

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092523\
 Data File : VW032168.D
 Acq On : 25 Sep 2023 13:03
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:04:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	240917	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	224773	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	119242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	14522	9.687	ug/L	0.00
7) Chloroethane-d5	1.529	69	12150	9.199	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	6407	9.220	ug/L	0.00
21) 2-Butanone-d5	3.806	46	23896	19.420	ug/L	0.02
24) Chloroform-d	4.256	84	29407	8.981	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	17731	8.280	ug/L	0.00
32) Benzene-d6	4.966	84	56926	9.332	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	19443	9.738	ug/L	0.00
41) Toluene-d8	7.249	98	51846	9.216	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	8504	8.395	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	14841	22.228	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26567	10.099	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	21710	9.962	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	20358	12.822	ug/L	99
3) Chloromethane	1.217	50	21681	13.265	ug/L	95
5) Vinyl chloride	1.282	62	22118	12.990	ug/L	99
6) Bromomethane	1.481	94	13395	13.224	ug/L	97
8) Chloroethane	1.545	64	13370	11.988	ug/L	97
9) Trichlorofluoromethane	1.712	101	28397	11.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	17314	11.884	ug/L	99
12) 1,1-Dichloroethene	2.069	96	15872	12.044	ug/L	92
13) Acetone	2.114	43	27839	25.699	ug/L	98
14) Carbon disulfide	2.240	76	49718	15.207	ug/L	98
15) Methyl Acetate	2.378	43	22662	11.508	ug/L	99
16) Methylene chloride	2.449	84	19608	11.598	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	17820	12.293	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	57086	9.696	ug/L	98
19) 1,1-Dichloroethane	3.114	63	34101	10.735	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	19344	10.809	ug/L	99
22) 2-Butanone	3.883	43	28181	19.536	ug/L	98
23) Bromochloromethane	4.156	128	9750	11.170	ug/L	95
25) Chloroform	4.281	83	33260	10.233	ug/L	99
27) 1,2-Dichloroethane	5.050	62	24058	9.437	ug/L	98
29) Cyclohexane	4.587	56	31870	12.794	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	28199	10.684	ug/L	99
31) Carbon tetrachloride	4.738	117	24648	10.934	ug/L	99
33) Benzene	5.014	78	72262	11.503	ug/L	100
34) Trichloroethene	5.841	95	19957	10.721	ug/L	98
35) Methylcyclohexane	6.053	83	31870	12.347	ug/L	99
37) 1,2-Dichloropropane	6.098	63	19458	11.217	ug/L	99
38) Bromodichloromethane	6.439	83	25006	10.252	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	29990	9.982	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	57901	20.864	ug/L	99
42) Toluene	7.320	91	77971	11.412	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	26782	9.344	ug/L	98

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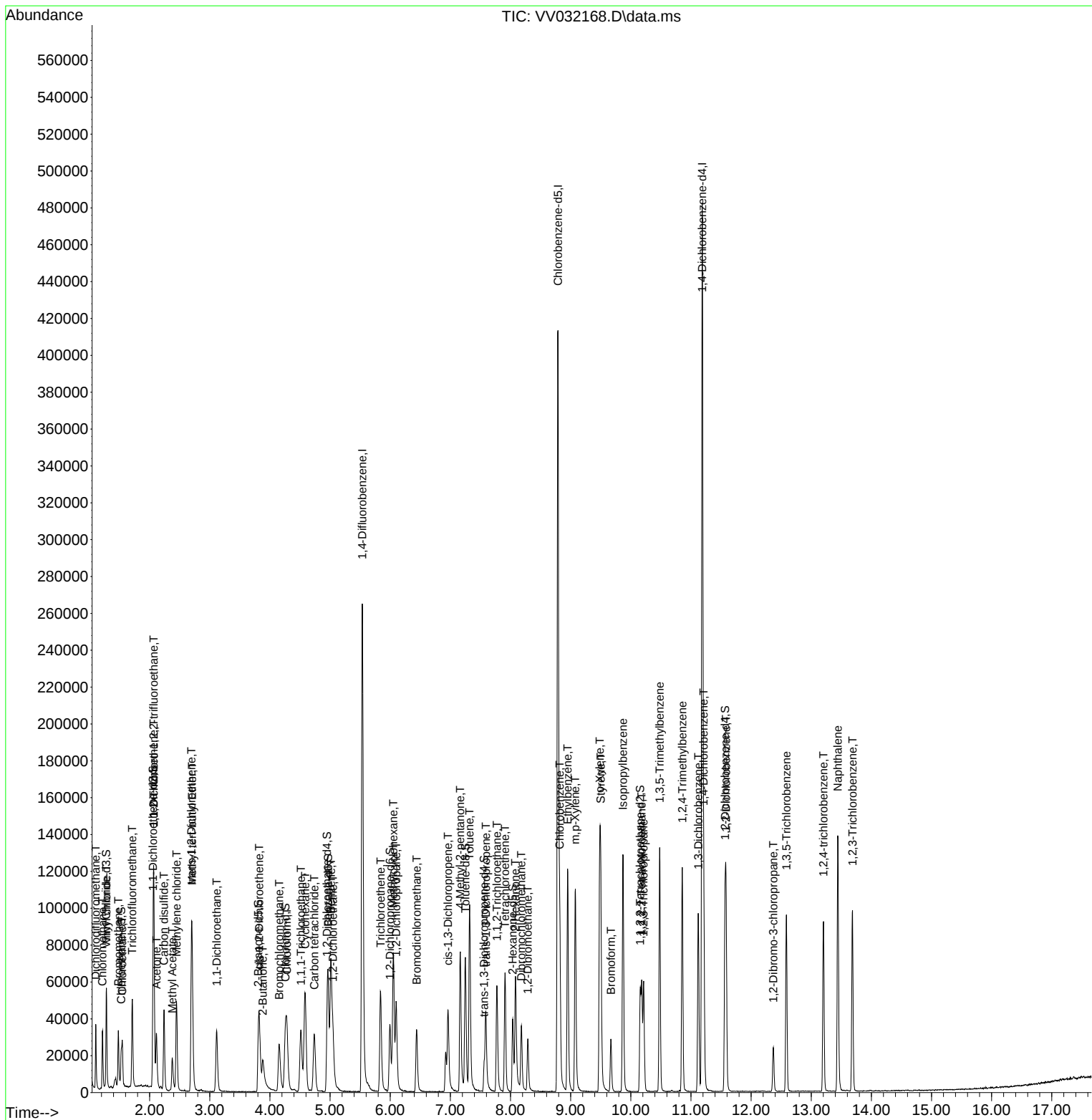
Instrument :
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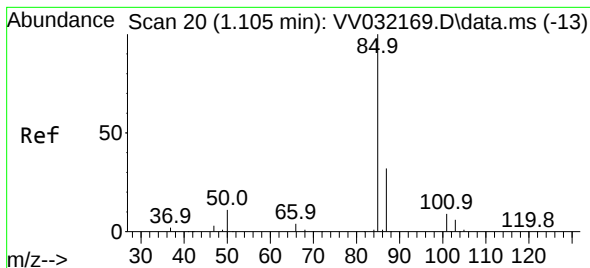
Quant Time: Sep 26 01:04:57 2023
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 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:03:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	18810	10.643	ug/L	96
46) Tetrachloroethene	7.908	164	14886	12.342	ug/L	98
48) 2-Hexanone	8.082	43	44170	20.861	ug/L	96
49) Dibromochloromethane	8.182	129	17919	9.969	ug/L	99
50) 1,2-Dibromoethane	8.288	107	20159	10.843	ug/L	97
51) Chlorobenzene	8.818	112	50304	11.151	ug/L	96
52) Ethylbenzene	8.950	91	86599	10.829	ug/L	99
53) m,p-Xylene	9.079	106	31873	10.759	ug/L	100
54) o-Xylene	9.484	106	31557	10.730	ug/L	95
55) Styrene	9.500	104	54107	10.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	29450	11.464	ug/L	97
59) Bromoform	9.670	173	12485	9.923	ug/L	98
60) Isopropylbenzene	9.870	105	85280	10.607	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	24007	10.518	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	68375	10.140	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	67679	10.017	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	40281	11.104	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	41191	11.184	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	39245	10.890	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	6163	9.216	ug/L	91
69) 1,3,5-Trichlorobenzene	12.587	180	28957	11.020	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	27109	10.785	ug/L	99
71) Naphthalene	13.442	128	106991	13.267	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	28118	11.554	ug/L	98

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

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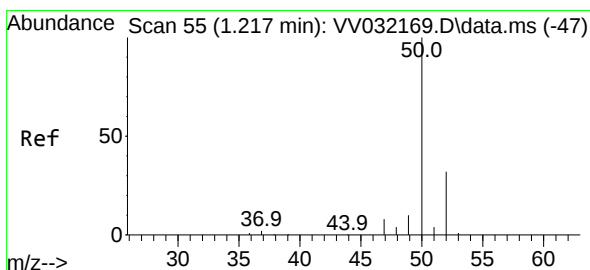
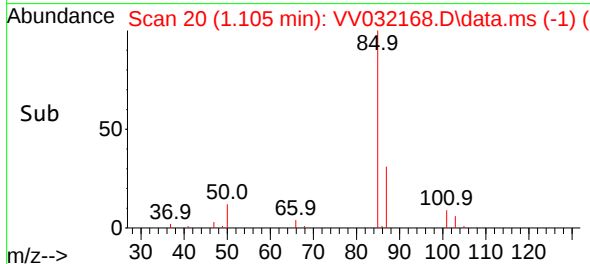
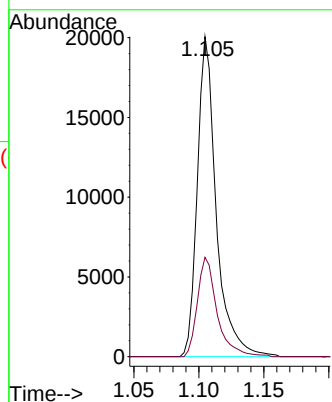
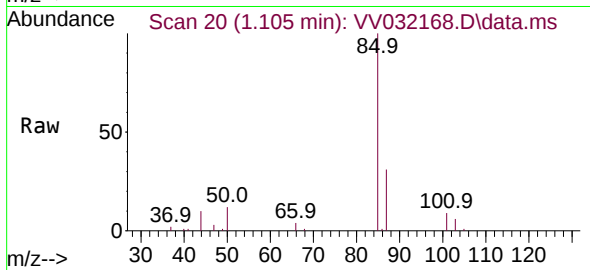




#2
 Dichlorodifluoromethane
 Concen: 12.822 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032168.D
 Acq: 25 Sep 2023 13:03

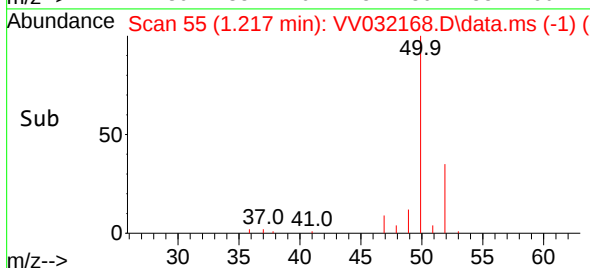
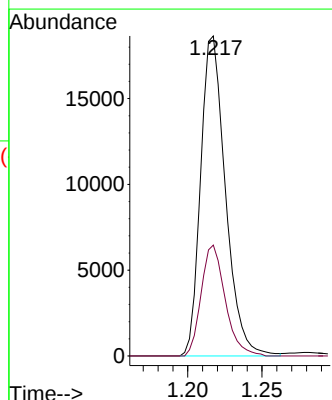
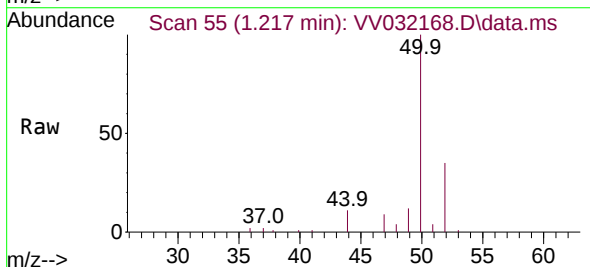
Instrument :
 MSVOA_V
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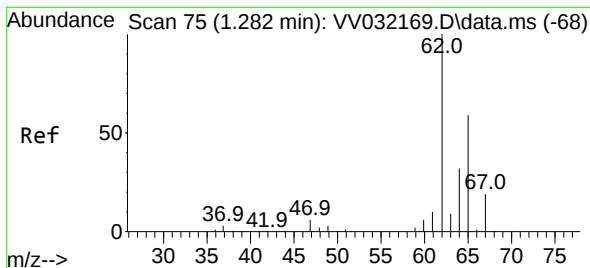
Tgt Ion: 85 Resp: 20358
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.0



#3
 Chloromethane
 Concen: 13.265 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032168.D
 Acq: 25 Sep 2023 13:03

Tgt Ion: 50 Resp: 21681
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.4 41.6





#5

Vinyl chloride

Concen: 12.990 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

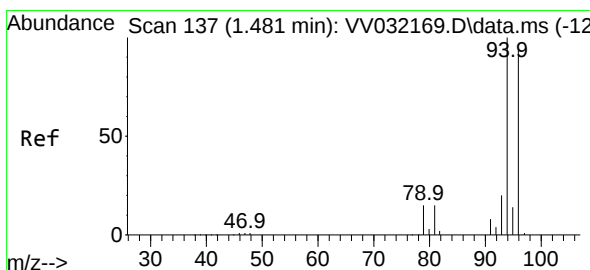
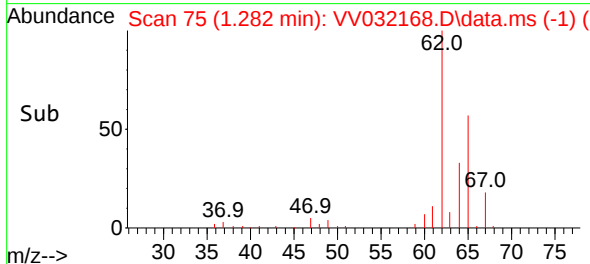
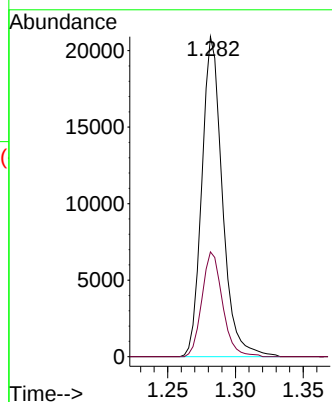
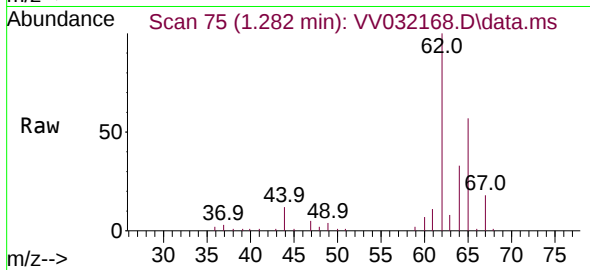
ClientSampleId :

Tgt Ion: 62 Resp: 22118

Ion Ratio Lower Upper

62 100

64 32.8 22.5 41.9



#6

Bromomethane

Concen: 13.224 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.000 min

Lab File: VV032168.D

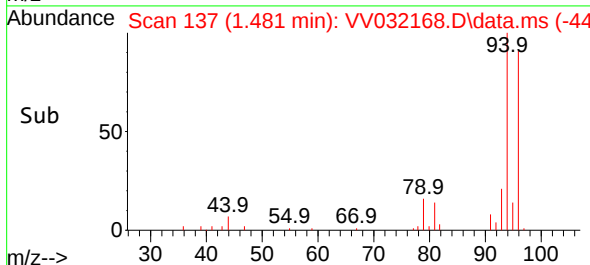
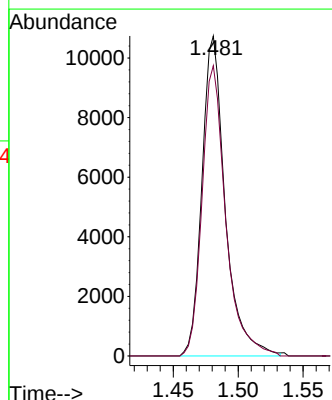
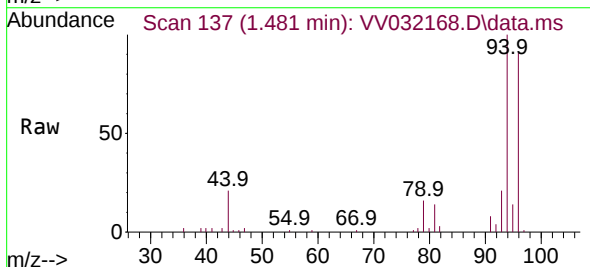
Acq: 25 Sep 2023 13:03

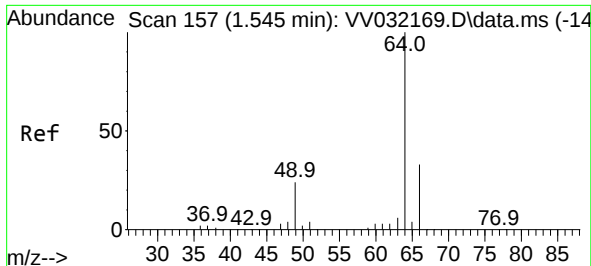
Tgt Ion: 94 Resp: 13395

Ion Ratio Lower Upper

94 100

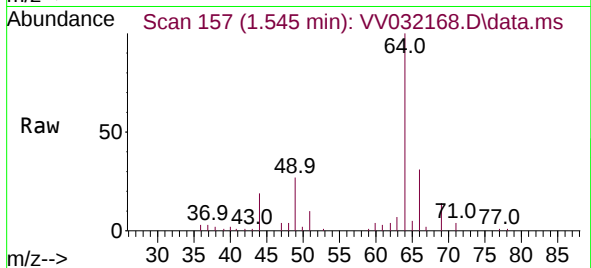
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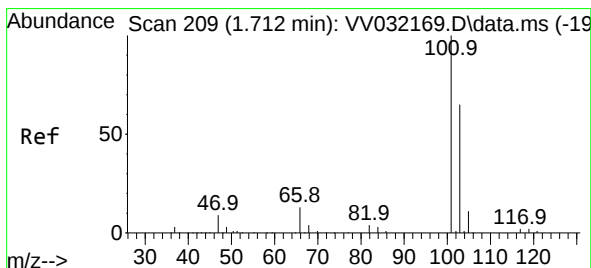
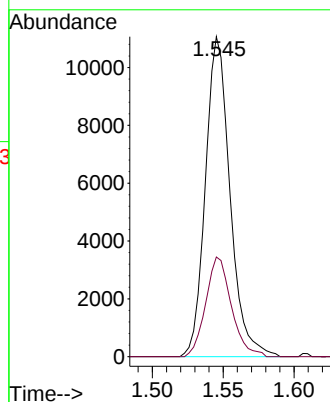
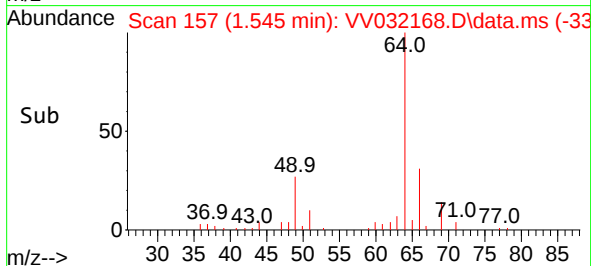


#8
Chloroethane
Concen: 11.988 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Instrument :
MSVOA_V
ClientSampleId :

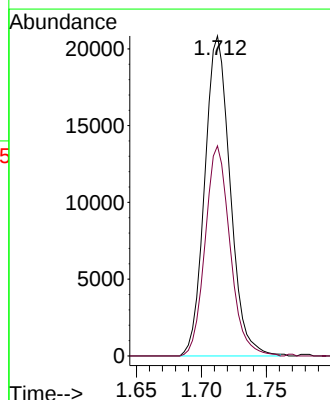
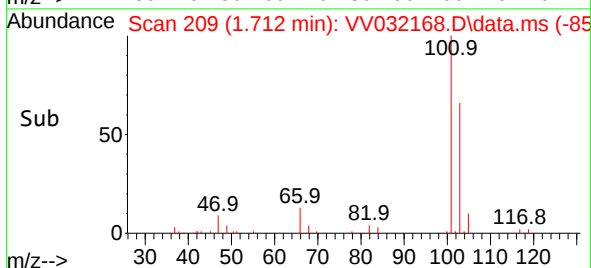
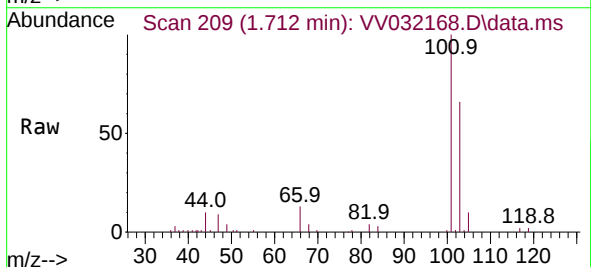


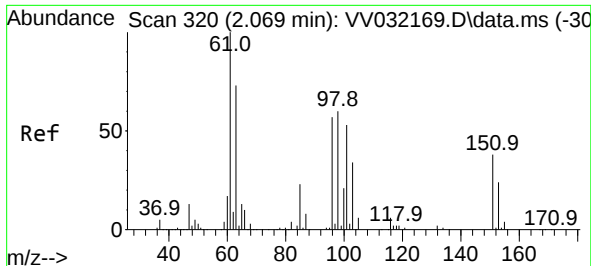
Tgt Ion: 64 Resp: 13370
Ion Ratio Lower Upper
64 100
66 31.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 11.802 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion: 101 Resp: 28397
Ion Ratio Lower Upper
101 100
103 64.3 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 11.884 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

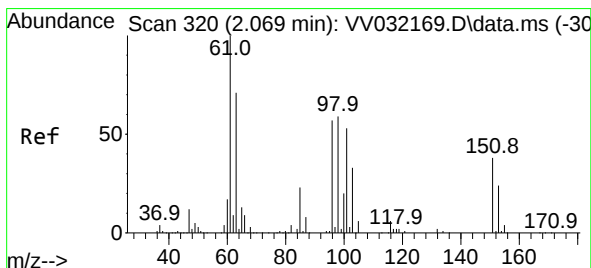
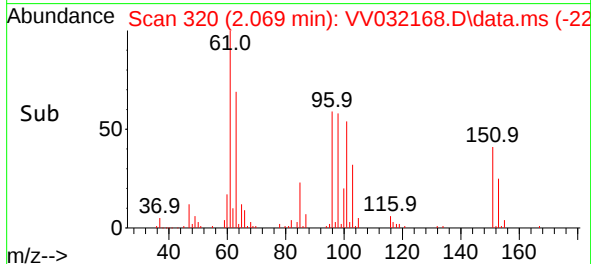
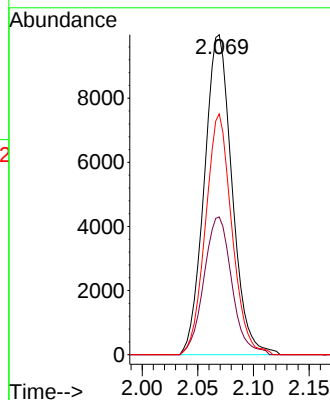
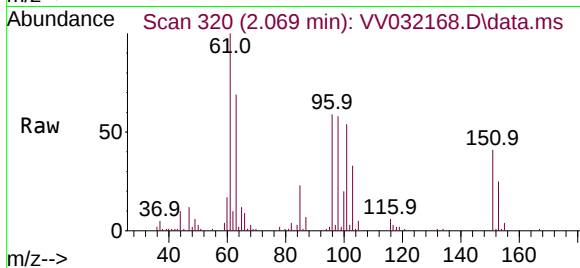
Tgt Ion:101 Resp: 17314

Ion Ratio Lower Upper

101 100

85 43.2 35.4 53.2

151 71.7 57.6 86.4



#12

1,1-Dichloroethene

Concen: 12.044 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

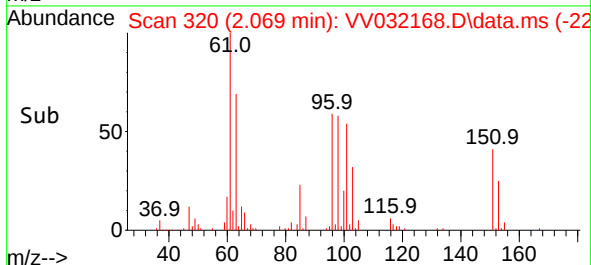
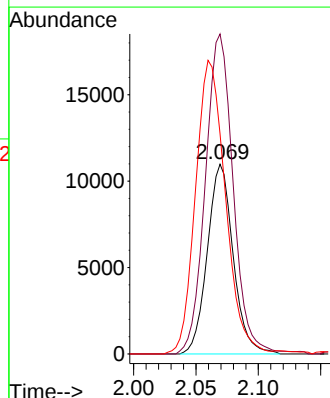
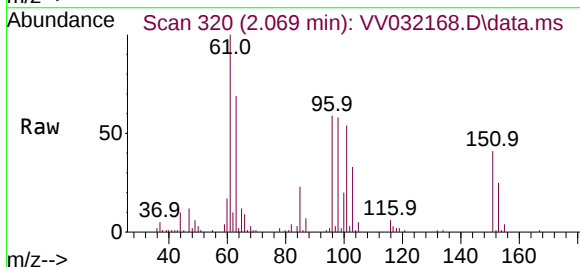
Tgt Ion: 96 Resp: 15872

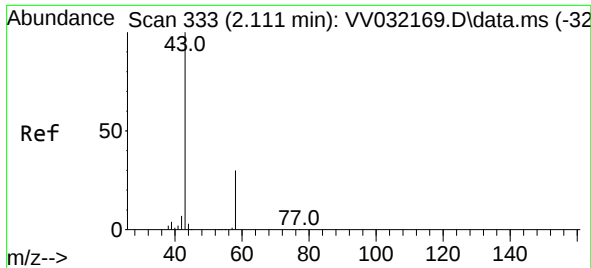
Ion Ratio Lower Upper

96 100

61 168.6 123.7 229.7

63 116.0 89.9 167.0





#13

Acetone

Concen: 25.699 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

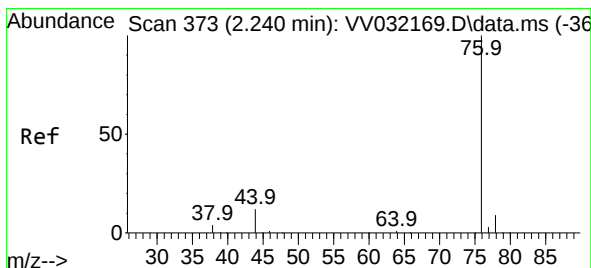
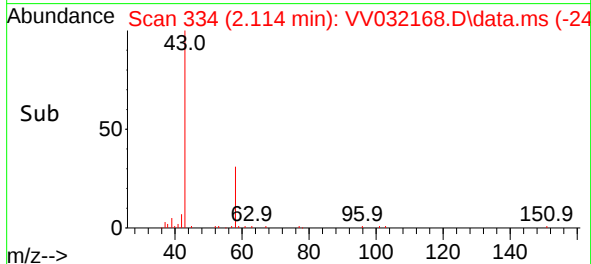
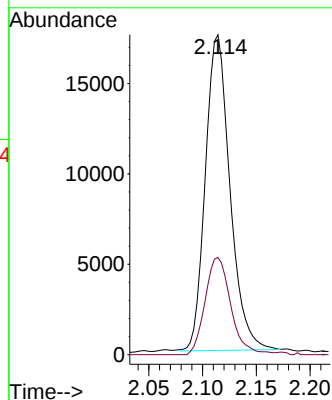
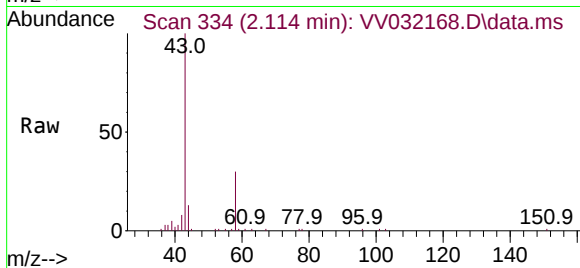
ClientSampleId :

Tgt Ion: 43 Resp: 27839

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.4



#14

Carbon disulfide

Concen: 15.207 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032168.D

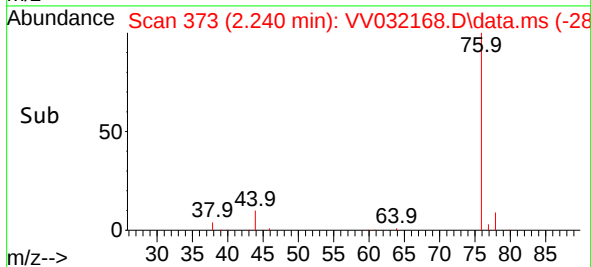
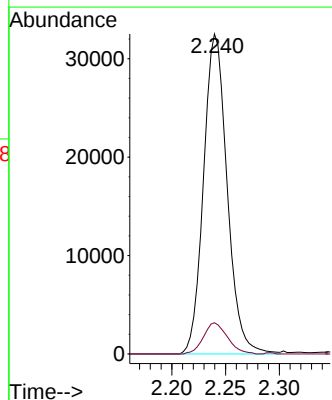
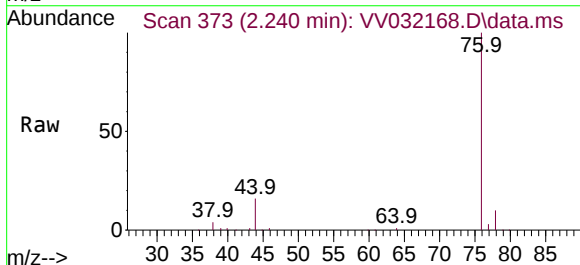
Acq: 25 Sep 2023 13:03

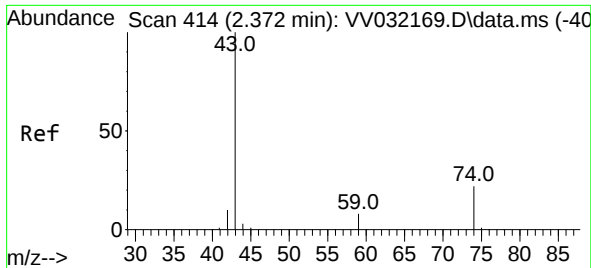
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Ion Ratio Lower Upper

76 100

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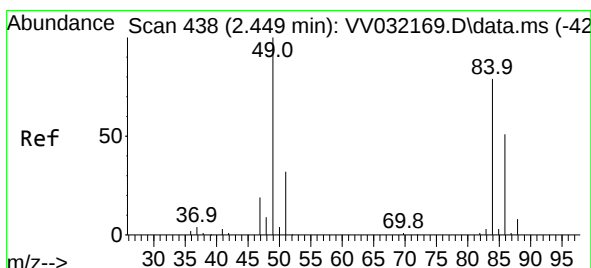
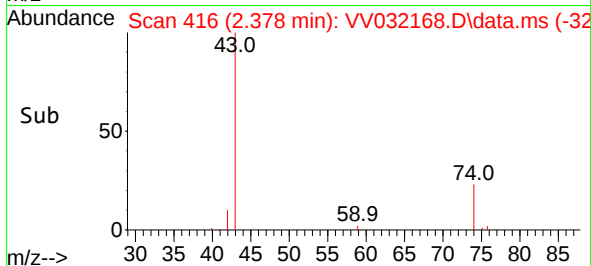
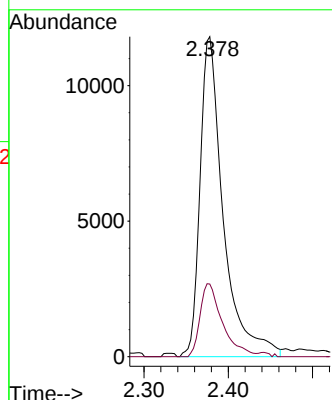
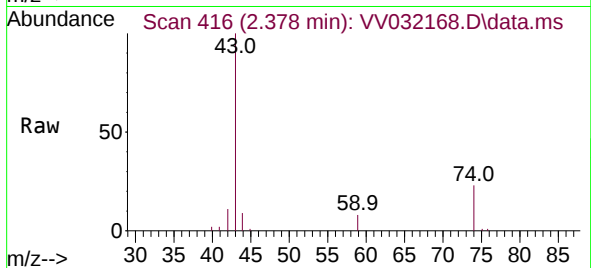




#15
Methyl Acetate
Concen: 11.508 ug/L
RT: 2.378 min Scan# 414
Delta R.T. 0.006 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

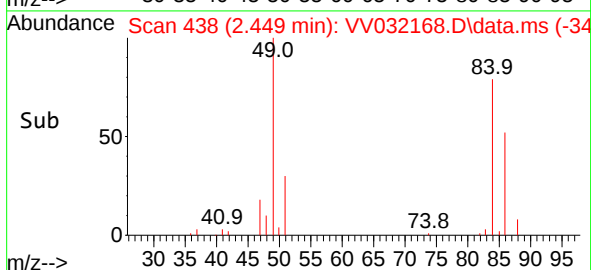
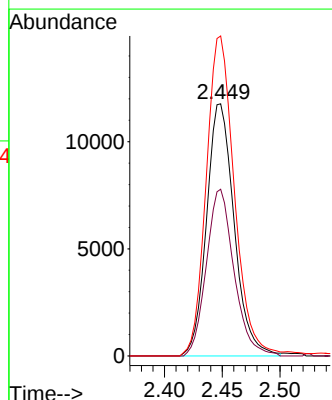
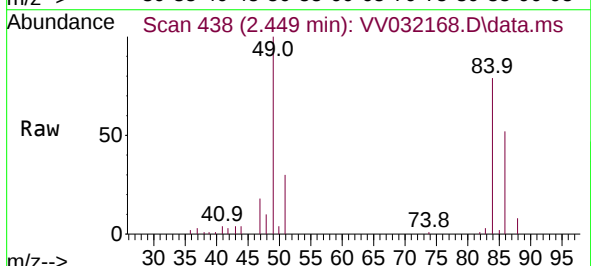
Instrument :
MSVOA_V
ClientSampleId :

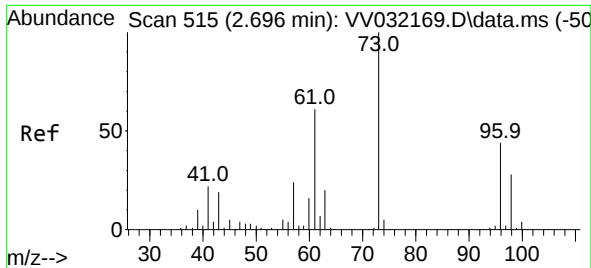
Tgt Ion: 43 Resp: 22662
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8



#16
Methylene chloride
Concen: 11.598 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion: 84 Resp: 19608
Ion Ratio Lower Upper
84 100
86 66.1 45.4 84.4
49 126.9 88.5 164.4

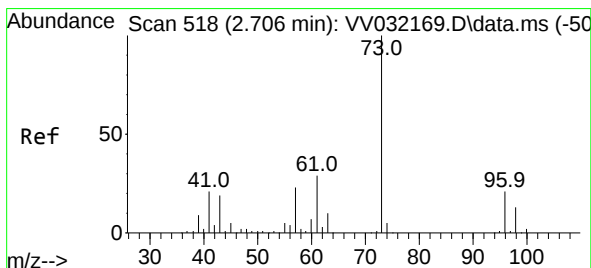
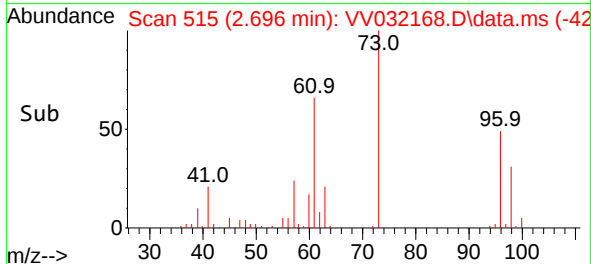
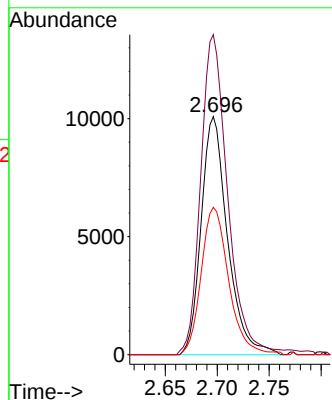
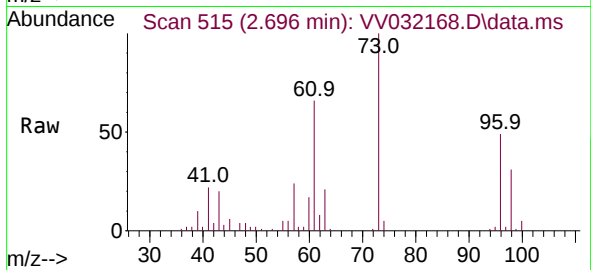




#17
trans-1,2-Dichloroethene
Concen: 12.293 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

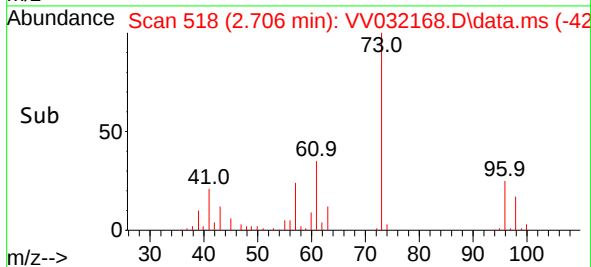
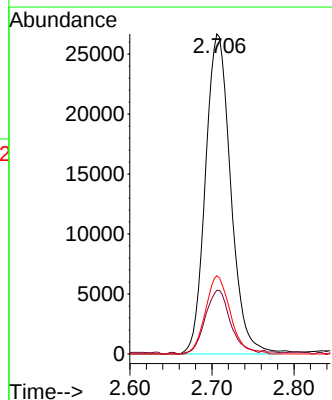
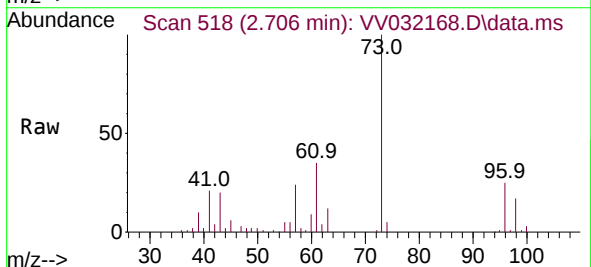
Instrument :
MSVOA_V
ClientSampleId :

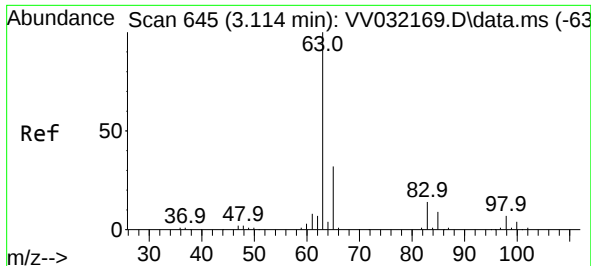
Tgt Ion: 96 Resp: 17820
Ion Ratio Lower Upper
96 100
61 134.4 97.4 180.8
98 61.9 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 9.696 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion: 73 Resp: 57086
Ion Ratio Lower Upper
73 100
43 19.9 15.3 22.9
57 24.1 18.6 28.0





#19

1,1-Dichloroethane

Concen: 10.735 ug/L

RT: 3.114 min Scan# 645

Delta R.T. -0.000 min

Lab File: VV032168.D

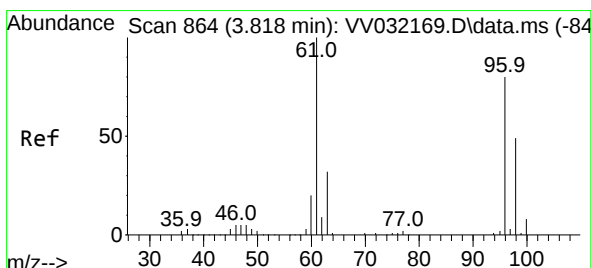
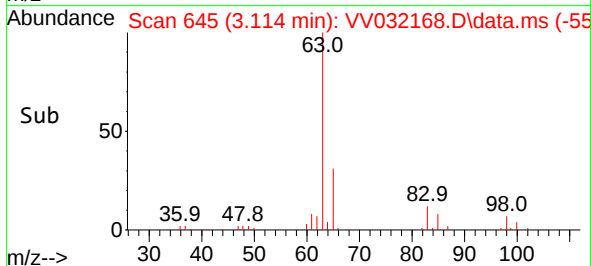
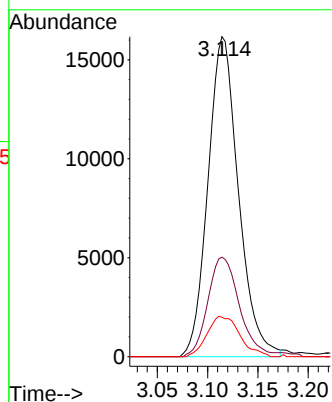
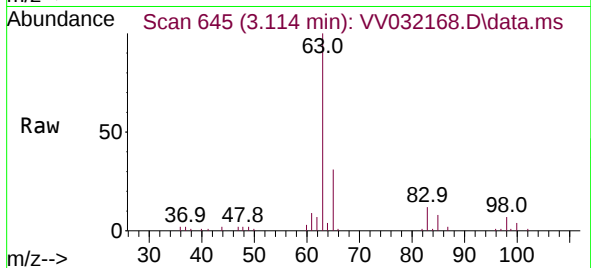
Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 34101
Ion Ratio	Lower Upper
63	100
65	31.1 22.7 42.3
83	12.3 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 10.809 ug/L

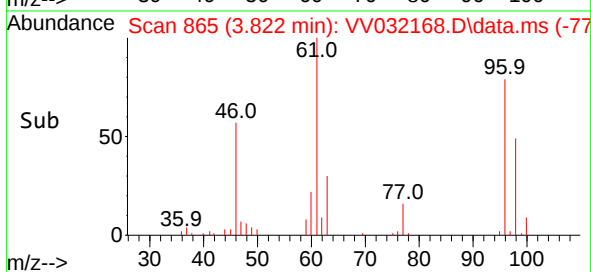
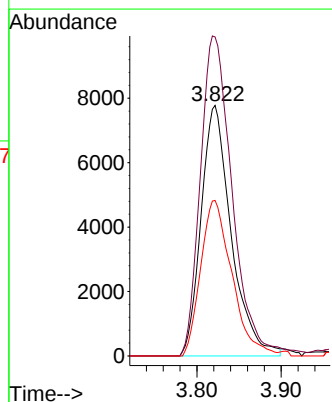
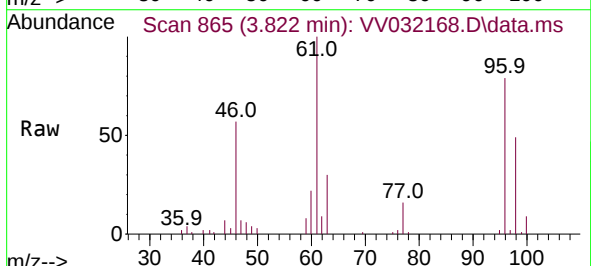
RT: 3.822 min Scan# 865

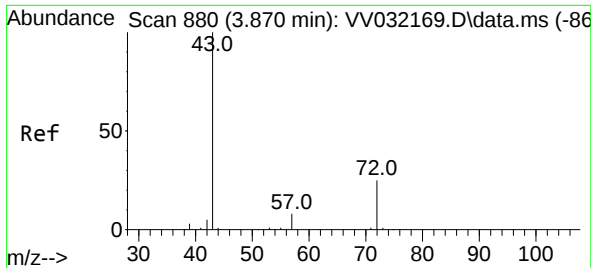
Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Tgt Ion: 96	Resp: 19344
Ion Ratio	Lower Upper
96	100
61	127.3 88.3 164.1
98	62.1 43.3 80.3

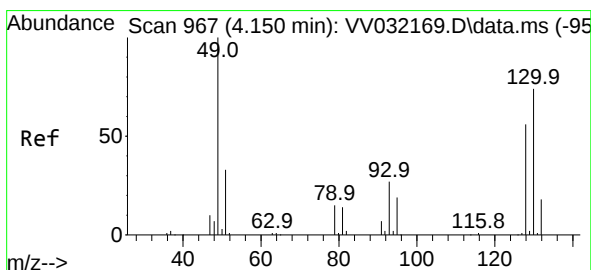
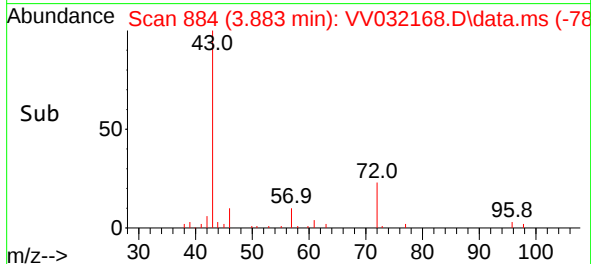
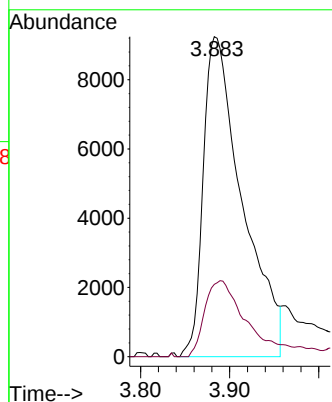
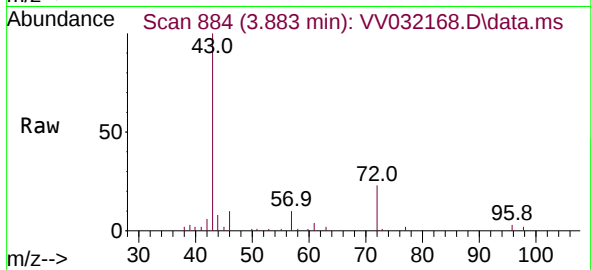




#22
2-Butanone
Concen: 19.536 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.013 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

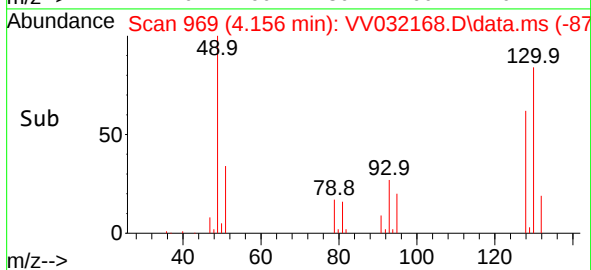
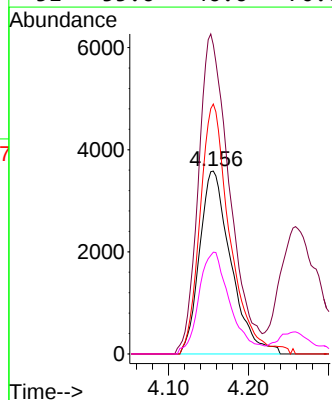
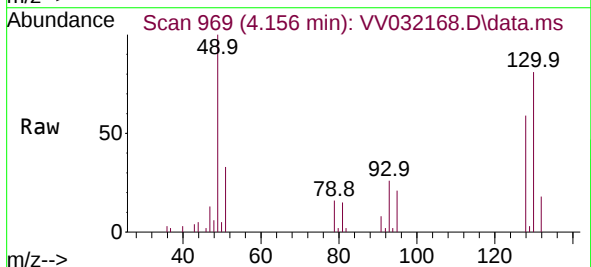
Instrument :
MSVOA_V
ClientSampleId :

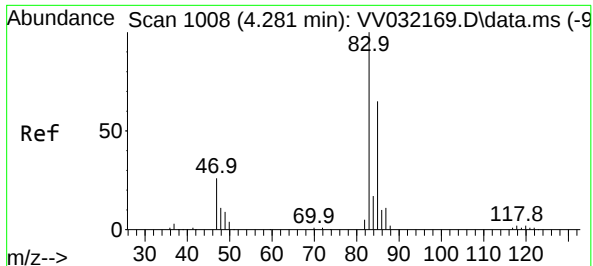
Tgt Ion: 43 Resp: 28181
Ion Ratio Lower Upper
43 100
72 22.9 12.0 36.0



#23
Bromochloromethane
Concen: 11.170 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.006 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion:128 Resp: 9750
Ion Ratio Lower Upper
128 100
49 168.9 125.0 232.2
130 136.6 92.3 171.5
51 55.6 46.6 70.0





#25

Chloroform

Concen: 10.233 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

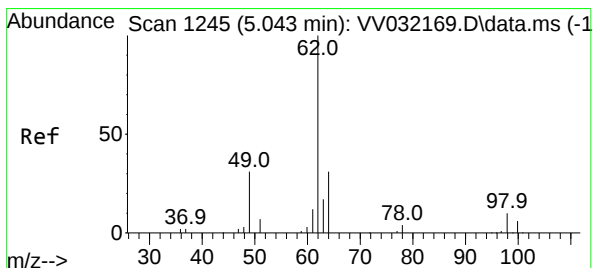
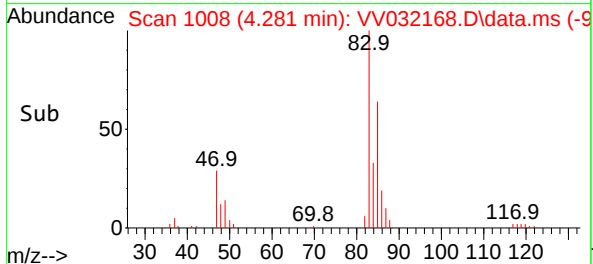
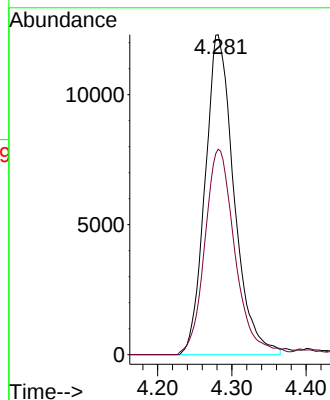
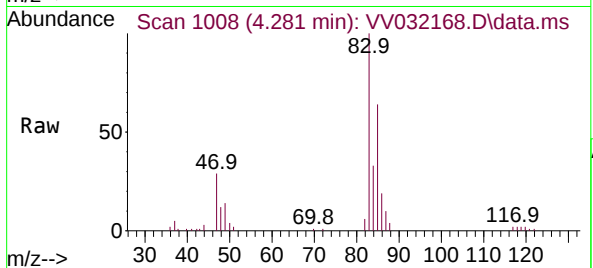
ClientSampleId :

Tgt Ion: 83 Resp: 33260

Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.6



#27

1,2-Dichloroethane

Concen: 9.437 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.006 min

Lab File: VV032168.D

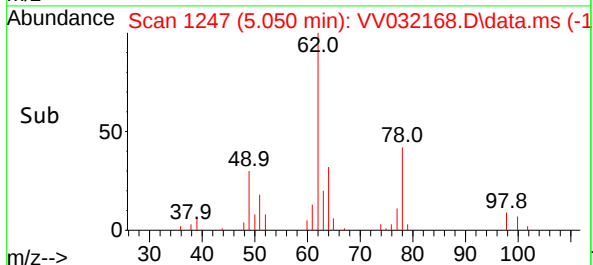
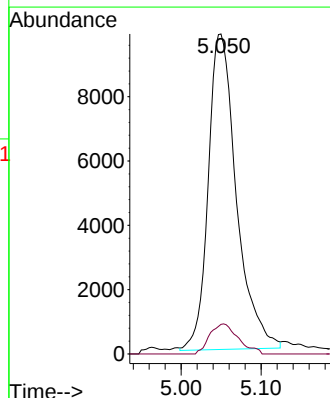
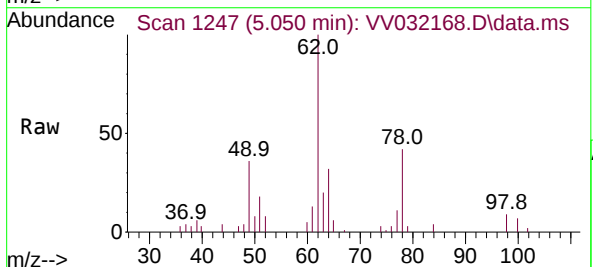
Acq: 25 Sep 2023 13:03

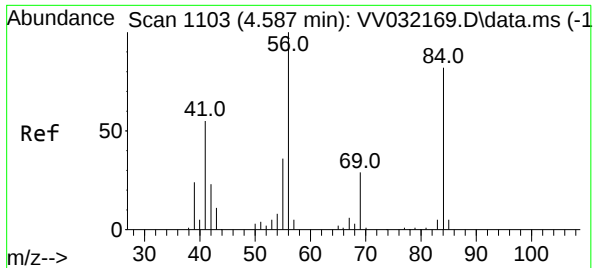
Tgt Ion: 62 Resp: 24058

Ion Ratio Lower Upper

62 100

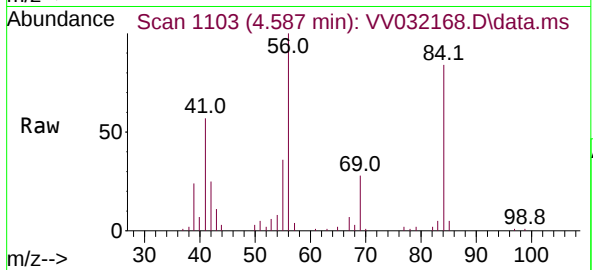
98 9.2 8.1 12.1



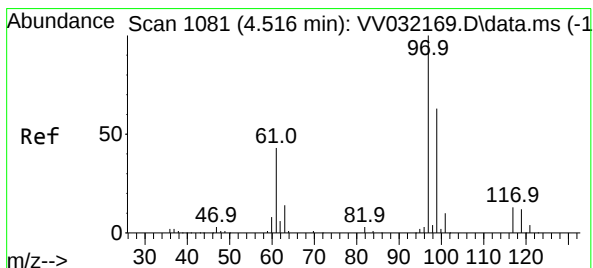
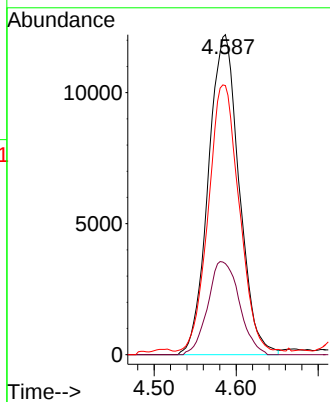
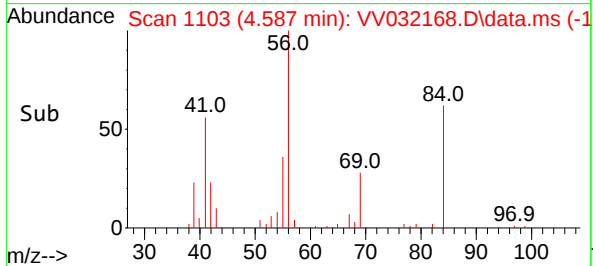


#29
Cyclohexane
Concen: 12.794 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Instrument :
MSVOA_V
ClientSampleId :

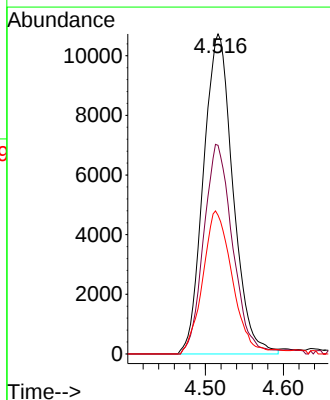
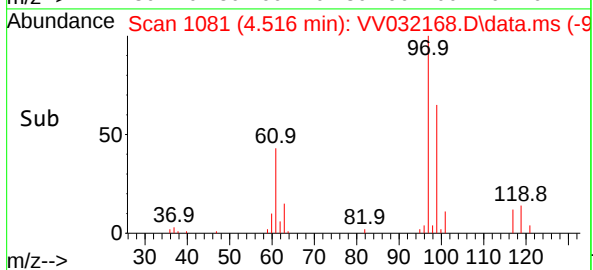
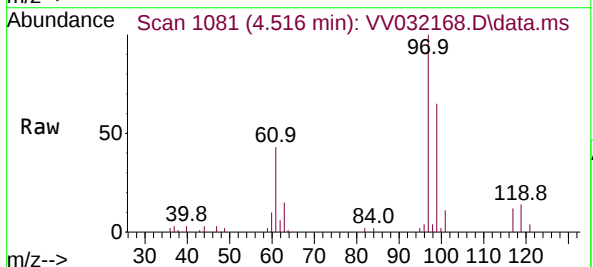


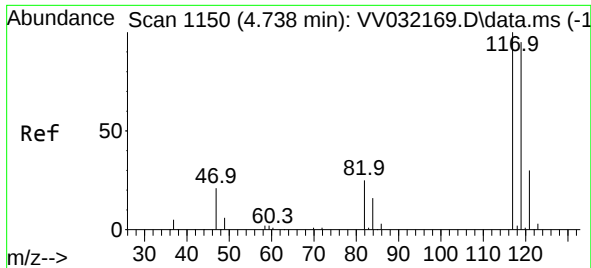
Tgt Ion:	56	Resp:	31870
Ion Ratio	Lower	Upper	
56	100		
69	29.8	23.3	34.9
84	83.6	66.2	99.2



#30
1,1,1-Trichloroethane
Concen: 10.684 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion:	97	Resp:	28199
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.3	76.9
61	44.6	35.0	52.6

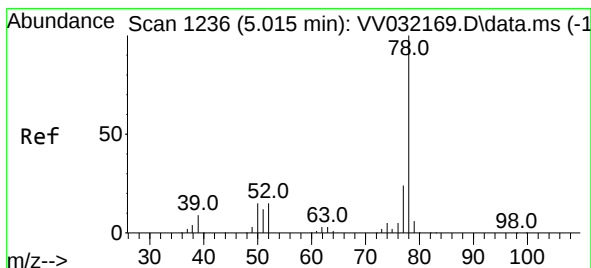
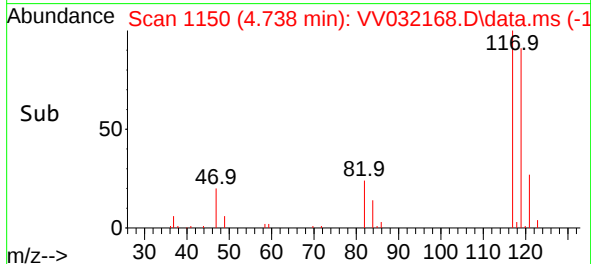
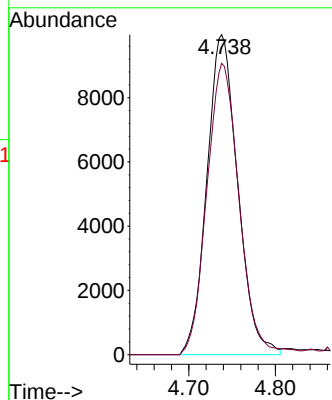
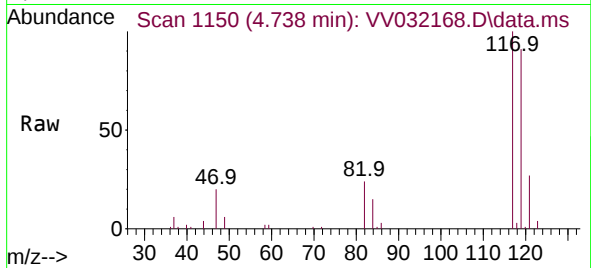




#31
Carbon tetrachloride
Concen: 10.934 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

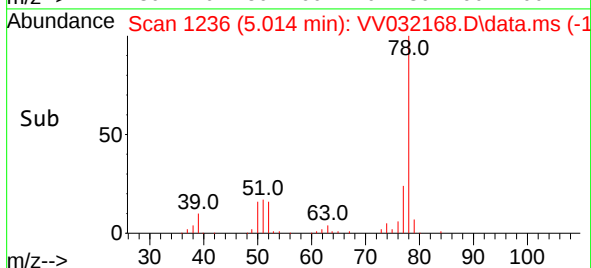
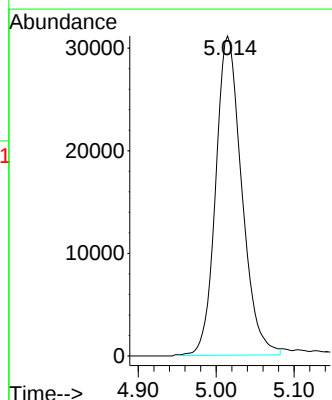
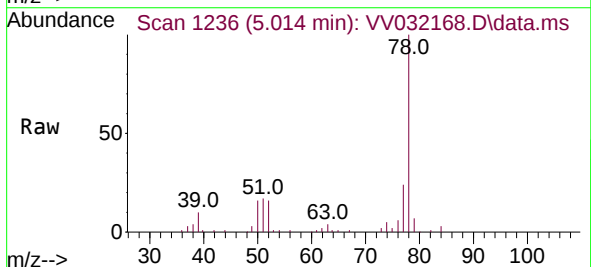
Instrument :
MSVOA_V
ClientSampleId :

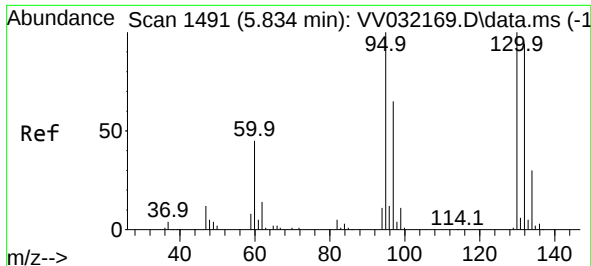
Tgt Ion:117 Resp: 24648
Ion Ratio Lower Upper
117 100
119 95.1 76.6 115.0



#33
Benzene
Concen: 11.503 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion: 78 Resp: 72262



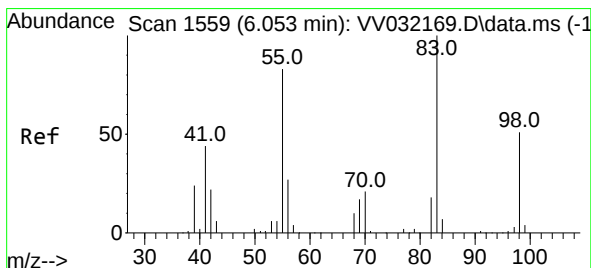
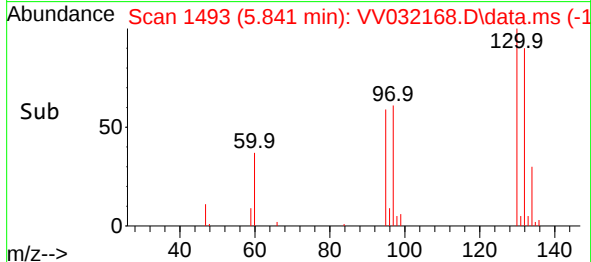
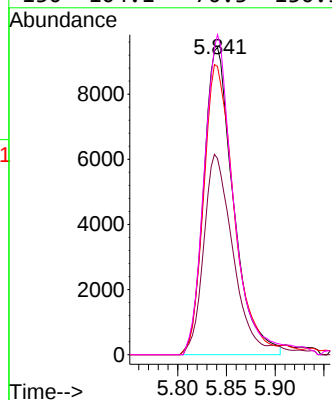
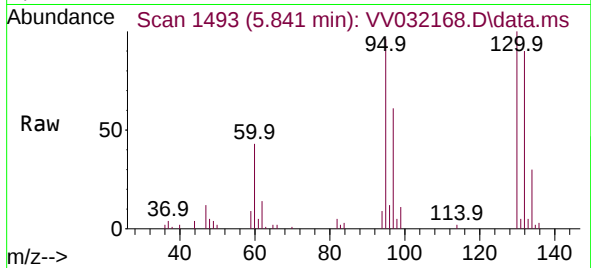


#34
Trichloroethene
Concen: 10.721 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 19957

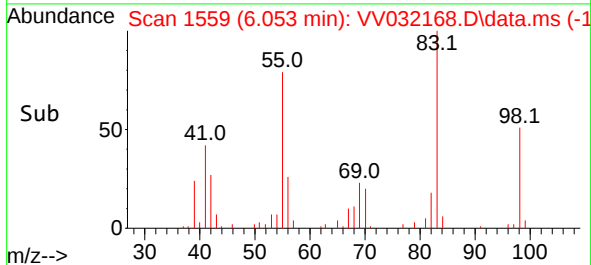
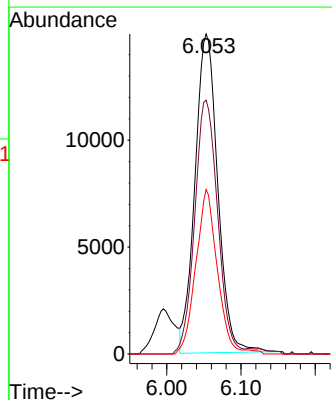
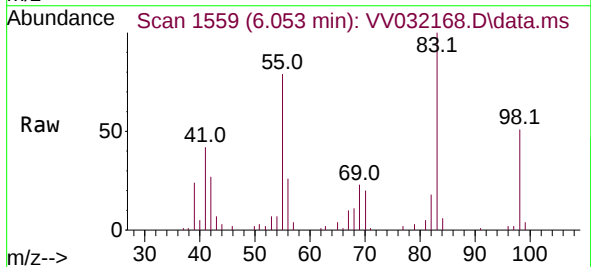
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.4	84.4
132	93.8	66.1	122.7
130	104.1	70.3	130.5

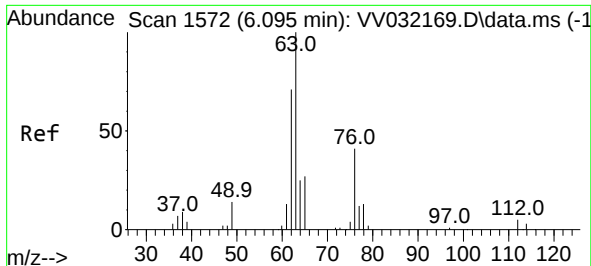


#35
Methylcyclohexane
Concen: 12.347 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion: 83 Resp: 31870

Ion	Ratio	Lower	Upper
83	100		
55	80.1	62.9	94.3
98	48.2	38.9	58.3





#37

1,2-Dichloropropane

Concen: 11.217 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

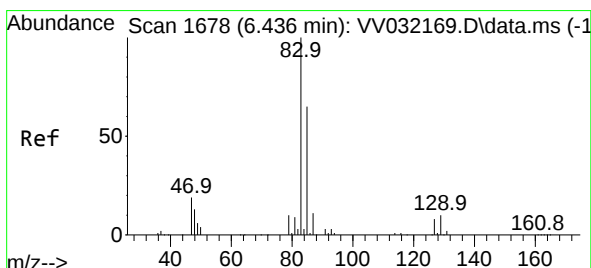
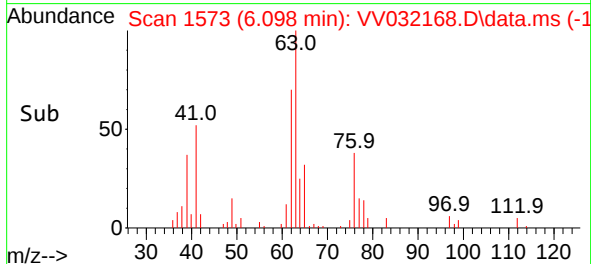
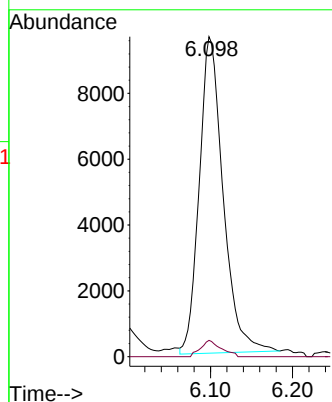
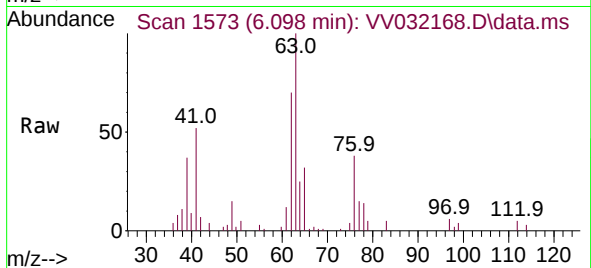
ClientSampleId :

Tgt Ion: 63 Resp: 19458

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 10.252 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

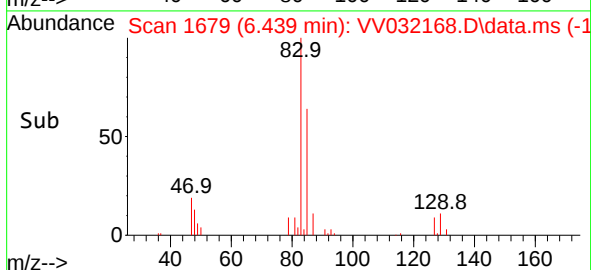
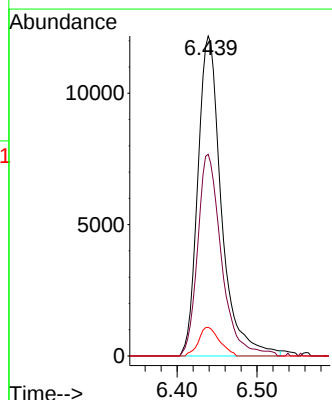
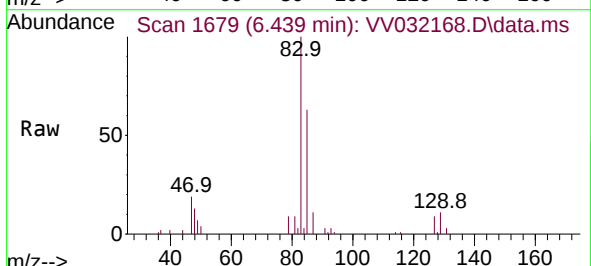
Tgt Ion: 83 Resp: 25006

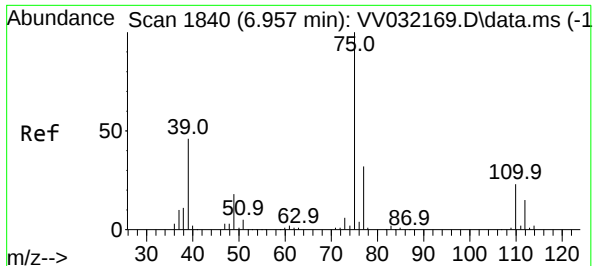
Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.9

127 8.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 9.982 ug/L

RT: 6.960 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

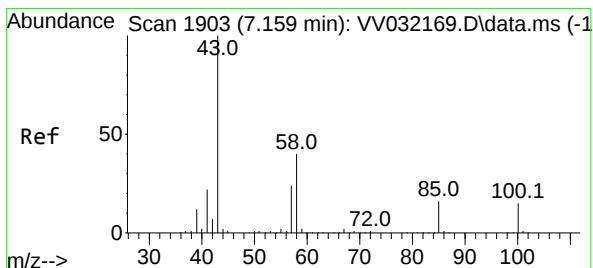
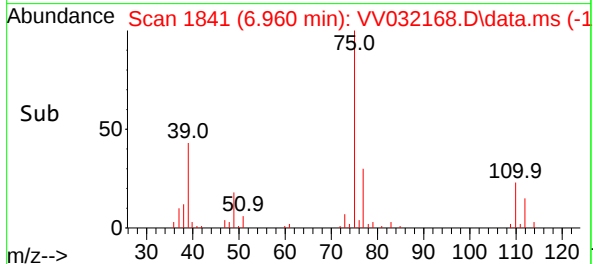
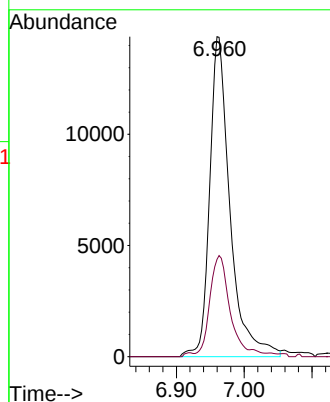
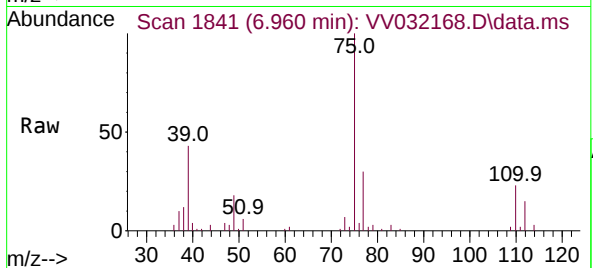
ClientSampleId :

Tgt Ion: 75 Resp: 29990

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 20.864 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

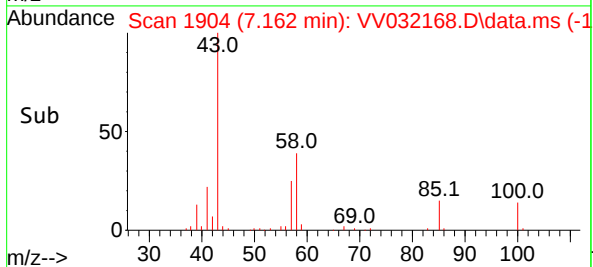
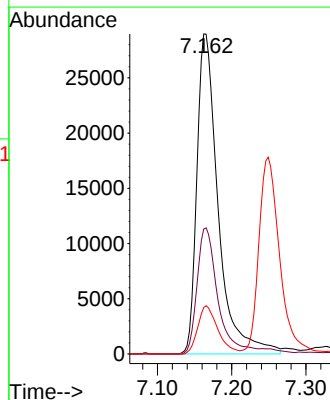
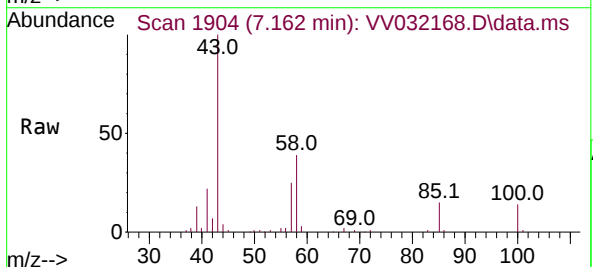
Tgt Ion: 43 Resp: 57901

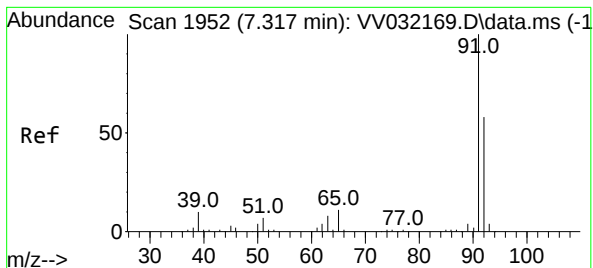
Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.6

100 14.2 11.6 17.4





#42

Toluene

Concen: 11.412 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

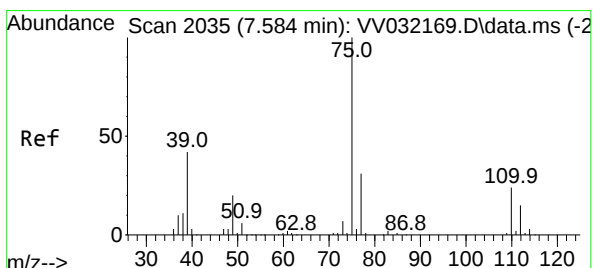
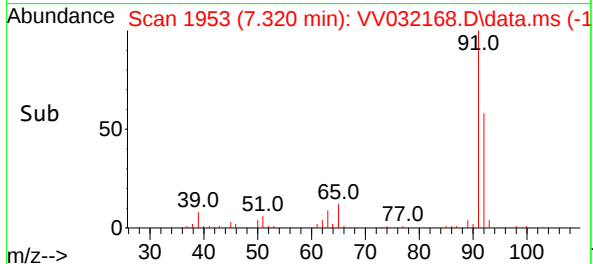
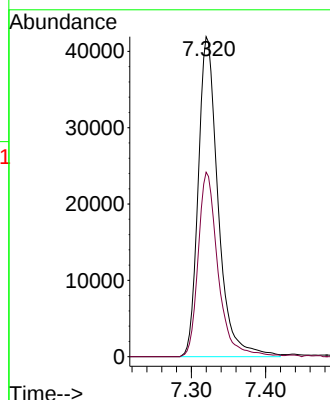
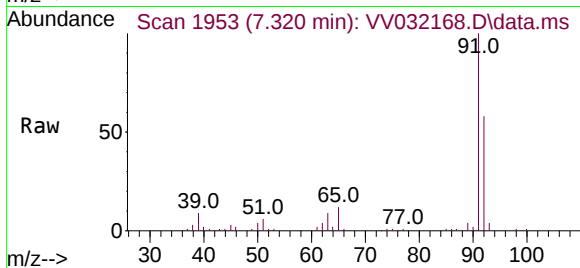
ClientSampleId :

Tgt Ion: 91 Resp: 77971

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 9.344 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.006 min

Lab File: VV032168.D

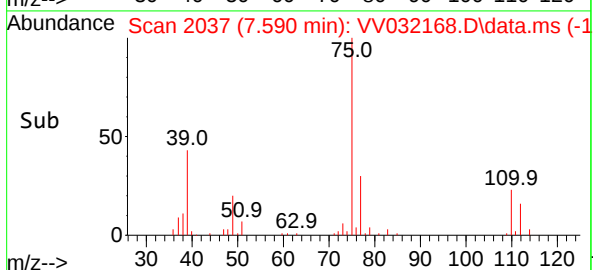
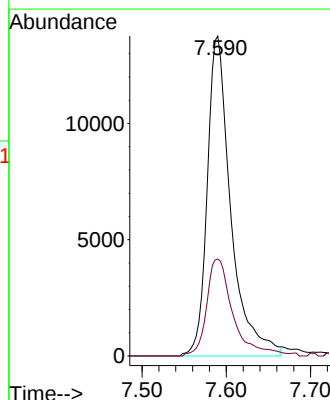
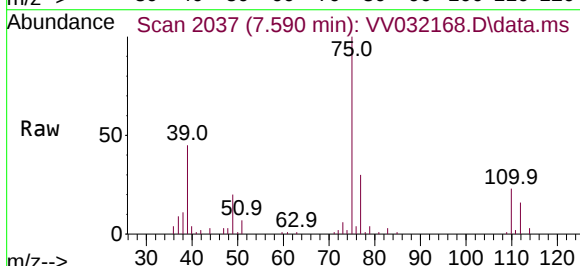
Acq: 25 Sep 2023 13:03

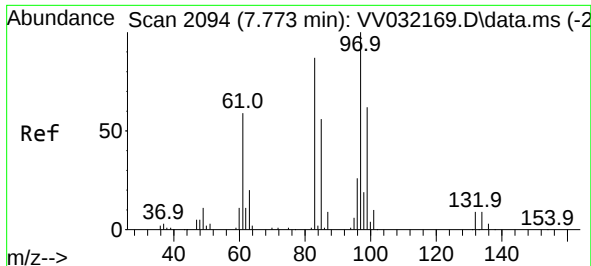
Tgt Ion: 75 Resp: 26782

Ion Ratio Lower Upper

75 100

77 30.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 10.643 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 18810

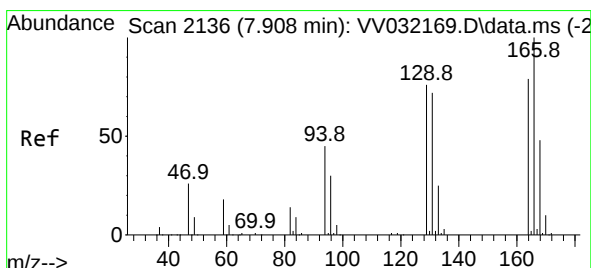
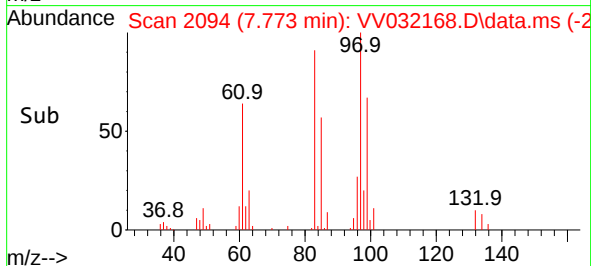
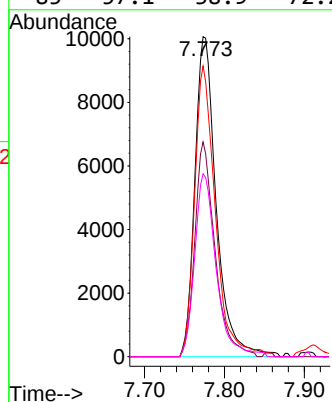
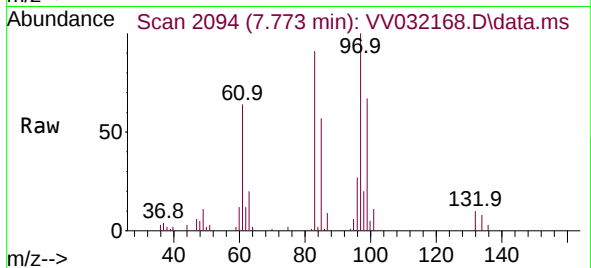
Ion Ratio Lower Upper

97 100

99 67.1 43.3 80.3

83 90.8 60.8 113.0

85 57.1 38.9 72.2



#46

Tetrachloroethene

Concen: 12.342 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Tgt Ion:164 Resp: 14886

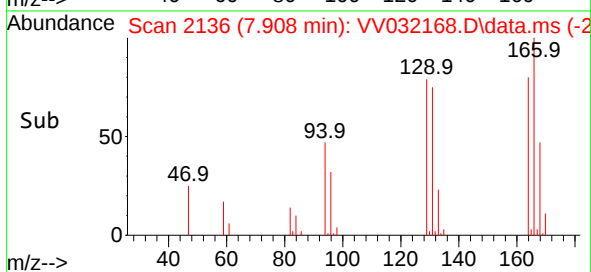
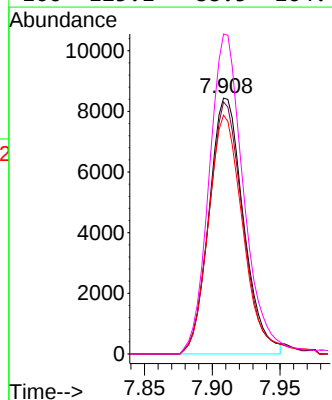
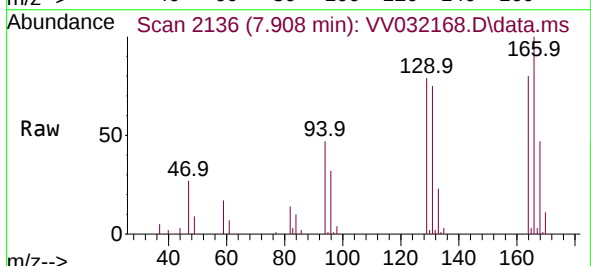
Ion Ratio Lower Upper

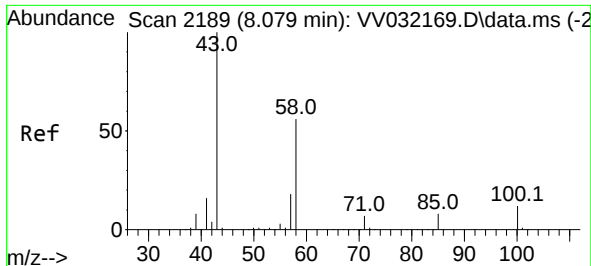
164 100

129 98.5 67.5 125.3

131 93.4 63.8 118.4

166 125.1 88.5 164.4

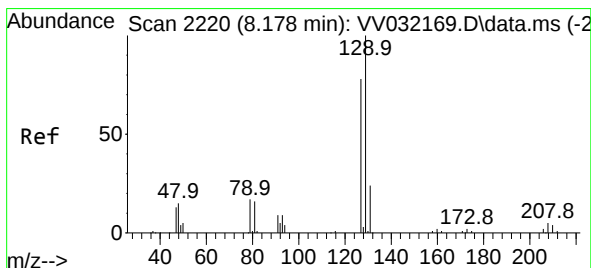
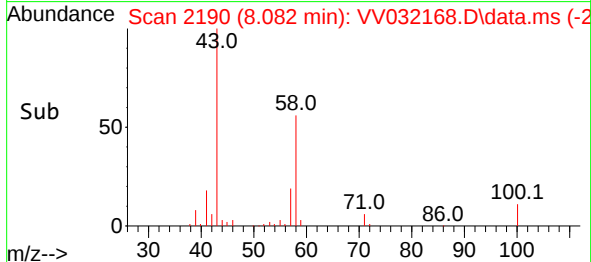
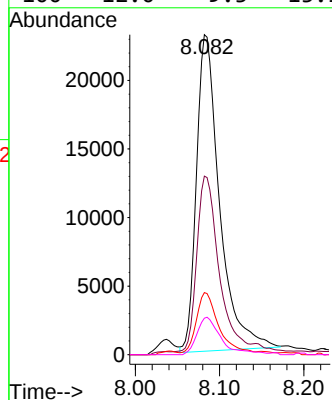
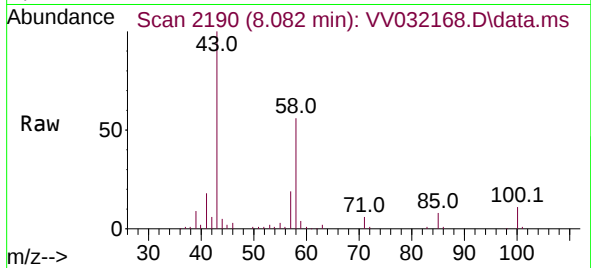




#48
2-Hexanone
Concen: 20.861 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

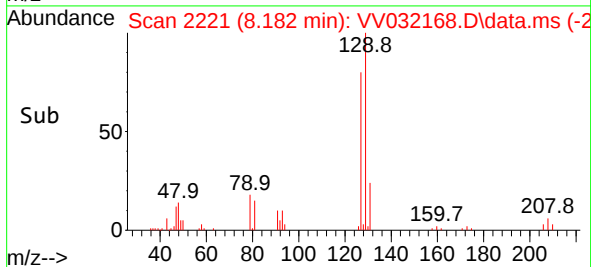
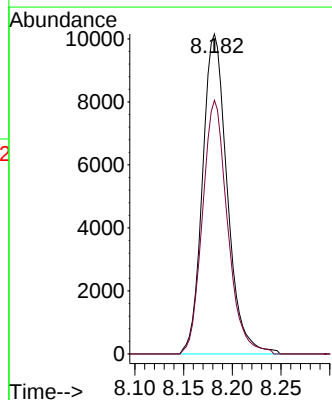
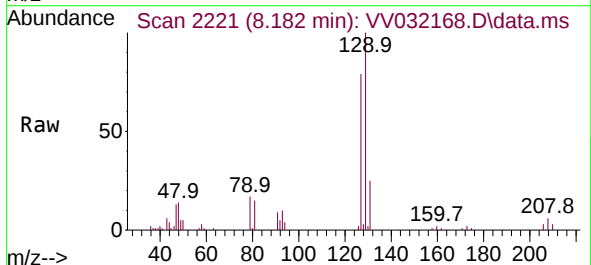
Instrument :
MSVOA_V
ClientSampleId :

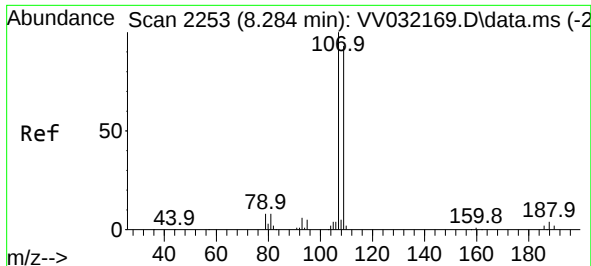
Tgt Ion: 43	Resp: 44170
Ion Ratio	Lower Upper
43 100	
58 52.3	44.5 66.7
57 18.2	13.9 20.9
100 12.0	9.3 13.9



#49
Dibromochloromethane
Concen: 9.969 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion:129	Resp:	17919	
Ion	Ratio	Lower	Upper
129	100		
127	79.3	54.9	101.9





#50

1,2-Dibromoethane

Concen: 10.843 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032168.D

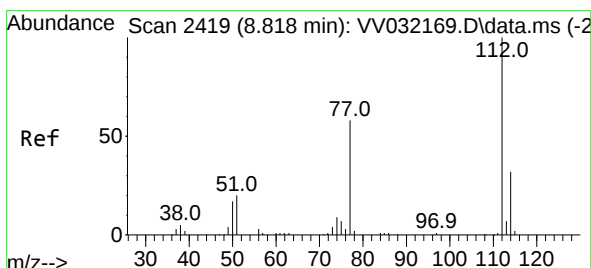
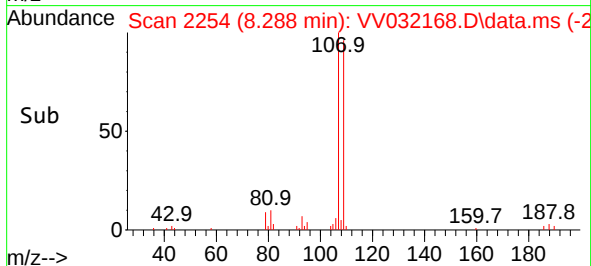
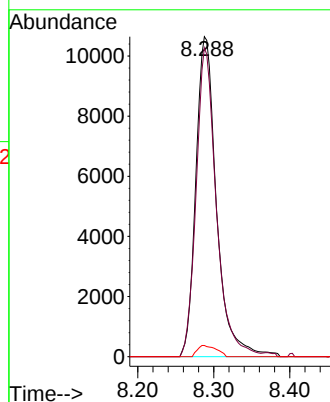
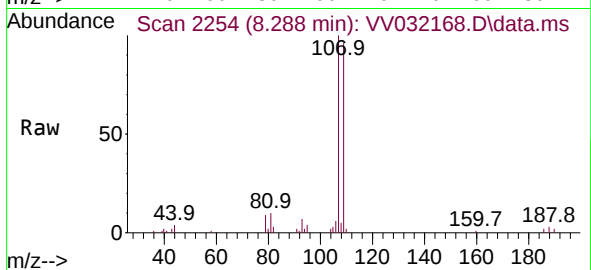
Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	20159
Ion Ratio	Lower	Upper
107	100	
109	96.5	65.2 121.2
188	3.5	3.0 4.6



#51

Chlorobenzene

Concen: 11.151 ug/L

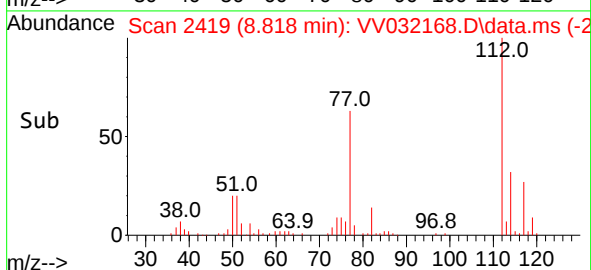
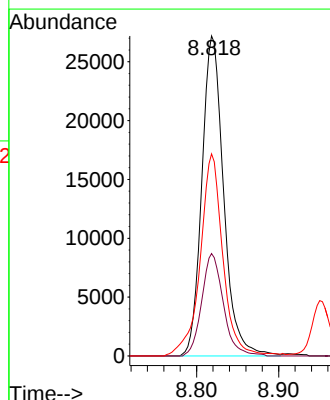
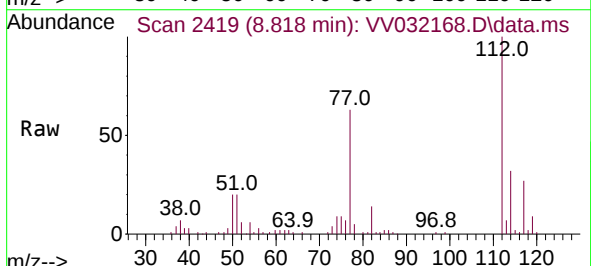
RT: 8.818 min Scan# 2419

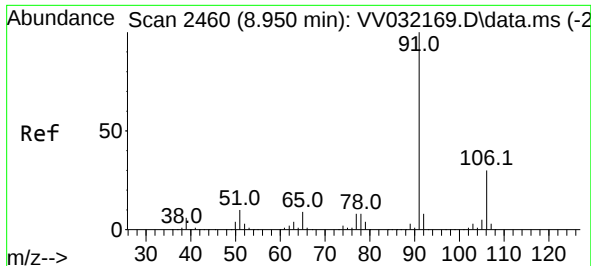
Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Tgt Ion:112	Resp:	50304
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.5 41.9
77	63.2	46.7 70.1

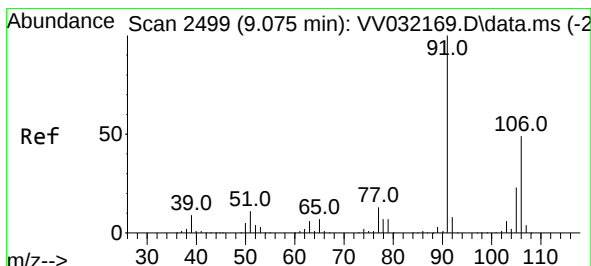
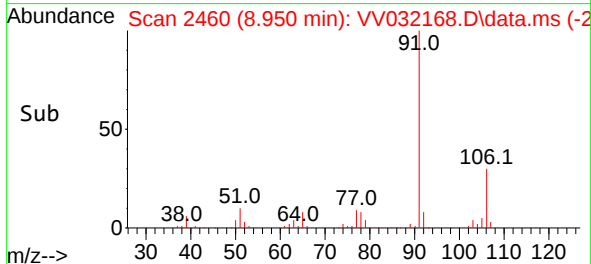
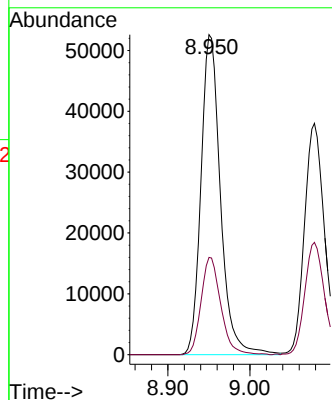
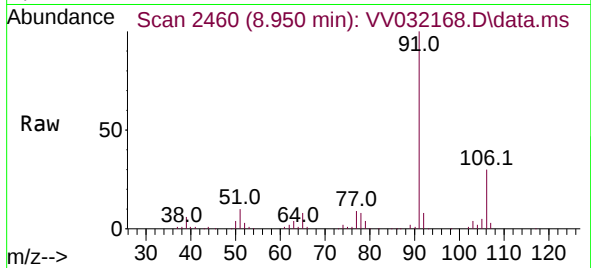




#52
Ethylbenzene
Concen: 10.829 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

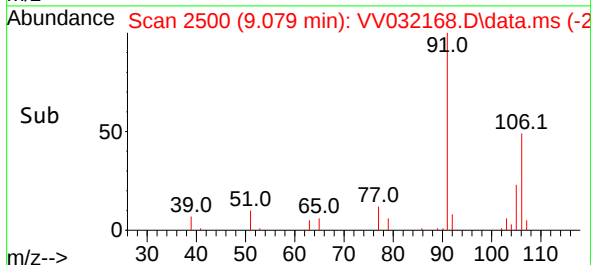
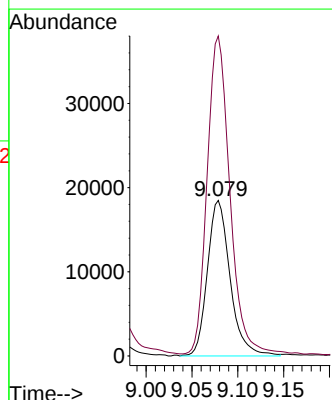
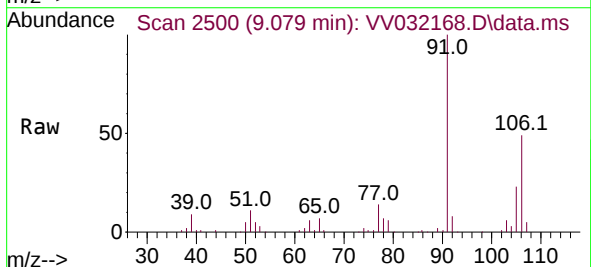
Instrument :
MSVOA_V
ClientSampleId :

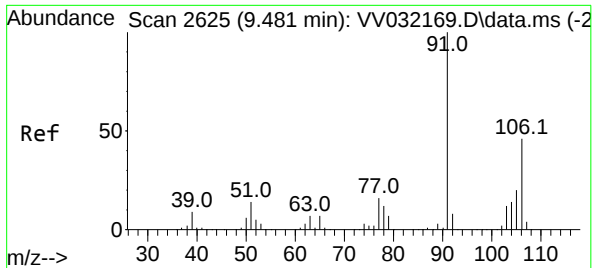
Tgt Ion: 91 Resp: 86599
Ion Ratio Lower Upper
91 100
106 30.4 20.9 38.7



#53
m,p-Xylene
Concen: 10.759 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion:106 Resp: 31873
Ion Ratio Lower Upper
106 100
91 205.8 143.8 267.0

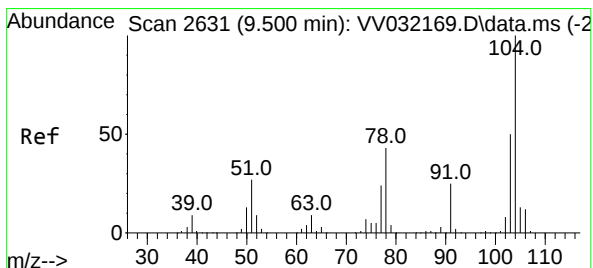
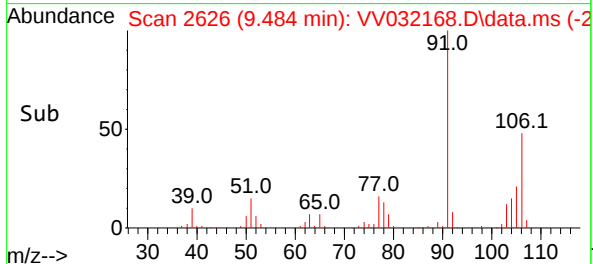
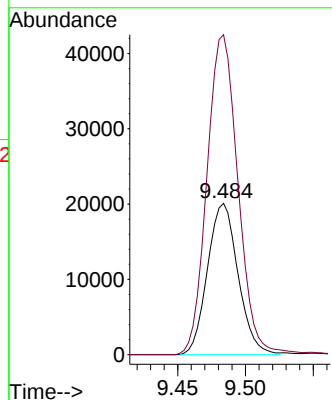
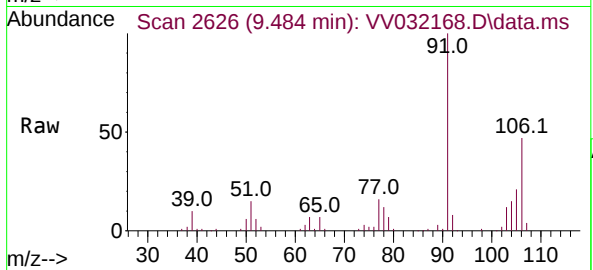




#54
o-Xylene
Concen: 10.730 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

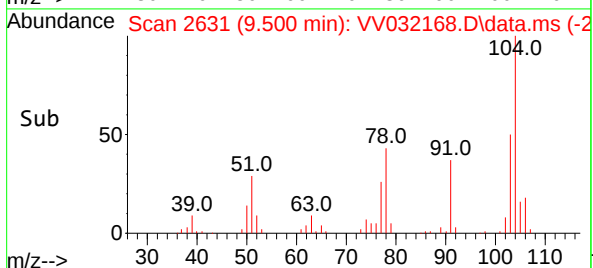
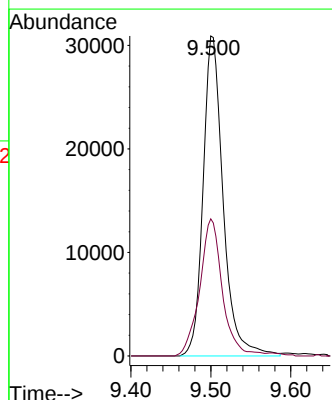
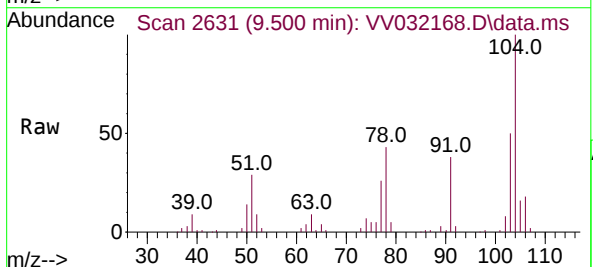
Instrument :
MSVOA_V
ClientSampleId :

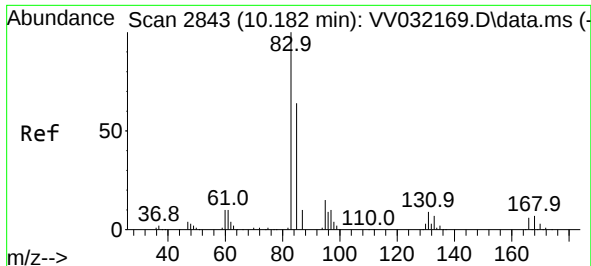
Tgt Ion:106 Resp: 31557
Ion Ratio Lower Upper
106 100
91 211.4 153.4 284.8



#55
Styrene
Concen: 10.455 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion:104 Resp: 54107
Ion Ratio Lower Upper
104 100
78 42.9 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 11.464 ug/L

RT: 10.181 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032168.D

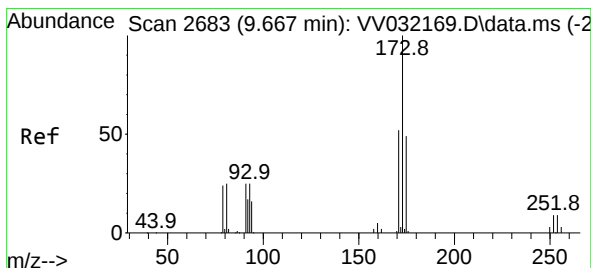
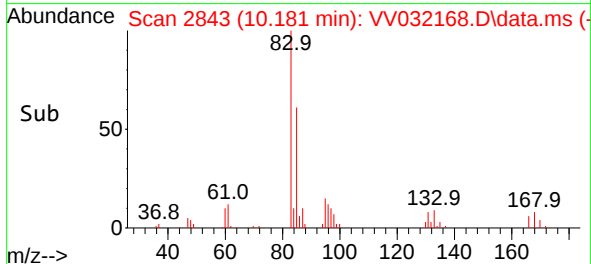
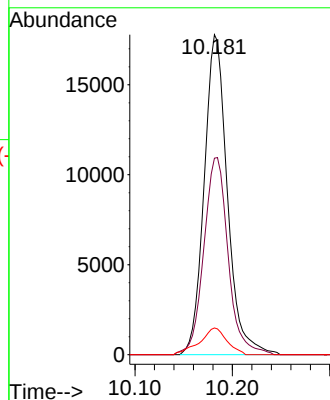
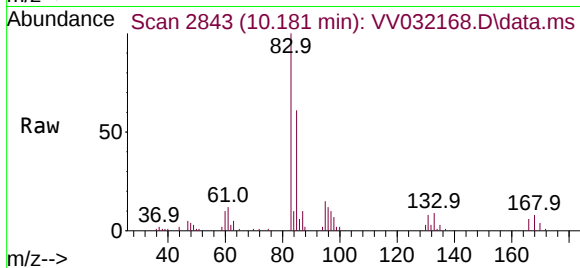
Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	29450
Ion	Ratio	Lower	Upper
83	100		
85	61.4	44.7	82.9
131	8.4	7.4	11.0



#59

Bromoform

Concen: 9.923 ug/L

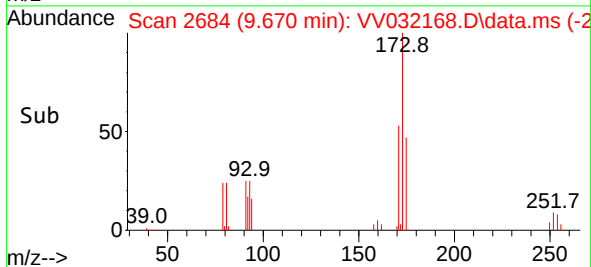
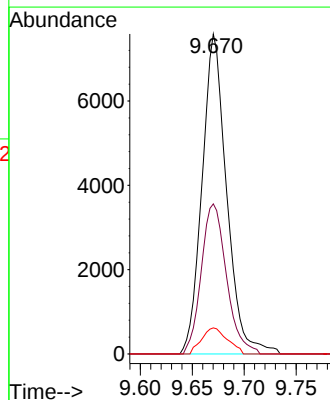
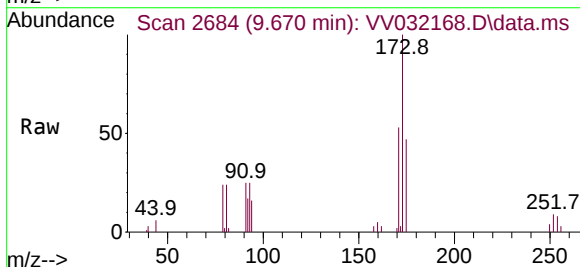
RT: 9.670 min Scan# 2684

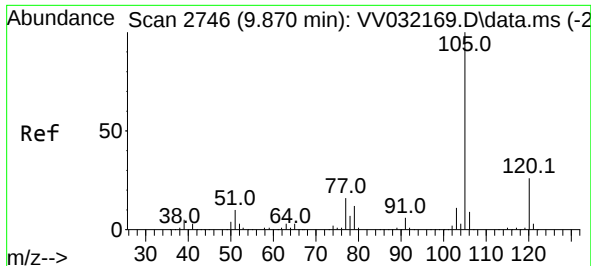
Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Tgt Ion:	173	Resp:	12485
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.5	59.3
254	8.5	7.0	10.4

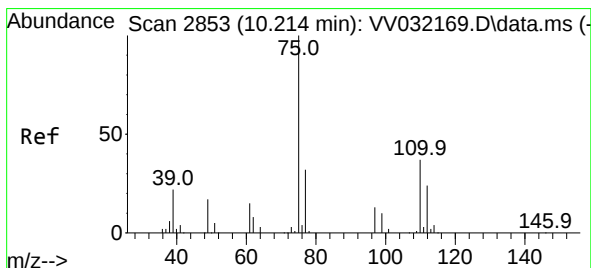
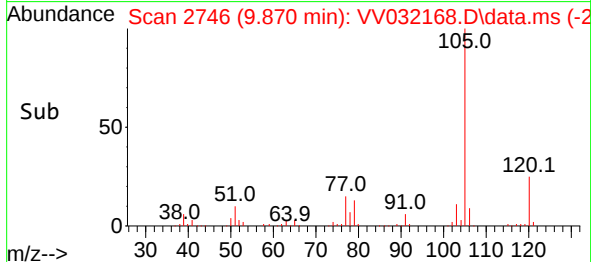
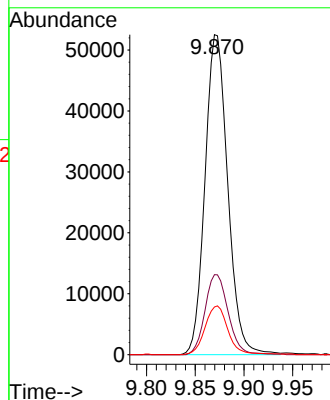
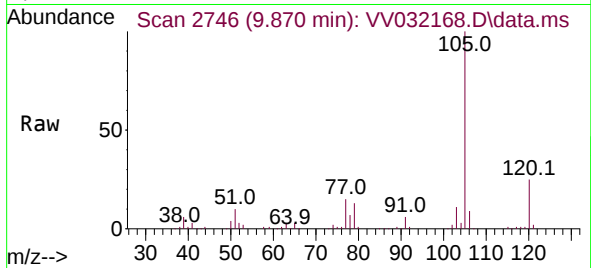




#60
Isopropylbenzene
Concen: 10.607 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

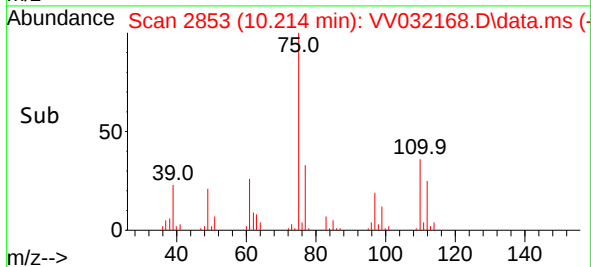
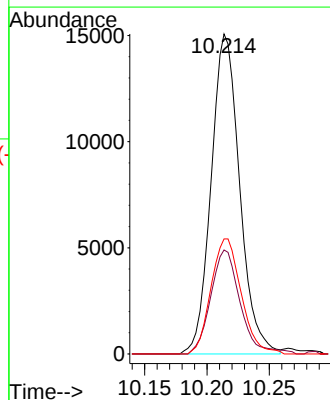
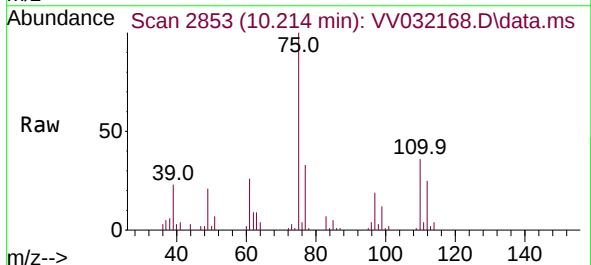
Instrument :
MSVOA_V
ClientSampleId :

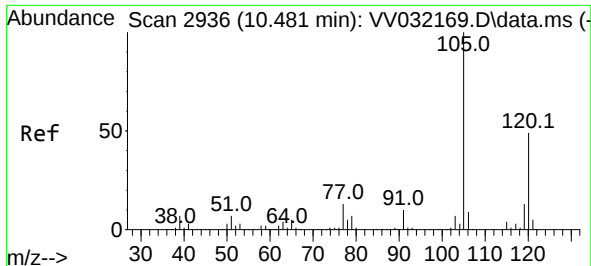
Tgt Ion:105 Resp: 85280
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6
77 15.3 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 10.518 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032168.D
Acq: 25 Sep 2023 13:03

Tgt Ion: 75 Resp: 24007
Ion Ratio Lower Upper
75 100
77 33.5 26.1 39.1
110 38.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 10.140 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

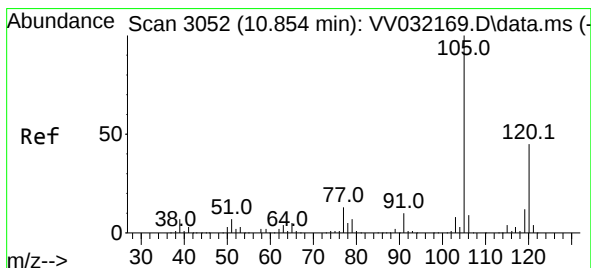
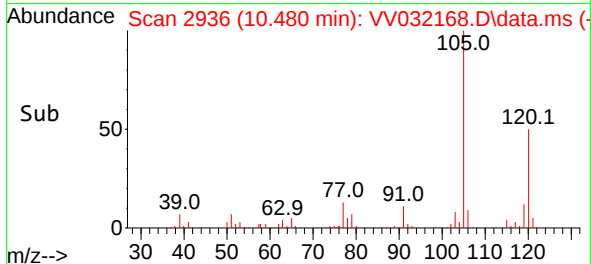
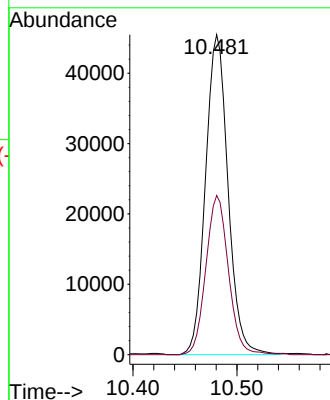
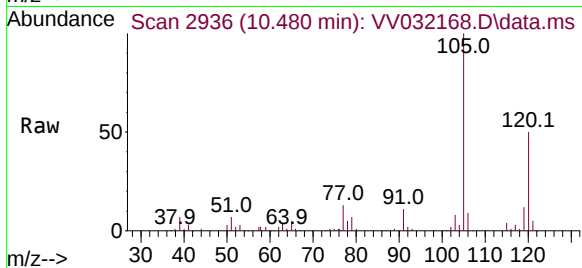
ClientSampleId :

Tgt Ion:105 Resp: 68375

Ion Ratio Lower Upper

105 100

120 49.8 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 10.017 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032168.D

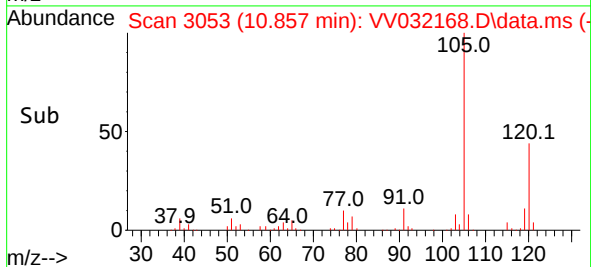
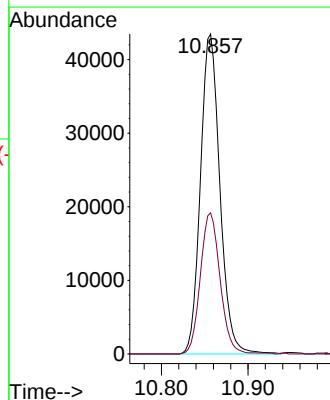
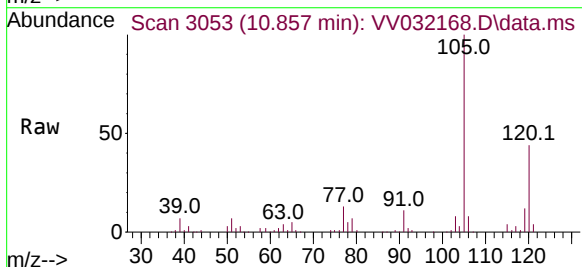
Acq: 25 Sep 2023 13:03

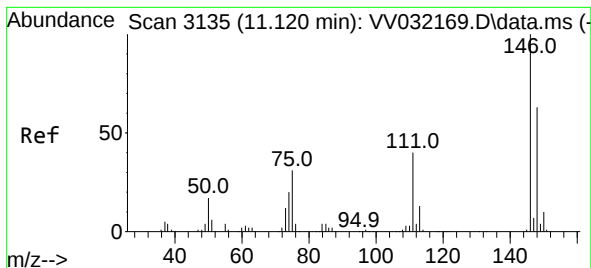
Tgt Ion:105 Resp: 67679

Ion Ratio Lower Upper

105 100

120 44.6 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 11.104 ug/L

RT: 11.124 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

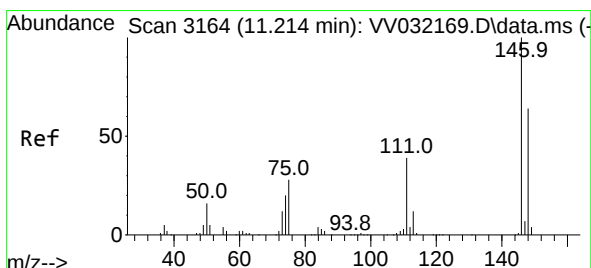
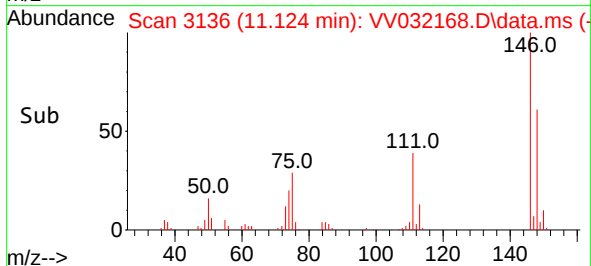
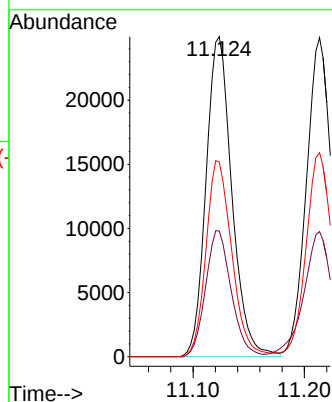
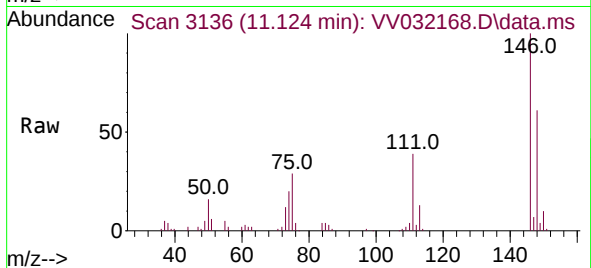
Tgt Ion:146 Resp: 40281

Ion Ratio Lower Upper

146 100

111 39.3 28.3 52.5

148 60.8 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 11.184 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

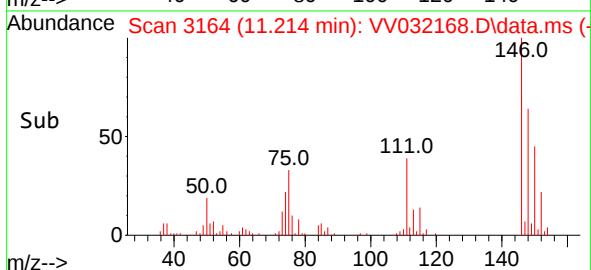
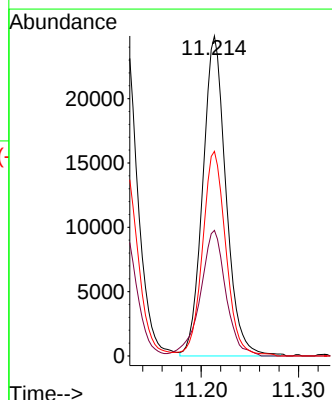
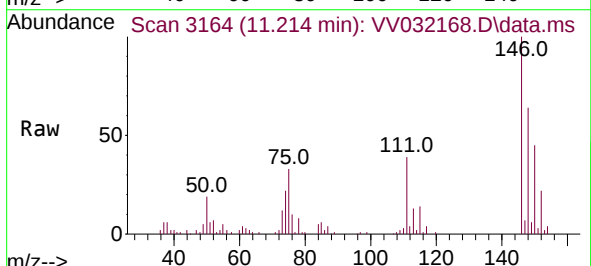
Tgt Ion:146 Resp: 41191

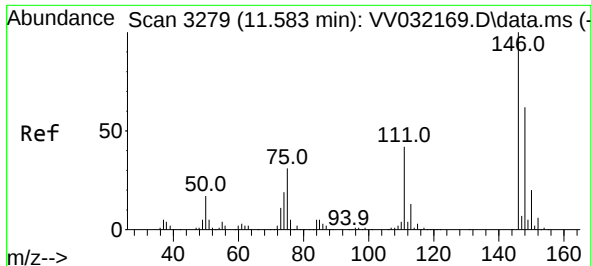
Ion Ratio Lower Upper

146 100

111 39.2 27.5 51.1

148 64.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 10.890 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

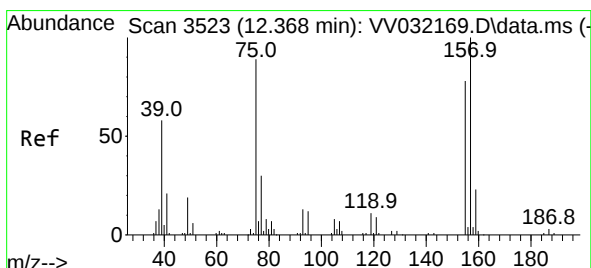
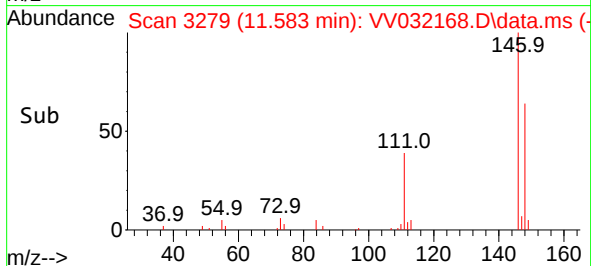
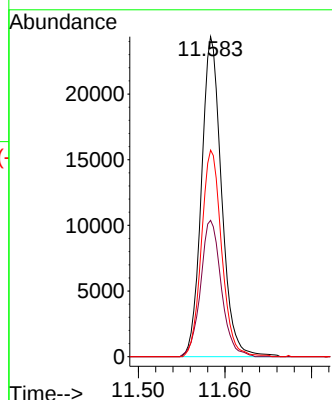
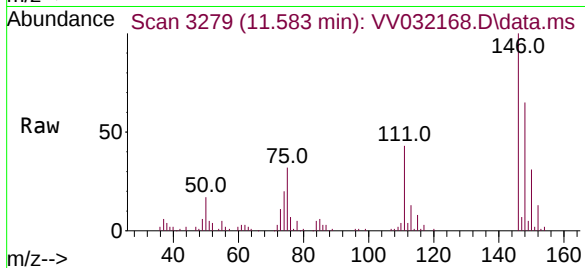
Tgt Ion:146 Resp: 39245

Ion Ratio Lower Upper

146 100

111 42.6 33.6 50.4

148 64.5 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 9.216 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

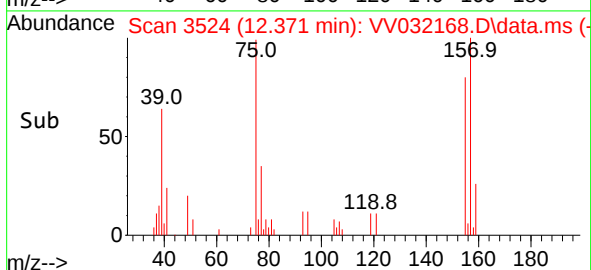
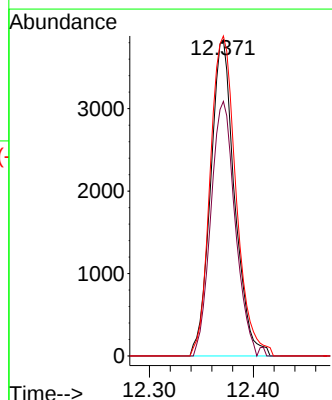
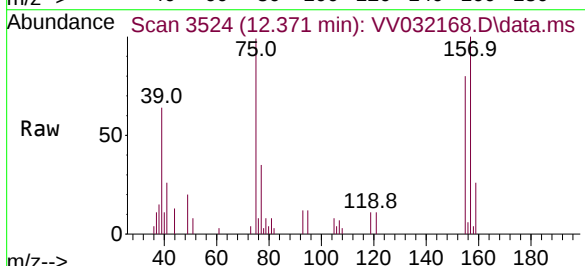
Tgt Ion: 75 Resp: 6163

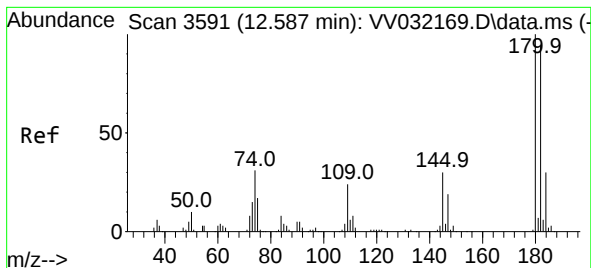
Ion Ratio Lower Upper

75 100

155 80.5 70.0 105.0

157 101.2 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 11.020 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. -0.000 min

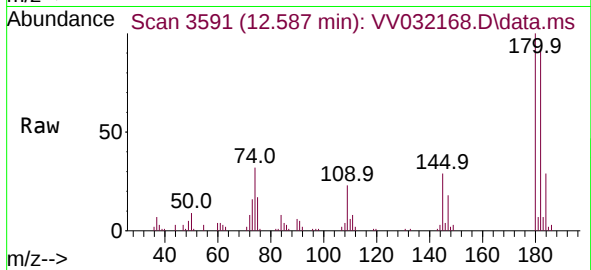
Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 28957

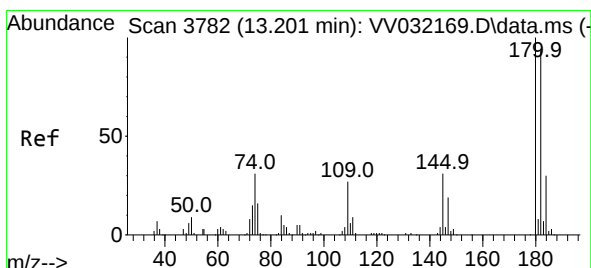
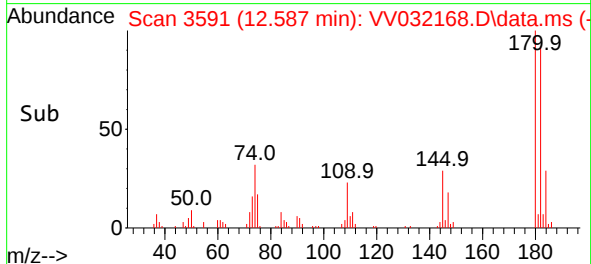
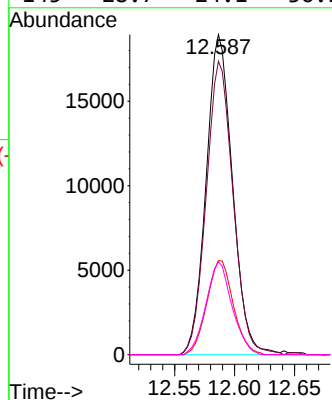
Ion Ratio Lower Upper

180 100

182 93.1 75.6 113.4

184 29.5 23.9 35.9

145 28.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 10.785 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

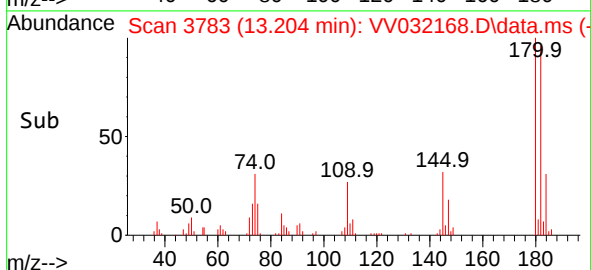
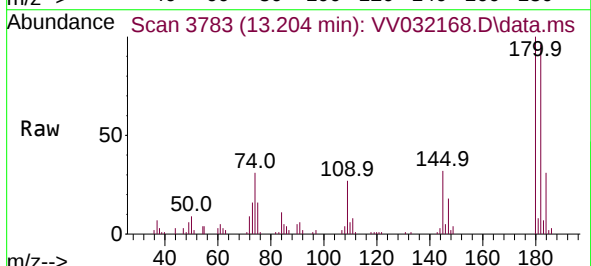
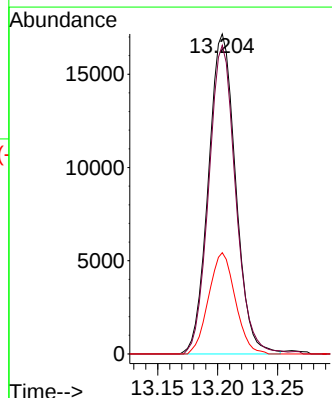
Tgt Ion:180 Resp: 27109

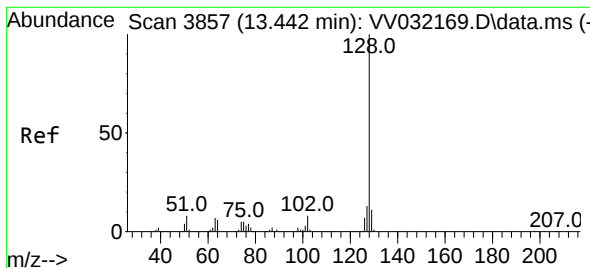
Ion Ratio Lower Upper

180 100

182 94.9 75.3 112.9

145 30.9 24.4 36.6





#71

Naphthalene

Concen: 13.267 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Instrument :

MSVOA_V

ClientSampleId :

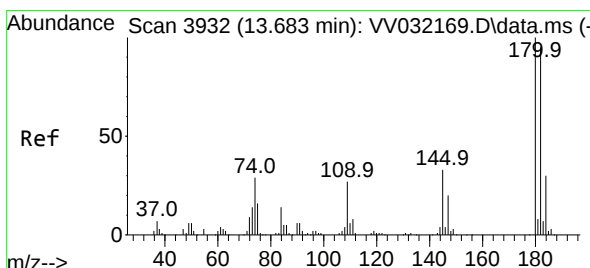
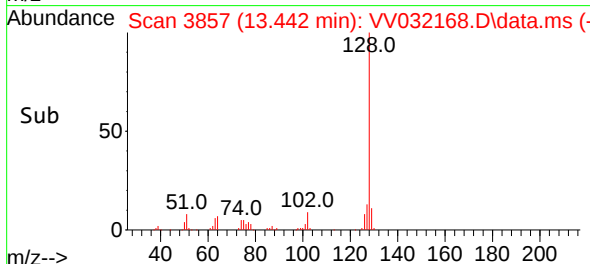
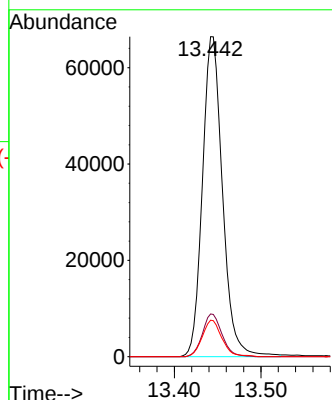
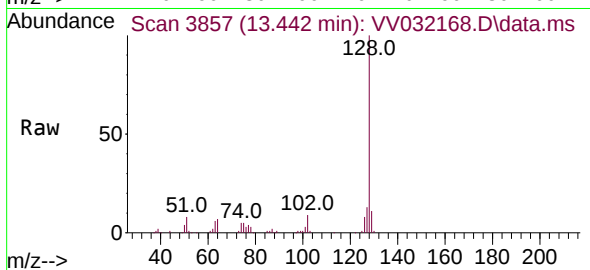
Tgt Ion:128 Resp: 106991

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 11.554 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

Lab File: VV032168.D

Acq: 25 Sep 2023 13:03

Tgt Ion:180 Resp: 28118

Ion Ratio Lower Upper

180 100

182 96.3 75.2 112.8

145 32.6 25.8 38.8

