

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042186.D
 Acq On : 27 Mar 2025 18:59
 Operator : SY/MD
 Sample : Q1669-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-2-3262025

Quant Time: Mar 28 02:15:31 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	187729	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	538422	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	491411	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	400118	9.915	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%

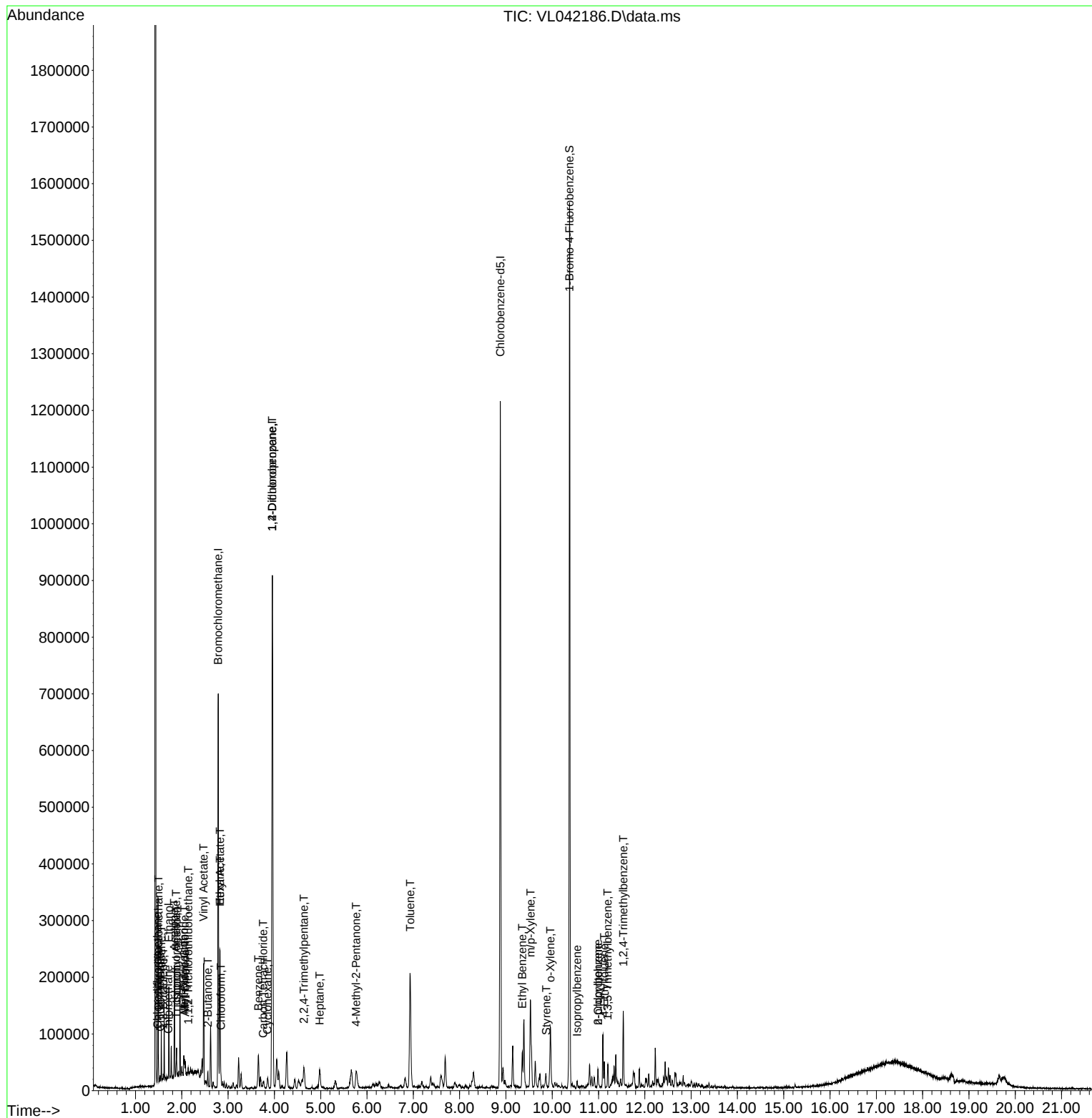
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	11483	0.414	ppbv	94
3) Chlorodifluoromethane	1.473	51	9481	0.335	ppbv	99
4) Chloromethane	1.531	50	2440	0.215	ppbv	96
7) Chloroethane	1.706	64	355	0.078	ppbv #	58
9) Propene	1.557	41	9472	0.730	ppbv	97
10) Heptane	4.978	43	12851	0.372	ppbv	93
11) Trichlorofluoromethane	1.877	101	5432	0.201	ppbv	87
12) 1,1,2-Trichlorotrifluoro...	2.140	101	1424	0.064	ppbv	86
13) Ethanol	1.719	45	57647	46.985	ppbv	83
15) Acetone	1.835	43	64251	2.447	ppbv #	82
16) 1,3-Butadiene	1.599	39	710	0.055	ppbv #	82
17) tert-Butyl alcohol	2.043	59	12249	0.375	ppbv #	83
19) Isopropyl Alcohol	1.887	45	20907	1.411	ppbv #	82
20) Methylene Chloride	2.059	84	3376	0.345	ppbv #	91
21) Allyl Chloride	2.075	41	1290	0.070	ppbv #	1
23) Vinyl Acetate	2.470	43	66536	5.855	ppbv #	51
25) Ethyl Acetate	2.823	43	42904	0.630	ppbv #	81
26) Hexane	2.826	57	60389	2.294	ppbv #	34
29) Chloroform	2.845	83	4455	0.116	ppbv	92
30) Cyclohexane	3.849	84	3691	0.161	ppbv #	58
34) 2-Butanone	2.564	43	16547	0.424	ppbv	96
35) Carbon Tetrachloride	3.758	117	1590	0.038	ppbv #	56
36) Benzene	3.654	78	35891	0.672	ppbv #	90
39) 1,2-Dichloropropane	3.955	63	138560	7.128	ppbv #	24
44) 2,2,4-Trimethylpentane	4.638	57	31601	0.350	ppbv #	80
50) 4-Methyl-2-Pentanone	5.765	43	26447	0.427	ppbv	99
53) Toluene	6.933	91	146301	2.312	ppbv	99
58) Ethyl Benzene	9.351	91	33902	0.388	ppbv #	89
59) m/p-Xylene	9.532	91	96658	1.387	ppbv	97
60) o-Xylene	9.959	91	45203	0.647	ppbv	99
61) Styrene	9.872	104	1858	0.054	ppbv #	1
62) Isopropylbenzene	10.539	105	5047	0.048	ppbv #	88
64) n-propylbenzene	10.989	120	2657	0.099	ppbv #	52
71) 2-Chlorotoluene	10.989	91	15693	0.194	ppbv #	46
72) 4-Ethyltoluene	11.125	105	17501	0.201	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	13983	0.184	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	47154	0.539	ppbv #	63

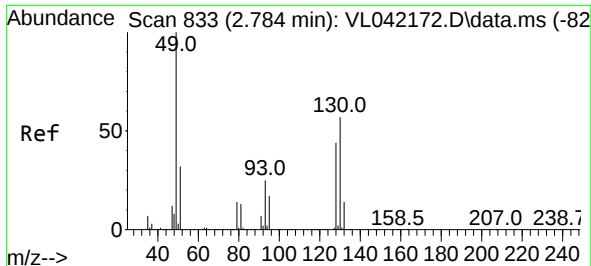
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042186.D
Acq On : 27 Mar 2025 18:59
Operator : SY/MD
Sample : Q1669-02
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

Quant Time: Mar 28 02:15:31 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

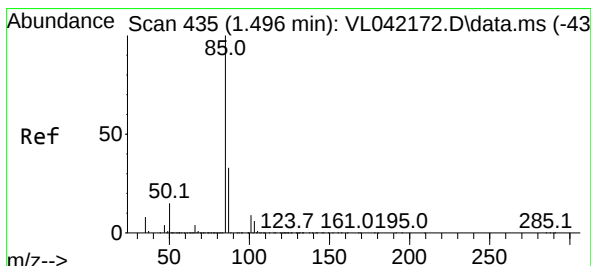
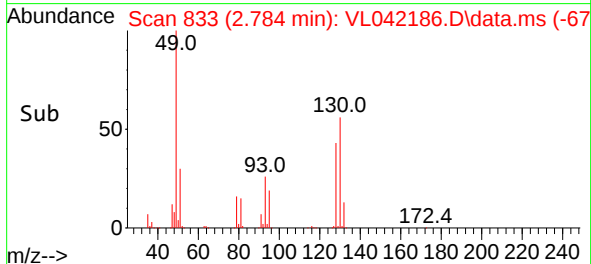
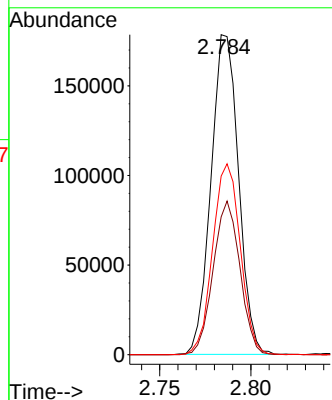
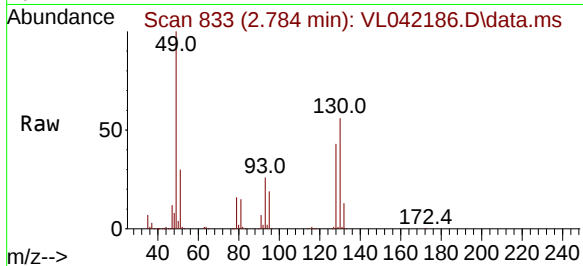




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

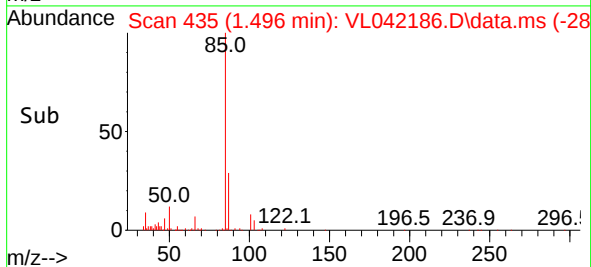
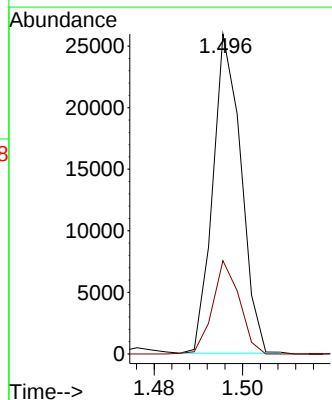
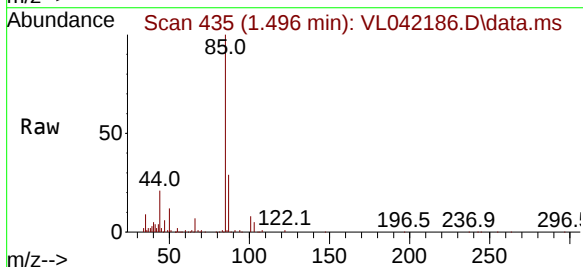
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

Tgt Ion: 49 Resp: 187729
Ion Ratio Lower Upper
49 100
128 46.8 22.9 68.5
130 60.0 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 0.414 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 85 Resp: 11483
Ion Ratio Lower Upper
85 100
87 29.2 26.1 39.1

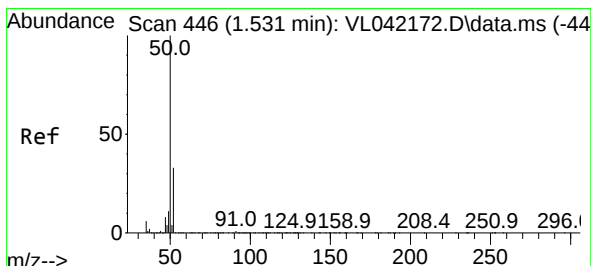
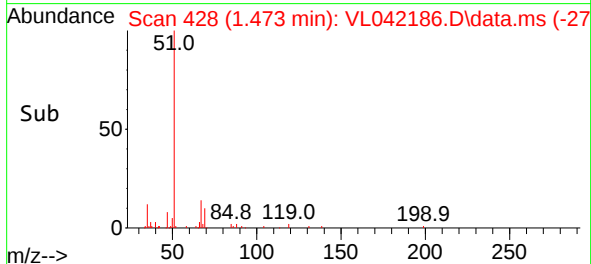
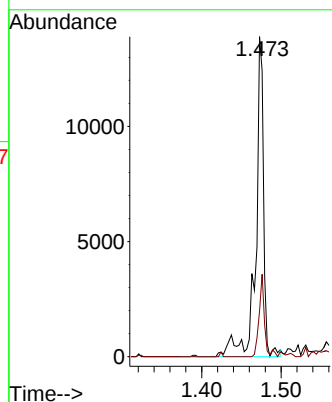
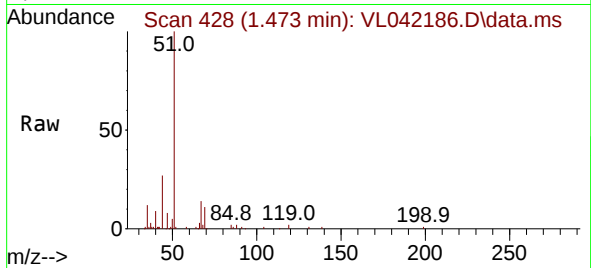




#3
Chlorodifluoromethane
Concen: 0.335 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

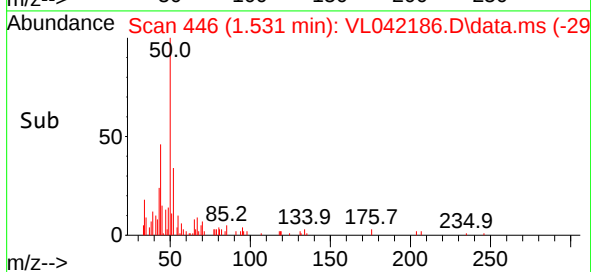
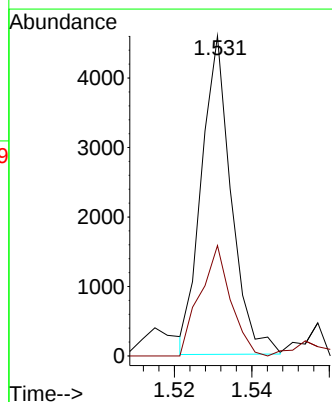
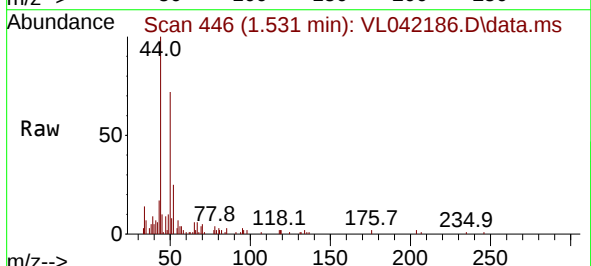
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

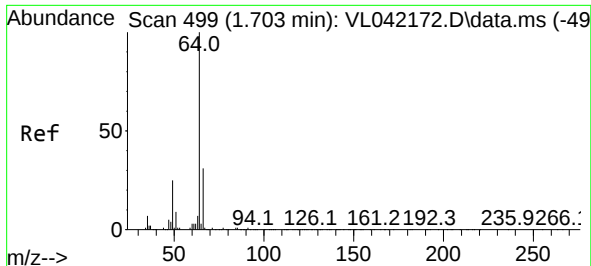
Tgt Ion: 51 Resp: 9481
Ion Ratio Lower Upper
51 100
67 19.2 15.0 22.6



#4
Chloromethane
Concen: 0.215 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 50 Resp: 2440
Ion Ratio Lower Upper
50 100
52 34.9 26.1 39.1

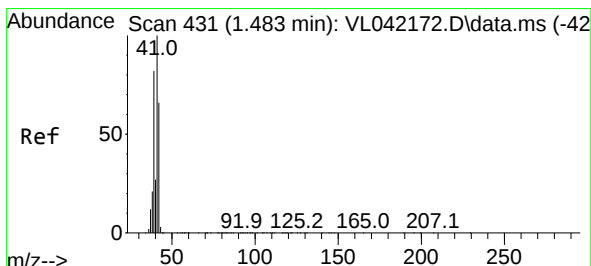
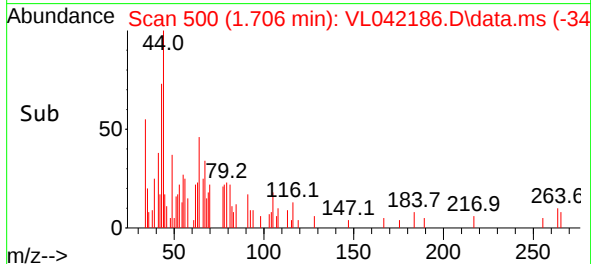
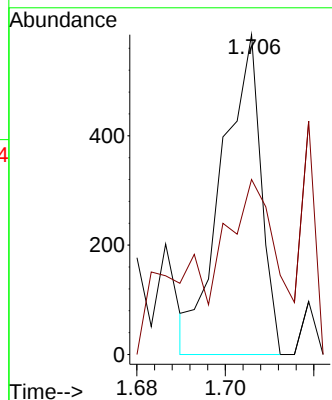
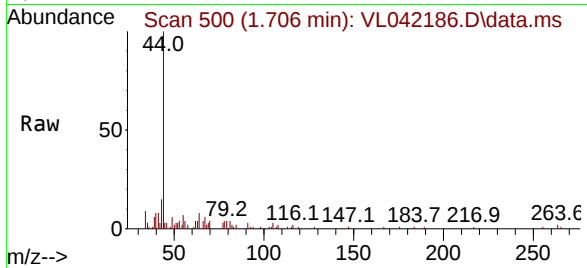




#7
Chloroethane
Concen: 0.078 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

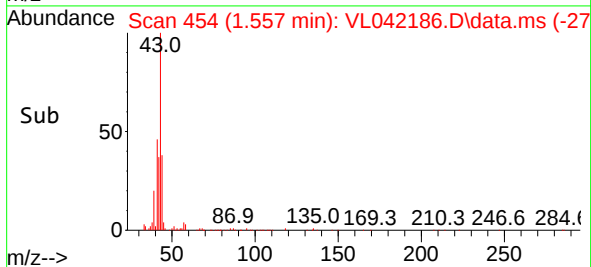
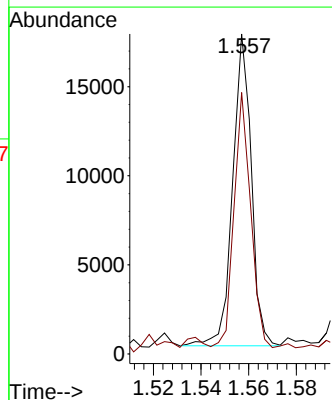
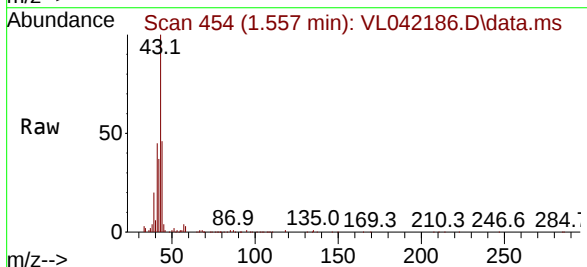
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

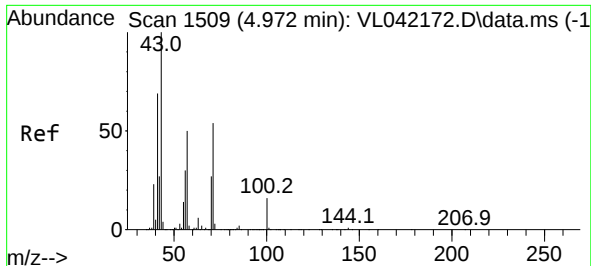
Tgt Ion: 64 Resp: 355
Ion Ratio Lower Upper
64 100
66 54.7 25.2 37.8#



#9
Propene
Concen: 0.730 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.074 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 41 Resp: 9472
Ion Ratio Lower Upper
41 100
42 71.6 55.4 83.2





#10

Heptane

Concen: 0.372 ppbv

RT: 4.978 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL042186.D

Acq: 27 Mar 2025 18:59

Instrument :

MSVOA_L

ClientSampleId :

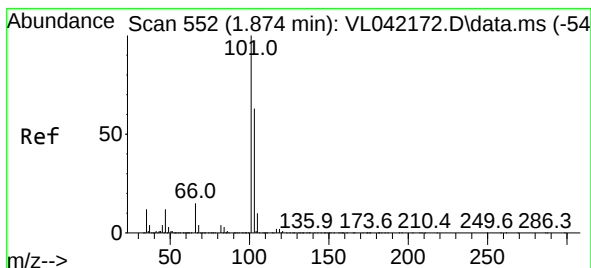
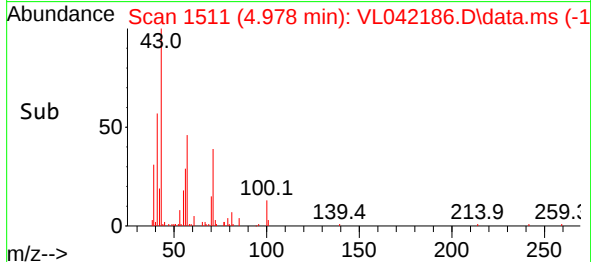
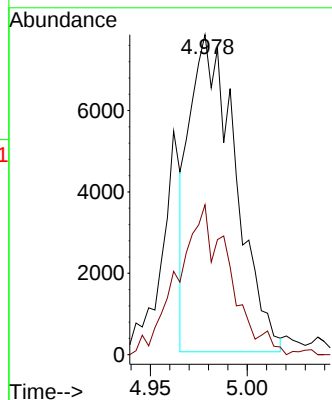
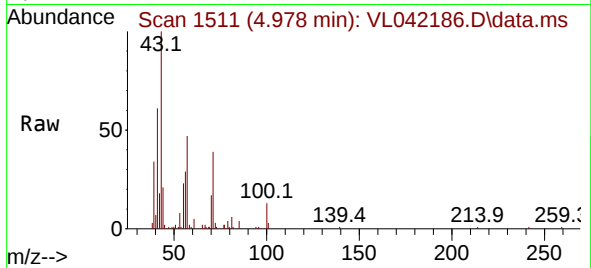
LA-B9-2-3262025

Tgt Ion: 43 Resp: 12851

Ion Ratio Lower Upper

43 100

57 54.3 39.4 59.2



#11

Trichlorofluoromethane

Concen: 0.201 ppbv

RT: 1.877 min Scan# 553

Delta R.T. 0.003 min

Lab File: VL042186.D

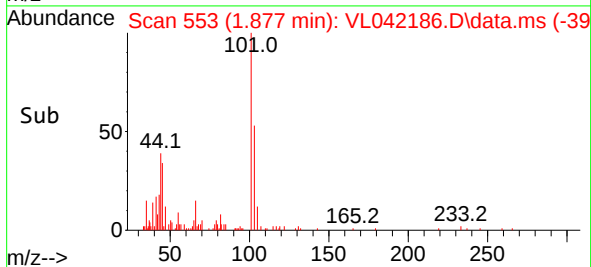
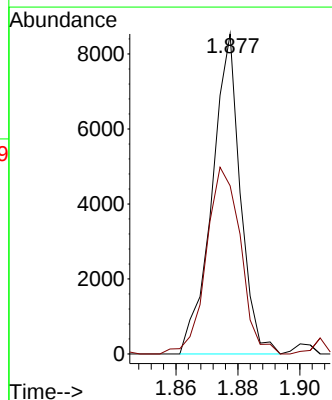
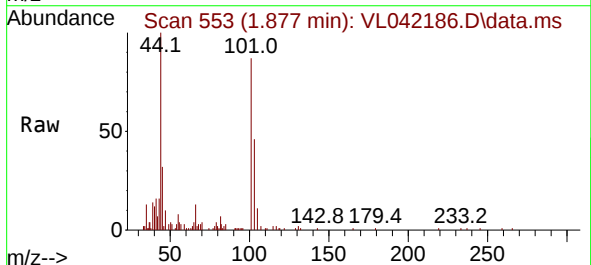
Acq: 27 Mar 2025 18:59

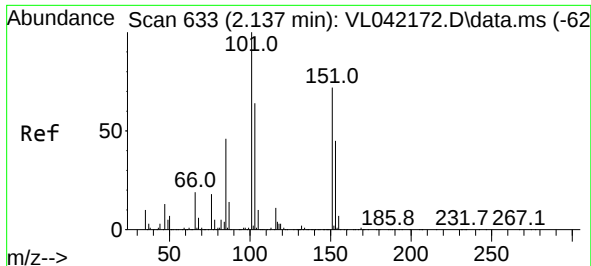
Tgt Ion:101 Resp: 5432

Ion Ratio Lower Upper

101 100

103 52.5 50.2 75.2

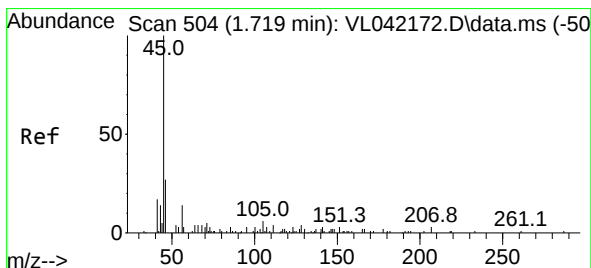
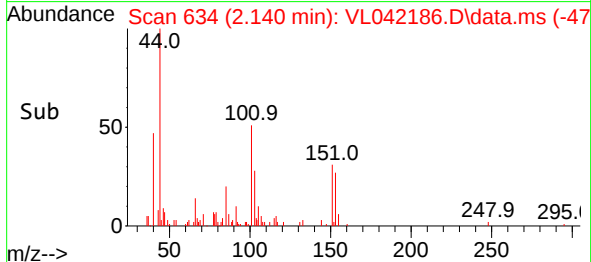
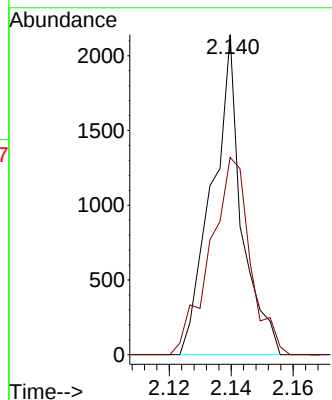
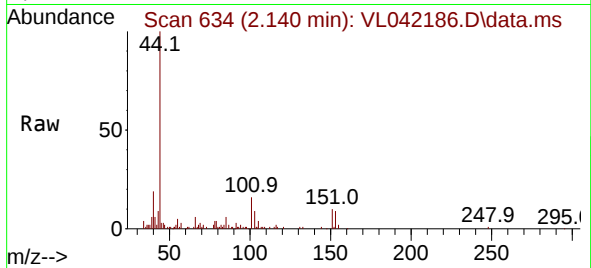




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.064 ppbv
RT: 2.140 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

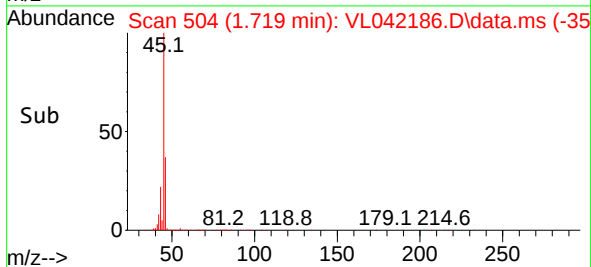
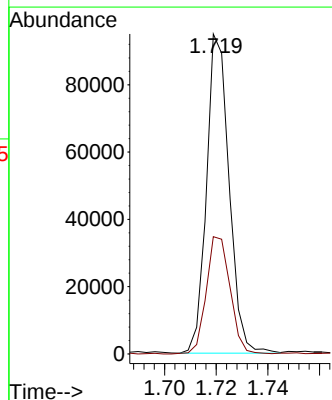
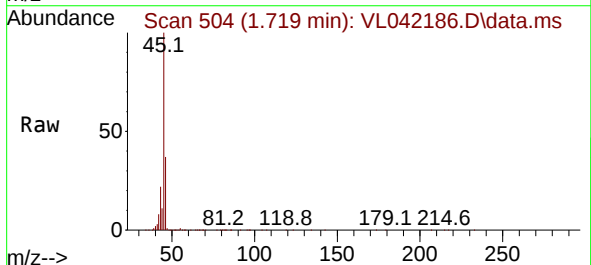
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

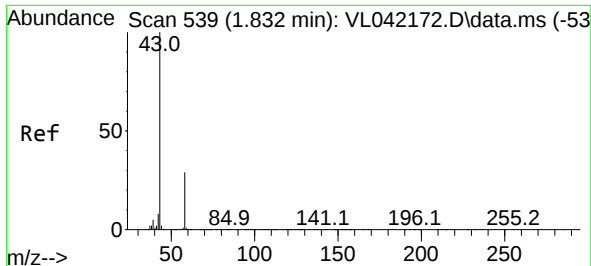
Tgt Ion:101 Resp: 1424
Ion Ratio Lower Upper
101 100
151 83.1 57.1 85.7



#13
Ethanol
Concen: 46.985 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 45 Resp: 57647
Ion Ratio Lower Upper
45 100
46 39.0 20.2 80.8





#15

Acetone

Concen: 2.447 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042186.D

Acq: 27 Mar 2025 18:59

Instrument :

MSVOA_L

ClientSampleId :

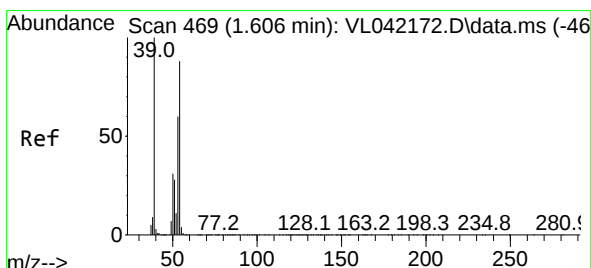
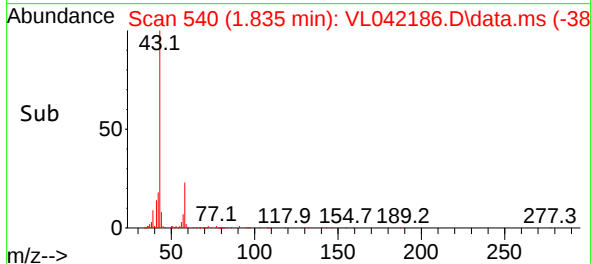
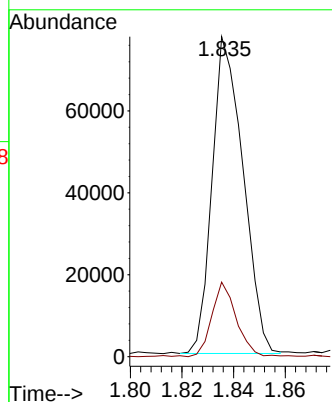
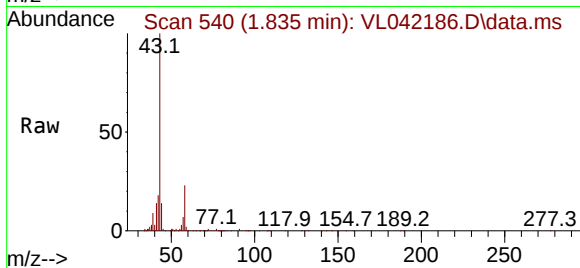
IA-B9-2-3262025

Tgt Ion: 43 Resp: 64251

Ion Ratio Lower Upper

43 100

58 19.2 23.2 34.8#



#16

1,3-Butadiene

Concen: 0.055 ppbv

RT: 1.599 min Scan# 467

Delta R.T. -0.007 min

Lab File: VL042186.D

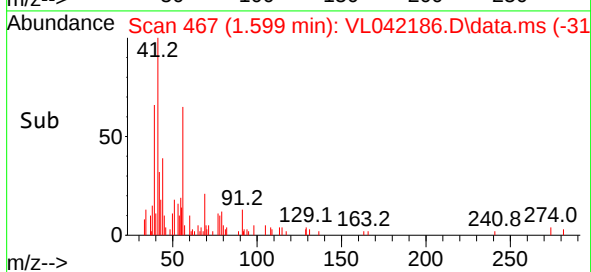
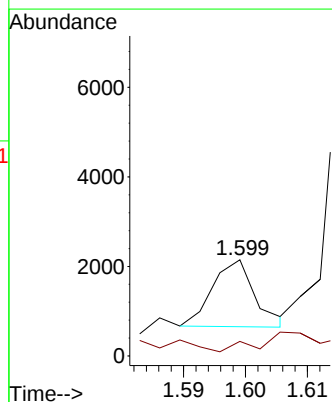
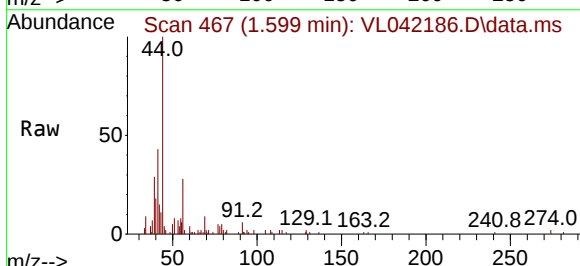
Acq: 27 Mar 2025 18:59

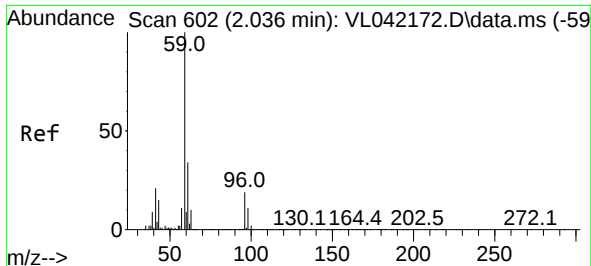
Tgt Ion: 39 Resp: 710

Ion Ratio Lower Upper

39 100

54 91.3 60.7 91.1#





#17

tert-Butyl alcohol

Concen: 0.375 ppbv

RT: 2.043 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL042186.D

Acq: 27 Mar 2025 18:59

Instrument :

MSVOA_L

ClientSampleId :

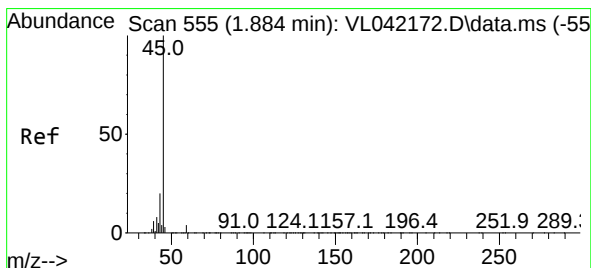
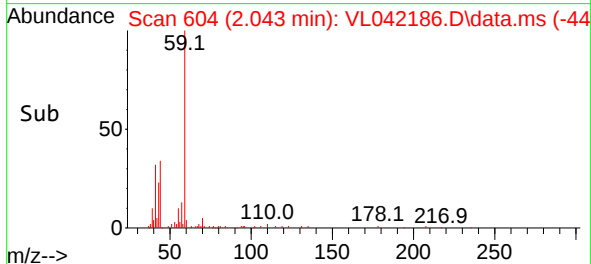
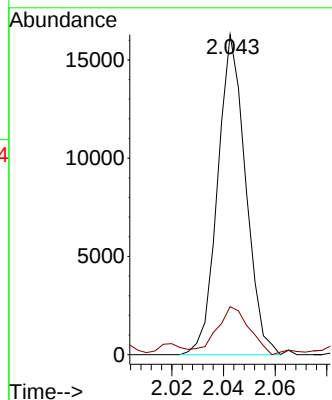
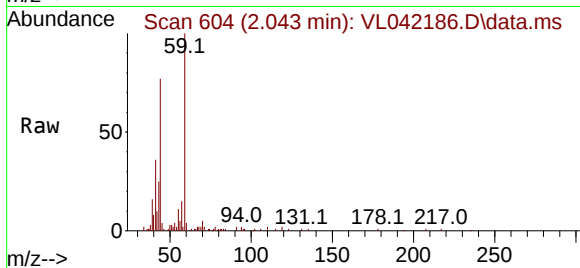
IA-B9-2-3262025

Tgt Ion: 59 Resp: 12249

Ion Ratio Lower Upper

59 100

57 17.6 8.9 13.3#



#19

Isopropyl Alcohol

Concen: 1.411 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.003 min

Lab File: VL042186.D

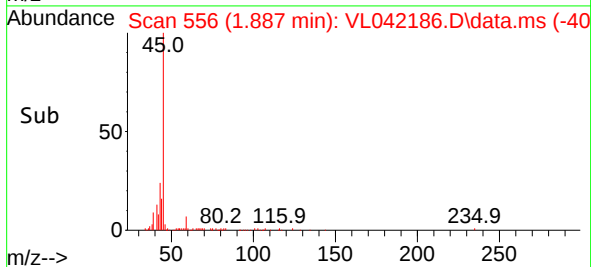
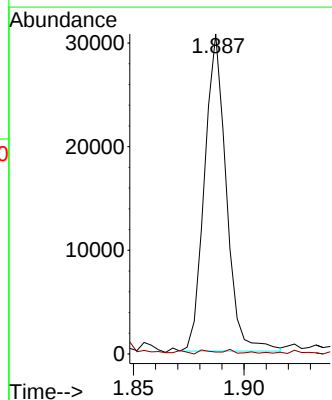
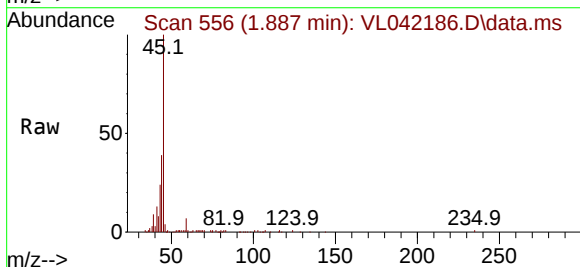
Acq: 27 Mar 2025 18:59

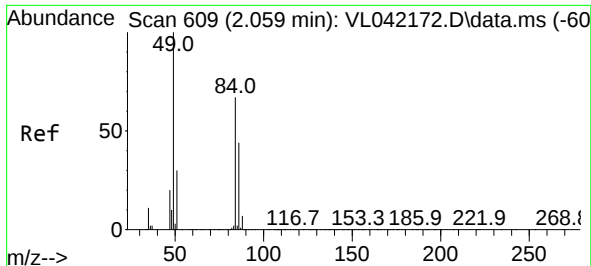
Tgt Ion: 45 Resp: 20907

Ion Ratio Lower Upper

45 100

58 58.1 36.9 55.3#





#20

Methylene Chloride

Concen: 0.345 ppbv

RT: 2.059 min Scan# 609

Delta R.T. -0.000 min

Lab File: VL042186.D

Acq: 27 Mar 2025 18:59

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-2-3262025

Tgt Ion: 84 Resp: 3376

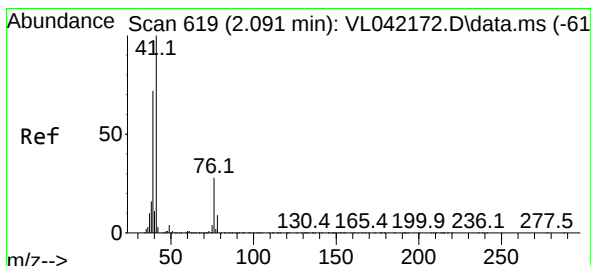
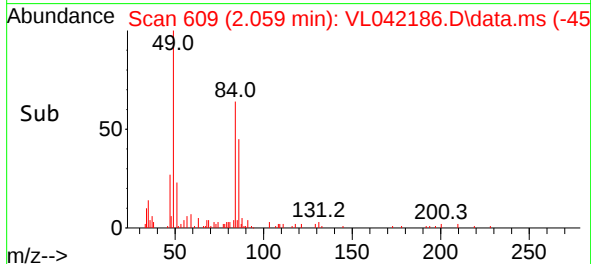
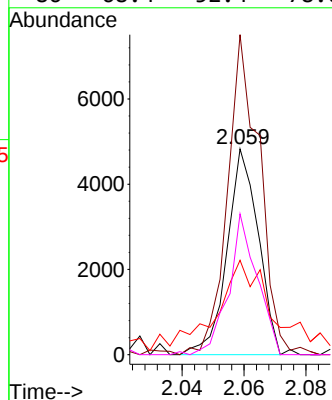
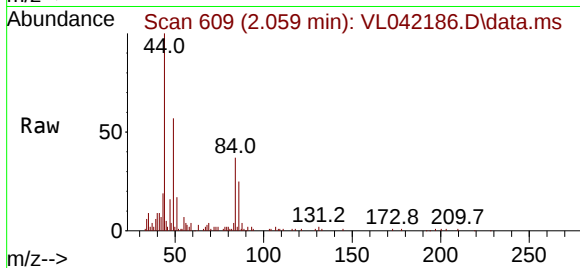
Ion Ratio Lower Upper

84 100

49 161.5 120.2 180.4

51 34.0 37.4 56.0#

86 68.4 52.4 78.6



#21

Allyl Chloride

Concen: 0.070 ppbv

RT: 2.075 min Scan# 614

Delta R.T. -0.016 min

Lab File: VL042186.D

Acq: 27 Mar 2025 18:59

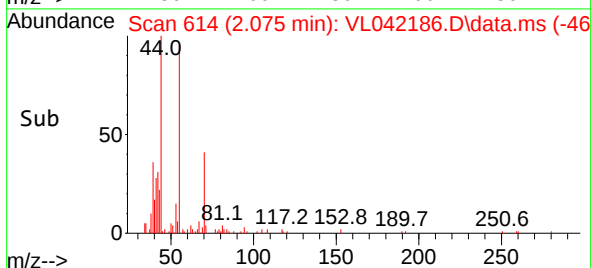
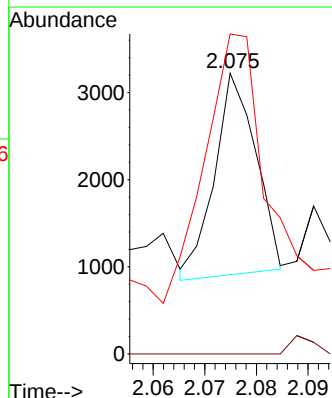
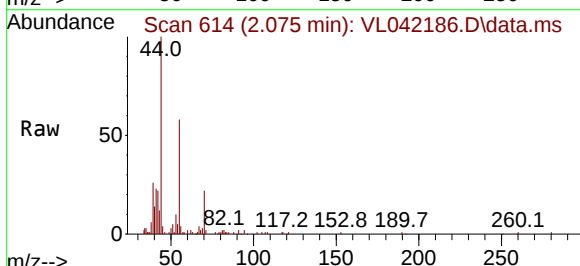
Tgt Ion: 41 Resp: 1290

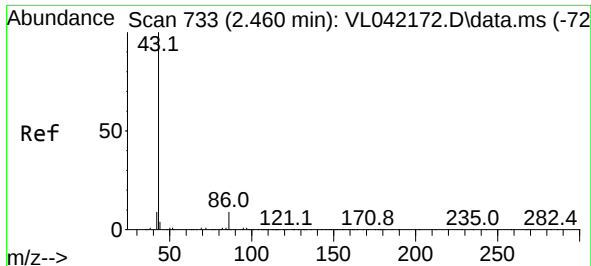
Ion Ratio Lower Upper

41 100

76 5.2 24.1 36.1#

39 242.2 61.1 91.7#

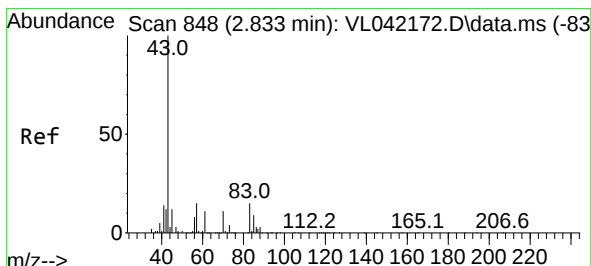
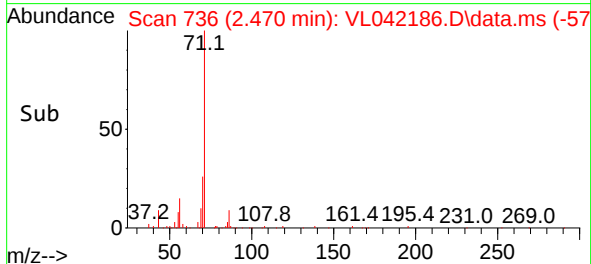
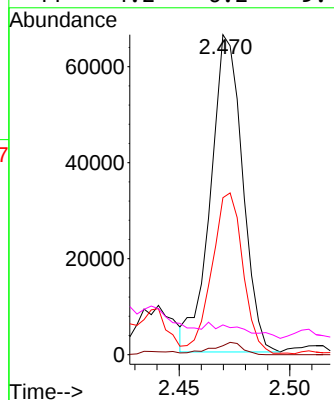
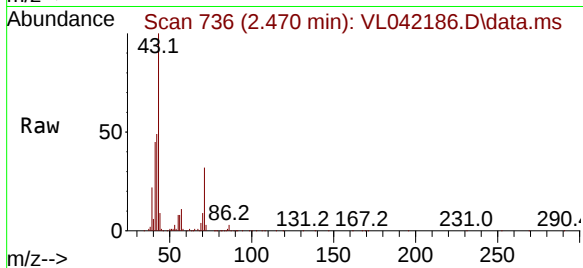




#23
 Vinyl Acetate
 Concen: 5.855 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. 0.009 min
 Lab File: VL042186.D
 Acq: 27 Mar 2025 18:59

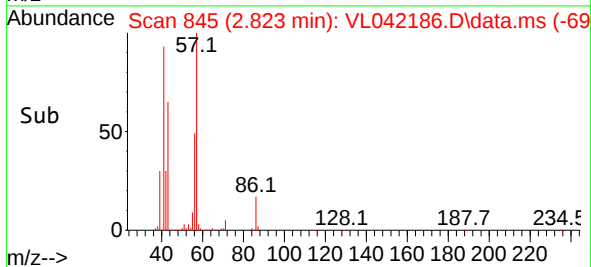
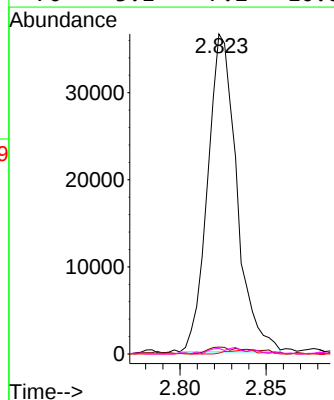
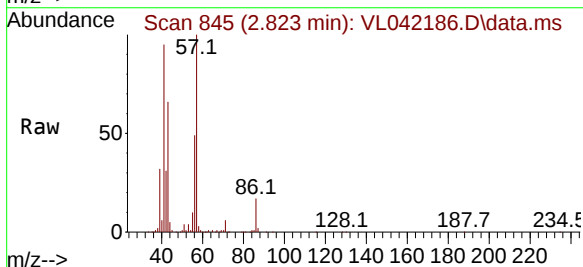
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-2-3262025

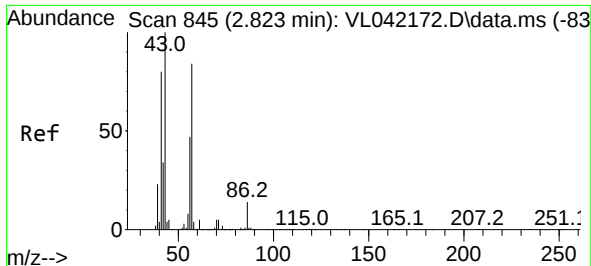
Tgt Ion:	43	Resp:	66536
Ion	Ratio	Lower	Upper
43	100		
86	2.8	5.5	8.3#
42	49.0	8.6	13.0#
44	4.2	6.2	9.4#



#25
 Ethyl Acetate
 Concen: 0.630 ppbv
 RT: 2.823 min Scan# 845
 Delta R.T. -0.010 min
 Lab File: VL042186.D
 Acq: 27 Mar 2025 18:59

Tgt Ion:	43	Resp:	42904
Ion	Ratio	Lower	Upper
43	100		
45	2.7	8.2	12.2#
61	1.3	7.3	10.9#
70	3.1	7.2	10.8#

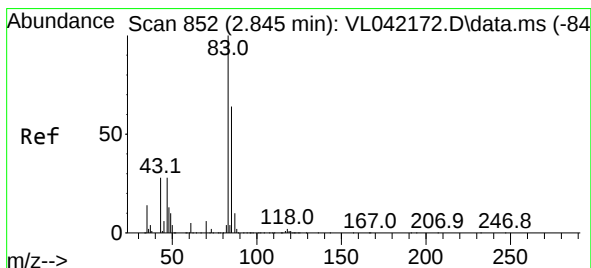
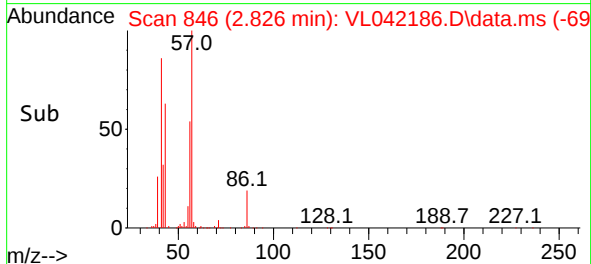
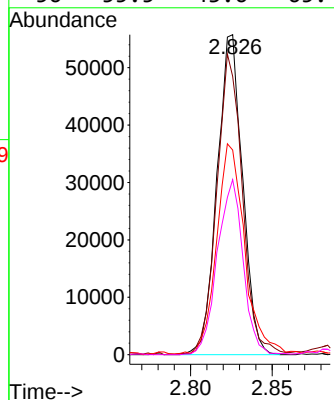
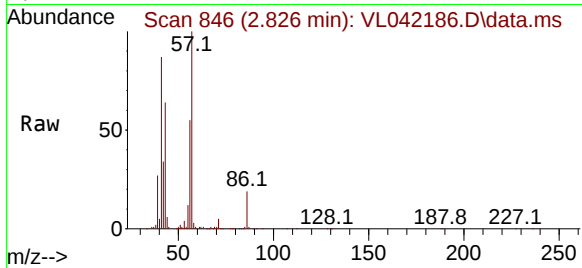




#26
Hexane
Concen: 2.294 ppbv
RT: 2.826 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

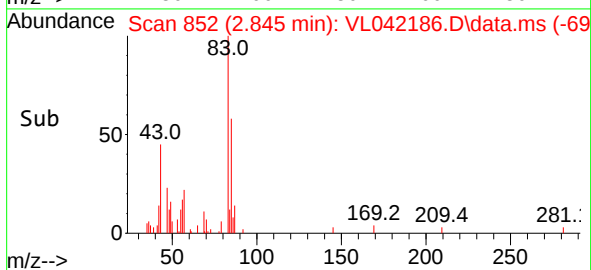
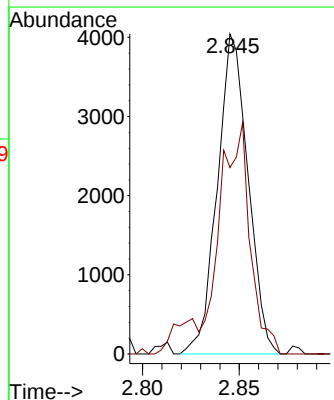
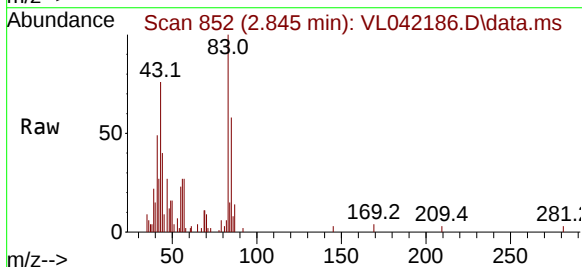
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

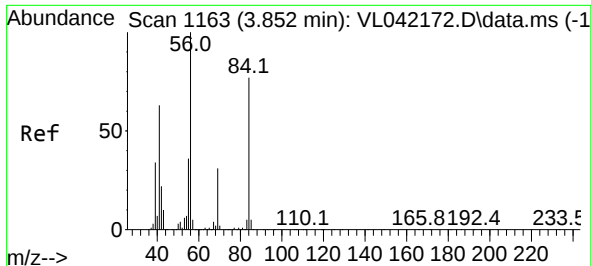
Tgt Ion: 57 Resp: 60389
Ion Ratio Lower Upper
57 100
41 94.6 76.6 114.8
43 73.8 207.8 311.8#
56 55.5 43.6 65.4



#29
Chloroform
Concen: 0.116 ppbv
RT: 2.845 min Scan# 852
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 83 Resp: 4455
Ion Ratio Lower Upper
83 100
85 58.3 51.4 77.2

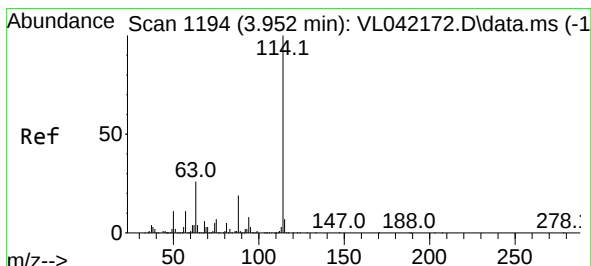
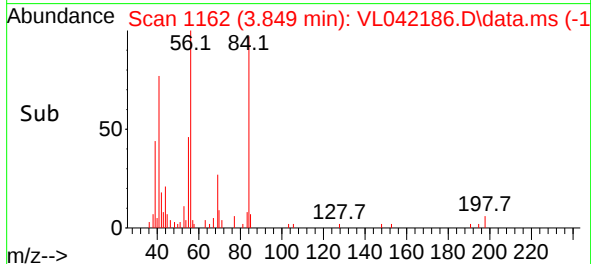
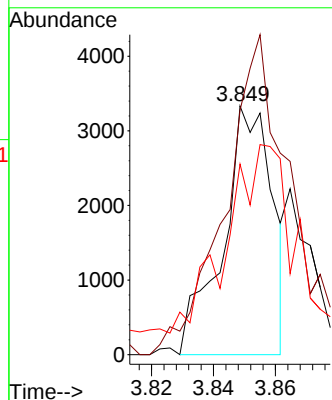
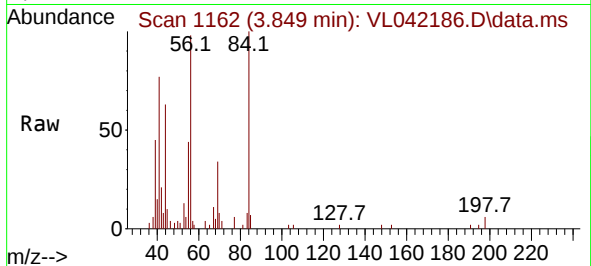




#30
Cyclohexane
Concen: 0.161 ppbv
RT: 3.849 min Scan# 1162
Delta R.T. -0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

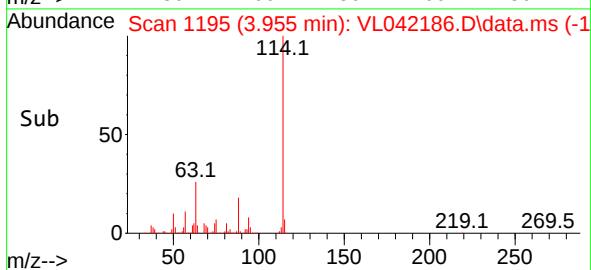
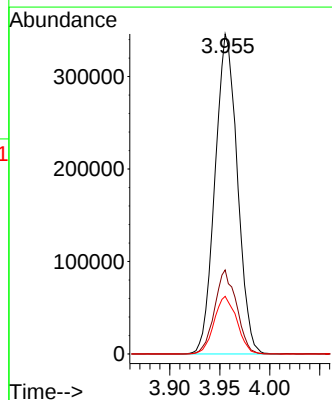
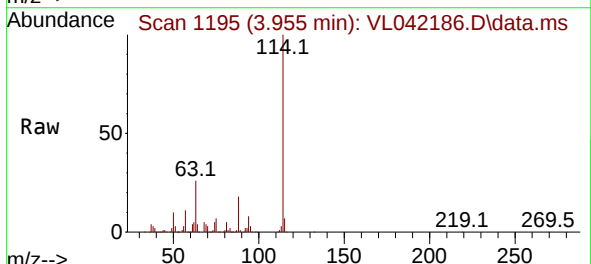
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

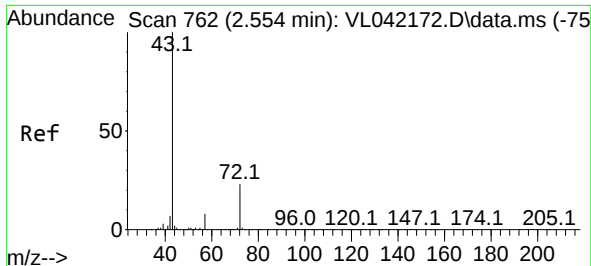
Tgt Ion: 84 Resp: 3691
Ion Ratio Lower Upper
84 100
56 174.5 102.8 154.2#
41 123.8 66.5 99.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 114 Resp: 538422
Ion Ratio Lower Upper
114 100
63 25.7 20.7 31.1
88 18.3 15.0 22.4

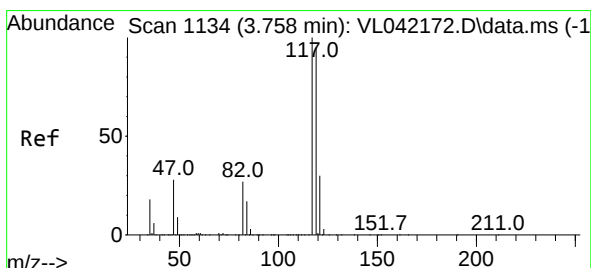
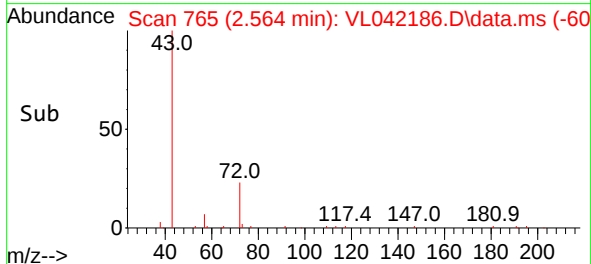
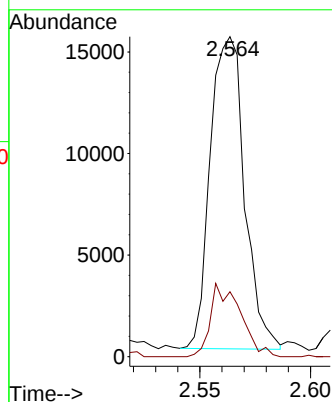
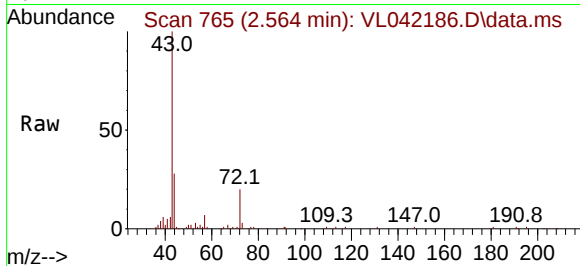




#34
2-Butanone
Concen: 0.424 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.009 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

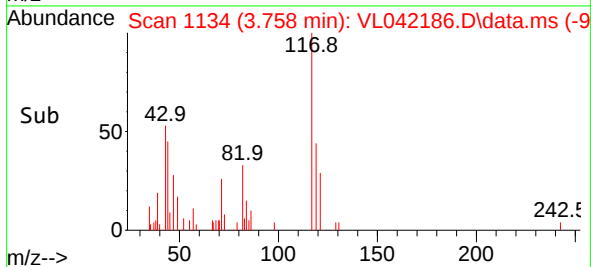
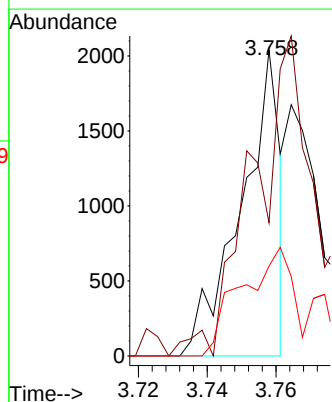
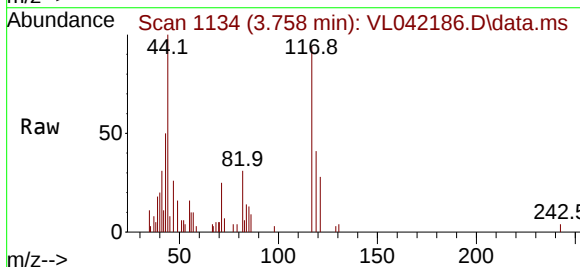
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

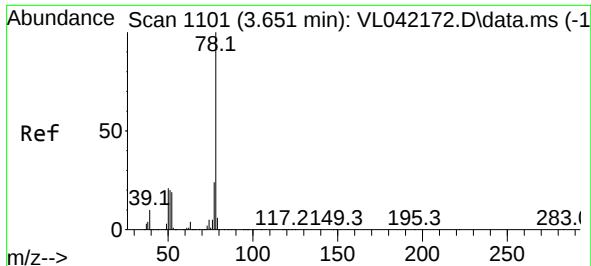
Tgt Ion: 43 Resp: 16547
Ion Ratio Lower Upper
43 100
72 20.6 18.2 27.2



#35
Carbon Tetrachloride
Concen: 0.038 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 117 Resp: 1590
Ion Ratio Lower Upper
117 100
119 39.0 76.2 114.2#
121 29.3 24.2 36.4

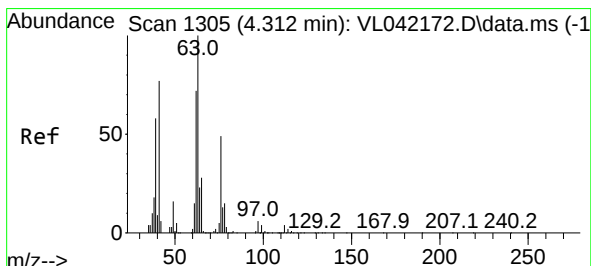
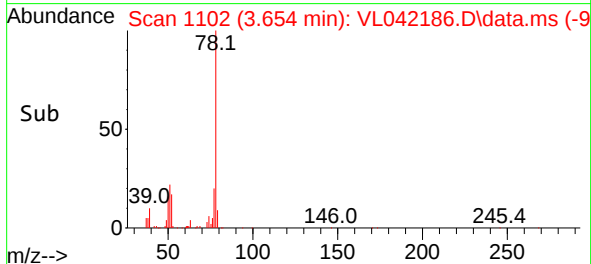
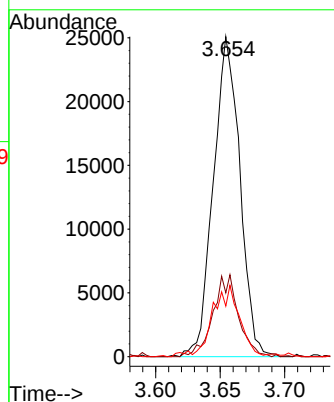
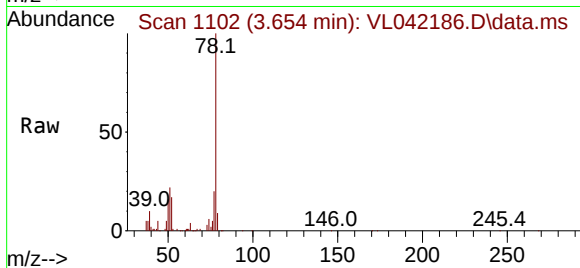




#36
Benzene
Concen: 0.672 ppbv
RT: 3.654 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

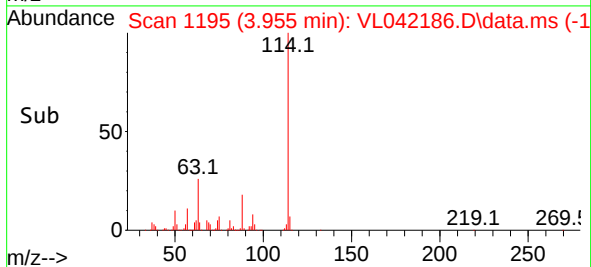
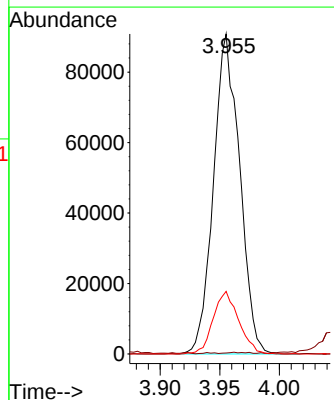
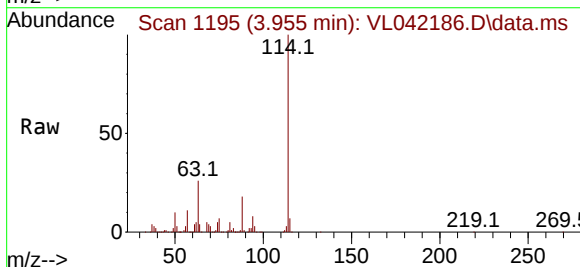
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

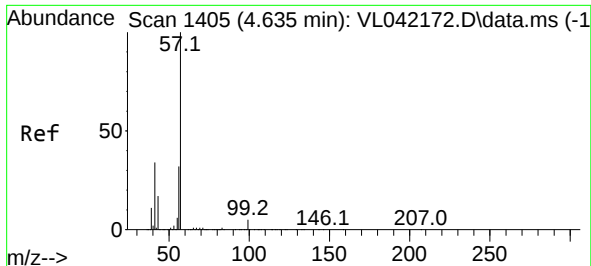
Tgt Ion: 78 Resp: 35891
Ion Ratio Lower Upper
78 100
77 19.9 19.1 28.7
50 15.3 16.6 24.8#



#39
1,2-Dichloropropane
Concen: 7.128 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.356 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 63 Resp: 138560
Ion Ratio Lower Upper
63 100
41 0.0 61.7 92.5#
62 19.6 57.6 86.4#

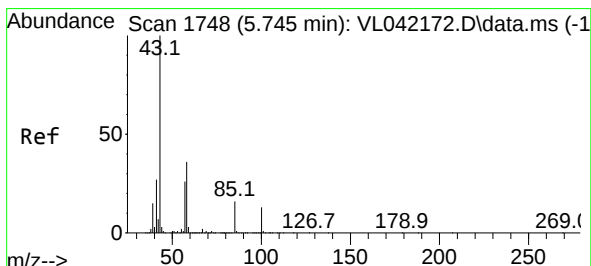
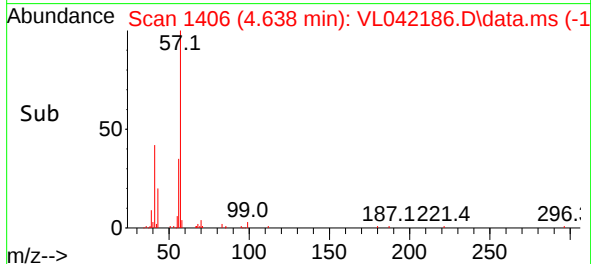
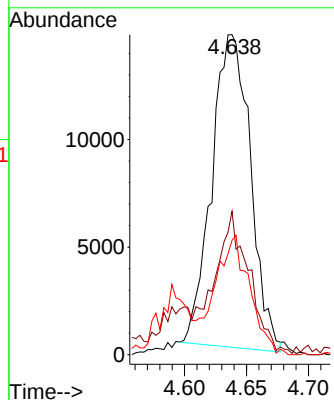
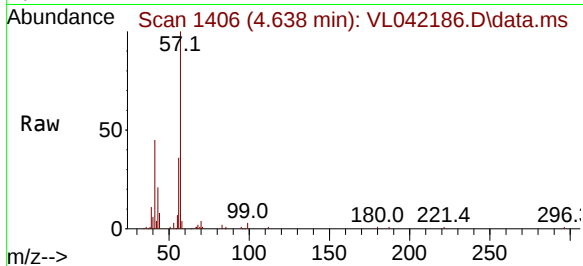




#44
 2,2,4-Trimethylpentane
 Concen: 0.350 ppbv
 RT: 4.638 min Scan# 1405
 Delta R.T. 0.003 min
 Lab File: VL042186.D
 Acq: 27 Mar 2025 18:59

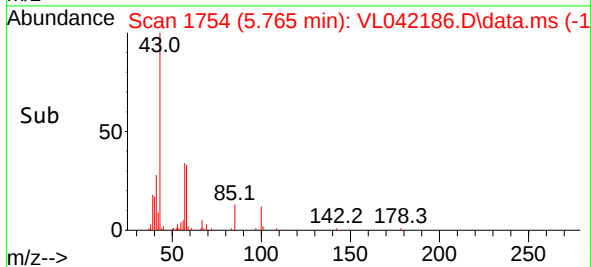
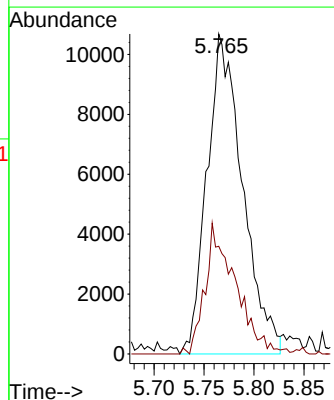
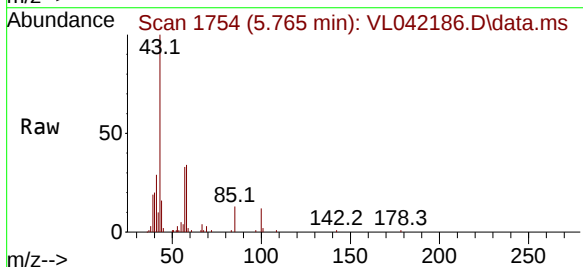
Instrument : MSVOA_L
 ClientSampleId : IA-B9-2-3262025

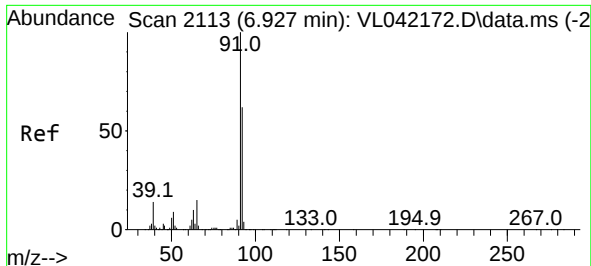
Tgt Ion: 57 Resp: 31601
 Ion Ratio Lower Upper
 57 100
 41 52.3 26.8 40.2#
 56 35.5 25.6 38.4



#50
 4-Methyl-2-Pentanone
 Concen: 0.427 ppbv
 RT: 5.765 min Scan# 1754
 Delta R.T. 0.019 min
 Lab File: VL042186.D
 Acq: 27 Mar 2025 18:59

Tgt Ion: 43 Resp: 26447
 Ion Ratio Lower Upper
 43 100
 58 35.4 29.0 43.6

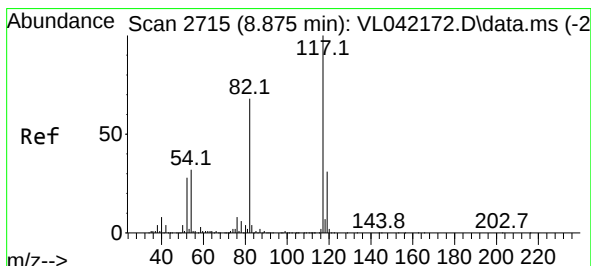
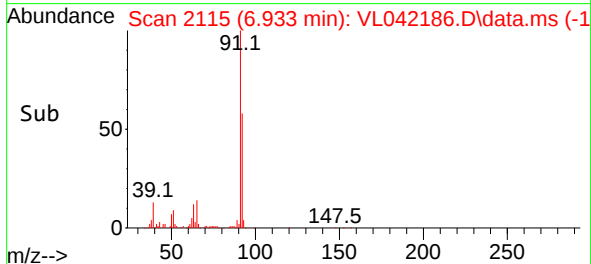
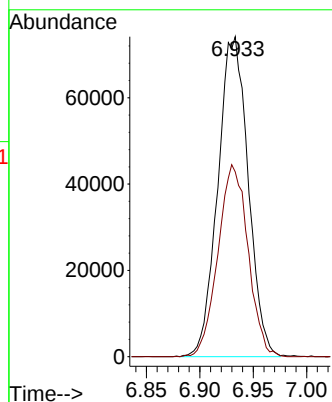
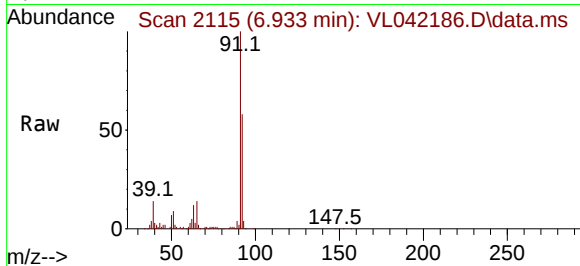




#53
Toluene
Concen: 2.312 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

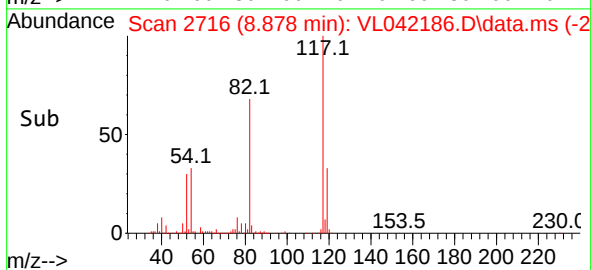
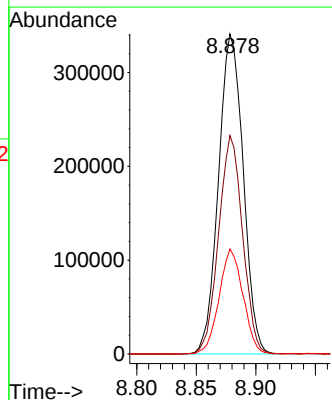
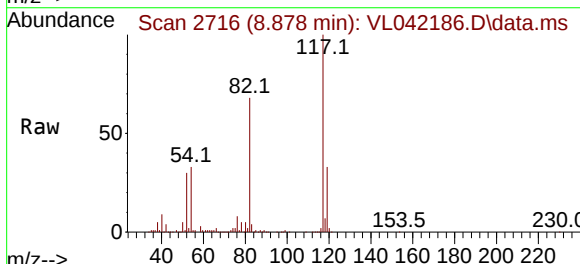
Instrument :
MSVOA_L
ClientSampleId :
LA-B9-2-3262025

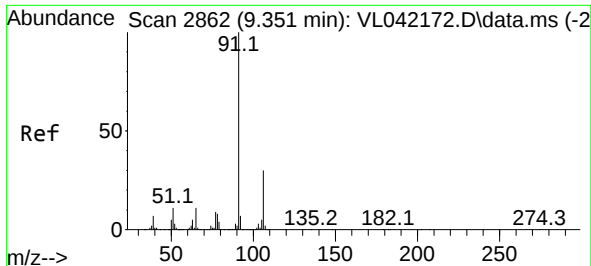
Tgt Ion: 91 Resp: 146301
Ion Ratio Lower Upper
91 100
92 59.5 48.4 72.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 117 Resp: 491411
Ion Ratio Lower Upper
117 100
82 66.3 55.8 83.6
119 31.8 25.5 38.3

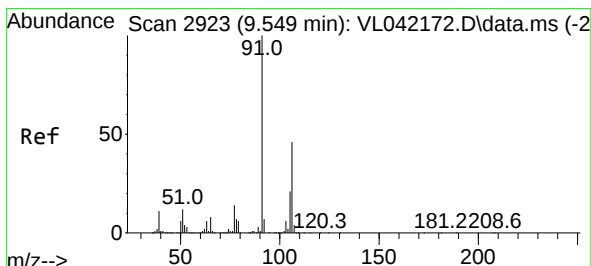
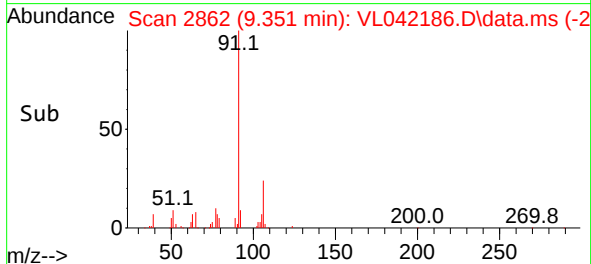
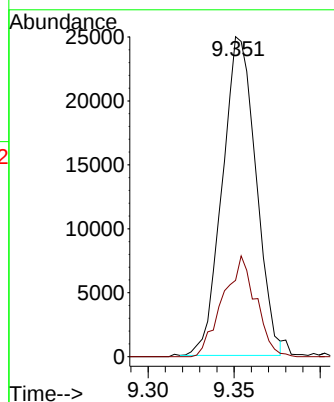
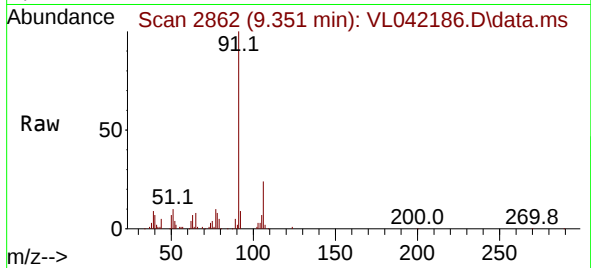




#58
Ethyl Benzene
Concen: 0.388 ppbv
RT: 9.351 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

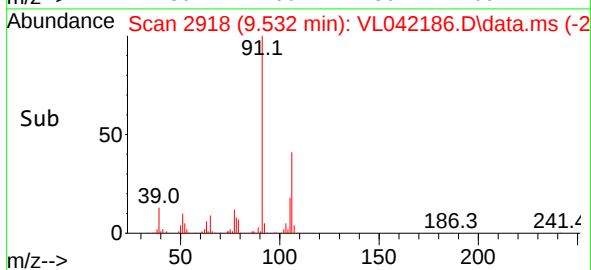
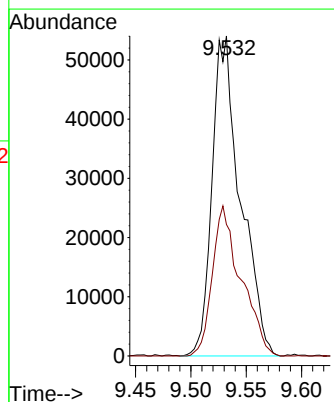
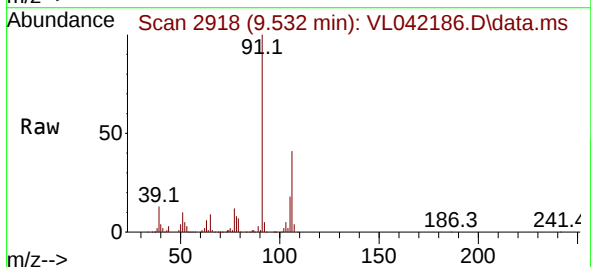
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

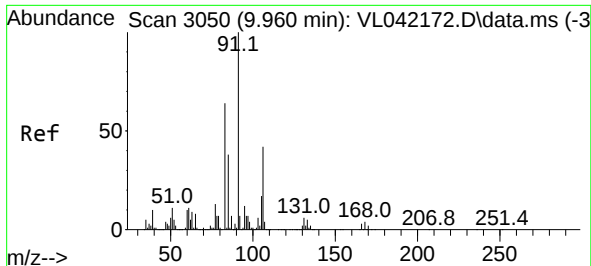
Tgt Ion: 91 Resp: 33902
Ion Ratio Lower Upper
91 100
106 24.0 24.2 36.2#



#59
m/p-Xylene
Concen: 1.387 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. -0.016 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 91 Resp: 96658
Ion Ratio Lower Upper
91 100
106 47.3 36.4 54.6

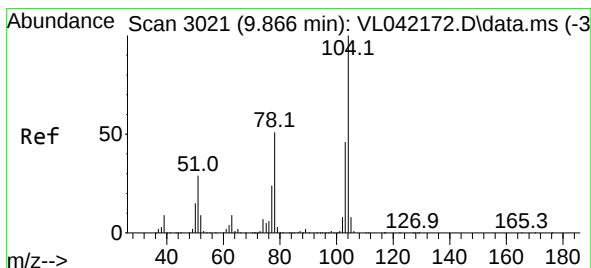
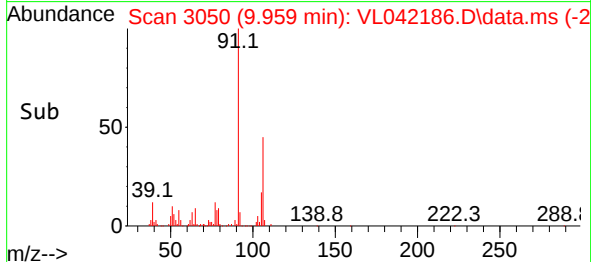
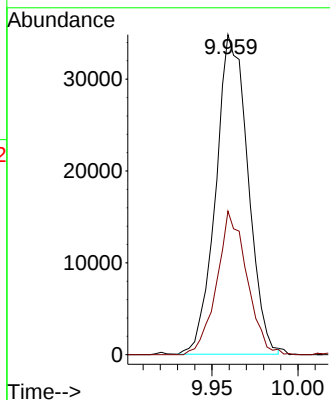
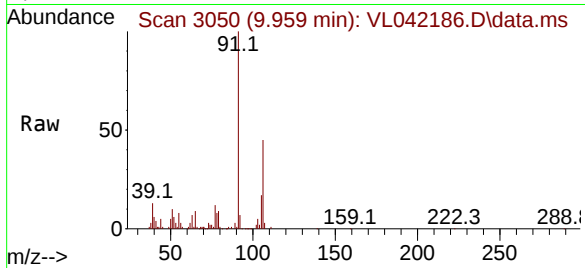




#60
o-Xylene
Concen: 0.647 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

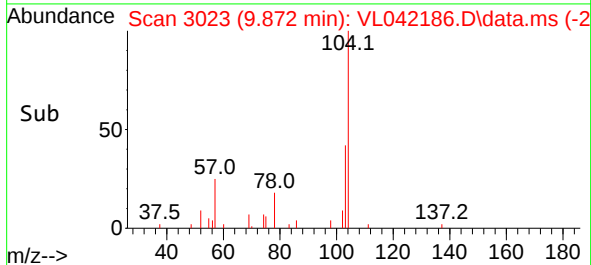
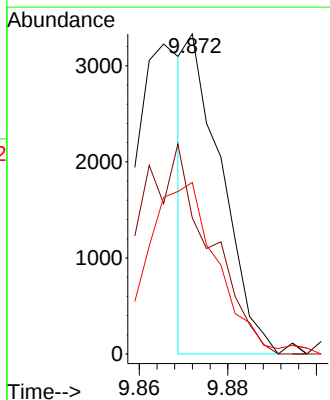
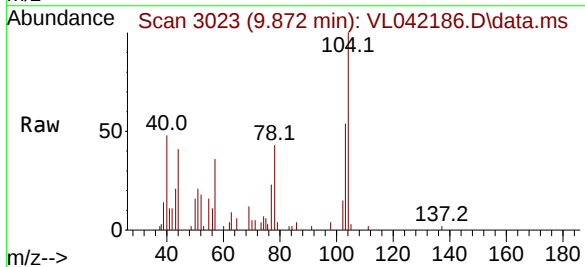
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

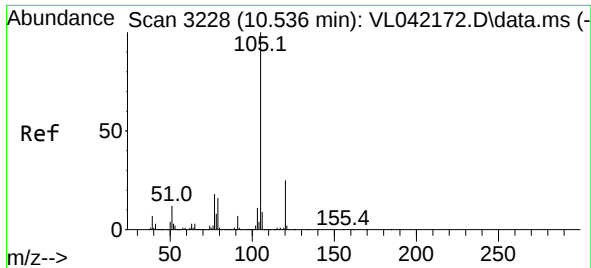
Tgt Ion: 91 Resp: 45203
Ion Ratio Lower Upper
91 100
106 42.1 20.8 62.5



#61
Styrene
Concen: 0.054 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.006 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 104 Resp: 1858
Ion Ratio Lower Upper
104 100
78 132.3 41.8 62.6#
103 122.3 37.0 55.4#

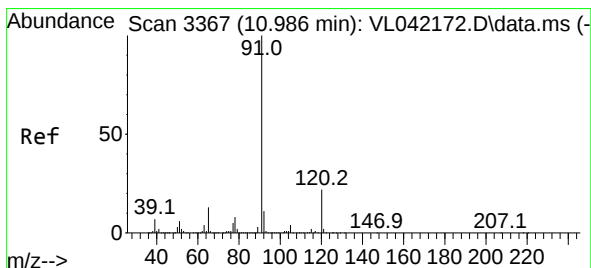
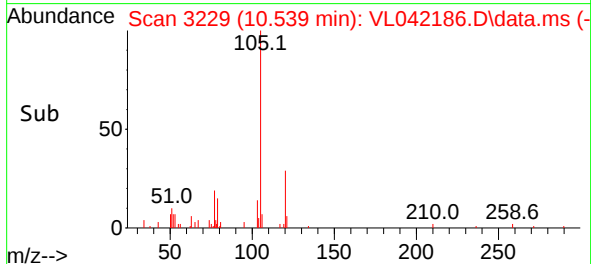
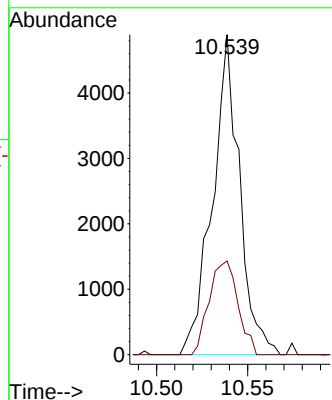
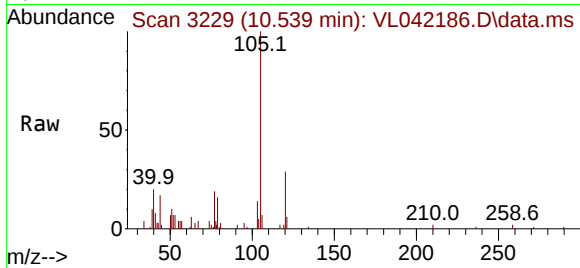




#62
Isopropylbenzene
Concen: 0.048 ppbv
RT: 10.539 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

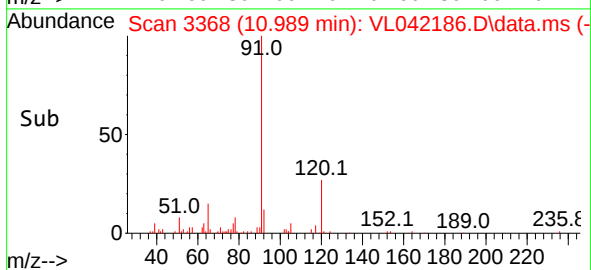
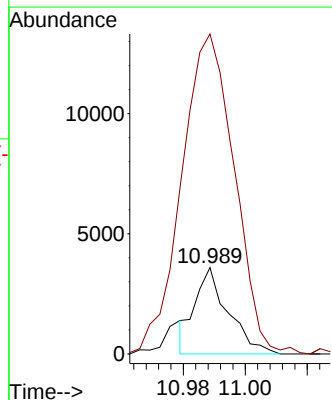
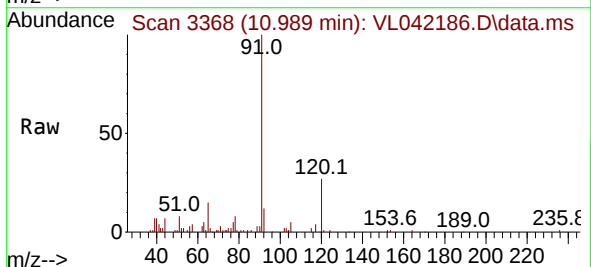
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

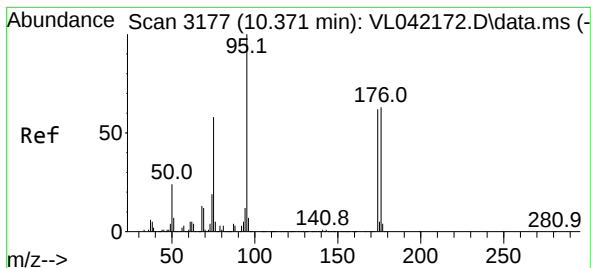
Tgt Ion:105 Resp: 5047
Ion Ratio Lower Upper
105 100
120 31.1 19.9 29.9#



#64
n-propylbenzene
Concen: 0.099 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion:120 Resp: 2657
Ion Ratio Lower Upper
120 100
91 599.4 376.9 565.3#

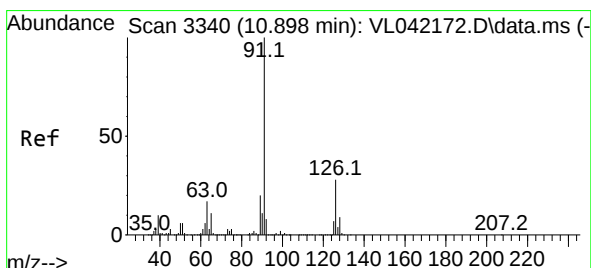
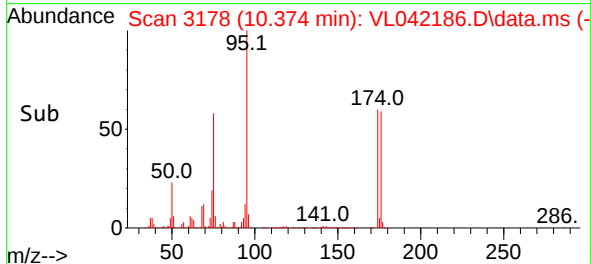
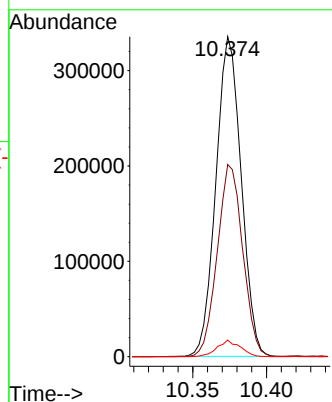
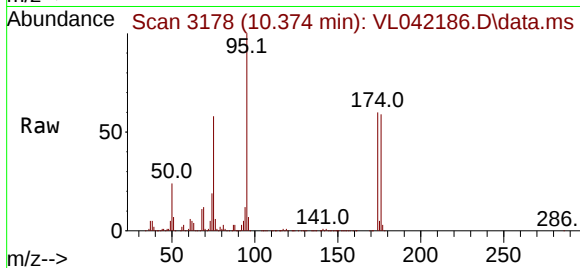




#68
1-Bromo-4-Fluorobenzene
Concen: 9.915 ppbv
RT: 10.374 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

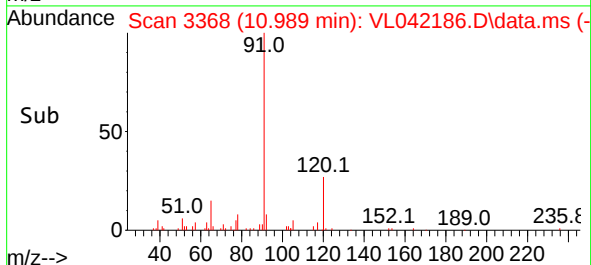
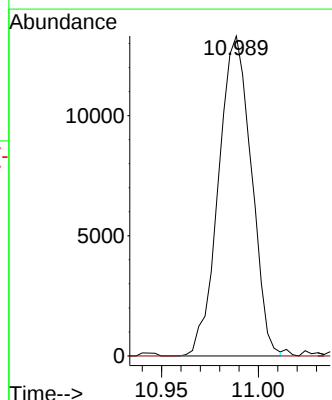
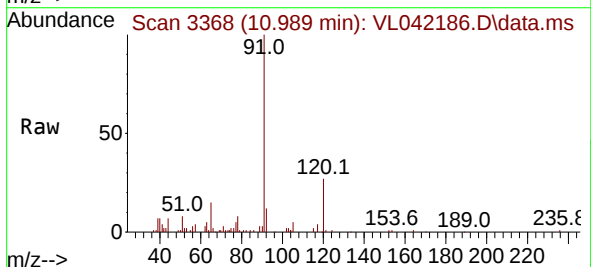
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

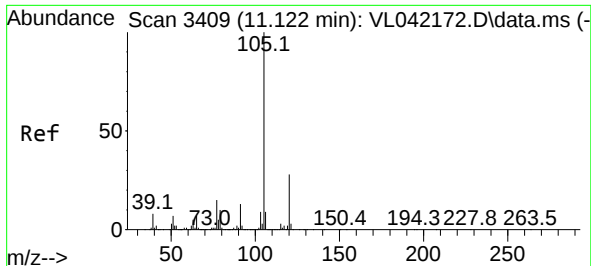
Tgt Ion: 95 Resp: 400118
Ion Ratio Lower Upper
95 100
174 60.8 50.6 76.0
175 4.7 3.8 5.6



#71
2-Chlorotoluene
Concen: 0.194 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.090 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion: 91 Resp: 15693
Ion Ratio Lower Upper
91 100
126 0.2 11.6 46.4#

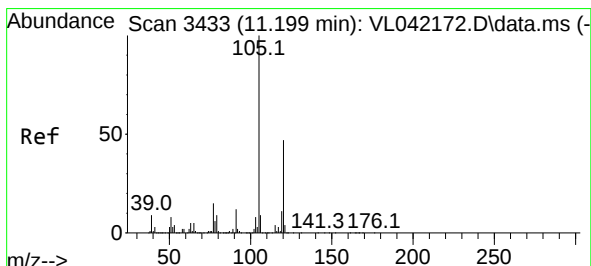
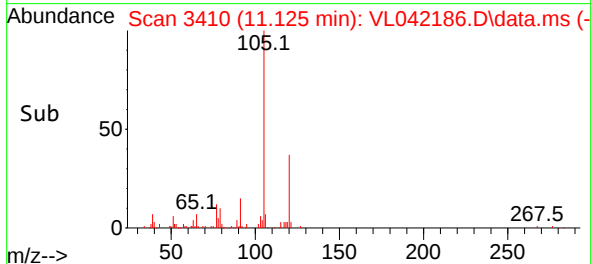
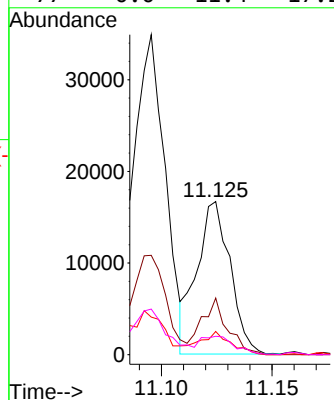
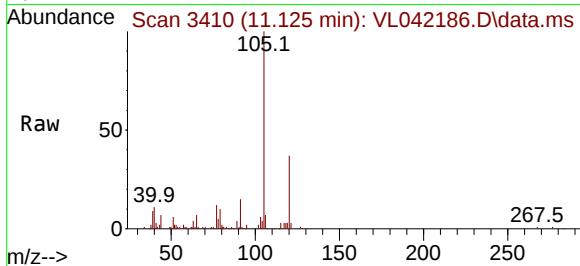




#72
4-Ethyltoluene
Concen: 0.201 ppbv
RT: 11.125 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

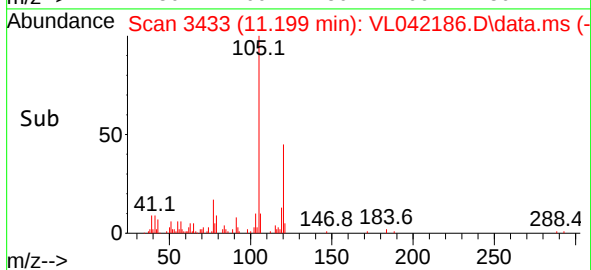
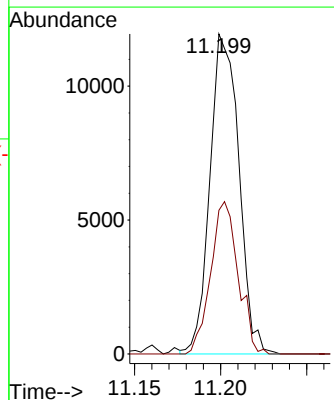
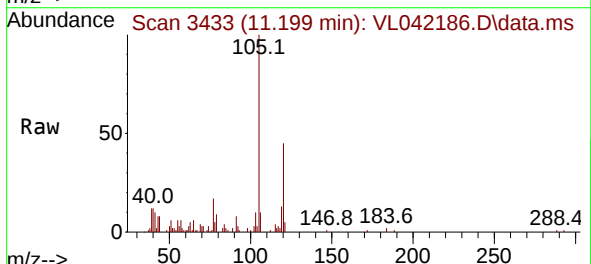
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-2-3262025

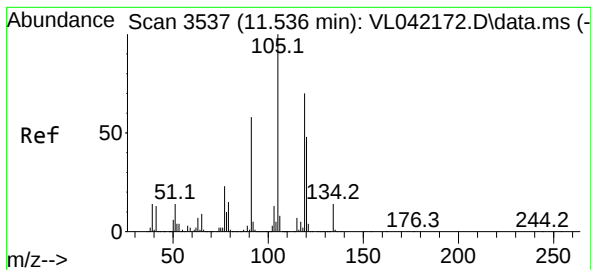
Tgt Ion:105 Resp: 17501
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.0#
91 0.0 10.3 15.5#
77 0.0 11.4 17.2#



#73
1,3,5-Trimethylbenzene
Concen: 0.184 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. -0.000 min
Lab File: VL042186.D
Acq: 27 Mar 2025 18:59

Tgt Ion:105 Resp: 13983
Ion Ratio Lower Upper
105 100
120 44.9 37.4 56.0





#74

1,2,4-Trimethylbenzene

Concen: 0.539 ppbv

RT: 11.536 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL042186.D

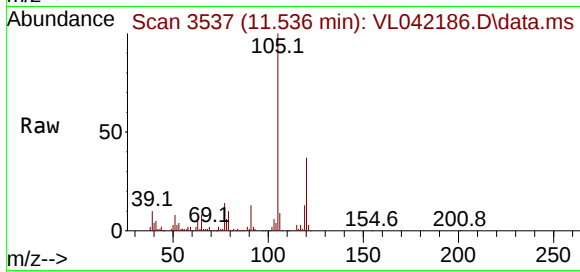
Acq: 27 Mar 2025 18:59

Instrument :

MSVOA_L

ClientSampleId :

IA-B9-2-3262025



Tgt Ion:	105	Resp:	47154
Ion	Ratio	Lower	Upper
105	100		
120	36.7	38.6	58.0#
91	12.5	46.2	69.2#
77	13.1	18.6	27.8#

