

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042516.D
 Acq On : 07 May 2025 13:50
 Operator : SY/MD
 Sample : MDL2 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

Quant Time: May 08 01:35:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	74074	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	183542	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	155750	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	138229	9.573	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	554	0.045	ppbv	# 79
3) Chlorodifluoromethane	1.534	51	105	0.008	ppbv	94
4) Chloromethane	1.531	50	308	0.060	ppbv	# 69
5) Vinyl Chloride	1.583	62	58	0.011	ppbv	# 44
6) Bromomethane	1.667	94	88	0.036	ppbv	# 80
7) Chloroethane	1.829	64	97	0.051	ppbv	# 43
8) Dichlorotetrafluoroethane	1.554	85	479	0.047	ppbv	95
9) Propene	1.486	41	242	0.057	ppbv	# 37
10) Heptane	4.994	43	141	0.013	ppbv	# 1
11) Trichlorofluoromethane	1.877	101	462	0.041	ppbv	# 71
12) 1,1,2-Trichlorotrifluo...	2.149	101	102	0.011	ppbv	# 1
13) Ethanol	1.725	45	129	0.150	ppbv	# 37
14) Bromoethene	1.780	108	187	0.056	ppbv	# 23
15) Acetone	1.839	43	2039	0.151	ppbv	# 89
16) 1,3-Butadiene	1.615	39	400	0.067	ppbv	# 77
17) tert-Butyl alcohol	2.046	59	400	0.034	ppbv	# 16
18) 1,1-Dichloroethene	2.030	96	42	0.010	ppbv	# 74
19) Isopropyl Alcohol	1.890	45	598	0.080	ppbv	# 94
20) Methylene Chloride	2.059	84	978	0.241	ppbv	# 86
21) Allyl Chloride	2.098	41	676	0.078	ppbv	# 78
22) trans-1,2-Dichloroethene	2.340	96	77	0.016	ppbv	# 88
23) Vinyl Acetate	2.467	43	348	0.027	ppbv	# 1
24) 1,1-Dichloroethane	2.412	63	246	0.024	ppbv	# 43
25) Ethyl Acetate	2.845	43	356	0.016	ppbv	# 77
26) Hexane	2.829	57	388	0.041	ppbv	# 62
27) Carbon Disulfide	2.149	76	551	0.050	ppbv	# 1
28) Methyl tert-Butyl Ether	2.437	73	50	0.009	ppbv	# 50
29) Chloroform	2.848	83	618	0.035	ppbv	95
30) Cyclohexane	3.855	84	88	0.011	ppbv	# 22
31) cis-1,2-Dichloroethene	2.719	61	55	0.005	ppbv	# 46
32) 1,1,1-Trichloroethane	3.379	97	226	0.012	ppbv	# 7
34) 2-Butanone	2.567	43	255	0.019	ppbv	# 55
35) Carbon Tetrachloride	3.761	117	107	0.006	ppbv	# 36
36) Benzene	3.664	78	107	0.006	ppbv	# 77
37) 1,2-Dichloroethane	3.221	62	379	0.028	ppbv	# 51
38) Trichloroethene	4.561	130	58	0.009	ppbv	# 1
39) 1,2-Dichloropropane	3.962	63	52944	8.165	ppbv	# 19
40) 1,4-Dioxane	4.629	88	24	0.008	ppbv	# 100
41) Tetrahydrofuran	3.075	42	222	0.035	ppbv	# 34
42) Bromodichloromethane	4.493	83	284	0.017	ppbv	# 87
43) Methyl Methacrylate	4.897	69	41	0.006	ppbv	# 1
44) 2,2,4-Trimethylpentane	4.642	57	382	0.014	ppbv	# 52
45) t-1,3-Dichloropropene	6.425	75	95	0.011	ppbv	# 42

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Quant Time: May 08 01:35:29 2025
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 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

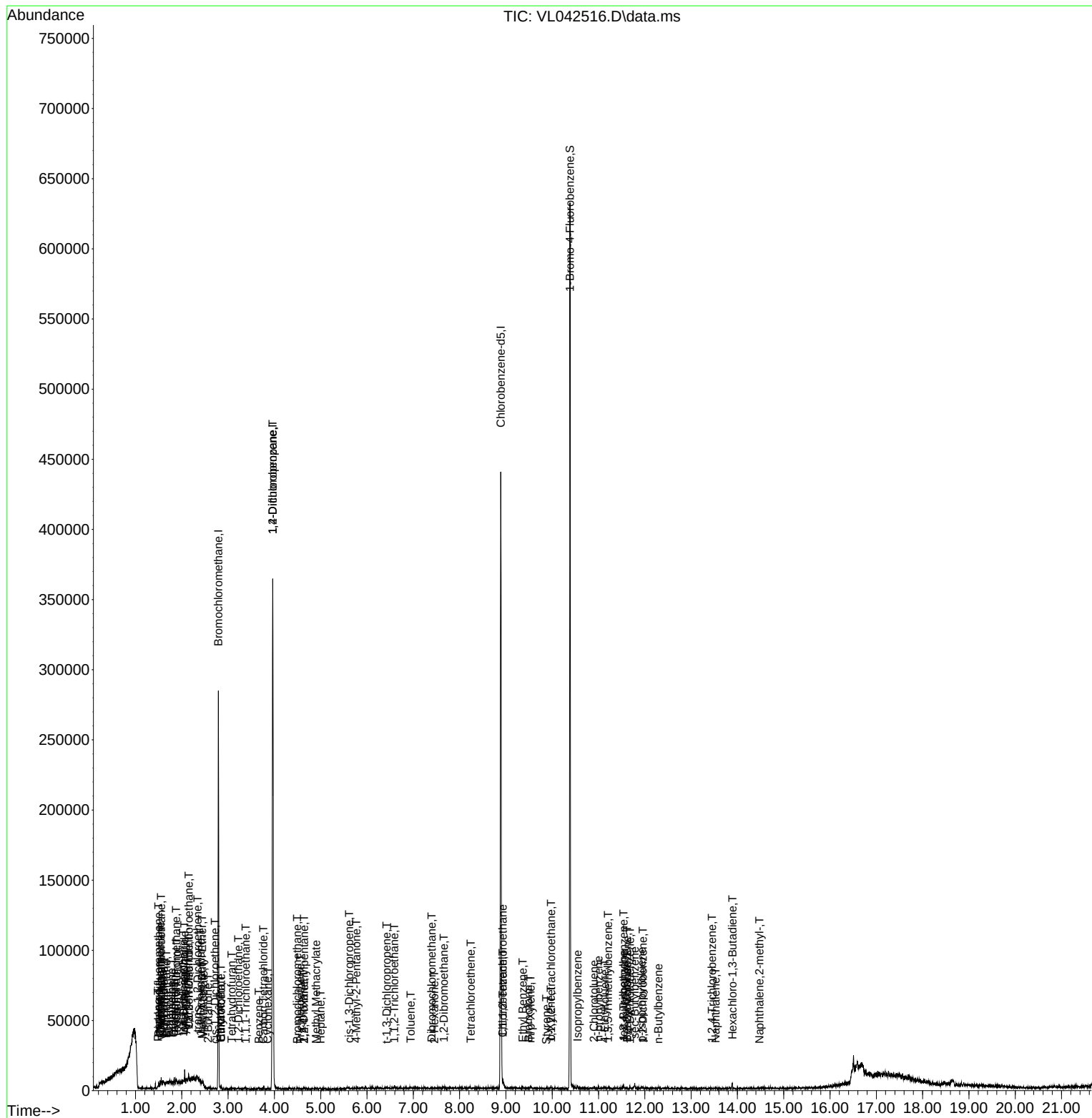
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	96	0.010	ppbv #	41
47) 1,1,2-Trichloroethane	6.587	97	35	0.005	ppbv #	20
48) Dibromochloromethane	7.396	129	251	0.021	ppbv	64
49) Bromoform	9.487	173	146	0.015	ppbv #	27
50) 4-Methyl-2-Pentanone	5.768	43	12	0.001	ppbv #	38
51) 2-Hexanone	7.454	43	69	0.005	ppbv #	31
52) Tetrachloroethene	8.241	164	13	0.002	ppbv #	1
53) Toluene	6.943	91	125	0.007	ppbv #	1
54) 1,2-Dibromoethane	7.661	107	103	0.009	ppbv #	11
56) 1,1,1,2-Tetrachloroethane	8.930	131	226	0.025	ppbv #	10
57) Chlorobenzene	8.930	112	101	0.006	ppbv #	65
58) Ethyl Benzene	9.364	91	407	0.016	ppbv #	47
59) m/p-Xylene	9.535	91	251	0.012	ppbv #	33
60) o-Xylene	9.972	91	235	0.011	ppbv #	47
61) Styrene	9.872	104	69	0.008	ppbv #	1
62) Isopropylbenzene	10.545	105	484	0.015	ppbv #	79
63) 1,1,2,2-Tetrachloroethane	9.976	83	267	0.018	ppbv #	71
64) n-propylbenzene	11.002	120	66	0.009	ppbv #	1
65) tert-Butylbenzene	11.539	119	234	0.008	ppbv #	1
66) Benzyl Chloride	11.617	91	49	0.015	ppbv #	67
67) sec-Butylbenzene	11.782	105	277	0.007	ppbv #	87
69) p-Isopropyltoluene	11.930	119	297	0.009	ppbv #	80
70) n-Butylbenzene	12.290	91	185	0.005	ppbv #	58
71) 2-Chlorotoluene	10.904	91	465	0.019	ppbv	75
72) 4-Ethyltoluene	11.134	105	194	0.008	ppbv #	41
73) 1,3,5-Trimethylbenzene	11.209	105	309	0.014	ppbv #	53
74) 1,2,4-Trimethylbenzene	11.542	105	419	0.015	ppbv #	52
75) 1,3-Dichlorobenzene	11.617	146	213	0.014	ppbv #	80
76) 1,4-Dichlorobenzene	11.681	146	94	0.007	ppbv #	1
77) 1,2-Dichlorobenzene	11.956	146	399	0.027	ppbv	78
78) Hexachloro-1,3-Butadiene	13.892	225	386	0.026	ppbv	50
79) Naphthalene	13.529	128	173	0.007	ppbv #	70
80) Naphthalene,2-methyl-	14.474	142	31	0.002	ppbv #	1
81) 1,2,4-Trichlorobenzene	13.448	180	86	0.007	ppbv #	82

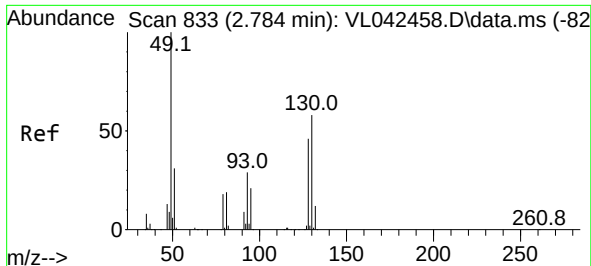
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.790 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

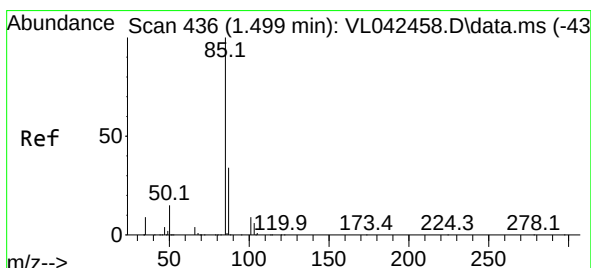
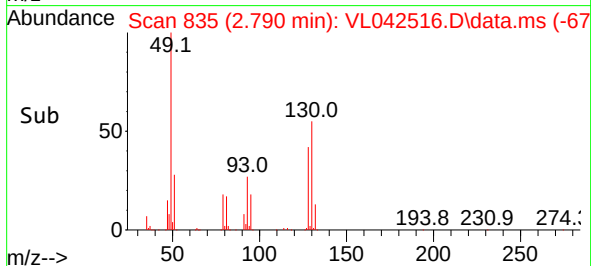
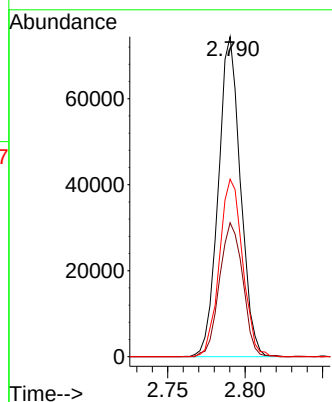
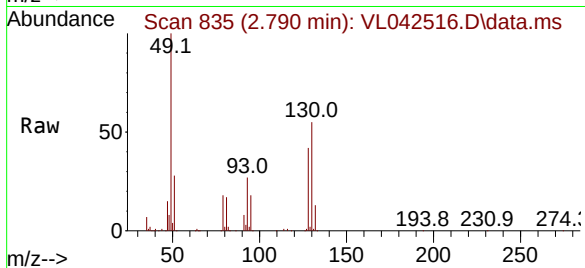
Tgt Ion: 49 Resp: 74074

Ion Ratio Lower Upper

49 100

128 44.0 23.3 69.9

130 58.2 29.5 88.6



#2

Dichlorodifluoromethane

Concen: 0.045 ppbv

RT: 1.499 min Scan# 436

Delta R.T. 0.000 min

Lab File: VL042516.D

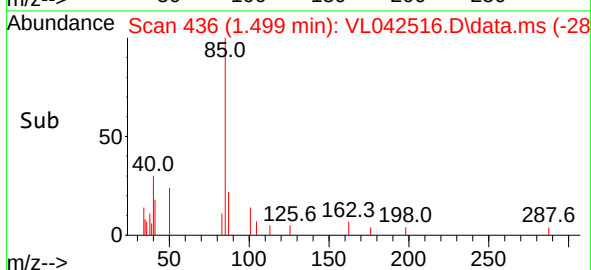
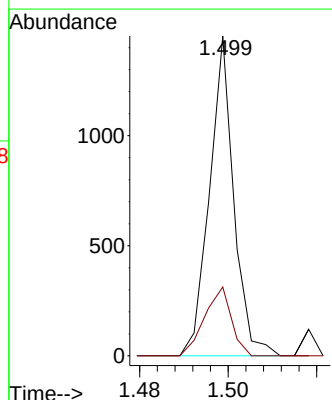
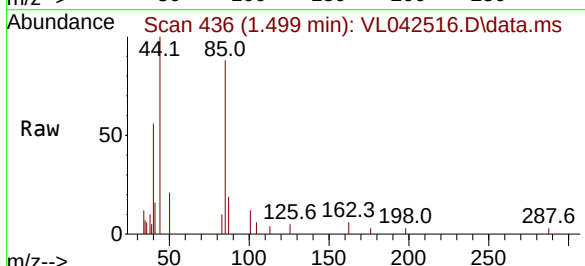
Acq: 07 May 2025 13:50

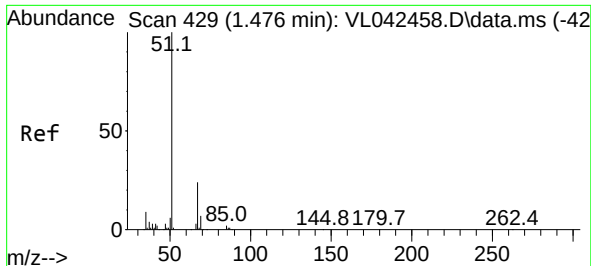
Tgt Ion: 85 Resp: 554

Ion Ratio Lower Upper

85 100

87 21.5 26.9 40.3#

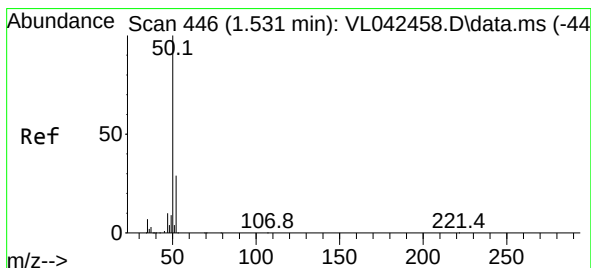
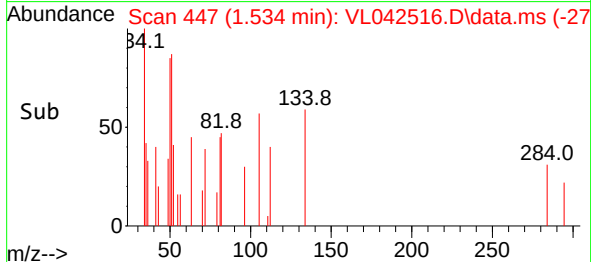
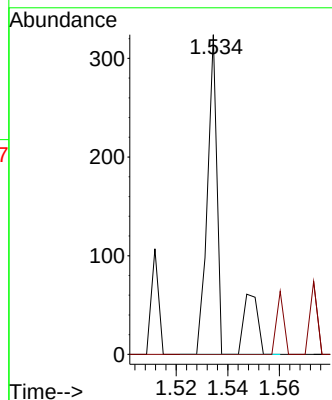
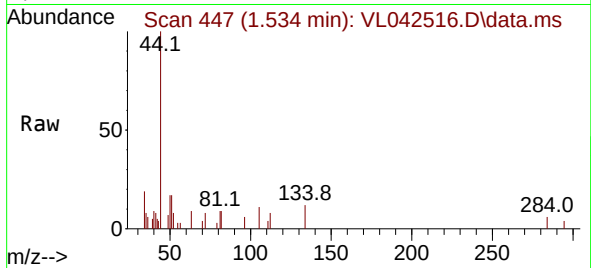




#3
Chlorodifluoromethane
Concen: 0.008 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.058 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

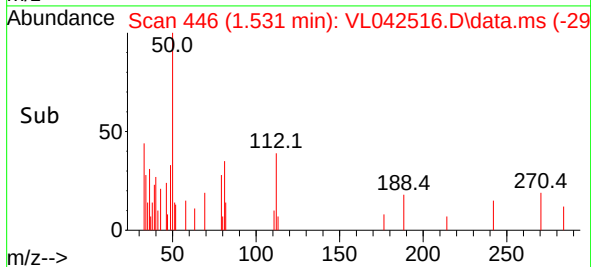
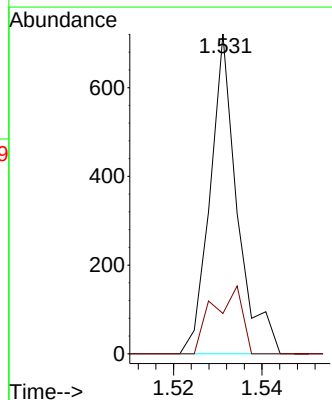
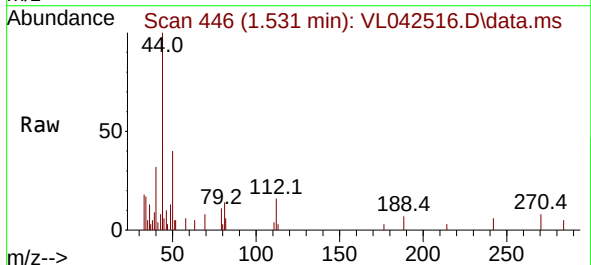
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

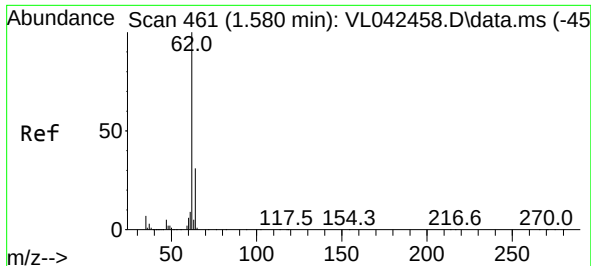
Tgt Ion: 51 Resp: 105
Ion Ratio Lower Upper
51 100
67 25.7 18.4 27.6



#4
Chloromethane
Concen: 0.060 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 50 Resp: 308
Ion Ratio Lower Upper
50 100
52 12.6 23.5 35.3#

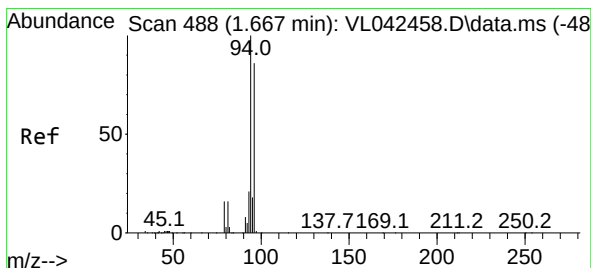
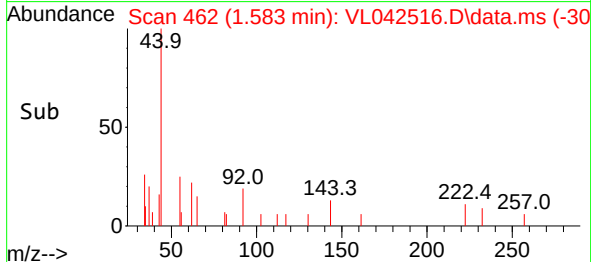
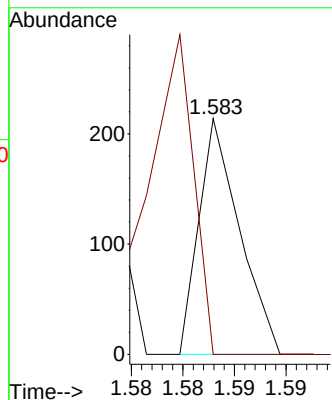
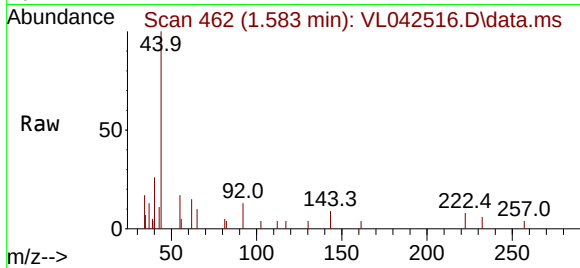




#5
 Vinyl Chloride
 Concen: 0.011 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

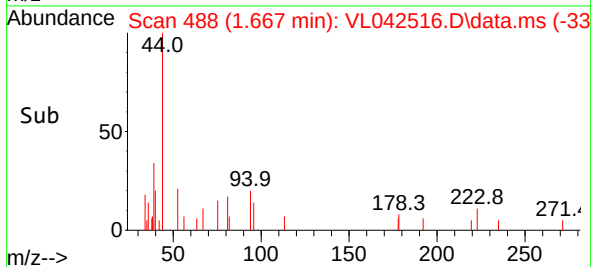
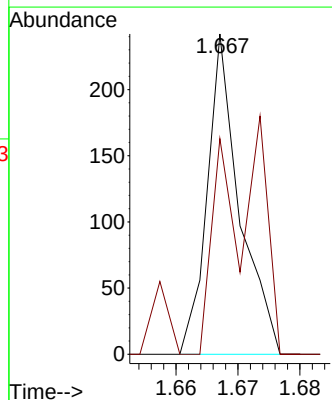
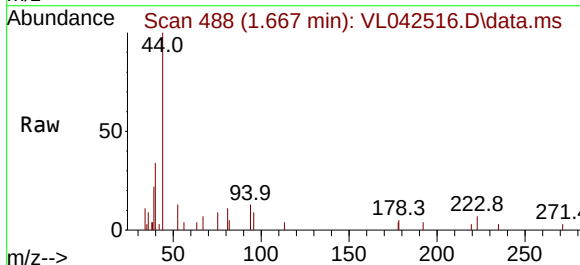
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

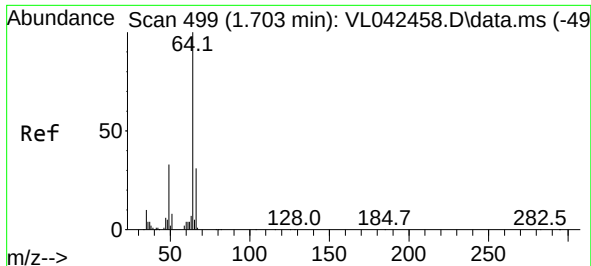
Tgt Ion: 62 Resp: 58
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.9 37.3#



#6
 Bromomethane
 Concen: 0.036 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion: 94 Resp: 88
 Ion Ratio Lower Upper
 94 100
 96 67.4 68.8 103.2#

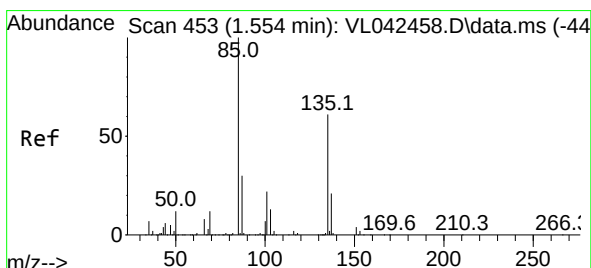
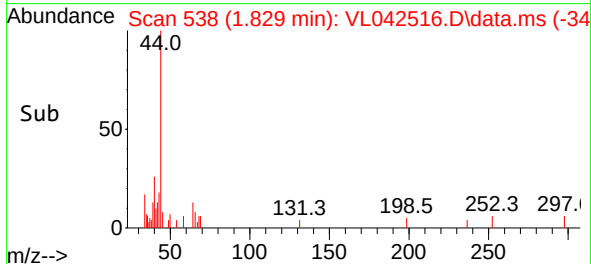
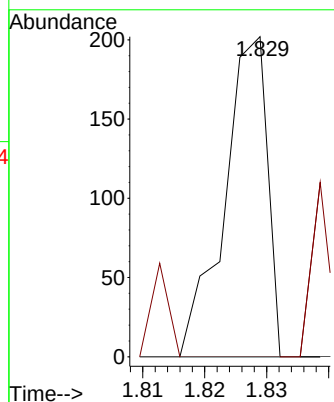
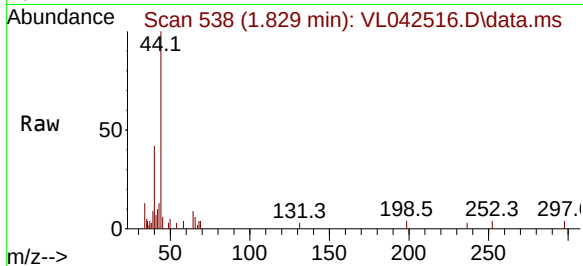




#7
Chloroethane
Concen: 0.051 ppbv
RT: 1.829 min Scan# 51
Delta R.T. 0.126 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

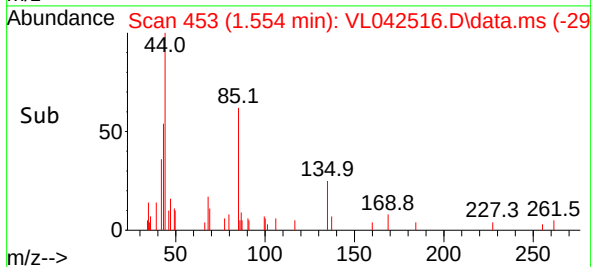
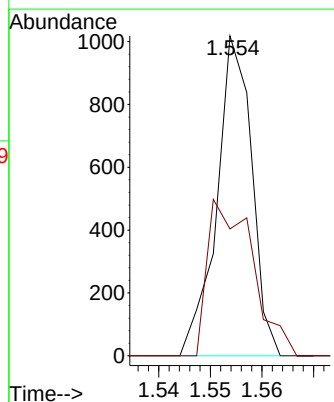
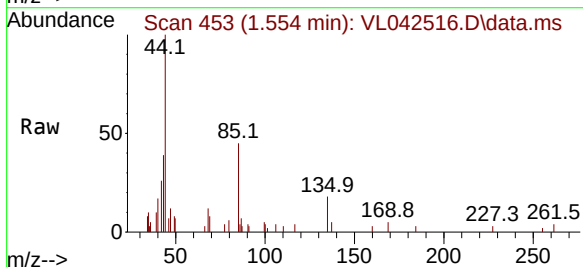
Instrument :
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ClientSampleId :
MDL2 0.03

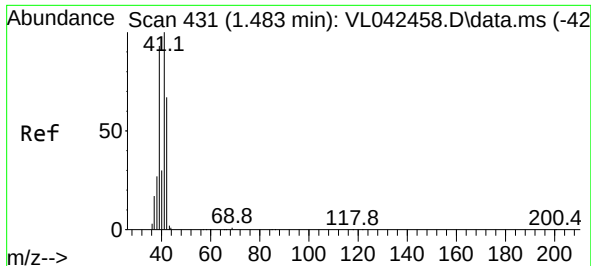
Tgt Ion: 64 Resp: 97
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.047 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 85 Resp: 479
Ion Ratio Lower Upper
85 100
135 66.0 49.8 74.8





#9

Propene

Concen: 0.057 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

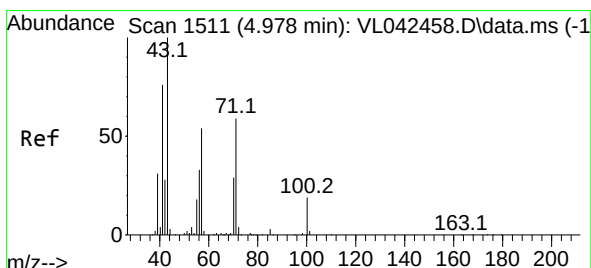
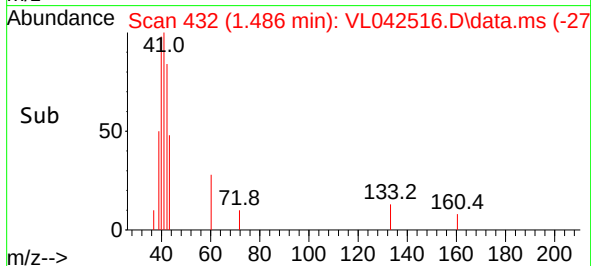
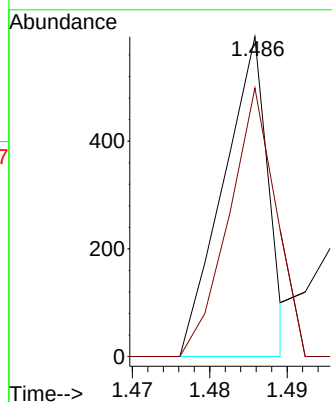
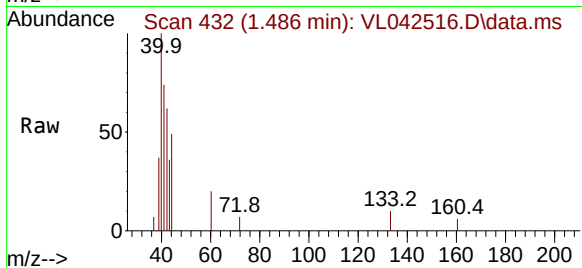
MDL2 0.03

Tgt Ion: 41 Resp: 242

Ion Ratio Lower Upper

41 100

42 119.0 54.3 81.5#



#10

Heptane

Concen: 0.013 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL042516.D

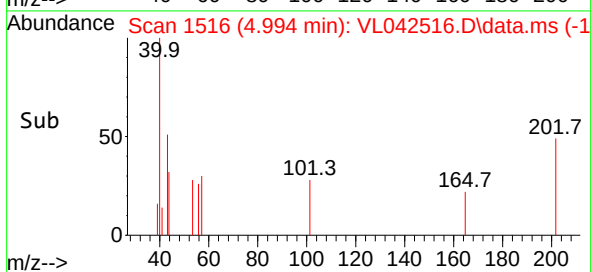
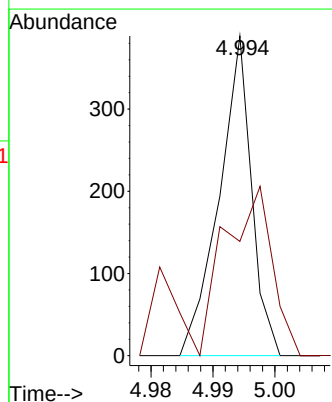
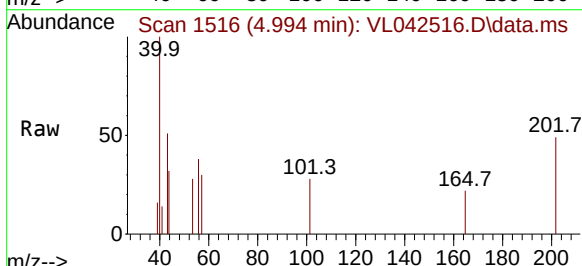
Acq: 07 May 2025 13:50

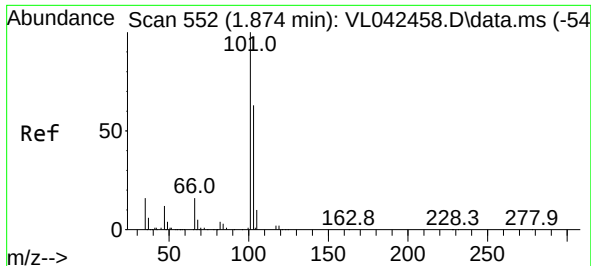
Tgt Ion: 43 Resp: 141

Ion Ratio Lower Upper

43 100

57 124.1 41.8 62.8#

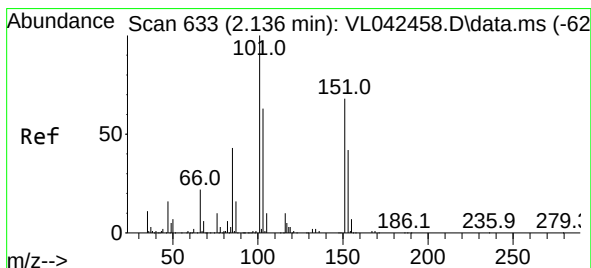
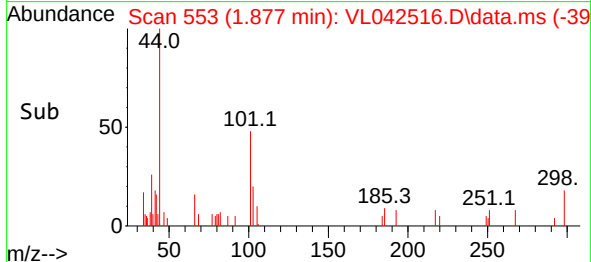
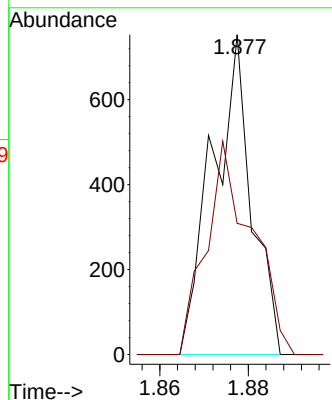
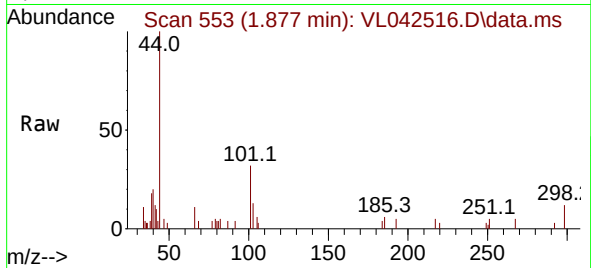




#11
 Trichlorofluoromethane
 Concen: 0.041 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

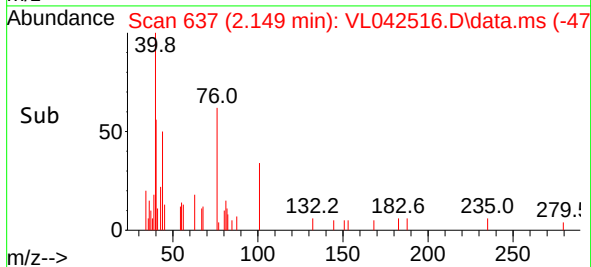
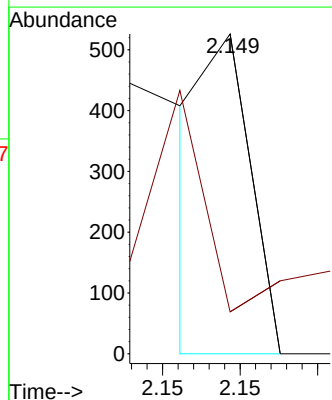
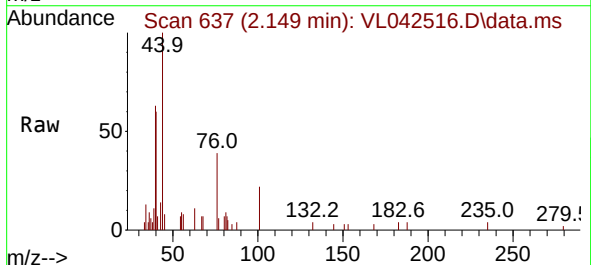
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

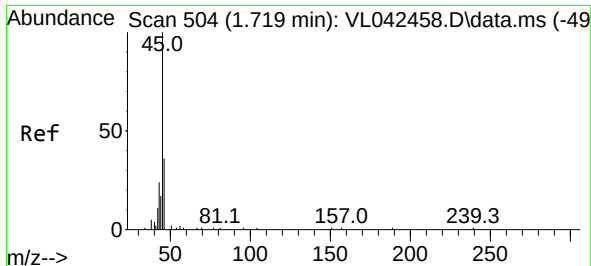
Tgt Ion:101 Resp: 462
 Ion Ratio Lower Upper
 101 100
 103 41.0 50.6 76.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.011 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.013 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion:101 Resp: 102
 Ion Ratio Lower Upper
 101 100
 151 308.8 54.6 82.0#

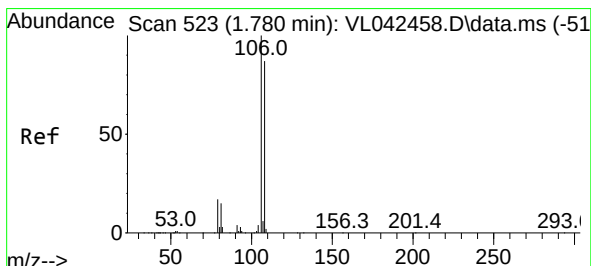
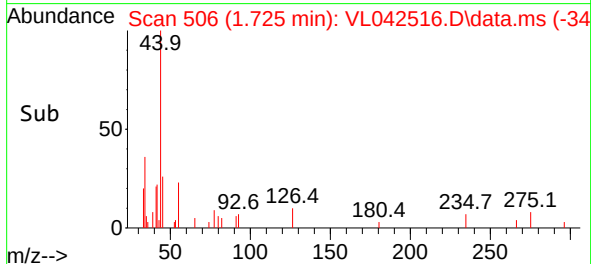
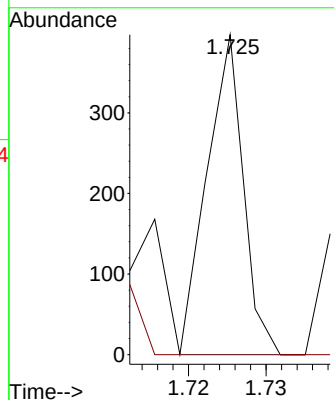
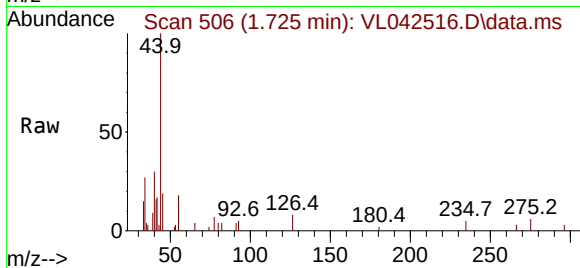




#13
 Ethanol
 Concen: 0.150 ppbv
 RT: 1.725 min Scan# 504
 Delta R.T. 0.007 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

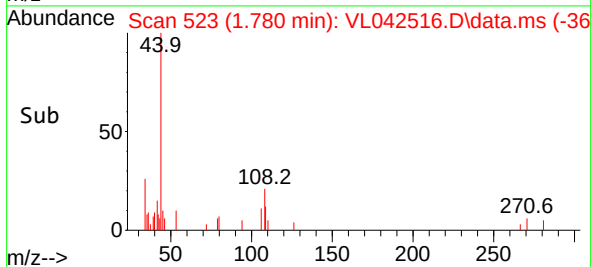
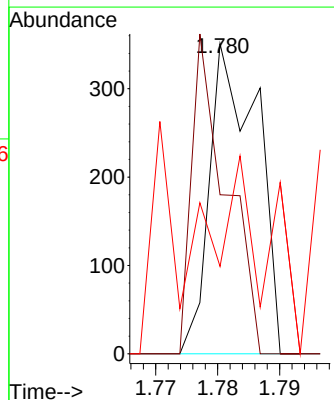
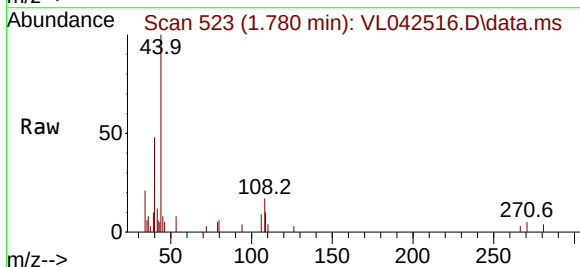
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

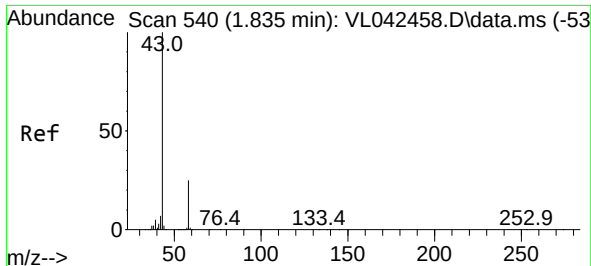
Tgt Ion: 45 Resp: 129
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.1#



#14
 Bromoethene
 Concen: 0.056 ppbv
 RT: 1.780 min Scan# 523
 Delta R.T. 0.000 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion: 108 Resp: 187
 Ion Ratio Lower Upper
 108 100
 106 74.9 88.8 133.2#
 79 162.6 17.1 25.7#

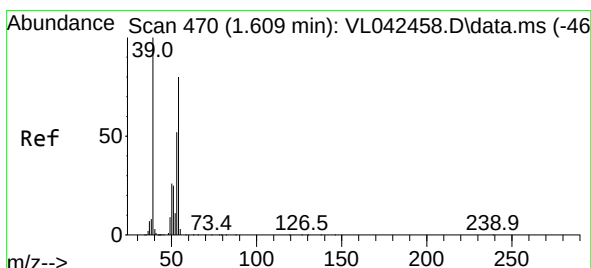
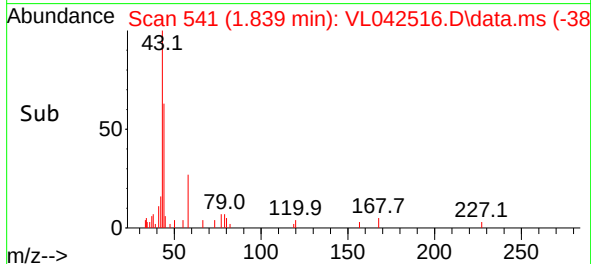
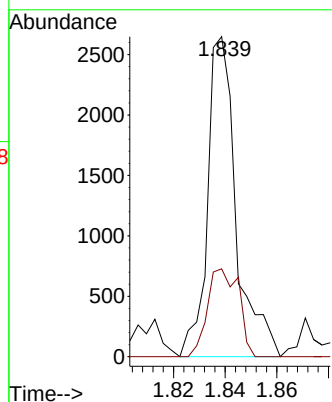
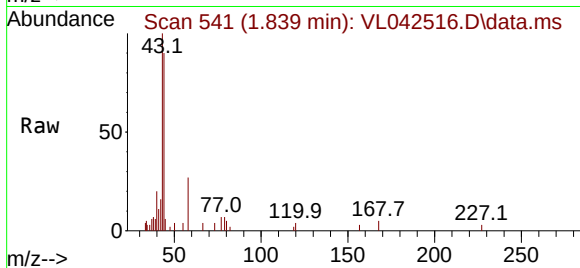




#15
Acetone
Concen: 0.151 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

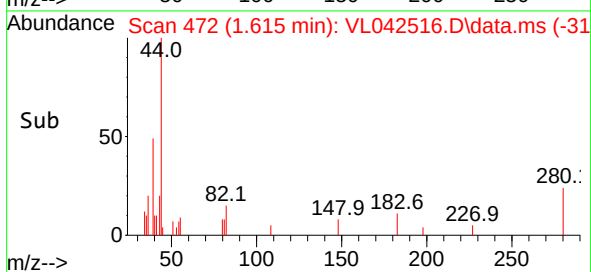
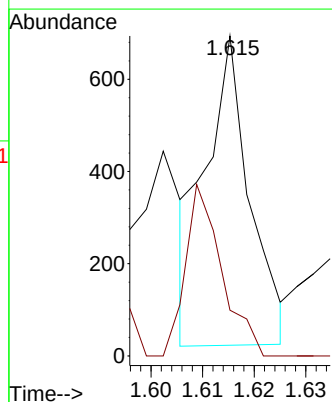
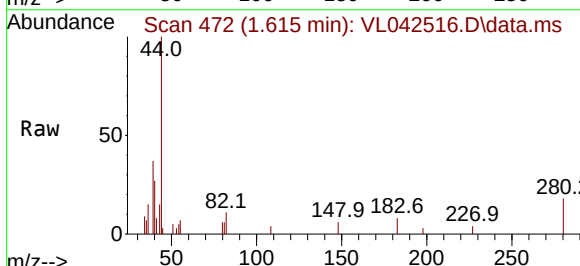
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

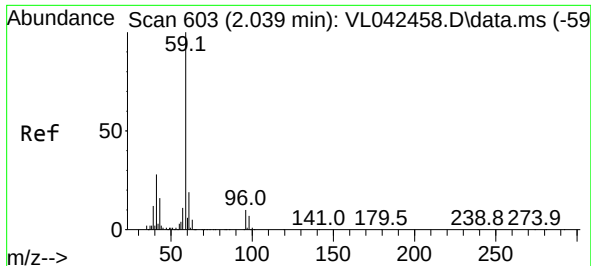
Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
58 30.1 19.8 29.8#



#16
1,3-Butadiene
Concen: 0.067 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 39 Resp: 400
Ion Ratio Lower Upper
39 100
54 50.2 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.034 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.007 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

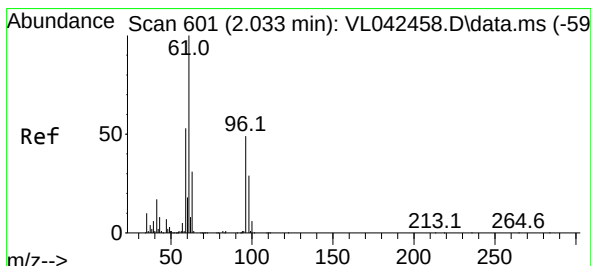
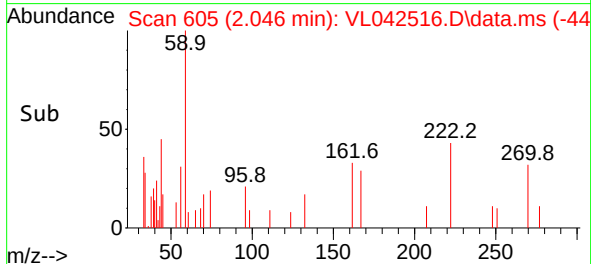
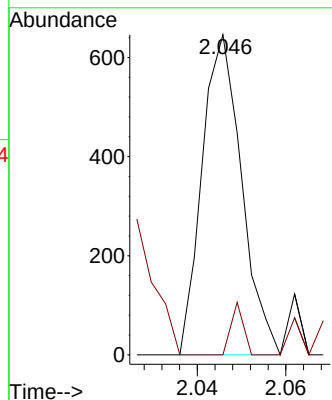
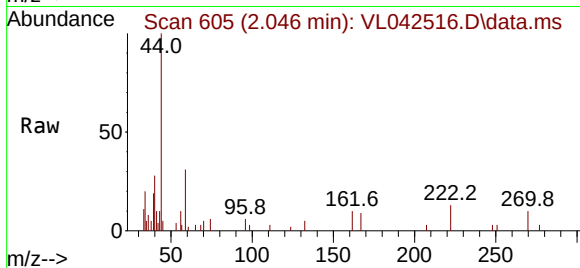
MDL2 0.03

Tgt Ion: 59 Resp: 400

Ion Ratio Lower Upper

59 100

57 42.0 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.010 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.003 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

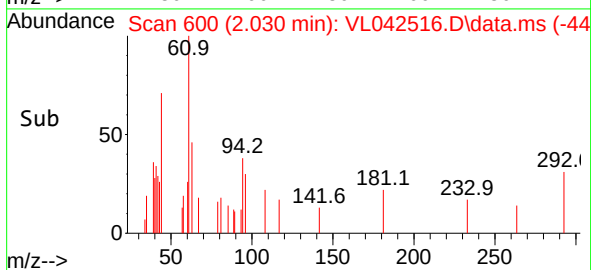
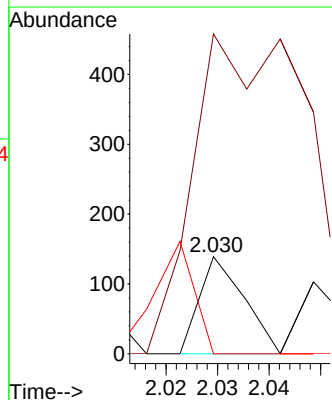
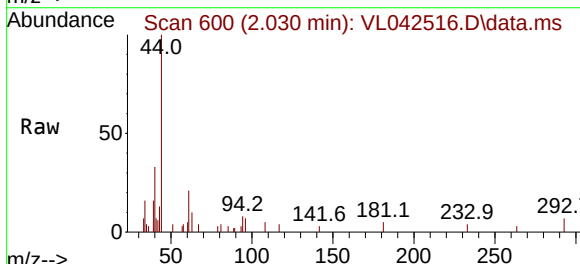
Tgt Ion: 96 Resp: 42

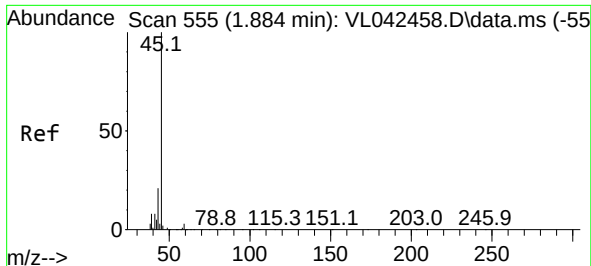
Ion Ratio Lower Upper

96 100

61 223.0 164.9 247.3

98 0.0 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.080 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

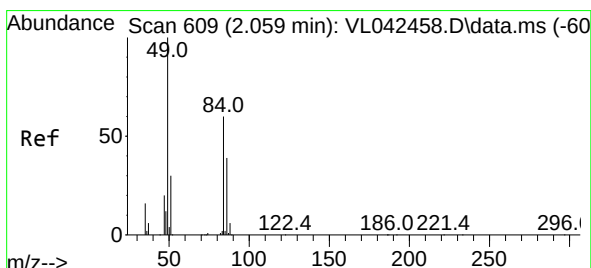
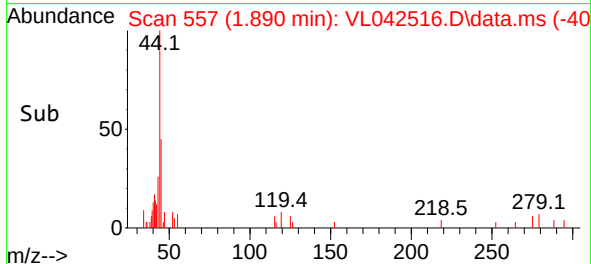
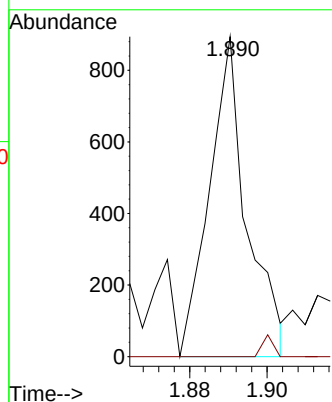
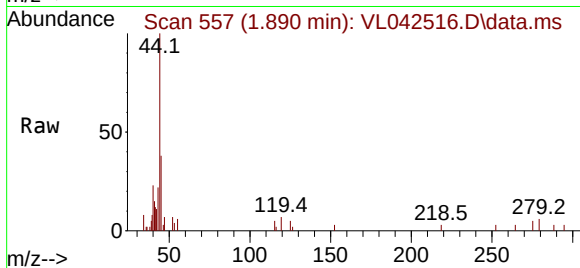
MDL2 0.03

Tgt Ion: 45 Resp: 598

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#



#20

Methylene Chloride

Concen: 0.241 ppbv

RT: 2.059 min Scan# 609

Delta R.T. 0.000 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Tgt Ion: 84 Resp: 978

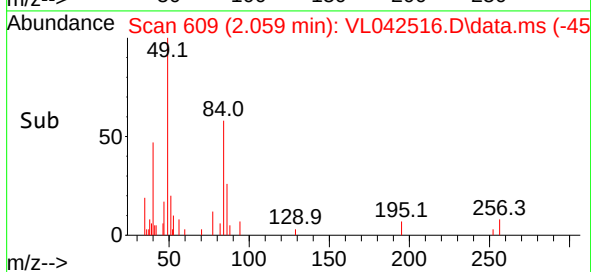
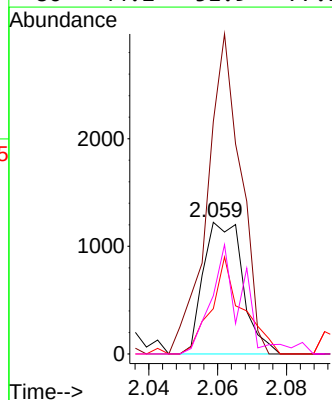
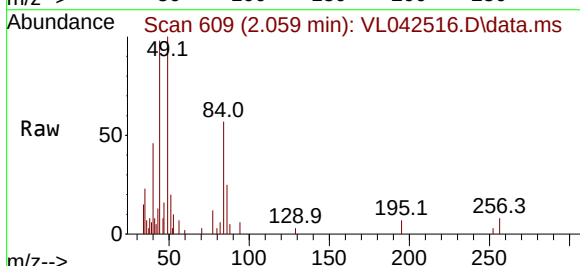
Ion Ratio Lower Upper

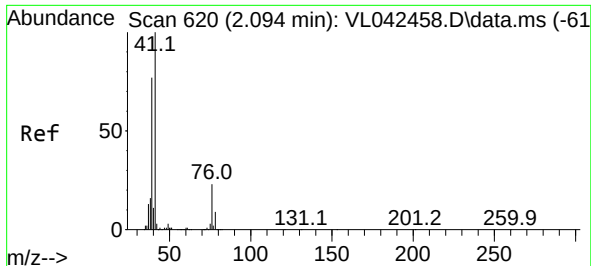
84 100

49 176.3 133.9 200.9

51 34.4 41.0 61.6#

86 44.2 51.9 77.9#

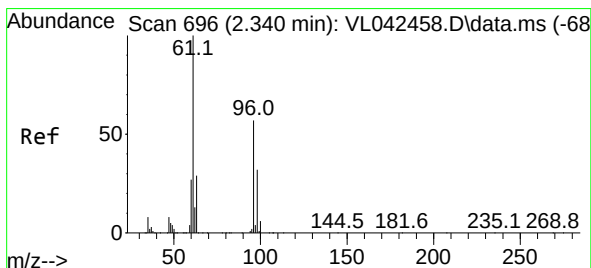
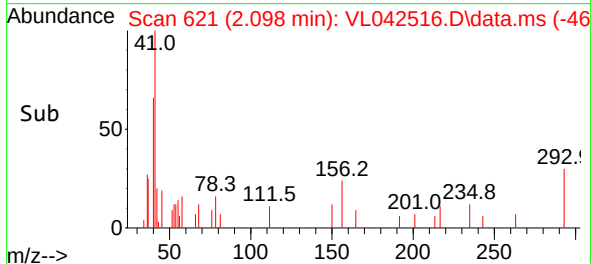
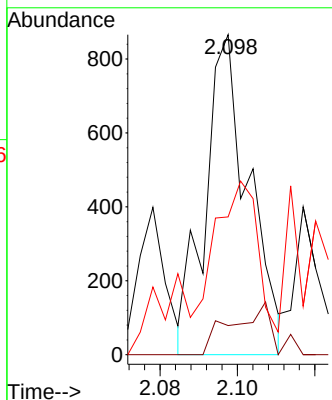
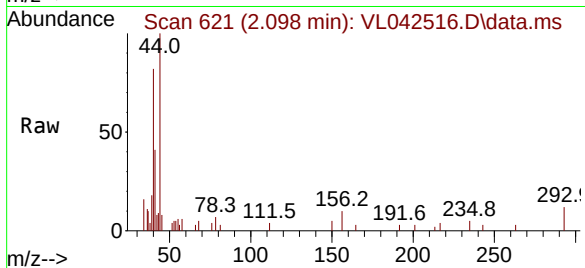




#21
 Allyl Chloride
 Concen: 0.078 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

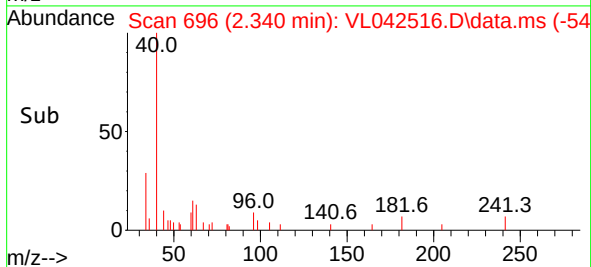
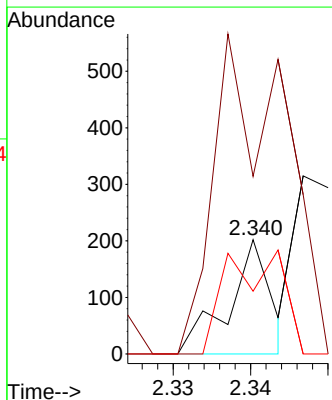
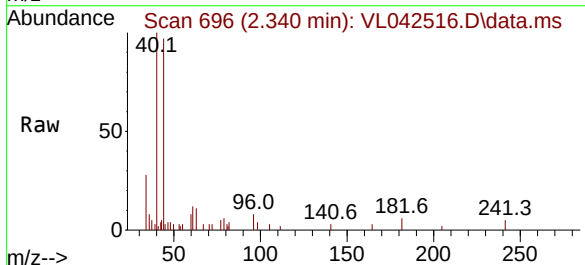
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

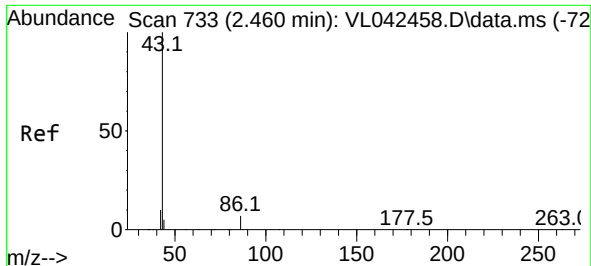
Tgt Ion: 41 Resp: 676
 Ion Ratio Lower Upper
 41 100
 76 15.5 19.6 29.4#
 39 95.7 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.016 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion: 96 Resp: 77
 Ion Ratio Lower Upper
 96 100
 61 155.4 141.8 212.6
 98 55.0 45.0 67.6

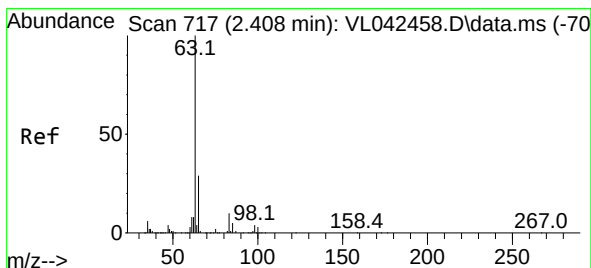
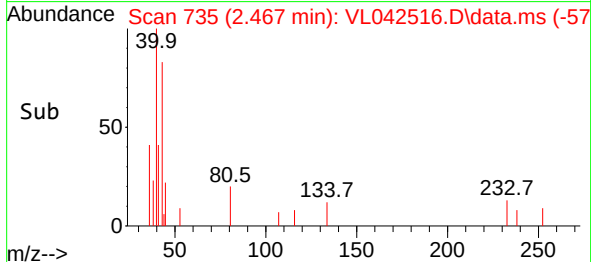
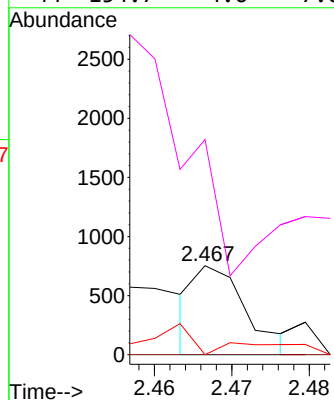
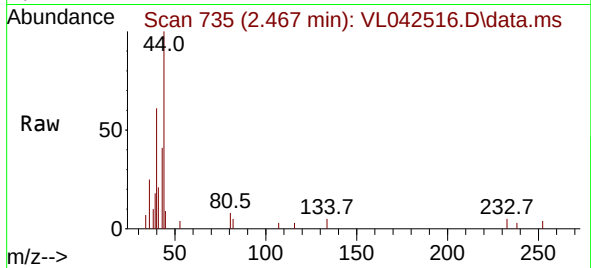




#23
 Vinyl Acetate
 Concen: 0.027 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

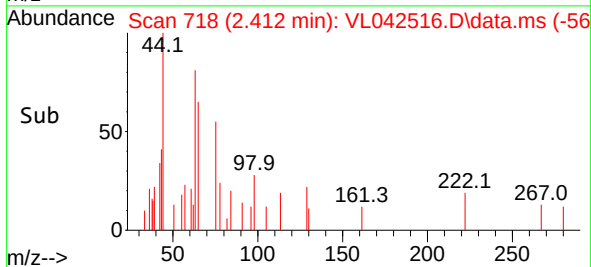
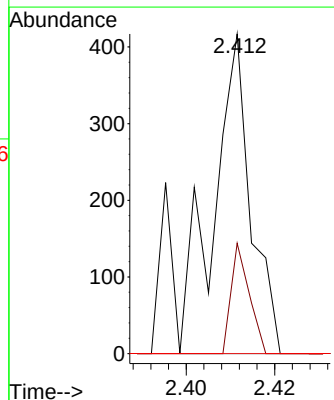
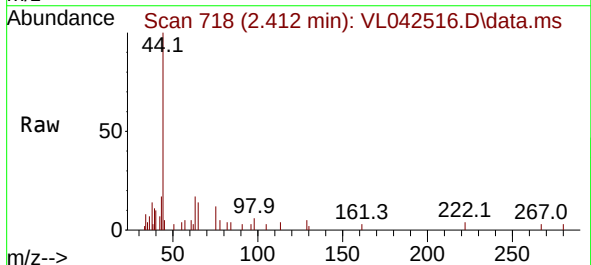
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

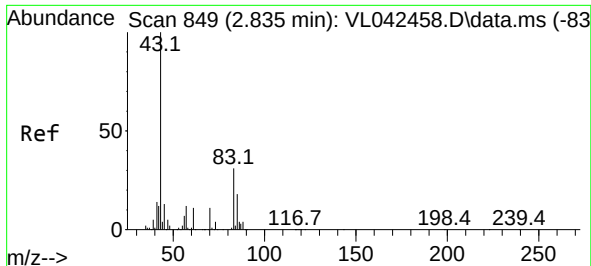
Tgt Ion:	43	Resp:	348
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#
42	0.0	8.3	12.5#
44	154.7	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.024 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion:	63	Resp:	246
Ion	Ratio	Lower	Upper
63	100		
98	34.5	1.8	5.5#
100	0.0	1.4	4.2#

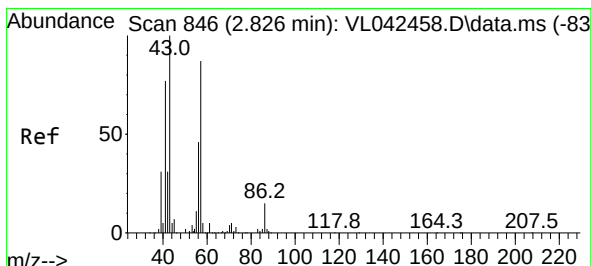
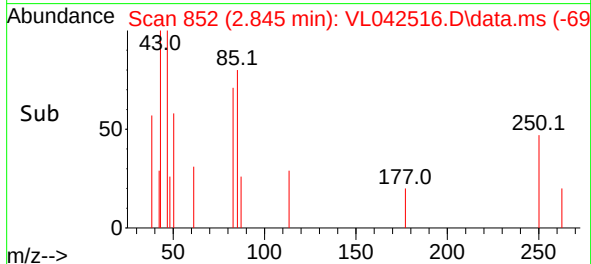
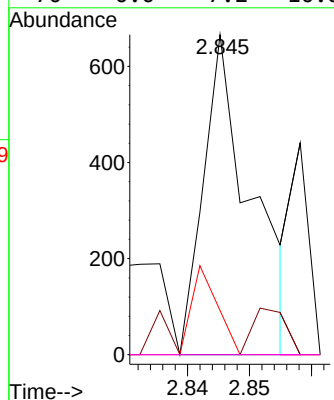
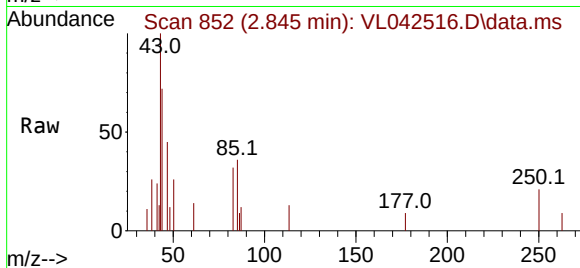




#25
Ethyl Acetate
Concen: 0.016 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

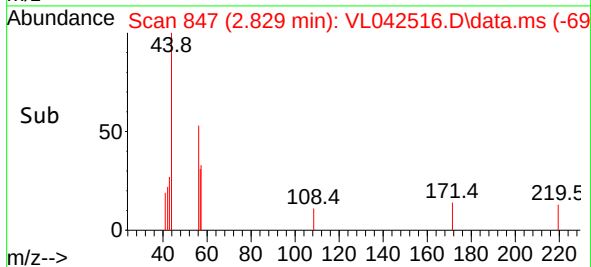
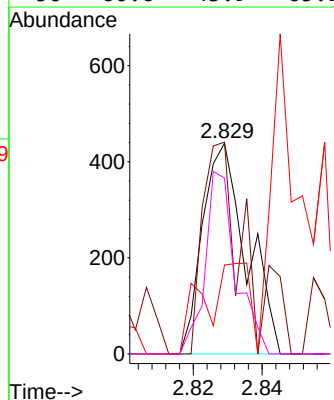
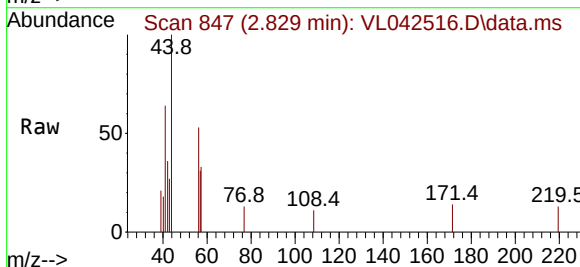
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

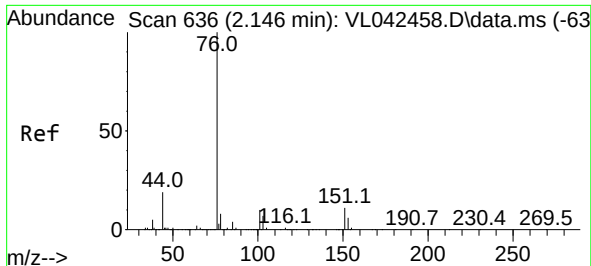
Tgt Ion: 43	Resp: 356
Ion Ratio	Lower Upper
43 100	
45 0.0	7.8 11.6#
61 15.2	7.2 10.8#
70 0.0	7.2 10.8#



#26
Hexane
Concen: 0.041 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 57	Resp:	388	
Ion	Ratio	Lower	Upper
57	100		
41	133.8	77.8	116.8#
43	158.5	187.0	280.6#
56	60.6	43.9	65.9





#27

Carbon Disulfide

Concen: 0.050 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

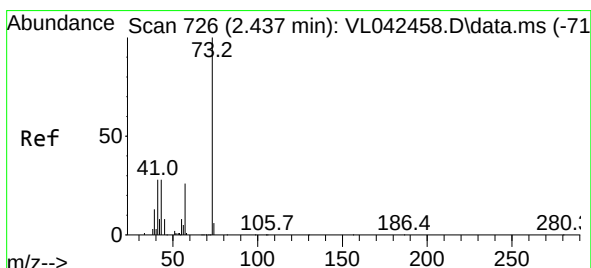
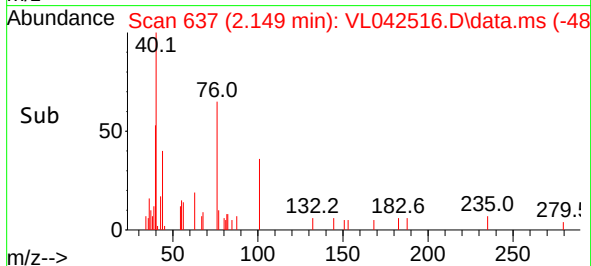
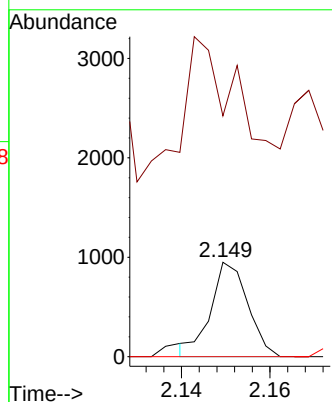
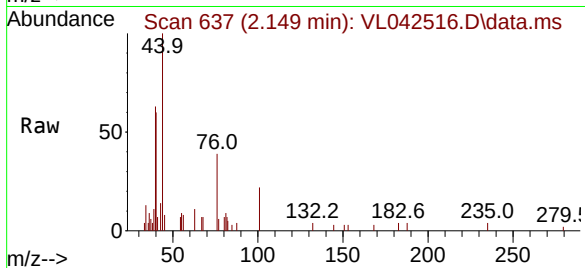
Tgt Ion: 76 Resp: 551

Ion Ratio Lower Upper

76 100

44 287.5 21.0 31.6#

78 0.0 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.009 ppbv

RT: 2.437 min Scan# 726

Delta R.T. 0.000 min

Lab File: VL042516.D

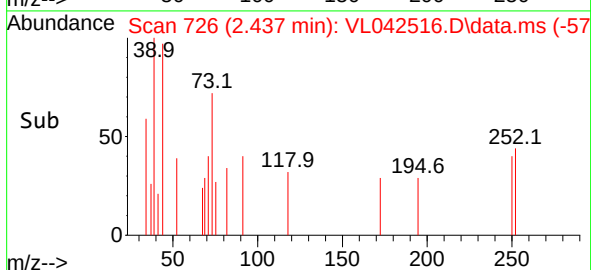
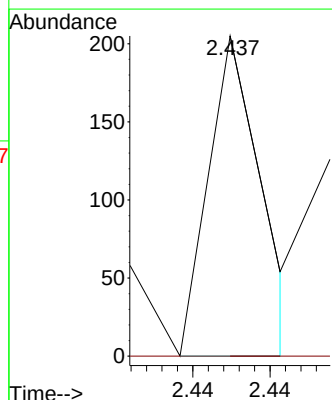
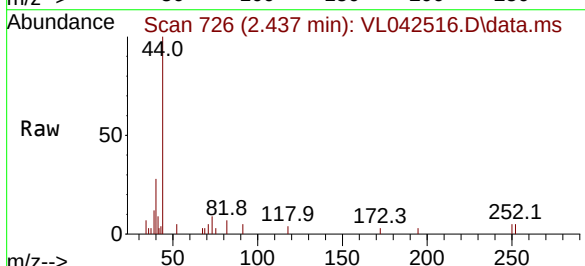
Acq: 07 May 2025 13:50

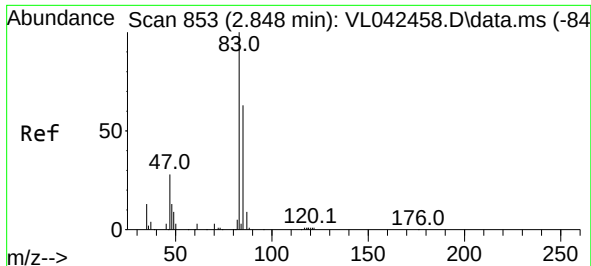
Tgt Ion: 73 Resp: 50

Ion Ratio Lower Upper

73 100

57 0.0 19.9 29.9#





#29

Chloroform

Concen: 0.035 ppbv

RT: 2.848 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

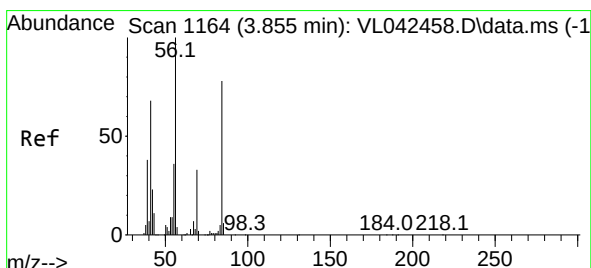
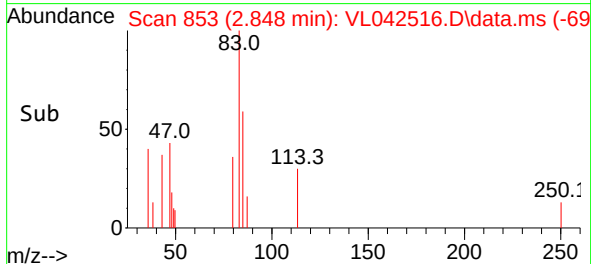
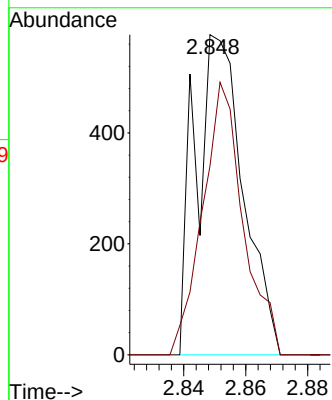
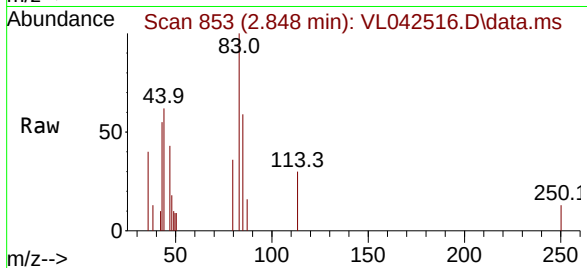
MDL2 0.03

Tgt Ion: 83 Resp: 618

Ion Ratio Lower Upper

83 100

85 58.9 50.4 75.6



#30

Cyclohexane

Concen: 0.011 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

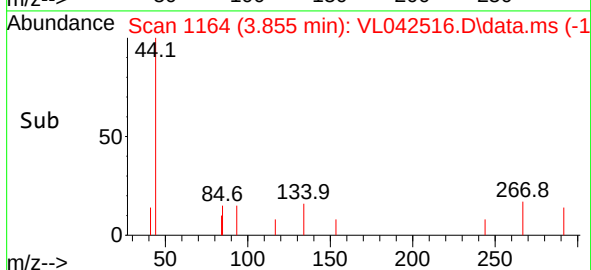
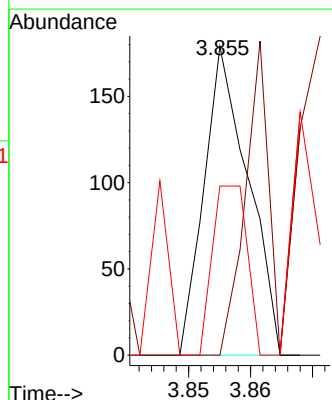
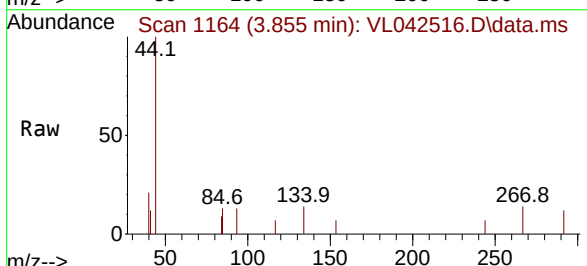
Tgt Ion: 84 Resp: 88

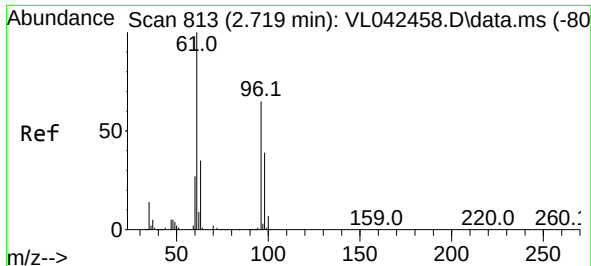
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

41 110.2 65.8 98.8#

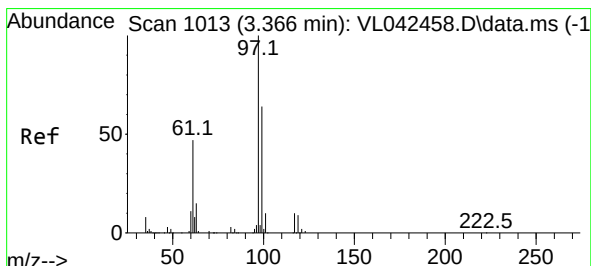
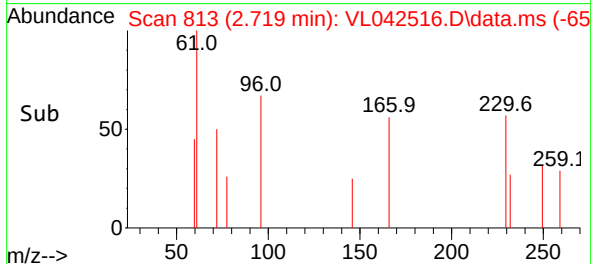
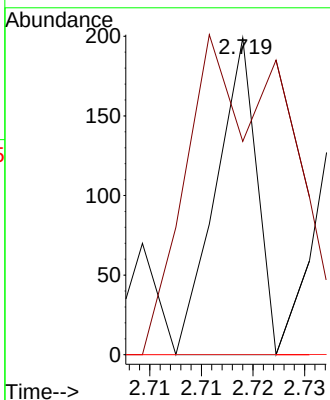
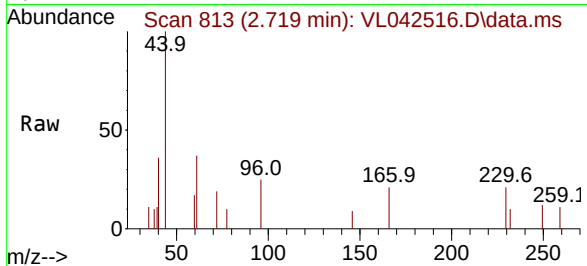




#31
 cis-1,2-Dichloroethene
 Concen: 0.005 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

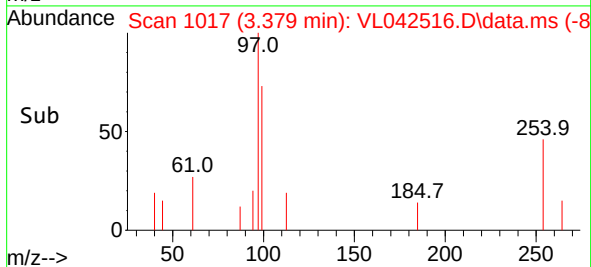
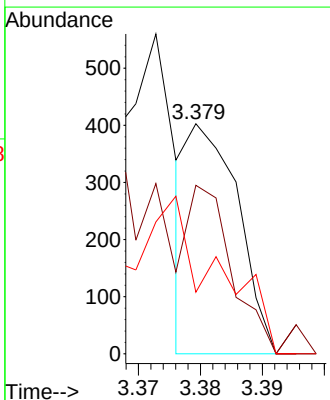
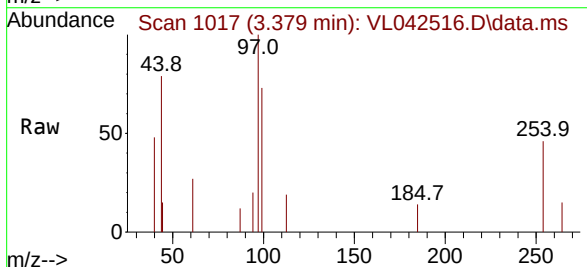
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

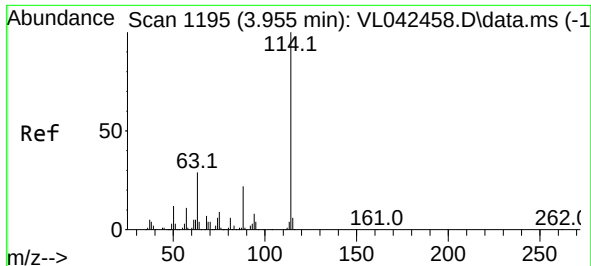
Tgt Ion:	61	Resp:	55
Ion	Ratio	Lower	Upper
61	100		
96	27.1	52.0	78.0#
98	0.0	31.0	46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.012 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.013 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion:	97	Resp:	226
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.7	76.1#
61	126.1	40.9	61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

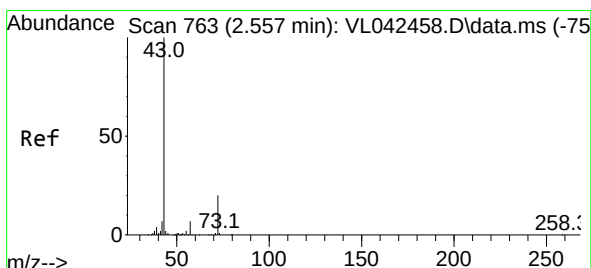
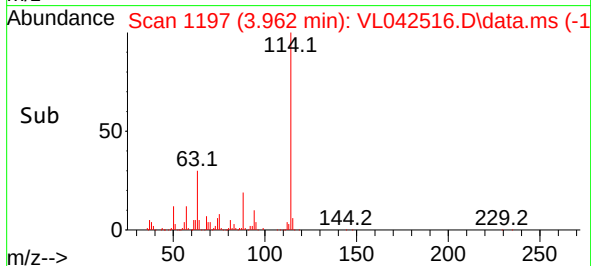
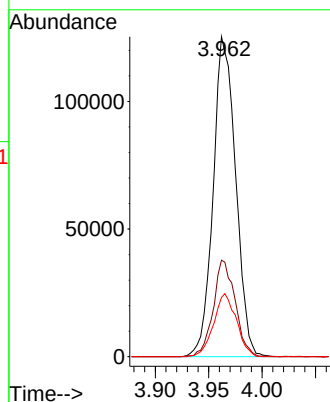
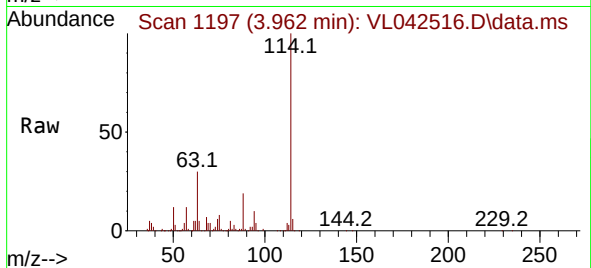
Tgt Ion:114 Resp: 183542

Ion Ratio Lower Upper

114 100

63 29.5 23.1 34.7

88 20.0 16.1 24.1



#34

2-Butanone

Concen: 0.019 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042516.D

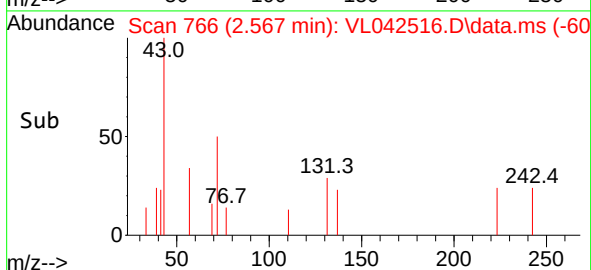
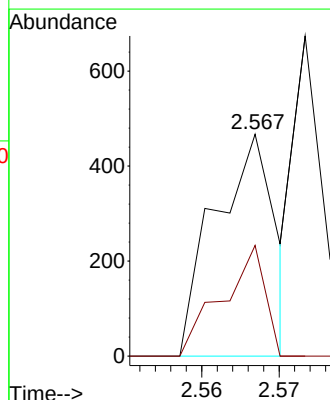
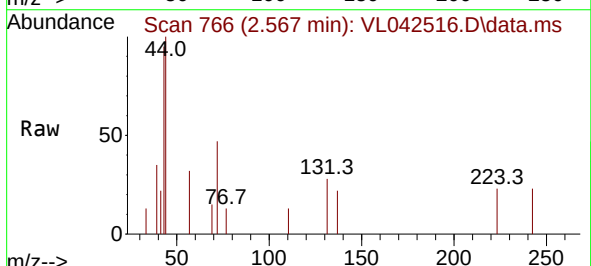
Acq: 07 May 2025 13:50

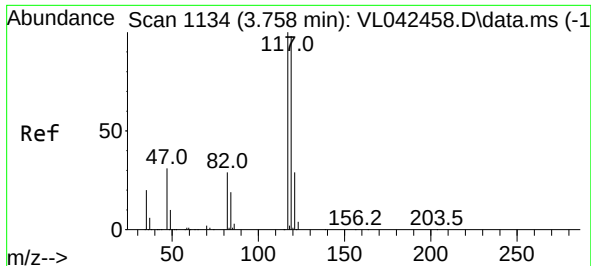
Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

72 42.0 16.7 25.1#

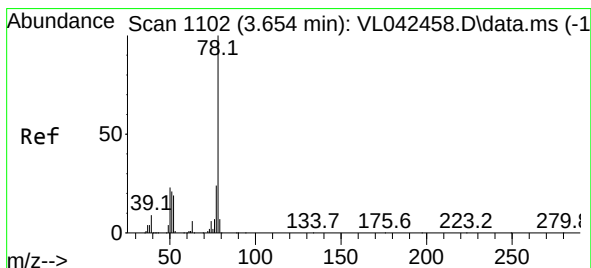
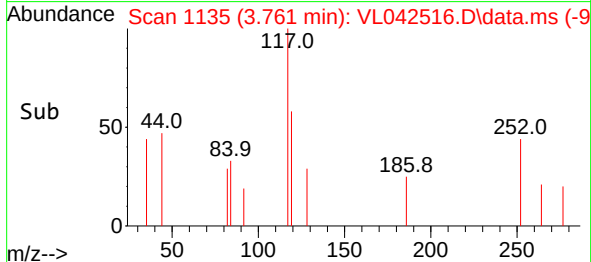
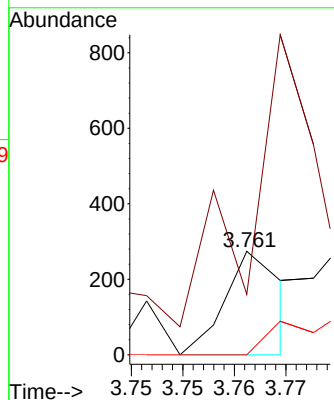
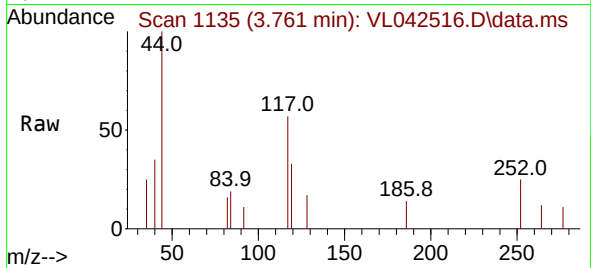




#35
Carbon Tetrachloride
Concen: 0.006 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

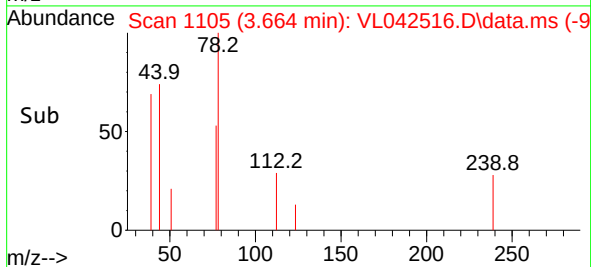
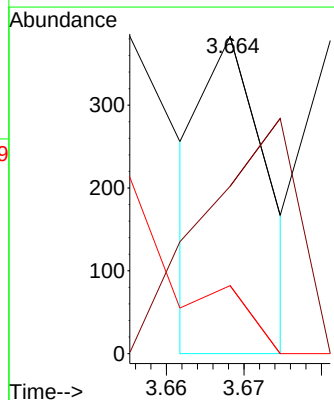
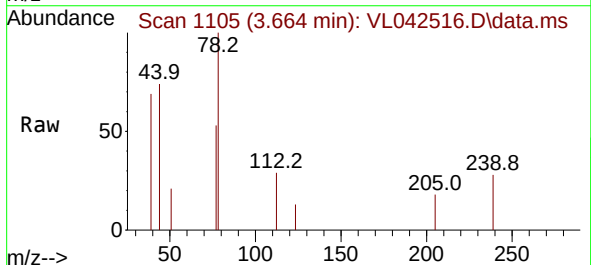
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

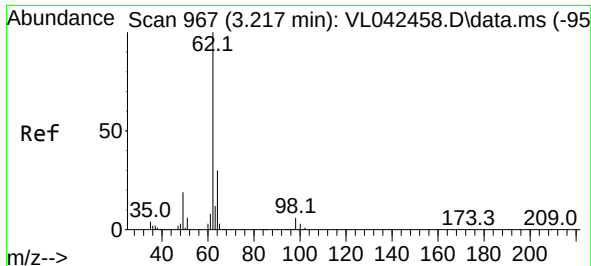
Tgt Ion:117 Resp: 107
Ion Ratio Lower Upper
117 100
119 31.4 78.1 117.1#
121 0.0 23.0 34.6#



#36
Benzene
Concen: 0.006 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 78 Resp: 107
Ion Ratio Lower Upper
78 100
77 31.0 18.9 28.3#
50 38.0 18.4 27.6#

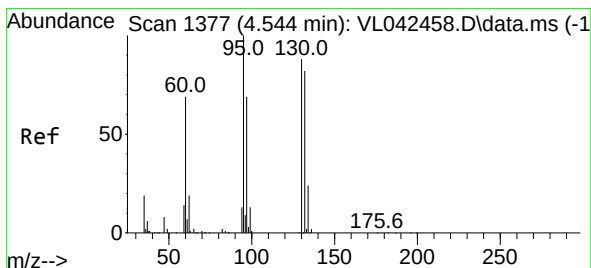
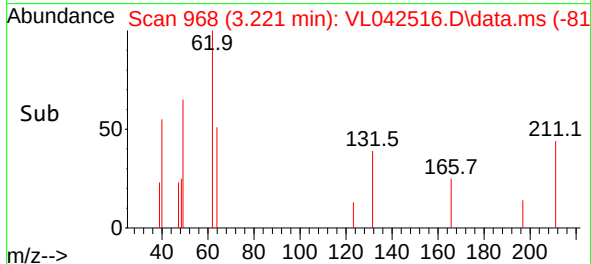
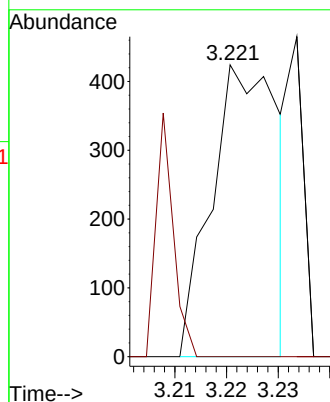
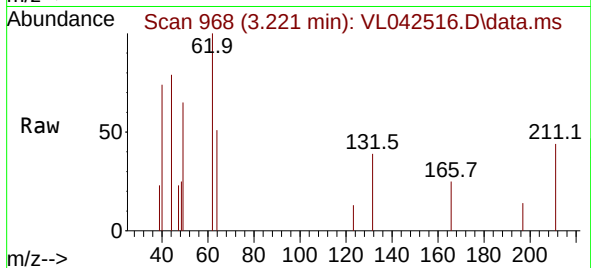




#37
 1,2-Dichloroethane
 Concen: 0.028 ppbv
 RT: 3.221 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

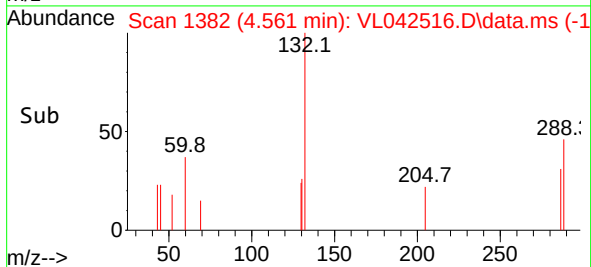
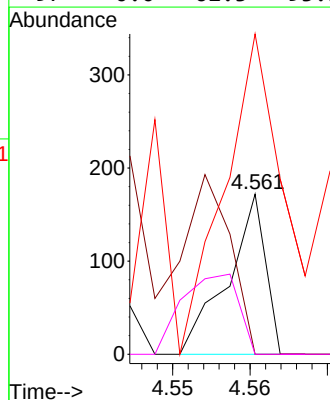
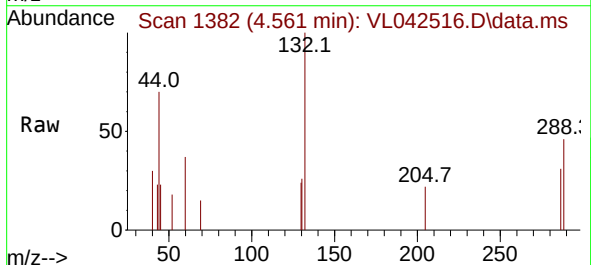
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

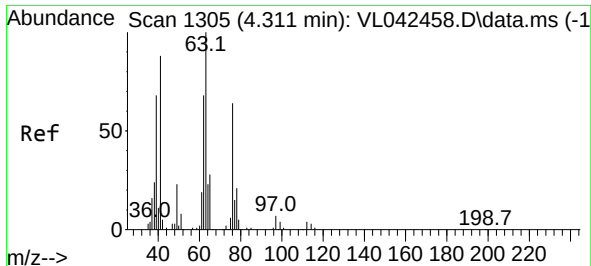
Tgt Ion: 62 Resp: 379
 Ion Ratio Lower Upper
 62 100
 98 21.9 4.3 6.5#



#38
 Trichloroethene
 Concen: 0.009 ppbv
 RT: 4.561 min Scan# 1382
 Delta R.T. 0.016 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion:130 Resp: 58
 Ion Ratio Lower Upper
 130 100
 95 0.0 91.0 136.4#
 132 200.0 74.2 111.4#
 97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.165 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.349 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

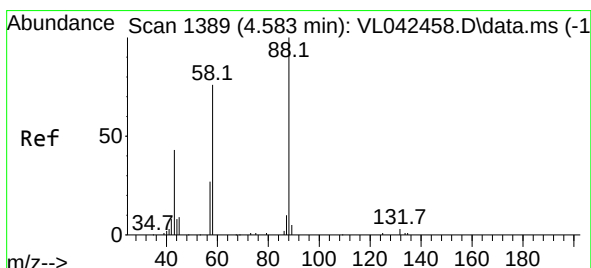
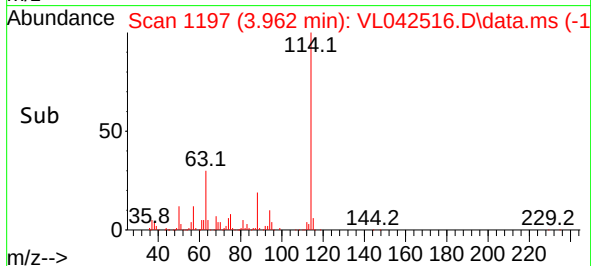
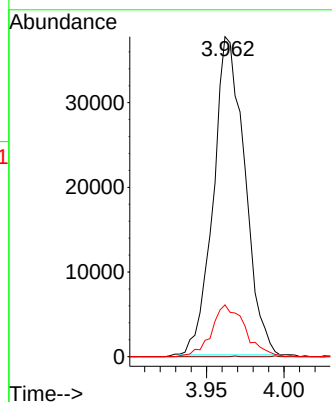
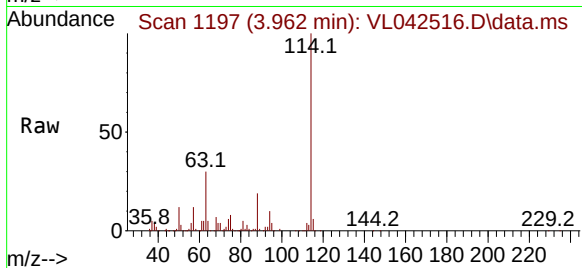
Tgt Ion: 63 Resp: 52944

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 16.0 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.008 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. 0.045 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Tgt Ion: 88 Resp: 24

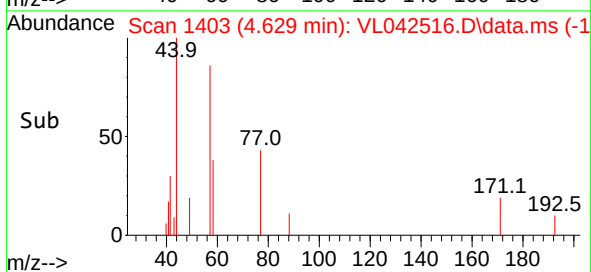
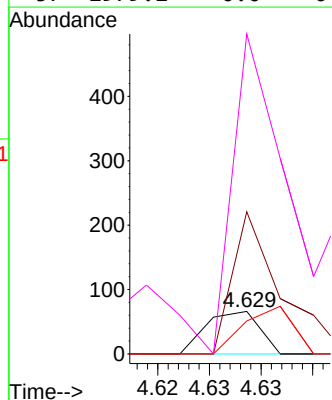
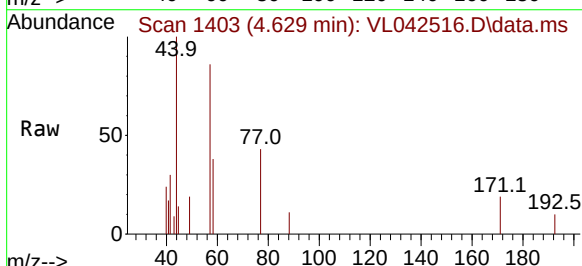
Ion Ratio Lower Upper

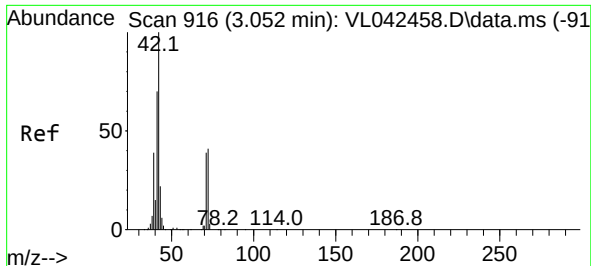
88 100

58 295.8 0.0 0.0#

43 0.0 0.0 0.0

57 2979.2 0.0 0.0#

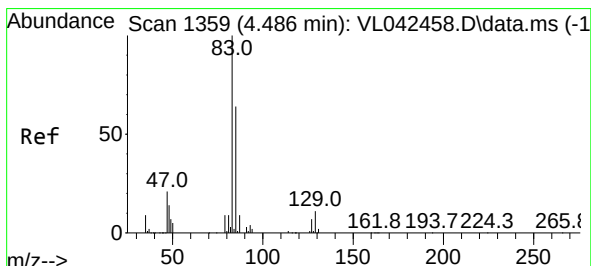
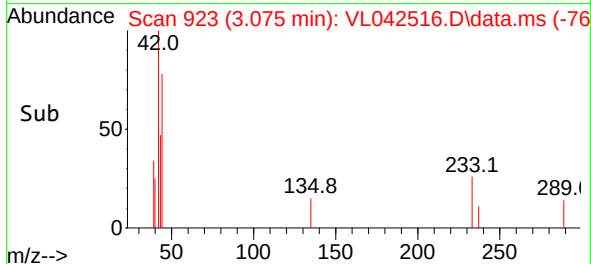
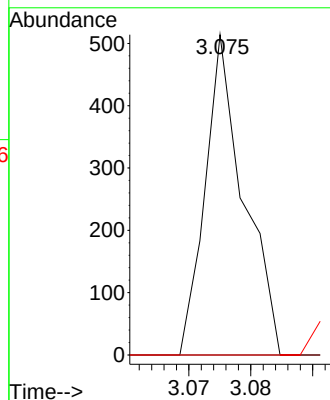
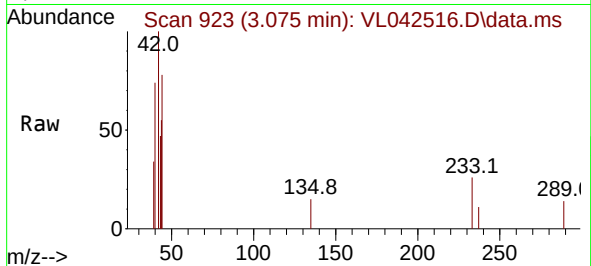




#41
Tetrahydrofuran
Concen: 0.035 ppbv
RT: 3.075 min Scan# 916
Delta R.T. 0.023 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

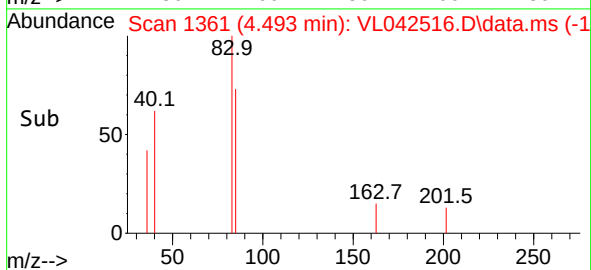
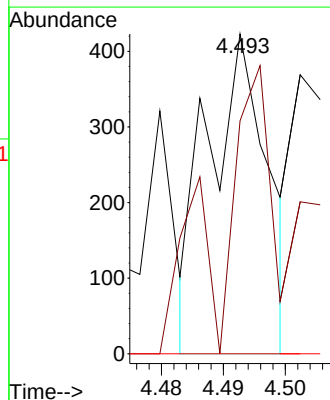
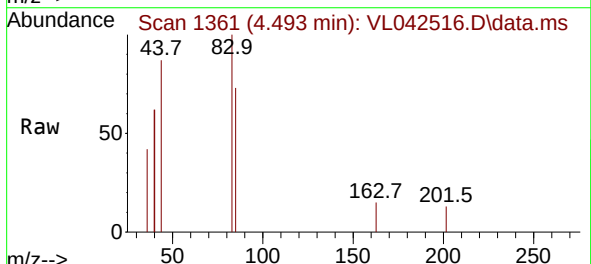
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

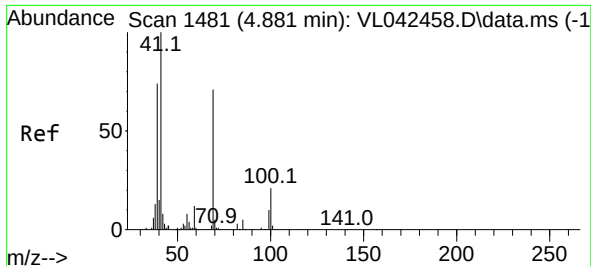
Tgt Ion: 42 Resp: 222
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.017 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 83 Resp: 284
Ion Ratio Lower Upper
83 100
85 74.2 51.5 77.3
127 0.0 5.4 8.2#

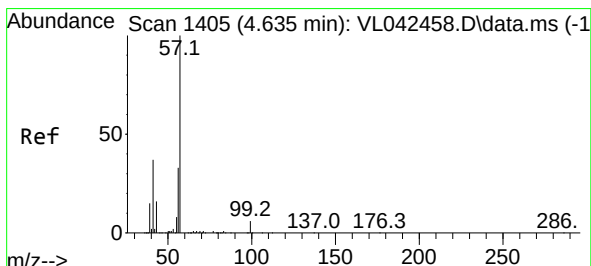
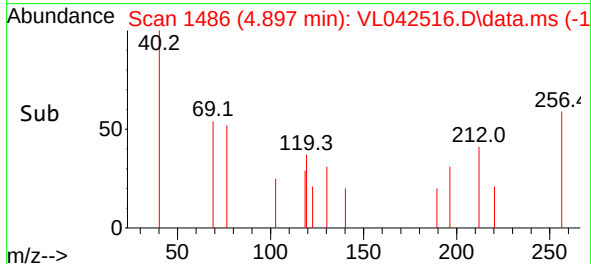
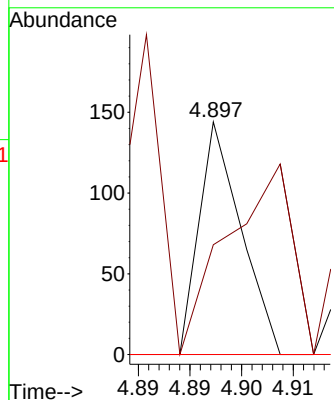
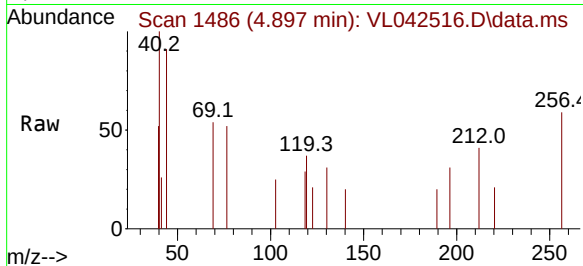




#43
Methyl Methacrylate
Concen: 0.006 ppbv
RT: 4.897 min Scan# 1486
Delta R.T. 0.016 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

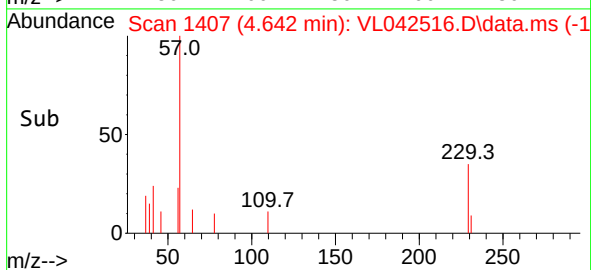
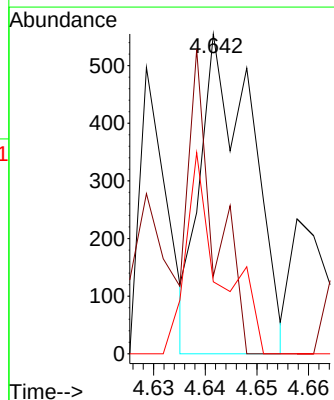
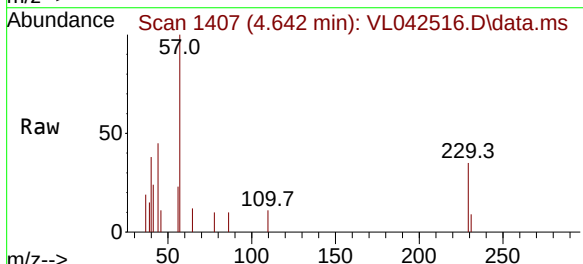
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.03

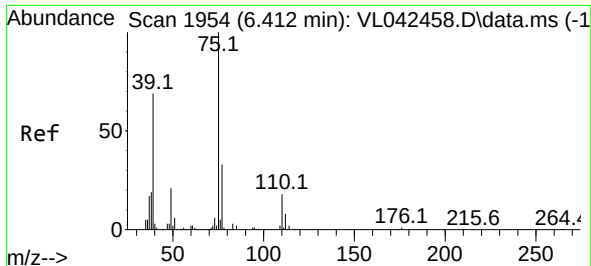
Tgt Ion: 69 Resp: 41
Ion Ratio Lower Upper
69 100
41 573.2 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.014 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 57 Resp: 382
Ion Ratio Lower Upper
57 100
41 81.7 30.6 45.8#
56 41.9 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.011 ppbv

RT: 6.425 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

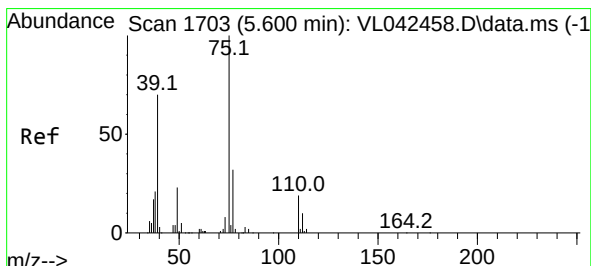
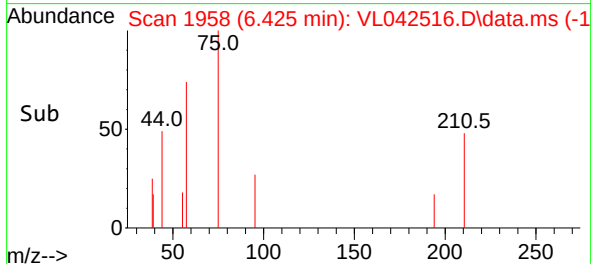
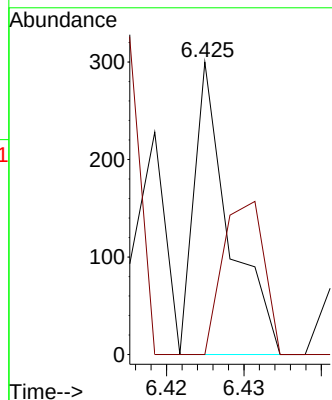
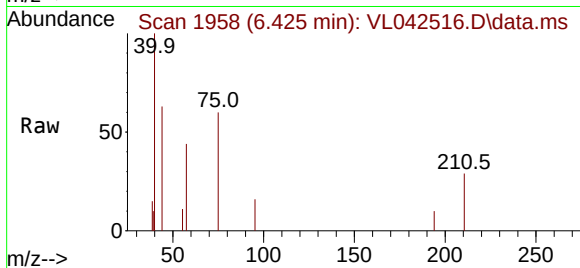
MDL2 0.03

Tgt Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#



#46

cis-1,3-Dichloropropene

Concen: 0.010 ppbv

RT: 5.613 min Scan# 1707

Delta R.T. 0.013 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

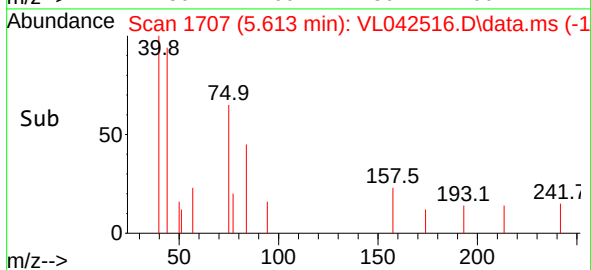
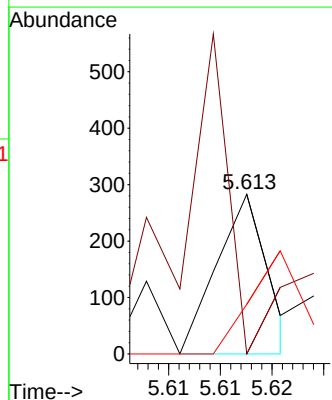
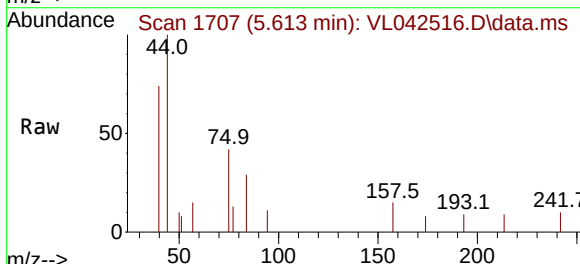
Tgt Ion: 75 Resp: 96

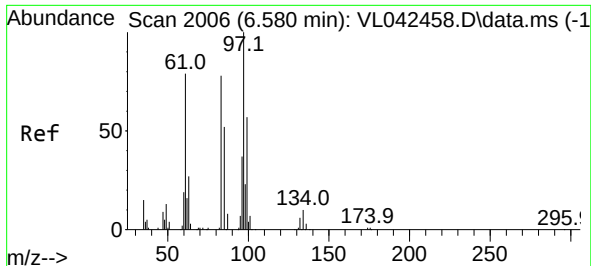
Ion Ratio Lower Upper

75 100

39 0.0 55.7 83.5#

77 31.1 25.8 38.8

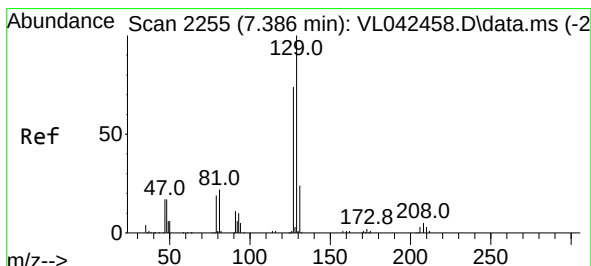
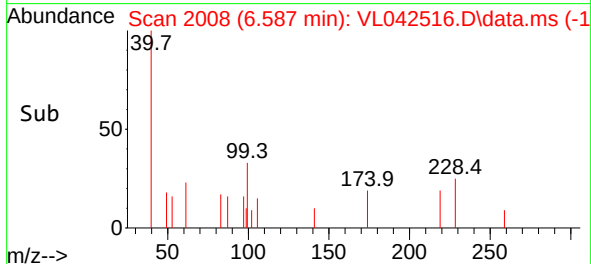
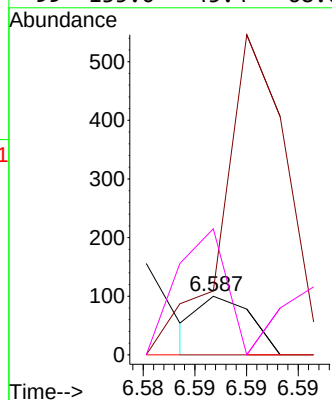
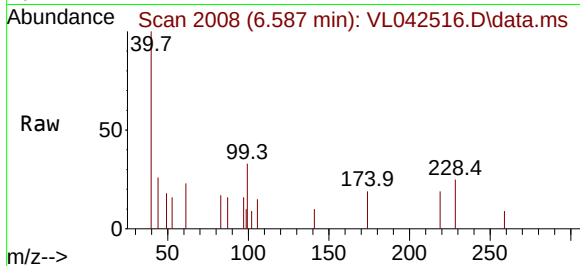




#47
1,1,2-Trichloroethane
Concen: 0.005 ppbv
RT: 6.587 min Scan# 2006
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

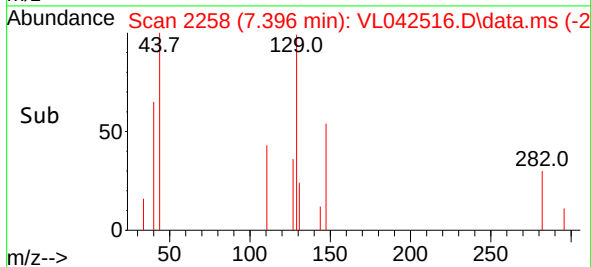
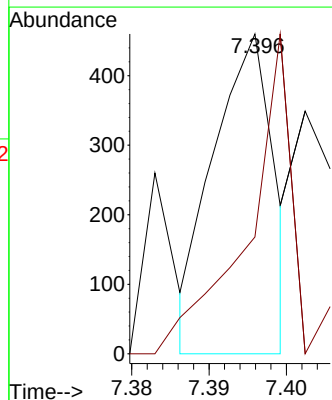
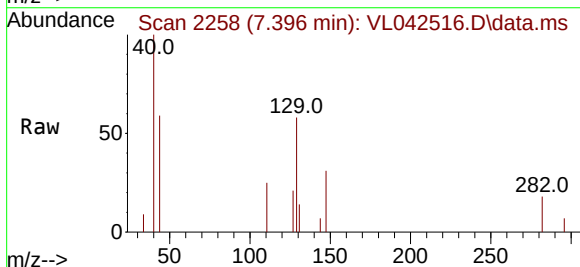
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

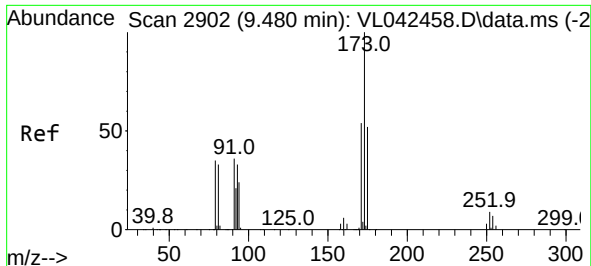
Tgt Ion: 97	Resp:	35
Ion	Ratio	Lower Upper
97	100	
83	22.0	62.2 93.2#
85	0.0	41.5 62.3#
99	135.0	45.4 68.0#



#48
Dibromochloromethane
Concen: 0.021 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.010 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 129	Resp:	251
Ion	Ratio	Lower Upper
129	100	
127	110.4	39.5 118.5





#49

Bromoform

Concen: 0.015 ppbv

RT: 9.487 min Scan# 2904

Delta R.T. 0.007 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

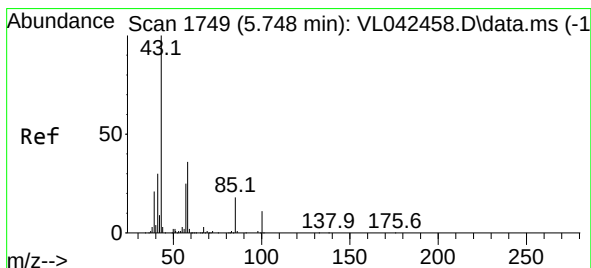
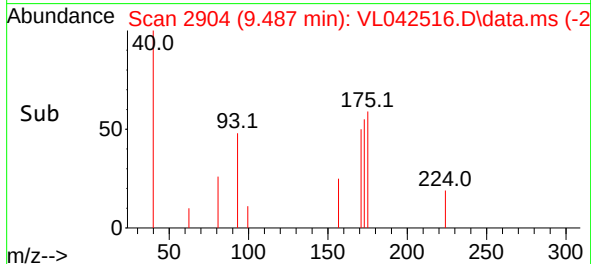
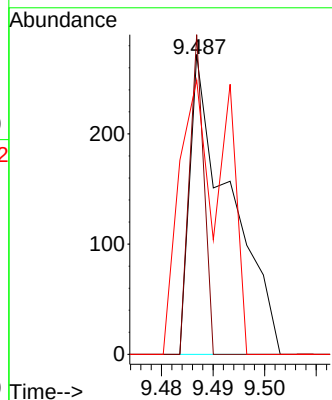
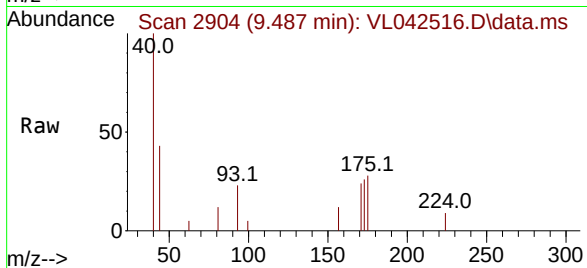
Tgt Ion:173 Resp: 146

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 102.7 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 5.768 min Scan# 1755

Delta R.T. 0.020 min

Lab File: VL042516.D

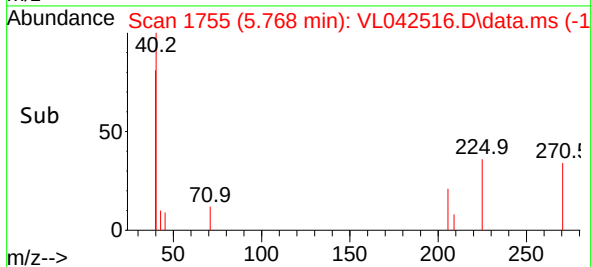
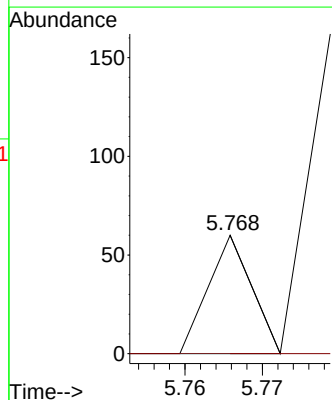
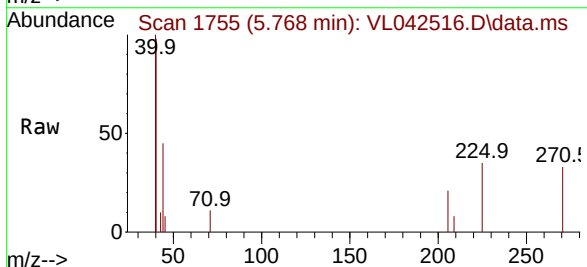
Acq: 07 May 2025 13:50

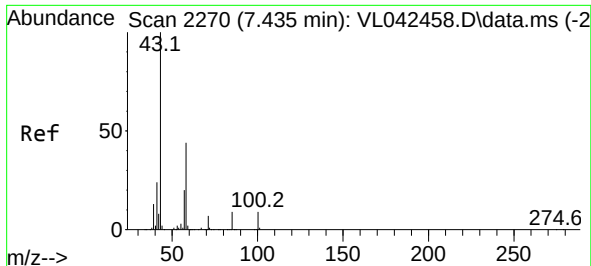
Tgt Ion: 43 Resp: 12

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

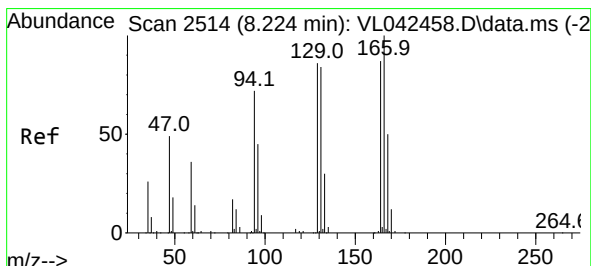
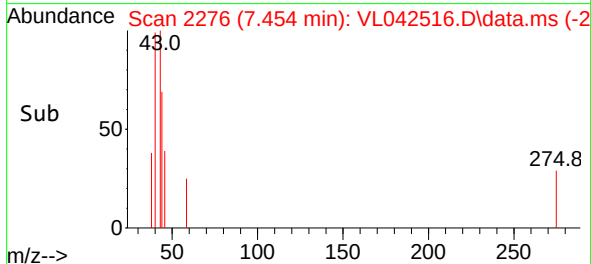
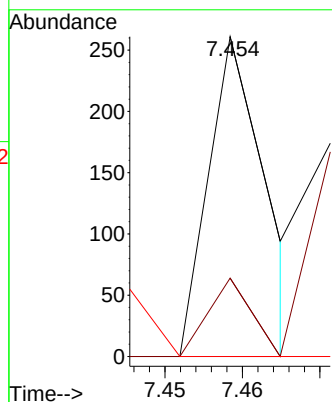
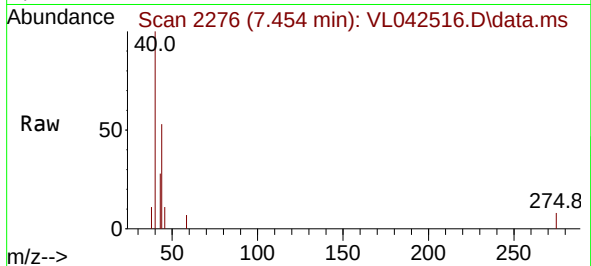




#51
2-Hexanone
Concen: 0.005 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

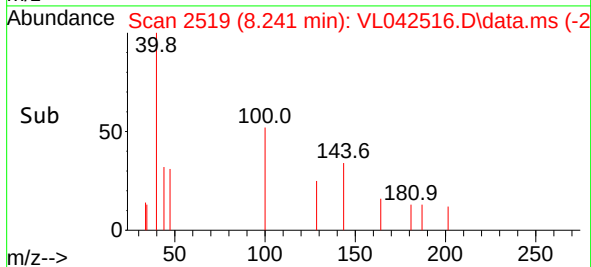
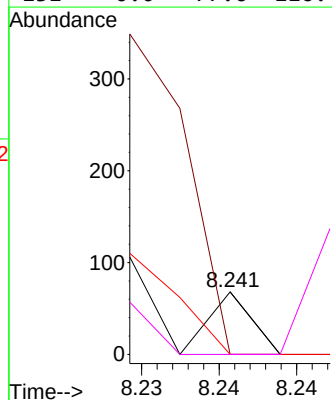
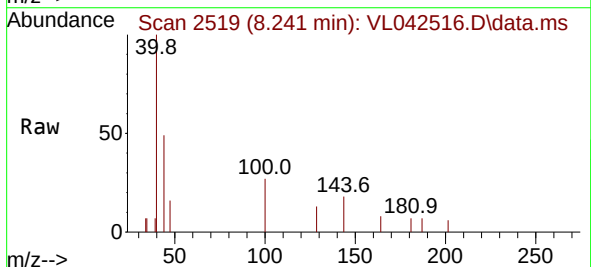
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

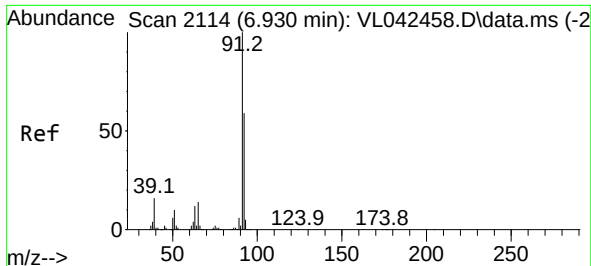
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.016 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 164 Resp: 13
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#

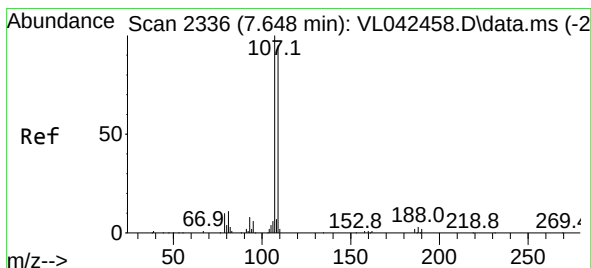
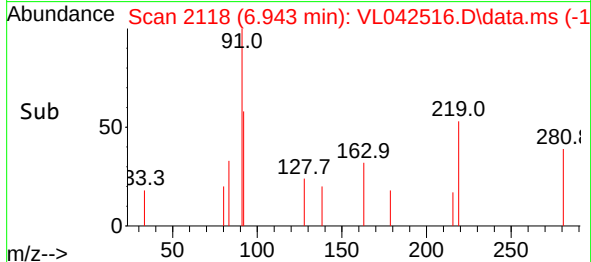
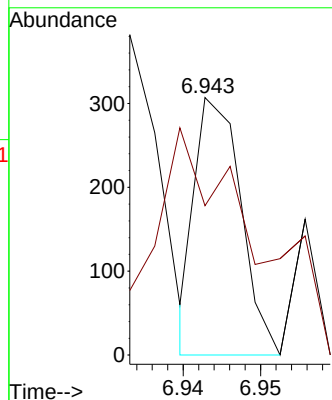
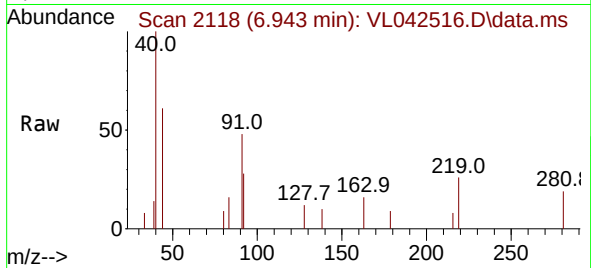




#53
Toluene
Concen: 0.007 ppbv
RT: 6.943 min Scan# 2114
Delta R.T. 0.013 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

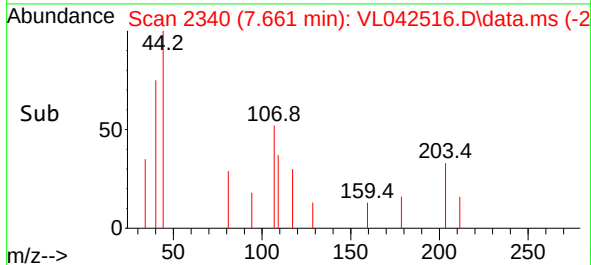
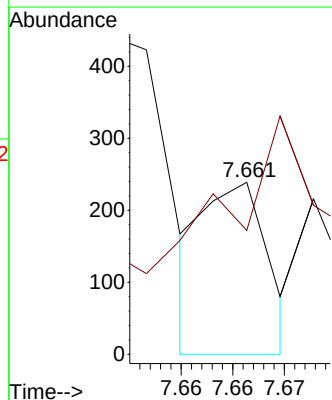
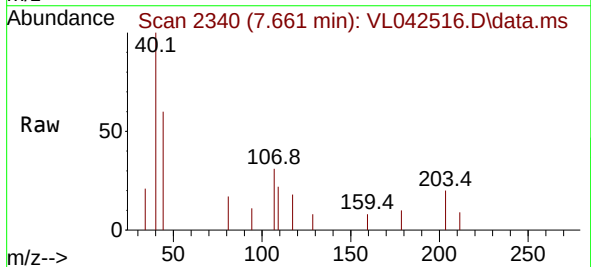
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

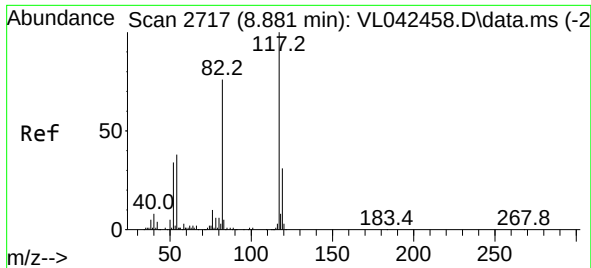
Tgt Ion: 91 Resp: 125
Ion Ratio Lower Upper
91 100
92 208.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.009 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.013 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 107 Resp: 103
Ion Ratio Lower Upper
107 100
109 8.8 76.0 114.0#

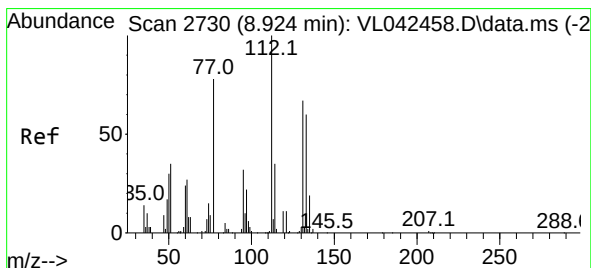
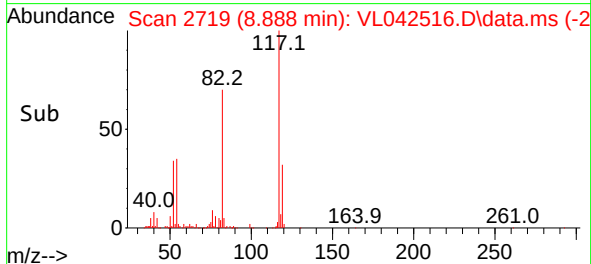
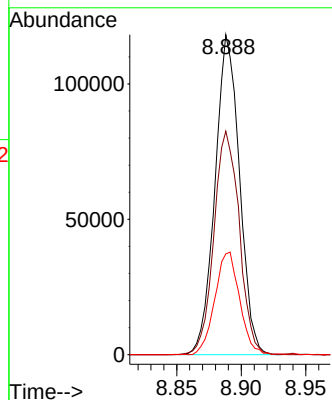
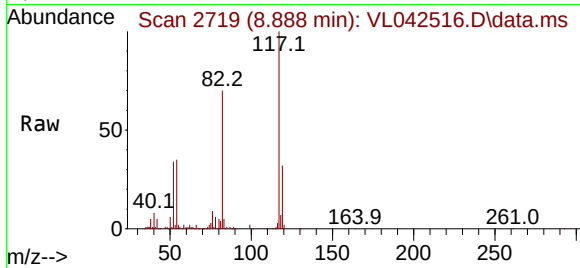




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

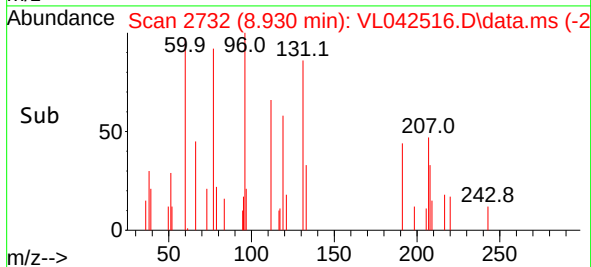
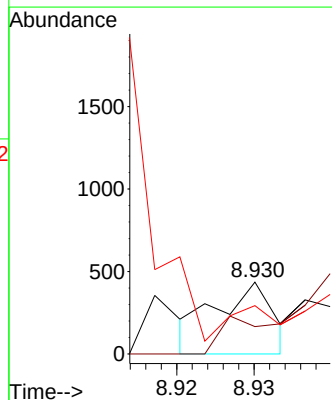
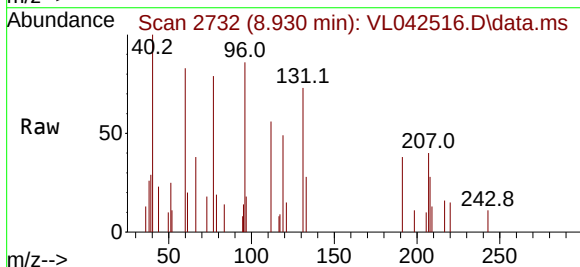
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

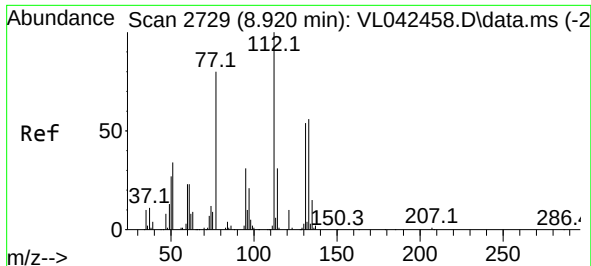
Tgt Ion:117 Resp: 155750
Ion Ratio Lower Upper
117 100
82 72.2 63.5 95.3
119 32.7 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.025 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion:131 Resp: 226
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.006 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

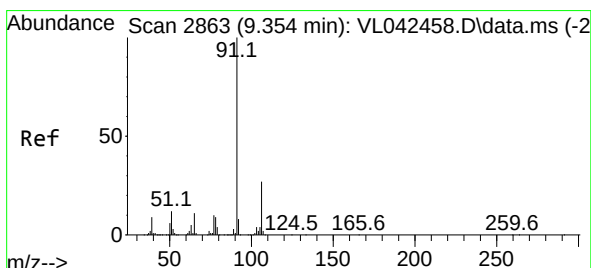
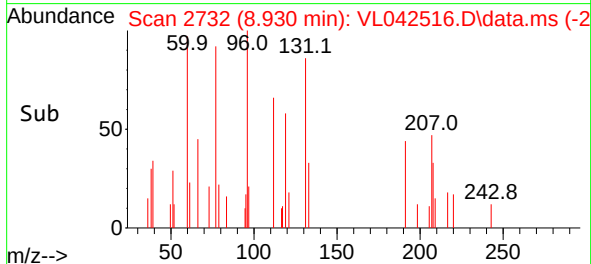
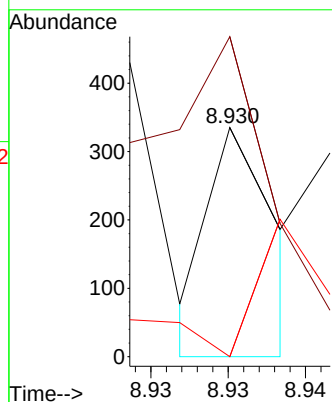
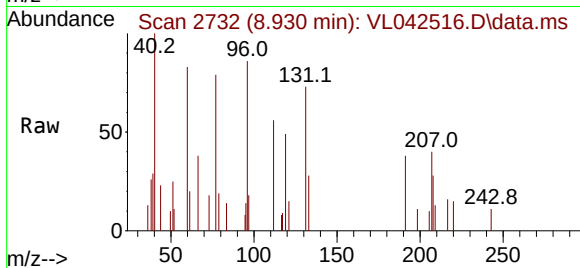
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

Tgt Ion:112	Resp:	101
Ion	Ratio	Lower Upper
112	100	
77	105.8	65.0 97.4#
114	0.0	27.5 33.7#



#58

Ethyl Benzene

Concen: 0.016 ppbv

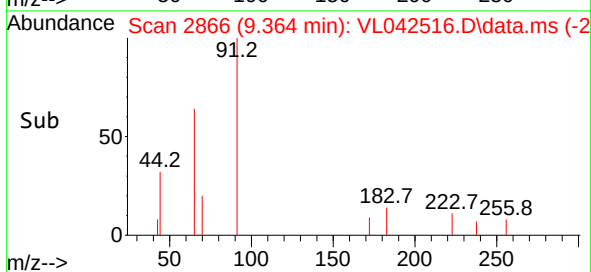
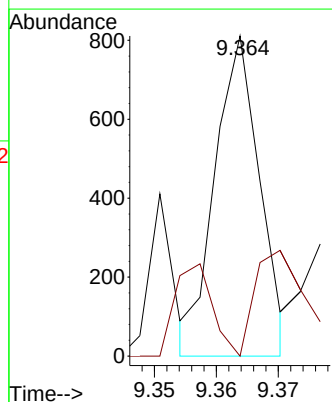
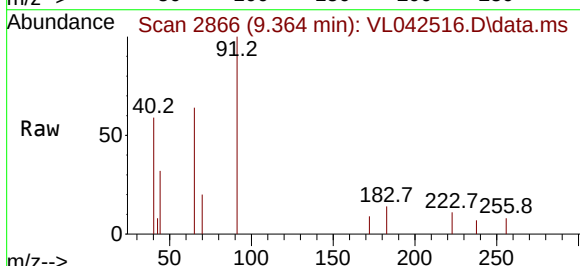
RT: 9.364 min Scan# 2866

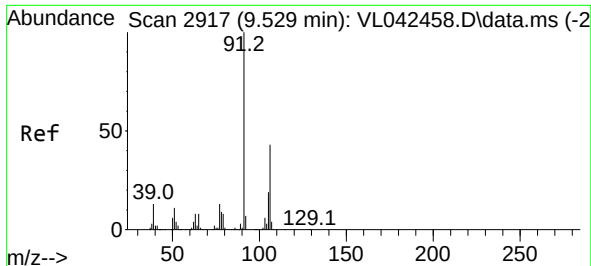
Delta R.T. 0.010 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Tgt Ion: 91	Resp:	407
Ion	Ratio	Lower Upper
91	100	
106	0.0	21.9 32.9#





#59

m/p-Xylene

Concen: 0.012 ppbv

RT: 9.535 min Scan# 2917

Delta R.T. 0.007 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

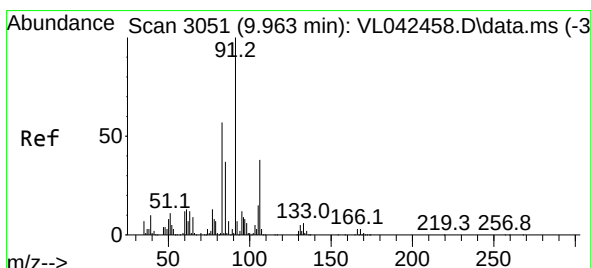
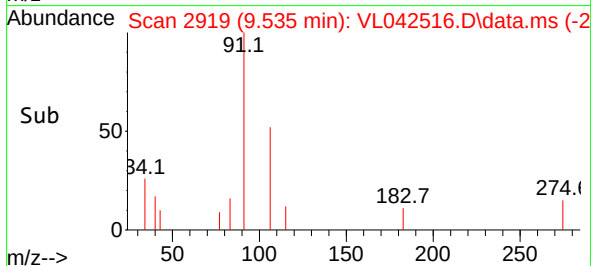
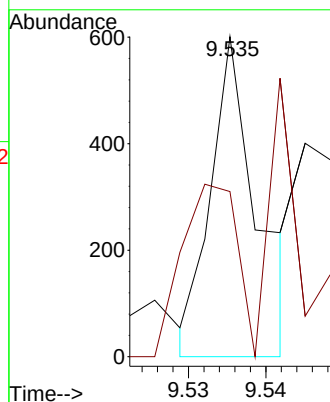
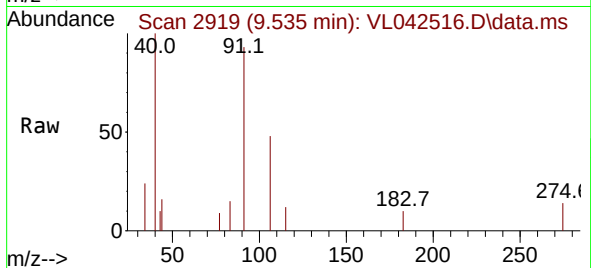
MDL2 0.03

Tgt Ion: 91 Resp: 251

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.011 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.010 min

Lab File: VL042516.D

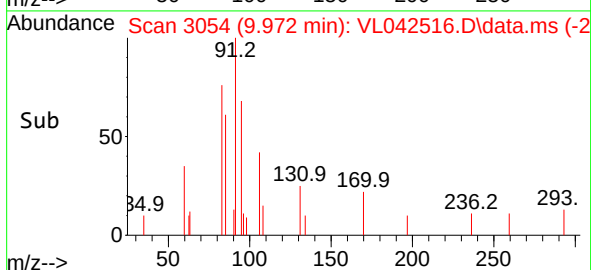
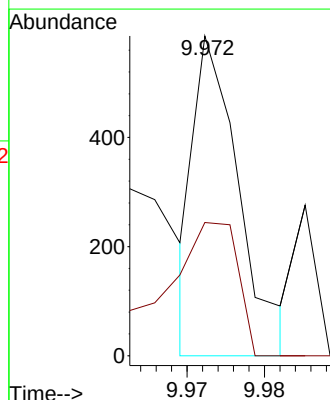
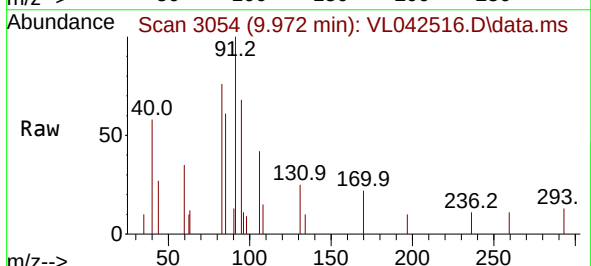
Acq: 07 May 2025 13:50

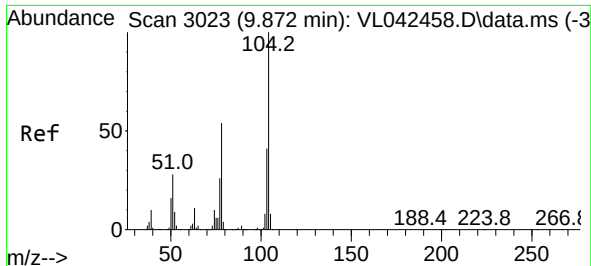
Tgt Ion: 91 Resp: 235

Ion Ratio Lower Upper

91 100

106 73.2 20.1 60.2#

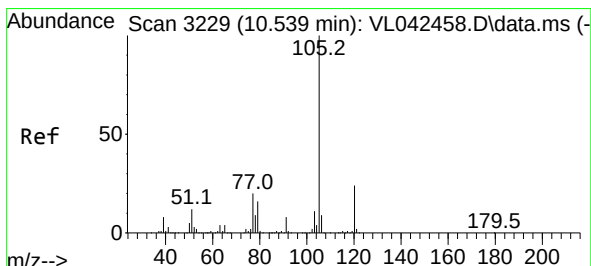
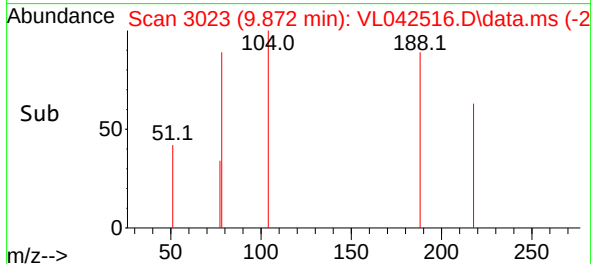
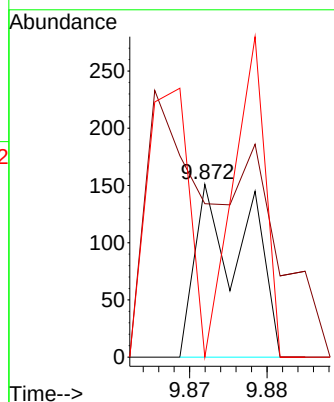
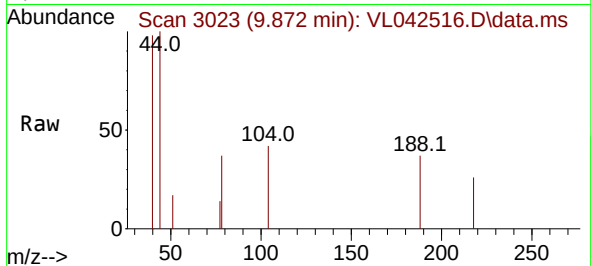




#61
Styrene
Concen: 0.008 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

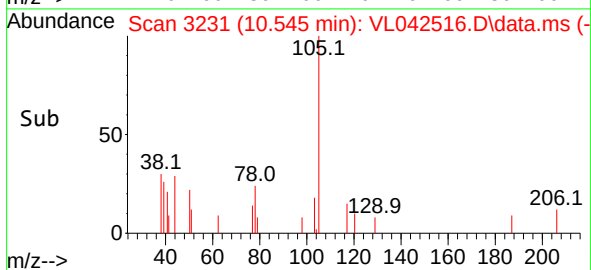
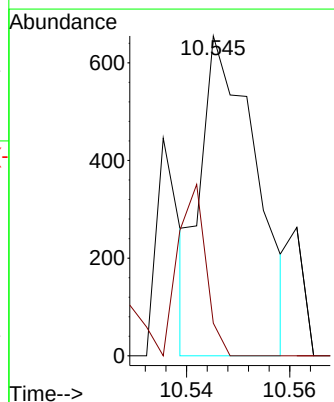
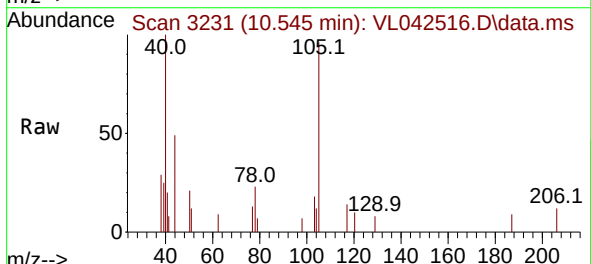
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

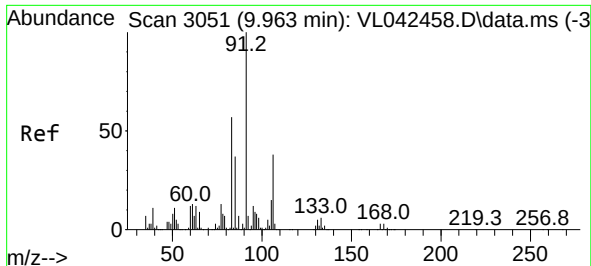
Tgt Ion:104 Resp: 69
Ion Ratio Lower Upper
104 100
78 284.1 46.9 70.3#
103 246.4 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.015 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion:105 Resp: 484
Ion Ratio Lower Upper
105 100
120 33.7 18.8 28.2#





#63

1,1,2-Tetrachloroethane

Concen: 0.018 ppbv

RT: 9.976 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

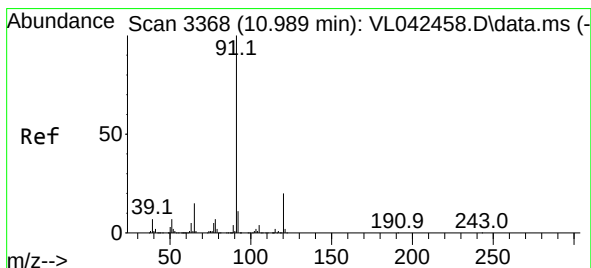
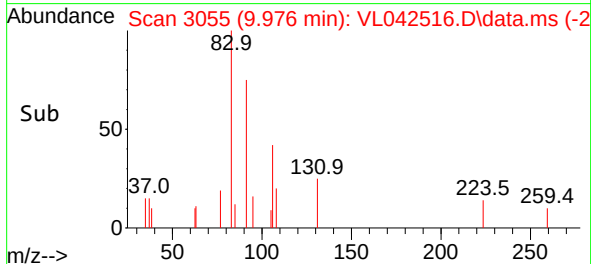
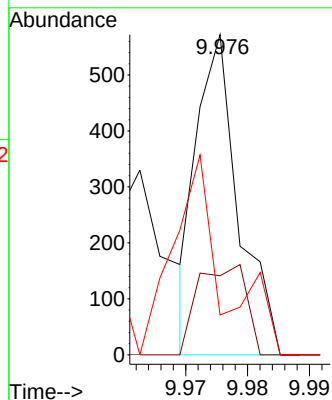
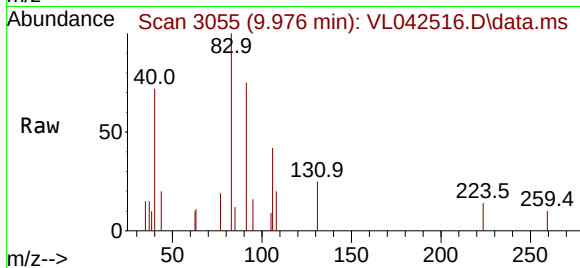
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

Tgt Ion: 83	Resp:	267
Ion Ratio	Lower	Upper
83	100	
131	32.6	4.7 14.1#
85	83.9	32.5 97.4



#64

n-propylbenzene

Concen: 0.009 ppbv

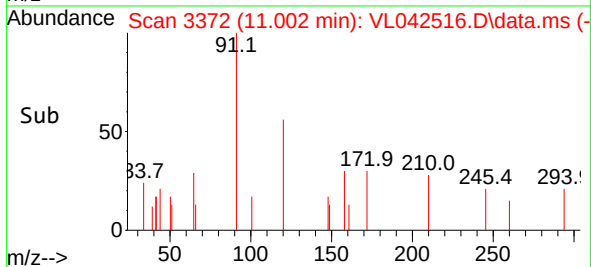
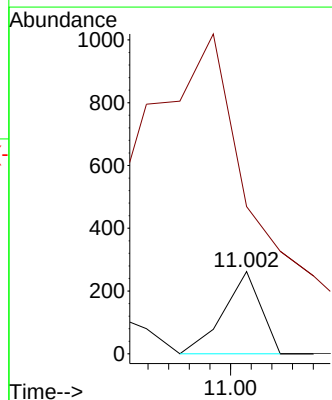
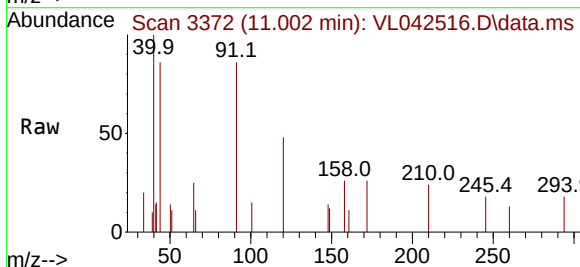
RT: 11.002 min Scan# 3372

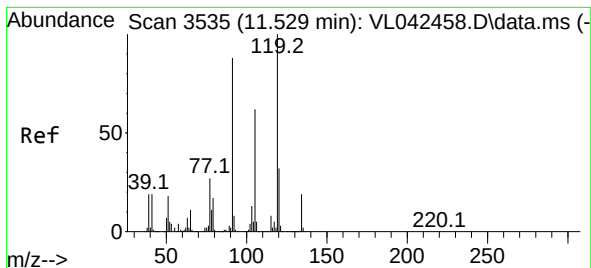
Delta R.T. 0.013 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Tgt Ion: 120	Resp:	66
Ion Ratio	Lower	Upper
120	100	
91	1453.0	408.6 612.8#





#65

tert-Butylbenzene

Concen: 0.008 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.010 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

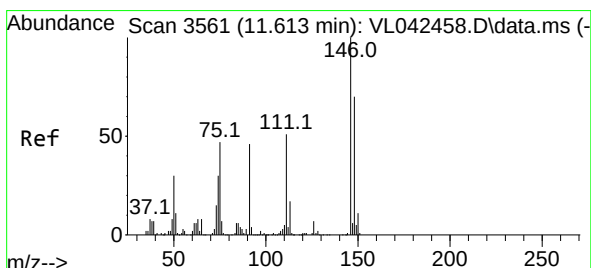
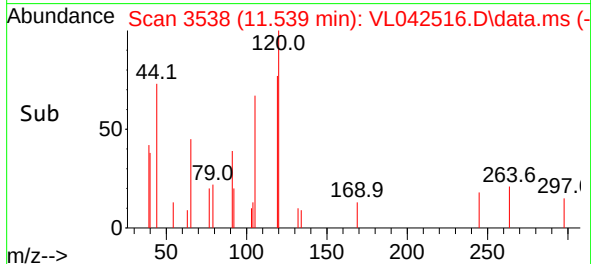
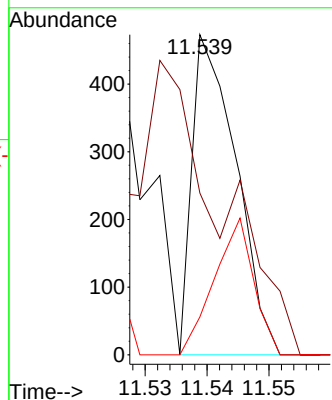
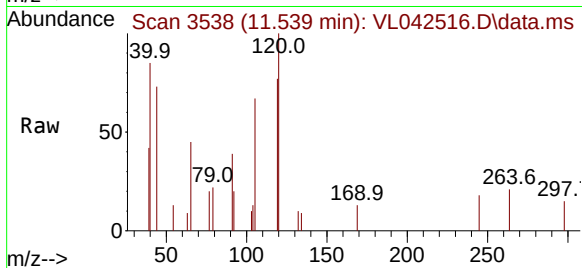
Instrument :

MSVOA_1

ClientSampleId :

MDL2 0.03

Tgt Ion:	119	Resp:	234
Ion	Ratio	Lower	Upper
119	100		
91	191.0	71.6	107.4#
134	47.0	15.0	22.4#



#66

Benzyl Chloride

Concen: 0.015 ppbv

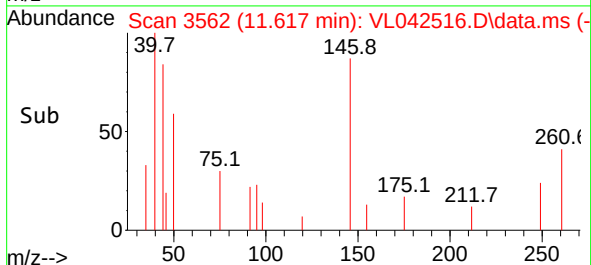
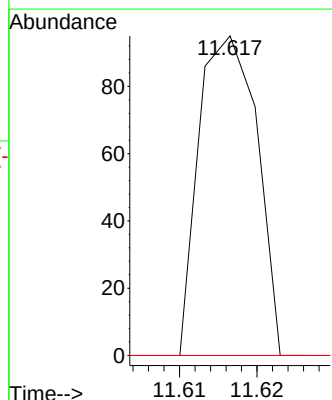
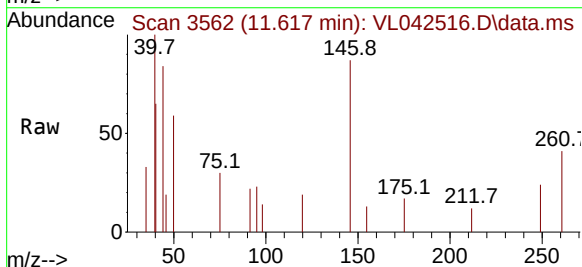
RT: 11.617 min Scan# 3562

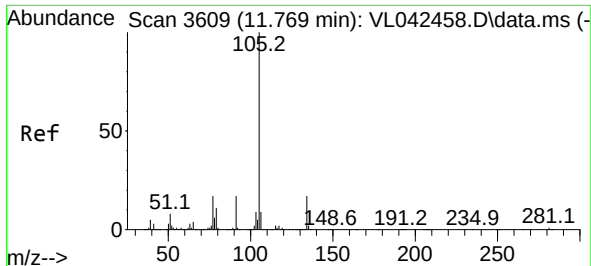
Delta R.T. 0.003 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Tgt Ion:	91	Resp:	49
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.3	19.9#
128	0.0	4.2	6.4#





#67

sec-Butylbenzene

Concen: 0.007 ppbv

RT: 11.782 min Scan# 3613

Delta R.T. 0.013 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_1

ClientSampleId :

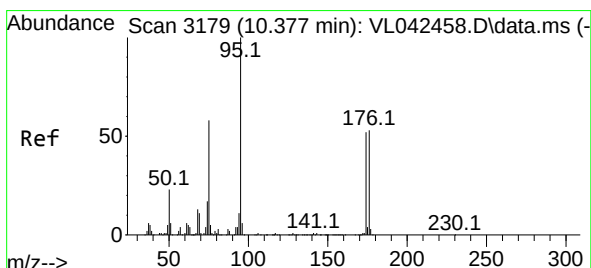
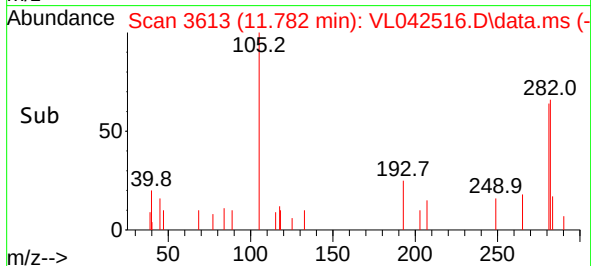
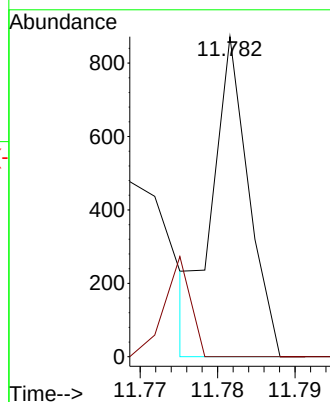
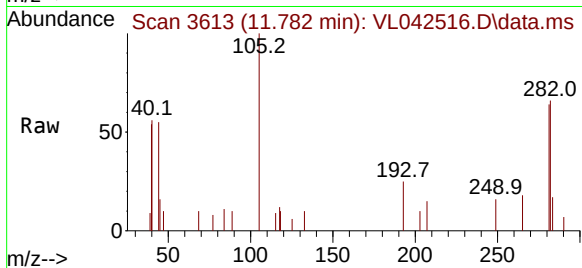
MDL2 0.03

Tgt Ion:105 Resp: 277

Ion Ratio Lower Upper

105 100

134 23.1 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.573 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.007 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

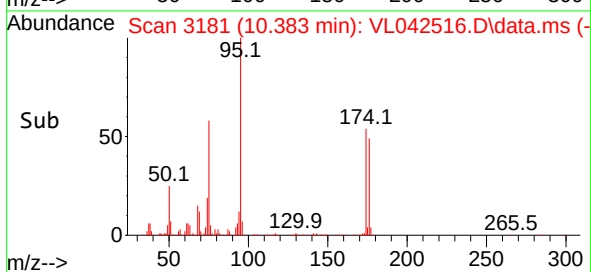
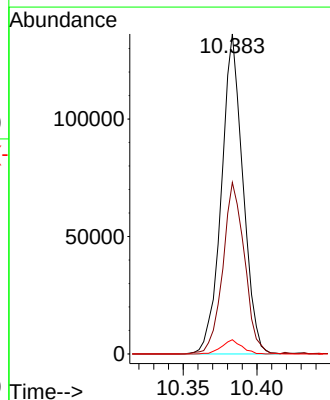
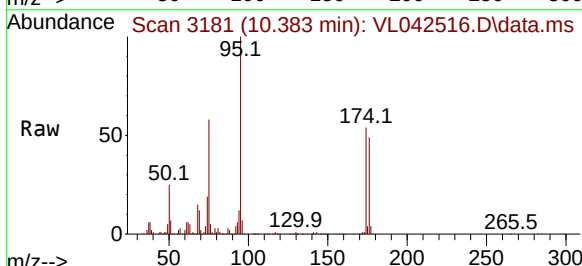
Tgt Ion: 95 Resp: 138229

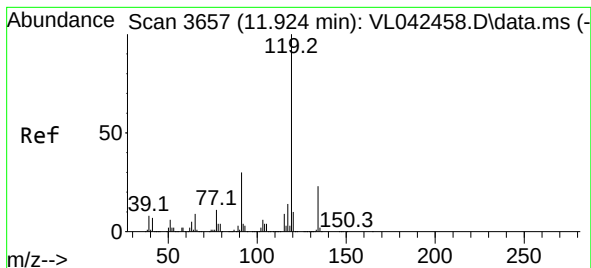
Ion Ratio Lower Upper

95 100

174 54.4 42.7 64.1

175 4.2 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.009 ppbv

RT: 11.930 min Scan# 3

Delta R.T. 0.007 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

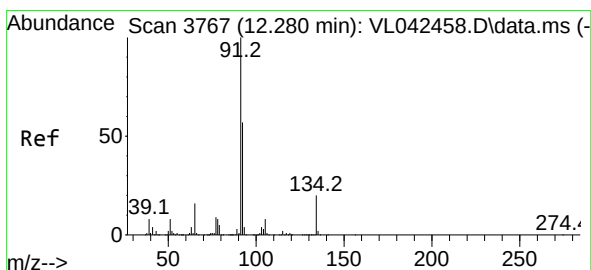
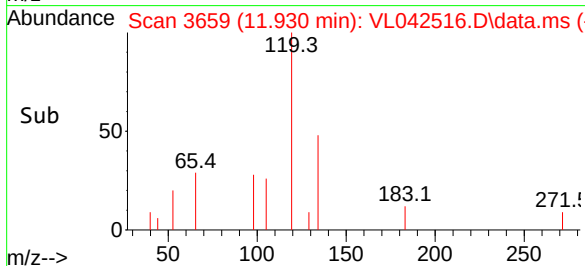
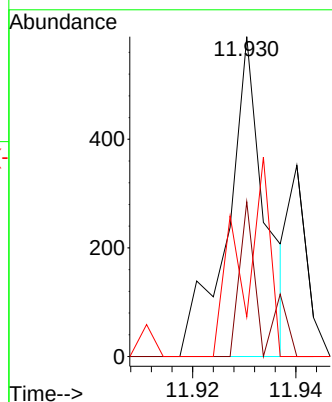
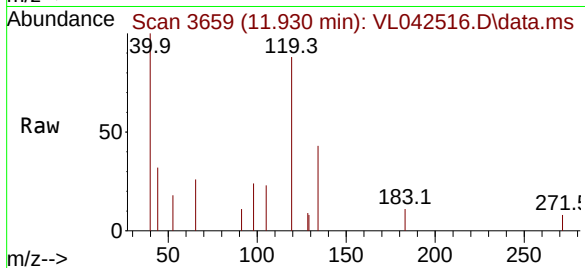
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

Tgt Ion:	119	Resp:	297
Ion	Ratio	Lower	Upper
119	100		
134	26.3	19.0	28.4
91	49.5	25.5	38.3#



#70

n-Butylbenzene

Concen: 0.005 ppbv

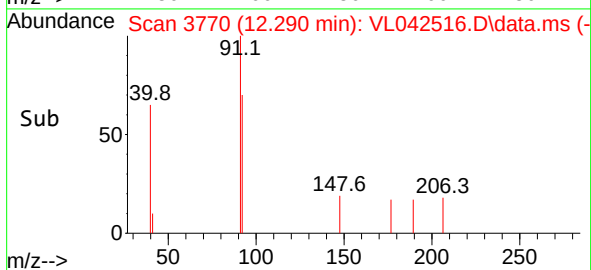
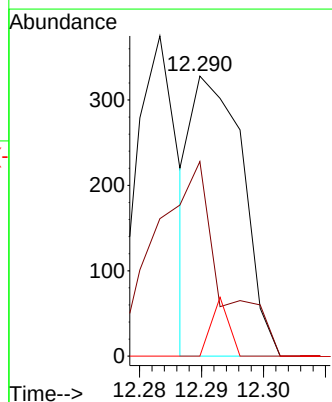
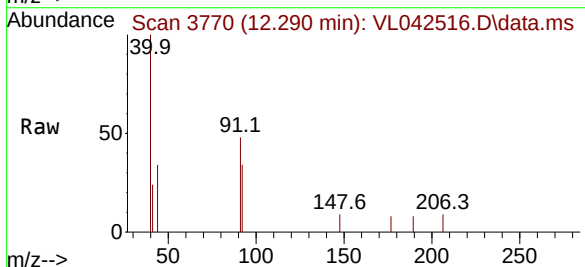
RT: 12.290 min Scan# 3770

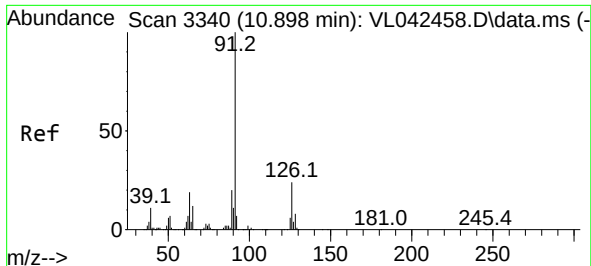
Delta R.T. 0.010 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Tgt Ion:	91	Resp:	185
Ion	Ratio	Lower	Upper
91	100		
92	89.2	44.0	66.0#
134	7.0	16.8	25.2#

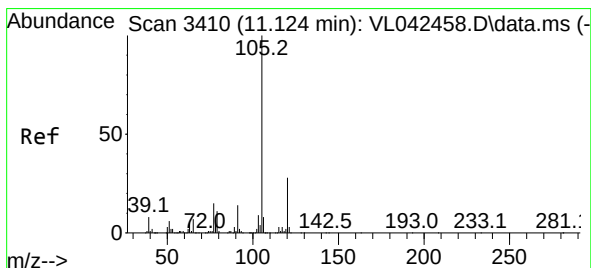
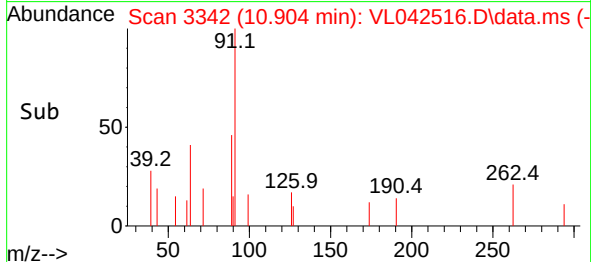
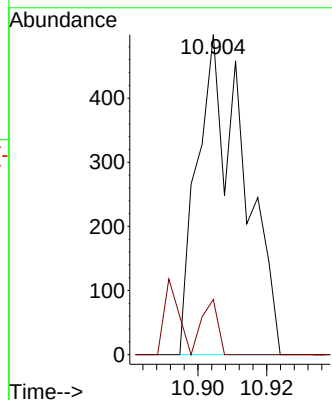
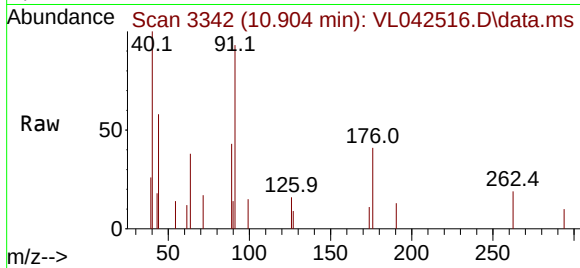




#71
2-Chlorotoluene
Concen: 0.019 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

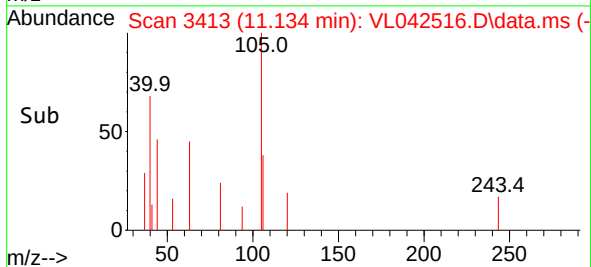
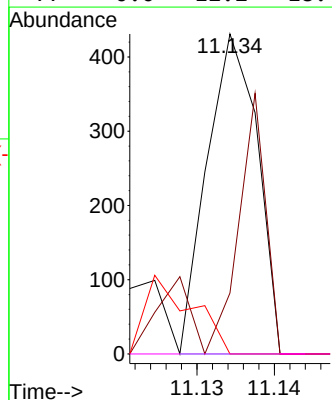
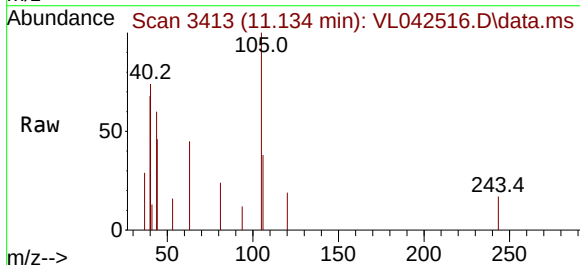
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

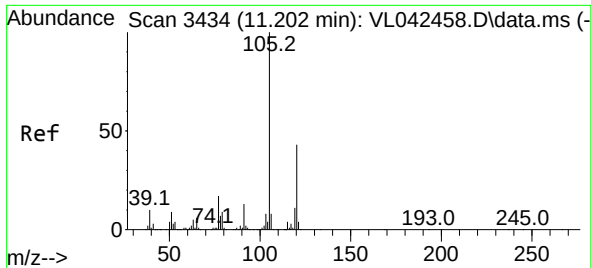
Tgt Ion: 91 Resp: 465
Ion Ratio Lower Upper
91 100
126 13.5 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.008 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.010 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion: 105 Resp: 194
Ion Ratio Lower Upper
105 100
120 71.1 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

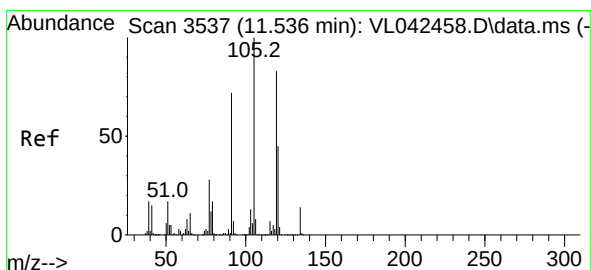
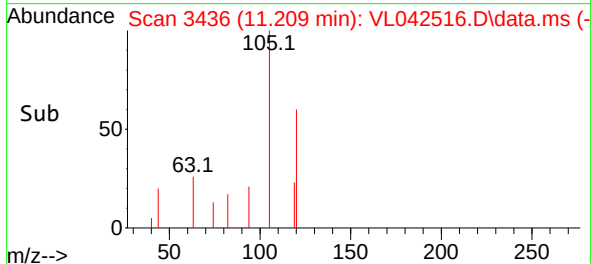
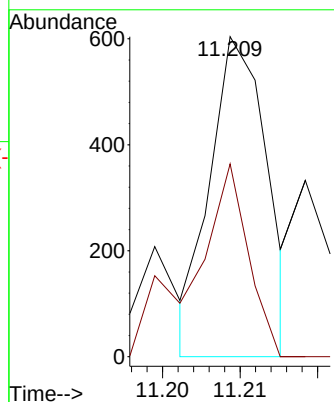
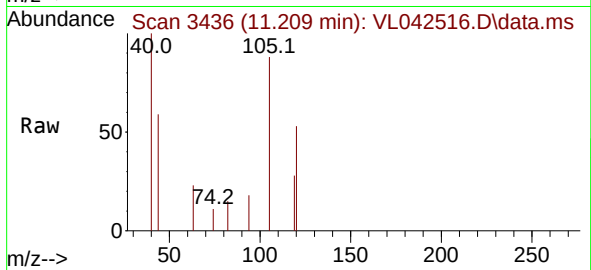




#73
 1,3,5-Trimethylbenzene
 Concen: 0.014 ppbv
 RT: 11.209 min Scan# 3434
 Delta R.T. 0.007 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

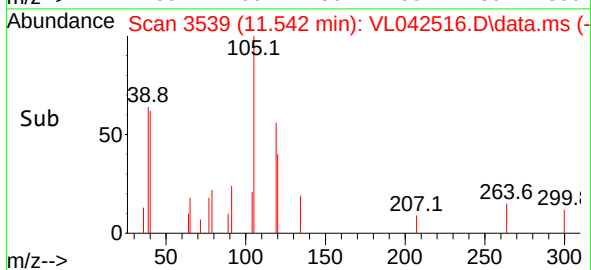
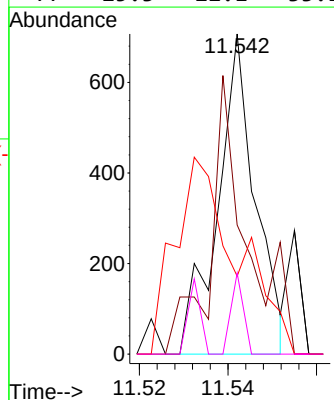
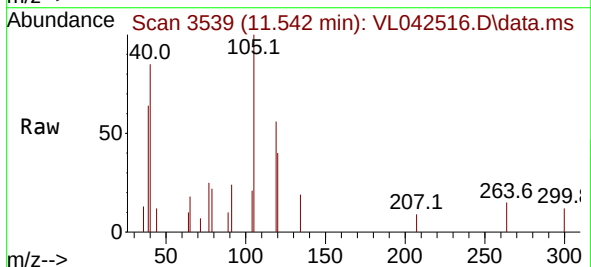
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

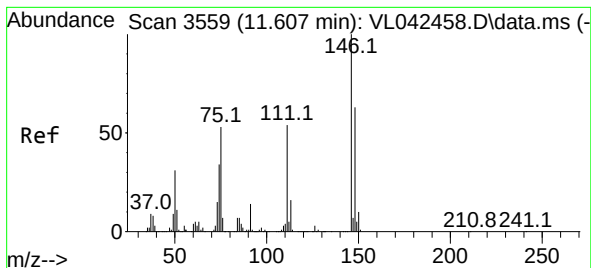
Tgt Ion:105 Resp: 309
 Ion Ratio Lower Upper
 105 100
 120 73.1 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.015 ppbv
 RT: 11.542 min Scan# 3539
 Delta R.T. 0.007 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion:105 Resp: 419
 Ion Ratio Lower Upper
 105 100
 120 22.5 36.1 54.1#
 91 11.0 57.6 86.4#
 77 25.3 22.1 33.1





#75

1,3-Dichlorobenzene

Concen: 0.014 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.010 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

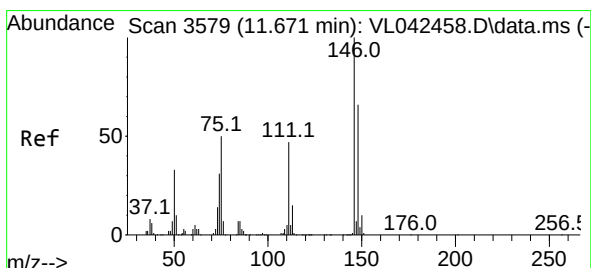
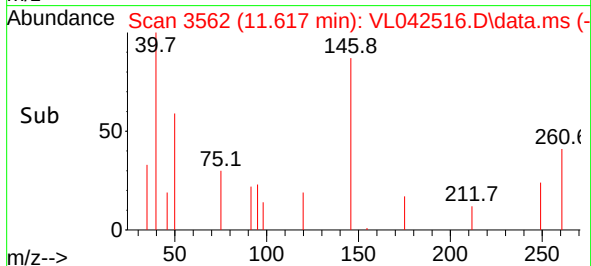
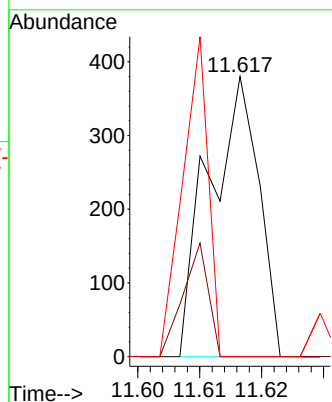
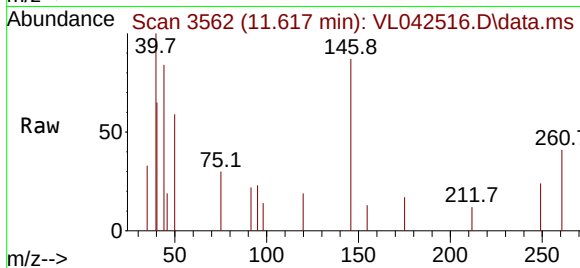
Tgt Ion:146 Resp: 213

Ion Ratio Lower Upper

146 100

111 20.7 26.1 78.3#

148 63.8 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 0.007 ppbv

RT: 11.681 min Scan# 3582

Delta R.T. 0.010 min

Lab File: VL042516.D

Acq: 07 May 2025 13:50

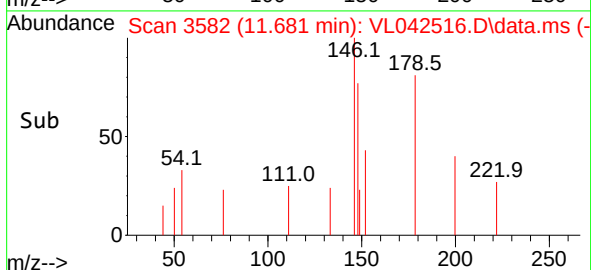
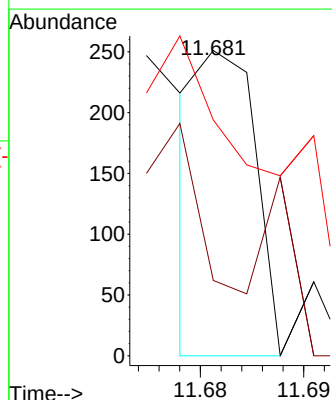
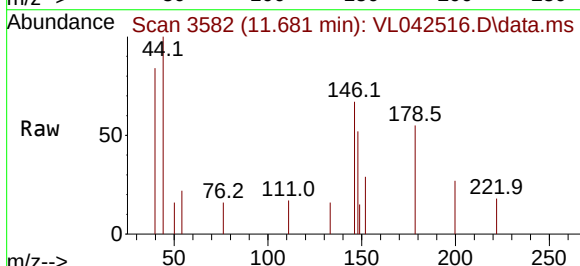
Tgt Ion:146 Resp: 94

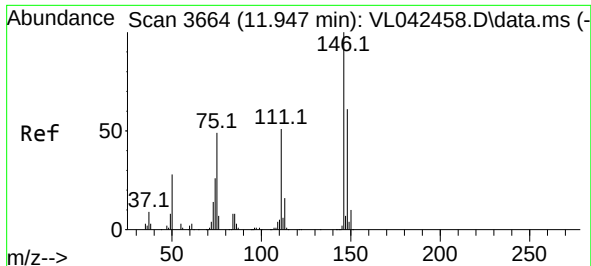
Ion Ratio Lower Upper

146 100

111 136.2 24.4 73.2#

148 345.7 32.0 96.2#

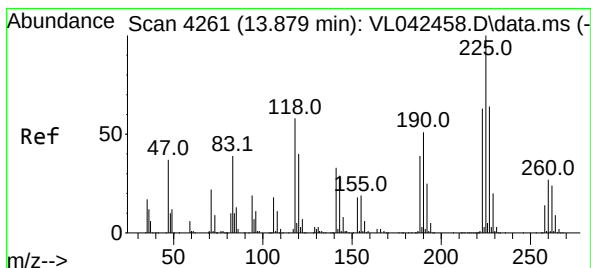
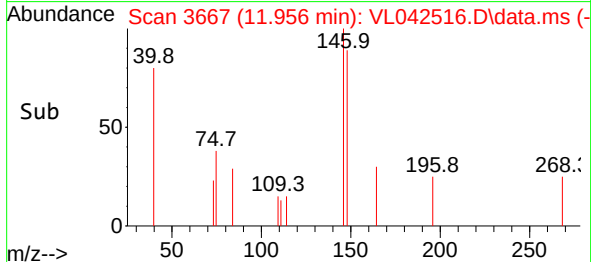
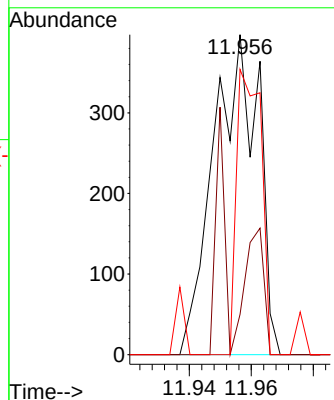
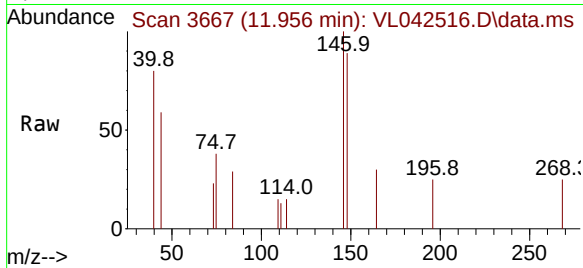




#77
 1,2-Dichlorobenzene
 Concen: 0.027 ppbv
 RT: 11.956 min Scan# 309
 Delta R.T. 0.010 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

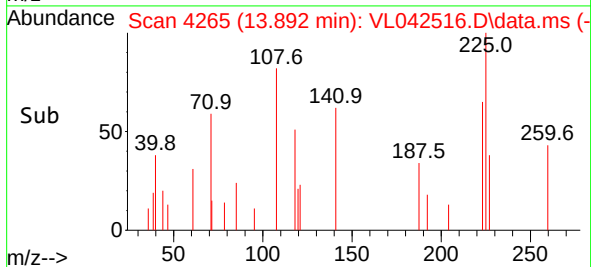
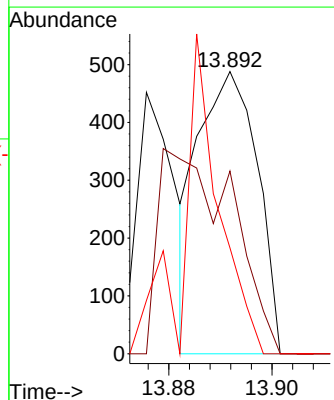
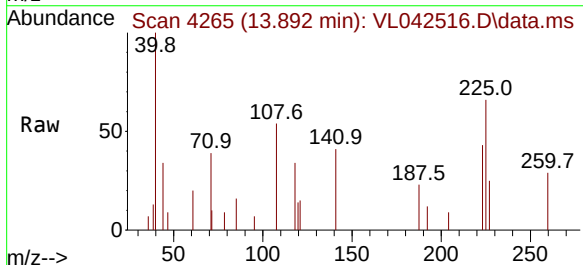
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

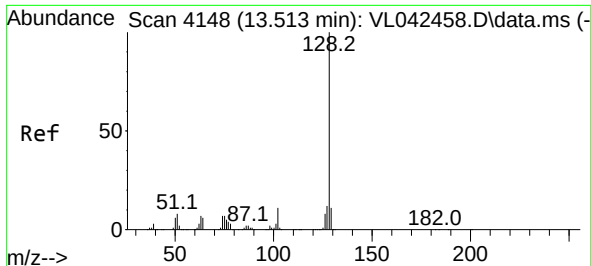
Tgt Ion:146	Resp:	399
Ion Ratio	Lower	Upper
146	100	
111	31.8	26.5 79.5
148	51.1	31.5 94.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.026 ppbv
 RT: 13.892 min Scan# 4265
 Delta R.T. 0.013 min
 Lab File: VL042516.D
 Acq: 07 May 2025 13:50

Tgt Ion:225	Resp:	386
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.2 75.4#
227	78.8	51.2 76.8#

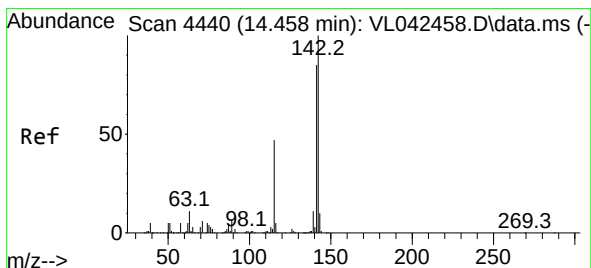
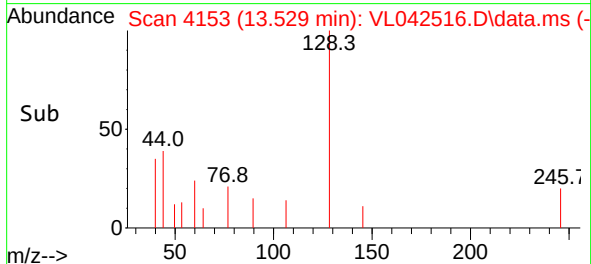
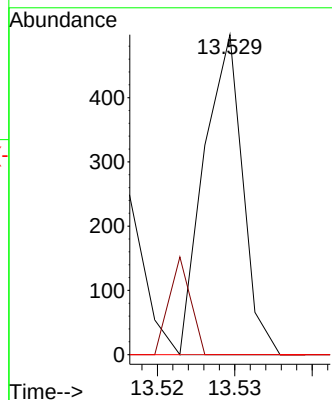
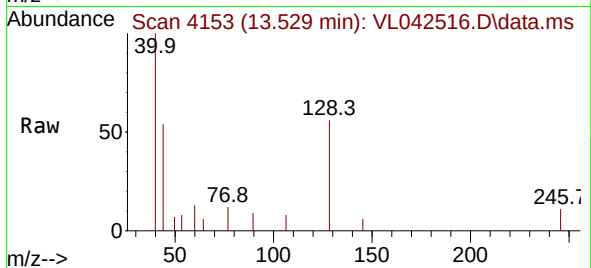




#79
Naphthalene
Concen: 0.007 ppbv
RT: 13.529 min Scan# 4148
Delta R.T. 0.016 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

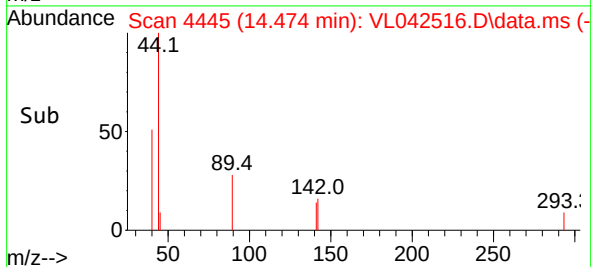
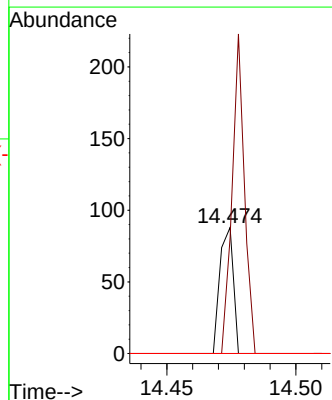
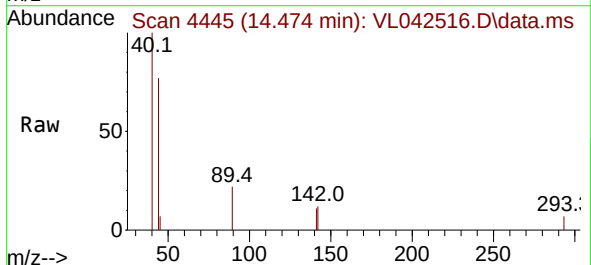
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

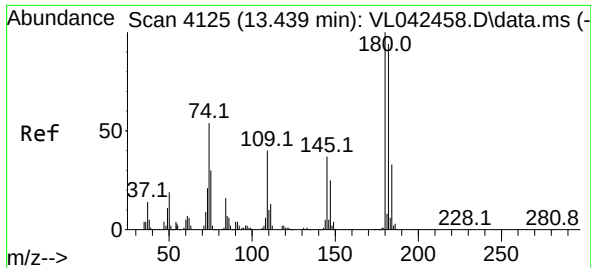
Tgt Ion:128 Resp: 173
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.016 min
Lab File: VL042516.D
Acq: 07 May 2025 13:50

Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
141 238.7 67.4 101.0#
115 0.0 36.9 55.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.007 ppbv

RT: 13.448 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL042516.D

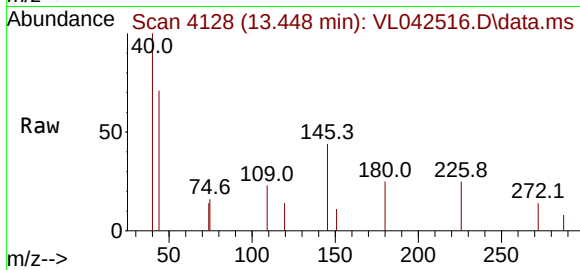
Acq: 07 May 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03



Tgt Ion:180 Resp: 86

Ion Ratio Lower Upper

180 100

182 80.2 74.6 111.8

184 48.8 24.9 37.3#

