

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042196.D
 Acq On : 28 Mar 2025 00:44
 Operator : SY/MD
 Sample : Q1669-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-3-3262025DUP

Quant Time: Mar 28 02:20:24 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	169076	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	480272	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	439128	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	364412	10.105	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

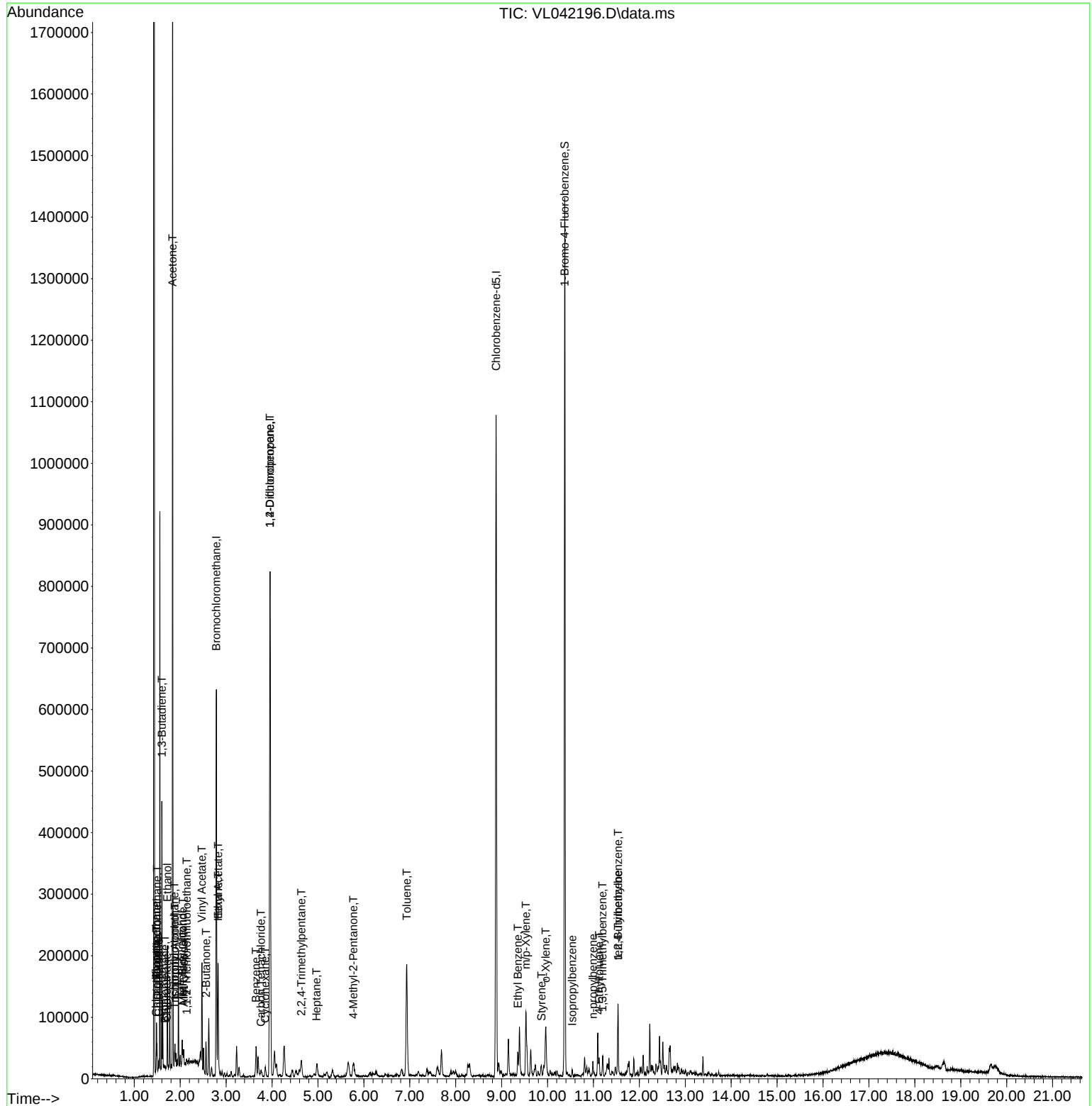
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	10520	0.421	ppbv	95
3) Chlorodifluoromethane	1.473	51	8616	0.338	ppbv	93
4) Chloromethane	1.532	50	3735	0.366	ppbv	90
6) Bromomethane	1.667	94	351	0.076	ppbv #	73
7) Chloroethane	1.706	64	606	0.148	ppbv #	57
9) Propene	1.483	41	9977	0.854	ppbv	88
10) Heptane	4.969	43	3770	0.121	ppbv #	28
11) Trichlorofluoromethane	1.875	101	5375	0.221	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	1528	0.077	ppbv	98
13) Ethanol	1.719	45	64469	58.343	ppbv	85
15) Acetone	1.833	43	856935	36.240	ppbv	98
16) 1,3-Butadiene	1.599	39	39942	3.459	ppbv #	21
17) tert-Butyl alcohol	2.043	59	15220	0.517	ppbv #	91
19) Isopropyl Alcohol	1.884	45	14009	1.050	ppbv #	1
20) Methylene Chloride	2.059	84	3137	0.356	ppbv	94
21) Allyl Chloride	2.079	41	1778	0.107	ppbv #	22
23) Vinyl Acetate	2.470	43	52228	5.103	ppbv #	51
25) Ethyl Acetate	2.823	43	32884	0.536	ppbv #	87
26) Hexane	2.826	57	41919	1.768	ppbv #	34
30) Cyclohexane	3.852	84	2703	0.131	ppbv #	19
34) 2-Butanone	2.561	43	32222	0.925	ppbv	99
35) Carbon Tetrachloride	3.758	117	2485	0.066	ppbv	88
36) Benzene	3.652	78	29626	0.622	ppbv #	88
39) 1,2-Dichloropropane	3.956	63	124212	7.163	ppbv #	24
44) 2,2,4-Trimethylpentane	4.639	57	4920	0.061	ppbv #	42
50) 4-Methyl-2-Pentanone	5.772	43	15022	0.272	ppbv	90
53) Toluene	6.933	91	128886	2.284	ppbv	99
58) Ethyl Benzene	9.351	91	21749	0.279	ppbv	97
59) m/p-Xylene	9.526	91	65488	1.051	ppbv	98
60) o-Xylene	9.963	91	30665	0.491	ppbv	93
61) Styrene	9.866	104	3531	0.114	ppbv	97
62) Isopropylbenzene	10.536	105	3147	0.034	ppbv	92
64) n-propylbenzene	10.989	120	1763	0.073	ppbv #	48
65) tert-Butylbenzene	11.536	119	4264	0.049	ppbv #	49
72) 4-Ethyltoluene	11.125	105	11451	0.147	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	10625	0.156	ppbv	87
74) 1,2,4-Trimethylbenzene	11.536	105	38101	0.487	ppbv #	69

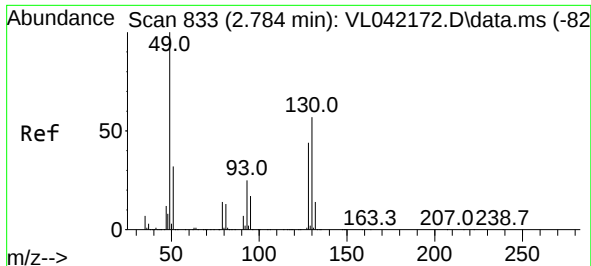
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\  
Data File : VL042196.D  
Acq On    : 28 Mar 2025   00:44  
Operator  : SY/MD  
Sample    : Q1669-01DUP  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 6      Sample Multiplier: 1
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Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

Quant Time: Mar 28 02:20:24 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

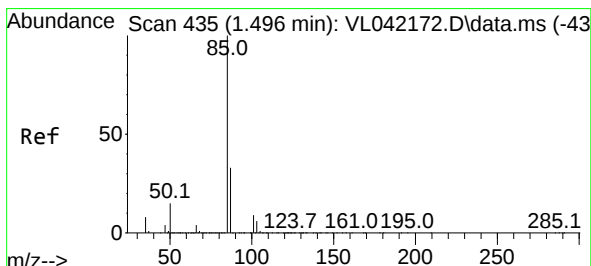
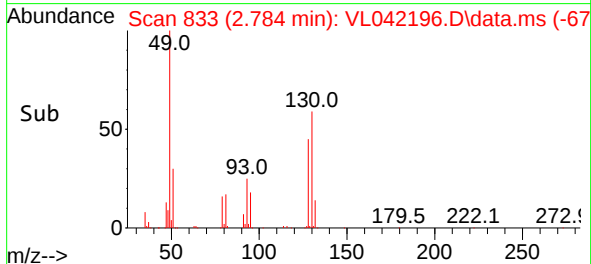
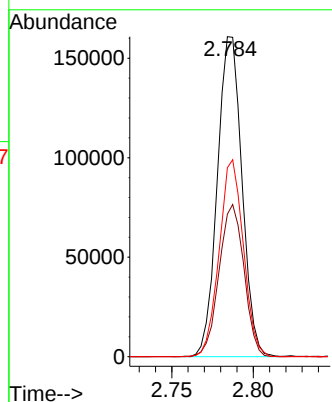
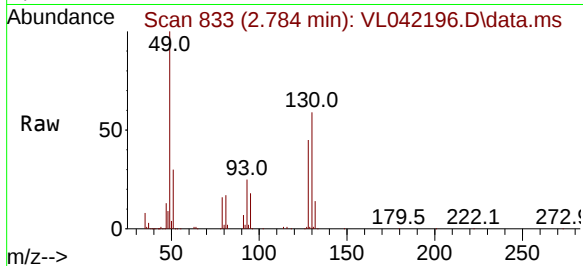




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

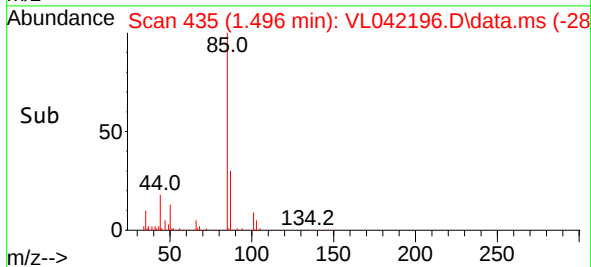
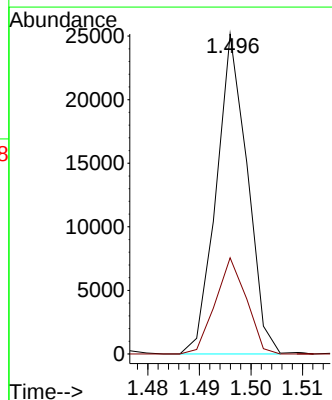
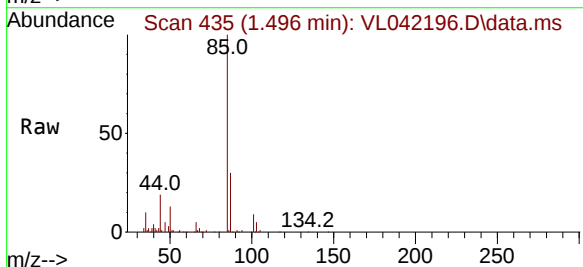
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

Tgt Ion: 49 Resp: 169076
Ion Ratio Lower Upper
49 100
128 48.0 22.9 68.5
130 60.4 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 0.421 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 85 Resp: 10520
Ion Ratio Lower Upper
85 100
87 30.1 26.1 39.1

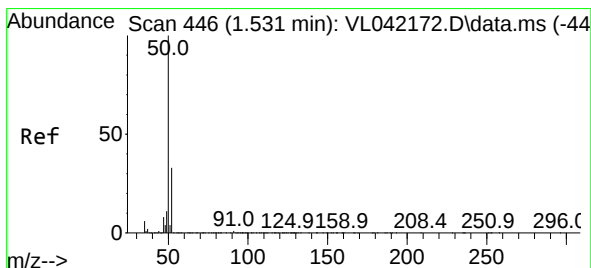
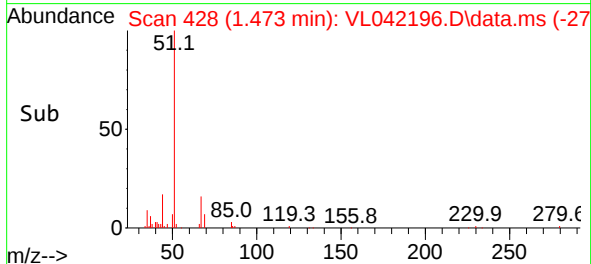
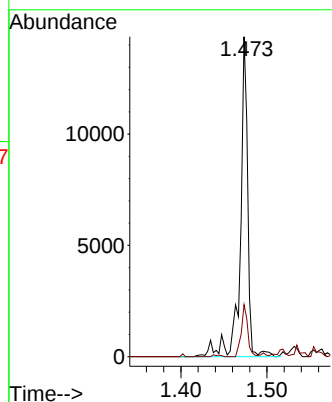
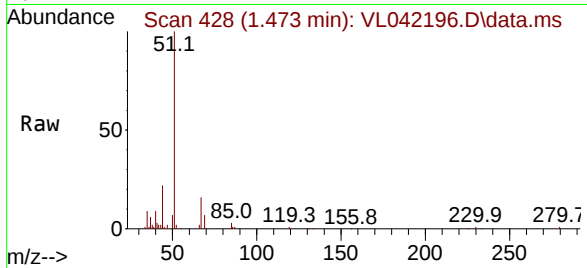




#3
Chlorodifluoromethane
Concen: 0.338 ppbv
RT: 1.473 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

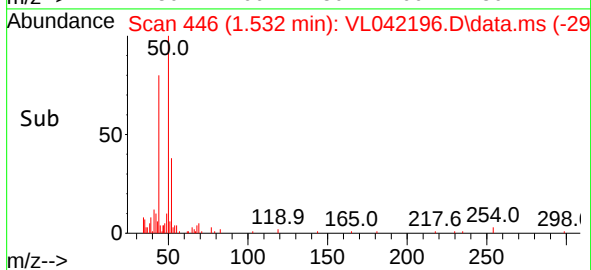
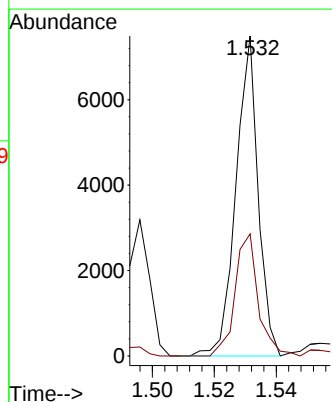
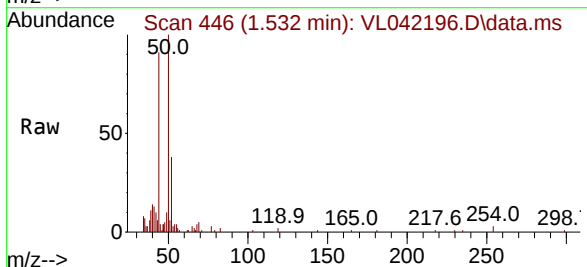
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ClientSampleId :
IA-B9-3-3262025DUP

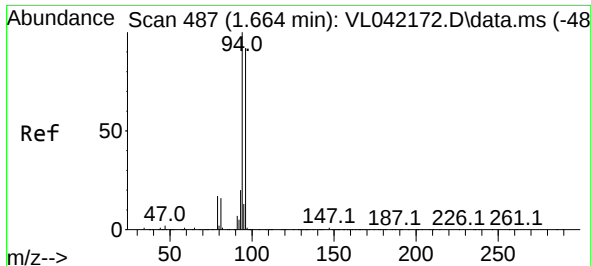
Tgt Ion: 51 Resp: 8616
Ion Ratio Lower Upper
51 100
67 15.8 15.0 22.6



#4
Chloromethane
Concen: 0.366 ppbv
RT: 1.532 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 50 Resp: 3735
Ion Ratio Lower Upper
50 100
52 38.1 26.1 39.1

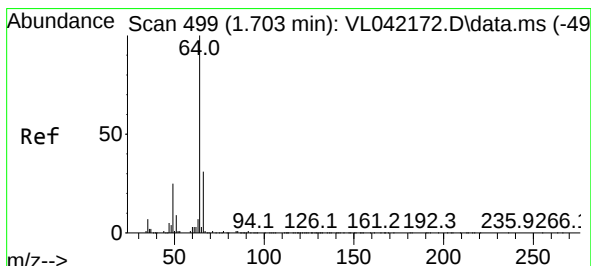
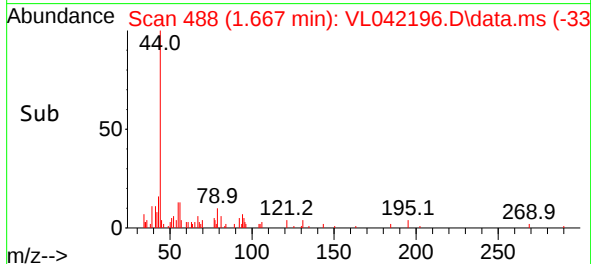
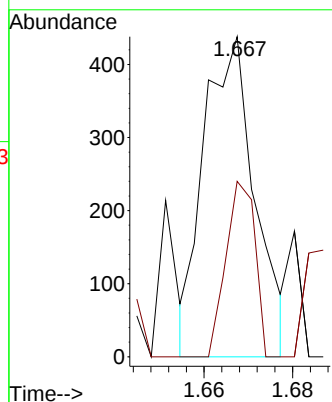
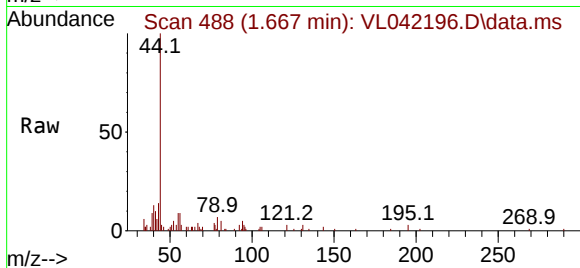




#6
Bromomethane
Concen: 0.076 ppbv
RT: 1.667 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

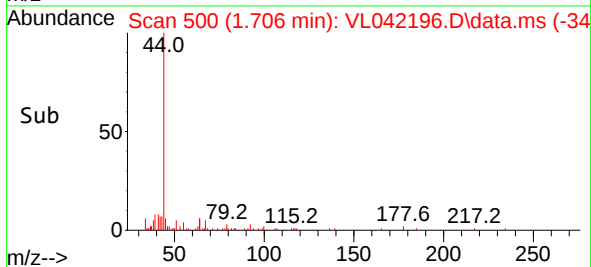
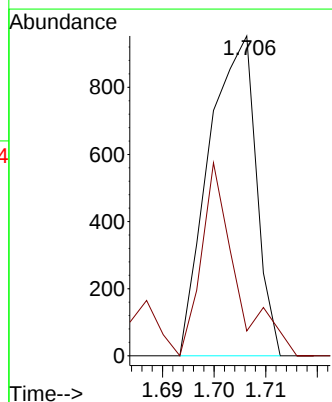
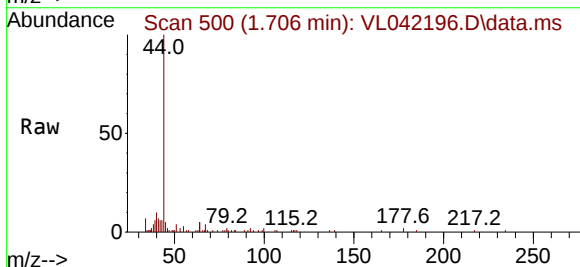
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ClientSampleId :
IA-B9-3-3262025DUP

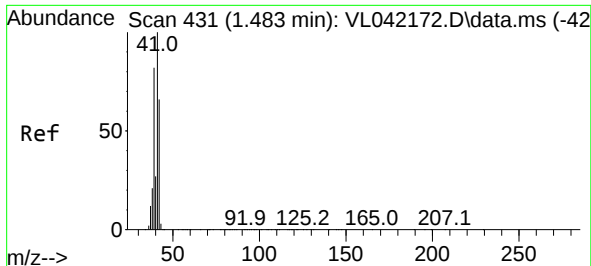
Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 65.6 73.1 109.7#



#7
Chloroethane
Concen: 0.148 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 64 Resp: 606
Ion Ratio Lower Upper
64 100
66 7.8 25.2 37.8#





#9

Propene

Concen: 0.854 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042196.D

Acq: 28 Mar 2025 00:44

Instrument :

MSVOA_L

ClientSampleId :

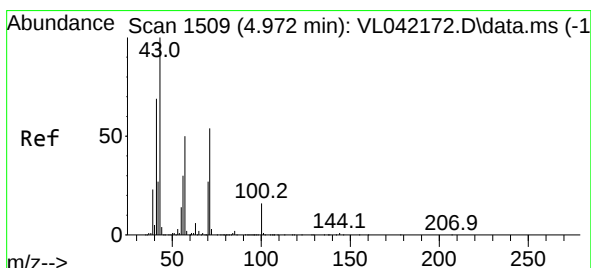
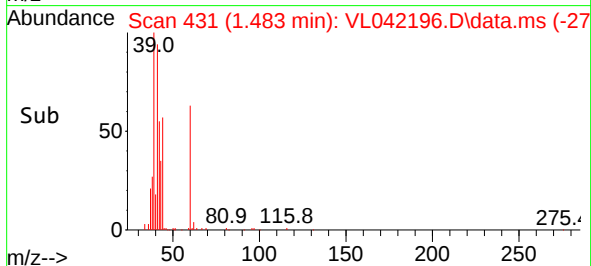
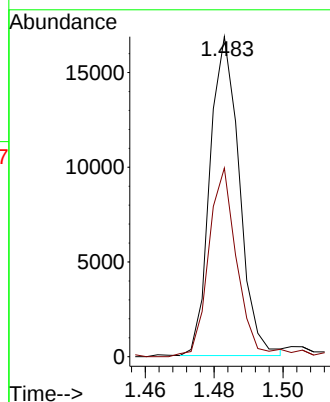
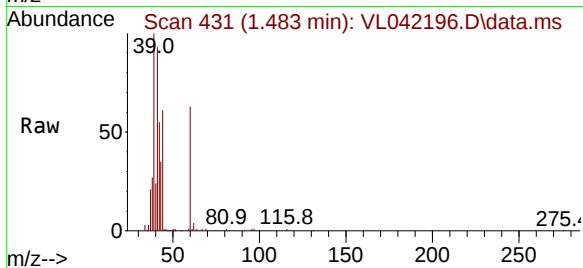
IA-B9-3-3262025DUP

Tgt Ion: 41 Resp: 9977

Ion Ratio Lower Upper

41 100

42 59.7 55.4 83.2



#10

Heptane

Concen: 0.121 ppbv

RT: 4.969 min Scan# 1508

Delta R.T. -0.003 min

Lab File: VL042196.D

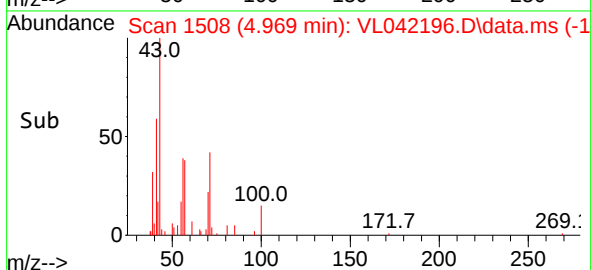
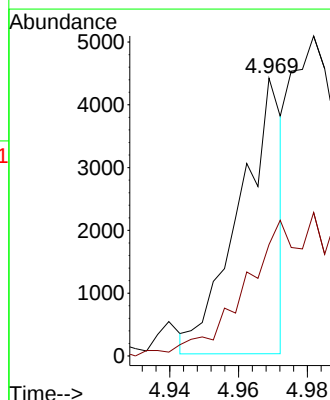
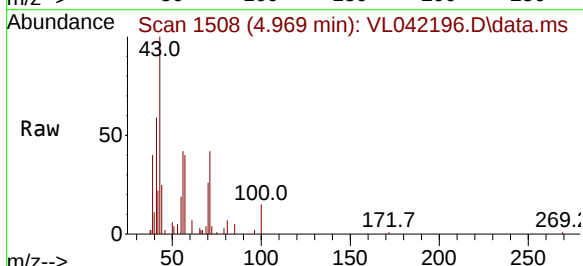
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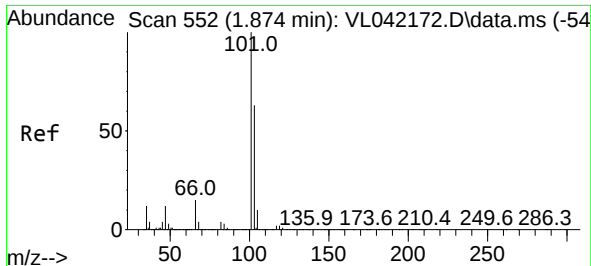
Tgt Ion: 43 Resp: 3770

Ion Ratio Lower Upper

43 100

57 0.0 39.4 59.2#

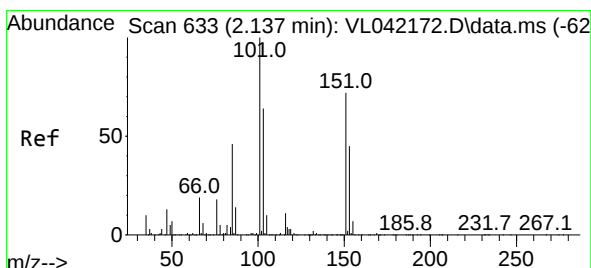
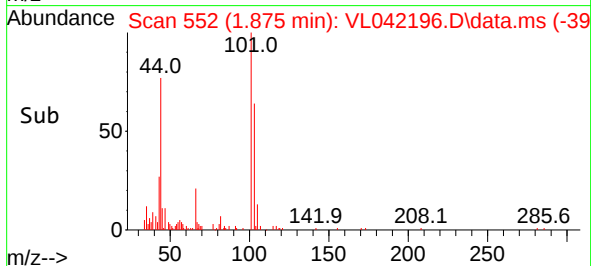
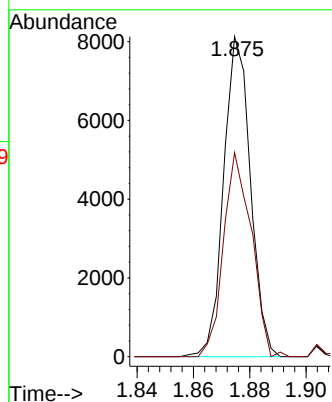
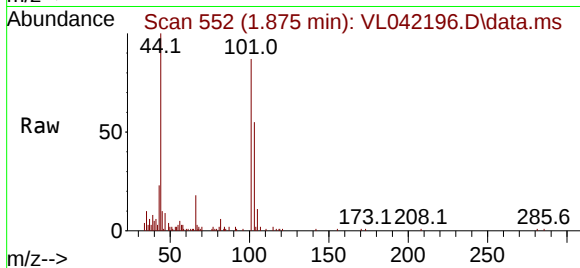




#11
 Trichlorofluoromethane
 Concen: 0.221 ppbv
 RT: 1.875 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042196.D
 Acq: 28 Mar 2025 00:44

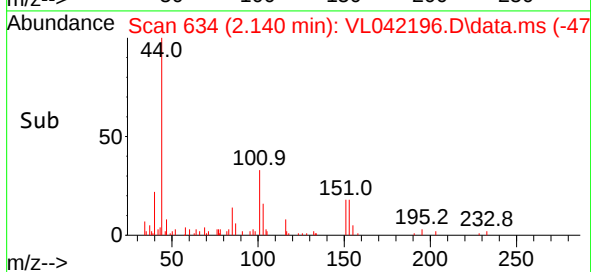
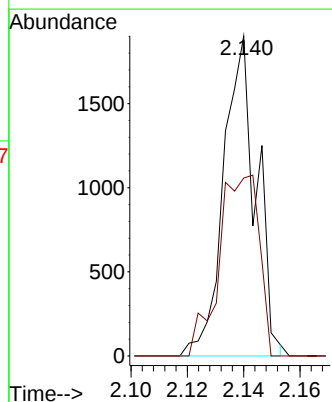
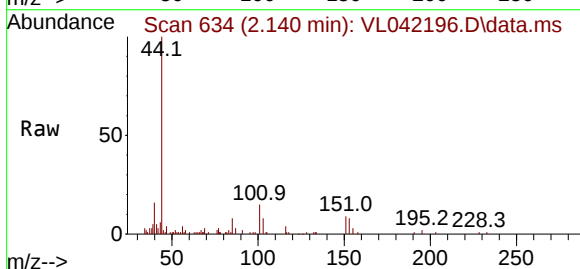
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-3-3262025DUP

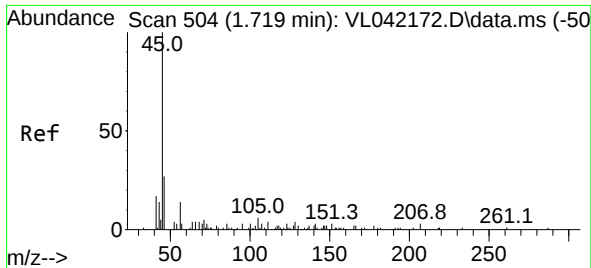
Tgt Ion:101 Resp: 5375
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.077 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042196.D
 Acq: 28 Mar 2025 00:44

Tgt Ion:101 Resp: 1528
 Ion Ratio Lower Upper
 101 100
 151 69.8 57.1 85.7

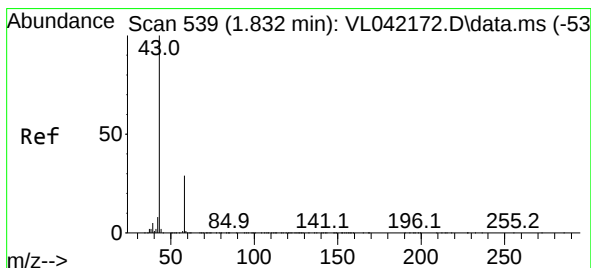
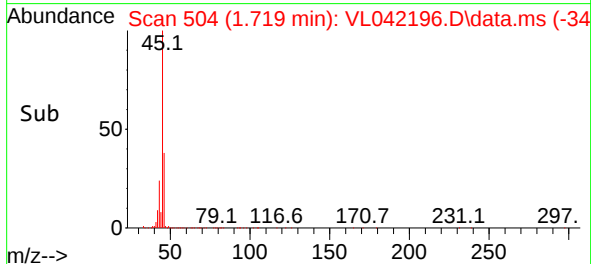
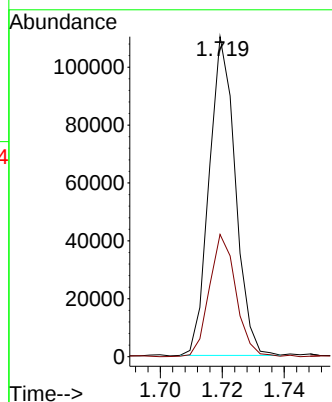
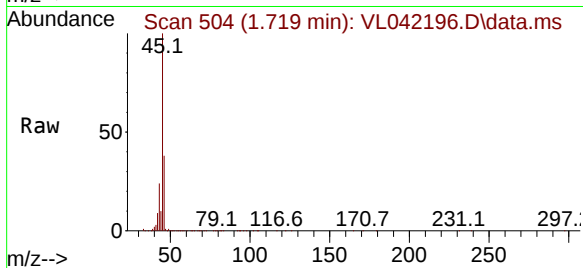




#13
Ethanol
Concen: 58.343 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

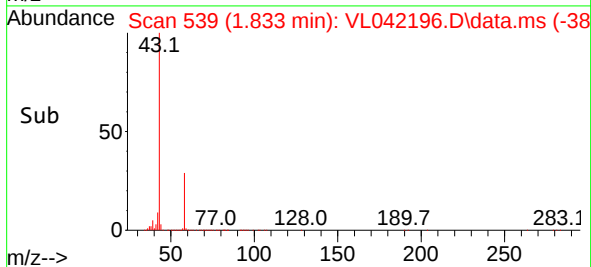
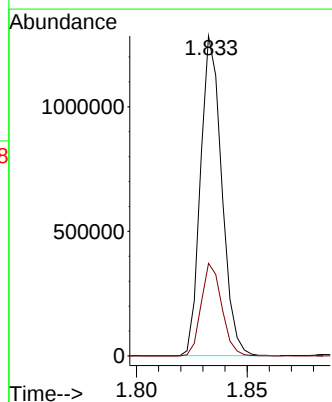
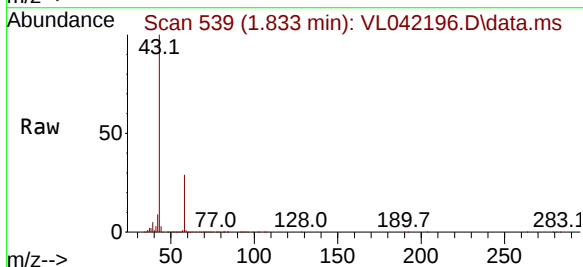
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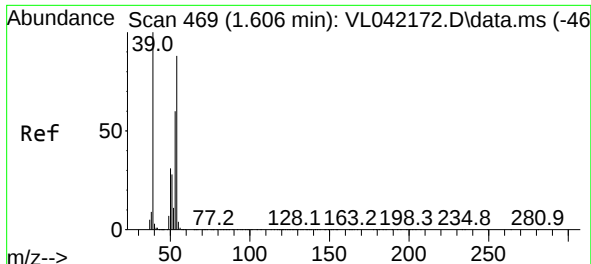
Tgt Ion: 45 Resp: 64469
Ion Ratio Lower Upper
45 100
46 40.2 20.2 80.8



#15
Acetone
Concen: 36.240 ppbv
RT: 1.833 min Scan# 539
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 43 Resp: 856935
Ion Ratio Lower Upper
43 100
58 28.2 23.2 34.8

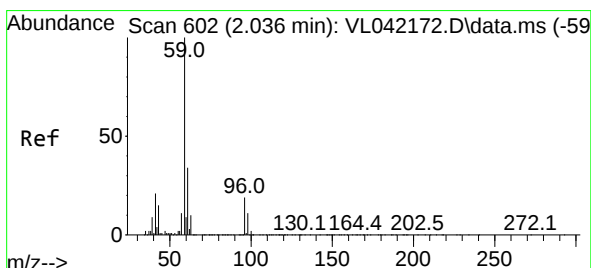
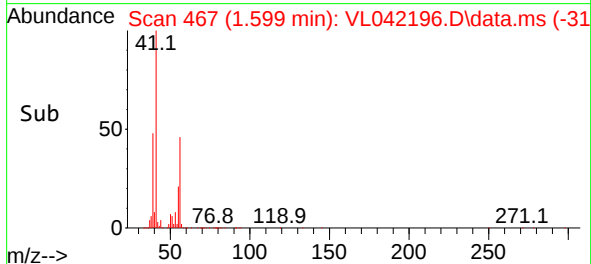
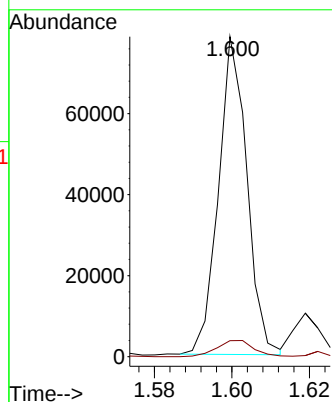
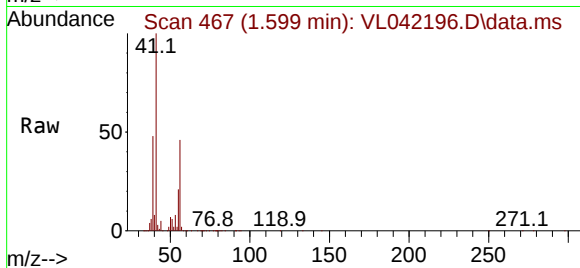




#16
1,3-Butadiene
Concen: 3.459 ppbv
RT: 1.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

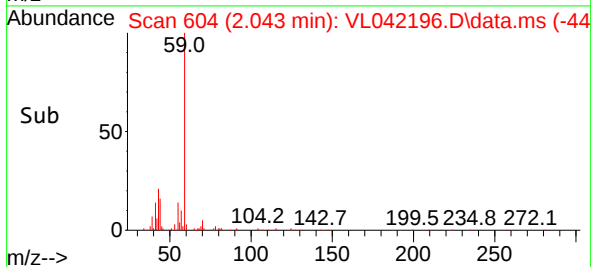
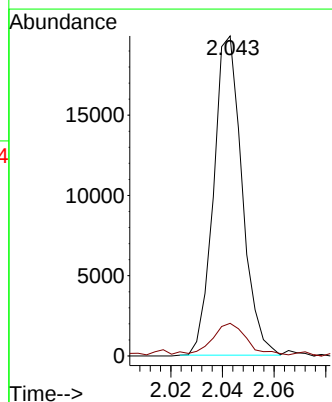
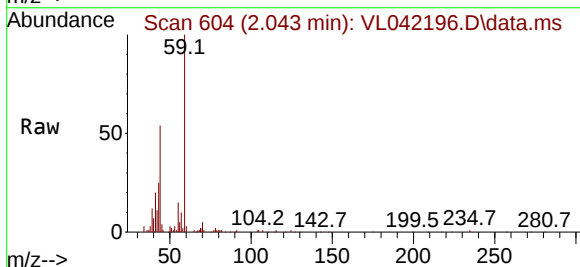
Instrument :
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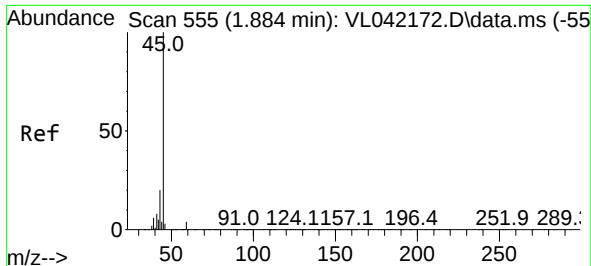
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Ion Ratio Lower Upper
39 100
54 7.9 60.7 91.1#



#17
tert-Butyl alcohol
Concen: 0.517 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.007 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 59 Resp: 15220
Ion Ratio Lower Upper
59 100
57 14.7 8.9 13.3#

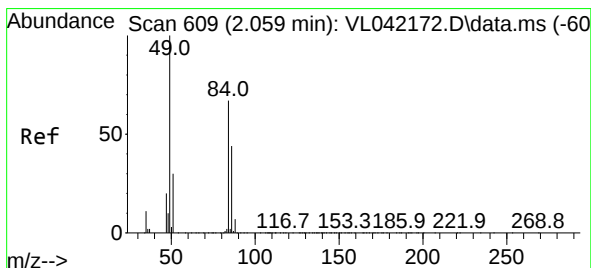
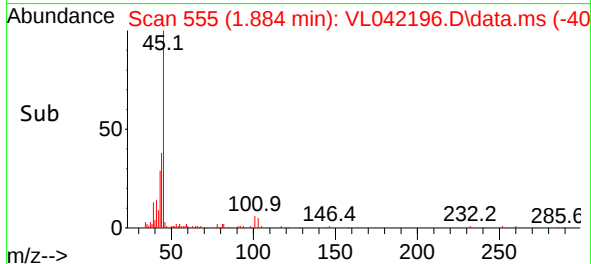
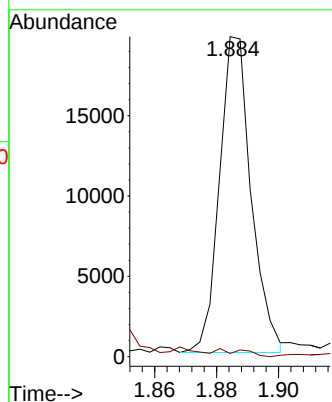
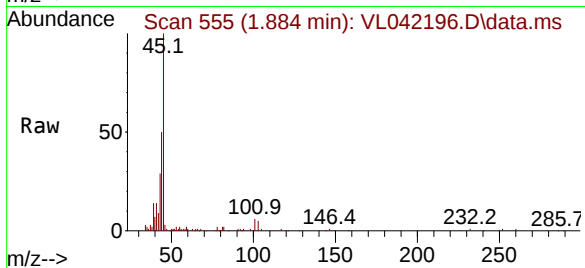




#19
Isopropyl Alcohol
Concen: 1.050 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

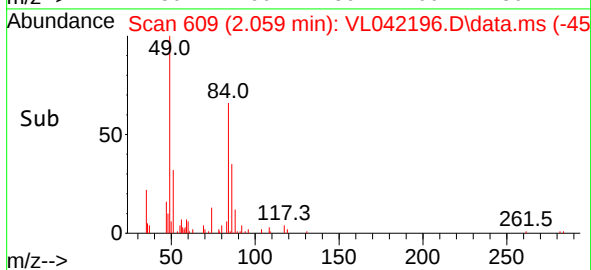
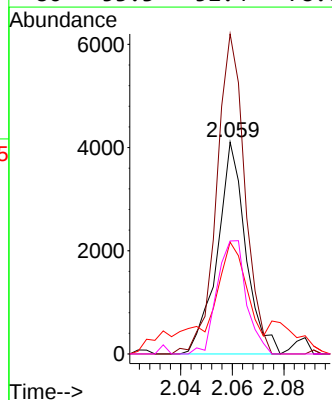
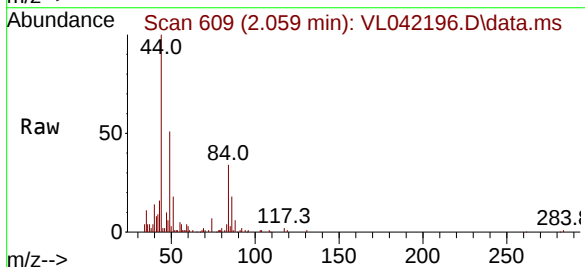
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

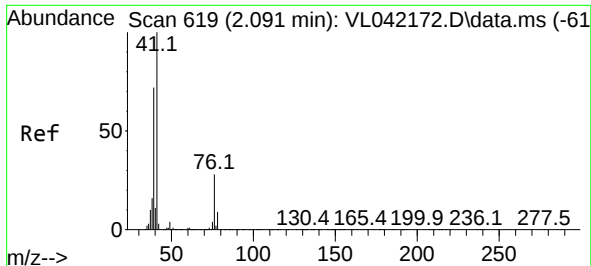
Tgt Ion: 45 Resp: 14009
Ion Ratio Lower Upper
45 100
58 1723.3 36.9 55.3#



#20
Methylene Chloride
Concen: 0.356 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 84 Resp: 3137
Ion Ratio Lower Upper
84 100
49 151.0 120.2 180.4
51 39.1 37.4 56.0
86 53.3 52.4 78.6

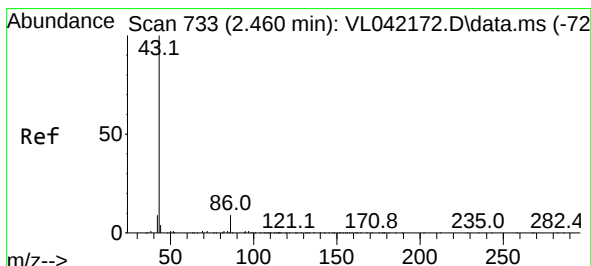
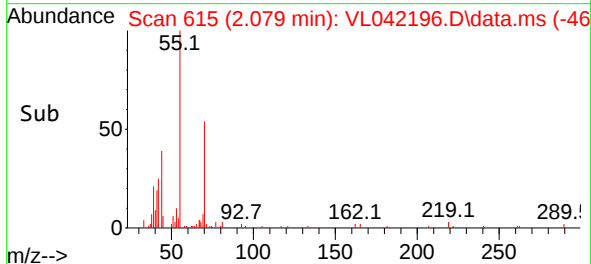
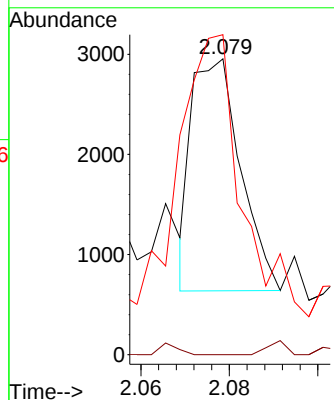
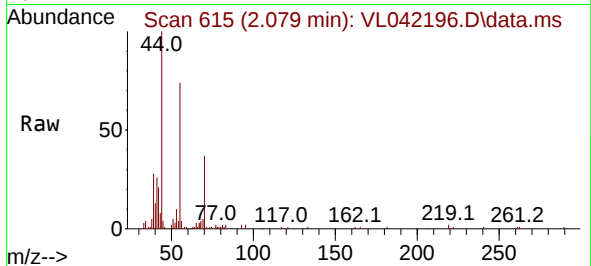




#21
 Allyl Chloride
 Concen: 0.107 ppbv
 RT: 2.079 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL042196.D
 Acq: 28 Mar 2025 00:44

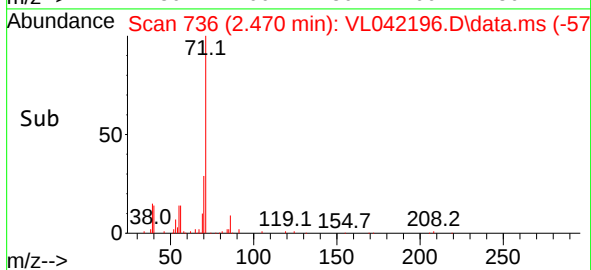
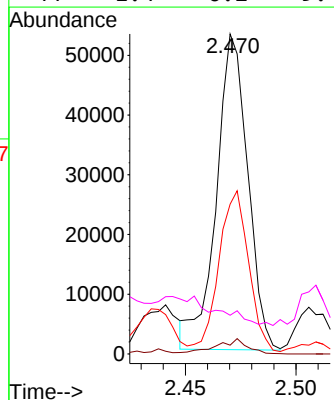
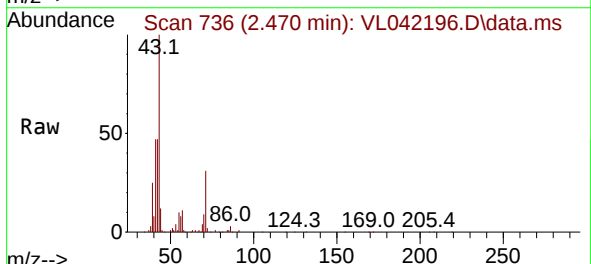
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-3-3262025DUP

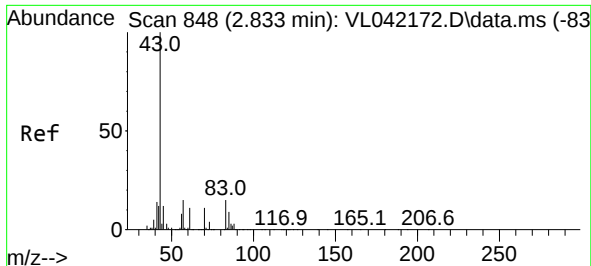
Tgt Ion: 41 Resp: 1778
 Ion Ratio Lower Upper
 41 100
 76 1.9 24.1 36.1#
 39 0.0 61.1 91.7#



#23
 Vinyl Acetate
 Concen: 5.103 ppbv
 RT: 2.470 min Scan# 736
 Delta R.T. 0.010 min
 Lab File: VL042196.D
 Acq: 28 Mar 2025 00:44

Tgt Ion: 43 Resp: 52228
 Ion Ratio Lower Upper
 43 100
 86 2.7 5.5 8.3#
 42 46.8 8.6 13.0#
 44 1.4 6.2 9.4#

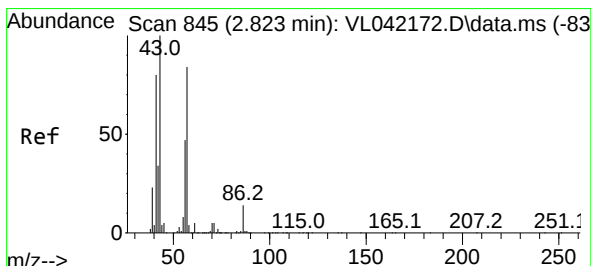
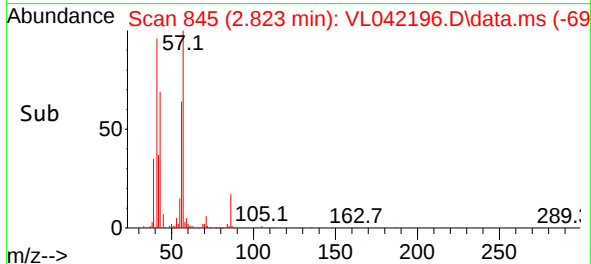
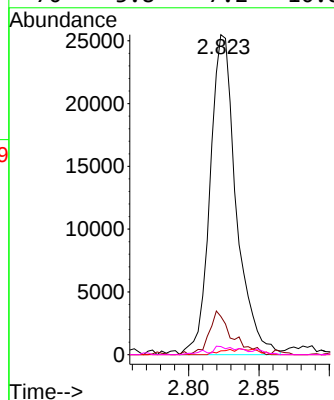
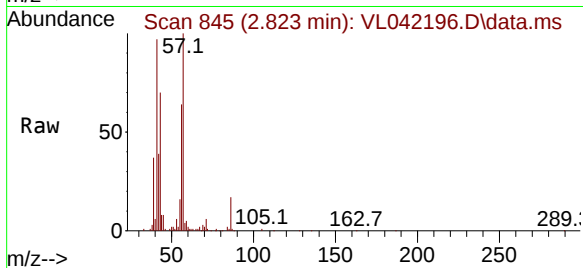




#25
Ethyl Acetate
Concen: 0.536 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.010 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

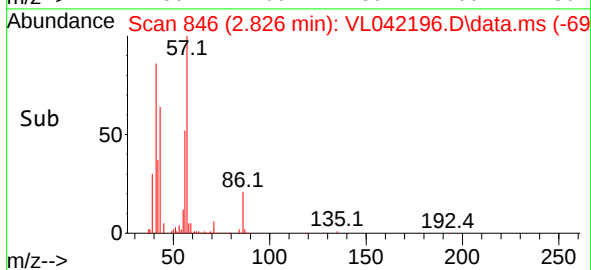
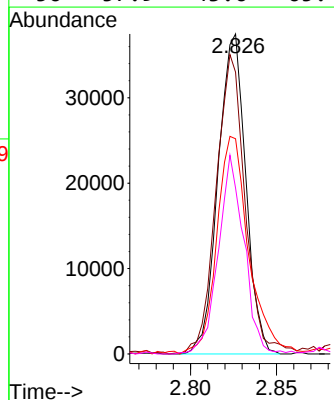
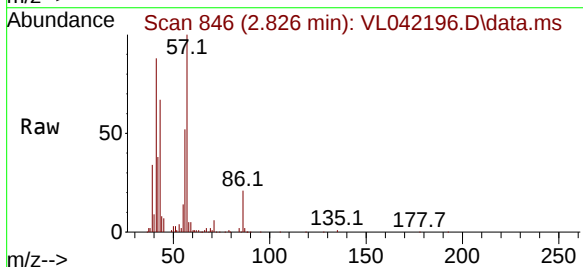
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

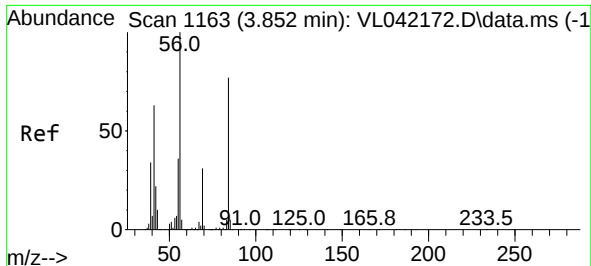
Tgt Ion:	43	Resp:	32884
Ion	Ratio	Lower	Upper
43	100		
45	13.1	8.2	12.2#
61	2.4	7.3	10.9#
70	3.8	7.2	10.8#



#26
Hexane
Concen: 1.768 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion:	57	Resp:	41919
Ion	Ratio	Lower	Upper
57	100		
41	99.1	76.6	114.8
43	78.9	207.8	311.8#
56	57.9	43.6	65.4

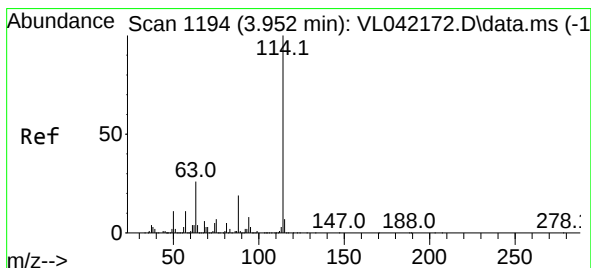
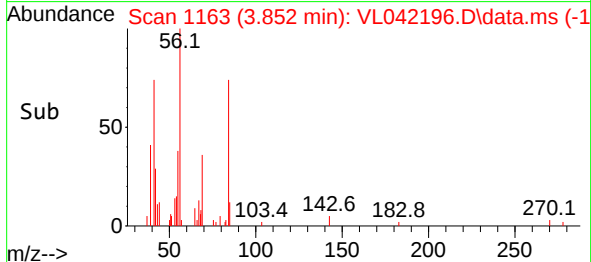
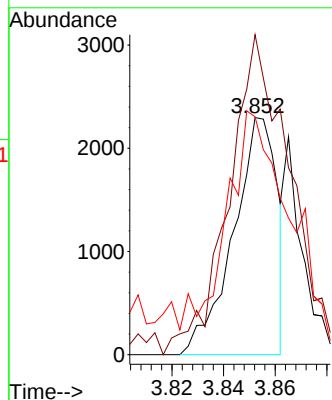
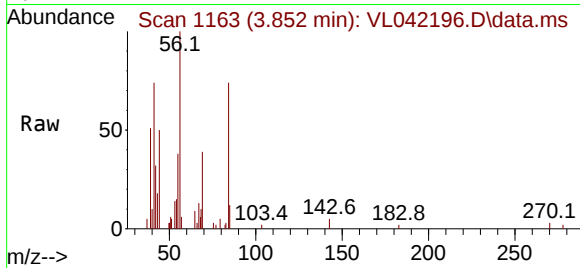




#30
Cyclohexane
Concen: 0.131 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

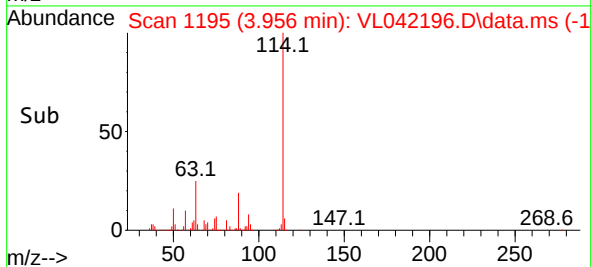
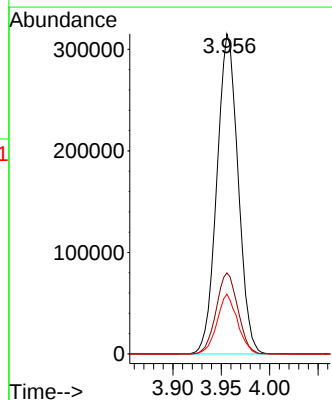
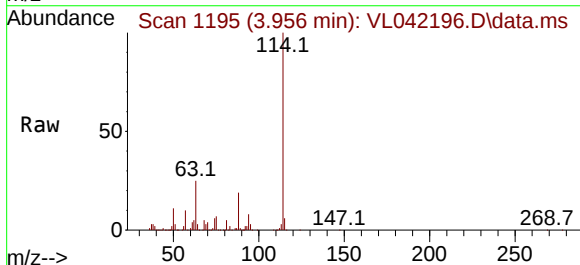
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

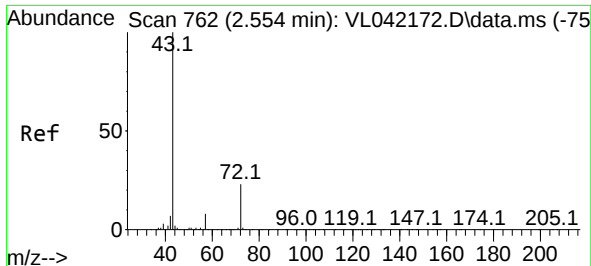
Tgt Ion: 84 Resp: 2703
Ion Ratio Lower Upper
84 100
56 193.4 102.8 154.2#
41 191.5 66.5 99.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.956 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 114 Resp: 480272
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 18.0 15.0 22.4

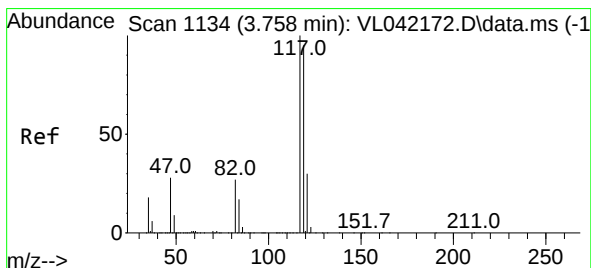
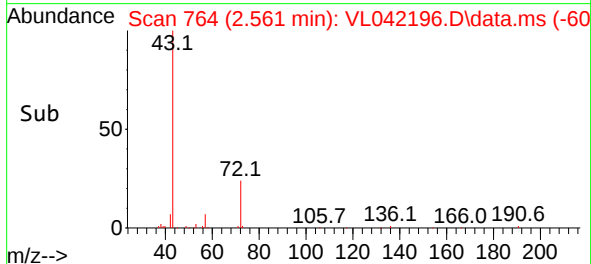
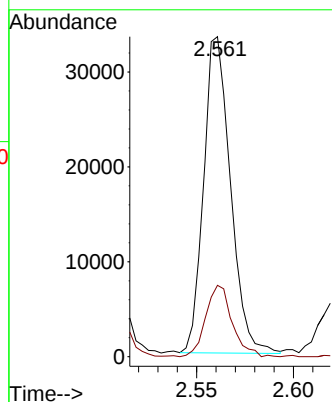
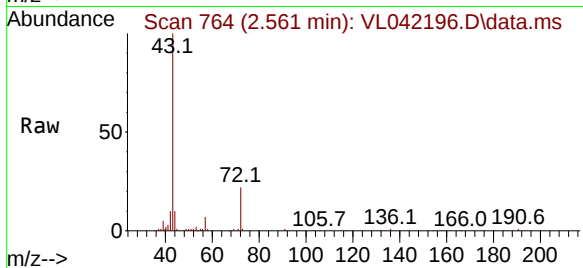




#34
2-Butanone
Concen: 0.925 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.007 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

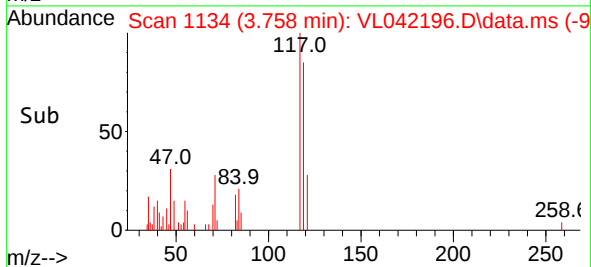
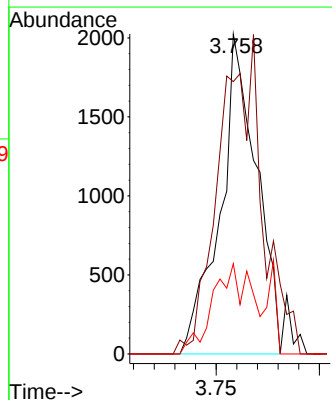
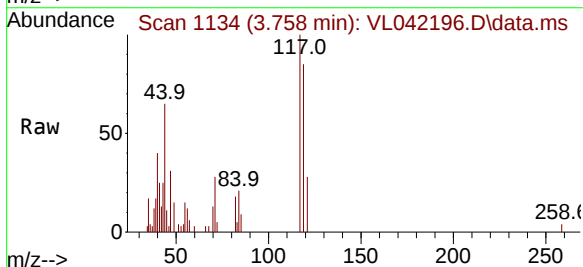
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

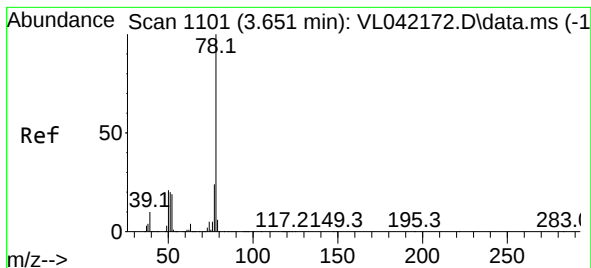
Tgt Ion: 43 Resp: 32222
Ion Ratio Lower Upper
43 100
72 22.4 18.2 27.2



#35
Carbon Tetrachloride
Concen: 0.066 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 117 Resp: 2485
Ion Ratio Lower Upper
117 100
119 80.7 76.2 114.2
121 28.2 24.2 36.4





#36

Benzene

Concen: 0.622 ppbv

RT: 3.652 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VL042196.D

Acq: 28 Mar 2025 00:44

Instrument :

MSVOA_1

ClientSampleId :

IA-B9-3-3262025DUP

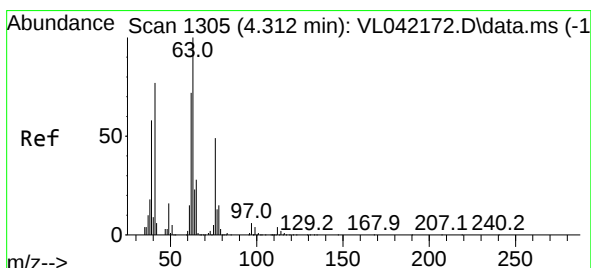
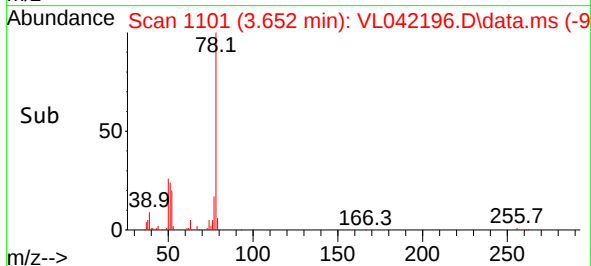
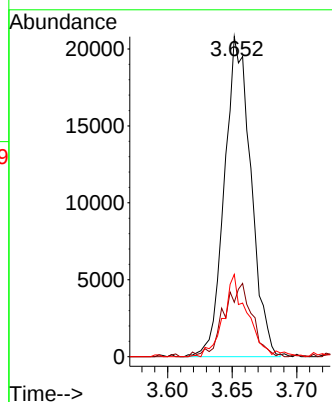
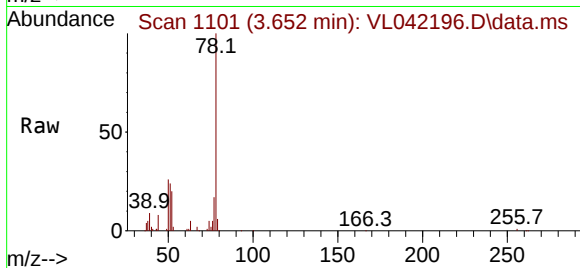
Tgt Ion: 78 Resp: 29626

Ion Ratio Lower Upper

78 100

77 17.0 19.1 28.7#

50 25.7 16.6 24.8#



#39

1,2-Dichloropropane

Concen: 7.163 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. -0.356 min

Lab File: VL042196.D

Acq: 28 Mar 2025 00:44

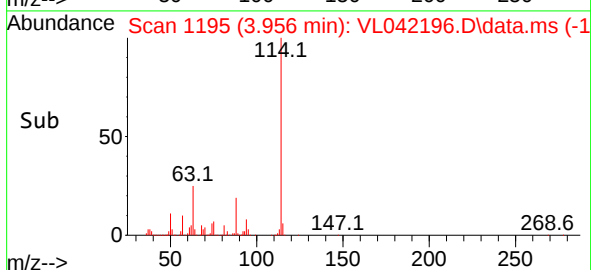
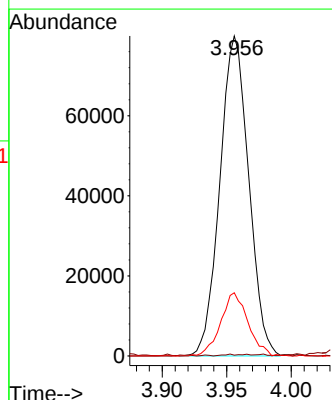
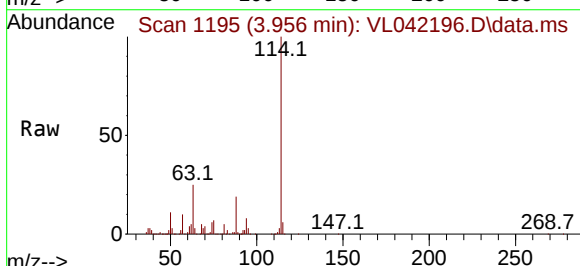
Tgt Ion: 63 Resp: 124212

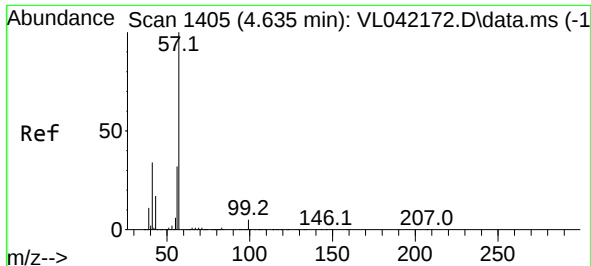
Ion Ratio Lower Upper

63 100

41 0.5 61.7 92.5#

62 19.7 57.6 86.4#

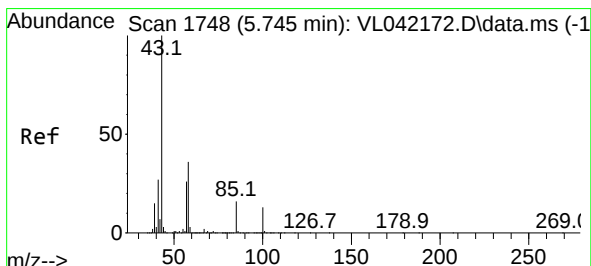
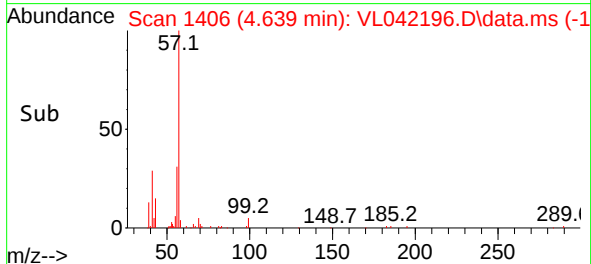
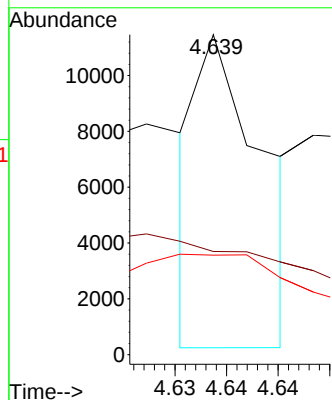
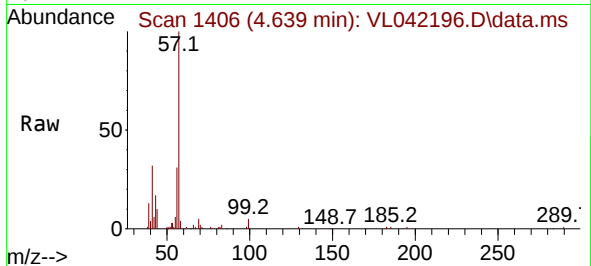




#44
2,2,4-Trimethylpentane
Concen: 0.061 ppbv
RT: 4.639 min Scan# 1405
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

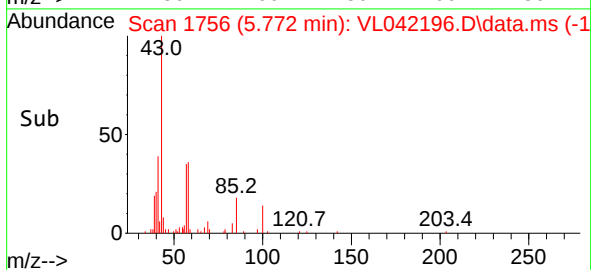
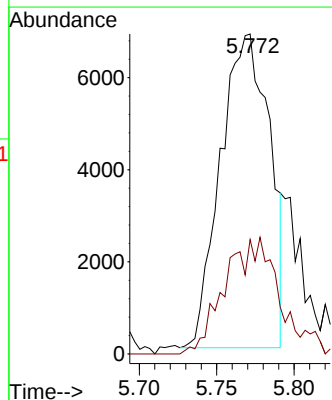
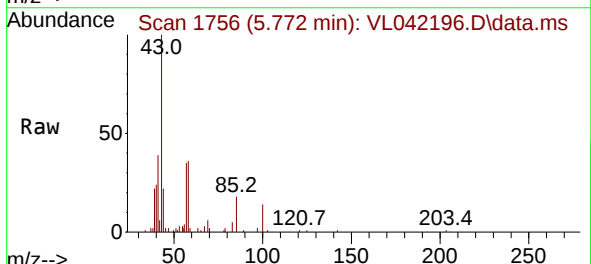
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

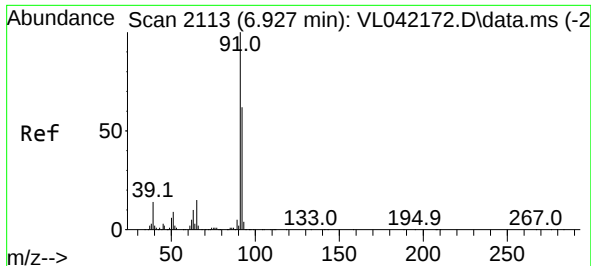
Tgt Ion: 57 Resp: 4920
Ion Ratio Lower Upper
57 100
41 0.0 26.8 40.2#
56 0.0 25.6 38.4#



#50
4-Methyl-2-Pentanone
Concen: 0.272 ppbv
RT: 5.772 min Scan# 1756
Delta R.T. 0.026 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 43 Resp: 15022
Ion Ratio Lower Upper
43 100
58 42.0 29.0 43.6

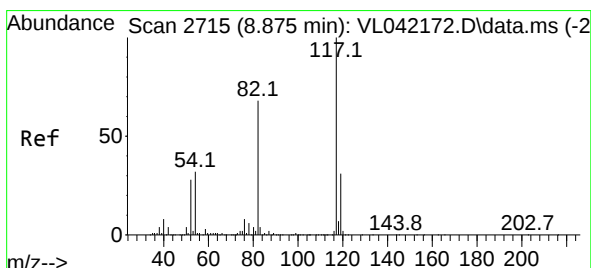
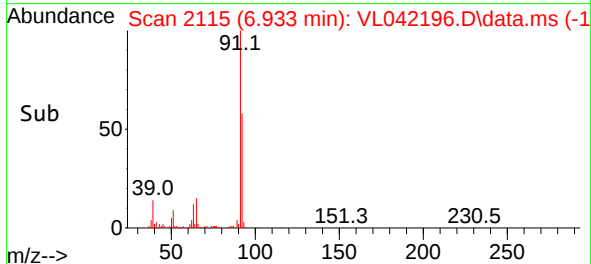
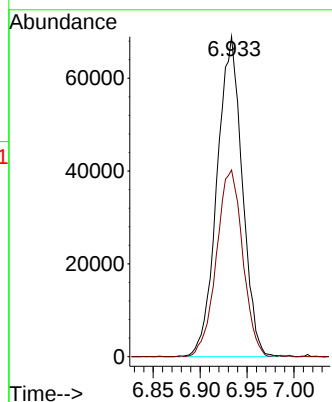
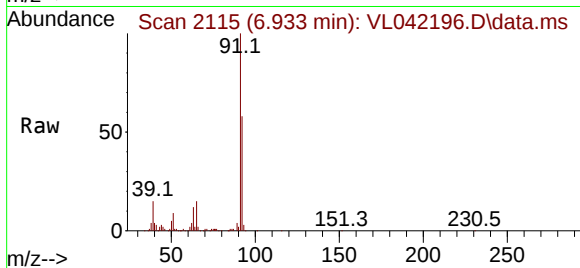




#53
Toluene
Concen: 2.284 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

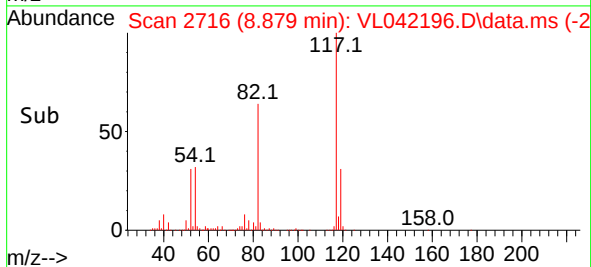
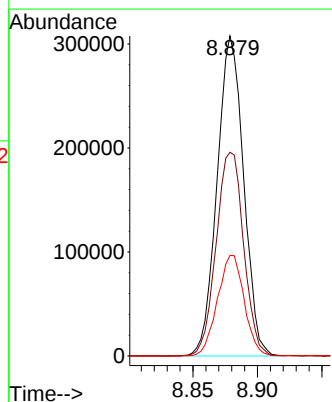
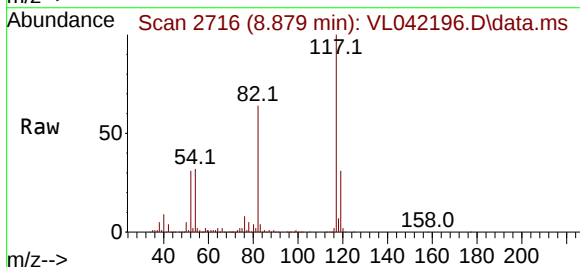
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

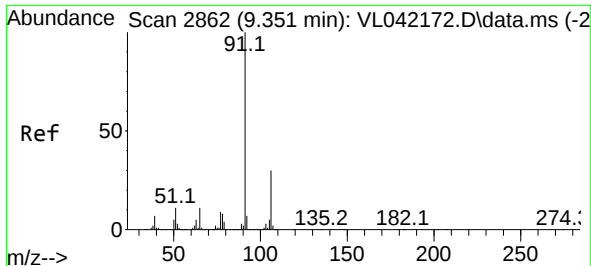
Tgt Ion: 91 Resp: 128886
Ion Ratio Lower Upper
91 100
92 61.0 48.4 72.6



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.879 min Scan# 2716
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 117 Resp: 439128
Ion Ratio Lower Upper
117 100
82 66.0 55.8 83.6
119 31.7 25.5 38.3





#58

Ethyl Benzene

Concen: 0.279 ppbv

RT: 9.351 min Scan# 21749

Delta R.T. 0.000 min

Lab File: VL042196.D

Acq: 28 Mar 2025 00:44

Instrument :

MSVOA_L

ClientSampleId :

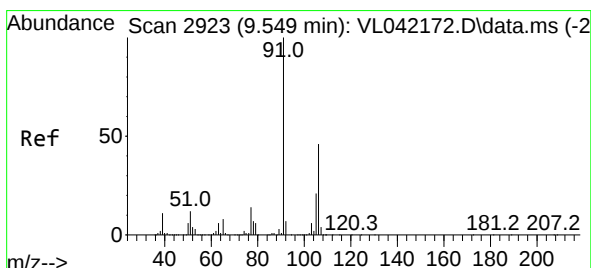
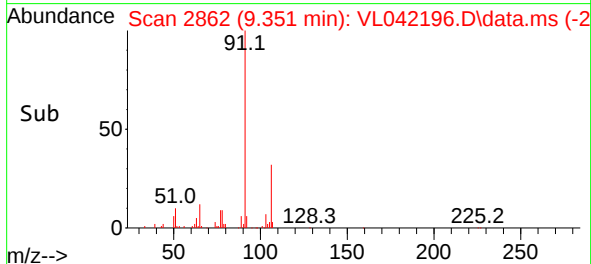
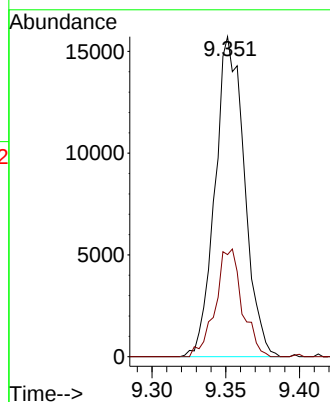
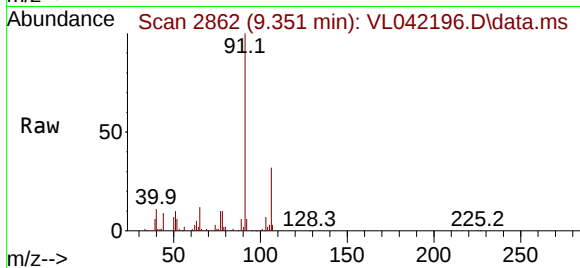
IA-B9-3-3262025DUP

Tgt Ion: 91 Resp: 21749

Ion Ratio Lower Upper

91 100

106 31.9 24.2 36.2



#59

m/p-Xylene

Concen: 1.051 ppbv

RT: 9.526 min Scan# 2916

Delta R.T. -0.022 min

Lab File: VL042196.D

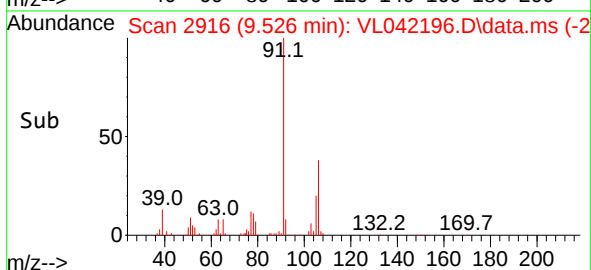
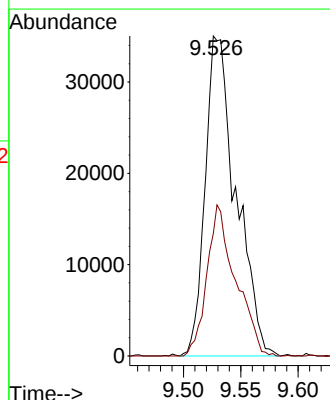
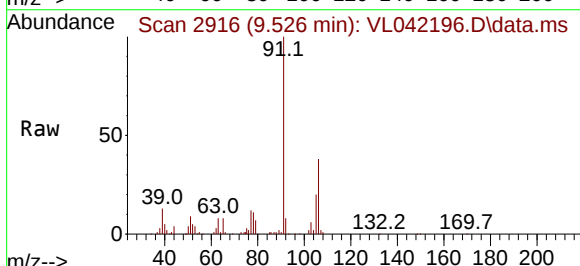
Acq: 28 Mar 2025 00:44

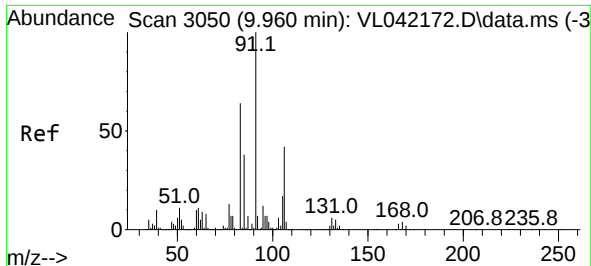
Tgt Ion: 91 Resp: 65488

Ion Ratio Lower Upper

91 100

106 43.9 36.4 54.6

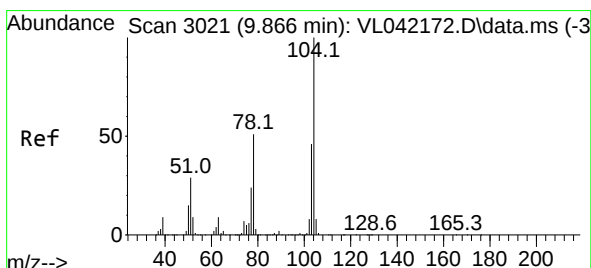
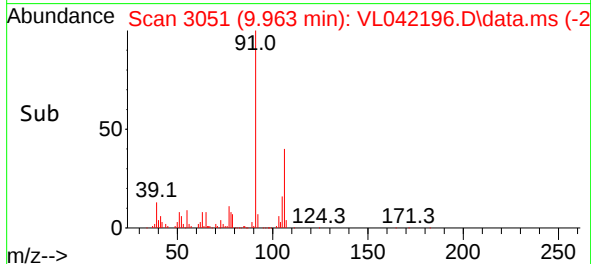
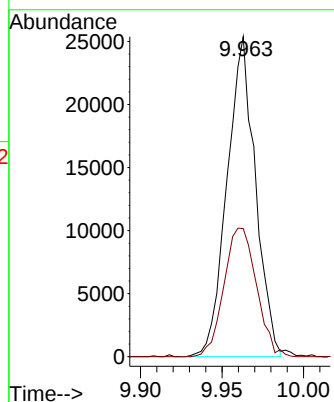
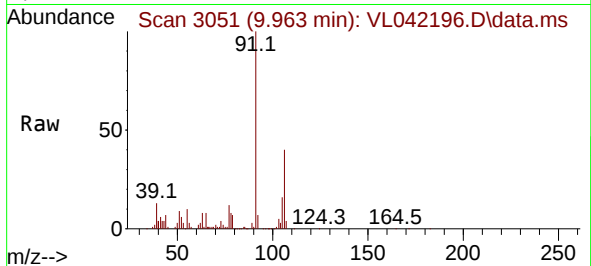




#60
o-Xylene
Concen: 0.491 ppbv
RT: 9.963 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

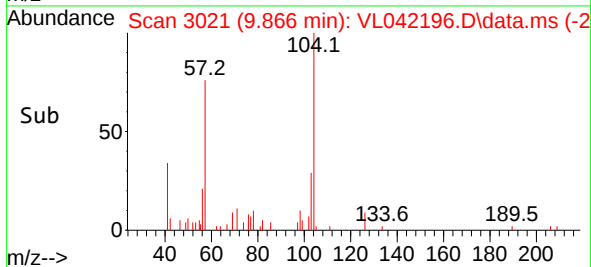
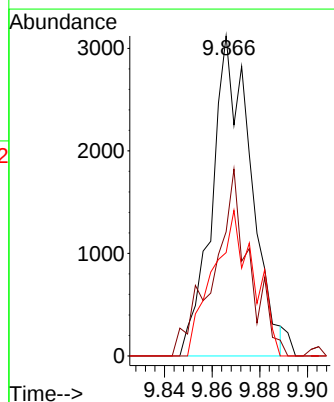
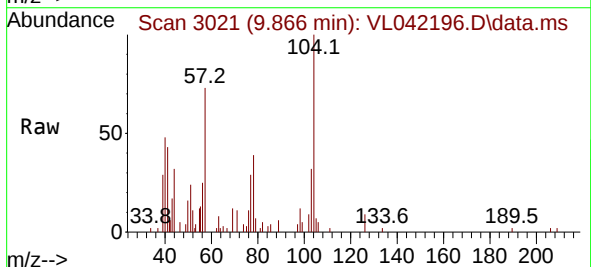
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

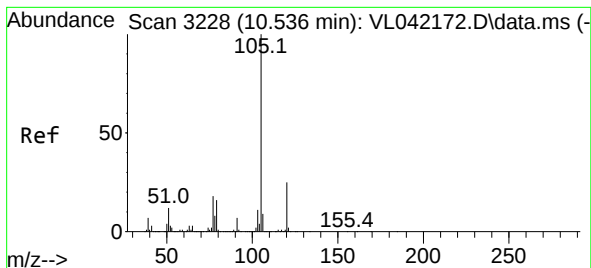
Tgt Ion: 91 Resp: 30665
Ion Ratio Lower Upper
91 100
106 46.1 20.8 62.5



#61
Styrene
Concen: 0.114 ppbv
RT: 9.866 min Scan# 3021
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 104 Resp: 3531
Ion Ratio Lower Upper
104 100
78 54.4 41.8 62.6
103 47.9 37.0 55.4





#62

Isopropylbenzene

Concen: 0.034 ppbv

RT: 10.536 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL042196.D

Acq: 28 Mar 2025 00:44

Instrument :

MSVOA_L

ClientSampleId :

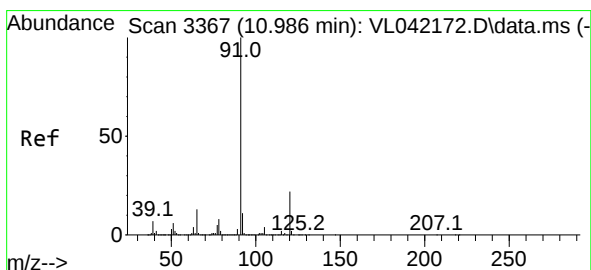
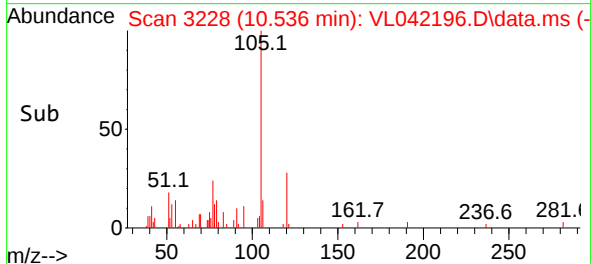
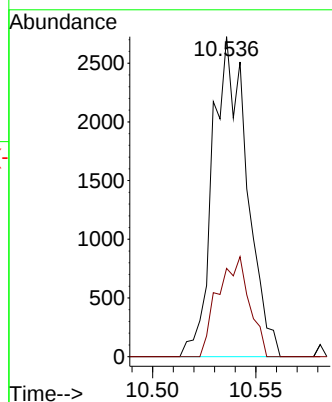
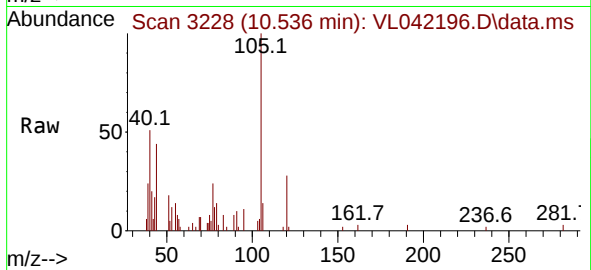
IA-B9-3-3262025DUP

Tgt Ion:105 Resp: 3147

Ion Ratio Lower Upper

105 100

120 28.7 19.9 29.9



#64

n-propylbenzene

Concen: 0.073 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. 0.003 min

Lab File: VL042196.D

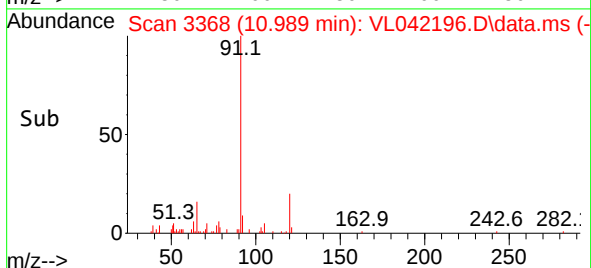
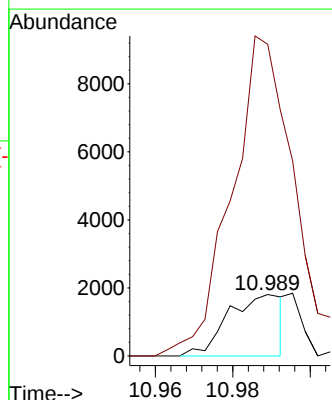
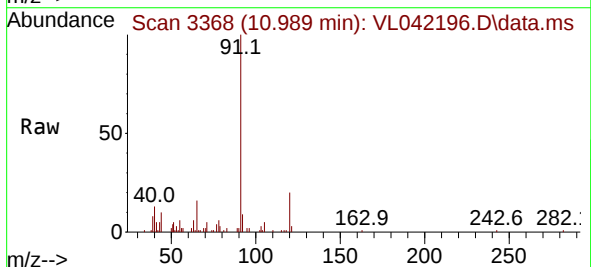
Acq: 28 Mar 2025 00:44

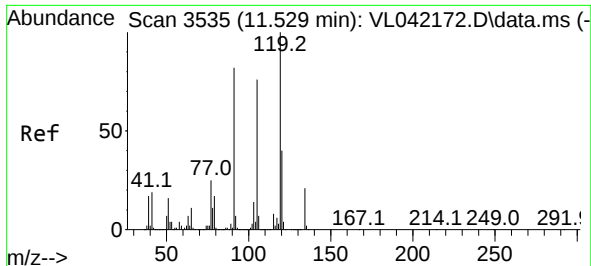
Tgt Ion:120 Resp: 1763

Ion Ratio Lower Upper

120 100

91 609.8 376.9 565.3#

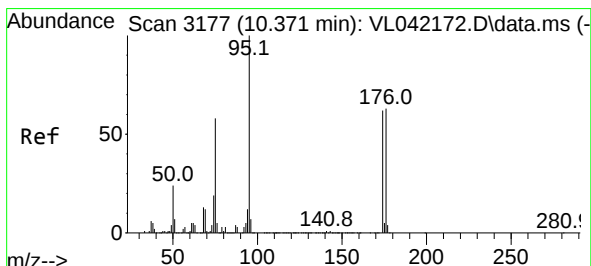
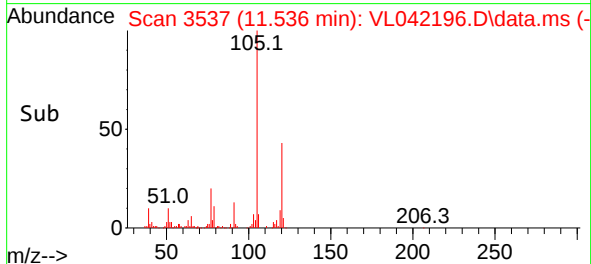
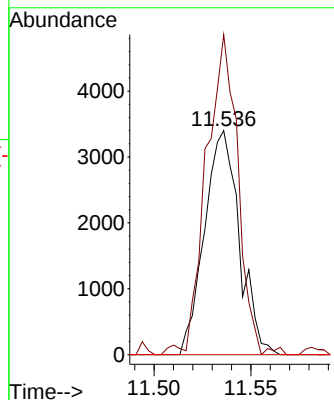
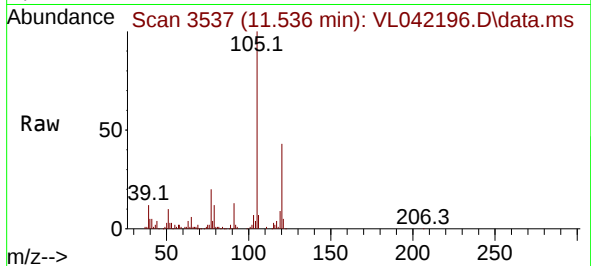




#65
tert-Butylbenzene
Concen: 0.049 ppbv
RT: 11.536 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

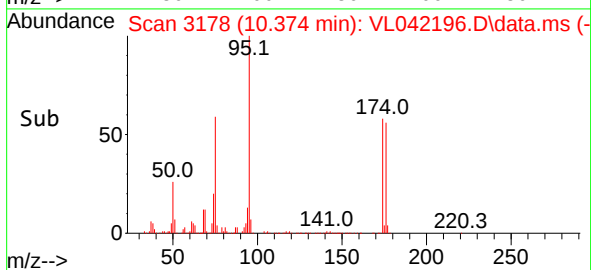
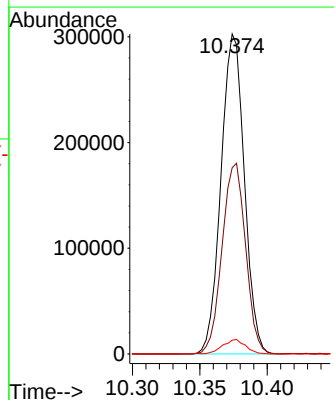
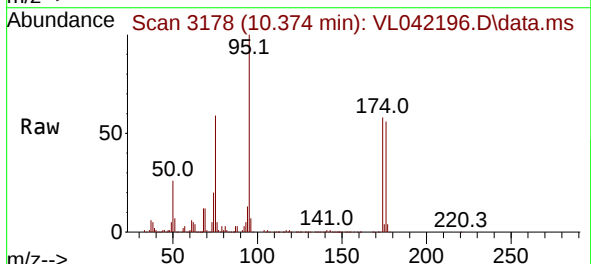
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

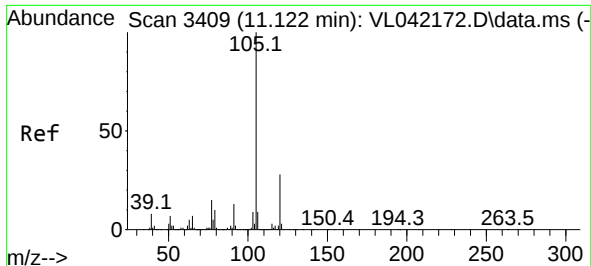
Tgt Ion:119 Resp: 4264
Ion Ratio Lower Upper
119 100
91 129.5 66.0 99.0#
134 0.0 16.7 25.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.105 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

Tgt Ion: 95 Resp: 364412
Ion Ratio Lower Upper
95 100
174 60.3 50.6 76.0
175 4.5 3.8 5.6

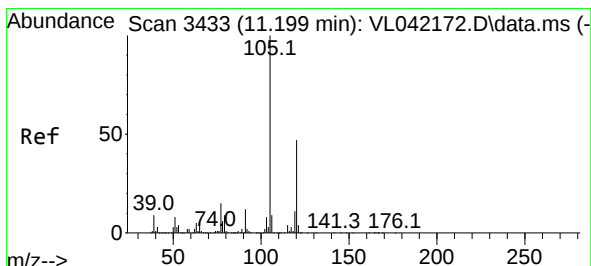
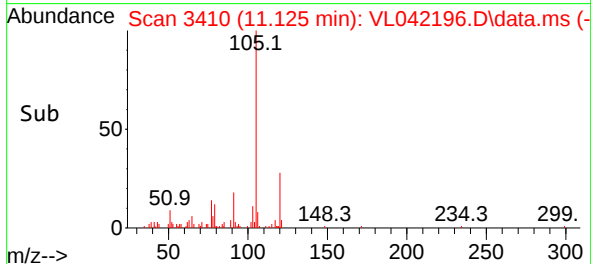
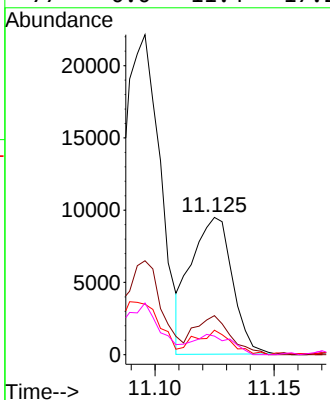
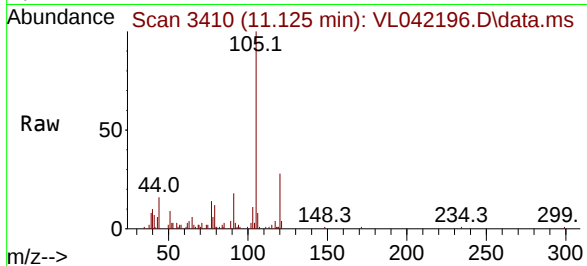




#72
4-Ethyltoluene
Concen: 0.147 ppbv
RT: 11.125 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

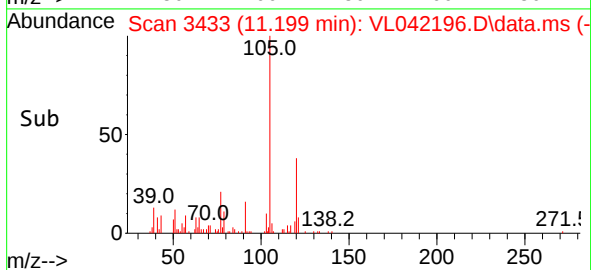
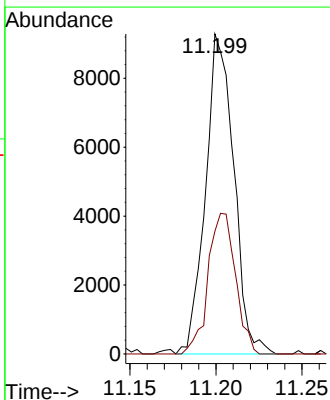
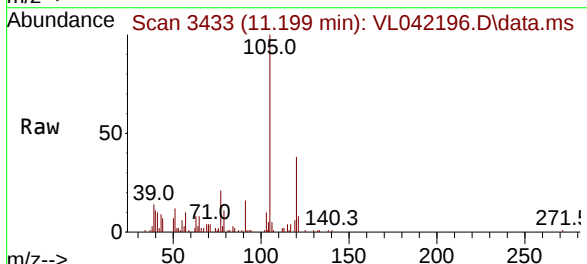
Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025DUP

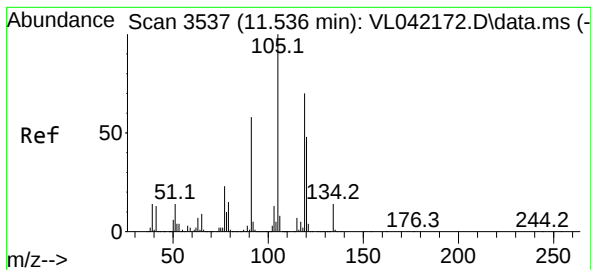
Tgt Ion:105	Resp:	11451
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.4 35.0#
91	0.0	10.3 15.5#
77	0.0	11.4 17.2#



#73
1,3,5-Trimethylbenzene
Concen: 0.156 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. 0.000 min
Lab File: VL042196.D
Acq: 28 Mar 2025 00:44

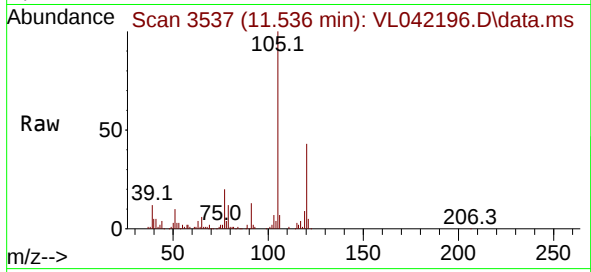
Tgt Ion:105	Resp:	10625
Ion Ratio	Lower	Upper
105	100	
120	38.3	37.4 56.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.487 ppbv
 RT: 11.536 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL042196.D
 Acq: 28 Mar 2025 00:44

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-3-3262025DUP



Tgt Ion:	105	Resp:	38101
Ion	Ratio	Lower	Upper
105	100		
120	42.6	38.6	58.0
91	12.8	46.2	69.2#
77	19.7	18.6	27.8

