

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062325\
 Data File : VL042666.D
 Acq On : 23 Jun 2025 11:30
 Operator : SY/MD
 Sample : Q2390-01 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Jun 24 06:42:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	111038	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	286442	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	262633	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	204206	10.372	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%

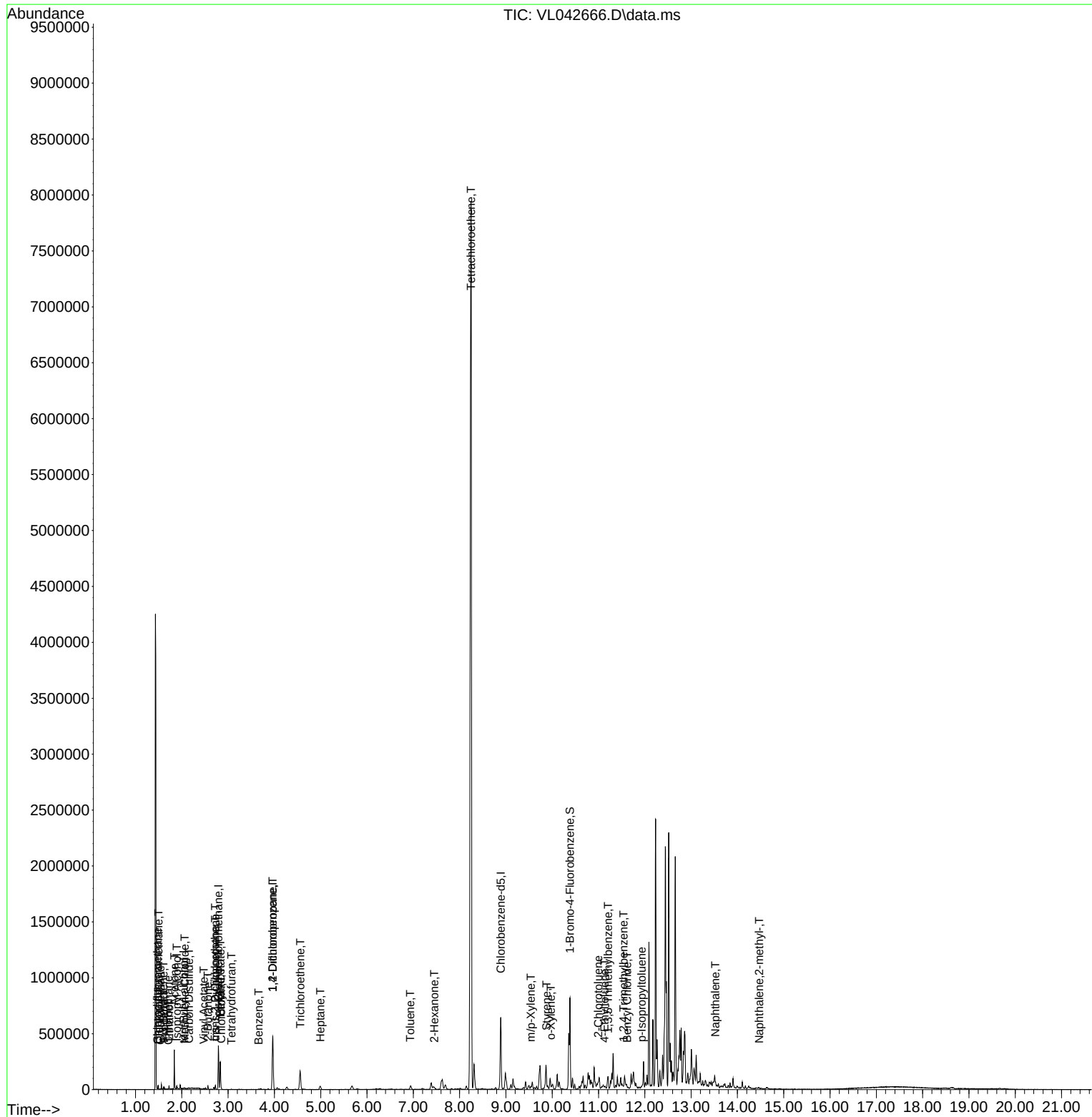
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	775	0.057	ppbv #	4
3) Chlorodifluoromethane	1.476	51	930	0.049	ppbv	95
4) Chloromethane	1.534	50	255	0.047	ppbv	91
7) Chloroethane	1.709	64	126	0.059	ppbv #	44
9) Propene	1.622	41	1677	0.222	ppbv	84
10) Heptane	4.991	43	12119	0.568	ppbv	99
13) Ethanol	1.725	45	9902	10.977	ppbv #	39
15) Acetone	1.839	43	151237	11.308	ppbv	97
16) 1,3-Butadiene	1.602	39	2027	0.320	ppbv #	23
17) tert-Butyl alcohol	2.046	59	1263	0.091	ppbv	95
19) Isopropyl Alcohol	1.890	45	10569	1.322	ppbv #	1
20) Methylene Chloride	2.065	84	935	0.212	ppbv #	86
22) trans-1,2-Dichloroethene	2.725	96	7326	1.419	ppbv	86
23) Vinyl Acetate	2.476	43	1436	0.079	ppbv #	77
25) Ethyl Acetate	2.832	43	42949	1.173	ppbv #	77
26) Hexane	2.832	57	58892	3.541	ppbv #	40
27) Carbon Disulfide	2.156	76	3568	0.279	ppbv #	1
29) Chloroform	2.852	83	4512	0.209	ppbv #	81
31) cis-1,2-Dichloroethene	2.725	61	11210	0.737	ppbv	97
34) 2-Butanone	2.564	43	18897	0.925	ppbv	99
36) Benzene	3.661	78	3122	0.111	ppbv #	84
38) Trichloroethene	4.561	130	22929	1.912	ppbv	95
39) 1,2-Dichloropropane	3.962	63	74132	7.107	ppbv #	21
41) Tetrahydrofuran	3.072	42	1373	0.115	ppbv	94
51) 2-Hexanone	7.451	43	6687	0.298	ppbv #	90
52) Tetrachloroethene	8.247	164	1731852	164.307	ppbv	98
53) Toluene	6.936	91	23079	0.708	ppbv	99
59) m/p-Xylene	9.539	91	15566	0.444	ppbv	93
60) o-Xylene	9.969	91	5997	0.172	ppbv	100
61) Styrene	9.875	104	601	0.036	ppbv #	44
66) Benzyl Chloride	11.620	91	221	0.037	ppbv #	64
69) p-Isopropyltoluene	11.934	119	2698	0.049	ppbv #	84
71) 2-Chlorotoluene	10.995	91	2935	0.074	ppbv	70
72) 4-Ethyltoluene	11.131	105	1457	0.033	ppbv #	48
73) 1,3,5-Trimethylbenzene	11.209	105	2694	0.075	ppbv	89
74) 1,2,4-Trimethylbenzene	11.539	105	4282	0.107	ppbv #	60
79) Naphthalene	13.520	128	2279	0.060	ppbv #	53
80) Naphthalene,2-methyl-	14.471	142	834	0.049	ppbv #	74

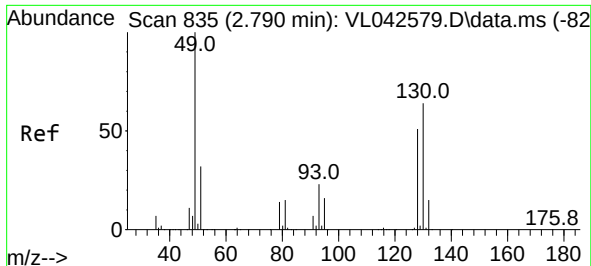
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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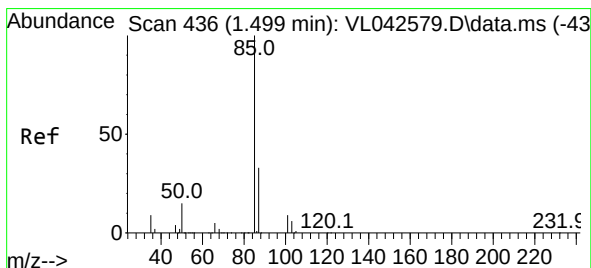
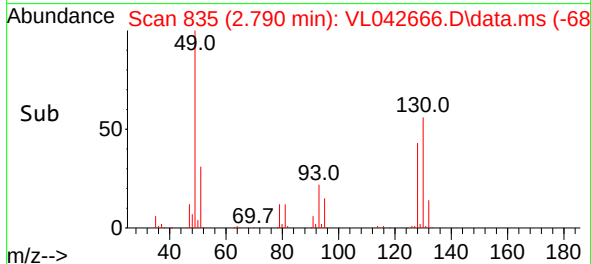
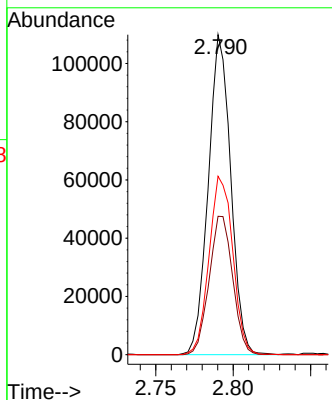
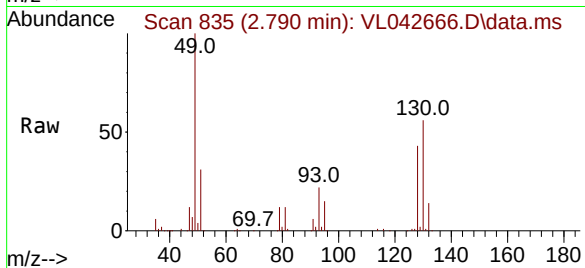




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

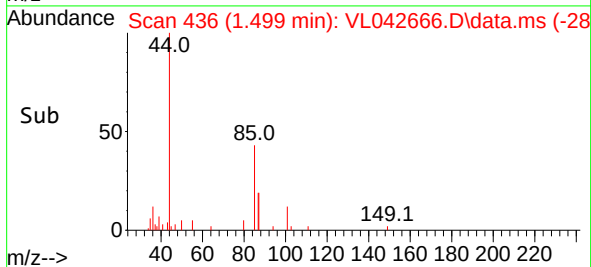
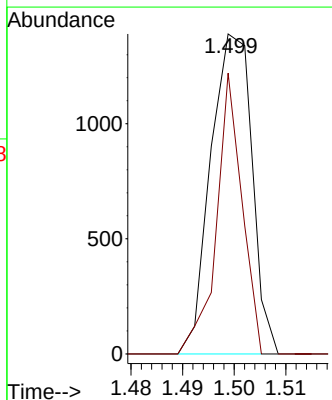
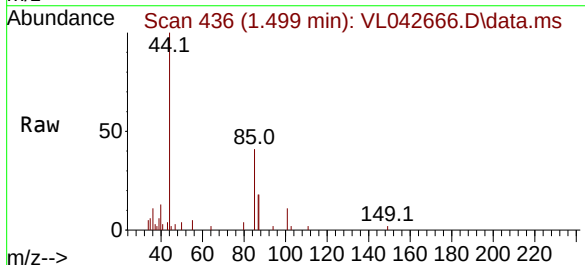
Instrument :
MSVOA_L
ClientSampleId :
SV1

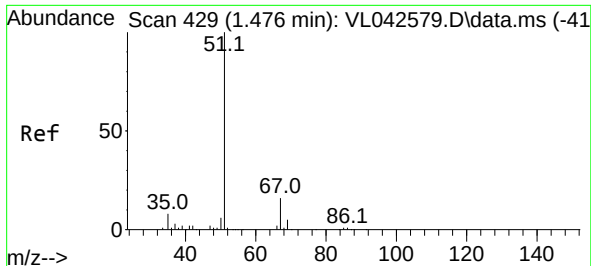
Tgt Ion: 49 Resp: 111038
Ion Ratio Lower Upper
49 100
128 45.1 24.2 72.6
130 58.9 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 0.057 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 85 Resp: 775
Ion Ratio Lower Upper
85 100
87 87.8 26.6 39.8

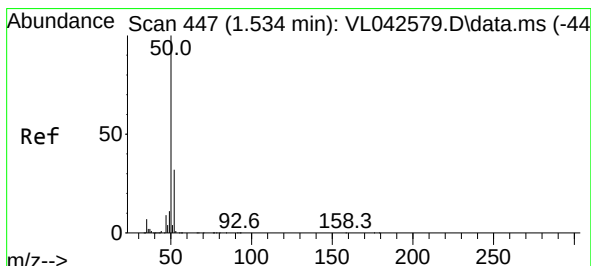
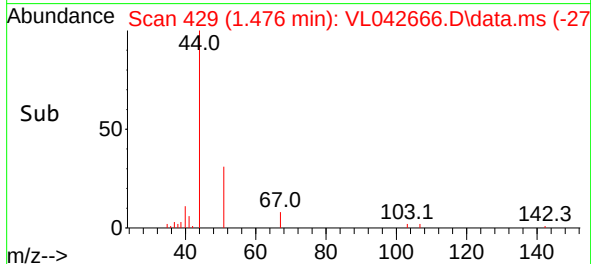
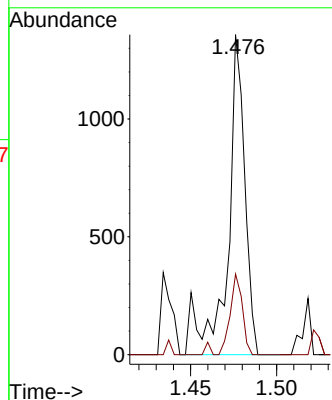
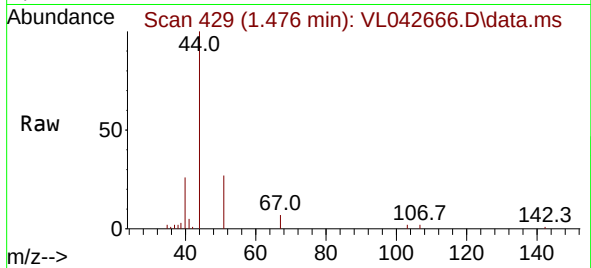




#3
Chlorodifluoromethane
Concen: 0.049 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

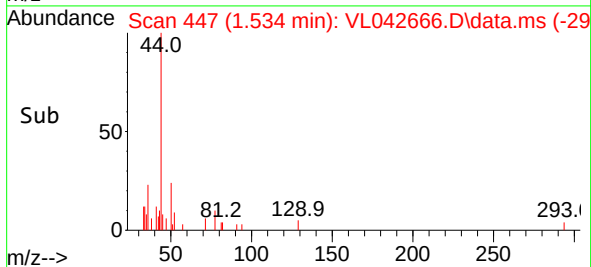
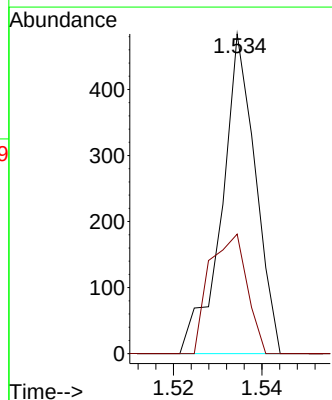
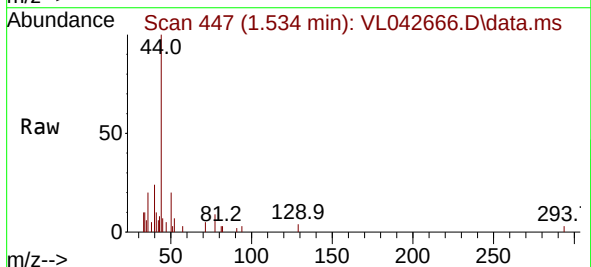
Instrument :
MSVOA_L
ClientSampleId :
SV1

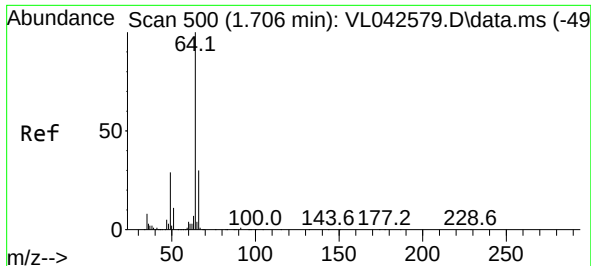
Tgt Ion: 51 Resp: 930
Ion Ratio Lower Upper
51 100
67 19.0 13.4 20.2



#4
Chloromethane
Concen: 0.047 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 37.4 25.8 38.6

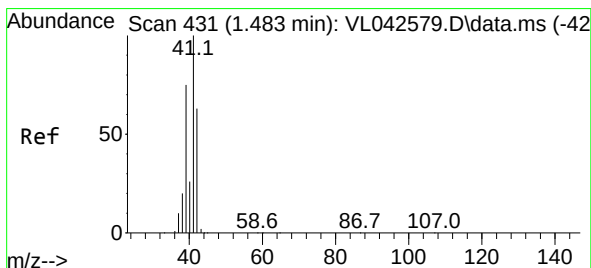
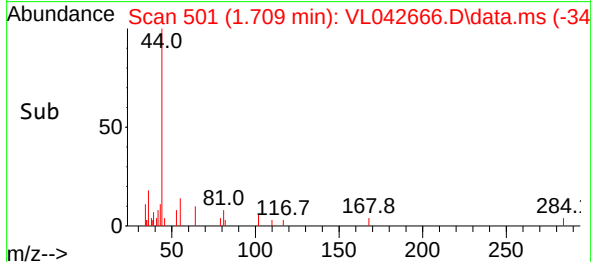
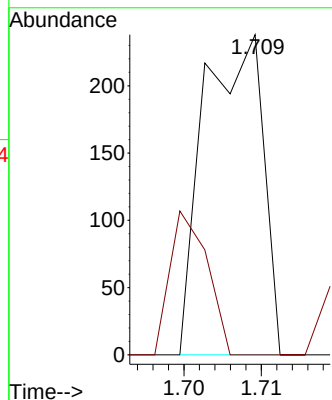
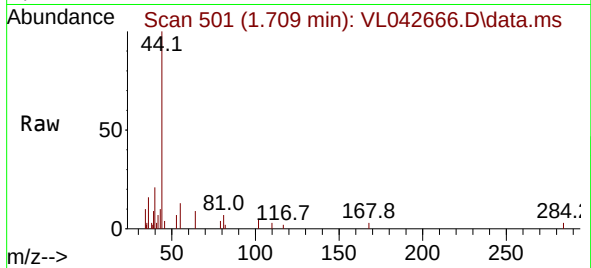




#7
Chloroethane
Concen: 0.059 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

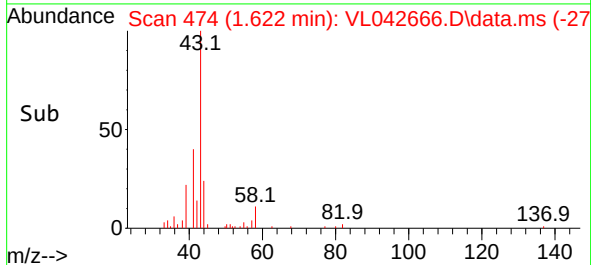
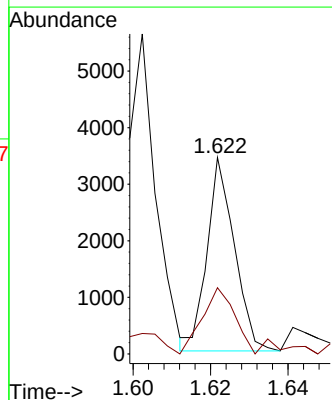
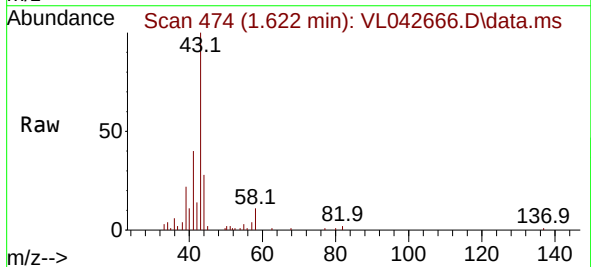
Instrument :
MSVOA_L
ClientSampleId :
SV1

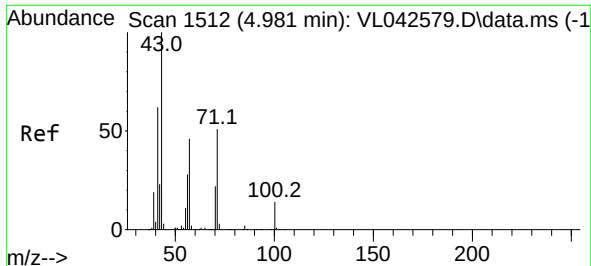
Tgt Ion: 64 Resp: 126
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#9
Propene
Concen: 0.222 ppbv
RT: 1.622 min Scan# 474
Delta R.T. 0.139 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 41 Resp: 1677
Ion Ratio Lower Upper
41 100
42 53.4 53.3 79.9

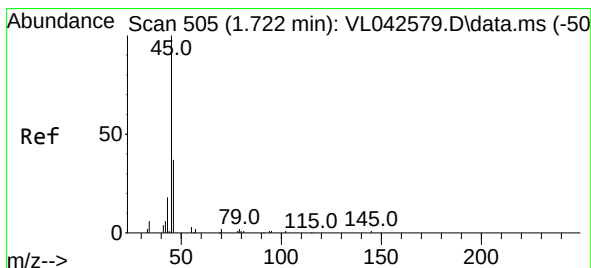
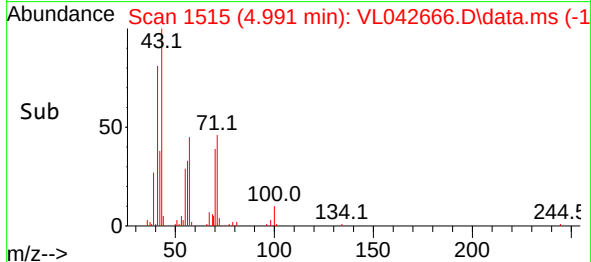
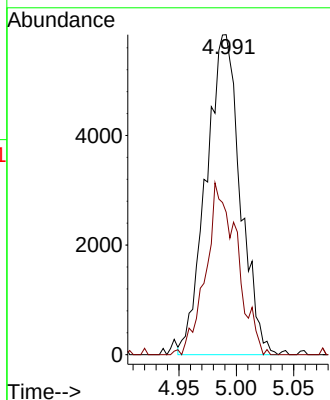
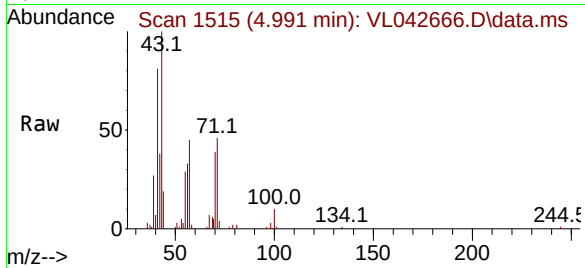




#10
Heptane
Concen: 0.568 ppbv
RT: 4.991 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

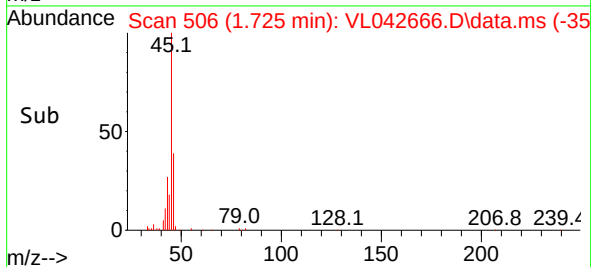
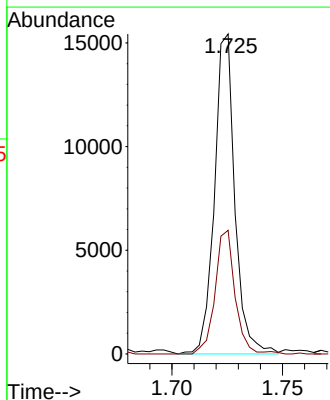
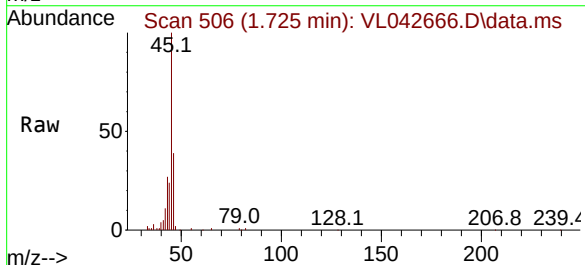
Instrument :
MSVOA_L
ClientSampleId :
SV1

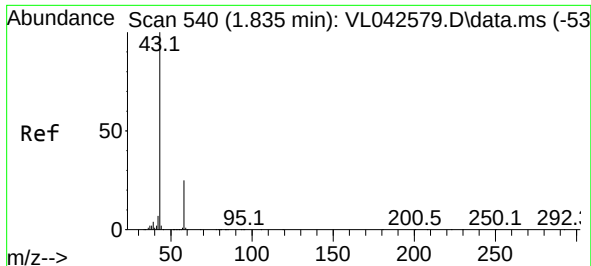
Tgt Ion: 43 Resp: 12119
Ion Ratio Lower Upper
43 100
57 49.0 38.9 58.3



#13
Ethanol
Concen: 10.977 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 45 Resp: 9902
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1#





#15

Acetone

Concen: 11.308 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

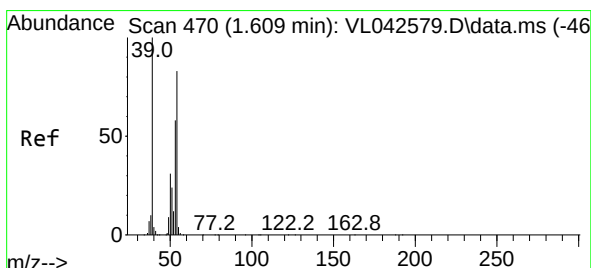
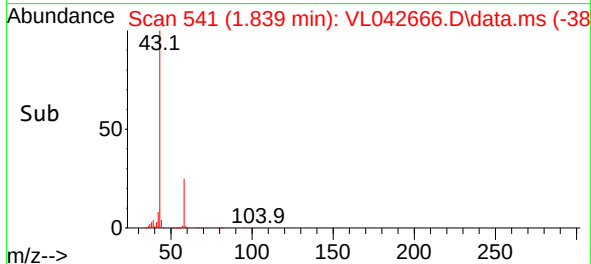
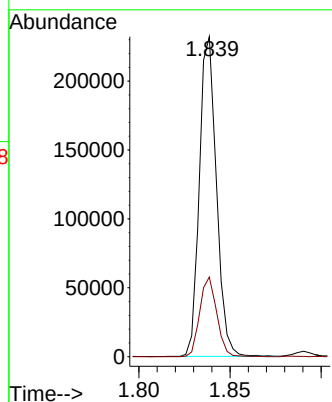
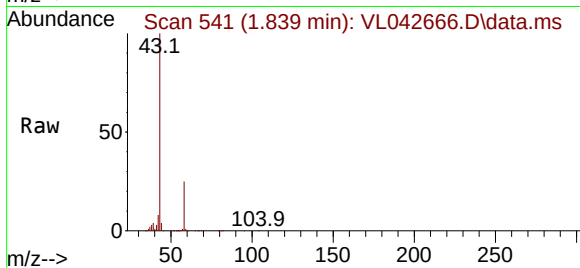
SV1

Tgt Ion: 43 Resp: 151237

Ion Ratio Lower Upper

43 100

58 24.9 21.0 31.4



#16

1,3-Butadiene

Concen: 0.320 ppbv

RT: 1.602 min Scan# 468

Delta R.T. -0.006 min

Lab File: VL042666.D

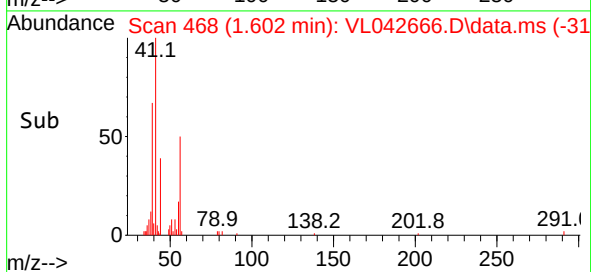
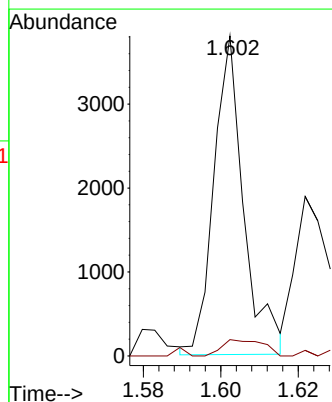
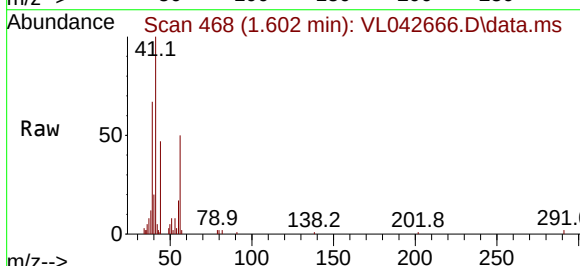
Acq: 23 Jun 2025 11:30

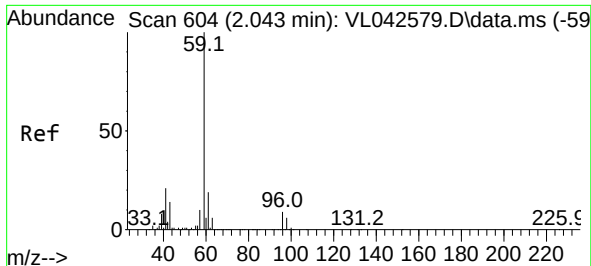
Tgt Ion: 39 Resp: 2027

Ion Ratio Lower Upper

39 100

54 7.8 57.9 86.9#

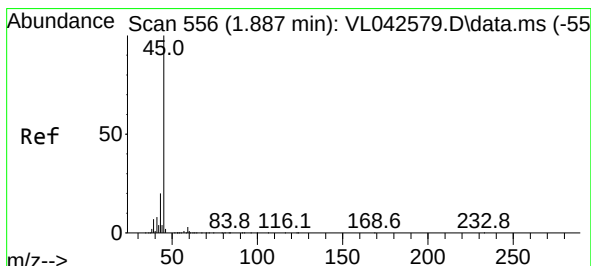
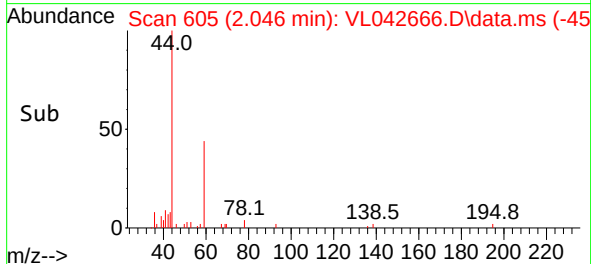
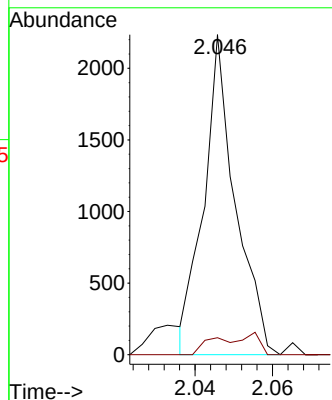
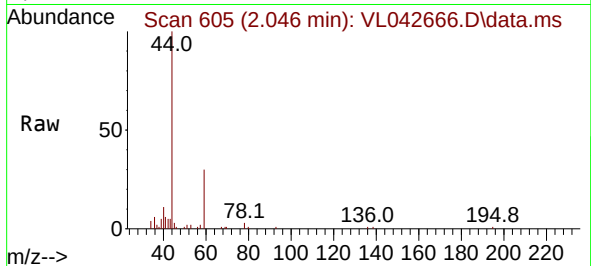




#17
tert-Butyl alcohol
Concen: 0.091 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

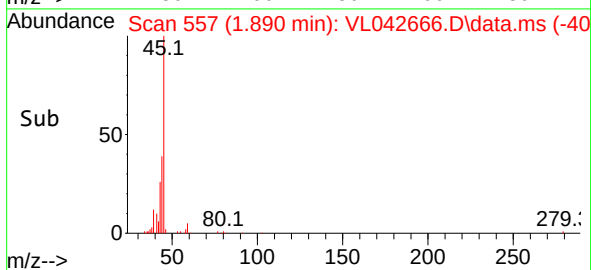
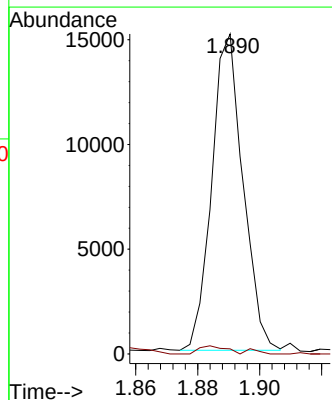
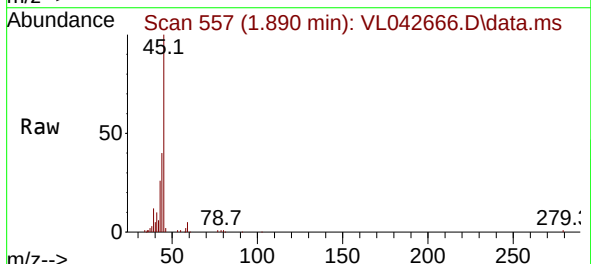
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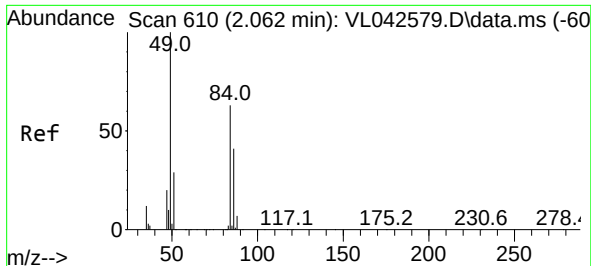
Tgt Ion: 59 Resp: 1263
Ion Ratio Lower Upper
59 100
57 8.7 8.6 12.8



#19
Isopropyl Alcohol
Concen: 1.322 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 45 Resp: 10569
Ion Ratio Lower Upper
45 100
58 356.0 29.4 44.2#

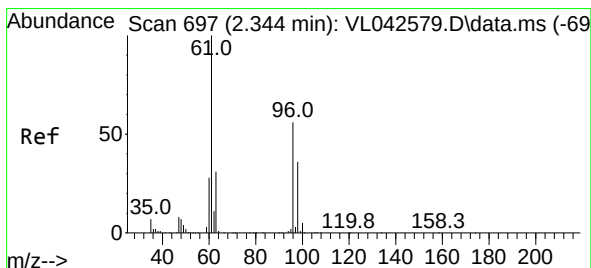
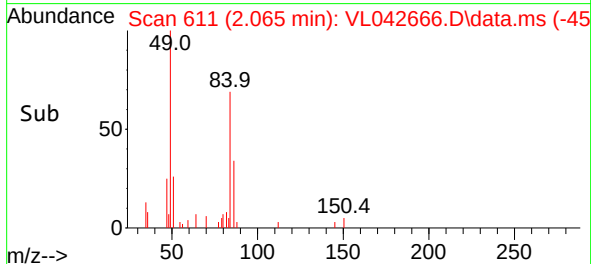
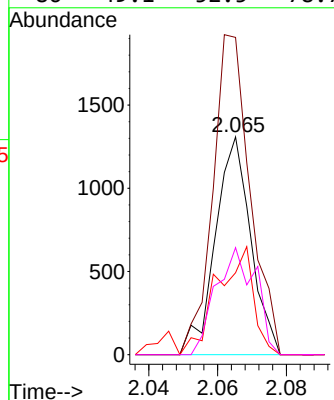
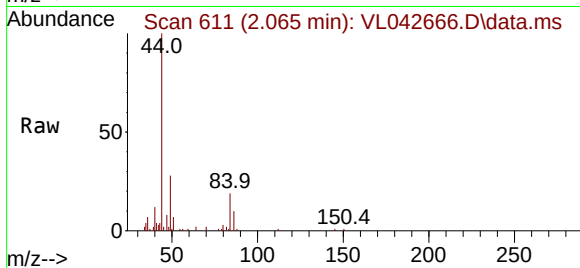




#20
Methylene Chloride
Concen: 0.212 ppbv
RT: 2.065 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

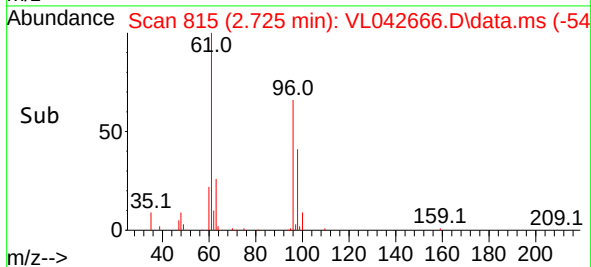
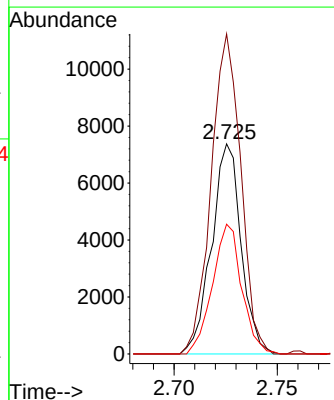
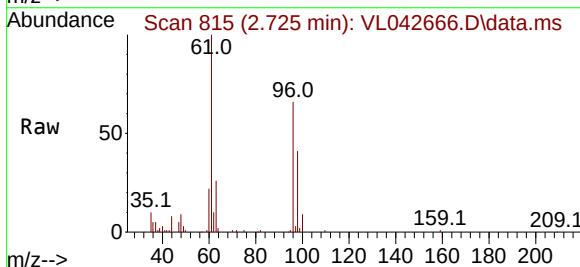
Instrument :
MSVOA_L
ClientSampleId :
SV1

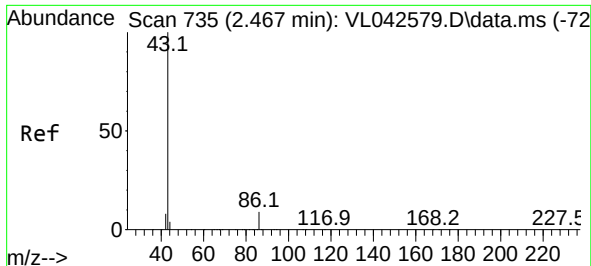
Tgt Ion:	84	Resp:	935
Ion	Ratio	Lower	Upper
84	100		
49	145.7	128.8	193.2
51	37.6	38.6	57.8#
86	49.1	52.5	78.7#



#22
trans-1,2-Dichloroethene
Concen: 1.419 ppbv
RT: 2.725 min Scan# 815
Delta R.T. 0.382 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion:	96	Resp:	7326
Ion	Ratio	Lower	Upper
96	100		
61	152.4	142.6	214.0
98	61.8	51.0	76.4

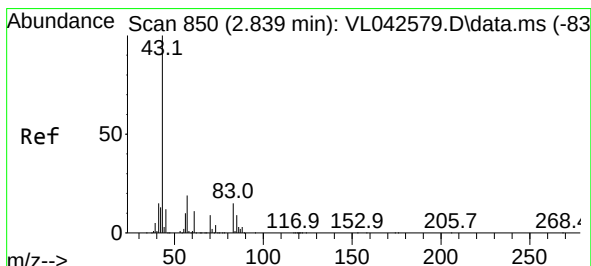
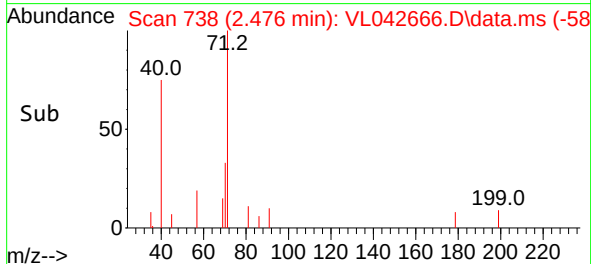
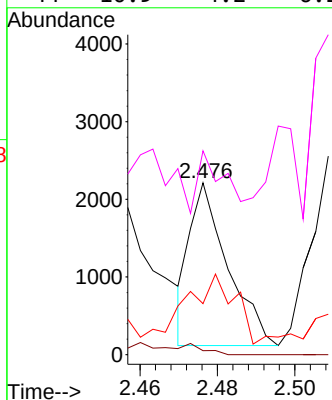
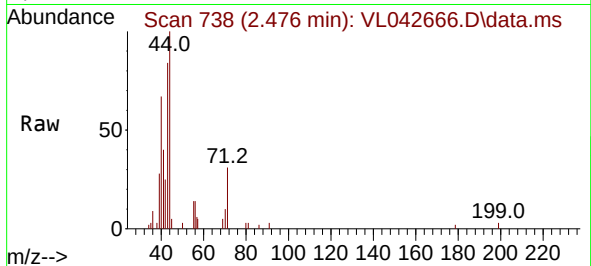




#23
 Vinyl Acetate
 Concen: 0.079 ppbv
 RT: 2.476 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL042666.D
 Acq: 23 Jun 2025 11:30

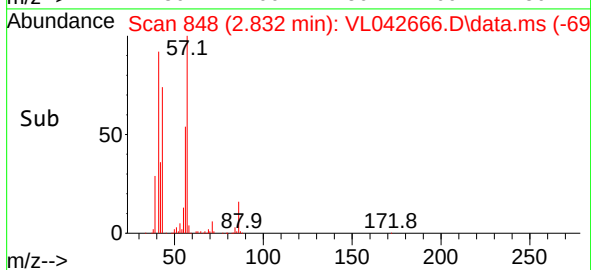
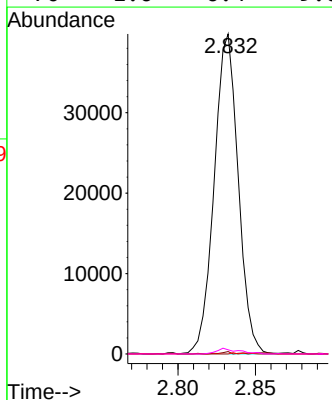
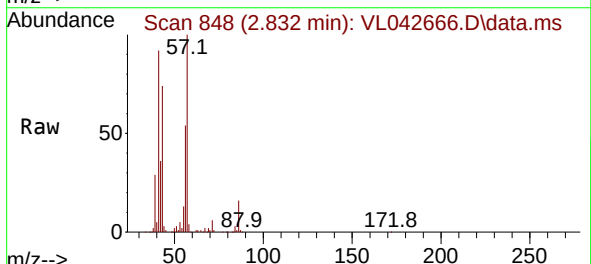
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

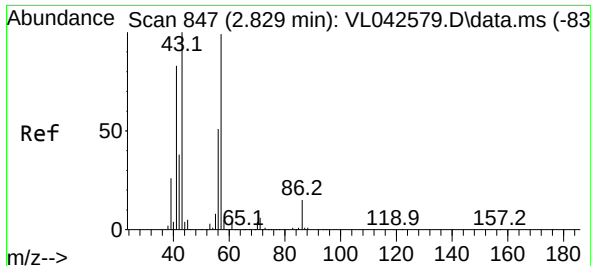
Tgt Ion: 43	Resp: 1436
Ion Ratio	Lower Upper
43 100	
86 2.4	6.6 9.8#
42 20.6	7.0 10.4#
44 10.9	4.2 6.2#



#25
 Ethyl Acetate
 Concen: 1.173 ppbv
 RT: 2.832 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VL042666.D
 Acq: 23 Jun 2025 11:30

Tgt	Ion: 43	Resp:	42949
Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.2	12.2#
61	0.0	7.1	10.7#
70	1.6	6.4	9.6#

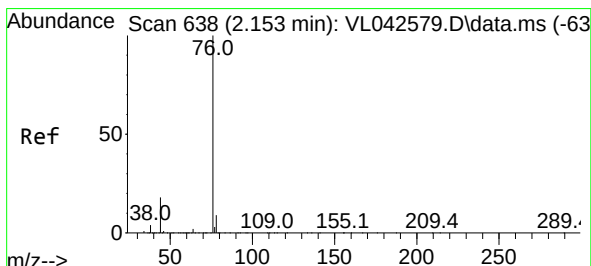
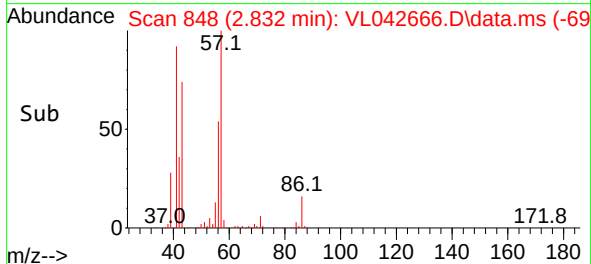
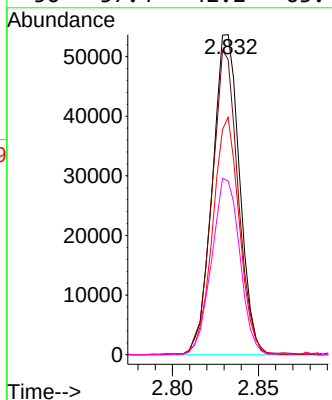
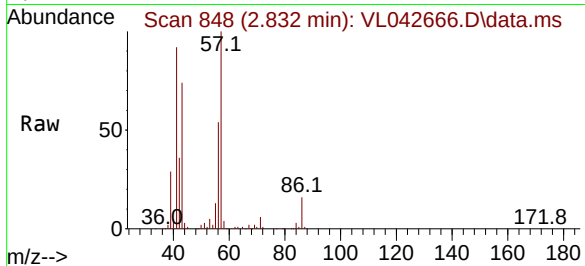




#26
Hexane
Concen: 3.541 ppbv
RT: 2.832 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

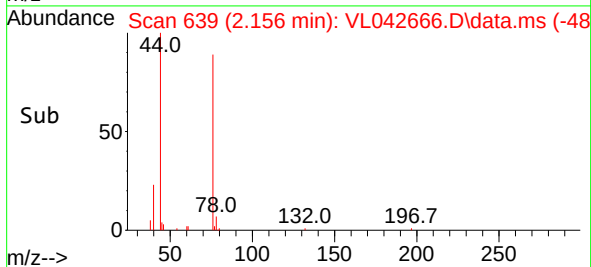
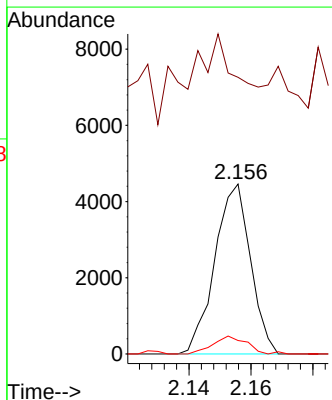
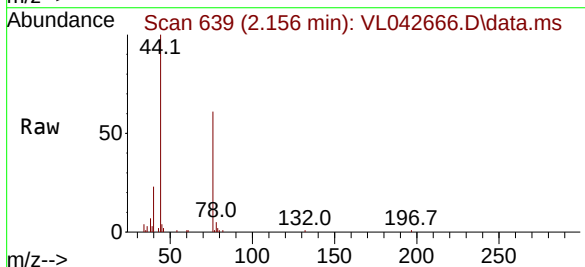
Instrument :
MSVOA_L
ClientSampleId :
SV1

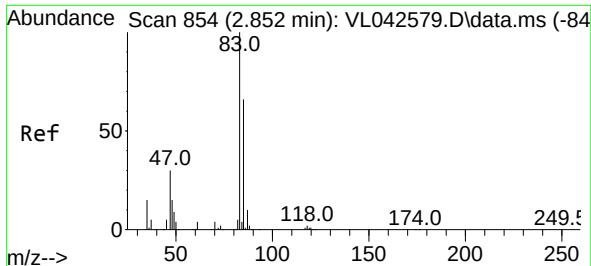
Tgt Ion: 57 Resp: 58892
Ion Ratio Lower Upper
57 100
41 92.6 70.6 106.0
43 73.3 181.1 271.7#
56 57.4 42.2 63.4



#27
Carbon Disulfide
Concen: 0.279 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 76 Resp: 3568
Ion Ratio Lower Upper
76 100
44 409.6 21.3 31.9#
78 10.9 9.4 14.0





#29

Chloroform

Concen: 0.209 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

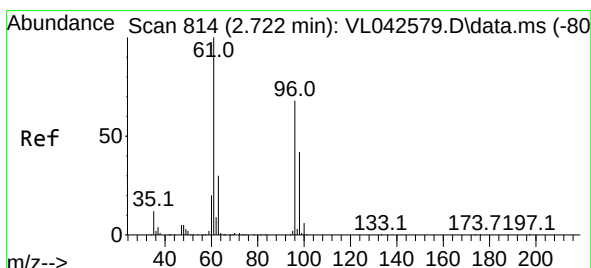
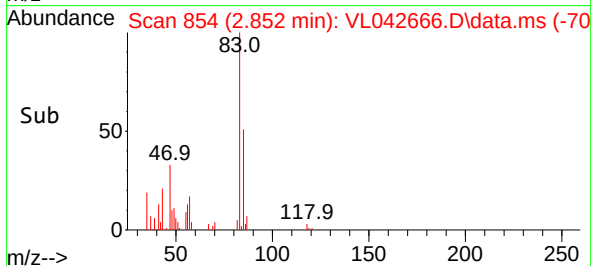
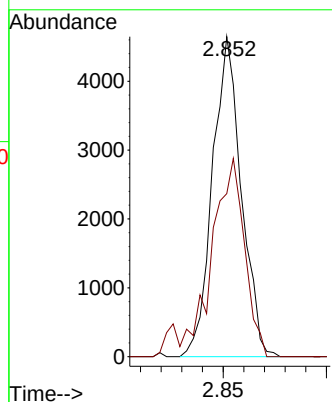
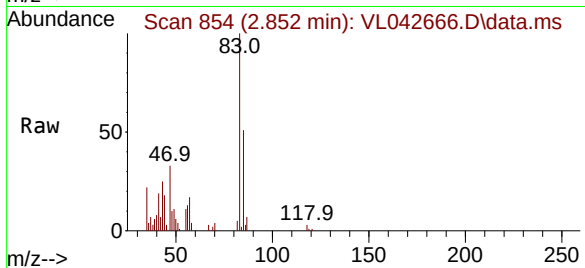
SV1

Tgt Ion: 83 Resp: 4512

Ion Ratio Lower Upper

83 100

85 51.0 52.8 79.2#



#31

cis-1,2-Dichloroethene

Concen: 0.737 ppbv

RT: 2.725 min Scan# 815

Delta R.T. 0.003 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

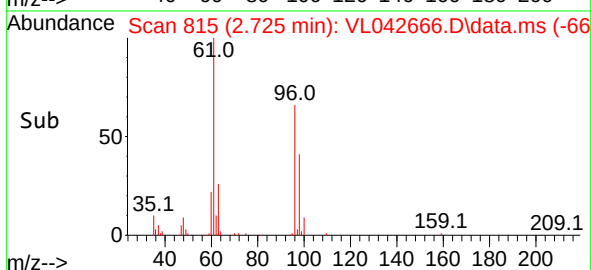
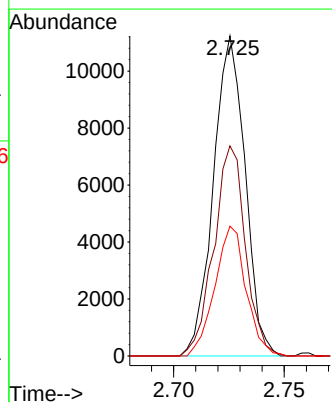
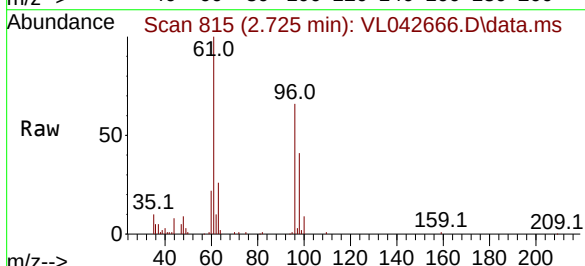
Tgt Ion: 61 Resp: 11210

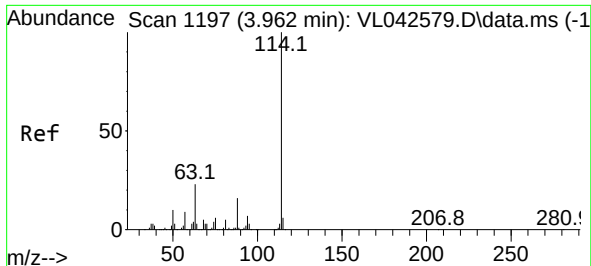
Ion Ratio Lower Upper

61 100

96 65.6 54.5 81.7

98 40.6 33.4 50.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.003 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

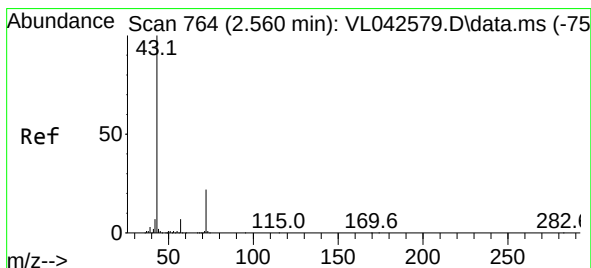
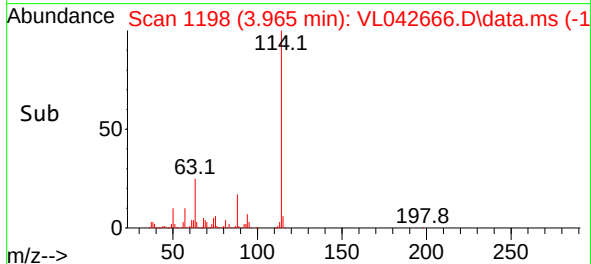
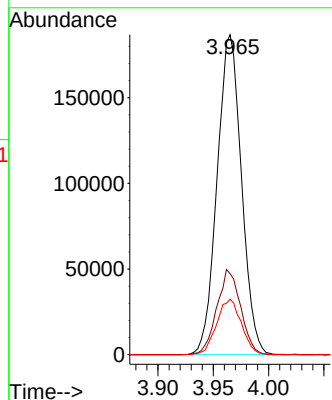
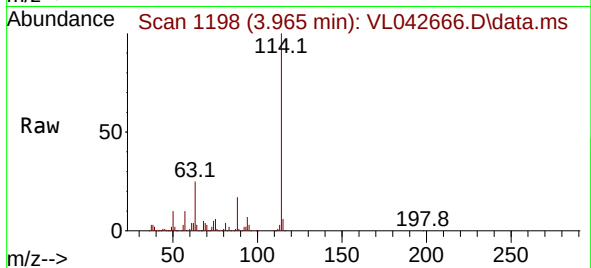
Tgt Ion:114 Resp: 286442

Ion Ratio Lower Upper

114 100

63 25.9 19.0 28.6

88 17.6 13.6 20.4



#34

2-Butanone

Concen: 0.925 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.003 min

Lab File: VL042666.D

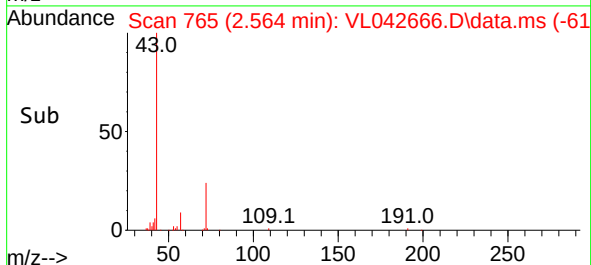
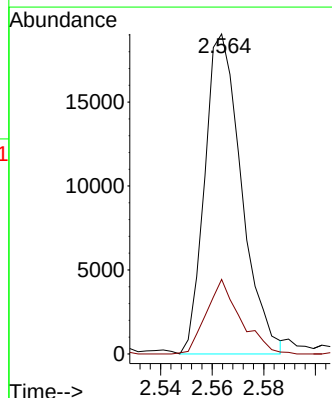
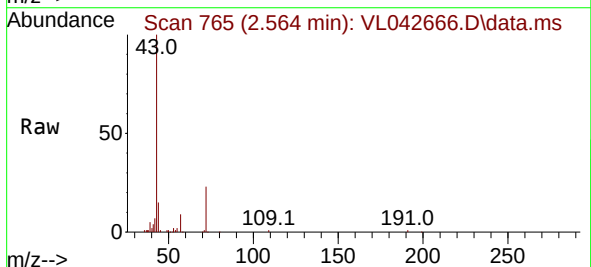
Acq: 23 Jun 2025 11:30

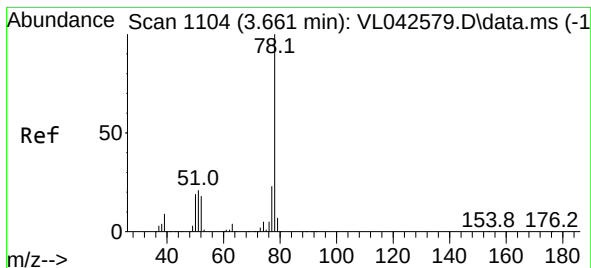
Tgt Ion: 43 Resp: 18897

Ion Ratio Lower Upper

43 100

72 21.7 17.7 26.5





#36

Benzene

Concen: 0.111 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

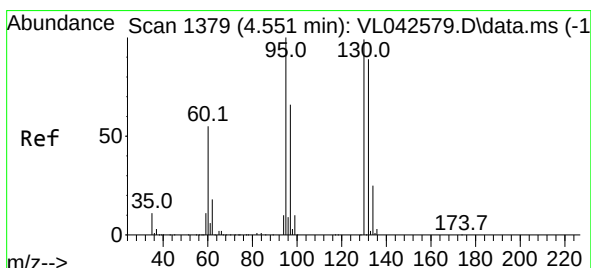
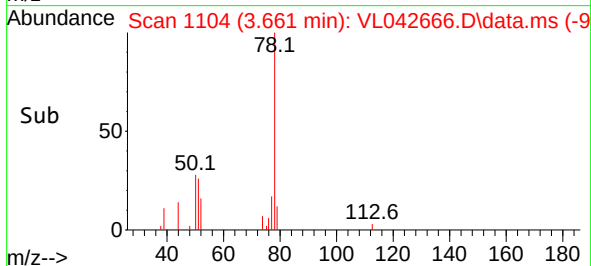
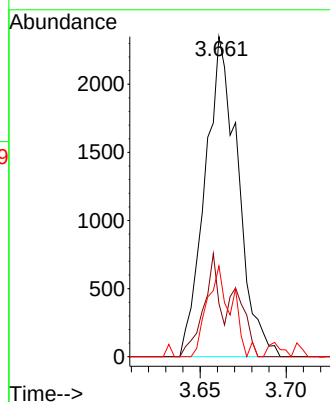
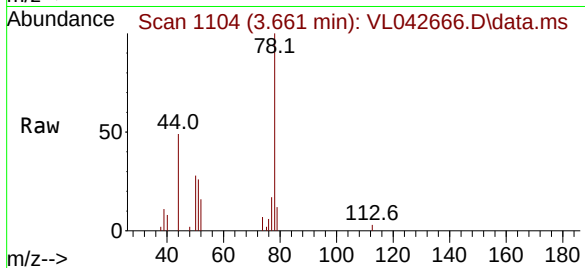
Tgt Ion: 78 Resp: 3122

Ion Ratio Lower Upper

78 100

77 16.7 18.2 27.2#

50 28.4 15.2 22.8#



#38

Trichloroethene

Concen: 1.912 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. 0.010 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Tgt Ion: 130 Resp: 22929

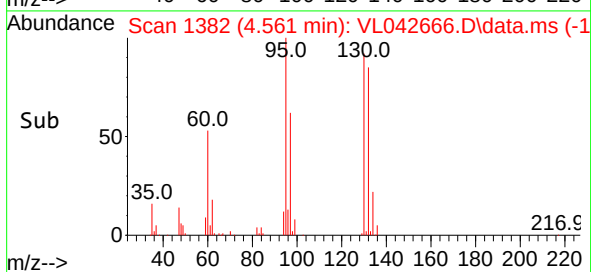
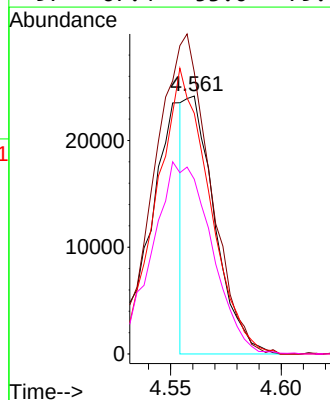
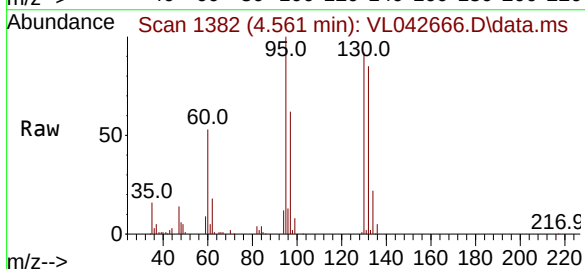
Ion Ratio Lower Upper

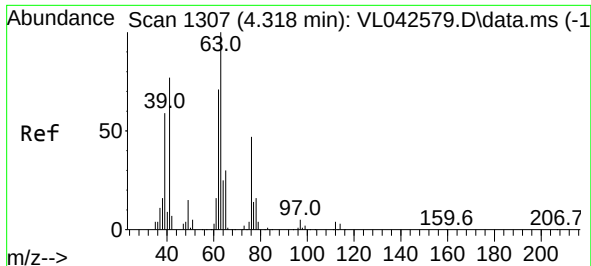
130 100

95 109.2 80.6 121.0

132 93.2 71.8 107.6

97 67.4 53.0 79.4





#39

1,2-Dichloropropane

Concen: 7.107 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.356 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

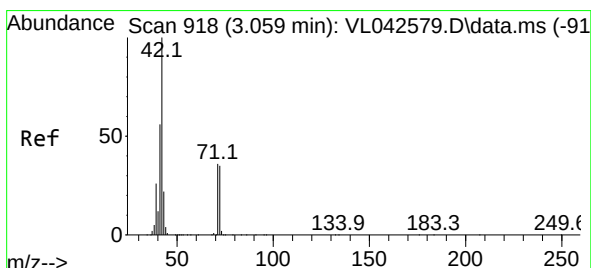
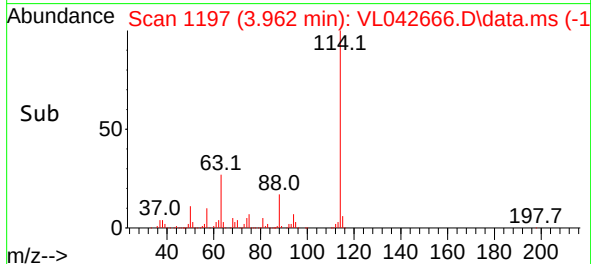
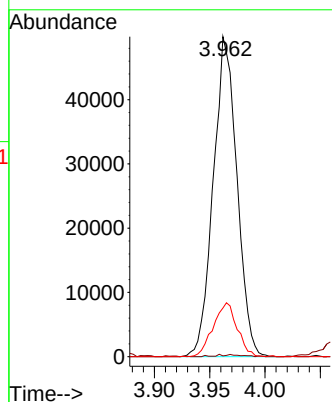
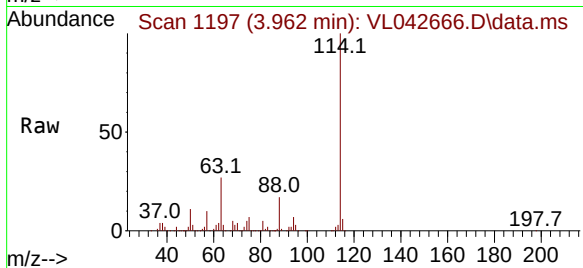
Tgt Ion: 63 Resp: 74132

Ion Ratio Lower Upper

63 100

41 0.2 61.8 92.6#

62 15.2 56.6 85.0#



#41

Tetrahydrofuran

Concen: 0.115 ppbv

RT: 3.072 min Scan# 922

Delta R.T. 0.013 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

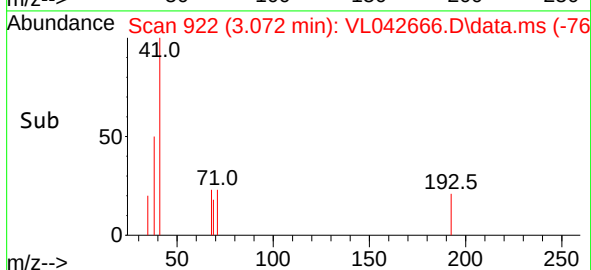
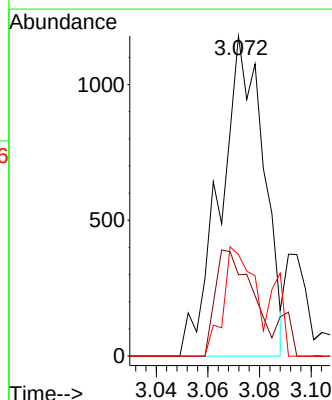
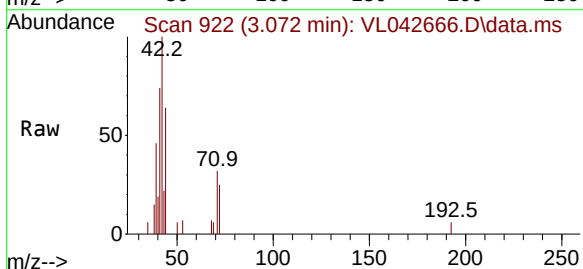
Tgt Ion: 42 Resp: 1373

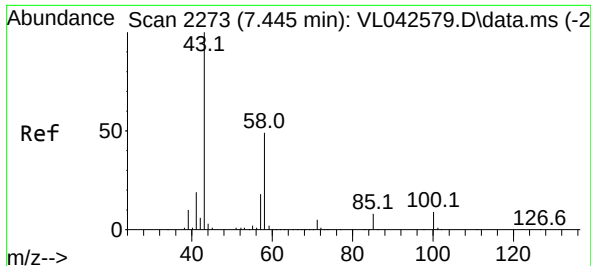
Ion Ratio Lower Upper

42 100

72 32.6 28.9 43.3

71 31.8 28.5 42.7

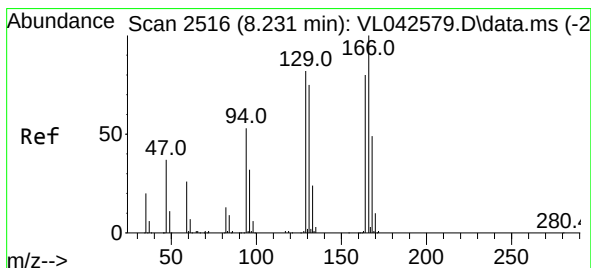
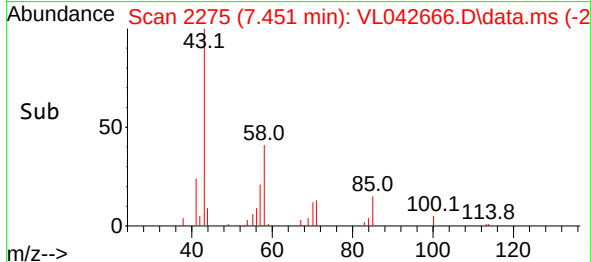
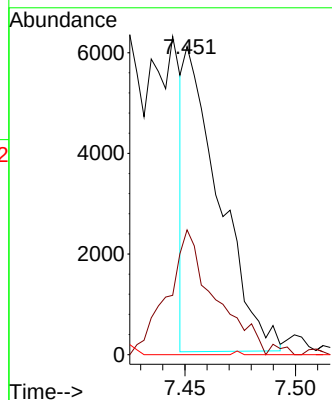
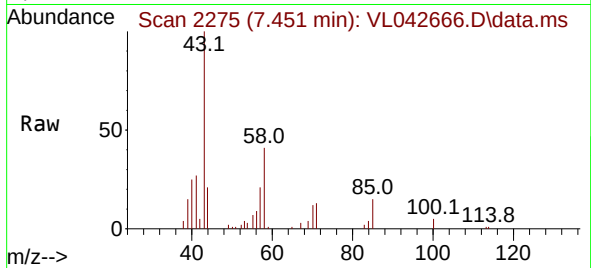




#51
2-Hexanone
Concen: 0.298 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

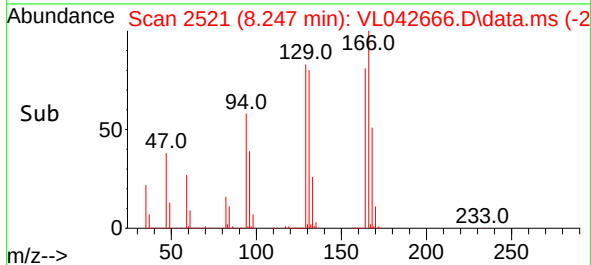
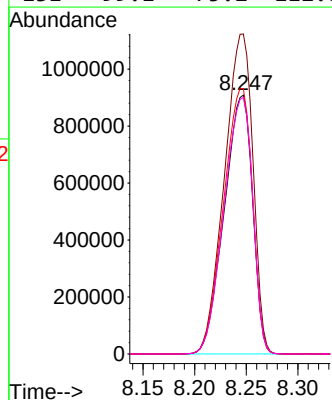
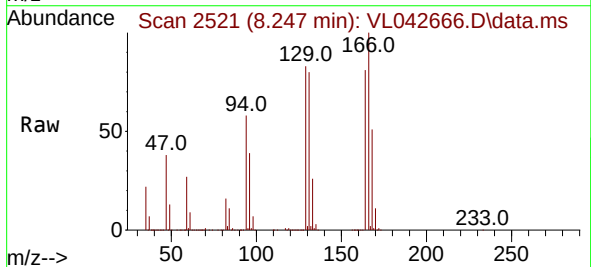
Instrument :
MSVOA_L
ClientSampleId :
SV1

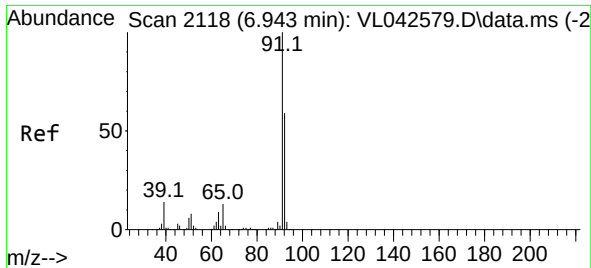
Tgt Ion: 43 Resp: 6687
Ion Ratio Lower Upper
43 100
58 56.9 39.9 59.9
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 164.307 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.016 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 164 Resp: 1731852
Ion Ratio Lower Upper
164 100
166 123.6 100.0 150.0
129 102.4 82.2 123.4
131 99.1 75.2 112.8





#53

Toluene

Concen: 0.708 ppbv

RT: 6.936 min Scan# 2116

Delta R.T. -0.006 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

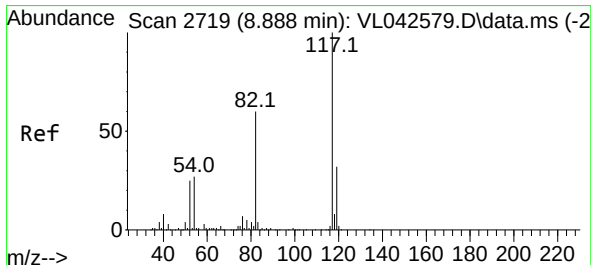
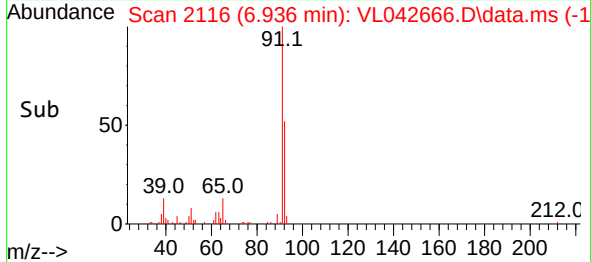
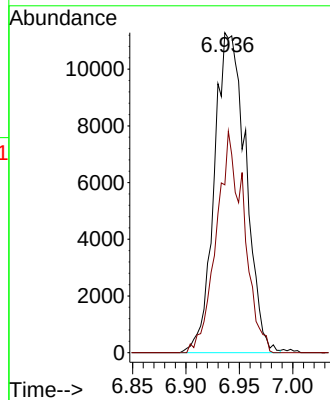
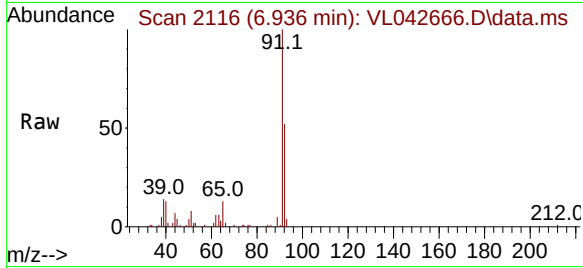
SV1

Tgt Ion: 91 Resp: 23079

Ion Ratio Lower Upper

91 100

92 60.8 48.2 72.4



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.000 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

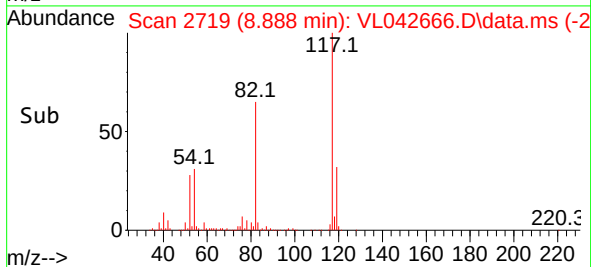
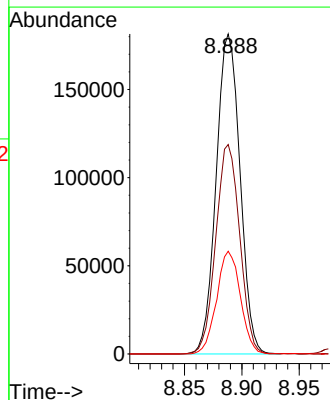
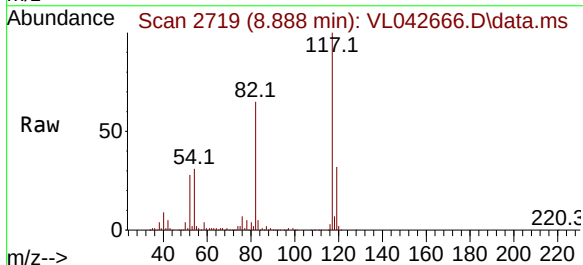
Tgt Ion: 117 Resp: 262633

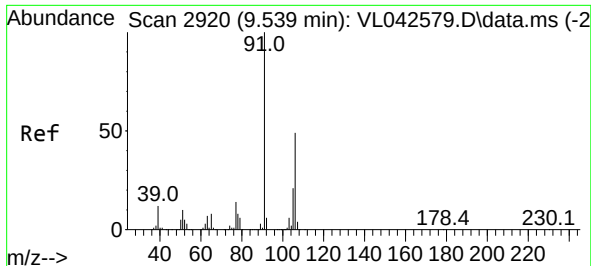
Ion Ratio Lower Upper

117 100

82 65.7 51.2 76.8

119 32.1 26.3 39.5





#59

m/p-Xylene

Concen: 0.444 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. 0.000 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

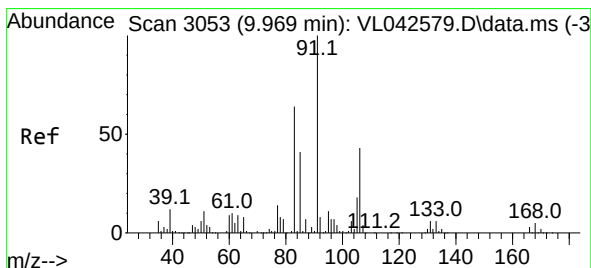
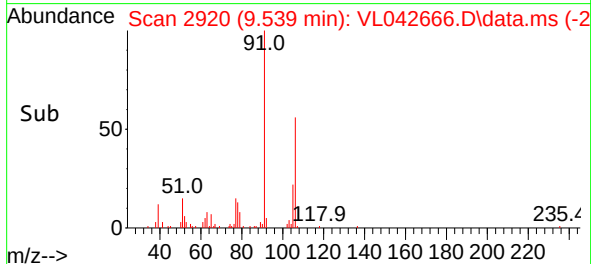
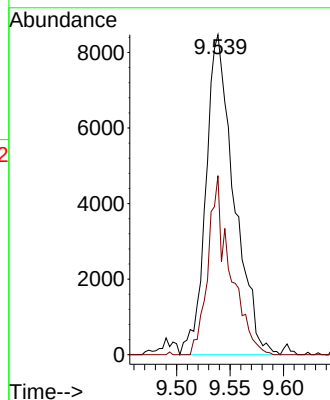
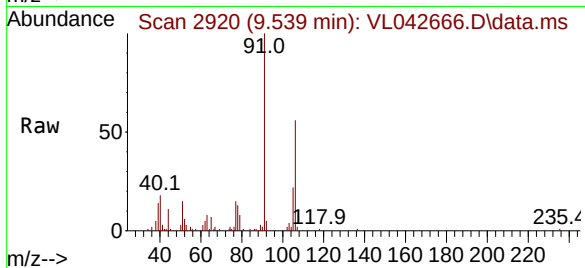
SV1

Tgt Ion: 91 Resp: 15566

Ion Ratio Lower Upper

91 100

106 43.9 38.8 58.2



#60

o-Xylene

Concen: 0.172 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL042666.D

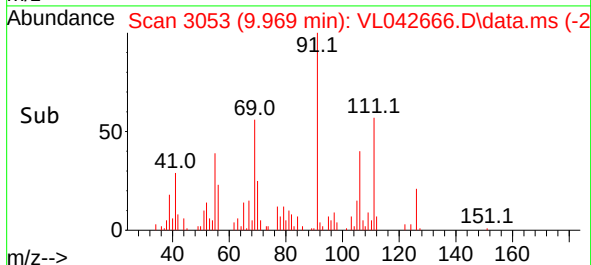
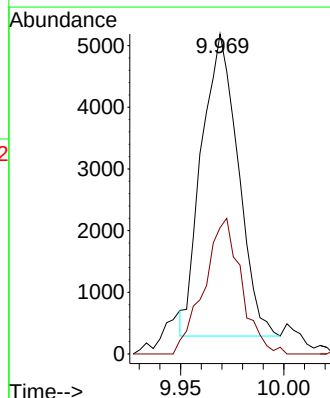
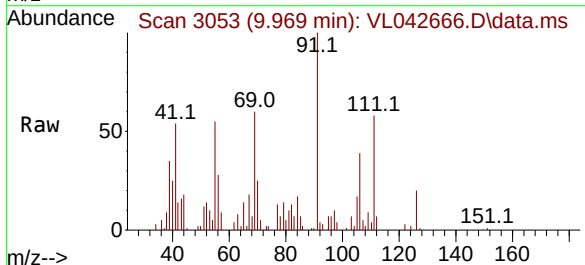
Acq: 23 Jun 2025 11:30

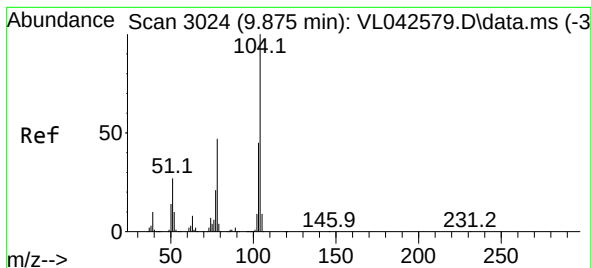
Tgt Ion: 91 Resp: 5997

Ion Ratio Lower Upper

91 100

106 45.8 22.9 68.5





#61

Styrene

Concen: 0.036 ppbv

RT: 9.875 min Scan# 3024

Delta R.T. -0.000 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

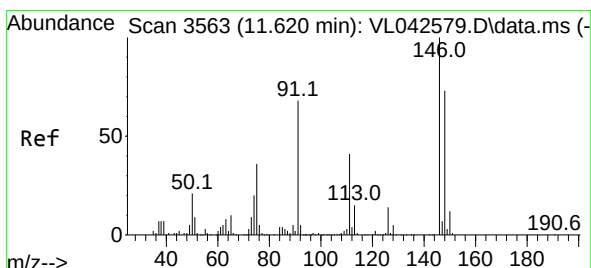
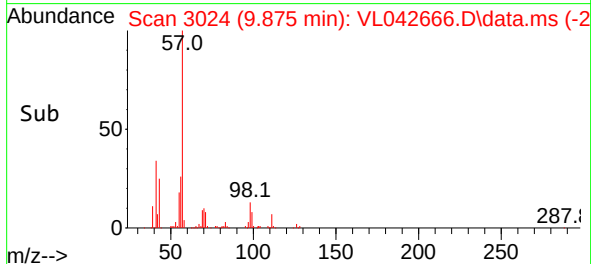
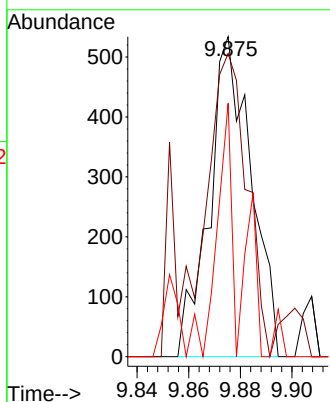
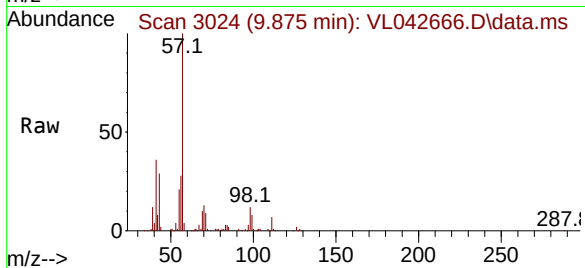
Tgt Ion:104 Resp: 601

Ion Ratio Lower Upper

104 100

78 114.6 38.2 57.4#

103 53.6 36.7 55.1



#66

Benzyl Chloride

Concen: 0.037 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.000 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

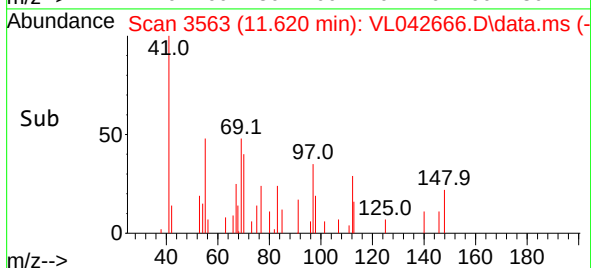
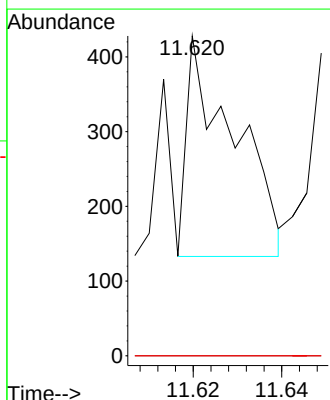
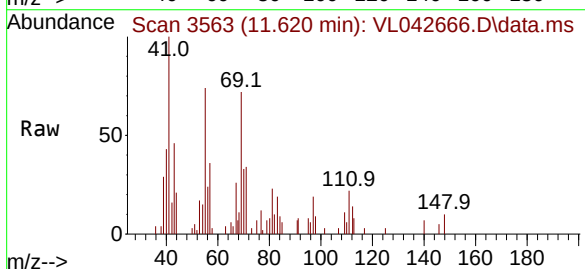
Tgt Ion: 91 Resp: 221

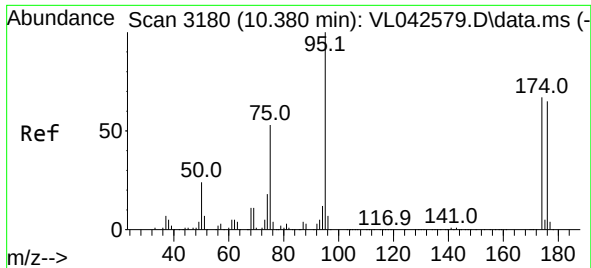
Ion Ratio Lower Upper

91 100

126 0.0 15.1 22.7#

128 0.0 5.0 7.6#

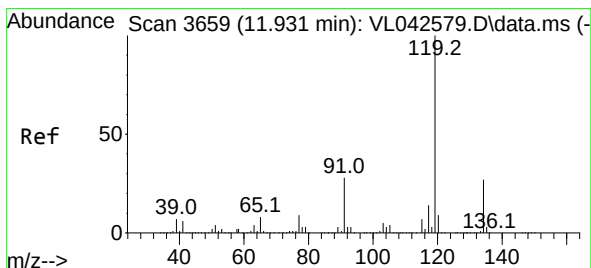
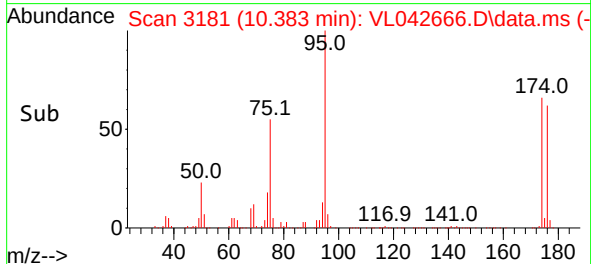
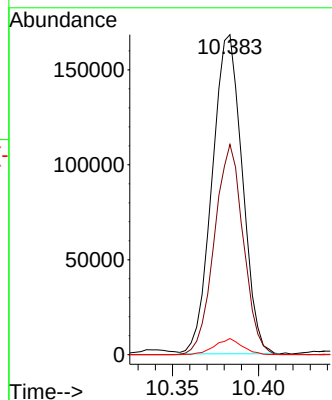
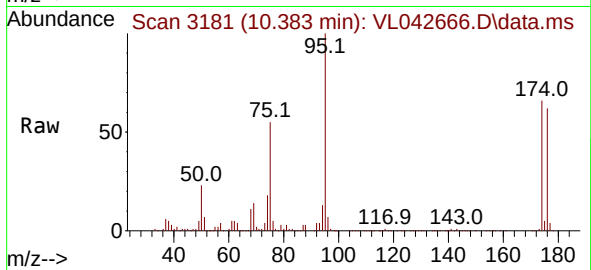




#68
1-Bromo-4-Fluorobenzene
Concen: 10.372 ppbv
RT: 10.383 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

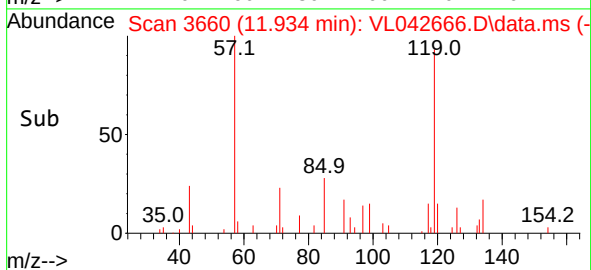
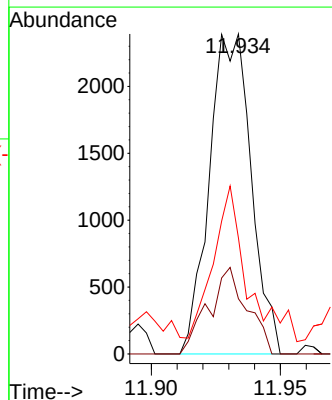
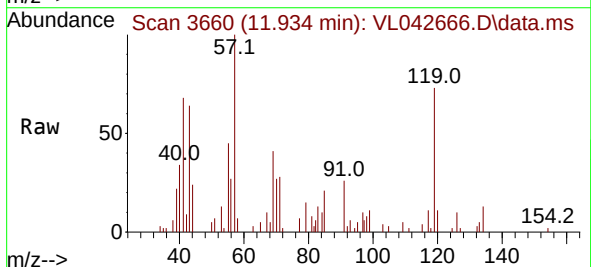
Instrument :
MSVOA_L
ClientSampleId :
SV1

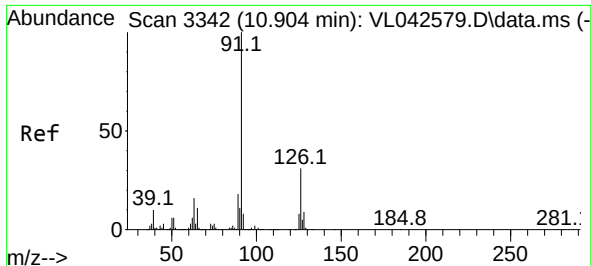
Tgt Ion: 95 Resp: 204206
Ion Ratio Lower Upper
95 100
174 63.5 53.1 79.7
175 4.6 4.2 6.2



#69
p-Isopropyltoluene
Concen: 0.049 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.003 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion: 119 Resp: 2698
Ion Ratio Lower Upper
119 100
134 24.9 21.1 31.7
91 42.0 21.9 32.9#

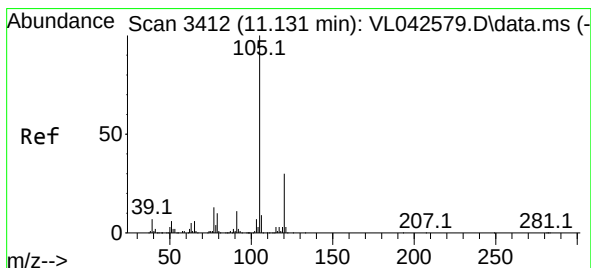
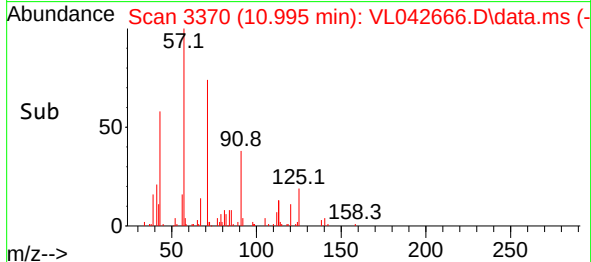
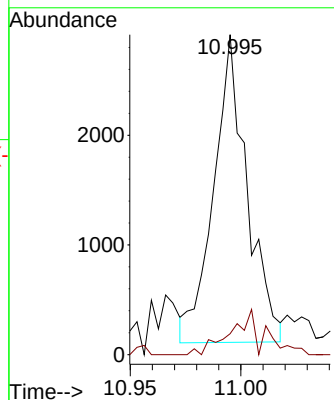
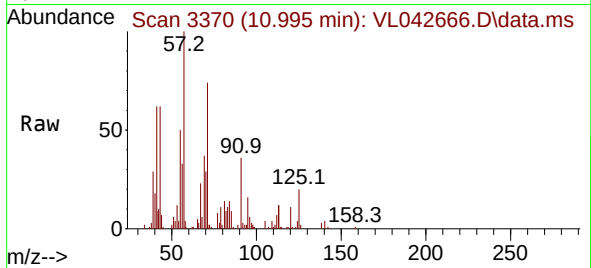




#71
2-Chlorotoluene
Concen: 0.074 ppbv
RT: 10.995 min Scan# 31
Delta R.T. 0.091 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

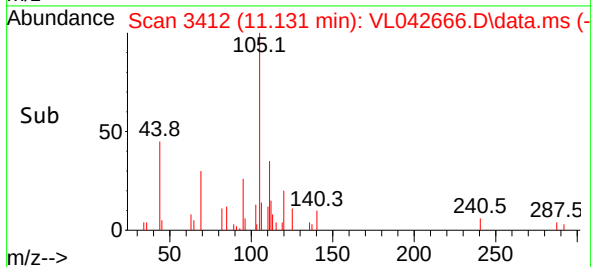
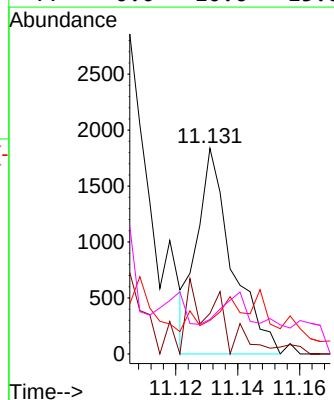
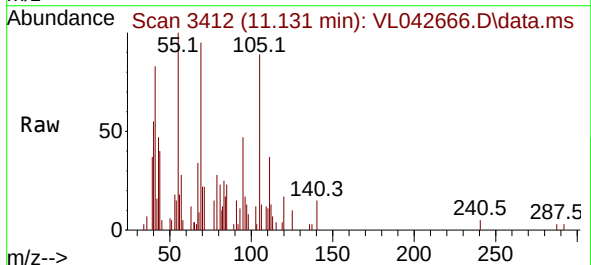
Instrument :
MSVOA_L
ClientSampleId :
SV1

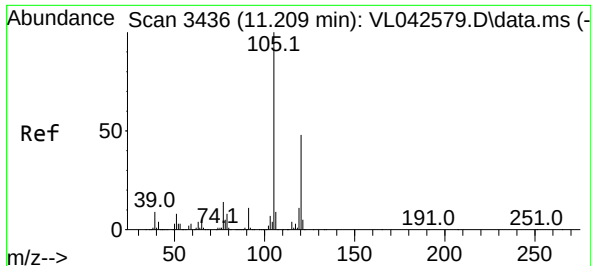
Tgt Ion: 91 Resp: 2935
Ion Ratio Lower Upper
91 100
126 14.7 12.6 50.4



#72
4-Ethyltoluene
Concen: 0.033 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042666.D
Acq: 23 Jun 2025 11:30

Tgt Ion:105 Resp: 1457
Ion Ratio Lower Upper
105 100
120 0.0 24.6 36.8#
91 37.1 9.6 14.4#
77 0.0 10.6 15.8#

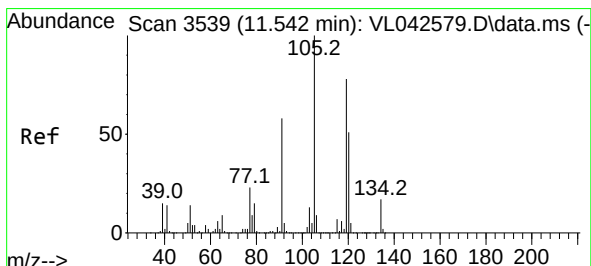
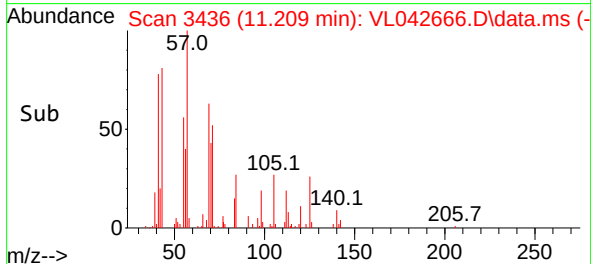
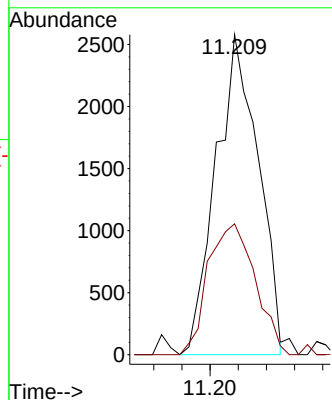
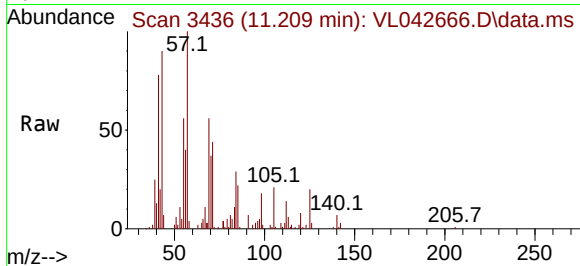




#73
 1,3,5-Trimethylbenzene
 Concen: 0.075 ppbv
 RT: 11.209 min Scan# 3436
 Delta R.T. -0.000 min
 Lab File: VL042666.D
 Acq: 23 Jun 2025 11:30

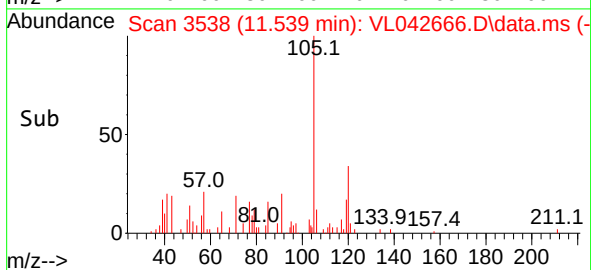
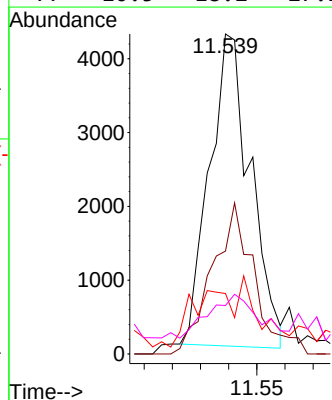
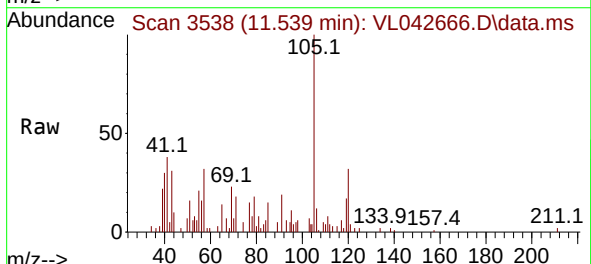
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

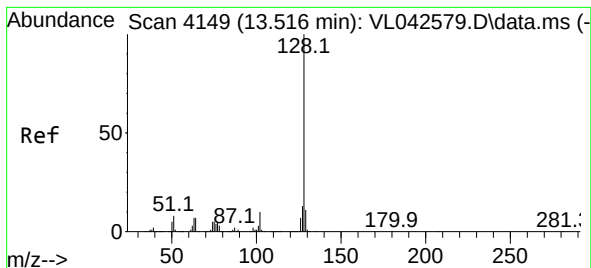
Tgt Ion:105 Resp: 2694
 Ion Ratio Lower Upper
 105 100
 120 40.9 38.8 58.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.107 ppbv
 RT: 11.539 min Scan# 3538
 Delta R.T. -0.003 min
 Lab File: VL042666.D
 Acq: 23 Jun 2025 11:30

Tgt Ion:105 Resp: 4282
 Ion Ratio Lower Upper
 105 100
 120 36.0 40.8 61.2#
 91 11.9 46.8 70.2#
 77 10.5 18.2 27.2#





#79

Naphthalene

Concen: 0.060 ppbv

RT: 13.520 min Scan# 4149

Delta R.T. 0.003 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Instrument :

MSVOA_L

ClientSampleId :

SV1

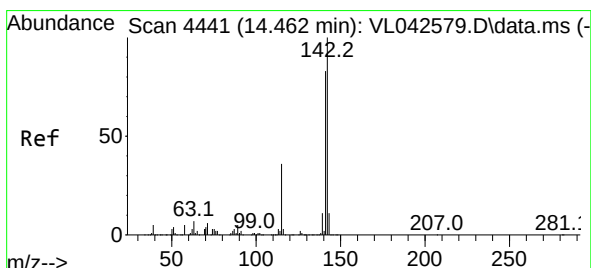
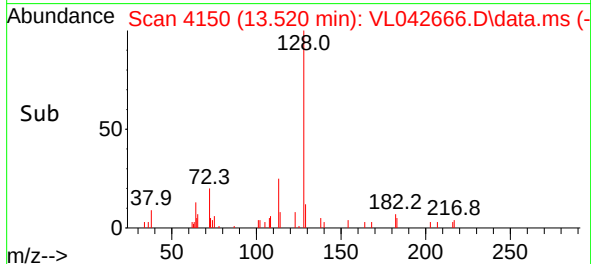
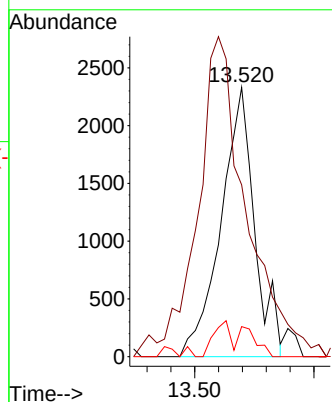
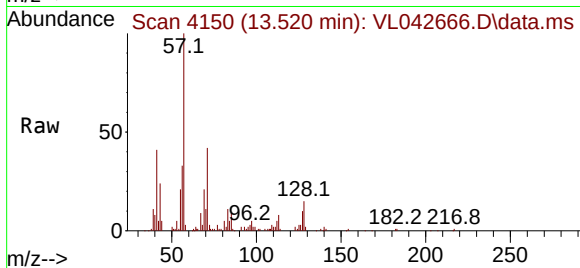
Tgt Ion:128 Resp: 2279

Ion Ratio Lower Upper

128 100

127 47.3 10.2 15.4#

129 11.2 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 0.049 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. 0.010 min

Lab File: VL042666.D

Acq: 23 Jun 2025 11:30

Tgt Ion:142 Resp: 834

Ion Ratio Lower Upper

142 100

141 104.9 66.2 99.4#

115 52.4 28.3 42.5#

