

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031905.D
 Acq On : 24 Aug 2023 13:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:52:34 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	117254	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19047	4.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.536	69	22986	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.063	65	10908	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.812	46	110019	57.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.780%
24) Chloroform-d	4.253	84	68541	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	4.947	65	33773	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.963	84	128736	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.992	67	44539	5.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.246	98	117017	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.561	79	14768	4.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.031	63	87251	51.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30599	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	45971	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	34424	5.140	ug/L	99
3) Chloromethane	1.217	50	36030	5.022	ug/L	100
5) Vinyl chloride	1.285	62	37424	5.089	ug/L	96
6) Bromomethane	1.491	94	21390	4.654	ug/L	95
8) Chloroethane	1.552	64	23770	5.061	ug/L	98
9) Trichlorofluoromethane	1.716	101	47364	4.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29619	5.236	ug/L	94
12) 1,1-Dichloroethene	2.073	96	27663	5.241	ug/L	92
13) Acetone	2.147	43	54602	48.338	ug/L	73
14) Carbon disulfide	2.243	76	77539	5.222	ug/L	99
15) Methyl Acetate	2.391	43	12325	5.354	ug/L	97
16) Methylene chloride	2.449	84	40948	4.770	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	80394	4.909	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	29489	4.928	ug/L	97
19) 1,1-Dichloroethane	3.114	63	64344	5.221	ug/L	99
21) 2-Butanone	3.899	43	85540	53.464	ug/L	81
22) cis-1,2-Dichloroethene	3.822	96	35101	5.093	ug/L	95
23) Bromochloromethane	4.153	128	13404	4.901	ug/L	89
25) Chloroform	4.281	83	62489	4.975	ug/L	97

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Instrument :
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 ClientSampleId :

Quant Time: Aug 25 00:52:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
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 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

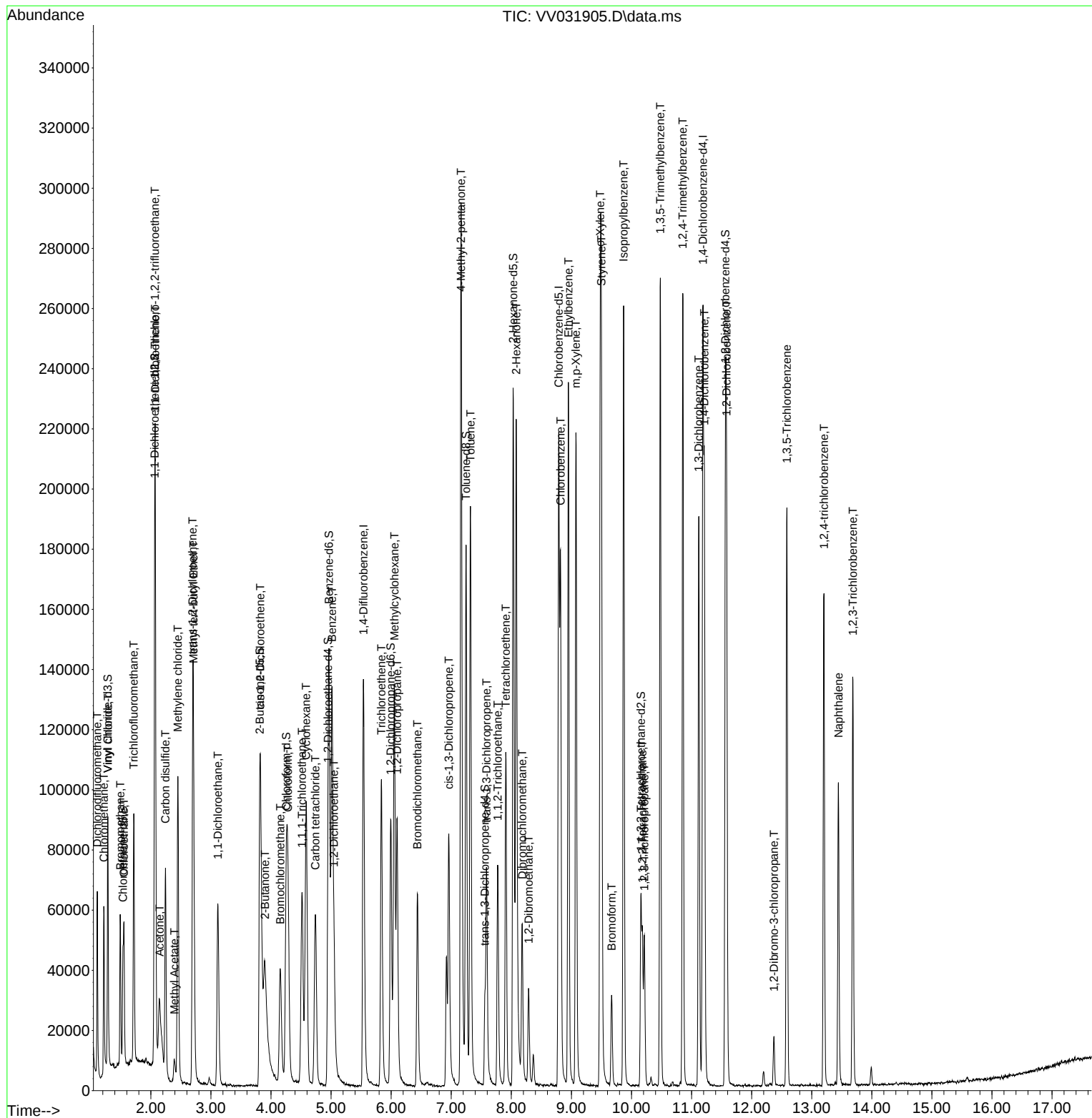
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	37880	5.043	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	53642	5.082	ug/L	98
30) Cyclohexane	4.584	56	56634	5.221	ug/L	96
31) Carbon tetrachloride	4.738	117	44069	5.163	ug/L	98
33) Benzene	5.015	78	134894	5.359	ug/L	100
34) Trichloroethene	5.838	95	37631	5.115	ug/L	96
35) Methylcyclohexane	6.053	83	57982	5.415	ug/L	99
37) 1,2-Dichloropropane	6.098	63	34575	4.986	ug/L	99
38) Bromodichloromethane	6.436	83	44776	4.989	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	54626	5.178	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	216316	49.770	ug/L	96
42) Toluene	7.320	91	143960	5.148	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	44616	5.066	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	23565	4.748	ug/L	95
47) Tetrachloroethene	7.908	164	24763	5.269	ug/L	98
48) 2-Hexanone	8.082	43	153492	47.268	ug/L	99
49) Dibromochloromethane	8.182	129	26453	5.114	ug/L	100
50) 1,2-Dibromoethane	8.288	107	22171	4.939	ug/L	99
51) Chlorobenzene	8.818	112	90138	5.091	ug/L	99
52) Ethylbenzene	8.950	91	165321	5.143	ug/L	99
53) m,p-Xylene	9.075	106	59749	4.935	ug/L	92
54) o-Xylene	9.481	106	59931	5.122	ug/L	98
55) Styrene	9.500	104	103076	5.106	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	24168	4.809	ug/L	96
59) Bromoform	9.670	173	13297	4.829	ug/L	98
60) Isopropylbenzene	9.870	105	166490	5.139	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	20319	4.733	ug/L	95
62) 1,3,5-Trimethylbenzene	10.481	105	139708	5.031	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	138750	5.085	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	71504	4.984	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	72977	4.951	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	64833	4.937	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4577	4.707	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	53524	5.018	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	45132	4.642	ug/L	99
71) Naphthalene	13.445	128	73931	4.037	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	38215	4.668	ug/L	98

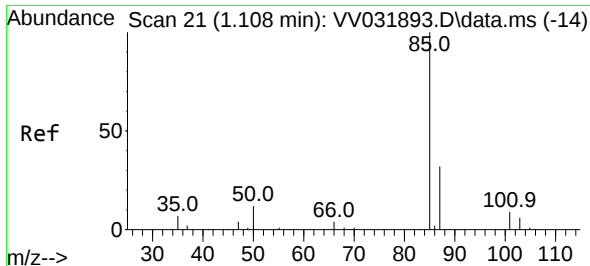
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 ClientSampleId :

Quant Time: Aug 25 00:52:34 2023
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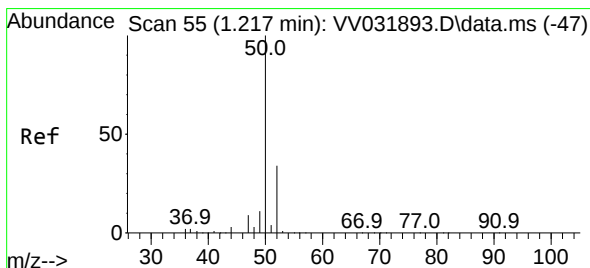
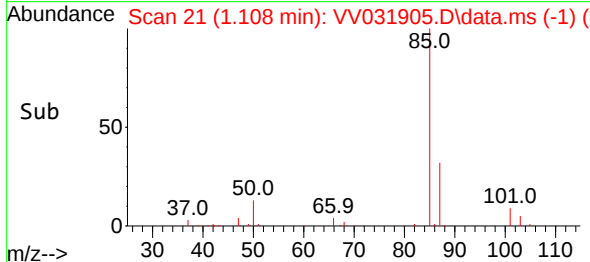
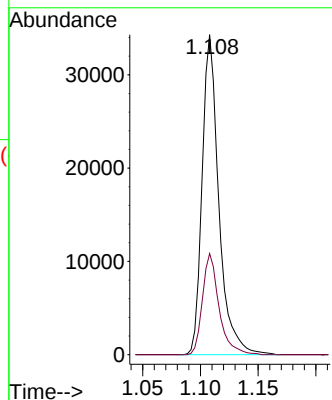
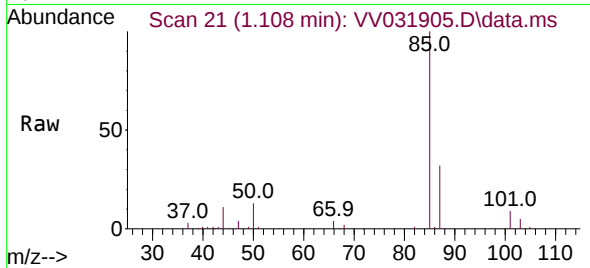




#2
 Dichlorodifluoromethane
 Concen: 5.140 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031905.D
 Acq: 24 Aug 2023 13:11

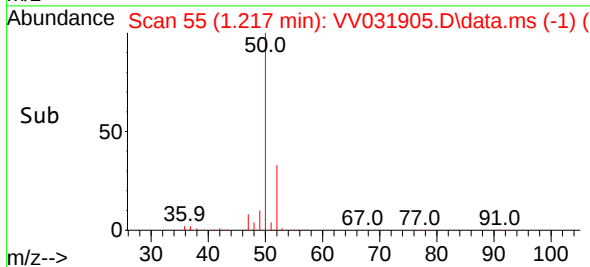
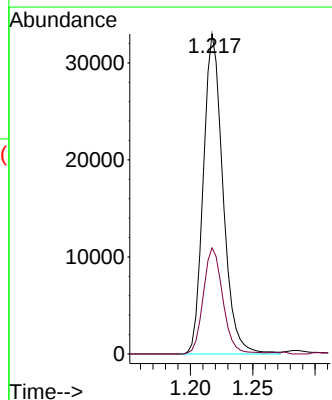
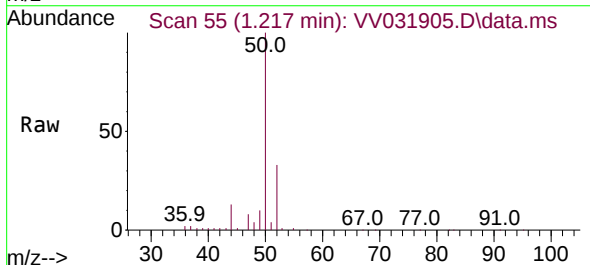
Instrument :
 MSVOA_V
 ClientSampleId :

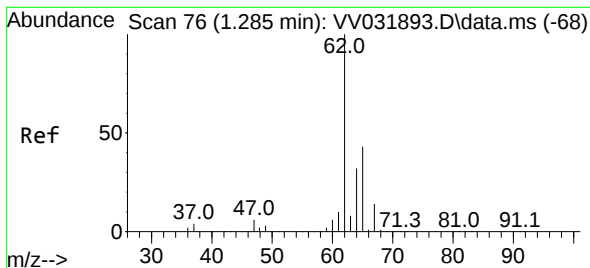
Tgt Ion: 85 Resp: 34424
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.7 38.5



#3
 Chloromethane
 Concen: 5.022 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031905.D
 Acq: 24 Aug 2023 13:11

Tgt Ion: 50 Resp: 36030
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3





#5

Vinyl chloride

Concen: 5.089 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

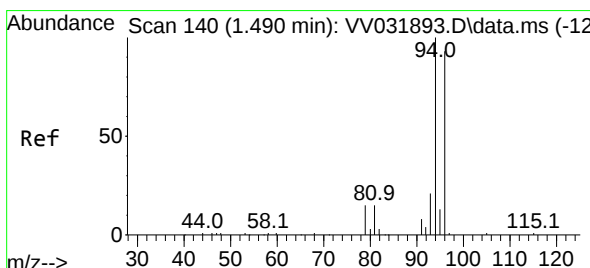
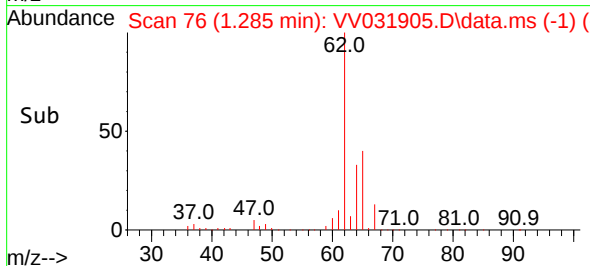
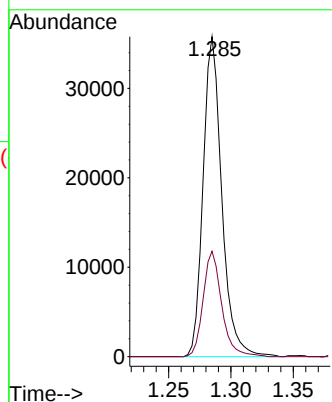
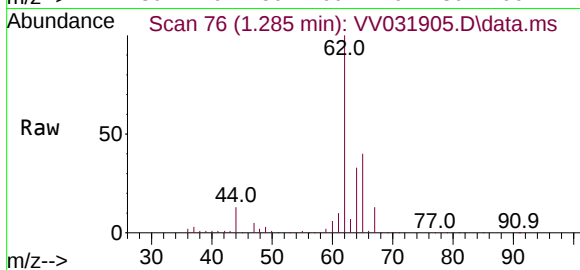
ClientSampleId :

Tgt Ion: 62 Resp: 37424

Ion Ratio Lower Upper

62 100

64 33.0 21.7 40.3



#6

Bromomethane

Concen: 4.654 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV031905.D

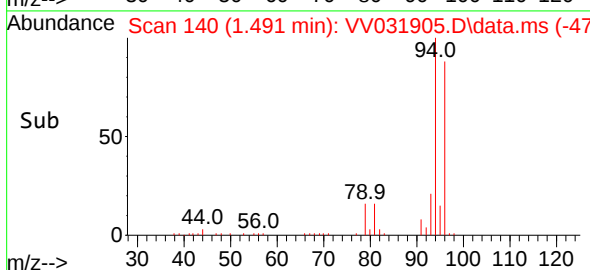
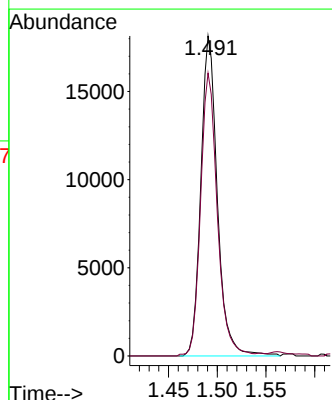
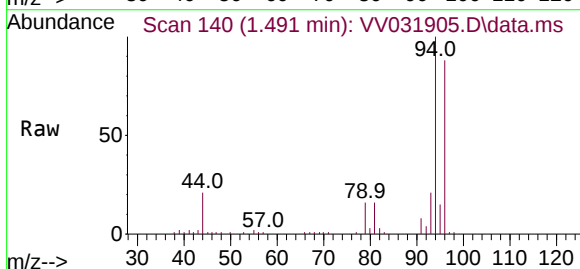
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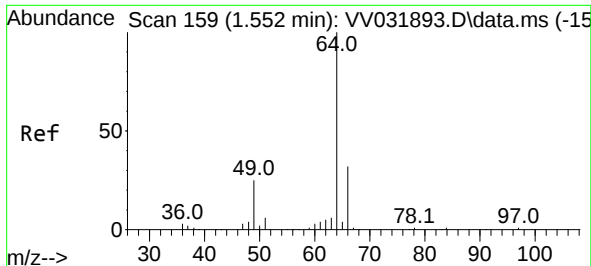
Tgt Ion: 94 Resp: 21390

Ion Ratio Lower Upper

94 100

96 88.4 65.0 120.8

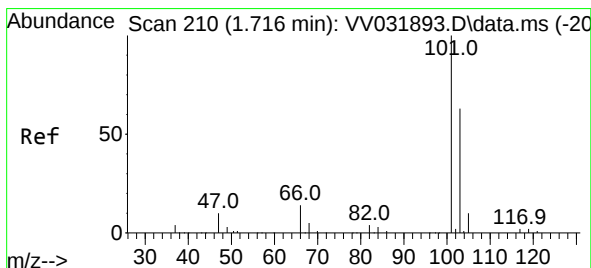
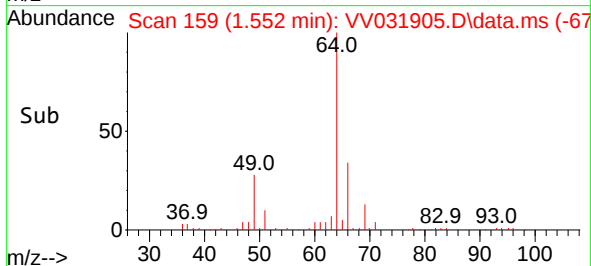
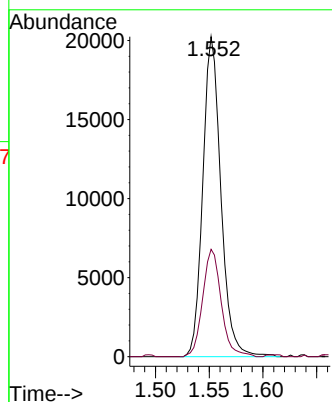
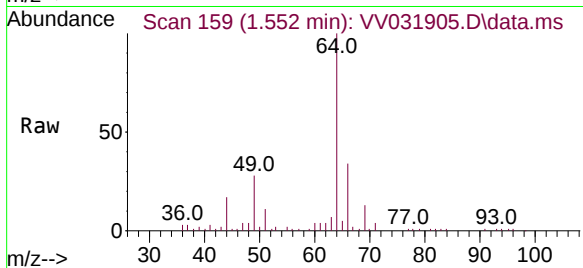




#8
Chloroethane
Concen: 5.061 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

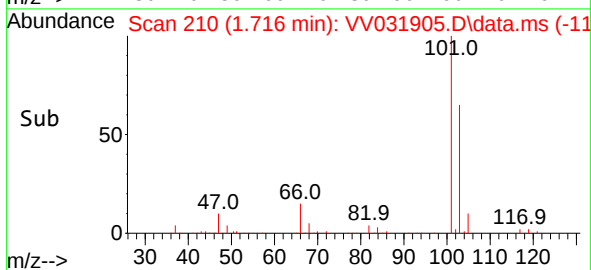
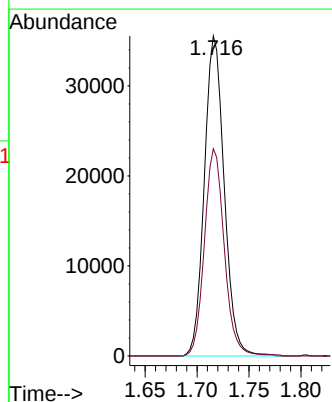
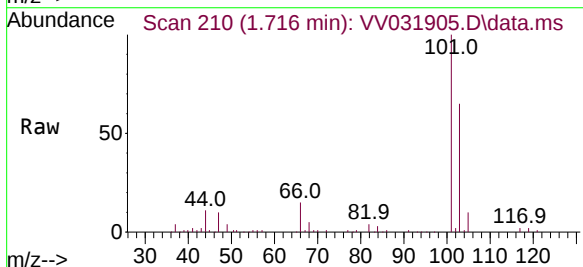
Instrument :
MSVOA_V
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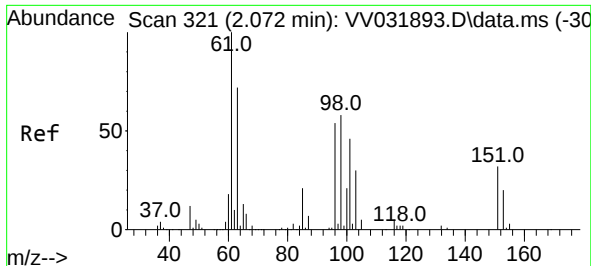
Tgt Ion: 64 Resp: 23770
Ion Ratio Lower Upper
64 100
66 33.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.993 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Tgt Ion:101 Resp: 47364
Ion Ratio Lower Upper
101 100
103 64.7 50.5 75.7





#10

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

Concen: 5.236 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031905.D

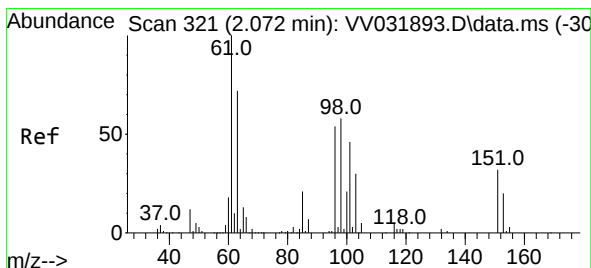
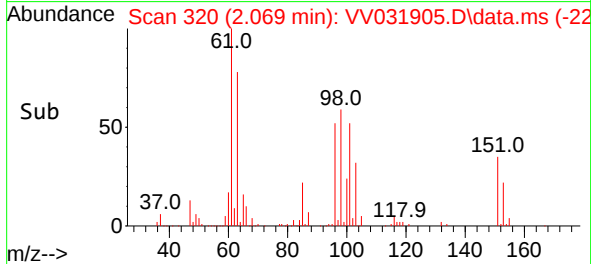
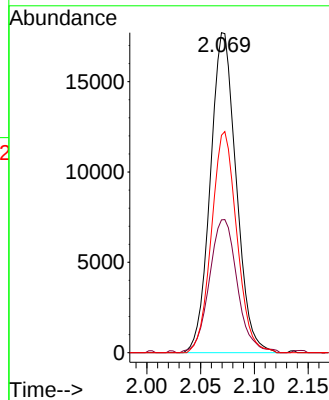
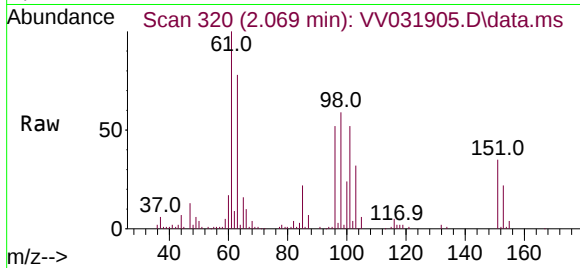
Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	29619
Ion Ratio	Lower	Upper	
101	100		
85	44.9	38.3	57.5
151	67.8	58.5	87.7



#12

1,1-Dichloroethene

Concen: 5.241 ug/L

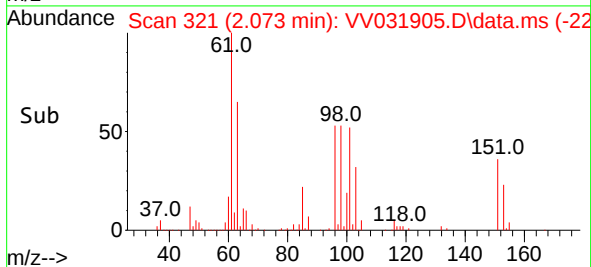
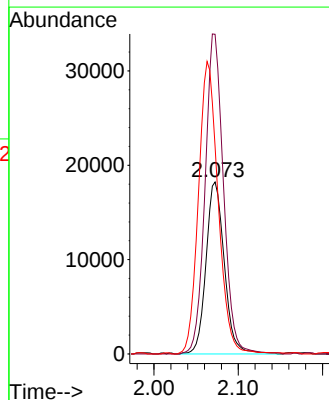
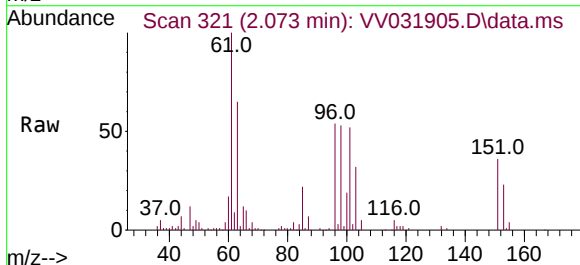
RT: 2.073 min Scan# 321

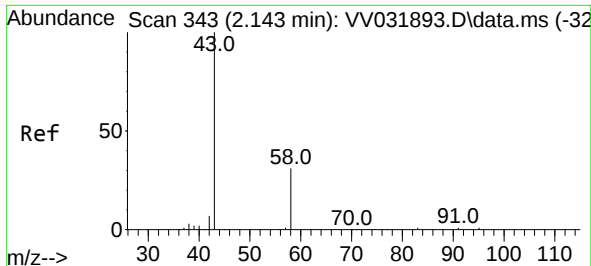
Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Tgt Ion:	96	Resp:	27663
Ion Ratio	Lower	Upper	
96	100		
61	185.8	129.0	239.6
63	120.7	99.0	183.8





#13

Acetone

Concen: 48.338 ug/L

RT: 2.147 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

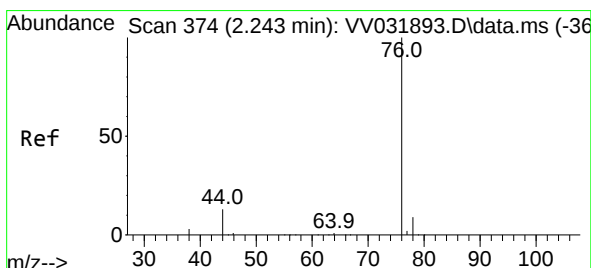
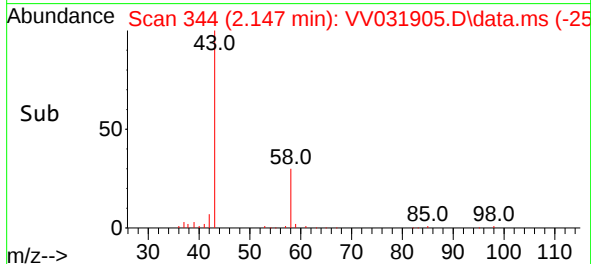
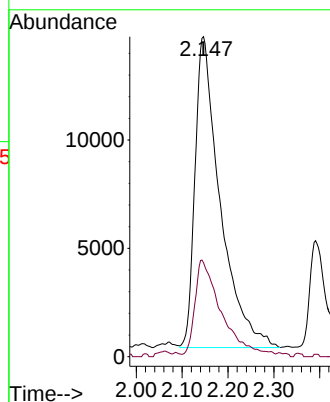
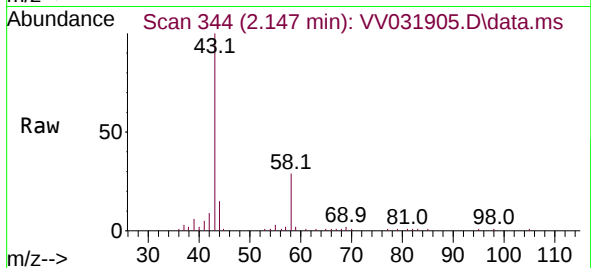
ClientSampleId :

Tgt Ion: 43 Resp: 54602

Ion Ratio Lower Upper

43 100

58 30.6 0.0 37.0



#14

Carbon disulfide

Concen: 5.222 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031905.D

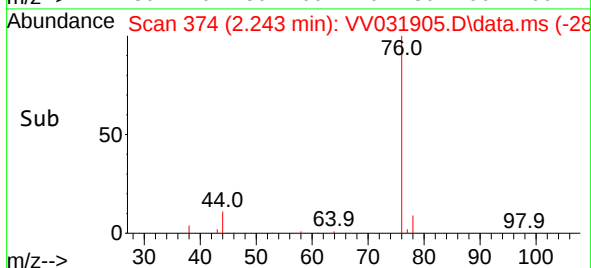
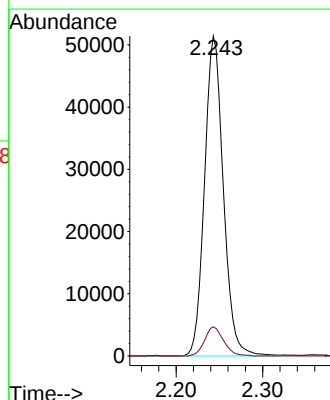
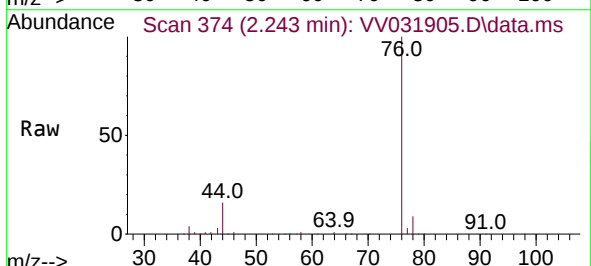
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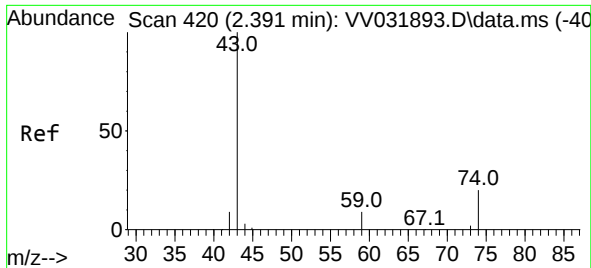
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Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

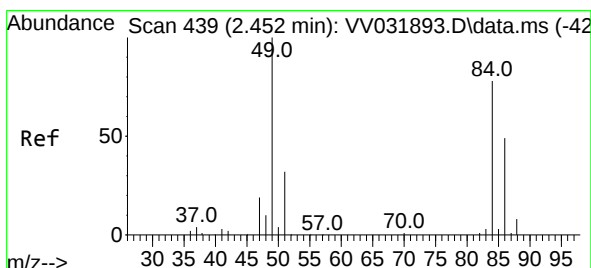
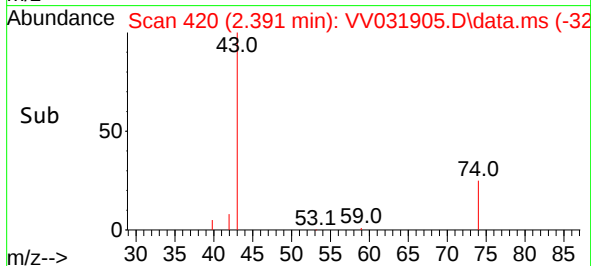
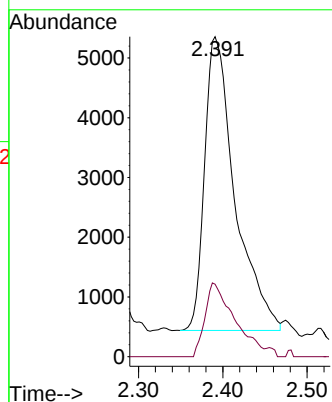
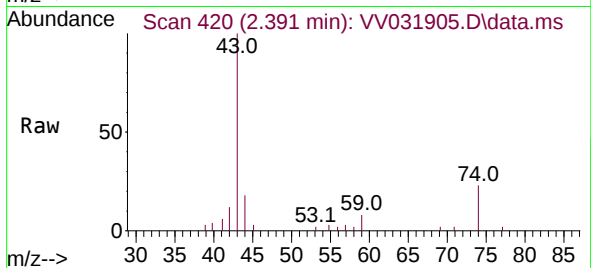




#15
Methyl Acetate
Concen: 5.354 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

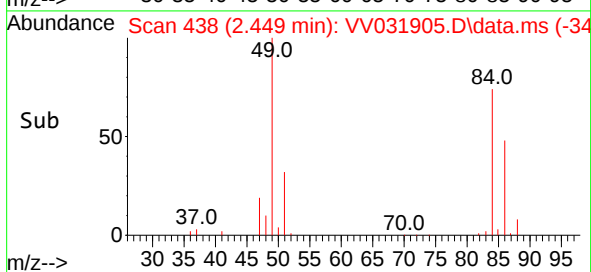
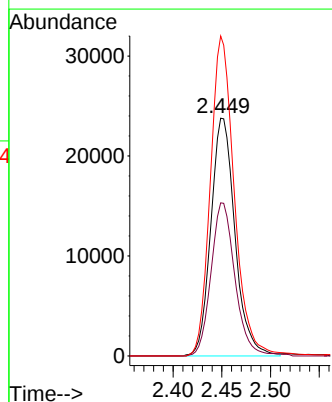
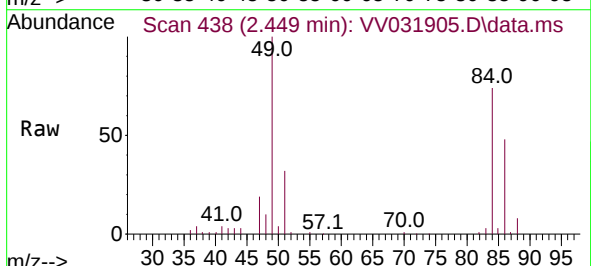
Instrument :
MSVOA_V
ClientSampleId :

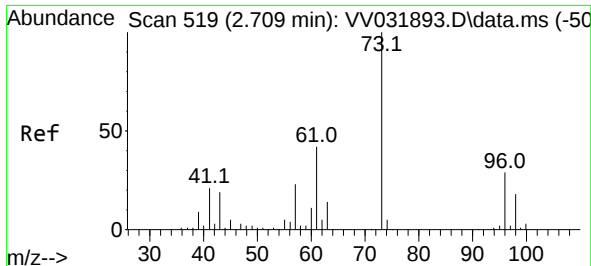
Tgt Ion: 43 Resp: 12325
Ion Ratio Lower Upper
43 100
74 24.4 18.3 27.5



#16
Methylene chloride
Concen: 4.770 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Tgt Ion: 84 Resp: 40948
Ion Ratio Lower Upper
84 100
86 64.4 42.6 79.2
49 134.6 88.5 164.4





#17

Methyl tert-butyl Ether

Concen: 4.909 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

ClientSampleId :

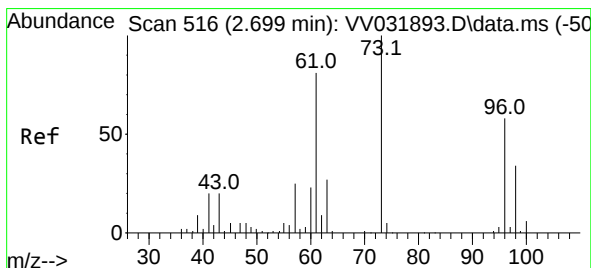
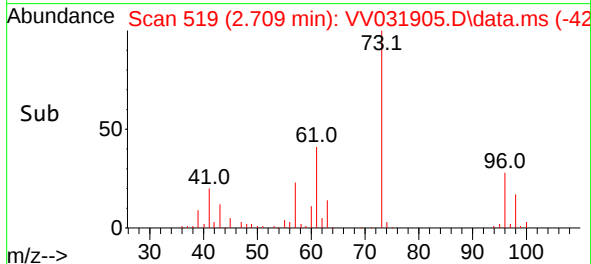
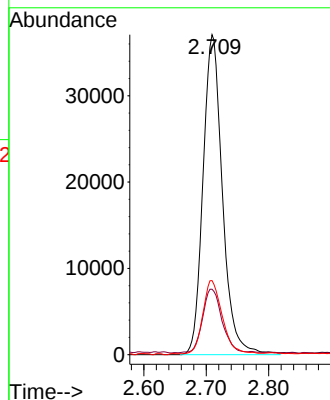
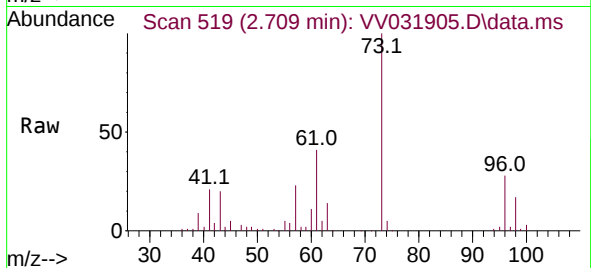
Tgt Ion: 73 Resp: 80394

Ion Ratio Lower Upper

73 100

43 20.0 15.6 23.4

57 22.6 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 4.928 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

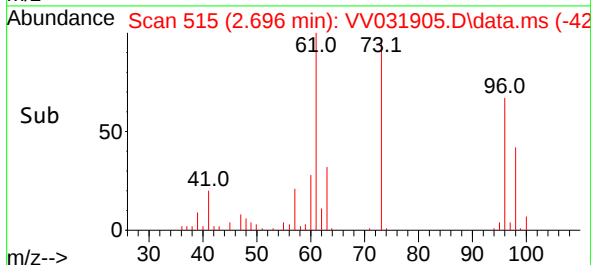
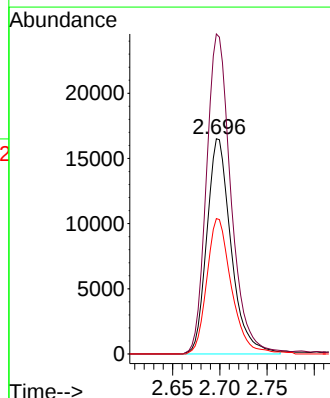
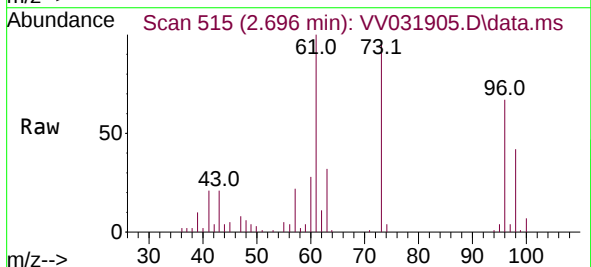
Tgt Ion: 96 Resp: 29489

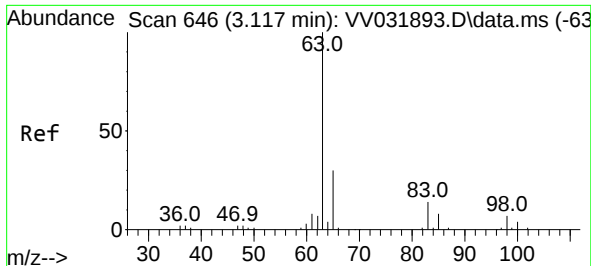
Ion Ratio Lower Upper

96 100

61 148.7 106.8 198.4

98 62.9 44.9 83.3





#19

1,1-Dichloroethane

Concen: 5.221 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031905.D

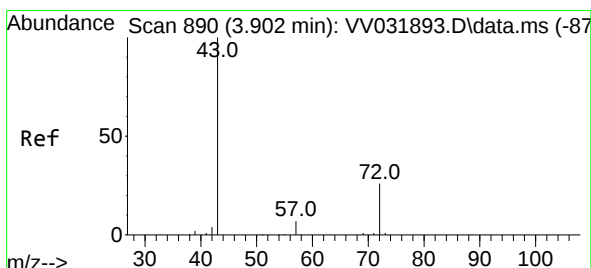
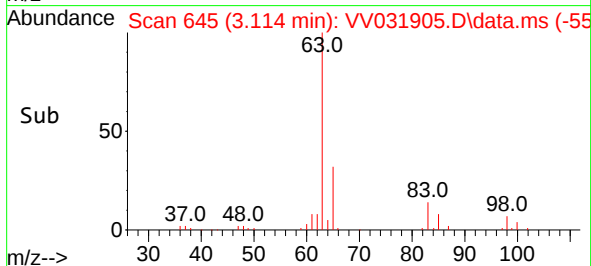
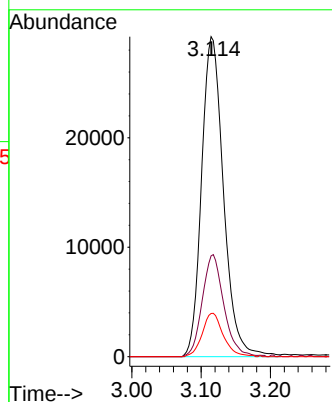
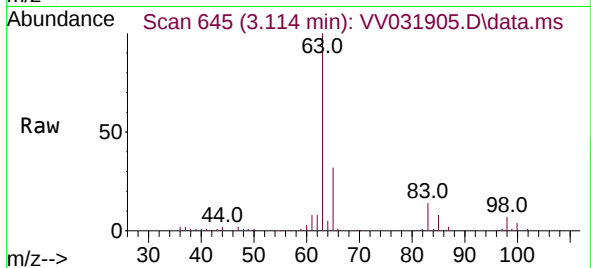
Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 64344
Ion Ratio	Lower Upper
63 100	
65 31.5	21.9 40.7
83 13.5	9.2 17.2



#21

2-Butanone

Concen: 53.464 ug/L

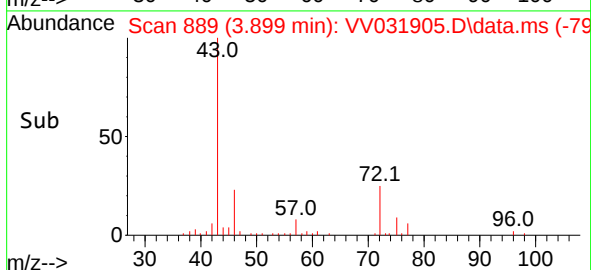
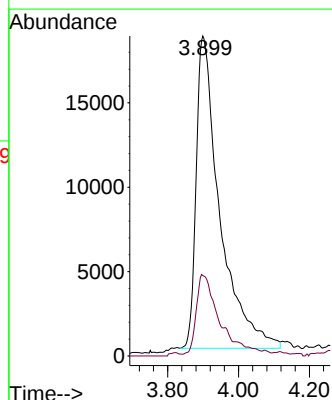
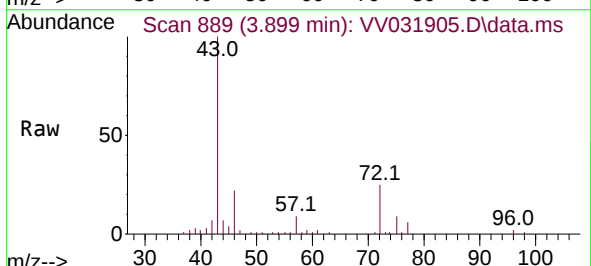
RT: 3.899 min Scan# 889

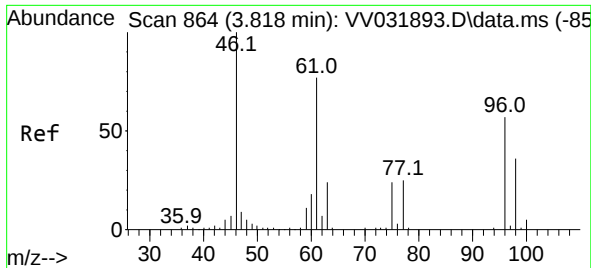
Delta R.T. -0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

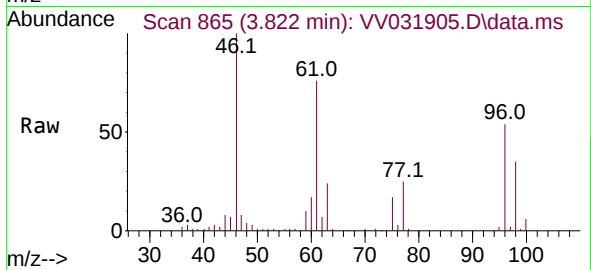
Tgt Ion: 43	Resp: 85540
Ion Ratio	Lower Upper
43 100	
72 26.3	9.0 27.0



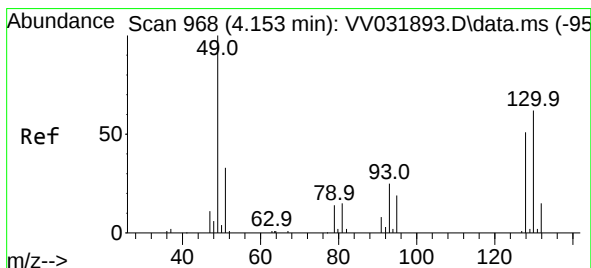
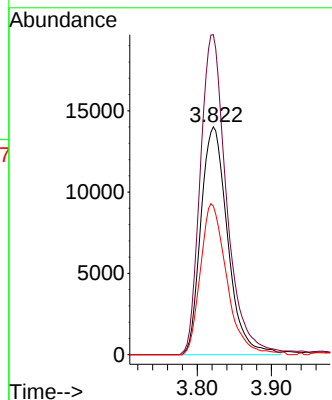
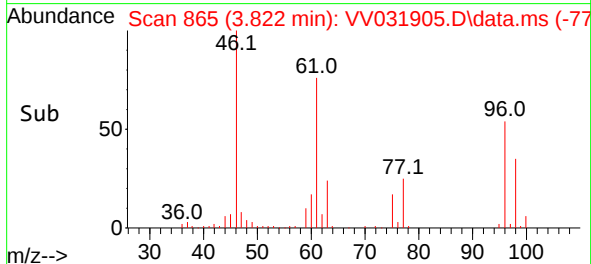


#22
 cis-1,2-Dichloroethene
 Concen: 5.093 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV031905.D
 Acq: 24 Aug 2023 13:11

Instrument :
 MSVOA_V
 ClientSampleId :

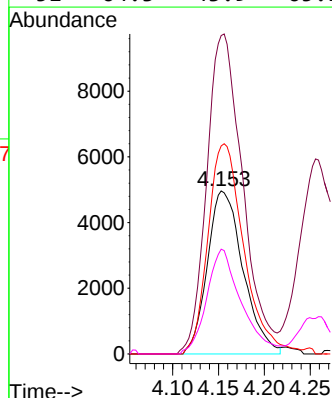
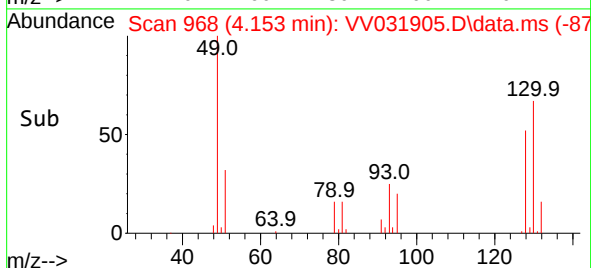
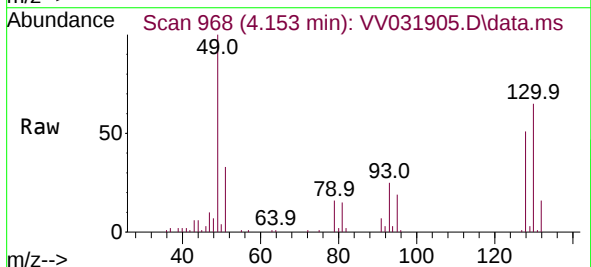


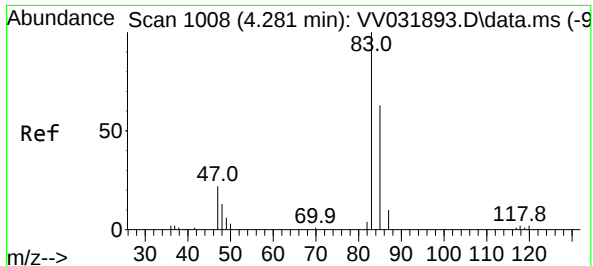
Tgt Ion: 96 Resp: 35101
 Ion Ratio Lower Upper
 96 100
 61 140.5 94.1 174.8
 98 65.2 43.8 81.4



#23
 Bromochloromethane
 Concen: 4.901 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV031905.D
 Acq: 24 Aug 2023 13:11

Tgt Ion: 128 Resp: 13404
 Ion Ratio Lower Upper
 128 100
 49 195.3 123.7 229.7
 130 127.6 84.3 156.5
 51 64.3 43.9 65.9





#25

Chloroform

Concen: 4.975 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

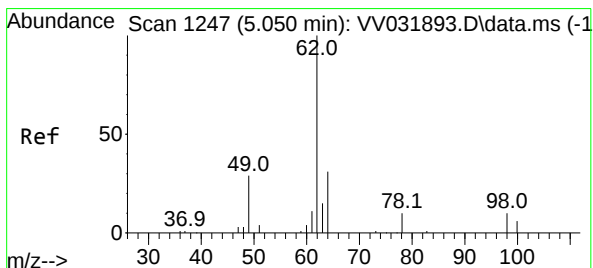
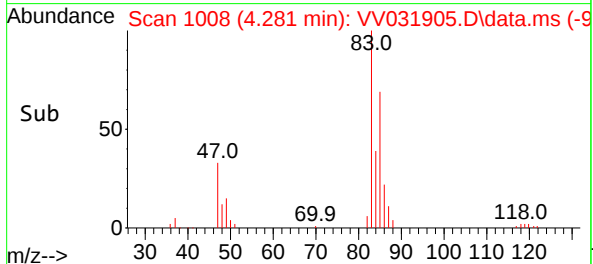
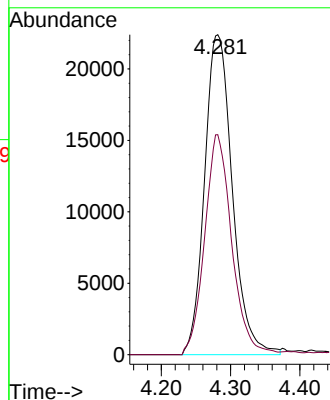
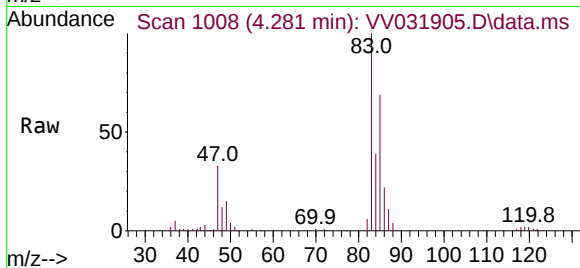
ClientSampleId :

Tgt Ion: 83 Resp: 62489

Ion Ratio Lower Upper

83 100

85 68.8 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.043 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV031905.D

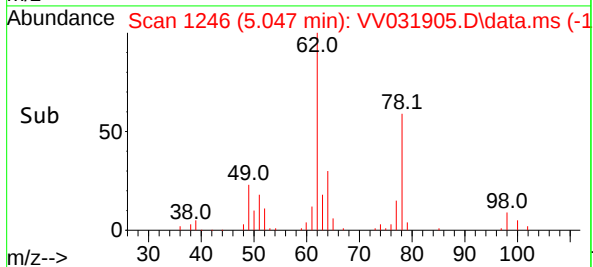
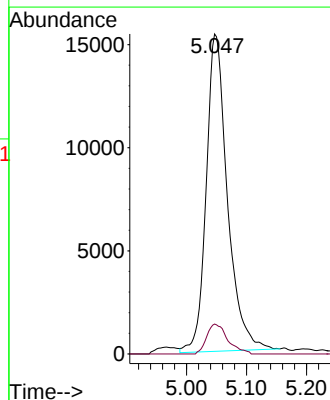
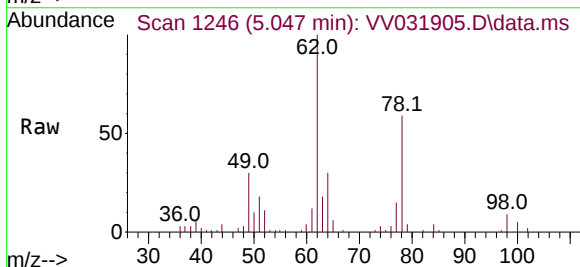
Acq: 24 Aug 2023 13:11

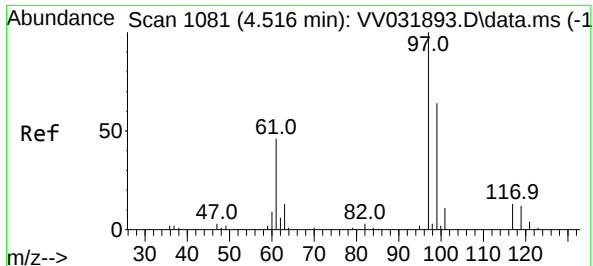
Tgt Ion: 62 Resp: 37880

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 5.082 ug/L

RT: 4.516 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

ClientSampleId :

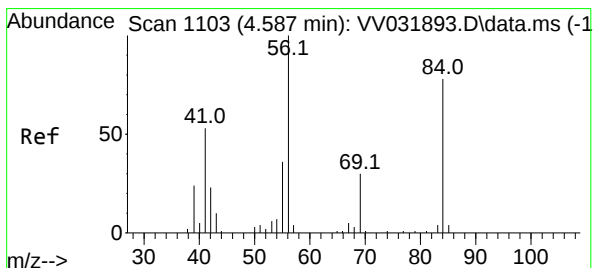
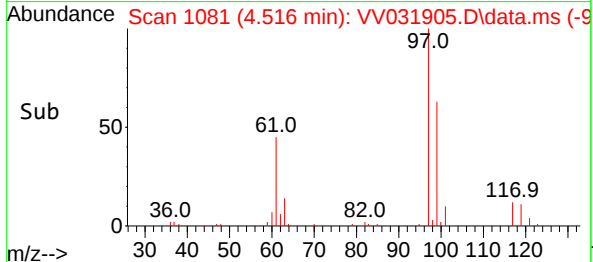
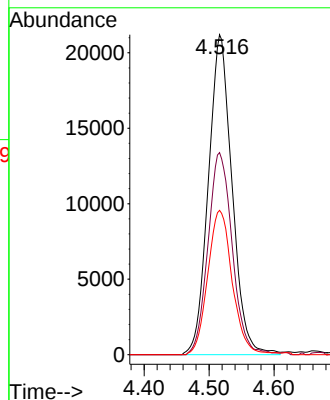
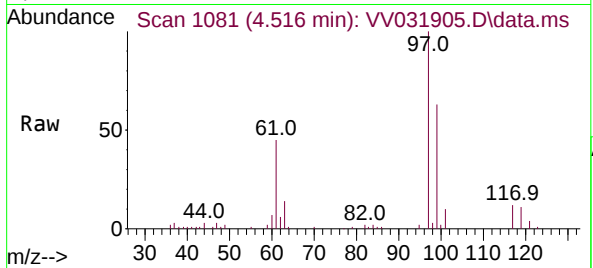
Tgt Ion: 97 Resp: 53642

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 46.6 35.5 53.3



#30

Cyclohexane

Concen: 5.221 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

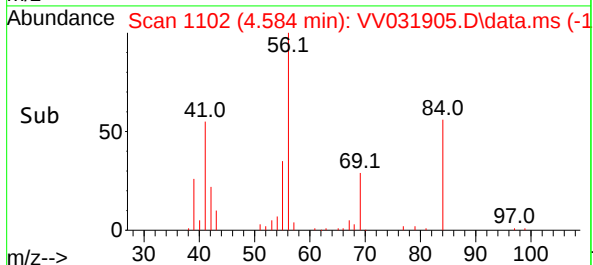
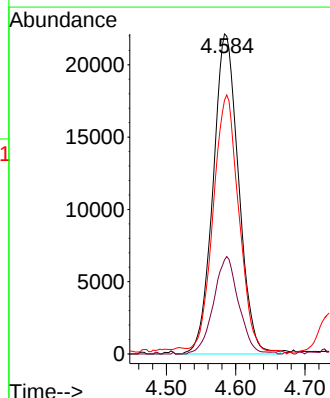
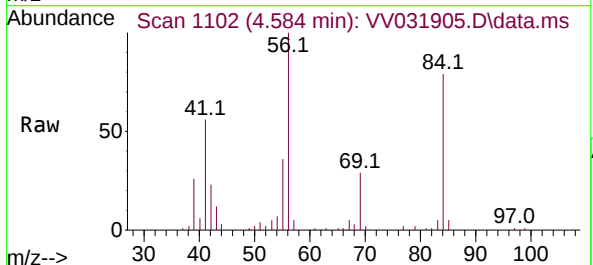
Tgt Ion: 56 Resp: 56634

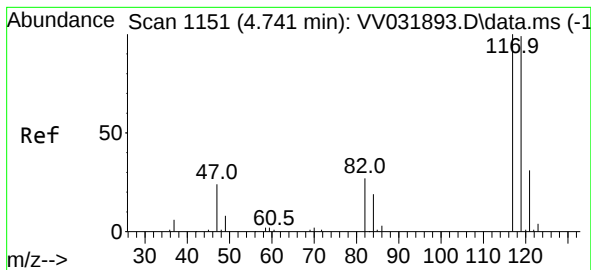
Ion Ratio Lower Upper

56 100

69 29.8 25.4 38.0

84 79.4 66.8 100.2





#31

Carbon tetrachloride

Concen: 5.163 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

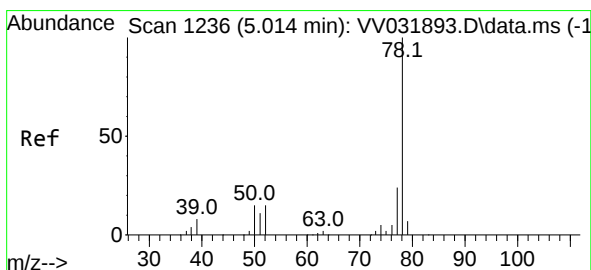
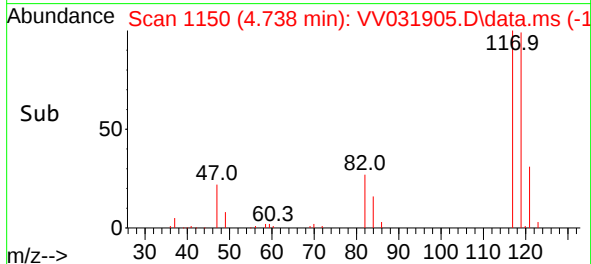
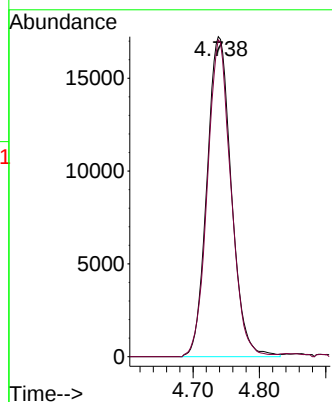
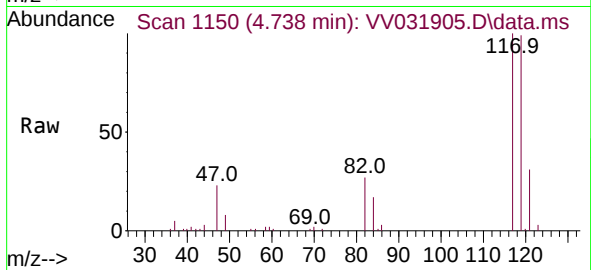
ClientSampleId :

Tgt Ion:117 Resp: 44069

Ion Ratio Lower Upper

117 100

119 95.9 78.4 117.6



#33

Benzene

Concen: 5.359 ug/L

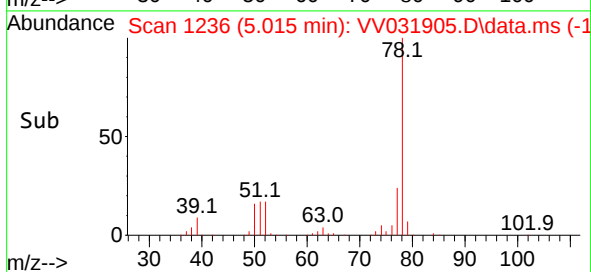
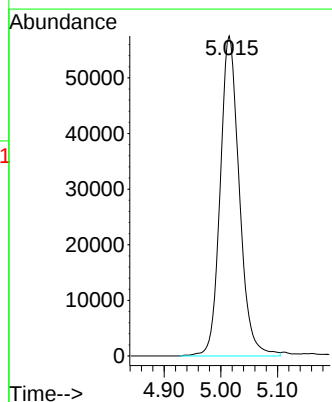
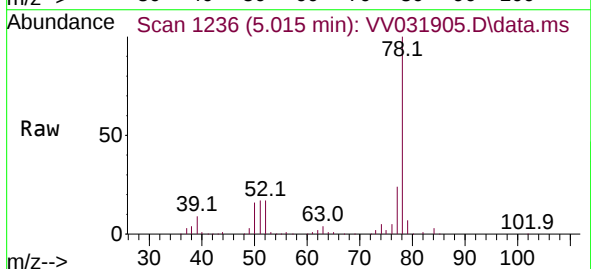
RT: 5.015 min Scan# 1236

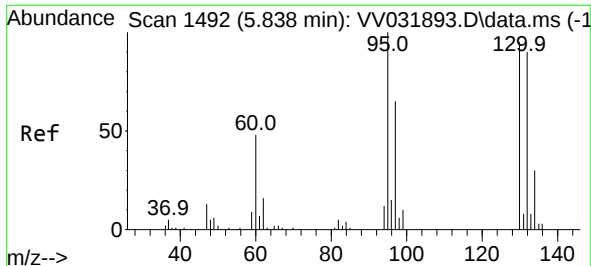
Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

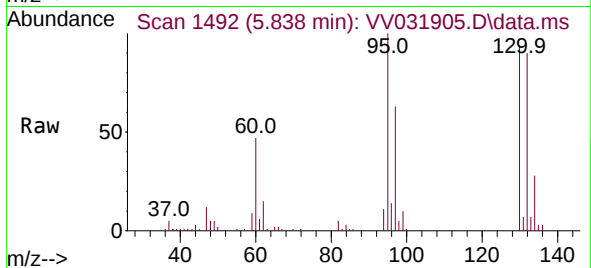
Tgt Ion: 78 Resp: 134894



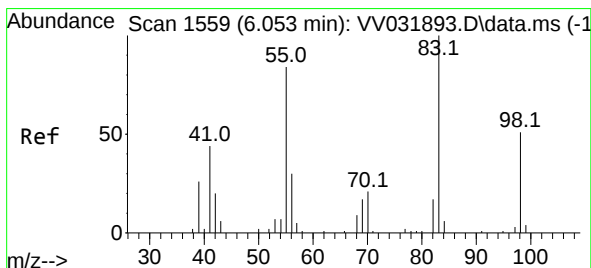
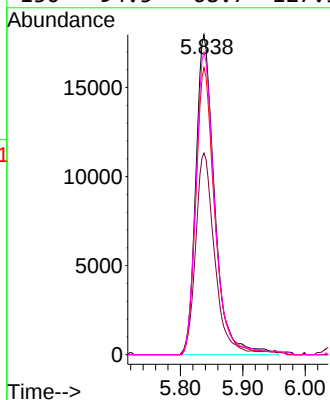
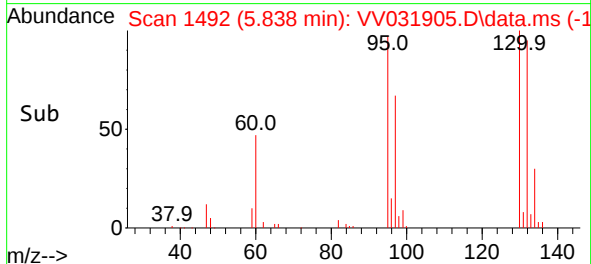


#34
Trichloroethene
Concen: 5.115 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

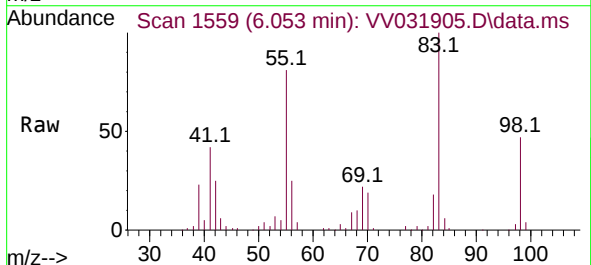
Instrument :
MSVOA_V
ClientSampleId :



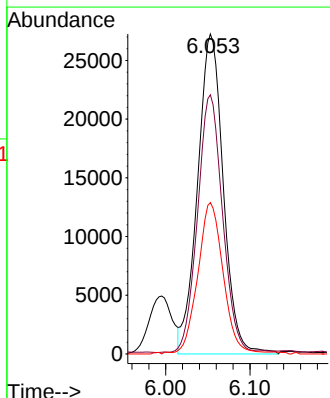
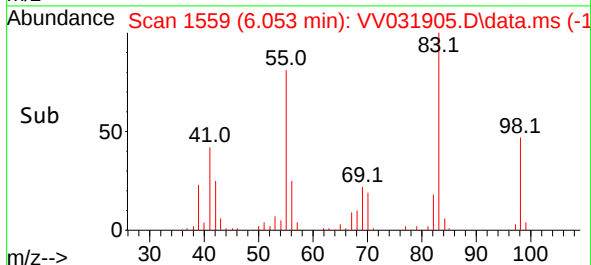
Tgt Ion: 95 Resp: 37631
Ion Ratio Lower Upper
95 100
97 63.0 47.7 88.7
132 89.7 63.8 118.4
130 94.5 68.7 127.5

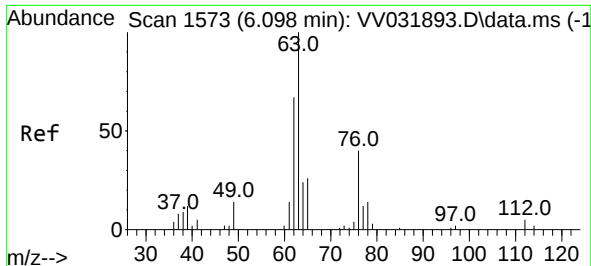


#35
Methylcyclohexane
Concen: 5.415 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11



Tgt Ion: 83 Resp: 57982
Ion Ratio Lower Upper
83 100
55 78.0 62.6 94.0
98 45.1 37.8 56.8





#37

1,2-Dichloropropane

Concen: 4.986 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

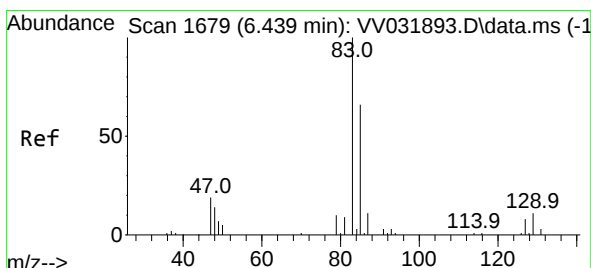
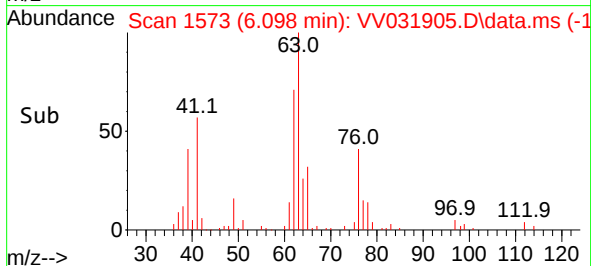
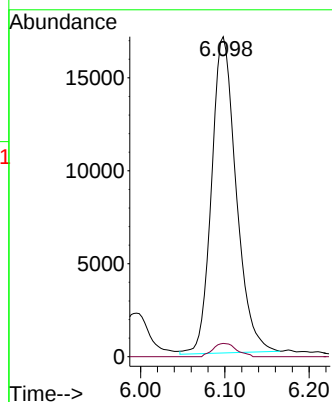
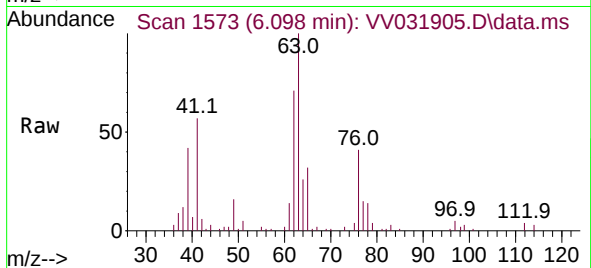
ClientSampleId :

Tgt Ion: 63 Resp: 34575

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 4.989 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

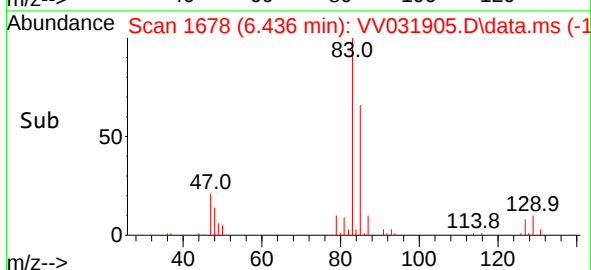
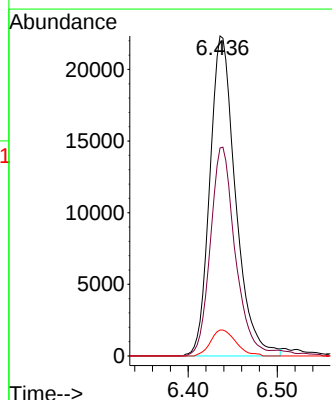
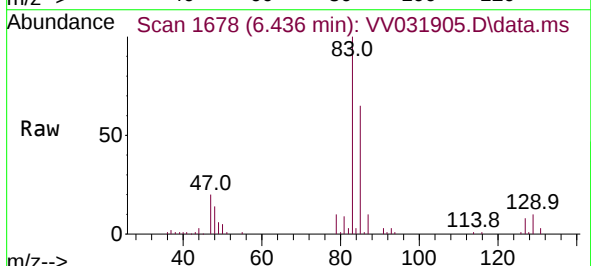
Tgt Ion: 83 Resp: 44776

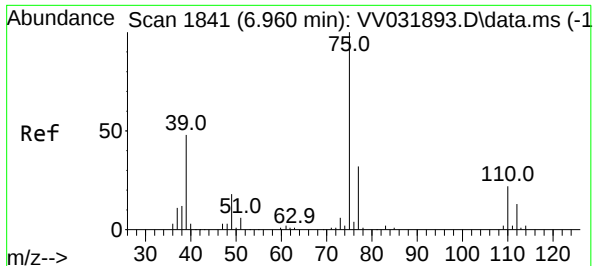
Ion Ratio Lower Upper

83 100

85 65.0 44.4 82.4

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.178 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

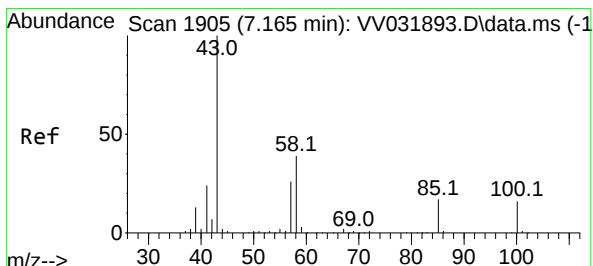
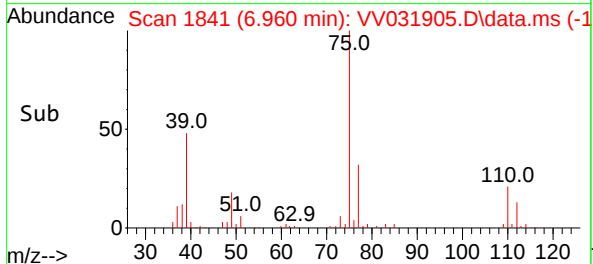
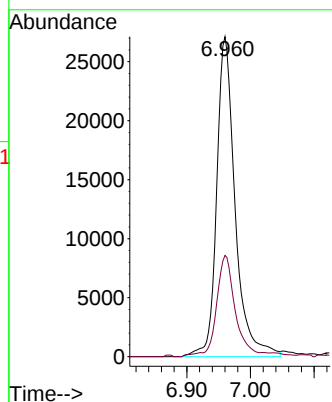
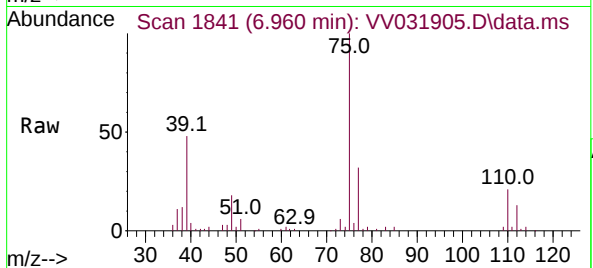
ClientSampleId :

Tgt Ion: 75 Resp: 54626

Ion Ratio Lower Upper

75 100

77 31.6 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 49.770 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

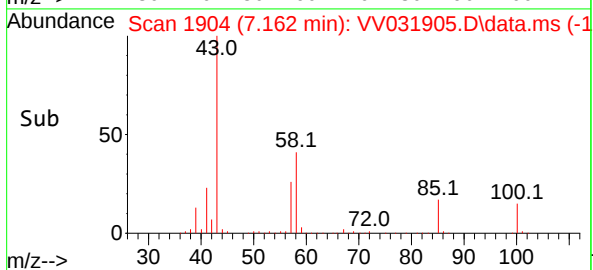
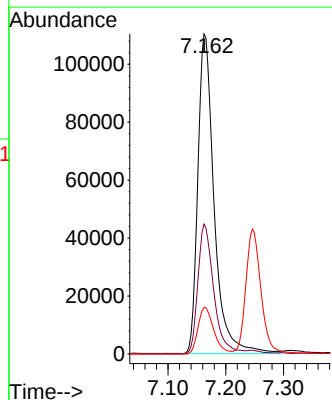
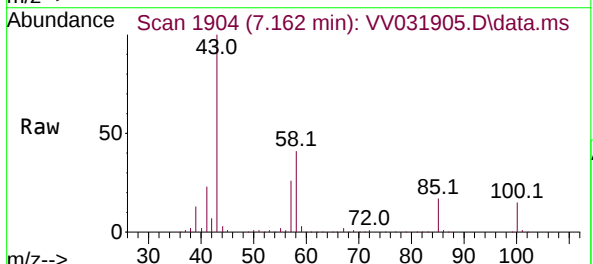
Tgt Ion: 43 Resp: 216316

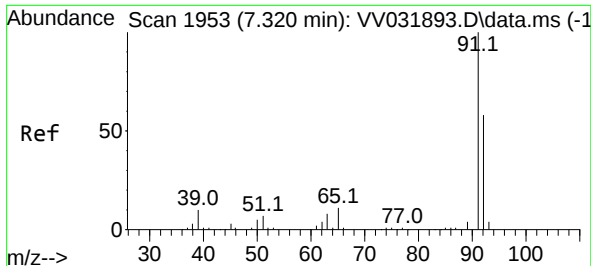
Ion Ratio Lower Upper

43 100

58 39.4 29.0 43.6

100 14.1 10.7 16.1





#42

Toluene

Concen: 5.148 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

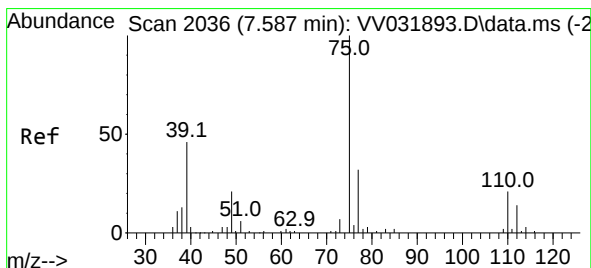
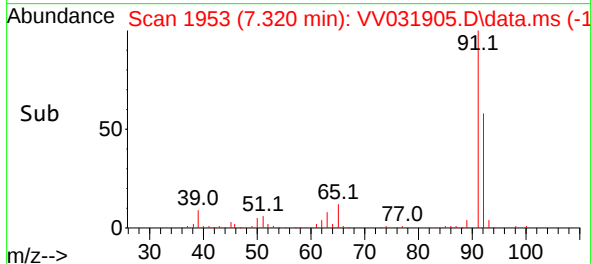
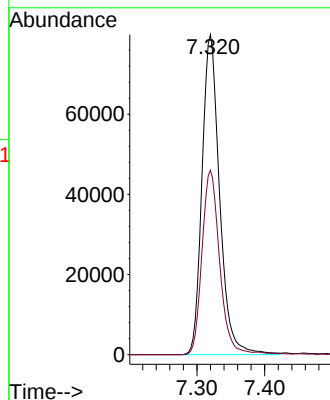
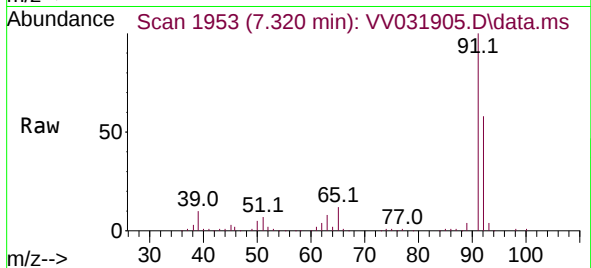
ClientSampleId :

Tgt Ion: 91 Resp: 143960

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.066 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031905.D

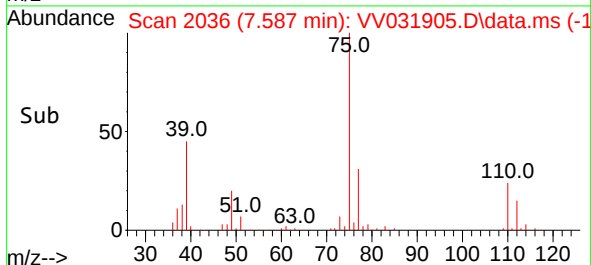
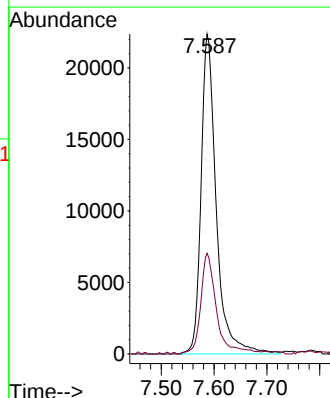
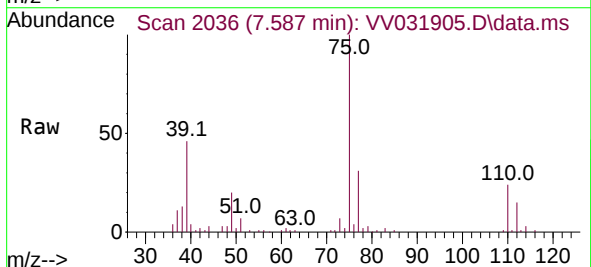
Acq: 24 Aug 2023 13:11

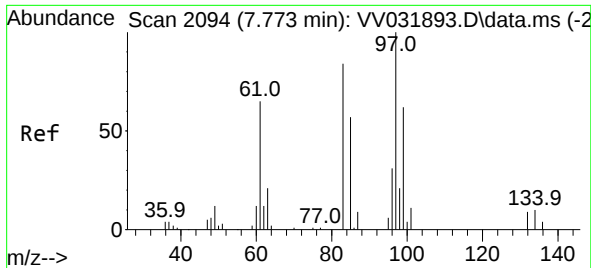
Tgt Ion: 75 Resp: 44616

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 4.748 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 23565

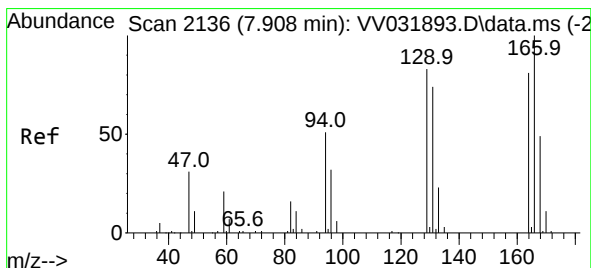
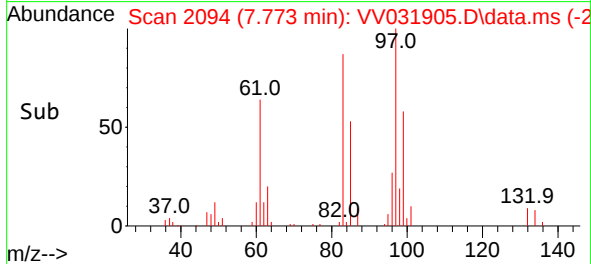
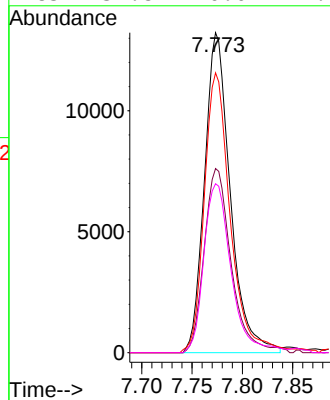
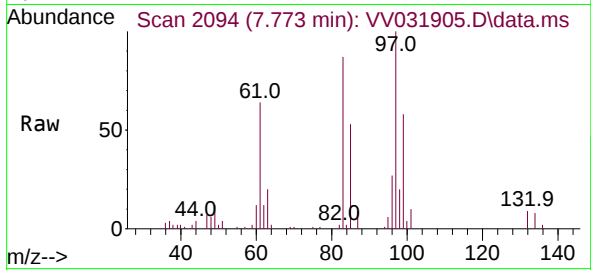
Ion Ratio Lower Upper

97 100

99 57.5 44.3 82.3

83 87.5 62.7 116.5

85 52.8 40.0 74.4



#47

Tetrachloroethene

Concen: 5.269 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Tgt Ion: 164 Resp: 24763

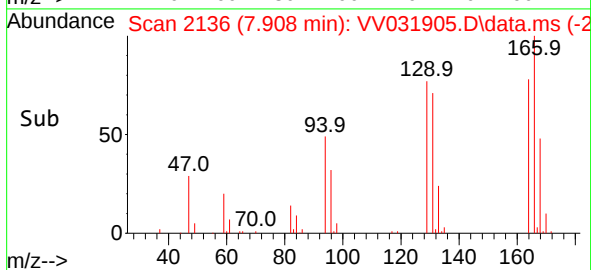
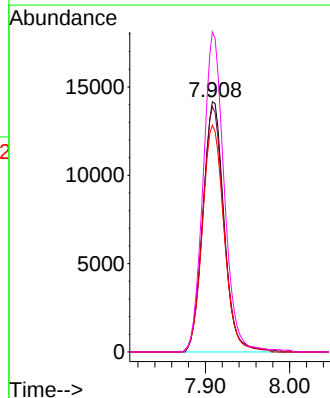
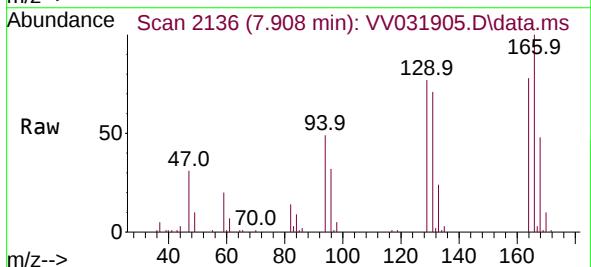
Ion Ratio Lower Upper

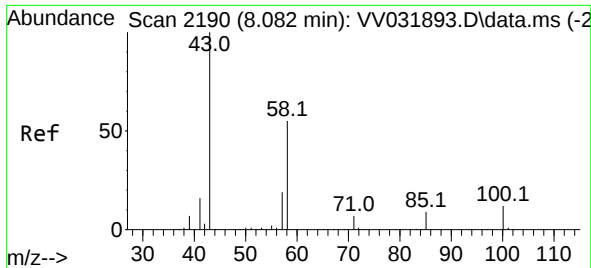
164 100

129 98.1 70.6 131.2

131 90.6 64.6 120.0

166 127.9 88.3 164.1



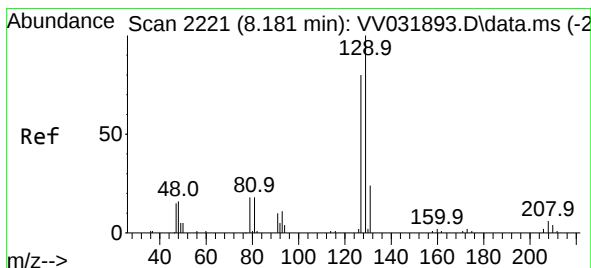
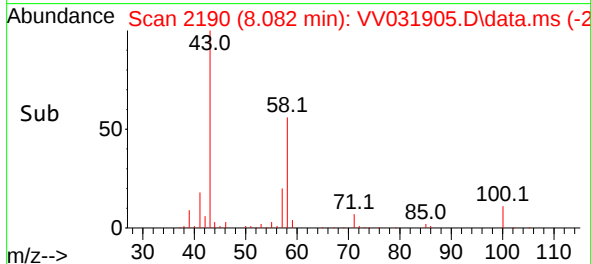
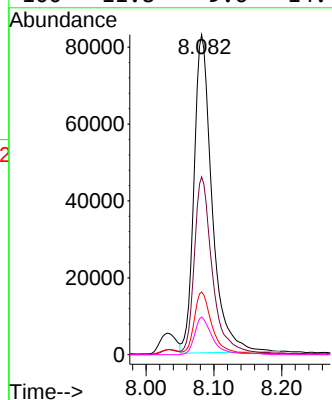
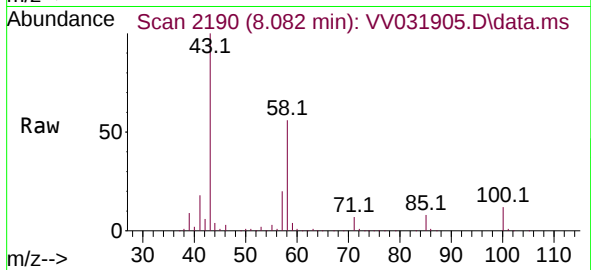


#48
2-Hexanone
Concen: 47.268 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 153492

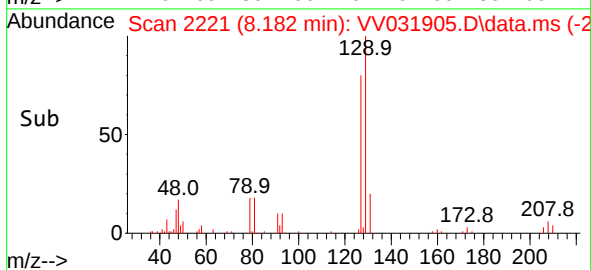
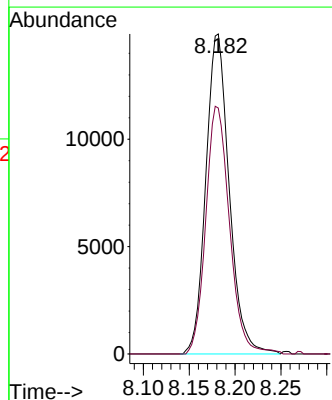
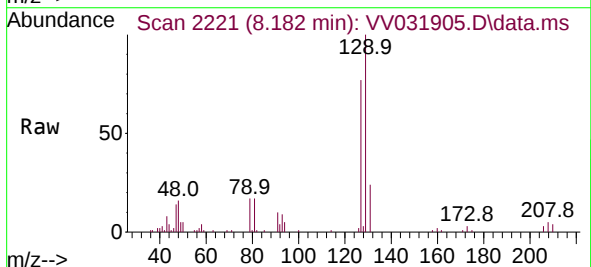
Ion	Ratio	Lower	Upper
43	100		
58	54.5	44.3	66.5
57	18.9	14.3	21.5
100	11.8	9.6	14.4

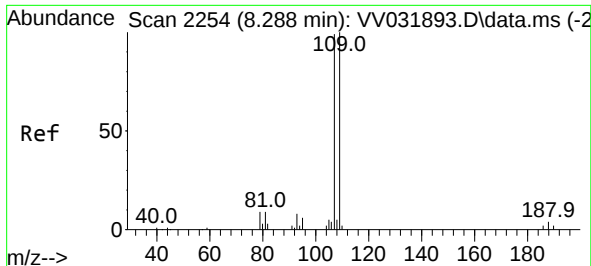


#49
Dibromochloromethane
Concen: 5.114 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Tgt Ion: 129 Resp: 26453

Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.7	99.7





#50

1,2-Dibromoethane

Concen: 4.939 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031905.D

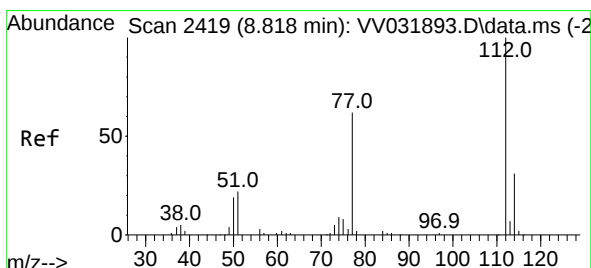
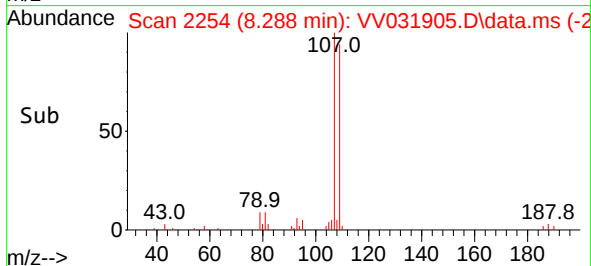
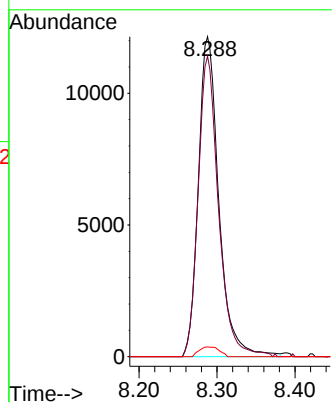
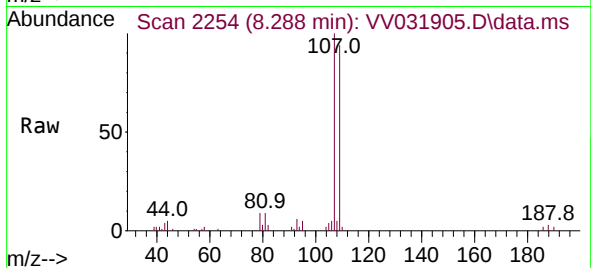
Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	22171
Ion	Ratio	Lower	Upper
107	100		
109	94.0	66.3	123.1
188	3.1	2.6	3.8



#51

Chlorobenzene

Concen: 5.091 ug/L

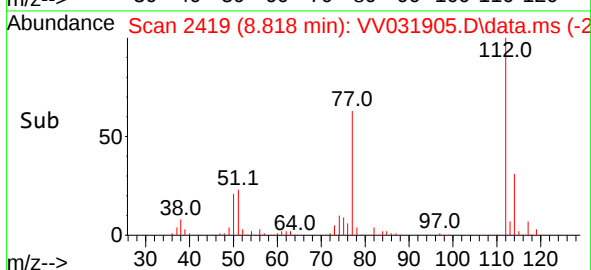
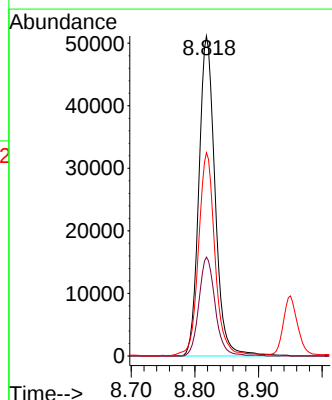
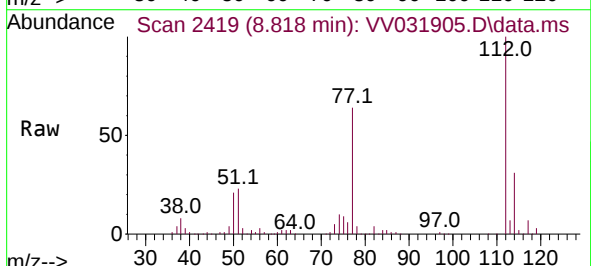
RT: 8.818 min Scan# 2419

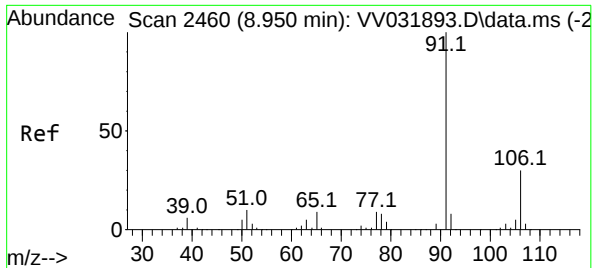
Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Tgt Ion:	112	Resp:	90138
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.3	41.3
77	63.5	50.6	75.8





#52

Ethylbenzene

Concen: 5.143 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

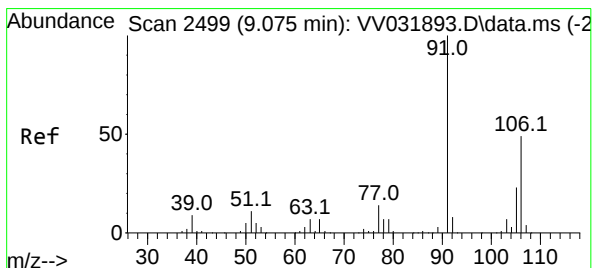
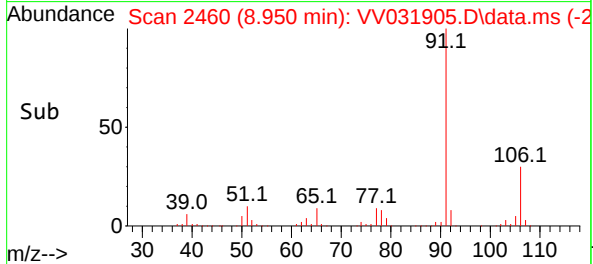
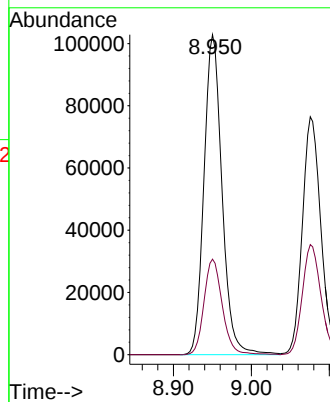
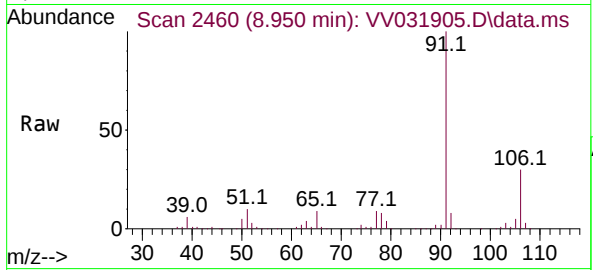
ClientSampleId :

Tgt Ion: 91 Resp: 165321

Ion Ratio Lower Upper

91 100

106 29.8 21.3 39.5



#53

m,p-Xylene

Concen: 4.935 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.003 min

Lab File: VV031905.D

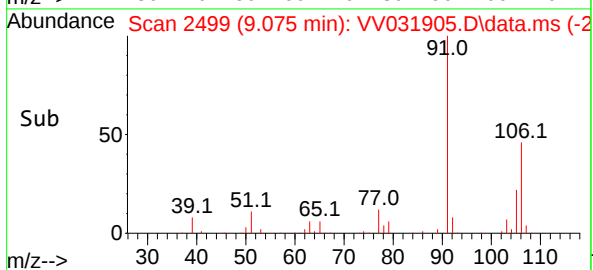
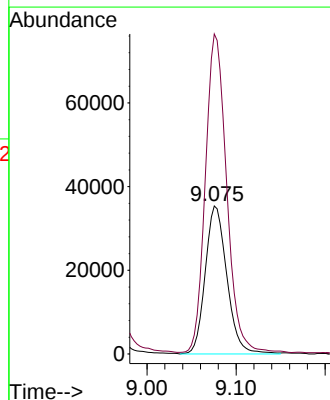
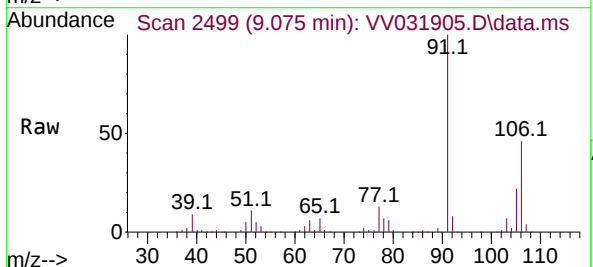
Acq: 24 Aug 2023 13:11

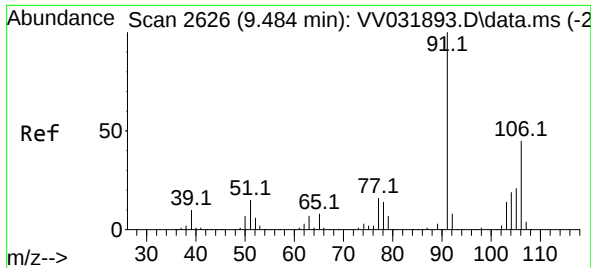
Tgt Ion:106 Resp: 59749

Ion Ratio Lower Upper

106 100

91 216.2 142.7 265.1

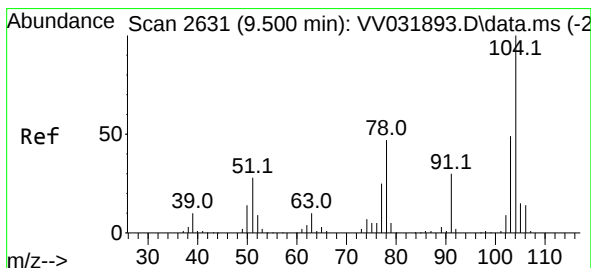
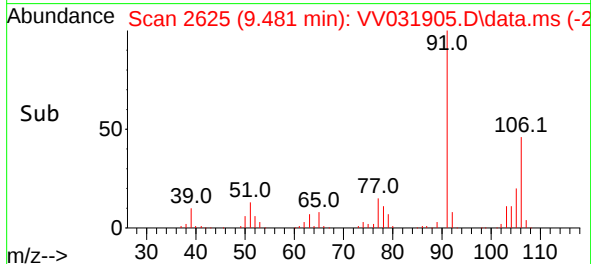
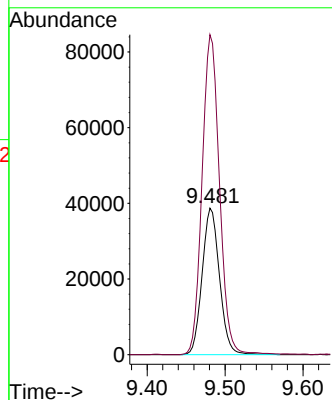
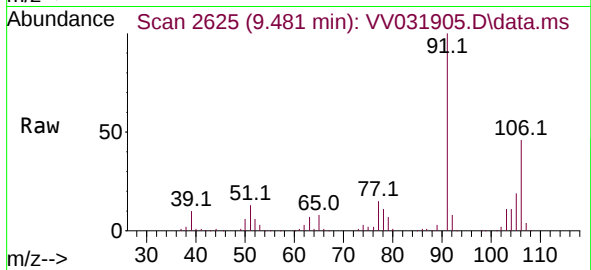




#54
o-Xylene
Concen: 5.122 ug/L
RT: 9.481 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

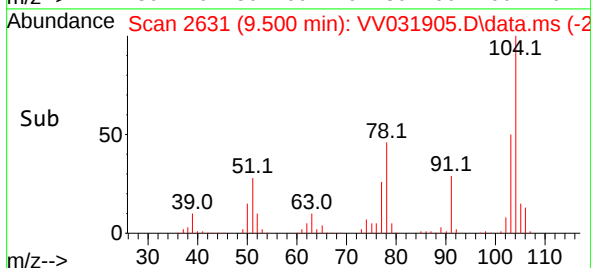
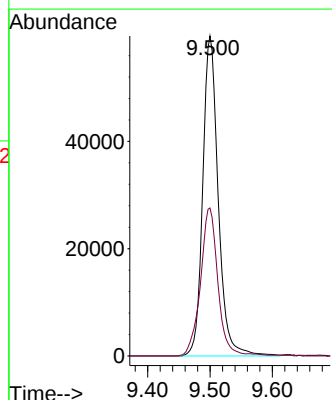
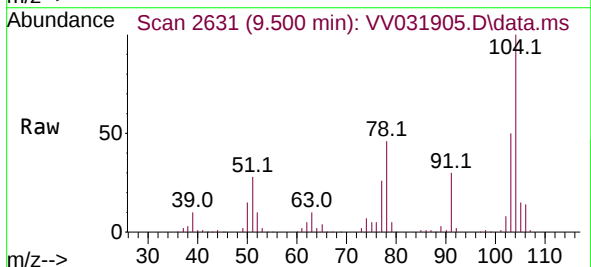
Instrument :
MSVOA_V
ClientSampleId :

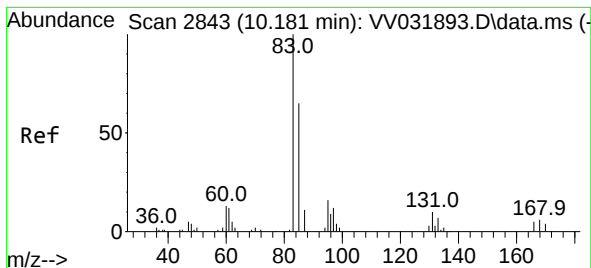
Tgt Ion:106 Resp: 59931
Ion Ratio Lower Upper
106 100
91 218.3 154.7 287.3



#55
Styrene
Concen: 5.106 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Tgt Ion:104 Resp: 103076
Ion Ratio Lower Upper
104 100
78 46.2 32.1 59.7

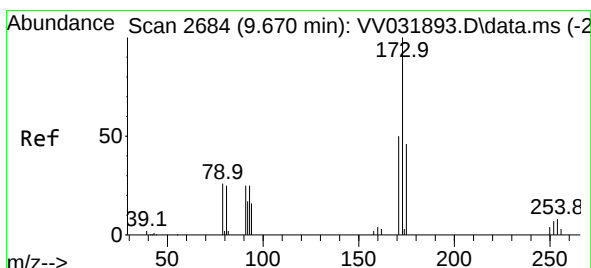
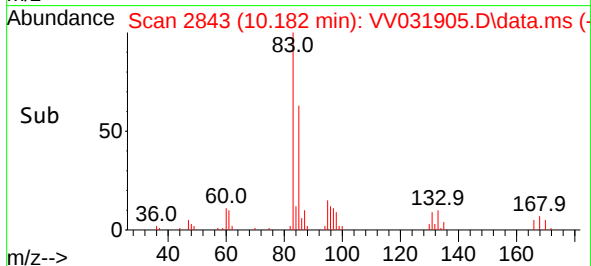
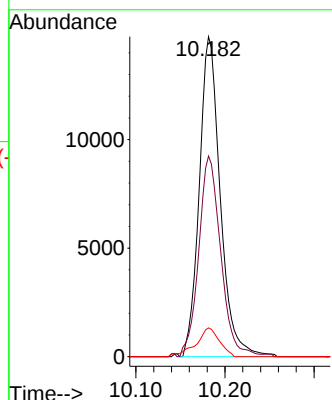
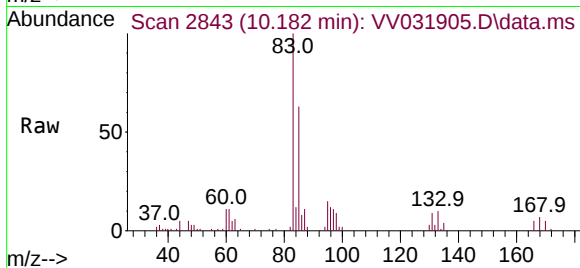




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.809 ug/L
 RT: 10.182 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VV031905.D
 Acq: 24 Aug 2023 13:11

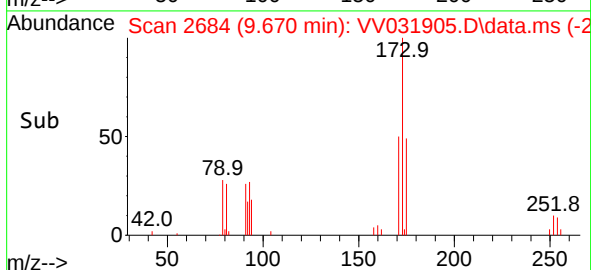
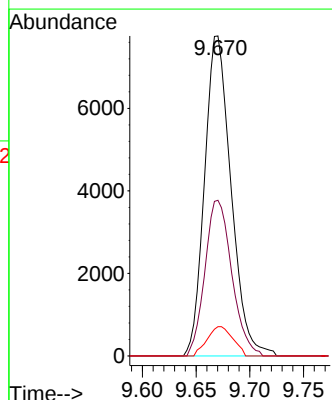
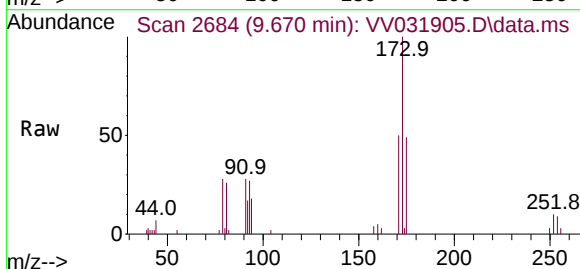
Instrument :
 MSVOA_V
 ClientSampleId :

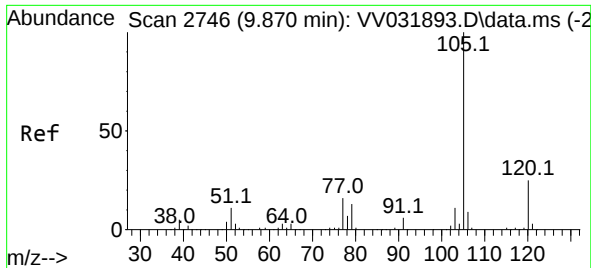
Tgt Ion: 83 Resp: 24168
 Ion Ratio Lower Upper
 83 100
 85 62.7 46.6 86.6
 131 9.0 7.4 11.2



#59
 Bromoform
 Concen: 4.829 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.000 min
 Lab File: VV031905.D
 Acq: 24 Aug 2023 13:11

Tgt Ion: 173 Resp: 13297
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.0 57.0
 254 8.8 6.8 10.2

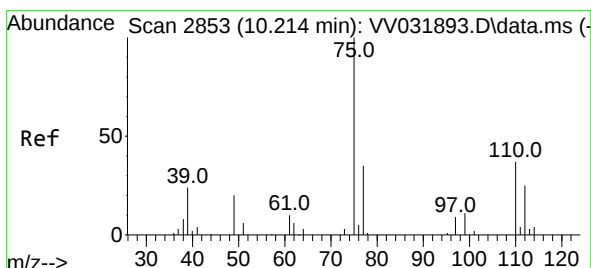
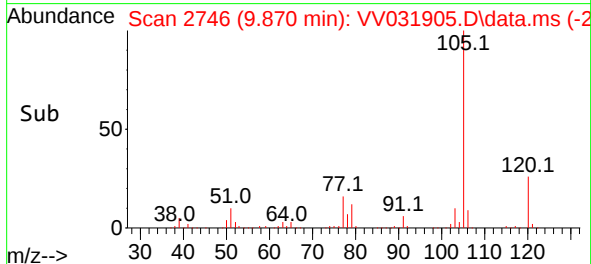
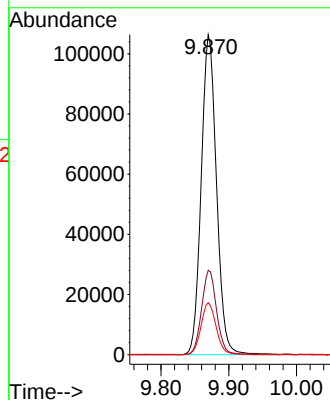
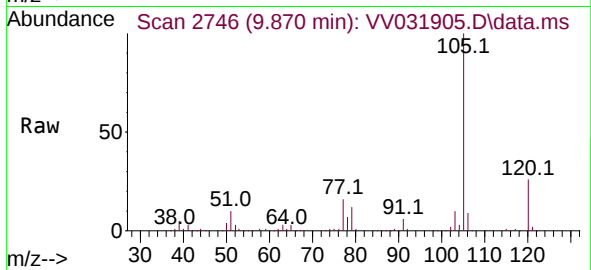




#60
Isopropylbenzene
Concen: 5.139 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

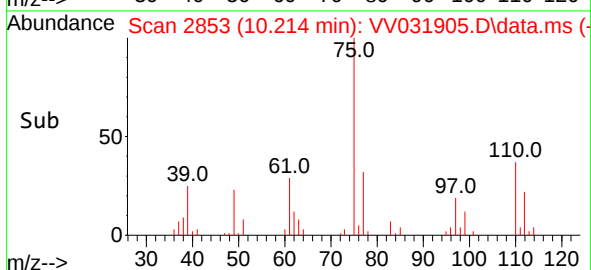
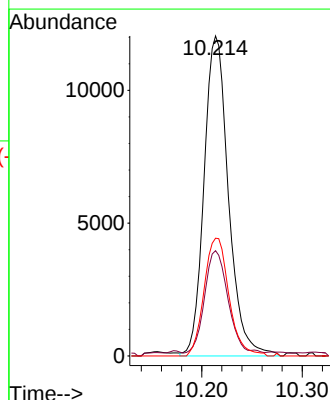
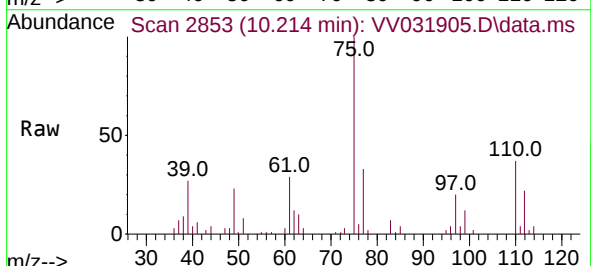
Instrument :
MSVOA_V
ClientSampleId :

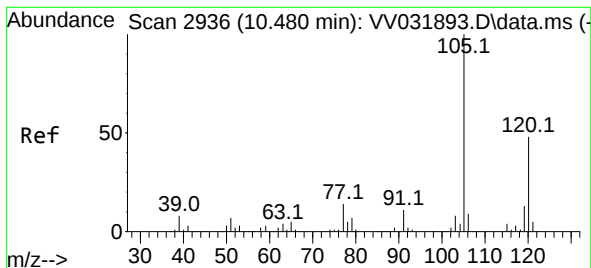
Tgt Ion:105 Resp: 166490
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 4.733 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Tgt Ion: 75 Resp: 20319
Ion Ratio Lower Upper
75 100
77 30.4 28.8 43.2
110 37.5 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 5.031 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

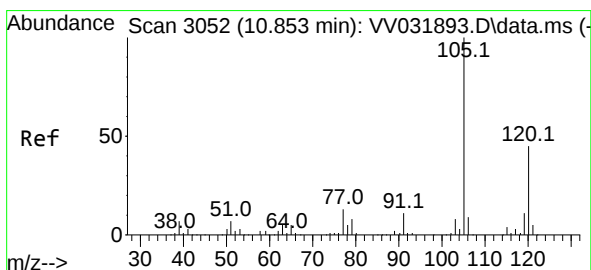
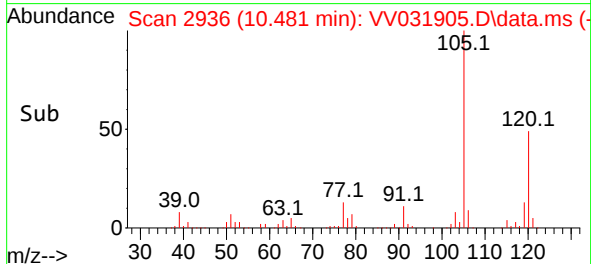
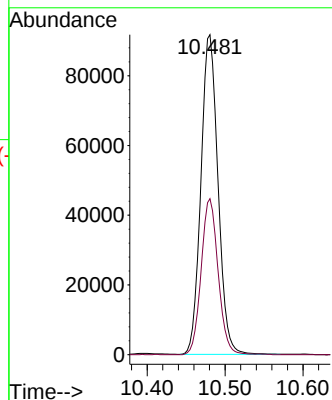
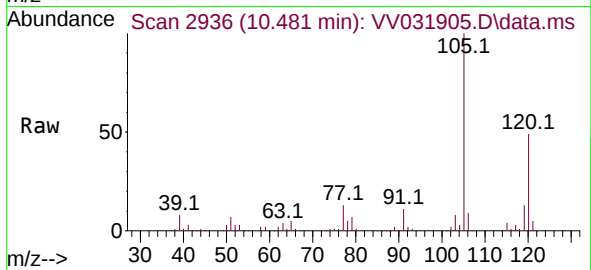
ClientSampleId :

Tgt Ion:105 Resp: 139708

Ion Ratio Lower Upper

105 100

120 48.4 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 5.085 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV031905.D

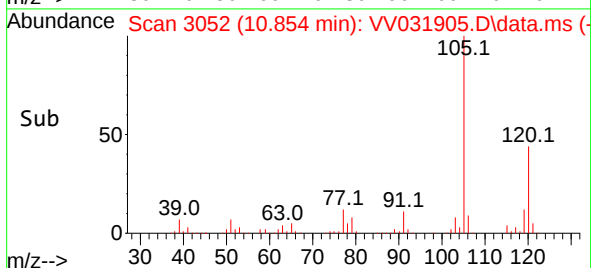
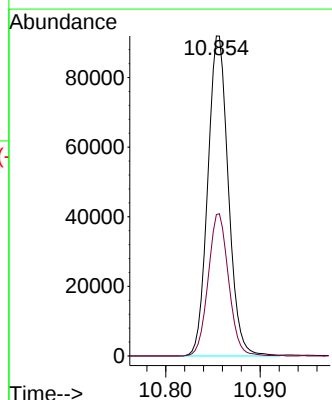
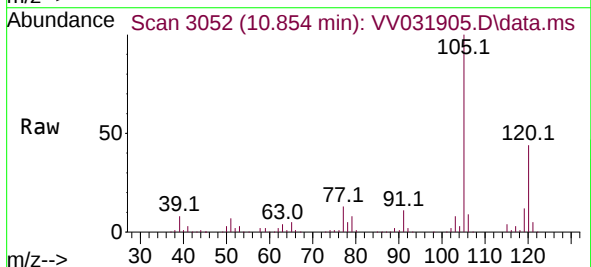
Acq: 24 Aug 2023 13:11

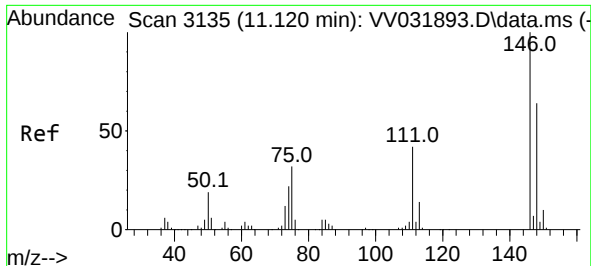
Tgt Ion:105 Resp: 138750

Ion Ratio Lower Upper

105 100

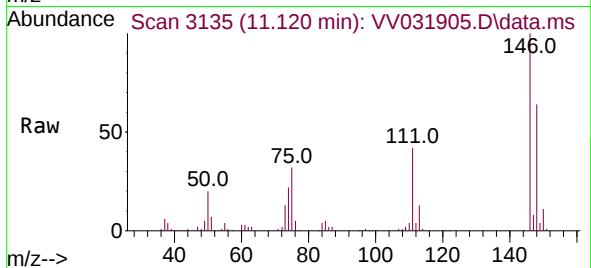
120 44.2 35.8 53.8



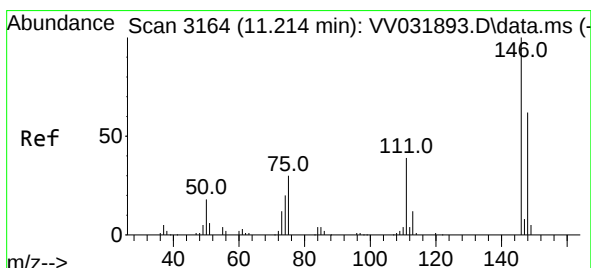
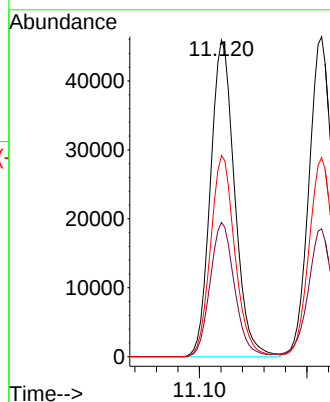
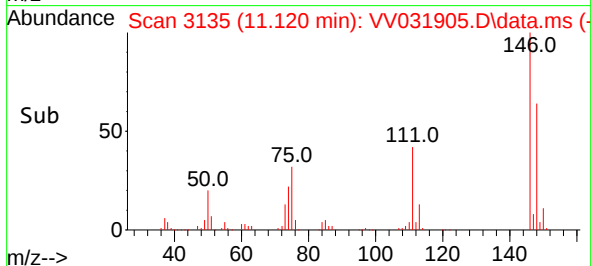


#64
1,3-Dichlorobenzene
Concen: 4.984 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

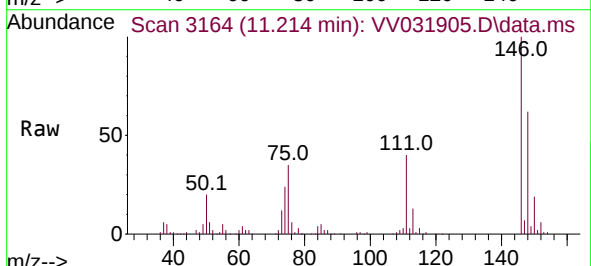
Instrument :
MSVOA_V
ClientSampleId :



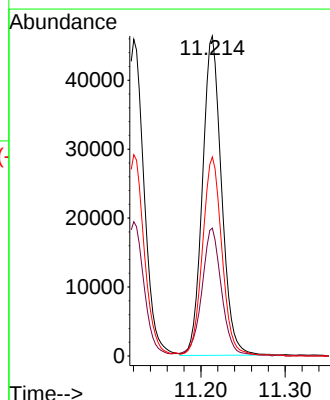
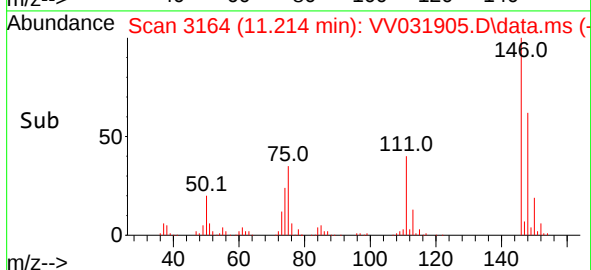
Tgt Ion:146 Resp: 71504
Ion Ratio Lower Upper
146 100
111 42.4 29.5 54.7
148 63.6 43.9 81.5

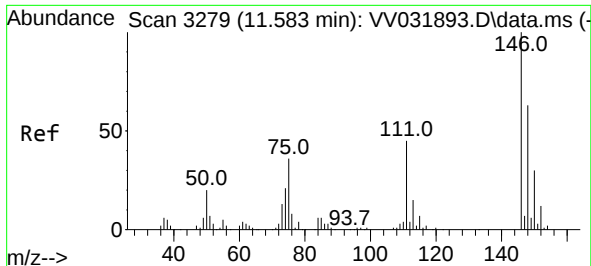


#65
1,4-Dichlorobenzene
Concen: 4.951 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11



Tgt Ion:146 Resp: 72977
Ion Ratio Lower Upper
146 100
111 39.9 29.2 54.2
148 62.2 44.0 81.6

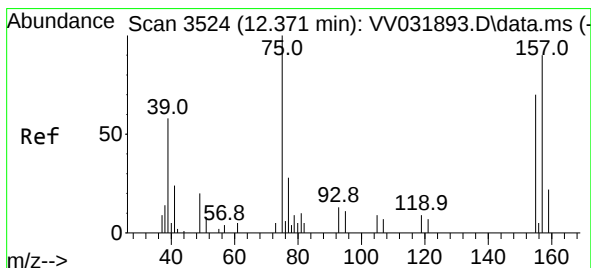
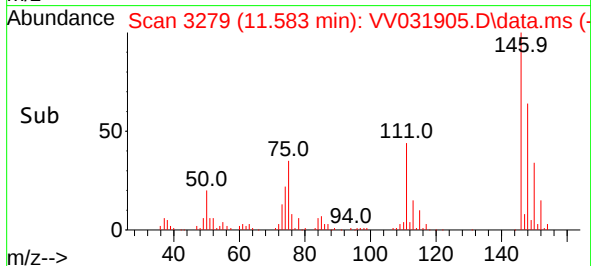
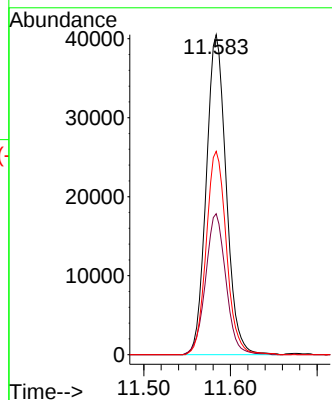
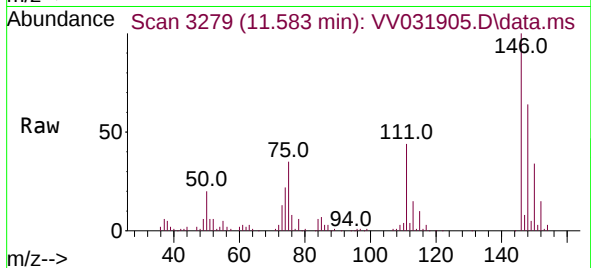




#67
1,2-Dichlorobenzene
Concen: 4.937 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

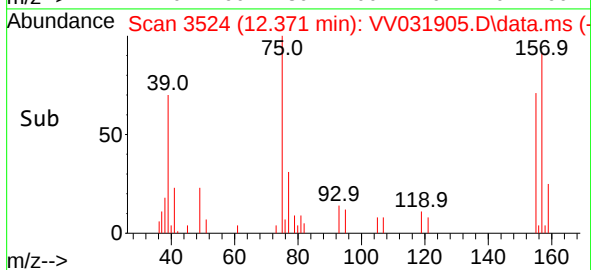
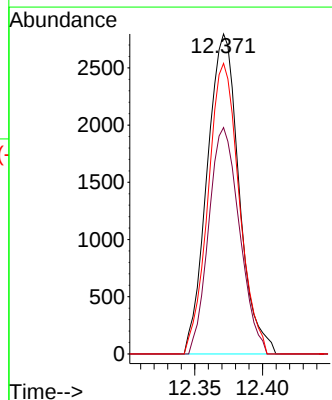
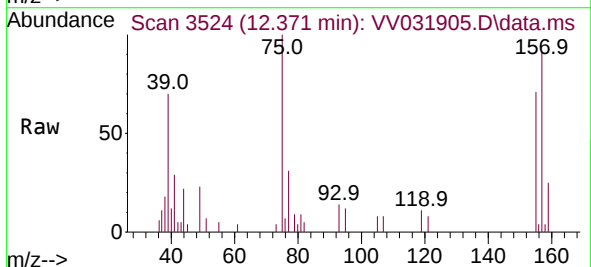
Instrument :
MSVOA_V
ClientSampleId :

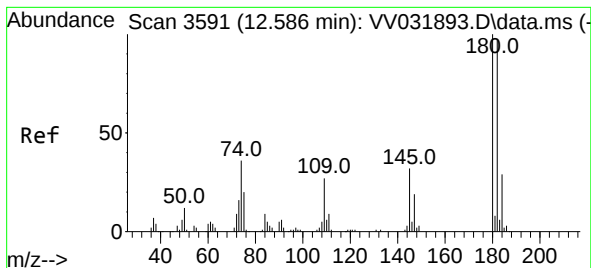
Tgt Ion:146 Resp: 64833
Ion Ratio Lower Upper
146 100
111 44.1 34.8 52.2
148 63.6 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.707 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Tgt Ion: 75 Resp: 4577
Ion Ratio Lower Upper
75 100
155 70.8 56.1 84.1
157 90.8 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 5.018 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

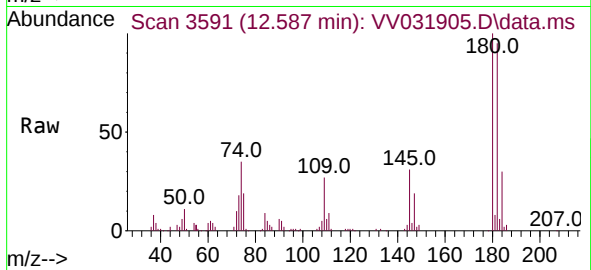
Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 53524

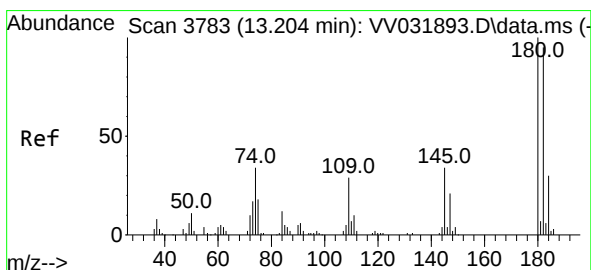
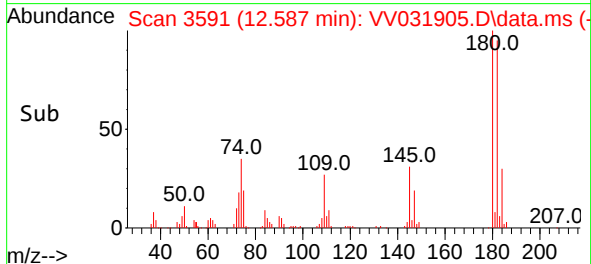
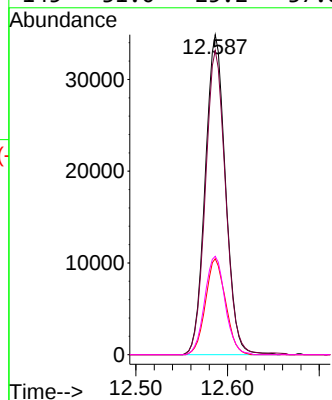
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

184 29.7 23.9 35.9

145 31.0 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.642 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031905.D

Acq: 24 Aug 2023 13:11

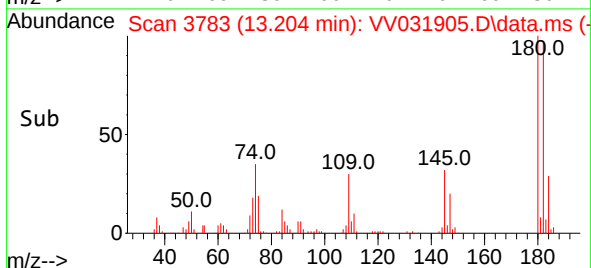
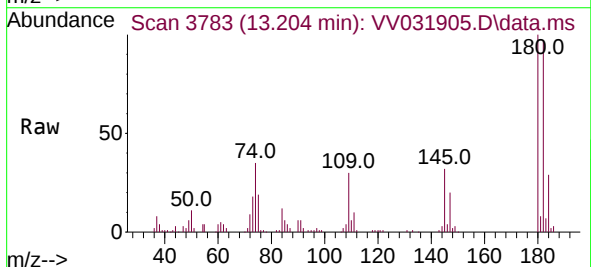
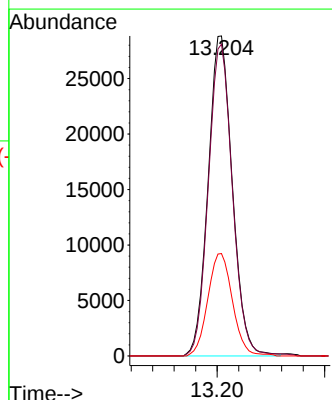
Tgt Ion:180 Resp: 45132

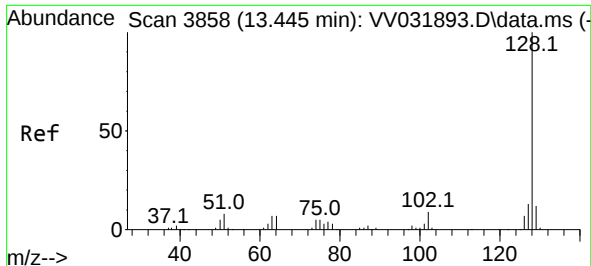
Ion Ratio Lower Upper

180 100

182 96.7 76.9 115.3

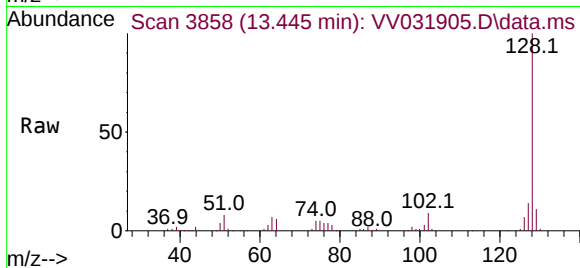
145 32.6 26.6 39.8



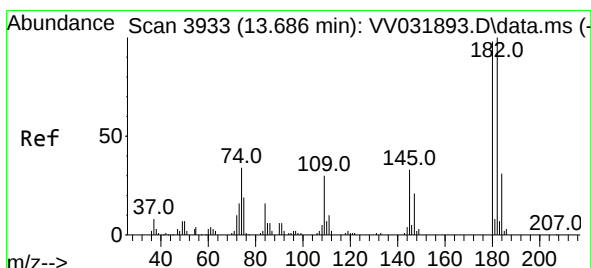
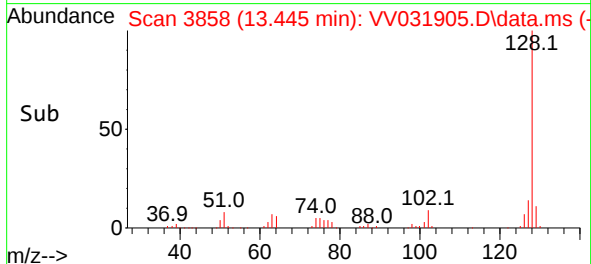
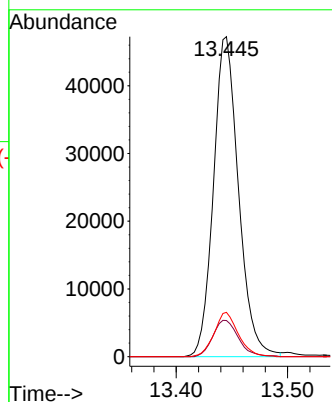


#71
Naphthalene
Concen: 4.037 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 73931
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.4 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.668 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV031905.D
Acq: 24 Aug 2023 13:11

Tgt Ion:180 Resp: 38215
Ion Ratio Lower Upper
180 100
182 92.8 75.9 113.9
145 32.9 27.3 40.9

