

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042520.D
 Acq On : 07 May 2025 16:13
 Operator : SY/MD
 Sample : MDL3 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

Quant Time: May 08 01:39:31 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	73701	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	184391	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	155897	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	145904	10.094	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	6215	0.510	ppbv	89
3) Chlorodifluoromethane	1.476	51	6176	0.479	ppbv	93
4) Chloromethane	1.535	50	2745	0.538	ppbv	91
5) Vinyl Chloride	1.580	62	2227	0.434	ppbv	100
6) Bromomethane	1.667	94	1434	0.591	ppbv #	69
7) Chloroethane	1.703	64	1058	0.558	ppbv	89
8) Dichlorotetrafluoroethane	1.554	85	4882	0.486	ppbv	98
9) Propene	1.483	41	1629	0.386	ppbv	93
10) Heptane	4.995	43	686	0.063	ppbv #	26
11) Trichlorofluoromethane	2.140	101	4322	0.384	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	4322	0.481	ppbv	98
13) Ethanol	1.722	45	796	0.930	ppbv	82
14) Bromoethene	1.781	108	1510	0.455	ppbv #	89
15) Acetone	1.836	43	7682	0.571	ppbv #	89
16) 1,3-Butadiene	1.609	39	3435	0.579	ppbv	95
17) tert-Butyl alcohol	2.043	59	5019	0.423	ppbv #	80
18) 1,1-Dichloroethene	2.344	96	2037	0.485	ppbv	93
19) Isopropyl Alcohol	1.887	45	3835	0.515	ppbv #	1
20) Methylene Chloride	2.062	84	2237	0.553	ppbv #	66
21) Allyl Chloride	2.095	41	3608	0.417	ppbv #	77
22) trans-1,2-Dichloroethene	2.036	96	2206	0.450	ppbv	91
23) Vinyl Acetate	2.464	43	5176	0.403	ppbv #	98
24) 1,1-Dichloroethane	2.409	63	4717	0.472	ppbv	98
25) Ethyl Acetate	2.842	43	7439	0.345	ppbv #	96
26) Hexane	2.826	57	2946	0.314	ppbv #	80
27) Carbon Disulfide	2.153	76	5316	0.485	ppbv #	21
28) Methyl tert-Butyl Ether	2.447	73	2887	0.512	ppbv	98
29) Chloroform	2.849	83	8362	0.475	ppbv	99
30) Cyclohexane	3.862	84	1160	0.148	ppbv #	8
31) cis-1,2-Dichloroethene	2.722	61	3715	0.339	ppbv	90
32) 1,1,1-Trichloroethane	3.373	97	7718	0.405	ppbv	94
34) 2-Butanone	2.564	43	6111	0.458	ppbv	95
35) Carbon Tetrachloride	3.765	117	8820	0.527	ppbv #	81
36) Benzene	3.658	78	6473	0.372	ppbv	96
37) 1,2-Dichloroethane	3.224	62	3074	0.229	ppbv #	80
38) Trichloroethene	4.558	130	2633	0.397	ppbv #	77
39) 1,2-Dichloropropane	4.318	63	915	0.140	ppbv #	18
40) 1,4-Dioxane	4.609	88	728	0.239	ppbv #	100
41) Tetrahydrofuran	3.053	42	28	0.004	ppbv #	34
42) Bromodichloromethane	4.496	83	4989	0.304	ppbv #	89
43) Methyl Methacrylate	4.891	69	704	0.108	ppbv #	1
44) 2,2,4-Trimethylpentane	4.639	57	2074	0.074	ppbv #	1
45) t-1,3-Dichloropropene	6.432	75	1553	0.182	ppbv	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

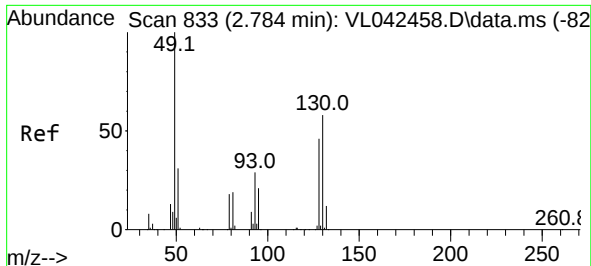
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	2295	0.227	ppbv #	71
47) 1,1,2-Trichloroethane	6.597	97	1419	0.199	ppbv #	60
48) Dibromochloromethane	7.396	129	3524	0.292	ppbv	56
49) Bromoform	9.494	173	3991	0.395	ppbv	91
50) 4-Methyl-2-Pentanone	5.758	43	481	0.029	ppbv #	38
51) 2-Hexanone	7.458	43	3096	0.230	ppbv #	99
52) Tetrachloroethene	8.238	164	774	0.117	ppbv #	66
53) Toluene	6.943	91	3004	0.163	ppbv #	21
54) 1,2-Dibromoethane	7.665	107	3432	0.314	ppbv	89
56) 1,1,1,2-Tetrachloroethane	8.937	131	1941	0.211	ppbv #	1
57) Chlorobenzene	8.924	112	5231	0.334	ppbv #	58
58) Ethyl Benzene	9.558	91	2334	0.090	ppbv	98
59) m/p-Xylene	9.539	91	2280	0.104	ppbv #	33
60) o-Xylene	9.969	91	5258	0.240	ppbv	95
61) Styrene	9.882	104	799	0.098	ppbv #	15
62) Isopropylbenzene	10.542	105	9764	0.310	ppbv	94
63) 1,1,2,2-Tetrachloroethane	9.969	83	7375	0.489	ppbv	91
64) n-propylbenzene	10.995	120	1901	0.247	ppbv	81
65) tert-Butylbenzene	11.536	119	7121	0.253	ppbv	97
66) Benzyl Chloride	11.617	91	1510	0.464	ppbv #	92
67) sec-Butylbenzene	11.775	105	10559	0.264	ppbv	99
69) p-Isopropyltoluene	11.934	119	8016	0.238	ppbv	93
70) n-Butylbenzene	12.290	91	8281	0.238	ppbv	98
71) 2-Chlorotoluene	10.905	91	6370	0.257	ppbv	93
72) 4-Ethyltoluene	11.128	105	6217	0.241	ppbv #	89
73) 1,3,5-Trimethylbenzene	11.212	105	5594	0.247	ppbv	94
74) 1,2,4-Trimethylbenzene	11.542	105	6753	0.246	ppbv #	96
75) 1,3-Dichlorobenzene	11.610	146	6344	0.415	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	5258	0.364	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	6115	0.409	ppbv	97
78) Hexachloro-1,3-Butadiene	13.886	225	6511	0.436	ppbv	93
79) Naphthalene	13.520	128	3870	0.168	ppbv #	71
80) Naphthalene,2-methyl-	14.471	142	519	0.030	ppbv #	54
81) 1,2,4-Trichlorobenzene	13.452	180	2213	0.180	ppbv	96

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

Quant Time: May 08 01:39:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

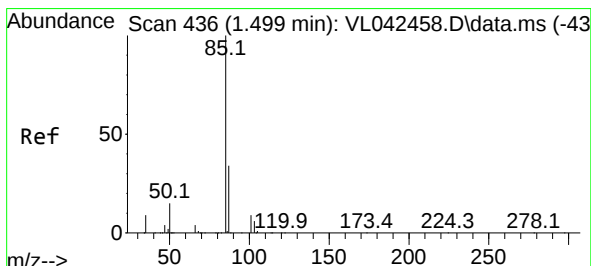
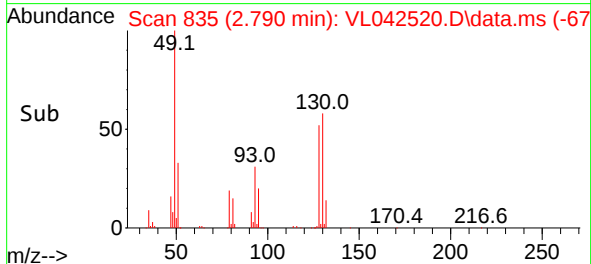
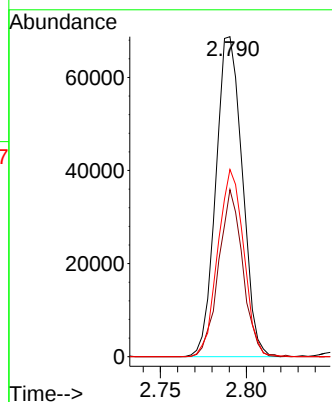
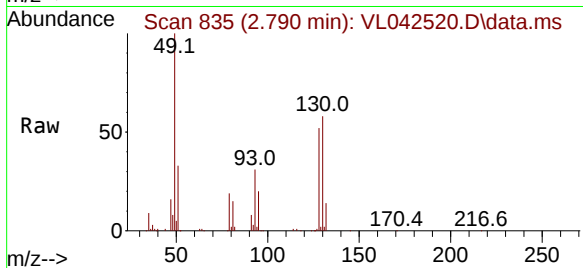




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

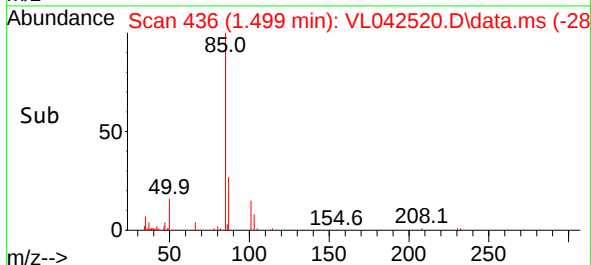
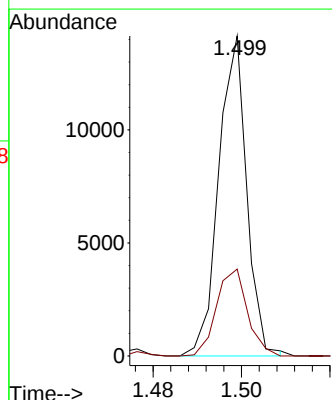
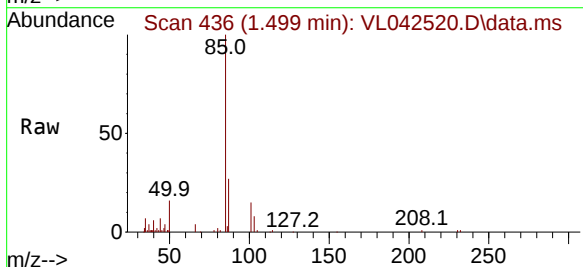
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MSVOA_L
ClientSampleId :
MDL3 0.40

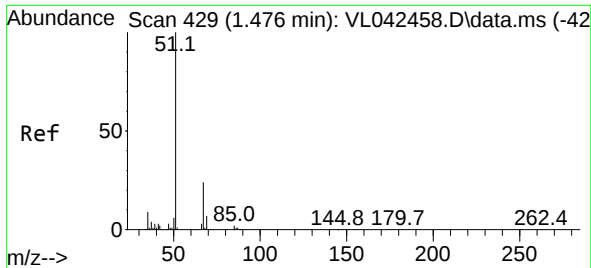
Tgt Ion: 49 Resp: 73701
Ion Ratio Lower Upper
49 100
128 47.4 23.3 69.9
130 57.2 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 85 Resp: 6215
Ion Ratio Lower Upper
85 100
87 27.2 26.9 40.3

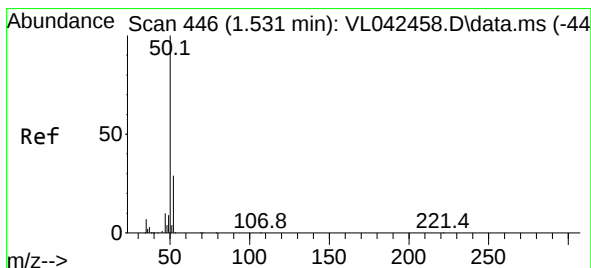
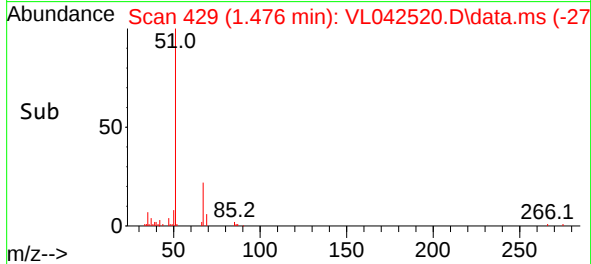
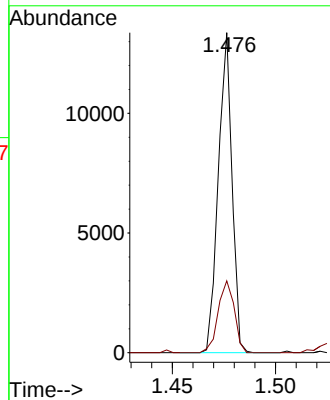
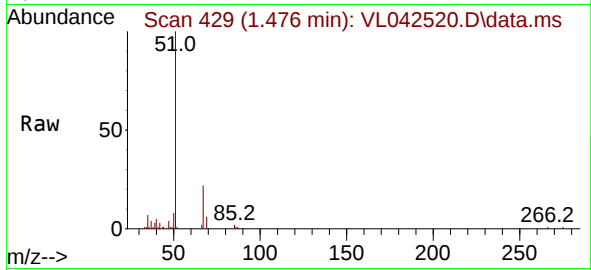




#3
Chlorodifluoromethane
Concen: 0.479 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

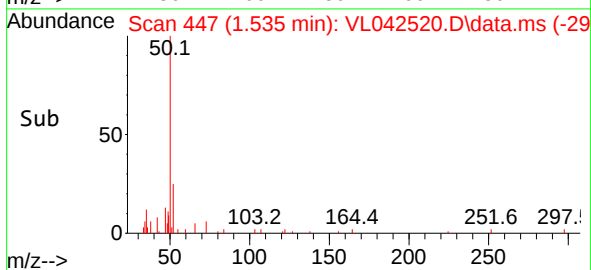
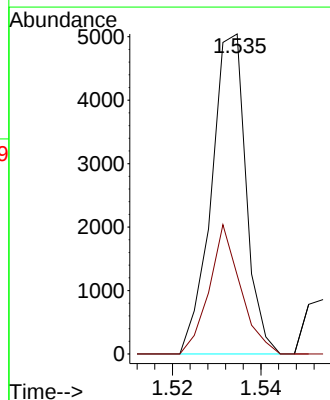
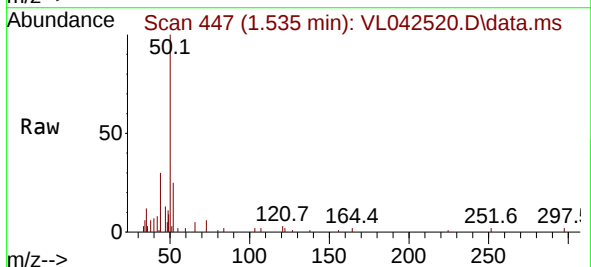
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

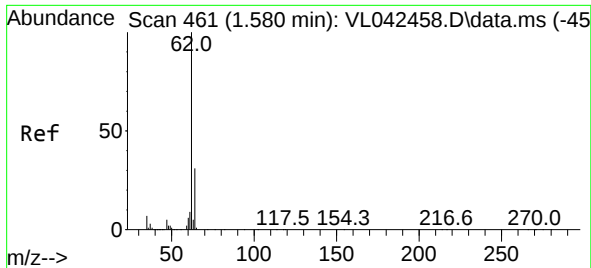
Tgt Ion: 51 Resp: 6176
Ion Ratio Lower Upper
51 100
67 26.5 18.4 27.6



#4
Chloromethane
Concen: 0.538 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 50 Resp: 2745
Ion Ratio Lower Upper
50 100
52 24.6 23.5 35.3

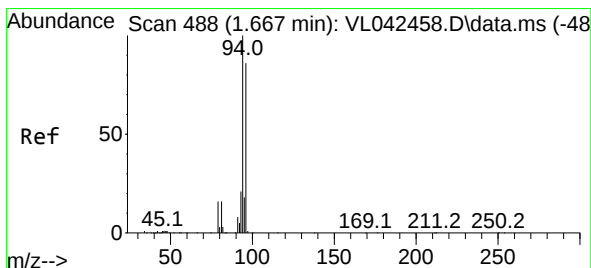
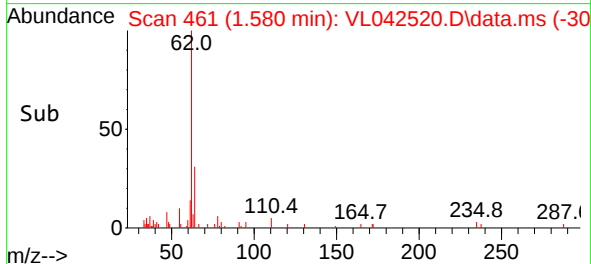
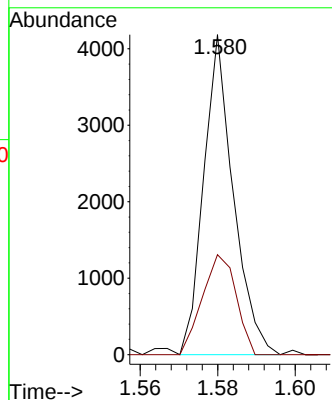
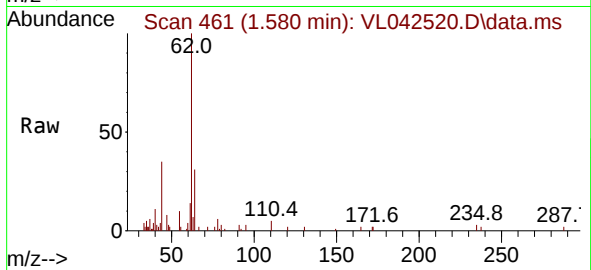




#5
 Vinyl Chloride
 Concen: 0.434 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

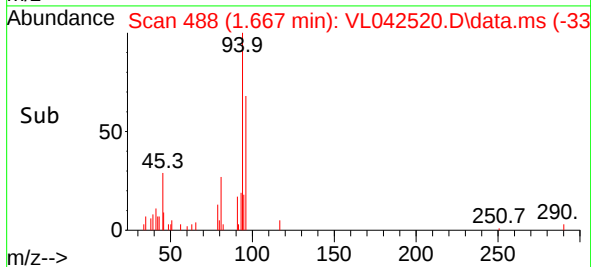
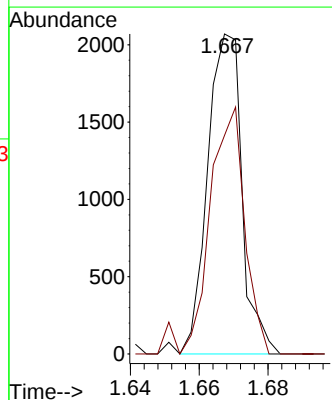
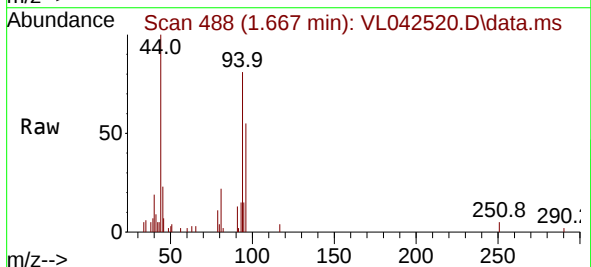
Instrument :
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 ClientSampleId :
 MDL3 0.40

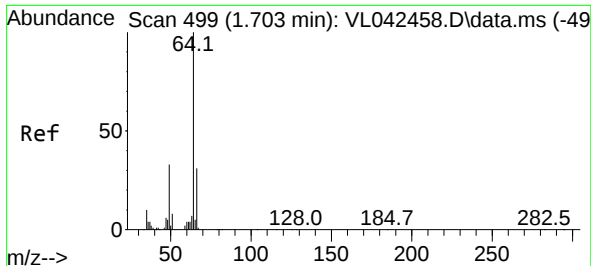
Tgt Ion: 62 Resp: 2227
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.9 37.3



#6
 Bromomethane
 Concen: 0.591 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Tgt Ion: 94 Resp: 1434
 Ion Ratio Lower Upper
 94 100
 96 57.9 68.8 103.2#

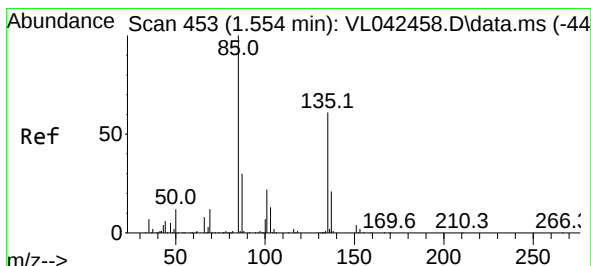
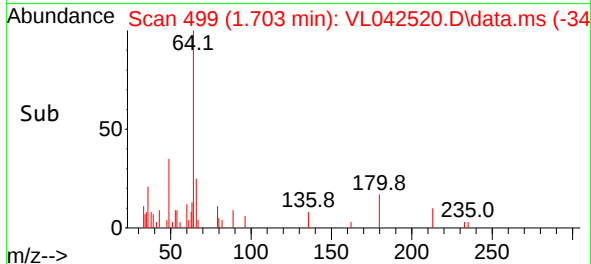
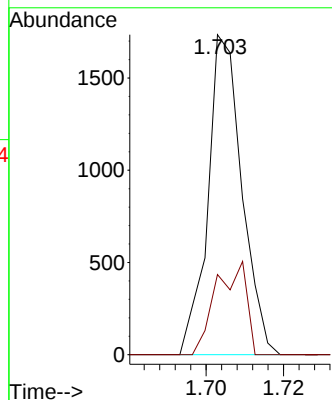
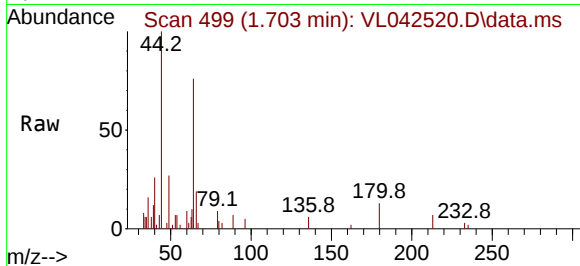




#7
Chloroethane
Concen: 0.558 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

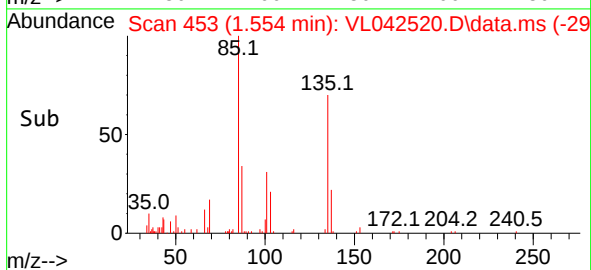
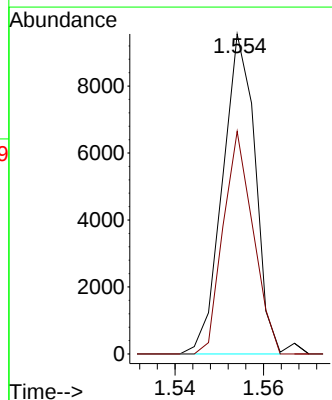
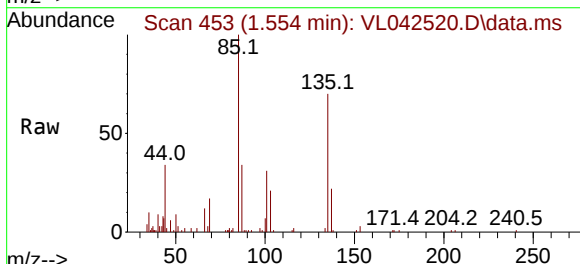
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ClientSampleId :
MDL3 0.40

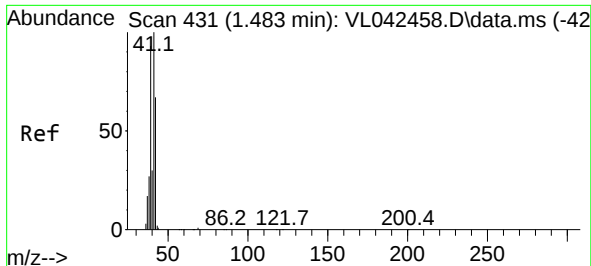
Tgt Ion: 64 Resp: 1058
Ion Ratio Lower Upper
64 100
66 25.1 25.0 37.4



#8
Dichlorotetrafluoroethane
Concen: 0.486 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 85 Resp: 4882
Ion Ratio Lower Upper
85 100
135 64.1 49.8 74.8





#9

Propene

Concen: 0.386 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

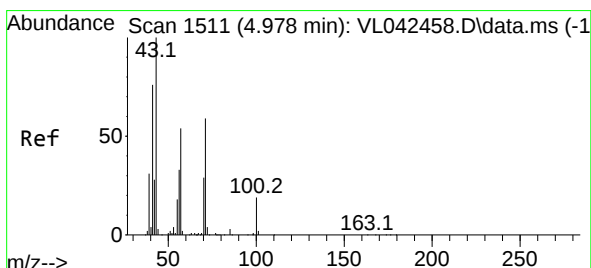
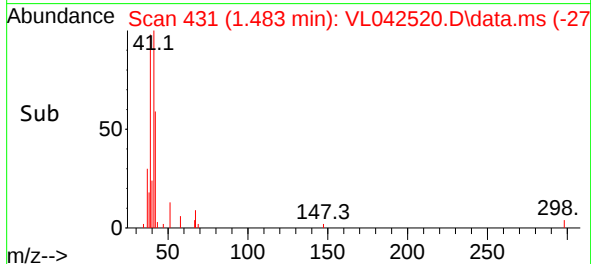
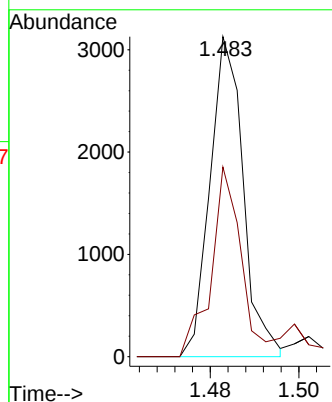
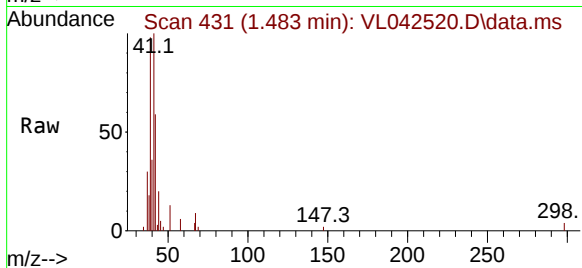
MDL3 0.40

Tgt Ion: 41 Resp: 1629

Ion Ratio Lower Upper

41 100

42 73.9 54.3 81.5



#10

Heptane

Concen: 0.063 ppbv

RT: 4.995 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL042520.D

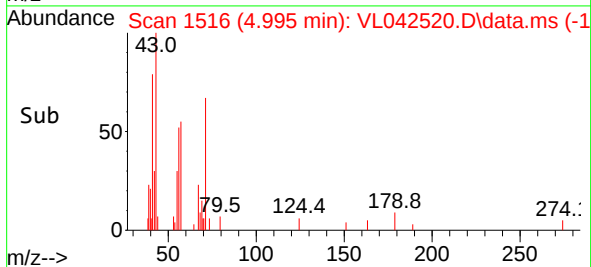
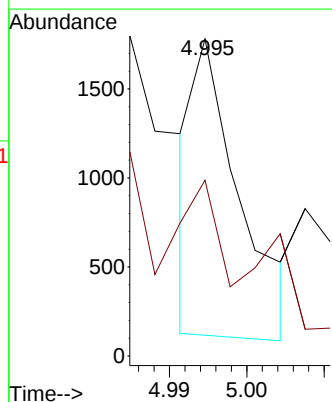
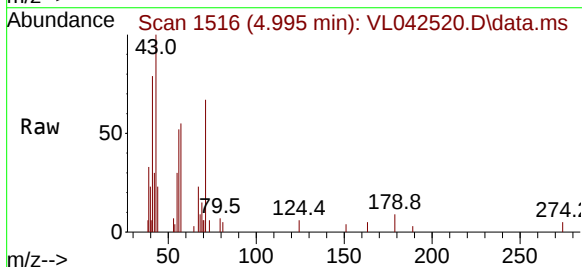
Acq: 07 May 2025 16:13

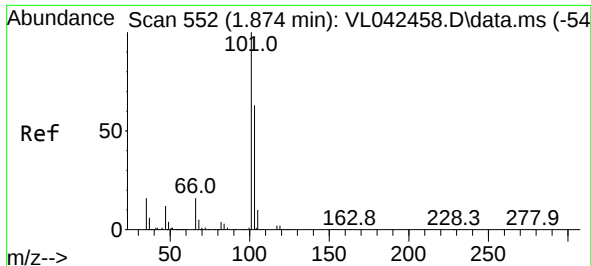
Tgt Ion: 43 Resp: 686

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

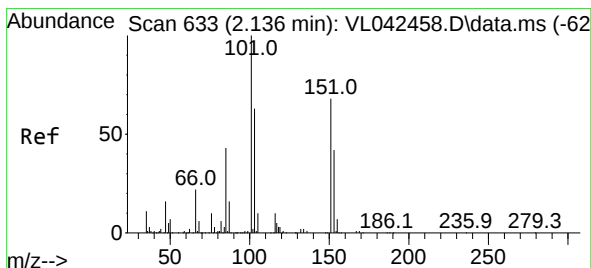
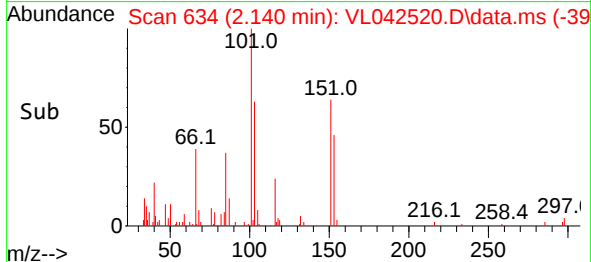
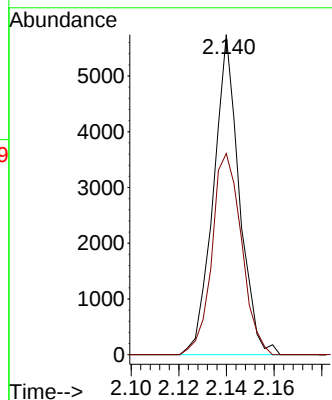
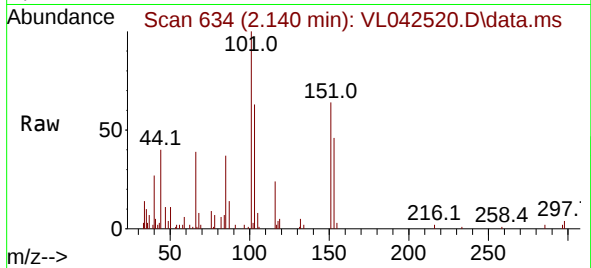




#11
Trichlorofluoromethane
Concen: 0.384 ppbv
RT: 2.140 min Scan# 61
Delta R.T. 0.266 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

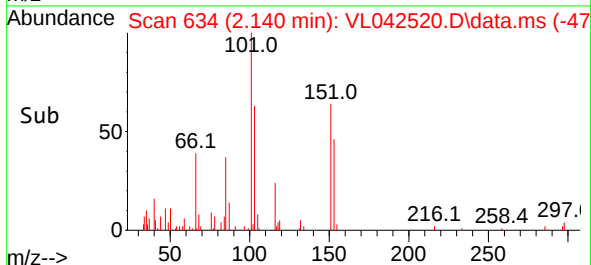
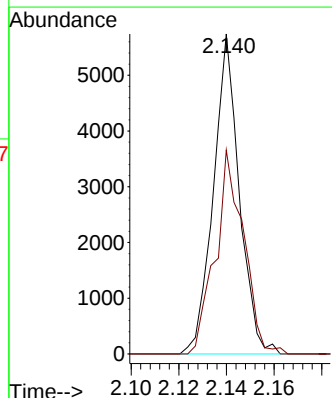
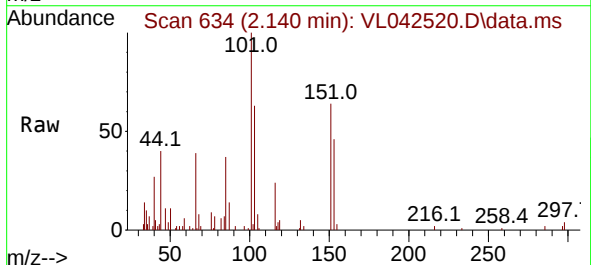
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

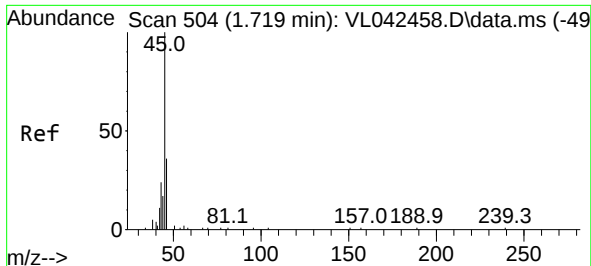
Tgt Ion:101 Resp: 4322
Ion Ratio Lower Upper
101 100
103 62.9 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.481 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:101 Resp: 4322
Ion Ratio Lower Upper
101 100
151 69.8 54.6 82.0

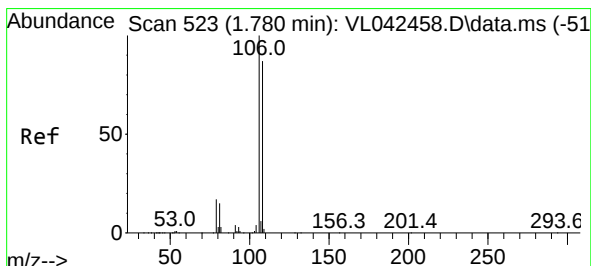
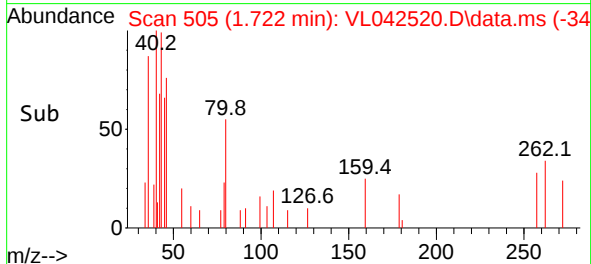
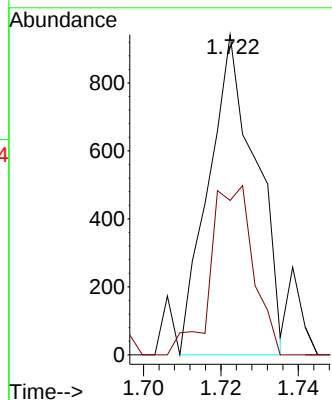
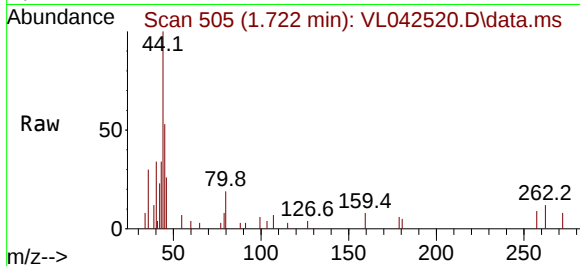




#13
Ethanol
Concen: 0.930 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

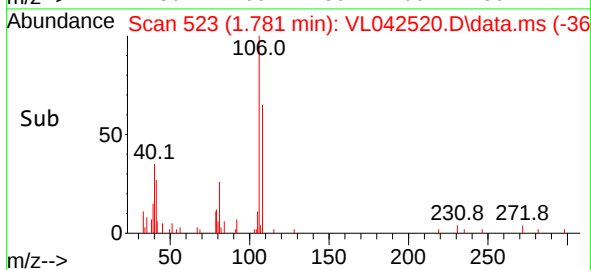
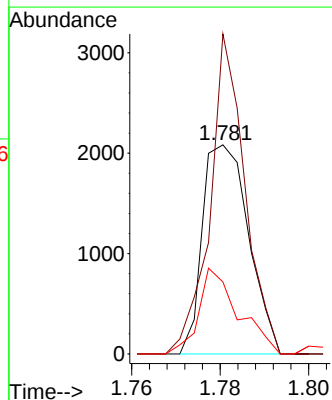
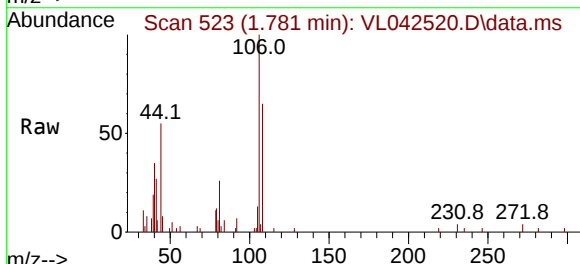
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

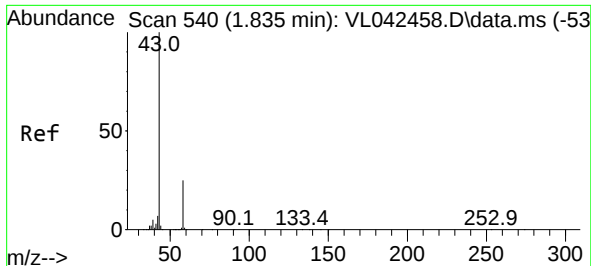
Tgt Ion: 45 Resp: 796
Ion Ratio Lower Upper
45 100
46 49.4 15.3 61.1



#14
Bromoethene
Concen: 0.455 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 108 Resp: 1510
Ion Ratio Lower Upper
108 100
106 115.2 88.8 133.2
79 44.1 17.1 25.7#

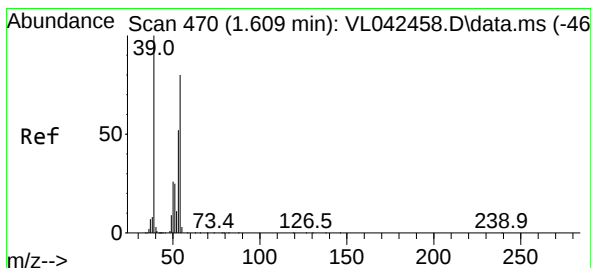
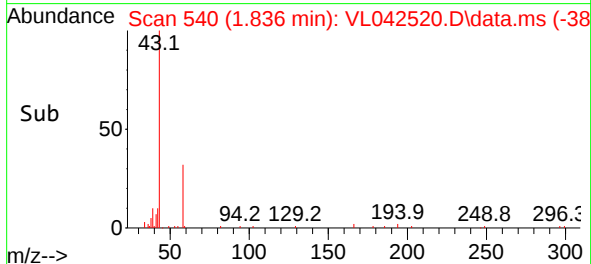
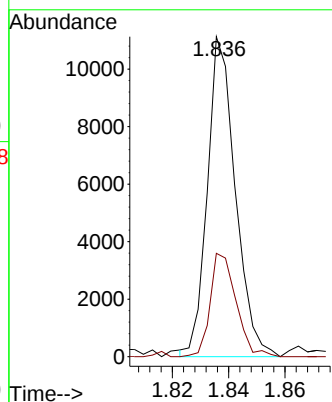
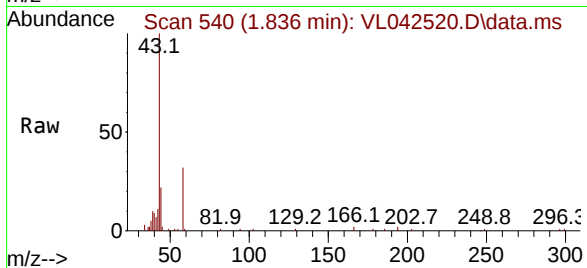




#15
Acetone
Concen: 0.571 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

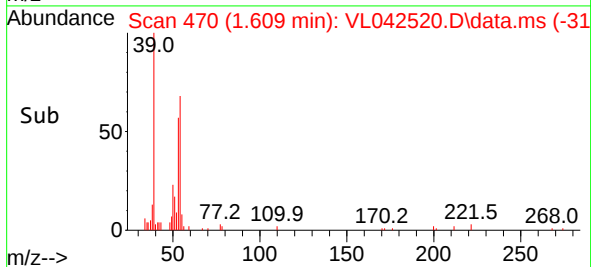
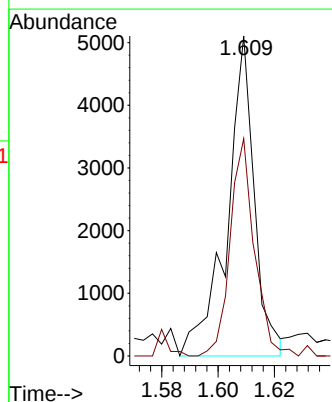
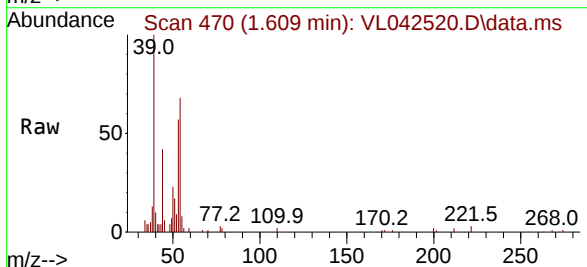
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

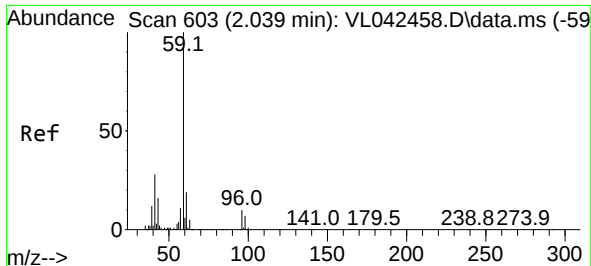
Tgt Ion: 43 Resp: 7682
Ion Ratio Lower Upper
43 100
58 30.4 19.8 29.8#



#16
1,3-Butadiene
Concen: 0.579 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 39 Resp: 3435
Ion Ratio Lower Upper
39 100
54 64.7 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.423 ppbv

RT: 2.043 min Scan# 603

Delta R.T. 0.004 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

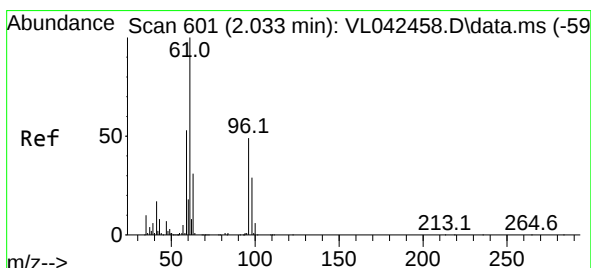
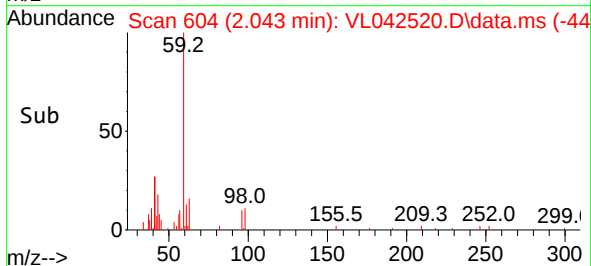
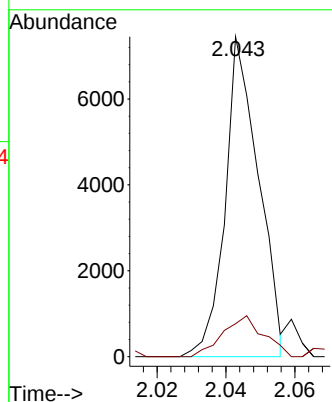
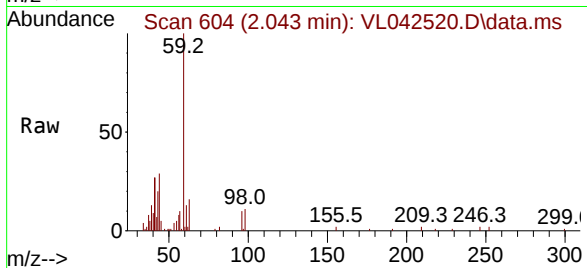
MDL3 0.40

Tgt Ion: 59 Resp: 5019

Ion Ratio Lower Upper

59 100

57 17.7 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.485 ppbv

RT: 2.344 min Scan# 697

Delta R.T. 0.311 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

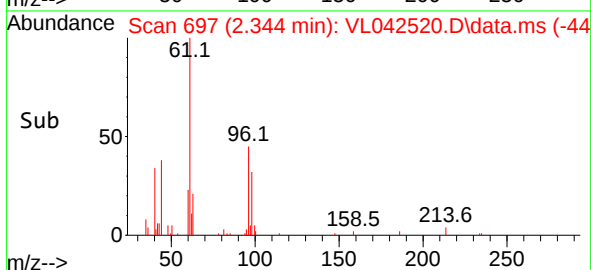
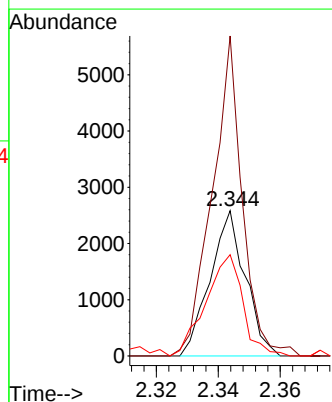
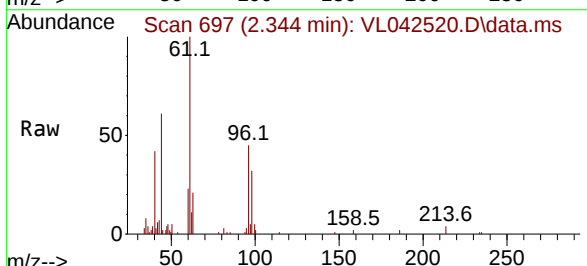
Tgt Ion: 96 Resp: 2037

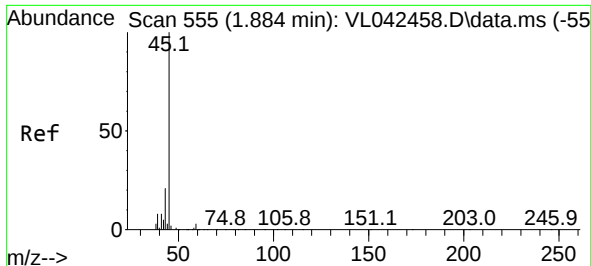
Ion Ratio Lower Upper

96 100

61 215.7 164.9 247.3

98 67.3 48.2 72.2

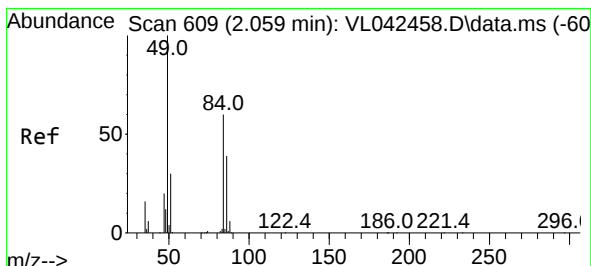
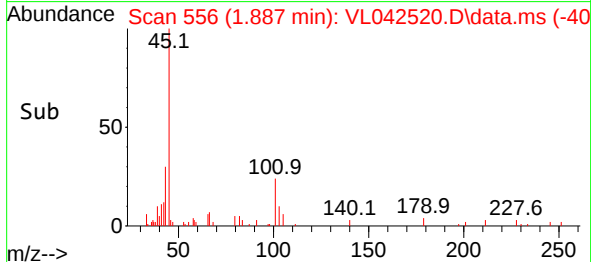
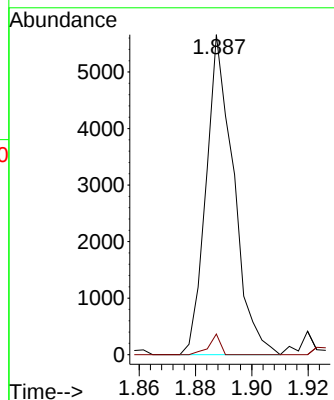
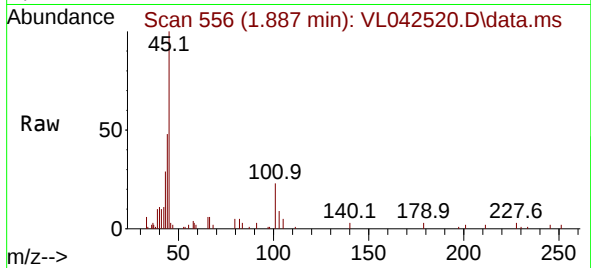




#19
Isopropyl Alcohol
Concen: 0.515 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

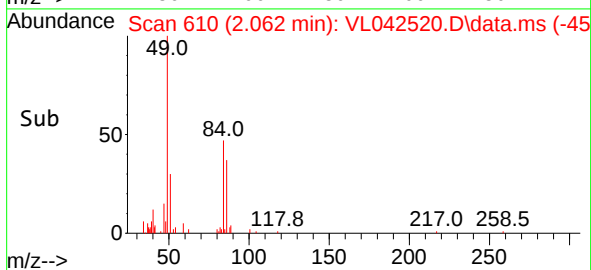
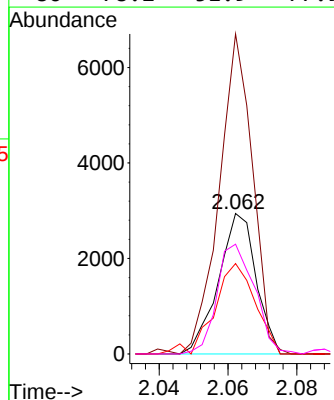
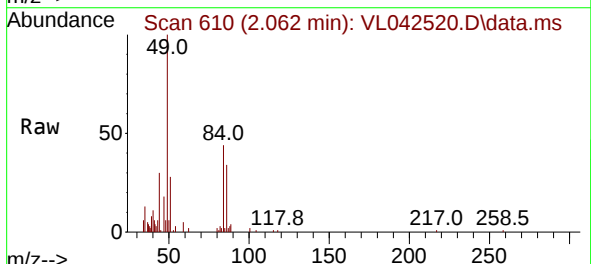
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

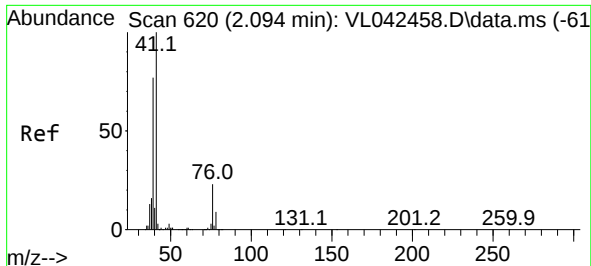
Tgt Ion: 45 Resp: 3835
Ion Ratio Lower Upper
45 100
58 60.9 1.6 2.4#



#20
Methylene Chloride
Concen: 0.553 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 84 Resp: 2237
Ion Ratio Lower Upper
84 100
49 227.8 133.9 200.9#
51 64.3 41.0 61.6#
86 78.2 51.9 77.9#

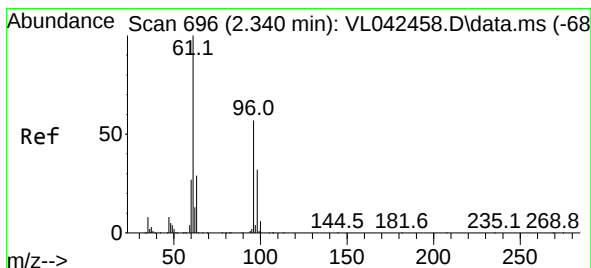
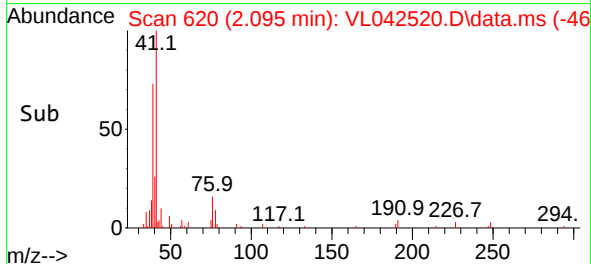
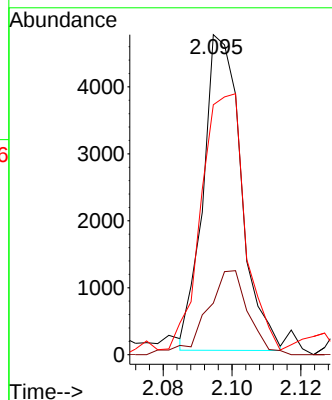
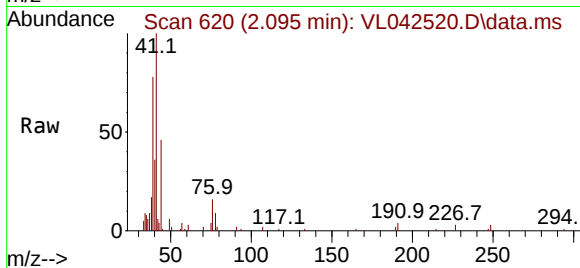




#21
 Allyl Chloride
 Concen: 0.417 ppbv
 RT: 2.095 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

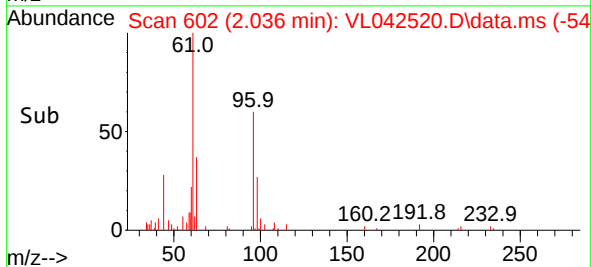
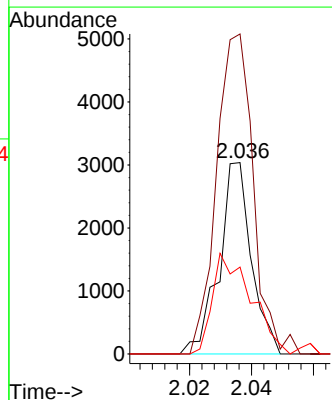
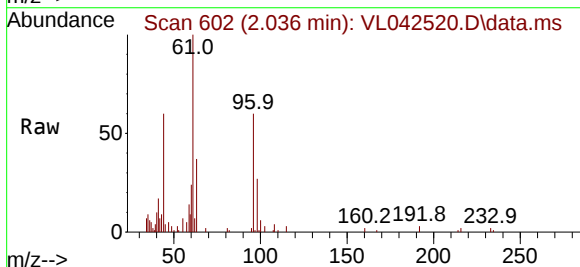
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

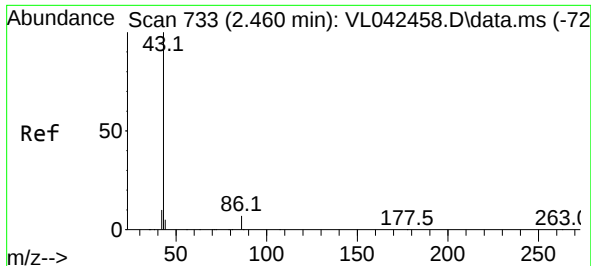
Tgt Ion:	41	Resp:	3608
Ion	Ratio	Lower	Upper
41	100		
76	29.1	19.6	29.4
39	100.1	61.0	91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.450 ppbv
 RT: 2.036 min Scan# 602
 Delta R.T. -0.304 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Tgt Ion:	96	Resp:	2206
Ion	Ratio	Lower	Upper
96	100		
61	167.2	141.8	212.6
98	45.4	45.0	67.6

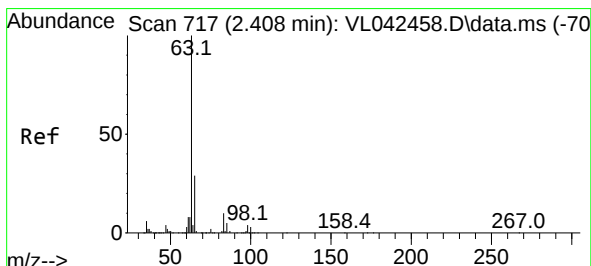
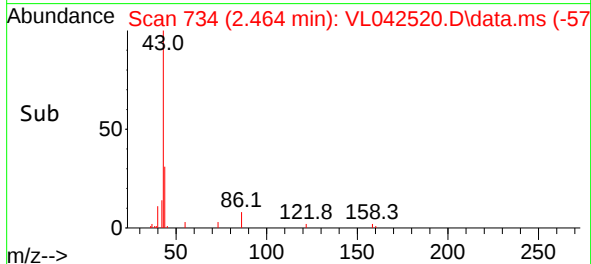
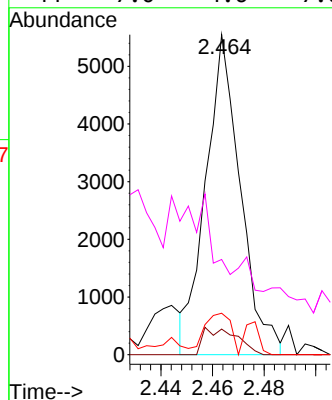
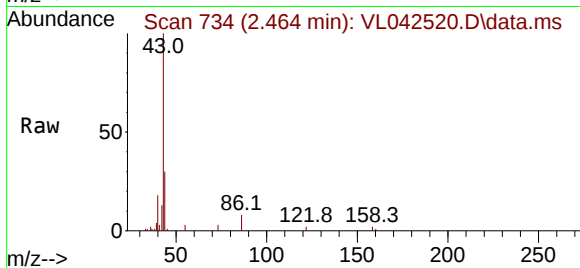




#23
 Vinyl Acetate
 Concen: 0.403 ppbv
 RT: 2.464 min Scan# 717
 Delta R.T. 0.004 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

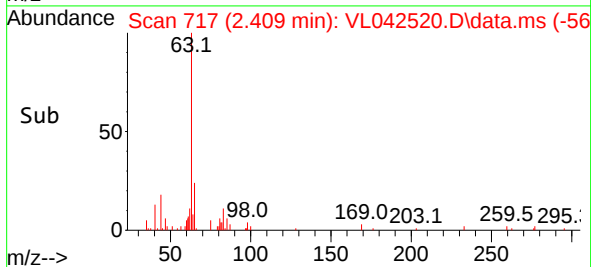
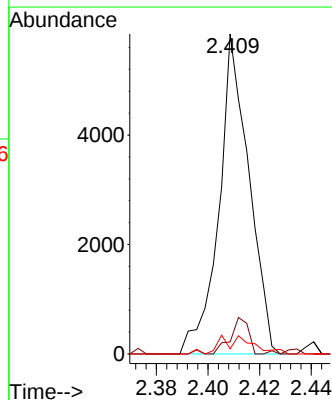
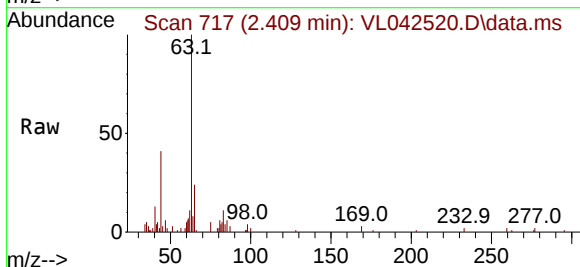
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

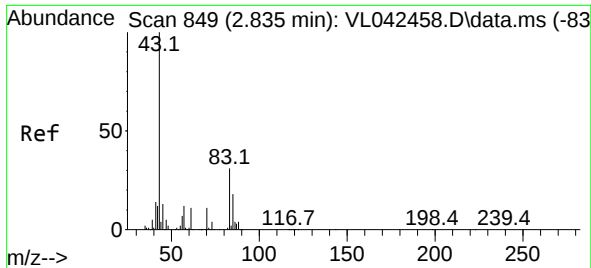
Tgt Ion:	43	Resp:	5176
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.5	8.3
42	10.3	8.3	12.5
44	7.0	4.6	7.0



#24
 1,1-Dichloroethane
 Concen: 0.472 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Tgt Ion:	63	Resp:	4717
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	1.6	1.4	4.2

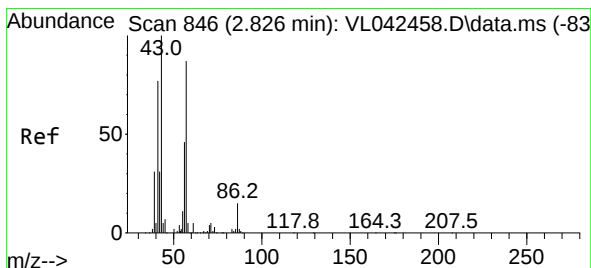
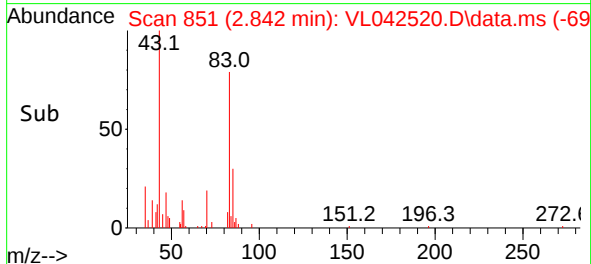
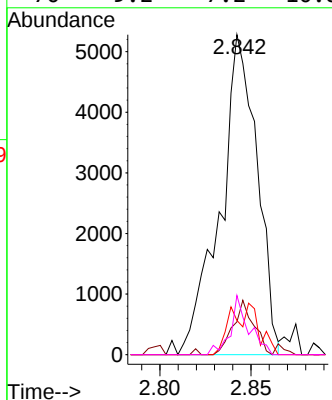
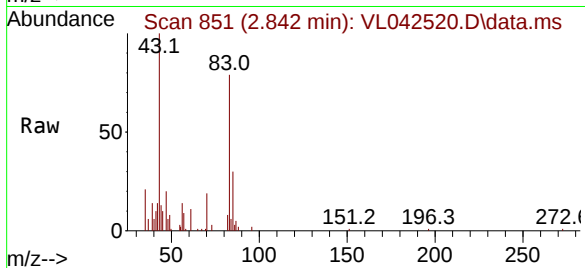




#25
Ethyl Acetate
Concen: 0.345 ppbv
RT: 2.842 min Scan# 849
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

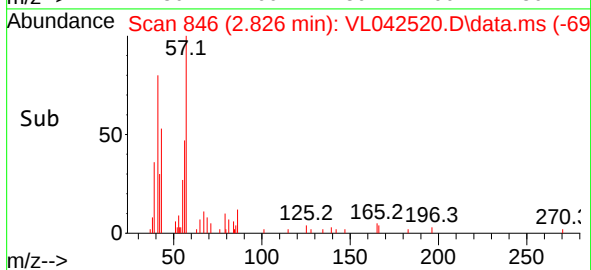
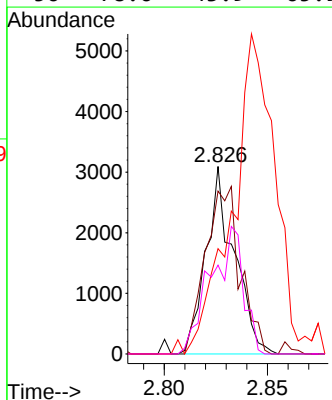
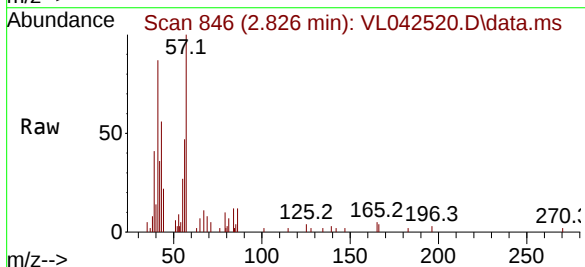
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

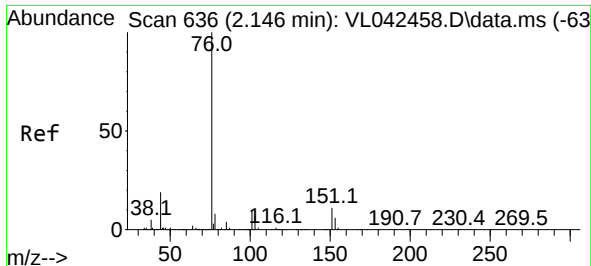
Tgt Ion: 43	Resp: 7439
Ion Ratio	Lower Upper
43 100	
45 10.4	7.8 11.6
61 12.1	7.2 10.8#
70 9.2	7.2 10.8



#26
Hexane
Concen: 0.314 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 57	Resp: 2946
Ion Ratio	Lower Upper
57 100	
41 111.9	77.8 116.8
43 265.8	187.0 280.6
56 78.6	43.9 65.9#





#27

Carbon Disulfide

Concen: 0.485 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

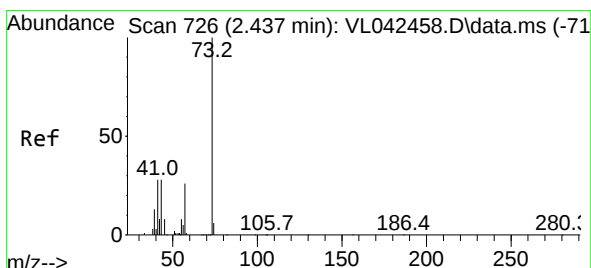
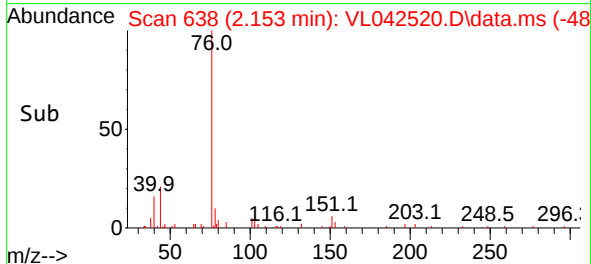
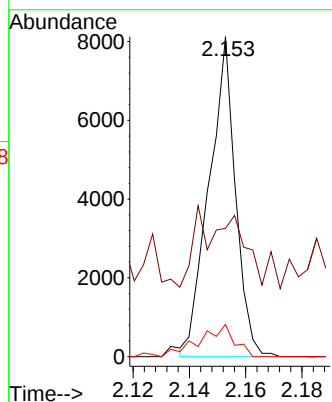
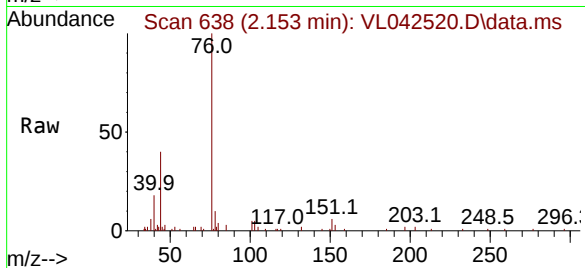
Tgt Ion: 76 Resp: 5316

Ion Ratio Lower Upper

76 100

44 82.1 21.0 31.6#

78 13.6 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.512 ppbv

RT: 2.447 min Scan# 729

Delta R.T. 0.010 min

Lab File: VL042520.D

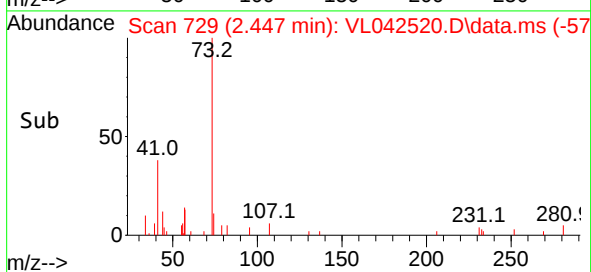
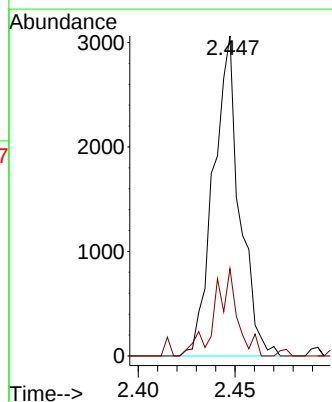
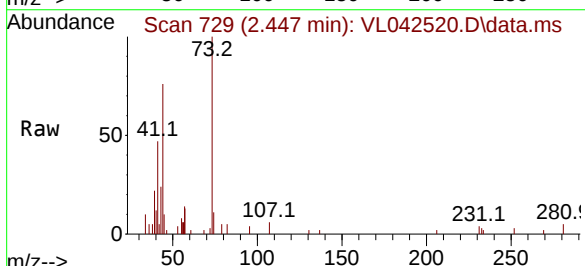
Acq: 07 May 2025 16:13

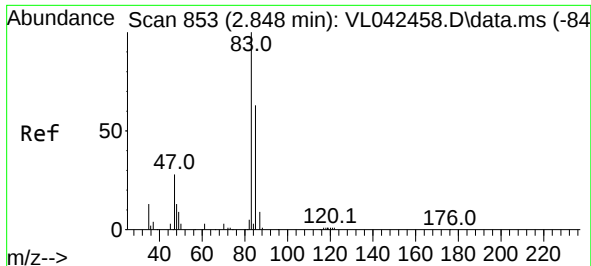
Tgt Ion: 73 Resp: 2887

Ion Ratio Lower Upper

73 100

57 25.7 19.9 29.9

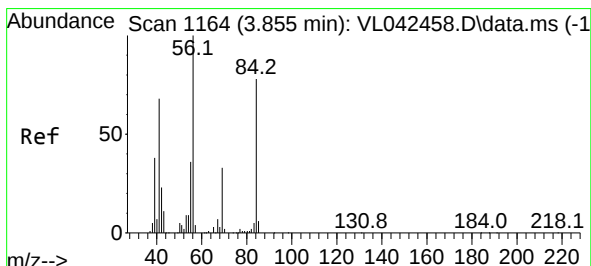
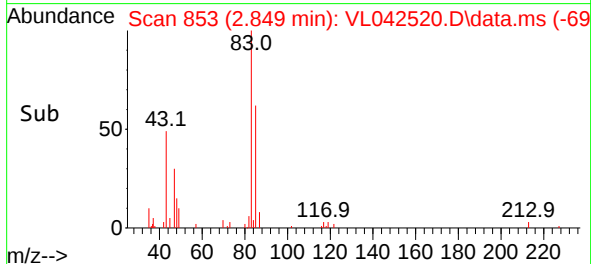
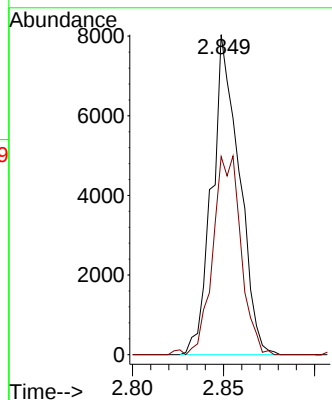
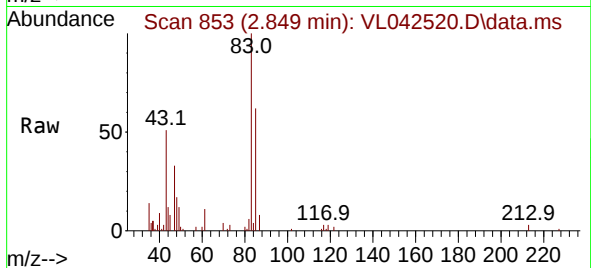




#29
Chloroform
Concen: 0.475 ppbv
RT: 2.849 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

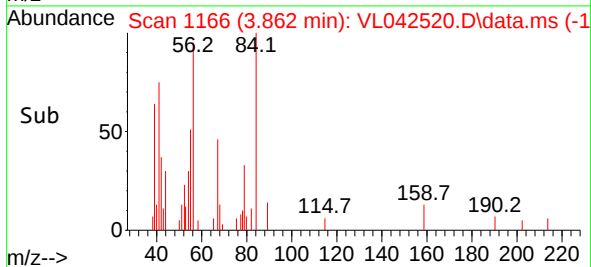
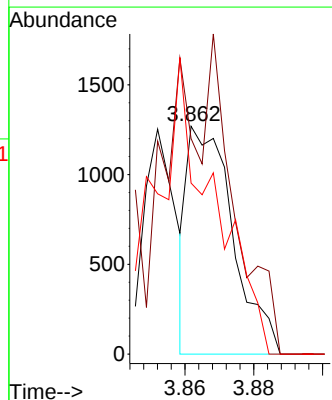
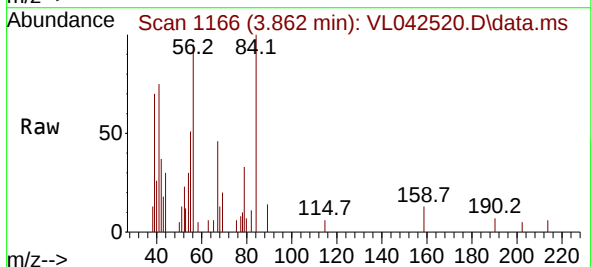
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

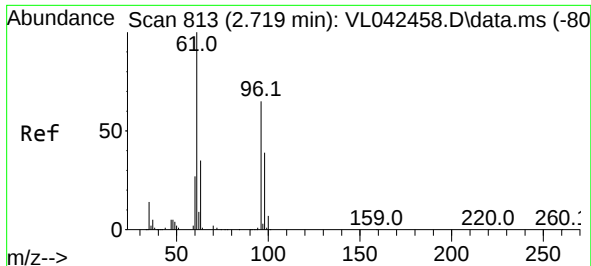
Tgt Ion: 83 Resp: 8362
Ion Ratio Lower Upper
83 100
85 61.9 50.4 75.6



#30
Cyclohexane
Concen: 0.148 ppbv
RT: 3.862 min Scan# 1166
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 84 Resp: 1160
Ion Ratio Lower Upper
84 100
56 219.2 98.1 147.1#
41 172.4 65.8 98.8#

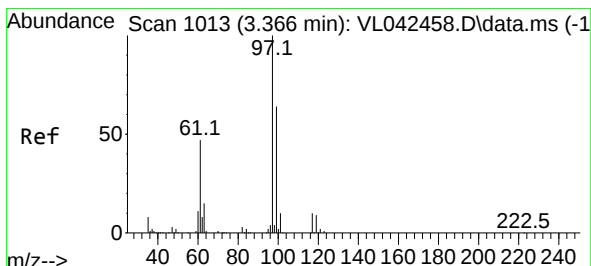
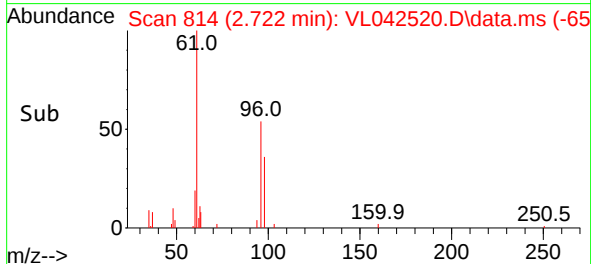
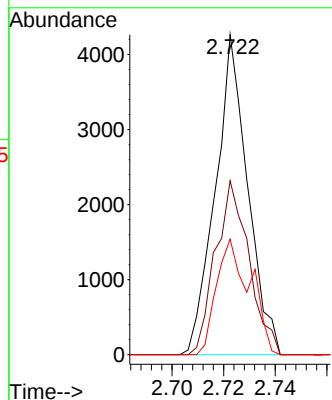
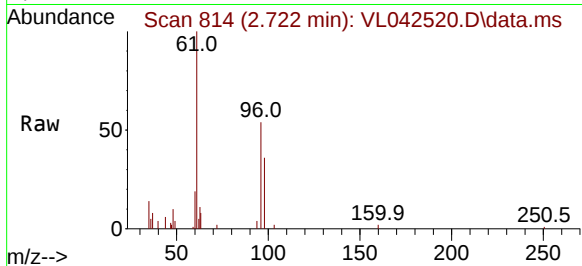




#31
 cis-1,2-Dichloroethene
 Concen: 0.339 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.004 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

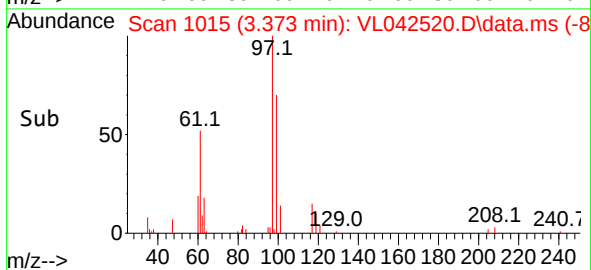
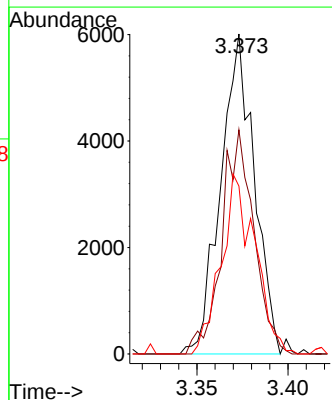
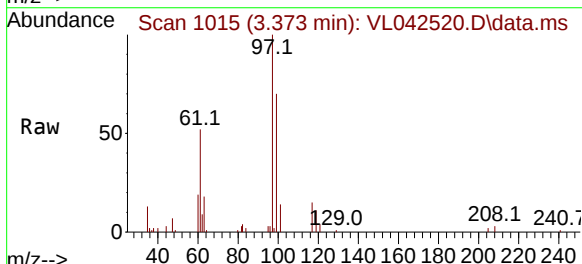
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

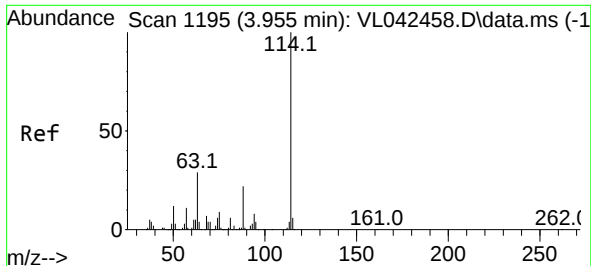
Tgt Ion: 61 Resp: 3715
 Ion Ratio Lower Upper
 61 100
 96 54.3 52.0 78.0
 98 36.1 31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.405 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Tgt Ion: 97 Resp: 7718
 Ion Ratio Lower Upper
 97 100
 99 66.9 50.7 76.1
 61 57.3 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.010 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

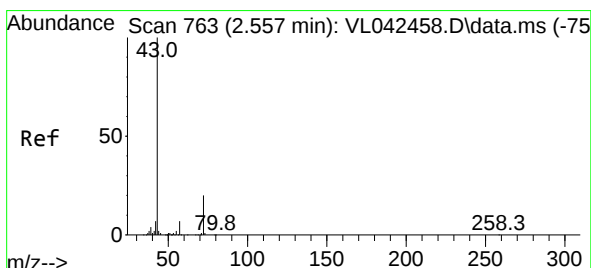
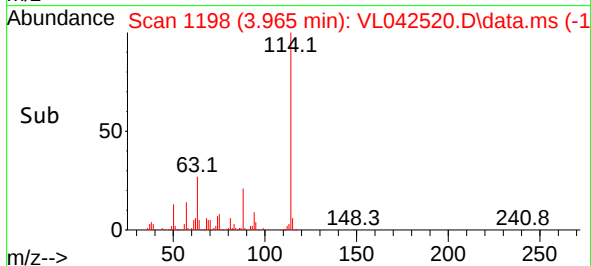
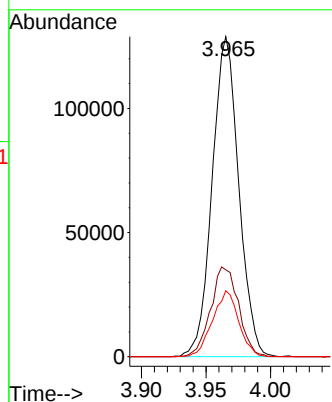
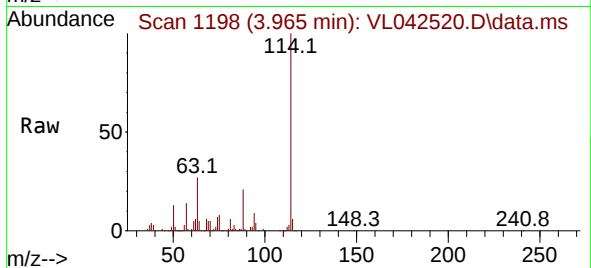
Tgt Ion:114 Resp: 184391

Ion Ratio Lower Upper

114 100

63 29.5 23.1 34.7

88 20.3 16.1 24.1



#34

2-Butanone

Concen: 0.458 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.007 min

Lab File: VL042520.D

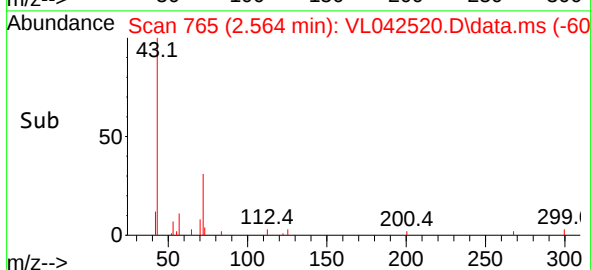
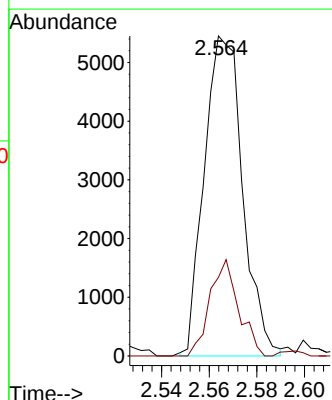
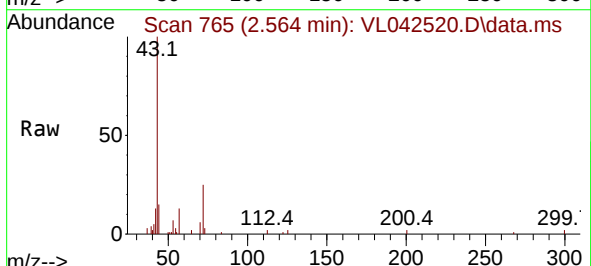
Acq: 07 May 2025 16:13

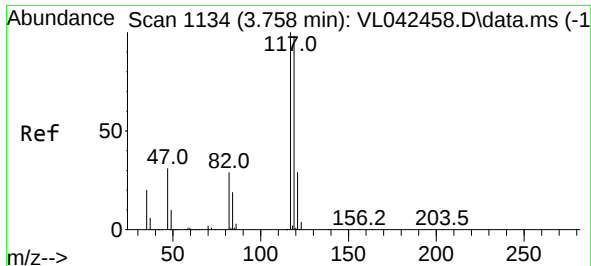
Tgt Ion: 43 Resp: 6111

Ion Ratio Lower Upper

43 100

72 23.4 16.7 25.1

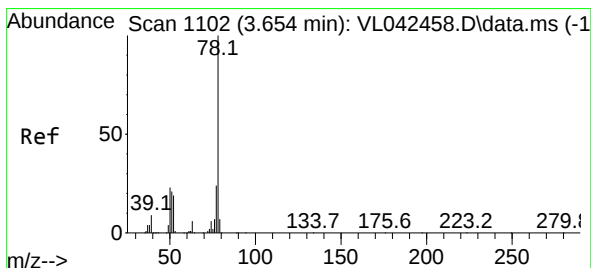
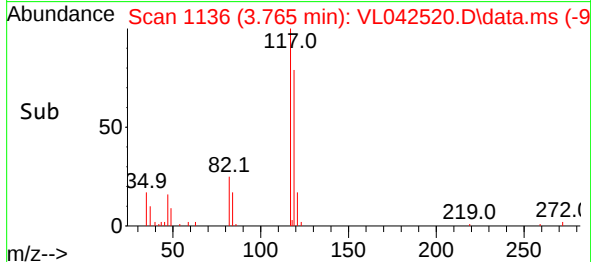
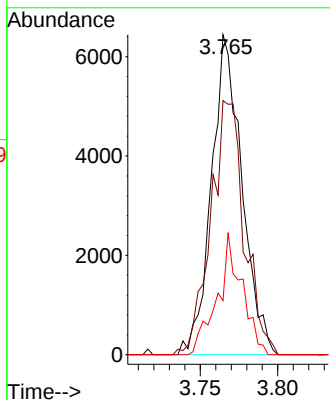
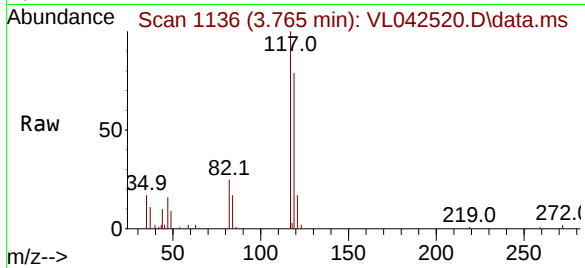




#35
Carbon Tetrachloride
Concen: 0.527 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

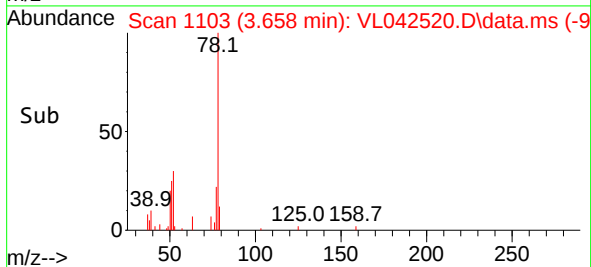
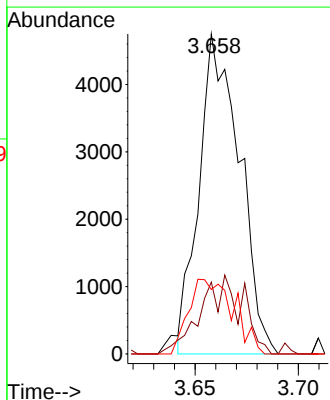
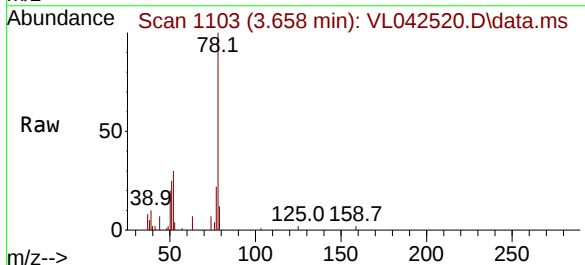
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

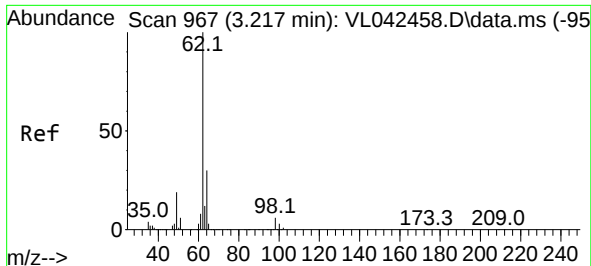
Tgt Ion:117 Resp: 8820
Ion Ratio Lower Upper
117 100
119 79.4 78.1 117.1
121 16.9 23.0 34.6#



#36
Benzene
Concen: 0.372 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 78 Resp: 6473
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3
50 20.1 18.4 27.6

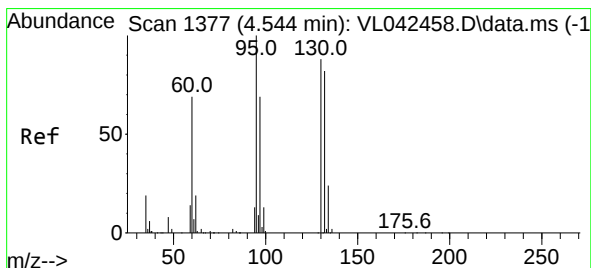
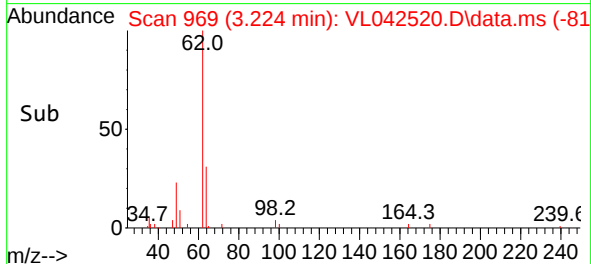
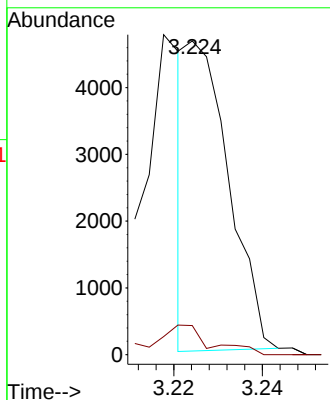
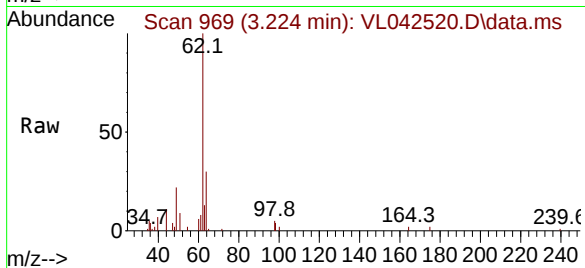




#37
1,2-Dichloroethane
Concen: 0.229 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

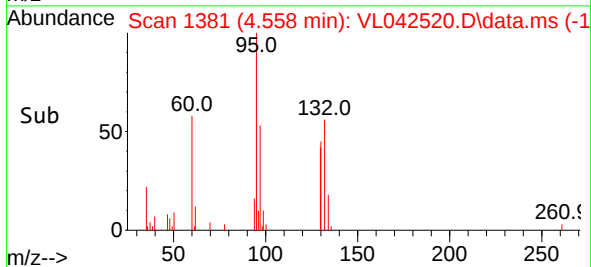
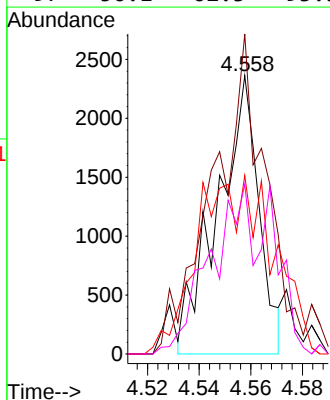
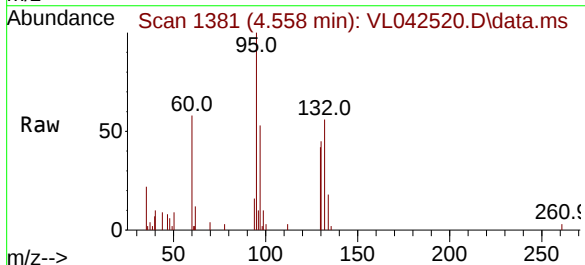
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

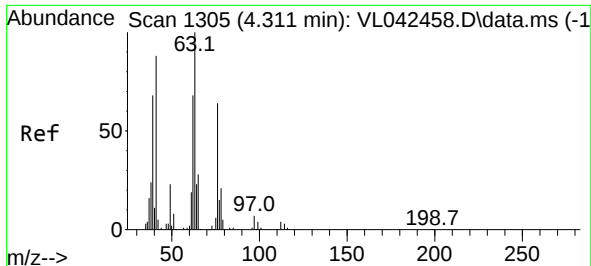
Tgt Ion: 62 Resp: 3074
Ion Ratio Lower Upper
62 100
98 12.2 4.3 6.5#



#38
Trichloroethene
Concen: 0.397 ppbv
RT: 4.558 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:130 Resp: 2633
Ion Ratio Lower Upper
130 100
95 108.5 91.0 136.4
132 50.3 74.2 111.4#
97 56.1 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.140 ppbv

RT: 4.318 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

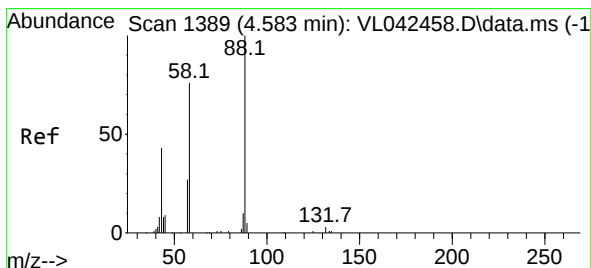
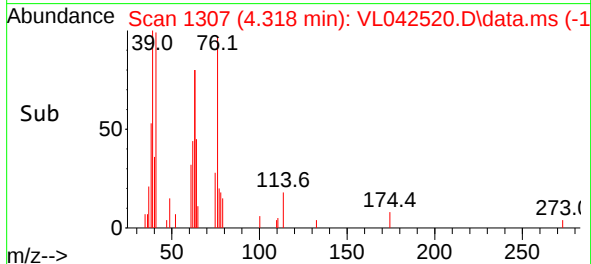
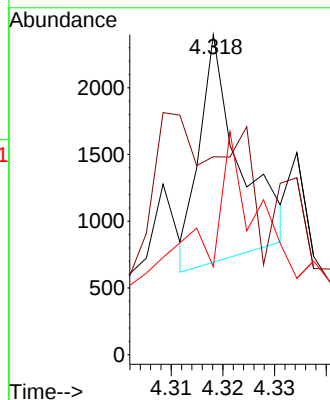
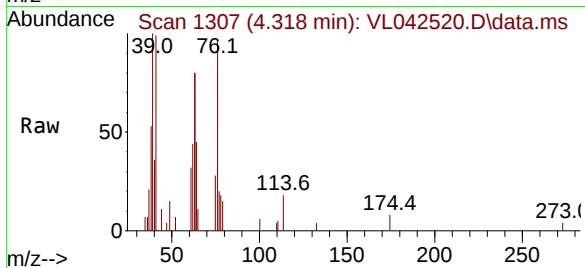
Tgt Ion: 63 Resp: 915

Ion Ratio Lower Upper

63 100

41 12.8 69.8 104.6#

62 0.0 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.239 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. 0.026 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Tgt Ion: 88 Resp: 728

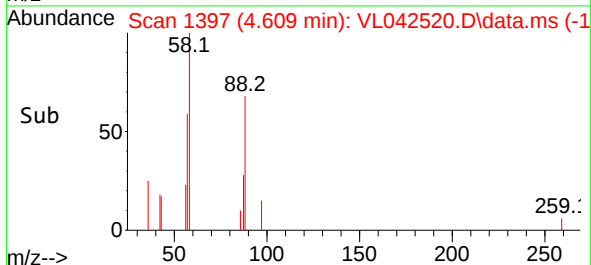
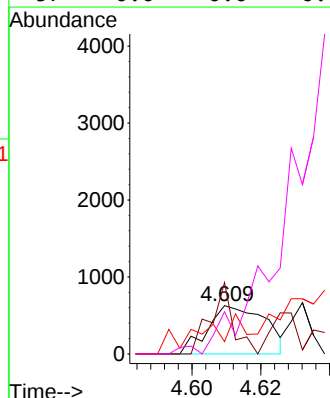
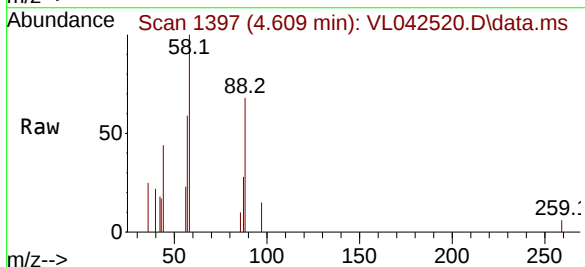
Ion Ratio Lower Upper

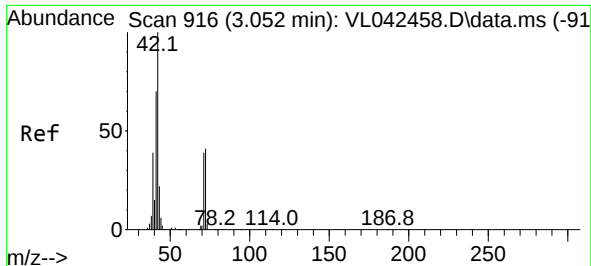
88 100

58 169.8 0.0 0.0#

43 0.0 0.0 0.0

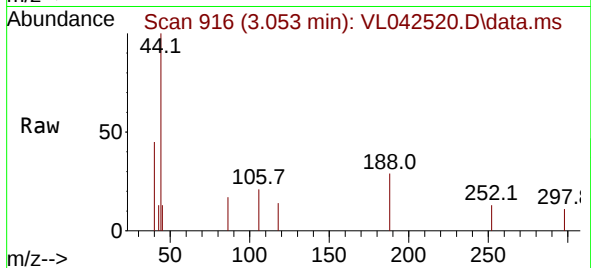
57 0.0 0.0 0.0



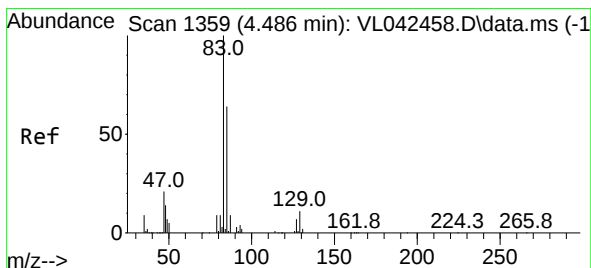
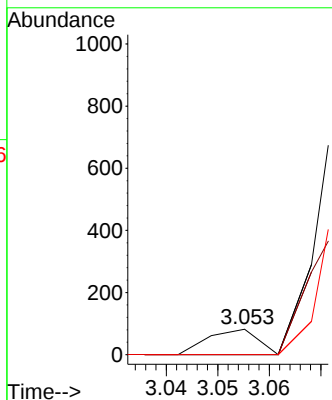
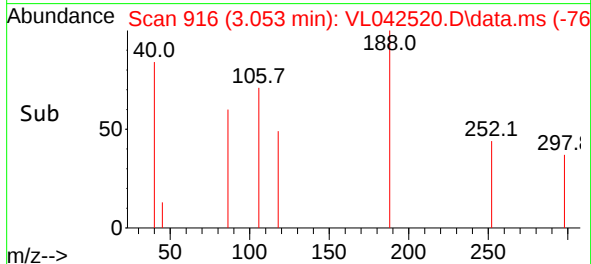


#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 3.053 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

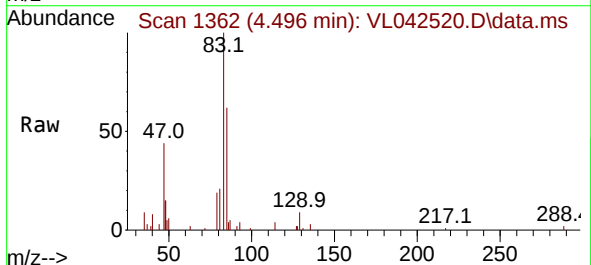
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



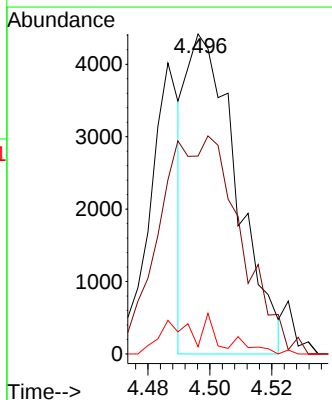
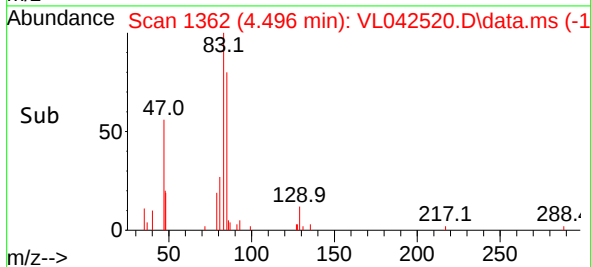
Tgt Ion: 42 Resp: 28
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#

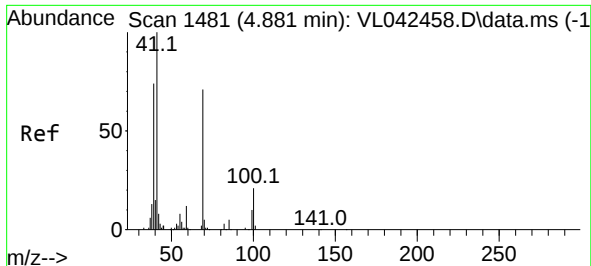


#42
Bromodichloromethane
Concen: 0.304 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



Tgt Ion: 83 Resp: 4989
Ion Ratio Lower Upper
83 100
85 55.4 51.5 77.3
127 5.0 5.4 8.2#

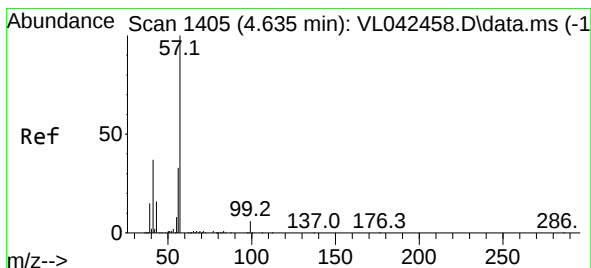
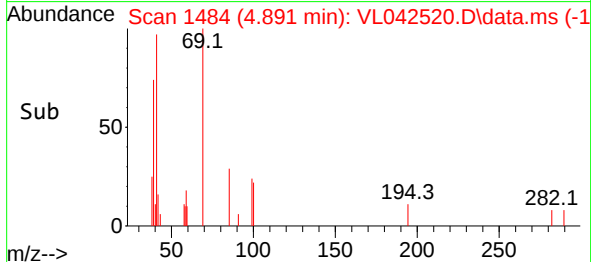
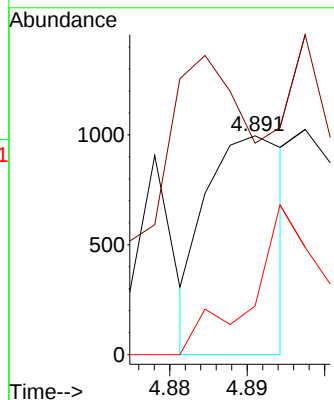
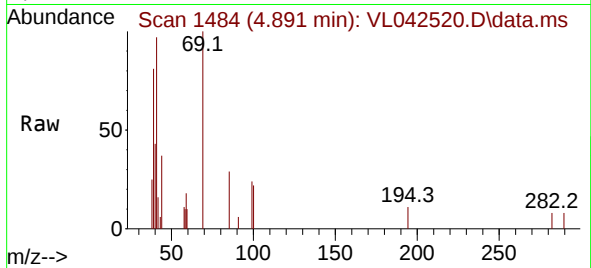




#43
Methyl Methacrylate
Concen: 0.108 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

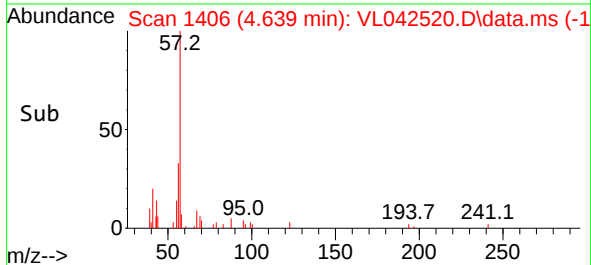
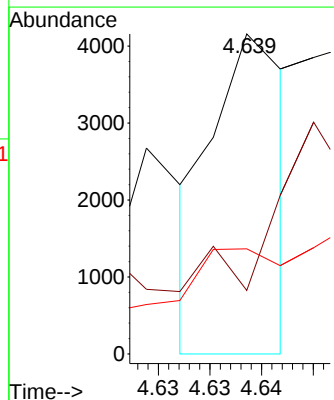
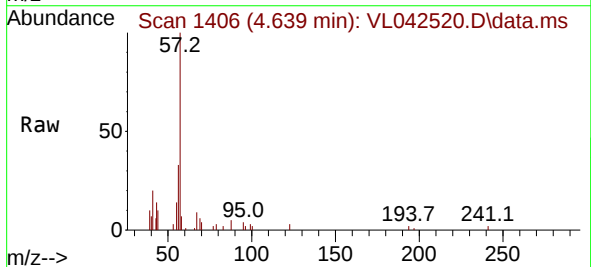
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

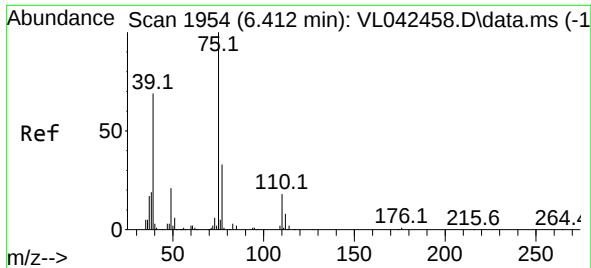
Tgt Ion: 69 Resp: 704
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.074 ppbv
RT: 4.639 min Scan# 1406
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 57 Resp: 2074
Ion Ratio Lower Upper
57 100
41 224.4 30.6 45.8#
56 180.2 25.0 37.6#

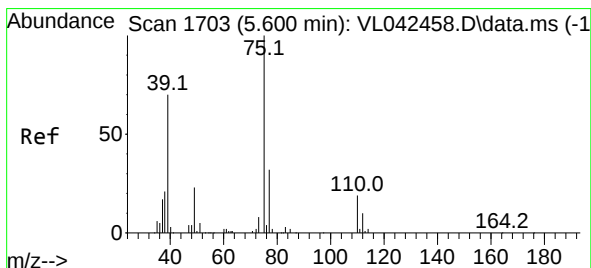
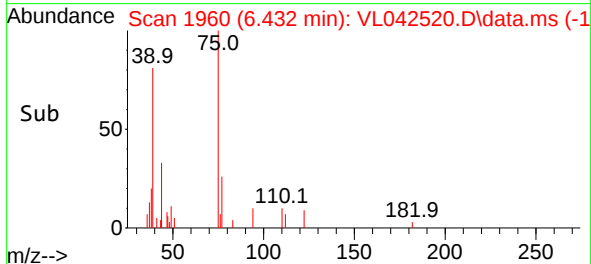
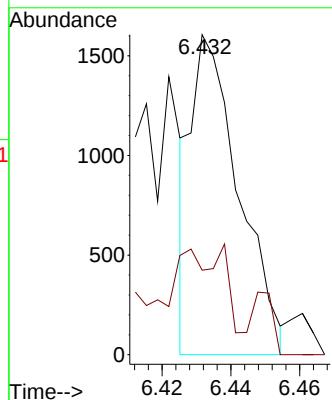
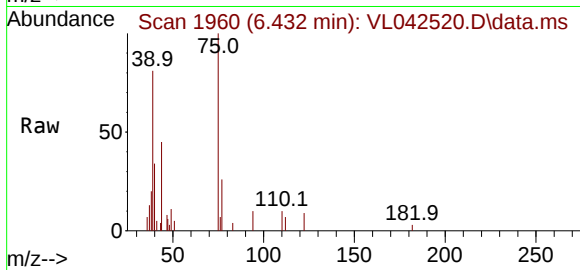




#45
 t-1,3-Dichloropropene
 Concen: 0.182 ppbv
 RT: 6.432 min Scan# 1954
 Delta R.T. 0.020 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

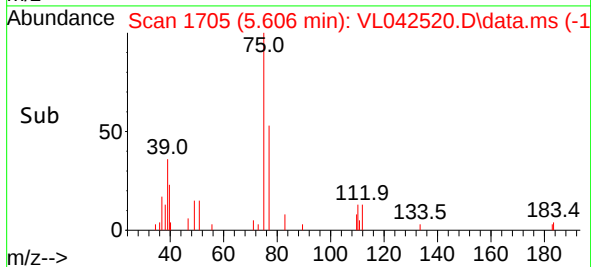
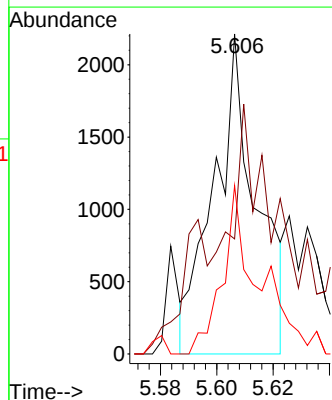
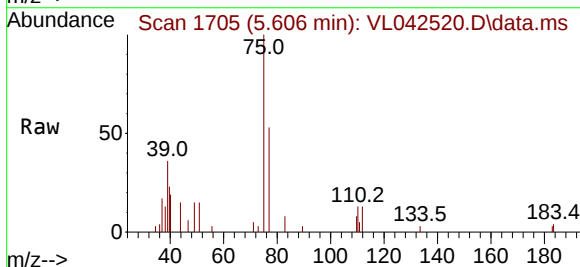
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

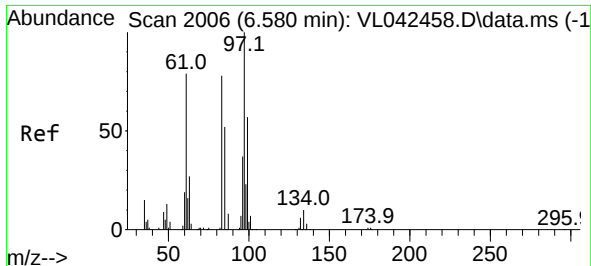
Tgt Ion: 75 Resp: 1553
 Ion Ratio Lower Upper
 75 100
 77 26.4 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.227 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Tgt Ion: 75 Resp: 2295
 Ion Ratio Lower Upper
 75 100
 39 55.1 55.7 83.5#
 77 62.7 25.8 38.8#

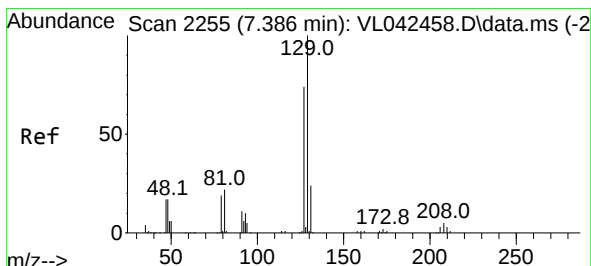
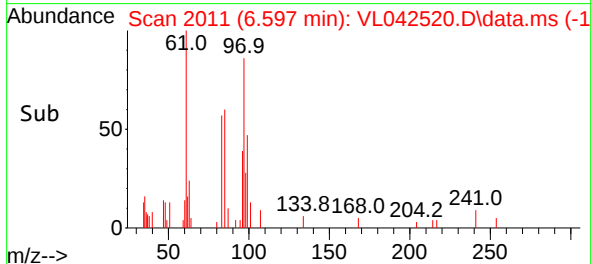
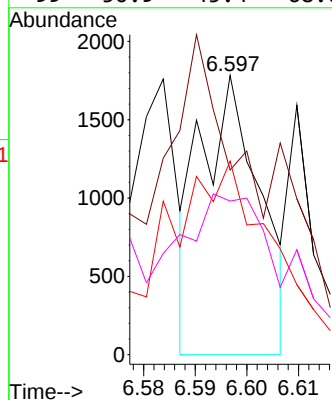
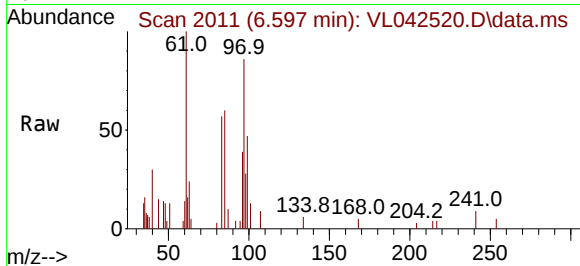




#47
 1,1,2-Trichloroethane
 Concen: 0.199 ppbv
 RT: 6.597 min Scan# 2006
 Delta R.T. 0.017 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

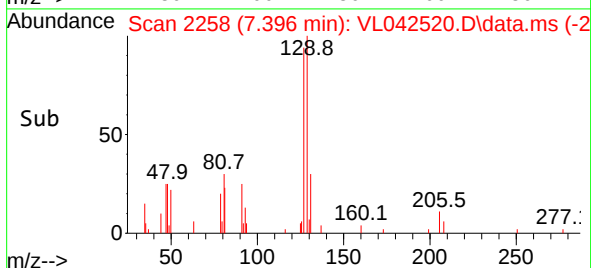
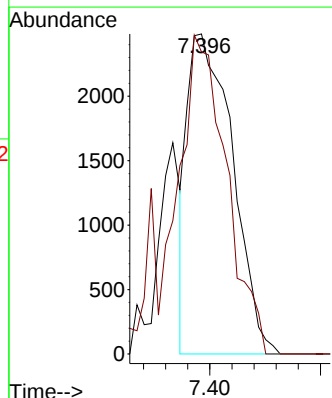
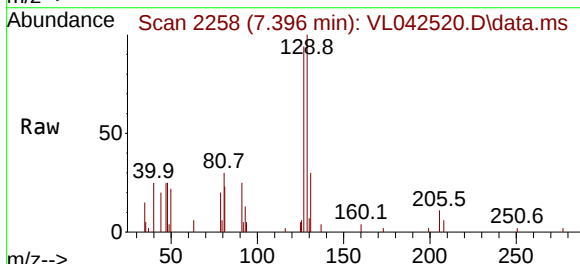
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

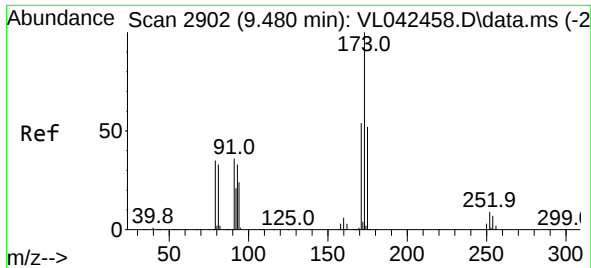
Tgt Ion:	97	Resp:	1419
Ion	Ratio	Lower	Upper
97	100		
83	0.0	62.2	93.2#
85	51.8	41.5	62.3
99	50.9	45.4	68.0



#48
 Dibromochloromethane
 Concen: 0.292 ppbv
 RT: 7.396 min Scan# 2258
 Delta R.T. 0.010 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Tgt Ion:	129	Resp:	3524
Ion	Ratio	Lower	Upper
129	100		
127	117.8	39.5	118.5

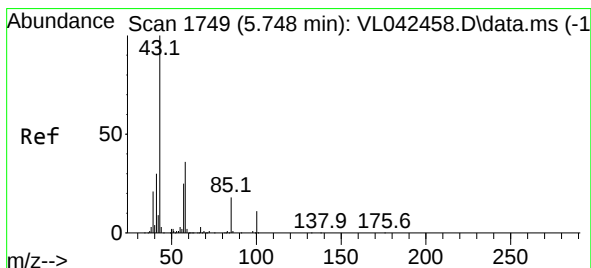
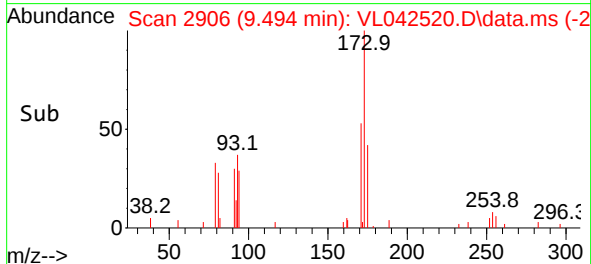
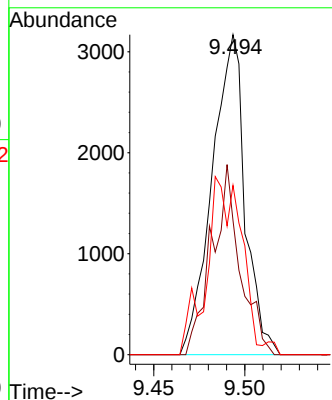
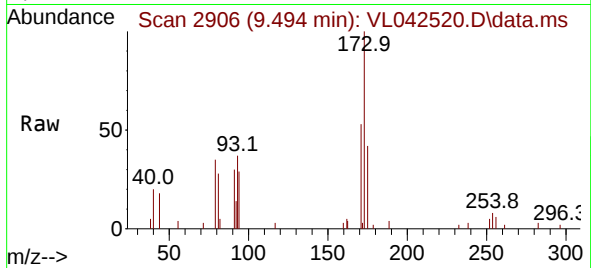




#49
Bromoform
Concen: 0.395 ppbv
RT: 9.494 min Scan# 2906
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

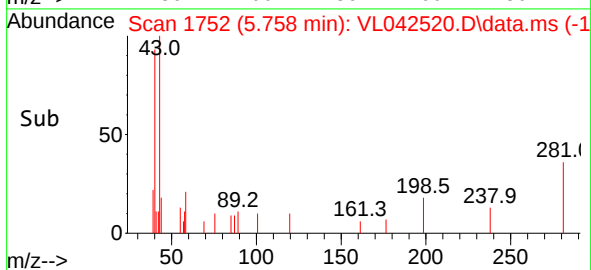
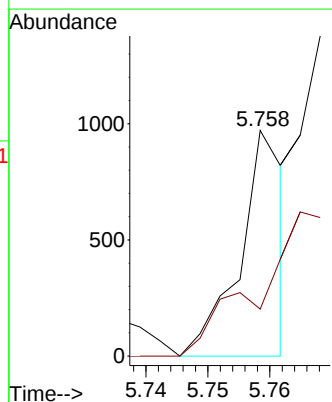
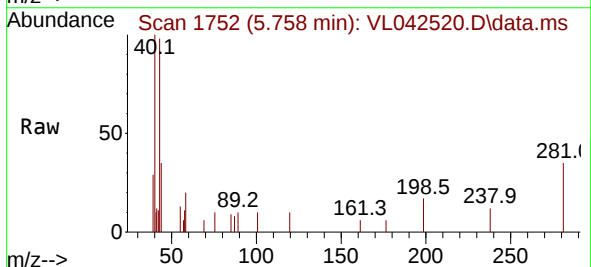
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

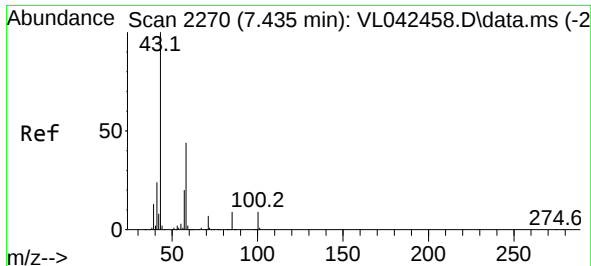
Tgt Ion:173	Resp:	3991
Ion	Ratio	Lower Upper
173	100	
175	51.2	38.9 58.3
171	60.3	40.6 60.8



#50
4-Methyl-2-Pentanone
Concen: 0.029 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 43	Resp:	481
Ion	Ratio	Lower Upper
43	100	
58	0.0	29.5 44.3#

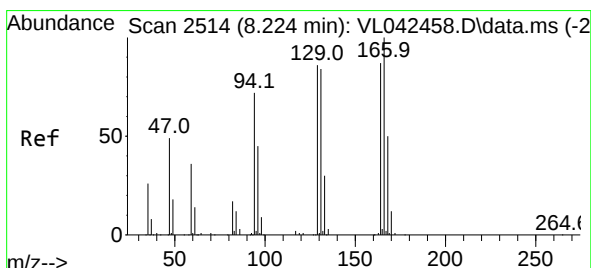
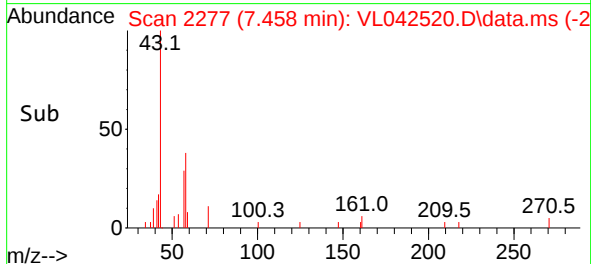
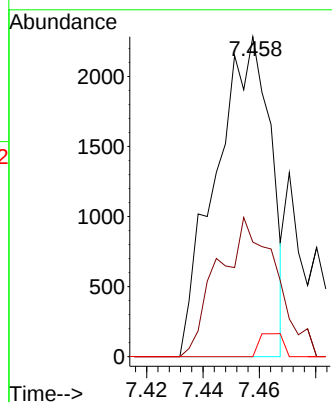
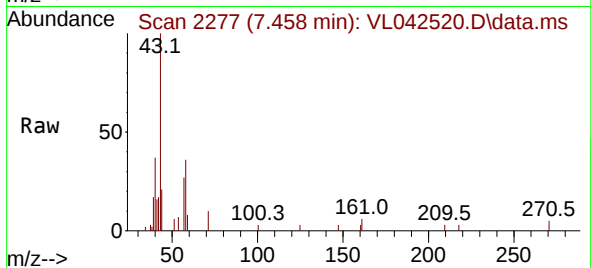




#51
2-Hexanone
Concen: 0.230 ppbv
RT: 7.458 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

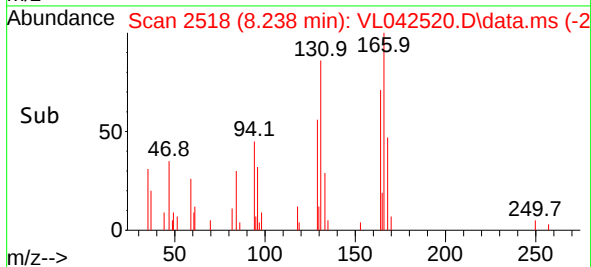
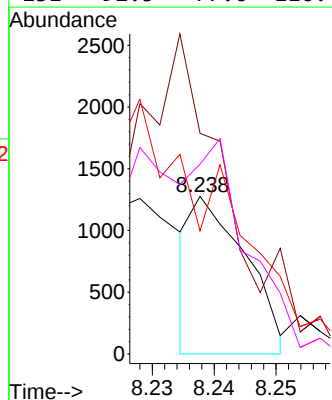
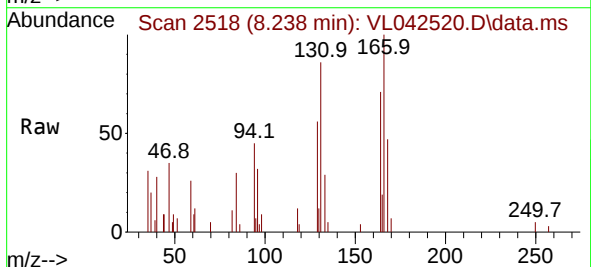
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

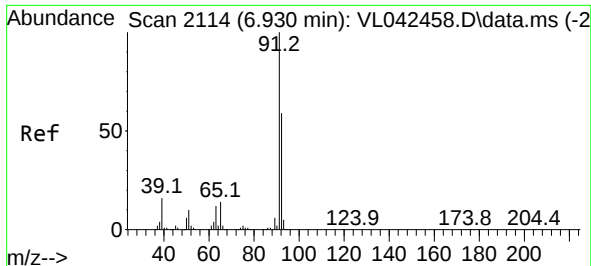
Tgt Ion: 43 Resp: 3096
Ion Ratio Lower Upper
43 100
58 45.8 37.2 55.8
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.117 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 164 Resp: 774
Ion Ratio Lower Upper
164 100
166 82.6 91.6 137.4#
129 32.6 79.0 118.4#
131 92.5 77.6 116.4

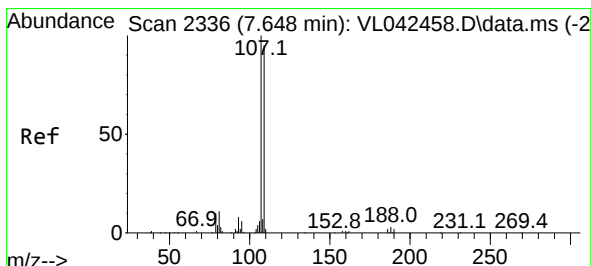
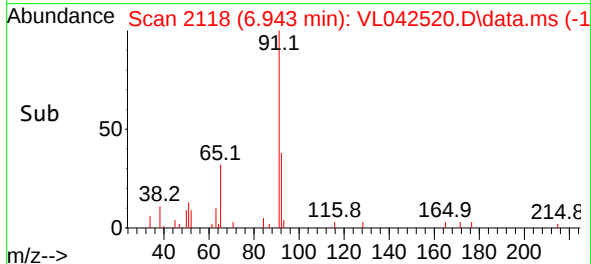
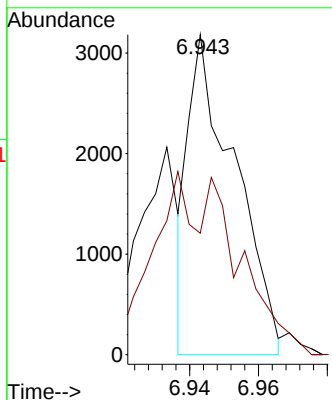
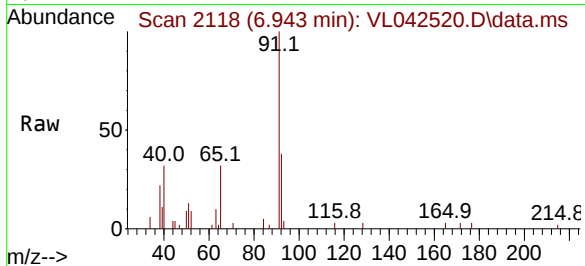




#53
Toluene
Concen: 0.163 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

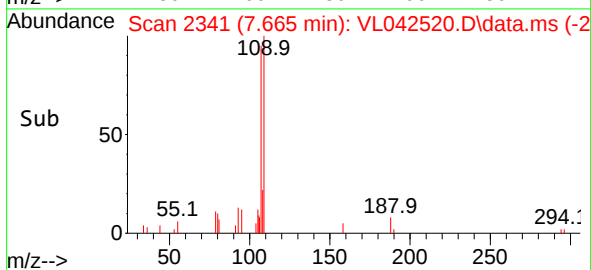
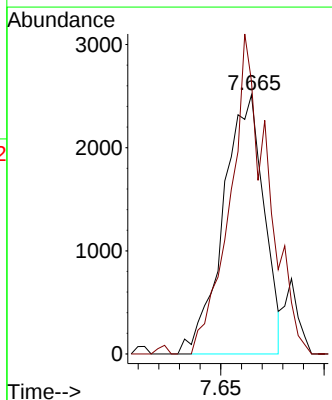
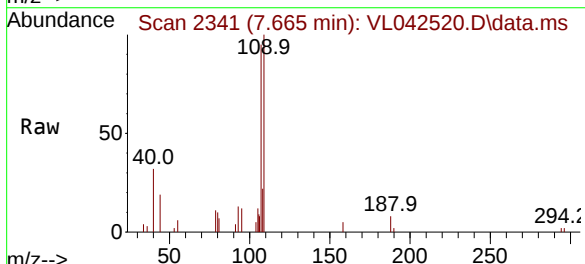
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

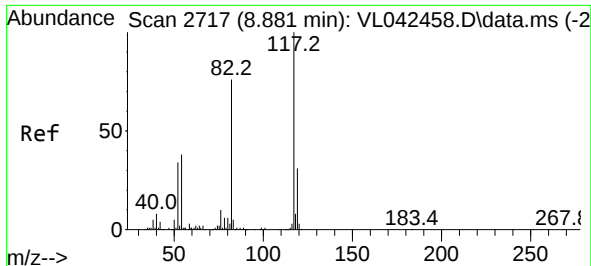
Tgt Ion: 91 Resp: 3004
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.314 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 107 Resp: 3432
Ion Ratio Lower Upper
107 100
109 105.2 76.0 114.0

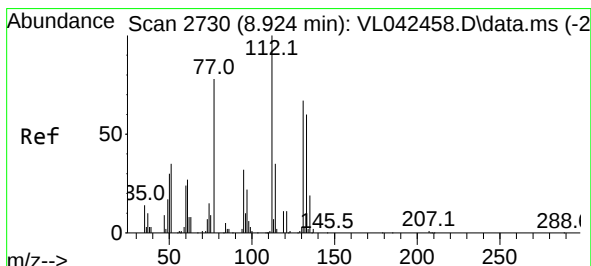
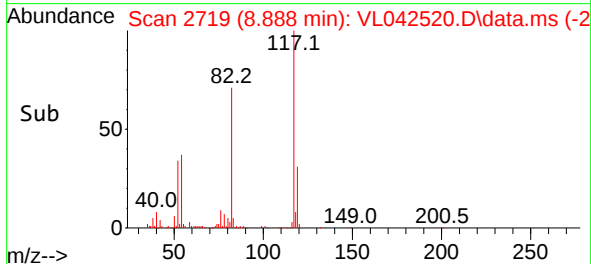
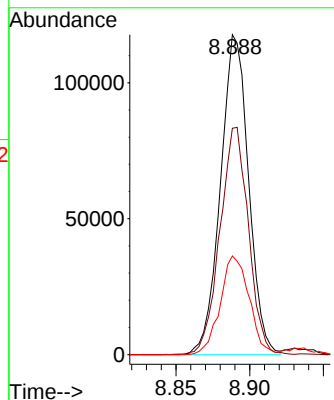
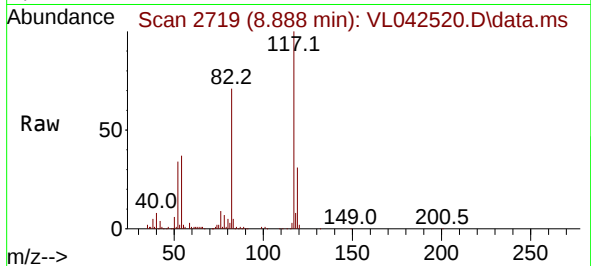




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

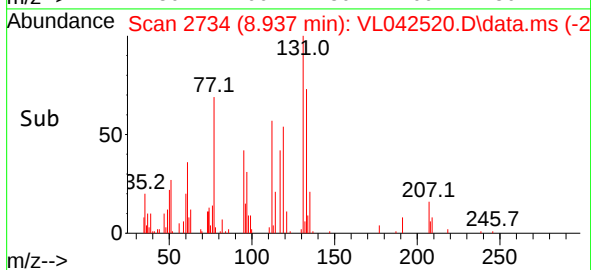
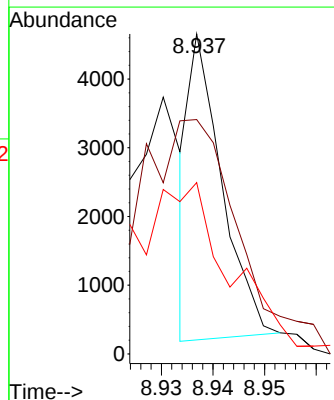
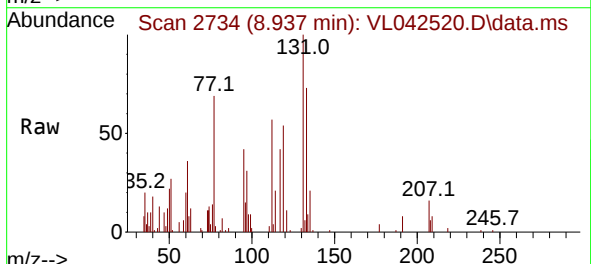
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

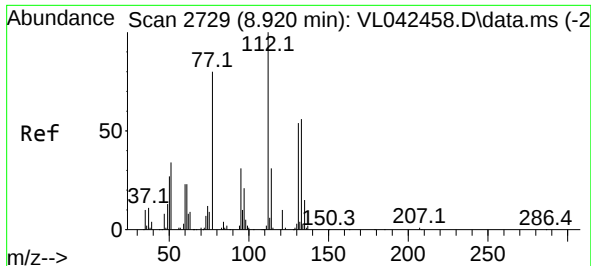
Tgt Ion:117 Resp: 155897
Ion Ratio Lower Upper
117 100
82 72.4 63.5 95.3
119 32.3 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.211 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:131 Resp: 1941
Ion Ratio Lower Upper
131 100
133 268.3 76.0 114.0#
119 0.0 46.1 69.1#

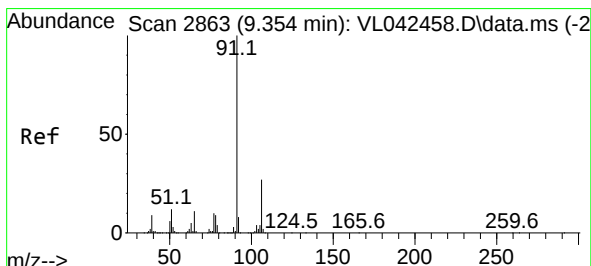
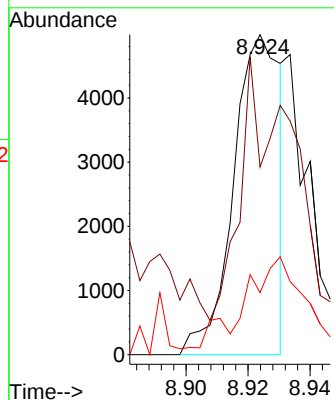
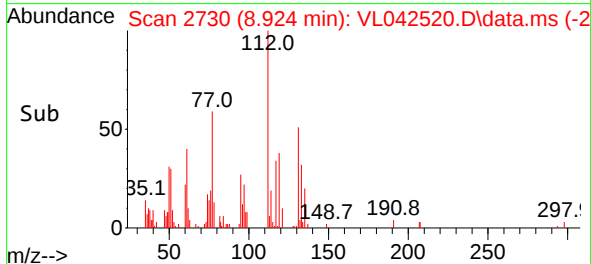
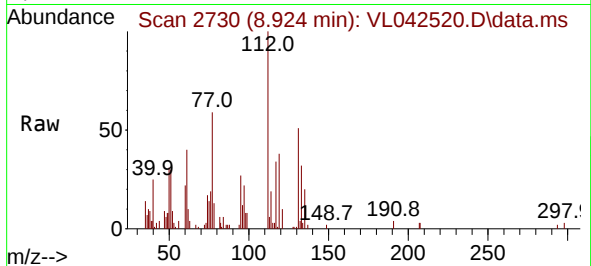




#57
Chlorobenzene
Concen: 0.334 ppbv
RT: 8.924 min Scan# 2121
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

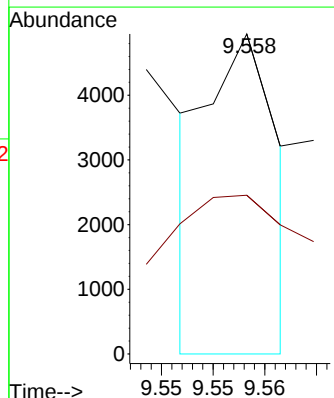
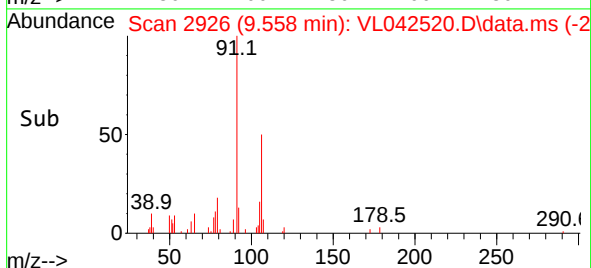
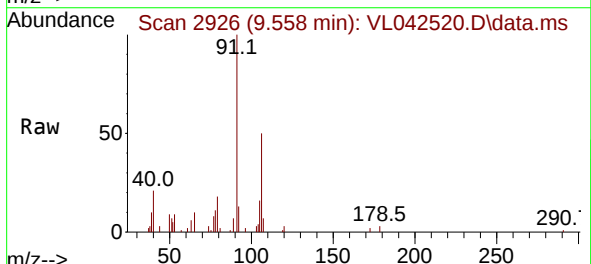
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

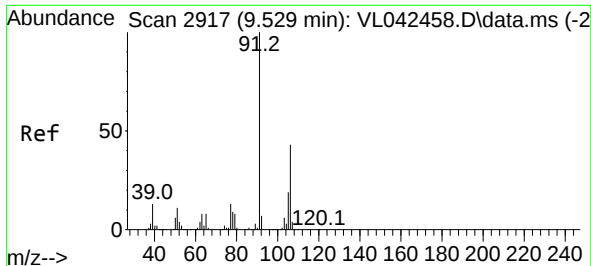
Tgt Ion:112 Resp: 5231
Ion Ratio Lower Upper
112 100
77 41.6 65.0 97.4#
114 10.9 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.090 ppbv
RT: 9.558 min Scan# 2926
Delta R.T. 0.204 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 91 Resp: 2334
Ion Ratio Lower Upper
91 100
106 26.3 21.9 32.9





#59

m/p-Xylene

Concen: 0.104 ppbv

RT: 9.539 min Scan# 2917

Delta R.T. 0.010 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

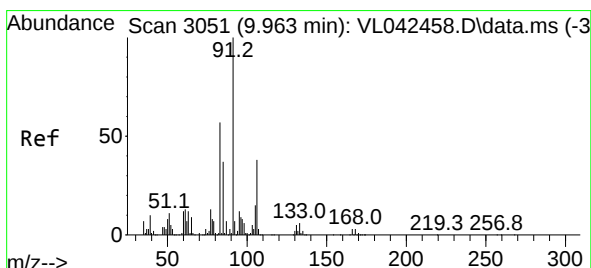
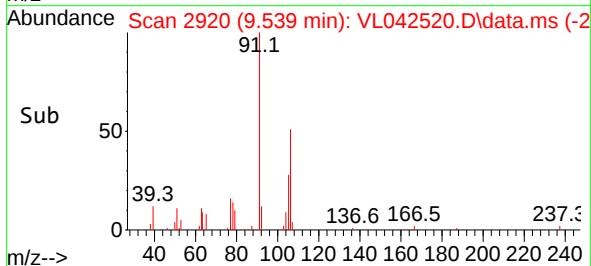
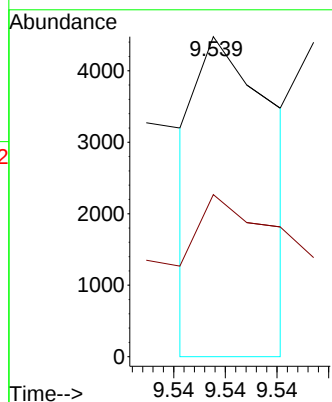
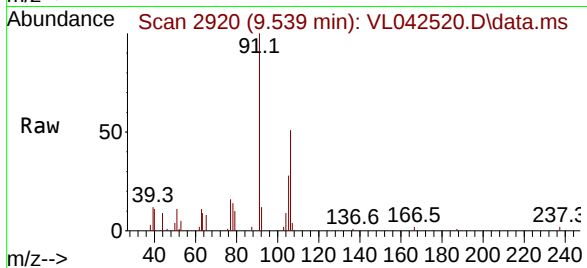
MDL3 0.40

Tgt Ion: 91 Resp: 2280

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.240 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL042520.D

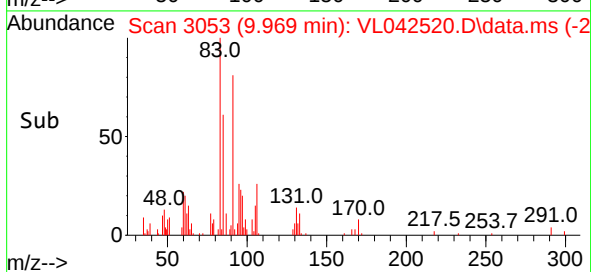
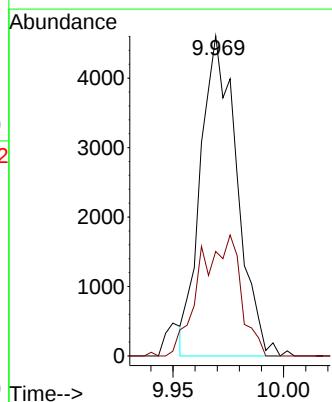
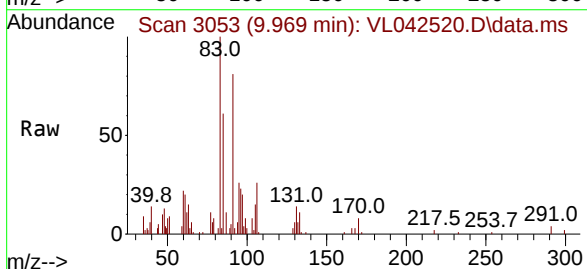
Acq: 07 May 2025 16:13

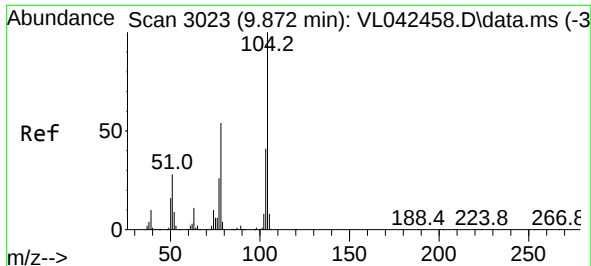
Tgt Ion: 91 Resp: 5258

Ion Ratio Lower Upper

91 100

106 42.9 20.1 60.2

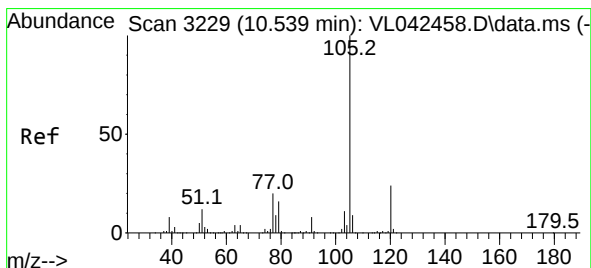
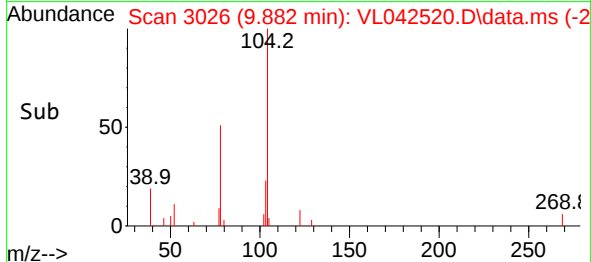
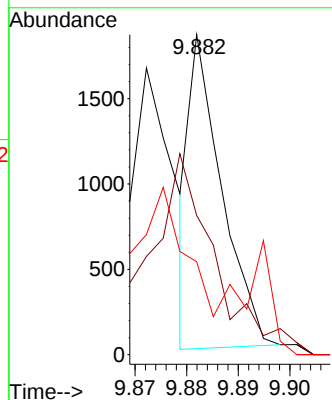
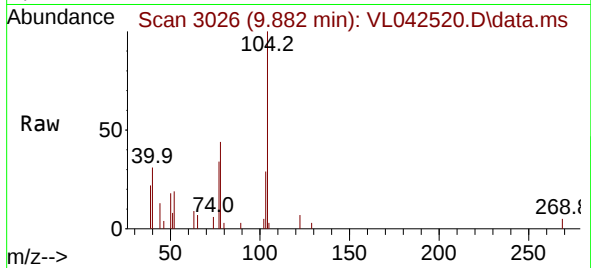




#61
Styrene
Concen: 0.098 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

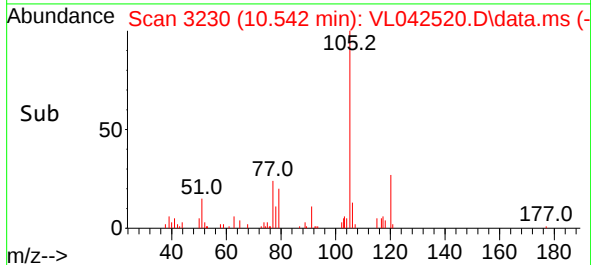
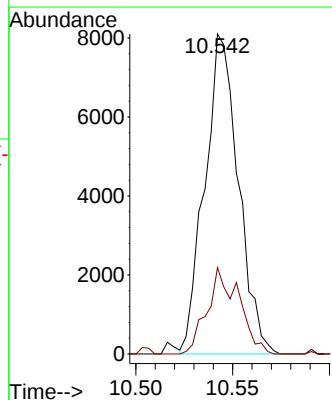
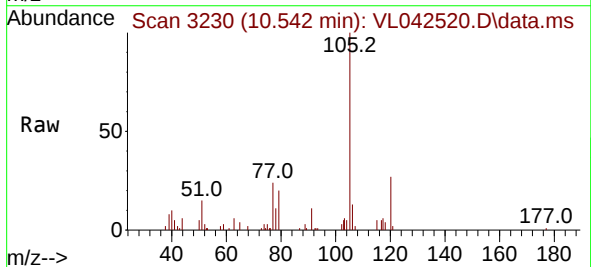
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

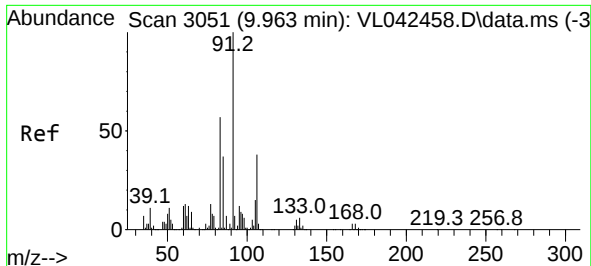
Tgt Ion:104 Resp: 799
Ion Ratio Lower Upper
104 100
78 131.0 46.9 70.3#
103 0.0 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.310 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:105 Resp: 9764
Ion Ratio Lower Upper
105 100
120 26.2 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 0.489 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

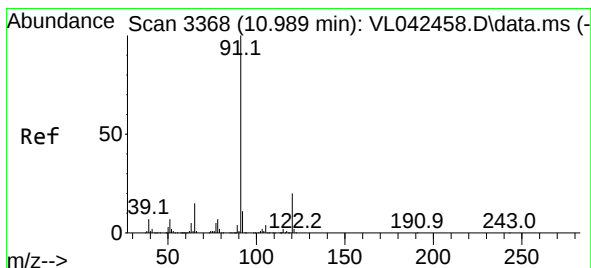
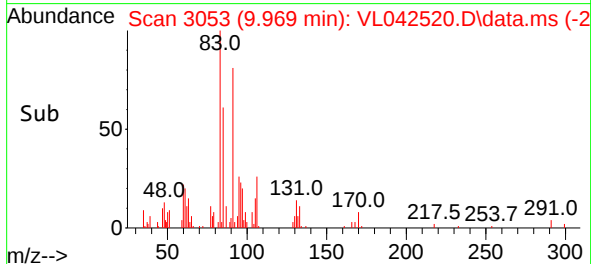
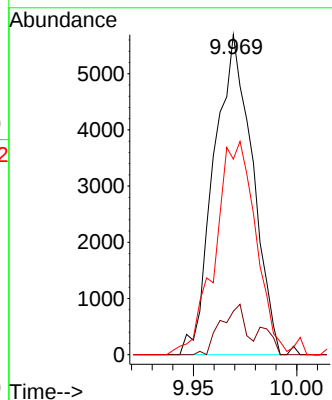
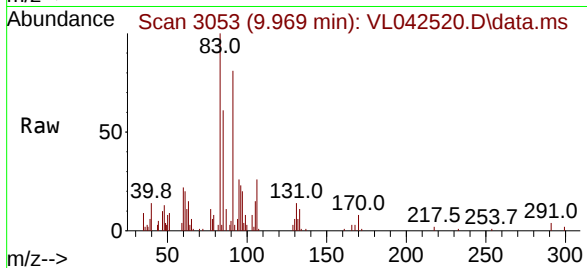
Tgt Ion: 83 Resp: 7375

Ion Ratio Lower Upper

83 100

131 13.5 4.7 14.1

85 71.7 32.5 97.4



#64

n-propylbenzene

Concen: 0.247 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.007 min

Lab File: VL042520.D

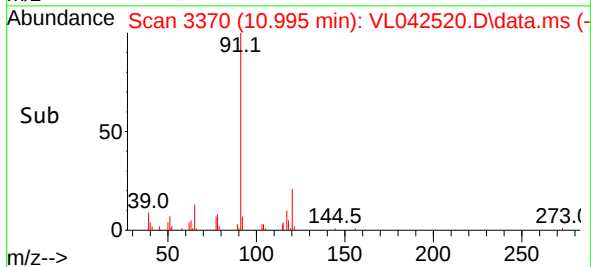
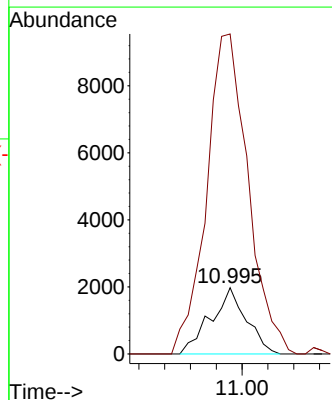
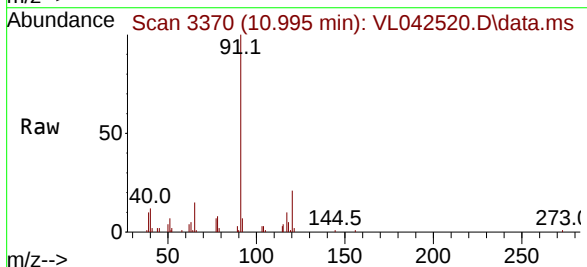
Acq: 07 May 2025 16:13

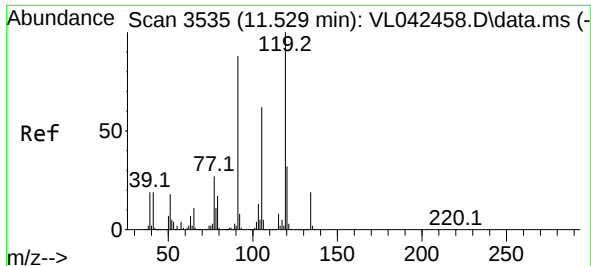
Tgt Ion: 120 Resp: 1901

Ion Ratio Lower Upper

120 100

91 564.0 408.6 612.8

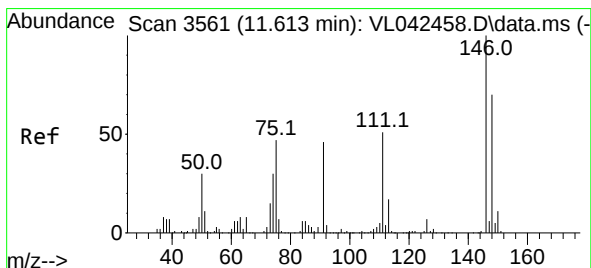
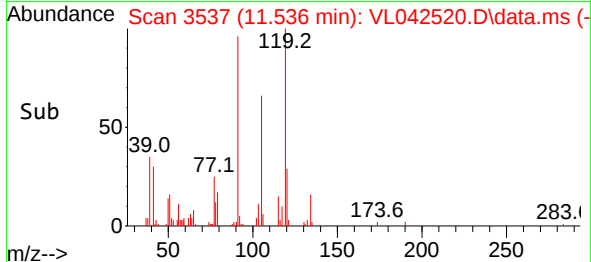
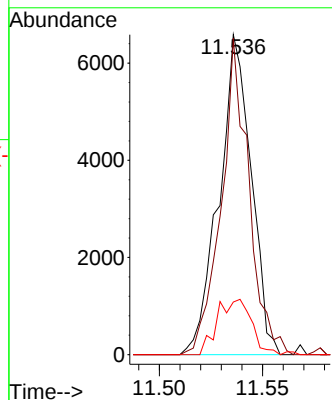
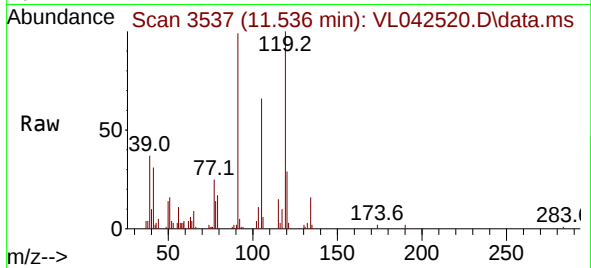




#65
tert-Butylbenzene
Concen: 0.253 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

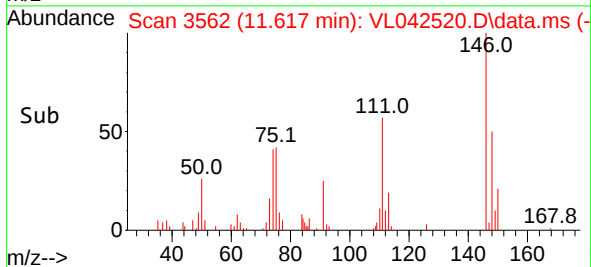
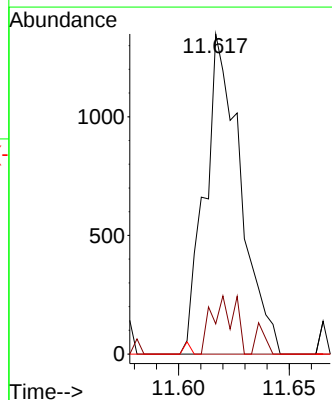
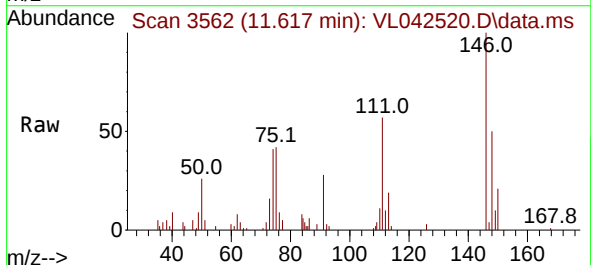
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

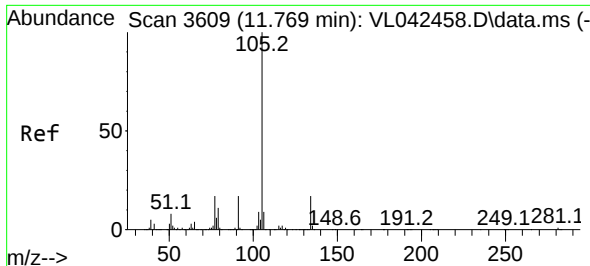
Tgt Ion:	119	Resp:	7121
Ion	Ratio	Lower	Upper
119	100		
91	85.5	71.6	107.4
134	18.7	15.0	22.4



#66
Benzyl Chloride
Concen: 0.464 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:	91	Resp:	1510
Ion	Ratio	Lower	Upper
91	100		
126	14.4	13.3	19.9
128	0.0	4.2	6.4

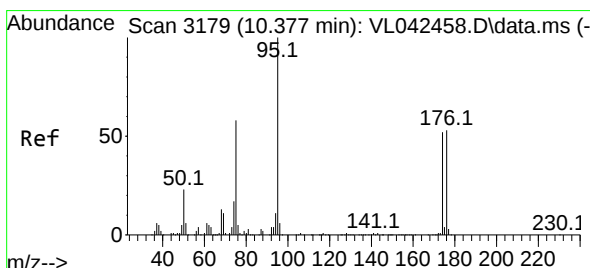
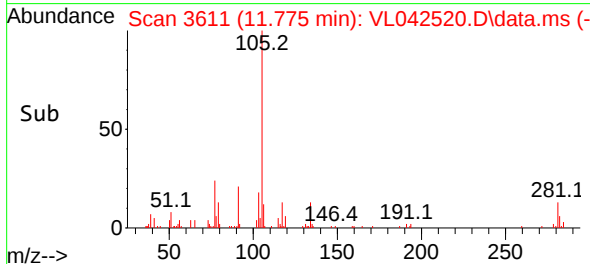
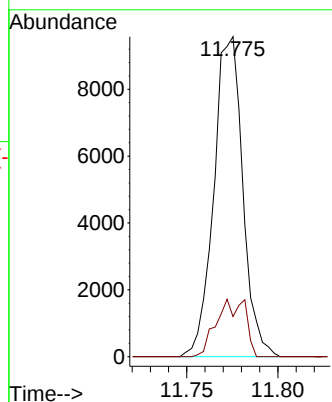
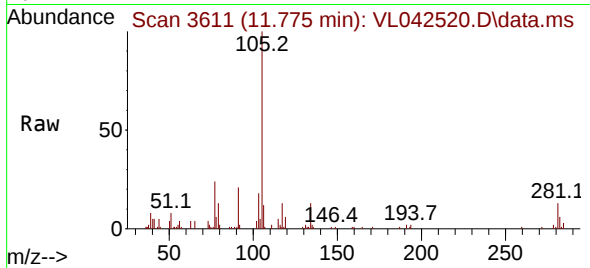




#67
 sec-Butylbenzene
 Concen: 0.264 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

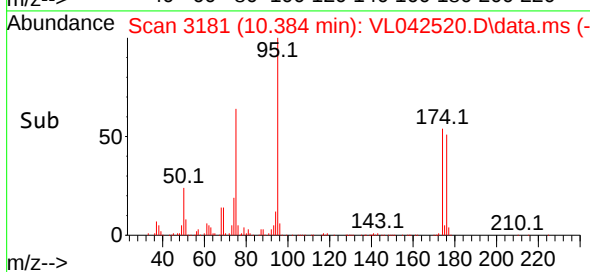
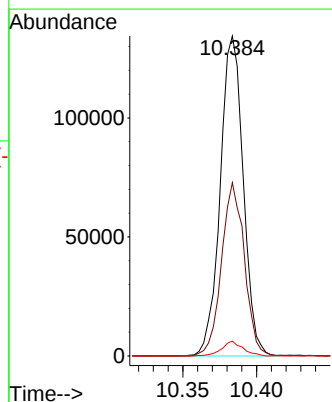
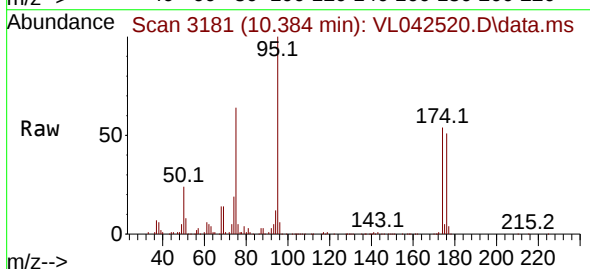
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

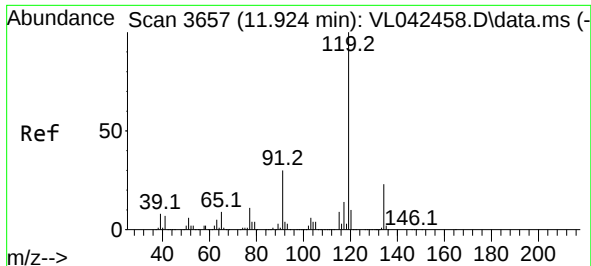
Tgt Ion:105 Resp: 10559
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.094 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Tgt Ion: 95 Resp: 145904
 Ion Ratio Lower Upper
 95 100
 174 54.0 42.7 64.1
 175 4.3 3.6 5.4

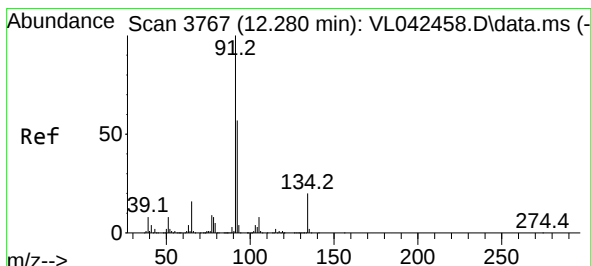
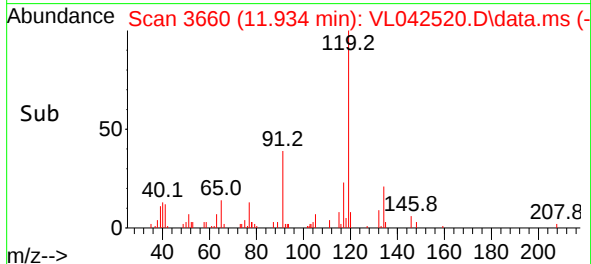
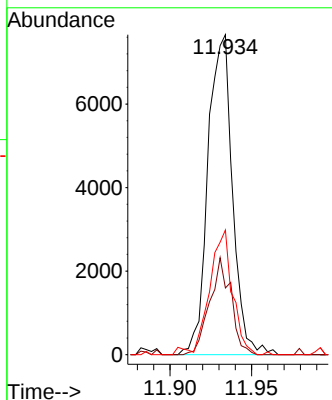
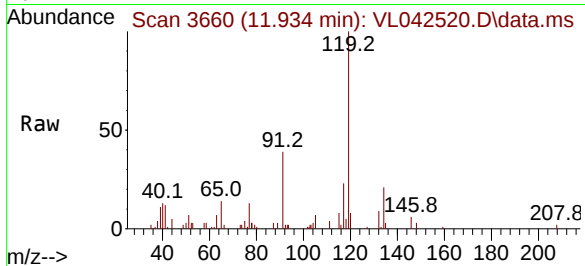




#69
p-Isopropyltoluene
Concen: 0.238 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

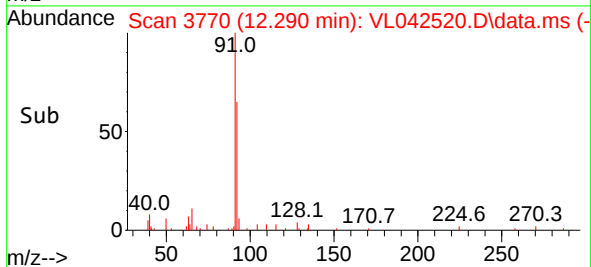
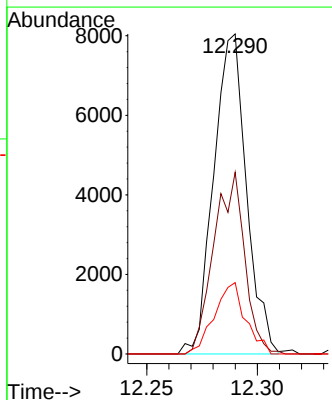
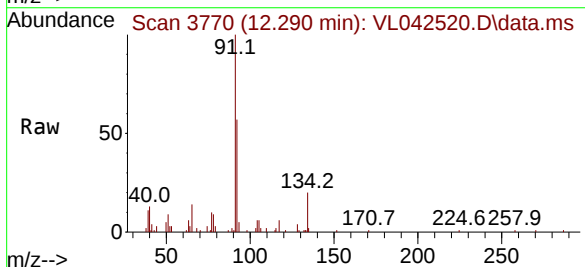
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

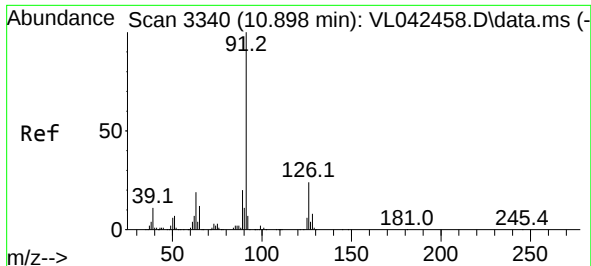
Tgt Ion:	119	Resp:	8016
Ion	Ratio	Lower	Upper
119	100		
134	26.3	19.0	28.4
91	36.8	25.5	38.3



#70
n-Butylbenzene
Concen: 0.238 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:	91	Resp:	8281
Ion	Ratio	Lower	Upper
91	100		
92	53.3	44.0	66.0
134	21.3	16.8	25.2

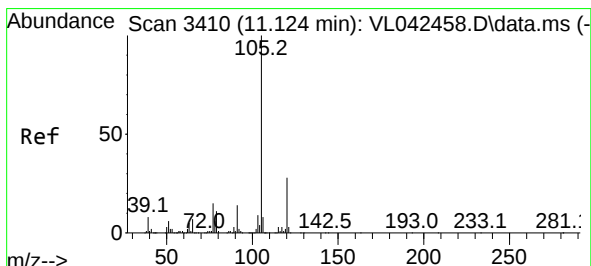
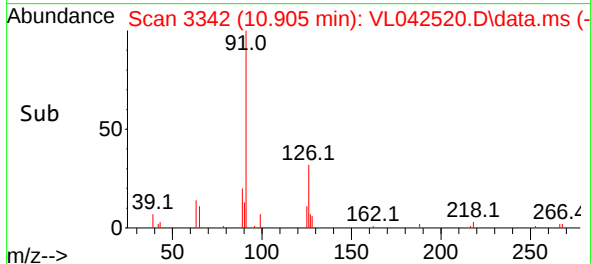
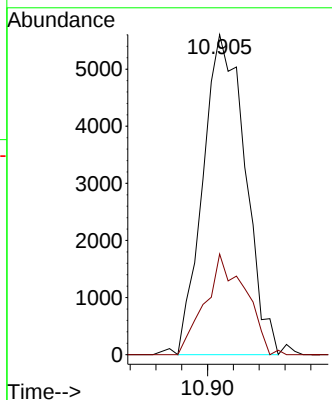
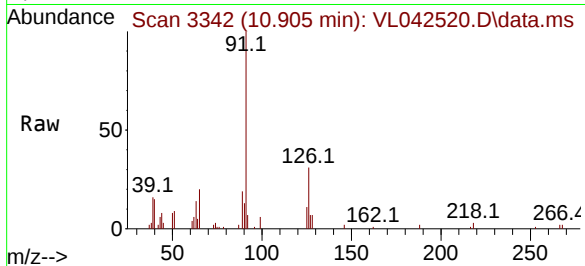




#71
2-Chlorotoluene
Concen: 0.257 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

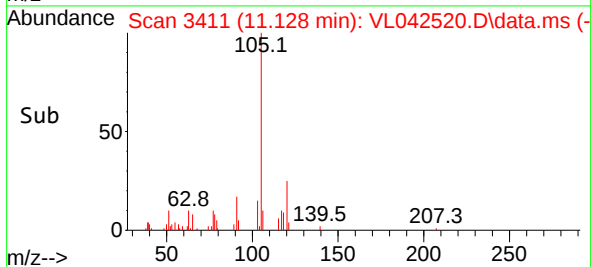
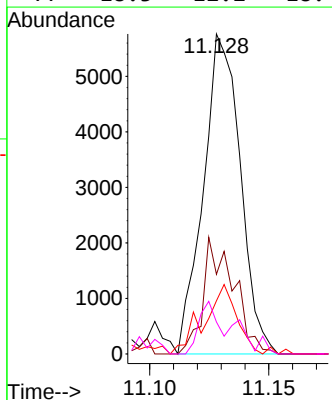
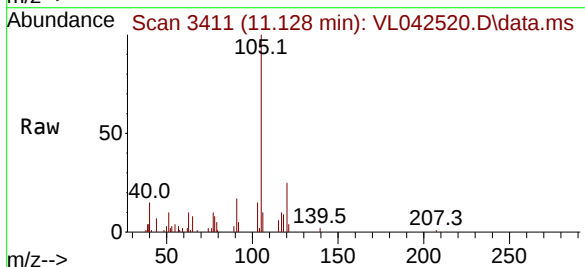
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

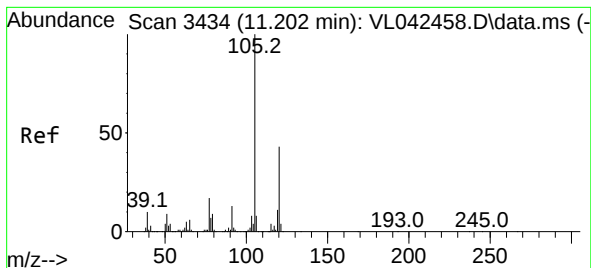
Tgt Ion: 91 Resp: 6370
Ion Ratio Lower Upper
91 100
126 29.9 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.241 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 105 Resp: 6217
Ion Ratio Lower Upper
105 100
120 31.7 22.0 33.0
91 22.3 11.2 16.8#
77 18.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.247 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

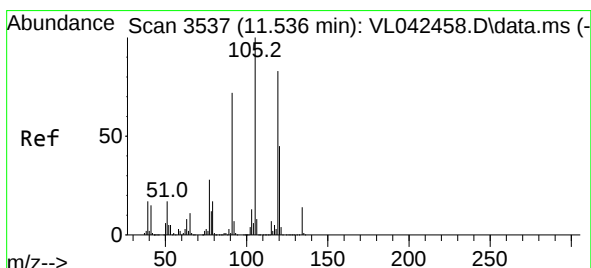
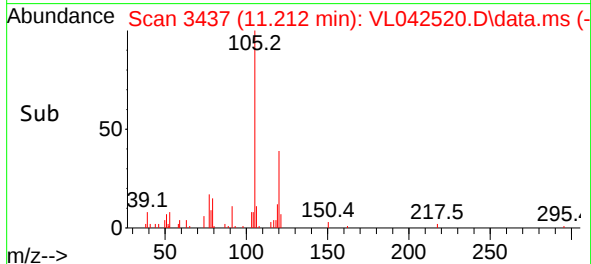
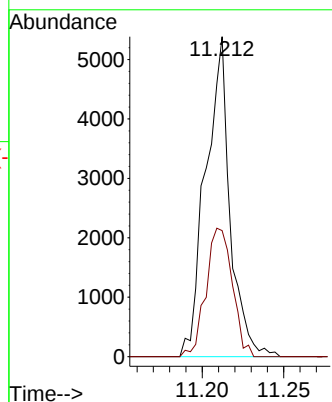
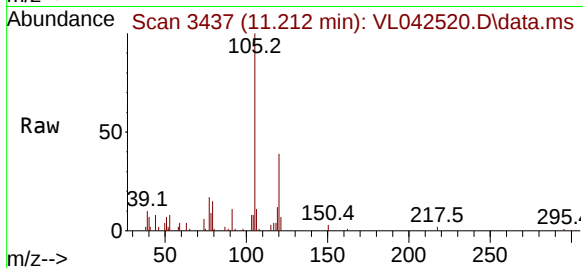
MDL3 0.40

Tgt Ion:105 Resp: 5594

Ion Ratio Lower Upper

105 100

120 39.4 34.4 51.6



#74

1,2,4-Trimethylbenzene

Concen: 0.246 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Tgt Ion:105 Resp: 6753

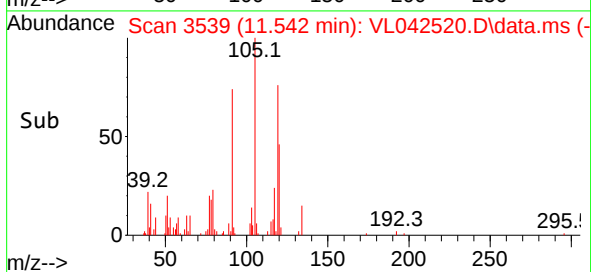
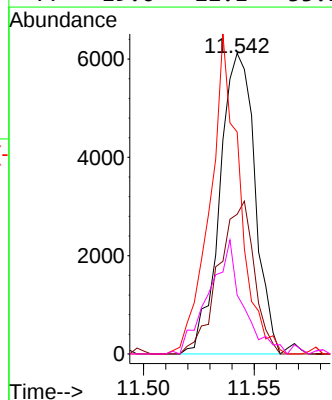
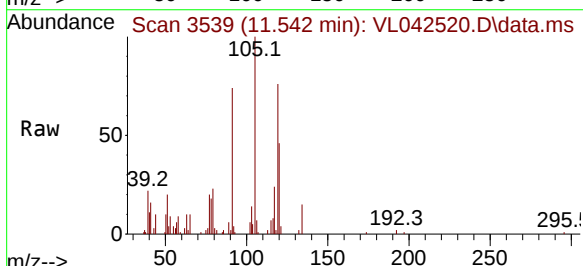
Ion Ratio Lower Upper

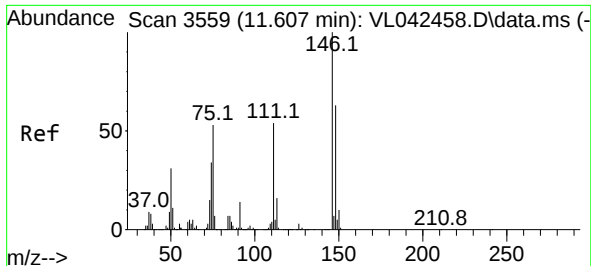
105 100

120 46.5 36.1 54.1

91 72.4 57.6 86.4

77 19.6 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.415 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.004 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

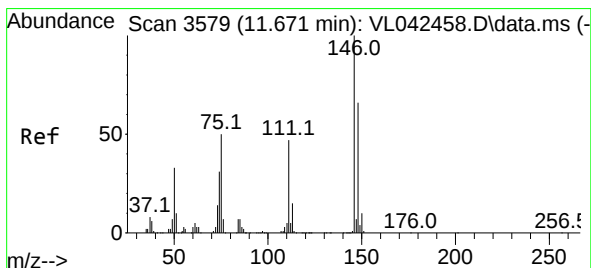
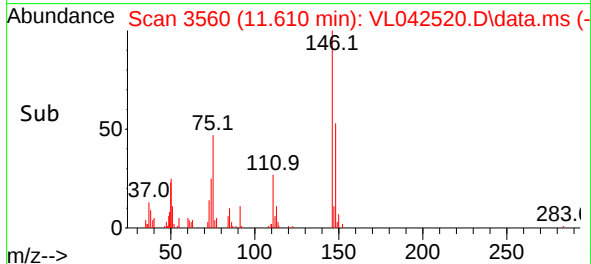
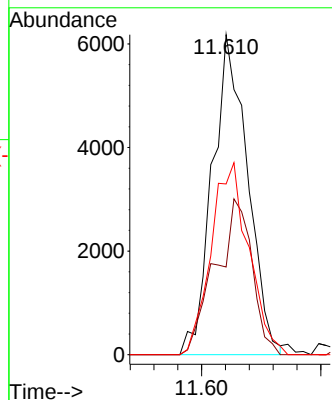
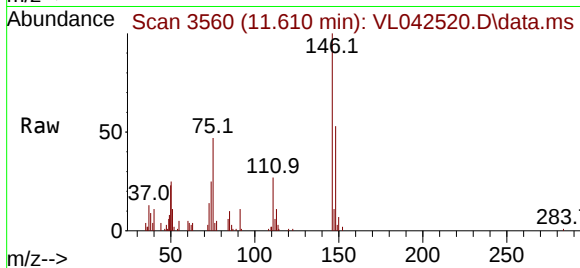
Tgt Ion:146 Resp: 6344

Ion Ratio Lower Upper

146 100

111 50.3 26.1 78.3

148 64.1 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 0.364 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

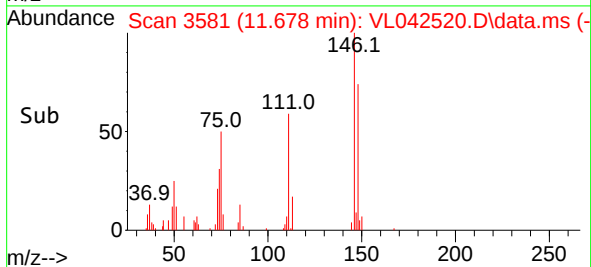
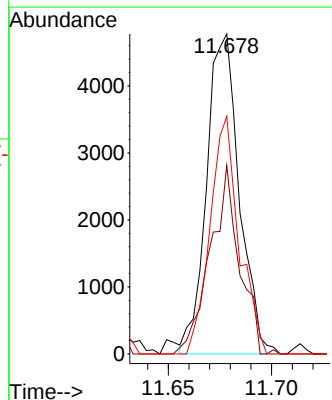
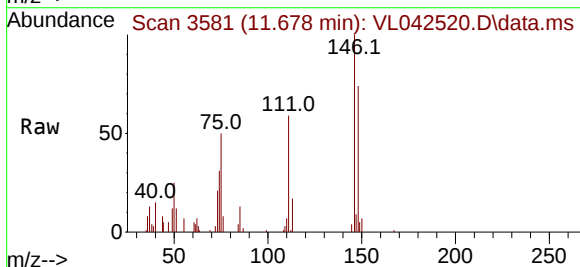
Tgt Ion:146 Resp: 5258

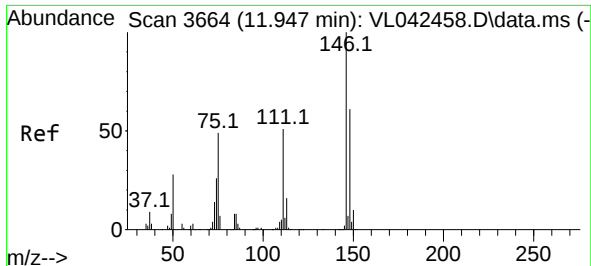
Ion Ratio Lower Upper

146 100

111 52.5 24.4 73.2

148 65.9 32.0 96.2

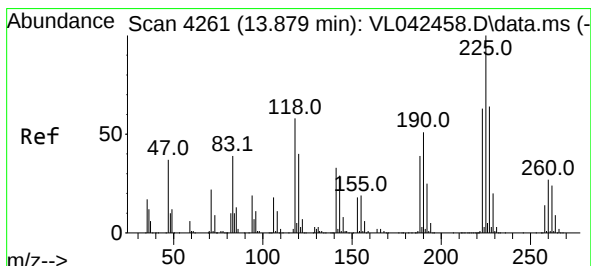
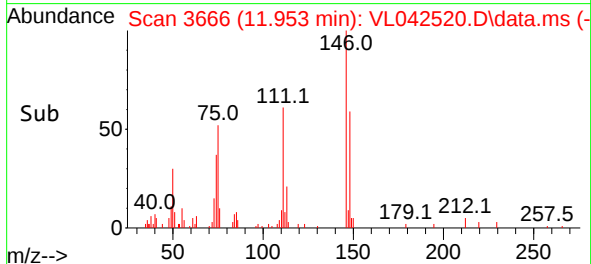
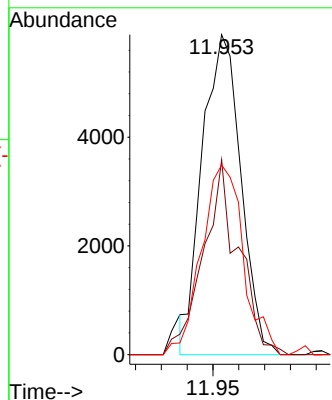
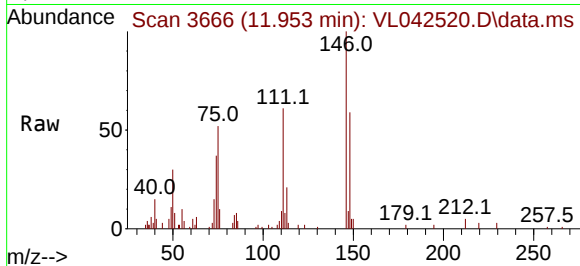




#77
1,2-Dichlorobenzene
Concen: 0.409 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

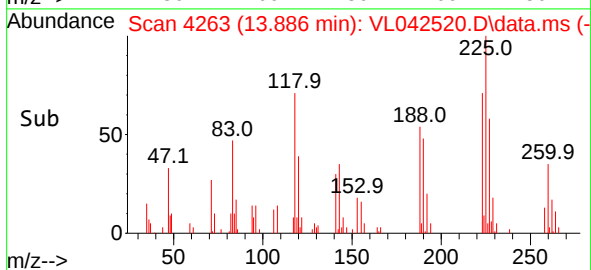
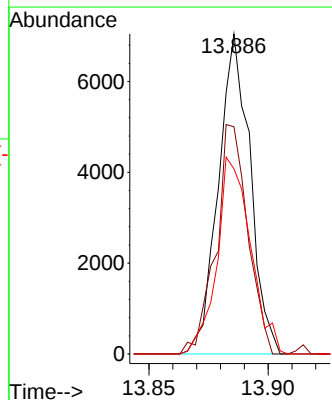
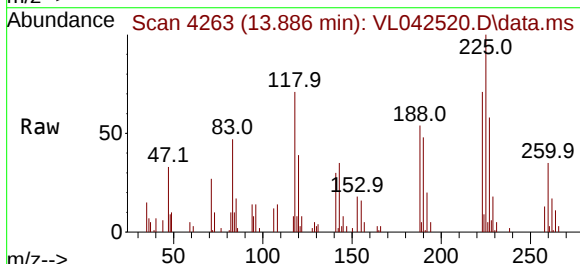
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

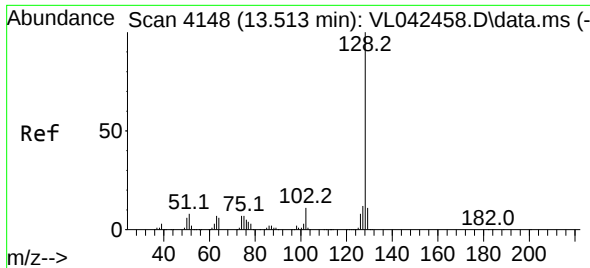
Tgt Ion:146	Resp:	6115	
Ion	Ratio	Lower	Upper
146	100		
111	55.4	26.5	79.5
148	65.1	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.436 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt	Ion:225	Resp:	6511
Ion	Ratio	Lower	Upper
225	100		
223	72.6	50.2	75.4
227	65.3	51.2	76.8

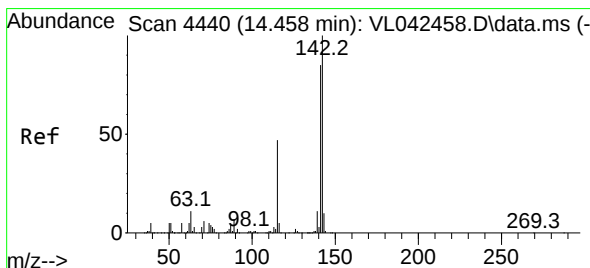
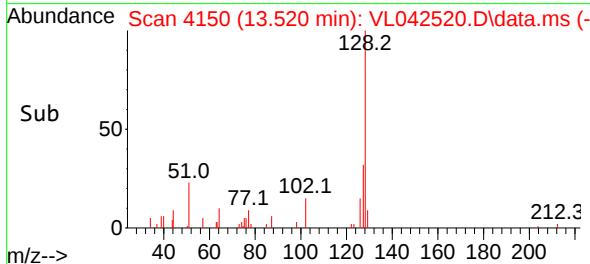
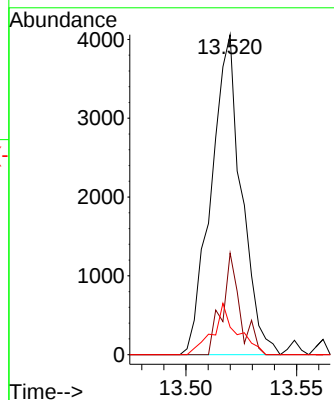
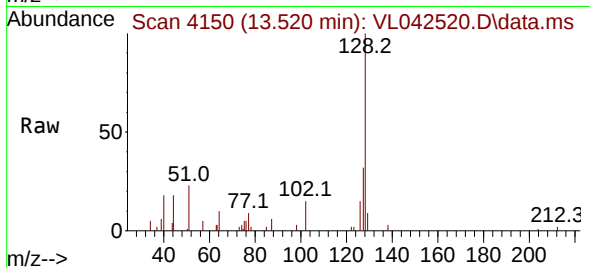




#79
Naphthalene
Concen: 0.168 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

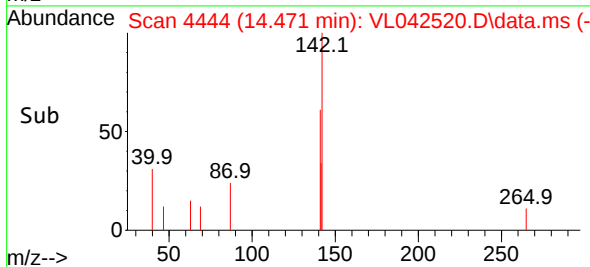
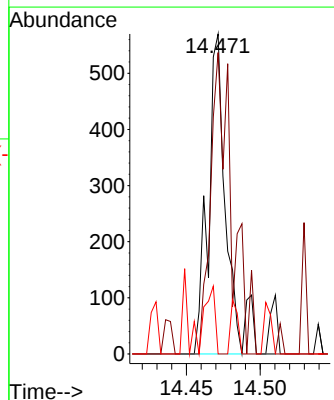
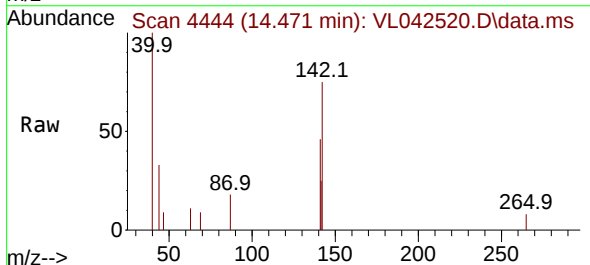
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

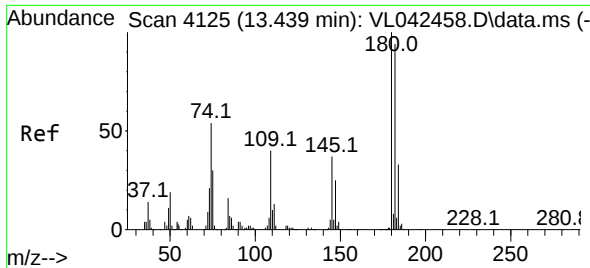
Tgt Ion:128 Resp: 3870
Ion Ratio Lower Upper
128 100
127 31.7 9.7 14.5#
129 8.6 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.030 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:142 Resp: 519
Ion Ratio Lower Upper
142 100
141 119.5 67.4 101.0#
115 6.4 36.9 55.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.180 ppbv

RT: 13.452 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL042520.D

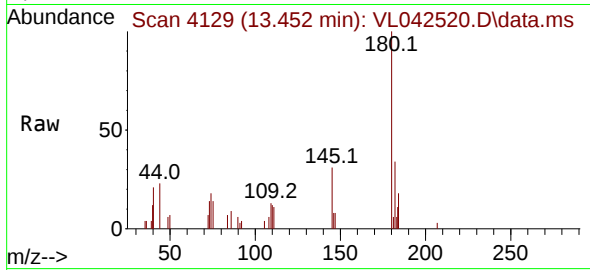
Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40



Tgt Ion:180 Resp: 2213

Ion Ratio Lower Upper

180 100

182 98.3 74.6 111.8

184 30.3 24.9 37.3

