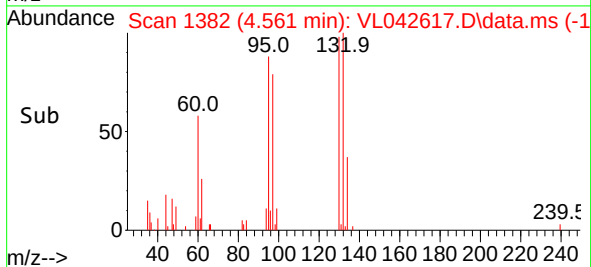
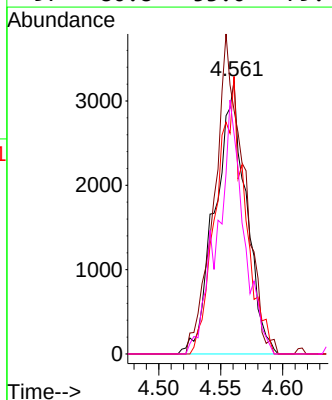
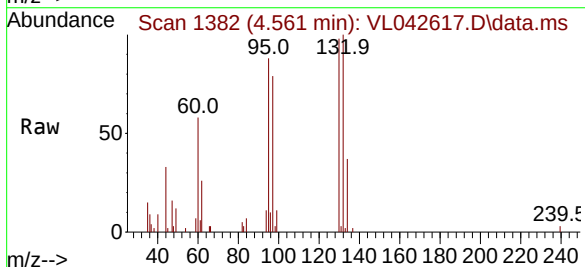
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

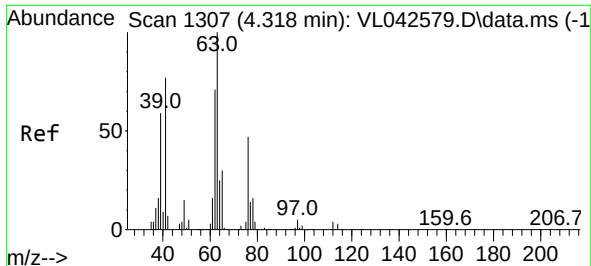
Tgt Ion: 62 Resp: 7911
Ion Ratio Lower Upper
62 100
98 7.8 6.1 9.1



#38
Trichloroethene
Concen: 0.496 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.010 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:130 Resp: 5608
Ion Ratio Lower Upper
130 100
95 89.4 80.6 121.0
132 101.8 71.8 107.6
97 80.8 53.0 79.4#





#39

1,2-Dichloropropane

Concen: 0.525 ppbv

RT: 4.318 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

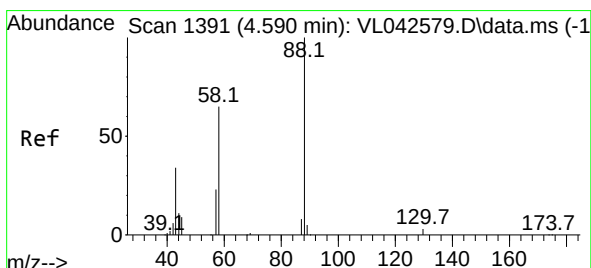
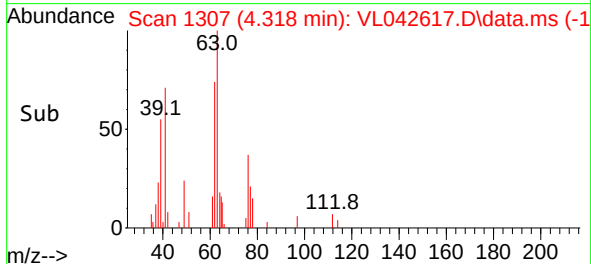
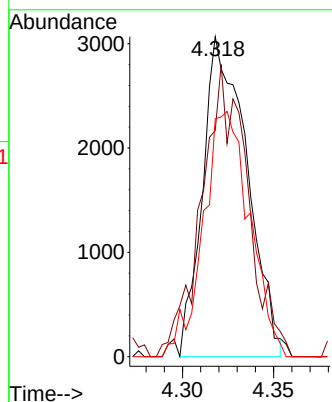
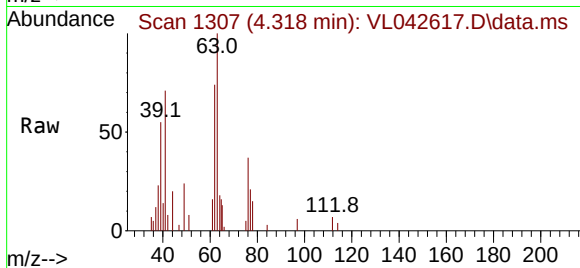
Tgt Ion: 63 Resp: 5166

Ion Ratio Lower Upper

63 100

41 62.8 61.8 92.6

62 70.2 56.6 85.0



#40

1,4-Dioxane

Concen: 0.348 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.026 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Tgt Ion: 88 Resp: 1533

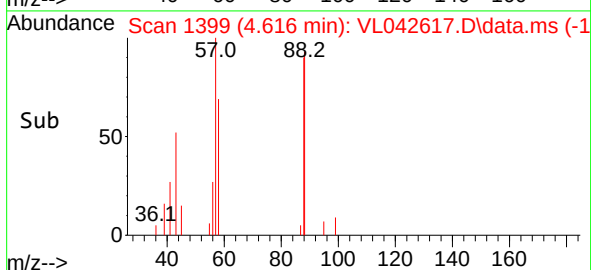
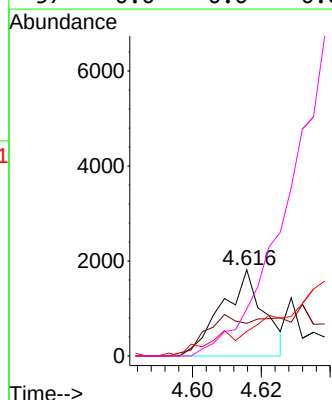
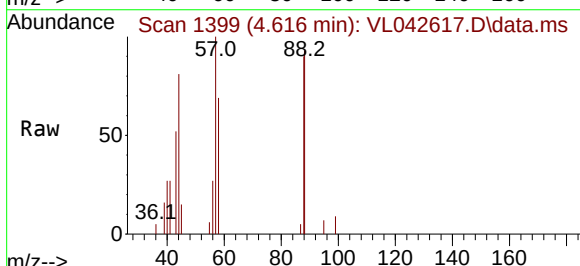
Ion Ratio Lower Upper

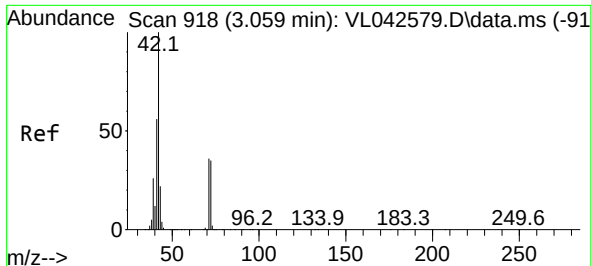
88 100

58 0.0 55.8 83.8#

43 0.0 24.8 37.2#

57 0.0 0.0 0.0

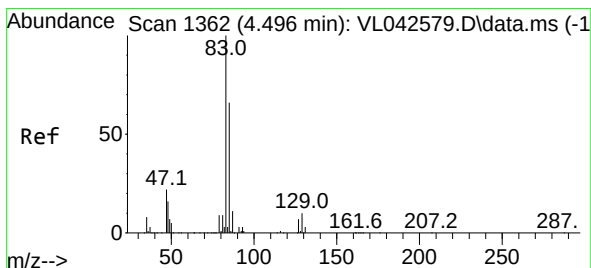
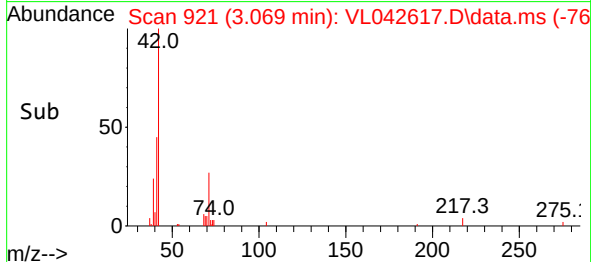
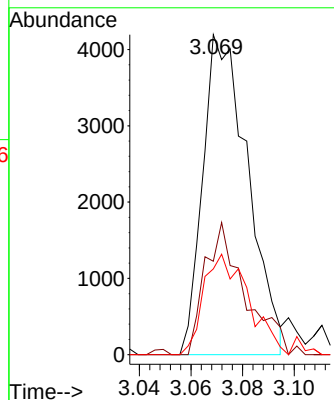
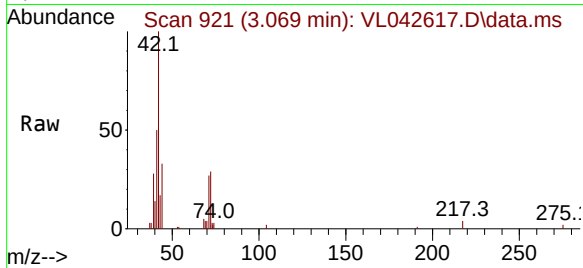




#41
Tetrahydrofuran
Concen: 0.449 ppbv
RT: 3.069 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

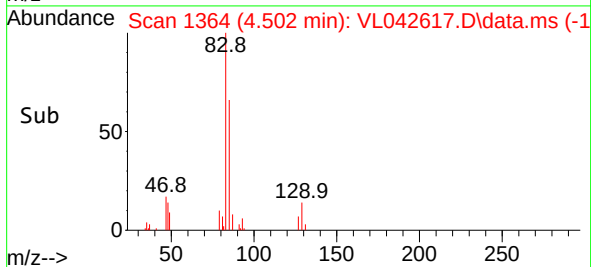
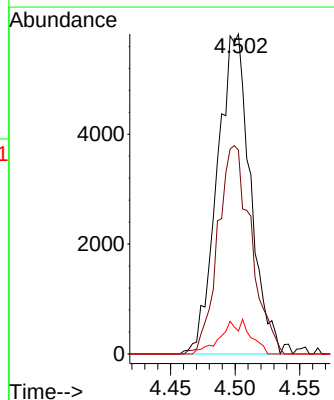
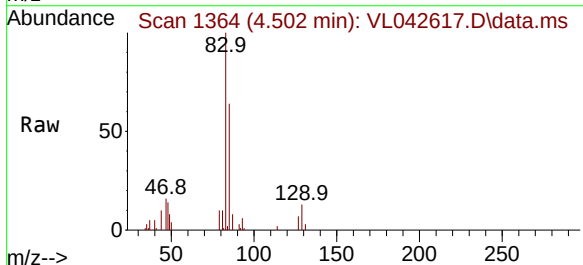
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

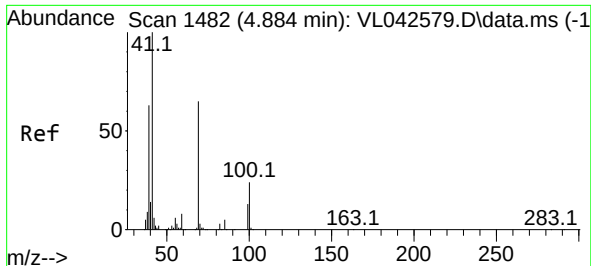
Tgt Ion:	42	Resp:	5061
Ion	Ratio	Lower	Upper
42	100		
72	37.5	28.9	43.3
71	32.8	28.5	42.7



#42
Bromodichloromethane
Concen: 0.552 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. 0.007 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:	83	Resp:	10374
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.7	79.1
127	7.1	5.8	8.6





#43

Methyl Methacrylate

Concen: 0.219 ppbv

RT: 4.894 min Scan# 1485

Delta R.T. 0.010 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

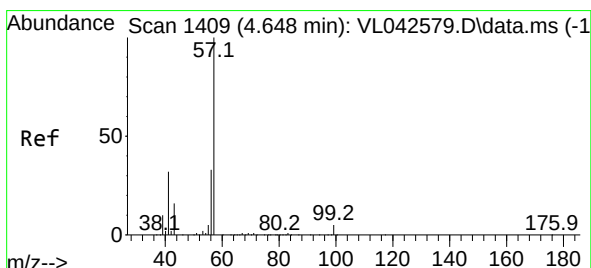
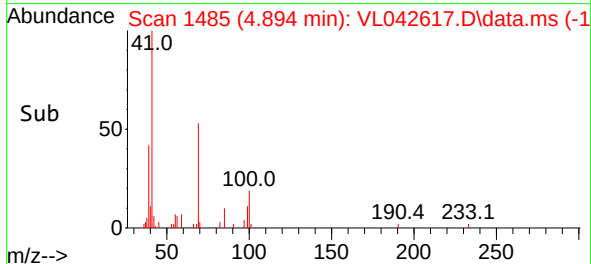
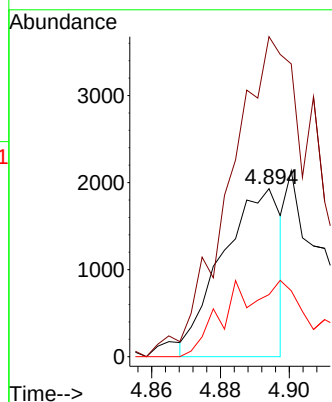
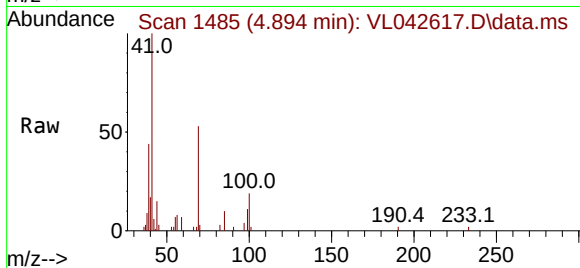
Tgt Ion: 69 Resp: 2264

Ion Ratio Lower Upper

69 100

41 304.5 124.6 187.0#

100 0.0 29.9 44.9#



#44

2,2,4-Trimethylpentane

Concen: 0.464 ppbv

RT: 4.651 min Scan# 1410

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

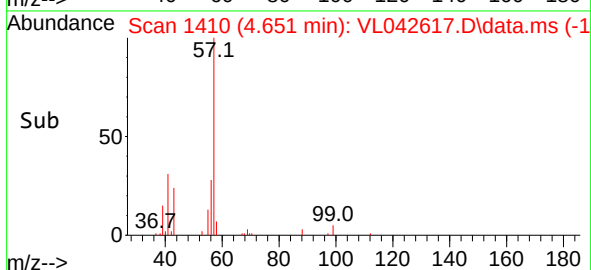
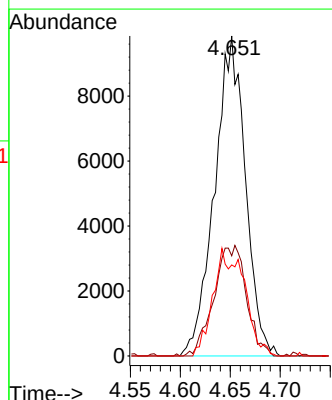
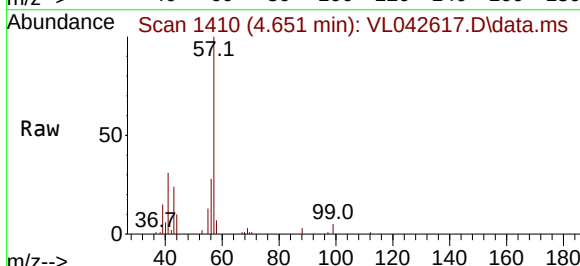
Tgt Ion: 57 Resp: 21138

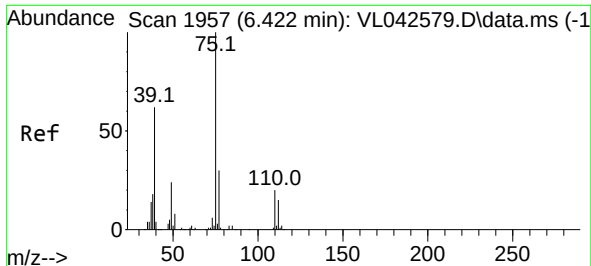
Ion Ratio Lower Upper

57 100

41 36.5 26.1 39.1

56 34.1 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.082 ppbv

RT: 6.435 min Scan# 1957

Delta R.T. 0.013 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

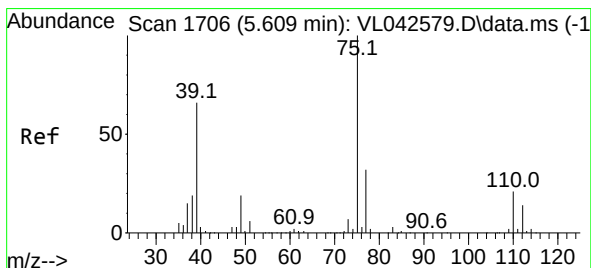
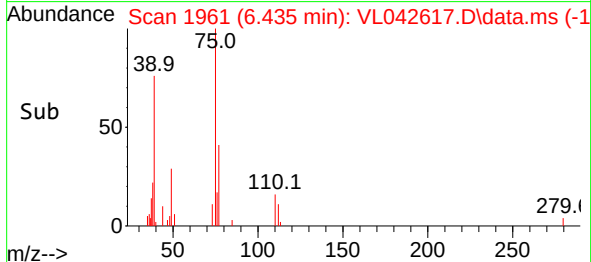
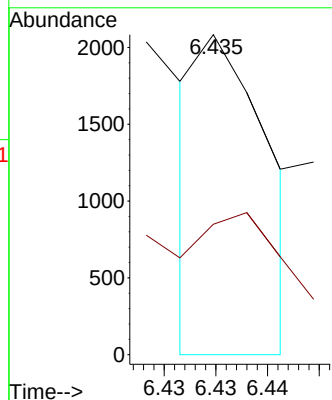
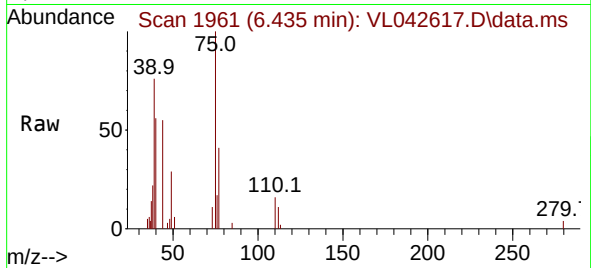
MDL-AIR-03-QT2-2025

Tgt Ion: 75 Resp: 969

Ion Ratio Lower Upper

75 100

77 40.8 24.2 36.2#



#46

cis-1,3-Dichloropropene

Concen: 0.039 ppbv

RT: 5.590 min Scan# 1700

Delta R.T. -0.019 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

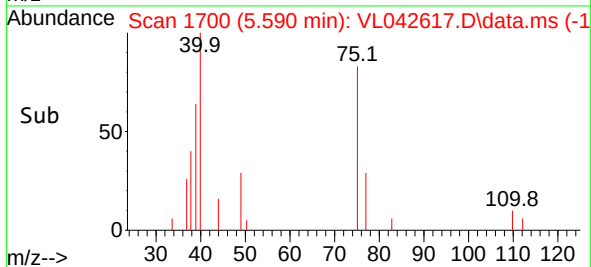
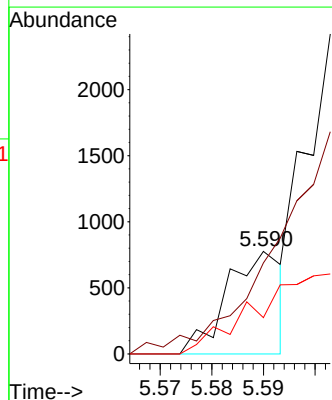
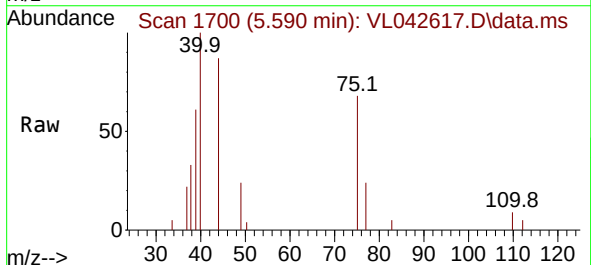
Tgt Ion: 75 Resp: 581

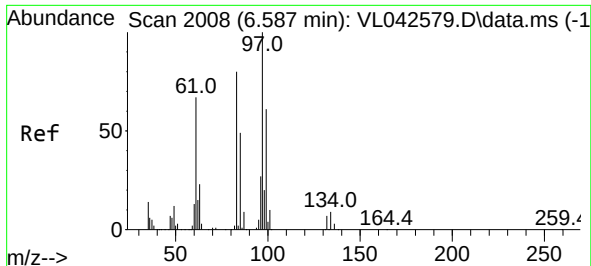
Ion Ratio Lower Upper

75 100

39 70.5 52.7 79.1

77 35.4 25.8 38.8

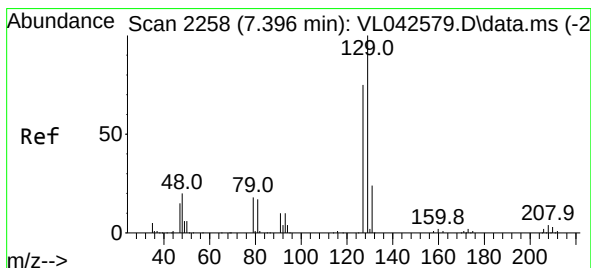
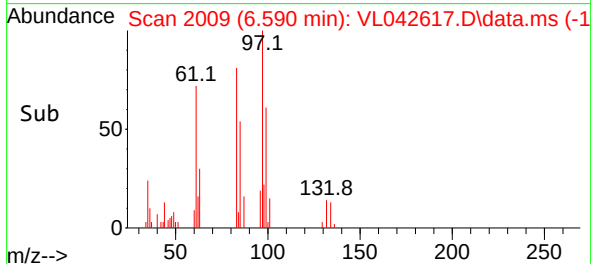
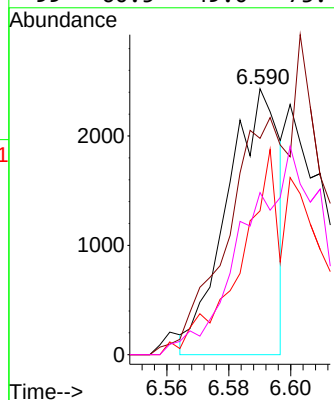
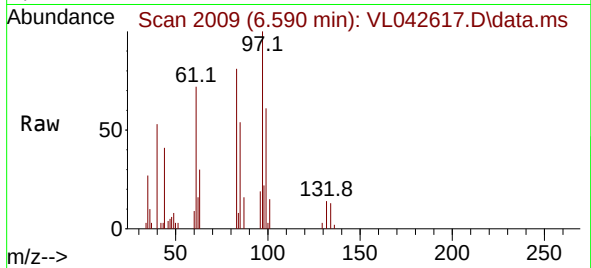




#47
1,1,2-Trichloroethane
Concen: 0.278 ppbv
RT: 6.590 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

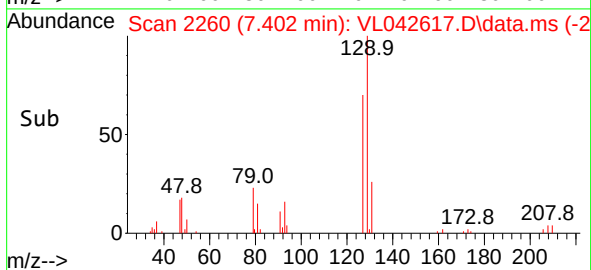
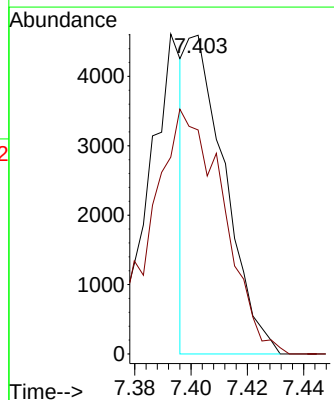
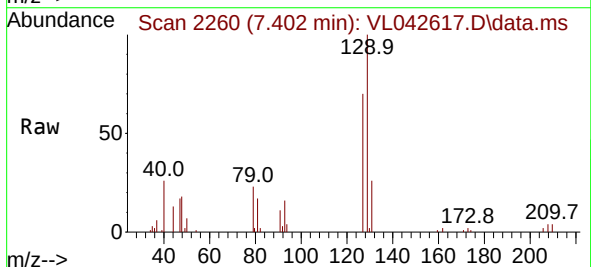
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

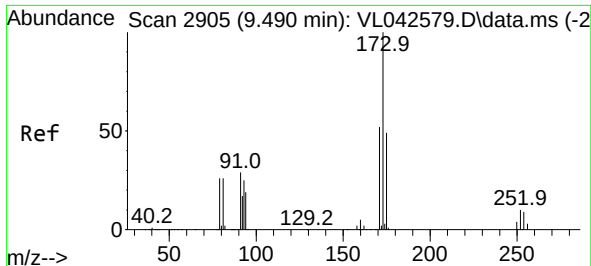
Tgt Ion: 97	Resp: 2833
Ion Ratio	Lower Upper
97 100	
83 81.7	63.9 95.9
85 56.0	39.2 58.8
99 60.5	49.0 73.4



#48
Dibromochloromethane
Concen: 0.271 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. 0.007 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:129	Resp:	4420	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	116.9#





#49

Bromoform

Concen: 0.474 ppbv

RT: 9.493 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

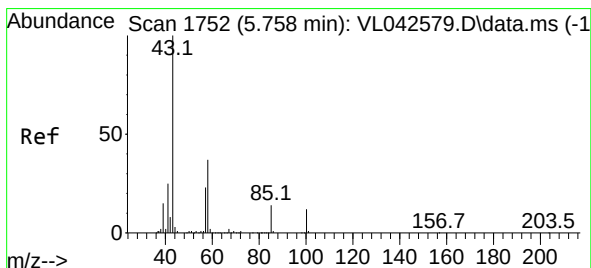
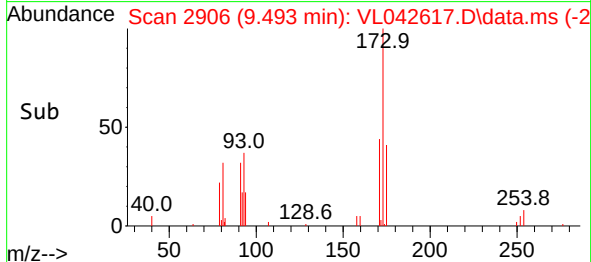
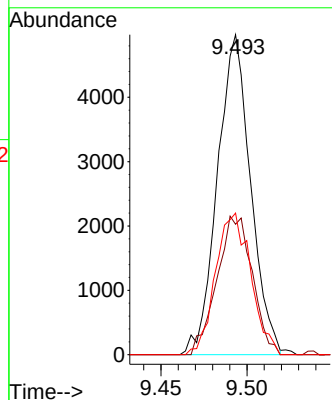
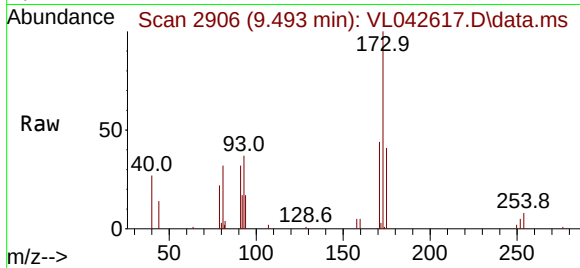
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

Tgt Ion:173	Resp:	6666
Ion	Ratio	Lower Upper
173	100	
175	46.2	38.7 58.1
171	47.0	41.2 61.8



#50

4-Methyl-2-Pentanone

Concen: 0.243 ppbv

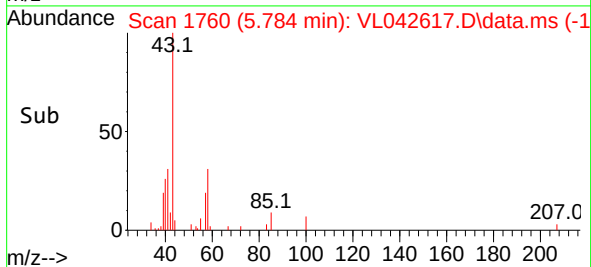
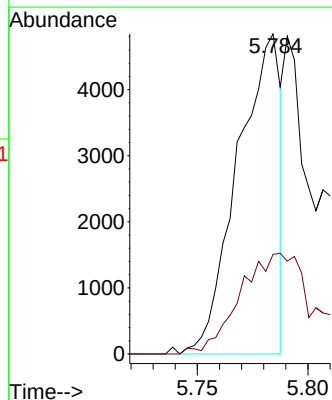
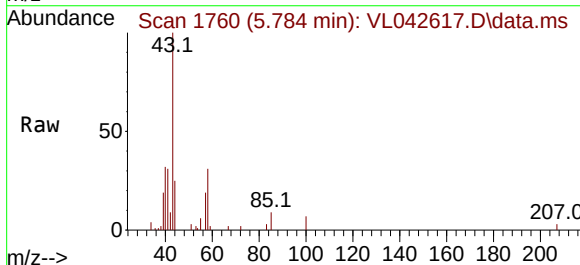
RT: 5.784 min Scan# 1760

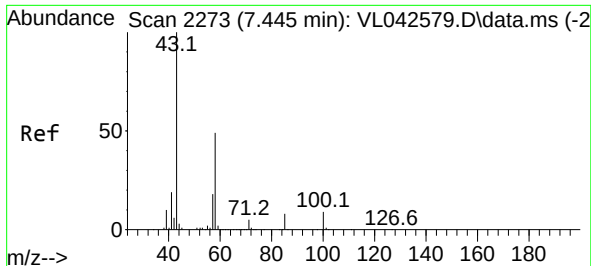
Delta R.T. 0.026 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Tgt Ion: 43	Resp:	6499
Ion	Ratio	Lower Upper
43	100	
58	0.0	28.3 42.5#

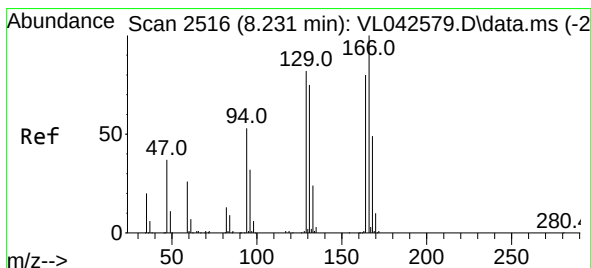
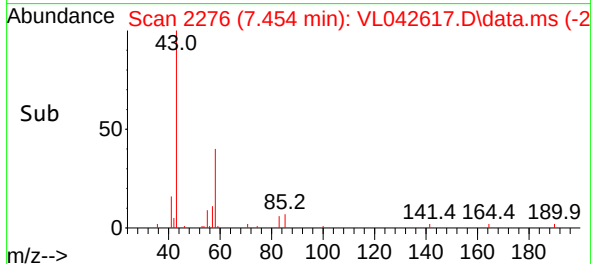
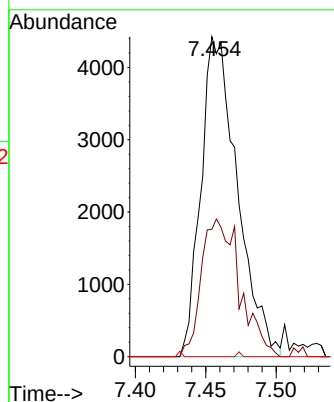
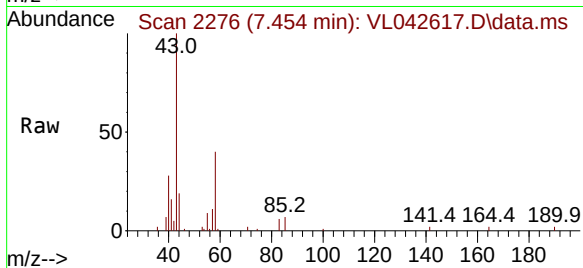




#51
2-Hexanone
Concen: 0.377 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

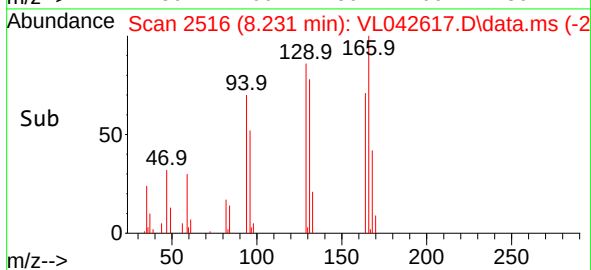
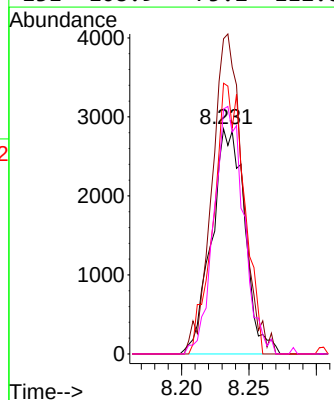
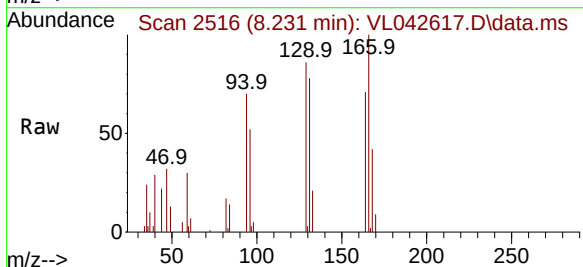
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

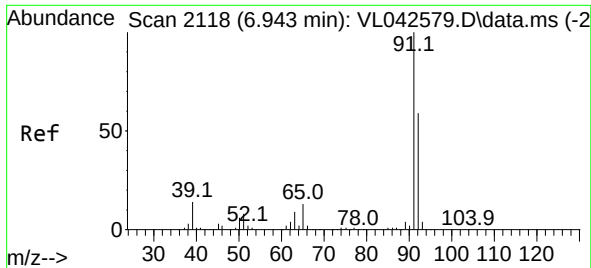
Tgt Ion: 43 Resp: 7986
Ion Ratio Lower Upper
43 100
58 45.3 39.9 59.9
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.490 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 164 Resp: 4877
Ion Ratio Lower Upper
164 100
166 140.1 100.0 150.0
129 120.3 82.2 123.4
131 108.9 75.2 112.8

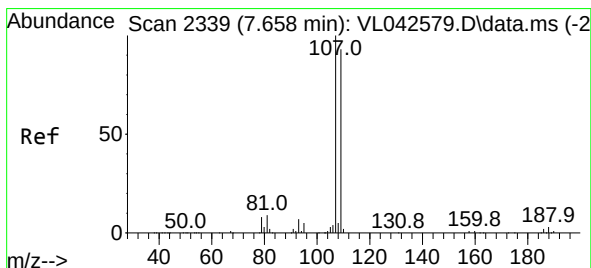
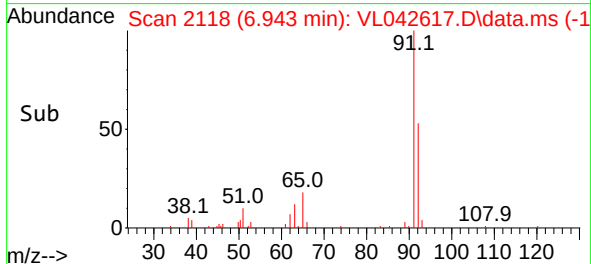
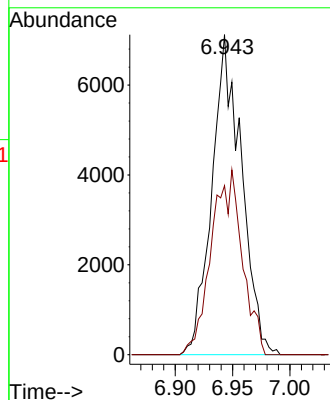
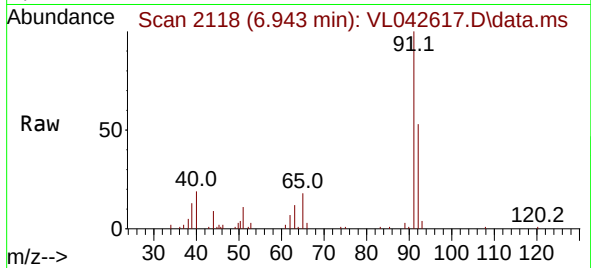




#53
Toluene
Concen: 0.414 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

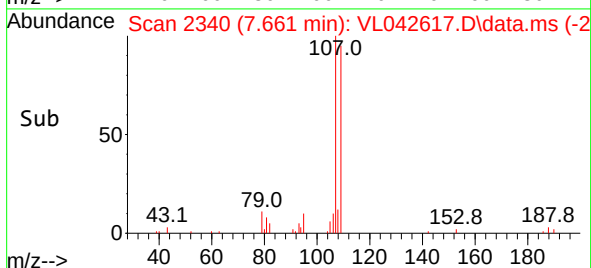
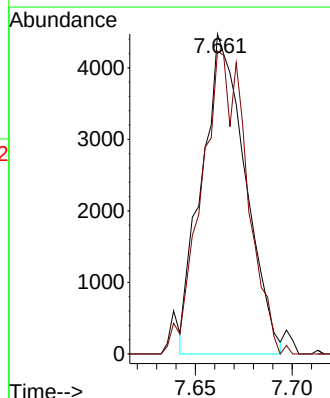
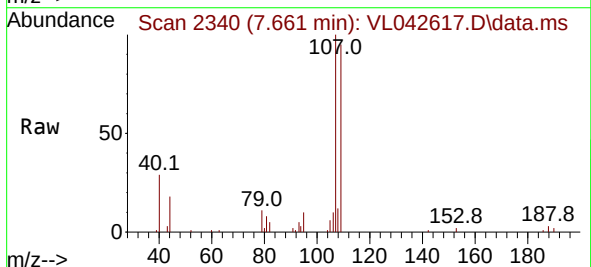
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2025

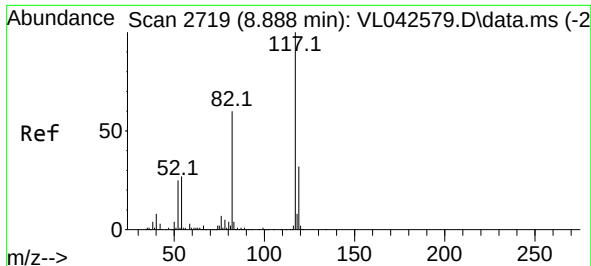
Tgt Ion: 91 Resp: 12731
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.4



#54
1,2-Dibromoethane
Concen: 0.463 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 107 Resp: 6988
Ion Ratio Lower Upper
107 100
109 98.2 74.3 111.5

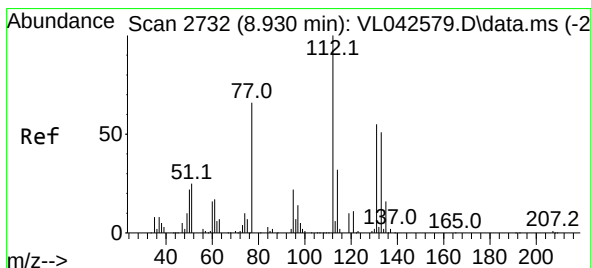
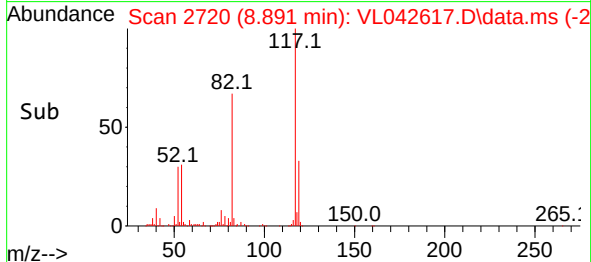
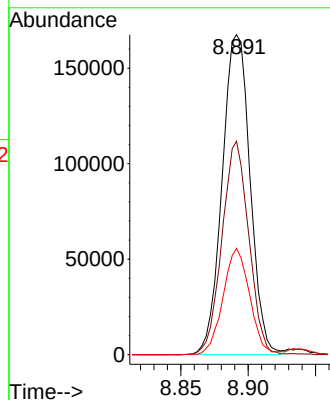
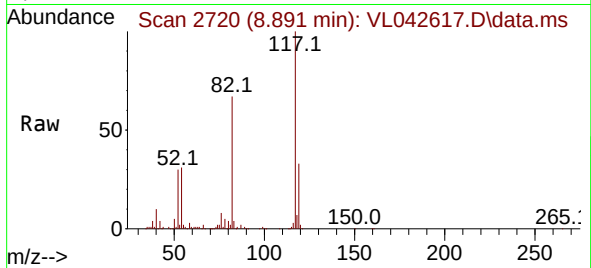




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

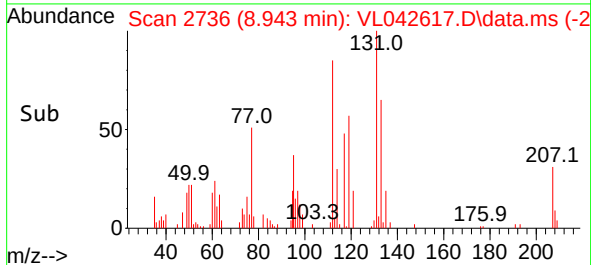
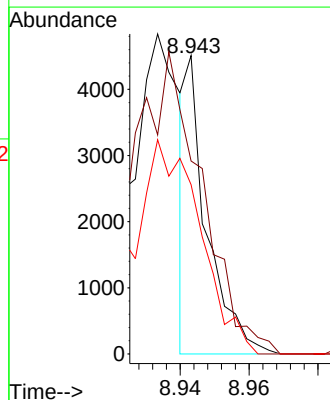
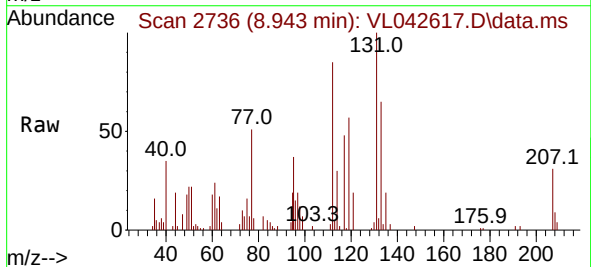
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

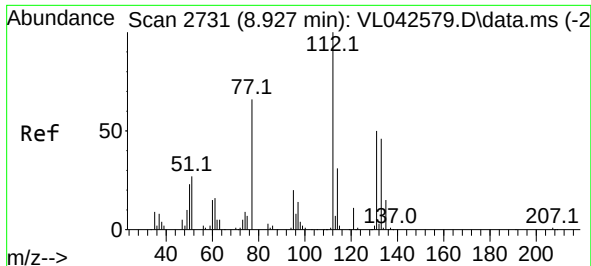
Tgt Ion:117 Resp: 241612
Ion Ratio Lower Upper
117 100
82 64.1 51.2 76.8
119 31.9 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.156 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.013 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:131 Resp: 1899
Ion Ratio Lower Upper
131 100
133 341.9 75.0 112.6#
119 184.6 50.8 76.2#

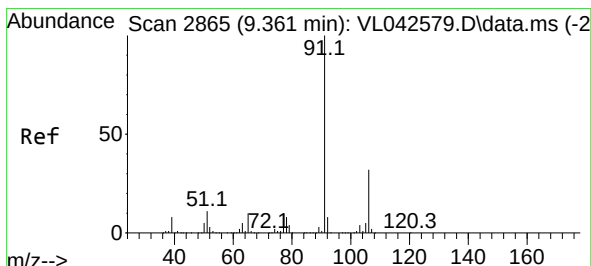
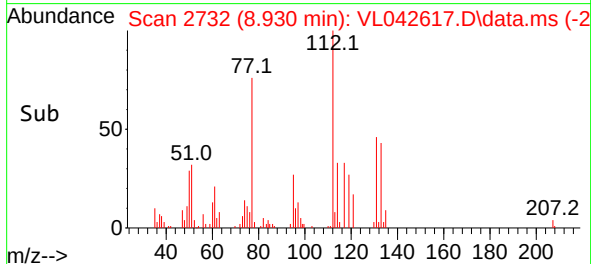
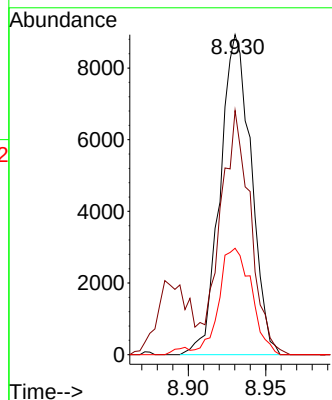
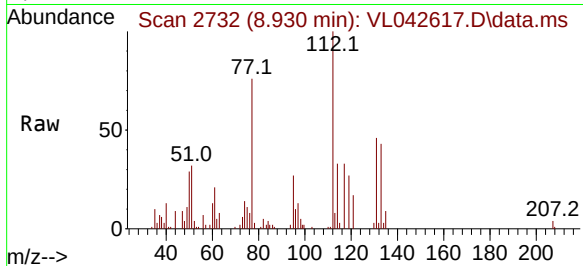




#57
Chlorobenzene
Concen: 0.531 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

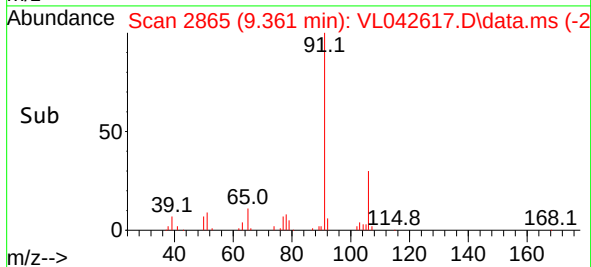
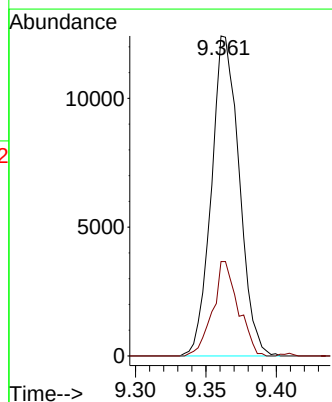
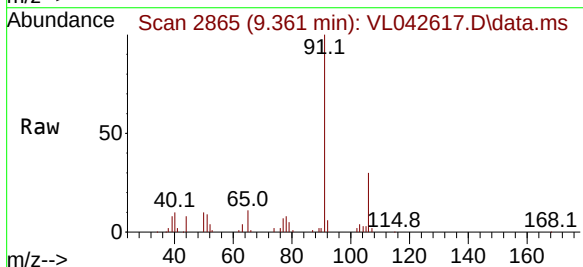
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

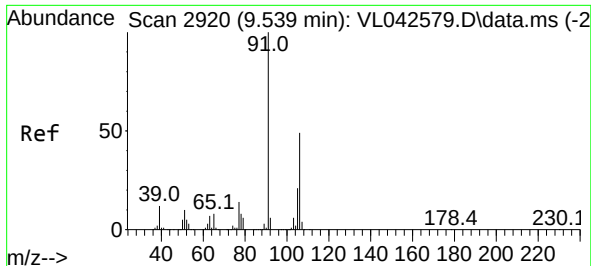
Tgt Ion: 112 Resp: 12446
Ion Ratio Lower Upper
112 100
77 74.7 53.5 80.3
114 33.3 27.8 34.0



#58
Ethyl Benzene
Concen: 0.418 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 91 Resp: 17127
Ion Ratio Lower Upper
91 100
106 29.5 25.9 38.9

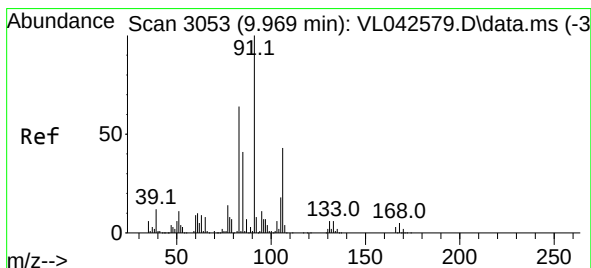
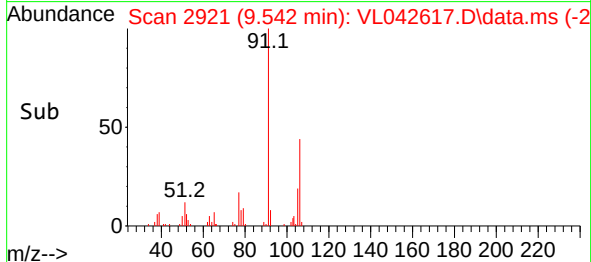
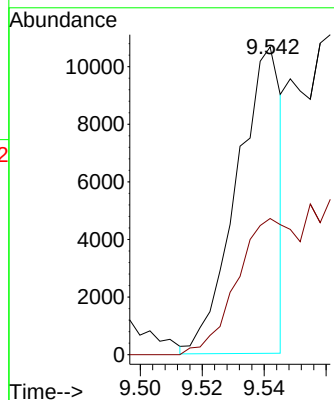
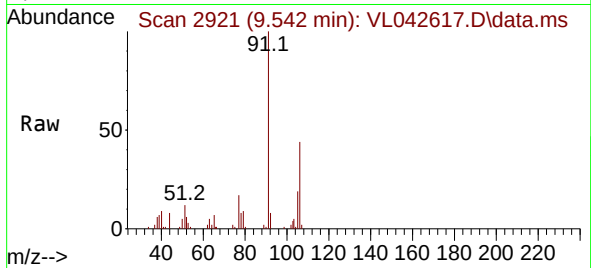




#59
m/p-Xylene
Concen: 0.328 ppbv
RT: 9.542 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

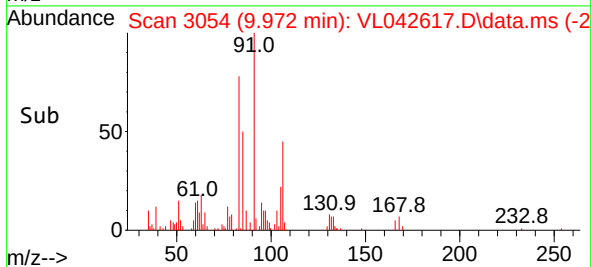
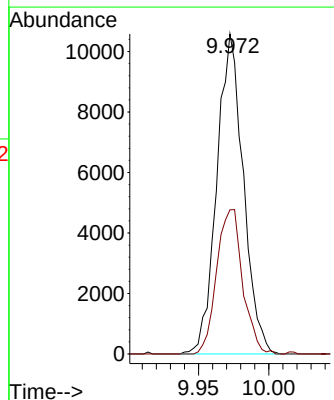
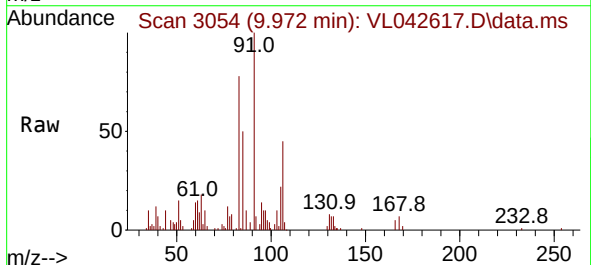
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

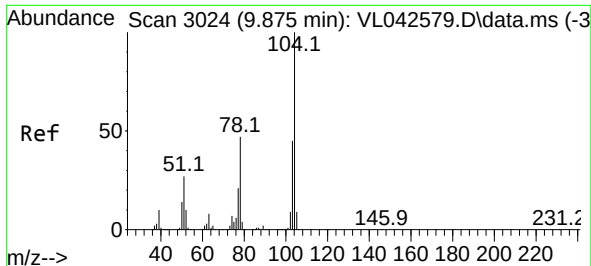
Tgt Ion: 91 Resp: 10580
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2#



#60
o-Xylene
Concen: 0.431 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion: 91 Resp: 13877
Ion Ratio Lower Upper
91 100
106 44.4 22.9 68.5

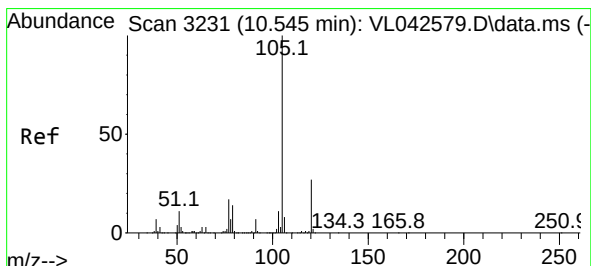
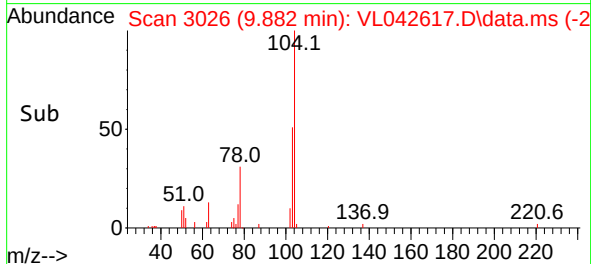
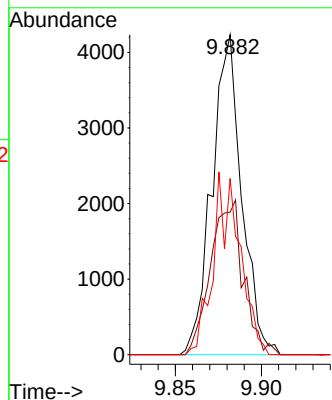
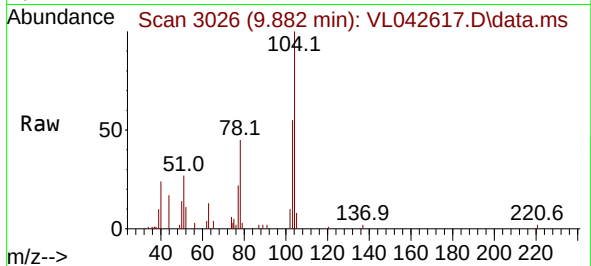




#61
Styrene
Concen: 0.336 ppbv
RT: 9.882 min Scan# 3024
Delta R.T. 0.007 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

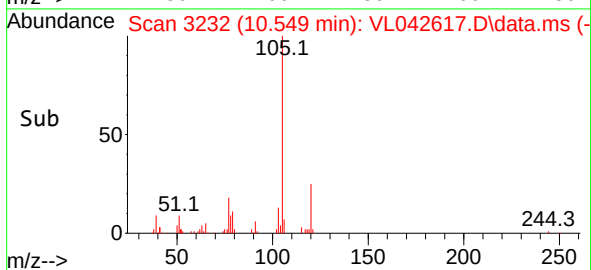
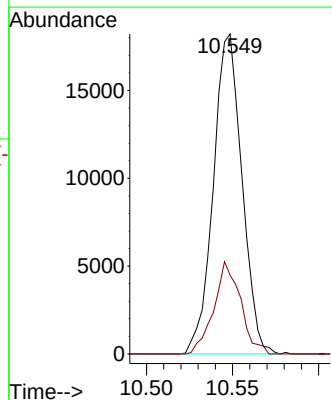
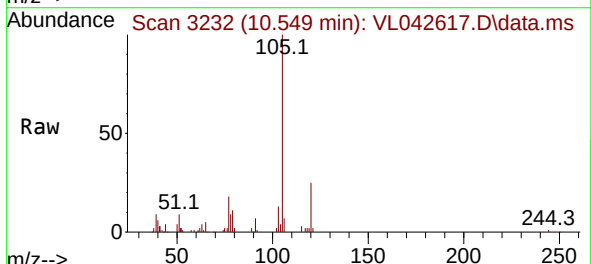
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

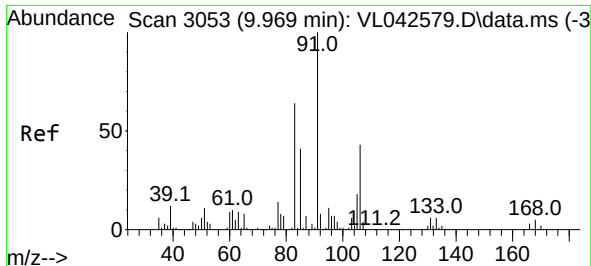
Tgt Ion:104 Resp: 5106
Ion Ratio Lower Upper
104 100
78 53.0 38.2 57.4
103 51.1 36.7 55.1



#62
Isopropylbenzene
Concen: 0.444 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:105 Resp: 21078
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 0.532 ppbv

RT: 9.976 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

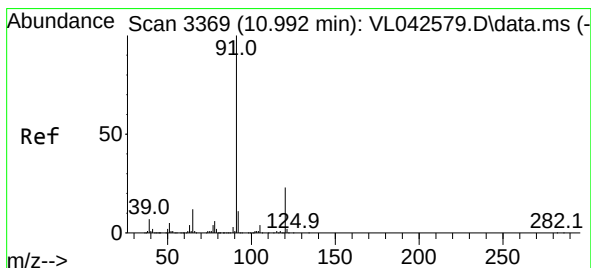
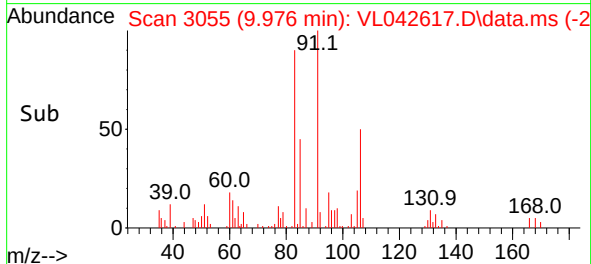
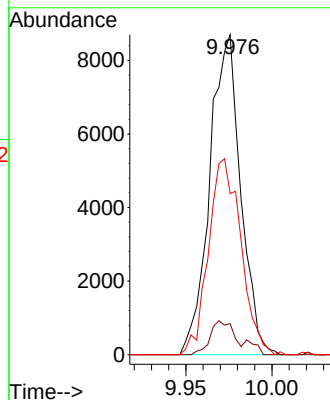
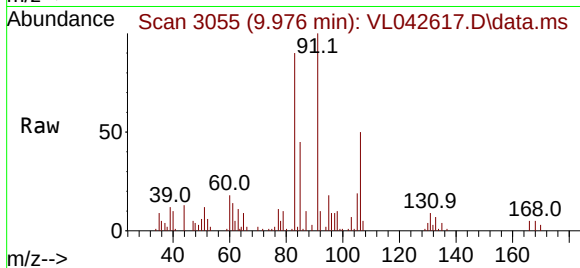
Tgt Ion: 83 Resp: 10883

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 64.3 32.5 97.4



#64

n-propylbenzene

Concen: 0.418 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.003 min

Lab File: VL042617.D

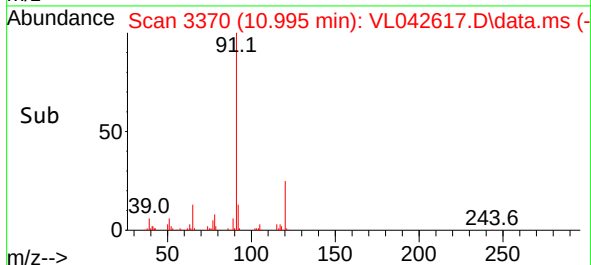
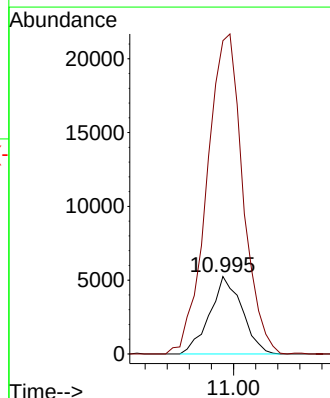
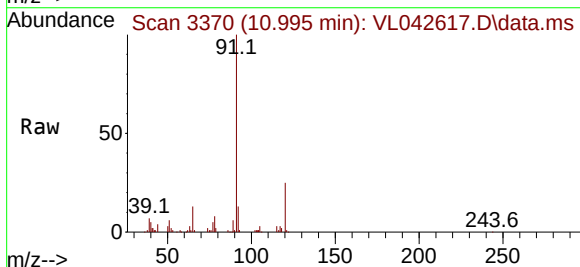
Acq: 05 Jun 2025 12:03

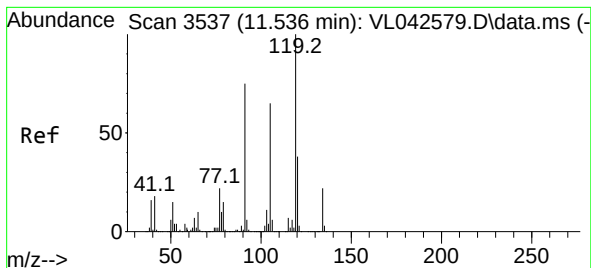
Tgt Ion: 120 Resp: 5325

Ion Ratio Lower Upper

120 100

91 460.8 363.0 544.6





#65

tert-Butylbenzene

Concen: 0.392 ppbv

RT: 11.539 min Scan# 3537

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

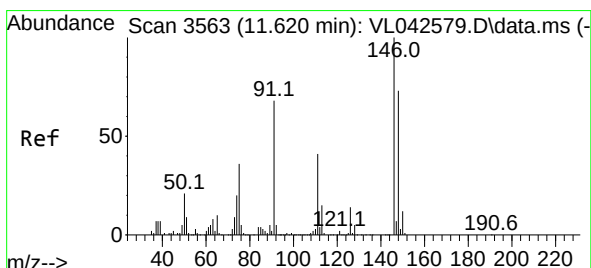
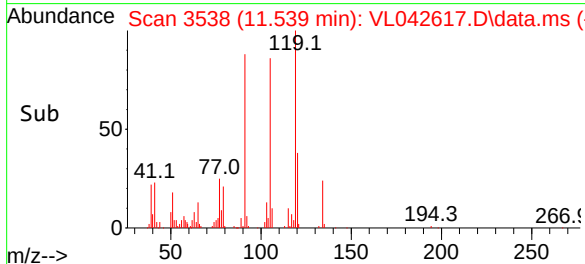
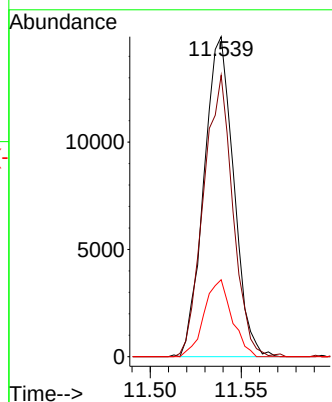
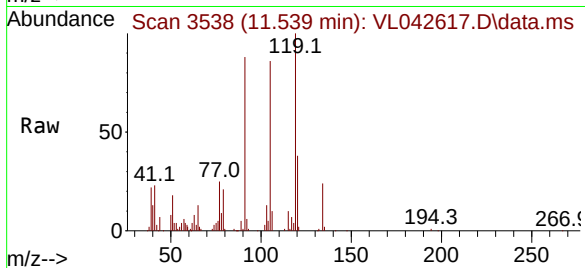
Tgt Ion:119 Resp: 16908

Ion Ratio Lower Upper

119 100

91 86.6 61.1 91.7

134 22.4 17.4 26.2



#66

Benzyl Chloride

Concen: 0.259 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

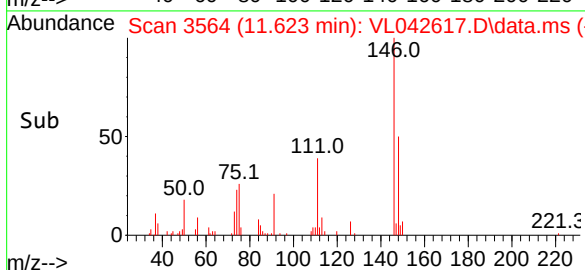
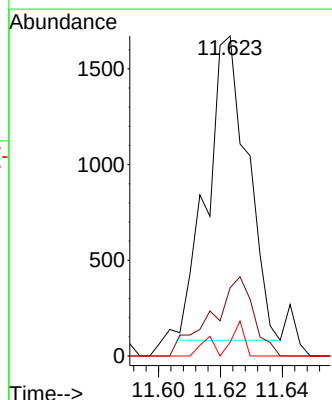
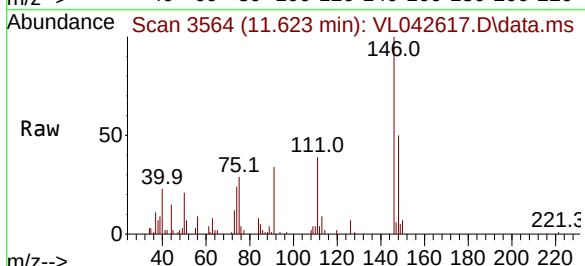
Tgt Ion: 91 Resp: 1437

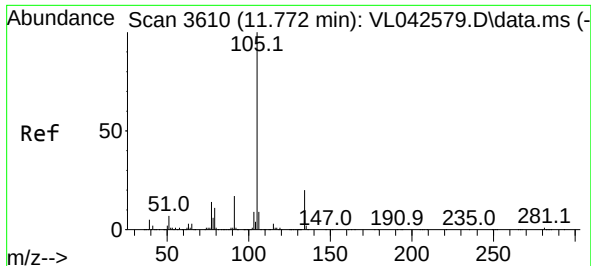
Ion Ratio Lower Upper

91 100

126 27.1 15.1 22.7#

128 0.0 5.0 7.6#

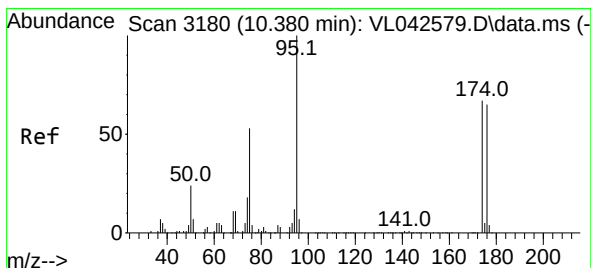
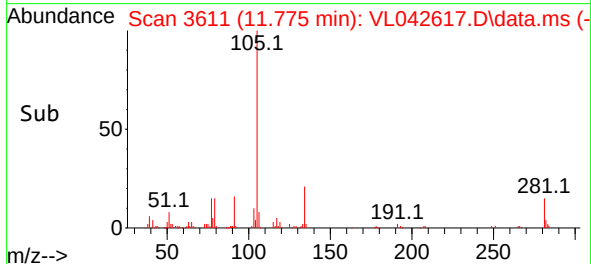
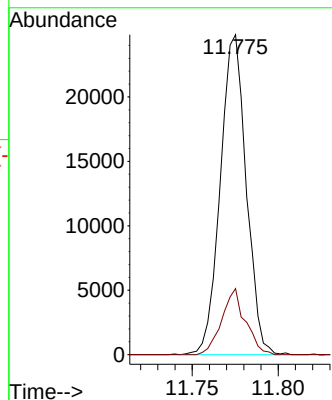
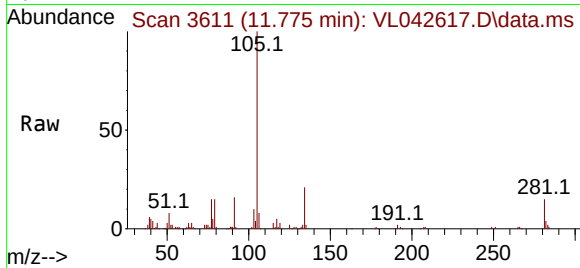




#67
 sec-Butylbenzene
 Concen: 0.429 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

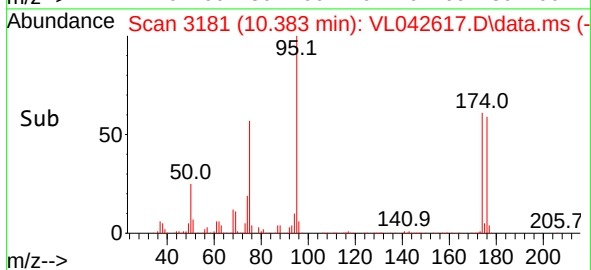
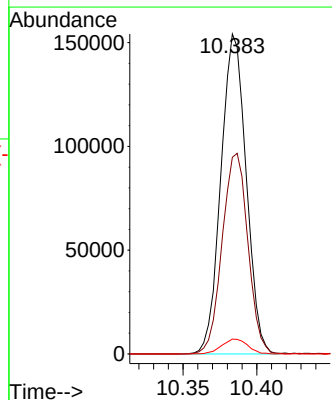
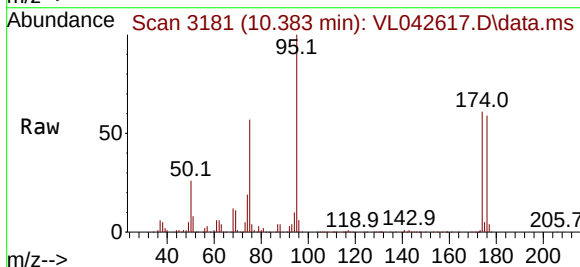
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

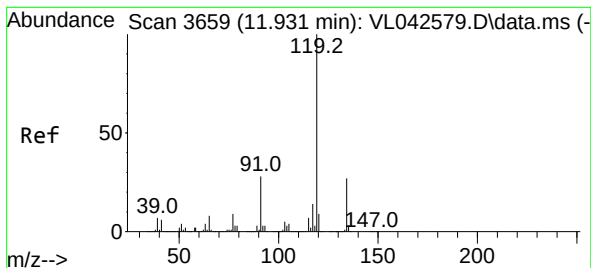
Tgt Ion:105 Resp: 26028
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.144 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

Tgt Ion: 95 Resp: 183730
 Ion Ratio Lower Upper
 95 100
 174 63.9 53.1 79.7
 175 4.8 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.384 ppbv

RT: 11.931 min Scan# 3659

Delta R.T. 0.000 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

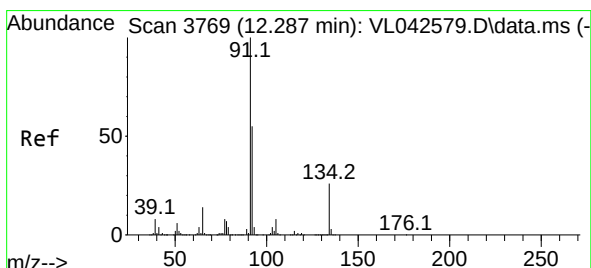
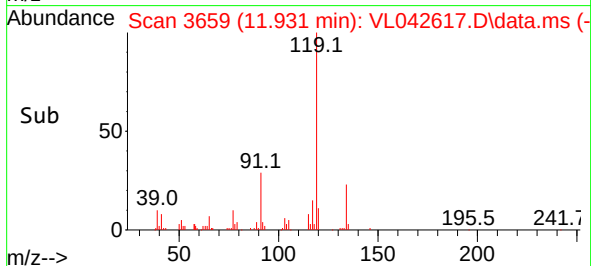
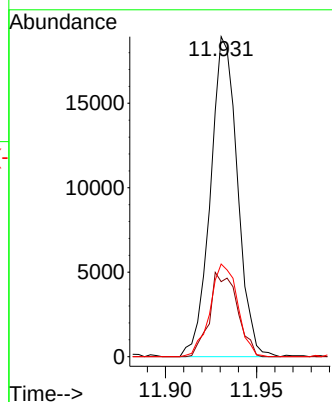
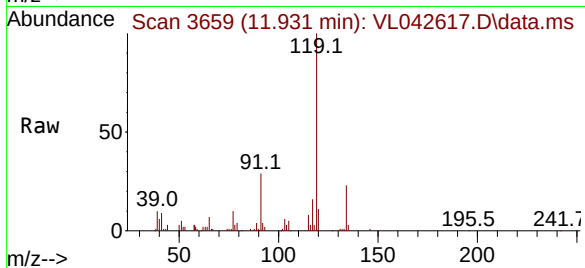
Tgt Ion:119 Resp: 19506

Ion Ratio Lower Upper

119 100

134 27.1 21.1 31.7

91 29.6 21.9 32.9



#70

n-Butylbenzene

Concen: 0.382 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

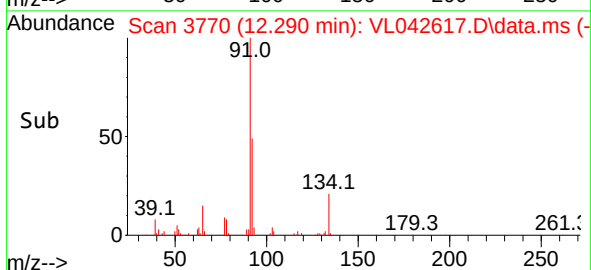
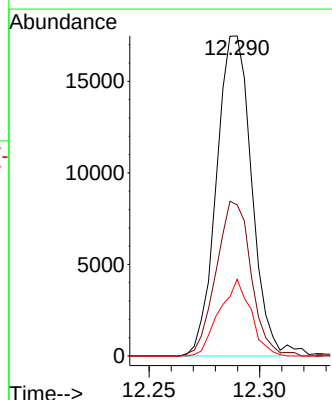
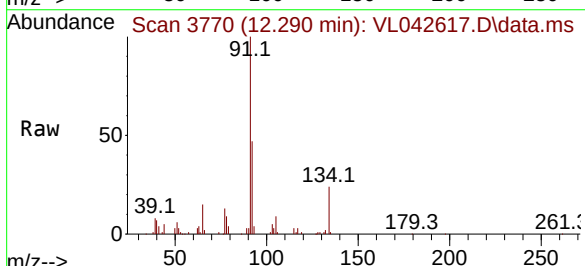
Tgt Ion: 91 Resp: 19163

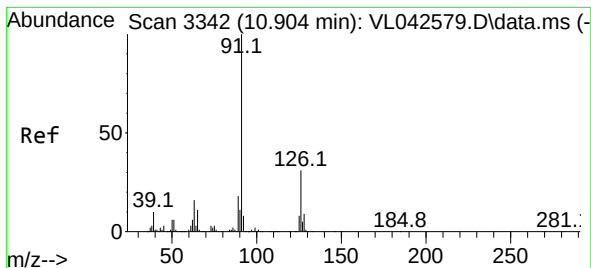
Ion Ratio Lower Upper

91 100

92 48.5 44.4 66.6

134 21.6 20.1 30.1





#71

2-Chlorotoluene

Concen: 0.410 ppbv

RT: 10.908 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

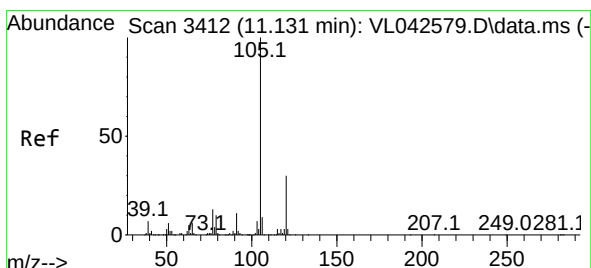
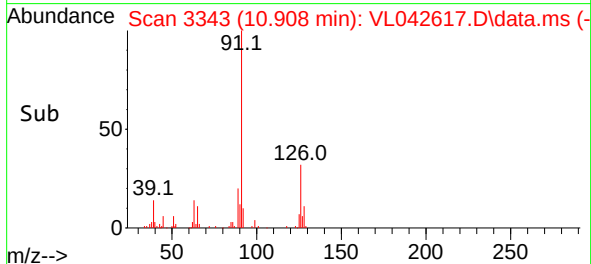
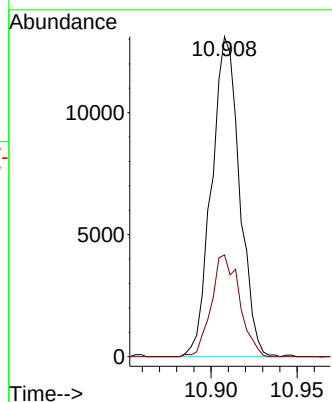
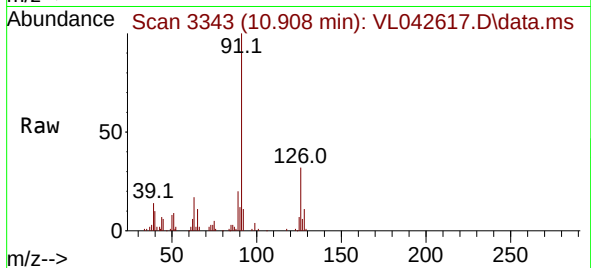
MDL-AIR-03-QT2-2025

Tgt Ion: 91 Resp: 14866

Ion Ratio Lower Upper

91 100

126 32.0 12.6 50.4



#72

4-Ethyltoluene

Concen: 0.389 ppbv

RT: 11.131 min Scan# 3412

Delta R.T. 0.000 min

Lab File: VL042617.D

Acq: 05 Jun 2025 12:03

Tgt Ion: 105 Resp: 15586

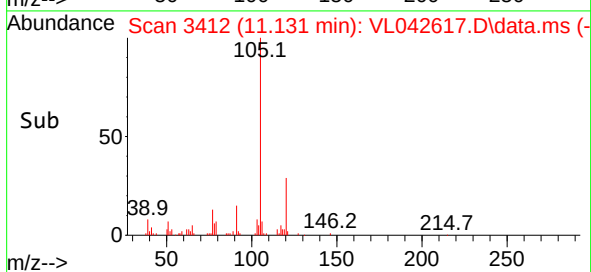
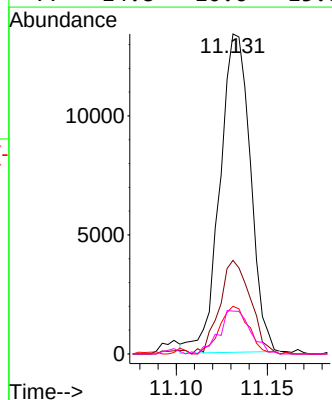
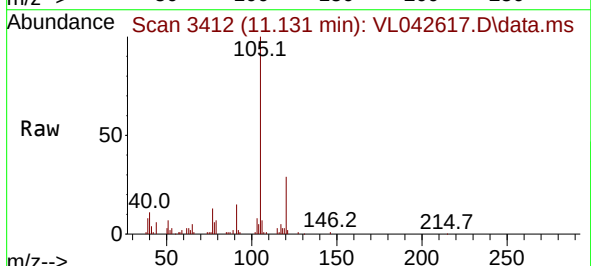
Ion Ratio Lower Upper

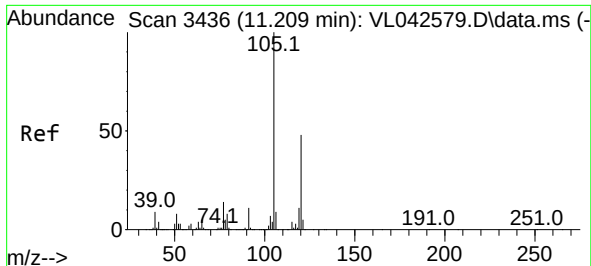
105 100

120 30.5 24.6 36.8

91 15.3 9.6 14.4#

77 14.8 10.6 15.8

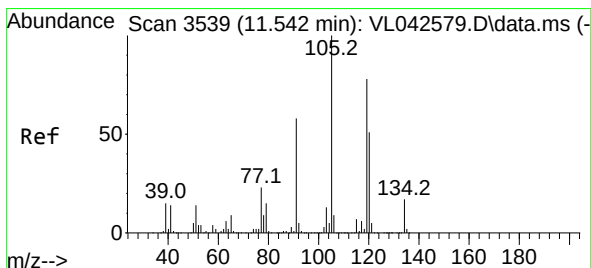
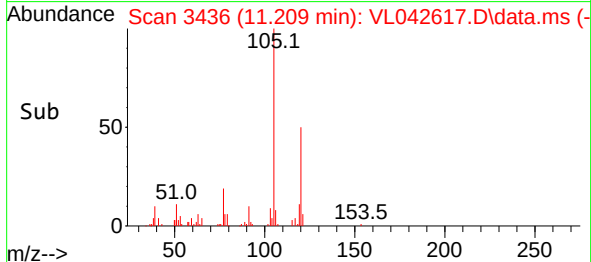
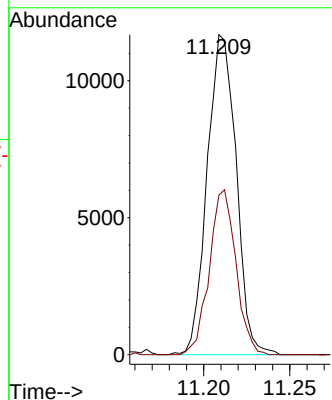
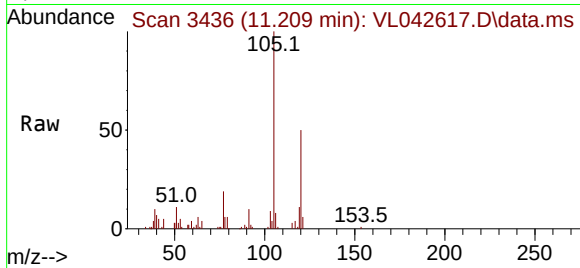




#73
 1,3,5-Trimethylbenzene
 Concen: 0.412 ppbv
 RT: 11.209 min Scan# 3436
 Delta R.T. 0.000 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

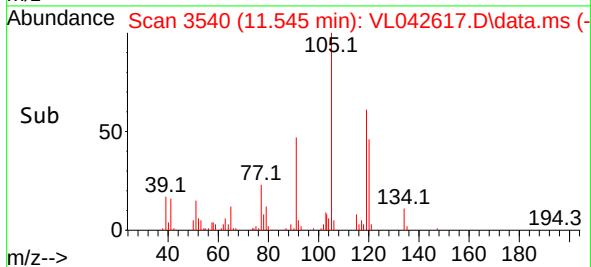
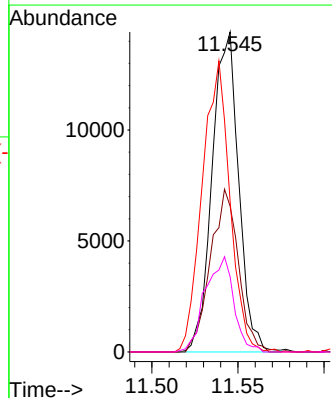
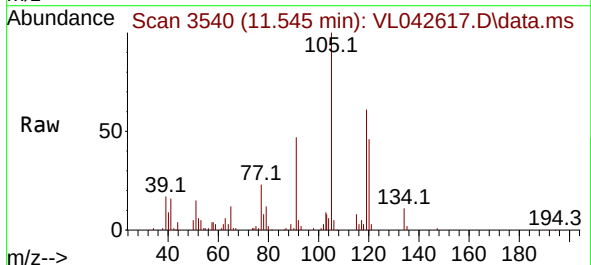
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

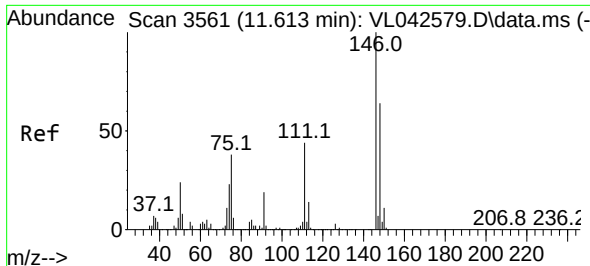
Tgt Ion:105 Resp: 13664
 Ion Ratio Lower Upper
 105 100
 120 49.9 38.8 58.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.419 ppbv
 RT: 11.545 min Scan# 3540
 Delta R.T. 0.003 min
 Lab File: VL042617.D
 Acq: 05 Jun 2025 12:03

Tgt Ion:105 Resp: 15441
 Ion Ratio Lower Upper
 105 100
 120 45.6 40.8 61.2
 91 47.0 46.8 70.2
 77 23.5 18.2 27.2

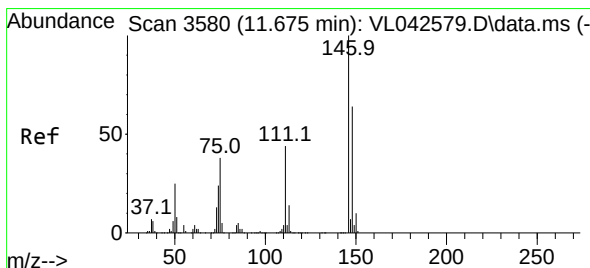
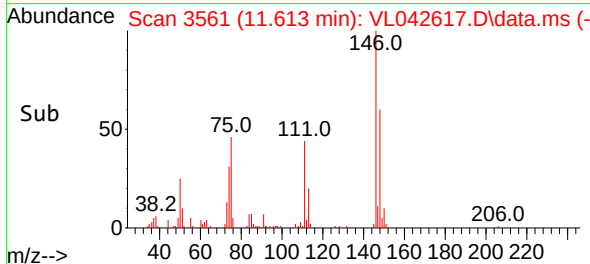
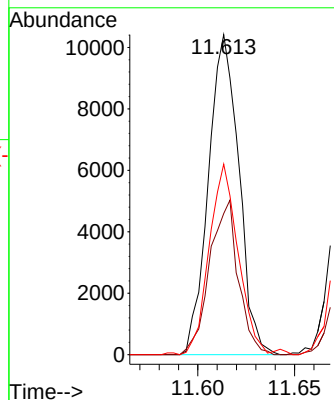
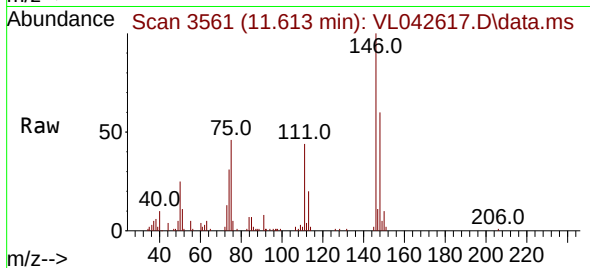




#75
1,3-Dichlorobenzene
Concen: 0.493 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

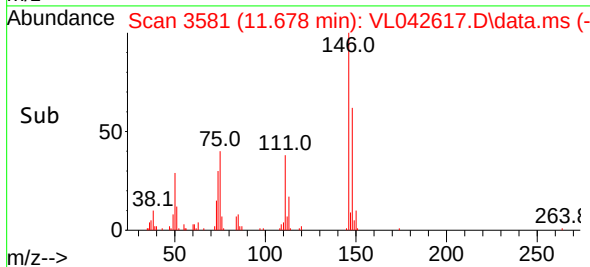
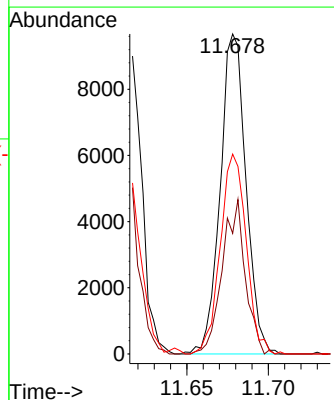
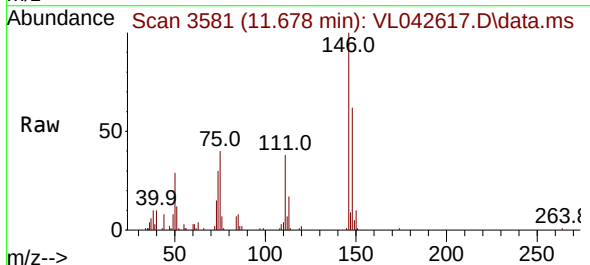
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

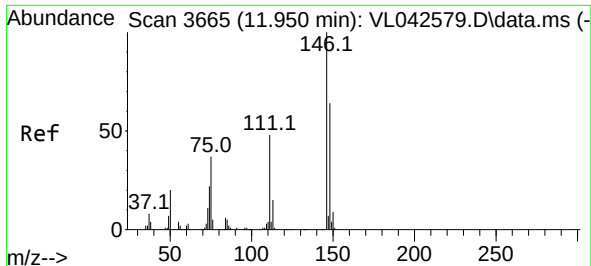
Tgt Ion:146 Resp: 11403
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.3
148 57.3 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 0.461 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:146 Resp: 10641
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.8
148 62.7 32.1 96.5

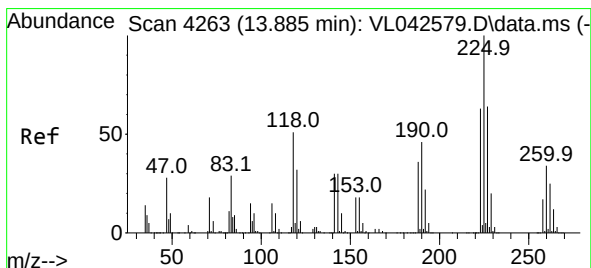
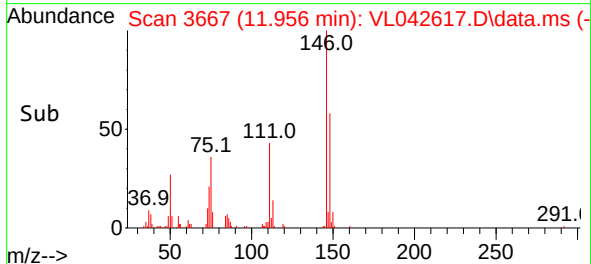
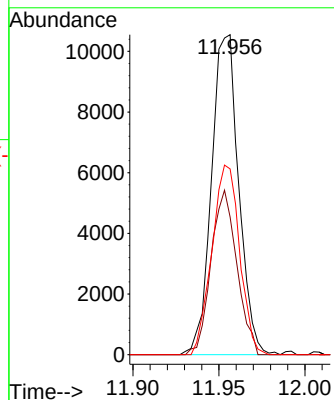
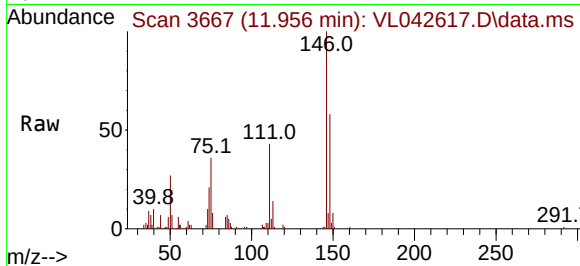




#77
1,2-Dichlorobenzene
Concen: 0.517 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.007 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

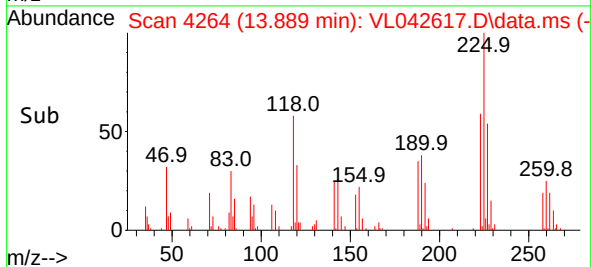
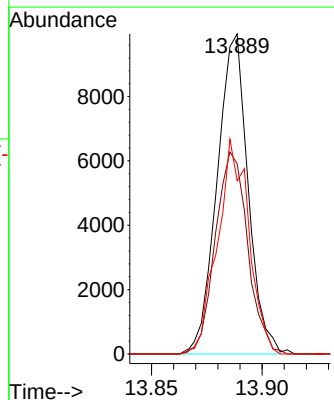
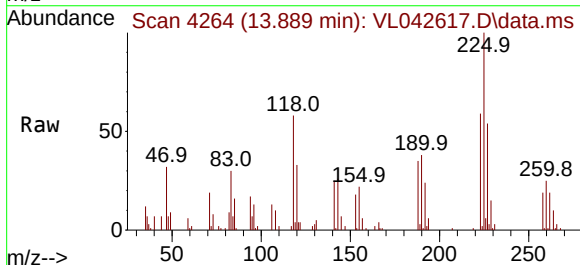
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

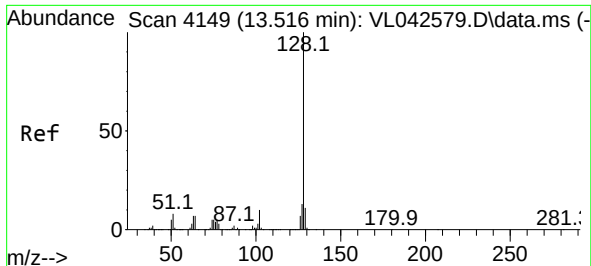
Tgt Ion:146 Resp: 11615
Ion Ratio Lower Upper
146 100
111 48.7 23.1 69.3
148 60.2 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.520 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:225 Resp: 9667
Ion Ratio Lower Upper
225 100
223 66.1 50.2 75.4
227 67.9 51.1 76.7

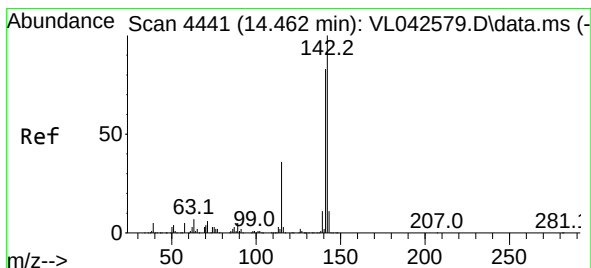
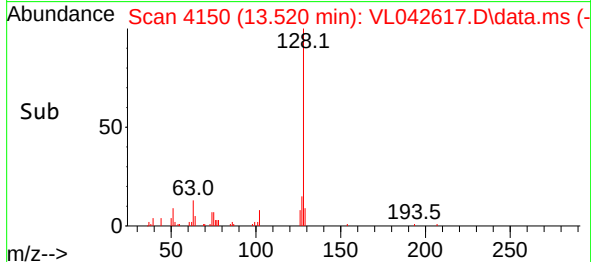
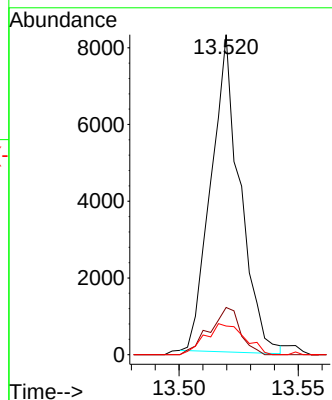
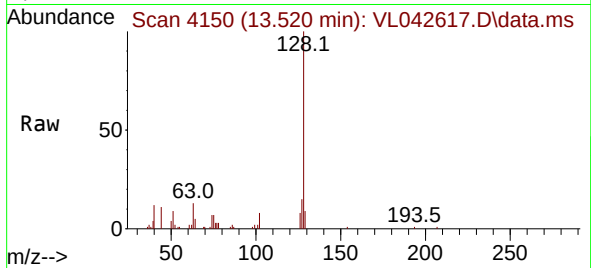




#79
Naphthalene
Concen: 0.201 ppbv
RT: 13.520 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

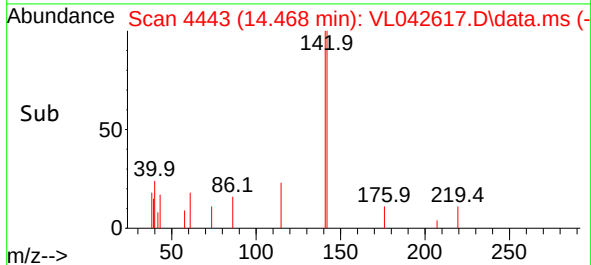
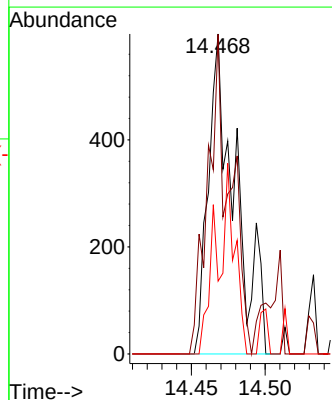
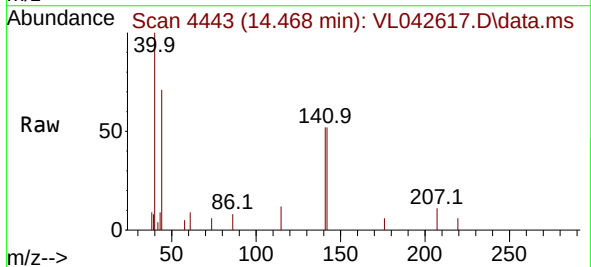
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

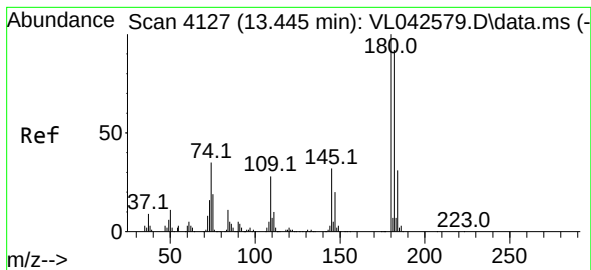
Tgt Ion:128 Resp: 6987
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.4
129 9.1 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 0.048 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.007 min
Lab File: VL042617.D
Acq: 05 Jun 2025 12:03

Tgt Ion:142 Resp: 757
Ion Ratio Lower Upper
142 100
141 89.0 66.2 99.4
115 46.0 28.3 42.5#





#81

1,2,4-Trichlorobenzene

Concen: 0.238 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042617.D

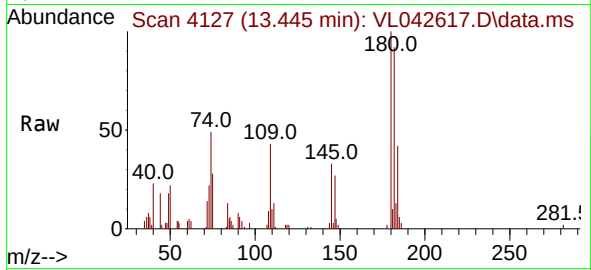
Acq: 05 Jun 2025 12:03

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025



Tgt Ion:	180	Resp:	4619
Ion	Ratio	Lower	Upper
180	100		
182	101.6	75.0	112.4
184	33.4	24.6	36.8

