

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034792.D
 Acq On : 21 Mar 2024 16:46
 Operator : SY/MD
 Sample : P1755-21MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:04:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	338226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	315189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172807	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	148325	50.587	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.180%	
7) Chloroethane-d5	1.532	69	116290	50.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.820%	
11) 1,1-Dichloroethene-d2	2.060	65	49827	37.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 75.160%	
21) 2-Butanone-d5	3.793	46	183739	93.707	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 93.710%	
24) Chloroform-d	4.246	84	262336	50.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.200%	
26) 1,2-Dichloroethane-d4	4.941	65	168427	49.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.440%	
32) Benzene-d6	4.960	84	498672	52.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.840%	
36) 1,2-Dichloropropane-d6	5.986	67	147617	50.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.700%	
41) Toluene-d8	7.240	98	456240	53.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.000%	
43) trans-1,3-Dichloroprop...	7.551	79	78921	54.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.280%	
47) 2-Hexanone-d5	8.024	63	116593	80.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 80.430%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	203688	53.317	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.640%	
66) 1,2-Dichlorobenzene-d4	11.558	152	177301	50.195	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	150081	42.303	ug/L	99
3) Chloromethane	1.217	50	137913	39.561	ug/L	99
5) Vinyl chloride	1.285	62	145792	43.084	ug/L	98
6) Bromomethane	1.491	94	90298	44.475	ug/L	98
8) Chloroethane	1.548	64	93495	46.484	ug/L	100
9) Trichlorofluoromethane	1.712	101	207769	41.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	106232	38.895	ug/L	97
12) 1,1-Dichloroethene	2.069	96	92270	36.432	ug/L	91
13) Acetone	2.124	43	275244	116.768	ug/L	97
14) Carbon disulfide	2.243	76	274603	39.068	ug/L	99
15) Methyl Acetate	2.375	43	197535	65.504	ug/L	92
16) Methylene chloride	2.446	84	134997	50.251	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	117904	48.098	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	480773	54.615	ug/L	98
19) 1,1-Dichloroethane	3.111	63	252203	52.521	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	140271	52.740	ug/L	95
22) 2-Butanone	3.870	43	225008	96.667	ug/L	97
23) Bromochloromethane	4.150	128	72704	52.864	ug/L	98
25) Chloroform	4.275	83	264257	53.094	ug/L	99

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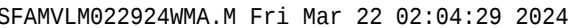
Instrument :
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 ClientSampleId :

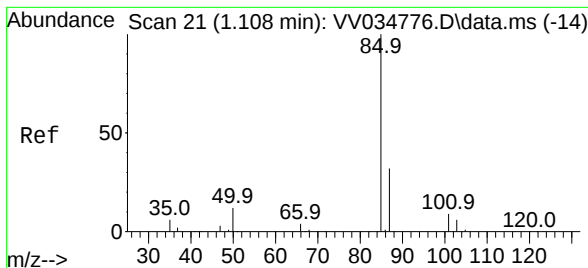
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 QLast Update : Fri Mar 22 01:59:49 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	212356	52.514	ug/L	97
29) Cyclohexane	4.580	56	193312	46.629	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	235915	52.197	ug/L	99
31) Carbon tetrachloride	4.735	117	203932	50.963	ug/L	100
33) Benzene	5.008	78	514114	52.549	ug/L	100
34) Trichloroethene	5.831	95	139544	50.178	ug/L	98
35) Methylcyclohexane	6.050	83	207054	48.974	ug/L	98
37) 1,2-Dichloropropane	6.092	63	141977	55.429	ug/L	99
38) Bromodichloromethane	6.429	83	196558	54.555	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	232388	55.997	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	418465	110.795	ug/L	98
42) Toluene	7.313	91	555565	53.655	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	220377	55.214	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	142443	57.636	ug/L	98
46) Tetrachloroethene	7.902	164	105976	51.241	ug/L	97
48) 2-Hexanone	8.072	43	326038	108.331	ug/L	98
49) Dibromochloromethane	8.175	129	149115	57.176	ug/L	100
50) 1,2-Dibromoethane	8.281	107	146192	55.744	ug/L	100
51) Chlorobenzene	8.812	112	364751	54.491	ug/L	99
52) Ethylbenzene	8.944	91	628312	54.156	ug/L	98
53) m,p-Xylene	9.072	106	239770	54.461	ug/L	99
54) o-Xylene	9.477	106	238087	55.226	ug/L	98
55) Styrene	9.493	104	417374	57.179	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	221798	59.752	ug/L	100
59) Bromoform	9.664	173	105041	54.825	ug/L	100
60) Isopropylbenzene	9.863	105	655531	53.636	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	179278	54.349	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	553138	53.652	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	553449	54.278	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	306240	54.194	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	308404	53.743	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	312642	55.214	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	51539	52.450	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	223542	52.732	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	197562	51.793	ug/L	99
71) Naphthalene	13.435	128	503615	49.357	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	194048	52.147	ug/L	99

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

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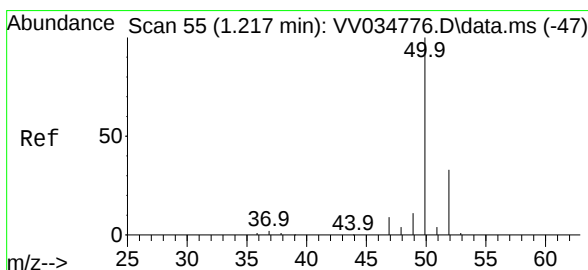
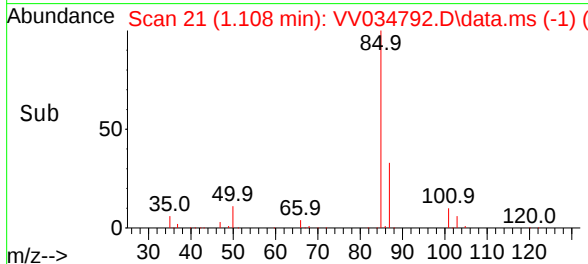
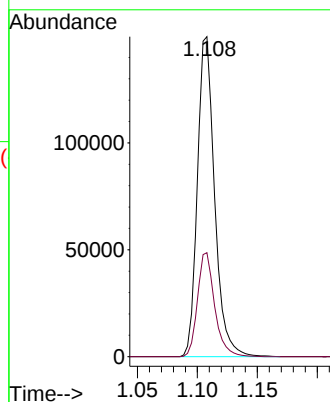
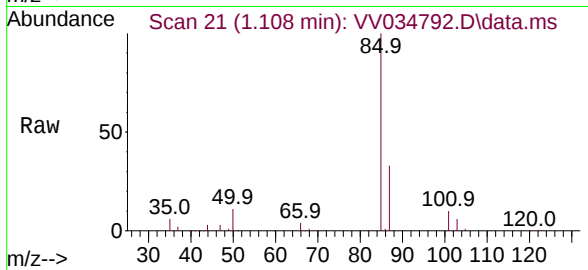




#2
Dichlorodifluoromethane
Concen: 42.303 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

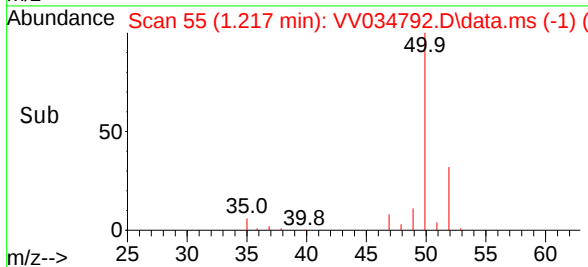
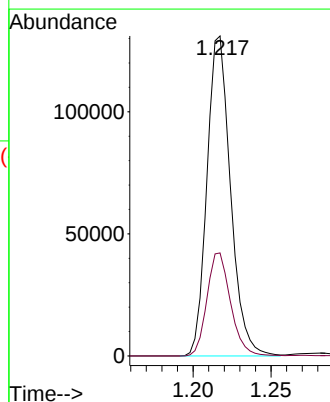
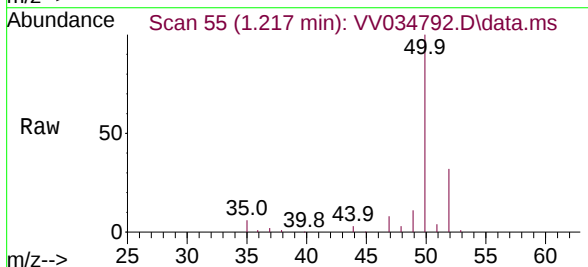
Instrument :
MSVOA_V
ClientSampleId :

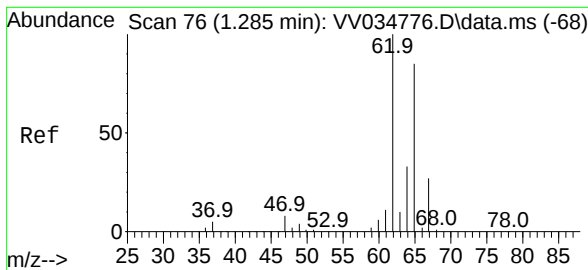
Tgt Ion: 85 Resp: 150081
Ion Ratio Lower Upper
85 100
87 32.4 25.5 38.3



#3
Chloromethane
Concen: 39.561 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Tgt Ion: 50 Resp: 137913
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8





#5

Vinyl chloride

Concen: 43.084 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

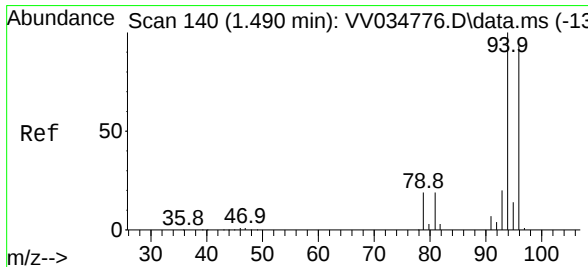
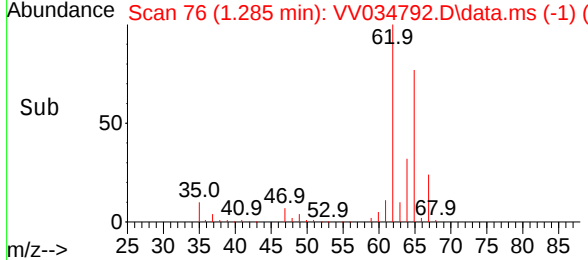
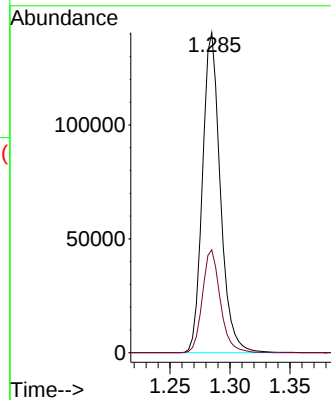
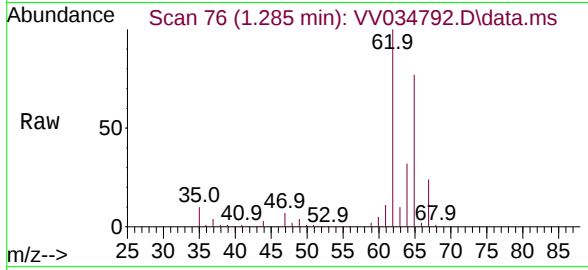
ClientSampleId :

Tgt Ion: 62 Resp: 145792

Ion Ratio Lower Upper

62 100

64 32.1 23.4 43.6



#6

Bromomethane

Concen: 44.475 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034792.D

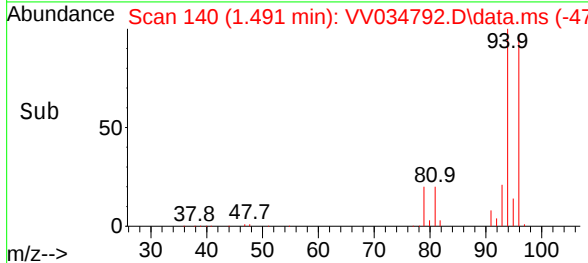
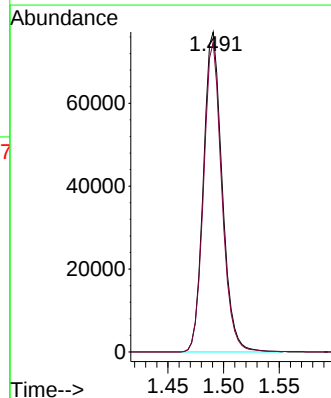
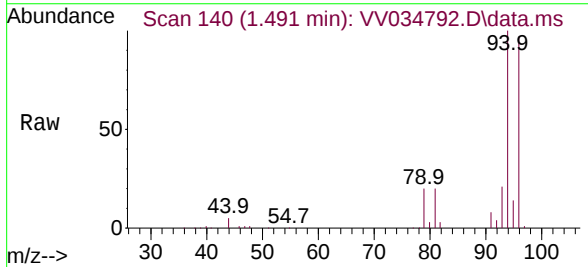
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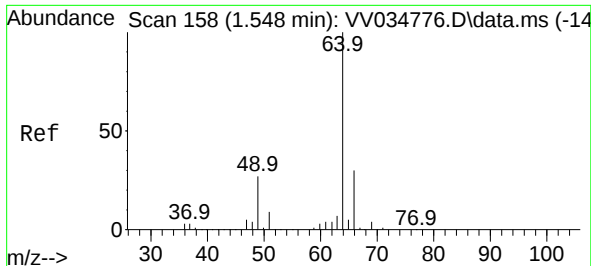
Tgt Ion: 94 Resp: 90298

Ion Ratio Lower Upper

94 100

96 96.7 66.0 122.6

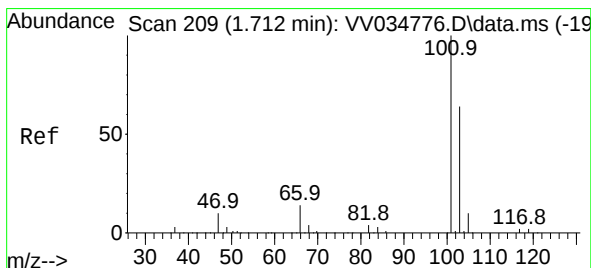
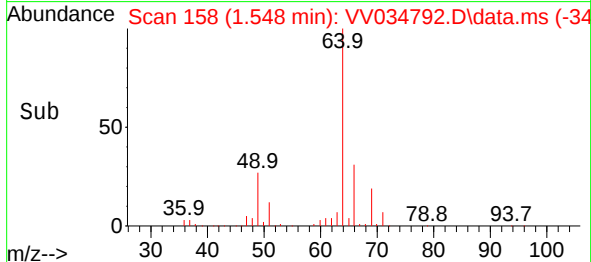
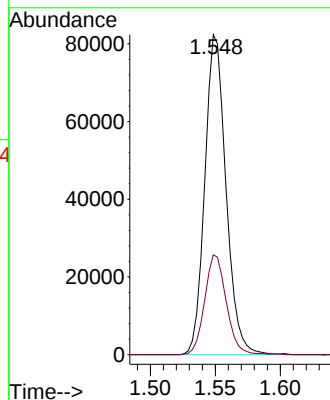
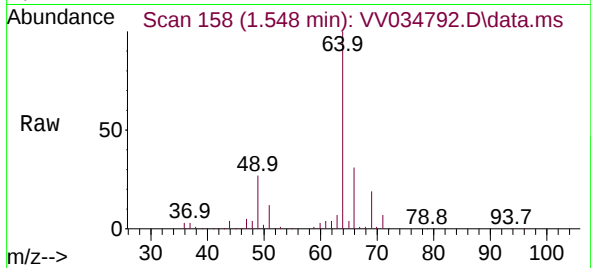




#8
Chloroethane
Concen: 46.484 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

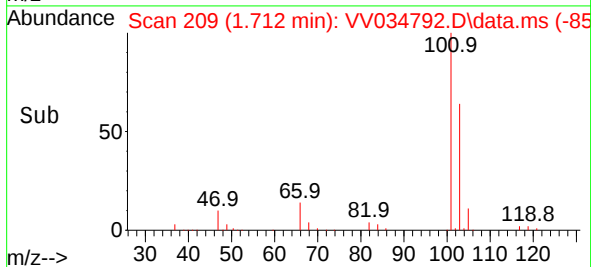
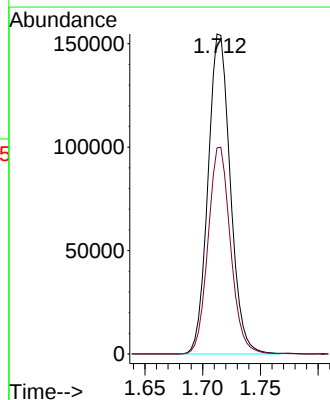
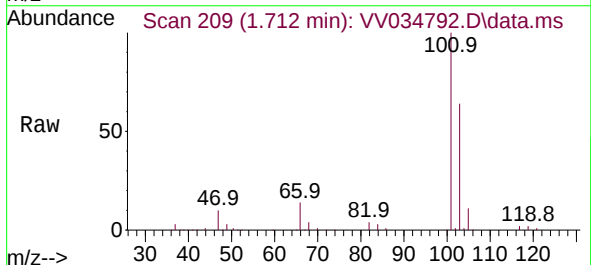
Instrument :
MSVOA_V
ClientSampleId :

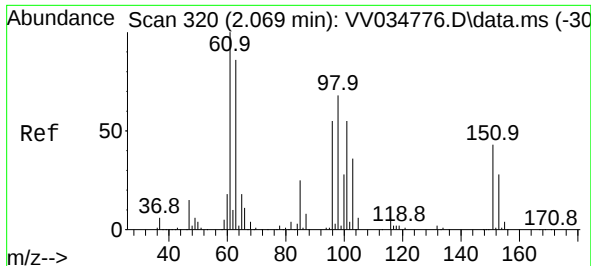
Tgt Ion: 64 Resp: 93495
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 41.000 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Tgt Ion:101 Resp: 207769
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8





#10

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

Concen: 38.895 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

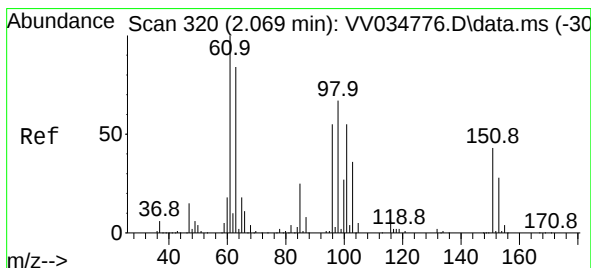
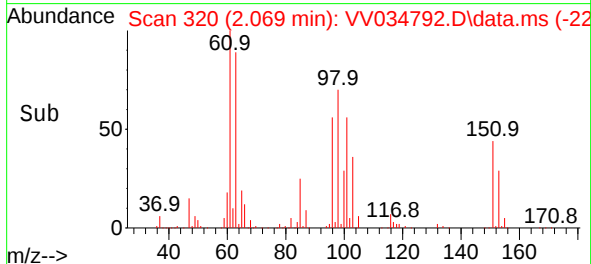
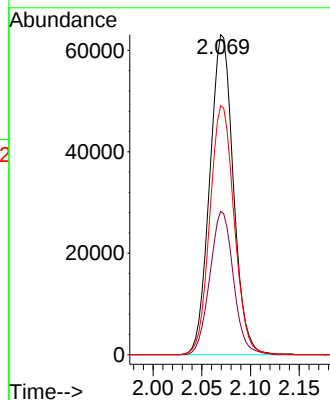
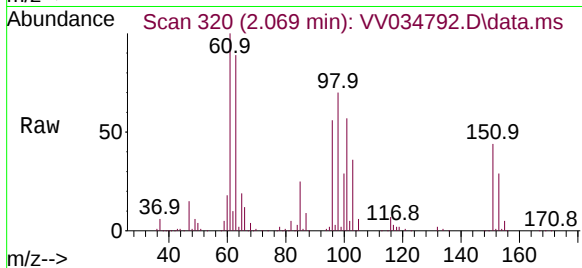
Tgt Ion:101 Resp: 106232

Ion Ratio Lower Upper

101 100

85 44.7 37.4 56.0

151 80.0 61.4 92.2



#12

1,1-Dichloroethene

Concen: 36.432 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

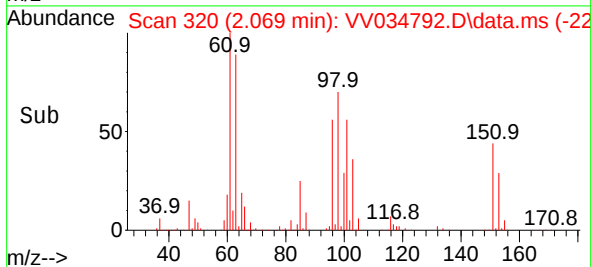
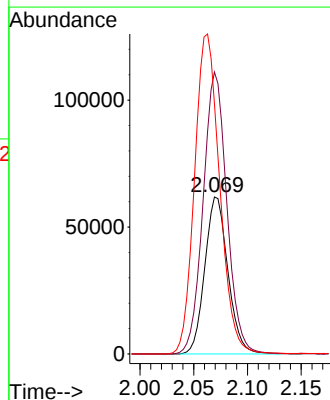
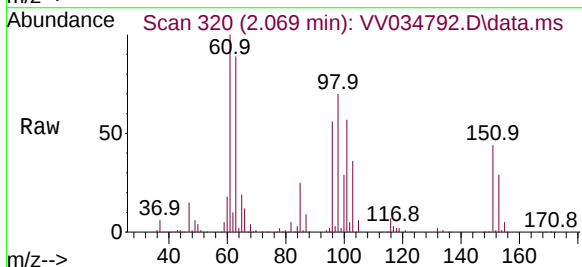
Tgt Ion: 96 Resp: 92270

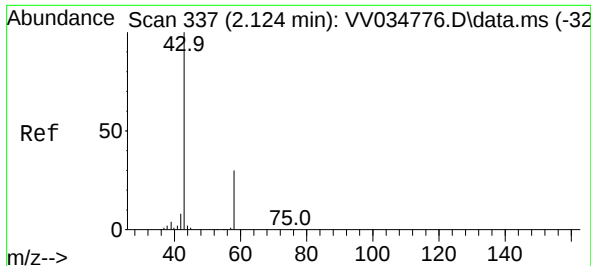
Ion Ratio Lower Upper

96 100

61 179.6 128.9 239.3

63 159.5 98.0 182.0





#13

Acetone

Concen: 116.768 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

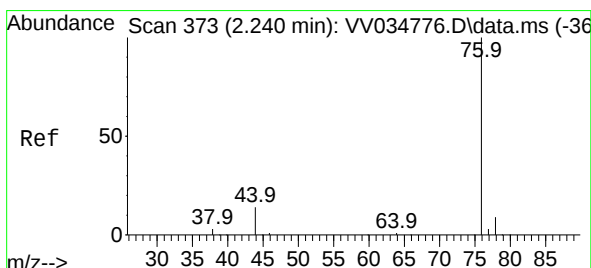
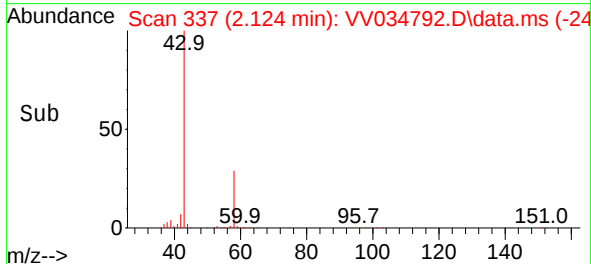
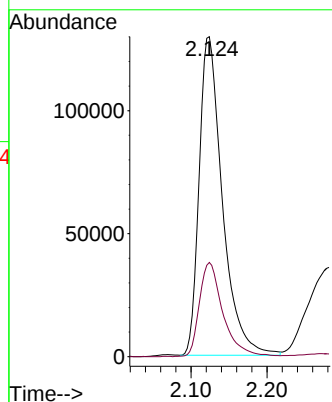
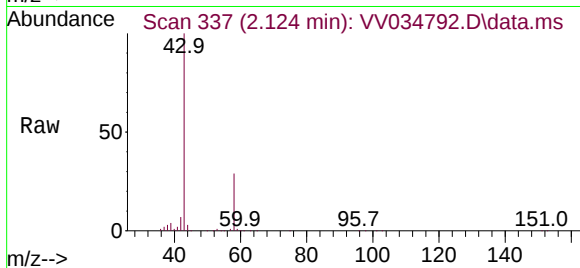
ClientSampleId :

Tgt Ion: 43 Resp: 275244

Ion Ratio Lower Upper

43 100

58 30.1 0.0 57.2



#14

Carbon disulfide

Concen: 39.068 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034792.D

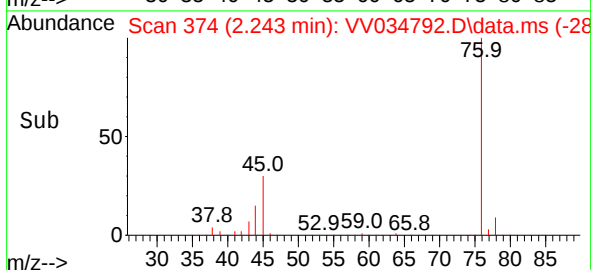
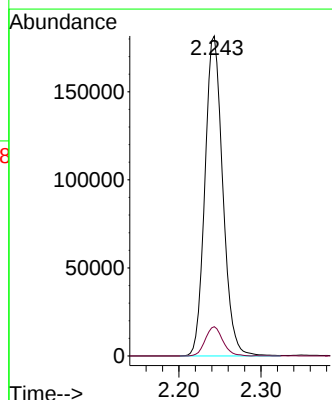
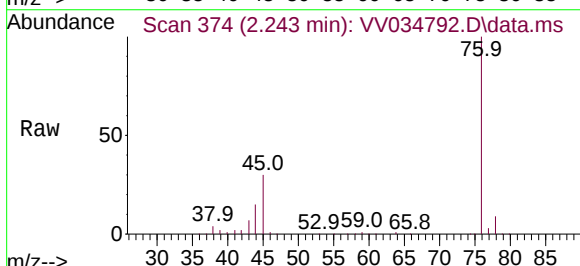
Acq: 21 Mar 2024 16:46

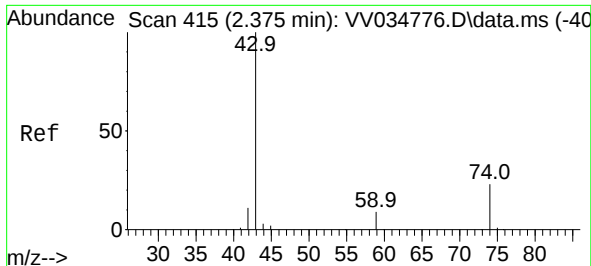
Tgt Ion: 76 Resp: 274603

Ion Ratio Lower Upper

76 100

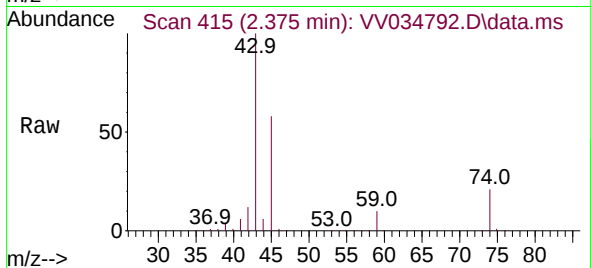
78 9.1 7.5 11.3



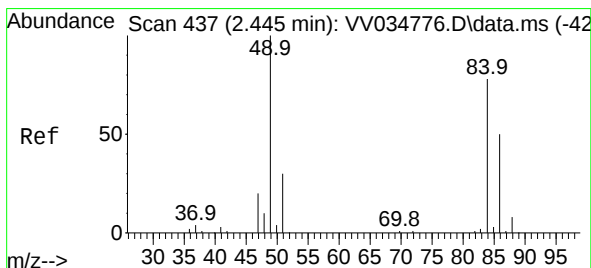
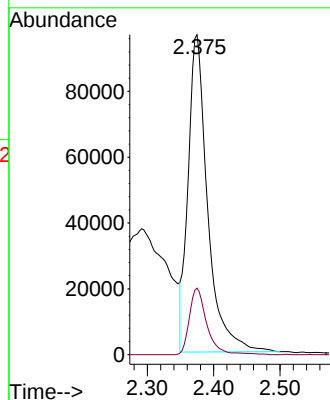
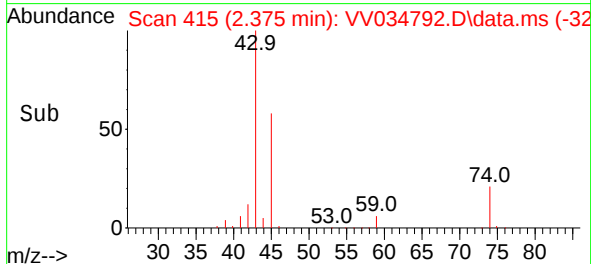


#15
Methyl Acetate
Concen: 65.504 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

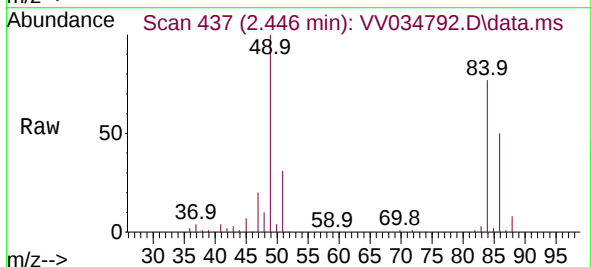
Instrument :
MSVOA_V
ClientSampleId :



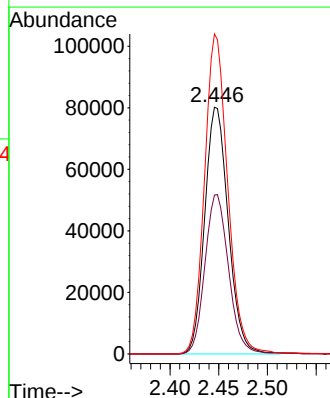
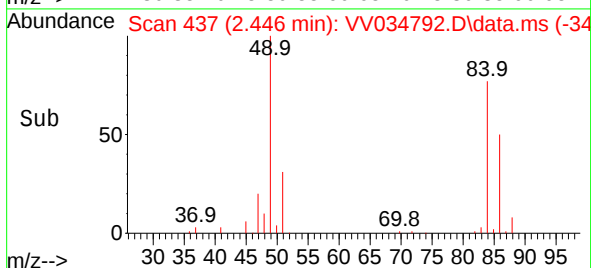
Tgt Ion: 43 Resp: 197535
Ion Ratio Lower Upper
43 100
74 18.2 17.8 26.8

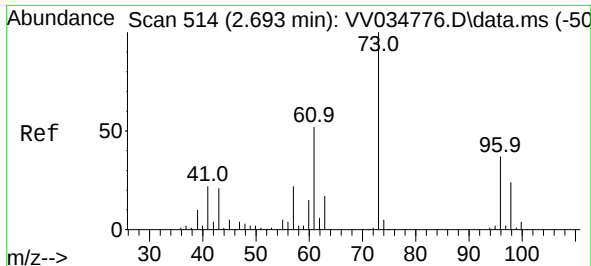


#16
Methylene chloride
Concen: 50.251 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46



Tgt Ion: 84 Resp: 134997
Ion Ratio Lower Upper
84 100
86 64.4 45.6 84.6
49 129.7 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 48.098 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

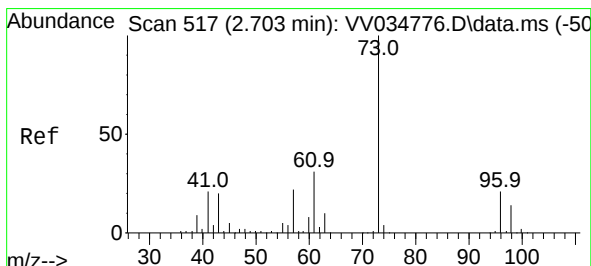
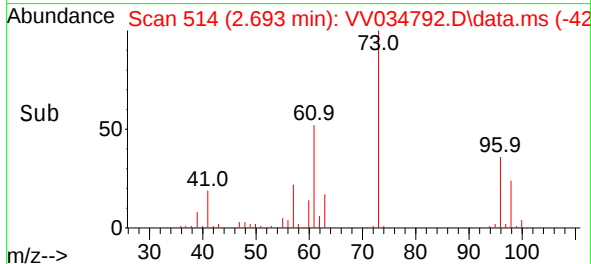
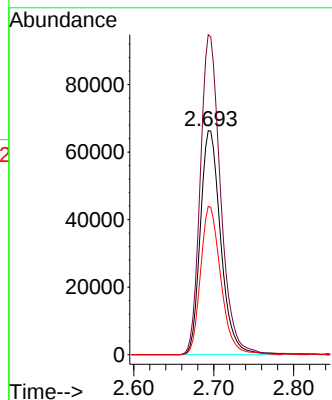
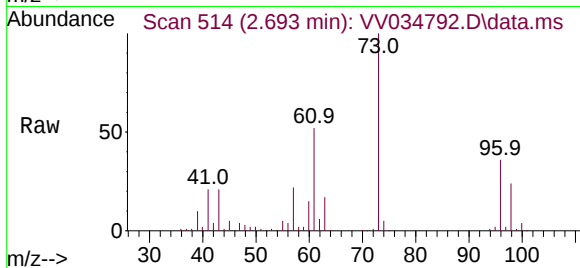
Tgt Ion: 96 Resp: 117904

Ion Ratio Lower Upper

96 100

61 142.8 98.8 183.4

98 66.1 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 54.615 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

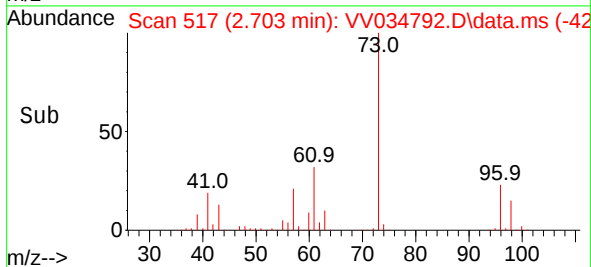
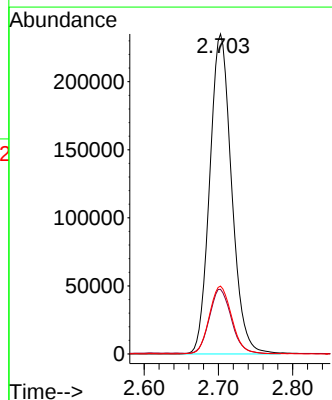
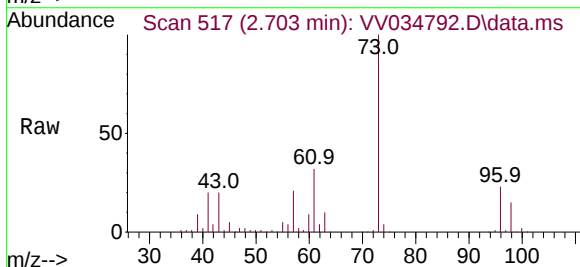
Tgt Ion: 73 Resp: 480773

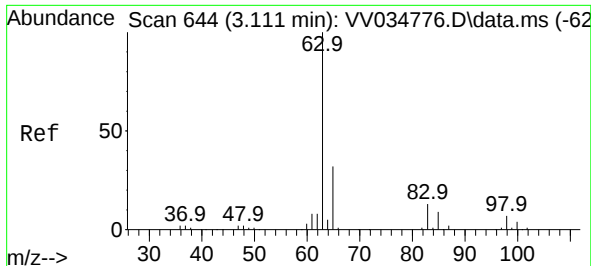
Ion Ratio Lower Upper

73 100

43 20.1 17.1 25.7

57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 52.521 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

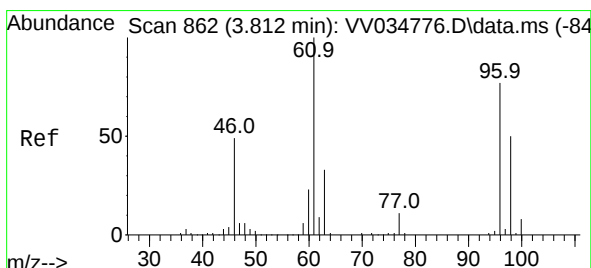
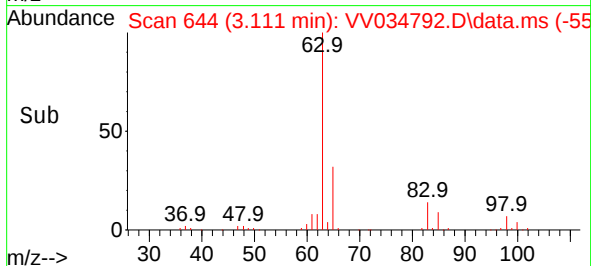
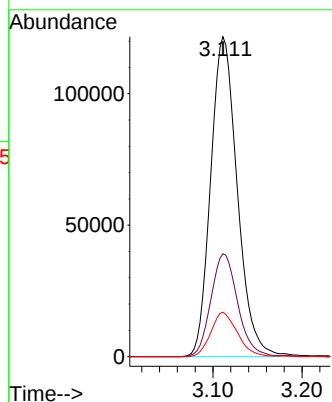
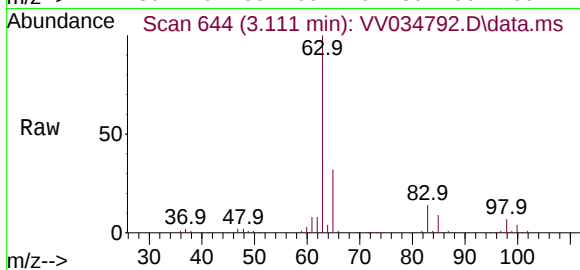
Tgt Ion: 63 Resp: 252203

Ion Ratio Lower Upper

63 100

65 32.2 22.1 41.1

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.740 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

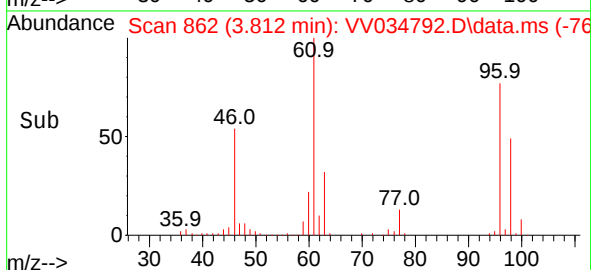
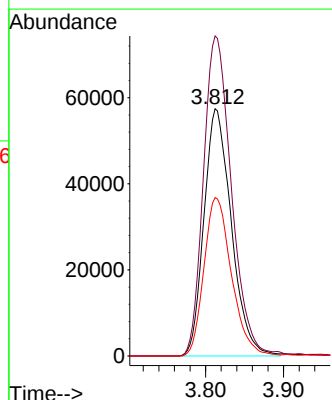
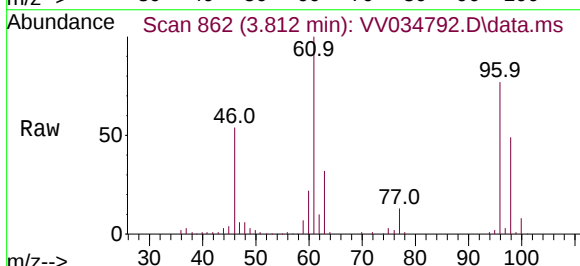
Tgt Ion: 96 Resp: 140271

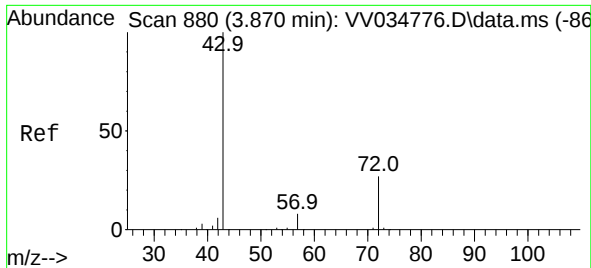
Ion Ratio Lower Upper

96 100

61 129.4 96.0 178.4

98 64.0 46.0 85.4

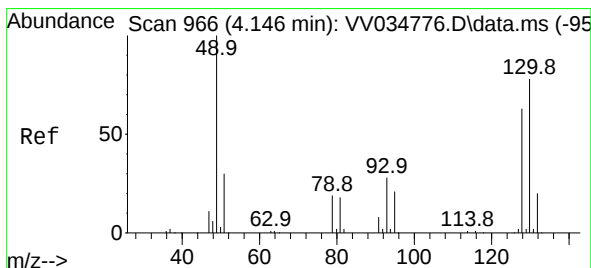
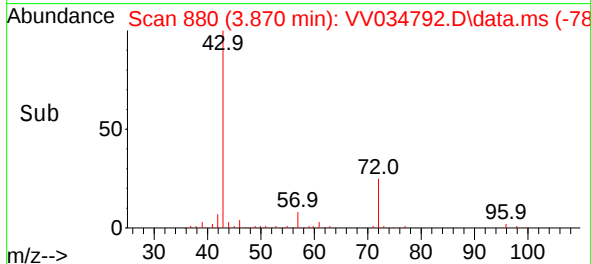
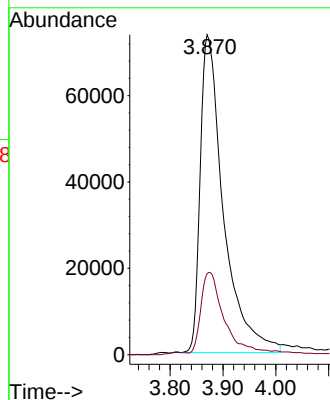
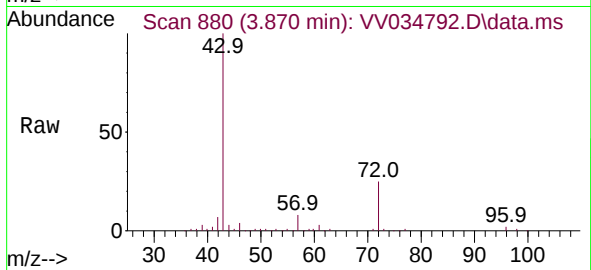




#22
2-Butanone
Concen: 96.667 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

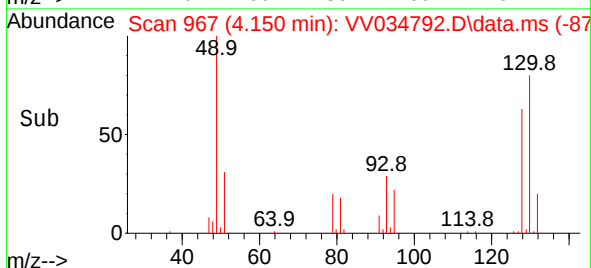
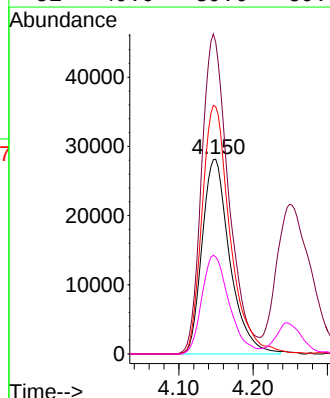
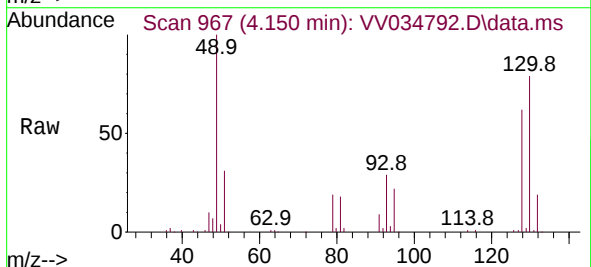
Instrument :
MSVOA_V
ClientSampleId :

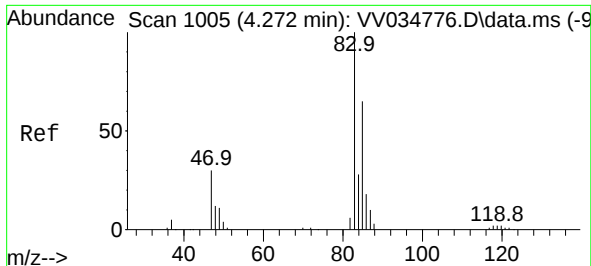
Tgt Ion: 43 Resp: 225008
Ion Ratio Lower Upper
43 100
72 24.5 11.5 34.4



#23
Bromochloromethane
Concen: 52.864 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Tgt Ion:128 Resp: 72704
Ion Ratio Lower Upper
128 100
49 160.1 109.4 203.2
130 127.1 87.7 162.9
51 49.9 39.6 59.4





#25

Chloroform

Concen: 53.094 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

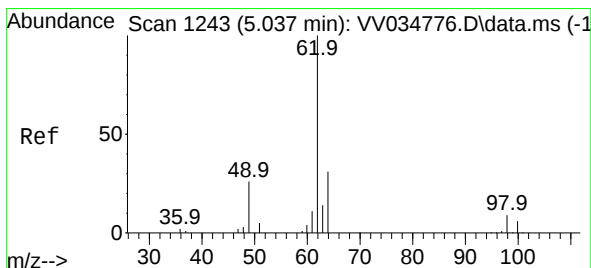
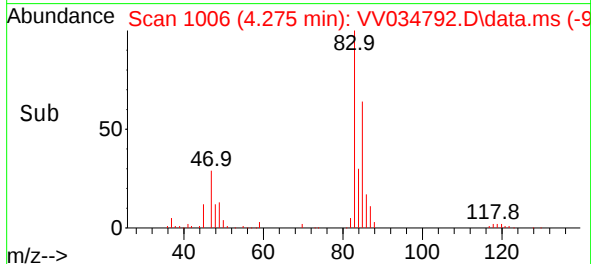
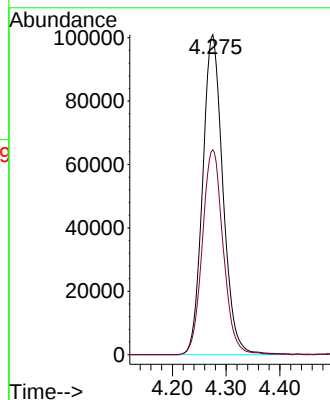
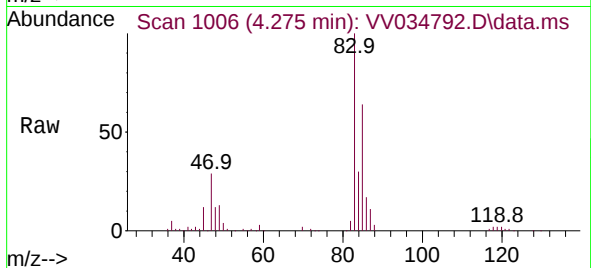
ClientSampleId :

Tgt Ion: 83 Resp: 264257

Ion Ratio Lower Upper

83 100

85 64.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 52.514 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034792.D

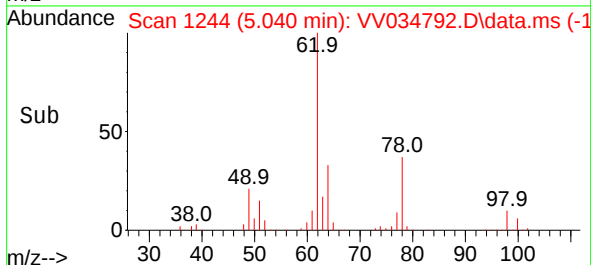
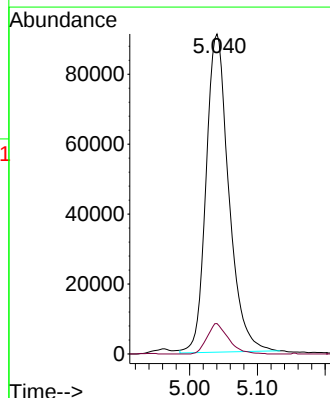
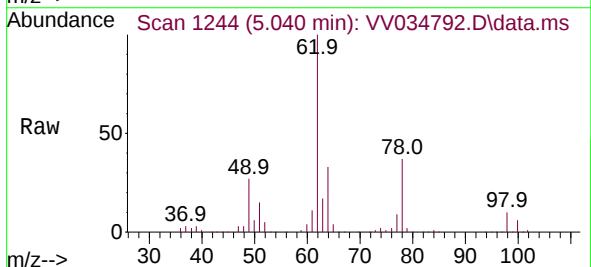
Acq: 21 Mar 2024 16:46

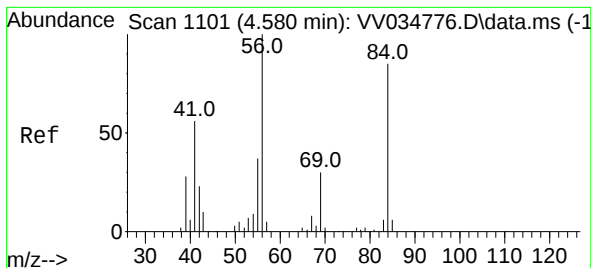
Tgt Ion: 62 Resp: 212356

Ion Ratio Lower Upper

62 100

98 9.5 6.6 10.0





#29

Cyclohexane

Concen: 46.629 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

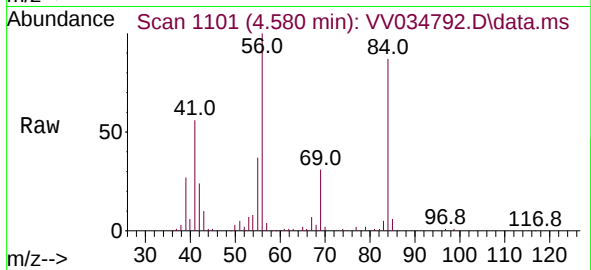
Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :



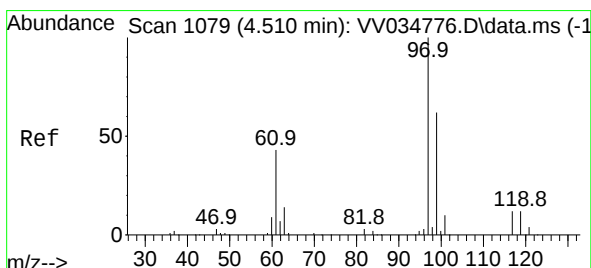
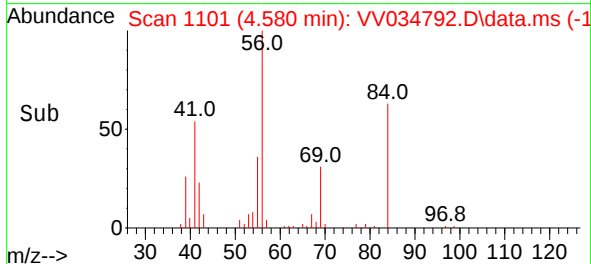
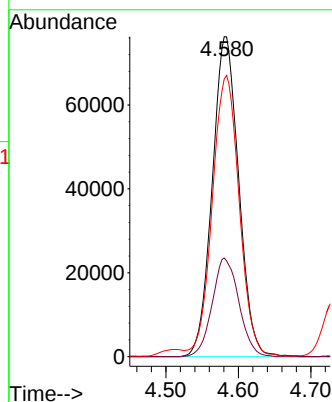
Tgt Ion: 56 Resp: 193312

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

84 89.2 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 52.197 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

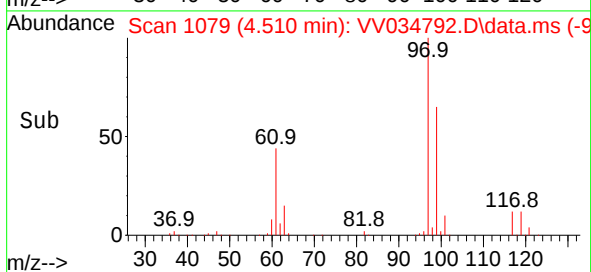
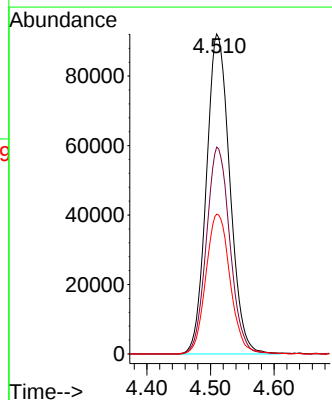
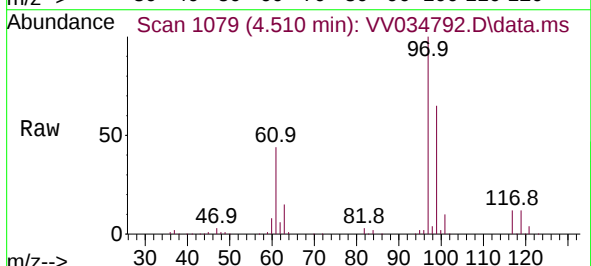
Tgt Ion: 97 Resp: 235915

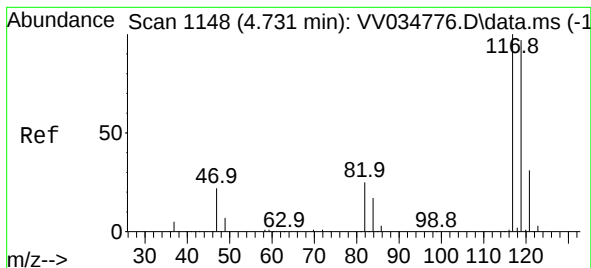
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 45.2 36.0 54.0





#31

Carbon tetrachloride

Concen: 50.963 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

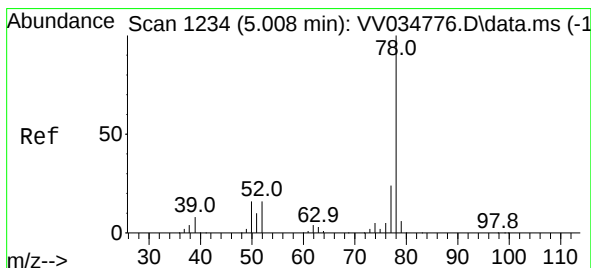
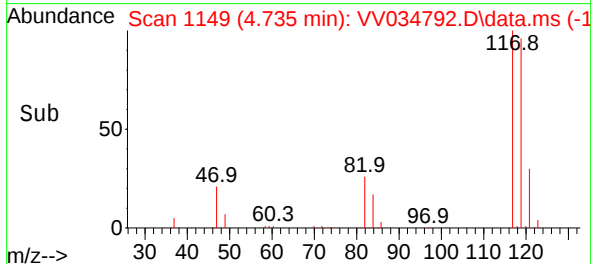
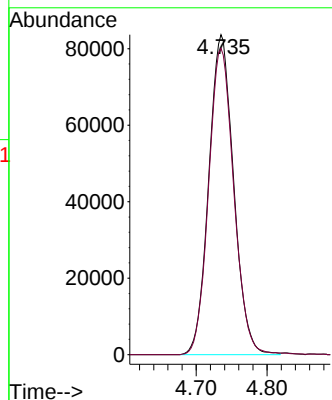
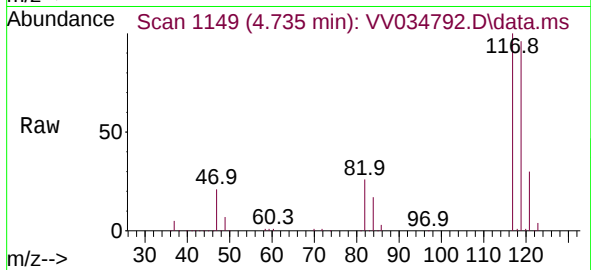
ClientSampleId :

Tgt Ion:117 Resp: 203932

Ion Ratio Lower Upper

117 100

119 96.6 77.5 116.3



#33

Benzene

Concen: 52.549 ug/L

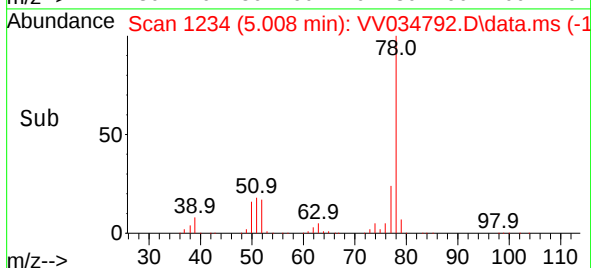
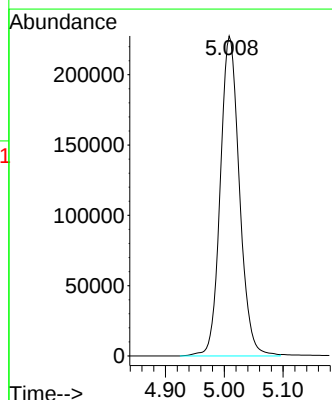
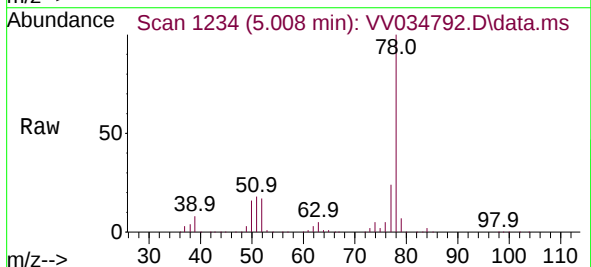
RT: 5.008 min Scan# 1234

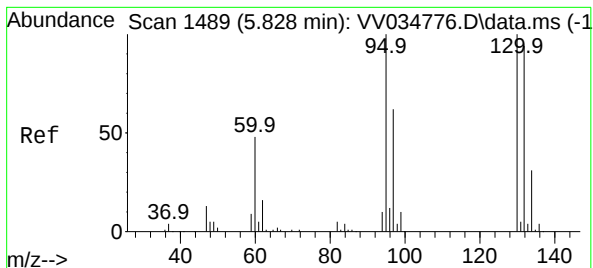
Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Tgt Ion: 78 Resp: 514114





#34

Trichloroethene

Concen: 50.178 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 139544

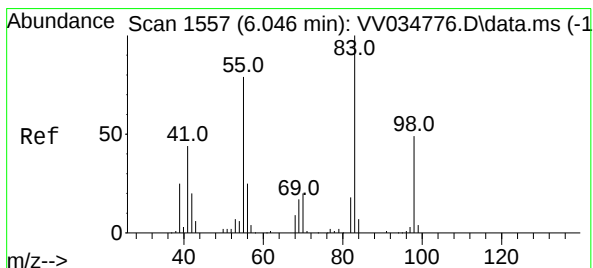
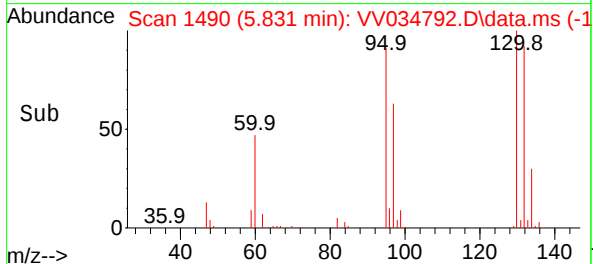
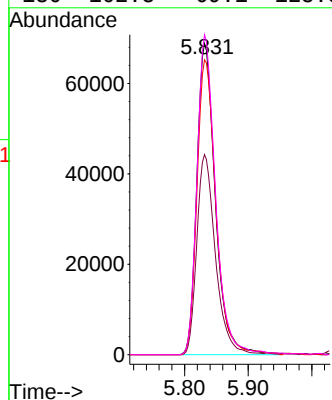
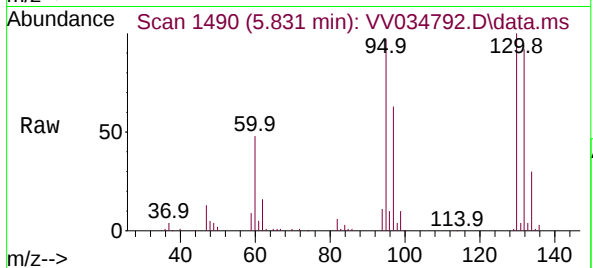
Ion Ratio Lower Upper

95 100

97 64.3 44.7 83.1

132 94.7 65.3 121.3

130 102.8 69.1 128.3



#35

Methylcyclohexane

Concen: 48.974 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

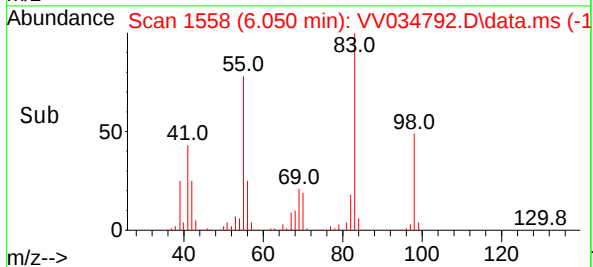
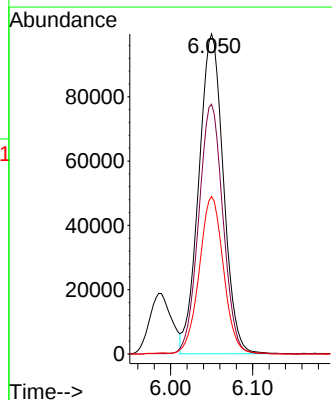
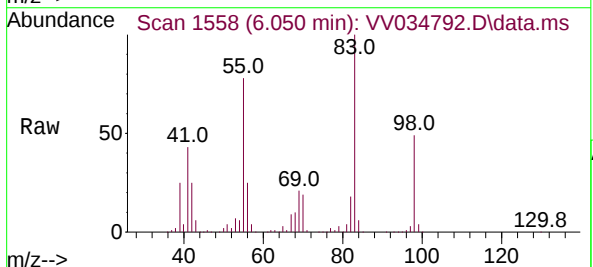
Tgt Ion: 83 Resp: 207054

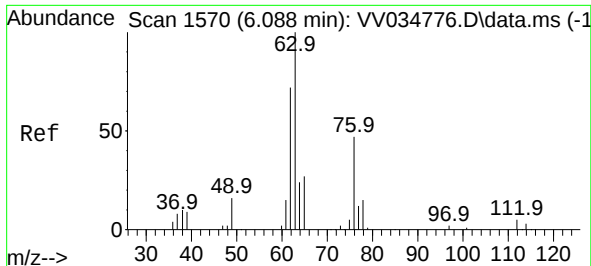
Ion Ratio Lower Upper

83 100

55 77.2 62.6 94.0

98 47.8 39.5 59.3

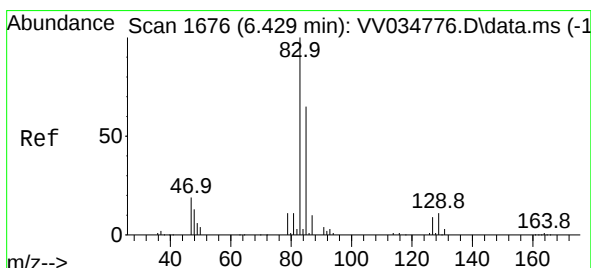
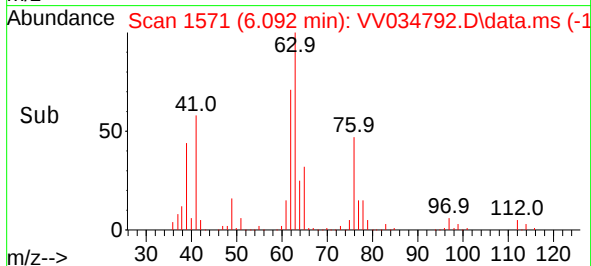
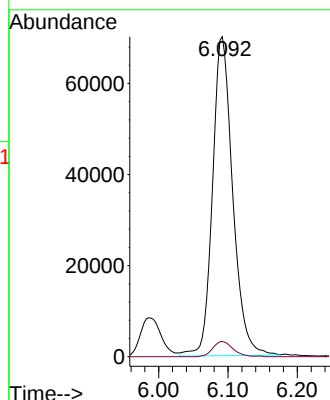
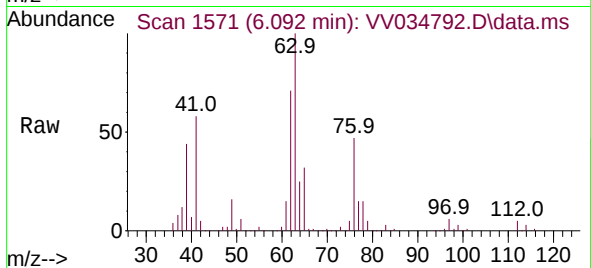




#37
1,2-Dichloropropane
Concen: 55.429 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

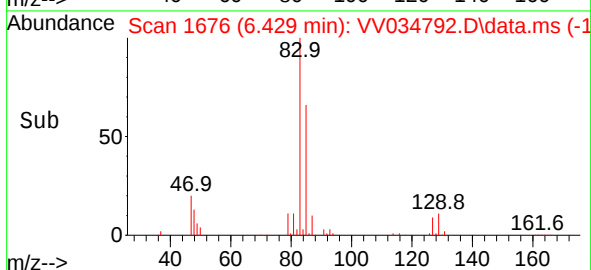
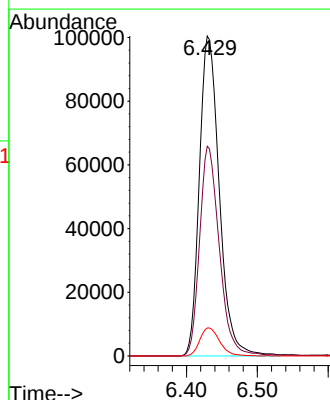
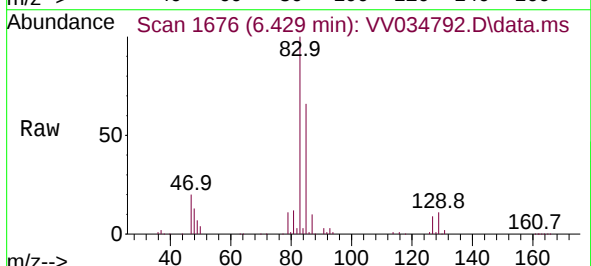
Instrument :
MSVOA_V
ClientSampleId :

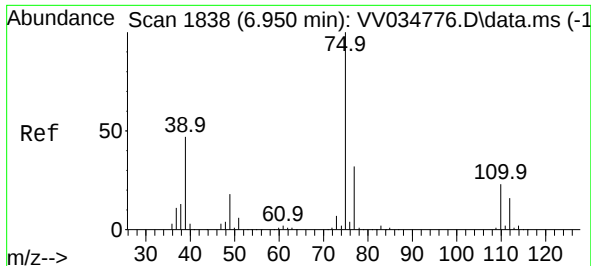
Tgt Ion: 63 Resp: 141977
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 54.555 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Tgt Ion: 83 Resp: 196558
Ion Ratio Lower Upper
83 100
85 65.6 44.6 82.8
127 8.7 6.9 10.3

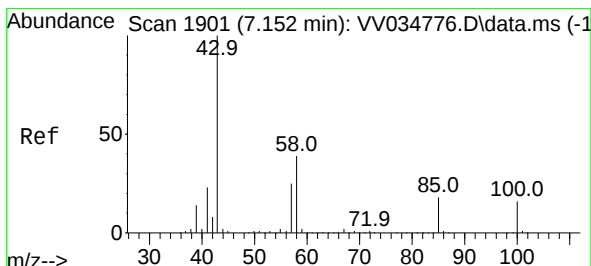
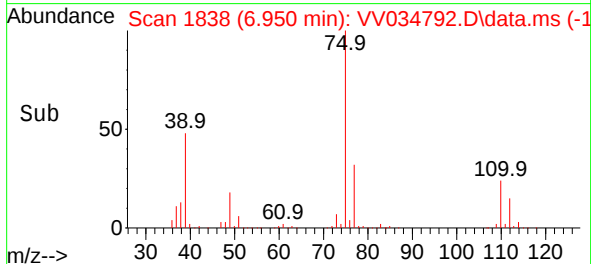
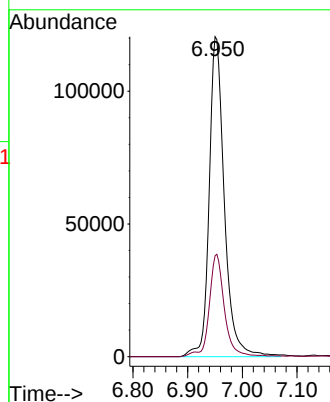
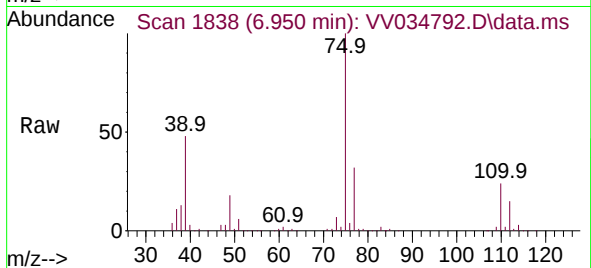




#39
 cis-1,3-Dichloropropene
 Concen: 55.997 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV034792.D
 Acq: 21 Mar 2024 16:46

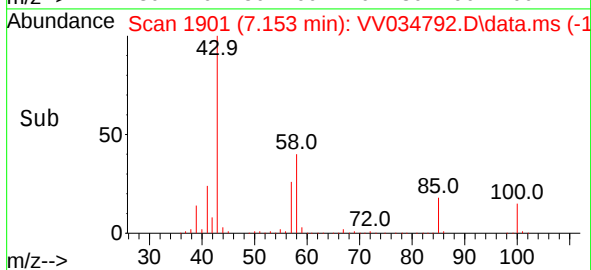
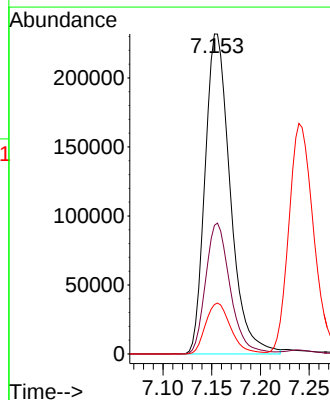
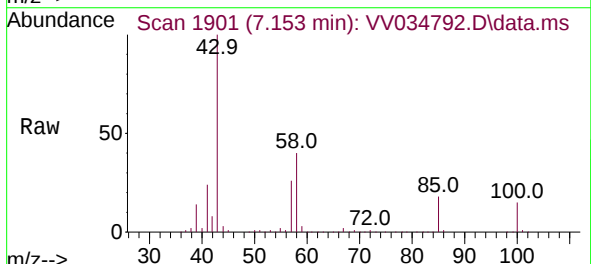
Instrument :
 MSVOA_V
 ClientSampleId :

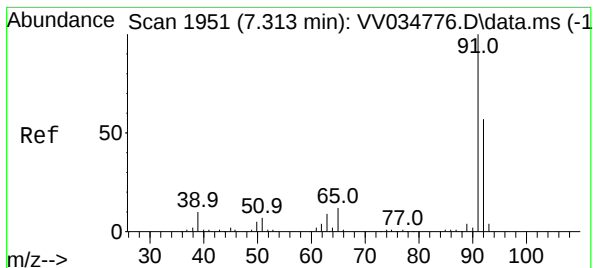
Tgt Ion: 75 Resp: 232388
 Ion Ratio Lower Upper
 75 100
 77 31.5 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 110.795 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034792.D
 Acq: 21 Mar 2024 16:46

Tgt Ion: 43 Resp: 418465
 Ion Ratio Lower Upper
 43 100
 58 39.7 30.6 46.0
 100 15.8 12.5 18.7





#42

Toluene

Concen: 53.655 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

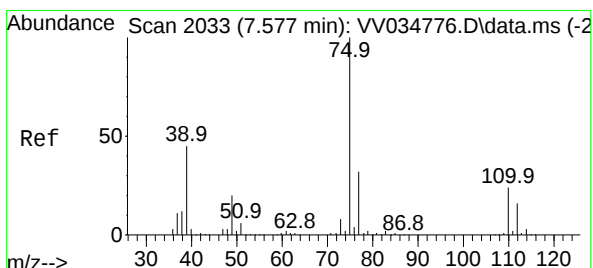
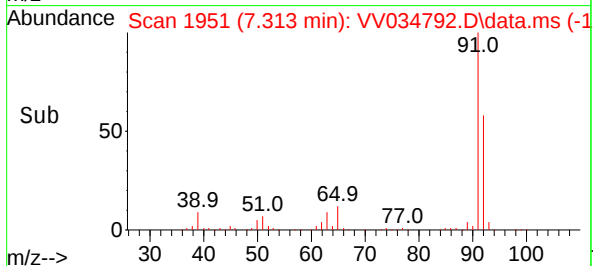
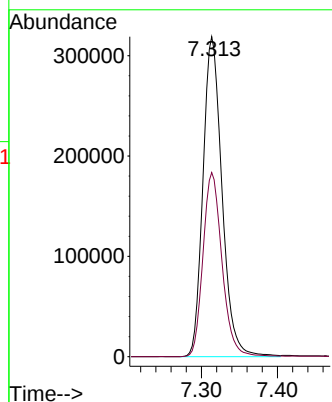
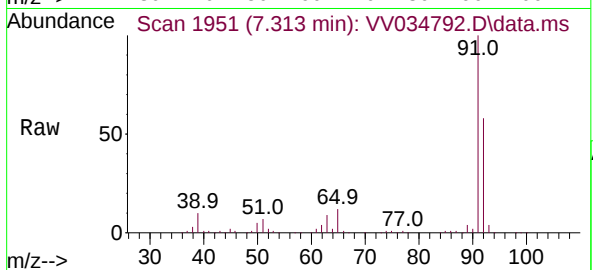
ClientSampleId :

Tgt Ion: 91 Resp: 555565

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 55.214 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034792.D

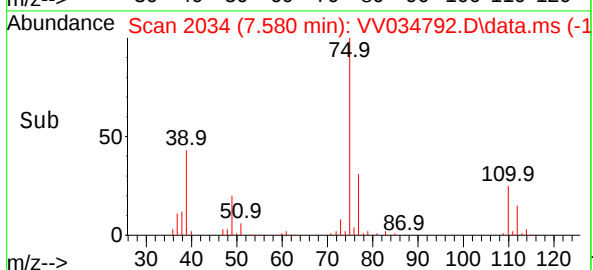
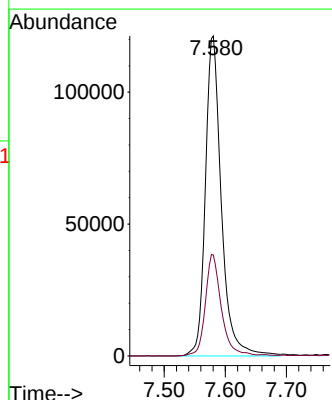
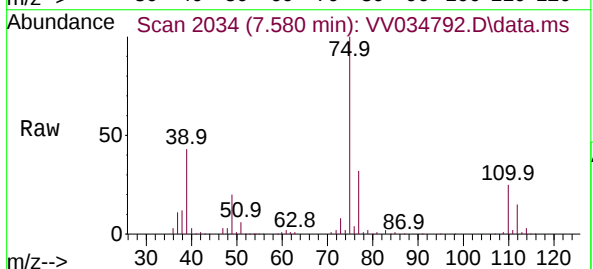
Acq: 21 Mar 2024 16:46

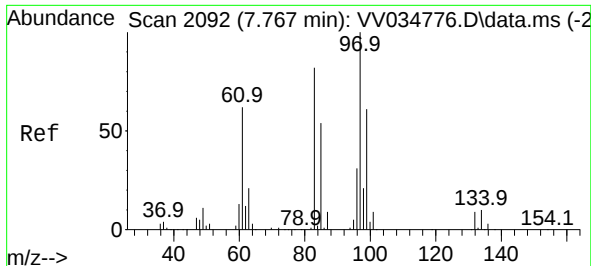
Tgt Ion: 75 Resp: 220377

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4

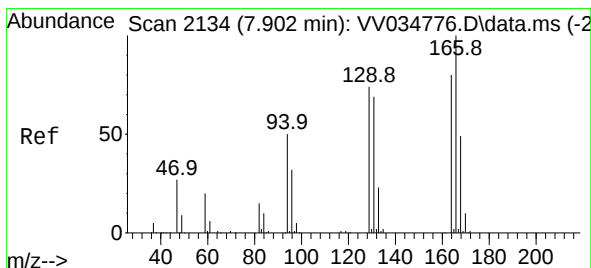
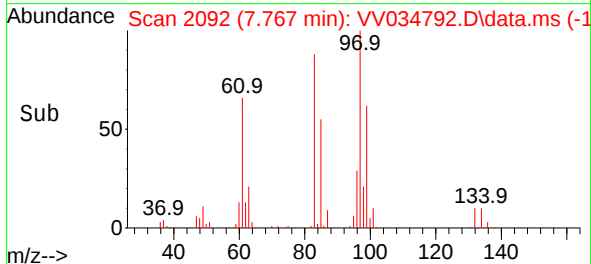
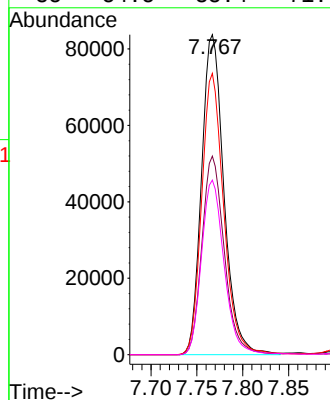
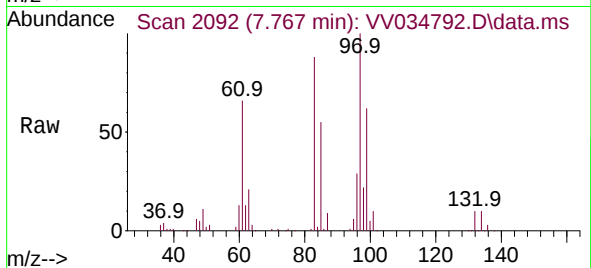




#45
1,1,2-Trichloroethane
Concen: 57.636 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

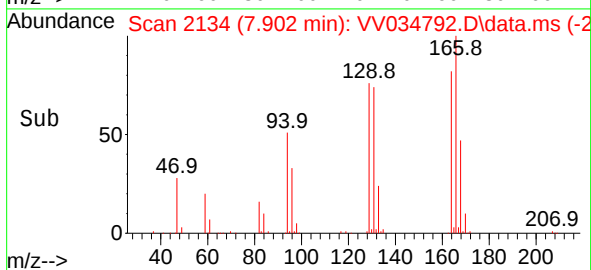
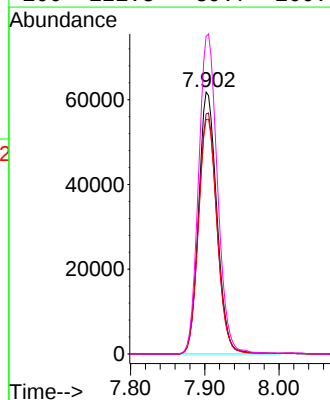
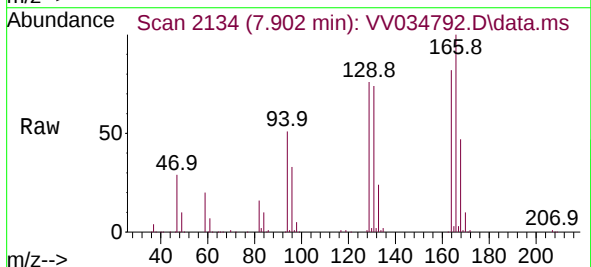
Instrument :
MSVOA_V
ClientSampleId :

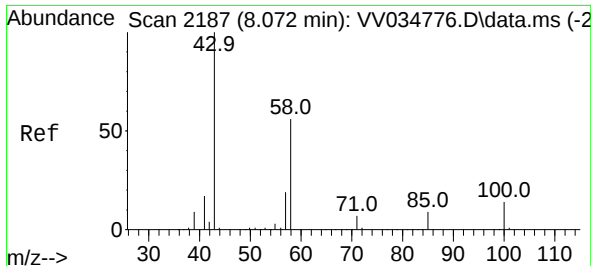
Tgt Ion:	97	Resp:	142443
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.8	81.4
83	87.9	59.4	110.2
85	54.5	38.4	71.4



#46
Tetrachloroethene
Concen: 51.241 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

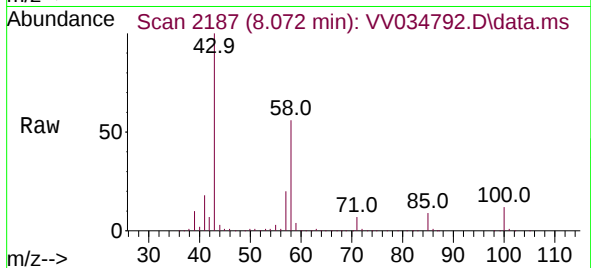
Tgt Ion:	164	Resp:	105976
Ion	Ratio	Lower	Upper
164	100		
129	91.6	65.7	121.9
131	89.5	62.2	115.6
166	121.3	89.7	166.7



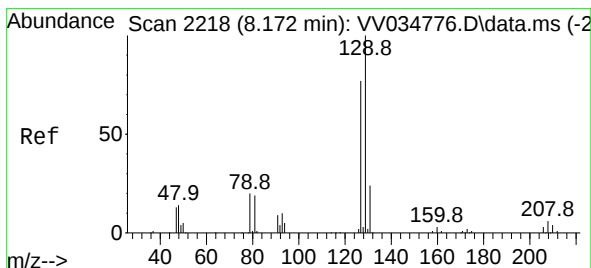
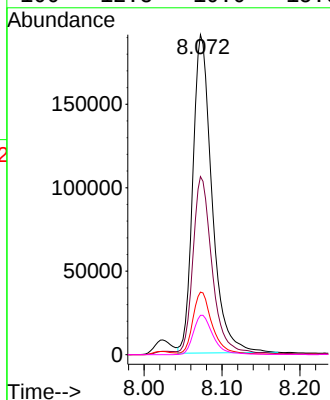
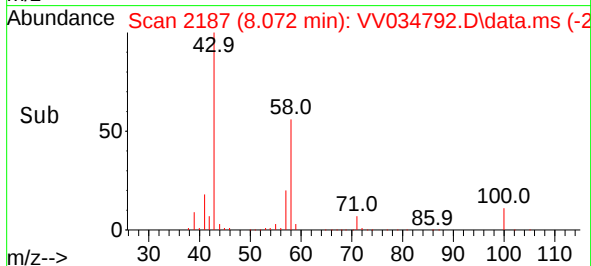


#48
2-Hexanone
Concen: 108.331 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Instrument :
MSVOA_V
ClientSampleId :

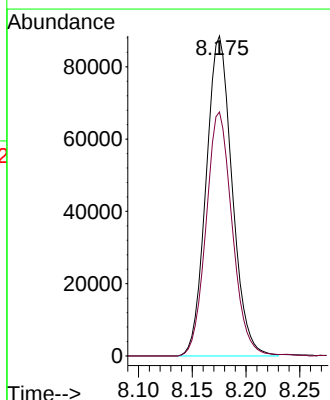
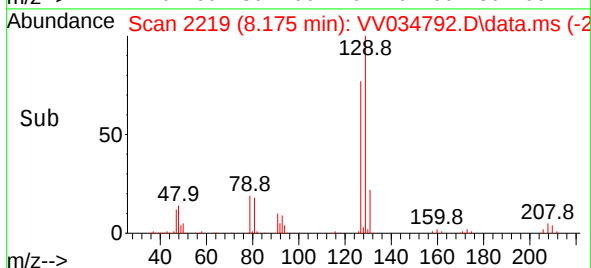
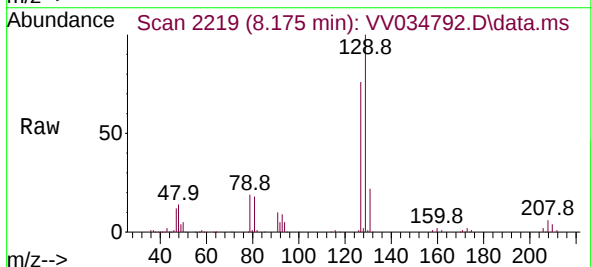


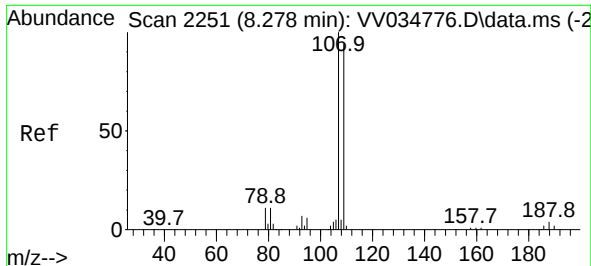
Tgt Ion: 43 Resp: 326038
Ion Ratio Lower Upper
43 100
58 54.8 42.0 63.0
57 19.6 15.2 22.8
100 12.8 10.0 15.0



#49
Dibromochloromethane
Concen: 57.176 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Tgt Ion:129 Resp: 149115
Ion Ratio Lower Upper
129 100
127 76.2 53.3 98.9





#50

1,2-Dibromoethane

Concen: 55.744 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

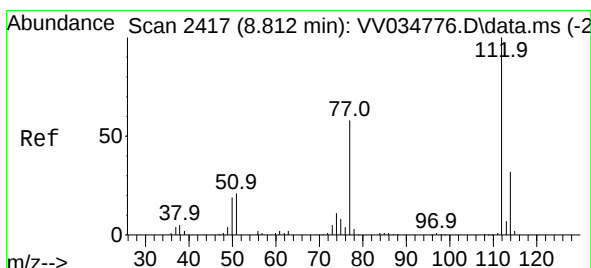
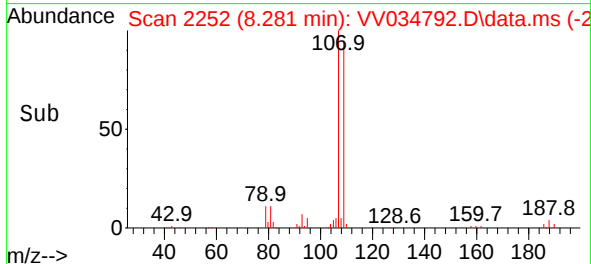
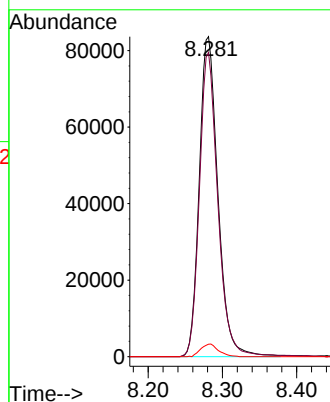
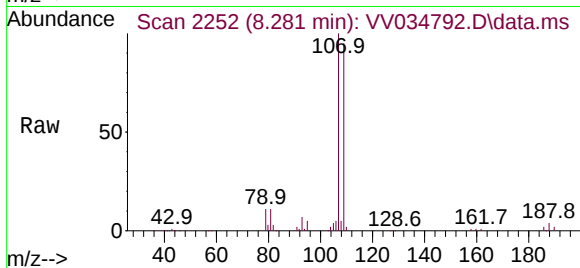
Tgt Ion:107 Resp: 146192

Ion Ratio Lower Upper

107 100

109 95.0 66.5 123.5

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 54.491 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

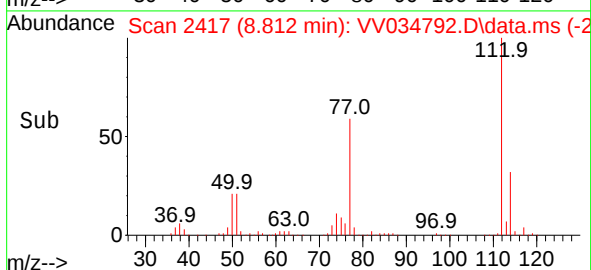
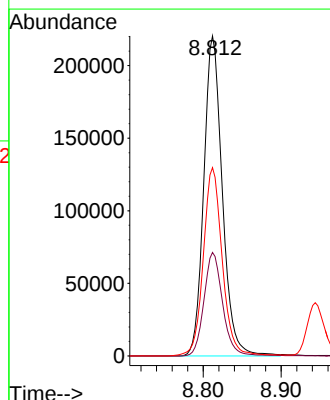
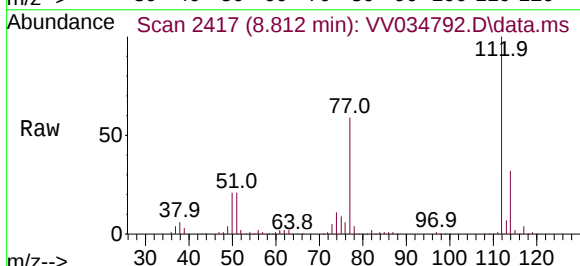
Tgt Ion:112 Resp: 364751

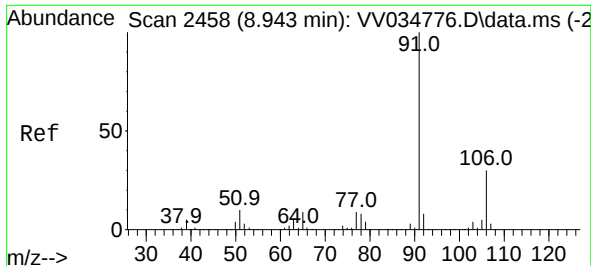
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 58.9 47.7 71.5

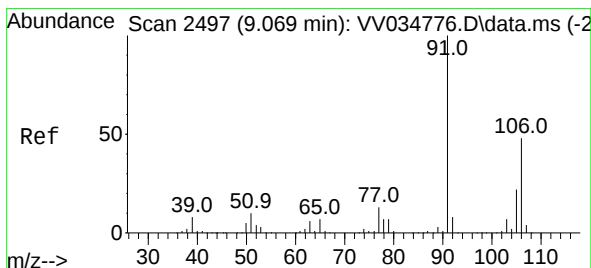
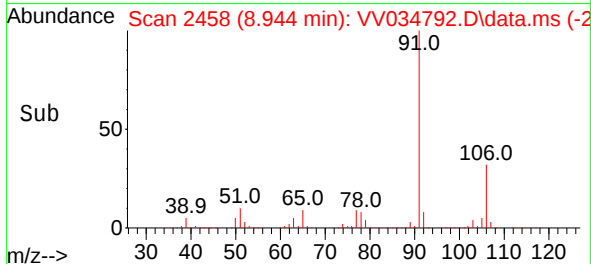
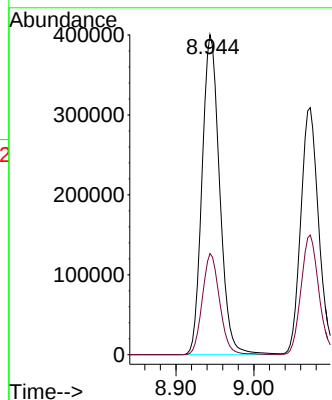
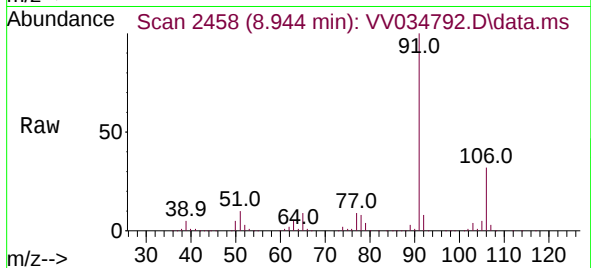




#52
Ethylbenzene
Concen: 54.156 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

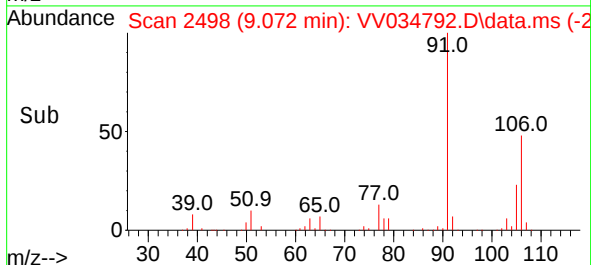
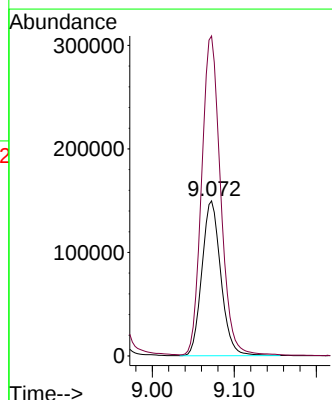
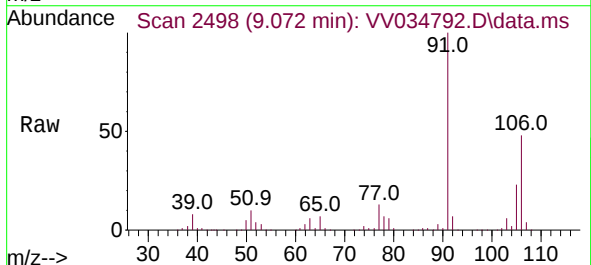
Instrument :
MSVOA_V
ClientSampleId :

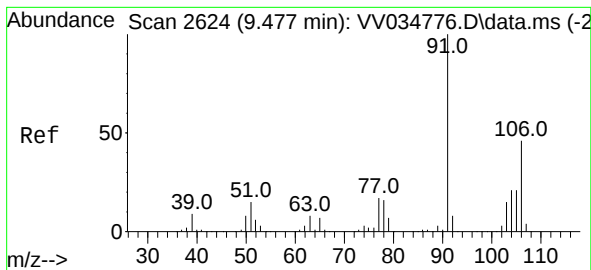
Tgt Ion: 91 Resp: 628312
Ion Ratio Lower Upper
91 100
106 31.6 21.3 39.5



#53
m,p-Xylene
Concen: 54.461 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Tgt Ion: 106 Resp: 239770
Ion Ratio Lower Upper
106 100
91 206.3 145.3 269.9





#54

o-Xylene

Concen: 55.226 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

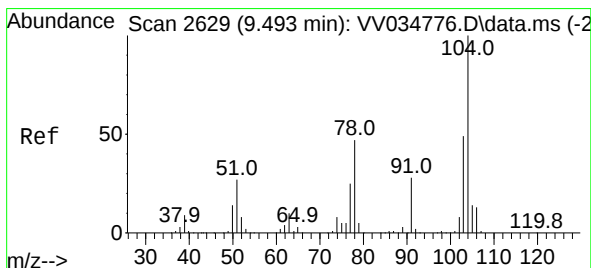
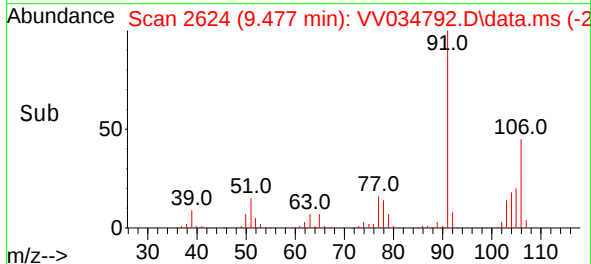
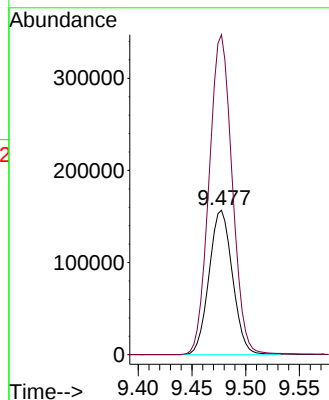
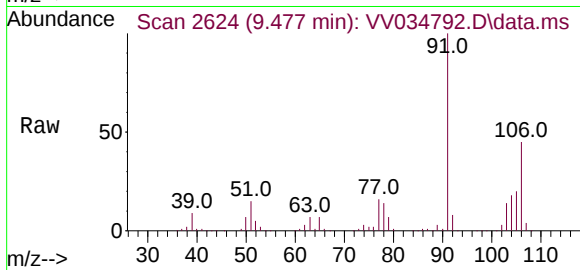
ClientSampleId :

Tgt Ion:106 Resp: 238087

Ion Ratio Lower Upper

106 100

91 221.4 152.2 282.7



#55

Styrene

Concen: 57.179 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV034792.D

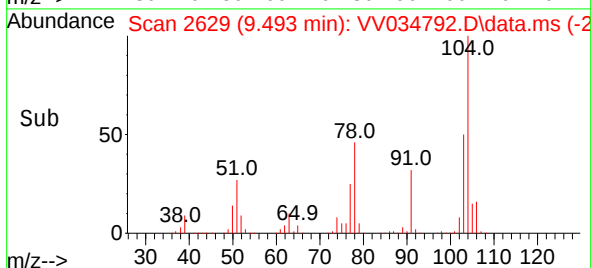
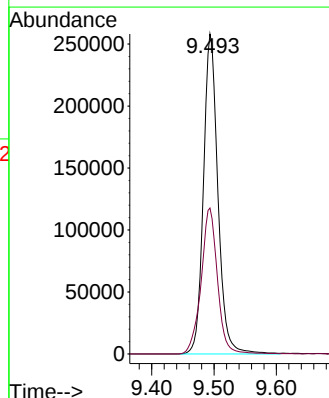
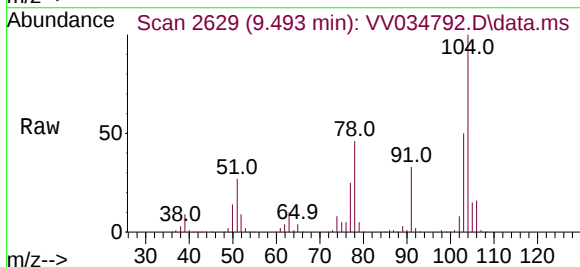
Acq: 21 Mar 2024 16:46

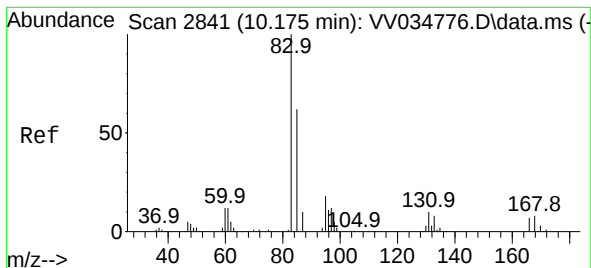
Tgt Ion:104 Resp: 417374

Ion Ratio Lower Upper

104 100

78 45.6 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 59.752 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

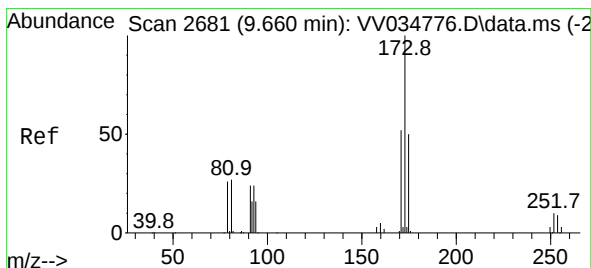
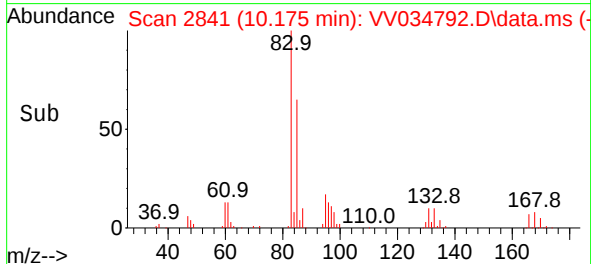
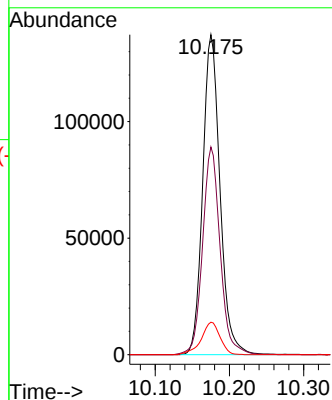
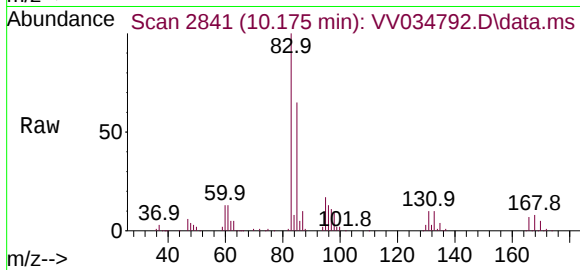
Tgt Ion: 83 Resp: 221798

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2

131 10.2 8.3 12.5



#59

Bromoform

Concen: 54.825 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

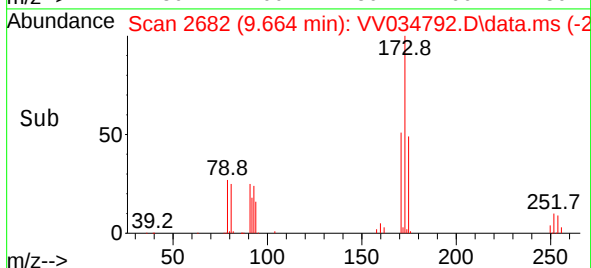
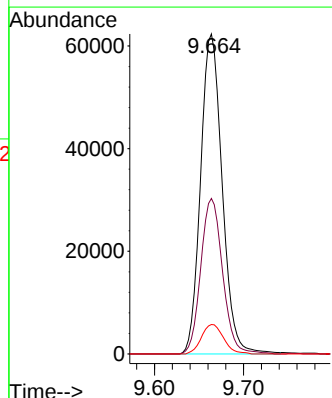
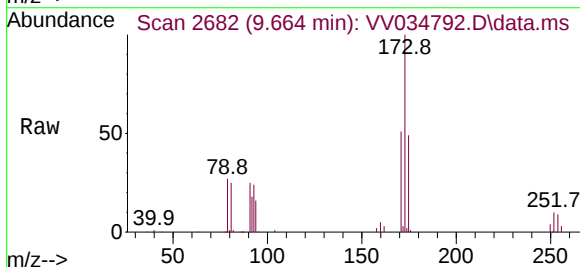
Tgt Ion:173 Resp: 105041

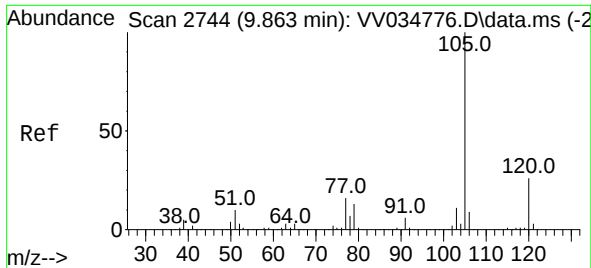
Ion Ratio Lower Upper

173 100

175 49.1 39.1 58.7

254 9.4 7.8 11.8

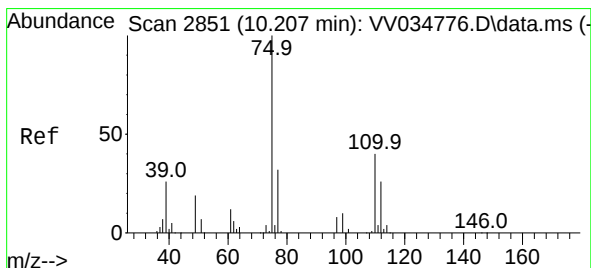
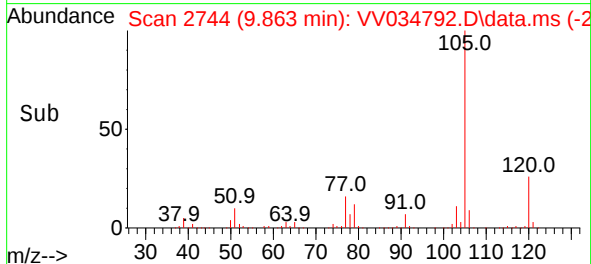
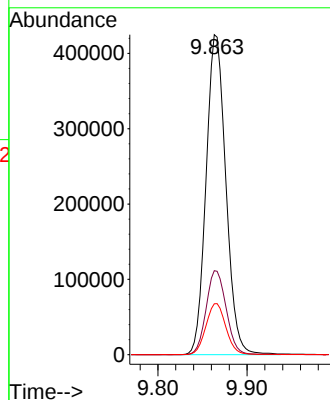
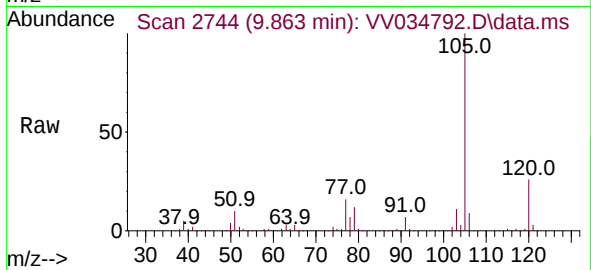




#60
Isopropylbenzene
Concen: 53.636 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

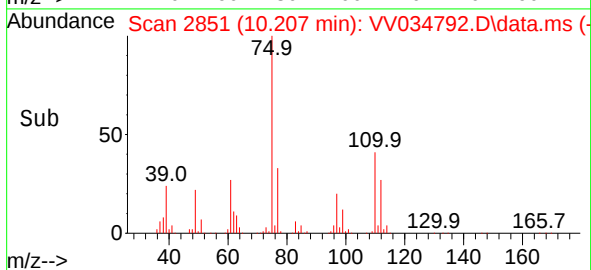
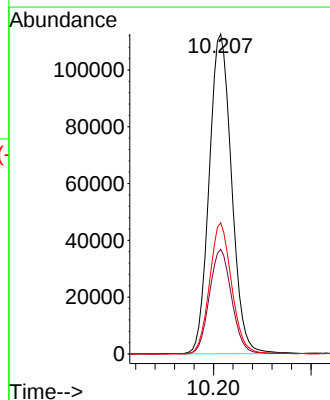
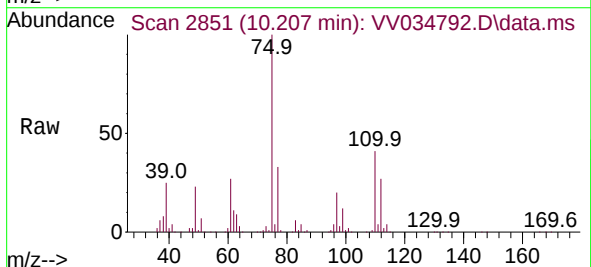
Instrument :
MSVOA_V
ClientSampleId :

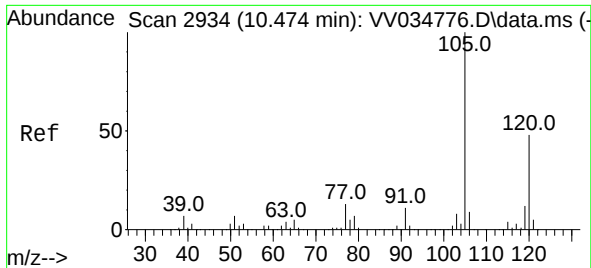
Tgt Ion:105 Resp: 655531
Ion Ratio Lower Upper
105 100
120 26.7 20.8 31.2
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 54.349 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034792.D
Acq: 21 Mar 2024 16:46

Tgt Ion: 75 Resp: 179278
Ion Ratio Lower Upper
75 100
77 32.8 25.9 38.9
110 40.4 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 53.652 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

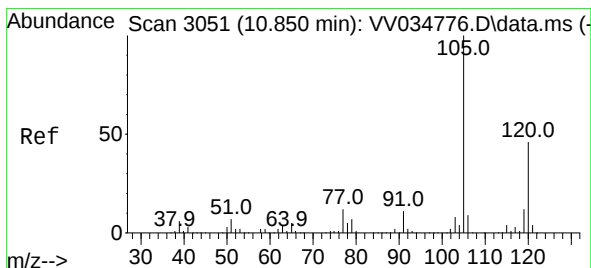
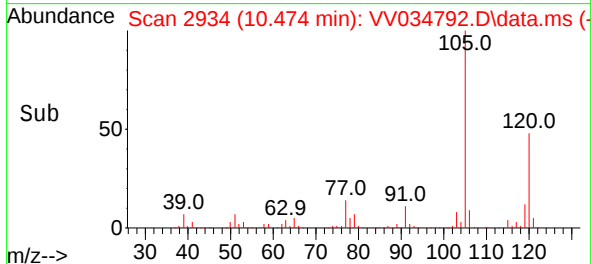
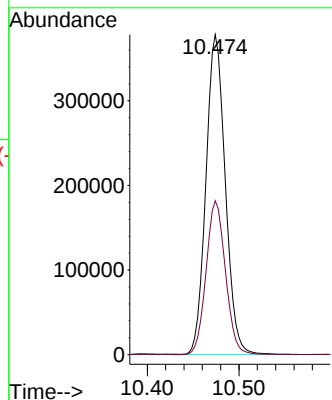
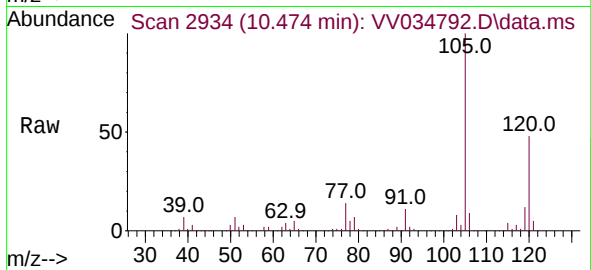
ClientSampleId :

Tgt Ion:105 Resp: 553138

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 54.278 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034792.D

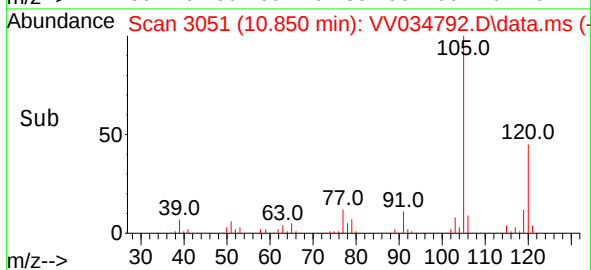
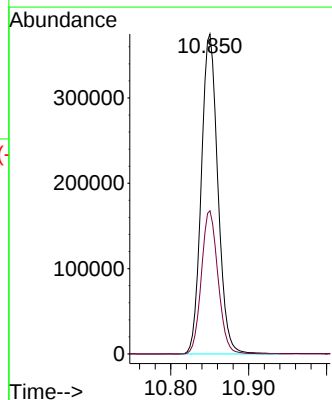
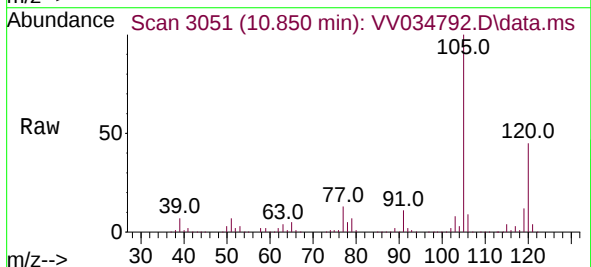
Acq: 21 Mar 2024 16:46

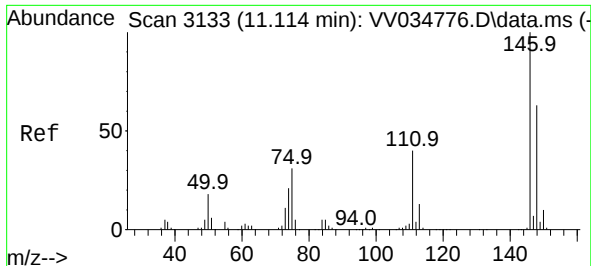
Tgt Ion:105 Resp: 553449

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 54.194 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

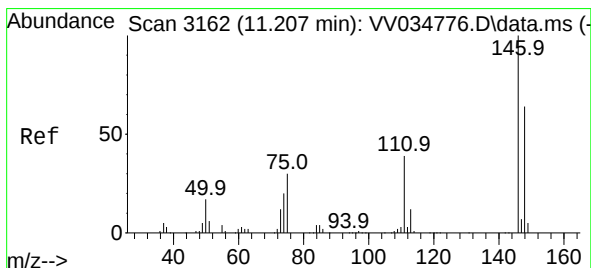
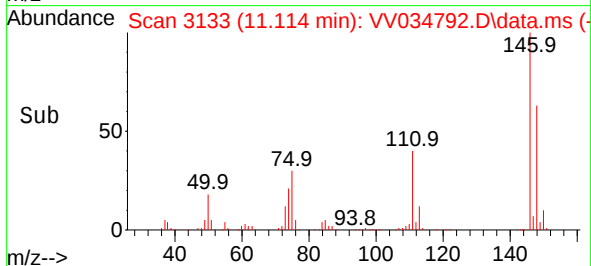
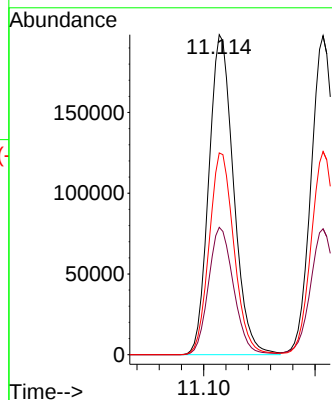
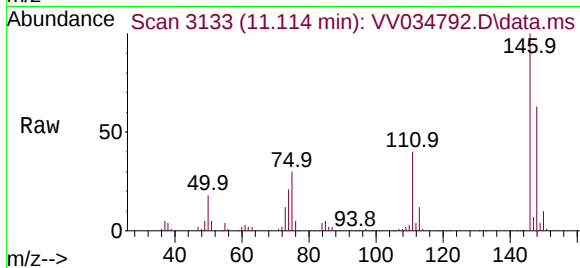
Tgt Ion:146 Resp: 306240

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 63.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 53.743 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

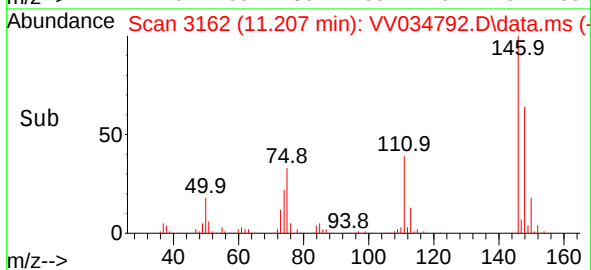
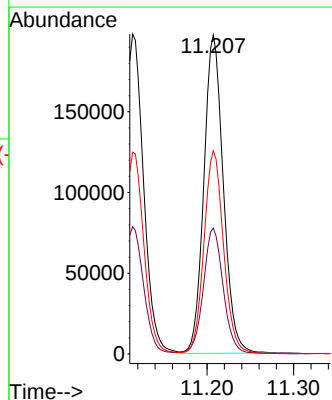
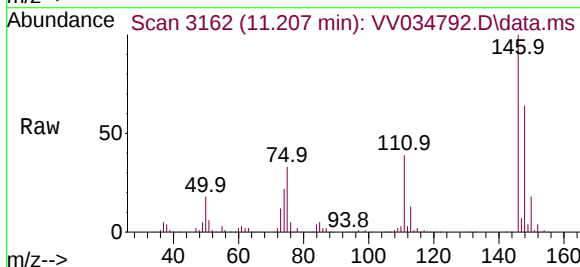
Tgt Ion:146 Resp: 308404

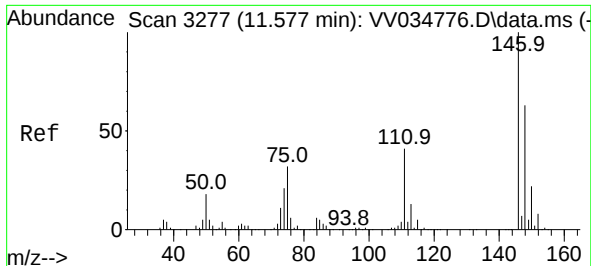
Ion Ratio Lower Upper

146 100

111 39.5 26.5 49.1

148 63.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 55.214 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

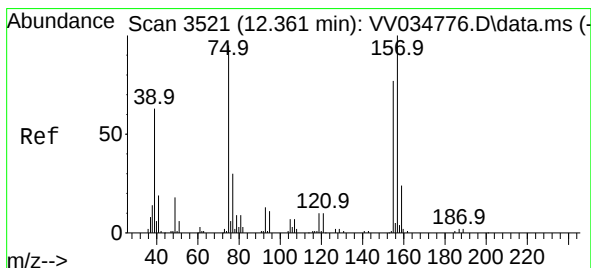
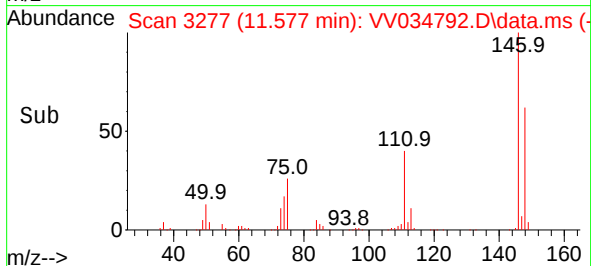
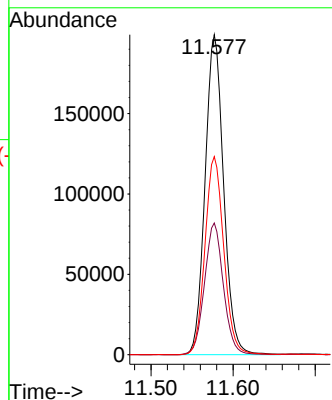
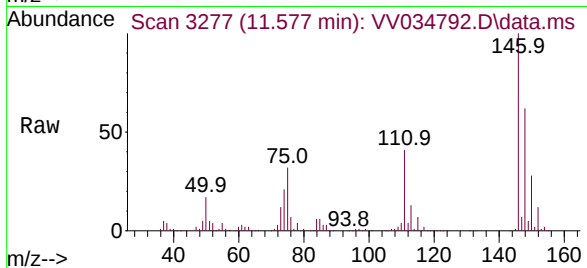
Tgt Ion:146 Resp: 312642

Ion Ratio Lower Upper

146 100

111 41.1 33.8 50.8

148 61.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 52.450 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

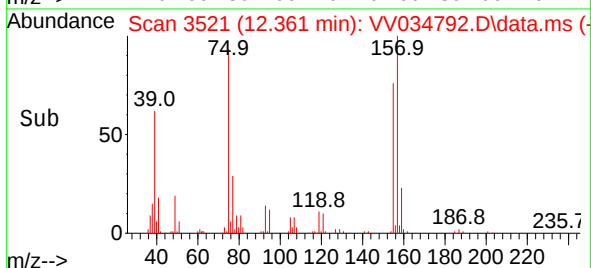
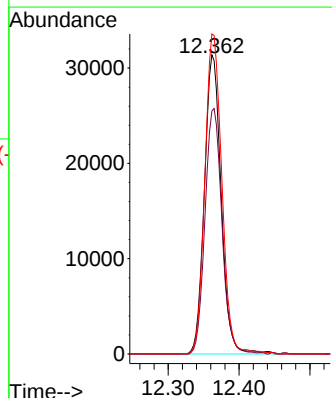
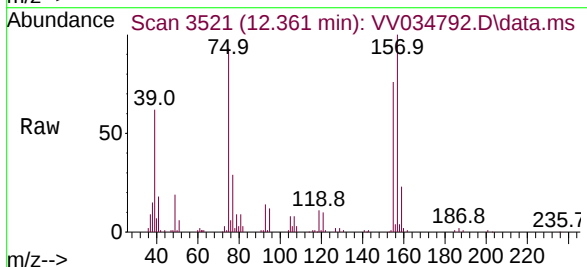
Tgt Ion: 75 Resp: 51539

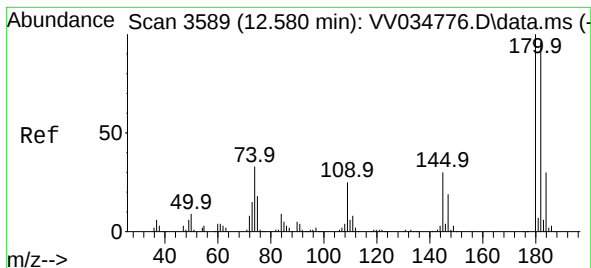
Ion Ratio Lower Upper

75 100

155 81.3 63.3 94.9

157 107.0 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 52.732 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

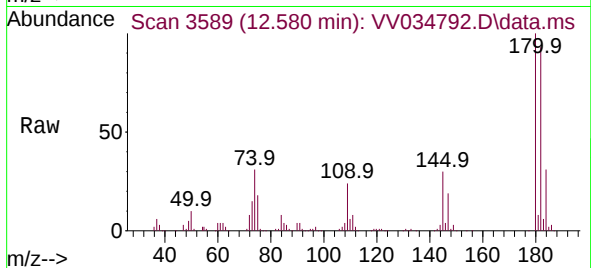
Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 223542

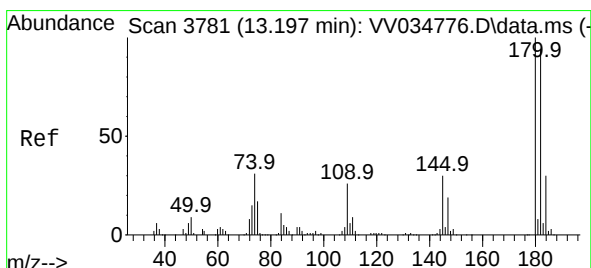
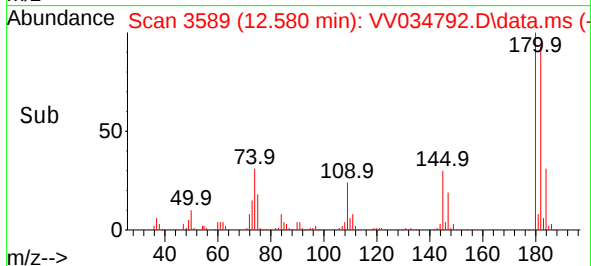
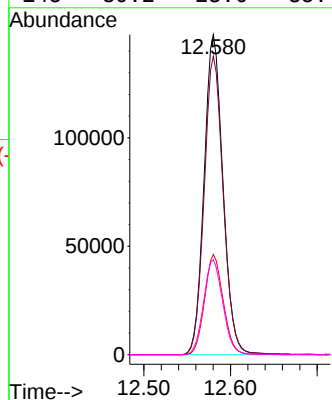
Ion Ratio Lower Upper

180 100

182 94.2 74.6 112.0

184 30.7 23.6 35.4

145 30.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.793 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

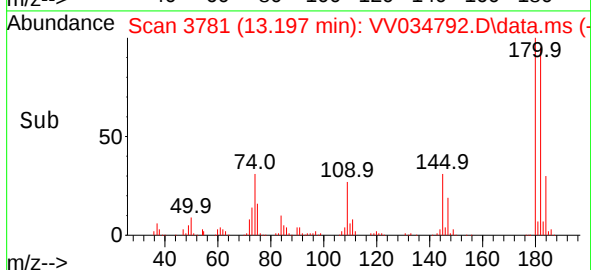
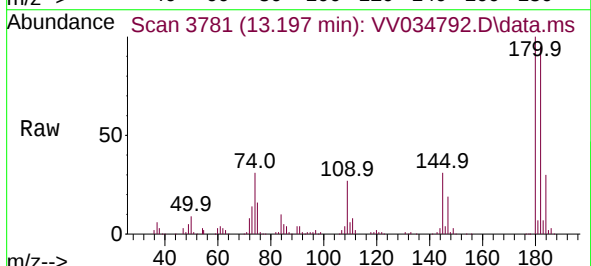
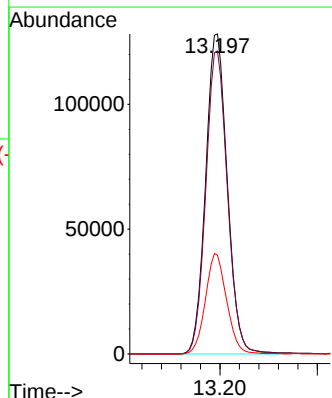
Tgt Ion:180 Resp: 197562

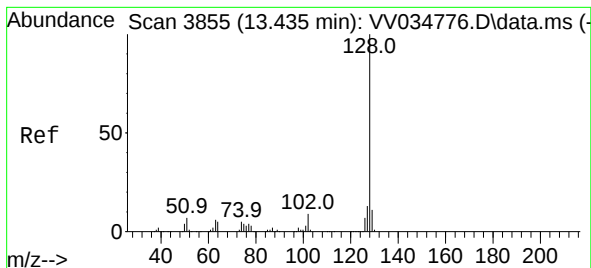
Ion Ratio Lower Upper

180 100

182 94.7 74.8 112.2

145 30.7 24.2 36.4





#71

Naphthalene

Concen: 49.357 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Instrument :

MSVOA_V

ClientSampleId :

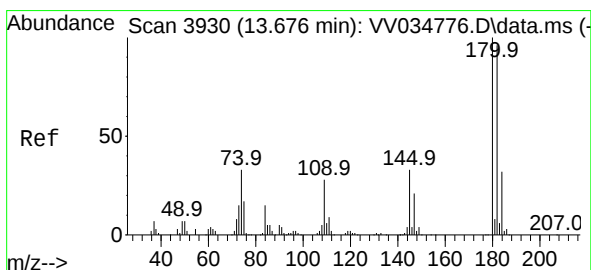
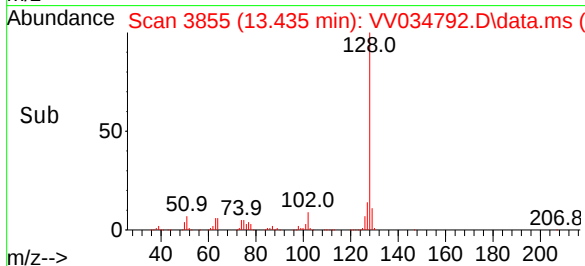
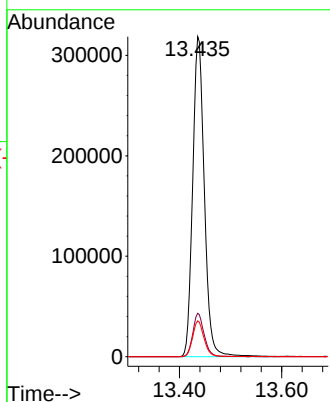
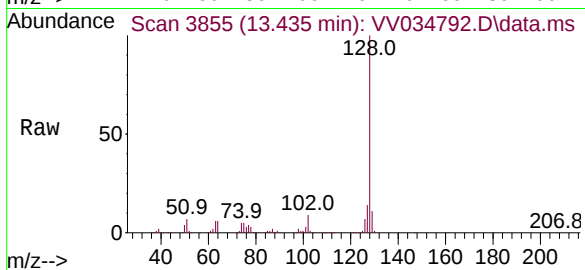
Tgt Ion:128 Resp: 503615

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.147 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV034792.D

Acq: 21 Mar 2024 16:46

Tgt Ion:180 Resp: 194048

Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 33.2 25.5 38.3

