

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111925\
 Data File : VL043235.D
 Acq On : 19 Nov 2025 12:43
 Operator : SY/MD
 Sample : Q3626-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 9A-SG-1

Quant Time: Nov 20 00:03:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

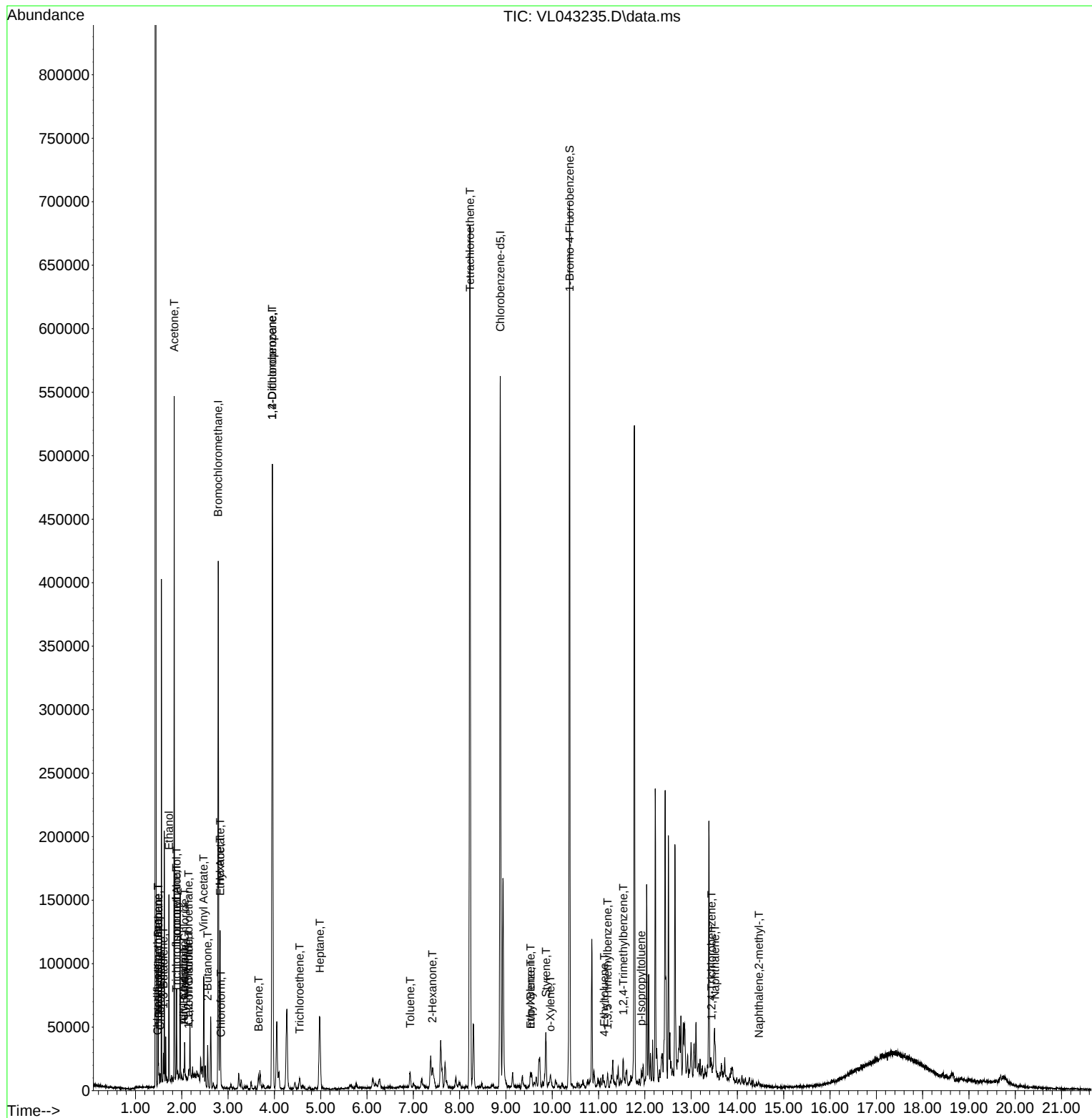
Internal Standards						
1) Bromochloromethane	2.787	49	106377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	292792	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	229139	10.000	ppbv	0.00

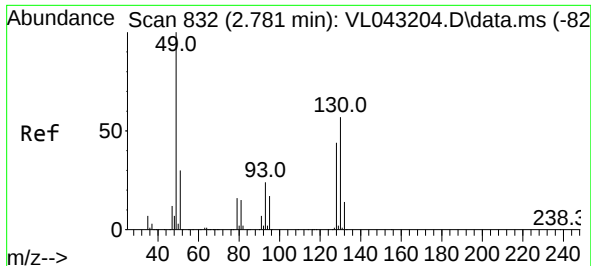
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	172437	10.267	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	3925	0.262	ppbv	99
3) Chlorodifluoromethane	1.476	51	3029	0.205	ppbv #	83
4) Chloromethane	1.532	50	1622	0.289	ppbv #	88
9) Propene	1.486	41	11523	1.839	ppbv #	1
10) Heptane	4.982	43	24157	1.295	ppbv	94
11) Trichlorofluoromethane	1.881	101	1771	0.122	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	556	0.049	ppbv #	77
13) Ethanol	1.722	45	47879	21.731	ppbv	99
15) Acetone	1.836	43	230501	15.596	ppbv	98
16) 1,3-Butadiene	1.603	39	2936	0.446	ppbv #	62
17) tert-Butyl alcohol	2.043	59	3443	0.177	ppbv #	91
19) Isopropyl Alcohol	1.888	45	29482	3.530	ppbv #	1
20) Methylene Chloride	2.062	84	4140	0.180	ppbv	93
21) Allyl Chloride	2.043	41	1291	0.130	ppbv #	66
23) Vinyl Acetate	2.473	43	23758	1.332	ppbv #	40
25) Ethyl Acetate	2.829	43	21436	0.672	ppbv #	78
26) Hexane	2.826	57	30379	2.174	ppbv #	43
27) Carbon Disulfide	2.153	76	3349	0.235	ppbv #	51
29) Chloroform	2.849	83	838	0.042	ppbv #	46
34) 2-Butanone	2.558	43	20420	0.988	ppbv	99
36) Benzene	3.661	78	5671	0.202	ppbv #	93
38) Trichloroethene	4.545	130	355	0.032	ppbv #	46
39) 1,2-Dichloropropane	3.956	63	72824	7.096	ppbv #	24
51) 2-Hexanone	7.416	43	9019	0.399	ppbv #	29
52) Tetrachloroethene	8.225	164	119688	11.475	ppbv	95
53) Toluene	6.933	91	3706	0.112	ppbv #	1
58) Ethyl Benzene	9.532	91	7823	0.177	ppbv	97
59) m/p-Xylene	9.532	91	7823	0.221	ppbv	94
60) o-Xylene	9.960	91	3639	0.103	ppbv	96
61) Styrene	9.869	104	8898	0.576	ppbv	94
69) p-Isopropyltoluene	11.924	119	3228	0.048	ppbv #	80
72) 4-Ethyltoluene	11.125	105	1550	0.036	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	1315	0.036	ppbv #	67
74) 1,2,4-Trimethylbenzene	11.536	105	5098	0.129	ppbv #	53
79) Naphthalene	13.517	128	1520	0.043	ppbv #	64
80) Naphthalene,2-methyl-	14.468	142	978	0.106	ppbv	96
81) 1,2,4-Trichlorobenzene	13.439	180	1269	0.081	ppbv #	85

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

Quant Time: Nov 20 00:03:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

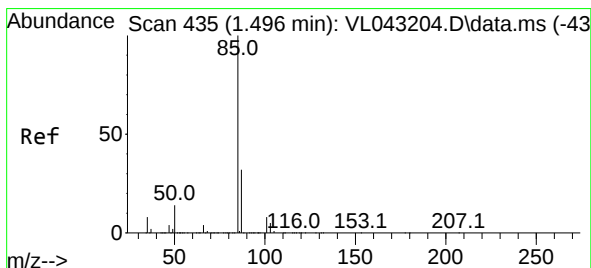
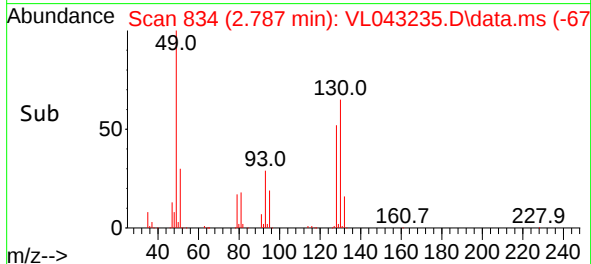
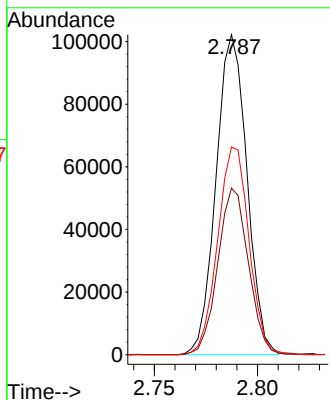
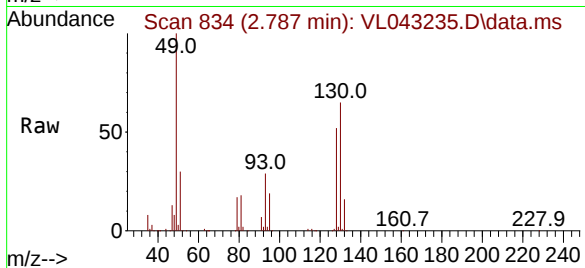




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

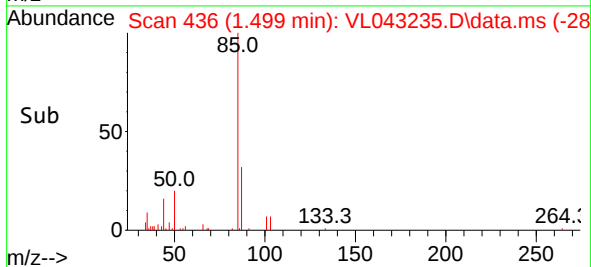
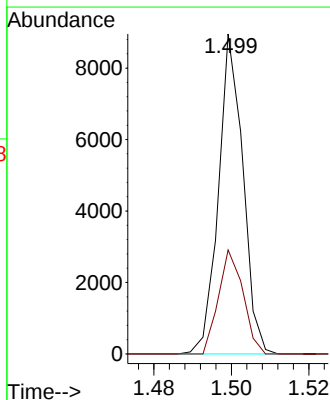
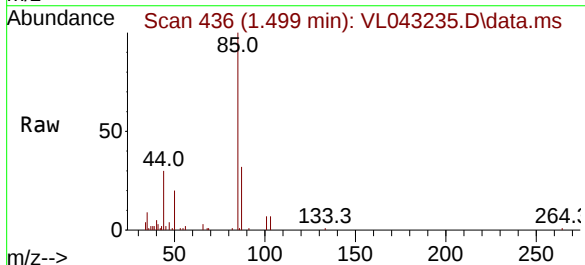
Instrument :
MSVOA_L
ClientSampleId :
9A-SG-1

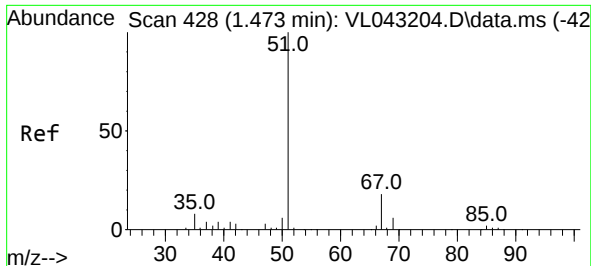
Tgt Ion: 49 Resp: 106377
Ion Ratio Lower Upper
49 100
128 51.6 23.0 69.0
130 66.0 29.9 89.7



#2
Dichlorodifluoromethane
Concen: 0.262 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion: 85 Resp: 3925
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.2

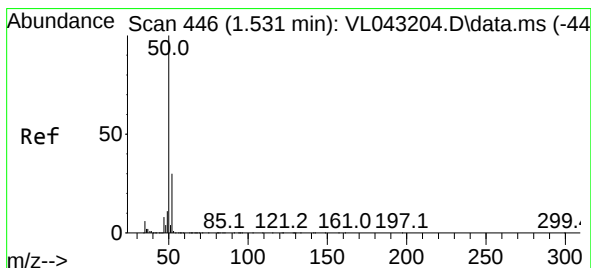
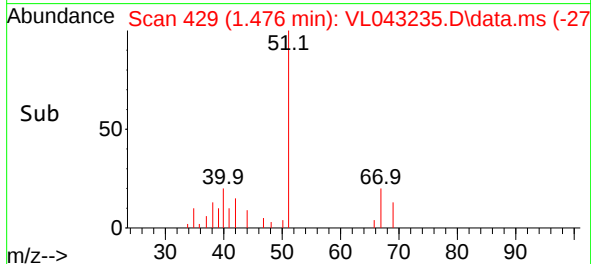
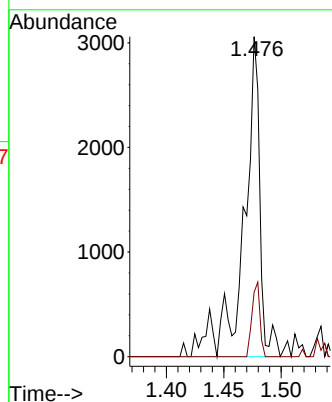
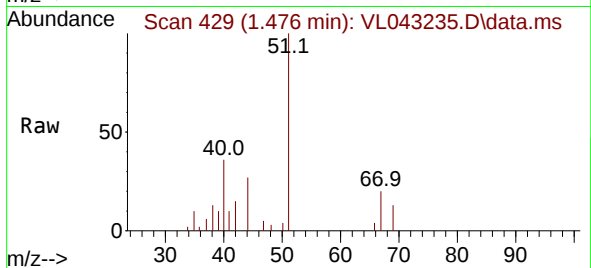




#3
Chlorodifluoromethane
Concen: 0.205 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

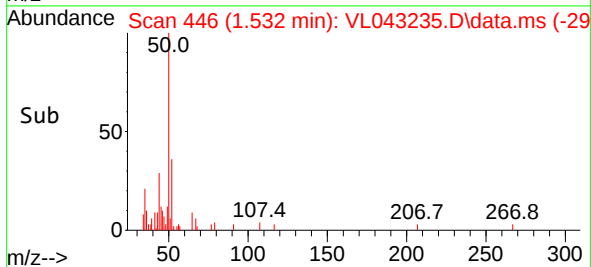
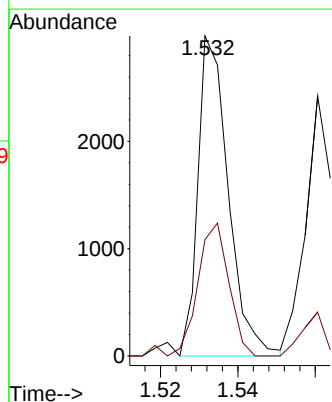
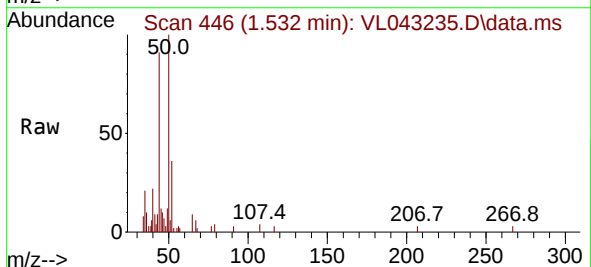
Instrument :
MSVOA_1
ClientSampleId :
9A-SG-1

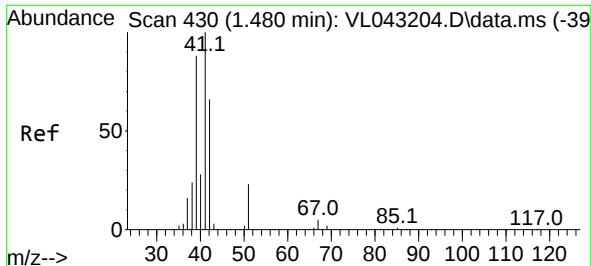
Tgt Ion: 51 Resp: 3029
Ion Ratio Lower Upper
51 100
67 11.2 14.9 22.3#



#4
Chloromethane
Concen: 0.289 ppbv
RT: 1.532 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion: 50 Resp: 1622
Ion Ratio Lower Upper
50 100
52 36.4 24.1 36.1#





#9

Propene

Concen: 1.839 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

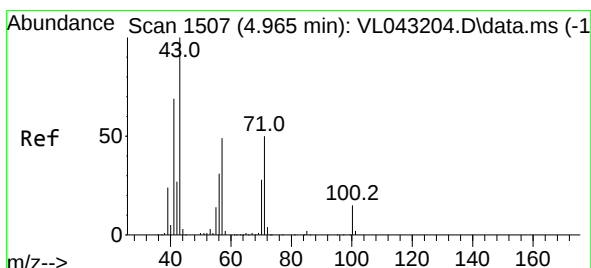
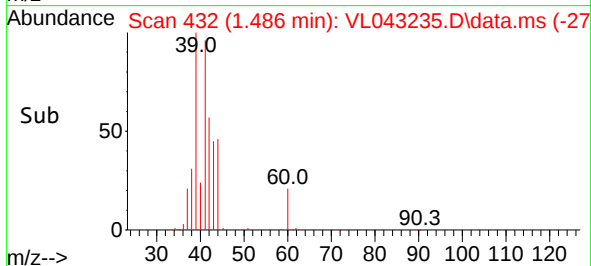
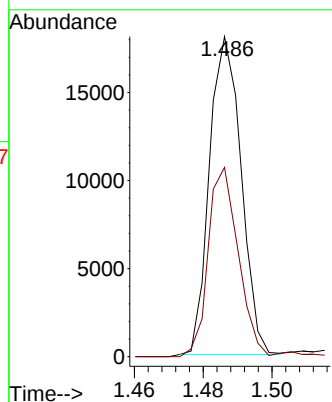
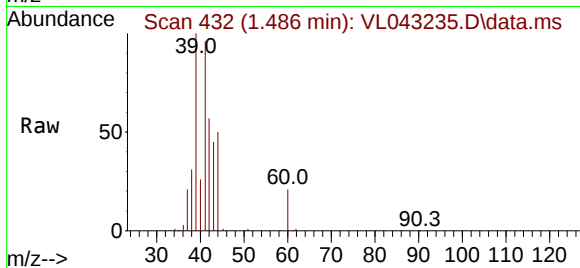
9A-SG-1

Tgt Ion: 41 Resp: 11523

Ion Ratio Lower Upper

41 100

42 59.0 3.7 5.5#



#10

Heptane

Concen: 1.295 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. 0.016 min

Lab File: VL043235.D

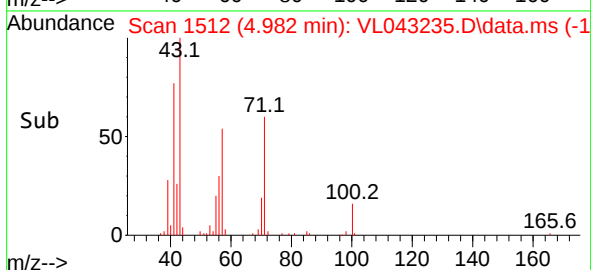
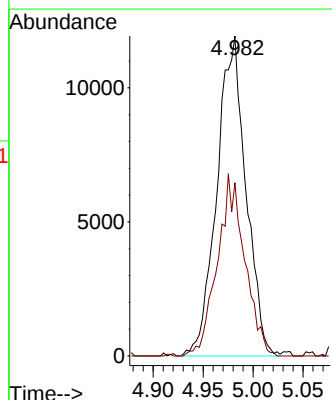
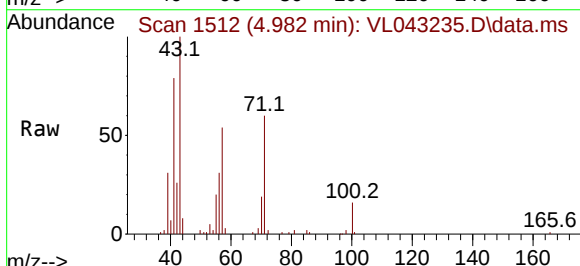
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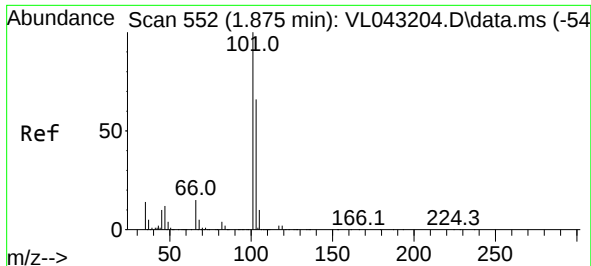
Tgt Ion: 43 Resp: 24157

Ion Ratio Lower Upper

43 100

57 53.5 39.7 59.5

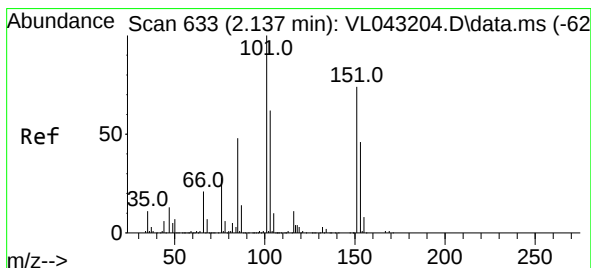
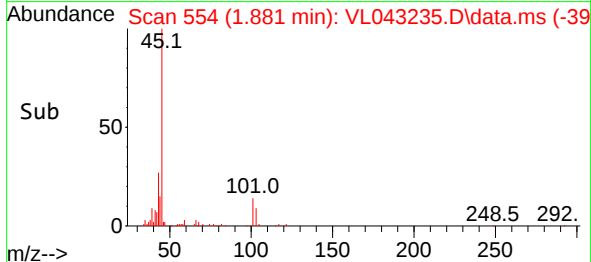
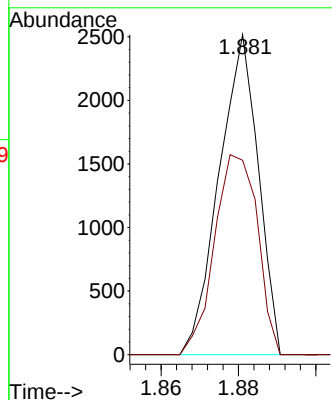
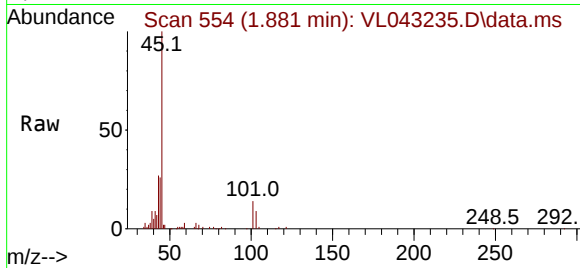




#11
 Trichlorofluoromethane
 Concen: 0.122 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL043235.D
 Acq: 19 Nov 2025 12:43

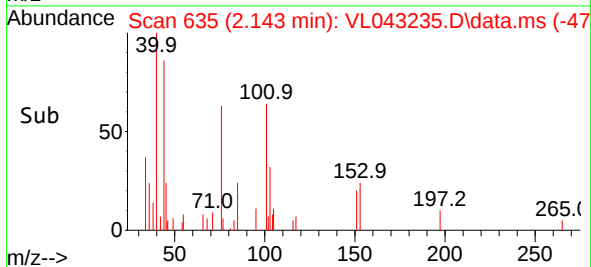
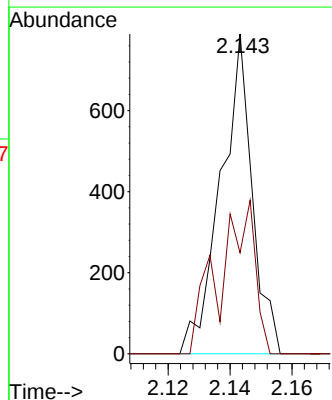
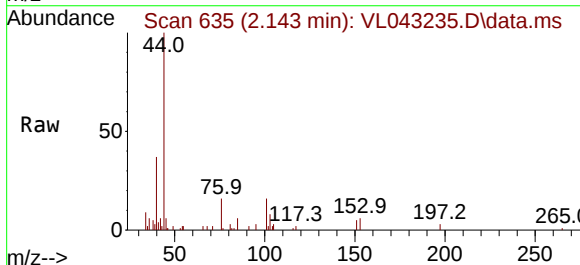
Instrument :
 MSVOA_L
 ClientSampleId :
 9A-SG-1

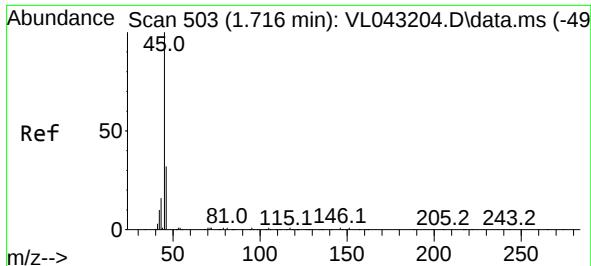
Tgt Ion:101 Resp: 1771
 Ion Ratio Lower Upper
 101 100
 103 60.7 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.049 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.007 min
 Lab File: VL043235.D
 Acq: 19 Nov 2025 12:43

Tgt Ion:101 Resp: 556
 Ion Ratio Lower Upper
 101 100
 151 54.7 59.2 88.8#

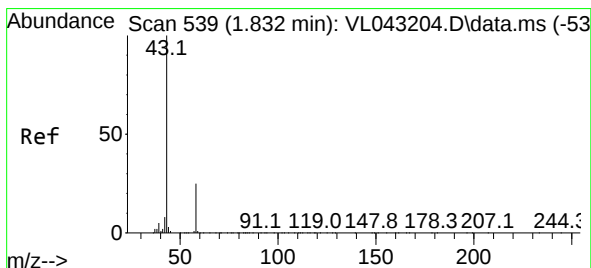
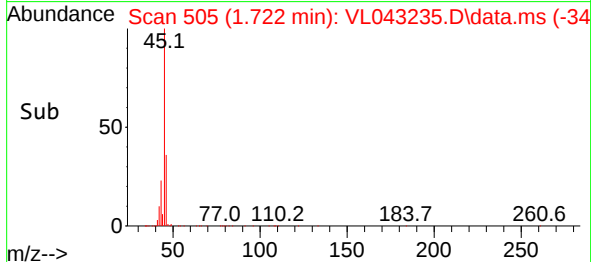
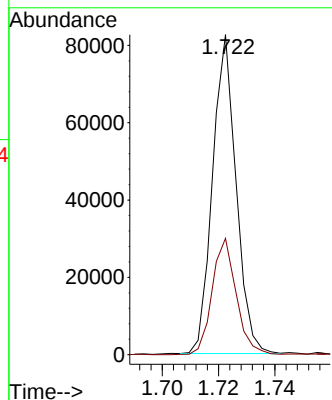
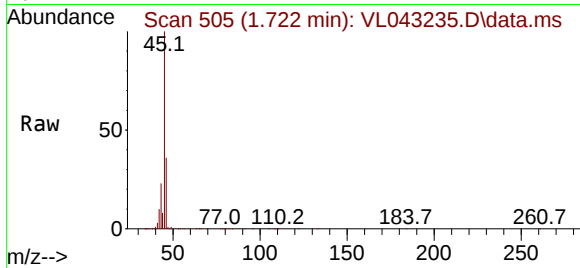




#13
Ethanol
Concen: 21.731 ppbv
RT: 1.722 min Scan# 50
Delta R.T. 0.007 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

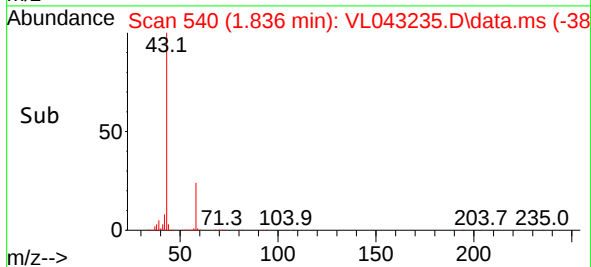
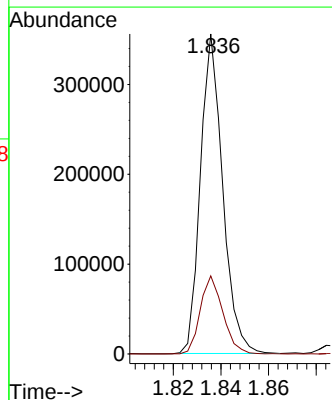
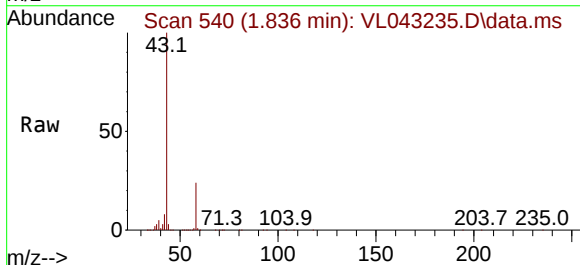
Instrument :
MSVOA_L
ClientSampleId :
9A-SG-1

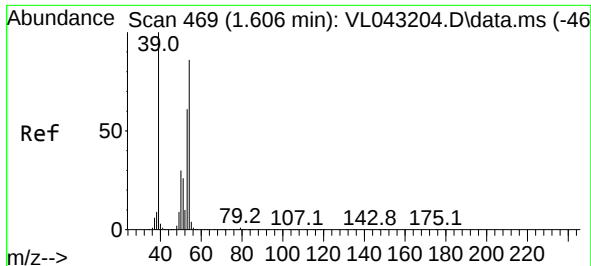
Tgt Ion: 45 Resp: 47879
Ion Ratio Lower Upper
45 100
46 37.8 15.0 59.8



#15
Acetone
Concen: 15.596 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion: 43 Resp: 230501
Ion Ratio Lower Upper
43 100
58 24.8 20.7 31.1





#16

1,3-Butadiene

Concen: 0.446 ppbv

RT: 1.603 min Scan# 4

Delta R.T. -0.003 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

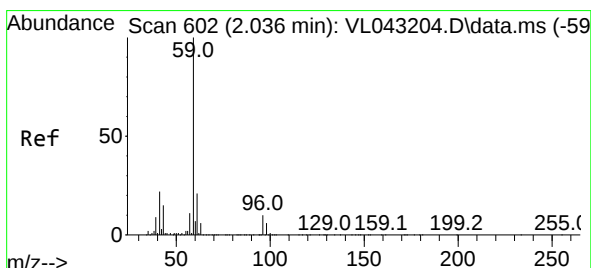
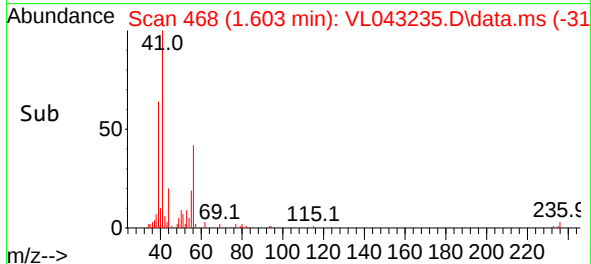
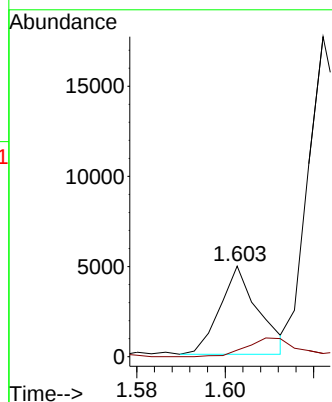
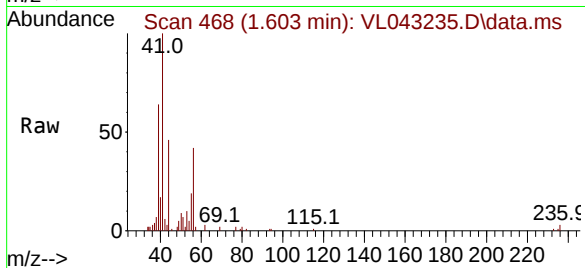
9A-SG-1

Tgt Ion: 39 Resp: 2936

Ion Ratio Lower Upper

39 100

54 42.1 59.4 89.2#



#17

tert-Butyl alcohol

Concen: 0.177 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.007 min

Lab File: VL043235.D

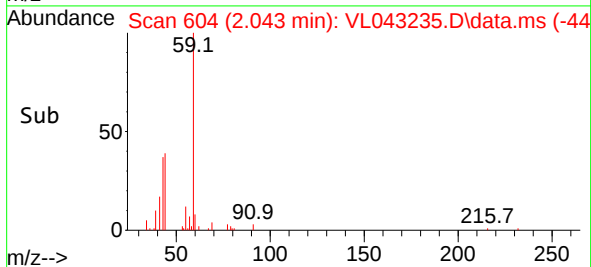
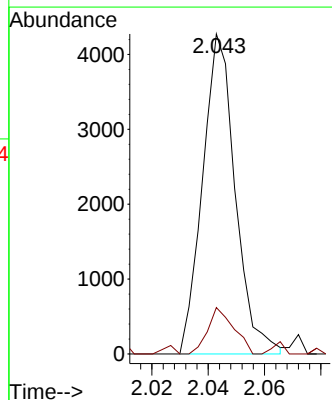
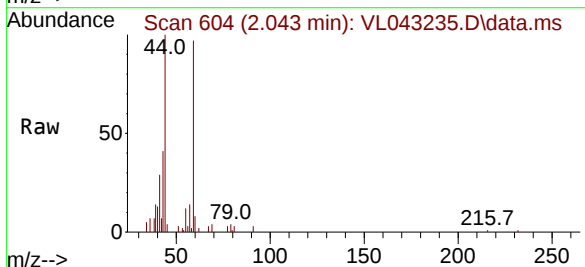
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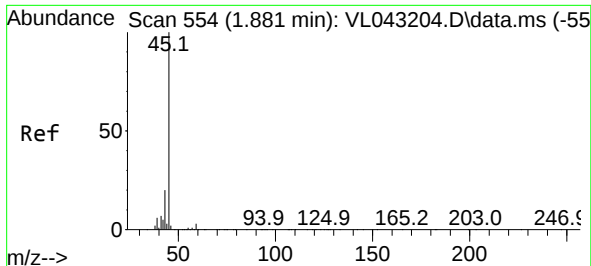
Tgt Ion: 59 Resp: 3443

Ion Ratio Lower Upper

59 100

57 14.8 9.0 13.4#

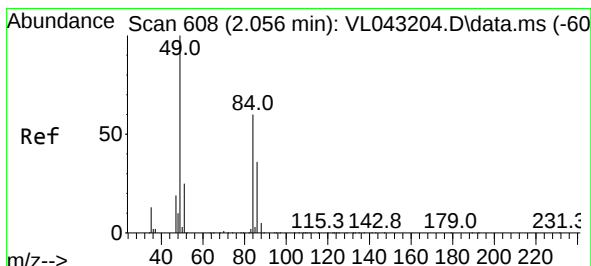
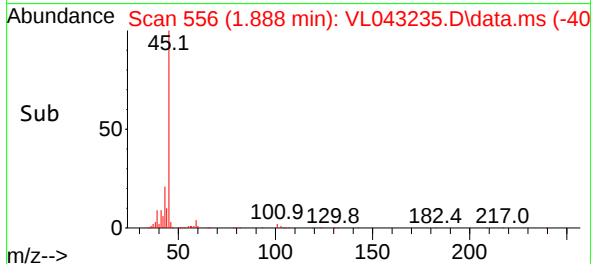
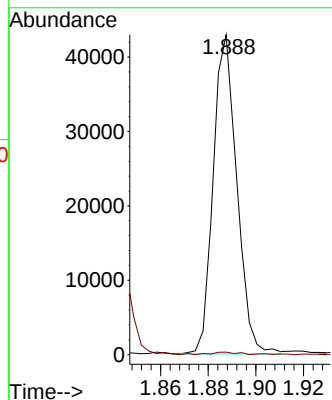
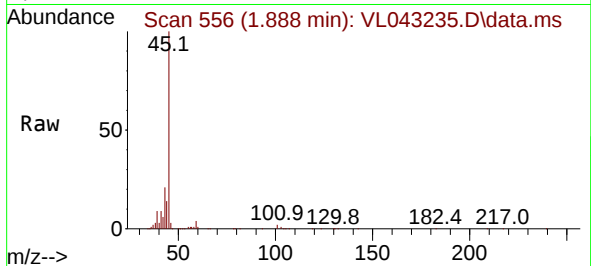




#19
Isopropyl Alcohol
Concen: 3.530 ppbv
RT: 1.888 min Scan# 51
Delta R.T. 0.007 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

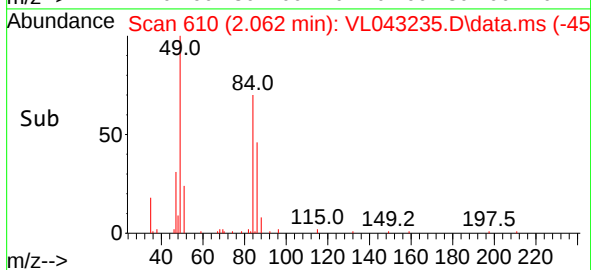
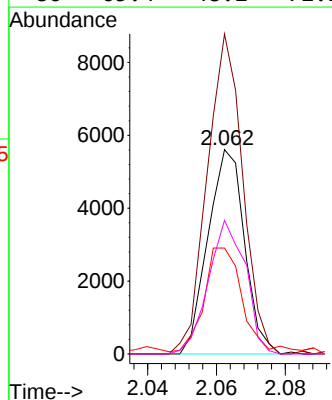
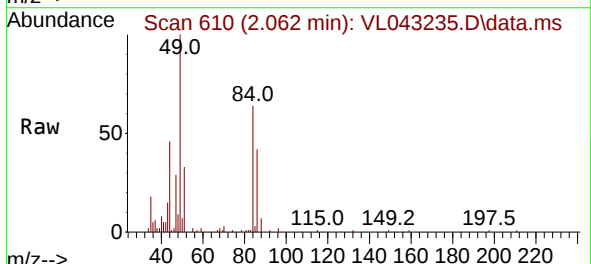
Instrument :
MSVOA_L
ClientSampleId :
9A-SG-1

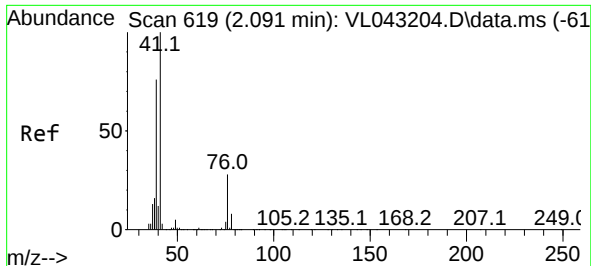
Tgt Ion: 45 Resp: 29482
Ion Ratio Lower Upper
45 100
58 194.3 31.3 46.9#



#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion: 84 Resp: 4140
Ion Ratio Lower Upper
84 100
49 156.6 132.9 199.3
51 50.0 34.8 52.2
86 65.4 48.2 72.2

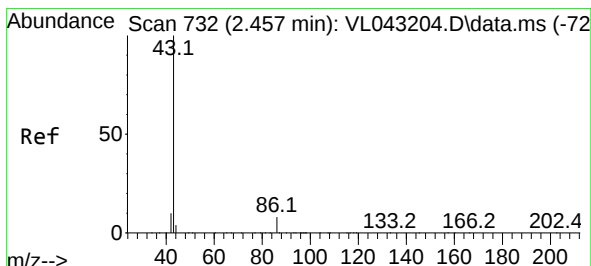
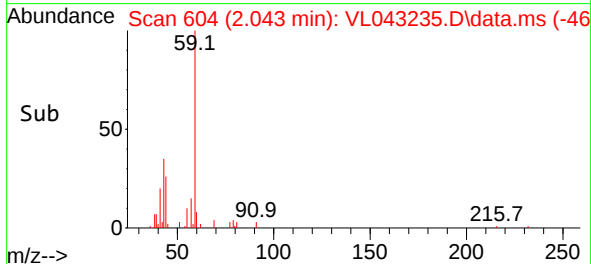
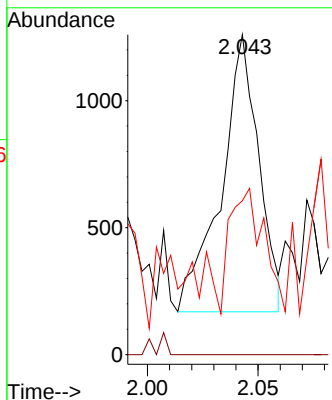
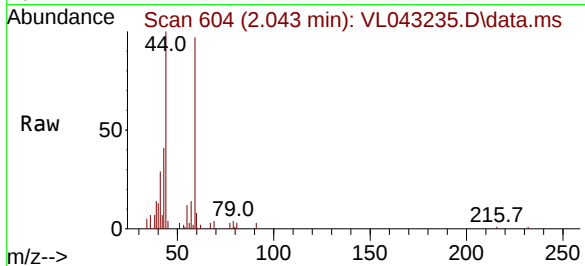




#21
 Allyl Chloride
 Concen: 0.130 ppbv
 RT: 2.043 min Scan# 604
 Delta R.T. -0.048 min
 Lab File: VL043235.D
 Acq: 19 Nov 2025 12:43

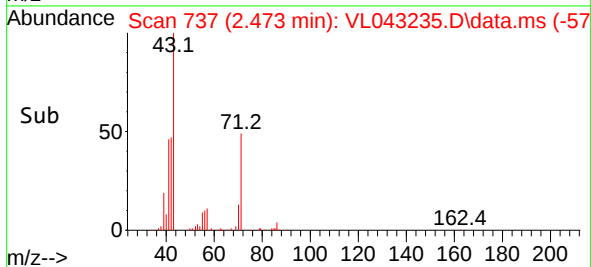
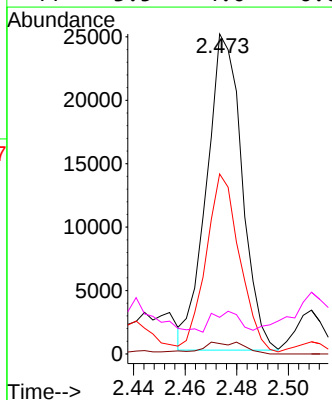
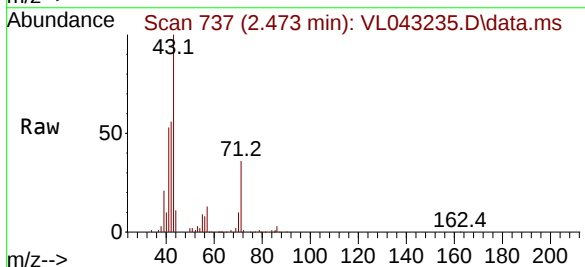
Instrument :
 MSVOA_L
 ClientSampleId :
 9A-SG-1

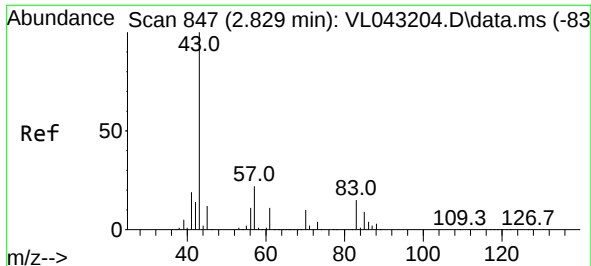
Tgt Ion: 41 Resp: 1291
 Ion Ratio Lower Upper
 41 100
 76 0.0 22.1 33.1#
 39 53.0 61.0 91.4#



#23
 Vinyl Acetate
 Concen: 1.332 ppbv
 RT: 2.473 min Scan# 737
 Delta R.T. 0.016 min
 Lab File: VL043235.D
 Acq: 19 Nov 2025 12:43

Tgt Ion: 43 Resp: 23758
 Ion Ratio Lower Upper
 43 100
 86 3.3 6.2 9.2#
 42 56.4 8.0 12.0#
 44 3.5 4.0 6.0#

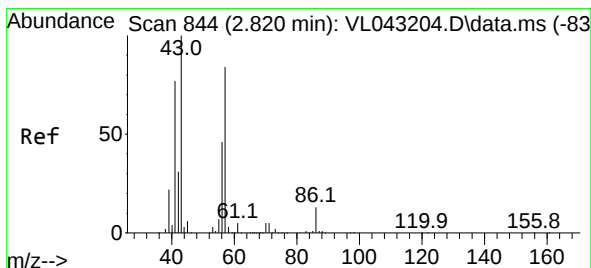
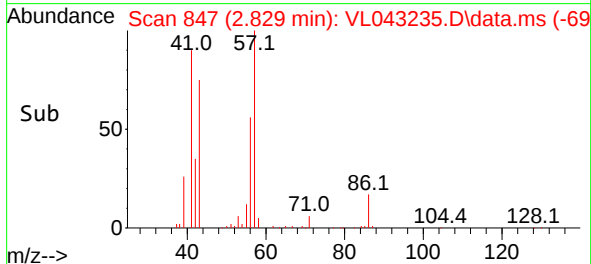
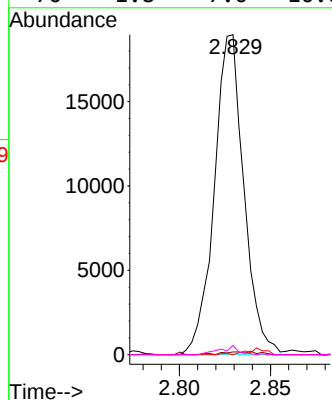
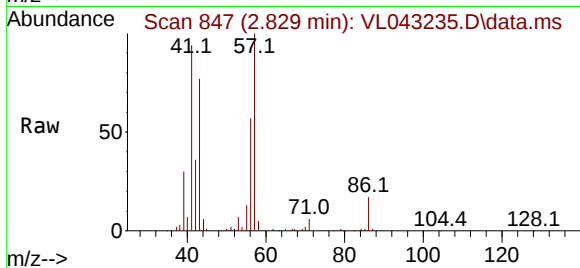




#25
Ethyl Acetate
Concen: 0.672 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

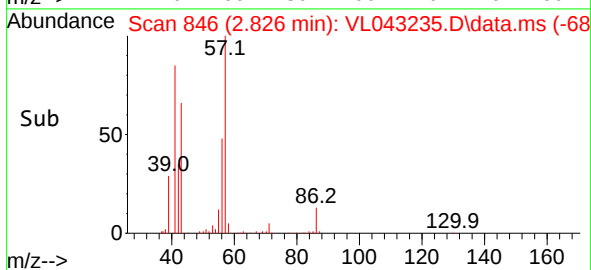
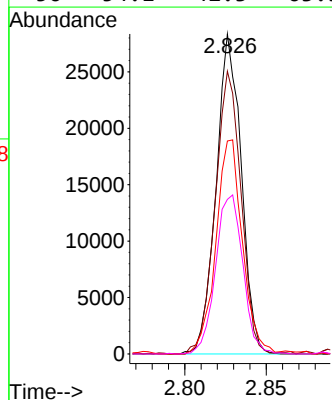
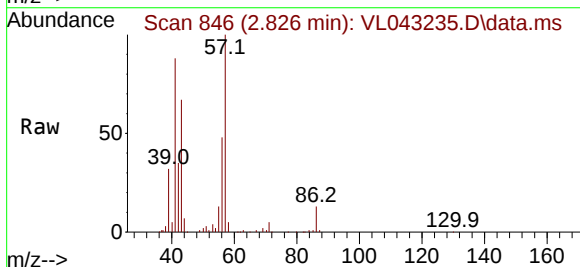
Instrument :
MSVOA_1
ClientSampleId :
9A-SG-1

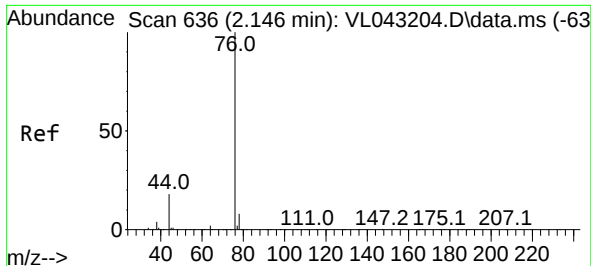
Tgt Ion:	43	Resp:	21436
Ion	Ratio	Lower	Upper
43	100		
45	1.0	8.1	12.1#
61	1.3	7.0	10.4#
70	1.8	7.0	10.6#



#26
Hexane
Concen: 2.174 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.007 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion:	57	Resp:	30379
Ion	Ratio	Lower	Upper
57	100		
41	91.0	74.6	111.8
43	71.4	179.0	268.4#
56	54.1	42.3	63.5





#27

Carbon Disulfide

Concen: 0.235 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_1

ClientSampleId :

9A-SG-1

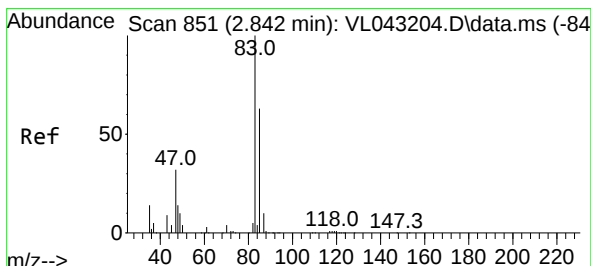
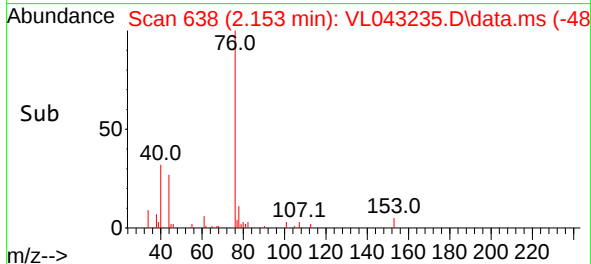
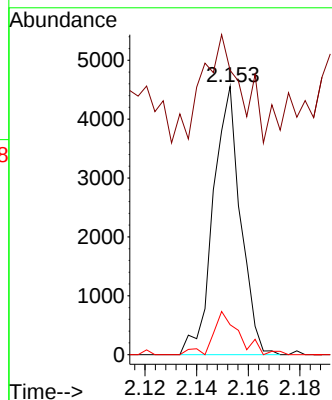
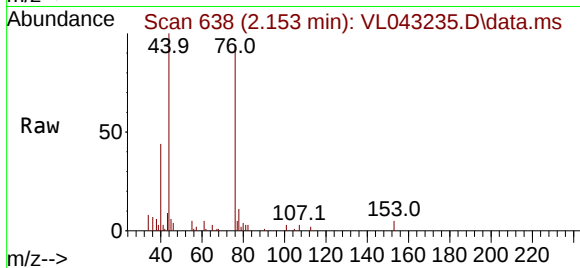
Tgt Ion: 76 Resp: 3349

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

76	100		
----	-----	--	--

44	53.5	16.1	24.1#
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78	15.4	9.6	14.4#
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#29

Chloroform

Concen: 0.042 ppbv

RT: 2.849 min Scan# 853

Delta R.T. 0.007 min

Lab File: VL043235.D

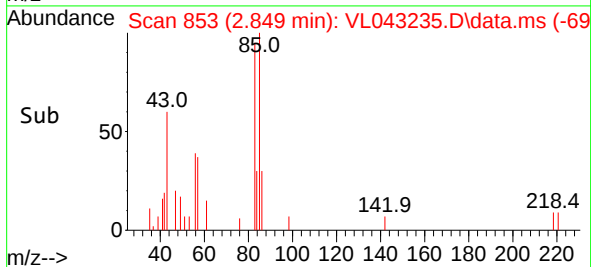
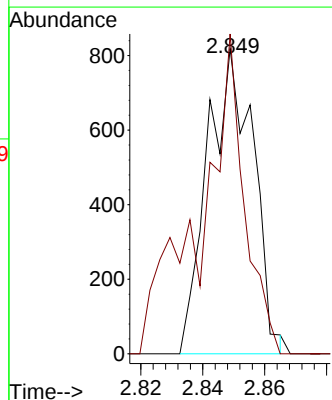
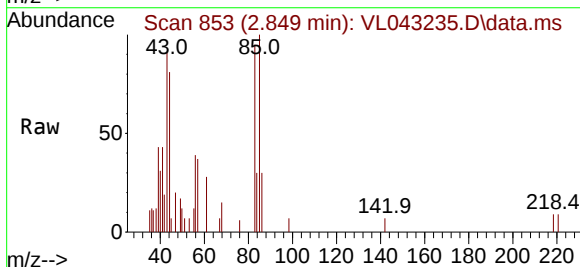
Acq: 19 Nov 2025 12:43

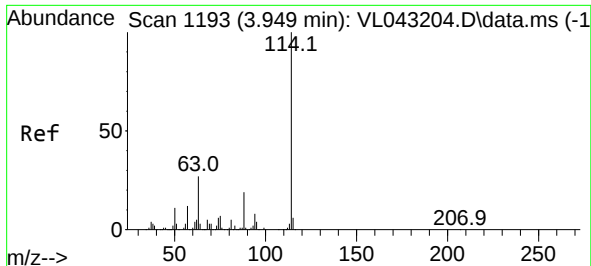
Tgt Ion: 83 Resp: 838

Ion	Ratio	Lower	Upper
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83	100		
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85	104.8	50.5	75.7#
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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_1

ClientSampleId :

9A-SG-1

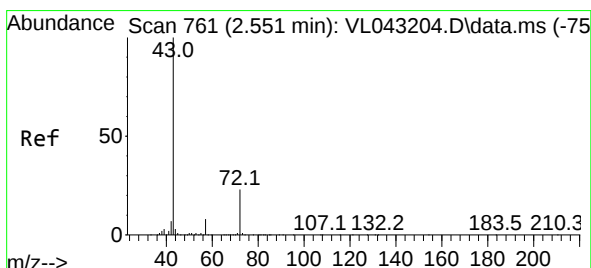
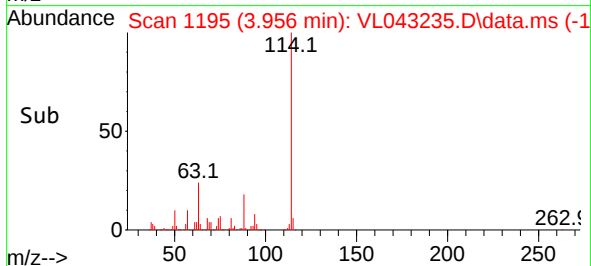
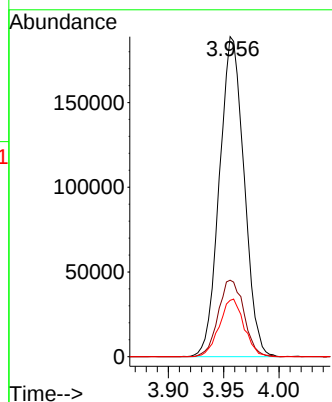
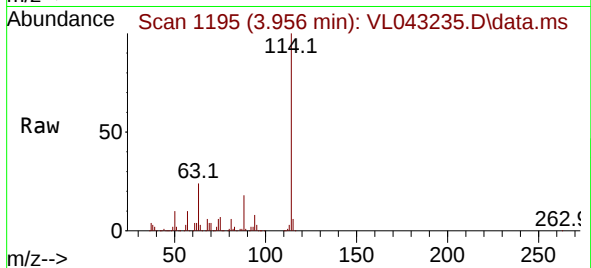
Tgt Ion:114 Resp: 292792

Ion Ratio Lower Upper

114 100

63 24.9 21.0 31.6

88 18.0 14.9 22.3



#34

2-Butanone

Concen: 0.988 ppbv

RT: 2.558 min Scan# 763

Delta R.T. 0.007 min

Lab File: VL043235.D

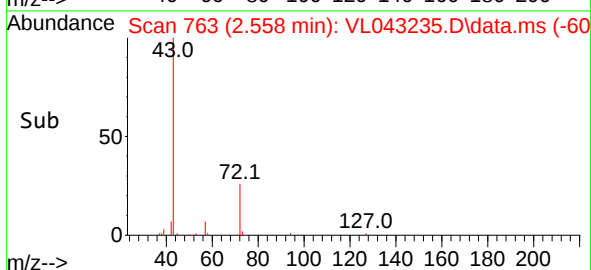
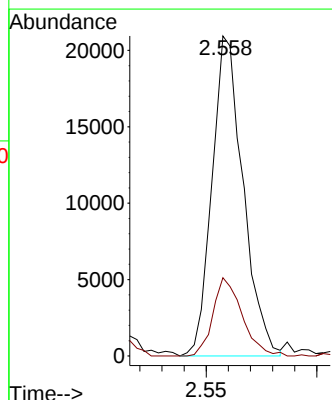
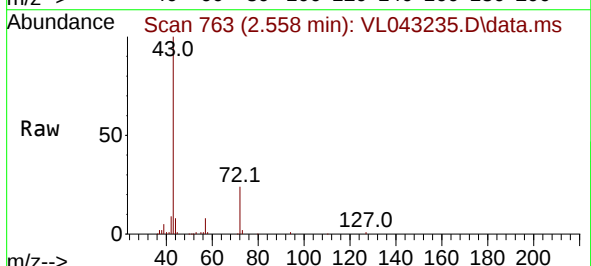
Acq: 19 Nov 2025 12:43

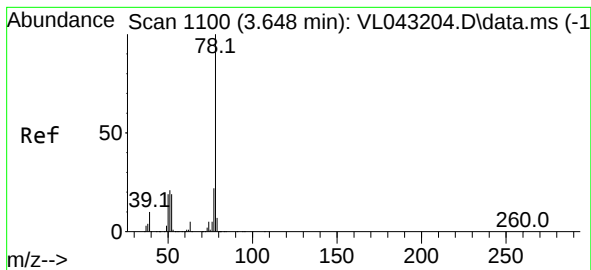
Tgt Ion: 43 Resp: 20420

Ion Ratio Lower Upper

43 100

72 23.0 18.1 27.1





#36

Benzene

Concen: 0.202 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.013 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

9A-SG-1

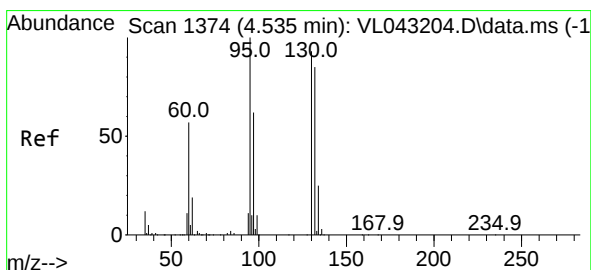
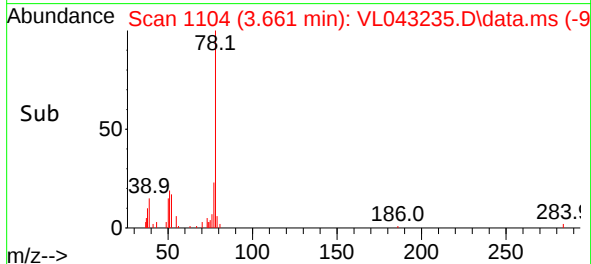
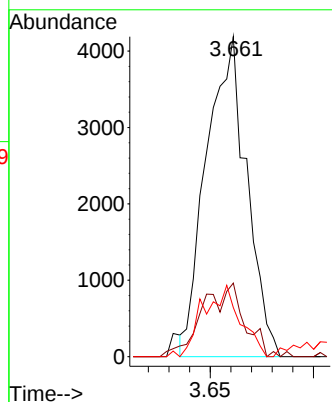
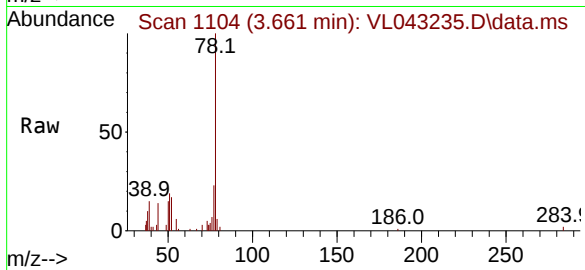
Tgt Ion: 78 Resp: 5671

Ion Ratio Lower Upper

78 100

77 23.0 17.5 26.3

50 13.8 15.5 23.3#



#38

Trichloroethene

Concen: 0.032 ppbv

RT: 4.545 min Scan# 1377

Delta R.T. 0.010 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Tgt Ion: 130 Resp: 355

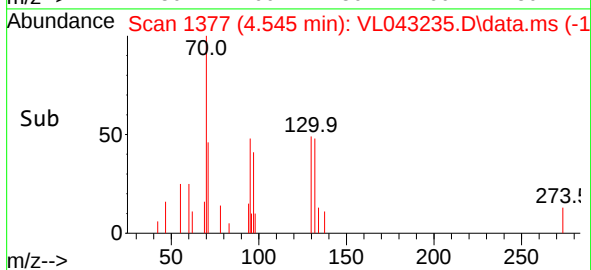
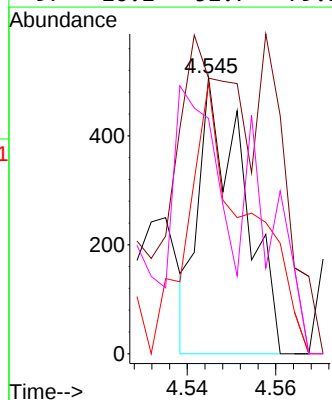
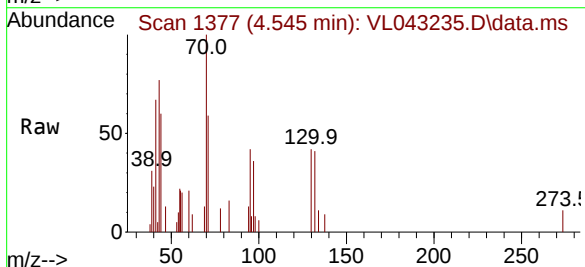
Ion Ratio Lower Upper

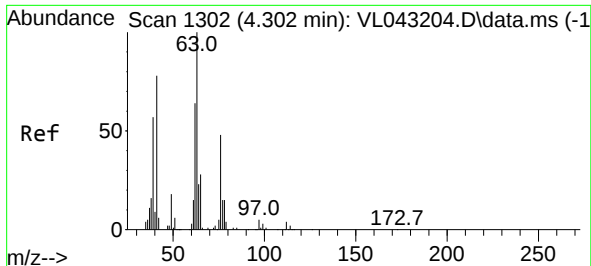
130 100

95 18.1 85.7 128.5#

132 72.0 73.4 110.0#

97 26.2 52.7 79.1#





#39

1,2-Dichloropropane

Concen: 7.096 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. -0.346 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

9A-SG-1

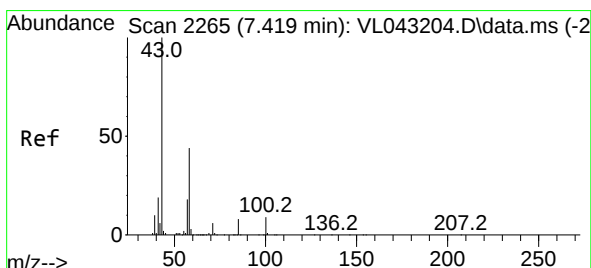
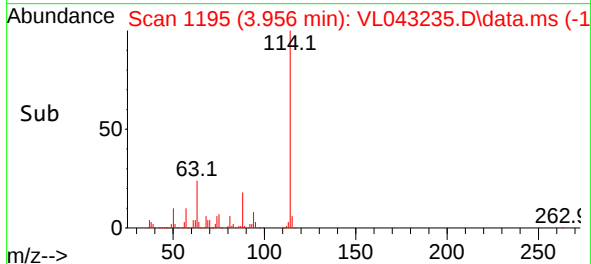
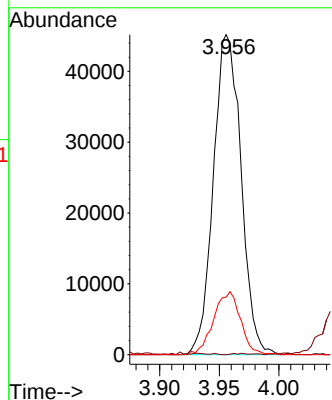
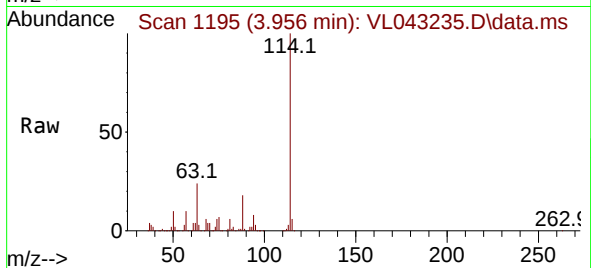
Tgt Ion: 63 Resp: 72824

Ion Ratio Lower Upper

63 100

41 0.0 62.6 93.8#

62 18.0 51.0 76.6#



#51

2-Hexanone

Concen: 0.399 ppbv

RT: 7.416 min Scan# 2264

Delta R.T. -0.003 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

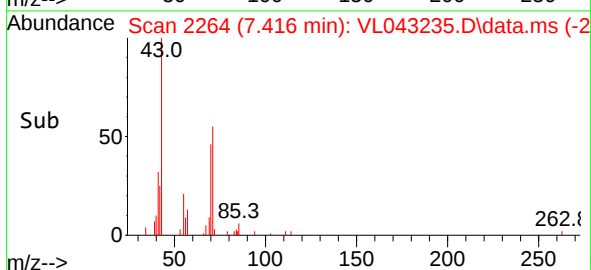
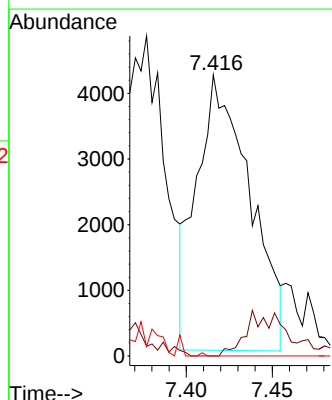
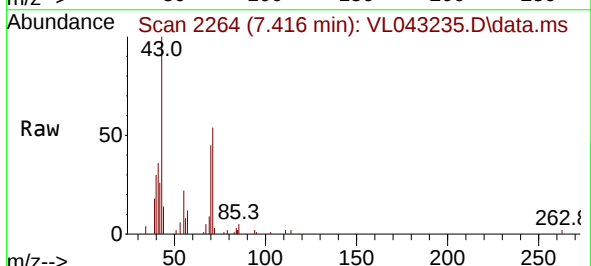
Tgt Ion: 43 Resp: 9019

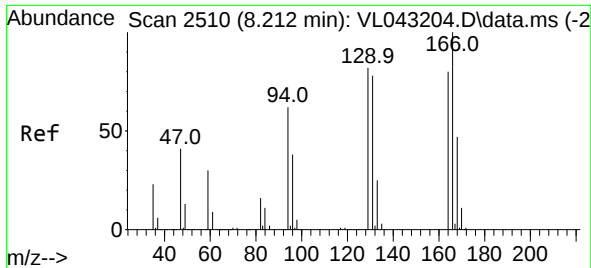
Ion Ratio Lower Upper

43 100

58 0.0 38.4 57.6#

98 0.0 0.0 0.0

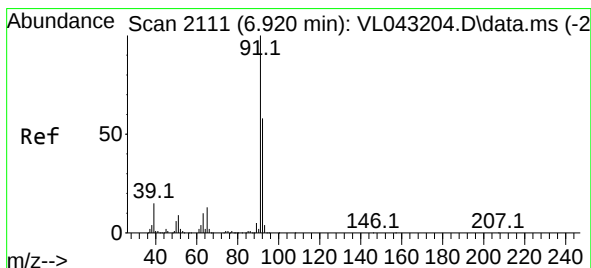
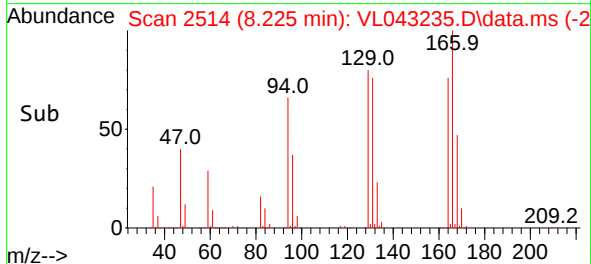
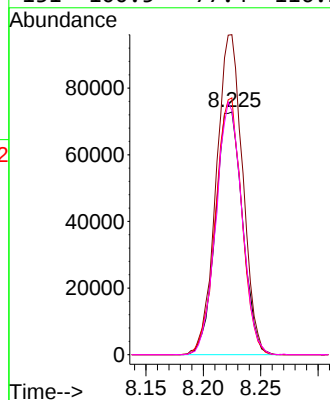
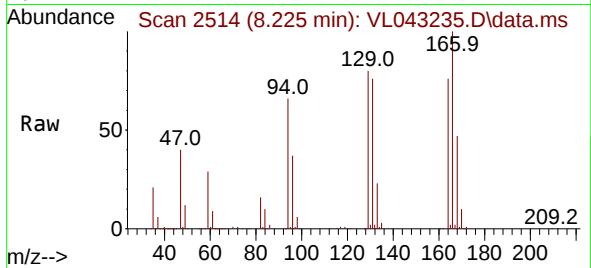




#52
Tetrachloroethene
Concen: 11.475 ppbv
RT: 8.225 min Scan# 2115
Delta R.T. 0.013 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

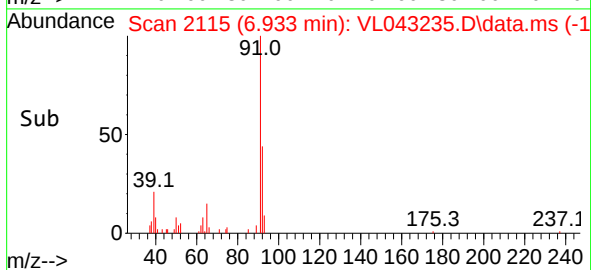
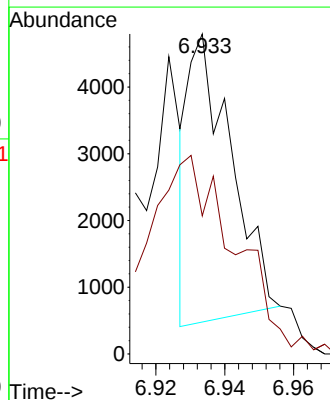
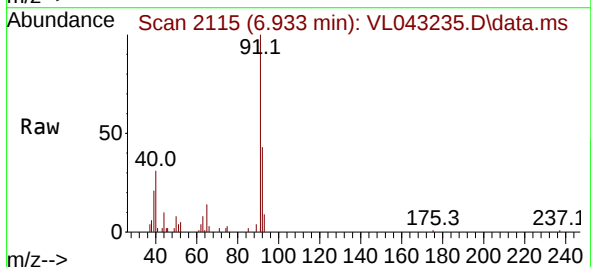
Instrument :
MSVOA_1
ClientSampleId :
9A-SG-1

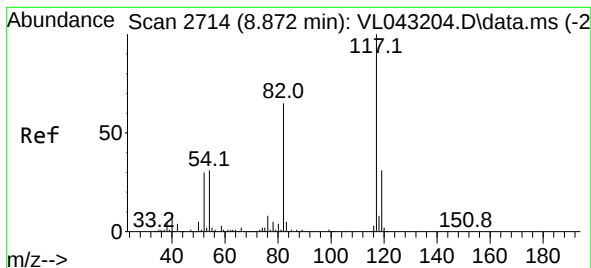
Tgt Ion:164 Resp: 119688
Ion Ratio Lower Upper
164 100
166 131.8 99.4 149.2
129 105.8 81.8 122.8
131 100.5 77.4 116.2



#53
Toluene
Concen: 0.112 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.013 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion: 91 Resp: 3706
Ion Ratio Lower Upper
91 100
92 149.8 47.4 71.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.879 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_1

ClientSampleId :

9A-SG-1

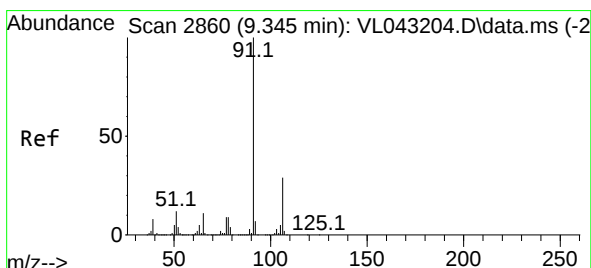
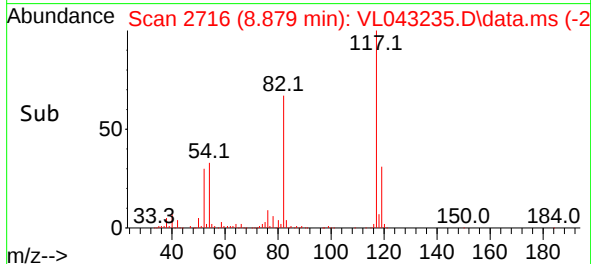
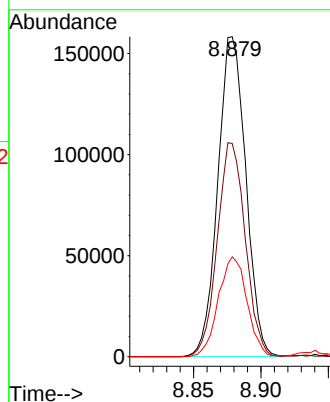
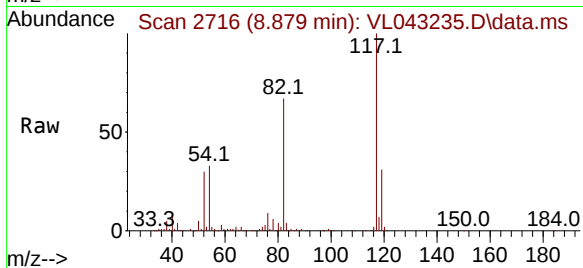
Tgt Ion:117 Resp: 229139

Ion Ratio Lower Upper

117 100

82 66.8 56.1 84.1

119 32.0 25.0 37.6



#58

Ethyl Benzene

Concen: 0.177 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. 0.188 min

Lab File: VL043235.D

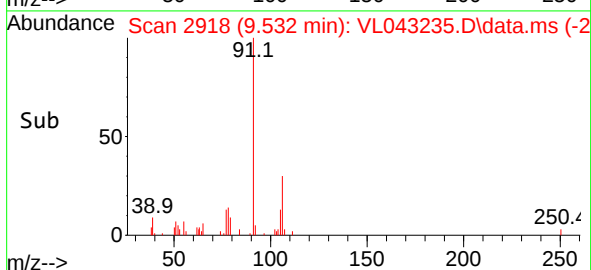
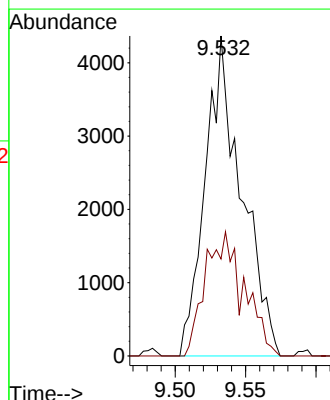
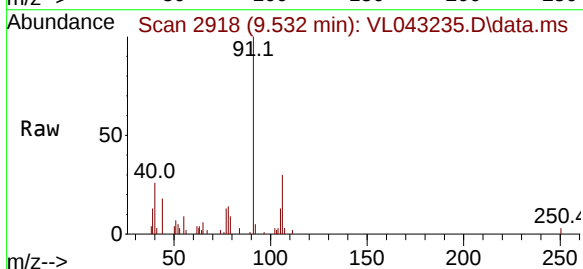
Acq: 19 Nov 2025 12:43

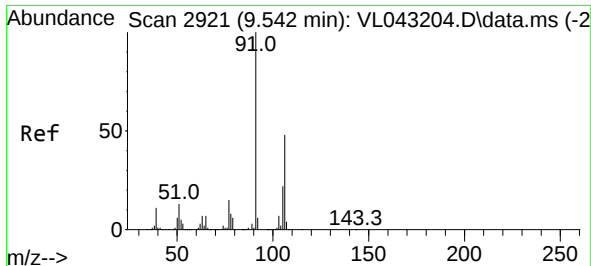
Tgt Ion: 91 Resp: 7823

Ion Ratio Lower Upper

91 100

106 30.3 22.8 34.2





#59

m/p-Xylene

Concen: 0.221 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.010 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_1

ClientSampleId :

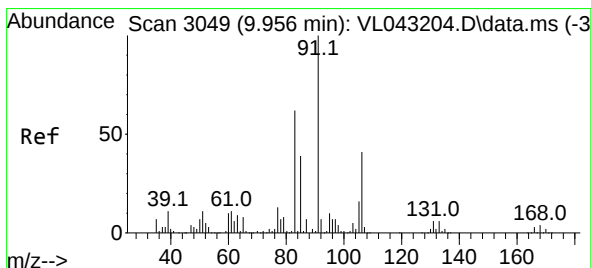
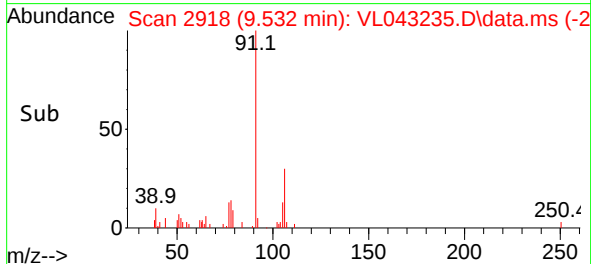
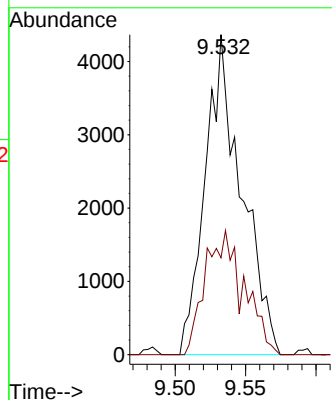
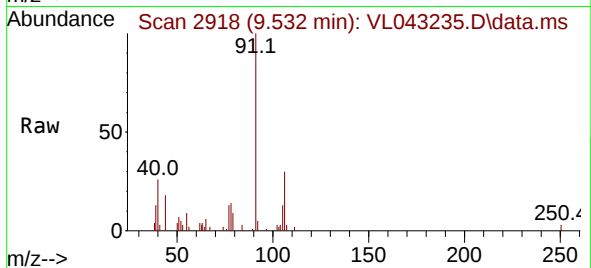
9A-SG-1

Tgt Ion: 91 Resp: 7823

Ion Ratio Lower Upper

91 100

106 41.4 36.1 54.1



#60

o-Xylene

Concen: 0.103 ppbv

RT: 9.960 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VL043235.D

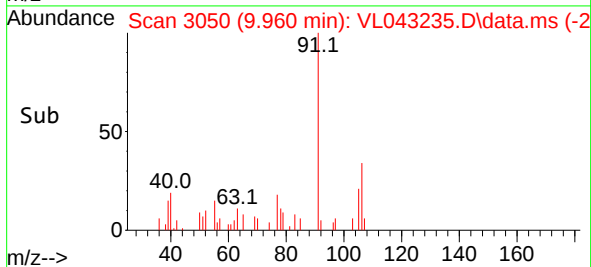
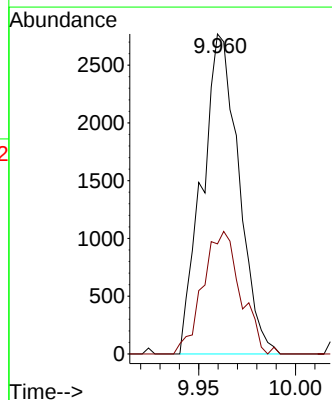
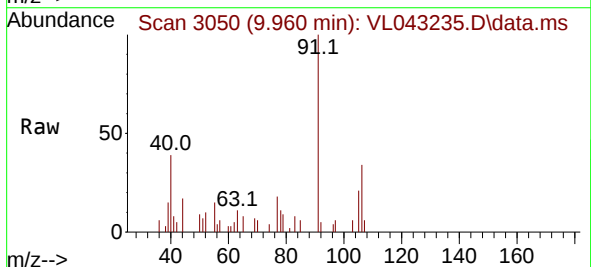
Acq: 19 Nov 2025 12:43

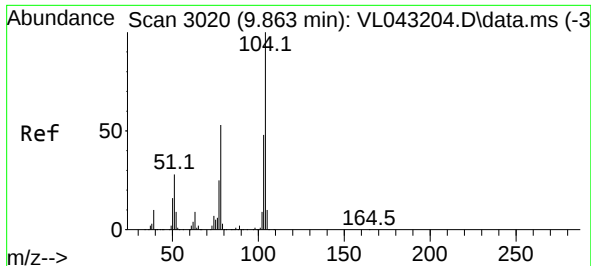
Tgt Ion: 91 Resp: 3639

Ion Ratio Lower Upper

91 100

106 39.5 20.9 62.8

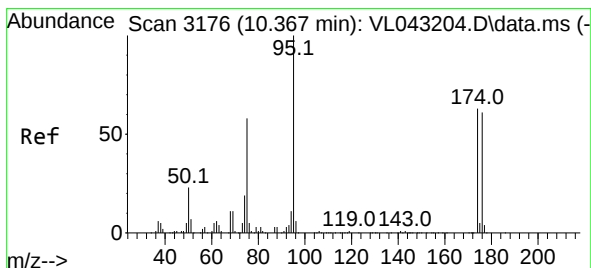
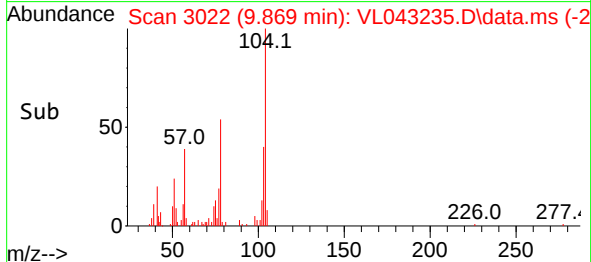
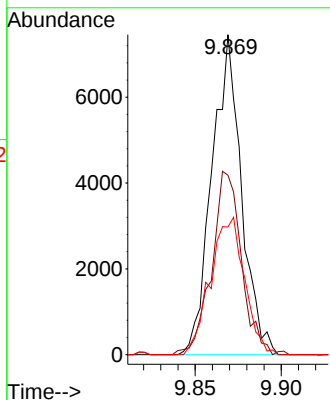
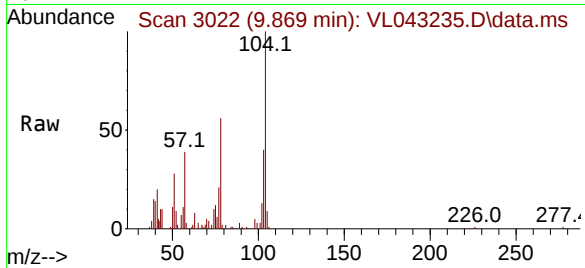




#61
Styrene
Concen: 0.576 ppbv
RT: 9.869 min Scan# 3020
Delta R.T. 0.007 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

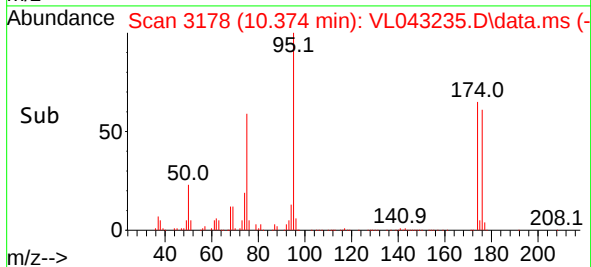
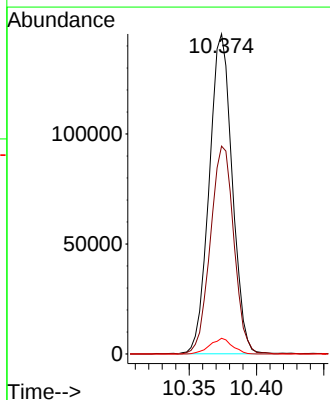
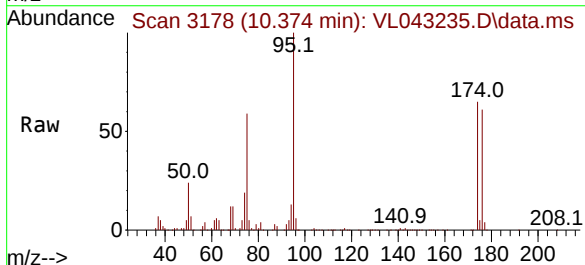
Instrument :
MSVOA_1
ClientSampleId :
9A-SG-1

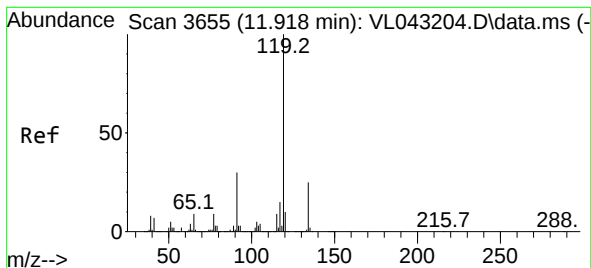
Tgt Ion:104 Resp: 8898
Ion Ratio Lower Upper
104 100
78 57.8 42.1 63.1
103 49.8 37.2 55.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.267 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.007 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion: 95 Resp: 172437
Ion Ratio Lower Upper
95 100
174 66.7 50.2 75.2
175 4.7 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.048 ppbv

RT: 11.924 min Scan# 3

Delta R.T. 0.007 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

9A-SG-1

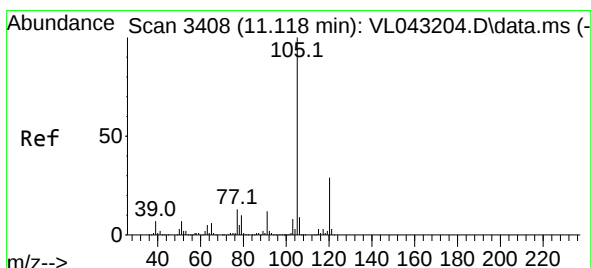
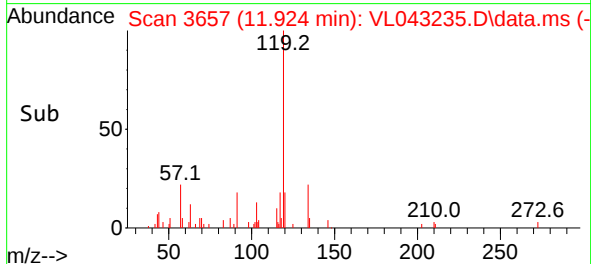
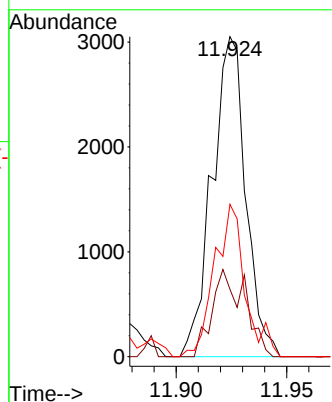
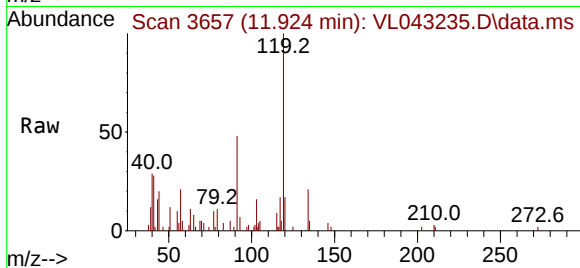
Tgt Ion:119 Resp: 3228

Ion Ratio Lower Upper

119 100

134 26.7 20.2 30.2

91 48.6 23.8 35.8#



#72

4-Ethyltoluene

Concen: 0.036 ppbv

RT: 11.125 min Scan# 3410

Delta R.T. 0.007 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Tgt Ion:105 Resp: 1550

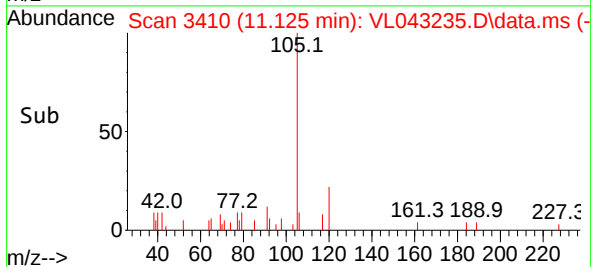
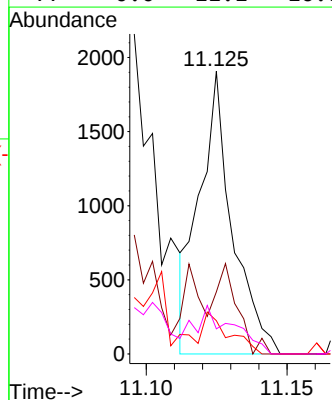
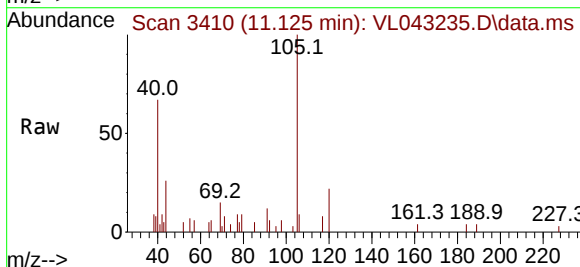
Ion Ratio Lower Upper

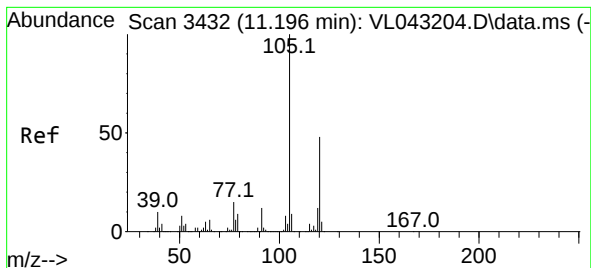
105 100

120 0.0 23.8 35.8#

91 0.0 10.3 15.5#

77 0.0 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.036 ppbv

RT: 11.199 min Scan# 3432

Delta R.T. 0.003 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_1

ClientSampleId :

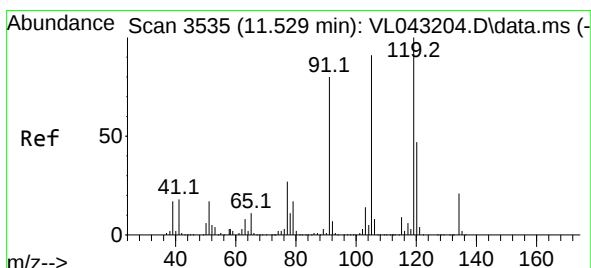
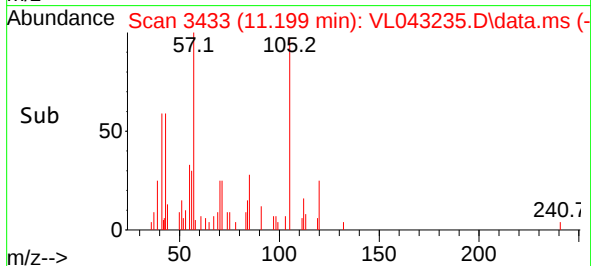
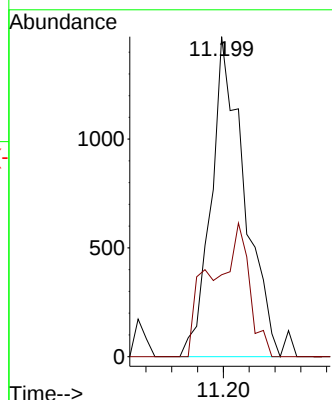
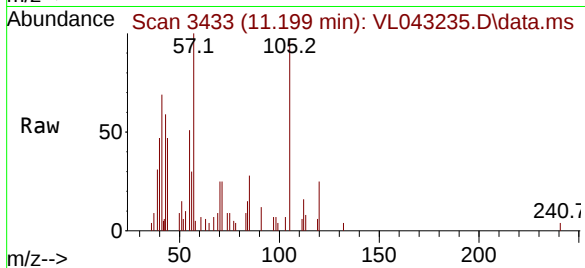
9A-SG-1

Tgt Ion:105 Resp: 1315

Ion Ratio Lower Upper

105 100

120 25.6 38.6 57.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.129 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.007 min

Lab File: VL043235.D

Acq: 19 Nov 2025 12:43

Tgt Ion:105 Resp: 5098

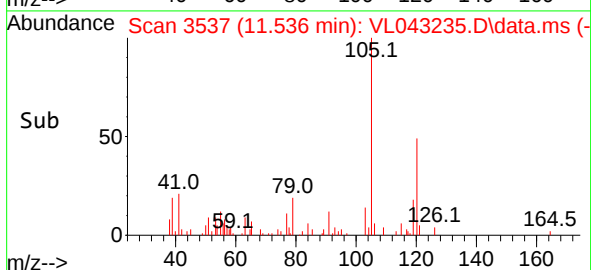
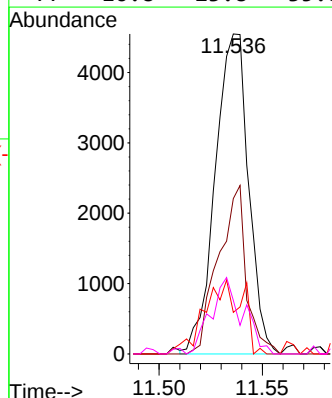
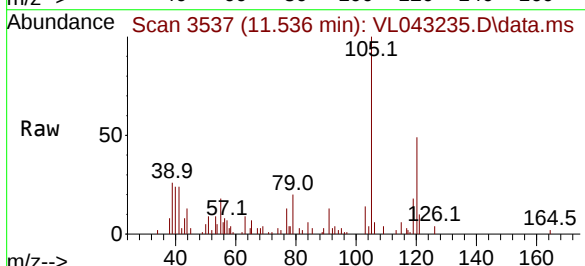
Ion Ratio Lower Upper

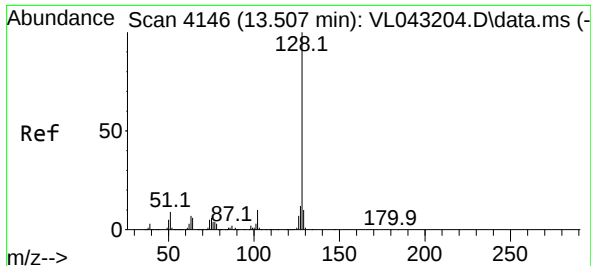
105 100

120 48.6 41.7 62.5

91 13.0 70.0 105.0#

77 16.8 23.8 35.8#

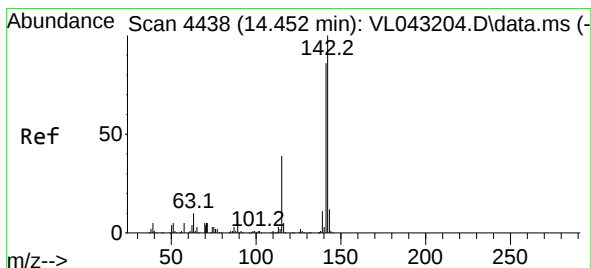
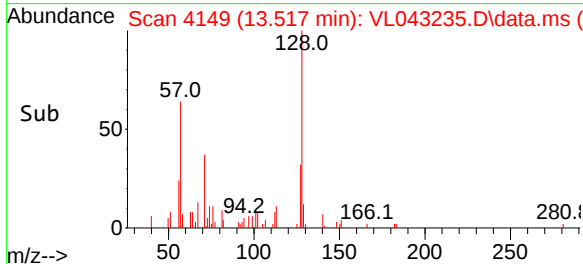
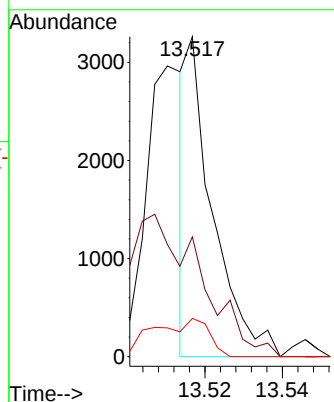
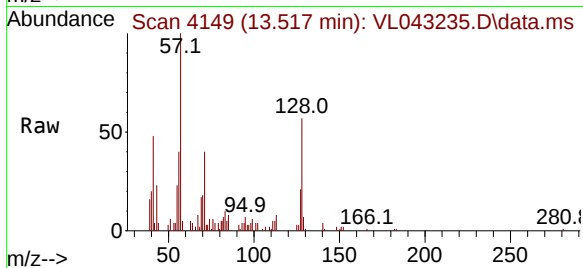




#79
Naphthalene
Concen: 0.043 ppbv
RT: 13.517 min Scan# 4146
Delta R.T. 0.010 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

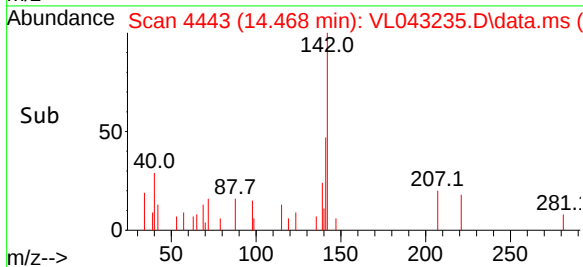
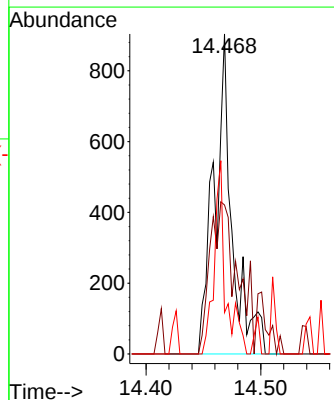
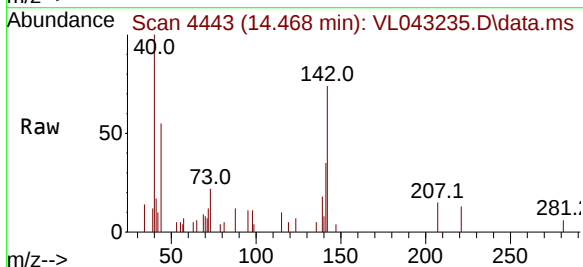
Instrument :
MSVOA_L
ClientSampleId :
9A-SG-1

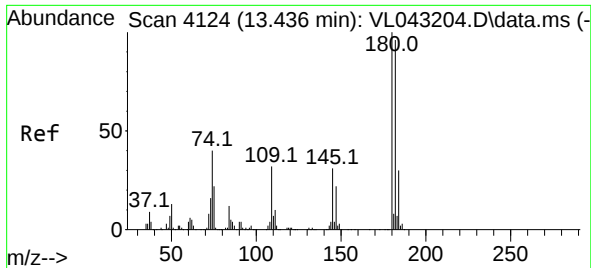
Tgt Ion:128 Resp: 1520
Ion Ratio Lower Upper
128 100
127 37.5 9.9 14.9#
129 12.0 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 0.106 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.016 min
Lab File: VL043235.D
Acq: 19 Nov 2025 12:43

Tgt Ion:142 Resp: 978
Ion Ratio Lower Upper
142 100
141 83.7 67.1 100.7
115 47.2 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 0.081 ppbv

RT: 13.439 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043235.D

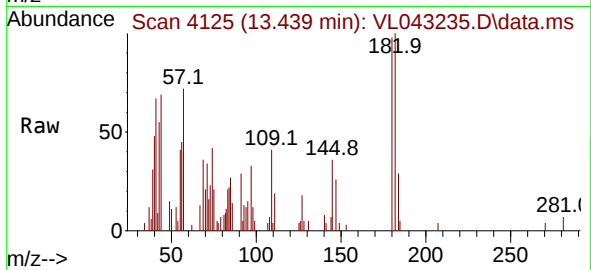
Acq: 19 Nov 2025 12:43

Instrument :

MSVOA_L

ClientSampleId :

9A-SG-1



Tgt Ion:	180	Resp:	1269
Ion	Ratio	Lower	Upper
180	100		
182	111.1	77.4	116.2
184	38.7	24.2	36.4#

