

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042518.D
 Acq On : 07 May 2025 15:02
 Operator : SY/MD
 Sample : MDL1 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

Quant Time: May 08 01:37:31 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	2.793	49	71533	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	184794	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.894	117	153066	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.387	95	145687	10.266	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	5830	0.493	ppbv	90
3) Chlorodifluoromethane	1.476	51	6172	0.493	ppbv	98
4) Chloromethane	1.534	50	2867	0.579	ppbv	99
5) Vinyl Chloride	1.580	62	2164	0.434	ppbv #	66
6) Bromomethane	1.667	94	1274	0.541	ppbv	92
7) Chloroethane	1.706	64	1005	0.546	ppbv #	87
8) Dichlorotetrafluoroethane	1.557	85	5551	0.569	ppbv	99
9) Propene	1.939	41	595	0.145	ppbv	85
10) Heptane	4.994	43	850	0.080	ppbv #	1
11) Trichlorofluoromethane	1.881	101	5919	0.542	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.146	101	4505	0.517	ppbv	98
13) Ethanol	1.725	45	690	0.831	ppbv	99
14) Bromoethene	1.784	108	1457	0.452	ppbv #	78
15) Acetone	1.842	43	8158	0.625	ppbv	100
16) 1,3-Butadiene	1.609	39	3123	0.542	ppbv #	80
17) tert-Butyl alcohol	2.049	59	4728	0.411	ppbv	96
18) 1,1-Dichloroethene	2.039	96	1875	0.460	ppbv	83
19) Isopropyl Alcohol	1.890	45	3531	0.489	ppbv	100
20) Methylene Chloride	2.068	84	2484	0.633	ppbv #	79
21) Allyl Chloride	2.101	41	4271	0.509	ppbv	86
22) trans-1,2-Dichloroethene	2.725	96	2234	0.470	ppbv	79
23) Vinyl Acetate	2.466	43	5005	0.402	ppbv #	91
24) 1,1-Dichloroethane	2.415	63	4864	0.501	ppbv	98
25) Ethyl Acetate	2.852	43	6530	0.312	ppbv #	90
26) Hexane	2.832	57	1183	0.130	ppbv #	1
27) Carbon Disulfide	2.153	76	4817	0.453	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2710	0.495	ppbv	96
29) Chloroform	2.855	83	8716	0.511	ppbv	94
30) Cyclohexane	3.868	84	1898	0.249	ppbv #	80
31) cis-1,2-Dichloroethene	2.729	61	3481	0.328	ppbv #	75
32) 1,1,1-Trichloroethane	3.376	97	8270	0.447	ppbv	96
34) 2-Butanone	2.567	43	4830	0.361	ppbv #	87
35) Carbon Tetrachloride	3.774	117	7513	0.448	ppbv	98
36) Benzene	3.671	78	4721	0.271	ppbv #	76
37) 1,2-Dichloroethane	3.227	62	6905	0.514	ppbv #	95
38) Trichloroethene	4.570	130	401	0.060	ppbv #	49
39) 1,2-Dichloropropane	4.334	63	651	0.100	ppbv	98
40) 1,4-Dioxane	4.612	88	358	0.117	ppbv #	100
41) Tetrahydrofuran	3.075	42	1094	0.172	ppbv #	40
42) Bromodichloromethane	4.499	83	7504	0.457	ppbv #	78
43) Methyl Methacrylate	4.904	69	1403	0.216	ppbv #	1
44) 2,2,4-Trimethylpentane	4.658	57	1223	0.043	ppbv #	1
45) t-1,3-Dichloropropene	6.444	75	396	0.046	ppbv	99

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

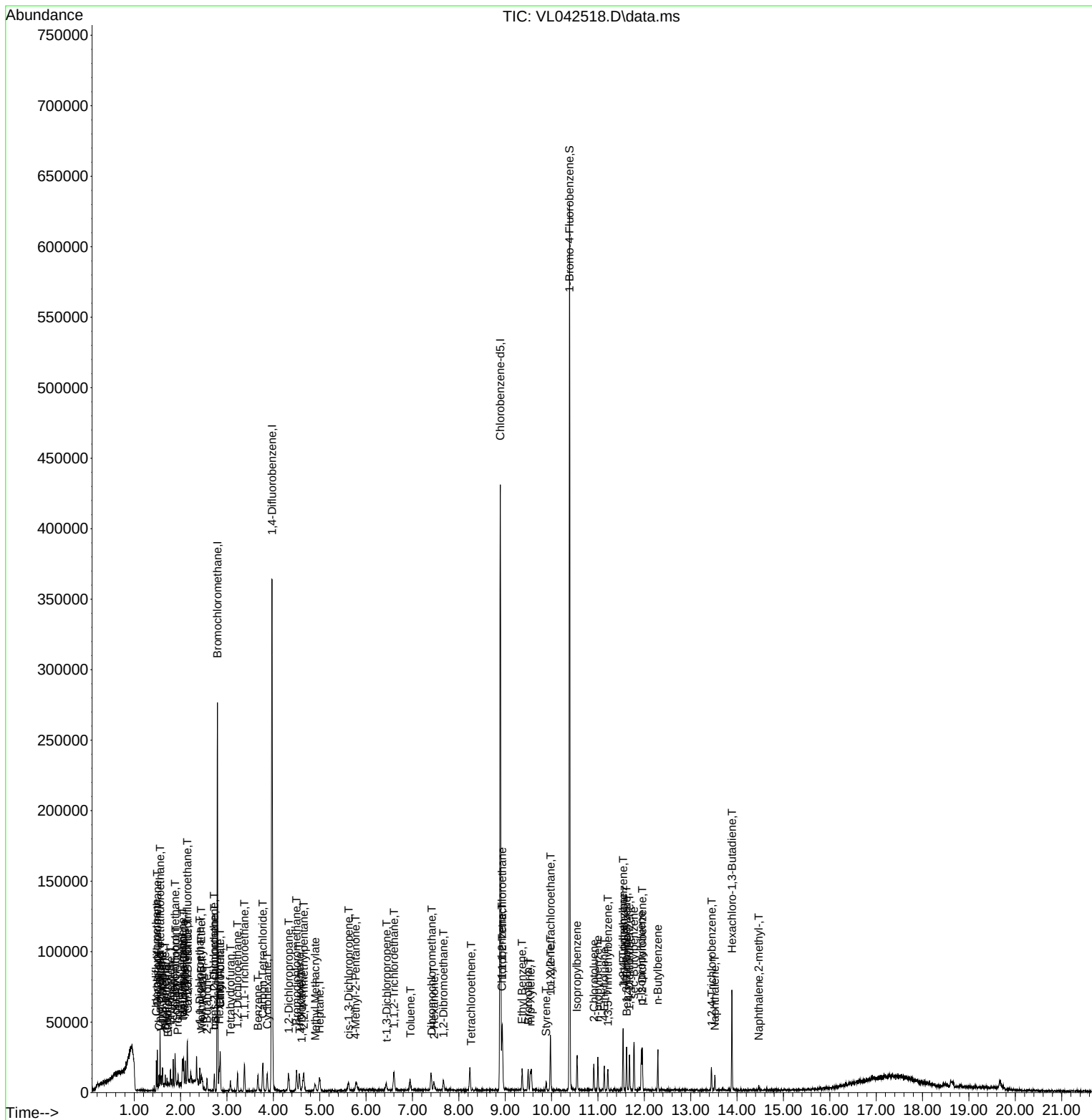
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 MSVOA_L
 ClientSampleId :
 MDL1 0.40

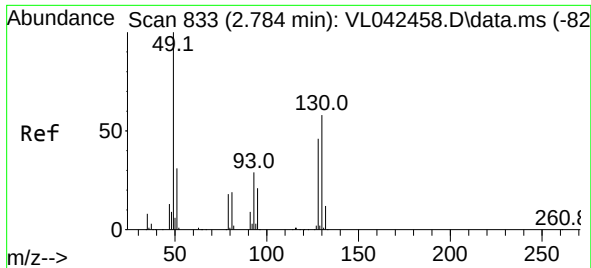
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.625	75	435	0.043	ppbv	#	1
47) 1,1,2-Trichloroethane	6.603	97	1101	0.154	ppbv	#	60
48) Dibromochloromethane	7.415	129	960	0.079	ppbv	#	10
49) Bromoform	9.496	173	4368	0.431	ppbv		98
50) 4-Methyl-2-Pentanone	5.774	43	1007	0.060	ppbv	#	38
51) 2-Hexanone	7.467	43	1246	0.092	ppbv	#	31
52) Tetrachloroethene	8.263	164	18	0.003	ppbv	#	1
53) Toluene	6.959	91	1337	0.072	ppbv	#	21
54) 1,2-Dibromoethane	7.671	107	1949	0.178	ppbv	#	70
56) 1,1,1,2-Tetrachloroethane	8.937	131	2722	0.301	ppbv	#	4
57) Chlorobenzene	8.930	112	5607	0.365	ppbv	#	73
58) Ethyl Benzene	9.364	91	6659	0.260	ppbv	#	79
59) m/p-Xylene	9.548	91	2929	0.137	ppbv	#	33
60) o-Xylene	9.976	91	5590	0.260	ppbv		97
61) Styrene	9.882	104	1930	0.241	ppbv	#	86
62) Isopropylbenzene	10.545	105	9300	0.300	ppbv		92
63) 1,1,2,2-Tetrachloroethane	9.979	83	7571	0.511	ppbv		100
64) n-propylbenzene	11.002	120	938	0.124	ppbv	#	1
65) tert-Butylbenzene	11.542	119	3873	0.140	ppbv	#	30
66) Benzyl Chloride	11.623	91	726	0.227	ppbv	#	61
67) sec-Butylbenzene	11.775	105	11376	0.290	ppbv		96
69) p-Isopropyltoluene	11.934	119	7995	0.242	ppbv		93
70) n-Butylbenzene	12.293	91	8669	0.253	ppbv		100
71) 2-Chlorotoluene	10.914	91	3165	0.130	ppbv	#	38
72) 4-Ethyltoluene	11.137	105	2805	0.111	ppbv	#	30
73) 1,3,5-Trimethylbenzene	11.212	105	5388	0.242	ppbv		88
74) 1,2,4-Trimethylbenzene	11.545	105	7099	0.264	ppbv	#	95
75) 1,3-Dichlorobenzene	11.616	146	6150	0.410	ppbv		97
76) 1,4-Dichlorobenzene	11.678	146	5631	0.397	ppbv		91
77) 1,2-Dichlorobenzene	11.956	146	6097	0.415	ppbv		91
78) Hexachloro-1,3-Butadiene	13.892	225	7506	0.512	ppbv		99
79) Naphthalene	13.520	128	2541	0.112	ppbv		98
80) Naphthalene,2-methyl-	14.468	142	914	0.054	ppbv	#	92
81) 1,2,4-Trichlorobenzene	13.452	180	2517	0.208	ppbv		92

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

Quant Time: May 08 01:37:31 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

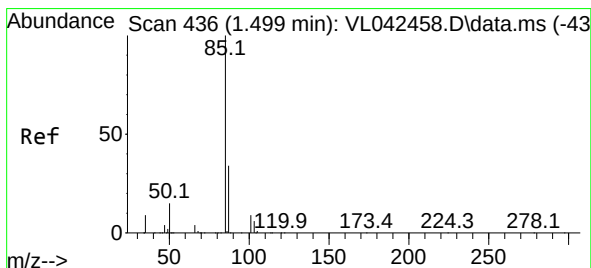
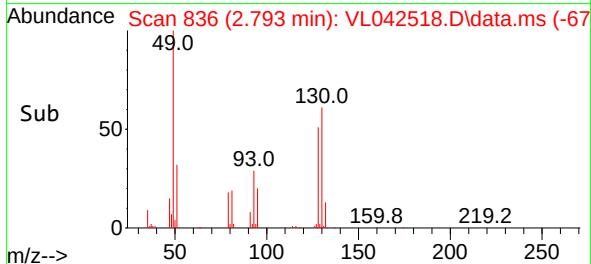
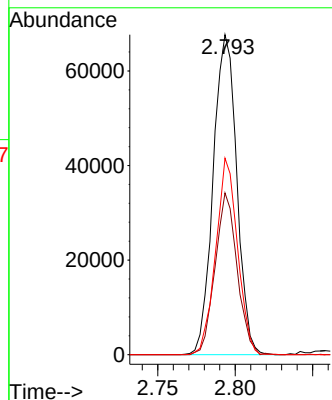
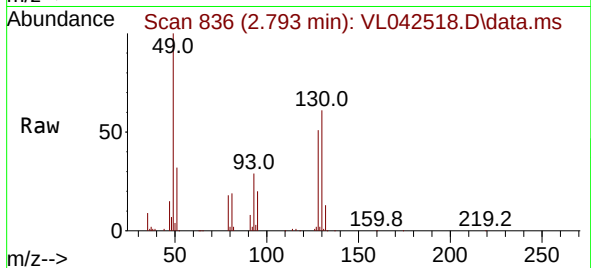




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

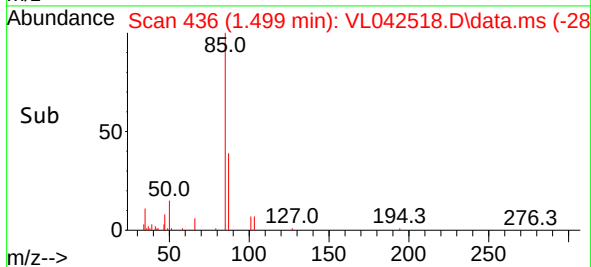
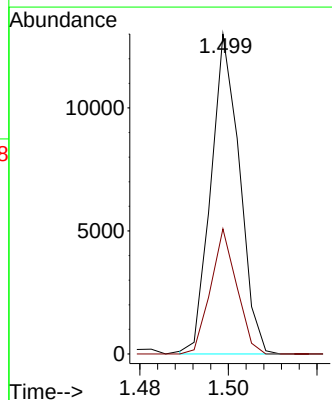
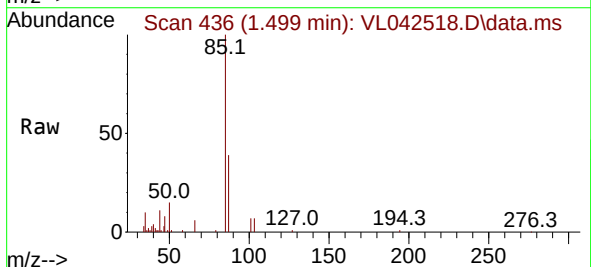
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

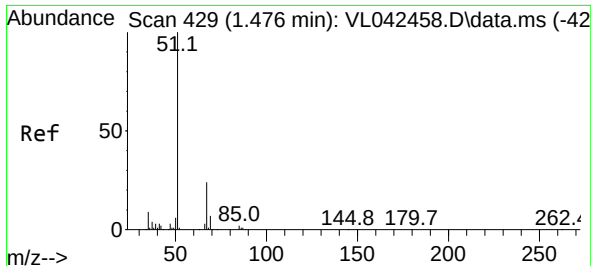
Tgt Ion: 49 Resp: 71533
Ion Ratio Lower Upper
49 100
128 47.3 23.3 69.9
130 56.8 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.493 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 85 Resp: 5830
Ion Ratio Lower Upper
85 100
87 39.1 26.9 40.3

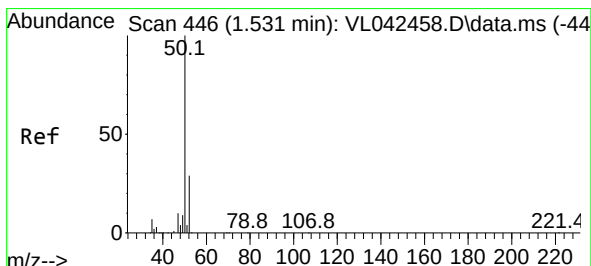
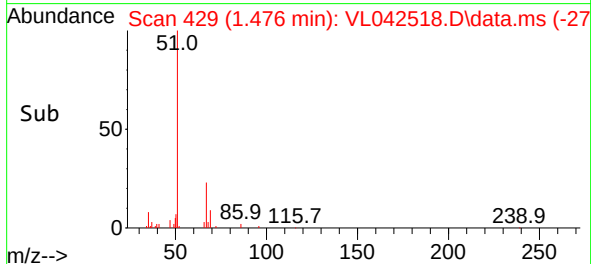
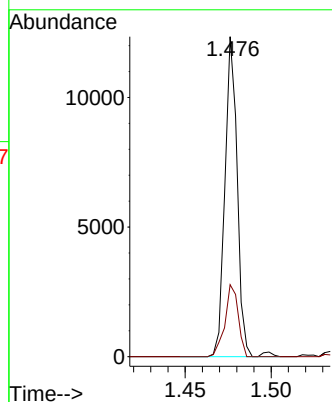
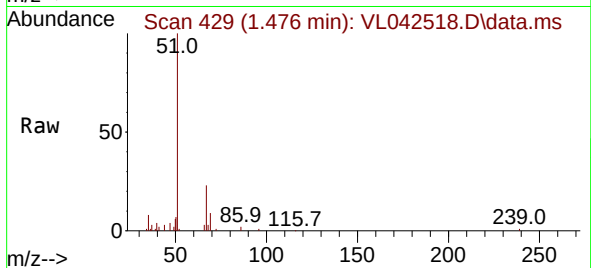




#3
Chlorodifluoromethane
Concen: 0.493 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

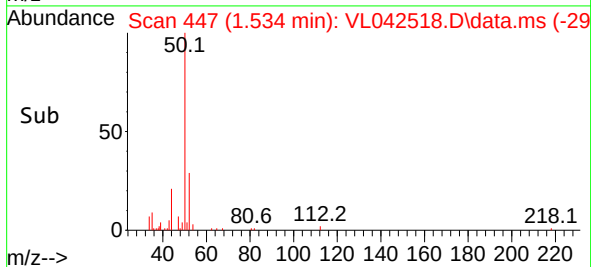
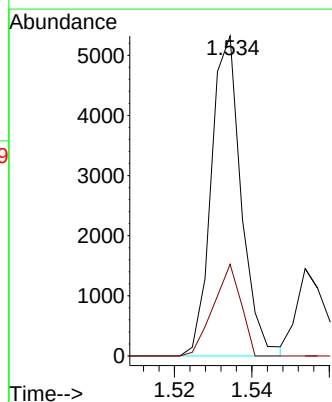
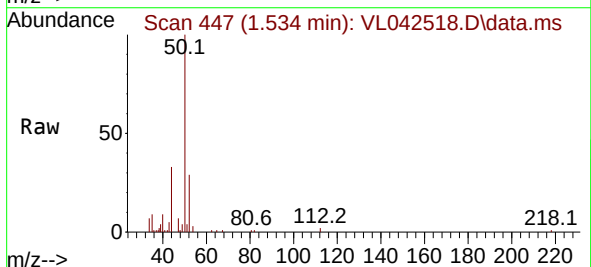
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.40

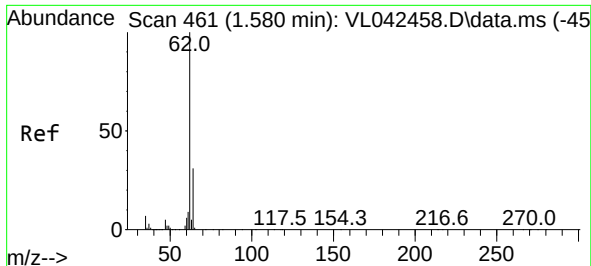
Tgt Ion: 51 Resp: 6172
Ion Ratio Lower Upper
51 100
67 24.2 18.4 27.6



#4
Chloromethane
Concen: 0.579 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 50 Resp: 2867
Ion Ratio Lower Upper
50 100
52 28.7 23.5 35.3

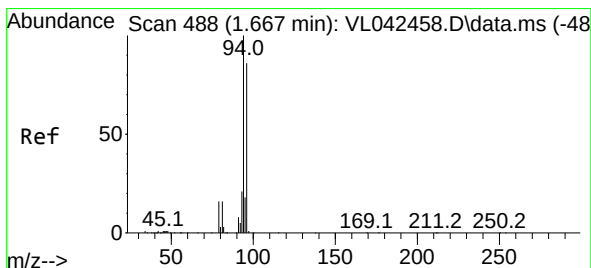
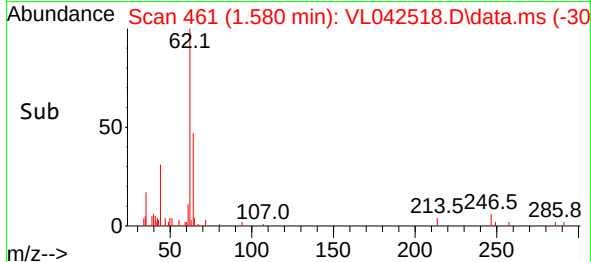
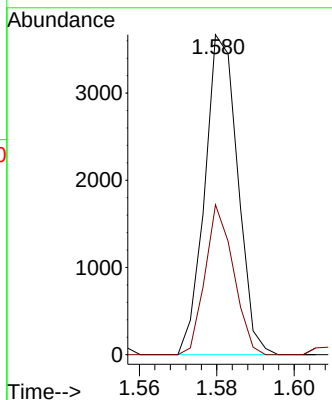
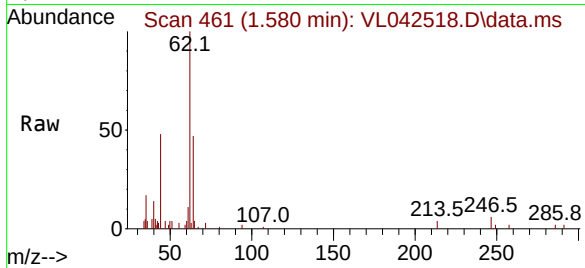




#5
 Vinyl Chloride
 Concen: 0.434 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

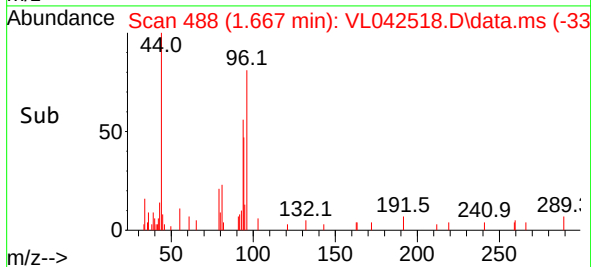
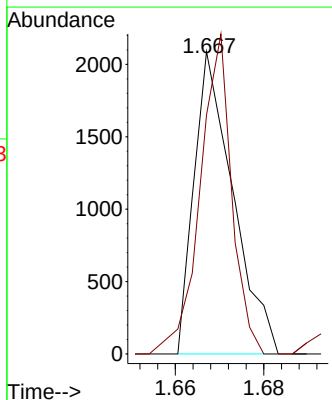
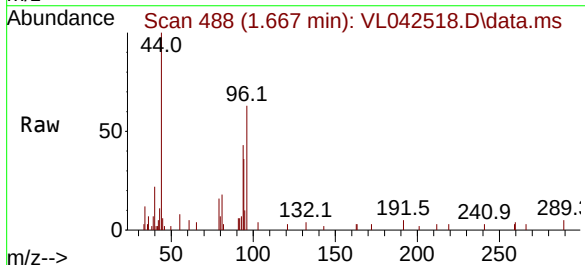
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.40

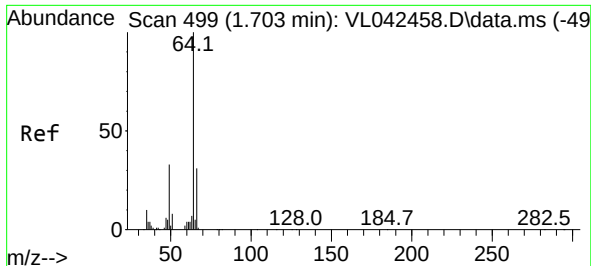
Tgt Ion: 62 Resp: 2164
 Ion Ratio Lower Upper
 62 100
 64 50.1 24.9 37.3#



#6
 Bromomethane
 Concen: 0.541 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Tgt Ion: 94 Resp: 1274
 Ion Ratio Lower Upper
 94 100
 96 79.0 68.8 103.2

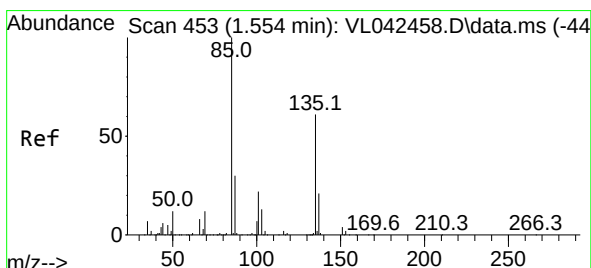
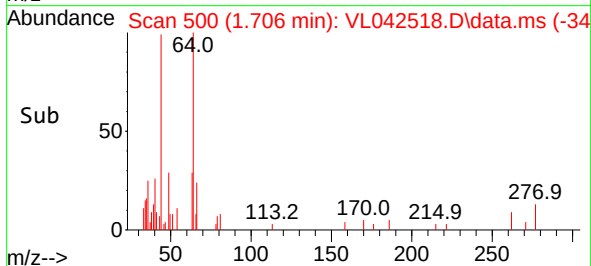
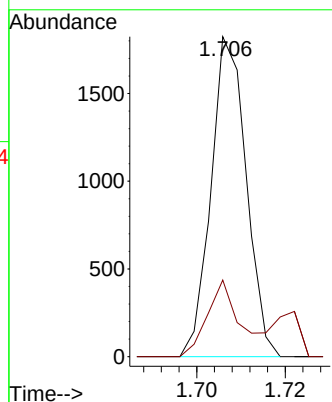
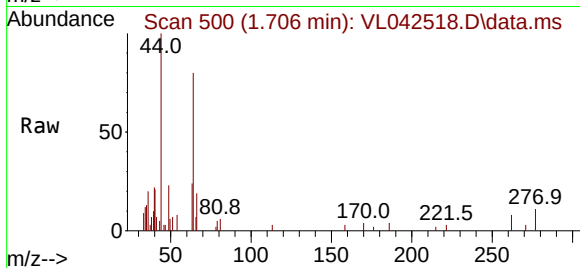




#7
Chloroethane
Concen: 0.546 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

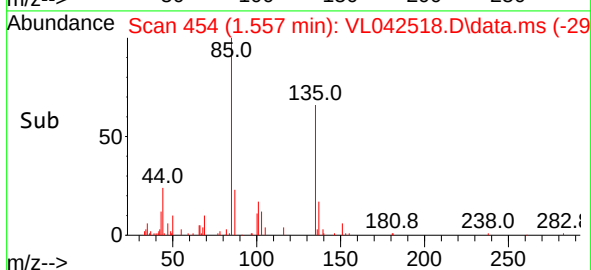
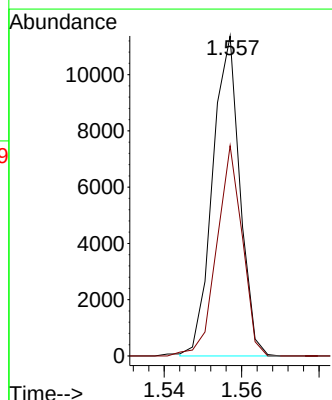
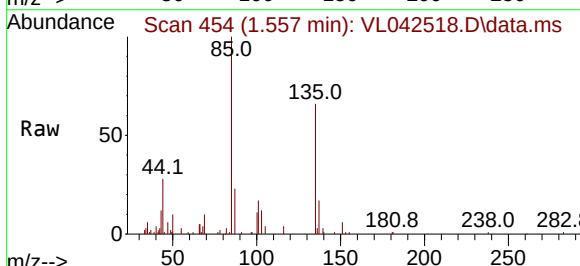
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

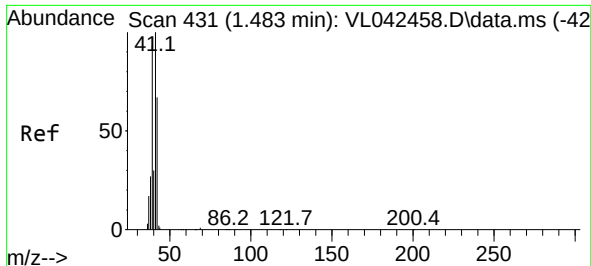
Tgt Ion: 64 Resp: 1005
Ion Ratio Lower Upper
64 100
66 24.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.569 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 85 Resp: 5551
Ion Ratio Lower Upper
85 100
135 61.4 49.8 74.8





#9

Propene

Concen: 0.145 ppbv

RT: 1.939 min Scan# 51

Delta R.T. 0.456 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

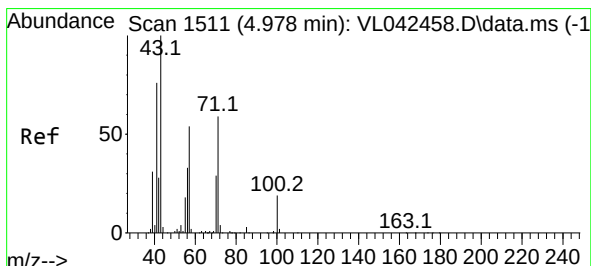
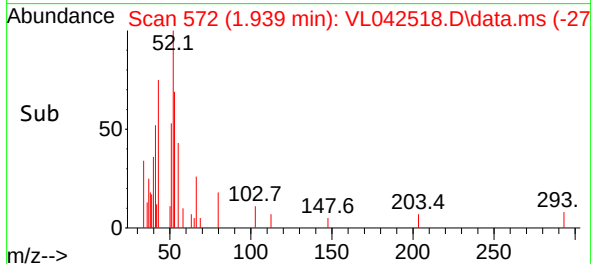
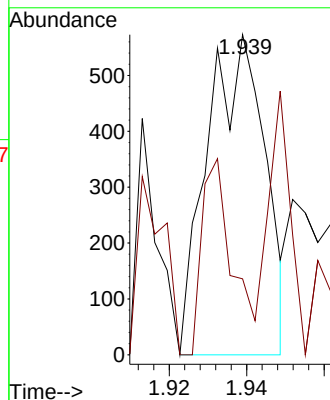
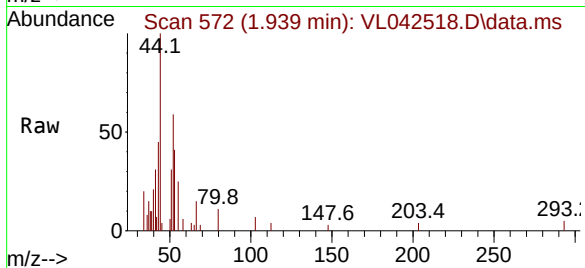
MDL1 0.40

Tgt Ion: 41 Resp: 595

Ion Ratio Lower Upper

41 100

42 55.6 54.3 81.5



#10

Heptane

Concen: 0.080 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL042518.D

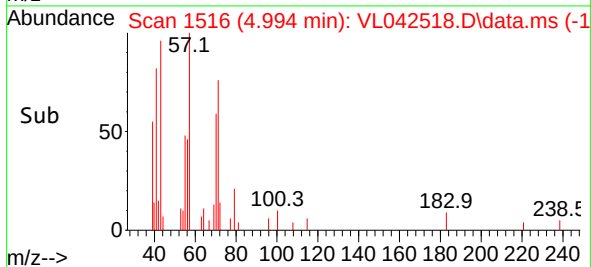
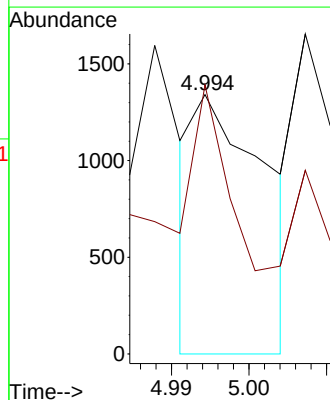
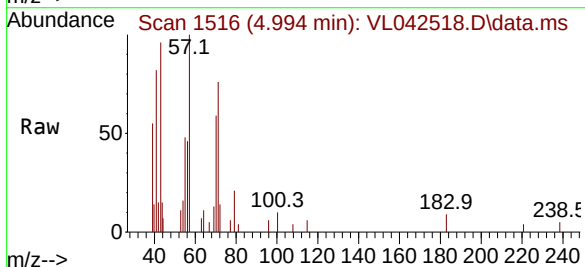
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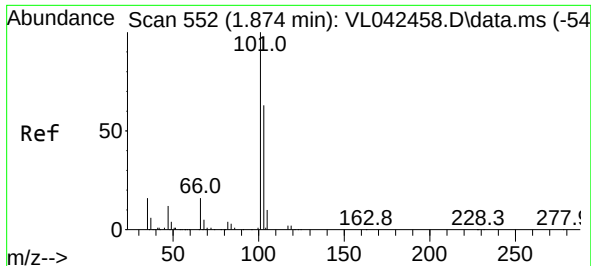
Tgt Ion: 43 Resp: 850

Ion Ratio Lower Upper

43 100

57 232.6 41.8 62.8#

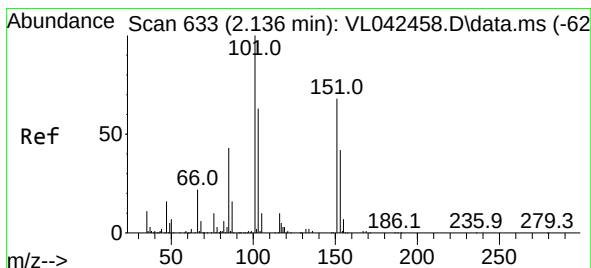
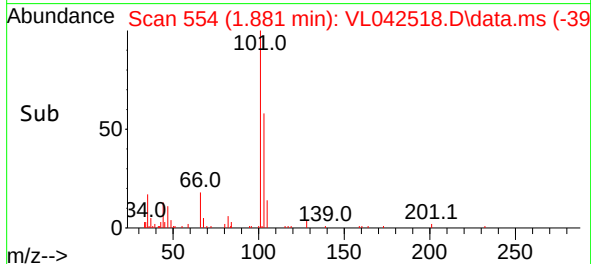
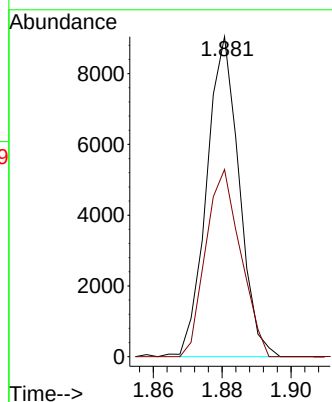
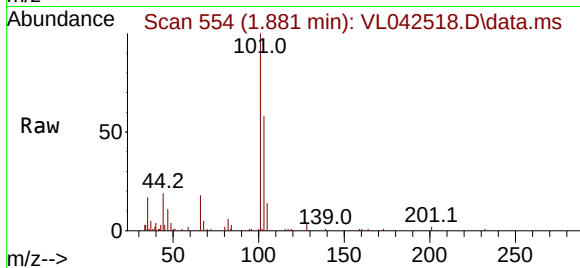




#11
Trichlorofluoromethane
Concen: 0.542 ppbv
RT: 1.881 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

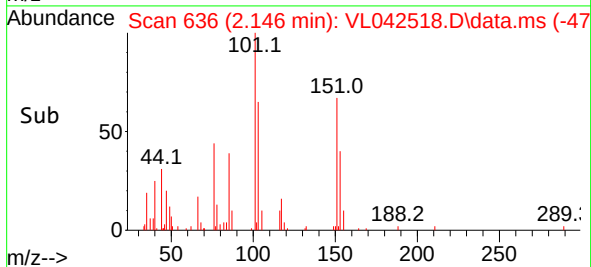
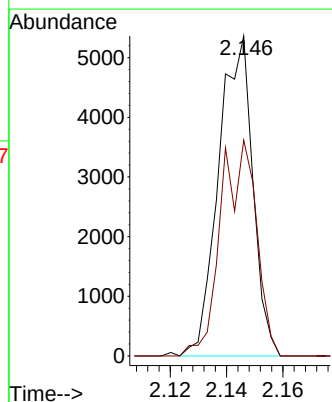
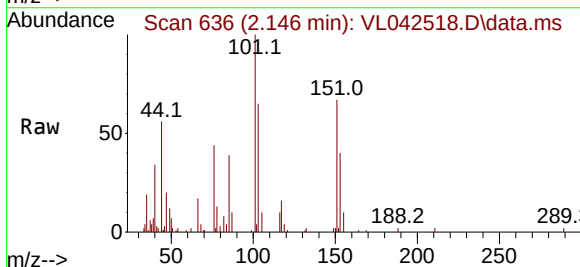
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.40

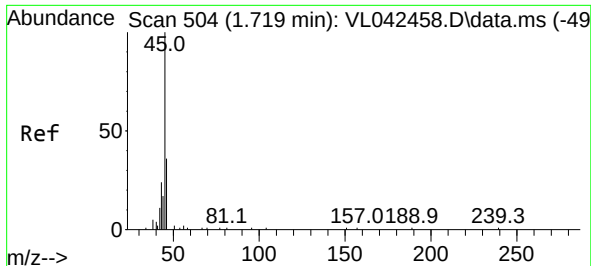
Tgt Ion:101 Resp: 5919
Ion Ratio Lower Upper
101 100
103 58.5 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.517 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:101 Resp: 4505
Ion Ratio Lower Upper
101 100
151 70.3 54.6 82.0

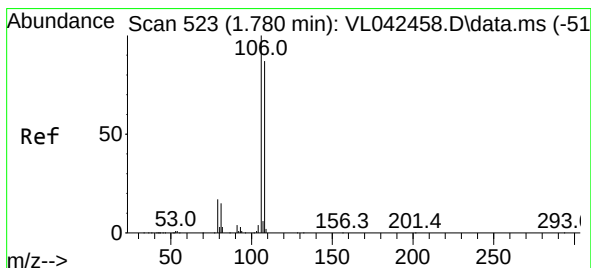
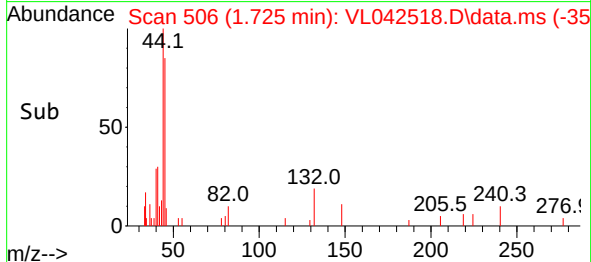
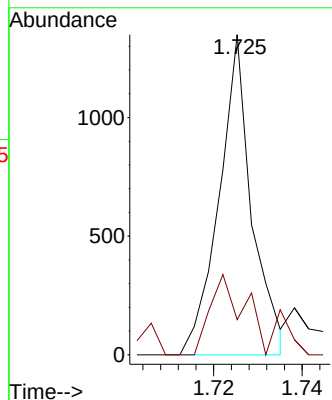
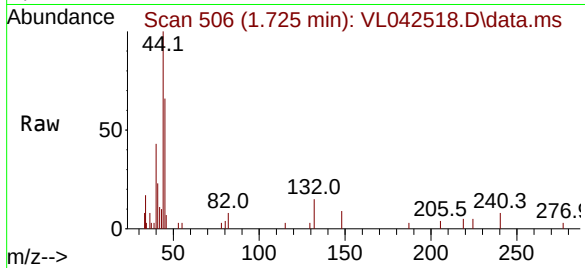




#13
Ethanol
Concen: 0.831 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

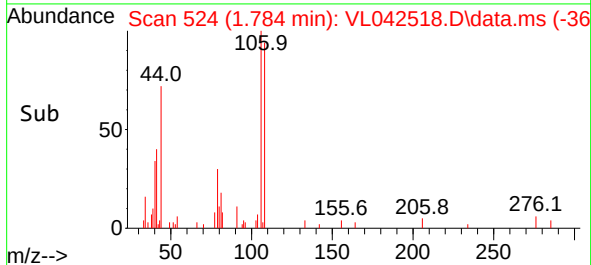
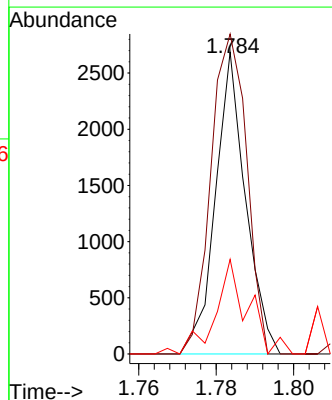
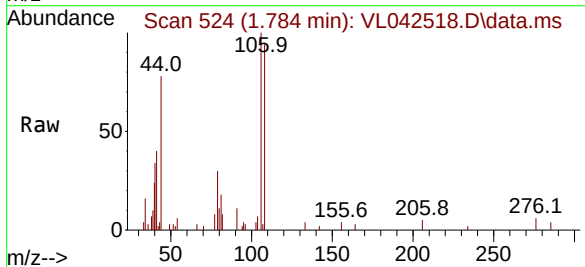
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

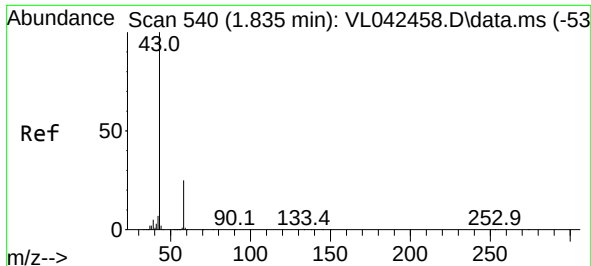
Tgt Ion: 45 Resp: 690
Ion Ratio Lower Upper
45 100
46 38.7 15.3 61.1



#14
Bromoethene
Concen: 0.452 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 108 Resp: 1457
Ion Ratio Lower Upper
108 100
106 131.2 88.8 133.2
79 39.5 17.1 25.7#

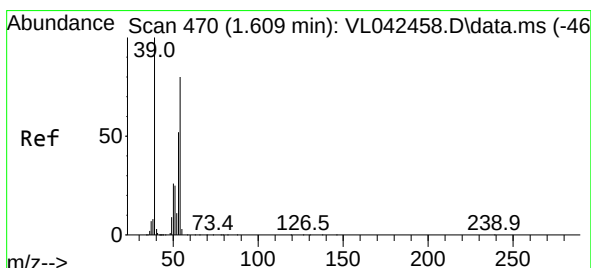
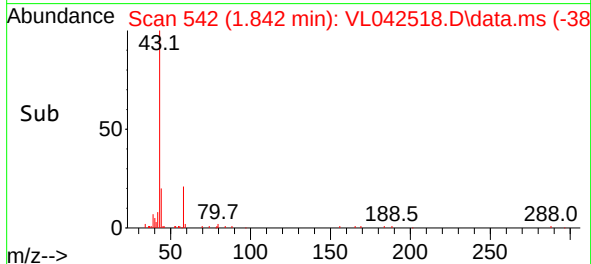
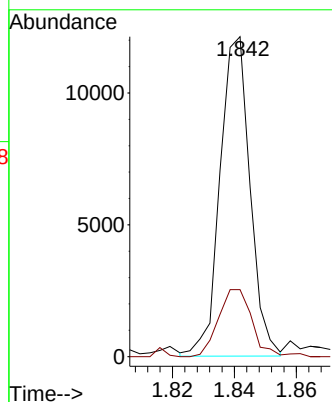
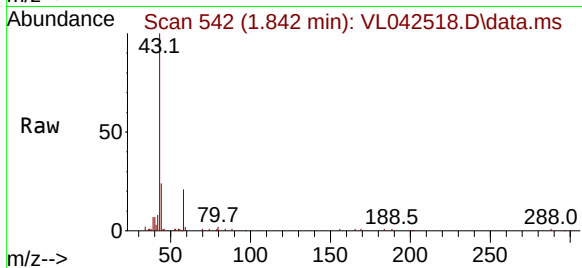




#15
Acetone
Concen: 0.625 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

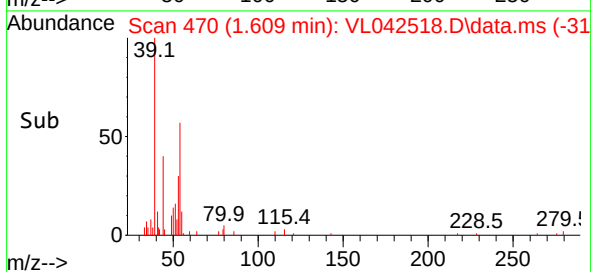
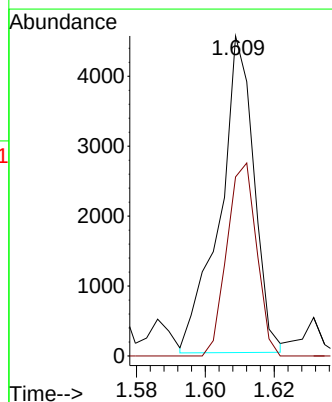
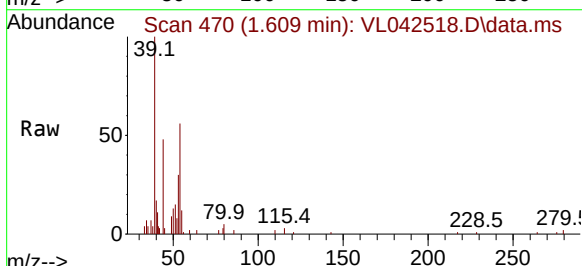
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

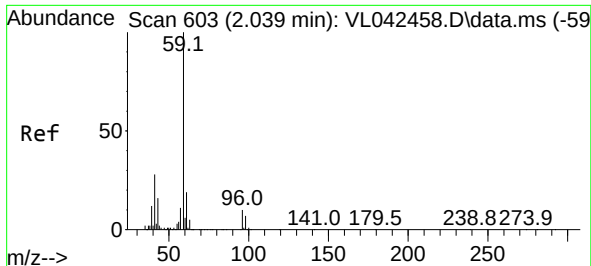
Tgt Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
58 24.9 19.8 29.8



#16
1,3-Butadiene
Concen: 0.542 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 39 Resp: 3123
Ion Ratio Lower Upper
39 100
54 52.9 55.2 82.8#

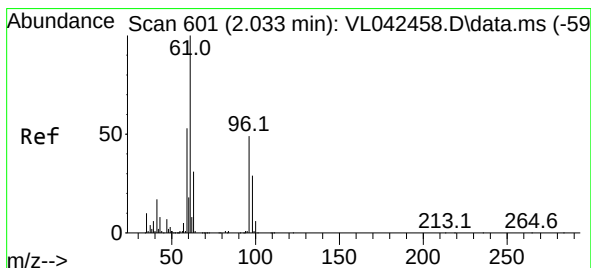
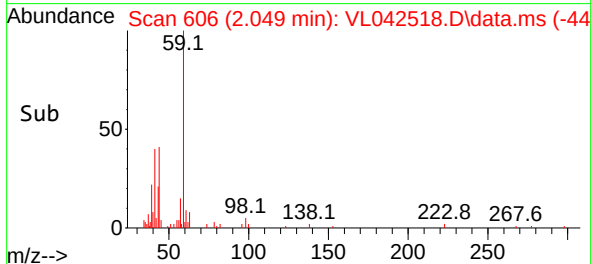
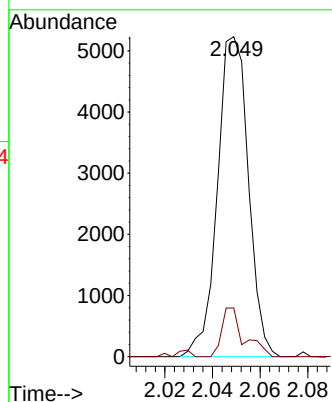
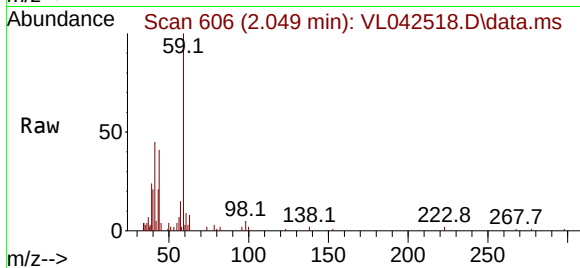




#17
tert-Butyl alcohol
Concen: 0.411 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

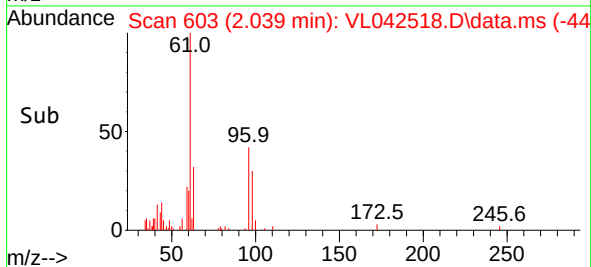
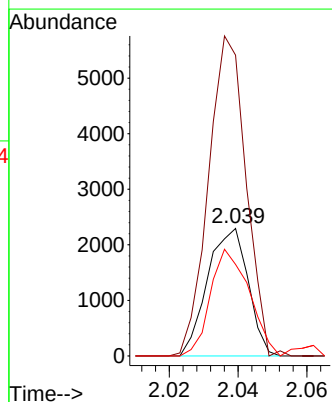
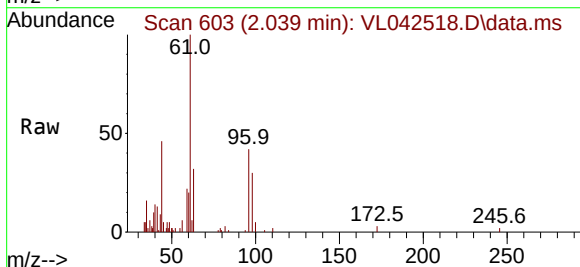
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.40

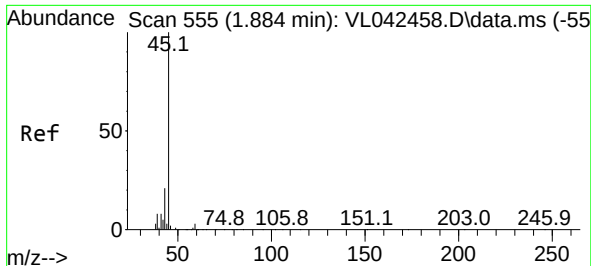
Tgt Ion: 59 Resp: 4728
Ion Ratio Lower Upper
59 100
57 11.8 8.3 12.5



#18
1,1-Dichloroethene
Concen: 0.460 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 96 Resp: 1875
Ion Ratio Lower Upper
96 100
61 233.4 164.9 247.3
98 71.7 48.2 72.2

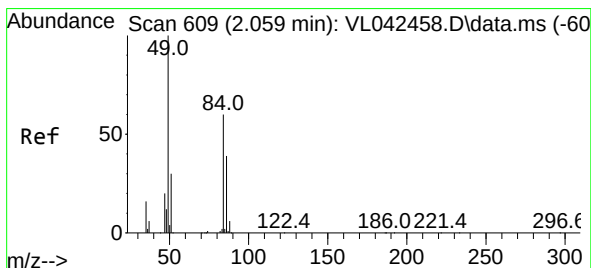
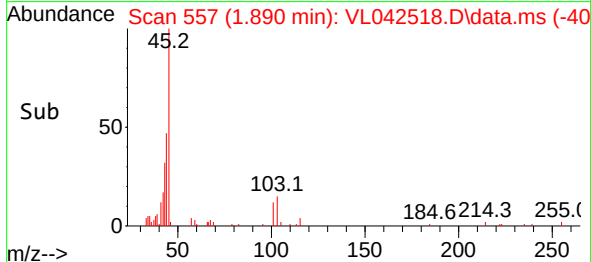
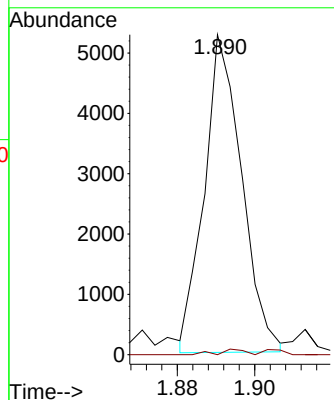
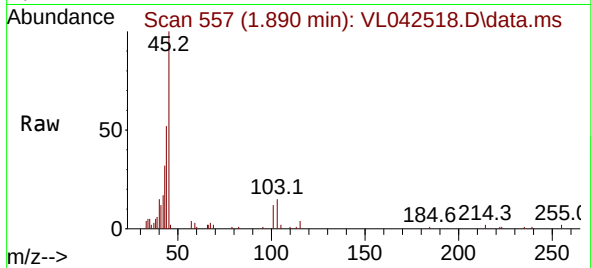




#19
Isopropyl Alcohol
Concen: 0.489 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

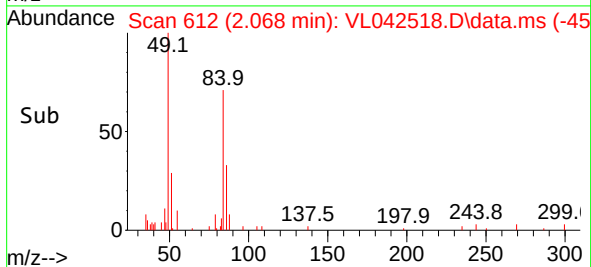
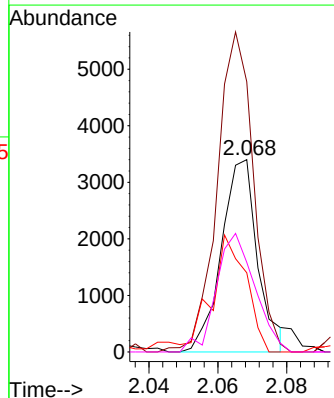
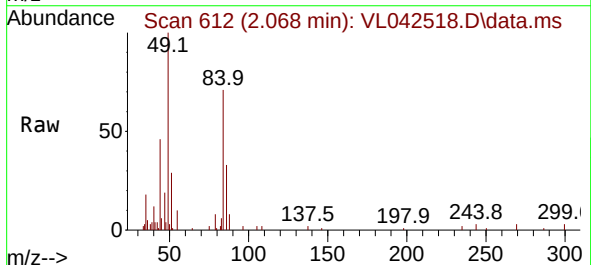
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

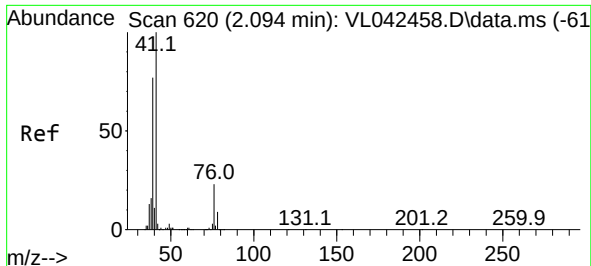
Tgt Ion: 45 Resp: 3531
Ion Ratio Lower Upper
45 100
58 2.1 1.6 2.4



#20
Methylene Chloride
Concen: 0.633 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 84 Resp: 2484
Ion Ratio Lower Upper
84 100
49 138.3 133.9 200.9
51 41.2 41.0 61.6
86 46.6 51.9 77.9#

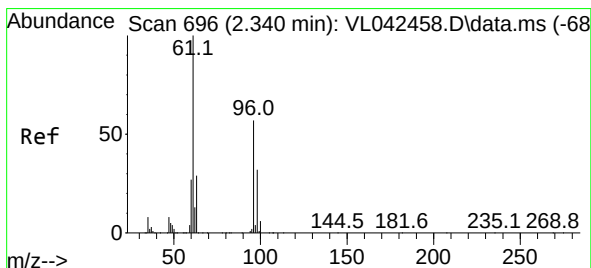
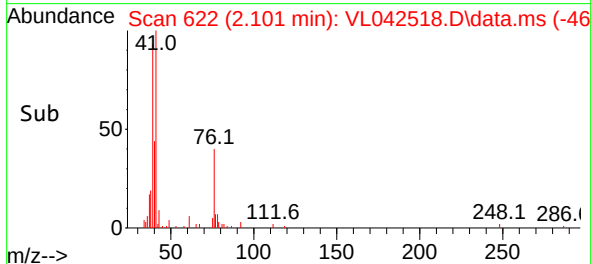
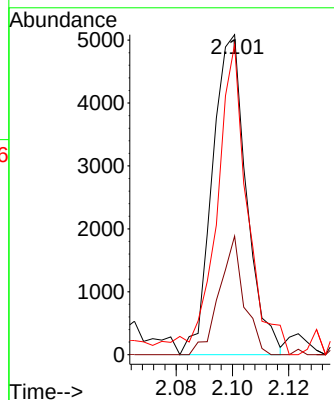
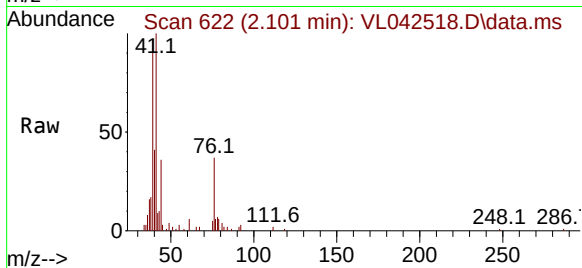




#21
 Allyl Chloride
 Concen: 0.509 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

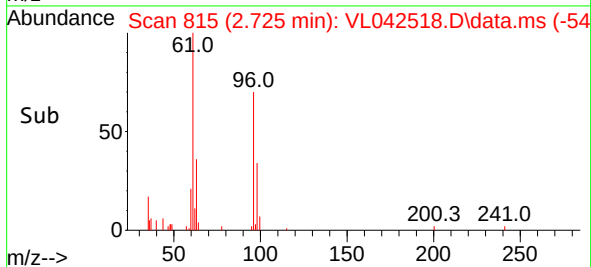
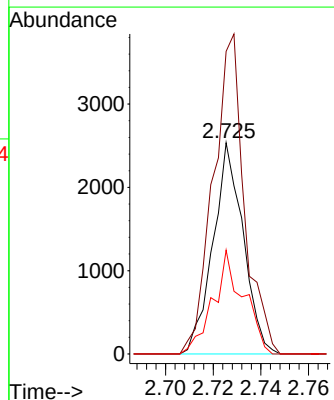
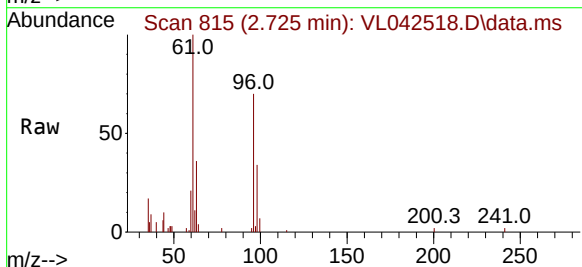
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

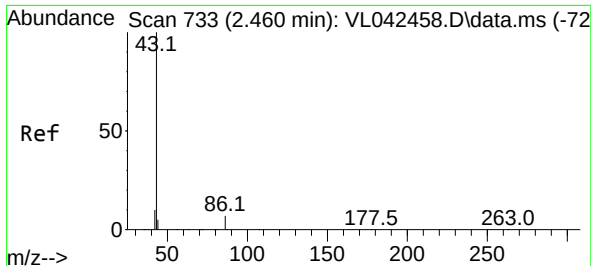
Tgt Ion:	41	Resp:	4271
Ion	Ratio	Lower	Upper
41	100		
76	27.4	19.6	29.4
39	90.4	61.0	91.4



#22
 trans-1,2-Dichloroethene
 Concen: 0.470 ppbv
 RT: 2.725 min Scan# 815
 Delta R.T. 0.385 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Tgt Ion:	96	Resp:	2234
Ion	Ratio	Lower	Upper
96	100		
61	143.2	141.8	212.6
98	49.2	45.0	67.6

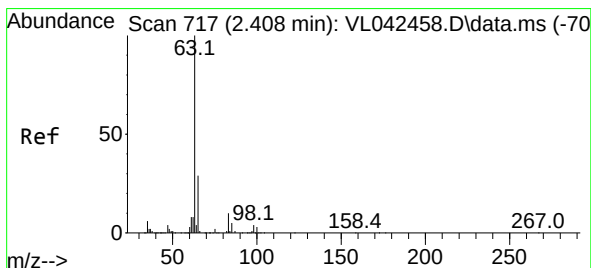
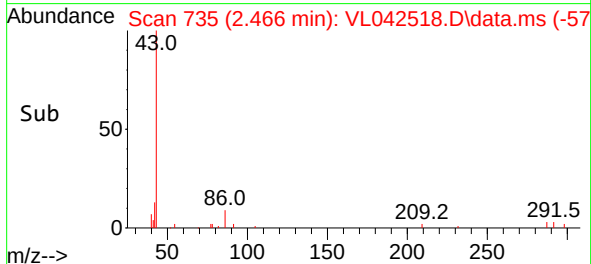
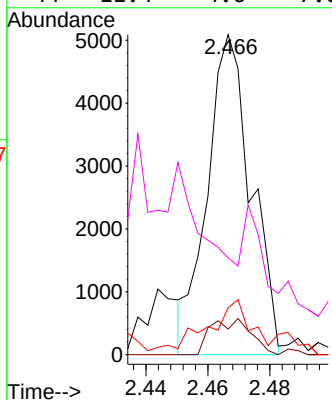
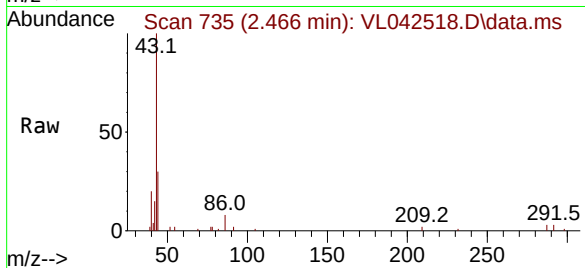




#23
 Vinyl Acetate
 Concen: 0.402 ppbv
 RT: 2.466 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

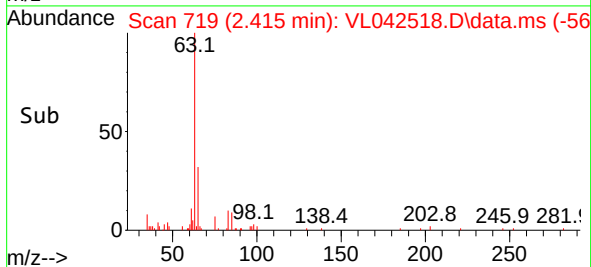
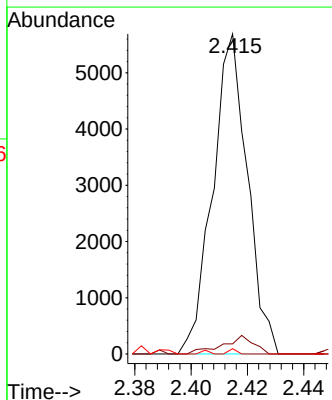
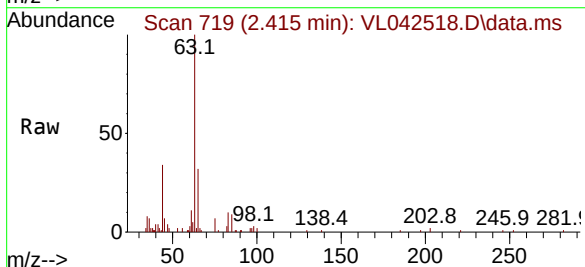
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.40

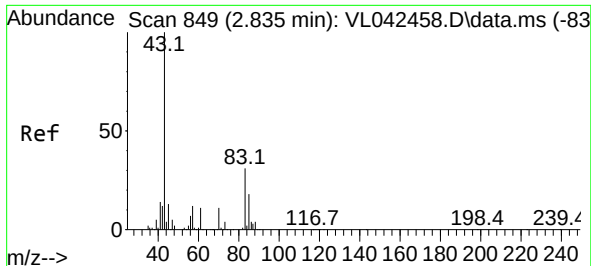
Tgt Ion:	43	Resp:	5005
Ion	Ratio	Lower	Upper
43	100		
86	8.2	5.5	8.3
42	13.1	8.3	12.5#
44	11.4	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.501 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Tgt Ion:	63	Resp:	4864
Ion	Ratio	Lower	Upper
63	100		
98	3.1	1.8	5.5
100	1.6	1.4	4.2





#25

Ethyl Acetate

Concen: 0.312 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

Tgt Ion: 43 Resp: 6530

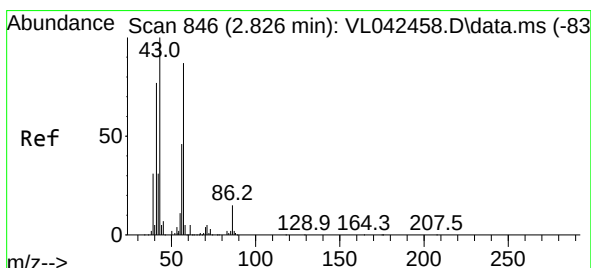
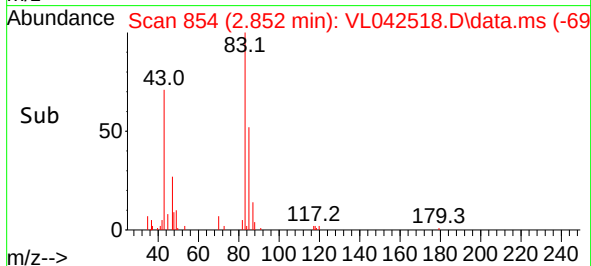
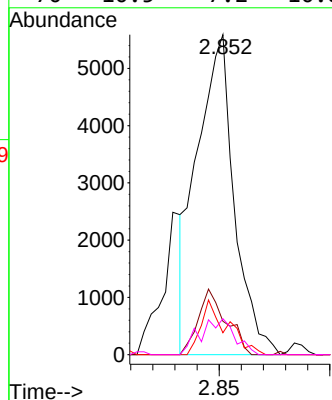
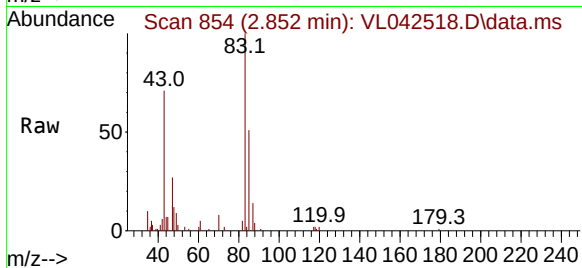
Ion Ratio Lower Upper

43 100

45 15.6 7.8 11.6#

61 12.4 7.2 10.8#

70 10.5 7.2 10.8



#26

Hexane

Concen: 0.130 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.007 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion: 57 Resp: 1183

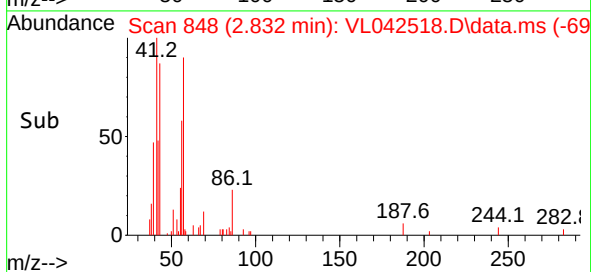
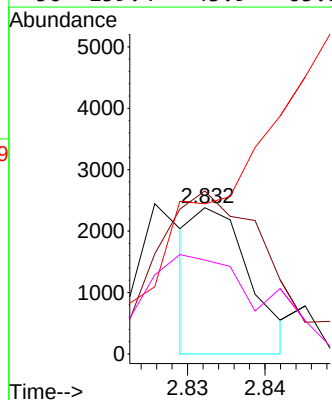
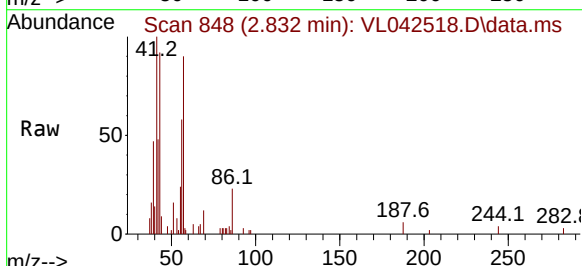
Ion Ratio Lower Upper

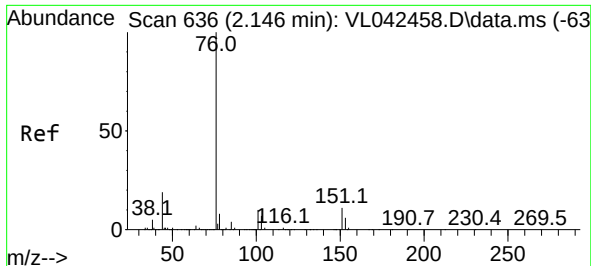
57 100

41 273.0 77.8 116.8#

43 0.0 187.0 280.6#

56 159.4 43.9 65.9#





#27

Carbon Disulfide

Concen: 0.453 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

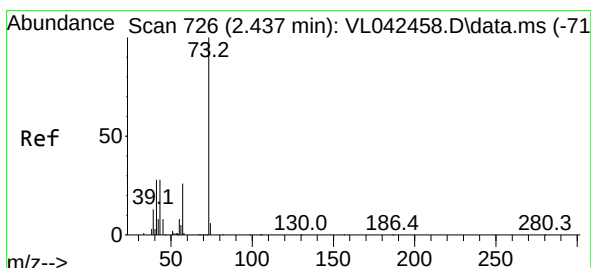
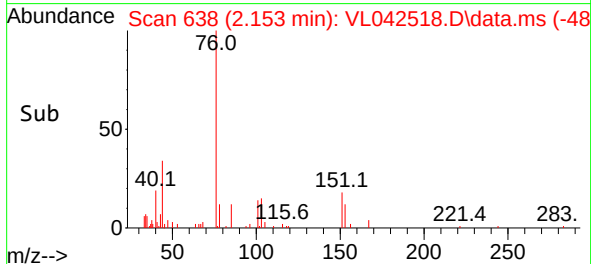
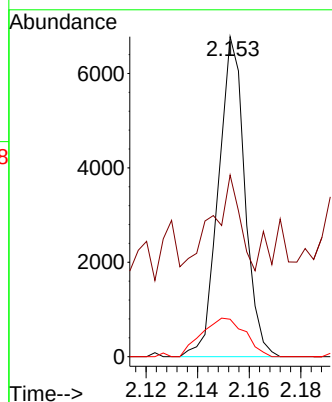
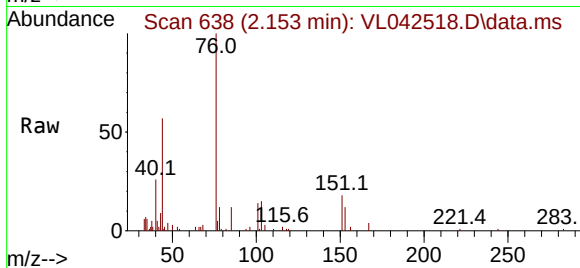
Tgt Ion: 76 Resp: 4817

Ion Ratio Lower Upper

76 100

44 190.6 21.0 31.6#

78 20.2 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.495 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.007 min

Lab File: VL042518.D

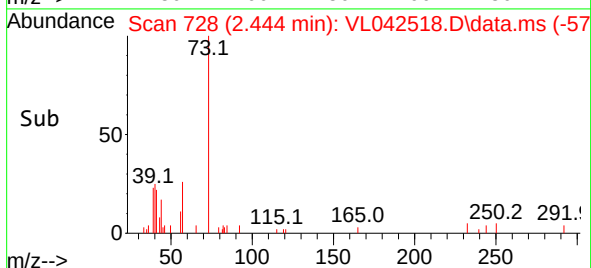
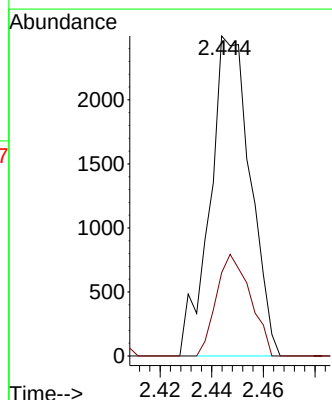
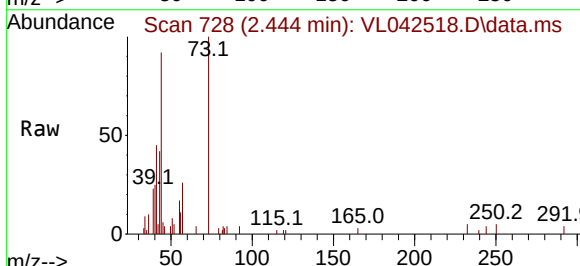
Acq: 07 May 2025 15:02

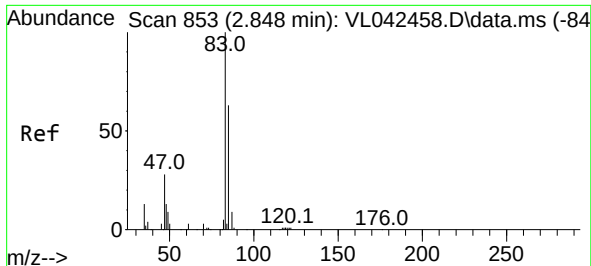
Tgt Ion: 73 Resp: 2710

Ion Ratio Lower Upper

73 100

57 26.9 19.9 29.9





#29

Chloroform

Concen: 0.511 ppbv

RT: 2.855 min Scan# 8

Delta R.T. 0.007 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

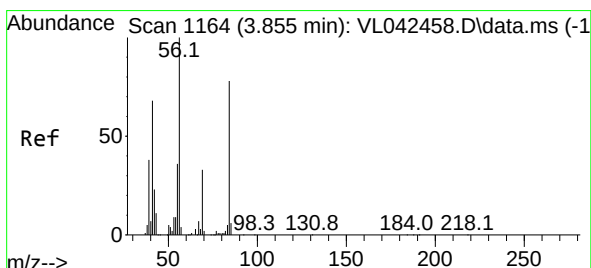
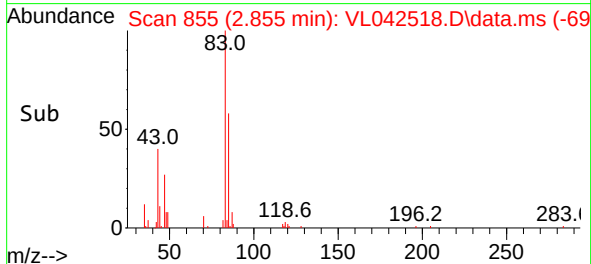
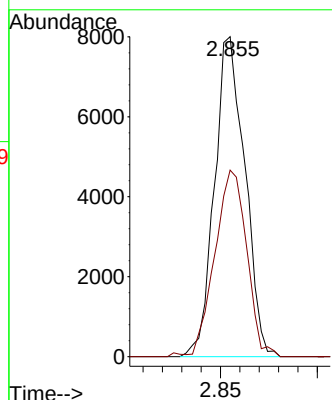
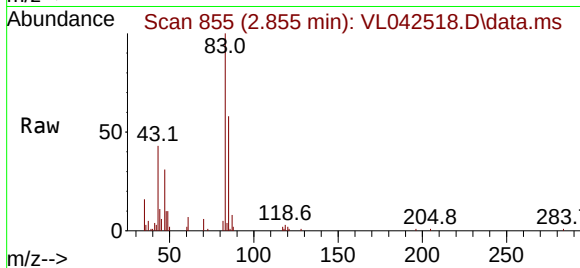
MDL1 0.40

Tgt Ion: 83 Resp: 8716

Ion Ratio Lower Upper

83 100

85 58.3 50.4 75.6



#30

Cyclohexane

Concen: 0.249 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

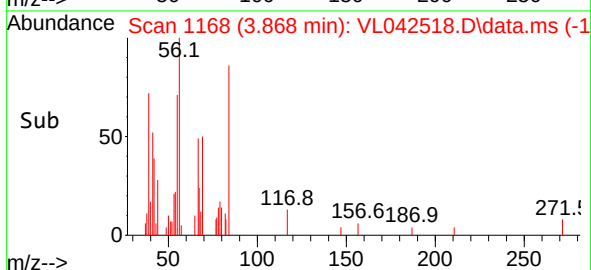
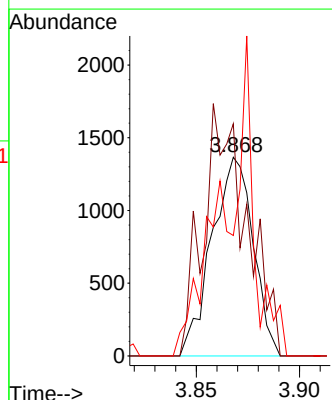
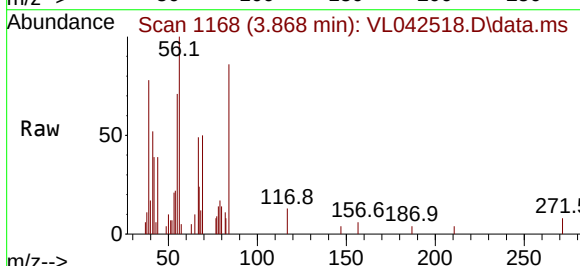
Tgt Ion: 84 Resp: 1898

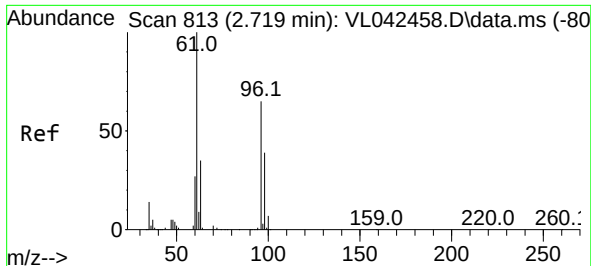
Ion Ratio Lower Upper

84 100

56 131.2 98.1 147.1

41 116.8 65.8 98.8#

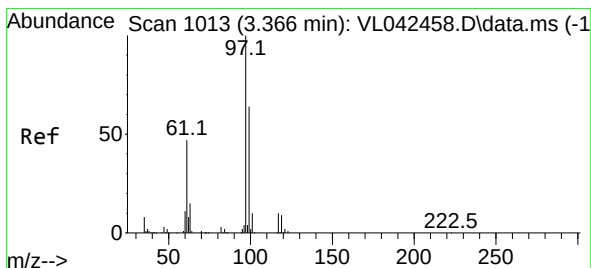
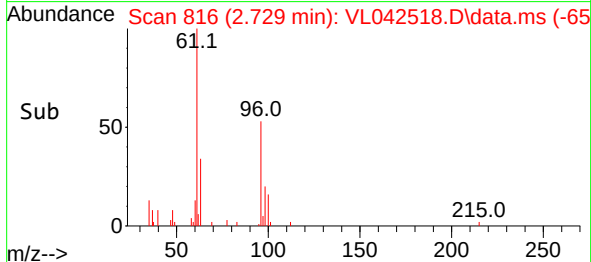
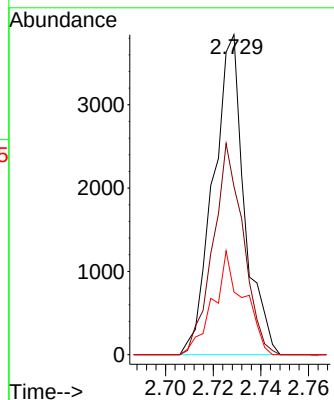
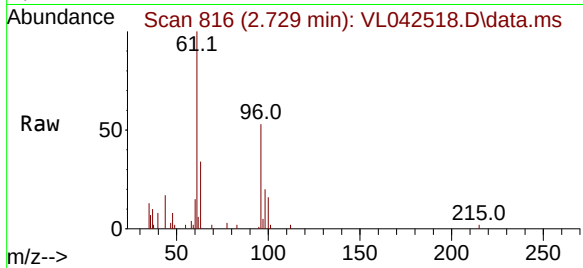




#31
 cis-1,2-Dichloroethene
 Concen: 0.328 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

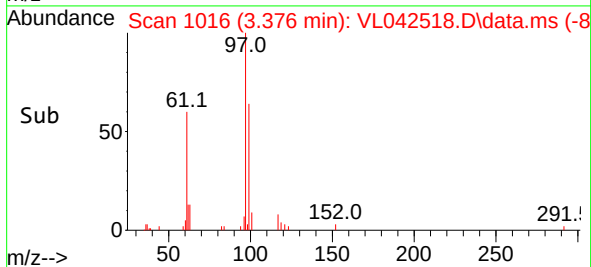
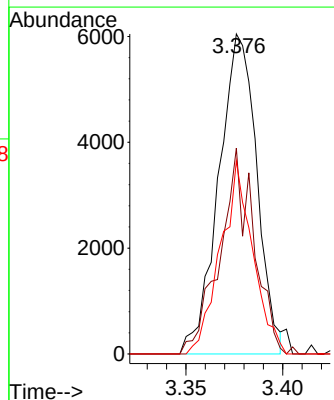
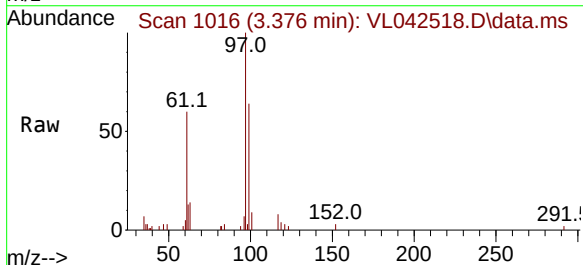
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

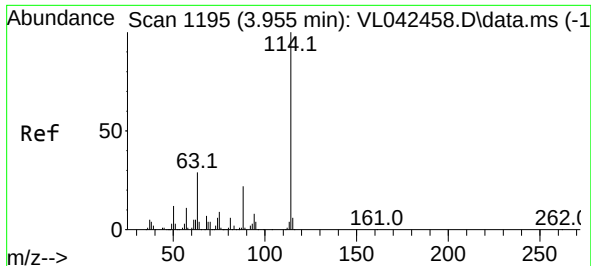
Tgt Ion: 61 Resp: 3481
 Ion Ratio Lower Upper
 61 100
 96 49.6 52.0 78.0#
 98 18.5 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.447 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Tgt Ion: 97 Resp: 8270
 Ion Ratio Lower Upper
 97 100
 99 57.6 50.7 76.1
 61 51.0 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1195

Delta R.T. 0.016 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

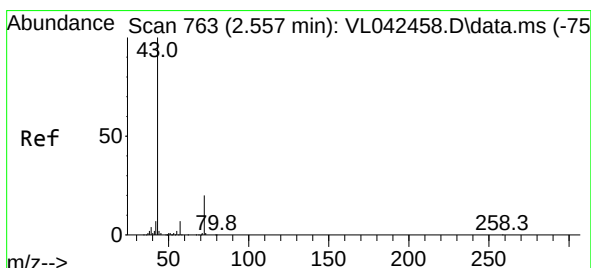
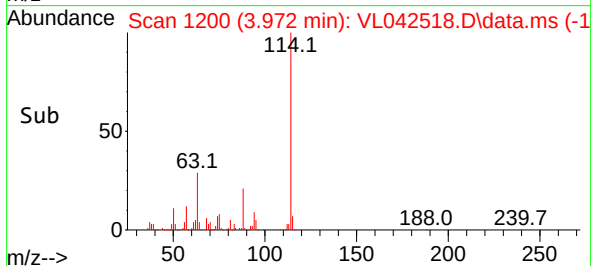
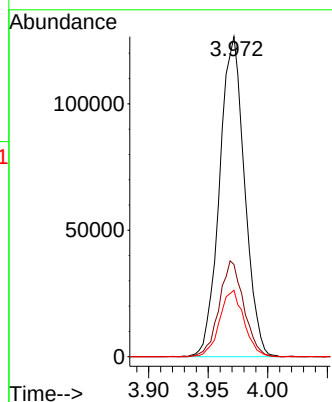
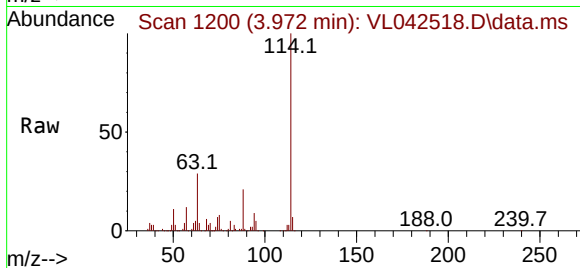
Tgt Ion:114 Resp: 184794

Ion Ratio Lower Upper

114 100

63 29.5 23.1 34.7

88 20.2 16.1 24.1



#34

2-Butanone

Concen: 0.361 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042518.D

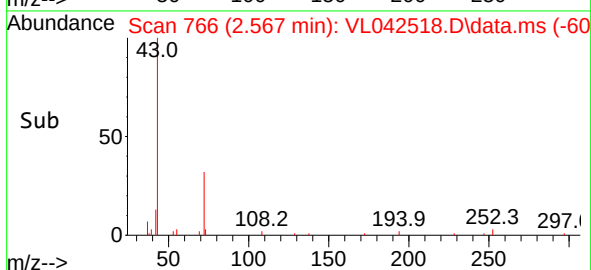
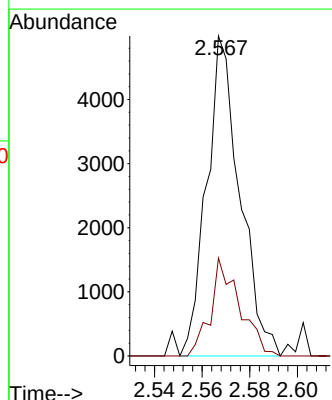
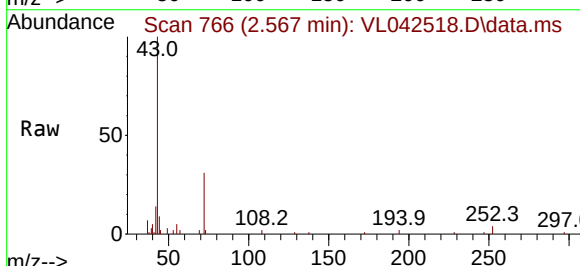
Acq: 07 May 2025 15:02

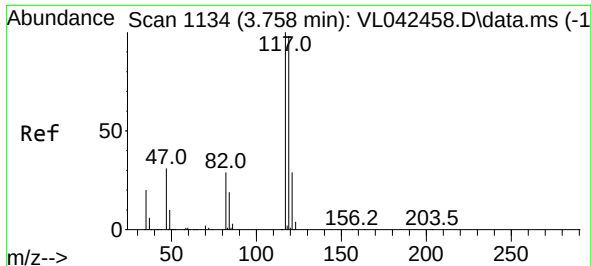
Tgt Ion: 43 Resp: 4830

Ion Ratio Lower Upper

43 100

72 26.9 16.7 25.1#

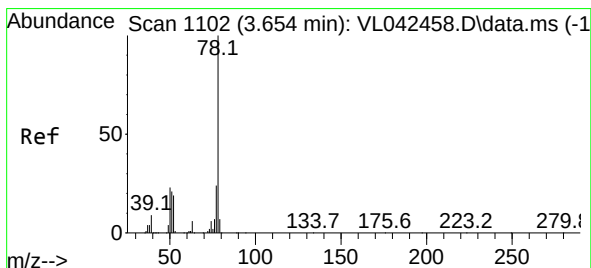
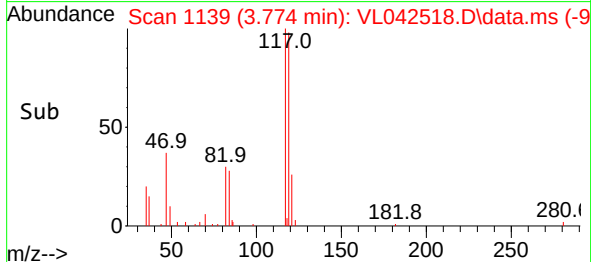
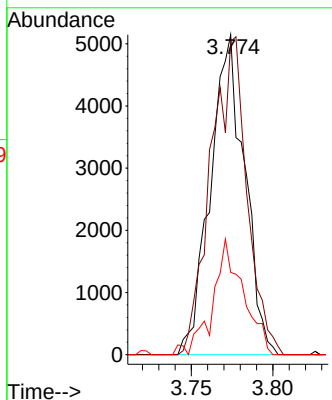
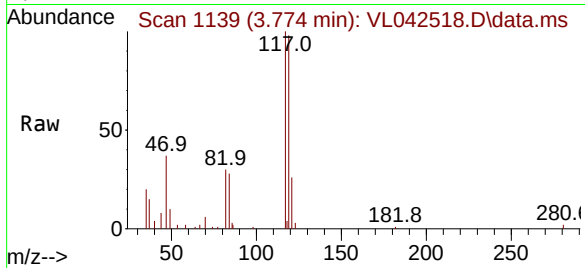




#35
Carbon Tetrachloride
Concen: 0.448 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

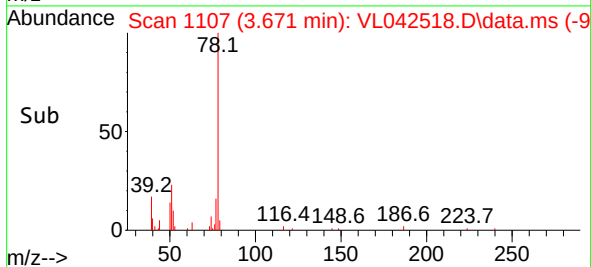
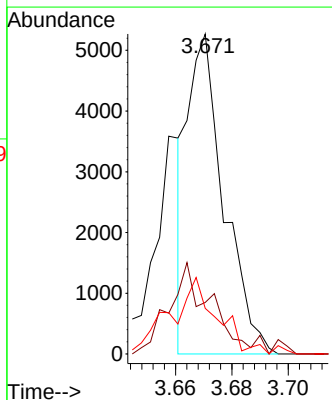
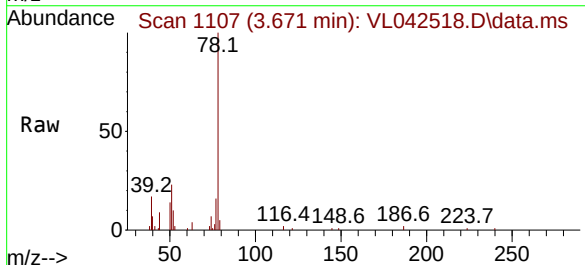
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.40

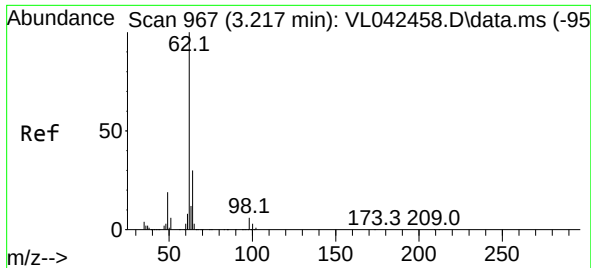
Tgt Ion:117 Resp: 7513
Ion Ratio Lower Upper
117 100
119 97.8 78.1 117.1
121 25.7 23.0 34.6



#36
Benzene
Concen: 0.271 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 78 Resp: 4721
Ion Ratio Lower Upper
78 100
77 11.6 18.9 28.3#
50 11.7 18.4 27.6#

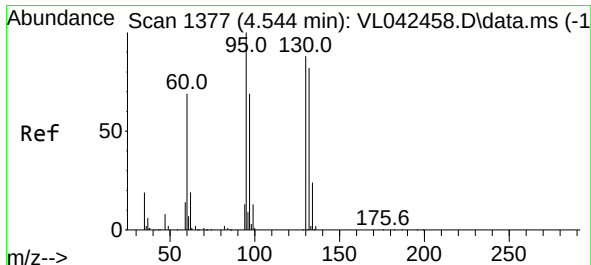
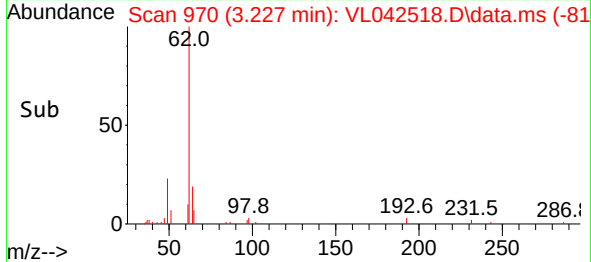
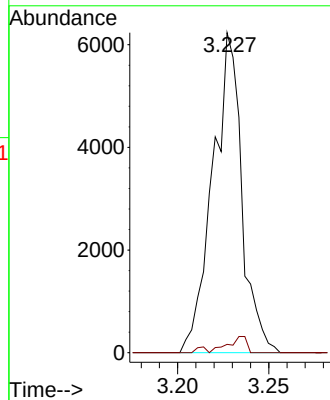
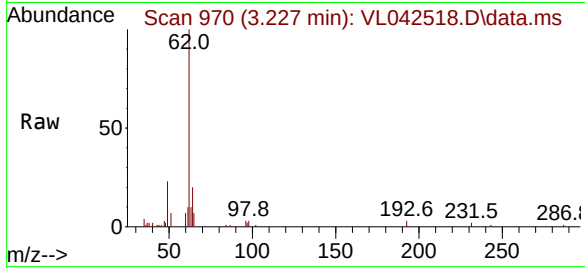




#37
1,2-Dichloroethane
Concen: 0.514 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

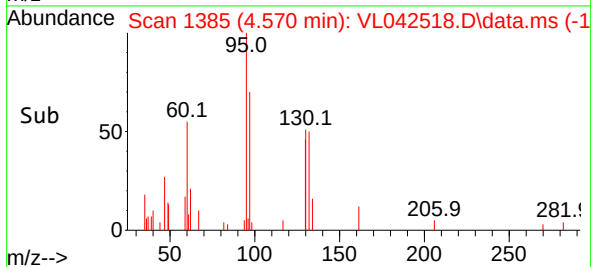
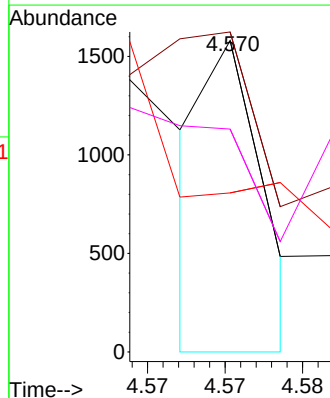
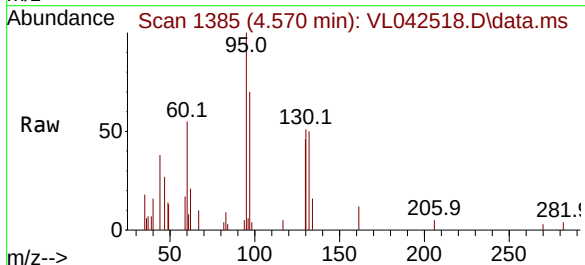
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

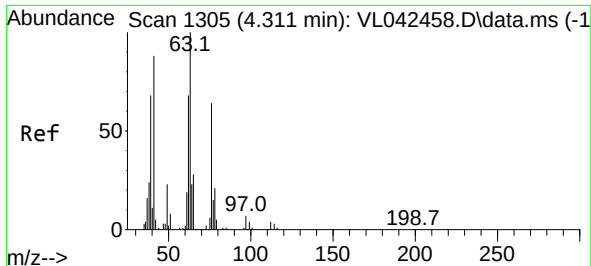
Tgt Ion: 62 Resp: 6905
Ion Ratio Lower Upper
62 100
98 3.8 4.3 6.5#



#38
Trichloroethene
Concen: 0.060 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. 0.026 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:130 Resp: 401
Ion Ratio Lower Upper
130 100
95 81.0 91.0 136.4#
132 1.9 74.2 111.4#
97 52.1 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.100 ppbv

RT: 4.334 min Scan# 1305

Delta R.T. 0.023 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

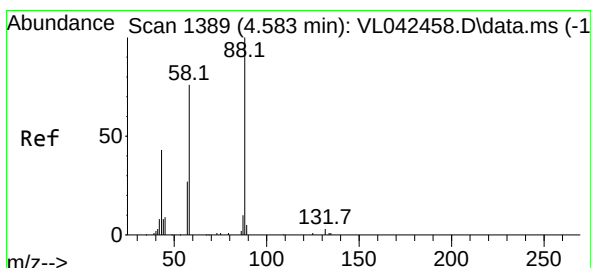
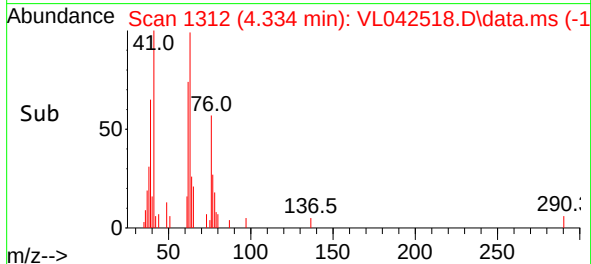
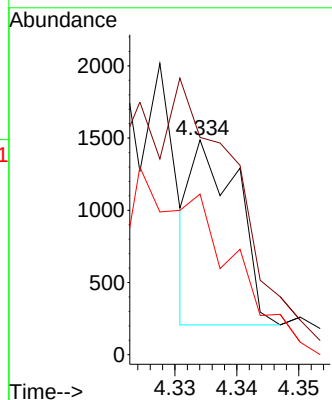
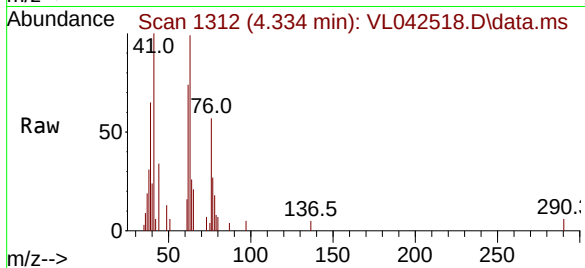
Tgt Ion: 63 Resp: 651

Ion Ratio Lower Upper

63 100

41 90.7 69.8 104.6

62 68.4 54.3 81.5



#40

1,4-Dioxane

Concen: 0.117 ppbv

RT: 4.612 min Scan# 1398

Delta R.T. 0.029 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion: 88 Resp: 358

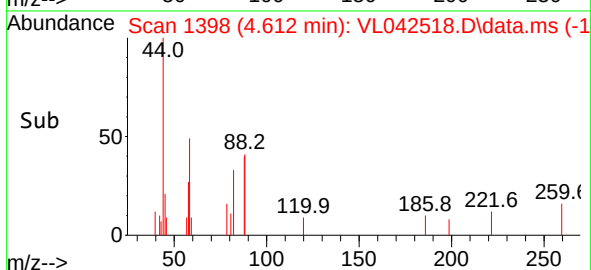
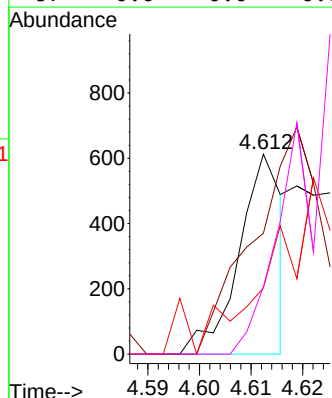
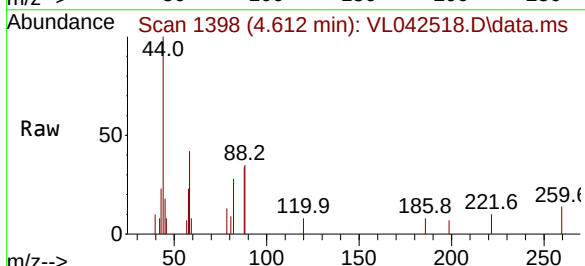
Ion Ratio Lower Upper

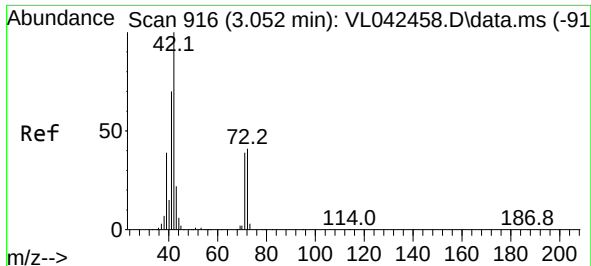
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

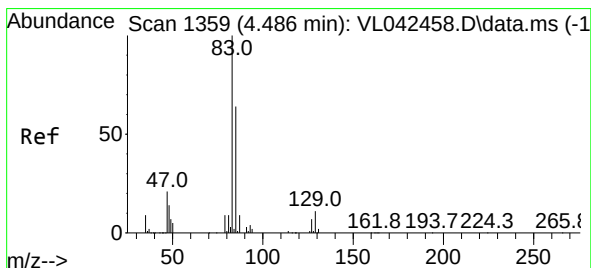
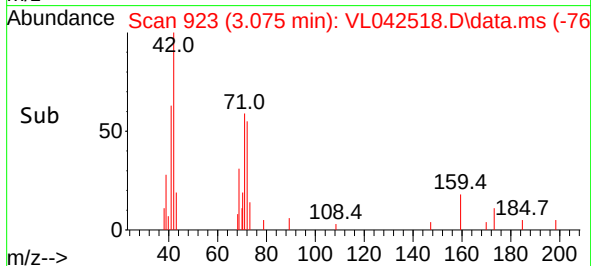
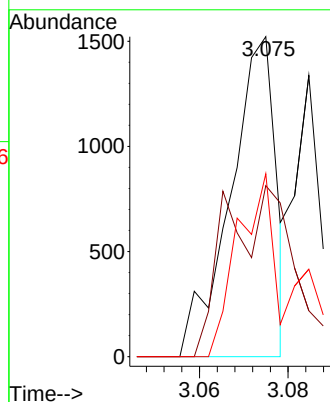
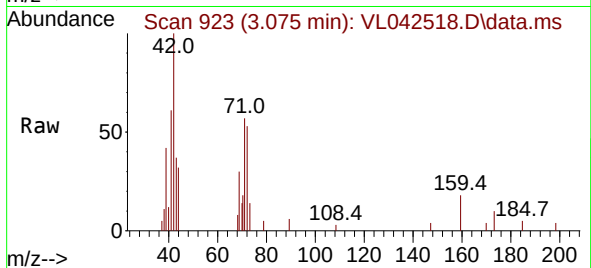




#41
Tetrahydrofuran
Concen: 0.172 ppbv
RT: 3.075 min Scan# 916
Delta R.T. 0.023 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

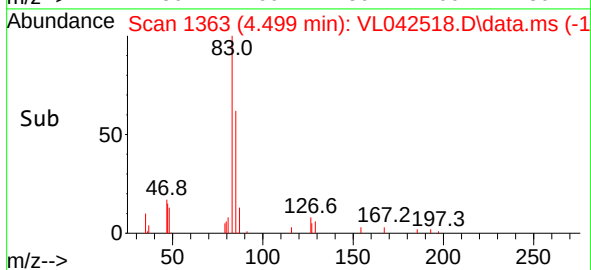
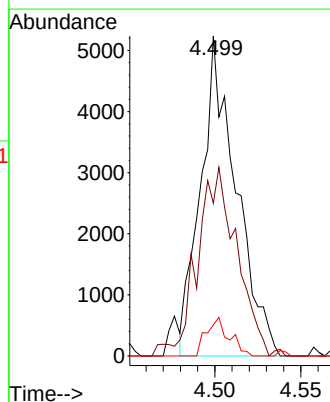
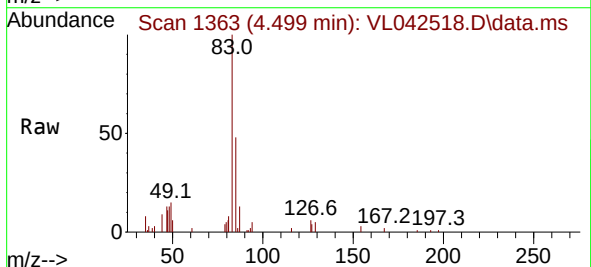
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

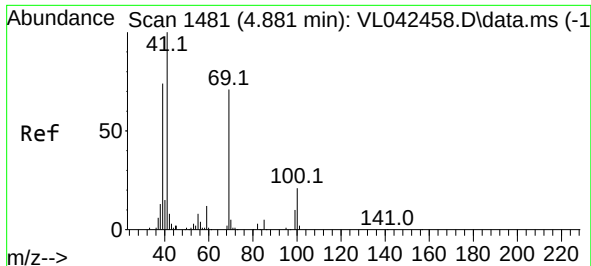
Tgt Ion: 42 Resp: 1094
Ion Ratio Lower Upper
42 100
72 80.1 33.5 50.3#
71 77.6 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.457 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 83 Resp: 7504
Ion Ratio Lower Upper
83 100
85 45.7 51.5 77.3#
127 9.8 5.4 8.2#

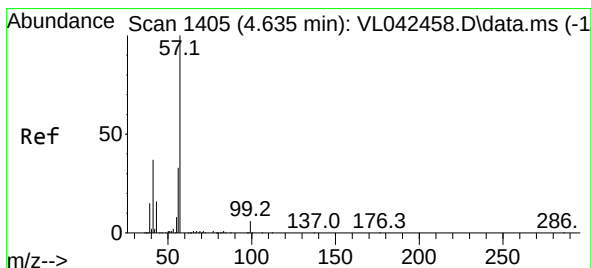
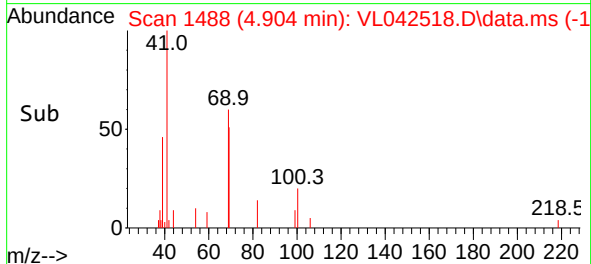
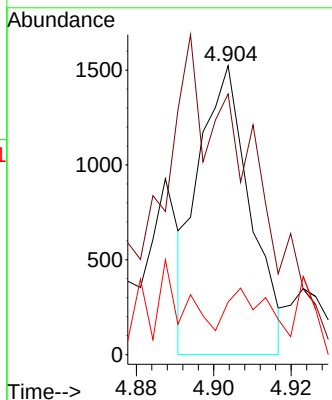
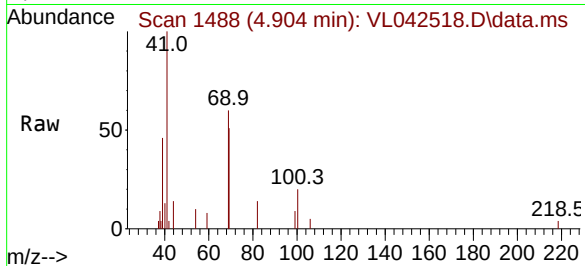




#43
Methyl Methacrylate
Concen: 0.216 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. 0.023 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

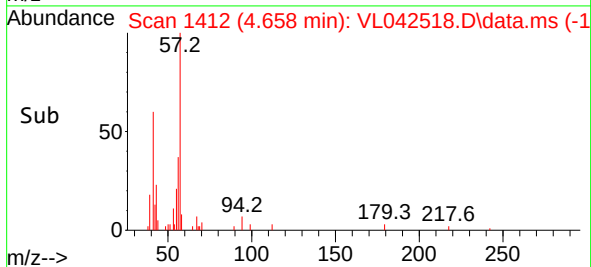
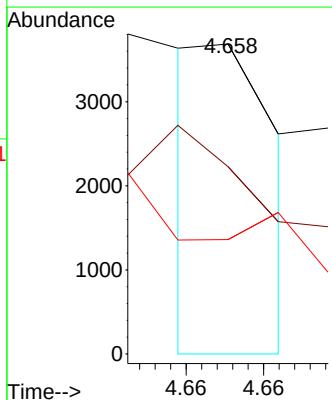
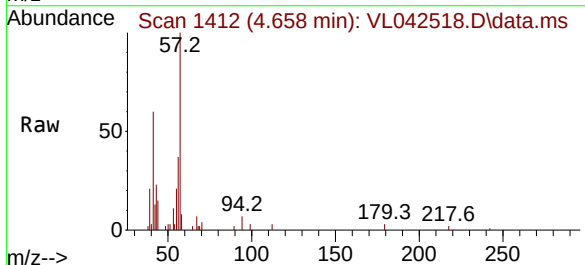
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

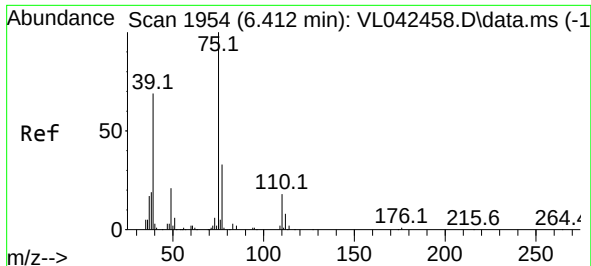
Tgt Ion: 69 Resp: 1403
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.043 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.023 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 57 Resp: 1223
Ion Ratio Lower Upper
57 100
41 392.0 30.6 45.8#
56 294.8 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.046 ppbv

RT: 6.444 min Scan# 1954

Delta R.T. 0.032 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

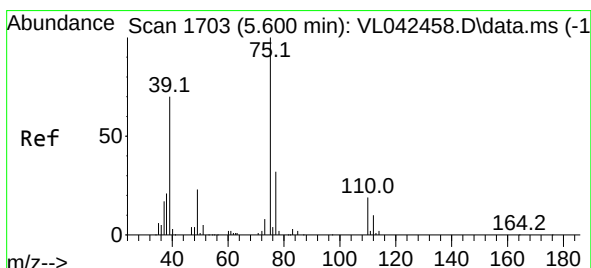
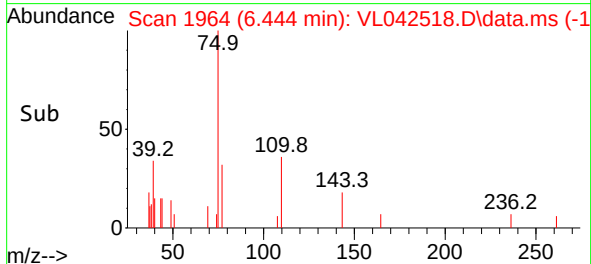
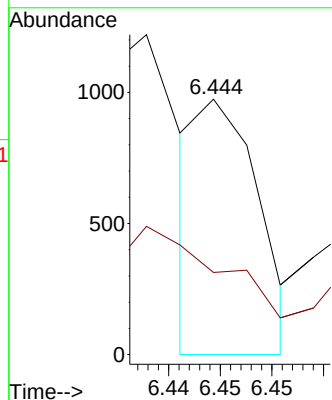
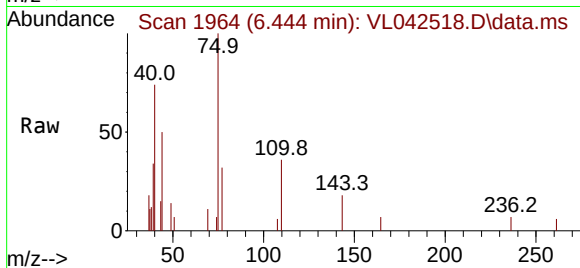
MDL1 0.40

Tgt Ion: 75 Resp: 396

Ion Ratio Lower Upper

75 100

77 32.1 26.3 39.5



#46

cis-1,3-Dichloropropene

Concen: 0.043 ppbv

RT: 5.625 min Scan# 1711

Delta R.T. 0.026 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

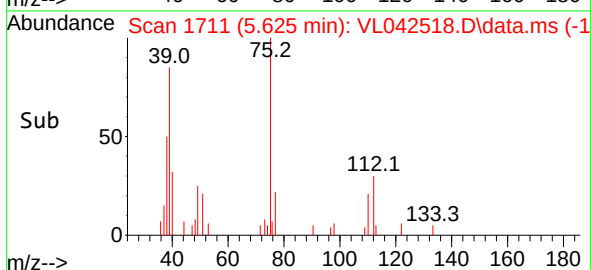
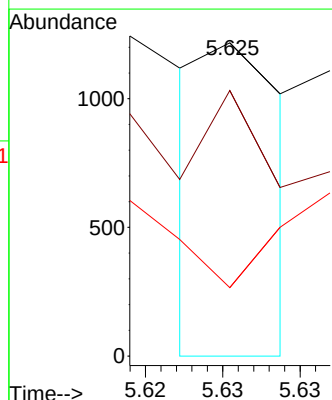
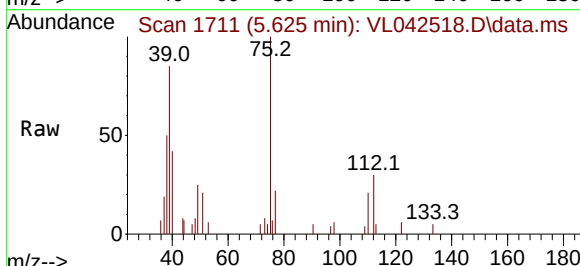
Tgt Ion: 75 Resp: 435

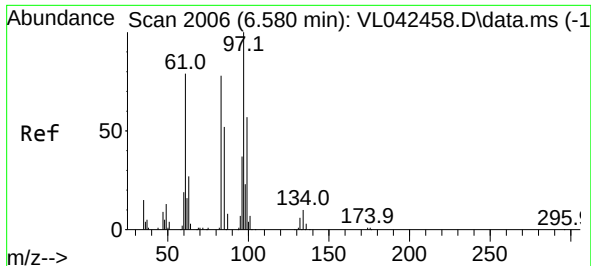
Ion Ratio Lower Upper

75 100

39 190.4 55.7 83.5#

77 0.0 25.8 38.8#

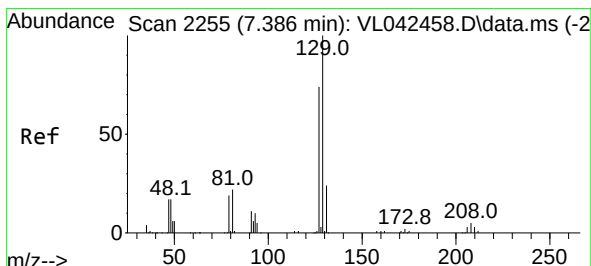
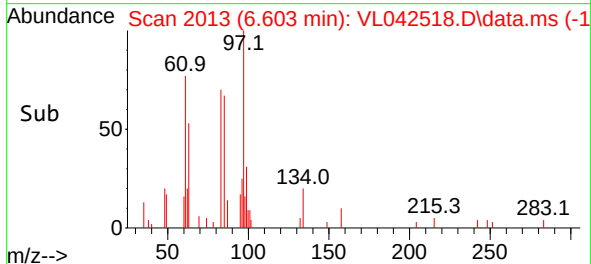
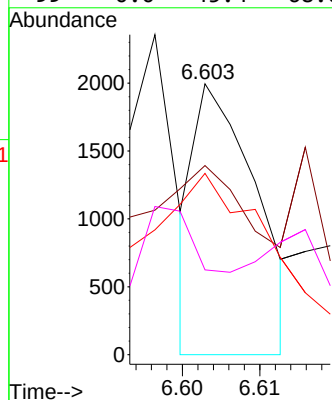
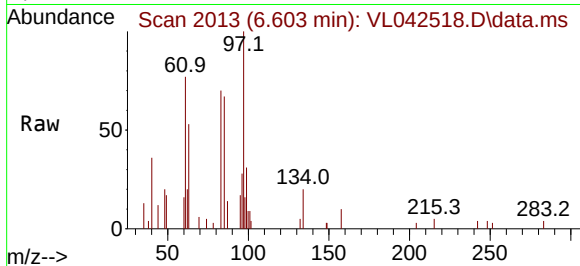




#47
 1,1,2-Trichloroethane
 Concen: 0.154 ppbv
 RT: 6.603 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

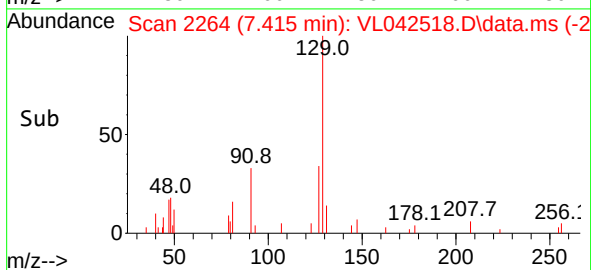
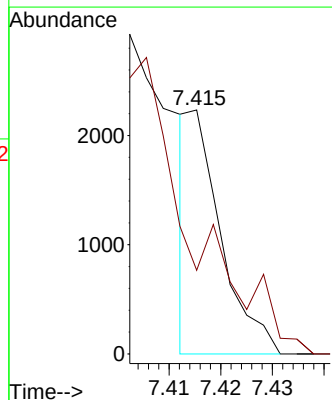
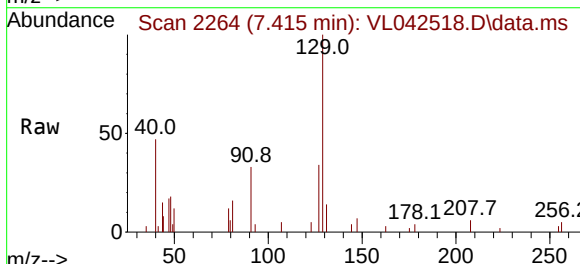
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

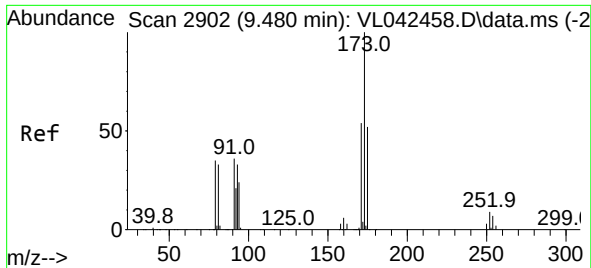
Tgt Ion:	97	Resp:	1101
Ion	Ratio	Lower	Upper
97	100		
83	46.6	62.2	93.2#
85	47.8	41.5	62.3
99	0.0	45.4	68.0#



#48
 Dibromochloromethane
 Concen: 0.079 ppbv
 RT: 7.415 min Scan# 2264
 Delta R.T. 0.029 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Tgt Ion:	129	Resp:	960
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.5	118.5#





#49

Bromoform

Concen: 0.431 ppbv

RT: 9.496 min Scan# 2902

Delta R.T. 0.016 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_1

ClientSampleId :

MDL1 0.40

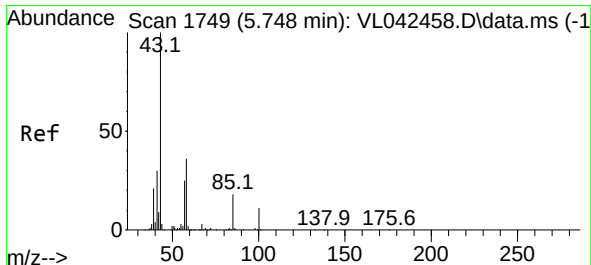
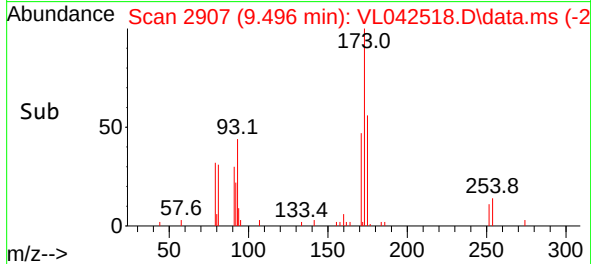
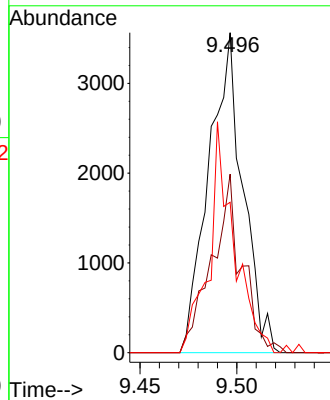
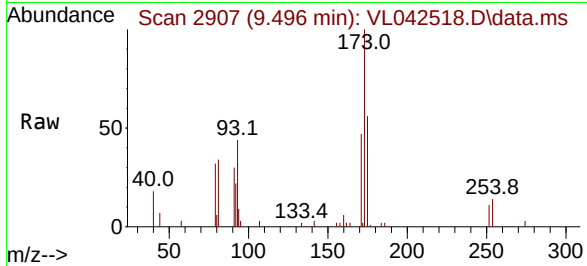
Tgt Ion:173 Resp: 4368

Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

171 53.7 40.6 60.8



#50

4-Methyl-2-Pentanone

Concen: 0.060 ppbv

RT: 5.774 min Scan# 1757

Delta R.T. 0.026 min

Lab File: VL042518.D

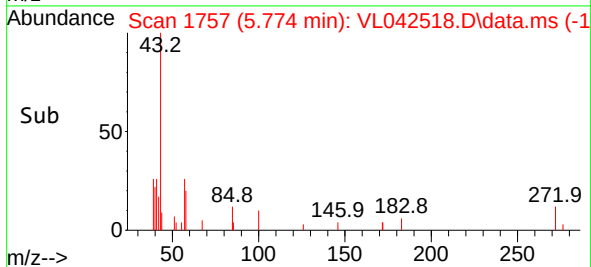
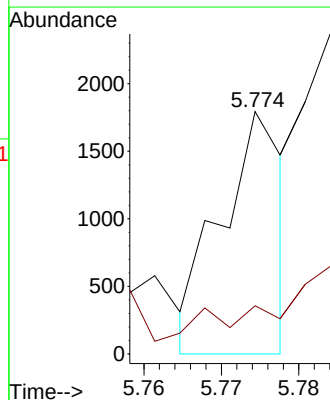
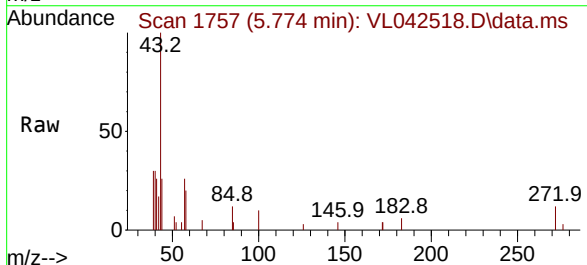
Acq: 07 May 2025 15:02

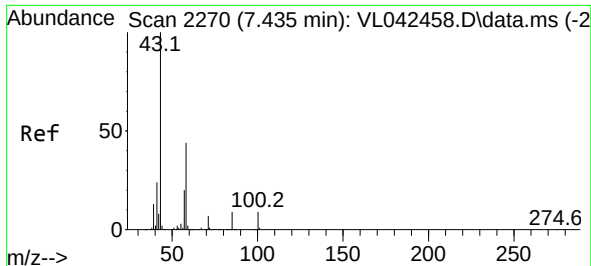
Tgt Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

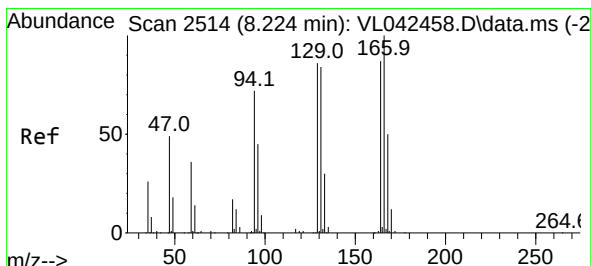
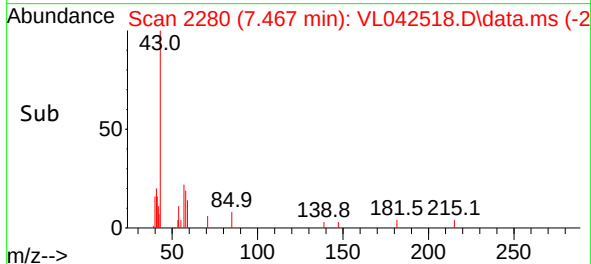
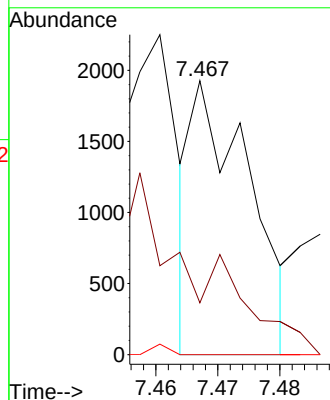
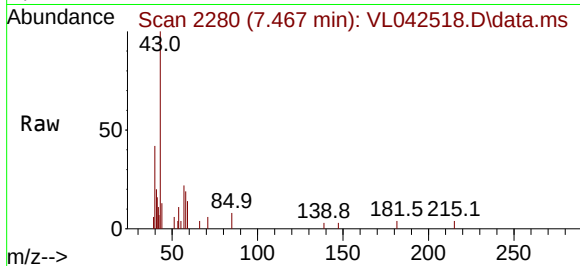




#51
2-Hexanone
Concen: 0.092 ppbv
RT: 7.467 min Scan# 2126
Delta R.T. 0.032 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

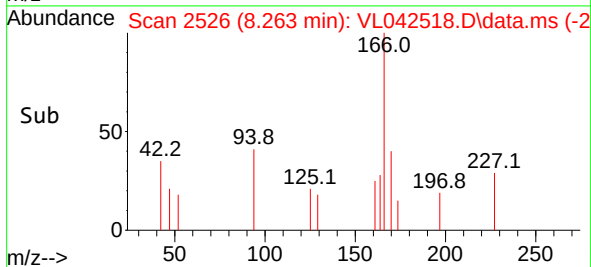
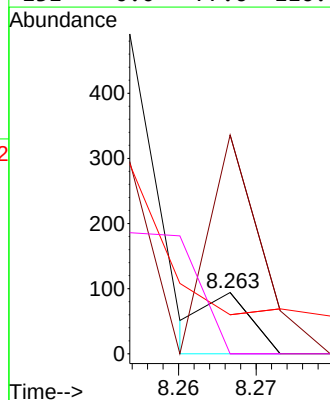
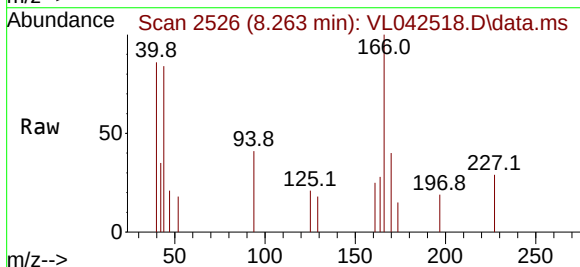
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

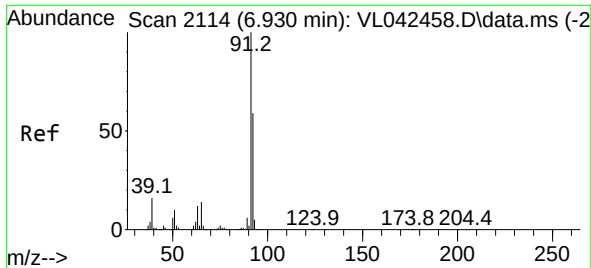
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.003 ppbv
RT: 8.263 min Scan# 2526
Delta R.T. 0.039 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 164 Resp: 18
Ion Ratio Lower Upper
164 100
166 357.4 91.6 137.4#
129 0.0 79.0 118.4#
131 0.0 77.6 116.4#

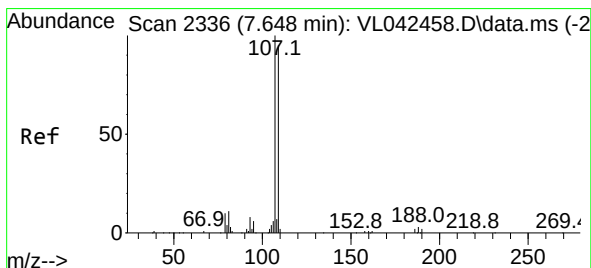
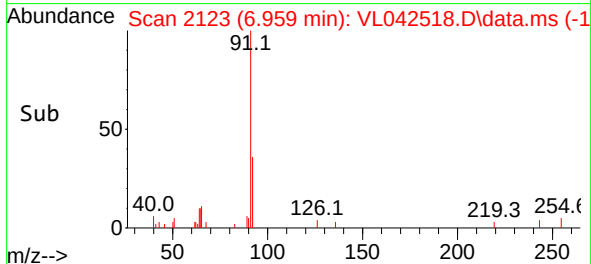
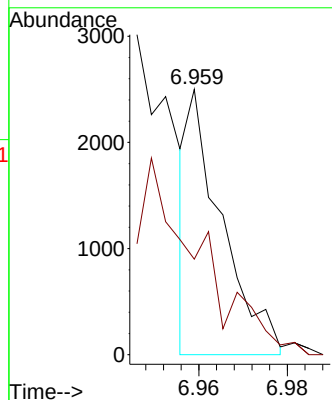
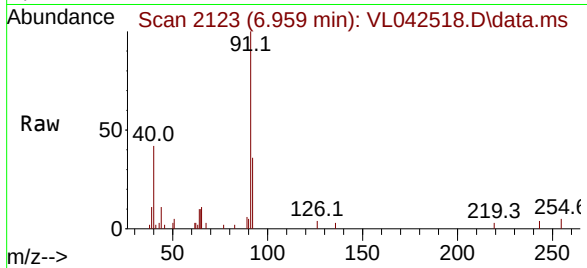




#53
Toluene
Concen: 0.072 ppbv
RT: 6.959 min Scan# 2114
Delta R.T. 0.029 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

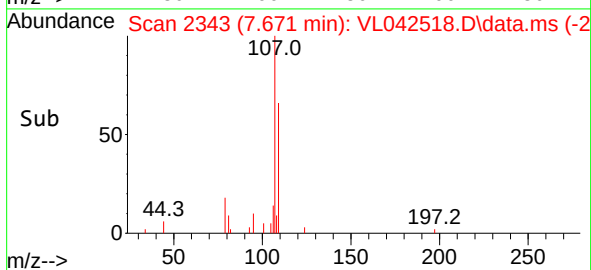
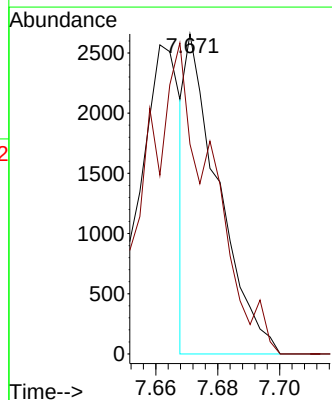
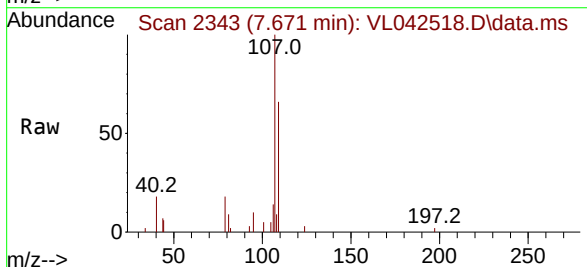
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

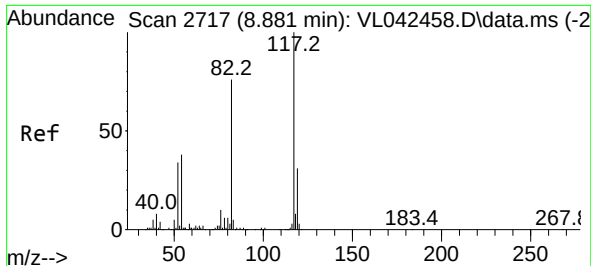
Tgt Ion: 91 Resp: 1337
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.178 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.023 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 107 Resp: 1949
Ion Ratio Lower Upper
107 100
109 65.6 76.0 114.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

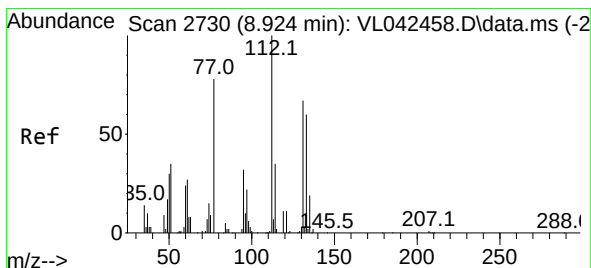
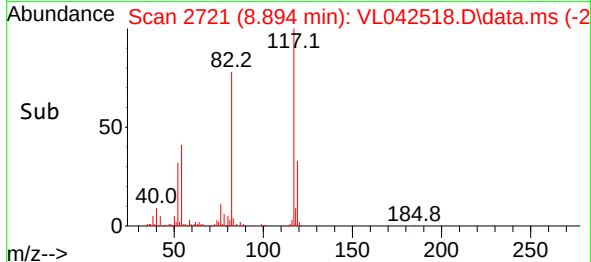
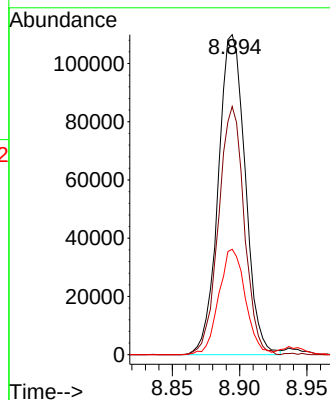
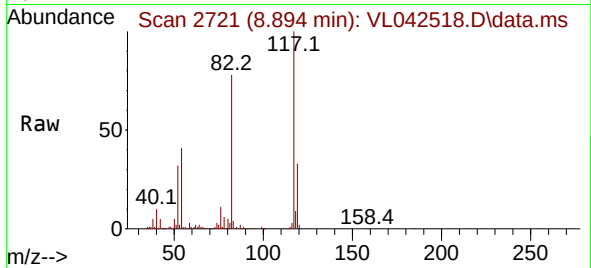
Tgt Ion:117 Resp: 153066

Ion Ratio Lower Upper

117 100

82 74.0 63.5 95.3

119 34.7 25.8 38.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.301 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

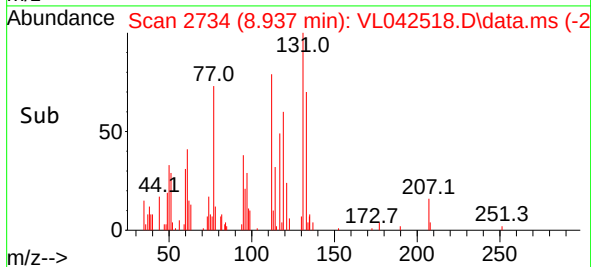
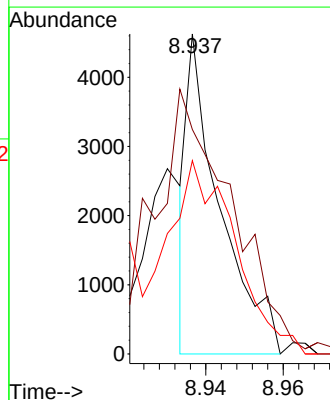
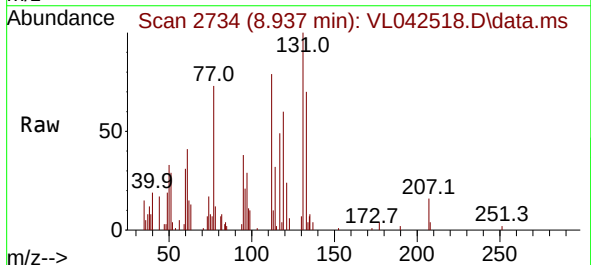
Tgt Ion:131 Resp: 2722

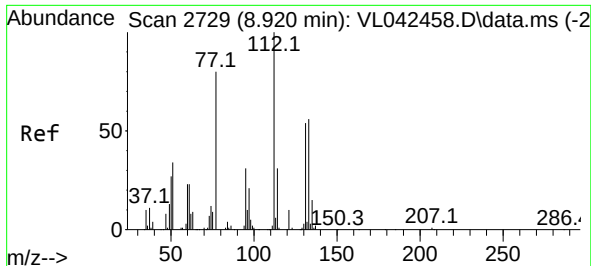
Ion Ratio Lower Upper

131 100

133 198.3 76.0 114.0#

119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.365 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

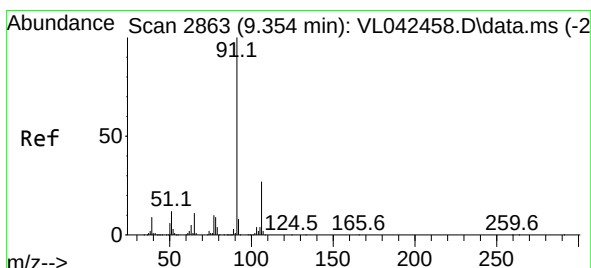
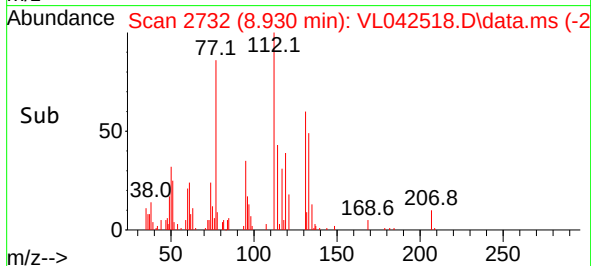
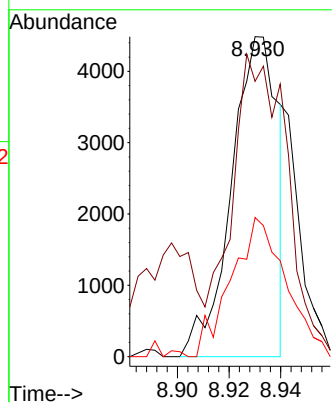
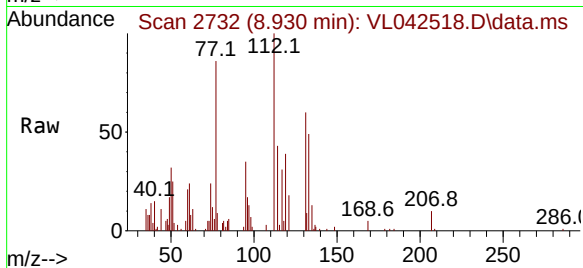
Tgt Ion:112 Resp: 5607

Ion Ratio Lower Upper

112 100

77 54.7 65.0 97.4#

114 41.9 27.5 33.7#



#58

Ethyl Benzene

Concen: 0.260 ppbv

RT: 9.364 min Scan# 2866

Delta R.T. 0.010 min

Lab File: VL042518.D

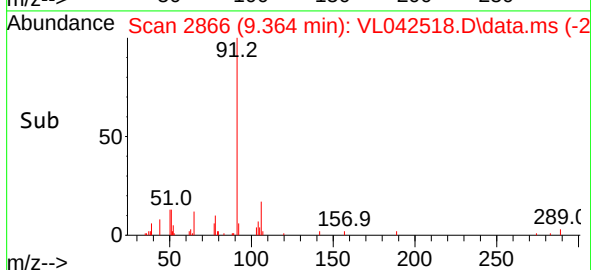
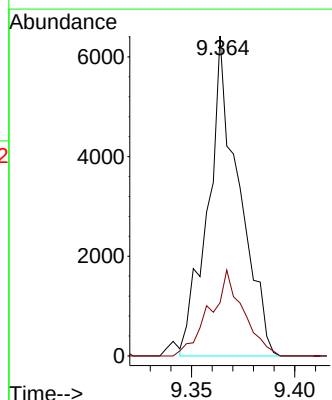
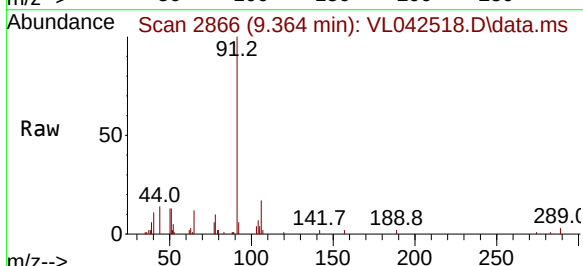
Acq: 07 May 2025 15:02

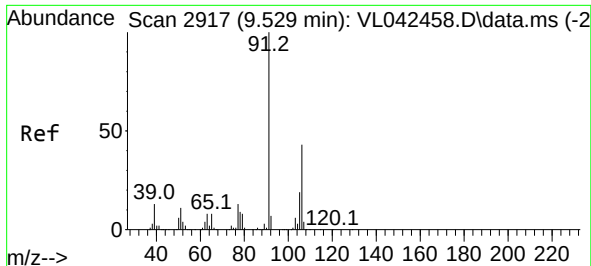
Tgt Ion: 91 Resp: 6659

Ion Ratio Lower Upper

91 100

106 16.7 21.9 32.9#





#59

m/p-Xylene

Concen: 0.137 ppbv

RT: 9.548 min Scan# 2917

Delta R.T. 0.019 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

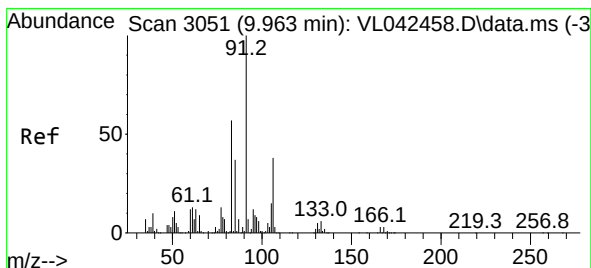
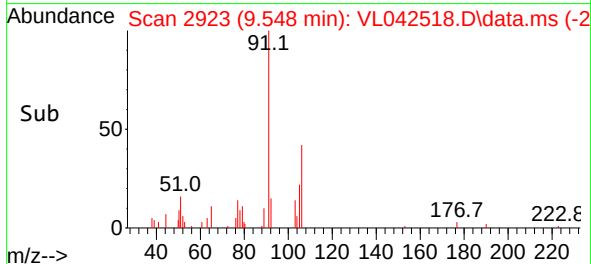
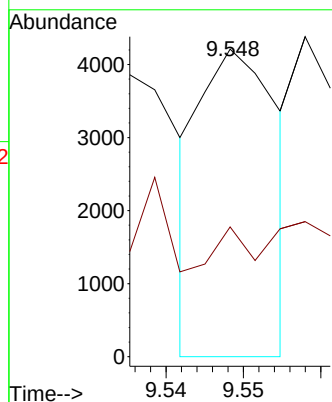
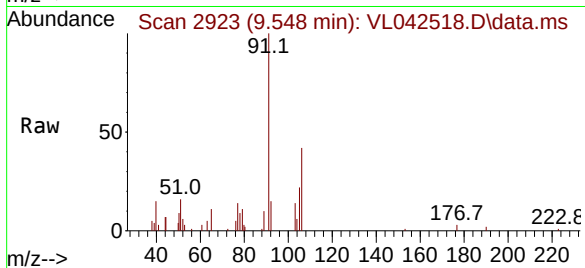
MDL1 0.40

Tgt Ion: 91 Resp: 2929

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.260 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042518.D

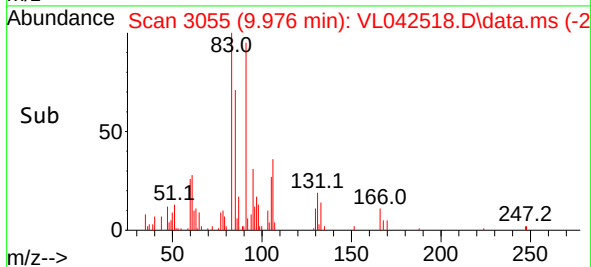
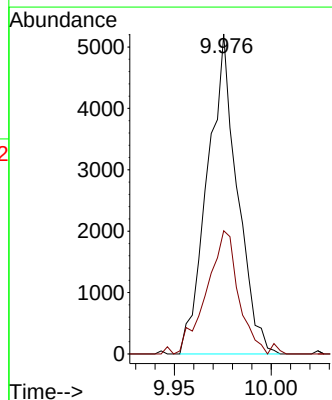
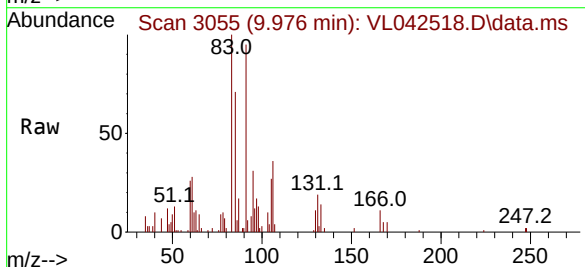
Acq: 07 May 2025 15:02

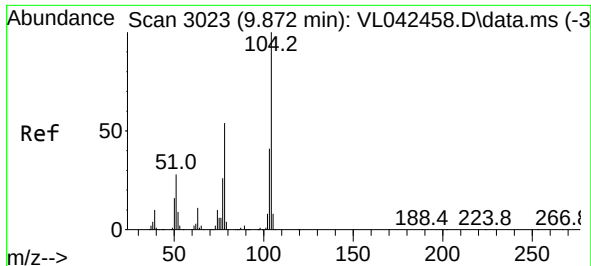
Tgt Ion: 91 Resp: 5590

Ion Ratio Lower Upper

91 100

106 42.1 20.1 60.2

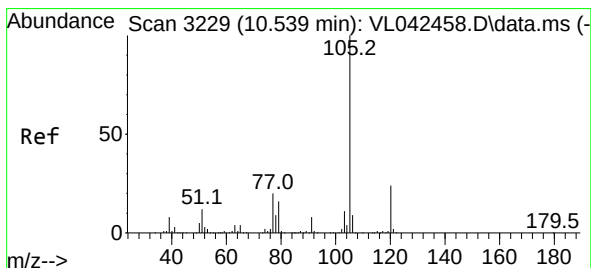
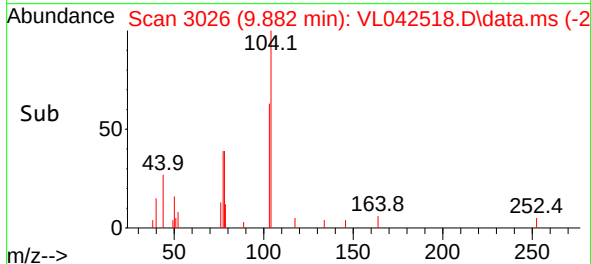
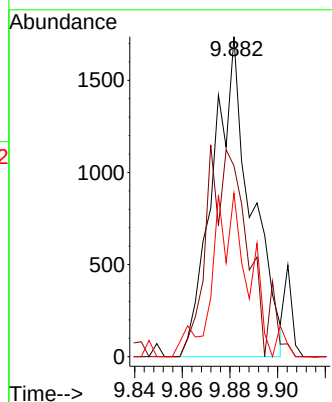
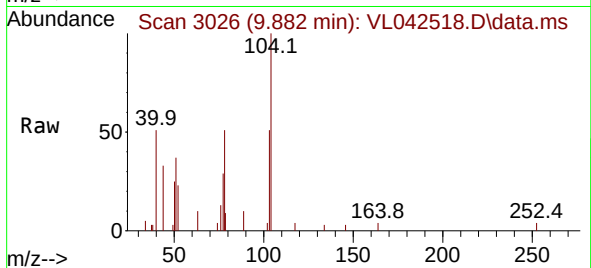




#61
Styrene
Concen: 0.241 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

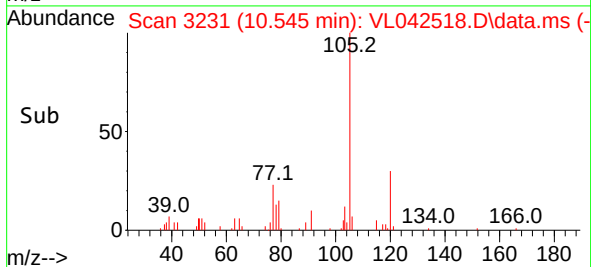
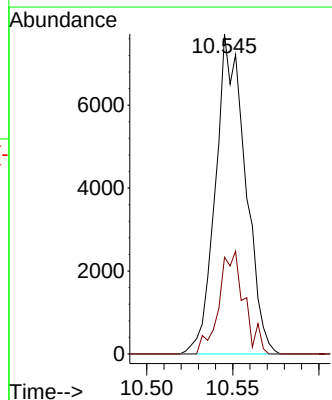
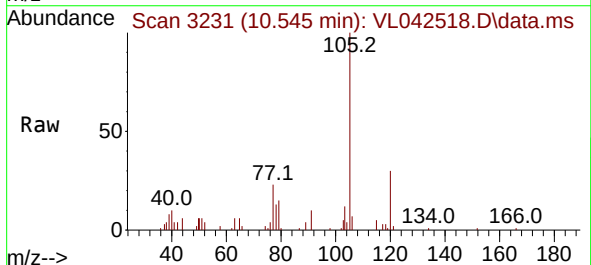
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

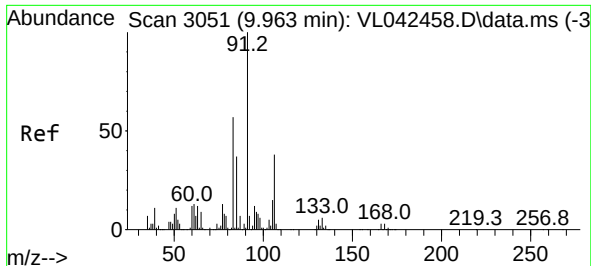
Tgt Ion:104 Resp: 1930
Ion Ratio Lower Upper
104 100
78 73.3 46.9 70.3#
103 49.8 36.6 55.0



#62
Isopropylbenzene
Concen: 0.300 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:105 Resp: 9300
Ion Ratio Lower Upper
105 100
120 27.3 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 0.511 ppbv

RT: 9.979 min Scan# 3051

Delta R.T. 0.016 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

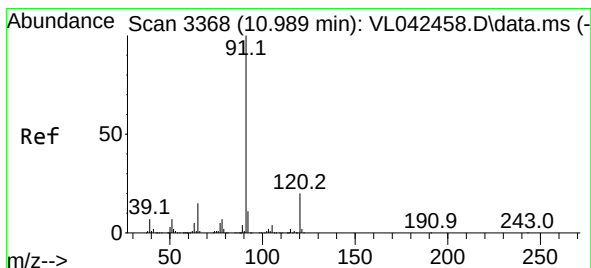
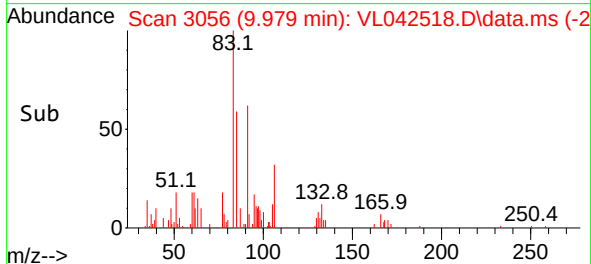
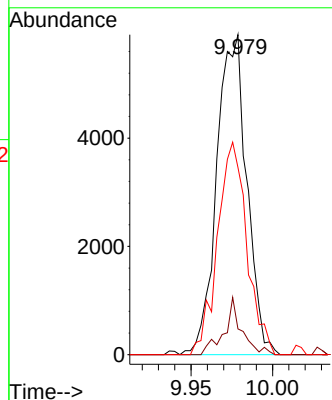
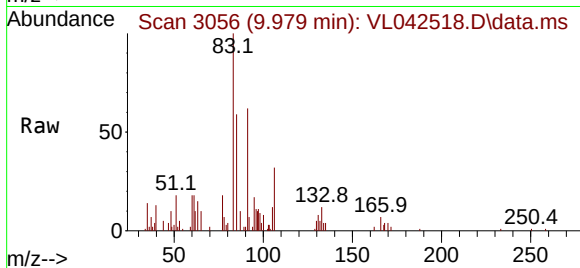
Tgt Ion: 83 Resp: 7571

Ion Ratio Lower Upper

83 100

131 10.3 4.7 14.1

85 65.0 32.5 97.4



#64

n-propylbenzene

Concen: 0.124 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. 0.013 min

Lab File: VL042518.D

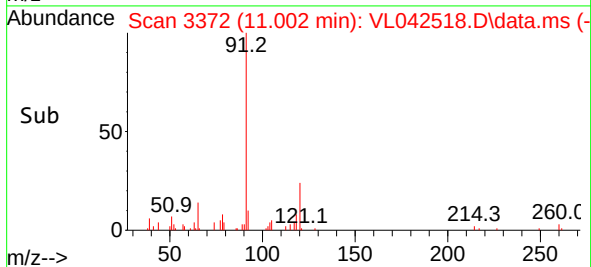
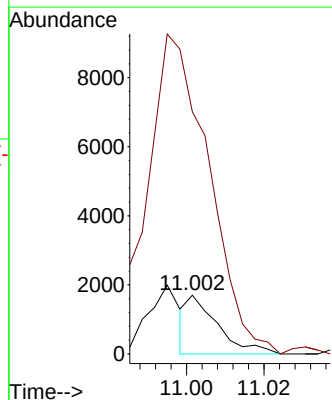
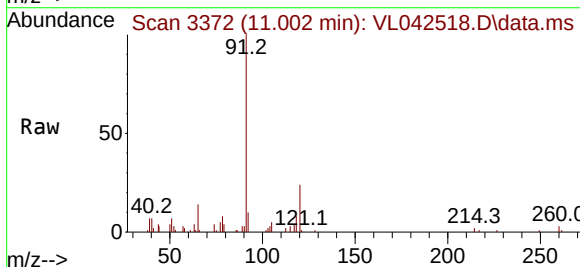
Acq: 07 May 2025 15:02

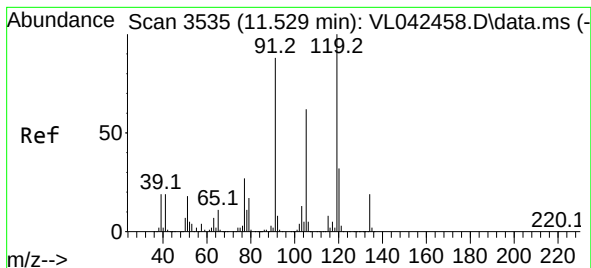
Tgt Ion: 120 Resp: 938

Ion Ratio Lower Upper

120 100

91 0.0 408.6 612.8#





#65

tert-Butylbenzene

Concen: 0.140 ppbv

RT: 11.542 min Scan# 3535

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

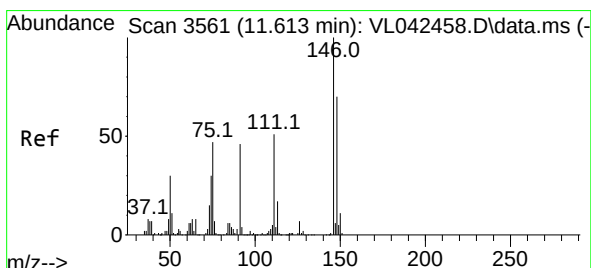
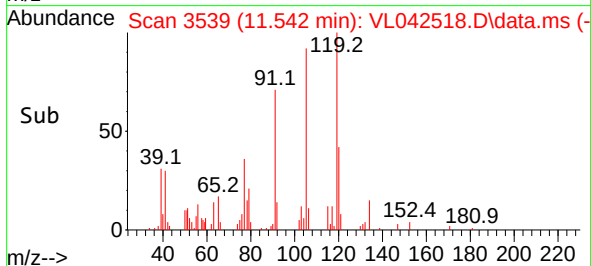
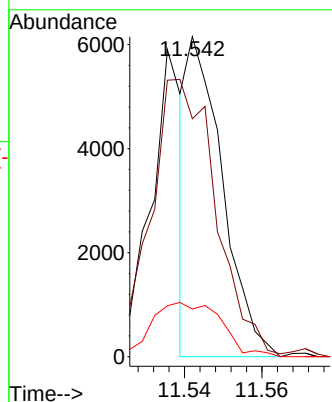
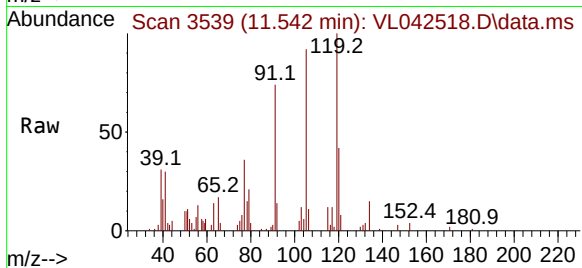
Tgt Ion:119 Resp: 3873

Ion Ratio Lower Upper

119 100

91 162.9 71.6 107.4#

134 33.5 15.0 22.4#



#66

Benzyl Chloride

Concen: 0.227 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

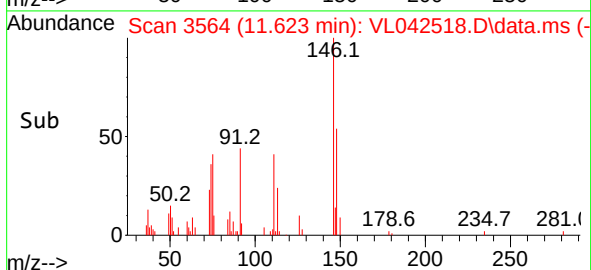
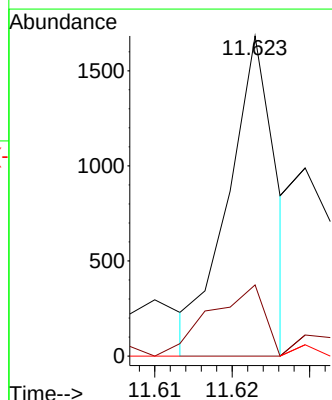
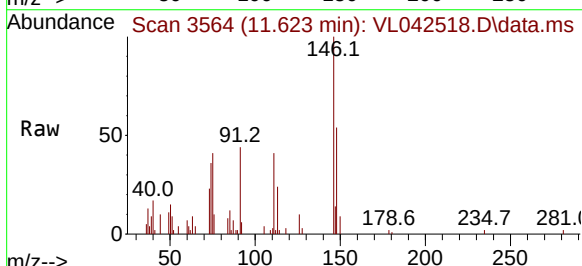
Tgt Ion: 91 Resp: 726

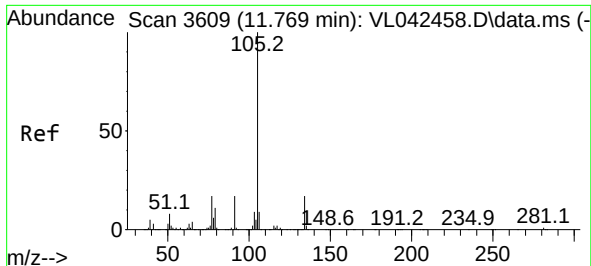
Ion Ratio Lower Upper

91 100

126 36.6 13.3 19.9#

128 0.0 4.2 6.4#

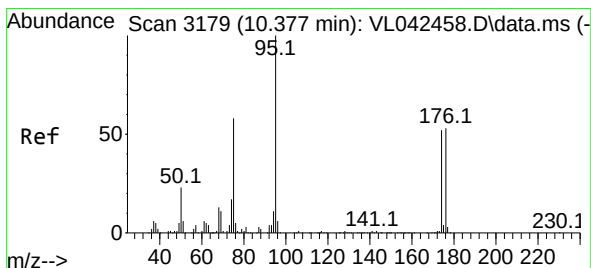
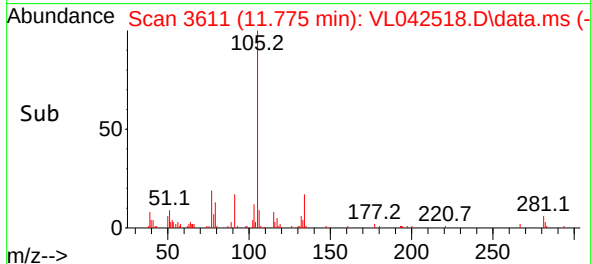
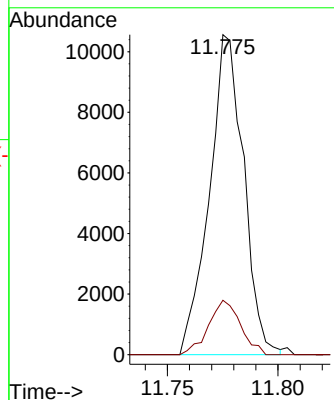
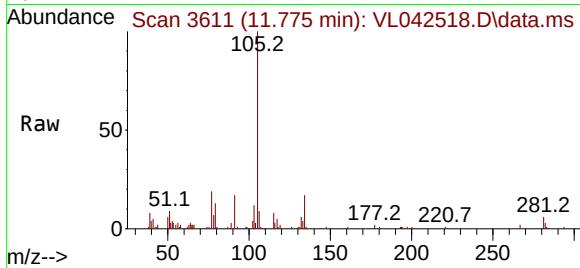




#67
 sec-Butylbenzene
 Concen: 0.290 ppbv
 RT: 11.775 min Scan# 3182
 Delta R.T. 0.007 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

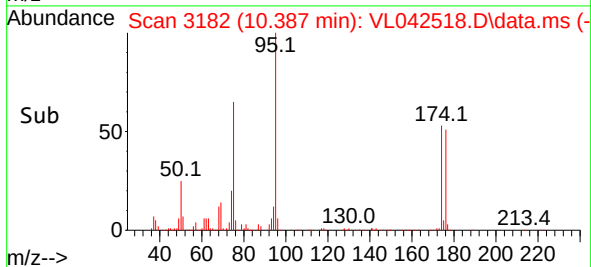
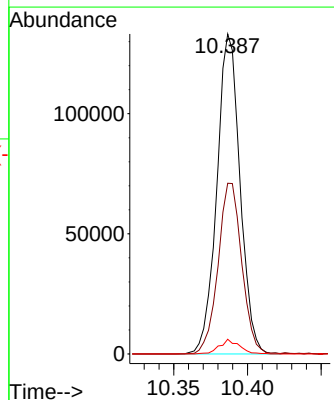
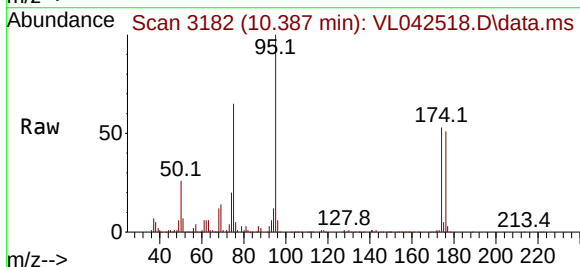
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40

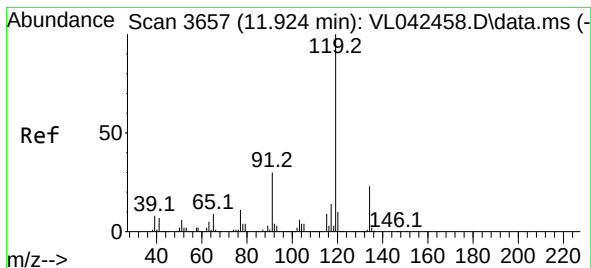
Tgt Ion:105 Resp: 11376
 Ion Ratio Lower Upper
 105 100
 134 15.8 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.266 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.010 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Tgt Ion: 95 Resp: 145687
 Ion Ratio Lower Upper
 95 100
 174 54.9 42.7 64.1
 175 3.9 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.242 ppbv

RT: 11.934 min Scan# 3

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.40

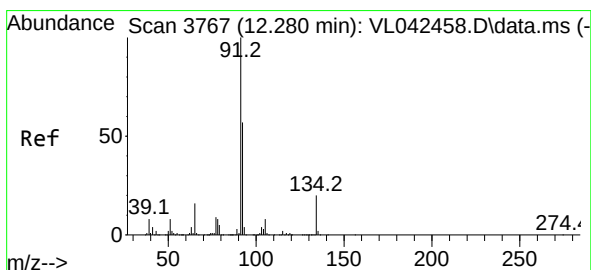
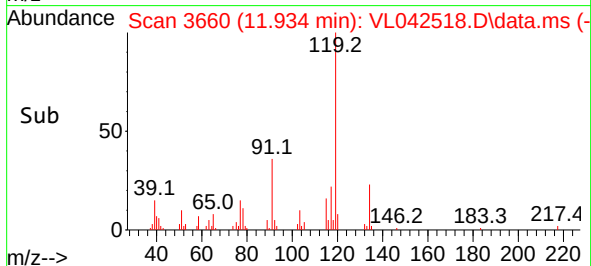
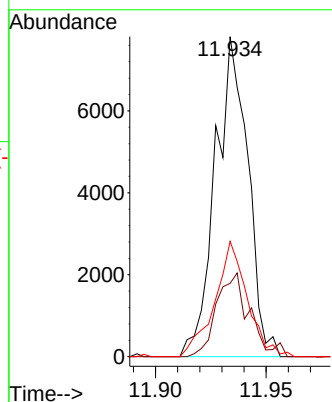
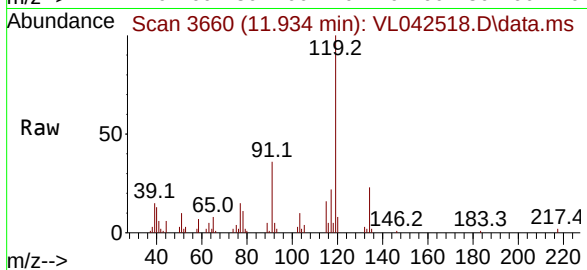
Tgt Ion:119 Resp: 7995

Ion Ratio Lower Upper

119 100

134 26.4 19.0 28.4

91 36.0 25.5 38.3



#70

n-Butylbenzene

Concen: 0.253 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. 0.013 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

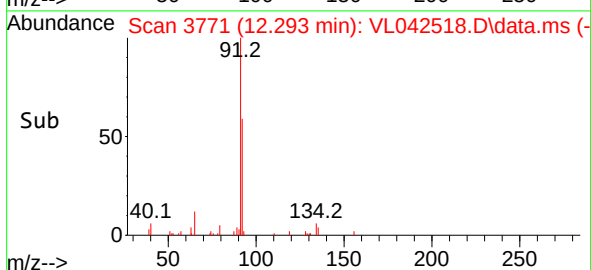
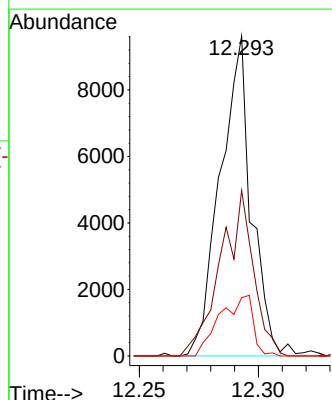
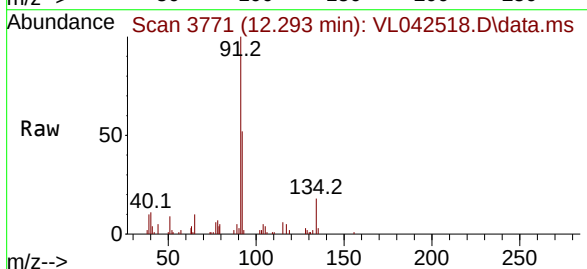
Tgt Ion: 91 Resp: 8669

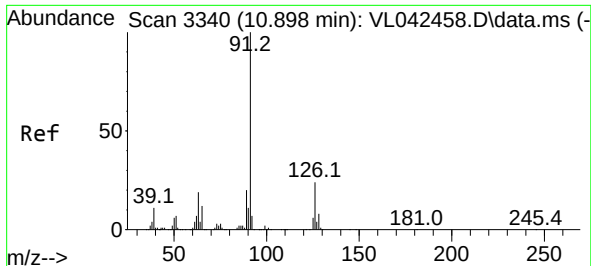
Ion Ratio Lower Upper

91 100

92 55.0 44.0 66.0

134 20.4 16.8 25.2

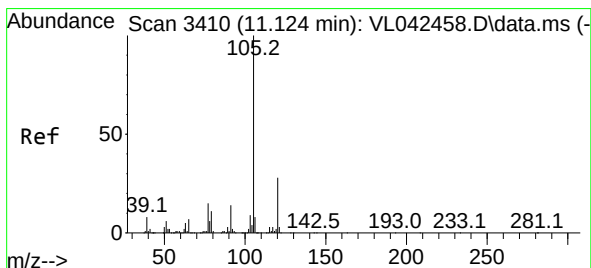
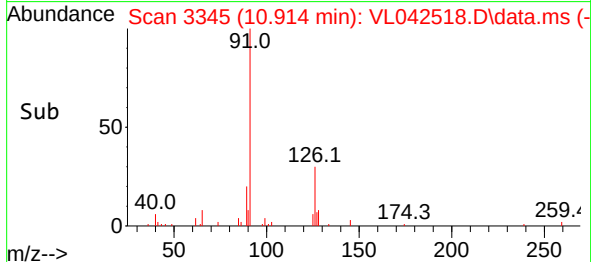
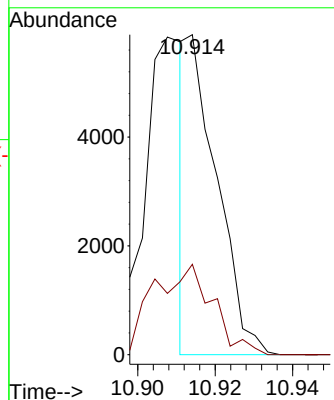
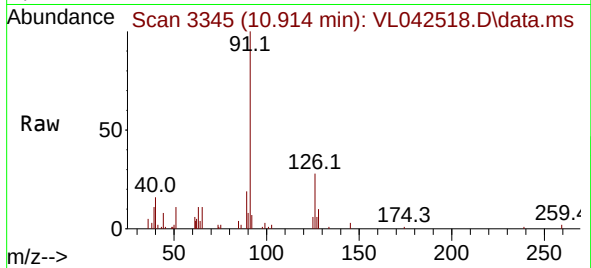




#71
2-Chlorotoluene
Concen: 0.130 ppbv
RT: 10.914 min Scan# 3165
Delta R.T. 0.016 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

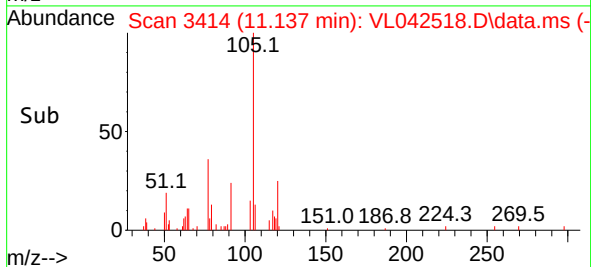
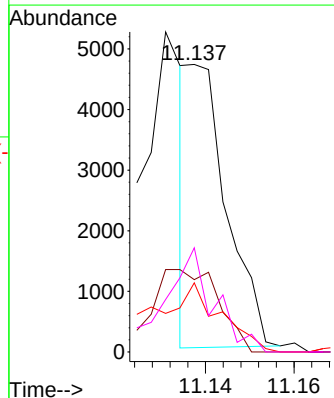
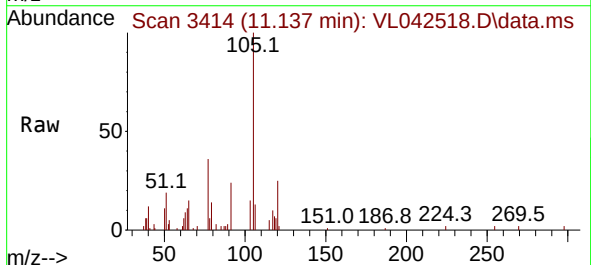
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

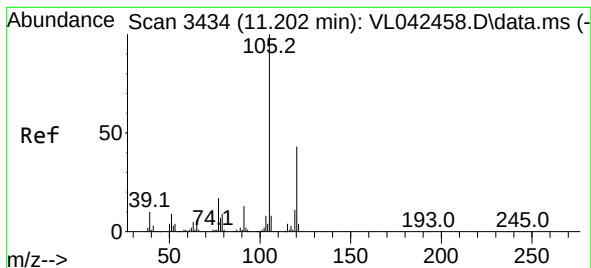
Tgt Ion: 91 Resp: 3165
Ion Ratio Lower Upper
91 100
126 58.2 10.6 42.2#



#72
4-Ethyltoluene
Concen: 0.111 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion: 105 Resp: 2805
Ion Ratio Lower Upper
105 100
120 0.0 22.0 33.0#
91 46.1 11.2 16.8#
77 53.7 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.242 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Instrument :

MSVOA_L

ClientSampleId :

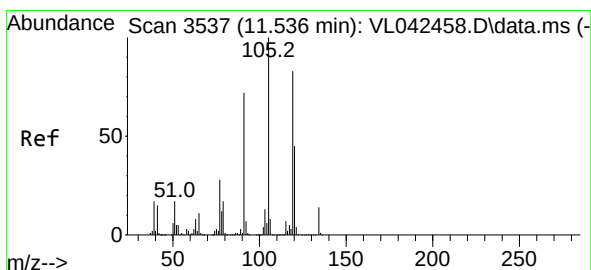
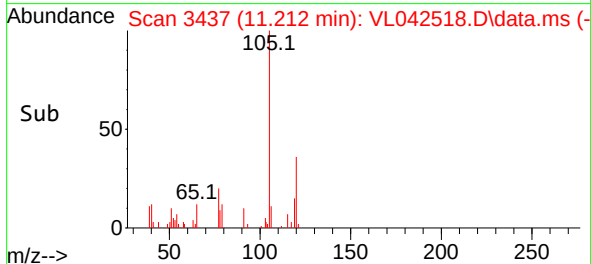
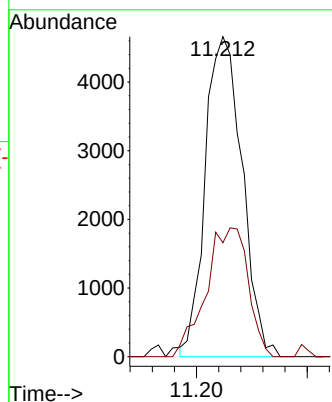
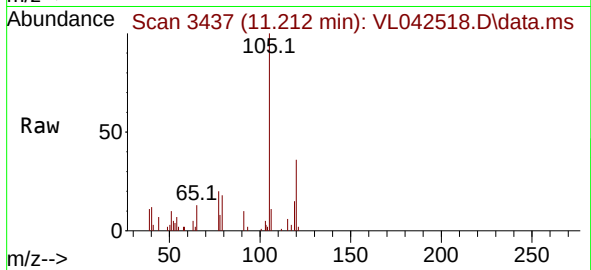
MDL1 0.40

Tgt Ion:105 Resp: 5388

Ion Ratio Lower Upper

105 100

120 35.6 34.4 51.6



#74

1,2,4-Trimethylbenzene

Concen: 0.264 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.010 min

Lab File: VL042518.D

Acq: 07 May 2025 15:02

Tgt Ion:105 Resp: 7099

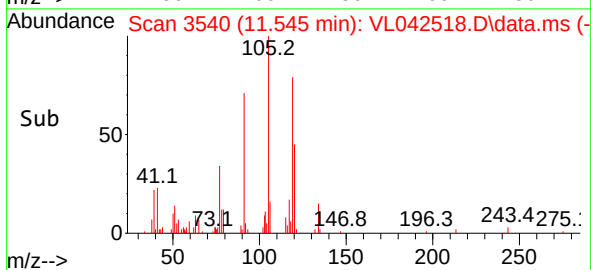
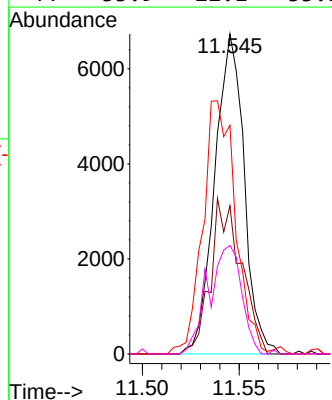
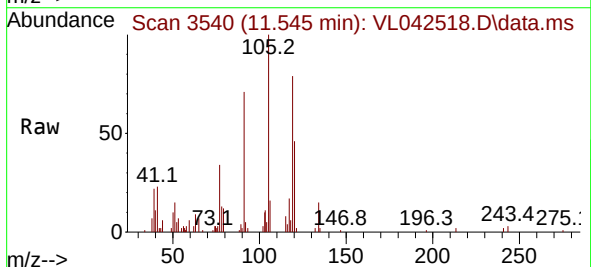
Ion Ratio Lower Upper

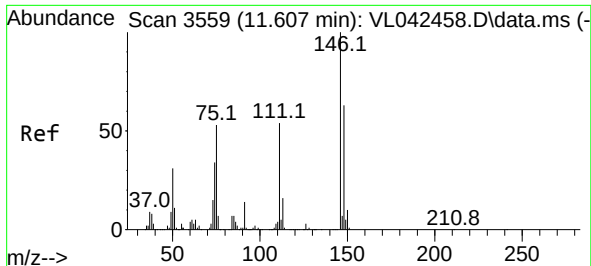
105 100

120 46.3 36.1 54.1

91 69.2 57.6 86.4

77 33.9 22.1 33.1#

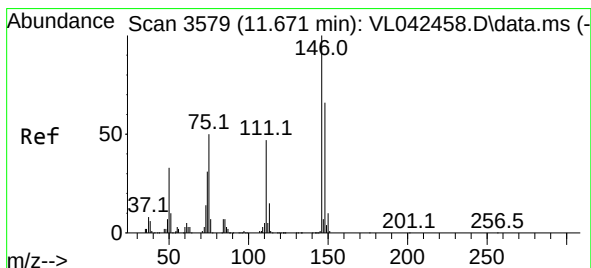
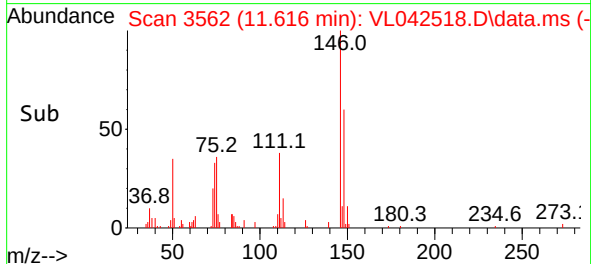
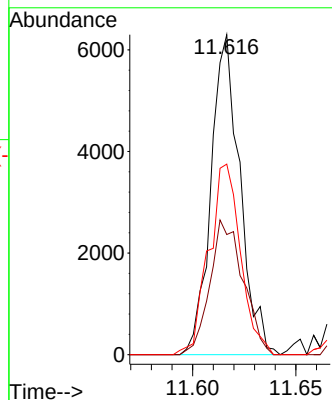
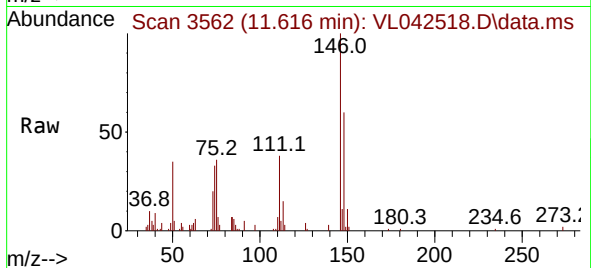




#75
1,3-Dichlorobenzene
Concen: 0.410 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

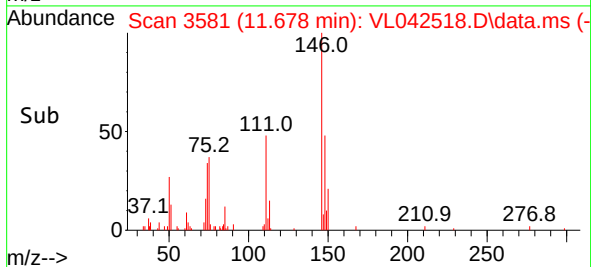
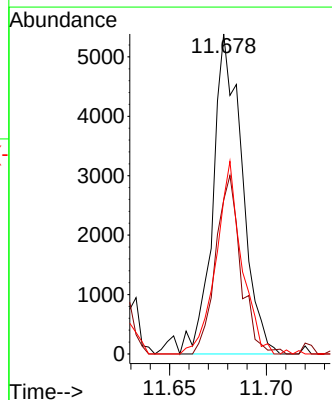
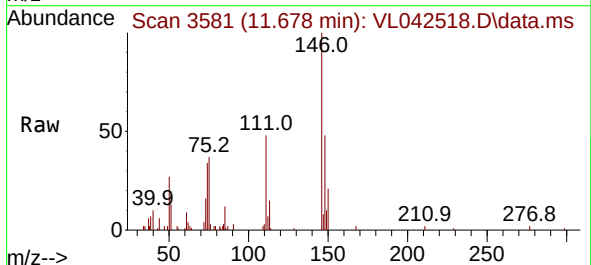
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

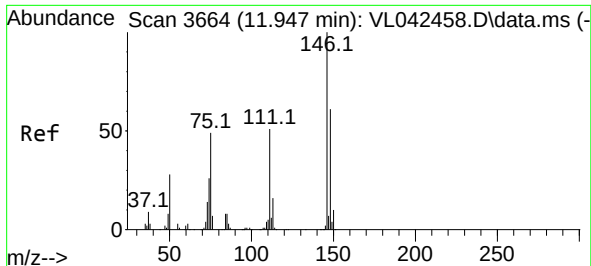
Tgt Ion:146 Resp: 6150
Ion Ratio Lower Upper
146 100
111 48.2 26.1 78.3
148 65.2 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 0.397 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:146 Resp: 5631
Ion Ratio Lower Upper
146 100
111 48.1 24.4 73.2
148 52.8 32.0 96.2

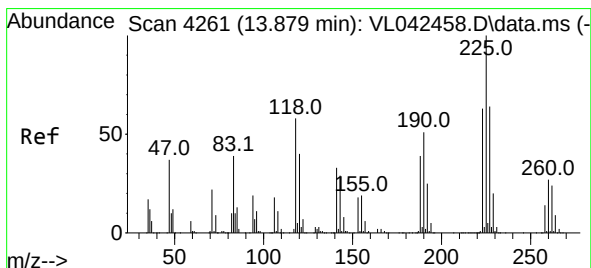
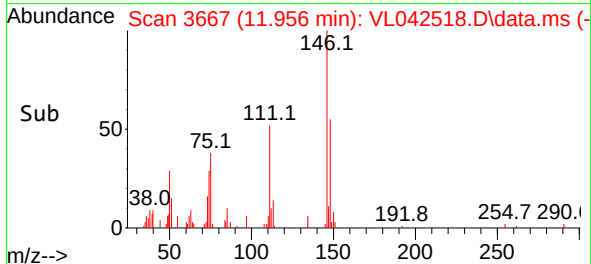
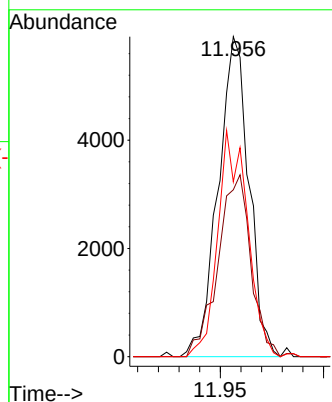
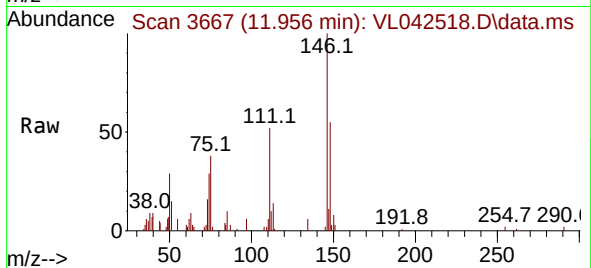




#77
1,2-Dichlorobenzene
Concen: 0.415 ppbv
RT: 11.956 min Scan# 3097
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

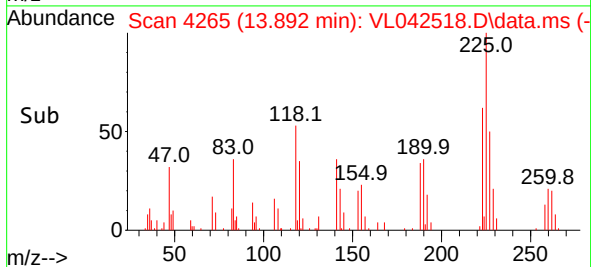
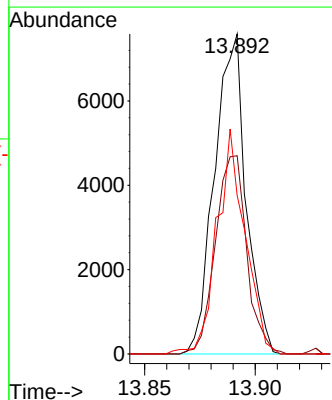
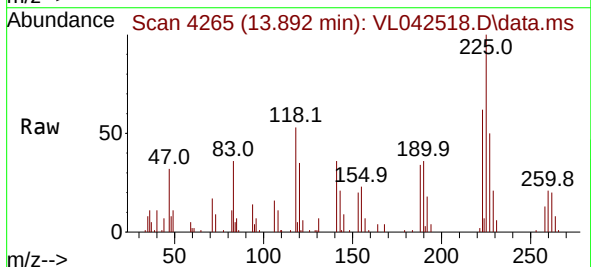
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.40

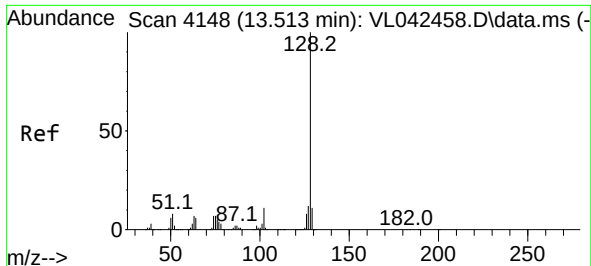
Tgt Ion:146 Resp: 6097
Ion Ratio Lower Upper
146 100
111 61.1 26.5 79.5
148 68.7 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.512 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

Tgt Ion:225 Resp: 7506
Ion Ratio Lower Upper
225 100
223 62.0 50.2 75.4
227 62.6 51.2 76.8

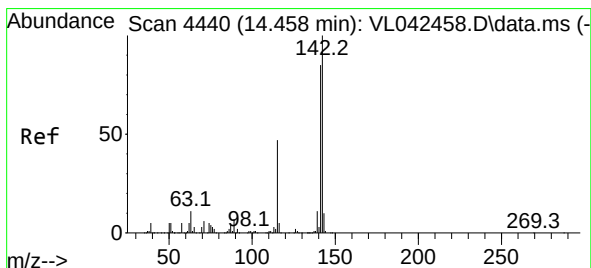
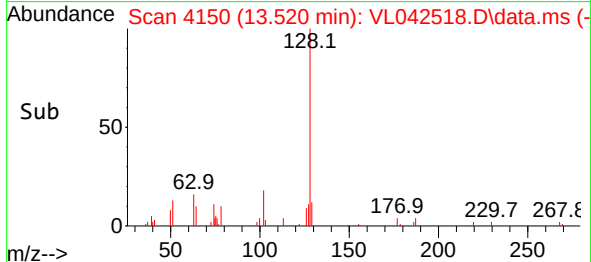
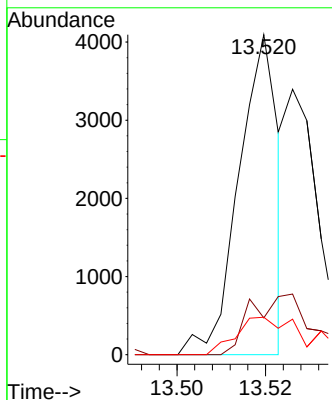
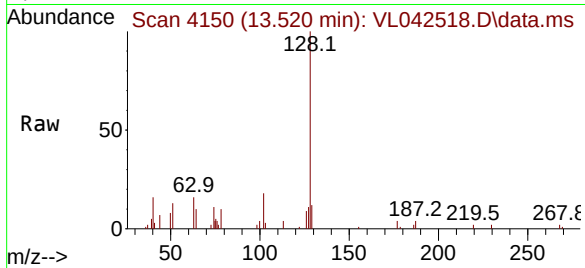




#79
Naphthalene
Concen: 0.112 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.007 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

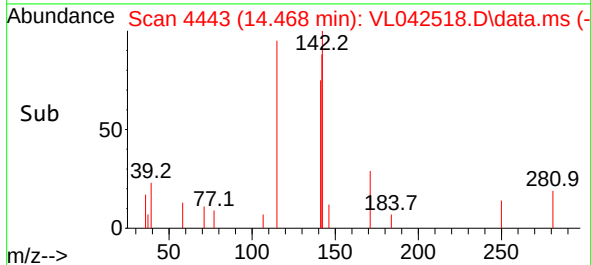
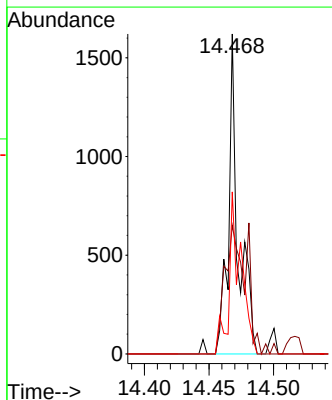
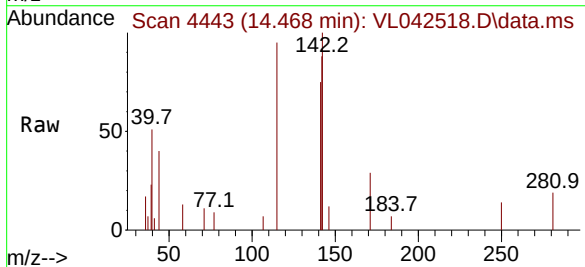
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.40

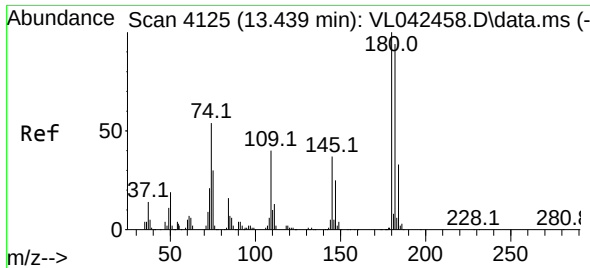
Tgt Ion:	128	Resp:	2541
Ion	Ratio	Lower	Upper
128	100		
127	11.5	9.7	14.5
129	11.7	8.6	13.0



#80
Naphthalene,2-methyl-
Concen: 0.054 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.010 min
Lab File: VL042518.D
Acq: 07 May 2025 15:02

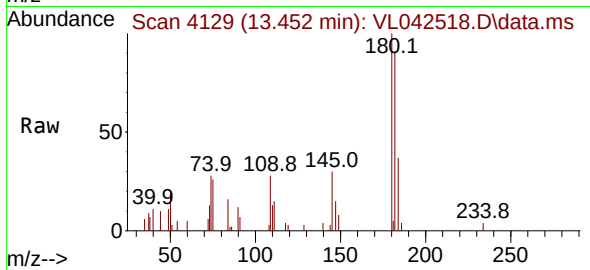
Tgt Ion:	142	Resp:	914
Ion	Ratio	Lower	Upper
142	100		
141	82.5	67.4	101.0
115	58.1	36.9	55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.208 ppbv
 RT: 13.452 min Scan# 4129
 Delta R.T. 0.013 min
 Lab File: VL042518.D
 Acq: 07 May 2025 15:02

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.40



Tgt Ion:	180	Resp:	2517
Ion	Ratio	Lower	Upper
180	100		
182	102.8	74.6	111.8
184	33.2	24.9	37.3

