

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032359.D
 Acq On : 10 Oct 2023 03:54
 Operator : SY/MD
 Sample : 04774-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 10 06:03:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	89826	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	88101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39702	5.435	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.600%		
7) Chloroethane-d5	1.532	69	31392	5.294	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.800%		
11) 1,1-Dichloroethene-d2	2.060	65	14694	4.769	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 95.400%		
20) 2-Butanone-d5	3.796	46	99870	54.041	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.080%		
24) Chloroform-d	4.252	84	63230	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	4.950	65	32229	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.600%		
32) Benzene-d6	4.966	84	118714	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 91.600%		
36) 1,2-Dichloropropane-d6	5.992	67	37993	4.423	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 88.400%		
41) Toluene-d8	7.246	98	109771	4.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.600%		
43) trans-1,3-Dichloroprop...	7.558	79	14479	4.757	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.200%		
46) 2-Hexanone-d5	8.027	63	88751	61.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 123.960%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33777	5.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.400%		
66) 1,2-Dichlorobenzene-d4	11.564	152	33883	4.383	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 87.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	58113	5.806	ug/L	99
3) Chloromethane	1.217	50	58783	5.825	ug/L	99
5) Vinyl chloride	1.285	62	56145	5.834	ug/L	98
6) Bromomethane	1.487	94	31442	5.408	ug/L	99
8) Chloroethane	1.548	64	34703	5.989	ug/L	100
9) Trichlorofluoromethane	1.716	101	64850	5.619	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38243	5.468	ug/L	98
12) 1,1-Dichloroethene	2.072	96	36028	5.469	ug/L	90
13) Acetone	2.124	43	82086	57.630	ug/L	100
14) Carbon disulfide	2.243	76	113165	4.914	ug/L	98
15) Methyl Acetate	2.381	43	18744	5.845	ug/L	94
16) Methylene chloride	2.449	84	44379	5.167	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	102047	5.690	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	41003	5.434	ug/L	99
19) 1,1-Dichloroethane	3.114	63	75577	5.324	ug/L	99
21) 2-Butanone	3.876	43	127256	57.131	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	52315	6.439	ug/L	95
23) Bromochloromethane	4.153	128	20527	6.005	ug/L	95
25) Chloroform	4.281	83	83750	6.013	ug/L	99

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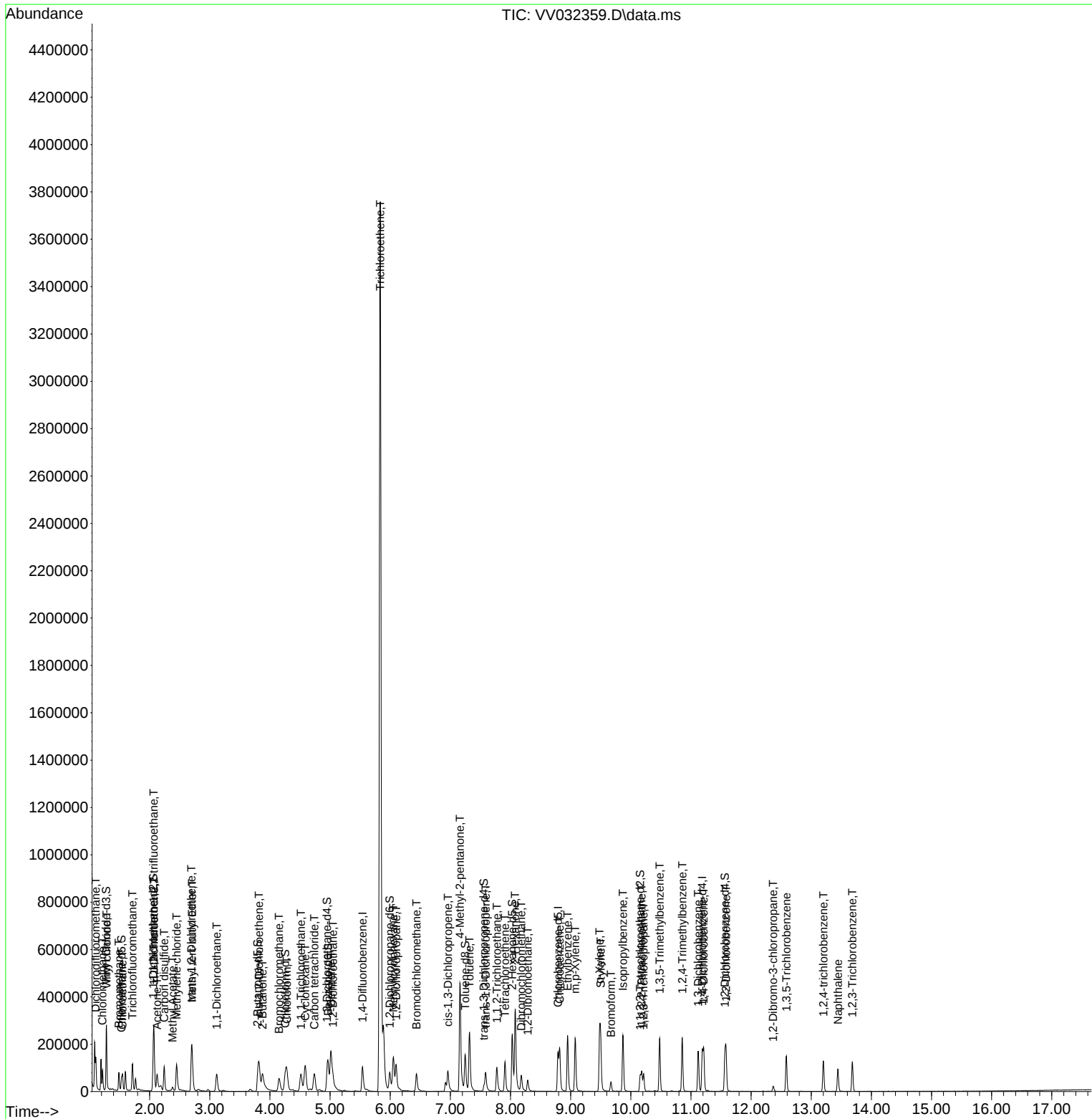
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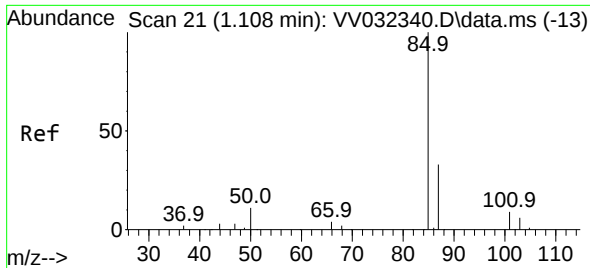
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	47343	5.754	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	60651	5.063	ug/L	98
30) Cyclohexane	4.587	56	58338	4.432	ug/L	99
31) Carbon tetrachloride	4.738	117	57741	5.697	ug/L	100
33) Benzene	5.014	78	167651	5.405	ug/L	100
34) Trichloroethene	5.834	95	1312579	155.011	ug/L	98
35) Methylcyclohexane	6.053	83	61185	4.669	ug/L	97
37) 1,2-Dichloropropane	6.098	63	46366	5.589	ug/L	99
38) Bromodichloromethane	6.436	83	56366	5.719	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	57812	4.897	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	334931	63.802	ug/L	100
42) Toluene	7.320	91	193252	5.844	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	48911	5.041	ug/L	95
45) 1,1,2-Trichloroethane	7.773	97	34918	5.967	ug/L	97
47) Tetrachloroethene	7.908	164	29143	4.538	ug/L	99
48) 2-Hexanone	8.079	43	241621	65.236	ug/L	99
49) Dibromochloromethane	8.182	129	34318	5.633	ug/L	98
50) 1,2-Dibromoethane	8.288	107	32181	5.814	ug/L	99
51) Chlorobenzene	8.818	112	97711	4.590	ug/L	99
52) Ethylbenzene	8.950	91	167451	4.548	ug/L	99
53) m,p-Xylene	9.075	106	64521	4.725	ug/L	98
54) o-Xylene	9.481	106	61324	4.660	ug/L	100
55) Styrene	9.500	104	99718	4.487	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	40341	6.265	ug/L	97
59) Bromoform	9.670	173	17956	5.927	ug/L	97
60) Isopropylbenzene	9.870	105	152891	4.722	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	29016	6.544	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	116743	4.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	119299	4.541	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	69607	4.500	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	69180	4.458	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	65647	4.654	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5331	5.884	ug/L	92
69) 1,3,5-Trichlorobenzene	12.587	180	44677	3.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	38611	3.843	ug/L	97
71) Naphthalene	13.445	128	74194	4.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	36717	4.241	ug/L	98

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

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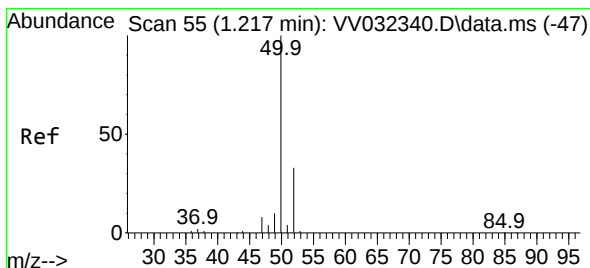
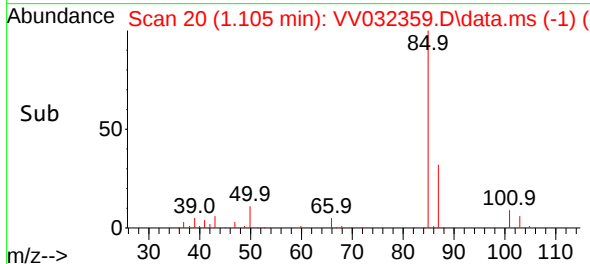
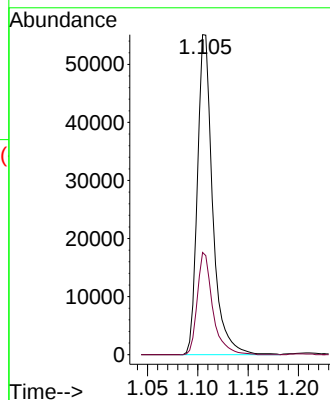
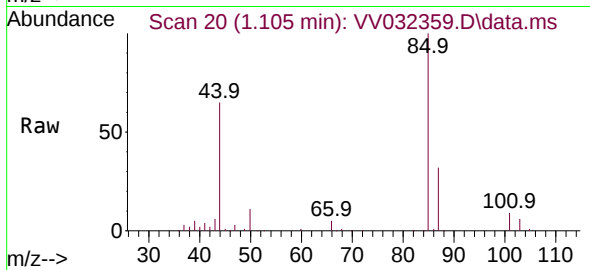




#2
 Dichlorodifluoromethane
 Concen: 5.806 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

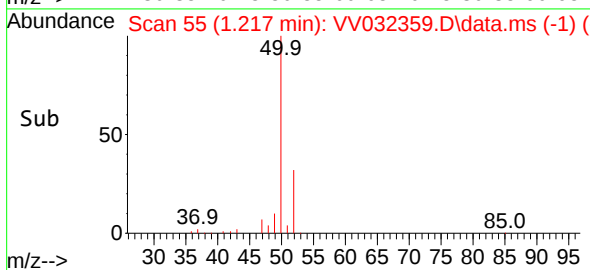
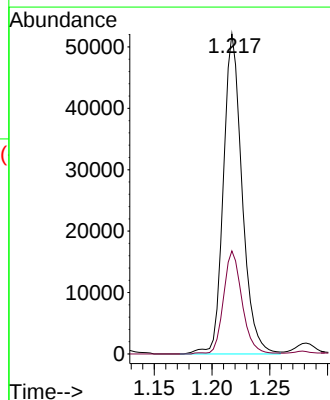
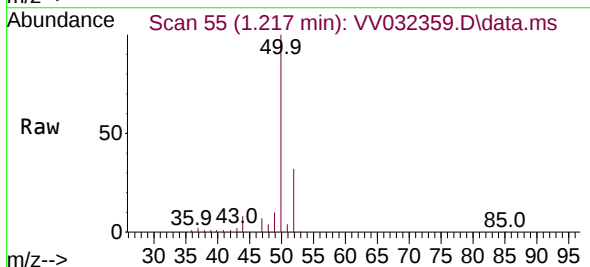
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 ClientSampleId :

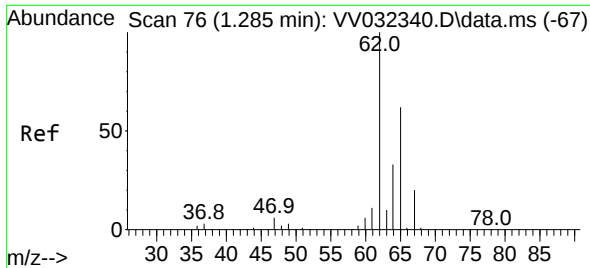
Tgt Ion: 85 Resp: 58113
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.5 38.3



#3
 Chloromethane
 Concen: 5.825 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

Tgt Ion: 50 Resp: 58783
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6

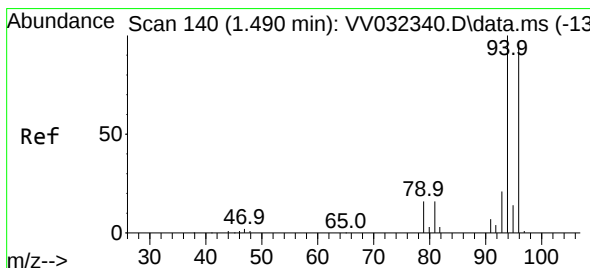
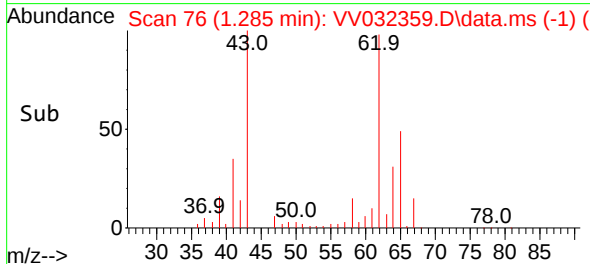
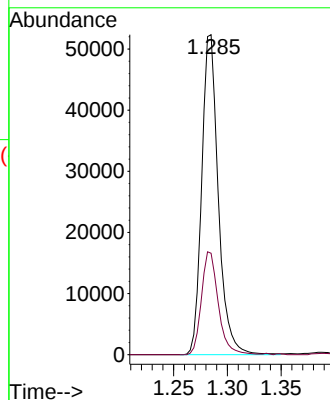
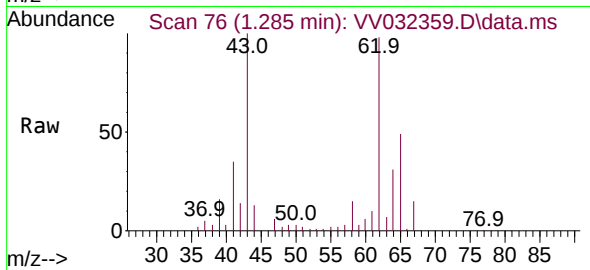




#5
 Vinyl chloride
 Concen: 5.834 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

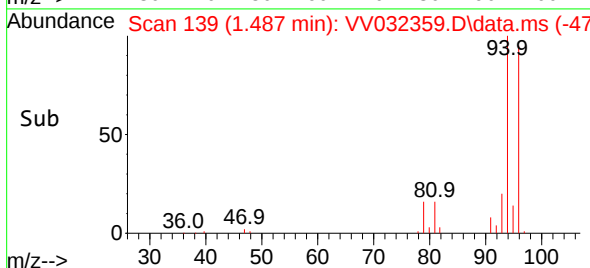
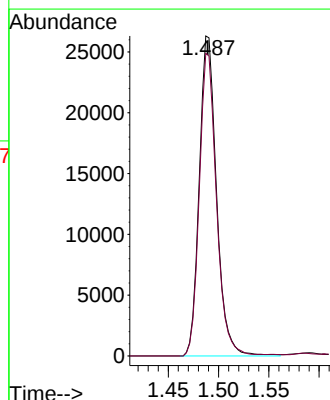
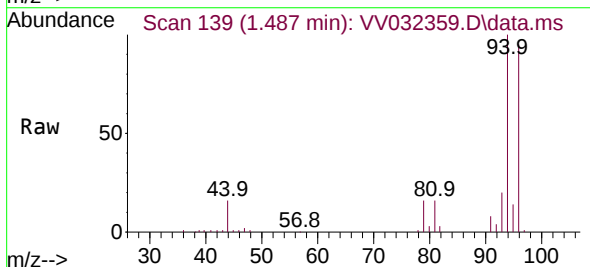
Instrument :
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 ClientSampleId :

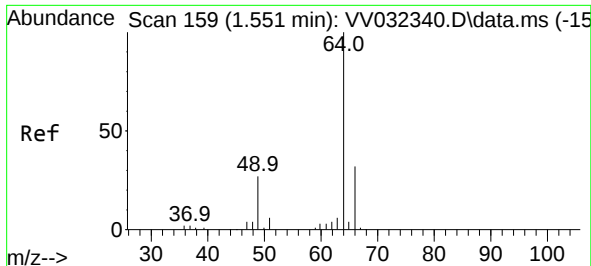
Tgt Ion: 62 Resp: 56145
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.1 42.9



#6
 Bromomethane
 Concen: 5.408 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

Tgt Ion: 94 Resp: 31442
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.8 124.2





#8

Chloroethane

Concen: 5.989 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

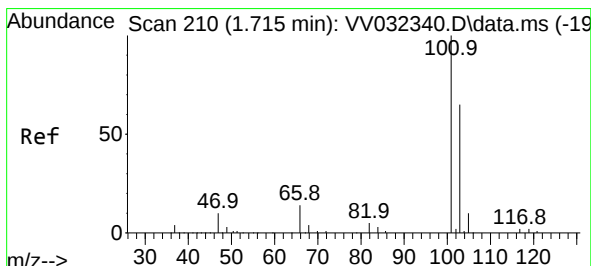
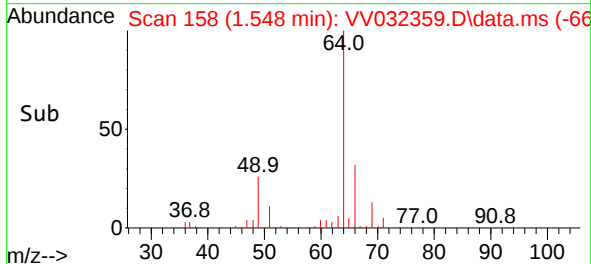
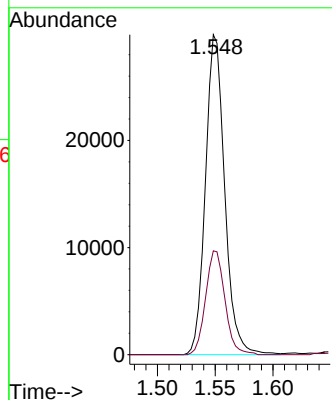
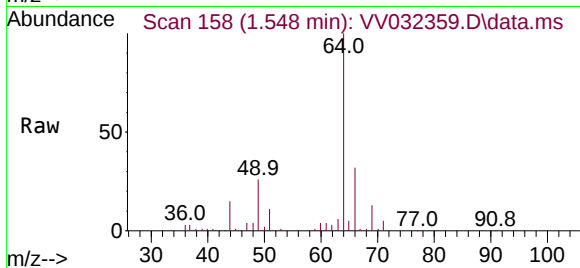
ClientSampleId :

Tgt Ion: 64 Resp: 34703

Ion Ratio Lower Upper

64 100

66 32.4 22.6 42.0



#9

Trichlorofluoromethane

Concen: 5.619 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.000 min

Lab File: VV032359.D

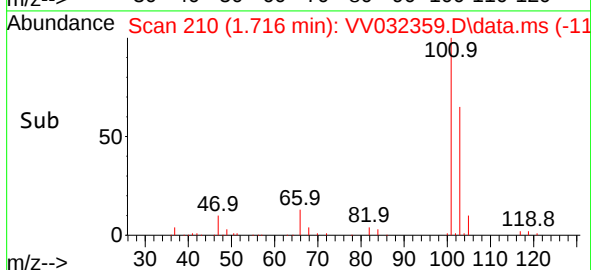
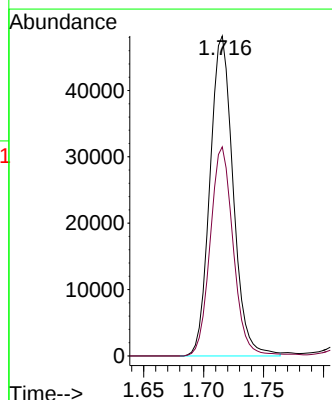
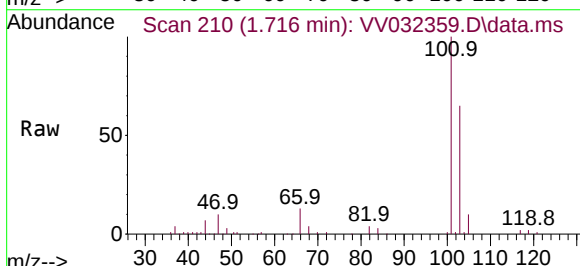
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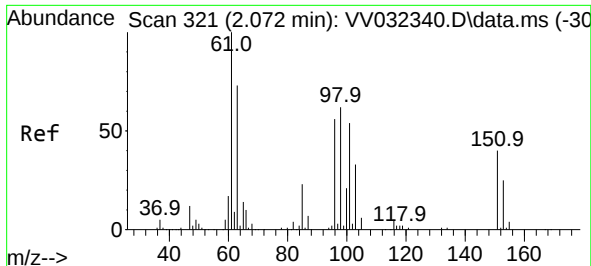
Tgt Ion:101 Resp: 64850

Ion Ratio Lower Upper

101 100

103 65.1 51.4 77.2

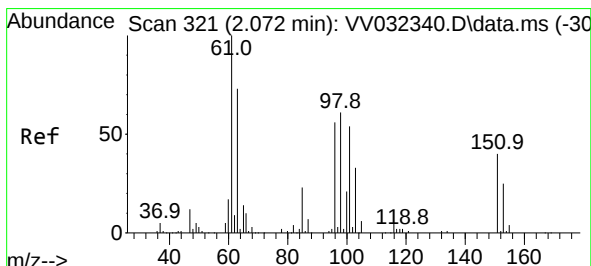
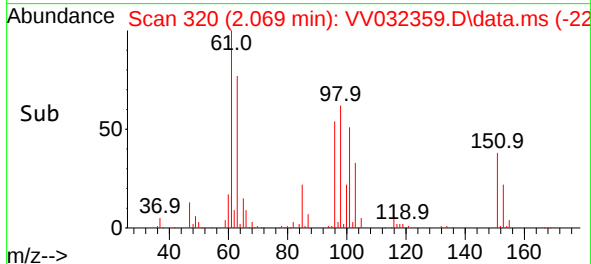
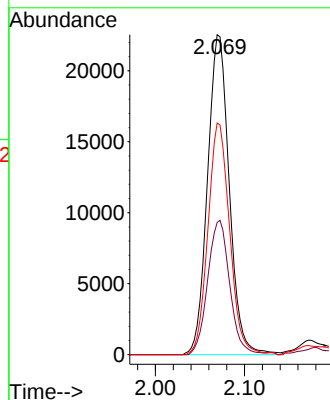
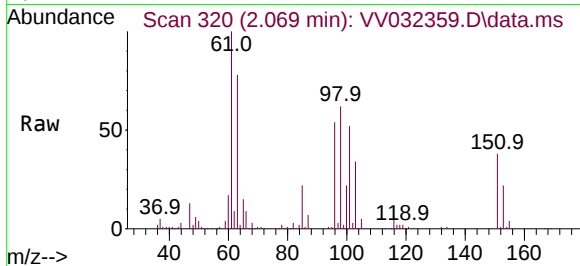




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.468 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

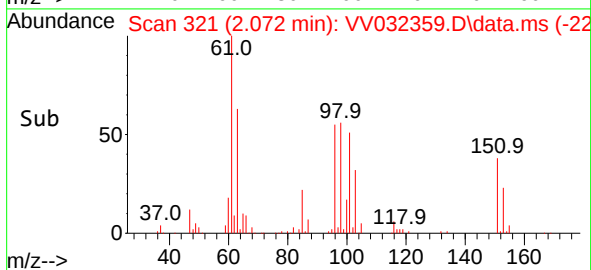
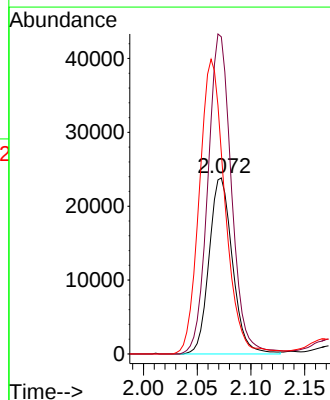
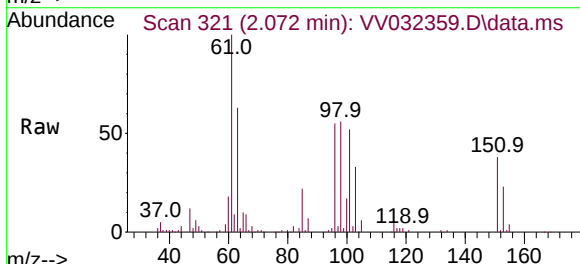
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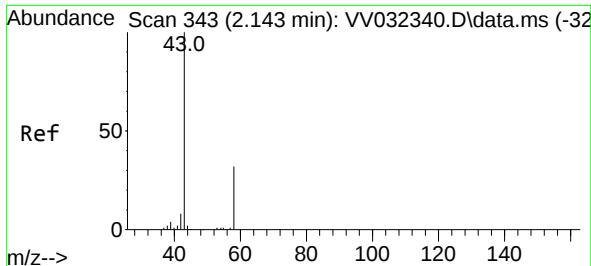
Tgt Ion:101 Resp: 38243
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.0 52.6
 151 72.2 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.469 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

Tgt Ion: 96 Resp: 36028
 Ion Ratio Lower Upper
 96 100
 61 180.2 127.3 236.3
 63 114.4 98.3 182.7





#13

Acetone

Concen: 57.630 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

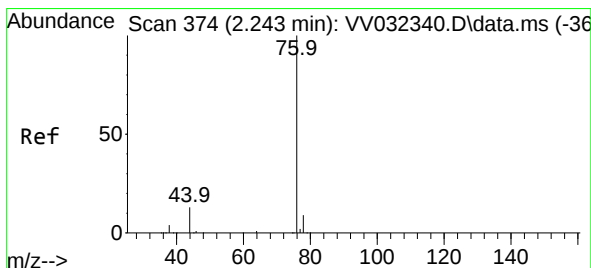
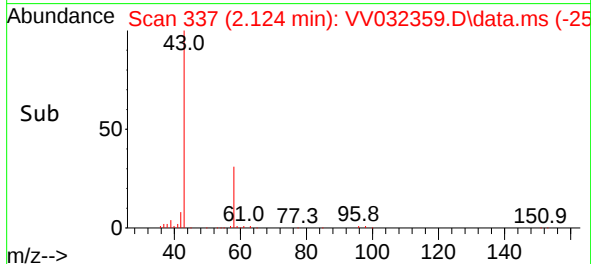
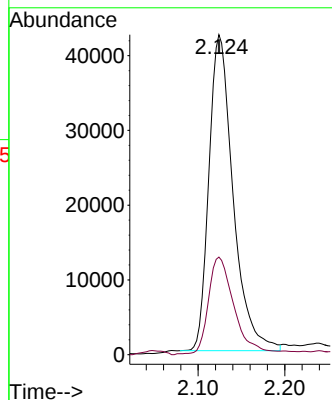
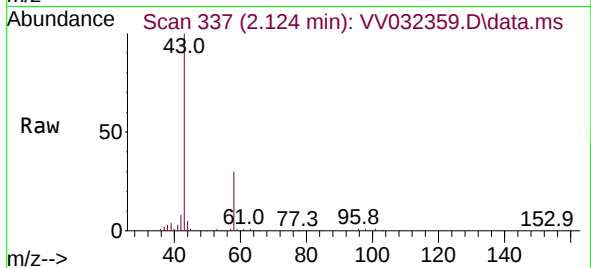
ClientSampleId :

Tgt Ion: 43 Resp: 82086

Ion Ratio Lower Upper

43 100

58 33.0 0.0 66.0



#14

Carbon disulfide

Concen: 4.914 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032359.D

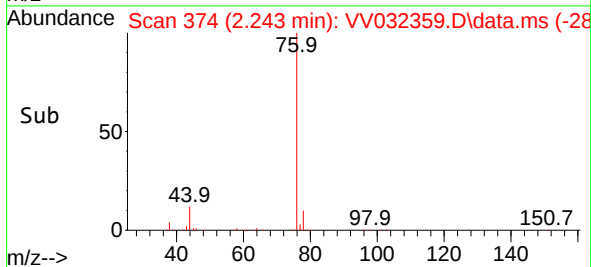
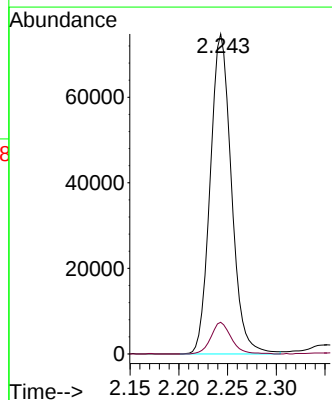
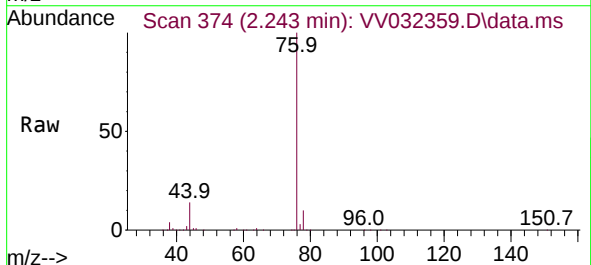
Acq: 10 Oct 2023 03:54

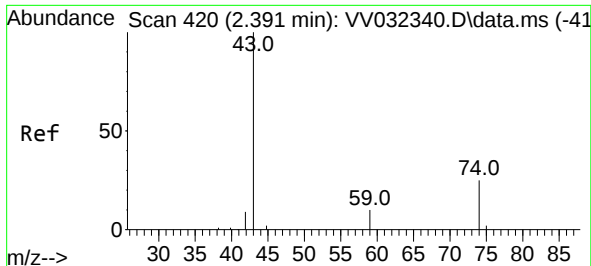
Tgt Ion: 76 Resp: 113165

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2

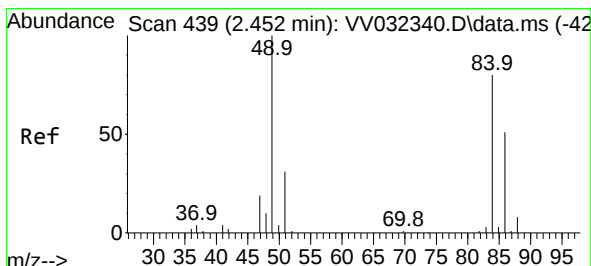
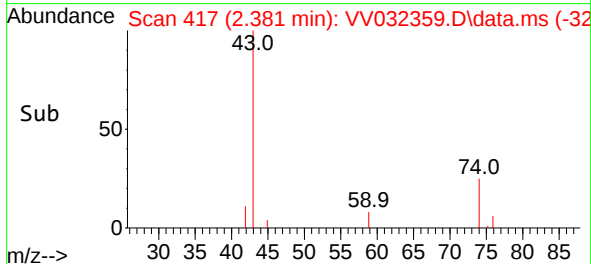
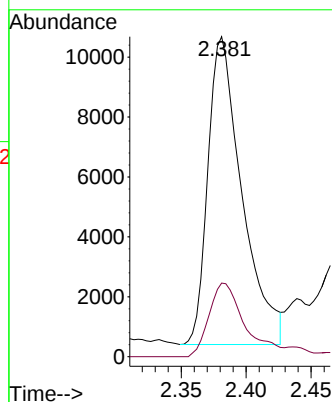
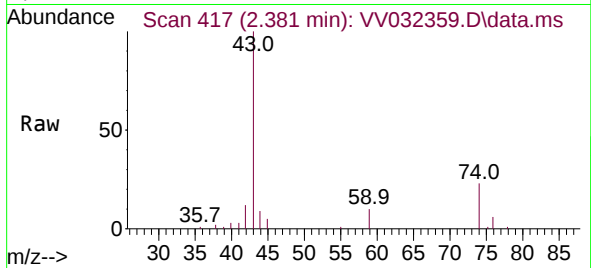




#15
Methyl Acetate
Concen: 5.845 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

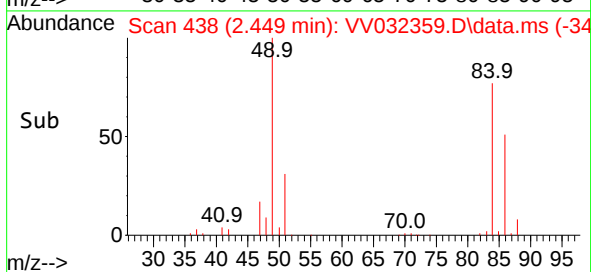
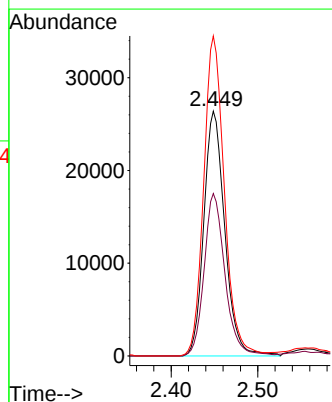
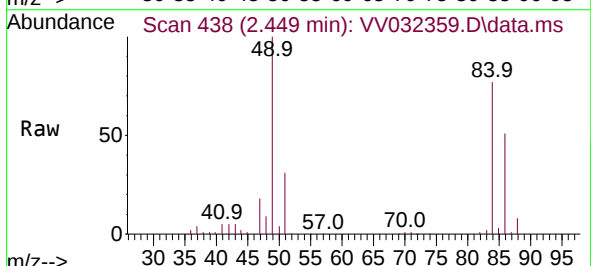
Instrument :
MSVOA_V
ClientSampleId :

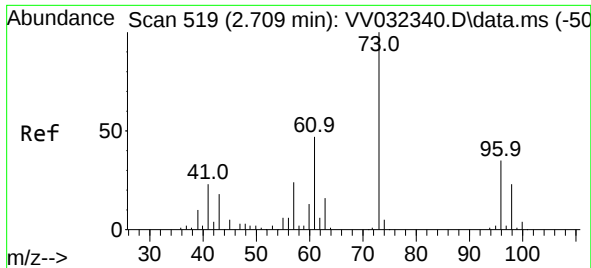
Tgt Ion: 43 Resp: 18744
Ion Ratio Lower Upper
43 100
74 25.2 18.0 27.0



#16
Methylene chloride
Concen: 5.167 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion: 84 Resp: 44379
Ion Ratio Lower Upper
84 100
86 66.3 43.2 80.2
49 130.7 86.3 160.3

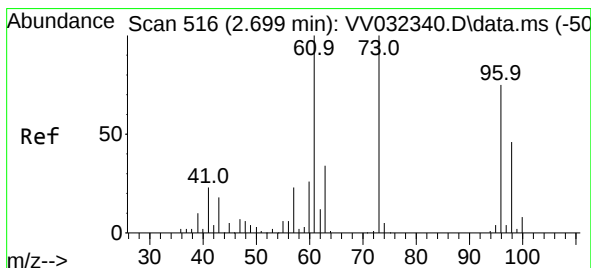
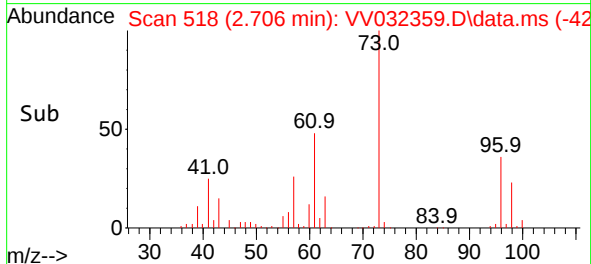
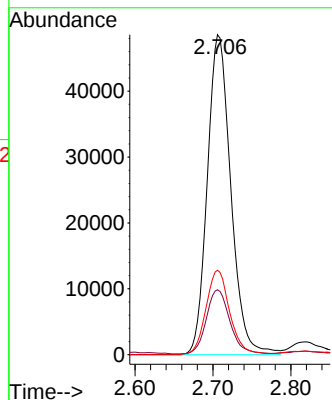
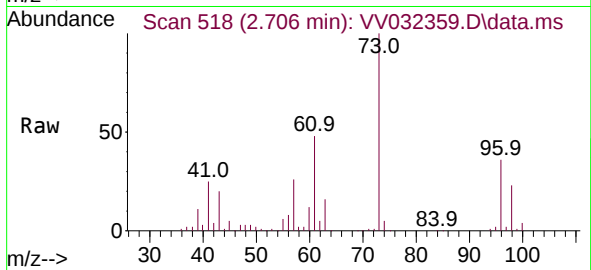




#17
Methyl tert-butyl Ether
Concen: 5.690 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

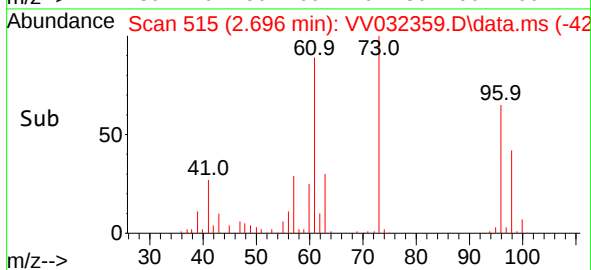
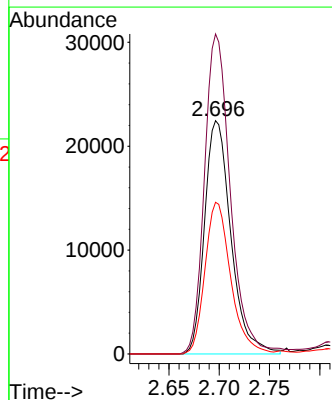
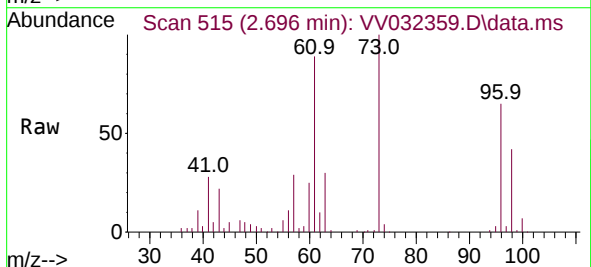
Instrument :
MSVOA_V
ClientSampleId :

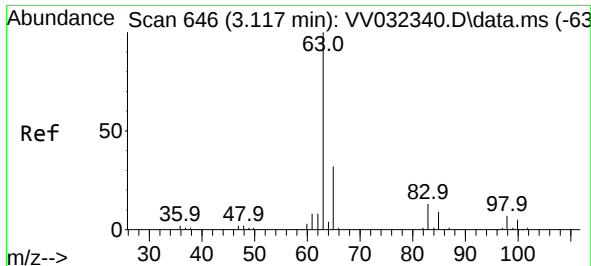
Tgt Ion: 73 Resp: 102047
Ion Ratio Lower Upper
73 100
43 20.0 15.1 22.7
57 26.6 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.434 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion: 96 Resp: 41003
Ion Ratio Lower Upper
96 100
61 137.2 96.9 180.1
98 65.0 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.324 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

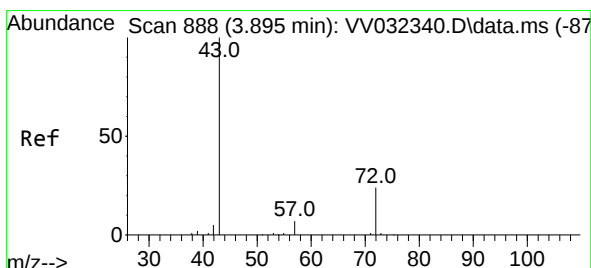
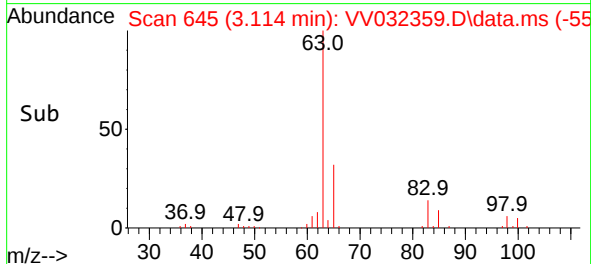
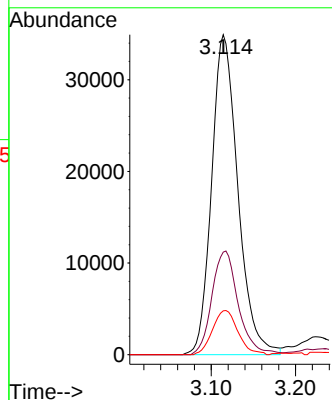
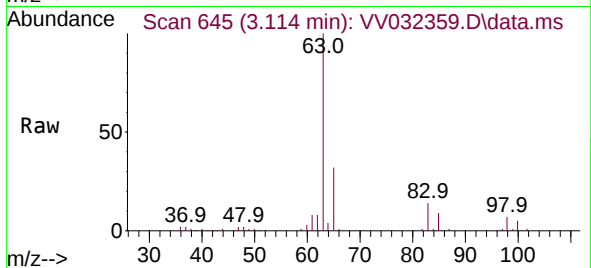
Tgt Ion: 63 Resp: 75577

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.5

83 13.7 9.0 16.6



#21

2-Butanone

Concen: 57.131 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.019 min

Lab File: VV032359.D

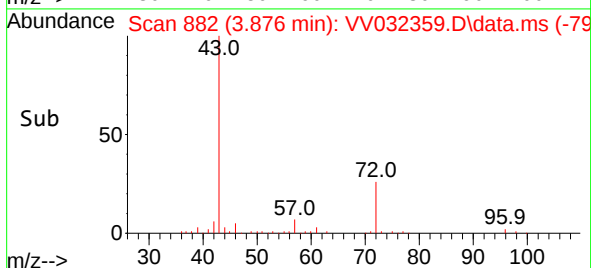
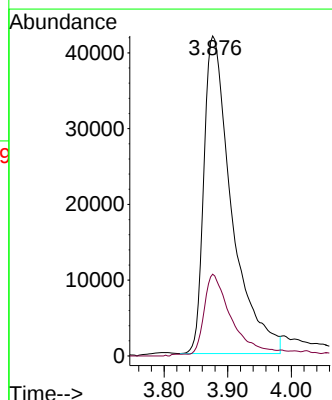
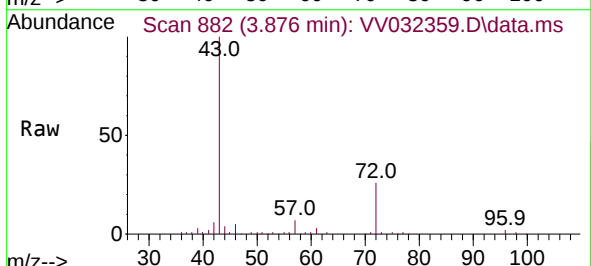
Acq: 10 Oct 2023 03:54

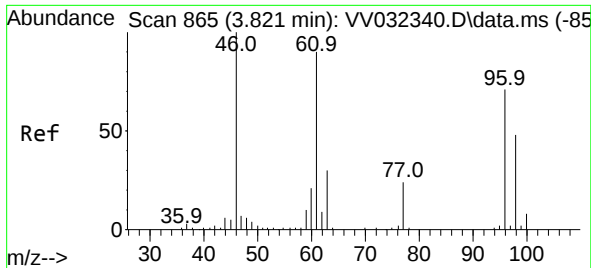
Tgt Ion: 43 Resp: 127256

Ion Ratio Lower Upper

43 100

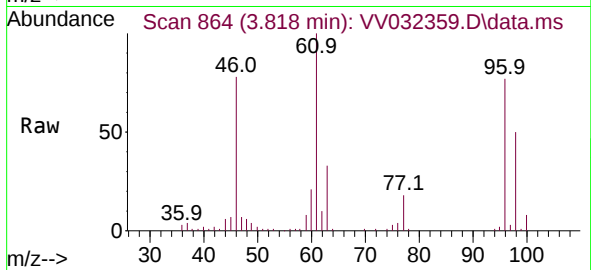
72 24.0 11.6 34.8





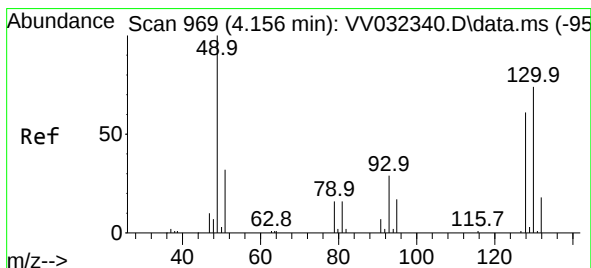
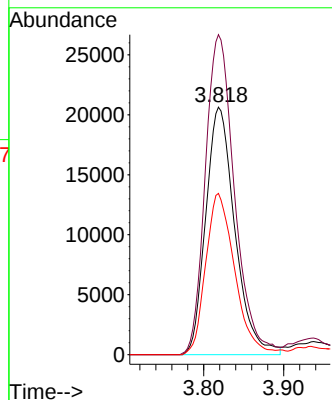
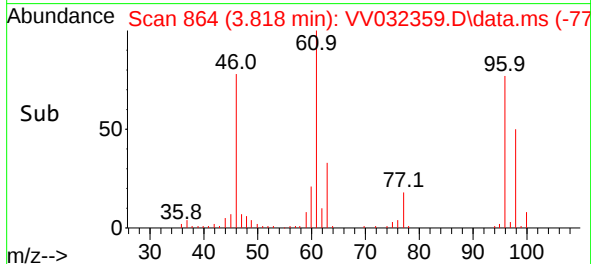
#22
 cis-1,2-Dichloroethene
 Concen: 6.439 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

Instrument :
 MSVOA_V
 ClientSampleId :

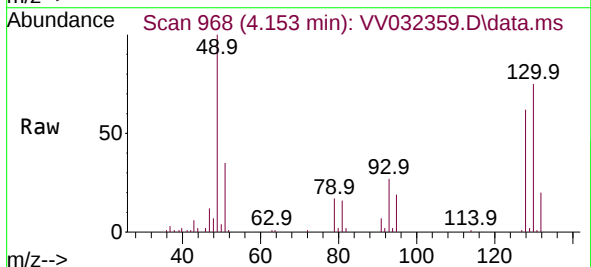


Tgt Ion: 96 Resp: 52315

Ion	Ratio	Lower	Upper
96	100		
61	129.3	85.8	159.4
98	65.2	44.0	81.6

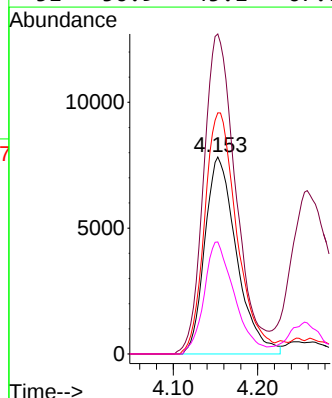
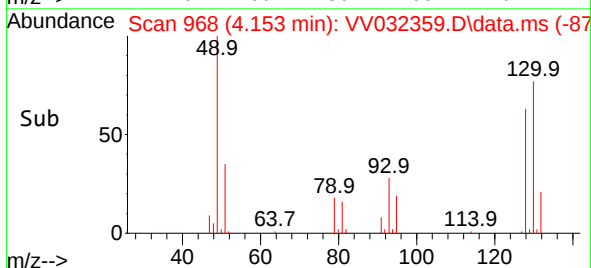


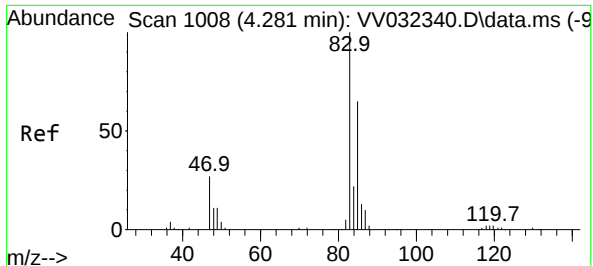
#23
 Bromochloromethane
 Concen: 6.005 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.003 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54



Tgt Ion: 128 Resp: 20527

Ion	Ratio	Lower	Upper
128	100		
49	162.5	121.2	225.0
130	122.5	88.2	163.8
51	56.9	45.1	67.7

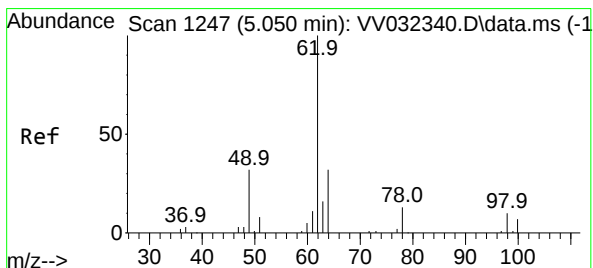
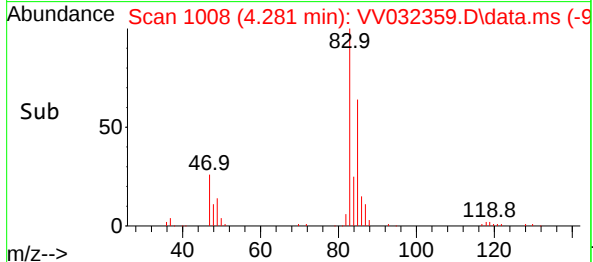
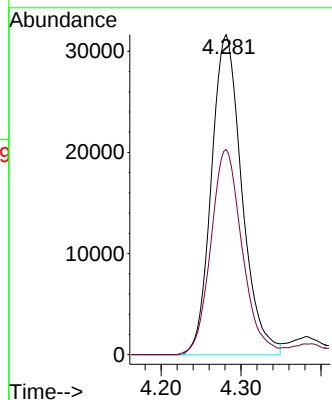
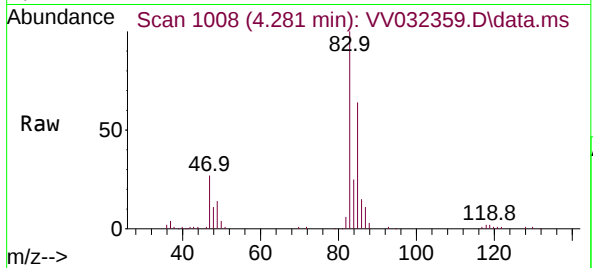




#25
Chloroform
Concen: 6.013 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

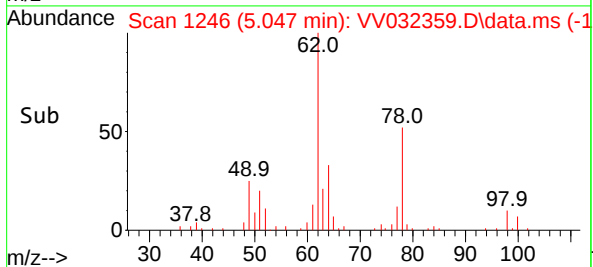
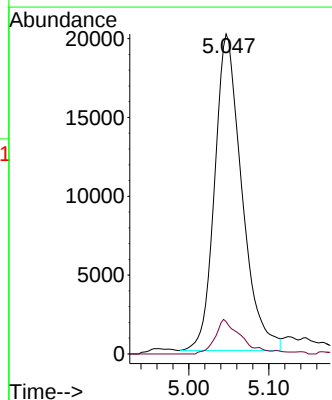
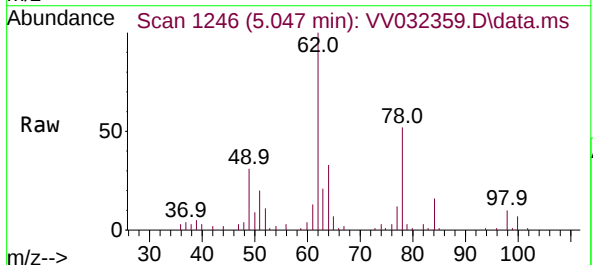
Instrument :
MSVOA_V
ClientSampleId :

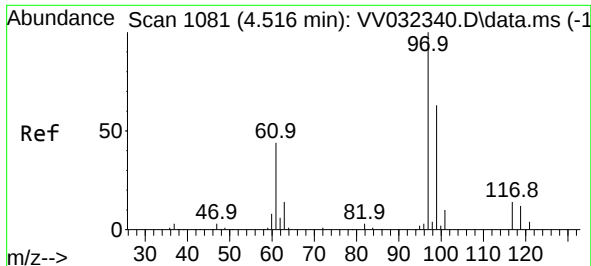
Tgt Ion: 83 Resp: 83750
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.754 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion: 62 Resp: 47343
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.063 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

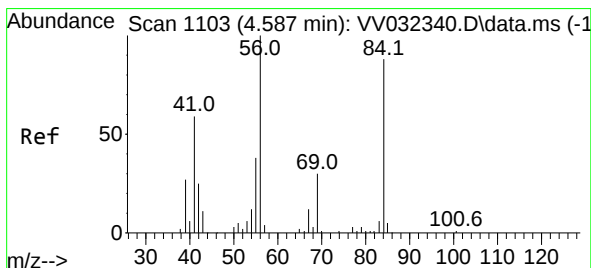
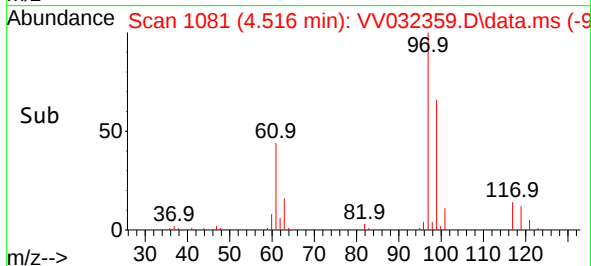
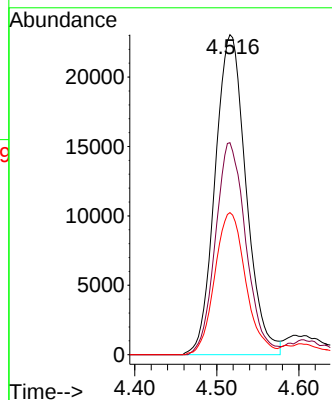
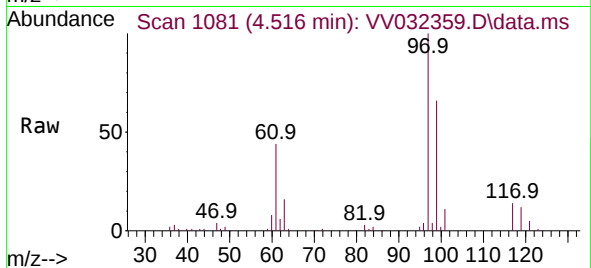
Tgt Ion: 97 Resp: 60651

Ion Ratio Lower Upper

97 100

99 65.3 50.1 75.1

61 44.4 35.1 52.7



#30

Cyclohexane

Concen: 4.432 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

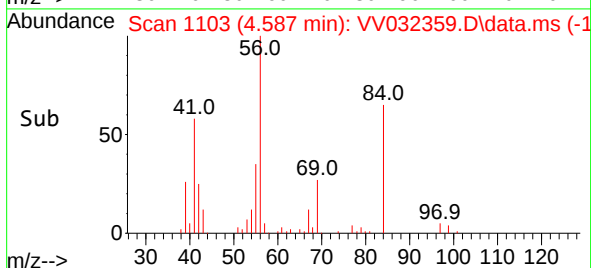
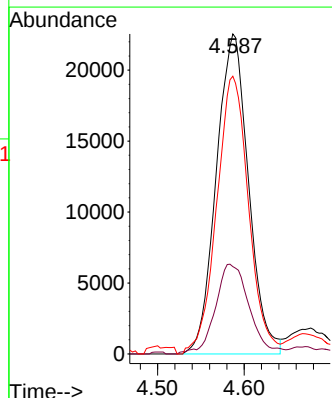
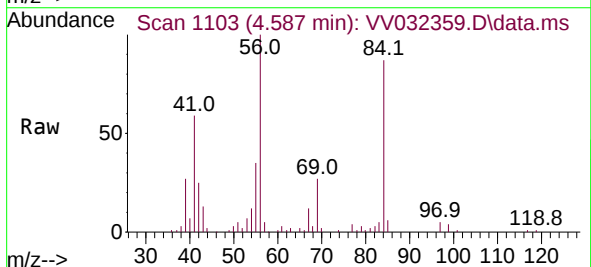
Tgt Ion: 56 Resp: 58338

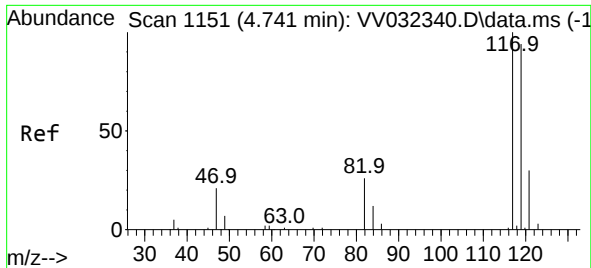
Ion Ratio Lower Upper

56 100

69 29.3 24.2 36.2

84 85.7 68.1 102.1

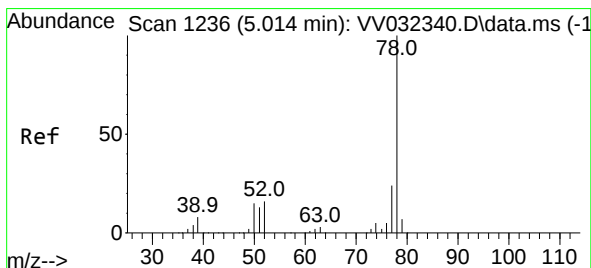
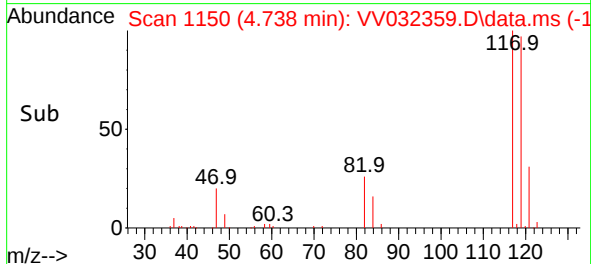
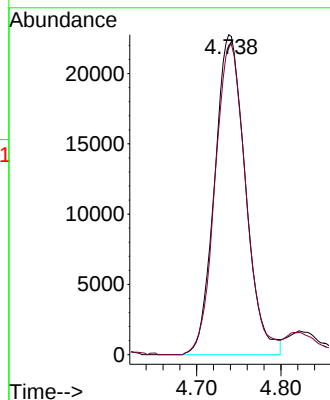
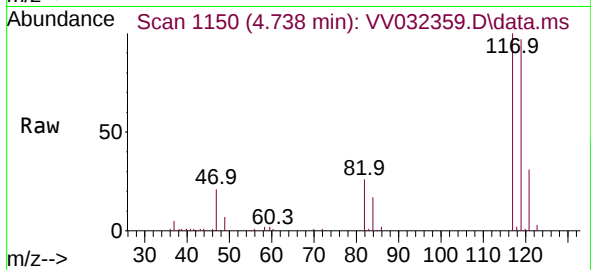




#31
Carbon tetrachloride
Concen: 5.697 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

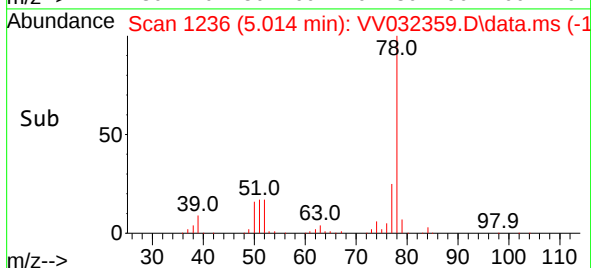
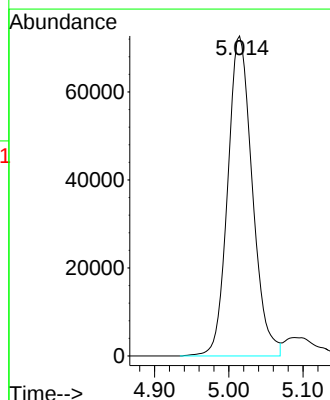
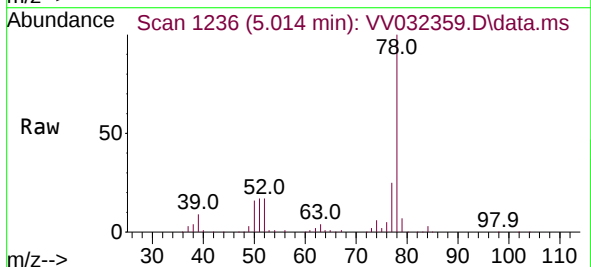
Instrument :
MSVOA_V
ClientSampleId :

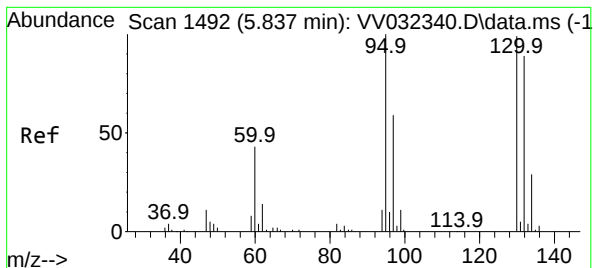
Tgt Ion:117 Resp: 57741
Ion Ratio Lower Upper
117 100
119 97.2 77.6 116.4



#33
Benzene
Concen: 5.405 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion: 78 Resp: 167651





#34

Trichloroethene

Concen: 155.011 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1312579

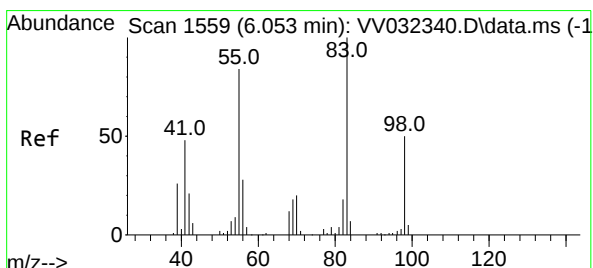
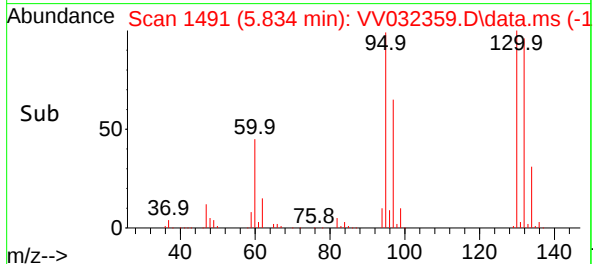
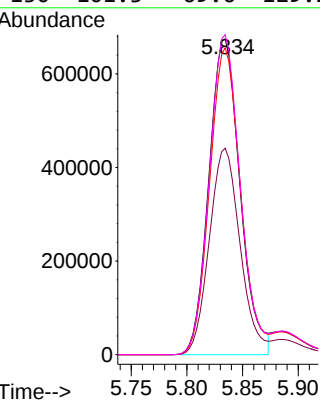
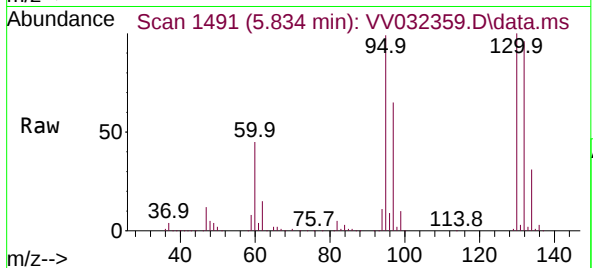
Ion Ratio Lower Upper

95 100

97 65.4 45.7 84.9

132 97.2 70.3 130.5

130 101.3 69.6 129.2



#35

Methylcyclohexane

Concen: 4.669 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

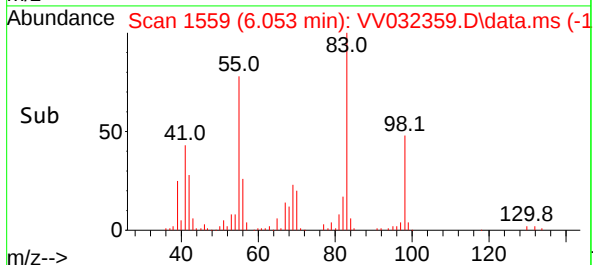
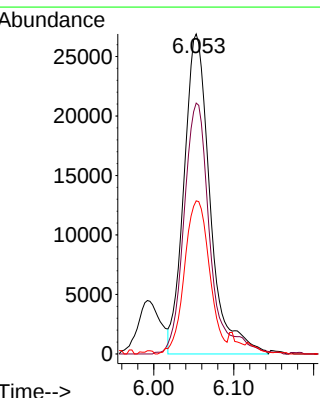
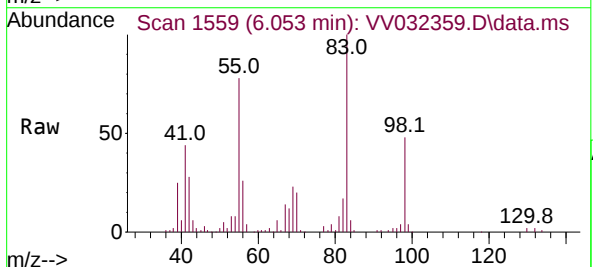
Tgt Ion: 83 Resp: 61185

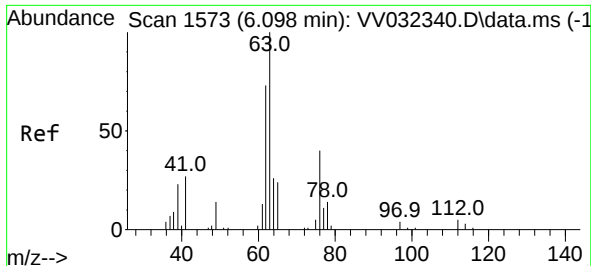
Ion Ratio Lower Upper

83 100

55 78.1 64.2 96.2

98 46.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.589 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

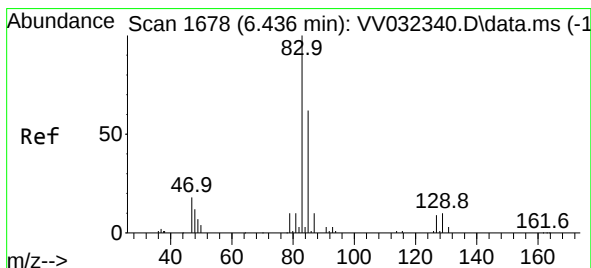
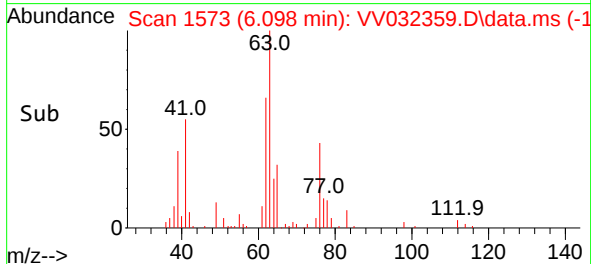
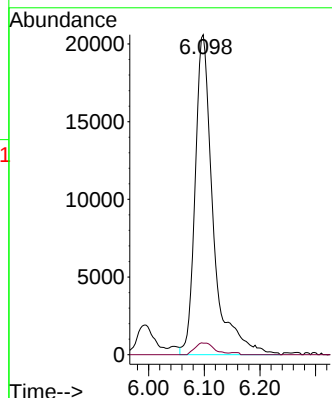
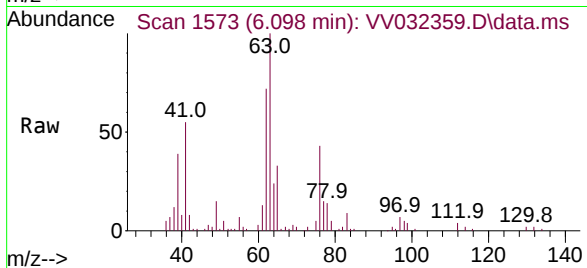
ClientSampleId :

Tgt Ion: 63 Resp: 46366

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 5.719 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

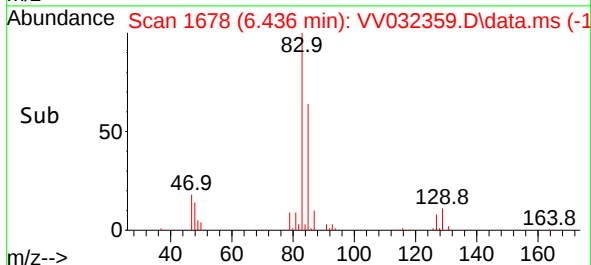
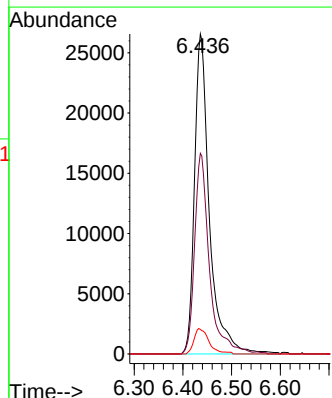
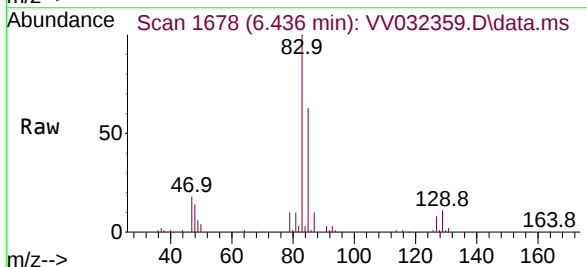
Tgt Ion: 83 Resp: 56366

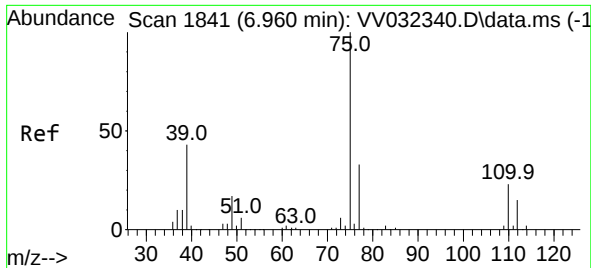
Ion Ratio Lower Upper

83 100

85 62.7 44.9 83.3

127 7.7 6.9 10.3

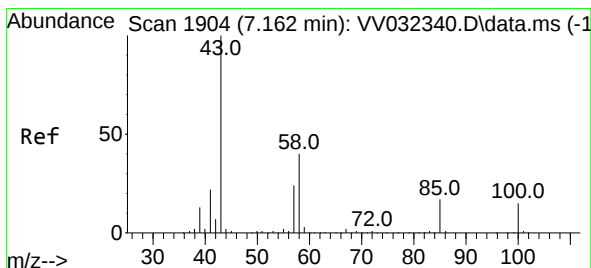
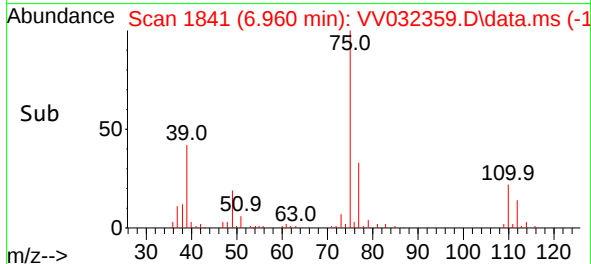
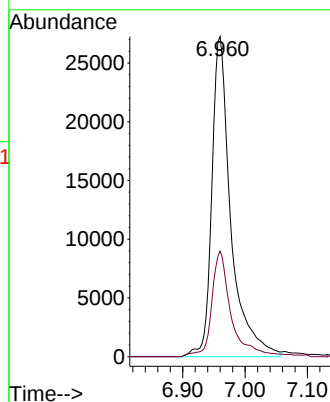
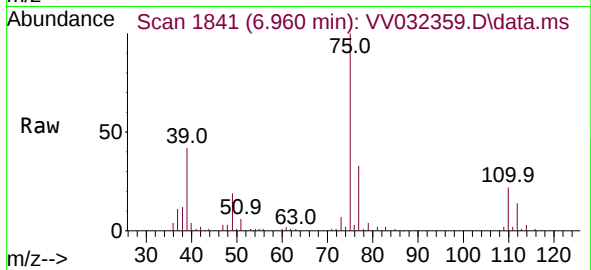




#39
 cis-1,3-Dichloropropene
 Concen: 4.897 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

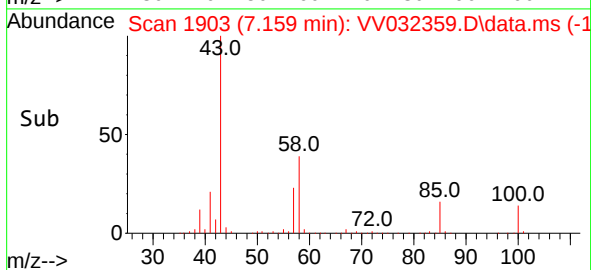
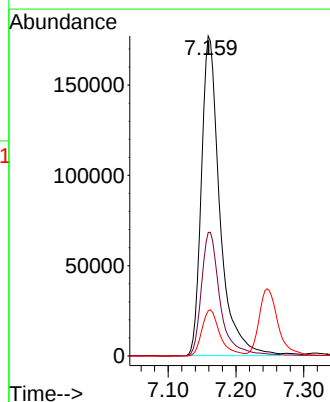
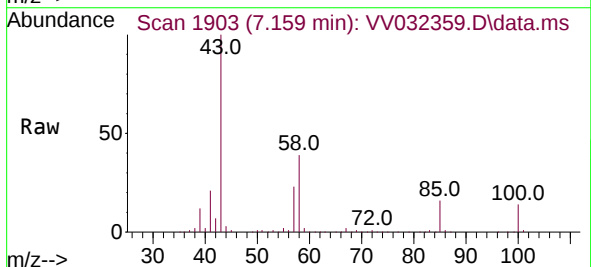
Instrument :
 MSVOA_V
 ClientSampleId :

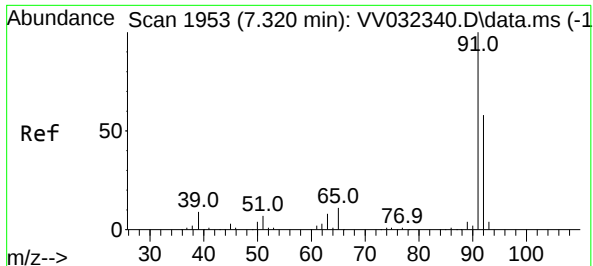
Tgt Ion: 75 Resp: 57812
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 63.802 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.003 min
 Lab File: VV032359.D
 Acq: 10 Oct 2023 03:54

Tgt Ion: 43 Resp: 334931
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.9 47.9
 100 14.2 11.3 16.9





#42

Toluene

Concen: 5.844 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

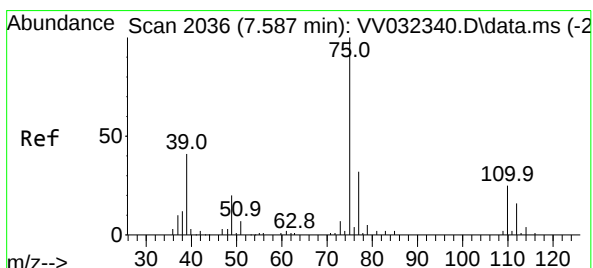
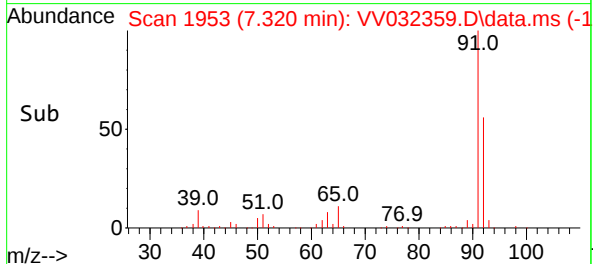
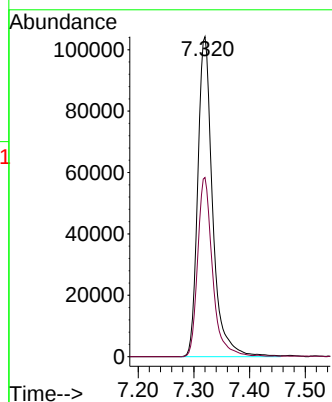
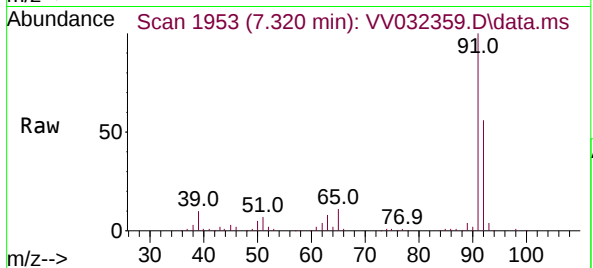
ClientSampleId :

Tgt Ion: 91 Resp: 193252

Ion Ratio Lower Upper

91 100

92 56.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.041 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032359.D

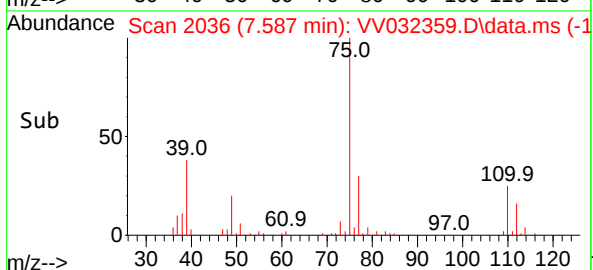
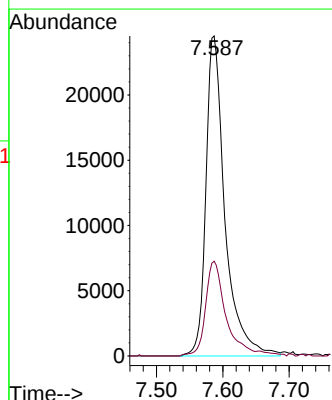
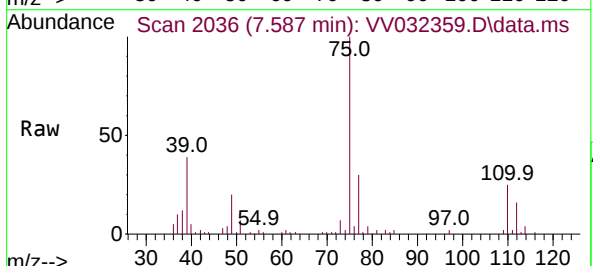
Acq: 10 Oct 2023 03:54

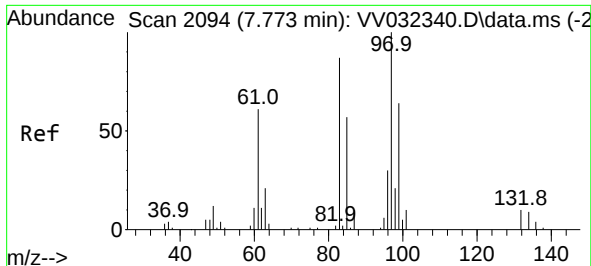
Tgt Ion: 75 Resp: 48911

Ion Ratio Lower Upper

75 100

77 29.6 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.967 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 34918

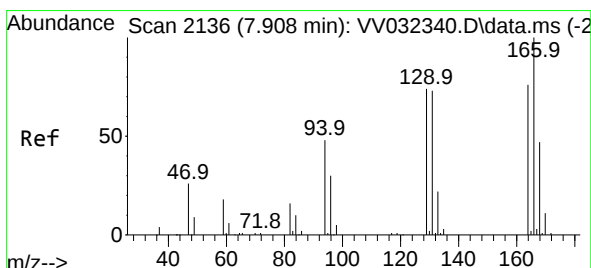
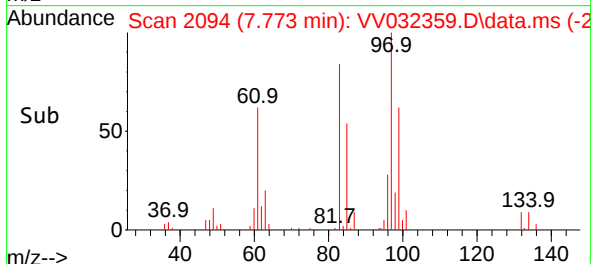
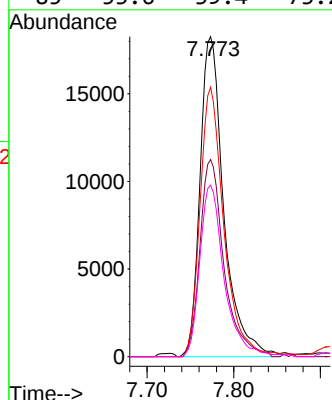
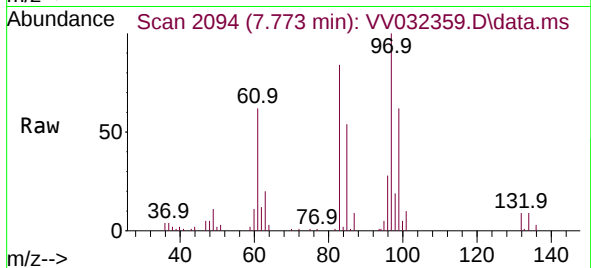
Ion Ratio Lower Upper

97 100

99 61.6 42.8 79.4

83 84.2 60.9 113.1

85 53.6 39.4 73.2



#47

Tetrachloroethene

Concen: 4.538 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Tgt Ion: 164 Resp: 29143

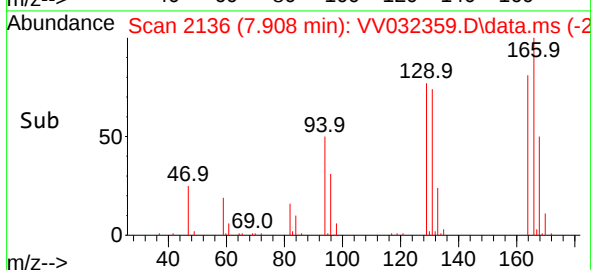
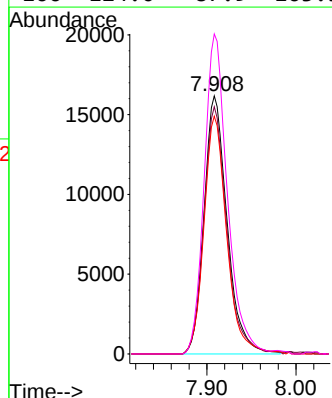
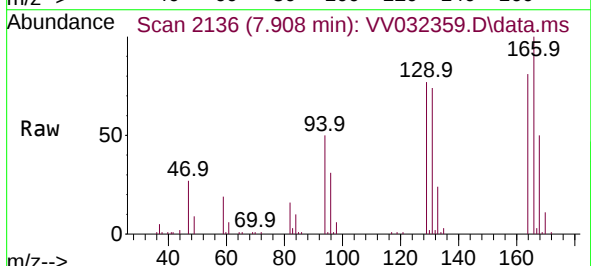
Ion Ratio Lower Upper

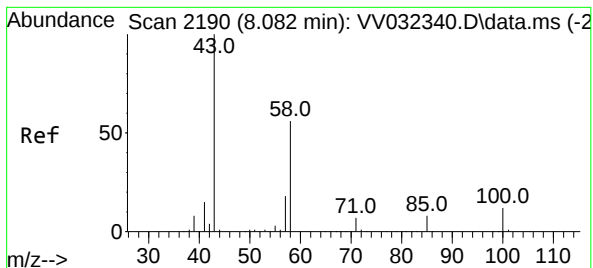
164 100

129 95.8 66.4 123.4

131 92.1 63.7 118.3

166 124.0 87.9 163.3





#48

2-Hexanone

Concen: 65.236 ug/L

RT: 8.079 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 241621

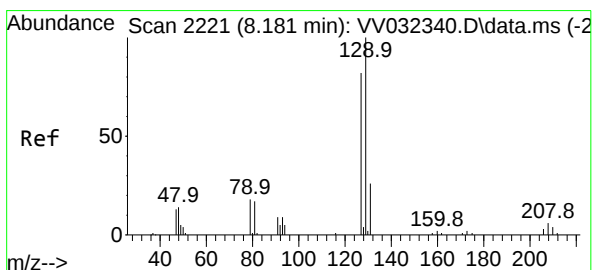
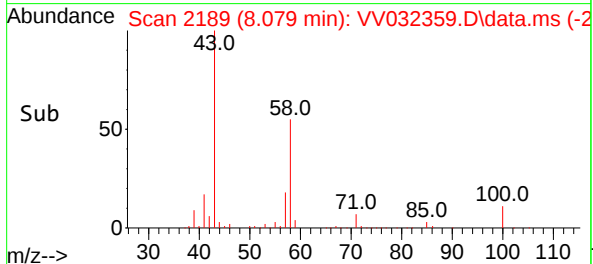
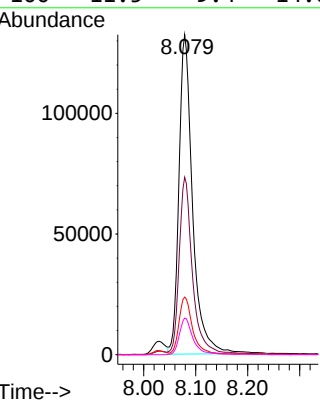
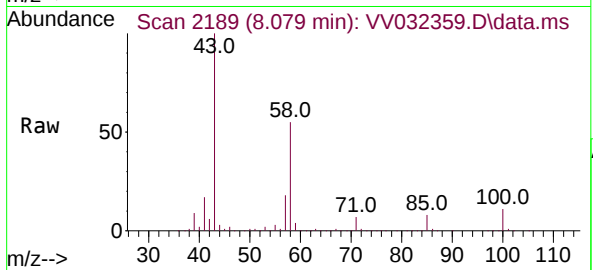
Ion Ratio Lower Upper

43 100

58 54.3 43.6 65.4

57 17.7 14.6 22.0

100 11.5 9.4 14.0



#49

Dibromochloromethane

Concen: 5.633 ug/L

RT: 8.182 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV032359.D

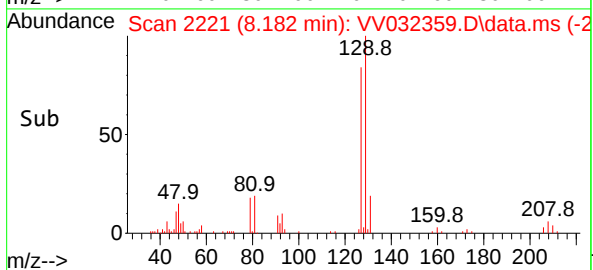
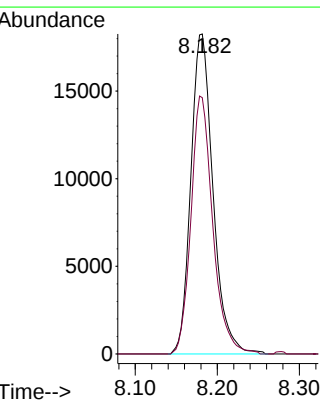
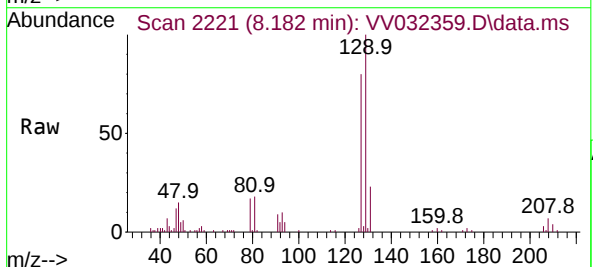
Acq: 10 Oct 2023 03:54

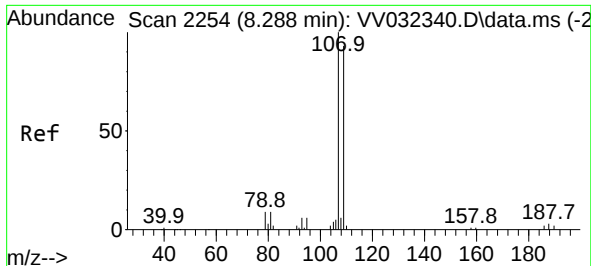
Tgt Ion: 129 Resp: 34318

Ion Ratio Lower Upper

129 100

127 80.1 57.2 106.2





#50

1,2-Dibromoethane

Concen: 5.814 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032359.D

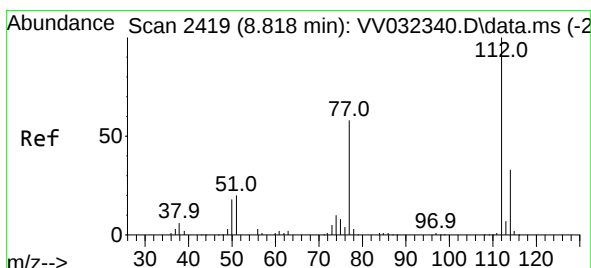
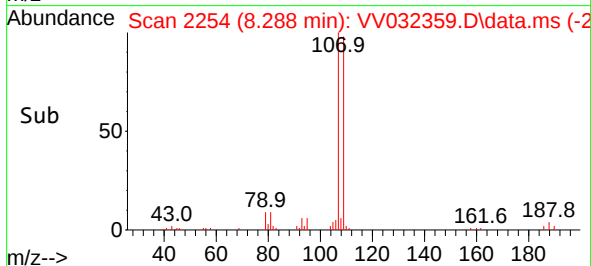
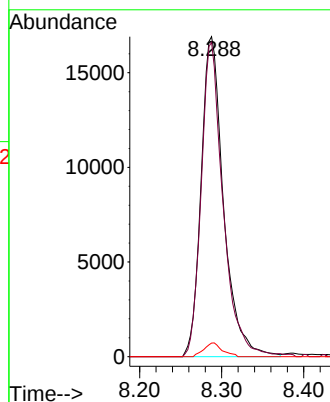
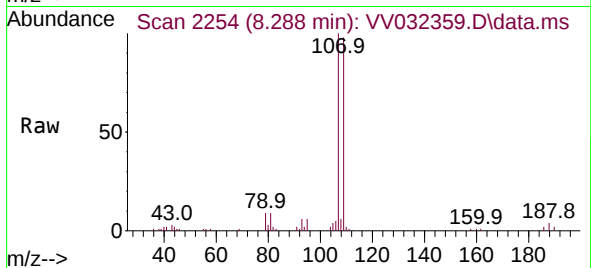
Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	32181
Ion	Ratio	Lower	Upper
107	100		
109	98.2	68.4	127.0
188	4.2	3.2	4.8



#51

Chlorobenzene

Concen: 4.590 ug/L

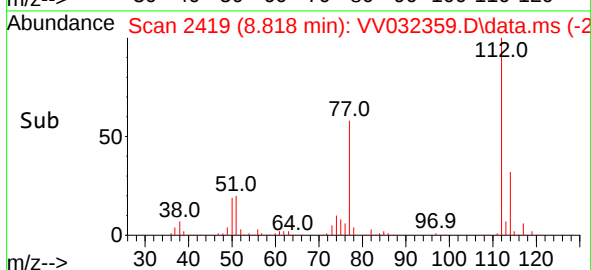
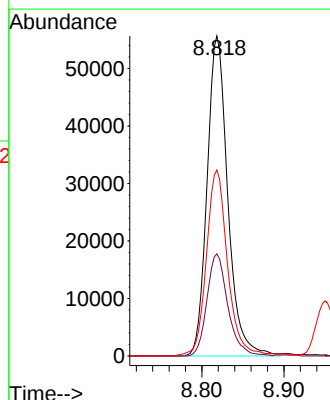
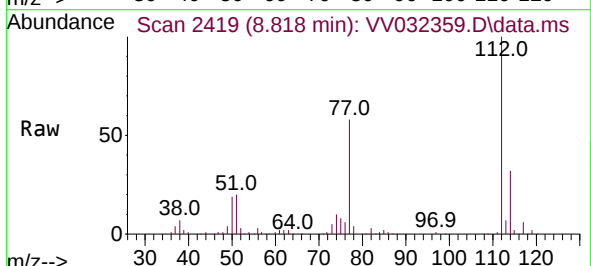
RT: 8.818 min Scan# 2419

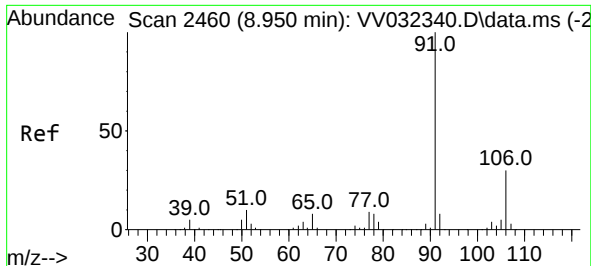
Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Tgt Ion:	112	Resp:	97711
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.1	41.1
77	58.2	46.1	69.1

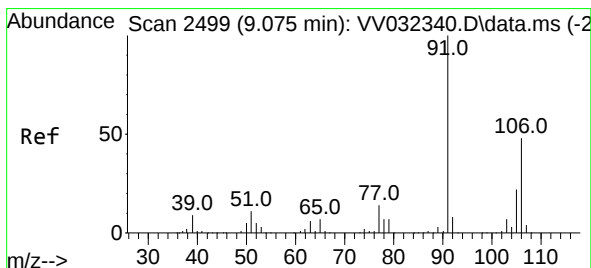
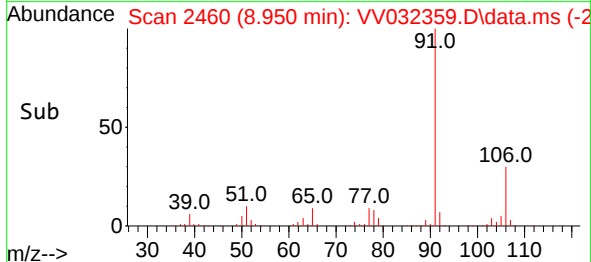
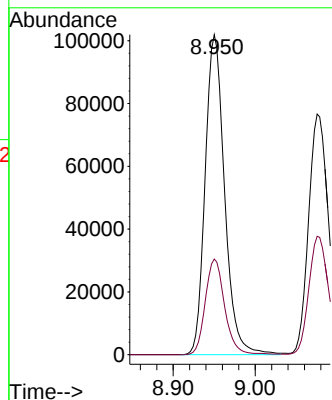
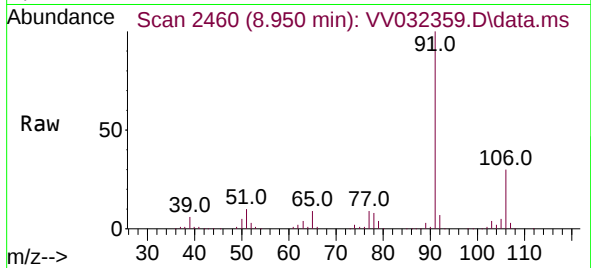




#52
Ethylbenzene
Concen: 4.548 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

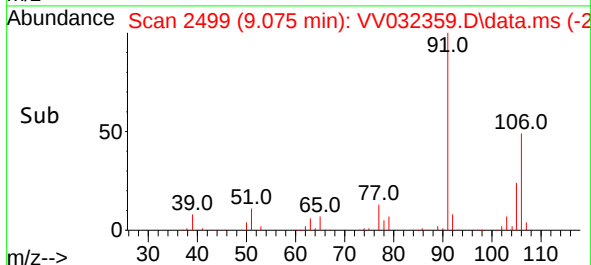
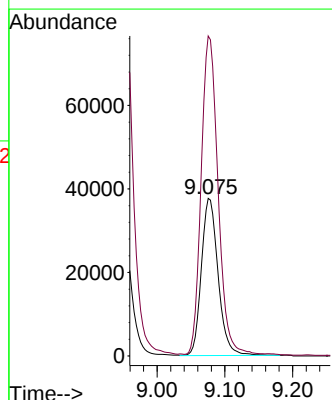
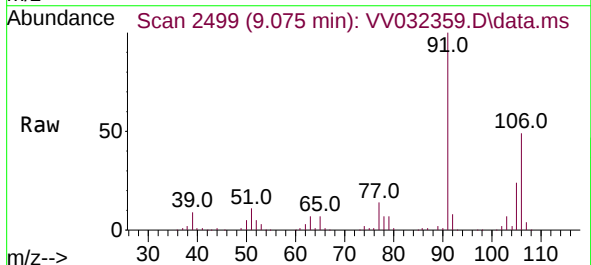
Instrument :
MSVOA_V
ClientSampleId :

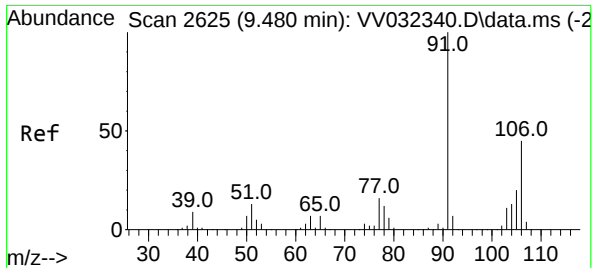
Tgt Ion: 91 Resp: 167451
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 4.725 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion: 106 Resp: 64521
Ion Ratio Lower Upper
106 100
91 203.1 144.5 268.3

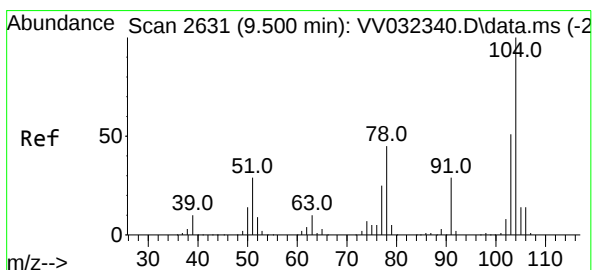
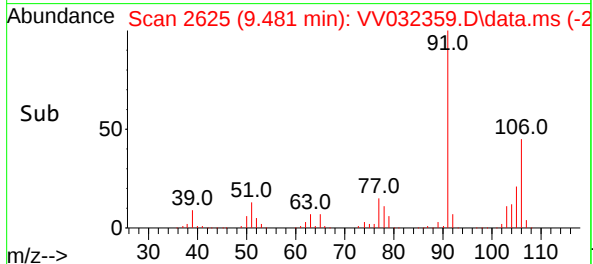
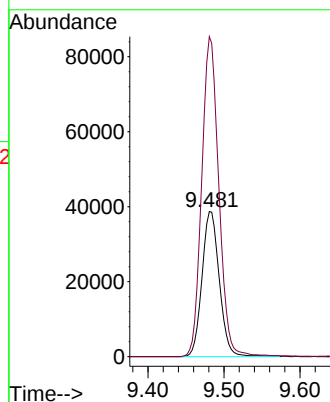
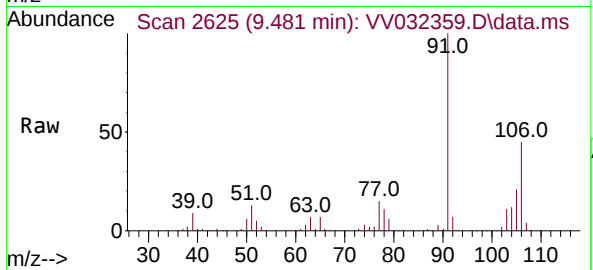




#54
o-Xylene
Concen: 4.660 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

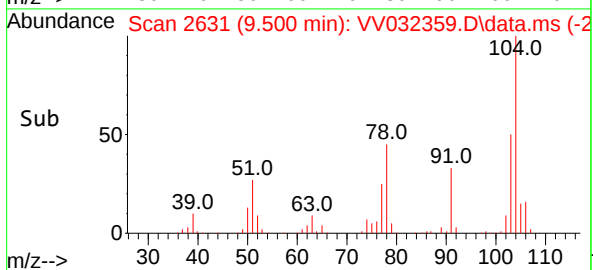
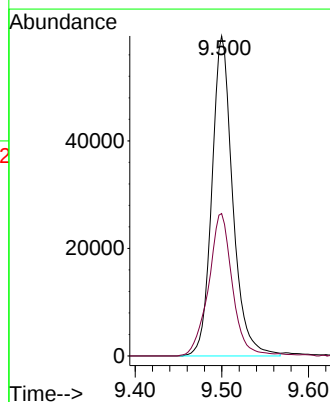
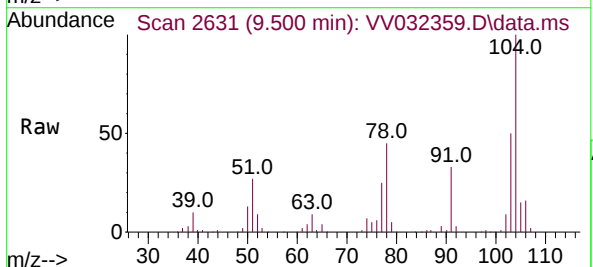
Instrument :
MSVOA_V
ClientSampleId :

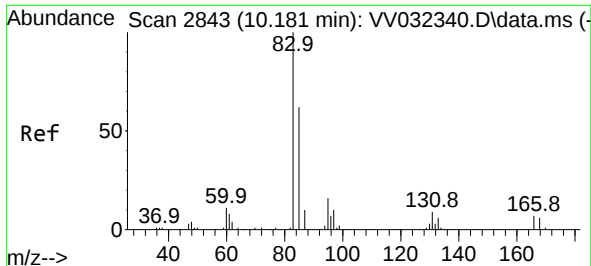
Tgt Ion:106 Resp: 61324
Ion Ratio Lower Upper
106 100
91 220.5 154.8 287.4



#55
Styrene
Concen: 4.487 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion:104 Resp: 99718
Ion Ratio Lower Upper
104 100
78 44.5 29.9 55.5

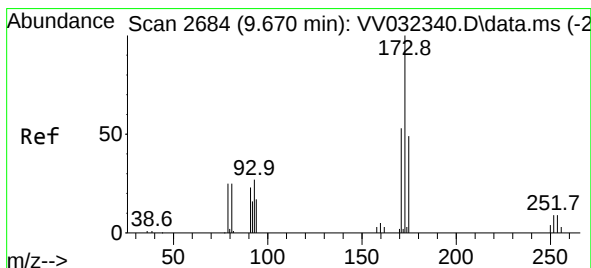
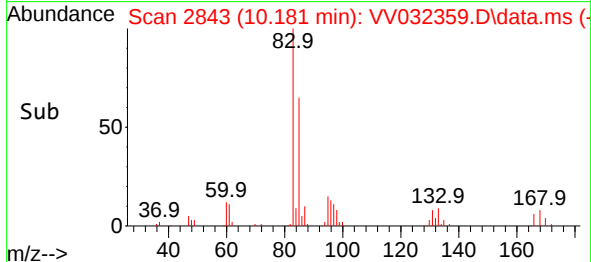
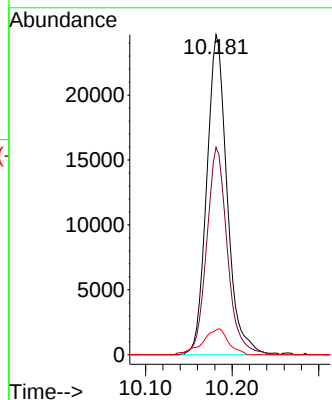
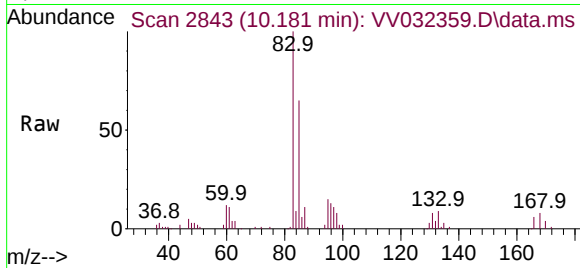




#57
1,1,2,2-Tetrachloroethane
Concen: 6.265 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

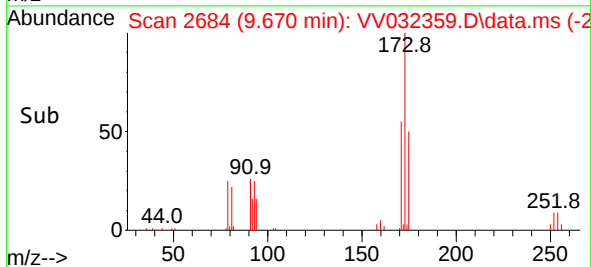
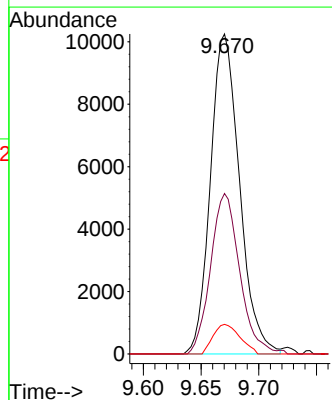
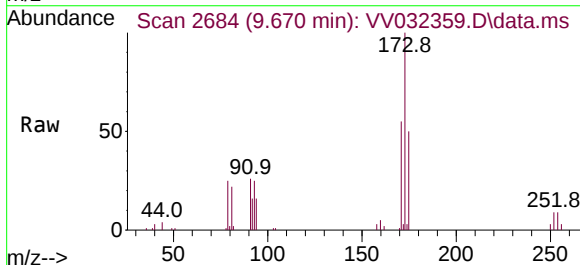
Instrument :
MSVOA_V
ClientSampleId :

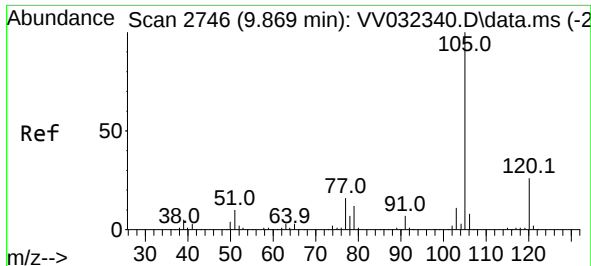
Tgt Ion: 83 Resp: 40341
Ion Ratio Lower Upper
83 100
85 64.8 43.6 81.0
131 7.7 7.0 10.6



#59
Bromoform
Concen: 5.927 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion: 173 Resp: 17956
Ion Ratio Lower Upper
173 100
175 50.2 38.2 57.2
254 8.5 7.0 10.4

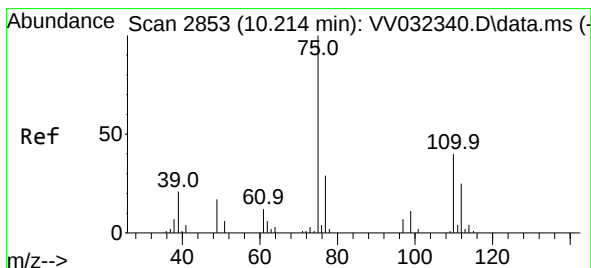
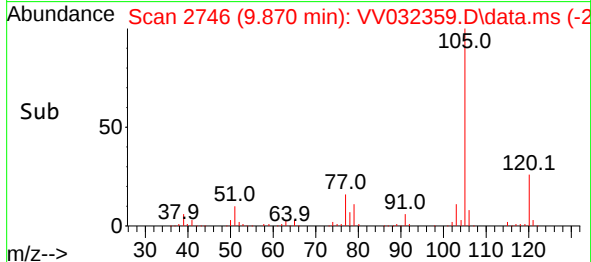
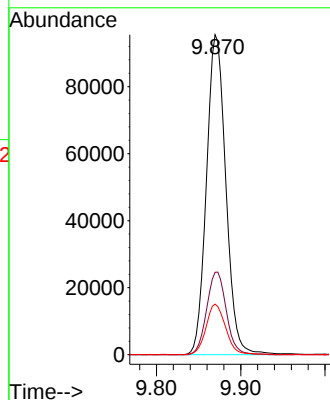
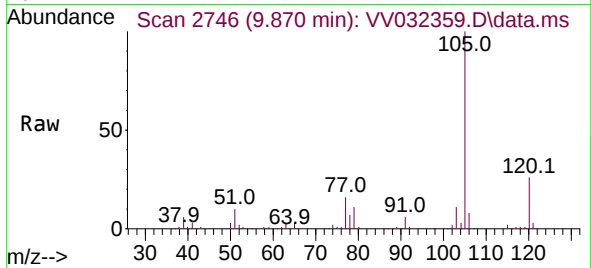




#60
Isopropylbenzene
Concen: 4.722 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

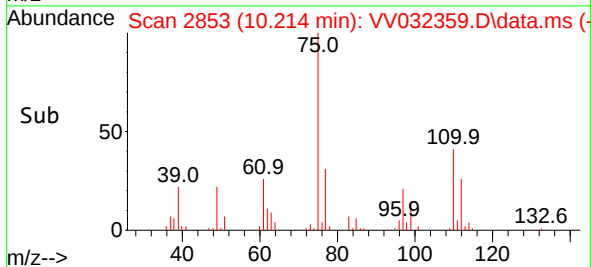
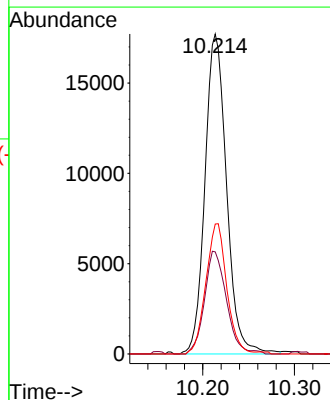
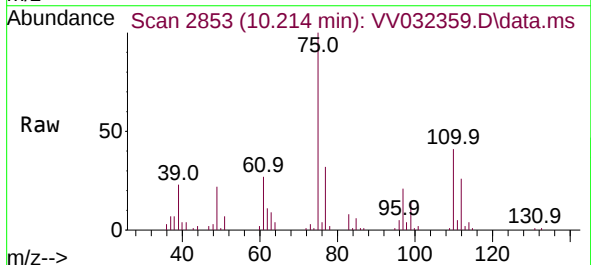
Instrument :
MSVOA_V
ClientSampleId :

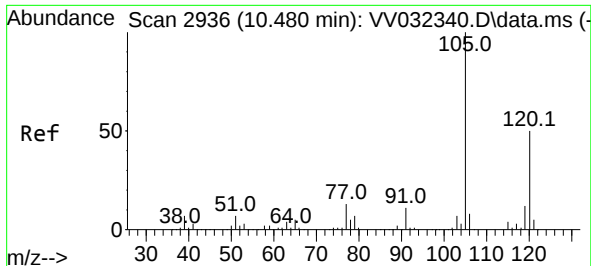
Tgt Ion:105 Resp: 152891
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 6.544 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion: 75 Resp: 29016
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 39.7 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.424 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

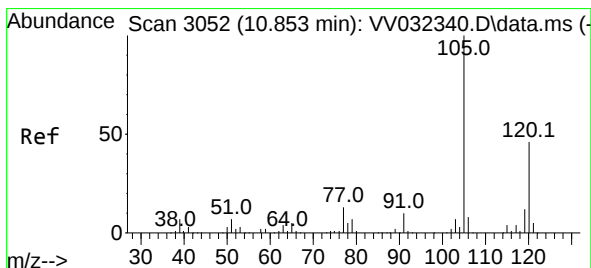
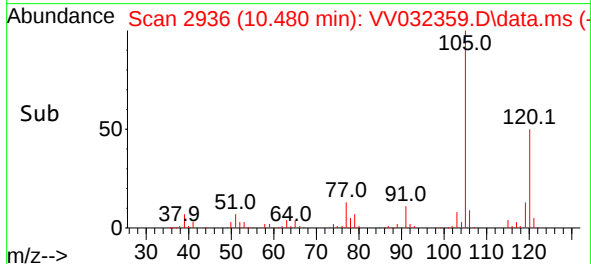
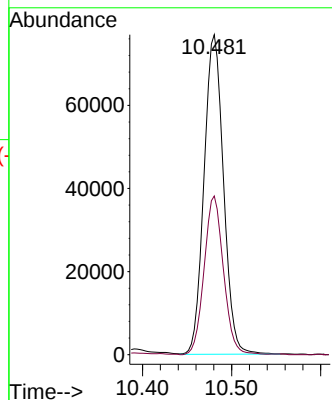
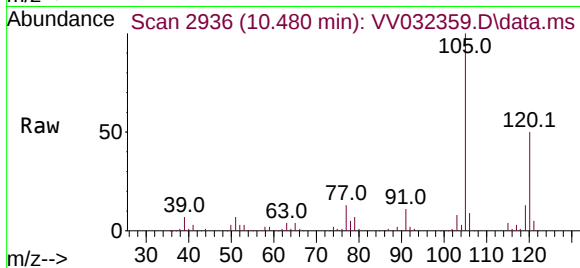
ClientSampleId :

Tgt Ion:105 Resp: 116743

Ion Ratio Lower Upper

105 100

120 49.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.541 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032359.D

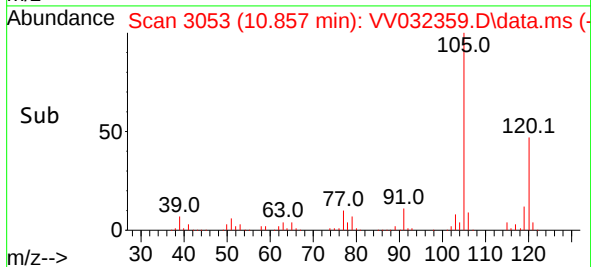
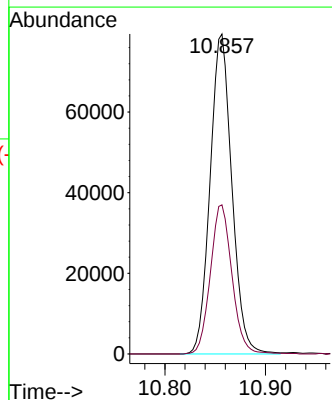
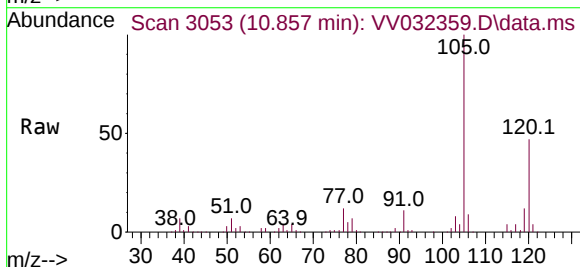
Acq: 10 Oct 2023 03:54

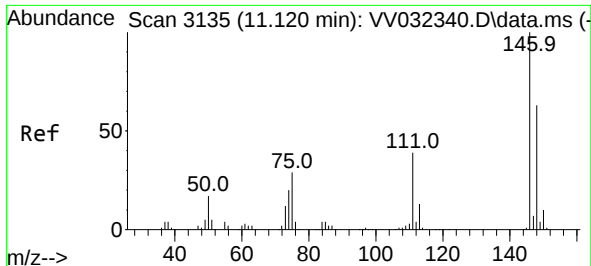
Tgt Ion:105 Resp: 119299

Ion Ratio Lower Upper

105 100

120 46.3 36.2 54.4

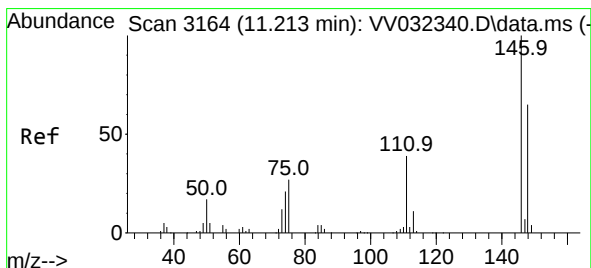
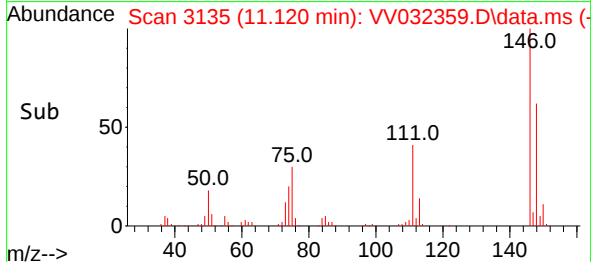
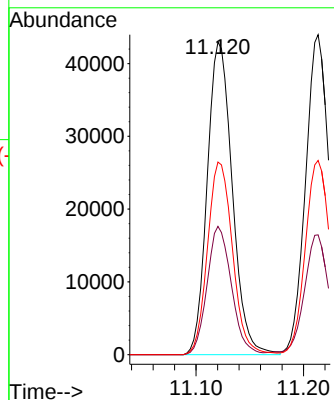
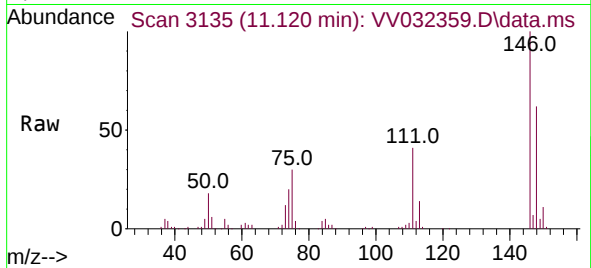




#64
1,3-Dichlorobenzene
Concen: 4.500 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

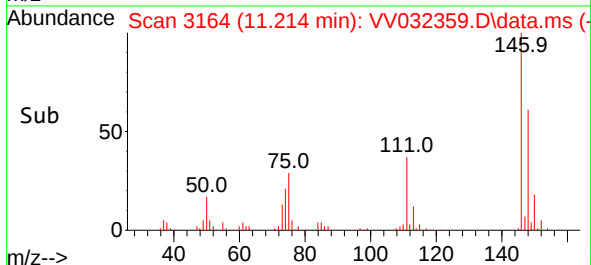
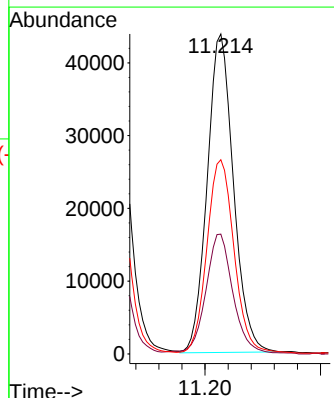
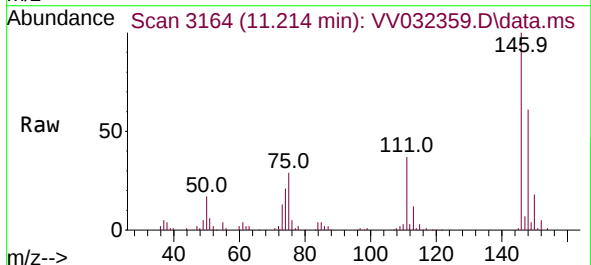
Instrument :
MSVOA_V
ClientSampleId :

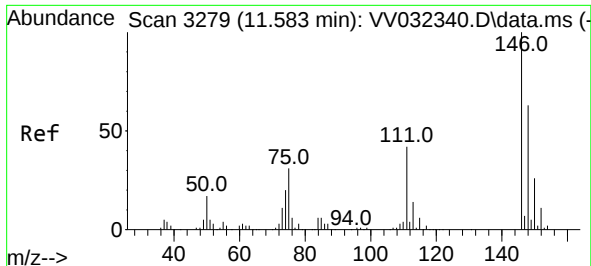
Tgt Ion:146 Resp: 69607
Ion Ratio Lower Upper
146 100
111 41.0 27.8 51.6
148 61.7 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.458 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032359.D
Acq: 10 Oct 2023 03:54

Tgt Ion:146 Resp: 69180
Ion Ratio Lower Upper
146 100
111 37.5 26.9 49.9
148 60.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.654 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

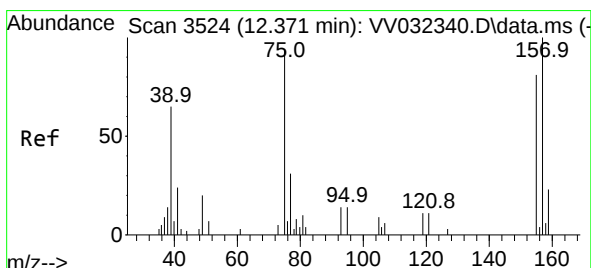
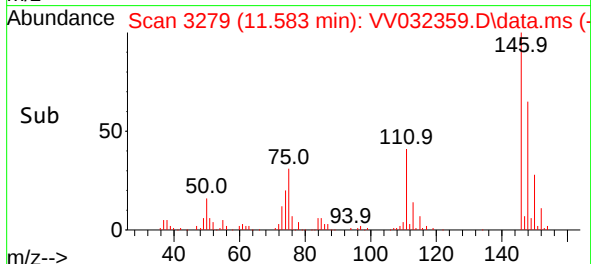
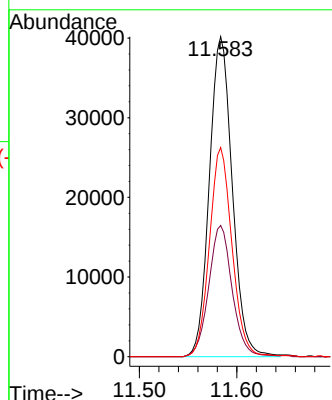
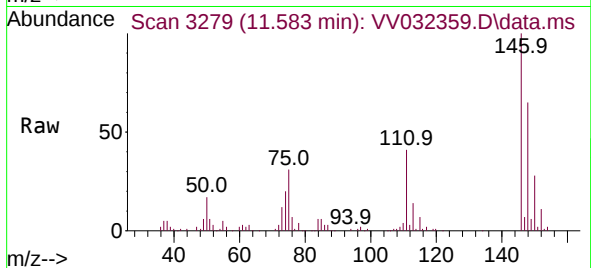
Tgt Ion:146 Resp: 65647

Ion Ratio Lower Upper

146 100

111 41.0 32.8 49.2

148 65.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.884 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.003 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

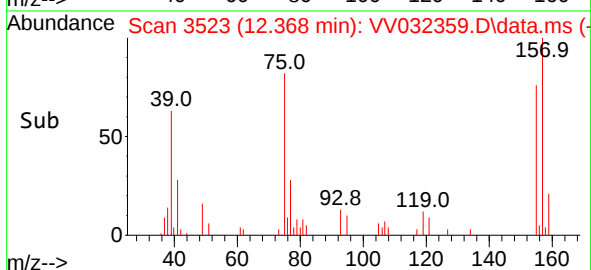
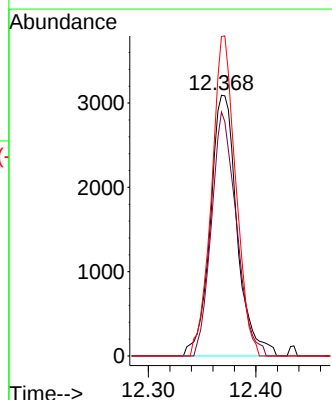
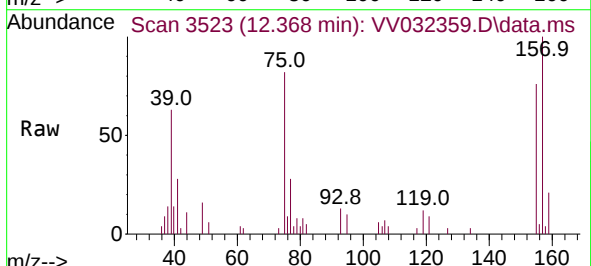
Tgt Ion: 75 Resp: 5331

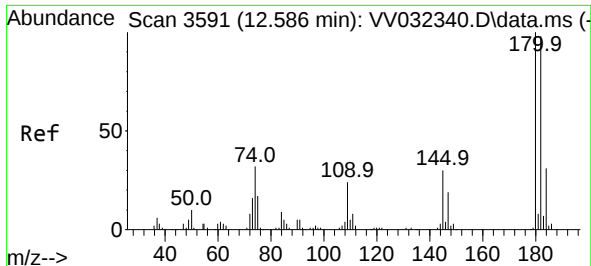
Ion Ratio Lower Upper

75 100

155 93.6 70.2 105.4

157 122.6 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 3.944 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

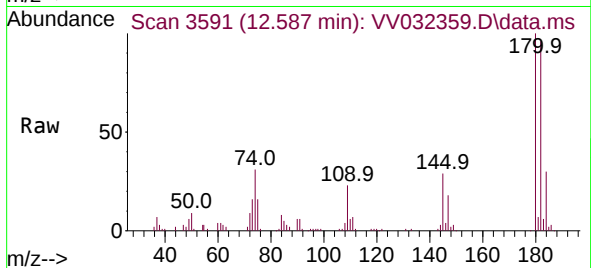
Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 44677

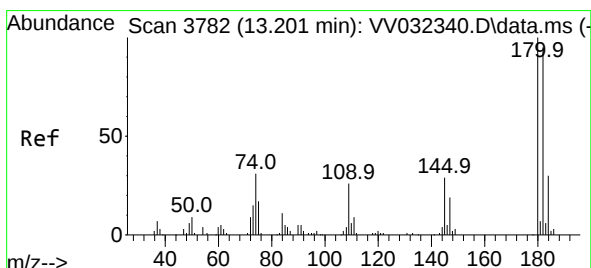
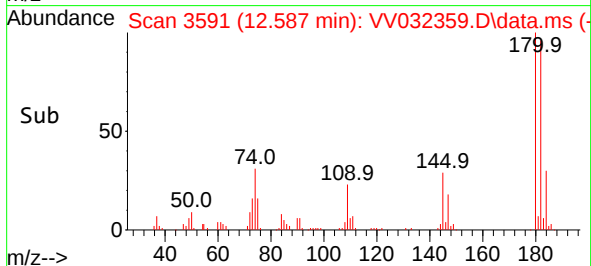
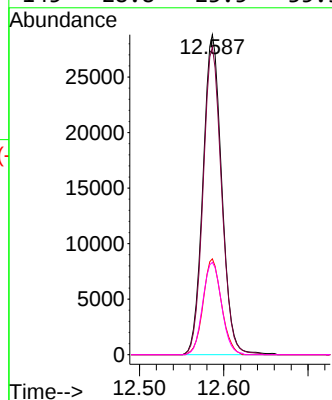
Ion Ratio Lower Upper

180 100

182 94.8 74.6 112.0

184 29.2 24.1 36.1

145 28.8 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 3.843 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

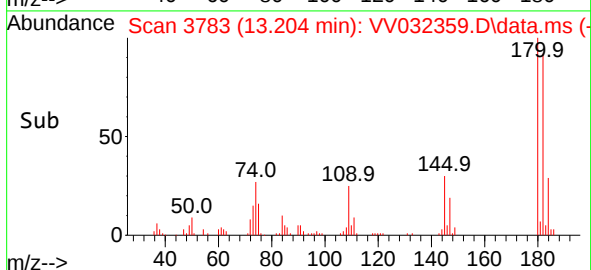
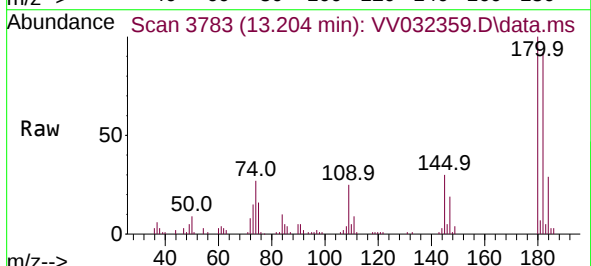
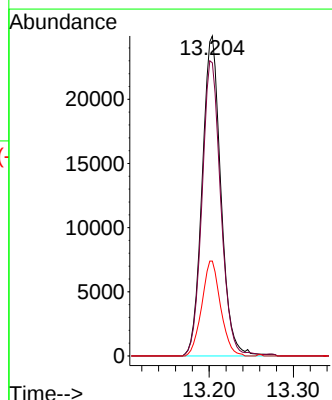
Tgt Ion:180 Resp: 38611

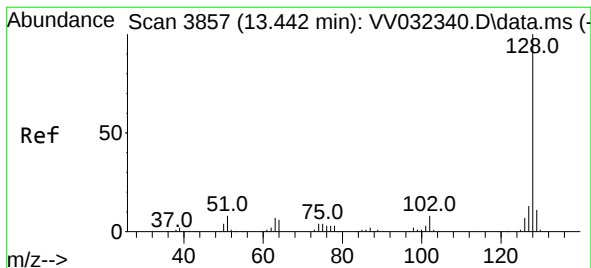
Ion Ratio Lower Upper

180 100

182 92.1 76.5 114.7

145 29.7 24.3 36.5





#71

Naphthalene

Concen: 4.347 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV032359.D

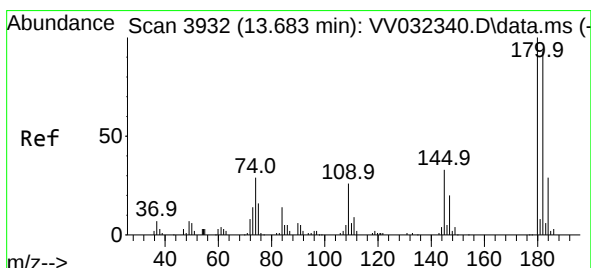
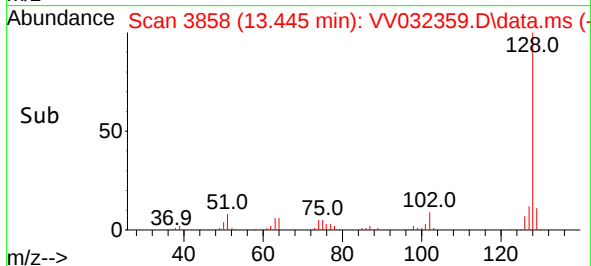
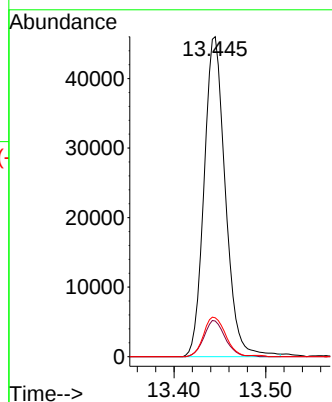
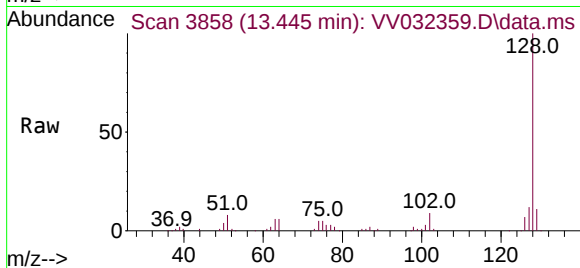
Acq: 10 Oct 2023 03:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	74194
Ion Ratio	Lower	Upper
128	100	
129	11.4	9.0 13.4
127	12.8	10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.241 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032359.D

Acq: 10 Oct 2023 03:54

Tgt Ion:180	Resp:	36717
Ion Ratio	Lower	Upper
180	100	
182	93.7	77.0 115.4
145	32.8	25.7 38.5

