

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032457.D
 Acq On : 17 Oct 2023 19:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 06:07:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	121516	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	130683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36416	3.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.532	69	32827	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.060	65	15863	3.806	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.812	46	125189	50.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.160%
24) Chloroform-d	4.253	84	79527	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	4.947	65	38607	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	140681	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	5.992	67	44939	3.527	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.600%
41) Toluene-d8	7.246	98	135514	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.558	79	17856	3.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.031	63	106977	50.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41390	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	50702	4.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	68824	5.083	ug/L	98
3) Chloromethane	1.217	50	70722	5.181	ug/L	100
5) Vinyl chloride	1.282	62	69985	5.375	ug/L	98
6) Bromomethane	1.487	94	36837	4.684	ug/L	98
8) Chloroethane	1.548	64	44471	5.674	ug/L	100
9) Trichlorofluoromethane	1.712	101	83494	5.347	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	50668	5.355	ug/L	99
12) 1,1-Dichloroethene	2.069	96	49239	5.525	ug/L	86
13) Acetone	2.143	43	98620	51.181	ug/L	96
14) Carbon disulfide	2.240	76	145556	4.672	ug/L	99
15) Methyl Acetate	2.388	43	23341	5.381	ug/L	97
16) Methylene chloride	2.449	84	58088	4.999	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	138085	5.691	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	54431	5.332	ug/L	98
19) 1,1-Dichloroethane	3.114	63	106498	5.546	ug/L	99
21) 2-Butanone	3.892	43	158291	52.532	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	59660	5.428	ug/L	92
23) Bromochloromethane	4.153	128	25204	5.451	ug/L	98
25) Chloroform	4.278	83	109171	5.794	ug/L	98

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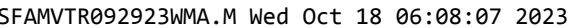
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 ClientSampleId :

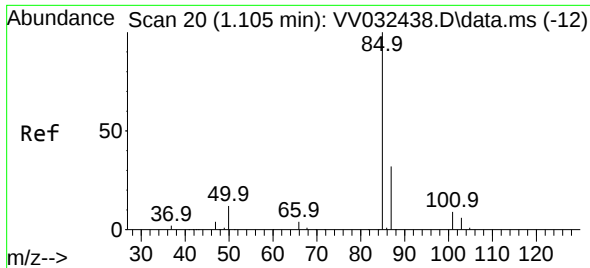
Quant Time: Oct 18 06:07:58 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	66175	5.945	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	90078	5.070	ug/L	99
30) Cyclohexane	4.584	56	79813	4.088	ug/L	97
31) Carbon tetrachloride	4.738	117	75165	5.000	ug/L	98
33) Benzene	5.015	78	224145	4.872	ug/L	100
34) Trichloroethene	5.834	95	57864	4.607	ug/L	97
35) Methylcyclohexane	6.050	83	72116	3.710	ug/L	88
37) 1,2-Dichloropropane	6.095	63	61794	5.022	ug/L	99
38) Bromodichloromethane	6.436	83	78964	5.401	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	84035	4.799	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	397103	50.997	ug/L	99
42) Toluene	7.317	91	272565	5.557	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	67795	4.711	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	43984	5.067	ug/L	99
47) Tetrachloroethene	7.905	164	45311	4.757	ug/L	99
48) 2-Hexanone	8.079	43	281923	51.315	ug/L	100
49) Dibromochloromethane	8.178	129	46638	5.161	ug/L	99
50) 1,2-Dibromoethane	8.285	107	41878	5.101	ug/L	96
51) Chlorobenzene	8.818	112	161801	5.124	ug/L	100
52) Ethylbenzene	8.950	91	279925	5.125	ug/L	100
53) m,p-Xylene	9.075	106	114986	5.677	ug/L	99
54) o-Xylene	9.481	106	102292	5.241	ug/L	100
55) Styrene	9.500	104	171800	5.212	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	52399	5.486	ug/L	100
59) Bromoform	9.670	173	23927	5.000	ug/L	98
60) Isopropylbenzene	9.870	105	266429	5.210	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	38737	5.531	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	213172	5.114	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	224094	5.400	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	125207	5.125	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	124478	5.079	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	115359	5.177	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	8180	5.716	ug/L	87
69) 1,3,5-Trichlorobenzene	12.587	180	88480	4.945	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	76257	4.805	ug/L	98
71) Naphthalene	13.442	128	139715	5.182	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	68064	4.978	ug/L	99

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

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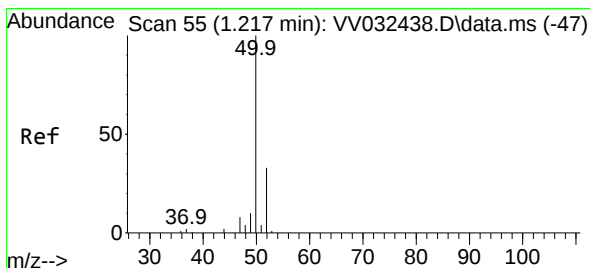
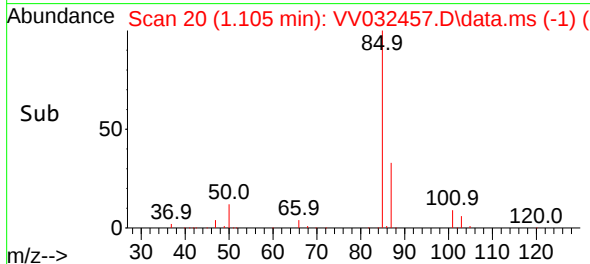
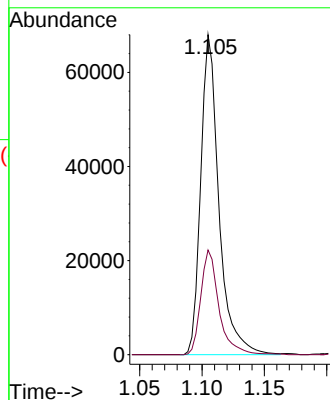
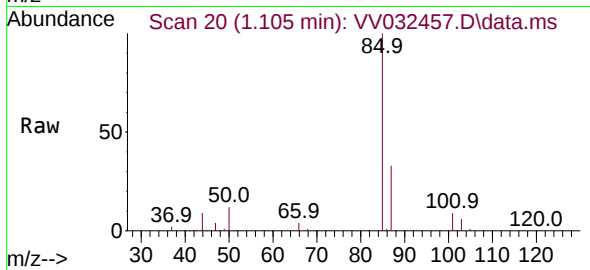




#2
 Dichlorodifluoromethane
 Concen: 5.083 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

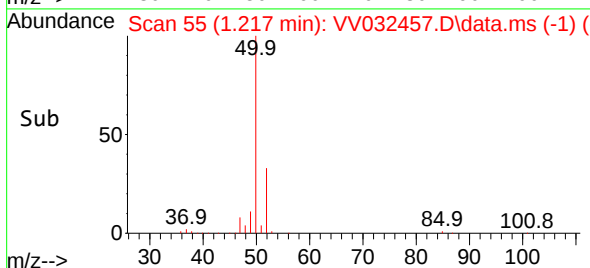
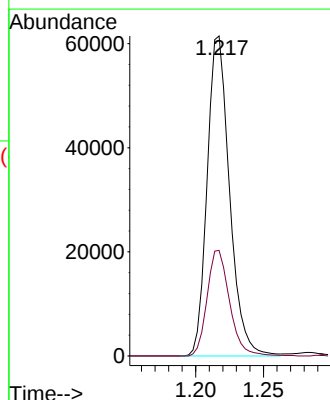
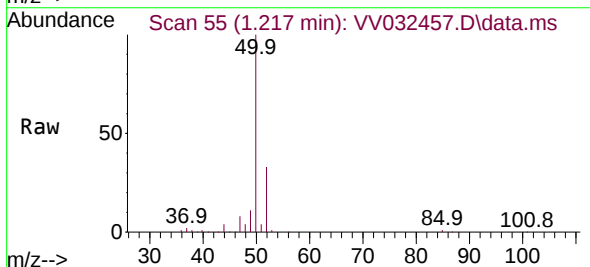
Instrument :
 MSVOA_V
 ClientSampleId :

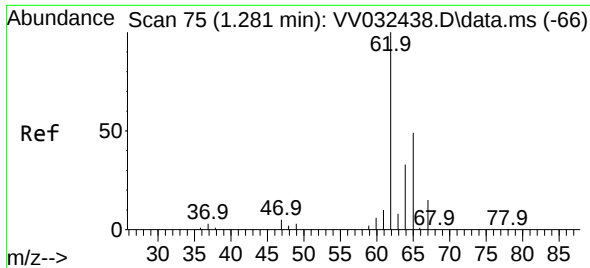
Tgt Ion: 85 Resp: 68824
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 5.181 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

Tgt Ion: 50 Resp: 70722
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6

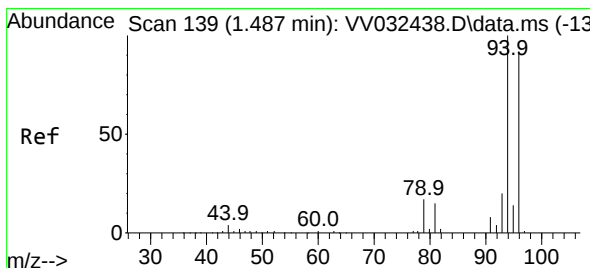
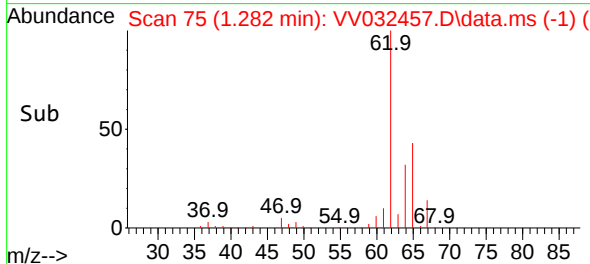
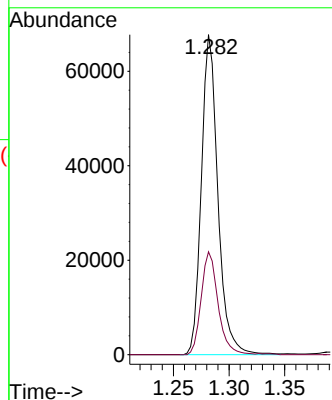
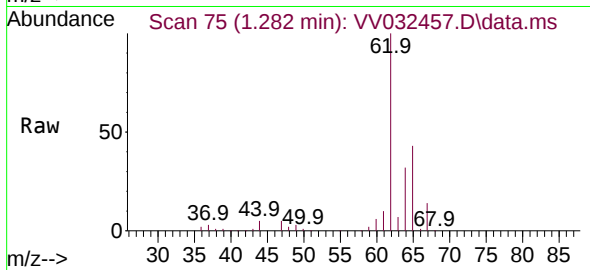




#5
 Vinyl chloride
 Concen: 5.375 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

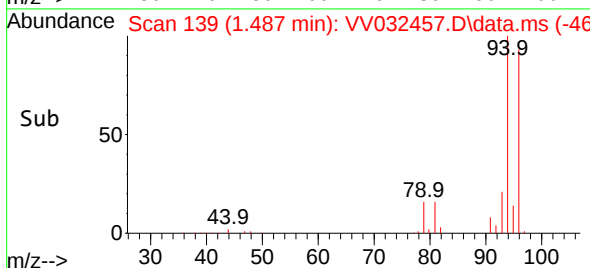
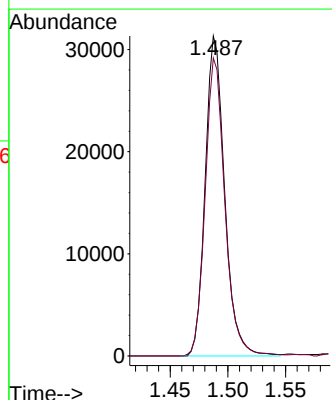
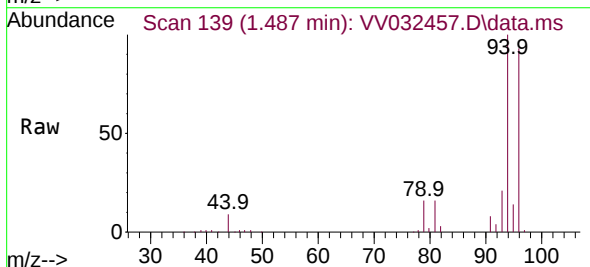
Instrument :
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 ClientSampleId :

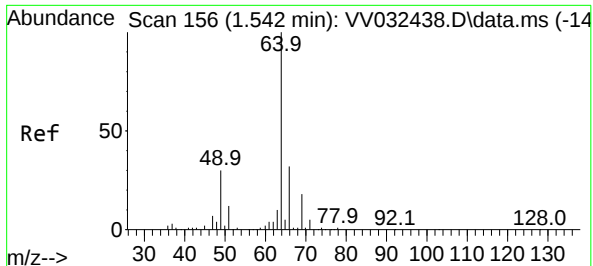
Tgt Ion: 62 Resp: 69985
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.684 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

Tgt Ion: 94 Resp: 36837
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.8 124.2





#8

Chloroethane

Concen: 5.674 ug/L

RT: 1.548 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

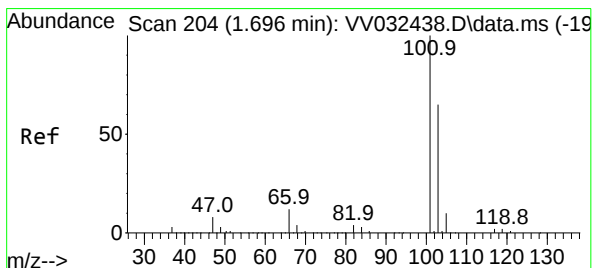
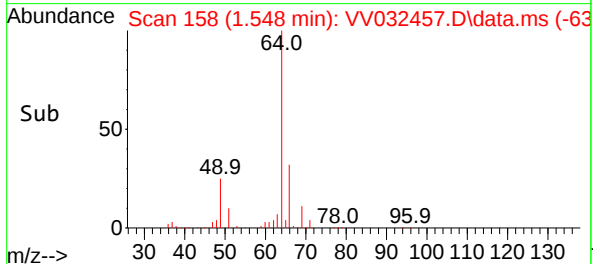
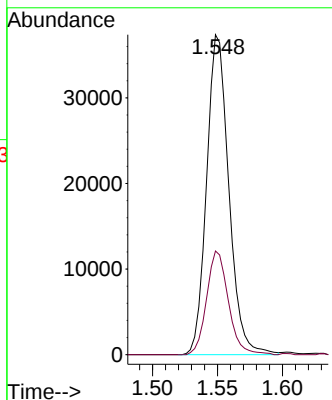
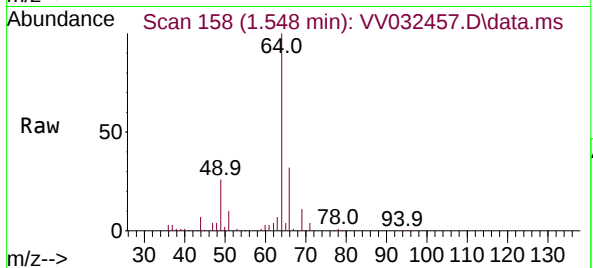
ClientSampleId :

Tgt Ion: 64 Resp: 44471

Ion Ratio Lower Upper

64 100

66 32.4 22.6 42.0



#9

Trichlorofluoromethane

Concen: 5.347 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.016 min

Lab File: VV032457.D

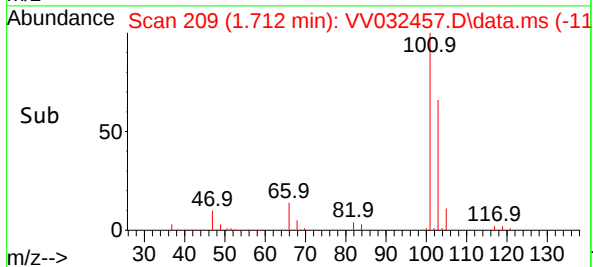
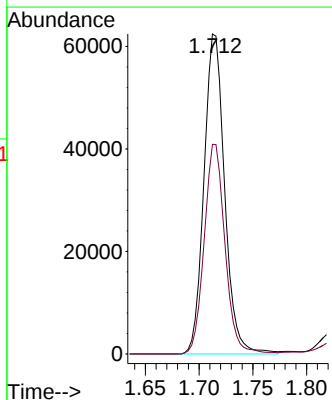
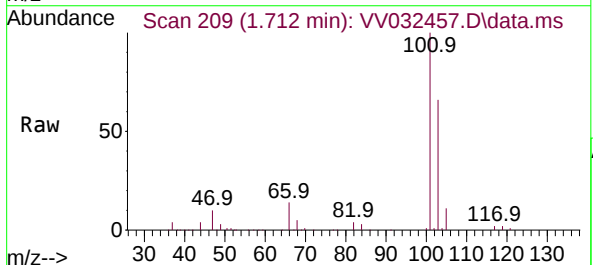
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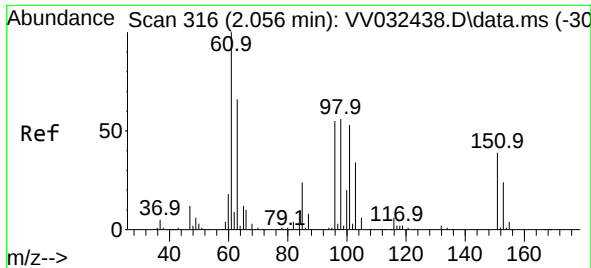
Tgt Ion:101 Resp: 83494

Ion Ratio Lower Upper

101 100

103 65.9 51.4 77.2

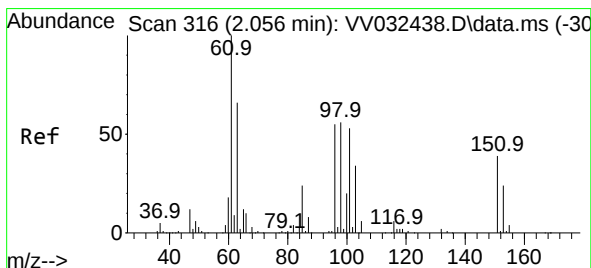
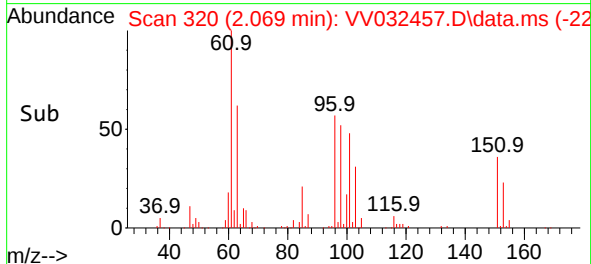
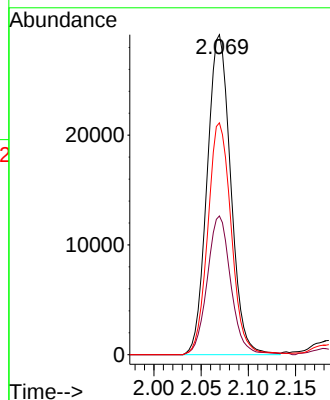
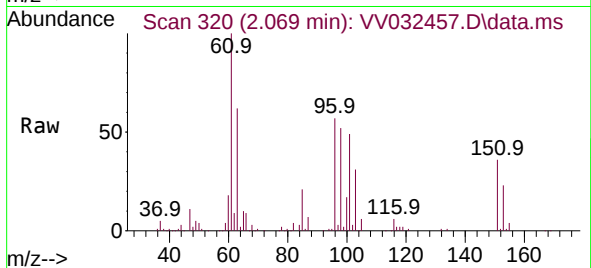




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.355 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

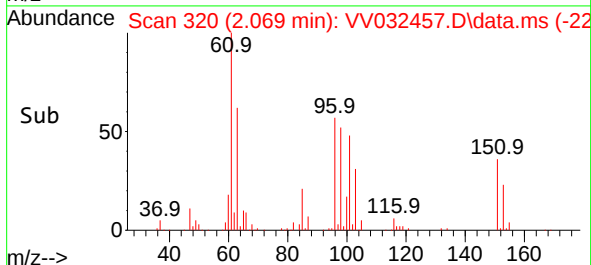
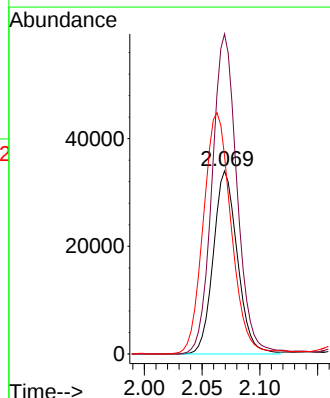
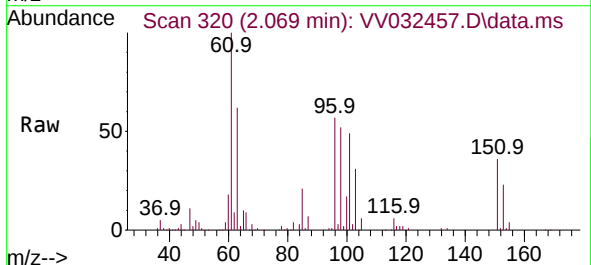
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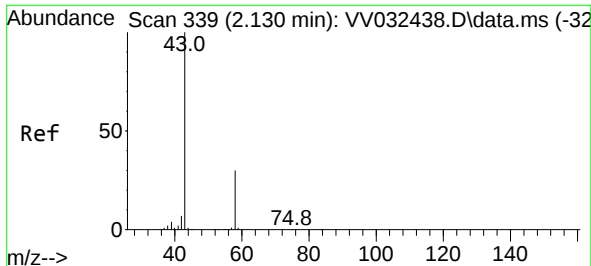
Tgt Ion:101 Resp: 50668
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.0 52.6
 151 72.0 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.525 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.013 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

Tgt Ion: 96 Resp: 49239
 Ion Ratio Lower Upper
 96 100
 61 174.8 127.3 236.3
 63 108.4 98.3 182.7





#13

Acetone

Concen: 51.181 ug/L

RT: 2.143 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

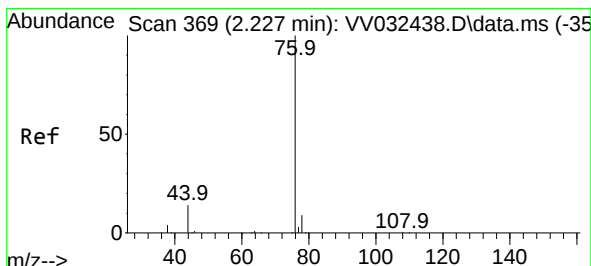
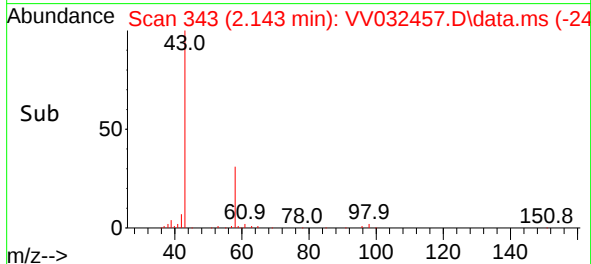
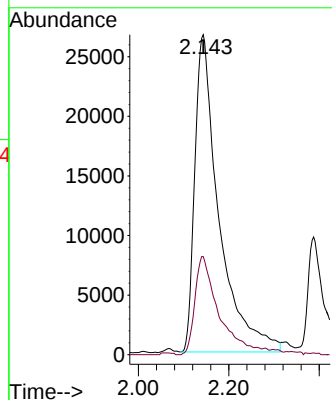
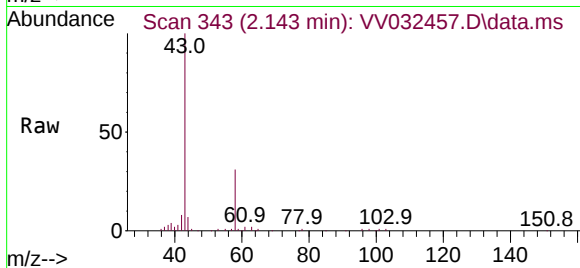
ClientSampleId :

Tgt Ion: 43 Resp: 98620

Ion Ratio Lower Upper

43 100

58 30.6 0.0 66.0



#14

Carbon disulfide

Concen: 4.672 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.013 min

Lab File: VV032457.D

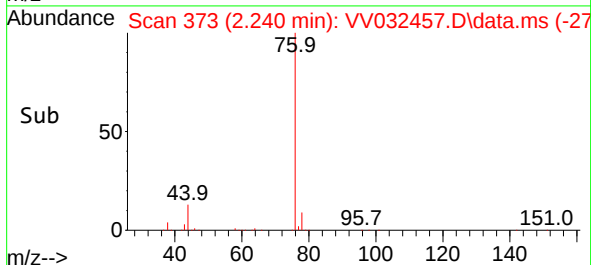
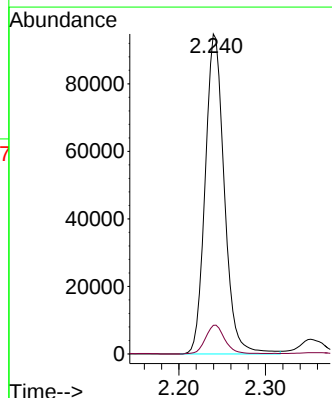
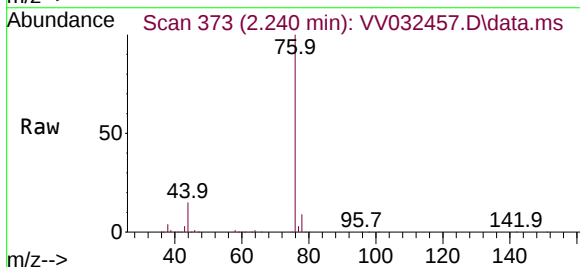
Acq: 17 Oct 2023 19:55

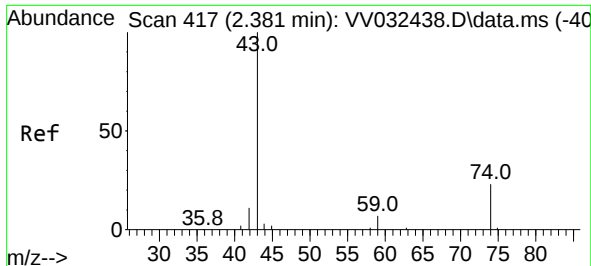
Tgt Ion: 76 Resp: 145556

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

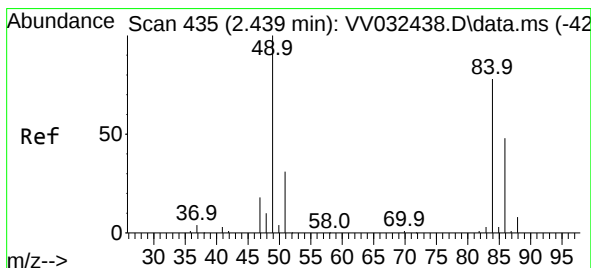
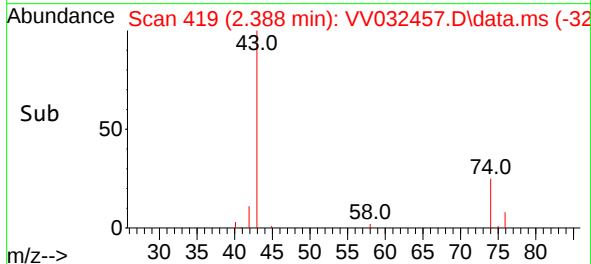
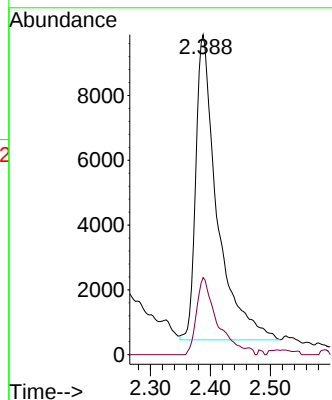
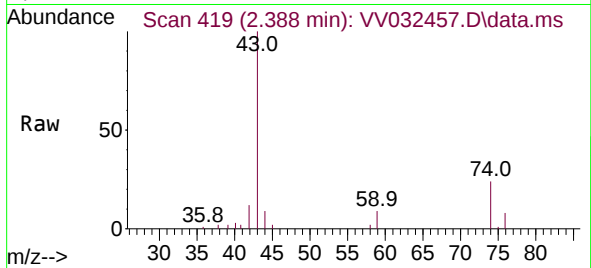




#15
Methyl Acetate
Concen: 5.381 ug/L
RT: 2.388 min Scan# 417
Delta R.T. 0.007 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

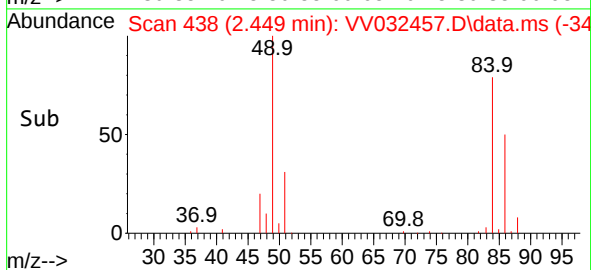
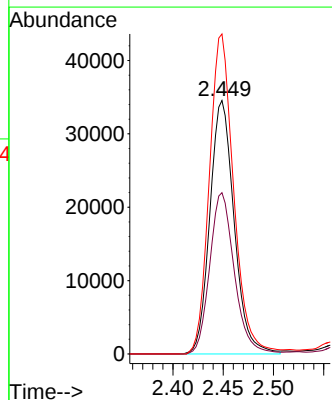
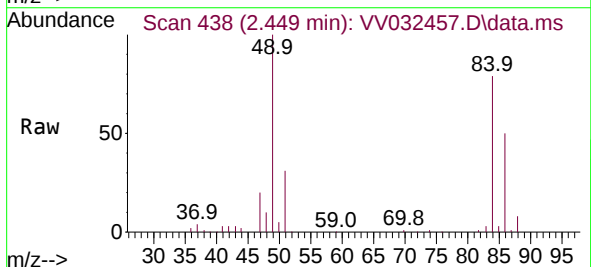
Instrument :
MSVOA_V
ClientSampleId :

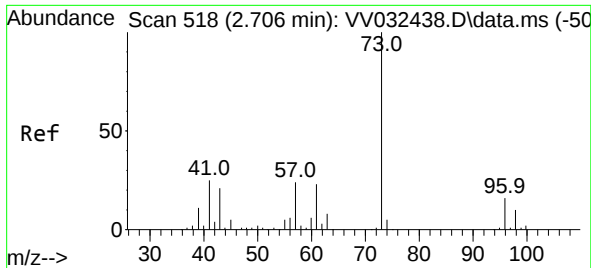
Tgt Ion: 43 Resp: 23341
Ion Ratio Lower Upper
43 100
74 24.1 18.0 27.0



#16
Methylene chloride
Concen: 4.999 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.010 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 84 Resp: 58088
Ion Ratio Lower Upper
84 100
86 63.6 43.2 80.2
49 126.2 86.3 160.3

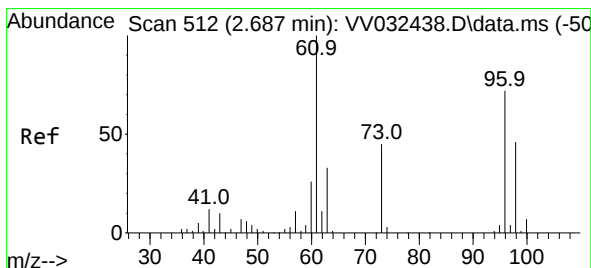
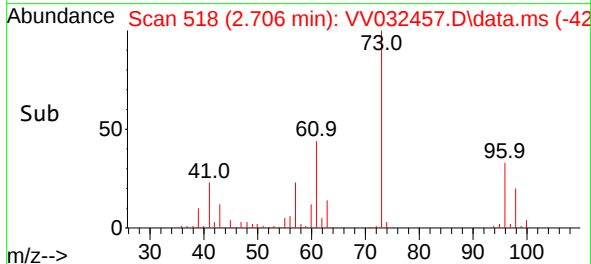
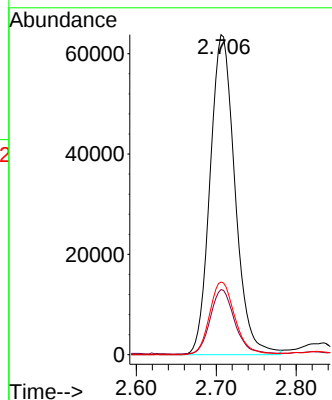
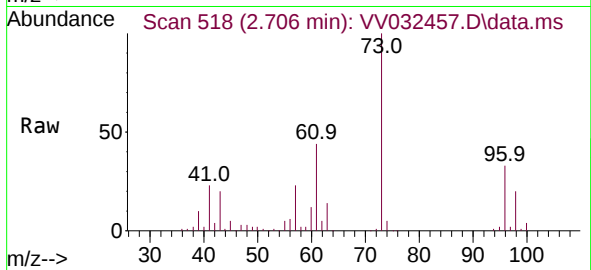




#17
Methyl tert-butyl Ether
Concen: 5.691 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

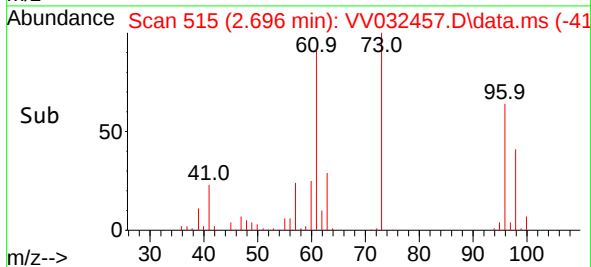
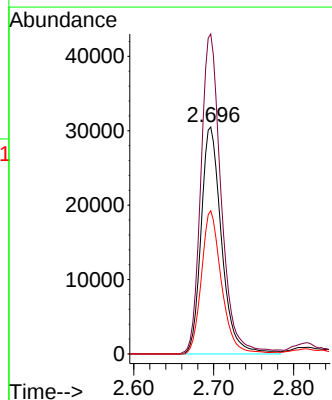
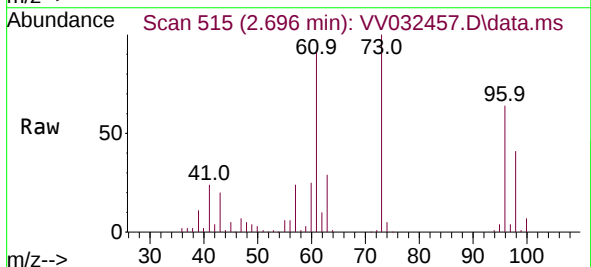
Instrument :
MSVOA_V
ClientSampleId :

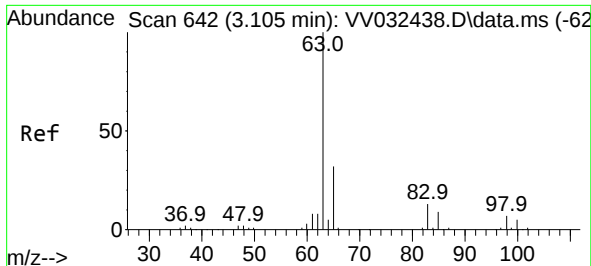
Tgt Ion: 73 Resp: 138085
Ion Ratio Lower Upper
73 100
43 19.8 15.1 22.7
57 23.1 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.332 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.010 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 96 Resp: 54431
Ion Ratio Lower Upper
96 100
61 141.1 96.9 180.1
98 63.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.546 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

ClientSampleId :

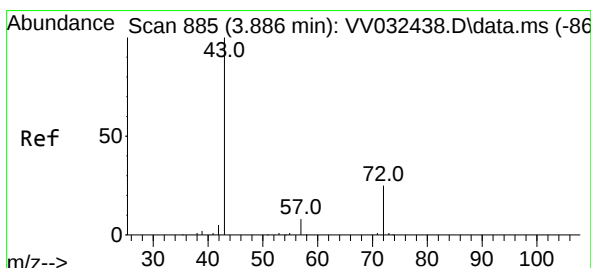
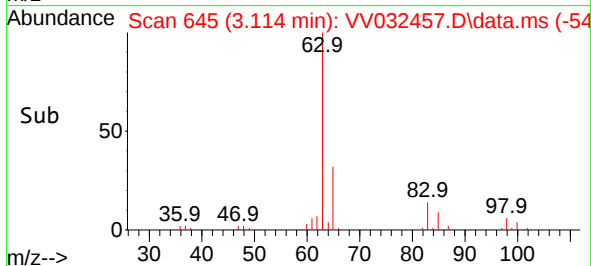
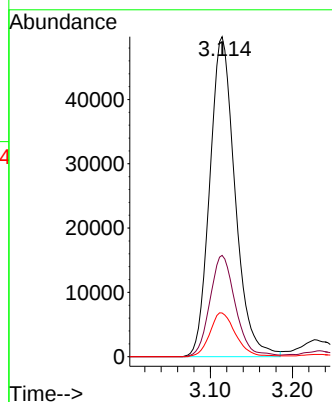
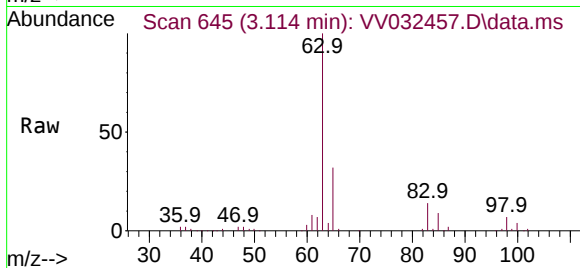
Tgt Ion: 63 Resp: 106498

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 13.7 9.0 16.6



#21

2-Butanone

Concen: 52.532 ug/L

RT: 3.892 min Scan# 887

Delta R.T. 0.007 min

Lab File: VV032457.D

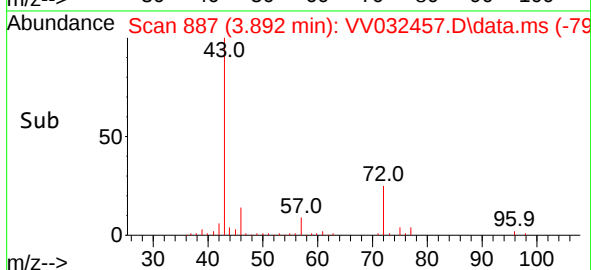
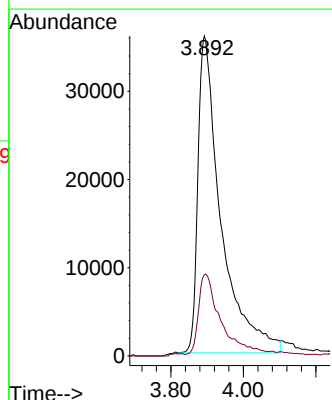
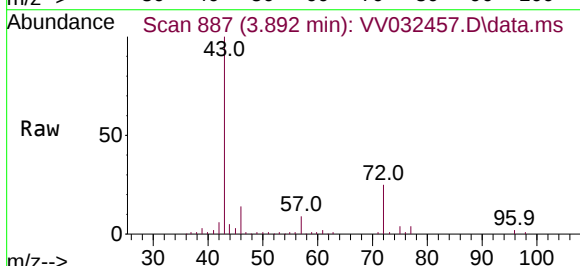
Acq: 17 Oct 2023 19:55

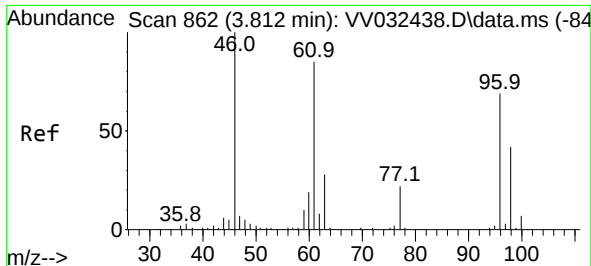
Tgt Ion: 43 Resp: 158291

Ion Ratio Lower Upper

43 100

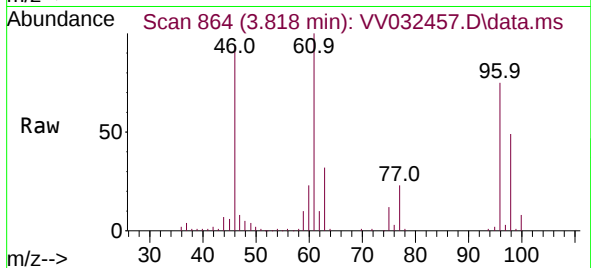
72 23.0 11.6 34.8



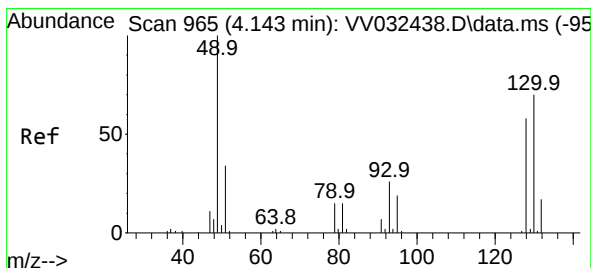
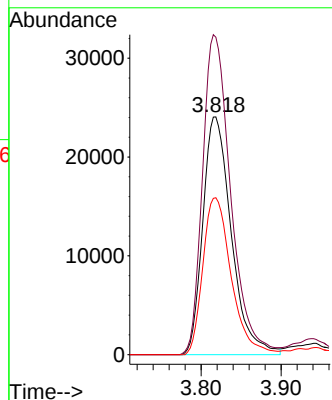
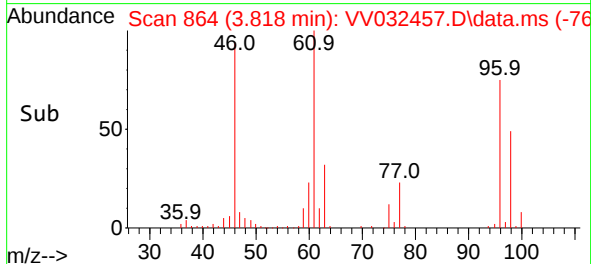


#22
 cis-1,2-Dichloroethene
 Concen: 5.428 ug/L
 RT: 3.818 min Scan# 862
 Delta R.T. 0.007 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

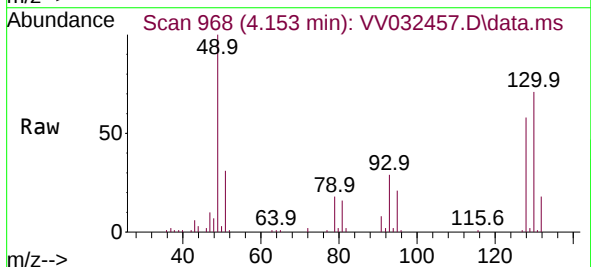
Instrument :
 MSVOA_V
 ClientSampleId :



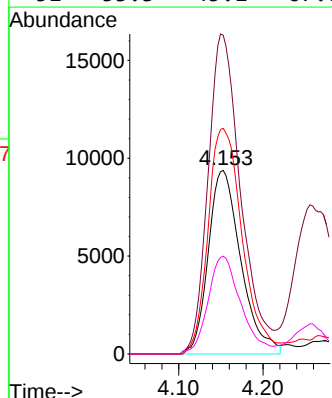
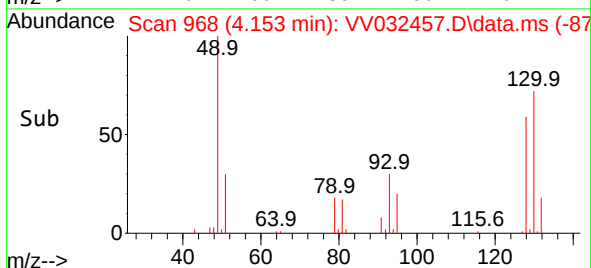
Tgt Ion: 96 Resp: 59660
 Ion Ratio Lower Upper
 96 100
 61 133.5 85.8 159.4
 98 66.0 44.0 81.6

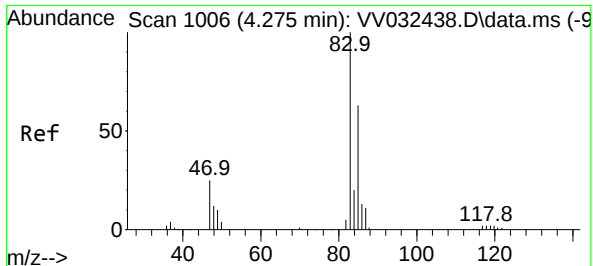


#23
 Bromochloromethane
 Concen: 5.451 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55



Tgt Ion: 128 Resp: 25204
 Ion Ratio Lower Upper
 128 100
 49 173.6 121.2 225.0
 130 122.9 88.2 163.8
 51 53.3 45.1 67.7





#25

Chloroform

Concen: 5.794 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

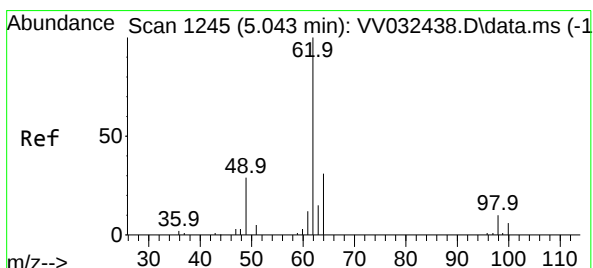
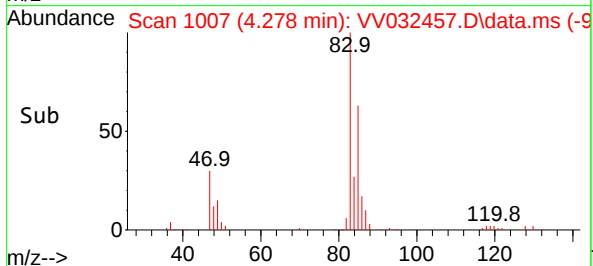
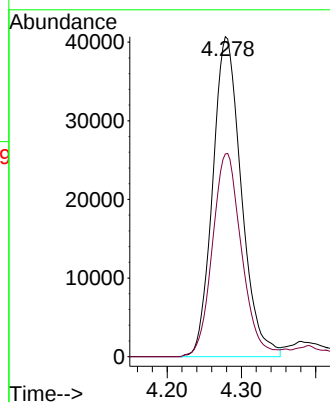
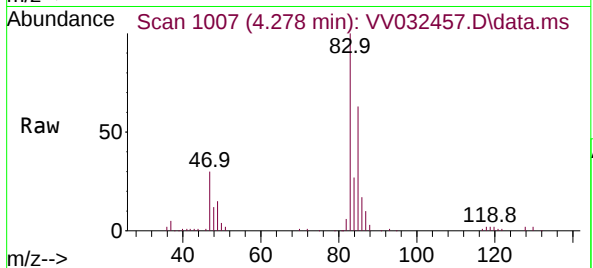
ClientSampleId :

Tgt Ion: 83 Resp: 109171

Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.945 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV032457.D

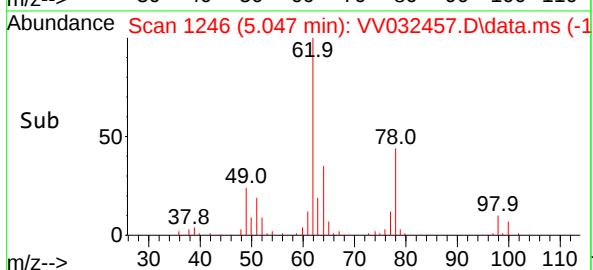
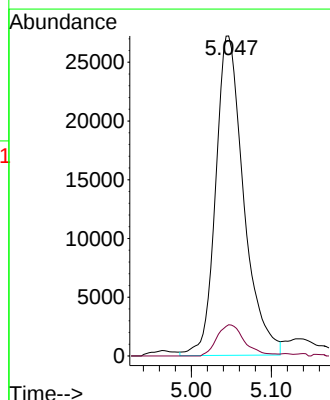
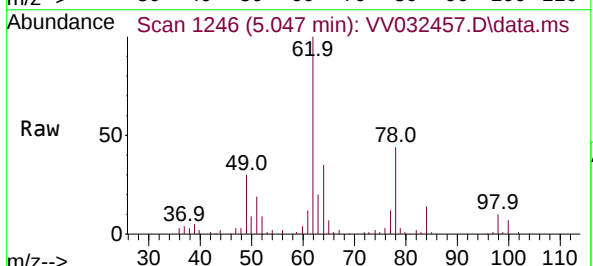
Acq: 17 Oct 2023 19:55

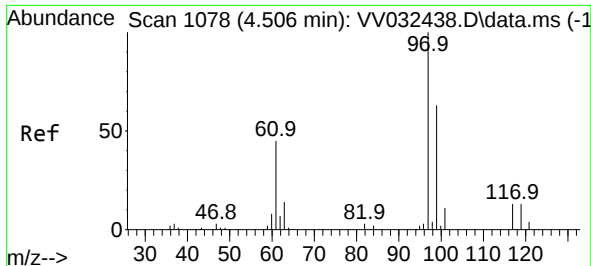
Tgt Ion: 62 Resp: 66175

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.070 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.007 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

ClientSampleId :

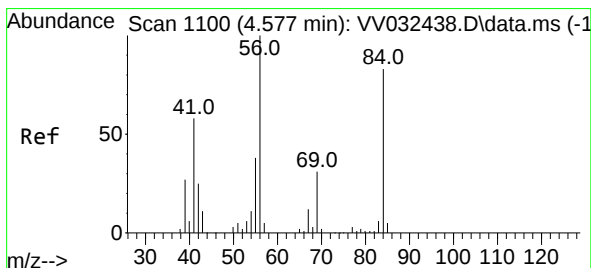
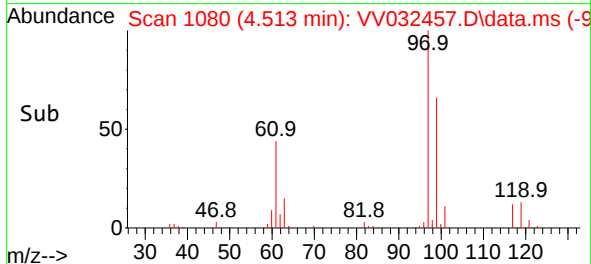
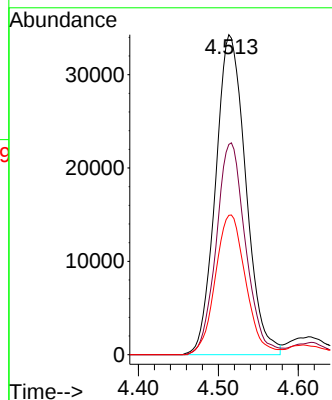
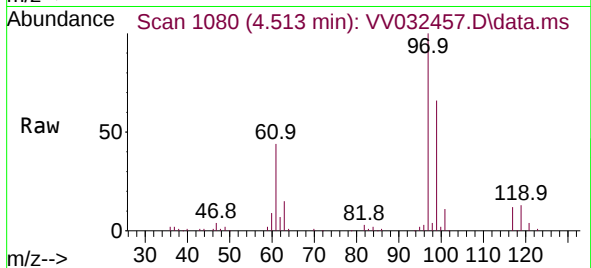
Tgt Ion: 97 Resp: 90078

Ion Ratio Lower Upper

97 100

99 64.4 50.1 75.1

61 43.9 35.1 52.7



#30

Cyclohexane

Concen: 4.088 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.007 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

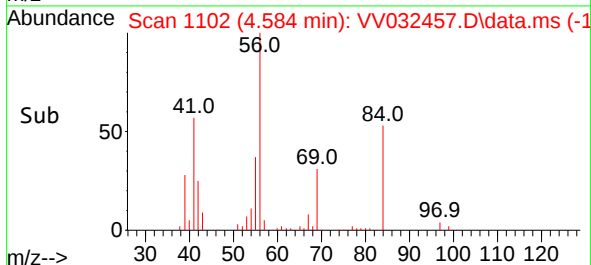
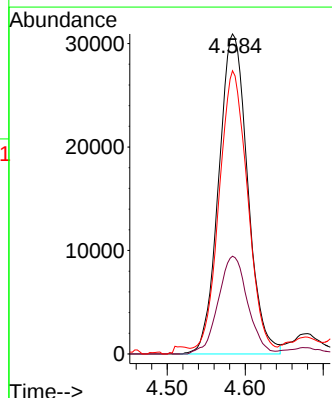
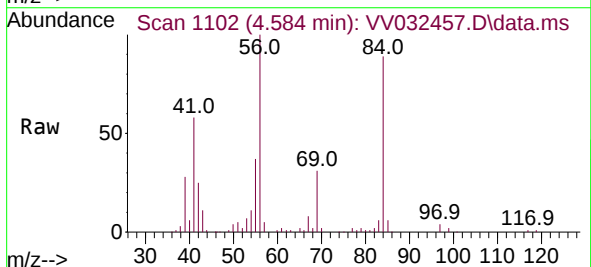
Tgt Ion: 56 Resp: 79813

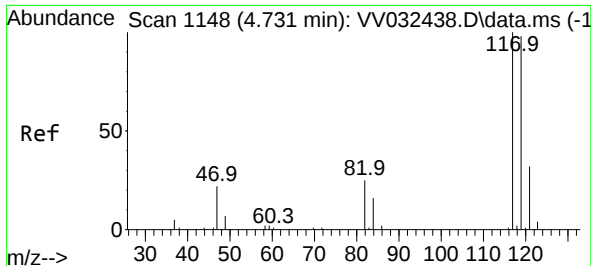
Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 87.8 68.1 102.1

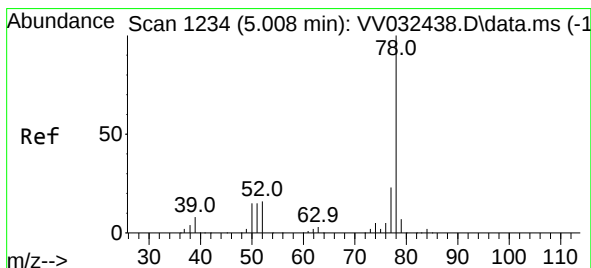
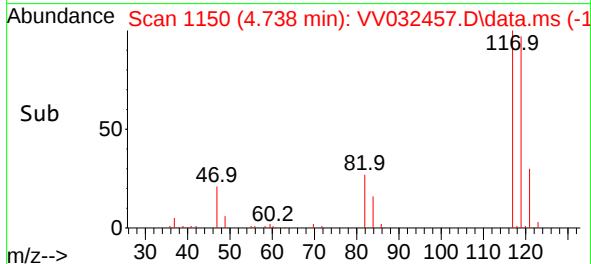
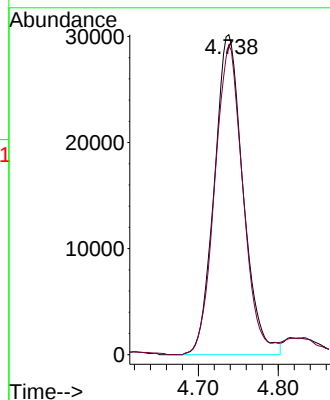
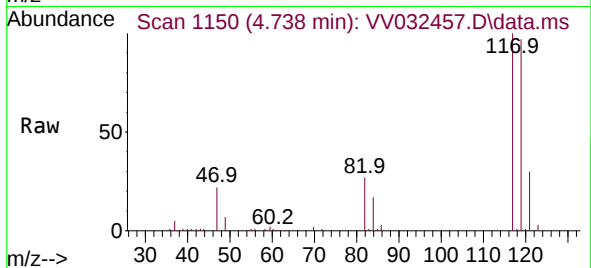




#31
Carbon tetrachloride
Concen: 5.000 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.007 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

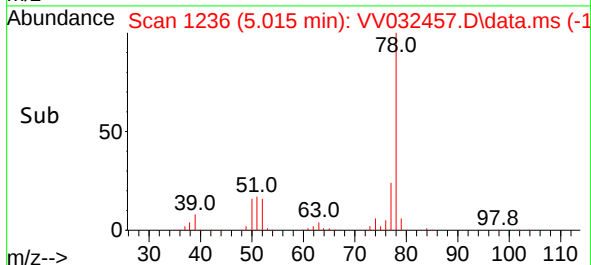
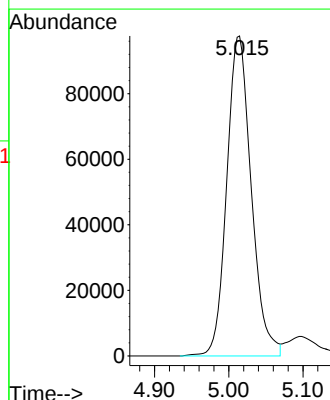
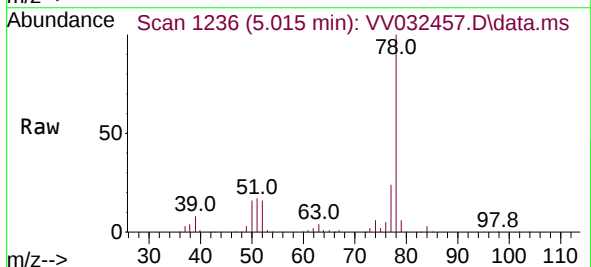
Instrument :
MSVOA_V
ClientSampleId :

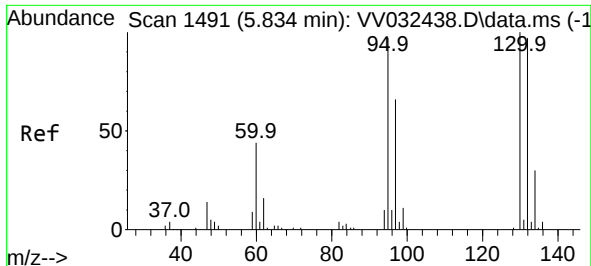
Tgt Ion:117 Resp: 75165
Ion Ratio Lower Upper
117 100
119 94.7 77.6 116.4



#33
Benzene
Concen: 4.872 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.007 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 78 Resp: 224145

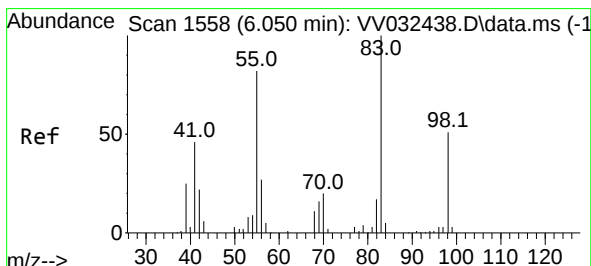
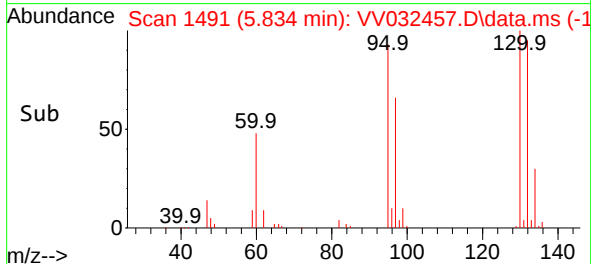
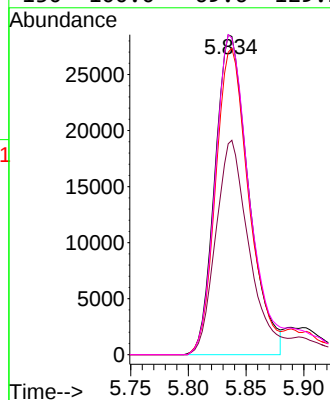
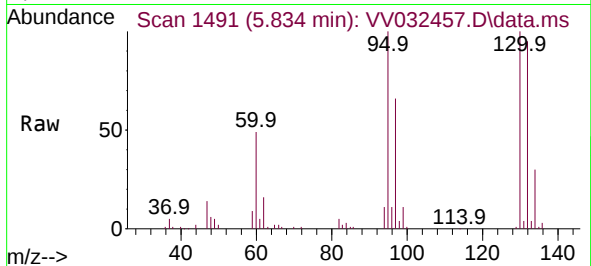




#34
Trichloroethene
Concen: 4.607 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

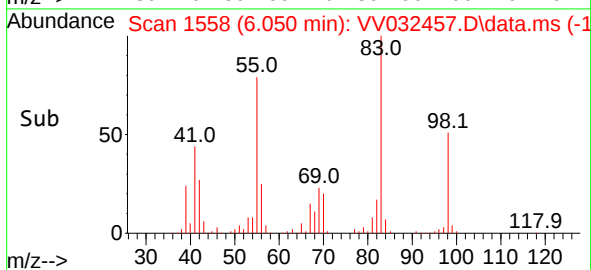
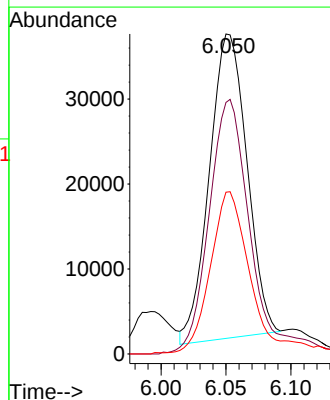
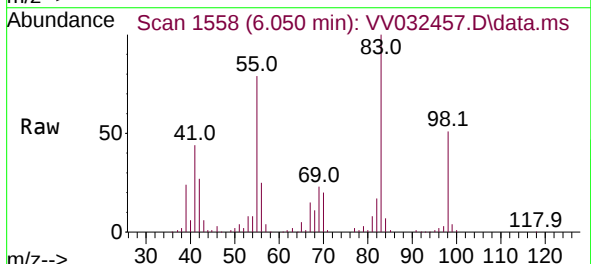
Instrument :
MSVOA_V
ClientSampleId :

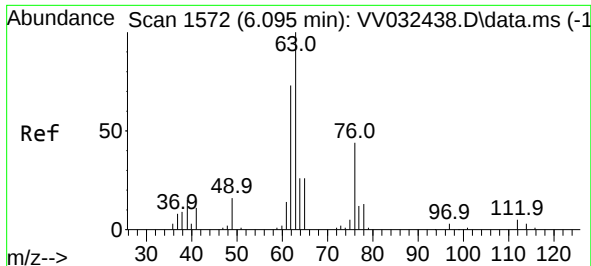
Tgt Ion: 95 Resp: 57864
Ion Ratio Lower Upper
95 100
97 65.9 45.7 84.9
132 94.5 70.3 130.5
130 100.0 69.6 129.2



#35
Methylcyclohexane
Concen: 3.710 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 83 Resp: 72116
Ion Ratio Lower Upper
83 100
55 92.6 64.2 96.2
98 56.2 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.022 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

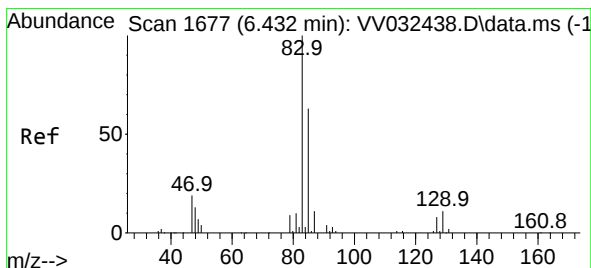
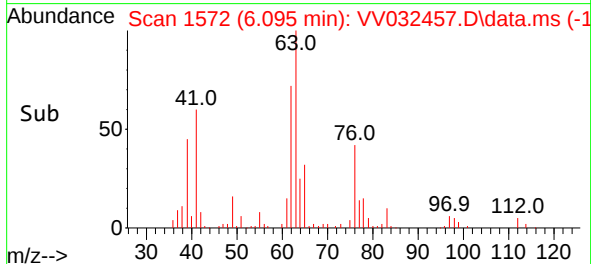
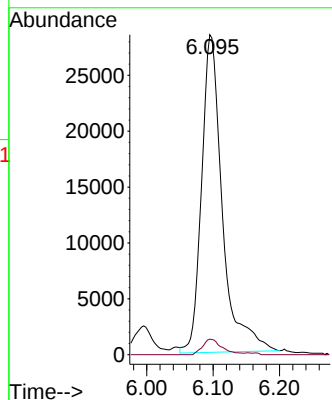
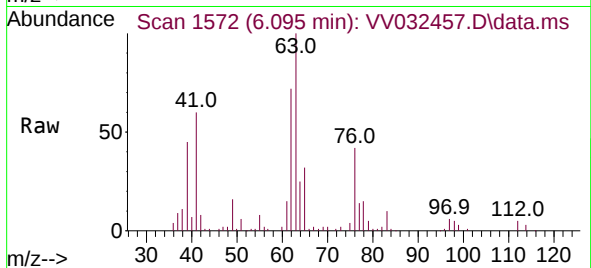
ClientSampleId :

Tgt Ion: 63 Resp: 61794

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 5.401 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

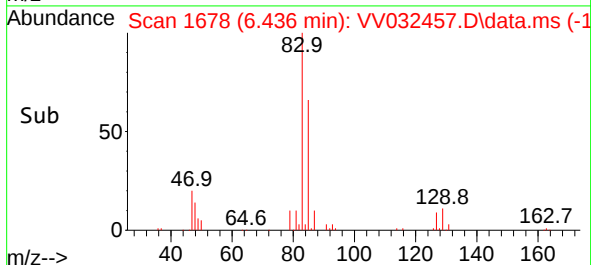
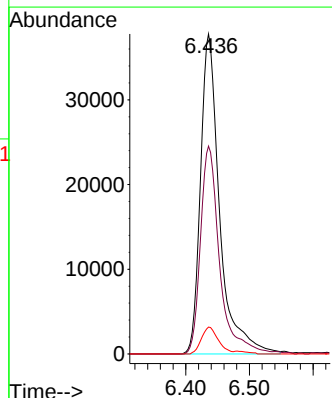
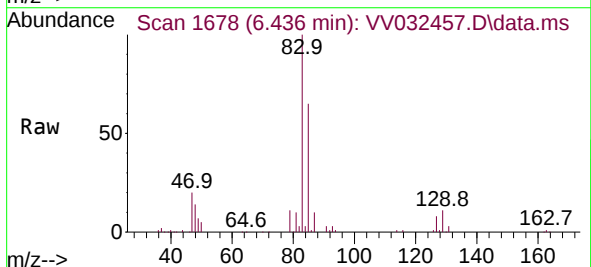
Tgt Ion: 83 Resp: 78964

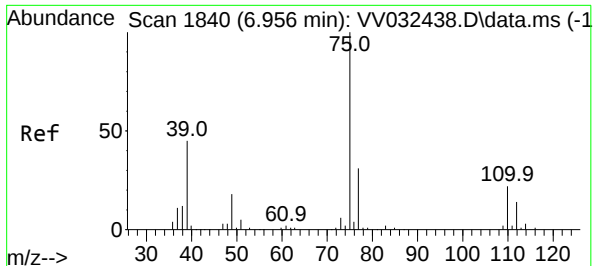
Ion Ratio Lower Upper

83 100

85 65.0 44.9 83.3

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.799 ug/L

RT: 6.960 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

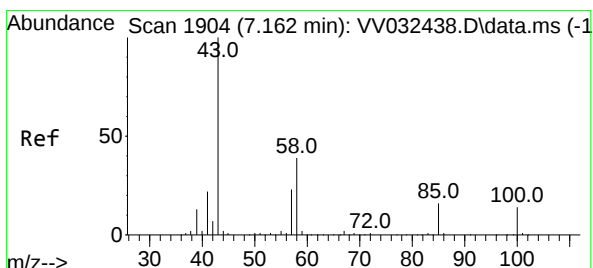
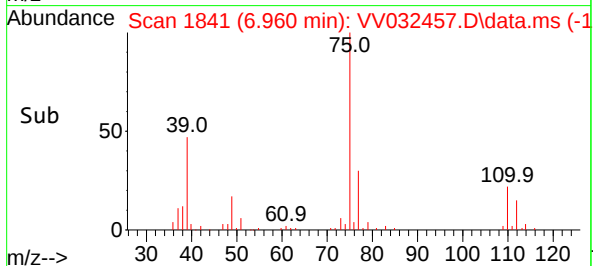
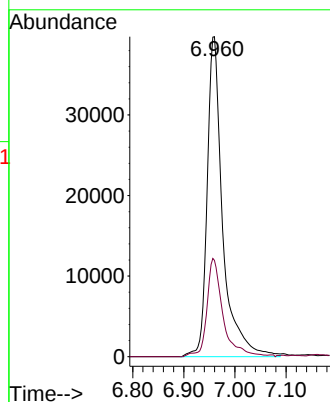
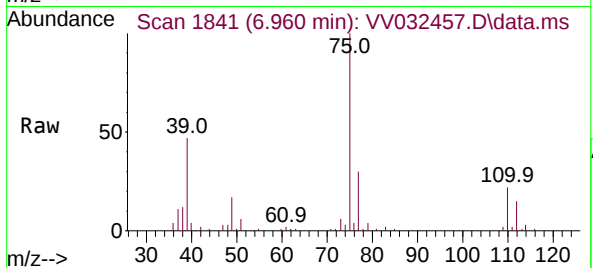
ClientSampleId :

Tgt Ion: 75 Resp: 84035

Ion Ratio Lower Upper

75 100

77 30.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 50.997 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

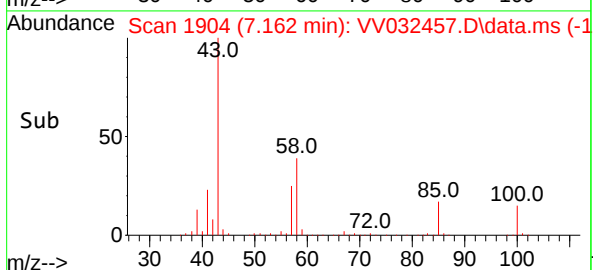
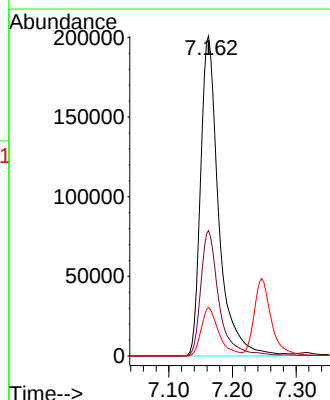
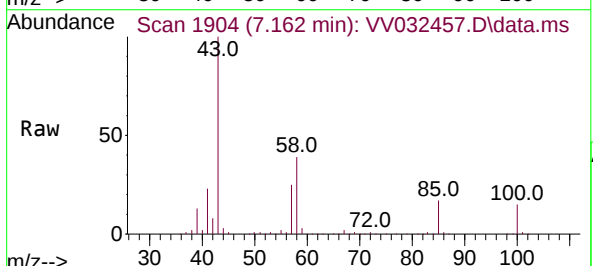
Tgt Ion: 43 Resp: 397103

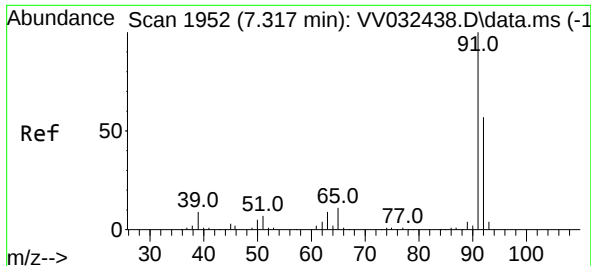
Ion Ratio Lower Upper

43 100

58 39.7 31.9 47.9

100 14.7 11.3 16.9





#42

Toluene

Concen: 5.557 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

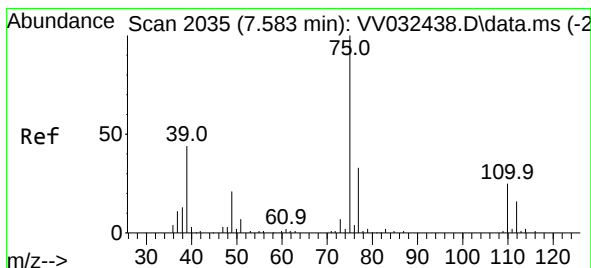
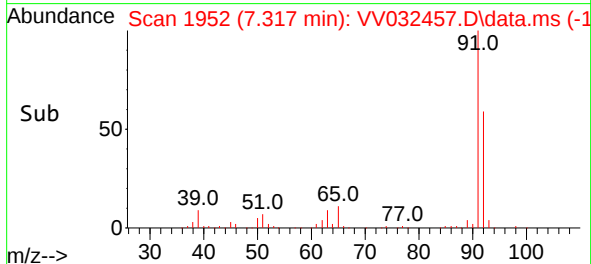
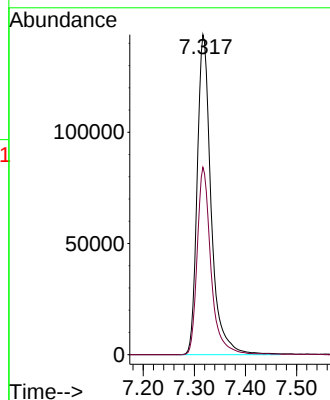
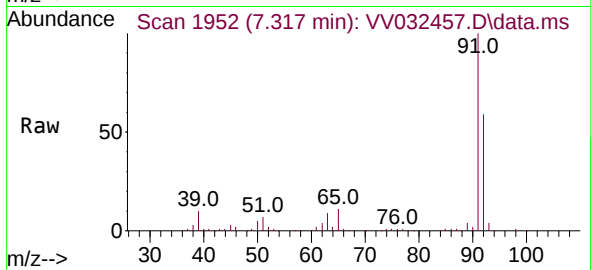
ClientSampleId :

Tgt Ion: 91 Resp: 272565

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.711 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032457.D

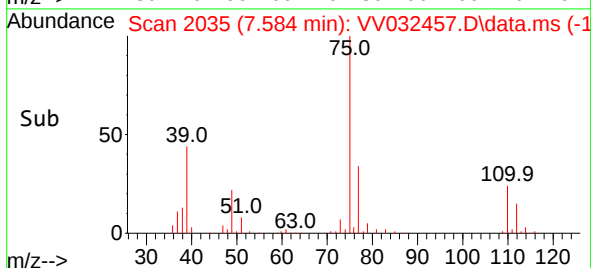
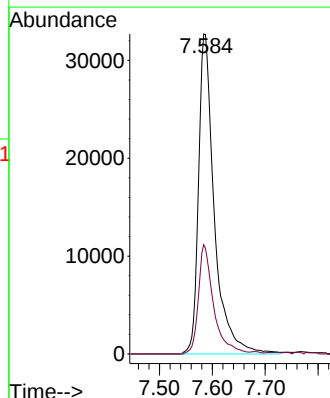
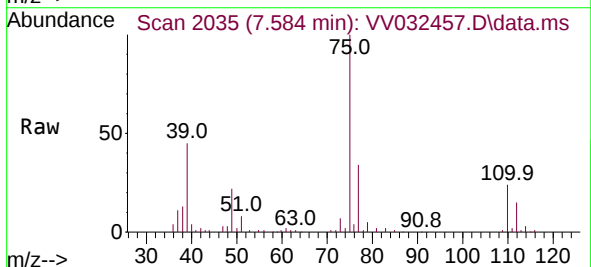
Acq: 17 Oct 2023 19:55

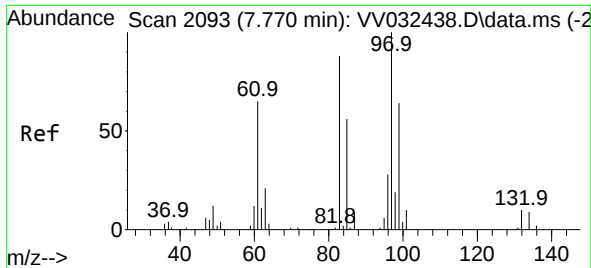
Tgt Ion: 75 Resp: 67795

Ion Ratio Lower Upper

75 100

77 34.1 22.5 41.7



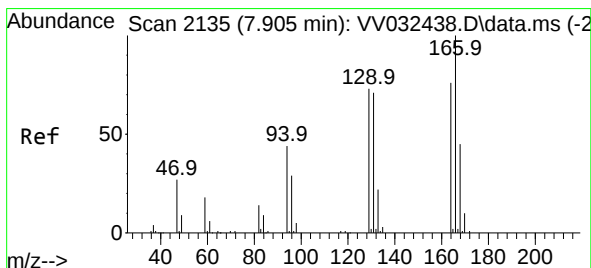
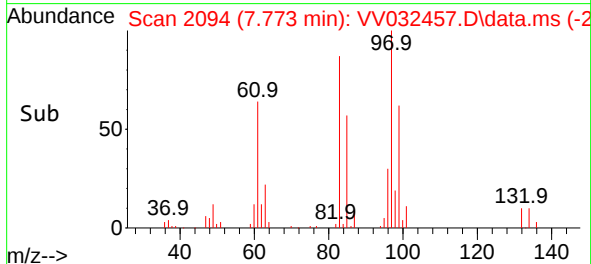
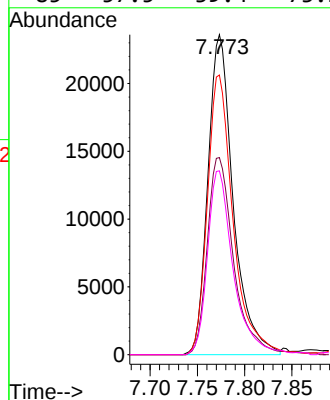
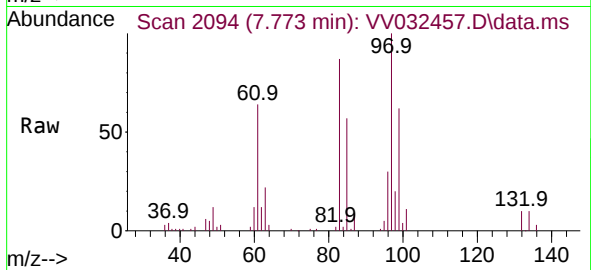


#45
 1,1,2-Trichloroethane
 Concen: 5.067 ug/L
 RT: 7.773 min Scan# 2093
 Delta R.T. 0.003 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 97 Resp: 43984

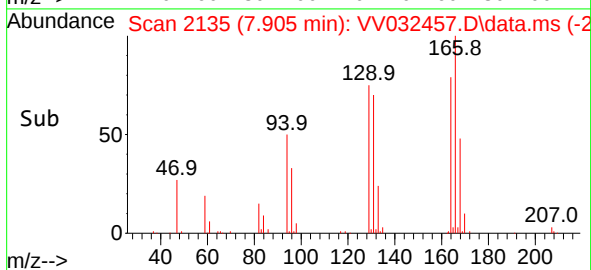
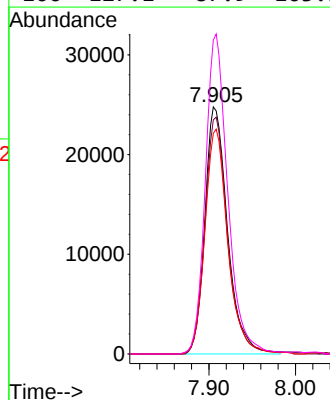
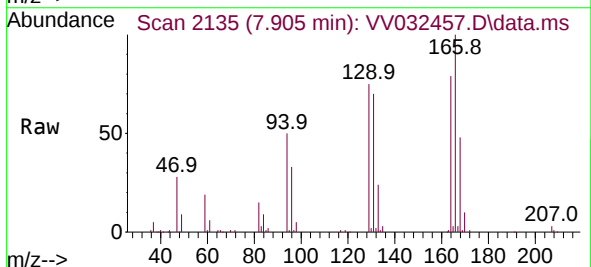
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.8	79.4
83	87.4	60.9	113.1
85	57.5	39.4	73.2

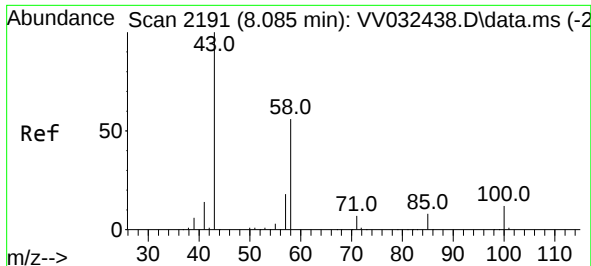


#47
 Tetrachloroethene
 Concen: 4.757 ug/L
 RT: 7.905 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

Tgt Ion: 164 Resp: 45311

Ion	Ratio	Lower	Upper
164	100		
129	94.8	66.4	123.4
131	89.3	63.7	118.3
166	127.1	87.9	163.3



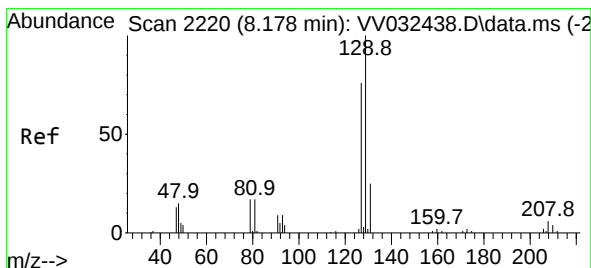
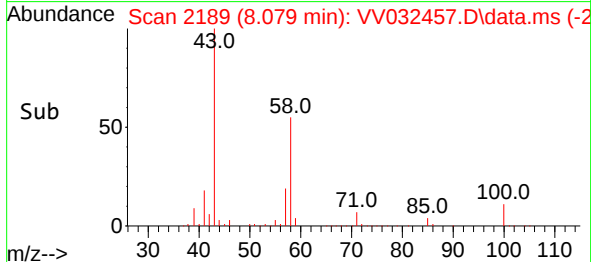
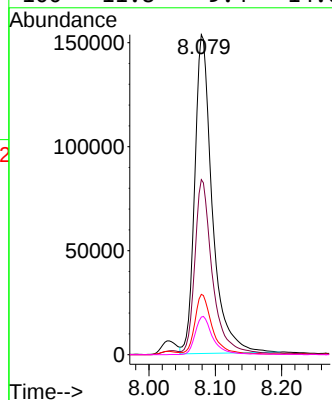
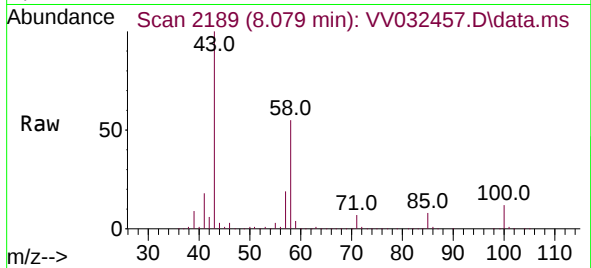


#48
2-Hexanone
Concen: 51.315 ug/L
RT: 8.079 min Scan# 2191
Delta R.T. -0.006 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 281923

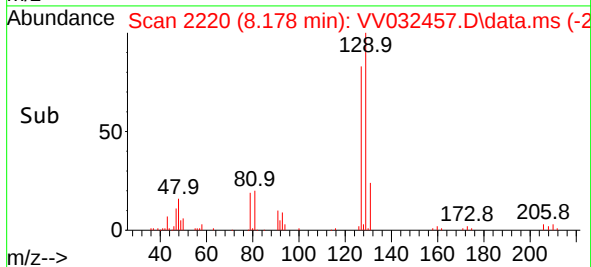
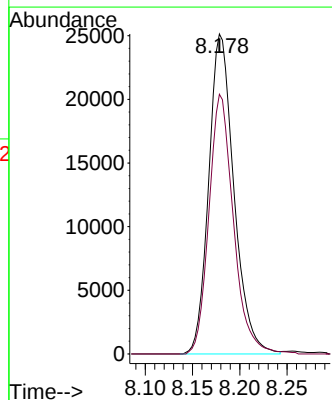
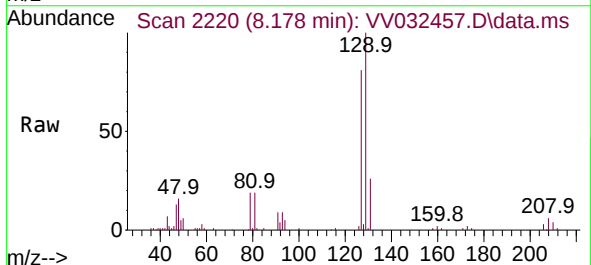
Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.6	65.4
57	18.6	14.6	22.0
100	11.8	9.4	14.0

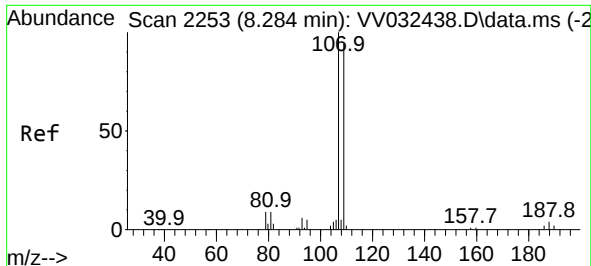


#49
Dibromochloromethane
Concen: 5.161 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 129 Resp: 46638

Ion	Ratio	Lower	Upper
129	100		
127	81.2	57.2	106.2





#50

1,2-Dibromoethane

Concen: 5.101 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

ClientSampleId :

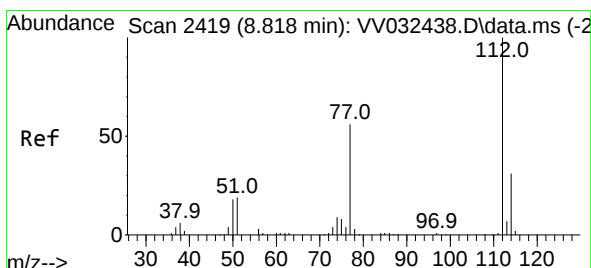
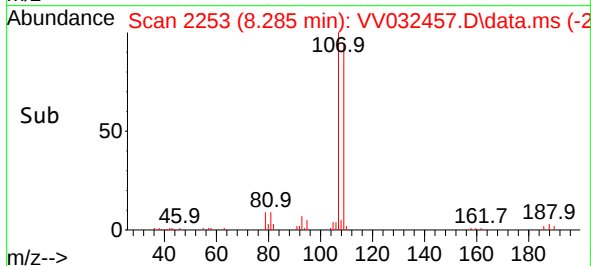
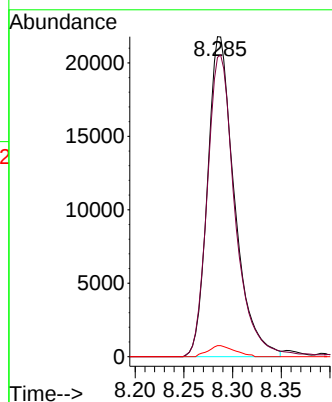
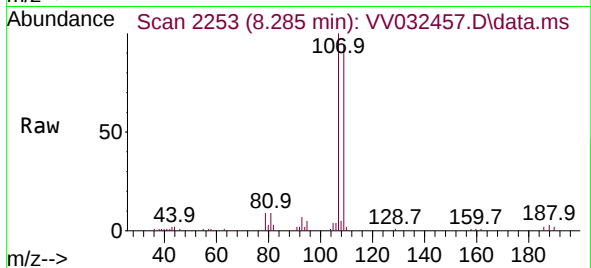
Tgt Ion:107 Resp: 41878

Ion Ratio Lower Upper

107 100

109 93.6 68.4 127.0

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 5.124 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

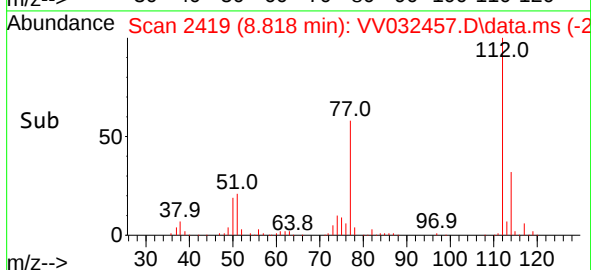
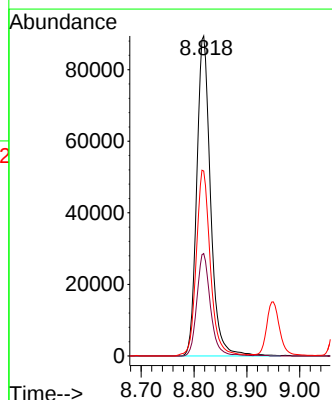
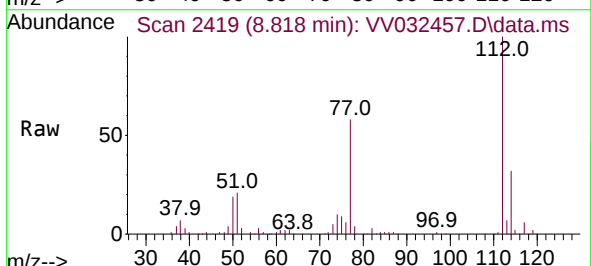
Tgt Ion:112 Resp: 161801

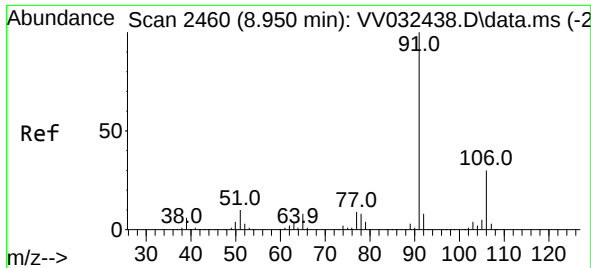
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 57.8 46.1 69.1

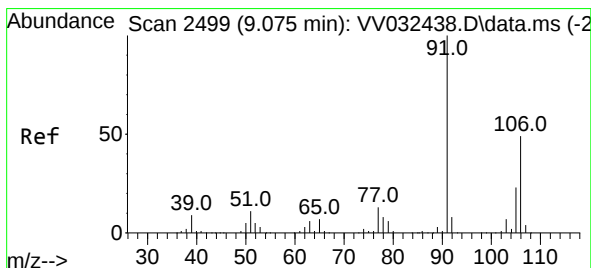
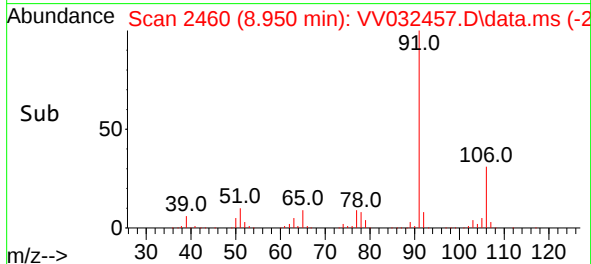
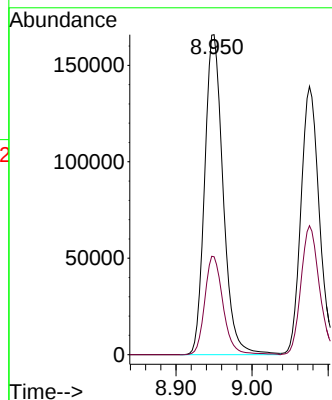
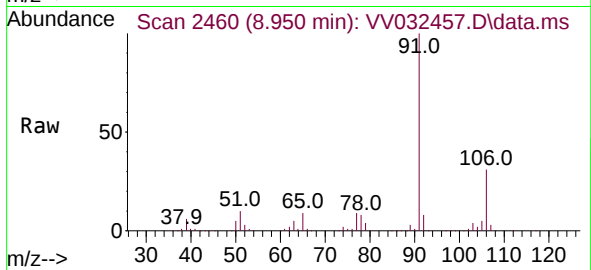




#52
Ethylbenzene
Concen: 5.125 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

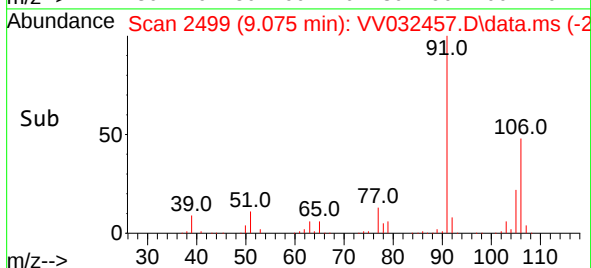
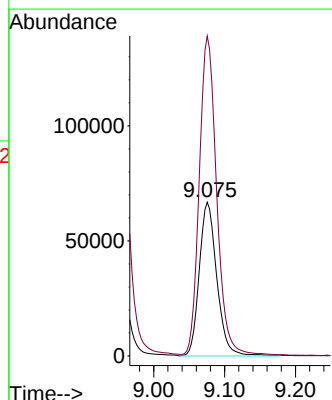
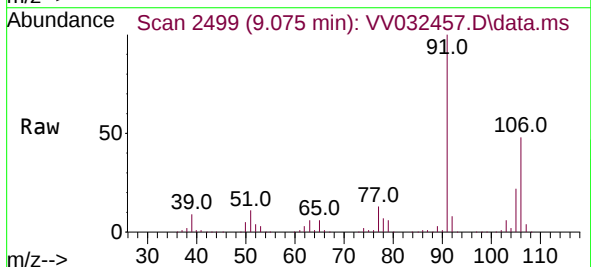
Instrument :
MSVOA_V
ClientSampleId :

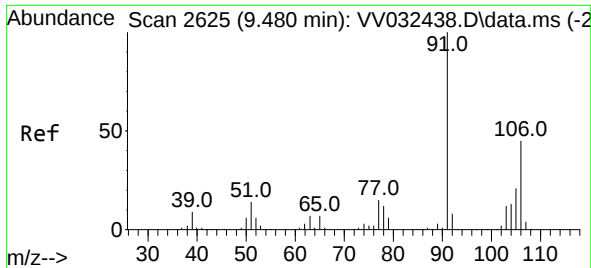
Tgt Ion: 91 Resp: 279925
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 5.677 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 106 Resp: 114986
Ion Ratio Lower Upper
106 100
91 208.1 144.5 268.3

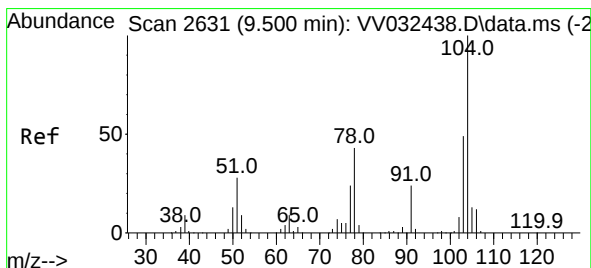
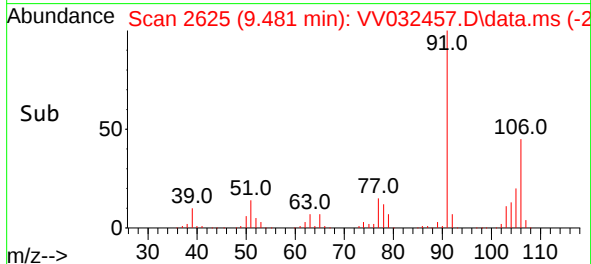
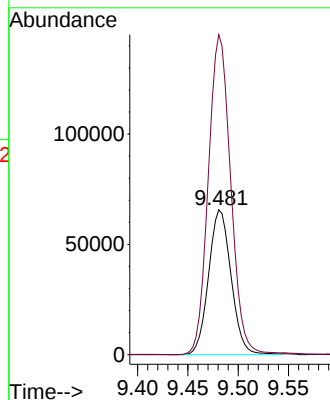
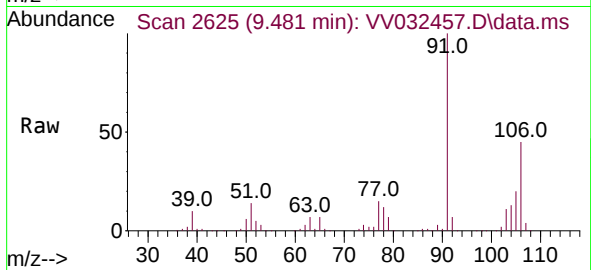




#54
o-Xylene
Concen: 5.241 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

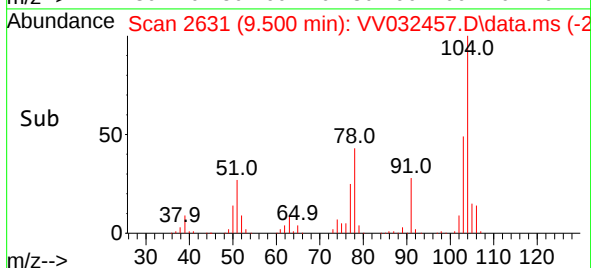
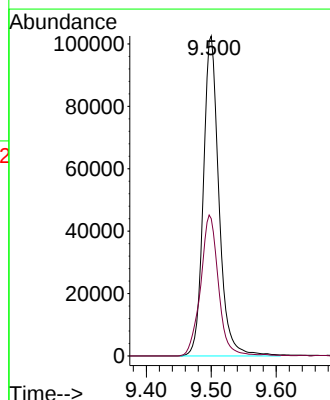
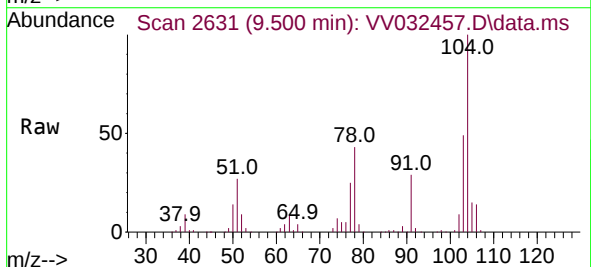
Instrument :
MSVOA_V
ClientSampleId :

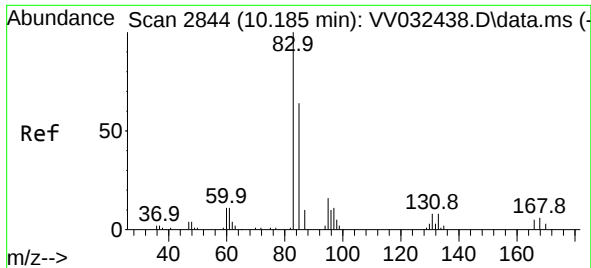
Tgt Ion:106 Resp: 102292
Ion Ratio Lower Upper
106 100
91 220.9 154.8 287.4



#55
Styrene
Concen: 5.212 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion:104 Resp: 171800
Ion Ratio Lower Upper
104 100
78 42.9 29.9 55.5

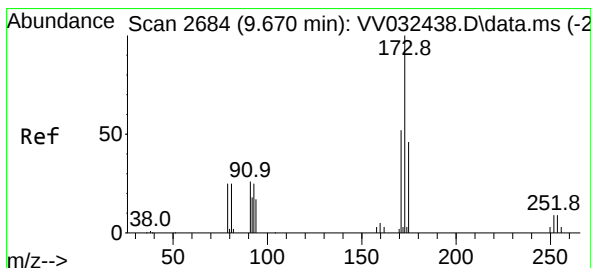
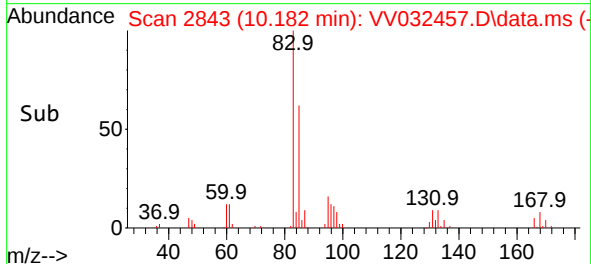
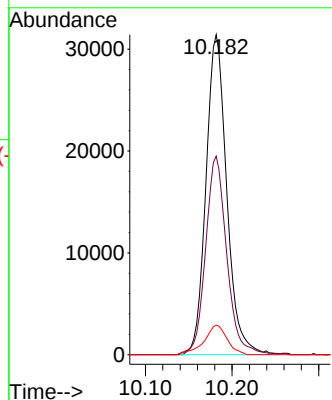
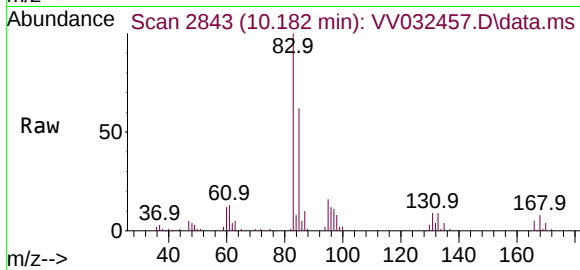




#57
1,1,2,2-Tetrachloroethane
Concen: 5.486 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

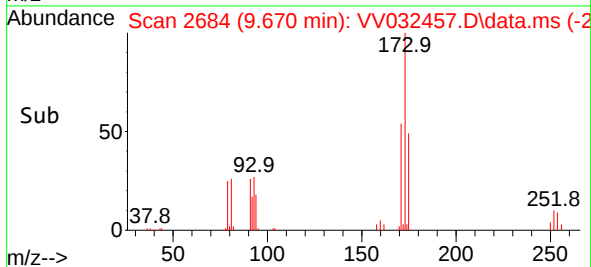
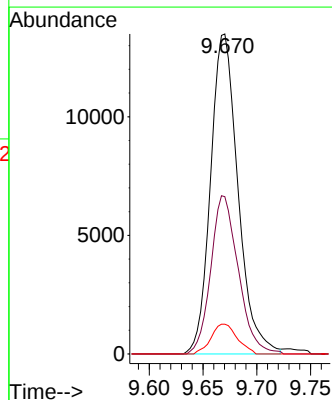
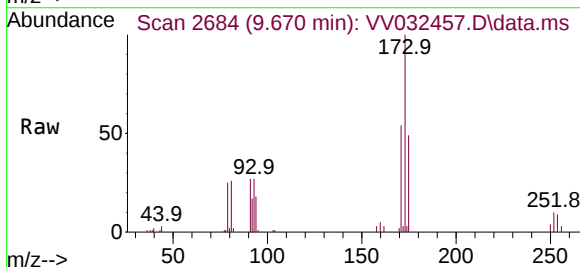
Instrument :
MSVOA_V
ClientSampleId :

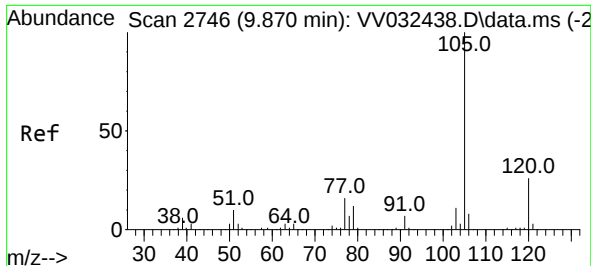
Tgt Ion: 83 Resp: 52399
Ion Ratio Lower Upper
83 100
85 62.1 43.6 81.0
131 9.3 7.0 10.6



#59
Bromoform
Concen: 5.000 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 173 Resp: 23927
Ion Ratio Lower Upper
173 100
175 49.6 38.2 57.2
254 8.9 7.0 10.4

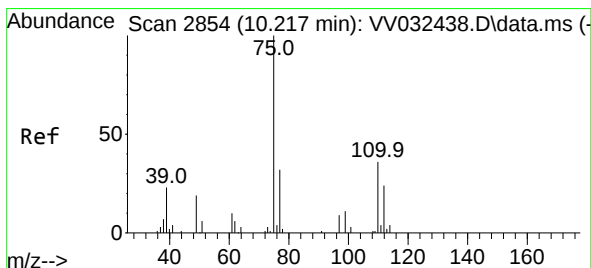
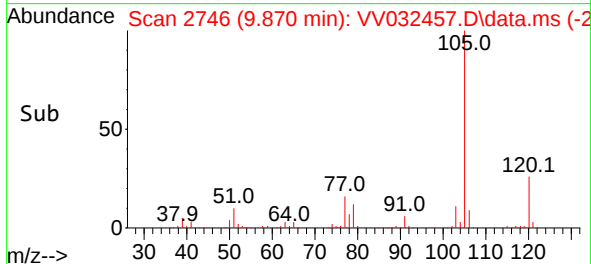
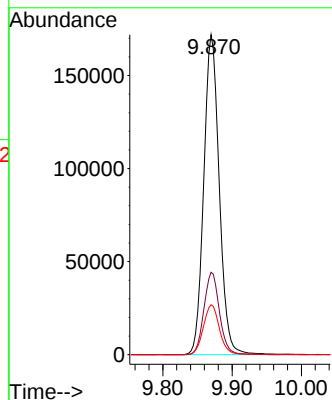
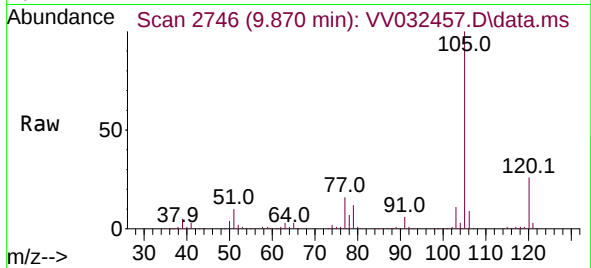




#60
Isopropylbenzene
Concen: 5.210 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

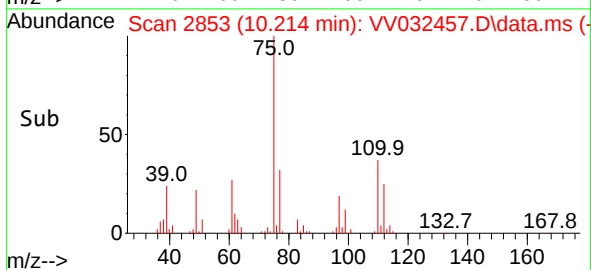
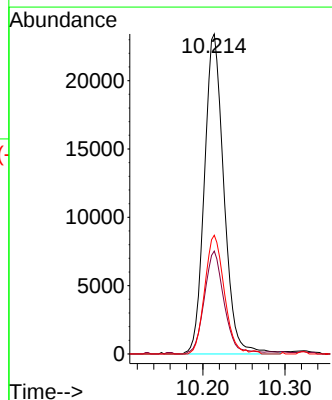
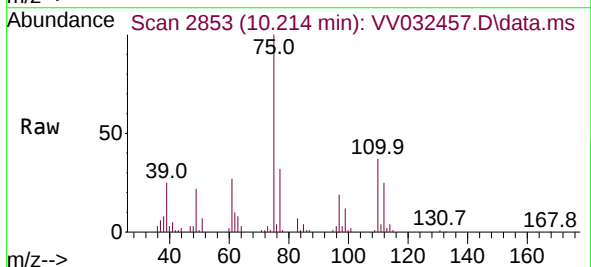
Instrument :
MSVOA_V
ClientSampleId :

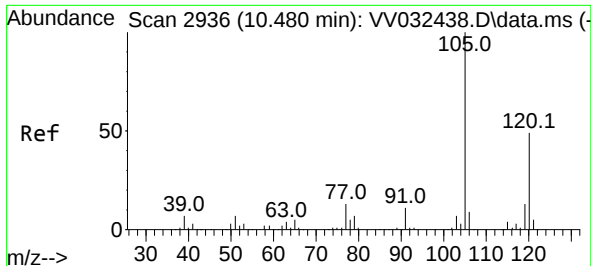
Tgt Ion:105 Resp: 266429
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.531 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.003 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion: 75 Resp: 38737
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 36.9 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 5.114 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032457.D

Acq: 17 Oct 2023 19:55

Instrument :

MSVOA_V

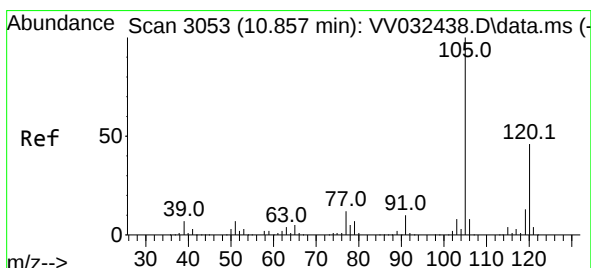
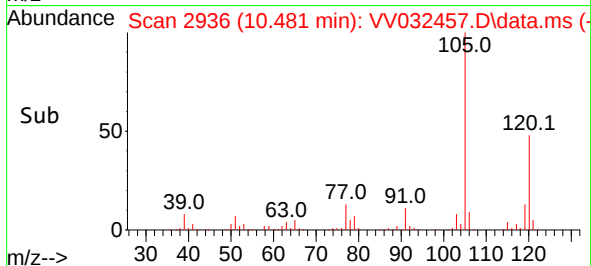
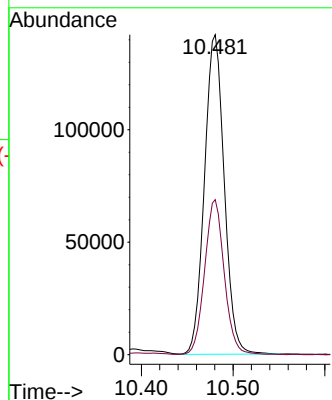
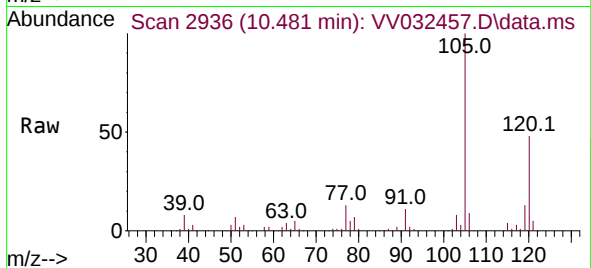
ClientSampleId :

Tgt Ion:105 Resp: 213172

Ion Ratio Lower Upper

105 100

120 48.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.400 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV032457.D

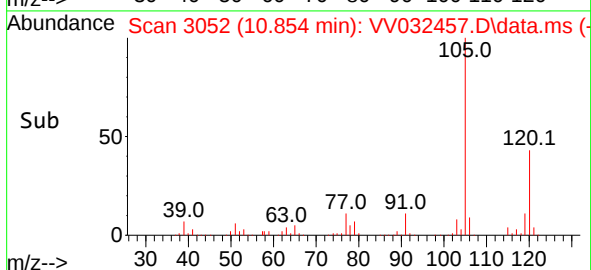
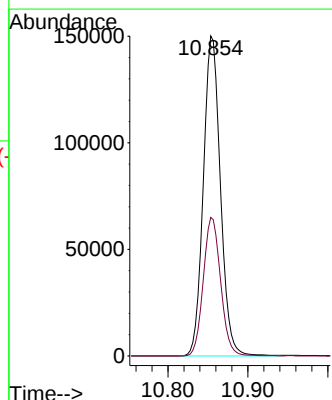
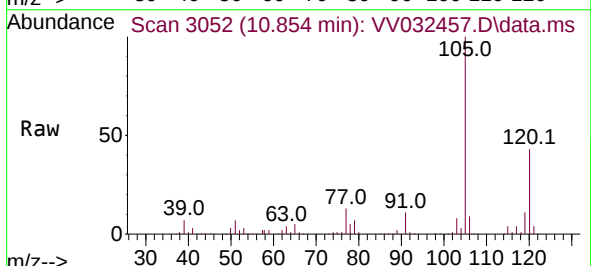
Acq: 17 Oct 2023 19:55

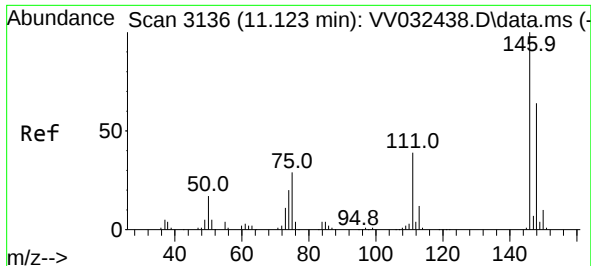
Tgt Ion:105 Resp: 224094

Ion Ratio Lower Upper

105 100

120 43.8 36.2 54.4

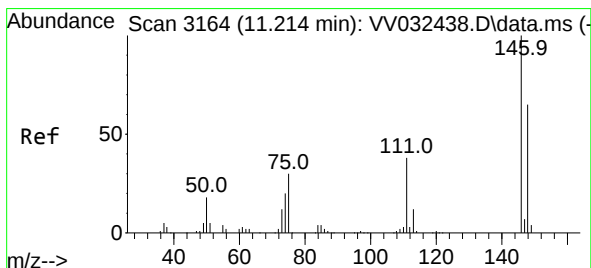
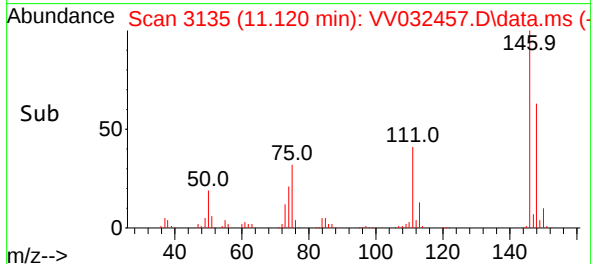
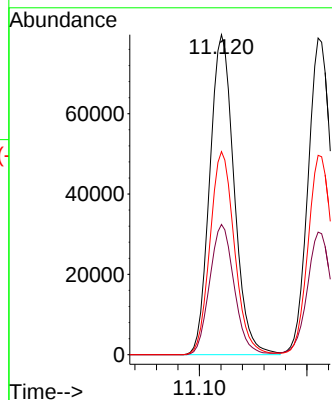
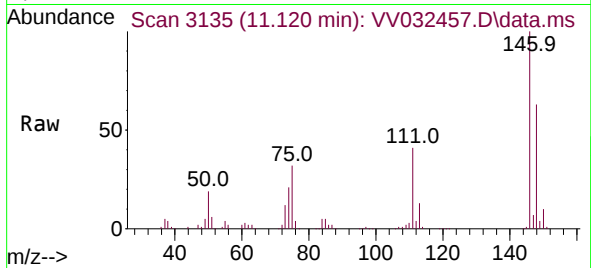




#64
1,3-Dichlorobenzene
Concen: 5.125 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

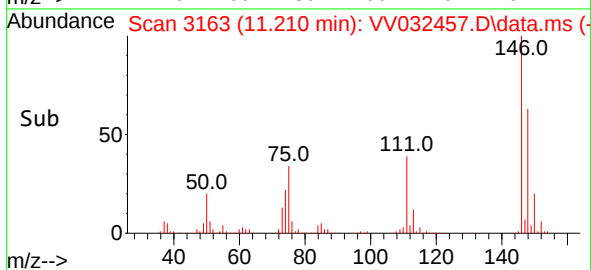
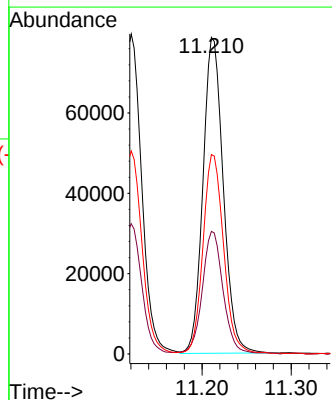
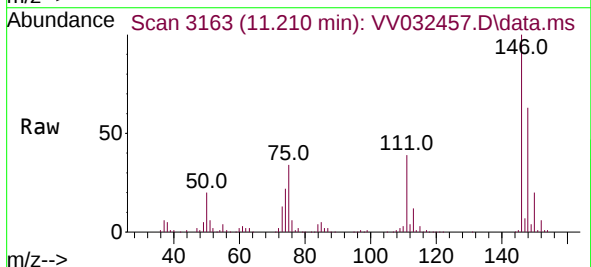
Instrument :
MSVOA_V
ClientSampleId :

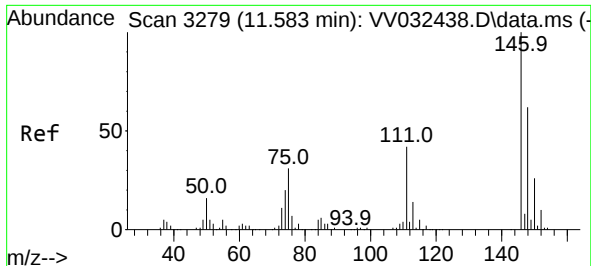
Tgt Ion:146 Resp: 125207
Ion Ratio Lower Upper
146 100
111 40.7 27.8 51.6
148 63.4 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.079 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion:146 Resp: 124478
Ion Ratio Lower Upper
146 100
111 38.7 26.9 49.9
148 62.9 44.8 83.2

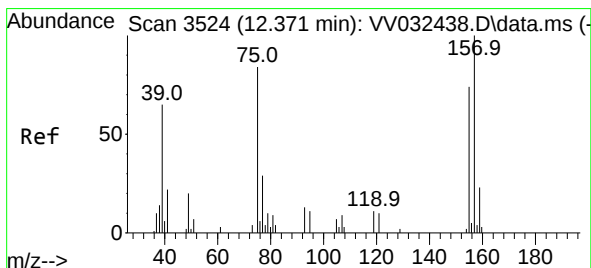
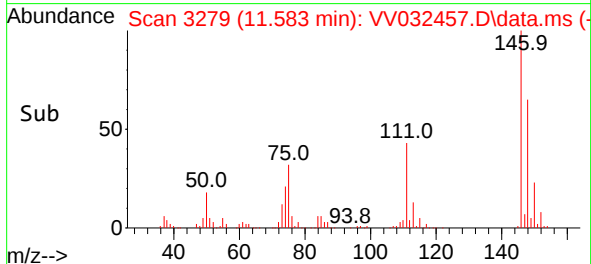
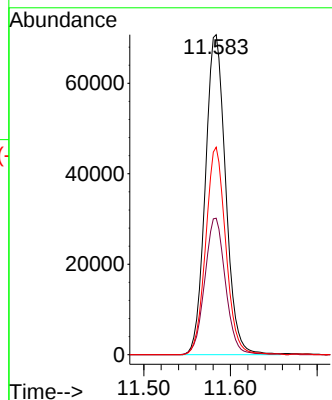
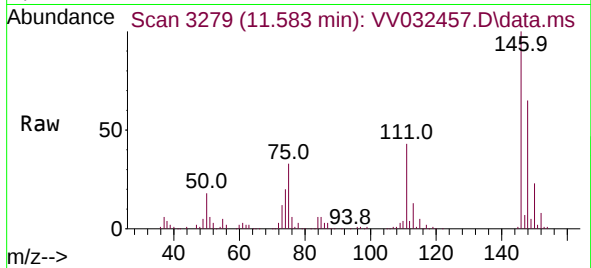




#67
1,2-Dichlorobenzene
Concen: 5.177 ug/L
RT: 11.583 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

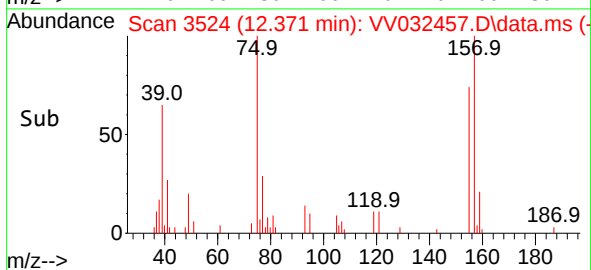
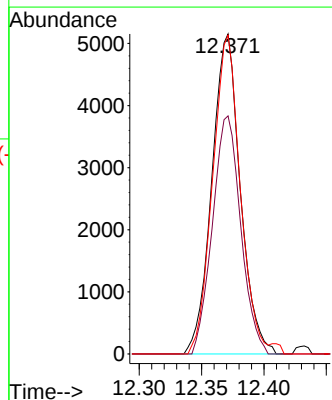
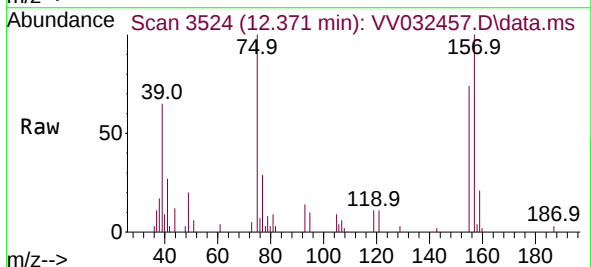
Instrument :
MSVOA_V
ClientSampleId :

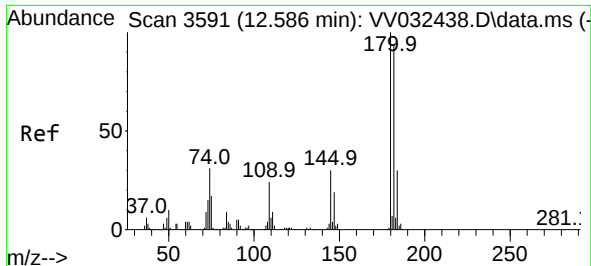
Tgt Ion:146 Resp: 115359
Ion Ratio Lower Upper
146 100
111 42.7 32.8 49.2
148 64.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.716 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

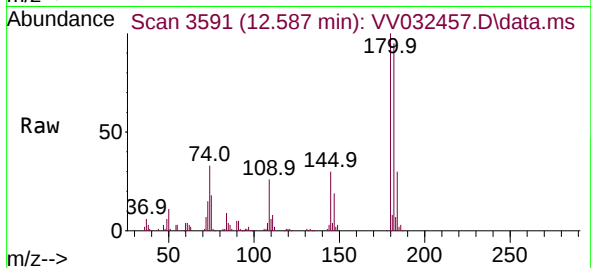
Tgt Ion: 75 Resp: 8180
Ion Ratio Lower Upper
75 100
155 74.4 70.2 105.4
157 99.6 90.6 135.8



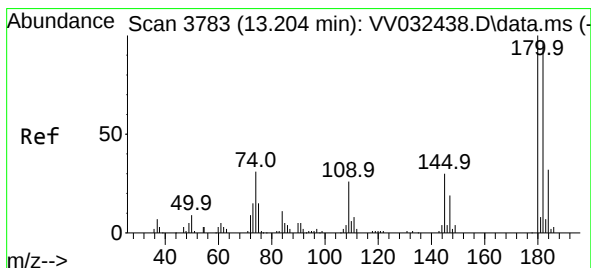
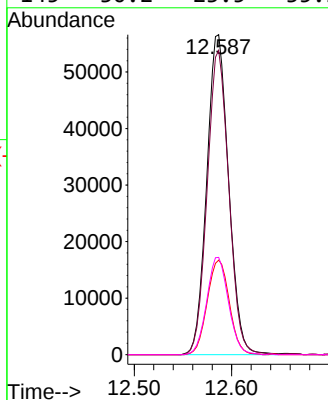
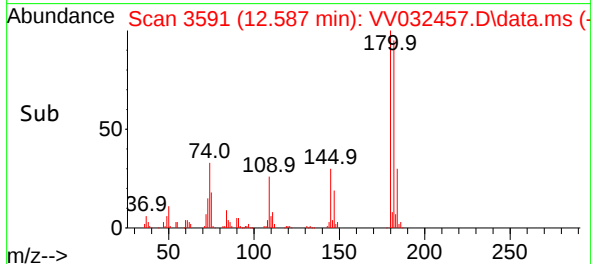


#69
 1,3,5-Trichlorobenzene
 Concen: 4.945 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55

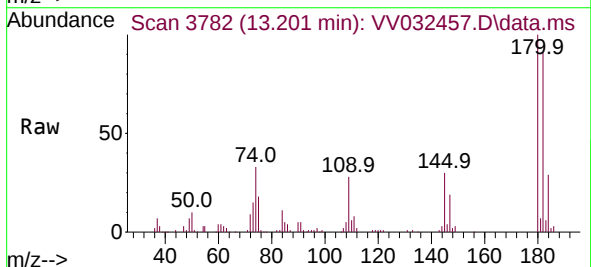
Instrument :
 MSVOA_V
 ClientSampleId :



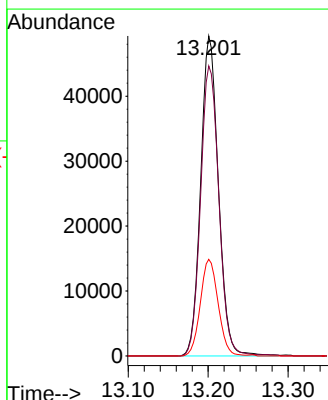
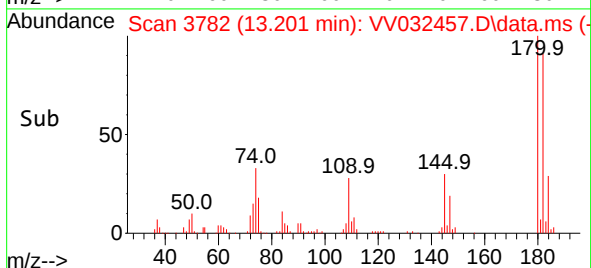
Tgt Ion:180 Resp: 88480
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.6 112.0
 184 29.8 24.1 36.1
 145 30.2 23.5 35.3

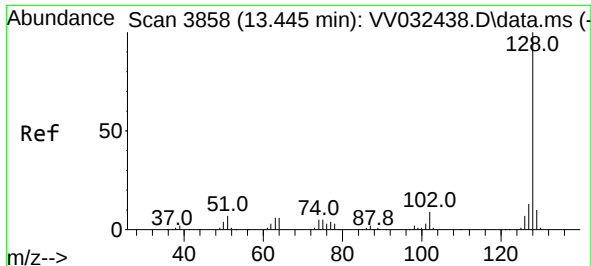


#70
 1,2,4-trichlorobenzene
 Concen: 4.805 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.003 min
 Lab File: VV032457.D
 Acq: 17 Oct 2023 19:55



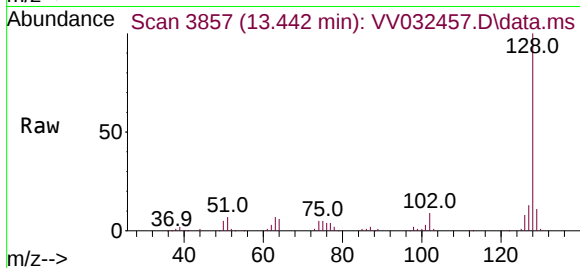
Tgt Ion:180 Resp: 76257
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.5 114.7
 145 30.2 24.3 36.5



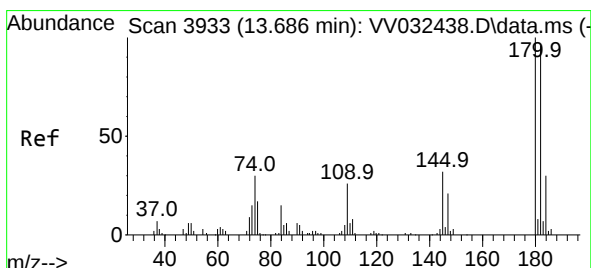
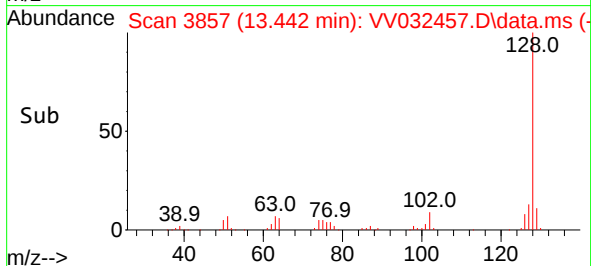
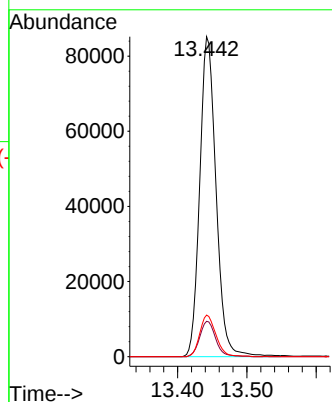


#71
Naphthalene
Concen: 5.182 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.003 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 139715
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.978 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.003 min
Lab File: VV032457.D
Acq: 17 Oct 2023 19:55

Tgt Ion:180 Resp: 68064
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.4
145 34.0 25.7 38.5

