

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042187.D
 Acq On : 27 Mar 2025 19:36
 Operator : SY/MD
 Sample : Q1669-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-1-3262025

Quant Time: Mar 28 02:16:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	185410	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	523694	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	484321	10.000	ppbv	0.00

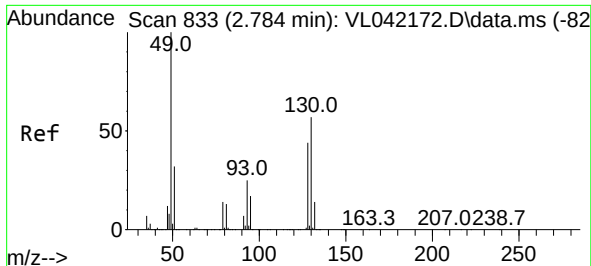
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	389805	9.801	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	10428	0.381	ppbv	96
3) Chlorodifluoromethane	1.473	51	9747	0.349	ppbv	97
4) Chloromethane	1.528	50	2809	0.251	ppbv #	86
6) Bromomethane	1.657	94	186	0.037	ppbv #	4
7) Chloroethane	1.703	64	596	0.133	ppbv #	85
9) Propene	1.486	41	7879	0.615	ppbv	84
10) Heptane	4.972	43	7577	0.222	ppbv #	37
11) Trichlorofluoromethane	1.877	101	5528	0.208	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.133	101	1407	0.064	ppbv	98
13) Ethanol	1.719	45	58391	48.187	ppbv	80
15) Acetone	1.835	43	82901	3.197	ppbv #	82
16) 1,3-Butadiene	1.599	39	1297	0.102	ppbv #	11
17) tert-Butyl alcohol	2.042	59	13650	0.423	ppbv	95
19) Isopropyl Alcohol	1.887	45	11631	0.795	ppbv #	1
20) Methylene Chloride	2.059	84	7860	0.814	ppbv #	86
21) Allyl Chloride	2.078	41	2669	0.146	ppbv #	59
23) Vinyl Acetate	2.473	43	64181	5.719	ppbv #	50
25) Ethyl Acetate	2.822	43	41018	0.609	ppbv #	83
26) Hexane	2.822	57	57580	2.215	ppbv #	34
29) Chloroform	2.845	83	1640	0.043	ppbv	100
30) Cyclohexane	3.849	84	6200	0.275	ppbv #	87
34) 2-Butanone	2.560	43	20631	0.543	ppbv	95
35) Carbon Tetrachloride	3.758	117	1881	0.046	ppbv #	82
36) Benzene	3.651	78	38888	0.749	ppbv	99
39) 1,2-Dichloropropane	3.955	63	138319	7.316	ppbv #	21
44) 2,2,4-Trimethylpentane	4.641	57	26219	0.299	ppbv #	77
50) 4-Methyl-2-Pentanone	5.761	43	44105	0.733	ppbv	92
53) Toluene	6.930	91	159613	2.593	ppbv	99
58) Ethyl Benzene	9.351	91	32819	0.381	ppbv	93
59) m/p-Xylene	9.529	91	96052	1.398	ppbv	100
60) o-Xylene	9.959	91	38965	0.566	ppbv	97
61) Styrene	9.869	104	86112	2.528	ppbv	99
62) Isopropylbenzene	10.539	105	4633	0.045	ppbv	96
64) n-propylbenzene	10.992	120	1218	0.046	ppbv #	1
65) tert-Butylbenzene	11.532	119	3977	0.042	ppbv #	62
72) 4-Ethyltoluene	11.124	105	10792	0.126	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	10875	0.145	ppbv	92
74) 1,2,4-Trimethylbenzene	11.536	105	35817	0.415	ppbv #	66

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

Quant Time: Mar 28 02:16:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

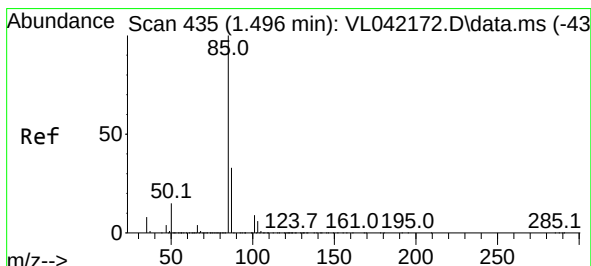
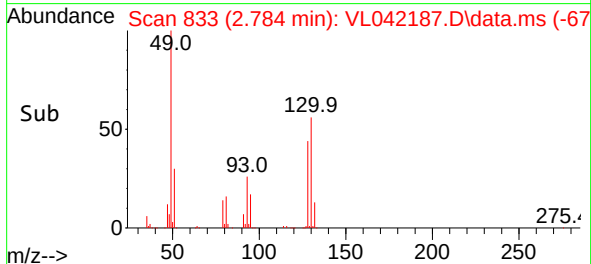
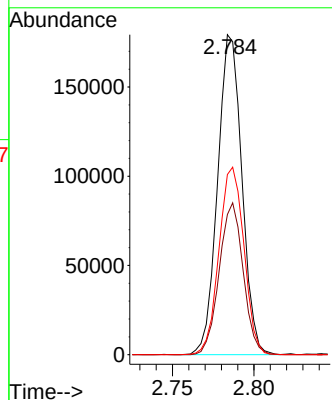
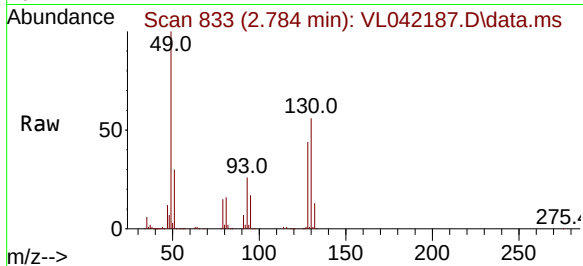




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL042187.D
 Acq: 27 Mar 2025 19:36

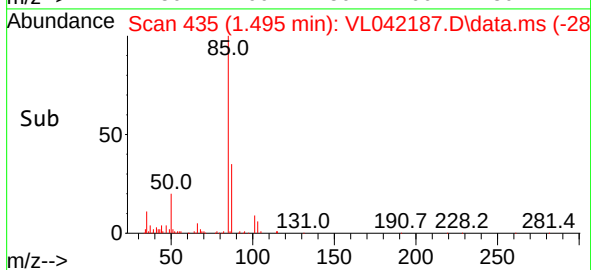
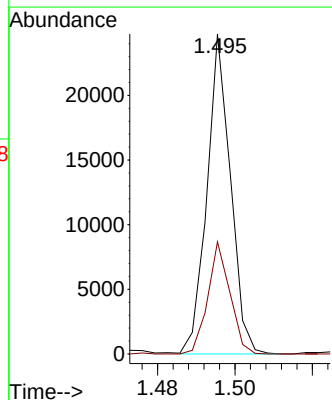
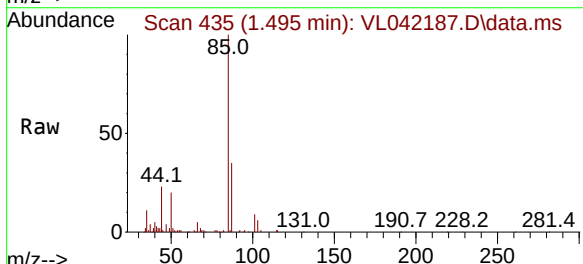
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-1-3262025

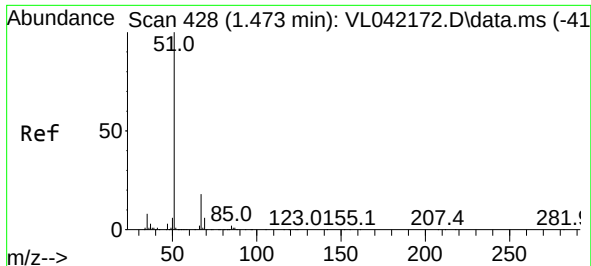
Tgt Ion: 49 Resp: 185410
 Ion Ratio Lower Upper
 49 100
 128 46.8 22.9 68.5
 130 60.2 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 0.381 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.000 min
 Lab File: VL042187.D
 Acq: 27 Mar 2025 19:36

Tgt Ion: 85 Resp: 10428
 Ion Ratio Lower Upper
 85 100
 87 35.1 26.1 39.1

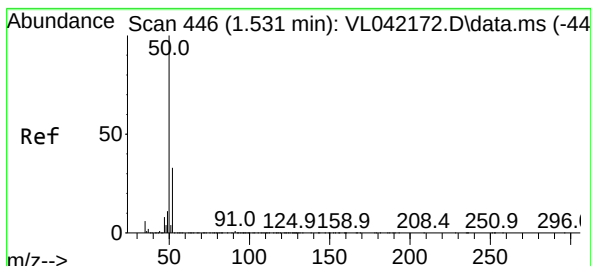
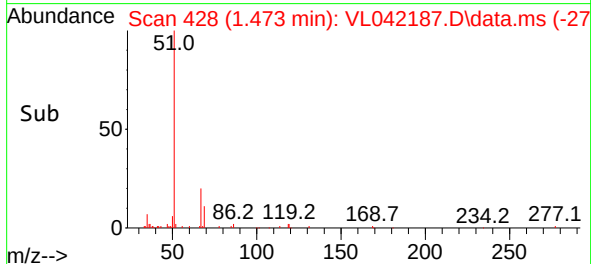
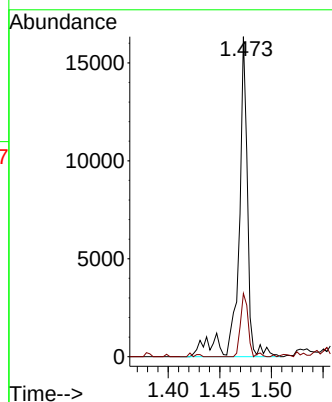
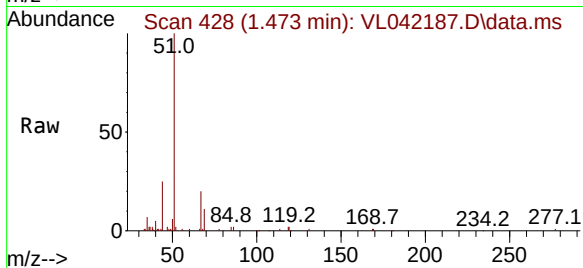




#3
Chlorodifluoromethane
Concen: 0.349 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

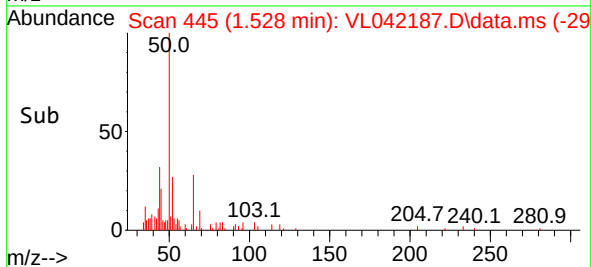
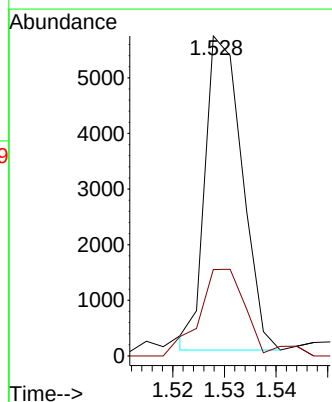
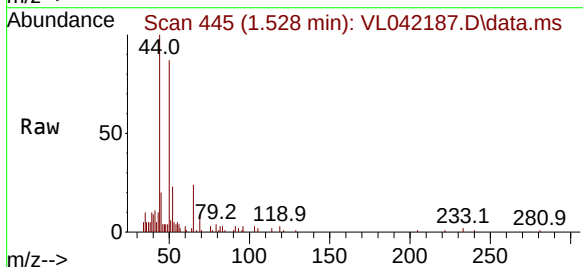
Instrument :
MSVOA_1
ClientSampleId :
IA-B9-1-3262025

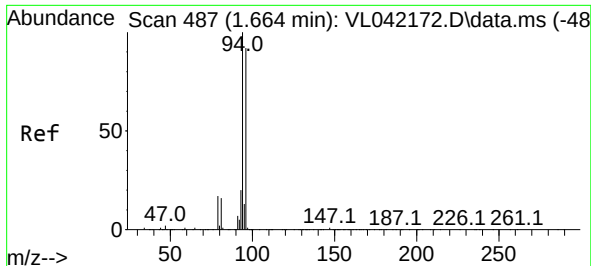
Tgt Ion: 51 Resp: 9747
Ion Ratio Lower Upper
51 100
67 17.4 15.0 22.6



#4
Chloromethane
Concen: 0.251 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.004 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 50 Resp: 2809
Ion Ratio Lower Upper
50 100
52 24.5 26.1 39.1#

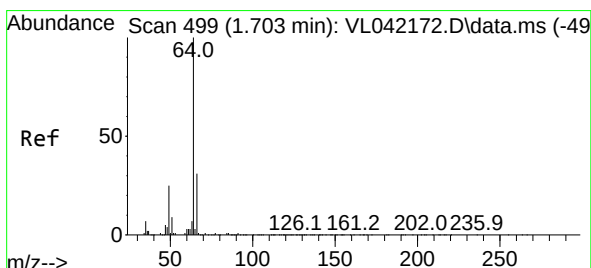
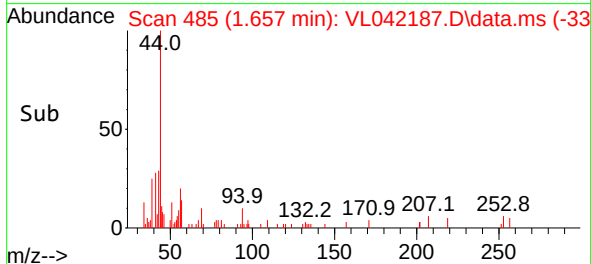
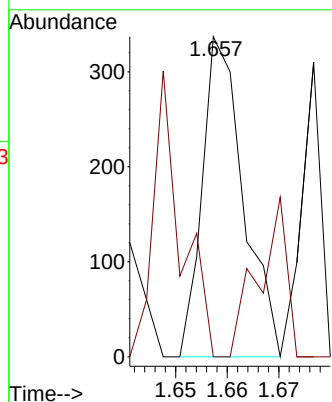
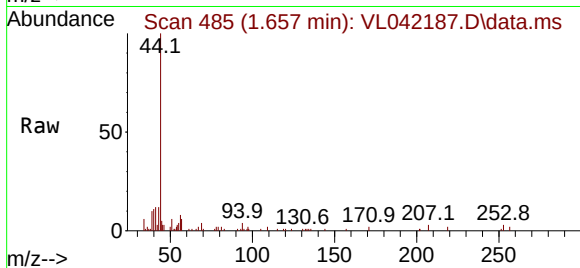




#6
Bromomethane
Concen: 0.037 ppbv
RT: 1.657 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

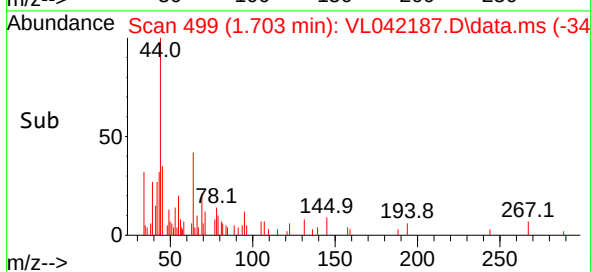
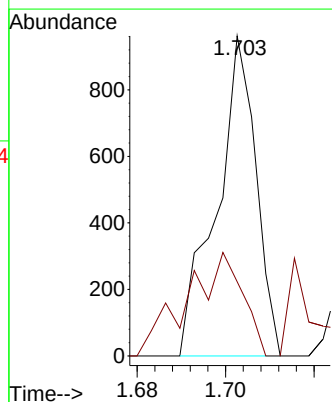
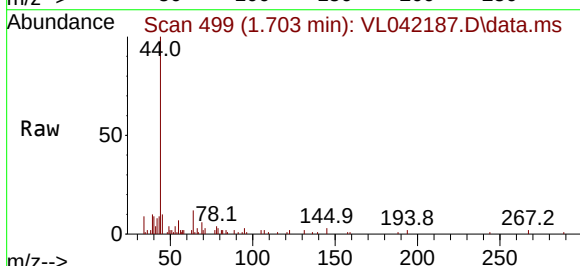
Instrument :
MSVOA_1
ClientSampleId :
IA-B9-1-3262025

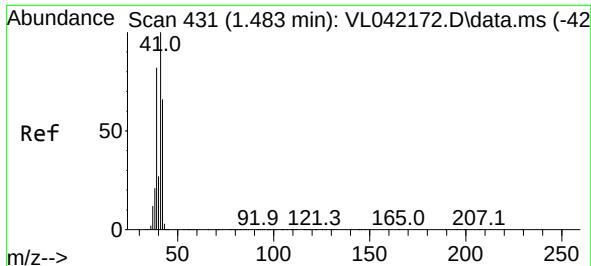
Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#7
Chloroethane
Concen: 0.133 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 64 Resp: 596
Ion Ratio Lower Upper
64 100
66 23.2 25.2 37.8#





#9

Propene

Concen: 0.615 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

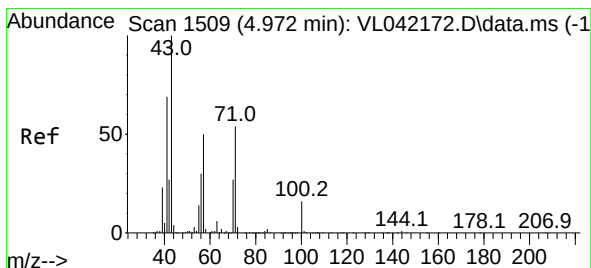
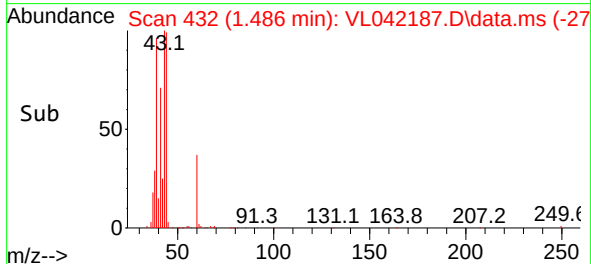
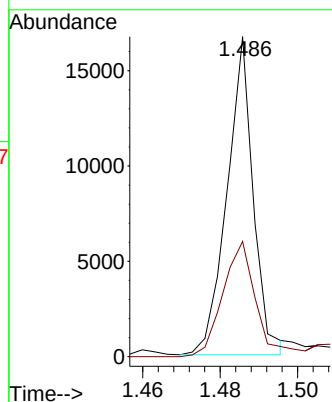
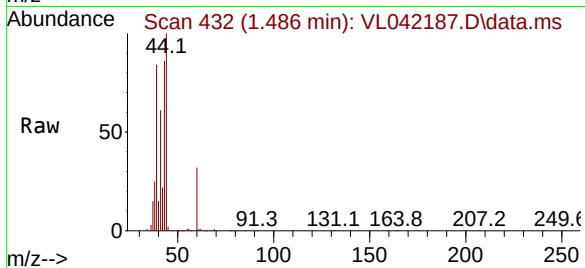
IA-B9-1-3262025

Tgt Ion: 41 Resp: 7879

Ion Ratio Lower Upper

41 100

42 56.3 55.4 83.2



#10

Heptane

Concen: 0.222 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VL042187.D

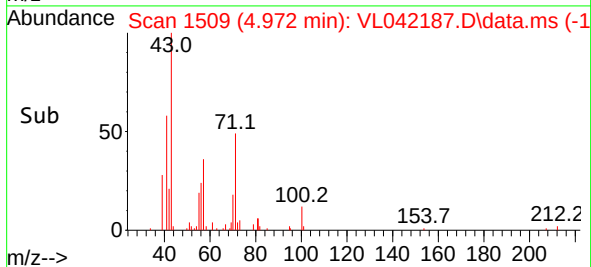
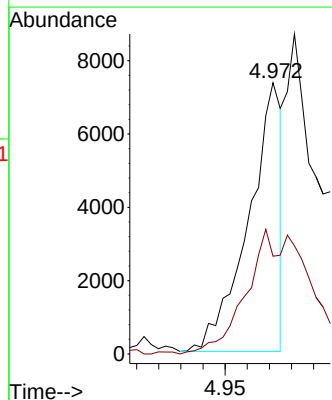
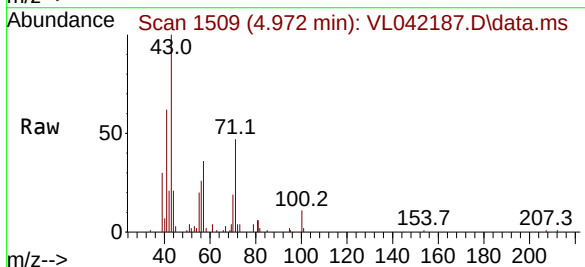
Acq: 27 Mar 2025 19:36

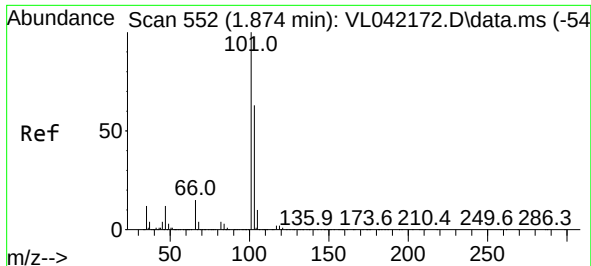
Tgt Ion: 43 Resp: 7577

Ion Ratio Lower Upper

43 100

57 92.2 39.4 59.2#

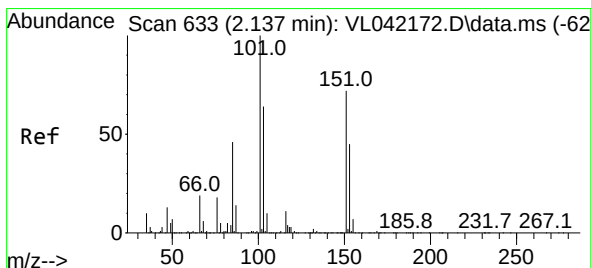
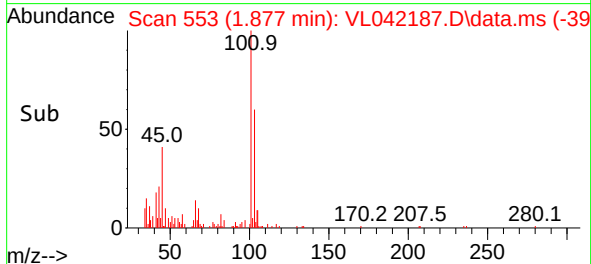
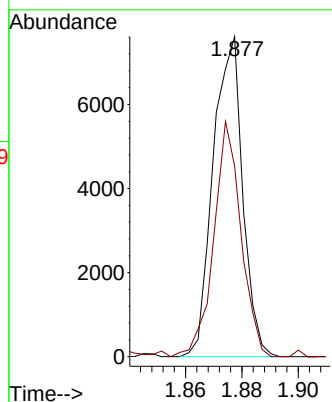
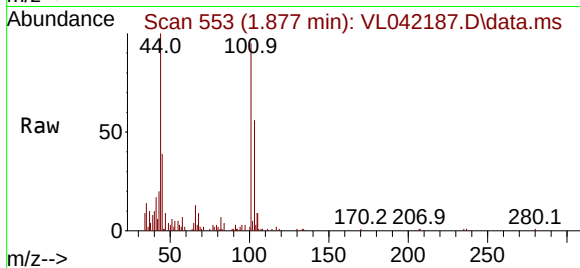




#11
 Trichlorofluoromethane
 Concen: 0.208 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042187.D
 Acq: 27 Mar 2025 19:36

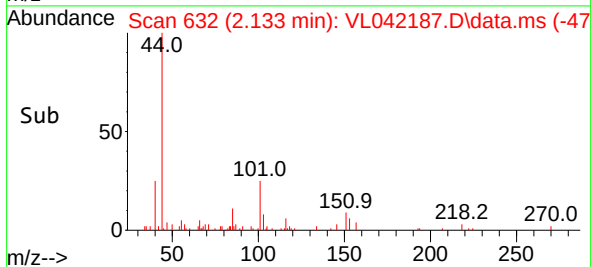
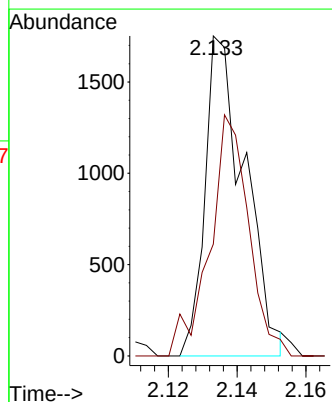
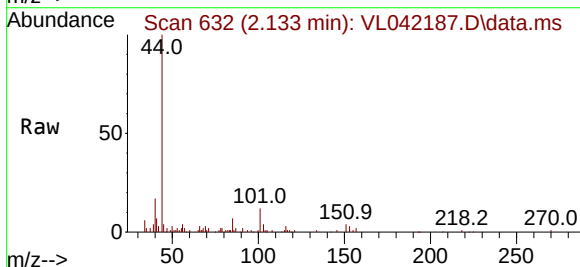
Instrument :
 MSVOA_L
 ClientSampleId :
 LA-B9-1-3262025

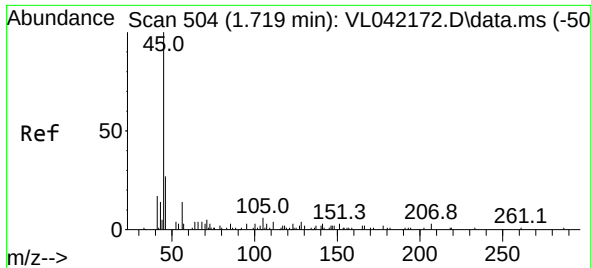
Tgt Ion:101 Resp: 5528
 Ion Ratio Lower Upper
 101 100
 103 59.6 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.064 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. -0.004 min
 Lab File: VL042187.D
 Acq: 27 Mar 2025 19:36

Tgt Ion:101 Resp: 1407
 Ion Ratio Lower Upper
 101 100
 151 73.3 57.1 85.7

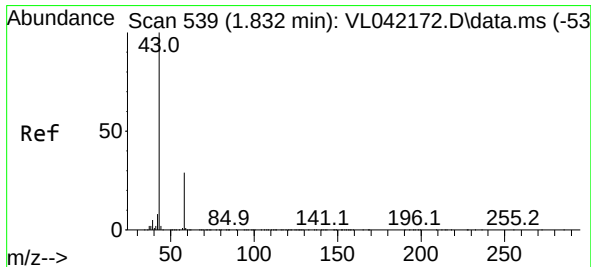
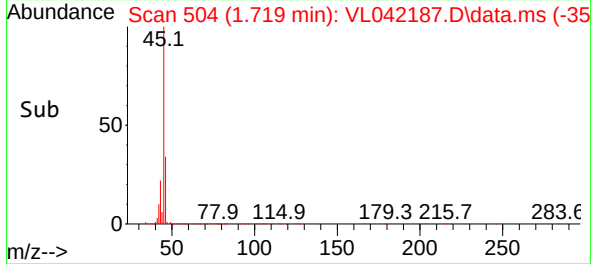
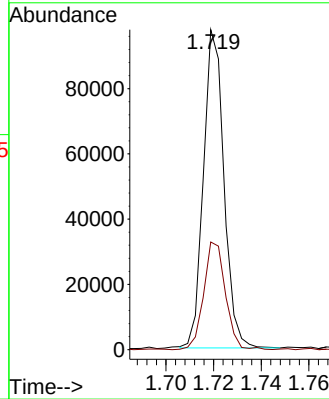
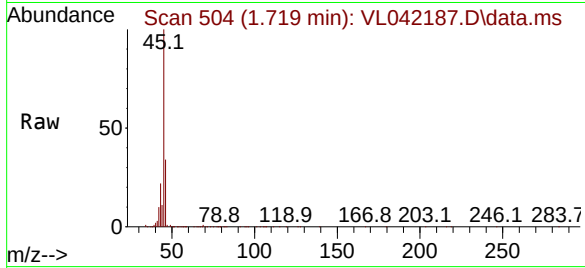




#13
Ethanol
Concen: 48.187 ppbv
RT: 1.719 min Scan# 50
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

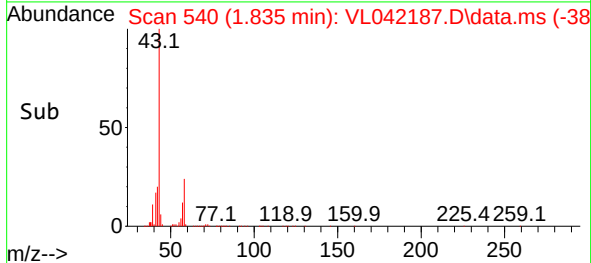
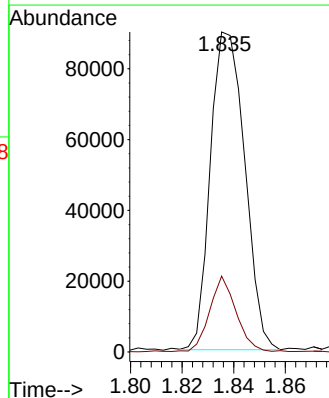
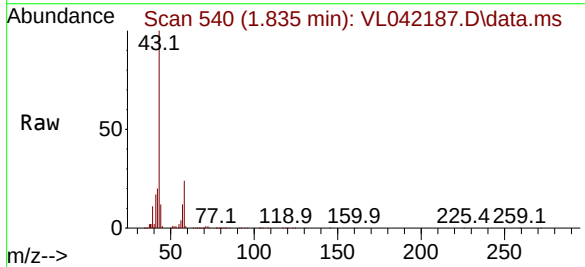
Instrument :
MSVOA_1
ClientSampleId :
IA-B9-1-3262025

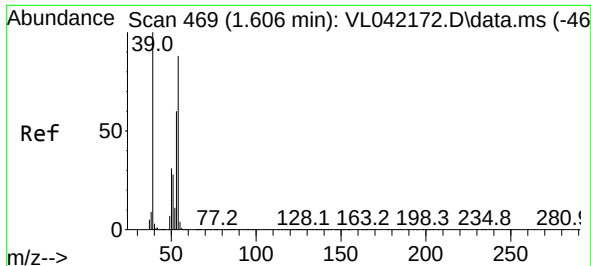
Tgt Ion: 45 Resp: 58391
Ion Ratio Lower Upper
45 100
46 36.4 20.2 80.8



#15
Acetone
Concen: 3.197 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 43 Resp: 82901
Ion Ratio Lower Upper
43 100
58 19.3 23.2 34.8#

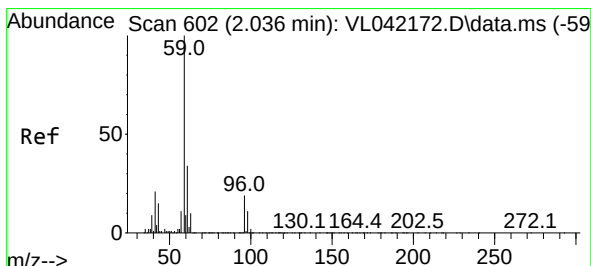
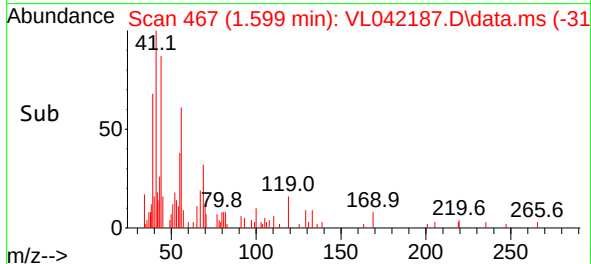
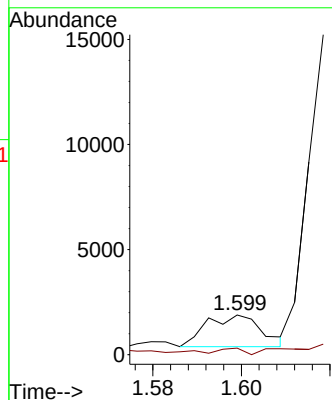
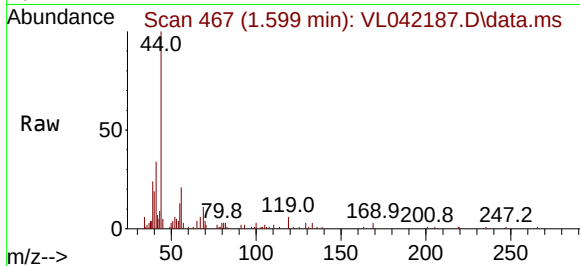




#16
1,3-Butadiene
Concen: 0.102 ppbv
RT: 1.599 min Scan# 467
Delta R.T. -0.007 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

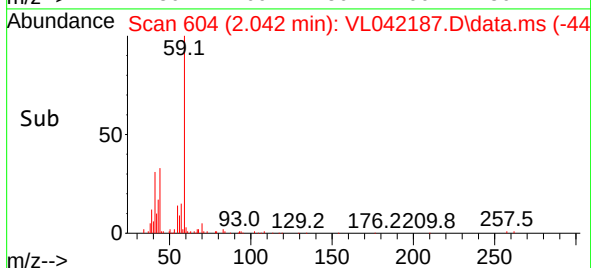
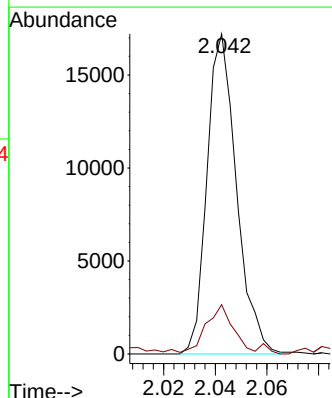
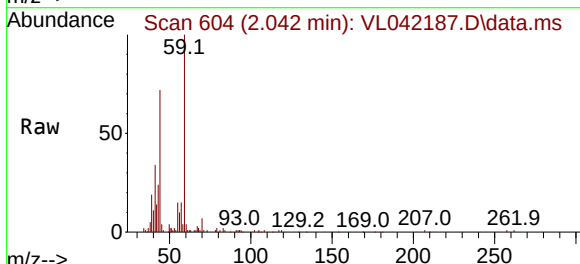
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

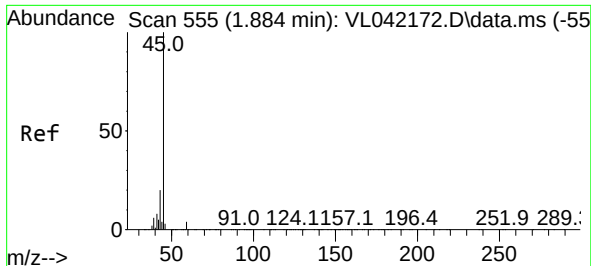
Tgt Ion: 39 Resp: 1297
Ion Ratio Lower Upper
39 100
54 0.0 60.7 91.1#



#17
tert-Butyl alcohol
Concen: 0.423 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 59 Resp: 13650
Ion Ratio Lower Upper
59 100
57 13.1 8.9 13.3

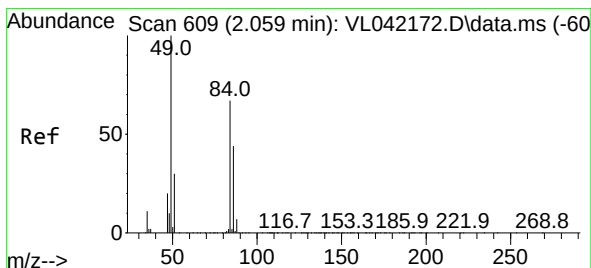
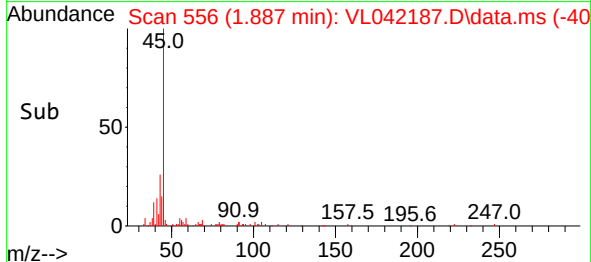
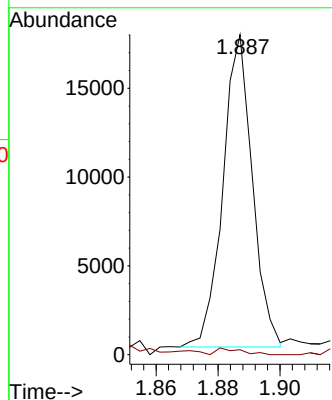
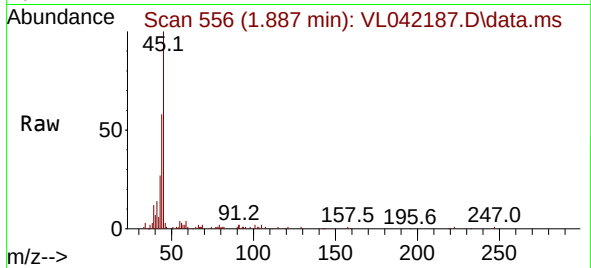




#19
Isopropyl Alcohol
Concen: 0.795 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

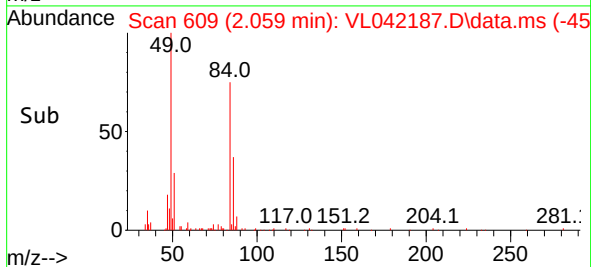
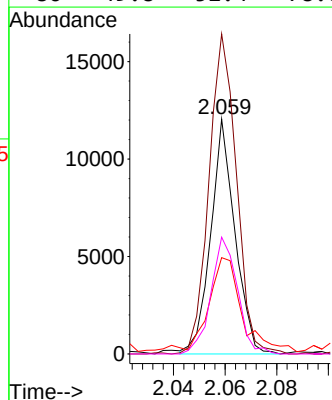
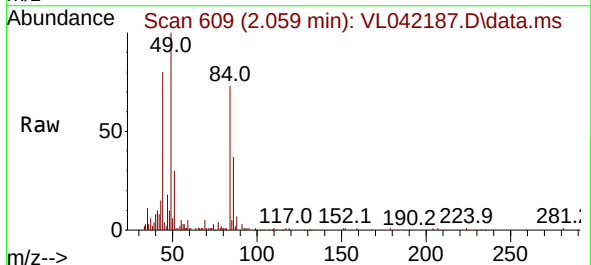
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

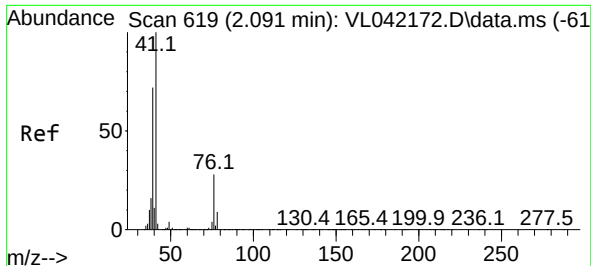
Tgt Ion: 45 Resp: 11631
Ion Ratio Lower Upper
45 100
58 137.8 36.9 55.3#



#20
Methylene Chloride
Concen: 0.814 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 84 Resp: 7860
Ion Ratio Lower Upper
84 100
49 135.0 120.2 180.4
51 38.4 37.4 56.0
86 49.8 52.4 78.6#





#21

Allyl Chloride

Concen: 0.146 ppbv

RT: 2.078 min Scan# 61

Delta R.T. -0.013 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-1-3262025

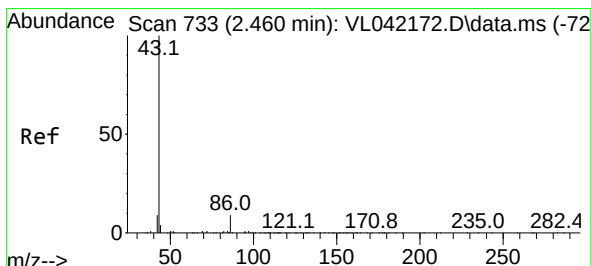
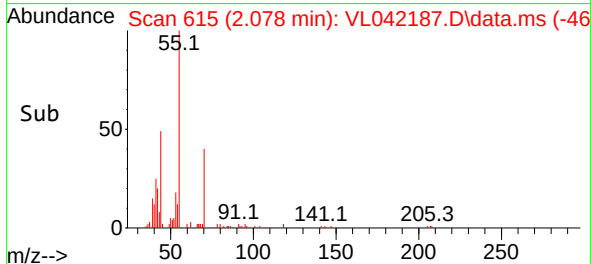
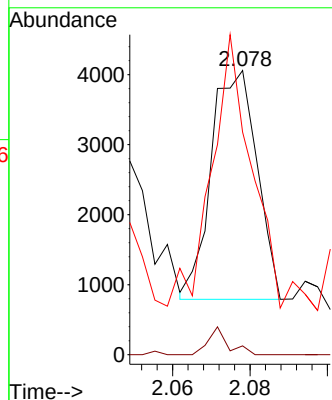
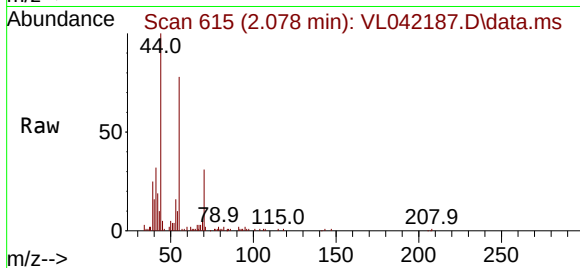
Tgt Ion: 41 Resp: 2669

Ion Ratio Lower Upper

41 100

76 5.2 24.1 36.1#

39 109.9 61.1 91.7#



#23

Vinyl Acetate

Concen: 5.719 ppbv

RT: 2.473 min Scan# 737

Delta R.T. 0.013 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Tgt Ion: 43 Resp: 64181

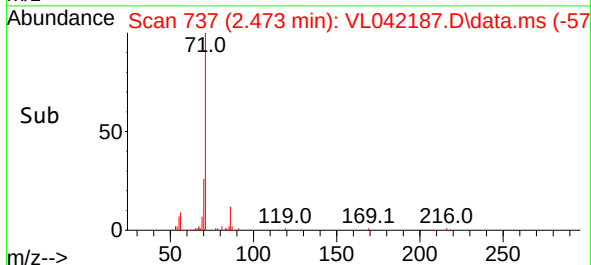
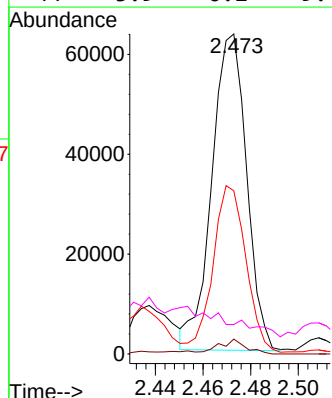
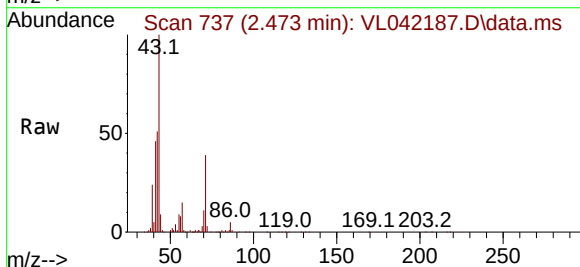
Ion Ratio Lower Upper

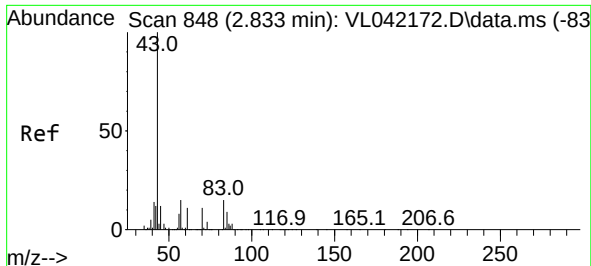
43 100

86 4.7 5.5 8.3#

42 51.2 8.6 13.0#

44 3.9 6.2 9.4#





#25

Ethyl Acetate

Concen: 0.609 ppbv

RT: 2.822 min Scan# 845

Delta R.T. -0.010 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-1-3262025

Tgt Ion: 43 Resp: 41018

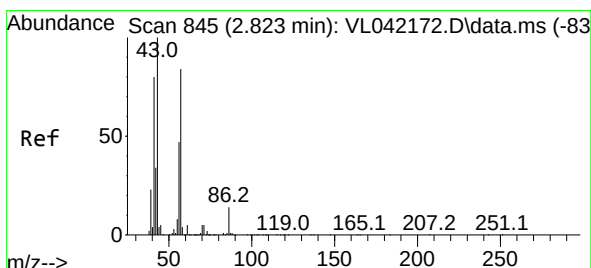
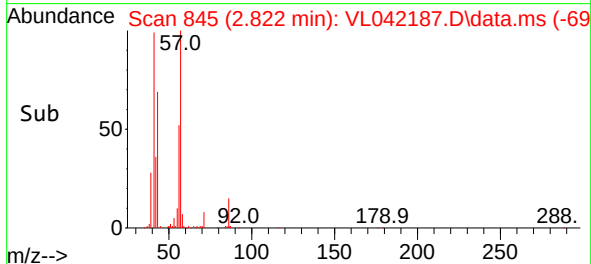
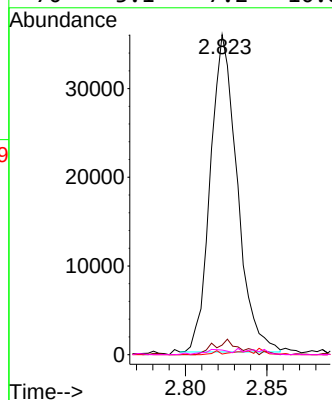
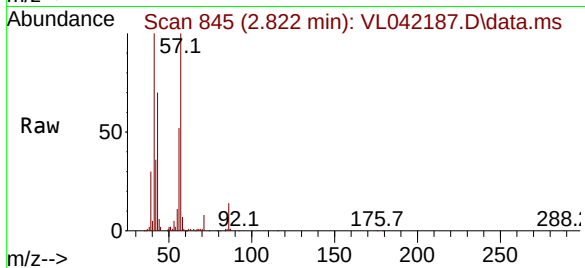
Ion Ratio Lower Upper

43 100

45 4.9 8.2 12.2#

61 1.8 7.3 10.9#

70 3.1 7.2 10.8#



#26

Hexane

Concen: 2.215 ppbv

RT: 2.822 min Scan# 845

Delta R.T. -0.000 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Tgt Ion: 57 Resp: 57580

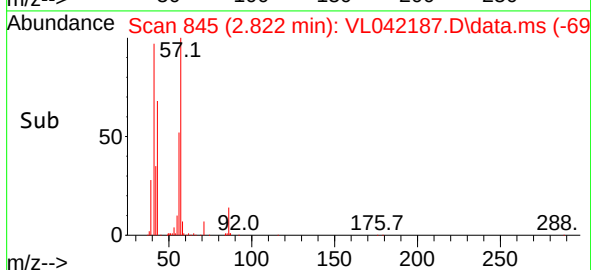
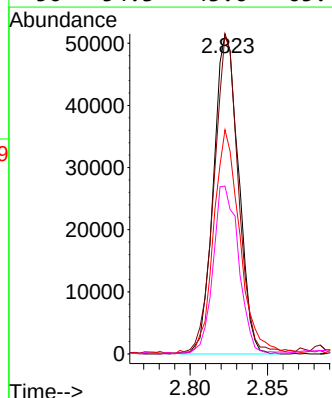
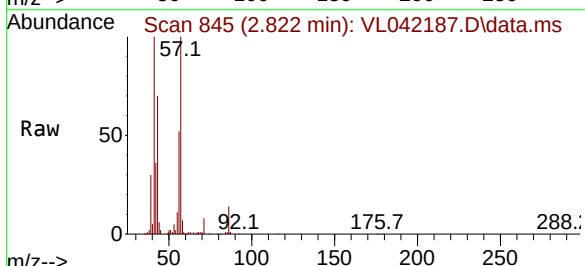
Ion Ratio Lower Upper

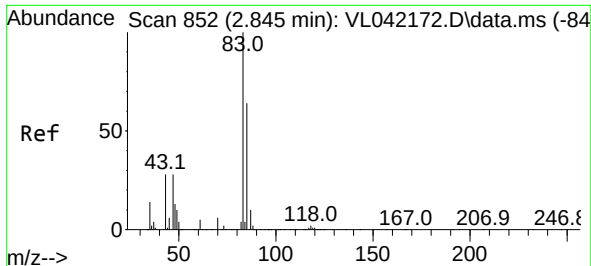
57 100

41 98.0 76.6 114.8

43 74.4 207.8 311.8#

56 54.3 43.6 65.4





#29

Chloroform

Concen: 0.043 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

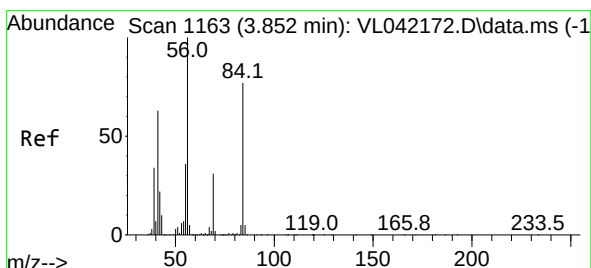
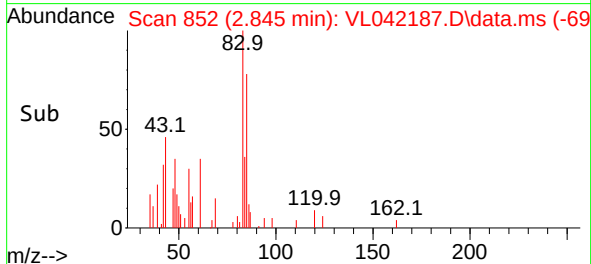
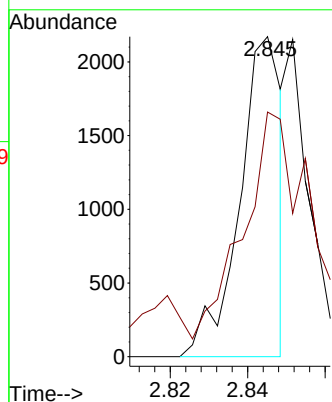
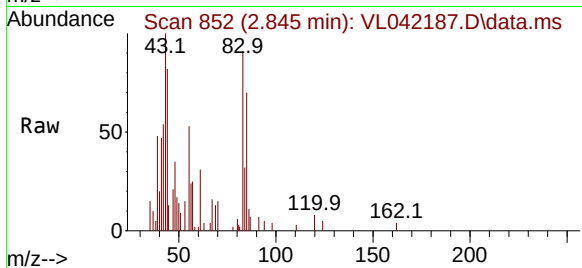
IA-B9-1-3262025

Tgt Ion: 83 Resp: 1640

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2



#30

Cyclohexane

Concen: 0.275 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.004 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

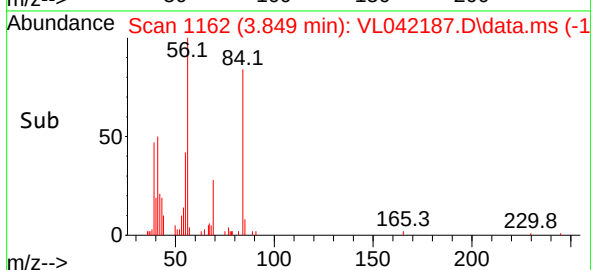
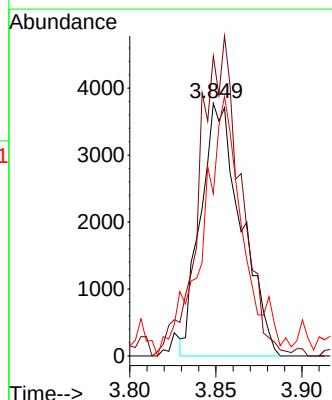
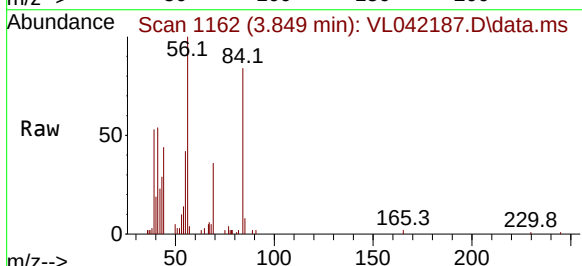
Tgt Ion: 84 Resp: 6200

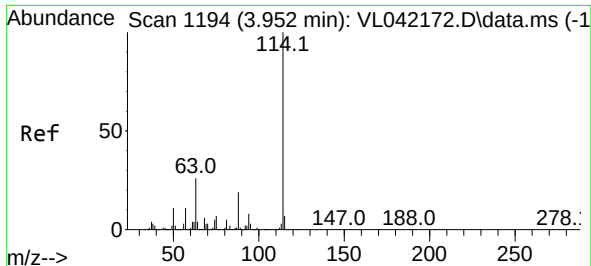
Ion Ratio Lower Upper

84 100

56 131.8 102.8 154.2

41 109.3 66.5 99.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.003 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-1-3262025

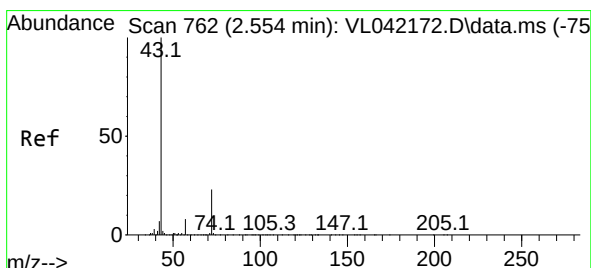
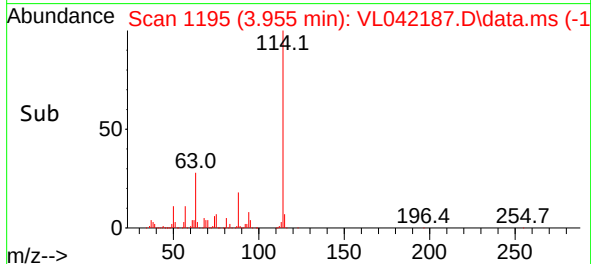
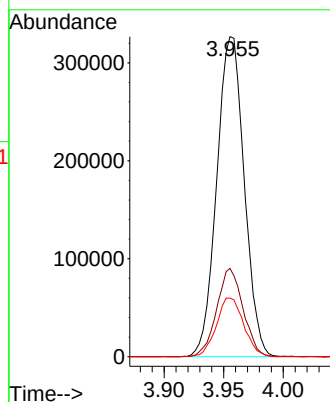
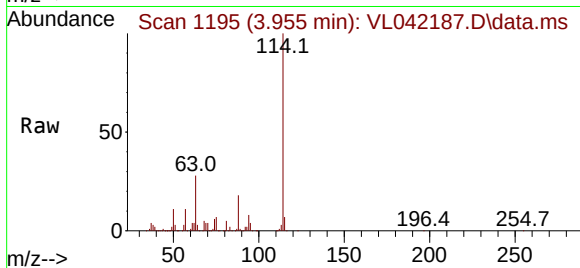
Tgt Ion:114 Resp: 523694

Ion Ratio Lower Upper

114 100

63 26.4 20.7 31.1

88 18.3 15.0 22.4



#34

2-Butanone

Concen: 0.543 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.006 min

Lab File: VL042187.D

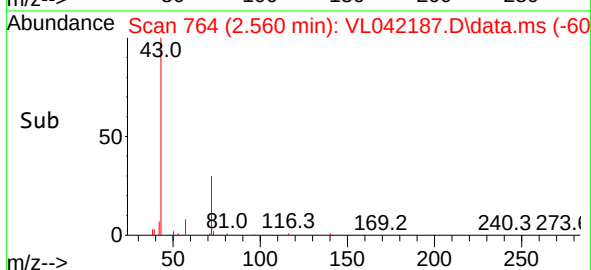
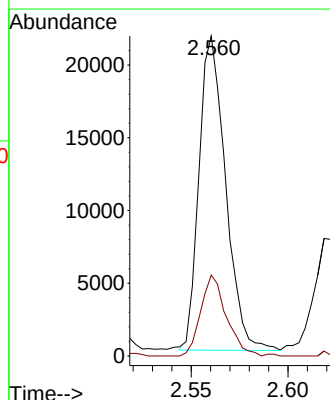
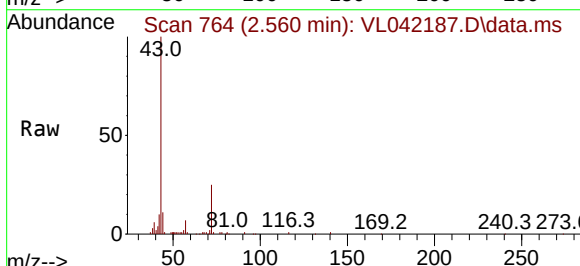
Acq: 27 Mar 2025 19:36

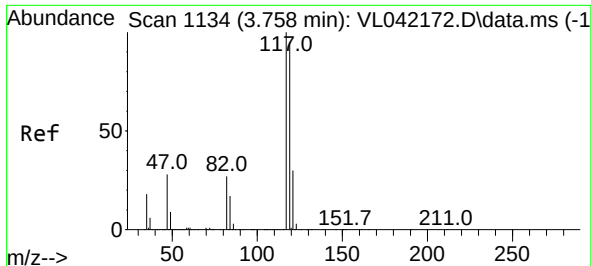
Tgt Ion: 43 Resp: 20631

Ion Ratio Lower Upper

43 100

72 24.9 18.2 27.2

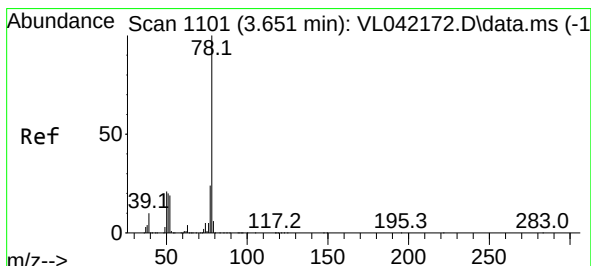
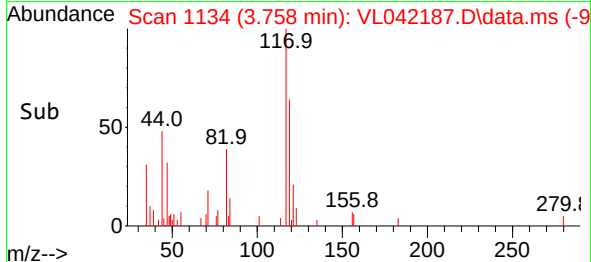
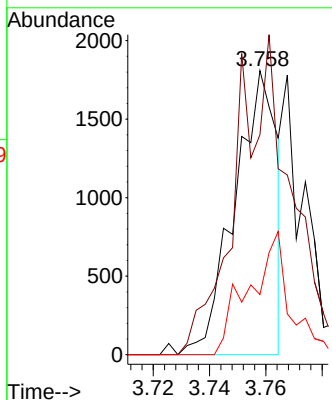
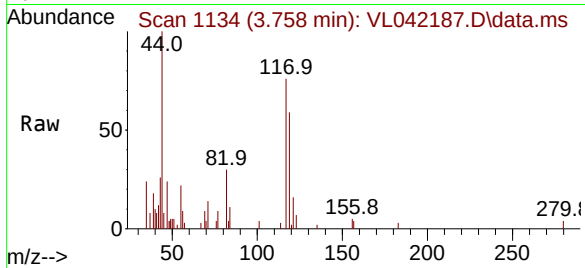




#35
Carbon Tetrachloride
Concen: 0.046 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

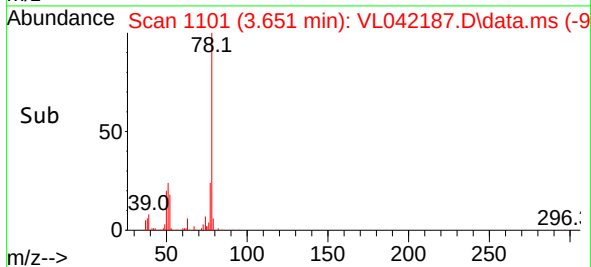
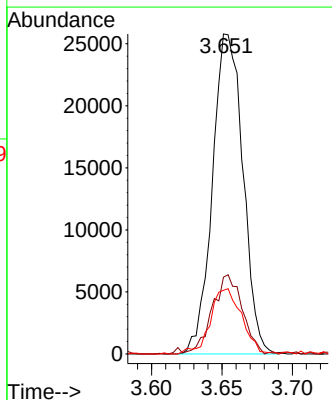
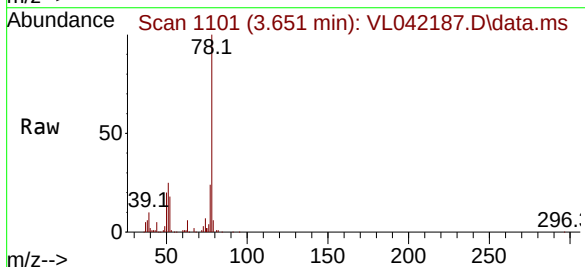
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

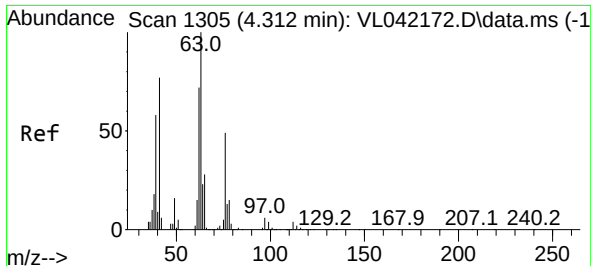
Tgt Ion:117 Resp: 1881
Ion Ratio Lower Upper
117 100
119 77.4 76.2 114.2
121 21.2 24.2 36.4#



#36
Benzene
Concen: 0.749 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 78 Resp: 38888
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
50 19.9 16.6 24.8





#39

1,2-Dichloropropane

Concen: 7.316 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.356 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-1-3262025

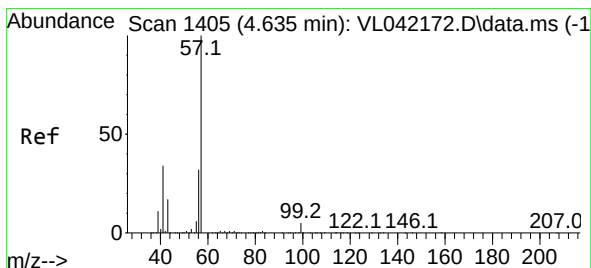
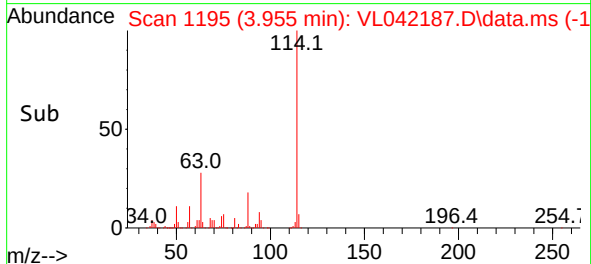
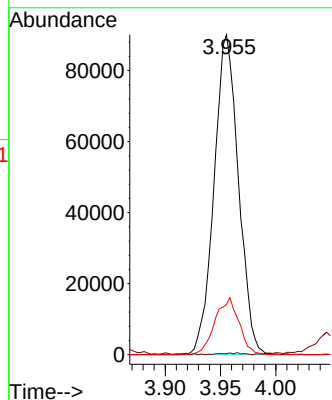
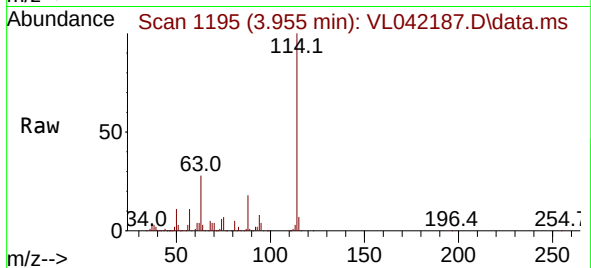
Tgt Ion: 63 Resp: 138319

Ion Ratio Lower Upper

63 100

41 0.0 61.7 92.5#

62 15.7 57.6 86.4#



#44

2,2,4-Trimethylpentane

Concen: 0.299 ppbv

RT: 4.641 min Scan# 1407

Delta R.T. 0.006 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

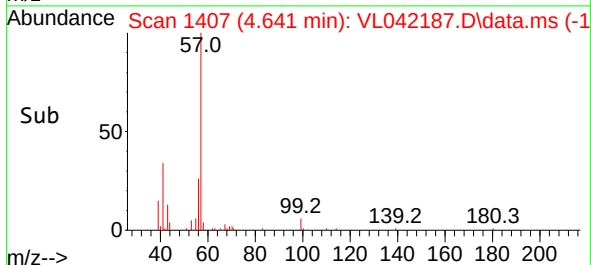
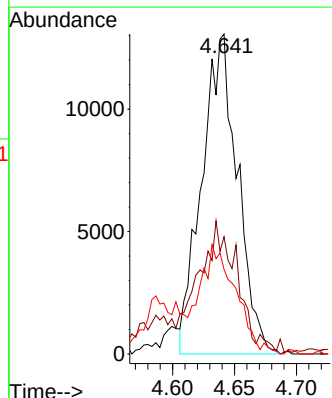
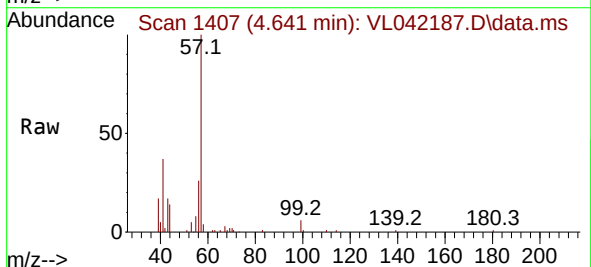
Tgt Ion: 57 Resp: 26219

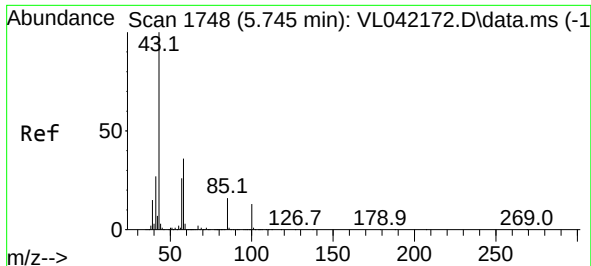
Ion Ratio Lower Upper

57 100

41 54.7 26.8 40.2#

56 36.5 25.6 38.4

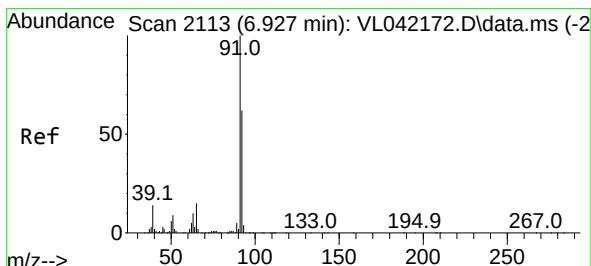
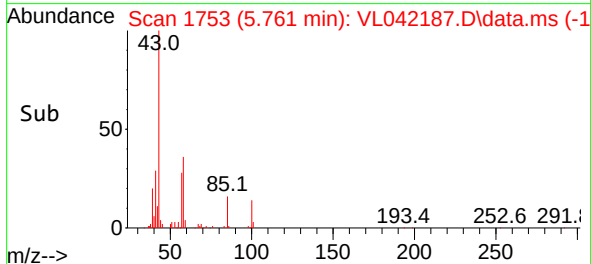
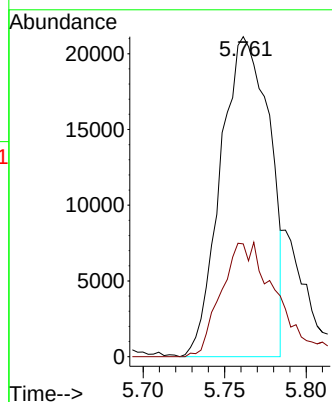
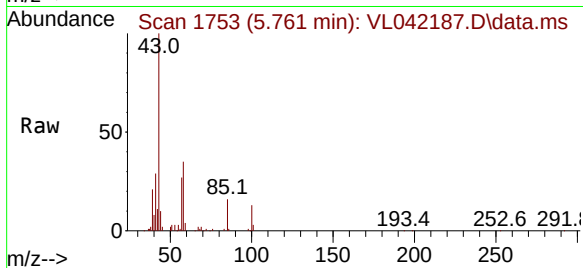




#50
 4-Methyl-2-Pentanone
 Concen: 0.733 ppbv
 RT: 5.761 min Scan# 1753
 Delta R.T. 0.016 min
 Lab File: VL042187.D
 Acq: 27 Mar 2025 19:36

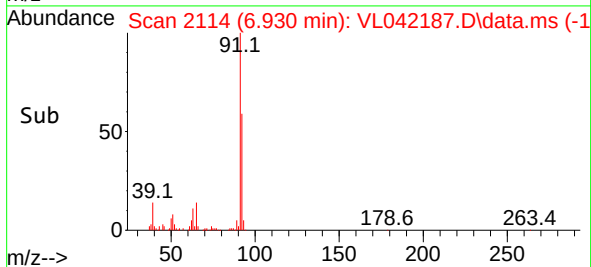
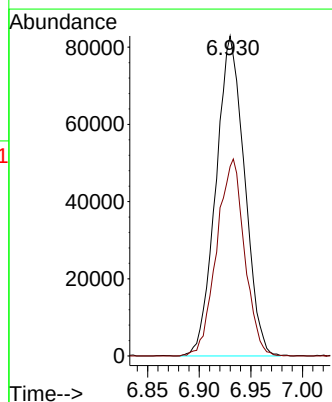
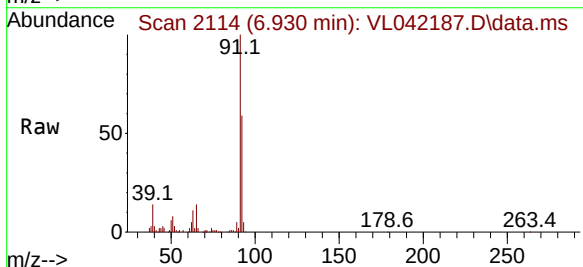
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-1-3262025

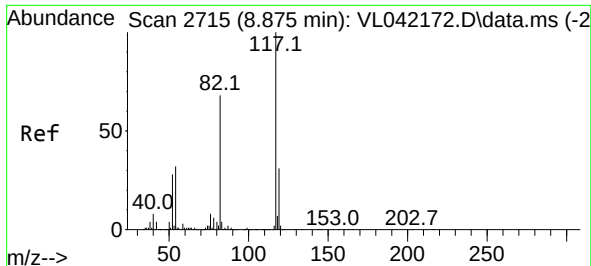
Tgt Ion: 43 Resp: 44105
 Ion Ratio Lower Upper
 43 100
 58 40.9 29.0 43.6



#53
 Toluene
 Concen: 2.593 ppbv
 RT: 6.930 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VL042187.D
 Acq: 27 Mar 2025 19:36

Tgt Ion: 91 Resp: 159613
 Ion Ratio Lower Upper
 91 100
 92 60.1 48.4 72.6

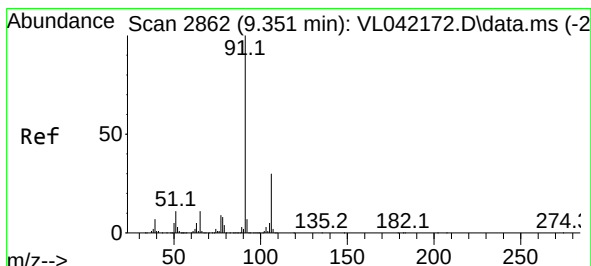
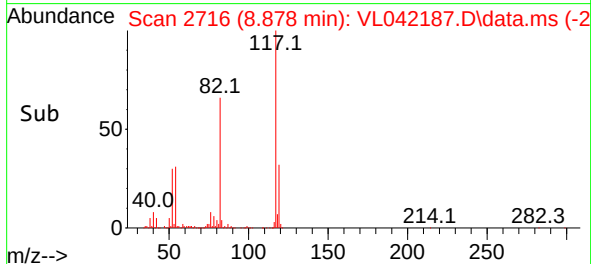
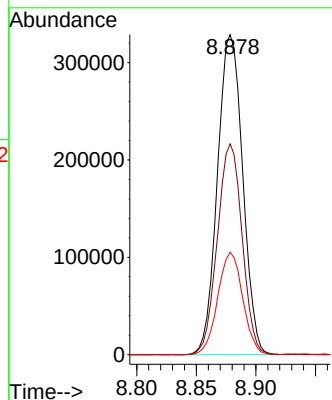
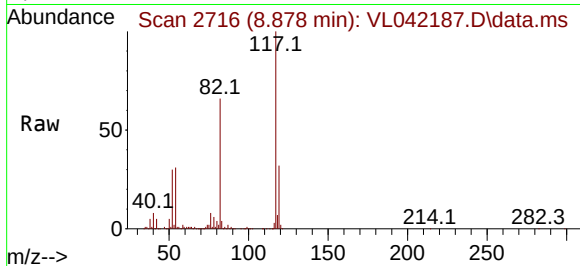




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

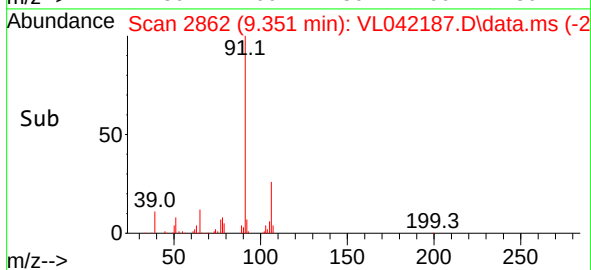
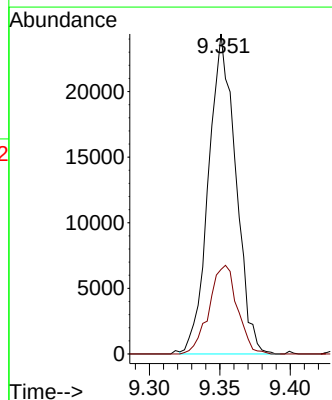
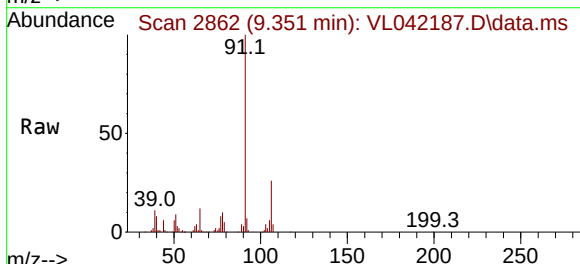
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

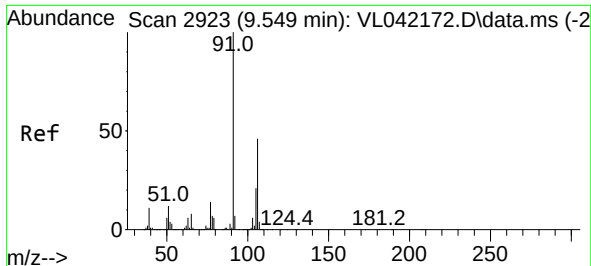
Tgt Ion:117 Resp: 484321
Ion Ratio Lower Upper
117 100
82 64.6 55.8 83.6
119 31.9 25.5 38.3



#58
Ethyl Benzene
Concen: 0.381 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 91 Resp: 32819
Ion Ratio Lower Upper
91 100
106 26.4 24.2 36.2





#59

m/p-Xylene

Concen: 1.398 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.020 min

Lab File: VL042187.D

Acq: 27 Mar 2025 19:36

Instrument :

MSVOA_1

ClientSampleId :

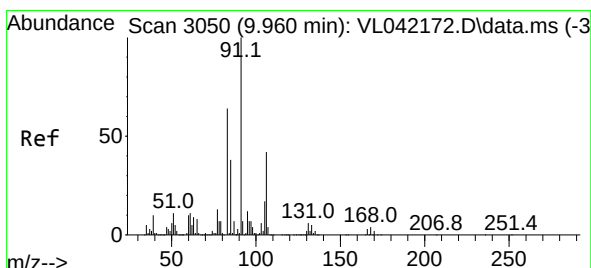
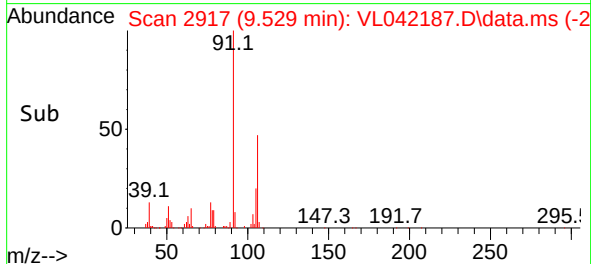
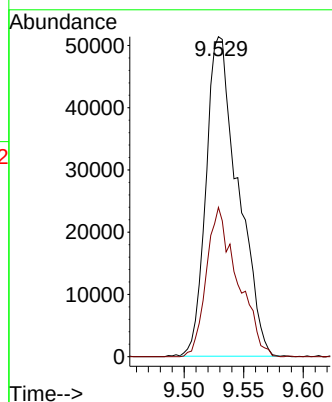
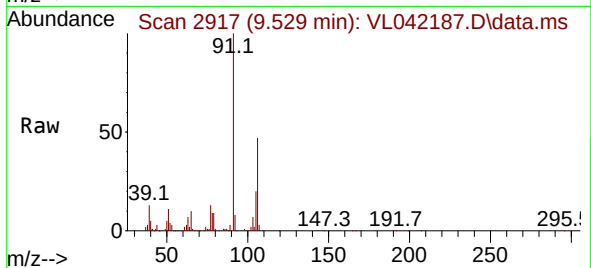
IA-B9-1-3262025

Tgt Ion: 91 Resp: 96052

Ion Ratio Lower Upper

91 100

106 45.6 36.4 54.6



#60

o-Xylene

Concen: 0.566 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VL042187.D

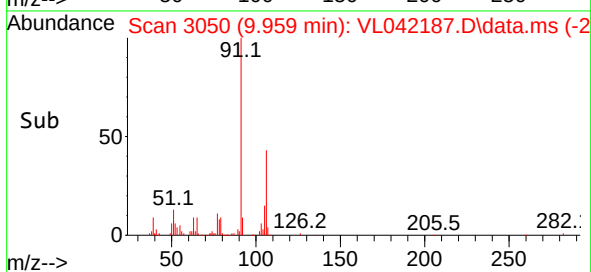
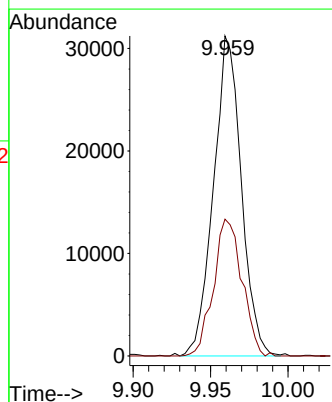
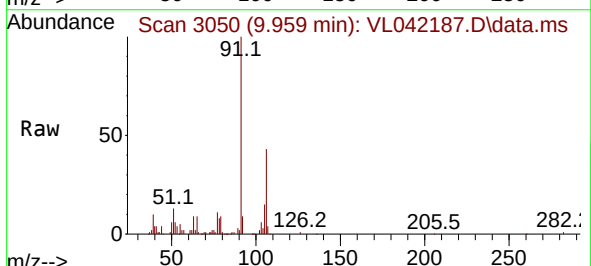
Acq: 27 Mar 2025 19:36

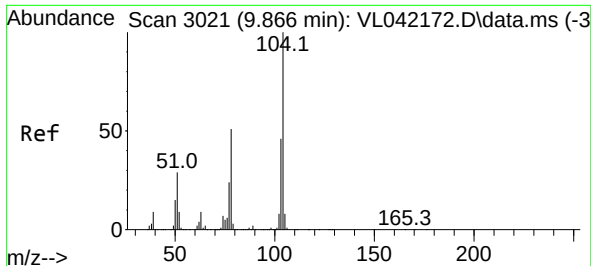
Tgt Ion: 91 Resp: 38965

Ion Ratio Lower Upper

91 100

106 43.9 20.8 62.5

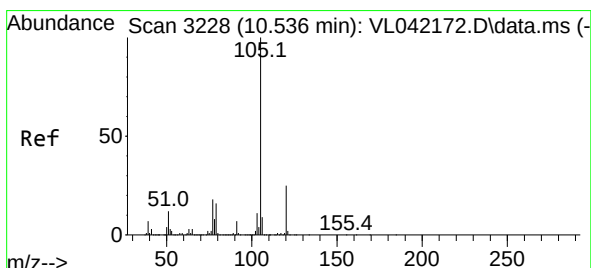
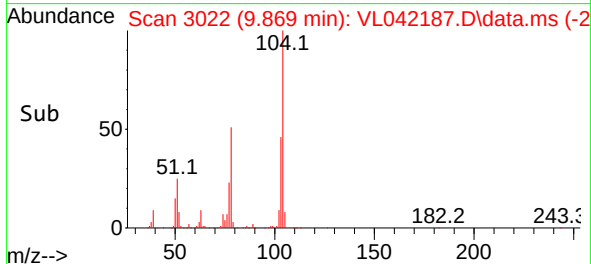
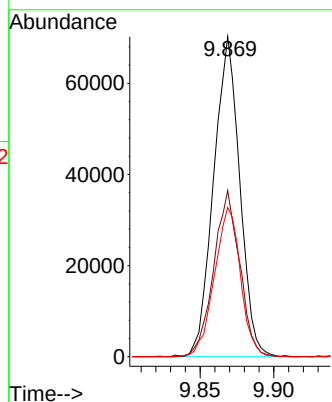
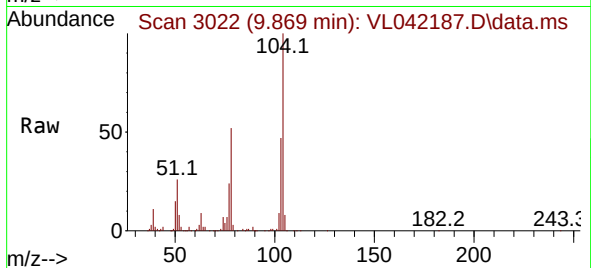




#61
Styrene
Concen: 2.528 ppbv
RT: 9.869 min Scan# 3021
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

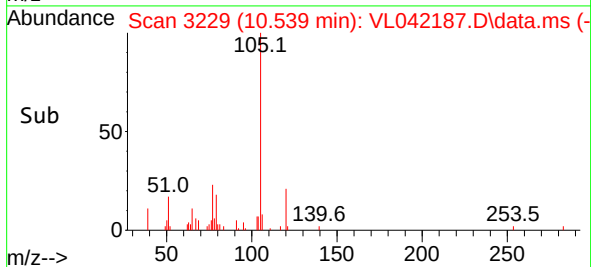
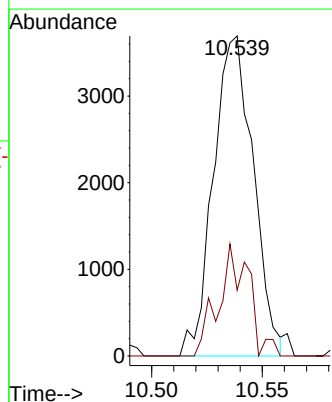
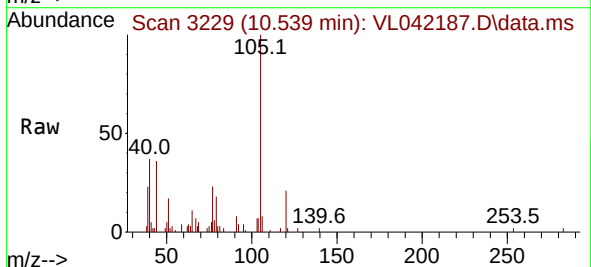
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

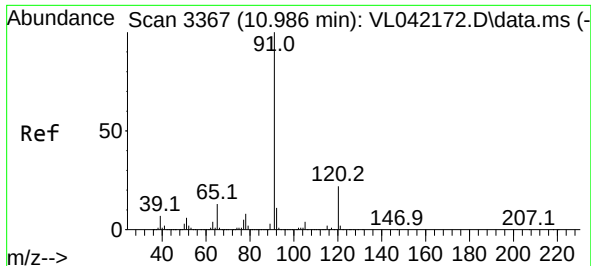
Tgt Ion:104 Resp: 86112
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.6
103 46.9 37.0 55.4



#62
Isopropylbenzene
Concen: 0.045 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion:105 Resp: 4633
Ion Ratio Lower Upper
105 100
120 26.7 19.9 29.9

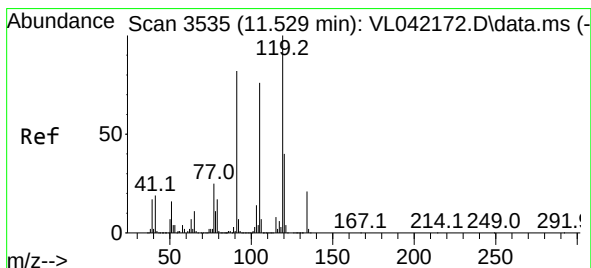
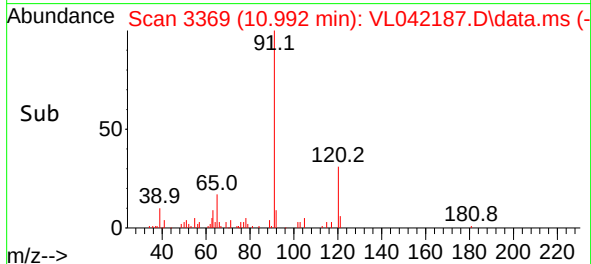
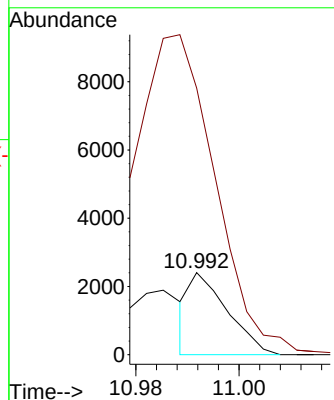
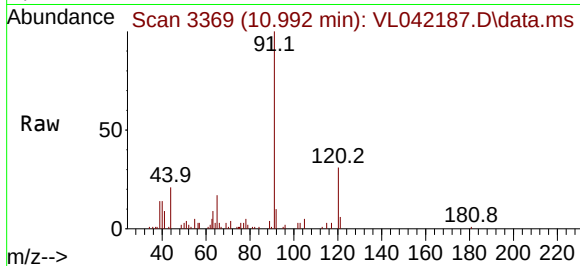




#64
n-propylbenzene
Concen: 0.046 ppbv
RT: 10.992 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

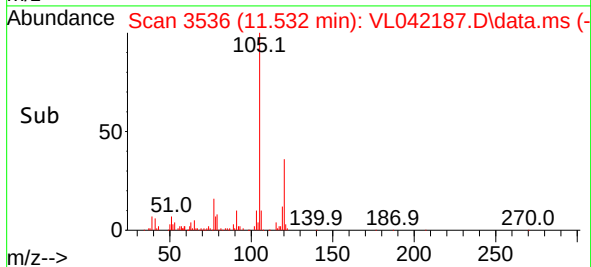
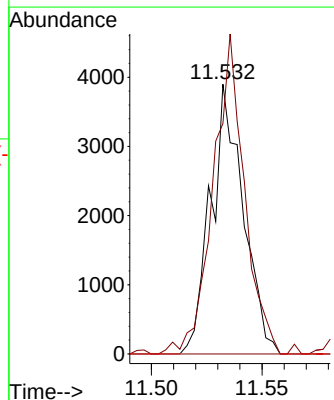
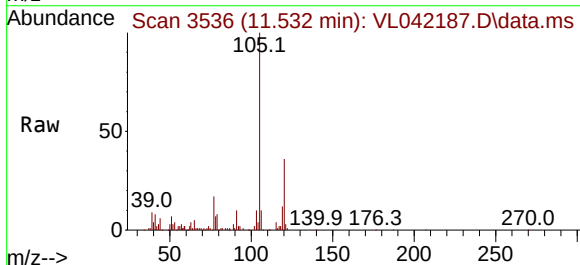
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

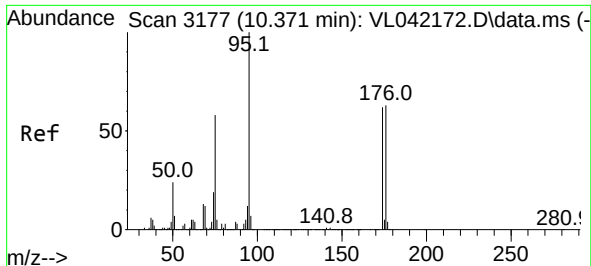
Tgt Ion:120 Resp: 1218
Ion Ratio Lower Upper
120 100
91 914.7 376.9 565.3#



#65
tert-Butylbenzene
Concen: 0.042 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion:119 Resp: 3977
Ion Ratio Lower Upper
119 100
91 114.7 66.0 99.0#
134 0.0 16.7 25.1#

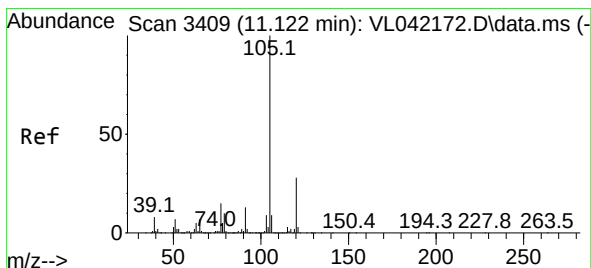
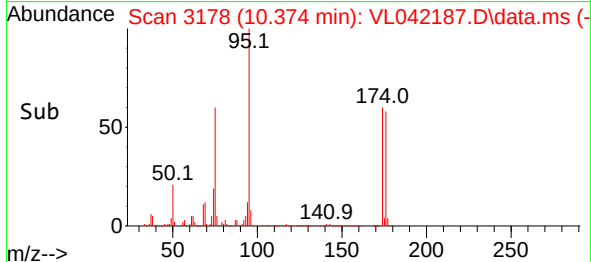
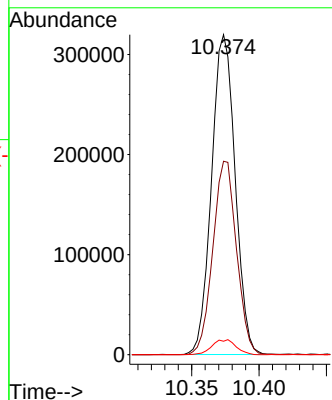
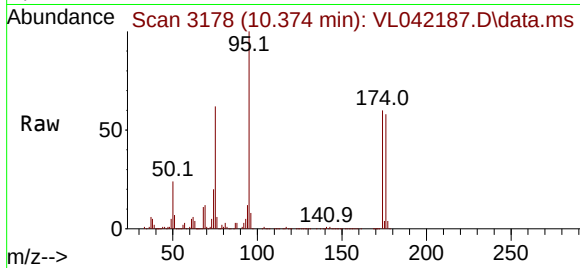




#68
1-Bromo-4-Fluorobenzene
Concen: 9.801 ppbv
RT: 10.374 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

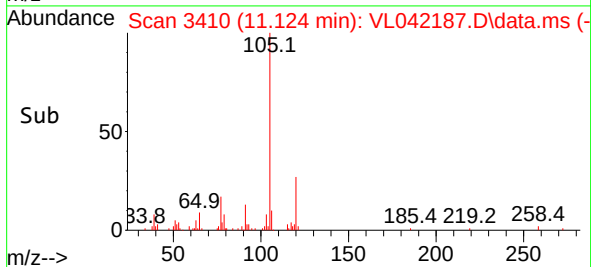
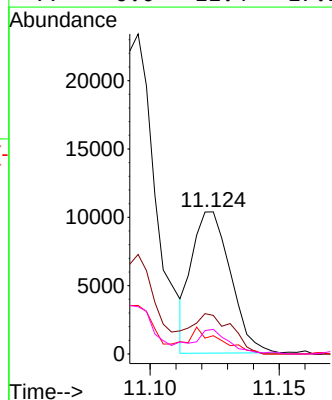
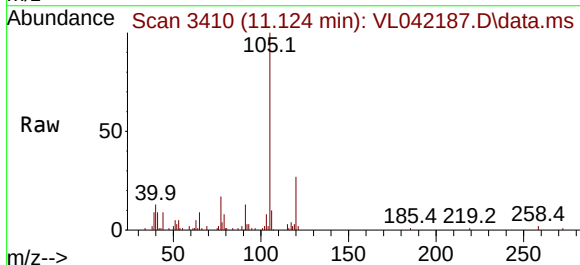
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

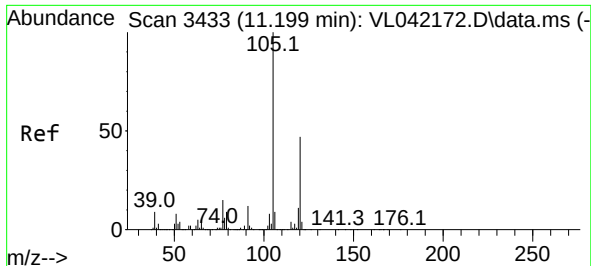
Tgt Ion: 95 Resp: 389805
Ion Ratio Lower Upper
95 100
174 60.8 50.6 76.0
175 4.8 3.8 5.6



#72
4-Ethyltoluene
Concen: 0.126 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion: 105 Resp: 10792
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.0#
91 0.0 10.3 15.5#
77 0.0 11.4 17.2#

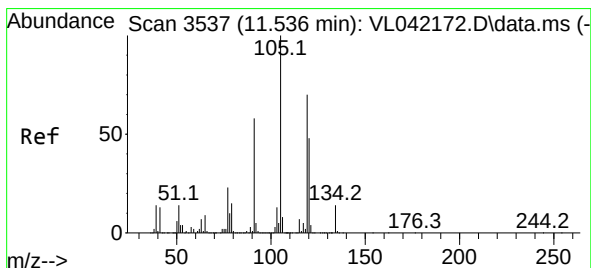
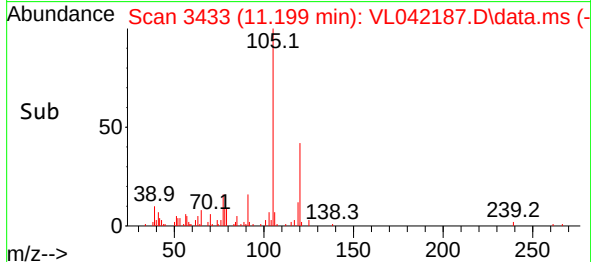
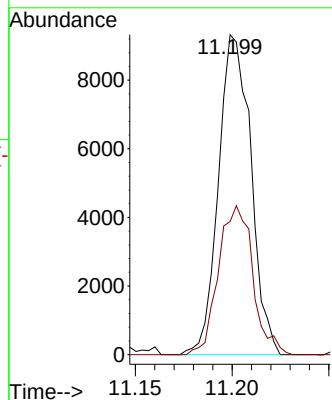
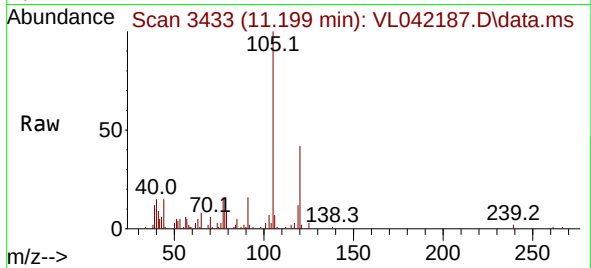




#73
1,3,5-Trimethylbenzene
Concen: 0.145 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

Tgt Ion:105 Resp: 10875
Ion Ratio Lower Upper
105 100
120 41.6 37.4 56.0



#74
1,2,4-Trimethylbenzene
Concen: 0.415 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042187.D
Acq: 27 Mar 2025 19:36

Tgt Ion:105 Resp: 35817
Ion Ratio Lower Upper
105 100
120 39.3 38.6 58.0
91 14.1 46.2 69.2#
77 17.0 18.6 27.8#

