

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042515.D
 Acq On : 07 May 2025 13:17
 Operator : SY/MD
 Sample : MDL1 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

Quant Time: May 08 01:34:32 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	73482	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	188073	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	159179	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	141887	9.614	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	456	0.037	ppbv #	85
3) Chlorodifluoromethane	1.476	51	603	0.047	ppbv	92
4) Chloromethane	1.534	50	118	0.023	ppbv #	45
5) Vinyl Chloride	1.583	62	35	0.007	ppbv #	44
6) Bromomethane	1.677	94	49	0.020	ppbv #	53
7) Chloroethane	1.709	64	50	0.026	ppbv #	43
8) Dichlorotetrafluoroethane	1.557	85	360	0.036	ppbv #	64
9) Propene	1.424	41	43	0.010	ppbv	99
10) Heptane	4.998	43	105	0.010	ppbv #	26
11) Trichlorofluoromethane	1.881	101	405	0.036	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.140	101	405	0.045	ppbv #	81
13) Ethanol	1.725	45	148	0.173	ppbv #	37
14) Bromoethene	1.787	108	59	0.018	ppbv #	5
15) Acetone	1.839	43	1556	0.116	ppbv #	88
16) 1,3-Butadiene	1.612	39	615	0.104	ppbv #	75
17) tert-Butyl alcohol	2.049	59	461	0.039	ppbv #	72
18) 1,1-Dichloroethene	2.033	96	178	0.043	ppbv #	2
19) Isopropyl Alcohol	1.894	45	687	0.093	ppbv #	94
20) Methylene Chloride	2.065	84	864	0.214	ppbv #	69
21) Allyl Chloride	2.098	41	446	0.052	ppbv #	8
22) trans-1,2-Dichloroethene	2.350	96	232	0.047	ppbv #	1
23) Vinyl Acetate	2.467	43	490	0.038	ppbv #	18
24) 1,1-Dichloroethane	2.415	63	206	0.021	ppbv #	90
25) Ethyl Acetate	2.842	43	192	0.009	ppbv #	80
26) Hexane	2.836	57	57	0.006	ppbv #	1
27) Carbon Disulfide	2.153	76	467	0.043	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	142	0.025	ppbv #	84
29) Chloroform	2.852	83	435	0.025	ppbv #	49
30) Cyclohexane	3.855	84	79	0.010	ppbv #	1
31) cis-1,2-Dichloroethene	2.732	61	102	0.009	ppbv #	39
32) 1,1,1-Trichloroethane	3.373	97	563	0.030	ppbv #	63
34) 2-Butanone	2.570	43	746	0.055	ppbv	98
35) Carbon Tetrachloride	3.777	117	253	0.015	ppbv #	55
36) Benzene	3.667	78	650	0.037	ppbv #	85
37) 1,2-Dichloroethane	3.224	62	389	0.028	ppbv #	84
38) Trichloroethene	4.561	130	40	0.006	ppbv #	1
39) 1,2-Dichloropropane	3.965	63	53870	8.108	ppbv #	22
40) 1,4-Dioxane	4.502	88	37	0.012	ppbv #	100
41) Tetrahydrofuran	3.052	42	49	0.008	ppbv #	34
42) Bromodichloromethane	4.509	83	257	0.015	ppbv #	37
43) Methyl Methacrylate	4.868	69	30	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	4.648	57	344	0.012	ppbv #	19
45) t-1,3-Dichloropropene	6.431	75	66	0.008	ppbv #	70

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Quant Time: May 08 01:34:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

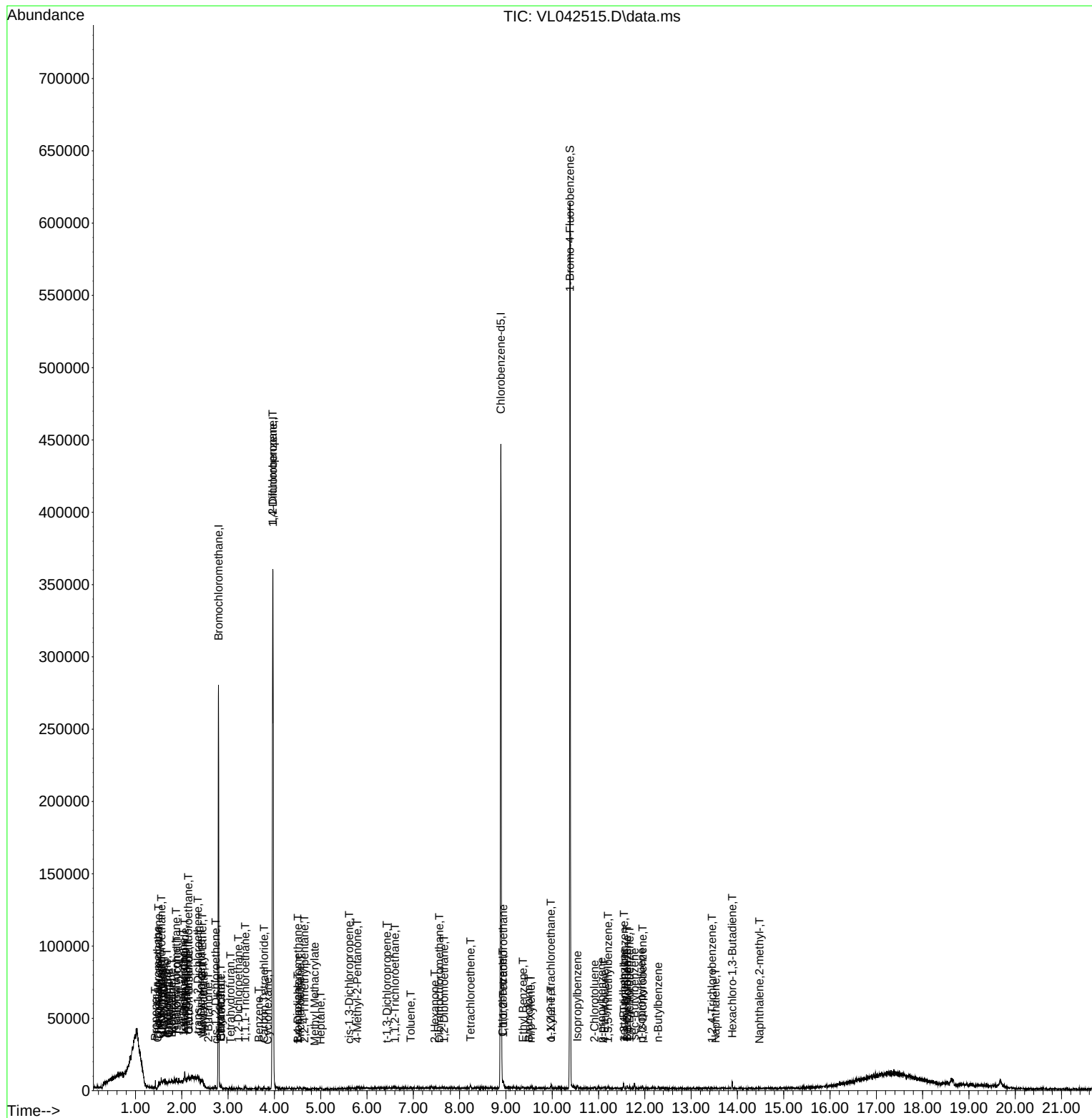
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.616	75	26	0.003	ppbv	#	45
47) 1,1,2-Trichloroethane	6.603	97	112	0.015	ppbv	#	30
48) Dibromochloromethane	7.561	129	39	0.003	ppbv		77
49) Bromoform	9.490	173	191	0.019	ppbv	#	48
50) 4-Methyl-2-Pentanone	5.791	43	278	0.016	ppbv	#	38
51) 2-Hexanone	7.464	43	213	0.015	ppbv	#	34
52) Tetrachloroethene	8.237	164	126	0.019	ppbv	#	1
53) Toluene	6.943	91	292	0.016	ppbv	#	40
54) 1,2-Dibromoethane	7.665	107	117	0.011	ppbv	#	28
56) 1,1,1,2-Tetrachloroethane	8.940	131	271	0.029	ppbv	#	10
57) Chlorobenzene	8.930	112	443	0.028	ppbv	#	20
58) Ethyl Benzene	9.367	91	504	0.019	ppbv	#	47
59) m/p-Xylene	9.539	91	203	0.009	ppbv	#	33
60) o-Xylene	9.972	91	279	0.012	ppbv	#	35
62) Isopropylbenzene	10.542	105	519	0.016	ppbv	#	81
63) 1,1,2,2-Tetrachloroethane	9.969	83	285	0.019	ppbv	#	25
64) n-propylbenzene	11.063	120	12	0.002	ppbv	#	1
65) tert-Butylbenzene	11.539	119	390	0.014	ppbv	#	33
66) Benzyl Chloride	11.620	91	86	0.026	ppbv	#	67
67) sec-Butylbenzene	11.778	105	173	0.004	ppbv	#	60
69) p-Isopropyltoluene	11.927	119	318	0.009	ppbv	#	47
70) n-Butylbenzene	12.286	91	228	0.006	ppbv	#	19
71) 2-Chlorotoluene	10.911	91	494	0.020	ppbv		79
72) 4-Ethyltoluene	11.134	105	337	0.013	ppbv	#	74
73) 1,3,5-Trimethylbenzene	11.205	105	88	0.004	ppbv	#	1
74) 1,2,4-Trimethylbenzene	11.552	105	330	0.012	ppbv	#	66
75) 1,3-Dichlorobenzene	11.617	146	134	0.009	ppbv	#	3
76) 1,4-Dichlorobenzene	11.668	146	72	0.005	ppbv	#	1
77) 1,2-Dichlorobenzene	11.953	146	118	0.008	ppbv	#	1
78) Hexachloro-1,3-Butadiene	13.889	225	486	0.032	ppbv	#	48
79) Naphthalene	13.526	128	100	0.004	ppbv	#	63
80) Naphthalene,2-methyl-	14.474	142	46	0.003	ppbv	#	55
81) 1,2,4-Trichlorobenzene	13.452	180	132	0.010	ppbv	#	71

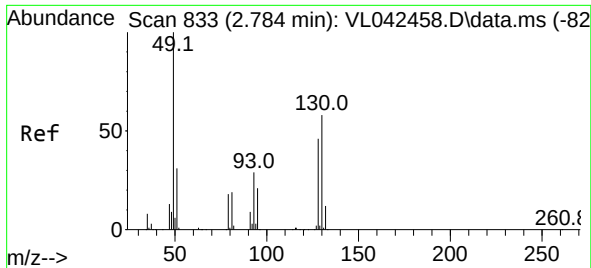
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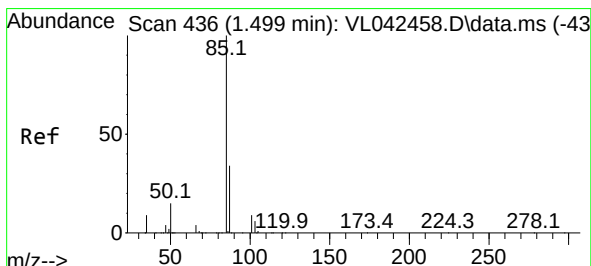
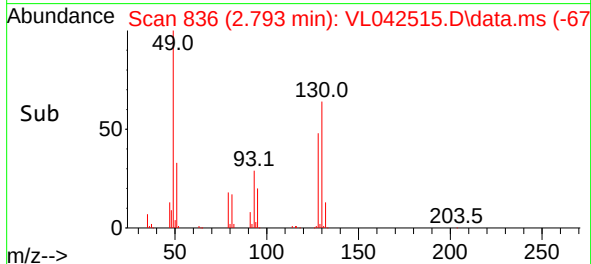
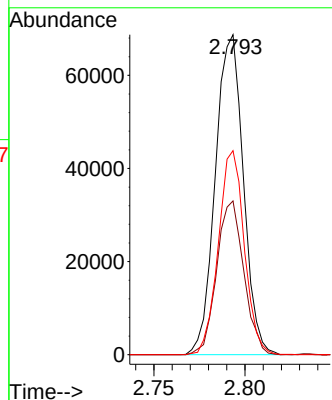
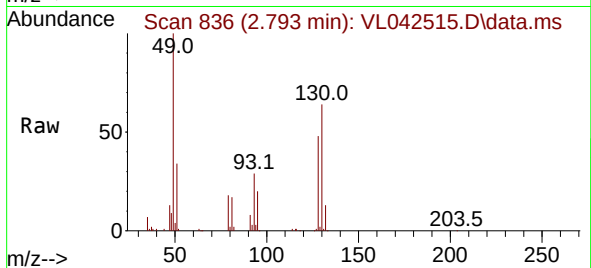




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

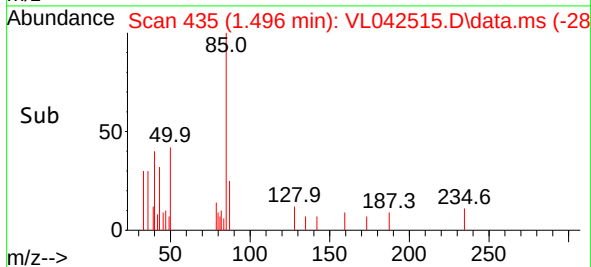
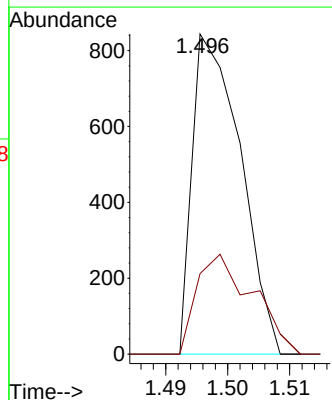
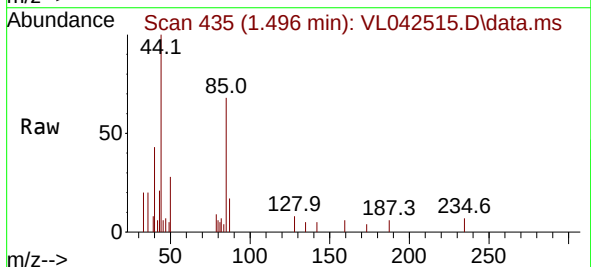
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.03

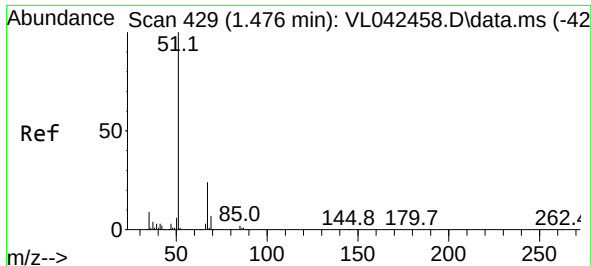
Tgt Ion: 49 Resp: 73482
Ion Ratio Lower Upper
49 100
128 46.5 23.3 69.9
130 59.1 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 85 Resp: 456
Ion Ratio Lower Upper
85 100
87 25.1 26.9 40.3#

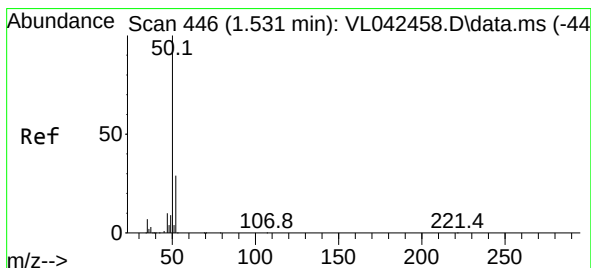
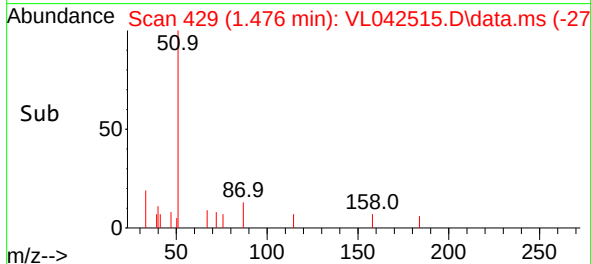
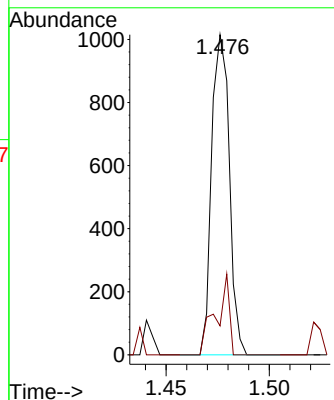
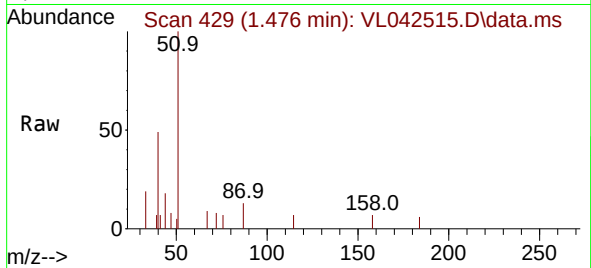




#3
Chlorodifluoromethane
Concen: 0.047 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

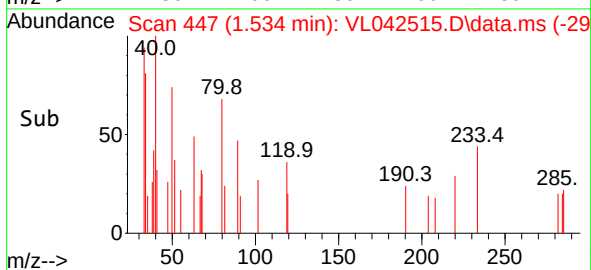
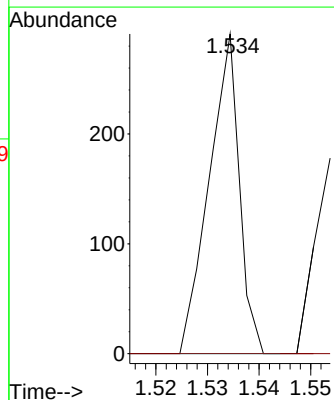
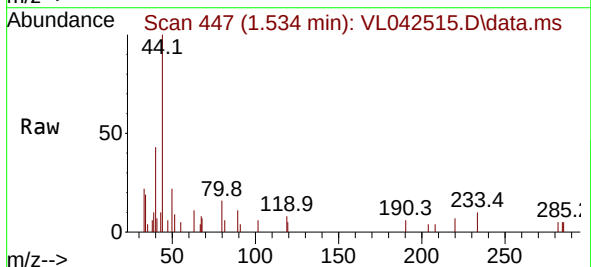
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

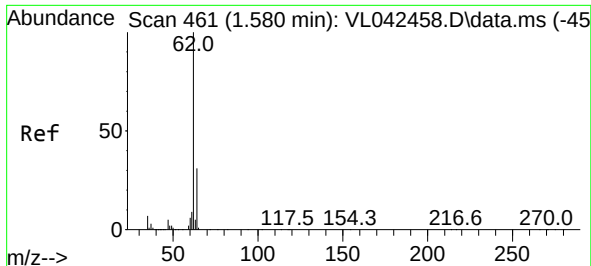
Tgt Ion: 51 Resp: 603
Ion Ratio Lower Upper
51 100
67 19.2 18.4 27.6



#4
Chloromethane
Concen: 0.023 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 50 Resp: 118
Ion Ratio Lower Upper
50 100
52 0.0 23.5 35.3#

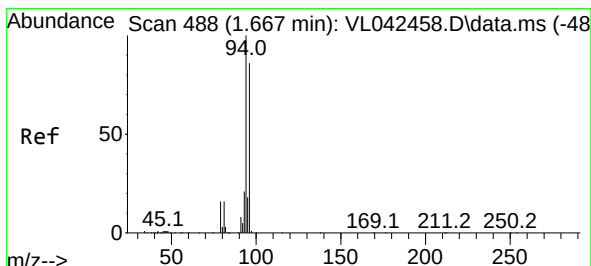
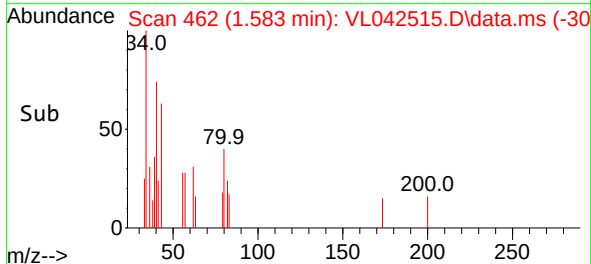
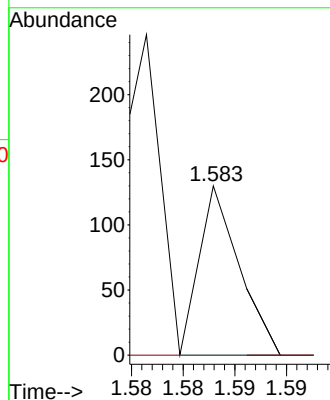
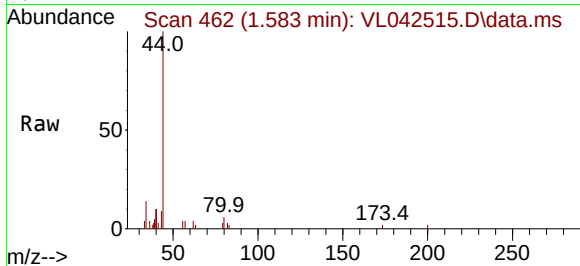




#5
 Vinyl Chloride
 Concen: 0.007 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

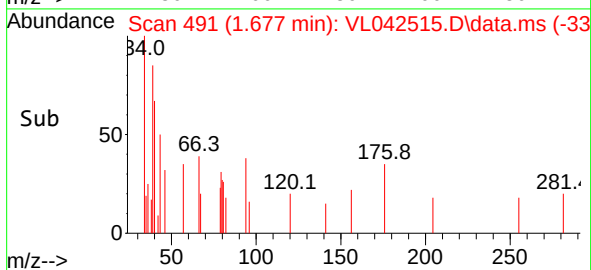
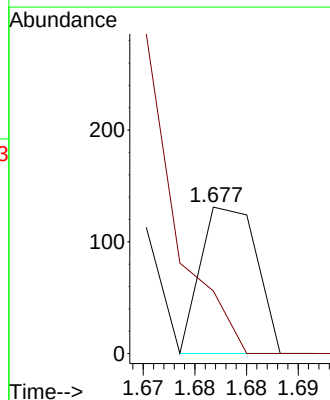
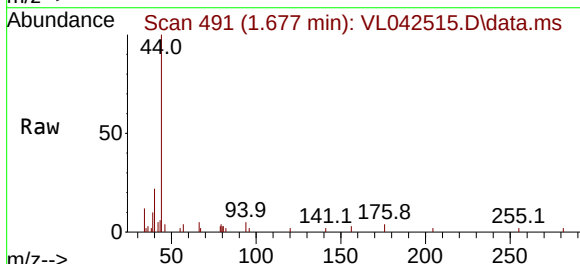
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

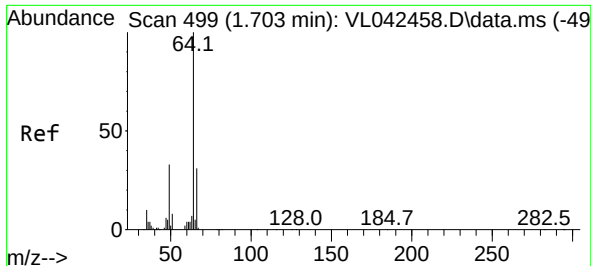
Tgt Ion: 62 Resp: 35
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.9 37.3#



#6
 Bromomethane
 Concen: 0.020 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.010 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

Tgt Ion: 94 Resp: 49
 Ion Ratio Lower Upper
 94 100
 96 42.7 68.8 103.2#

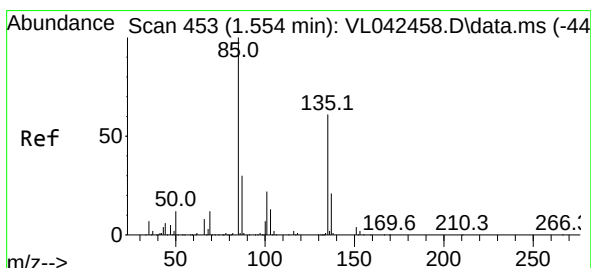
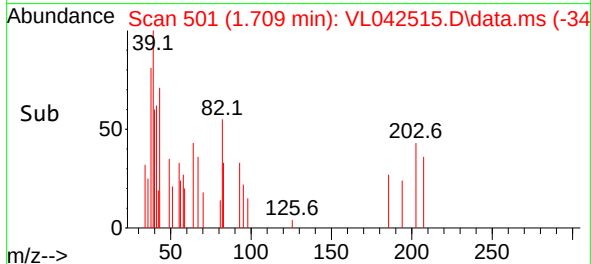
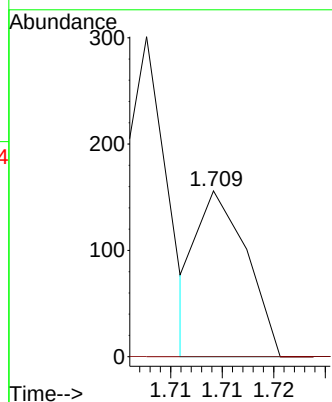
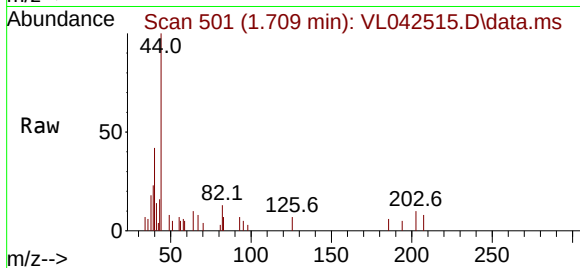




#7
Chloroethane
Concen: 0.026 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

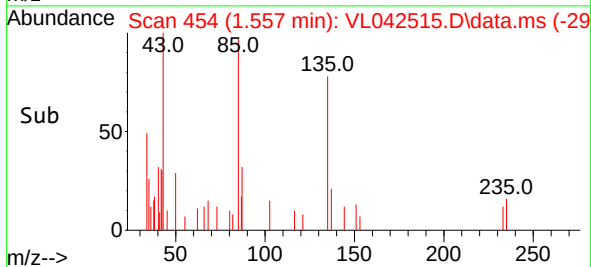
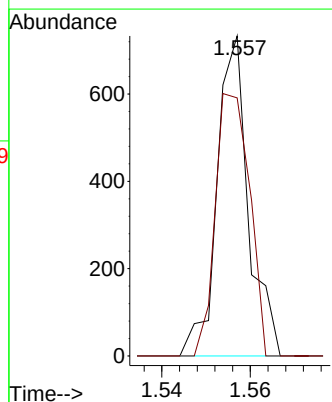
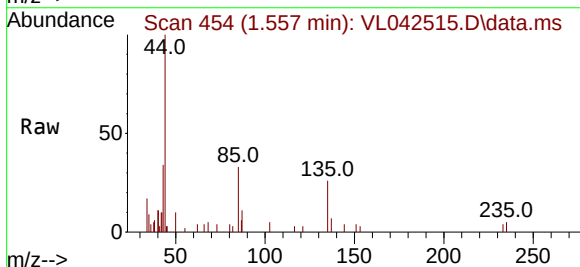
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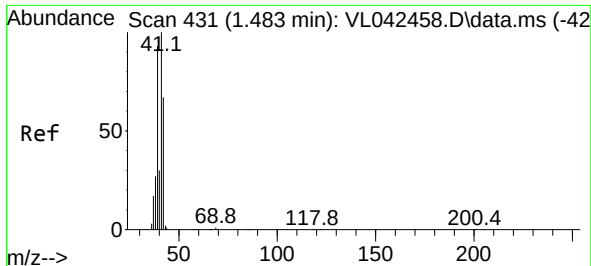
Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.036 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 85 Resp: 360
Ion Ratio Lower Upper
85 100
135 89.7 49.8 74.8#





#9

Propene

Concen: 0.010 ppbv

RT: 1.424 min Scan# 41

Delta R.T. -0.058 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

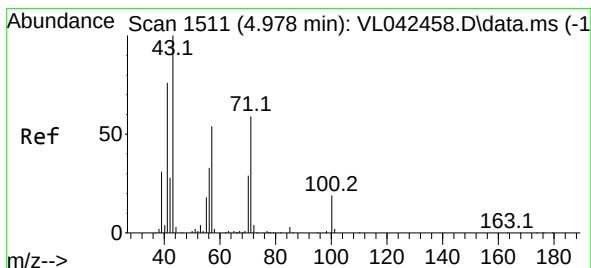
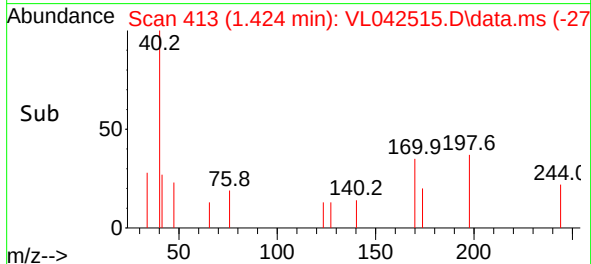
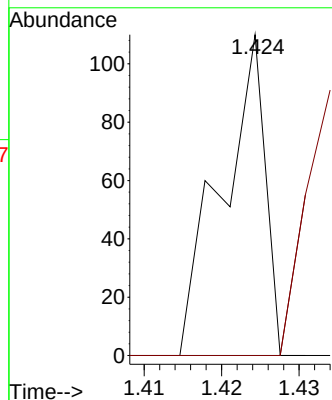
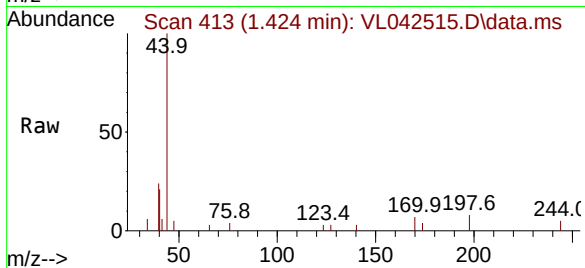
MDL1 0.03

Tgt Ion: 41 Resp: 43

Ion Ratio Lower Upper

41 100

42 67.4 54.3 81.5



#10

Heptane

Concen: 0.010 ppbv

RT: 4.998 min Scan# 1517

Delta R.T. 0.019 min

Lab File: VL042515.D

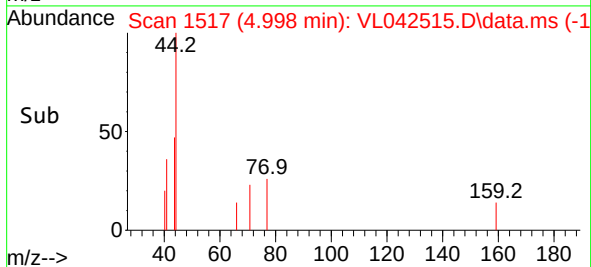
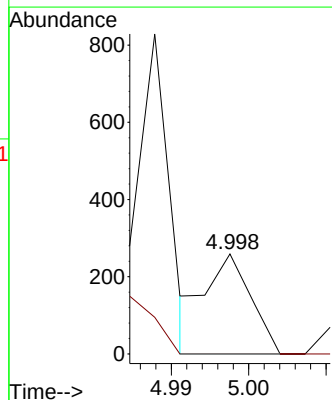
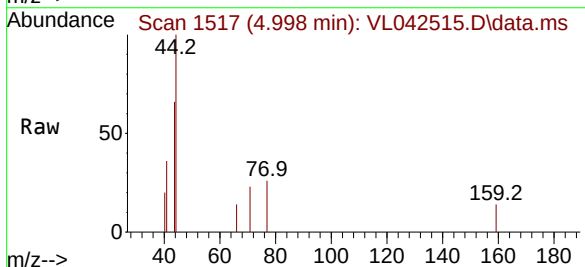
Acq: 07 May 2025 13:17

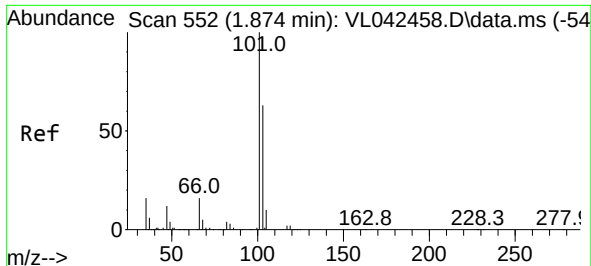
Tgt Ion: 43 Resp: 105

Ion Ratio Lower Upper

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57 0.0 41.8 62.8#

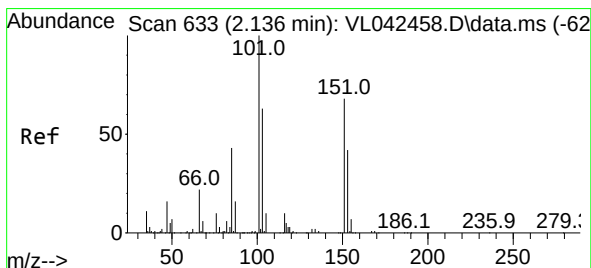
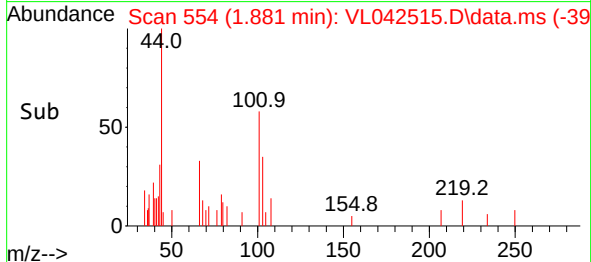
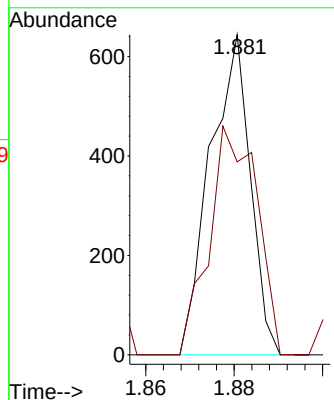
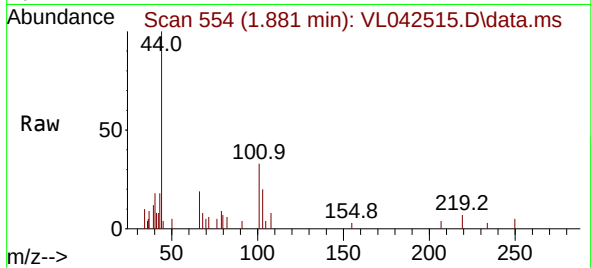




#11
 Trichlorofluoromethane
 Concen: 0.036 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

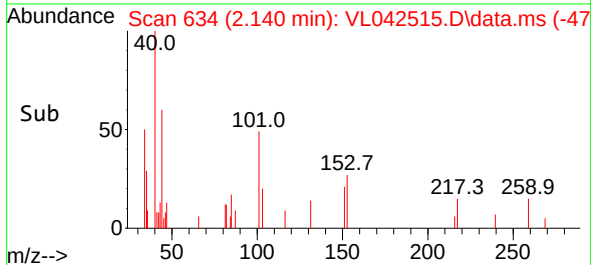
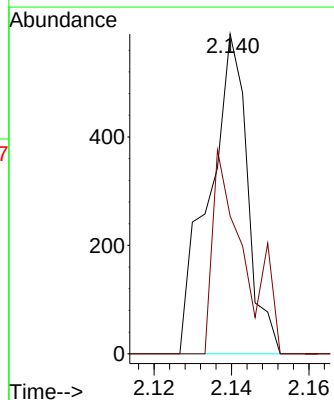
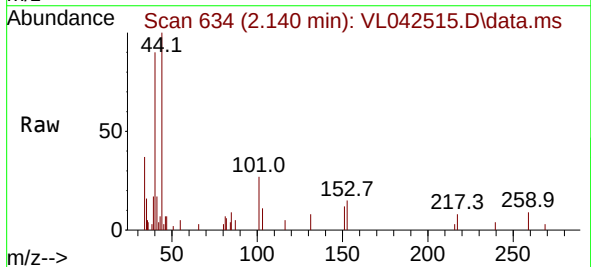
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

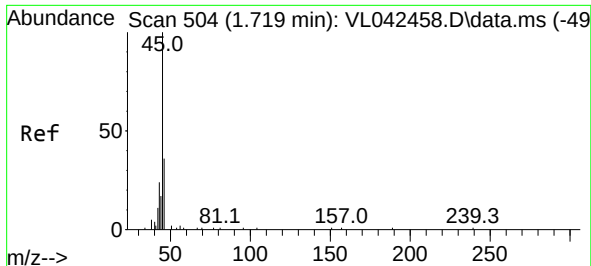
Tgt Ion:101 Resp: 405
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.045 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

Tgt Ion:101 Resp: 405
 Ion Ratio Lower Upper
 101 100
 151 52.8 54.6 82.0#

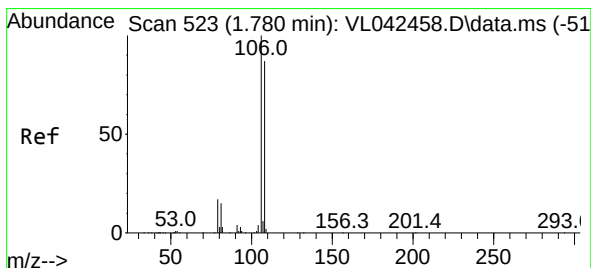
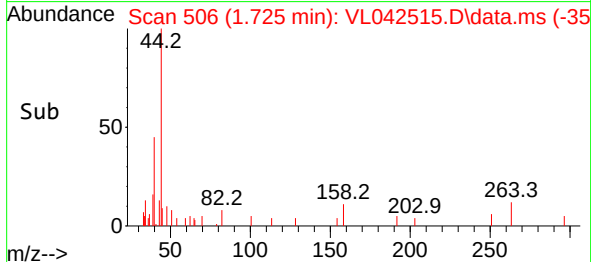
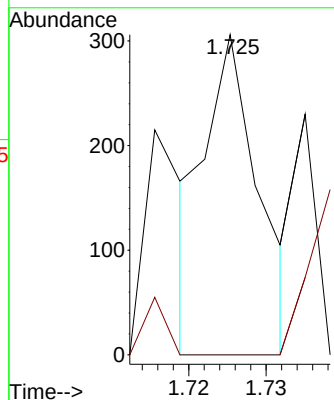
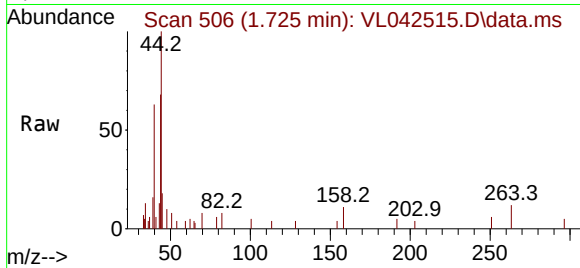




#13
Ethanol
Concen: 0.173 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

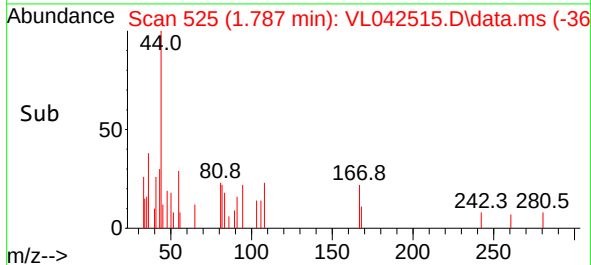
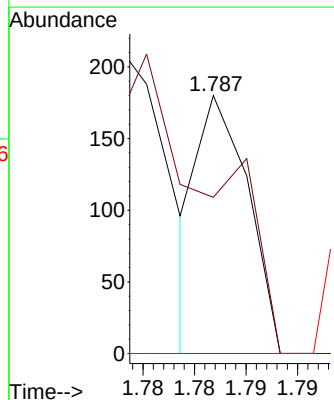
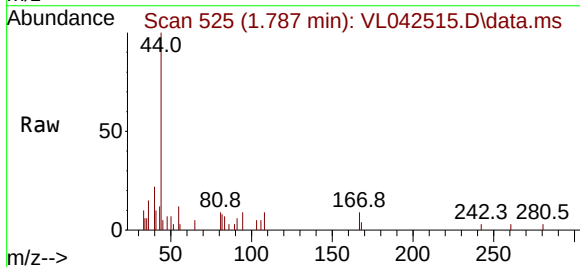
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

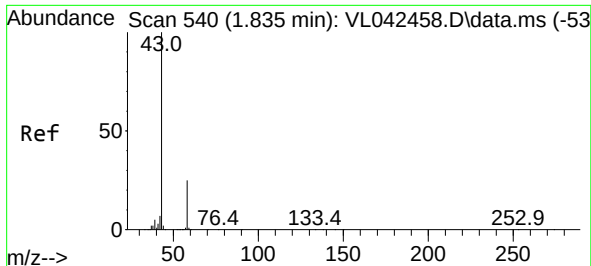
Tgt Ion: 45 Resp: 148
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#14
Bromoethene
Concen: 0.018 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 108 Resp: 59
Ion Ratio Lower Upper
108 100
106 0.0 88.8 133.2#
79 0.0 17.1 25.7#

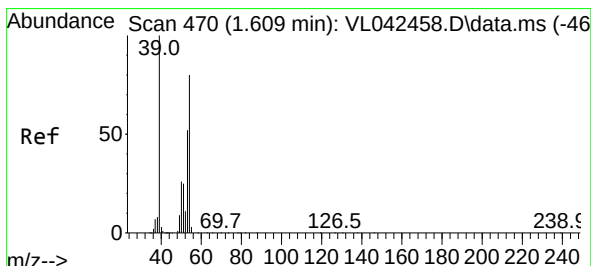
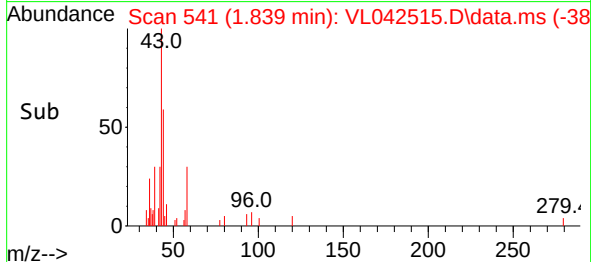
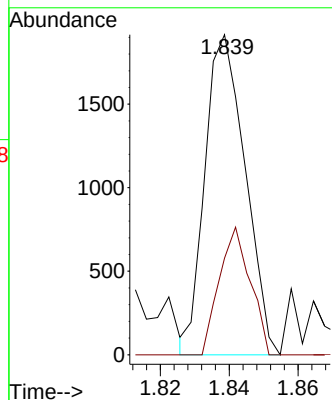
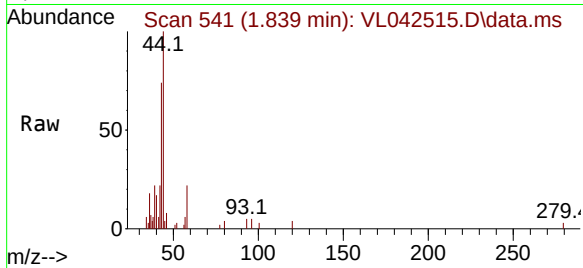




#15
Acetone
Concen: 0.116 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

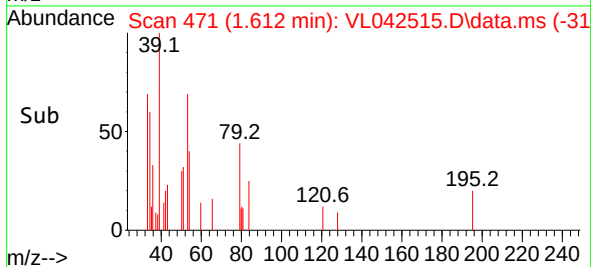
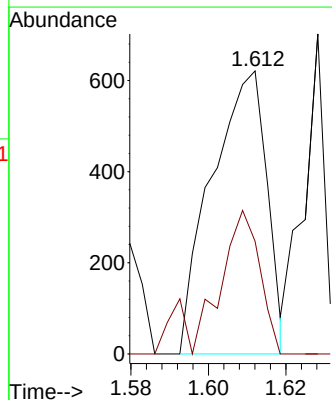
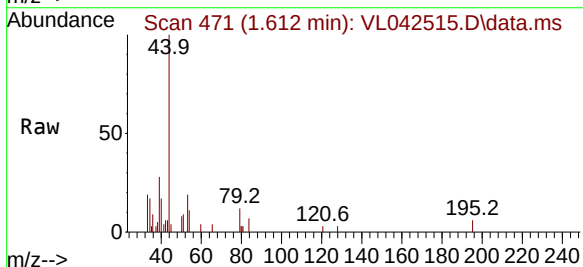
Instrument : MSVOA_L
ClientSampleId : MDL1 0.03

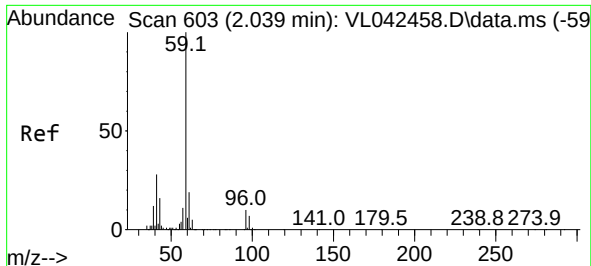
Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
58 30.7 19.8 29.8#



#16
1,3-Butadiene
Concen: 0.104 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 39 Resp: 615
Ion Ratio Lower Upper
39 100
54 48.8 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.039 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.010 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

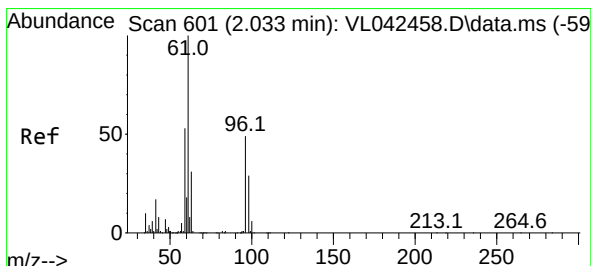
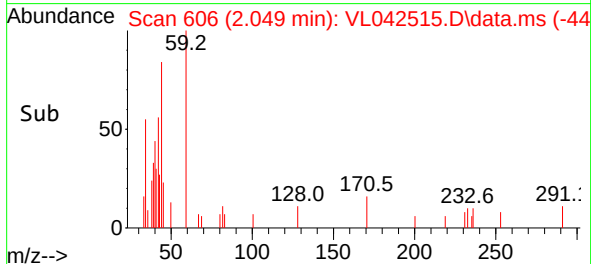
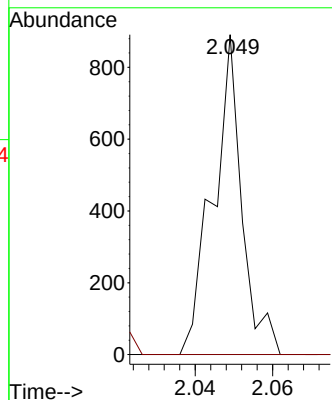
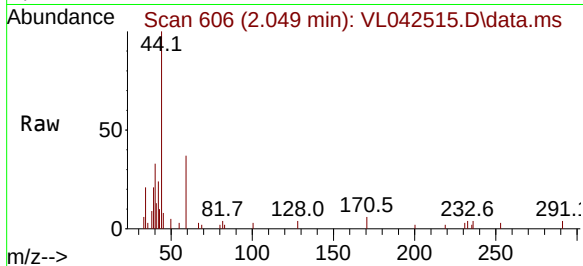
MDL1 0.03

Tgt Ion: 59 Resp: 461

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.043 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

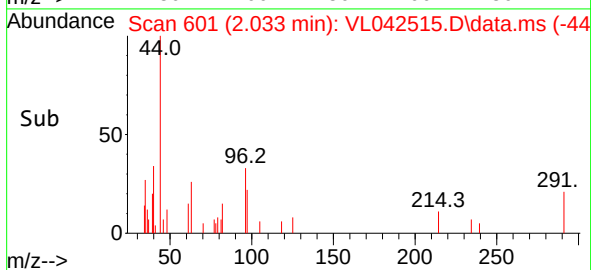
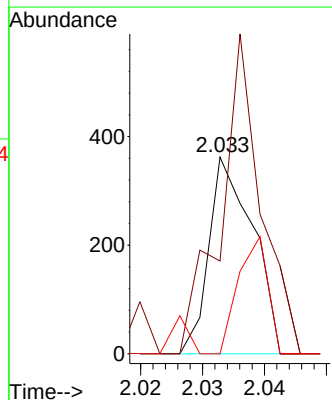
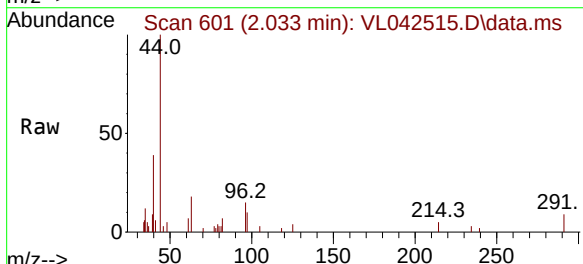
Tgt Ion: 96 Resp: 178

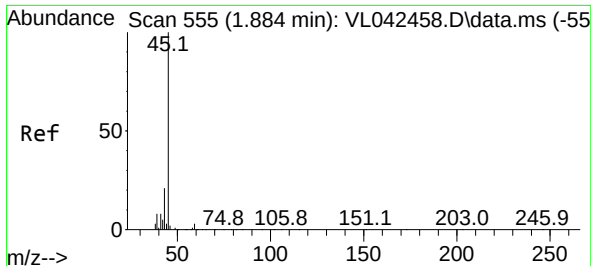
Ion Ratio Lower Upper

96 100

61 47.2 164.9 247.3#

98 0.0 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.093 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

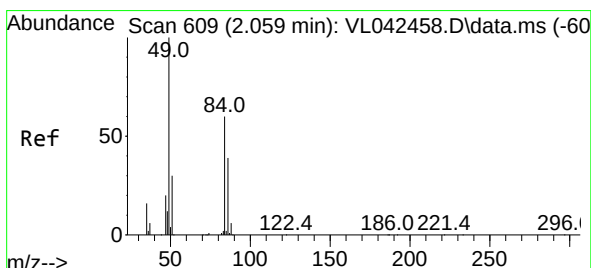
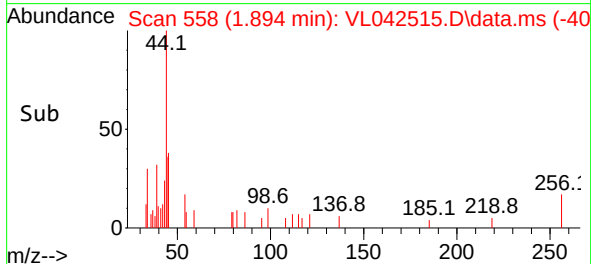
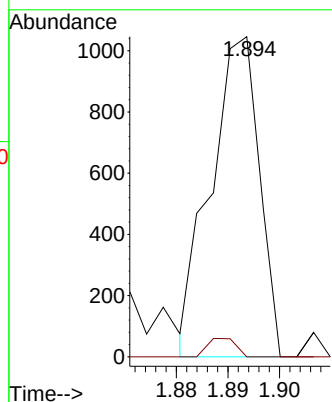
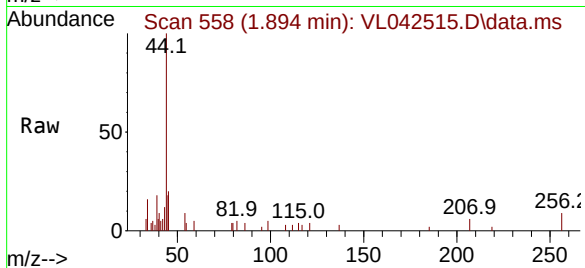
MDL1 0.03

Tgt Ion: 45 Resp: 687

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#



#20

Methylene Chloride

Concen: 0.214 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.007 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Tgt Ion: 84 Resp: 864

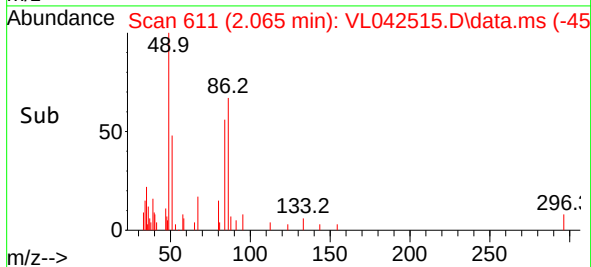
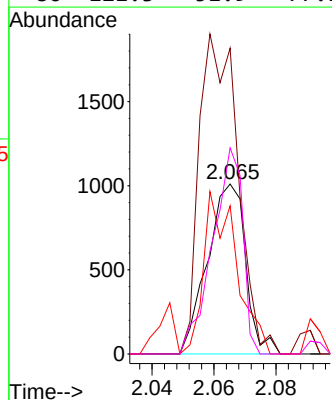
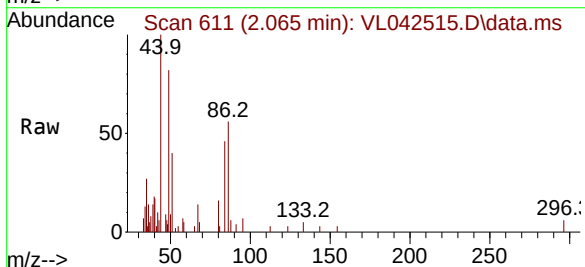
Ion Ratio Lower Upper

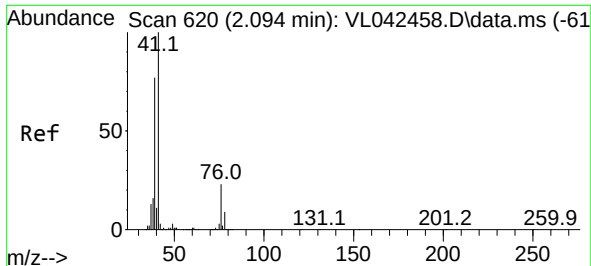
84 100

49 179.9 133.9 200.9

51 87.2 41.0 61.6#

86 121.3 51.9 77.9#





#21

Allyl Chloride

Concen: 0.052 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

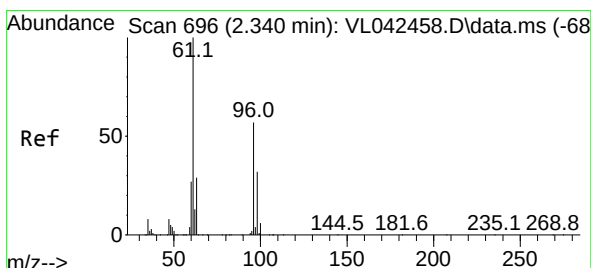
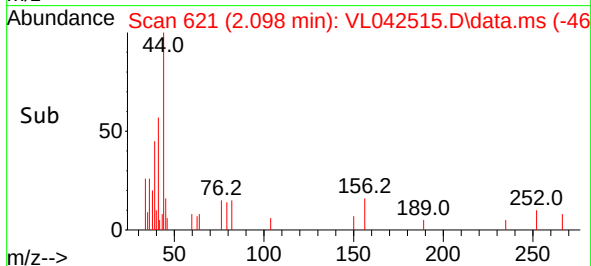
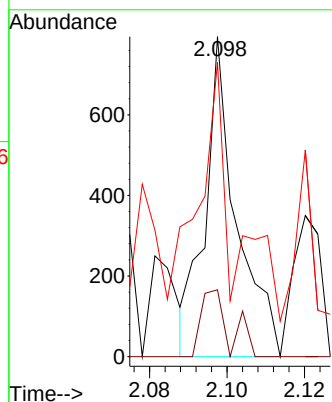
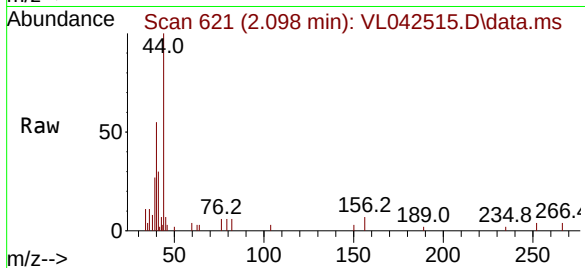
Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

Tgt Ion: 41	Resp: 446
Ion Ratio	Lower Upper
41	100
76	19.1 19.6 29.4#
39	177.4 61.0 91.4#



#22

trans-1,2-Dichloroethene

Concen: 0.047 ppbv

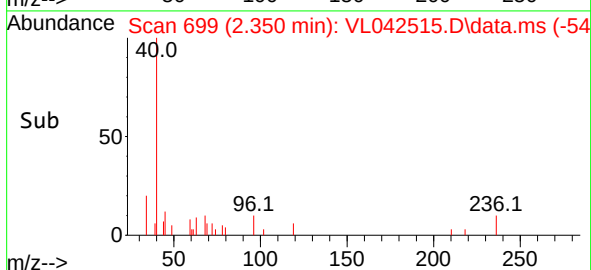
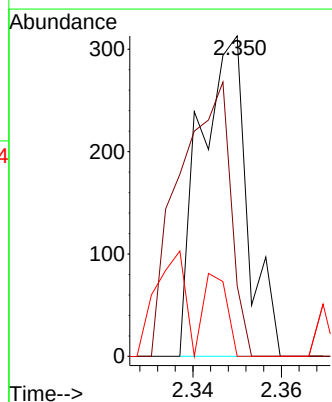
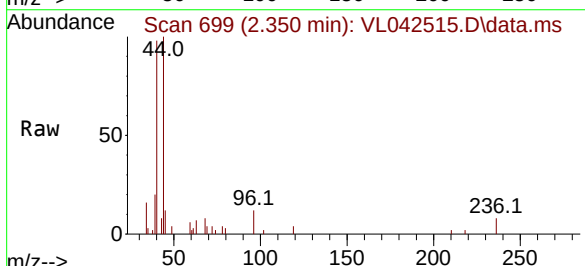
RT: 2.350 min Scan# 699

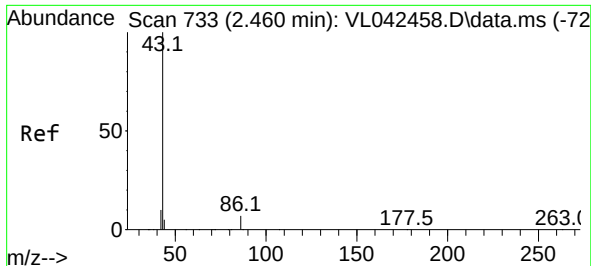
Delta R.T. 0.010 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Tgt Ion: 96	Resp: 232
Ion Ratio	Lower Upper
96	100
61	22.0 141.8 212.6#
98	0.0 45.0 67.6#

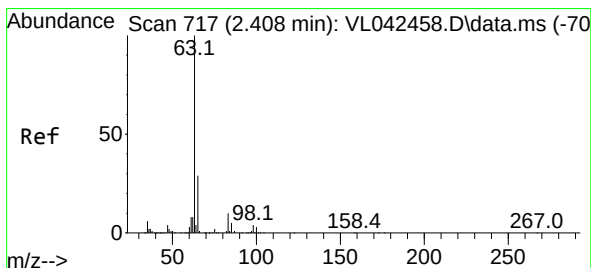
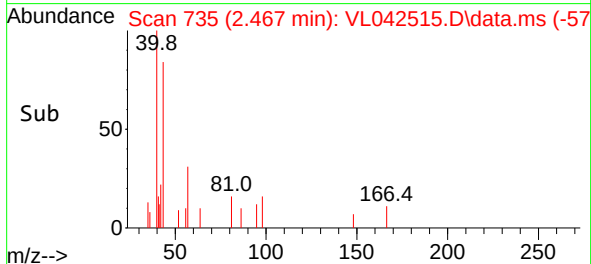
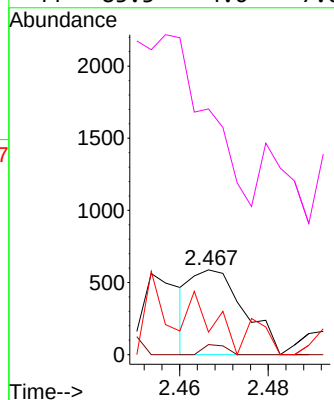
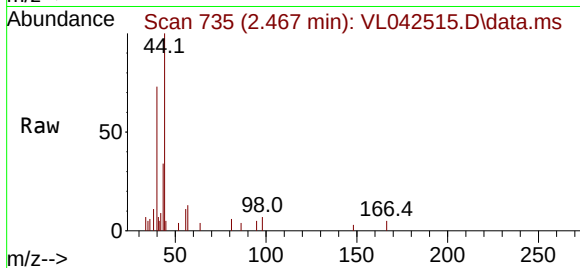




#23
 Vinyl Acetate
 Concen: 0.038 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

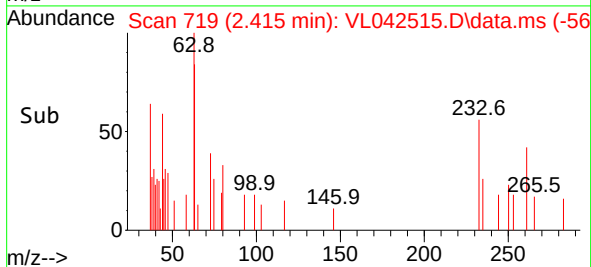
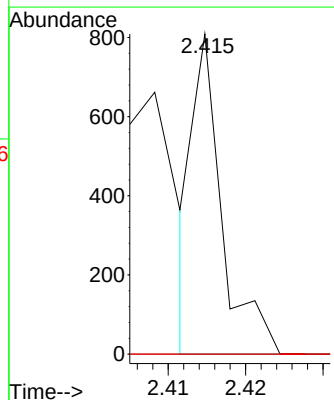
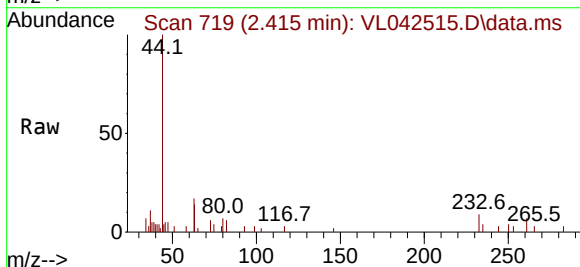
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.03

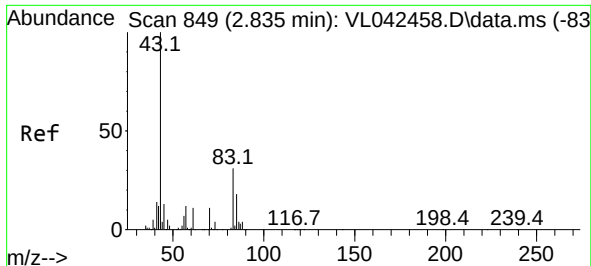
Tgt Ion:	43	Resp:	490
Ion	Ratio	Lower	Upper
43	100		
86	11.9	5.5	8.3#
42	26.6	8.3	12.5#
44	83.3	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.021 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

Tgt Ion:	63	Resp:	206
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.009 ppbv

RT: 2.842 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

Tgt Ion: 43 Resp: 192

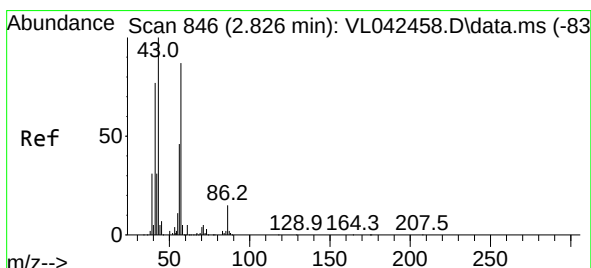
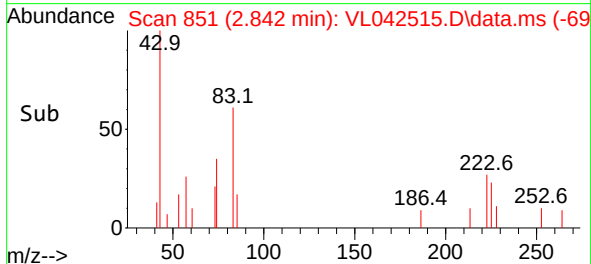
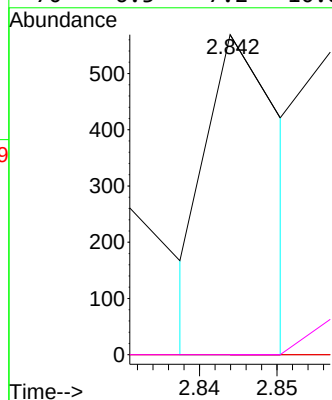
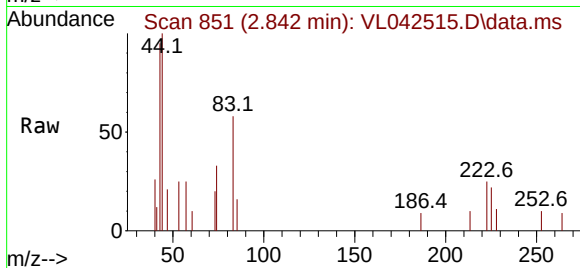
Ion Ratio Lower Upper

43 100

45 0.0 7.8 11.6#

61 0.0 7.2 10.8#

70 6.3 7.2 10.8#



#26

Hexane

Concen: 0.006 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.010 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Tgt Ion: 57 Resp: 57

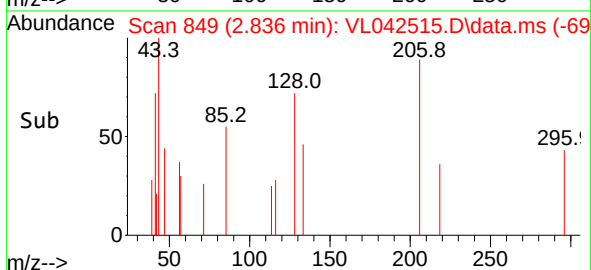
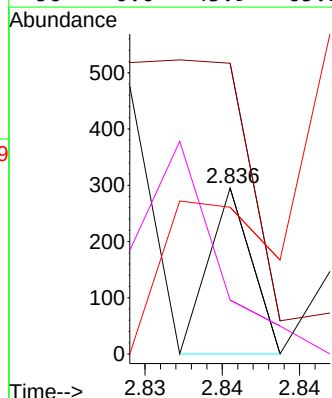
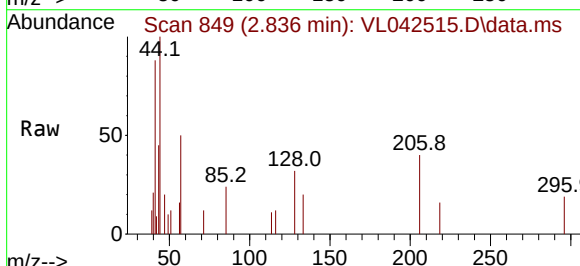
Ion Ratio Lower Upper

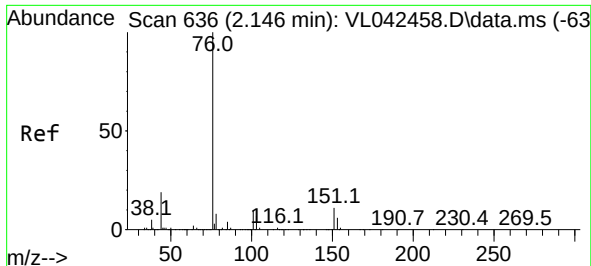
57 100

41 0.0 77.8 116.8#

43 0.0 187.0 280.6#

56 0.0 43.9 65.9#





#27

Carbon Disulfide

Concen: 0.043 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

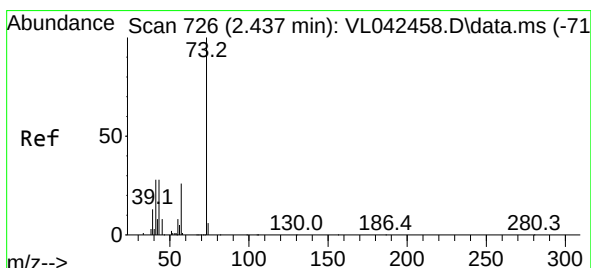
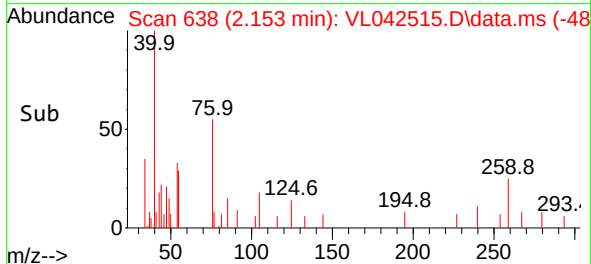
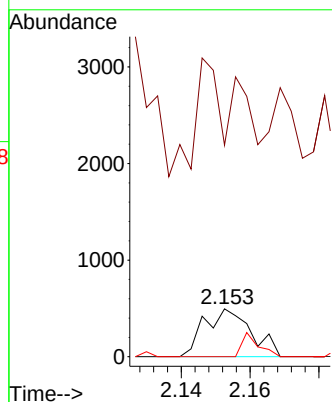
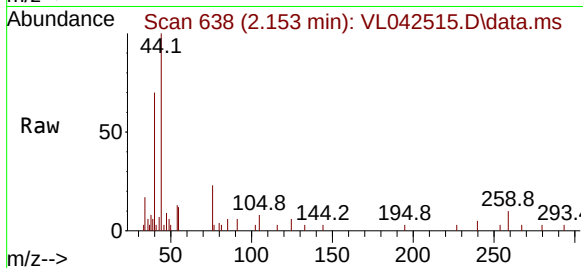
Tgt Ion: 76 Resp: 467

Ion Ratio Lower Upper

76 100

44 1115.4 21.0 31.6#

78 17.8 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.025 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.007 min

Lab File: VL042515.D

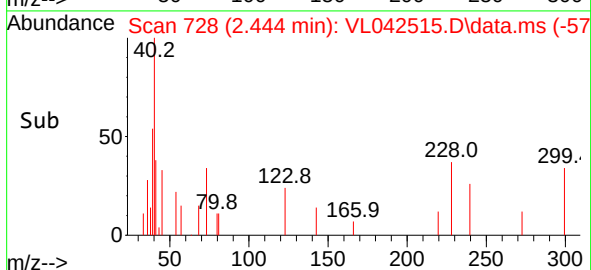
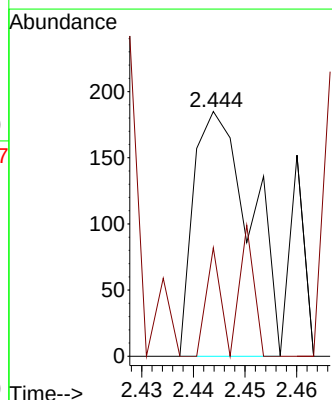
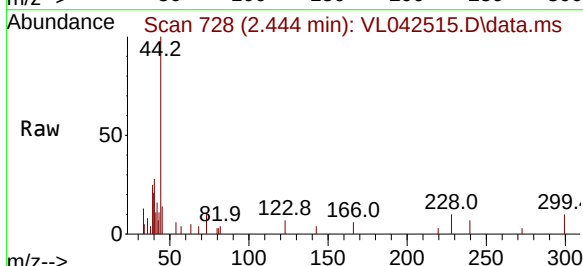
Acq: 07 May 2025 13:17

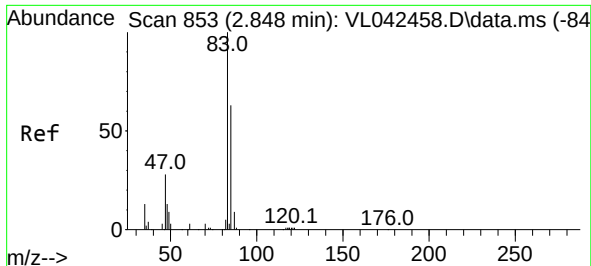
Tgt Ion: 73 Resp: 142

Ion Ratio Lower Upper

73 100

57 33.1 19.9 29.9#





#29

Chloroform

Concen: 0.025 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.003 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

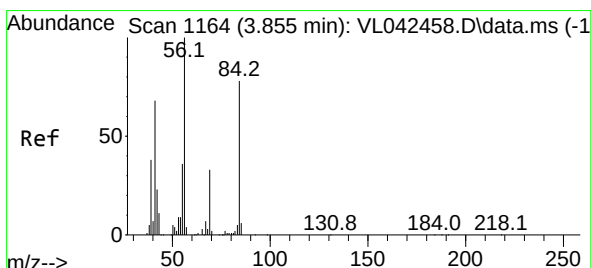
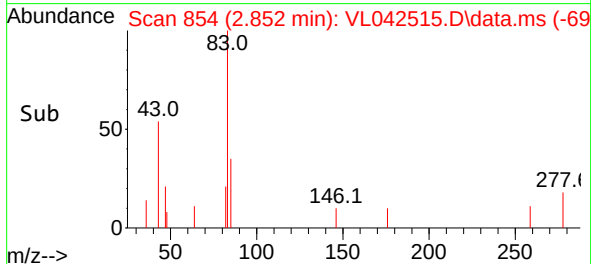
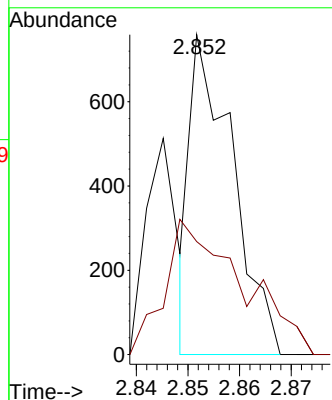
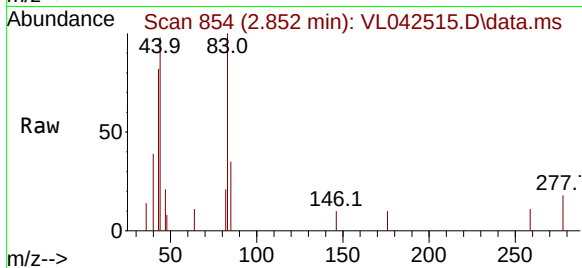
MDL1 0.03

Tgt Ion: 83 Resp: 435

Ion Ratio Lower Upper

83 100

85 23.2 50.4 75.6#



#30

Cyclohexane

Concen: 0.010 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

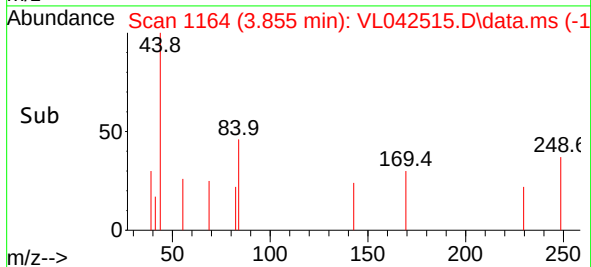
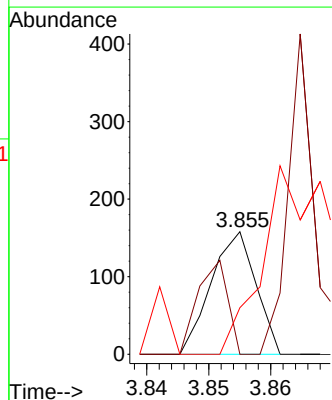
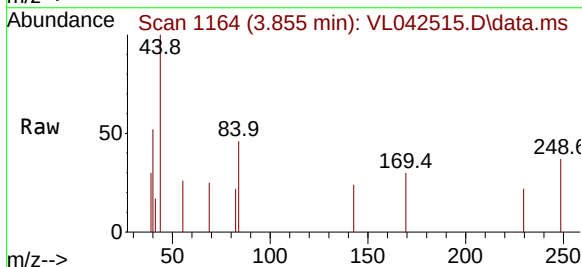
Tgt Ion: 84 Resp: 79

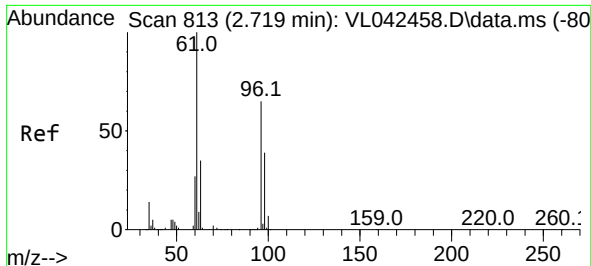
Ion Ratio Lower Upper

84 100

56 262.0 98.1 147.1#

41 277.2 65.8 98.8#

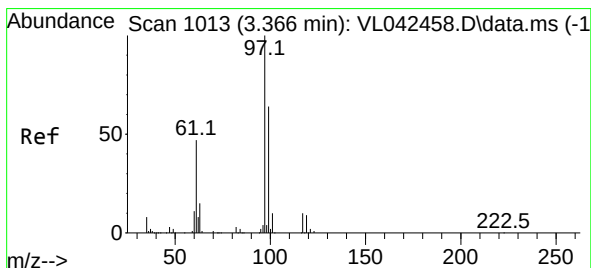
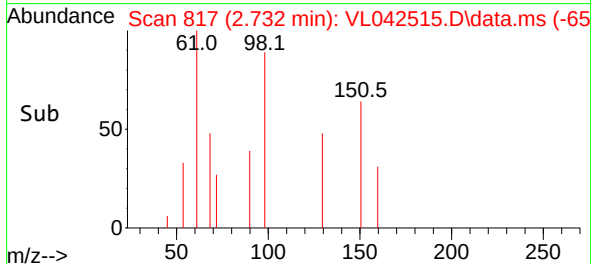
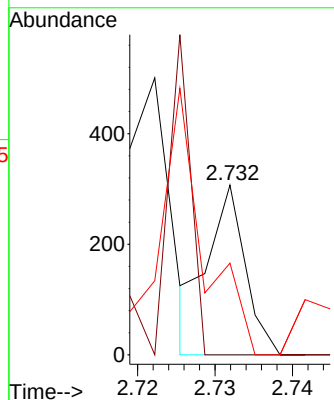
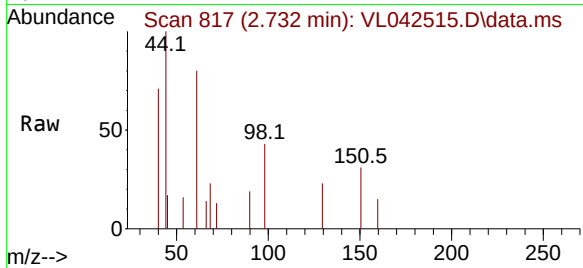




#31
 cis-1,2-Dichloroethene
 Concen: 0.009 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

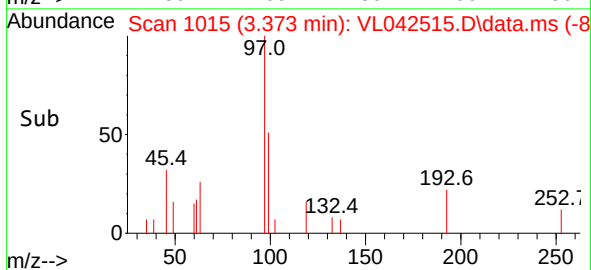
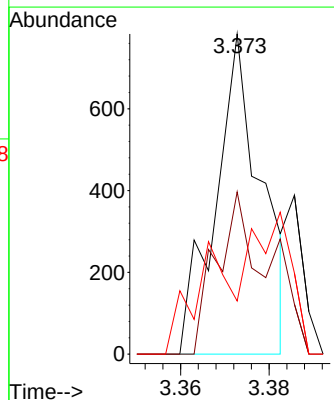
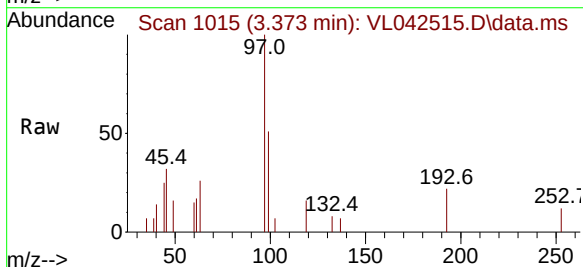
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL1 0.03

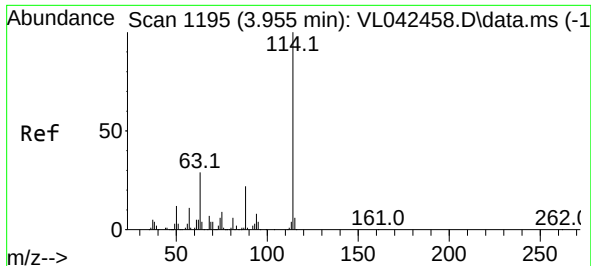
Tgt Ion: 61 Resp: 102
 Ion Ratio Lower Upper
 61 100
 96 0.0 52.0 78.0#
 98 54.1 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.030 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.007 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

Tgt Ion: 97 Resp: 563
 Ion Ratio Lower Upper
 97 100
 99 57.2 50.7 76.1
 61 0.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

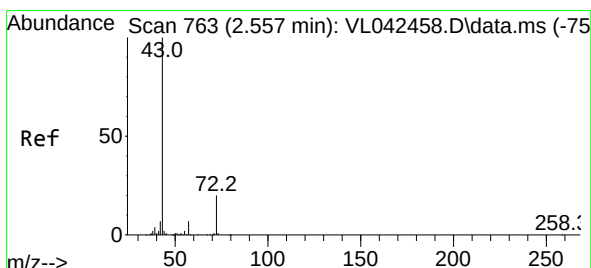
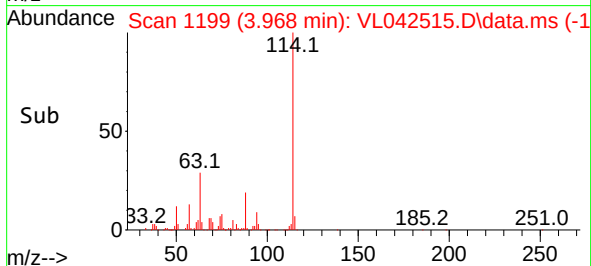
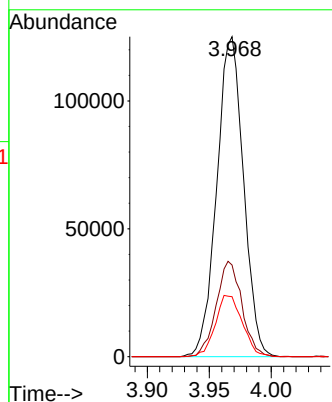
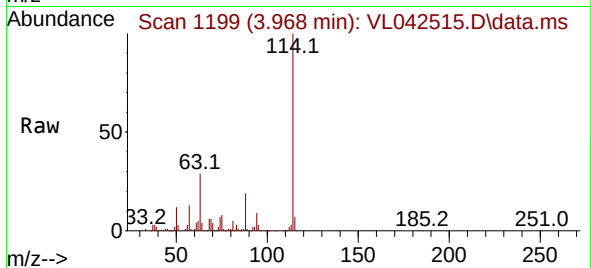
Tgt Ion:114 Resp: 188073

Ion Ratio Lower Upper

114 100

63 28.7 23.1 34.7

88 19.4 16.1 24.1



#34

2-Butanone

Concen: 0.055 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.013 min

Lab File: VL042515.D

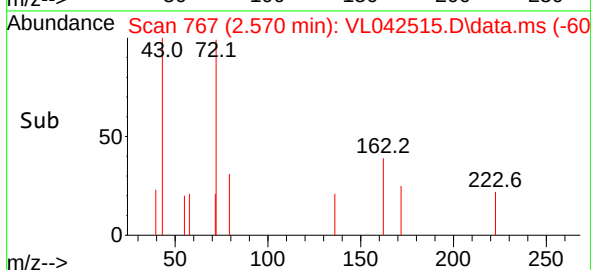
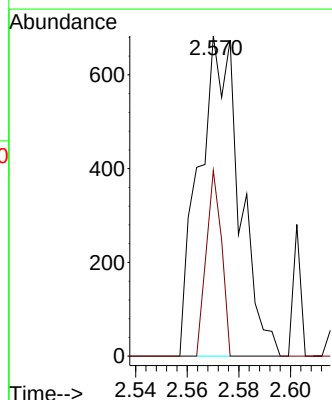
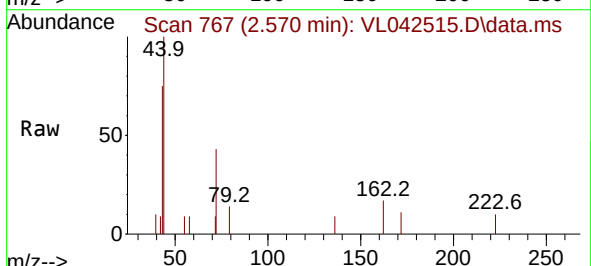
Acq: 07 May 2025 13:17

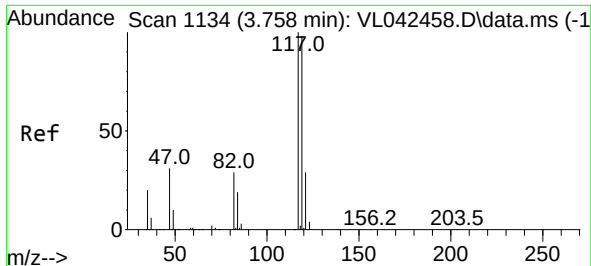
Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

72 21.8 16.7 25.1

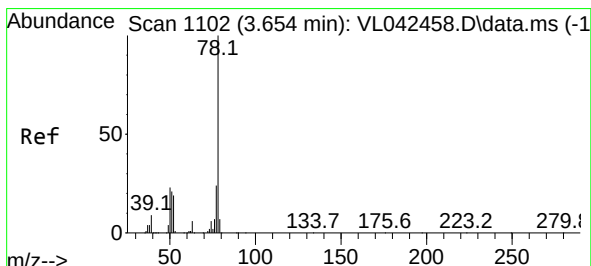
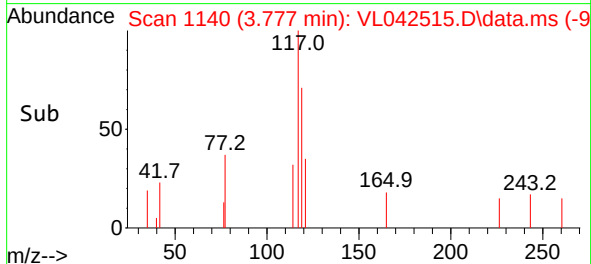
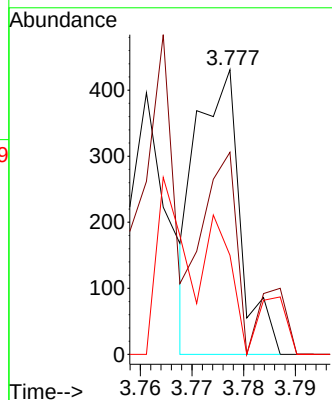
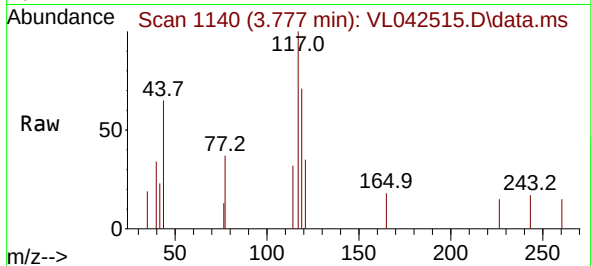




#35
Carbon Tetrachloride
Concen: 0.015 ppbv
RT: 3.777 min Scan# 1134
Delta R.T. 0.019 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

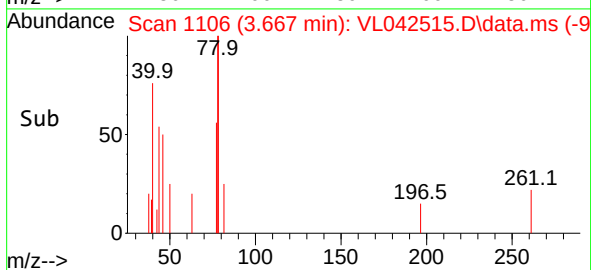
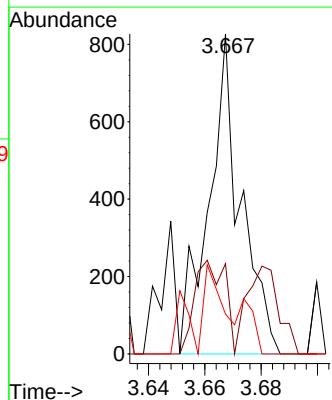
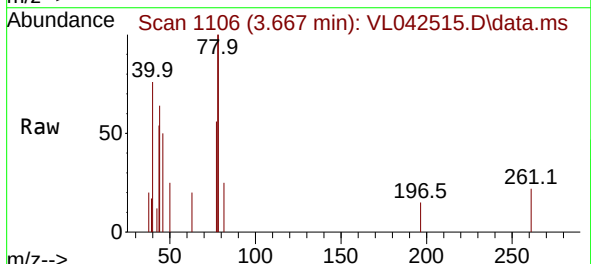
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

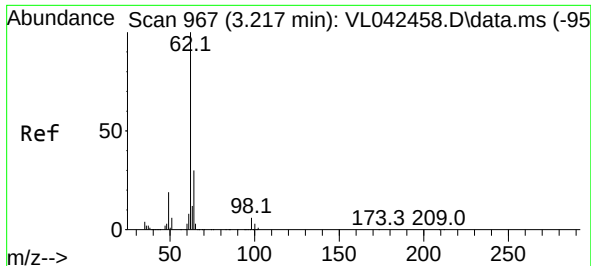
Tgt Ion:117 Resp: 253
Ion Ratio Lower Upper
117 100
119 47.8 78.1 117.1#
121 14.6 23.0 34.6#



#36
Benzene
Concen: 0.037 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 78 Resp: 650
Ion Ratio Lower Upper
78 100
77 28.2 18.9 28.3
50 12.5 18.4 27.6#

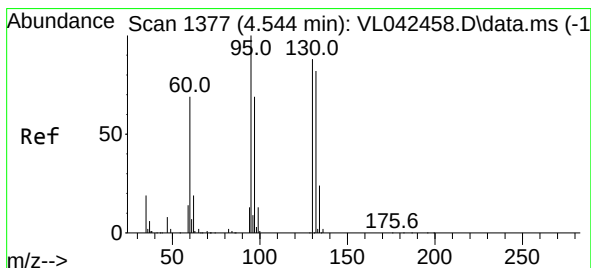
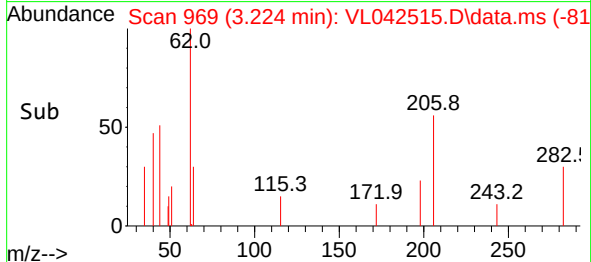
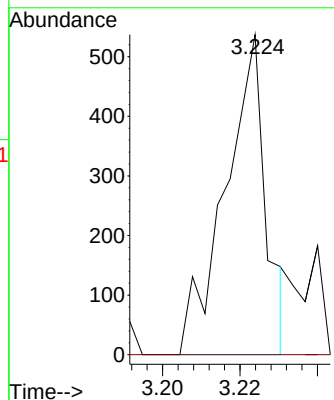
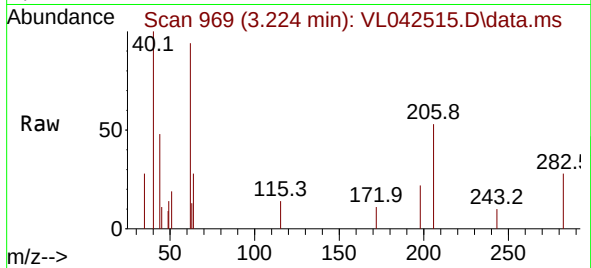




#37
1,2-Dichloroethane
Concen: 0.028 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

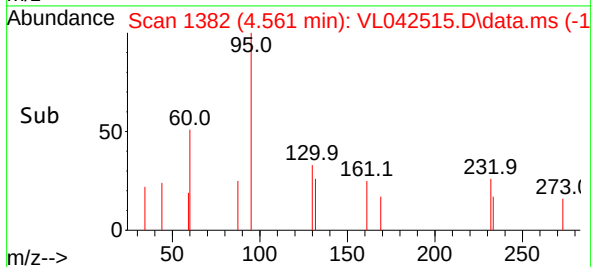
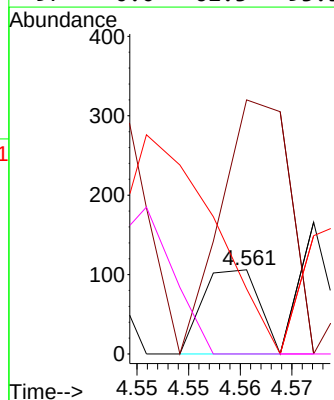
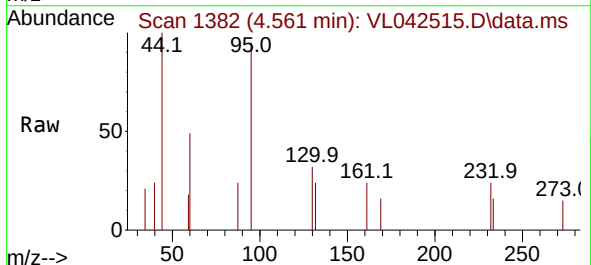
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

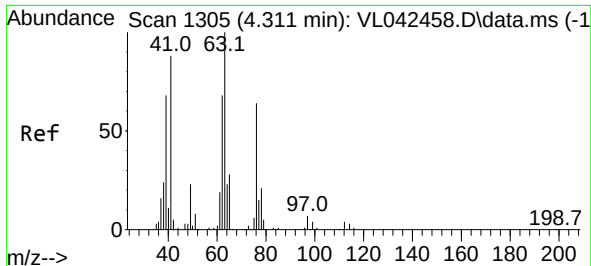
Tgt Ion: 62 Resp: 389
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.006 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.016 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:130 Resp: 40
Ion Ratio Lower Upper
130 100
95 301.9 91.0 136.4#
132 77.4 74.2 111.4
97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.108 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.346 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

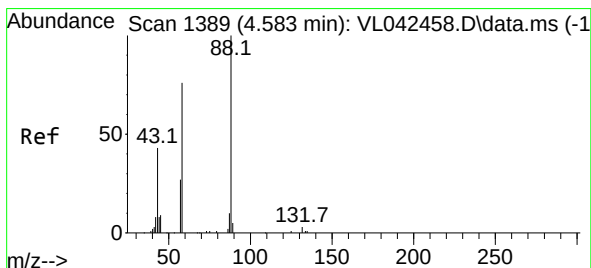
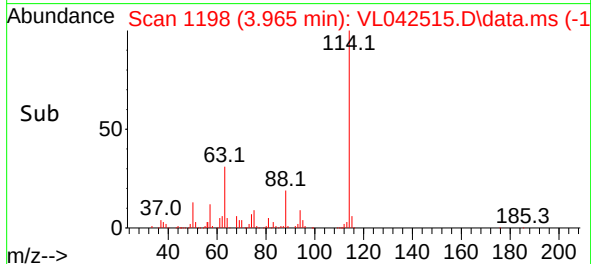
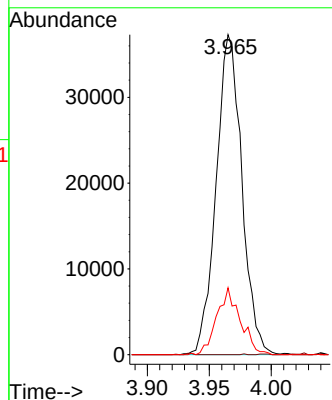
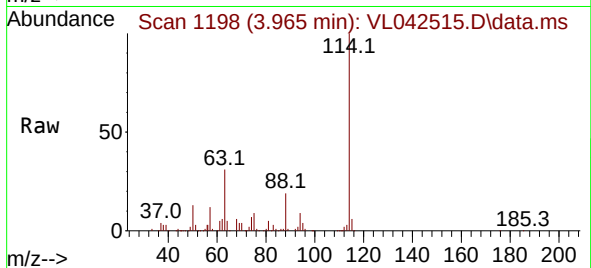
Tgt Ion: 63 Resp: 53870

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 20.9 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.012 ppbv

RT: 4.502 min Scan# 1364

Delta R.T. -0.081 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Tgt Ion: 88 Resp: 37

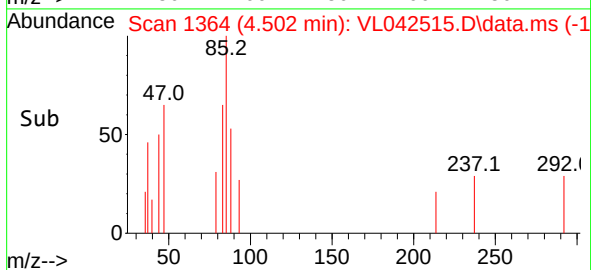
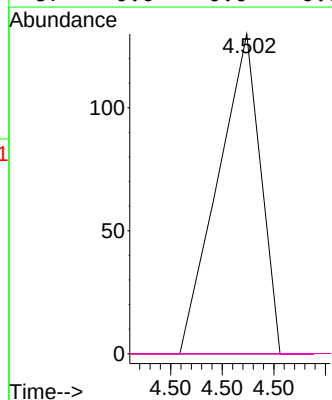
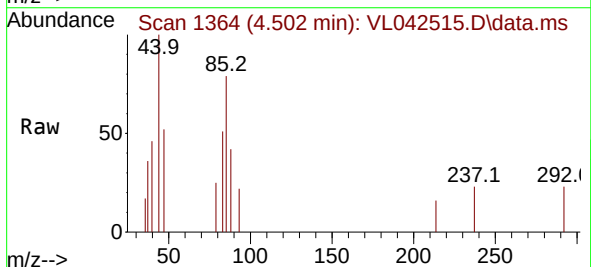
Ion Ratio Lower Upper

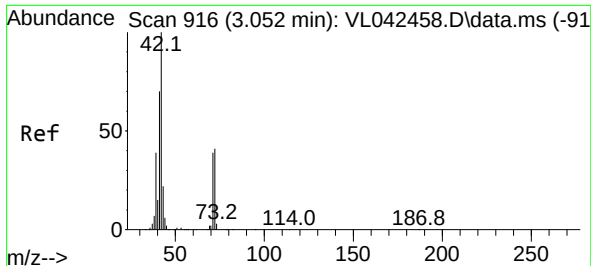
88 100

58 0.0 0.0 0.0

43 124.3 0.0 0.0#

57 0.0 0.0 0.0

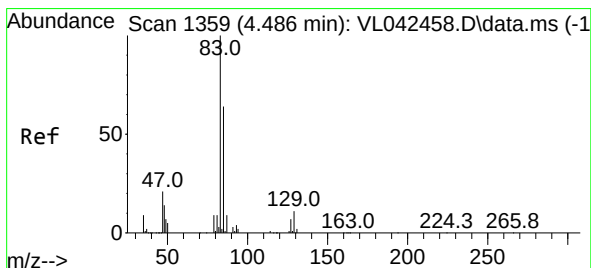
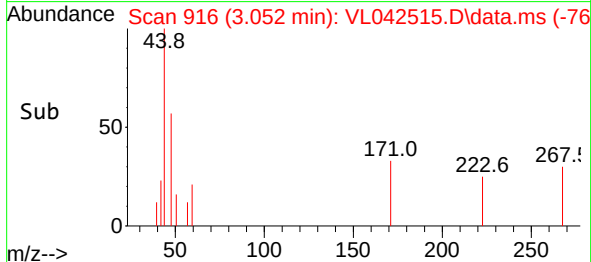
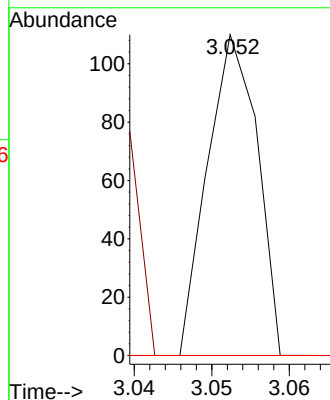
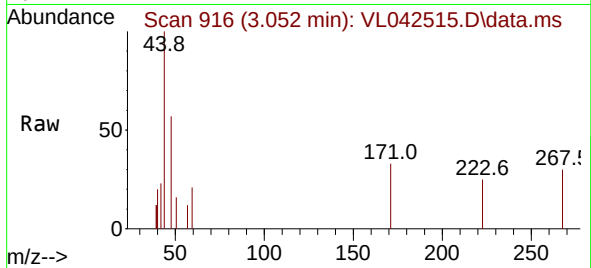




#41
Tetrahydrofuran
Concen: 0.008 ppbv
RT: 3.052 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

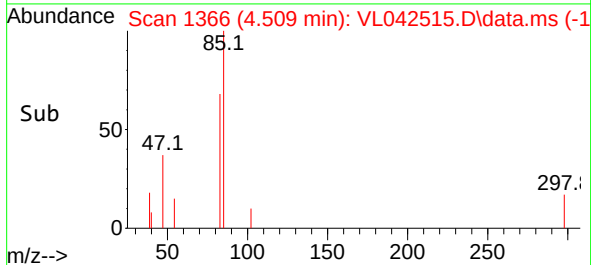
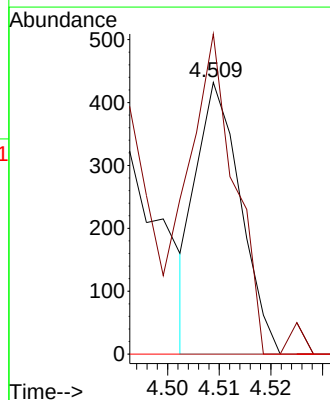
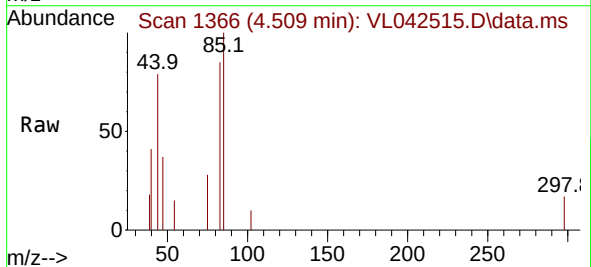
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

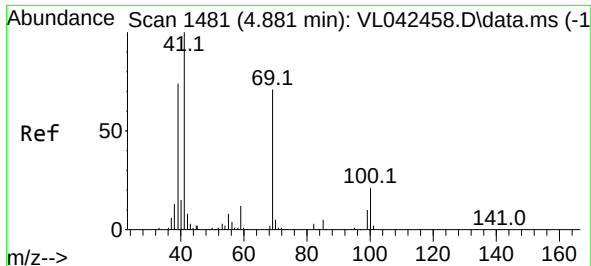
Tgt Ion:	42	Resp:	49
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.5	50.3#
71	0.0	32.6	49.0#



#42
Bromodichloromethane
Concen: 0.015 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.023 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:	83	Resp:	257
Ion	Ratio	Lower	Upper
83	100		
85	117.8	51.5	77.3#
127	0.0	5.4	8.2#





#43

Methyl Methacrylate

Concen: 0.005 ppbv

RT: 4.868 min Scan# 1477

Delta R.T. -0.013 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

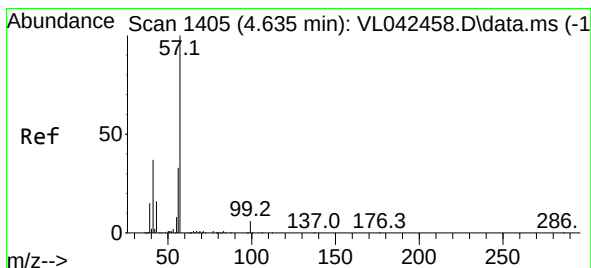
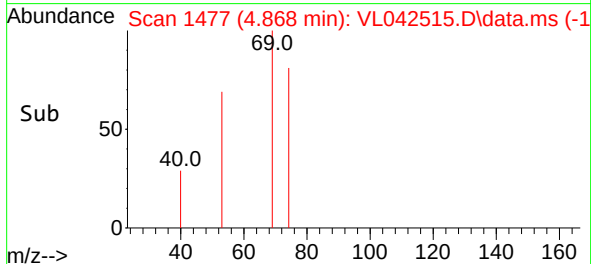
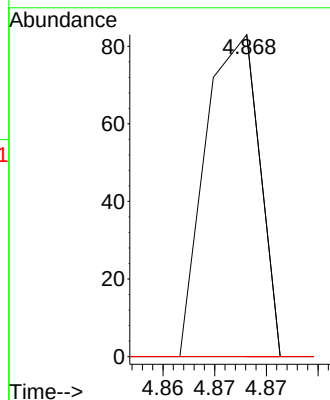
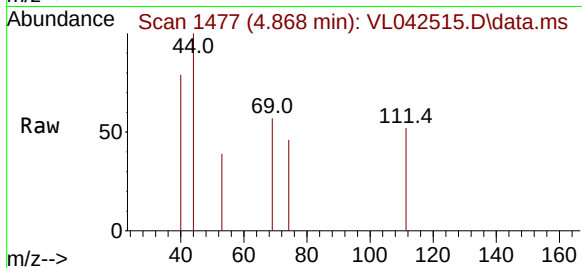
Tgt Ion: 69 Resp: 30

Ion Ratio Lower Upper

69 100

41 856.7 120.8 181.2#

100 80.0 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.012 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.013 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

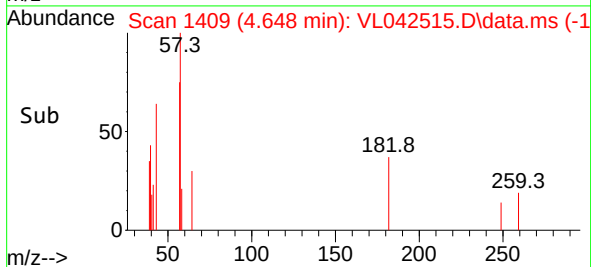
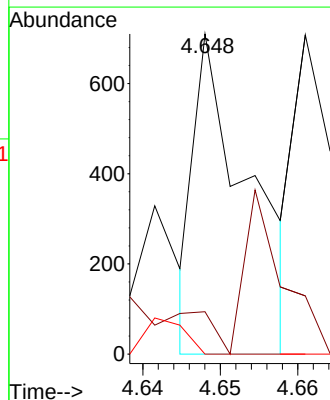
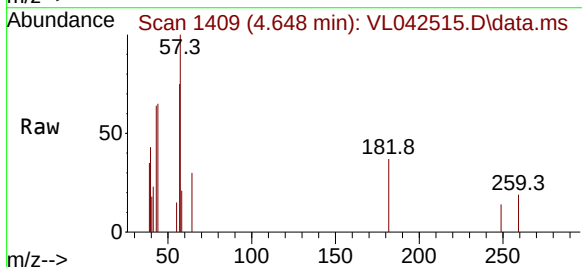
Tgt Ion: 57 Resp: 344

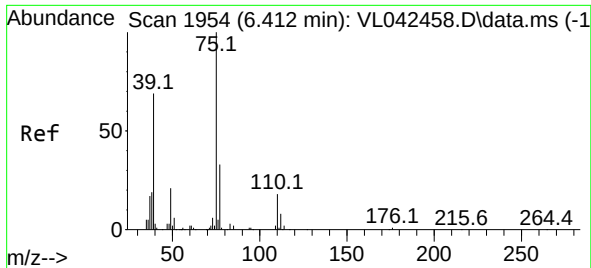
Ion Ratio Lower Upper

57 100

41 99.1 30.6 45.8#

56 0.0 25.0 37.6#

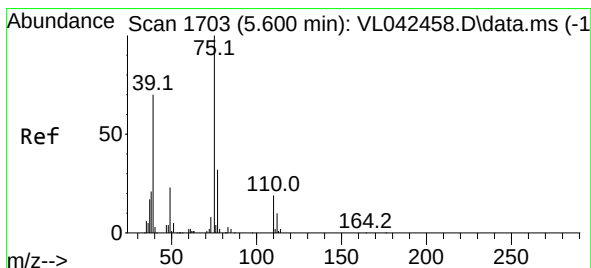
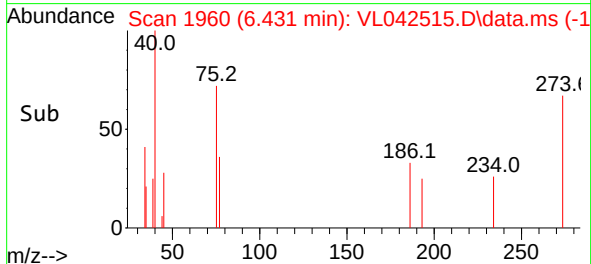
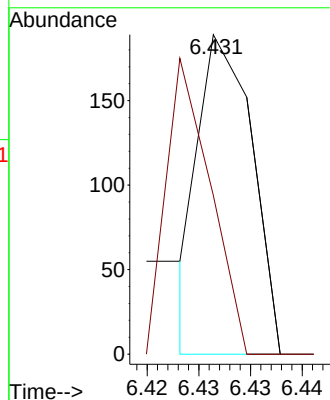
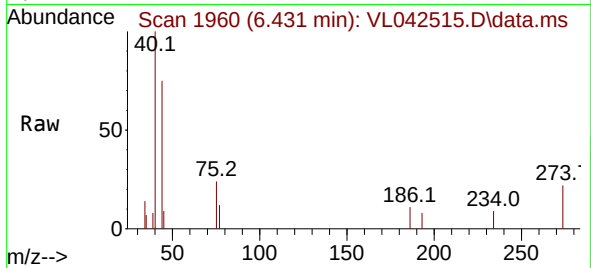




#45
t-1,3-Dichloropropene
Concen: 0.008 ppbv
RT: 6.431 min Scan# 1954
Delta R.T. 0.019 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

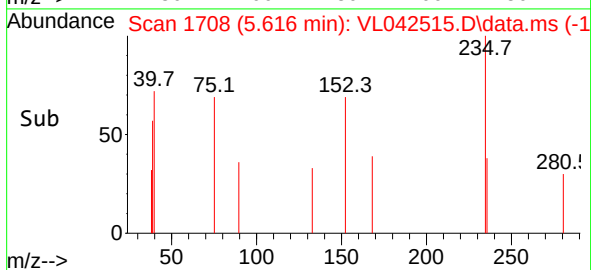
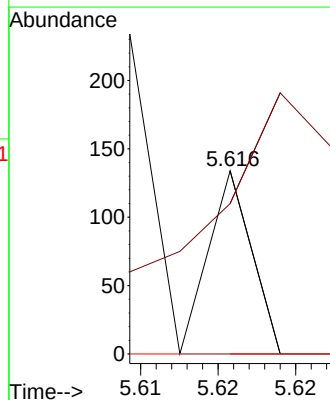
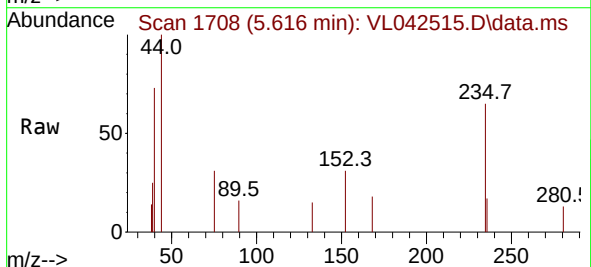
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

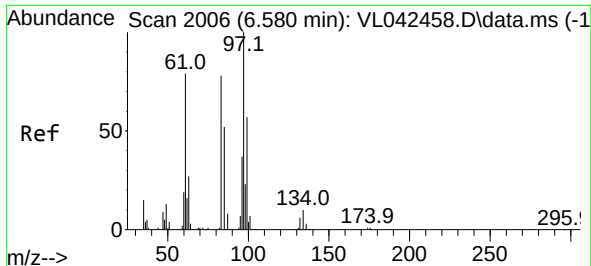
Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
77 49.7 26.3 39.5#



#46
cis-1,3-Dichloropropene
Concen: 0.003 ppbv
RT: 5.616 min Scan# 1708
Delta R.T. 0.016 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
39 26.1 55.7 83.5#
77 0.0 25.8 38.8#

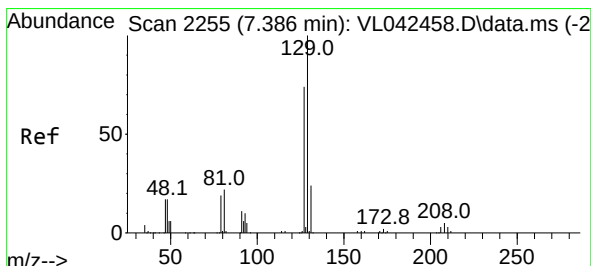
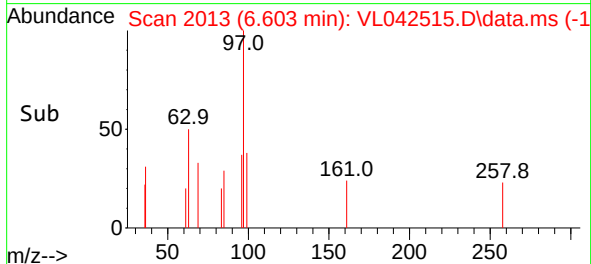
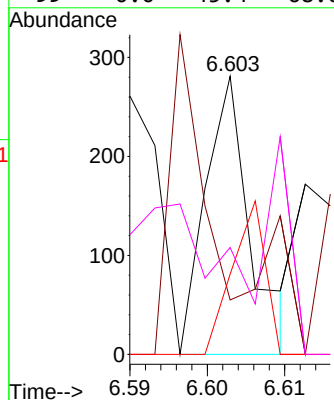
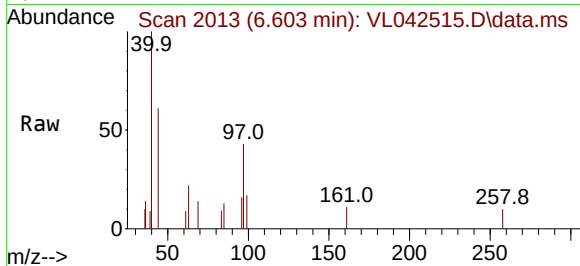




#47
 1,1,2-Trichloroethane
 Concen: 0.015 ppbv
 RT: 6.603 min Scan# 2006
 Delta R.T. 0.023 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

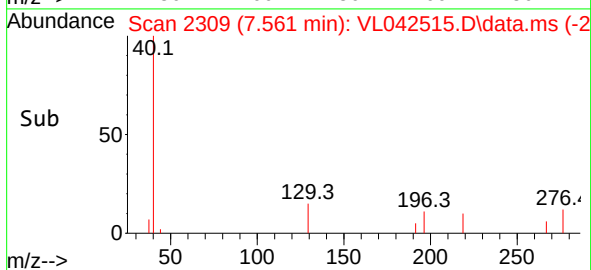
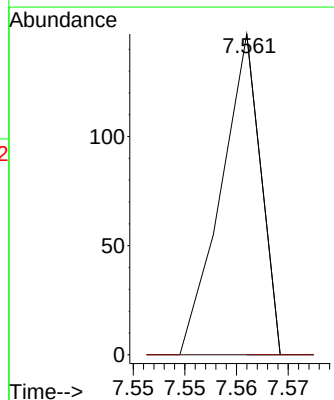
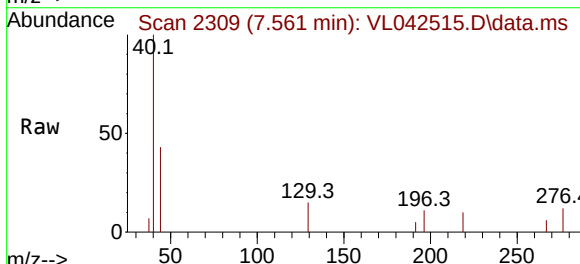
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

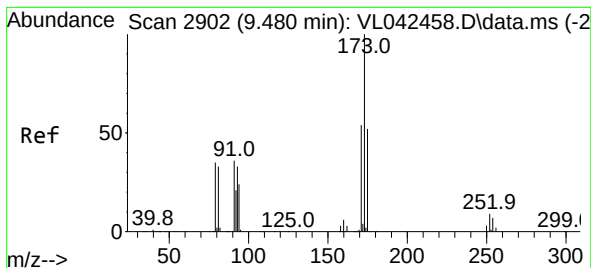
Tgt Ion: 97	Resp: 112
Ion Ratio	Lower Upper
97 100	
83 0.0	62.2 93.2#
85 28.8	41.5 62.3#
99 0.0	45.4 68.0#



#48
 Dibromochloromethane
 Concen: 0.003 ppbv
 RT: 7.561 min Scan# 2309
 Delta R.T. 0.175 min
 Lab File: VL042515.D
 Acq: 07 May 2025 13:17

Tgt Ion:129	Resp:	39	
Ion	Ratio	Lower	Upper
129	100		
127	59.0	39.5	118.5





#49

Bromoform

Concen: 0.019 ppbv

RT: 9.490 min Scan# 2902

Delta R.T. 0.010 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

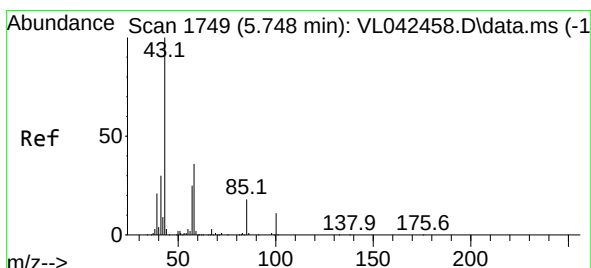
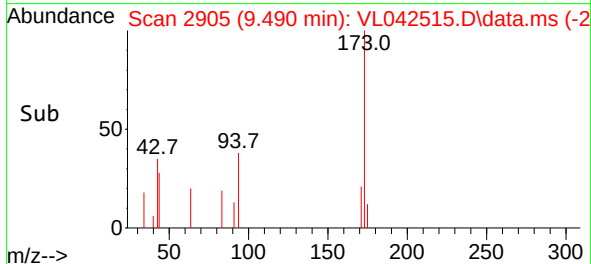
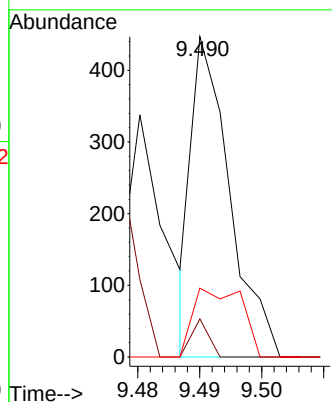
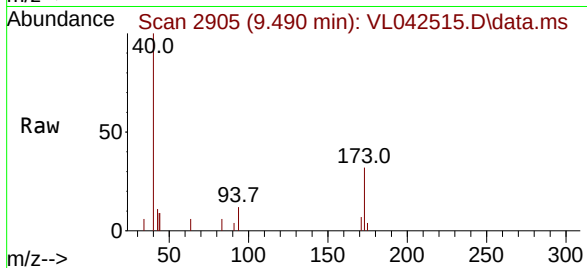
Tgt Ion:173 Resp: 191

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 27.2 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.016 ppbv

RT: 5.791 min Scan# 1762

Delta R.T. 0.042 min

Lab File: VL042515.D

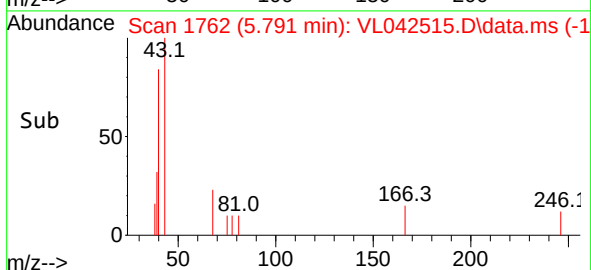
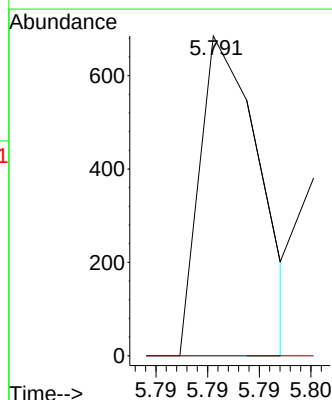
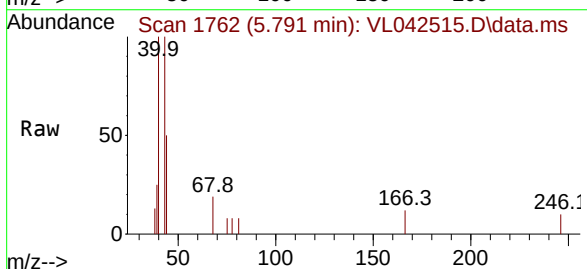
Acq: 07 May 2025 13:17

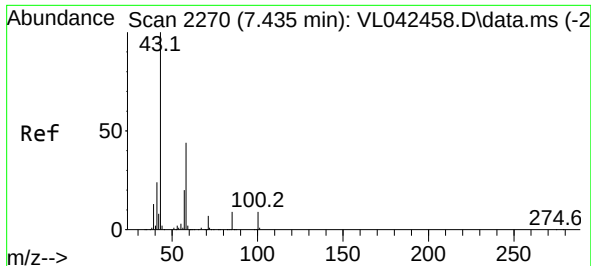
Tgt Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

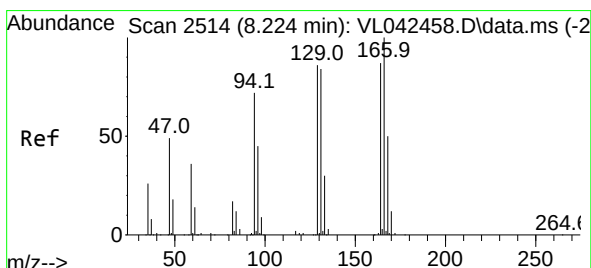
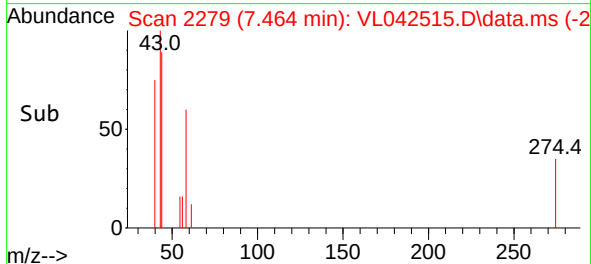
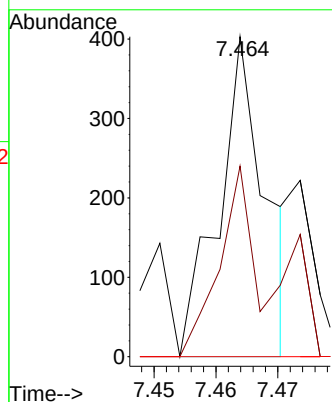
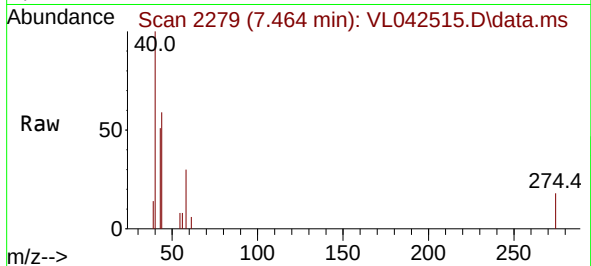




#51
2-Hexanone
Concen: 0.015 ppbv
RT: 7.464 min Scan# 213
Delta R.T. 0.029 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

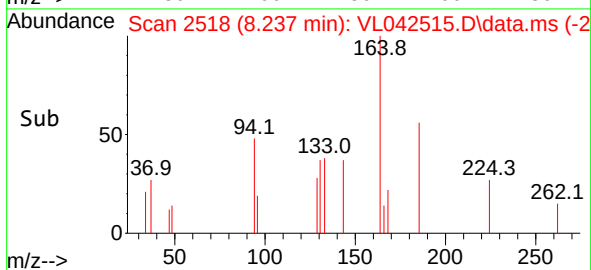
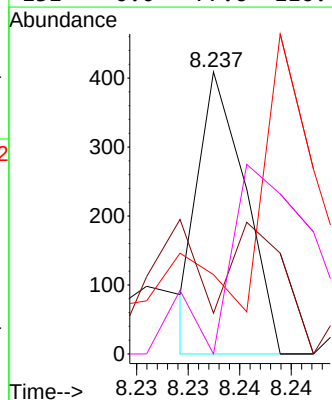
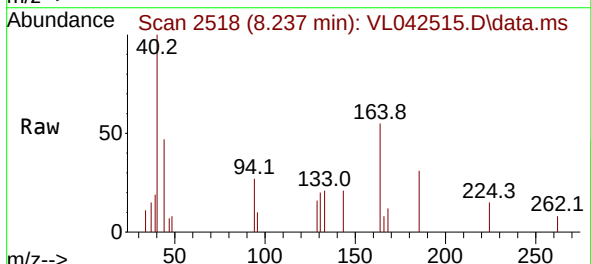
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

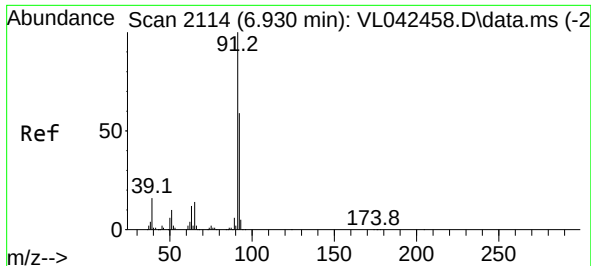
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
58 90.6 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.019 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 164 Resp: 126
Ion Ratio Lower Upper
164 100
166 0.0 91.6 137.4#
129 0.0 79.0 118.4#
131 0.0 77.6 116.4#





#53

Toluene

Concen: 0.016 ppbv

RT: 6.943 min Scan# 2114

Delta R.T. 0.013 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

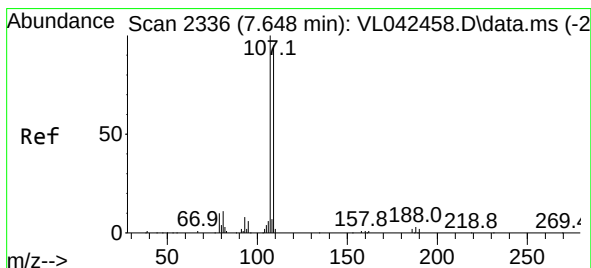
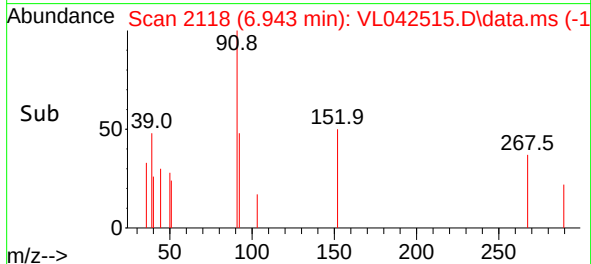
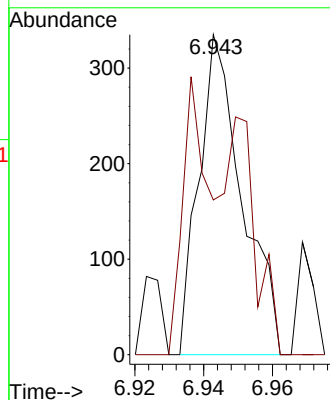
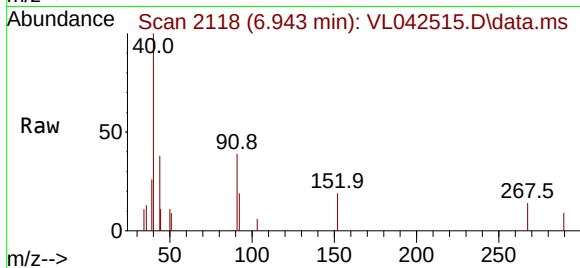
MDL1 0.03

Tgt Ion: 91 Resp: 292

Ion Ratio Lower Upper

91 100

92 105.1 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.011 ppbv

RT: 7.665 min Scan# 2341

Delta R.T. 0.016 min

Lab File: VL042515.D

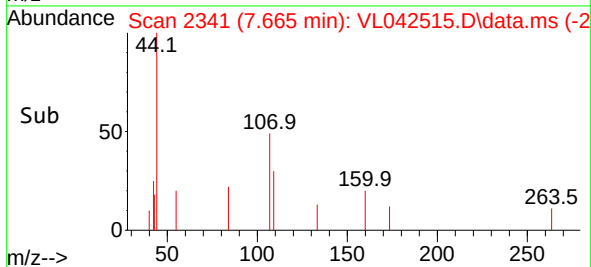
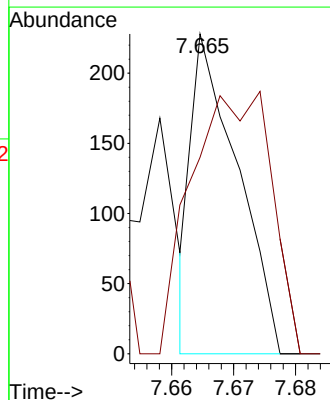
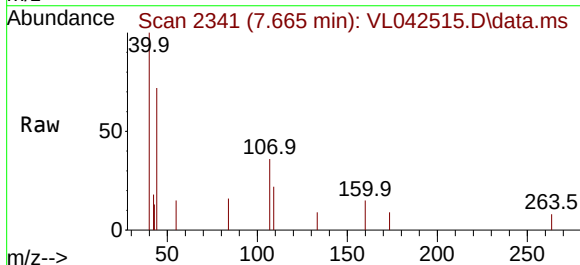
Acq: 07 May 2025 13:17

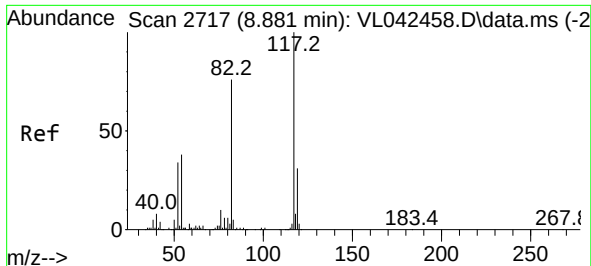
Tgt Ion: 107 Resp: 117

Ion Ratio Lower Upper

107 100

109 25.4 76.0 114.0#

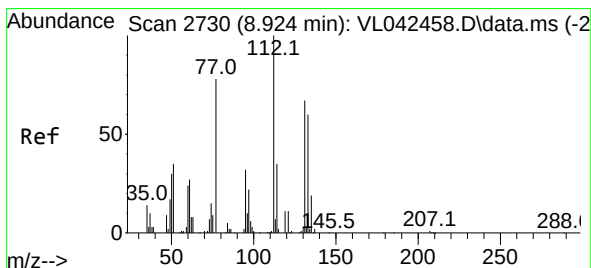
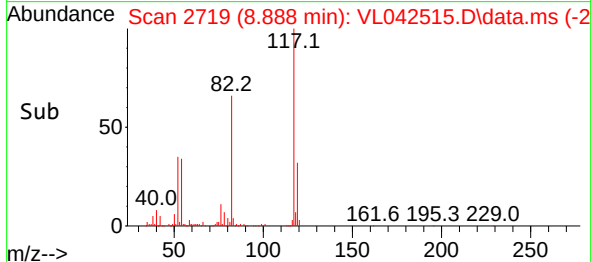
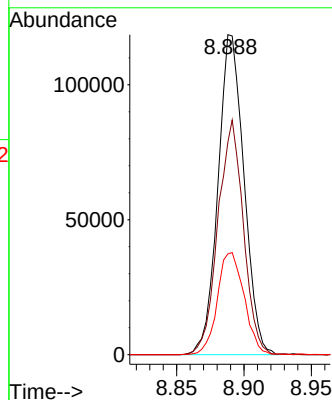
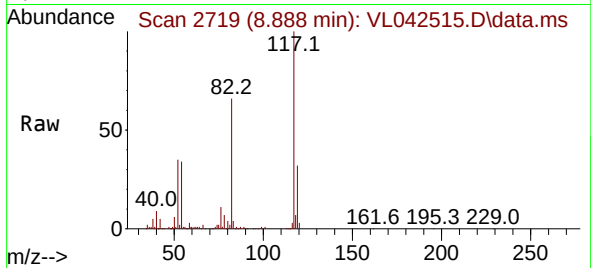




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

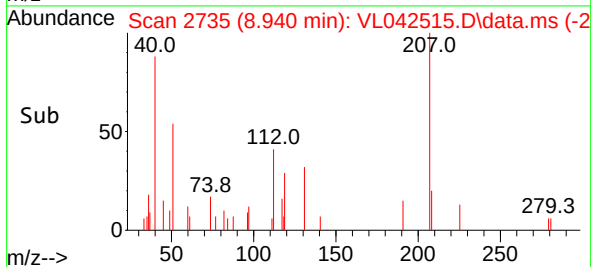
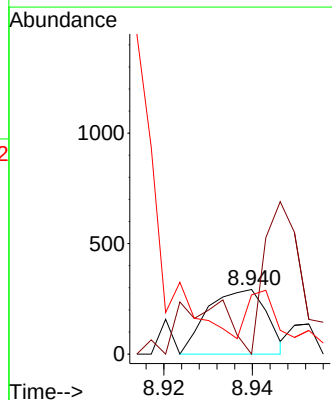
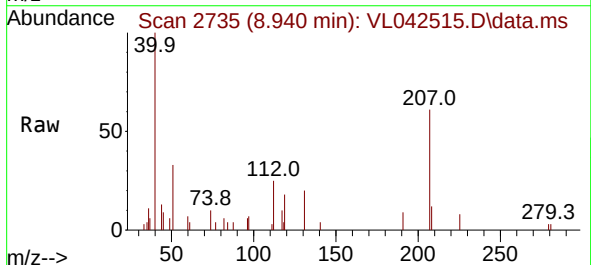
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

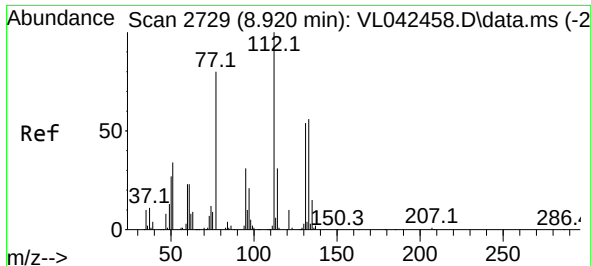
Tgt Ion:117 Resp: 159179
Ion Ratio Lower Upper
117 100
82 71.7 63.5 95.3
119 33.1 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.029 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.016 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:131 Resp: 271
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 46.1 69.1#

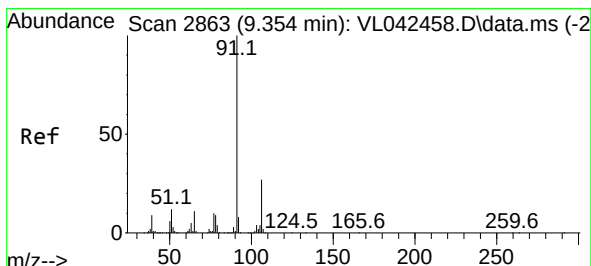
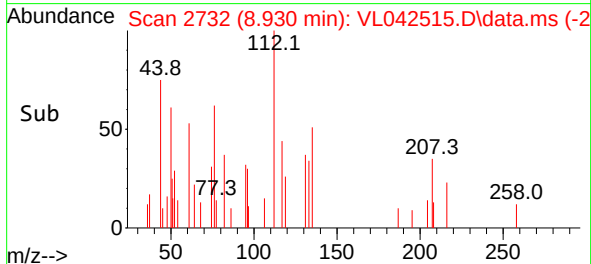
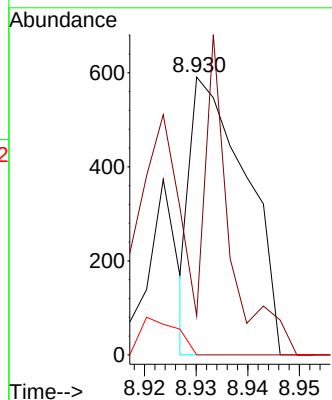
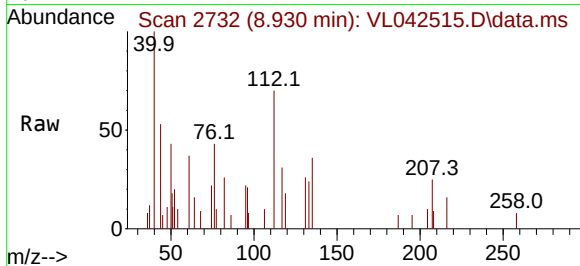




#57
Chlorobenzene
Concen: 0.028 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

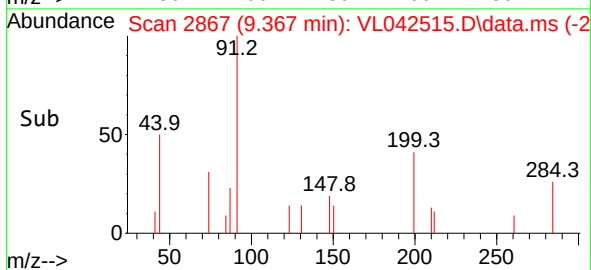
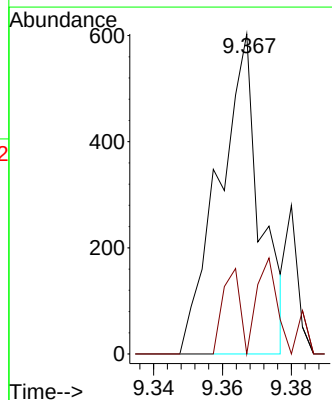
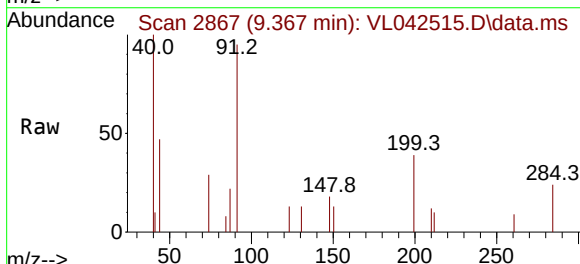
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

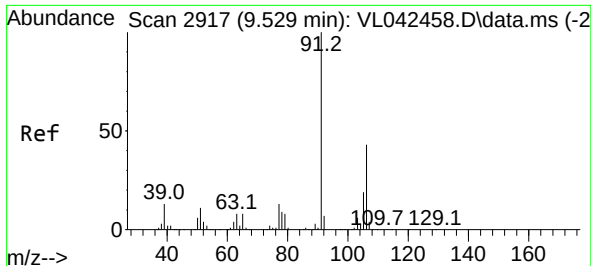
Tgt Ion: 112 Resp: 443
Ion Ratio Lower Upper
112 100
77 1.5 65.0 97.4#
114 0.0 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.019 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 91 Resp: 504
Ion Ratio Lower Upper
91 100
106 0.0 21.9 32.9#





#59

m/p-Xylene

Concen: 0.009 ppbv

RT: 9.539 min Scan# 2917

Delta R.T. 0.010 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_1

ClientSampleId :

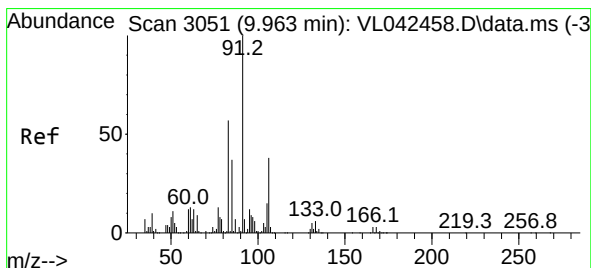
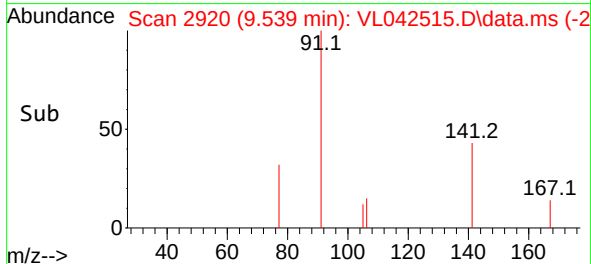
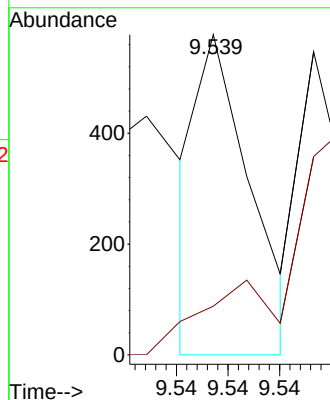
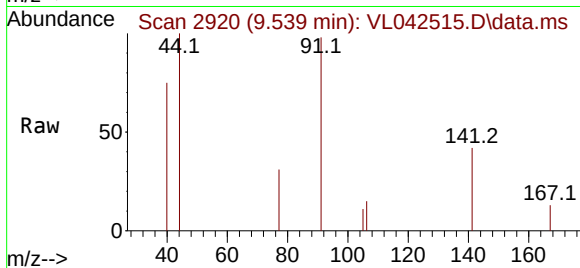
MDL1 0.03

Tgt Ion: 91 Resp: 203

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.012 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.010 min

Lab File: VL042515.D

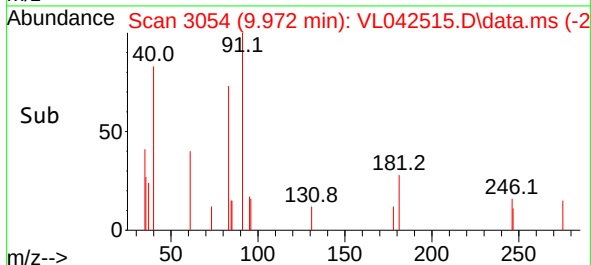
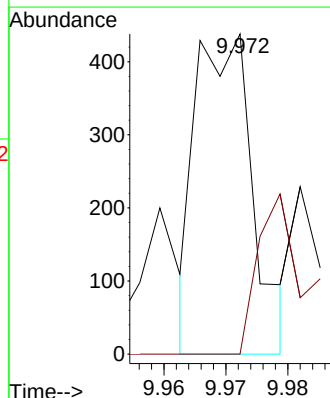
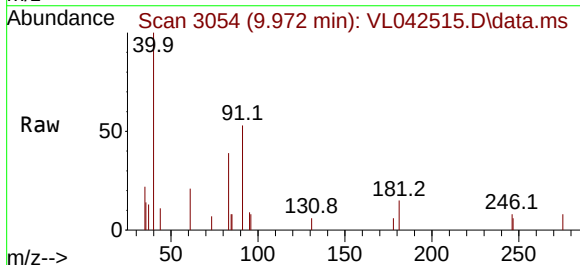
Acq: 07 May 2025 13:17

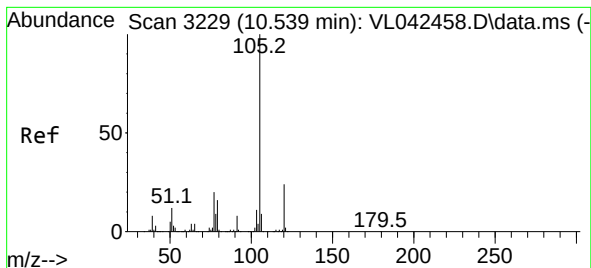
Tgt Ion: 91 Resp: 279

Ion Ratio Lower Upper

91 100

106 0.0 20.1 60.2#





#62

Isopropylbenzene

Concen: 0.016 ppbv

RT: 10.542 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

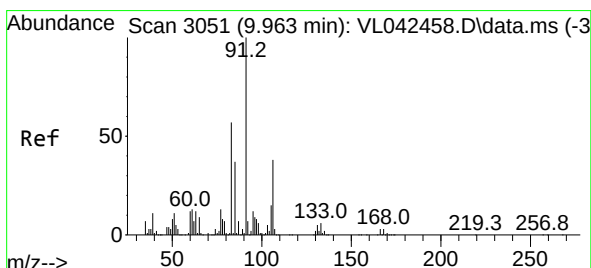
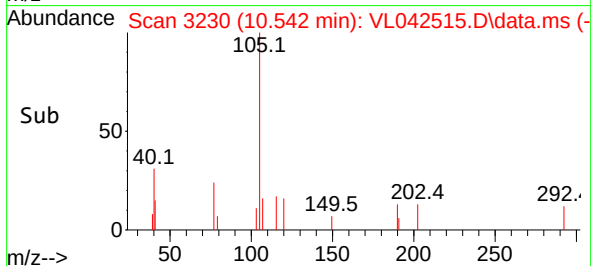
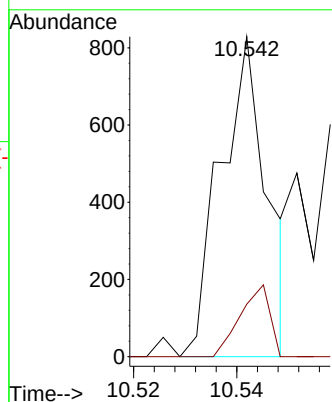
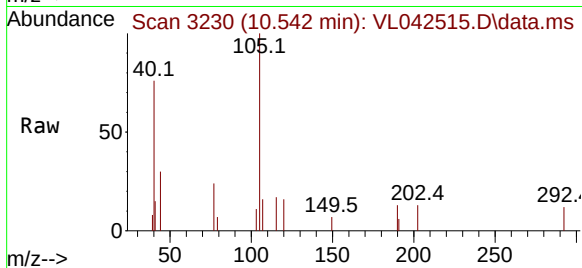
MDL1 0.03

Tgt Ion:105 Resp: 519

Ion Ratio Lower Upper

105 100

120 14.3 18.8 28.2#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.019 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

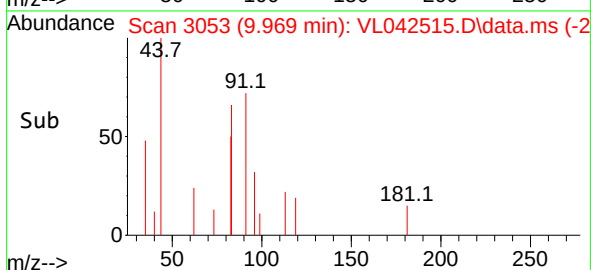
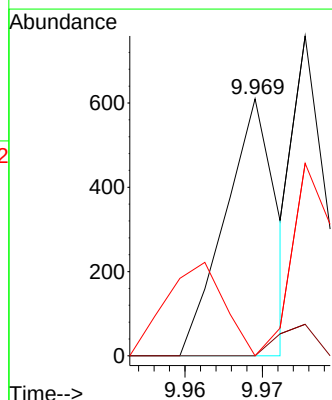
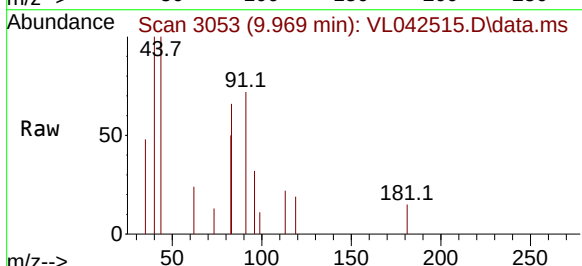
Tgt Ion: 83 Resp: 285

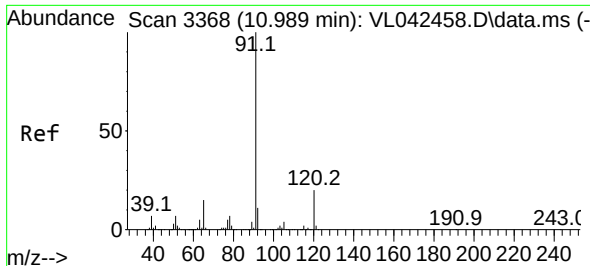
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 32.5 97.4#

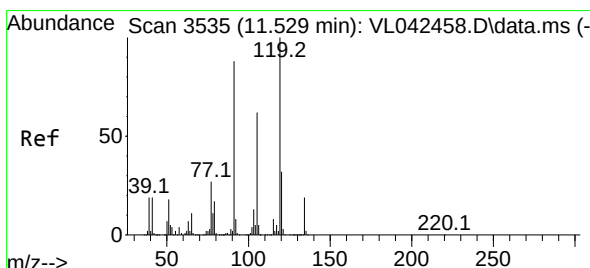
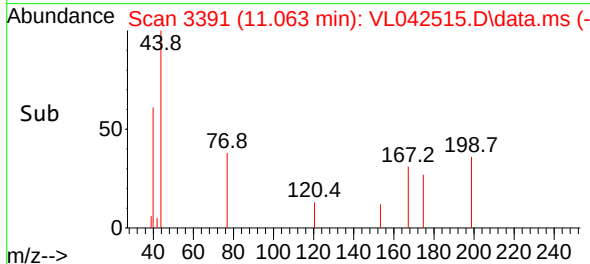
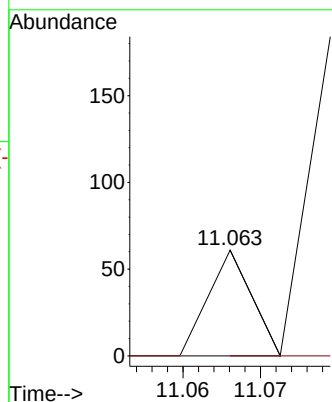
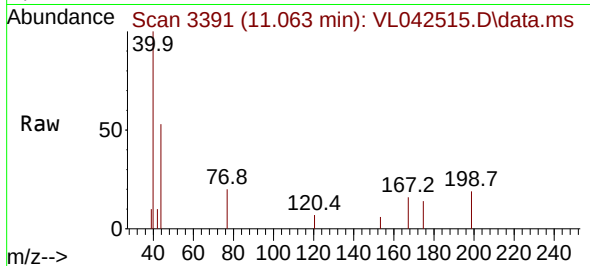




#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 11.063 min Scan# 3391
Delta R.T. 0.075 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

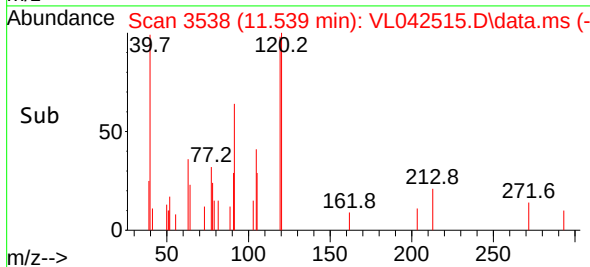
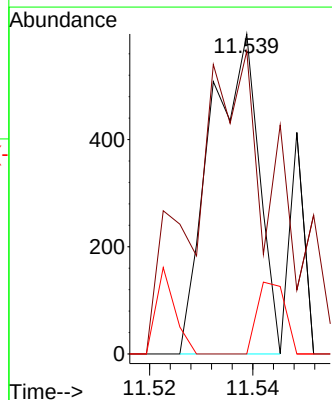
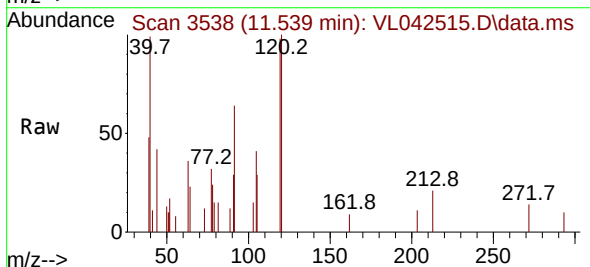
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

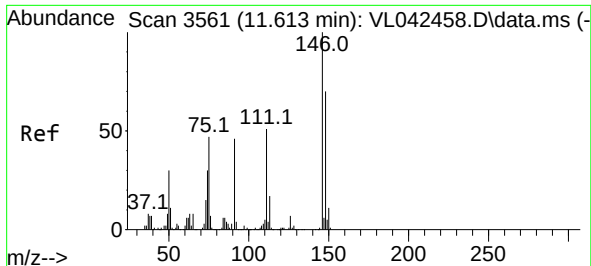
Tgt Ion:120 Resp: 12
Ion Ratio Lower Upper
120 100
91 8016.7 408.6 612.8#



#65
tert-Butylbenzene
Concen: 0.014 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.010 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:119 Resp: 390
Ion Ratio Lower Upper
119 100
91 163.1 71.6 107.4#
134 23.3 15.0 22.4#

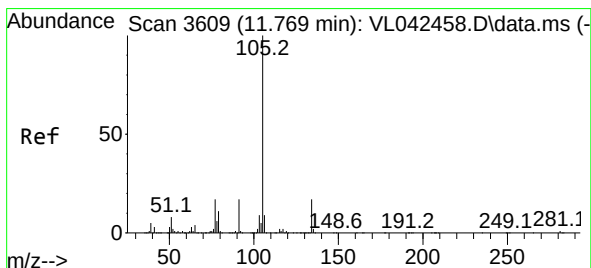
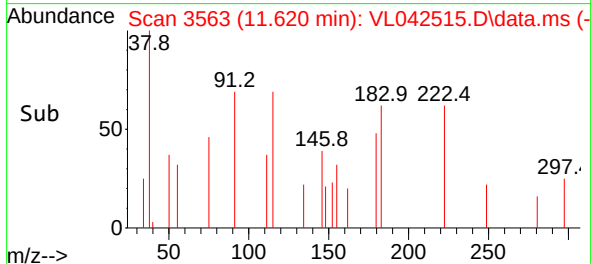
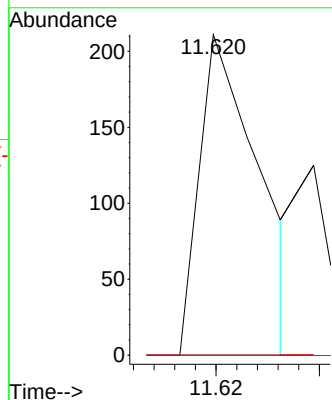
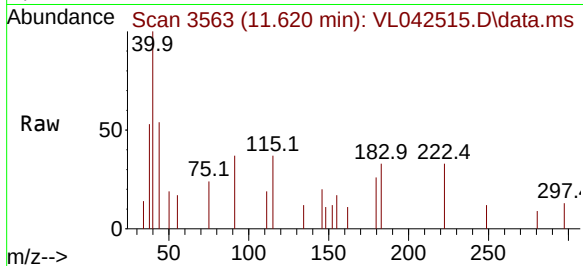




#66
Benzyl Chloride
Concen: 0.026 ppbv
RT: 11.620 min Scan# 311
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

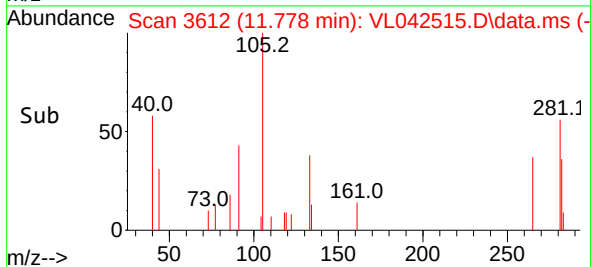
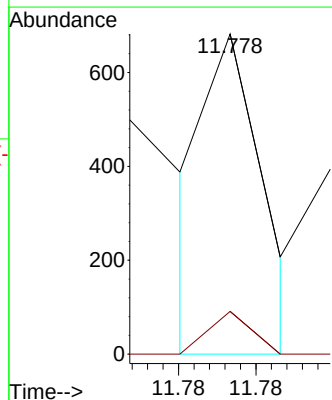
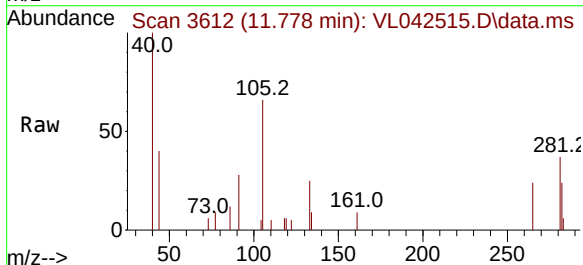
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

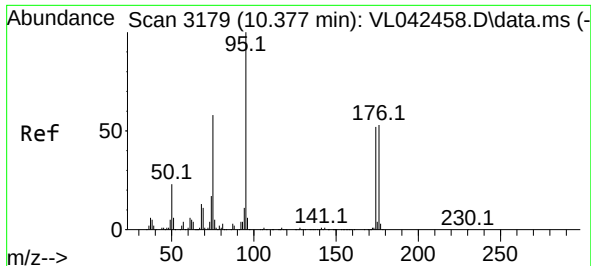
Tgt Ion: 91 Resp: 86
Ion Ratio Lower Upper
91 100
126 0.0 13.3 19.9#
128 0.0 4.2 6.4#



#67
sec-Butylbenzene
Concen: 0.004 ppbv
RT: 11.778 min Scan# 3612
Delta R.T. 0.010 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 105 Resp: 173
Ion Ratio Lower Upper
105 100
134 0.0 14.1 21.1#

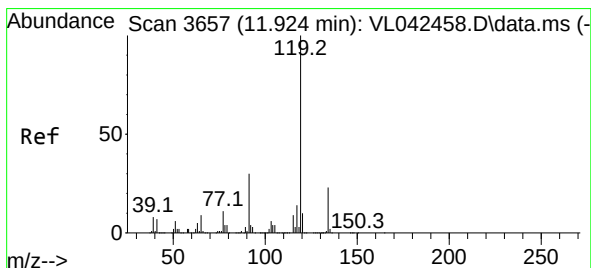
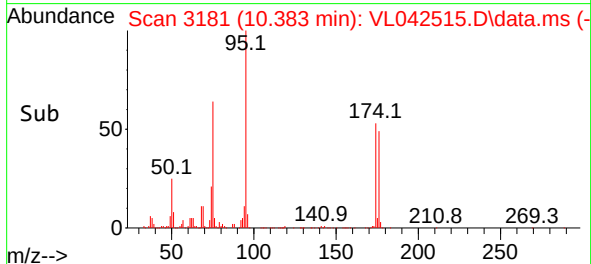
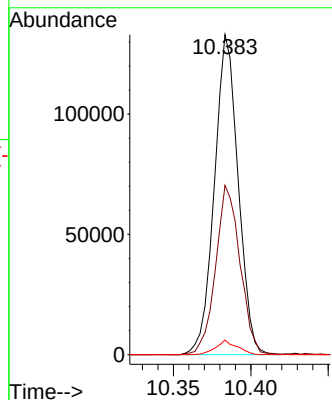
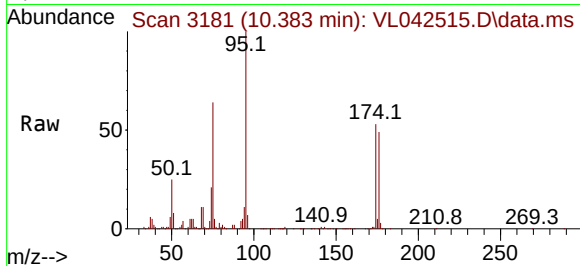




#68
1-Bromo-4-Fluorobenzene
Concen: 9.614 ppbv
RT: 10.383 min Scan# 3179
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

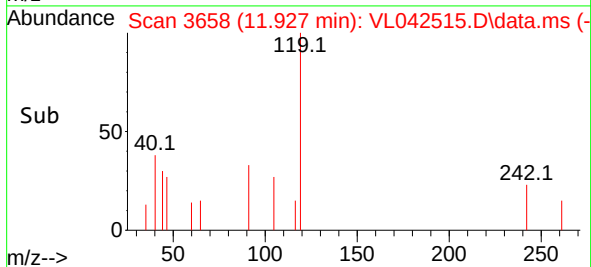
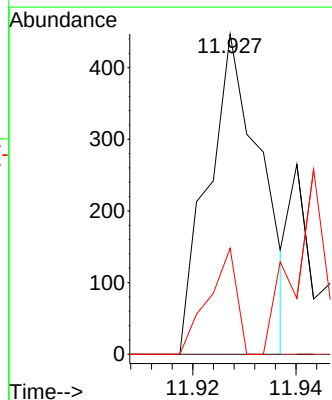
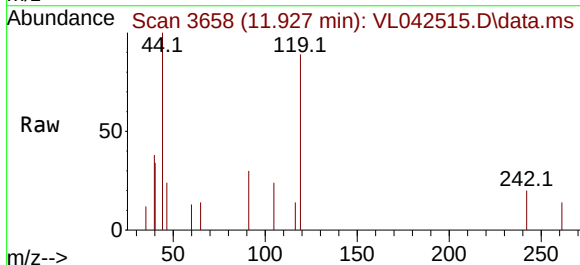
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

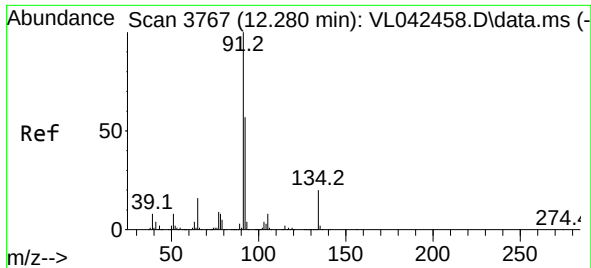
Tgt Ion: 95 Resp: 141887
Ion Ratio Lower Upper
95 100
174 54.6 42.7 64.1
175 4.1 3.6 5.4



#69
p-Isopropyltoluene
Concen: 0.009 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 119 Resp: 318
Ion Ratio Lower Upper
119 100
134 0.0 19.0 28.4#
91 0.0 25.5 38.3#

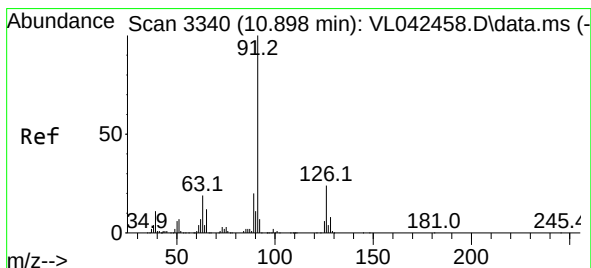
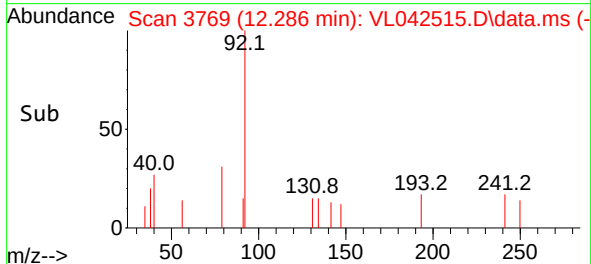
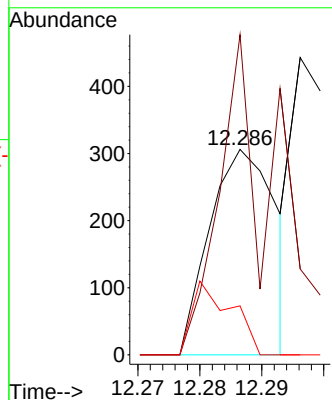
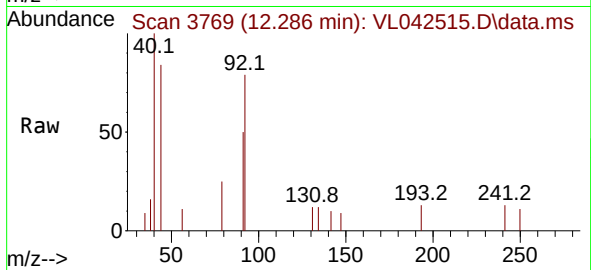




#70
n-Butylbenzene
Concen: 0.006 ppbv
RT: 12.286 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

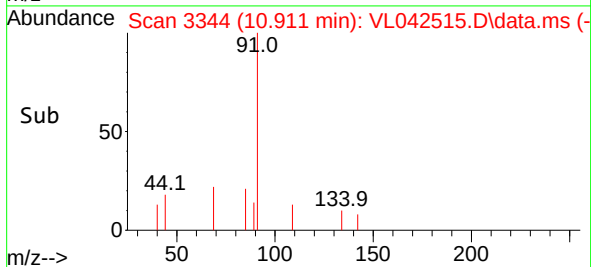
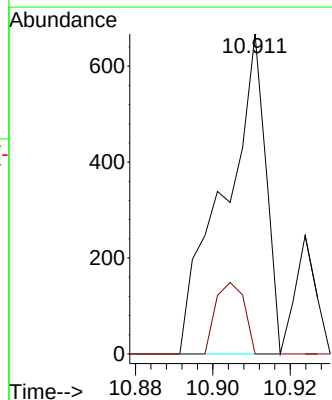
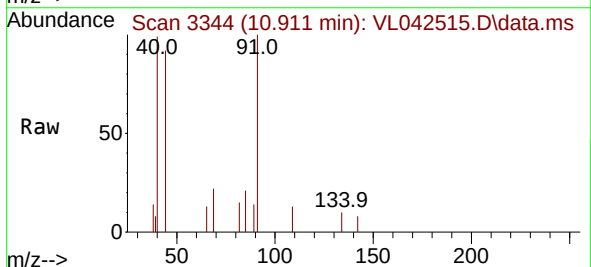
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

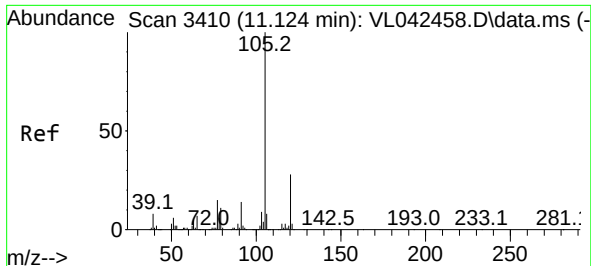
Tgt Ion: 91 Resp: 228
Ion Ratio Lower Upper
91 100
92 135.5 44.0 66.0#
134 21.1 16.8 25.2



#71
2-Chlorotoluene
Concen: 0.020 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion: 91 Resp: 494
Ion Ratio Lower Upper
91 100
126 15.6 10.6 42.2

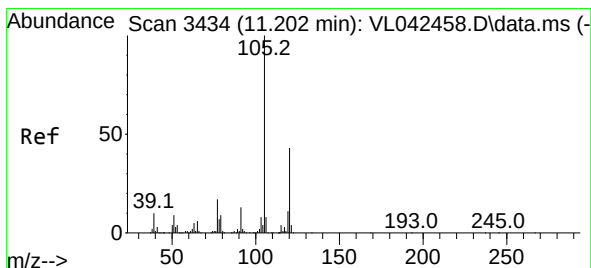
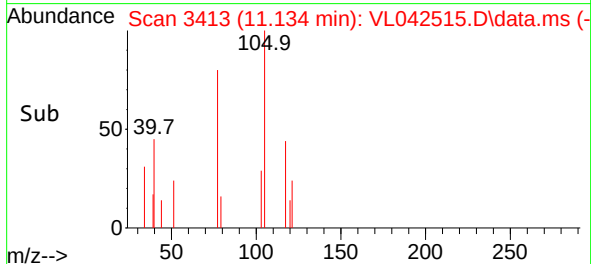
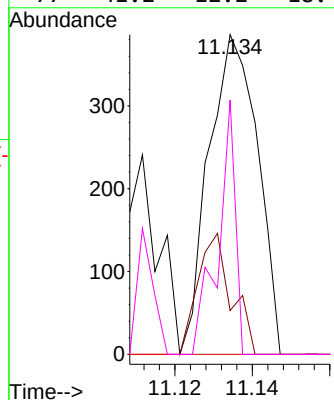
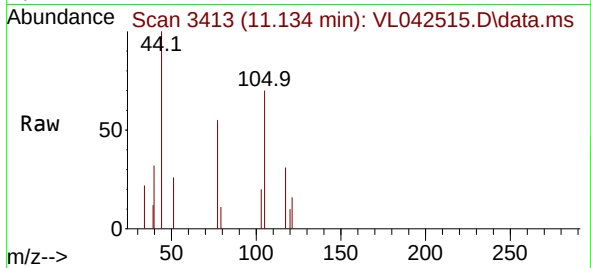




#72
4-Ethyltoluene
Concen: 0.013 ppbv
RT: 11.134 min Scan# 3410
Delta R.T. 0.010 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

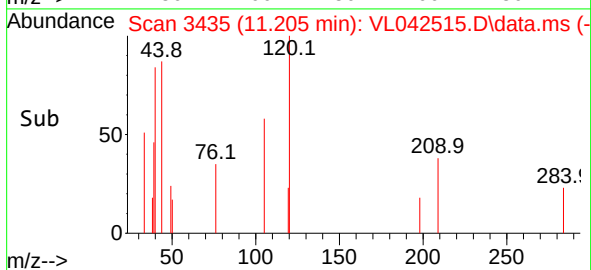
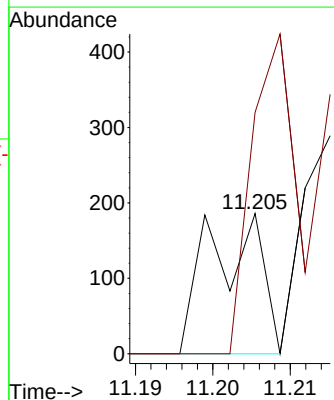
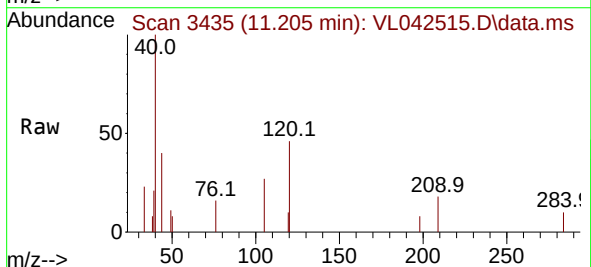
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

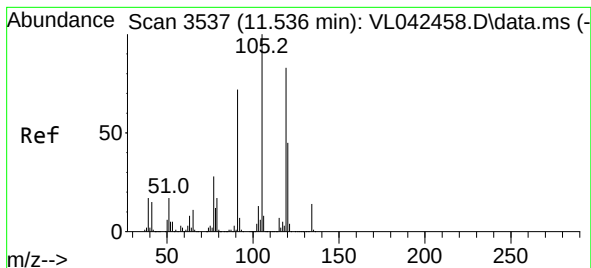
Tgt Ion:105 Resp: 337
Ion Ratio Lower Upper
105 100
120 26.1 22.0 33.0
91 0.0 11.2 16.8#
77 41.2 12.2 18.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.004 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. 0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:105 Resp: 88
Ion Ratio Lower Upper
105 100
120 172.0 34.4 51.6#





#74

1,2,4-Trimethylbenzene

Concen: 0.012 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.016 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

Tgt Ion:105 Resp: 330

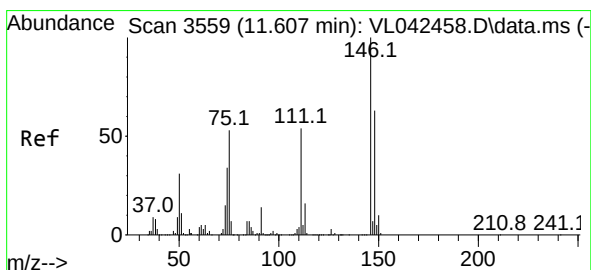
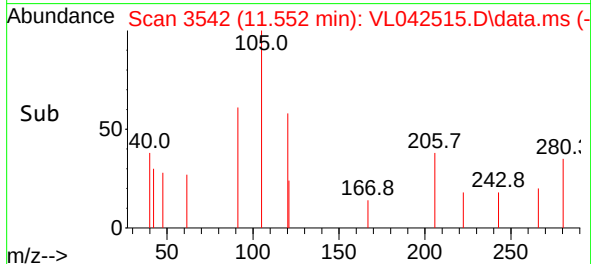
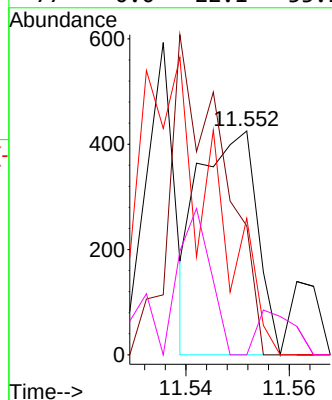
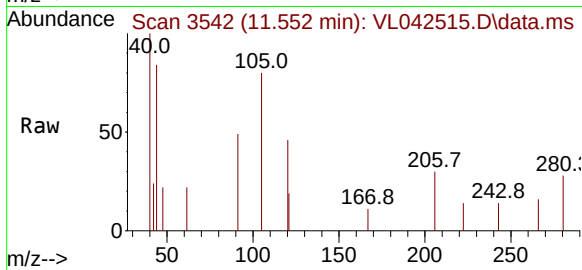
Ion Ratio Lower Upper

105 100

120 92.5 36.1 54.1#

91 69.1 57.6 86.4

77 0.0 22.1 33.1#



#75

1,3-Dichlorobenzene

Concen: 0.009 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.010 min

Lab File: VL042515.D

Acq: 07 May 2025 13:17

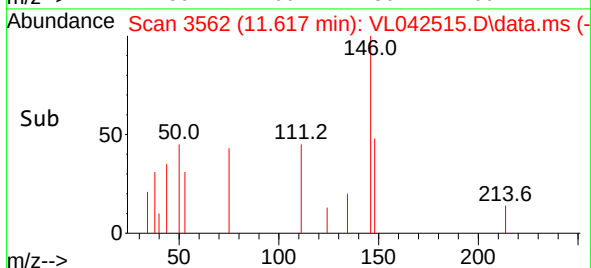
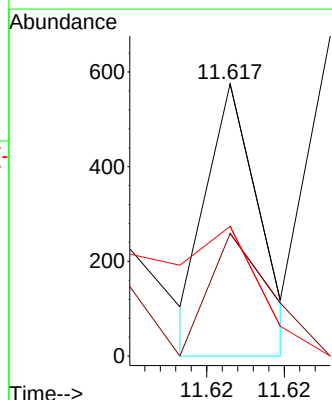
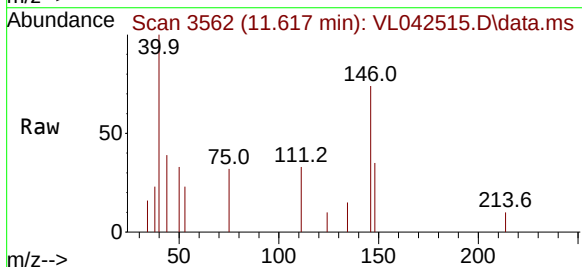
Tgt Ion:146 Resp: 134

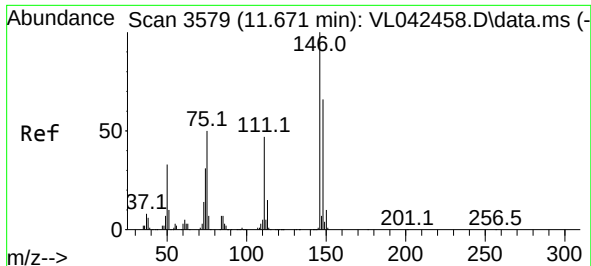
Ion Ratio Lower Upper

146 100

111 117.2 26.1 78.3#

148 142.5 32.0 96.0#

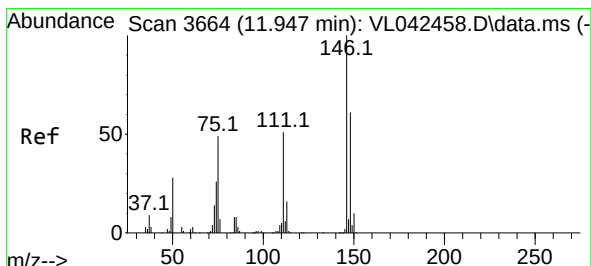
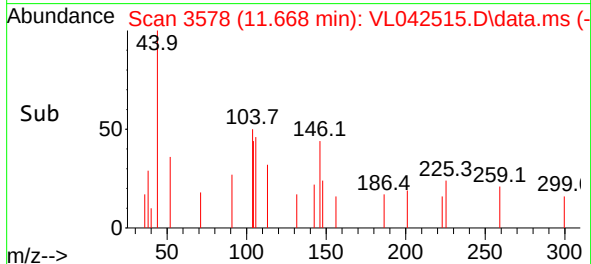
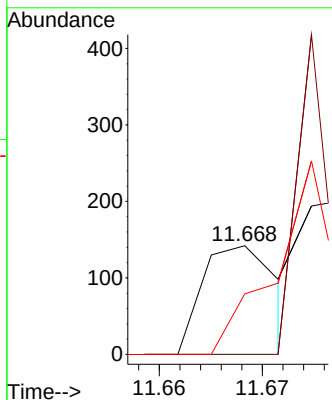
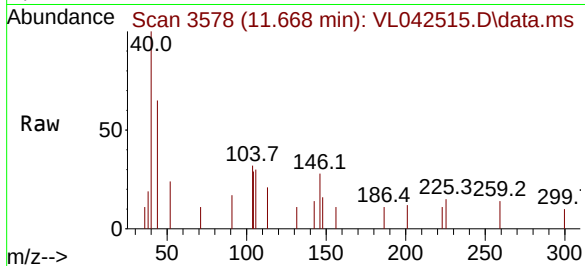




#76
1,4-Dichlorobenzene
Concen: 0.005 ppbv
RT: 11.668 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

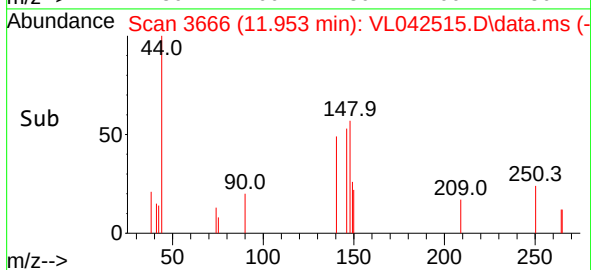
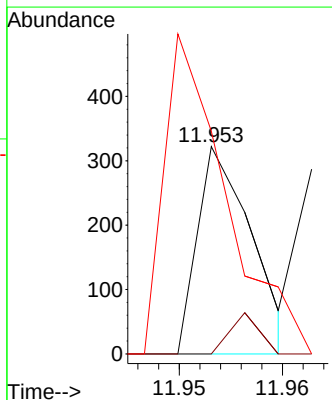
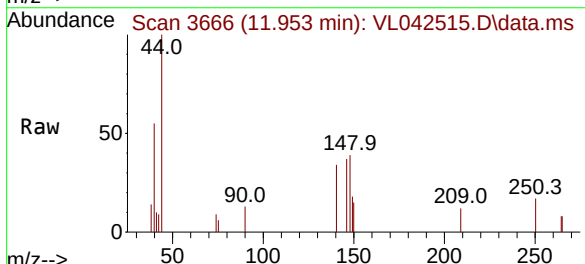
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

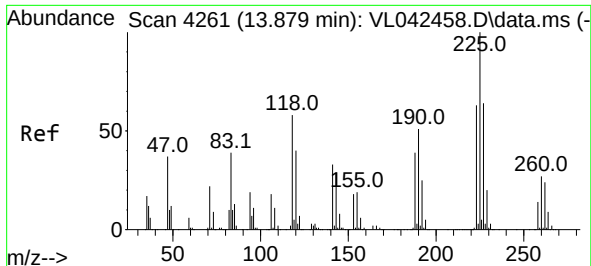
Tgt Ion:146 Resp: 72
Ion Ratio Lower Upper
146 100
111 197.2 24.4 73.2#
148 200.0 32.0 96.2#



#77
1,2-Dichlorobenzene
Concen: 0.008 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.007 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:146 Resp: 118
Ion Ratio Lower Upper
146 100
111 0.0 26.5 79.5#
148 175.4 31.5 94.5#

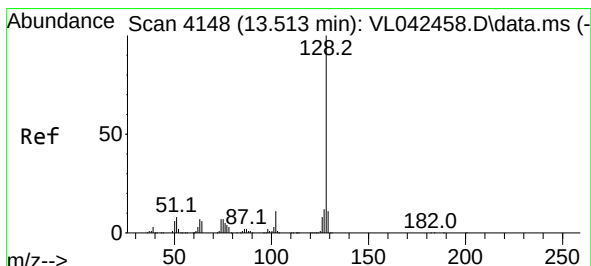
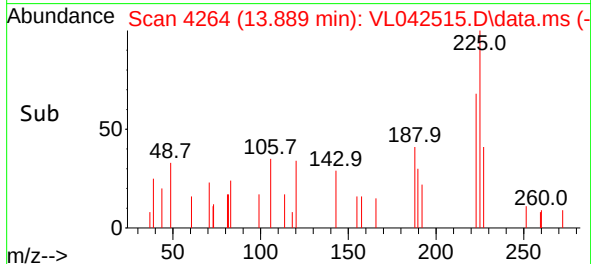
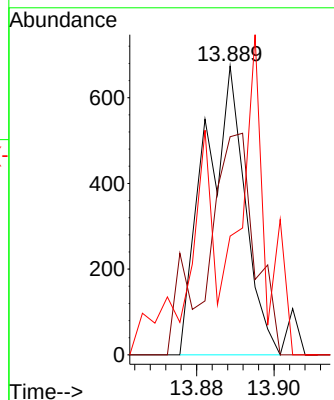
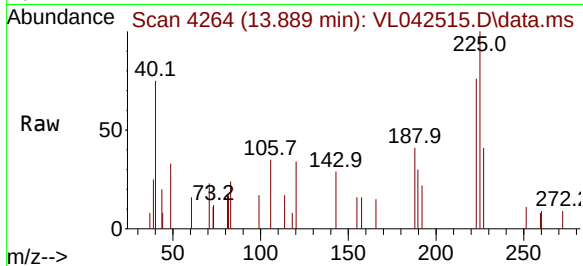




#78
Hexachloro-1,3-Butadiene
Concen: 0.032 ppbv
RT: 13.889 min Scan# 4152
Delta R.T. 0.010 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

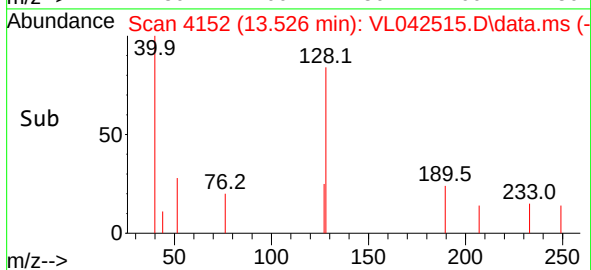
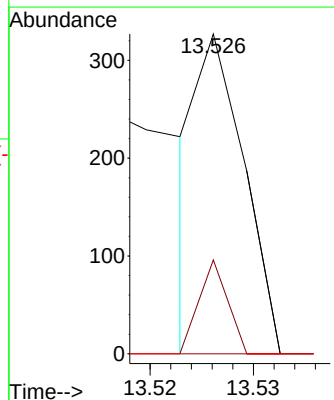
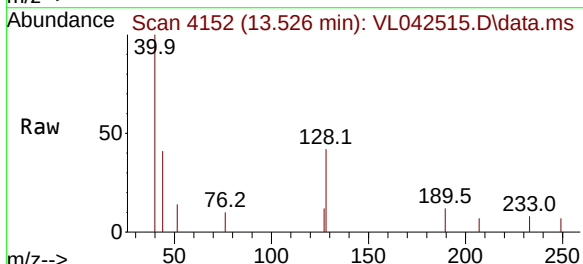
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

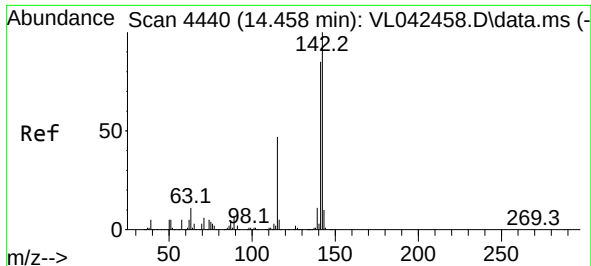
Tgt Ion:225 Resp: 486
Ion Ratio Lower Upper
225 100
223 90.7 50.2 75.4#
227 117.5 51.2 76.8#



#79
Naphthalene
Concen: 0.004 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:128 Resp: 100
Ion Ratio Lower Upper
128 100
127 29.4 9.7 14.5#
129 0.0 8.6 13.0#

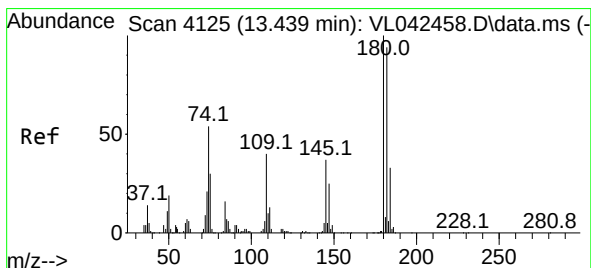
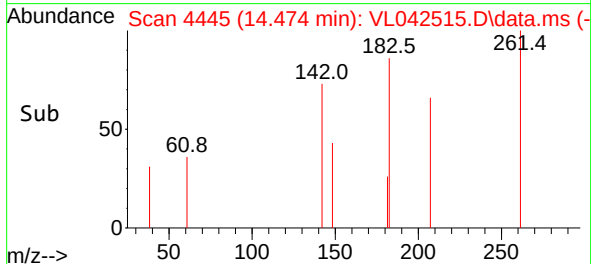
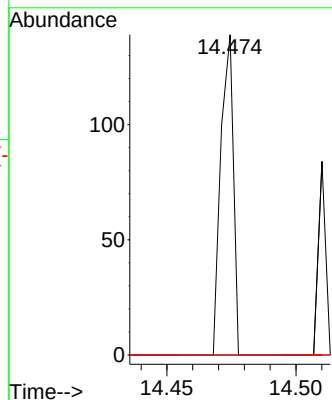
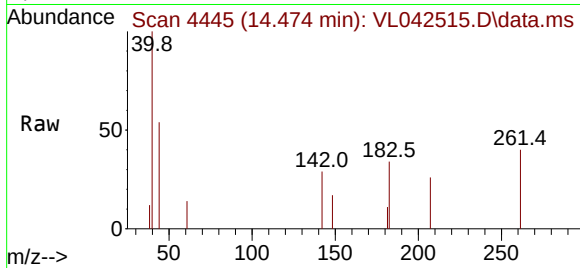




#80
Naphthalene, 2-methyl-
Concen: 0.003 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.016 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.03

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
141 113.0 67.4 101.0#
115 0.0 36.9 55.3#



#81
1,2,4-Trichlorobenzene
Concen: 0.010 ppbv
RT: 13.452 min Scan# 4129
Delta R.T. 0.013 min
Lab File: VL042515.D
Acq: 07 May 2025 13:17

Tgt Ion:180 Resp: 132
Ion Ratio Lower Upper
180 100
182 74.2 74.6 111.8#
184 0.0 24.9 37.3#

