

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042565.D
 Acq On : 21 May 2025 14:46
 Operator : SY/MD
 Sample : MDL 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

Quant Time: May 21 23:03:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	101024	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	315340	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	267681	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	225710	10.536	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	10301	0.545	ppbv	96
3) Chlorodifluoromethane	1.476	51	8115	0.521	ppbv	99
4) Chloromethane	1.531	50	3330	0.547	ppbv	97
5) Vinyl Chloride	1.580	62	3117	0.465	ppbv	93
6) Bromomethane	1.667	94	2093	0.542	ppbv	96
7) Chloroethane	1.706	64	1575	0.584	ppbv	91
8) Dichlorotetrafluoroethane	1.554	85	8864	0.554	ppbv	100
9) Propene	1.483	41	1908	0.353	ppbv	94
10) Heptane	4.985	43	643	0.045	ppbv #	1
11) Trichlorofluoromethane	1.878	101	10124	0.513	ppbv	87
12) 1,1,2-Trichlorotrifluo...	2.140	101	8087	0.509	ppbv	92
13) Ethanol	1.722	45	384	0.490	ppbv #	37
14) Bromoethene	1.781	108	3002	0.500	ppbv #	93
15) Acetone	1.836	43	8378	0.595	ppbv	98
16) 1,3-Butadiene	1.609	39	2799	0.490	ppbv	97
17) tert-Butyl alcohol	2.046	59	7679	0.472	ppbv	97
18) 1,1-Dichloroethene	2.033	96	3557	0.495	ppbv	88
19) Isopropyl Alcohol	1.887	45	3939	0.492	ppbv #	40
20) Methylene Chloride	2.062	84	4298	0.631	ppbv	95
21) Allyl Chloride	2.098	41	4451	0.494	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	4221	0.529	ppbv	99
23) Vinyl Acetate	2.463	43	6176	0.386	ppbv #	87
24) 1,1-Dichloroethane	2.408	63	6890	0.504	ppbv #	96
25) Ethyl Acetate	2.842	43	9888	0.363	ppbv	98
26) Hexane	2.826	57	3633	0.295	ppbv #	69
27) Carbon Disulfide	2.149	76	8571	0.481	ppbv #	69
28) Methyl tert-Butyl Ether	2.444	73	3706	0.447	ppbv	96
29) Chloroform	2.852	83	11808	0.507	ppbv	93
30) Cyclohexane	3.858	84	1574	0.148	ppbv #	15
31) cis-1,2-Dichloroethene	2.340	61	6024	0.445	ppbv	97
32) 1,1,1-Trichloroethane	3.370	97	10963	0.461	ppbv	97
34) 2-Butanone	2.564	43	6827	0.408	ppbv	98
35) Carbon Tetrachloride	3.768	117	12904	0.535	ppbv	94
36) Benzene	3.658	78	9327	0.365	ppbv	99
37) 1,2-Dichloroethane	3.224	62	7448	0.478	ppbv	98
38) Trichloroethene	4.548	130	4682	0.402	ppbv #	88
39) 1,2-Dichloropropane	4.318	63	4031	0.450	ppbv #	90
40) 1,4-Dioxane	4.603	88	653	0.163	ppbv #	1
41) Tetrahydrofuran	3.069	42	1886	0.231	ppbv #	88
42) Bromodichloromethane	4.496	83	11176	0.509	ppbv	97
43) Methyl Methacrylate	4.891	69	2277	0.263	ppbv	89
44) 2,2,4-Trimethylpentane	4.648	57	11914	0.304	ppbv #	78
45) t-1,3-Dichloropropene	6.425	75	1366	0.124	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042565.D
 Acq On : 21 May 2025 14:46
 Operator : SY/MD
 Sample : MDL 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

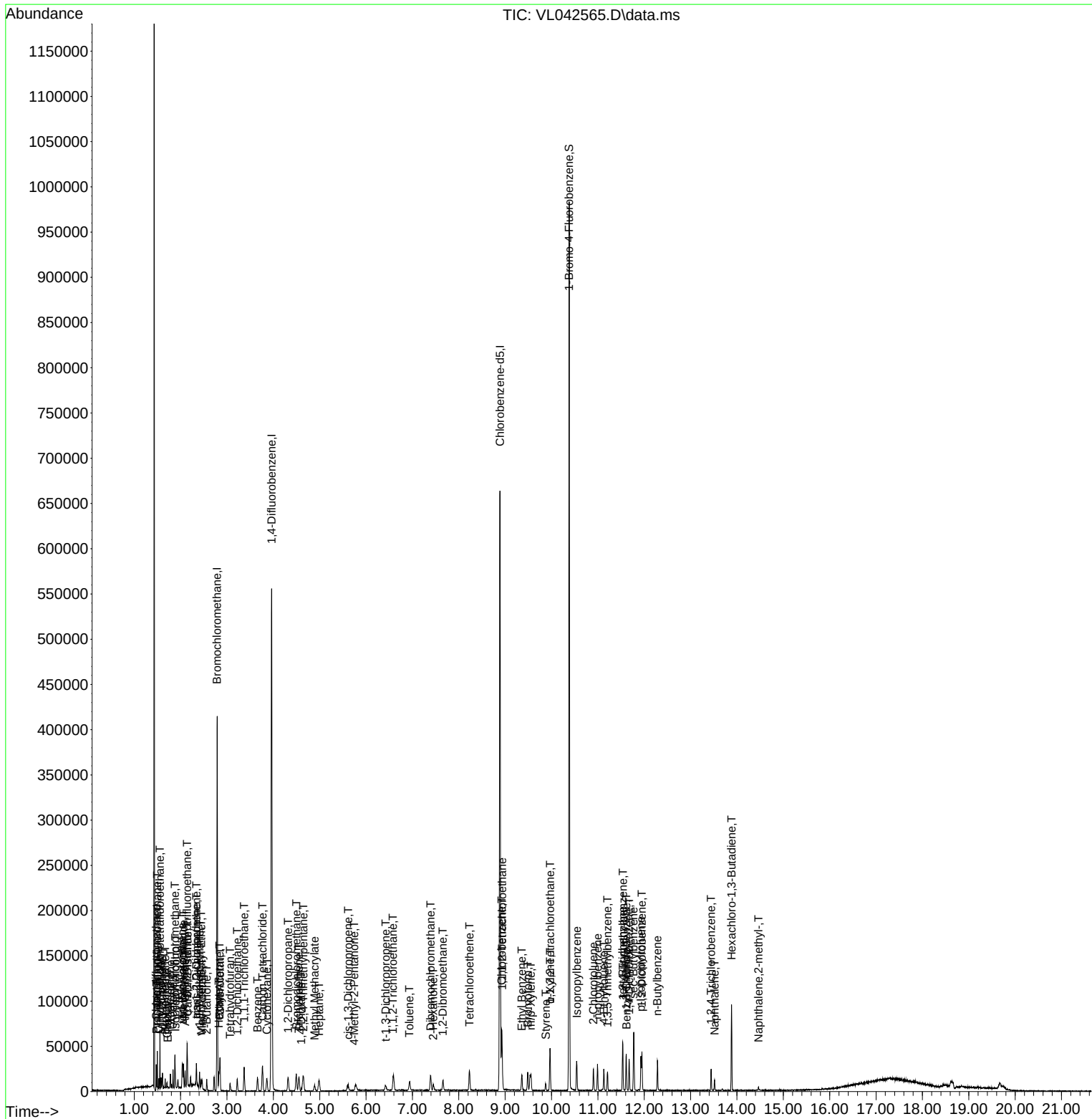
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

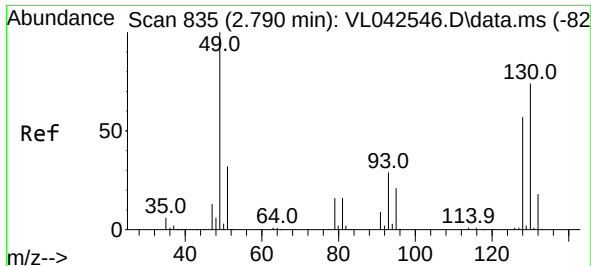
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	1571	0.117	ppbv	98
47) 1,1,2-Trichloroethane	6.580	97	2098	0.196	ppbv	94
48) Dibromochloromethane	7.390	129	4649	0.250	ppbv #	10
49) Bromoform	9.487	173	6815	0.430	ppbv	98
50) 4-Methyl-2-Pentanone	5.742	43	47	0.002	ppbv #	37
51) 2-Hexanone	7.448	43	1799	0.121	ppbv #	47
52) Tetrachloroethene	8.231	164	3998	0.402	ppbv	90
53) Toluene	6.936	91	7456	0.273	ppbv	99
54) 1,2-Dibromoethane	7.655	107	6377	0.408	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.933	131	8082	0.566	ppbv #	1
57) Chlorobenzene	8.927	112	12406	0.520	ppbv	92
58) Ethyl Benzene	9.357	91	9359	0.267	ppbv	95
59) m/p-Xylene	9.555	91	7540	0.252	ppbv #	30
60) o-Xylene	9.969	91	7519	0.254	ppbv	98
61) Styrene	9.875	104	2708	0.238	ppbv #	91
62) Isopropylbenzene	10.545	105	14030	0.309	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	10327	0.521	ppbv	100
64) n-propylbenzene	10.992	120	3024	0.268	ppbv	96
65) tert-Butylbenzene	11.536	119	9745	0.239	ppbv	92
66) Benzyl Chloride	11.620	91	1770	0.347	ppbv #	96
67) sec-Butylbenzene	11.769	105	15695	0.273	ppbv	100
69) p-Isopropyltoluene	11.927	119	11681	0.246	ppbv	97
70) n-Butylbenzene	12.283	91	10654	0.237	ppbv	97
71) 2-Chlorotoluene	10.905	91	9226	0.283	ppbv	97
72) 4-Ethyltoluene	11.128	105	9050	0.247	ppbv #	93
73) 1,3,5-Trimethylbenzene	11.206	105	7783	0.246	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	9065	0.237	ppbv #	92
75) 1,3-Dichlorobenzene	11.610	146	9952	0.422	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	8436	0.369	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	10018	0.431	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	9398	0.490	ppbv	100
79) Naphthalene	13.517	128	5661	0.198	ppbv	97
80) Naphthalene,2-methyl-	14.465	142	1554	0.105	ppbv	96
81) 1,2,4-Trichlorobenzene	13.442	180	3830	0.223	ppbv	98

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

Quant Time: May 21 23:03:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration

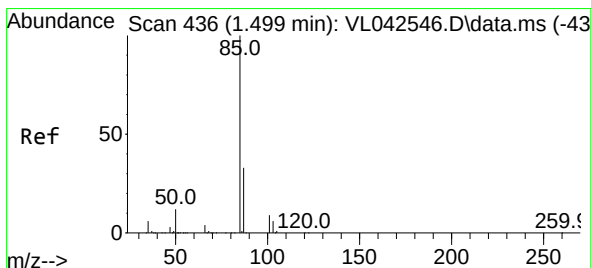
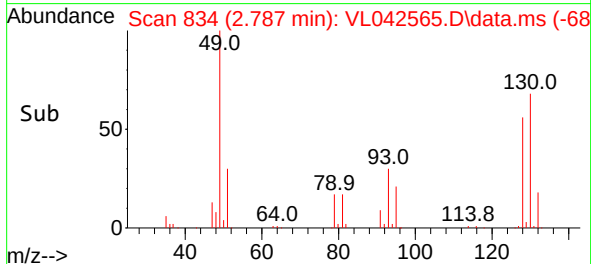
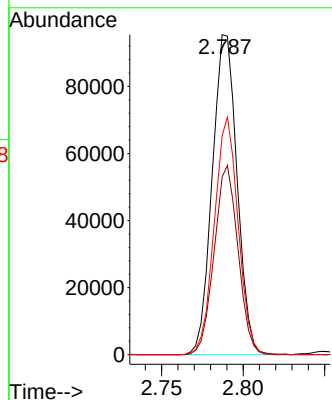
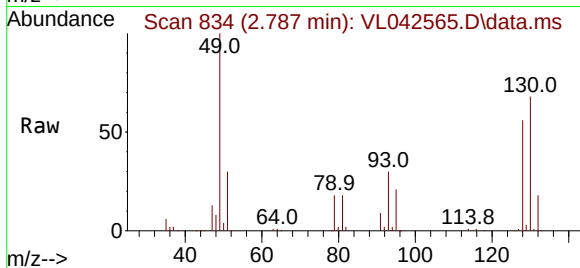




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

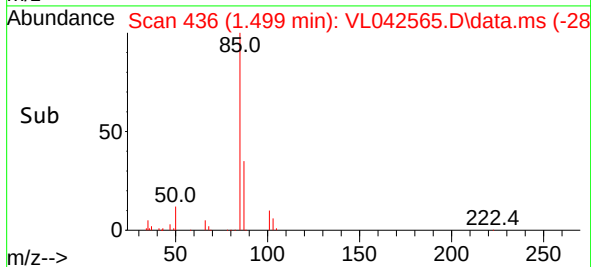
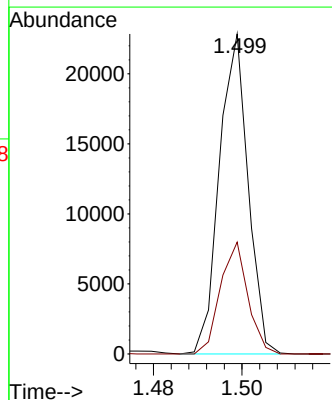
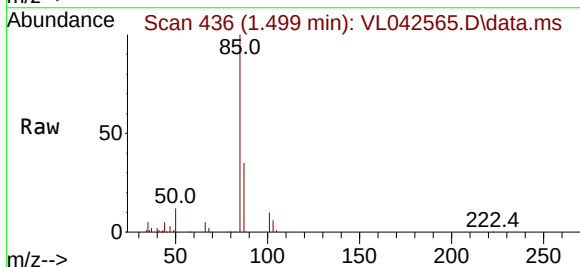
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

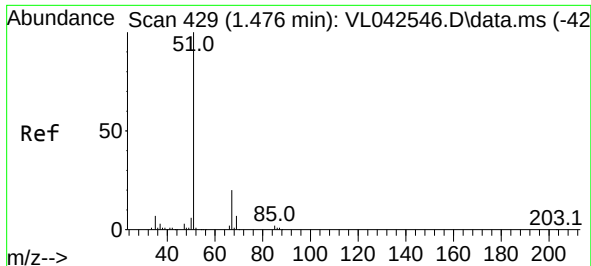
Tgt Ion: 49 Resp: 101024
 Ion Ratio Lower Upper
 49 100
 128 56.7 28.6 85.8
 130 71.1 36.6 109.8



#2
 Dichlorodifluoromethane
 Concen: 0.545 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion: 85 Resp: 10301
 Ion Ratio Lower Upper
 85 100
 87 35.0 26.2 39.4

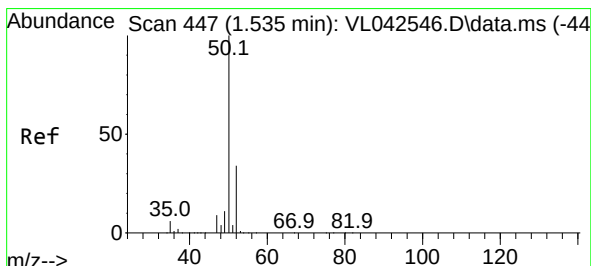
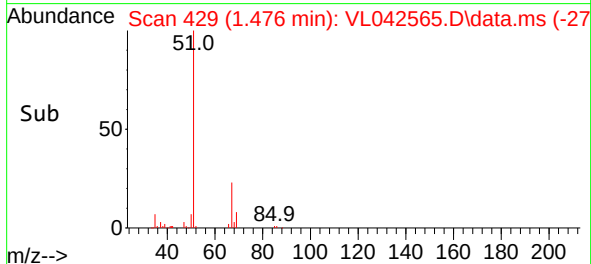
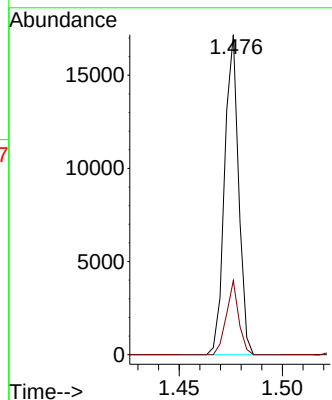
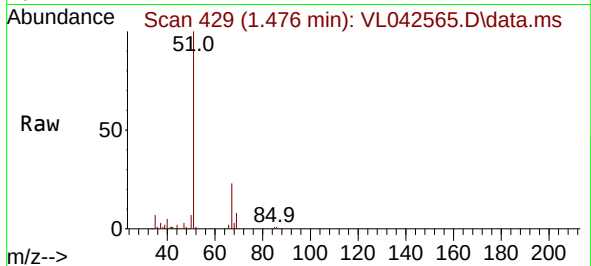




#3
Chlorodifluoromethane
Concen: 0.521 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

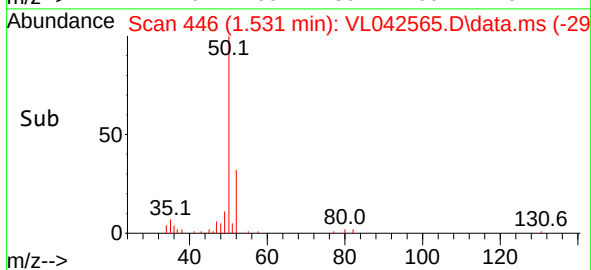
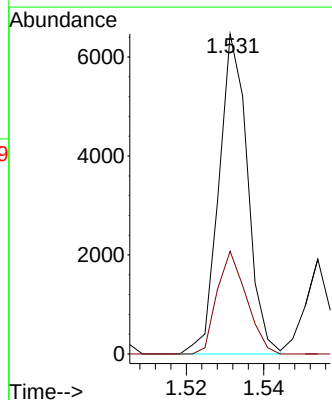
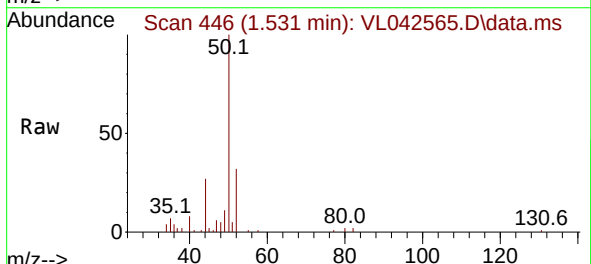
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

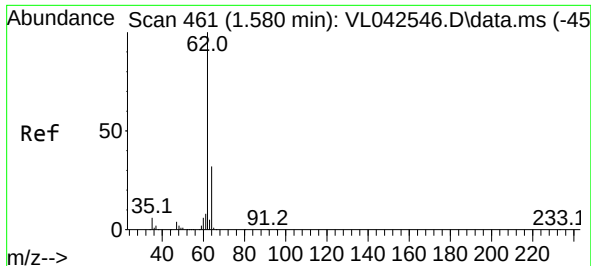
Tgt Ion: 51 Resp: 8115
Ion Ratio Lower Upper
51 100
67 20.5 16.6 25.0



#4
Chloromethane
Concen: 0.547 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 50 Resp: 3330
Ion Ratio Lower Upper
50 100
52 32.1 26.9 40.3

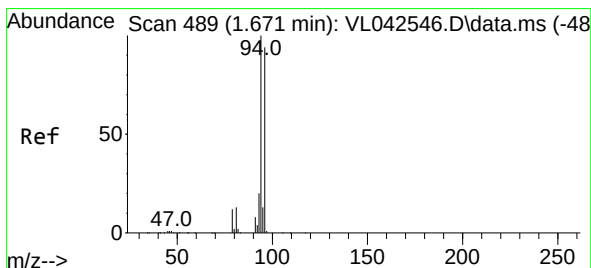
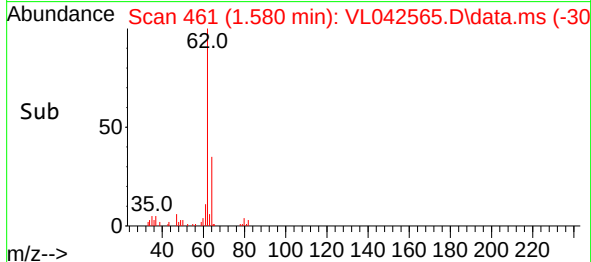
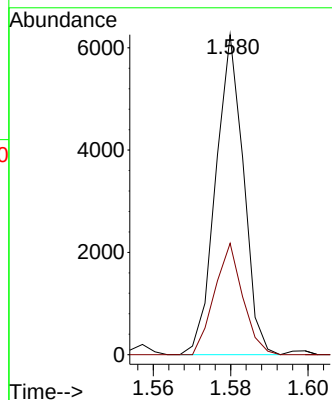
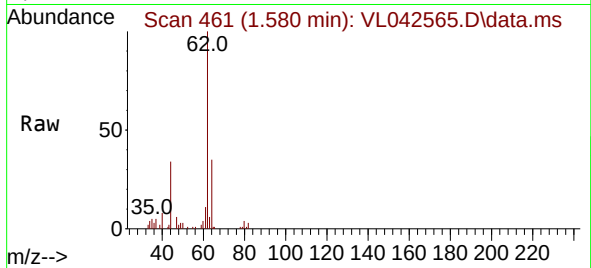




#5
 Vinyl Chloride
 Concen: 0.465 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

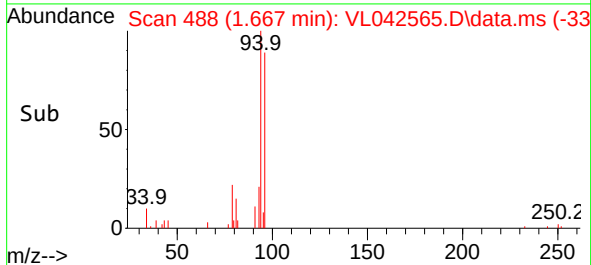
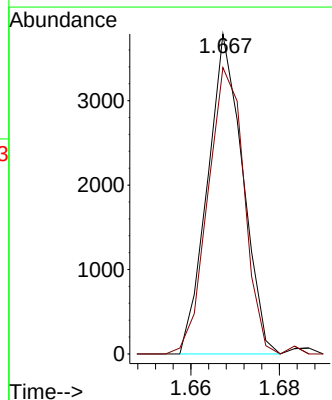
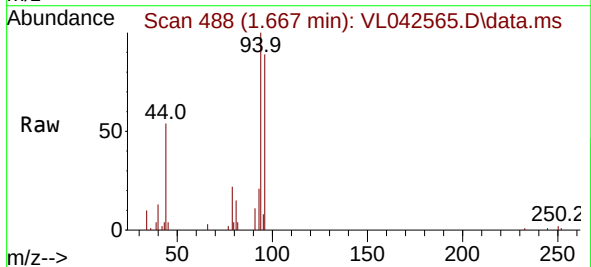
Instrument :
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 ClientSampleId :
 MDL 0.45

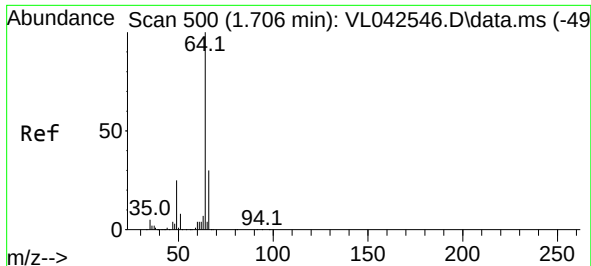
Tgt Ion: 62 Resp: 3117
 Ion Ratio Lower Upper
 62 100
 64 35.9 25.7 38.5



#6
 Bromomethane
 Concen: 0.542 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion: 94 Resp: 2093
 Ion Ratio Lower Upper
 94 100
 96 89.5 74.9 112.3

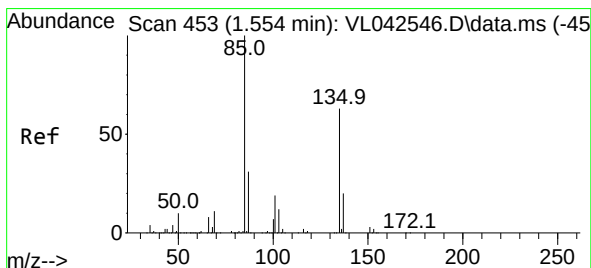
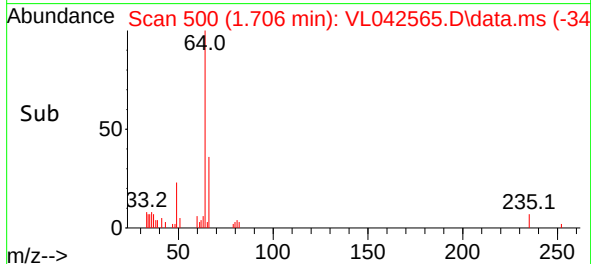
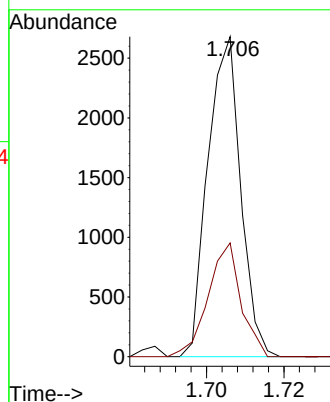
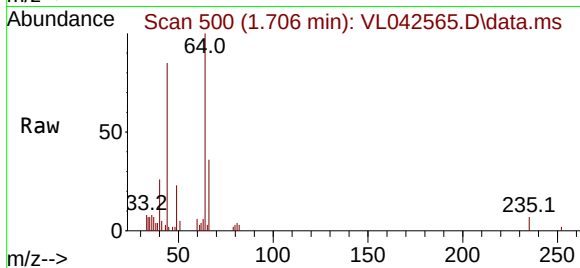




#7
Chloroethane
Concen: 0.584 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

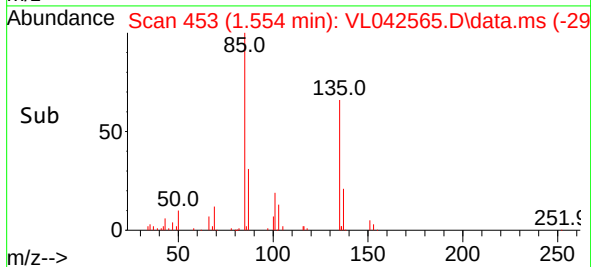
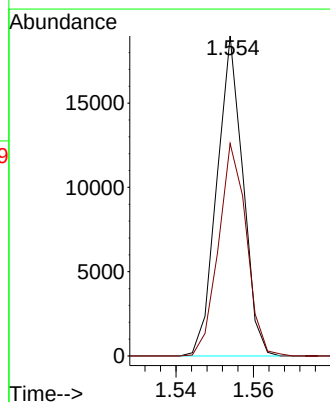
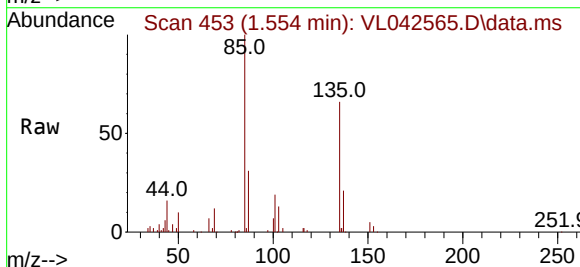
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

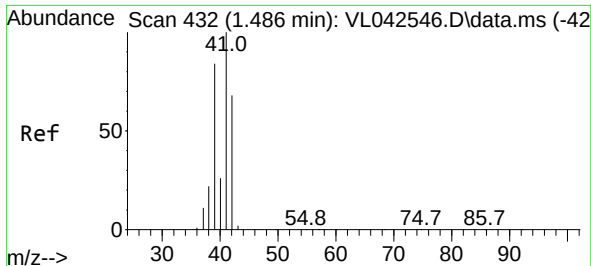
Tgt Ion: 64 Resp: 1575
Ion Ratio Lower Upper
64 100
66 35.6 24.4 36.6



#8
Dichlorotetrafluoroethane
Concen: 0.554 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 85 Resp: 8864
Ion Ratio Lower Upper
85 100
135 71.2 57.2 85.8





#9

Propene

Concen: 0.353 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

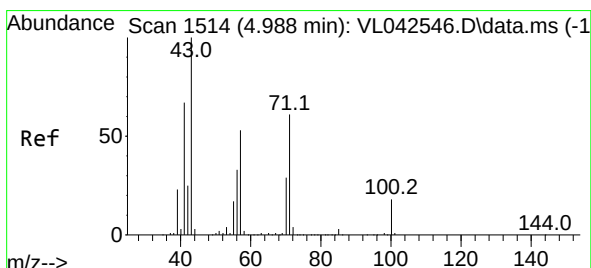
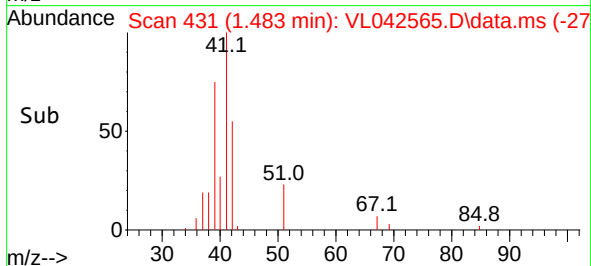
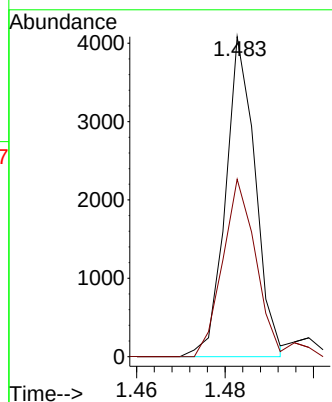
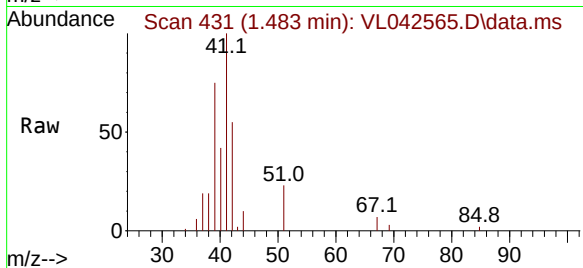
MDL 0.45

Tgt Ion: 41 Resp: 1908

Ion Ratio Lower Upper

41 100

42 73.7 55.0 82.4



#10

Heptane

Concen: 0.045 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VL042565.D

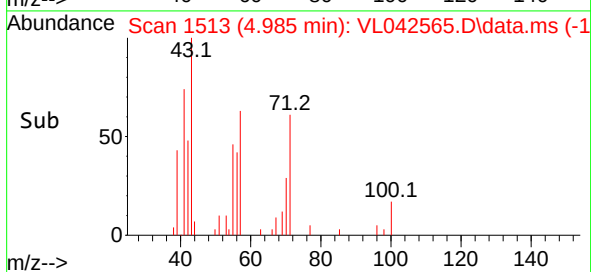
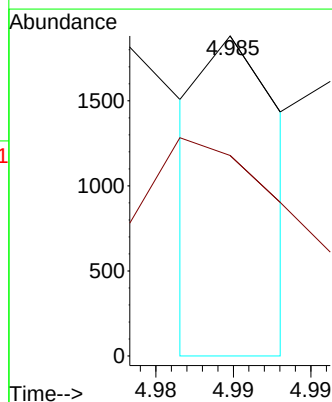
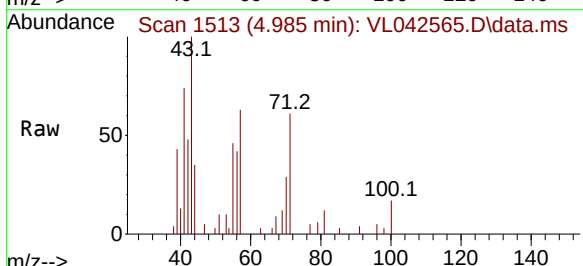
Acq: 21 May 2025 14:46

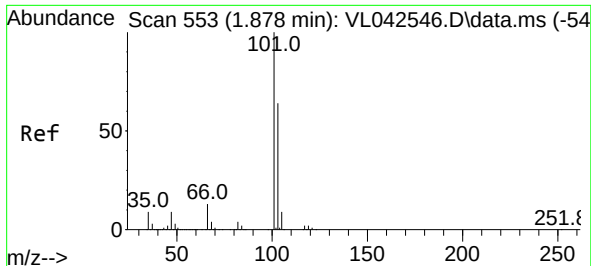
Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

57 321.2 43.4 65.0#

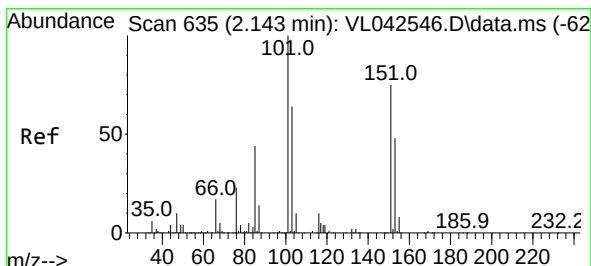
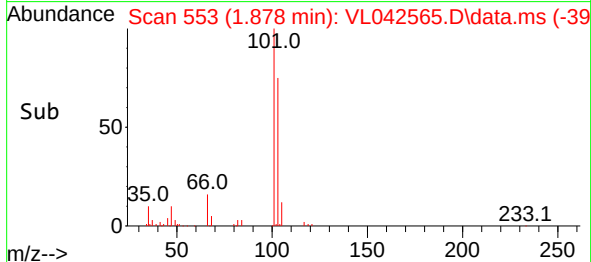
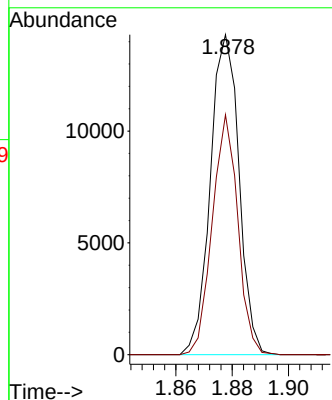
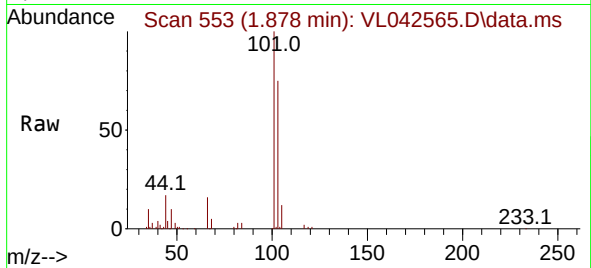




#11
 Trichlorofluoromethane
 Concen: 0.513 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

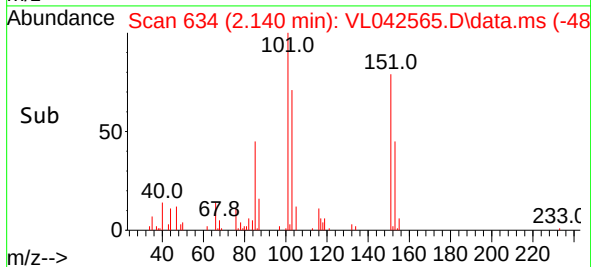
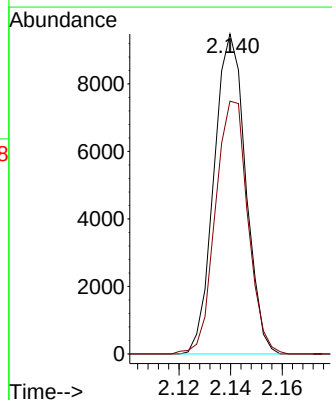
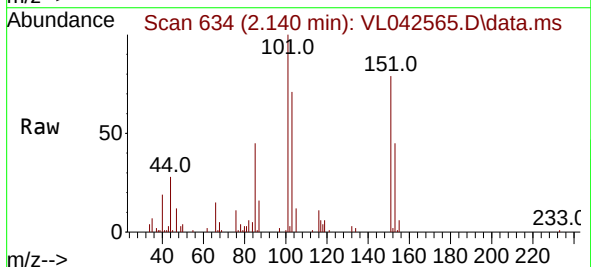
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

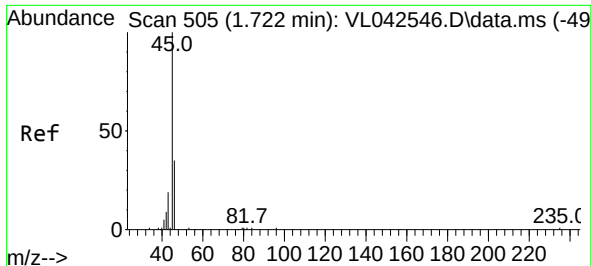
Tgt Ion:101 Resp: 10124
 Ion Ratio Lower Upper
 101 100
 103 74.9 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.509 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion:101 Resp: 8087
 Ion Ratio Lower Upper
 101 100
 151 81.0 59.5 89.3

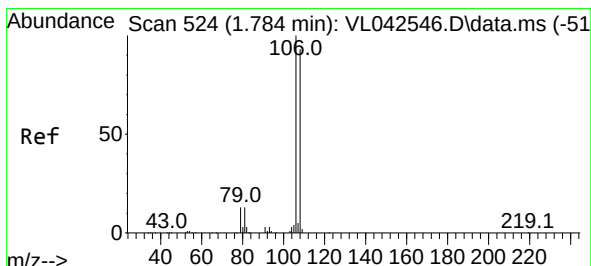
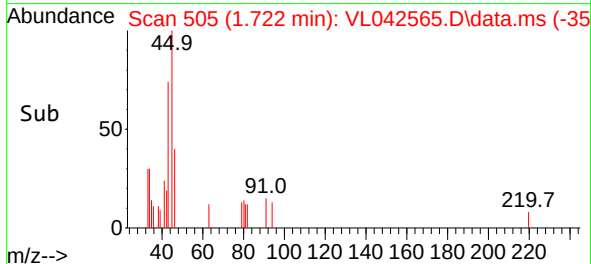
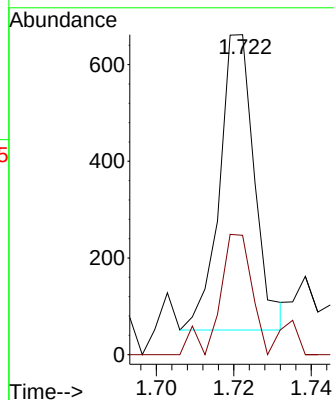
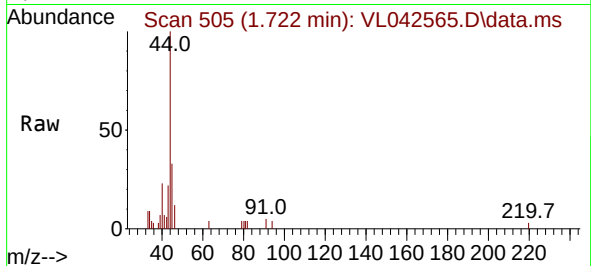




#13
Ethanol
Concen: 0.490 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

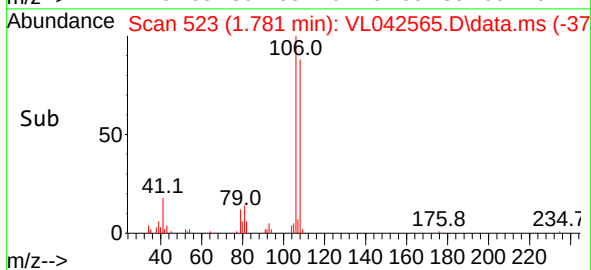
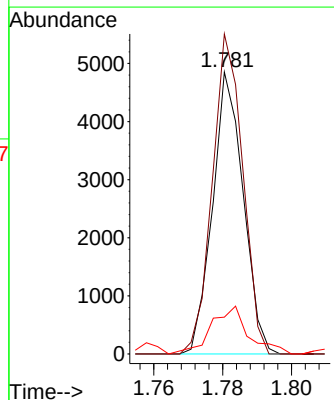
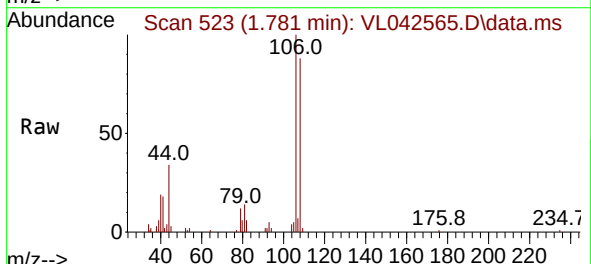
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

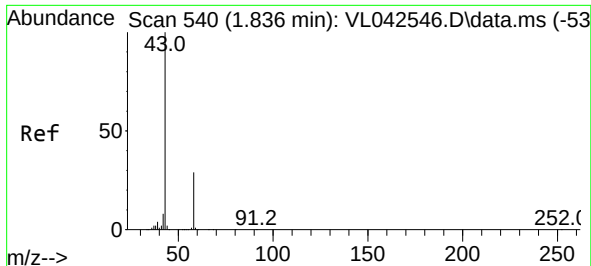
Tgt Ion: 45 Resp: 384
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.500 ppbv
RT: 1.781 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 108 Resp: 3002
Ion Ratio Lower Upper
108 100
106 112.3 86.4 129.6
79 26.3 11.9 17.9#

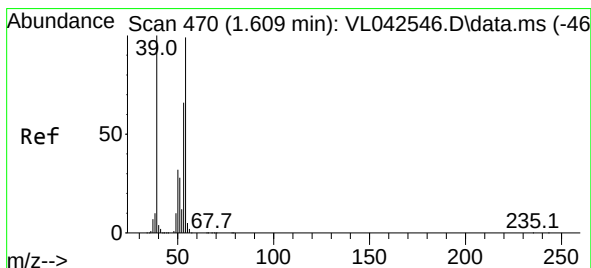
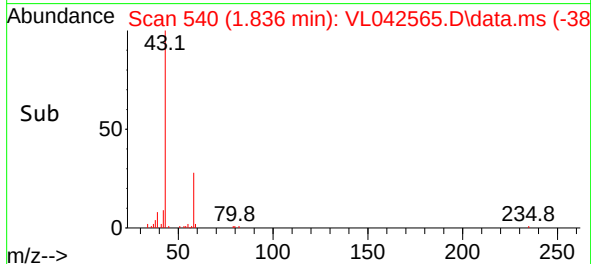
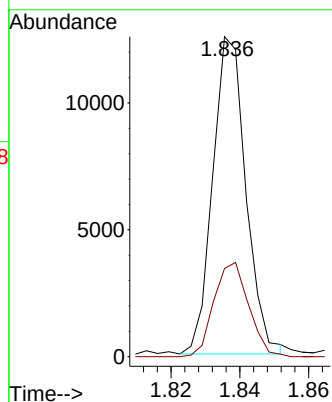
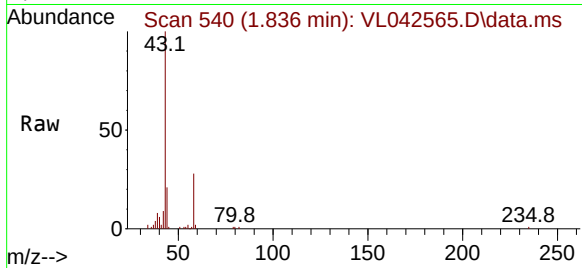




#15
Acetone
Concen: 0.595 ppbv
RT: 1.836 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

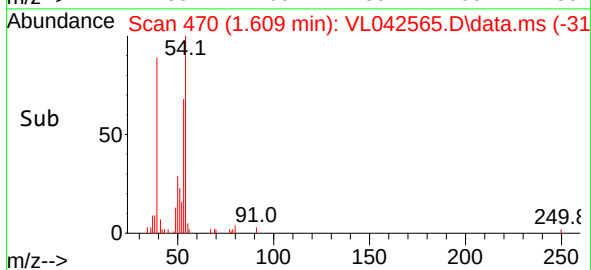
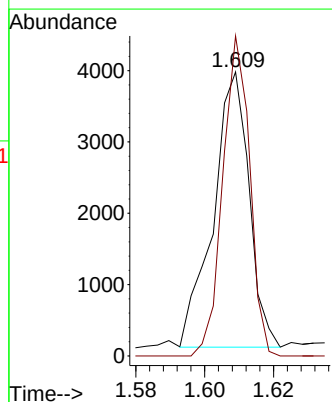
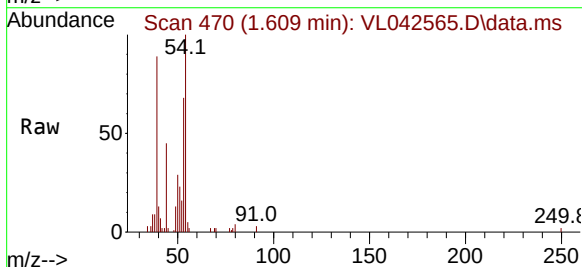
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

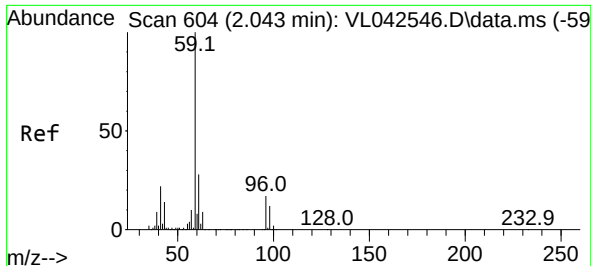
Tgt Ion: 43 Resp: 8378
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.2



#16
1,3-Butadiene
Concen: 0.490 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 39 Resp: 2799
Ion Ratio Lower Upper
39 100
54 87.1 71.8 107.8





#17

tert-Butyl alcohol

Concen: 0.472 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

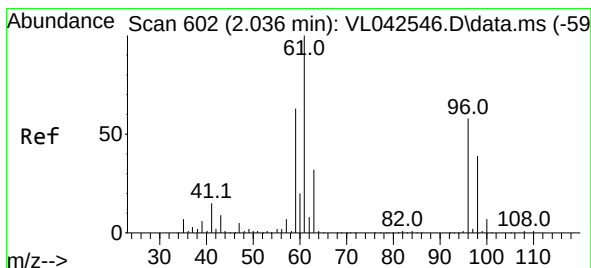
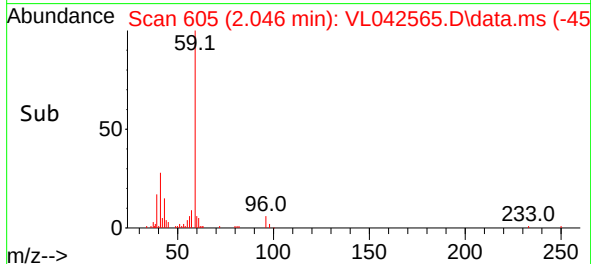
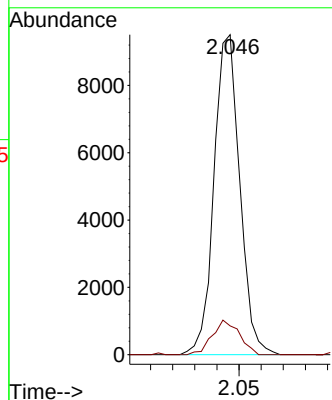
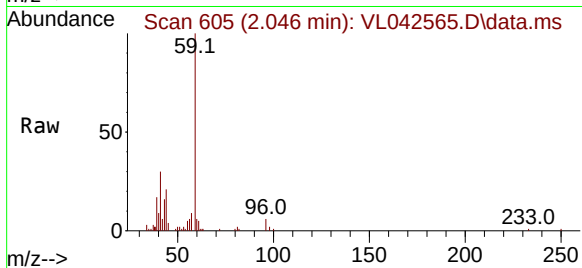
MDL 0.45

Tgt Ion: 59 Resp: 7679

Ion Ratio Lower Upper

59 100

57 11.4 8.2 12.2



#18

1,1-Dichloroethene

Concen: 0.495 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

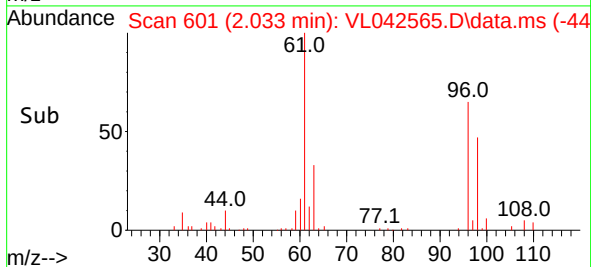
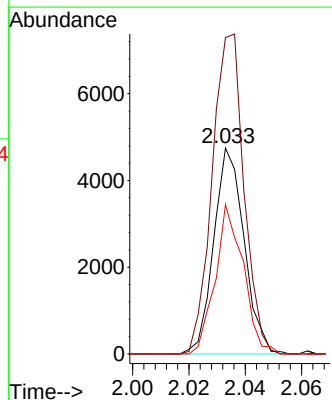
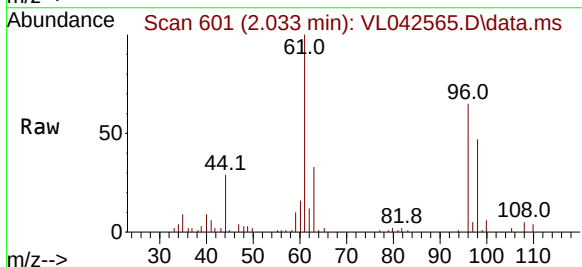
Tgt Ion: 96 Resp: 3557

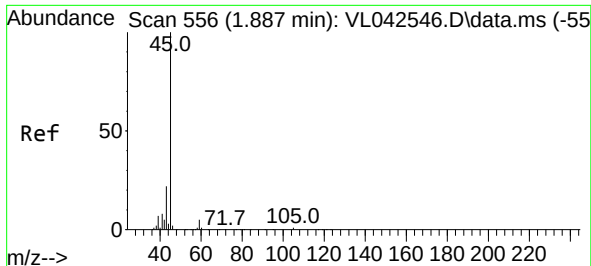
Ion Ratio Lower Upper

96 100

61 153.6 137.5 206.3

98 72.5 53.2 79.8

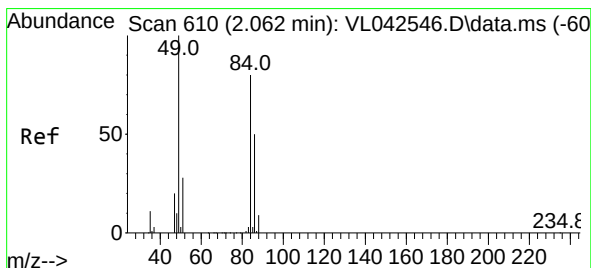
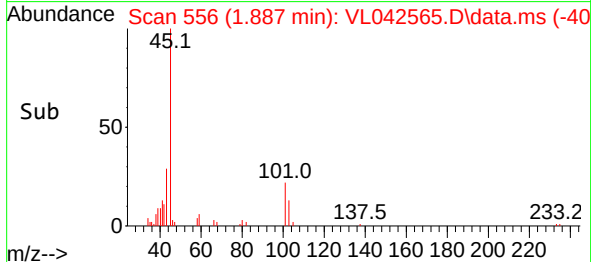
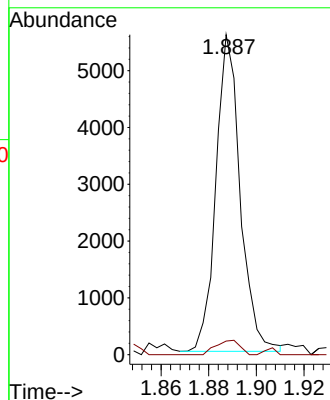
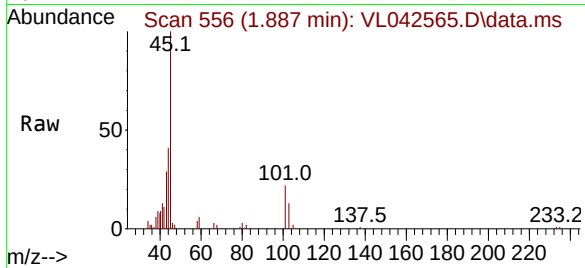




#19
Isopropyl Alcohol
Concen: 0.492 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

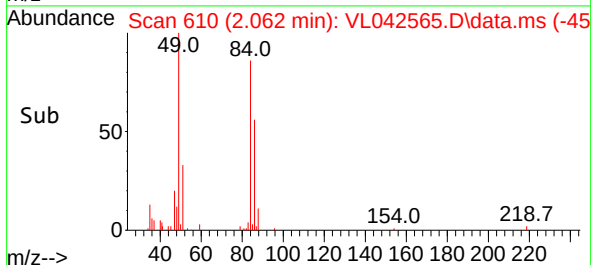
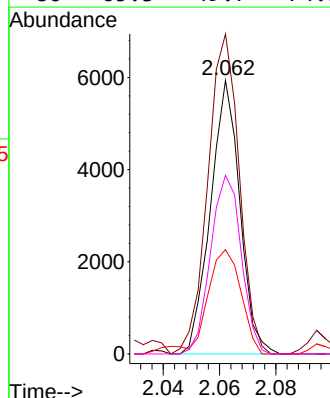
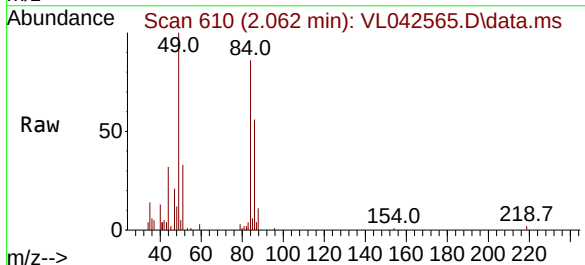
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

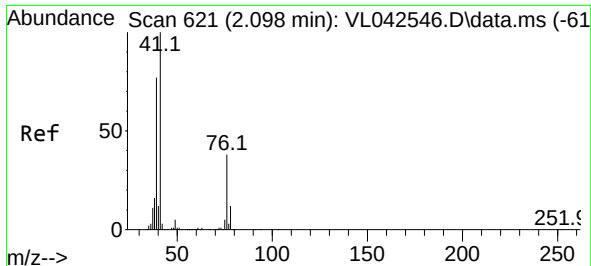
Tgt Ion: 45 Resp: 3939
Ion Ratio Lower Upper
45 100
58 5.4 35.3 52.9#



#20
Methylene Chloride
Concen: 0.631 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 84 Resp: 4298
Ion Ratio Lower Upper
84 100
49 116.9 99.7 149.5
51 38.2 29.7 44.5
86 65.3 49.7 74.5

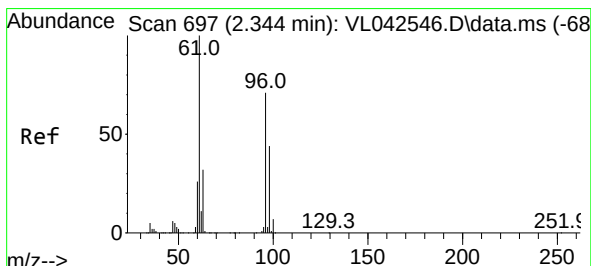
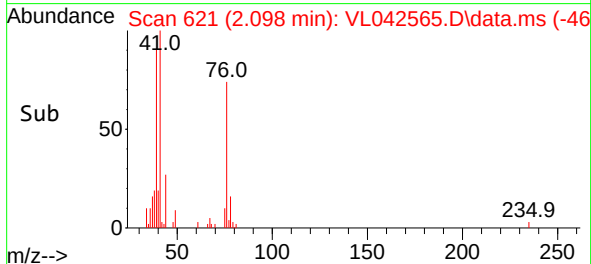
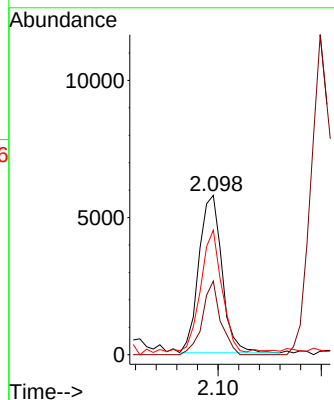
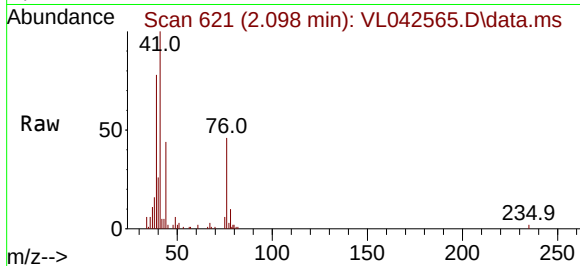




#21
 Allyl Chloride
 Concen: 0.494 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

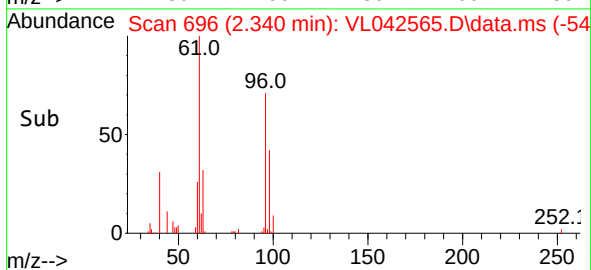
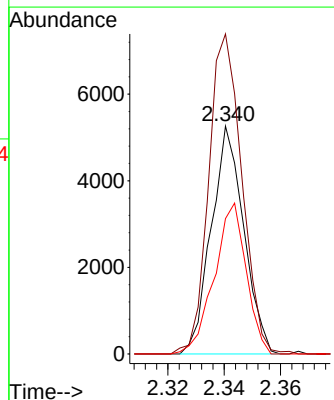
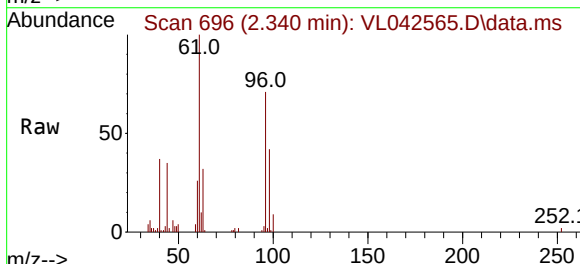
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

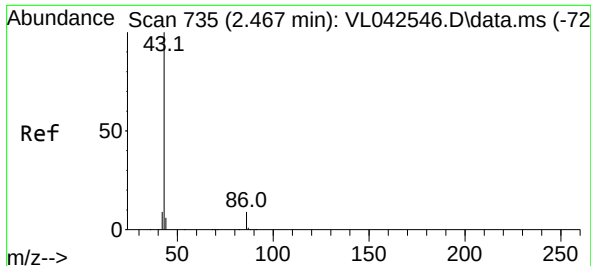
Tgt Ion: 41 Resp: 4451
 Ion Ratio Lower Upper
 41 100
 76 37.0 30.2 45.4
 39 82.1 62.5 93.7



#22
 trans-1,2-Dichloroethene
 Concen: 0.529 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion: 96 Resp: 4221
 Ion Ratio Lower Upper
 96 100
 61 139.5 112.5 168.7
 98 59.4 49.0 73.4





#23

Vinyl Acetate

Concen: 0.386 ppbv

RT: 2.463 min Scan# 717

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.45

Tgt Ion: 43 Resp: 6176

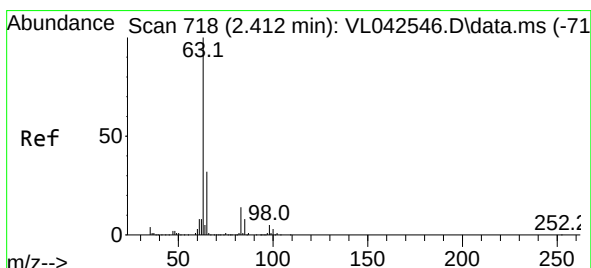
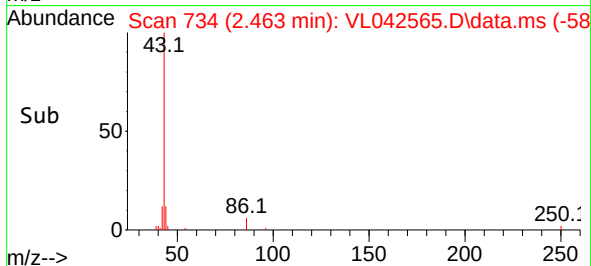
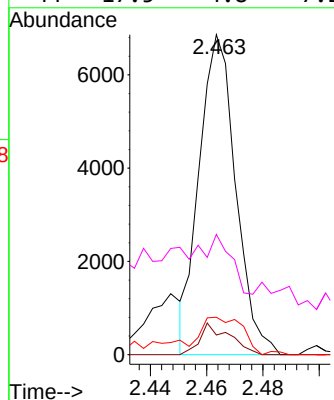
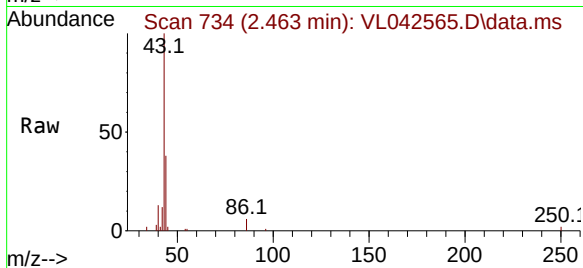
Ion Ratio Lower Upper

43 100

86 6.1 7.0 10.6#

42 10.9 7.4 11.2

44 17.5 4.8 7.2#



#24

1,1-Dichloroethane

Concen: 0.504 ppbv

RT: 2.408 min Scan# 717

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

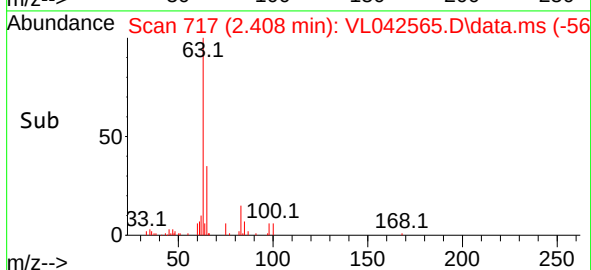
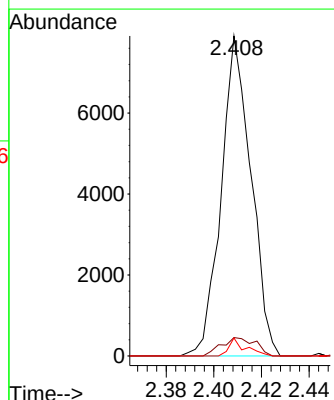
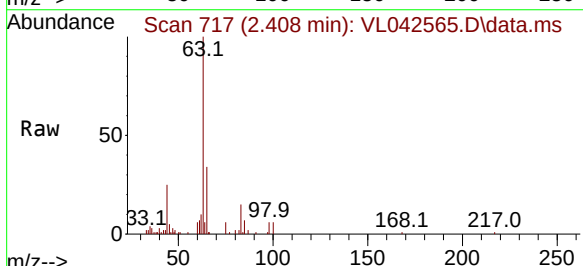
Tgt Ion: 63 Resp: 6890

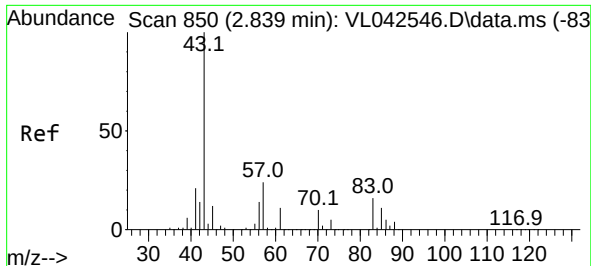
Ion Ratio Lower Upper

63 100

98 5.7 2.6 7.8

100 5.6 1.8 5.3#

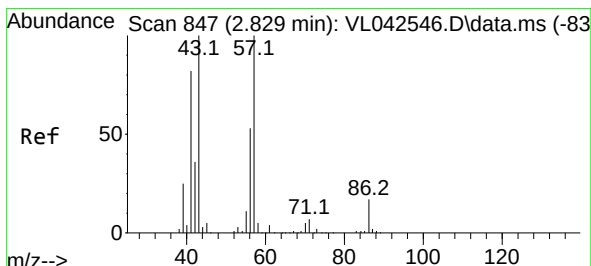
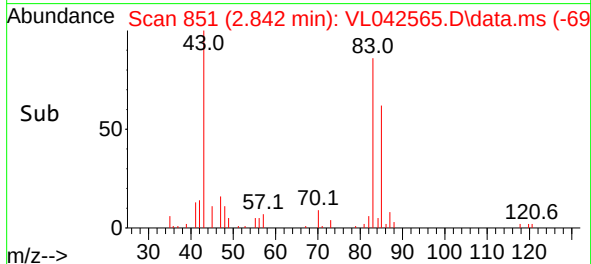
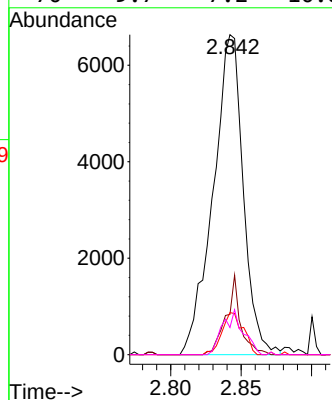
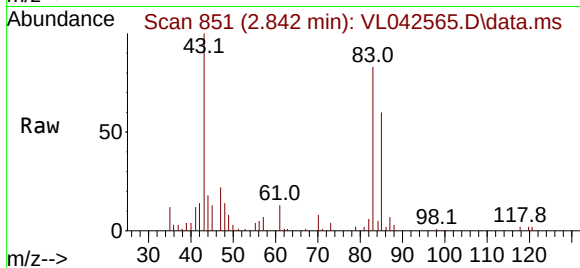




#25
Ethyl Acetate
Concen: 0.363 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

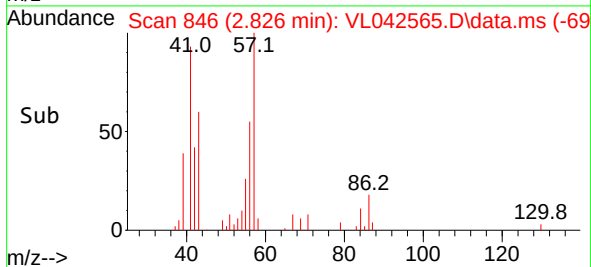
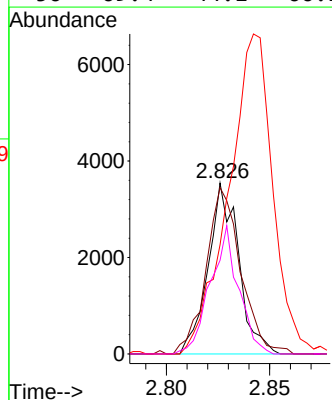
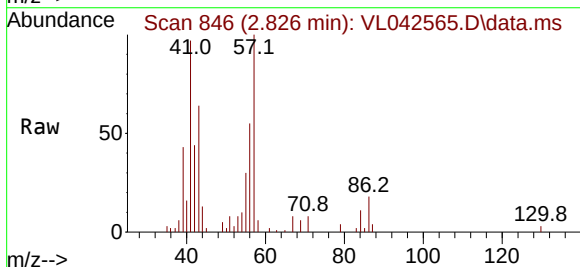
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.45

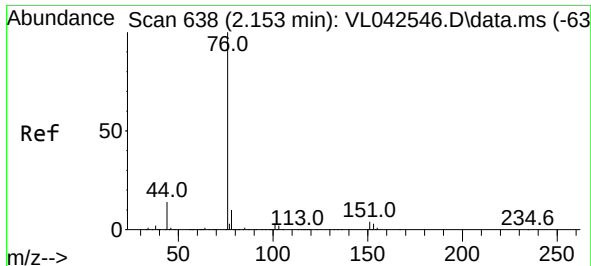
Tgt Ion: 43	Resp: 9888
Ion Ratio	Lower Upper
43 100	
45 11.8	8.0 12.0
61 9.5	7.5 11.3
70 9.7	7.2 10.8



#26
Hexane
Concen: 0.295 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 57	Resp: 3633
Ion Ratio	Lower Upper
57 100	
41 111.1	69.0 103.4#
43 274.6	174.2 261.2#
56 69.4	44.1 66.1#





#27

Carbon Disulfide

Concen: 0.481 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.45

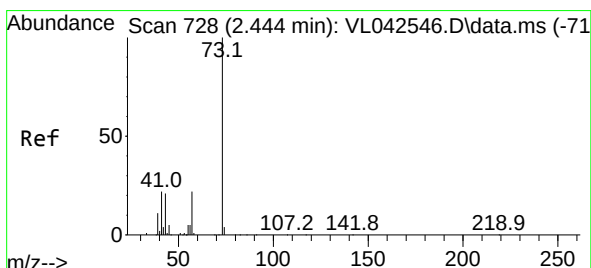
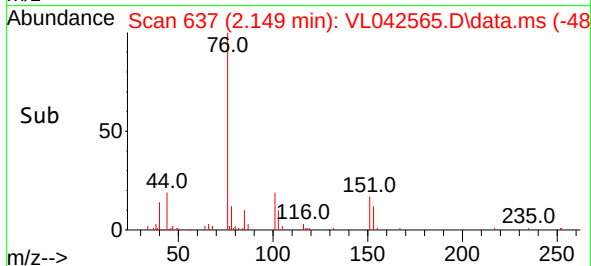
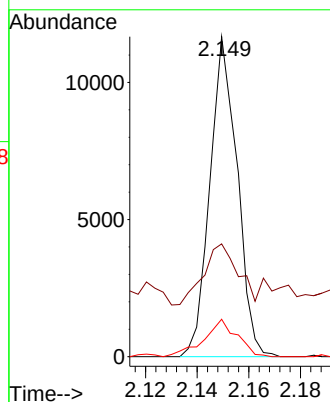
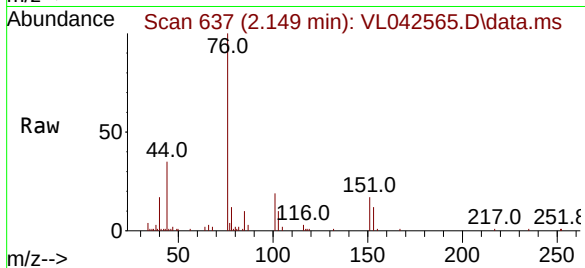
Tgt Ion: 76 Resp: 8571

Ion Ratio Lower Upper

76 100

44 38.6 14.0 21.0#

78 14.1 9.4 14.0#



#28

Methyl tert-Butyl Ether

Concen: 0.447 ppbv

RT: 2.444 min Scan# 728

Delta R.T. -0.000 min

Lab File: VL042565.D

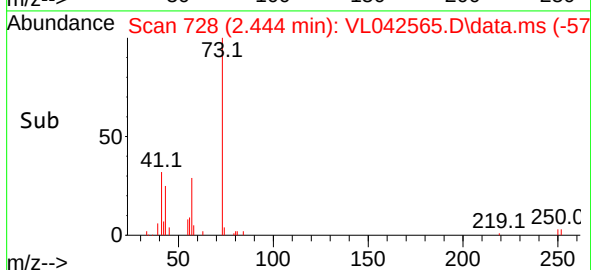
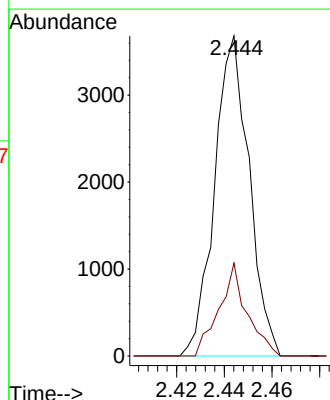
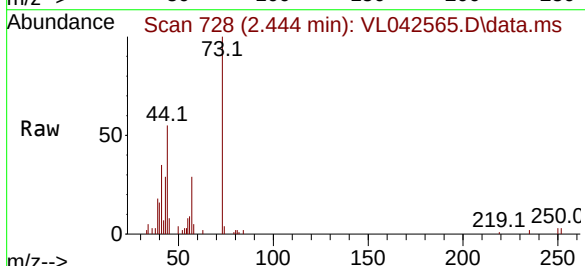
Acq: 21 May 2025 14:46

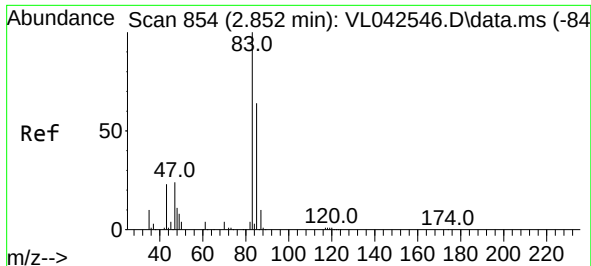
Tgt Ion: 73 Resp: 3706

Ion Ratio Lower Upper

73 100

57 23.4 17.2 25.8





#29

Chloroform

Concen: 0.507 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

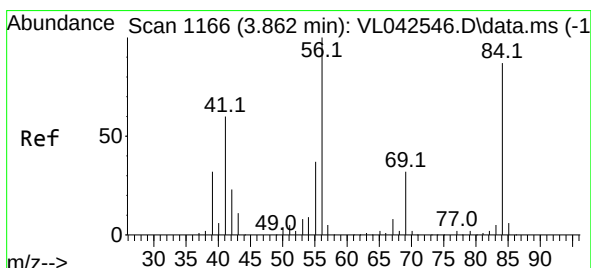
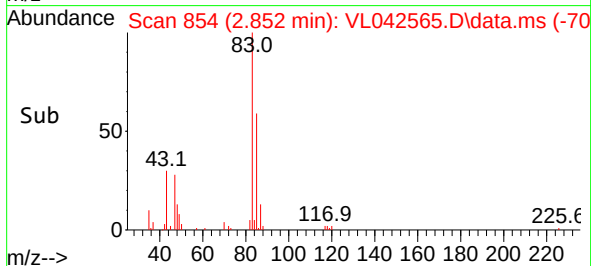
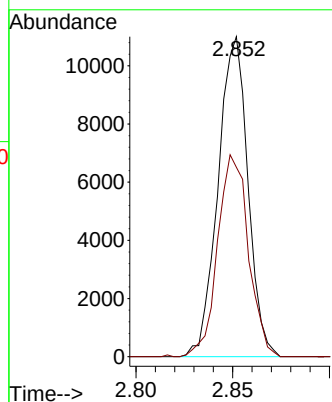
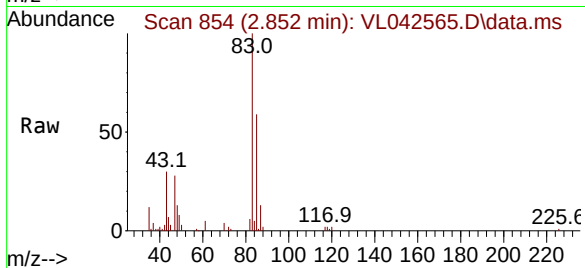
MDL 0.45

Tgt Ion: 83 Resp: 11808

Ion Ratio Lower Upper

83 100

85 59.2 51.6 77.4



#30

Cyclohexane

Concen: 0.148 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

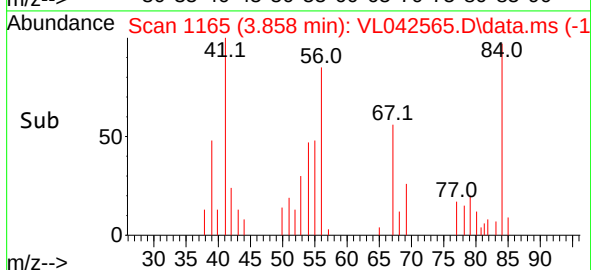
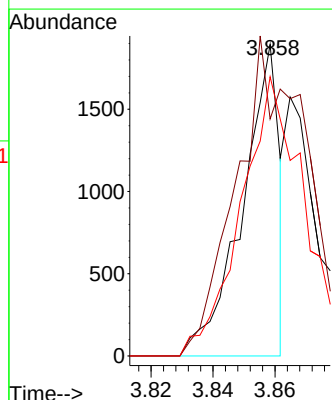
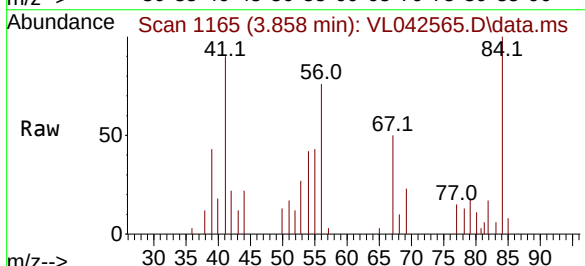
Tgt Ion: 84 Resp: 1574

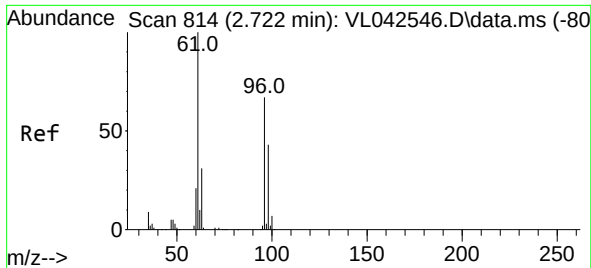
Ion Ratio Lower Upper

84 100

56 195.8 92.3 138.5#

41 156.4 57.0 85.4#

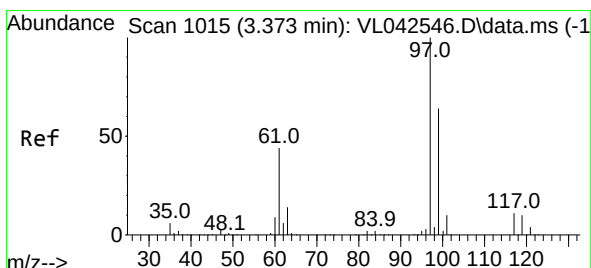
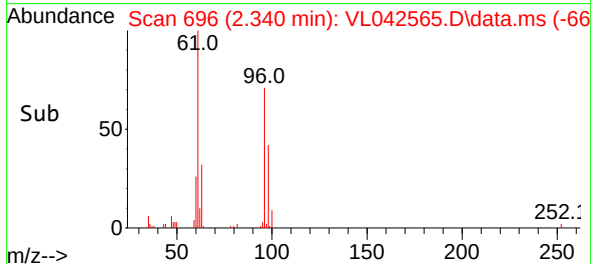
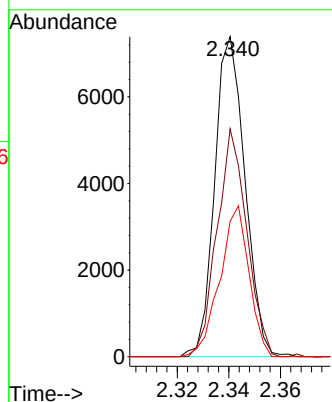
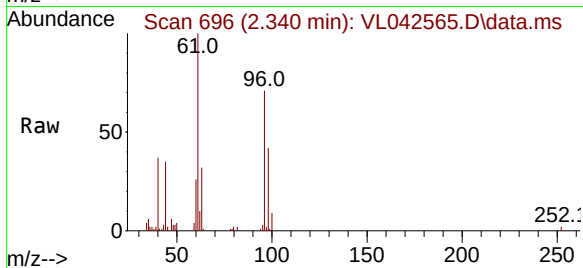




#31
 cis-1,2-Dichloroethene
 Concen: 0.445 ppbv
 RT: 2.340 min Scan# 61
 Delta R.T. -0.382 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

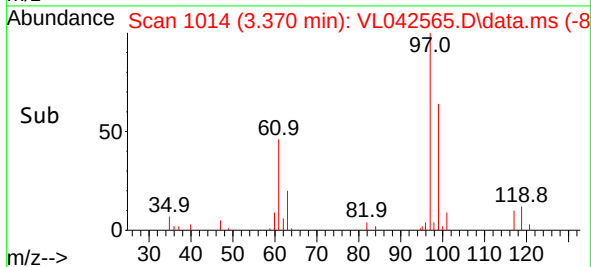
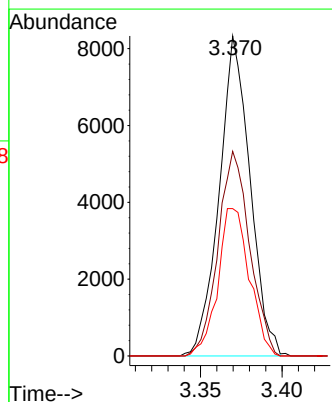
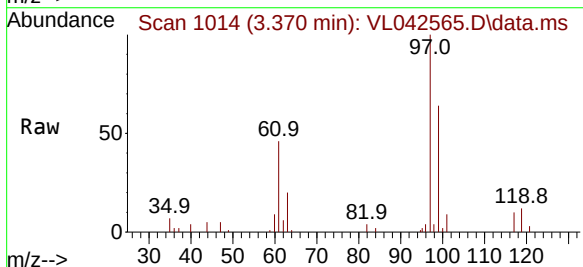
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

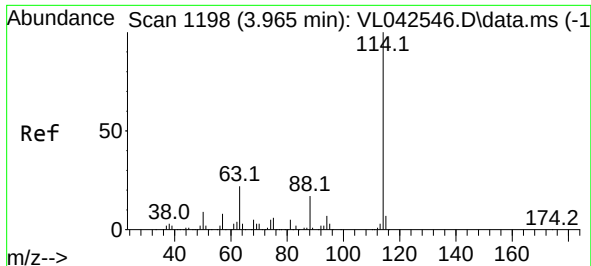
Tgt Ion:	61	Resp:	6024
Ion	Ratio	Lower	Upper
61	100		
96	71.2	53.8	80.8
98	42.3	34.5	51.7



#32
 1,1,1-Trichloroethane
 Concen: 0.461 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion:	97	Resp:	10963
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.5	77.3
61	47.2	35.7	53.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.45

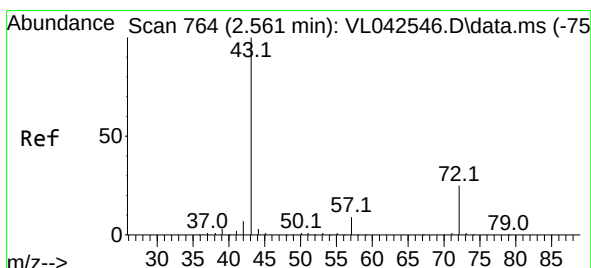
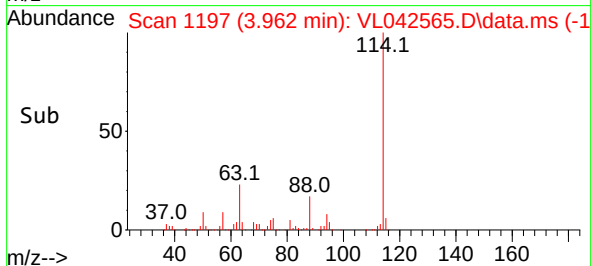
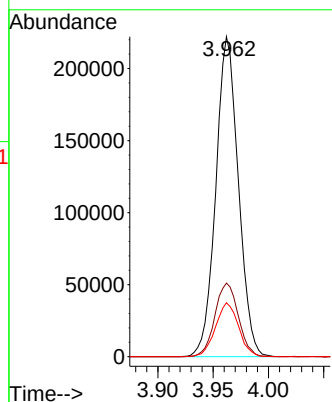
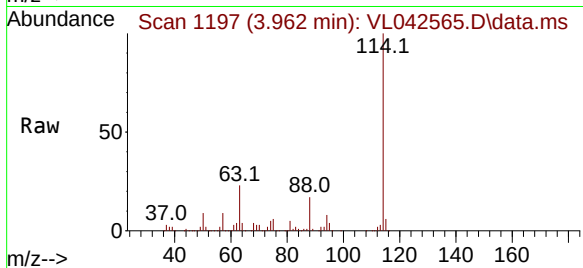
Tgt Ion:114 Resp: 315340

Ion Ratio Lower Upper

114 100

63 23.9 18.4 27.6

88 17.2 14.0 21.0



#34

2-Butanone

Concen: 0.408 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.003 min

Lab File: VL042565.D

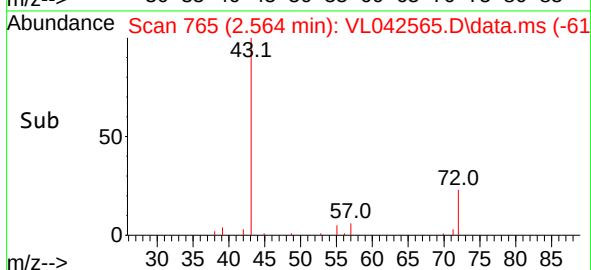
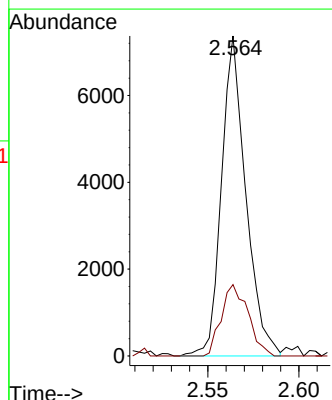
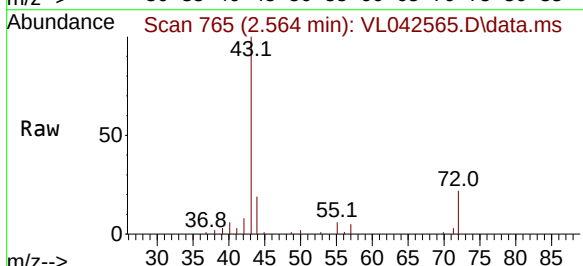
Acq: 21 May 2025 14:46

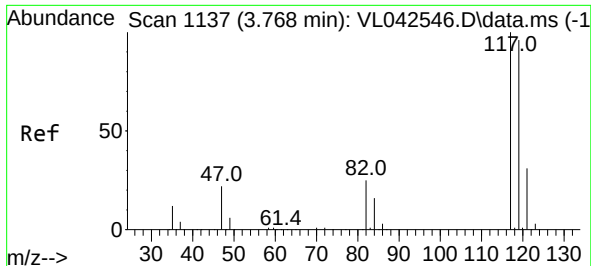
Tgt Ion: 43 Resp: 6827

Ion Ratio Lower Upper

43 100

72 24.6 20.5 30.7

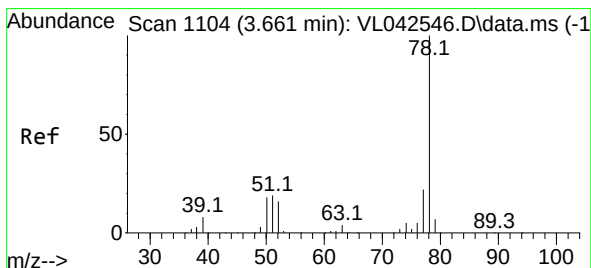
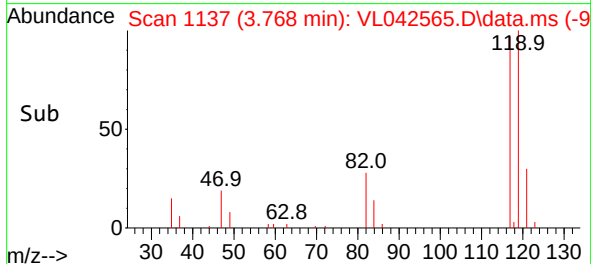
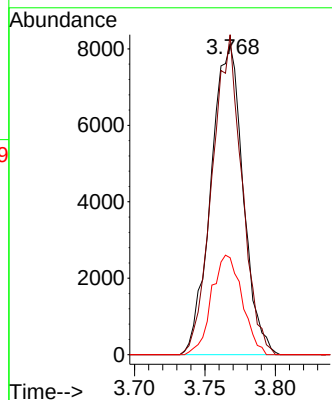
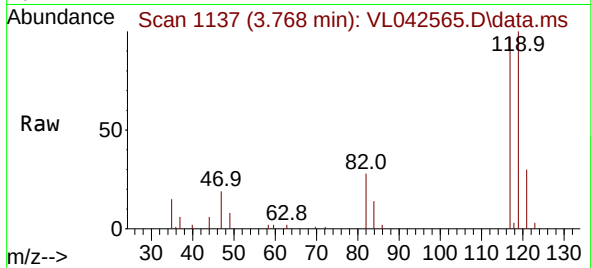




#35
Carbon Tetrachloride
Concen: 0.535 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

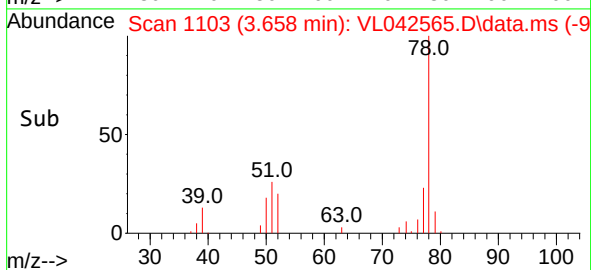
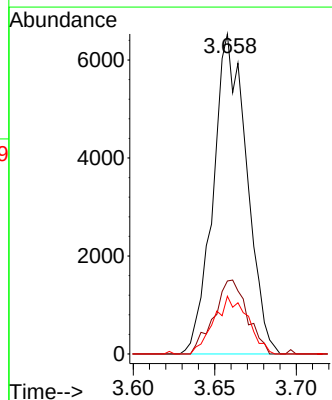
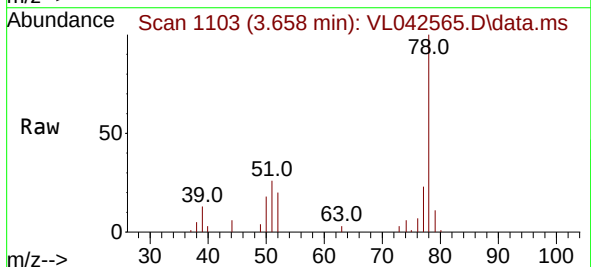
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

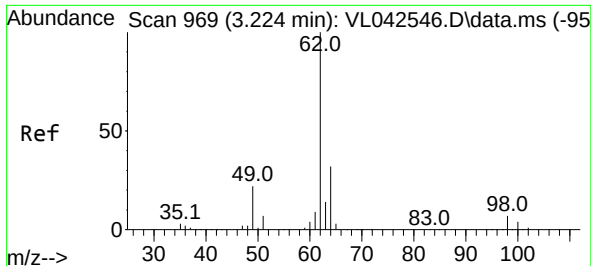
Tgt Ion:117 Resp: 12904
Ion Ratio Lower Upper
117 100
119 103.1 76.6 114.8
121 31.2 24.7 37.1



#36
Benzene
Concen: 0.365 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 78 Resp: 9327
Ion Ratio Lower Upper
78 100
77 22.8 17.8 26.6
50 18.0 14.0 21.0

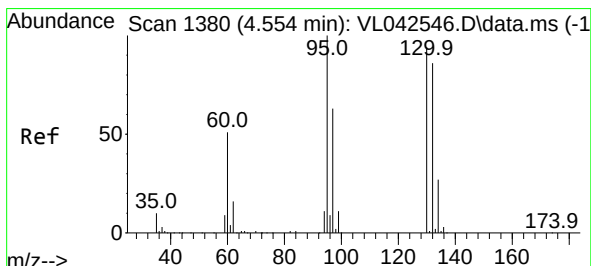
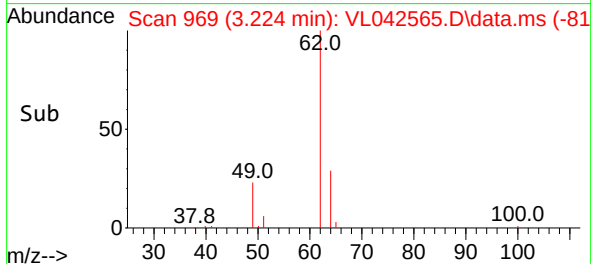
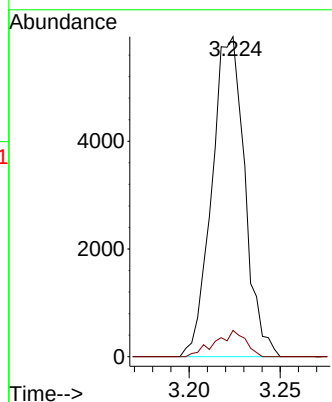
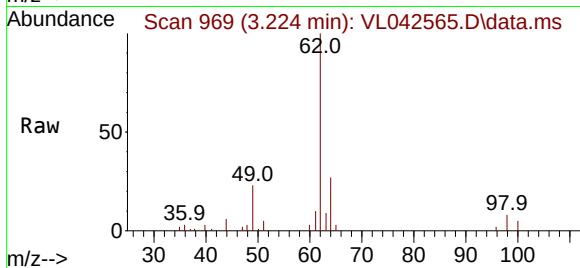




#37
1,2-Dichloroethane
Concen: 0.478 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

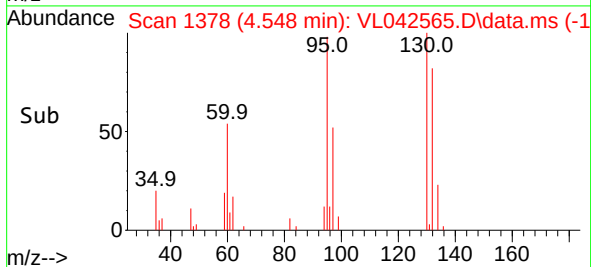
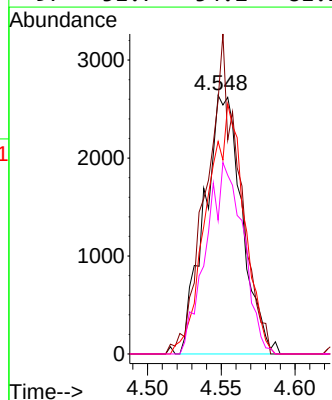
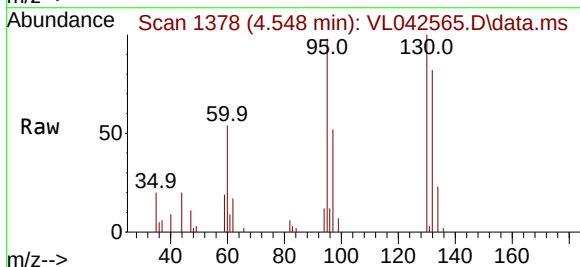
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

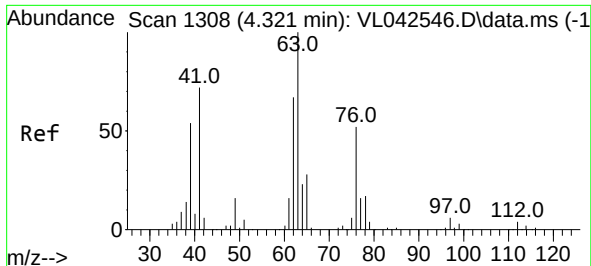
Tgt Ion: 62 Resp: 7448
Ion Ratio Lower Upper
62 100
98 7.5 5.5 8.3



#38
Trichloroethene
Concen: 0.402 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.007 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion:130 Resp: 4682
Ion Ratio Lower Upper
130 100
95 98.1 85.2 127.8
132 82.1 73.4 110.2
97 51.7 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 0.450 ppbv

RT: 4.318 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.45

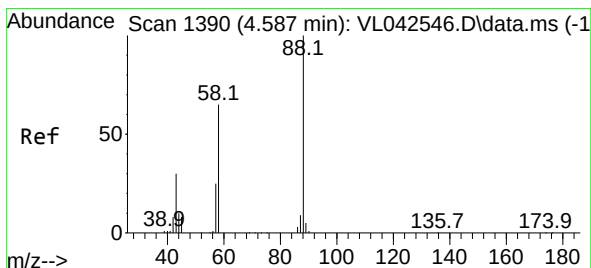
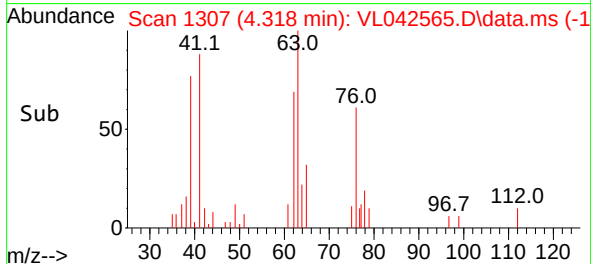
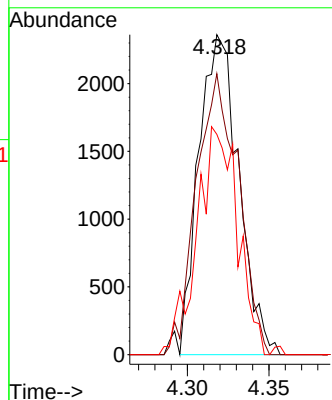
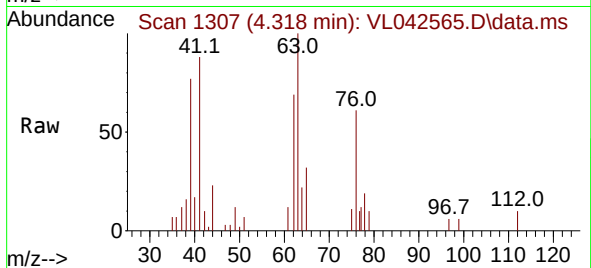
Tgt Ion: 63 Resp: 4031

Ion Ratio Lower Upper

63 100

41 87.8 58.0 87.0#

62 66.2 53.3 79.9



#40

1,4-Dioxane

Concen: 0.163 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. 0.016 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Tgt Ion: 88 Resp: 653

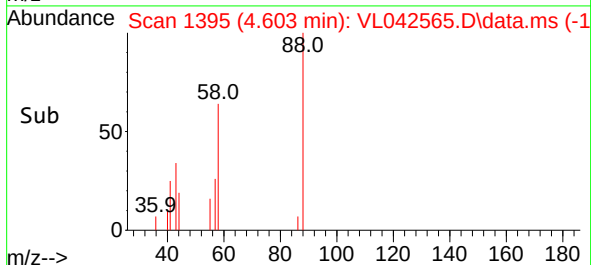
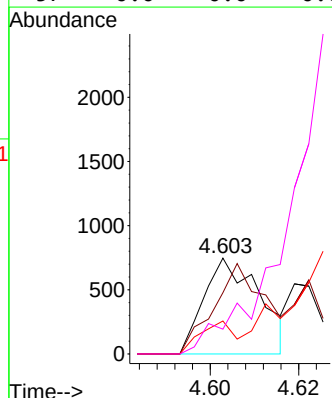
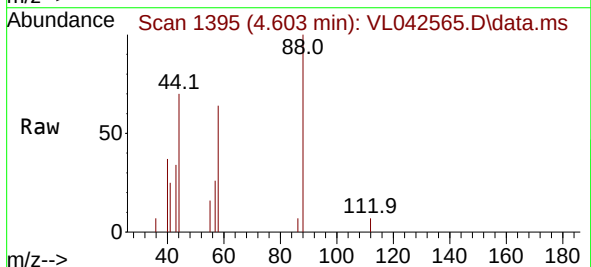
Ion Ratio Lower Upper

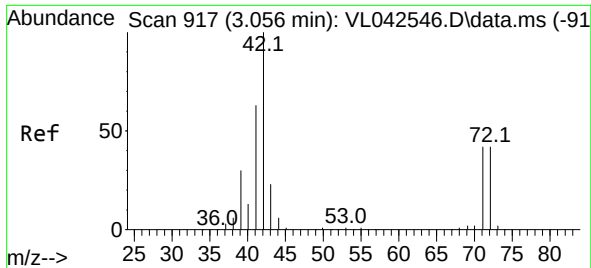
88 100

58 201.4 52.8 79.2#

43 0.0 23.0 34.4#

57 0.0 0.0 0.0

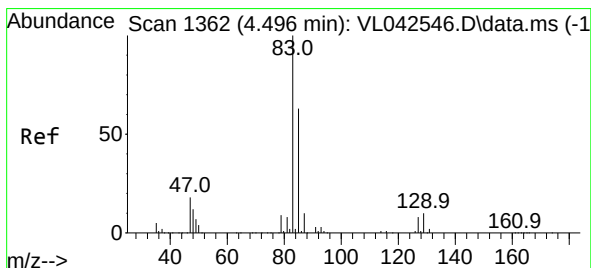
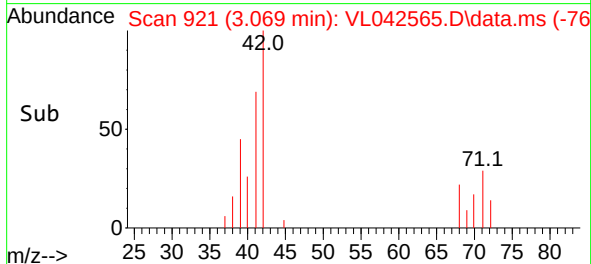
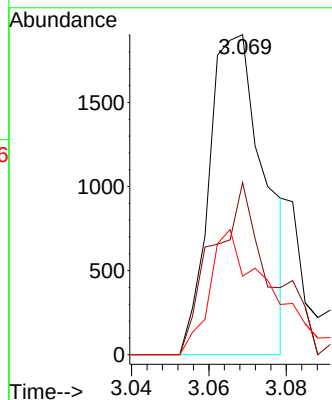
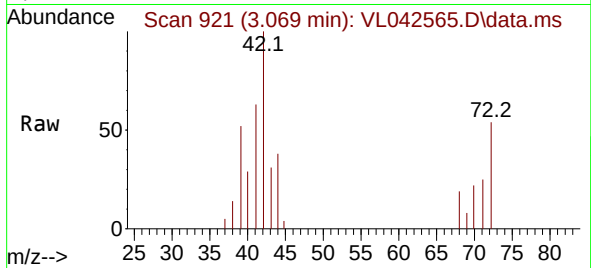




#41
Tetrahydrofuran
Concen: 0.231 ppbv
RT: 3.069 min Scan# 917
Delta R.T. 0.013 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

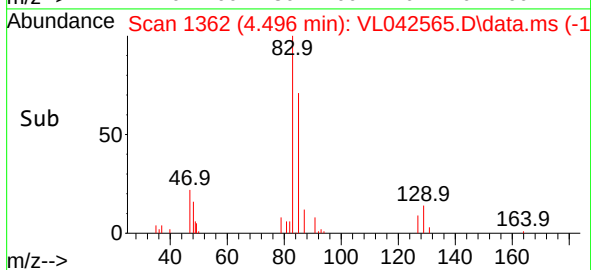
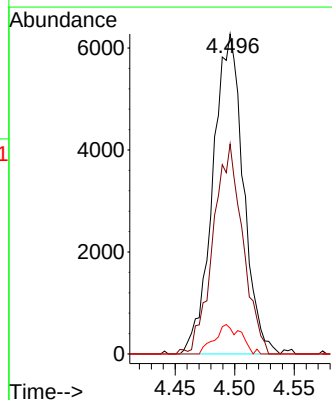
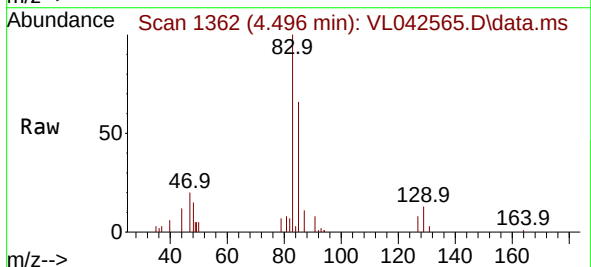
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

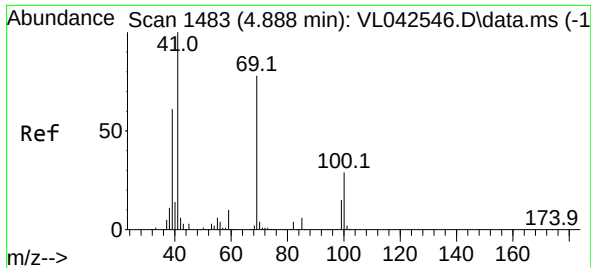
Tgt Ion: 42 Resp: 1886
Ion Ratio Lower Upper
42 100
72 57.9 34.8 52.2#
71 43.4 33.6 50.4



#42
Bromodichloromethane
Concen: 0.509 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 83 Resp: 11176
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6
127 8.1 6.5 9.7



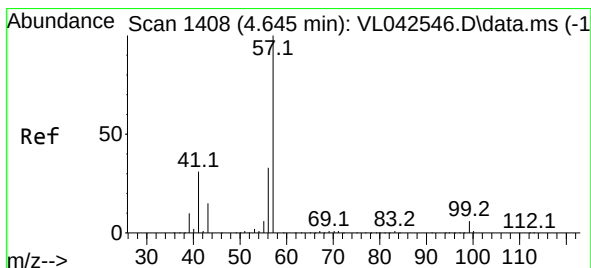
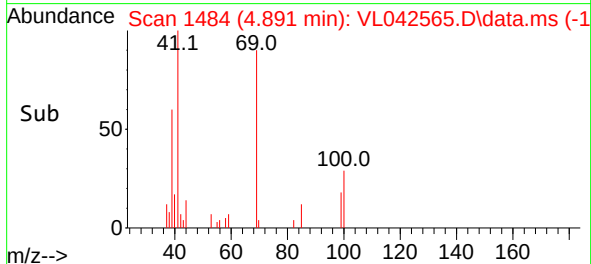
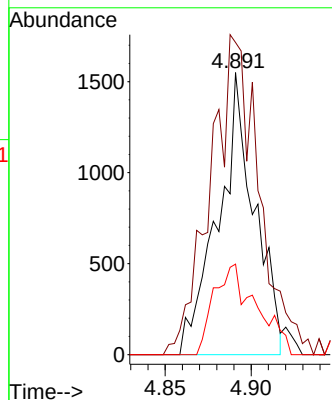
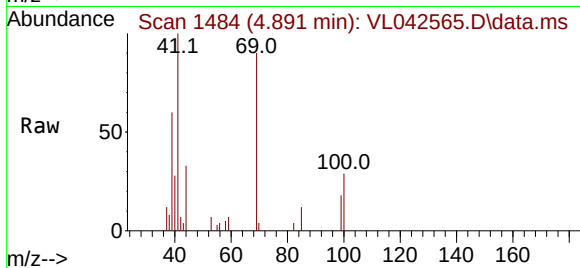


#43
Methyl Methacrylate
Concen: 0.263 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. 0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Instrument :
MSVOA_1
ClientSampleId :
MDL 0.45

Tgt Ion: 69 Resp: 2277

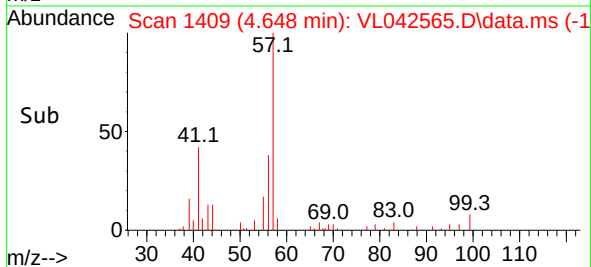
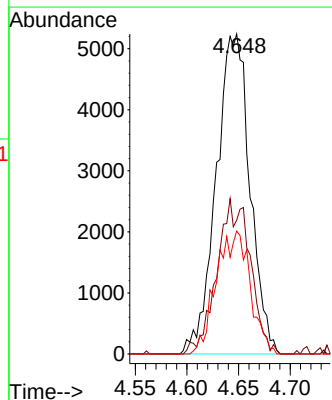
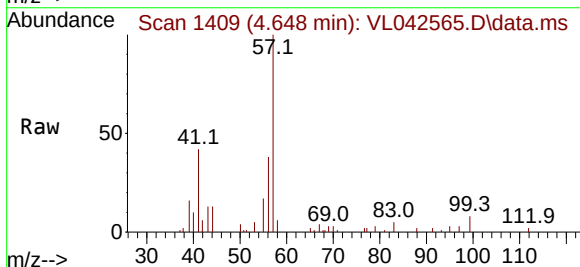
Ion	Ratio	Lower	Upper
69	100		
41	151.0	107.8	161.8
100	37.4	30.3	45.5

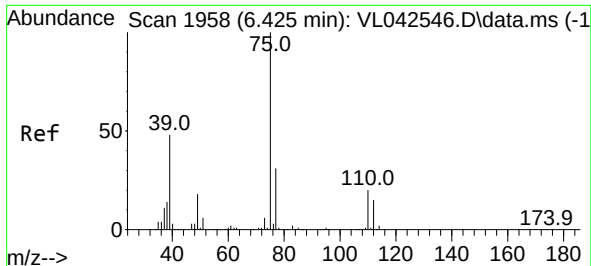


#44
2,2,4-Trimethylpentane
Concen: 0.304 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 57 Resp: 11914

Ion	Ratio	Lower	Upper
57	100		
41	47.9	25.0	37.4#
56	38.6	25.1	37.7#





#45

t-1,3-Dichloropropene

Concen: 0.124 ppbv

RT: 6.425 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

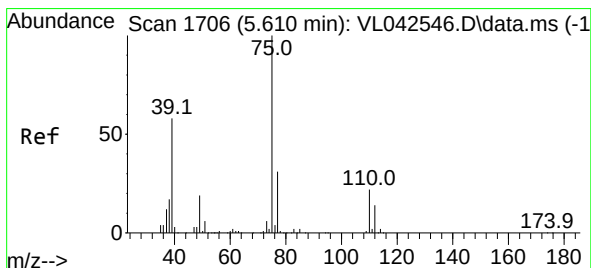
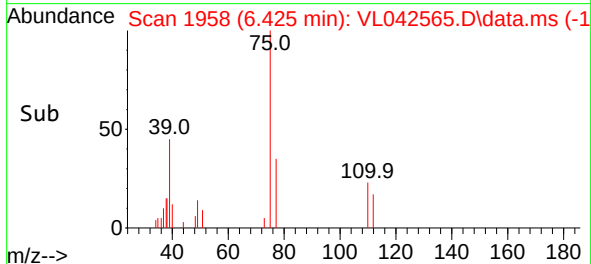
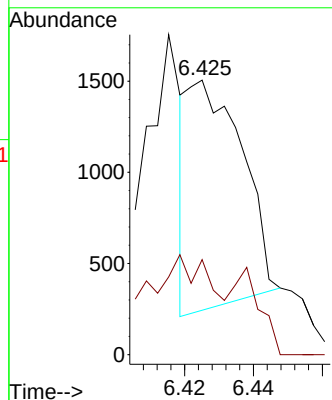
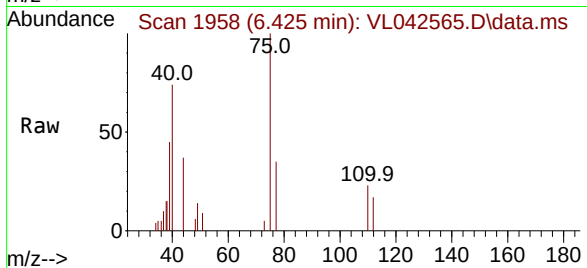
MDL 0.45

Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

77 34.6 24.6 37.0



#46

cis-1,3-Dichloropropene

Concen: 0.117 ppbv

RT: 5.616 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

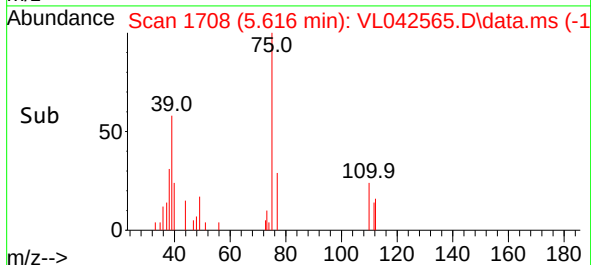
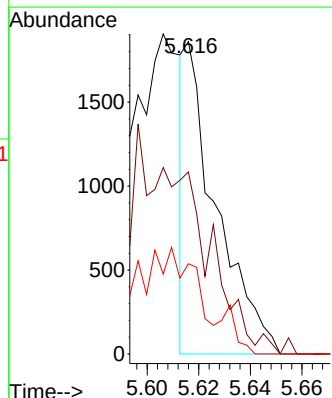
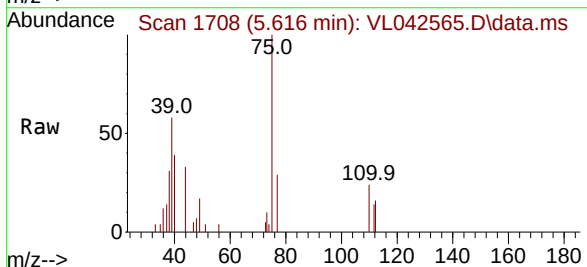
Tgt Ion: 75 Resp: 1571

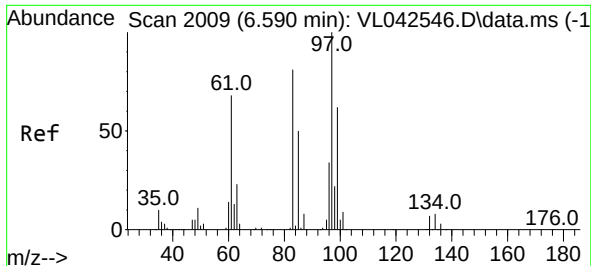
Ion Ratio Lower Upper

75 100

39 58.3 46.3 69.5

77 28.9 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 0.196 ppbv

RT: 6.580 min Scan# 2009

Delta R.T. -0.010 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.45

Tgt Ion: 97 Resp: 2098

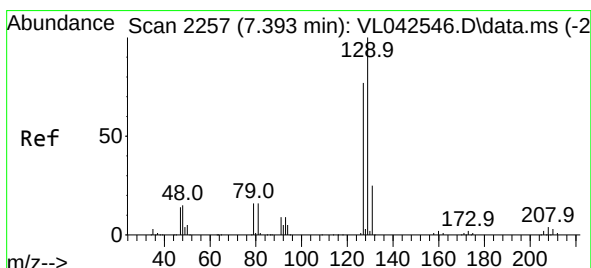
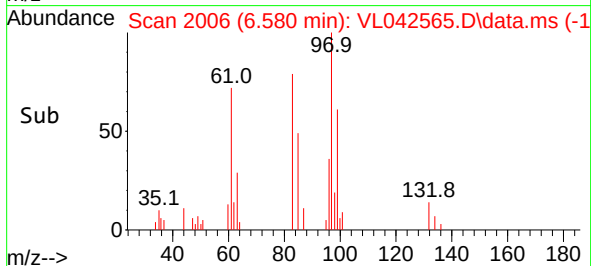
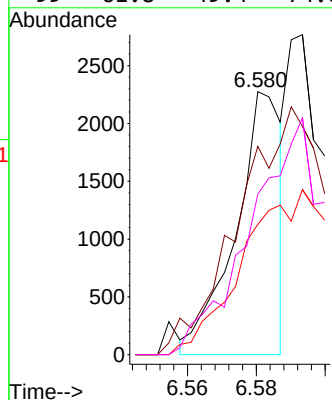
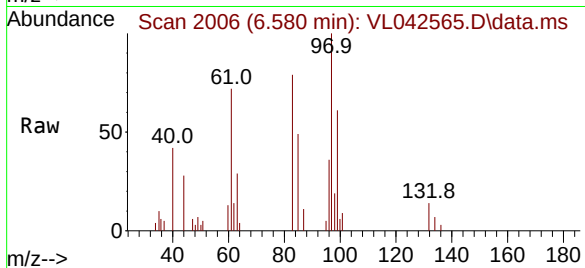
Ion Ratio Lower Upper

97 100

83 69.2 65.0 97.4

85 48.3 39.9 59.9

99 61.8 49.4 74.0



#48

Dibromochloromethane

Concen: 0.250 ppbv

RT: 7.390 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VL042565.D

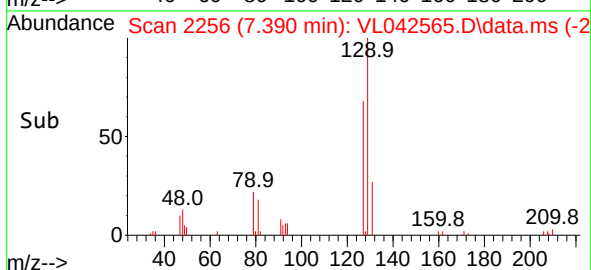
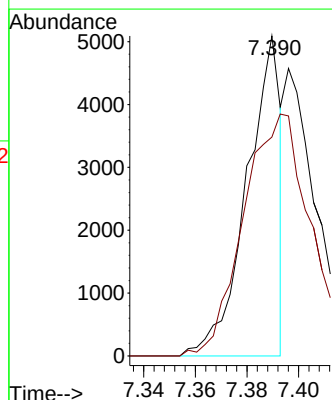
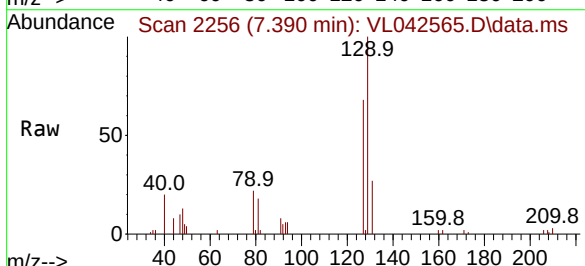
Acq: 21 May 2025 14:46

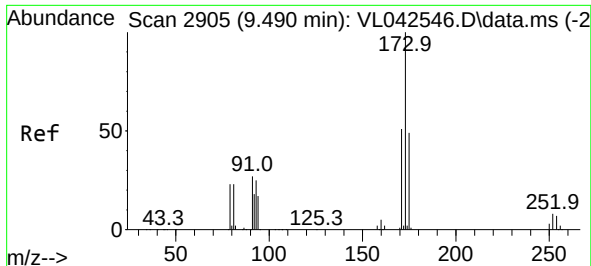
Tgt Ion: 129 Resp: 4649

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#





#49

Bromoform

Concen: 0.430 ppbv

RT: 9.487 min Scan# 2904

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.45

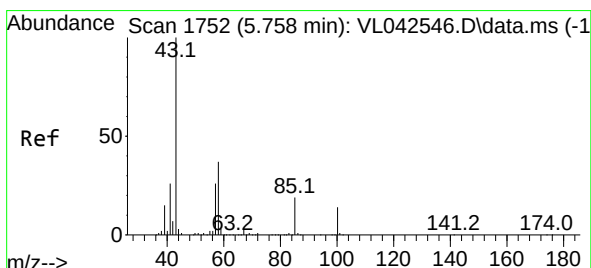
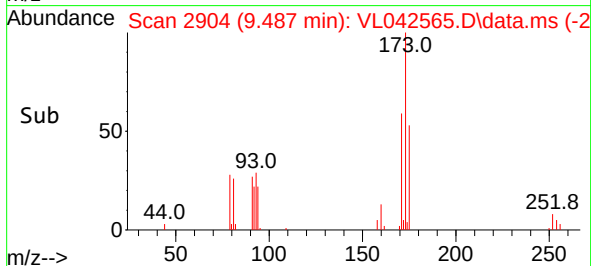
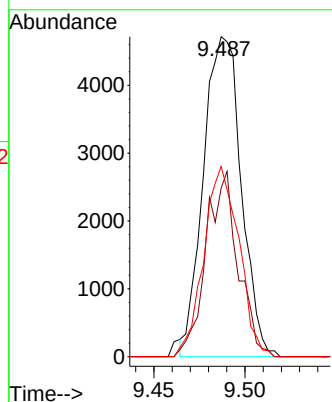
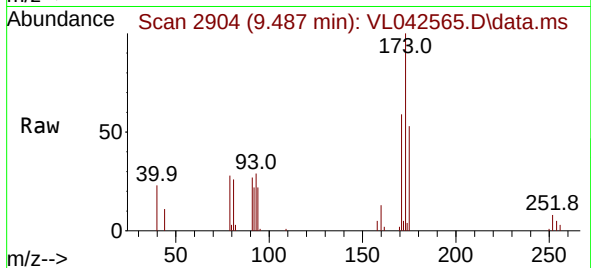
Tgt Ion:173 Resp: 6815

Ion Ratio Lower Upper

173 100

175 49.1 39.2 58.8

171 55.1 41.9 62.9



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

RT: 5.742 min Scan# 1747

Delta R.T. -0.016 min

Lab File: VL042565.D

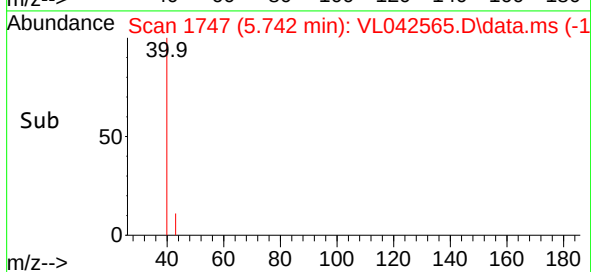
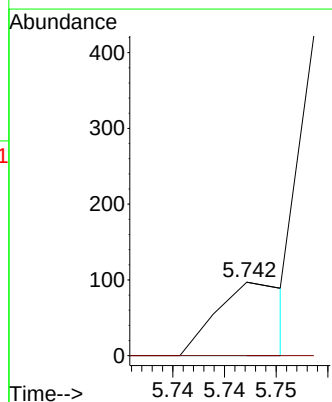
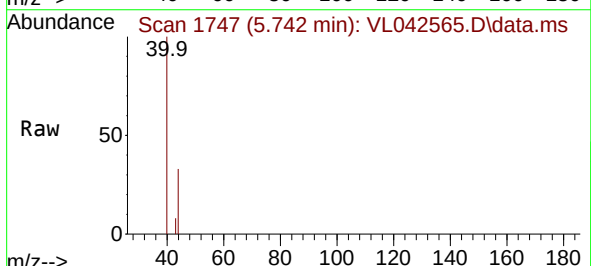
Acq: 21 May 2025 14:46

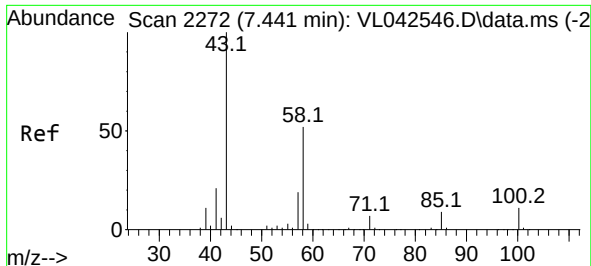
Tgt Ion: 43 Resp: 47

Ion Ratio Lower Upper

43 100

58 0.0 30.0 45.0#

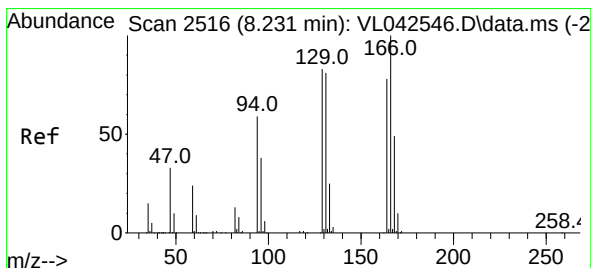
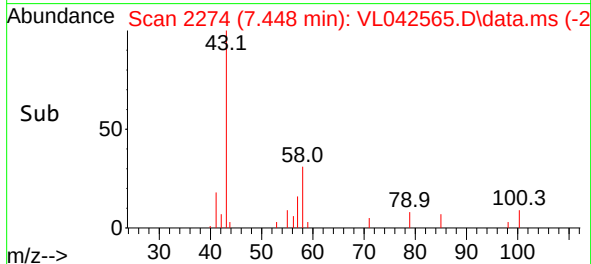
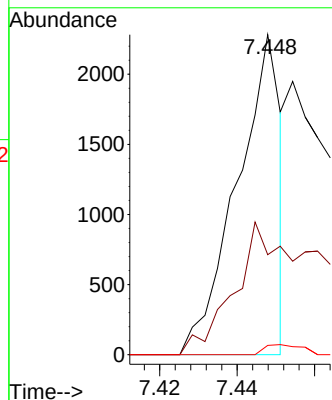
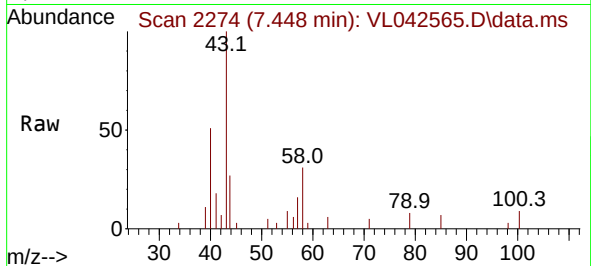




#51
2-Hexanone
Concen: 0.121 ppbv
RT: 7.448 min Scan# 2179
Delta R.T. 0.006 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

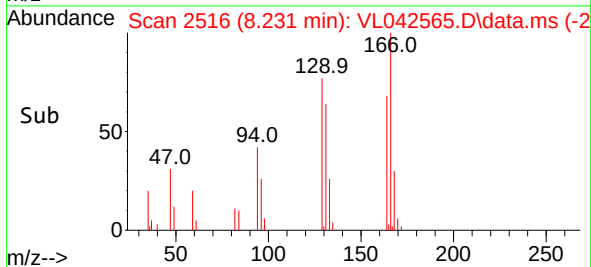
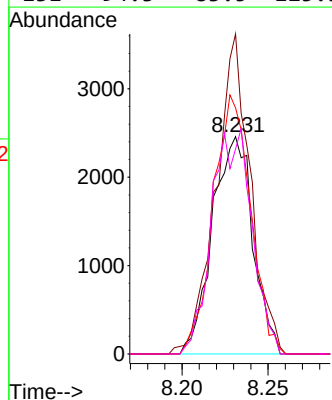
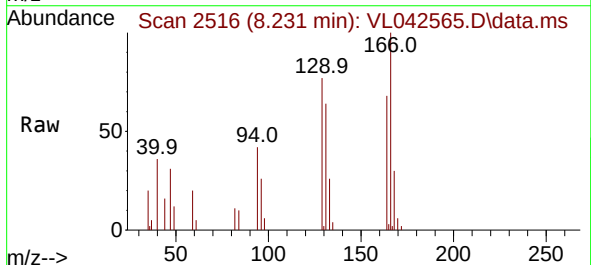
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

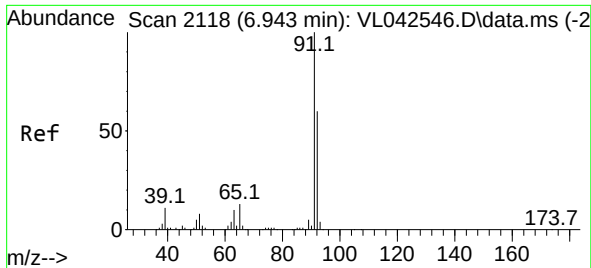
Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
58 89.2 41.4 62.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.402 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 164 Resp: 3998
Ion Ratio Lower Upper
164 100
166 144.3 103.1 154.7
129 113.3 85.3 127.9
131 94.3 83.5 125.3

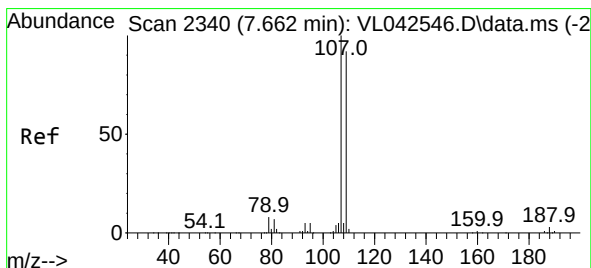
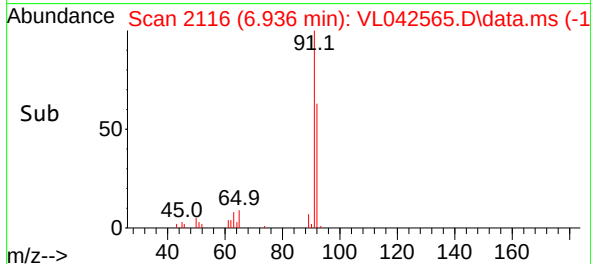
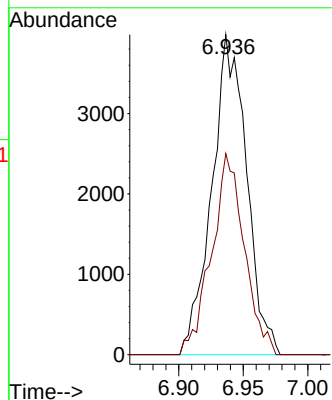
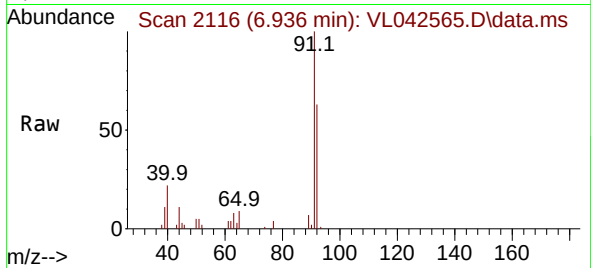




#53
Toluene
Concen: 0.273 ppbv
RT: 6.936 min Scan# 2118
Delta R.T. -0.007 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

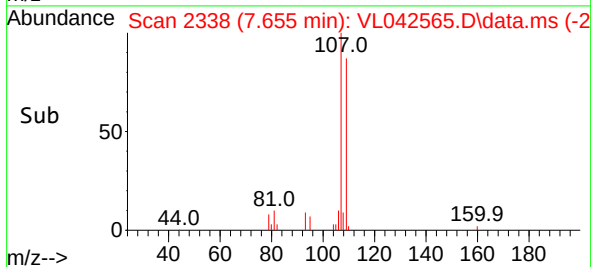
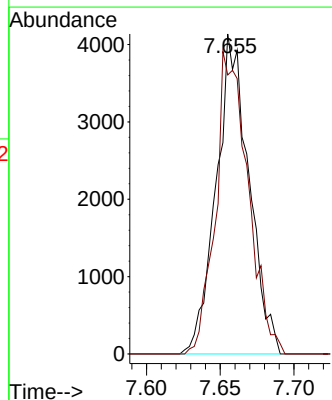
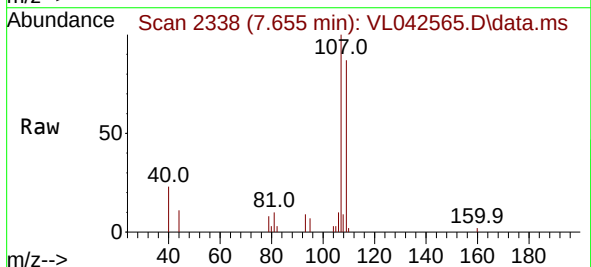
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

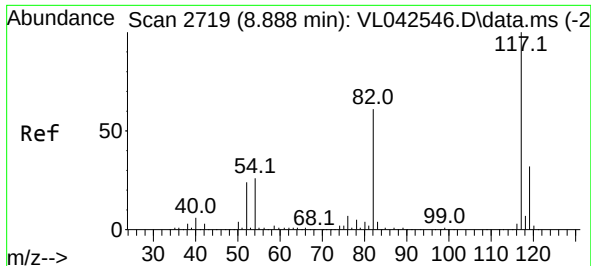
Tgt Ion: 91 Resp: 7456
Ion Ratio Lower Upper
91 100
92 59.3 47.8 71.8



#54
1,2-Dibromoethane
Concen: 0.408 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.007 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 107 Resp: 6377
Ion Ratio Lower Upper
107 100
109 87.2 73.4 110.2

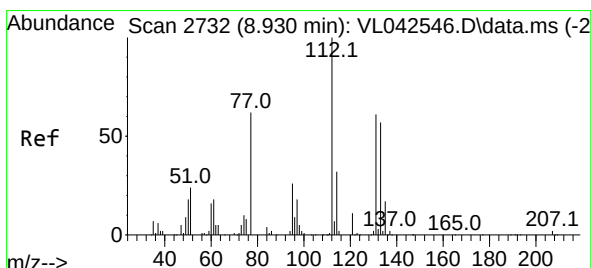
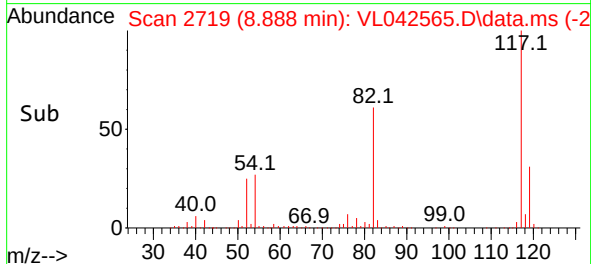
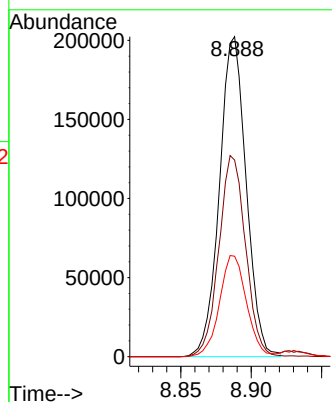
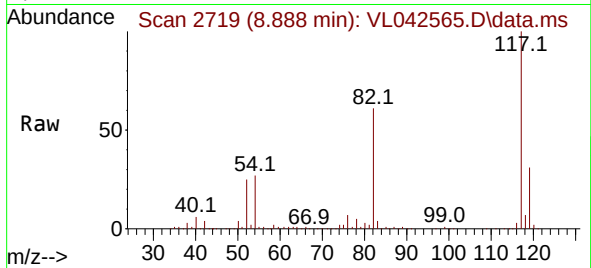




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

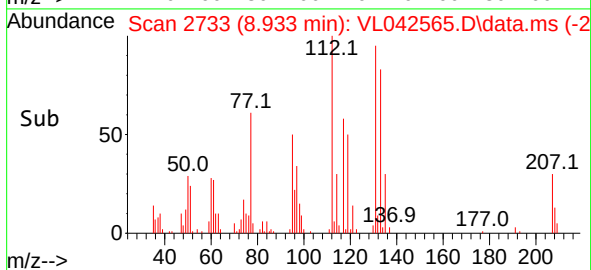
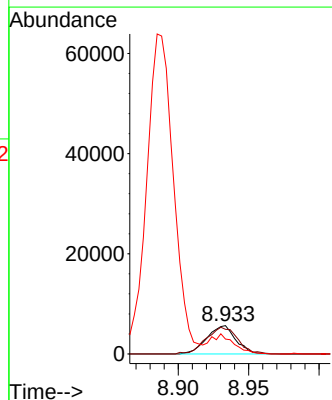
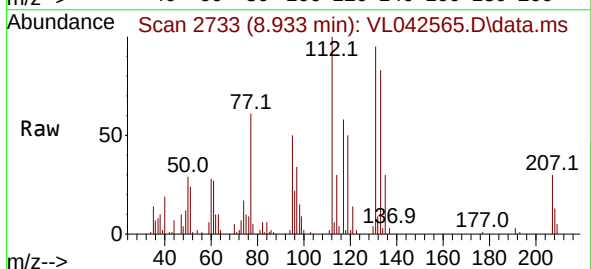
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

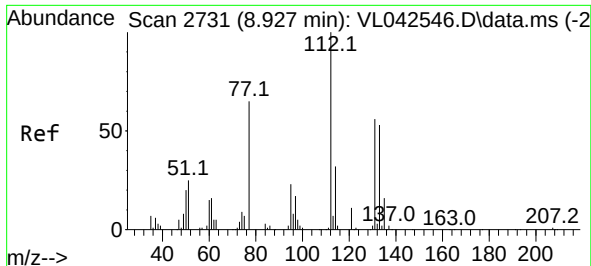
Tgt Ion:117 Resp: 267681
Ion Ratio Lower Upper
117 100
82 62.9 51.0 76.4
119 33.7 27.0 40.4



#56
1,1,1,2-Tetrachloroethane
Concen: 0.566 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion:131 Resp: 8082
Ion Ratio Lower Upper
131 100
133 102.8 76.3 114.5
119 1114.9 47.5 71.3#





#57

Chlorobenzene

Concen: 0.520 ppbv

RT: 8.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

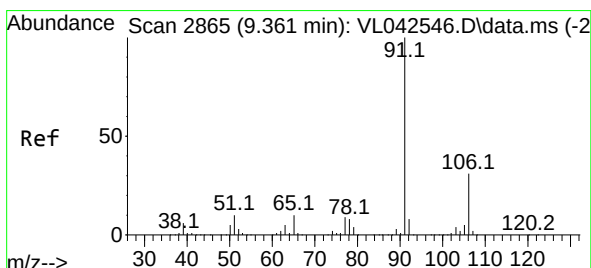
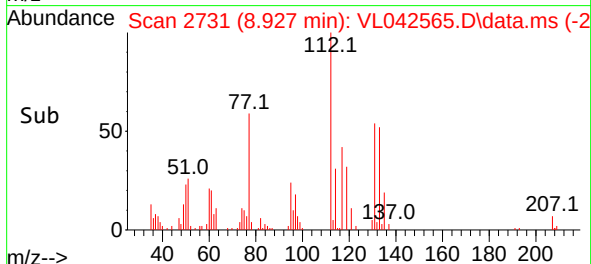
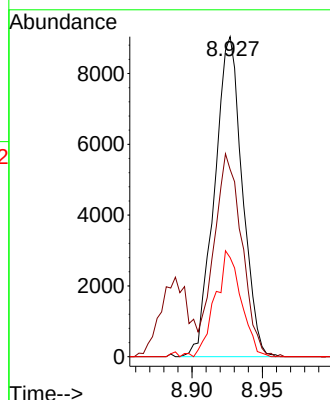
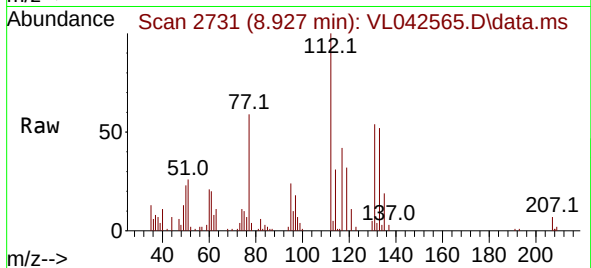
Instrument :

MSVOA_L

ClientSampleId :

MDL 0.45

Tgt Ion:112	Resp:	12406
Ion	Ratio	Lower Upper
112	100	
77	57.9	53.2 79.8
114	31.0	28.4 34.8



#58

Ethyl Benzene

Concen: 0.267 ppbv

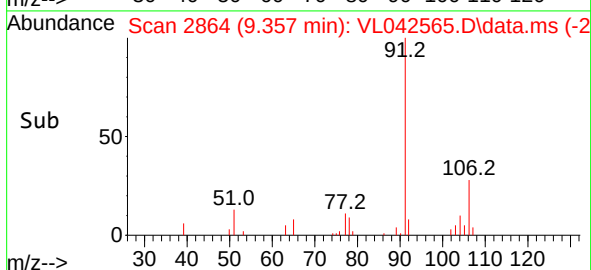
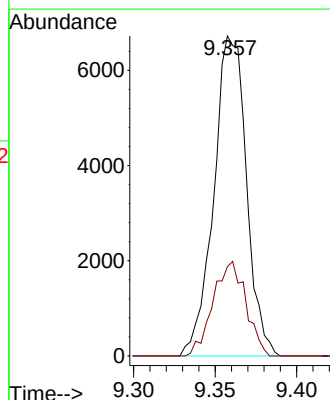
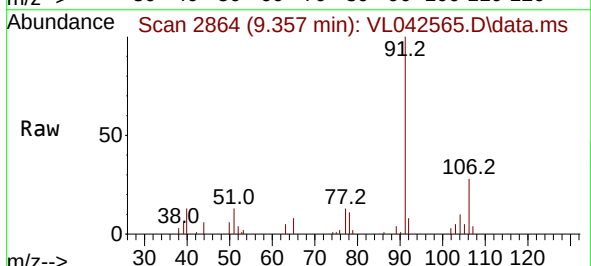
RT: 9.357 min Scan# 2864

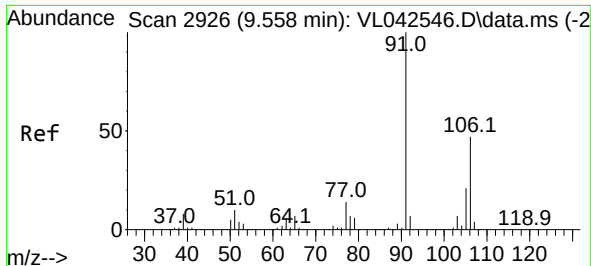
Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Tgt Ion: 91	Resp:	9359
Ion	Ratio	Lower Upper
91	100	
106	27.9	24.6 37.0





#59

m/p-Xylene

Concen: 0.252 ppbv

RT: 9.555 min Scan# 2926

Delta R.T. -0.003 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

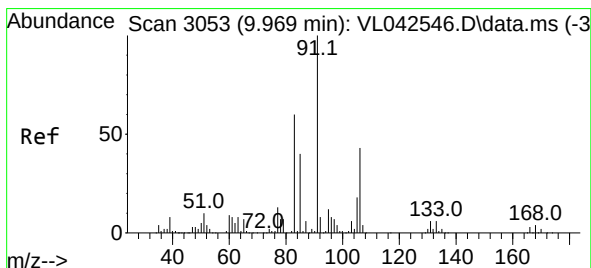
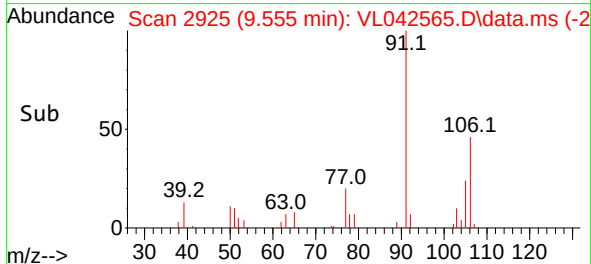
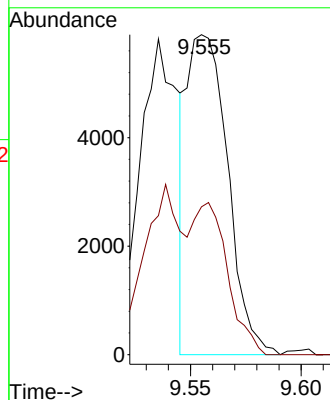
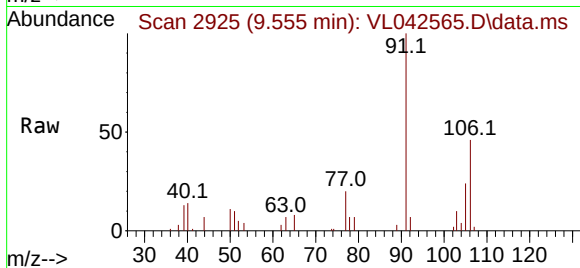
MDL 0.45

Tgt Ion: 91 Resp: 7540

Ion Ratio Lower Upper

91 100

106 0.0 37.1 55.7#



#60

o-Xylene

Concen: 0.254 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL042565.D

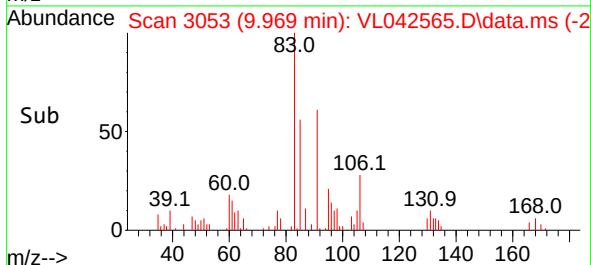
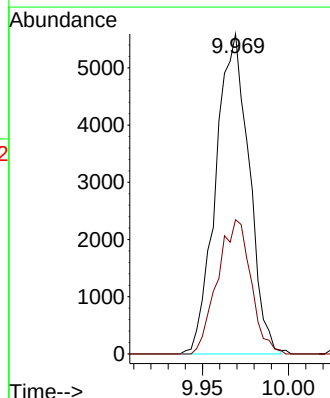
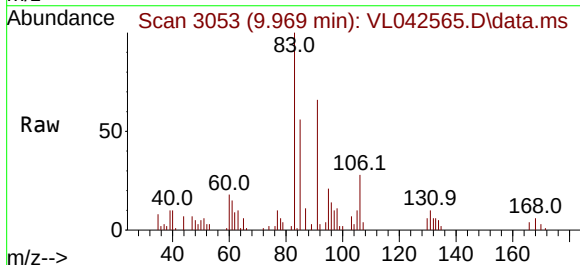
Acq: 21 May 2025 14:46

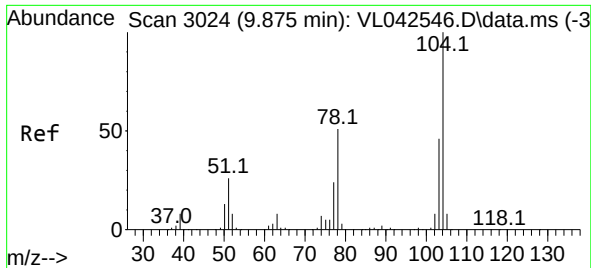
Tgt Ion: 91 Resp: 7519

Ion Ratio Lower Upper

91 100

106 42.0 21.6 64.8





#61

Styrene

Concen: 0.238 ppbv

RT: 9.875 min Scan# 3024

Delta R.T. -0.000 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.45

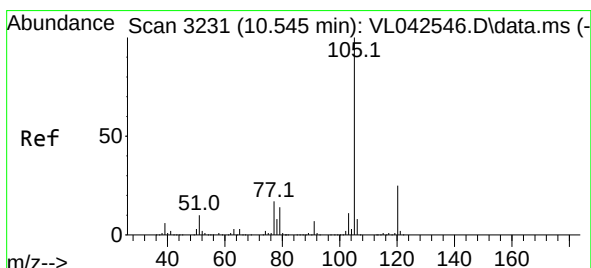
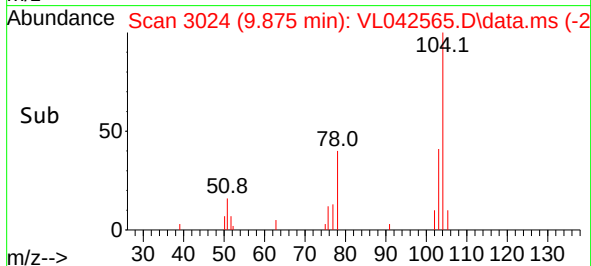
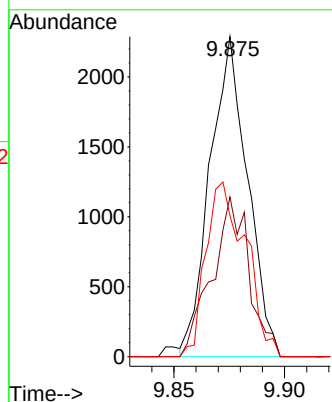
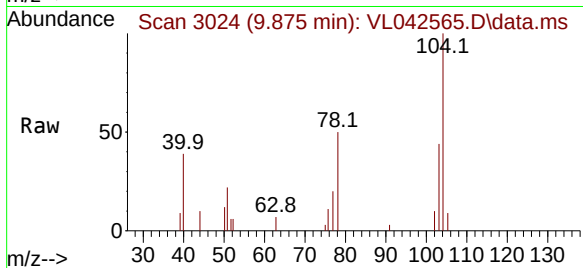
Tgt Ion:104 Resp: 2708

Ion Ratio Lower Upper

104 100

78 49.3 39.2 58.8

103 57.9 37.1 55.7#



#62

Isopropylbenzene

Concen: 0.309 ppbv

RT: 10.545 min Scan# 3231

Delta R.T. -0.000 min

Lab File: VL042565.D

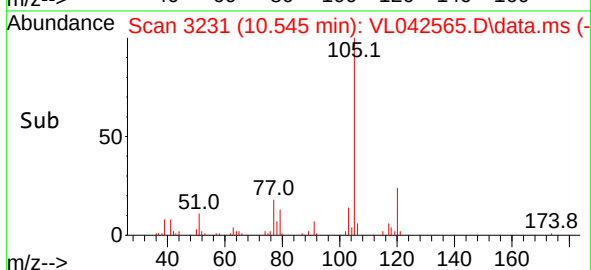
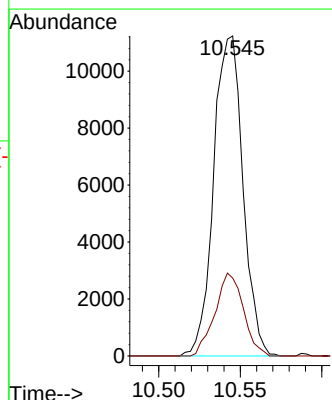
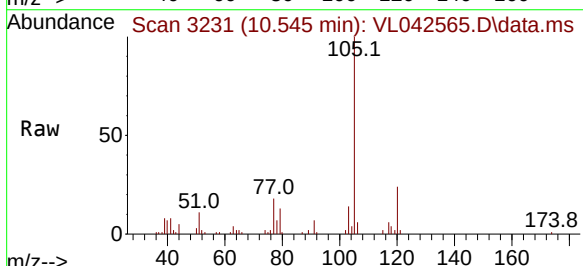
Acq: 21 May 2025 14:46

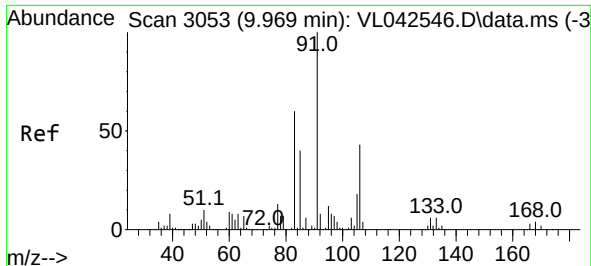
Tgt Ion:105 Resp: 14030

Ion Ratio Lower Upper

105 100

120 25.1 20.0 30.0





#63

1,1,2,2-Tetrachloroethane

Concen: 0.521 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.45

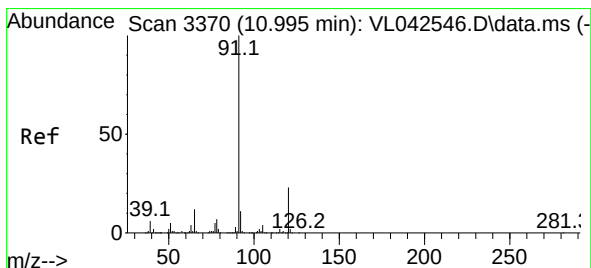
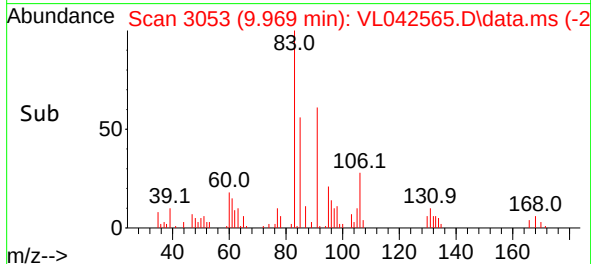
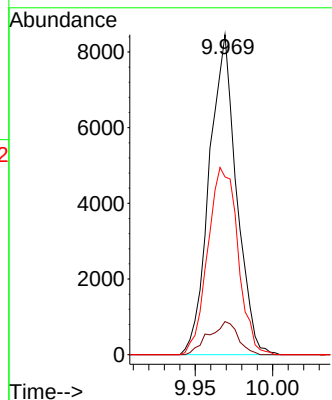
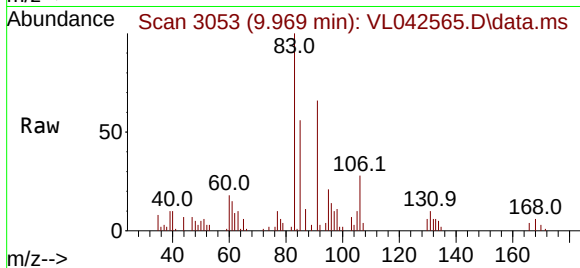
Tgt Ion: 83 Resp: 10327

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

85 64.9 32.5 97.4



#64

n-propylbenzene

Concen: 0.268 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. -0.003 min

Lab File: VL042565.D

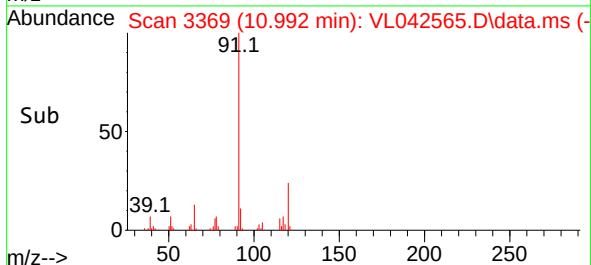
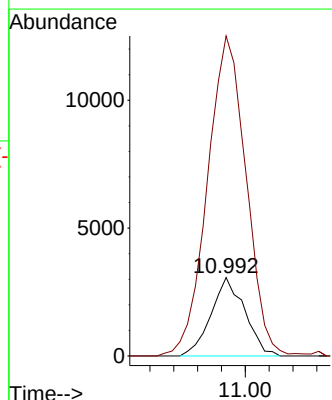
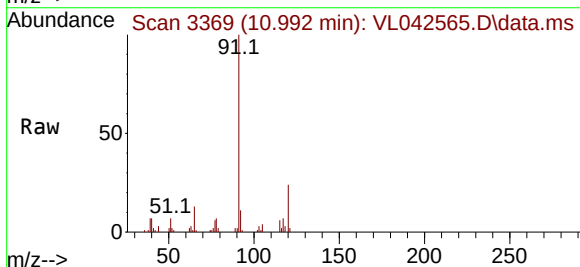
Acq: 21 May 2025 14:46

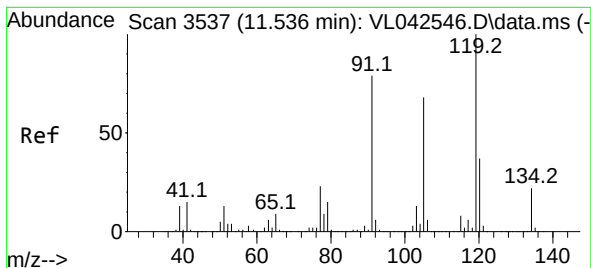
Tgt Ion: 120 Resp: 3024

Ion Ratio Lower Upper

120 100

91 470.2 367.0 550.4





#65

tert-Butylbenzene

Concen: 0.239 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.45

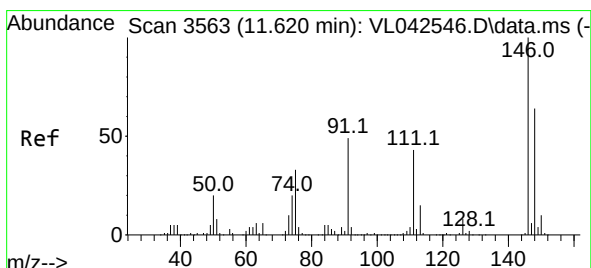
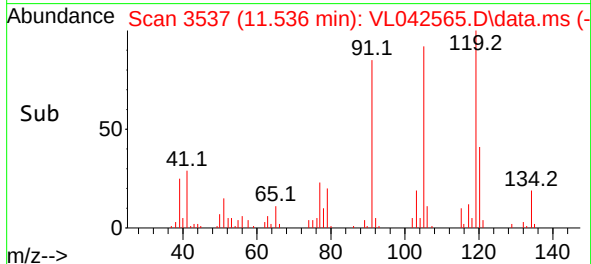
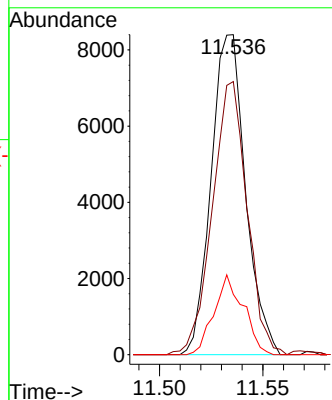
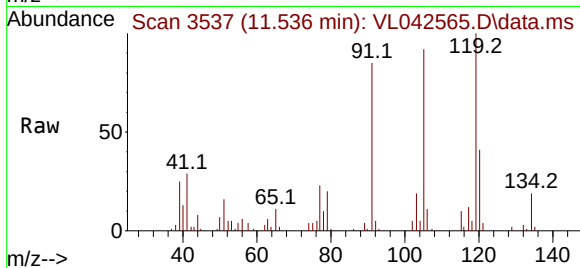
Tgt Ion:119 Resp: 9745

Ion Ratio Lower Upper

119 100

91 86.6 62.7 94.1

134 21.2 16.8 25.2



#66

Benzyl Chloride

Concen: 0.347 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.000 min

Lab File: VL042565.D

Acq: 21 May 2025 14:46

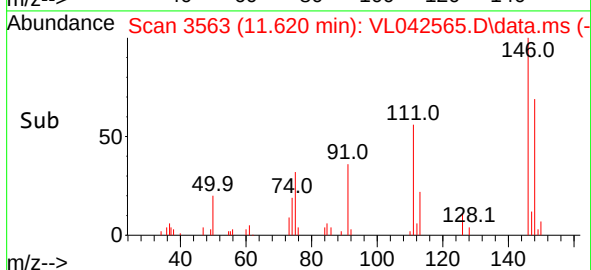
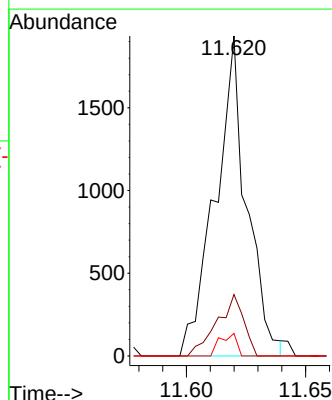
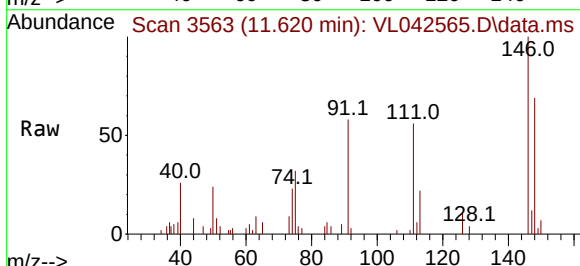
Tgt Ion: 91 Resp: 1770

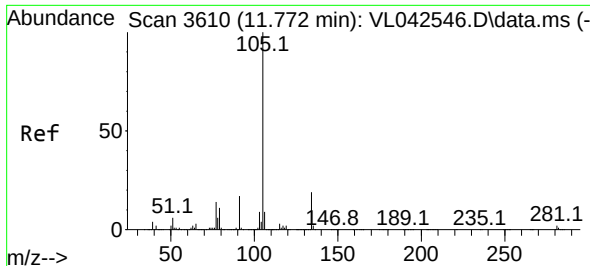
Ion Ratio Lower Upper

91 100

126 16.4 14.2 21.2

128 3.7 4.6 6.8#

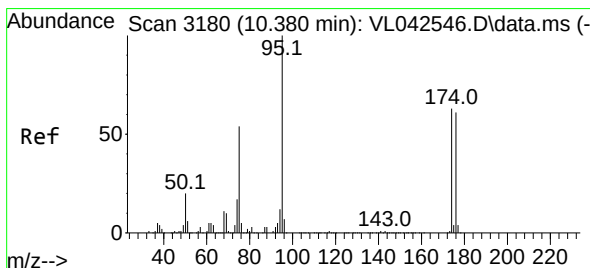
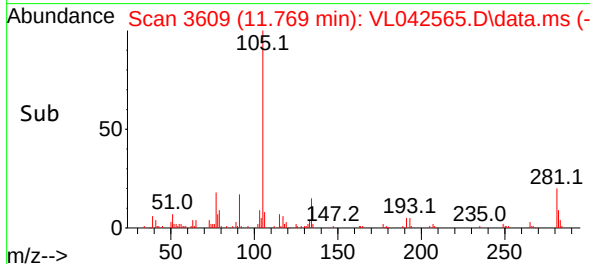
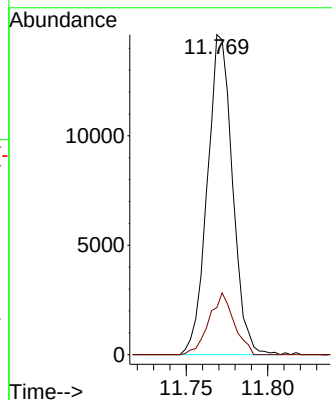
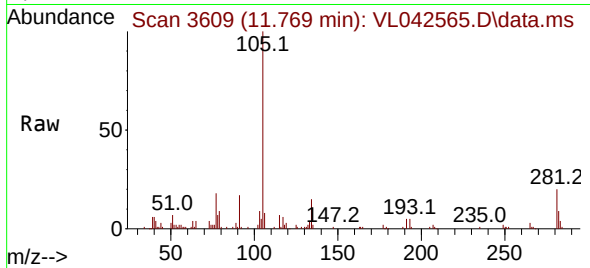




#67
 sec-Butylbenzene
 Concen: 0.273 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

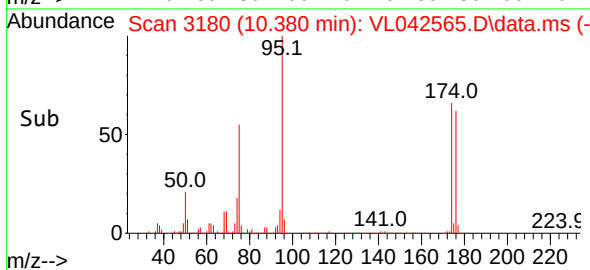
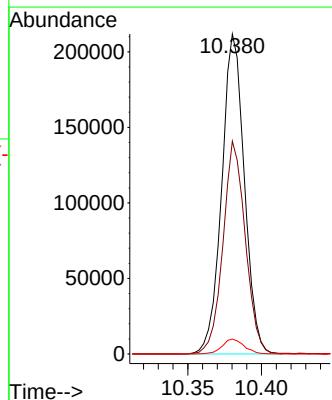
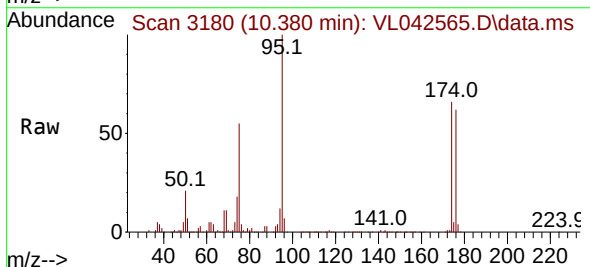
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

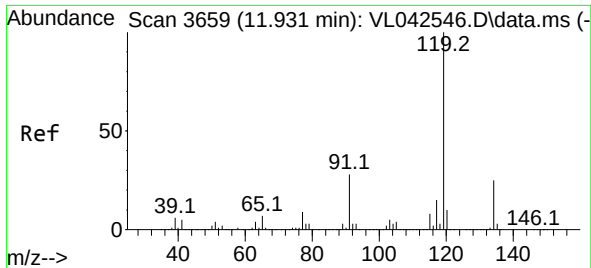
Tgt Ion:105 Resp: 15695
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.536 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion: 95 Resp: 225710
 Ion Ratio Lower Upper
 95 100
 174 66.2 52.0 78.0
 175 4.6 3.8 5.6

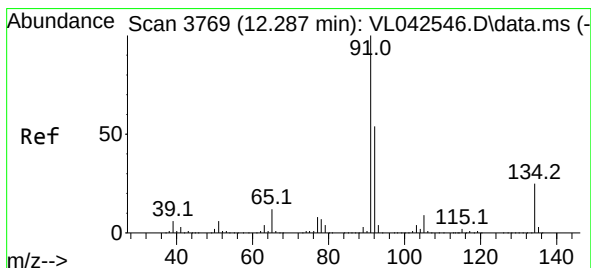
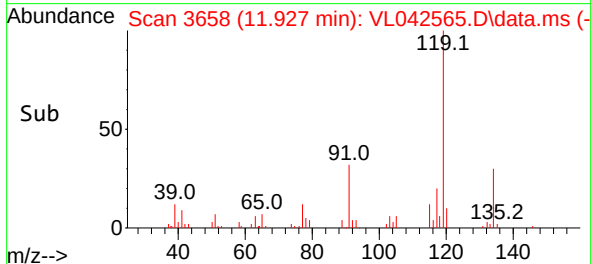
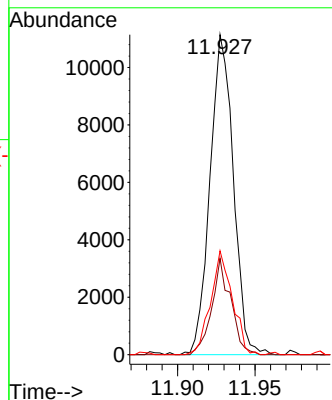
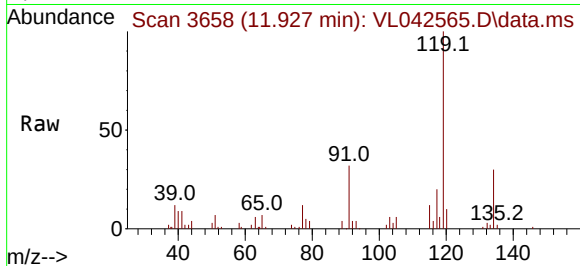




#69
 p-Isopropyltoluene
 Concen: 0.246 ppbv
 RT: 11.927 min Scan# 3658
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

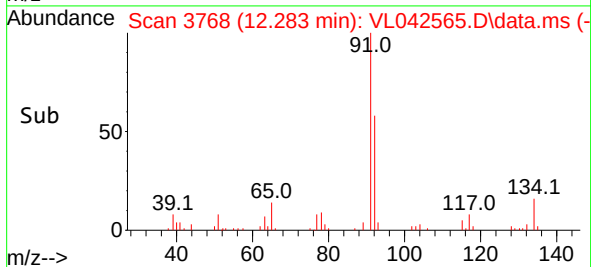
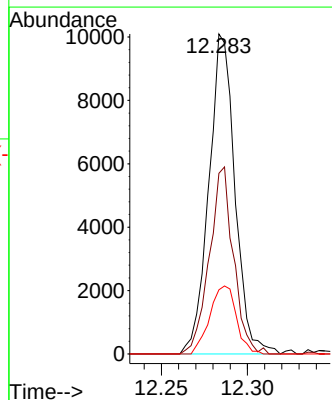
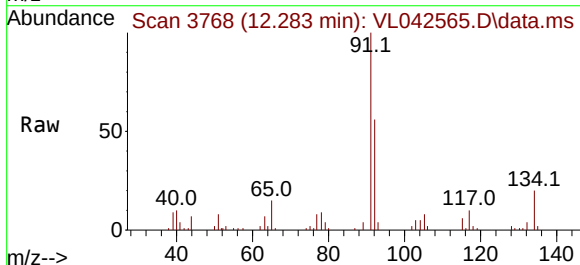
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

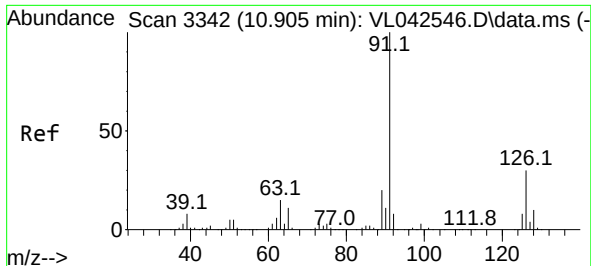
Tgt Ion:	119	Resp:	11681
Ion	Ratio	Lower	Upper
119	100		
134	24.5	20.1	30.1
91	30.5	22.3	33.5



#70
 n-Butylbenzene
 Concen: 0.237 ppbv
 RT: 12.283 min Scan# 3768
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion:	91	Resp:	10654
Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.8	65.6
134	21.7	19.7	29.5

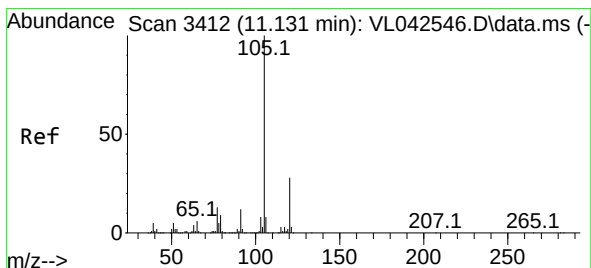
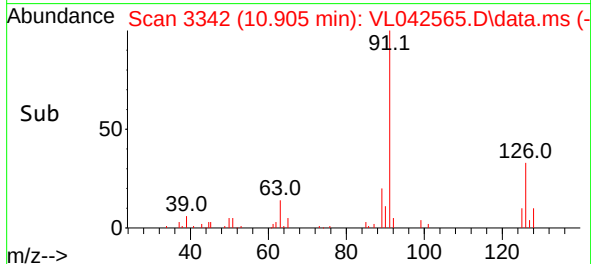
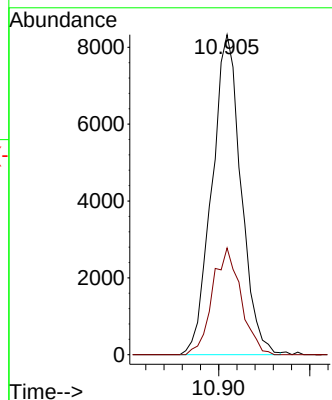
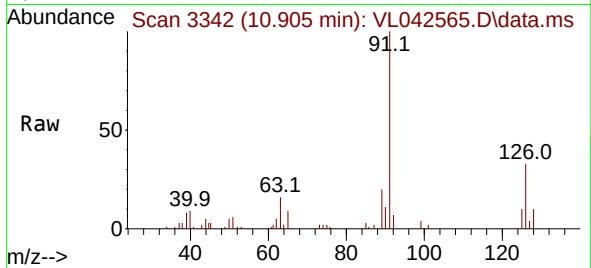




#71
2-Chlorotoluene
Concen: 0.283 ppbv
RT: 10.905 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

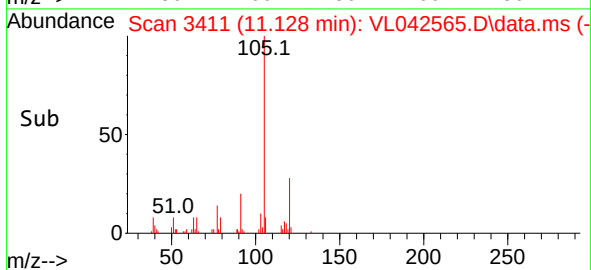
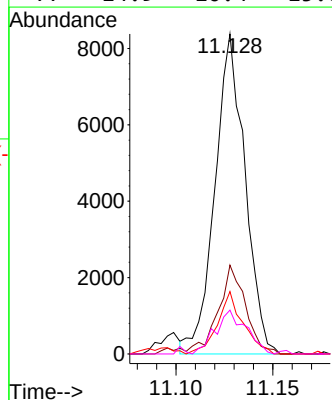
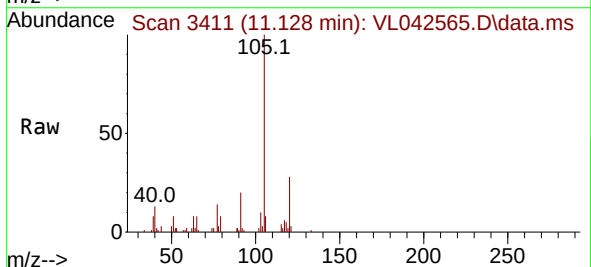
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

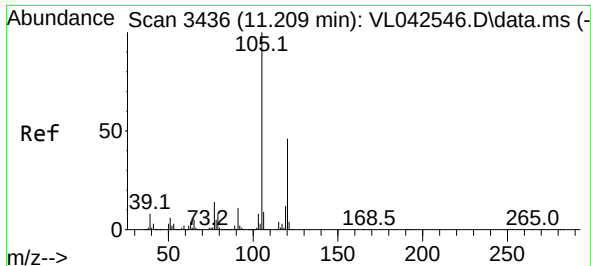
Tgt Ion: 91 Resp: 9226
Ion Ratio Lower Upper
91 100
126 32.7 12.4 49.4



#72
4-Ethyltoluene
Concen: 0.247 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion: 105 Resp: 9050
Ion Ratio Lower Upper
105 100
120 26.4 23.4 35.0
91 18.4 10.2 15.4#
77 14.9 10.4 15.6

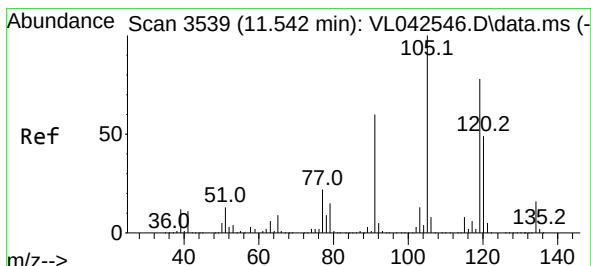
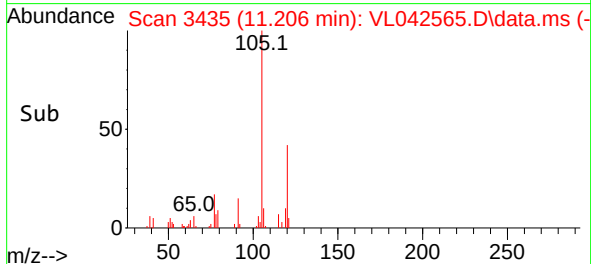
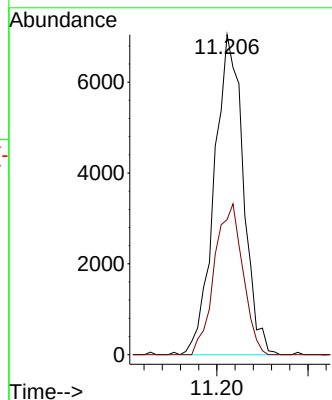
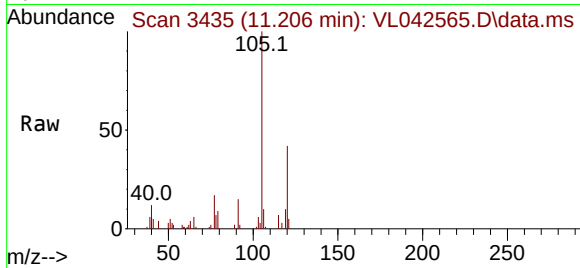




#73
 1,3,5-Trimethylbenzene
 Concen: 0.246 ppbv
 RT: 11.206 min Scan# 3436
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

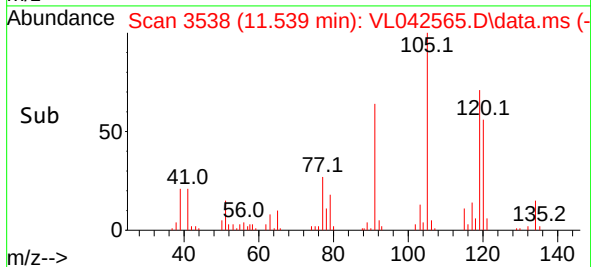
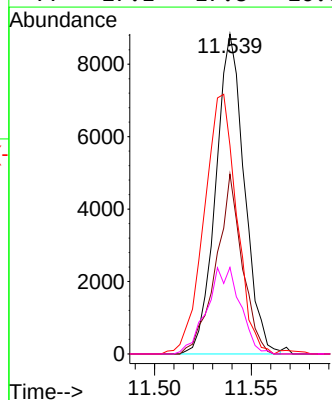
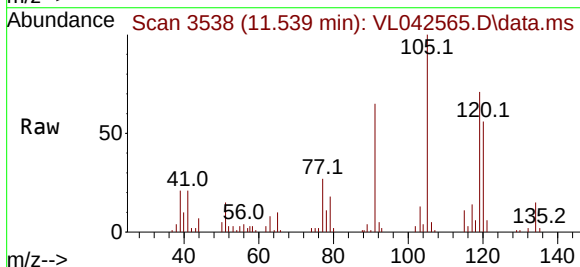
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45

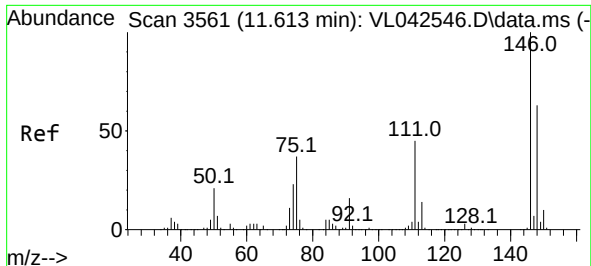
Tgt Ion:105 Resp: 7783
 Ion Ratio Lower Upper
 105 100
 120 42.2 36.5 54.7



#74
 1,2,4-Trimethylbenzene
 Concen: 0.237 ppbv
 RT: 11.539 min Scan# 3538
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Tgt Ion:105 Resp: 9065
 Ion Ratio Lower Upper
 105 100
 120 56.2 39.4 59.0
 91 64.2 47.8 71.8
 77 27.1 17.8 26.6#

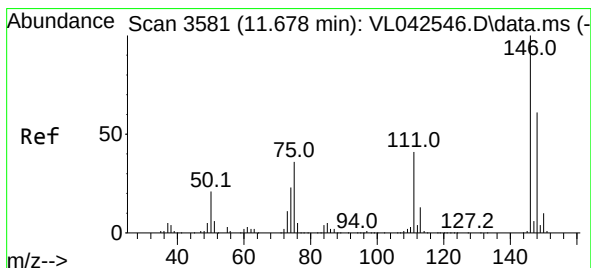
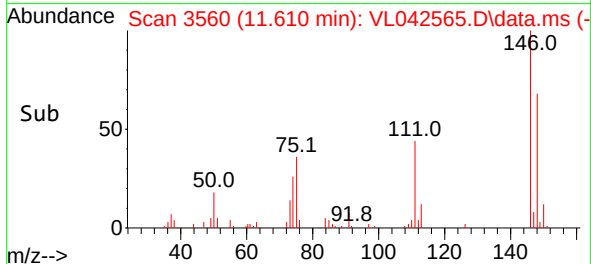
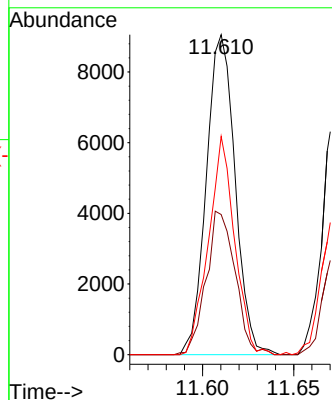
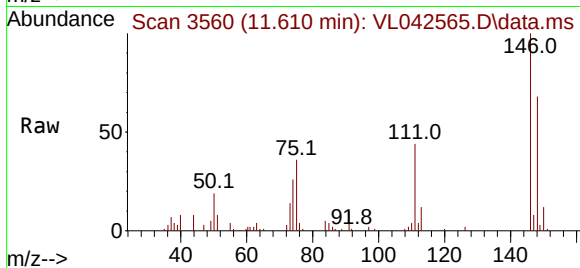




#75
1,3-Dichlorobenzene
Concen: 0.422 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

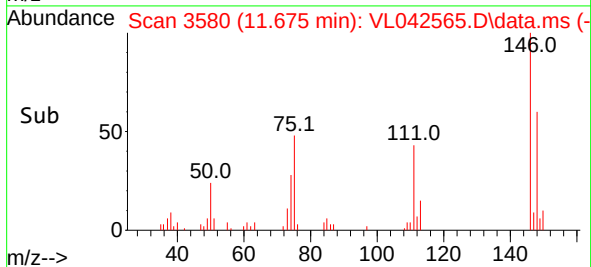
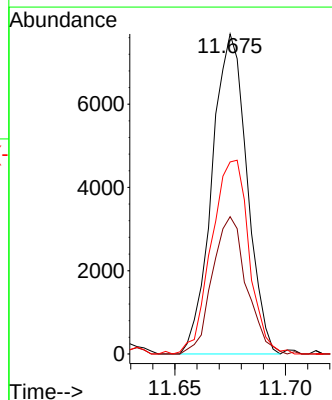
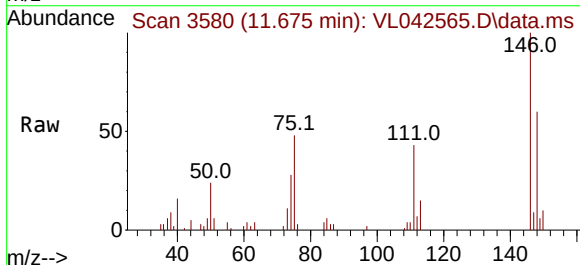
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

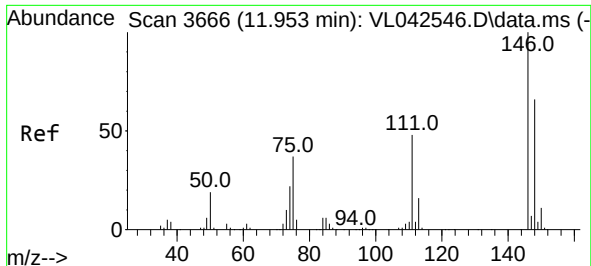
Tgt Ion:146 Resp: 9952
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.4
148 62.1 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 0.369 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion:146 Resp: 8436
Ion Ratio Lower Upper
146 100
111 42.2 21.8 65.3
148 65.0 31.4 94.3

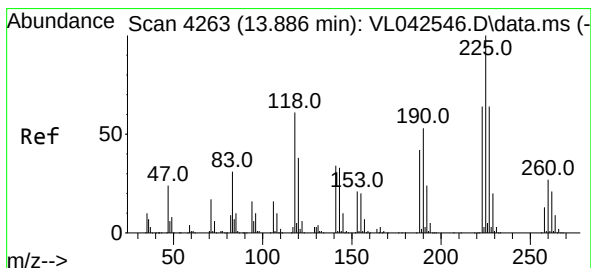
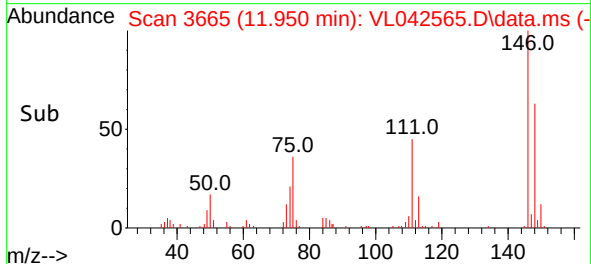
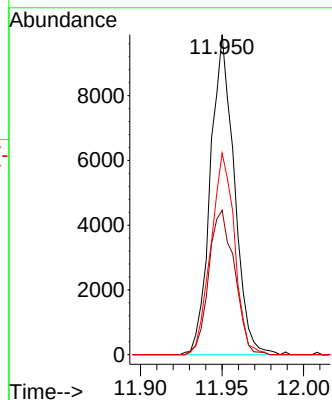
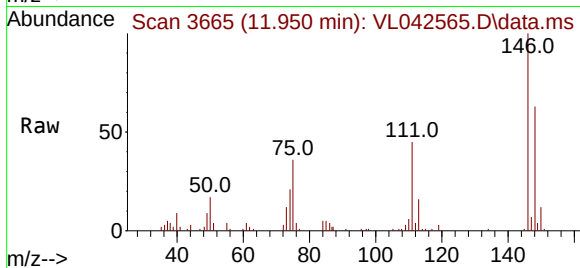




#77
1,2-Dichlorobenzene
Concen: 0.431 ppbv
RT: 11.950 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

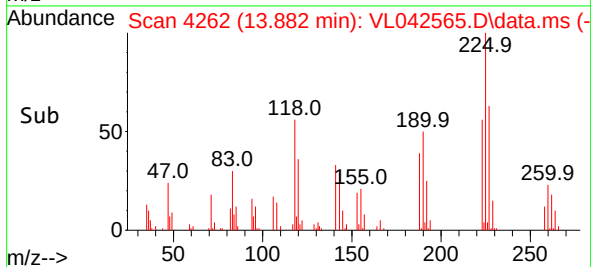
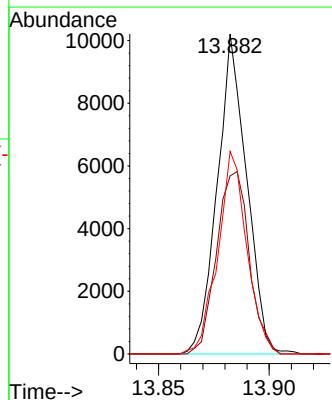
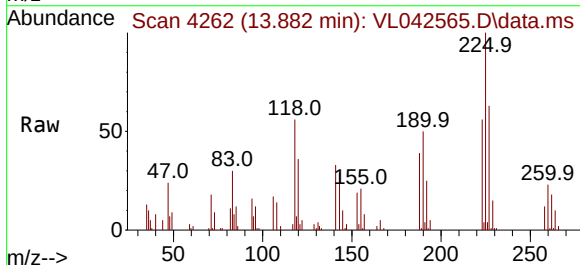
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.45

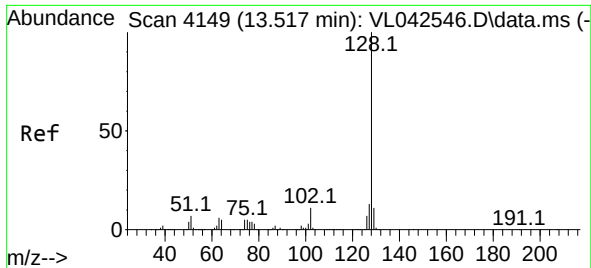
Tgt Ion:146 Resp: 10018
Ion Ratio Lower Upper
146 100
111 48.8 23.7 71.1
148 62.5 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 0.490 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

Tgt Ion:225 Resp: 9398
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 62.7 50.2 75.4

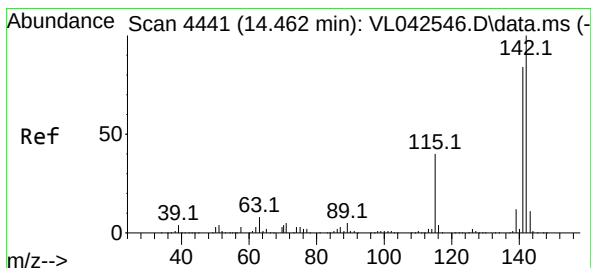
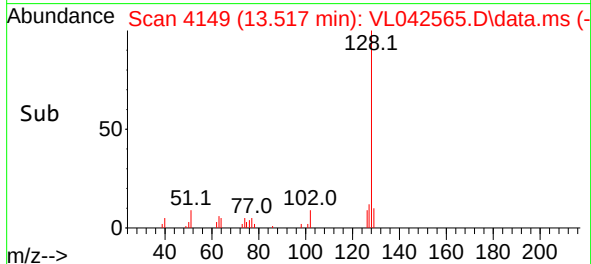
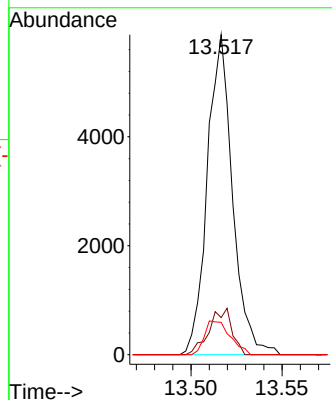
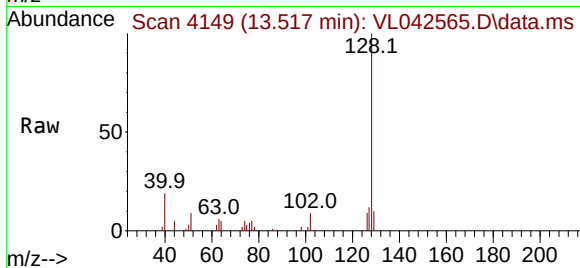




#79
Naphthalene
Concen: 0.198 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

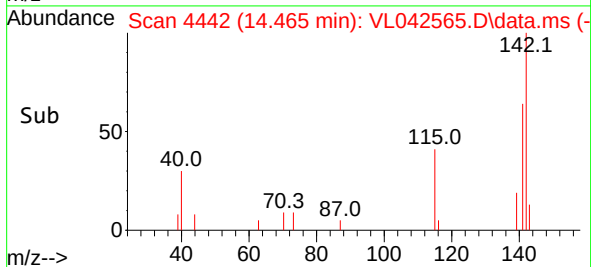
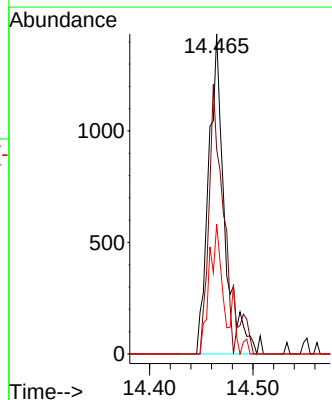
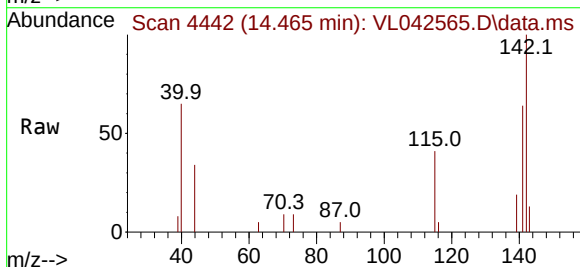
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.45

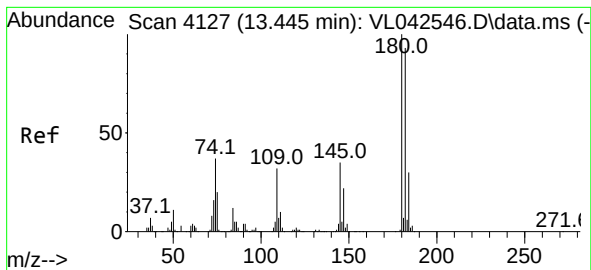
Tgt Ion:	128	Resp:	5661
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.5	15.7
129	10.1	9.0	13.4



#80
Naphthalene, 2-methyl-
Concen: 0.105 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.003 min
Lab File: VL042565.D
Acq: 21 May 2025 14:46

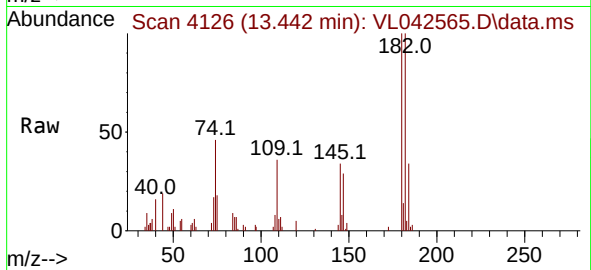
Tgt Ion:	142	Resp:	1554
Ion	Ratio	Lower	Upper
142	100		
141	79.1	67.4	101.0
115	39.1	31.5	47.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.223 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042565.D
 Acq: 21 May 2025 14:46

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.45



Tgt Ion:	180	Resp:	3830
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.6	113.4
184	30.8	23.7	35.5

