

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024160.D
 Acq On : 04 Aug 2022 11:48
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV412

Quant Time: Aug 05 00:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:43:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	300498	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	156832	24.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.880%
7) Chloroethane-d5	2.873	69	92573	23.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.640%
11) 1,1-Dichloroethene-d2	4.013	63	171527	23.962	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.840%
21) 2-Butanone-d5	7.080	46	60296	51.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.200%
24) Chloroform-d	7.641	84	218788	24.063	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	8.305	65	120107	23.793	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	8.268	84	419810	24.129	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.274	67	121934	23.736	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	10.323	98	396472	24.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.579	79	53731	23.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.920	63	50797	53.536	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123013	24.682	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	149052	24.109	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	76490	28.933	ug/L	100
3) Chloromethane	2.209	50	132821	26.788	ug/L	98
5) Vinyl chloride	2.349	62	177700	25.746	ug/L	97
6) Bromomethane	2.763	94	95179	24.051	ug/L	94
8) Chloroethane	2.910	64	75565	24.994	ug/L	98
9) Trichlorofluoromethane	3.245	101	73296	22.402	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	111993	25.379	ug/L	99
12) 1,1-Dichloroethene	4.025	96	89852	24.872	ug/L	88
14) Carbon disulfide	4.379	76	299860	25.939	ug/L	97
16) Methylene chloride	4.903	84	110926	20.933	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	105857	25.373	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	159637	26.834	ug/L	100
19) 1,1-Dichloroethane	6.214	63	188503	25.650	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	119194	26.015	ug/L #	97
22) 2-Butanone	7.171	43	69725	48.094	ug/L	98
23) Bromochloromethane	7.519	128	59903	26.253	ug/L #	89
25) Chloroform	7.671	83	208259	25.717	ug/L	92
27) 1,2-Dichloroethane	8.397	62	142803	26.207	ug/L	97
29) Cyclohexane	7.951	56	162326	26.839	ug/L	100

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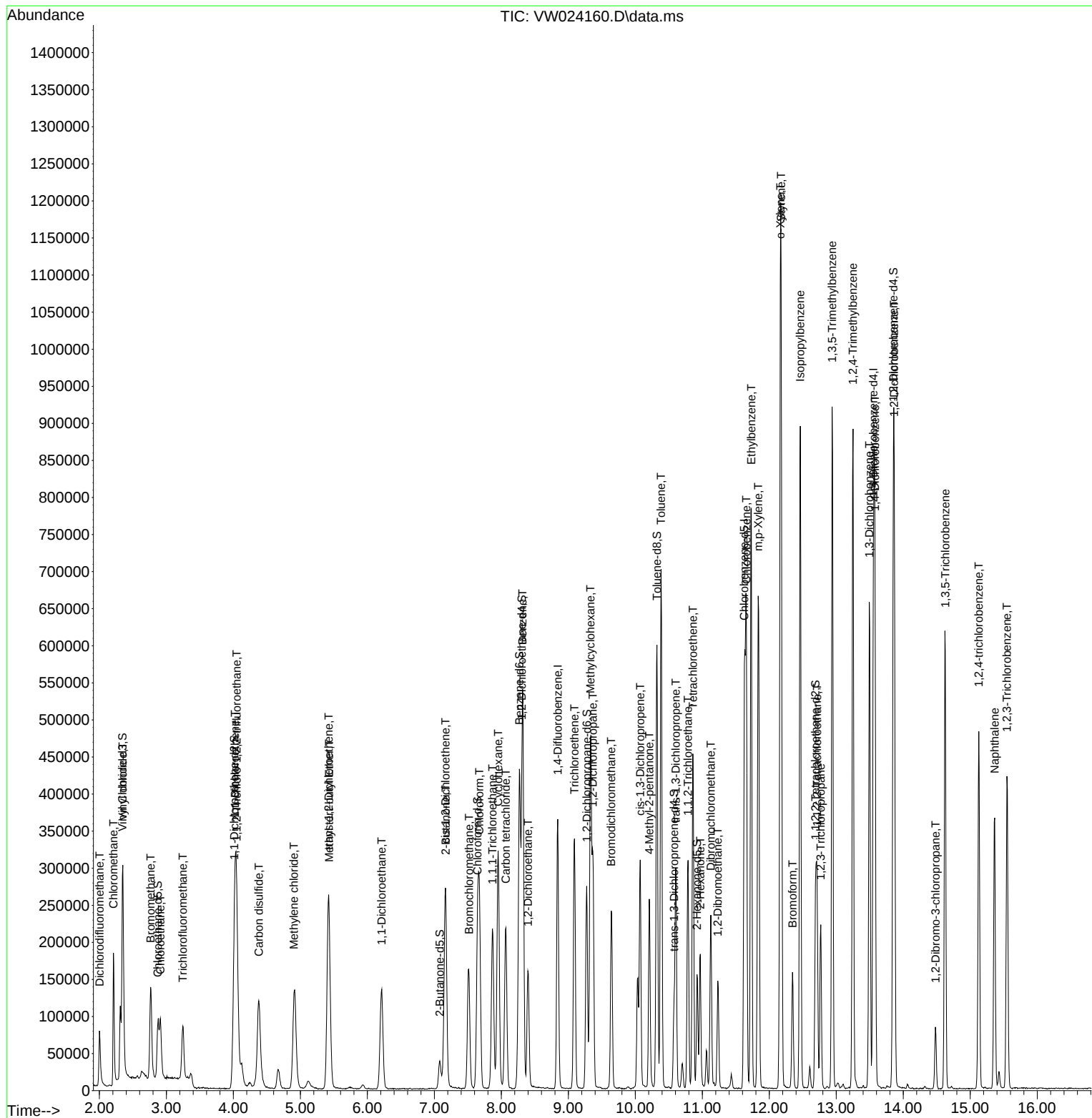
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:43:21 2022
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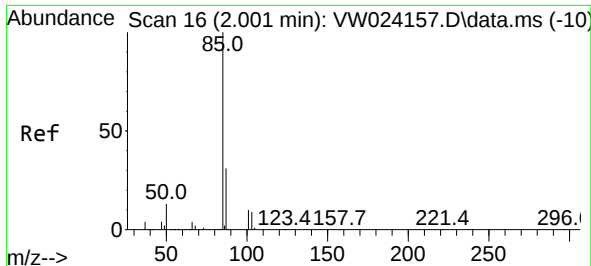
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.866	97	168871	25.383	ug/L	99
31) Carbon tetrachloride	8.067	117	160686	25.602	ug/L	98
33) Benzene	8.317	78	448369	25.733	ug/L	100
34) Trichloroethene	9.092	95	115175	25.009	ug/L	97
35) Methylcyclohexane	9.329	83	188908	26.157	ug/L	99
37) 1,2-Dichloropropane	9.366	63	110881	25.744	ug/L	99
38) Bromodichloromethane	9.640	83	153504	25.410	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	170320	26.879	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	155651	54.451	ug/L	100
42) Toluene	10.384	91	496616	26.821	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	154780	26.732	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94734	26.095	ug/L	97
46) Tetrachloroethene	10.860	164	95092	25.505	ug/L	96
48) 2-Hexanone	10.969	43	109103	56.240	ug/L	98
49) Dibromochloromethane	11.128	129	116719	26.707	ug/L	100
50) 1,2-Dibromoethane	11.231	107	93183	26.791	ug/L #	96
51) Chlorobenzene	11.658	112	327740	25.907	ug/L	93
52) Ethylbenzene	11.731	91	544542	26.843	ug/L	96
53) m,p-Xylene	11.835	106	217162	27.501	ug/L	97
54) o-Xylene	12.164	106	204686	27.438	ug/L	97
55) Styrene	12.176	104	373397	28.779	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	121468	26.773	ug/L	95
59) Bromoform	12.347	173	66735	25.896	ug/L	99
60) Isopropylbenzene	12.463	105	554019	27.088	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87563	26.043	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	475315	28.123	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	459888	27.629	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	265513	26.511	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	279144	26.322	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	243989	25.655	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	20483	26.075	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	180346	27.462	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	150766	28.667	ug/L	96
71) Naphthalene	15.365	128	306742	29.944	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	134315	28.052	ug/L	98

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

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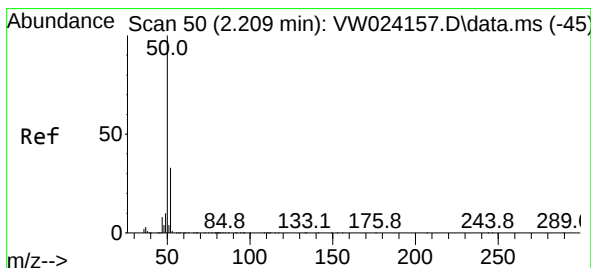
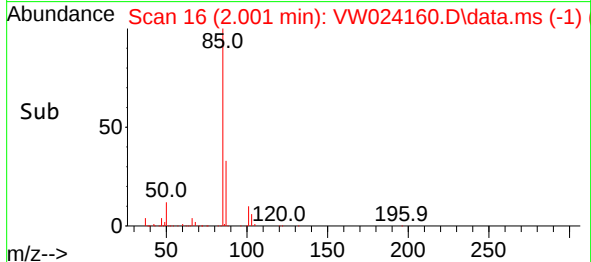
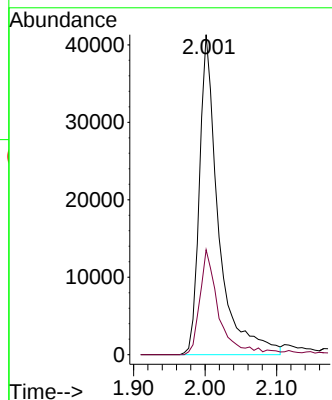
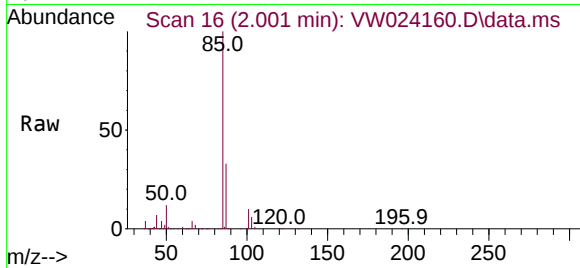




#2
 Dichlorodifluoromethane
 Concen: 28.933 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024160.D
 Acq: 04 Aug 2022 11:48

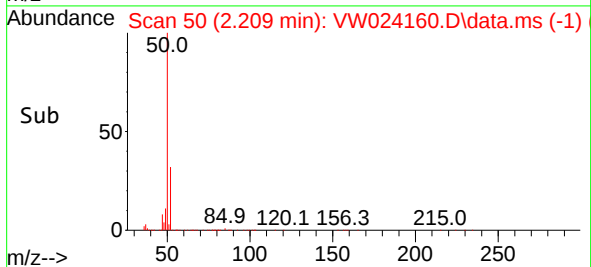
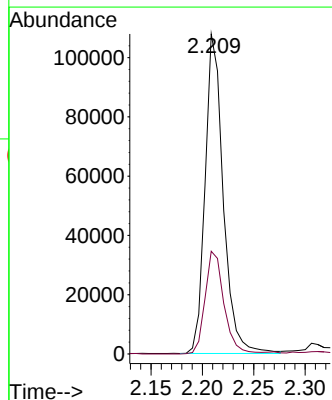
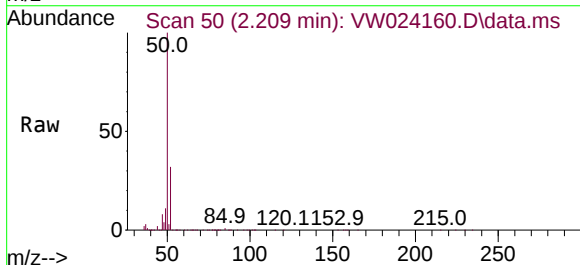
Instrument :
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 ClientSampleId :
 VICV412

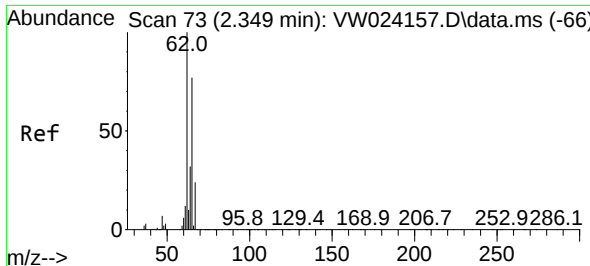
Tgt Ion: 85 Resp: 76490
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.5 36.7



#3
 Chloromethane
 Concen: 26.788 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024160.D
 Acq: 04 Aug 2022 11:48

Tgt Ion: 50 Resp: 132821
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.2 43.2

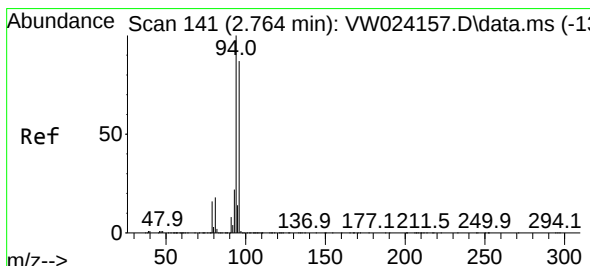
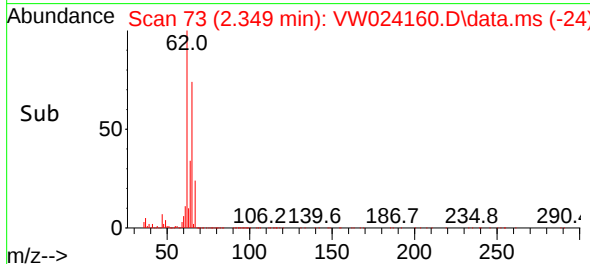
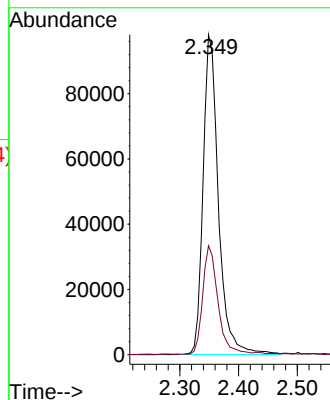
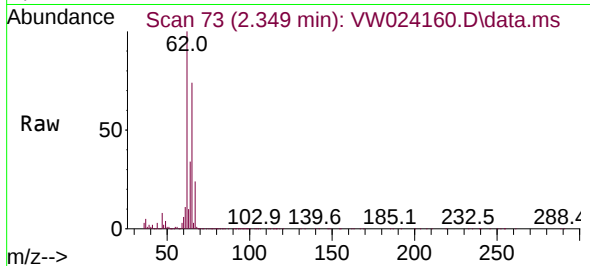




#5
 Vinyl chloride
 Concen: 25.746 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024160.D
 Acq: 04 Aug 2022 11:48

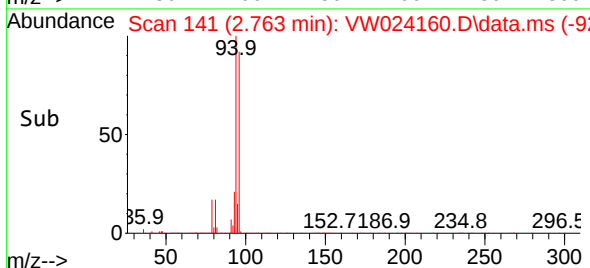
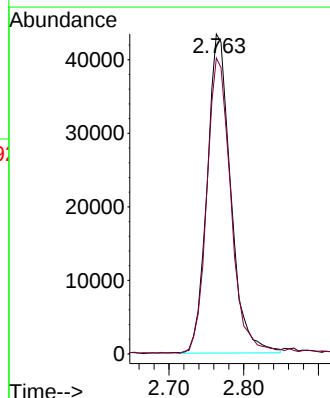
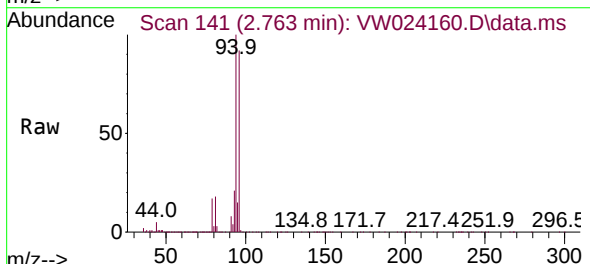
Instrument :
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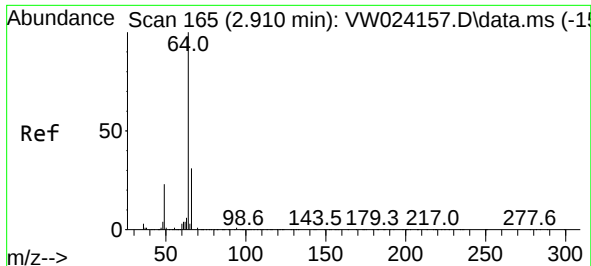
Tgt Ion: 62 Resp: 177700
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.7 42.3



#6
 Bromomethane
 Concen: 24.051 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024160.D
 Acq: 04 Aug 2022 11:48

Tgt Ion: 94 Resp: 95179
 Ion Ratio Lower Upper
 94 100
 96 92.5 61.0 113.4

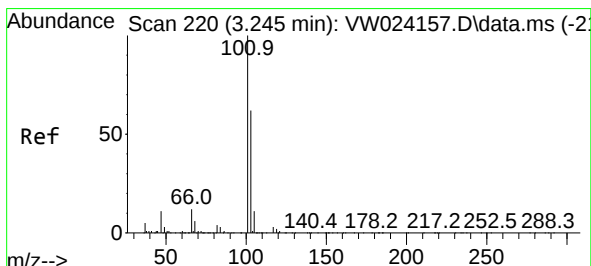
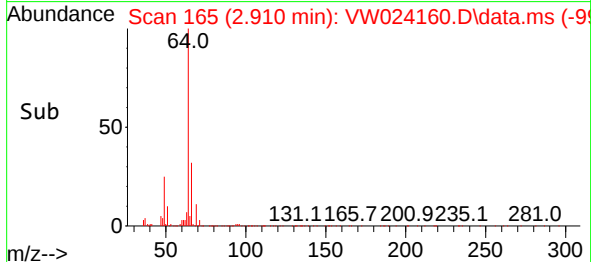
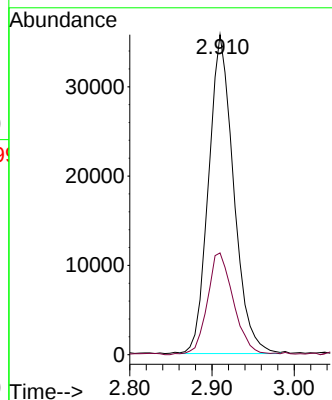
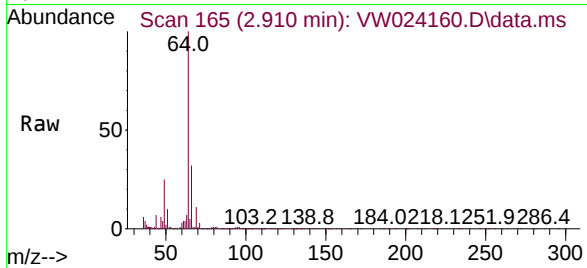




#8
Chloroethane
Concen: 24.994 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

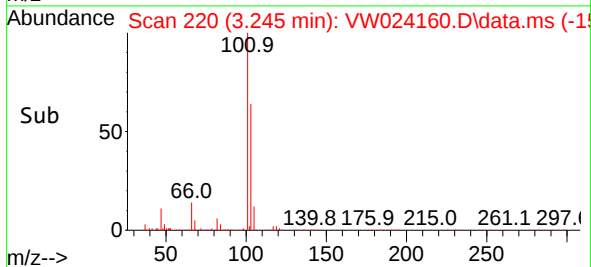
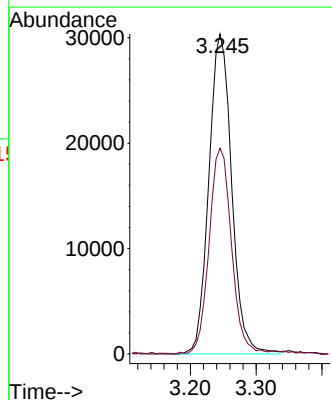
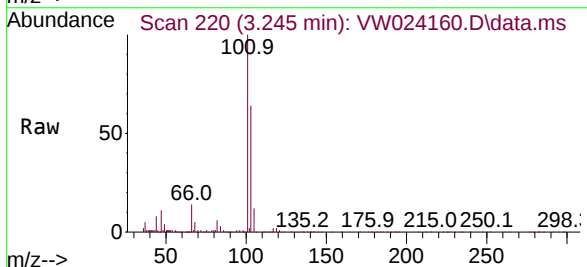
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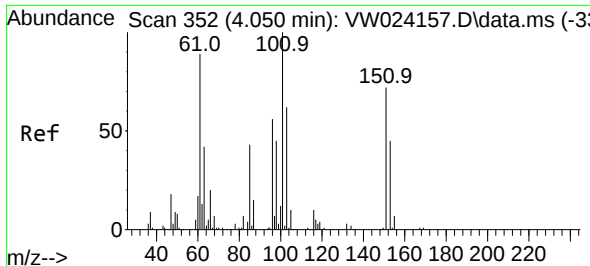
Tgt Ion: 64 Resp: 75565
Ion Ratio Lower Upper
64 100
66 31.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.402 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 101 Resp: 73296
Ion Ratio Lower Upper
101 100
103 62.5 50.5 75.7

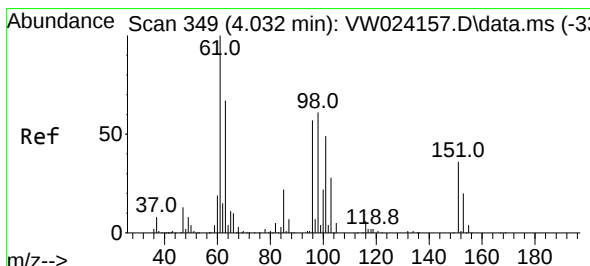
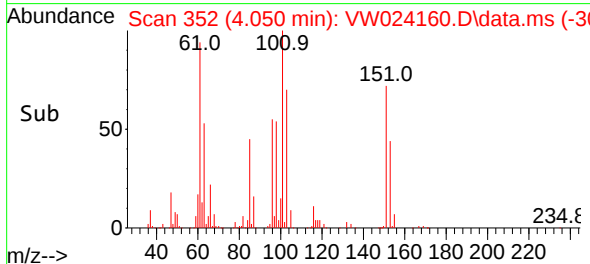
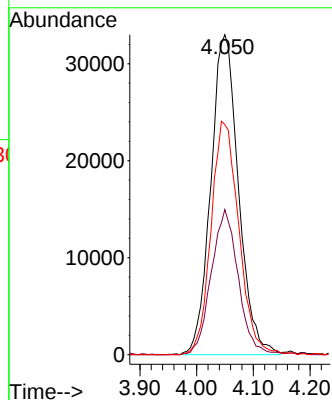
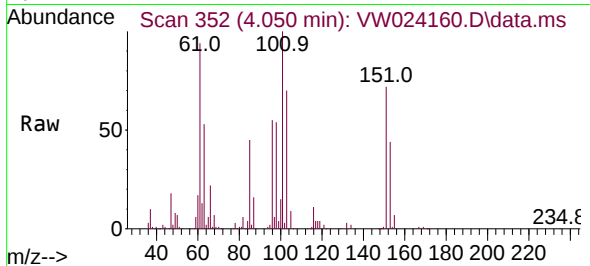




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.379 ug/L
 RT: 4.050 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VW024160.D
 Acq: 04 Aug 2022 11:48

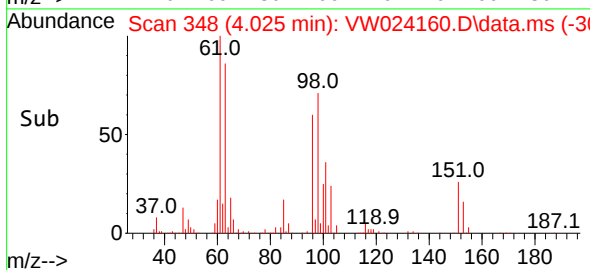
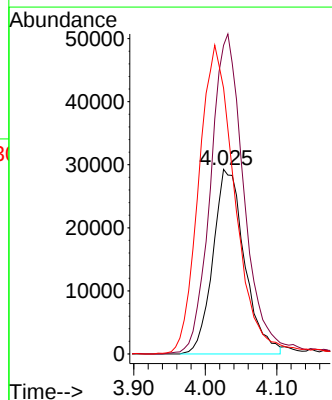
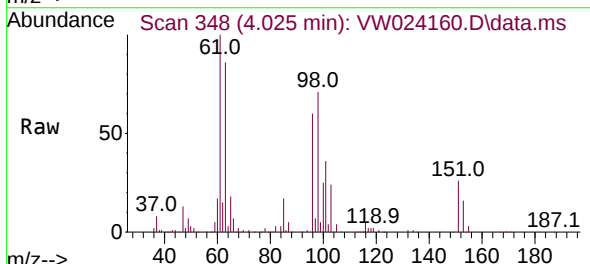
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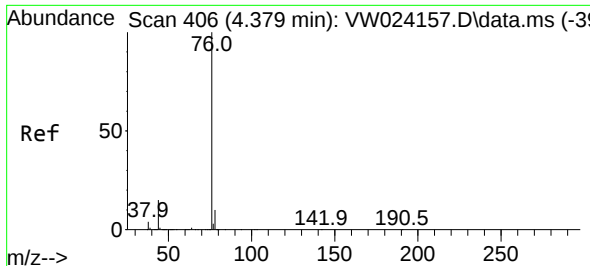
Tgt Ion:101 Resp: 111993
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.9 52.3
 151 72.8 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 24.872 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024160.D
 Acq: 04 Aug 2022 11:48

Tgt Ion: 96 Resp: 89852
 Ion Ratio Lower Upper
 96 100
 61 167.2 123.1 228.5
 63 144.0 84.9 157.7

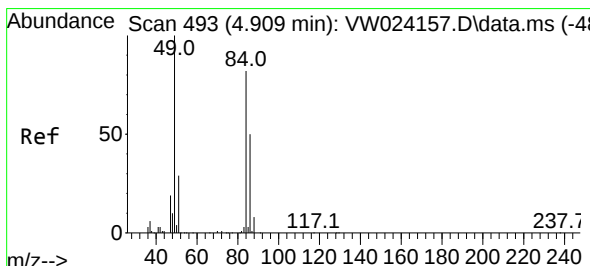
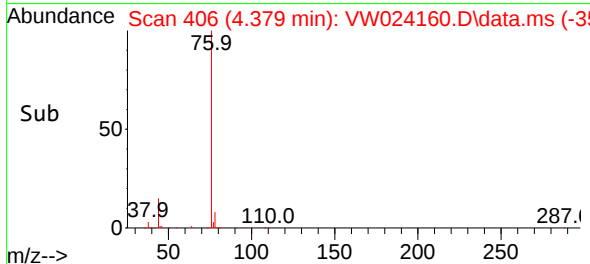
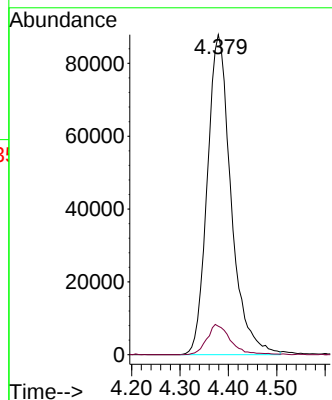
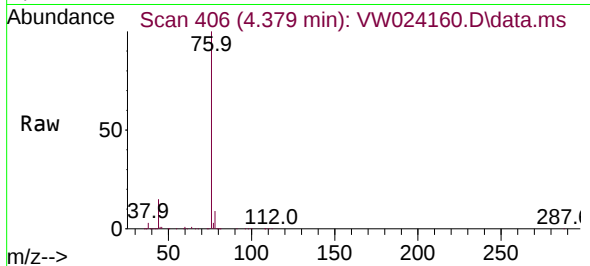




#14
Carbon disulfide
Concen: 25.939 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

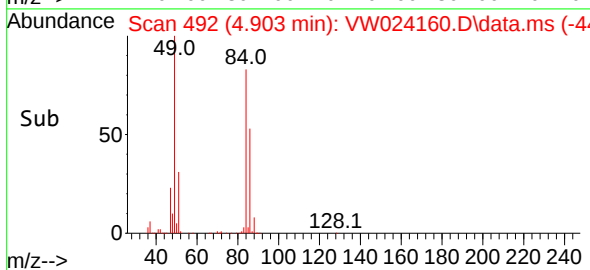
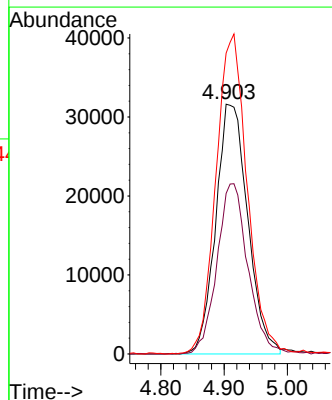
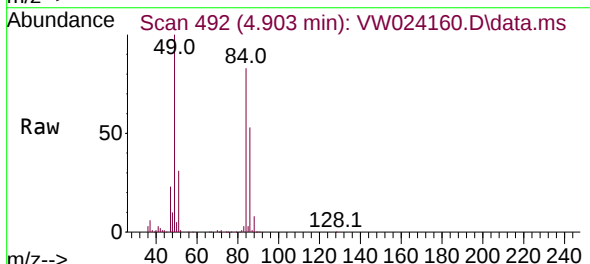
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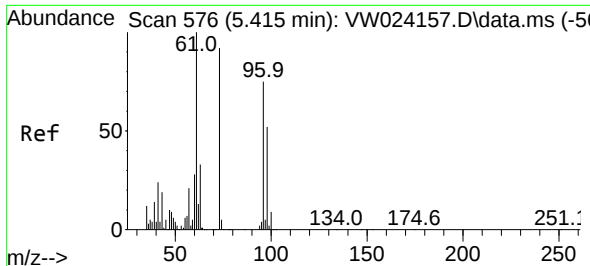
Tgt Ion: 76 Resp: 299860
Ion Ratio Lower Upper
76 100
78 8.9 7.9 11.9



#16
Methylene chloride
Concen: 20.933 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 84 Resp: 110926
Ion Ratio Lower Upper
84 100
86 64.3 42.8 79.6
49 120.4 85.3 158.3

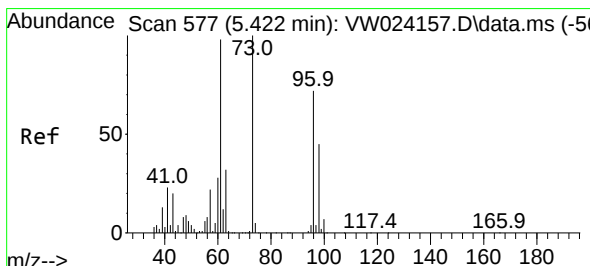
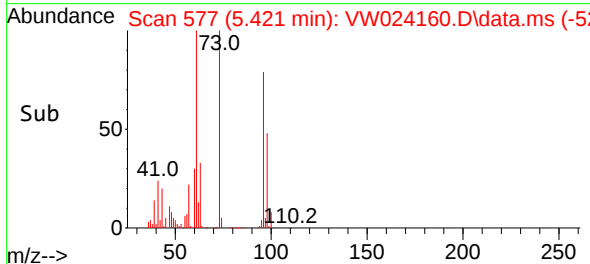
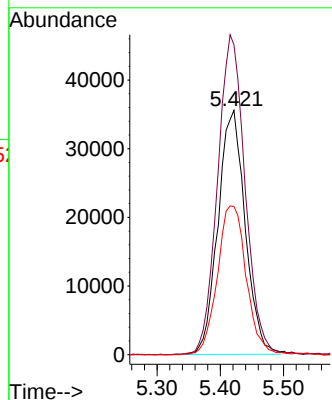
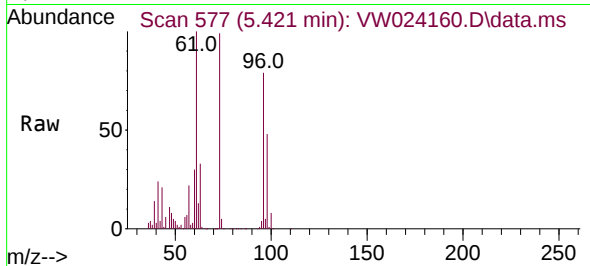




#17
trans-1,2-Dichloroethene
Concen: 25.373 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

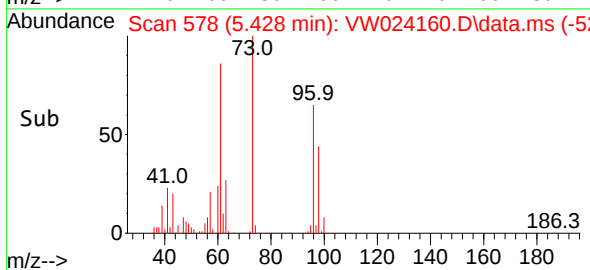
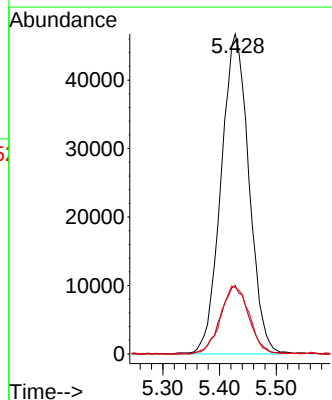
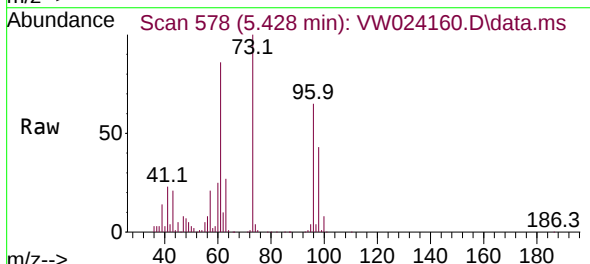
Instrument :
MSVOA_W
ClientSampleId :
VICV412

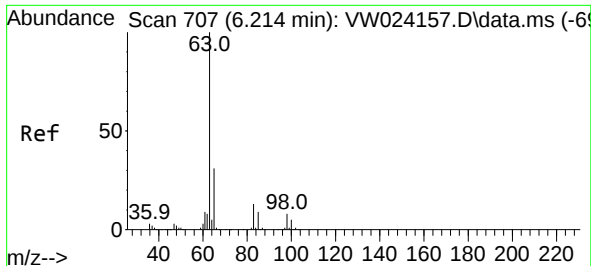
Tgt Ion: 96 Resp: 105857
Ion Ratio Lower Upper
96 100
61 126.8 93.0 172.8
98 60.6 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 26.834 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 73 Resp: 159637
Ion Ratio Lower Upper
73 100
43 21.2 16.6 24.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.650 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

VICV412

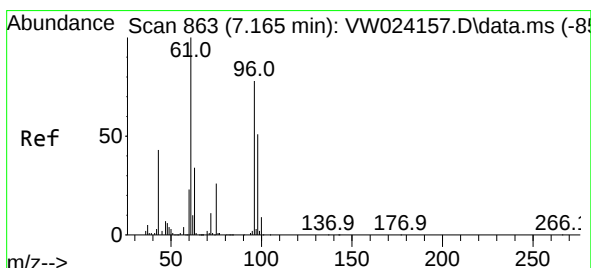
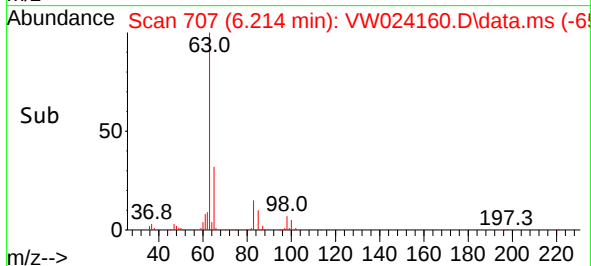
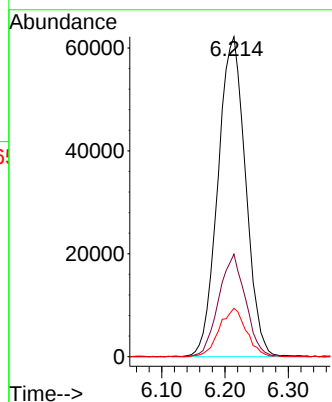
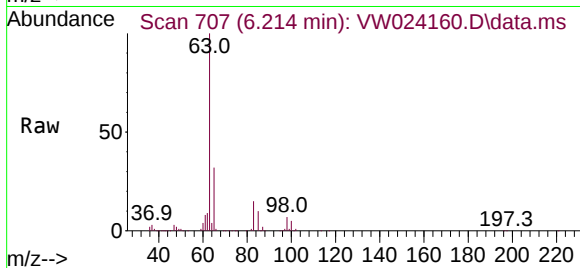
Tgt Ion: 63 Resp: 188503

Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 15.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.015 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

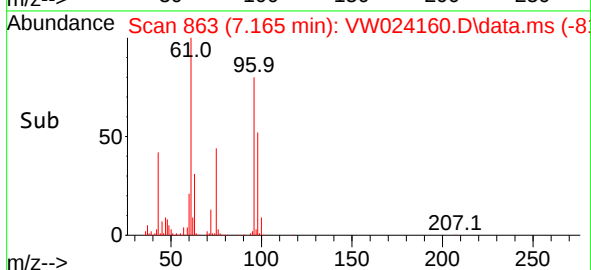
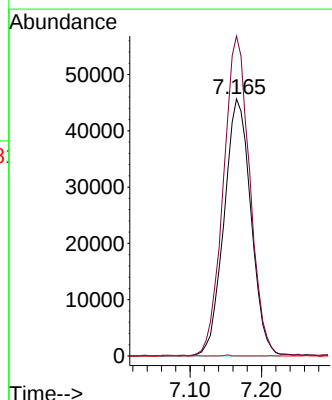
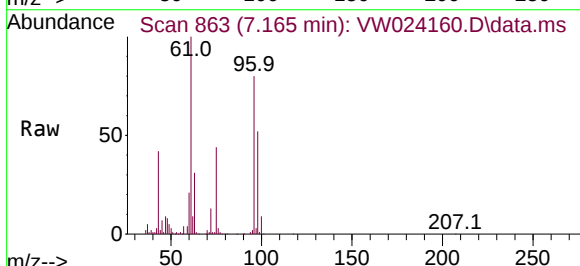
Tgt Ion: 96 Resp: 119194

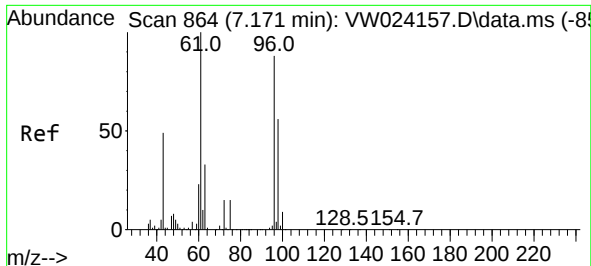
Ion Ratio Lower Upper

96 100

61 124.4 89.5 166.3

68 0.0 0.1 0.1#

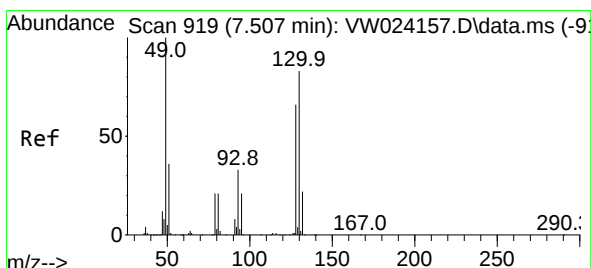
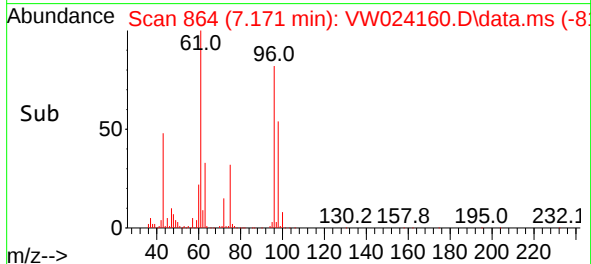
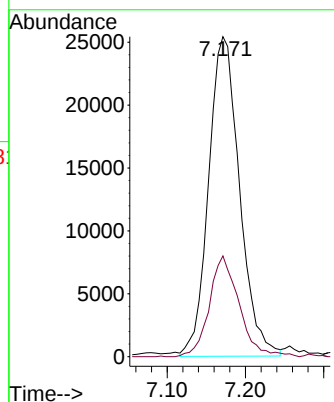
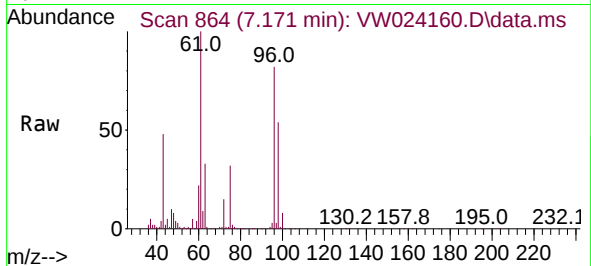




#22
2-Butanone
Concen: 48.094 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

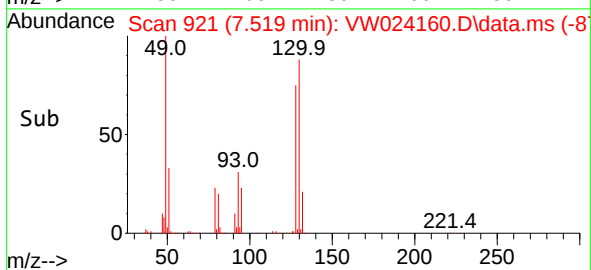
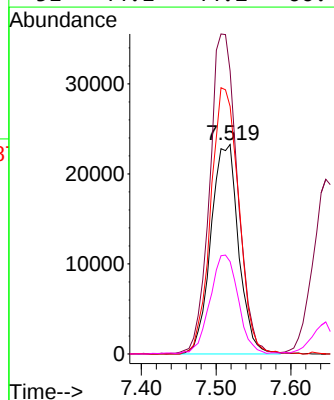
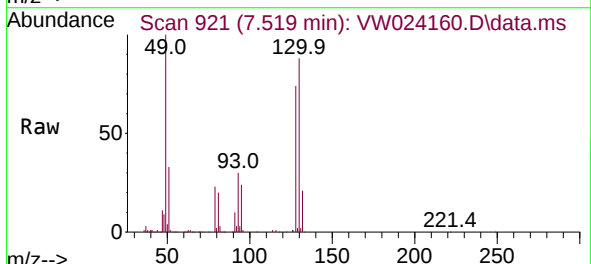
Instrument :
MSVOA_W
ClientSampleId :
VICV412

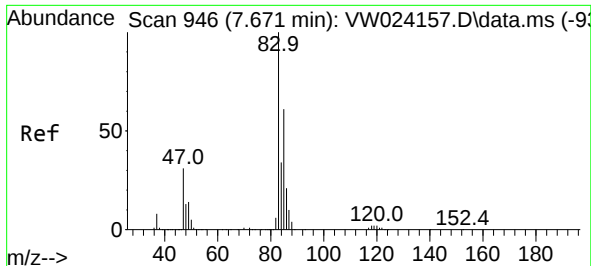
Tgt Ion: 43 Resp: 69725
Ion Ratio Lower Upper
43 100
72 29.7 14.3 42.9



#23
Bromochloromethane
Concen: 26.253 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.012 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 128 Resp: 59903
Ion Ratio Lower Upper
128 100
49 135.1 106.6 198.0
130 118.2 88.1 163.5
51 44.1 44.2 66.4

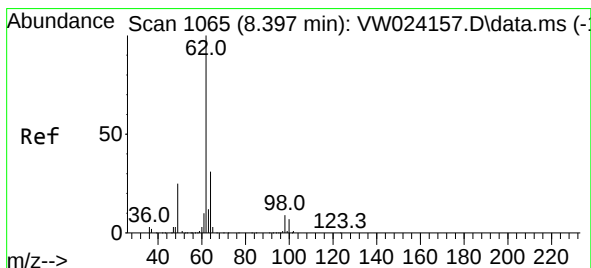
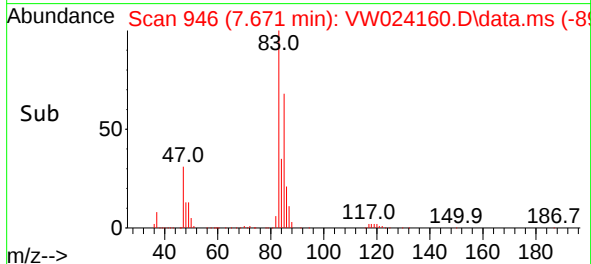
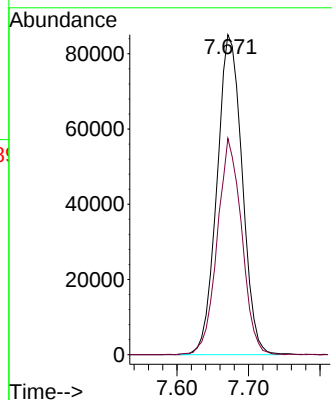
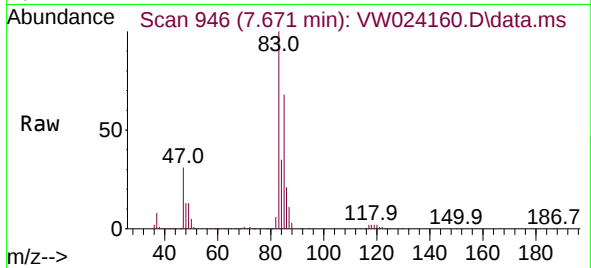




#25
Chloroform
Concen: 25.717 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

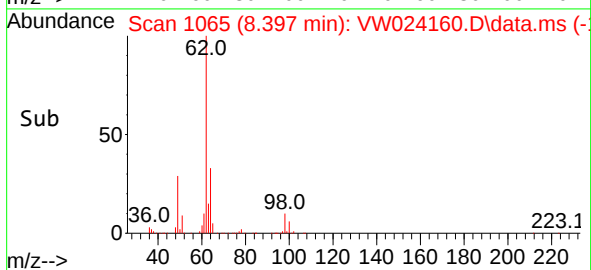
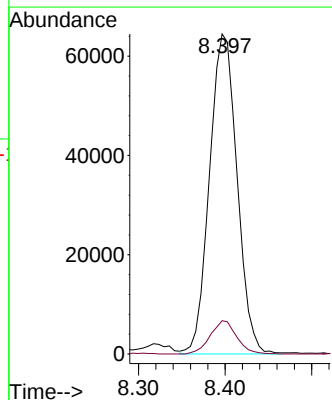
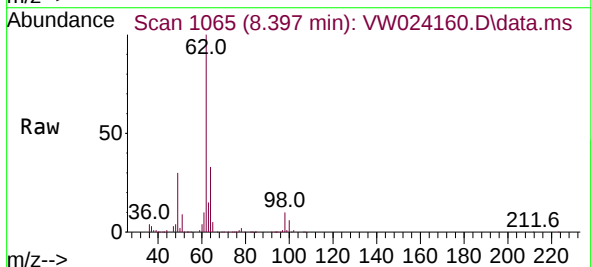
Instrument :
MSVOA_W
ClientSampleId :
VICV412

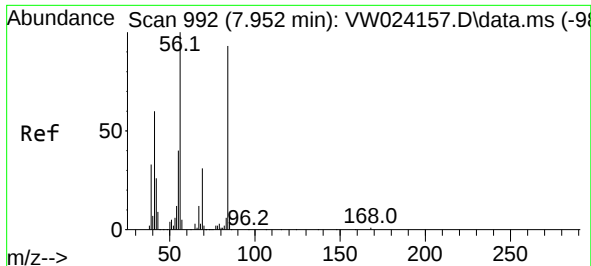
Tgt Ion: 83 Resp: 208259
Ion Ratio Lower Upper
83 100
85 67.6 42.9 79.7



#27
1,2-Dichloroethane
Concen: 26.207 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 62 Resp: 142803
Ion Ratio Lower Upper
62 100
98 10.4 7.4 11.0





#29

Cyclohexane

Concen: 26.839 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

VICV412

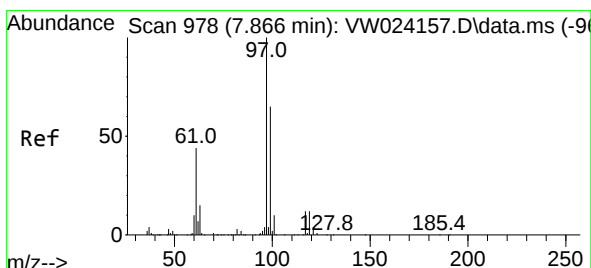
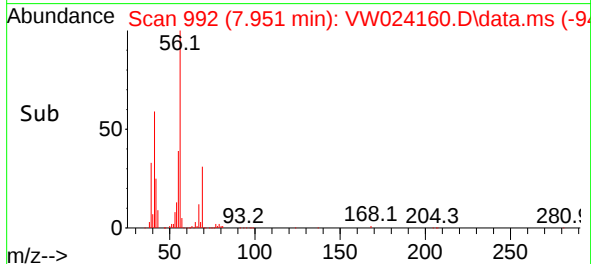
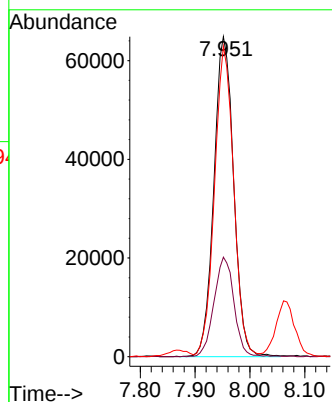
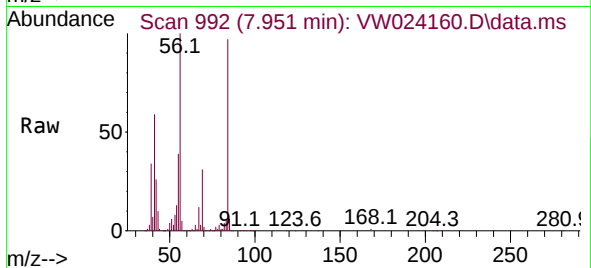
Tgt Ion: 56 Resp: 162326

Ion Ratio Lower Upper

56 100

69 31.3 24.5 36.7

84 94.4 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 25.383 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

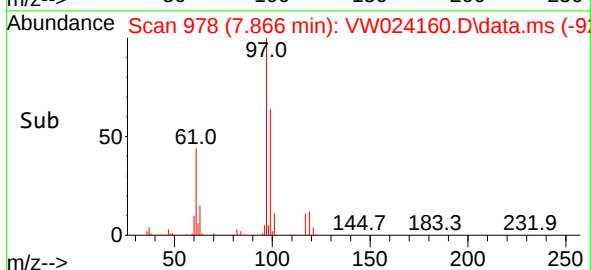
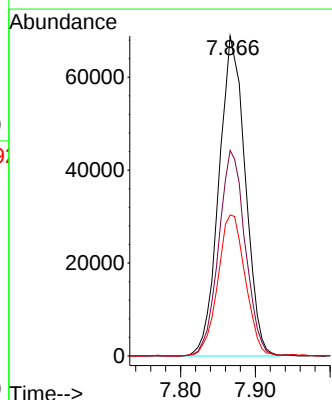
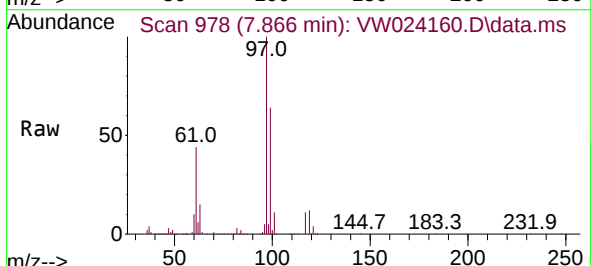
Tgt Ion: 97 Resp: 168871

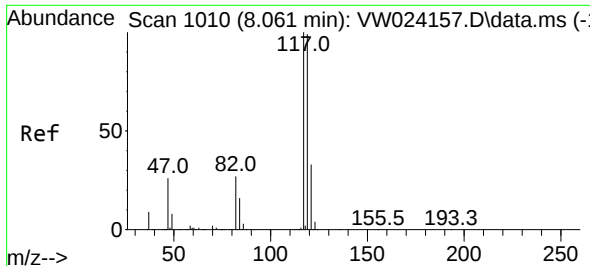
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.6

61 46.1 36.2 54.2

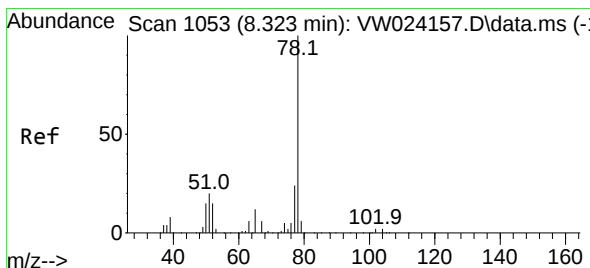
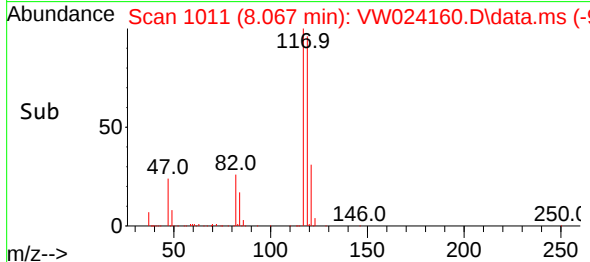
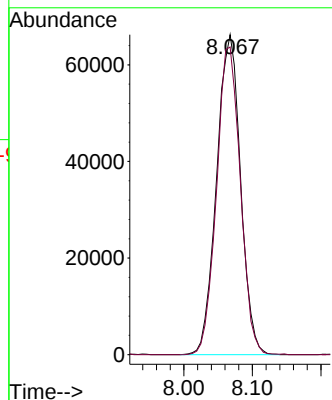
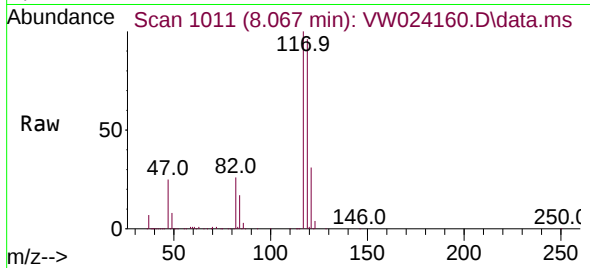




#31
Carbon tetrachloride
Concen: 25.602 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

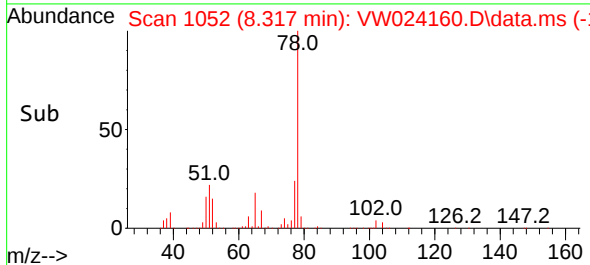
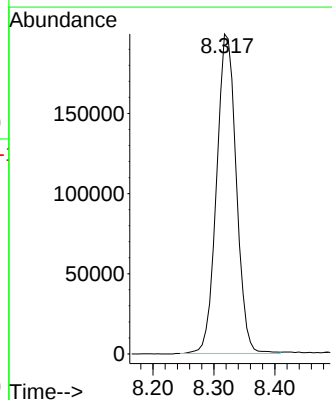
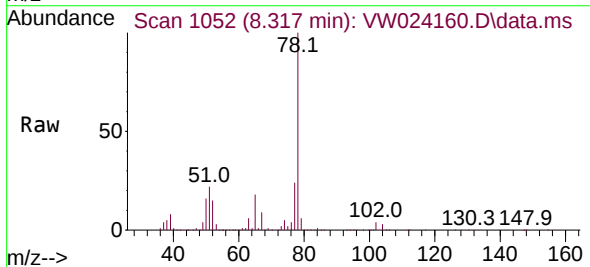
Instrument :
MSVOA_W
ClientSampleId :
VICV412

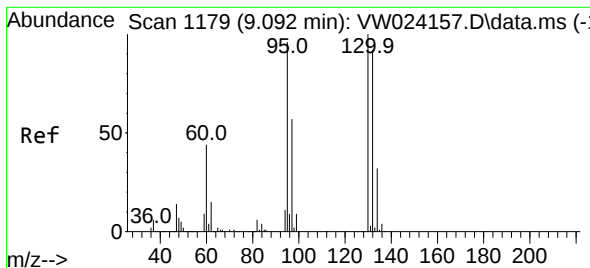
Tgt Ion:117 Resp: 160686
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.8



#33
Benzene
Concen: 25.733 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 78 Resp: 448369





#34

Trichloroethene

Concen: 25.009 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

VICV412

Tgt Ion: 95 Resp: 115175

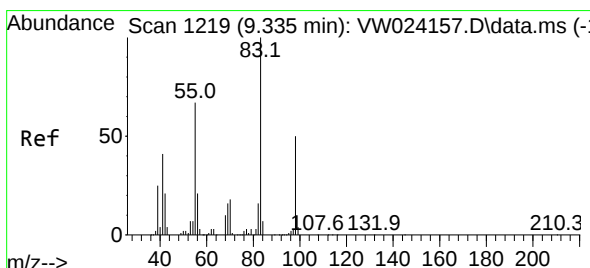
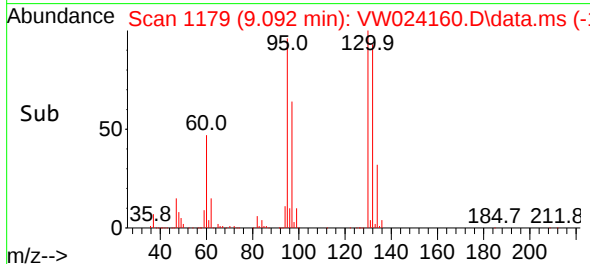
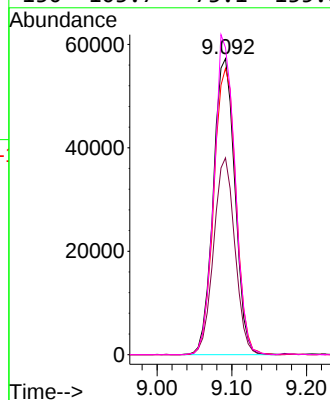
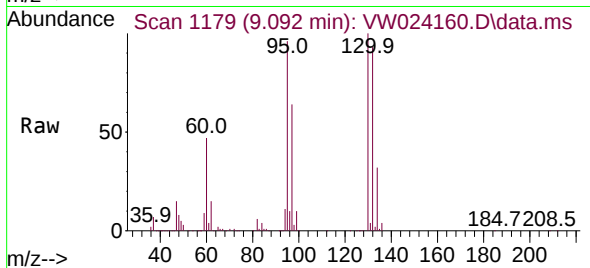
Ion Ratio Lower Upper

95 100

97 66.5 41.6 77.2

132 96.7 67.0 124.4

130 103.7 73.1 135.8



#35

Methylcyclohexane

Concen: 26.157 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

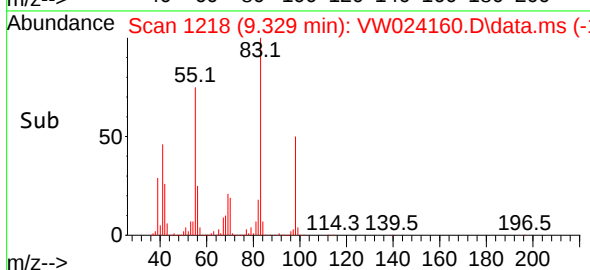
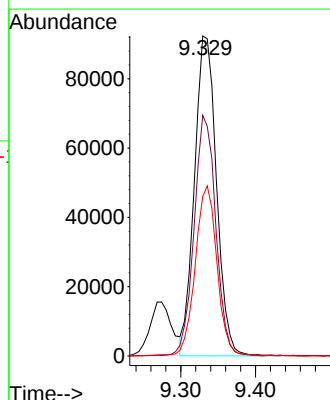
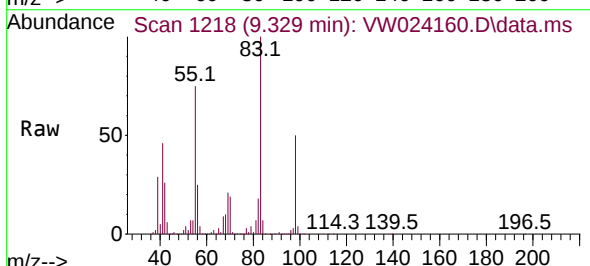
Tgt Ion: 83 Resp: 188908

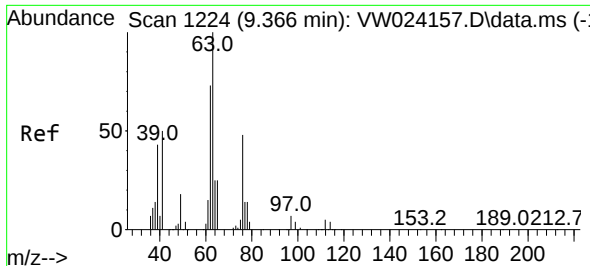
Ion Ratio Lower Upper

83 100

55 74.2 59.1 88.7

98 52.4 40.8 61.2





#37

1,2-Dichloropropane

Concen: 25.744 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

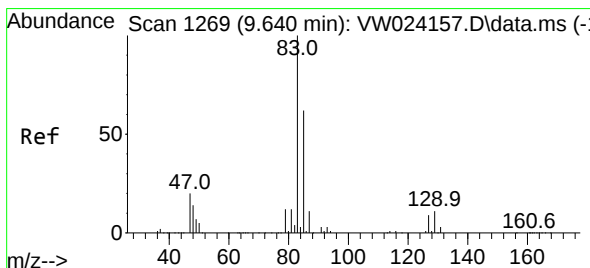
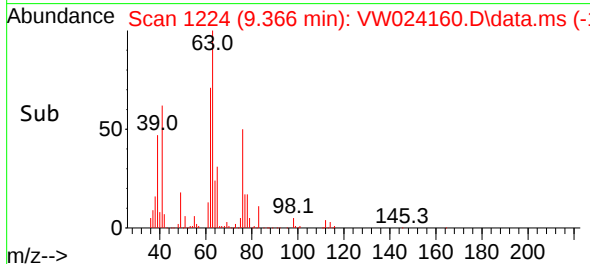
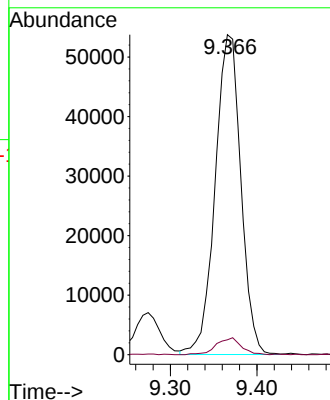
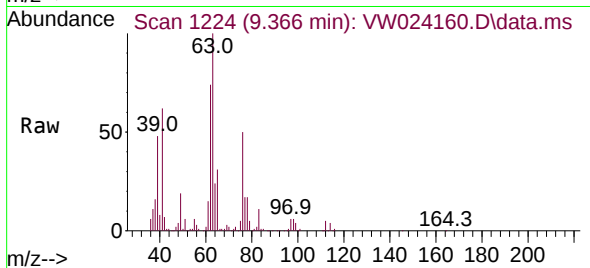
VICV412

Tgt Ion: 63 Resp: 110881

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 25.410 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

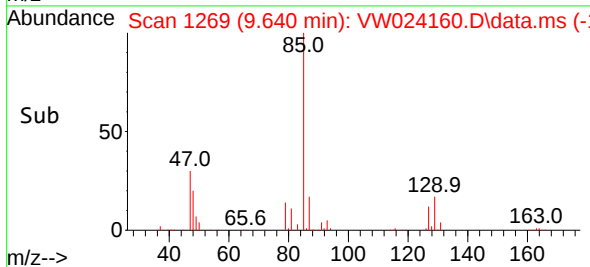
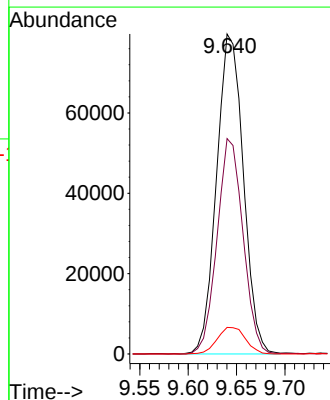
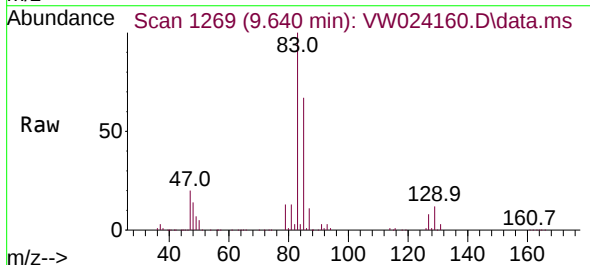
Tgt Ion: 83 Resp: 153504

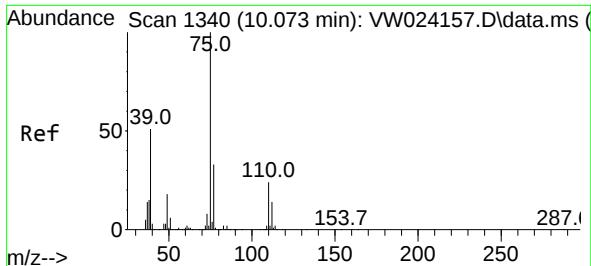
Ion Ratio Lower Upper

83 100

85 67.3 43.7 81.1

127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 26.879 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

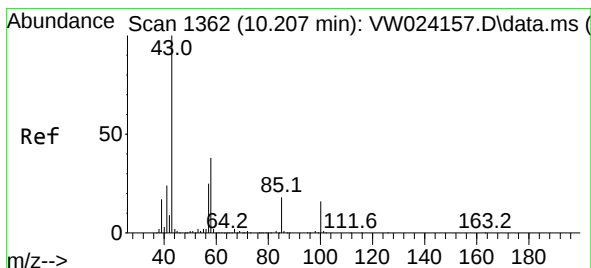
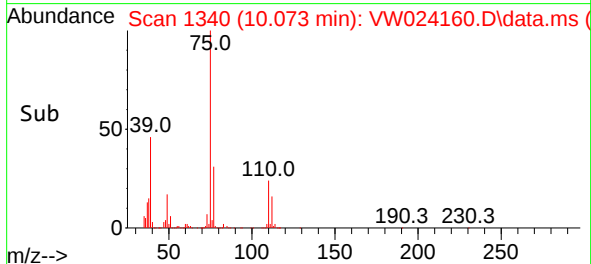
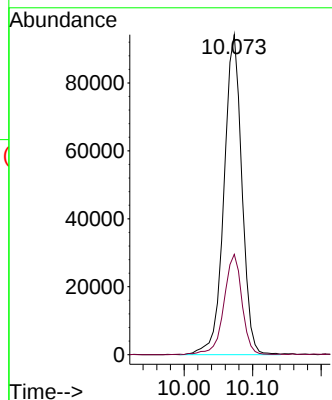
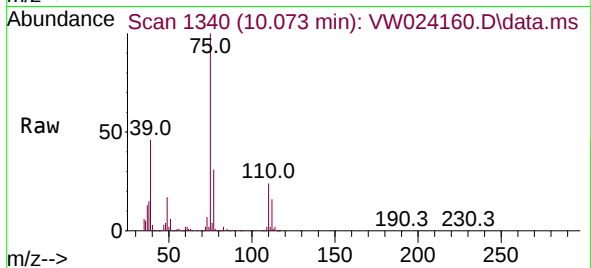
VICV412

Tgt Ion: 75 Resp: 170320

Ion Ratio Lower Upper

75 100

77 31.4 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 54.451 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

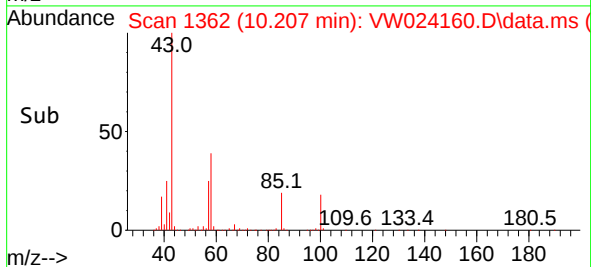
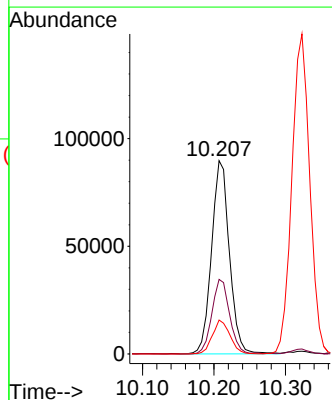
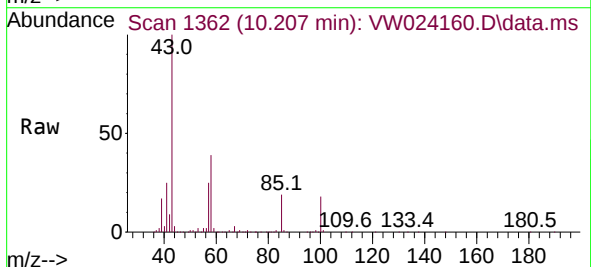
Tgt Ion: 43 Resp: 155651

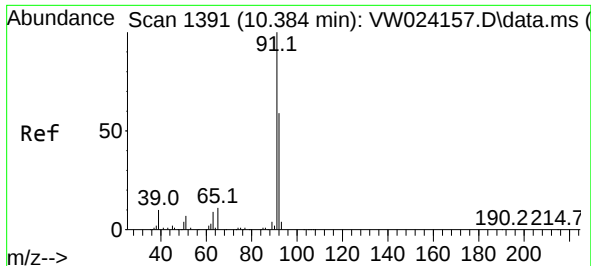
Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7

100 17.3 13.8 20.6

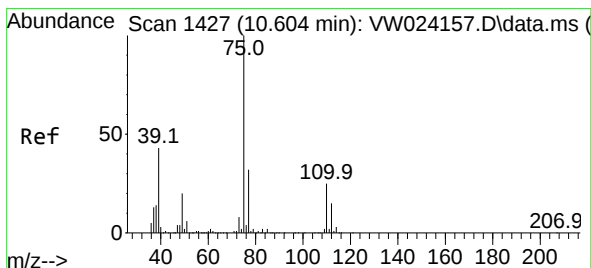
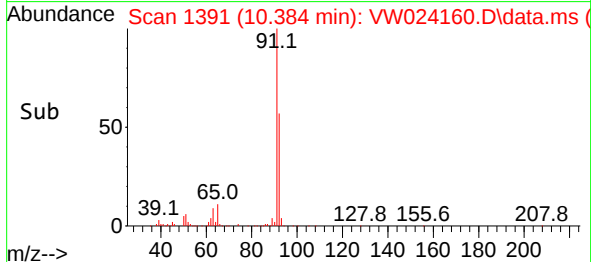
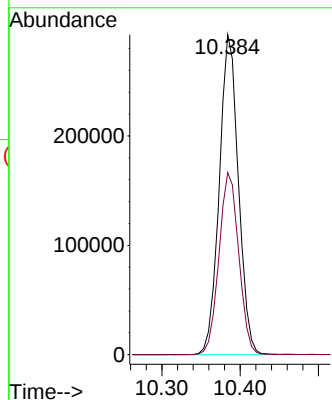
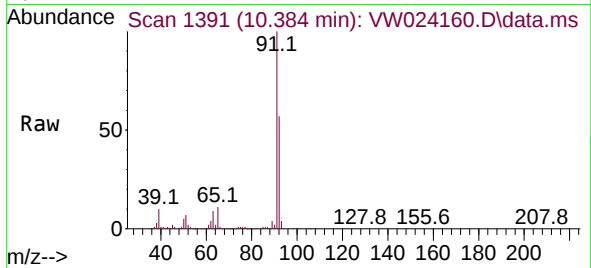




#42
Toluene
Concen: 26.821 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

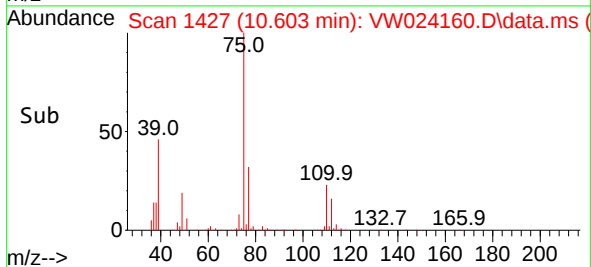
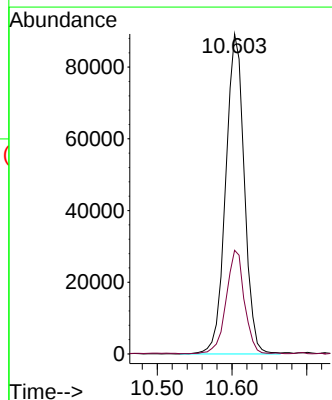
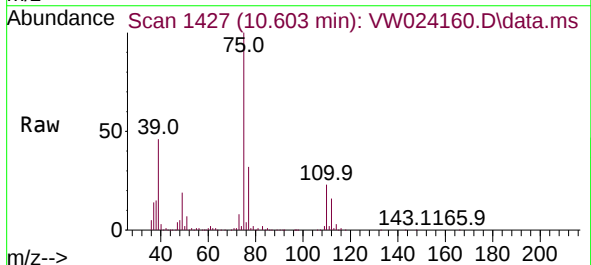
Instrument :
MSVOA_W
ClientSampleId :
VICV412

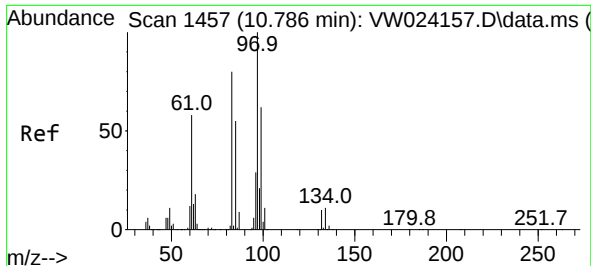
Tgt Ion: 91 Resp: 496616
Ion Ratio Lower Upper
91 100
92 56.9 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 26.732 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 75 Resp: 154780
Ion Ratio Lower Upper
75 100
77 32.4 22.4 41.6

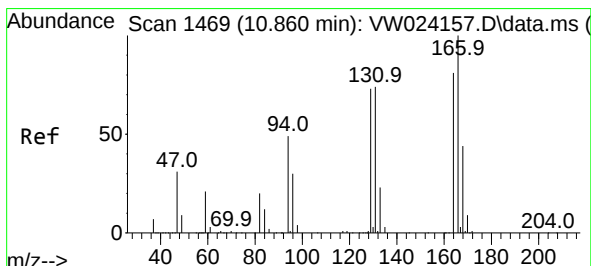
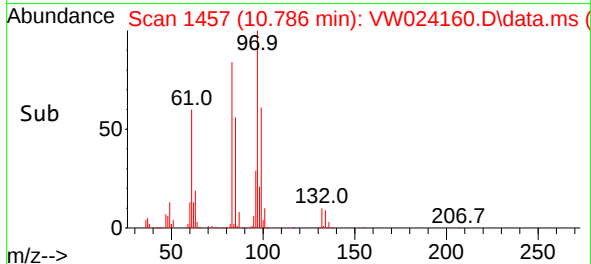
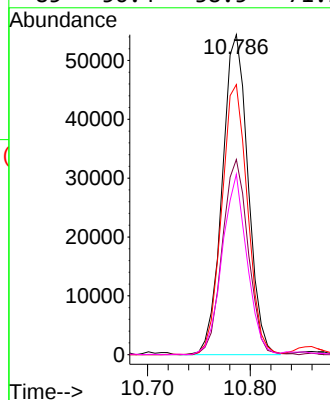
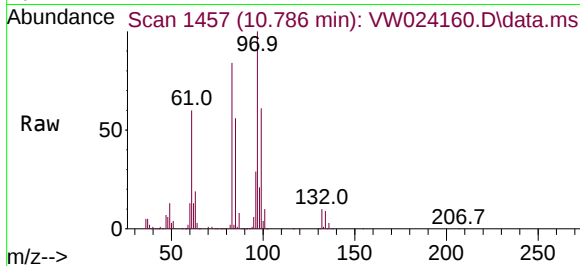




#45
1,1,2-Trichloroethane
Concen: 26.095 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

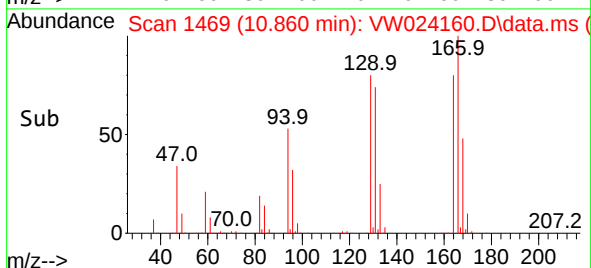
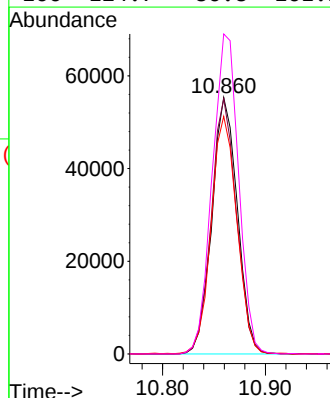
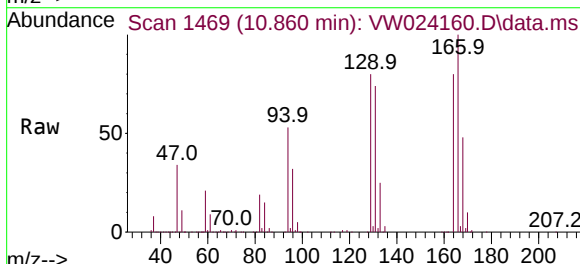
Instrument :
MSVOA_W
ClientSampleId :
VICV412

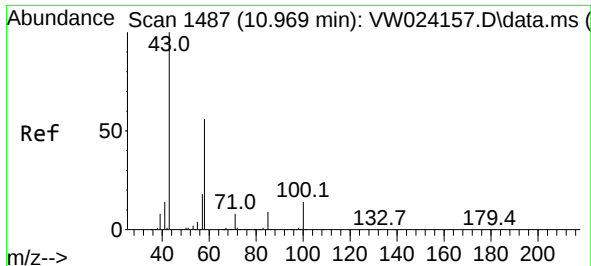
Tgt Ion:	97	Resp:	94734
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.8	81.3
83	84.4	56.4	104.7
85	56.4	38.5	71.5



#46
Tetrachloroethene
Concen: 25.505 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion:	164	Resp:	95092
Ion	Ratio	Lower	Upper
164	100		
129	99.5	63.1	117.3
131	92.6	63.9	118.7
166	124.7	86.8	161.2

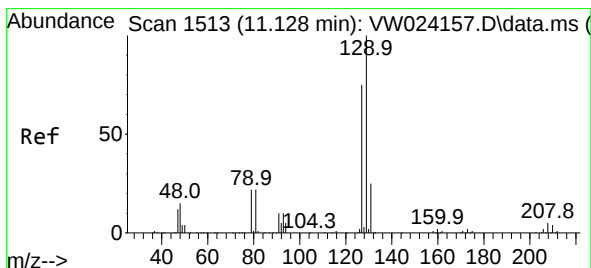
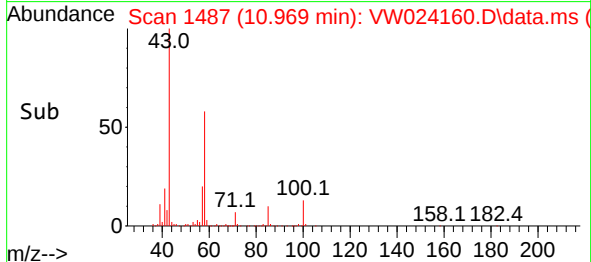
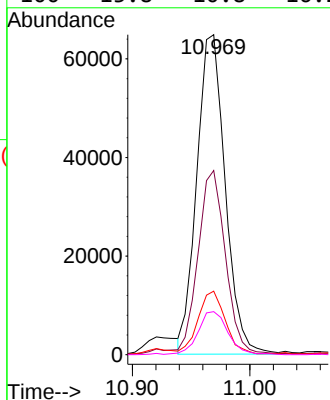
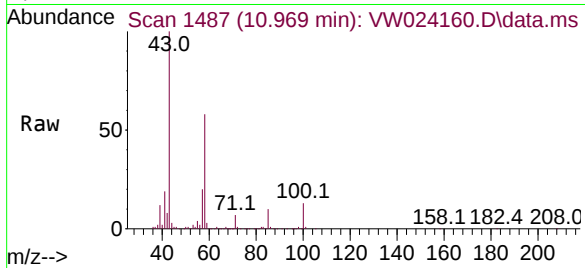




#48
2-Hexanone
Concen: 56.240 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

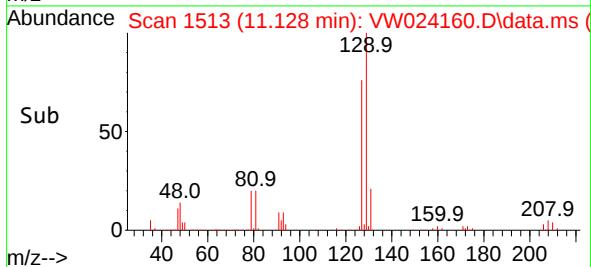
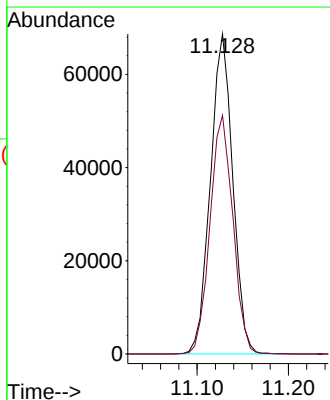
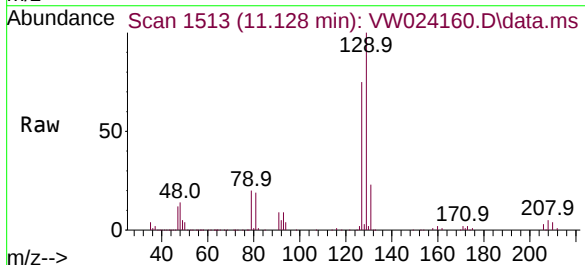
Instrument :
MSVOA_W
ClientSampleId :
VICV412

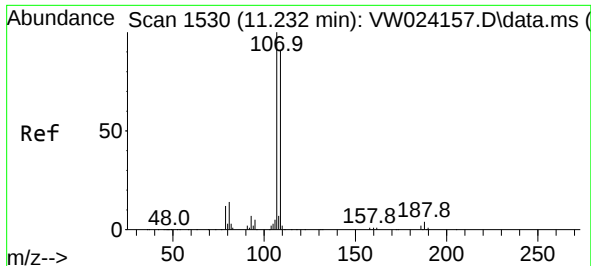
Tgt Ion: 43 Resp: 109103
Ion Ratio Lower Upper
43 100
58 55.8 43.4 65.0
57 19.0 15.0 22.4
100 13.8 10.8 16.2



#49
Dibromochloromethane
Concen: 26.707 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 129 Resp: 116719
Ion Ratio Lower Upper
129 100
127 74.6 52.3 97.1





#50

1,2-Dibromoethane

Concen: 26.791 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

VICV412

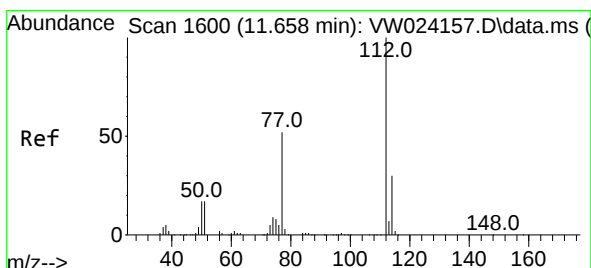
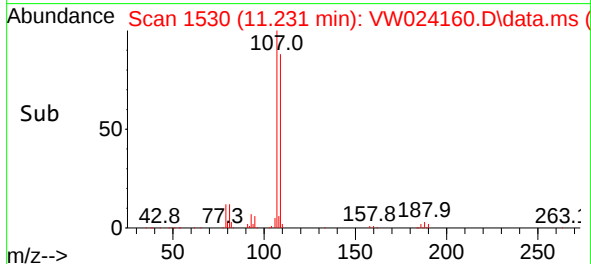
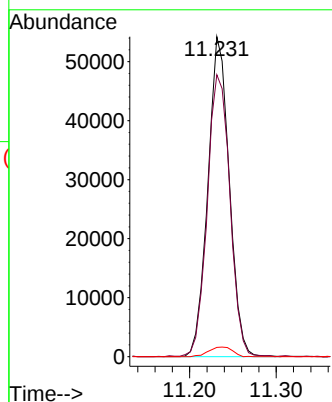
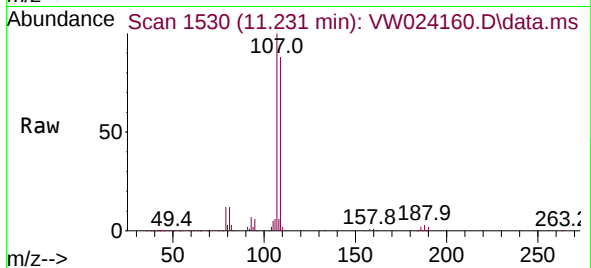
Tgt Ion:107 Resp: 93183

Ion Ratio Lower Upper

107 100

109 88.1 64.0 119.0

188 2.9 3.1 4.7#



#51

Chlorobenzene

Concen: 25.907 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

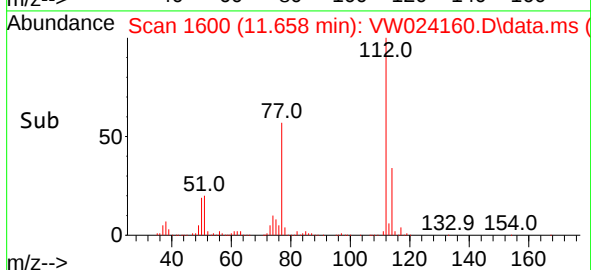
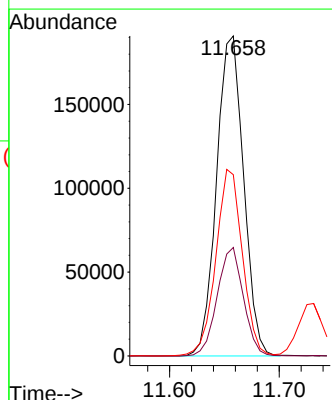
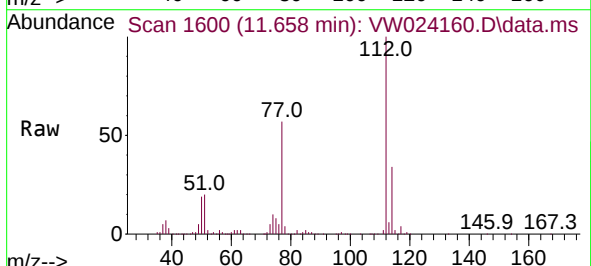
Tgt Ion:112 Resp: 327740

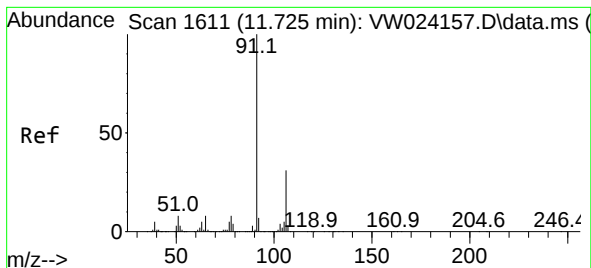
Ion Ratio Lower Upper

112 100

114 33.9 20.7 38.5

77 56.7 41.4 62.2





#52

Ethylbenzene

Concen: 26.843 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

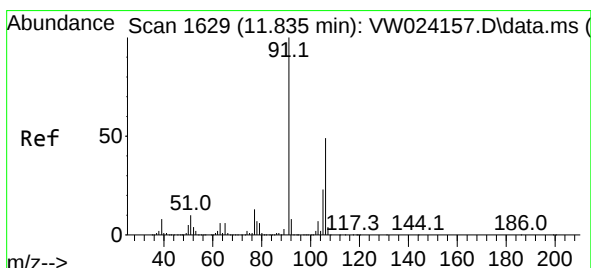
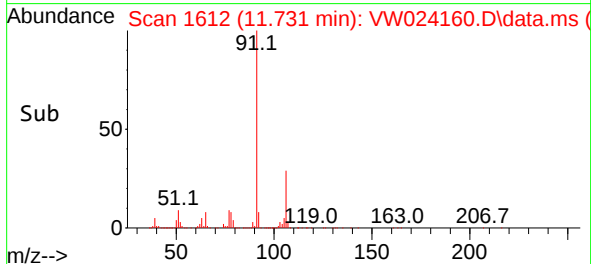
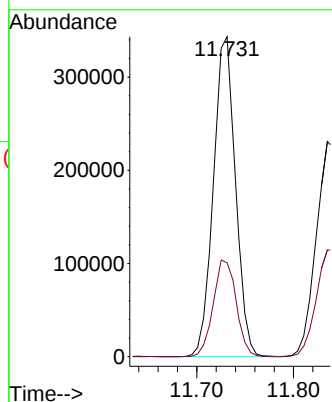
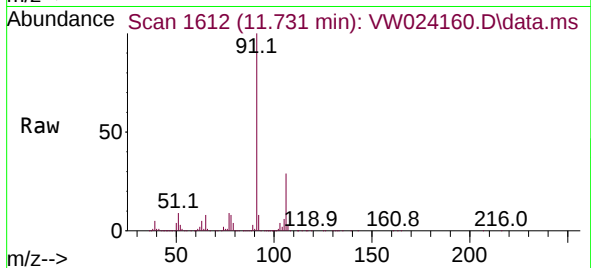
VICV412

Tgt Ion: 91 Resp: 544542

Ion Ratio Lower Upper

91 100

106 29.4 21.9 40.7



#53

m,p-Xylene

Concen: 27.501 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024160.D

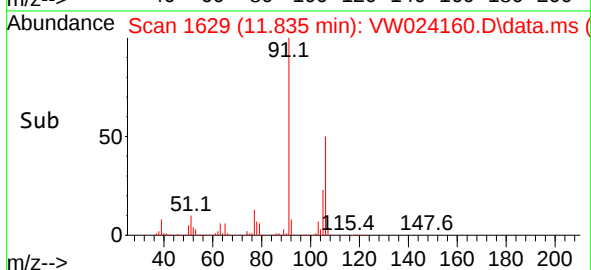
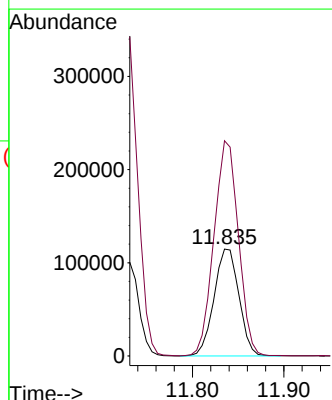
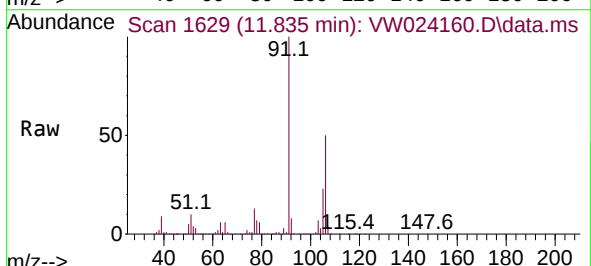
Acq: 04 Aug 2022 11:48

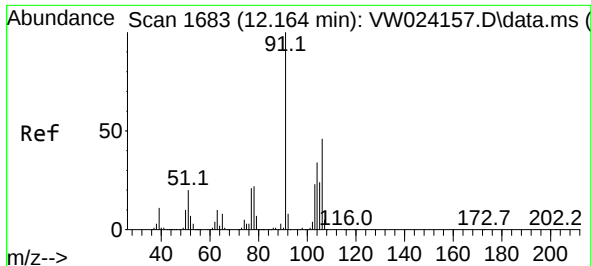
Tgt Ion:106 Resp: 217162

Ion Ratio Lower Upper

106 100

91 201.3 144.1 267.7

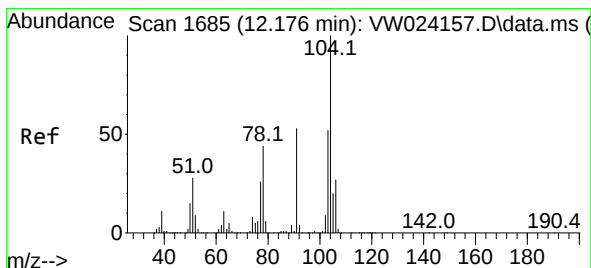
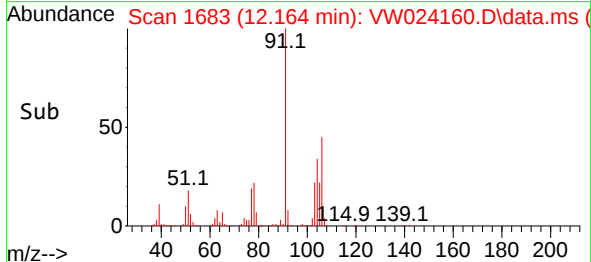
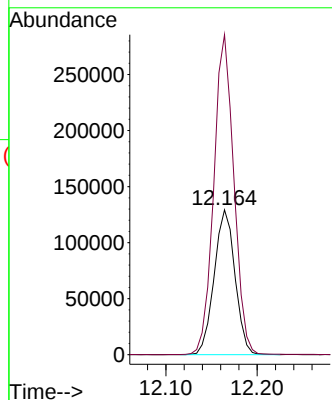
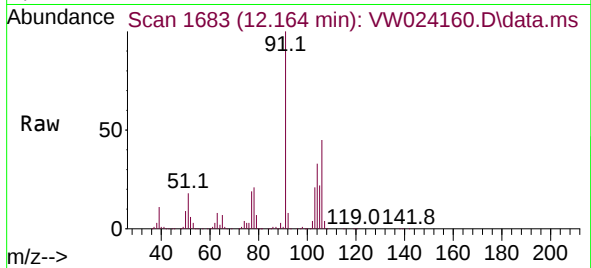




#54
o-Xylene
Concen: 27.438 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

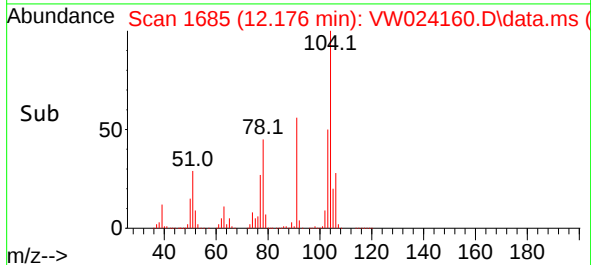
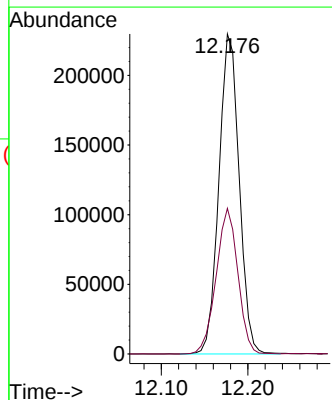
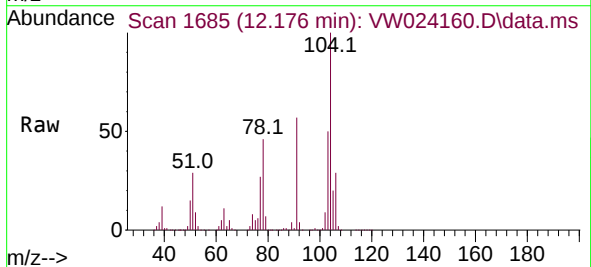
Instrument :
MSVOA_W
ClientSampleId :
VICV412

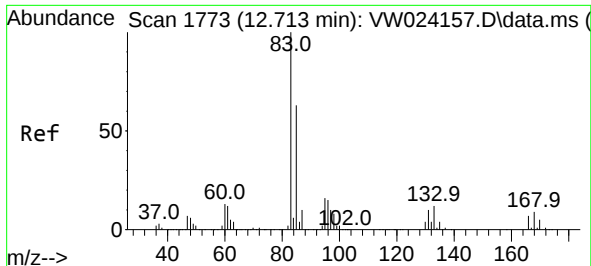
Tgt Ion:106 Resp: 204686
Ion Ratio Lower Upper
106 100
91 220.9 150.9 280.3



#55
Styrene
Concen: 28.779 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion:104 Resp: 373397
Ion Ratio Lower Upper
104 100
78 45.5 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.773 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

VICV412

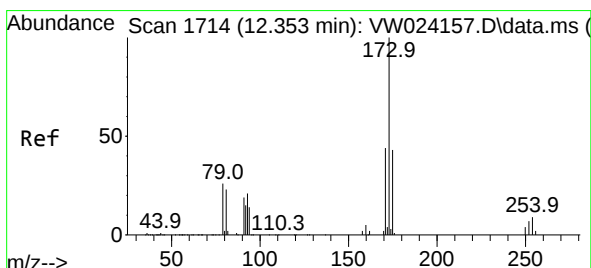
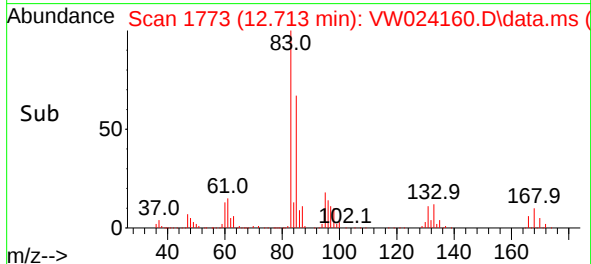
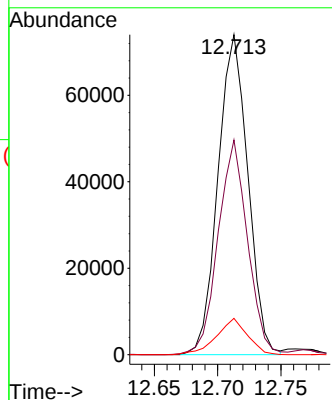
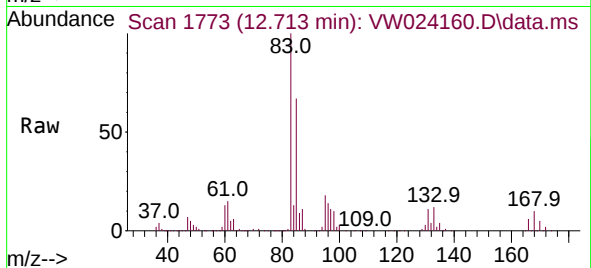
Tgt Ion: 83 Resp: 121468

Ion Ratio Lower Upper

83 100

85 67.1 44.1 81.9

131 11.3 8.3 12.5



#59

Bromoform

Concen: 25.896 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

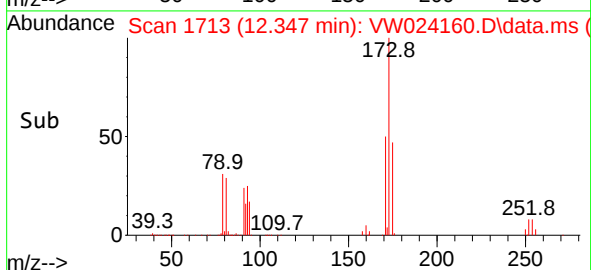
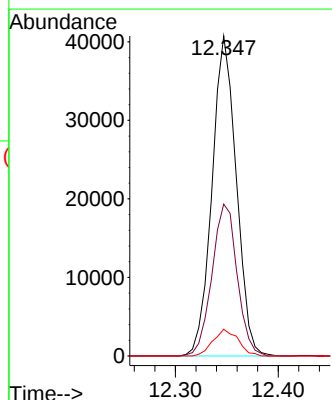
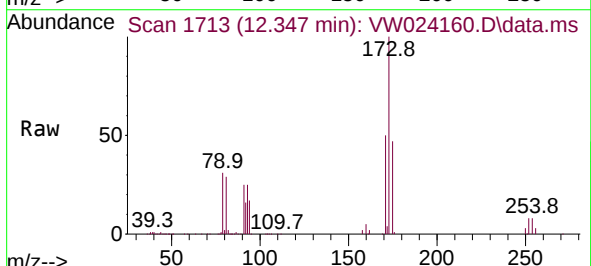
Tgt Ion: 173 Resp: 66735

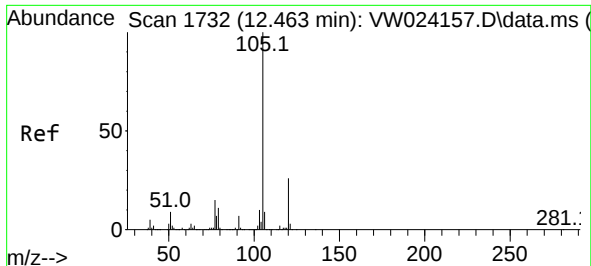
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.6

254 8.6 6.8 10.2

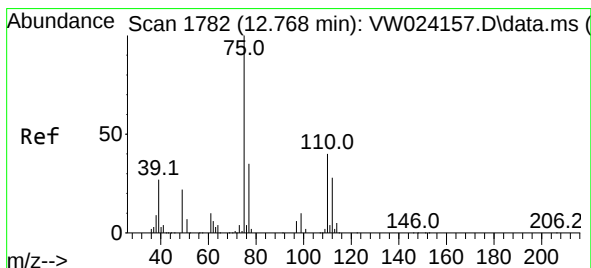
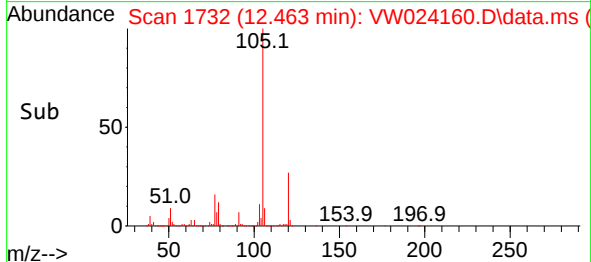
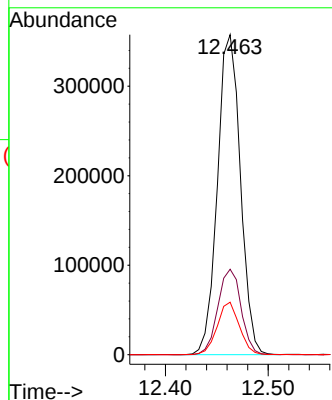
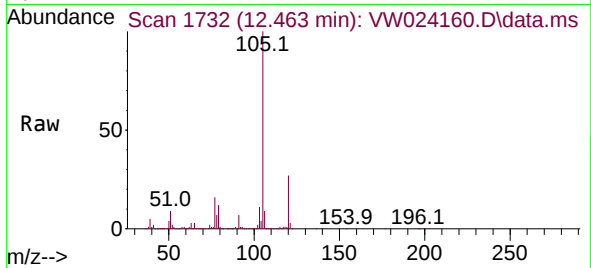




#60
Isopropylbenzene
Concen: 27.088 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

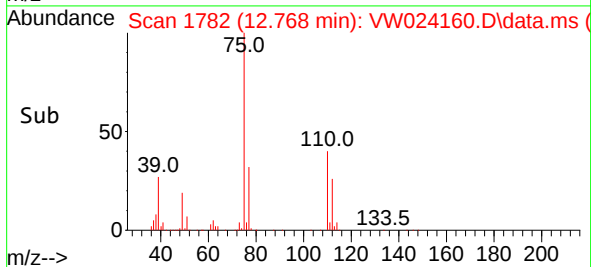
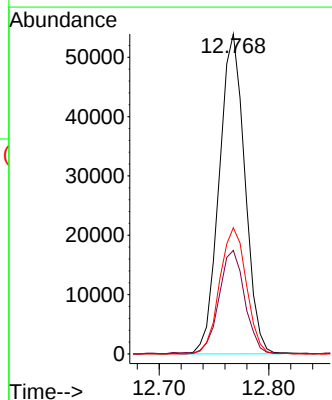
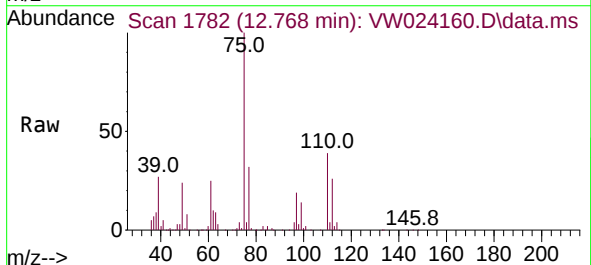
Instrument :
MSVOA_W
ClientSampleId :
VICV412

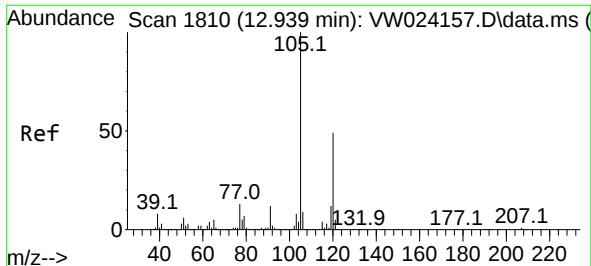
Tgt Ion:105 Resp: 554019
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 15.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 26.043 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion: 75 Resp: 87563
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 40.9 33.6 50.4

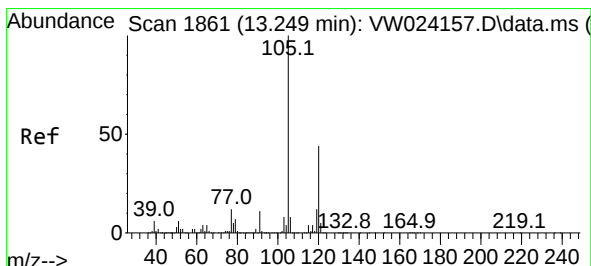
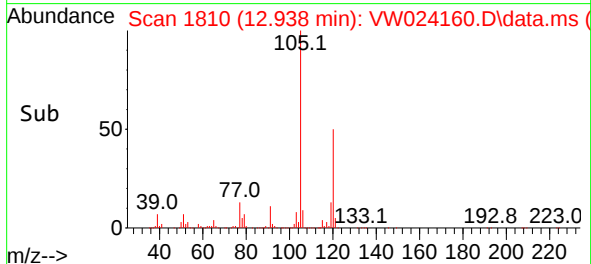
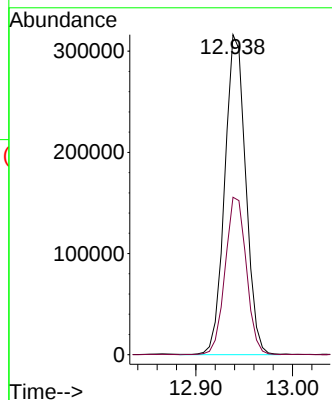
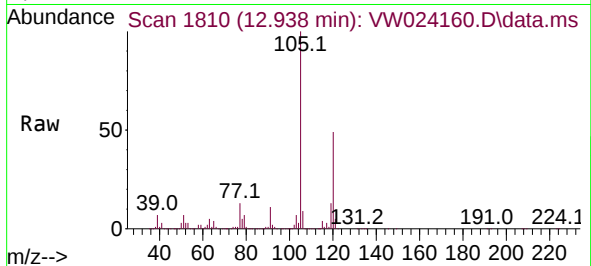




#62
1,3,5-Trimethylbenzene
Concen: 28.123 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

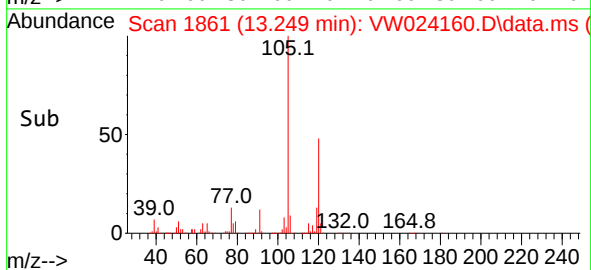
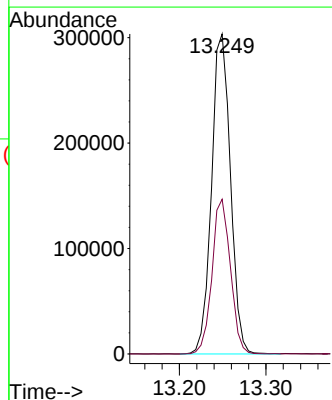
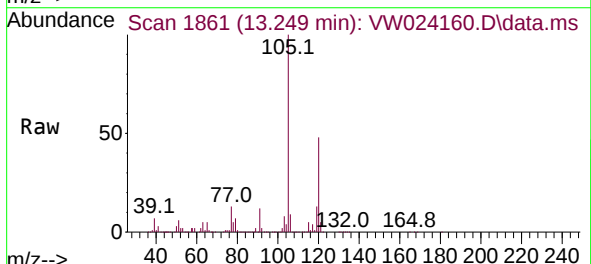
Instrument :
MSVOA_W
ClientSampleId :
VICV412

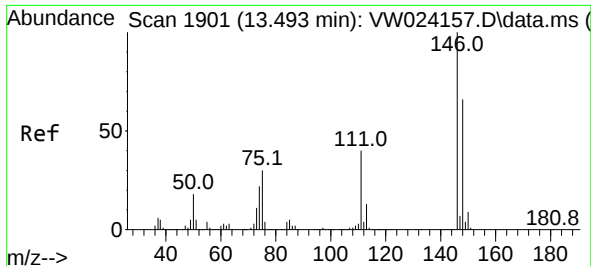
Tgt Ion:105 Resp: 475315
Ion Ratio Lower Upper
105 100
120 49.7 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 27.629 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion:105 Resp: 459888
Ion Ratio Lower Upper
105 100
120 47.1 36.4 54.6

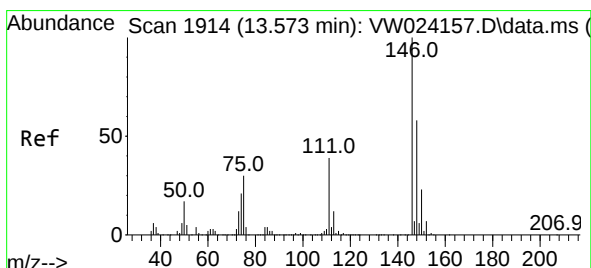
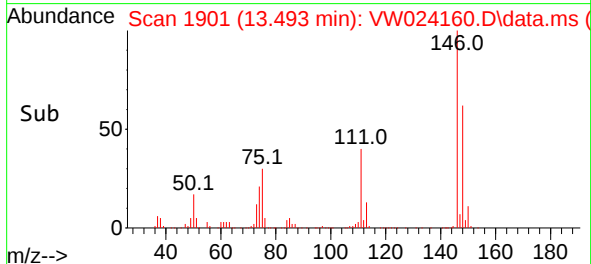
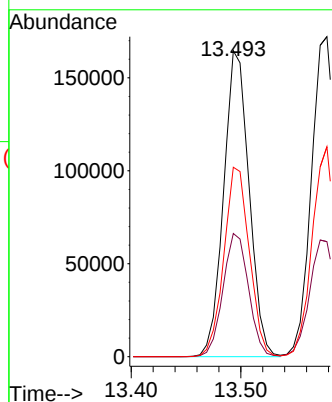
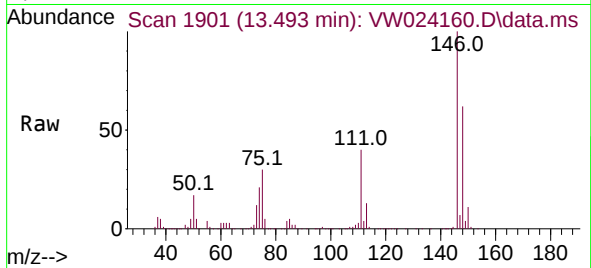




#64
1,3-Dichlorobenzene
Concen: 26.511 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

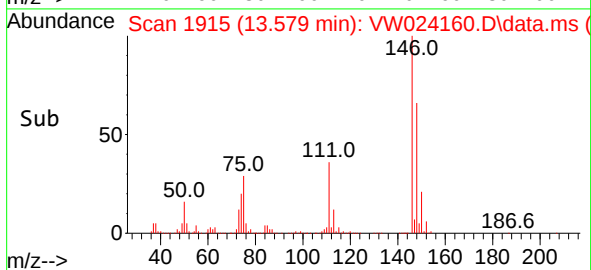
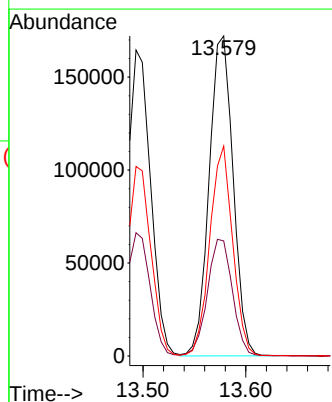
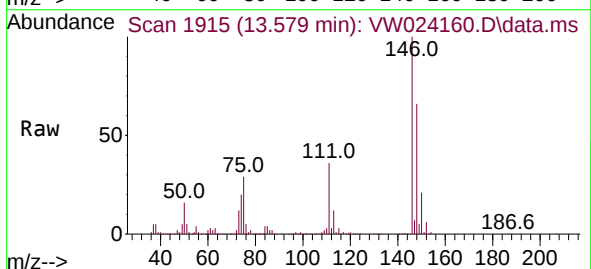
Instrument :
MSVOA_W
ClientSampleId :
VICV412

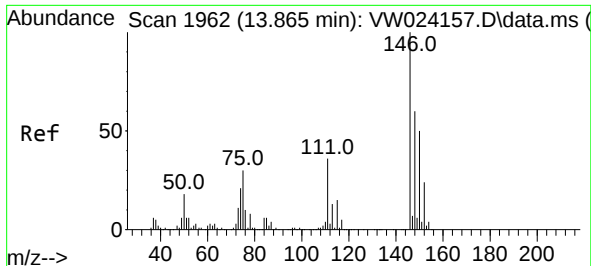
Tgt Ion:146 Resp: 265513
Ion Ratio Lower Upper
146 100
111 40.3 28.0 52.0
148 61.9 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.322 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion:146 Resp: 279144
Ion Ratio Lower Upper
146 100
111 35.9 27.6 51.4
148 65.6 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 25.655 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

VICV412

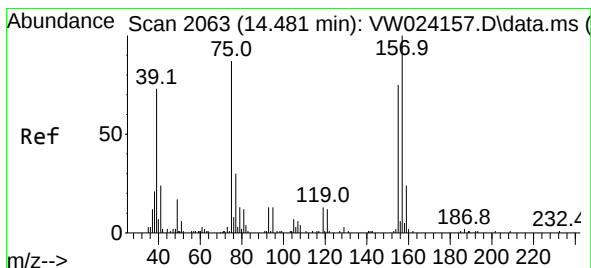
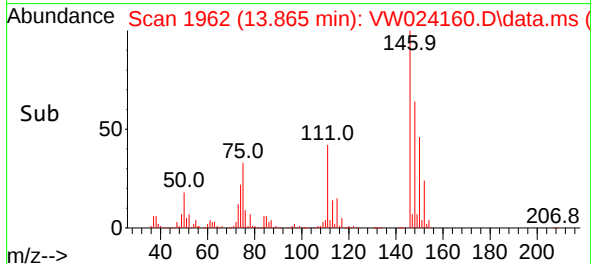
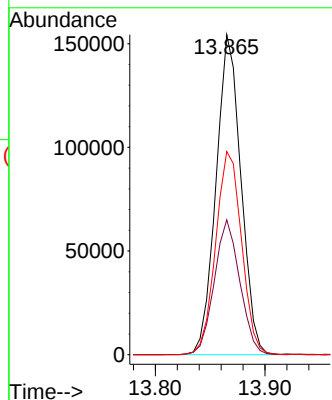
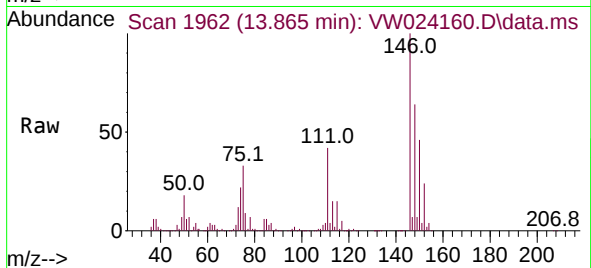
Tgt Ion:146 Resp: 243989

Ion Ratio Lower Upper

146 100

111 42.2 29.0 43.6

148 63.5 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.075 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

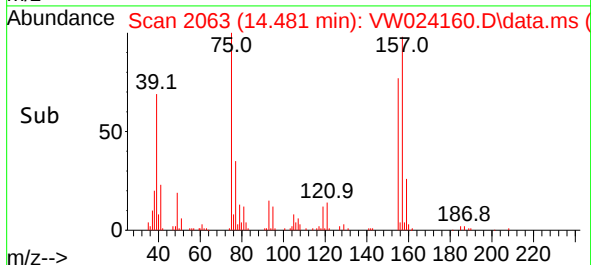
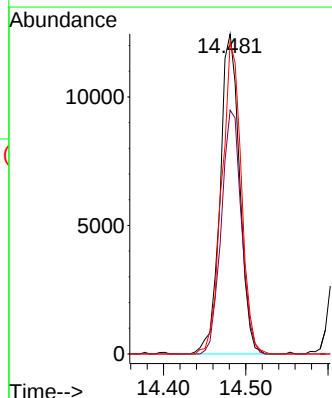
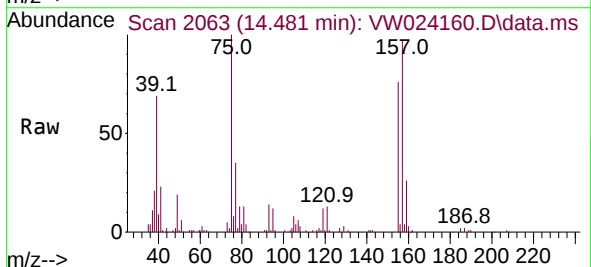
Tgt Ion: 75 Resp: 20483

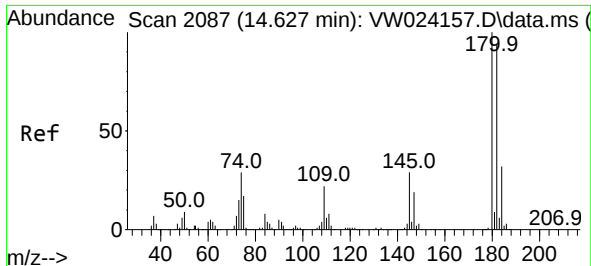
Ion Ratio Lower Upper

75 100

155 76.2 68.8 103.2

157 97.4 91.5 137.3

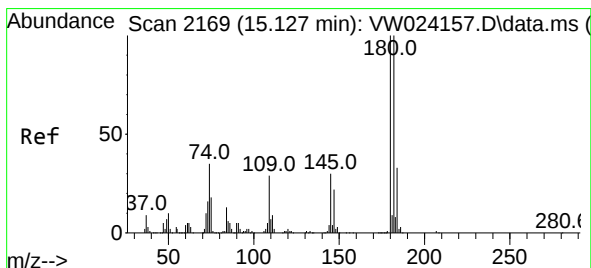
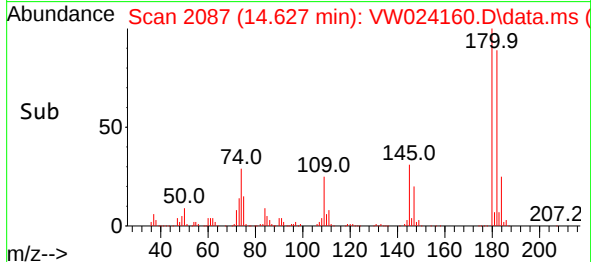
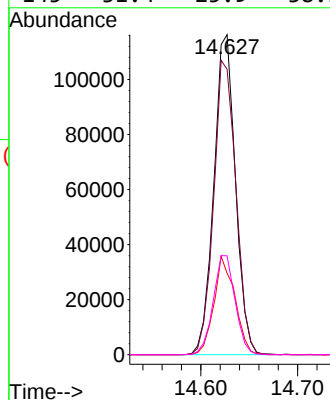
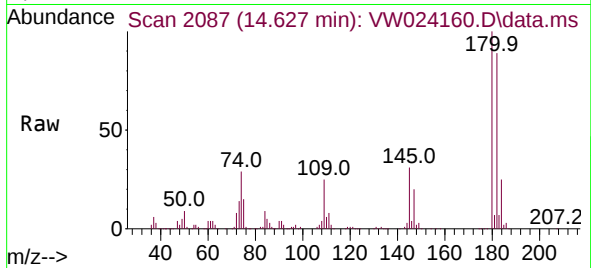




#69
1,3,5-Trichlorobenzene
Concen: 27.462 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

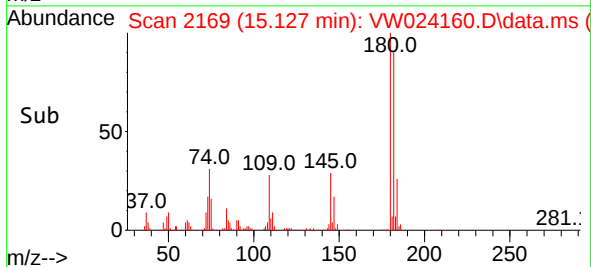
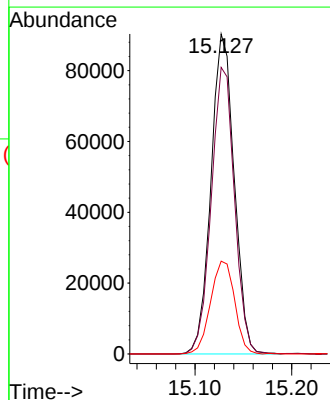
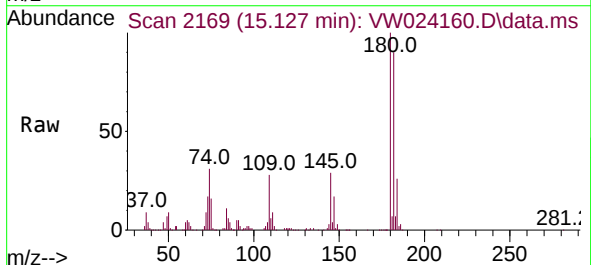
Instrument :
MSVOA_W
ClientSampleId :
VICV412

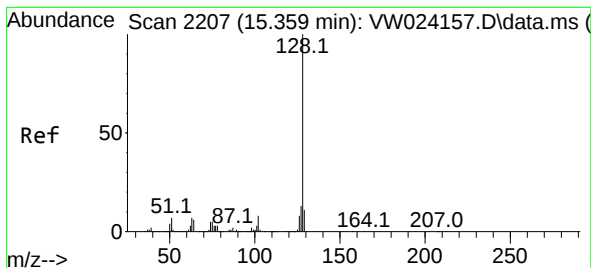
Tgt Ion:	180	Resp:	180346
Ion Ratio	Lower	Upper	
180	100		
182	94.6	78.4	117.6
184	29.9	24.7	37.1
145	31.4	25.9	38.9



#70
1,2,4-trichlorobenzene
Concen: 28.667 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024160.D
Acq: 04 Aug 2022 11:48

Tgt Ion:	180	Resp:	150766
Ion Ratio	Lower	Upper	
180	100		
182	89.4	75.0	112.4
145	30.1	25.1	37.7





#71

Naphthalene

Concen: 29.944 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Instrument :

MSVOA_W

ClientSampleId :

VICV412

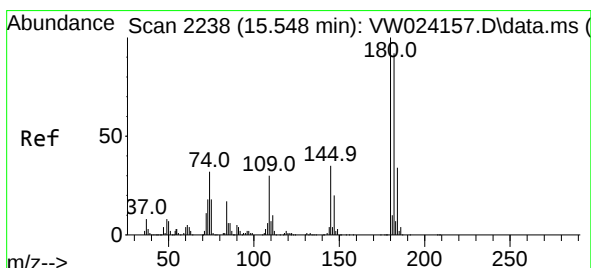
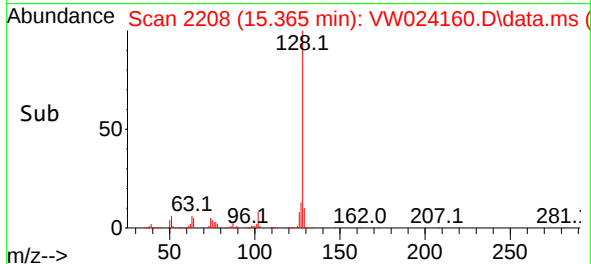
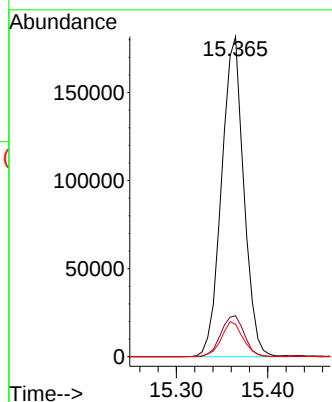
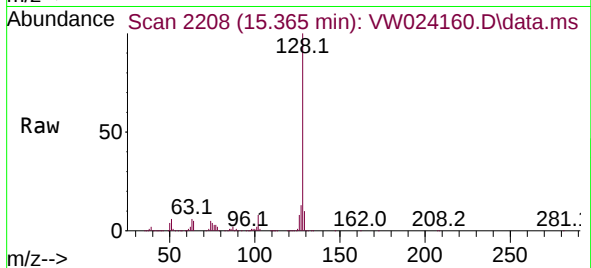
Tgt Ion:128 Resp: 306742

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.052 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024160.D

Acq: 04 Aug 2022 11:48

Tgt Ion:180 Resp: 134315

Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.2

145 33.3 26.9 40.3

