

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
 Data File : VL042656.D
 Acq On : 19 Jun 2025 15:43
 Operator : SY/MD
 Sample : Q2368-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: Jun 20 01:39:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

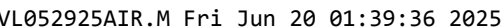
Internal Standards						
1) Bromochloromethane	2.800	49	107735	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	285711	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.901	117	262701	10.000	ppbv	0.01

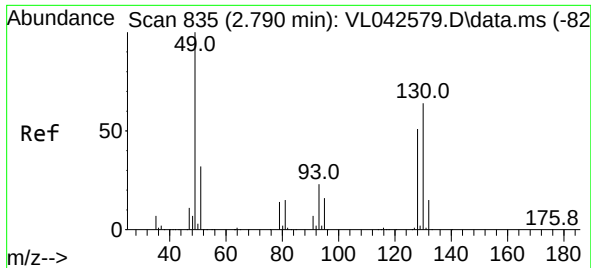
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	205423	10.431	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%

Target Compounds					Qvalue	
3) Chlorodifluoromethane	1.437	51	44257	2.427	ppbv #	61
7) Chloroethane	1.444	64	7676	3.699	ppbv #	64
9) Propene	1.489	41	916	0.125	ppbv	93
10) Heptane	5.004	43	3677	0.178	ppbv #	28
11) Trichlorofluoromethane	1.440	101	33747	2.739	ppbv #	18
13) Ethanol	1.725	45	1235	1.411	ppbv #	39
15) Acetone	1.842	43	8386	0.646	ppbv	93
16) 1,3-Butadiene	1.605	39	645	0.105	ppbv #	13
17) tert-Butyl alcohol	2.052	59	432	0.032	ppbv	98
19) Isopropyl Alcohol	1.894	45	681	0.088	ppbv #	1
20) Methylene Chloride	2.068	84	745	0.174	ppbv #	70
23) Vinyl Acetate	2.483	43	1456	0.083	ppbv #	49
25) Ethyl Acetate	2.835	43	18741	0.528	ppbv #	77
26) Hexane	2.839	57	26559	1.646	ppbv #	41
29) Chloroform	2.861	83	7328	0.349	ppbv	96
34) 2-Butanone	2.573	43	6215	0.305	ppbv	91
36) Benzene	3.674	78	1455	0.052	ppbv	98
39) 1,2-Dichloropropane	3.975	63	71209	6.844	ppbv #	22
41) Tetrahydrofuran	3.078	42	1828	0.153	ppbv	95
51) 2-Hexanone	7.470	43	8267	0.369	ppbv #	55
53) Toluene	6.959	91	10449	0.321	ppbv #	30
57) Chlorobenzene	8.888	112	1176	0.046	ppbv #	25
58) Ethyl Benzene	9.370	91	6074	0.136	ppbv #	78
59) m/p-Xylene	9.548	91	33246	0.948	ppbv	98
60) o-Xylene	9.982	91	15149	0.433	ppbv	93
62) Isopropylbenzene	10.552	105	3473	0.067	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.975	83	700	0.031	ppbv #	25
64) n-propylbenzene	11.001	120	1641	0.118	ppbv #	55
65) tert-Butylbenzene	11.898	119	1713	0.037	ppbv	89
67) sec-Butylbenzene	11.785	105	2256	0.034	ppbv	93
71) 2-Chlorotoluene	11.005	91	6449	0.164	ppbv	71
72) 4-Ethyltoluene	11.141	105	3286	0.075	ppbv #	57
73) 1,3,5-Trimethylbenzene	11.222	105	7448	0.206	ppbv #	78
74) 1,2,4-Trimethylbenzene	11.548	105	7057	0.176	ppbv #	66

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

Quant Time: Jun 20 01:39:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

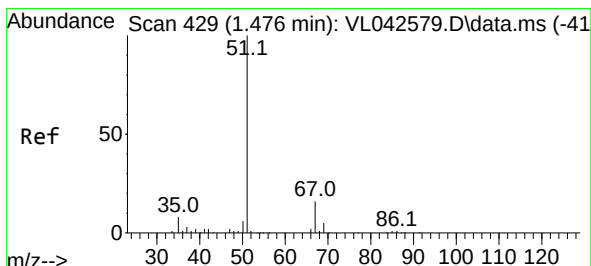
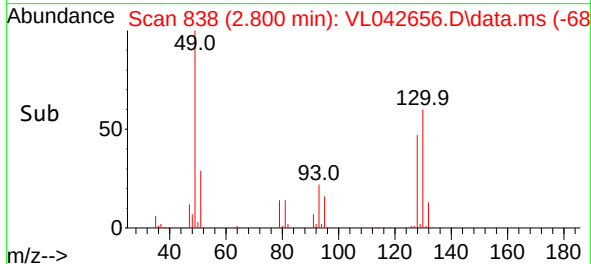
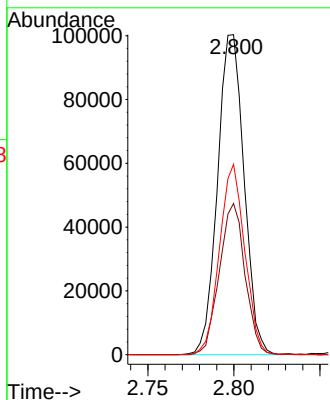
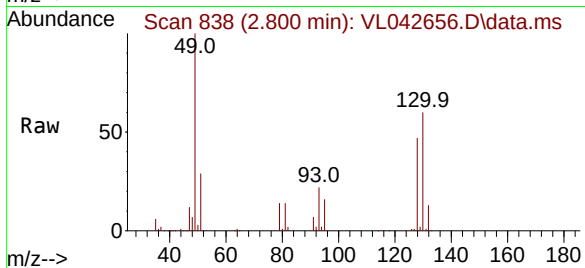




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

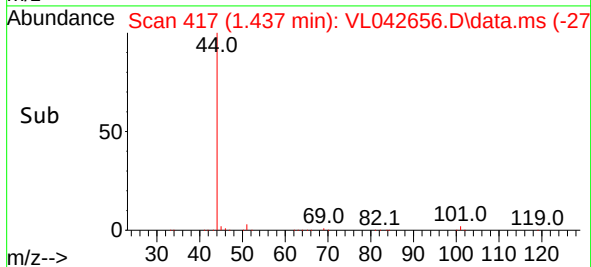
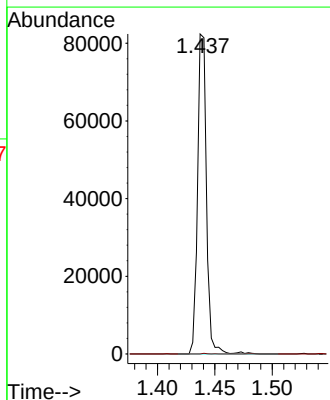
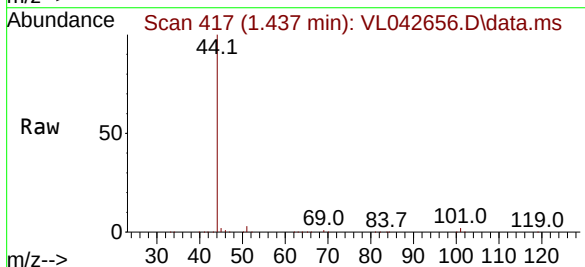
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

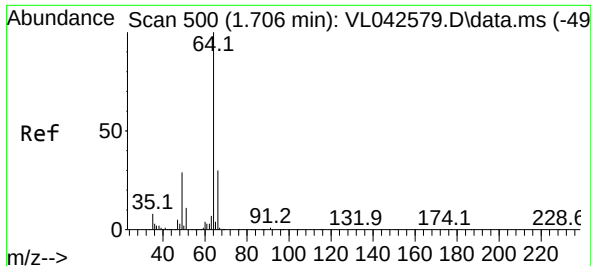
Tgt Ion: 49 Resp: 107735
Ion Ratio Lower Upper
49 100
128 45.7 24.2 72.6
130 56.8 30.4 91.2



#3
Chlorodifluoromethane
Concen: 2.427 ppbv
RT: 1.437 min Scan# 417
Delta R.T. -0.039 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion: 51 Resp: 44257
Ion Ratio Lower Upper
51 100
67 0.0 13.4 20.2#

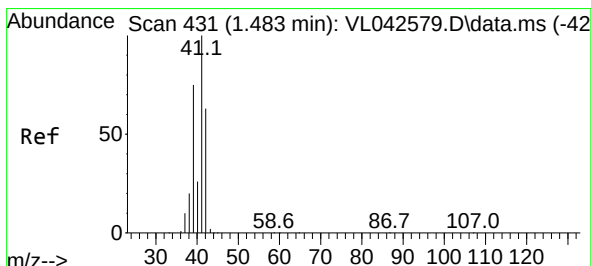
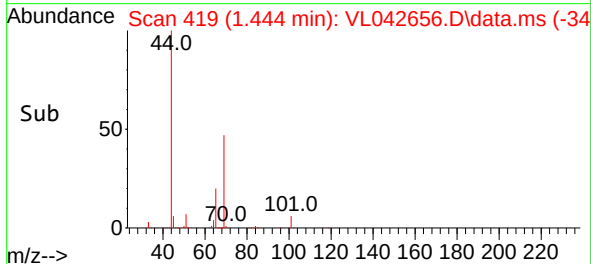
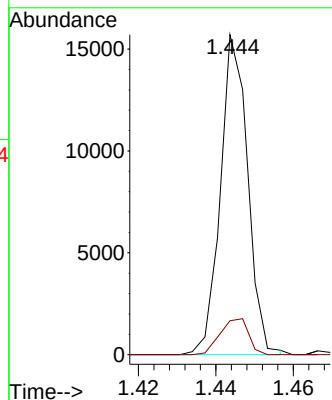
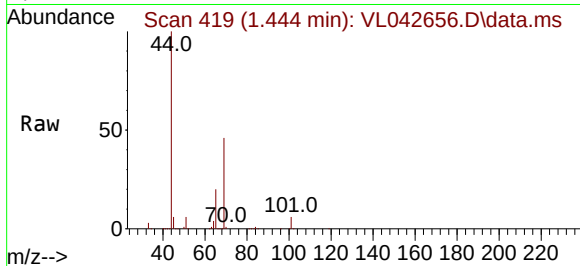




#7
Chloroethane
Concen: 3.699 ppbv
RT: 1.444 min Scan# 419
Delta R.T. -0.262 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

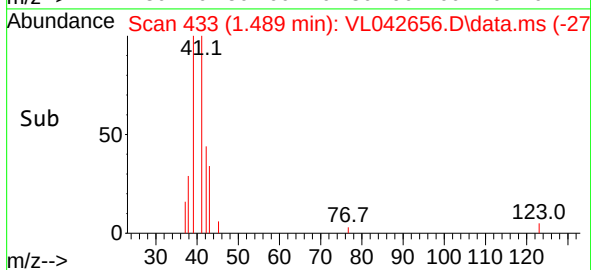
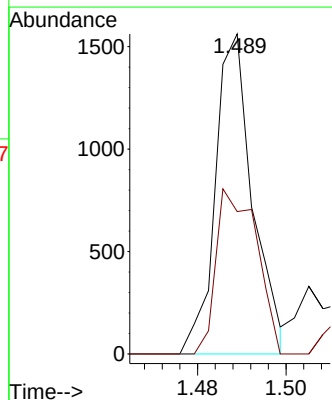
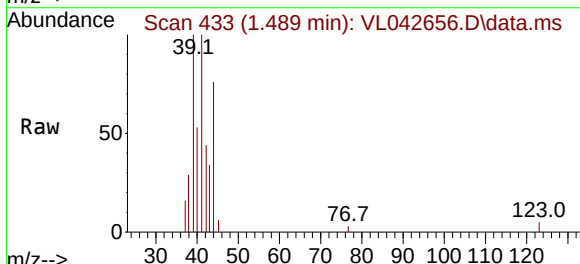
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

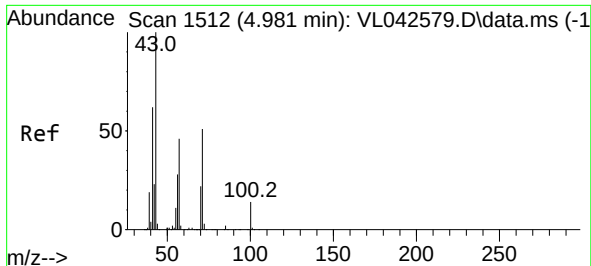
Tgt Ion: 64 Resp: 7676
Ion Ratio Lower Upper
64 100
66 10.6 24.3 36.5#



#9
Propene
Concen: 0.125 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.006 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion: 41 Resp: 916
Ion Ratio Lower Upper
41 100
42 71.9 53.3 79.9

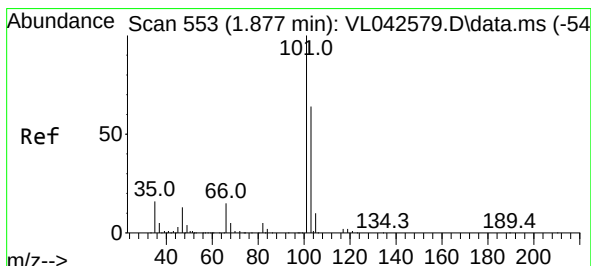
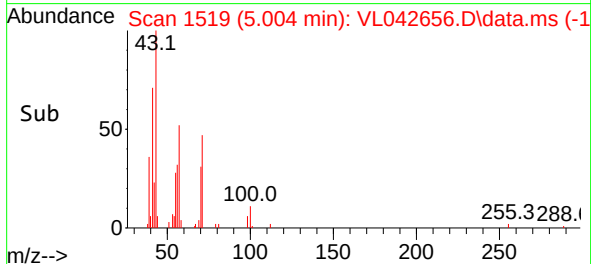
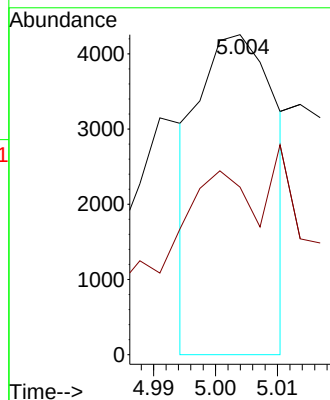
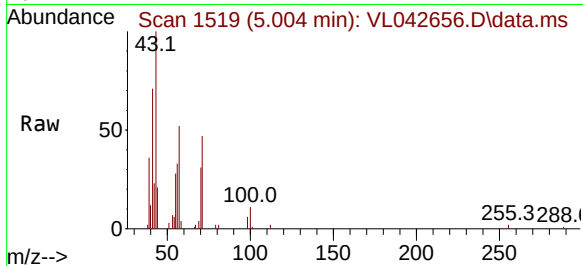




#10
Heptane
Concen: 0.178 ppbv
RT: 5.004 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

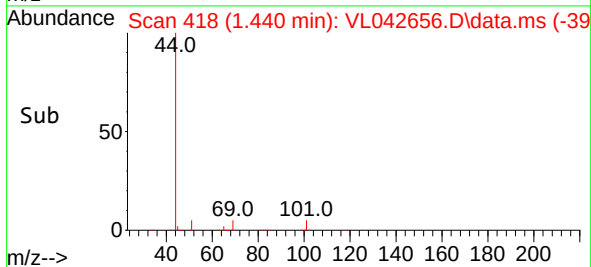
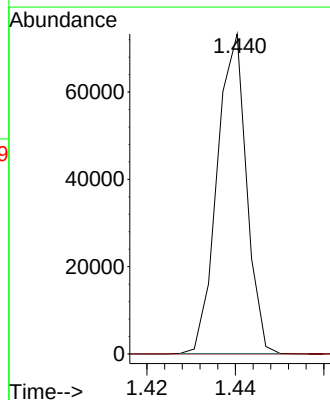
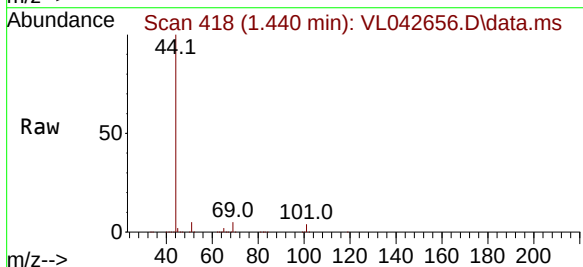
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

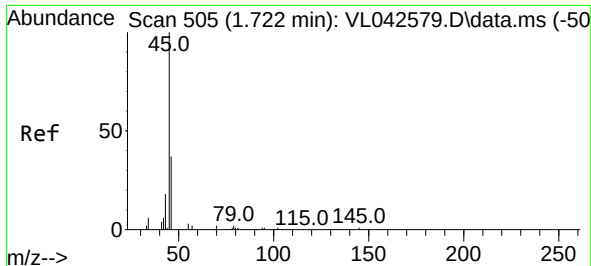
Tgt Ion: 43 Resp: 3677
Ion Ratio Lower Upper
43 100
57 0.0 38.9 58.3#



#11
Trichlorofluoromethane
Concen: 2.739 ppbv
RT: 1.440 min Scan# 418
Delta R.T. -0.437 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion:101 Resp: 33747
Ion Ratio Lower Upper
101 100
103 0.0 51.5 77.3#

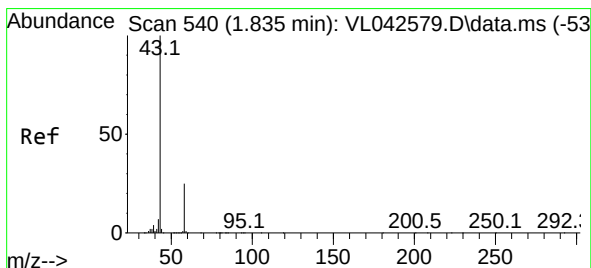
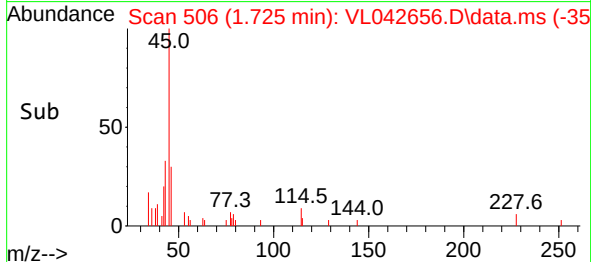
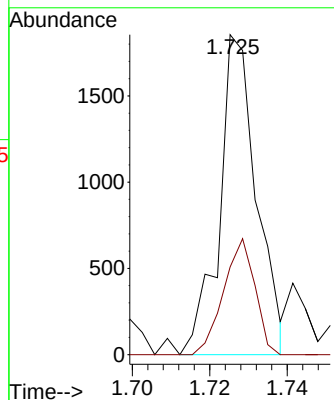
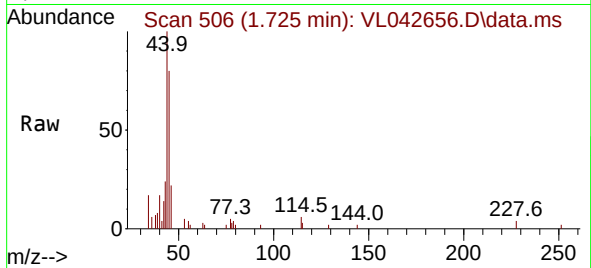




#13
 Ethanol
 Concen: 1.411 ppbv
 RT: 1.725 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL042656.D
 Acq: 19 Jun 2025 15:43

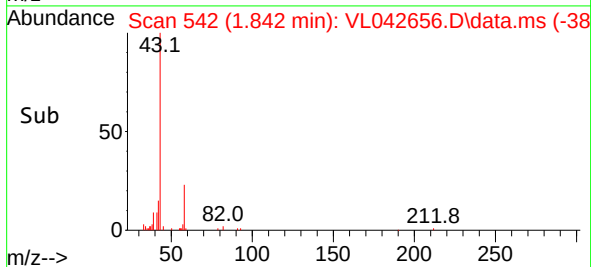
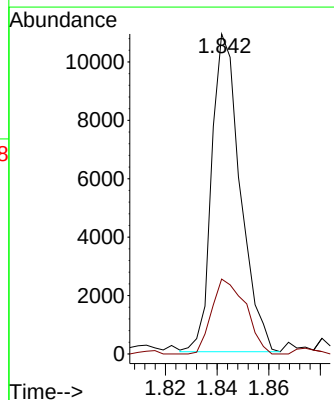
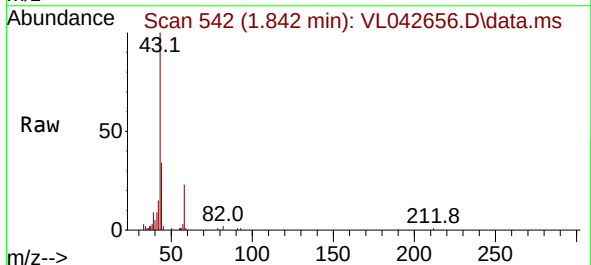
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

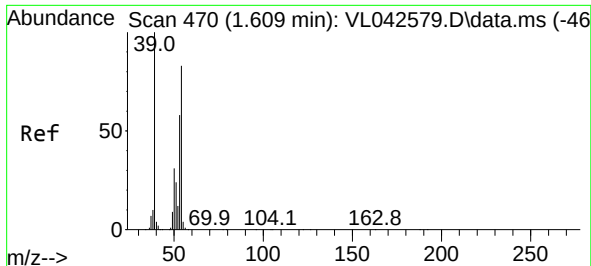
Tgt Ion: 45 Resp: 1235
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.5 58.1#



#15
 Acetone
 Concen: 0.646 ppbv
 RT: 1.842 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: VL042656.D
 Acq: 19 Jun 2025 15:43

Tgt Ion: 43 Resp: 8386
 Ion Ratio Lower Upper
 43 100
 58 29.8 21.0 31.4





#16

1,3-Butadiene

Concen: 0.105 ppbv

RT: 1.605 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Instrument :

MSVOA_L

ClientSampleId :

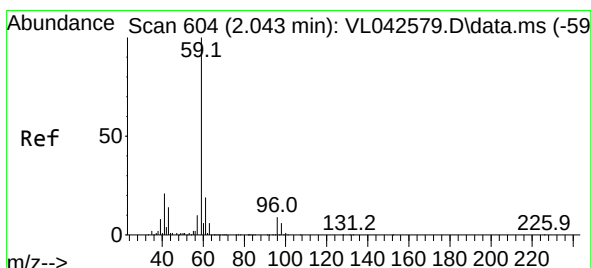
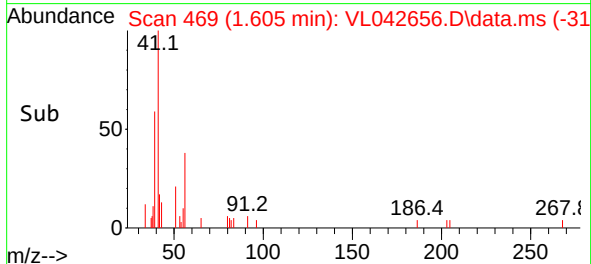
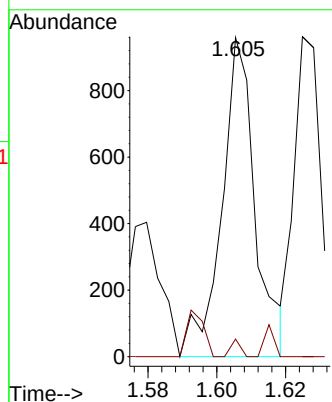
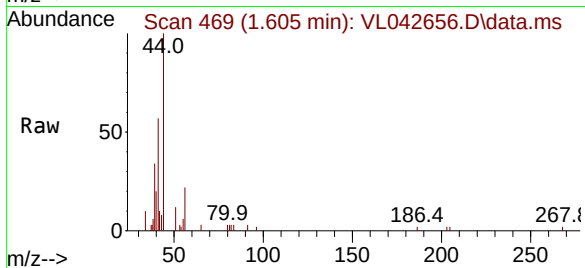
SV1DL

Tgt Ion: 39 Resp: 645

Ion Ratio Lower Upper

39 100

54 0.0 57.9 86.9#



#17

tert-Butyl alcohol

Concen: 0.032 ppbv

RT: 2.052 min Scan# 607

Delta R.T. 0.010 min

Lab File: VL042656.D

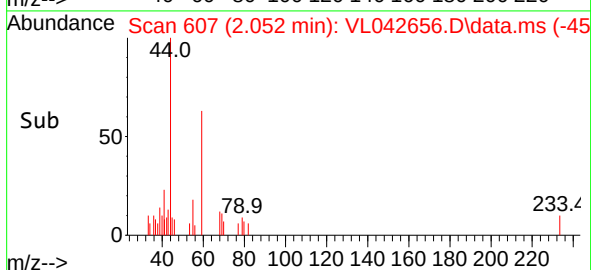
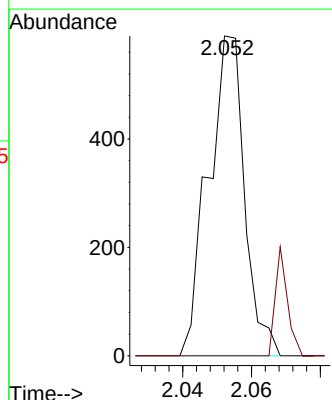
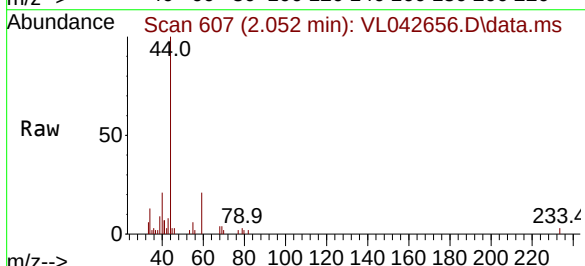
Acq: 19 Jun 2025 15:43

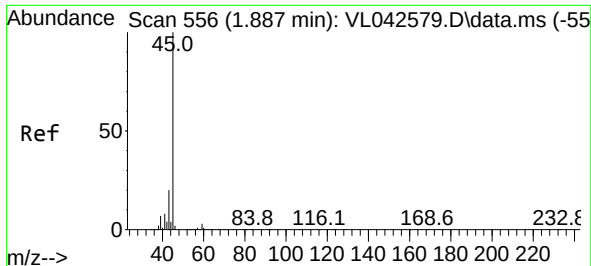
Tgt Ion: 59 Resp: 432

Ion Ratio Lower Upper

59 100

57 11.3 8.6 12.8





#19

Isopropyl Alcohol

Concen: 0.088 ppbv

RT: 1.894 min Scan# 5

Delta R.T. 0.006 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Instrument :

MSVOA_L

ClientSampleId :

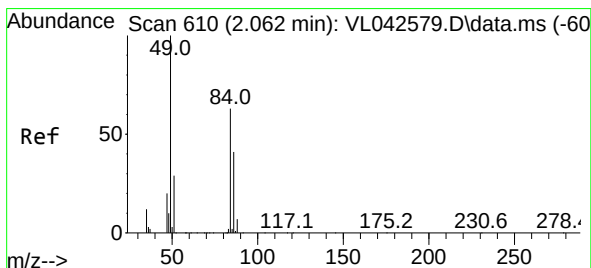
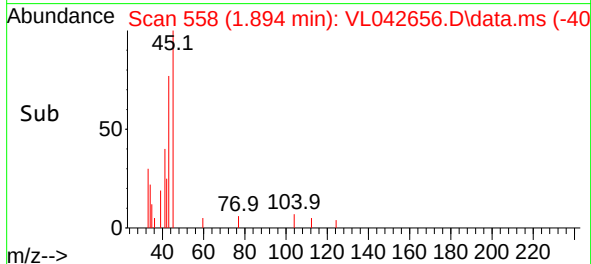
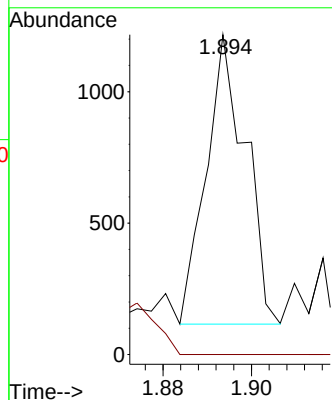
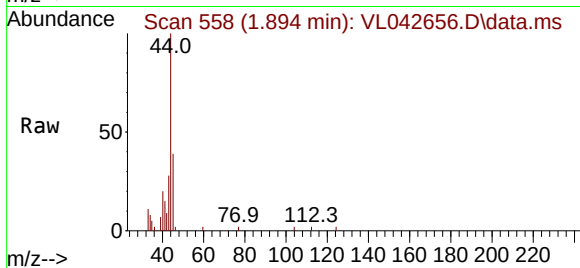
SV1DL

Tgt Ion: 45 Resp: 681

Ion Ratio Lower Upper

45 100

58 367.5 29.4 44.2#



#20

Methylene Chloride

Concen: 0.174 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.006 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Tgt Ion: 84 Resp: 745

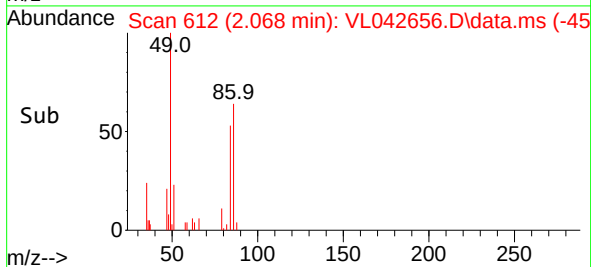
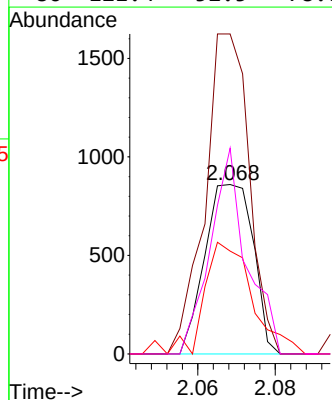
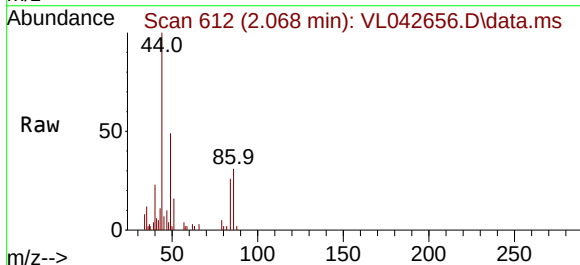
Ion Ratio Lower Upper

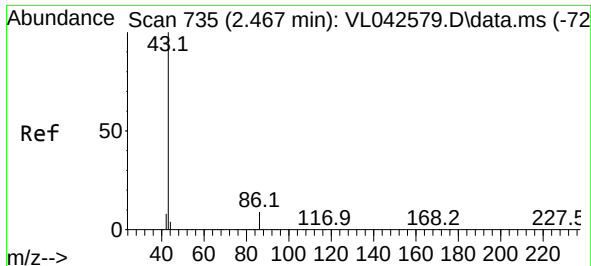
84 100

49 188.8 128.8 193.2

51 50.1 38.6 57.8

86 121.4 52.5 78.7#

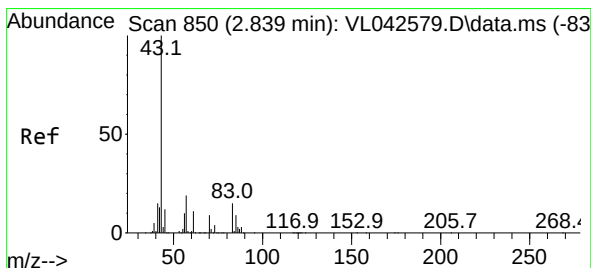
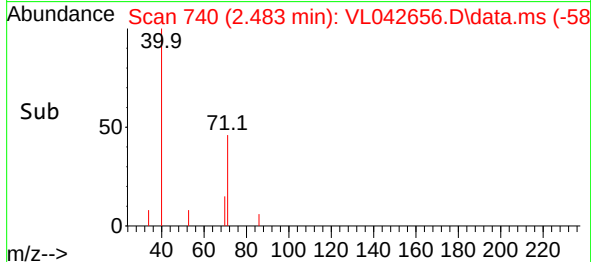
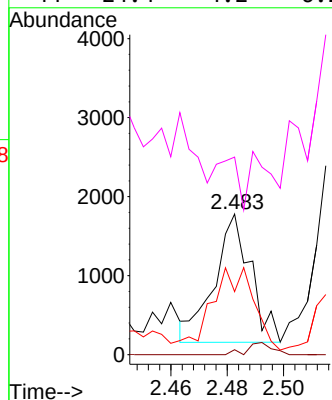
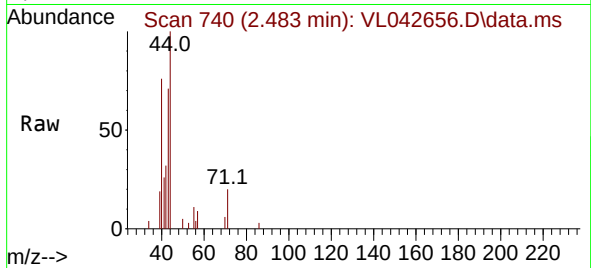




#23
 Vinyl Acetate
 Concen: 0.083 ppbv
 RT: 2.483 min Scan# 740
 Delta R.T. 0.016 min
 Lab File: VL042656.D
 Acq: 19 Jun 2025 15:43

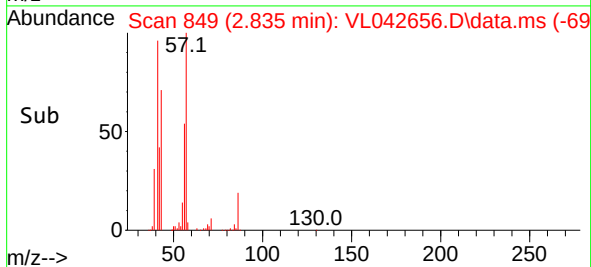
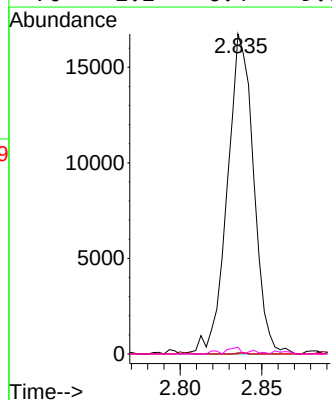
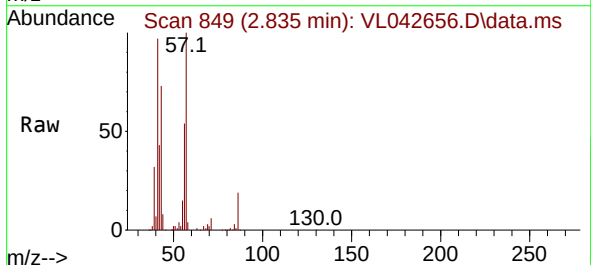
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

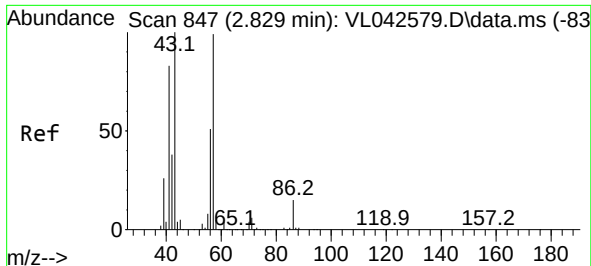
Tgt Ion:	43	Resp:	1456
Ion	Ratio	Lower	Upper
43	100		
86	3.9	6.6	9.8#
42	38.2	7.0	10.4#
44	24.4	4.2	6.2#



#25
 Ethyl Acetate
 Concen: 0.528 ppbv
 RT: 2.835 min Scan# 849
 Delta R.T. -0.003 min
 Lab File: VL042656.D
 Acq: 19 Jun 2025 15:43

Tgt Ion:	43	Resp:	18741
Ion	Ratio	Lower	Upper
43	100		
45	0.2	8.2	12.2#
61	0.0	7.1	10.7#
70	2.2	6.4	9.6#

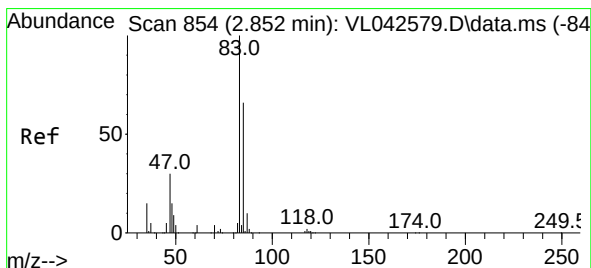
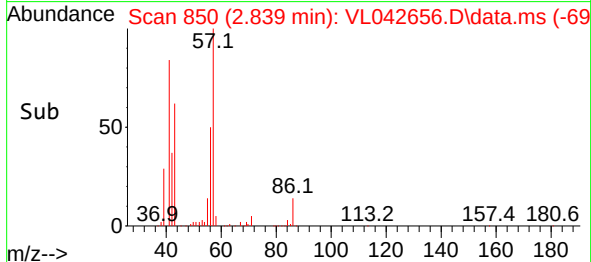
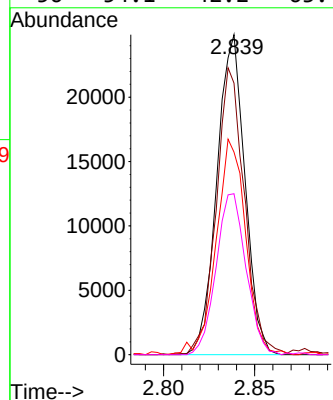
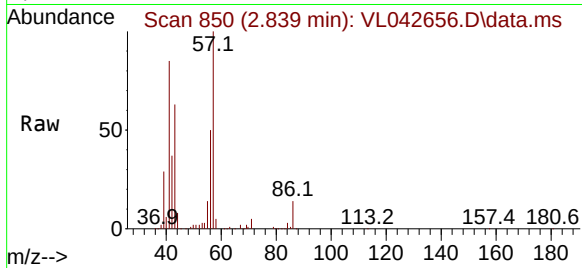




#26
Hexane
Concen: 1.646 ppbv
RT: 2.839 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

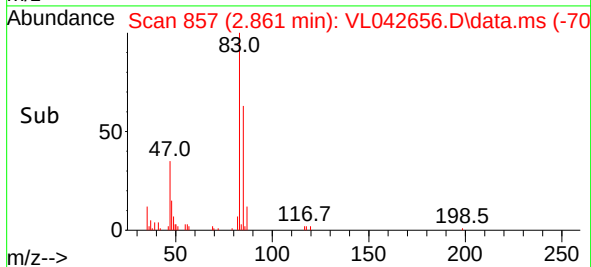
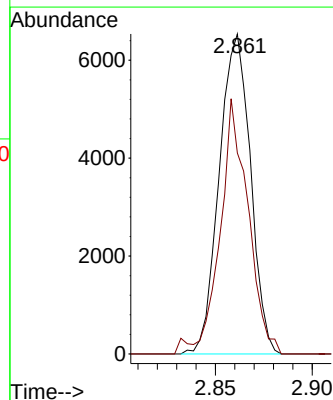
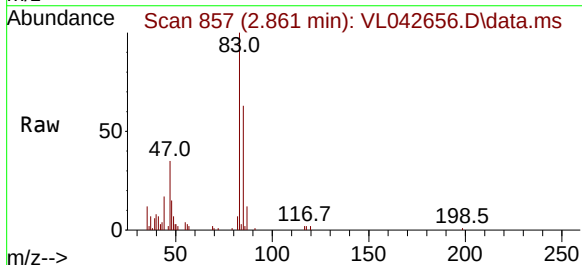
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

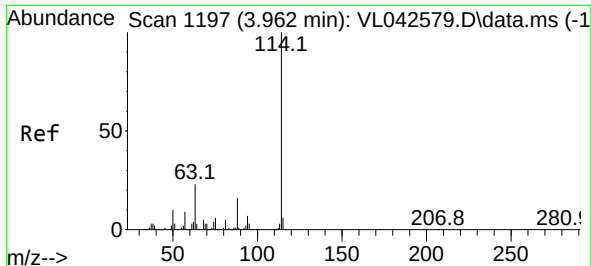
Tgt Ion: 57 Resp: 26559
Ion Ratio Lower Upper
57 100
41 92.1 70.6 106.0
43 71.7 181.1 271.7#
56 54.1 42.2 63.4



#29
Chloroform
Concen: 0.349 ppbv
RT: 2.861 min Scan# 857
Delta R.T. 0.010 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion: 83 Resp: 7328
Ion Ratio Lower Upper
83 100
85 62.8 52.8 79.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 1197

Delta R.T. 0.013 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

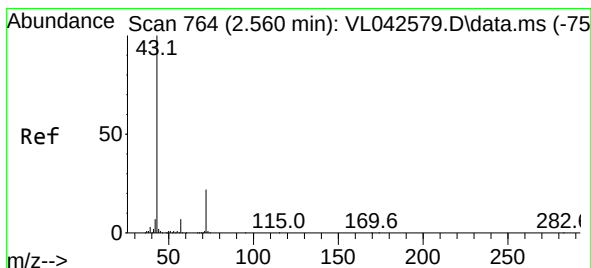
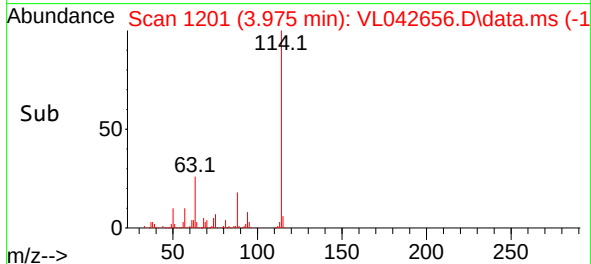
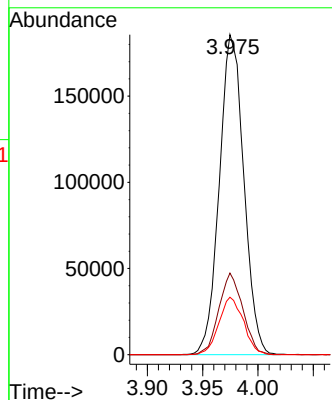
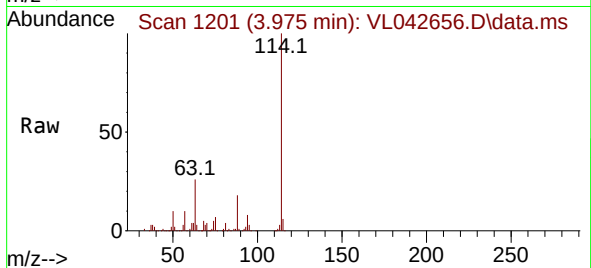
Tgt Ion:114 Resp: 285711

Ion Ratio Lower Upper

114 100

63 25.0 19.0 28.6

88 18.0 13.6 20.4



#34

2-Butanone

Concen: 0.305 ppbv

RT: 2.573 min Scan# 768

Delta R.T. 0.013 min

Lab File: VL042656.D

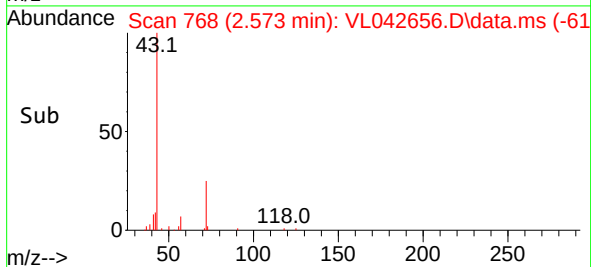
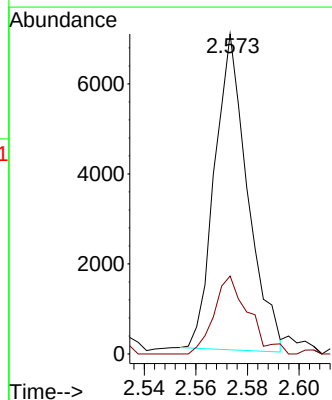
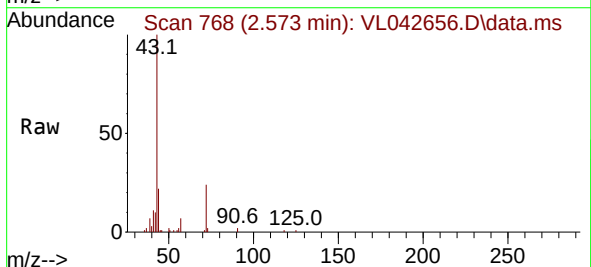
Acq: 19 Jun 2025 15:43

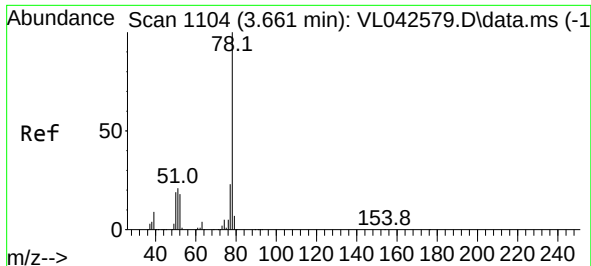
Tgt Ion: 43 Resp: 6215

Ion Ratio Lower Upper

43 100

72 26.3 17.7 26.5

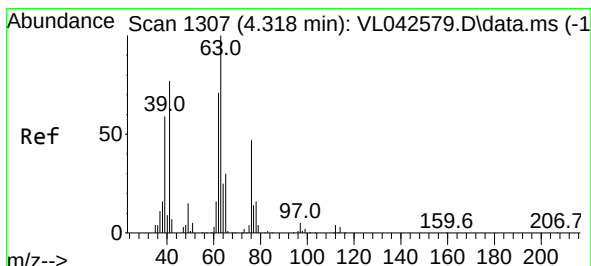
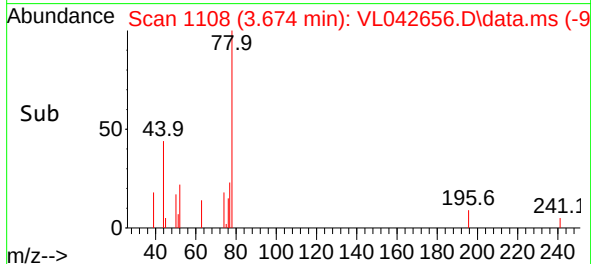
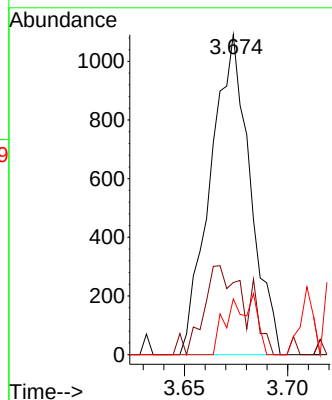
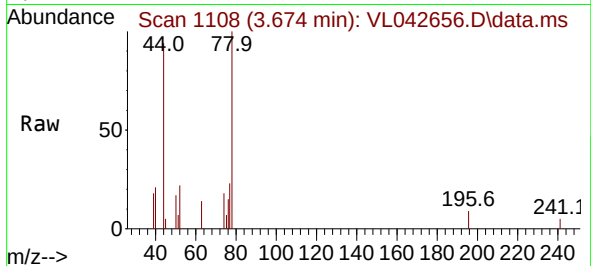




#36
Benzene
Concen: 0.052 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.013 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

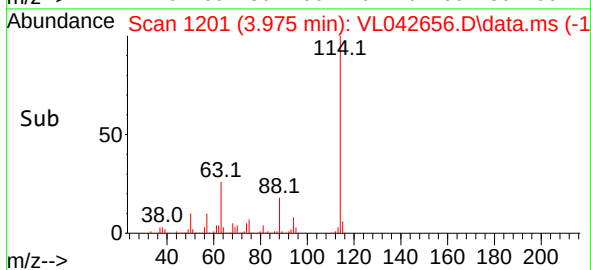
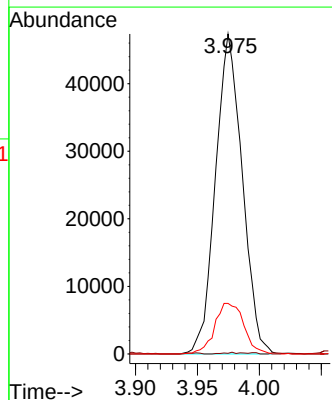
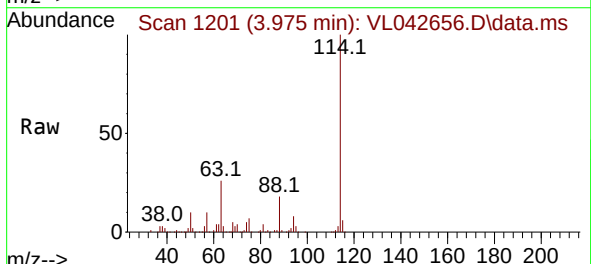
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

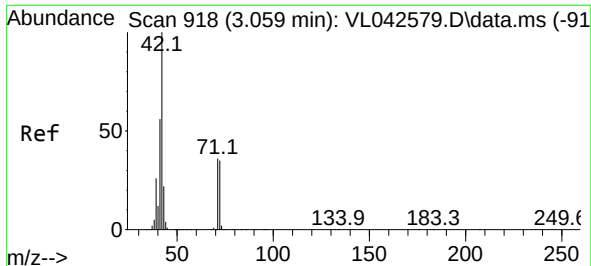
Tgt Ion: 78 Resp: 1455
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 17.4 15.2 22.8



#39
1,2-Dichloropropane
Concen: 6.844 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.343 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion: 63 Resp: 71209
Ion Ratio Lower Upper
63 100
41 0.2 61.8 92.6#
62 15.8 56.6 85.0#

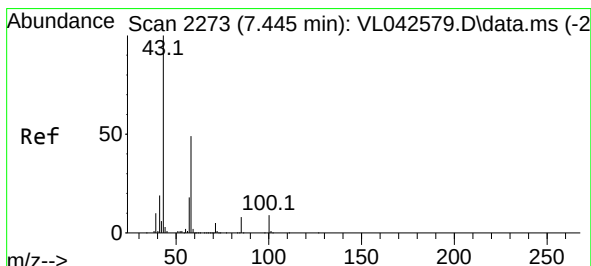
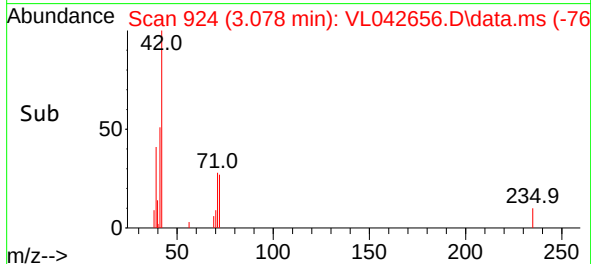
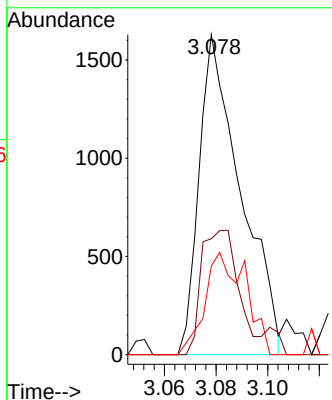
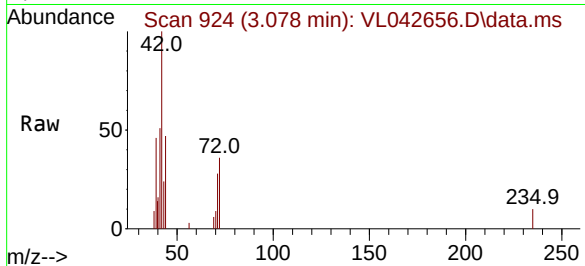




#41
Tetrahydrofuran
Concen: 0.153 ppbv
RT: 3.078 min Scan# 918
Delta R.T. 0.019 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

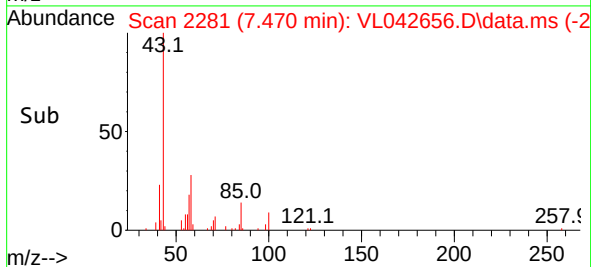
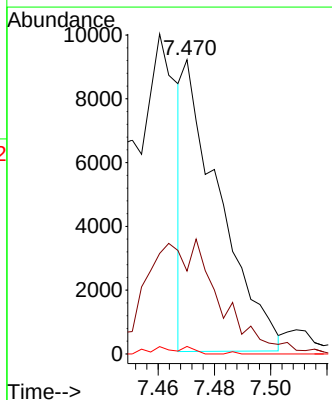
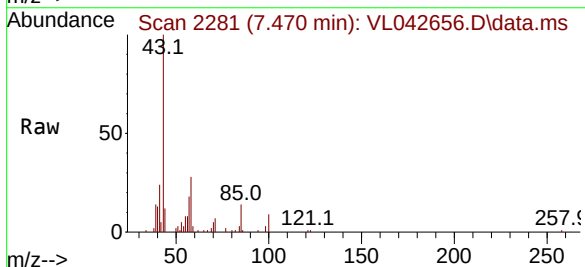
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

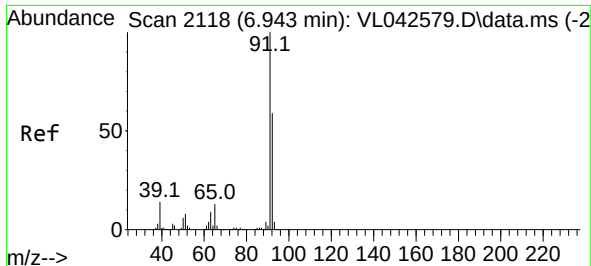
Tgt Ion:	42	Resp:	1828
Ion	Ratio	Lower	Upper
42	100		
72	37.7	28.9	43.3
71	31.2	28.5	42.7



#51
2-Hexanone
Concen: 0.369 ppbv
RT: 7.470 min Scan# 2281
Delta R.T. 0.026 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion:	43	Resp:	8267
Ion	Ratio	Lower	Upper
43	100		
58	81.0	39.9	59.9#
98	3.1	0.1	0.1#

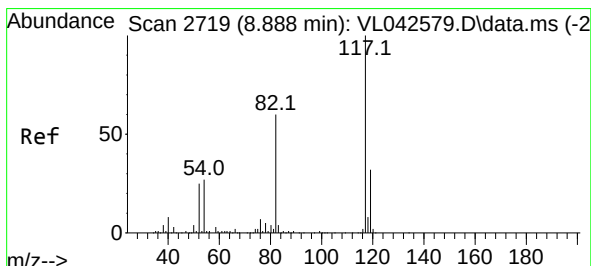
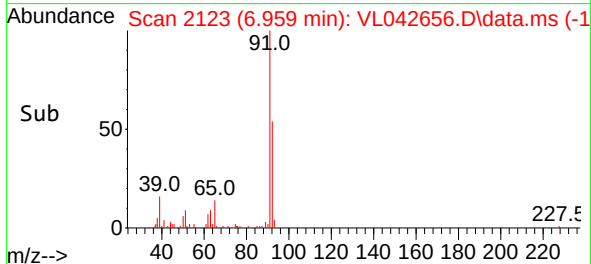
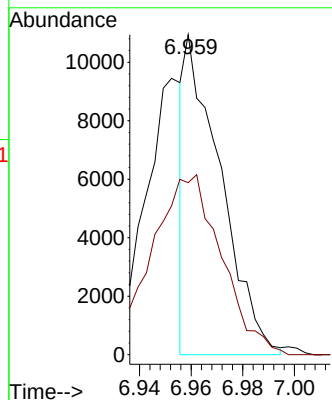
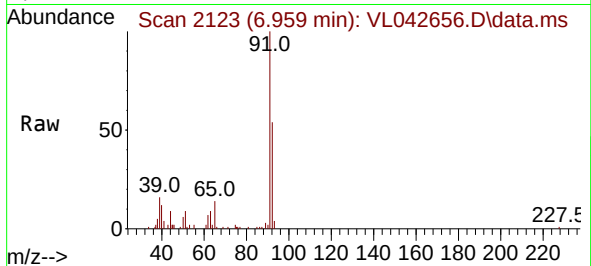




#53
Toluene
Concen: 0.321 ppbv
RT: 6.959 min Scan# 2118
Delta R.T. 0.016 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

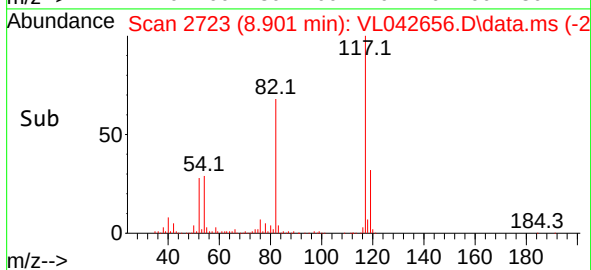
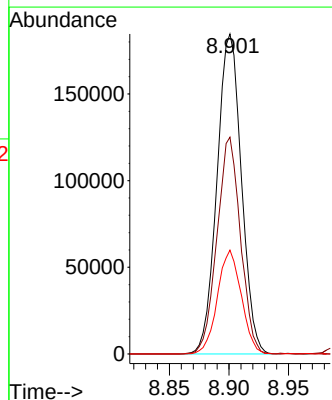
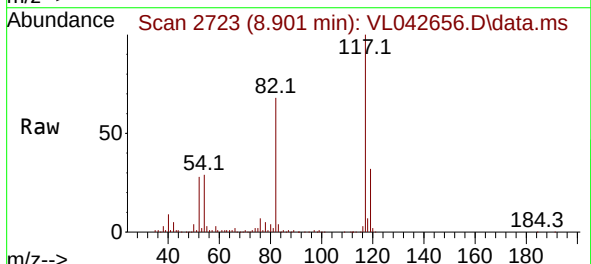
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

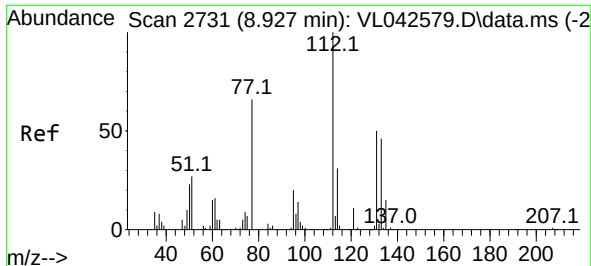
Tgt Ion: 91 Resp: 10449
Ion Ratio Lower Upper
91 100
92 113.7 48.2 72.4#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.013 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion: 117 Resp: 262701
Ion Ratio Lower Upper
117 100
82 65.3 51.2 76.8
119 31.8 26.3 39.5

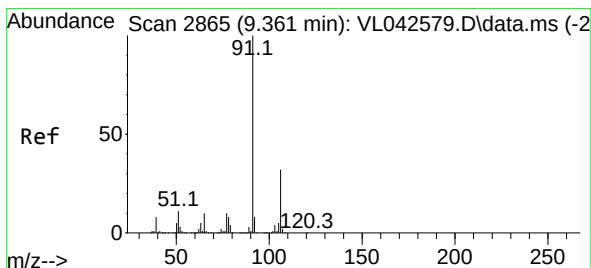
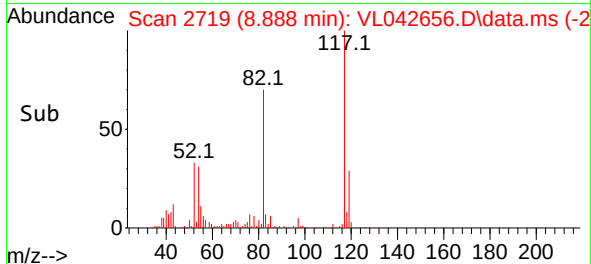
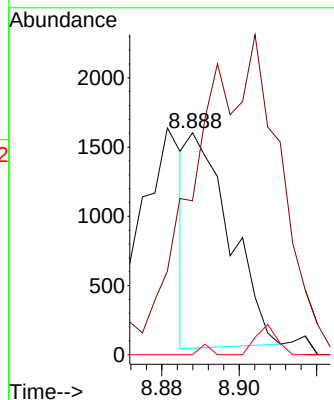
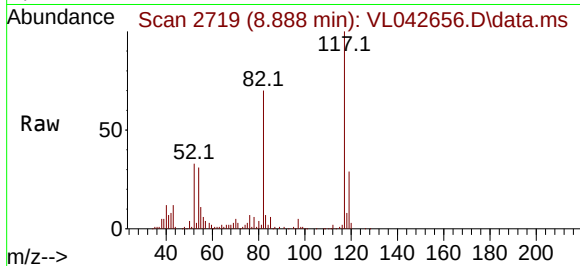




#57
Chlorobenzene
Concen: 0.046 ppbv
RT: 8.888 min Scan# 21176
Delta R.T. -0.039 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

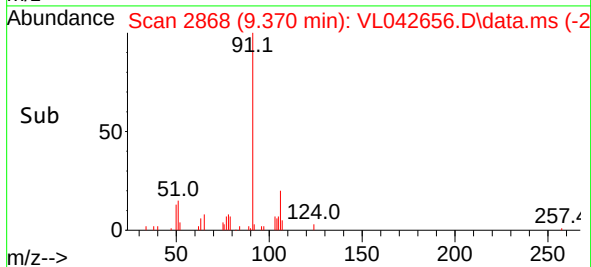
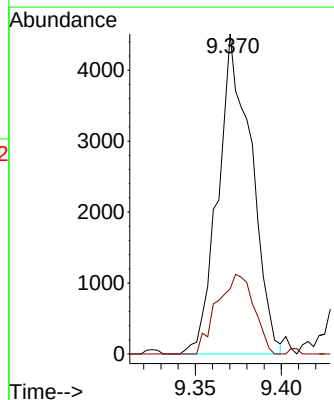
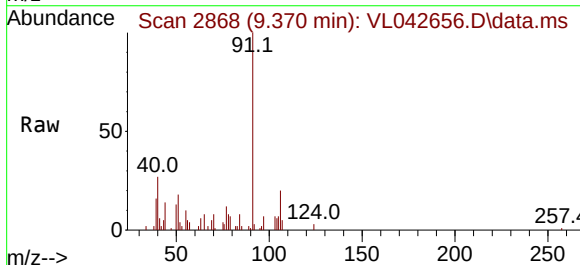
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

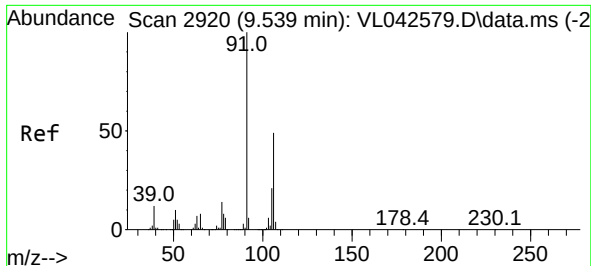
Tgt Ion	Ratio	Lower	Upper
112	100		
77	0.0	53.5	80.3#
114	0.0	27.8	34.0#



#58
Ethyl Benzene
Concen: 0.136 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.010 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	20.3	25.9	38.9#





#59

m/p-Xylene

Concen: 0.948 ppbv

RT: 9.548 min Scan# 2920

Delta R.T. 0.010 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Instrument :

MSVOA_L

ClientSampleId :

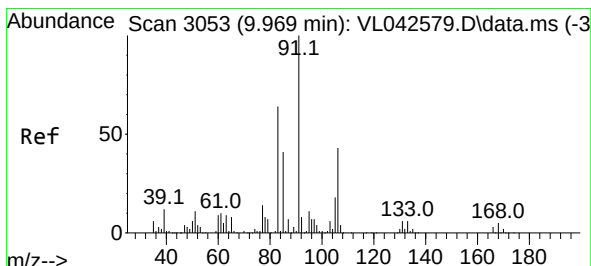
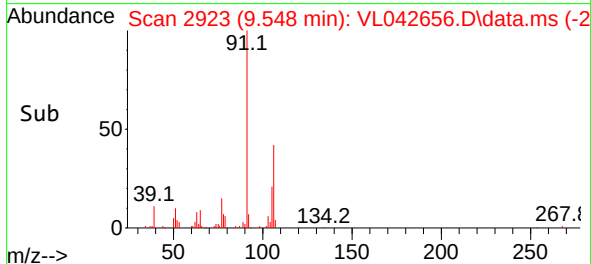
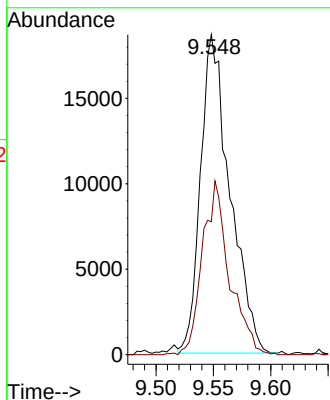
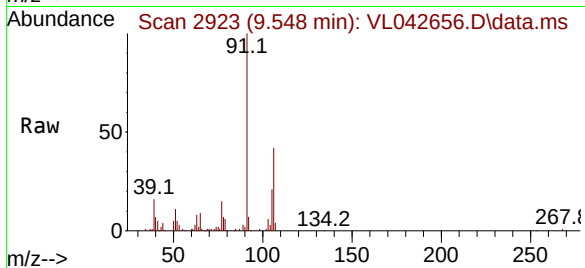
SV1DL

Tgt Ion: 91 Resp: 33246

Ion Ratio Lower Upper

91 100

106 50.2 38.8 58.2



#60

o-Xylene

Concen: 0.433 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. 0.013 min

Lab File: VL042656.D

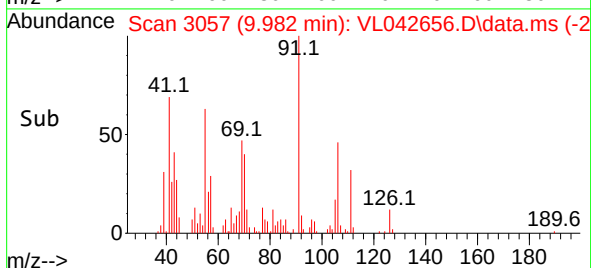
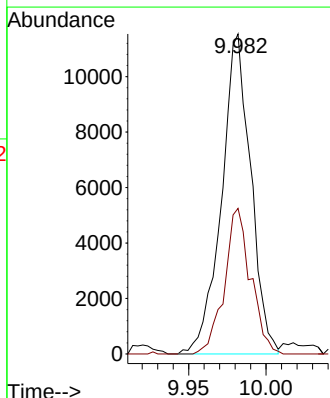
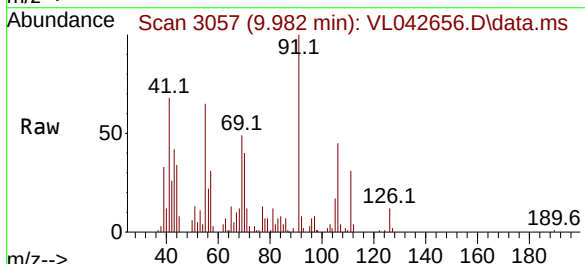
Acq: 19 Jun 2025 15:43

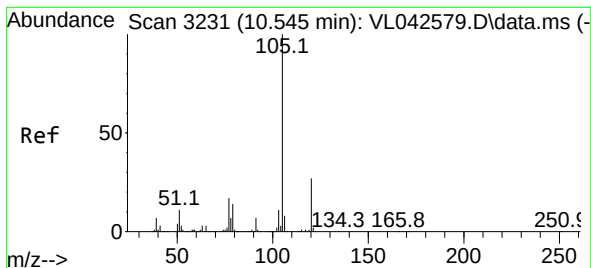
Tgt Ion: 91 Resp: 15149

Ion Ratio Lower Upper

91 100

106 40.8 22.9 68.5





#62

Isopropylbenzene

Concen: 0.067 ppbv

RT: 10.552 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Instrument :

MSVOA_L

ClientSampleId :

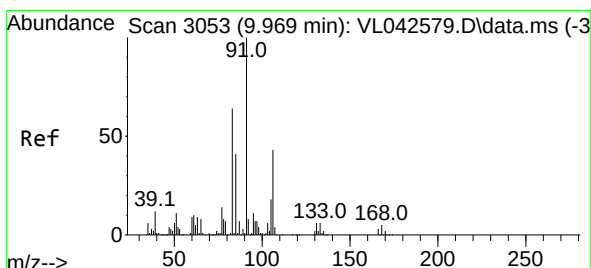
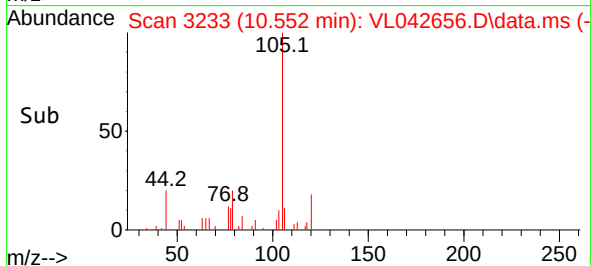
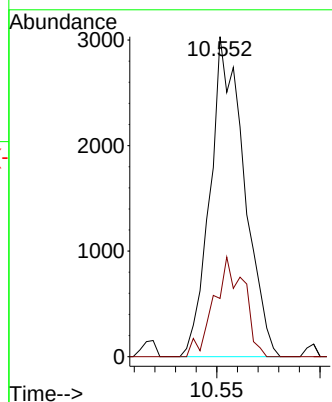
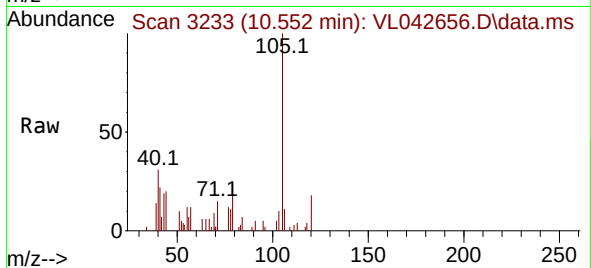
SV1DL

Tgt Ion:105 Resp: 3473

Ion Ratio Lower Upper

105 100

120 27.6 20.9 31.3



#63

1,1,2,2-Tetrachloroethane

Concen: 0.031 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. 0.006 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

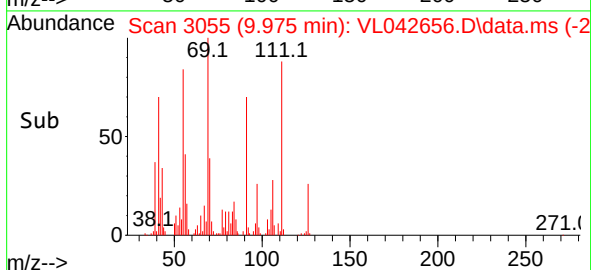
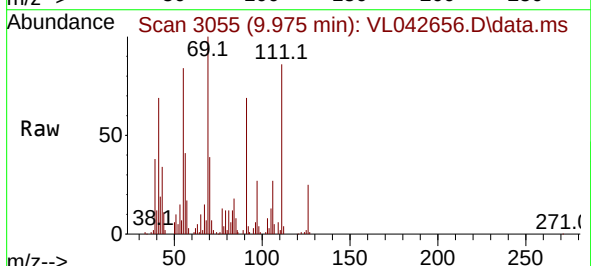
Tgt Ion: 83 Resp: 700

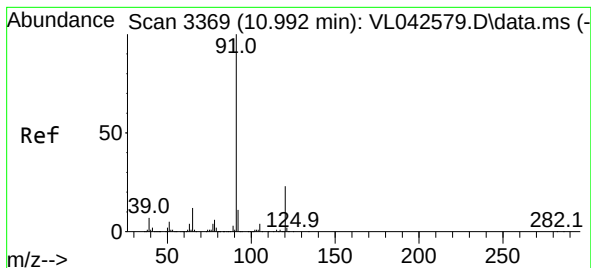
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.5 97.4#

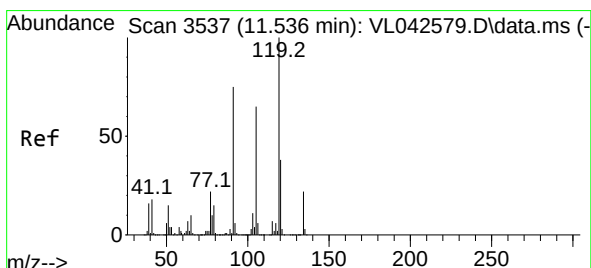
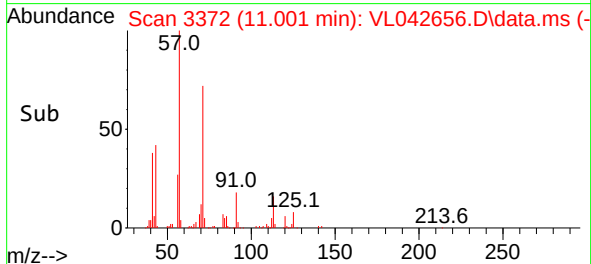
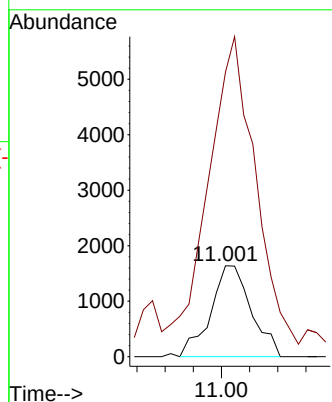
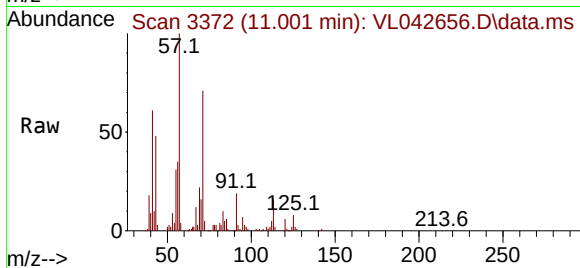




#64
n-propylbenzene
Concen: 0.118 ppbv
RT: 11.001 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

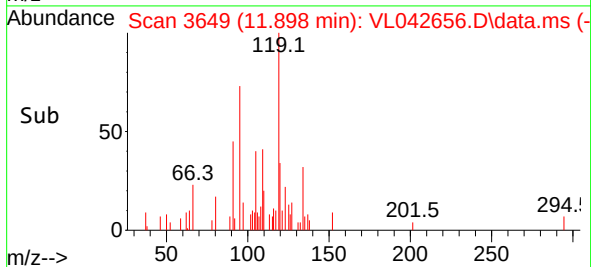
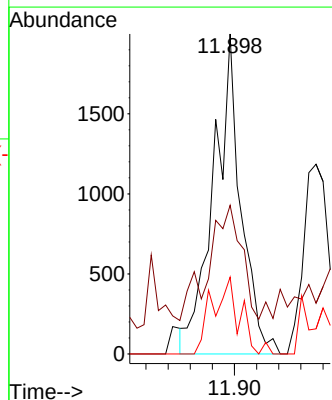
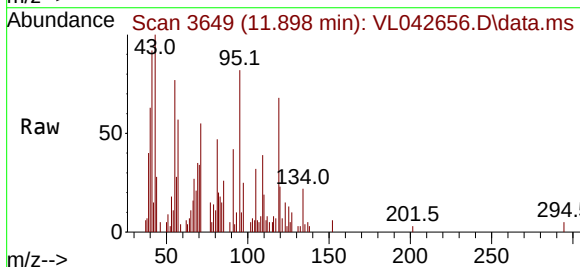
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

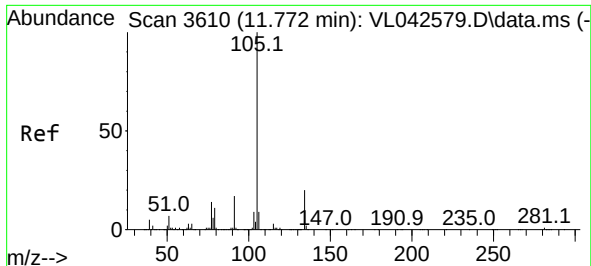
Tgt Ion:120 Resp: 1641
Ion Ratio Lower Upper
120 100
91 569.6 363.0 544.6#



#65
tert-Butylbenzene
Concen: 0.037 ppbv
RT: 11.898 min Scan# 3649
Delta R.T. 0.362 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion:119 Resp: 1713
Ion Ratio Lower Upper
119 100
91 87.0 61.1 91.7
134 24.2 17.4 26.2





#67

sec-Butylbenzene

Concen: 0.034 ppbv

RT: 11.785 min Scan# 3

Delta R.T. 0.013 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Instrument :

MSVOA_L

ClientSampleId :

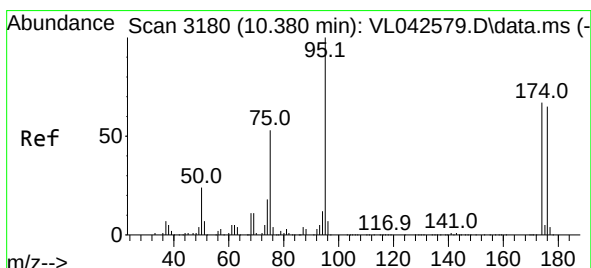
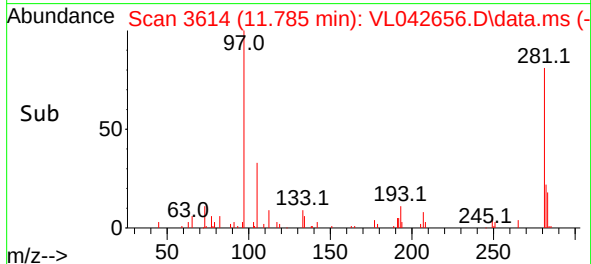
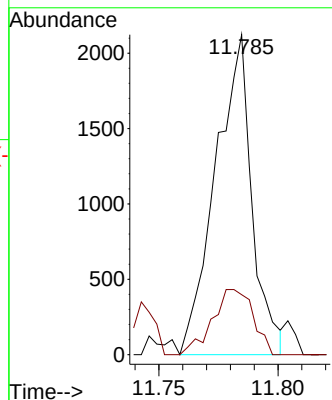
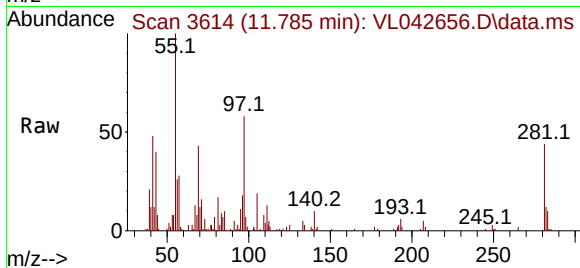
SV1DL

Tgt Ion:105 Resp: 2256

Ion Ratio Lower Upper

105 100

134 22.8 15.8 23.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.431 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. 0.010 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

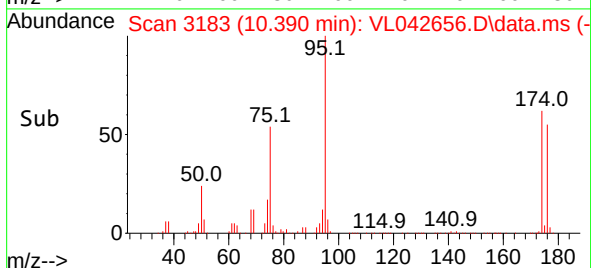
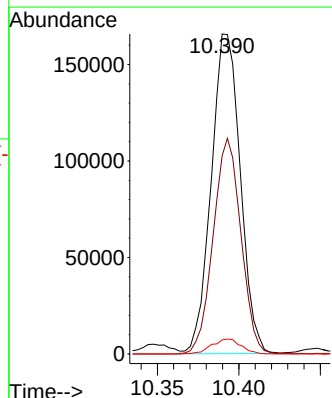
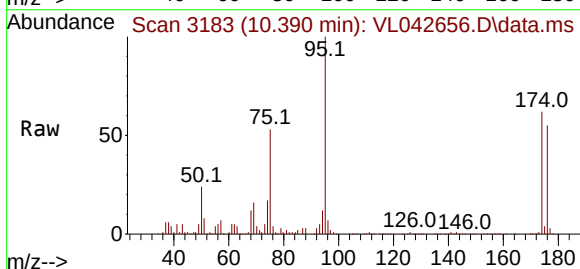
Tgt Ion: 95 Resp: 205423

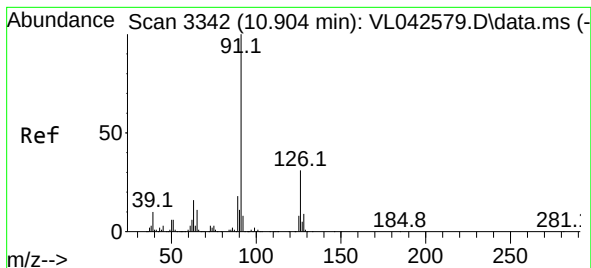
Ion Ratio Lower Upper

95 100

174 64.4 53.1 79.7

175 4.7 4.2 6.2

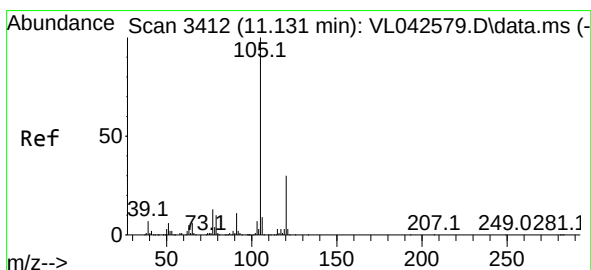
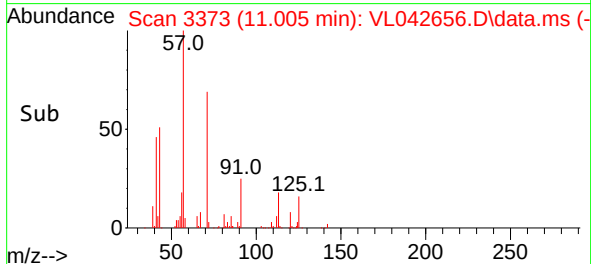
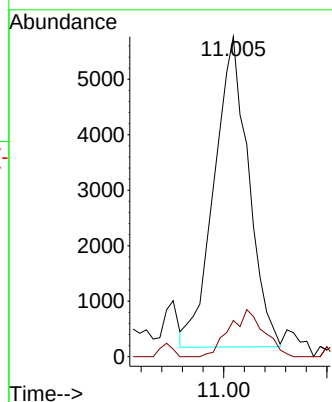
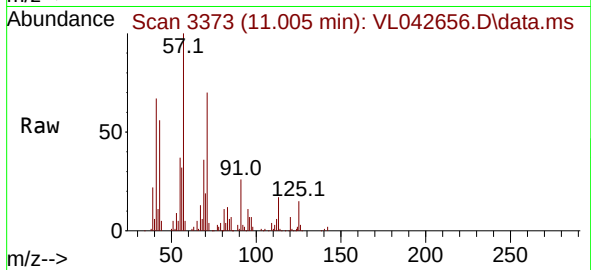




#71
2-Chlorotoluene
Concen: 0.164 ppbv
RT: 11.005 min Scan# 311
Delta R.T. 0.100 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

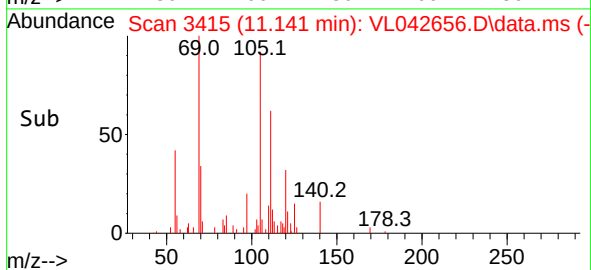
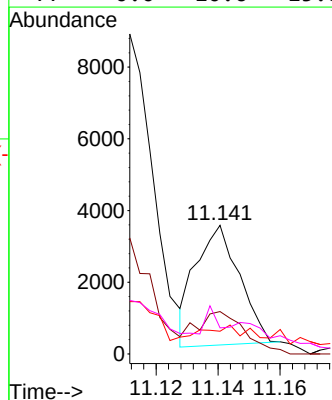
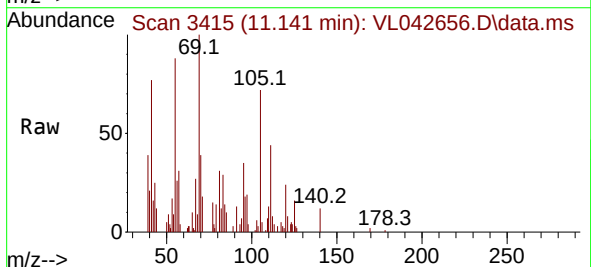
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

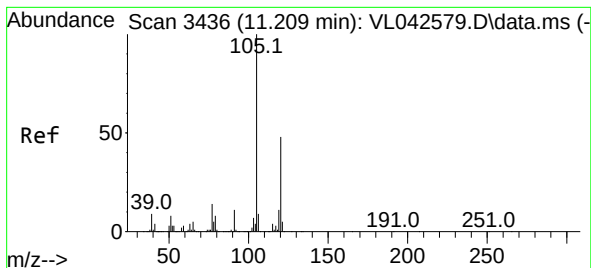
Tgt Ion: 91 Resp: 6449
Ion Ratio Lower Upper
91 100
126 15.3 12.6 50.4



#72
4-Ethyltoluene
Concen: 0.075 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.010 min
Lab File: VL042656.D
Acq: 19 Jun 2025 15:43

Tgt Ion: 105 Resp: 3286
Ion Ratio Lower Upper
105 100
120 0.0 24.6 36.8#
91 20.5 9.6 14.4#
77 0.0 10.6 15.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.206 ppbv

RT: 11.222 min Scan# 3436

Delta R.T. 0.013 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Instrument :

MSVOA_L

ClientSampleId :

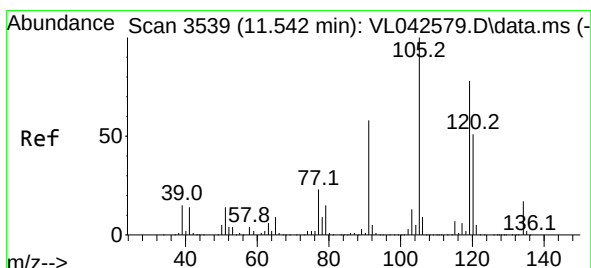
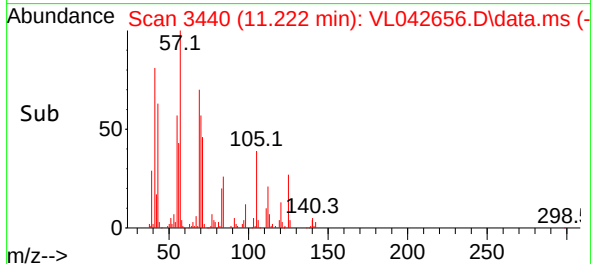
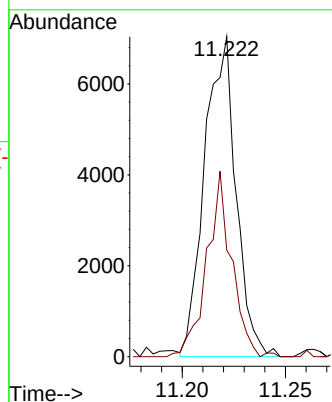
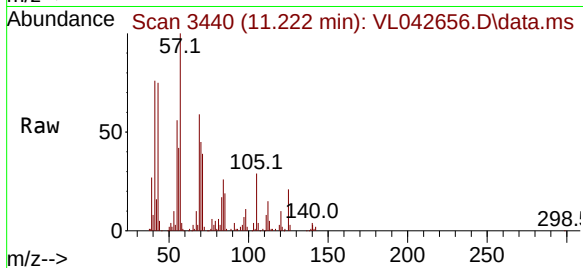
SV1DL

Tgt Ion:105 Resp: 7448

Ion Ratio Lower Upper

105 100

120 33.3 38.8 58.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.176 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. 0.006 min

Lab File: VL042656.D

Acq: 19 Jun 2025 15:43

Tgt Ion:105 Resp: 7057

Ion Ratio Lower Upper

105 100

120 47.0 40.8 61.2

91 11.5 46.8 70.2#

77 11.9 18.2 27.2#

