

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061422\
 Data File : VW023482.D
 Acq On : 14 Jun 2022 09:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Jun 15 02:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 14 01:31:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	378550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	204895	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137049	22.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
7) Chloroethane-d5	2.886	69	96084	21.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.019	63	199715	23.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.160%
21) 2-Butanone-d5	7.080	46	62094	50.569	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.140%
24) Chloroform-d	7.653	84	247271	23.729	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	8.305	65	127554	22.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.920%
32) Benzene-d6	8.275	84	449111	23.046	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	9.275	67	135369	23.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	441802	23.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.840%
43) trans-1,3-Dichloroprop...	10.579	79	60047	22.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.921	63	49820	54.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	134164	25.020	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	167747	22.679	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	43886	31.795	ug/L	88
3) Chloromethane	2.215	50	128850	28.220	ug/L	98
5) Vinyl chloride	2.361	62	193729	27.224	ug/L	98
6) Bromomethane	2.782	94	95984	23.832	ug/L	97
8) Chloroethane	2.922	64	96176	25.513	ug/L	94
9) Trichlorofluoromethane	2.357	101	93124	29.016	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	130232	28.146	ug/L	96
12) 1,1-Dichloroethene	4.038	96	111361	27.017	ug/L	97
13) Acetone	4.117	43	51251	57.932	ug/L	99
14) Carbon disulfide	4.385	76	325477	25.669	ug/L	100
15) Methyl Acetate	4.672	43	53168	26.919	ug/L	99
16) Methylene chloride	4.916	84	130159	25.406	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	128879	26.408	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	199259	27.128	ug/L	98
19) 1,1-Dichloroethane	6.214	63	228084	26.092	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	140741	26.371	ug/L #	97
22) 2-Butanone	7.171	43	75094	55.457	ug/L	99
23) Bromochloromethane	7.513	128	67417	27.420	ug/L	92
25) Chloroform	7.677	83	255716	25.922	ug/L	99

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 Response via : Initial Calibration

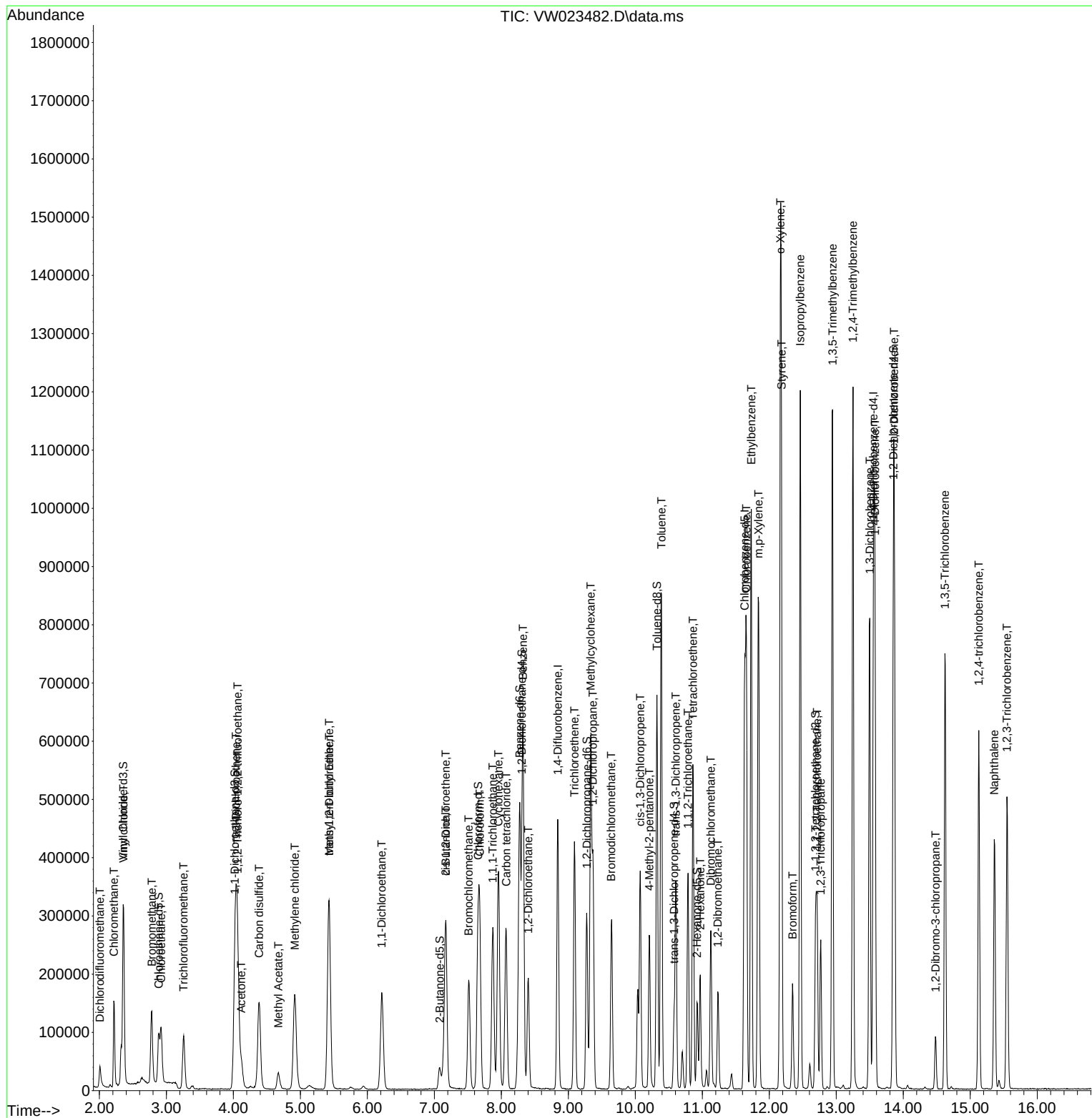
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	168597	25.842	ug/L	98
29) Cyclohexane	7.958	56	195208	26.370	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	221011	25.979	ug/L	99
31) Carbon tetrachloride	8.074	117	203658	25.985	ug/L	99
33) Benzene	8.324	78	548796	25.849	ug/L	100
34) Trichloroethene	9.092	95	145521	25.572	ug/L	98
35) Methylcyclohexane	9.336	83	238924	25.934	ug/L	98
37) 1,2-Dichloropropane	9.366	63	138047	26.607	ug/L	100
38) Bromodichloromethane	9.640	83	189405	25.955	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	211072	26.547	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	166433	56.241	ug/L	99
42) Toluene	10.390	91	628398	26.491	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	191226	26.654	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	111436	26.147	ug/L	98
46) Tetrachloroethene	10.860	164	115583	26.310	ug/L	88
48) 2-Hexanone	10.969	43	116260	58.132	ug/L	98
49) Dibromochloromethane	11.128	129	134272	26.901	ug/L	98
50) 1,2-Dibromoethane	11.232	107	109407	27.461	ug/L	98
51) Chlorobenzene	11.658	112	410671	25.653	ug/L	99
52) Ethylbenzene	11.731	91	695913	25.813	ug/L	100
53) m,p-Xylene	11.841	106	278929	26.583	ug/L	98
54) o-Xylene	12.164	106	269357	26.863	ug/L	100
55) Styrene	12.183	104	466357	26.750	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	140303	27.108	ug/L	97
59) Bromoform	12.347	173	74068	25.431	ug/L	98
60) Isopropylbenzene	12.463	105	750721	25.597	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	99873	25.617	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	621411	25.907	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	616061	25.665	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	327042	25.136	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	333375	25.093	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	307135	25.772	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	22061	25.627	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	225054	26.472	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	176331	26.636	ug/L	96
71) Naphthalene	15.359	128	368643	28.307	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	149605	25.995	ug/L	93

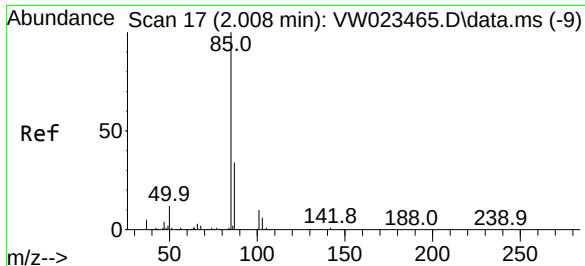
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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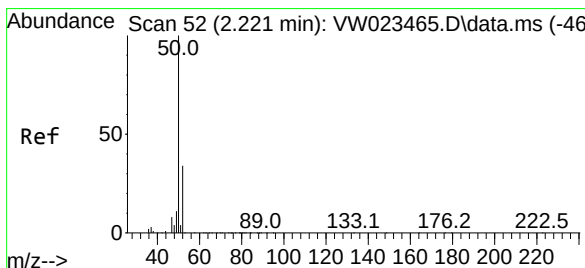
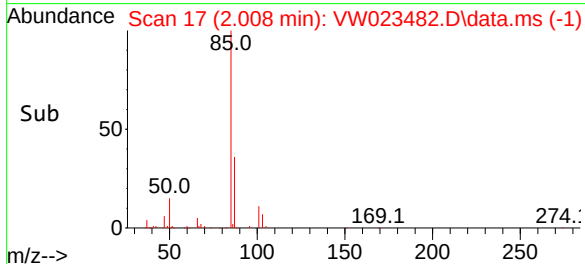
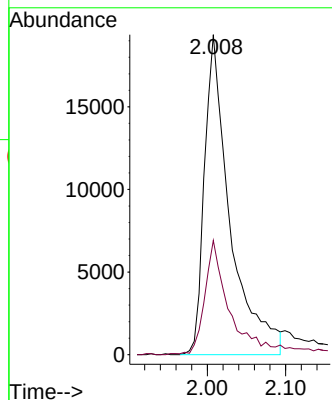
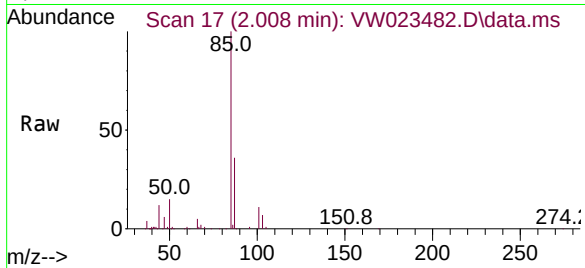




#2
 Dichlorodifluoromethane
 Concen: 31.795 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

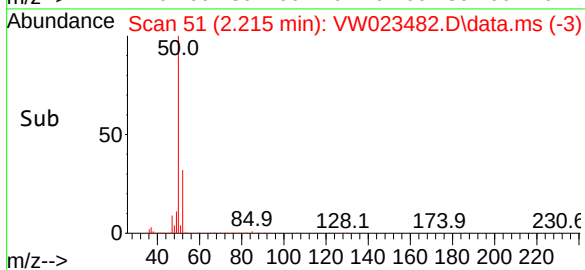
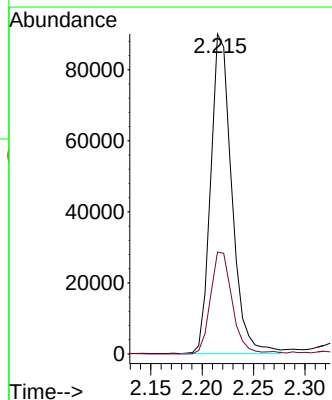
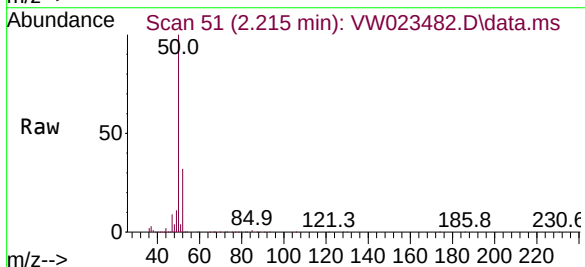
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

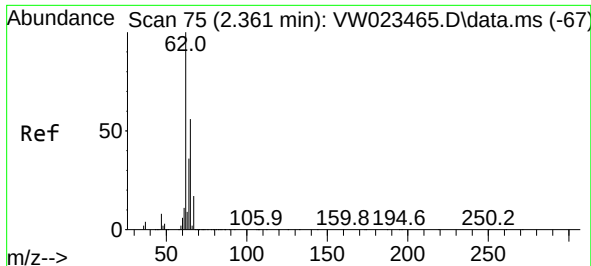
Tgt Ion: 85 Resp: 43886
 Ion Ratio Lower Upper
 85 100
 87 28.0 27.8 41.8



#3
 Chloromethane
 Concen: 28.220 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

Tgt Ion: 50 Resp: 128850
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.1 42.9

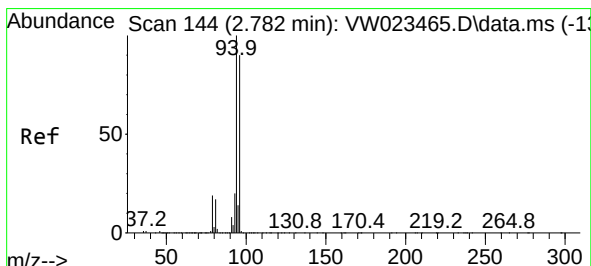
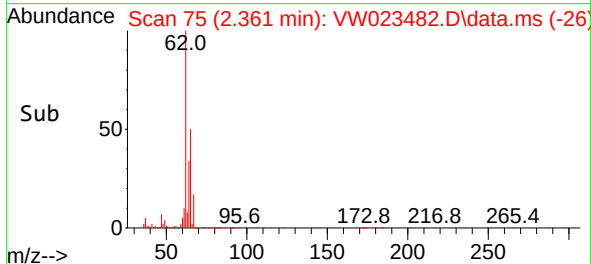
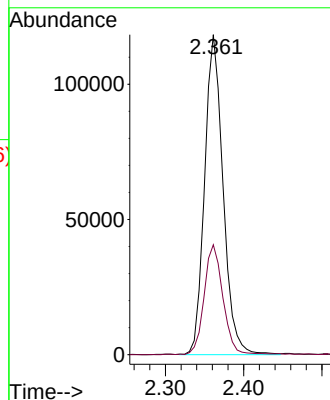
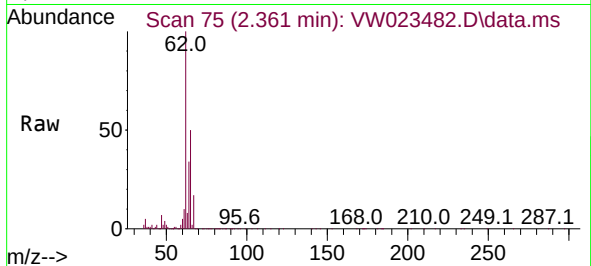




#5
 Vinyl chloride
 Concen: 27.224 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

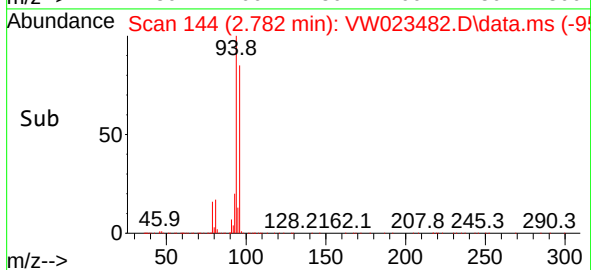
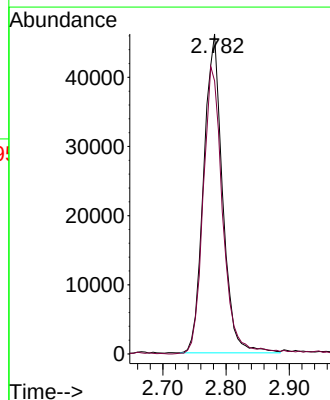
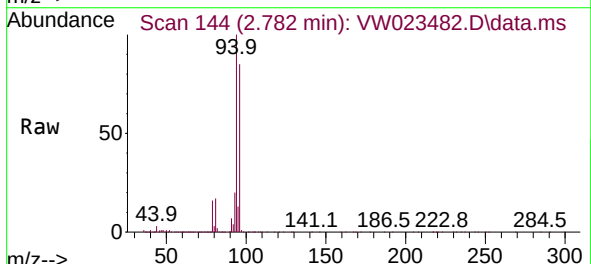
Instrument :
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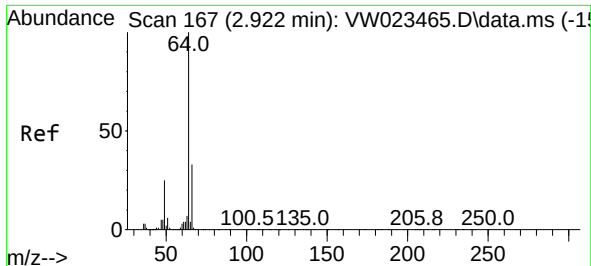
Tgt Ion: 62 Resp: 193729
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.9 46.3



#6
 Bromomethane
 Concen: 23.832 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

Tgt Ion: 94 Resp: 95984
 Ion Ratio Lower Upper
 94 100
 96 85.3 61.7 114.5

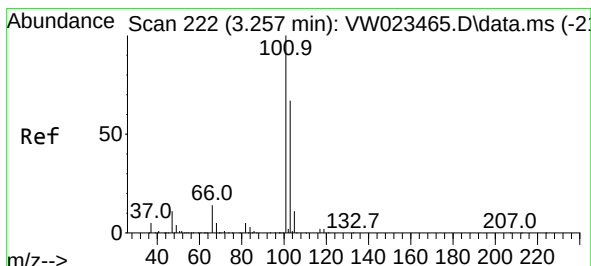
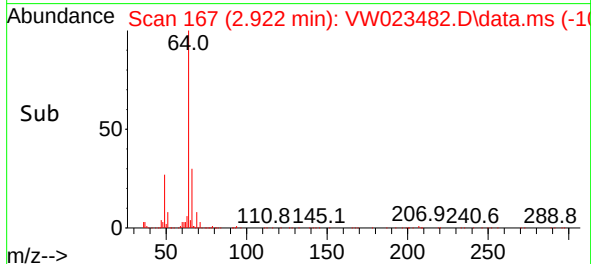
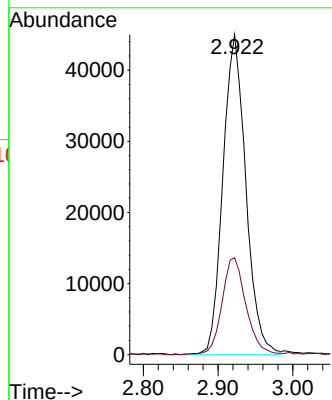
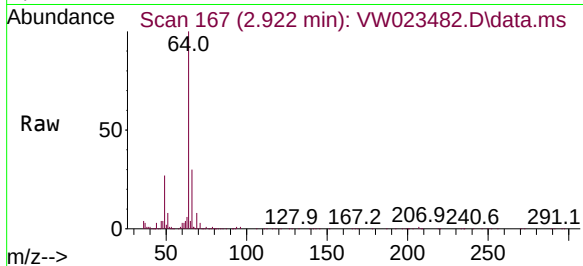




#8
Chloroethane
Concen: 25.513 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

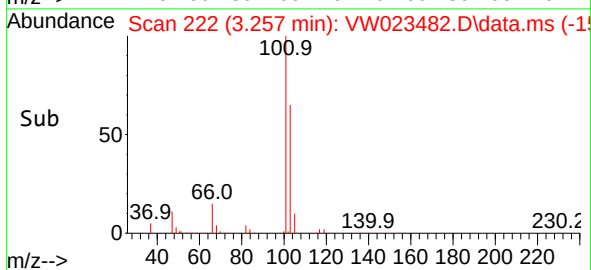
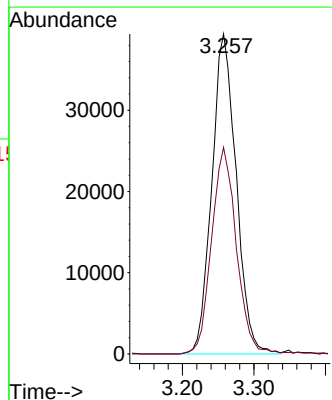
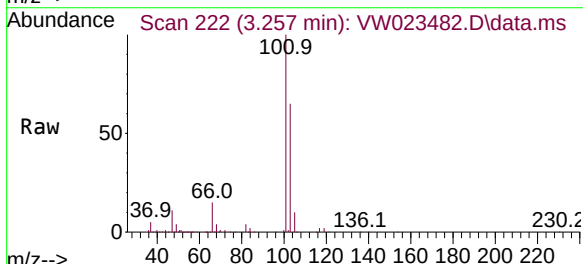
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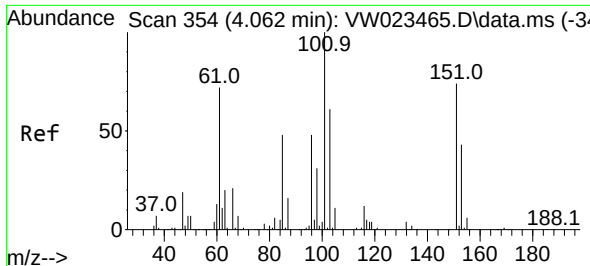
Tgt Ion: 64 Resp: 96176
Ion Ratio Lower Upper
64 100
66 30.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 29.016 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 101 Resp: 93124
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

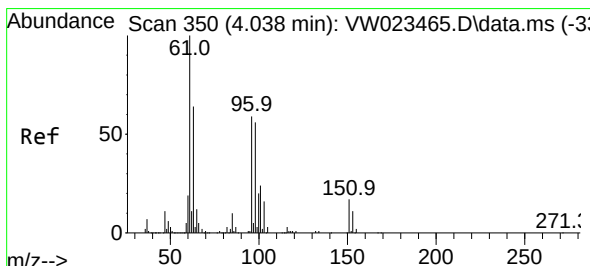
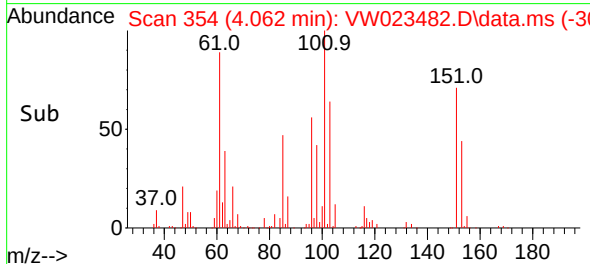
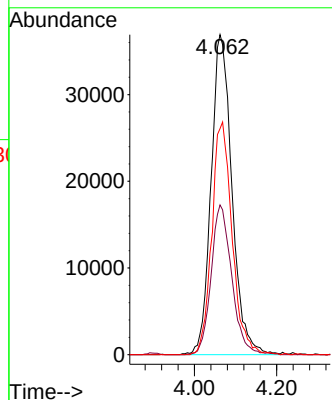
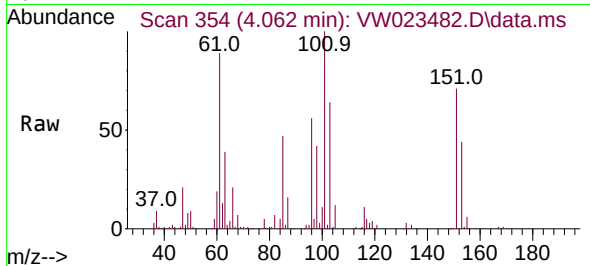




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.146 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023482.D
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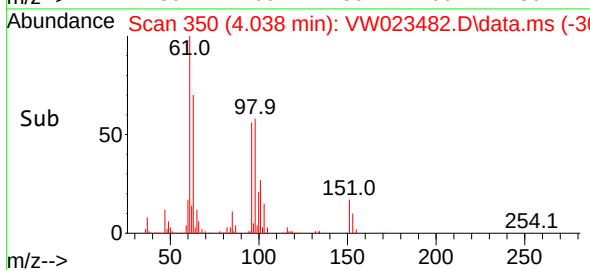
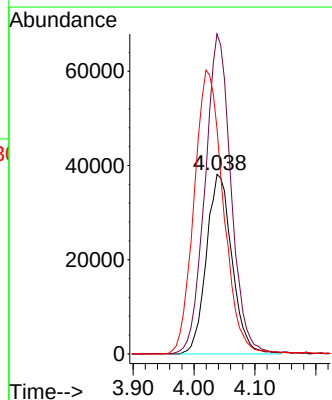
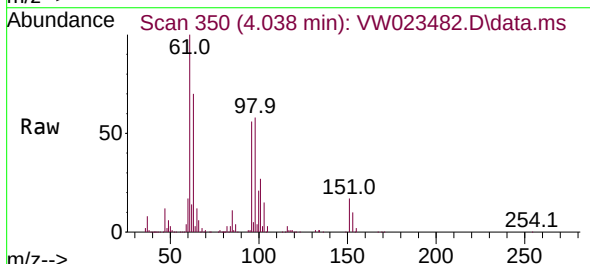
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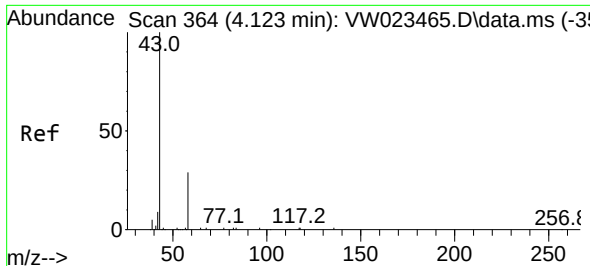
Tgt Ion:101 Resp: 130232
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.3 51.5
 151 70.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 27.017 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

Tgt Ion: 96 Resp: 111361
 Ion Ratio Lower Upper
 96 100
 61 178.3 125.7 233.5
 63 125.6 83.4 155.0





#13

Acetone

Concen: 57.932 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

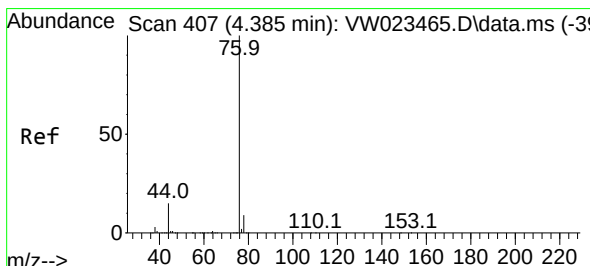
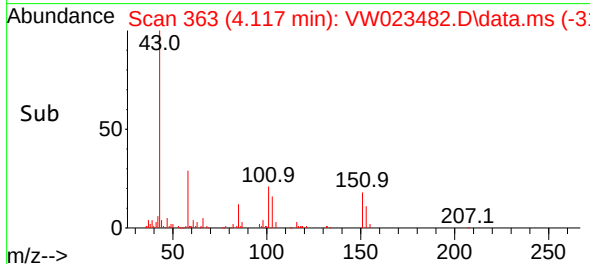
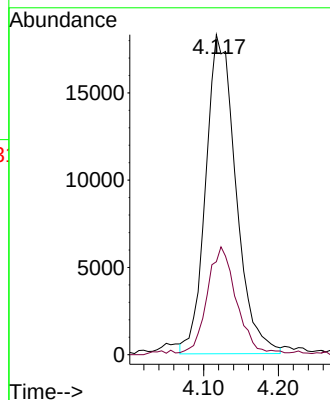
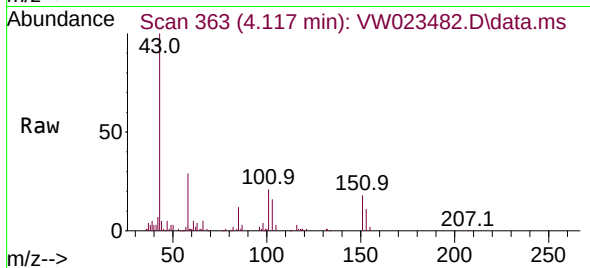
VSTD025572

Tgt Ion: 43 Resp: 51251

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.0



#14

Carbon disulfide

Concen: 25.669 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW023482.D

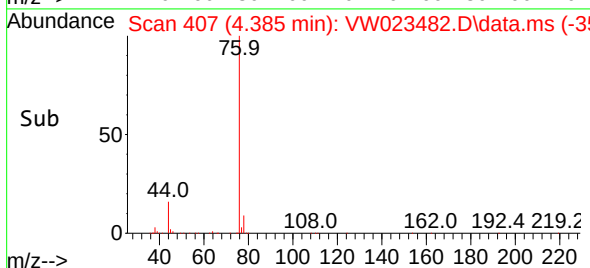
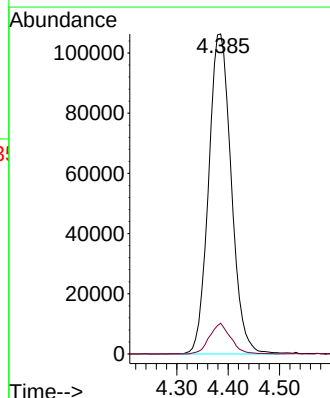
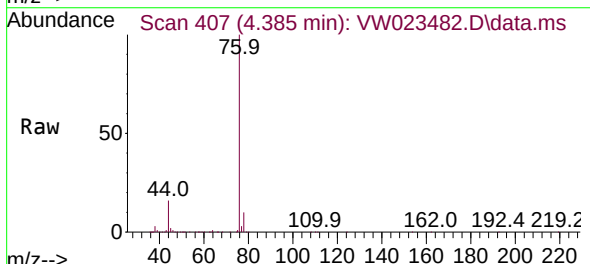
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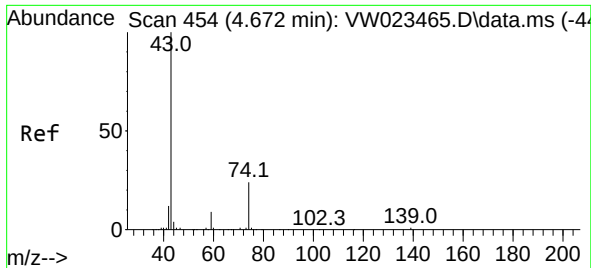
Tgt Ion: 76 Resp: 325477

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

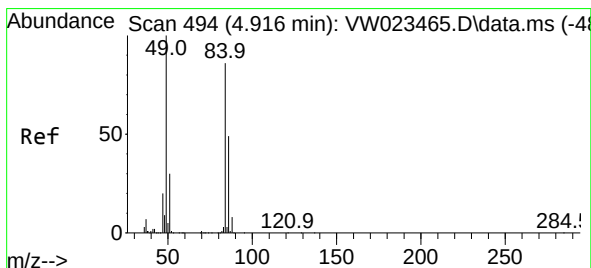
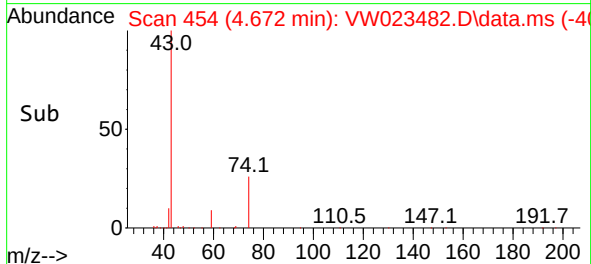
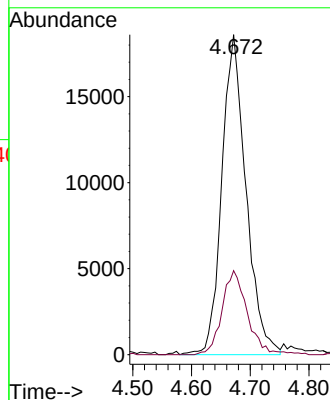
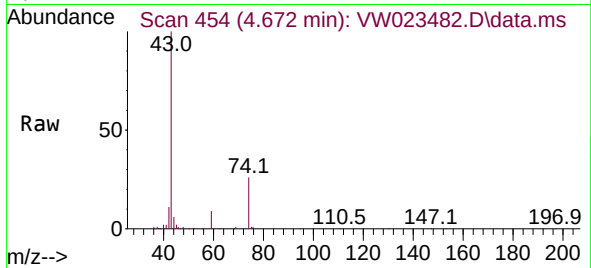




#15
Methyl Acetate
Concen: 26.919 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

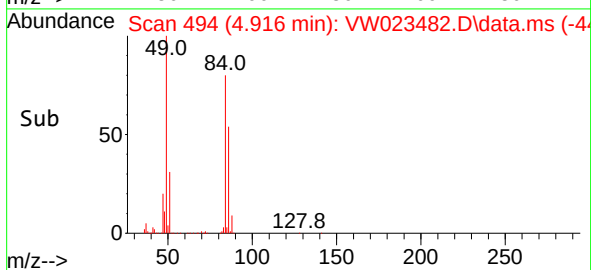
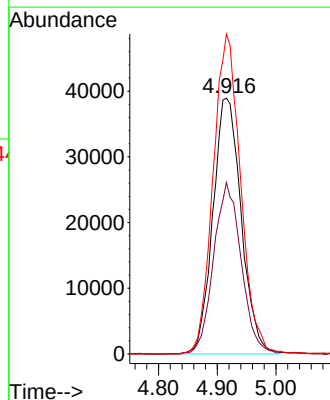
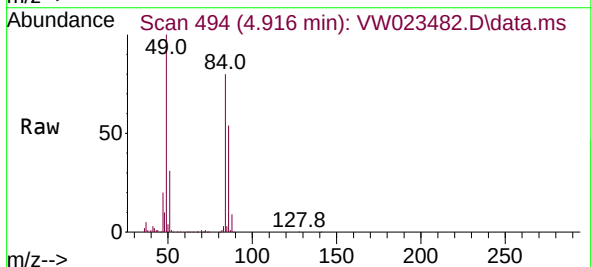
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

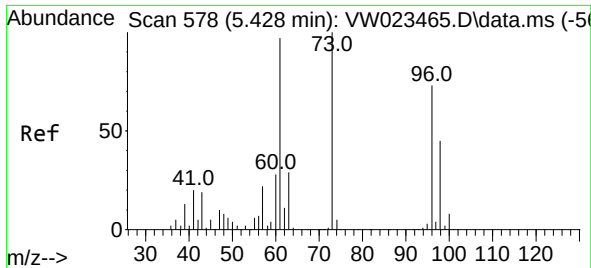
Tgt Ion: 43 Resp: 53168
Ion Ratio Lower Upper
43 100
74 26.7 21.9 32.9



#16
Methylene chloride
Concen: 25.406 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 84 Resp: 130159
Ion Ratio Lower Upper
84 100
86 67.1 45.4 84.4
49 125.1 82.5 153.1

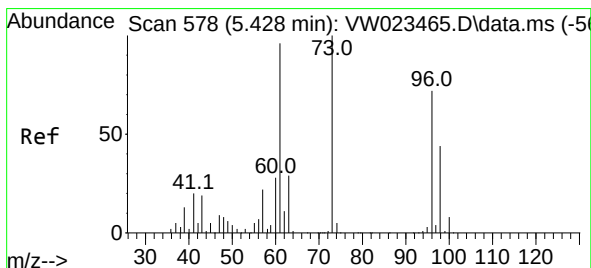
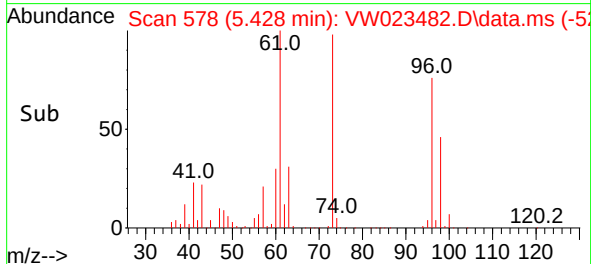
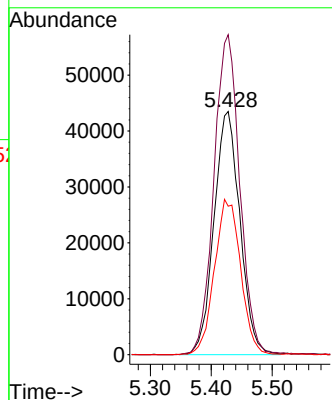
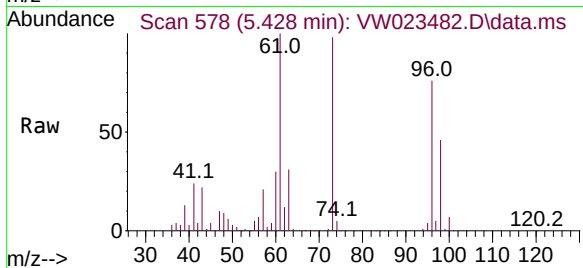




#17
trans-1,2-Dichloroethene
Concen: 26.408 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

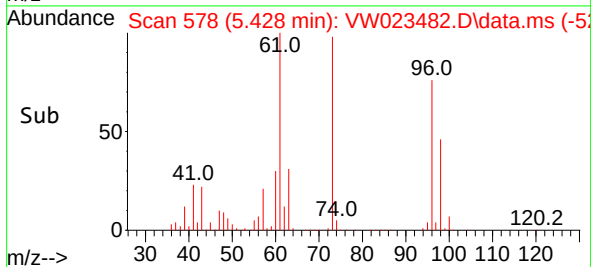
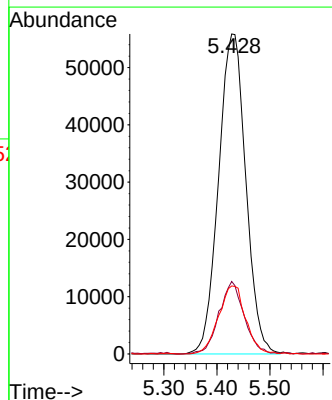
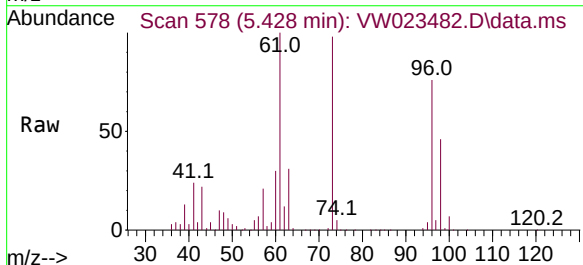
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

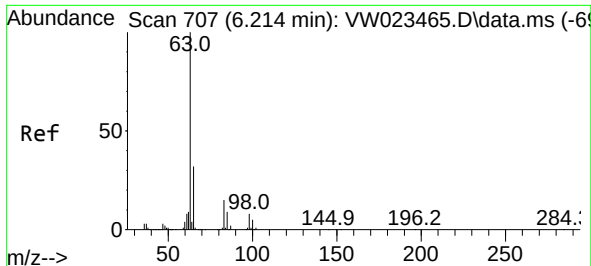
Tgt Ion: 96 Resp: 128879
Ion Ratio Lower Upper
96 100
61 131.6 92.2 171.2
98 61.0 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 27.128 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 73 Resp: 199259
Ion Ratio Lower Upper
73 100
43 20.9 15.9 23.9
57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.092 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

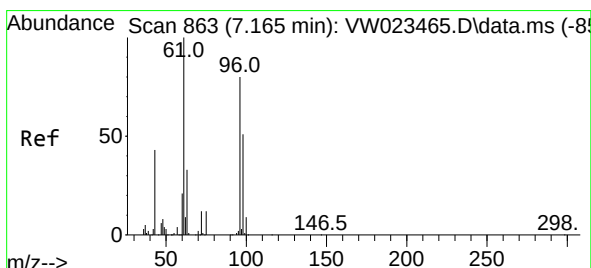
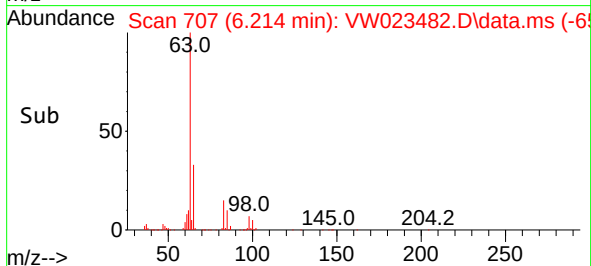
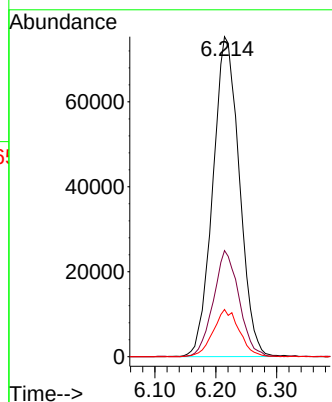
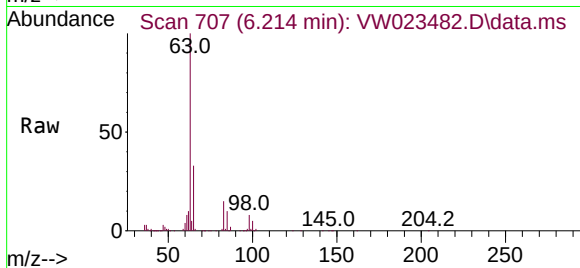
Tgt Ion: 63 Resp: 228084

Ion Ratio Lower Upper

63 100

65 33.2 23.3 43.3

83 14.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 26.371 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

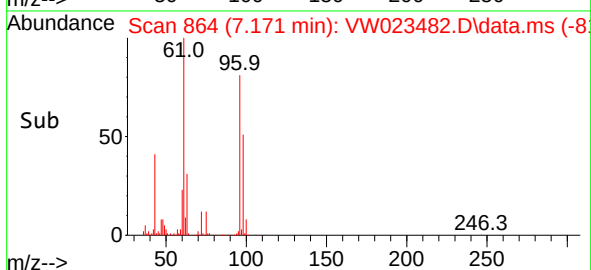
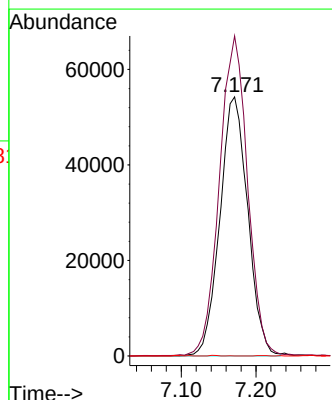
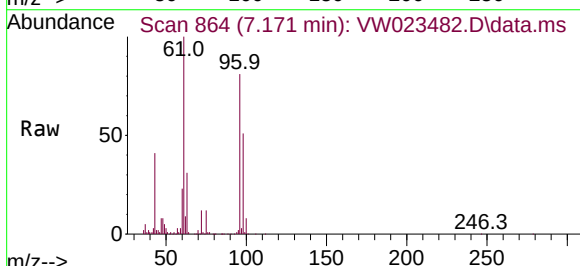
Tgt Ion: 96 Resp: 140741

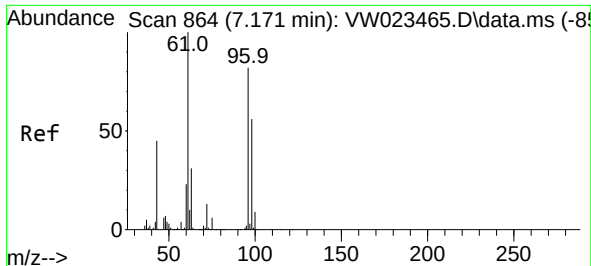
Ion Ratio Lower Upper

96 100

61 123.5 84.2 156.4

68 0.0 0.1 0.1

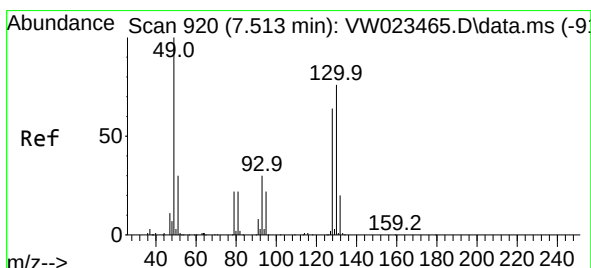
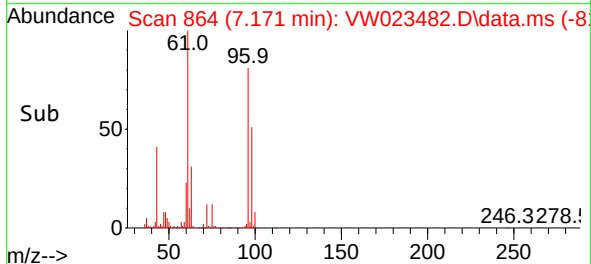
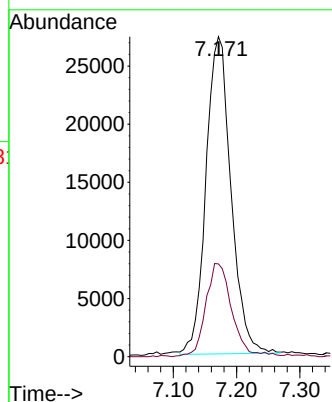
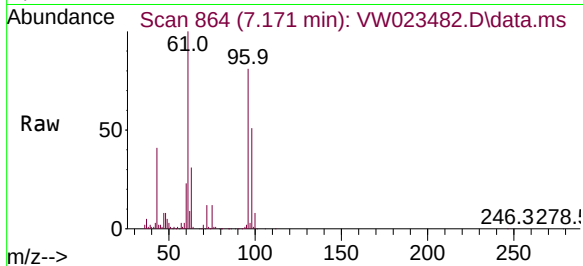




#22
2-Butanone
Concen: 55.457 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

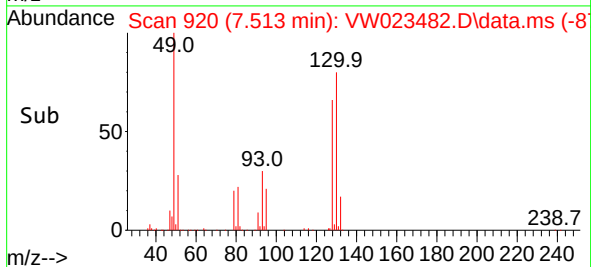
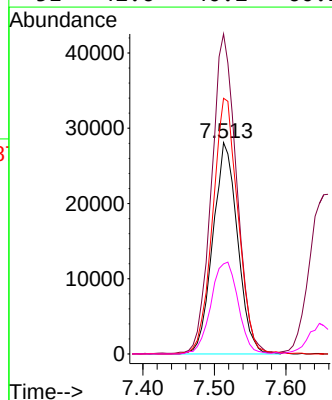
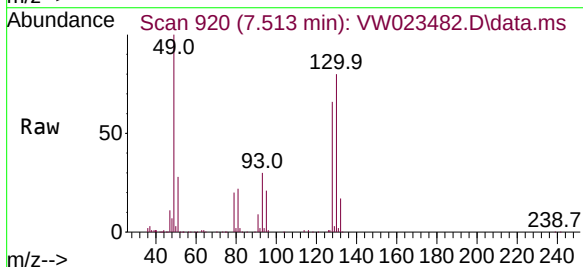
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

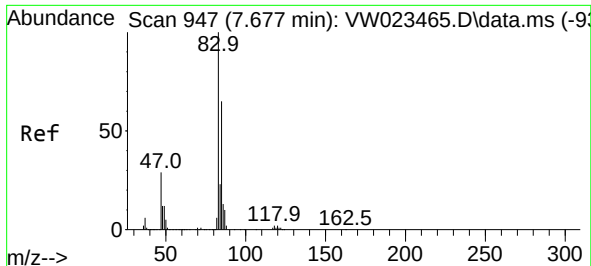
Tgt Ion: 43 Resp: 75094
Ion Ratio Lower Upper
43 100
72 29.8 15.1 45.3



#23
Bromochloromethane
Concen: 27.420 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 128 Resp: 67417
Ion Ratio Lower Upper
128 100
49 151.4 110.0 204.4
130 121.0 94.8 176.0
51 42.6 40.2 60.2

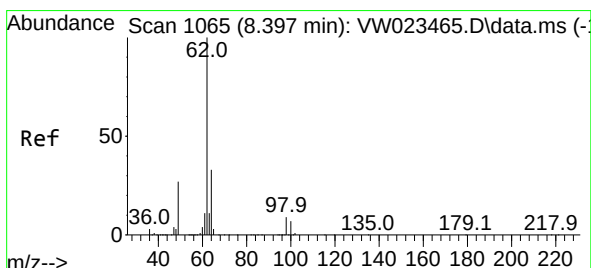
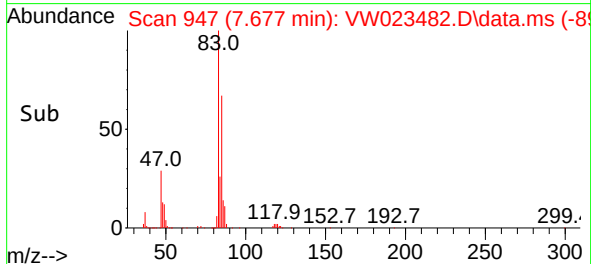
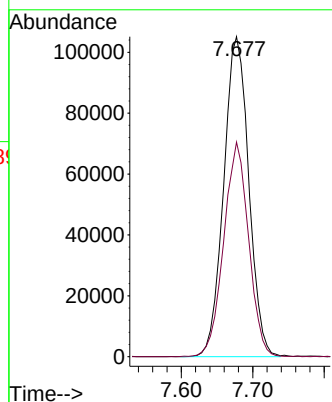
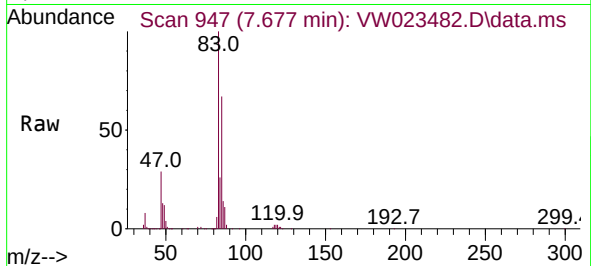




#25
Chloroform
Concen: 25.922 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

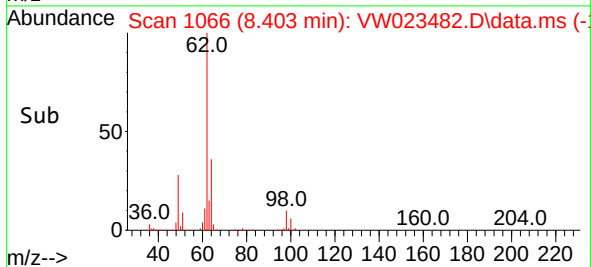
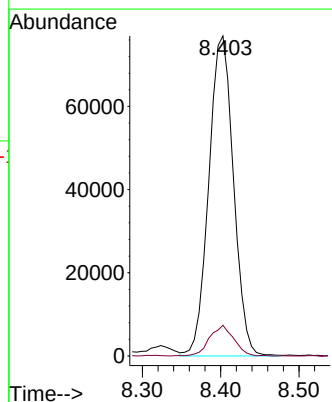
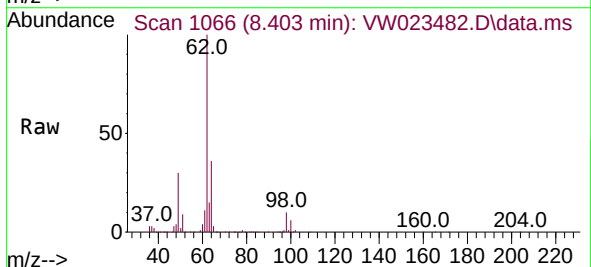
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

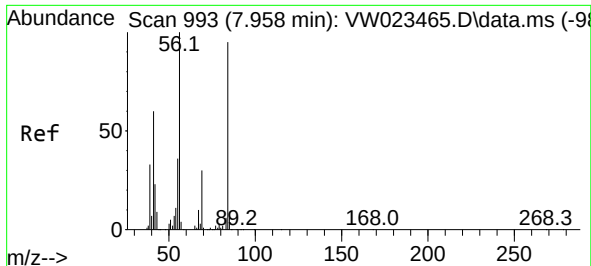
Tgt Ion: 83 Resp: 255716
Ion Ratio Lower Upper
83 100
85 67.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.842 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 62 Resp: 168597
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





#29

Cyclohexane

Concen: 26.370 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

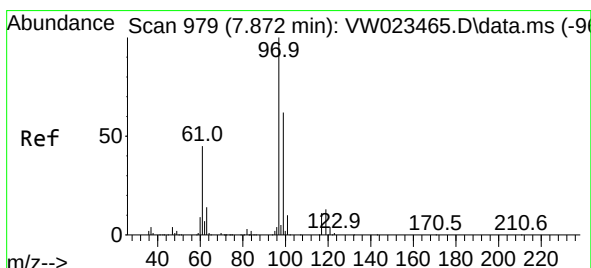
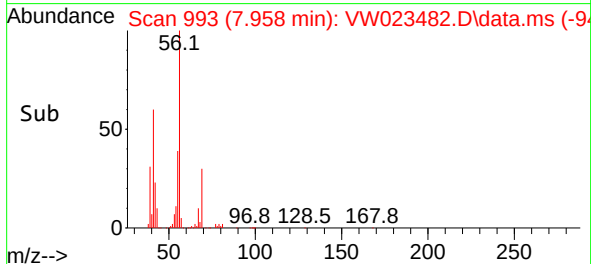
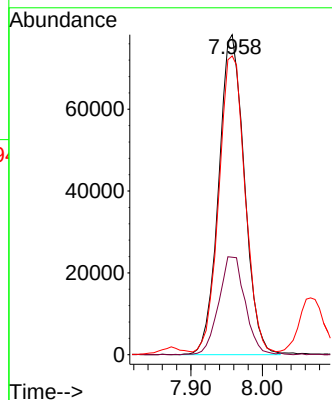
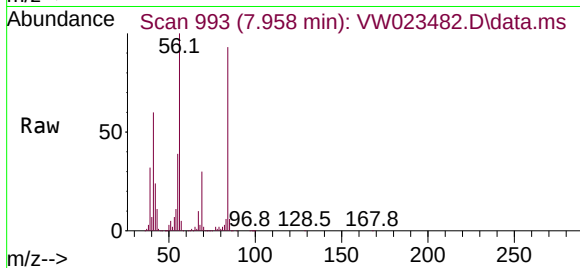
Tgt Ion: 56 Resp: 195208

Ion Ratio Lower Upper

56 100

69 31.3 25.6 38.4

84 95.8 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 25.979 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

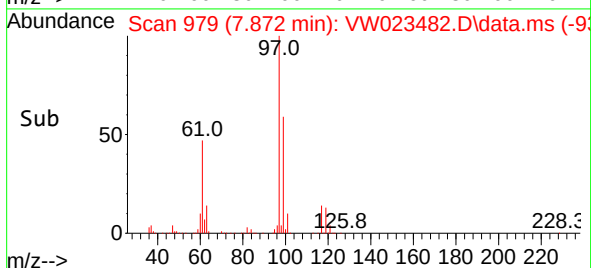
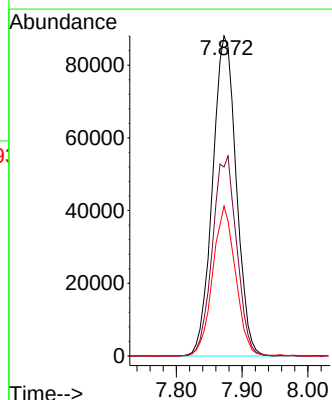
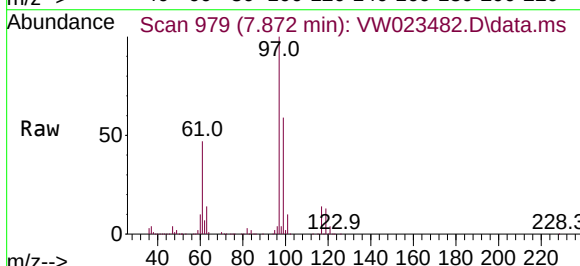
Tgt Ion: 97 Resp: 221011

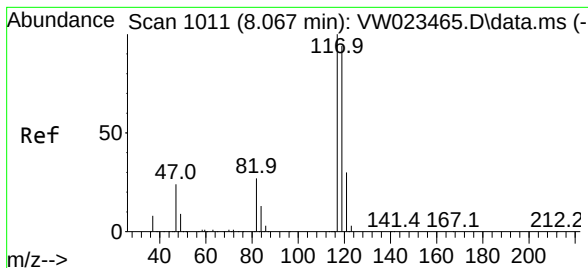
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 45.2 34.8 52.2

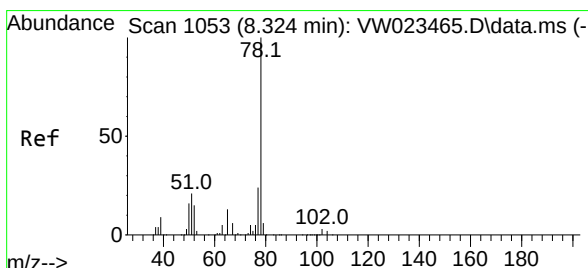
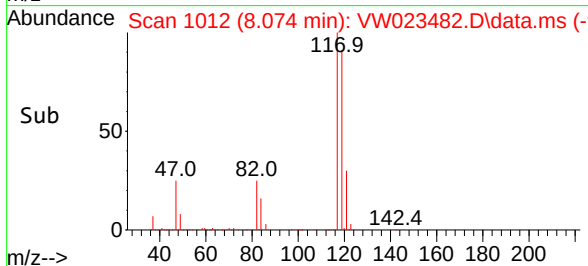
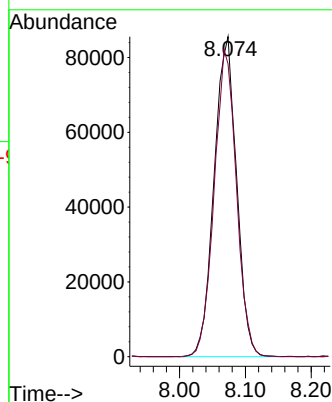
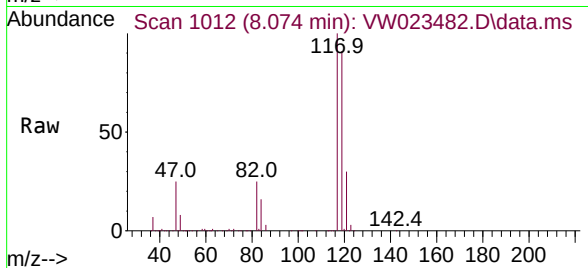




#31
Carbon tetrachloride
Concen: 25.985 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

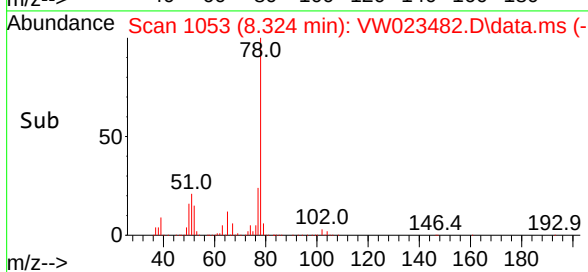
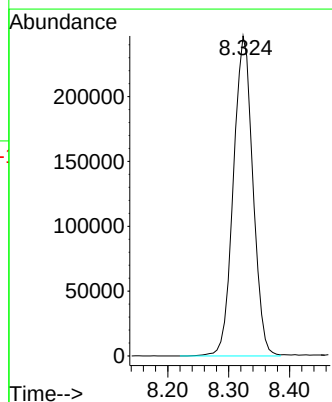
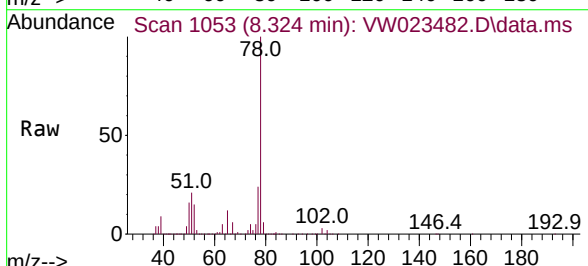
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

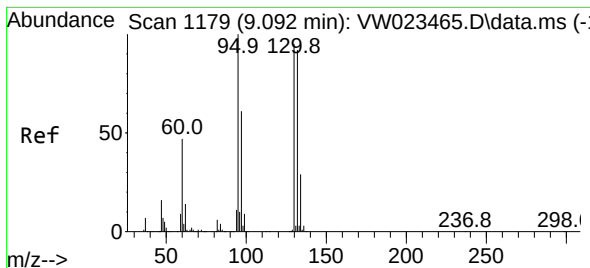
Tgt Ion:117 Resp: 203658
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0



#33
Benzene
Concen: 25.849 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 78 Resp: 548796





#34

Trichloroethene

Concen: 25.572 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

Tgt Ion: 95 Resp: 145521

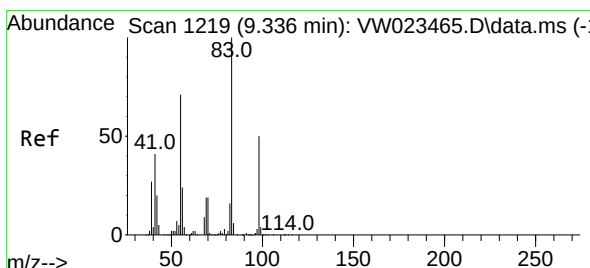
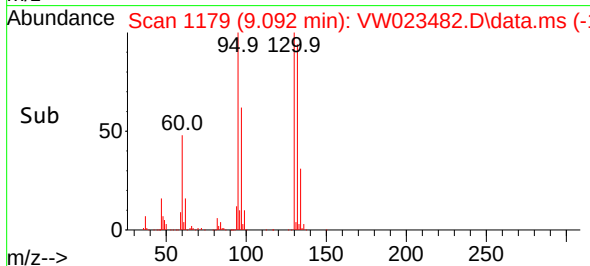
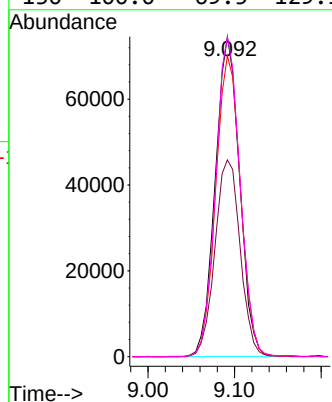
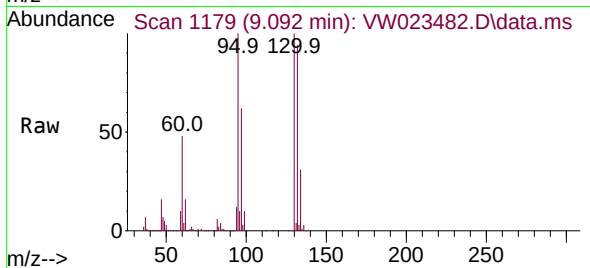
Ion Ratio Lower Upper

95 100

97 61.5 46.1 85.7

132 94.1 66.9 124.3

130 100.0 69.5 129.1



#35

Methylcyclohexane

Concen: 25.934 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

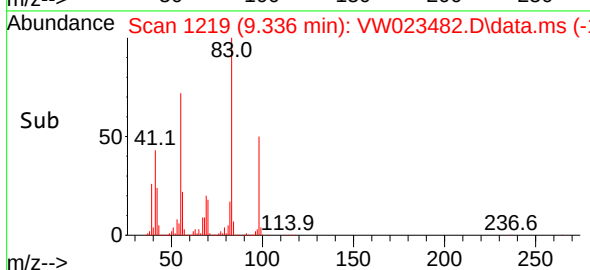
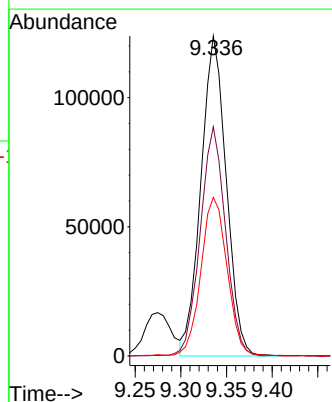
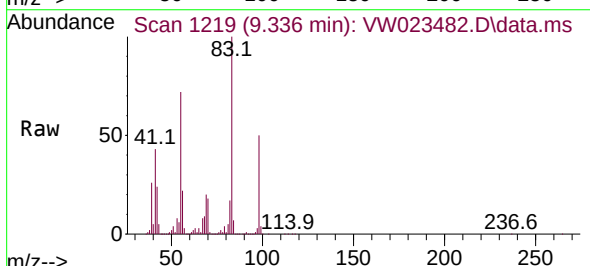
Tgt Ion: 83 Resp: 238924

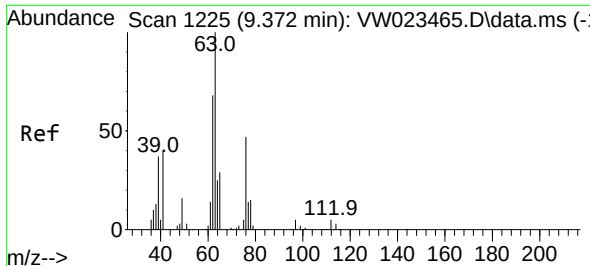
Ion Ratio Lower Upper

83 100

55 71.8 55.1 82.7

98 51.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.607 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

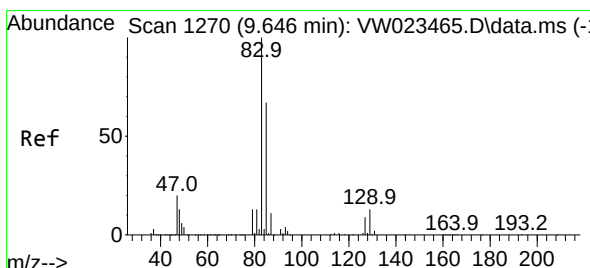
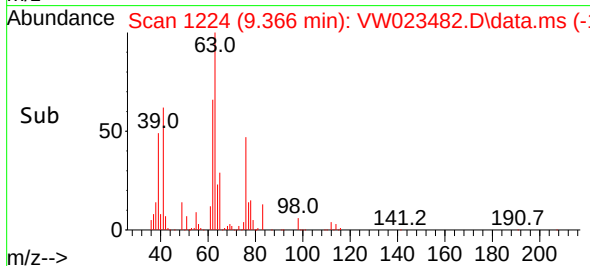
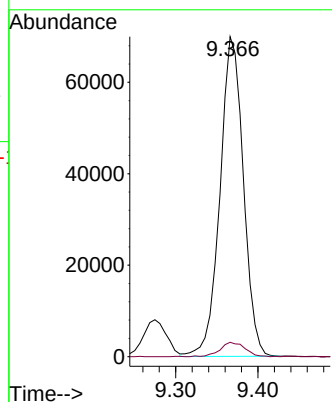
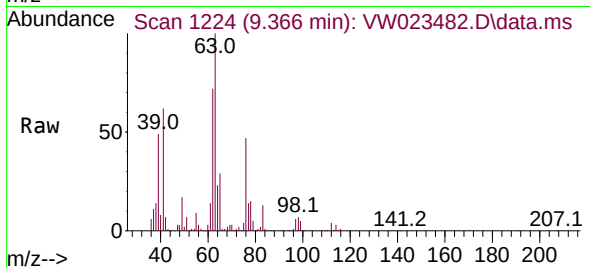
VSTD025572

Tgt Ion: 63 Resp: 138047

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 25.955 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

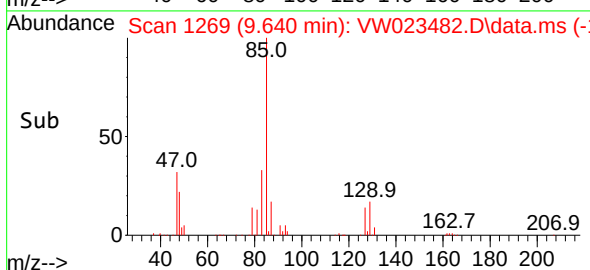
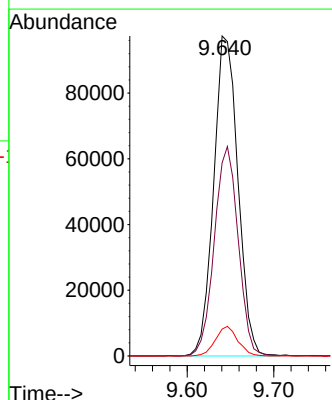
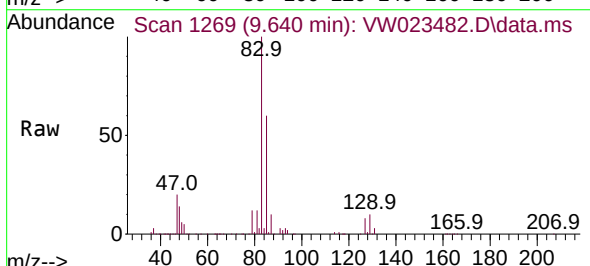
Tgt Ion: 83 Resp: 189405

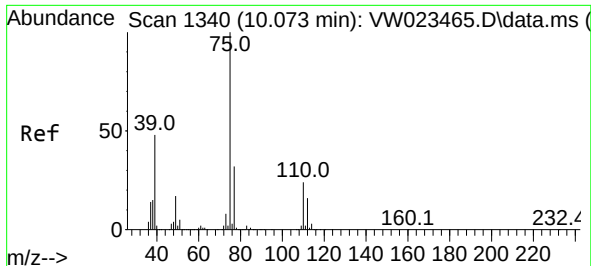
Ion Ratio Lower Upper

83 100

85 60.4 43.5 80.7

127 8.4 7.1 10.7

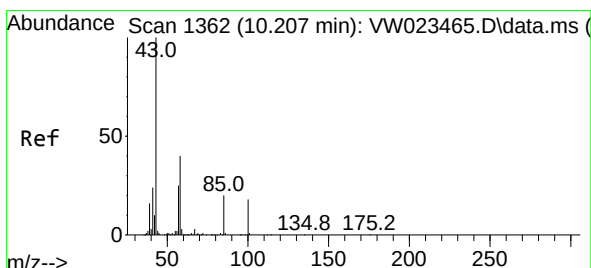
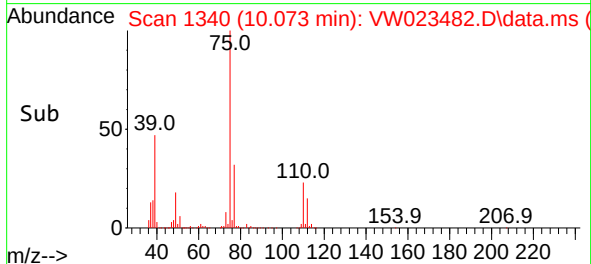
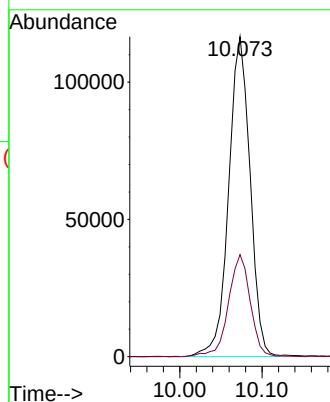
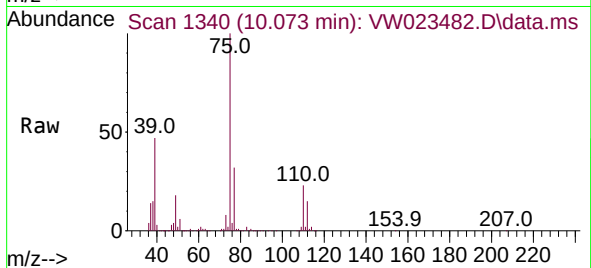




#39
 cis-1,3-Dichloropropene
 Concen: 26.547 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

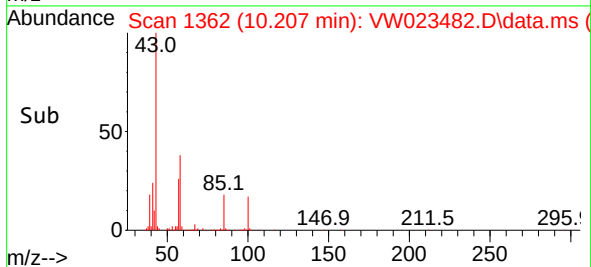
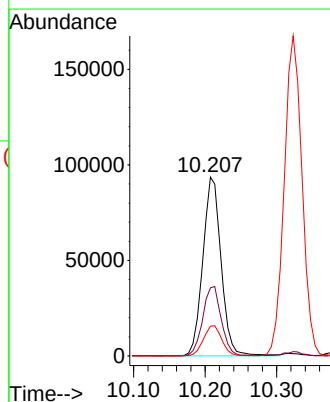
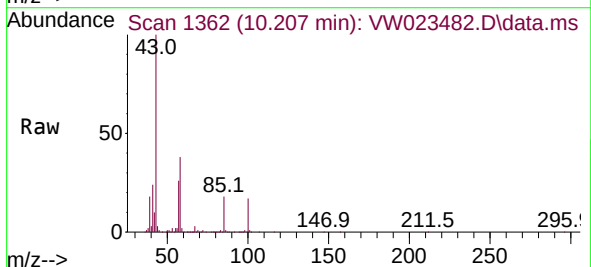
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

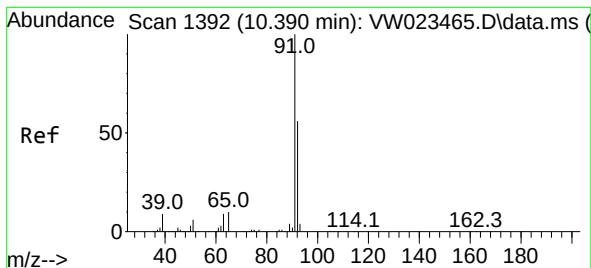
Tgt Ion: 75 Resp: 211072
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 56.241 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

Tgt Ion: 43 Resp: 166433
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.4 47.2
 100 17.0 14.2 21.4





#42

Toluene

Concen: 26.491 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

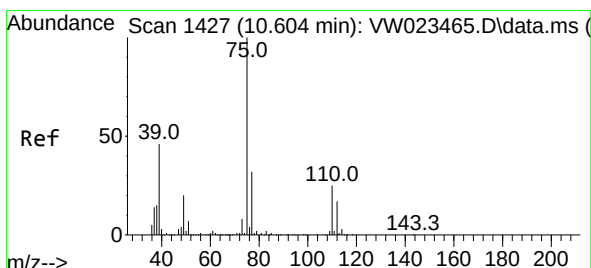
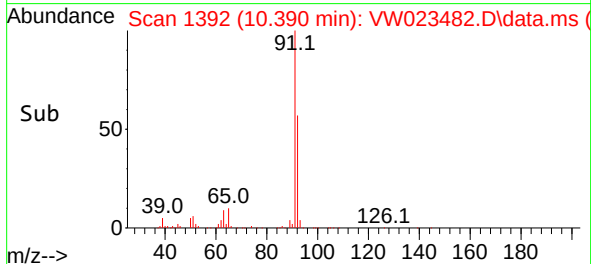
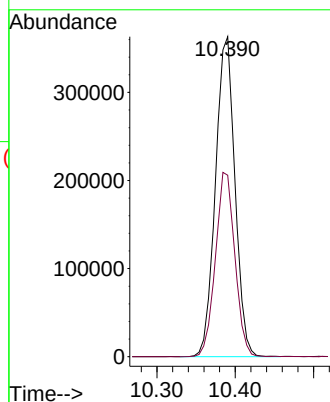
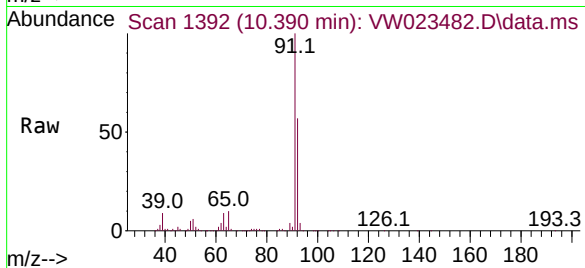
VSTD025572

Tgt Ion: 91 Resp: 628398

Ion Ratio Lower Upper

91 100

92 56.7 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 26.654 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023482.D

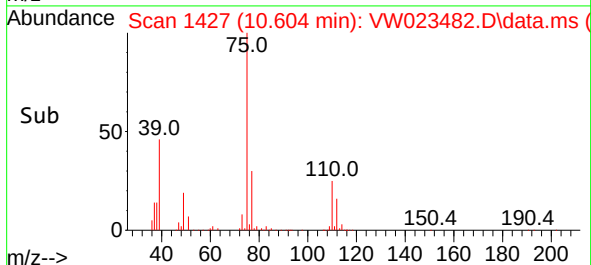
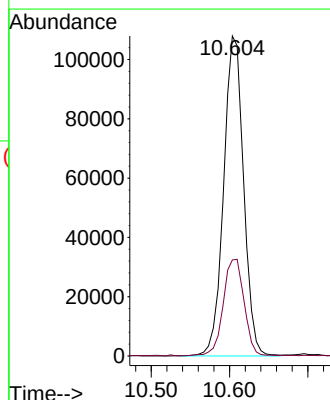
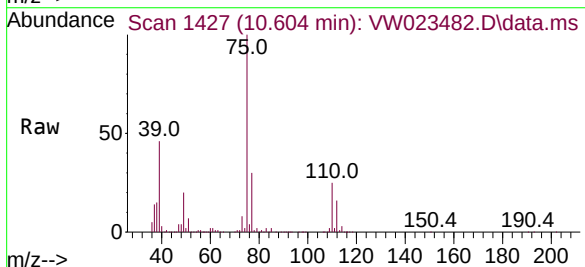
Acq: 14 Jun 2022 09:38

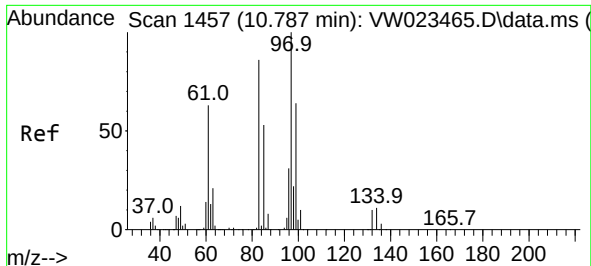
Tgt Ion: 75 Resp: 191226

Ion Ratio Lower Upper

75 100

77 30.0 22.0 40.8

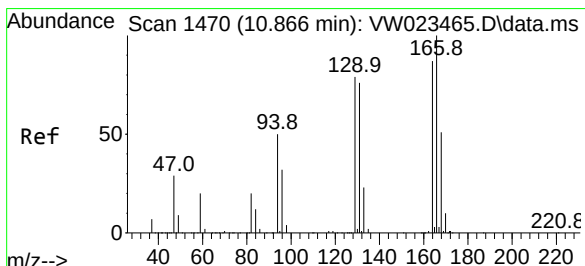
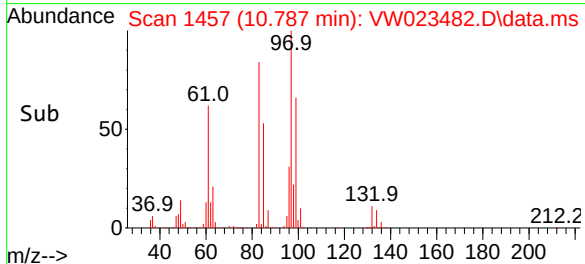
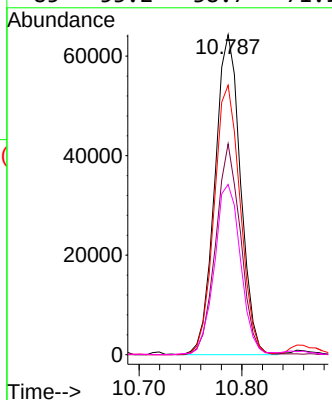
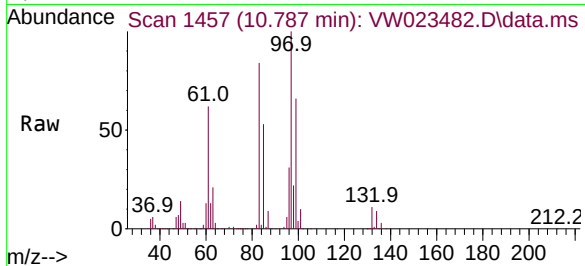




#45
1,1,2-Trichloroethane
Concen: 26.147 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

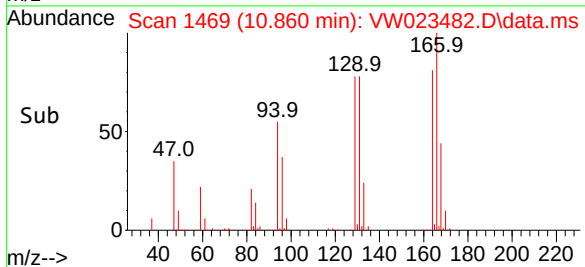
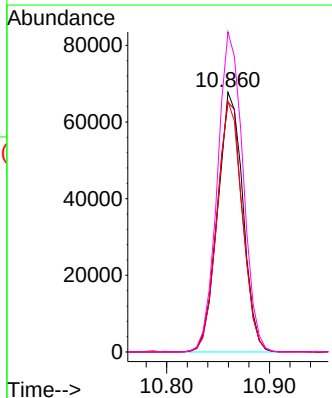
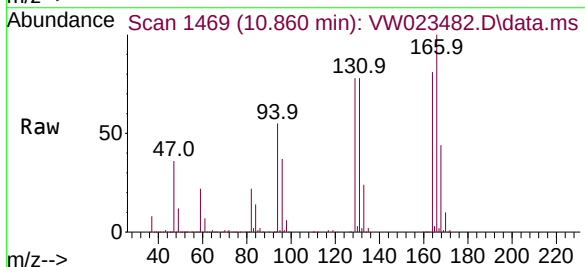
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

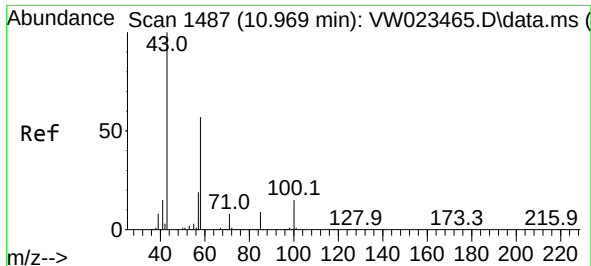
Tgt Ion:	97	Resp:	111436
Ion	Ratio	Lower	Upper
97	100		
99	65.9	44.7	82.9
83	84.2	58.4	108.4
85	53.2	38.7	71.9



#46
Tetrachloroethene
Concen: 26.310 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion:	164	Resp:	115583
Ion	Ratio	Lower	Upper
164	100		
129	96.2	76.9	142.7
131	96.5	75.1	139.5
166	123.2	96.0	178.2



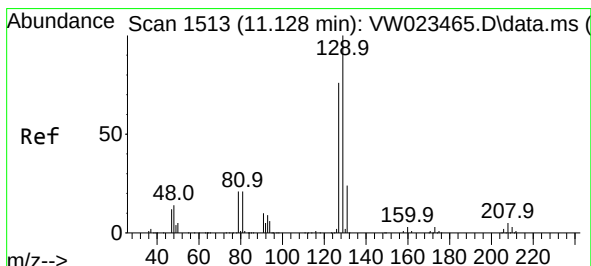
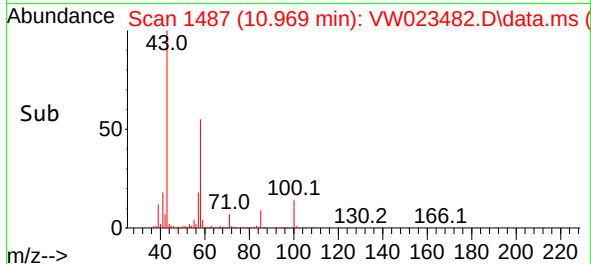
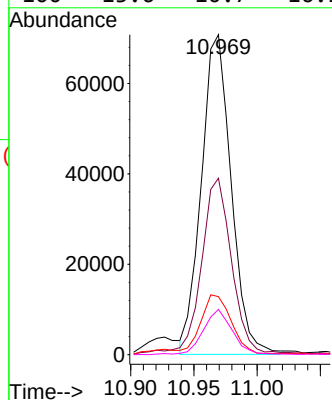
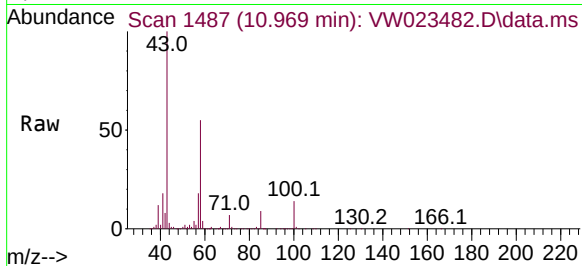


#48
2-Hexanone
Concen: 58.132 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

Tgt Ion: 43 Resp: 116260

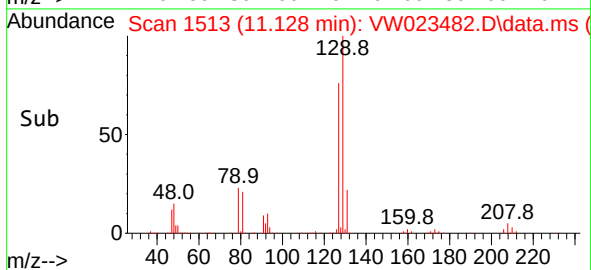
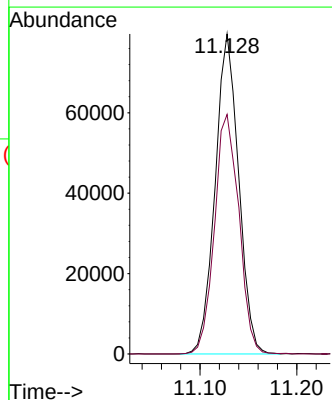
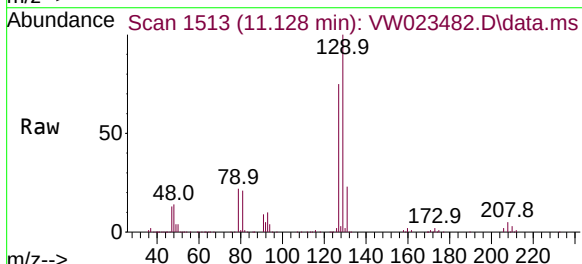
Ion	Ratio	Lower	Upper
43	100		
58	55.7	45.9	68.9
57	19.1	16.2	24.2
100	13.6	10.7	16.1

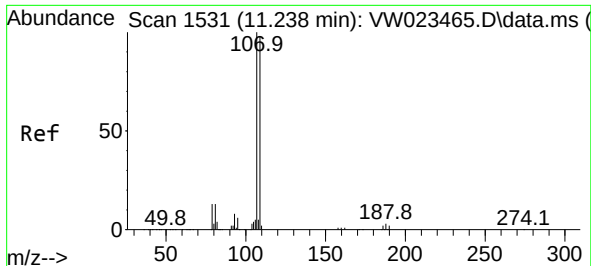


#49
Dibromochloromethane
Concen: 26.901 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 129 Resp: 134272

Ion	Ratio	Lower	Upper
129	100		
127	74.8	53.8	100.0





#50

1,2-Dibromoethane

Concen: 27.461 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

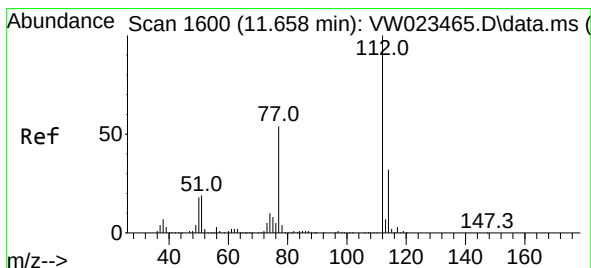
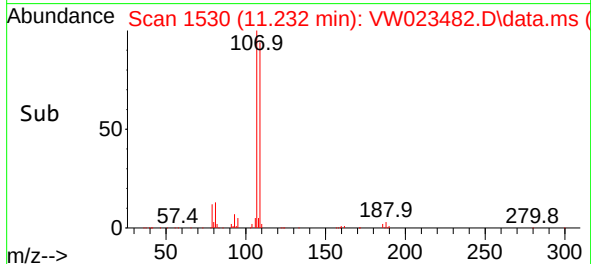
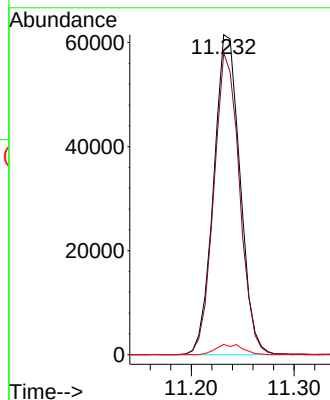
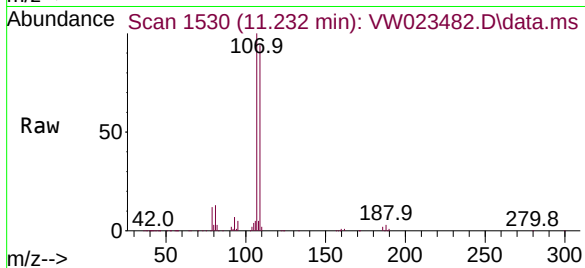
Tgt Ion:107 Resp: 109407

Ion Ratio Lower Upper

107 100

109 94.4 67.5 125.4

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 25.653 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

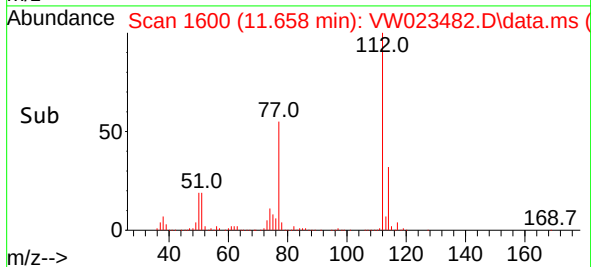
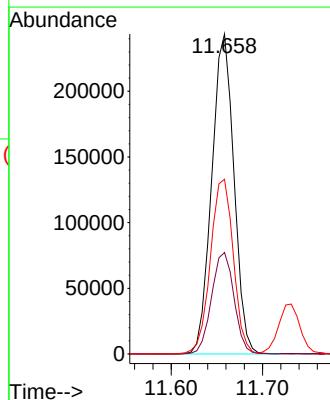
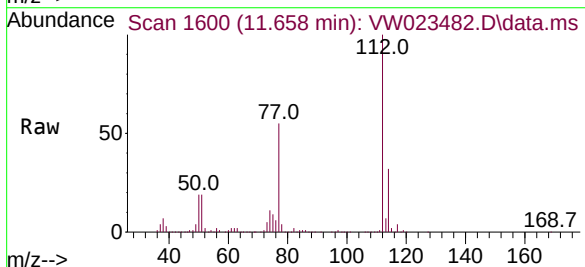
Tgt Ion:112 Resp: 410671

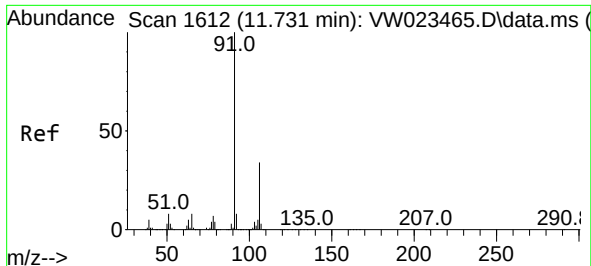
Ion Ratio Lower Upper

112 100

114 31.7 22.0 41.0

77 54.6 42.6 63.8

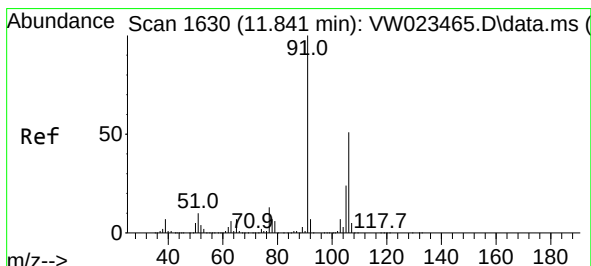
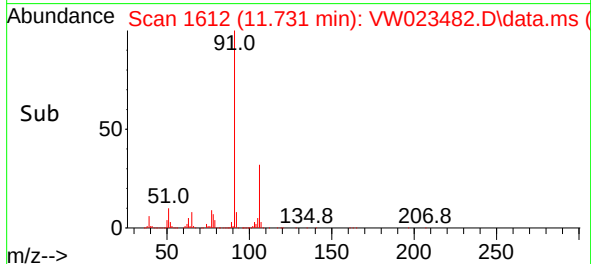
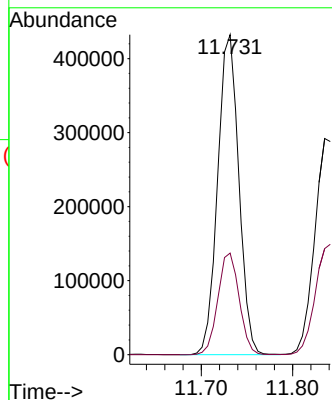
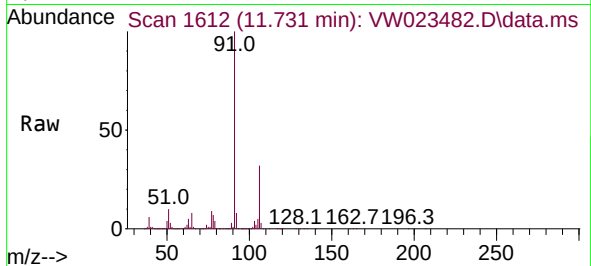




#52
Ethylbenzene
Concen: 25.813 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

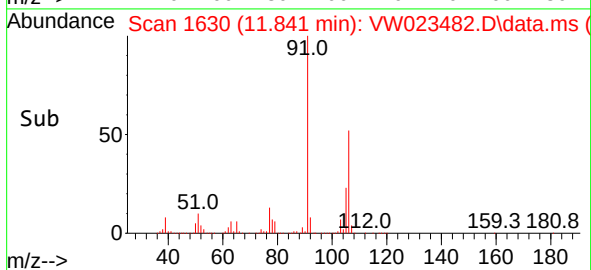
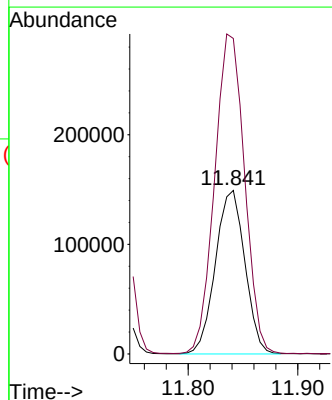
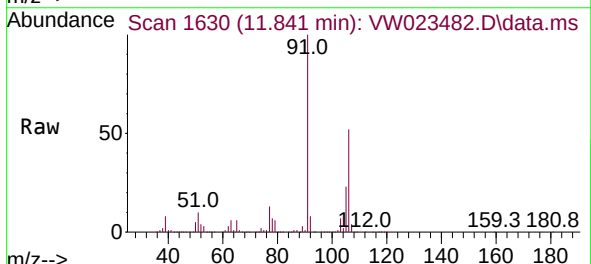
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

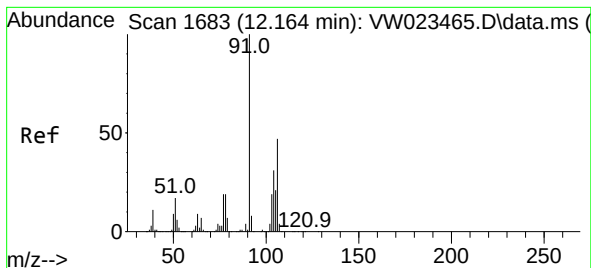
Tgt Ion: 91 Resp: 695913
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 26.583 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion:106 Resp: 278929
Ion Ratio Lower Upper
106 100
91 192.9 136.8 254.0





#54

o-Xylene

Concen: 26.863 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

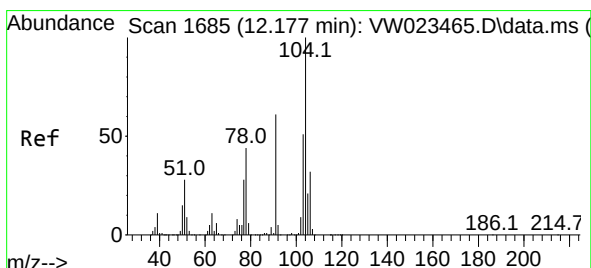
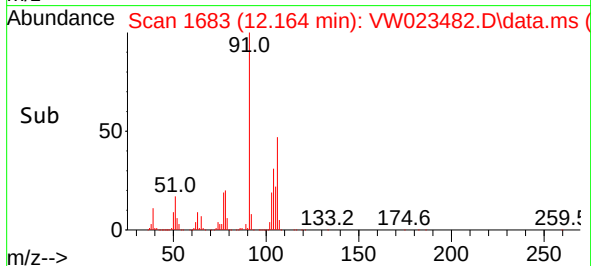
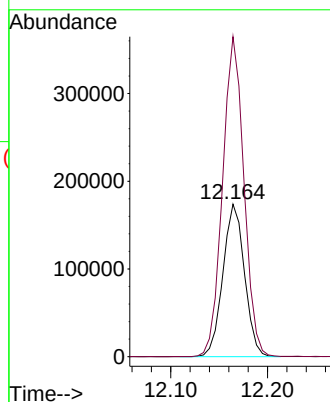
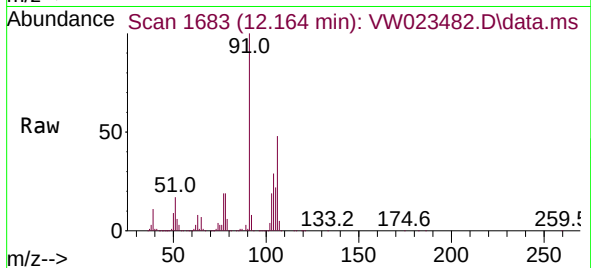
VSTD025572

Tgt Ion:106 Resp: 269357

Ion Ratio Lower Upper

106 100

91 209.9 147.2 273.4



#55

Styrene

Concen: 26.750 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW023482.D

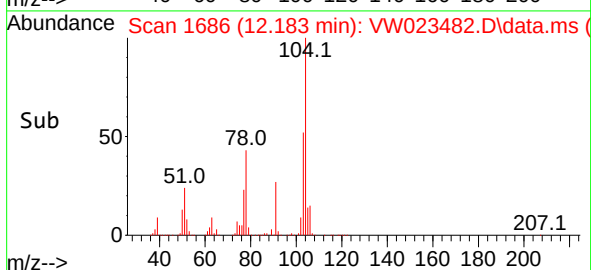
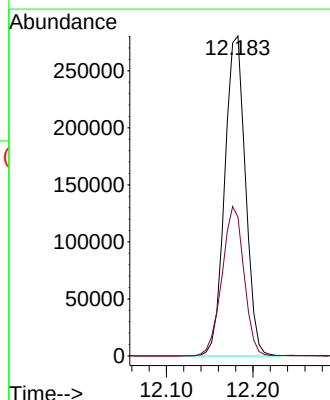
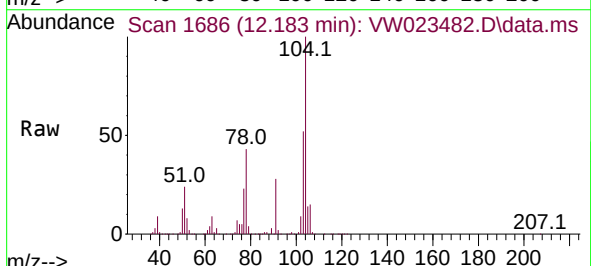
Acq: 14 Jun 2022 09:38

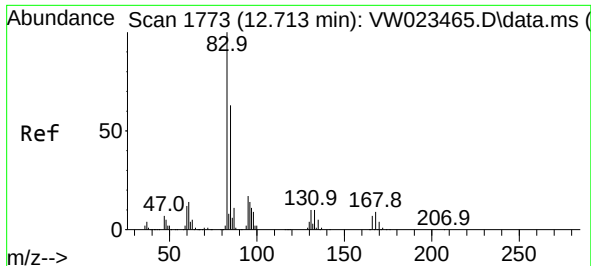
Tgt Ion:104 Resp: 466357

Ion Ratio Lower Upper

104 100

78 43.4 32.3 59.9

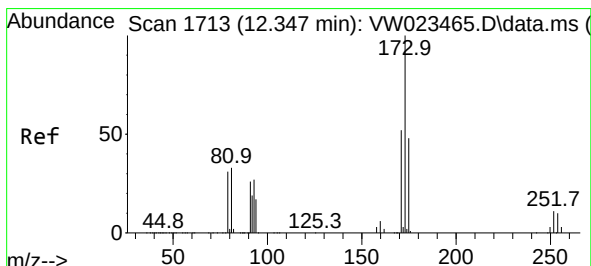
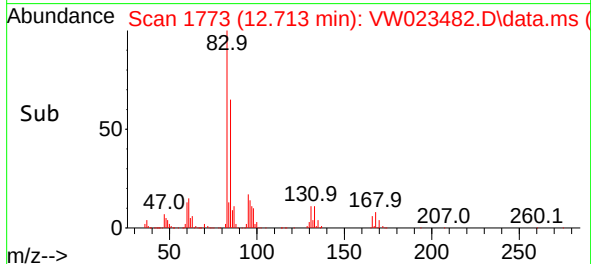
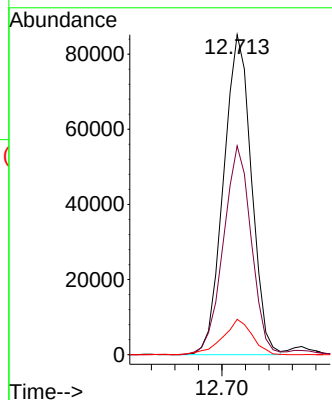
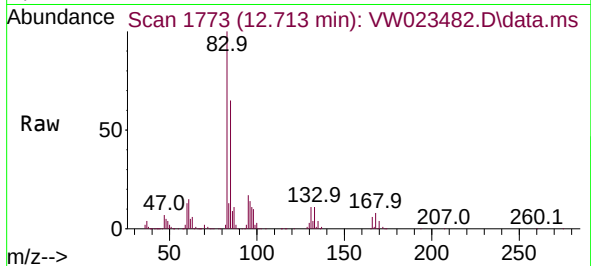




#57
1,1,2,2-Tetrachloroethane
Concen: 27.108 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

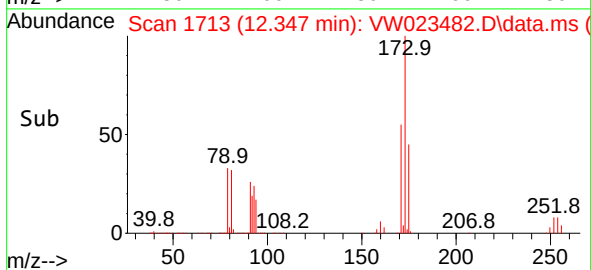
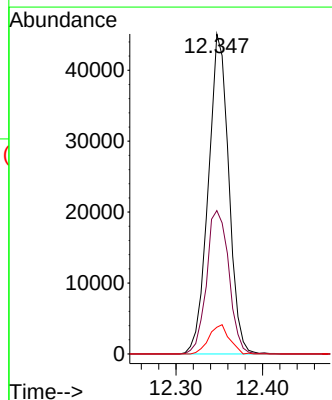
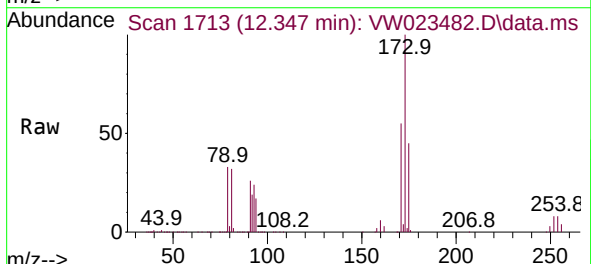
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

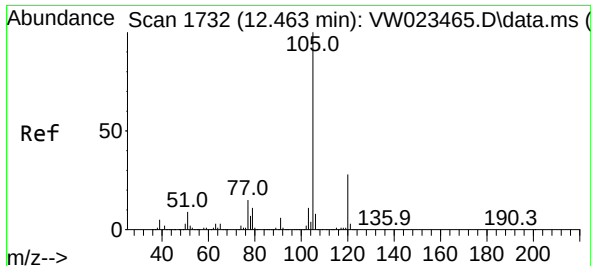
Tgt Ion: 83 Resp: 140303
Ion Ratio Lower Upper
83 100
85 65.3 47.5 88.1
131 11.0 8.7 13.1



#59
Bromoform
Concen: 25.431 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion:173 Resp: 74068
Ion Ratio Lower Upper
173 100
175 48.8 38.1 57.1
254 9.1 6.5 9.7

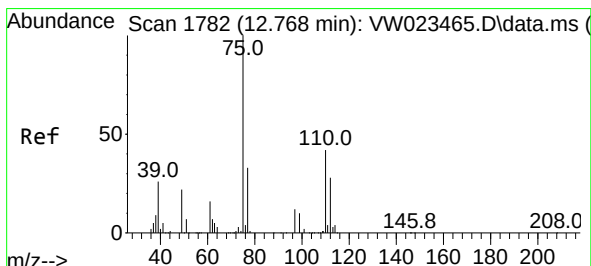
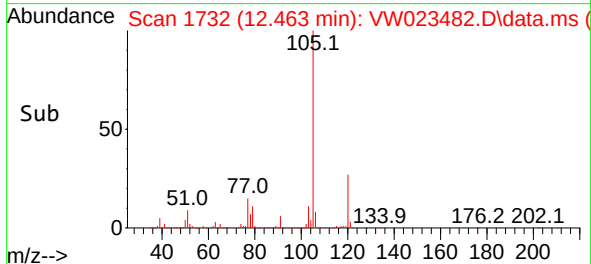
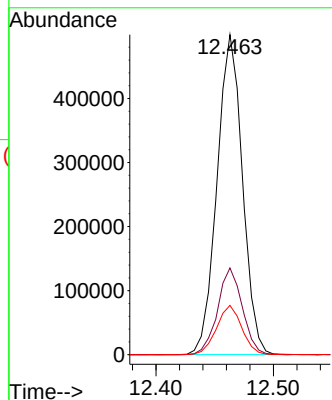
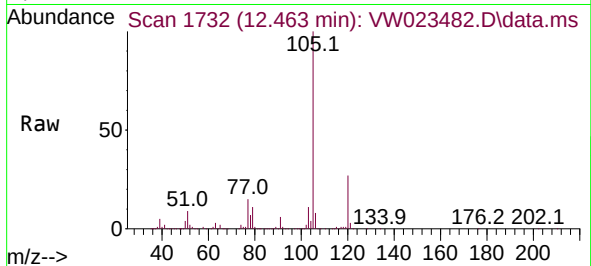




#60
Isopropylbenzene
Concen: 25.597 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

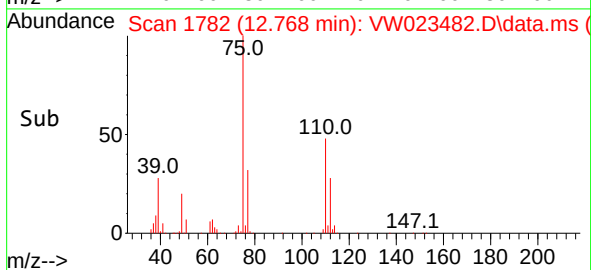
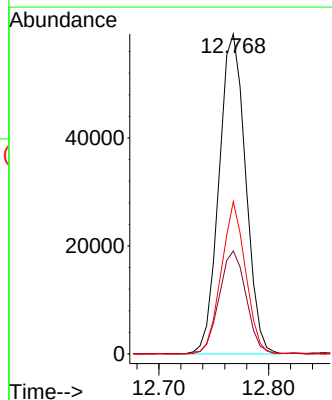
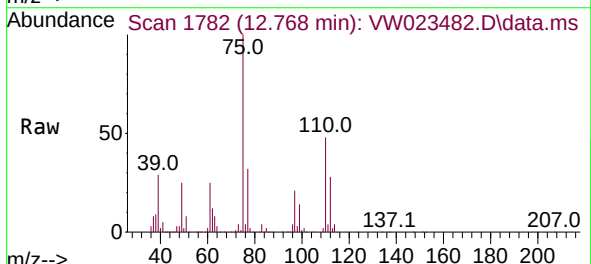
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

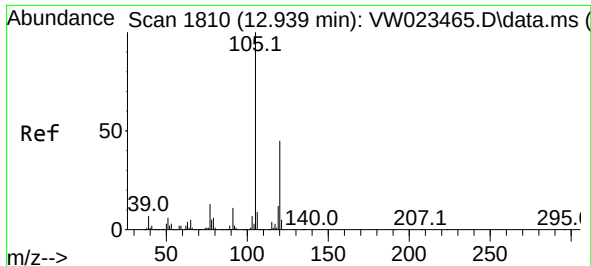
Tgt Ion:105 Resp: 750721
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.617 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion: 75 Resp: 99873
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 43.4 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.907 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

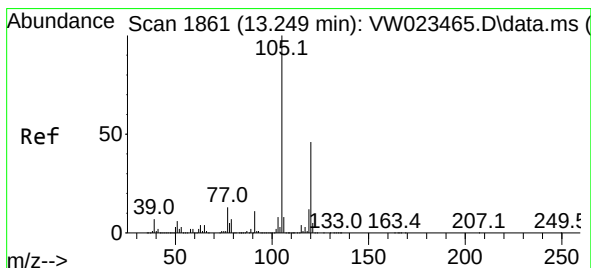
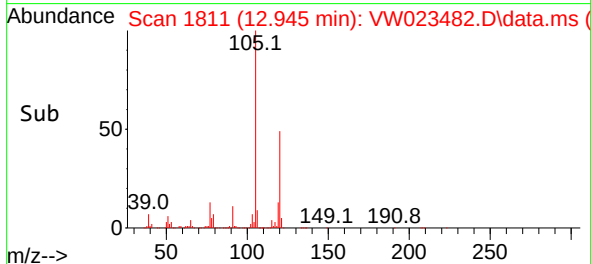
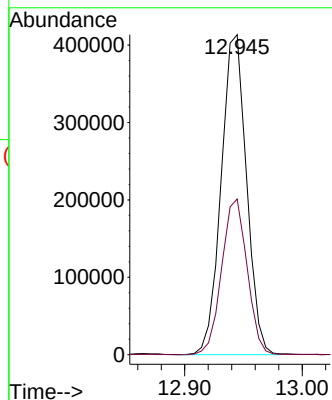
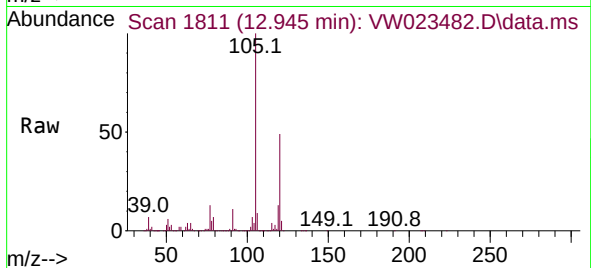
VSTD025572

Tgt Ion:105 Resp: 621411

Ion Ratio Lower Upper

105 100

120 48.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 25.665 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023482.D

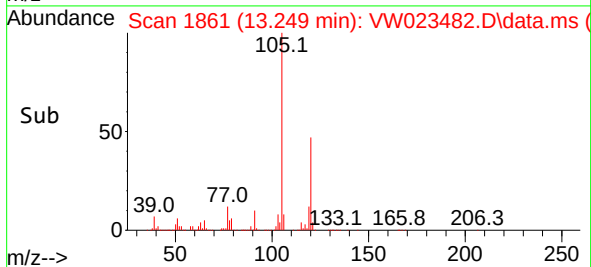
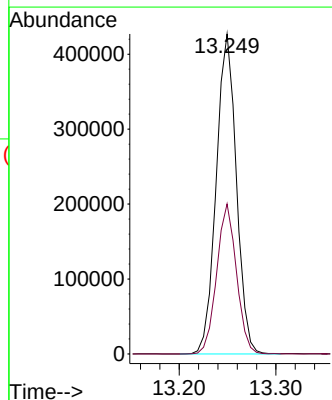
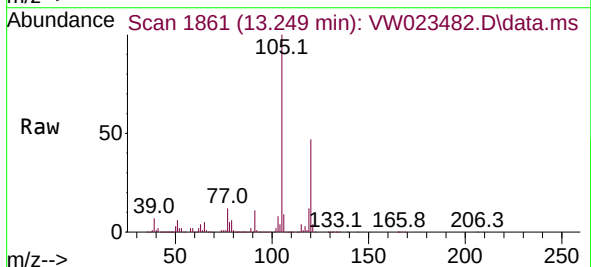
Acq: 14 Jun 2022 09:38

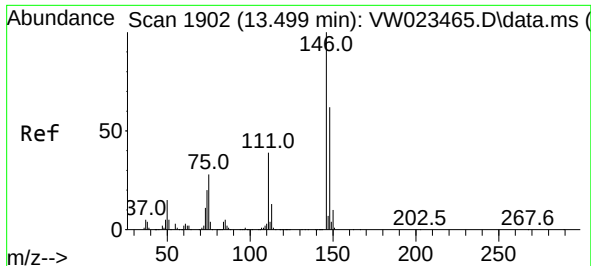
Tgt Ion:105 Resp: 616061

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.2

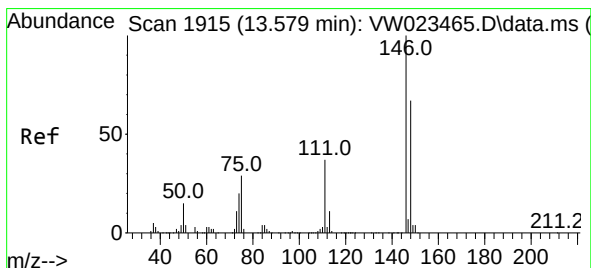
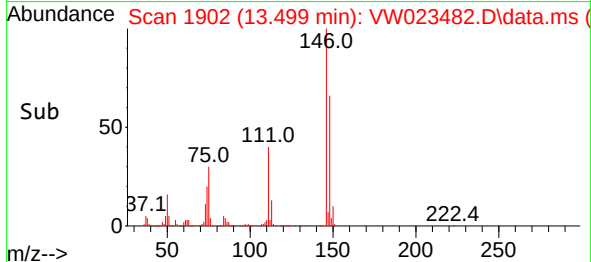
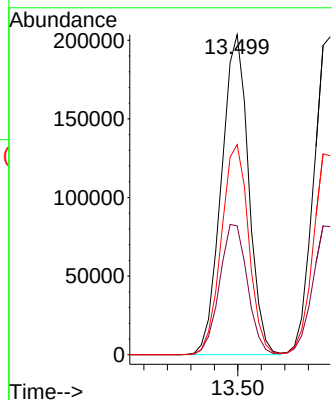
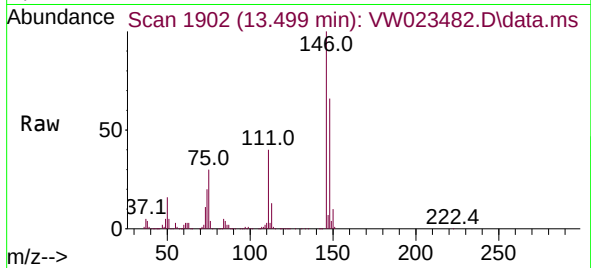




#64
1,3-Dichlorobenzene
Concen: 25.136 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

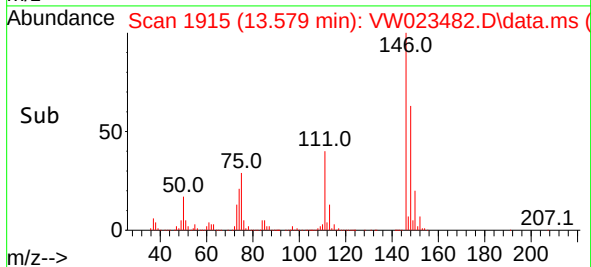
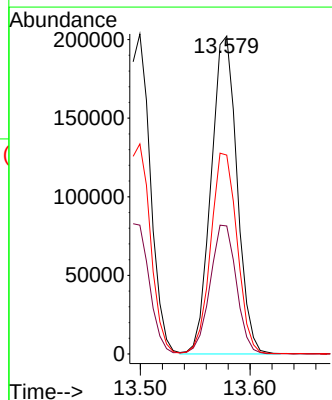
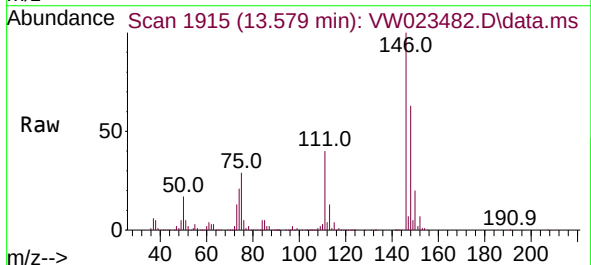
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

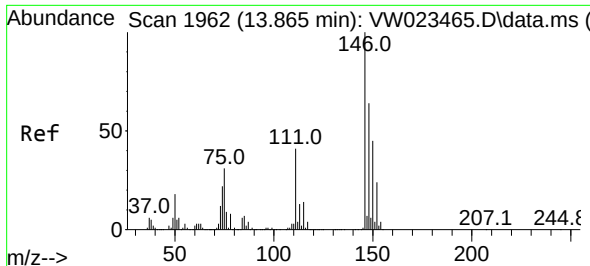
Tgt Ion:146 Resp: 327042
Ion Ratio Lower Upper
146 100
111 40.2 29.5 54.9
148 65.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.093 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion:146 Resp: 333375
Ion Ratio Lower Upper
146 100
111 40.3 27.2 50.4
148 62.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.772 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

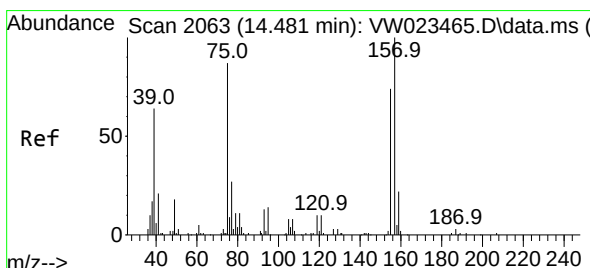
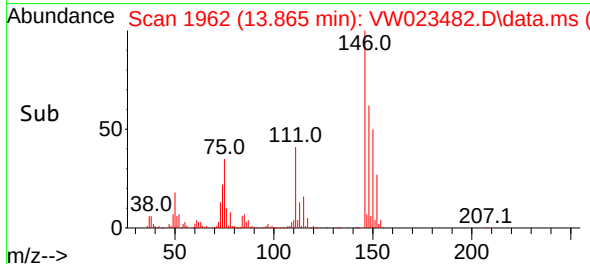
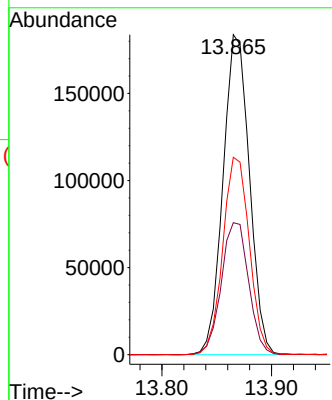
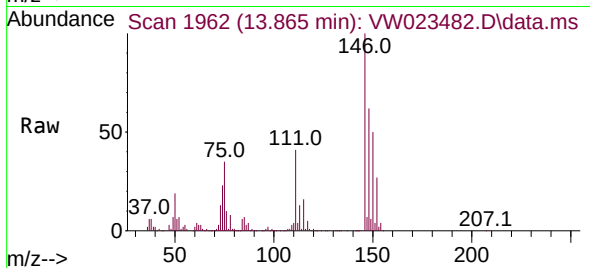
Tgt Ion:146 Resp: 307135

Ion Ratio Lower Upper

146 100

111 41.2 35.7 53.5

148 61.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.627 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023482.D

Acq: 14 Jun 2022 09:38

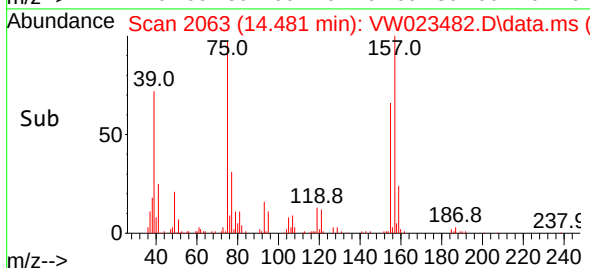
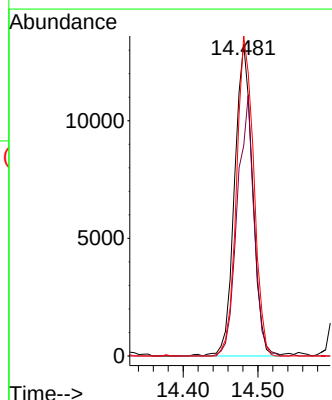
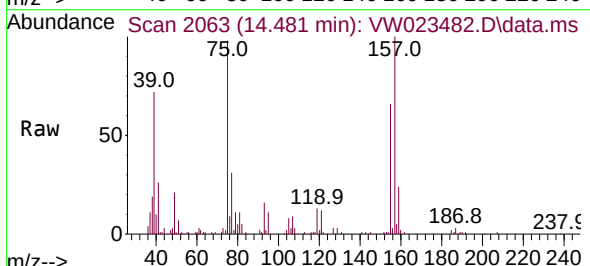
Tgt Ion: 75 Resp: 22061

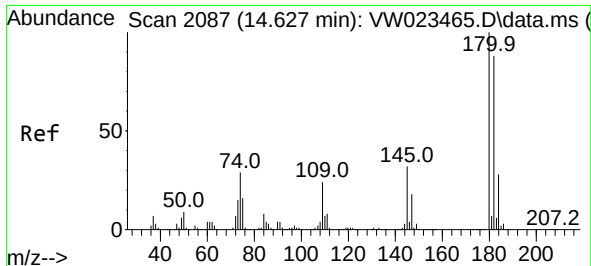
Ion Ratio Lower Upper

75 100

155 67.4 59.3 88.9

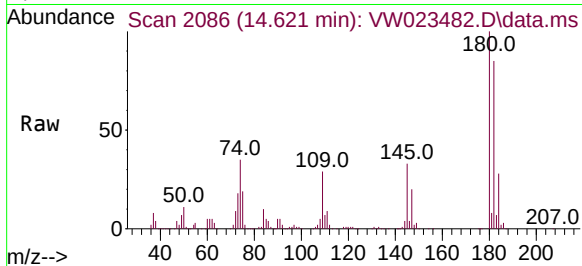
157 102.5 89.8 134.8



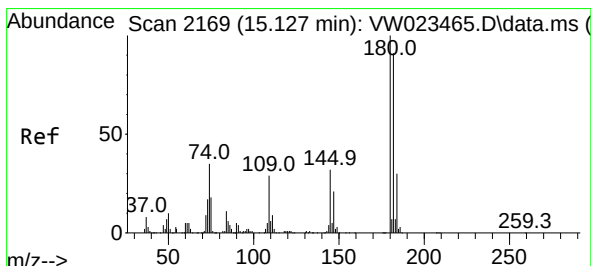
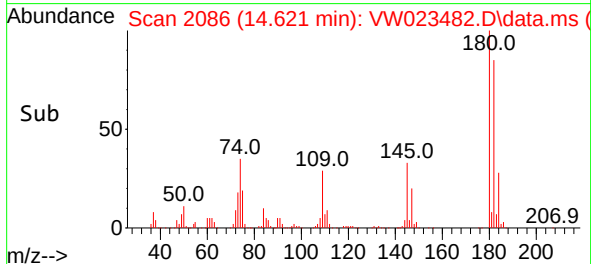
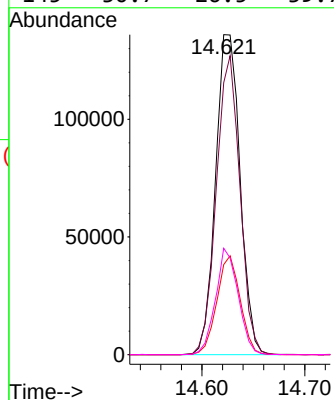


#69
 1,3,5-Trichlorobenzene
 Concen: 26.472 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

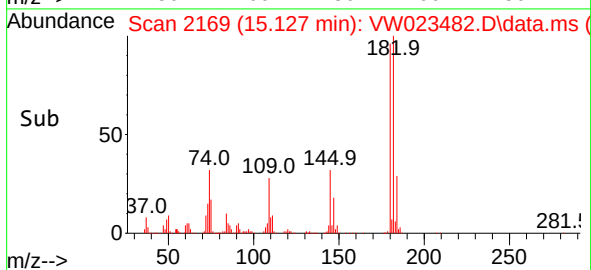
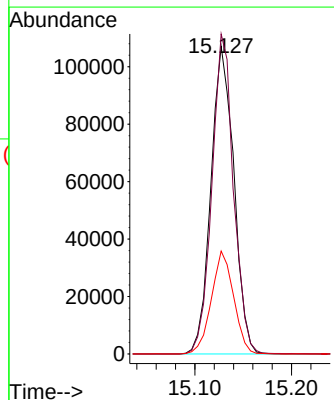
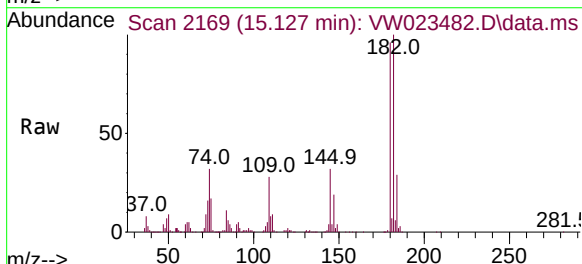


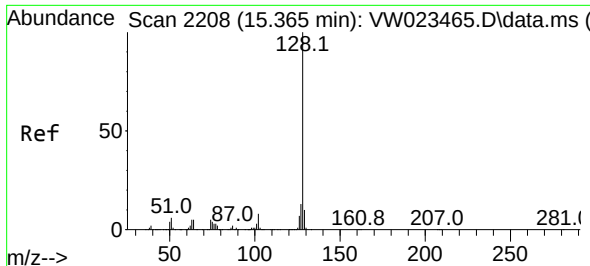
Tgt Ion:180 Resp: 225054
 Ion Ratio Lower Upper
 180 100
 182 89.7 74.8 112.2
 184 29.5 23.4 35.2
 145 30.7 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 26.636 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW023482.D
 Acq: 14 Jun 2022 09:38

Tgt Ion:180 Resp: 176331
 Ion Ratio Lower Upper
 180 100
 182 97.9 74.9 112.3
 145 32.5 26.6 39.8

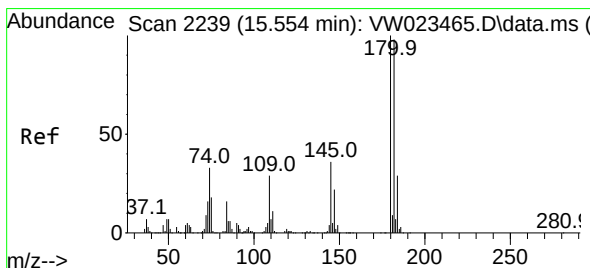
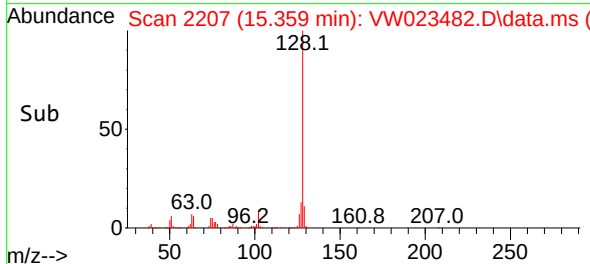
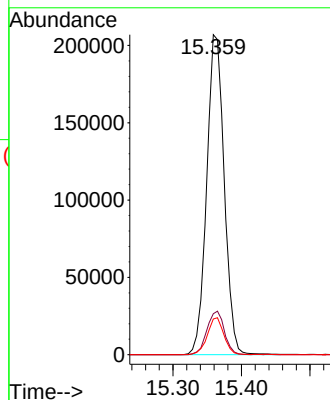
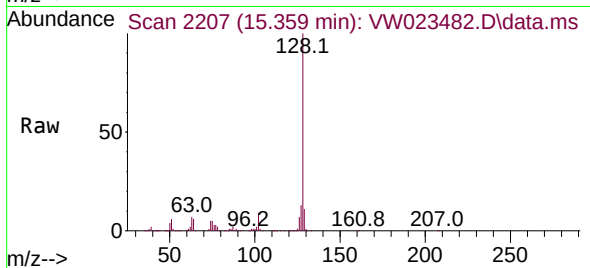




#71
Naphthalene
Concen: 28.307 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

Tgt Ion:128 Resp: 368643
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.995 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023482.D
Acq: 14 Jun 2022 09:38

Tgt Ion:180 Resp: 149605
Ion Ratio Lower Upper
180 100
182 100.1 73.5 110.3
145 36.2 27.9 41.9

