

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031393.D
 Acq On : 07 Jun 2023 12:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV232

Quant Time: Jun 08 04:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 04:14:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	285368	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	281837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	159172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121652	48.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.900%
7) Chloroethane-d5	1.532	69	99592	48.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.980%
11) 1,1-Dichloroethene-d2	2.060	65	57138	48.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
21) 2-Butanone-d5	3.796	46	203245	112.011	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.010%
24) Chloroform-d	4.252	84	239630	50.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.340%
26) 1,2-Dichloroethane-d4	4.947	65	163318	50.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.940%
32) Benzene-d6	4.963	84	424047	50.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.920%
36) 1,2-Dichloropropane-d6	5.992	67	147993	51.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.340%
41) Toluene-d8	7.246	98	401296	52.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.555	79	76382	52.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.860%
47) 2-Hexanone-d5	8.030	63	126709	116.316	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.320%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	189676	51.965	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	11.567	152	152273	51.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	52527	45.900	ug/L	97
3) Chloromethane	1.217	50	43455	46.793	ug/L	98
5) Vinyl chloride	1.282	62	51357	46.351	ug/L	97
6) Bromomethane	1.491	94	31221	46.883	ug/L	98
8) Chloroethane	1.548	64	40715	45.608	ug/L	95
9) Trichlorofluoromethane	1.716	101	125564	46.950	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	81662	47.217	ug/L	98
12) 1,1-Dichloroethene	2.072	96	53425	46.928	ug/L	98
13) Acetone	2.127	43	136322	83.981	ug/L	97
14) Carbon disulfide	2.243	76	42427	43.568	ug/L	97
15) Methyl Acetate	2.378	43	128323	52.351	ug/L	100
16) Methylene chloride	2.449	84	81743	47.567	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	52611	48.742	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	350329	52.803	ug/L	99
19) 1,1-Dichloroethane	3.114	63	178594	47.834	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	87550	49.891	ug/L	99
22) 2-Butanone	3.879	43	192759	96.618	ug/L	98
23) Bromochloromethane	4.153	128	44660	48.396	ug/L	98
25) Chloroform	4.281	83	200083	48.057	ug/L	99

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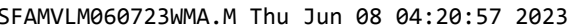
Instrument :
 MSVOA_V
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 VICV232

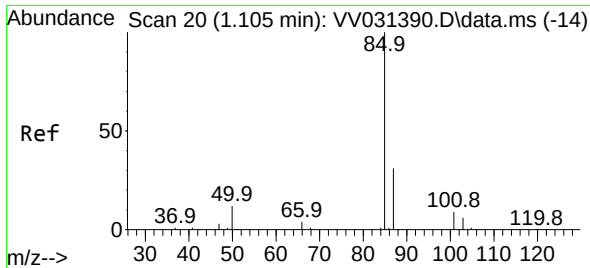
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	157444	51.789	ug/L	99
29) Cyclohexane	4.587	56	76748	50.845	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	159108	47.826	ug/L	100
31) Carbon tetrachloride	4.741	117	130865	47.353	ug/L	98
33) Benzene	5.014	78	320356	51.515	ug/L	100
34) Trichloroethene	5.838	95	95942	48.969	ug/L	98
35) Methylcyclohexane	6.056	83	82030	48.954	ug/L	95
37) 1,2-Dichloropropane	6.098	63	109056	48.721	ug/L	100
38) Bromodichloromethane	6.436	83	162094	49.477	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	177387	53.044	ug/L	96
40) 4-Methyl-2-pentanone	7.162	43	405026	111.389	ug/L	99
42) Toluene	7.320	91	354663	50.953	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	180992	53.359	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	118882	51.383	ug/L	99
46) Tetrachloroethene	7.908	164	62306	48.986	ug/L	98
48) 2-Hexanone	8.082	43	309569	108.767	ug/L	100
49) Dibromochloromethane	8.182	129	128428	50.886	ug/L	99
50) 1,2-Dibromoethane	8.288	107	113514	50.963	ug/L	96
51) Chlorobenzene	8.818	112	256880	48.536	ug/L	100
52) Ethylbenzene	8.950	91	439024	50.679	ug/L	100
53) m,p-Xylene	9.079	106	160795	51.508	ug/L	99
54) o-Xylene	9.484	106	162045	51.456	ug/L	98
55) Styrene	9.500	104	308812	53.787	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	182247	51.386	ug/L	99
59) Bromoform	9.670	173	103987	50.986	ug/L	99
60) Isopropylbenzene	9.873	105	475554	52.285	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	166926	51.805	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	398015	52.986	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	404546	53.804	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	236273	50.751	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	247175	50.195	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	241690	50.642	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	46545	54.498	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	182749	50.986	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	163515	53.474	ug/L	99
71) Naphthalene	13.445	128	489987	58.464	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	167891	54.777	ug/L	98

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

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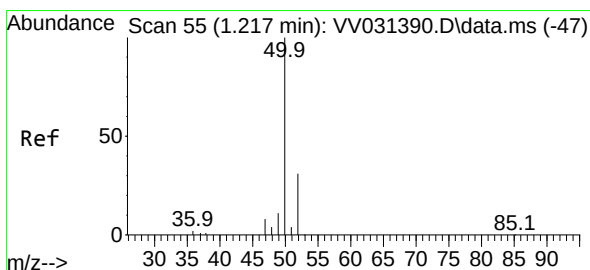
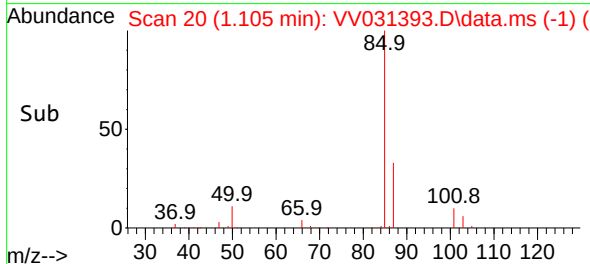
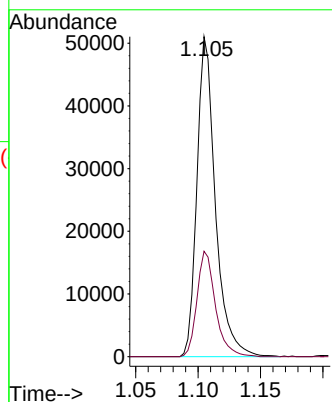
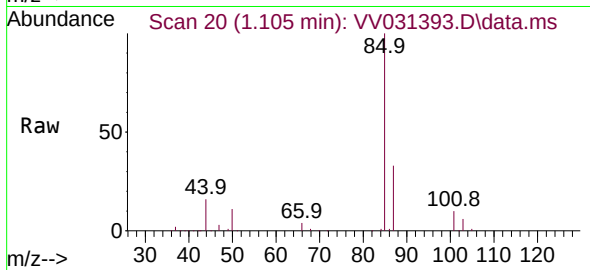




#2
 Dichlorodifluoromethane
 Concen: 45.900 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV031393.D
 Acq: 07 Jun 2023 12:28

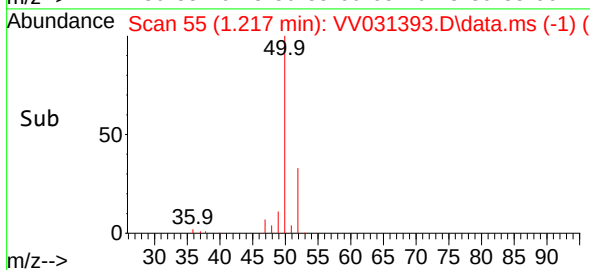
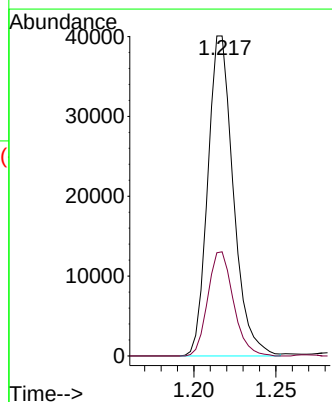
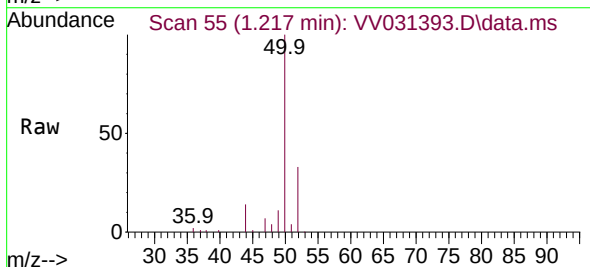
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV232

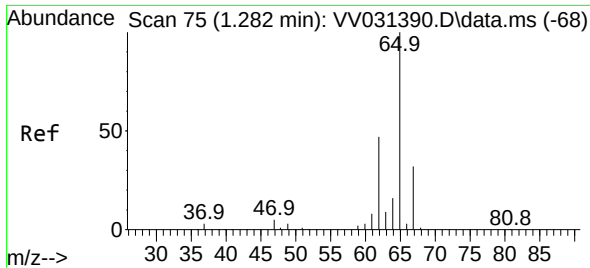
Tgt Ion: 85 Resp: 52527
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.6



#3
 Chloromethane
 Concen: 46.793 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031393.D
 Acq: 07 Jun 2023 12:28

Tgt Ion: 50 Resp: 43455
 Ion Ratio Lower Upper
 50 100
 52 32.5 21.9 40.7

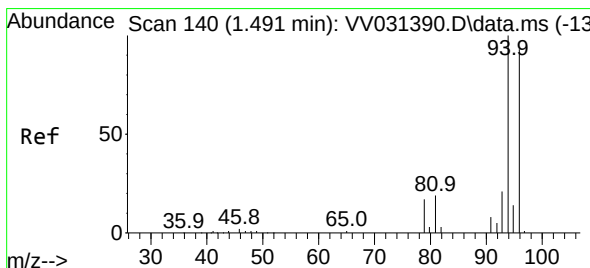
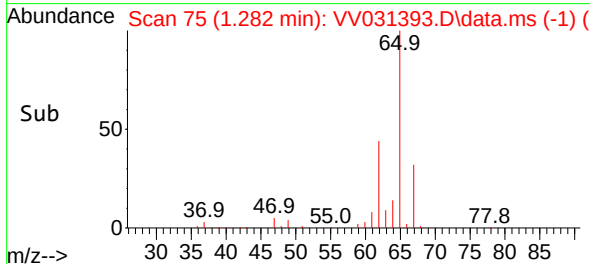
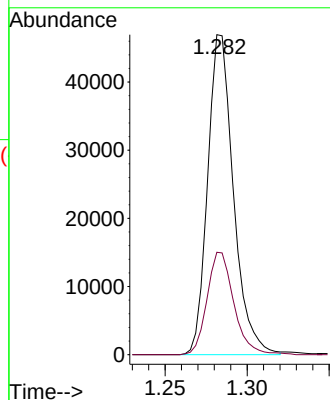
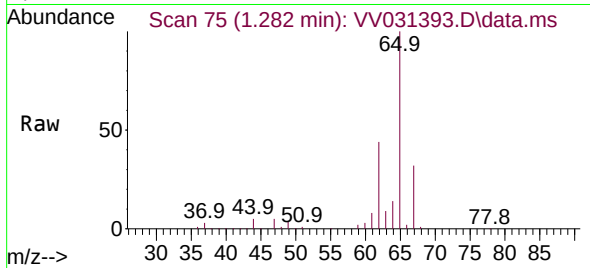




#5
 Vinyl chloride
 Concen: 46.351 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031393.D
 Acq: 07 Jun 2023 12:28

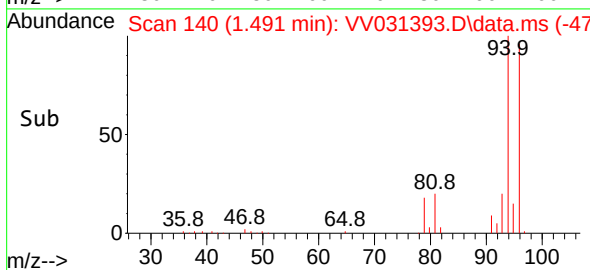
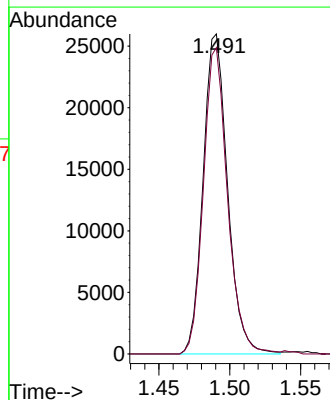
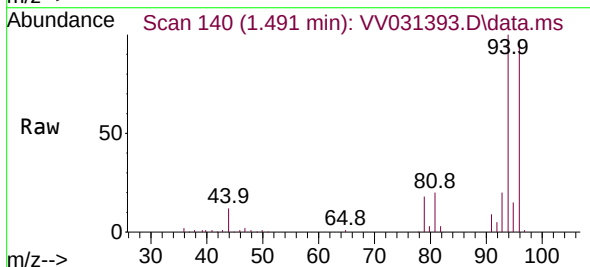
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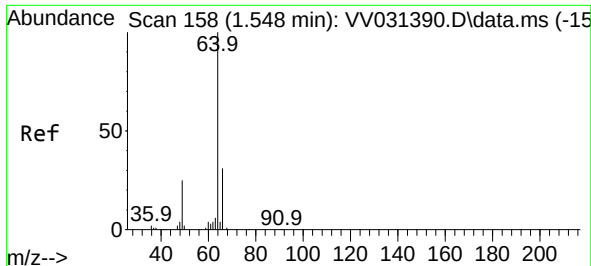
Tgt Ion: 62 Resp: 51357
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.7 43.9



#6
 Bromomethane
 Concen: 46.883 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV031393.D
 Acq: 07 Jun 2023 12:28

Tgt Ion: 94 Resp: 31221
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.4 121.4





#8

Chloroethane

Concen: 45.608 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

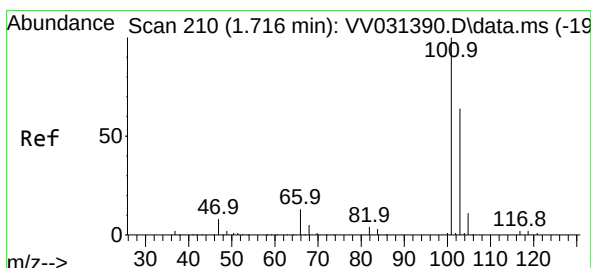
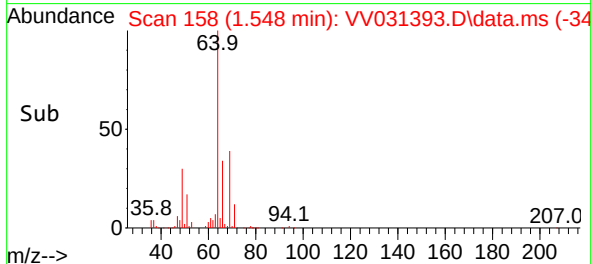
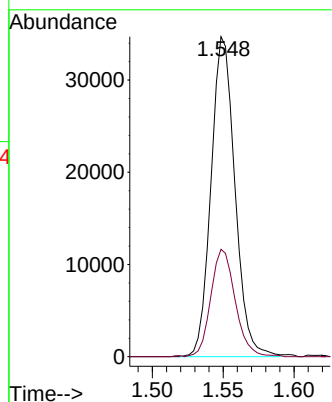
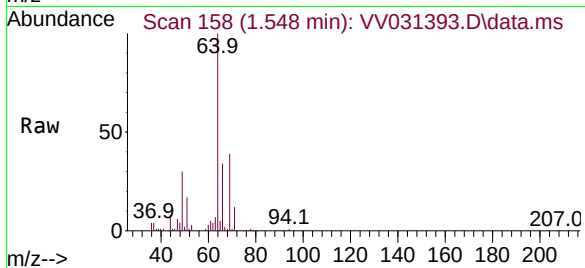
VICV232

Tgt Ion: 64 Resp: 40715

Ion Ratio Lower Upper

64 100

66 33.5 21.4 39.8



#9

Trichlorofluoromethane

Concen: 46.950 ug/L

RT: 1.716 min Scan# 210

Delta R.T. -0.000 min

Lab File: VV031393.D

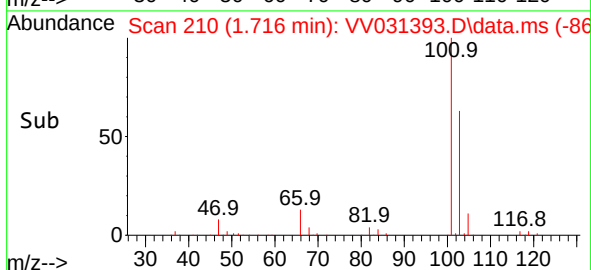
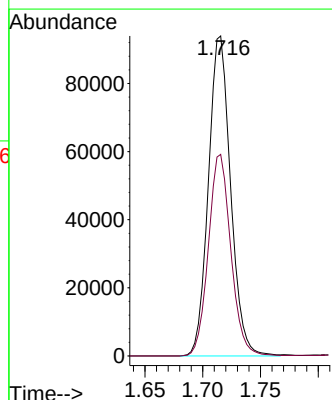
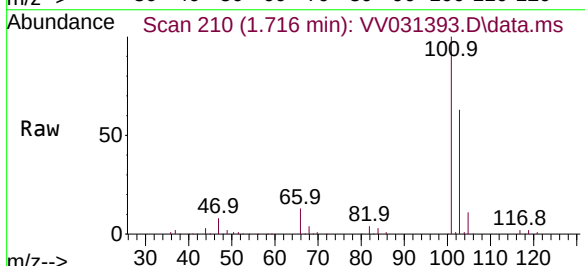
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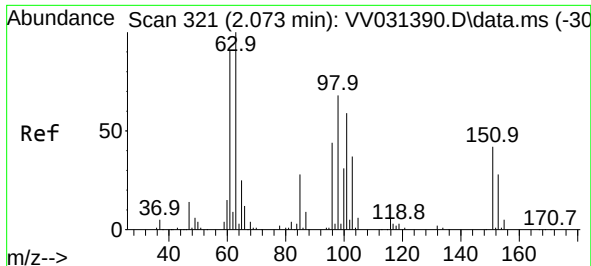
Tgt Ion: 101 Resp: 125564

Ion Ratio Lower Upper

101 100

103 63.7 51.8 77.6

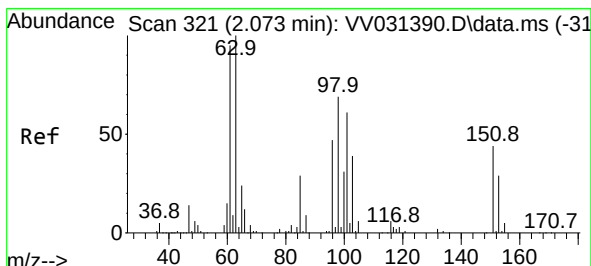
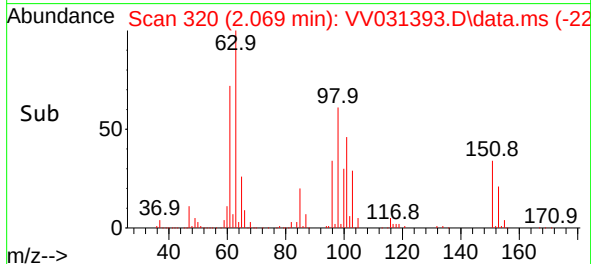
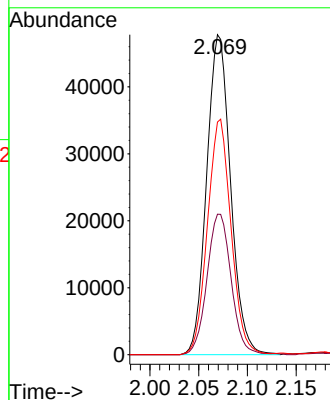
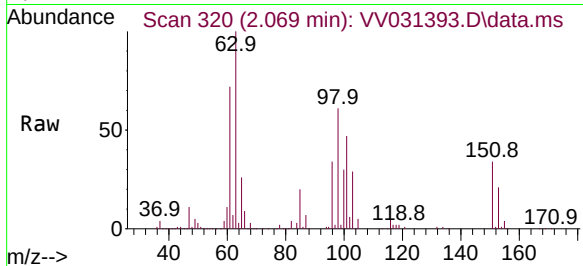




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.217 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

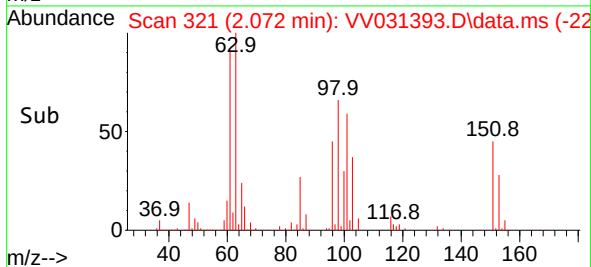
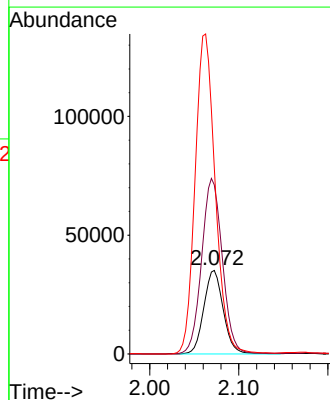
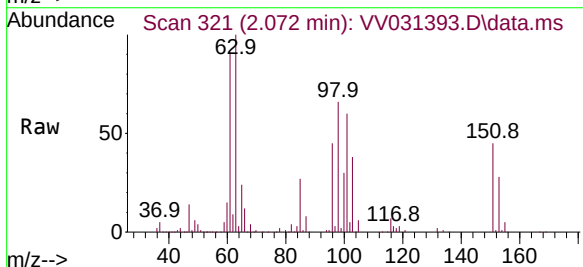
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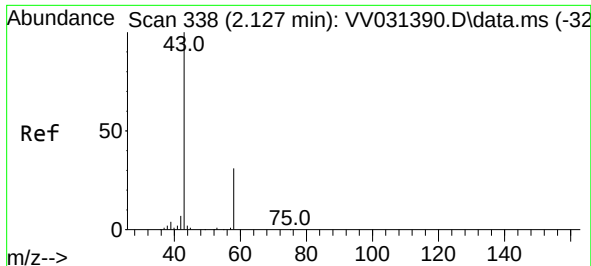
Tgt Ion:101 Resp: 81662
Ion Ratio Lower Upper
101 100
85 44.1 37.3 55.9
151 72.6 57.8 86.6



#12
1,1-Dichloroethene
Concen: 46.928 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 96 Resp: 53425
Ion Ratio Lower Upper
96 100
61 202.4 143.9 267.3
63 223.5 158.3 293.9





#13

Acetone

Concen: 83.981 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

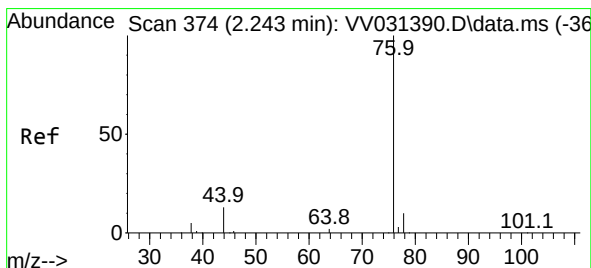
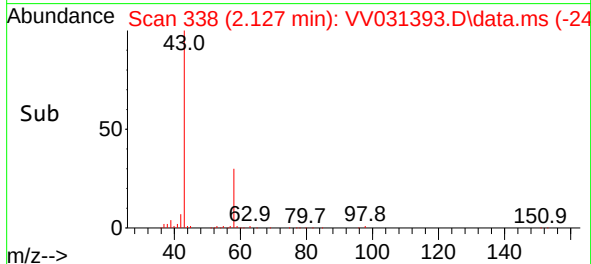
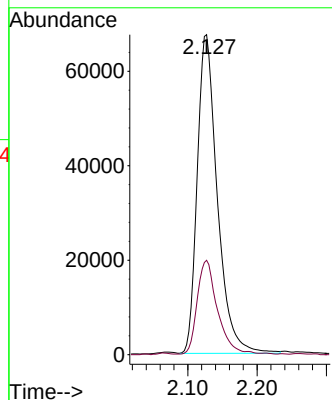
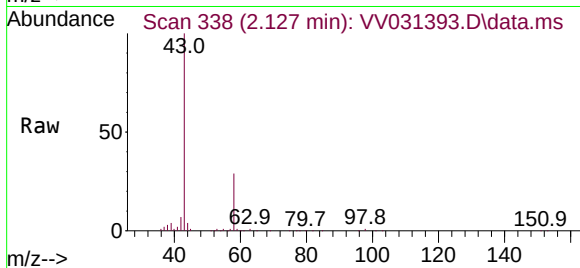
VICV232

Tgt Ion: 43 Resp: 136322

Ion Ratio Lower Upper

43 100

58 29.1 0.0 61.0



#14

Carbon disulfide

Concen: 43.568 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV031393.D

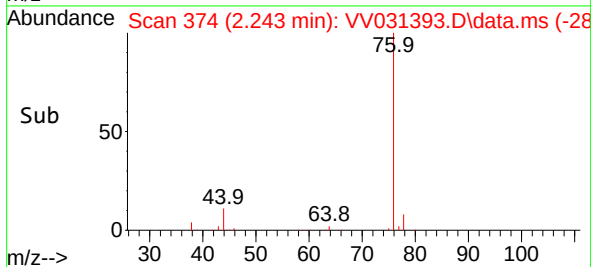
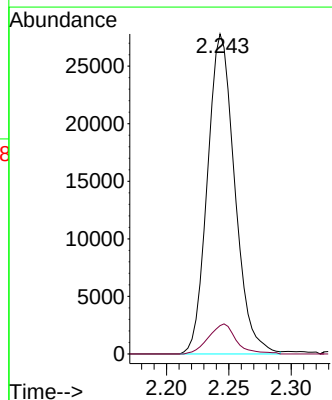
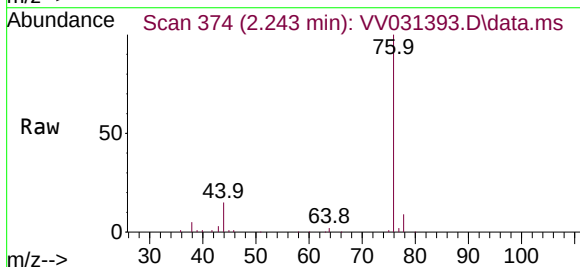
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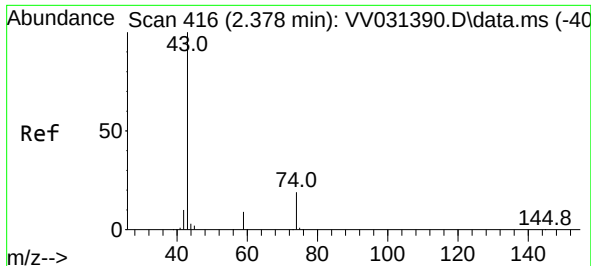
Tgt Ion: 76 Resp: 42427

Ion Ratio Lower Upper

76 100

78 8.8 7.9 11.9

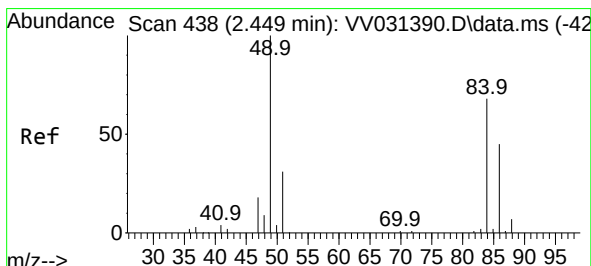
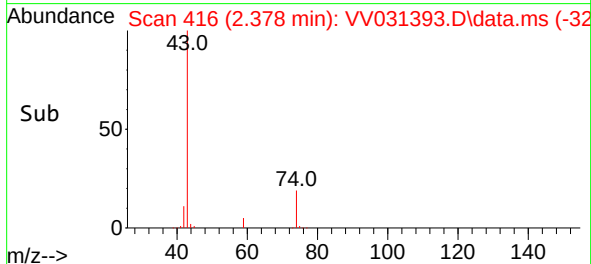
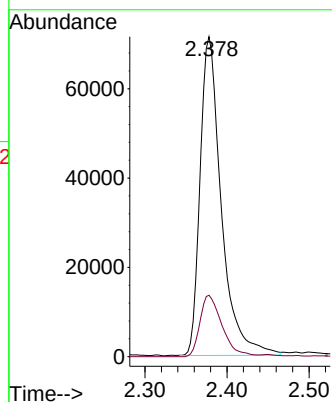
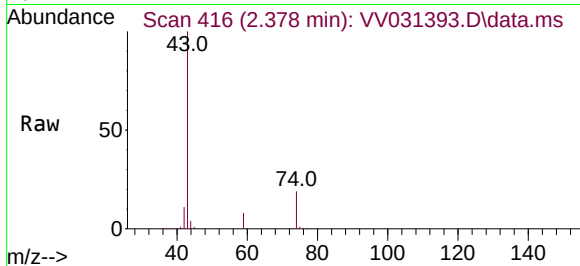




#15
Methyl Acetate
Concen: 52.351 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

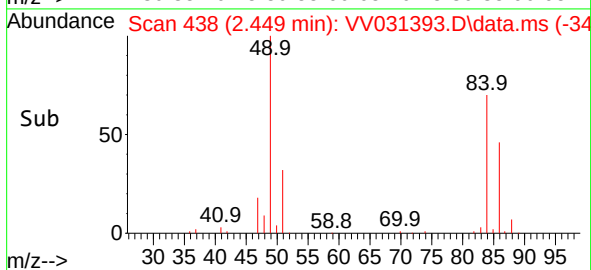
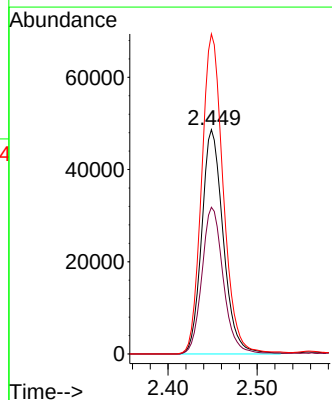
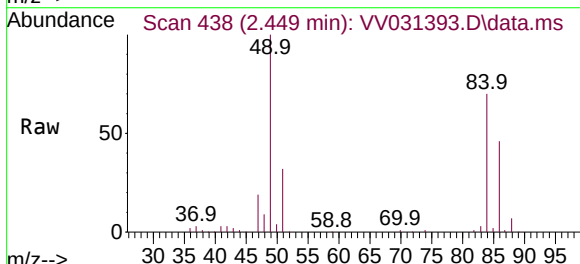
Instrument :
MSVOA_V
ClientSampleId :
VICV232

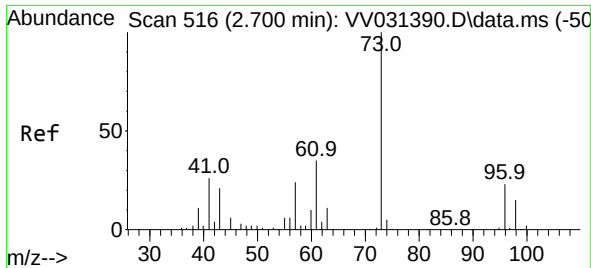
Tgt Ion: 43 Resp: 128323
Ion Ratio Lower Upper
43 100
74 20.1 16.0 24.0



#16
Methylene chloride
Concen: 47.567 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 84 Resp: 81743
Ion Ratio Lower Upper
84 100
86 65.4 46.1 85.5
49 142.6 102.7 190.7

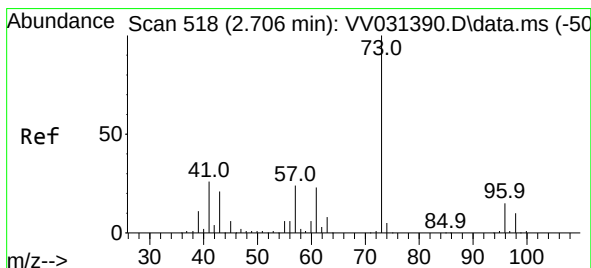
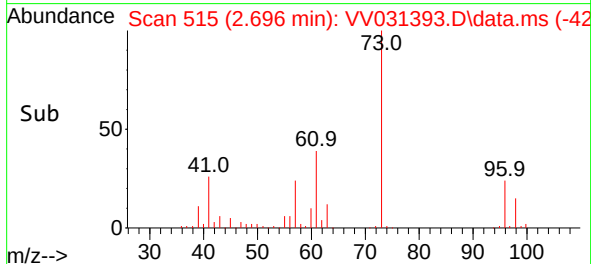
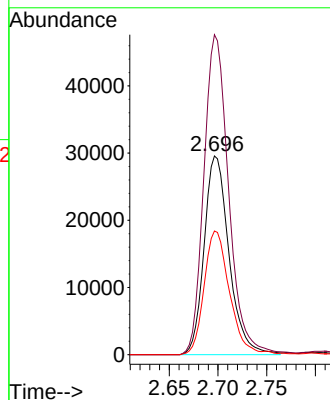
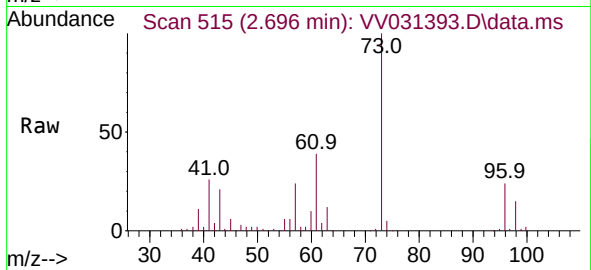




#17
trans-1,2-Dichloroethene
Concen: 48.742 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

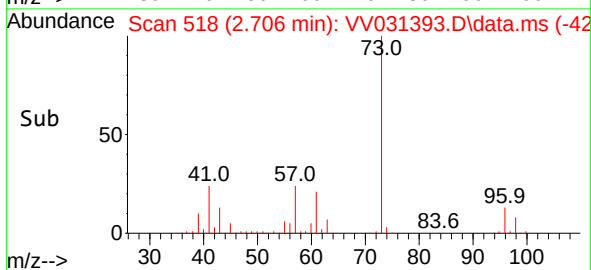
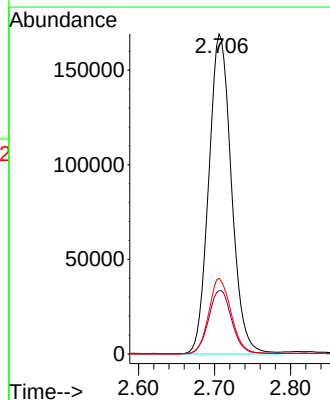
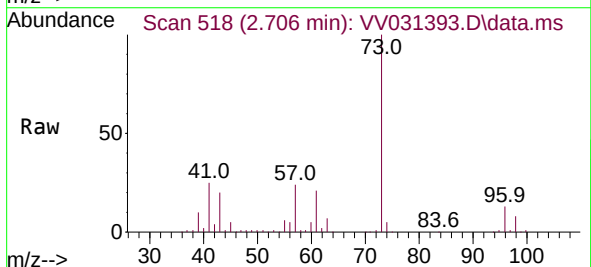
Instrument :
MSVOA_V
ClientSampleId :
VICV232

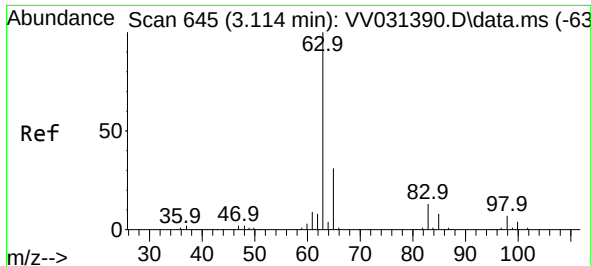
Tgt Ion: 96 Resp: 52611
Ion Ratio Lower Upper
96 100
61 161.0 106.9 198.5
98 62.3 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 52.803 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 73 Resp: 350329
Ion Ratio Lower Upper
73 100
43 20.1 16.6 25.0
57 23.5 18.6 28.0





#19

1,1-Dichloroethane

Concen: 47.834 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

VICV232

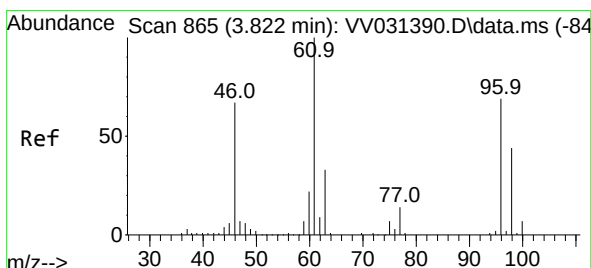
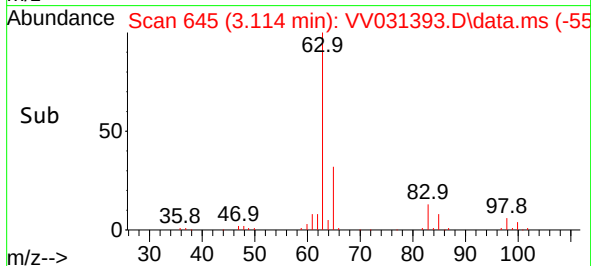
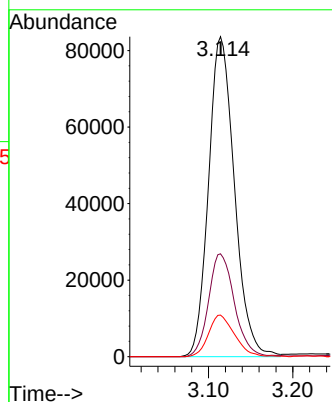
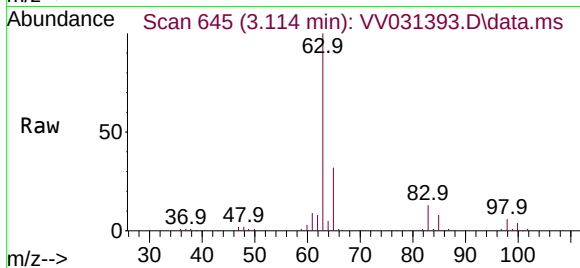
Tgt Ion: 63 Resp: 178594

Ion Ratio Lower Upper

63 100

65 32.2 21.4 39.8

83 13.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 49.891 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

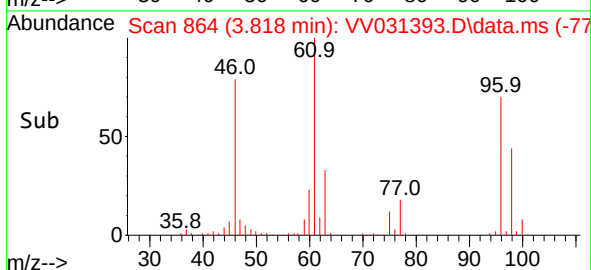
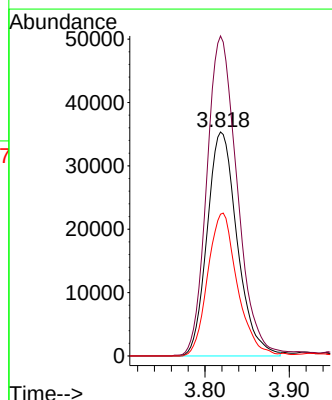
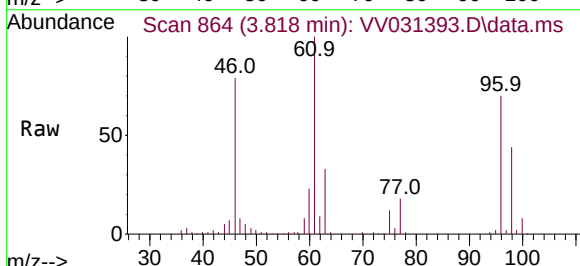
Tgt Ion: 96 Resp: 87550

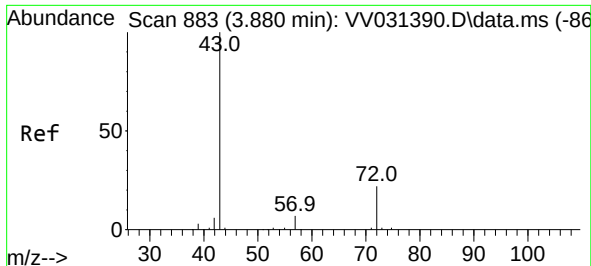
Ion Ratio Lower Upper

96 100

61 142.8 101.6 188.6

98 63.2 44.4 82.4

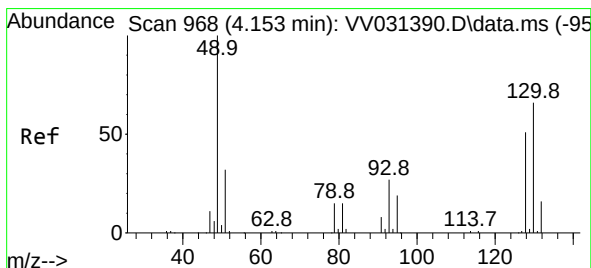
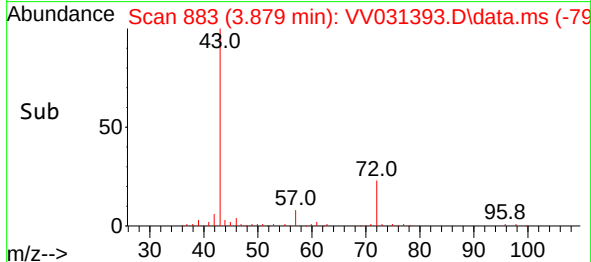
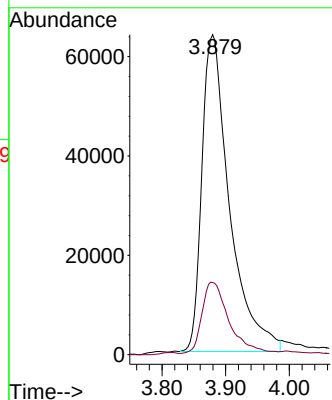
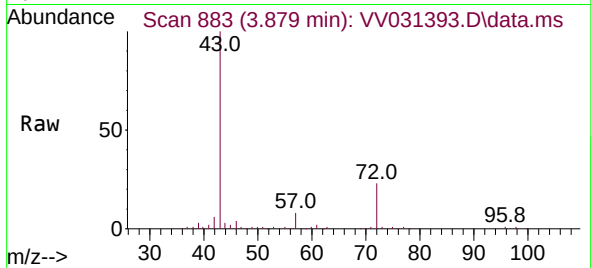




#22
2-Butanone
Concen: 96.618 ug/L
RT: 3.879 min Scan# 883
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

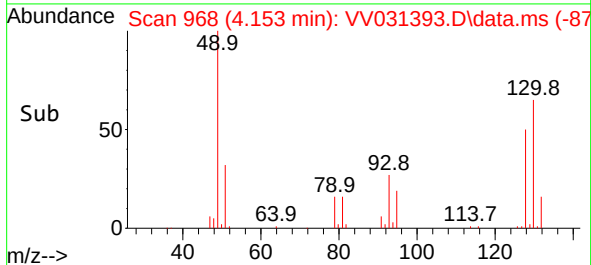
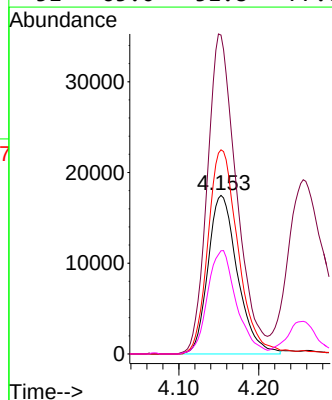
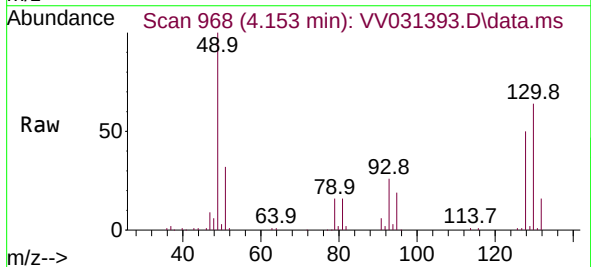
Instrument :
MSVOA_V
ClientSampleId :
VICV232

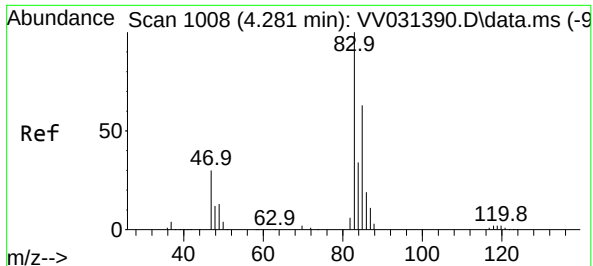
Tgt Ion: 43 Resp: 192759
Ion Ratio Lower Upper
43 100
72 22.0 10.4 31.4



#23
Bromochloromethane
Concen: 48.396 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion:128 Resp: 44660
Ion Ratio Lower Upper
128 100
49 201.0 138.2 256.6
130 128.7 91.4 169.8
51 65.0 51.8 77.6

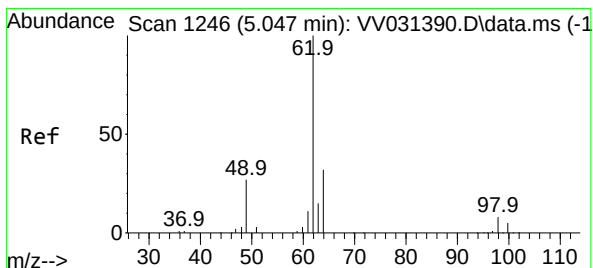
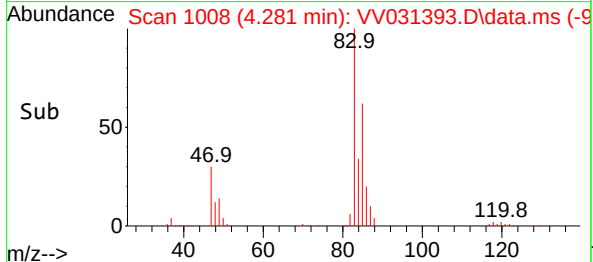
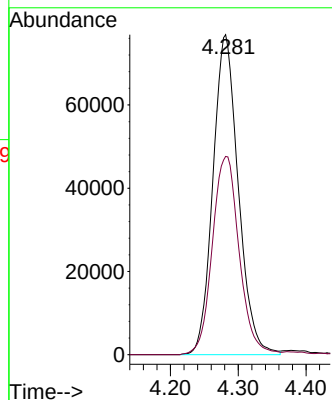
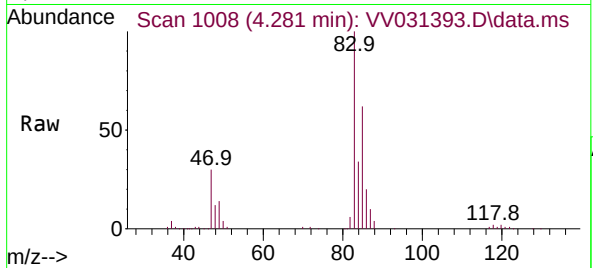




#25
Chloroform
Concen: 48.057 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

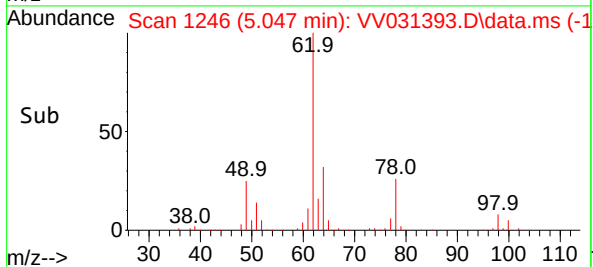
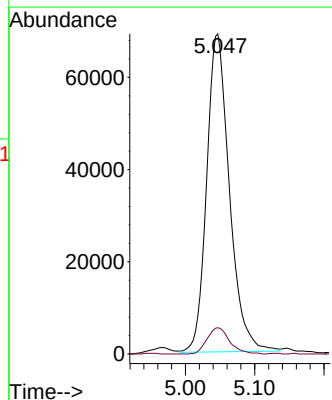
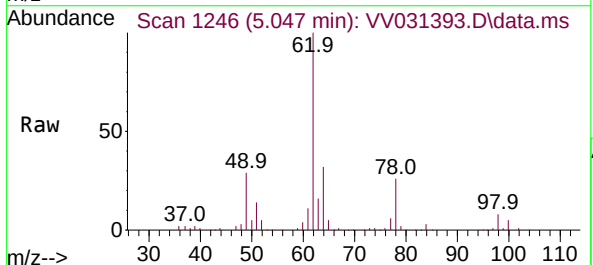
Instrument :
MSVOA_V
ClientSampleId :
VICV232

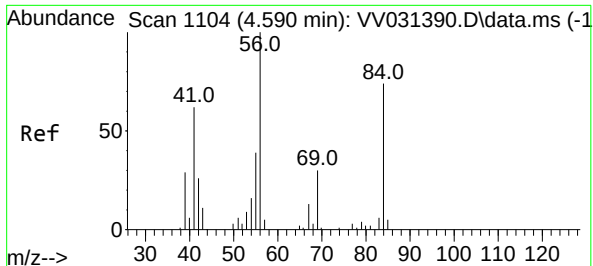
Tgt Ion: 83 Resp: 200083
Ion Ratio Lower Upper
83 100
85 61.9 43.9 81.5



#27
1,2-Dichloroethane
Concen: 51.789 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 62 Resp: 157444
Ion Ratio Lower Upper
62 100
98 8.2 6.2 9.4





#29

Cyclohexane

Concen: 50.845 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

VICV232

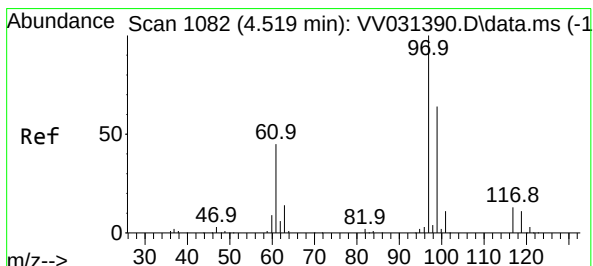
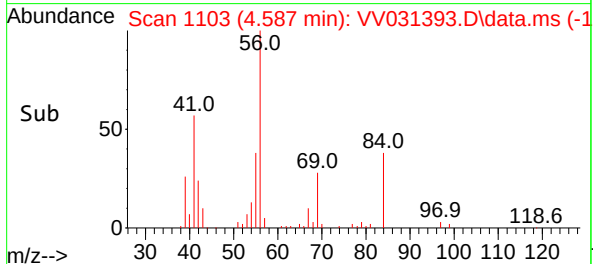
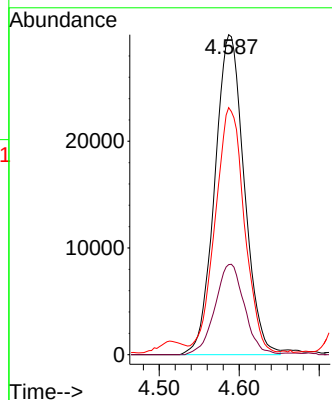
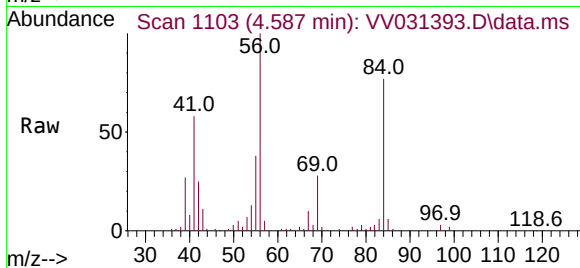
Tgt Ion: 56 Resp: 76748

Ion Ratio Lower Upper

56 100

69 28.1 23.5 35.3

84 76.4 61.3 91.9



#30

1,1,1-Trichloroethane

Concen: 47.826 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.003 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

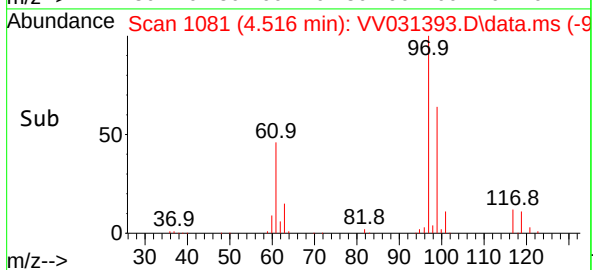
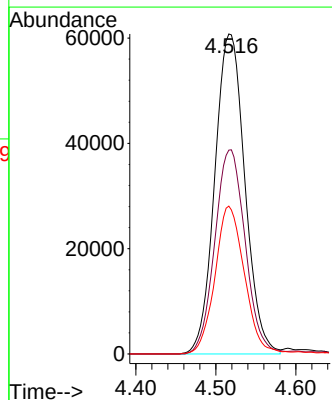
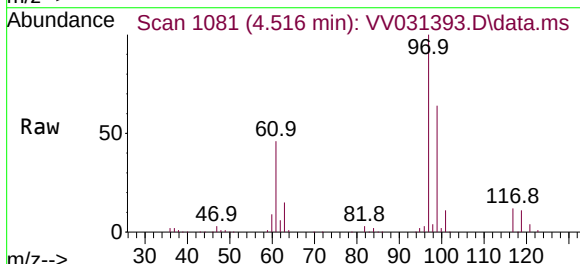
Tgt Ion: 97 Resp: 159108

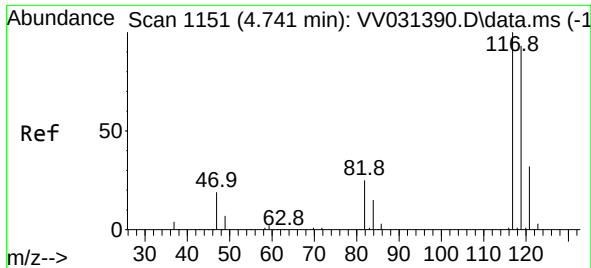
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 45.0 36.1 54.1

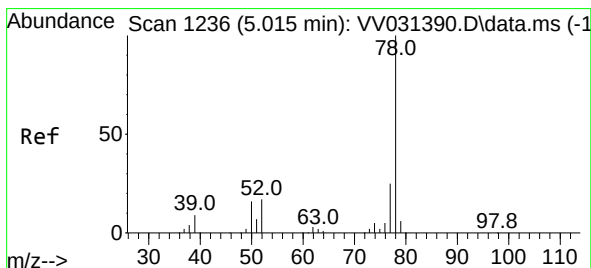
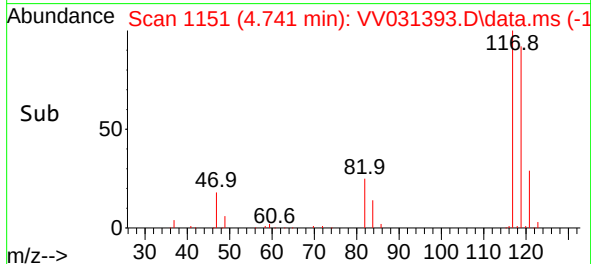
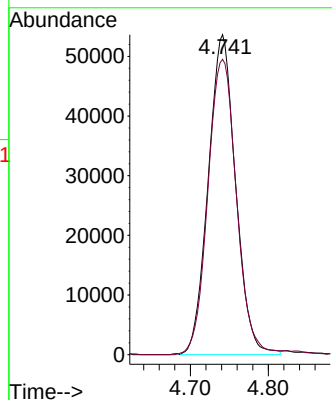
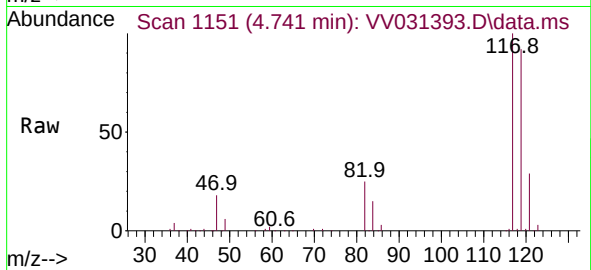




#31
Carbon tetrachloride
Concen: 47.353 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

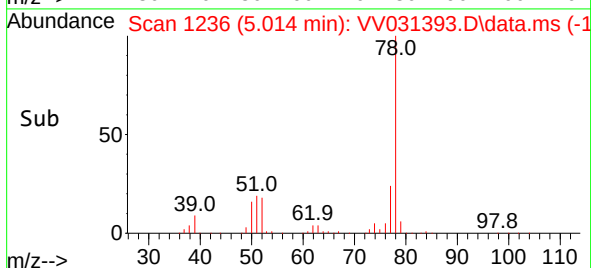
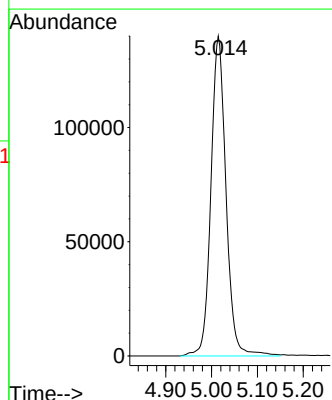
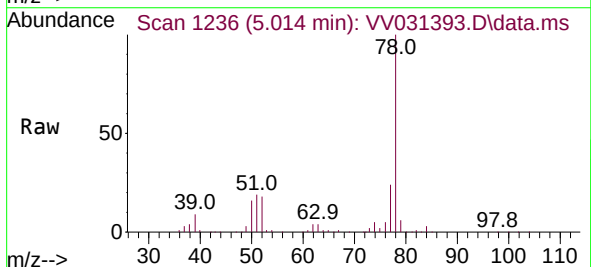
Instrument :
MSVOA_V
ClientSampleId :
VICV232

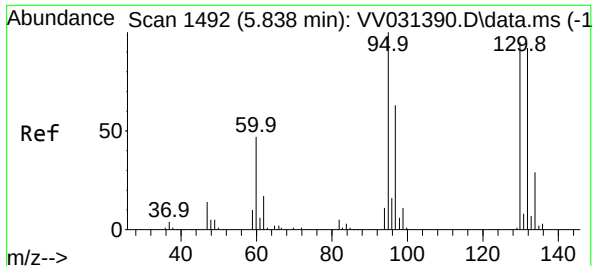
Tgt Ion:117 Resp: 130865
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6



#33
Benzene
Concen: 51.515 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 78 Resp: 320356



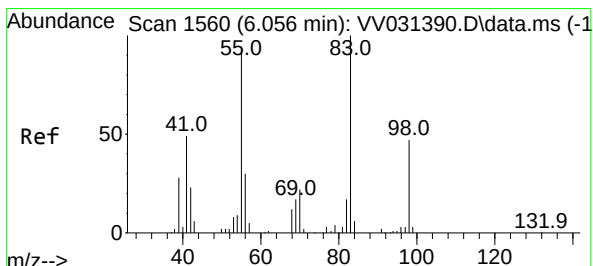
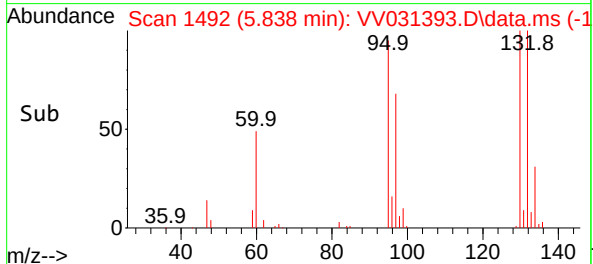
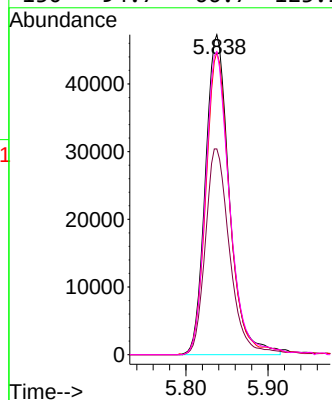
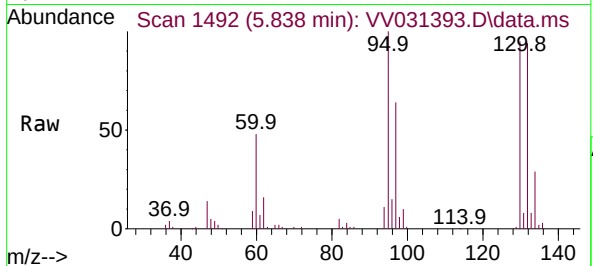


#34
Trichloroethene
Concen: 48.969 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Instrument :
MSVOA_V
ClientSampleId :
VICV232

Tgt Ion: 95 Resp: 95942

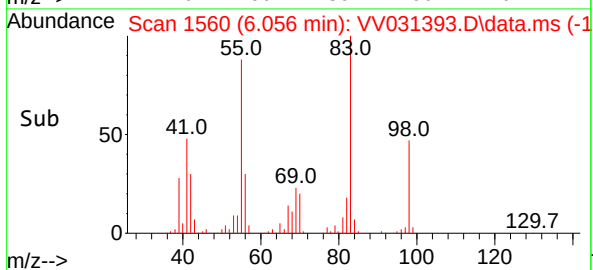
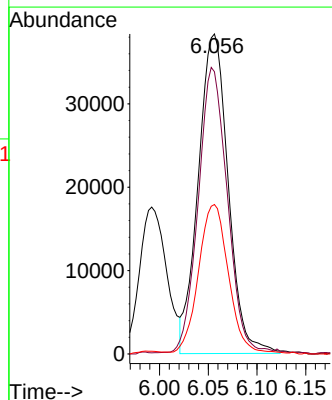
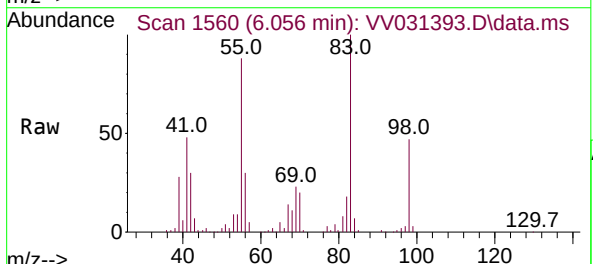
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.2	82.0
132	94.5	64.2	119.2
130	94.7	66.7	123.9

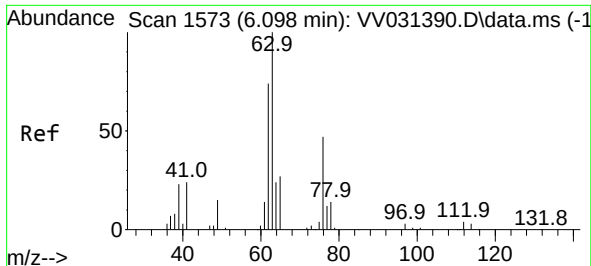


#35
Methylcyclohexane
Concen: 48.954 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 83 Resp: 82030

Ion	Ratio	Lower	Upper
83	100		
55	86.4	73.9	110.9
98	47.1	37.0	55.4





#37

1,2-Dichloropropane

Concen: 48.721 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

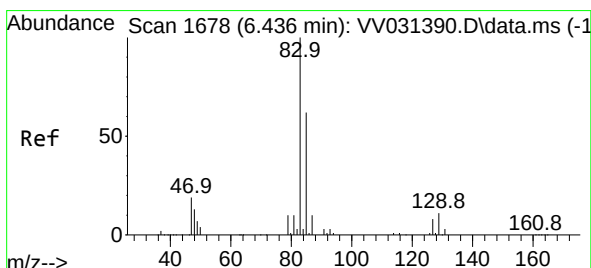
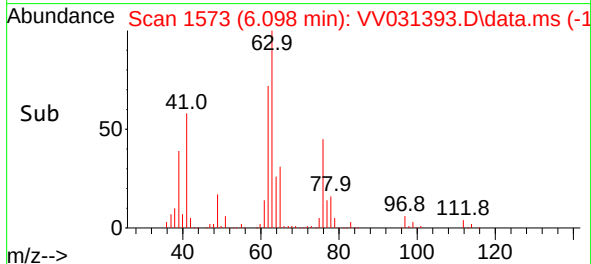
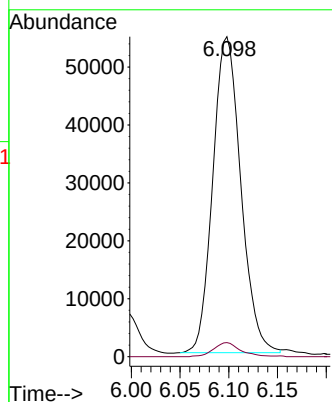
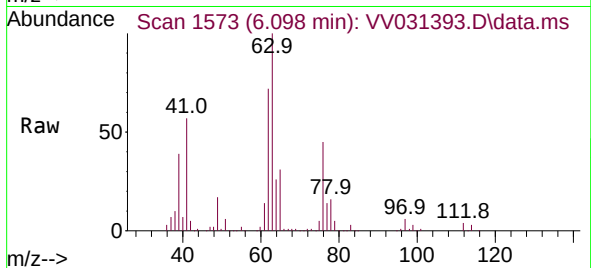
VICV232

Tgt Ion: 63 Resp: 109056

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 49.477 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

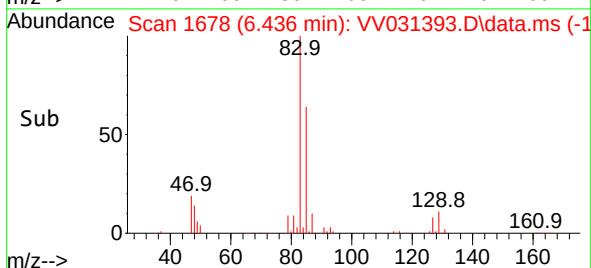
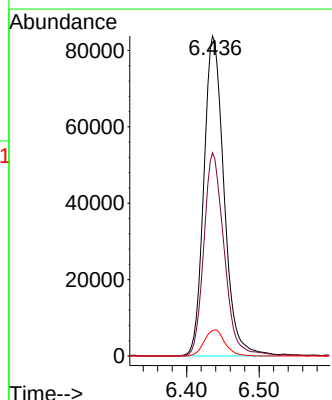
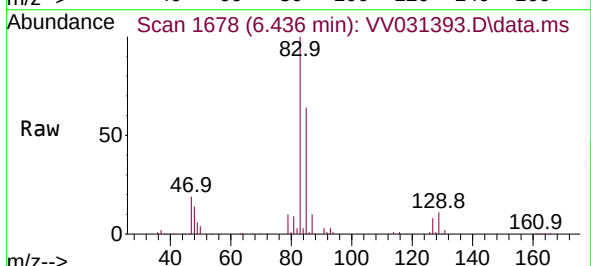
Tgt Ion: 83 Resp: 162094

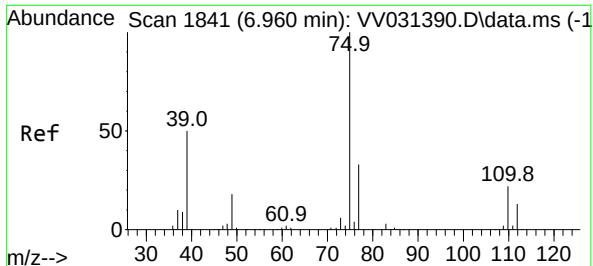
Ion Ratio Lower Upper

83 100

85 63.5 43.2 80.2

127 7.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 53.044 ug/L

RT: 6.957 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

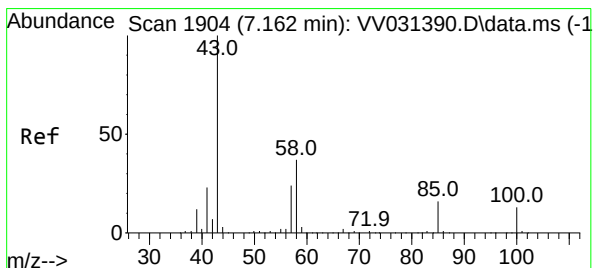
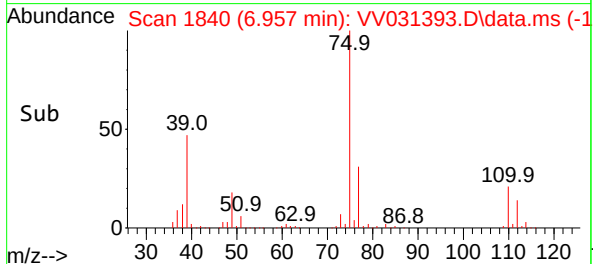
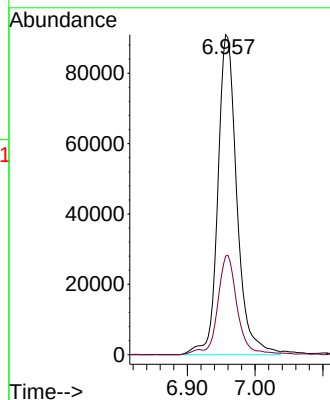
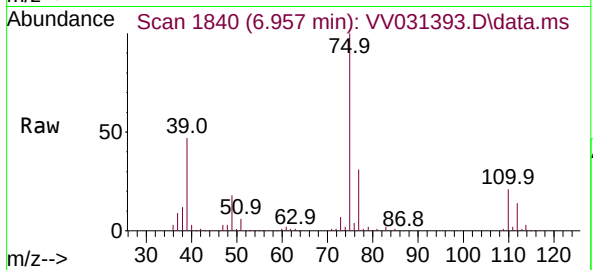
VICV232

Tgt Ion: 75 Resp: 177387

Ion Ratio Lower Upper

75 100

77 30.8 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 111.389 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

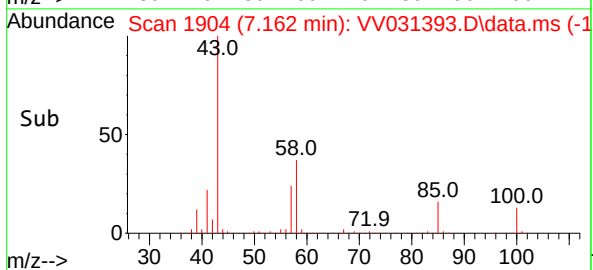
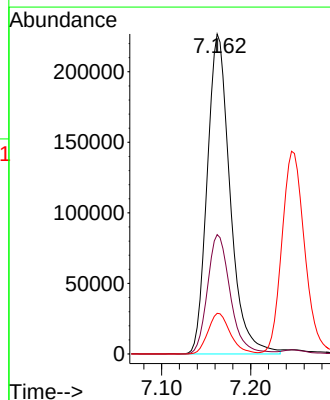
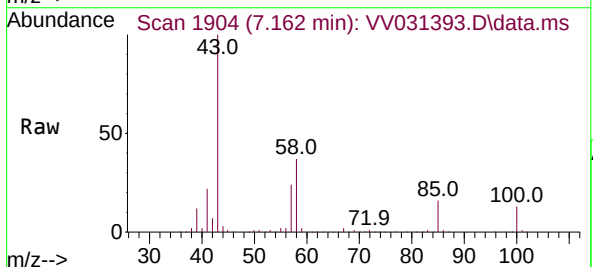
Tgt Ion: 43 Resp: 405026

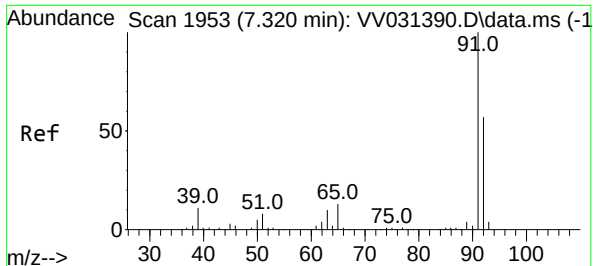
Ion Ratio Lower Upper

43 100

58 37.2 29.9 44.9

100 12.4 10.3 15.5





#42

Toluene

Concen: 50.953 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

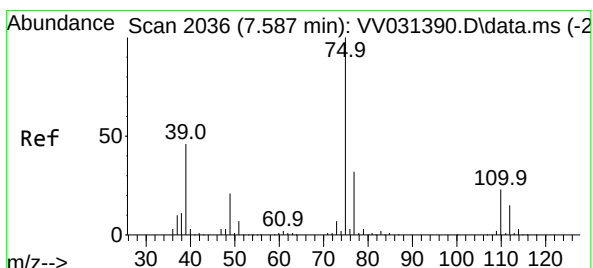
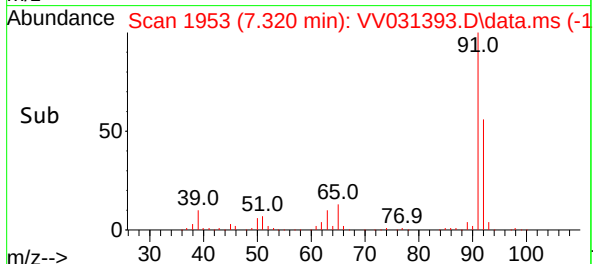
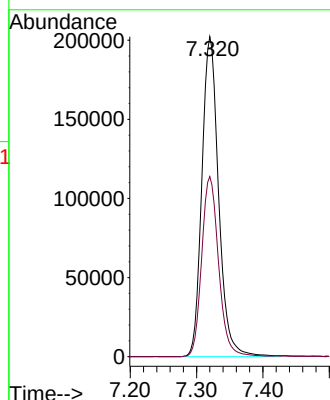
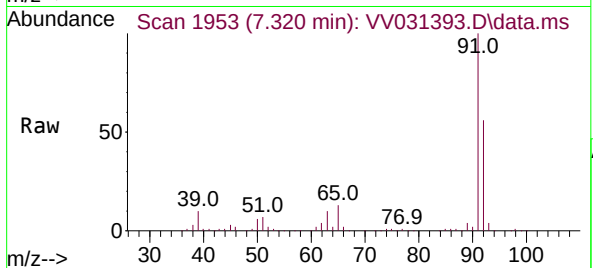
VICV232

Tgt Ion: 91 Resp: 354663

Ion Ratio Lower Upper

91 100

92 56.3 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 53.359 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV031393.D

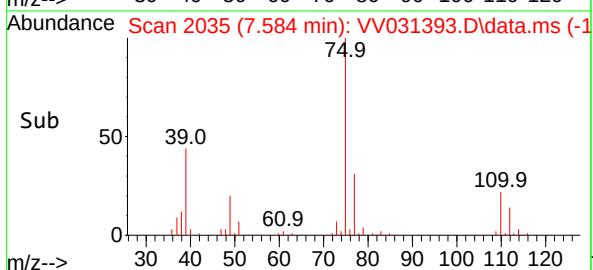
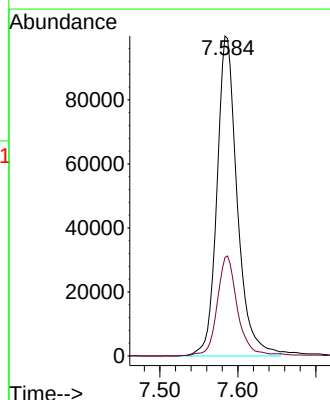
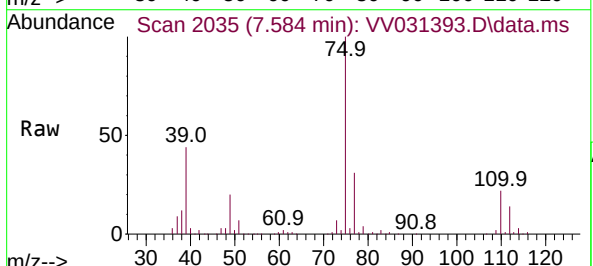
Acq: 07 Jun 2023 12:28

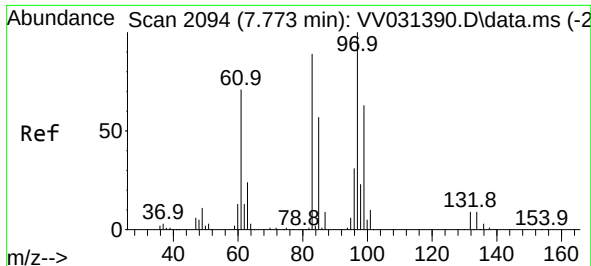
Tgt Ion: 75 Resp: 180992

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



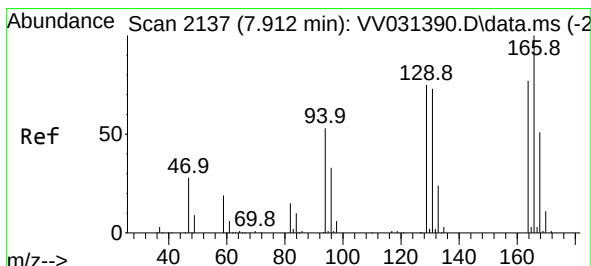
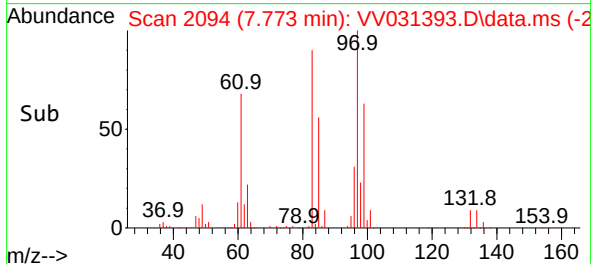
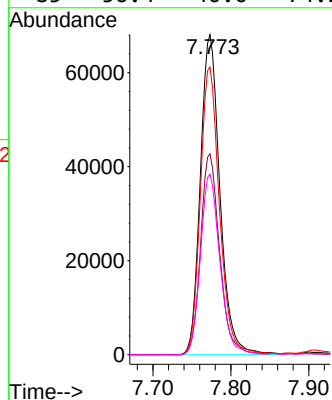
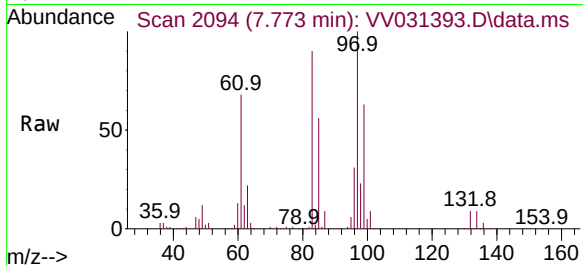


#45
1,1,2-Trichloroethane
Concen: 51.383 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Instrument :
MSVOA_V
ClientSampleId :
VICV232

Tgt Ion: 97 Resp: 118882

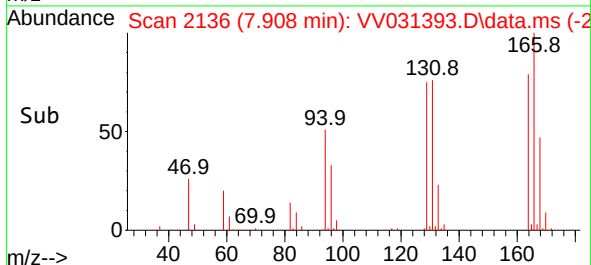
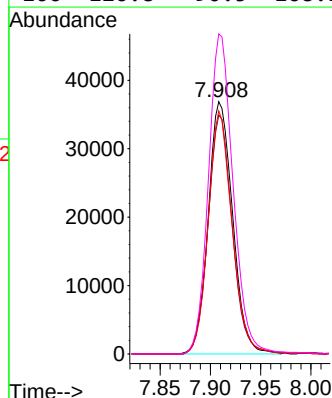
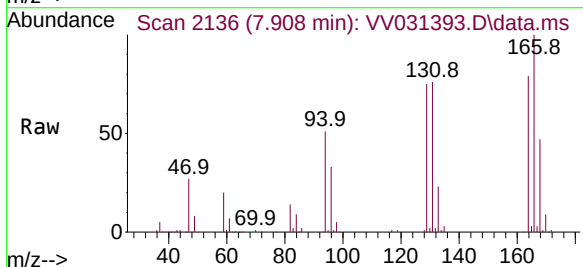
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.4
83	89.9	61.9	115.1
85	56.4	40.0	74.2

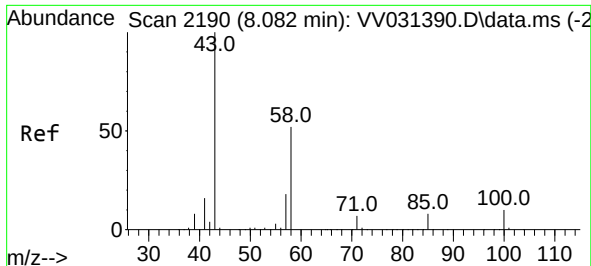


#46
Tetrachloroethene
Concen: 48.986 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 164 Resp: 62306

Ion	Ratio	Lower	Upper
164	100		
129	94.7	68.0	126.4
131	96.3	65.5	121.7
166	126.8	90.5	168.1



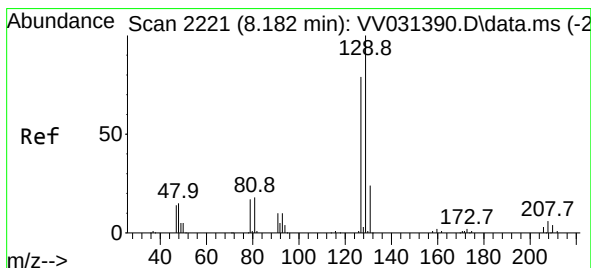
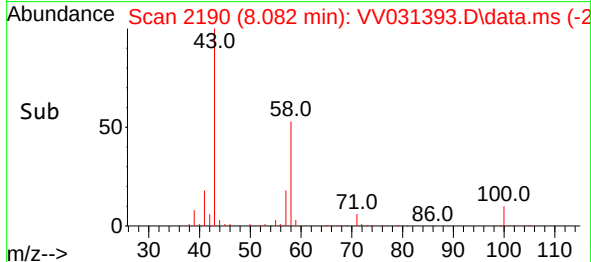
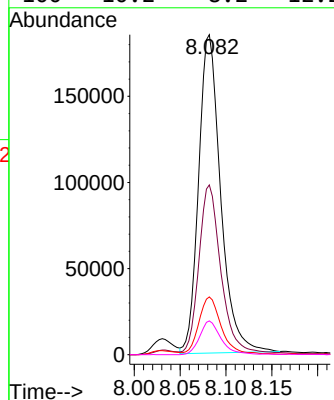
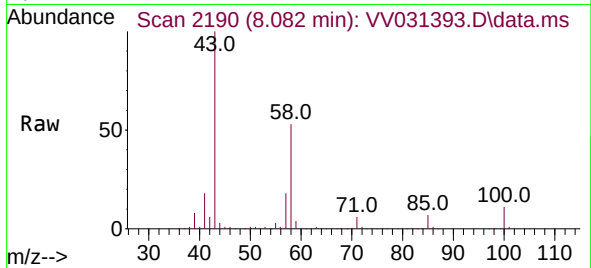


#48
2-Hexanone
Concen: 108.767 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Instrument :
MSVOA_V
ClientSampleId :
VICV232

Tgt Ion: 43 Resp: 309569

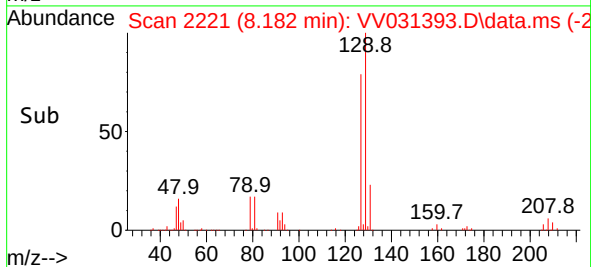
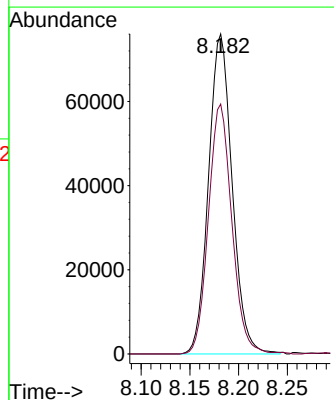
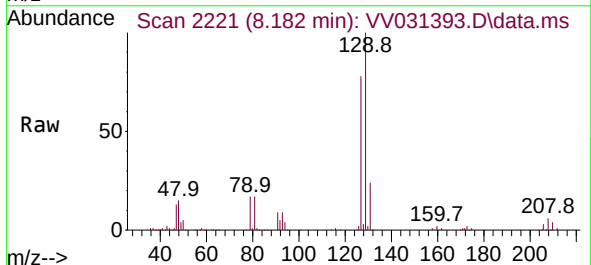
Ion	Ratio	Lower	Upper
43	100		
58	53.5	42.9	64.3
57	18.4	14.6	22.0
100	10.2	8.2	12.2

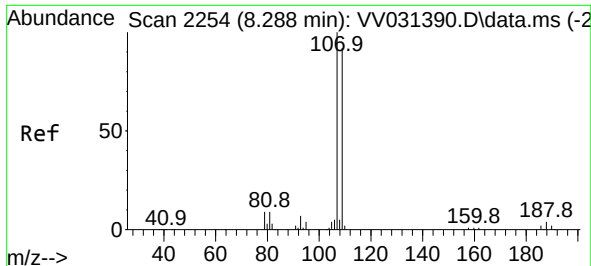


#49
Dibromochloromethane
Concen: 50.886 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 129 Resp: 128428

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.5	103.1





#50

1,2-Dibromoethane

Concen: 50.963 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

VICV232

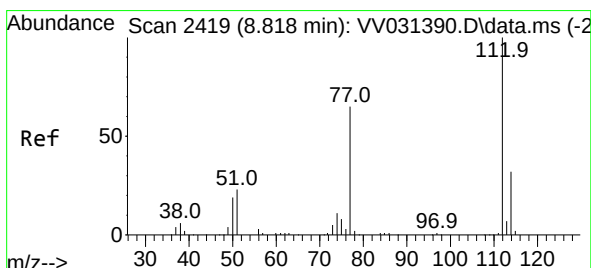
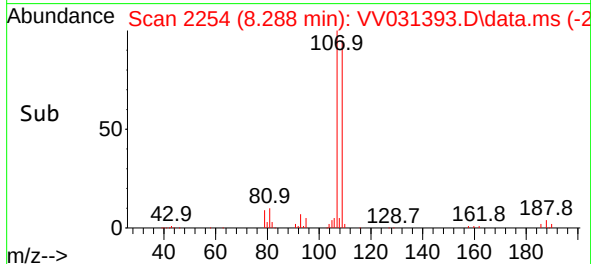
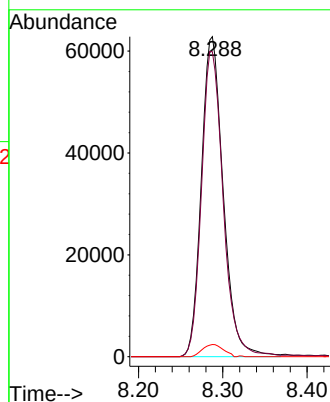
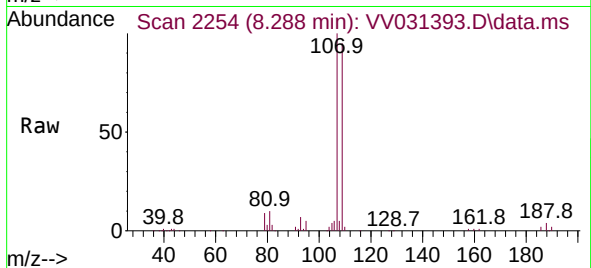
Tgt Ion:107 Resp: 113514

Ion Ratio Lower Upper

107 100

109 95.3 64.1 119.1

188 4.0 3.3 4.9



#51

Chlorobenzene

Concen: 48.536 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

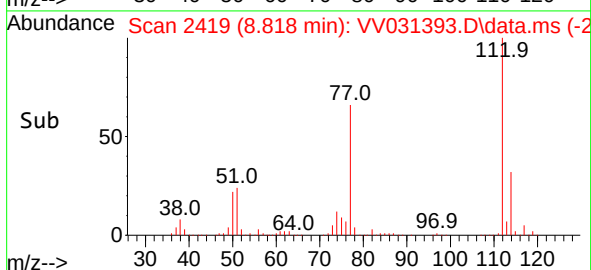
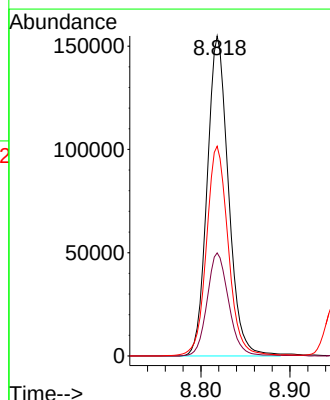
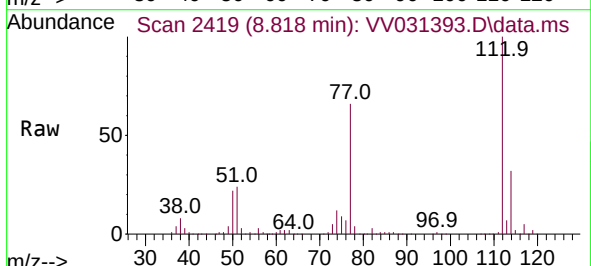
Tgt Ion:112 Resp: 256880

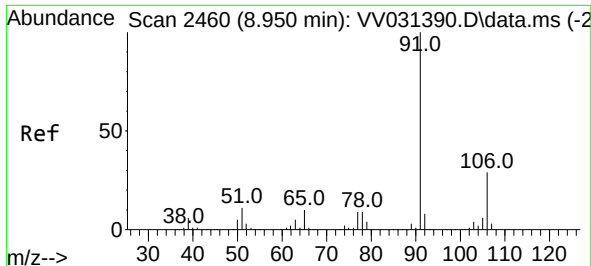
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 65.6 52.4 78.6





#52

Ethylbenzene

Concen: 50.679 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

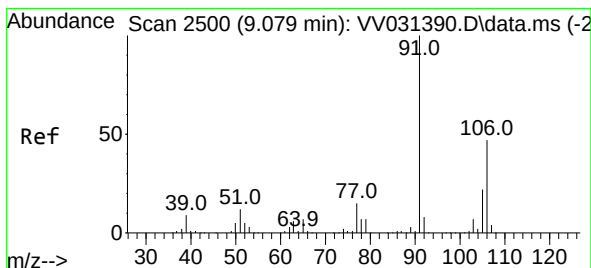
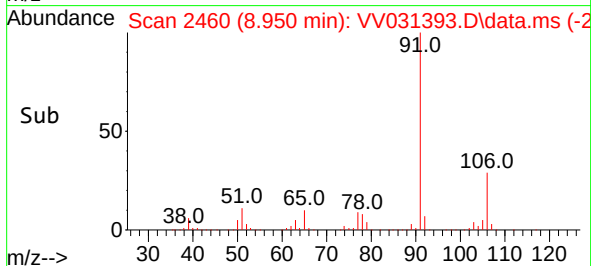
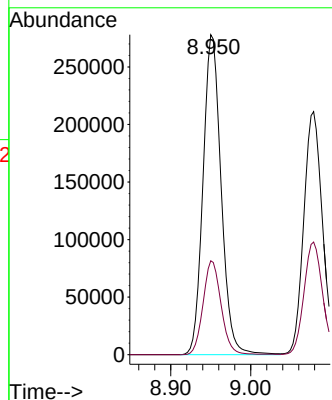
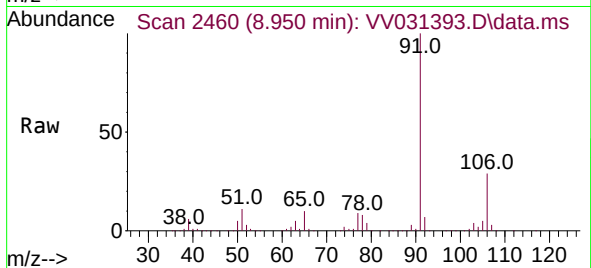
VICV232

Tgt Ion: 91 Resp: 439024

Ion Ratio Lower Upper

91 100

106 29.3 20.4 38.0



#53

m,p-Xylene

Concen: 51.508 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.000 min

Lab File: VV031393.D

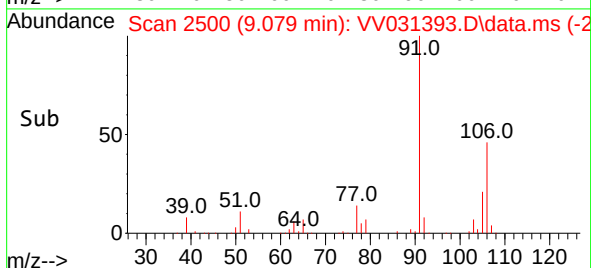
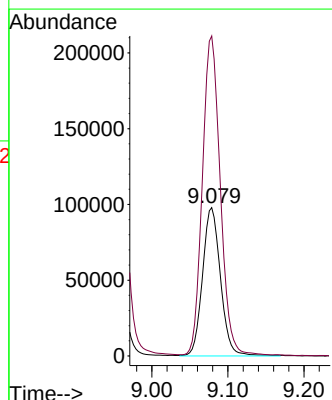
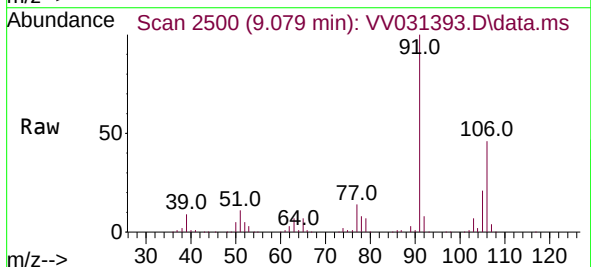
Acq: 07 Jun 2023 12:28

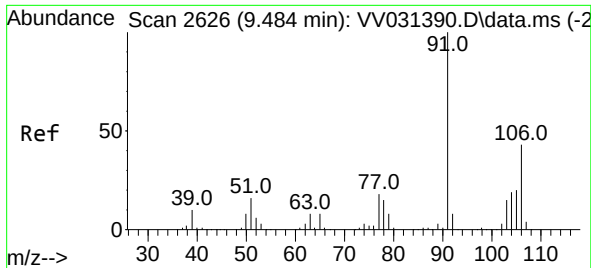
Tgt Ion:106 Resp: 160795

Ion Ratio Lower Upper

106 100

91 215.7 149.4 277.5

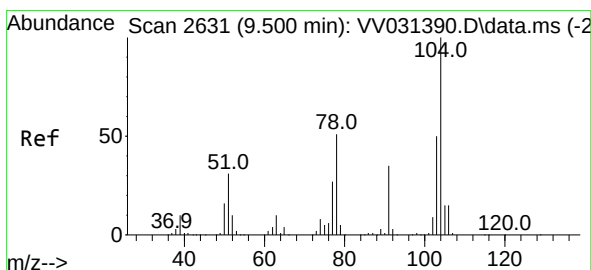
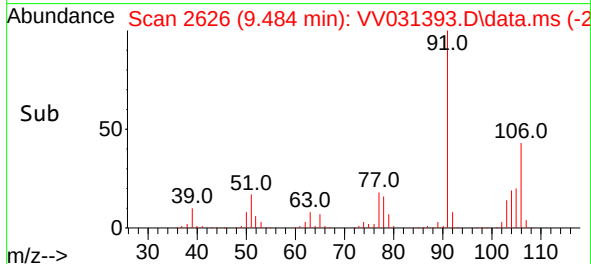
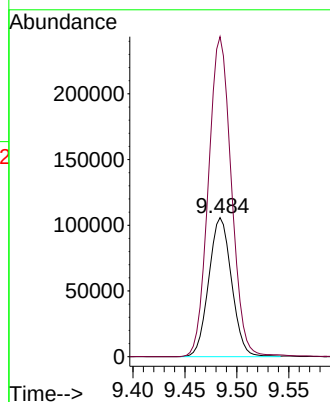
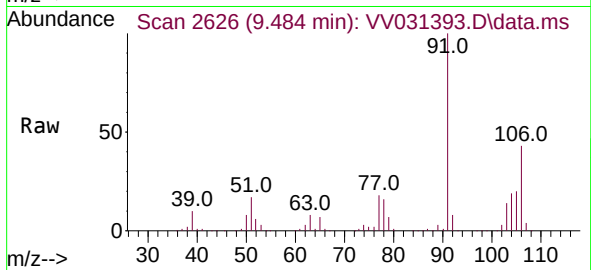




#54
o-Xylene
Concen: 51.456 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

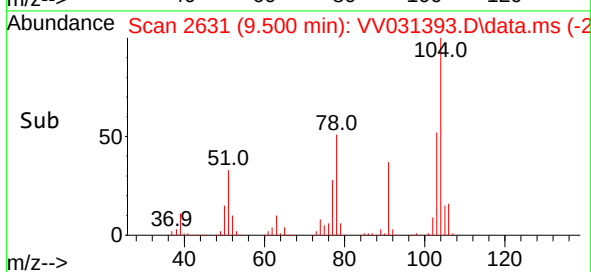
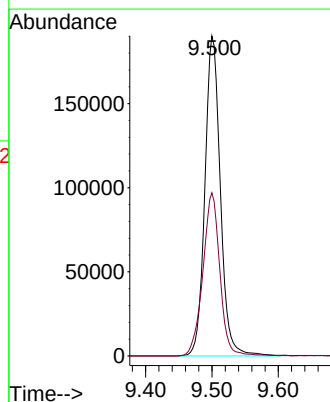
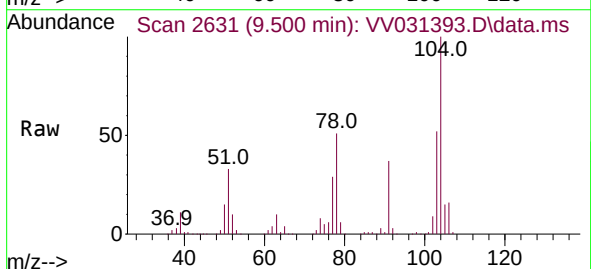
Instrument :
MSVOA_V
ClientSampleId :
VICV232

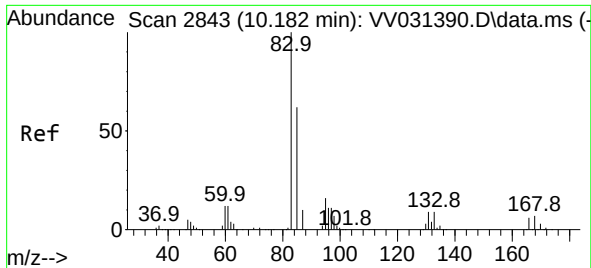
Tgt Ion:106 Resp: 162045
Ion Ratio Lower Upper
106 100
91 230.0 163.8 304.2



#55
Styrene
Concen: 53.787 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion:104 Resp: 308812
Ion Ratio Lower Upper
104 100
78 51.0 35.9 66.7





#57

1,1,2,2-Tetrachloroethane

Concen: 51.386 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

VICV232

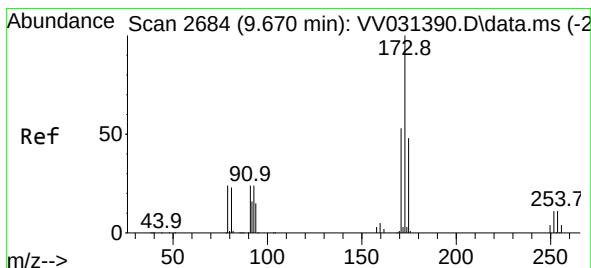
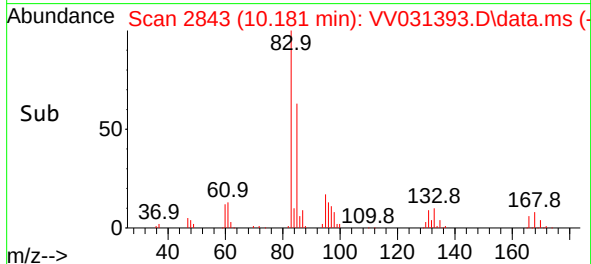
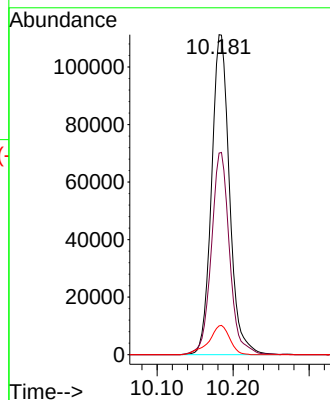
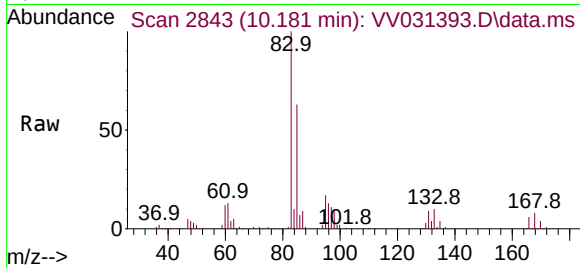
Tgt Ion: 83 Resp: 182247

Ion Ratio Lower Upper

83 100

85 63.0 43.7 81.1

131 9.0 7.3 10.9



#59

Bromoform

Concen: 50.986 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

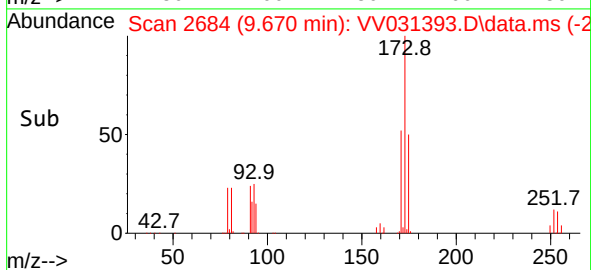
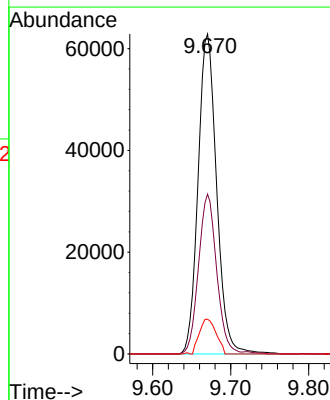
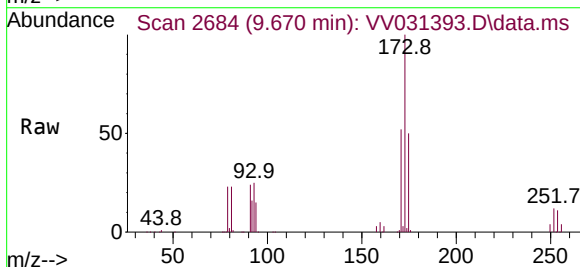
Tgt Ion: 173 Resp: 103987

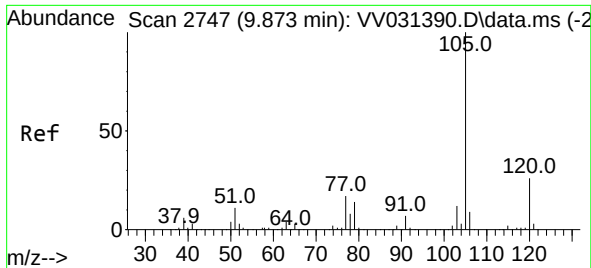
Ion Ratio Lower Upper

173 100

175 48.7 38.8 58.2

254 9.8 8.7 13.1

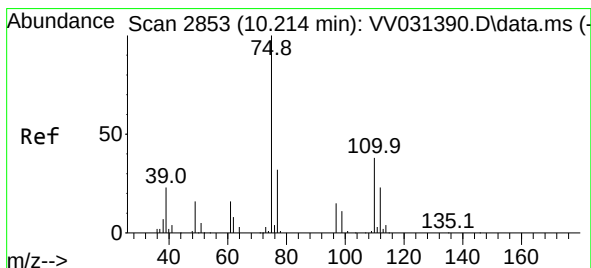
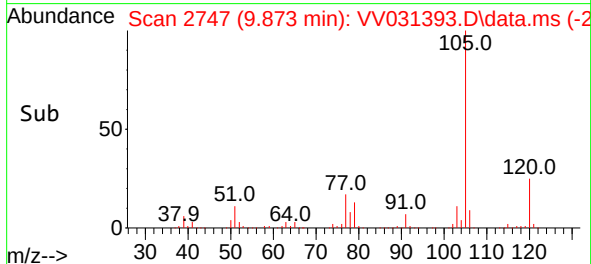
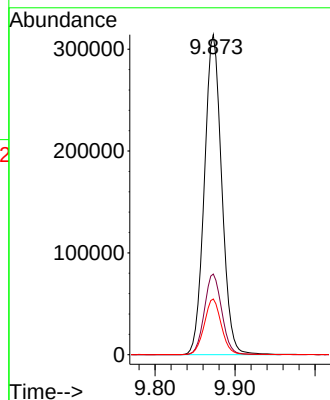
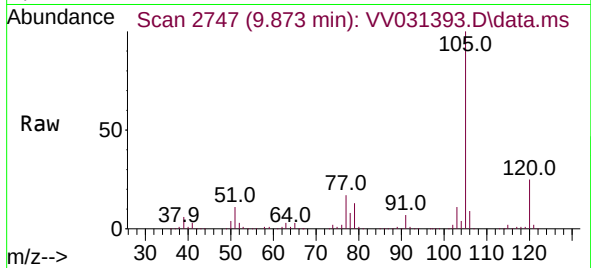




#60
Isopropylbenzene
Concen: 52.285 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

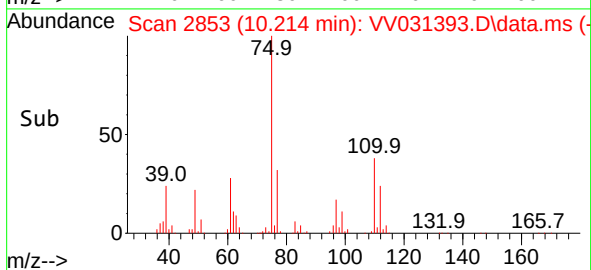
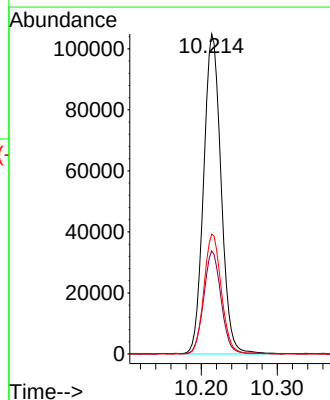
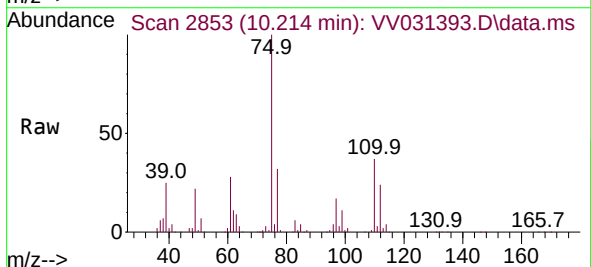
Instrument :
MSVOA_V
ClientSampleId :
VICV232

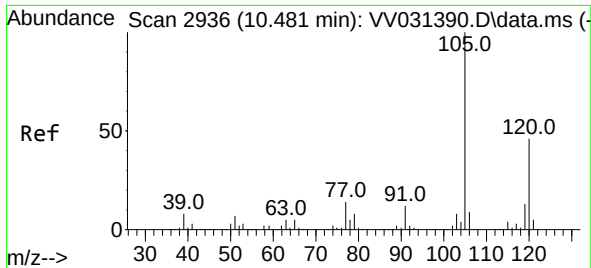
Tgt Ion:105 Resp: 475554
Ion Ratio Lower Upper
105 100
120 25.2 20.6 30.8
77 17.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 51.805 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion: 75 Resp: 166926
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
110 37.2 29.5 44.3

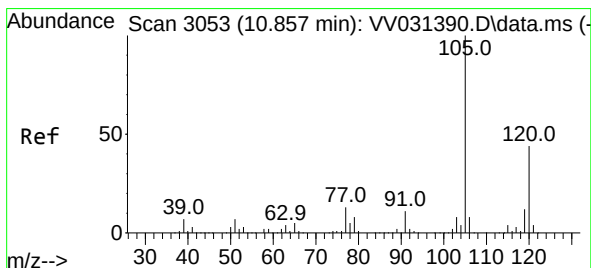
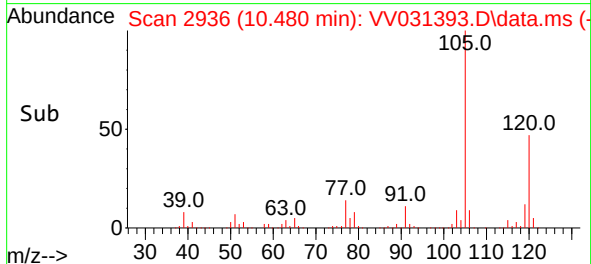
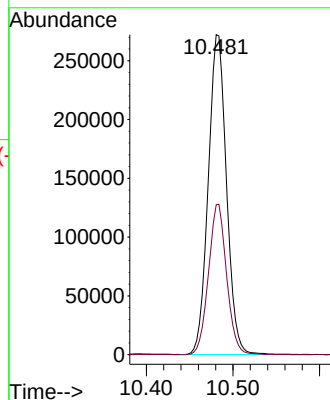
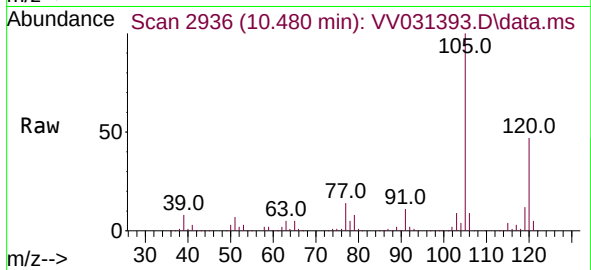




#62
 1,3,5-Trimethylbenzene
 Concen: 52.986 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV031393.D
 Acq: 07 Jun 2023 12:28

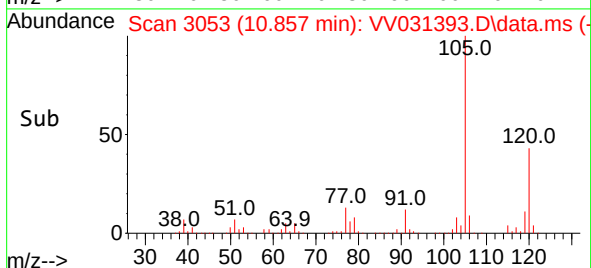
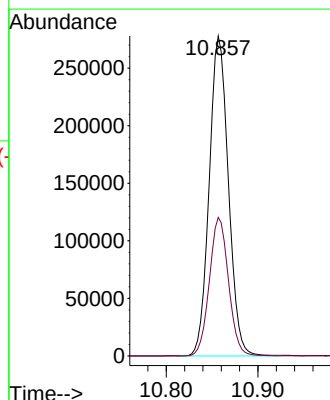
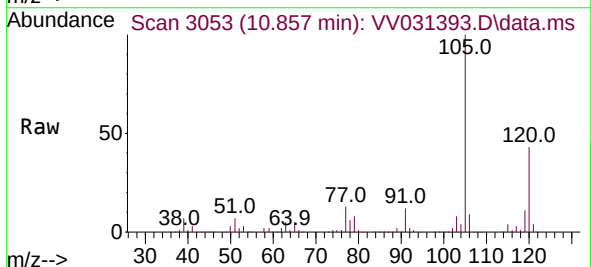
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV232

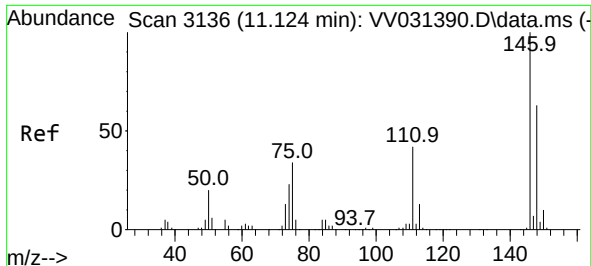
Tgt Ion:105 Resp: 398015
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.8 55.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.804 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. -0.000 min
 Lab File: VV031393.D
 Acq: 07 Jun 2023 12:28

Tgt Ion:105 Resp: 404546
 Ion Ratio Lower Upper
 105 100
 120 43.2 35.0 52.4

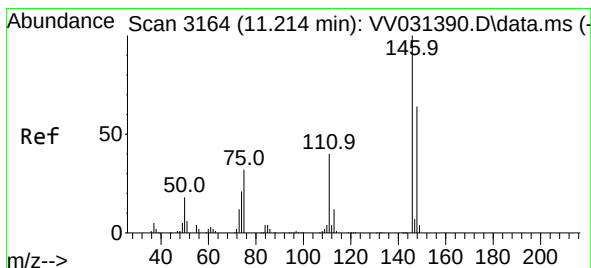
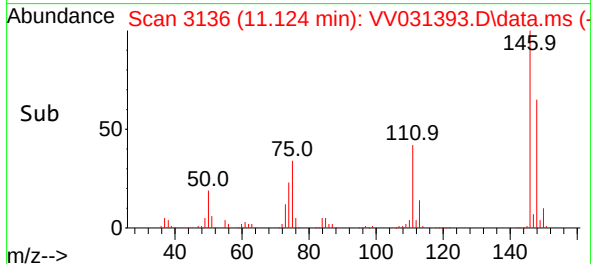
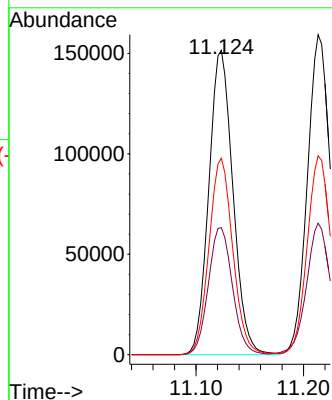
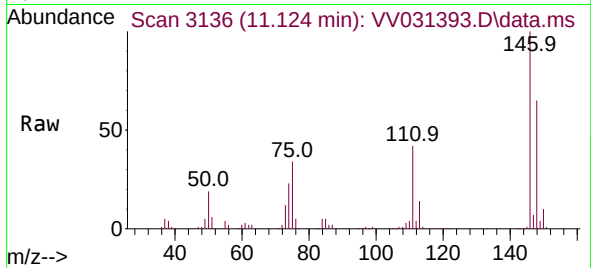




#64
1,3-Dichlorobenzene
Concen: 50.751 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

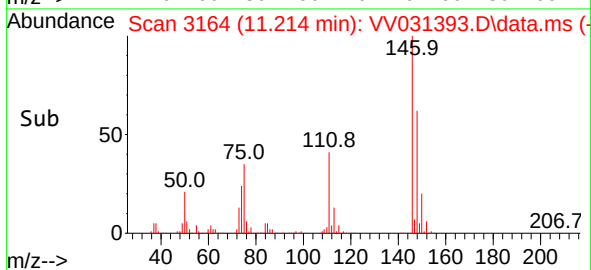
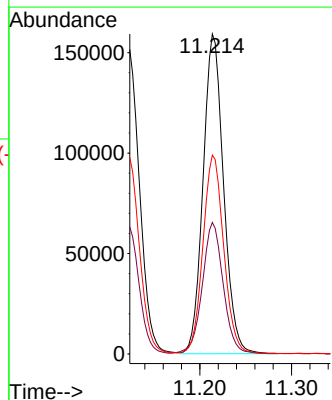
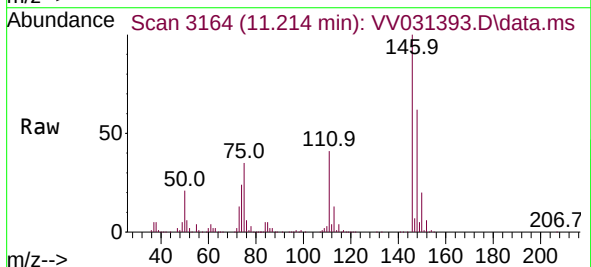
Instrument :
MSVOA_V
ClientSampleId :
VICV232

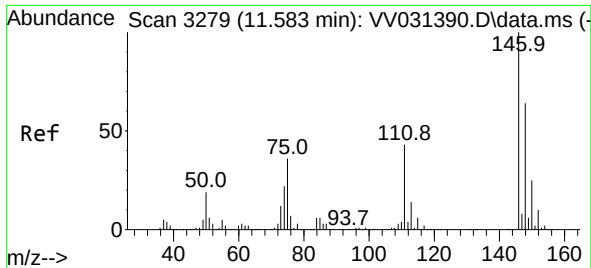
Tgt Ion:146 Resp: 236273
Ion Ratio Lower Upper
146 100
111 41.7 29.3 54.5
148 64.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.195 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion:146 Resp: 247175
Ion Ratio Lower Upper
146 100
111 41.1 28.1 52.3
148 62.2 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 50.642 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

VICV232

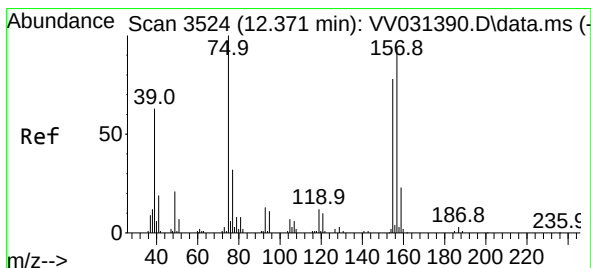
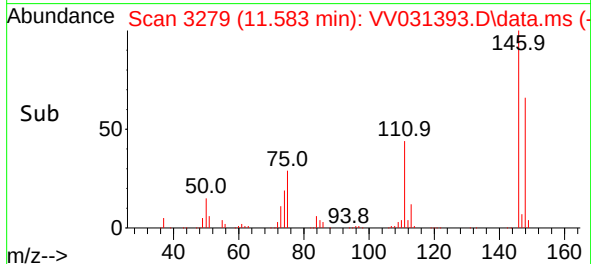
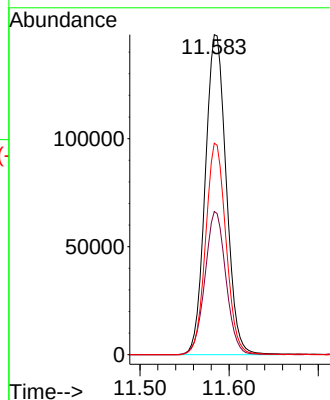
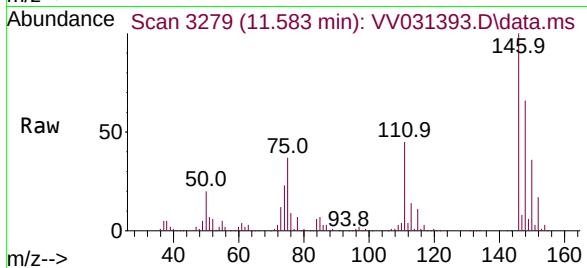
Tgt Ion:146 Resp: 241690

Ion Ratio Lower Upper

146 100

111 44.7 34.5 51.7

148 66.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 54.498 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

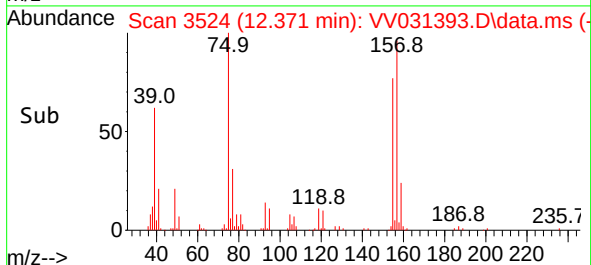
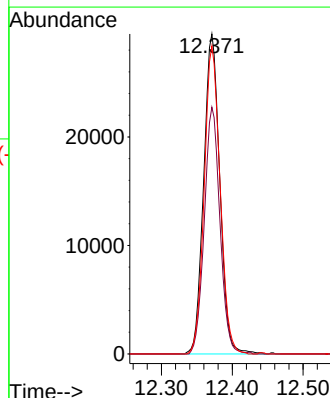
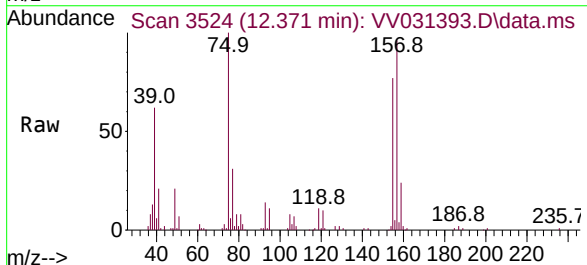
Tgt Ion: 75 Resp: 46545

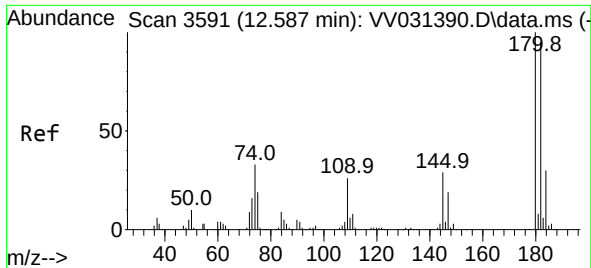
Ion Ratio Lower Upper

75 100

155 77.1 62.1 93.1

157 96.2 74.9 112.3

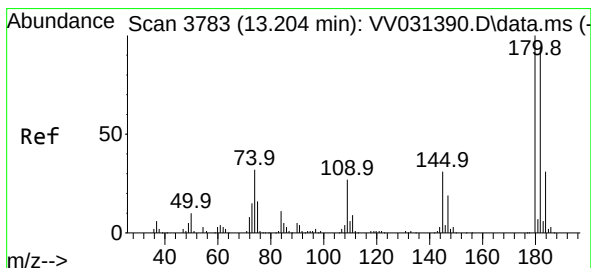
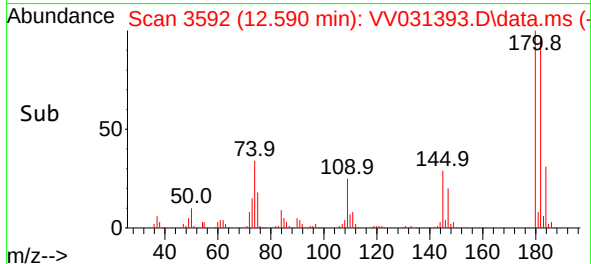
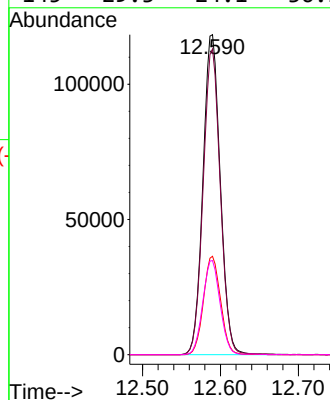
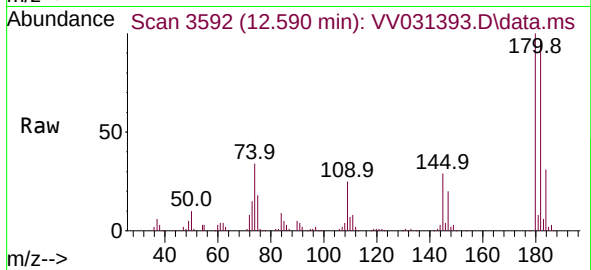




#69
1,3,5-Trichlorobenzene
Concen: 50.986 ug/L
RT: 12.590 min Scan# 3591
Delta R.T. 0.003 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

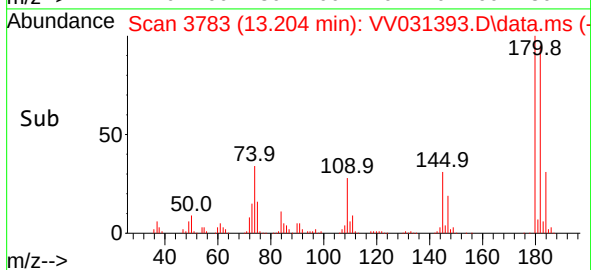
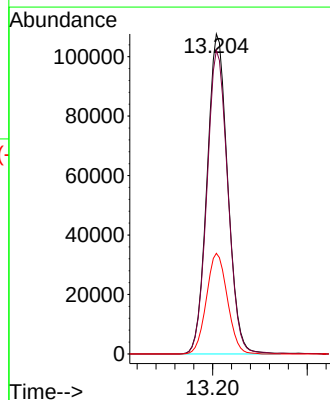
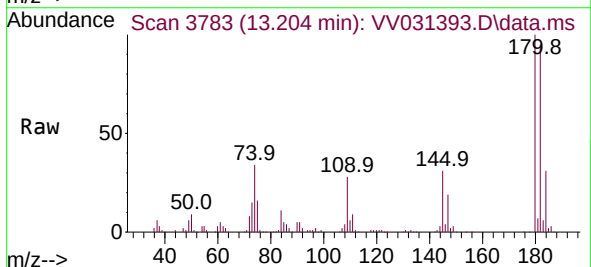
Instrument :
MSVOA_V
ClientSampleId :
VICV232

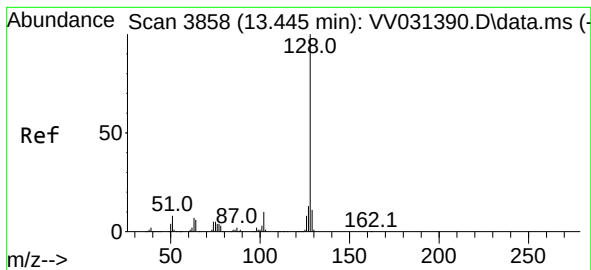
Tgt Ion:180 Resp: 182749
Ion Ratio Lower Upper
180 100
182 94.3 75.7 113.5
184 30.3 23.9 35.9
145 29.3 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 53.474 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. -0.000 min
Lab File: VV031393.D
Acq: 07 Jun 2023 12:28

Tgt Ion:180 Resp: 163515
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.6
145 31.8 24.2 36.2





#71

Naphthalene

Concen: 58.464 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

VICV232

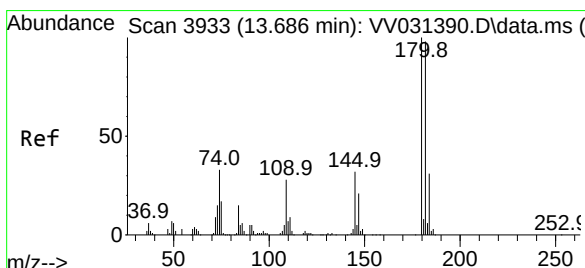
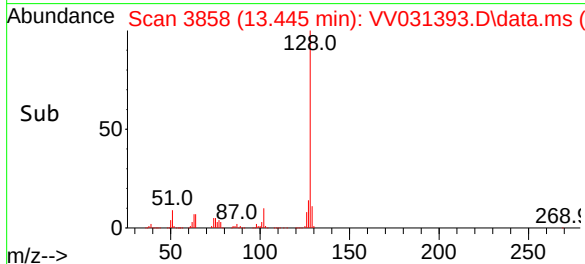
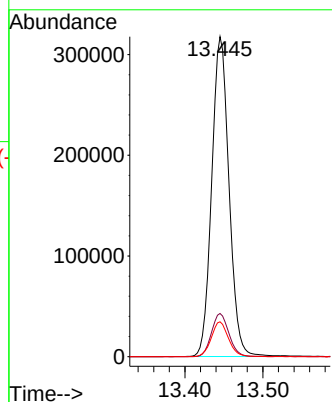
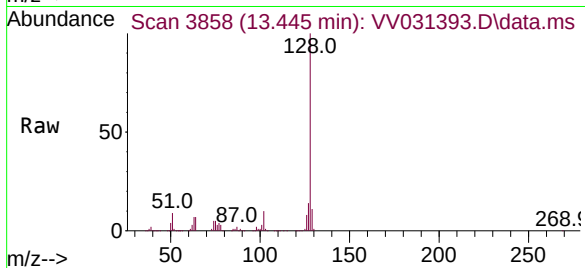
Tgt Ion:128 Resp: 489987

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 54.777 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. -0.000 min

Lab File: VV031393.D

Acq: 07 Jun 2023 12:28

Tgt Ion:180 Resp: 167891

Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.2

145 32.3 25.6 38.4

