

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042962.D
 Acq On : 22 Sep 2025 18:04
 Operator : SY/MD
 Sample : Q3112-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Sep 23 02:53:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

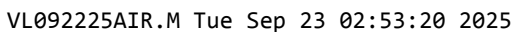
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

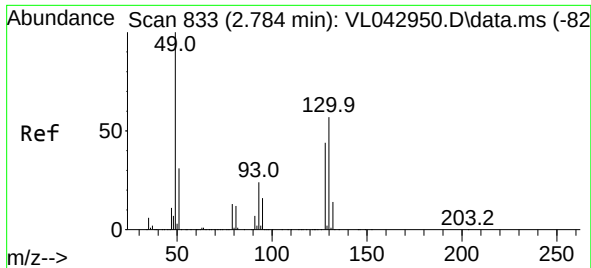
Internal Standards						
1) Bromochloromethane	2.797	49	168176	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.965	114	513006	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.885	117	448889	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	337380	10.069	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.495	85	2659	0.118	ppbv	98
3) Chlorodifluoromethane	1.470	51	97326	3.452	ppbv #	85
4) Chloromethane	1.531	50	1349	0.132	ppbv #	85
7) Chloroethane	1.525	64	2025	0.563	ppbv #	82
9) Propene	1.479	41	349498	28.496	ppbv	89
10) Heptane	4.988	43	16949	0.518	ppbv	95
11) Trichlorofluoromethane	1.884	101	893679	40.976	ppbv	96
12) 1,1,2-Trichlorotrifluo...	1.884	101	893679	50.600	ppbv #	15
13) Ethanol	1.725	45	5091	4.279	ppbv #	35
15) Acetone	1.839	43	279146	12.744	ppbv	93
16) 1,3-Butadiene	1.618	39	16534	1.600	ppbv #	11
17) tert-Butyl alcohol	2.046	59	18537	0.772	ppbv #	85
19) Isopropyl Alcohol	1.910	45	14251	1.082	ppbv #	36
20) Methylene Chloride	2.068	84	4221	Below Cal	#	91
21) Allyl Chloride	2.101	41	4513	0.296	ppbv #	1
23) Vinyl Acetate	2.479	43	20207	0.646	ppbv #	45
25) Ethyl Acetate	2.835	43	22611	0.408	ppbv #	80
26) Hexane	2.835	57	31200	1.236	ppbv #	38
27) Carbon Disulfide	2.156	76	6377	0.282	ppbv #	59
29) Chloroform	2.855	83	3088	0.094	ppbv	98
30) Cyclohexane	3.865	84	3013	0.143	ppbv #	61
34) 2-Butanone	2.567	43	11709	0.326	ppbv	93
36) Benzene	3.664	78	33310	0.691	ppbv	97
39) 1,2-Dichloropropane	3.965	63	125720	7.149	ppbv #	24
44) 2,2,4-Trimethylpentane	4.648	57	4213	0.051	ppbv #	43
51) 2-Hexanone	7.454	43	4332	0.113	ppbv #	55
52) Tetrachloroethene	8.231	164	2644	0.142	ppbv	91
53) Toluene	6.943	91	76794	1.347	ppbv	99
58) Ethyl Benzene	9.357	91	10371	0.141	ppbv	96
59) m/p-Xylene	9.538	91	26248	0.452	ppbv #	100
60) o-Xylene	9.969	91	13169	0.227	ppbv	98
64) n-propylbenzene	10.989	120	939	0.042	ppbv #	53
65) tert-Butylbenzene	11.536	119	2341	0.030	ppbv #	57
69) p-Isopropyltoluene	11.927	119	3826	0.042	ppbv #	90
72) 4-Ethyltoluene	11.128	105	4559	0.063	ppbv #	59
73) 1,3,5-Trimethylbenzene	11.205	105	4854	0.082	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	18035	0.277	ppbv #	67
79) Naphthalene	13.513	128	3758	0.065	ppbv #	76
80) Naphthalene,2-methyl-	14.461	142	5755	0.323	ppbv	87
81) 1,2,4-Trichlorobenzene	13.442	180	930	0.030	ppbv #	36

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

Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Sep 23 02:53:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

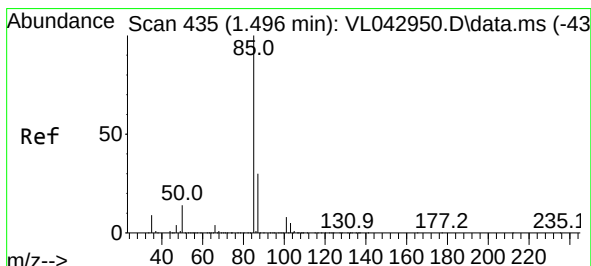
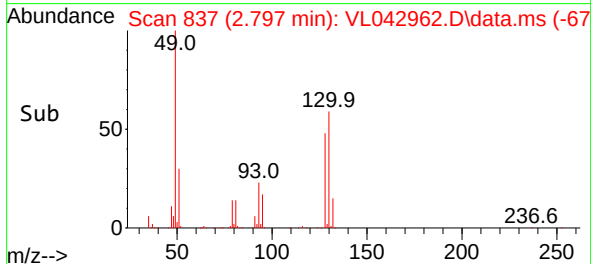
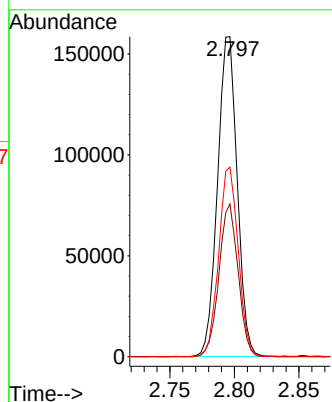
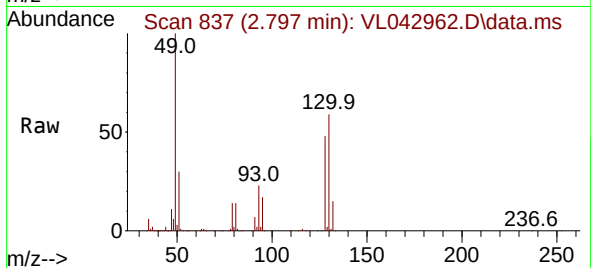




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

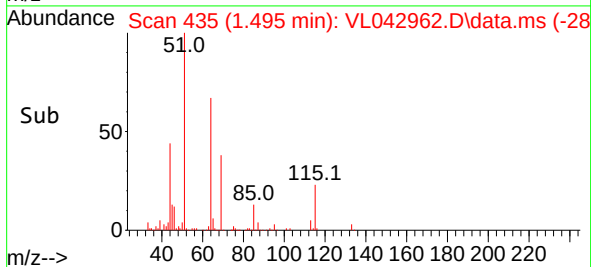
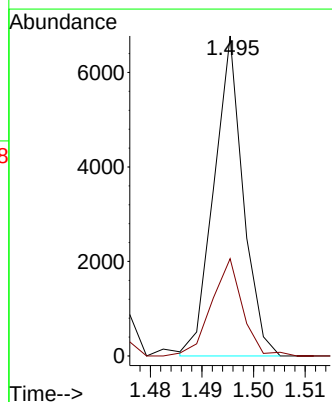
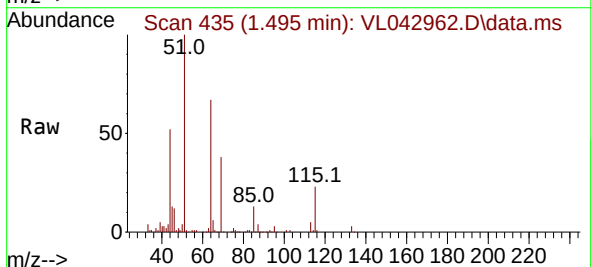
Instrument :
MSVOA_L
ClientSampleId :
SV1

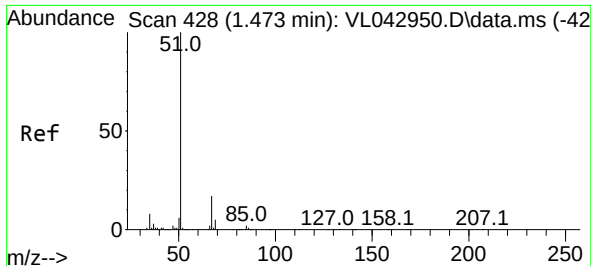
Tgt Ion: 49 Resp: 168176
Ion Ratio Lower Upper
49 100
128 46.4 22.9 68.8
130 58.8 29.1 87.3



#2
Dichlorodifluoromethane
Concen: 0.118 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 85 Resp: 2659
Ion Ratio Lower Upper
85 100
87 29.5 24.3 36.5

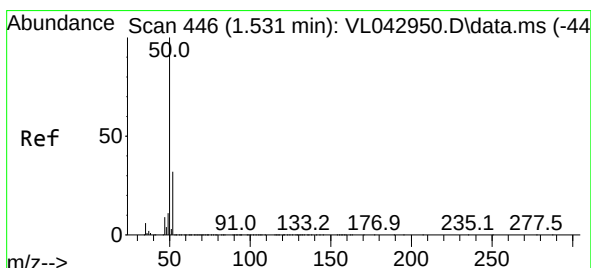
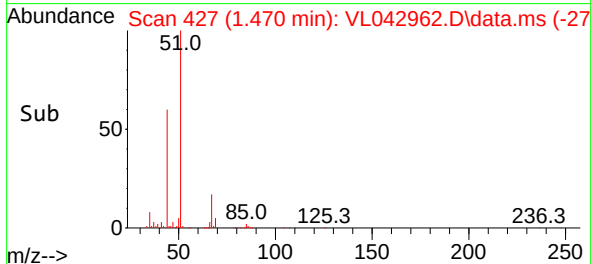
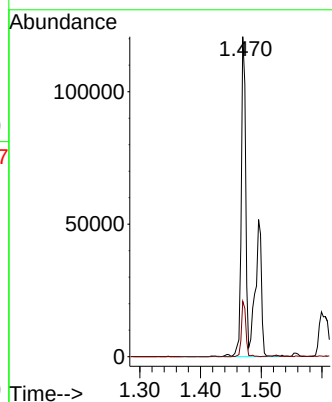
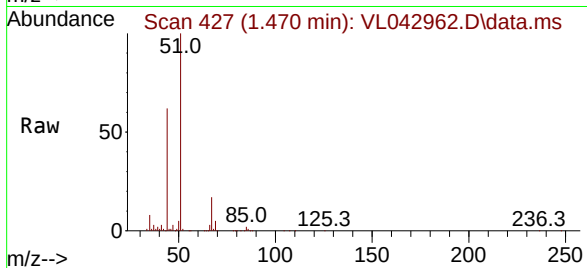




#3
Chlorodifluoromethane
Concen: 3.452 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

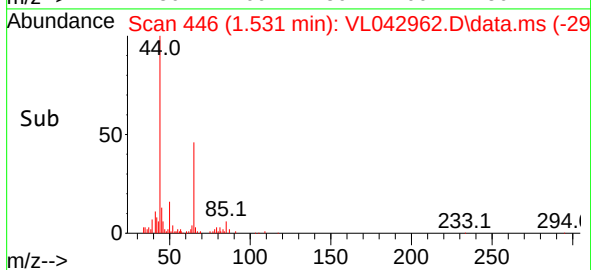
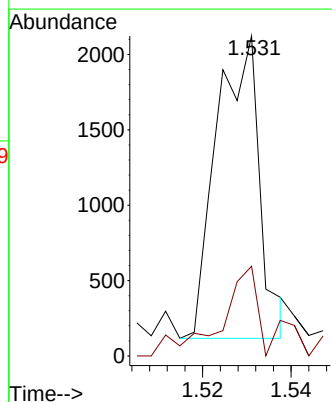
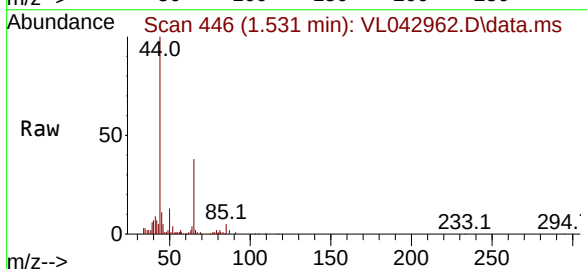
Instrument :
MSVOA_L
ClientSampleId :
SV1

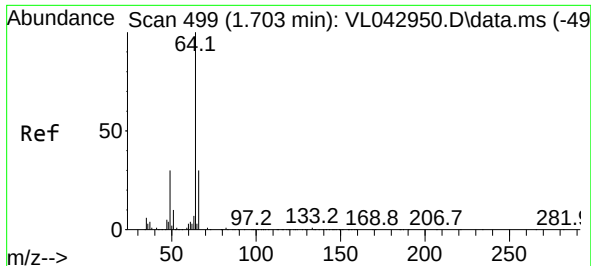
Tgt Ion: 51 Resp: 97326
Ion Ratio Lower Upper
51 100
67 10.8 13.8 20.8#



#4
Chloromethane
Concen: 0.132 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 50 Resp: 1349
Ion Ratio Lower Upper
50 100
52 24.1 25.9 38.9#

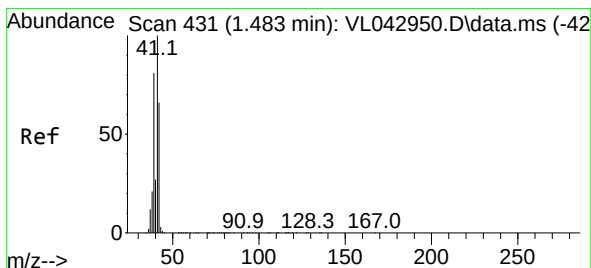
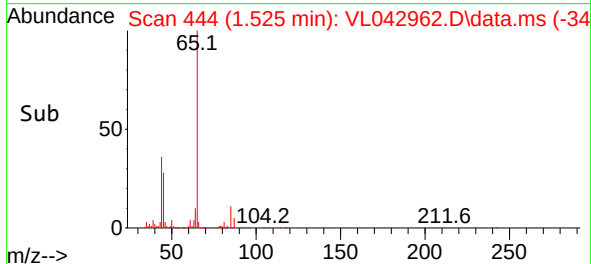
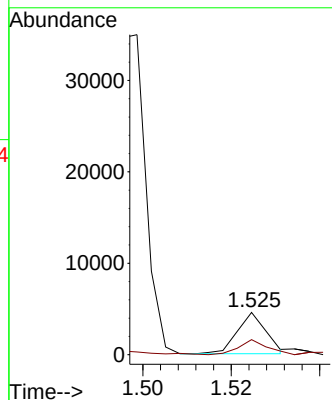
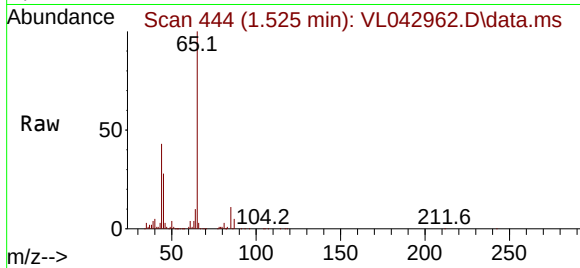




#7
Chloroethane
Concen: 0.563 ppbv
RT: 1.525 min Scan# 444
Delta R.T. -0.178 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

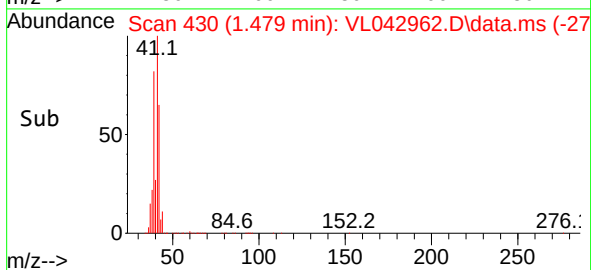
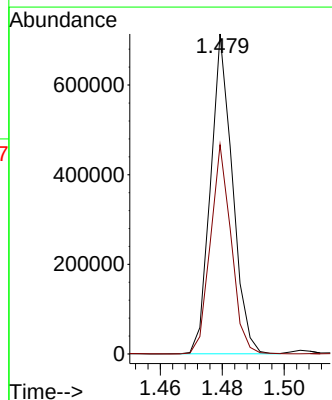
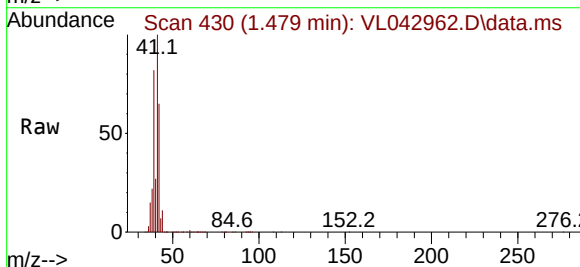
Instrument :
MSVOA_L
ClientSampleId :
SV1

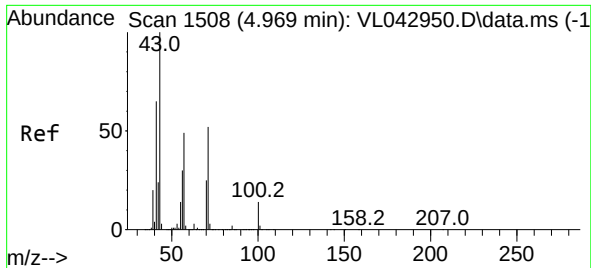
Tgt Ion: 64 Resp: 2025
Ion Ratio Lower Upper
64 100
66 40.5 24.6 36.8#



#9
Propene
Concen: 28.496 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.003 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 41 Resp: 349498
Ion Ratio Lower Upper
41 100
42 62.5 57.4 86.2





#10

Heptane

Concen: 0.518 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.019 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_L

ClientSampleId :

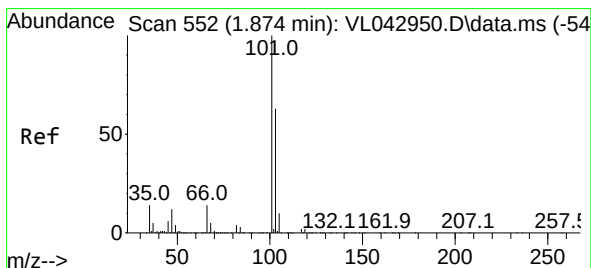
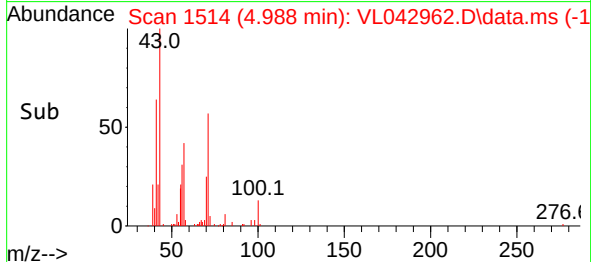
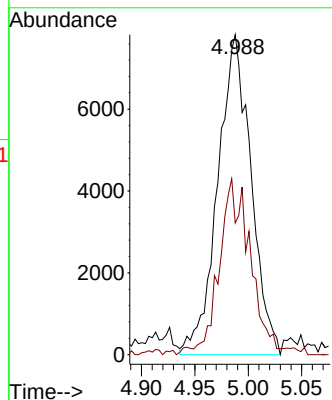
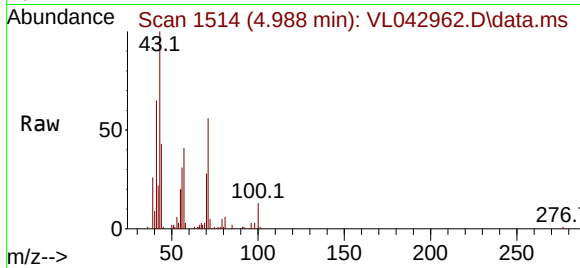
SV1

Tgt Ion: 43 Resp: 16949

Ion Ratio Lower Upper

43 100

57 51.9 38.6 57.8



#11

Trichlorofluoromethane

Concen: 40.976 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.009 min

Lab File: VL042962.D

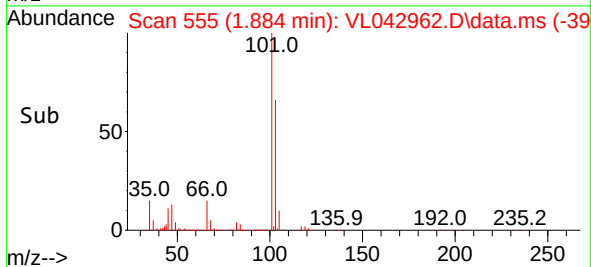
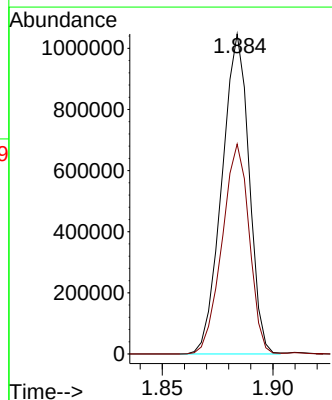
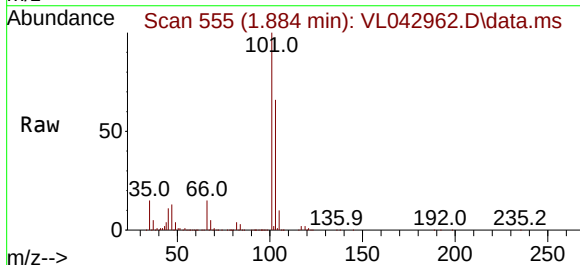
Acq: 22 Sep 2025 18:04

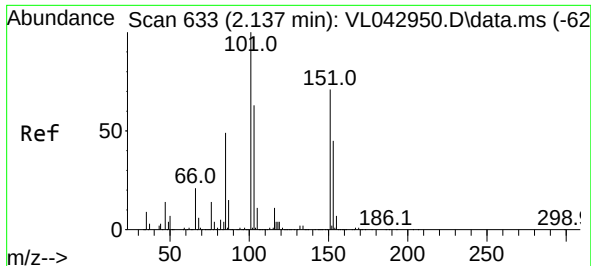
Tgt Ion: 101 Resp: 893679

Ion Ratio Lower Upper

101 100

103 65.6 50.1 75.1

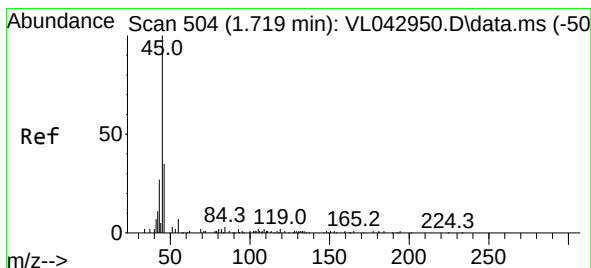
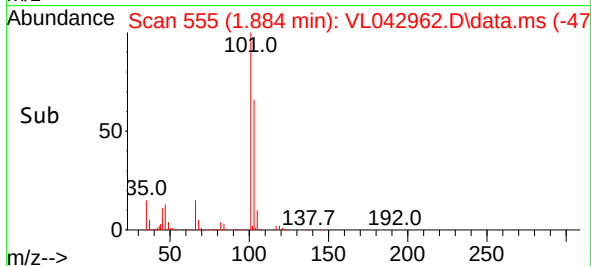
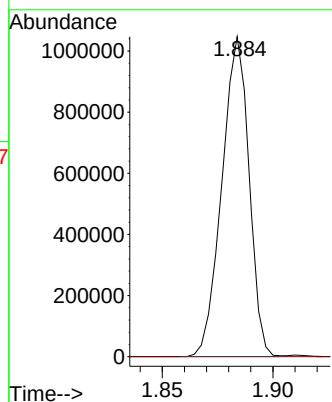
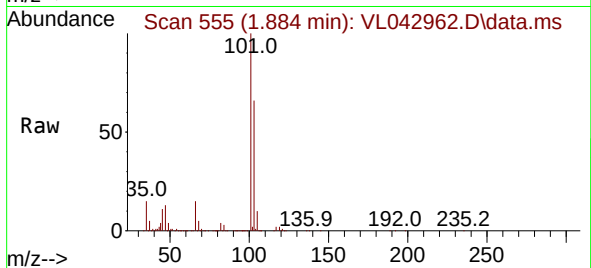




#12
1,1,2-Trichlorotrifluoroethane
Concen: 50.600 ppbv
RT: 1.884 min Scan# 506
Delta R.T. -0.253 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

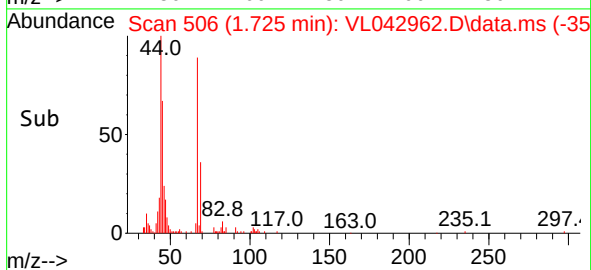
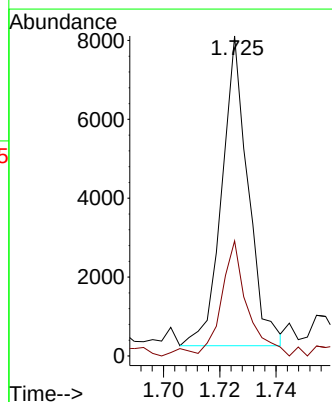
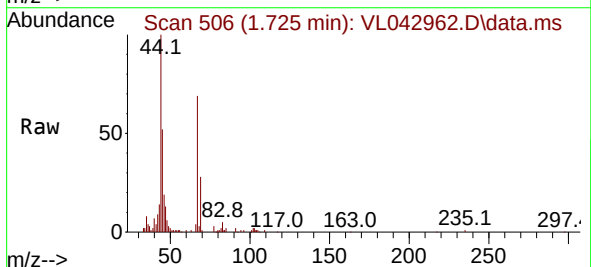
Instrument :
MSVOA_L
ClientSampleId :
SV1

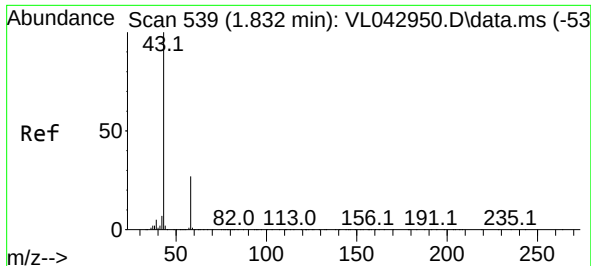
Tgt Ion:101 Resp: 893679
Ion Ratio Lower Upper
101 100
151 0.0 55.7 83.5#



#13
Ethanol
Concen: 4.279 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 45 Resp: 5091
Ion Ratio Lower Upper
45 100
46 0.0 16.2 64.6#





#15

Acetone

Concen: 12.744 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.006 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_L

ClientSampleId :

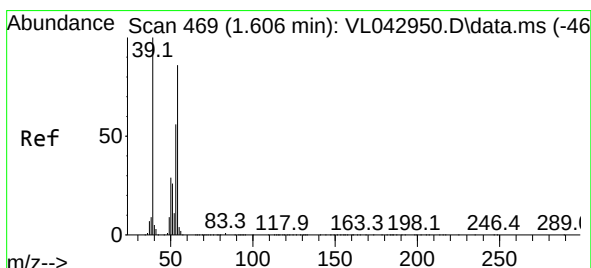
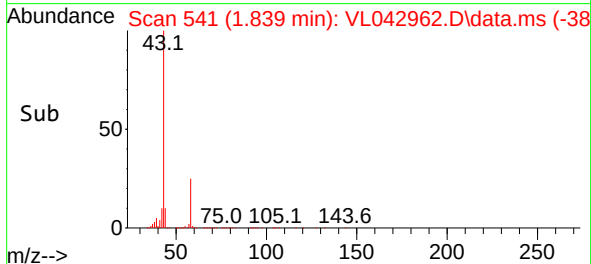
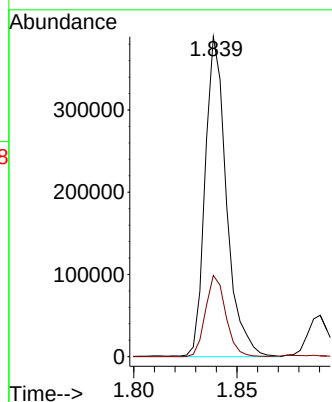
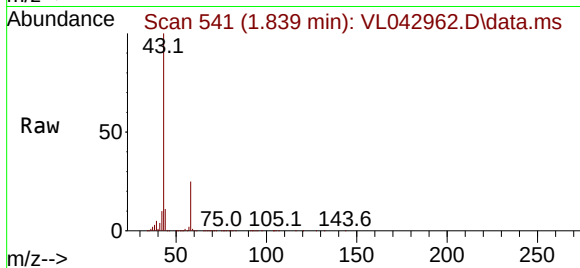
SV1

Tgt Ion: 43 Resp: 279146

Ion Ratio Lower Upper

43 100

58 24.2 22.3 33.5



#16

1,3-Butadiene

Concen: 1.600 ppbv

RT: 1.618 min Scan# 473

Delta R.T. 0.013 min

Lab File: VL042962.D

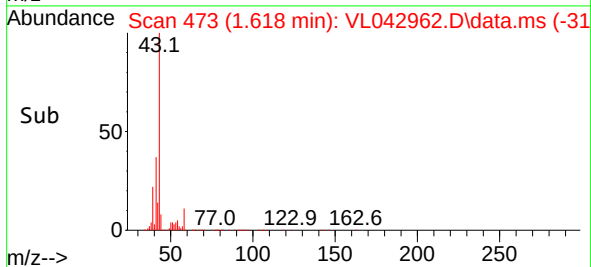
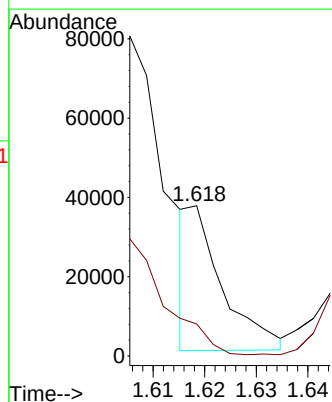
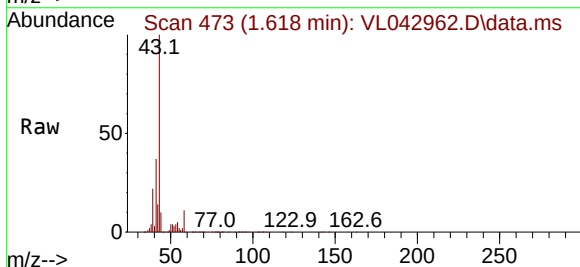
Acq: 22 Sep 2025 18:04

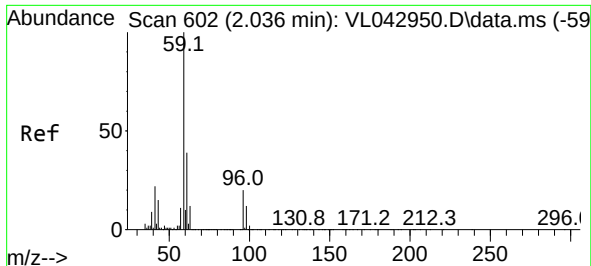
Tgt Ion: 39 Resp: 16534

Ion Ratio Lower Upper

39 100

54 0.0 60.8 91.2#





#17

tert-Butyl alcohol

Concen: 0.772 ppbv

RT: 2.046 min Scan# 602

Delta R.T. 0.009 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_L

ClientSampleId :

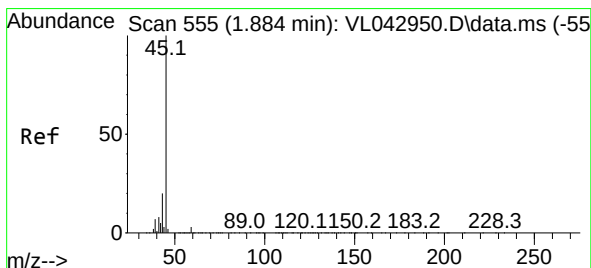
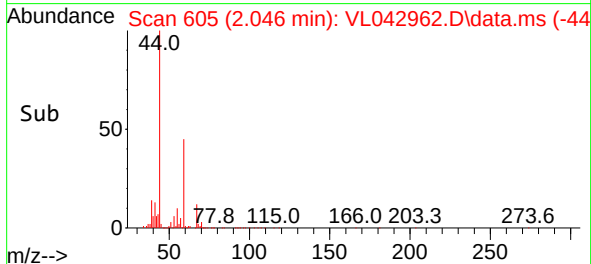
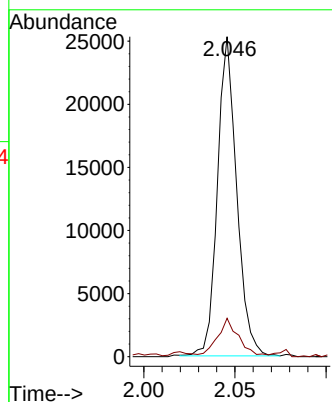
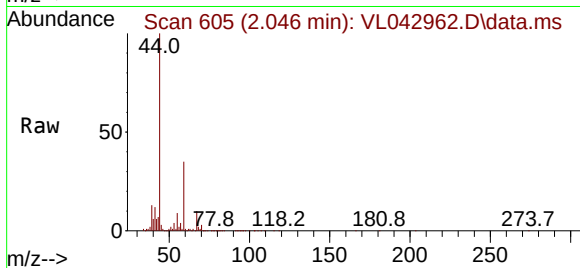
SV1

Tgt Ion: 59 Resp: 18537

Ion Ratio Lower Upper

59 100

57 16.4 8.6 12.8#



#19

Isopropyl Alcohol

Concen: 1.082 ppbv

RT: 1.910 min Scan# 563

Delta R.T. 0.026 min

Lab File: VL042962.D

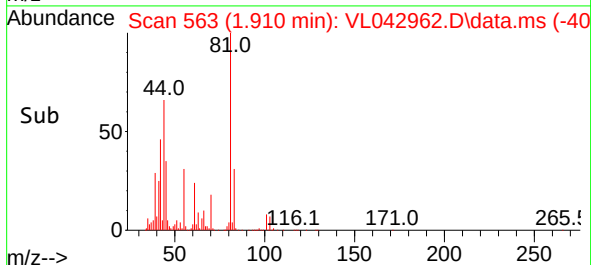
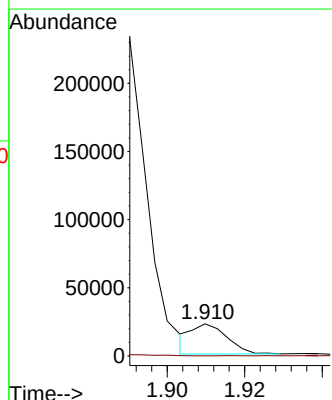
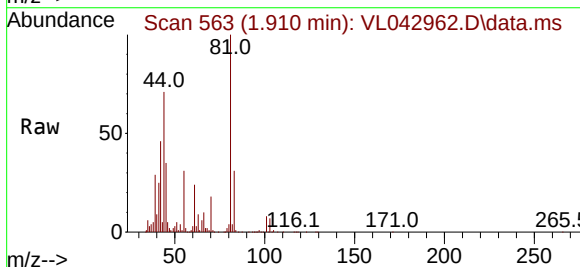
Acq: 22 Sep 2025 18:04

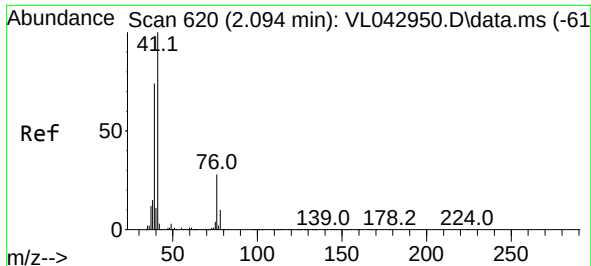
Tgt Ion: 45 Resp: 14251

Ion Ratio Lower Upper

45 100

58 0.0 31.0 46.6#





#21

Allyl Chloride

Concen: 0.296 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_L

ClientSampleId :

SV1

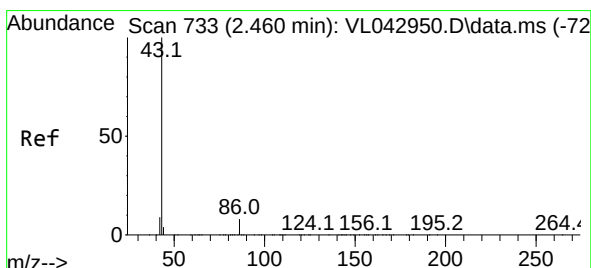
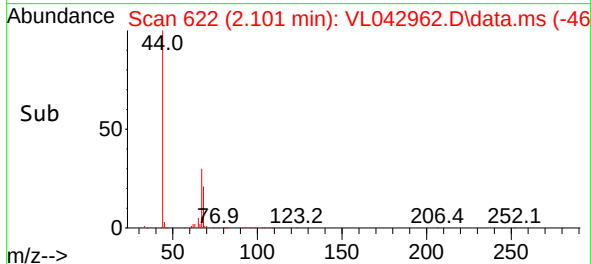
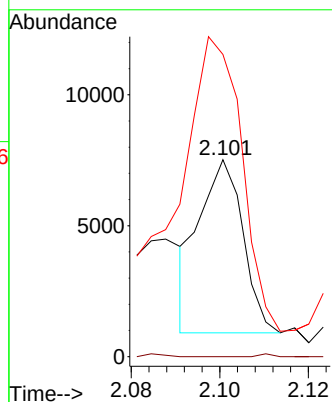
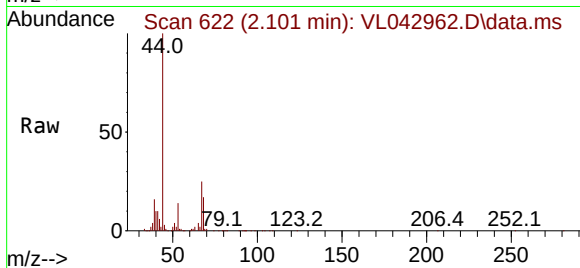
Tgt Ion: 41 Resp: 4513

Ion Ratio Lower Upper

41 100

76 0.0 22.3 33.5#

39 326.7 61.3 91.9#



#23

Vinyl Acetate

Concen: 0.646 ppbv

RT: 2.479 min Scan# 739

Delta R.T. 0.019 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Tgt Ion: 43 Resp: 20207

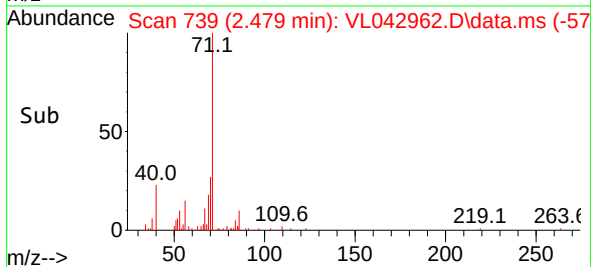
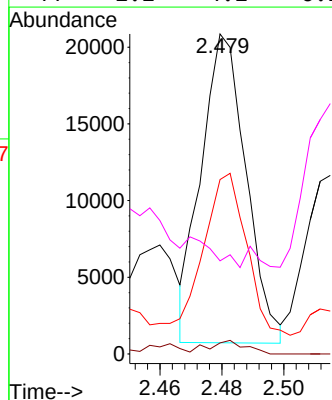
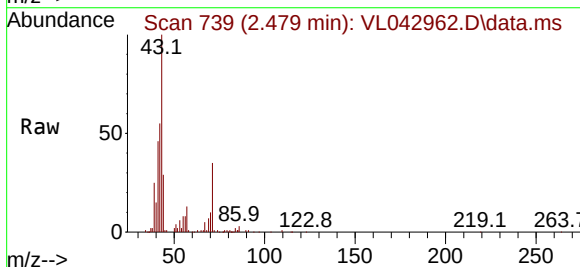
Ion Ratio Lower Upper

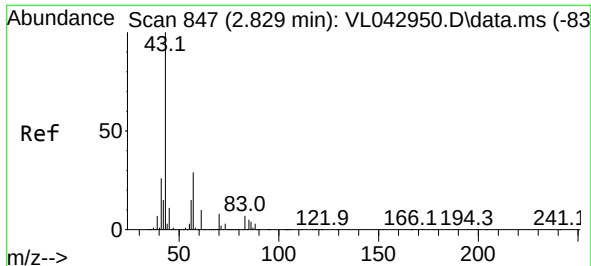
43 100

86 3.8 6.2 9.2#

42 51.7 7.4 11.0#

44 2.2 4.2 6.2#

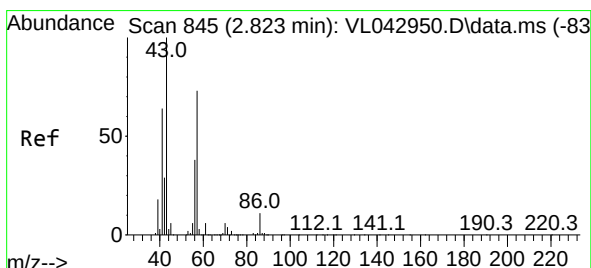
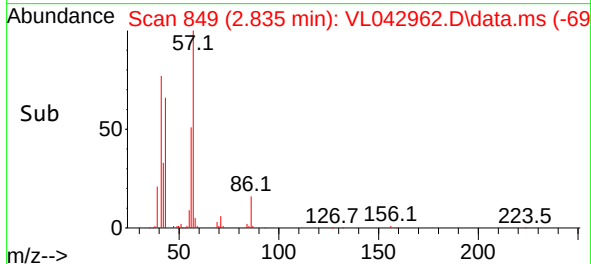
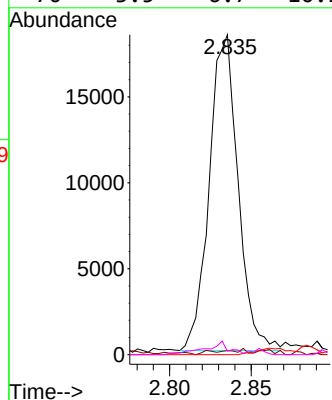
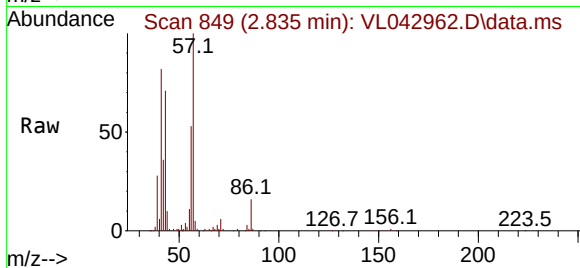




#25
Ethyl Acetate
Concen: 0.408 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

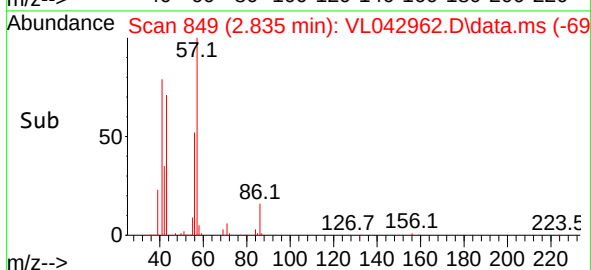
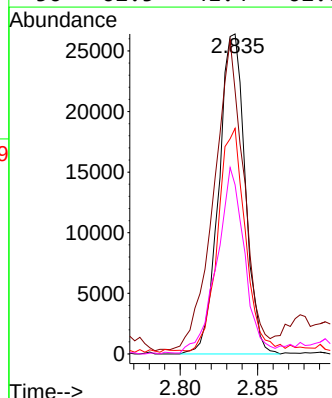
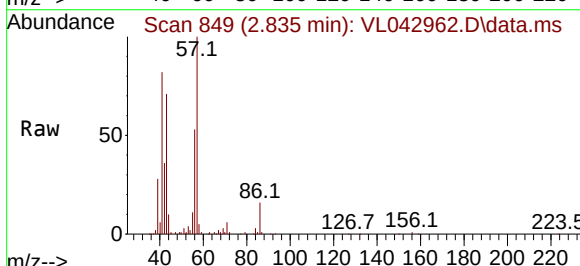
Instrument :
MSVOA_1
ClientSampleId :
SV1

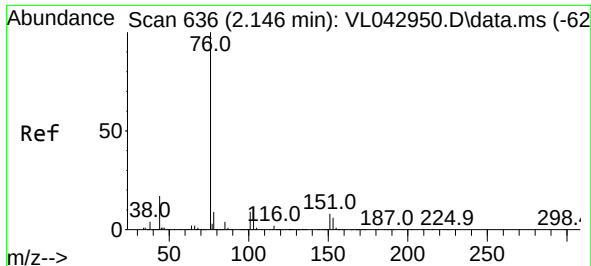
Tgt Ion: 43	Resp: 22611
Ion Ratio	Lower Upper
43 100	
45 1.4	7.7 11.5#
61 0.0	7.1 10.7#
70 3.5	6.7 10.1#



#26
Hexane
Concen: 1.236 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 57	Resp: 31200
Ion Ratio	Lower Upper
57 100	
41 108.8	71.7 107.5#
43 80.4	180.8 271.2#
56 62.5	41.4 62.0#





#27

Carbon Disulfide

Concen: 0.282 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_L

ClientSampleId :

SV1

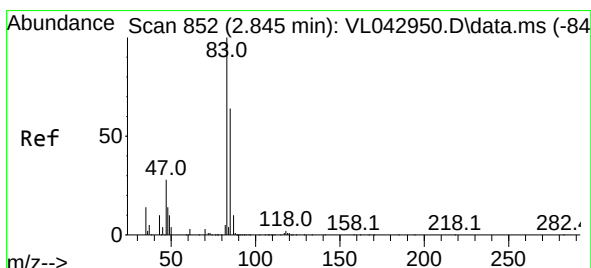
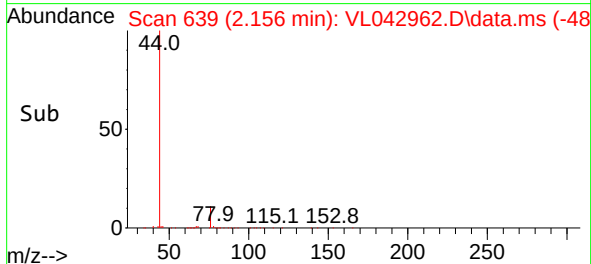
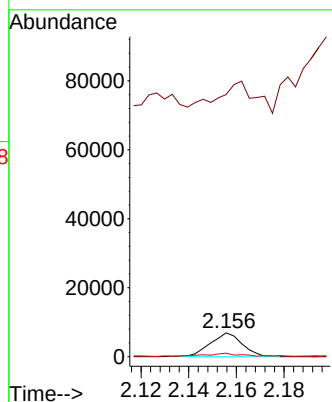
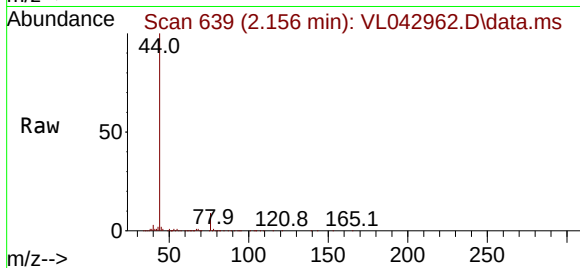
Tgt Ion: 76 Resp: 6377

Ion Ratio Lower Upper

76 100

44 0.0 15.6 23.4#

78 25.3 8.9 13.3#



#29

Chloroform

Concen: 0.094 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.009 min

Lab File: VL042962.D

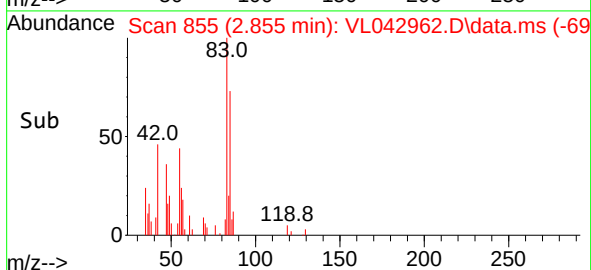
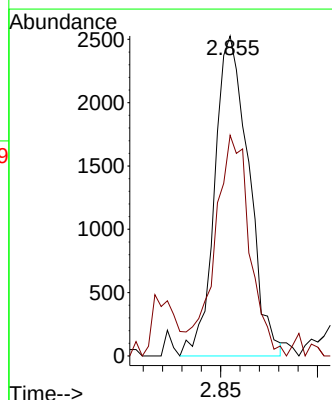
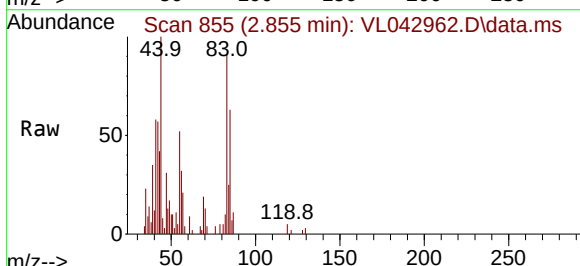
Acq: 22 Sep 2025 18:04

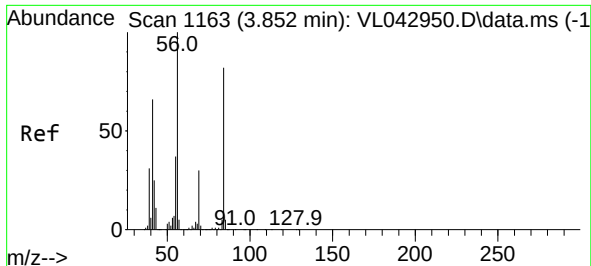
Tgt Ion: 83 Resp: 3088

Ion Ratio Lower Upper

83 100

85 65.8 51.2 76.8

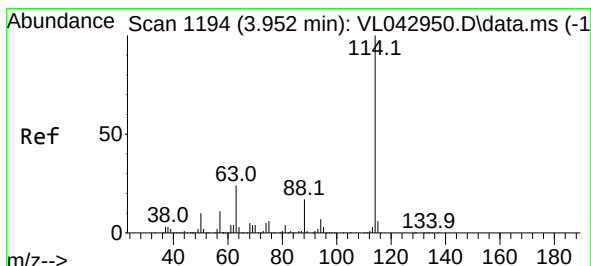
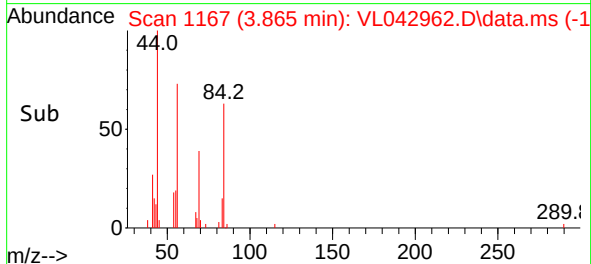
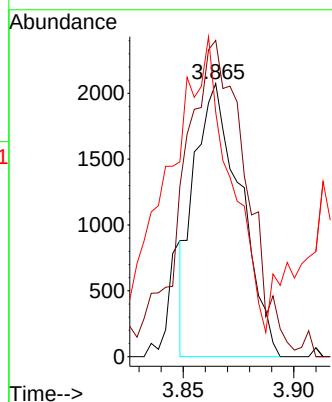
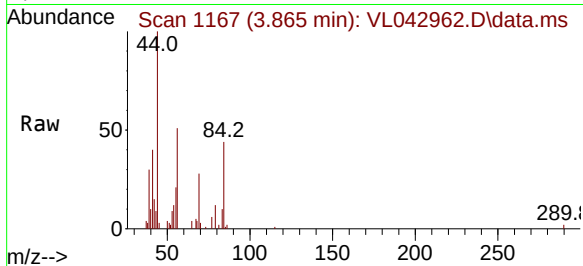




#30
Cyclohexane
Concen: 0.143 ppbv
RT: 3.865 min Scan# 1163
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

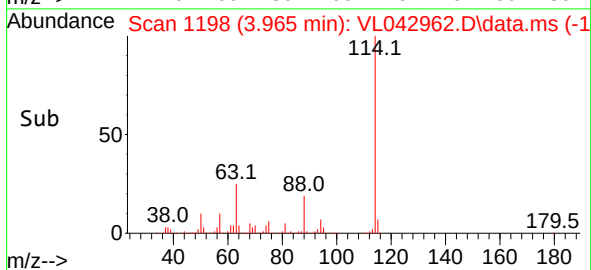
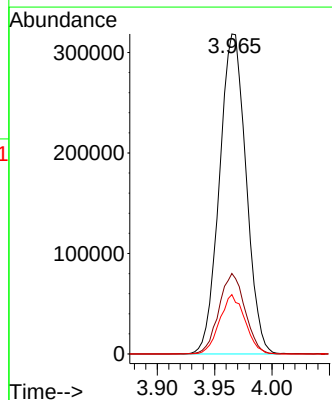
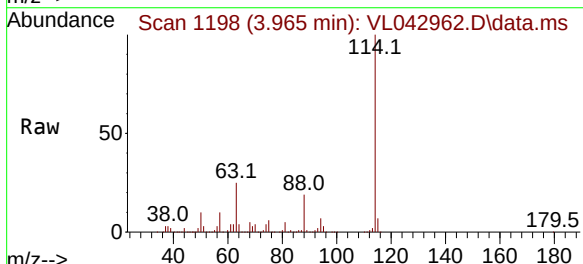
Instrument :
MSVOA_L
ClientSampleId :
SV1

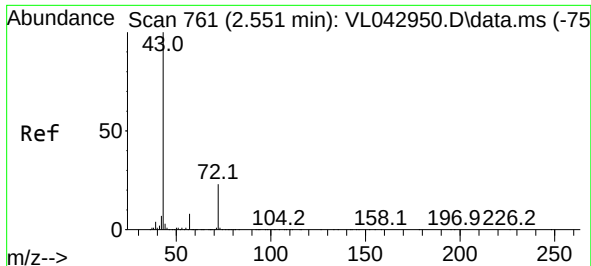
Tgt Ion: 84 Resp: 3013
Ion Ratio Lower Upper
84 100
56 157.8 102.2 153.4#
41 135.2 65.6 98.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 114 Resp: 513006
Ion Ratio Lower Upper
114 100
63 24.7 19.4 29.2
88 17.7 14.2 21.2

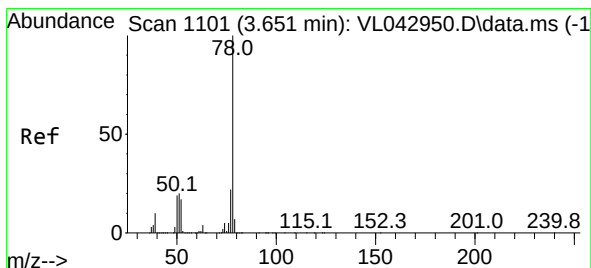
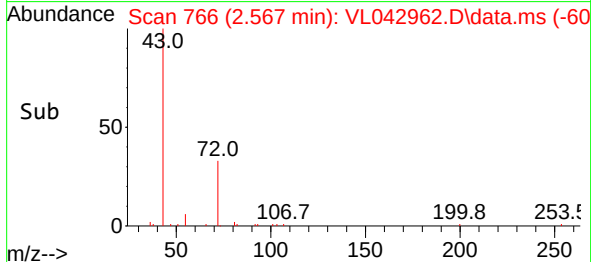
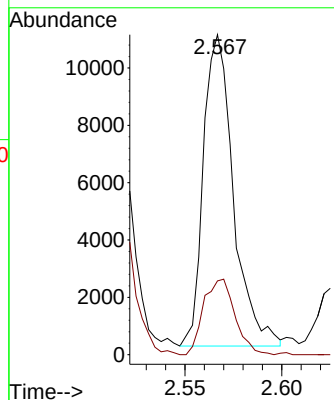
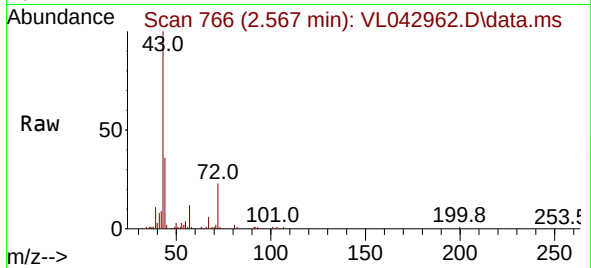




#34
2-Butanone
Concen: 0.326 ppbv
RT: 2.567 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

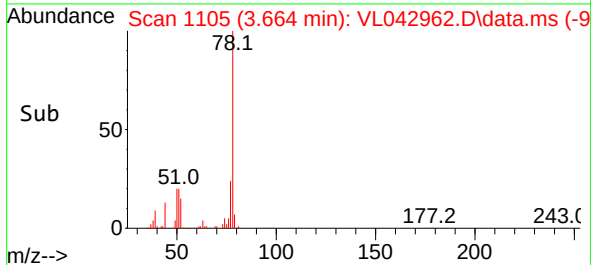
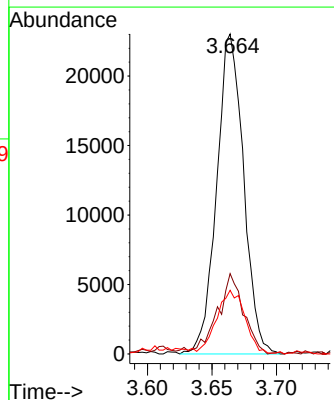
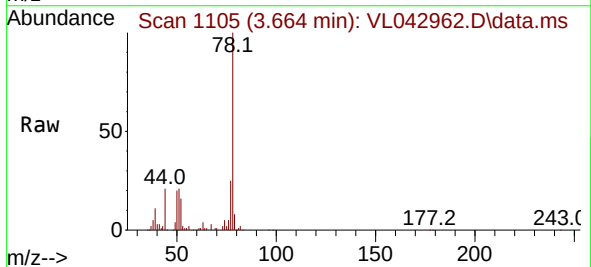
Instrument :
MSVOA_L
ClientSampleId :
SV1

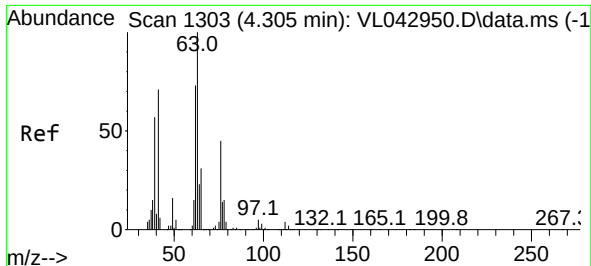
Tgt Ion: 43 Resp: 11709
Ion Ratio Lower Upper
43 100
72 25.6 17.7 26.5



#36
Benzene
Concen: 0.691 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 78 Resp: 33310
Ion Ratio Lower Upper
78 100
77 24.5 17.8 26.6
50 19.2 15.0 22.4





#39

1,2-Dichloropropane

Concen: 7.149 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.340 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_L

ClientSampleId :

SV1

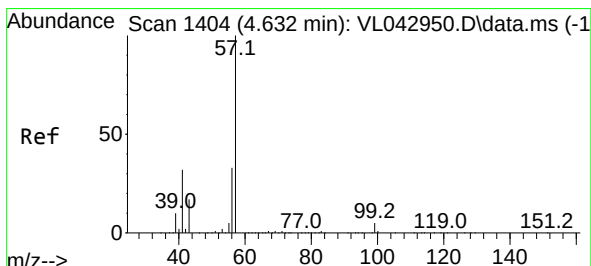
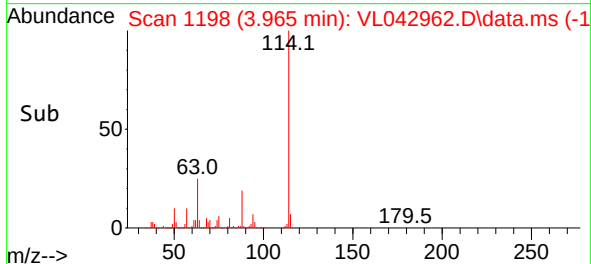
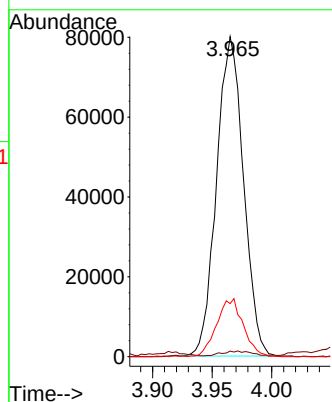
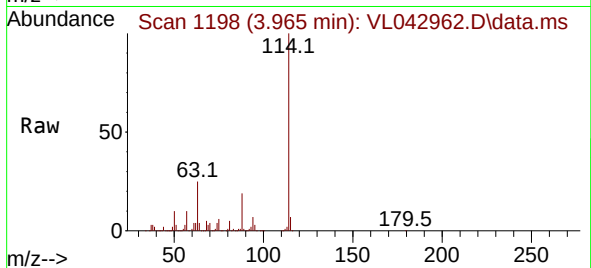
Tgt Ion: 63 Resp: 125720

Ion Ratio Lower Upper

63 100

41 1.4 57.5 86.3#

62 16.7 58.5 87.7#



#44

2,2,4-Trimethylpentane

Concen: 0.051 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.016 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

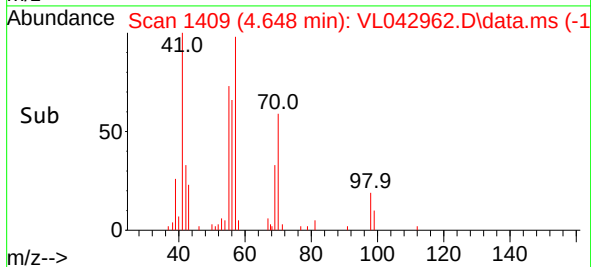
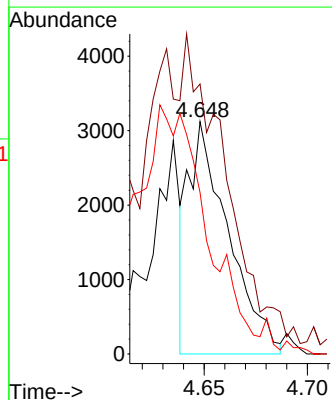
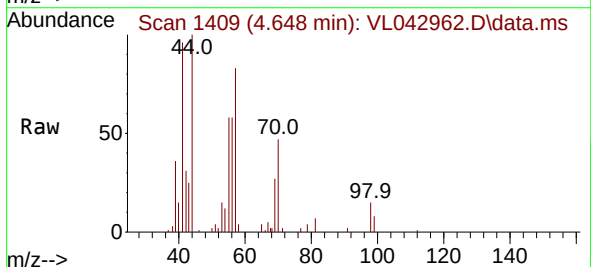
Tgt Ion: 57 Resp: 4213

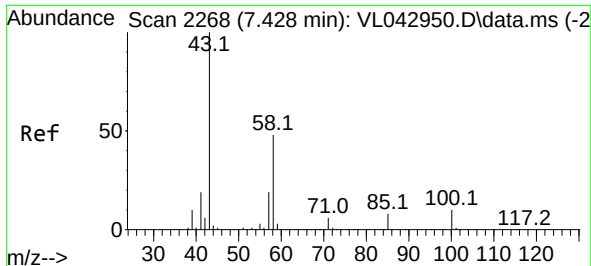
Ion Ratio Lower Upper

57 100

41 0.0 25.5 38.3#

56 0.0 25.8 38.8#

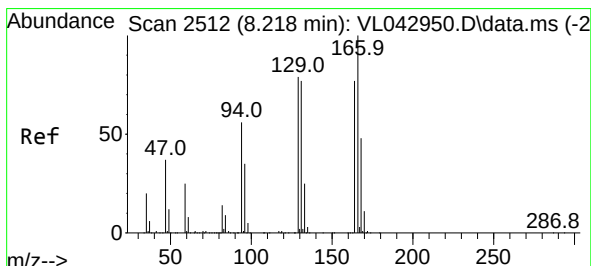
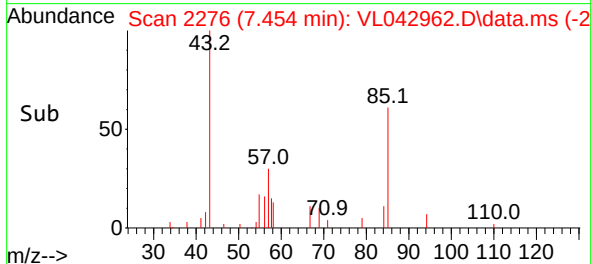
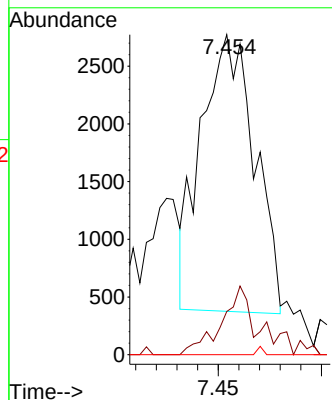
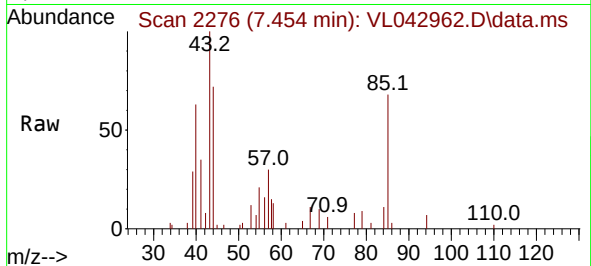




#51
2-Hexanone
Concen: 0.113 ppbv
RT: 7.454 min Scan# 2116
Delta R.T. 0.026 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

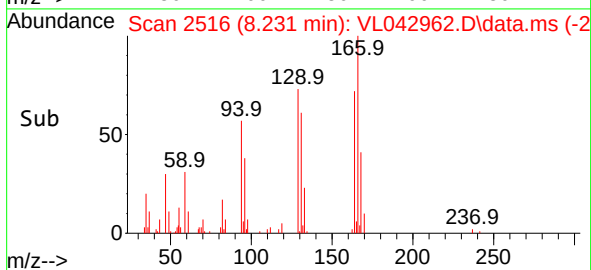
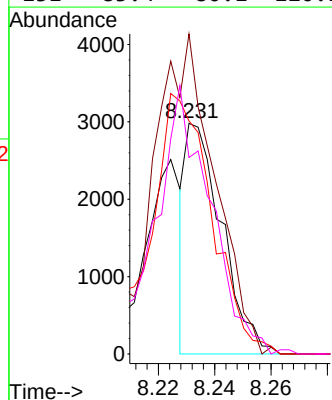
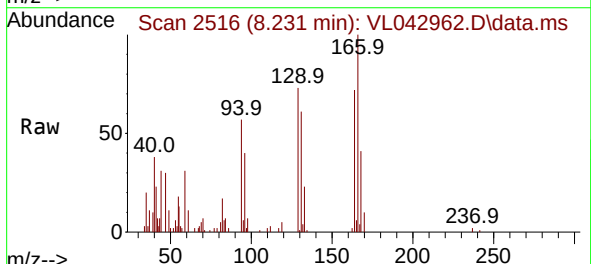
Instrument :
MSVOA_L
ClientSampleId :
SV1

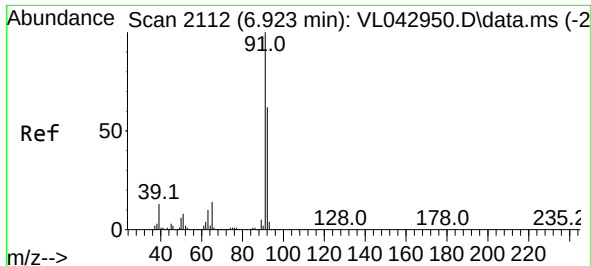
Tgt Ion: 43 Resp: 4332
Ion Ratio Lower Upper
43 100
58 18.5 39.7 59.5#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.142 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.013 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion:164 Resp: 2644
Ion Ratio Lower Upper
164 100
166 138.7 103.5 155.3
129 101.0 82.2 123.4
131 83.4 80.1 120.1

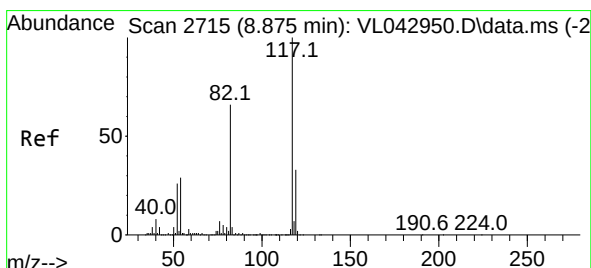
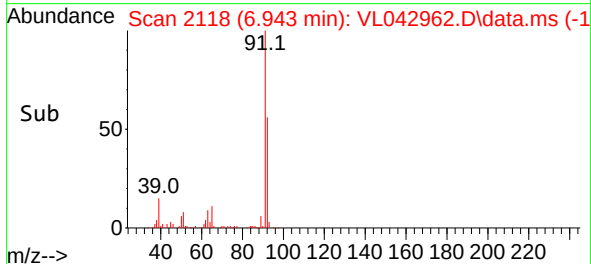
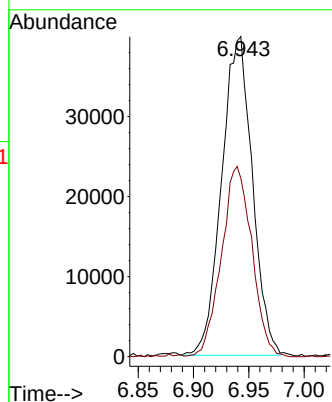
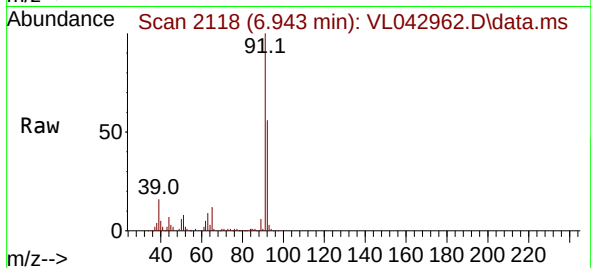




#53
Toluene
Concen: 1.347 ppbv
RT: 6.943 min Scan# 2112
Delta R.T. 0.019 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

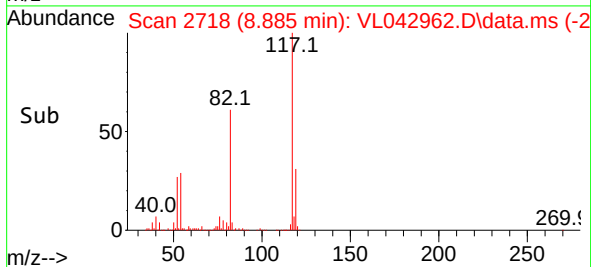
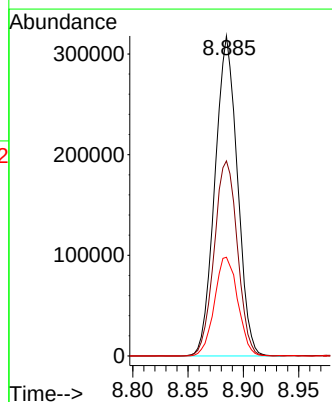
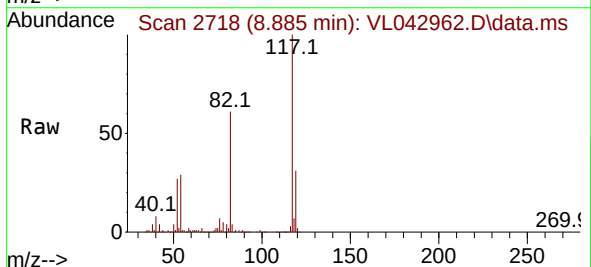
Instrument :
MSVOA_L
ClientSampleId :
SV1

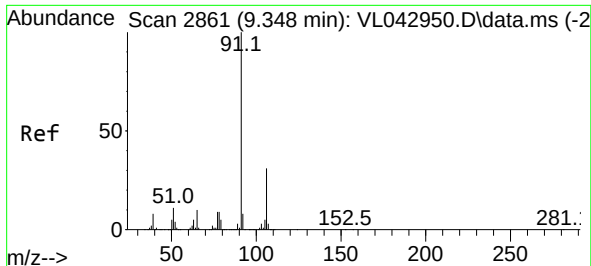
Tgt Ion: 91 Resp: 76794
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.009 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 117 Resp: 448889
Ion Ratio Lower Upper
117 100
82 63.1 52.8 79.2
119 32.1 26.5 39.7





#58

Ethyl Benzene

Concen: 0.141 ppbv

RT: 9.357 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_L

ClientSampleId :

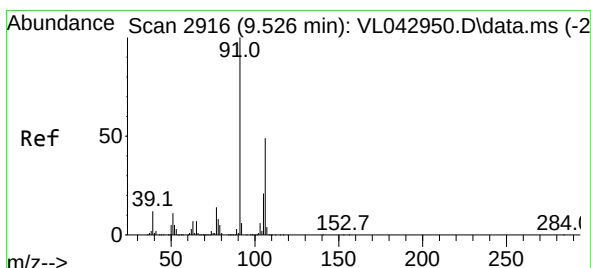
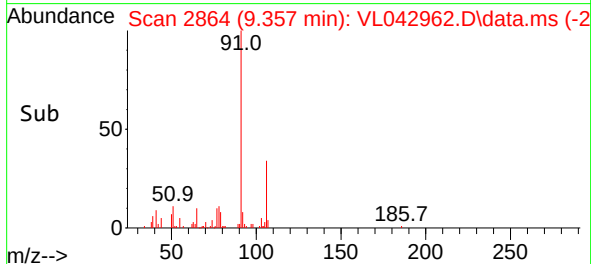
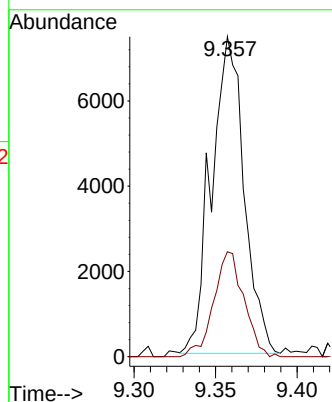
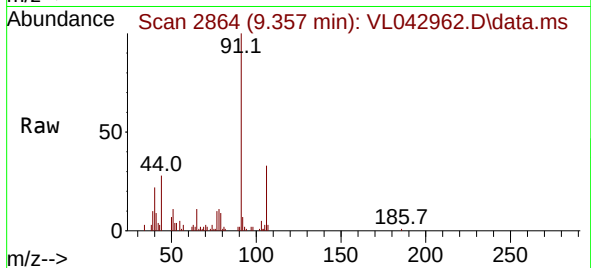
SV1

Tgt Ion: 91 Resp: 10371

Ion Ratio Lower Upper

91 100

106 33.2 24.6 37.0



#59

m/p-Xylene

Concen: 0.452 ppbv

RT: 9.538 min Scan# 2920

Delta R.T. 0.013 min

Lab File: VL042962.D

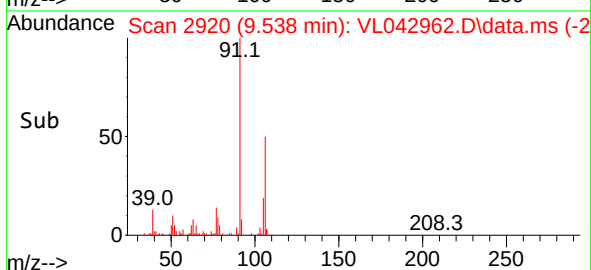
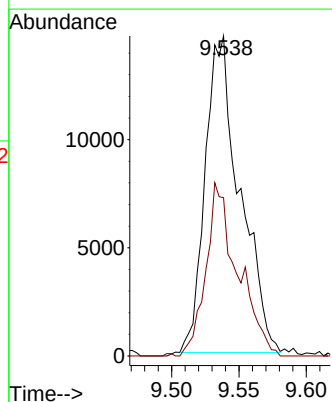
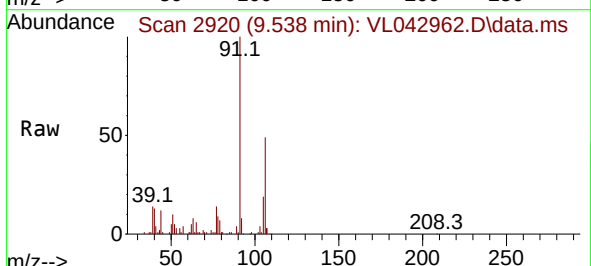
Acq: 22 Sep 2025 18:04

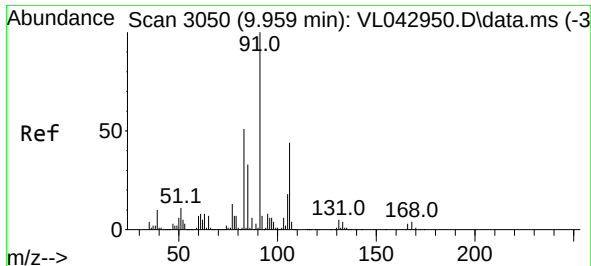
Tgt Ion: 91 Resp: 26248

Ion Ratio Lower Upper

91 100

106 50.0 0.0 0.0#

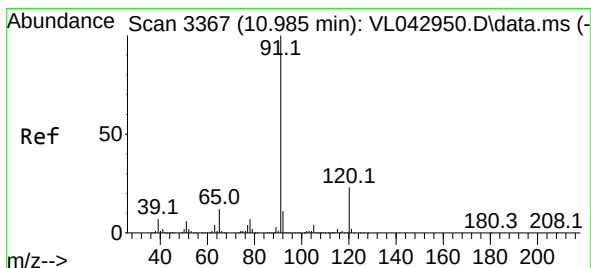
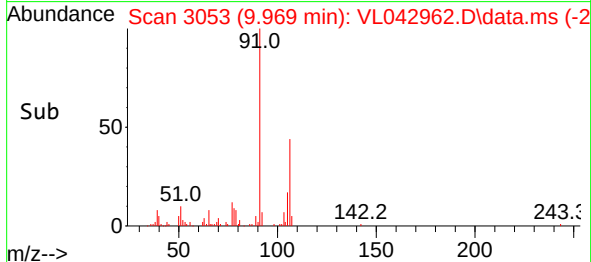
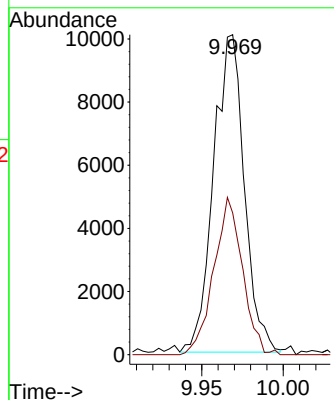
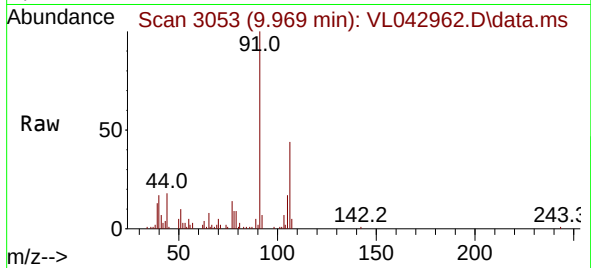




#60
o-Xylene
Concen: 0.227 ppbv
RT: 9.969 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

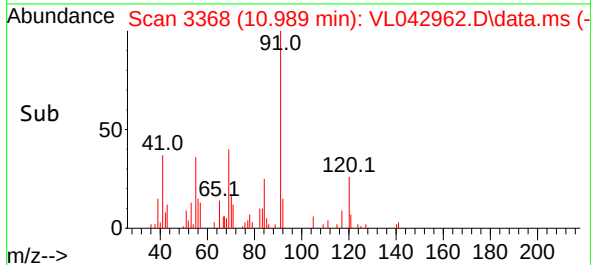
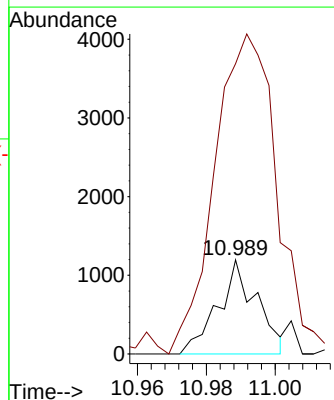
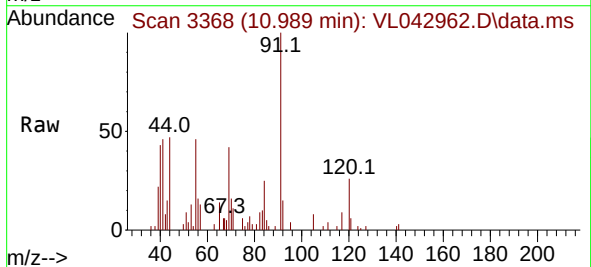
Instrument :
MSVOA_L
ClientSampleId :
SV1

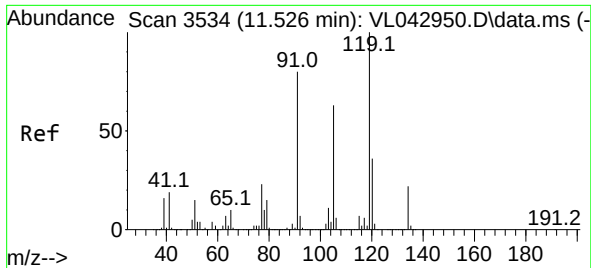
Tgt Ion: 91 Resp: 13169
Ion Ratio Lower Upper
91 100
106 46.2 22.4 67.0



#64
n-propylbenzene
Concen: 0.042 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.003 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 120 Resp: 939
Ion Ratio Lower Upper
120 100
91 577.1 364.9 547.3#

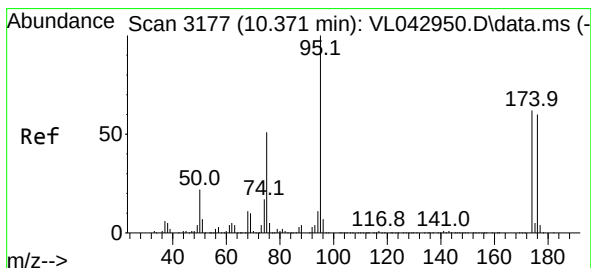
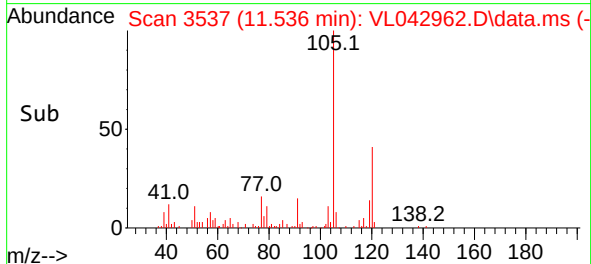
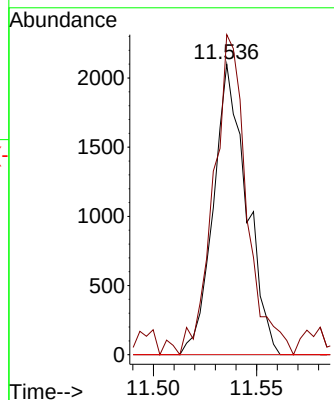
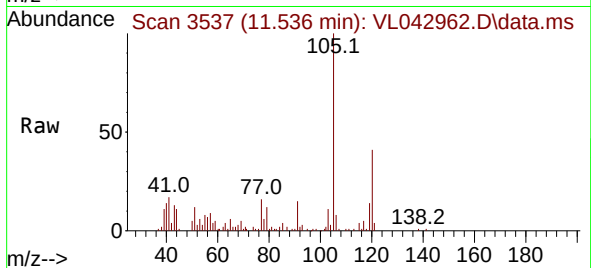




#65
tert-Butylbenzene
Concen: 0.030 ppbv
RT: 11.536 min Scan# 3179
Delta R.T. 0.010 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

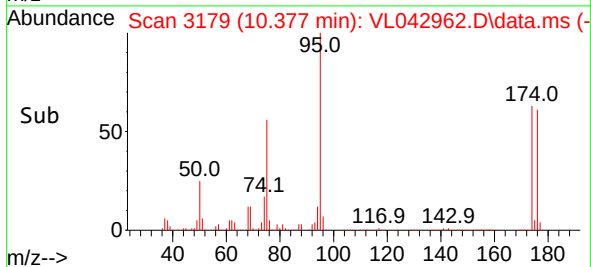
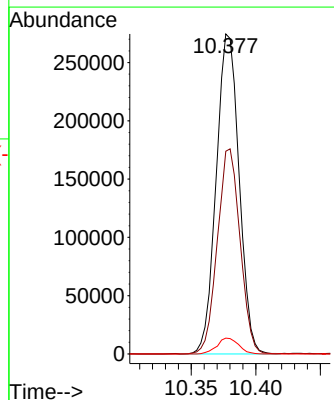
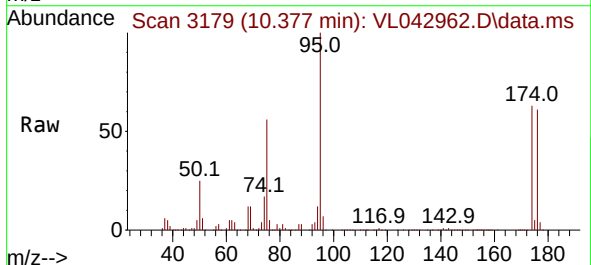
Instrument :
MSVOA_L
ClientSampleId :
SV1

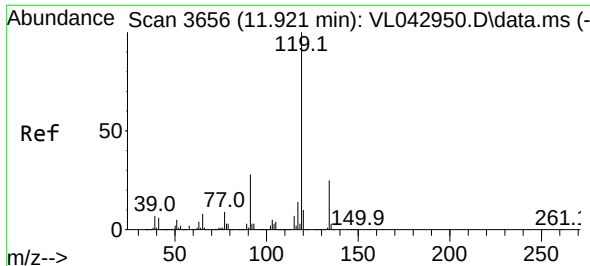
Tgt Ion:119 Resp: 2341
Ion Ratio Lower Upper
119 100
91 116.4 63.1 94.7#
134 0.0 17.0 25.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.069 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.006 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion: 95 Resp: 337380
Ion Ratio Lower Upper
95 100
174 63.6 51.4 77.2
175 4.7 4.0 6.0

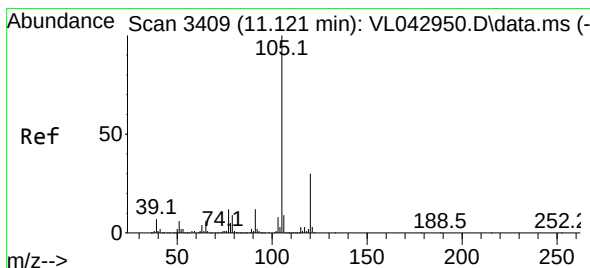
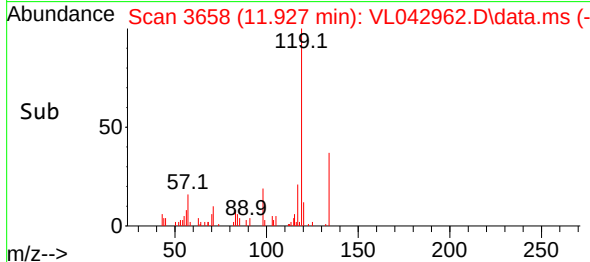
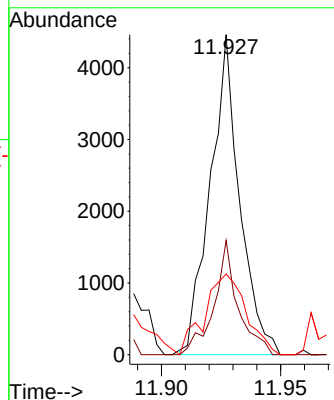
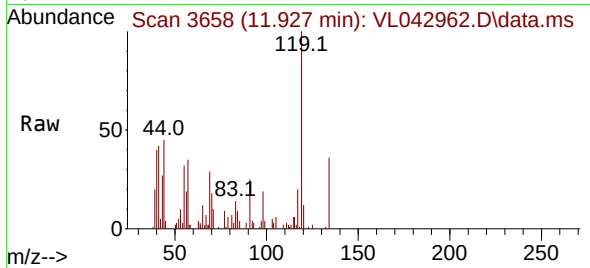




#69
 p-Isopropyltoluene
 Concen: 0.042 ppbv
 RT: 11.927 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL042962.D
 Acq: 22 Sep 2025 18:04

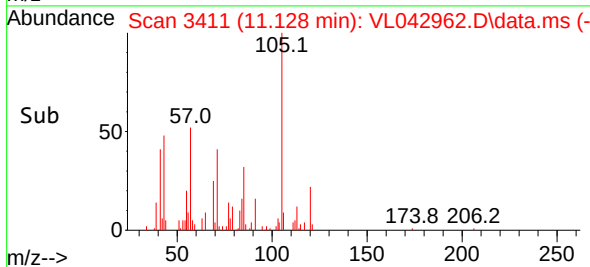
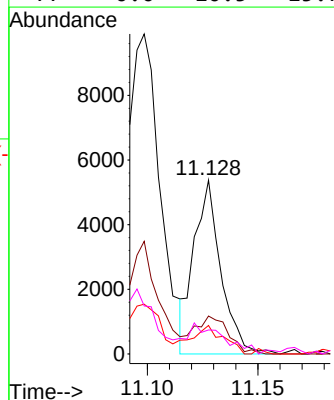
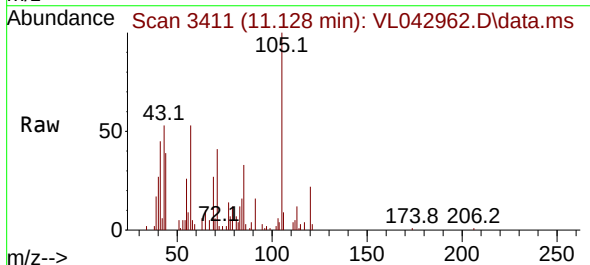
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

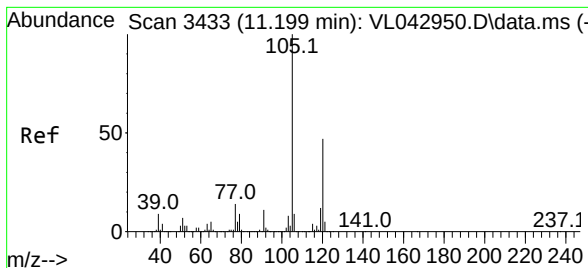
Tgt Ion:	119	Resp:	3826
Ion	Ratio	Lower	Upper
119	100		
134	29.1	21.0	31.4
91	35.6	22.3	33.5#



#72
 4-Ethyltoluene
 Concen: 0.063 ppbv
 RT: 11.128 min Scan# 3411
 Delta R.T. 0.006 min
 Lab File: VL042962.D
 Acq: 22 Sep 2025 18:04

Tgt Ion:	105	Resp:	4559
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.2	36.2#
91	17.3	10.0	15.0#
77	0.0	10.5	15.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.082 ppbv

RT: 11.205 min Scan# 3433

Delta R.T. 0.006 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Instrument :

MSVOA_1

ClientSampleId :

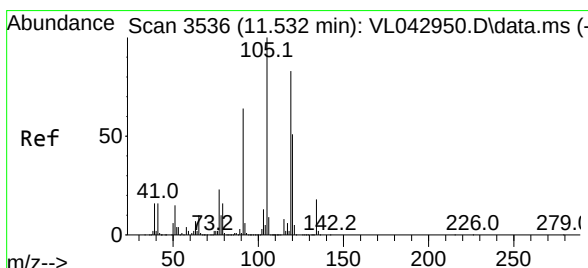
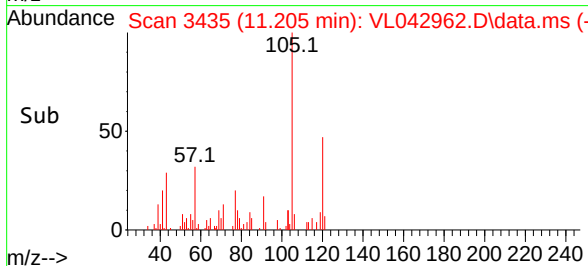
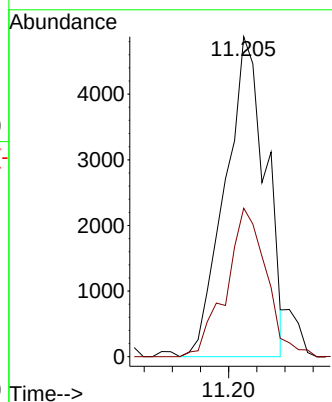
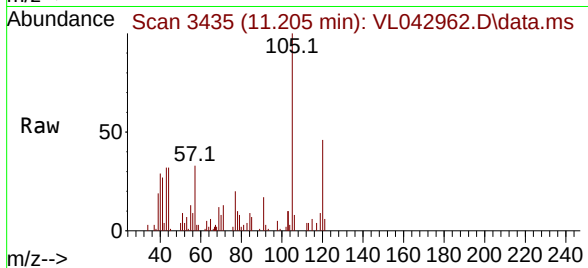
SV1

Tgt Ion:105 Resp: 4854

Ion Ratio Lower Upper

105 100

120 46.4 38.0 57.0



#74

1,2,4-Trimethylbenzene

Concen: 0.277 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.006 min

Lab File: VL042962.D

Acq: 22 Sep 2025 18:04

Tgt Ion:105 Resp: 18035

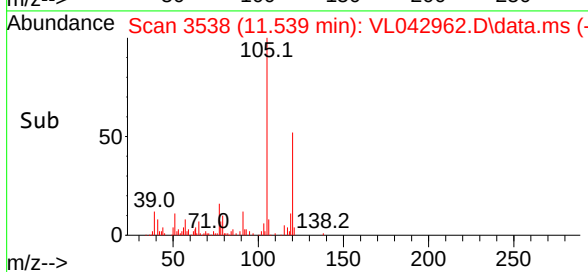
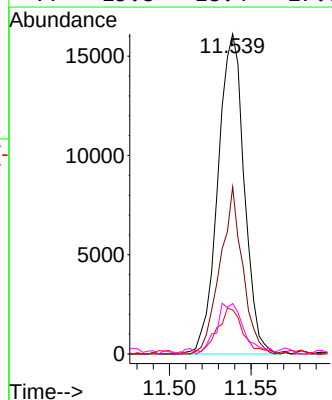
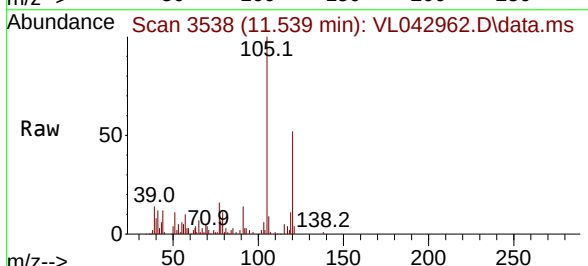
Ion Ratio Lower Upper

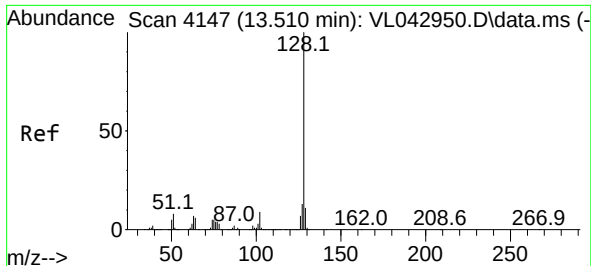
105 100

120 52.2 40.9 61.3

91 13.7 51.2 76.8#

77 15.8 18.4 27.6#

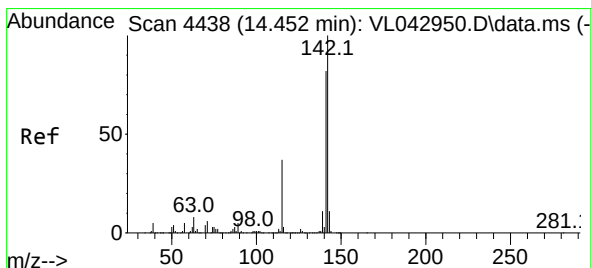
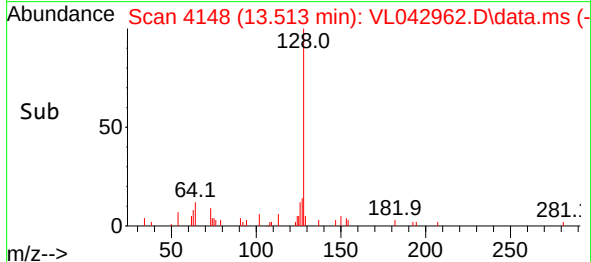
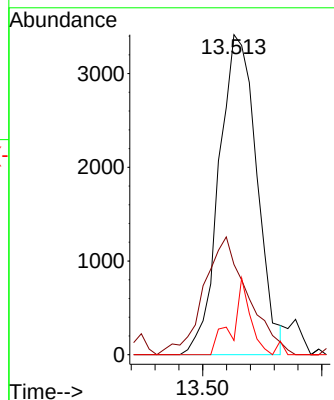
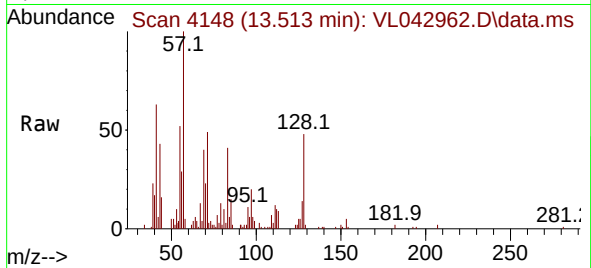




#79
Naphthalene
Concen: 0.065 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

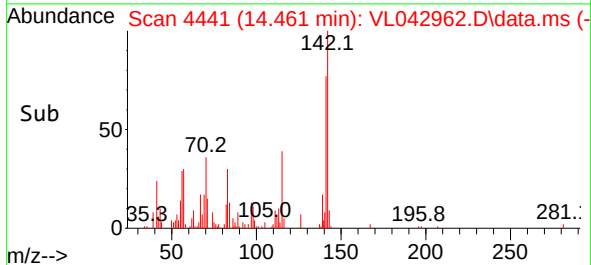
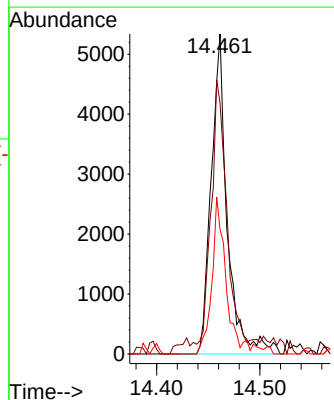
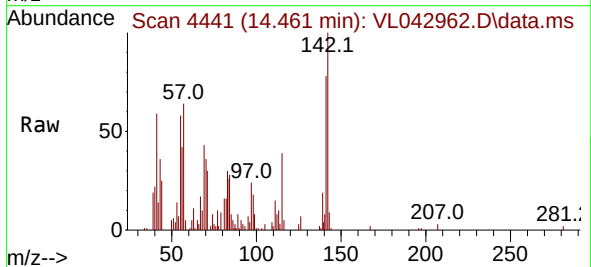
Instrument :
MSVOA_L
ClientSampleId :
SV1

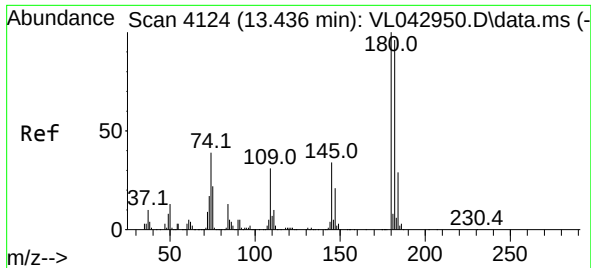
Tgt Ion:128 Resp: 3758
Ion Ratio Lower Upper
128 100
127 25.2 10.6 15.8#
129 4.5 9.0 13.6#



#80
Naphthalene,2-methyl-
Concen: 0.323 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. 0.009 min
Lab File: VL042962.D
Acq: 22 Sep 2025 18:04

Tgt Ion:142 Resp: 5755
Ion Ratio Lower Upper
142 100
141 93.2 65.1 97.7
115 42.6 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.030 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042962.D
 Acq: 22 Sep 2025 18:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	175.8	75.7	113.5#
184	29.7	23.9	35.9

