

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071122\
 Data File : VW023596.D
 Acq On : 11 Jul 2022 15:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Jul 12 01:42:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 12 01:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	337283	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	323328	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175041	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	142772	23.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.520%
7) Chloroethane-d5	2.879	69	83601	23.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	4.013	63	163815	23.798	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.200%
21) 2-Butanone-d5	7.080	46	57405	45.277	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.560%
24) Chloroform-d	7.647	84	224865	23.406	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.640%
26) 1,2-Dichloroethane-d4	8.299	65	122127	22.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.960%
32) Benzene-d6	8.269	84	416978	23.308	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	9.268	67	122145	23.321	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.280%
41) Toluene-d8	10.323	98	406999	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	10.573	79	54033	23.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.440%
47) 2-Hexanone-d5	10.921	63	48379	47.228	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121783	23.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	153258	24.268	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	76147	37.744	ug/L	99
3) Chloromethane	2.215	50	109271	23.388	ug/L	100
5) Vinyl chloride	2.355	62	191288	25.186	ug/L	99
6) Bromomethane	2.770	94	96127	21.923	ug/L	96
8) Chloroethane	2.916	64	72868	25.395	ug/L	98
9) Trichlorofluoromethane	3.245	101	87532	28.888	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	117108	24.345	ug/L	99
12) 1,1-Dichloroethene	4.026	96	96744	24.121	ug/L	94
13) Acetone	4.123	43	46454	49.714	ug/L	96
14) Carbon disulfide	4.373	76	281284	23.555	ug/L	99
15) Methyl Acetate	4.672	43	48155	21.956	ug/L	99
16) Methylene chloride	4.910	84	120759	21.112	ug/L	93
17) trans-1,2-Dichloroethene	5.416	96	114805	23.781	ug/L	100
18) Methyl tert-butyl Ether	5.422	73	165504	23.220	ug/L	99
19) 1,1-Dichloroethane	6.208	63	206894	24.431	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	125358	23.708	ug/L	96
22) 2-Butanone	7.171	43	72226	43.078	ug/L	99
23) Bromochloromethane	7.507	128	60875	23.137	ug/L	98
25) Chloroform	7.671	83	231383	24.055	ug/L	98

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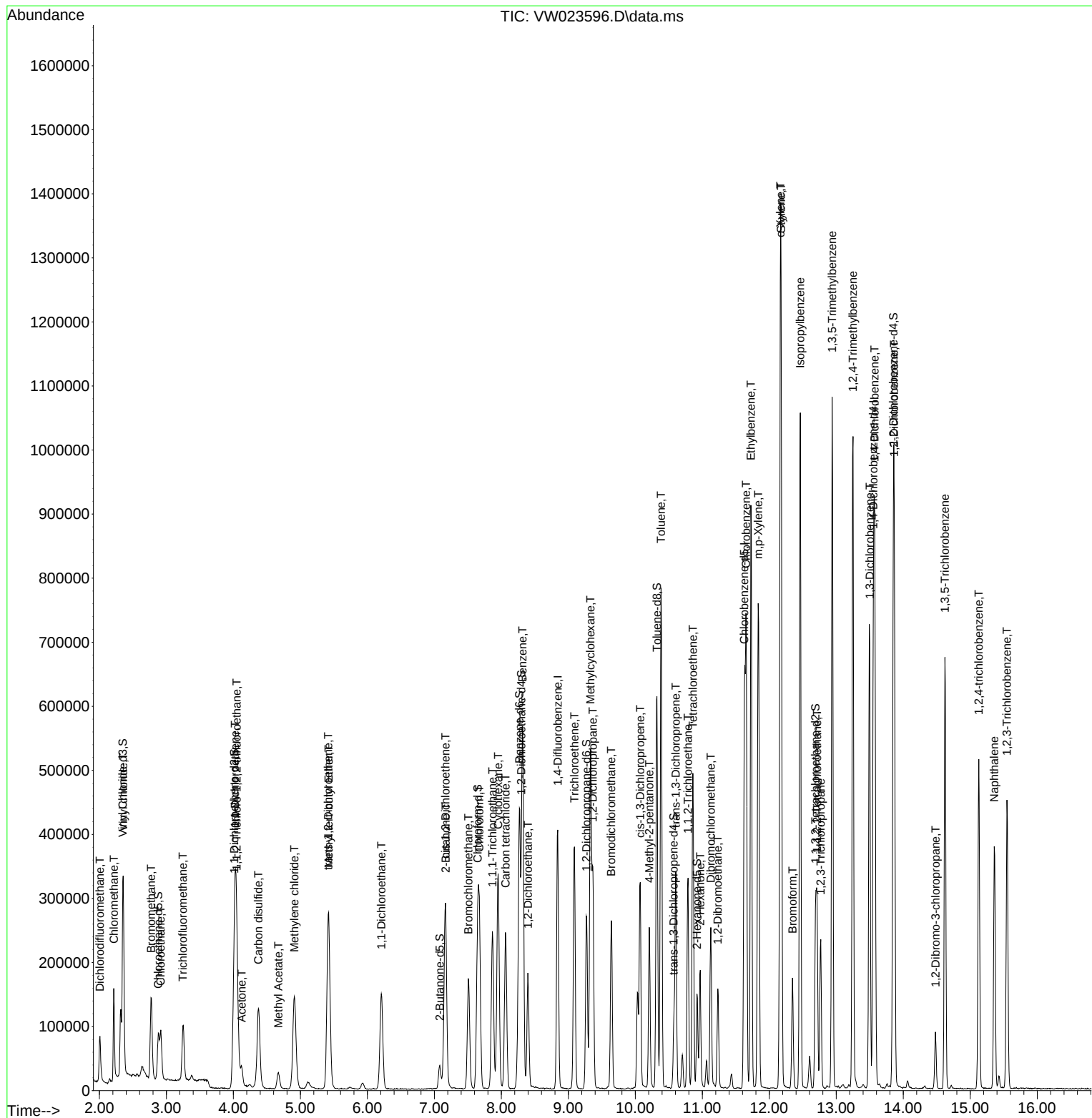
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 Quant Title : SFAM01.0
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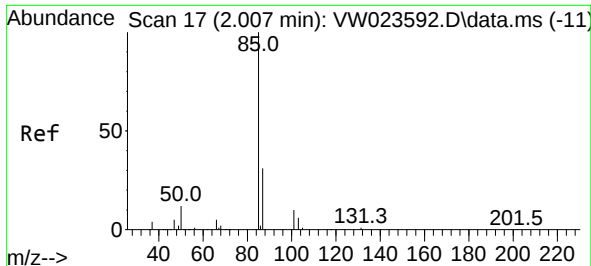
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	150987	23.194	ug/L	98
29) Cyclohexane	7.952	56	172339	25.622	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	192844	25.086	ug/L	99
31) Carbon tetrachloride	8.061	117	174313	24.477	ug/L	99
33) Benzene	8.317	78	488497	24.061	ug/L	100
34) Trichloroethene	9.092	95	129532	24.479	ug/L	98
35) Methylcyclohexane	9.329	83	217580	25.559	ug/L	98
37) 1,2-Dichloropropane	9.366	63	118824	24.208	ug/L	99
38) Bromodichloromethane	9.640	83	173829	25.083	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	186991	24.975	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	151751	46.439	ug/L	99
42) Toluene	10.384	91	562695	25.402	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	172922	25.049	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	101380	23.996	ug/L	94
46) Tetrachloroethene	10.860	164	101504	24.404	ug/L	96
48) 2-Hexanone	10.969	43	110042	47.532	ug/L	98
49) Dibromochloromethane	11.128	129	126312	25.113	ug/L	100
50) 1,2-Dibromoethane	11.232	107	97018	23.261	ug/L	96
51) Chlorobenzene	11.652	112	365885	24.260	ug/L	99
52) Ethylbenzene	11.725	91	624092	24.953	ug/L	98
53) m,p-Xylene	11.835	106	246151	25.369	ug/L	99
54) o-Xylene	12.164	106	239116	25.734	ug/L	100
55) Styrene	12.177	104	425007	26.303	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	126407	23.253	ug/L	99
59) Bromoform	12.347	173	70076	23.933	ug/L	98
60) Isopropylbenzene	12.463	105	665343	26.302	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90398	22.718	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	548966	26.168	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	547036	26.068	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	297146	24.832	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	300514	24.761	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	280085	25.382	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20237	21.581	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	195757	25.212	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	151747	24.188	ug/L	96
71) Naphthalene	15.359	128	322572	23.820	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	142956	24.583	ug/L	96

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

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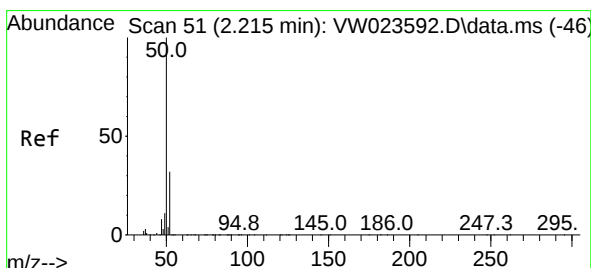
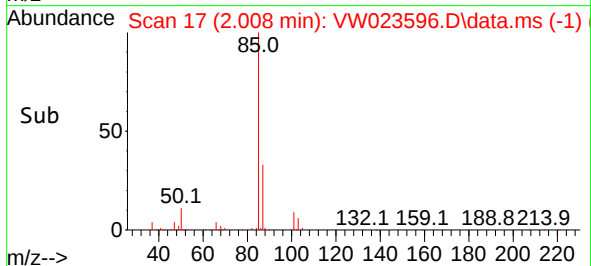
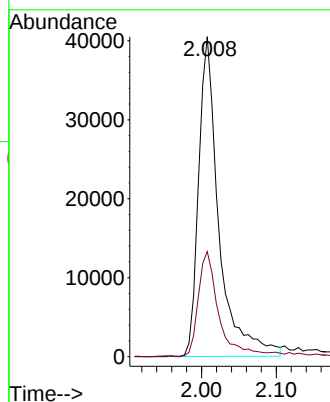
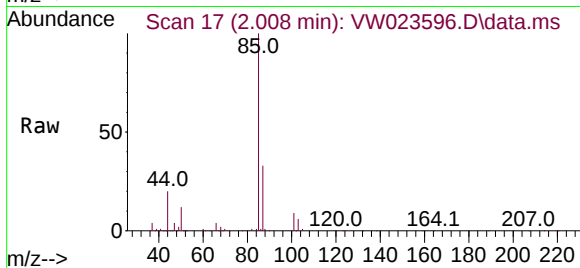




#2
 Dichlorodifluoromethane
 Concen: 37.744 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

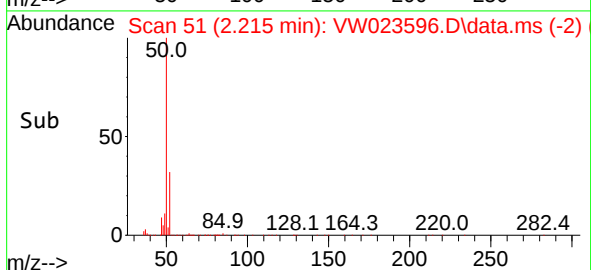
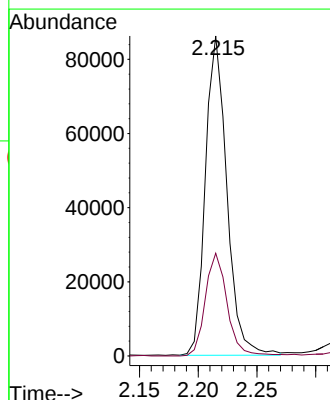
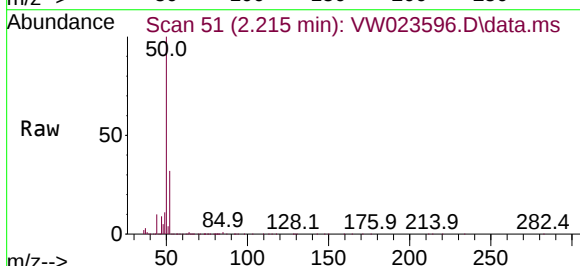
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

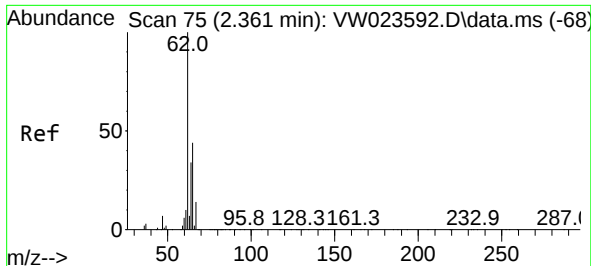
Tgt Ion: 85 Resp: 76147
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 23.388 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

Tgt Ion: 50 Resp: 109271
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.9

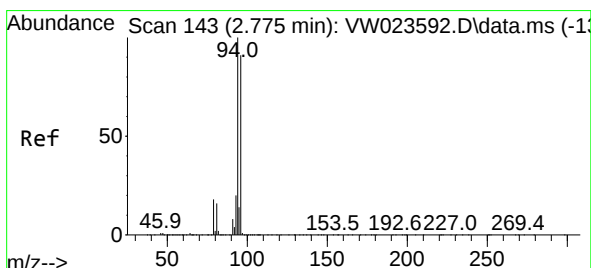
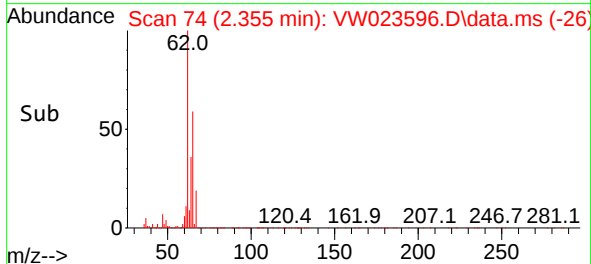
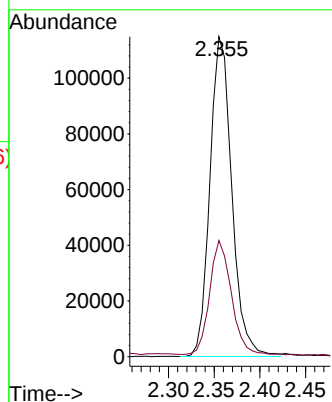
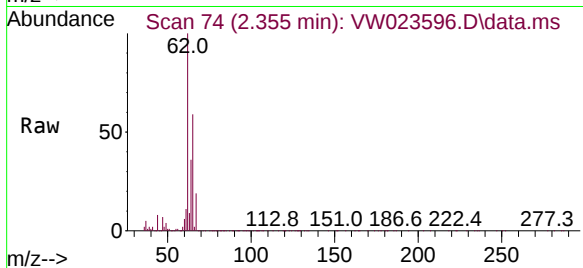




#5
 Vinyl chloride
 Concen: 25.186 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

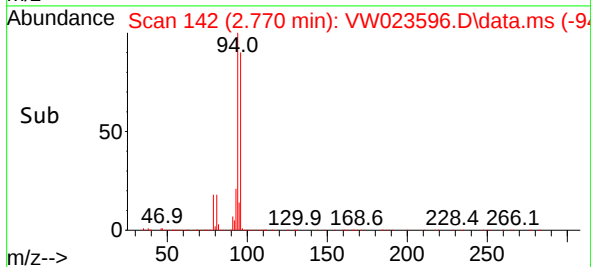
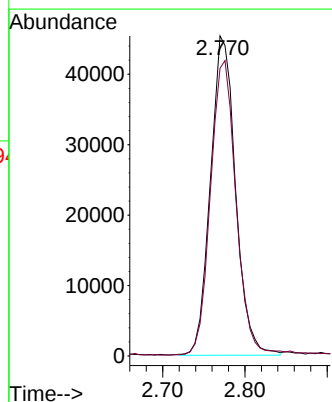
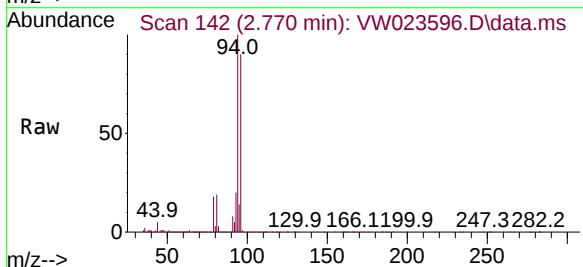
Instrument :
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 ClientSampleId :
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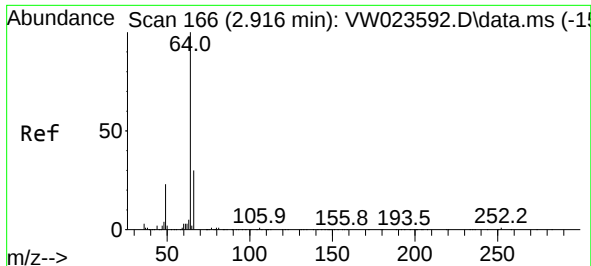
Tgt Ion: 62 Resp: 191288
 Ion Ratio Lower Upper
 62 100
 64 36.3 25.8 47.8



#6
 Bromomethane
 Concen: 21.923 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

Tgt Ion: 94 Resp: 96127
 Ion Ratio Lower Upper
 94 100
 96 89.9 65.6 121.8

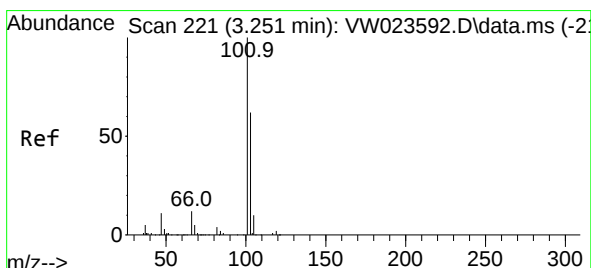
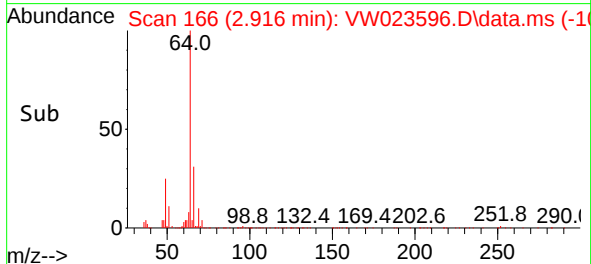
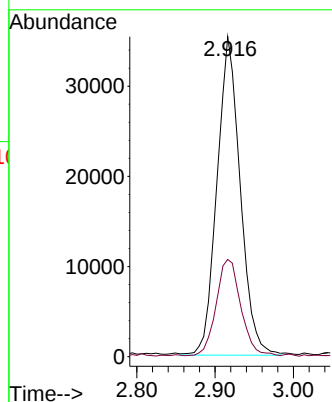
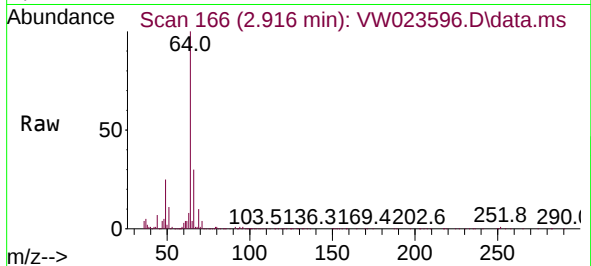




#8
Chloroethane
Concen: 25.395 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

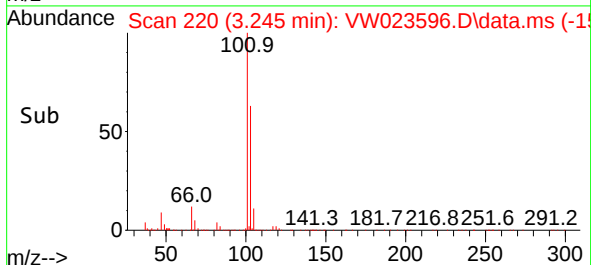
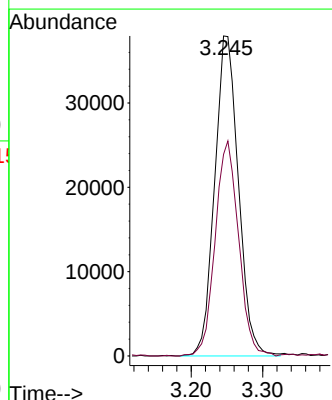
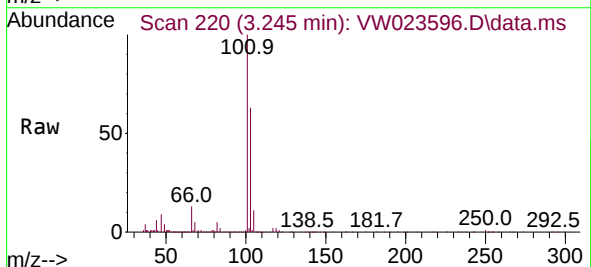
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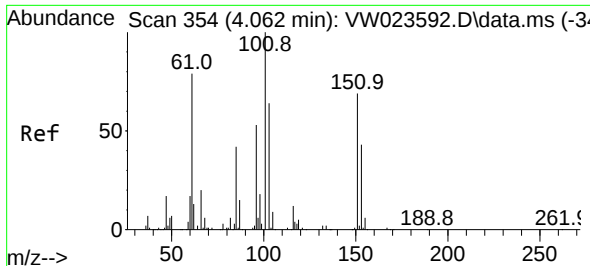
Tgt Ion: 64 Resp: 72868
Ion Ratio Lower Upper
64 100
66 30.4 20.6 38.2



#9
Trichlorofluoromethane
Concen: 28.888 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 101 Resp: 87532
Ion Ratio Lower Upper
101 100
103 66.2 53.2 79.8

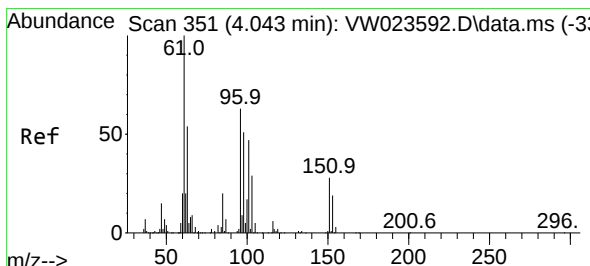
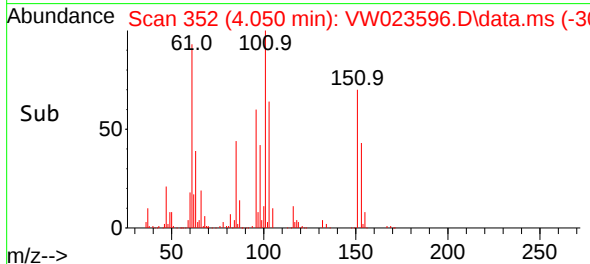
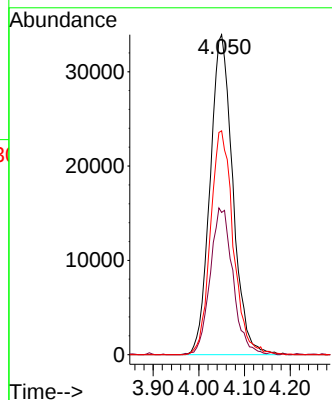
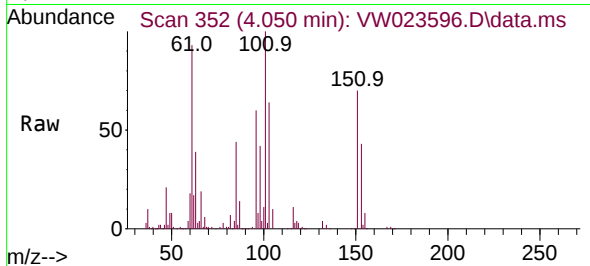




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.345 ug/L
 RT: 4.050 min Scan# 311
 Delta R.T. -0.012 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

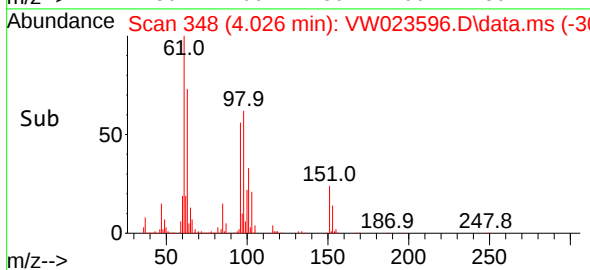
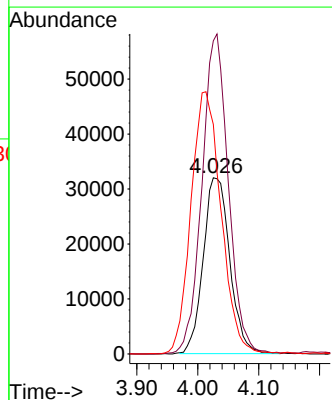
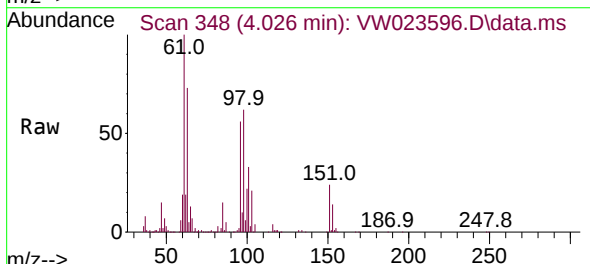
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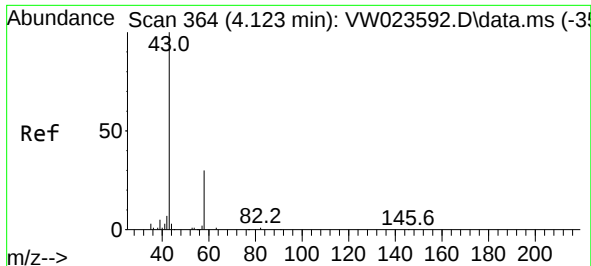
Tgt Ion:101 Resp: 117108
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.0 55.4
 151 69.7 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 24.121 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. -0.018 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

Tgt Ion: 96 Resp: 96744
 Ion Ratio Lower Upper
 96 100
 61 177.8 122.0 226.6
 63 130.3 83.0 154.2

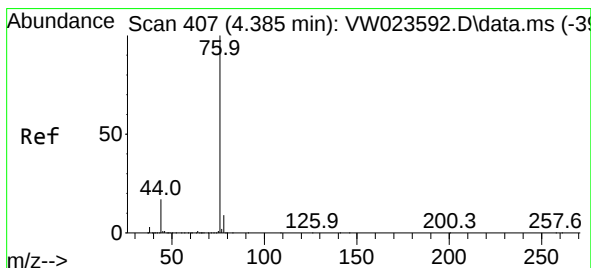
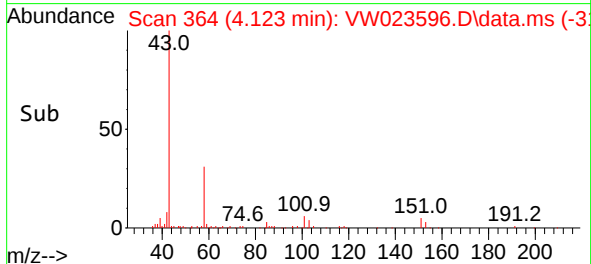
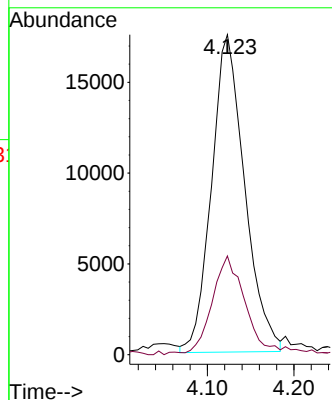
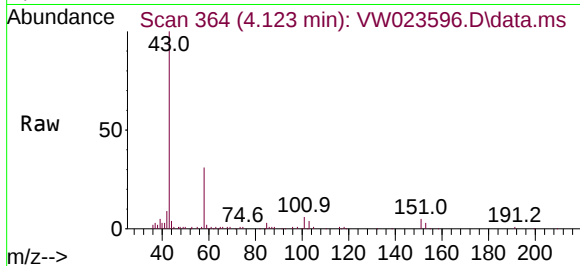




#13
Acetone
Concen: 49.714 ug/L
RT: 4.123 min Scan# 305
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

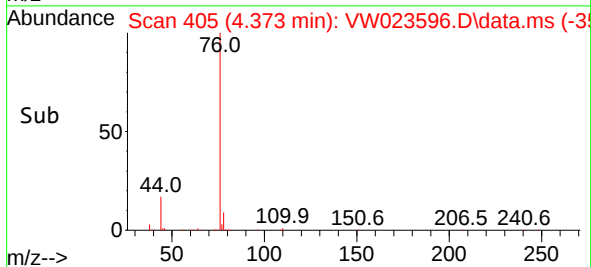
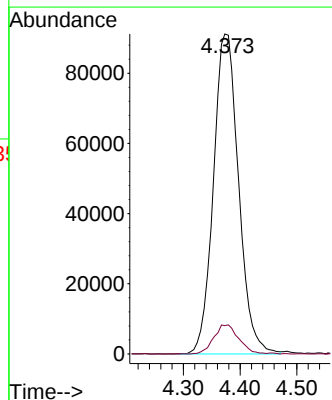
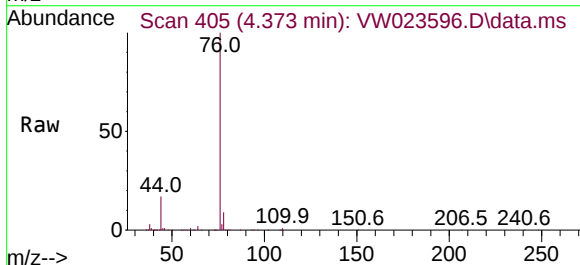
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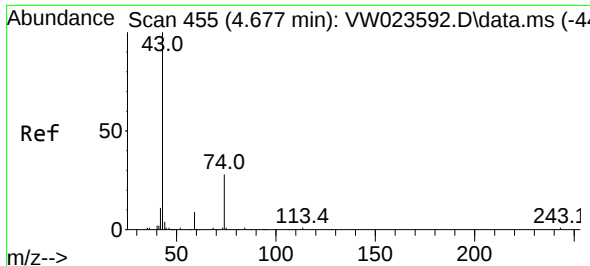
Tgt Ion: 43 Resp: 46454
Ion Ratio Lower Upper
43 100
58 28.6 0.0 61.2



#14
Carbon disulfide
Concen: 23.555 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.012 min
Lab File: VW023596.D
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Tgt Ion: 76 Resp: 281284
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

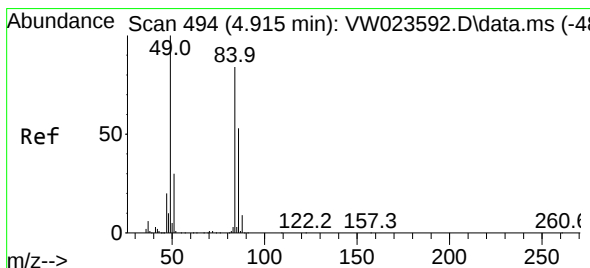
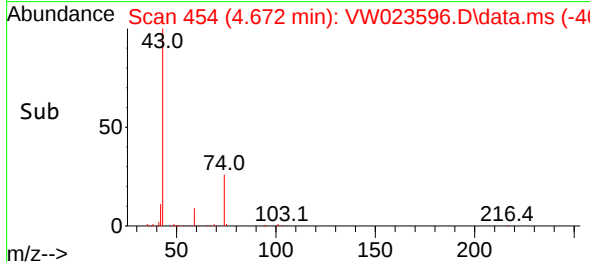
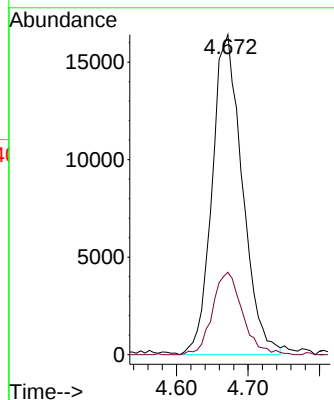
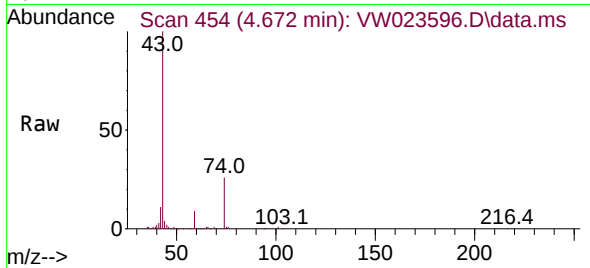




#15
Methyl Acetate
Concen: 21.956 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

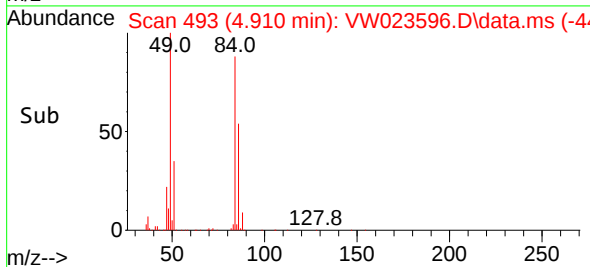
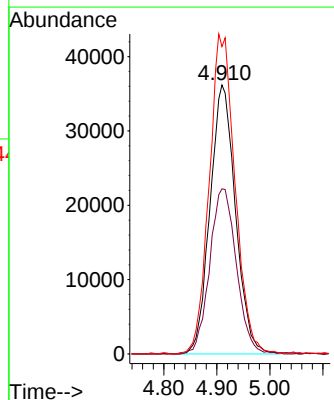
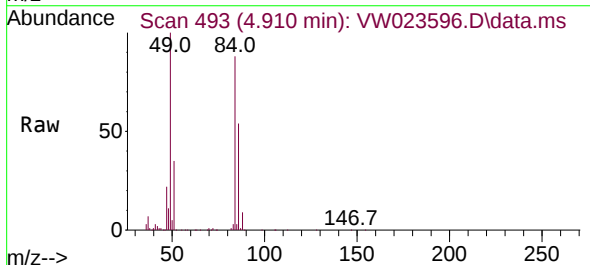
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

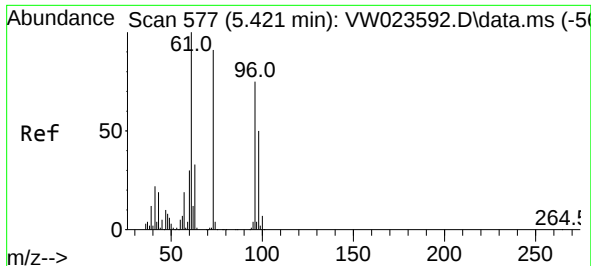
Tgt Ion: 43 Resp: 48155
Ion Ratio Lower Upper
43 100
74 24.9 20.4 30.6



#16
Methylene chloride
Concen: 21.112 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 84 Resp: 120759
Ion Ratio Lower Upper
84 100
86 61.4 44.9 83.3
49 114.3 87.6 162.6

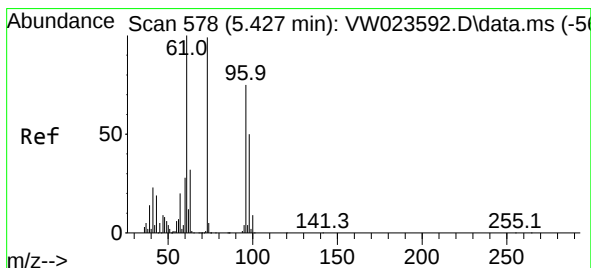
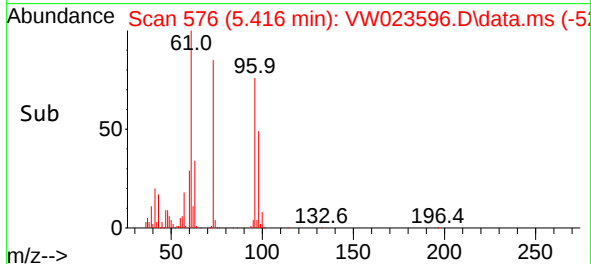
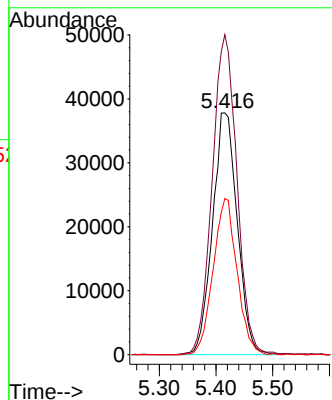
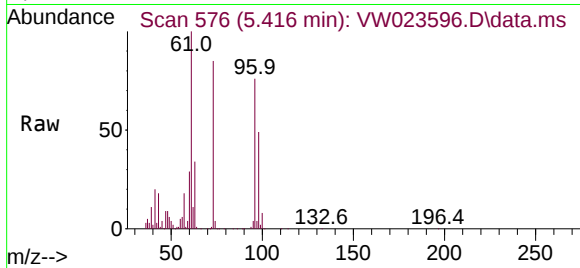




#17
trans-1,2-Dichloroethene
Concen: 23.781 ug/L
RT: 5.416 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

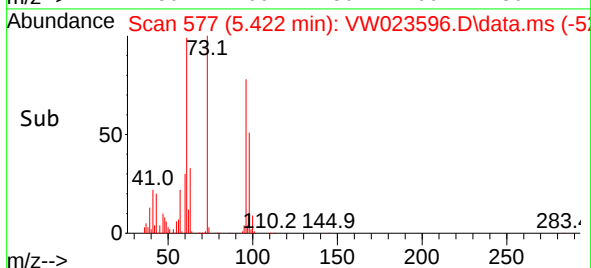
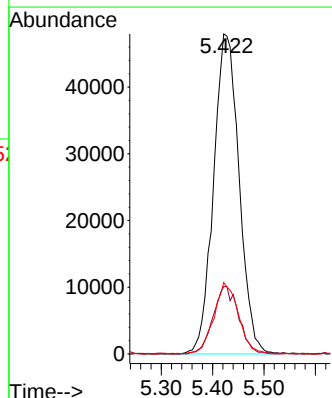
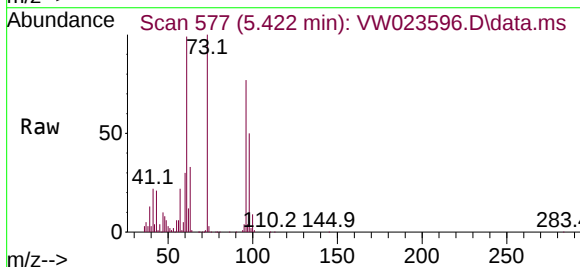
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

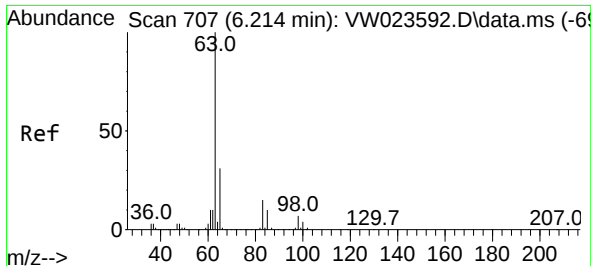
Tgt Ion: 96 Resp: 114805
Ion Ratio Lower Upper
96 100
61 132.4 92.3 171.5
98 64.6 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 23.220 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 73 Resp: 165504
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.2
57 21.4 16.9 25.3

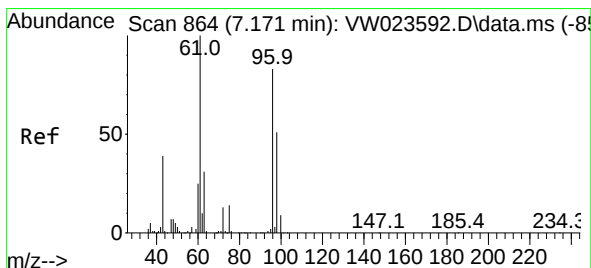
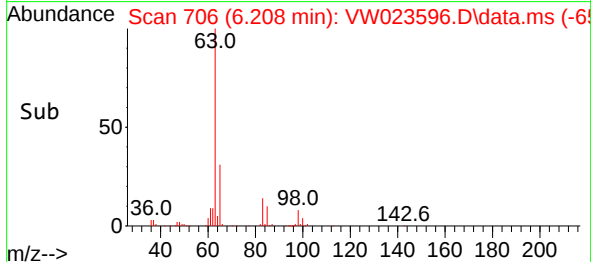
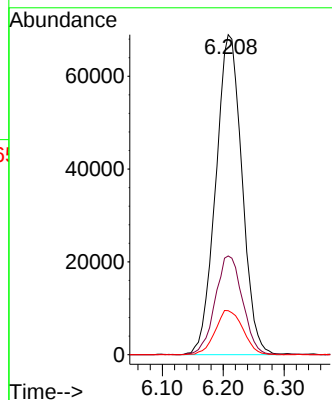
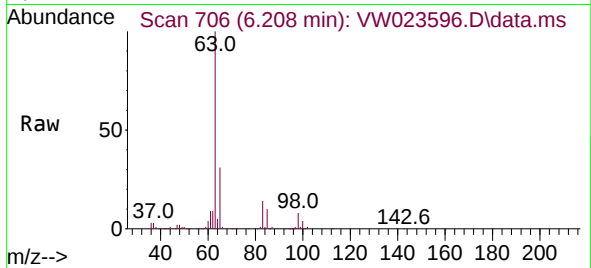




#19
 1,1-Dichloroethane
 Concen: 24.431 ug/L
 RT: 6.208 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

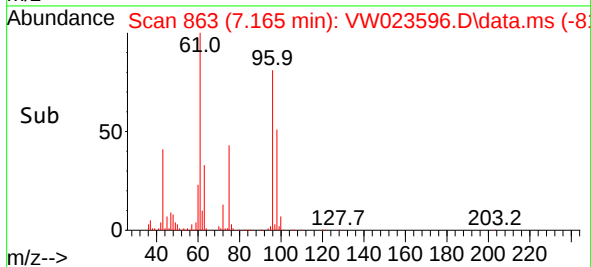
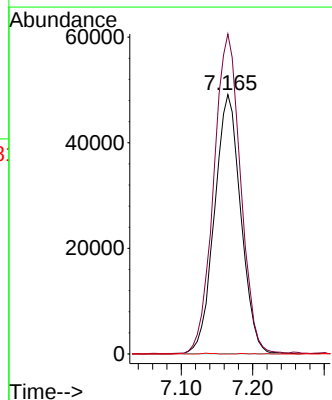
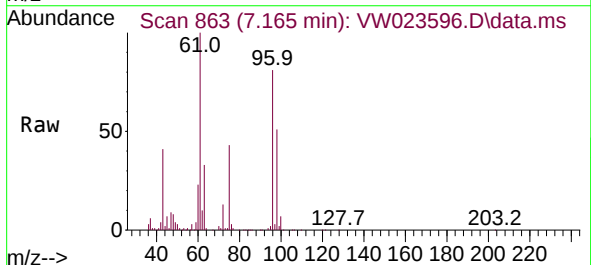
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

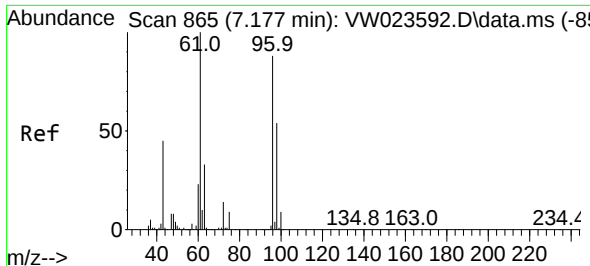
Tgt Ion: 63 Resp: 206894
 Ion Ratio Lower Upper
 63 100
 65 30.9 22.3 41.3
 83 13.7 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 23.708 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW023596.D
 Acq: 11 Jul 2022 15:59

Tgt Ion: 96 Resp: 125358
 Ion Ratio Lower Upper
 96 100
 61 123.4 83.2 154.6
 68 0.0 0.0 0.0

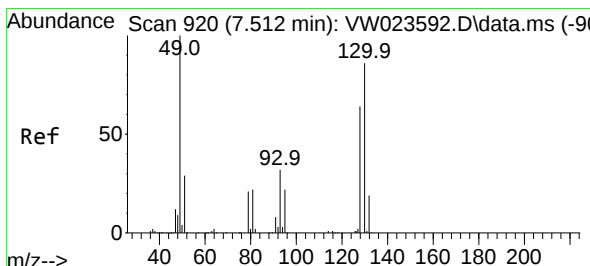
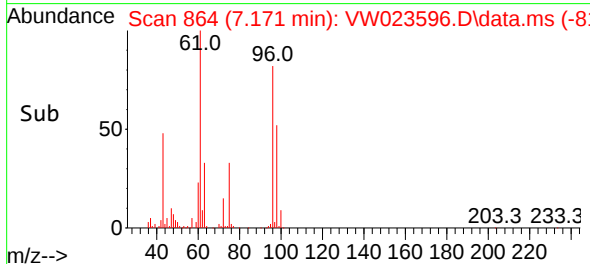
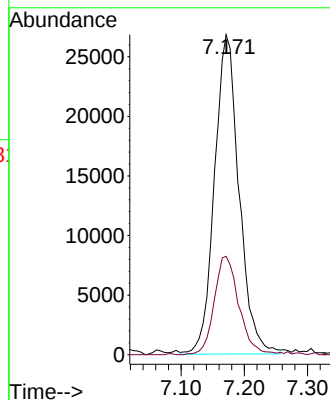
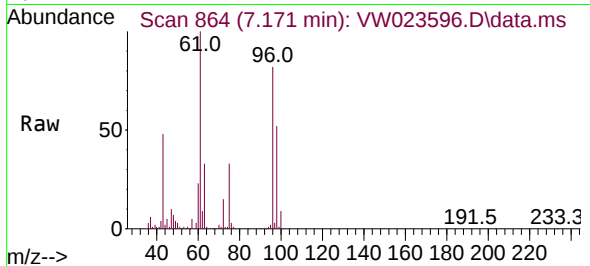




#22
2-Butanone
Concen: 43.078 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

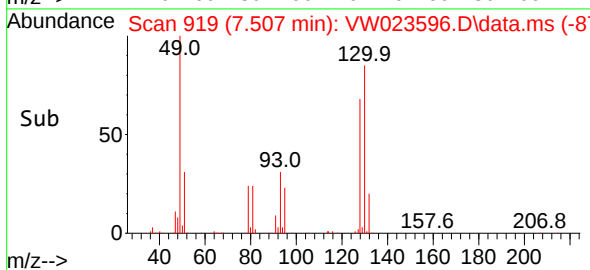
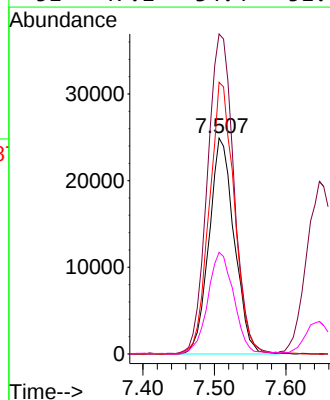
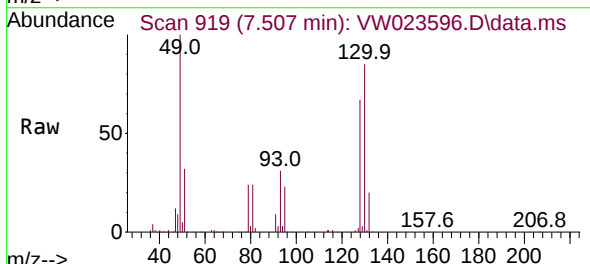
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

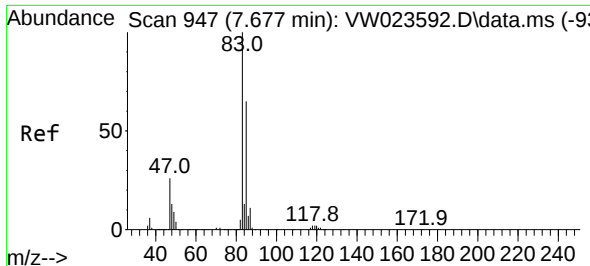
Tgt Ion: 43 Resp: 72226
Ion Ratio Lower Upper
43 100
72 31.0 15.4 46.1



#23
Bromochloromethane
Concen: 23.137 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 128 Resp: 60875
Ion Ratio Lower Upper
128 100
49 148.3 105.8 196.6
130 125.9 87.6 162.8
51 47.1 34.4 51.6

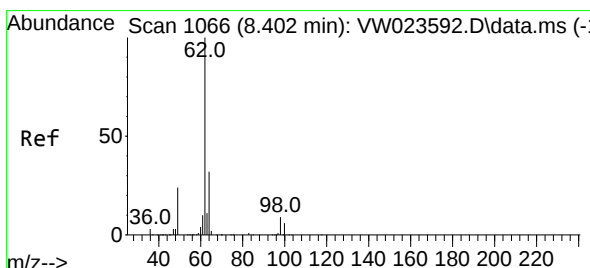
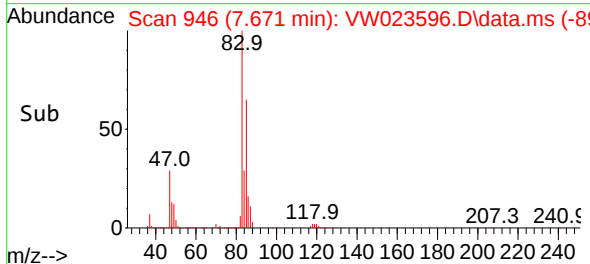
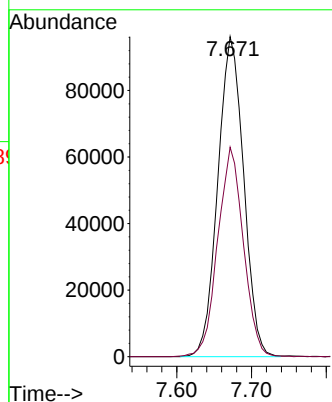
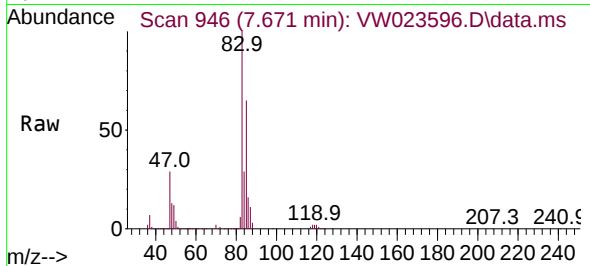




#25
Chloroform
Concen: 24.055 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

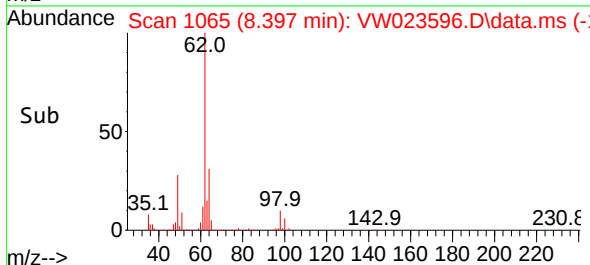
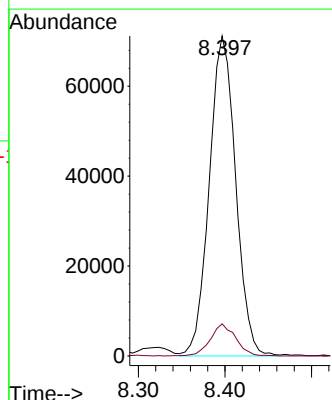
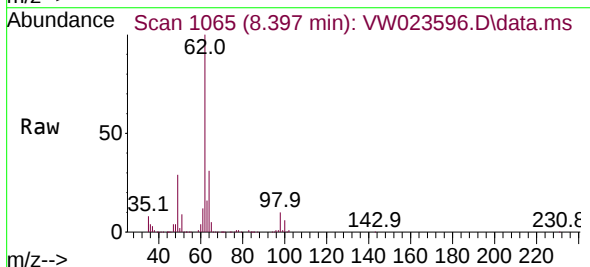
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

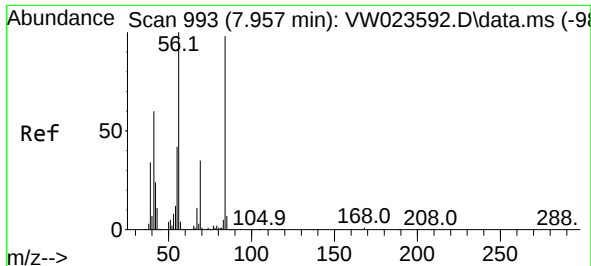
Tgt Ion: 83 Resp: 231383
Ion Ratio Lower Upper
83 100
85 65.5 47.0 87.4



#27
1,2-Dichloroethane
Concen: 23.194 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 62 Resp: 150987
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0





#29

Cyclohexane

Concen: 25.622 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

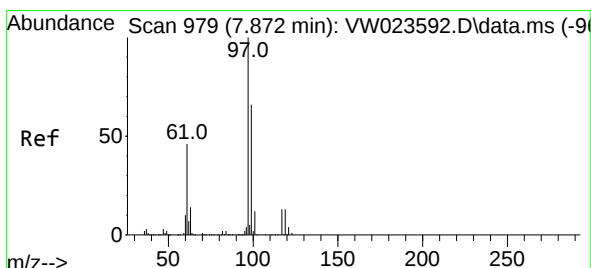
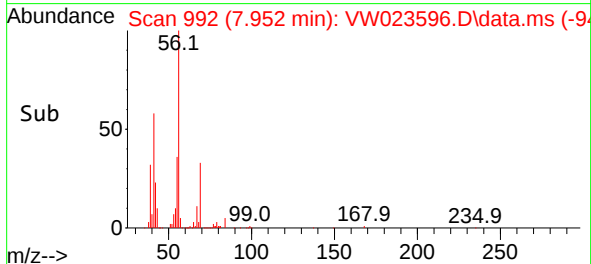
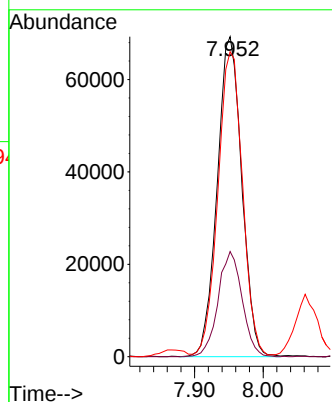
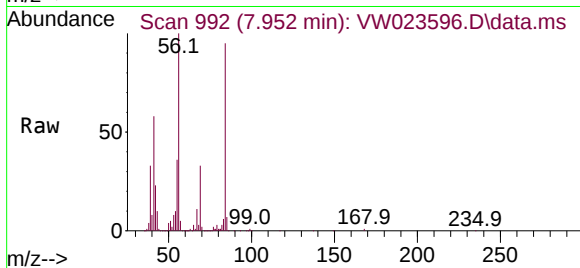
Tgt Ion: 56 Resp: 172339

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 95.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 25.086 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

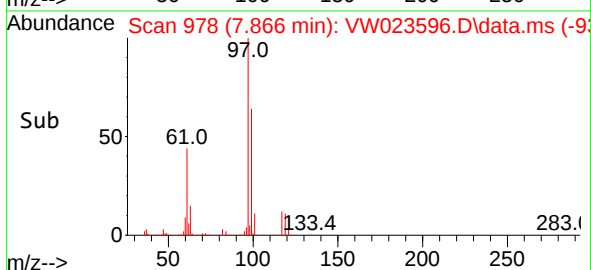
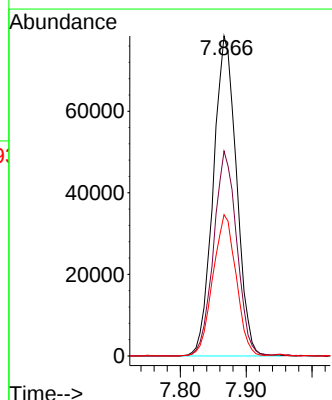
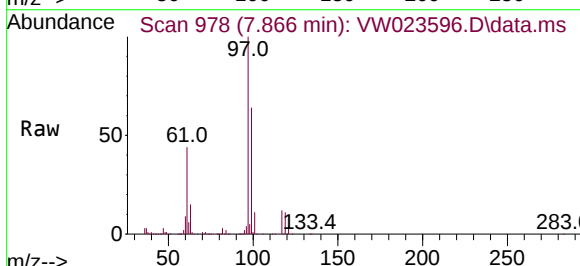
Tgt Ion: 97 Resp: 192844

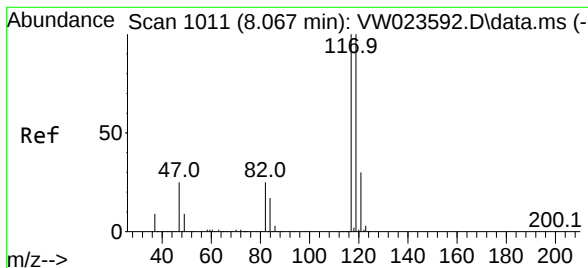
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 44.2 35.8 53.8





#31

Carbon tetrachloride

Concen: 24.477 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

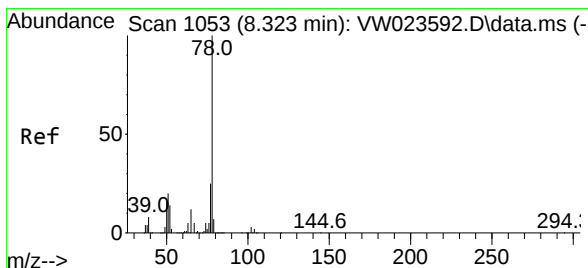
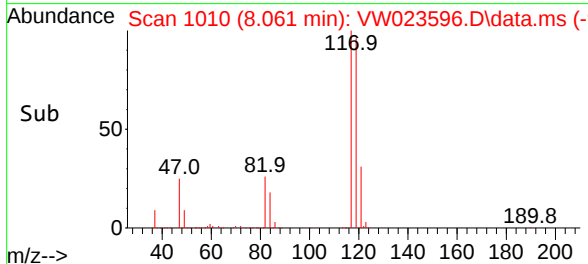
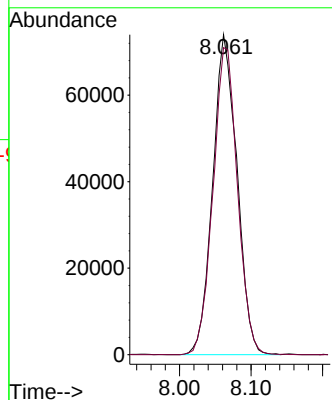
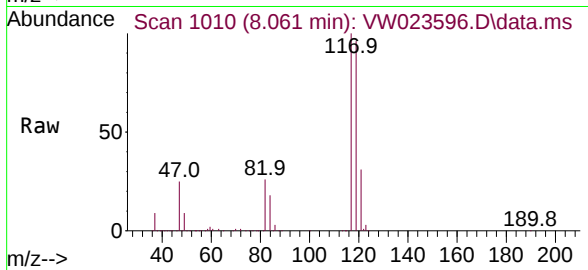
VSTD025595

Tgt Ion:117 Resp: 174313

Ion Ratio Lower Upper

117 100

119 96.9 76.7 115.1



#33

Benzene

Concen: 24.061 ug/L

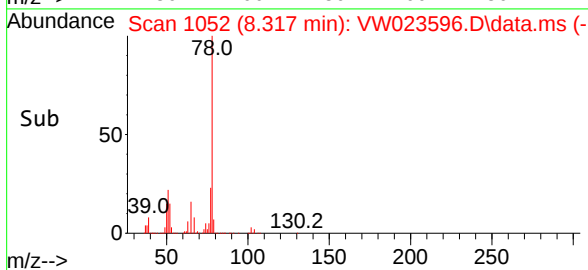
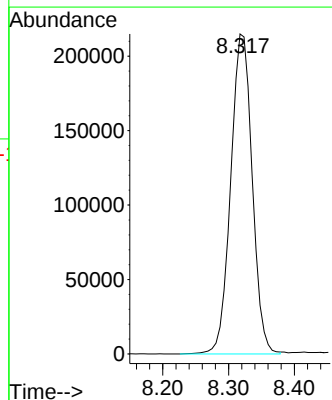
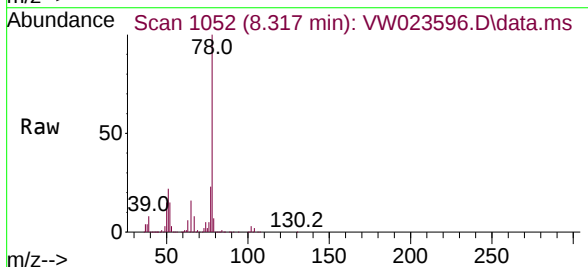
RT: 8.317 min Scan# 1052

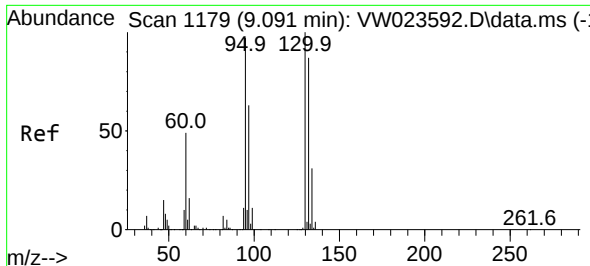
Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Tgt Ion: 78 Resp: 488497





#34

Trichloroethene

Concen: 24.479 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

Tgt Ion: 95 Resp: 129532

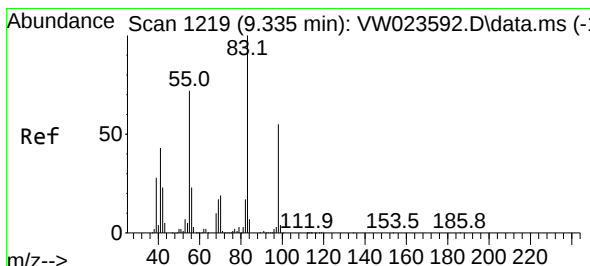
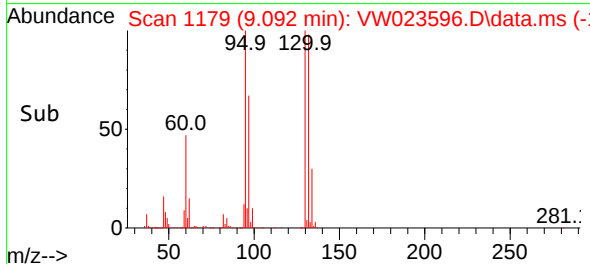
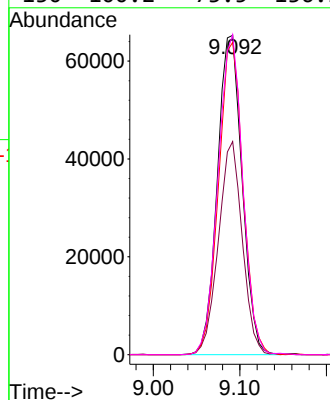
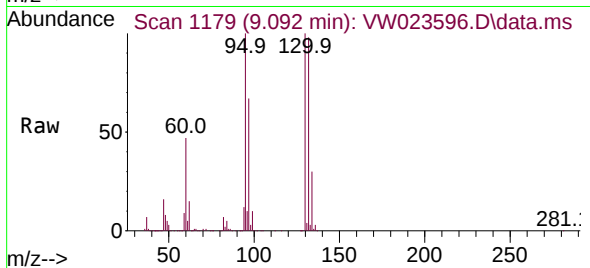
Ion Ratio Lower Upper

95 100

97 66.7 47.5 88.1

132 97.8 68.9 127.9

130 100.2 73.5 136.5



#35

Methylcyclohexane

Concen: 25.559 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

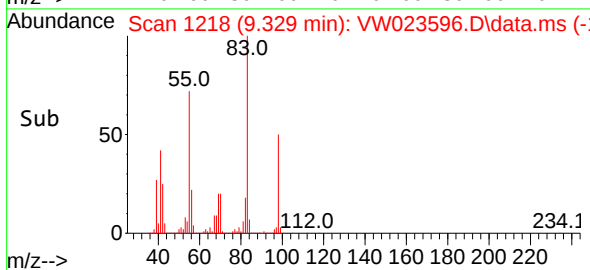
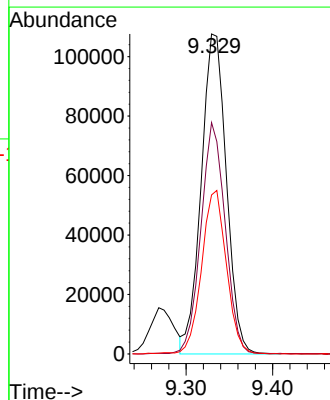
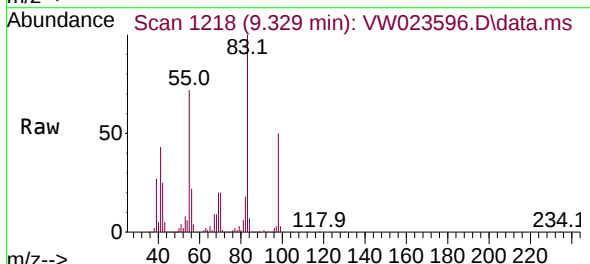
Tgt Ion: 83 Resp: 217580

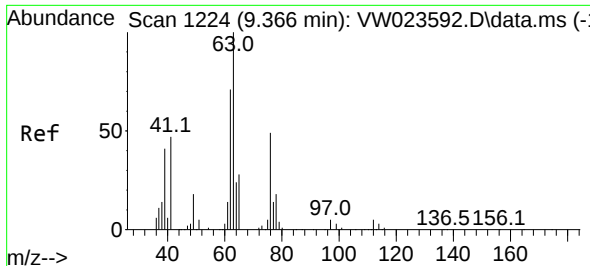
Ion Ratio Lower Upper

83 100

55 69.7 57.0 85.6

98 49.6 40.2 60.4





#37

1,2-Dichloropropane

Concen: 24.208 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

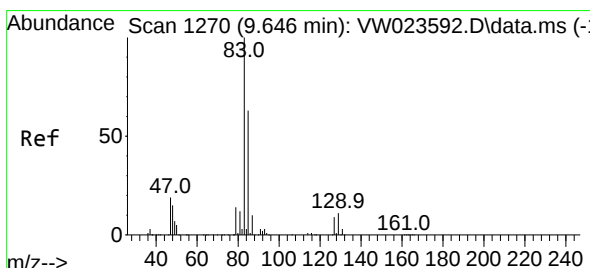
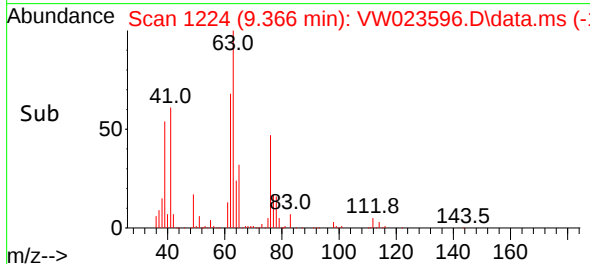
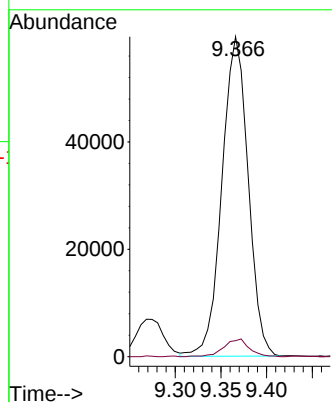
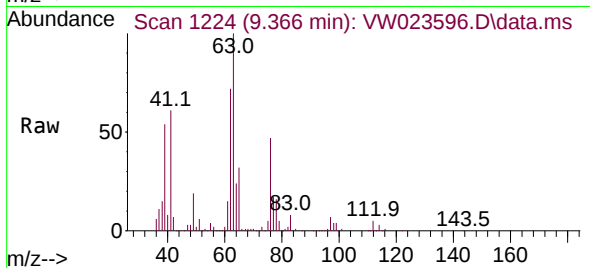
VSTD025595

Tgt Ion: 63 Resp: 118824

Ion Ratio Lower Upper

63 100

112 5.3 4.1 6.1



#38

Bromodichloromethane

Concen: 25.083 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

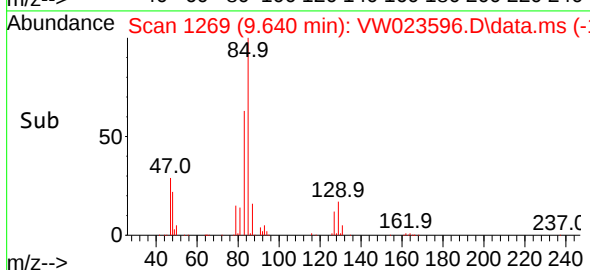
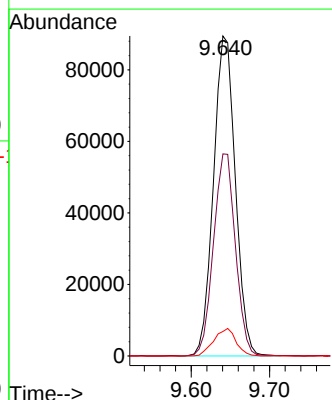
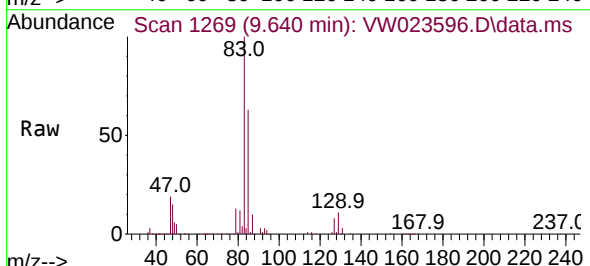
Tgt Ion: 83 Resp: 173829

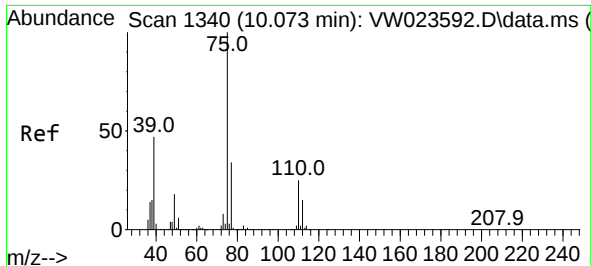
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 7.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 24.975 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

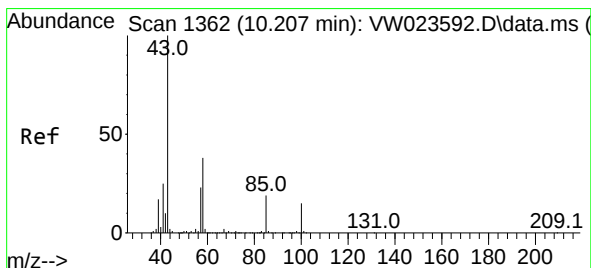
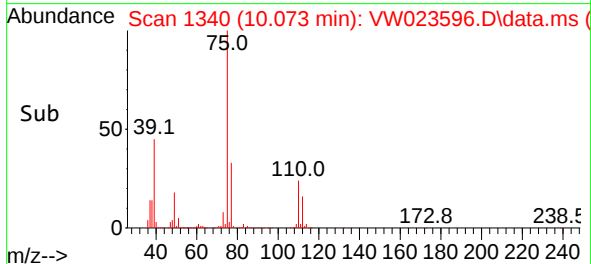
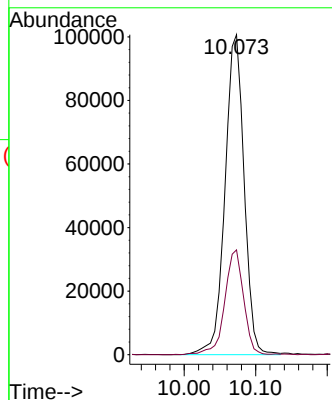
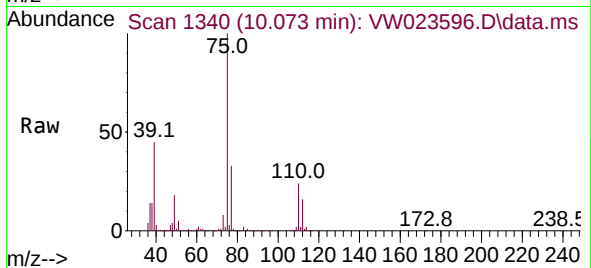
VSTD025595

Tgt Ion: 75 Resp: 186991

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 46.439 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

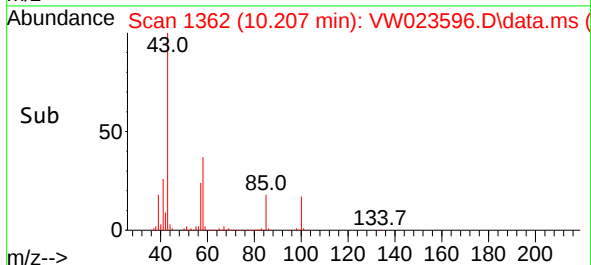
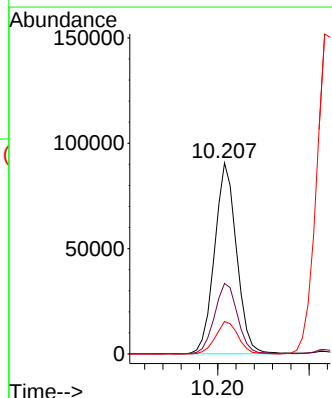
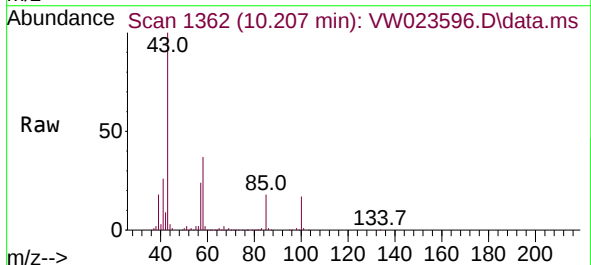
Tgt Ion: 43 Resp: 151751

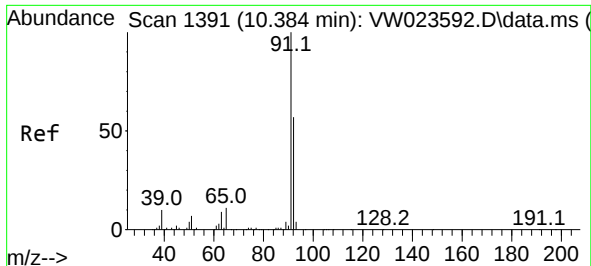
Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.8

100 17.5 14.0 21.0

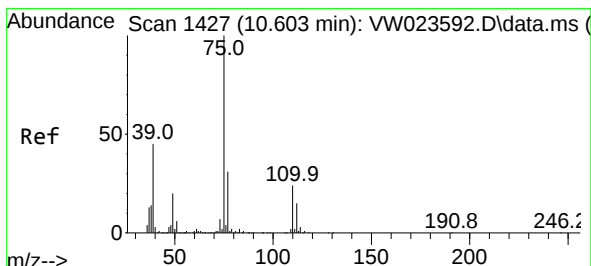
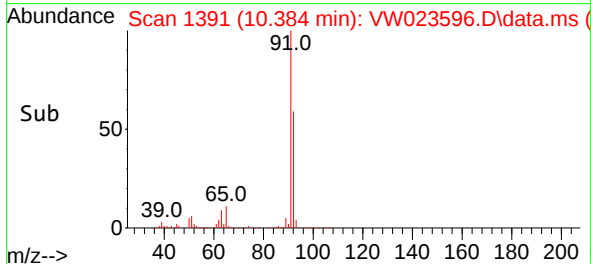
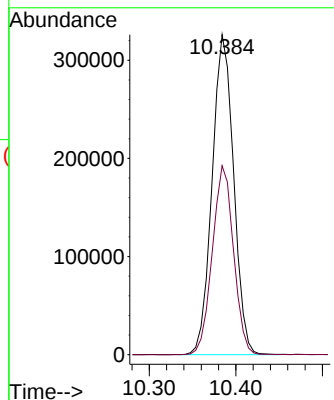
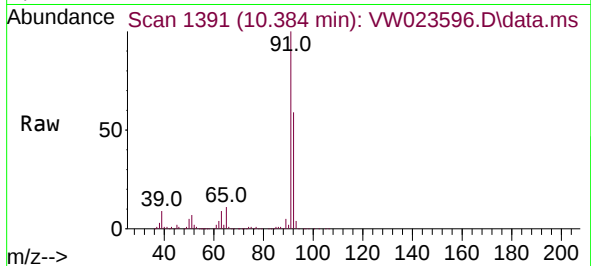




#42
Toluene
Concen: 25.402 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

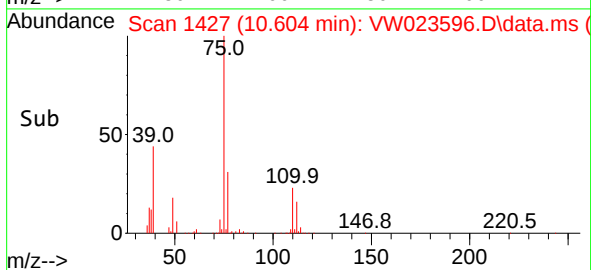
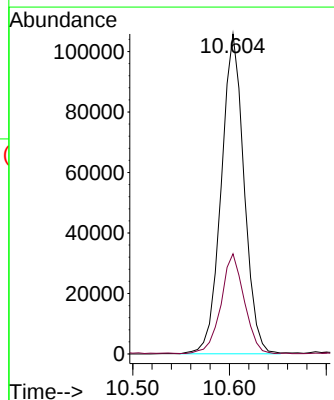
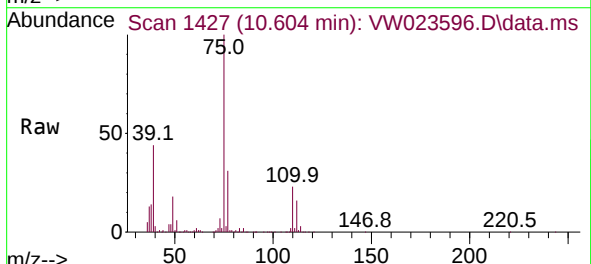
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

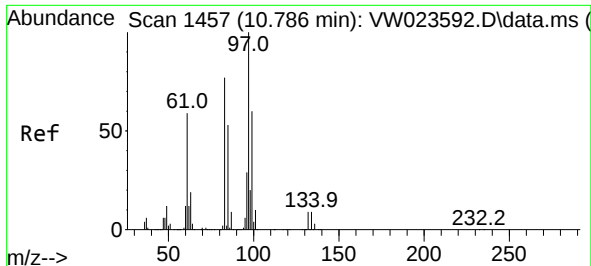
Tgt Ion: 91 Resp: 562695
Ion Ratio Lower Upper
91 100
92 59.1 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.049 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 75 Resp: 172922
Ion Ratio Lower Upper
75 100
77 31.3 22.9 42.5



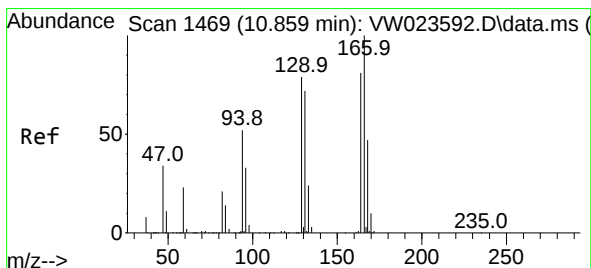
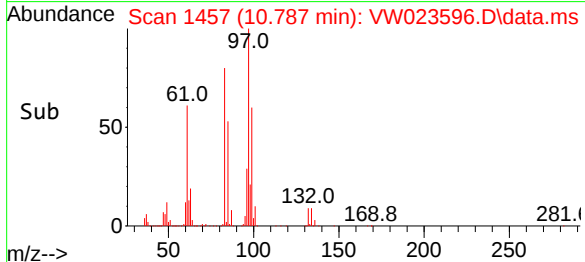
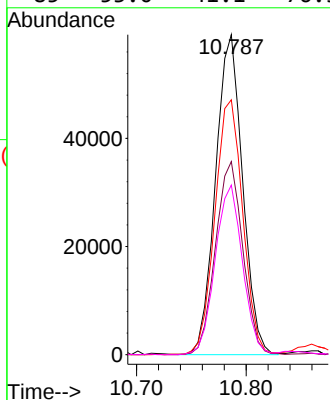
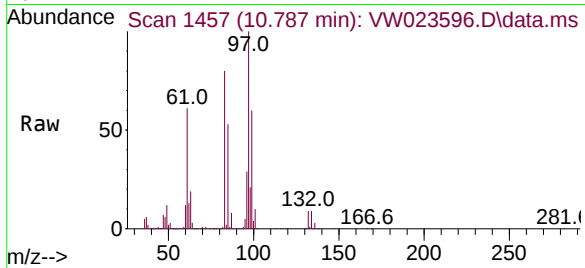


#45
1,1,2-Trichloroethane
Concen: 23.996 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Tgt Ion: 97 Resp: 101380

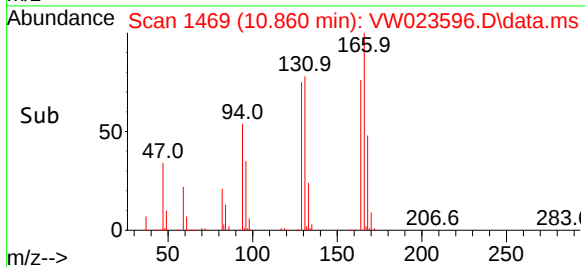
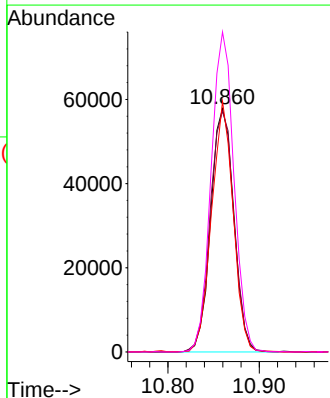
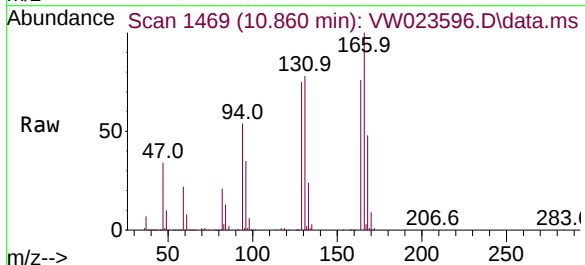
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.9	81.5
83	79.6	59.8	111.0
85	53.0	41.1	76.3

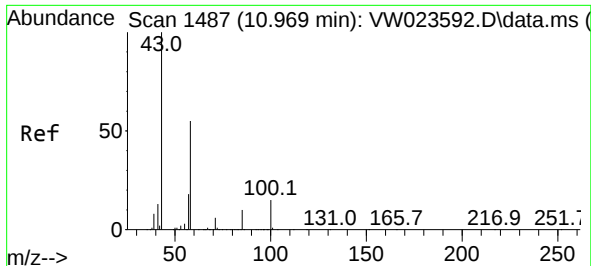


#46
Tetrachloroethene
Concen: 24.404 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 164 Resp: 101504

Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.3	132.3
131	103.0	67.0	124.4
166	131.5	90.2	167.6

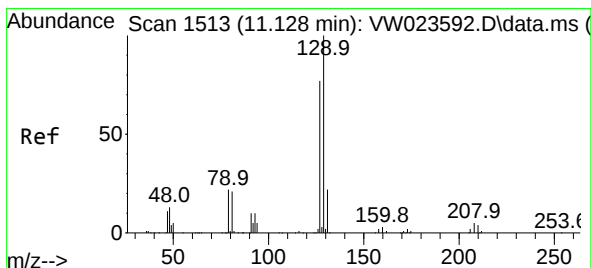
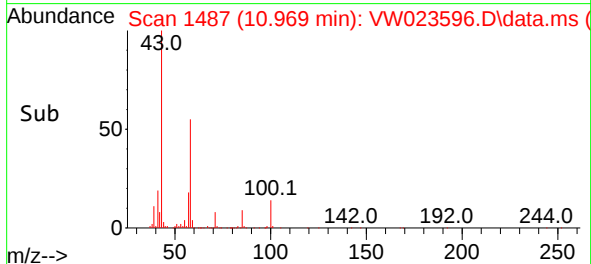
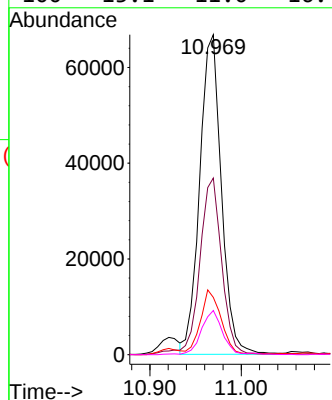
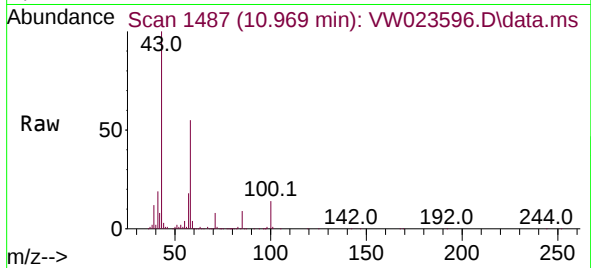




#48
2-Hexanone
Concen: 47.532 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

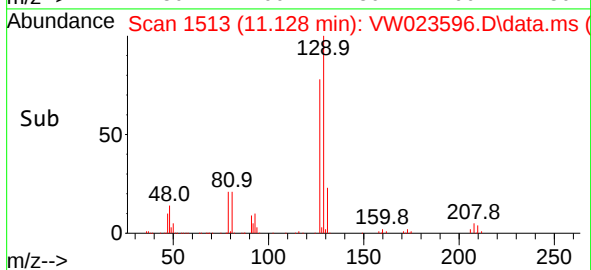
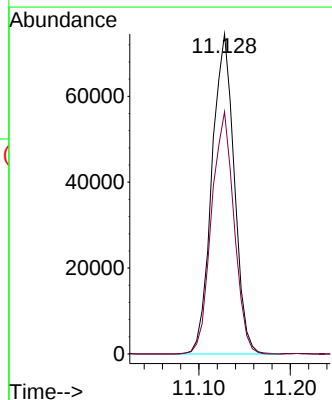
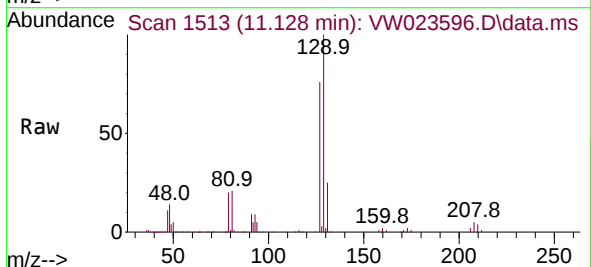
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

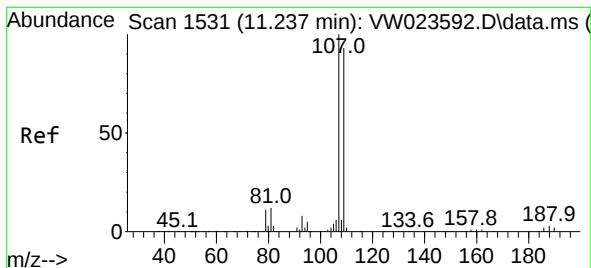
Tgt Ion:	43	Resp:	110042
Ion	Ratio	Lower	Upper
43	100		
58	56.1	43.7	65.5
57	19.3	15.7	23.5
100	13.1	11.0	16.4



#49
Dibromochloromethane
Concen: 25.113 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion:	129	Resp:	126312
Ion	Ratio	Lower	Upper
129	100		
127	75.6	52.7	97.9





#50

1,2-Dibromoethane

Concen: 23.261 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

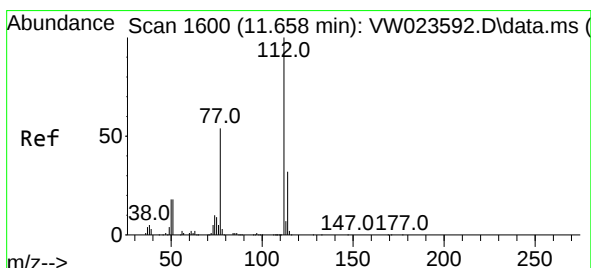
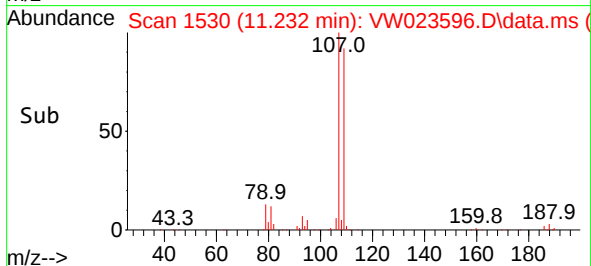
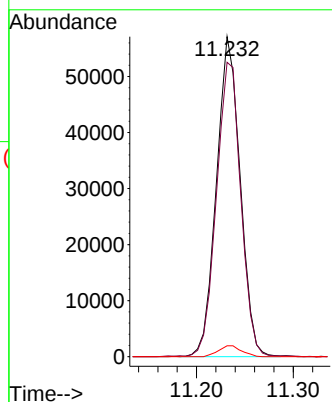
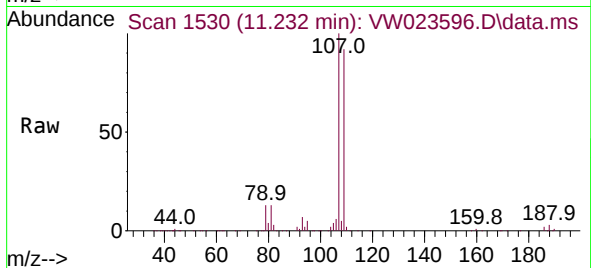
Tgt Ion:107 Resp: 97018

Ion Ratio Lower Upper

107 100

109 92.0 67.2 124.8

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 24.260 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

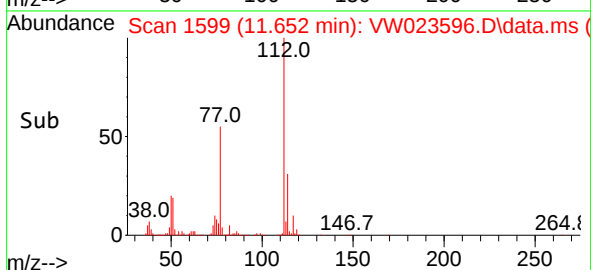
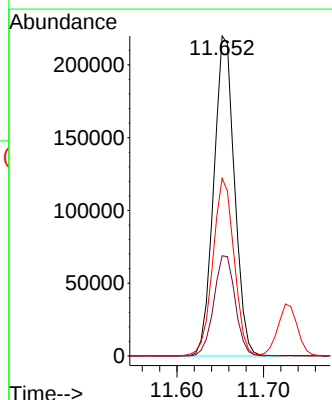
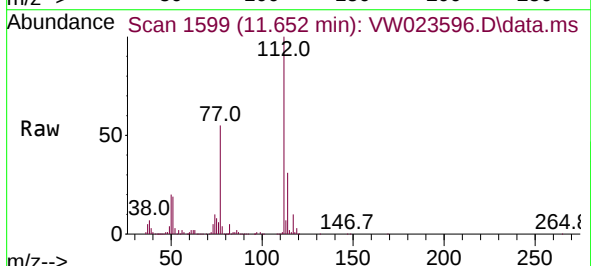
Tgt Ion:112 Resp: 365885

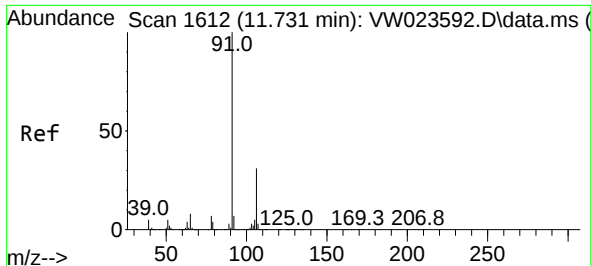
Ion Ratio Lower Upper

112 100

114 31.3 23.1 42.9

77 55.5 44.2 66.4

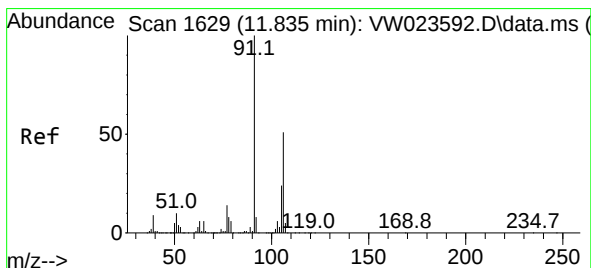
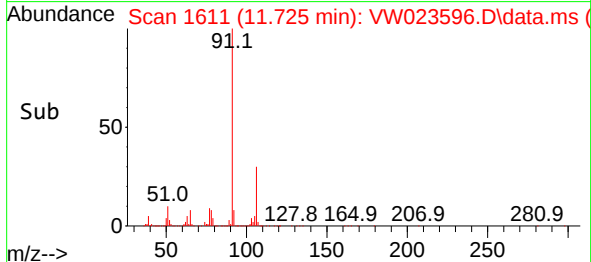
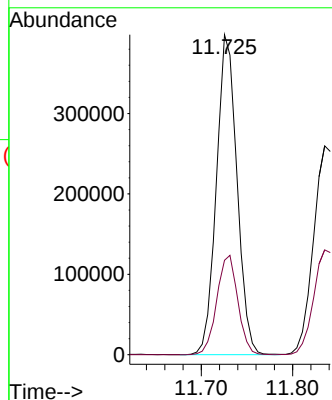
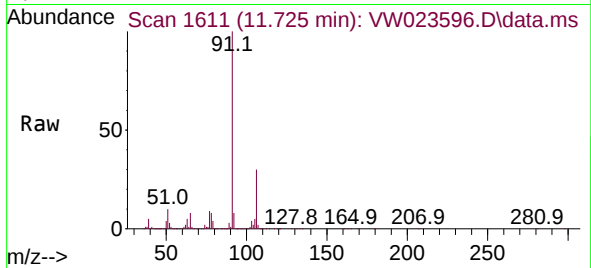




#52
Ethylbenzene
Concen: 24.953 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

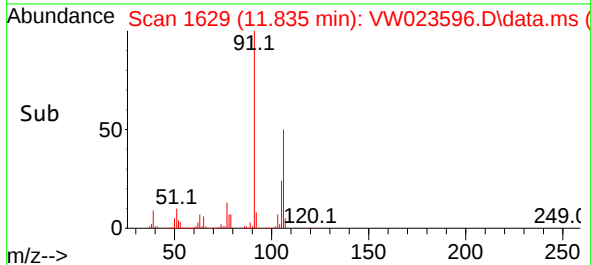
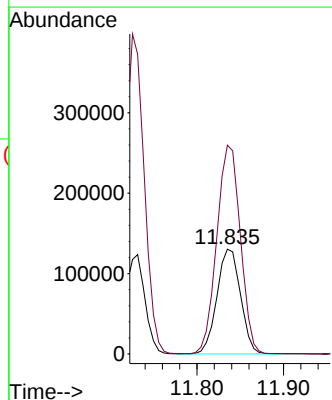
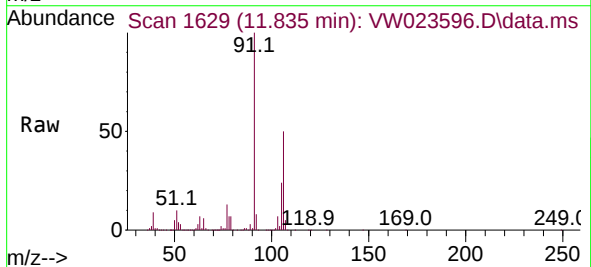
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

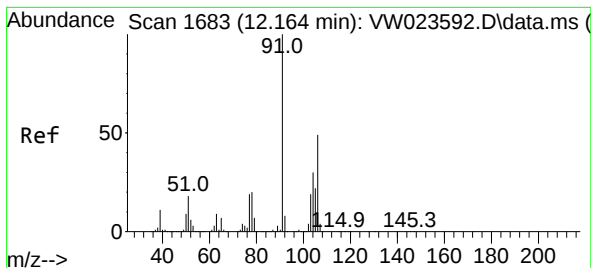
Tgt Ion: 91 Resp: 624092
Ion Ratio Lower Upper
91 100
106 29.5 21.4 39.8



#53
m,p-Xylene
Concen: 25.369 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion:106 Resp: 246151
Ion Ratio Lower Upper
106 100
91 199.3 140.8 261.6





#54

o-Xylene

Concen: 25.734 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

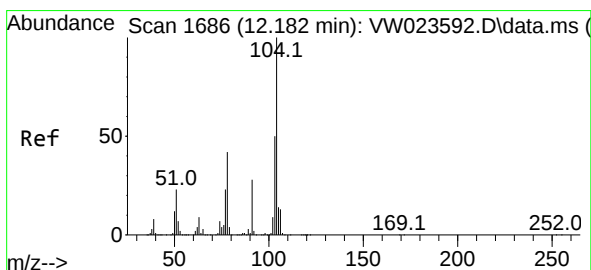
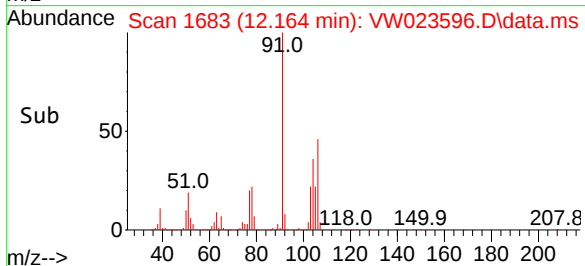
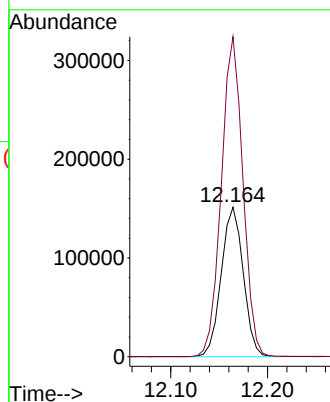
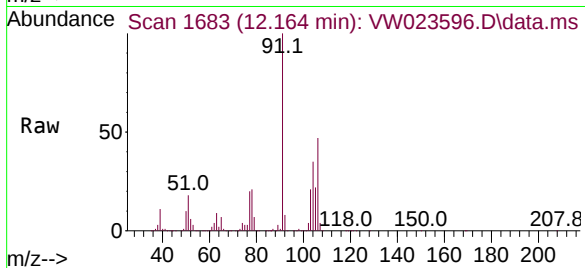
VSTD025595

Tgt Ion:106 Resp: 239116

Ion Ratio Lower Upper

106 100

91 214.0 149.3 277.3



#55

Styrene

Concen: 26.303 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023596.D

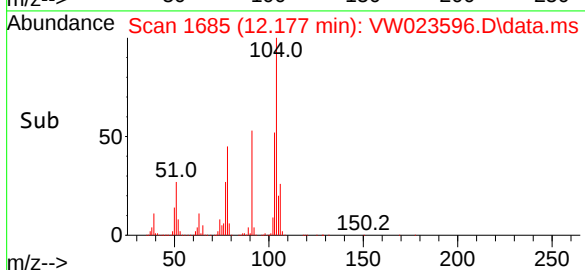
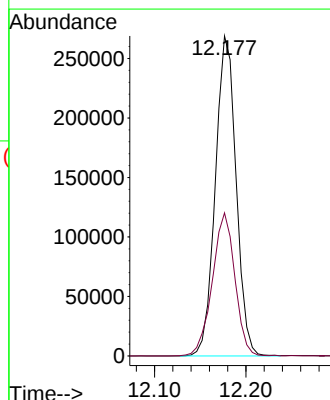
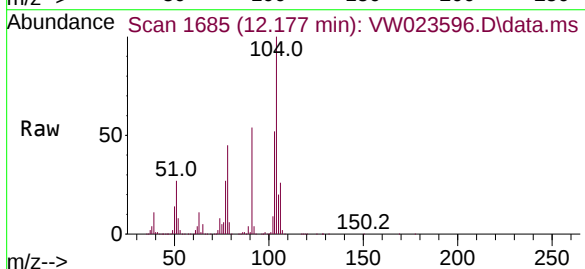
Acq: 11 Jul 2022 15:59

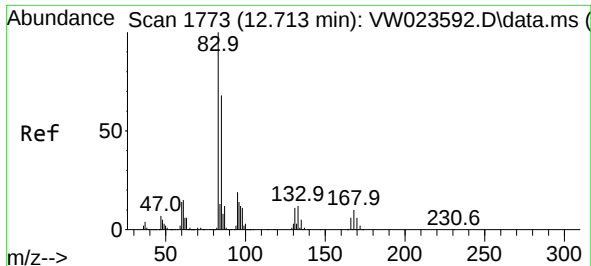
Tgt Ion:104 Resp: 425007

Ion Ratio Lower Upper

104 100

78 44.7 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 23.253 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

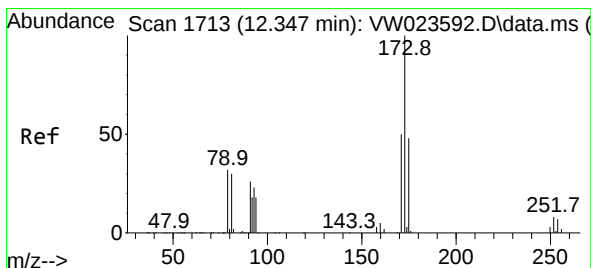
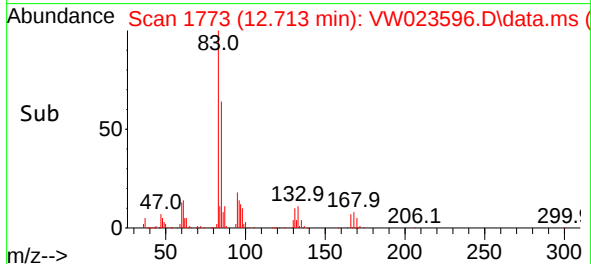
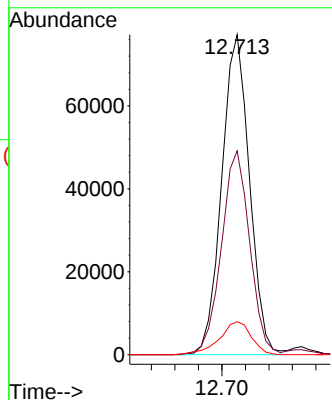
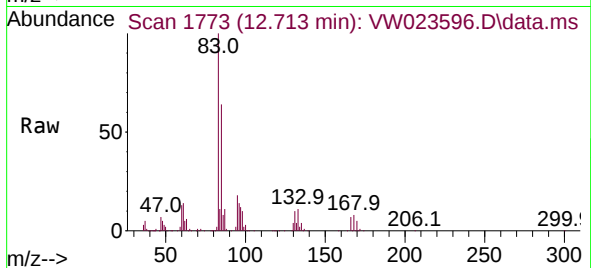
Tgt Ion: 83 Resp: 126407

Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.6

131 10.3 8.5 12.7



#59

Bromoform

Concen: 23.933 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

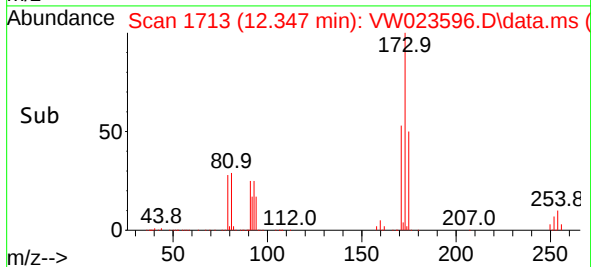
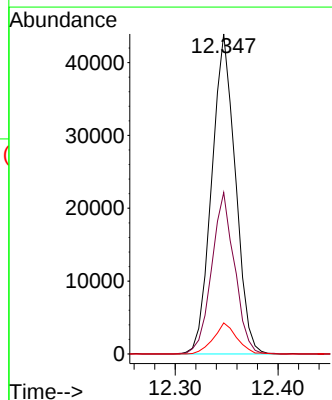
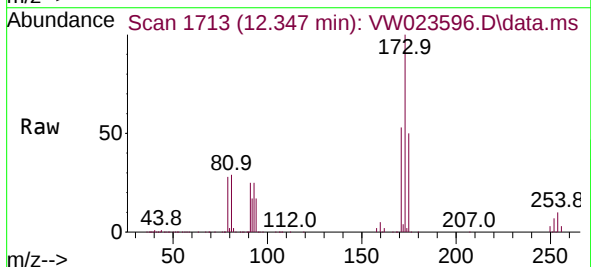
Tgt Ion:173 Resp: 70076

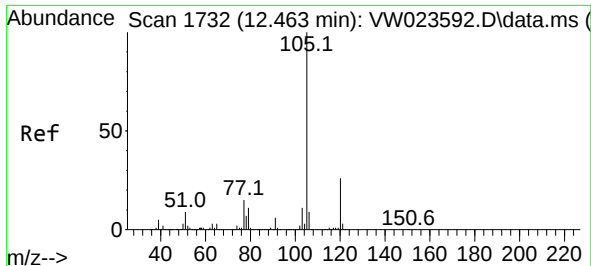
Ion Ratio Lower Upper

173 100

175 48.9 37.9 56.9

254 9.6 7.0 10.4

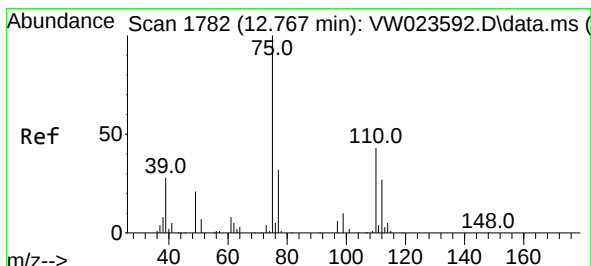
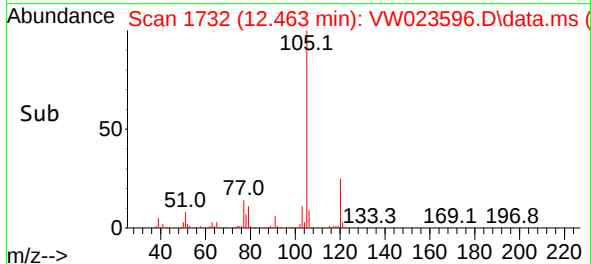
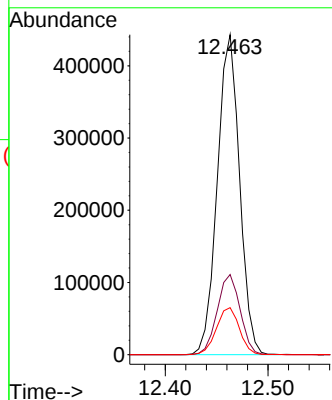
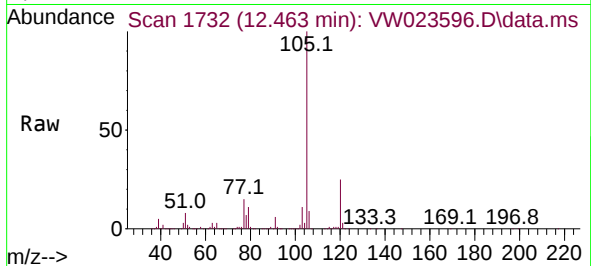




#60
Isopropylbenzene
Concen: 26.302 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

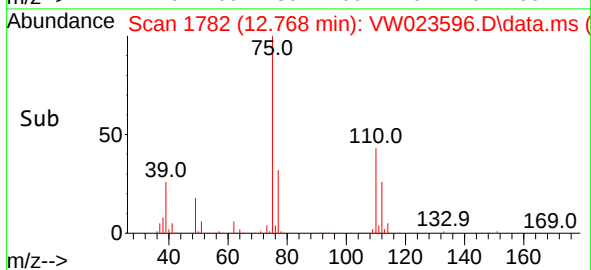
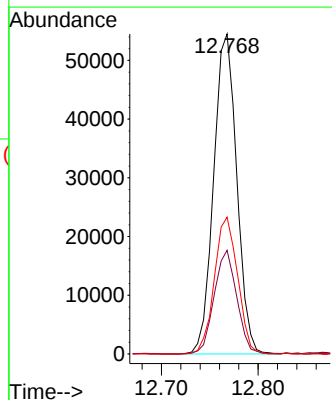
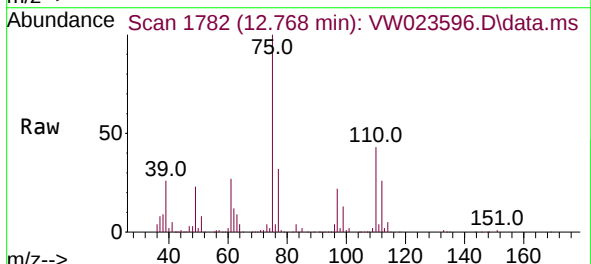
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

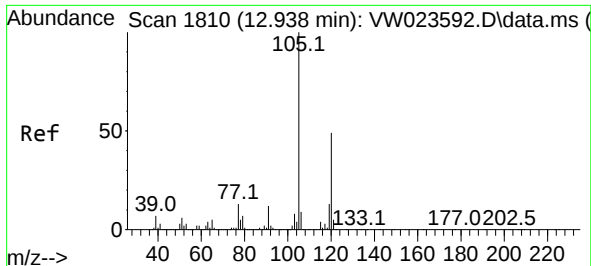
Tgt Ion:105 Resp: 665343
Ion Ratio Lower Upper
105 100
120 25.8 21.3 31.9
77 15.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 22.718 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion: 75 Resp: 90398
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 43.1 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 26.168 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

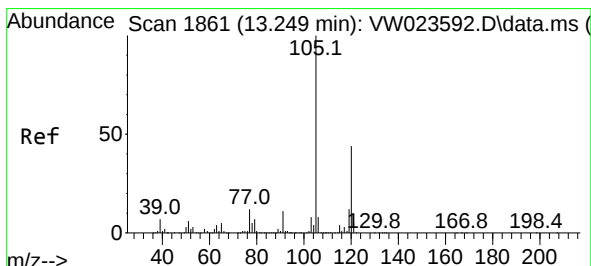
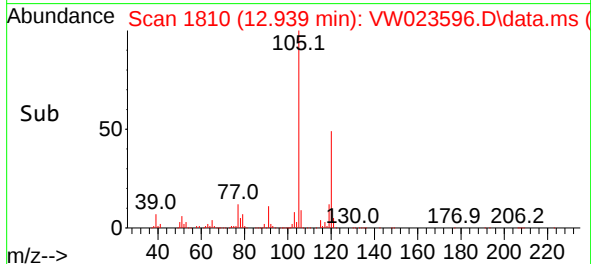
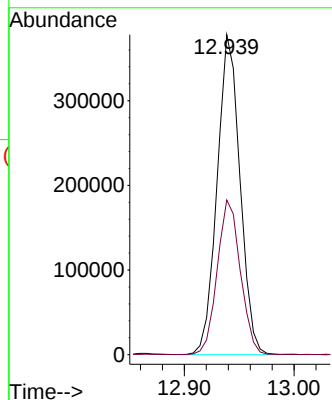
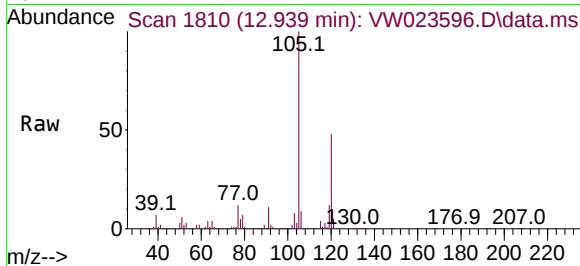
VSTD025595

Tgt Ion:105 Resp: 548966

Ion Ratio Lower Upper

105 100

120 48.9 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 26.068 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023596.D

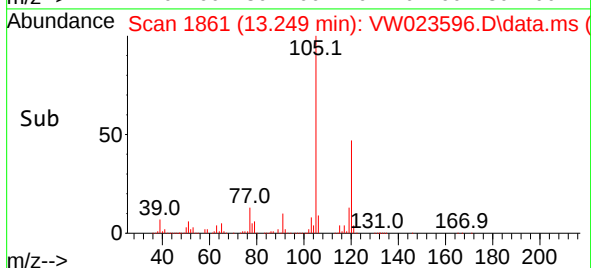
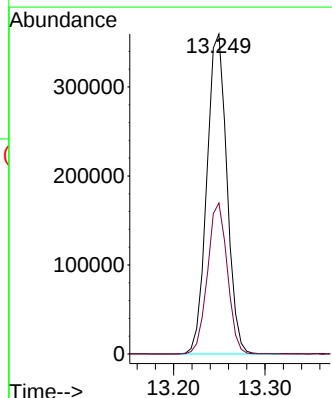
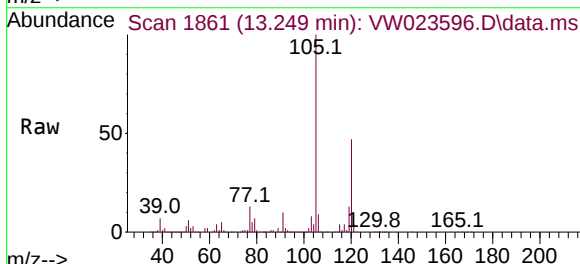
Acq: 11 Jul 2022 15:59

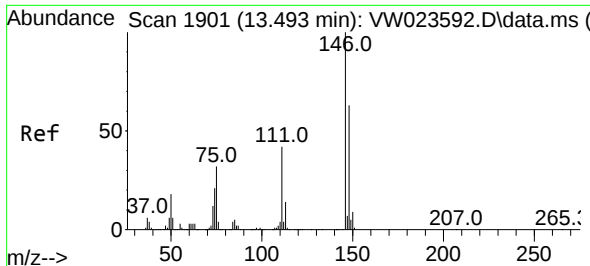
Tgt Ion:105 Resp: 547036

Ion Ratio Lower Upper

105 100

120 46.6 36.9 55.3

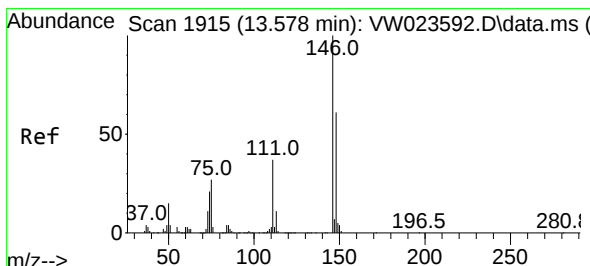
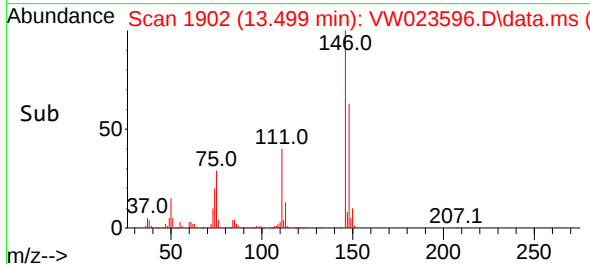
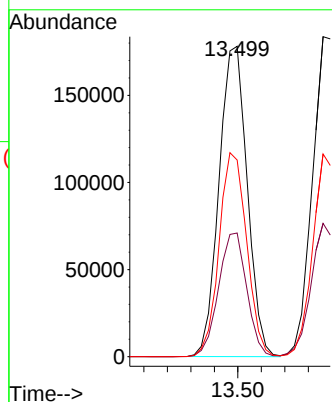
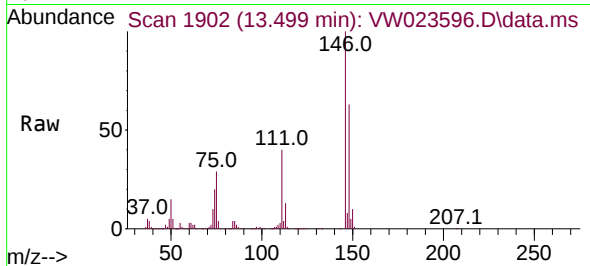




#64
1,3-Dichlorobenzene
Concen: 24.832 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

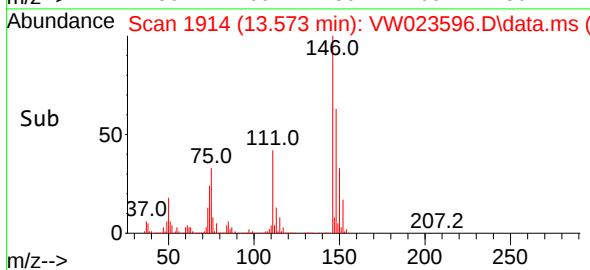
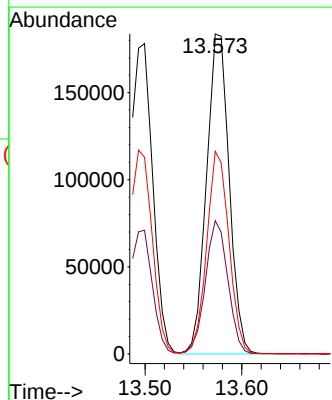
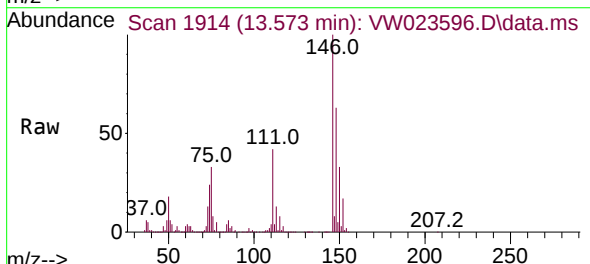
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

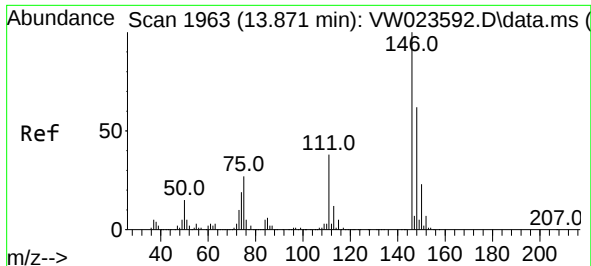
Tgt Ion:146 Resp: 297146
Ion Ratio Lower Upper
146 100
111 39.8 26.7 49.7
148 63.3 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 24.761 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion:146 Resp: 300514
Ion Ratio Lower Upper
146 100
111 41.6 28.2 52.4
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.382 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025595

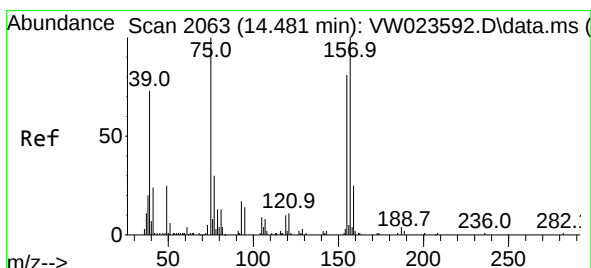
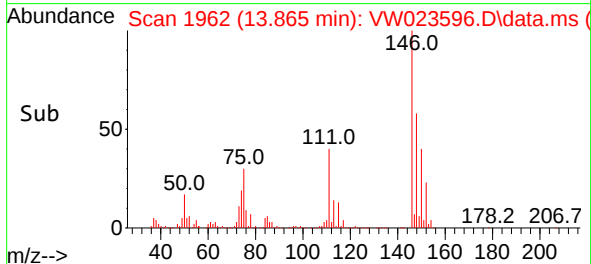
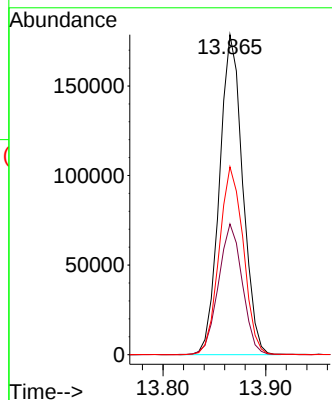
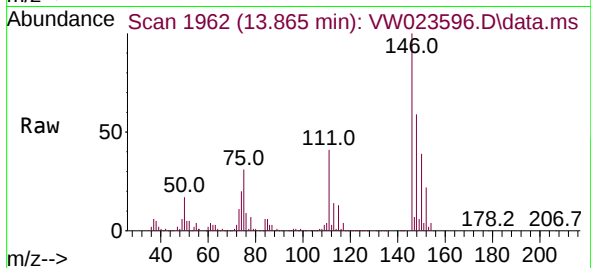
Tgt Ion:146 Resp: 280085

Ion Ratio Lower Upper

146 100

111 40.8 30.6 45.8

148 58.7 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 21.581 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023596.D

Acq: 11 Jul 2022 15:59

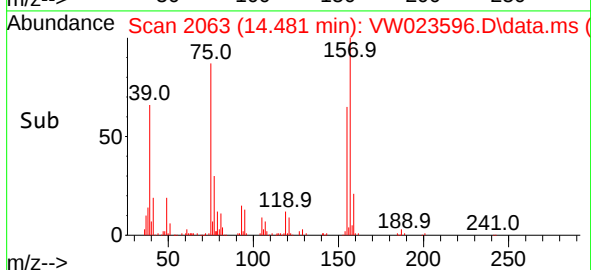
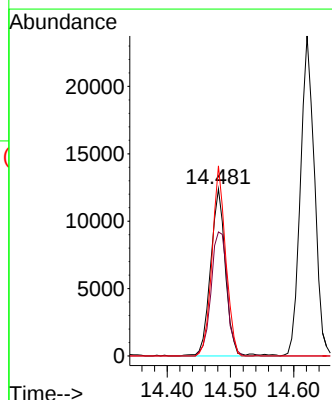
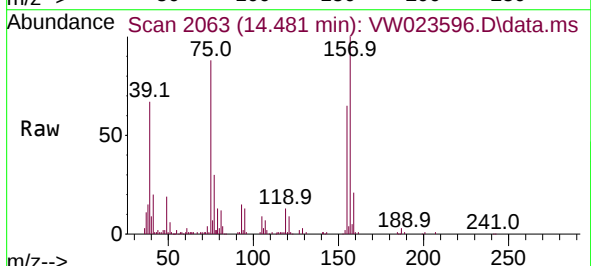
Tgt Ion: 75 Resp: 20237

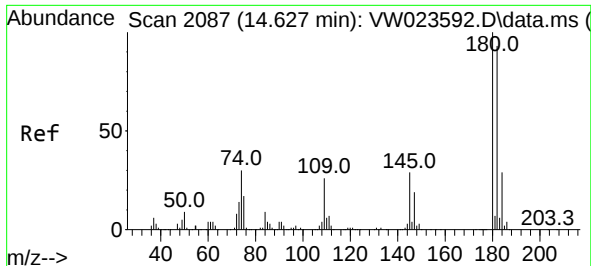
Ion Ratio Lower Upper

75 100

155 74.3 63.8 95.6

157 113.8 85.0 127.4

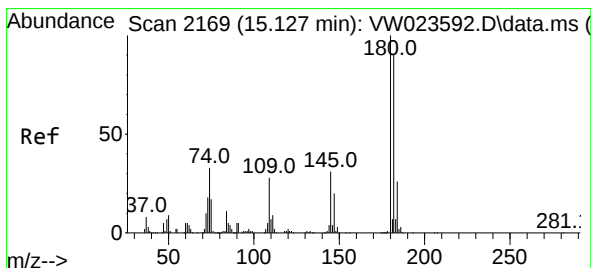
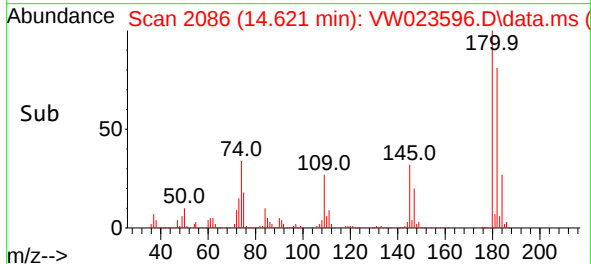
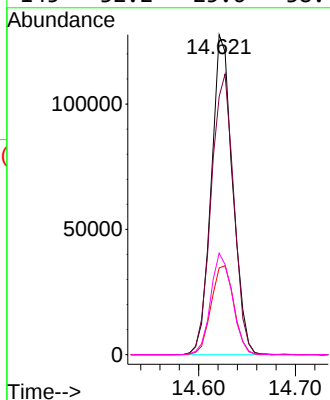
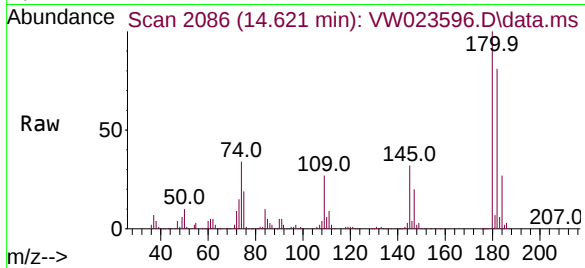




#69
1,3,5-Trichlorobenzene
Concen: 25.212 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

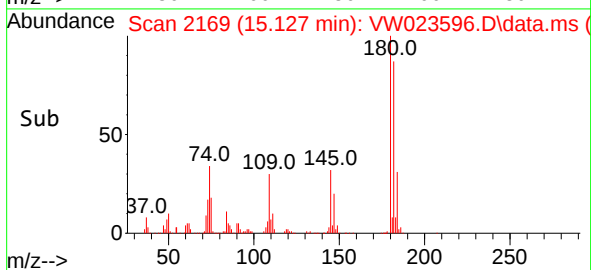
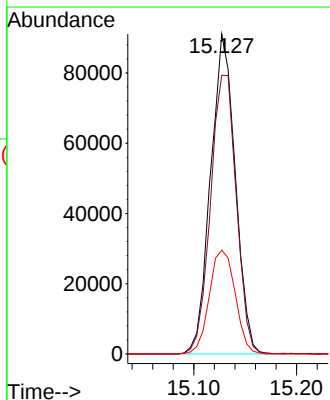
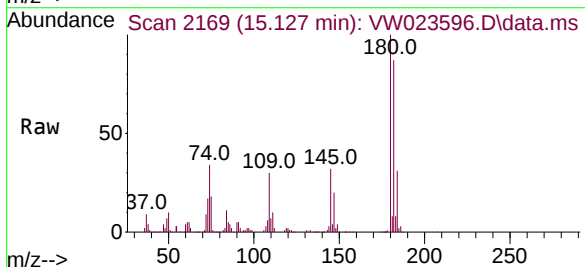
Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

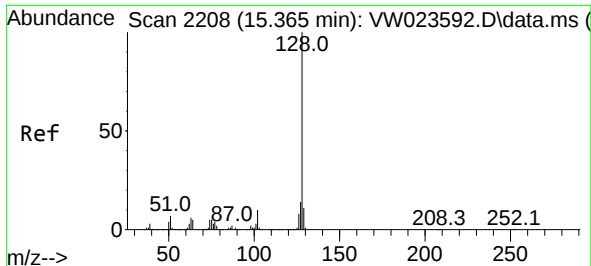
Tgt Ion:180 Resp: 195757
Ion Ratio Lower Upper
180 100
182 92.8 75.5 113.3
184 29.6 24.6 36.8
145 32.2 25.6 38.4



#70
1,2,4-trichlorobenzene
Concen: 24.188 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion:180 Resp: 151747
Ion Ratio Lower Upper
180 100
182 91.2 77.0 115.4
145 34.0 26.1 39.1

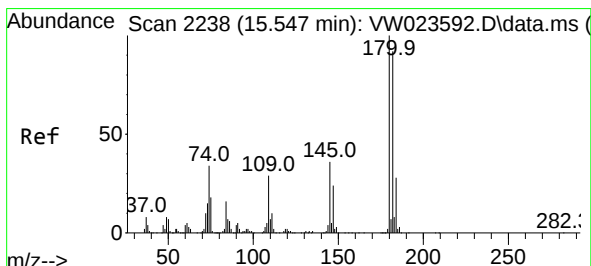
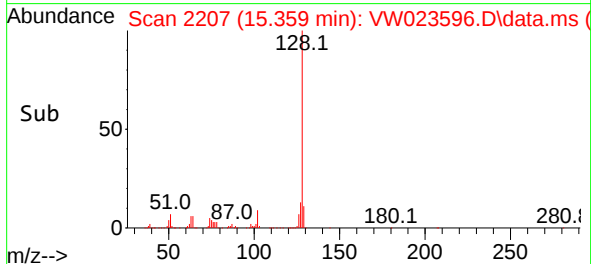
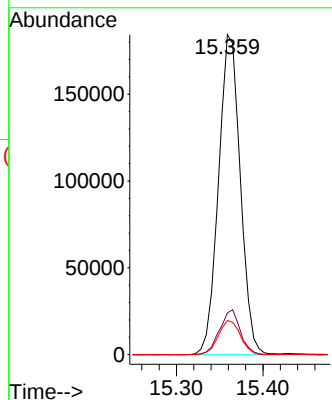
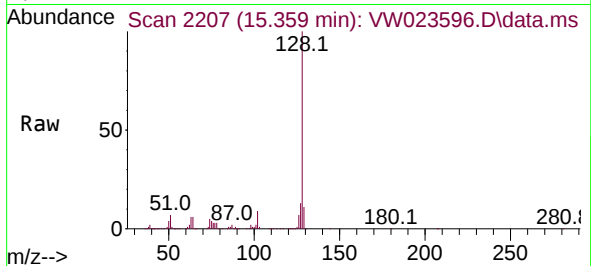




#71
Naphthalene
Concen: 23.820 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Tgt Ion:128 Resp: 322572
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.583 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW023596.D
Acq: 11 Jul 2022 15:59

Tgt Ion:180 Resp: 142956
Ion Ratio Lower Upper
180 100
182 89.9 75.6 113.4
145 34.1 28.2 42.2

