

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042966.D
 Acq On : 22 Sep 2025 20:24
 Operator : SY/MD
 Sample : Q3112-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Quant Time: Sep 23 02:55:23 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

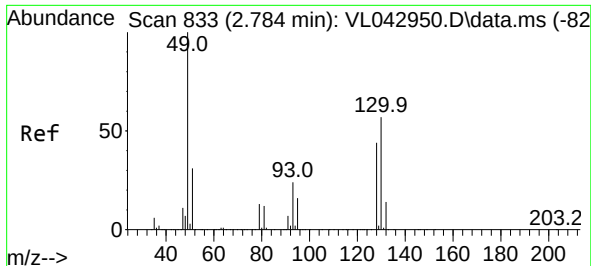
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.797	49	158622	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.968	114	483571	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.888	117	428101	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	320479	10.029	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	2575	0.121	ppbv	90
3) Chlorodifluoromethane	1.473	51	33690	1.267	ppbv	99
4) Chloromethane	1.531	50	1334	0.138	ppbv	95
6) Bromomethane	1.670	94	258	0.084	ppbv #	45
7) Chloroethane	1.709	64	132	0.039	ppbv #	21
9) Propene	1.482	41	452382	39.107	ppbv	88
10) Heptane	4.991	43	20693	0.670	ppbv #	29
11) Trichlorofluoromethane	1.884	101	3259	0.158	ppbv	84
13) Ethanol	1.725	45	7215	6.429	ppbv #	35
15) Acetone	1.839	43	532821	25.790	ppbv	95
16) 1,3-Butadiene	1.602	39	146653	15.049	ppbv #	38
17) tert-Butyl alcohol	2.049	59	5527	0.244	ppbv #	58
19) Isopropyl Alcohol	1.890	45	40694	3.277	ppbv #	1
21) Allyl Chloride	2.101	41	6222	0.432	ppbv #	1
23) Vinyl Acetate	2.483	43	36809	1.247	ppbv #	43
24) 1,1-Dichloroethane	2.441	63	1724	0.100	ppbv #	89
25) Ethyl Acetate	2.835	43	38185	0.731	ppbv #	86
26) Hexane	2.835	57	54134	2.274	ppbv #	38
27) Carbon Disulfide	2.159	76	23280	1.091	ppbv #	1
29) Chloroform	2.858	83	14657	0.471	ppbv	100
30) Cyclohexane	3.871	84	6268	0.315	ppbv #	90
34) 2-Butanone	2.564	43	151989	4.485	ppbv	98
36) Benzene	3.664	78	57111	1.258	ppbv	94
39) 1,2-Dichloropropane	3.968	63	117934	7.114	ppbv #	25
41) Tetrahydrofuran	3.068	42	1196	0.061	ppbv #	47
51) 2-Hexanone	7.457	43	8937	0.247	ppbv #	70
52) Tetrachloroethene	8.234	164	6759	0.385	ppbv	90
53) Toluene	6.943	91	86331	1.606	ppbv	99
58) Ethyl Benzene	9.360	91	11418	0.162	ppbv	92
59) m/p-Xylene	9.538	91	25130	0.453	ppbv #	100
60) o-Xylene	9.969	91	11752	0.212	ppbv	97
64) n-propylbenzene	10.992	120	1023	0.047	ppbv	91
69) p-Isopropyltoluene	11.927	119	2853	0.033	ppbv #	83
72) 4-Ethyltoluene	11.134	105	3790	0.055	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.205	105	4375	0.078	ppbv	96
74) 1,2,4-Trimethylbenzene	11.539	105	15371	0.247	ppbv #	66
79) Naphthalene	13.520	128	2652	0.048	ppbv #	90
80) Naphthalene,2-methyl-	14.465	142	5257	0.310	ppbv	88

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

Quant Time: Sep 23 02:55:23 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

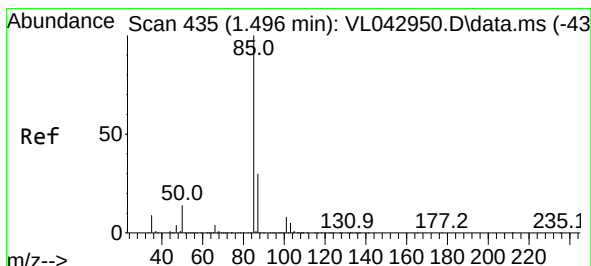
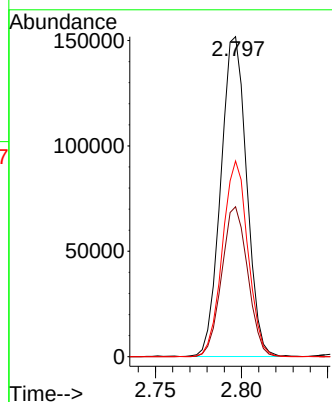
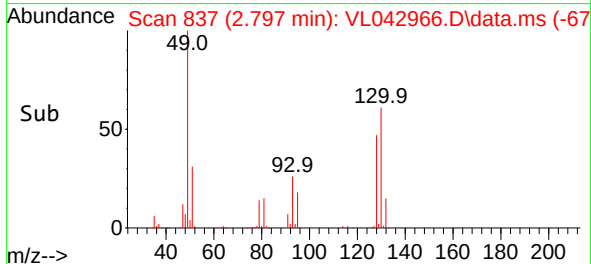
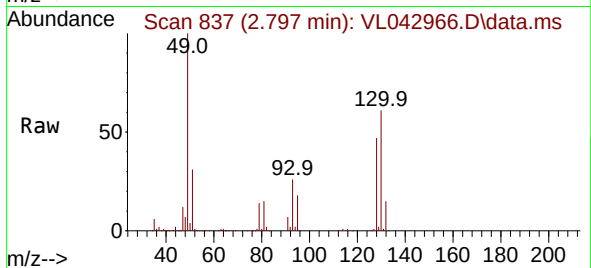




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 833
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

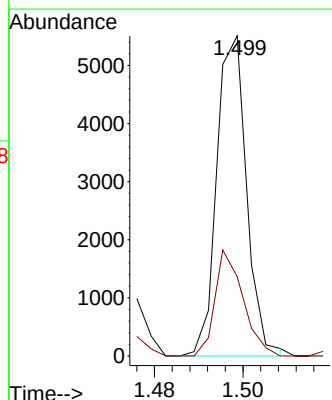
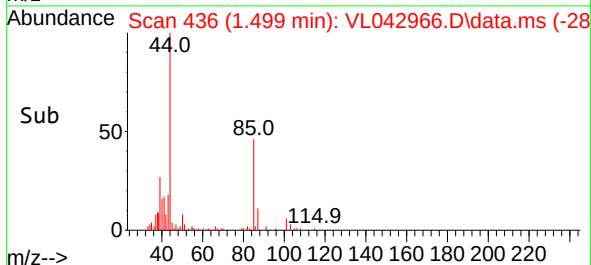
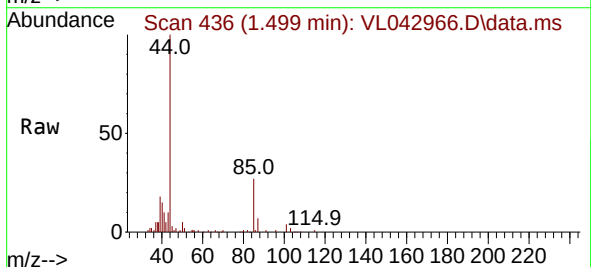
Instrument :
MSVOA_L
ClientSampleId :
SV3

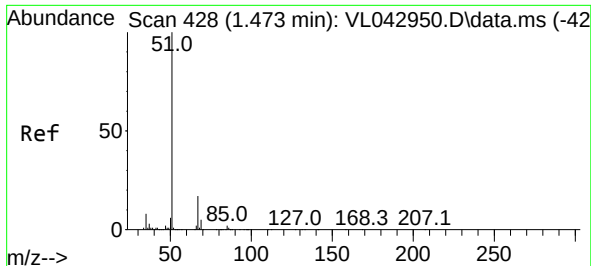
Tgt Ion: 49 Resp: 158622
Ion Ratio Lower Upper
49 100
128 47.3 22.9 68.8
130 60.2 29.1 87.3



#2
Dichlorodifluoromethane
Concen: 0.121 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 85 Resp: 2575
Ion Ratio Lower Upper
85 100
87 24.8 24.3 36.5

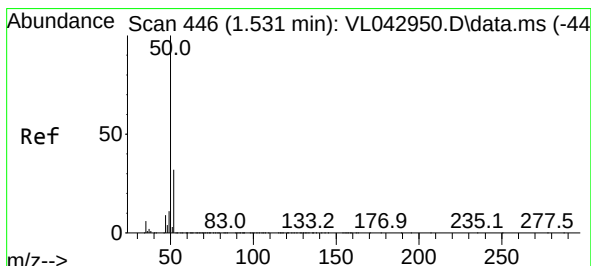
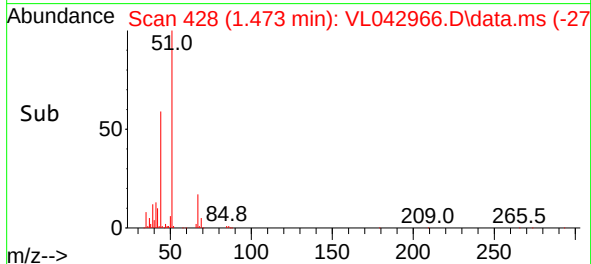
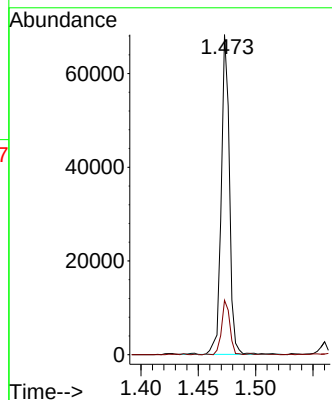
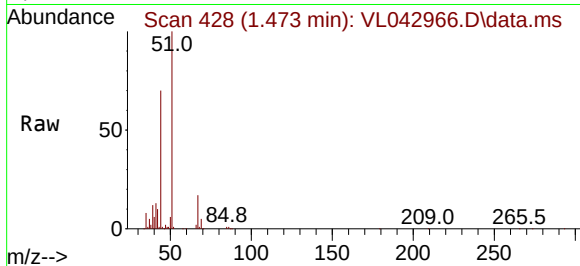




#3
Chlorodifluoromethane
Concen: 1.267 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.000 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

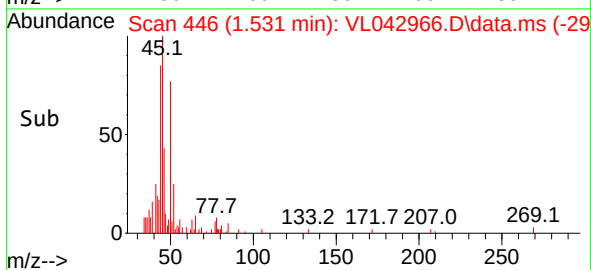
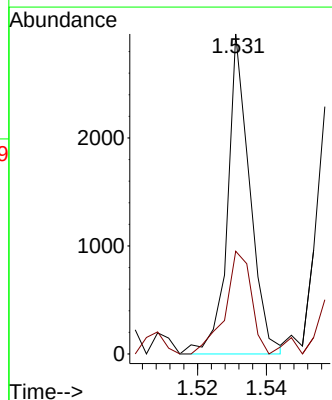
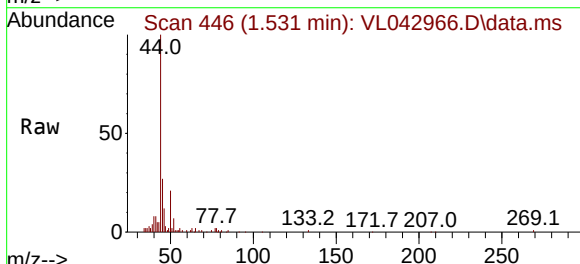
Instrument :
MSVOA_L
ClientSampleId :
SV3

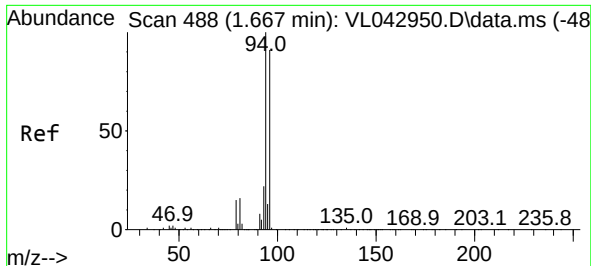
Tgt Ion: 51 Resp: 33690
Ion Ratio Lower Upper
51 100
67 17.7 13.8 20.8



#4
Chloromethane
Concen: 0.138 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 29.7 25.9 38.9

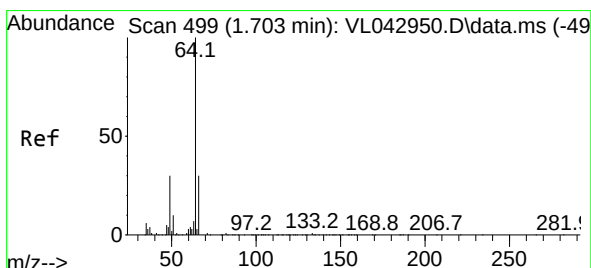
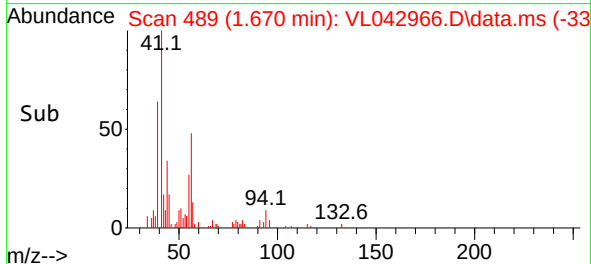
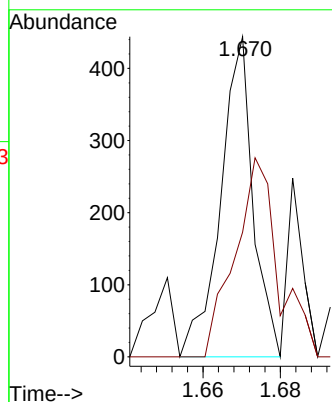
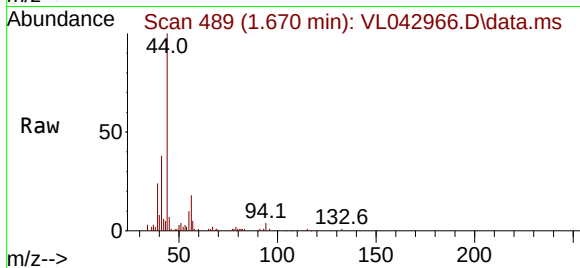




#6
Bromomethane
Concen: 0.084 ppbv
RT: 1.670 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

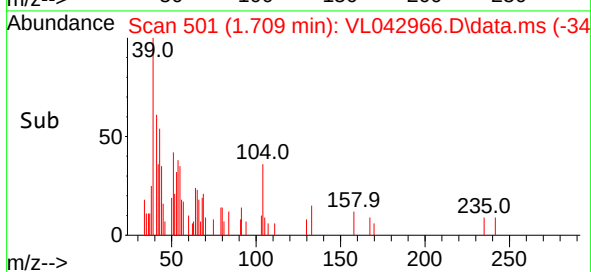
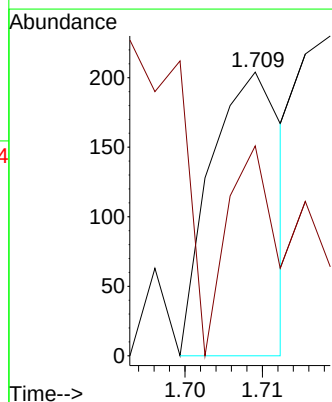
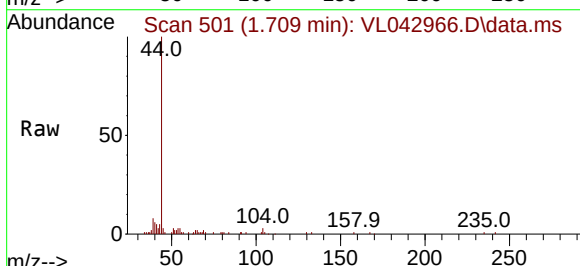
Instrument :
MSVOA_L
ClientSampleId :
SV3

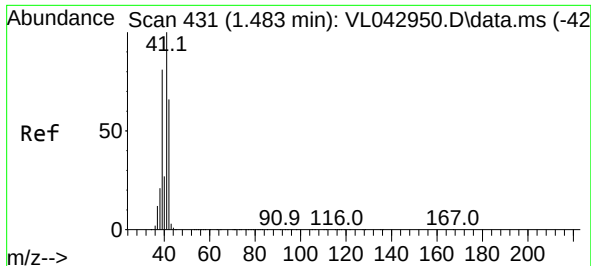
Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 39.0 72.6 108.8#



#7
Chloroethane
Concen: 0.039 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 74.0 24.6 36.8#





#9

Propene

Concen: 39.107 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

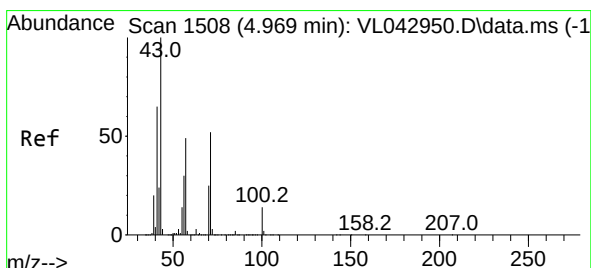
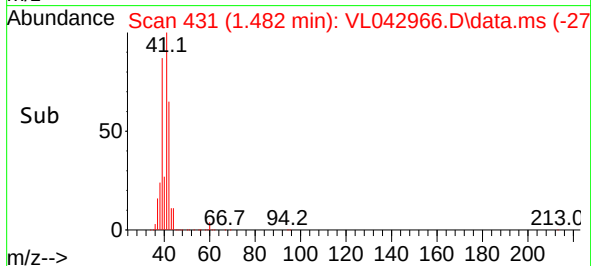
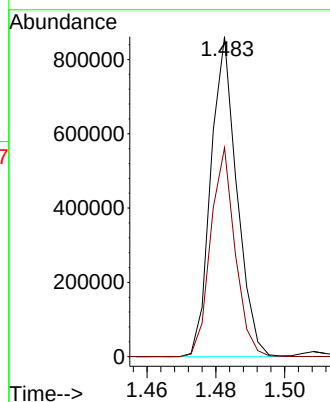
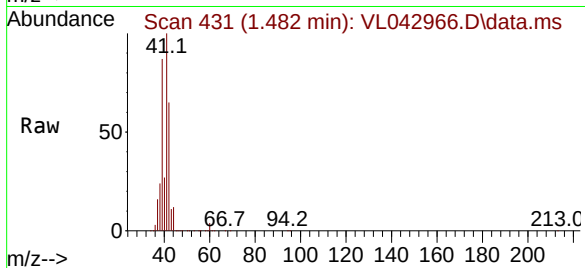
SV3

Tgt Ion: 41 Resp: 452382

Ion Ratio Lower Upper

41 100

42 61.6 57.4 86.2



#10

Heptane

Concen: 0.670 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.022 min

Lab File: VL042966.D

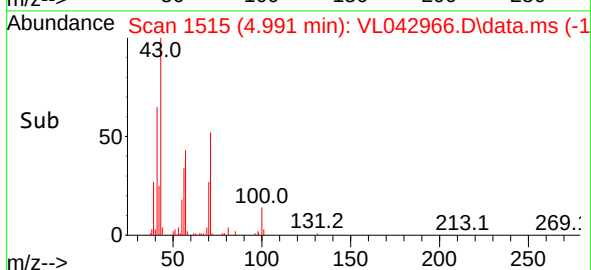
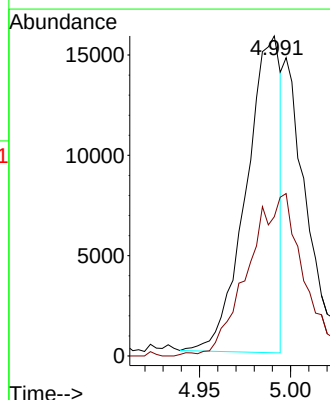
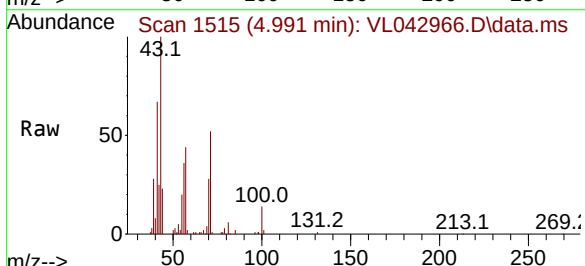
Acq: 22 Sep 2025 20:24

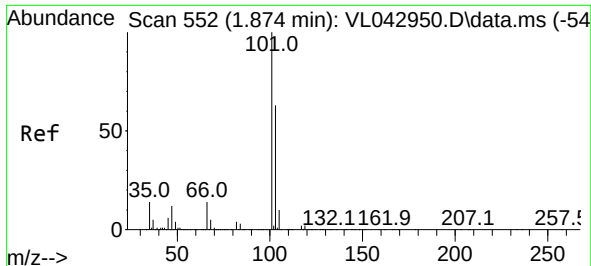
Tgt Ion: 43 Resp: 20693

Ion Ratio Lower Upper

43 100

57 0.0 38.6 57.8#

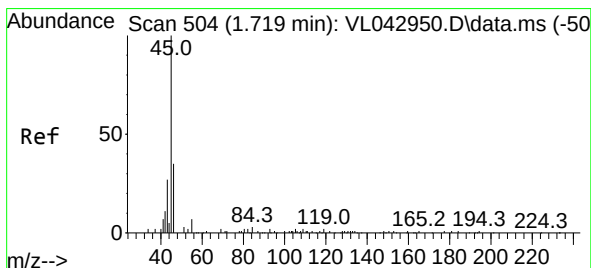
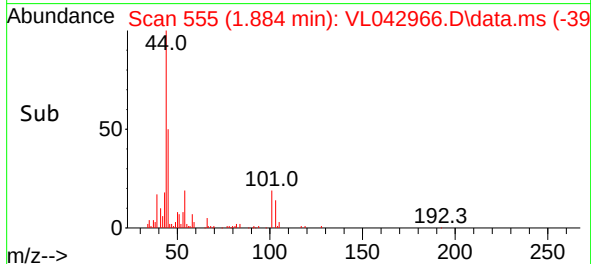
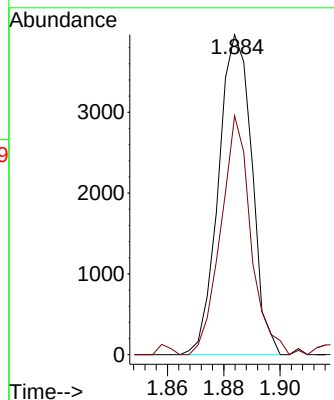
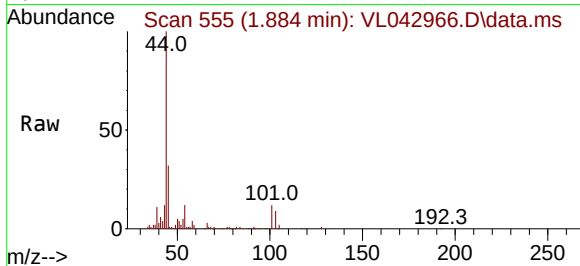




#11
 Trichlorofluoromethane
 Concen: 0.158 ppbv
 RT: 1.884 min Scan# 51
 Delta R.T. 0.009 min
 Lab File: VL042966.D
 Acq: 22 Sep 2025 20:24

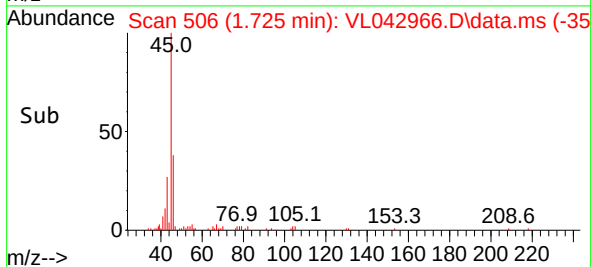
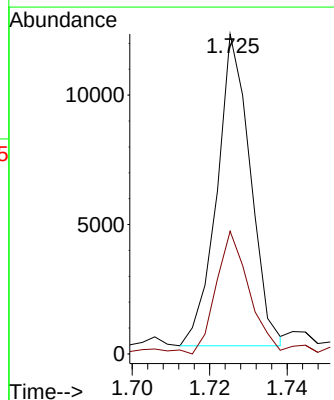
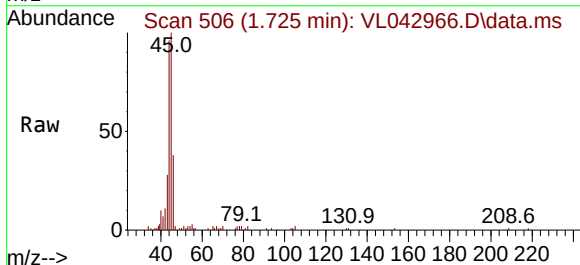
Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

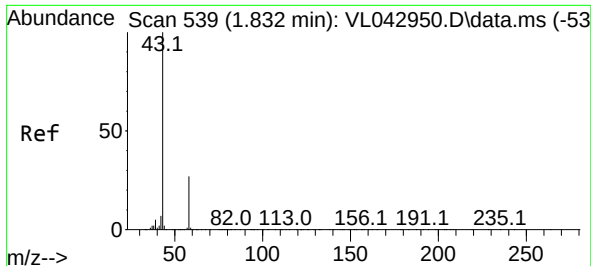
Tgt Ion:101 Resp: 3259
 Ion Ratio Lower Upper
 101 100
 103 74.6 50.1 75.1



#13
 Ethanol
 Concen: 6.429 ppbv
 RT: 1.725 min Scan# 506
 Delta R.T. 0.006 min
 Lab File: VL042966.D
 Acq: 22 Sep 2025 20:24

Tgt Ion: 45 Resp: 7215
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.2 64.6#





#15

Acetone

Concen: 25.790 ppbv

RT: 1.839 min Scan# 54

Delta R.T. 0.006 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

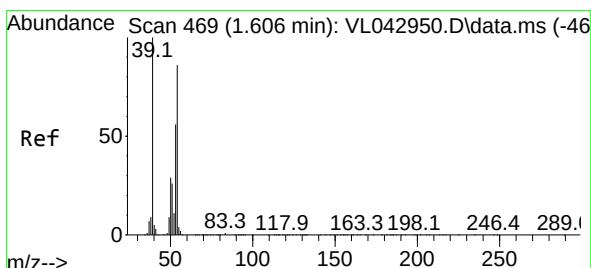
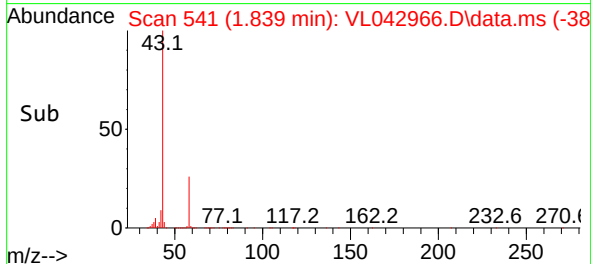
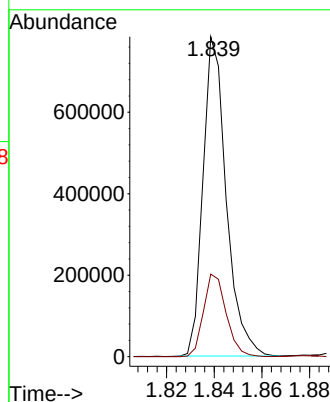
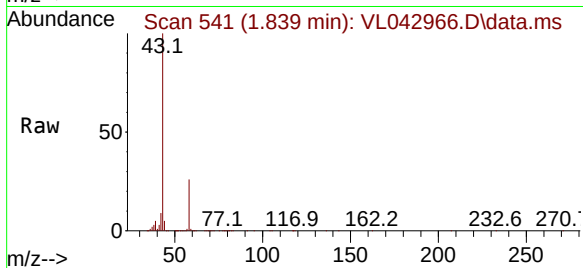
SV3

Tgt Ion: 43 Resp: 532821

Ion Ratio Lower Upper

43 100

58 25.3 22.3 33.5



#16

1,3-Butadiene

Concen: 15.049 ppbv

RT: 1.602 min Scan# 468

Delta R.T. -0.003 min

Lab File: VL042966.D

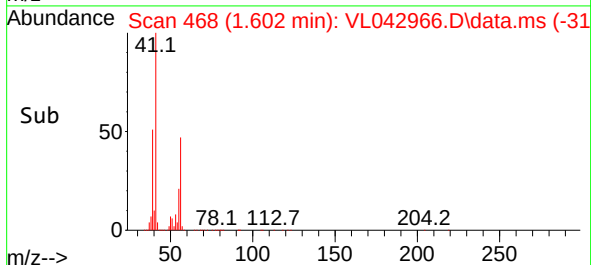
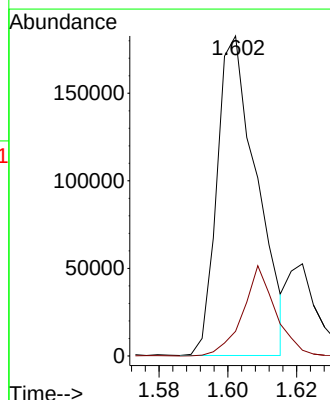
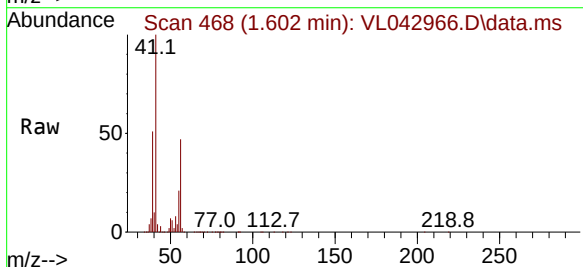
Acq: 22 Sep 2025 20:24

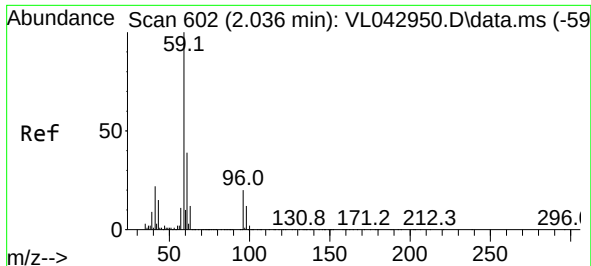
Tgt Ion: 39 Resp: 146653

Ion Ratio Lower Upper

39 100

54 23.2 60.8 91.2#

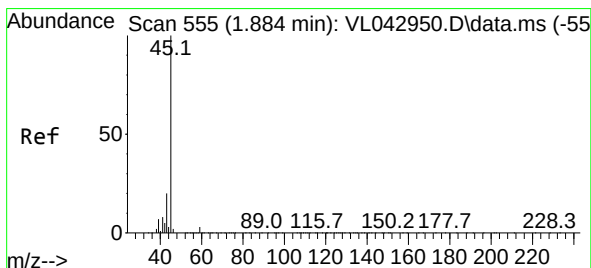
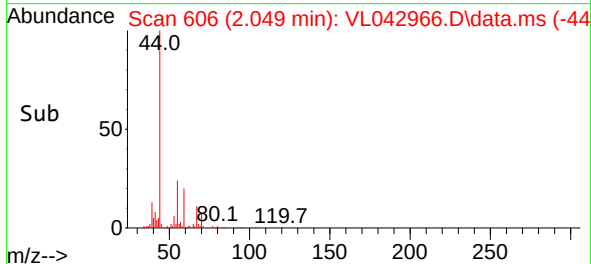
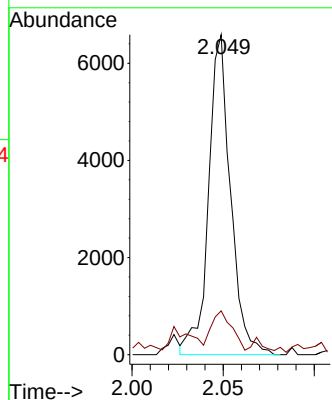
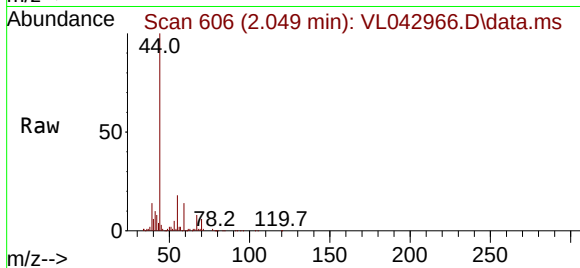




#17
tert-Butyl alcohol
Concen: 0.244 ppbv
RT: 2.049 min Scan# 602
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

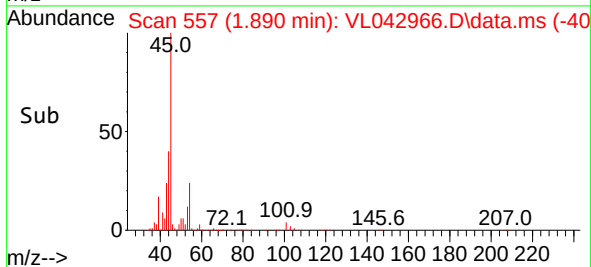
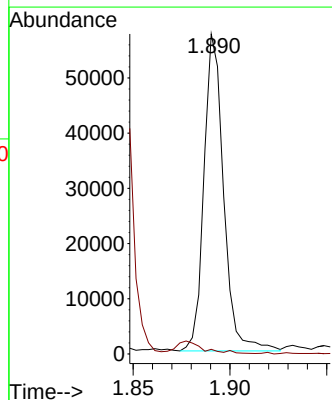
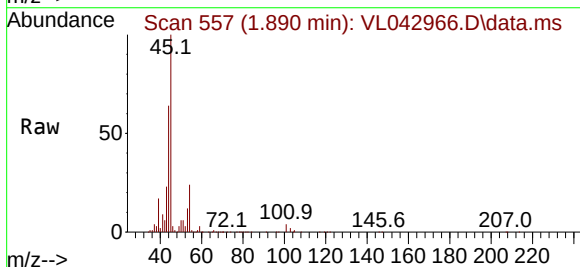
Instrument :
MSVOA_L
ClientSampleId :
SV3

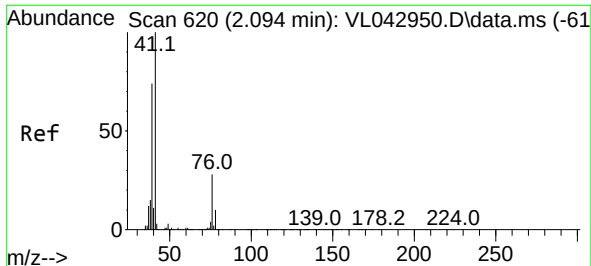
Tgt Ion: 59 Resp: 5527
Ion Ratio Lower Upper
59 100
57 26.7 8.6 12.8#



#19
Isopropyl Alcohol
Concen: 3.277 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 45 Resp: 40694
Ion Ratio Lower Upper
45 100
58 330.6 31.0 46.6#





#21

Allyl Chloride

Concen: 0.432 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

SV3

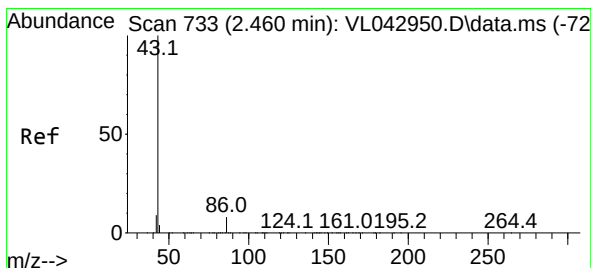
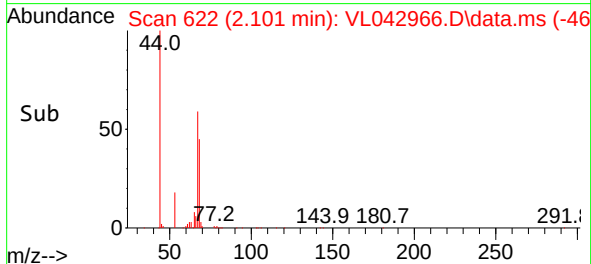
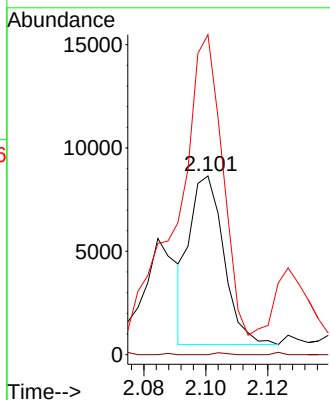
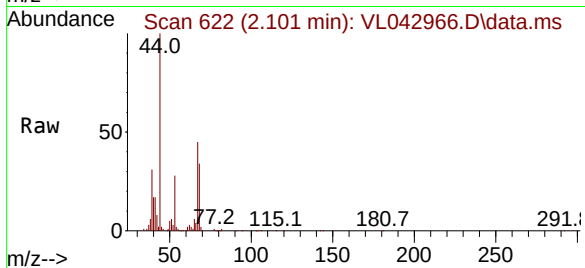
Tgt Ion: 41 Resp: 6222

Ion Ratio Lower Upper

41 100

76 0.0 22.3 33.5#

39 288.0 61.3 91.9#



#23

Vinyl Acetate

Concen: 1.247 ppbv

RT: 2.483 min Scan# 740

Delta R.T. 0.022 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Tgt Ion: 43 Resp: 36809

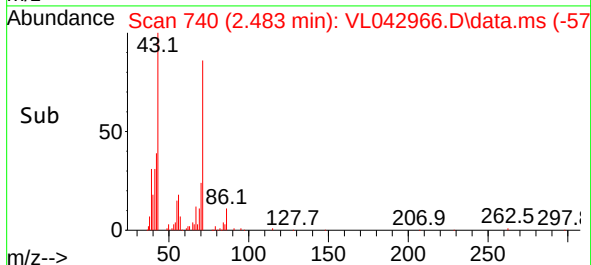
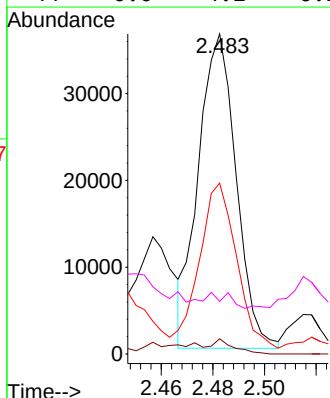
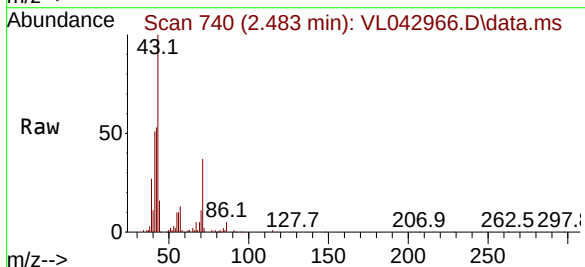
Ion Ratio Lower Upper

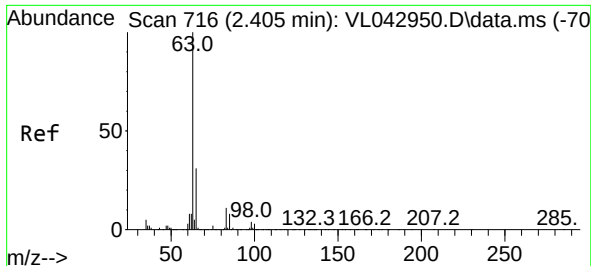
43 100

86 4.9 6.2 9.2#

42 53.7 7.4 11.0#

44 0.0 4.2 6.2#

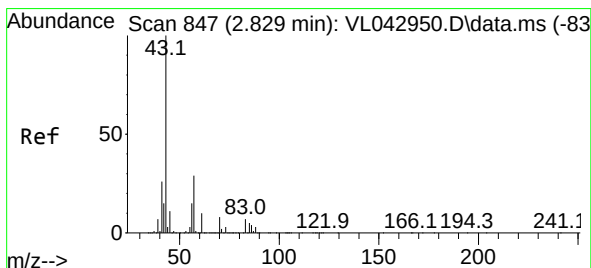
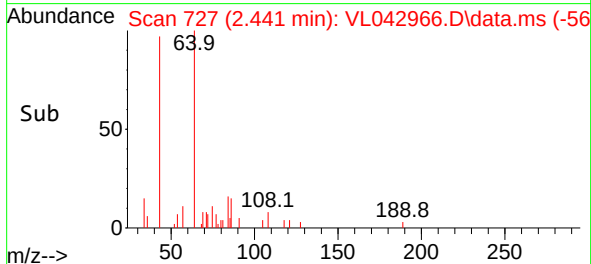
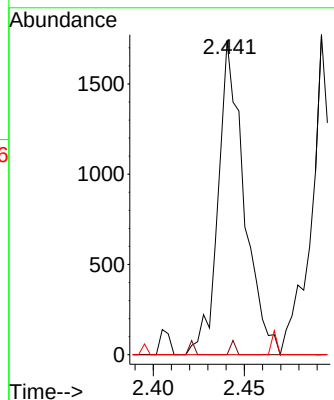
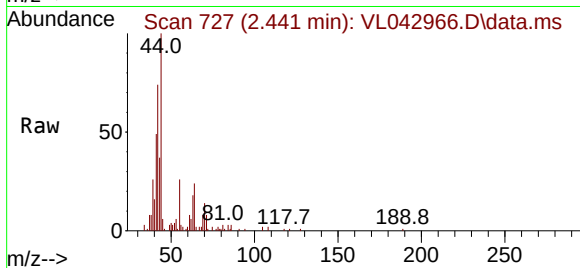




#24
 1,1-Dichloroethane
 Concen: 0.100 ppbv
 RT: 2.441 min Scan# 716
 Delta R.T. 0.035 min
 Lab File: VL042966.D
 Acq: 22 Sep 2025 20:24

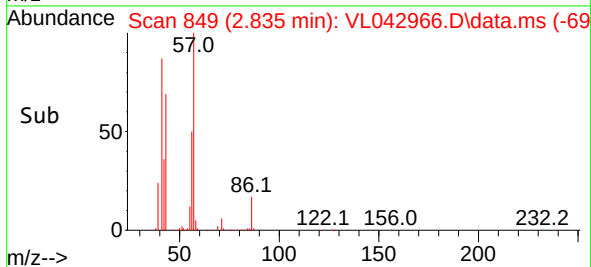
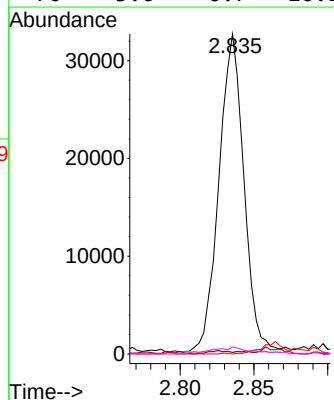
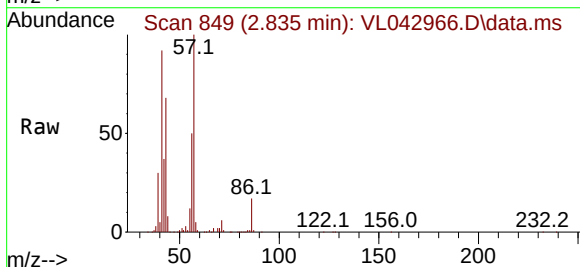
Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

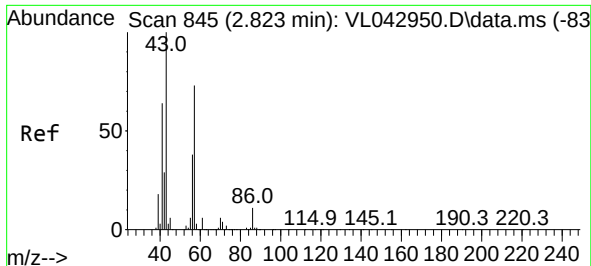
Tgt Ion:	63	Resp:	1724
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.4	4.0#



#25
 Ethyl Acetate
 Concen: 0.731 ppbv
 RT: 2.835 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VL042966.D
 Acq: 22 Sep 2025 20:24

Tgt Ion:	43	Resp:	38185
Ion	Ratio	Lower	Upper
43	100		
45	2.9	7.7	11.5#
61	4.9	7.1	10.7#
70	3.6	6.7	10.1#

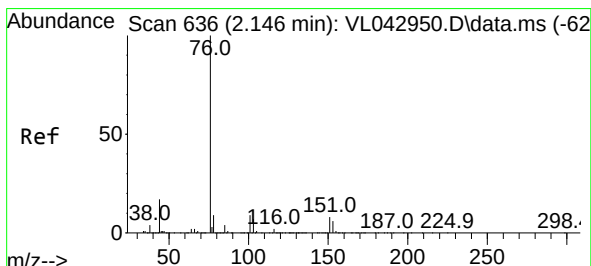
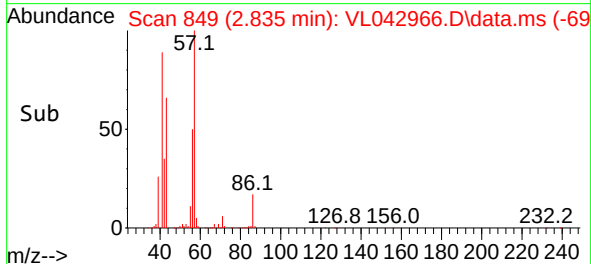
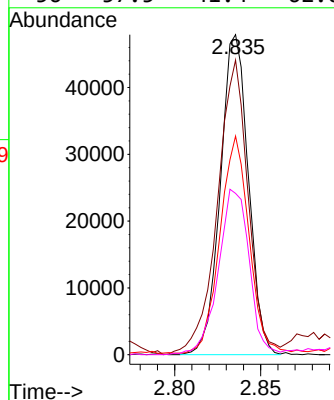
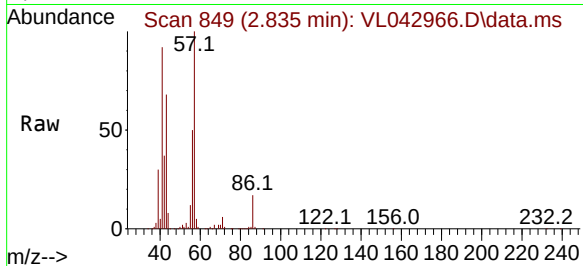




#26
Hexane
Concen: 2.274 ppbv
RT: 2.835 min Scan# 84
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

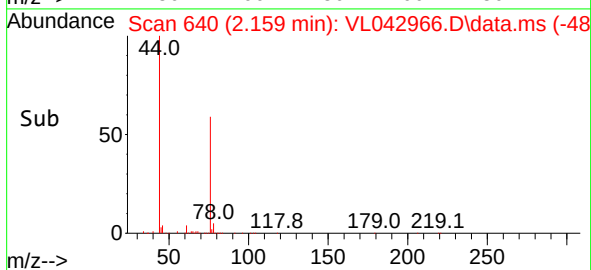
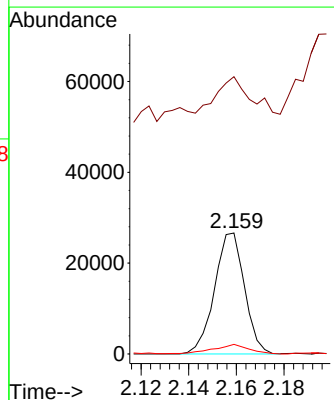
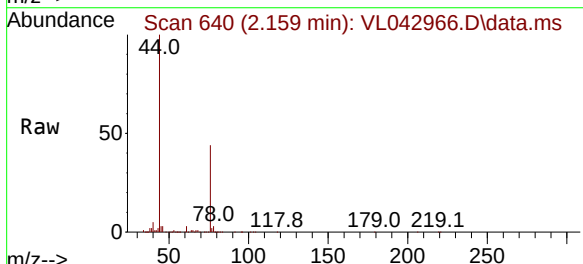
Instrument :
MSVOA_L
ClientSampleId :
SV3

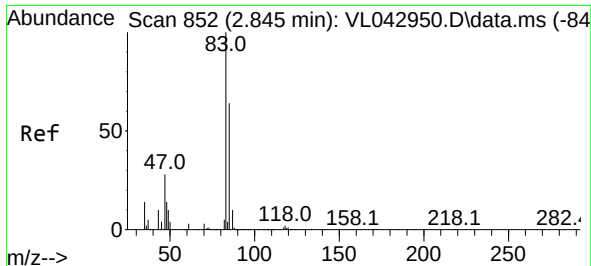
Tgt Ion: 57 Resp: 54134
Ion Ratio Lower Upper
57 100
41 98.4 71.7 107.5
43 71.0 180.8 271.2#
56 57.5 41.4 62.0



#27
Carbon Disulfide
Concen: 1.091 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 76 Resp: 23280
Ion Ratio Lower Upper
76 100
44 1049.2 15.6 23.4#
78 10.3 8.9 13.3





#29

Chloroform

Concen: 0.471 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

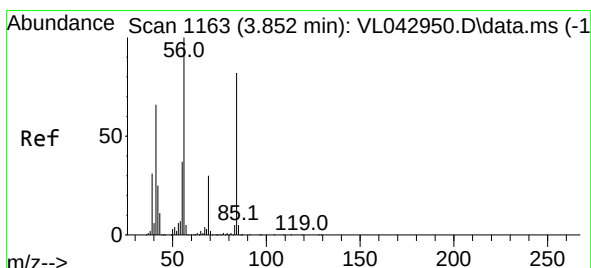
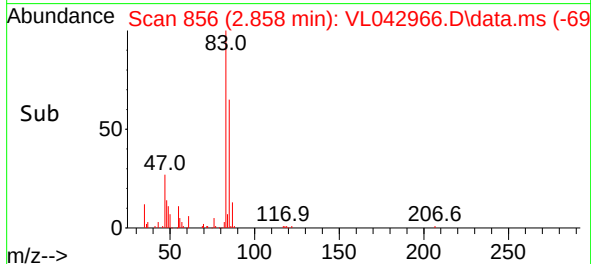
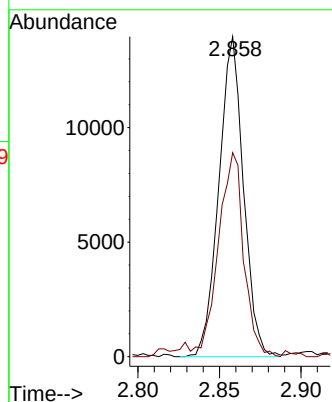
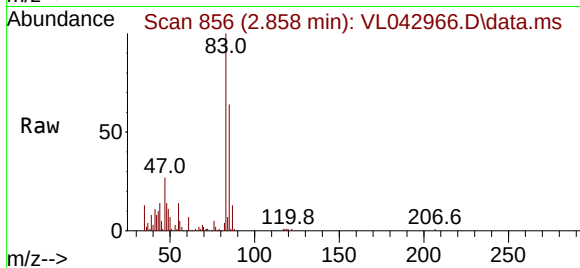
SV3

Tgt Ion: 83 Resp: 14657

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8



#30

Cyclohexane

Concen: 0.315 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.019 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

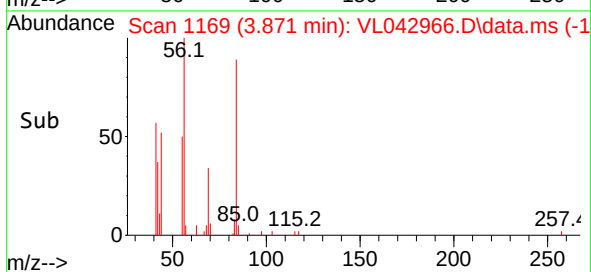
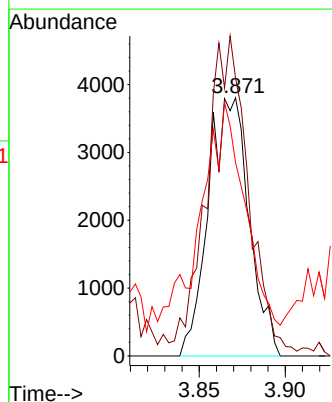
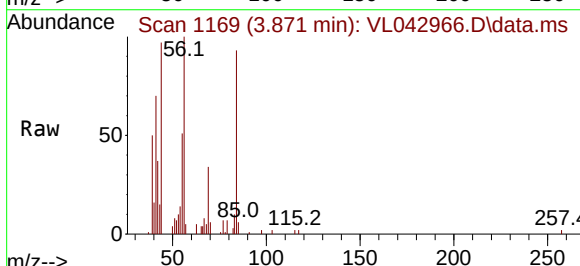
Tgt Ion: 84 Resp: 6268

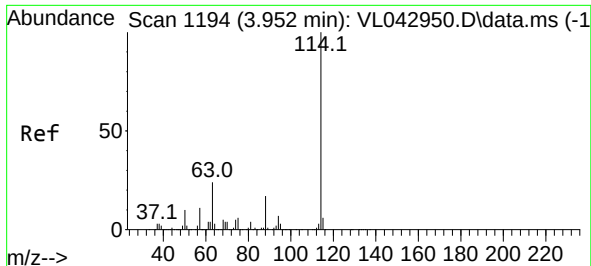
Ion Ratio Lower Upper

84 100

56 129.3 102.2 153.4

41 102.3 65.6 98.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.016 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

SV3

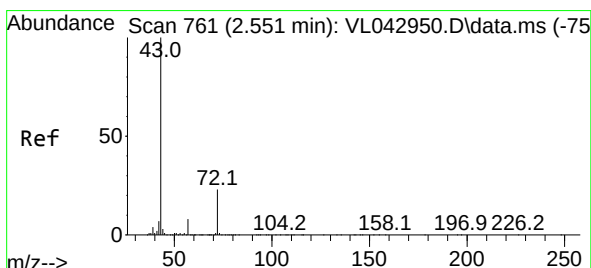
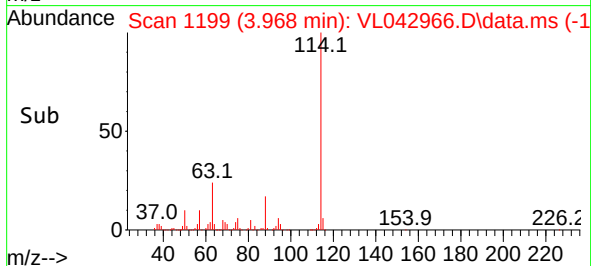
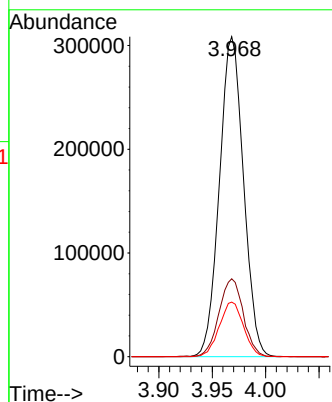
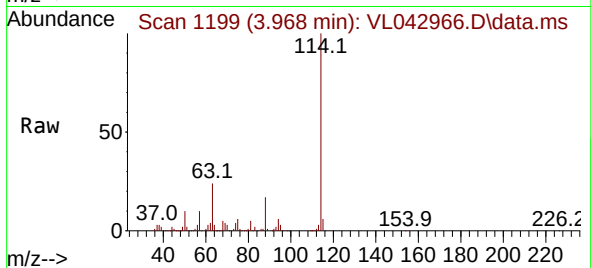
Tgt Ion:114 Resp: 483571

Ion Ratio Lower Upper

114 100

63 24.8 19.4 29.2

88 17.2 14.2 21.2



#34

2-Butanone

Concen: 4.485 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.013 min

Lab File: VL042966.D

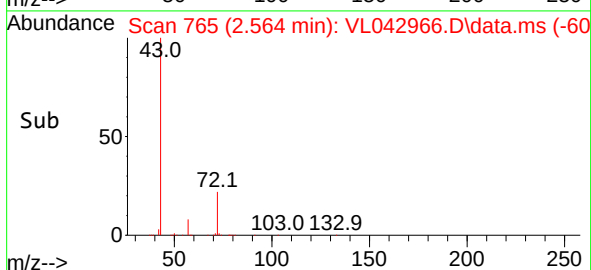
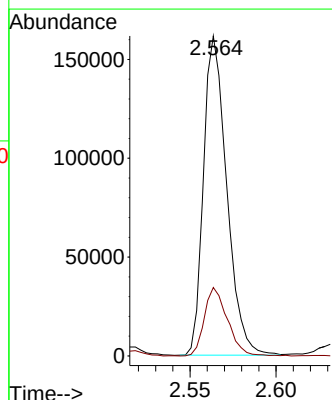
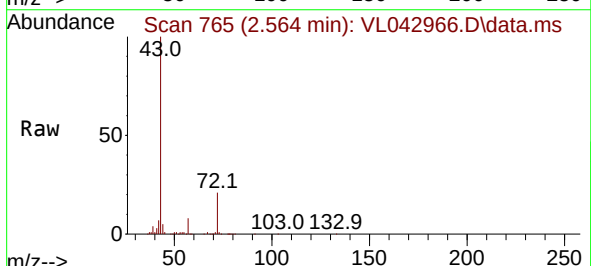
Acq: 22 Sep 2025 20:24

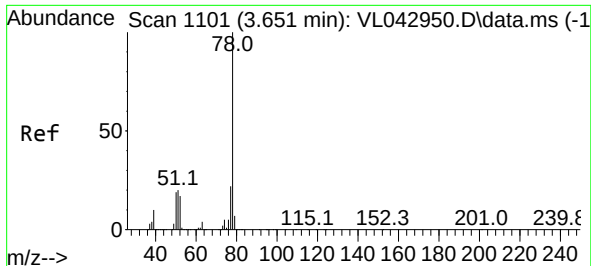
Tgt Ion: 43 Resp: 151989

Ion Ratio Lower Upper

43 100

72 21.3 17.7 26.5

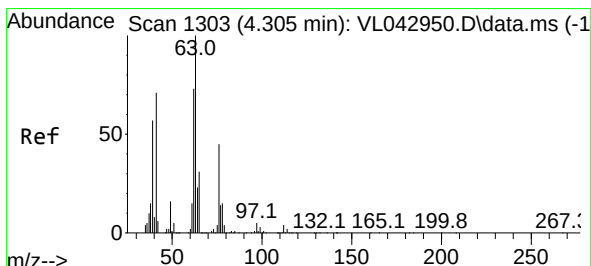
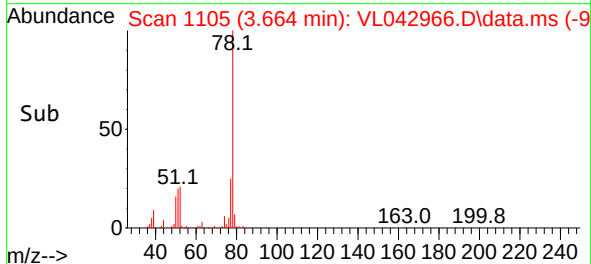
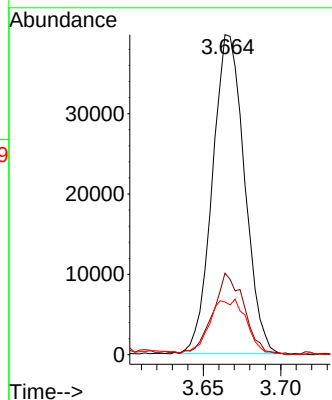
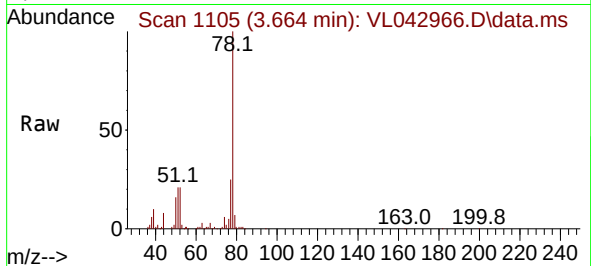




#36
Benzene
Concen: 1.258 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

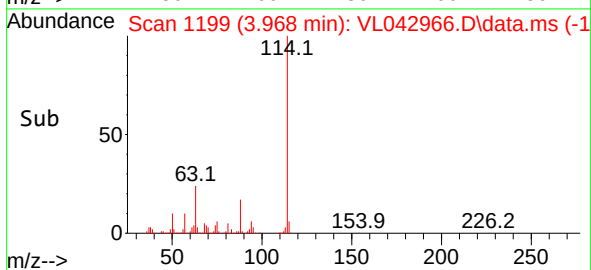
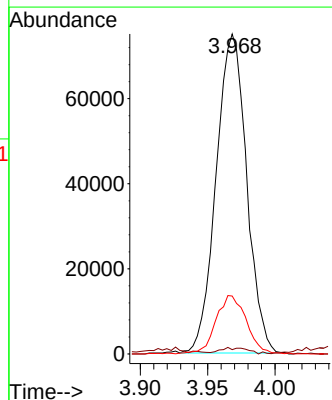
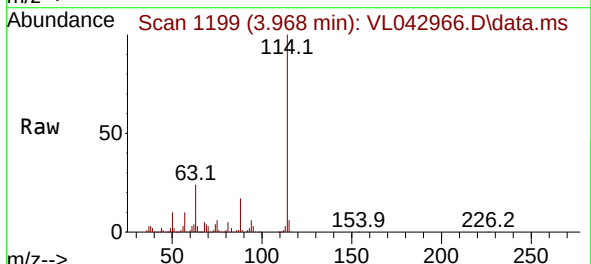
Instrument :
MSVOA_L
ClientSampleId :
SV3

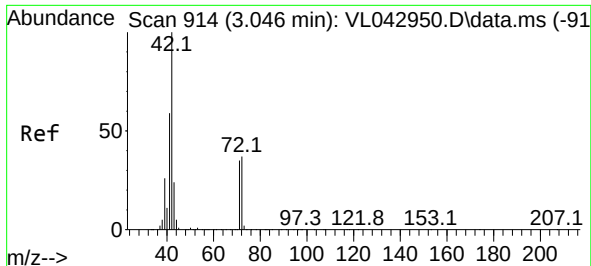
Tgt Ion: 78 Resp: 57111
Ion Ratio Lower Upper
78 100
77 25.0 17.8 26.6
50 16.1 15.0 22.4



#39
1,2-Dichloropropane
Concen: 7.114 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.337 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 63 Resp: 117934
Ion Ratio Lower Upper
63 100
41 1.0 57.5 86.3#
62 17.9 58.5 87.7#

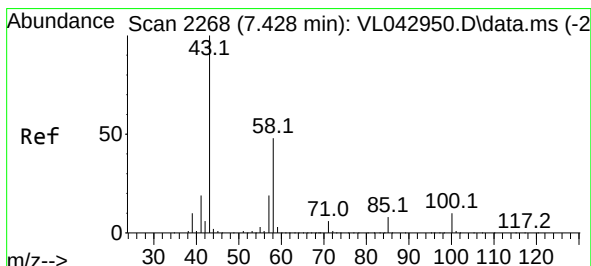
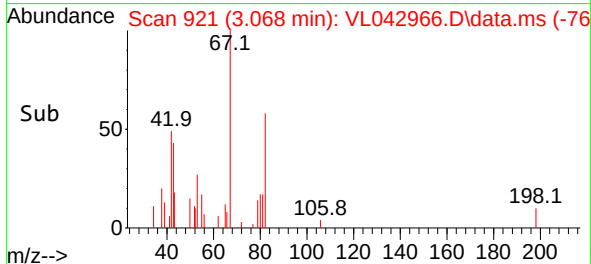
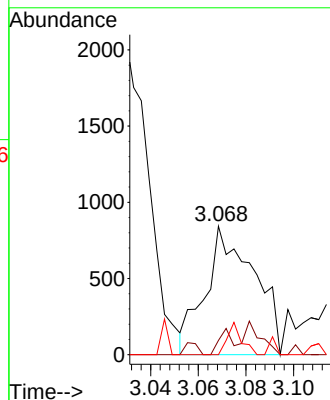
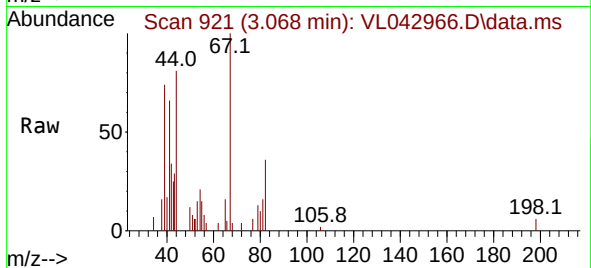




#41
Tetrahydrofuran
Concen: 0.061 ppbv
RT: 3.068 min Scan# 91
Delta R.T. 0.022 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

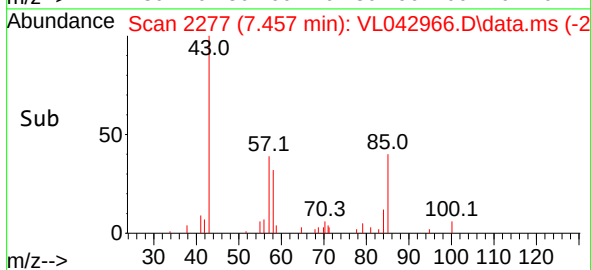
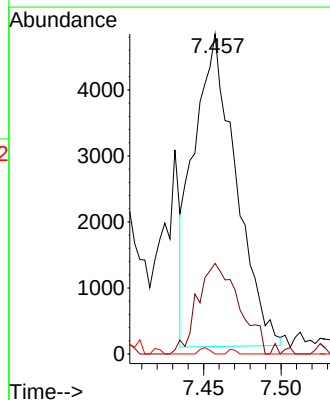
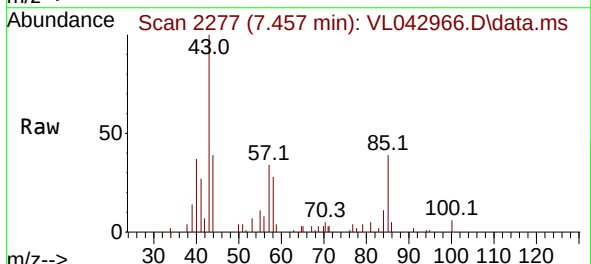
Instrument :
MSVOA_L
ClientSampleId :
SV3

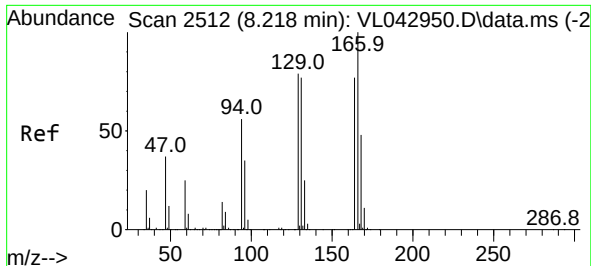
Tgt Ion: 42 Resp: 1196
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 11.2 28.8 43.2#



#51
2-Hexanone
Concen: 0.247 ppbv
RT: 7.457 min Scan# 2277
Delta R.T. 0.029 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 43 Resp: 8937
Ion Ratio Lower Upper
43 100
58 28.9 39.7 59.5#
98 0.8 0.1 0.1#

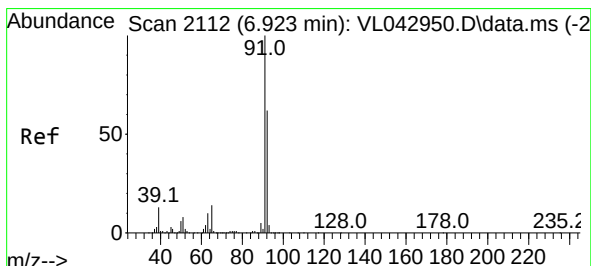
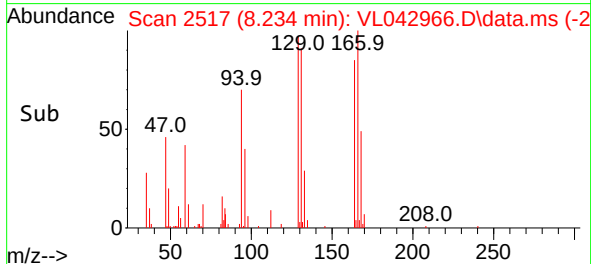
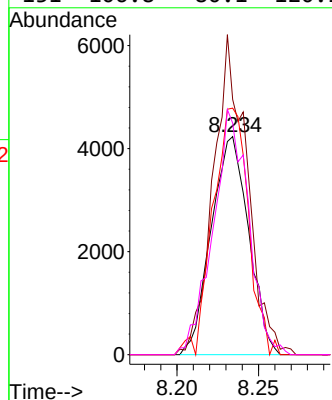
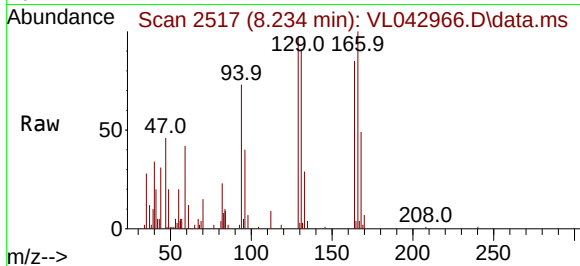




#52
Tetrachloroethene
Concen: 0.385 ppbv
RT: 8.234 min Scan# 2117
Delta R.T. 0.016 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

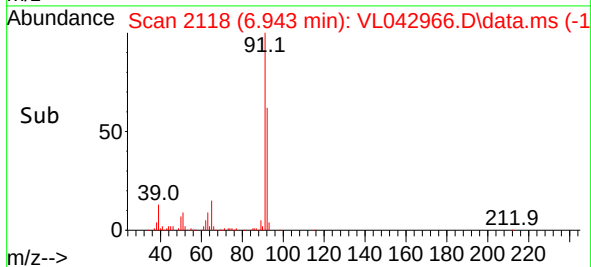
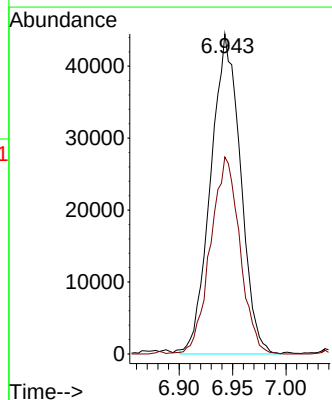
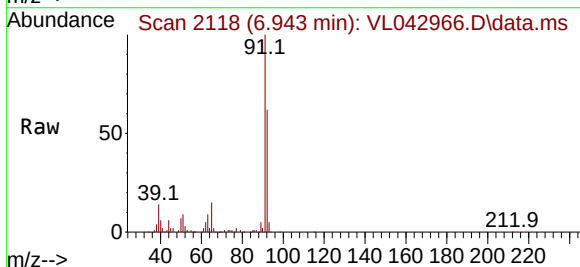
Instrument :
MSVOA_L
ClientSampleId :
SV3

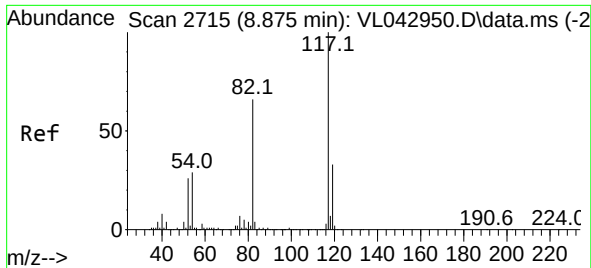
Tgt Ion:164 Resp: 6759
Ion Ratio Lower Upper
164 100
166 114.5 103.5 155.3
129 113.0 82.2 123.4
131 106.8 80.1 120.1



#53
Toluene
Concen: 1.606 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.019 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 91 Resp: 86331
Ion Ratio Lower Upper
91 100
92 60.9 48.2 72.2

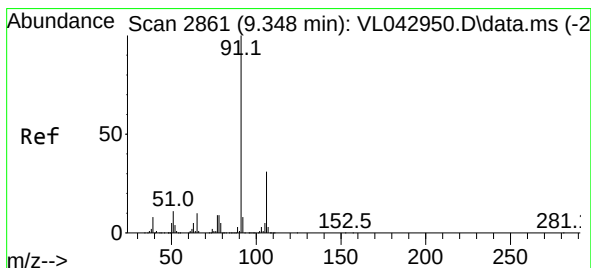
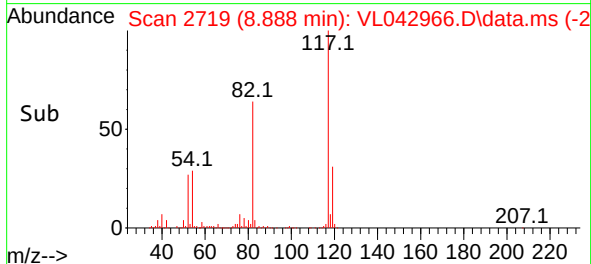
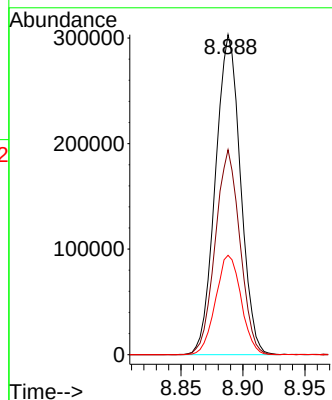
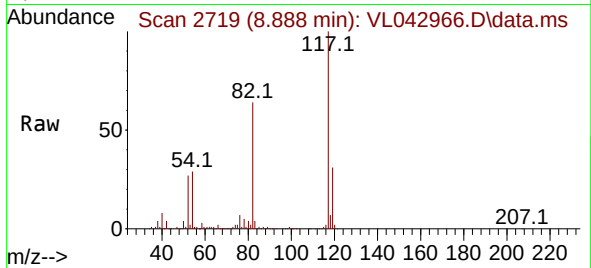




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

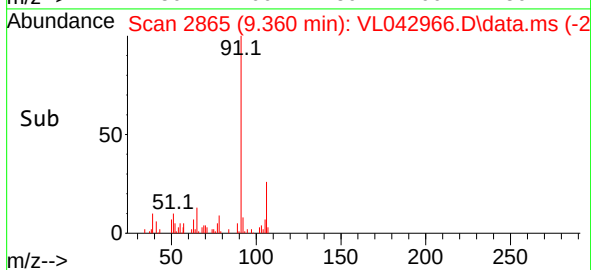
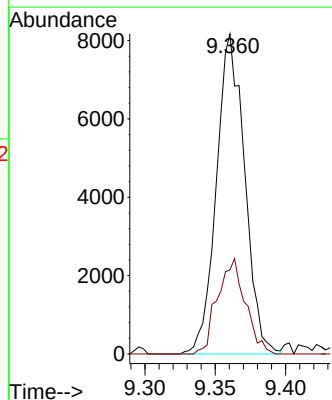
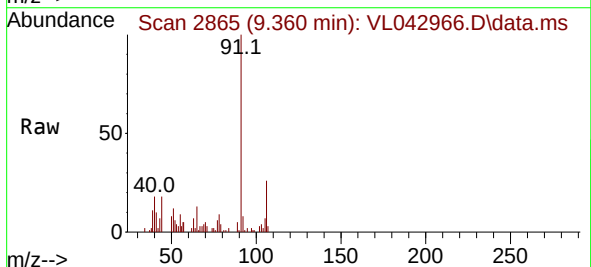
Instrument :
MSVOA_L
ClientSampleId :
SV3

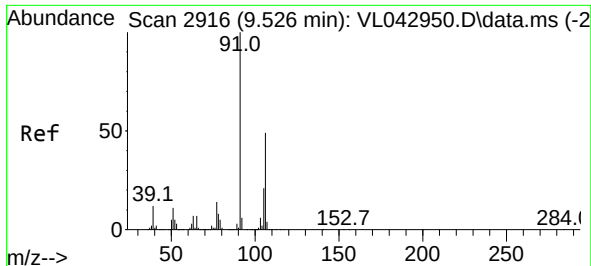
Tgt Ion:117 Resp: 428101
Ion Ratio Lower Upper
117 100
82 63.1 52.8 79.2
119 31.6 26.5 39.7



#58
Ethyl Benzene
Concen: 0.162 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion: 91 Resp: 11418
Ion Ratio Lower Upper
91 100
106 26.3 24.6 37.0





#59

m/p-Xylene

Concen: 0.453 ppbv

RT: 9.538 min Scan# 2916

Delta R.T. 0.013 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

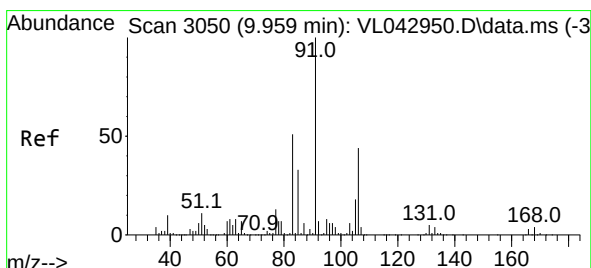
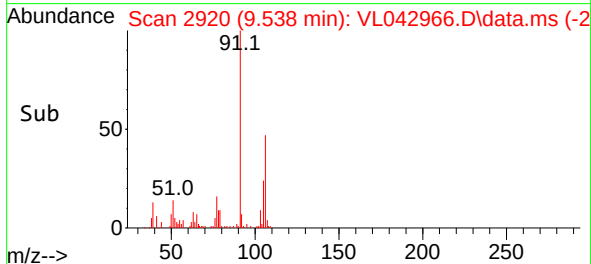
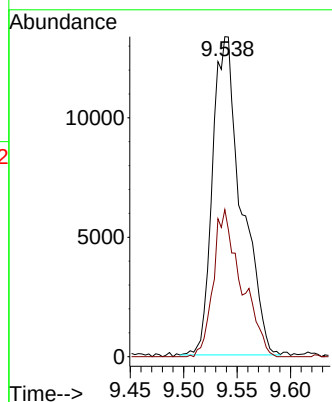
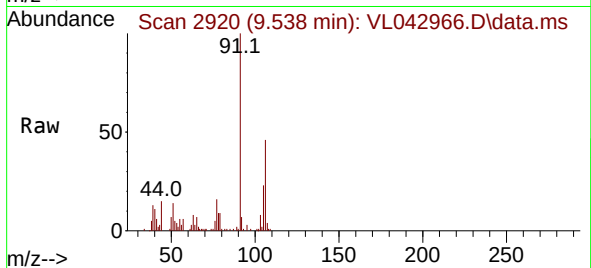
SV3

Tgt Ion: 91 Resp: 25130

Ion Ratio Lower Upper

91 100

106 44.8 0.0 0.0#



#60

o-Xylene

Concen: 0.212 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.010 min

Lab File: VL042966.D

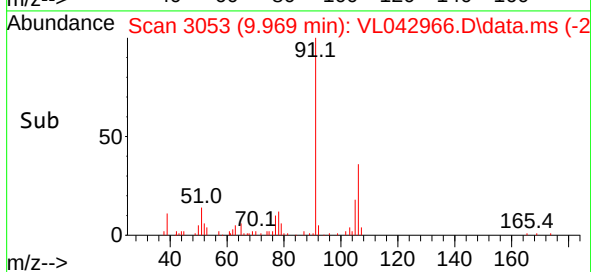
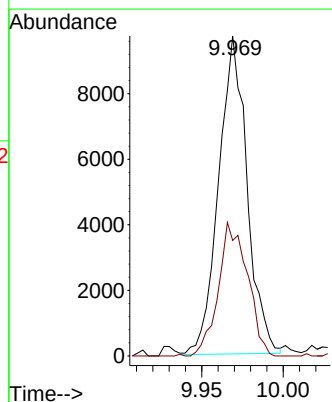
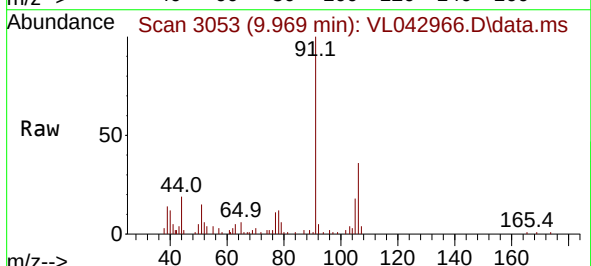
Acq: 22 Sep 2025 20:24

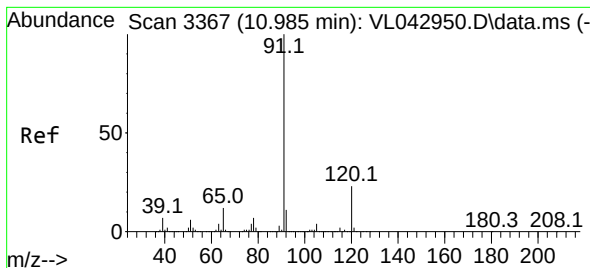
Tgt Ion: 91 Resp: 11752

Ion Ratio Lower Upper

91 100

106 43.0 22.4 67.0





#64

n-propylbenzene

Concen: 0.047 ppbv

RT: 10.992 min Scan# 3180

Delta R.T. 0.006 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

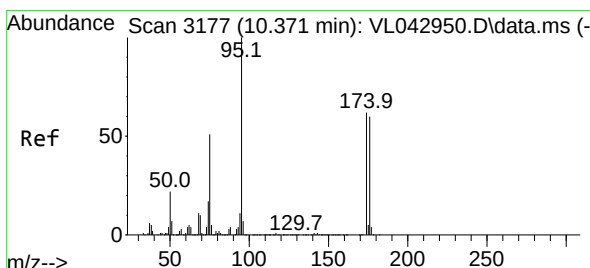
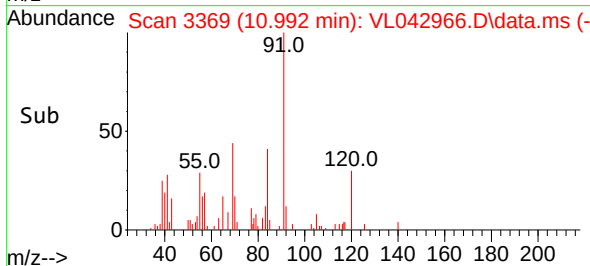
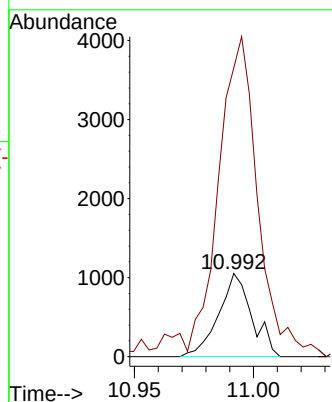
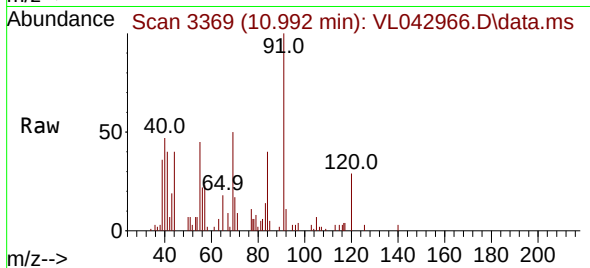
SV3

Tgt Ion:120 Resp: 1023

Ion Ratio Lower Upper

120 100

91 478.2 364.9 547.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.029 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.009 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

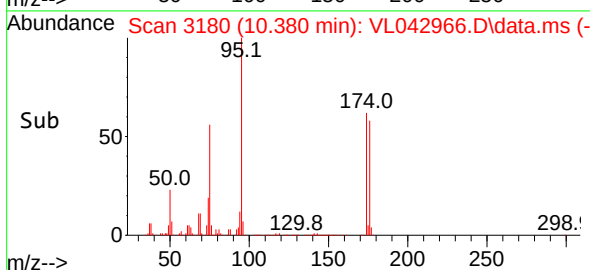
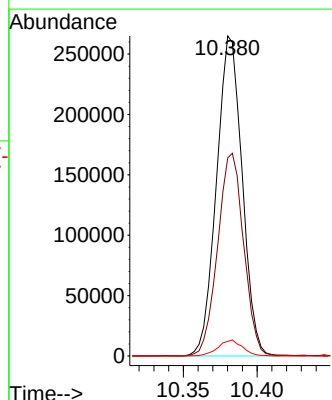
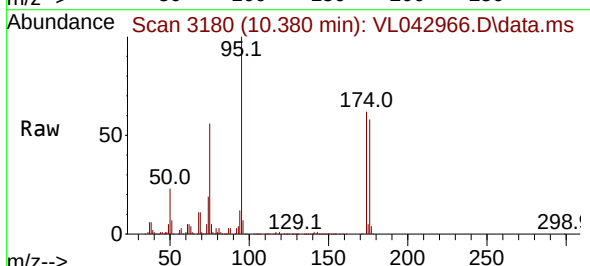
Tgt Ion: 95 Resp: 320479

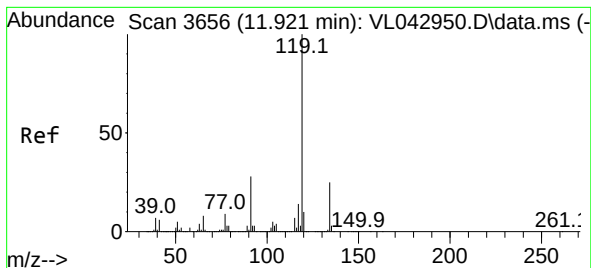
Ion Ratio Lower Upper

95 100

174 64.2 51.4 77.2

175 4.8 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.033 ppbv

RT: 11.927 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Instrument :

MSVOA_L

ClientSampleId :

SV3

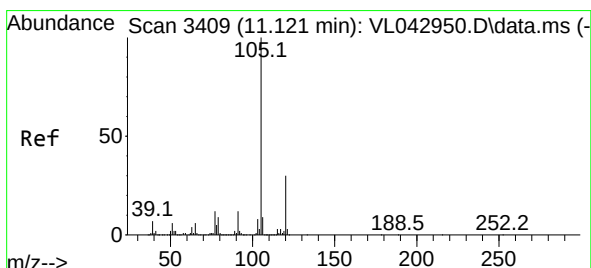
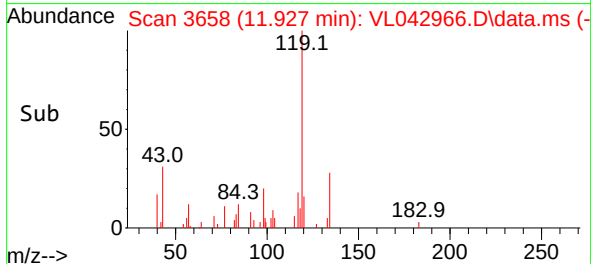
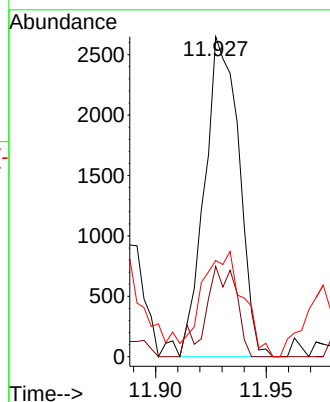
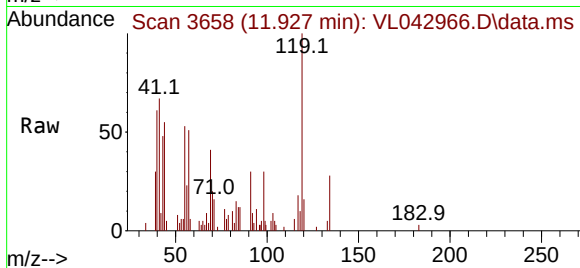
Tgt Ion:119 Resp: 2853

Ion Ratio Lower Upper

119 100

134 30.1 21.0 31.4

91 41.4 22.3 33.5#



#72

4-Ethyltoluene

Concen: 0.055 ppbv

RT: 11.134 min Scan# 3413

Delta R.T. 0.013 min

Lab File: VL042966.D

Acq: 22 Sep 2025 20:24

Tgt Ion:105 Resp: 3790

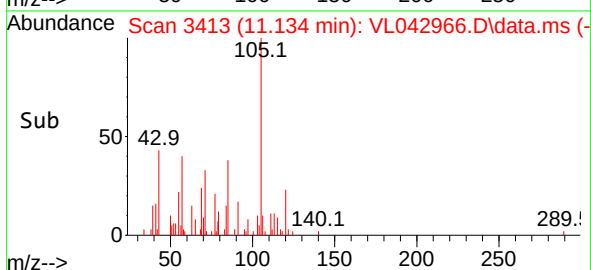
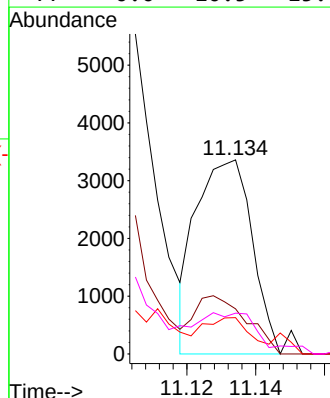
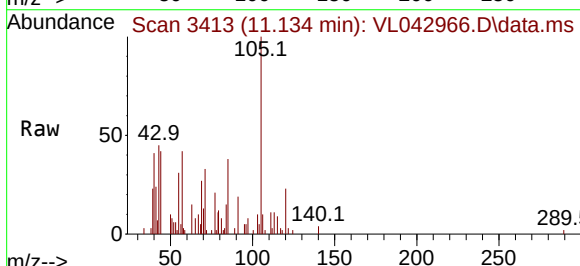
Ion Ratio Lower Upper

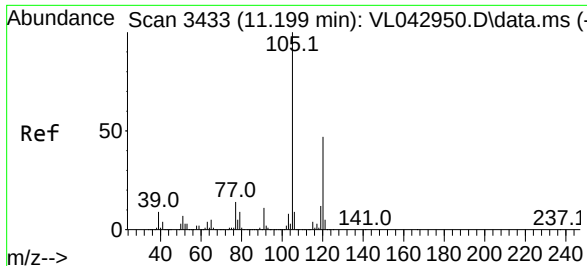
105 100

120 0.0 24.2 36.2#

91 0.0 10.0 15.0#

77 0.0 10.5 15.7#

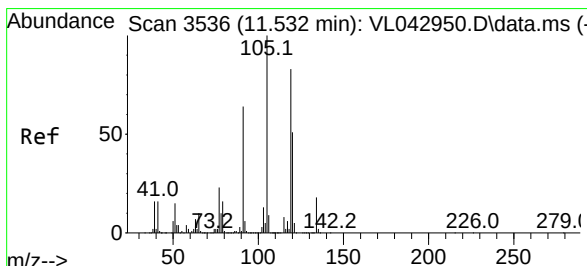
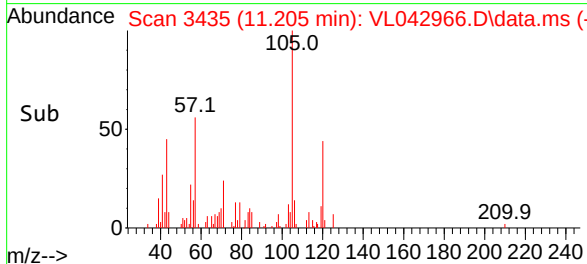
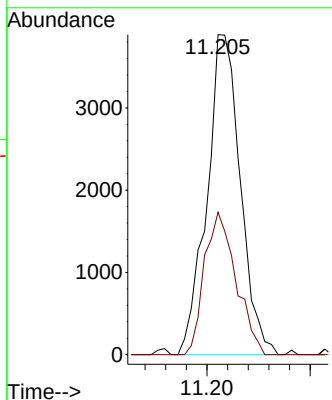
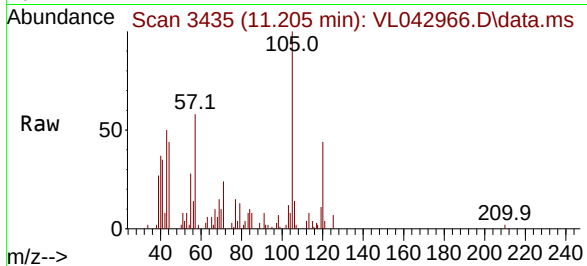




#73
1,3,5-Trimethylbenzene
Concen: 0.078 ppbv
RT: 11.205 min Scan# 3433
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

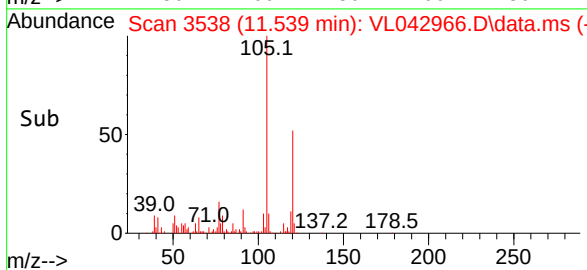
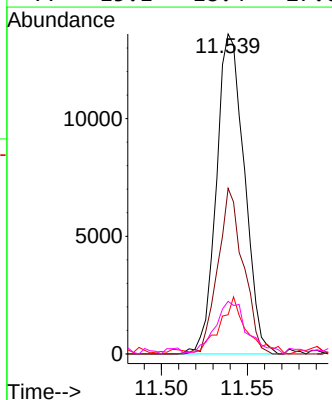
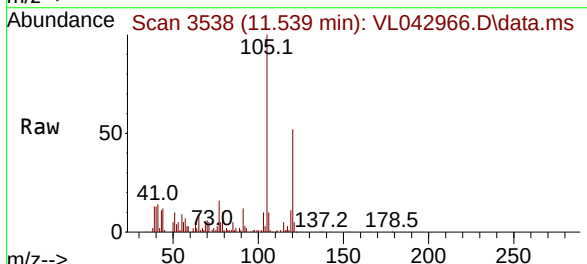
Instrument :
MSVOA_L
ClientSampleId :
SV3

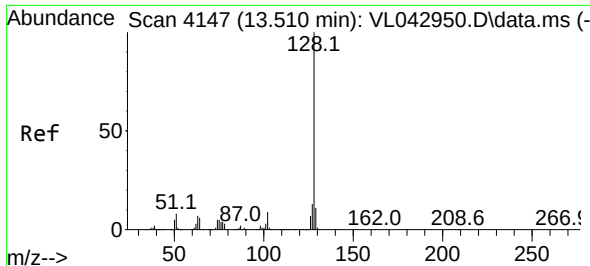
Tgt Ion:105 Resp: 4375
Ion Ratio Lower Upper
105 100
120 44.5 38.0 57.0



#74
1,2,4-Trimethylbenzene
Concen: 0.247 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.006 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion:105 Resp: 15371
Ion Ratio Lower Upper
105 100
120 51.7 40.9 61.3
91 10.9 51.2 76.8#
77 15.1 18.4 27.6#

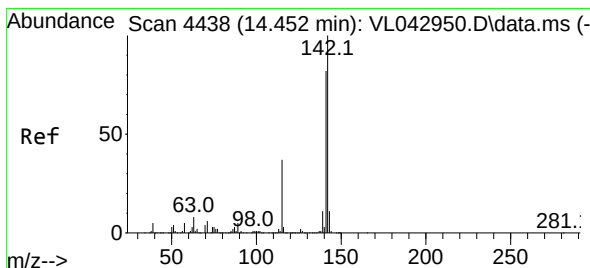
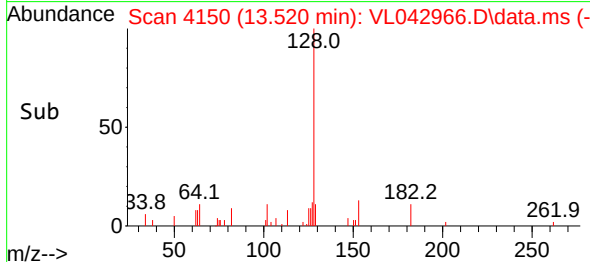
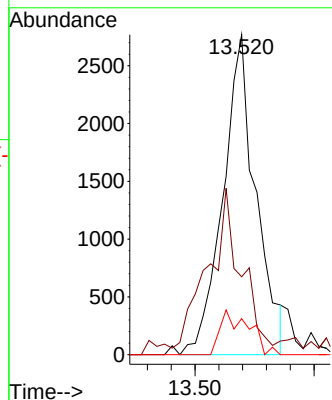
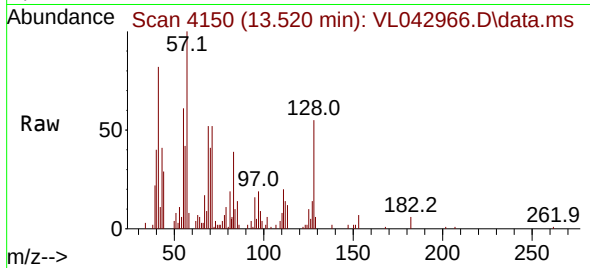




#79
Naphthalene
Concen: 0.048 ppbv
RT: 13.520 min Scan# 4147
Delta R.T. 0.009 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:128 Resp: 2652
Ion Ratio Lower Upper
128 100
127 20.6 10.6 15.8#
129 11.3 9.0 13.6



#80
Naphthalene,2-methyl-
Concen: 0.310 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.013 min
Lab File: VL042966.D
Acq: 22 Sep 2025 20:24

Tgt Ion:142 Resp: 5257
Ion Ratio Lower Upper
142 100
141 95.0 65.1 97.7
115 39.7 28.9 43.3

