

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030583.D
 Acq On : 17 Apr 2023 12:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV220

Quant Time: Apr 18 02:39:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:32:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	292290	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	281012	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	159157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	99523	46.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.900%
7) Chloroethane-d5	1.539	69	78240	43.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.140%
11) 1,1-Dichloroethene-d2	2.063	65	45622	44.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.800%
21) 2-Butanone-d5	3.802	46	134617	114.382	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.380%
24) Chloroform-d	4.259	84	183780	47.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
26) 1,2-Dichloroethane-d4	4.950	65	120929	48.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
32) Benzene-d6	4.969	84	336056	50.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.160%
36) 1,2-Dichloropropane-d6	5.995	67	103463	50.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.260%
41) Toluene-d8	7.249	98	316049	50.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.340%
43) trans-1,3-Dichloroprop...	7.558	79	53633	51.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.120%
47) 2-Hexanone-d5	8.034	63	87945	108.173	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.170%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	148784	49.683	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.360%
66) 1,2-Dichlorobenzene-d4	11.570	152	127922	50.567	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	115449	45.940	ug/L	99
3) Chloromethane	1.217	50	150507	45.656	ug/L	99
5) Vinyl chloride	1.288	62	122239	45.994	ug/L	98
6) Bromomethane	1.494	94	50350	47.777	ug/L	100
8) Chloroethane	1.555	64	78683	43.164	ug/L	99
9) Trichlorofluoromethane	1.716	101	192818	44.764	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	103938	45.914	ug/L	97
12) 1,1-Dichloroethene	2.076	96	92613	45.251	ug/L	96
13) Acetone	2.134	43	153204	84.125	ug/L	100
14) Carbon disulfide	2.246	76	273866	47.375	ug/L	98
15) Methyl Acetate	2.381	43	128727	52.967	ug/L	99
16) Methylene chloride	2.455	84	111331	47.535	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	98995	47.913	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	354015	53.493	ug/L	99
19) 1,1-Dichloroethane	3.117	63	200498	47.596	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	113427	50.467	ug/L	97
22) 2-Butanone	3.883	43	184660	98.120	ug/L	100
23) Bromochloromethane	4.156	128	60875	48.495	ug/L	95
25) Chloroform	4.285	83	209916	48.145	ug/L	100

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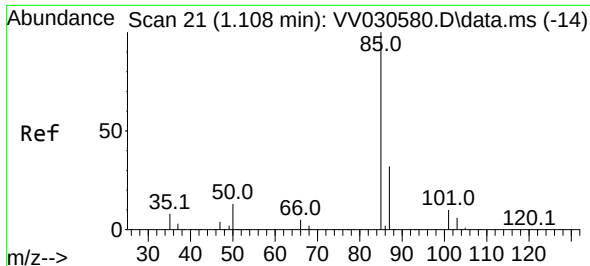
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	181795	49.256	ug/L	99
29) Cyclohexane	4.593	56	170340	50.512	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	184543	46.736	ug/L	99
31) Carbon tetrachloride	4.744	117	160670	45.511	ug/L	97
33) Benzene	5.018	78	426640	49.996	ug/L	100
34) Trichloroethene	5.841	95	108958	49.088	ug/L	98
35) Methylcyclohexane	6.059	83	175373	50.424	ug/L	99
37) 1,2-Dichloropropane	6.101	63	111305	48.460	ug/L	100
38) Bromodichloromethane	6.439	83	158622	49.163	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	182377	52.905	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	350753	109.323	ug/L	100
42) Toluene	7.323	91	456316	49.924	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	178811	52.797	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	113845	49.431	ug/L	98
46) Tetrachloroethene	7.911	164	93325	48.035	ug/L	97
48) 2-Hexanone	8.082	43	278567	105.226	ug/L	99
49) Dibromochloromethane	8.185	129	121851	47.965	ug/L	99
50) 1,2-Dibromoethane	8.288	107	120561	50.521	ug/L	99
51) Chlorobenzene	8.821	112	295375	48.795	ug/L	97
52) Ethylbenzene	8.953	91	504938	49.901	ug/L	98
53) m,p-Xylene	9.079	106	193360	50.590	ug/L	99
54) o-Xylene	9.487	106	183680	49.124	ug/L	98
55) Styrene	9.503	104	332433	50.614	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	186986	49.450	ug/L	99
59) Bromoform	9.673	173	99662	50.015	ug/L	99
60) Isopropylbenzene	9.876	105	507810	51.160	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	145237	50.950	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	419133	51.286	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	425265	52.117	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	255365	51.387	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	253204	50.506	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	43063	50.989	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	196627	52.378	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	178339	55.952	ug/L	99
71) Naphthalene	13.448	128	559373	64.156	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	182524	57.750	ug/L	99

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

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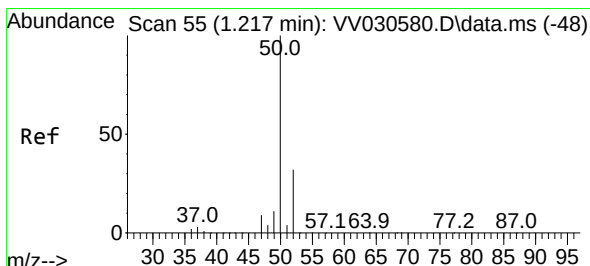
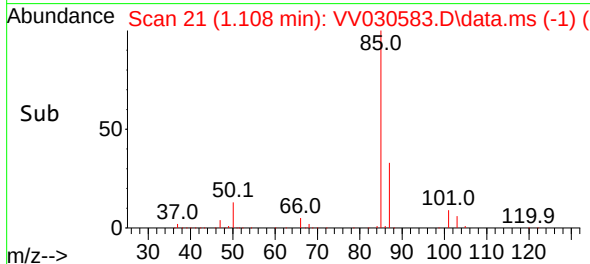
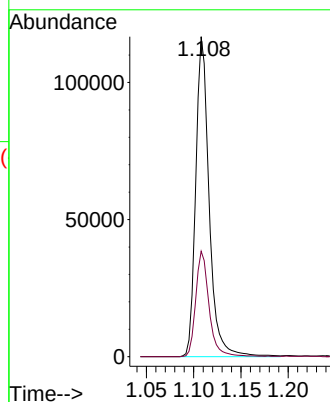
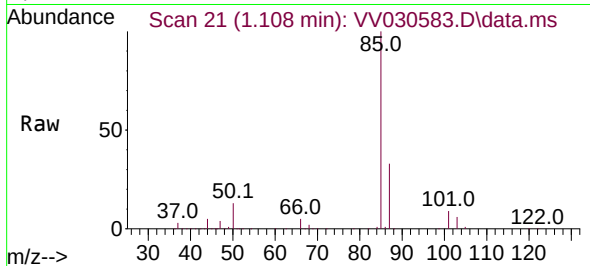




#2
 Dichlorodifluoromethane
 Concen: 45.940 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

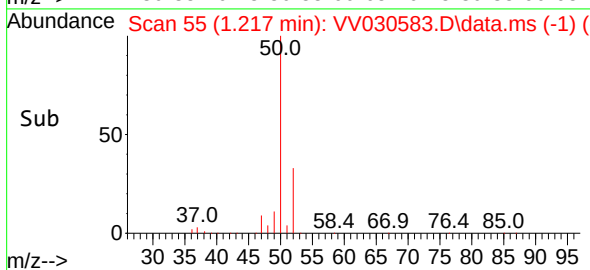
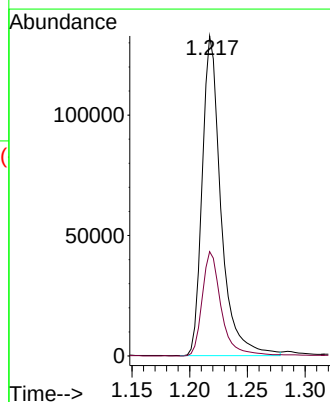
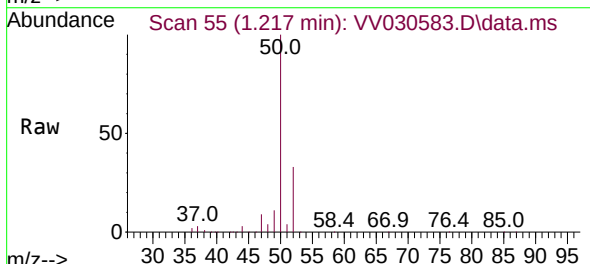
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 MSVOA_V
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 VICV220

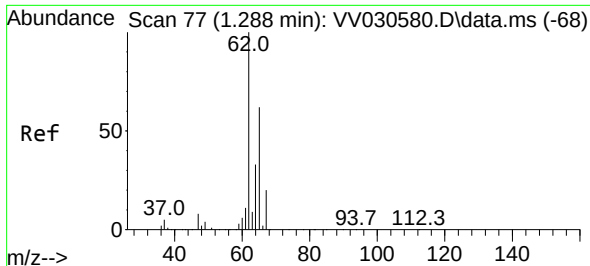
Tgt Ion: 85 Resp: 115449
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 45.656 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

Tgt Ion: 50 Resp: 150507
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.9

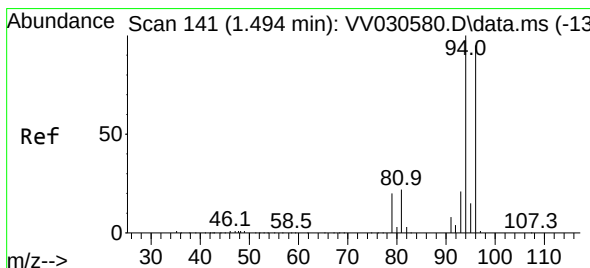
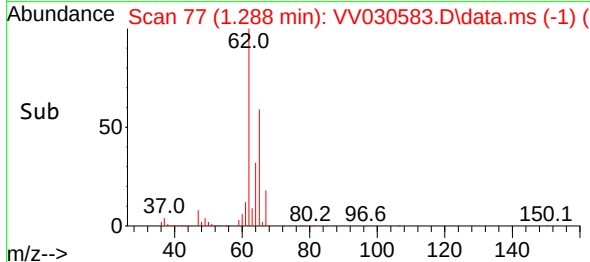
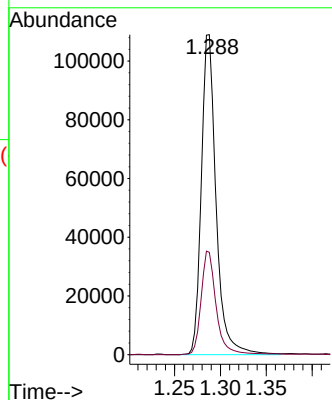
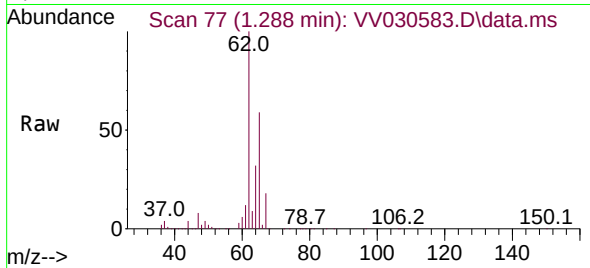




#5
 Vinyl chloride
 Concen: 45.994 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

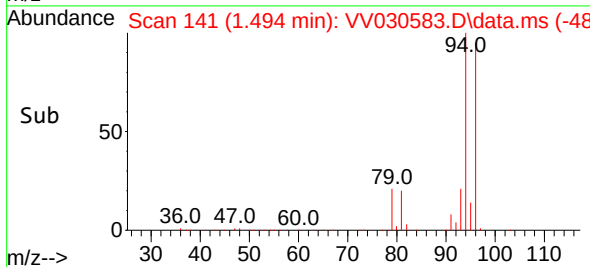
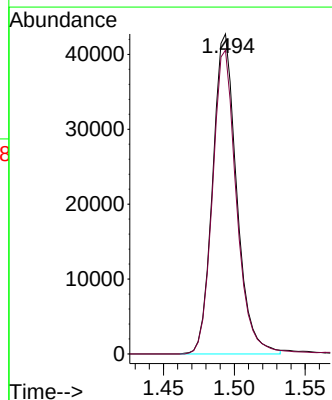
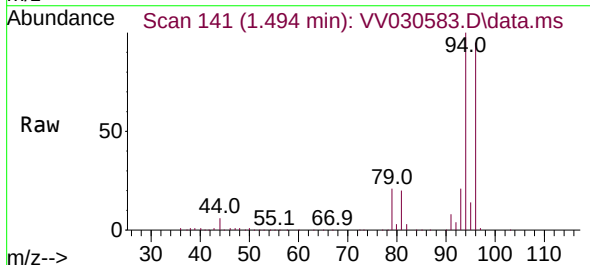
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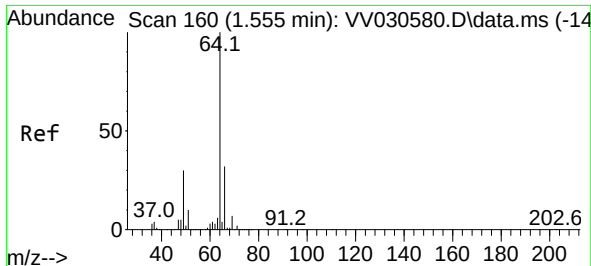
Tgt Ion: 62 Resp: 122239
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.4



#6
 Bromomethane
 Concen: 47.777 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

Tgt Ion: 94 Resp: 50350
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.3 123.1

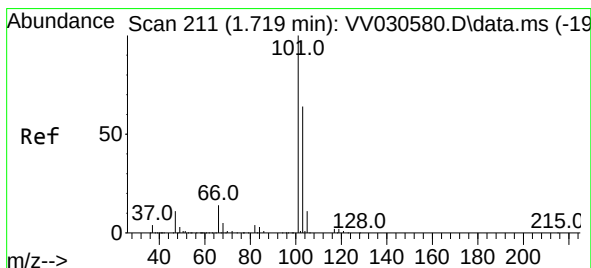
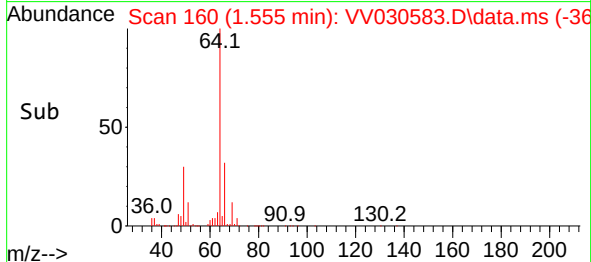
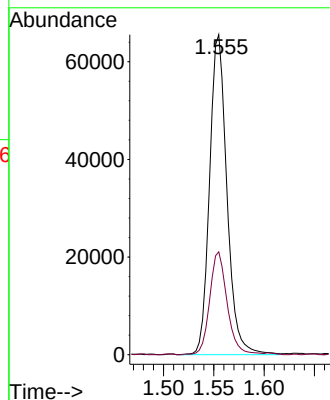
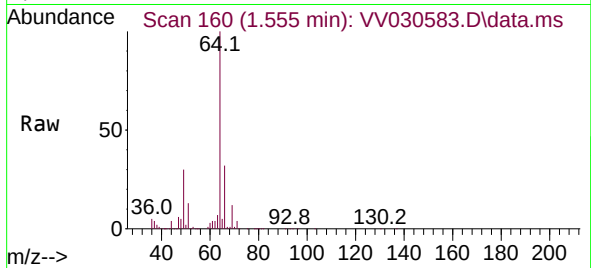




#8
Chloroethane
Concen: 43.164 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

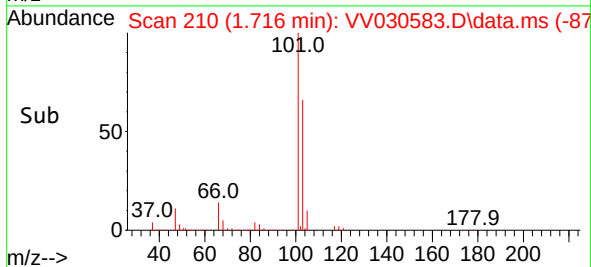
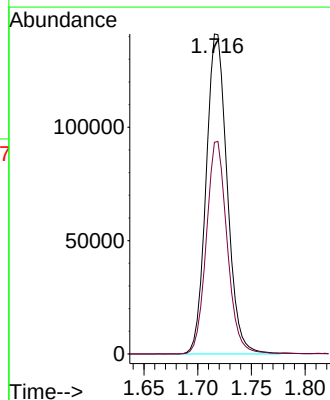
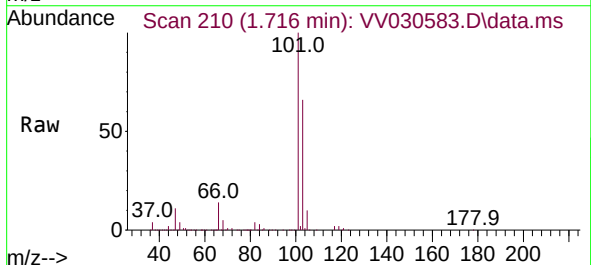
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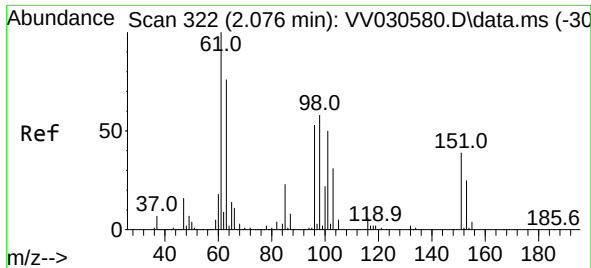
Tgt Ion: 64 Resp: 78683
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 44.764 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion:101 Resp: 192818
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

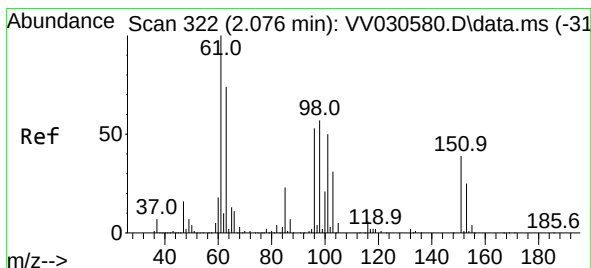
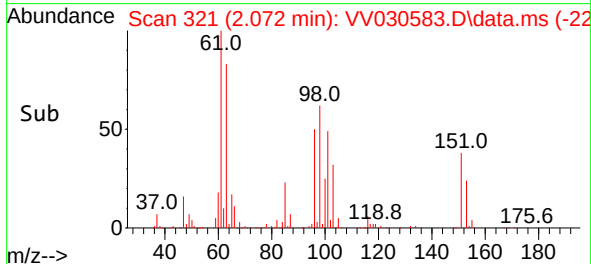
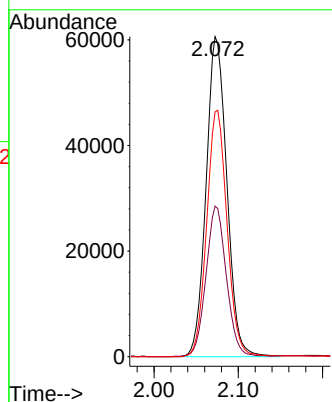
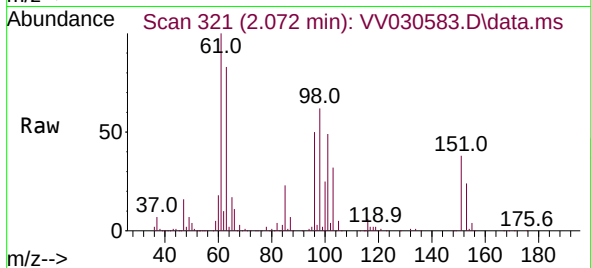




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.914 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030583.D
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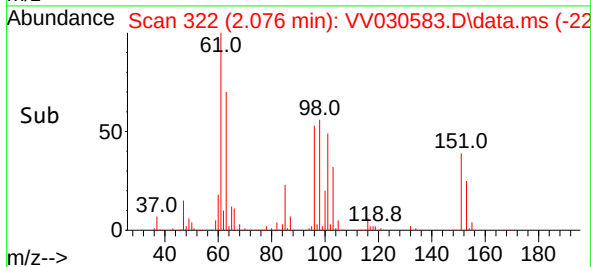
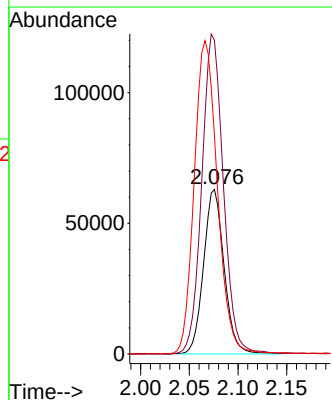
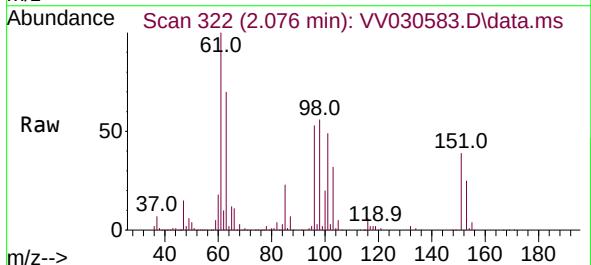
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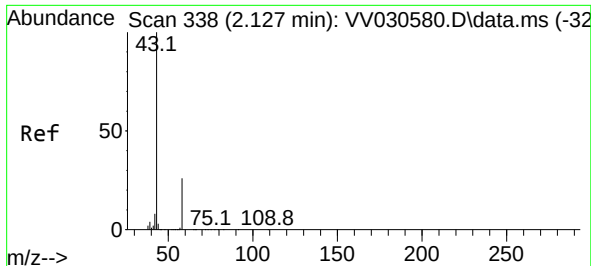
Tgt Ion:101 Resp: 103938
 Ion Ratio Lower Upper
 101 100
 85 45.8 37.5 56.3
 151 75.7 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 45.251 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

Tgt Ion: 96 Resp: 92613
 Ion Ratio Lower Upper
 96 100
 61 190.4 131.9 245.0
 63 132.6 99.8 185.3





#13

Acetone

Concen: 84.125 ug/L

RT: 2.134 min Scan# 34

Delta R.T. 0.007 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

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MSVOA_V

ClientSampleId :

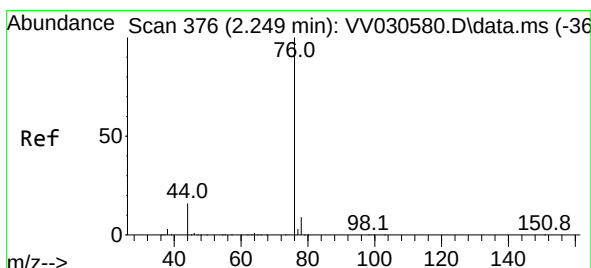
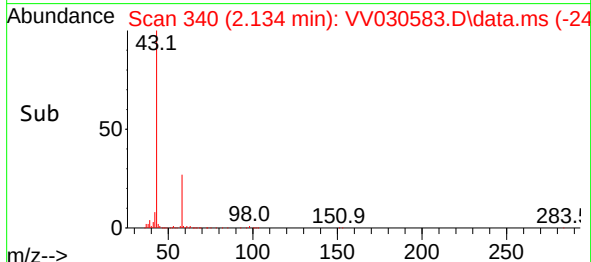
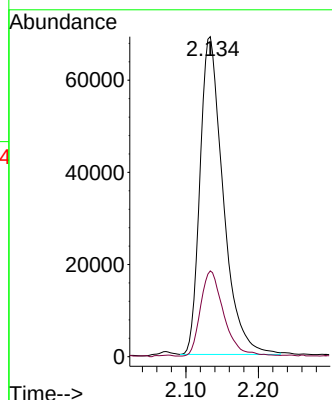
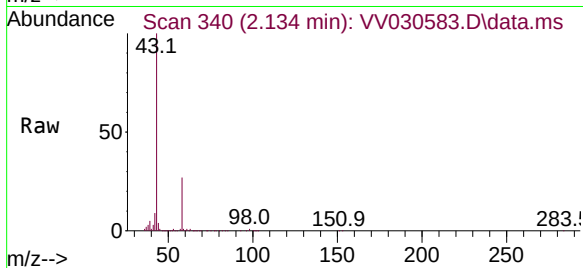
VICV220

Tgt Ion: 43 Resp: 153204

Ion Ratio Lower Upper

43 100

58 26.6 0.0 52.8



#14

Carbon disulfide

Concen: 47.375 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.003 min

Lab File: VV030583.D

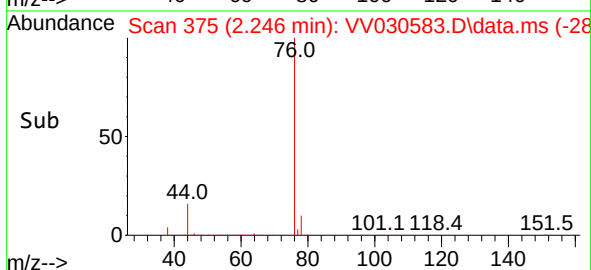
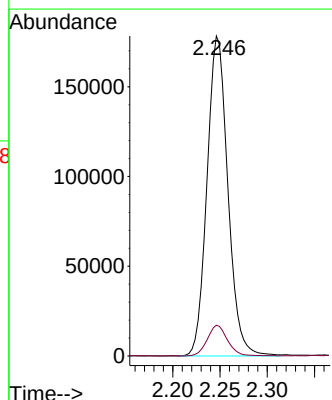
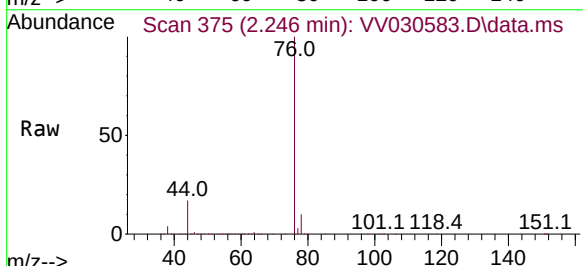
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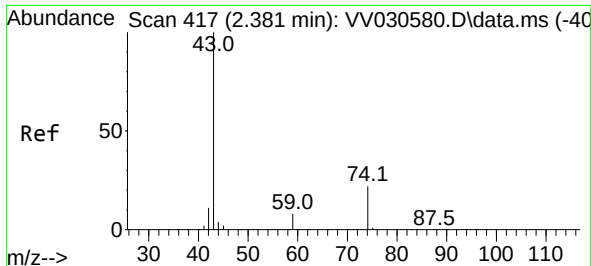
Tgt Ion: 76 Resp: 273866

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

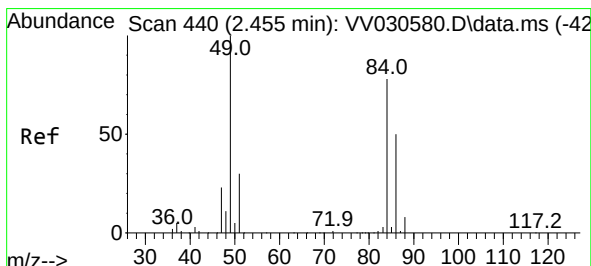
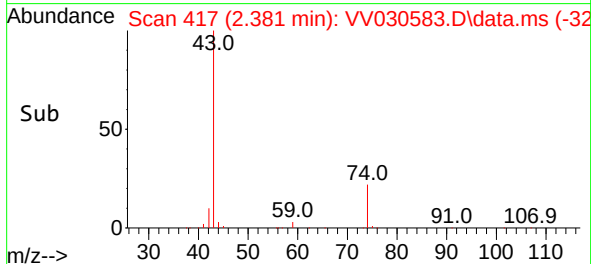
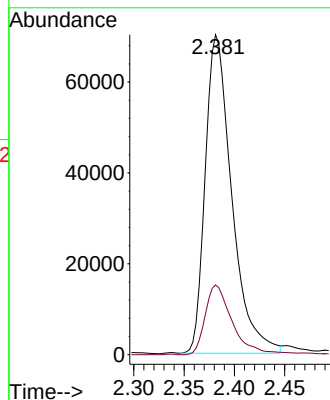
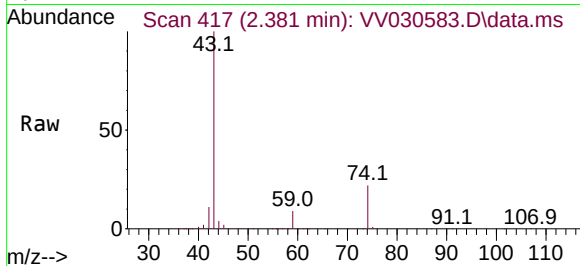




#15
Methyl Acetate
Concen: 52.967 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

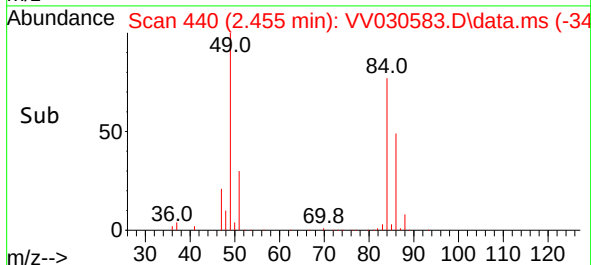
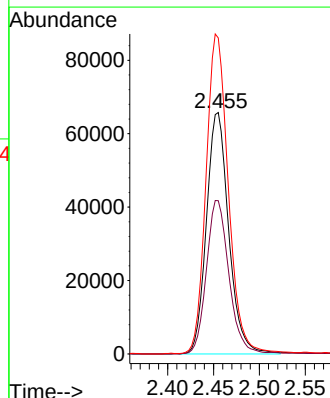
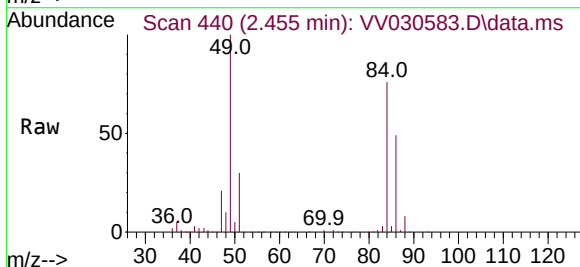
Instrument :
MSVOA_V
ClientSampleId :
VICV220

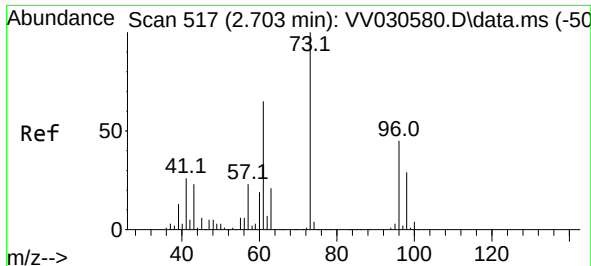
Tgt Ion: 43 Resp: 128727
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5



#16
Methylene chloride
Concen: 47.535 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion: 84 Resp: 111331
Ion Ratio Lower Upper
84 100
86 63.5 45.4 84.2
49 130.9 90.4 168.0

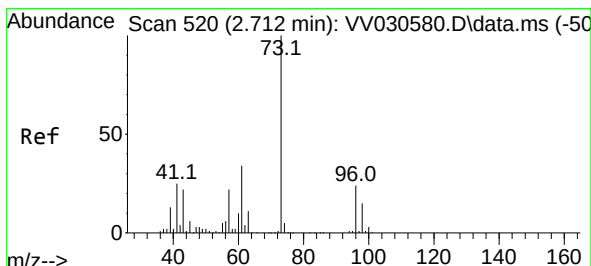
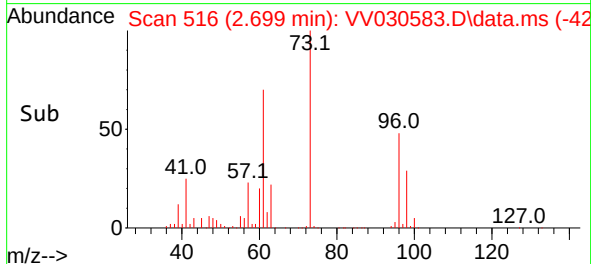
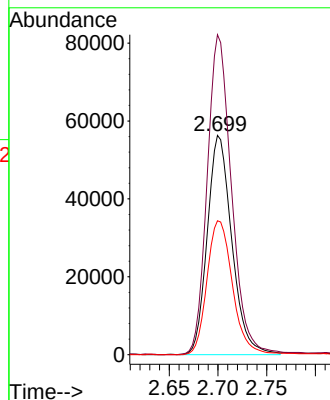
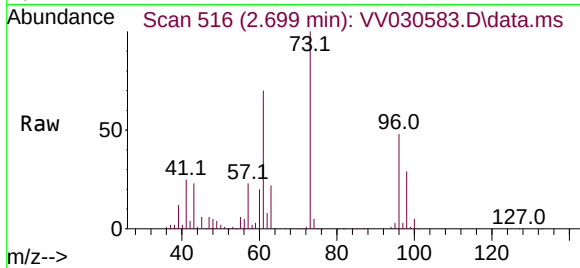




#17
trans-1,2-Dichloroethene
Concen: 47.913 ug/L
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

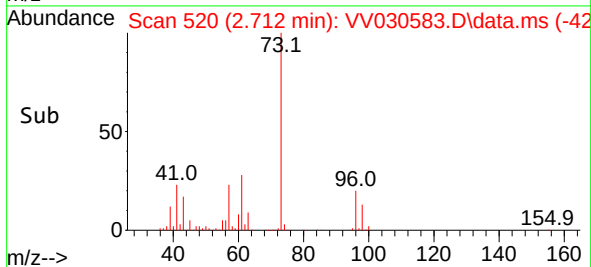
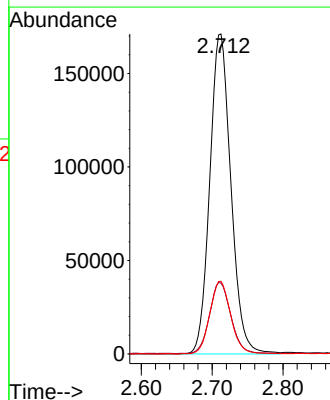
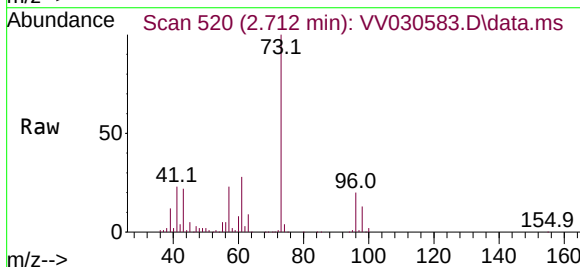
Instrument :
MSVOA_V
ClientSampleId :
VICV220

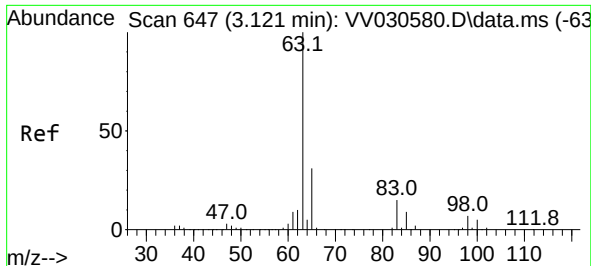
Tgt Ion: 96 Resp: 98995
Ion Ratio Lower Upper
96 100
61 145.9 101.0 187.6
98 61.1 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 53.493 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion: 73 Resp: 354015
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 22.3 18.2 27.2





#19

1,1-Dichloroethane

Concen: 47.596 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV220

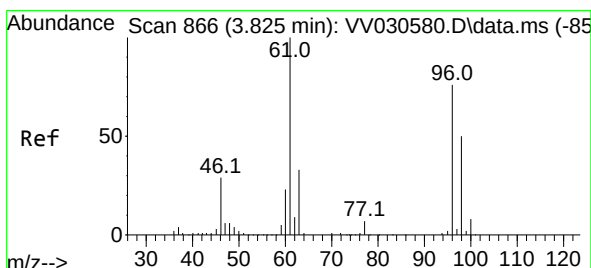
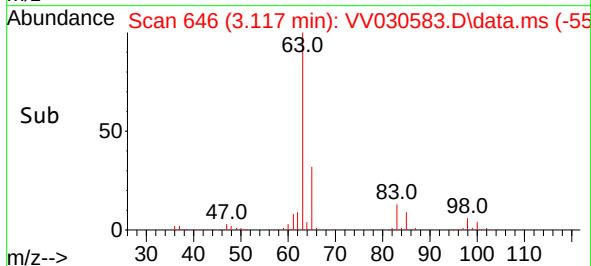
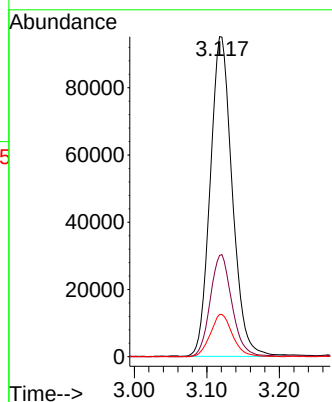
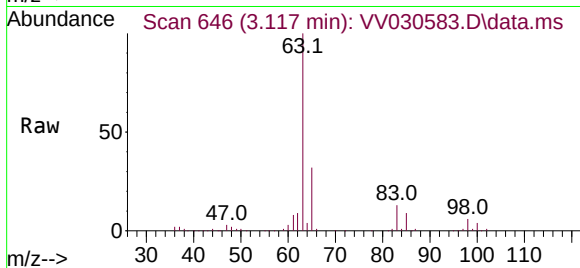
Tgt Ion: 63 Resp: 200498

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 13.2 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 50.467 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

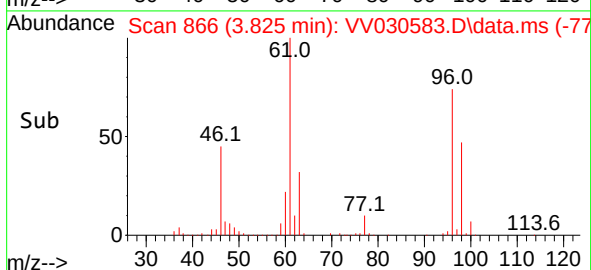
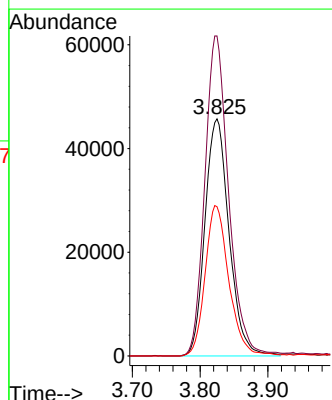
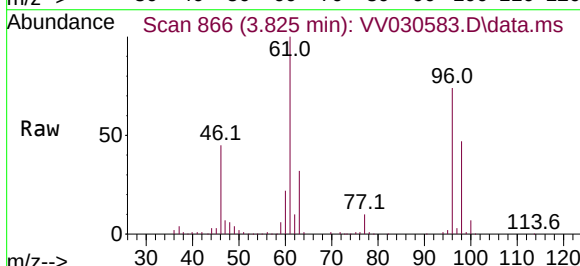
Tgt Ion: 96 Resp: 113427

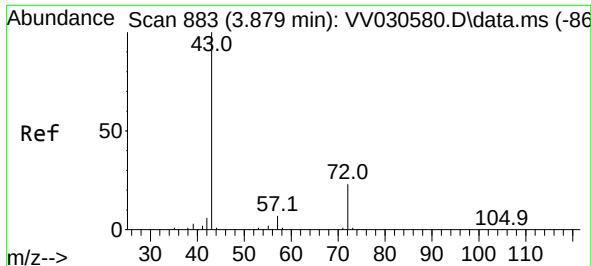
Ion Ratio Lower Upper

96 100

61 135.0 92.3 171.3

98 63.0 45.9 85.3

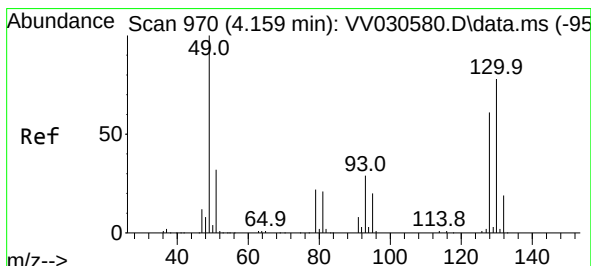
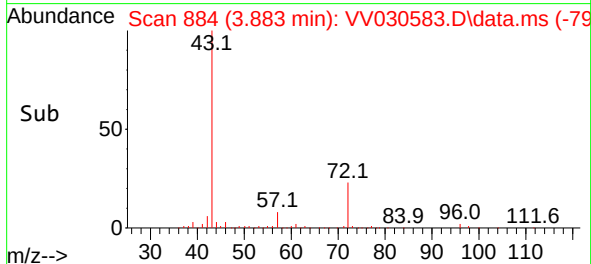
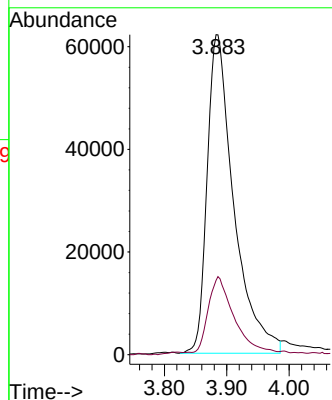
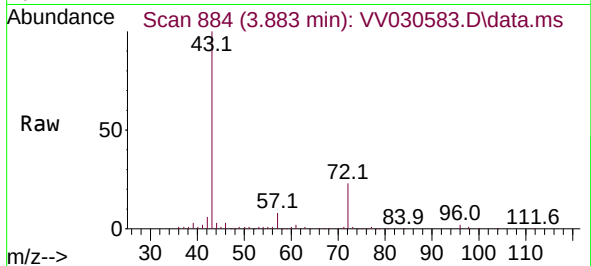




#22
2-Butanone
Concen: 98.120 ug/L
RT: 3.883 min Scan# 883
Delta R.T. 0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

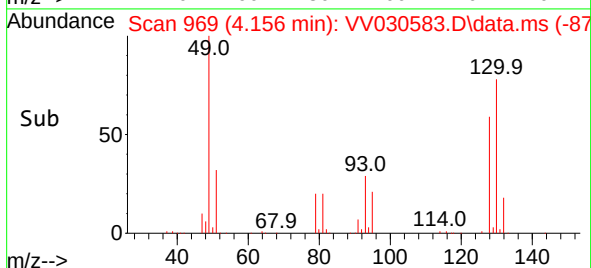
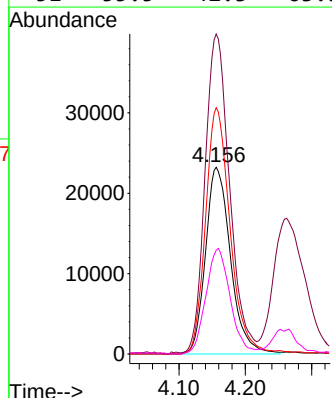
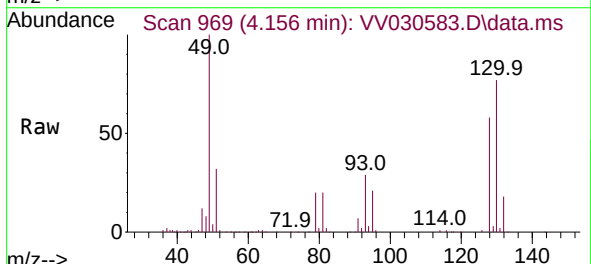
Instrument :
MSVOA_V
ClientSampleId :
VICV220

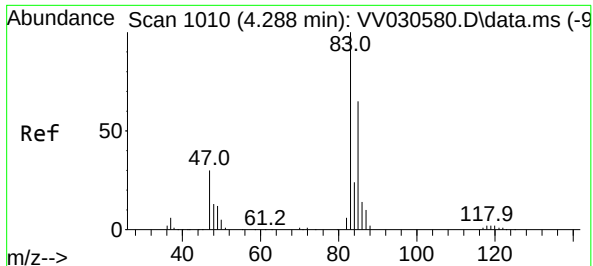
Tgt Ion: 43 Resp: 184660
Ion Ratio Lower Upper
43 100
72 22.7 11.5 34.4



#23
Bromochloromethane
Concen: 48.495 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion:128 Resp: 60875
Ion Ratio Lower Upper
128 100
49 171.3 114.7 213.1
130 131.8 89.0 165.2
51 55.5 42.3 63.5





#25

Chloroform

Concen: 48.145 ug/L

RT: 4.285 min Scan# 1010

Delta R.T. -0.003 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

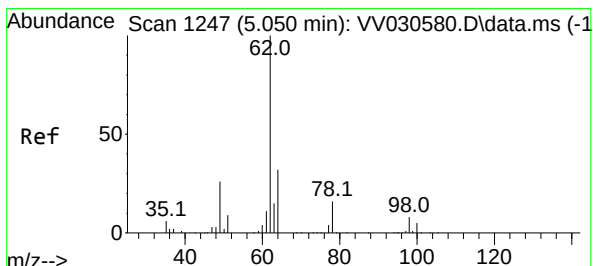
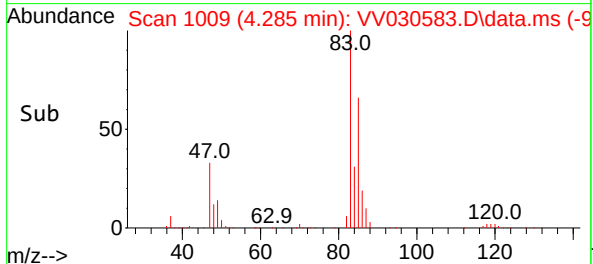
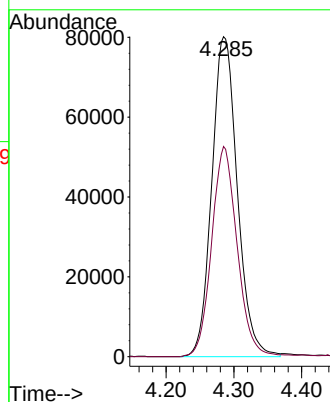
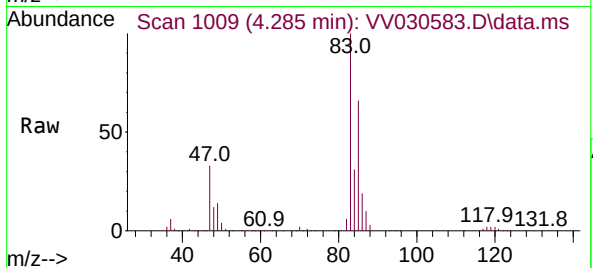
VICV220

Tgt Ion: 83 Resp: 209916

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 49.256 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV030583.D

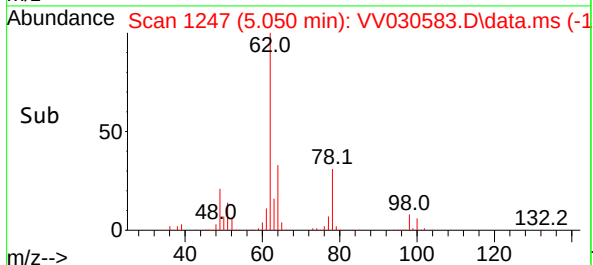
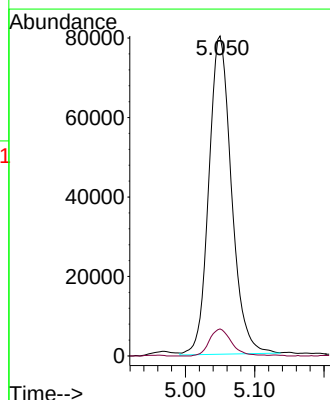
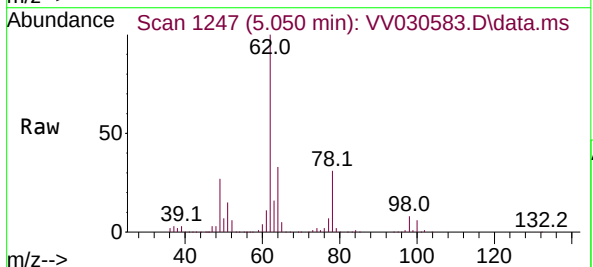
Acq: 17 Apr 2023 12:30

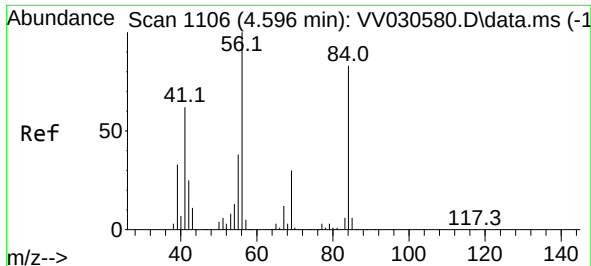
Tgt Ion: 62 Resp: 181795

Ion Ratio Lower Upper

62 100

98 8.4 6.4 9.6





#29

Cyclohexane

Concen: 50.512 ug/L

RT: 4.593 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV220

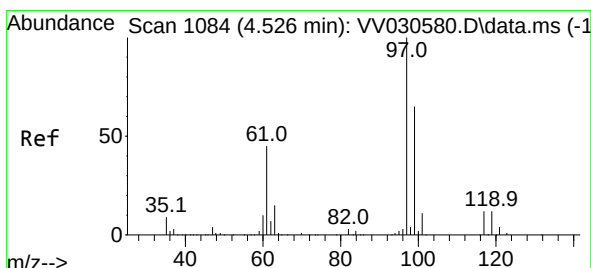
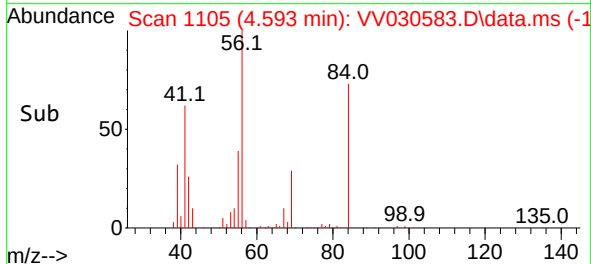
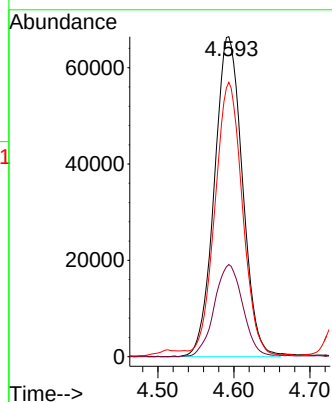
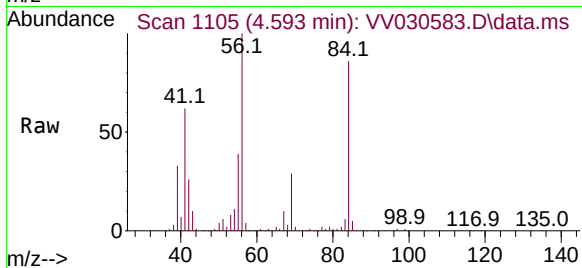
Tgt Ion: 56 Resp: 170340

Ion Ratio Lower Upper

56 100

69 29.2 24.0 36.0

84 83.9 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 46.736 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.003 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

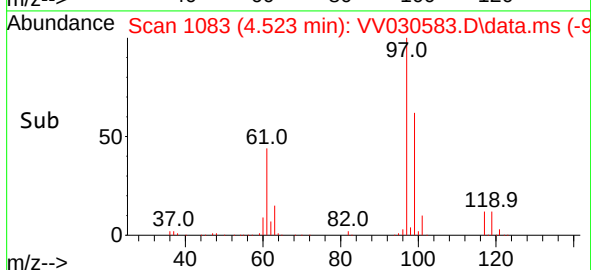
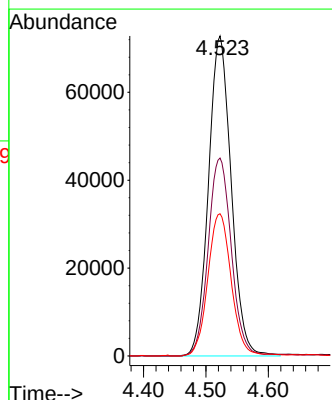
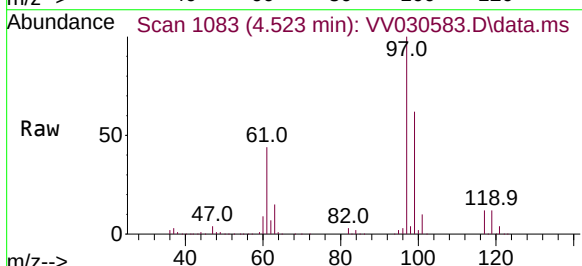
Tgt Ion: 97 Resp: 184543

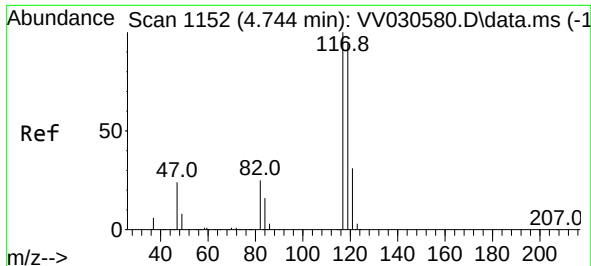
Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.0

61 45.9 37.0 55.6

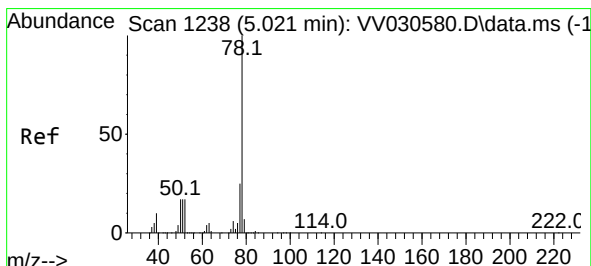
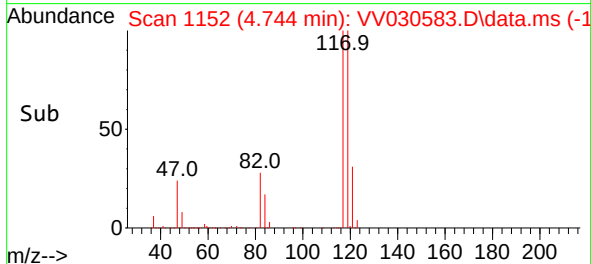
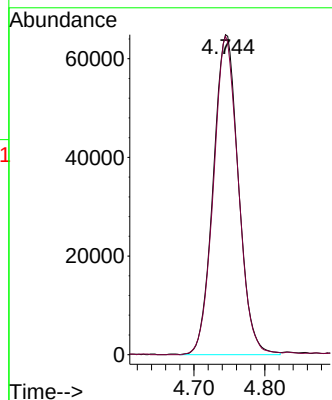
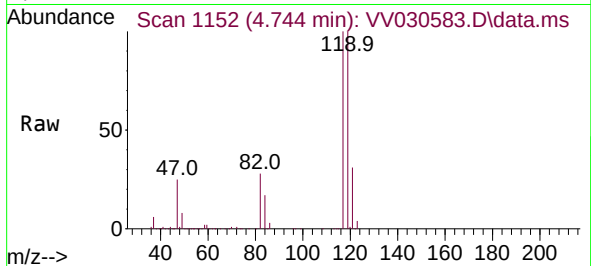




#31
Carbon tetrachloride
Concen: 45.511 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

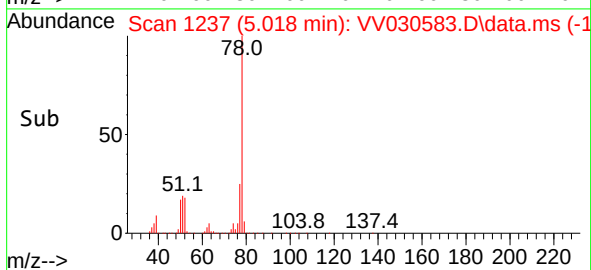
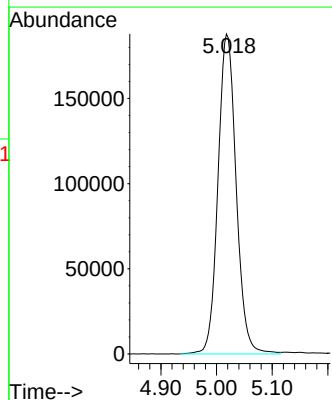
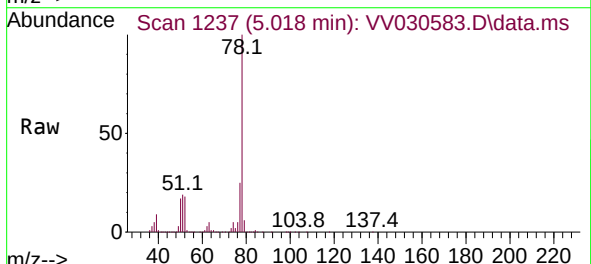
Instrument : MSVOA_V
ClientSampleId : VICV220

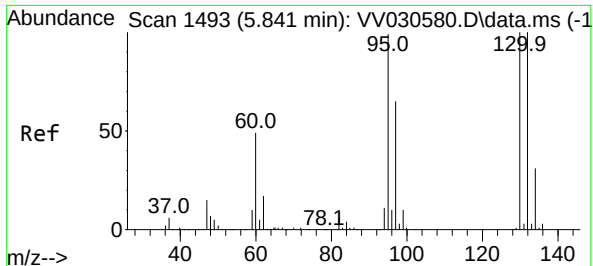
Tgt Ion:117 Resp: 160670
Ion Ratio Lower Upper
117 100
119 97.7 75.9 113.9



#33
Benzene
Concen: 49.996 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion: 78 Resp: 426640

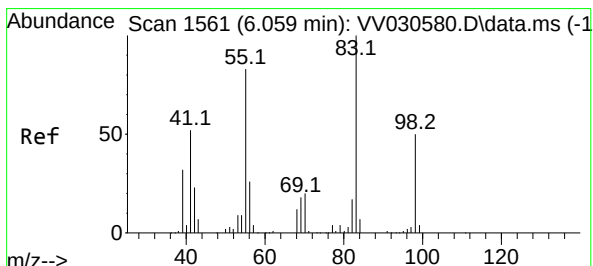
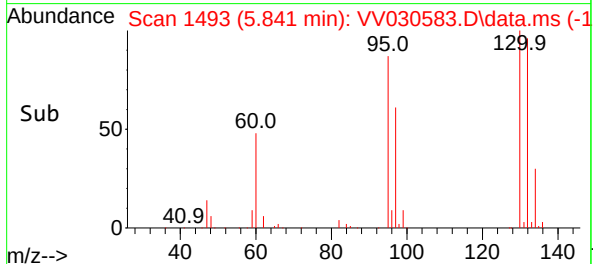
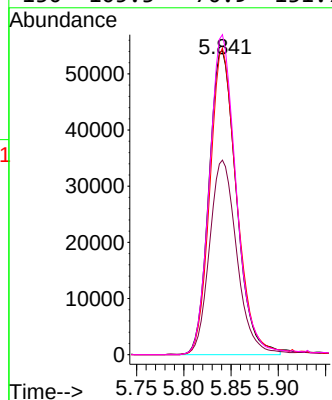
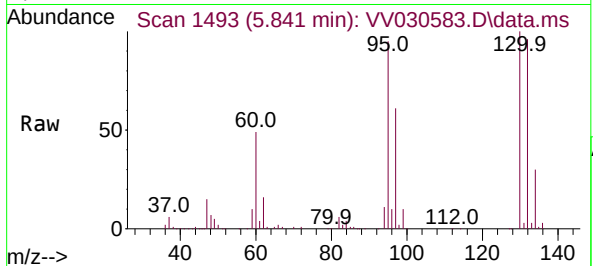




#34
Trichloroethene
Concen: 49.088 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

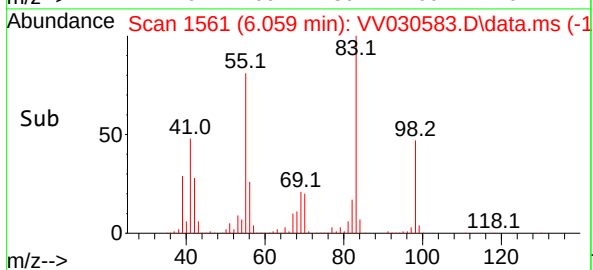
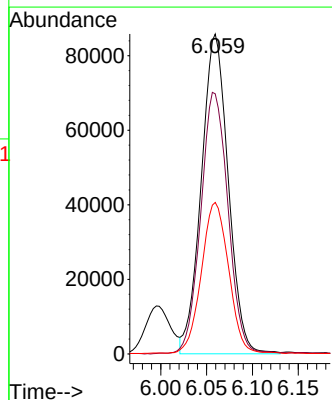
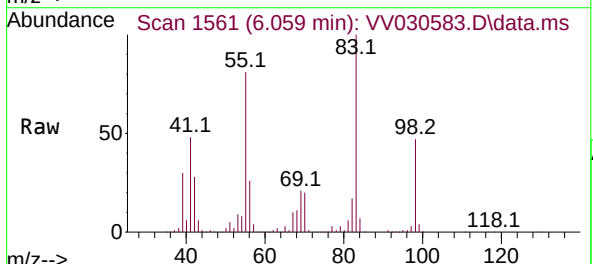
Instrument :
MSVOA_V
ClientSampleId :
VICV220

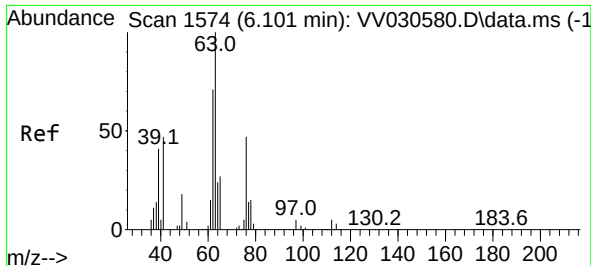
Tgt Ion: 95 Resp: 108958
Ion Ratio Lower Upper
95 100
97 64.0 45.8 85.2
132 100.9 70.6 131.2
130 105.3 70.9 131.7



#35
Methylcyclohexane
Concen: 50.424 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion: 83 Resp: 175373
Ion Ratio Lower Upper
83 100
55 82.5 65.5 98.3
98 47.5 38.7 58.1





#37

1,2-Dichloropropane

Concen: 48.460 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

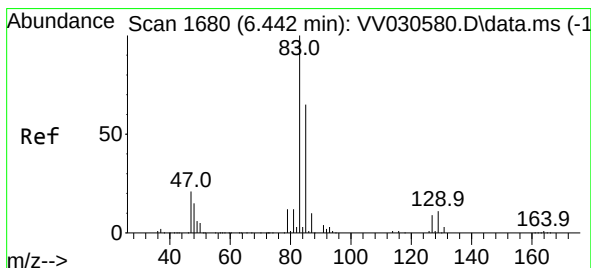
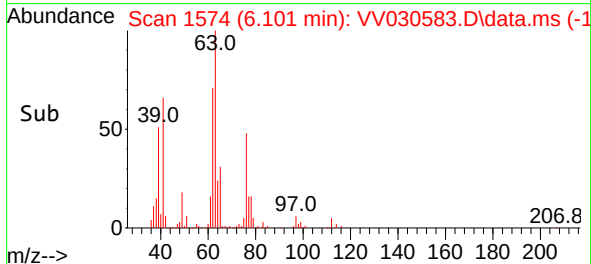
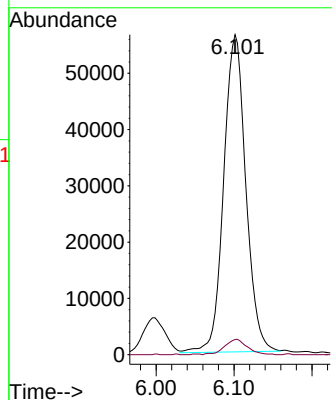
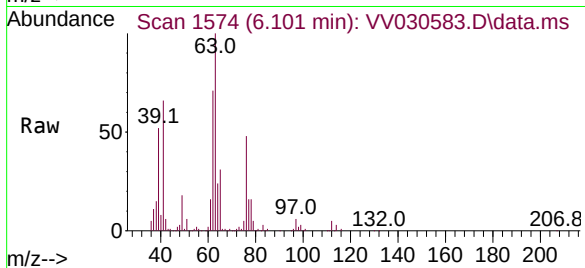
VICV220

Tgt Ion: 63 Resp: 111305

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 49.163 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

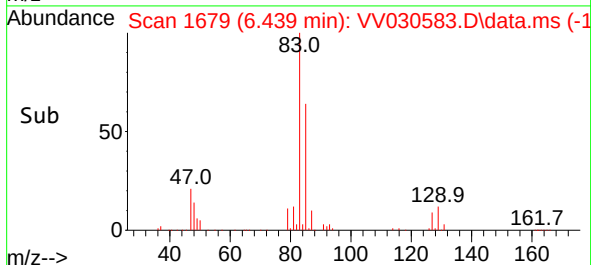
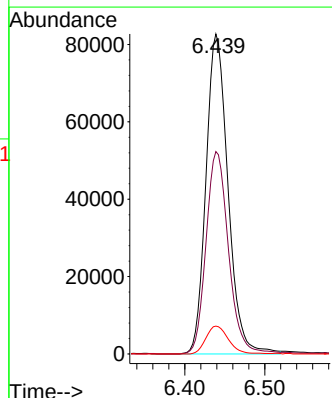
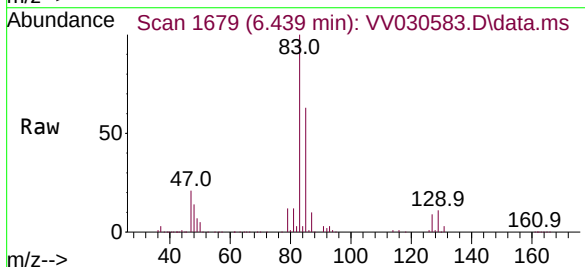
Tgt Ion: 83 Resp: 158622

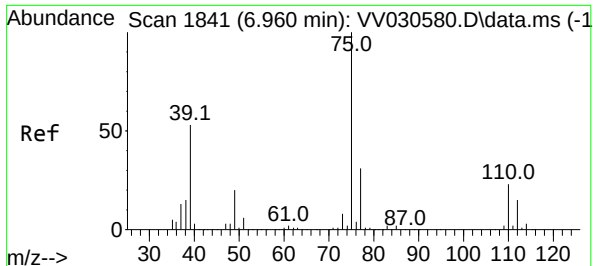
Ion Ratio Lower Upper

83 100

85 63.2 45.4 84.4

127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 52.905 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

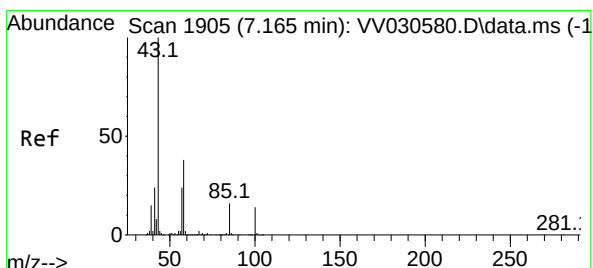
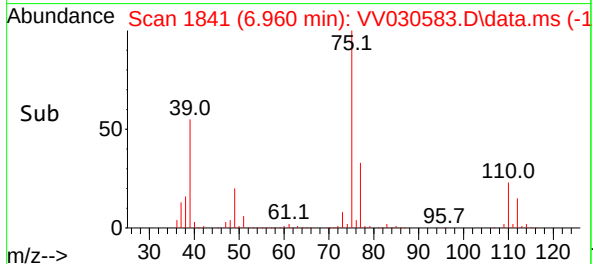
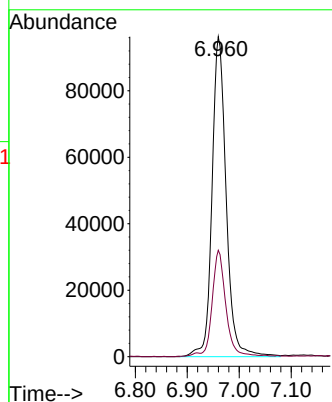
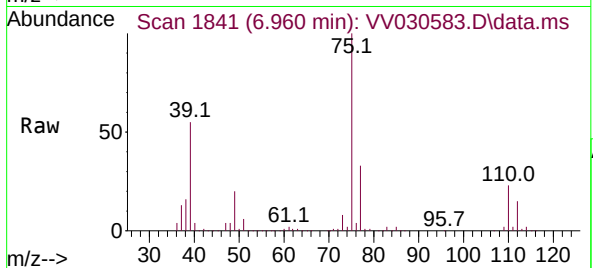
VICV220

Tgt Ion: 75 Resp: 182377

Ion Ratio Lower Upper

75 100

77 33.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 109.323 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

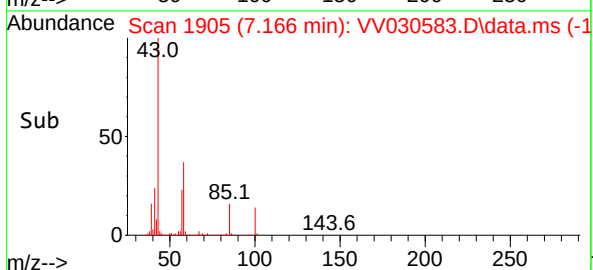
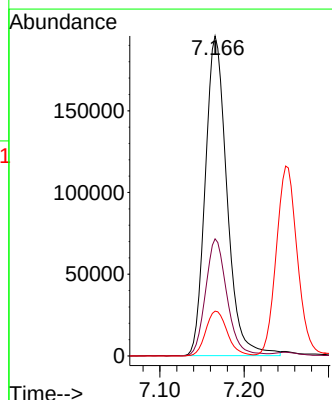
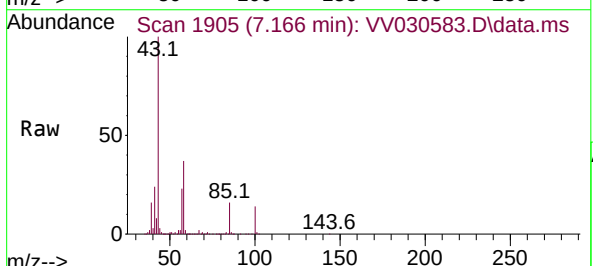
Tgt Ion: 43 Resp: 350753

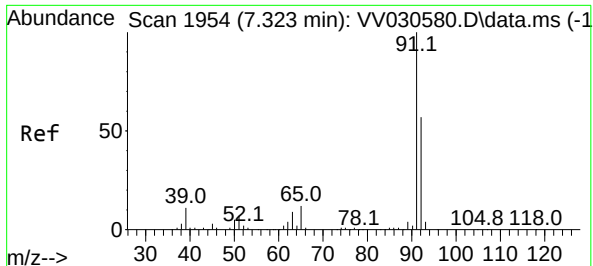
Ion Ratio Lower Upper

43 100

58 36.3 29.2 43.8

100 14.0 11.3 16.9





#42

Toluene

Concen: 49.924 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

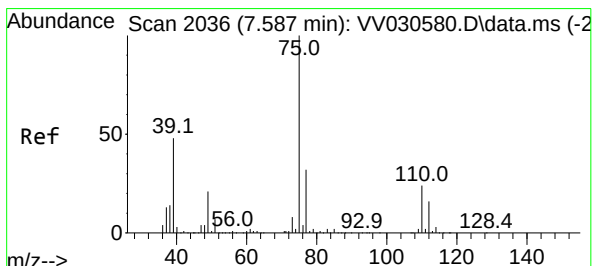
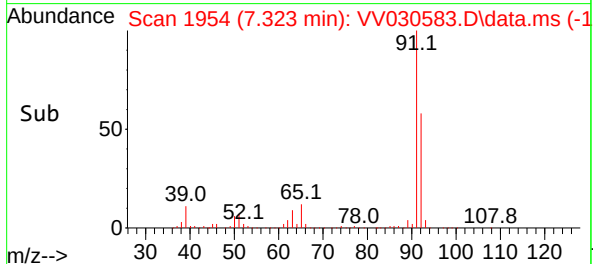
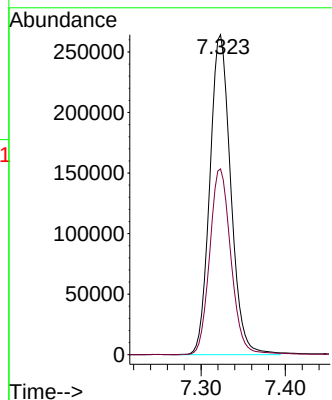
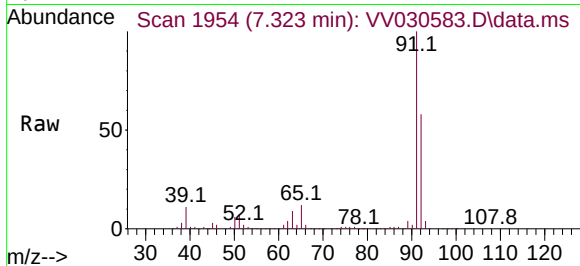
VICV220

Tgt Ion: 91 Resp: 456316

Ion Ratio Lower Upper

91 100

92 58.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 52.797 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV030583.D

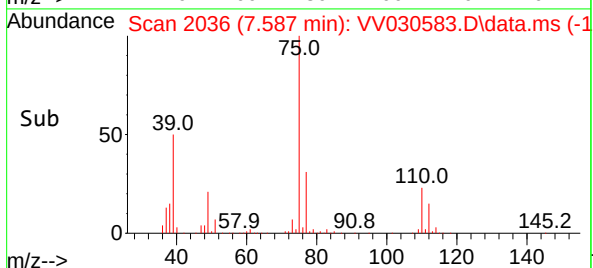
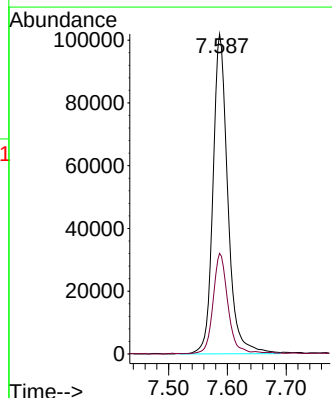
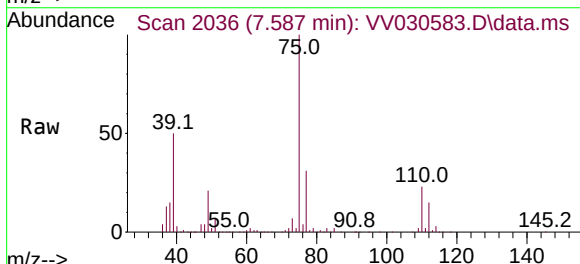
Acq: 17 Apr 2023 12:30

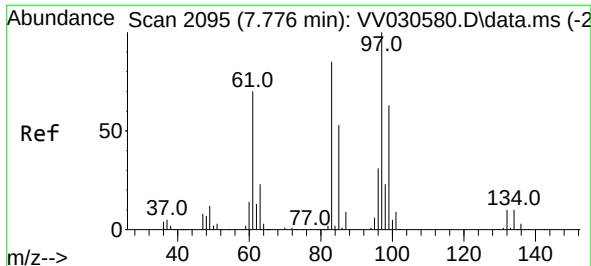
Tgt Ion: 75 Resp: 178811

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1

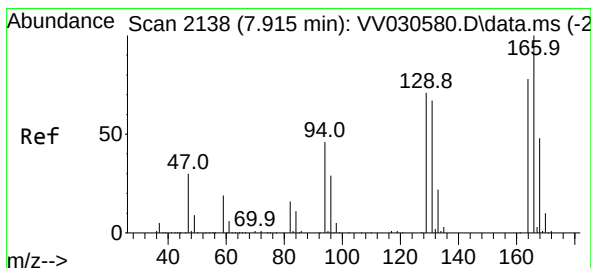
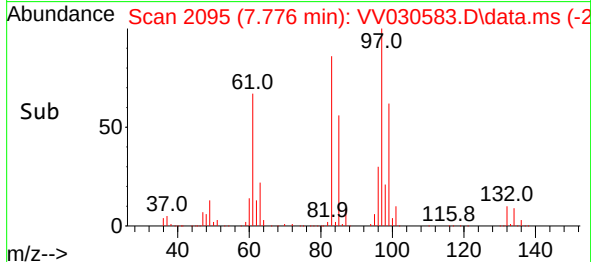
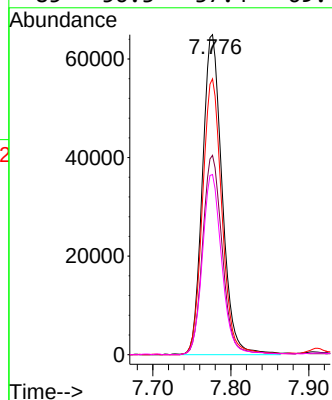
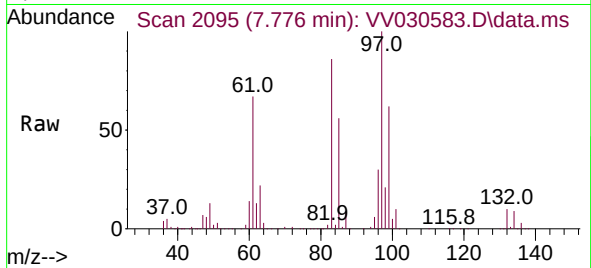




#45
1,1,2-Trichloroethane
Concen: 49.431 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

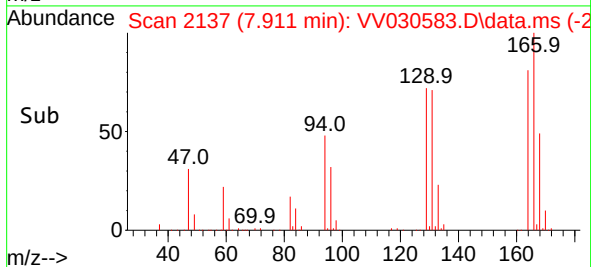
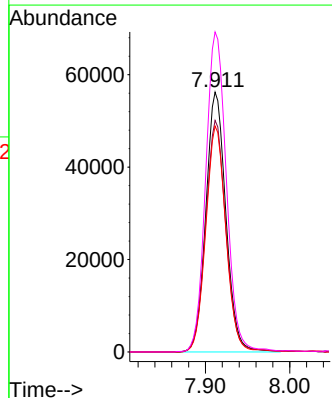
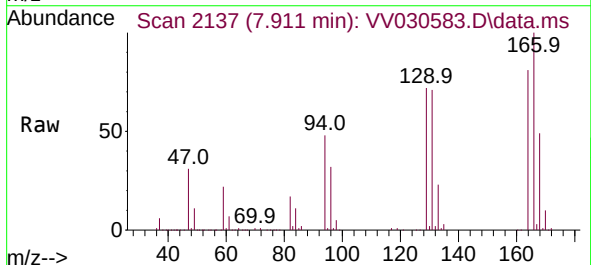
Instrument :
MSVOA_V
ClientSampleId :
VICV220

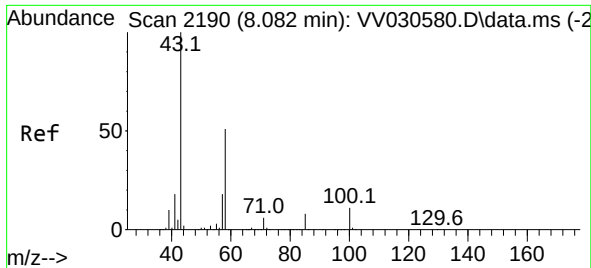
Tgt Ion: 97	Resp: 113845
Ion Ratio	Lower Upper
97 100	
99 62.3	43.8 81.4
83 86.2	59.6 110.6
85 56.3	37.4 69.4



#46
Tetrachloroethene
Concen: 48.035 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt	Ion:164	Resp:	93325
Ion	Ratio	Lower	Upper
164	100		
129	89.1	63.8	118.6
131	86.9	60.3	111.9
166	123.1	89.5	166.1

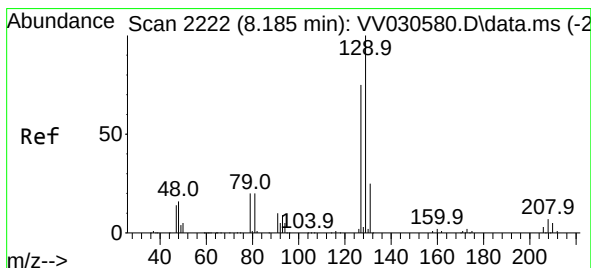
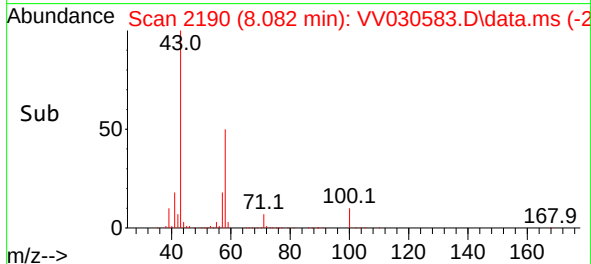
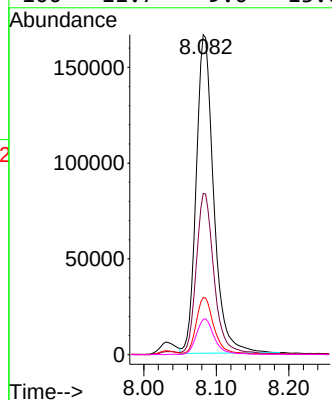
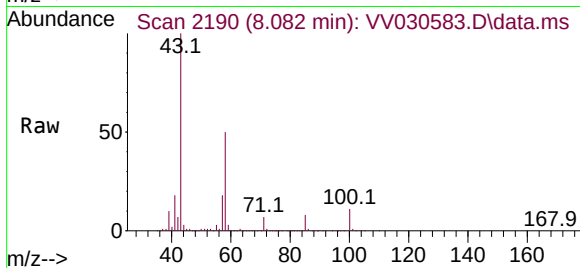




#48
2-Hexanone
Concen: 105.226 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

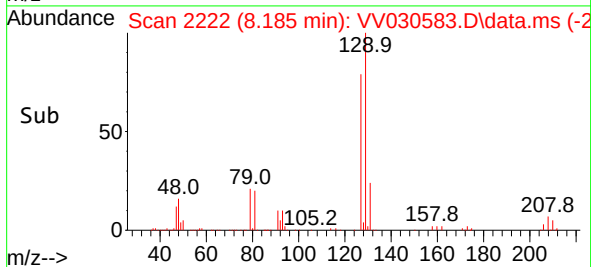
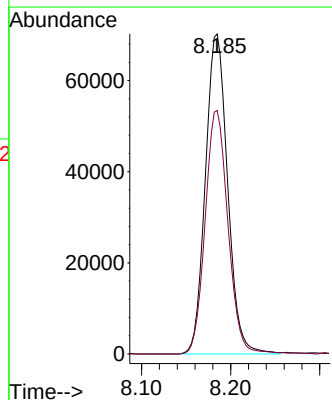
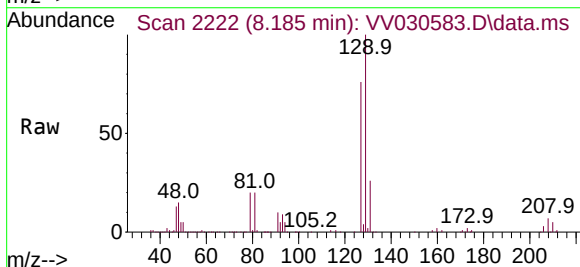
Instrument :
MSVOA_V
ClientSampleId :
VICV220

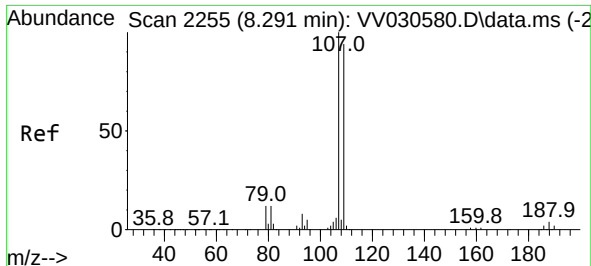
Tgt Ion: 43 Resp: 278567
Ion Ratio Lower Upper
43 100
58 51.3 41.4 62.0
57 18.1 14.9 22.3
100 11.7 9.0 13.6



#49
Dibromochloromethane
Concen: 47.965 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion: 129 Resp: 121851
Ion Ratio Lower Upper
129 100
127 76.1 52.8 98.2

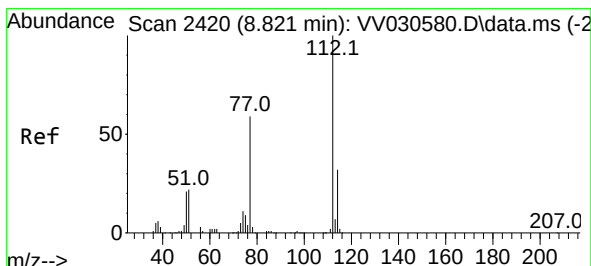
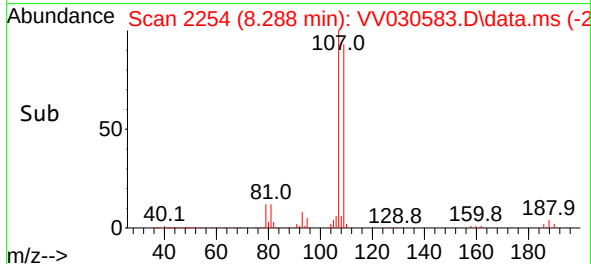
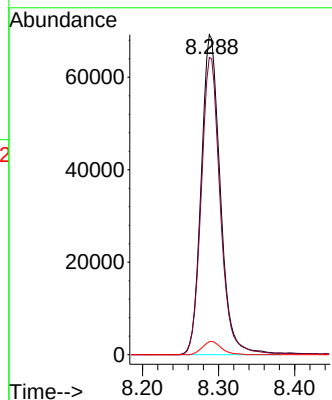
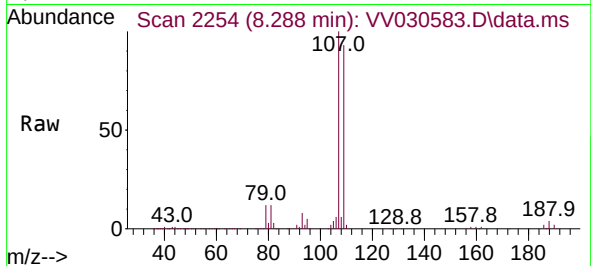




#50
1,2-Dibromoethane
Concen: 50.521 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

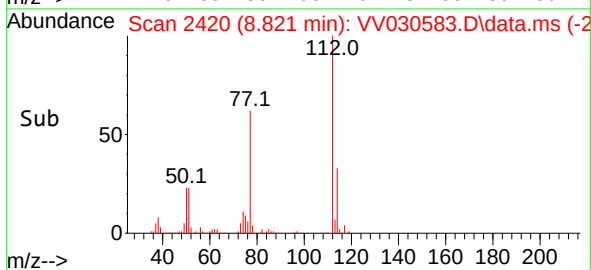
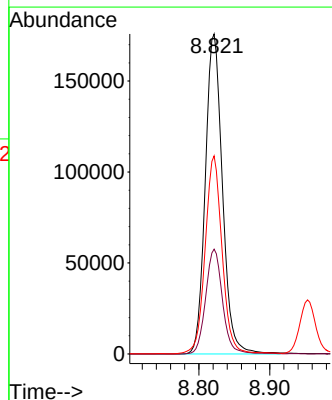
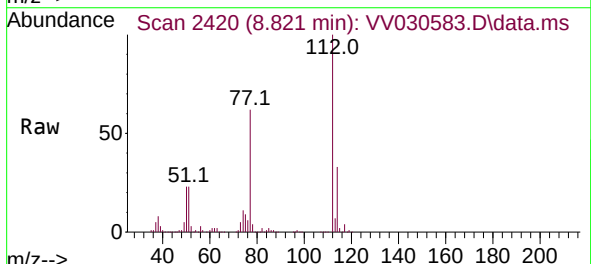
Instrument :
MSVOA_V
ClientSampleId :
VICV220

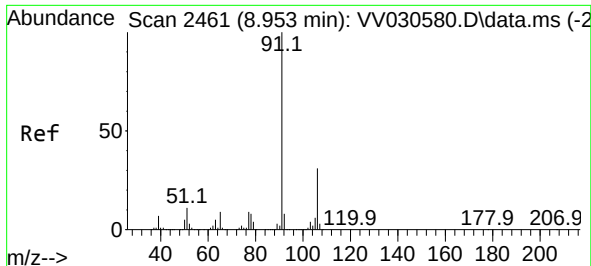
Tgt Ion:107 Resp: 120561
Ion Ratio Lower Upper
107 100
109 92.9 65.7 121.9
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 48.795 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion:112 Resp: 295375
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 61.9 47.4 71.0

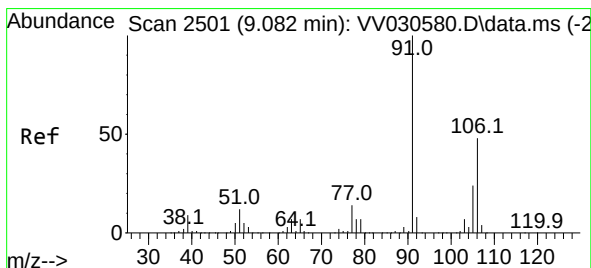
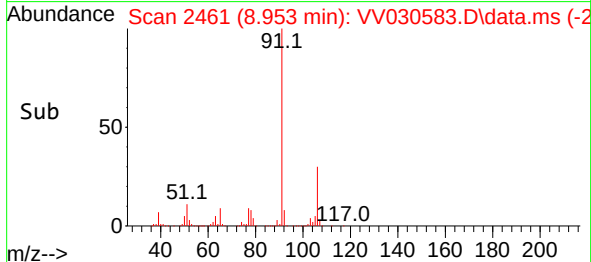
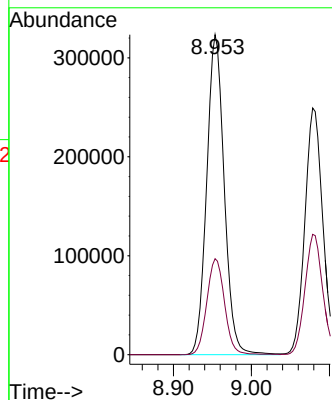
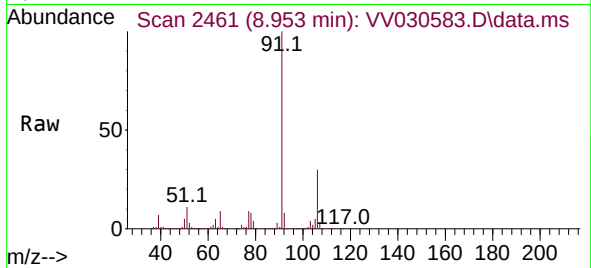




#52
Ethylbenzene
Concen: 49.901 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

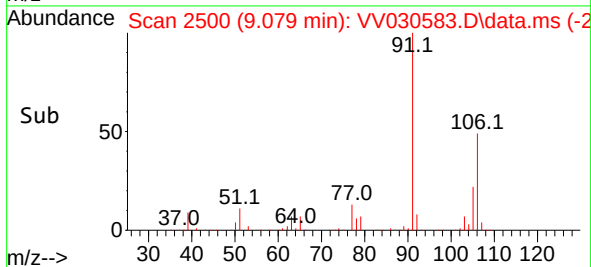
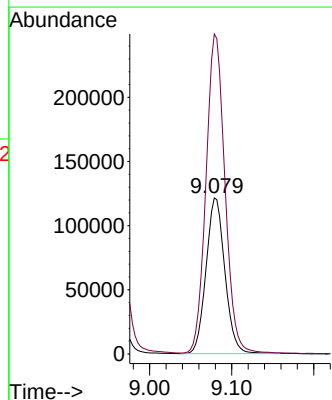
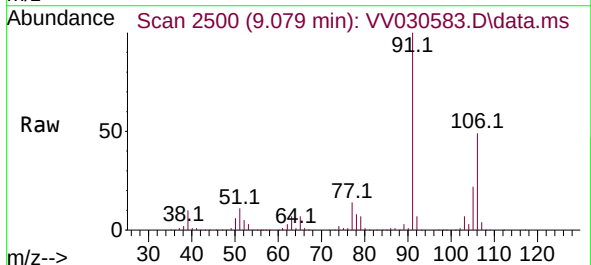
Instrument :
MSVOA_V
ClientSampleId :
VICV220

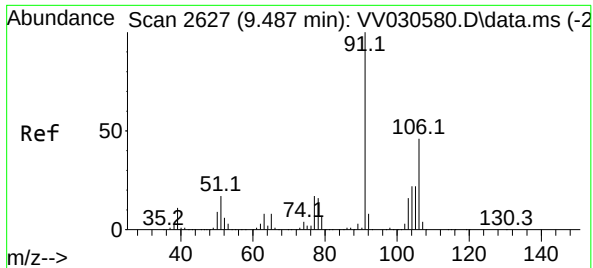
Tgt Ion: 91 Resp: 504938
Ion Ratio Lower Upper
91 100
106 30.0 21.8 40.4



#53
m,p-Xylene
Concen: 50.590 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion:106 Resp: 193360
Ion Ratio Lower Upper
106 100
91 205.1 144.7 268.7

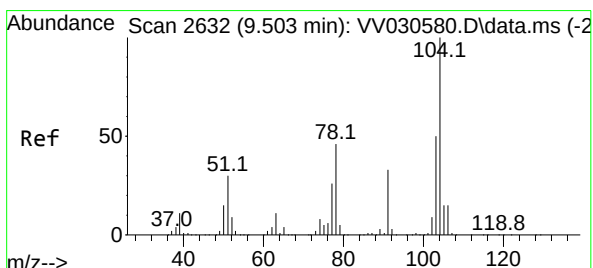
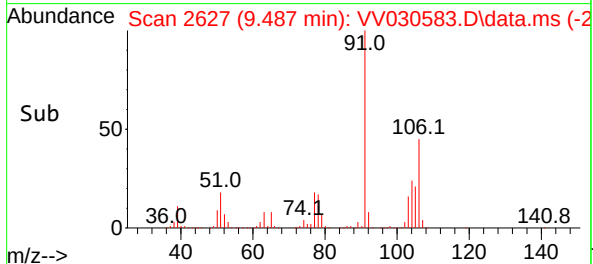
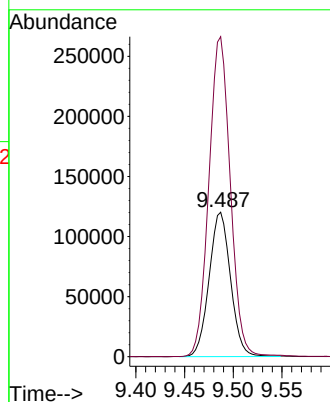
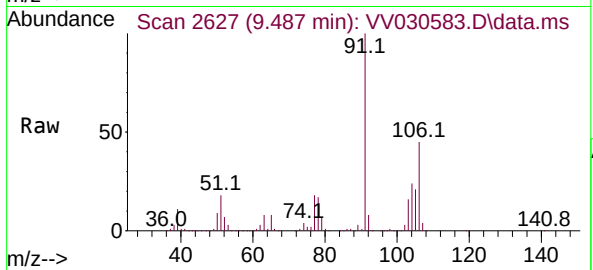




#54
o-Xylene
Concen: 49.124 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

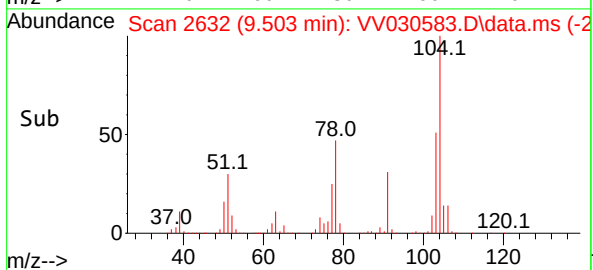
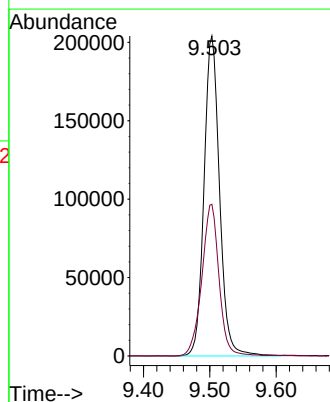
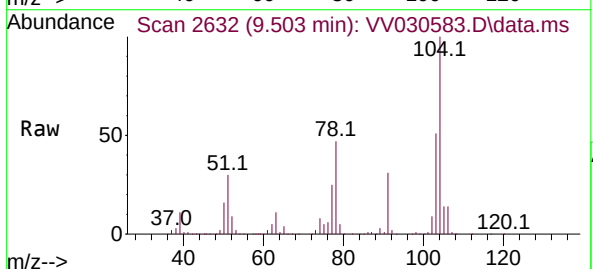
Instrument : MSVOA_V
ClientSampleId : VICV220

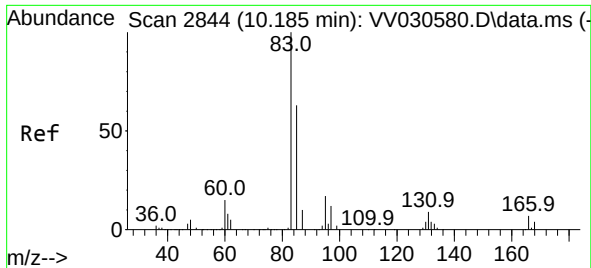
Tgt Ion:106 Resp: 183680
Ion Ratio Lower Upper
106 100
91 221.6 152.6 283.4



#55
Styrene
Concen: 50.614 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion:104 Resp: 332433
Ion Ratio Lower Upper
104 100
78 47.4 32.3 59.9

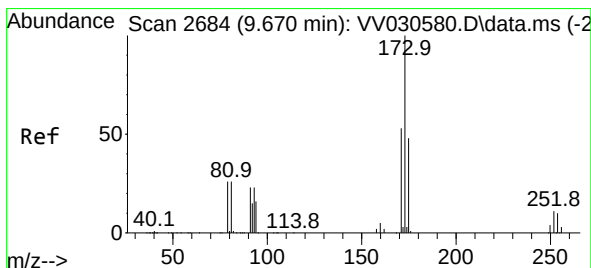
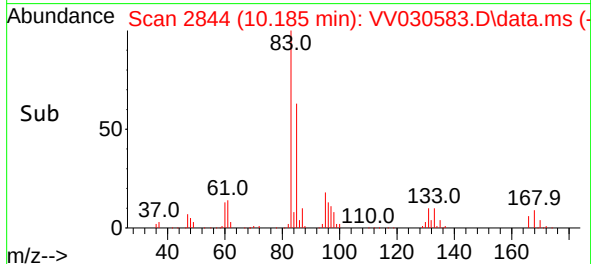
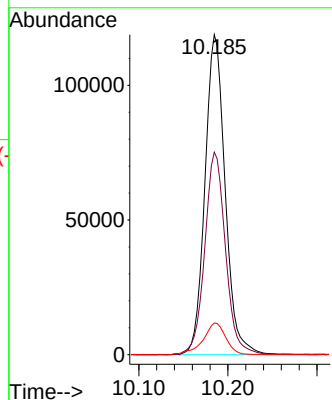
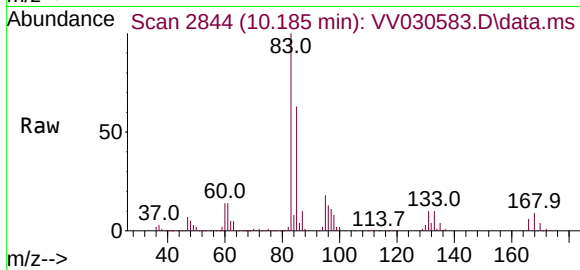




#57
1,1,2,2-Tetrachloroethane
Concen: 49.450 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

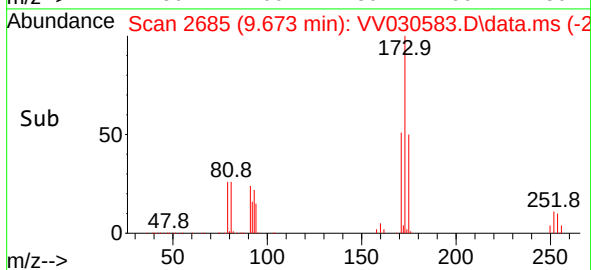
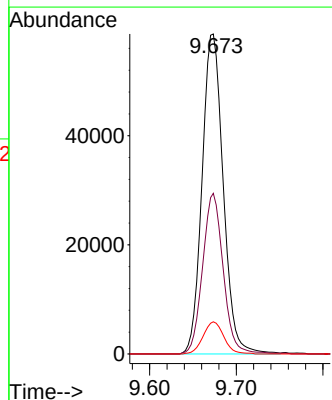
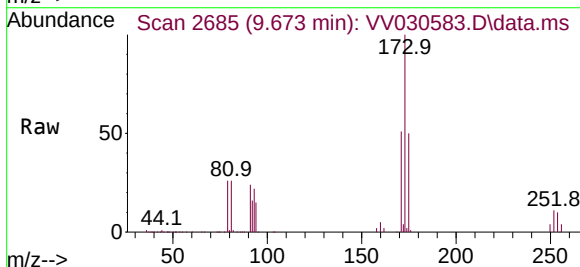
Instrument :
MSVOA_V
ClientSampleId :
VICV220

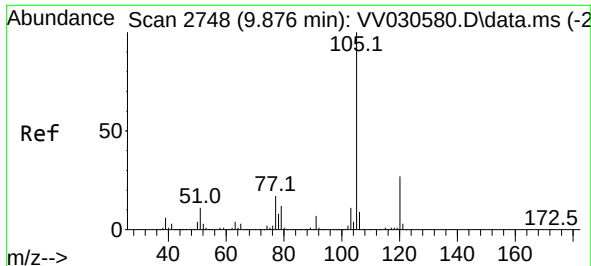
Tgt Ion: 83 Resp: 186986
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.7
131 9.9 8.0 12.0



#59
Bromoform
Concen: 50.015 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion: 173 Resp: 99662
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 9.8 8.2 12.4

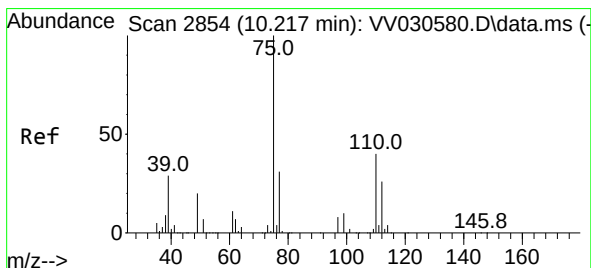
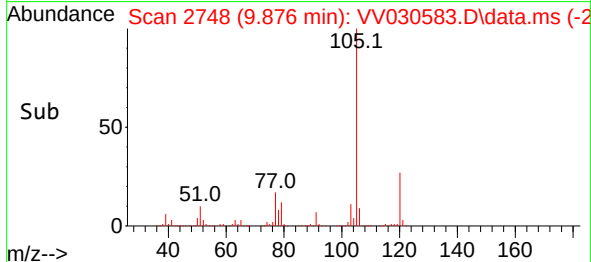
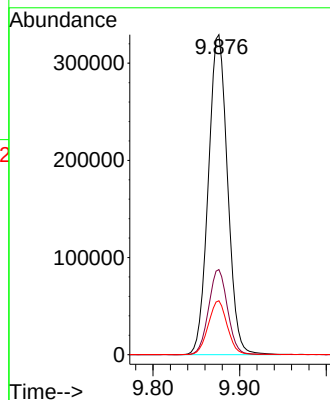
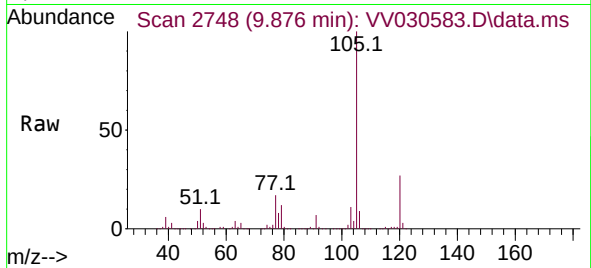




#60
Isopropylbenzene
Concen: 51.160 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

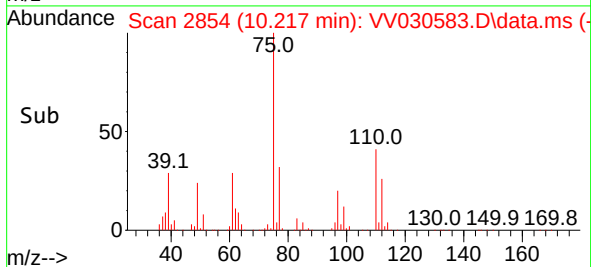
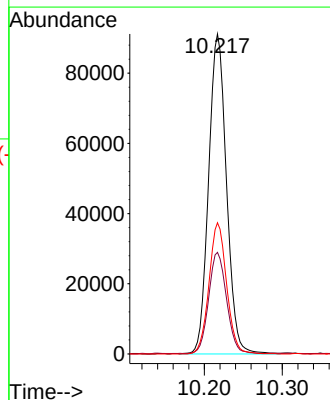
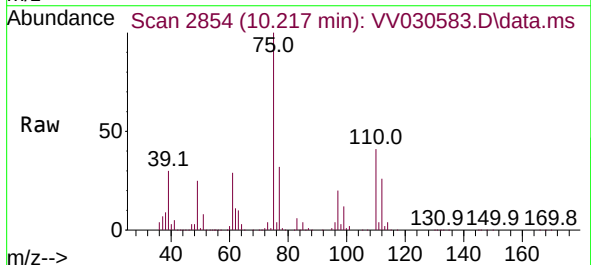
Instrument :
MSVOA_V
ClientSampleId :
VICV220

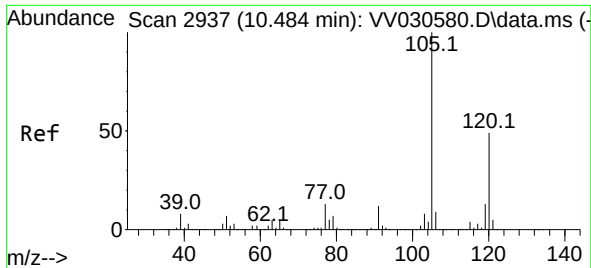
Tgt Ion:105 Resp: 507810
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 50.950 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion: 75 Resp: 145237
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
110 40.4 32.8 49.2

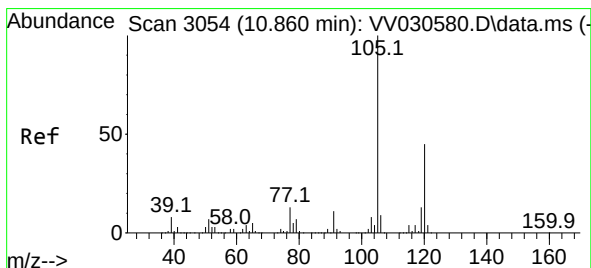
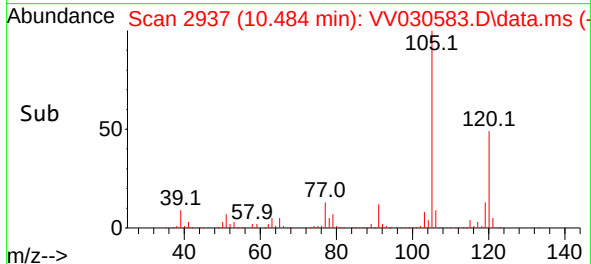
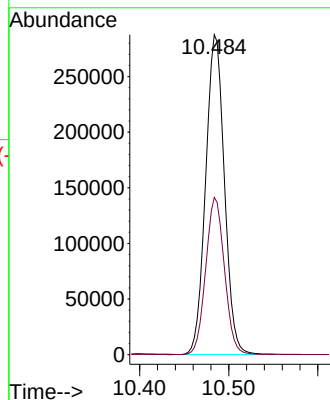
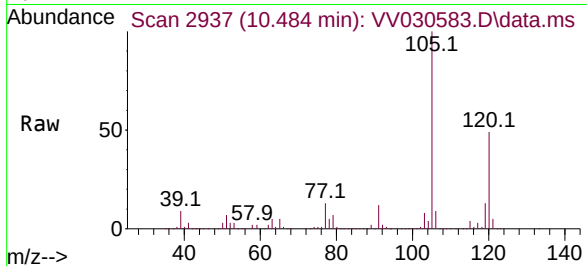




#62
1,3,5-Trimethylbenzene
Concen: 51.286 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

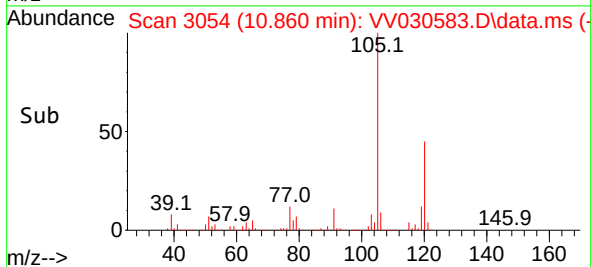
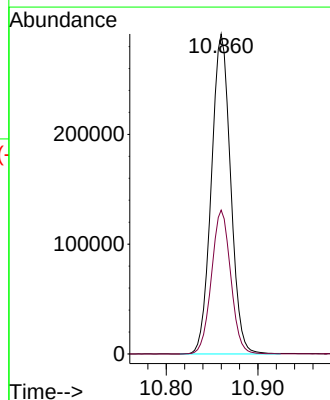
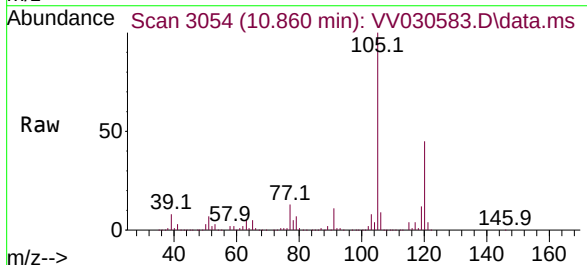
Instrument :
MSVOA_V
ClientSampleId :
VICV220

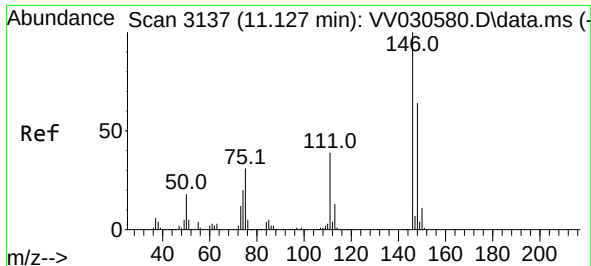
Tgt Ion:105 Resp: 419133
Ion Ratio Lower Upper
105 100
120 49.0 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 52.117 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion:105 Resp: 425265
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.4

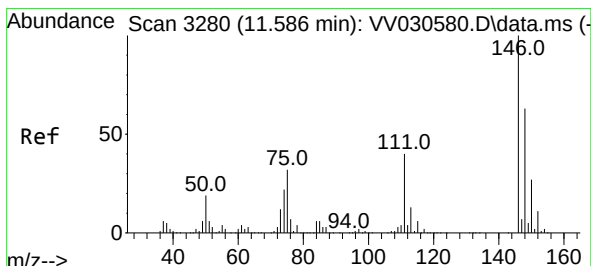
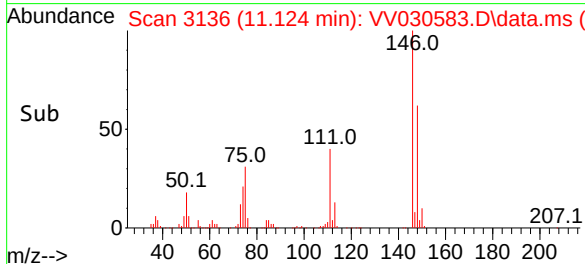
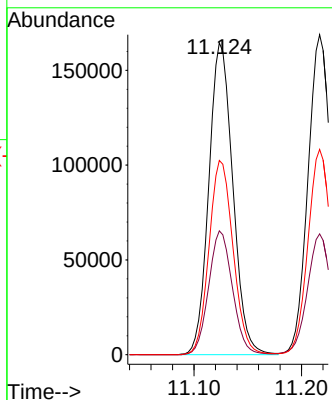
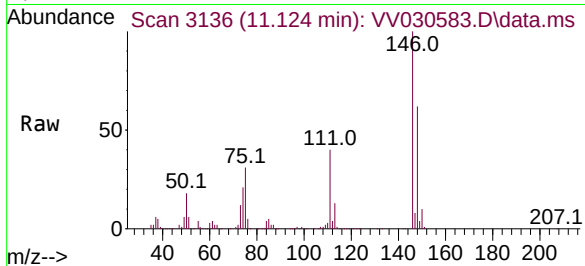




#64
1,3-Dichlorobenzene
Concen: 51.387 ug/L
RT: 11.124 min Scan# 3137
Delta R.T. -0.003 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

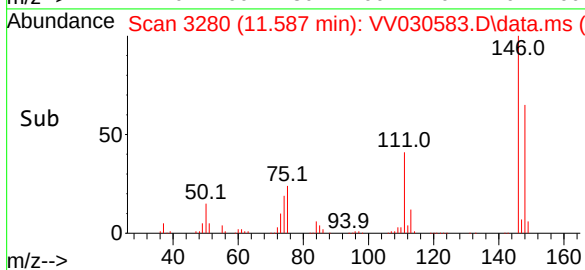
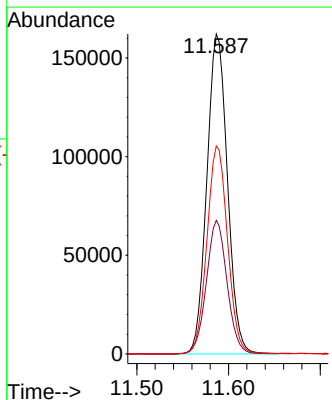
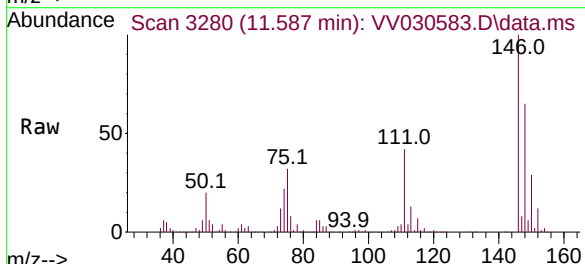
Instrument :
MSVOA_V
ClientSampleId :
VICV220

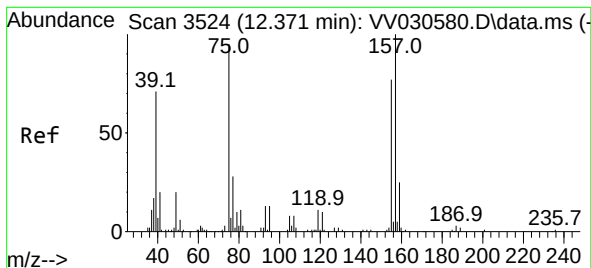
Tgt Ion:146 Resp: 255365
Ion Ratio Lower Upper
146 100
111 39.7 27.0 50.2
148 62.3 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 50.506 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VV030583.D
Acq: 17 Apr 2023 12:30

Tgt Ion:146 Resp: 253204
Ion Ratio Lower Upper
146 100
111 41.8 32.0 48.0
148 65.0 50.6 76.0

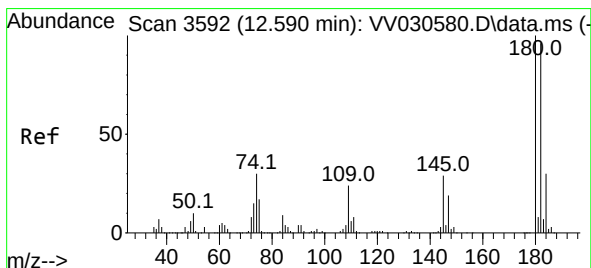
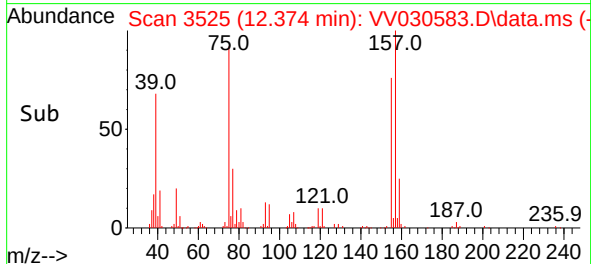
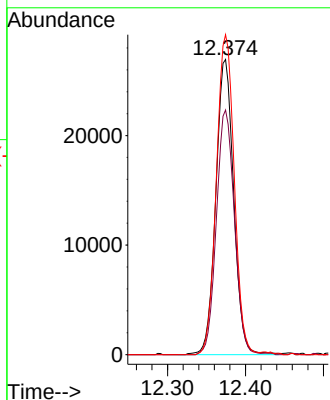
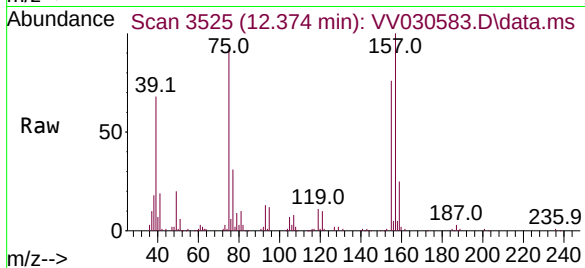




#68
 1,2-Dibromo-3-chloropropane
 Concen: 50.989 ug/L
 RT: 12.374 min Scan# 3524
 Delta R.T. 0.003 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

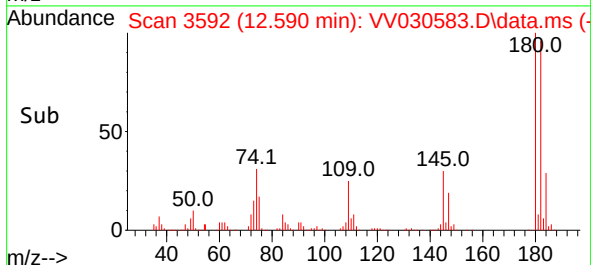
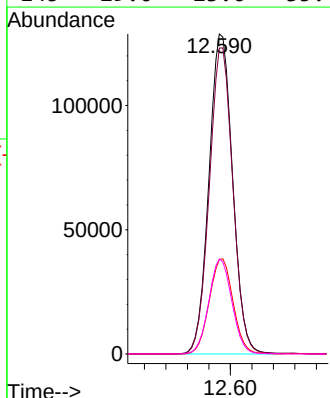
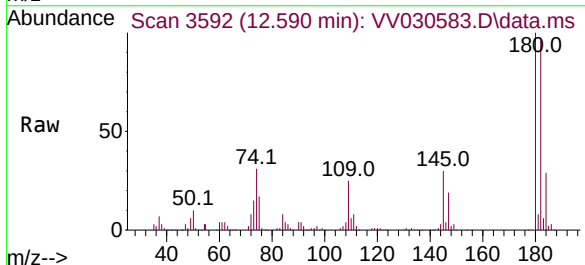
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV220

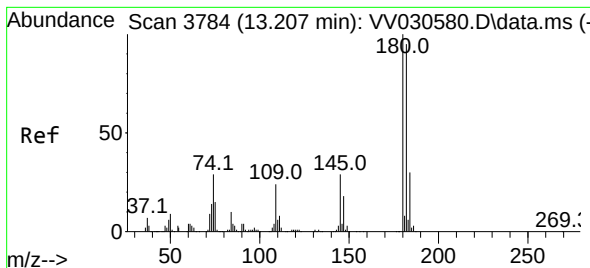
Tgt Ion: 75 Resp: 43063
 Ion Ratio Lower Upper
 75 100
 155 82.9 65.0 97.6
 157 108.4 84.4 126.6



#69
 1,3,5-Trichlorobenzene
 Concen: 52.378 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

Tgt Ion:180 Resp: 196627
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 184 29.9 24.1 36.1
 145 29.0 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 55.952 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV220

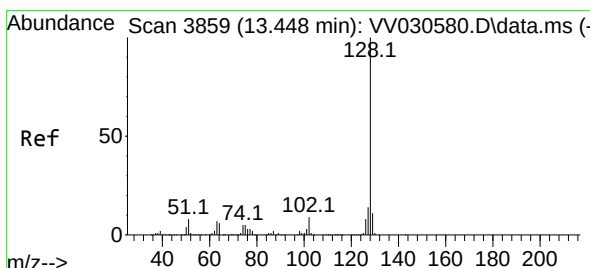
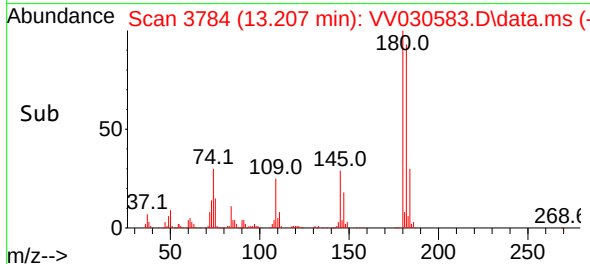
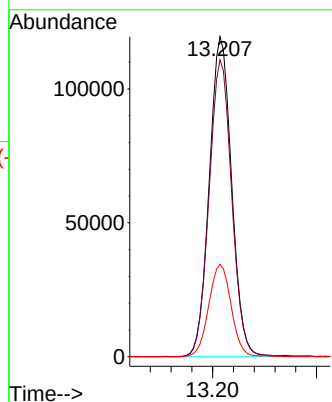
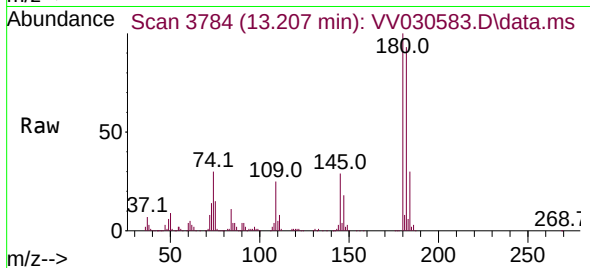
Tgt Ion:180 Resp: 178339

Ion Ratio Lower Upper

180 100

182 93.9 75.9 113.9

145 28.8 23.4 35.2



#71

Naphthalene

Concen: 64.156 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030583.D

Acq: 17 Apr 2023 12:30

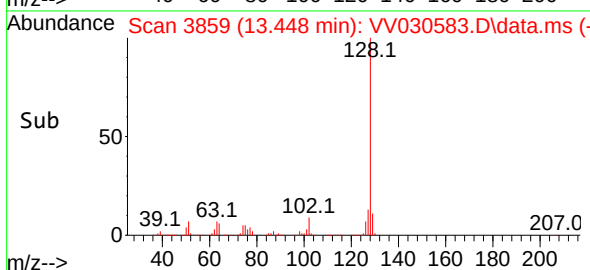
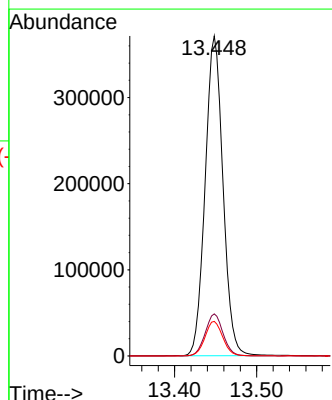
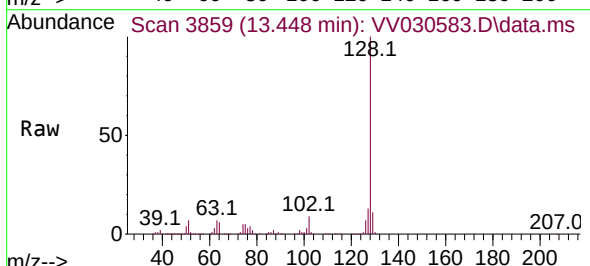
Tgt Ion:128 Resp: 559373

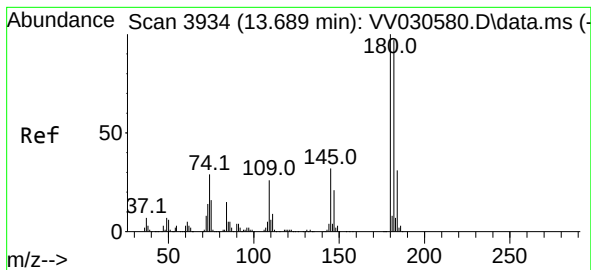
Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

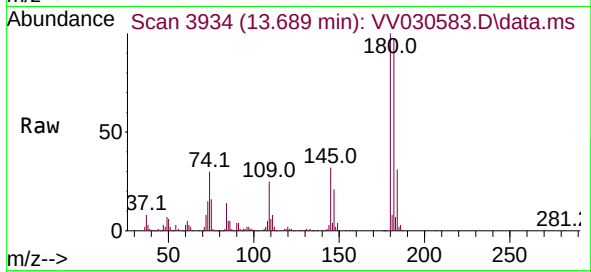
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 57.750 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.000 min
 Lab File: VV030583.D
 Acq: 17 Apr 2023 12:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV220



Tgt Ion:	180	Resp:	182524
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.4
145	31.7	25.1	37.7

