

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042514.D
 Acq On : 07 May 2025 12:43
 Operator : SY/MD
 Sample : MDL3 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

Quant Time: May 08 01:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	74745	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	193374	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	161117	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	150489	10.074	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	6978	0.564	ppbv	99
3) Chlorodifluoromethane	1.476	51	7075	0.541	ppbv	99
4) Chloromethane	1.535	50	3132	0.606	ppbv #	86
5) Vinyl Chloride	1.580	62	2730	0.524	ppbv	90
6) Bromomethane	1.670	94	1168	0.475	ppbv	95
7) Chloroethane	1.706	64	1152	0.599	ppbv	90
8) Dichlorotetrafluoroethane	1.557	85	5498	0.539	ppbv	96
9) Propene	1.483	41	1649	0.386	ppbv #	49
10) Heptane	4.985	43	1539	0.139	ppbv #	26
11) Trichlorofluoromethane	1.881	101	6860	0.601	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	4979	0.546	ppbv	94
13) Ethanol	1.725	45	773	0.891	ppbv	97
14) Bromoethene	1.784	108	1850	0.550	ppbv #	85
15) Acetone	1.839	43	8896	0.652	ppbv	98
16) 1,3-Butadiene	1.609	39	2523	0.419	ppbv	97
17) tert-Butyl alcohol	2.046	59	6119	0.509	ppbv	96
18) 1,1-Dichloroethene	2.039	96	2112	0.496	ppbv #	62
19) Isopropyl Alcohol	1.887	45	4171	0.552	ppbv #	94
20) Methylene Chloride	2.065	84	2555	0.623	ppbv #	69
21) Allyl Chloride	2.098	41	5203	0.593	ppbv	98
22) trans-1,2-Dichloroethene	2.726	96	2994	0.602	ppbv	81
23) Vinyl Acetate	2.467	43	7253	0.557	ppbv #	88
24) 1,1-Dichloroethane	2.412	63	5121	0.505	ppbv	99
25) Ethyl Acetate	2.845	43	7562	0.346	ppbv #	88
26) Hexane	2.829	57	3552	0.373	ppbv #	73
27) Carbon Disulfide	2.149	76	5680	0.511	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2720	0.476	ppbv #	87
29) Chloroform	2.855	83	9341	0.524	ppbv	94
30) Cyclohexane	3.865	84	1675	0.210	ppbv #	9
31) cis-1,2-Dichloroethene	2.729	61	4851	0.437	ppbv #	80
32) 1,1,1-Trichloroethane	3.373	97	9173	0.474	ppbv	96
34) 2-Butanone	2.567	43	7373	0.527	ppbv	96
35) Carbon Tetrachloride	3.768	117	5205	0.296	ppbv #	65
36) Benzene	3.661	78	8632	0.473	ppbv #	91
37) 1,2-Dichloroethane	3.224	62	7577	0.539	ppbv	98
38) Trichloroethene	4.554	130	2446	0.351	ppbv	85
39) 1,2-Dichloropropane	4.321	63	1927	0.282	ppbv #	48
40) 1,4-Dioxane	4.619	88	622	0.194	ppbv #	100
41) Tetrahydrofuran	3.075	42	2537	0.382	ppbv #	86
42) Bromodichloromethane	4.499	83	8625	0.502	ppbv	95
43) Methyl Methacrylate	4.888	69	935	0.137	ppbv #	1
44) 2,2,4-Trimethylpentane	4.655	57	11352	0.384	ppbv #	81
45) t-1,3-Dichloropropene	6.435	75	1315	0.147	ppbv	96

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

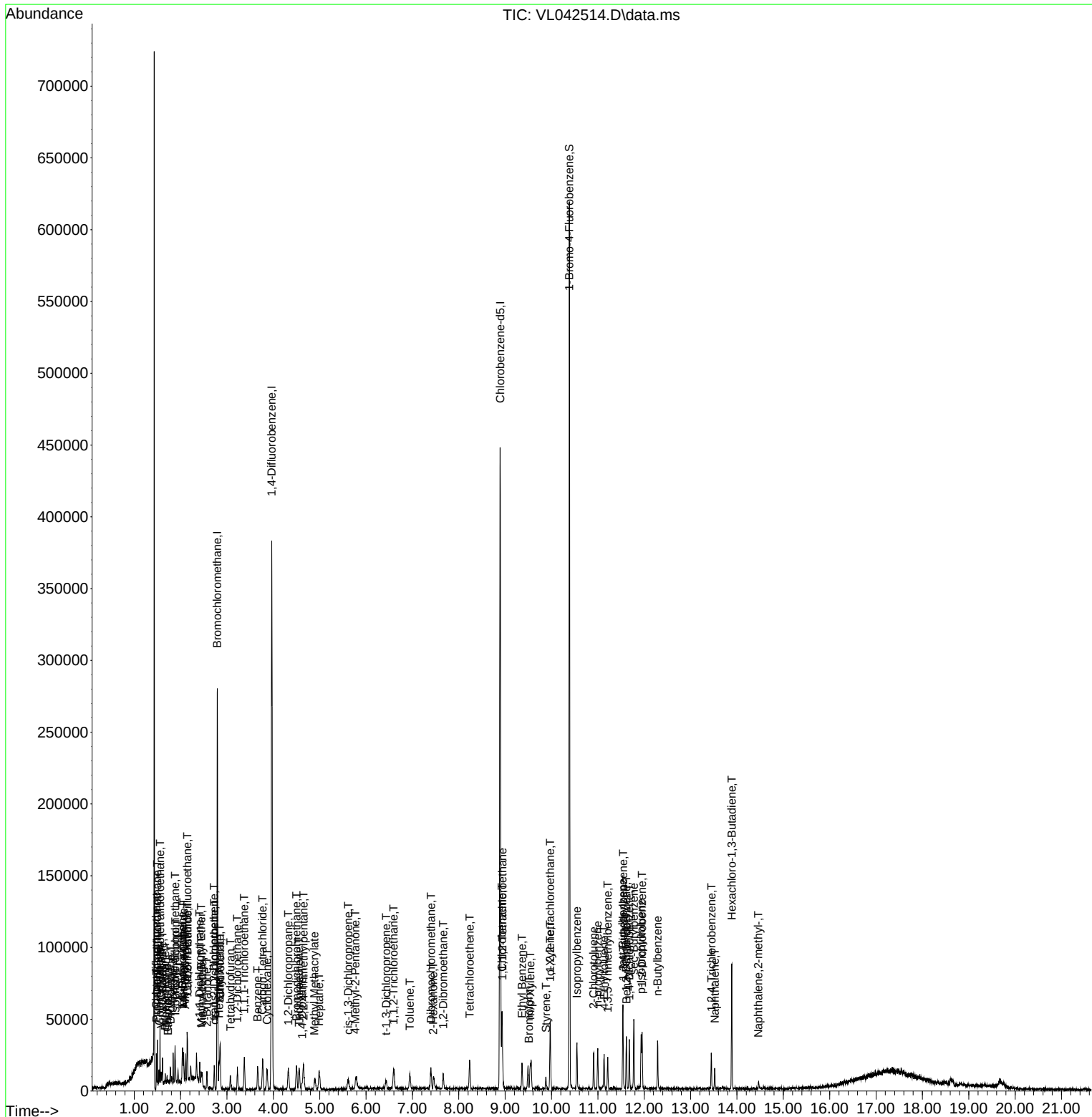
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

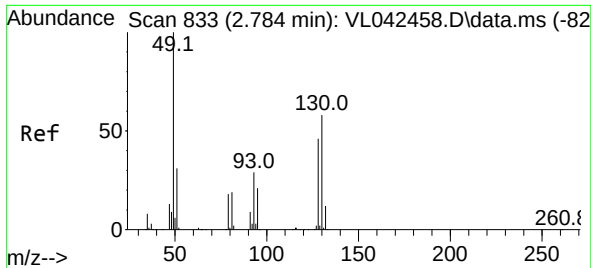
Quant Time: May 08 01:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	910	0.086	ppbv	91
47) 1,1,2-Trichloroethane	6.593	97	1951	0.260	ppbv #	84
48) Dibromochloromethane	7.399	129	4913	0.388	ppbv	81
49) Bromoform	9.513	173	158	0.015	ppbv #	28
50) 4-Methyl-2-Pentanone	5.771	43	2077	0.117	ppbv #	38
51) 2-Hexanone	7.448	43	1338	0.095	ppbv #	31
52) Tetrachloroethene	8.238	164	3041	0.438	ppbv #	79
53) Toluene	6.946	91	6537	0.338	ppbv	92
54) 1,2-Dibromoethane	7.665	107	5276	0.461	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.940	131	1500	0.158	ppbv #	1
57) Chlorobenzene	8.930	112	9497	0.587	ppbv #	62
58) Ethyl Benzene	9.364	91	8801	0.327	ppbv	91
59) m/p-Xylene	9.542	91	5155	0.228	ppbv #	33
60) o-Xylene	9.972	91	6935	0.307	ppbv	90
61) Styrene	9.882	104	2489	0.295	ppbv	90
62) Isopropylbenzene	10.549	105	12183	0.374	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	9024	0.579	ppbv	98
64) n-propylbenzene	10.995	120	2583	0.324	ppbv	96
65) tert-Butylbenzene	11.536	119	10253	0.352	ppbv	97
66) Benzyl Chloride	11.620	91	1202	0.357	ppbv #	73
67) sec-Butylbenzene	11.775	105	15290	0.370	ppbv	99
69) p-Isopropyltoluene	11.931	119	11497	0.330	ppbv	97
70) n-Butylbenzene	12.287	91	11365	0.316	ppbv	97
71) 2-Chlorotoluene	10.908	91	8976	0.351	ppbv	92
72) 4-Ethyltoluene	11.134	105	8691	0.326	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.212	105	7777	0.332	ppbv #	86
74) 1,2,4-Trimethylbenzene	11.545	105	4409	0.155	ppbv #	89
75) 1,3-Dichlorobenzene	11.613	146	7162	0.454	ppbv	90
76) 1,4-Dichlorobenzene	11.681	146	7390	0.495	ppbv	94
77) 1,2-Dichlorobenzene	11.953	146	7680	0.497	ppbv	94
78) Hexachloro-1,3-Butadiene	13.886	225	8669	0.562	ppbv	93
79) Naphthalene	13.520	128	6162	0.258	ppbv #	94
80) Naphthalene,2-methyl-	14.462	142	1455	0.082	ppbv #	81
81) 1,2,4-Trichlorobenzene	13.449	180	3714	0.292	ppbv	88

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

Quant Time: May 08 01:33:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
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QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

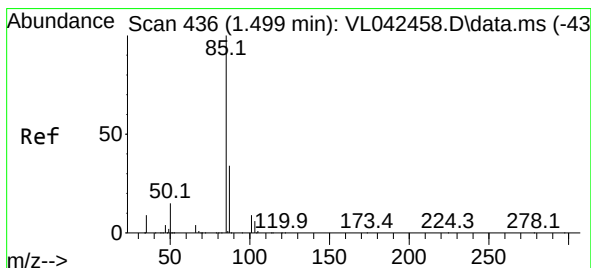
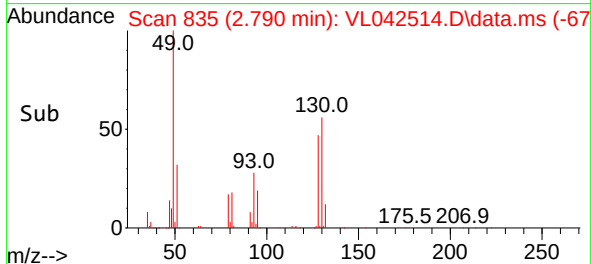
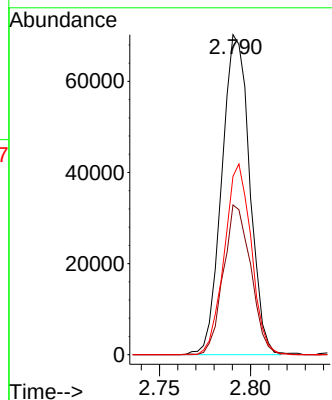
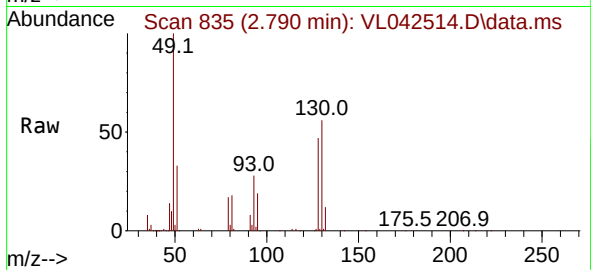




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

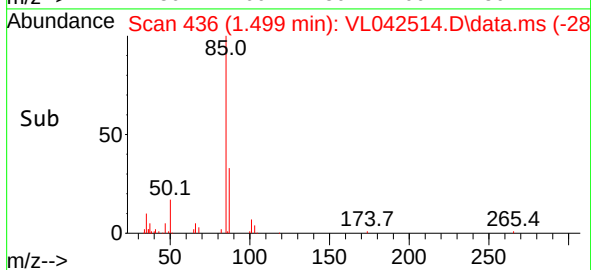
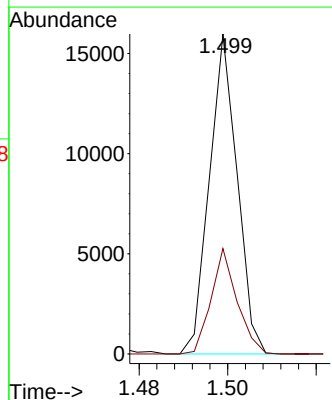
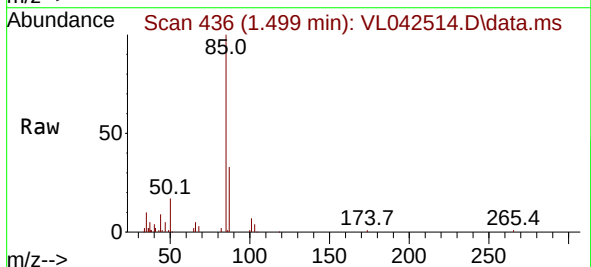
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

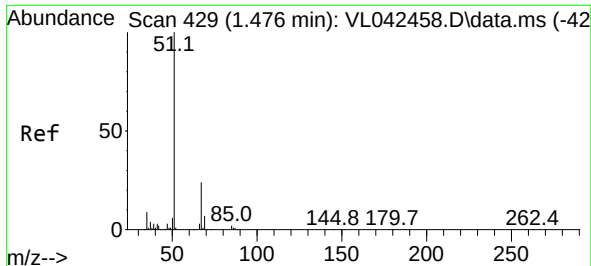
Tgt Ion: 49 Resp: 74745
Ion Ratio Lower Upper
49 100
128 45.9 23.3 69.9
130 57.5 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.564 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 85 Resp: 6978
Ion Ratio Lower Upper
85 100
87 32.9 26.9 40.3

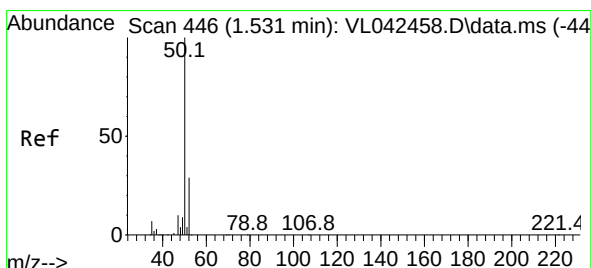
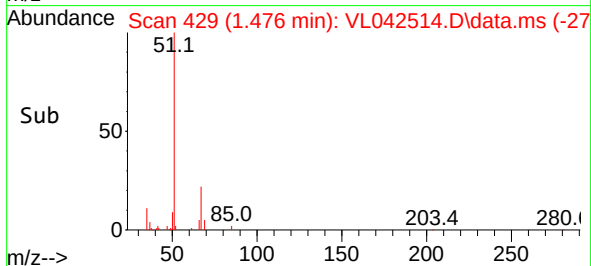
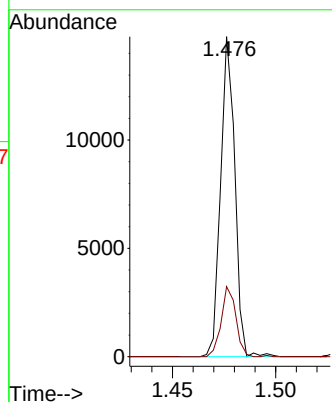
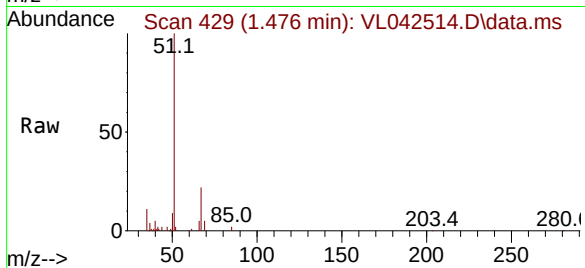




#3
Chlorodifluoromethane
Concen: 0.541 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

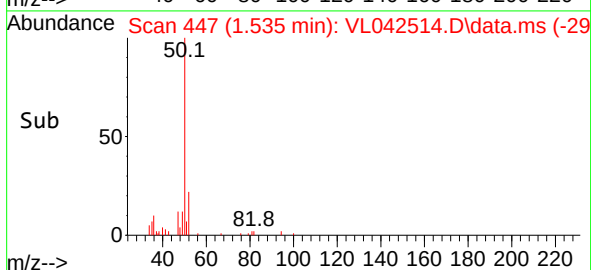
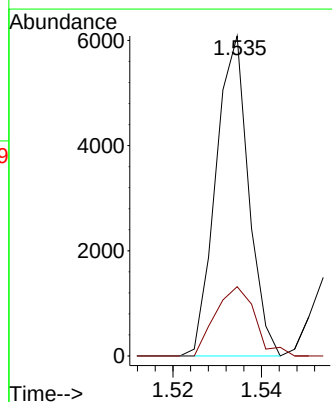
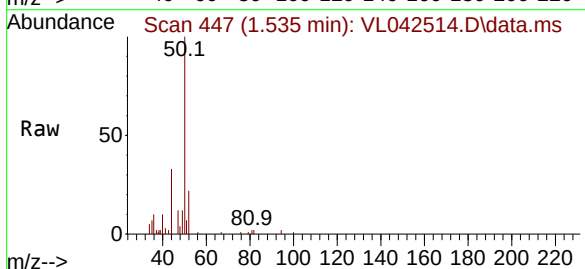
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

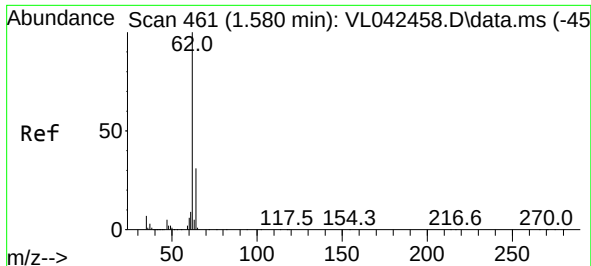
Tgt Ion: 51 Resp: 7075
Ion Ratio Lower Upper
51 100
67 22.7 18.4 27.6



#4
Chloromethane
Concen: 0.606 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 50 Resp: 3132
Ion Ratio Lower Upper
50 100
52 21.6 23.5 35.3#

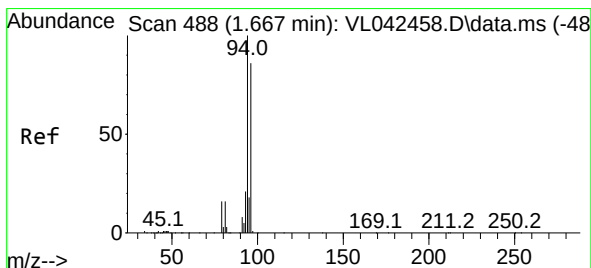
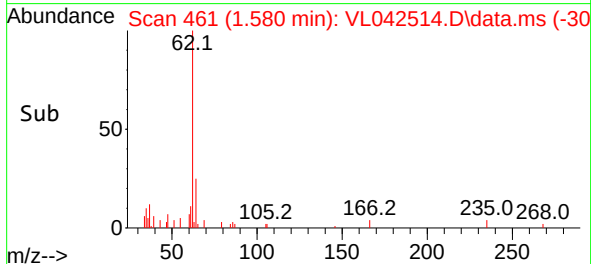
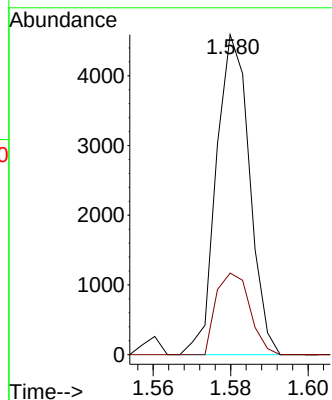
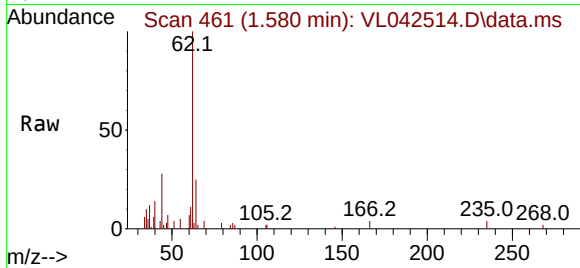




#5
 Vinyl Chloride
 Concen: 0.524 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

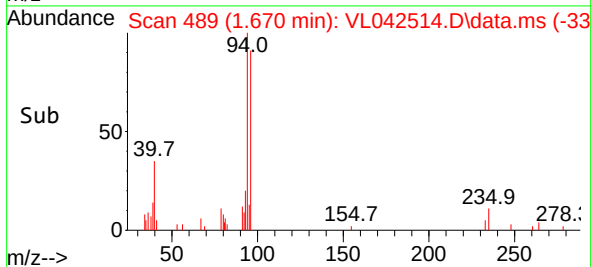
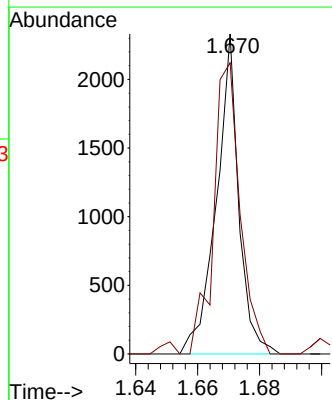
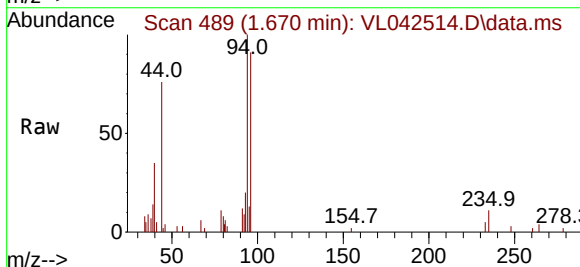
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.45

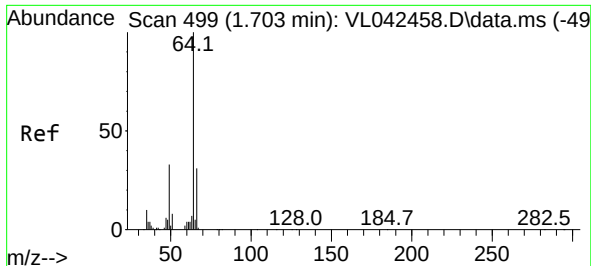
Tgt Ion: 62 Resp: 2730
 Ion Ratio Lower Upper
 62 100
 64 25.5 24.9 37.3



#6
 Bromomethane
 Concen: 0.475 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion: 94 Resp: 1168
 Ion Ratio Lower Upper
 94 100
 96 91.0 68.8 103.2

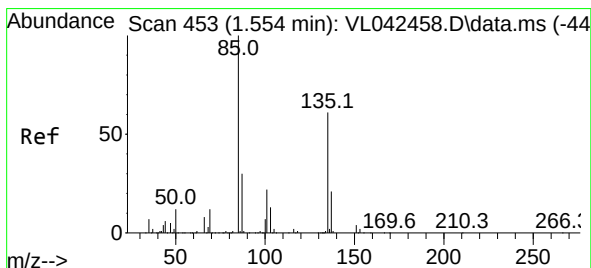
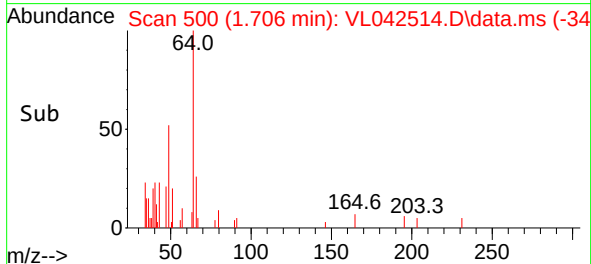
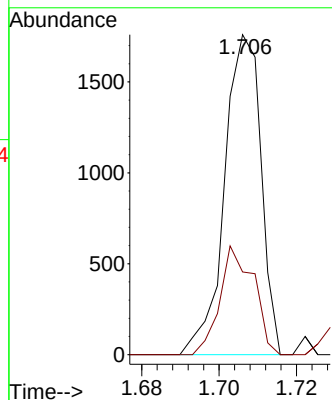
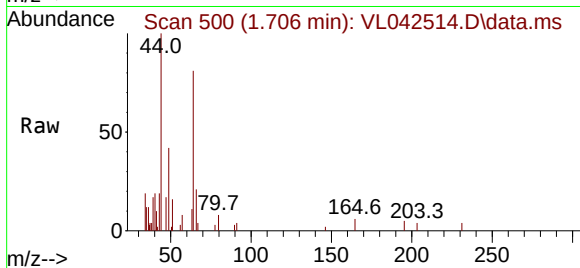




#7
Chloroethane
Concen: 0.599 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

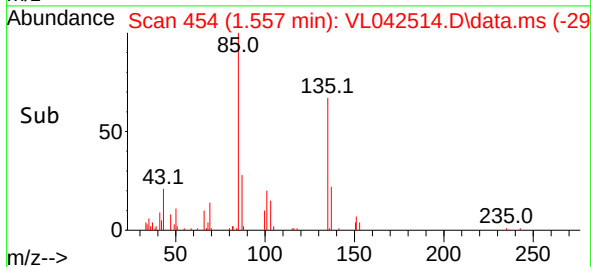
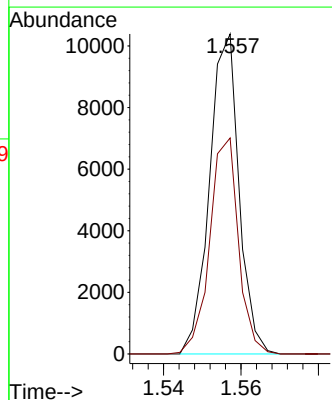
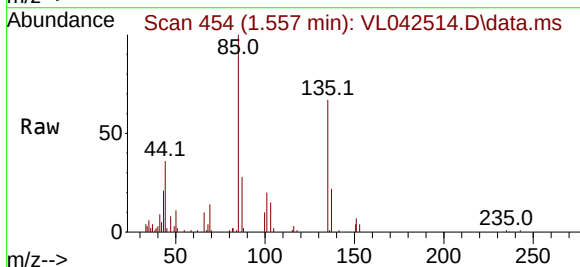
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

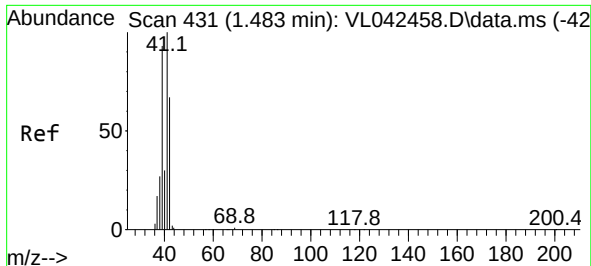
Tgt Ion: 64 Resp: 1152
Ion Ratio Lower Upper
64 100
66 25.9 25.0 37.4



#8
Dichlorotetrafluoroethane
Concen: 0.539 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 85 Resp: 5498
Ion Ratio Lower Upper
85 100
135 65.7 49.8 74.8





#9

Propene

Concen: 0.386 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

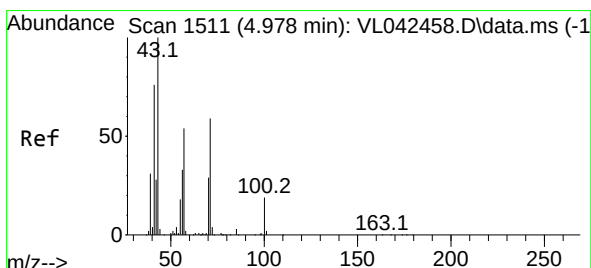
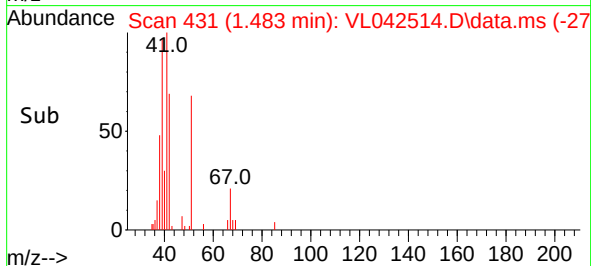
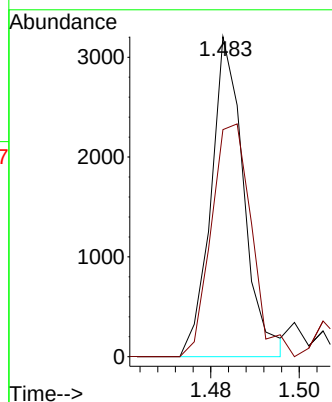
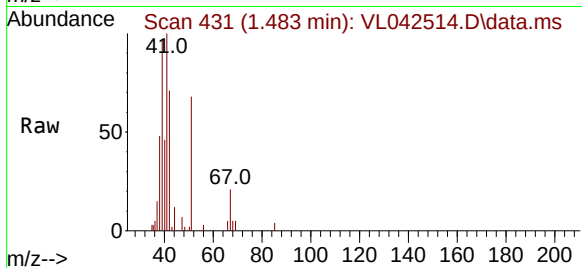
MDL3 0.45

Tgt Ion: 41 Resp: 1649

Ion Ratio Lower Upper

41 100

42 108.8 54.3 81.5#



#10

Heptane

Concen: 0.139 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. 0.007 min

Lab File: VL042514.D

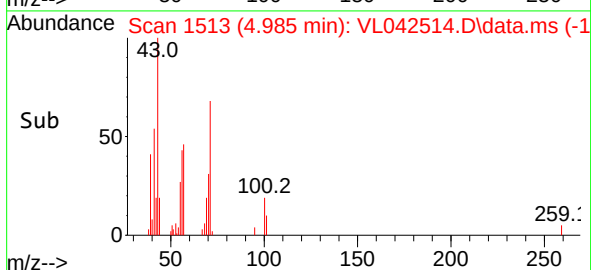
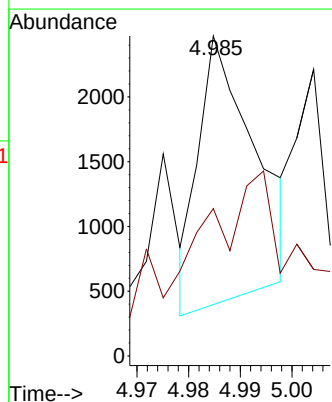
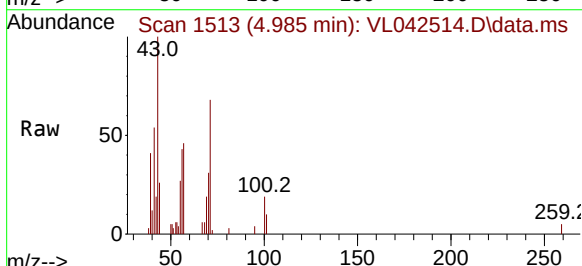
Acq: 07 May 2025 12:43

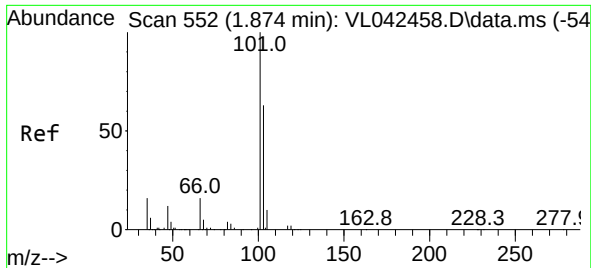
Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

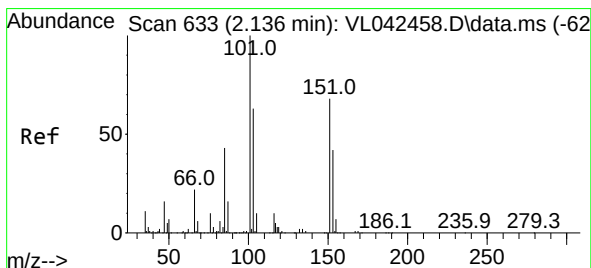
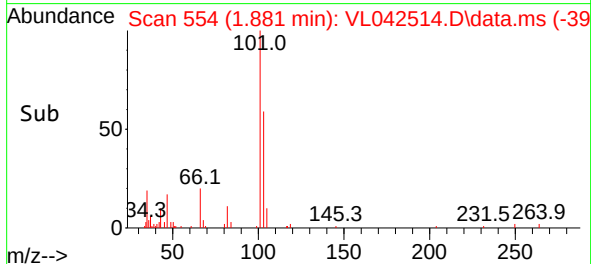
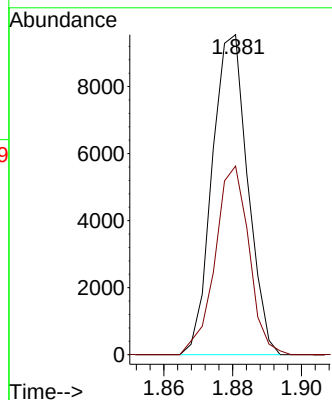
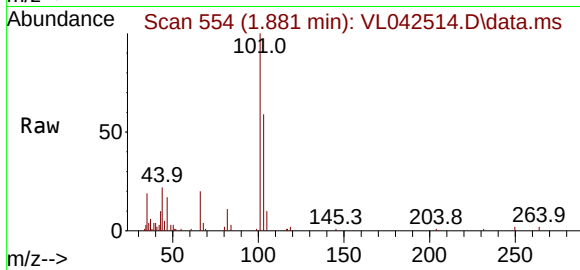




#11
 Trichlorofluoromethane
 Concen: 0.601 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

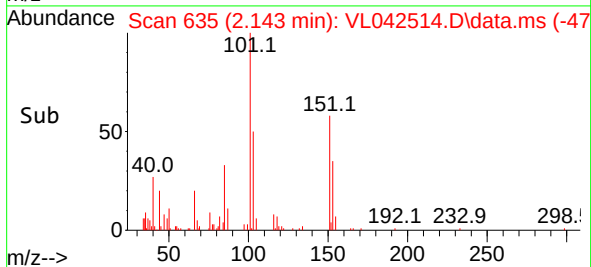
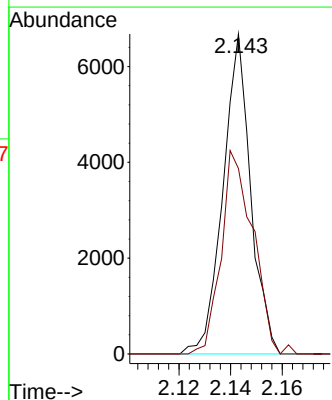
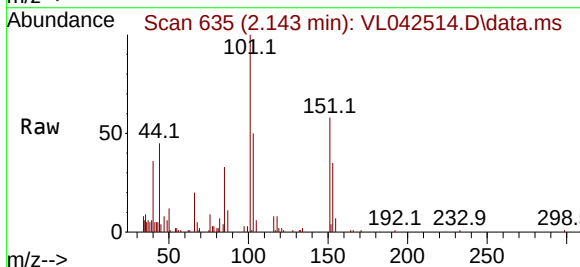
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

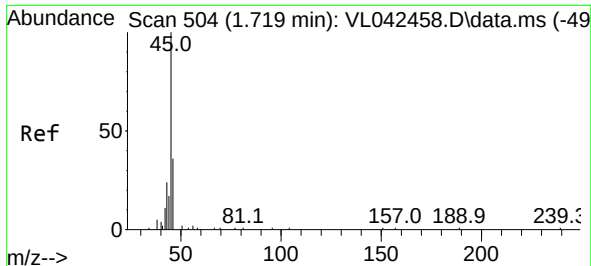
Tgt Ion:101 Resp: 6860
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.546 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion:101 Resp: 4979
 Ion Ratio Lower Upper
 101 100
 151 73.1 54.6 82.0

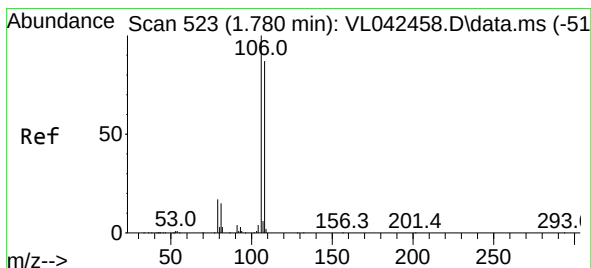
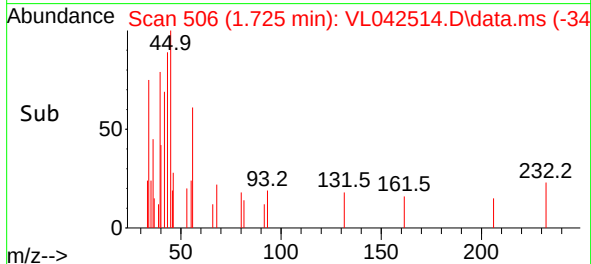
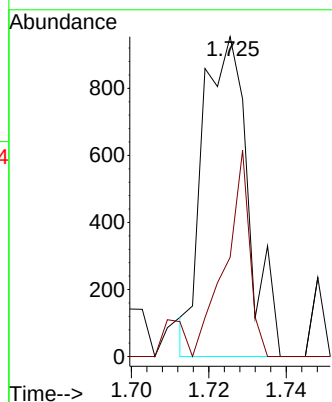
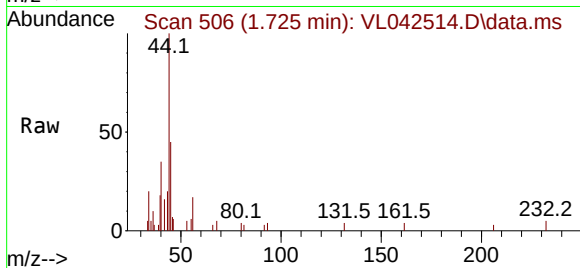




#13
Ethanol
Concen: 0.891 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

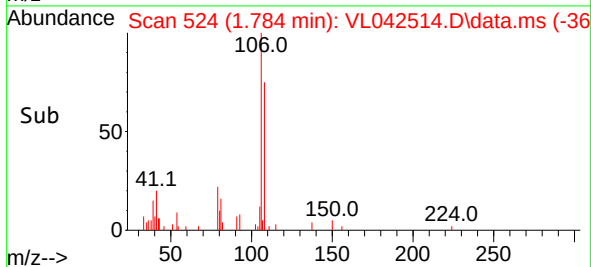
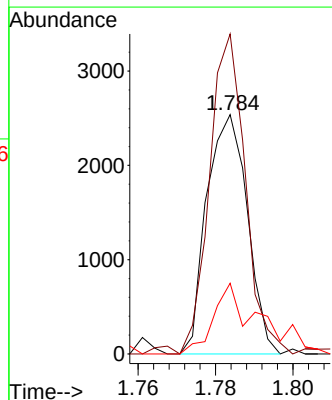
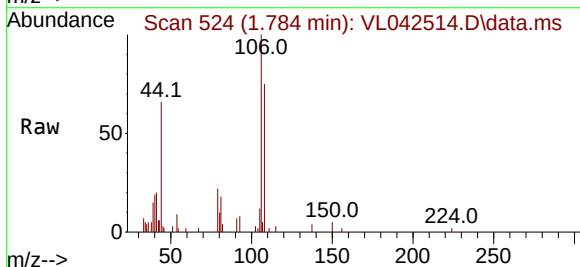
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

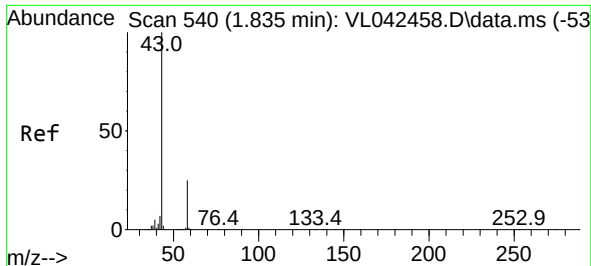
Tgt Ion: 45 Resp: 773
Ion Ratio Lower Upper
45 100
46 39.7 15.3 61.1



#14
Bromoethene
Concen: 0.550 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 108 Resp: 1850
Ion Ratio Lower Upper
108 100
106 120.7 88.8 133.2
79 42.3 17.1 25.7#





#15

Acetone

Concen: 0.652 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

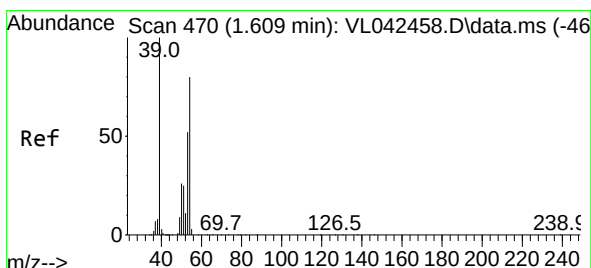
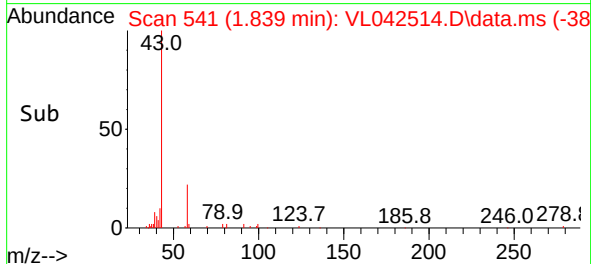
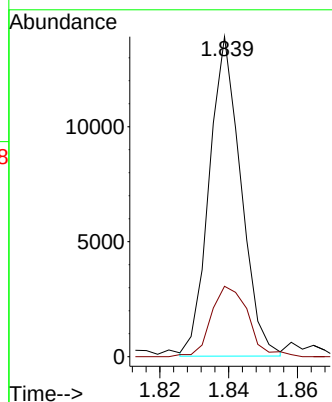
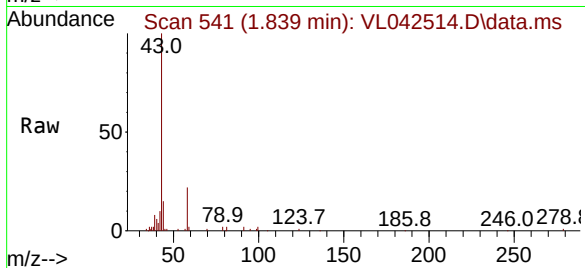
MDL3 0.45

Tgt Ion: 43 Resp: 8896

Ion Ratio Lower Upper

43 100

58 25.7 19.8 29.8



#16

1,3-Butadiene

Concen: 0.419 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.000 min

Lab File: VL042514.D

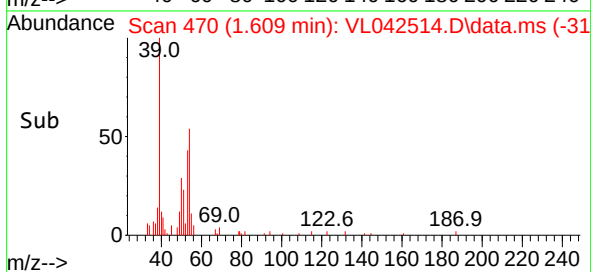
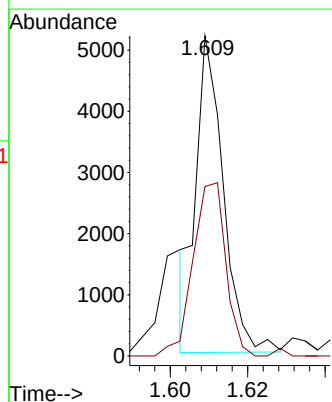
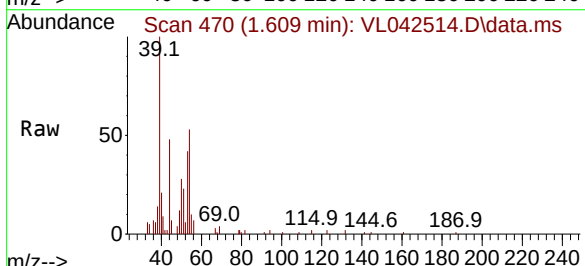
Acq: 07 May 2025 12:43

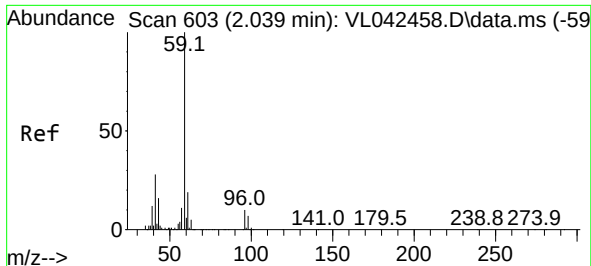
Tgt Ion: 39 Resp: 2523

Ion Ratio Lower Upper

39 100

54 66.9 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.509 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_1

ClientSampleId :

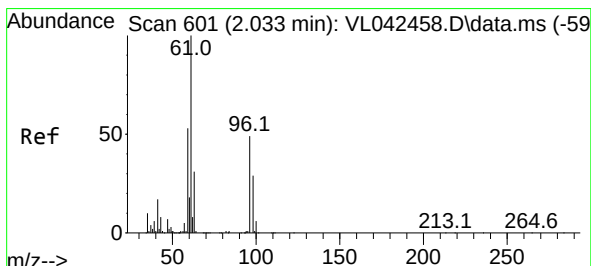
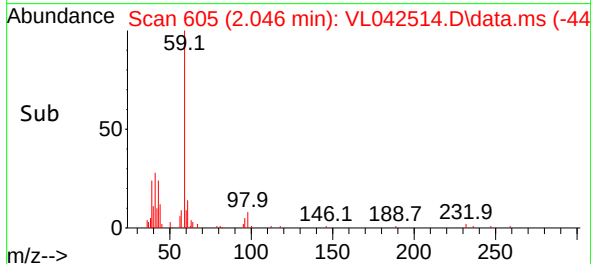
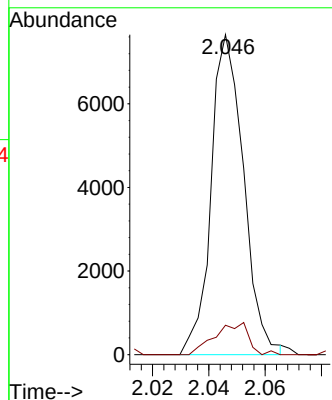
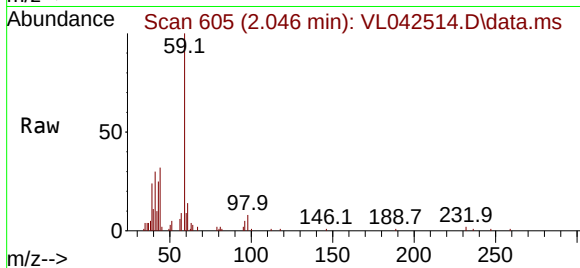
MDL3 0.45

Tgt Ion: 59 Resp: 6119

Ion Ratio Lower Upper

59 100

57 11.8 8.3 12.5



#18

1,1-Dichloroethene

Concen: 0.496 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

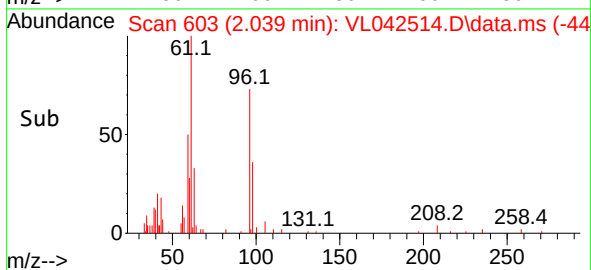
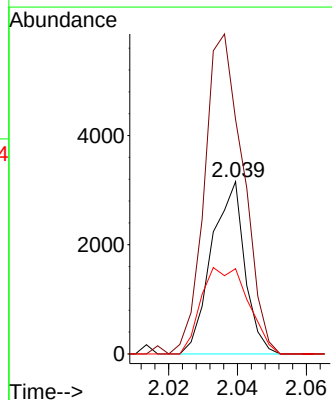
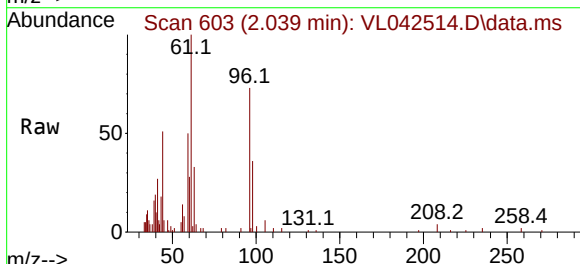
Tgt Ion: 96 Resp: 2112

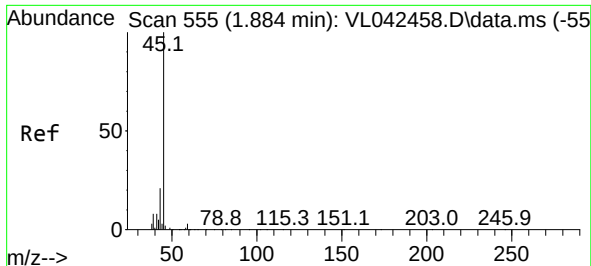
Ion Ratio Lower Upper

96 100

61 136.1 164.9 247.3#

98 49.5 48.2 72.2

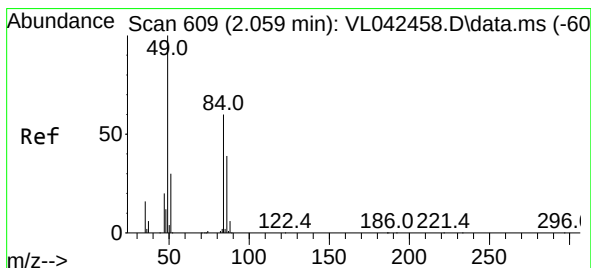
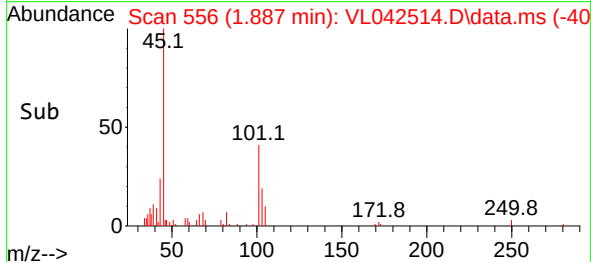
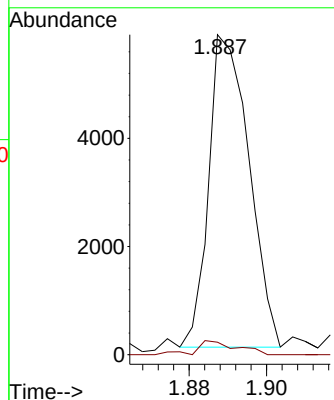
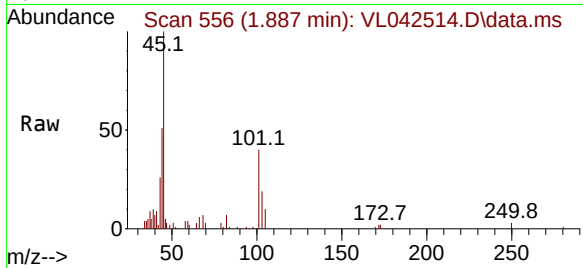




#19
Isopropyl Alcohol
Concen: 0.552 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

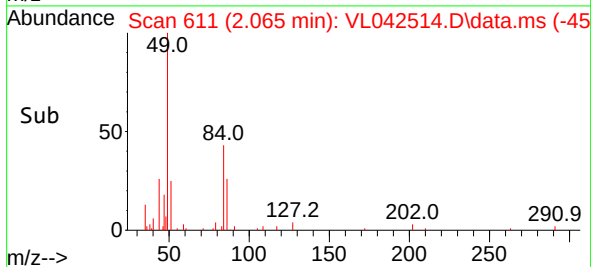
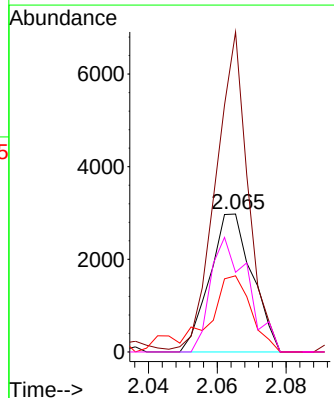
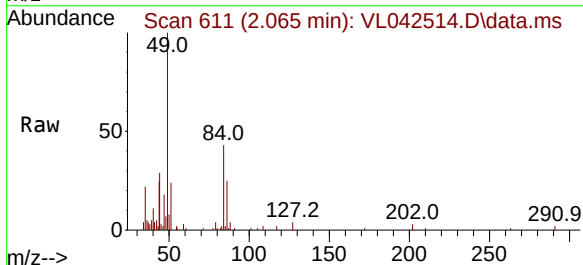
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

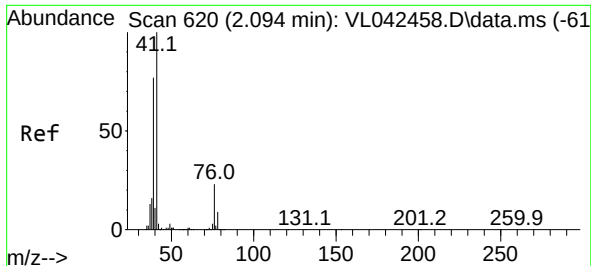
Tgt Ion: 45 Resp: 4171
Ion Ratio Lower Upper
45 100
58 4.0 1.6 2.4#



#20
Methylene Chloride
Concen: 0.623 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 84 Resp: 2555
Ion Ratio Lower Upper
84 100
49 231.9 133.9 200.9#
51 55.2 41.0 61.6
86 57.7 51.9 77.9

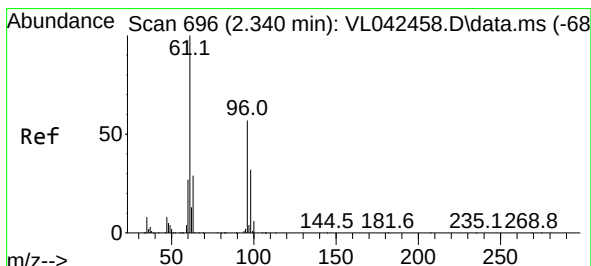
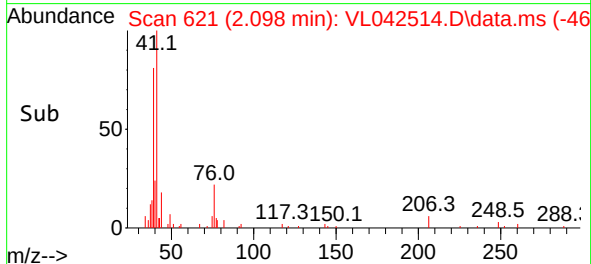
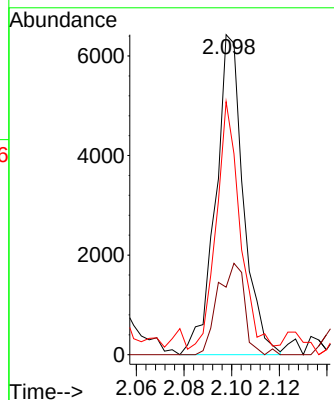
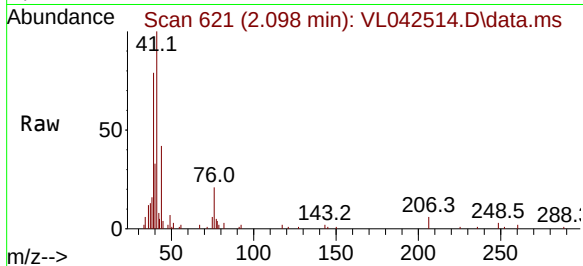




#21
 Allyl Chloride
 Concen: 0.593 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

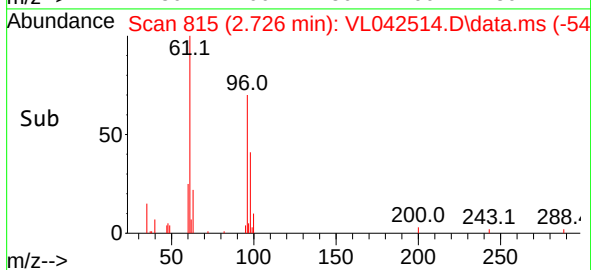
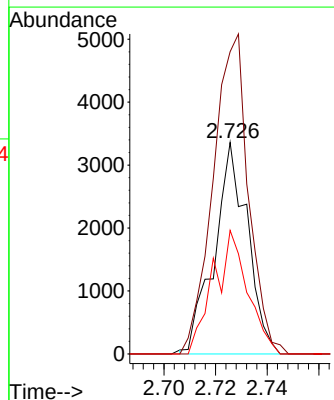
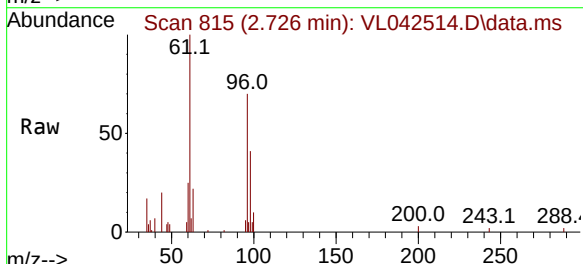
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

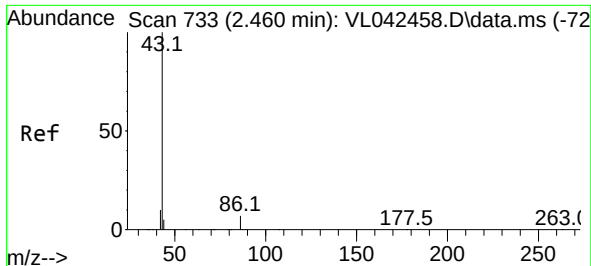
Tgt Ion:	41	Resp:	5203
Ion	Ratio	Lower	Upper
41	100		
76	27.6	19.6	29.4
39	76.0	61.0	91.4



#22
 trans-1,2-Dichloroethene
 Concen: 0.602 ppbv
 RT: 2.726 min Scan# 815
 Delta R.T. 0.385 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion:	96	Resp:	2994
Ion	Ratio	Lower	Upper
96	100		
61	142.9	141.8	212.6
98	58.4	45.0	67.6

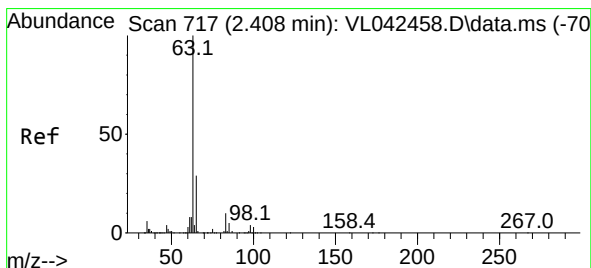
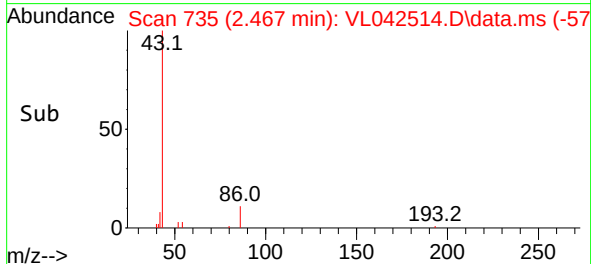
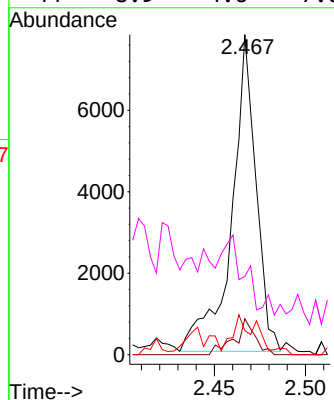
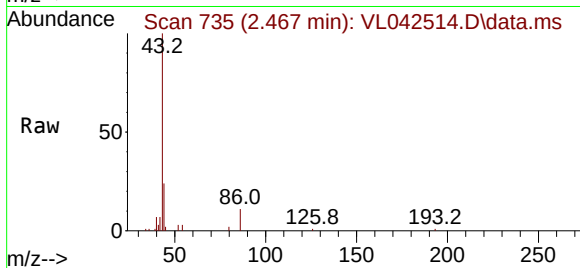




#23
 Vinyl Acetate
 Concen: 0.557 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

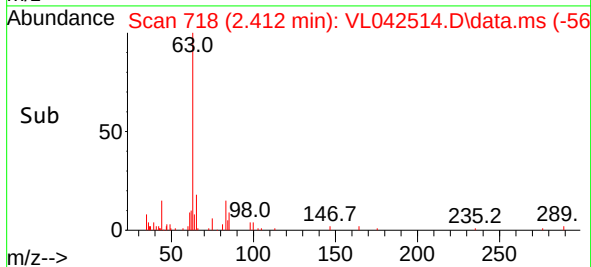
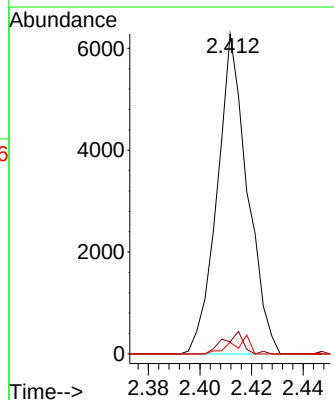
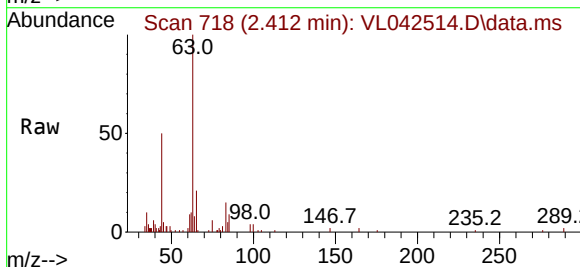
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

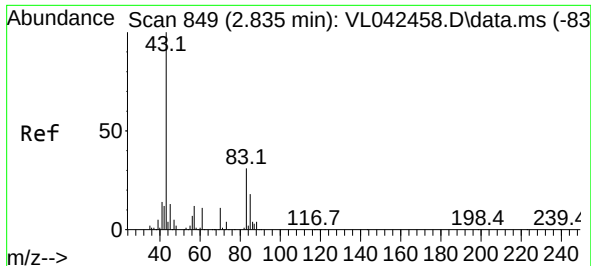
Tgt Ion:	43	Resp:	7253
Ion	Ratio	Lower	Upper
43	100		
86	11.3	5.5	8.3#
42	5.5	8.3	12.5#
44	8.9	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.505 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion:	63	Resp:	5121
Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.8	5.5
100	3.7	1.4	4.2

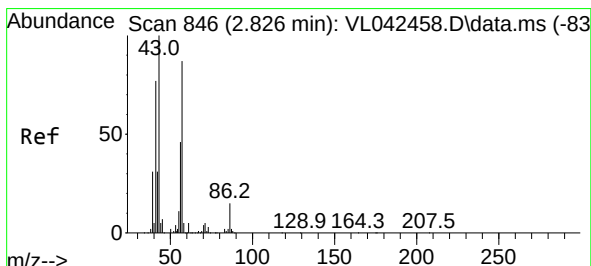
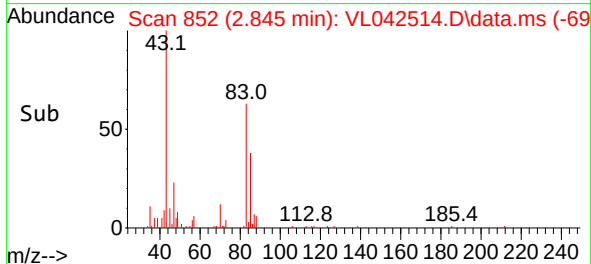
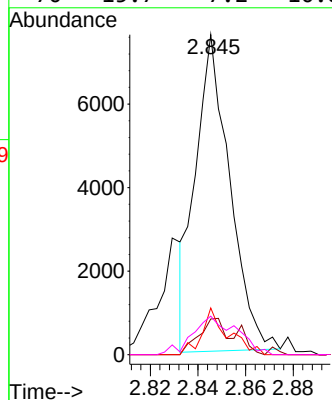
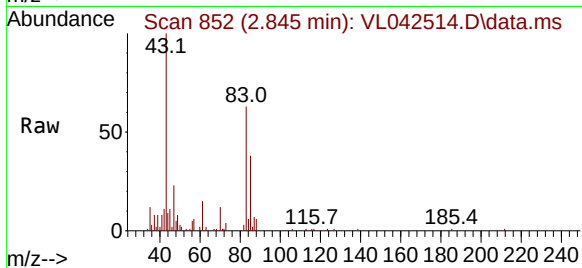




#25
Ethyl Acetate
Concen: 0.346 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

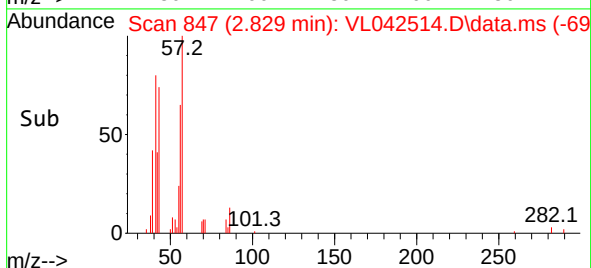
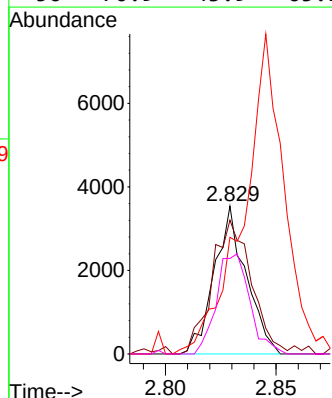
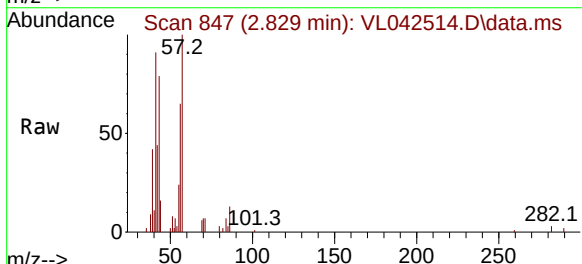
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

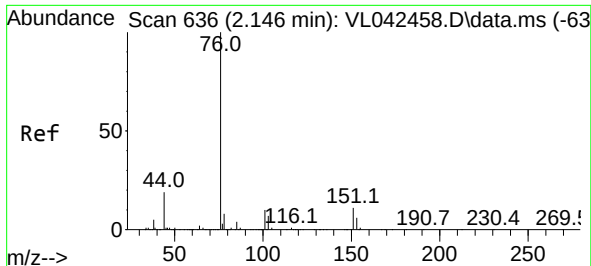
Tgt Ion: 43	Resp: 7562
Ion Ratio	Lower Upper
43 100	
45 13.9	7.8 11.6#
61 11.2	7.2 10.8#
70 15.7	7.2 10.8#



#26
Hexane
Concen: 0.373 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt	Ion: 57	Resp:	3552
Ion	Ratio	Lower	Upper
57	100		
41	120.0	77.8	116.8#
43	283.3	187.0	280.6#
56	70.9	43.9	65.9#





#27

Carbon Disulfide

Concen: 0.511 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

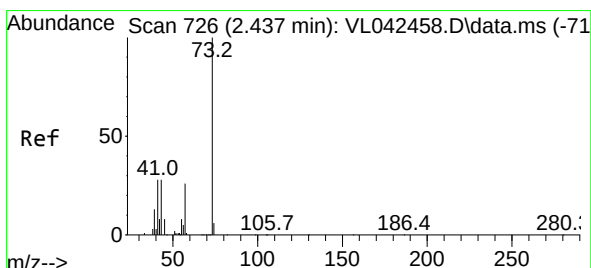
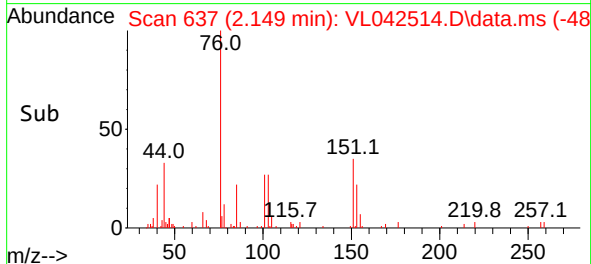
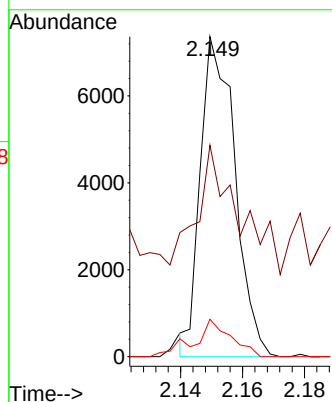
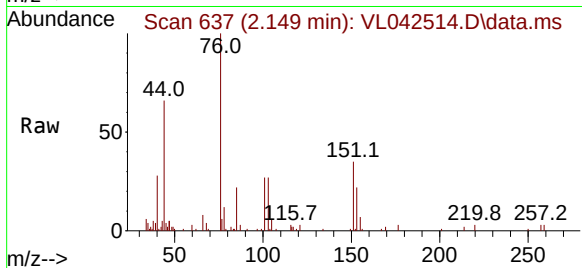
Tgt Ion: 76 Resp: 5680

Ion Ratio Lower Upper

76 100

44 179.5 21.0 31.6#

78 12.4 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 0.476 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.007 min

Lab File: VL042514.D

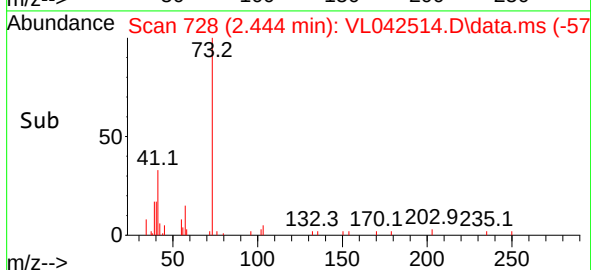
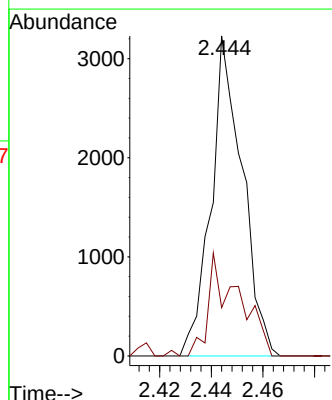
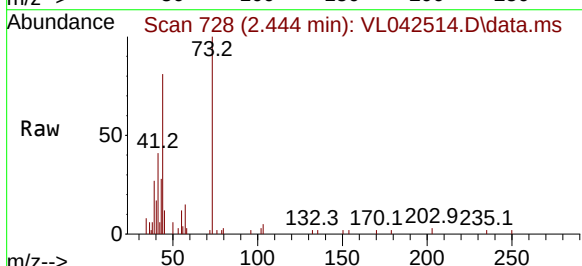
Acq: 07 May 2025 12:43

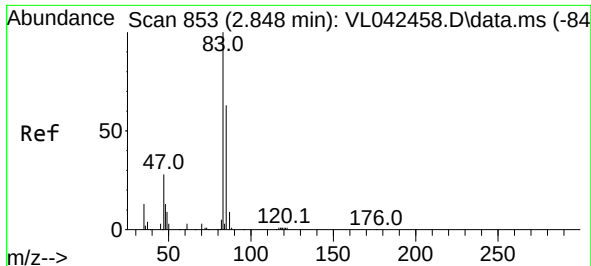
Tgt Ion: 73 Resp: 2720

Ion Ratio Lower Upper

73 100

57 31.6 19.9 29.9#





#29

Chloroform

Concen: 0.524 ppbv

RT: 2.855 min Scan# 85

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

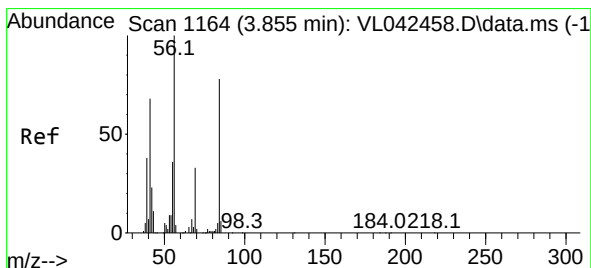
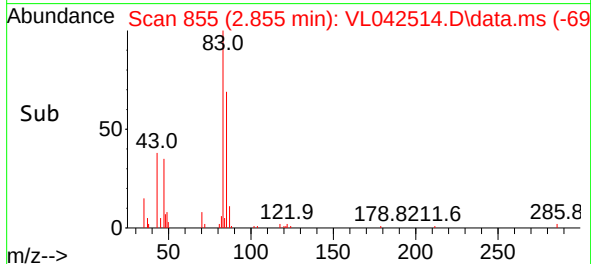
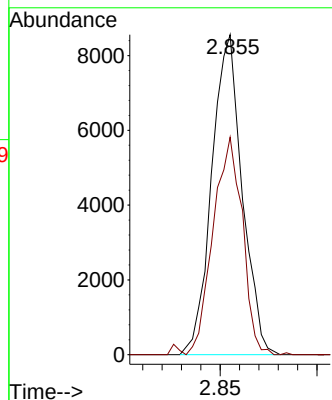
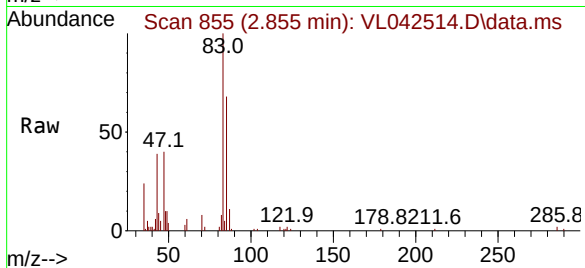
MDL3 0.45

Tgt Ion: 83 Resp: 9341

Ion Ratio Lower Upper

83 100

85 68.0 50.4 75.6



#30

Cyclohexane

Concen: 0.210 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

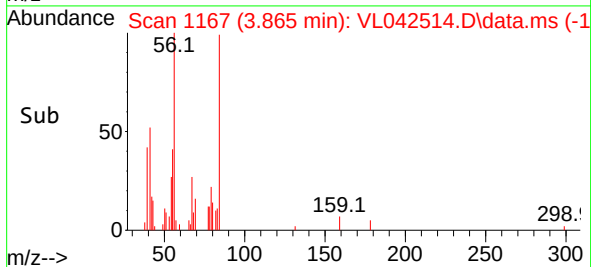
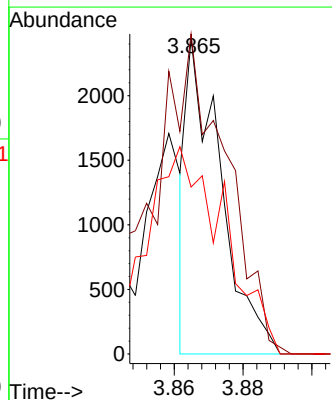
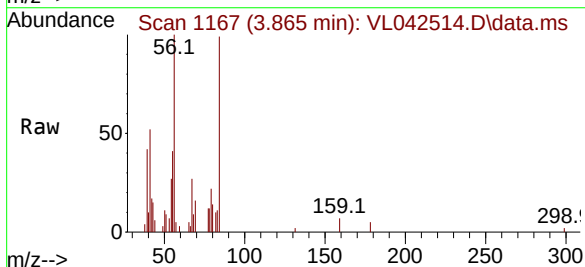
Tgt Ion: 84 Resp: 1675

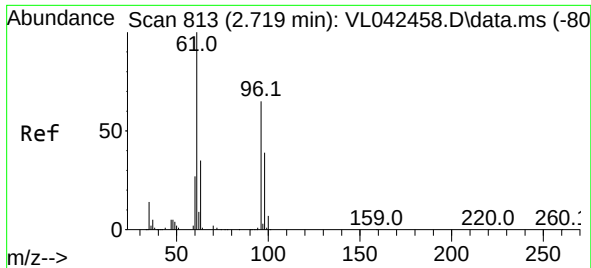
Ion Ratio Lower Upper

84 100

56 225.3 98.1 147.1#

41 0.0 65.8 98.8#

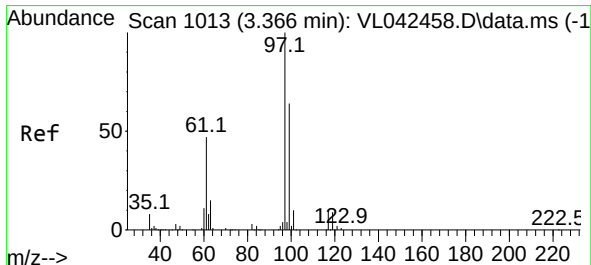
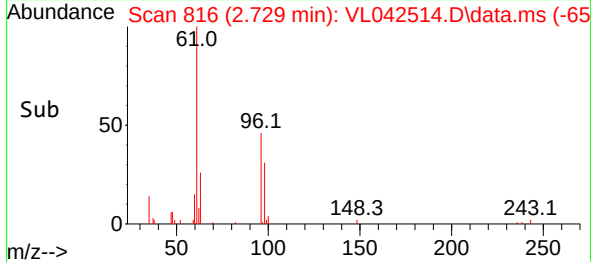
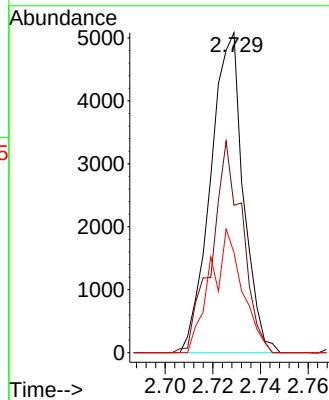
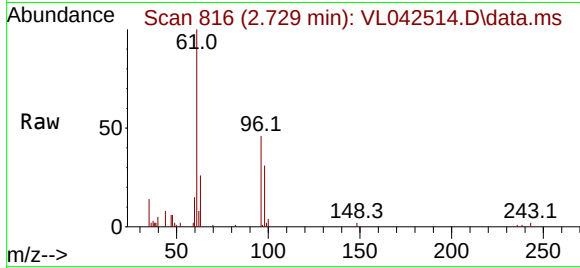




#31
 cis-1,2-Dichloroethene
 Concen: 0.437 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

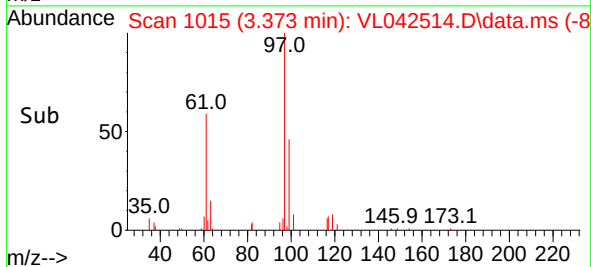
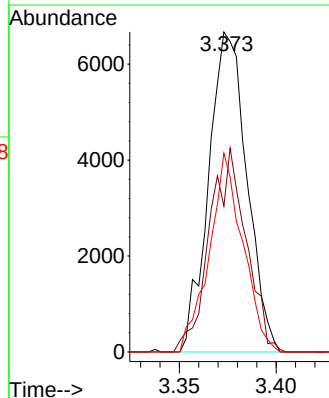
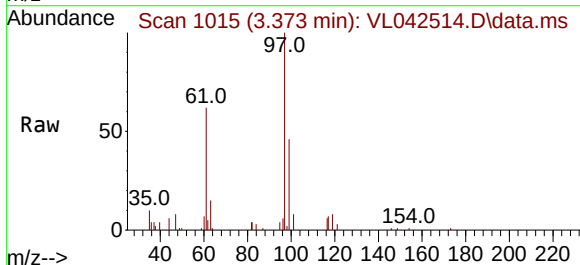
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

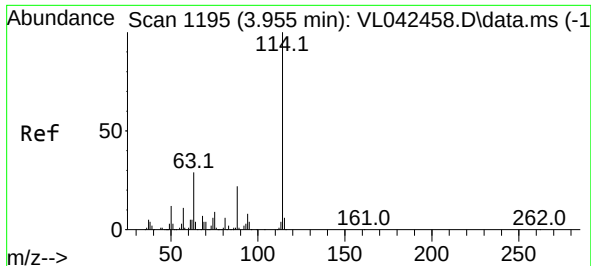
Tgt Ion: 61 Resp: 4851
 Ion Ratio Lower Upper
 61 100
 96 46.1 52.0 78.0#
 98 31.3 31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.474 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion: 97 Resp: 9173
 Ion Ratio Lower Upper
 97 100
 99 60.9 50.7 76.1
 61 54.5 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

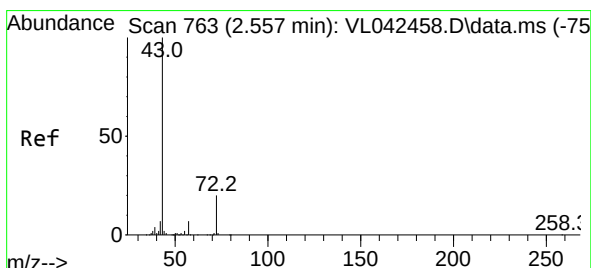
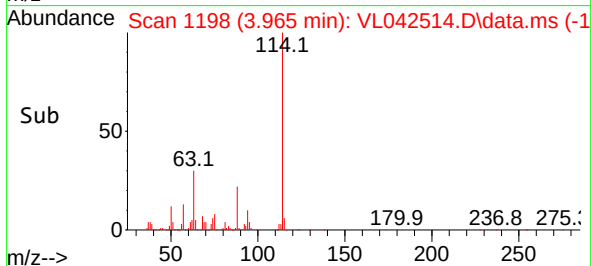
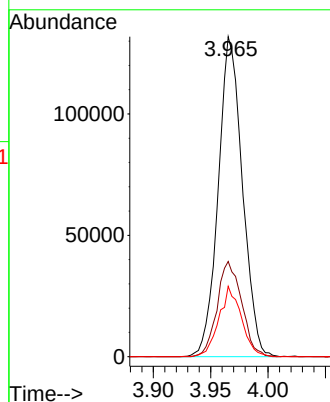
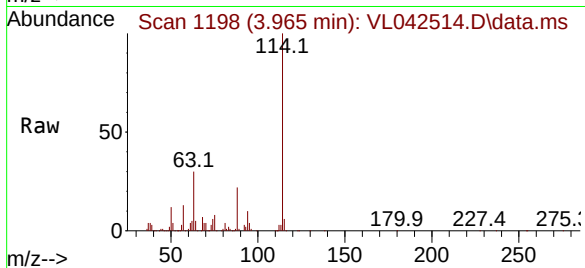
Tgt Ion:114 Resp: 193374

Ion Ratio Lower Upper

114 100

63 30.2 23.1 34.7

88 20.4 16.1 24.1



#34

2-Butanone

Concen: 0.527 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042514.D

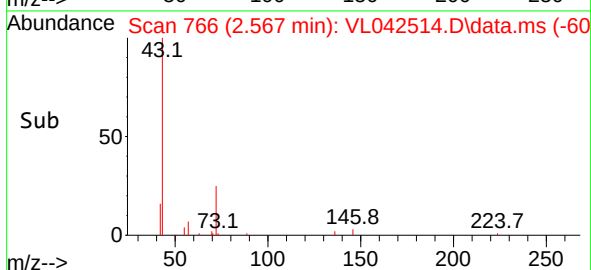
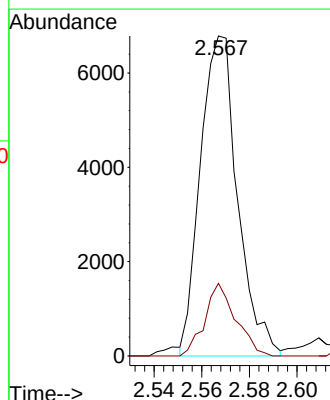
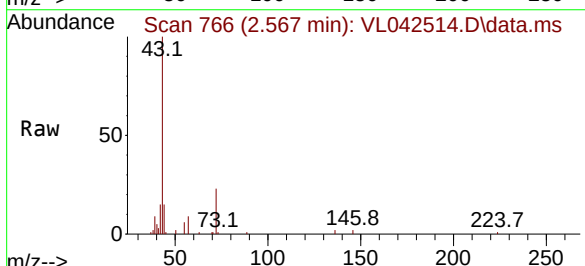
Acq: 07 May 2025 12:43

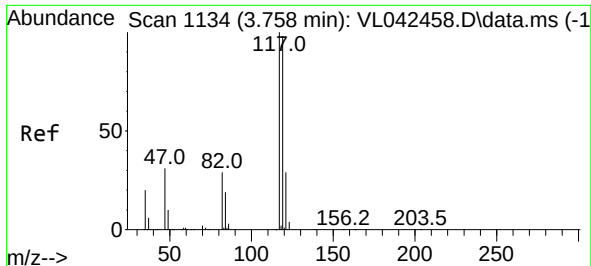
Tgt Ion: 43 Resp: 7373

Ion Ratio Lower Upper

43 100

72 18.9 16.7 25.1

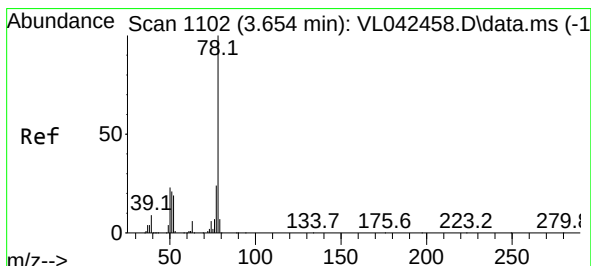
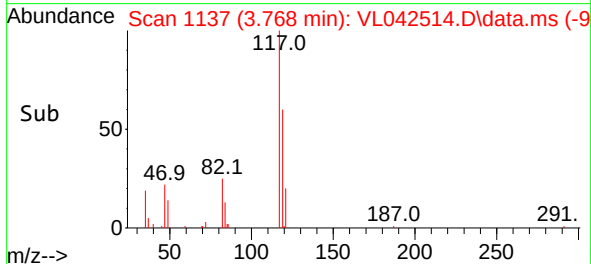
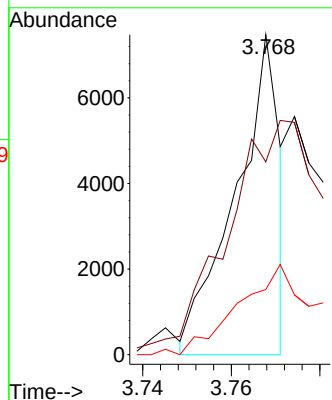
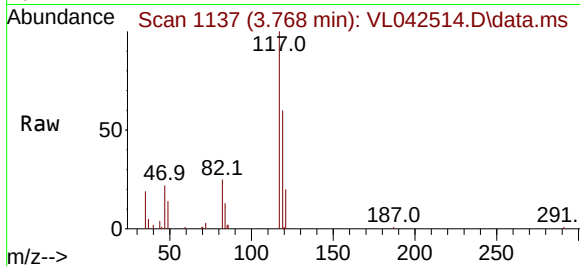




#35
Carbon Tetrachloride
Concen: 0.296 ppbv
RT: 3.768 min Scan# 1134
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

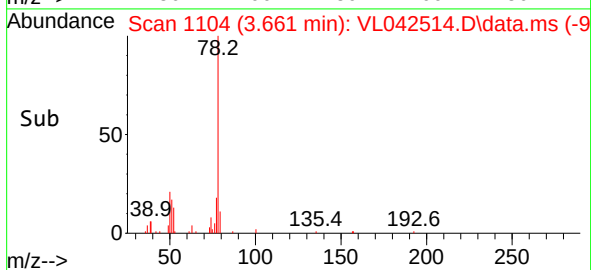
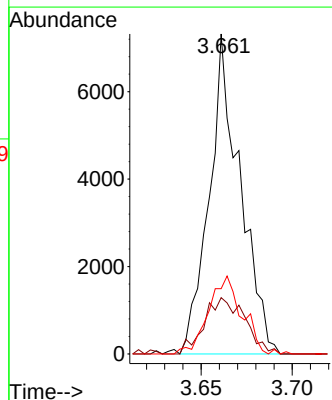
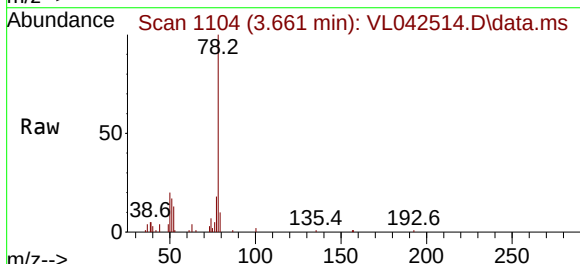
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

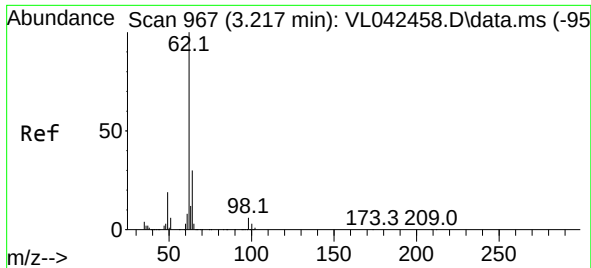
Tgt Ion:117 Resp: 5205
Ion Ratio Lower Upper
117 100
119 56.9 78.1 117.1#
121 21.2 23.0 34.6#



#36
Benzene
Concen: 0.473 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 78 Resp: 8632
Ion Ratio Lower Upper
78 100
77 17.6 18.9 28.3#
50 20.4 18.4 27.6

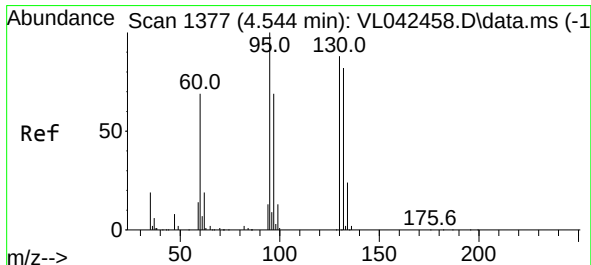
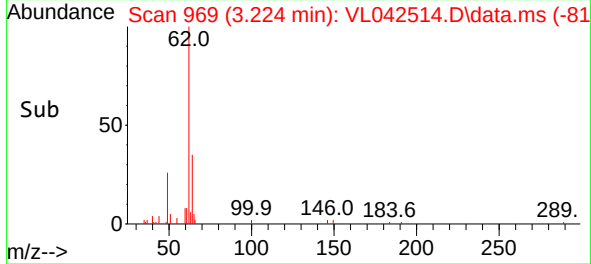
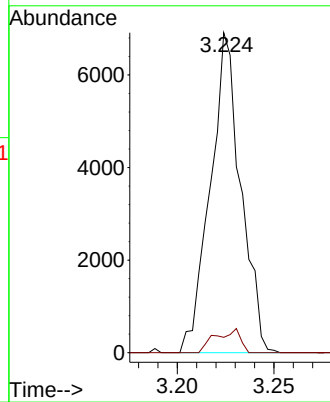
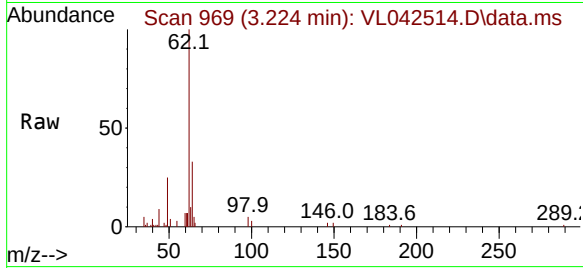




#37
1,2-Dichloroethane
Concen: 0.539 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

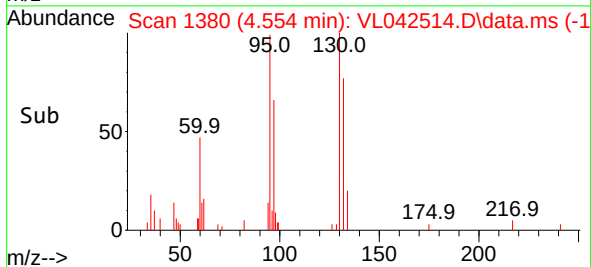
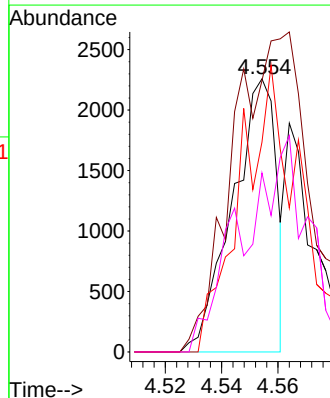
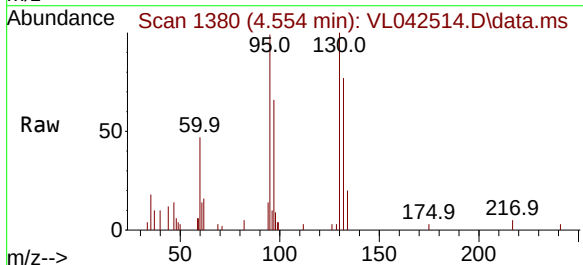
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

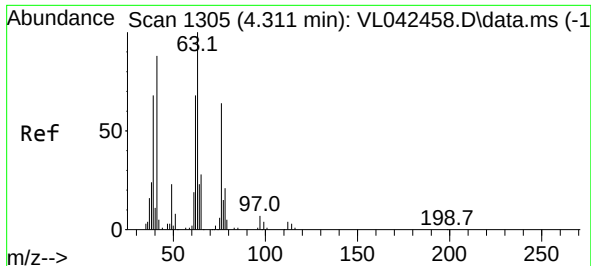
Tgt Ion: 62 Resp: 7577
Ion Ratio Lower Upper
62 100
98 6.1 4.3 6.5



#38
Trichloroethene
Concen: 0.351 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 130 Resp: 2446
Ion Ratio Lower Upper
130 100
95 99.3 91.0 136.4
132 76.8 74.2 111.4
97 65.5 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.282 ppbv

RT: 4.321 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

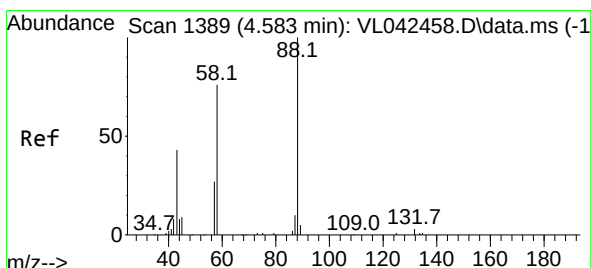
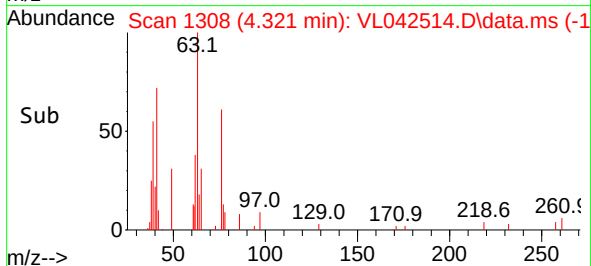
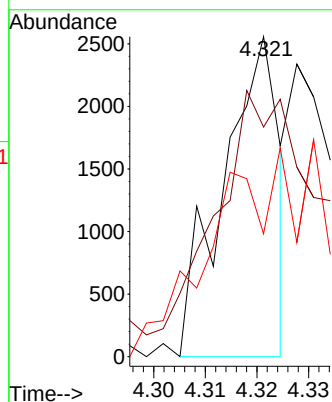
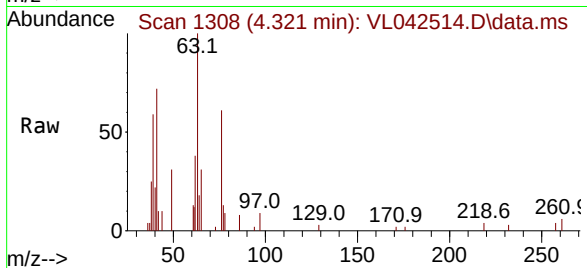
Tgt Ion: 63 Resp: 1927

Ion Ratio Lower Upper

63 100

41 51.9 69.8 104.6#

62 11.6 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.194 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.036 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Tgt Ion: 88 Resp: 622

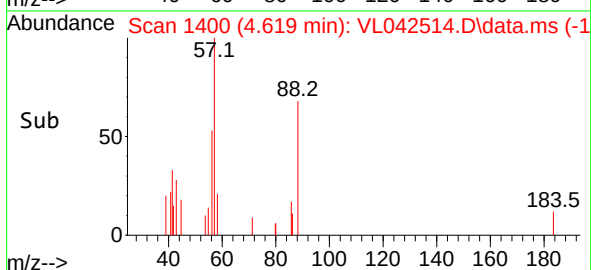
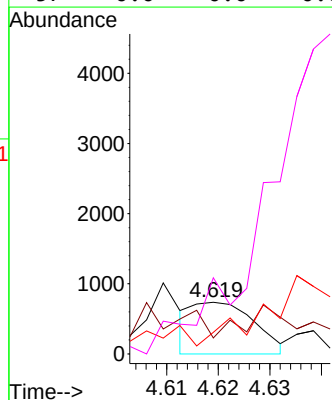
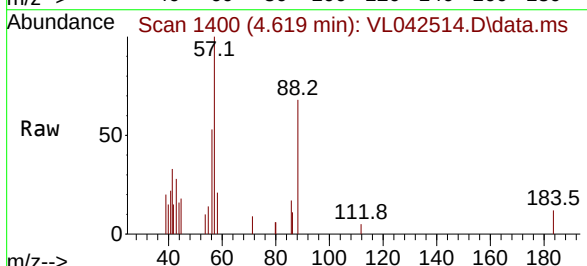
Ion Ratio Lower Upper

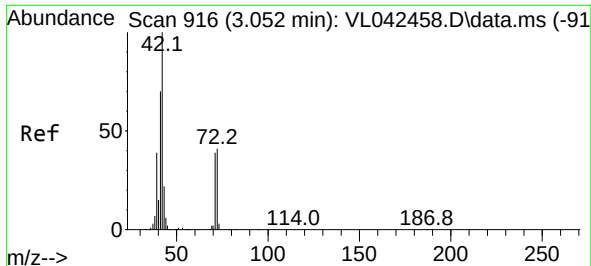
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

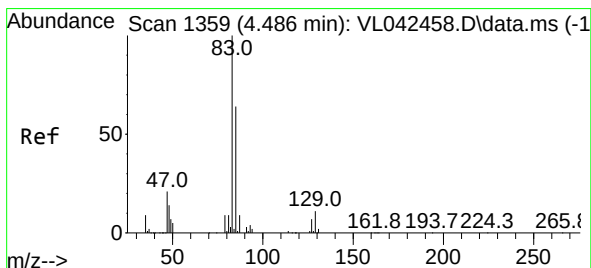
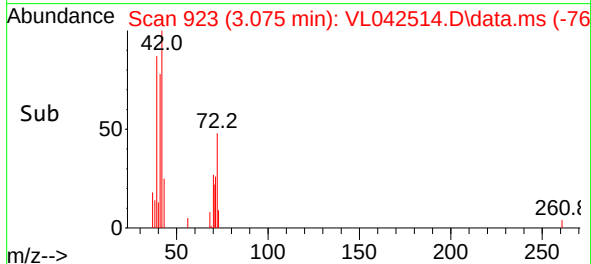
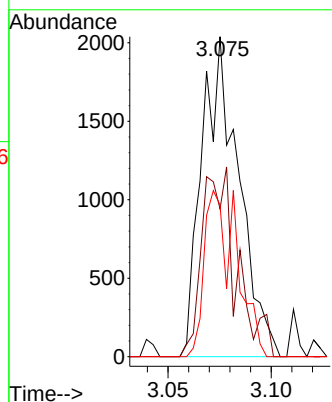
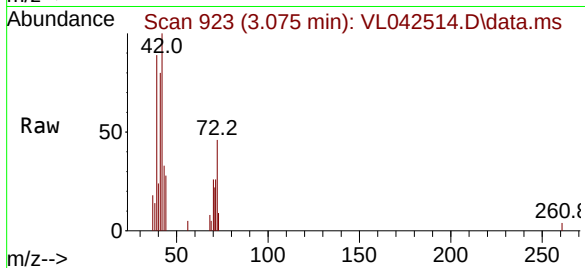




#41
Tetrahydrofuran
Concen: 0.382 ppbv
RT: 3.075 min Scan# 916
Delta R.T. 0.023 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

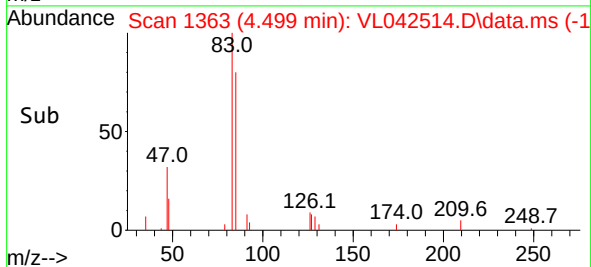
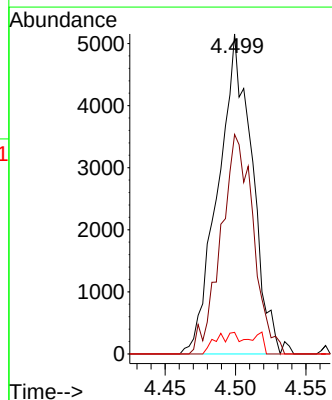
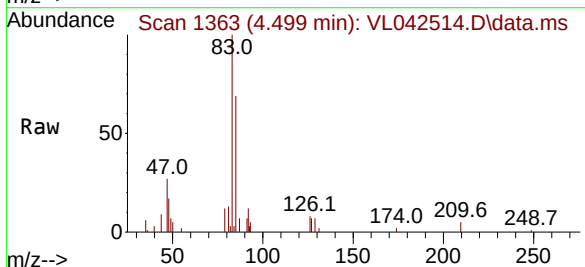
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

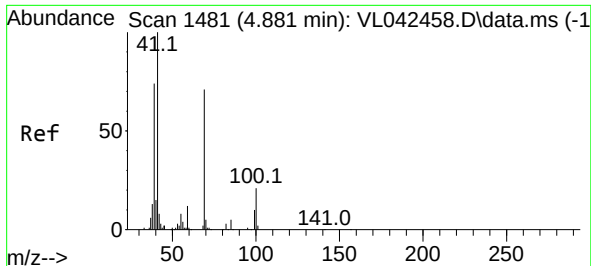
Tgt Ion: 42 Resp: 2537
Ion Ratio Lower Upper
42 100
72 54.6 33.5 50.3#
71 45.1 32.6 49.0



#42
Bromodichloromethane
Concen: 0.502 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 83 Resp: 8625
Ion Ratio Lower Upper
83 100
85 68.6 51.5 77.3
127 6.8 5.4 8.2

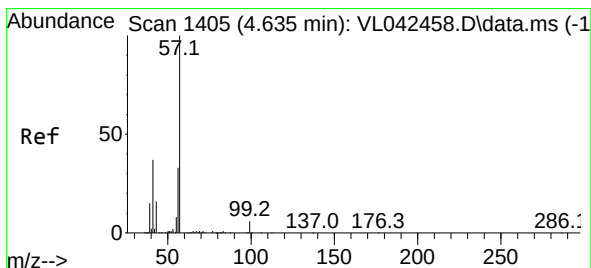
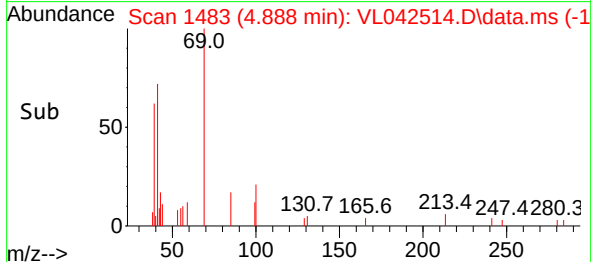
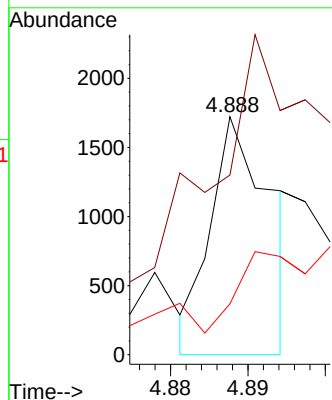
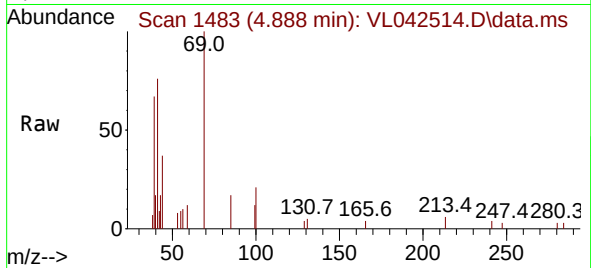




#43
Methyl Methacrylate
Concen: 0.137 ppbv
RT: 4.888 min Scan# 1411
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

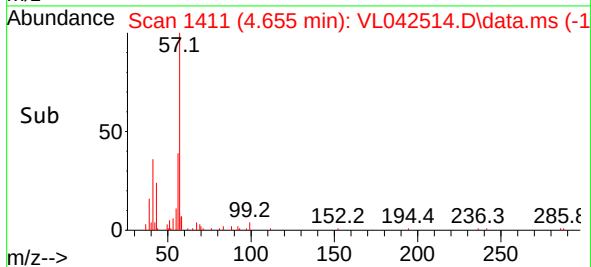
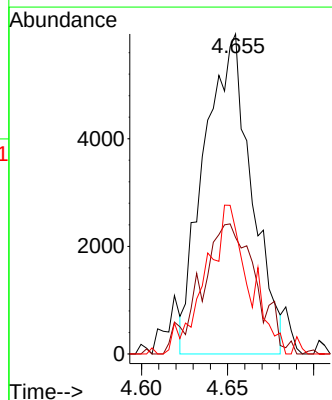
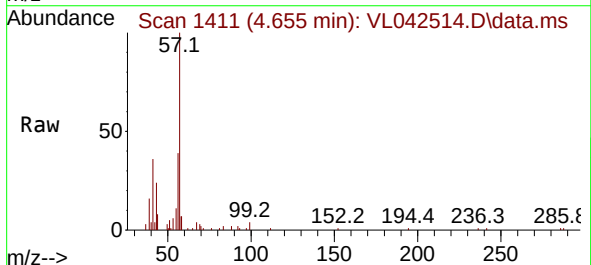
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

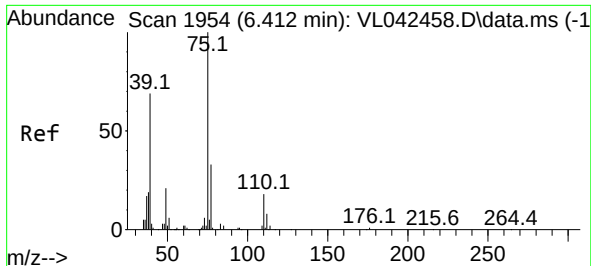
Tgt Ion: 69 Resp: 935
Ion Ratio Lower Upper
69 100
41 430.4 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.384 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. 0.020 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 57 Resp: 11352
Ion Ratio Lower Upper
57 100
41 47.6 30.6 45.8#
56 43.6 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.147 ppbv

RT: 6.435 min Scan# 1954

Delta R.T. 0.023 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

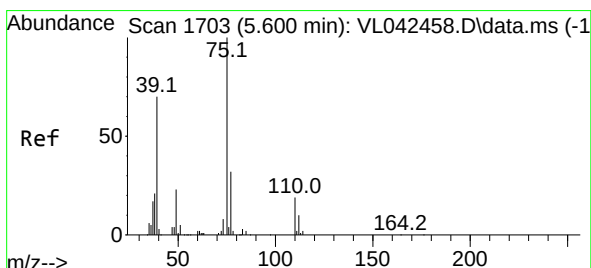
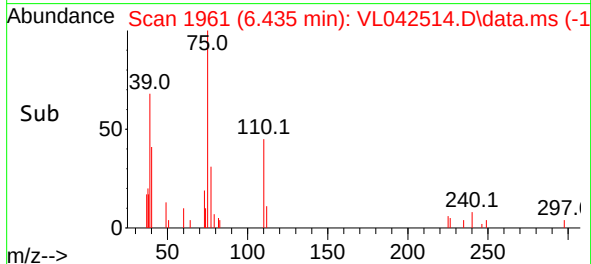
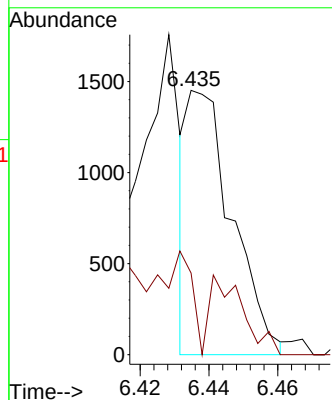
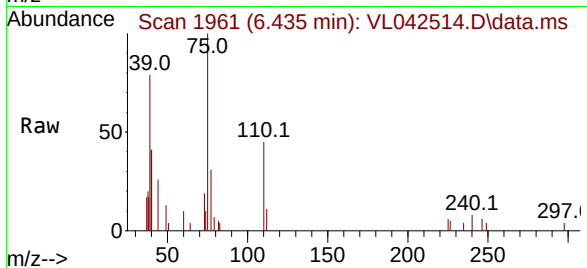
MDL3 0.45

Tgt Ion: 75 Resp: 1315

Ion Ratio Lower Upper

75 100

77 30.9 26.3 39.5



#46

cis-1,3-Dichloropropene

Concen: 0.086 ppbv

RT: 5.616 min Scan# 1708

Delta R.T. 0.016 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

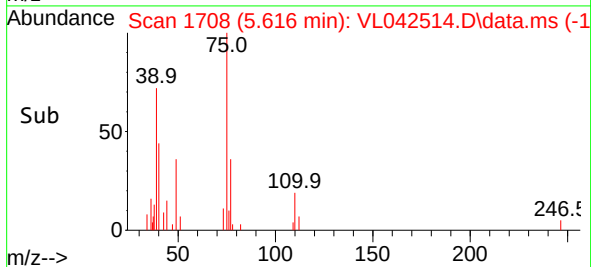
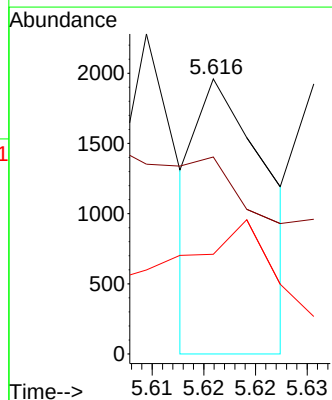
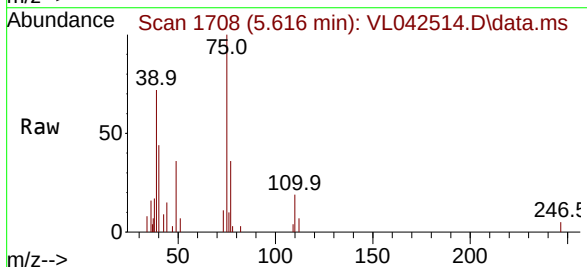
Tgt Ion: 75 Resp: 910

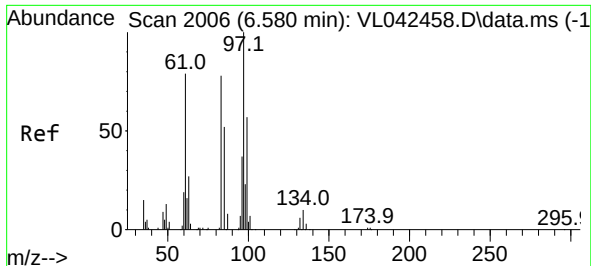
Ion Ratio Lower Upper

75 100

39 61.8 55.7 83.5

77 27.7 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 0.260 ppbv

RT: 6.593 min Scan# 2010

Delta R.T. 0.013 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

Tgt Ion: 97 Resp: 1951

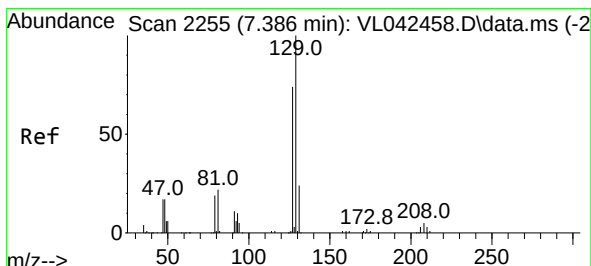
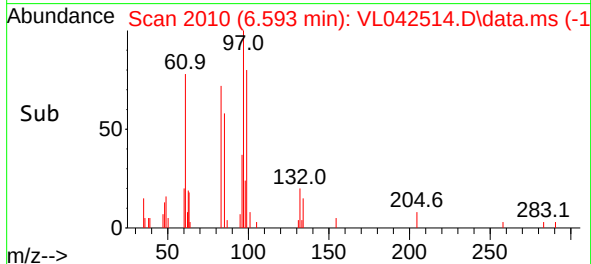
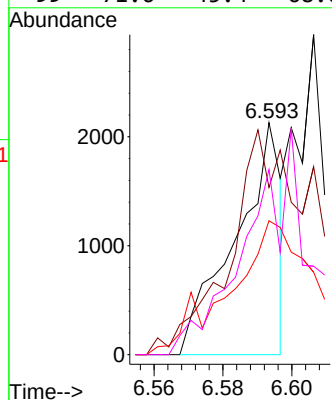
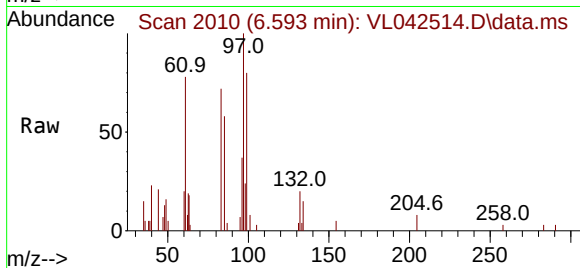
Ion Ratio Lower Upper

97 100

83 59.0 62.2 93.2#

85 48.6 41.5 62.3

99 71.6 45.4 68.0#



#48

Dibromochloromethane

Concen: 0.388 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. 0.013 min

Lab File: VL042514.D

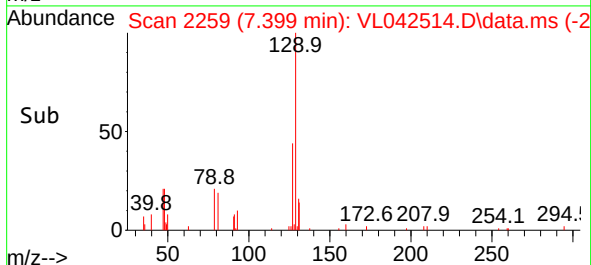
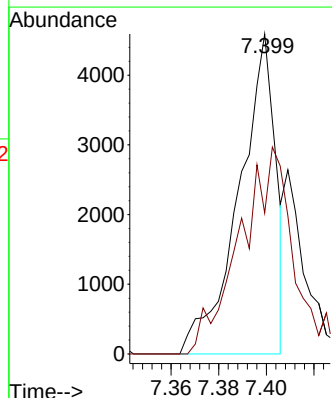
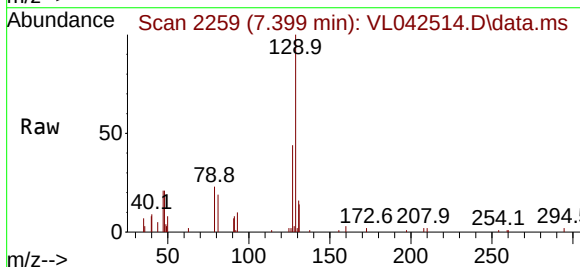
Acq: 07 May 2025 12:43

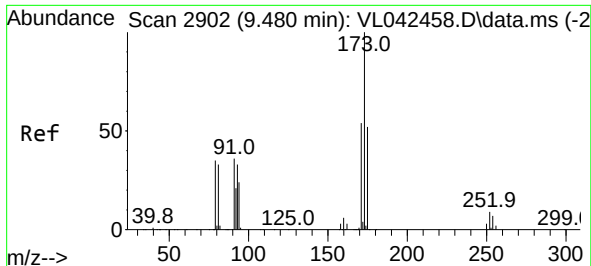
Tgt Ion: 129 Resp: 4913

Ion Ratio Lower Upper

129 100

127 95.3 39.5 118.5





#49

Bromoform

Concen: 0.015 ppbv

RT: 9.513 min Scan# 2902

Delta R.T. 0.033 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

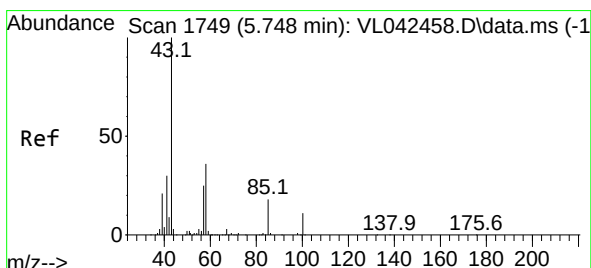
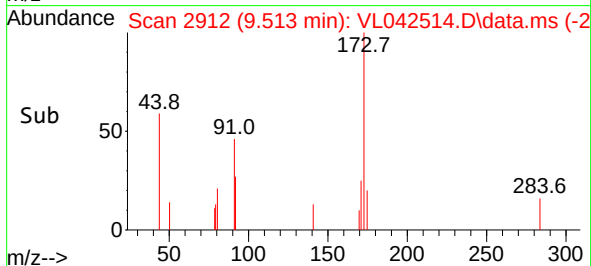
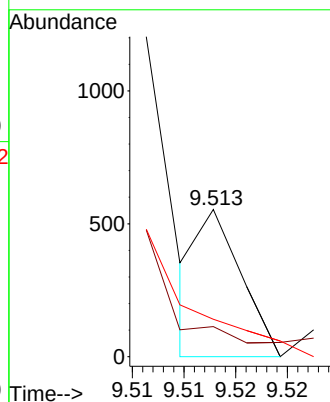
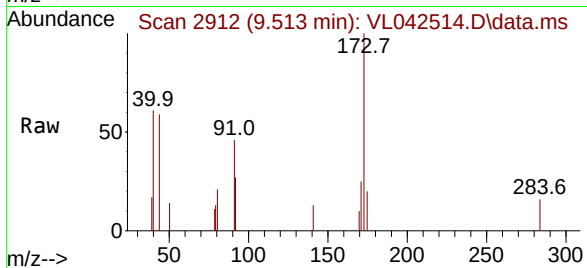
Tgt Ion:173 Resp: 158

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 0.0 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.117 ppbv

RT: 5.771 min Scan# 1756

Delta R.T. 0.023 min

Lab File: VL042514.D

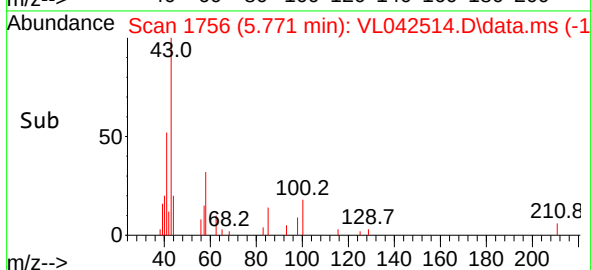
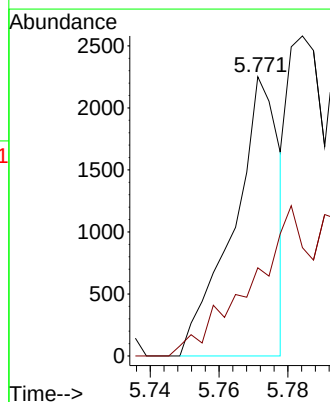
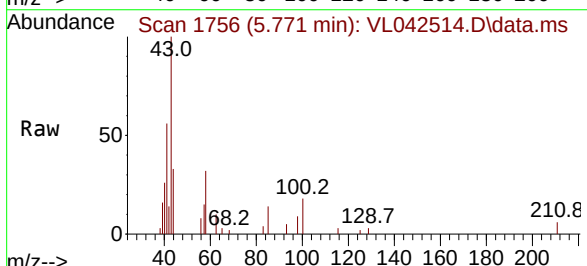
Acq: 07 May 2025 12:43

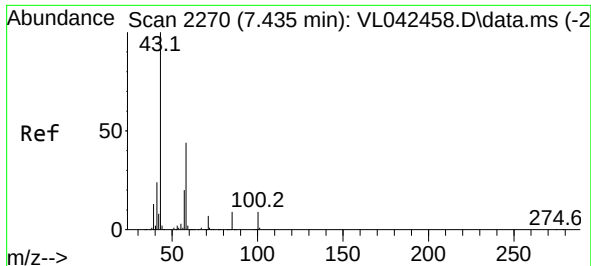
Tgt Ion: 43 Resp: 2077

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

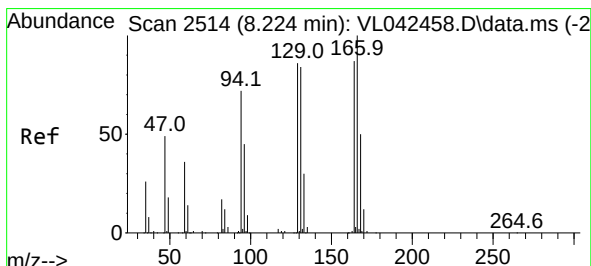
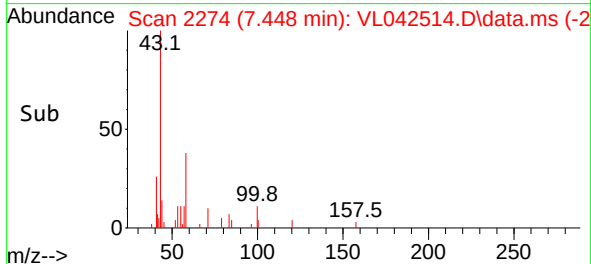
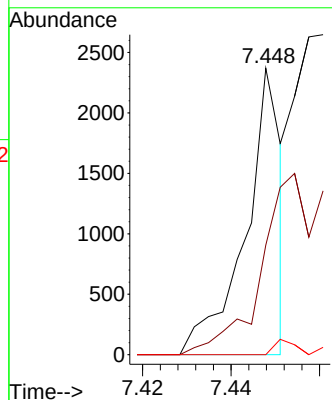
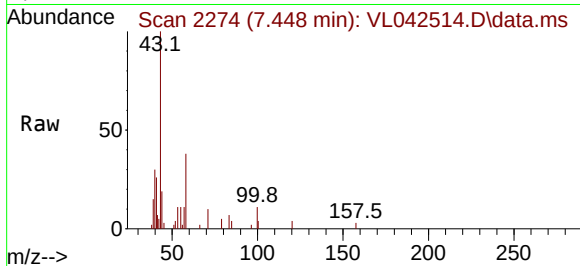




#51
2-Hexanone
Concen: 0.095 ppbv
RT: 7.448 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

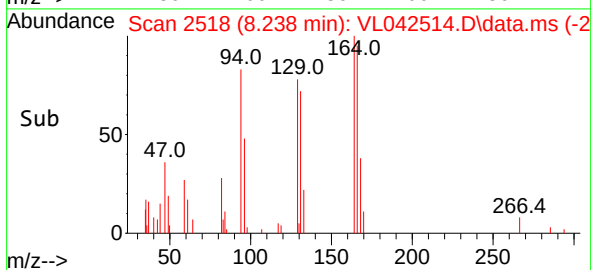
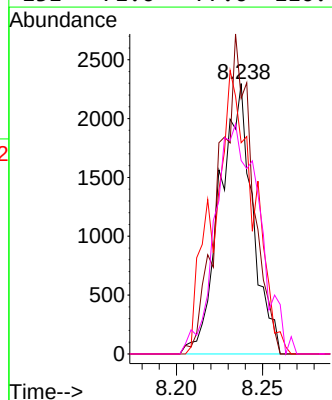
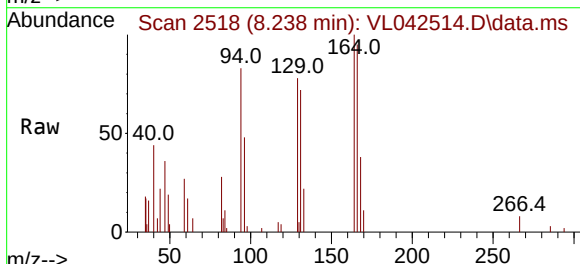
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

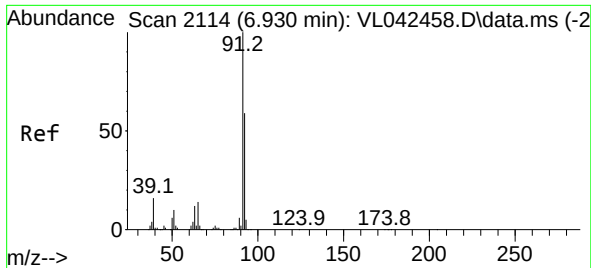
Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 5.1 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.438 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 164 Resp: 3041
Ion Ratio Lower Upper
164 100
166 94.6 91.6 137.4
129 78.1 79.0 118.4#
131 71.6 77.6 116.4#





#53

Toluene

Concen: 0.338 ppbv

RT: 6.946 min Scan# 2119

Delta R.T. 0.016 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

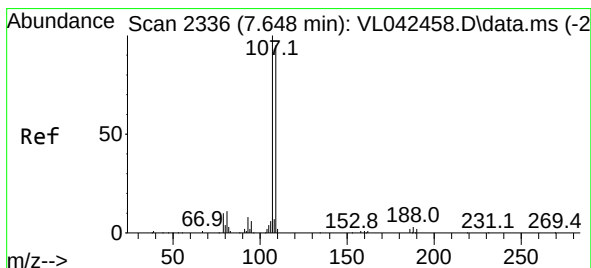
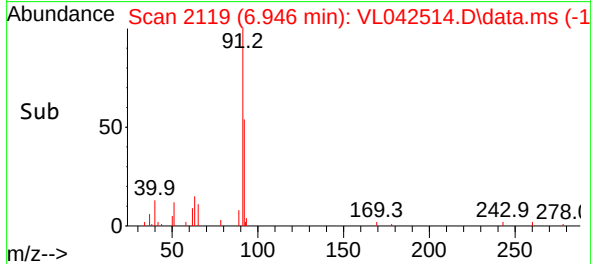
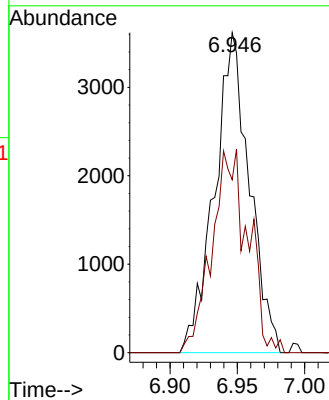
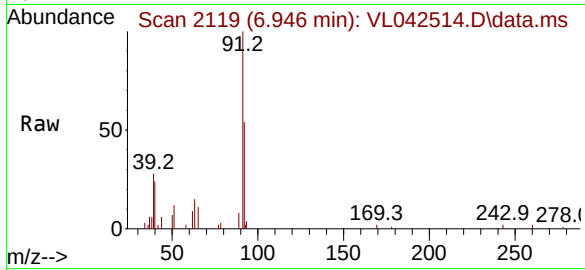
MDL3 0.45

Tgt Ion: 91 Resp: 6537

Ion Ratio Lower Upper

91 100

92 65.6 47.9 71.9



#54

1,2-Dibromoethane

Concen: 0.461 ppbv

RT: 7.665 min Scan# 2341

Delta R.T. 0.016 min

Lab File: VL042514.D

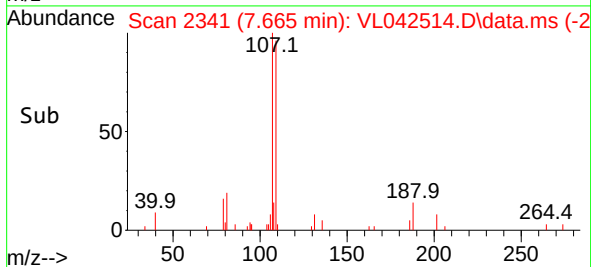
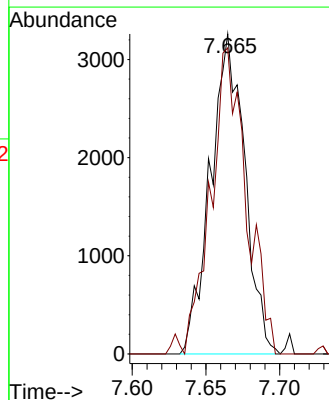
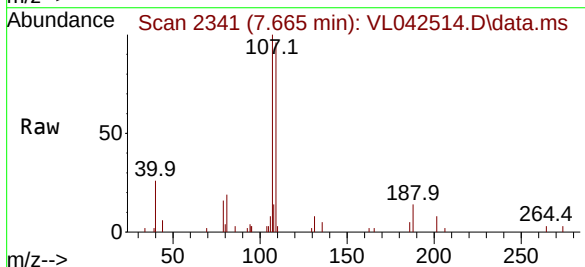
Acq: 07 May 2025 12:43

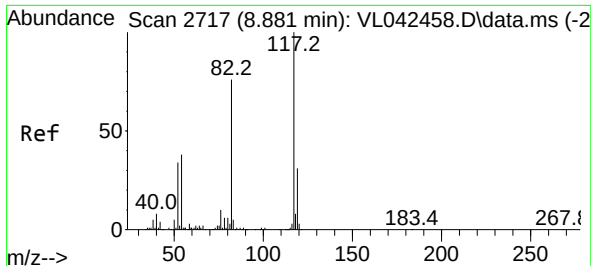
Tgt Ion: 107 Resp: 5276

Ion Ratio Lower Upper

107 100

109 95.7 76.0 114.0

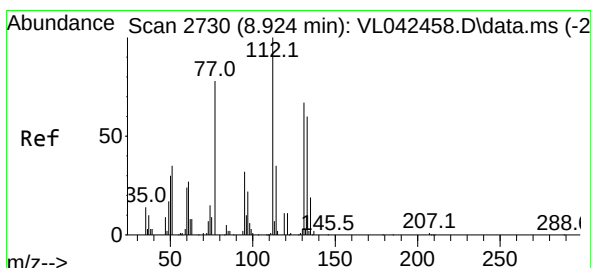
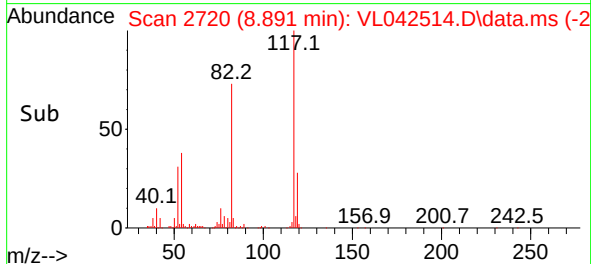
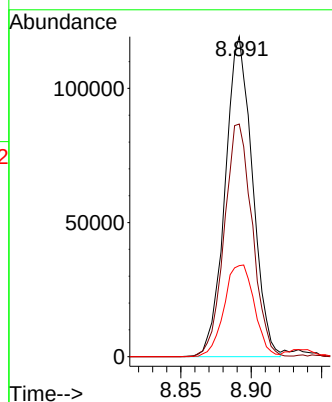
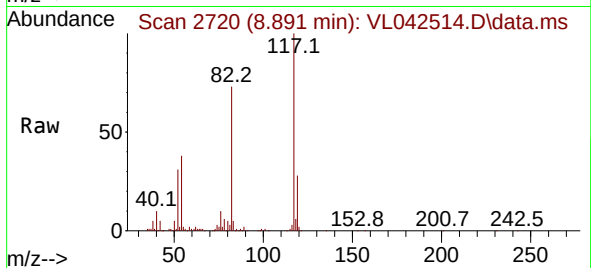




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

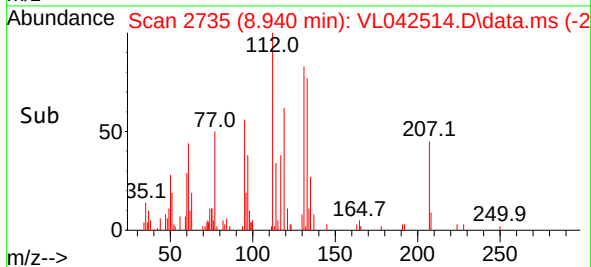
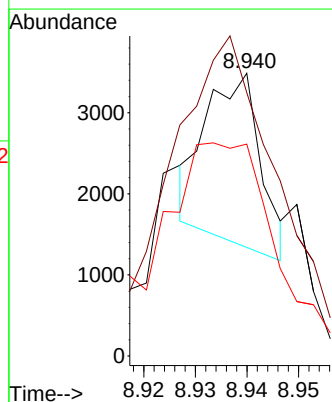
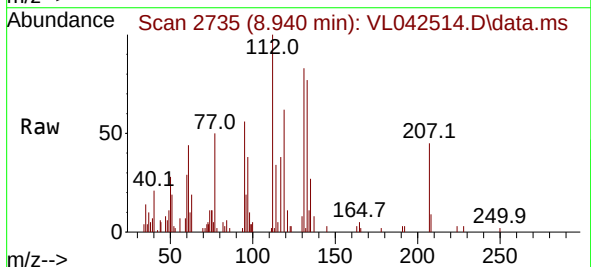
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

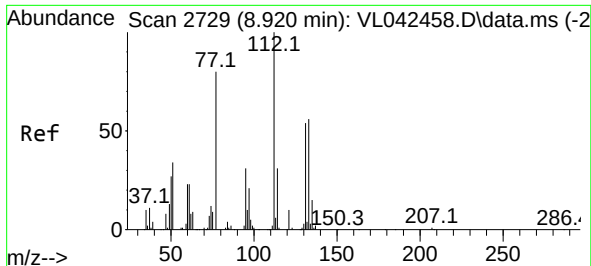
Tgt Ion:117 Resp: 161117
Ion Ratio Lower Upper
117 100
82 74.9 63.5 95.3
119 32.1 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.158 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.016 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:131 Resp: 1500
Ion Ratio Lower Upper
131 100
133 391.3 76.0 114.0#
119 199.1 46.1 69.1#

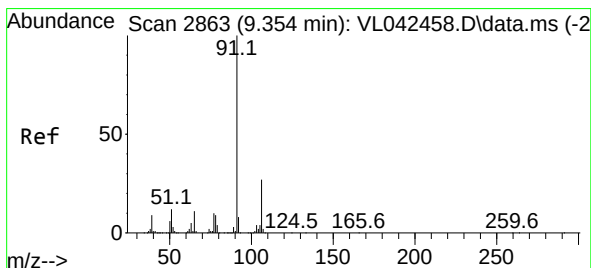
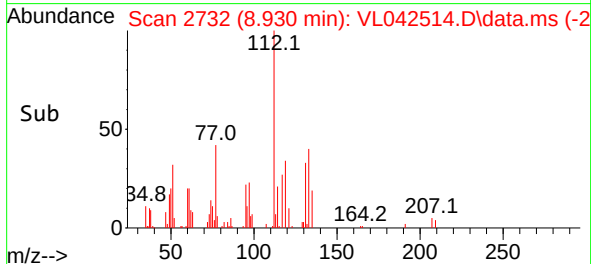
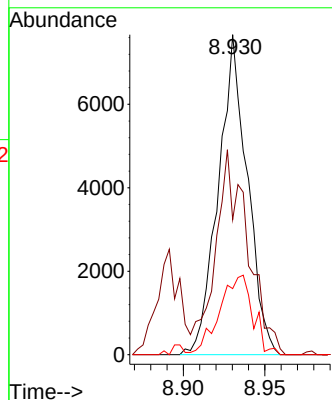
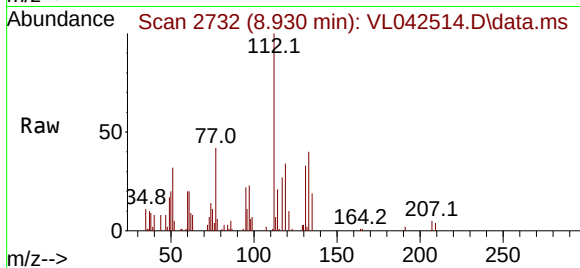




#57
Chlorobenzene
Concen: 0.587 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

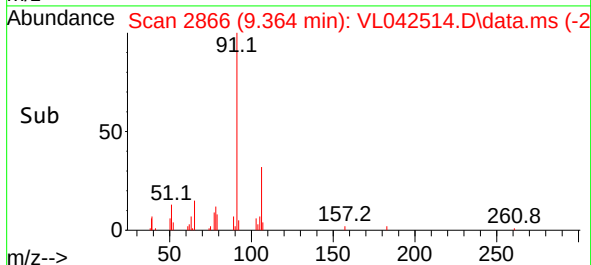
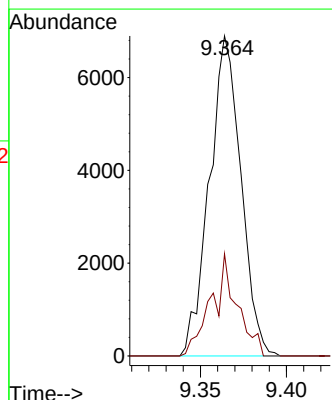
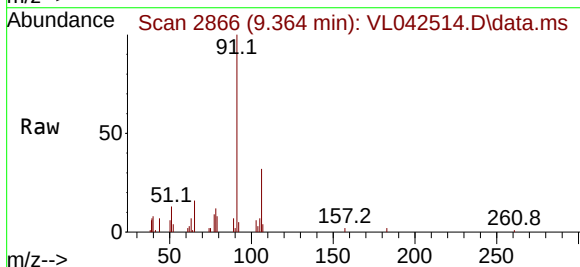
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

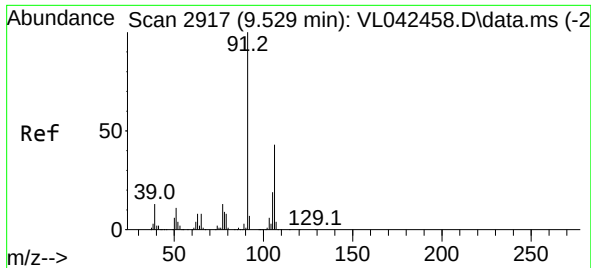
Tgt Ion:112 Resp: 9497
Ion Ratio Lower Upper
112 100
77 40.3 65.0 97.4#
114 20.7 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.327 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 91 Resp: 8801
Ion Ratio Lower Upper
91 100
106 31.9 21.9 32.9





#59

m/p-Xylene

Concen: 0.228 ppbv

RT: 9.542 min Scan# 2917

Delta R.T. 0.013 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

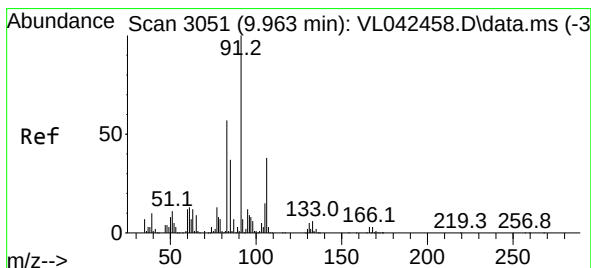
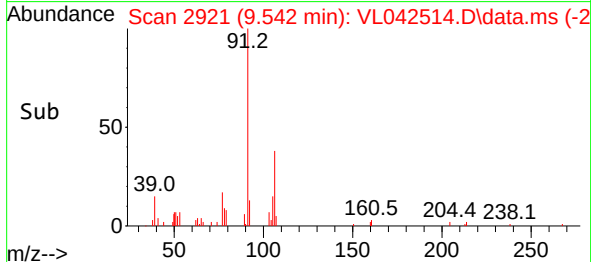
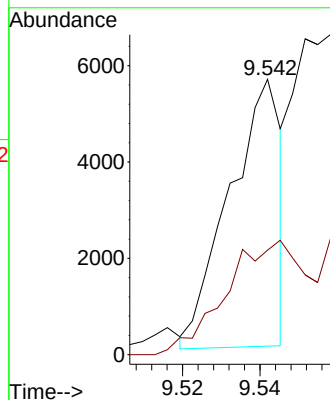
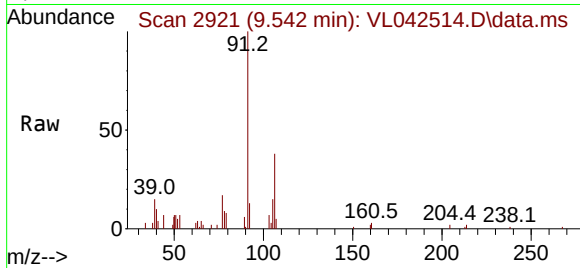
MDL3 0.45

Tgt Ion: 91 Resp: 5155

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.307 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.010 min

Lab File: VL042514.D

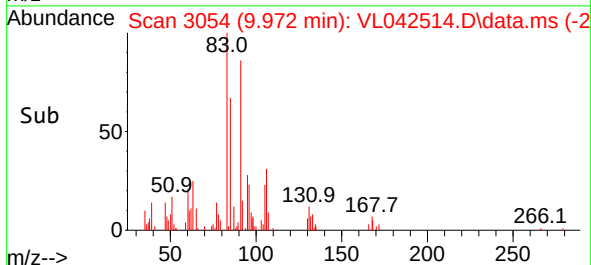
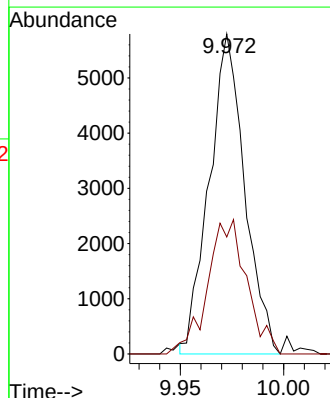
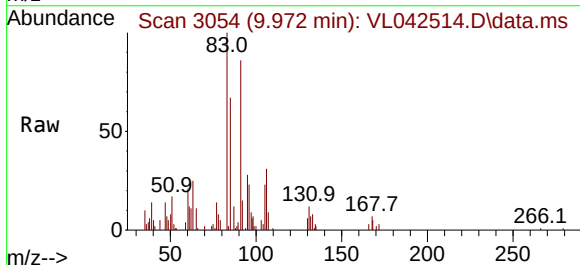
Acq: 07 May 2025 12:43

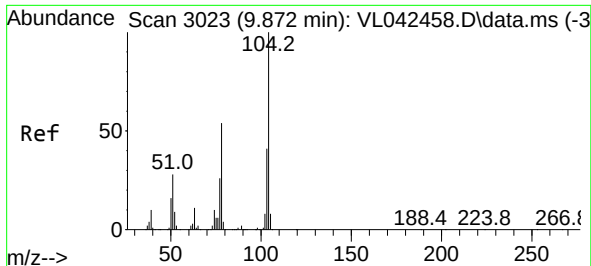
Tgt Ion: 91 Resp: 6935

Ion Ratio Lower Upper

91 100

106 46.2 20.1 60.2

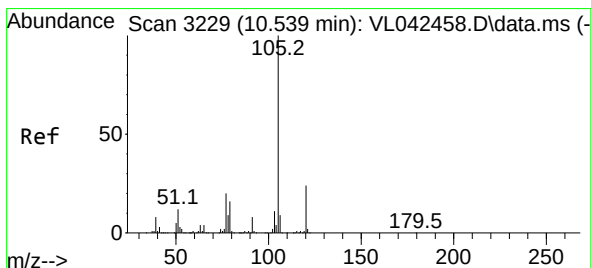
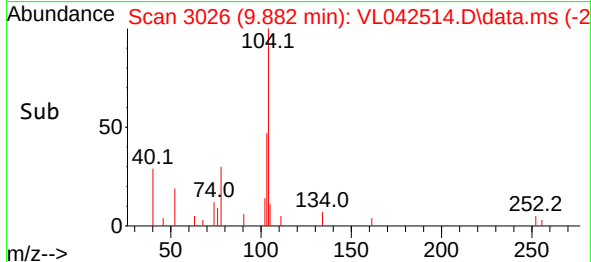
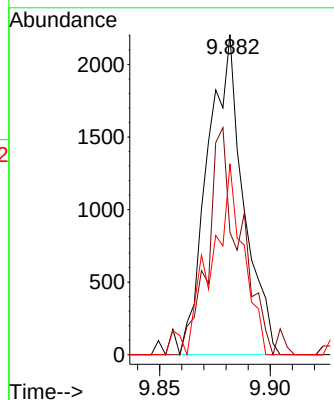
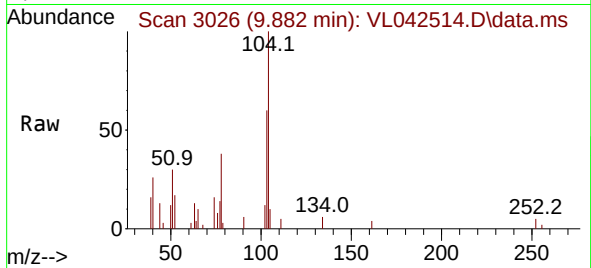




#61
Styrene
Concen: 0.295 ppbv
RT: 9.882 min Scan# 3023
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

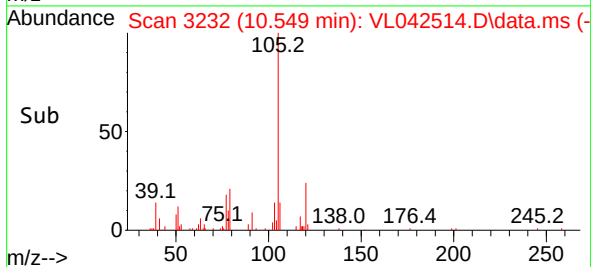
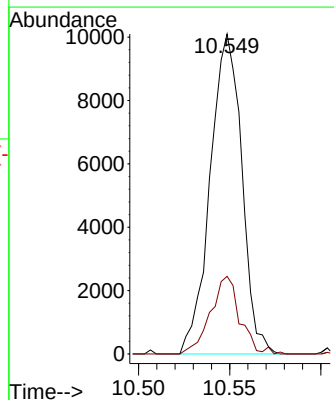
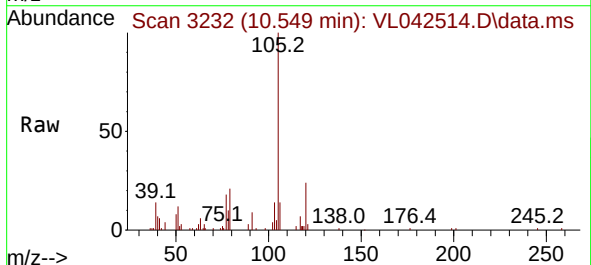
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

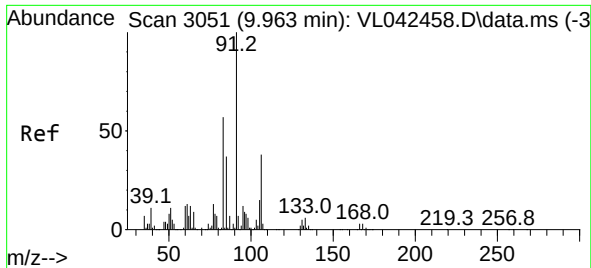
Tgt Ion:104	Resp:	2489
Ion Ratio	Lower	Upper
104	100	
78	64.9	46.9 70.3
103	53.8	36.6 55.0



#62
Isopropylbenzene
Concen: 0.374 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:105	Resp:	12183
Ion Ratio	Lower	Upper
105	100	
120	22.5	18.8 28.2

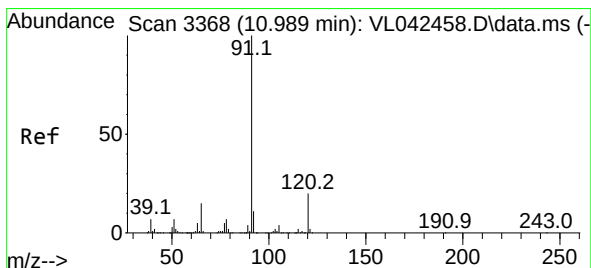
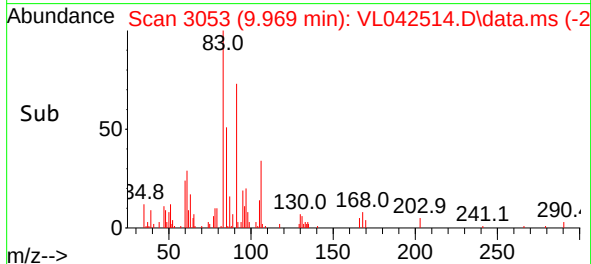
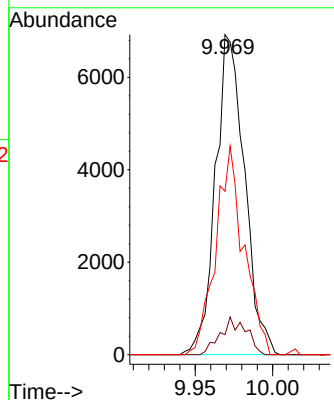
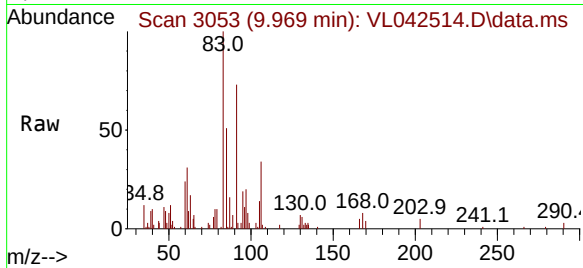




#63
1,1,2,2-Tetrachloroethane
Concen: 0.579 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

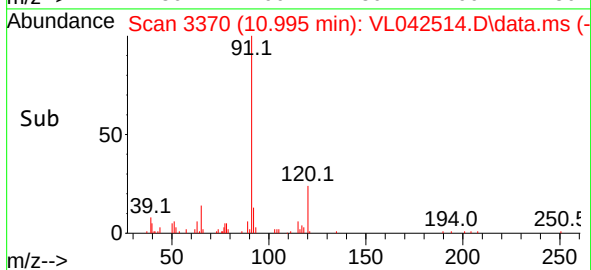
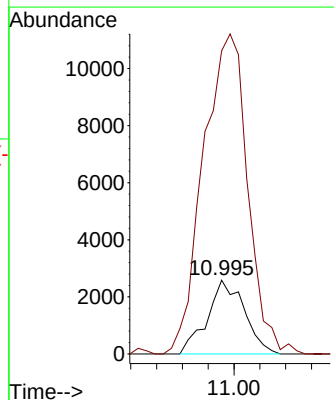
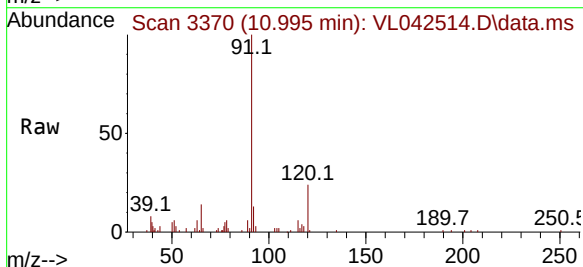
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

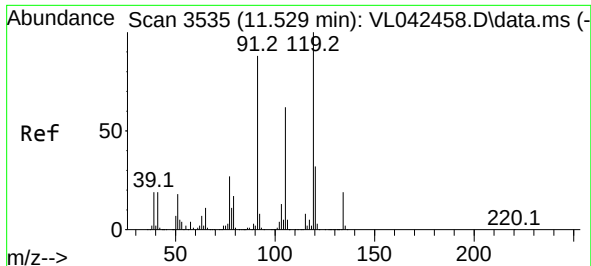
Tgt Ion: 83 Resp: 9024
Ion Ratio Lower Upper
83 100
131 10.4 4.7 14.1
85 63.1 32.5 97.4



#64
n-propylbenzene
Concen: 0.324 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 120 Resp: 2583
Ion Ratio Lower Upper
120 100
91 520.9 408.6 612.8

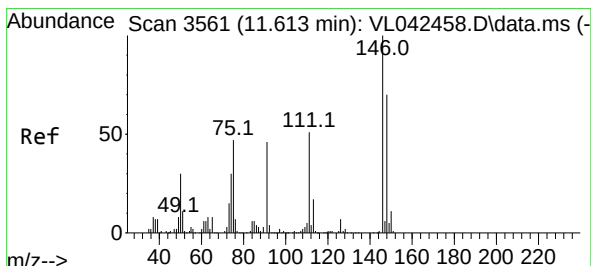
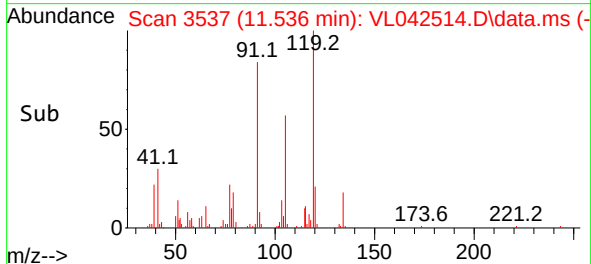
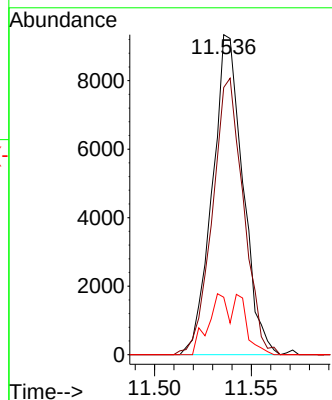
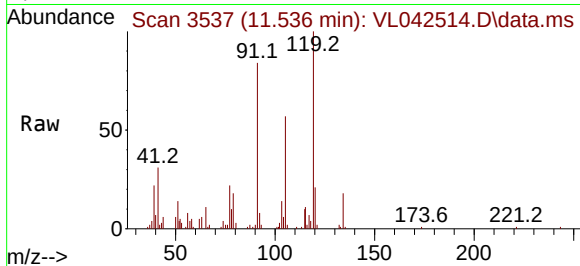




#65
tert-Butylbenzene
Concen: 0.352 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

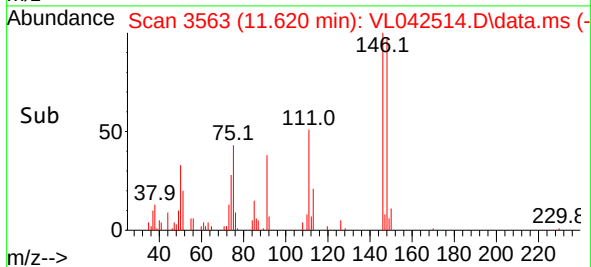
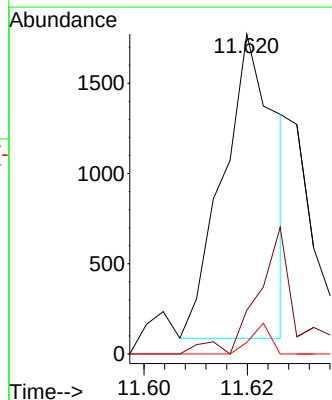
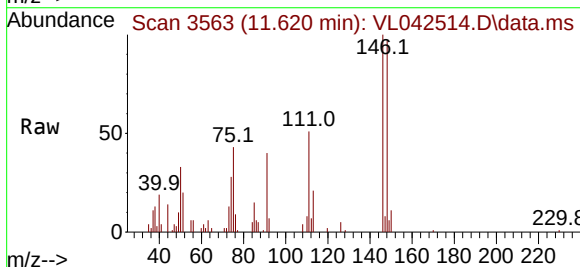
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

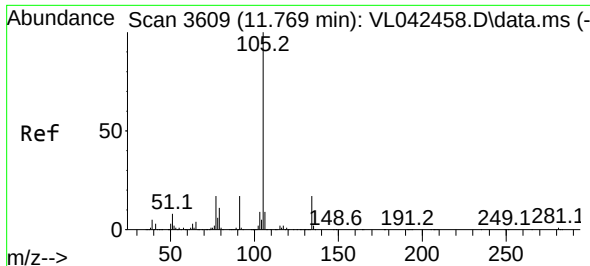
Tgt Ion:	119	Resp:	10253
Ion	Ratio	Lower	Upper
119	100		
91	87.5	71.6	107.4
134	21.2	15.0	22.4



#66
Benzyl Chloride
Concen: 0.357 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:	91	Resp:	1202
Ion	Ratio	Lower	Upper
91	100		
126	31.5	13.3	19.9#
128	3.7	4.2	6.4#

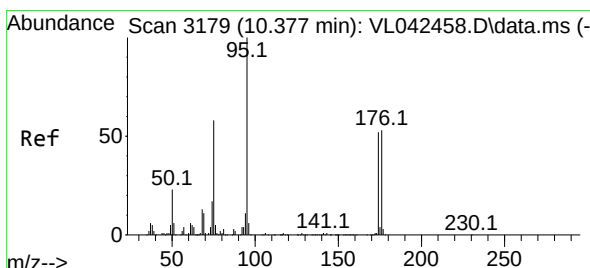
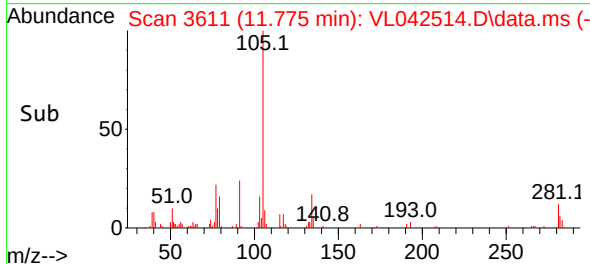
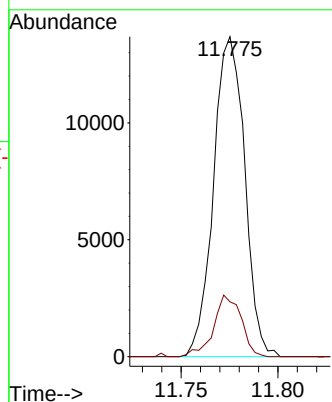
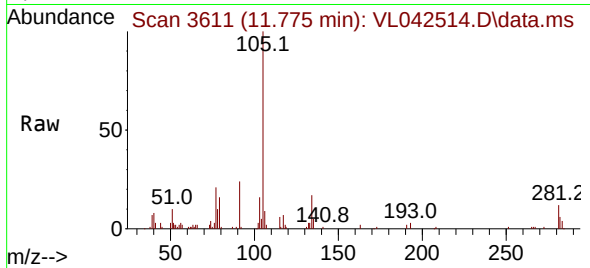




#67
 sec-Butylbenzene
 Concen: 0.370 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

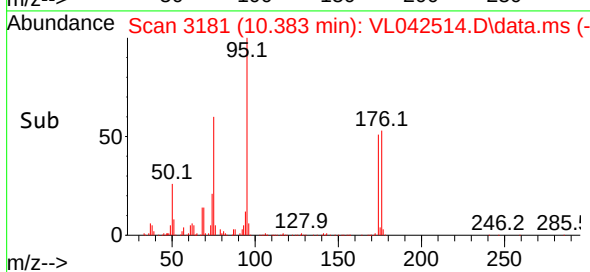
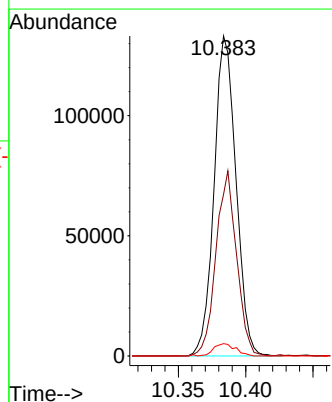
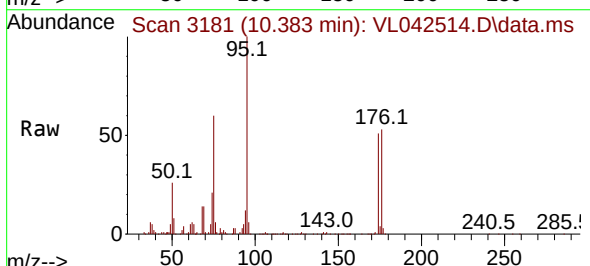
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

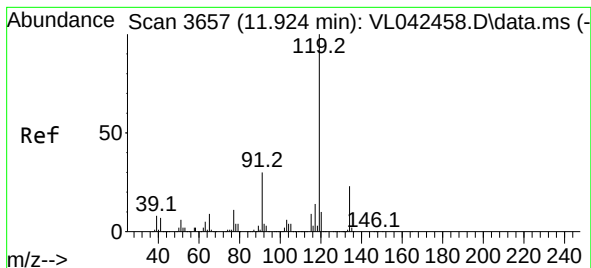
Tgt Ion:105 Resp: 15290
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.074 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion: 95 Resp: 150489
 Ion Ratio Lower Upper
 95 100
 174 54.6 42.7 64.1
 175 3.9 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.330 ppbv

RT: 11.931 min Scan# 3659

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

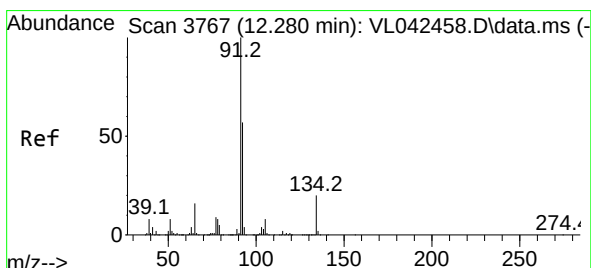
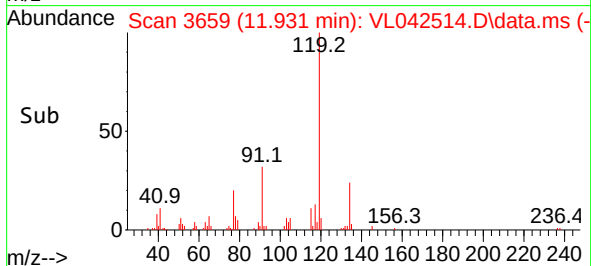
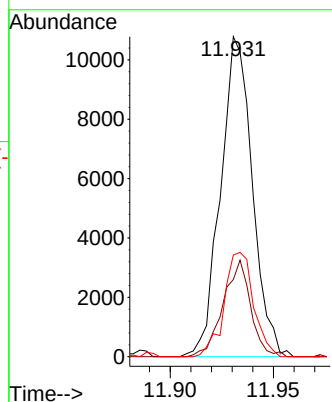
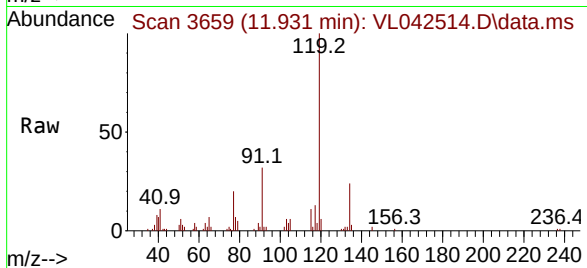
Tgt Ion:119 Resp: 11497

Ion Ratio Lower Upper

119 100

134 26.2 19.0 28.4

91 30.9 25.5 38.3



#70

n-Butylbenzene

Concen: 0.316 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. 0.007 min

Lab File: VL042514.D

Acq: 07 May 2025 12:43

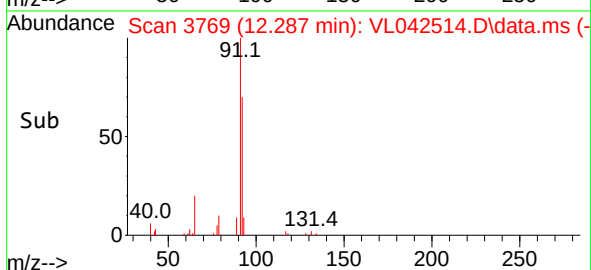
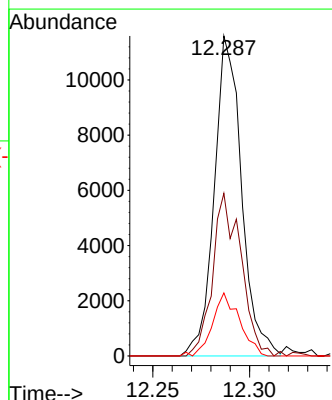
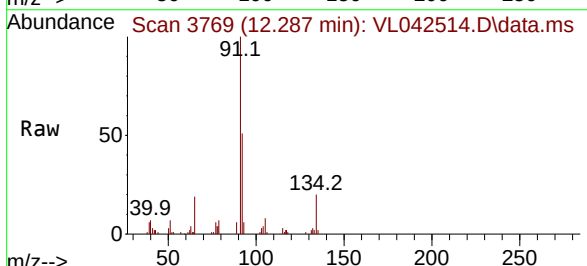
Tgt Ion: 91 Resp: 11365

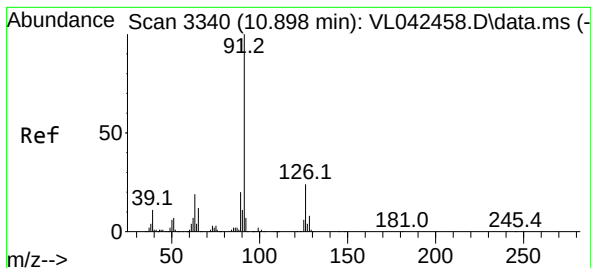
Ion Ratio Lower Upper

91 100

92 53.4 44.0 66.0

134 19.5 16.8 25.2

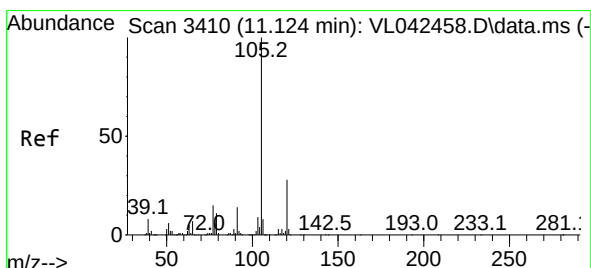
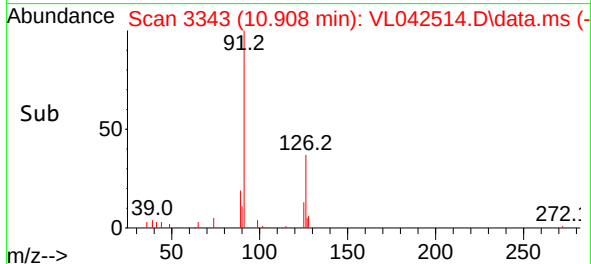
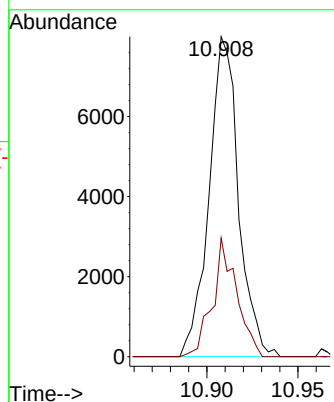
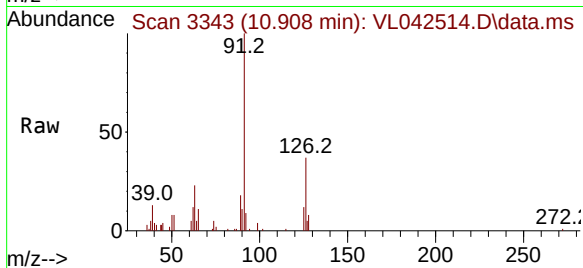




#71
2-Chlorotoluene
Concen: 0.351 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

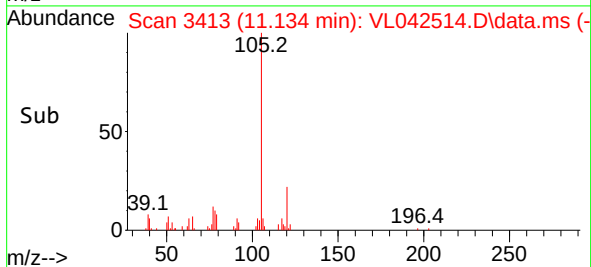
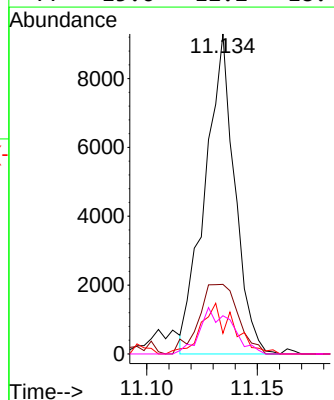
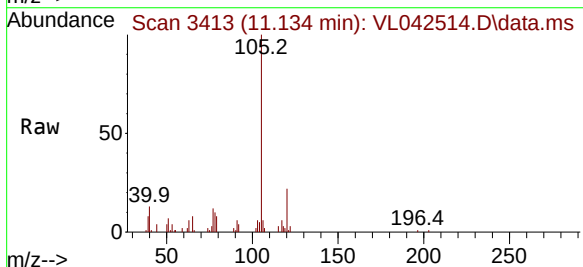
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

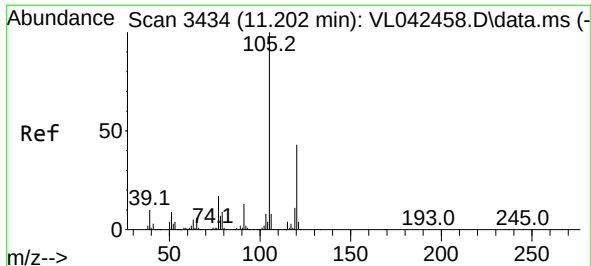
Tgt Ion: 91 Resp: 8976
Ion Ratio Lower Upper
91 100
126 30.5 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.326 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion: 105 Resp: 8691
Ion Ratio Lower Upper
105 100
120 31.0 22.0 33.0
91 18.6 11.2 16.8#
77 15.6 12.2 18.4

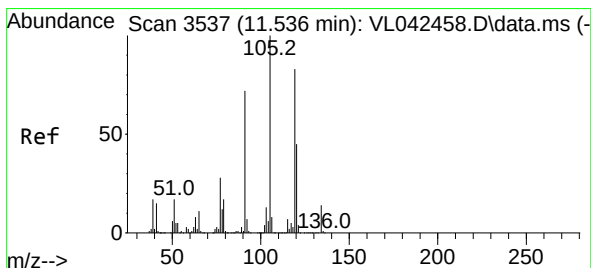
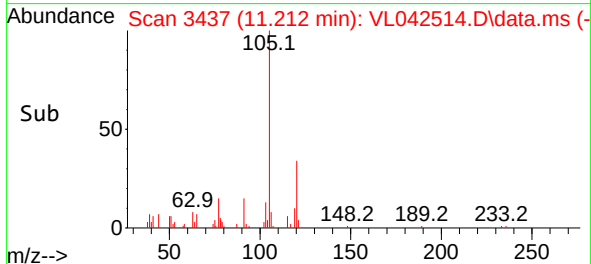
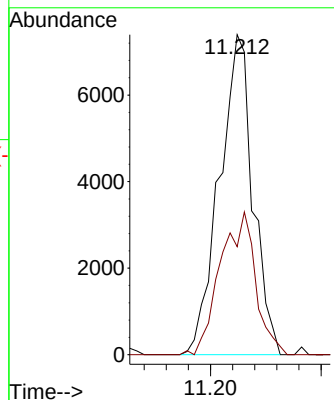
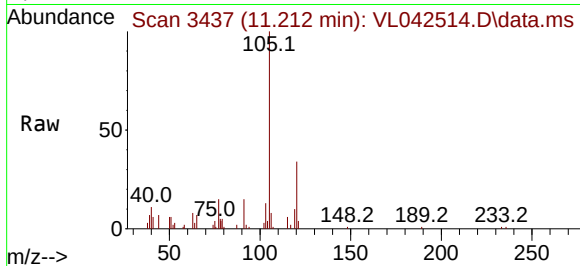




#73
 1,3,5-Trimethylbenzene
 Concen: 0.332 ppbv
 RT: 11.212 min Scan# 3437
 Delta R.T. 0.010 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

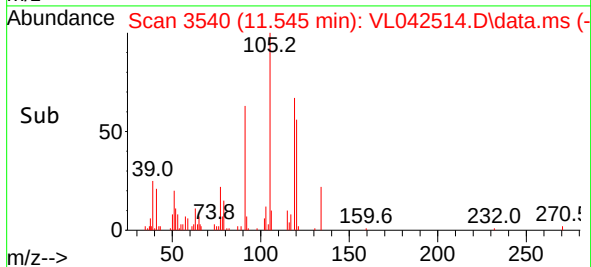
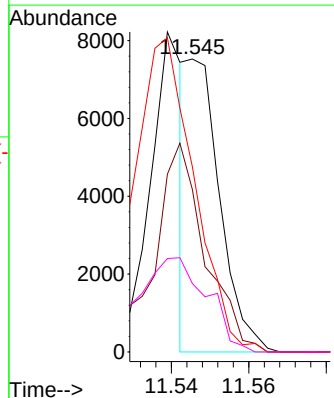
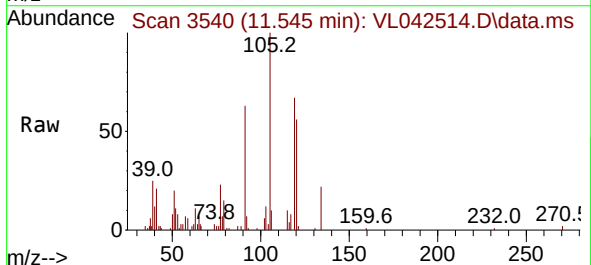
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

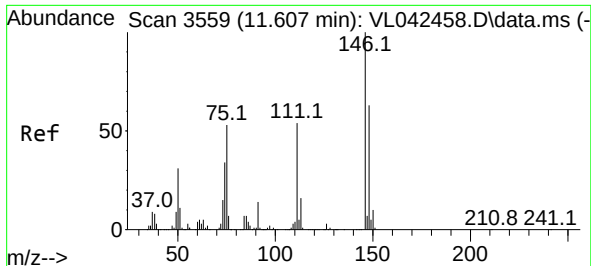
Tgt Ion:105 Resp: 7777
 Ion Ratio Lower Upper
 105 100
 120 33.7 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.155 ppbv
 RT: 11.545 min Scan# 3540
 Delta R.T. 0.010 min
 Lab File: VL042514.D
 Acq: 07 May 2025 12:43

Tgt Ion:105 Resp: 4409
 Ion Ratio Lower Upper
 105 100
 120 54.8 36.1 54.1#
 91 63.3 57.6 86.4
 77 23.4 22.1 33.1

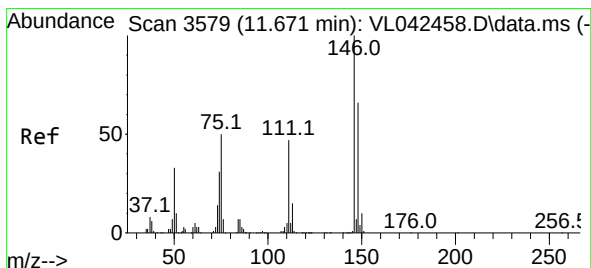
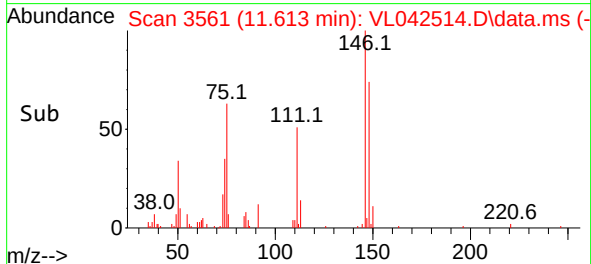
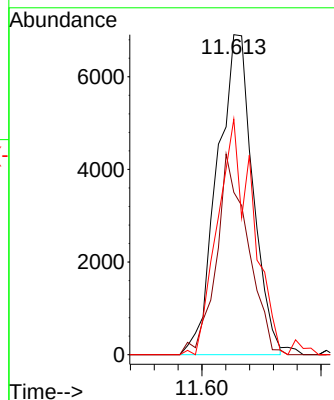
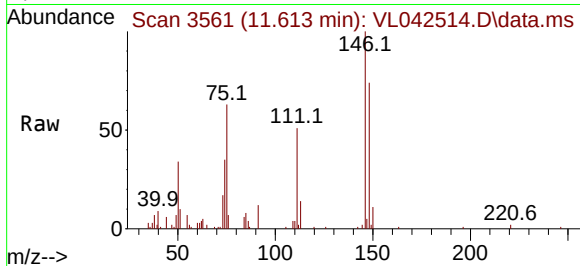




#75
1,3-Dichlorobenzene
Concen: 0.454 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

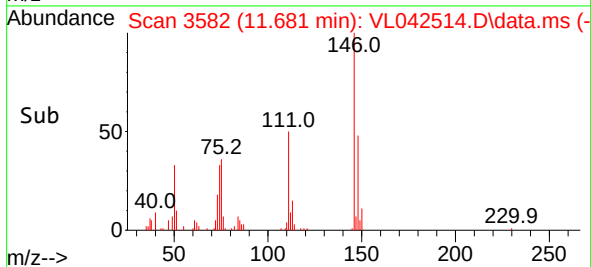
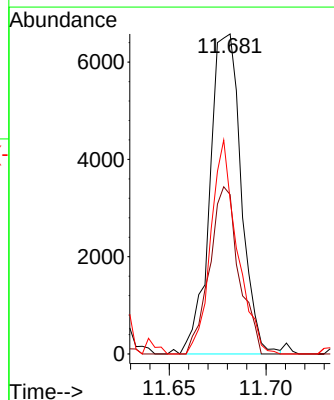
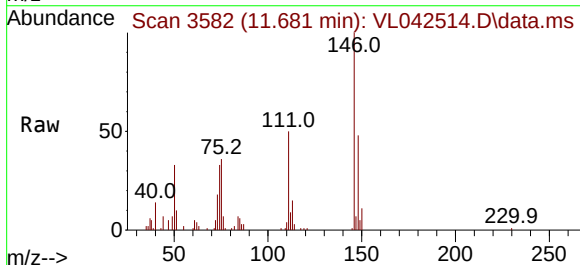
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

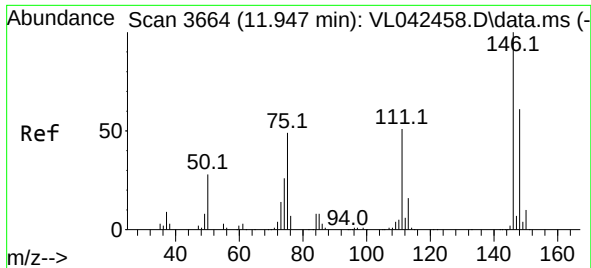
Tgt Ion:146 Resp: 7162
Ion Ratio Lower Upper
146 100
111 55.6 26.1 78.3
148 74.8 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 0.495 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. 0.010 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:146 Resp: 7390
Ion Ratio Lower Upper
146 100
111 49.1 24.4 73.2
148 56.2 32.0 96.2

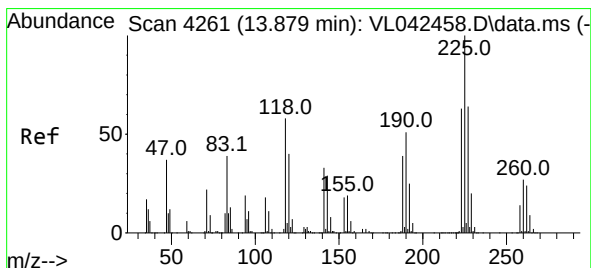
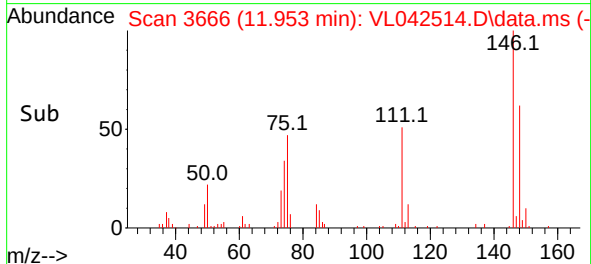
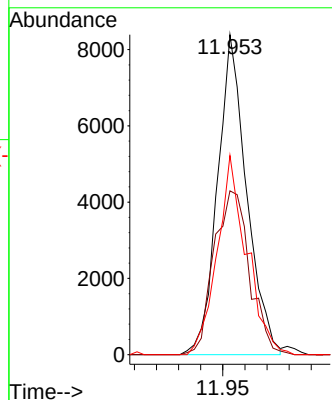
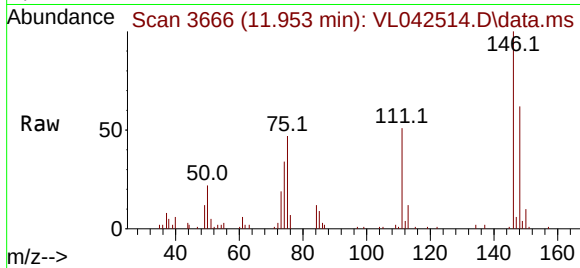




#77
1,2-Dichlorobenzene
Concen: 0.497 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

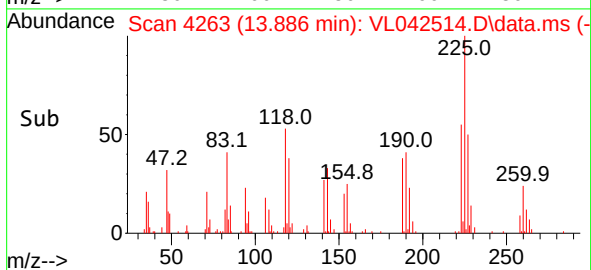
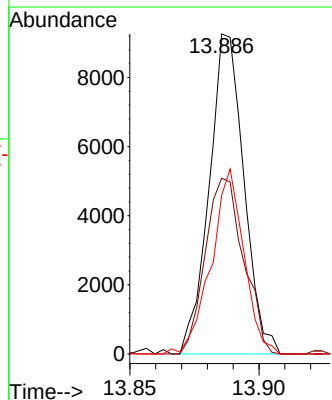
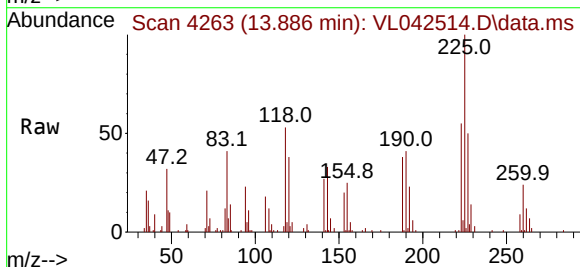
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

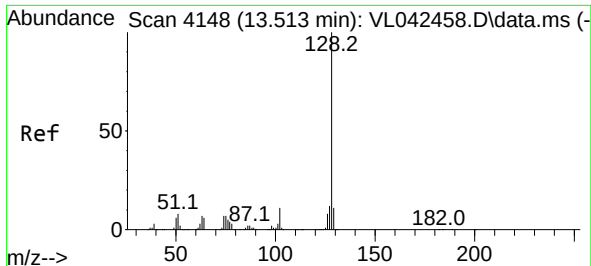
Tgt Ion:	146	Resp:	7680
Ion	Ratio	Lower	Upper
146	100		
111	62.6	26.5	79.5
148	63.1	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.562 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:	225	Resp:	8669
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.2	75.4
227	54.4	51.2	76.8

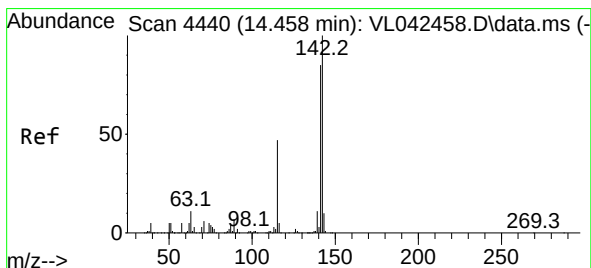
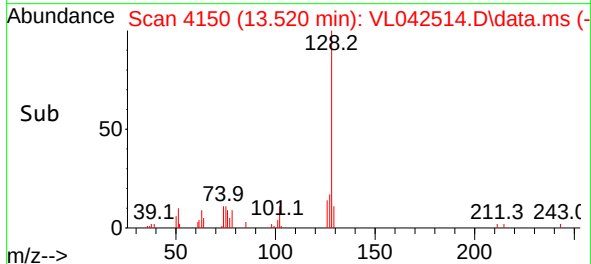
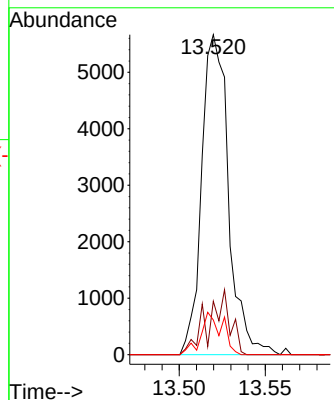
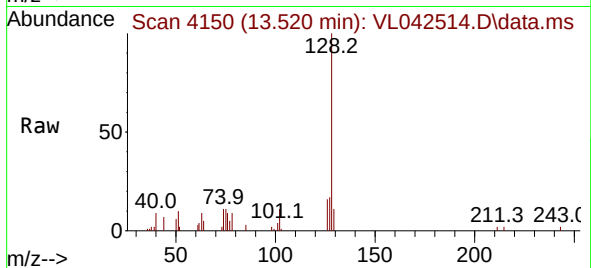




#79
Naphthalene
Concen: 0.258 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.007 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

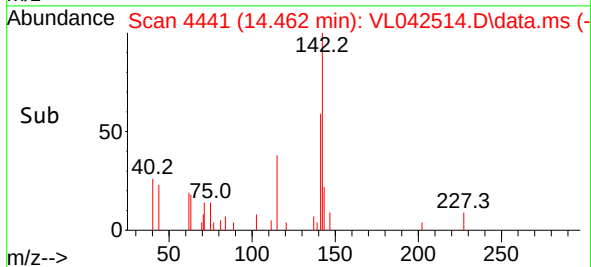
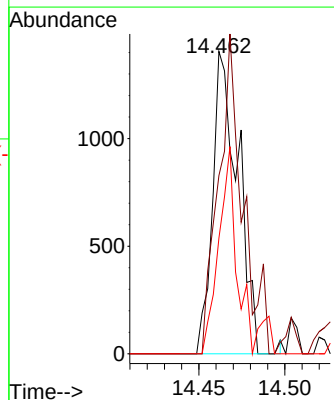
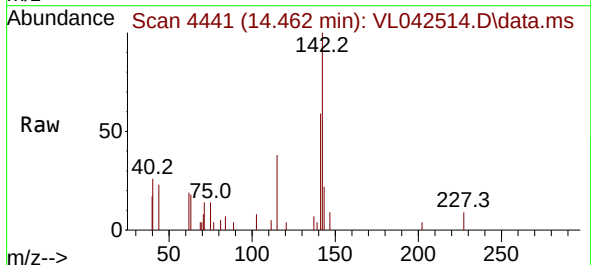
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

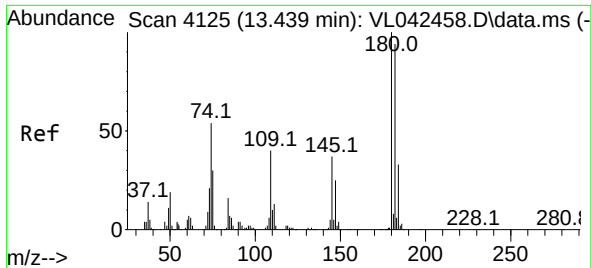
Tgt Ion:128 Resp: 6162
Ion Ratio Lower Upper
128 100
127 16.7 9.7 14.5#
129 10.8 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 0.082 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL042514.D
Acq: 07 May 2025 12:43

Tgt Ion:142 Resp: 1455
Ion Ratio Lower Upper
142 100
141 105.2 67.4 101.0#
115 53.5 36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 0.292 ppbv

RT: 13.449 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL042514.D

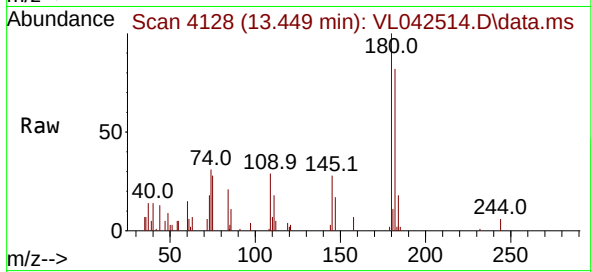
Acq: 07 May 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45



Tgt Ion:180 Resp: 3714

Ion	Ratio	Lower	Upper
180	100		
182	106.9	74.6	111.8
184	28.5	24.9	37.3

180 100

182 106.9 74.6 111.8

184 28.5 24.9 37.3

