

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031893.D
 Acq On : 24 Aug 2023 02:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:03:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	111570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	102716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	52245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19848	5.267	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.400%		
7) Chloroethane-d5	1.535	69	23462	5.435	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.800%		
11) 1,1-Dichloroethene-d2	2.063	65	11700	5.276	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.600%		
20) 2-Butanone-d5	3.822	46	109432	59.992	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 119.980%		
24) Chloroform-d	4.256	84	69669	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
26) 1,2-Dichloroethane-d4	4.950	65	34736	5.286	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
32) Benzene-d6	4.966	84	131161	5.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.200%		
36) 1,2-Dichloropropane-d6	5.995	67	47641	5.780	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 115.600%		
41) Toluene-d8	7.246	98	115236	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
43) trans-1,3-Dichloroprop...	7.561	79	15064	5.012	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.200%		
46) 2-Hexanone-d5	8.030	63	82911	51.741	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.480%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30097	5.090	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.800%		
66) 1,2-Dichlorobenzene-d4	11.564	152	45493	5.377	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	29276	4.594	ug/L	99
3) Chloromethane	1.217	50	34858	5.106	ug/L	99
5) Vinyl chloride	1.285	62	34864	4.983	ug/L	97
6) Bromomethane	1.490	94	20658	4.724	ug/L	100
8) Chloroethane	1.552	64	22691	5.078	ug/L	98
9) Trichlorofluoromethane	1.716	101	41432	4.591	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	23752	4.413	ug/L	98
12) 1,1-Dichloroethene	2.072	96	24756	4.929	ug/L	97
13) Acetone	2.143	43	48347	44.981	ug/L	72
14) Carbon disulfide	2.243	76	68586	4.854	ug/L	98
15) Methyl Acetate	2.391	43	12067	5.509	ug/L	97
16) Methylene chloride	2.452	84	39916	4.887	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	78975	5.068	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	28574	5.019	ug/L	91
19) 1,1-Dichloroethane	3.117	63	62205	5.305	ug/L	98
21) 2-Butanone	3.902	43	78520	51.576	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	33570	5.119	ug/L	99
23) Bromochloromethane	4.153	128	13228	5.083	ug/L	91
25) Chloroform	4.281	83	61369	5.134	ug/L	97

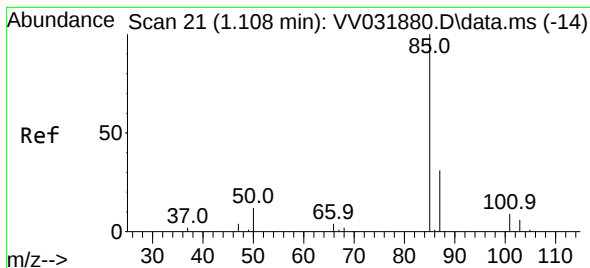
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
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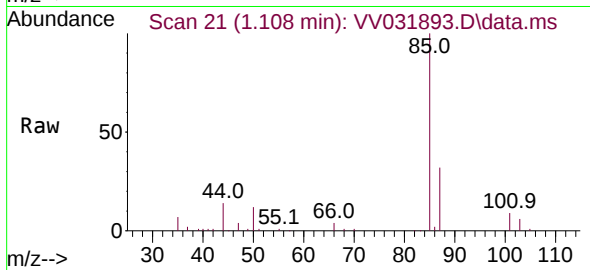
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	36840	5.154	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	49369	4.976	ug/L	99
30) Cyclohexane	4.587	56	44959	4.409	ug/L	99
31) Carbon tetrachloride	4.741	117	39459	4.917	ug/L	98
33) Benzene	5.014	78	127628	5.394	ug/L	100
34) Trichloroethene	5.838	95	33777	4.884	ug/L	97
35) Methylcyclohexane	6.053	83	43959	4.367	ug/L	97
37) 1,2-Dichloropropane	6.098	63	35144	5.391	ug/L	100
38) Bromodichloromethane	6.439	83	43468	5.152	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	51527	5.195	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	209923	51.380	ug/L	96
42) Toluene	7.320	91	132214	5.030	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	40458	4.886	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	23058	4.942	ug/L	97
47) Tetrachloroethene	7.908	164	21686	4.909	ug/L	98
48) 2-Hexanone	8.082	43	150016	49.144	ug/L	99
49) Dibromochloromethane	8.181	129	25209	5.184	ug/L	96
50) 1,2-Dibromoethane	8.288	107	20596	4.881	ug/L	94
51) Chlorobenzene	8.818	112	82936	4.983	ug/L	99
52) Ethylbenzene	8.950	91	145236	4.806	ug/L	100
53) m,p-Xylene	9.075	106	53691	4.717	ug/L	98
54) o-Xylene	9.484	106	54096	4.918	ug/L	99
55) Styrene	9.500	104	94411	4.975	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	23053	4.880	ug/L	98
59) Bromoform	9.670	173	13480	5.461	ug/L	99
60) Isopropylbenzene	9.870	105	142434	4.905	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	19412	5.045	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	122011	4.901	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	123180	5.036	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	64331	5.002	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	64773	4.902	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	59509	5.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4268	4.897	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	46204	4.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	40594	4.658	ug/L	99
71) Naphthalene	13.445	128	69877	4.256	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	33498	4.564	ug/L	97

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

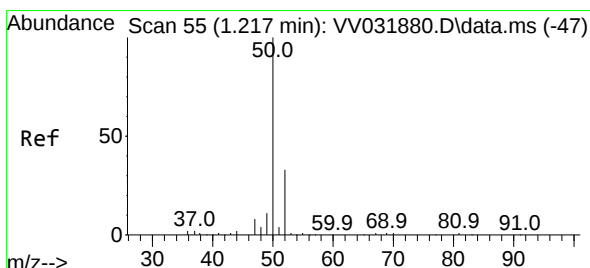
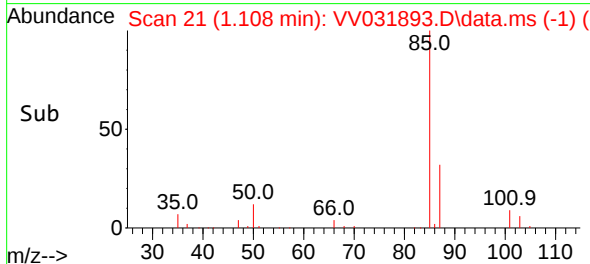
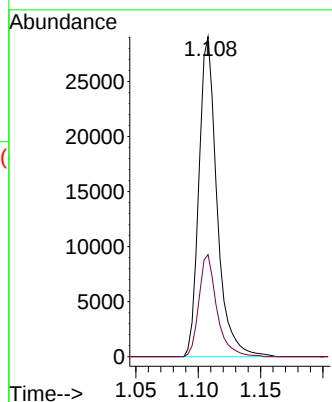


#2
 Dichlorodifluoromethane
 Concen: 4.594 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

Instrument :
 MSVOA_V
 ClientSampleId :

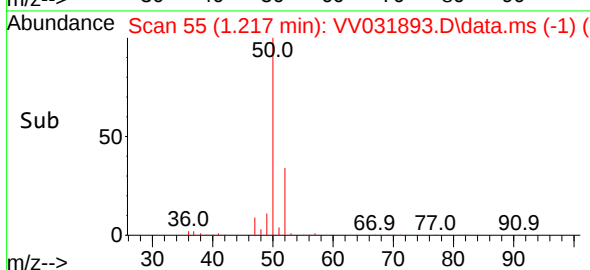
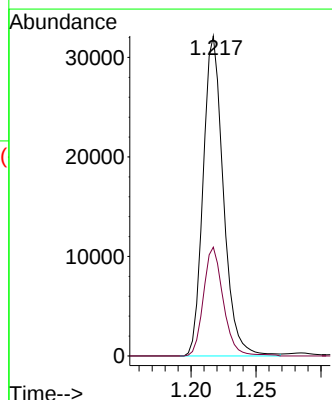
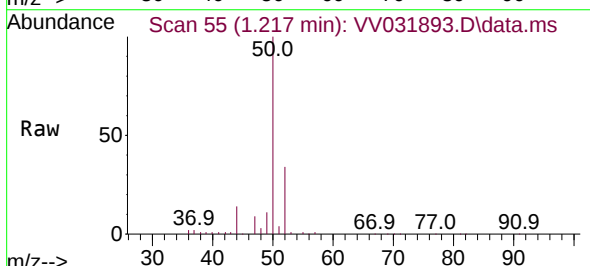


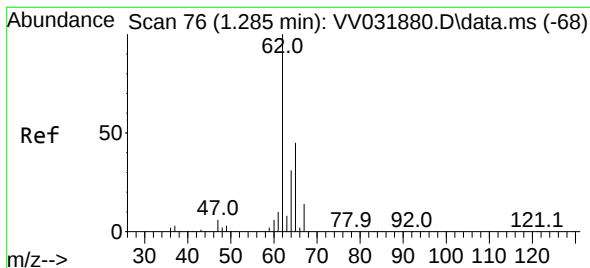
Tgt Ion: 85 Resp: 29276
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 5.106 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

Tgt Ion: 50 Resp: 34858
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.3 43.3





#5

Vinyl chloride

Concen: 4.983 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

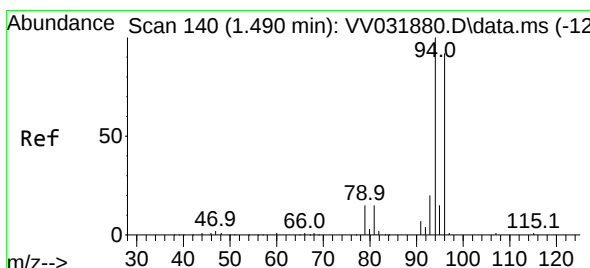
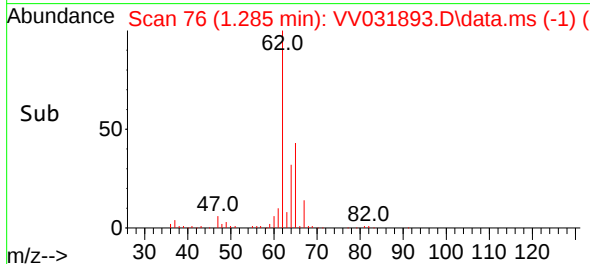
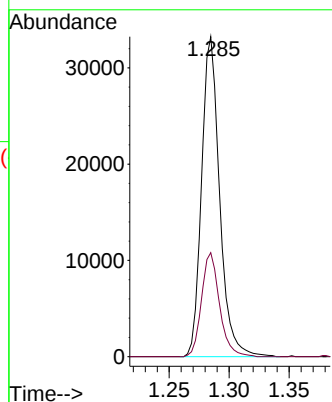
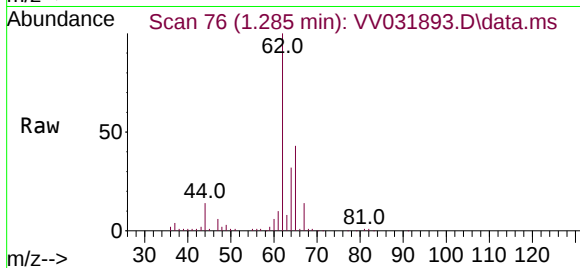
ClientSampleId :

Tgt Ion: 62 Resp: 34864

Ion Ratio Lower Upper

62 100

64 32.5 21.7 40.3



#6

Bromomethane

Concen: 4.724 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV031893.D

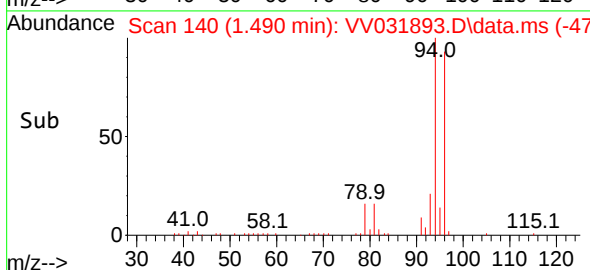
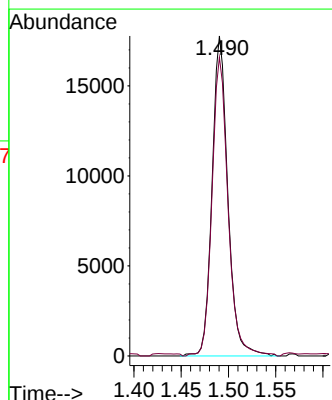
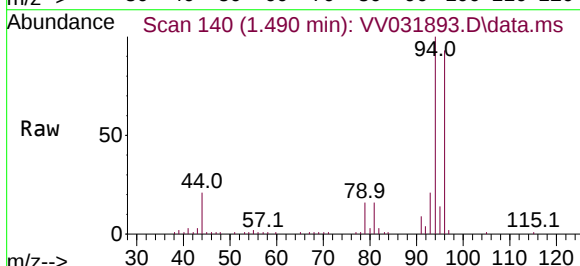
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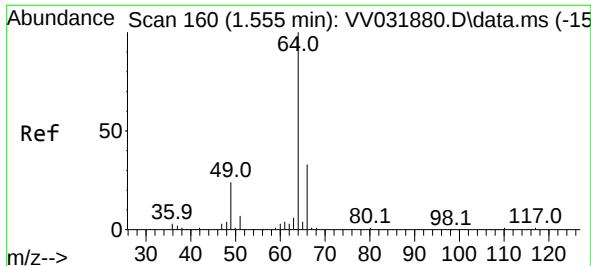
Tgt Ion: 94 Resp: 20658

Ion Ratio Lower Upper

94 100

96 93.3 65.0 120.8

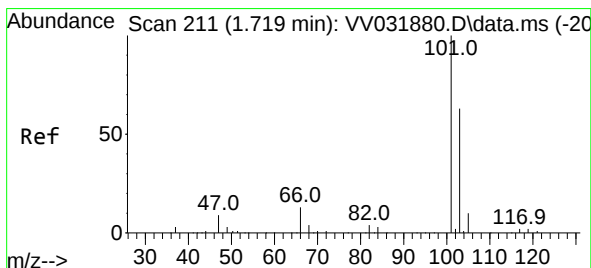
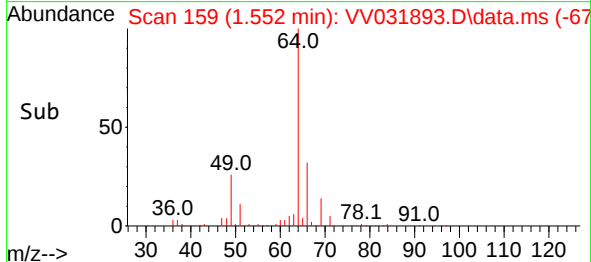
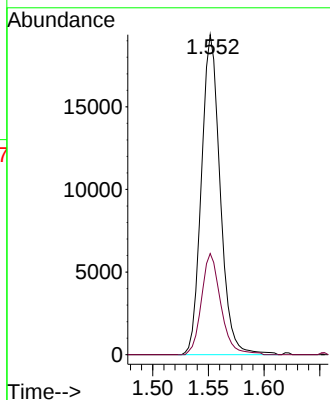
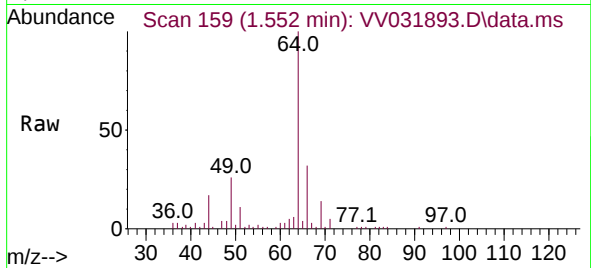




#8
Chloroethane
Concen: 5.078 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

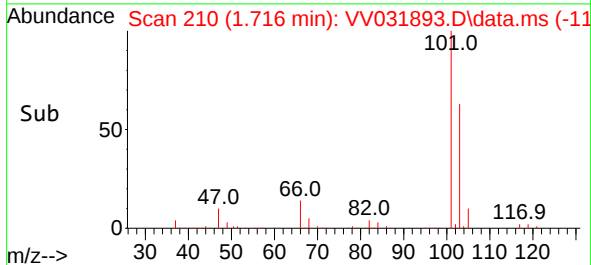
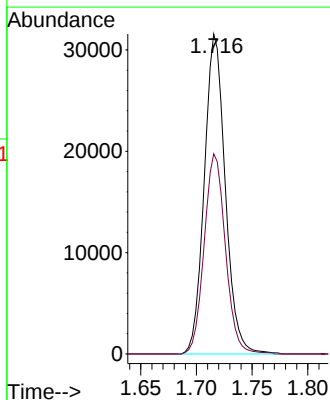
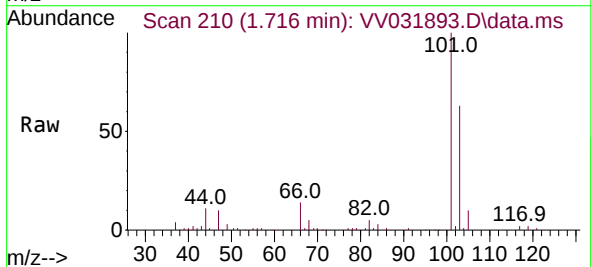
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ClientSampleId :

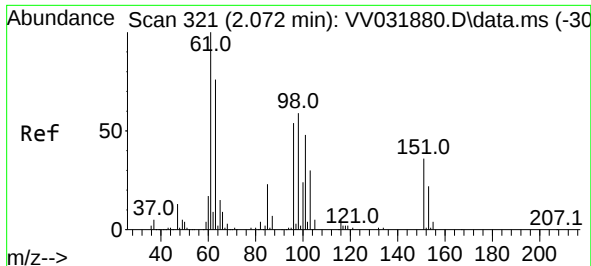
Tgt Ion: 64 Resp: 22691
Ion Ratio Lower Upper
64 100
66 31.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.591 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion:101 Resp: 41432
Ion Ratio Lower Upper
101 100
103 63.5 50.5 75.7

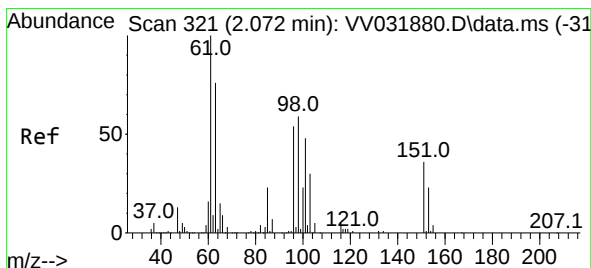
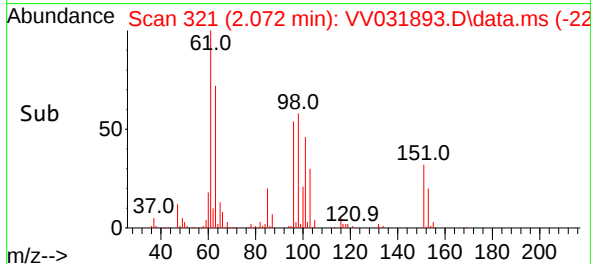
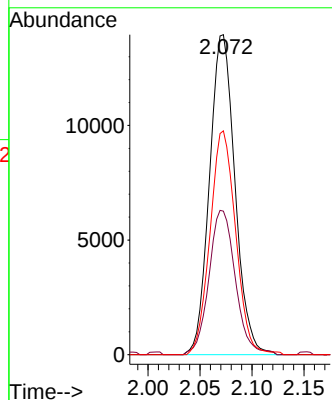
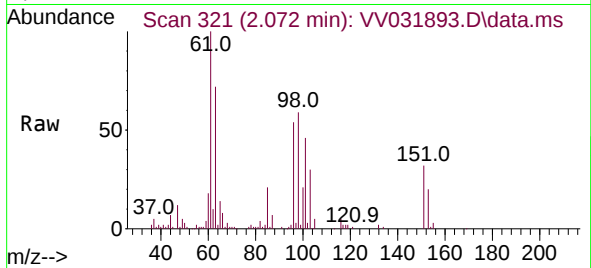




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.413 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

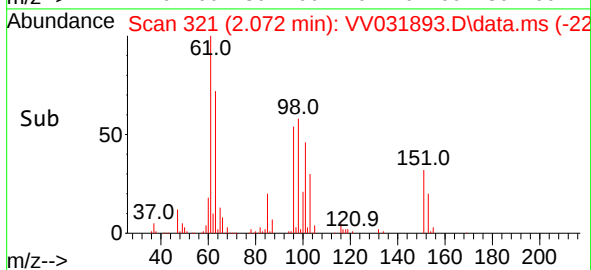
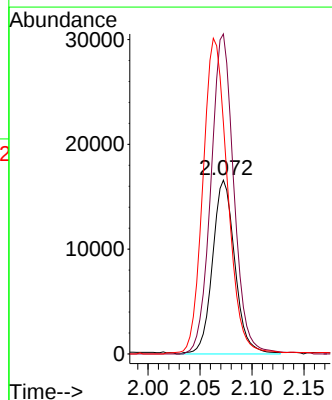
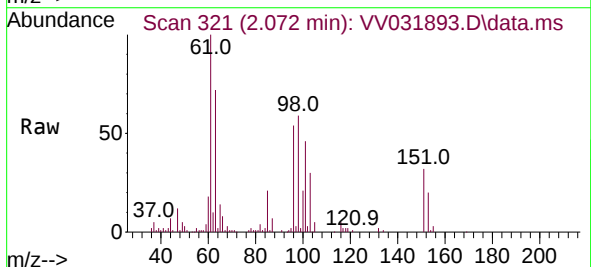
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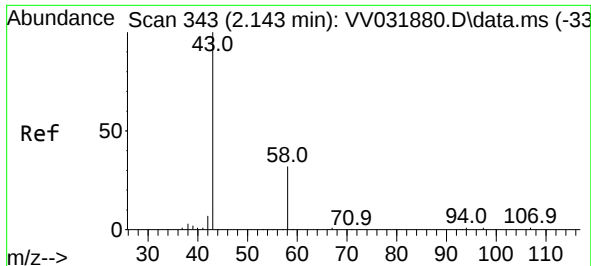
Tgt Ion: 101 Resp: 23752
 Ion Ratio Lower Upper
 101 100
 85 46.7 38.3 57.5
 151 70.6 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 4.929 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

Tgt Ion: 96 Resp: 24756
 Ion Ratio Lower Upper
 96 100
 61 184.1 129.0 239.6
 63 133.0 99.0 183.8





#13

Acetone

Concen: 44.981 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

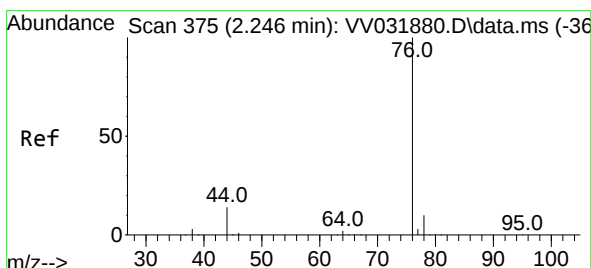
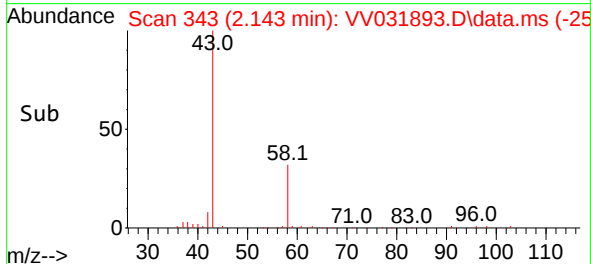
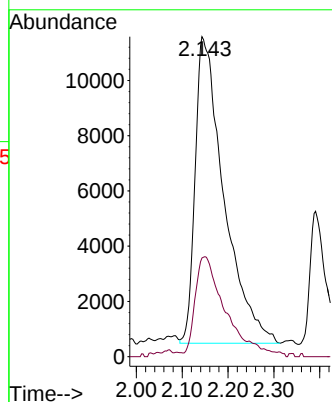
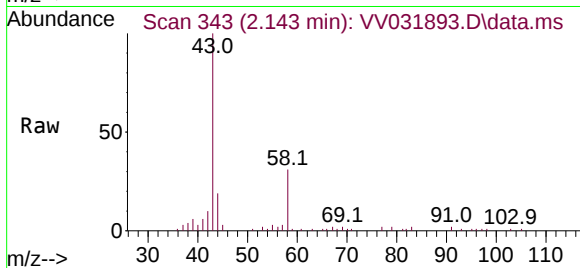
ClientSampleId :

Tgt Ion: 43 Resp: 48347

Ion Ratio Lower Upper

43 100

58 30.9 0.0 37.0



#14

Carbon disulfide

Concen: 4.854 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031893.D

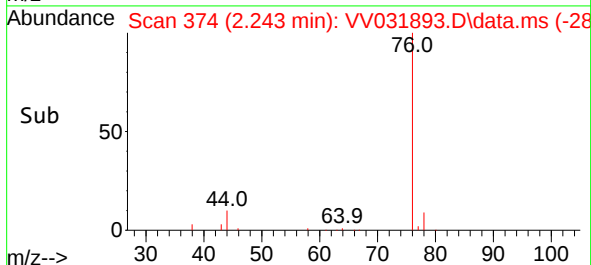
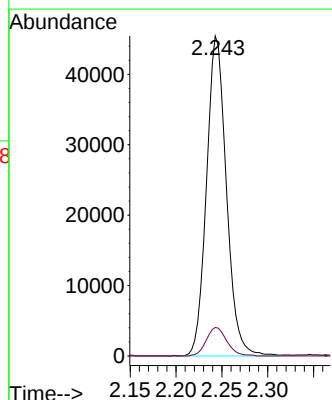
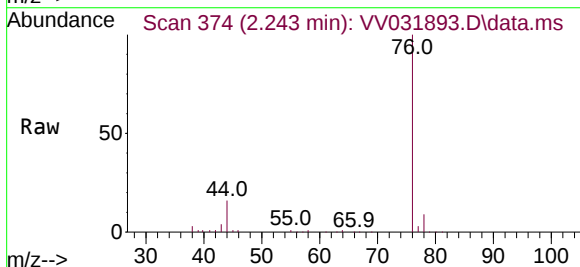
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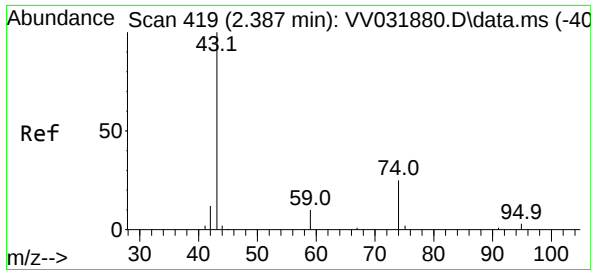
Tgt Ion: 76 Resp: 68586

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5

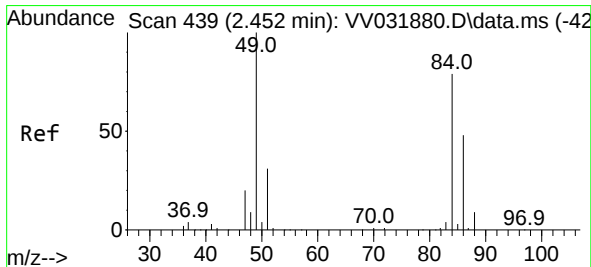
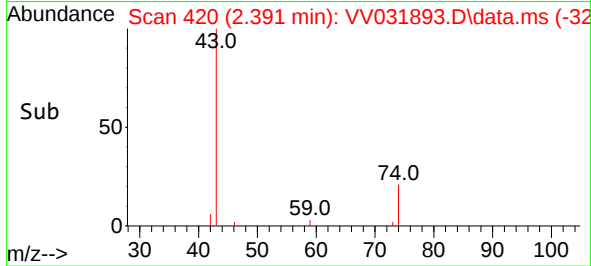
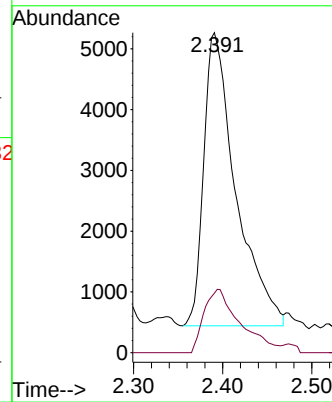
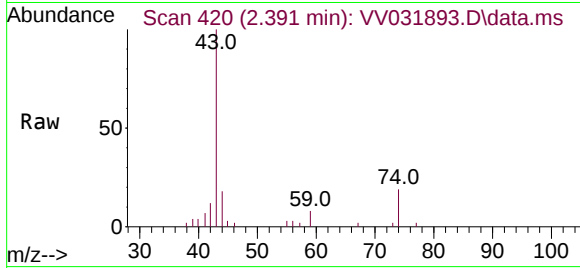




#15
Methyl Acetate
Concen: 5.509 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

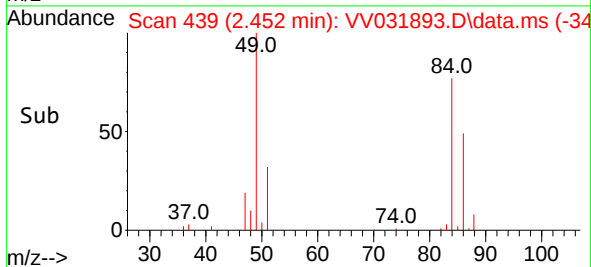
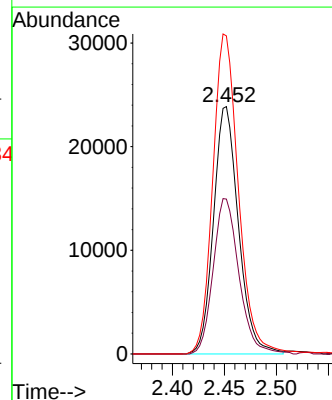
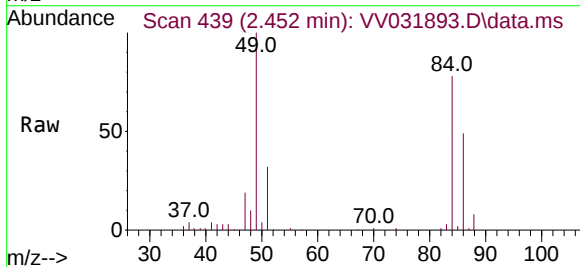
Instrument :
MSVOA_V
ClientSampleId :

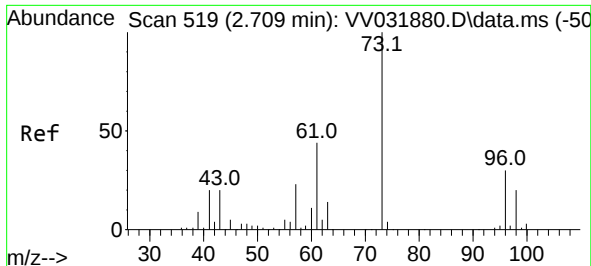
Tgt Ion: 43 Resp: 12067
Ion Ratio Lower Upper
43 100
74 24.5 18.3 27.5



#16
Methylene chloride
Concen: 4.887 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion: 84 Resp: 39916
Ion Ratio Lower Upper
84 100
86 62.6 42.6 79.2
49 128.6 88.5 164.4





#17

Methyl tert-butyl Ether

Concen: 5.068 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031893.D

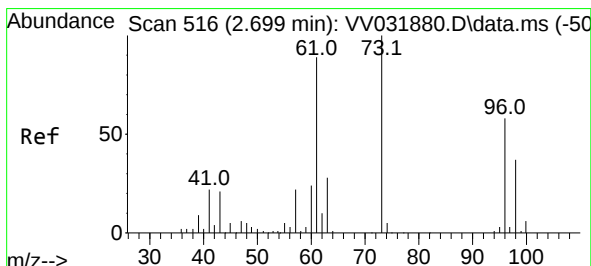
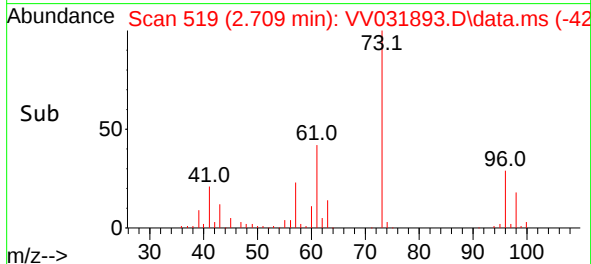
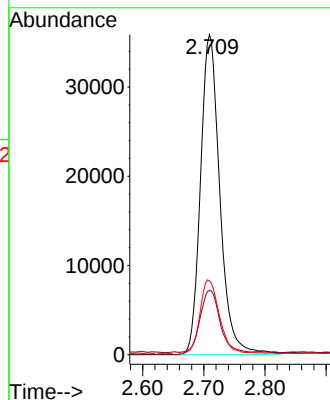
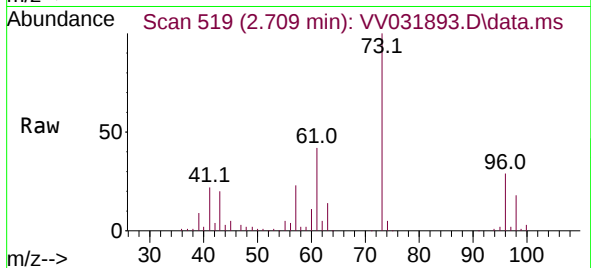
Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 78975
Ion Ratio	Lower Upper
73 100	
43 19.5	15.6 23.4
57 23.9	17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.019 ug/L

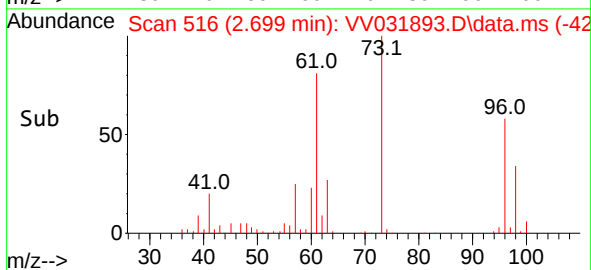
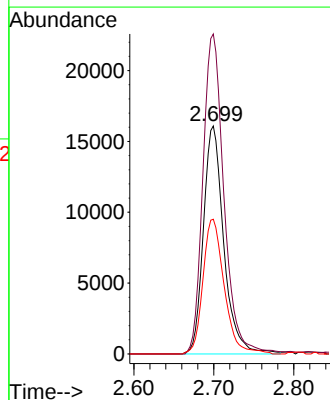
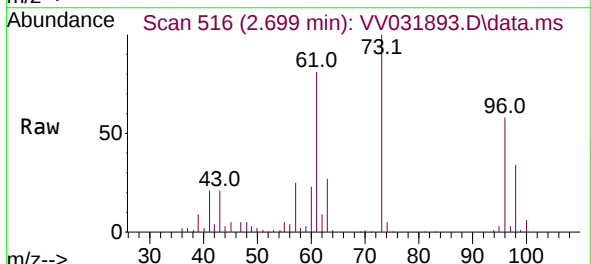
RT: 2.699 min Scan# 516

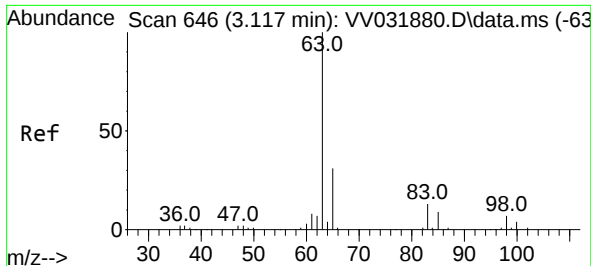
Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Tgt Ion: 96	Resp: 28574
Ion Ratio	Lower Upper
96 100	
61 140.3	106.8 198.4
98 59.1	44.9 83.3

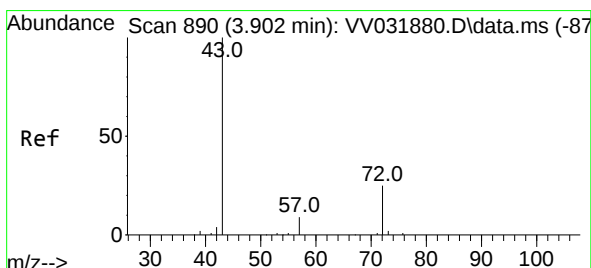
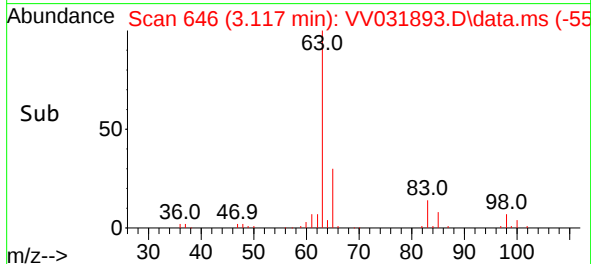
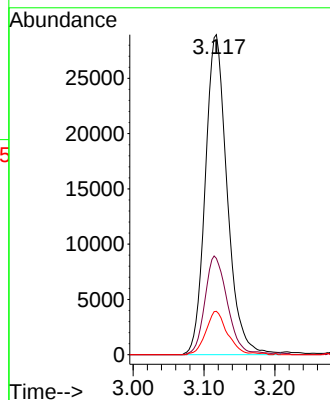
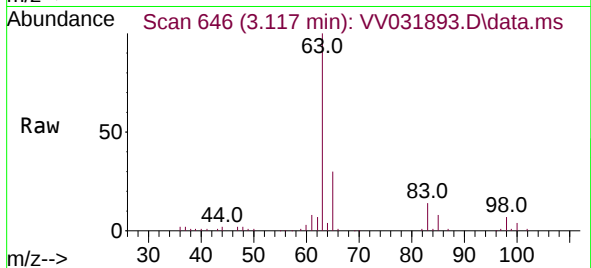




#19
1,1-Dichloroethane
Concen: 5.305 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

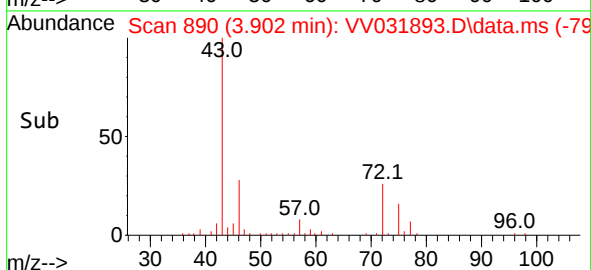
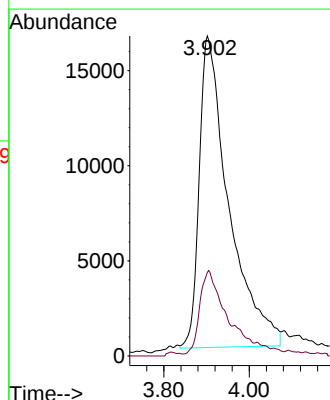
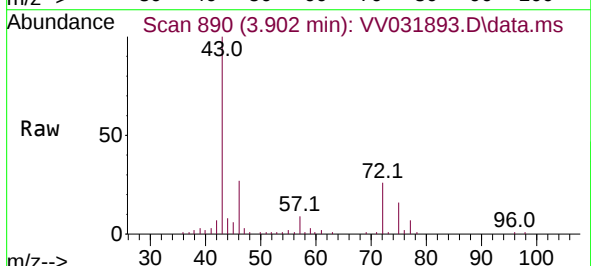
Instrument :
MSVOA_V
ClientSampleId :

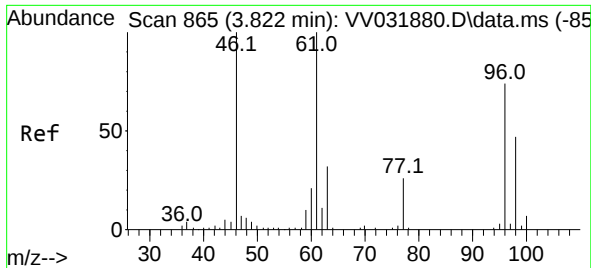
Tgt Ion:	63	Resp:	62205
Ion	Ratio	Lower	Upper
63	100		
65	30.1	21.9	40.7
83	13.6	9.2	17.2



#21
2-Butanone
Concen: 51.576 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

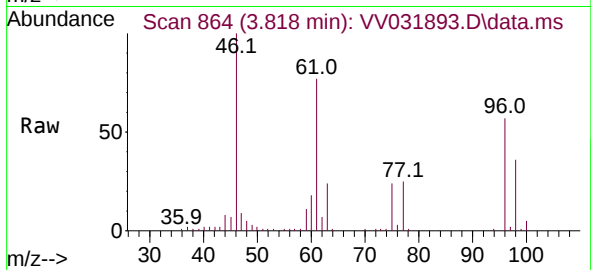
Tgt Ion:	43	Resp:	78520
Ion	Ratio	Lower	Upper
43	100		
72	19.7	9.0	27.0



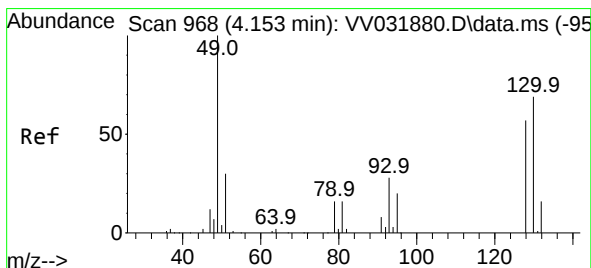
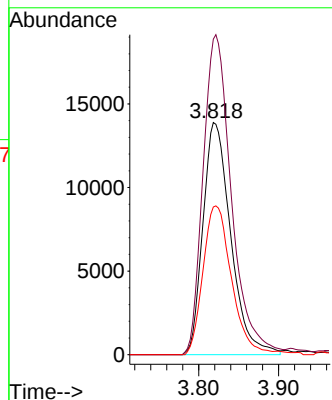
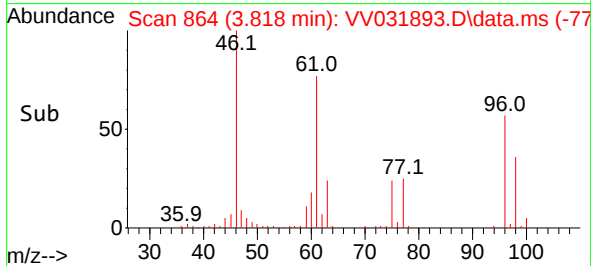


#22
 cis-1,2-Dichloroethene
 Concen: 5.119 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

Instrument :
 MSVOA_V
 ClientSampleId :

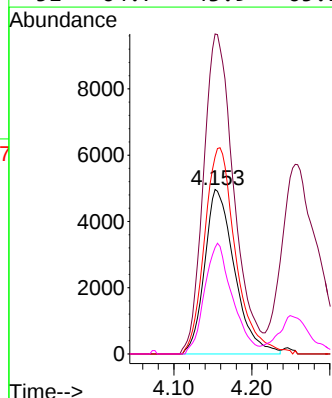
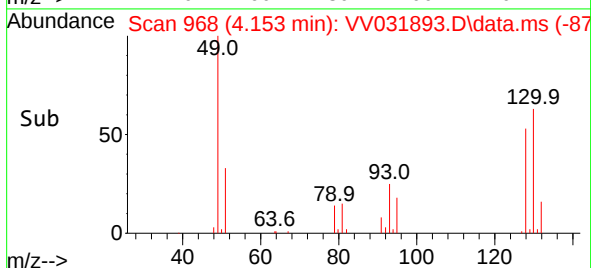
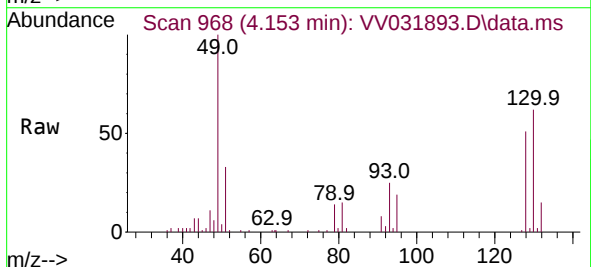


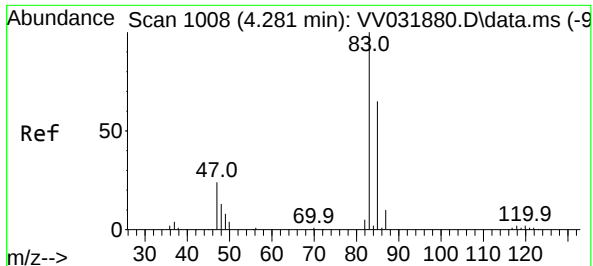
Tgt Ion: 96 Resp: 33570
 Ion Ratio Lower Upper
 96 100
 61 135.9 94.1 174.8
 98 63.6 43.8 81.4



#23
 Bromochloromethane
 Concen: 5.083 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

Tgt Ion: 128 Resp: 13228
 Ion Ratio Lower Upper
 128 100
 49 194.6 123.7 229.7
 130 119.9 84.3 156.5
 51 64.7 43.9 65.9





#25

Chloroform

Concen: 5.134 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

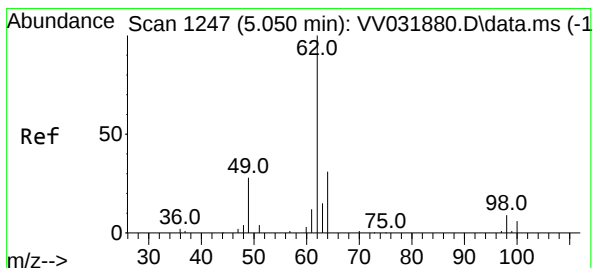
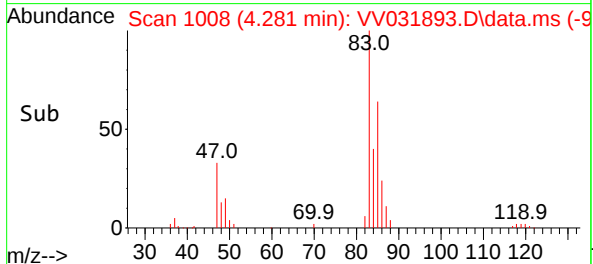
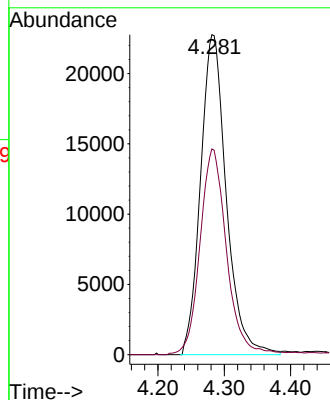
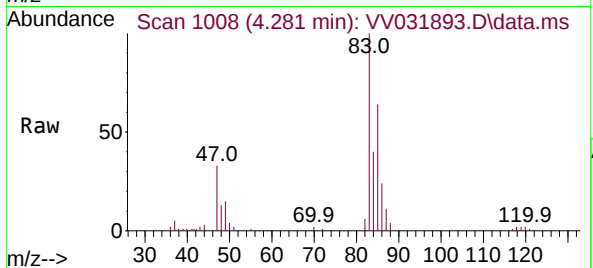
ClientSampleId :

Tgt Ion: 83 Resp: 61369

Ion Ratio Lower Upper

83 100

85 64.3 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.154 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV031893.D

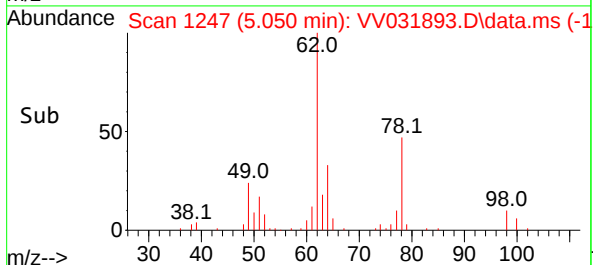
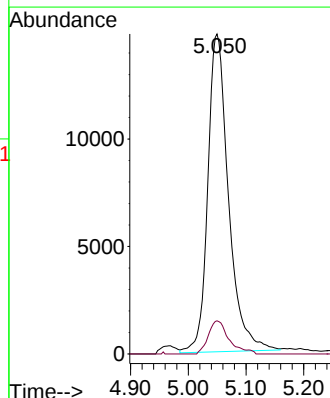
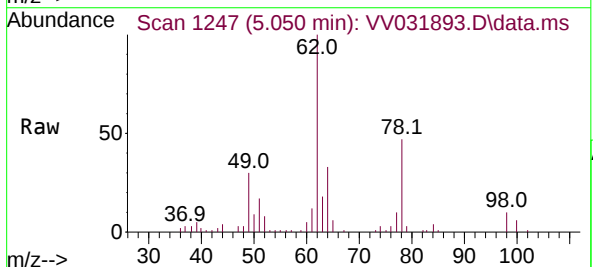
Acq: 24 Aug 2023 02:45

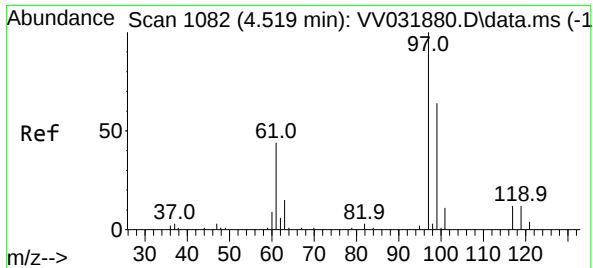
Tgt Ion: 62 Resp: 36840

Ion Ratio Lower Upper

62 100

98 10.3 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.976 ug/L

RT: 4.516 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

ClientSampleId :

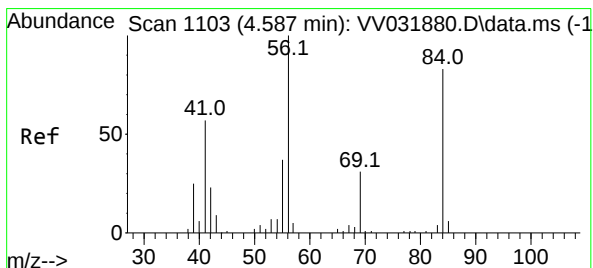
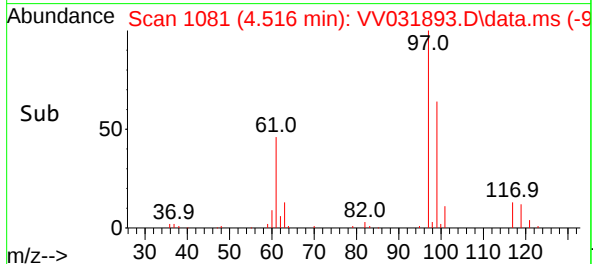
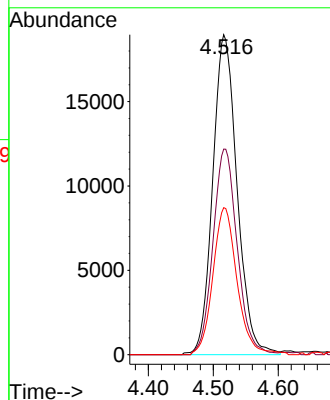
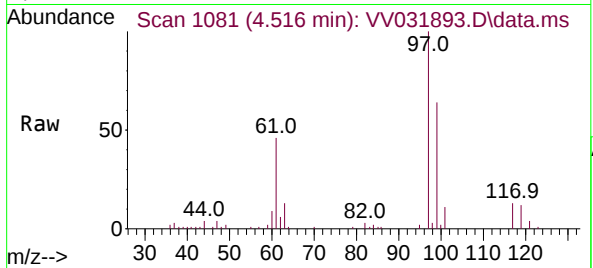
Tgt Ion: 97 Resp: 49369

Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 45.7 35.5 53.3



#30

Cyclohexane

Concen: 4.409 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

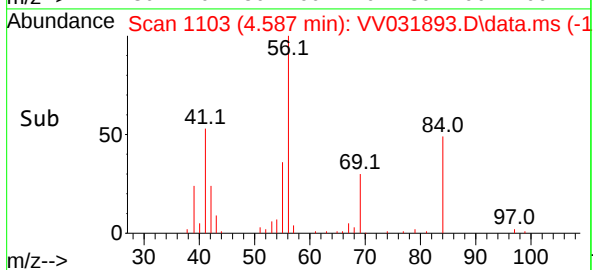
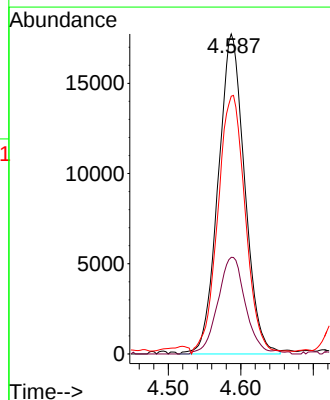
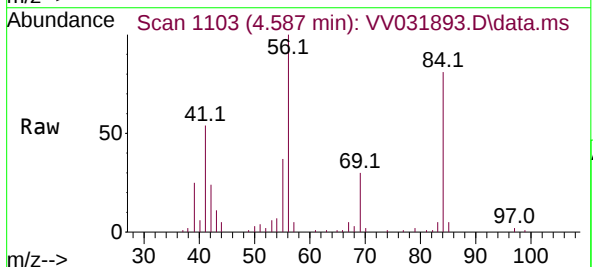
Tgt Ion: 56 Resp: 44959

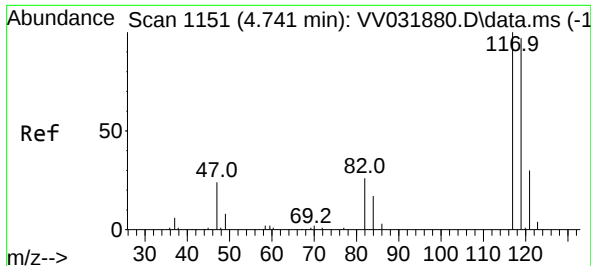
Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.0

84 84.4 66.8 100.2

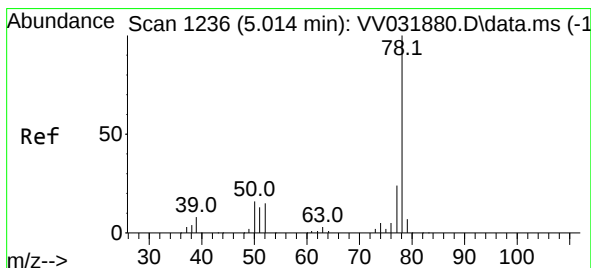
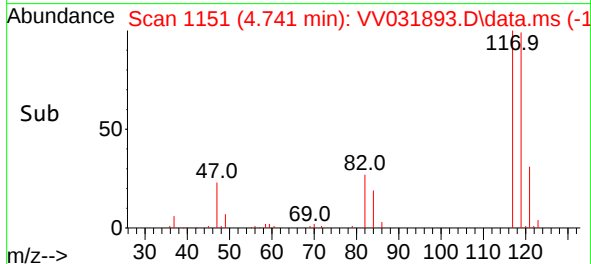
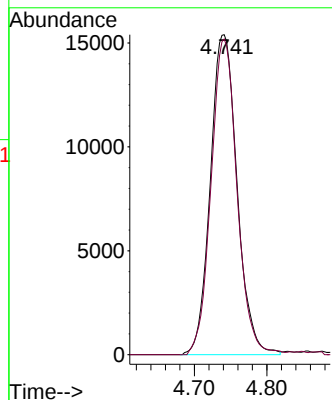
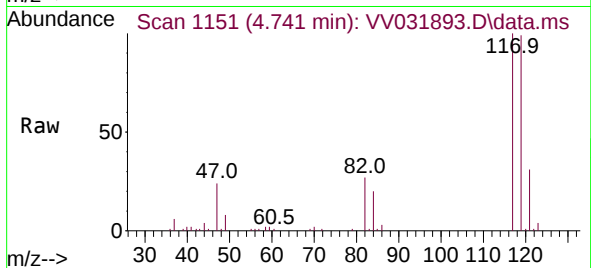




#31
Carbon tetrachloride
Concen: 4.917 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

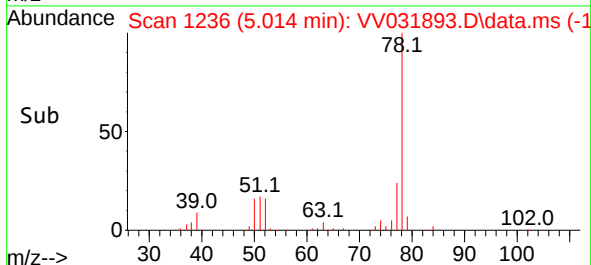
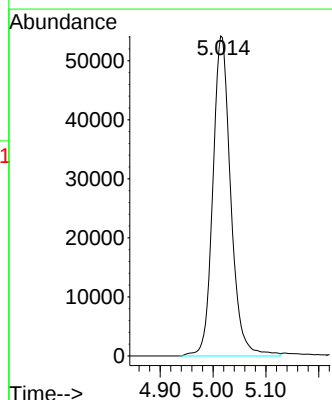
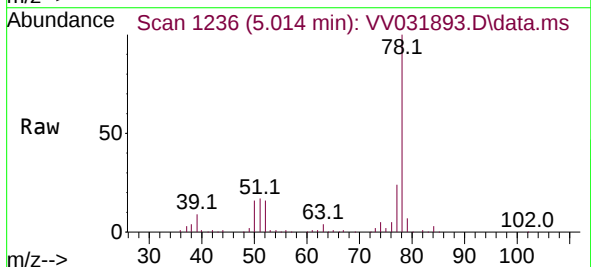
Instrument :
MSVOA_V
ClientSampleId :

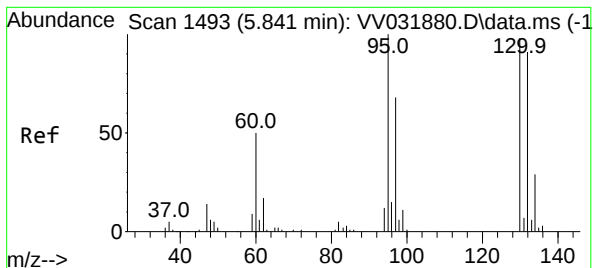
Tgt Ion:117 Resp: 39459
Ion Ratio Lower Upper
117 100
119 95.7 78.4 117.6



#33
Benzene
Concen: 5.394 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion: 78 Resp: 127628





#34

Trichloroethene

Concen: 4.884 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 33777

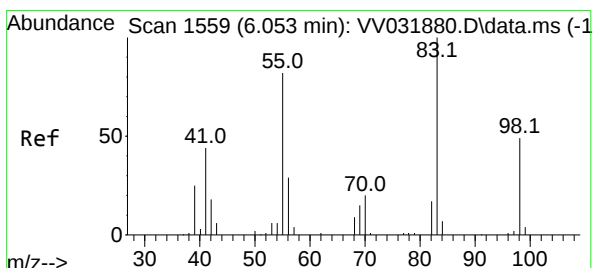
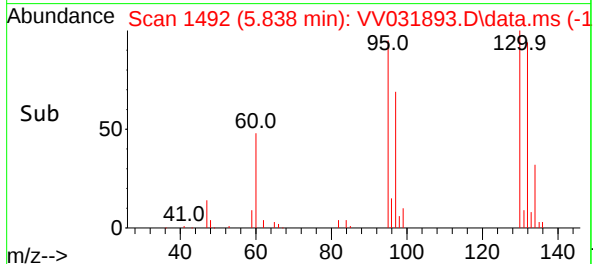
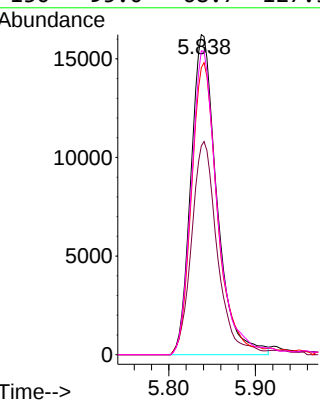
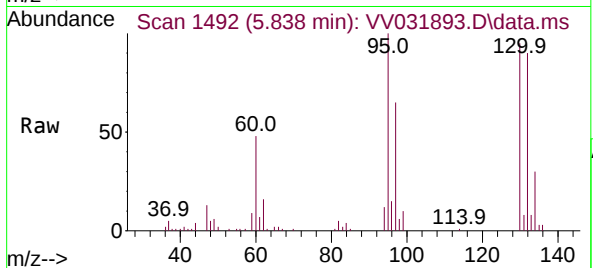
Ion Ratio Lower Upper

95 100

97 65.2 47.7 88.7

132 89.7 63.8 118.4

130 95.0 68.7 127.5



#35

Methylcyclohexane

Concen: 4.367 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

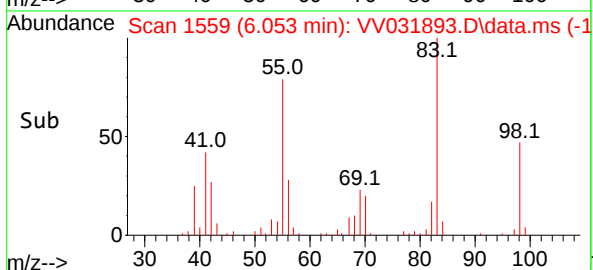
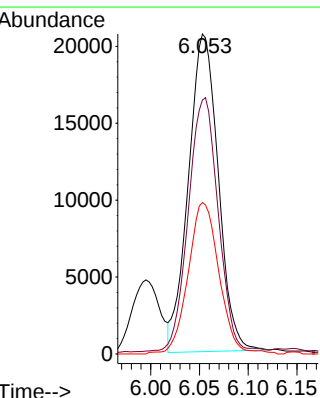
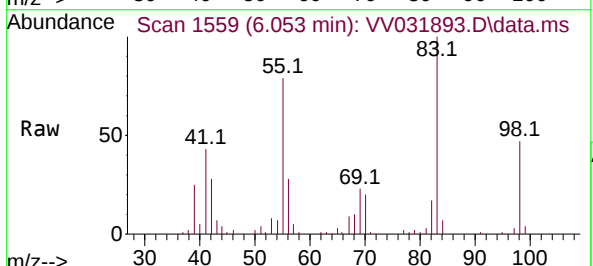
Tgt Ion: 83 Resp: 43959

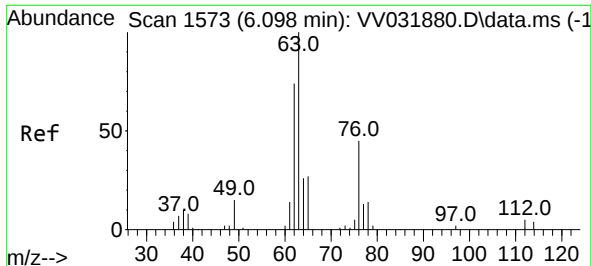
Ion Ratio Lower Upper

83 100

55 80.3 62.6 94.0

98 49.5 37.8 56.8

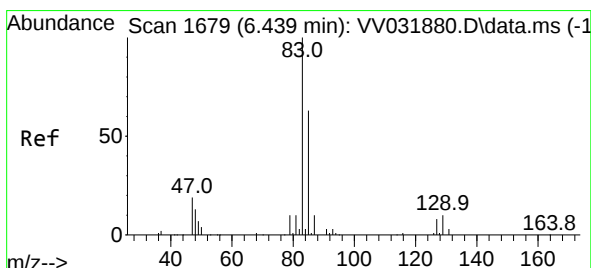
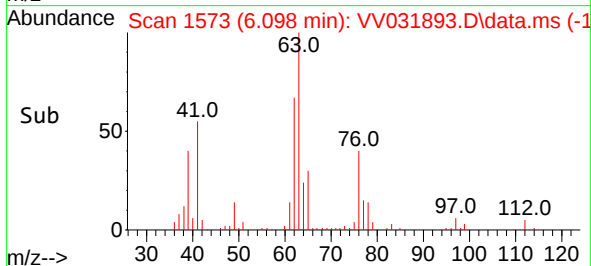
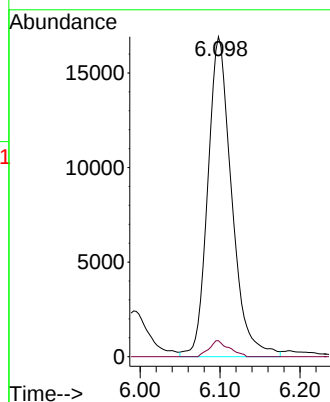
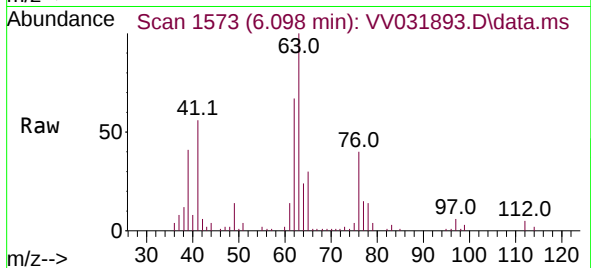




#37
1,2-Dichloropropane
Concen: 5.391 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

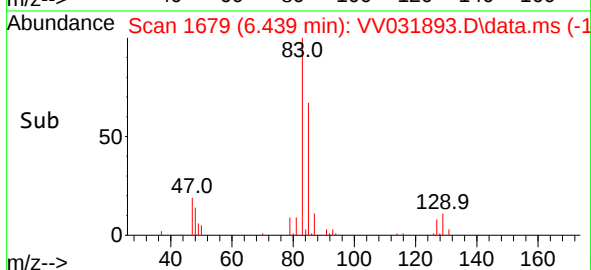
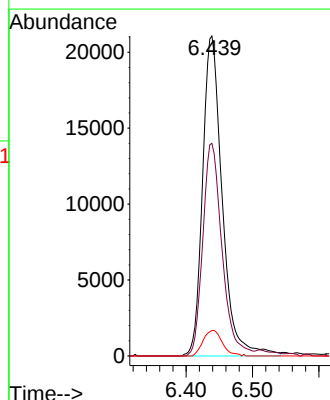
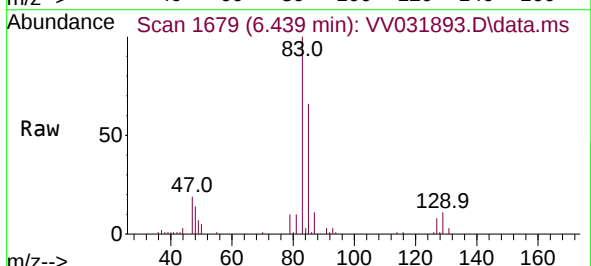
Instrument :
MSVOA_V
ClientSampleId :

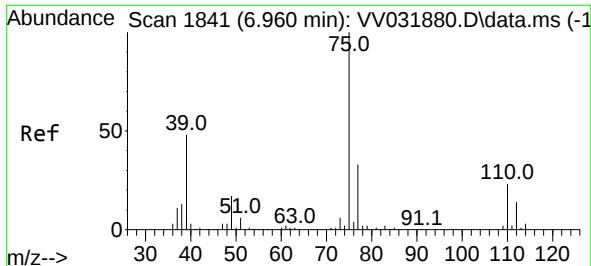
Tgt Ion: 63 Resp: 35144
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.2



#38
Bromodichloromethane
Concen: 5.152 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion: 83 Resp: 43468
Ion Ratio Lower Upper
83 100
85 66.4 44.4 82.4
127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.195 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

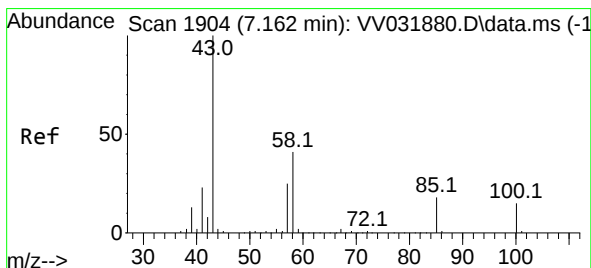
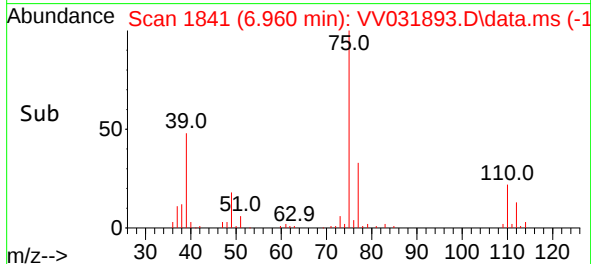
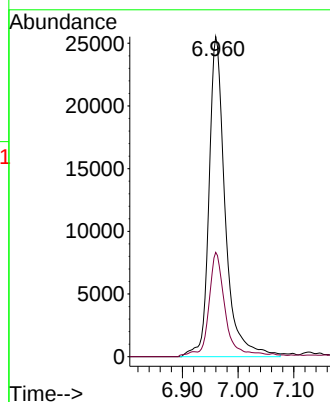
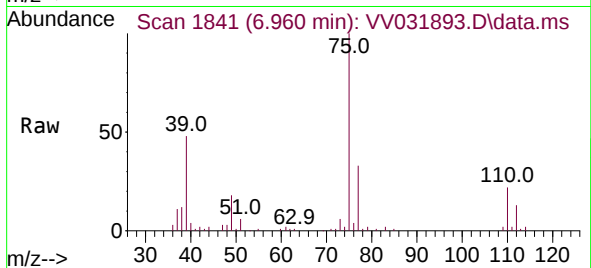
ClientSampleId :

Tgt Ion: 75 Resp: 51527

Ion Ratio Lower Upper

75 100

77 32.6 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 51.380 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

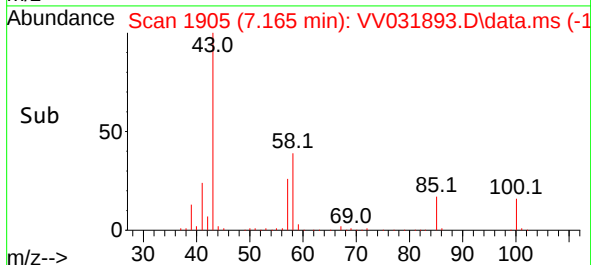
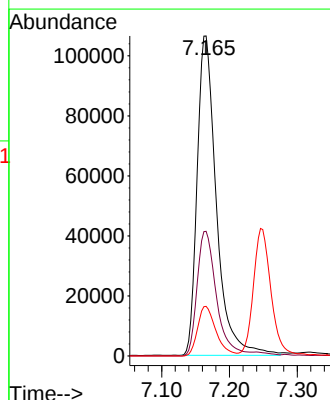
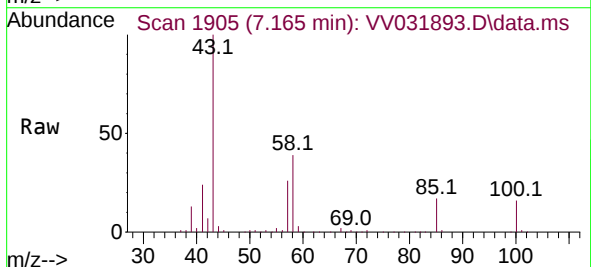
Tgt Ion: 43 Resp: 209923

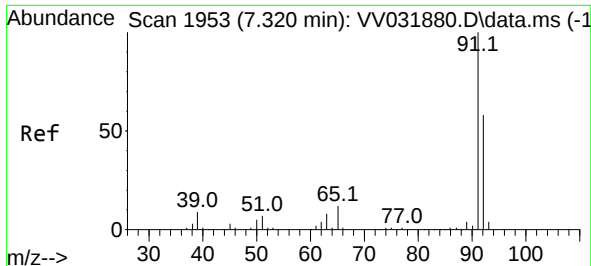
Ion Ratio Lower Upper

43 100

58 39.2 29.0 43.6

100 14.8 10.7 16.1





#42

Toluene

Concen: 5.030 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

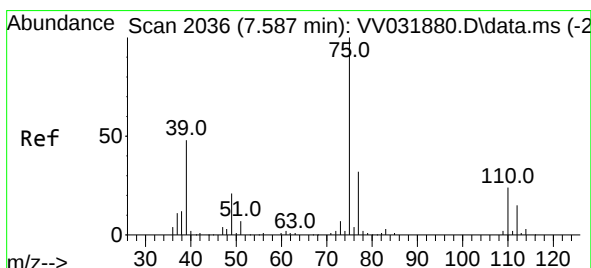
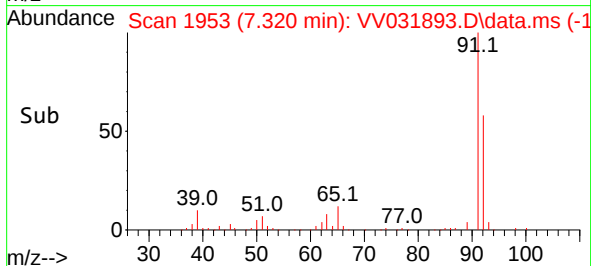
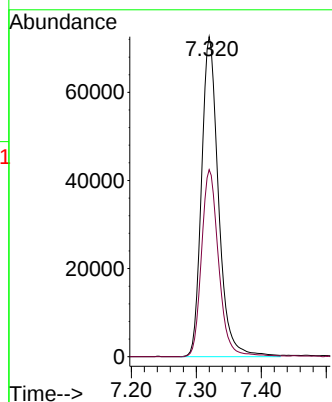
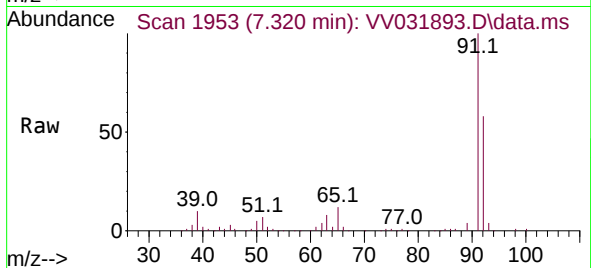
ClientSampleId :

Tgt Ion: 91 Resp: 132214

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.886 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031893.D

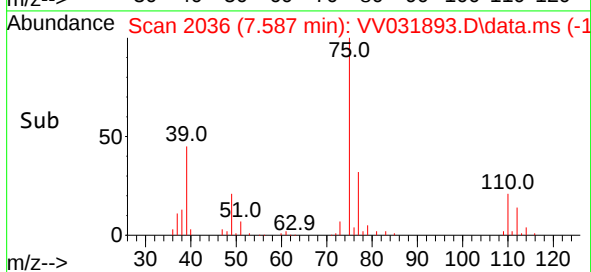
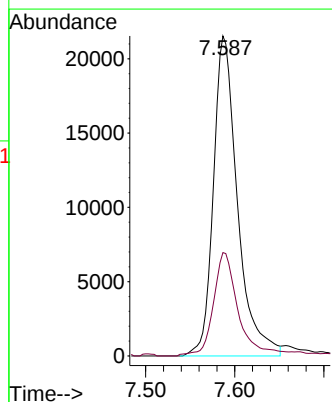
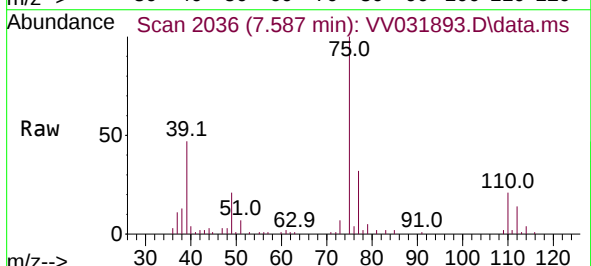
Acq: 24 Aug 2023 02:45

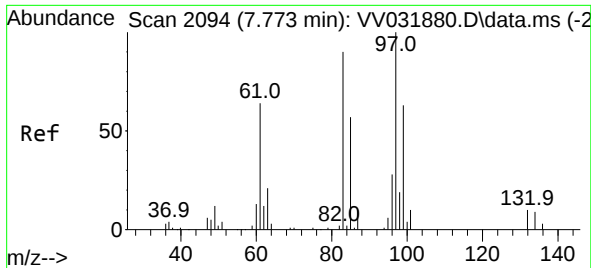
Tgt Ion: 75 Resp: 40458

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6

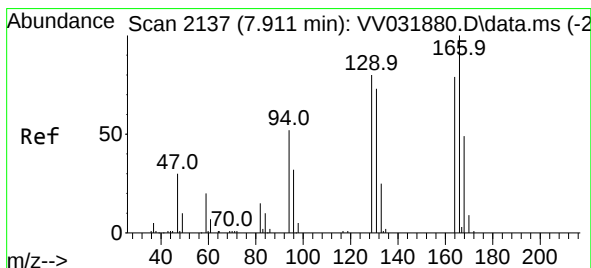
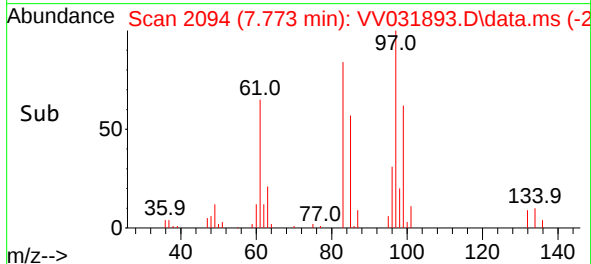
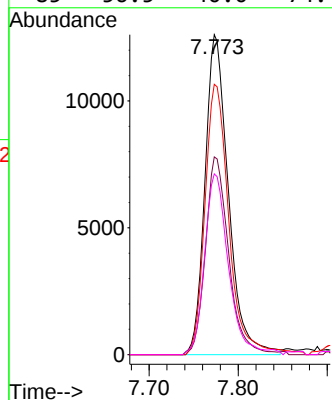
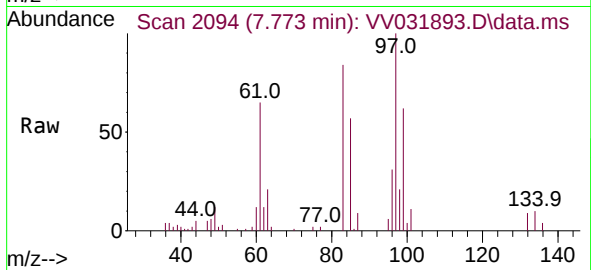




#45
1,1,2-Trichloroethane
Concen: 4.942 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

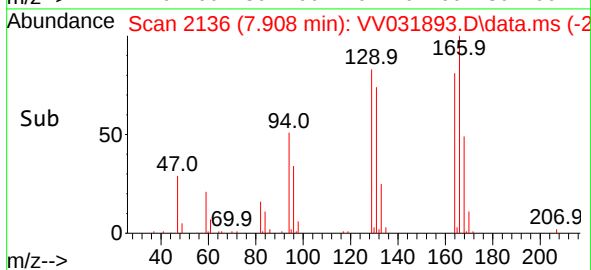
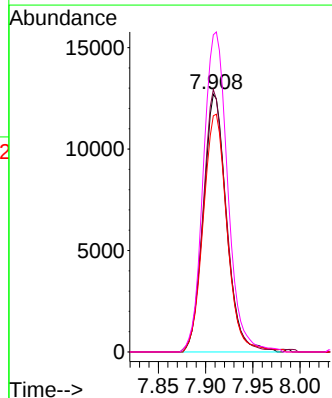
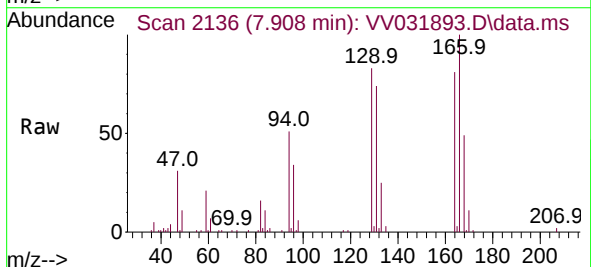
Instrument :
MSVOA_V
ClientSampleId :

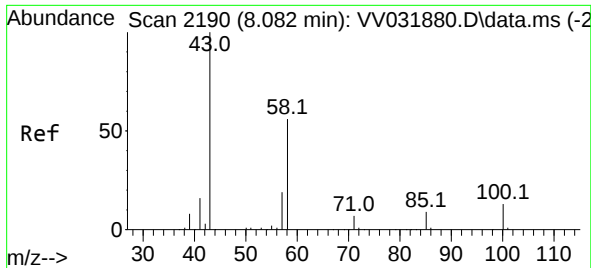
Tgt Ion:	97	Resp:	23058
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.3	82.3
83	84.5	62.7	116.5
85	56.5	40.0	74.4



#47
Tetrachloroethene
Concen: 4.909 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion:	164	Resp:	21686
Ion	Ratio	Lower	Upper
164	100		
129	101.8	70.6	131.2
131	91.7	64.6	120.0
166	123.1	88.3	164.1

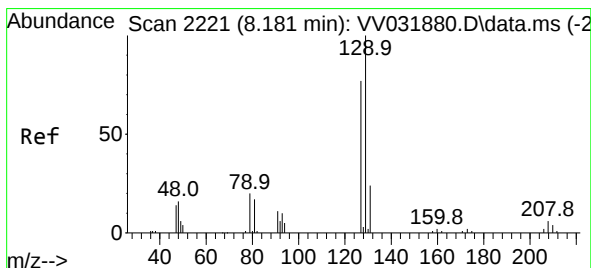
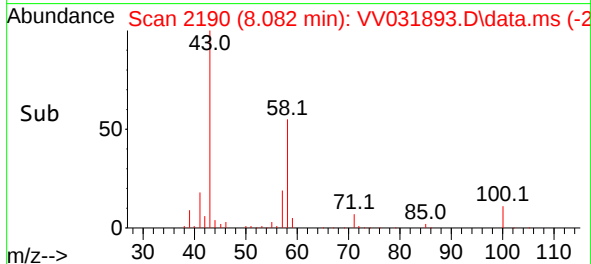
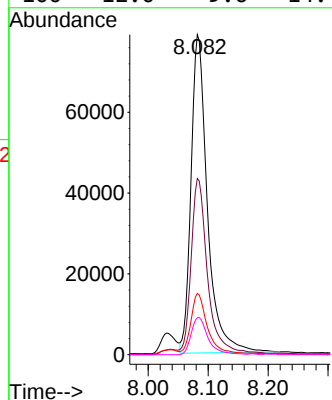
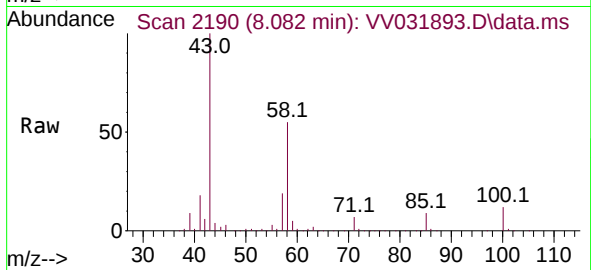




#48
2-Hexanone
Concen: 49.144 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

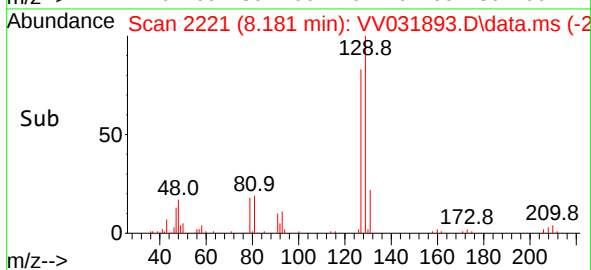
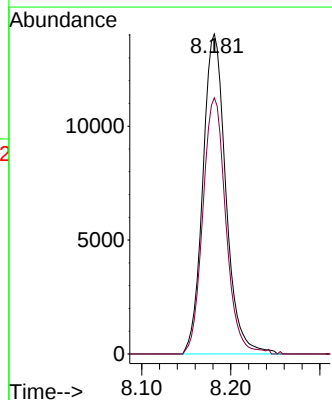
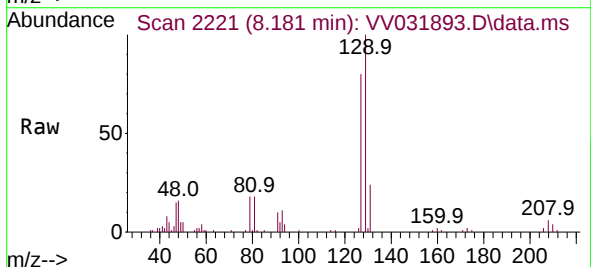
Instrument :
MSVOA_V
ClientSampleId :

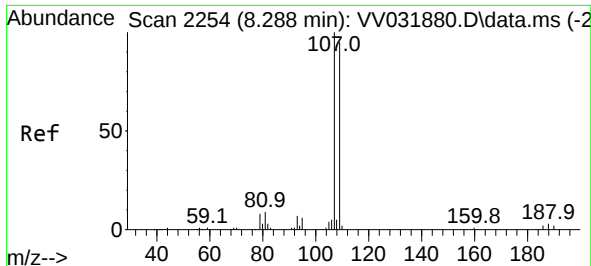
Tgt Ion: 43	Resp: 150016
Ion Ratio	Lower Upper
43 100	
58 54.8	44.3 66.5
57 18.9	14.3 21.5
100 12.0	9.6 14.4



#49
Dibromochloromethane
Concen: 5.184 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion:129	Resp:	25209	
Ion	Ratio	Lower	Upper
129	100		
127	80.1	53.7	99.7





#50

1,2-Dibromoethane

Concen: 4.881 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

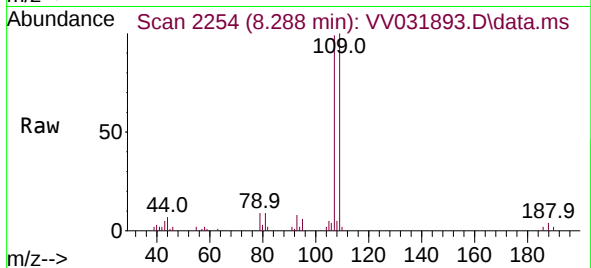
Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

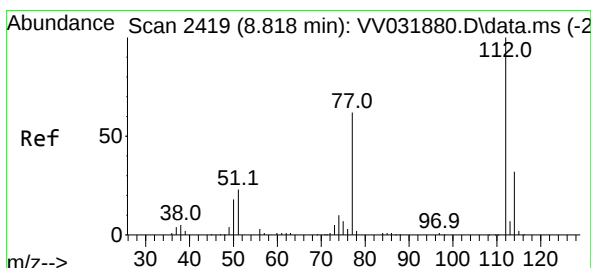
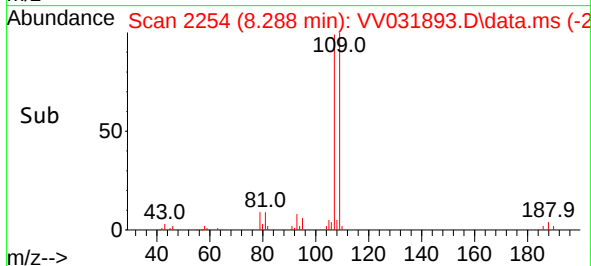
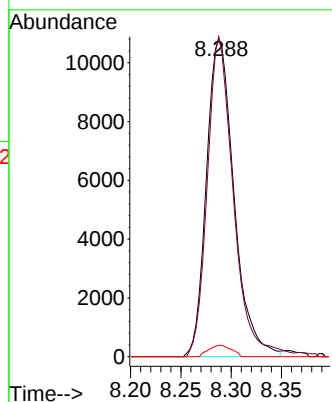
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	20596
Ion	Ratio	Lower	Upper
107	100		
109	100.5	66.3	123.1
188	3.6	2.6	3.8



#51

Chlorobenzene

Concen: 4.983 ug/L

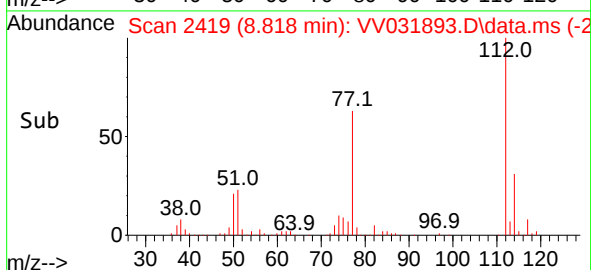
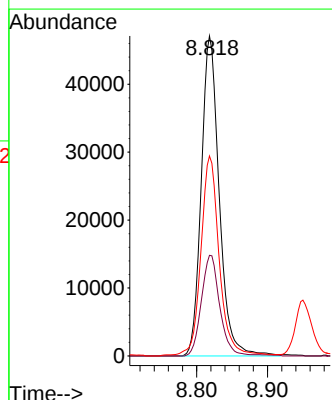
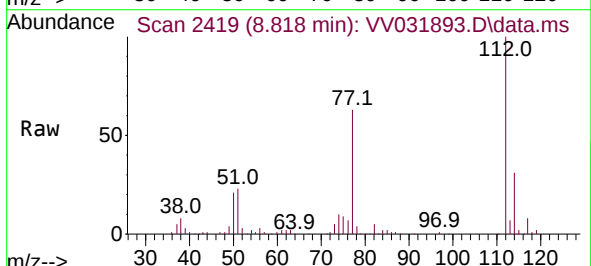
RT: 8.818 min Scan# 2419

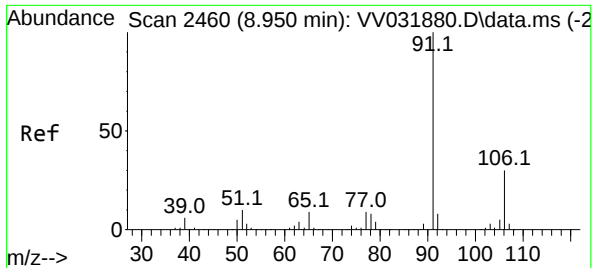
Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Tgt Ion:	112	Resp:	82936
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.3	41.3
77	62.5	50.6	75.8

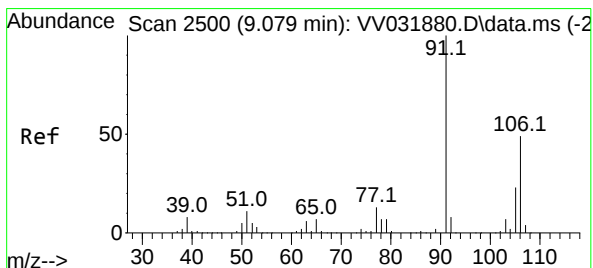
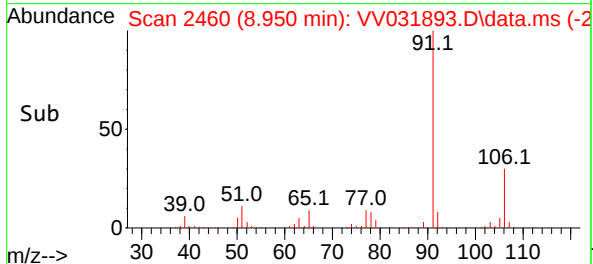
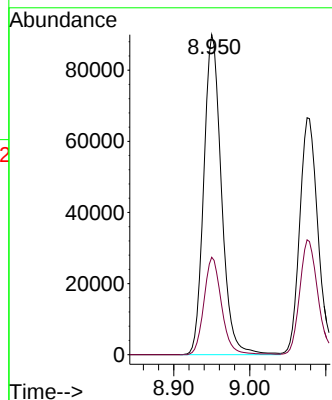
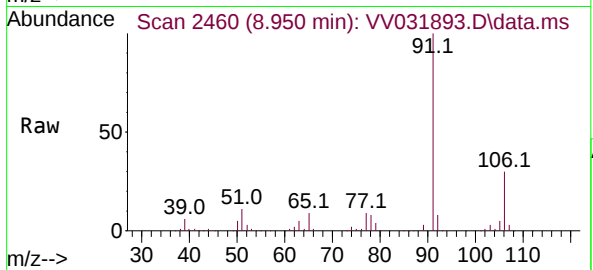




#52
Ethylbenzene
Concen: 4.806 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

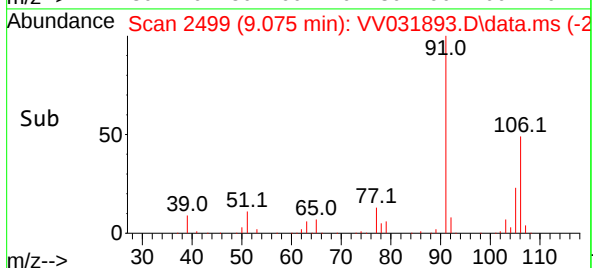
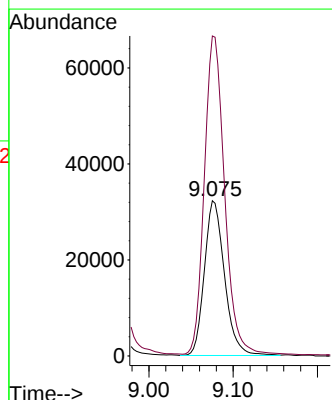
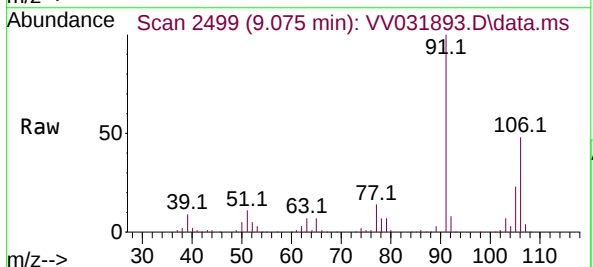
Instrument :
MSVOA_V
ClientSampleId :

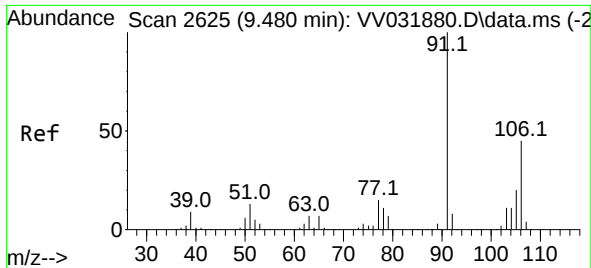
Tgt Ion: 91 Resp: 145236
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 4.717 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.003 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion: 106 Resp: 53691
Ion Ratio Lower Upper
106 100
91 206.3 142.7 265.1

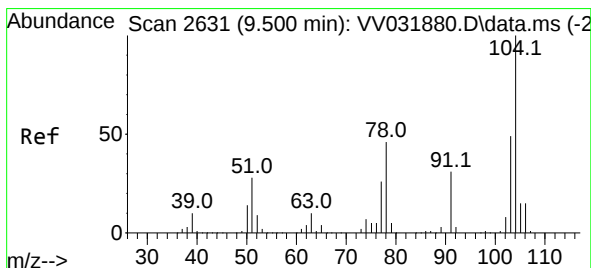
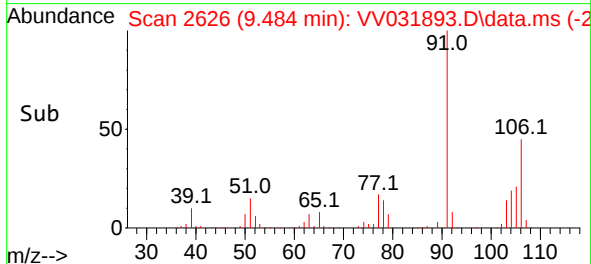
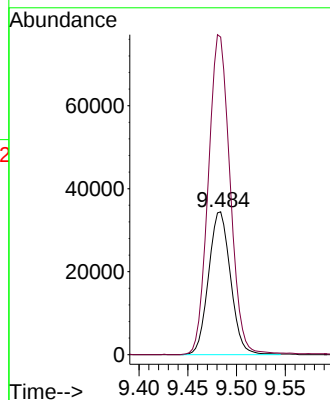
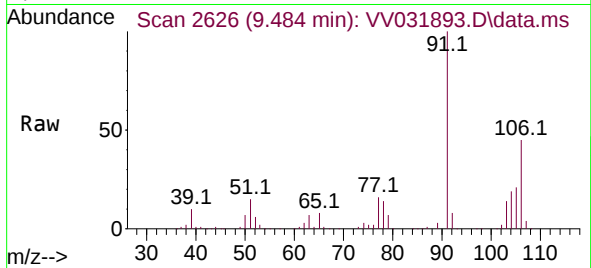




#54
o-Xylene
Concen: 4.918 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

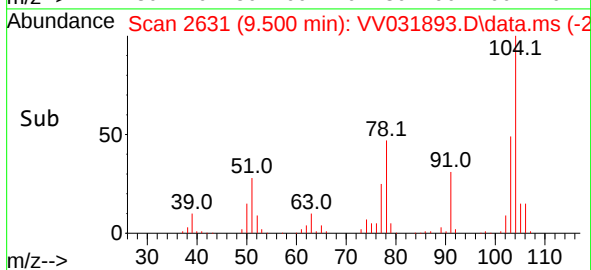
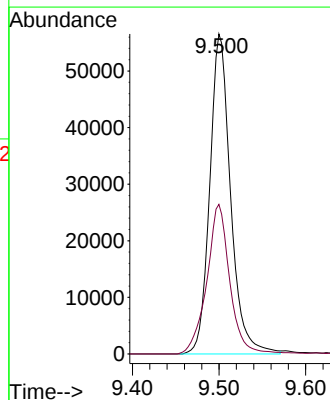
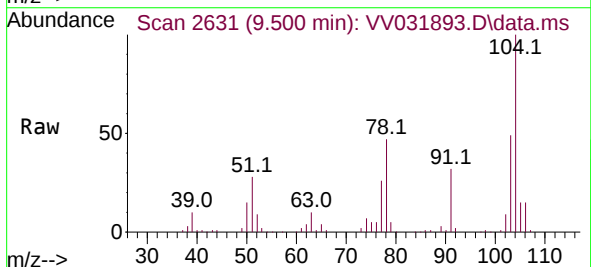
Instrument :
MSVOA_V
ClientSampleId :

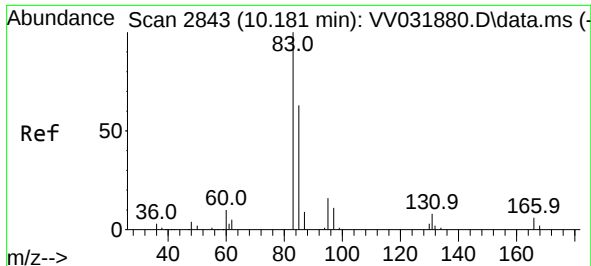
Tgt Ion:106 Resp: 54096
Ion Ratio Lower Upper
106 100
91 222.2 154.7 287.3



#55
Styrene
Concen: 4.975 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion:104 Resp: 94411
Ion Ratio Lower Upper
104 100
78 46.8 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.880 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV031893.D

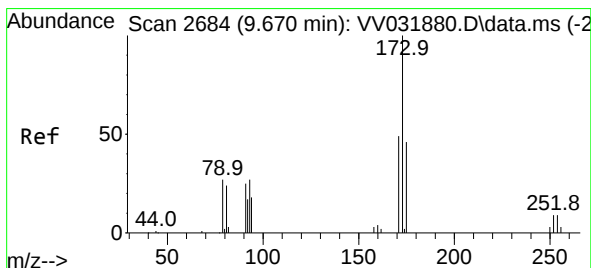
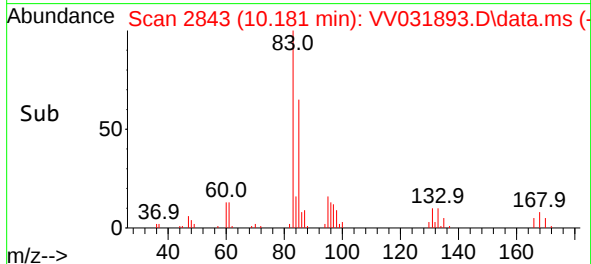
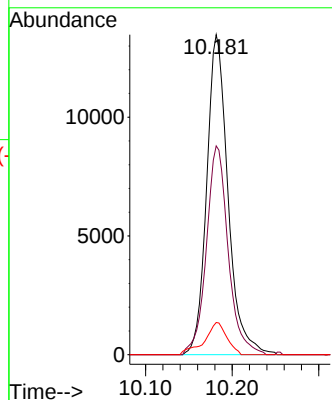
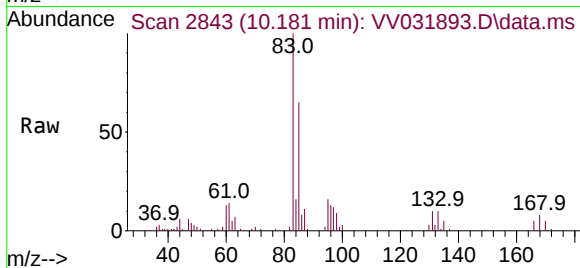
Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 23053
Ion Ratio	Lower Upper
83 100	
85 65.3	46.6 86.6
131 10.1	7.4 11.2



#59

Bromoform

Concen: 5.461 ug/L

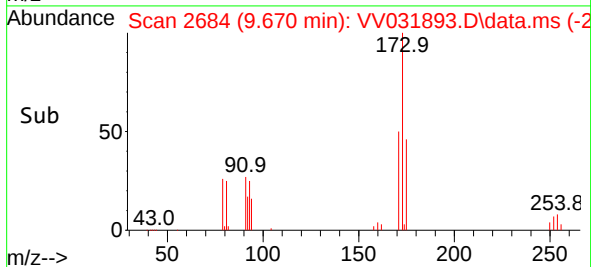
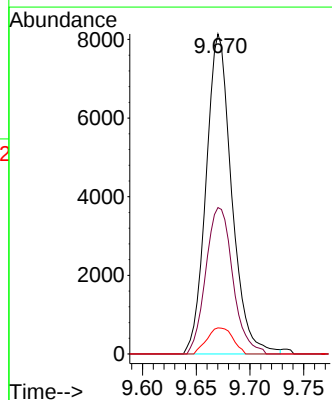
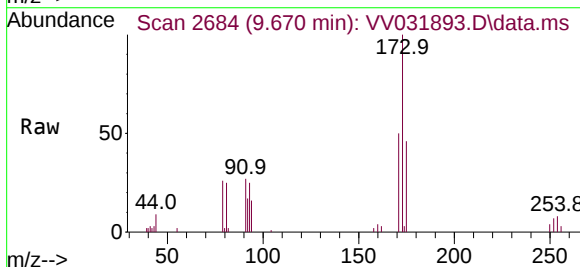
RT: 9.670 min Scan# 2684

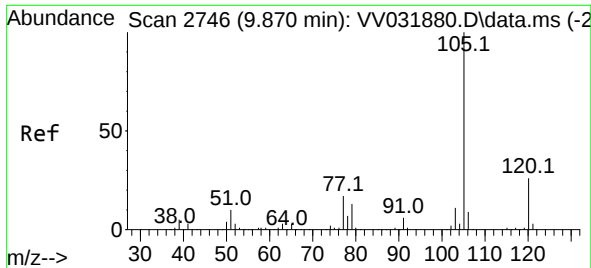
Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Tgt Ion: 173	Resp: 13480
Ion Ratio	Lower Upper
173 100	
175 48.3	38.0 57.0
254 8.2	6.8 10.2

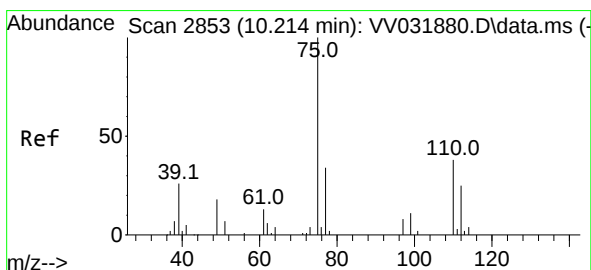
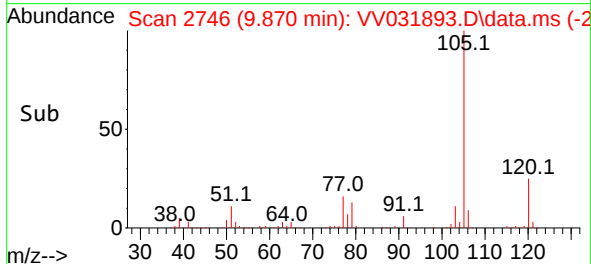
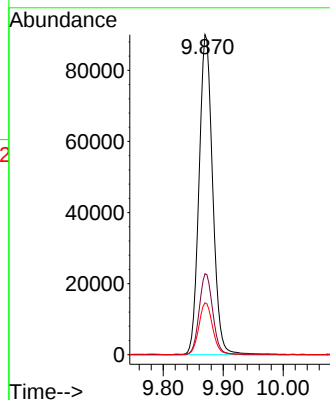
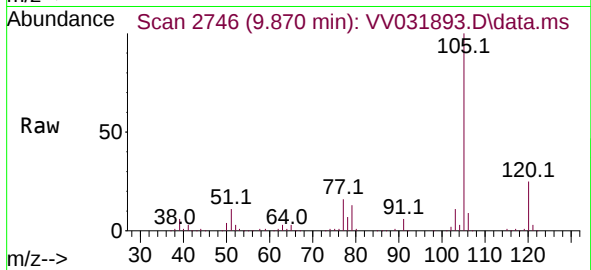




#60
Isopropylbenzene
Concen: 4.905 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

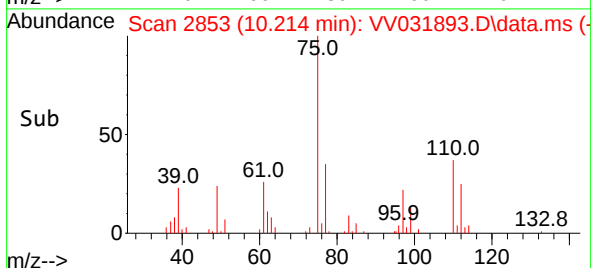
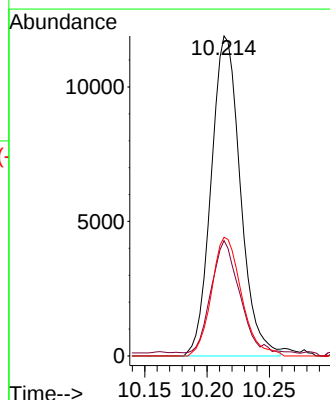
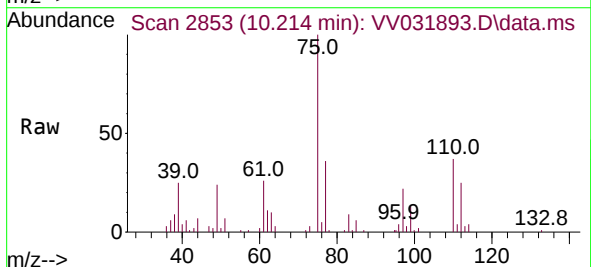
Instrument :
MSVOA_V
ClientSampleId :

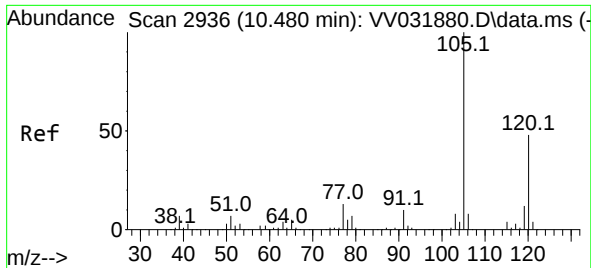
Tgt Ion:105 Resp: 142434
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 16.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 5.045 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

Tgt Ion: 75 Resp: 19412
Ion Ratio Lower Upper
75 100
77 34.3 28.8 43.2
110 37.9 30.2 45.2

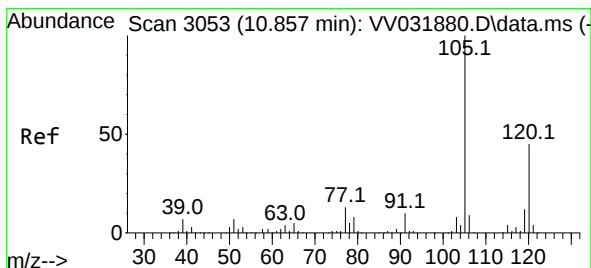
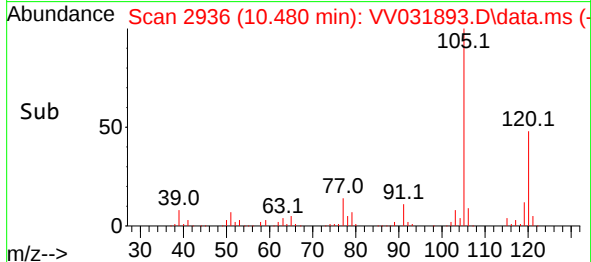
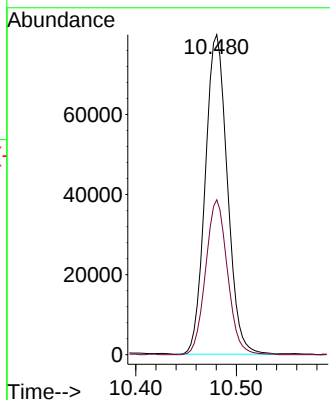
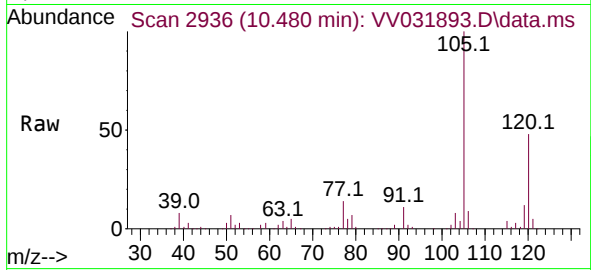




#62
 1,3,5-Trimethylbenzene
 Concen: 4.901 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

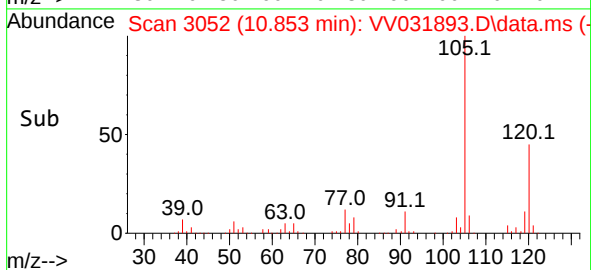
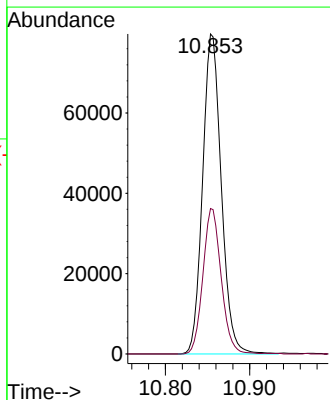
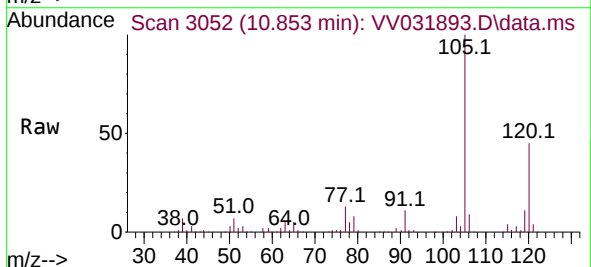
Instrument :
 MSVOA_V
 ClientSampleId :

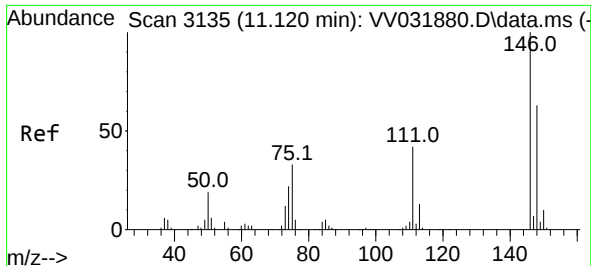
Tgt Ion:105 Resp: 122011
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.036 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.003 min
 Lab File: VV031893.D
 Acq: 24 Aug 2023 02:45

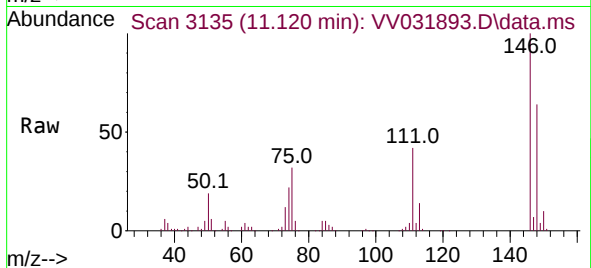
Tgt Ion:105 Resp: 123180
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.8 53.8



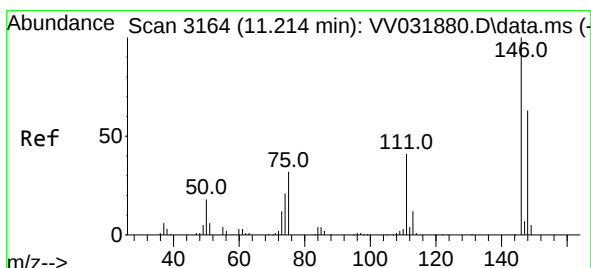
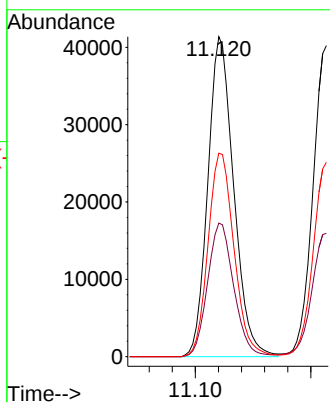
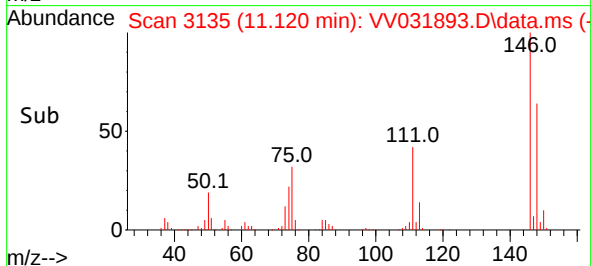


#64
1,3-Dichlorobenzene
Concen: 5.002 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45

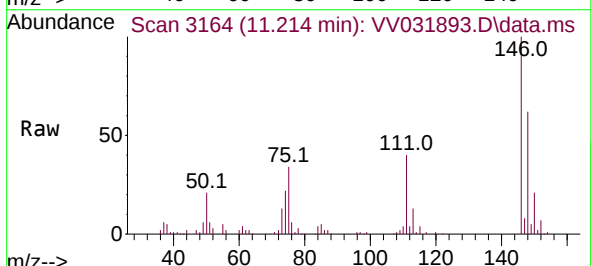
Instrument :
MSVOA_V
ClientSampleId :



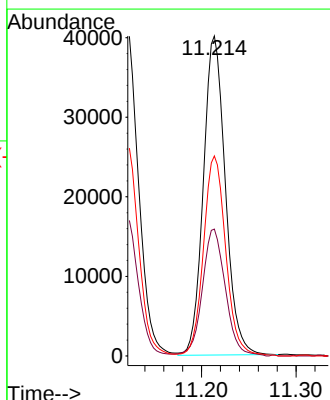
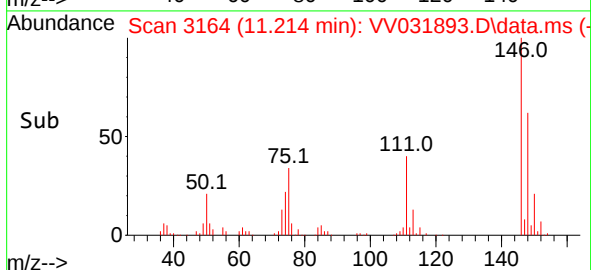
Tgt Ion:146 Resp: 64331
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.7
148 63.6 43.9 81.5

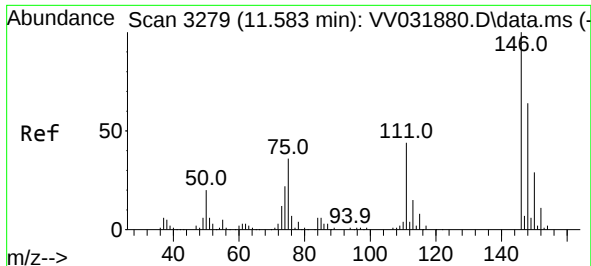


#65
1,4-Dichlorobenzene
Concen: 4.902 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031893.D
Acq: 24 Aug 2023 02:45



Tgt Ion:146 Resp: 64773
Ion Ratio Lower Upper
146 100
111 39.6 29.2 54.2
148 62.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.056 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

ClientSampleId :

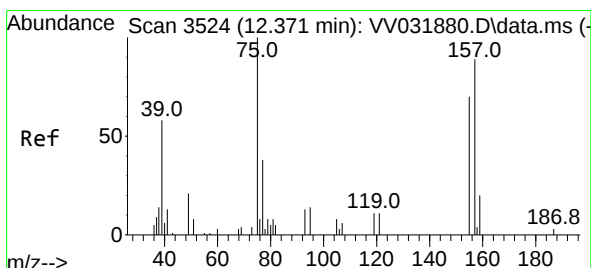
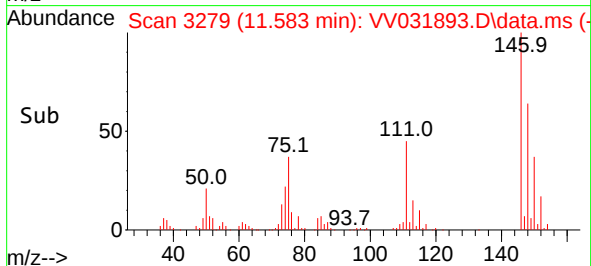
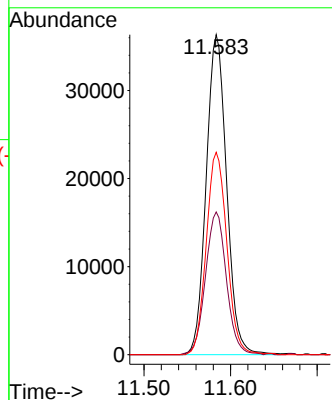
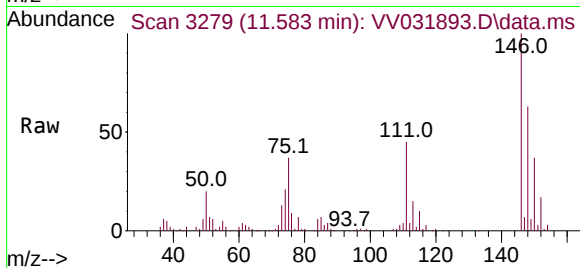
Tgt Ion:146 Resp: 59509

Ion Ratio Lower Upper

146 100

111 44.6 34.8 52.2

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.897 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

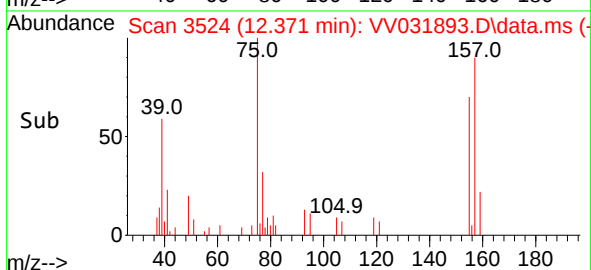
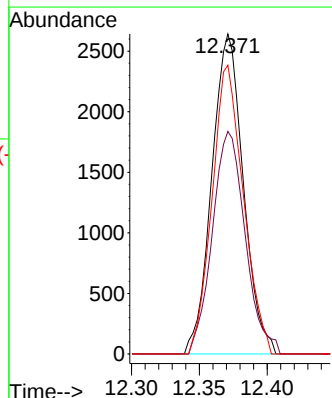
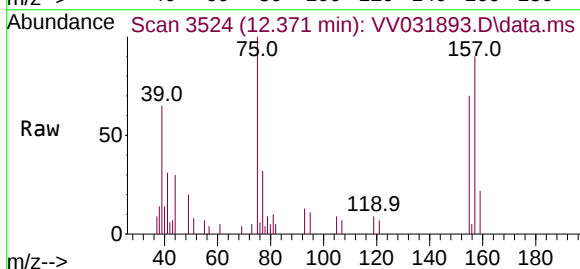
Tgt Ion: 75 Resp: 4268

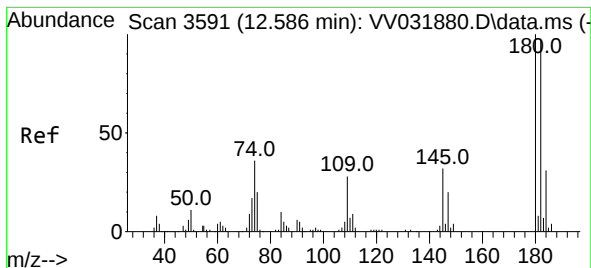
Ion Ratio Lower Upper

75 100

155 69.6 56.1 84.1

157 90.2 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 4.832 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

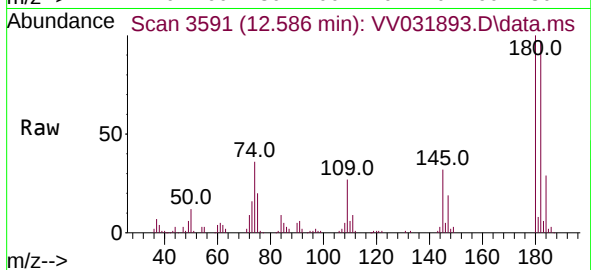
Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 46204

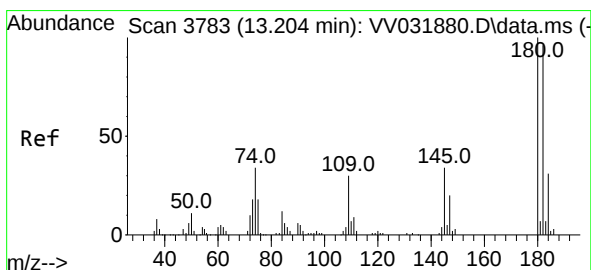
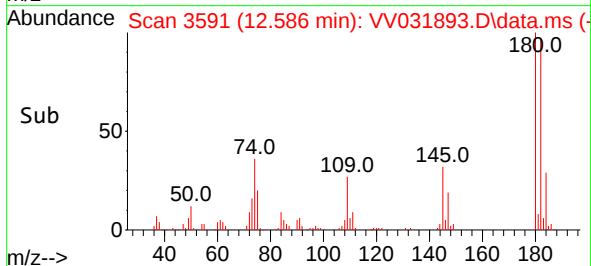
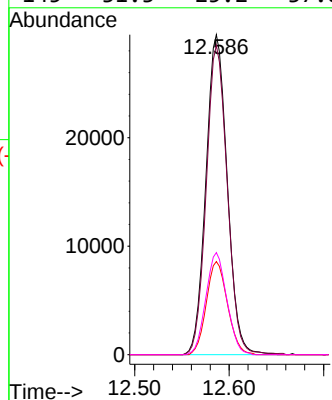
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

184 28.9 23.9 35.9

145 31.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.658 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

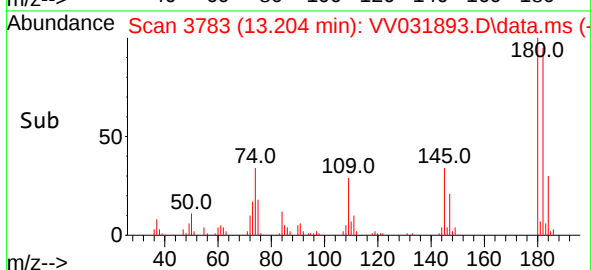
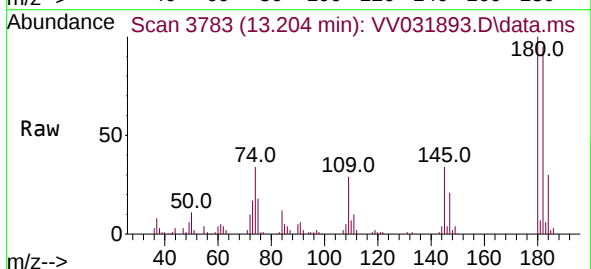
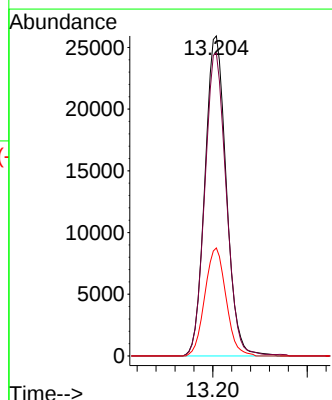
Tgt Ion:180 Resp: 40594

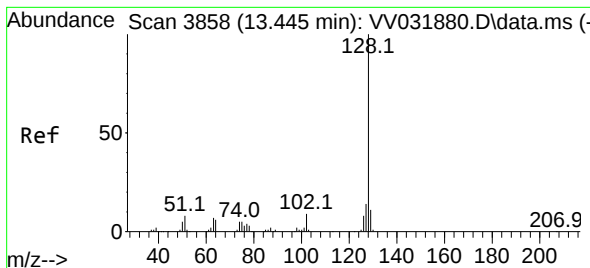
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 33.5 26.6 39.8





#71

Naphthalene

Concen: 4.256 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Instrument :

MSVOA_V

ClientSampleId :

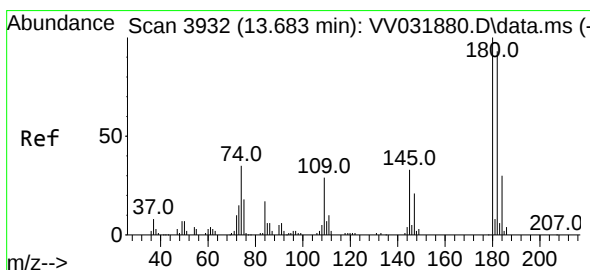
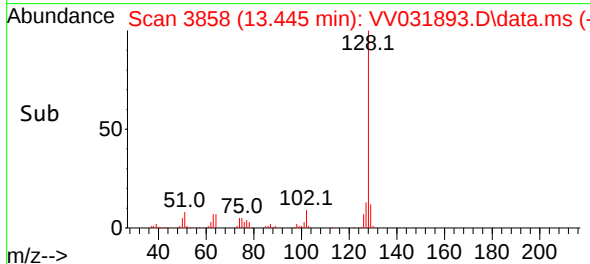
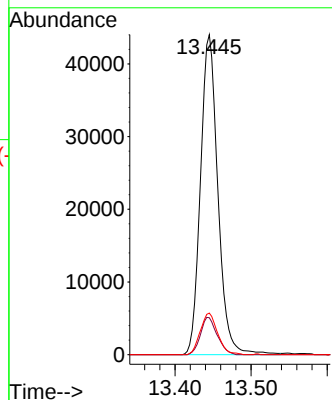
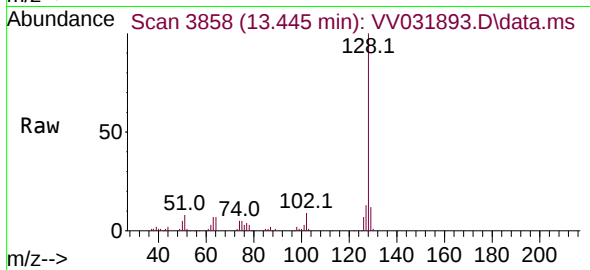
Tgt Ion:128 Resp: 69877

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 12.9 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.564 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

Lab File: VV031893.D

Acq: 24 Aug 2023 02:45

Tgt Ion:180 Resp: 33498

Ion Ratio Lower Upper

180 100

182 98.5 75.9 113.9

145 33.5 27.3 40.9

