

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
 Data File : VL042204.D
 Acq On : 31 Mar 2025 11:06
 Operator : SY/MD
 Sample : Q1669-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-DUP-1-3262025

Quant Time: Apr 01 01:36:52 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	2.806	49	184538	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.984	114	528809	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.907	117	477707	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.399	95	395364	10.078	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	12624	0.463	ppbv	99
3) Chlorodifluoromethane	1.483	51	8664	0.311	ppbv	99
4) Chloromethane	1.538	50	4783	0.430	ppbv #	87
9) Propene	1.489	41	219989	17.243	ppbv	96
10) Heptane	5.017	43	54482	1.605	ppbv	97
11) Trichlorofluoromethane	1.890	101	5277	0.199	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.149	101	1240	0.057	ppbv	94
13) Ethanol	1.732	45	129111	107.052	ppbv	83
15) Acetone	1.845	43	721044	27.938	ppbv #	85
16) 1,3-Butadiene	1.628	39	49448	3.923	ppbv	83
17) tert-Butyl alcohol	2.059	59	5884	0.183	ppbv #	71
19) Isopropyl Alcohol	1.900	45	20570	1.413	ppbv #	1
20) Methylene Chloride	2.075	84	4857	0.505	ppbv #	91
21) Allyl Chloride	2.091	41	10903	0.599	ppbv #	1
23) Vinyl Acetate	2.489	43	197581	17.688	ppbv #	45
25) Ethyl Acetate	2.845	43	80261	1.198	ppbv #	79
26) Hexane	2.845	57	114579	4.428	ppbv #	34
30) Cyclohexane	3.887	84	33602	1.496	ppbv	93
34) 2-Butanone	2.577	43	238611	6.223	ppbv	98
35) Carbon Tetrachloride	3.793	117	2894	0.070	ppbv #	45
36) Benzene	3.683	78	295232	5.632	ppbv	98
39) 1,2-Dichloropropane	3.988	63	136761	7.163	ppbv #	22
41) Tetrahydrofuran	3.081	42	44873	2.032	ppbv	99
42) Bromodichloromethane	4.538	83	1622	0.039	ppbv #	25
44) 2,2,4-Trimethylpentane	4.677	57	203749	2.300	ppbv #	86
50) 4-Methyl-2-Pentanone	5.810	43	11036	0.182	ppbv #	22
51) 2-Hexanone	7.487	43	2034	0.041	ppbv #	100
53) Toluene	6.969	91	601582	9.680	ppbv	99
58) Ethyl Benzene	9.380	91	112145	1.322	ppbv	97
59) m/p-Xylene	9.555	91	343493	5.070	ppbv	99
60) o-Xylene	9.988	91	127965	1.884	ppbv	100
61) Styrene	9.895	104	46841	1.394	ppbv	98
62) Isopropylbenzene	10.565	105	8374	0.082	ppbv	96
64) n-propylbenzene	11.011	120	6017	0.230	ppbv	89
65) tert-Butylbenzene	11.905	119	6664	0.071	ppbv	94
66) Benzyl Chloride	11.636	91	366	0.037	ppbv #	66
67) sec-Butylbenzene	11.785	105	4619	0.035	ppbv #	90
72) 4-Ethyltoluene	11.144	105	37267	0.441	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.222	105	31497	0.426	ppbv	93
74) 1,2,4-Trimethylbenzene	11.555	105	117257	1.378	ppbv #	63
79) Naphthalene	13.529	128	40082	0.431	ppbv	96
80) Naphthalene,2-methyl-	14.474	142	14485	0.317	ppbv #	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

Quant Time: Apr 01 01:36:52 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

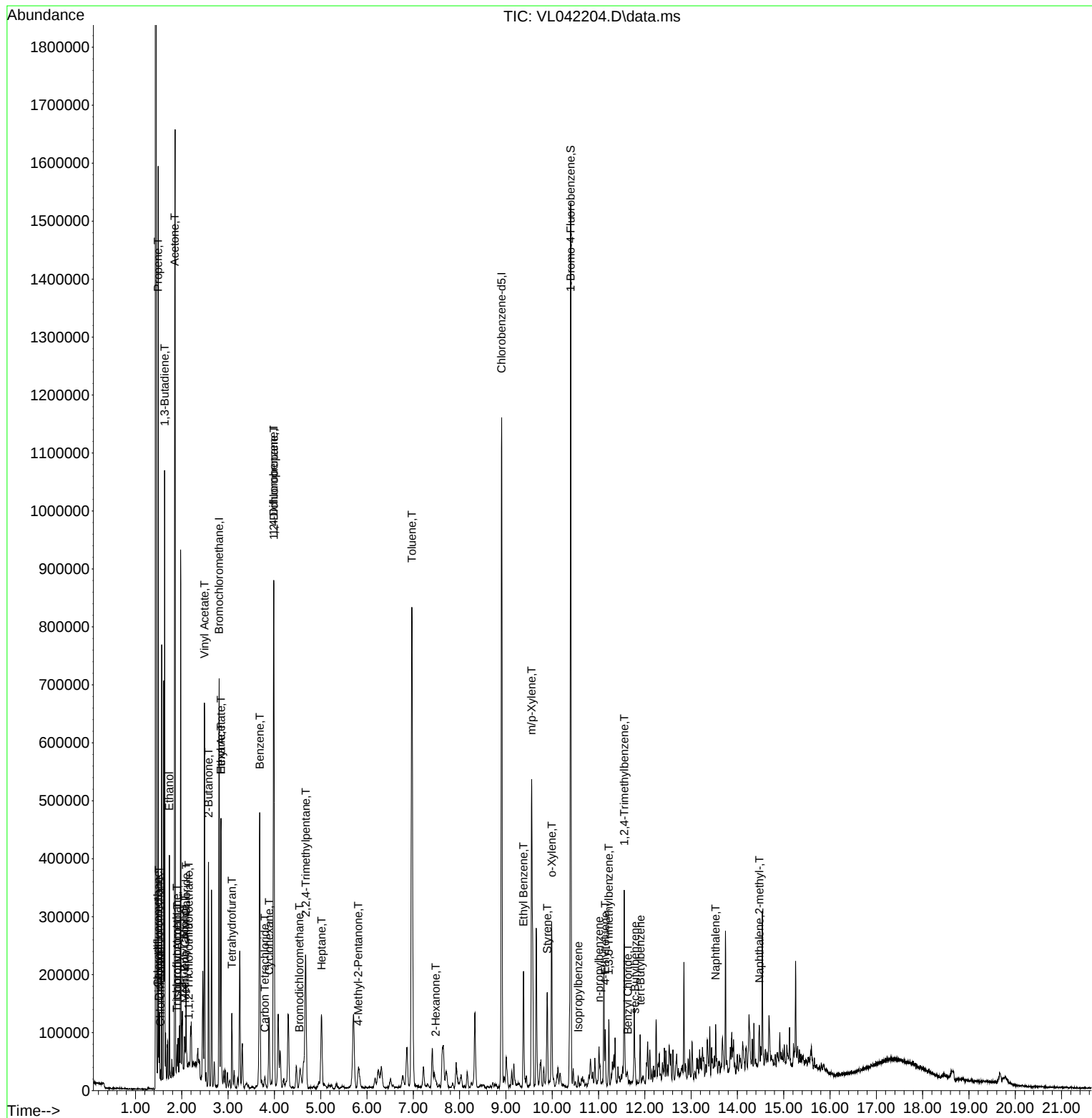
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

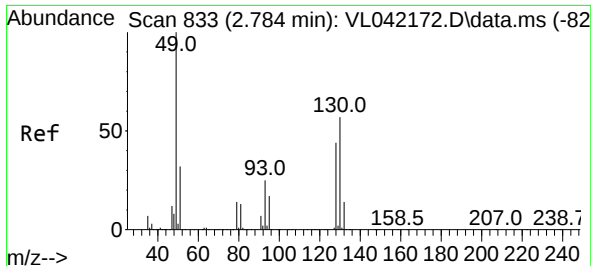
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042204.D
Acq On : 31 Mar 2025 11:06
Operator : SY/MD
Sample : Q1669-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

Quant Time: Apr 01 01:36:52 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

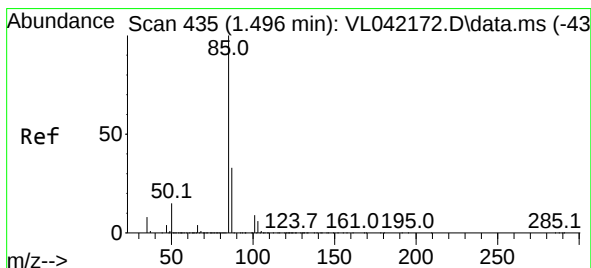
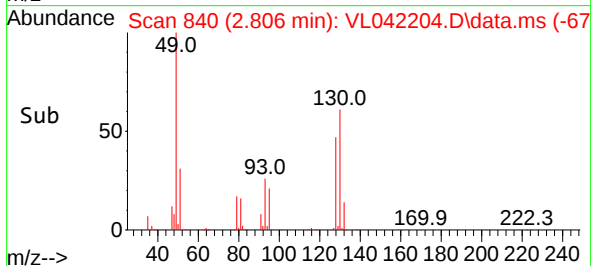
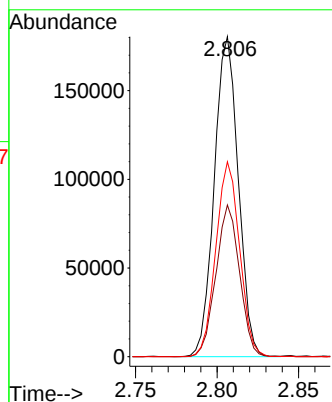
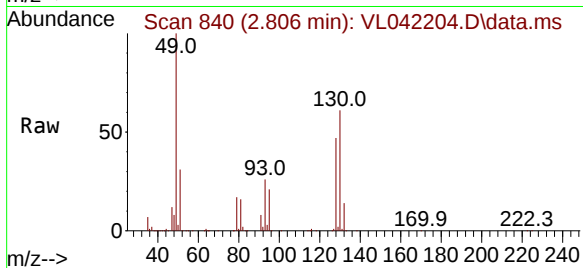




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 84
Delta R.T. 0.022 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

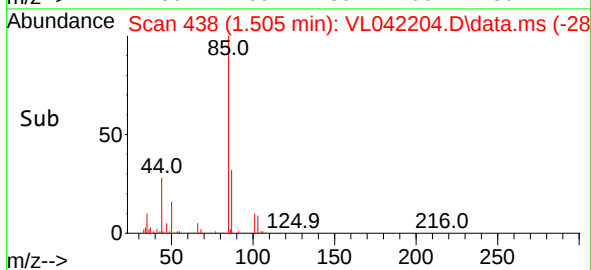
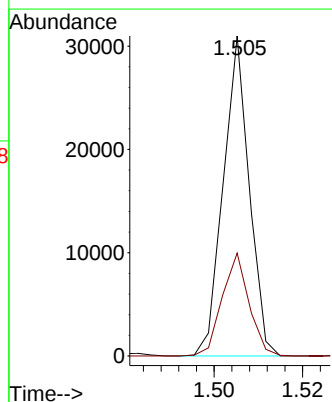
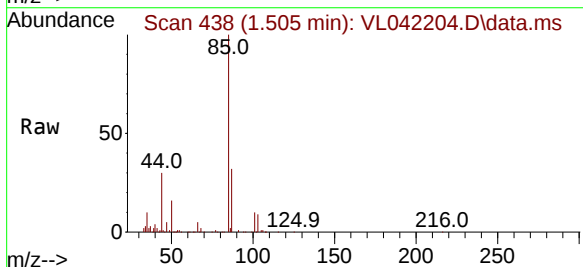
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

Tgt Ion: 49 Resp: 184538
Ion Ratio Lower Upper
49 100
128 46.8 22.9 68.5
130 60.3 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 0.463 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.009 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 85 Resp: 12624
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1

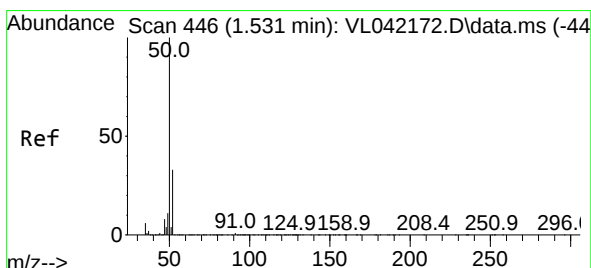
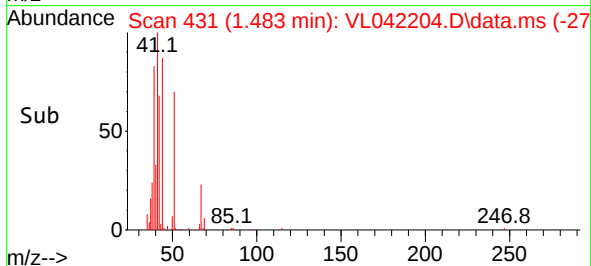
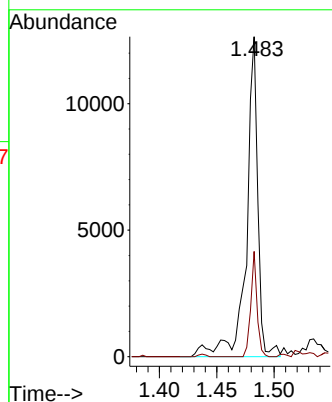
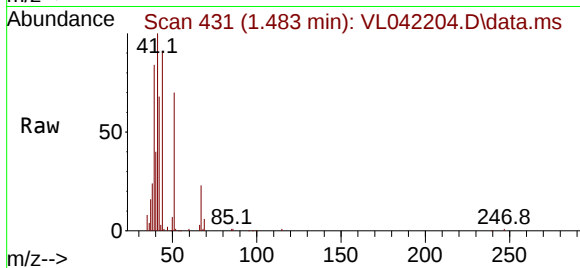




#3
Chlorodifluoromethane
Concen: 0.311 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.009 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

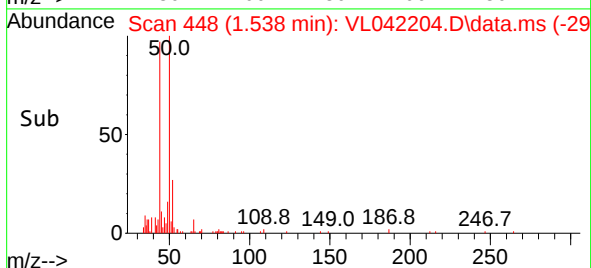
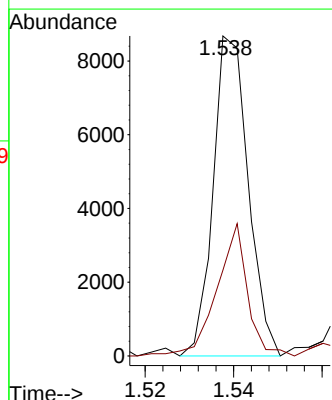
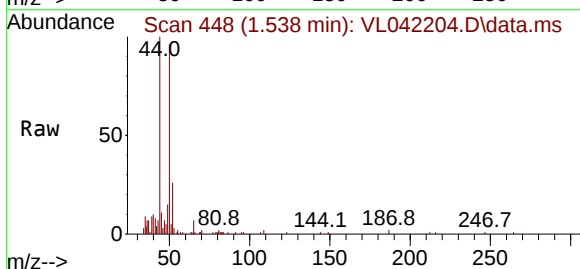
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

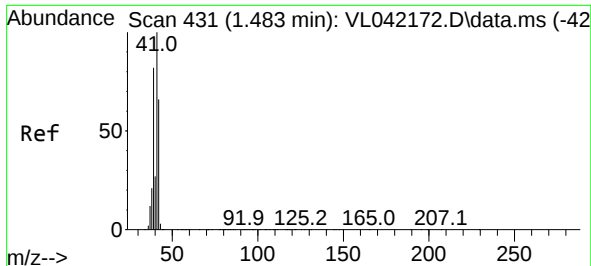
Tgt Ion: 51 Resp: 8664
Ion Ratio Lower Upper
51 100
67 18.5 15.0 22.6



#4
Chloromethane
Concen: 0.430 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 50 Resp: 4783
Ion Ratio Lower Upper
50 100
52 25.3 26.1 39.1#

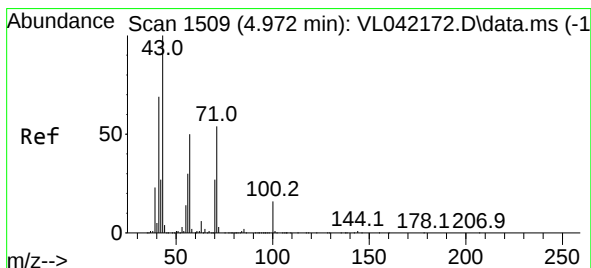
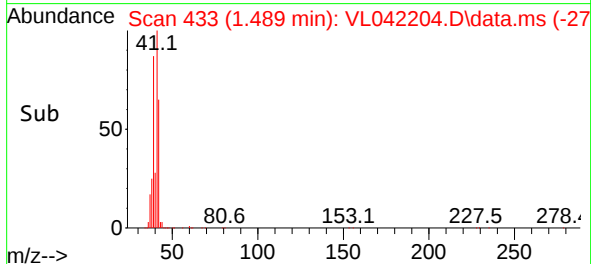
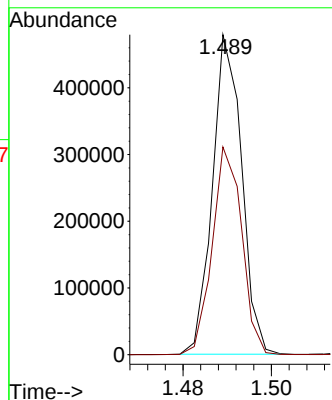
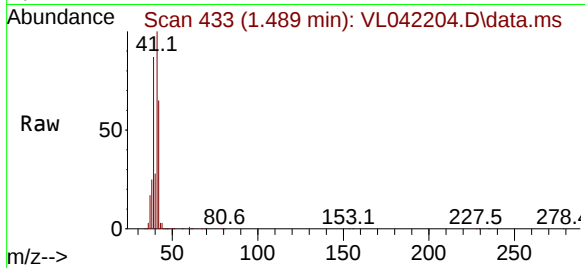




#9
 Propene
 Concen: 17.243 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

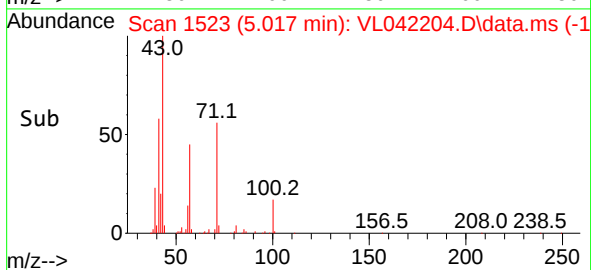
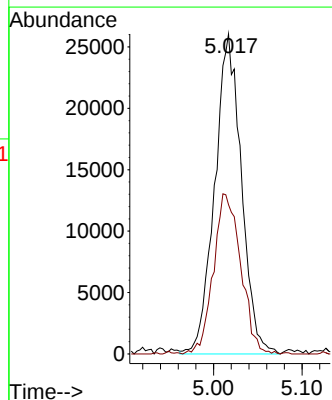
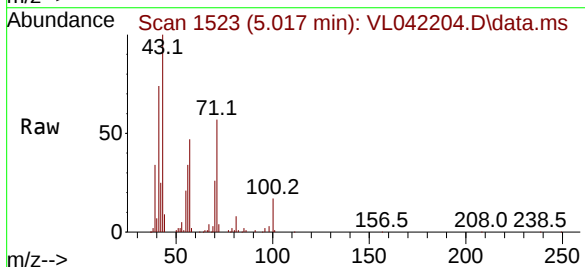
Instrument :
 MSVOA_1
 ClientSampleId :
 SSSG-DUP-1-3262025

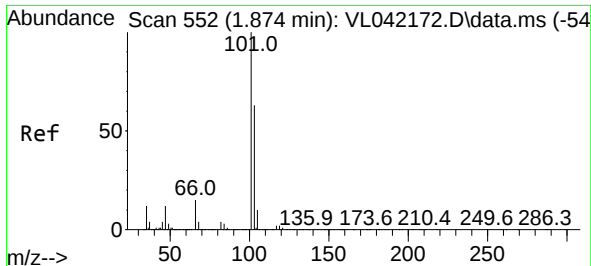
Tgt Ion: 41 Resp: 219989
 Ion Ratio Lower Upper
 41 100
 42 66.0 55.4 83.2



#10
 Heptane
 Concen: 1.605 ppbv
 RT: 5.017 min Scan# 1523
 Delta R.T. 0.045 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

Tgt Ion: 43 Resp: 54482
 Ion Ratio Lower Upper
 43 100
 57 51.4 39.4 59.2

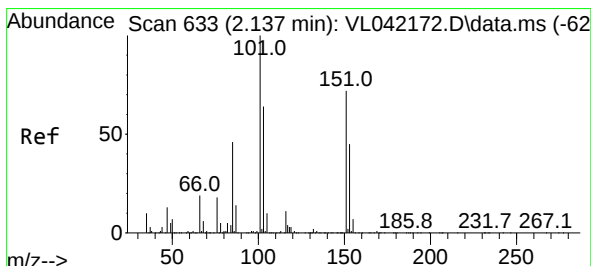
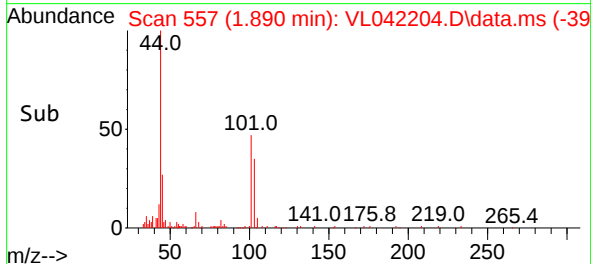
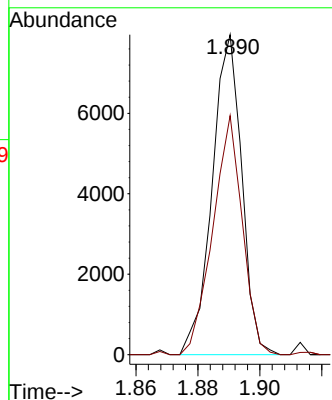
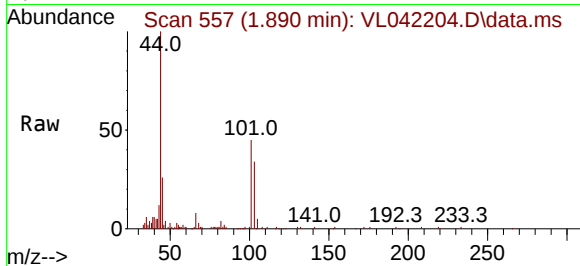




#11
 Trichlorofluoromethane
 Concen: 0.199 ppbv
 RT: 1.890 min Scan# 51
 Delta R.T. 0.016 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

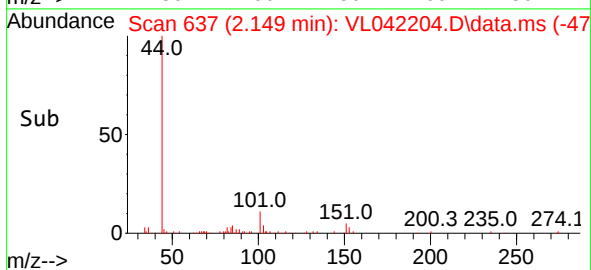
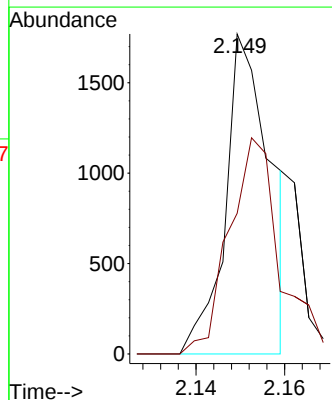
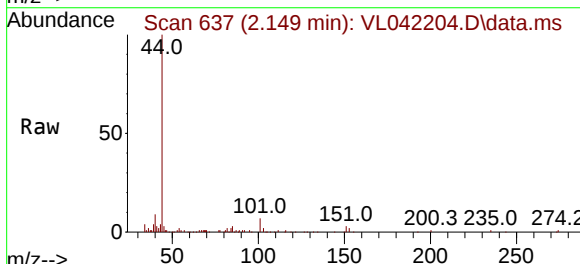
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-DUP-1-3262025

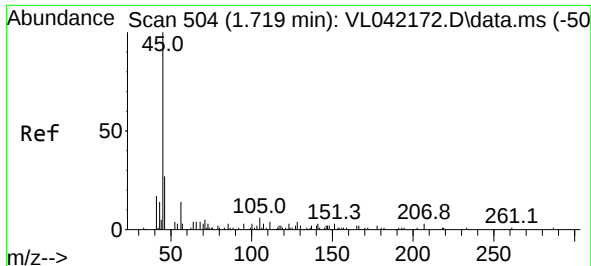
Tgt Ion:101 Resp: 5277
 Ion Ratio Lower Upper
 101 100
 103 74.7 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.057 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.013 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

Tgt Ion:101 Resp: 1240
 Ion Ratio Lower Upper
 101 100
 151 76.1 57.1 85.7

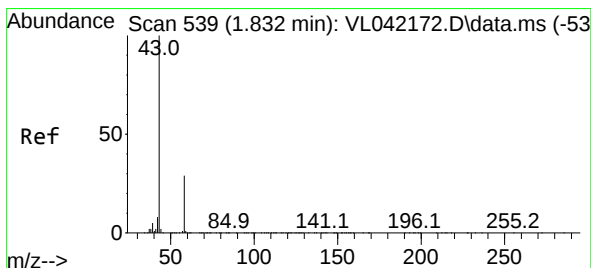
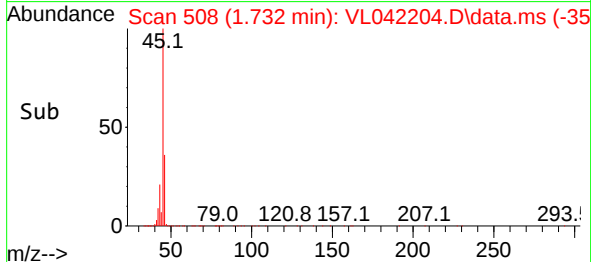
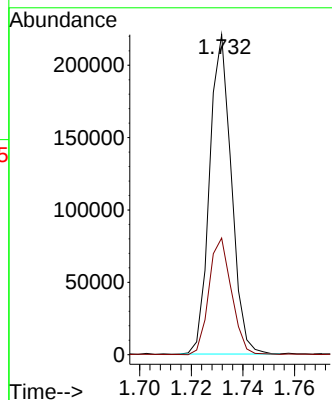
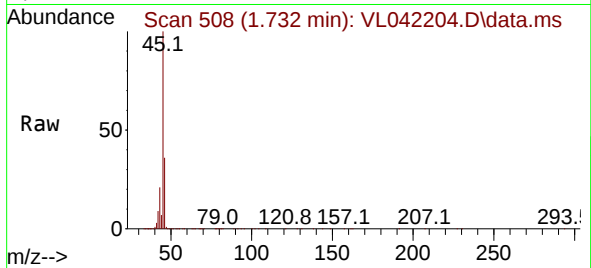




#13
Ethanol
Concen: 107.052 ppbv
RT: 1.732 min Scan# 504
Delta R.T. 0.013 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

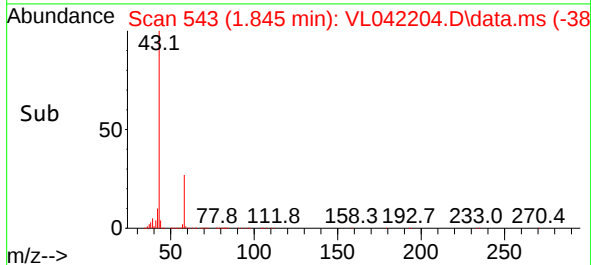
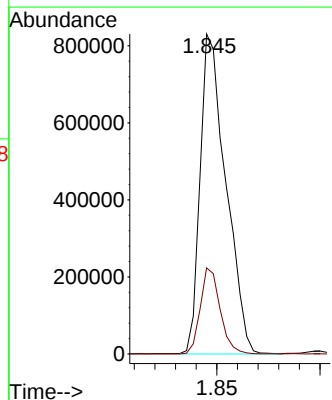
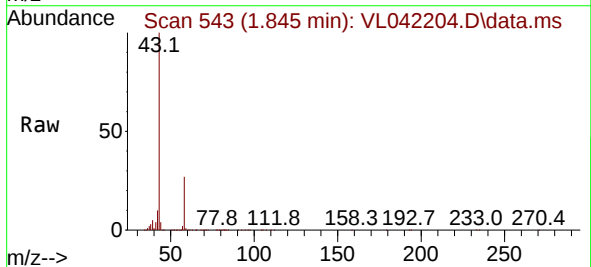
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

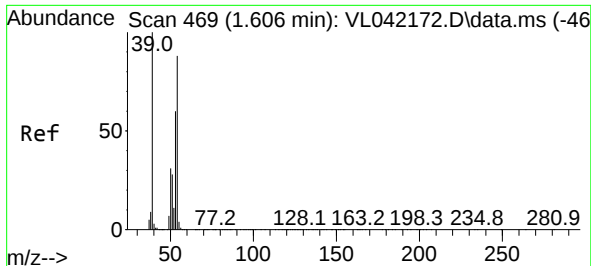
Tgt Ion: 45 Resp: 129111
Ion Ratio Lower Upper
45 100
46 38.6 20.2 80.8



#15
Acetone
Concen: 27.938 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 43 Resp: 721044
Ion Ratio Lower Upper
43 100
58 20.8 23.2 34.8#

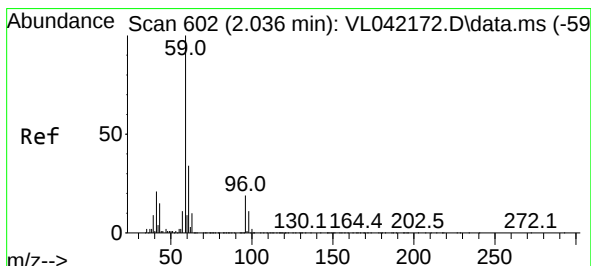
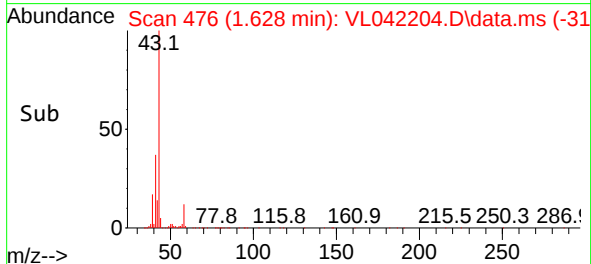
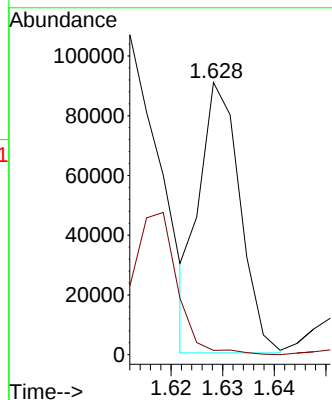
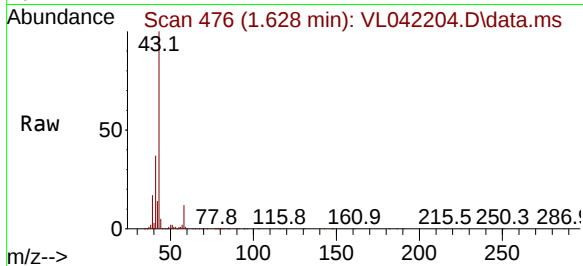




#16
1,3-Butadiene
Concen: 3.923 ppbv
RT: 1.628 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

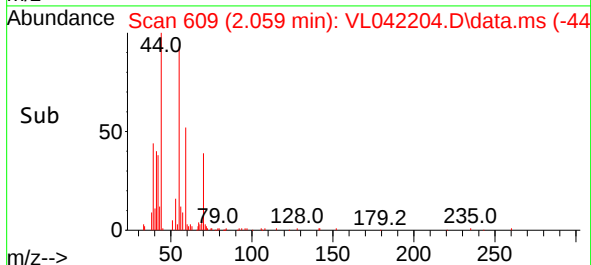
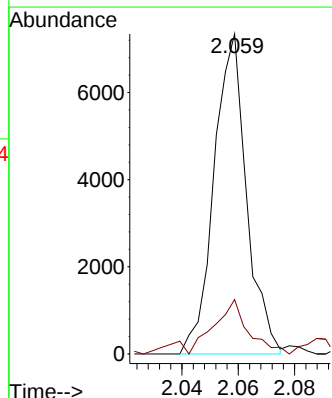
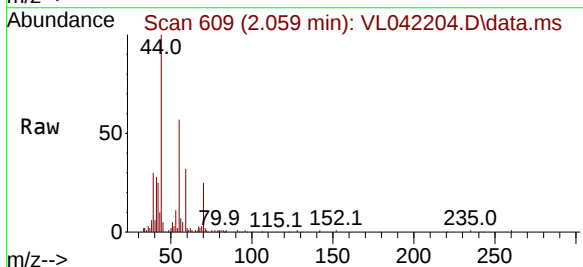
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

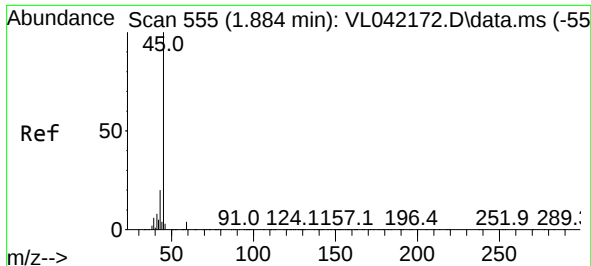
Tgt Ion: 39 Resp: 49448
Ion Ratio Lower Upper
39 100
54 61.6 60.7 91.1



#17
tert-Butyl alcohol
Concen: 0.183 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.022 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 59 Resp: 5884
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

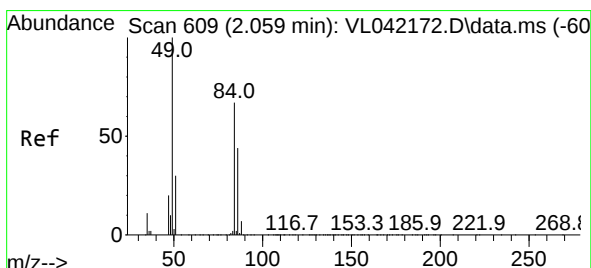
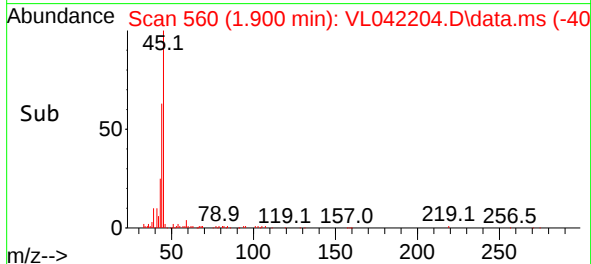
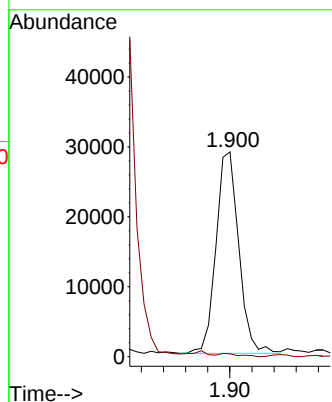
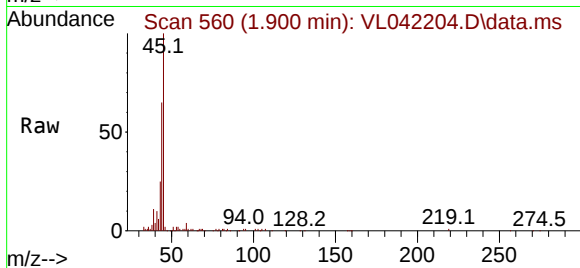




#19
Isopropyl Alcohol
Concen: 1.413 ppbv
RT: 1.900 min Scan# 51
Delta R.T. 0.016 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

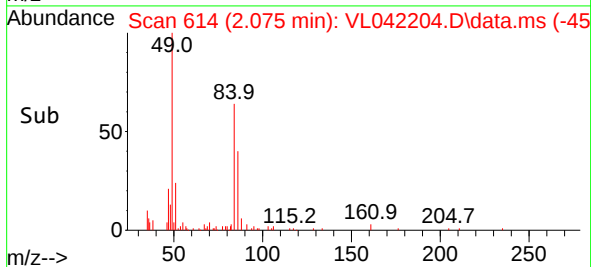
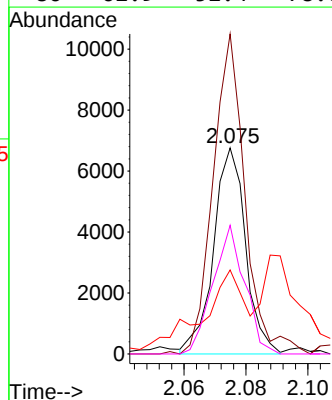
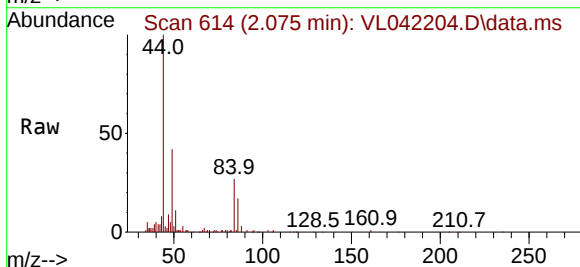
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

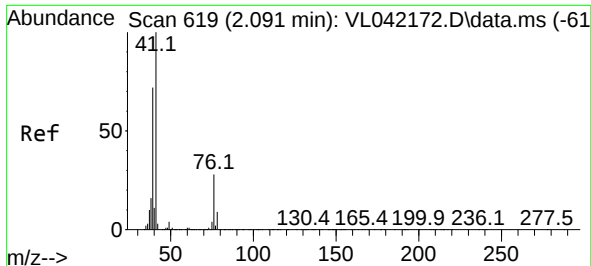
Tgt Ion: 45 Resp: 20570
Ion Ratio Lower Upper
45 100
58 731.7 36.9 55.3#



#20
Methylene Chloride
Concen: 0.505 ppbv
RT: 2.075 min Scan# 614
Delta R.T. 0.016 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 84 Resp: 4857
Ion Ratio Lower Upper
84 100
49 156.5 120.2 180.4
51 27.1 37.4 56.0#
86 62.9 52.4 78.6

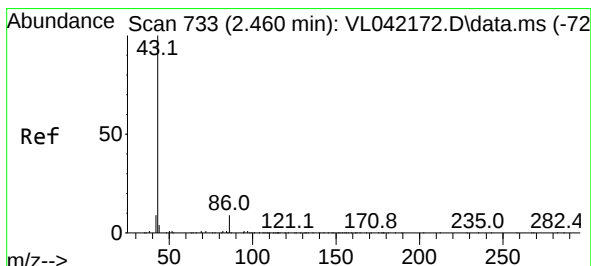
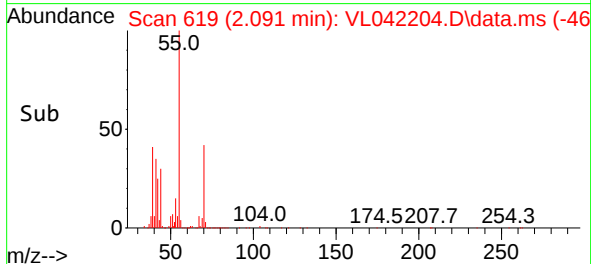
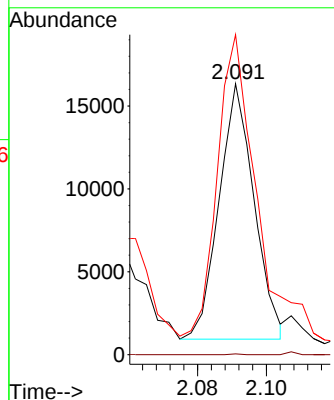
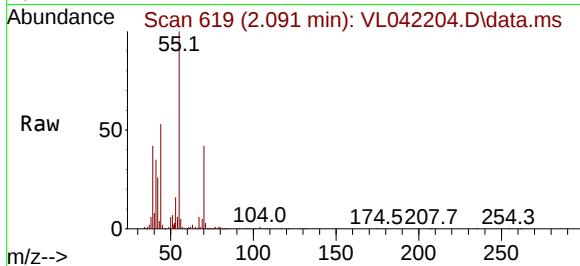




#21
 Allyl Chloride
 Concen: 0.599 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.000 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

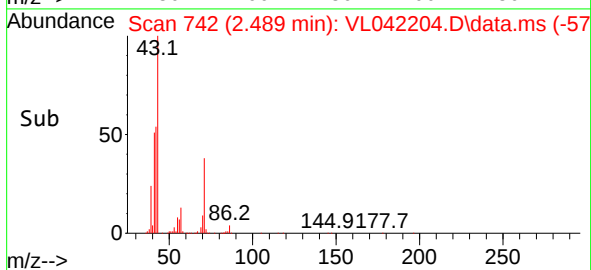
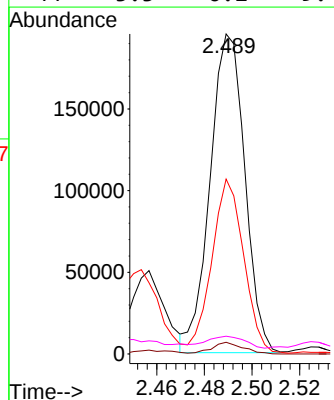
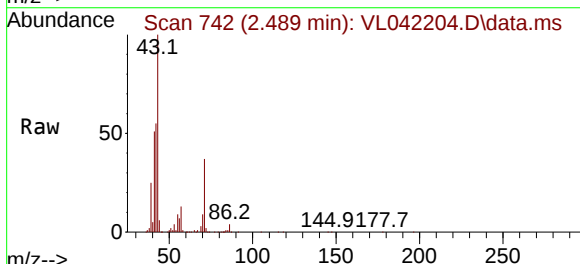
Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-DUP-1-3262025

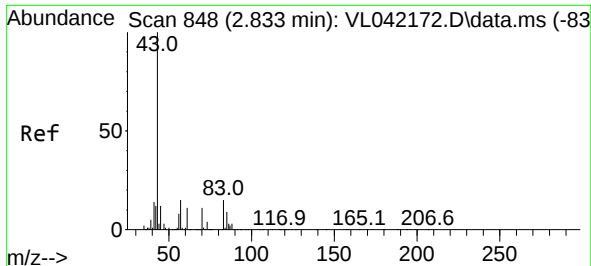
Tgt Ion: 41 Resp: 10903
 Ion Ratio Lower Upper
 41 100
 76 0.4 24.1 36.1#
 39 197.7 61.1 91.7#



#23
 Vinyl Acetate
 Concen: 17.688 ppbv
 RT: 2.489 min Scan# 742
 Delta R.T. 0.029 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

Tgt Ion: 43 Resp: 197581
 Ion Ratio Lower Upper
 43 100
 86 3.7 5.5 8.3#
 42 54.4 8.6 13.0#
 44 3.3 6.2 9.4#

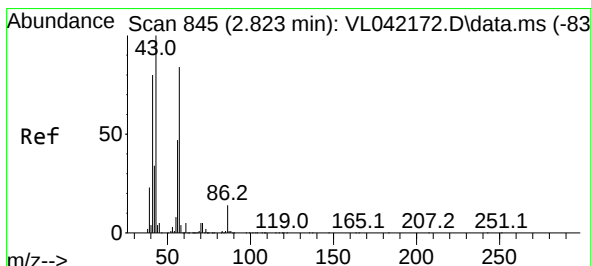
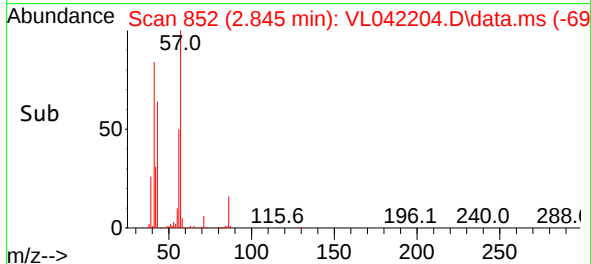
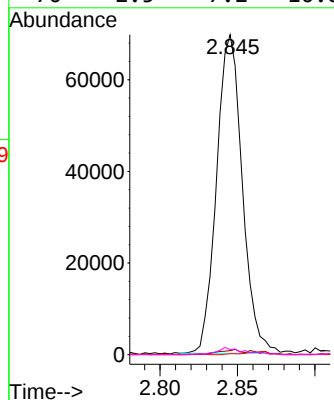
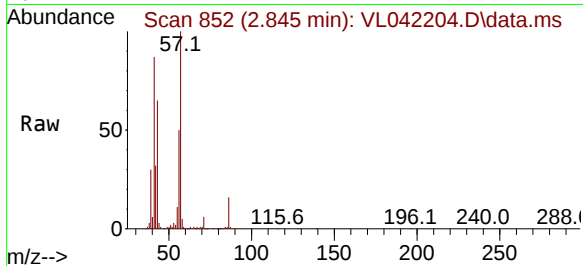




#25
Ethyl Acetate
Concen: 1.198 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

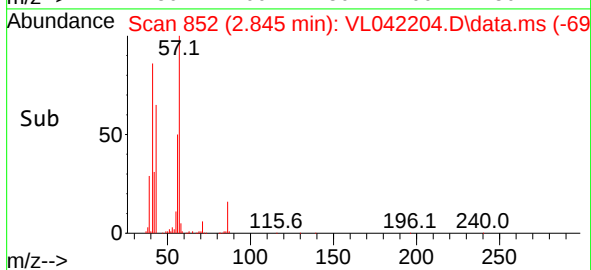
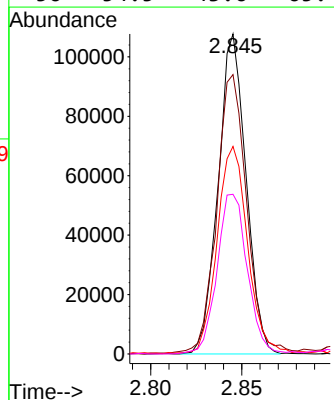
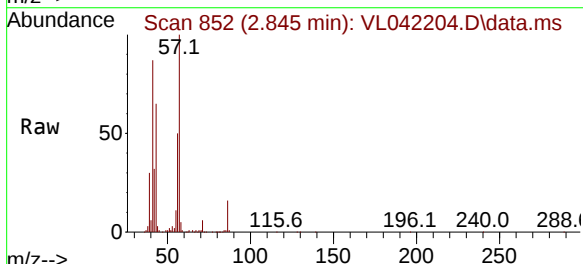
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

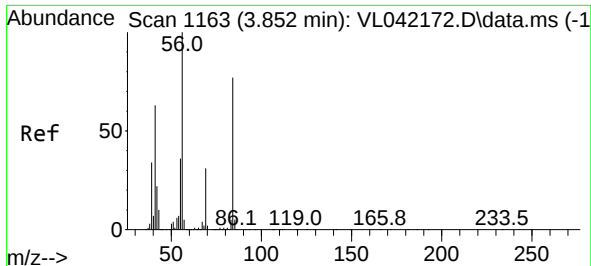
Tgt Ion: 43	Resp: 80261
Ion Ratio	Lower Upper
43 100	
45 2.2	8.2 12.2#
61 1.0	7.3 10.9#
70 2.5	7.2 10.8#



#26
Hexane
Concen: 4.428 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.022 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 57	Resp: 114579
Ion Ratio	Lower Upper
57 100	
41 95.4	76.6 114.8
43 73.9	207.8 311.8#
56 54.5	43.6 65.4

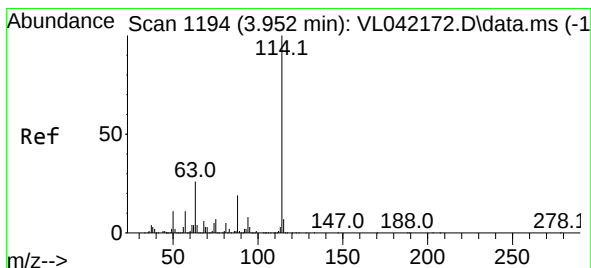
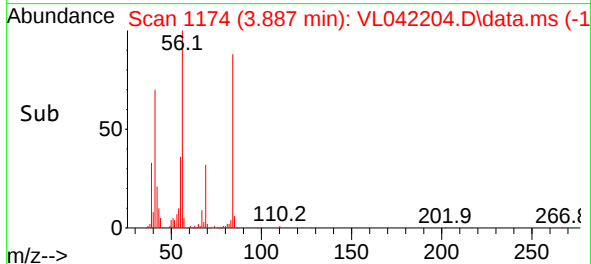
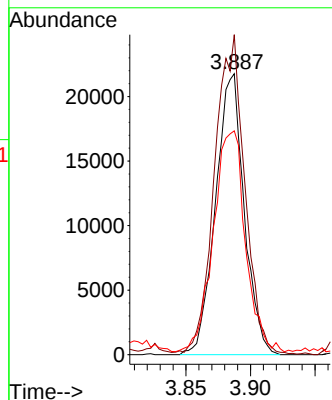
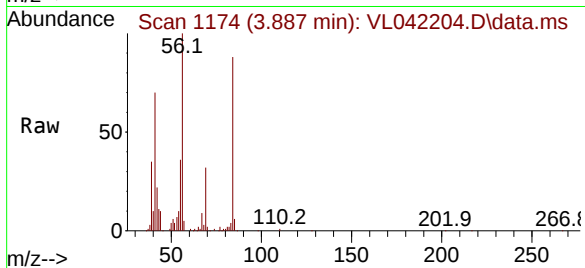




#30
Cyclohexane
Concen: 1.496 ppbv
RT: 3.887 min Scan# 1163
Delta R.T. 0.035 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

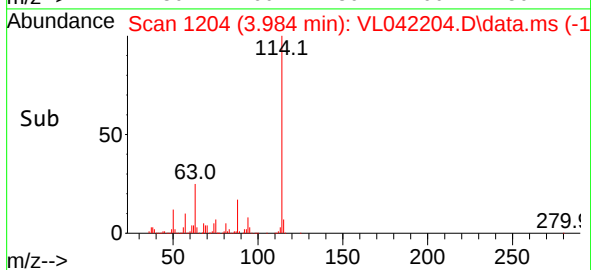
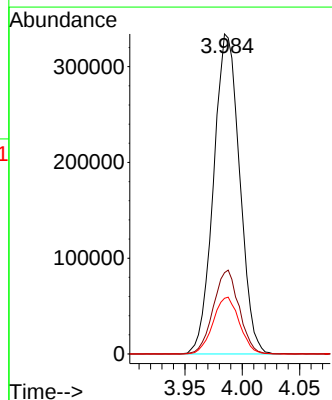
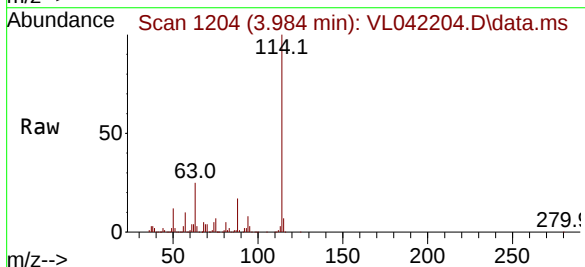
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

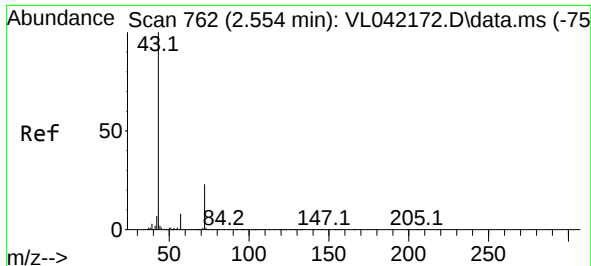
Tgt Ion: 84 Resp: 33602
Ion Ratio Lower Upper
84 100
56 118.8 102.8 154.2
41 87.3 66.5 99.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.984 min Scan# 1204
Delta R.T. 0.032 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 114 Resp: 528809
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 17.9 15.0 22.4

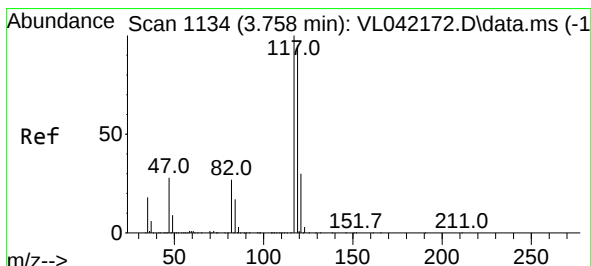
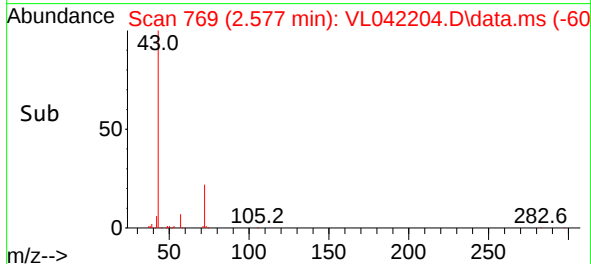
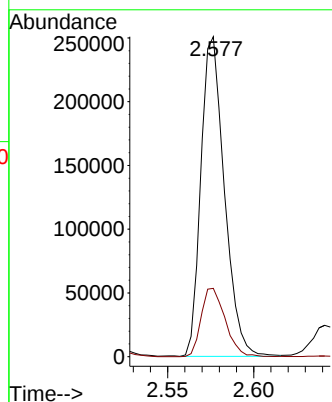
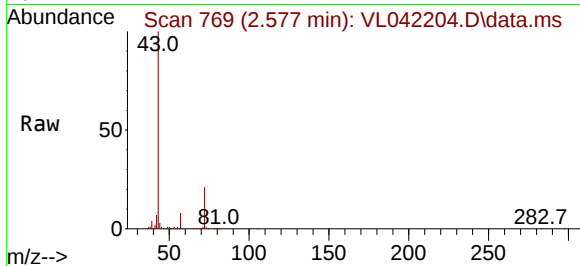




#34
2-Butanone
Concen: 6.223 ppbv
RT: 2.577 min Scan# 769
Delta R.T. 0.022 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

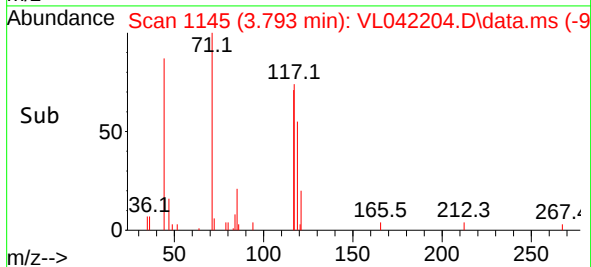
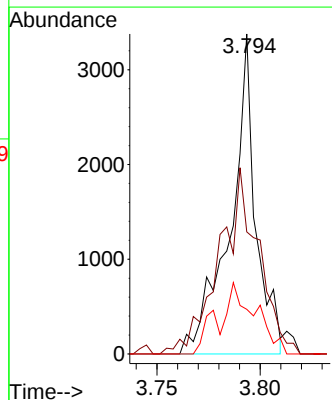
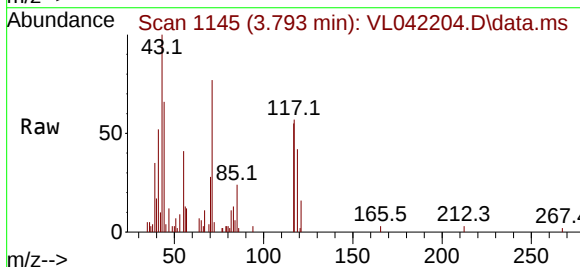
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

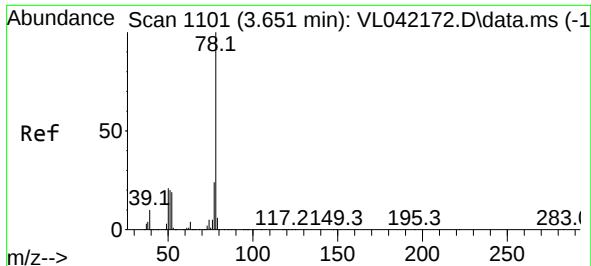
Tgt Ion: 43 Resp: 238611
Ion Ratio Lower Upper
43 100
72 21.9 18.2 27.2



#35
Carbon Tetrachloride
Concen: 0.070 ppbv
RT: 3.793 min Scan# 1145
Delta R.T. 0.035 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 117 Resp: 2894
Ion Ratio Lower Upper
117 100
119 33.5 76.2 114.2#
121 14.0 24.2 36.4#

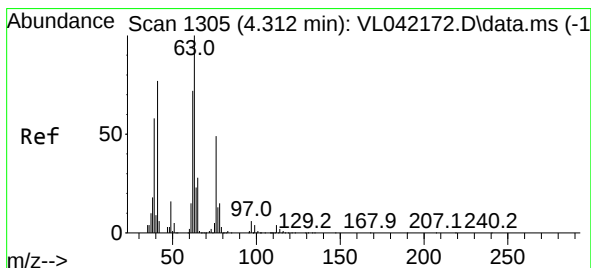
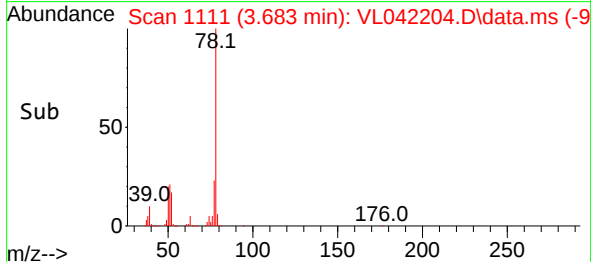
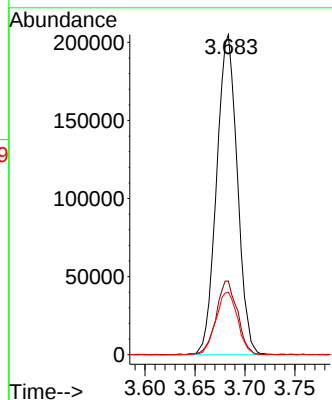
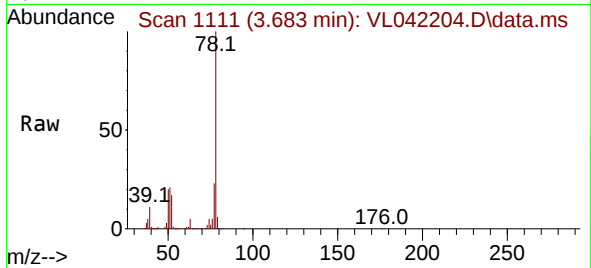




#36
Benzene
Concen: 5.632 ppbv
RT: 3.683 min Scan# 1111
Delta R.T. 0.032 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

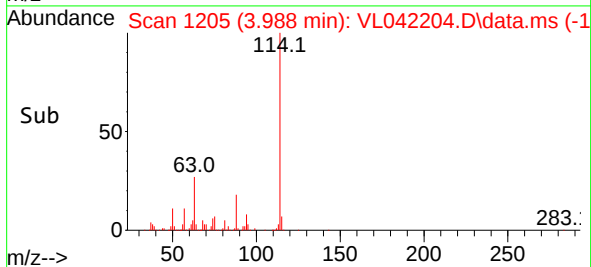
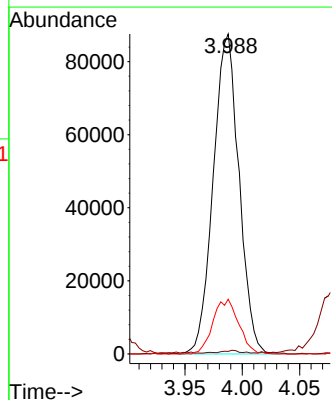
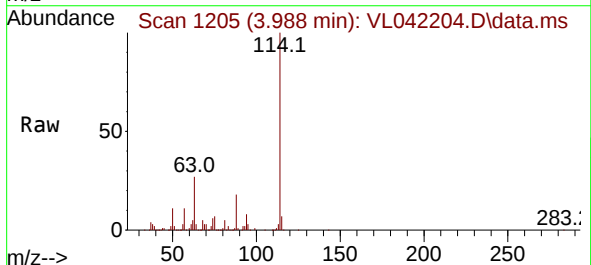
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

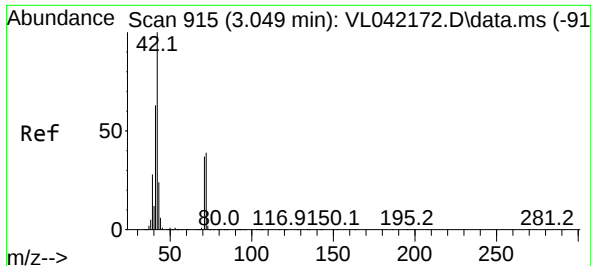
Tgt Ion: 78 Resp: 295232
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7
50 19.5 16.6 24.8



#39
1,2-Dichloropropane
Concen: 7.163 ppbv
RT: 3.988 min Scan# 1205
Delta R.T. -0.324 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 63 Resp: 136761
Ion Ratio Lower Upper
63 100
41 0.4 61.7 92.5#
62 17.1 57.6 86.4#





#41

Tetrahydrofuran

Concen: 2.032 ppbv

RT: 3.081 min Scan# 915

Delta R.T. 0.032 min

Lab File: VL042204.D

Acq: 31 Mar 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

SSSG-DUP-1-3262025

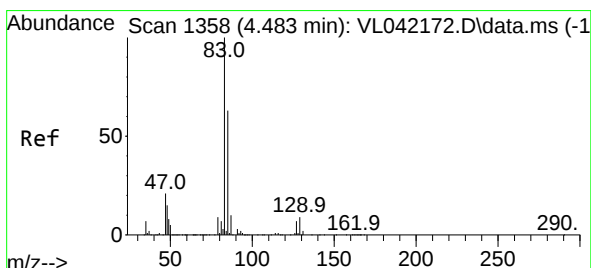
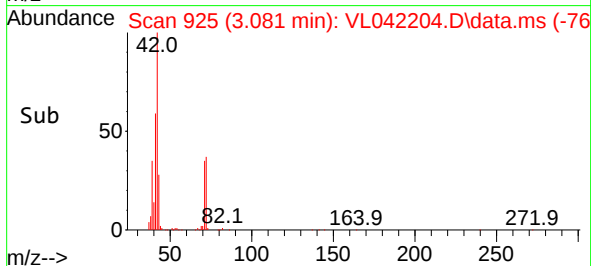
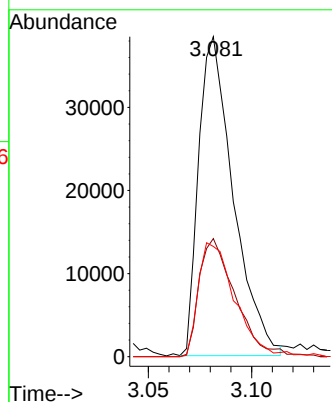
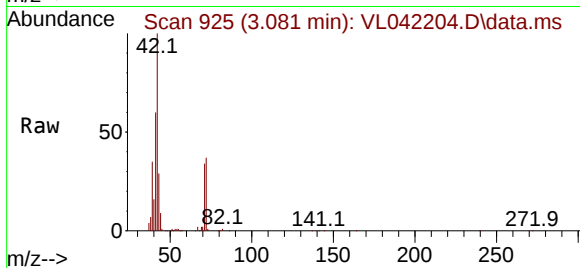
Tgt Ion: 42 Resp: 44873

Ion Ratio Lower Upper

42 100

72 38.6 31.4 47.0

71 37.9 30.2 45.4



#42

Bromodichloromethane

Concen: 0.039 ppbv

RT: 4.538 min Scan# 1375

Delta R.T. 0.055 min

Lab File: VL042204.D

Acq: 31 Mar 2025 11:06

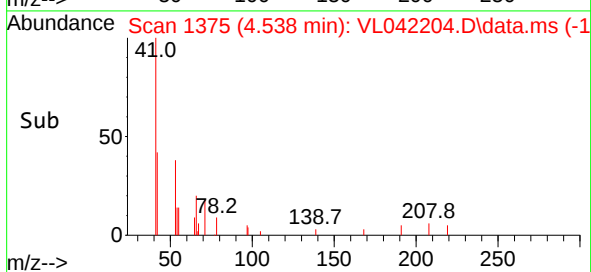
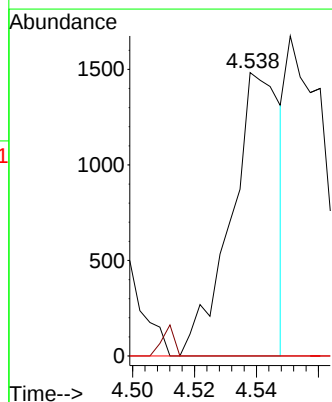
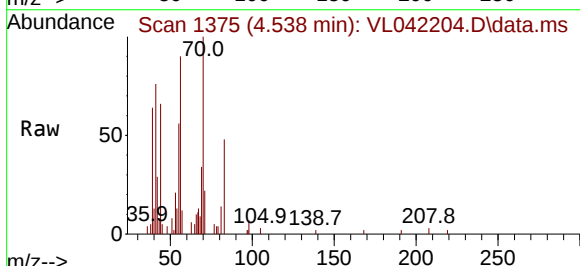
Tgt Ion: 83 Resp: 1622

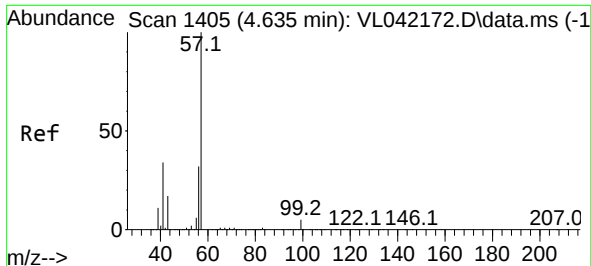
Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 5.9 8.9#

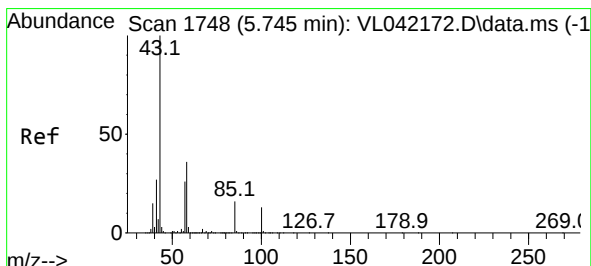
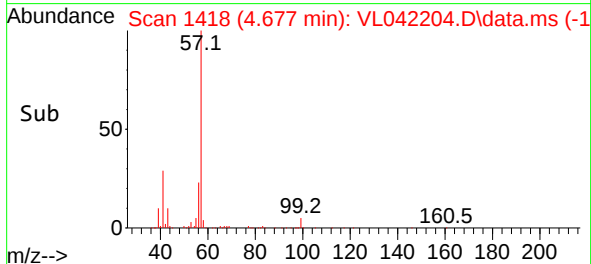
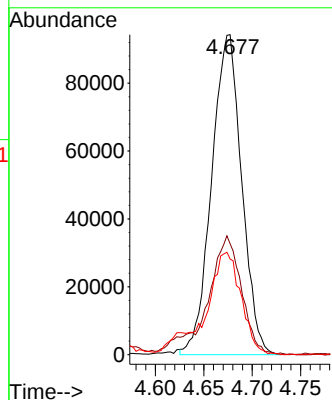
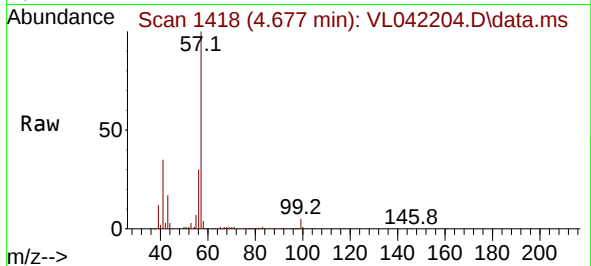




#44
 2,2,4-Trimethylpentane
 Concen: 2.300 ppbv
 RT: 4.677 min Scan# 1405
 Delta R.T. 0.042 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

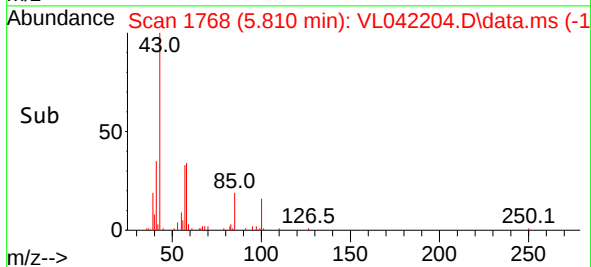
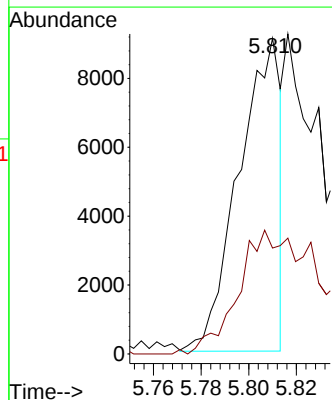
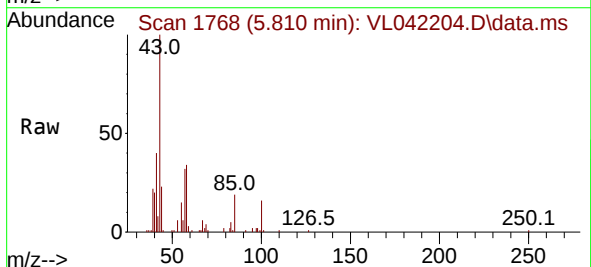
Instrument : MSVOA_1
 ClientSampleId : SSSG-DUP-1-3262025

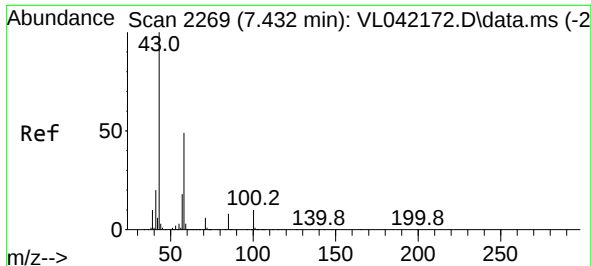
Tgt Ion: 57 Resp: 203749
 Ion Ratio Lower Upper
 57 100
 41 42.2 26.8 40.2#
 56 38.6 25.6 38.4#



#50
 4-Methyl-2-Pentanone
 Concen: 0.182 ppbv
 RT: 5.810 min Scan# 1768
 Delta R.T. 0.064 min
 Lab File: VL042204.D
 Acq: 31 Mar 2025 11:06

Tgt Ion: 43 Resp: 11036
 Ion Ratio Lower Upper
 43 100
 58 82.6 29.0 43.6#

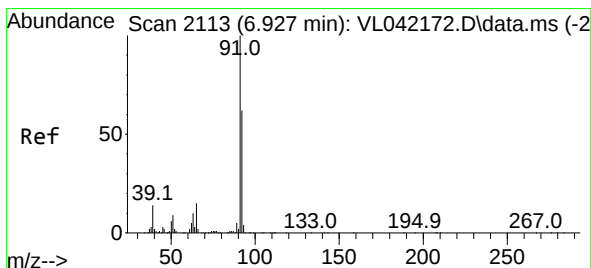
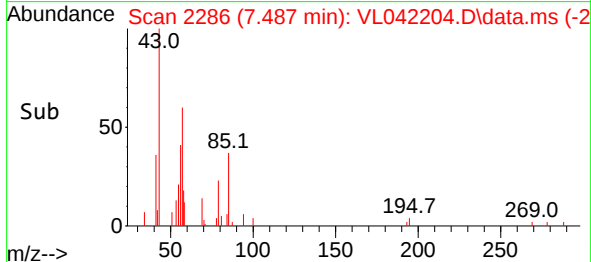
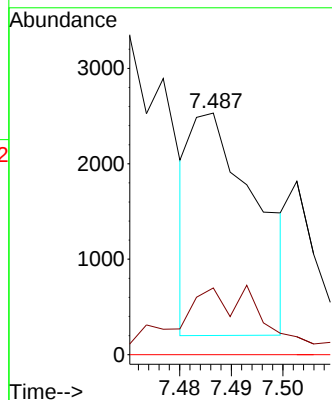
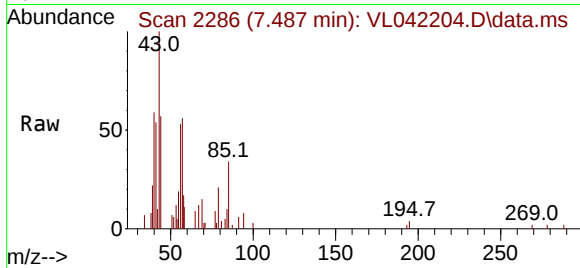




#51
2-Hexanone
Concen: 0.041 ppbv
RT: 7.487 min Scan# 2126
Delta R.T. 0.055 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

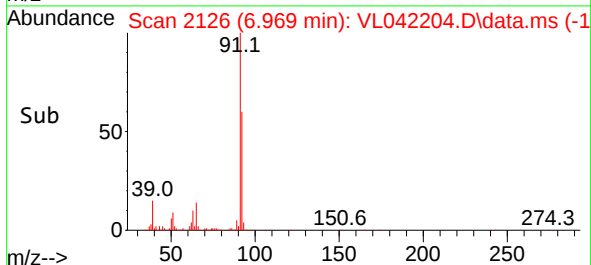
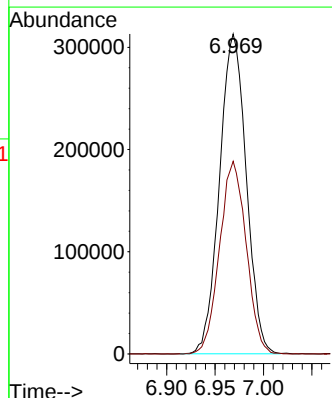
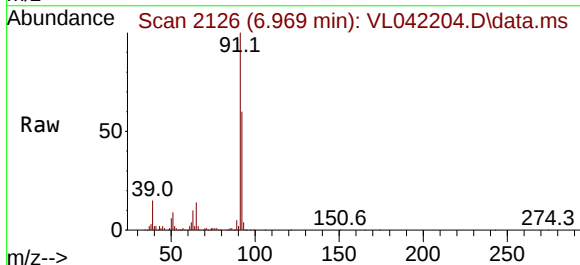
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

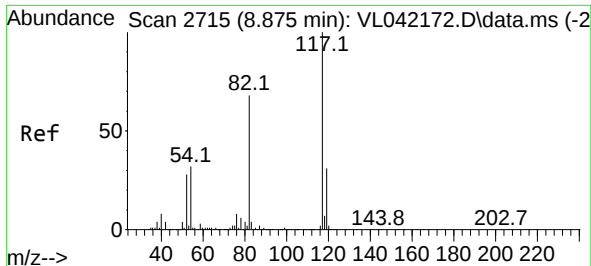
Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 49.6 39.7 59.5
98 0.0 0.1 0.1#



#53
Toluene
Concen: 9.680 ppbv
RT: 6.969 min Scan# 2126
Delta R.T. 0.042 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 91 Resp: 601582
Ion Ratio Lower Upper
91 100
92 60.0 48.4 72.6

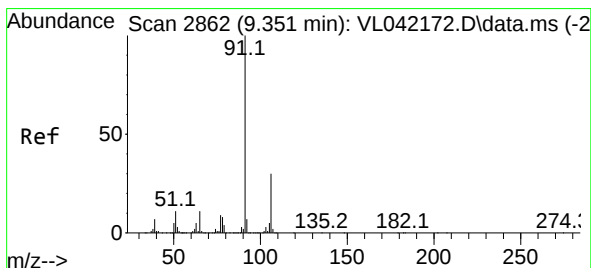
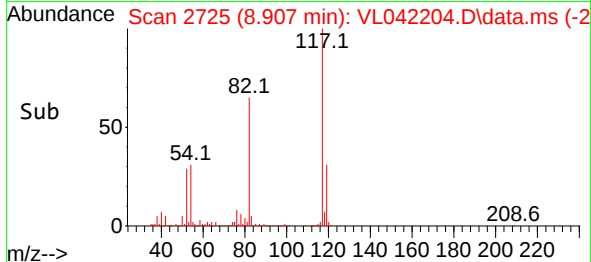
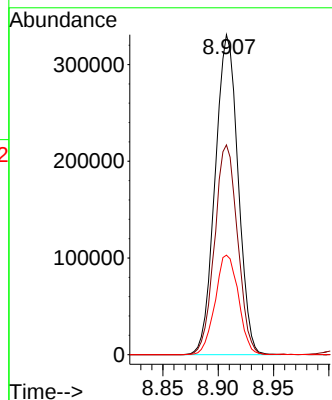
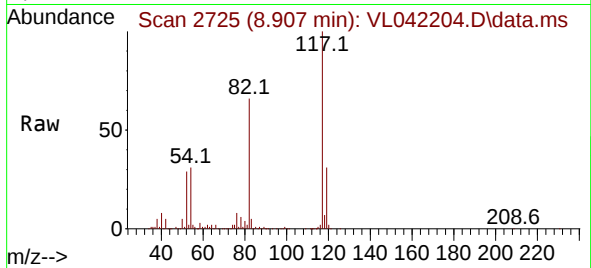




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.907 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

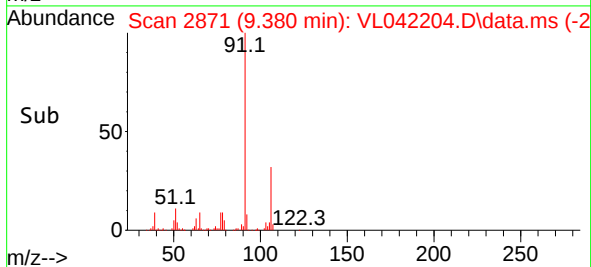
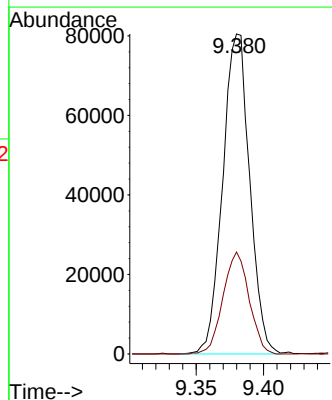
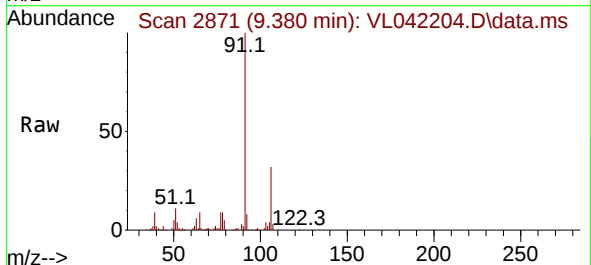
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

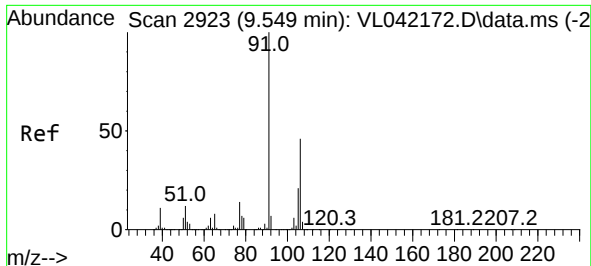
Tgt Ion:117 Resp: 477707
Ion Ratio Lower Upper
117 100
82 65.6 55.8 83.6
119 31.7 25.5 38.3



#58
Ethyl Benzene
Concen: 1.322 ppbv
RT: 9.380 min Scan# 2871
Delta R.T. 0.029 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 91 Resp: 112145
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.2





#59

m/p-Xylene

Concen: 5.070 ppbv

RT: 9.555 min Scan# 2923

Delta R.T. 0.006 min

Lab File: VL042204.D

Acq: 31 Mar 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

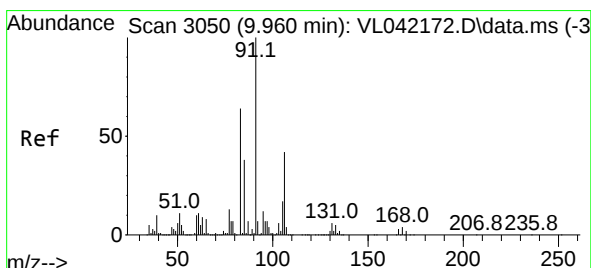
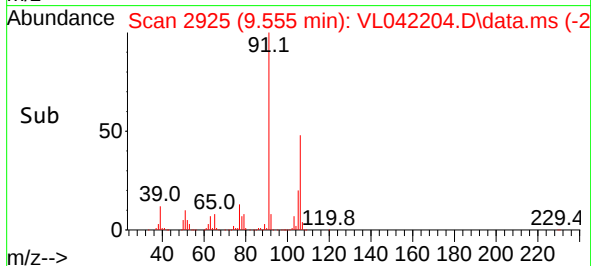
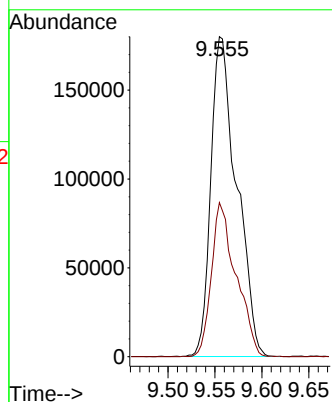
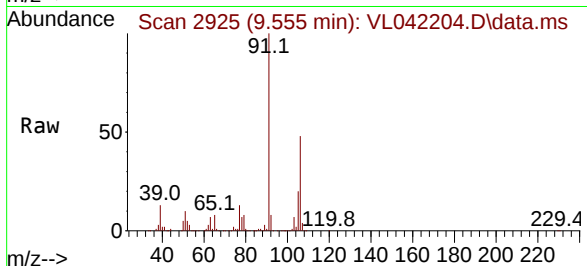
SSSG-DUP-1-3262025

Tgt Ion: 91 Resp: 343493

Ion Ratio Lower Upper

91 100

106 46.1 36.4 54.6



#60

o-Xylene

Concen: 1.884 ppbv

RT: 9.988 min Scan# 3059

Delta R.T. 0.029 min

Lab File: VL042204.D

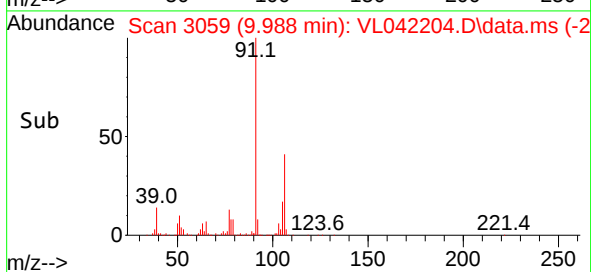
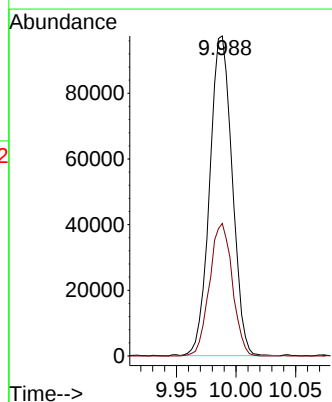
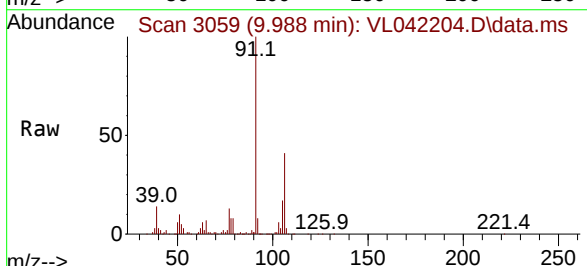
Acq: 31 Mar 2025 11:06

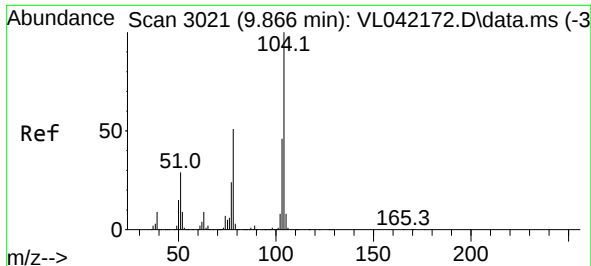
Tgt Ion: 91 Resp: 127965

Ion Ratio Lower Upper

91 100

106 41.9 20.8 62.5

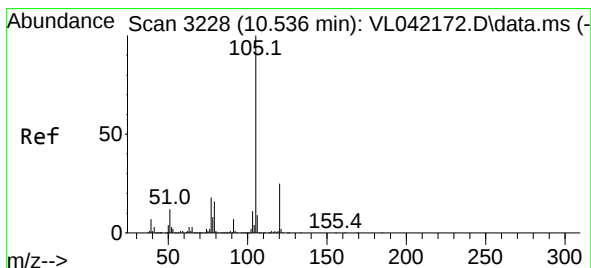
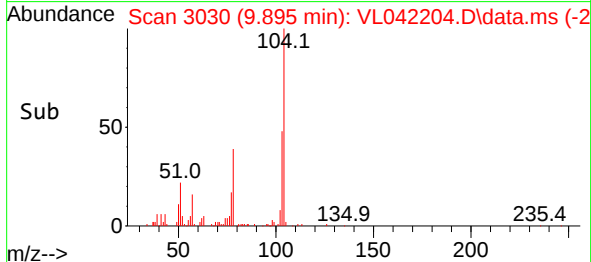
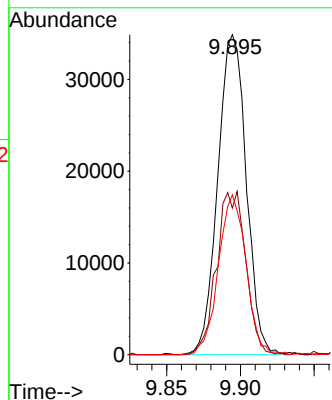
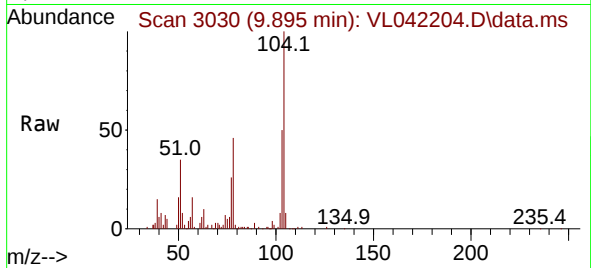




#61
Styrene
Concen: 1.394 ppbv
RT: 9.895 min Scan# 3021
Delta R.T. 0.029 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

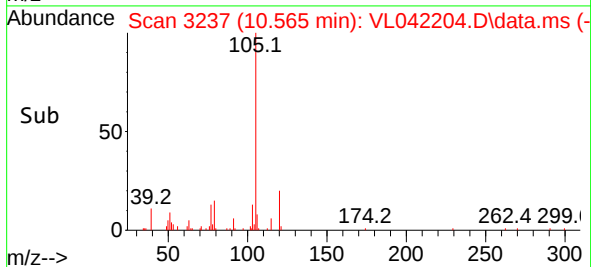
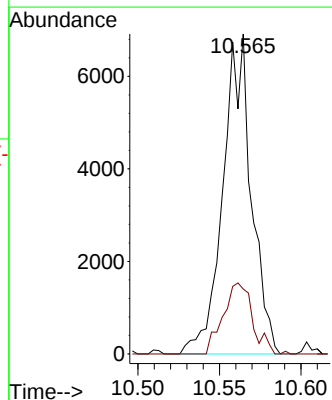
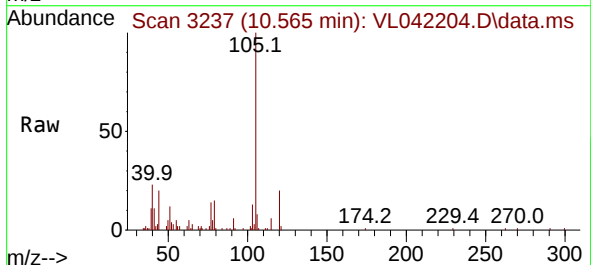
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

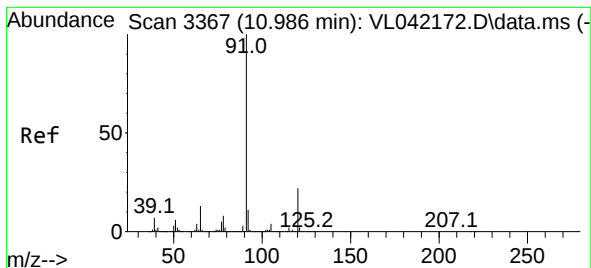
Tgt Ion:104 Resp: 46841
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.6
103 48.8 37.0 55.4



#62
Isopropylbenzene
Concen: 0.082 ppbv
RT: 10.565 min Scan# 3237
Delta R.T. 0.029 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion:105 Resp: 8374
Ion Ratio Lower Upper
105 100
120 23.0 19.9 29.9





#64

n-propylbenzene

Concen: 0.230 ppbv

RT: 11.011 min Scan# 31

Delta R.T. 0.026 min

Lab File: VL042204.D

Acq: 31 Mar 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

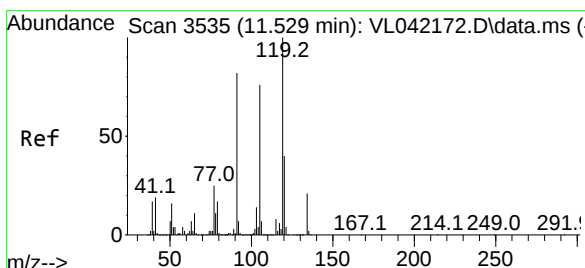
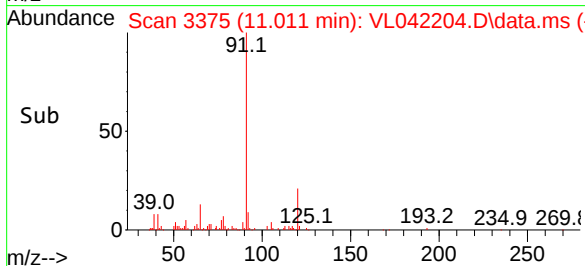
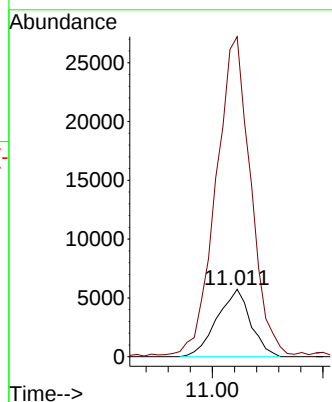
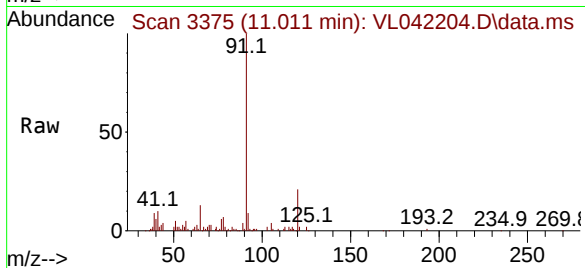
SSSG-DUP-1-3262025

Tgt Ion:120 Resp: 6017

Ion Ratio Lower Upper

120 100

91 499.2 376.9 565.3



#65

tert-Butylbenzene

Concen: 0.071 ppbv

RT: 11.905 min Scan# 3651

Delta R.T. 0.375 min

Lab File: VL042204.D

Acq: 31 Mar 2025 11:06

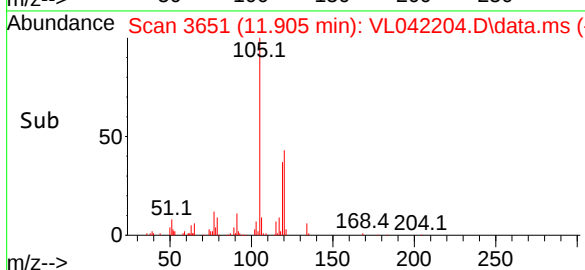
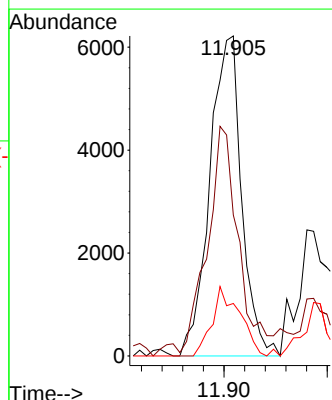
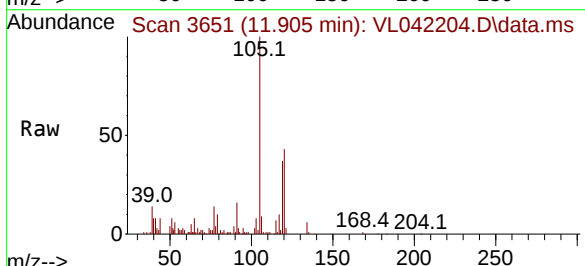
Tgt Ion:119 Resp: 6664

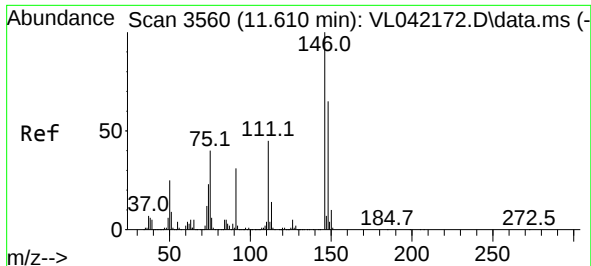
Ion Ratio Lower Upper

119 100

91 76.7 66.0 99.0

134 19.1 16.7 25.1

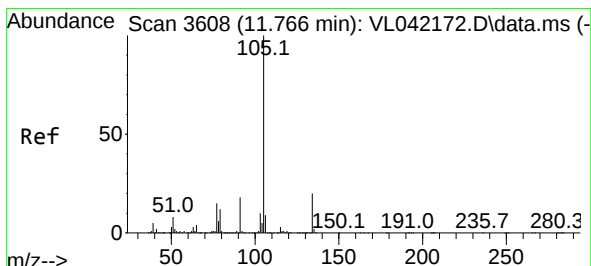
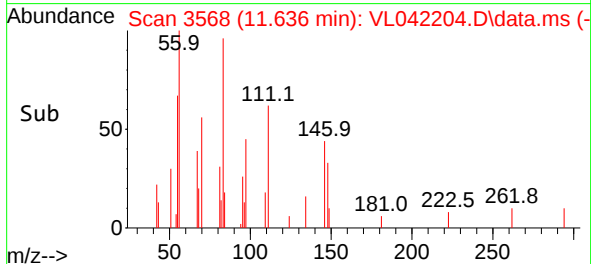
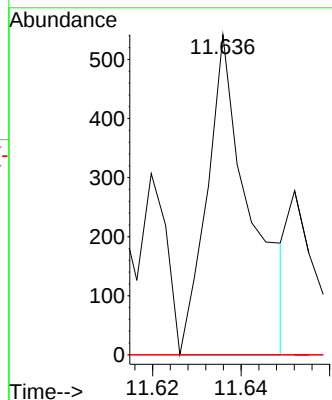
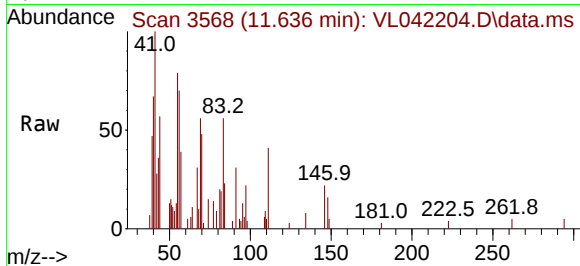




#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 11.636 min Scan# 311
Delta R.T. 0.026 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

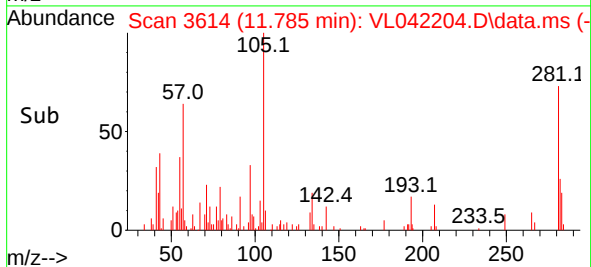
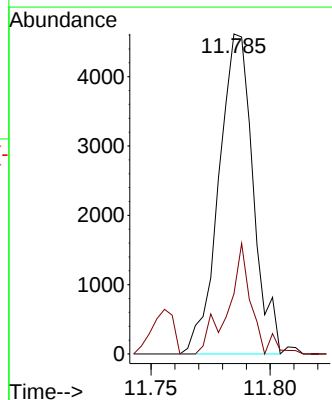
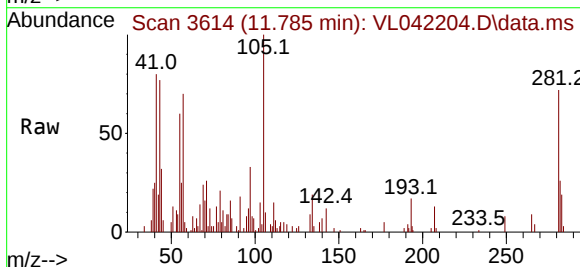
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

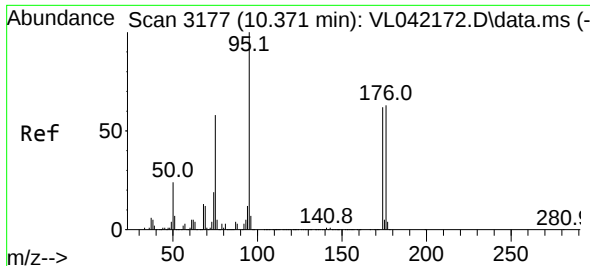
Tgt Ion: 91 Resp: 366
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.6#
128 0.0 4.5 6.7#



#67
sec-Butylbenzene
Concen: 0.035 ppbv
RT: 11.785 min Scan# 3614
Delta R.T. 0.019 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 105 Resp: 4619
Ion Ratio Lower Upper
105 100
134 24.0 15.5 23.3#

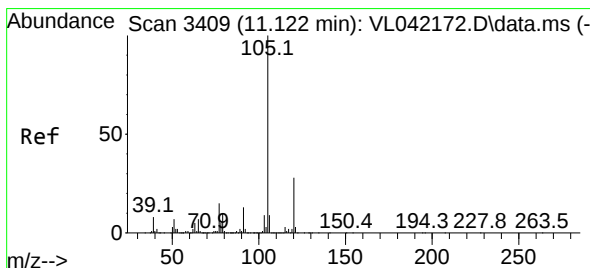
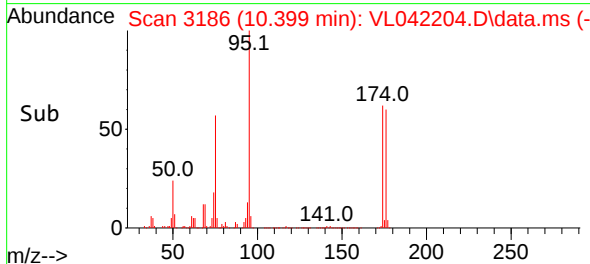
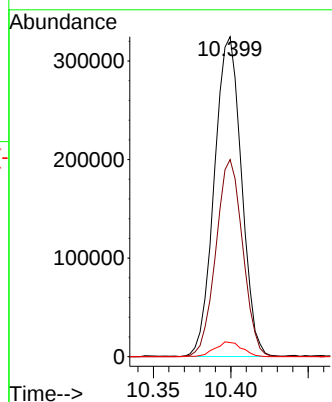
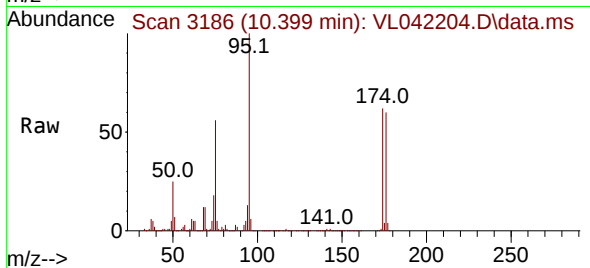




#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 10.399 min Scan# 3177
Delta R.T. 0.029 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

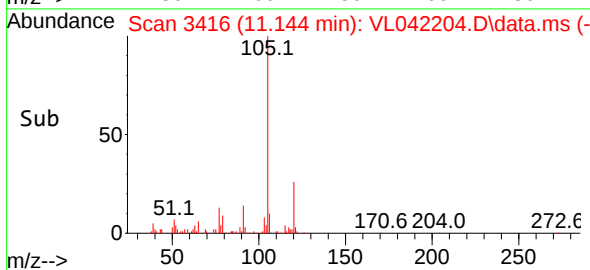
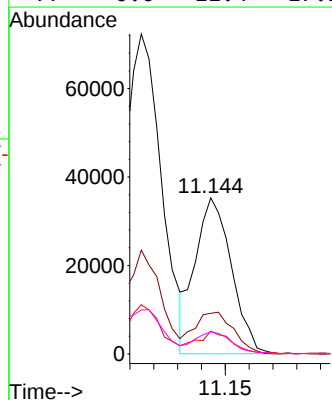
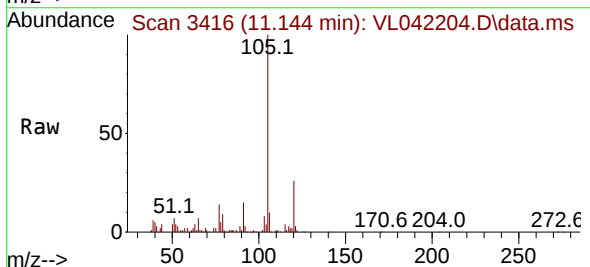
Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025

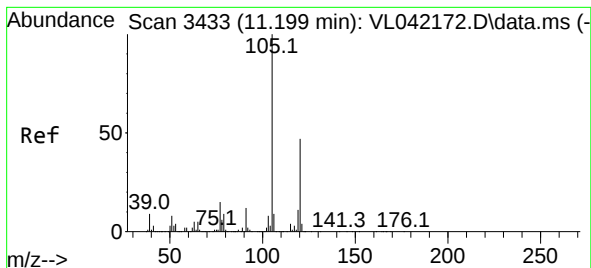
Tgt Ion: 95 Resp: 395364
Ion Ratio Lower Upper
95 100
174 61.0 50.6 76.0
175 4.6 3.8 5.6



#72
4-Ethyltoluene
Concen: 0.441 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.022 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion: 105 Resp: 37267
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: 0.426 ppbv

RT: 11.222 min Scan# 34

Delta R.T. 0.022 min

Lab File: VL042204.D

Acq: 31 Mar 2025 11:06

Instrument :

MSVOA_L

ClientSampleId :

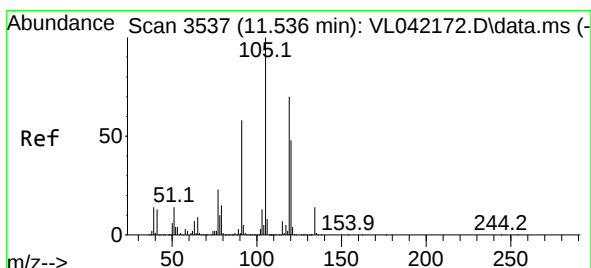
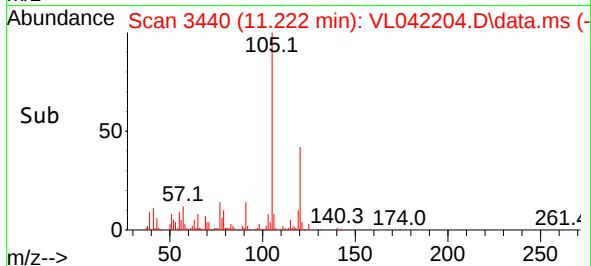
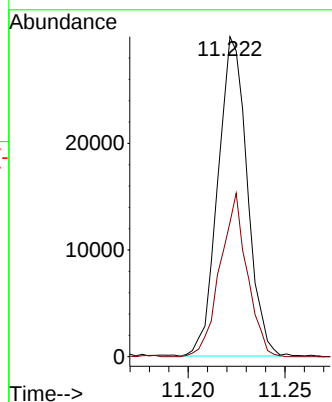
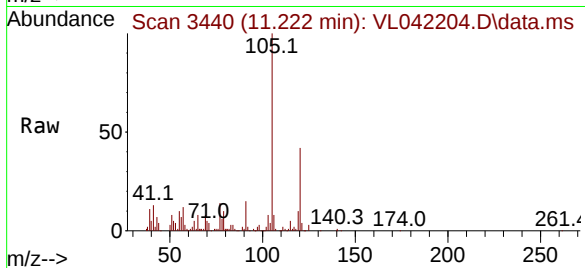
SSSG-DUP-1-3262025

Tgt Ion:105 Resp: 31497

Ion Ratio Lower Upper

105 100

120 42.0 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 1.378 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.019 min

Lab File: VL042204.D

Acq: 31 Mar 2025 11:06

Tgt Ion:105 Resp: 117257

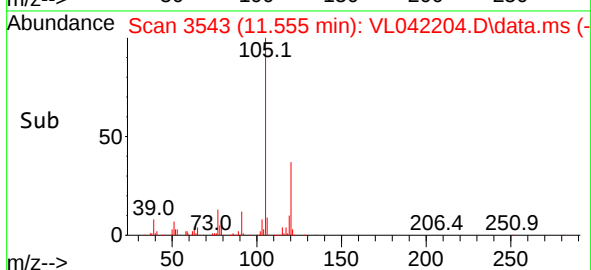
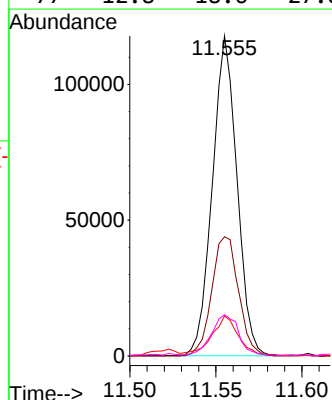
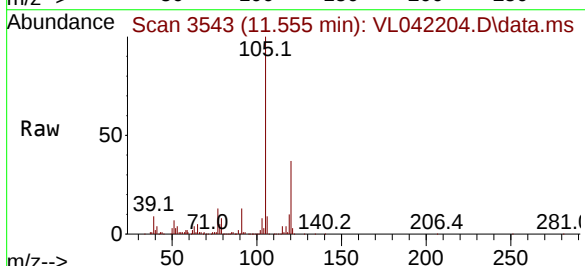
Ion Ratio Lower Upper

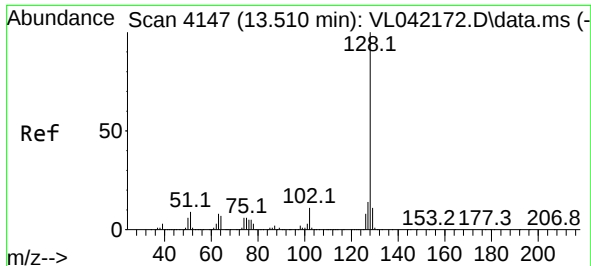
105 100

120 37.3 38.6 58.0#

91 12.2 46.2 69.2#

77 12.8 18.6 27.8#

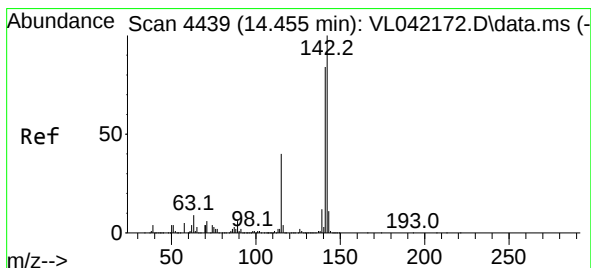
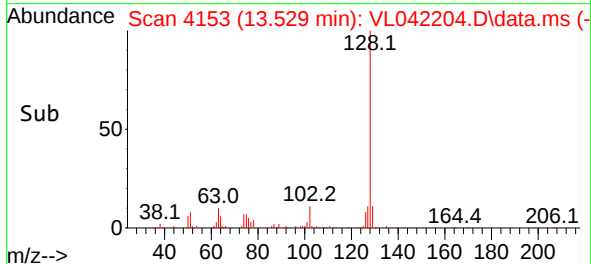
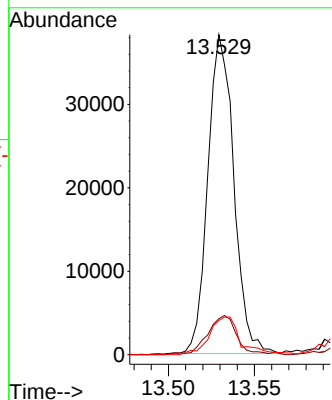
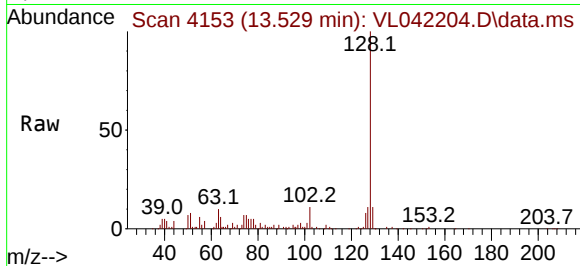




#79
Naphthalene
Concen: 0.431 ppbv
RT: 13.529 min Scan# 4147
Delta R.T. 0.019 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Instrument :
MSVOA_1
ClientSampleId :
SSSG-DUP-1-3262025

Tgt Ion:128 Resp: 40082
Ion Ratio Lower Upper
128 100
127 11.0 10.8 16.2
129 10.8 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 0.317 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.019 min
Lab File: VL042204.D
Acq: 31 Mar 2025 11:06

Tgt Ion:142 Resp: 14485
Ion Ratio Lower Upper
142 100
141 85.6 66.3 99.5
115 64.9 31.6 47.4#

