

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022190.D
 Acq On : 07 Mar 2022 10:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Mar 08 00:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 05 03:21:21 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	131705	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	127678	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	71829	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	45771	26.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.560%		
7) Chloroethane-d5		2.885	69	32002	23.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 94.720%		
11) 1,1-Dichloroethene-d2		4.026	63	70354	26.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.960%		
21) 2-Butanone-d5		7.080	46	18864	65.312	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.620%		
24) Chloroform-d		7.647	84	83024	28.254	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.000%		
26) 1,2-Dichloroethane-d4		8.305	65	43683	28.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.400%		
32) Benzene-d6		8.275	84	163026	27.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.760%		
36) 1,2-Dichloropropane-d6		9.275	67	43806	26.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.200%		
41) Toluene-d8		10.323	98	160503	27.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.680%		
43) trans-1,3-Dichloroprop...		10.573	79	20157	27.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.200%		
47) 2-Hexanone-d5		10.921	63	16224	59.777	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.560%		
56) 1,1,2,2-Tetrachloroeth...		12.689	84	43857	30.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 121.120%#		
66) 1,2-Dichlorobenzene-d4		13.847	152	61511	26.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.640%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.014	85	8565	23.269	ug/L	92
3) Chloromethane		2.221	50	28606	22.680	ug/L	99
5) Vinyl chloride		2.361	62	44611	23.540	ug/L	96
6) Bromomethane		2.782	94	26943	20.356	ug/L	97
8) Chloroethane		2.922	64	24507	23.020	ug/L	99
9) Trichlorofluoromethane		3.263	101	34668	26.944	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...		4.068	101	42676	27.186	ug/L	97
12) 1,1-Dichloroethene		4.038	96	35340	25.976	ug/L	94
13) Acetone		4.123	43	13820	58.584	ug/L	81
14) Carbon disulfide		4.379	76	74423	21.099	ug/L	97
15) Methyl Acetate		4.672	43	15798	29.747	ug/L	97
16) Methylene chloride		4.916	84	38231	23.649	ug/L	95
17) trans-1,2-Dichloroethene		5.422	96	38330	25.650	ug/L	96
18) Methyl tert-butyl Ether		5.422	73	60650	29.832	ug/L #	89
19) 1,1-Dichloroethane		6.220	63	67204	27.779	ug/L	99
20) cis-1,2-Dichloroethene		7.171	96	43466	26.851	ug/L	99
22) 2-Butanone		7.165	43	21927	64.706	ug/L	98
23) Bromochloromethane		7.513	128	21984	27.801	ug/L	93
25) Chloroform		7.677	83	79772	28.261	ug/L	100

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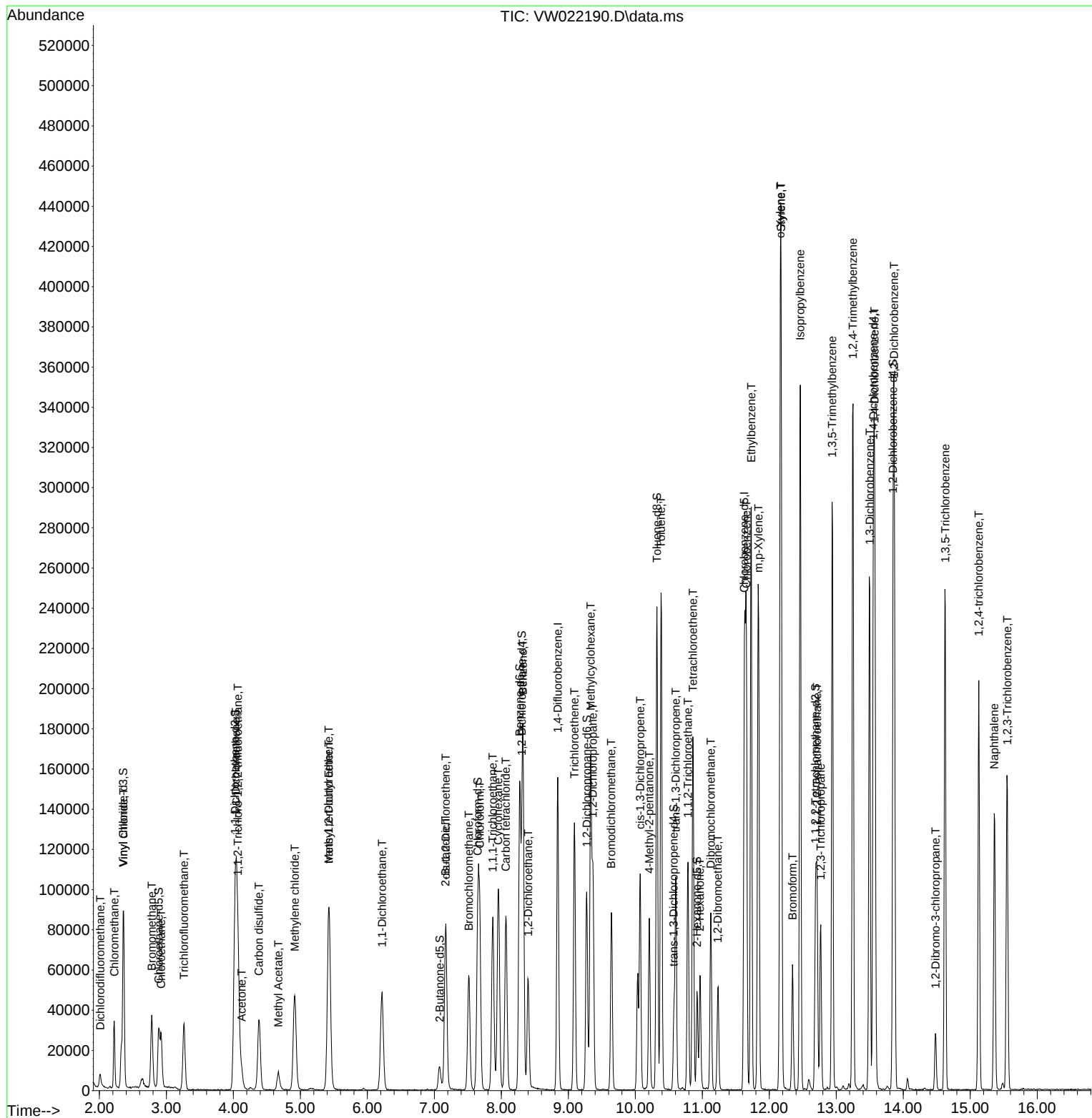
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	49416	28.423	ug/L	100
29) Cyclohexane	7.952	56	51680	24.322	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	68346	26.607	ug/L	98
31) Carbon tetrachloride	8.067	117	64863	26.569	ug/L	98
33) Benzene	8.324	78	159931	25.908	ug/L	100
34) Trichloroethene	9.092	95	45359	25.663	ug/L	98
35) Methylcyclohexane	9.336	83	68472	25.046	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38717	26.885	ug/L	98
38) Bromodichloromethane	9.640	83	56910	27.557	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	61263	27.986	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	49277	63.362	ug/L	99
42) Toluene	10.384	91	185021	26.483	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	55148	28.035	ug/L	94
45) 1,1,2-Trichloroethane	10.787	97	35548	27.837	ug/L	97
46) Tetrachloroethene	10.860	164	38824	25.075	ug/L	89
48) 2-Hexanone	10.963	43	34606	64.113	ug/L	97
49) Dibromochloromethane	11.128	129	43667	28.151	ug/L	91
50) 1,2-Dibromoethane	11.232	107	34079	27.668	ug/L #	98
51) Chlorobenzene	11.658	112	130993	26.941	ug/L	98
52) Ethylbenzene	11.731	91	210183	27.183	ug/L	99
53) m,p-Xylene	11.841	106	85149	26.763	ug/L	91
54) o-Xylene	12.164	106	82186	27.453	ug/L	96
55) Styrene	12.176	104	141951	28.285	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	44850	30.270	ug/L	96
59) Bromoform	12.347	173	26665	28.072	ug/L	99
60) Isopropylbenzene	12.463	105	226266	26.241	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31631	27.901	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	158559	27.654	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	192485	27.470	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	109125	25.512	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	107859	25.163	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	101610	26.719	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	7013	29.262	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	77833	25.352	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	62189	26.772	ug/L	98
71) Naphthalene	15.359	128	121555	29.642	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	53707	26.730	ug/L	96

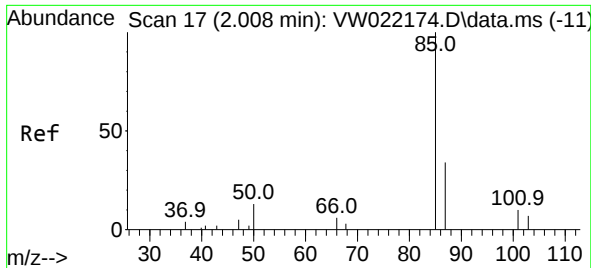
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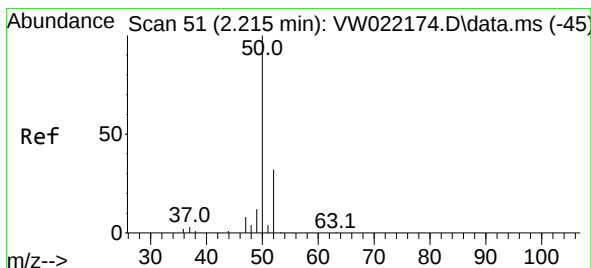
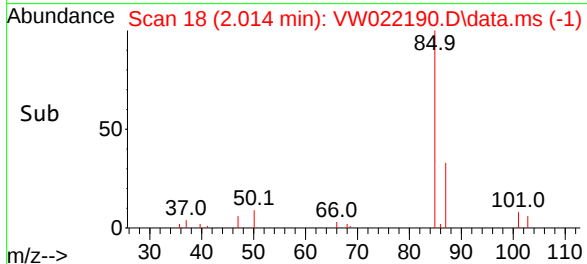
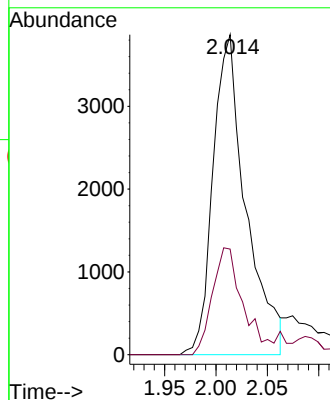
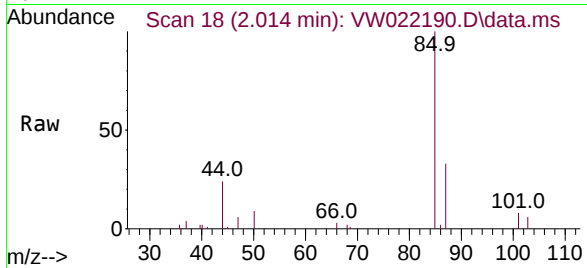




#2
 Dichlorodifluoromethane
 Concen: 23.269 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

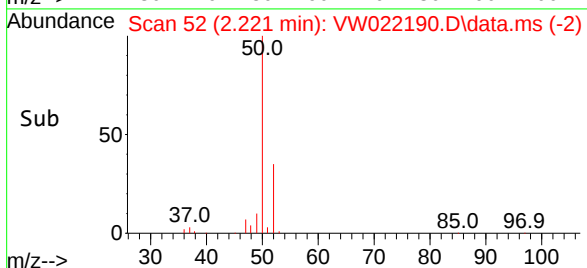
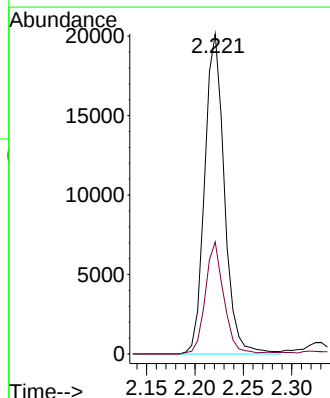
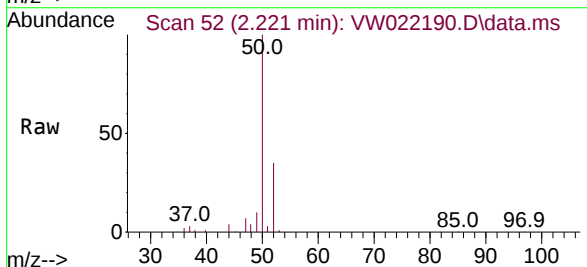
Instrument :
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 ClientSampleId :
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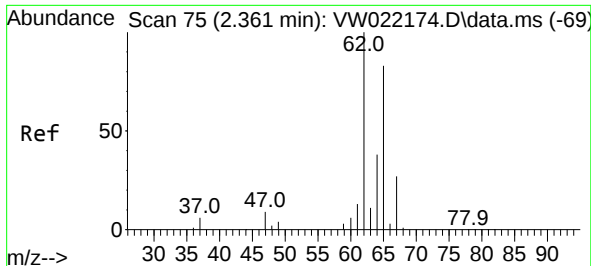
Tgt Ion: 85 Resp: 8565
 Ion Ratio Lower Upper
 85 100
 87 30.1 27.6 41.4



#3
 Chloromethane
 Concen: 22.680 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

Tgt Ion: 50 Resp: 28606
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.9 44.5

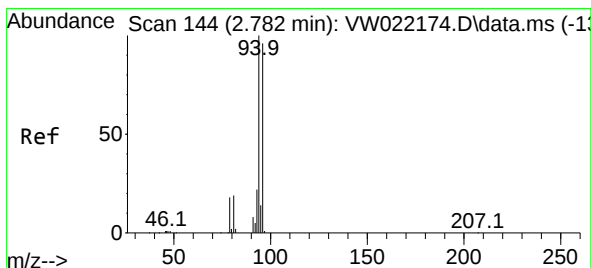
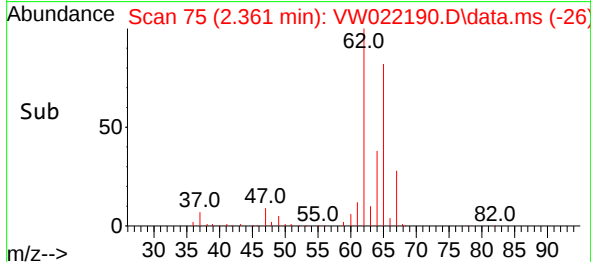
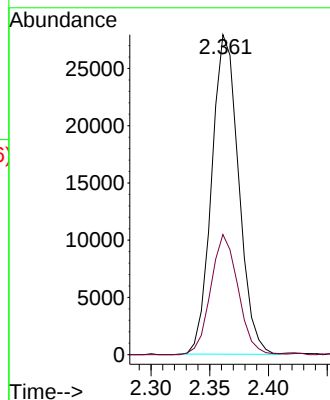
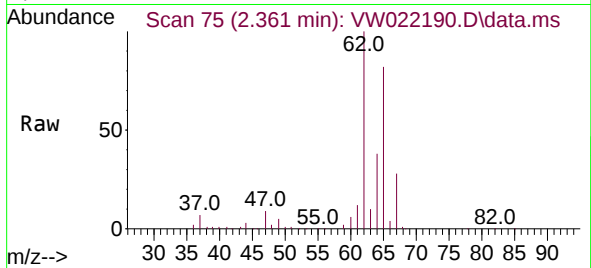




#5
 Vinyl chloride
 Concen: 23.540 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

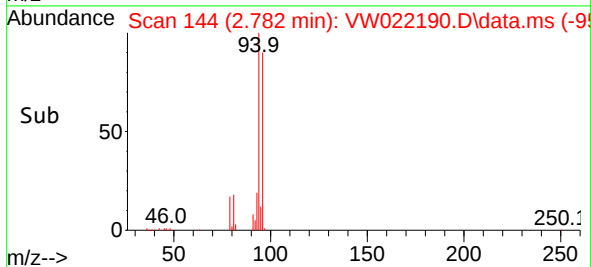
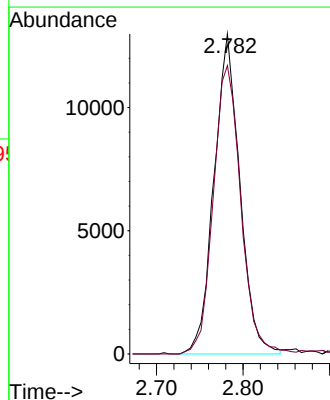
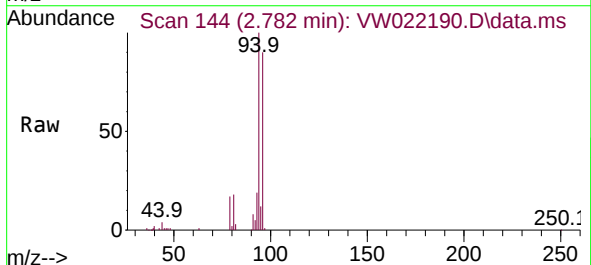
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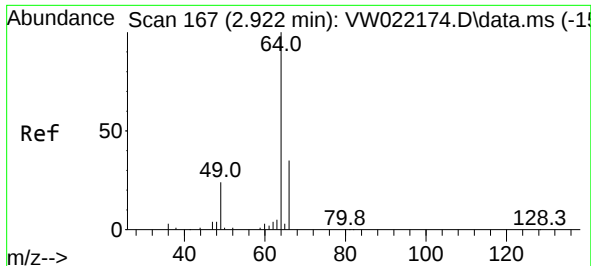
Tgt Ion: 62 Resp: 44611
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.7 45.9



#6
 Bromomethane
 Concen: 20.356 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

Tgt Ion: 94 Resp: 26943
 Ion Ratio Lower Upper
 94 100
 96 90.1 61.2 113.8

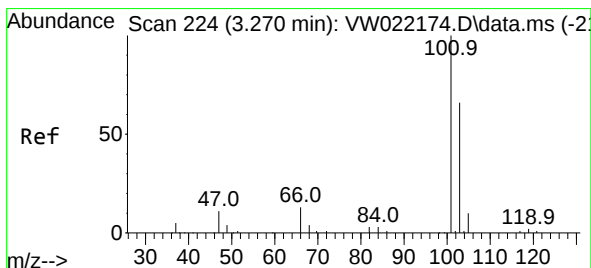
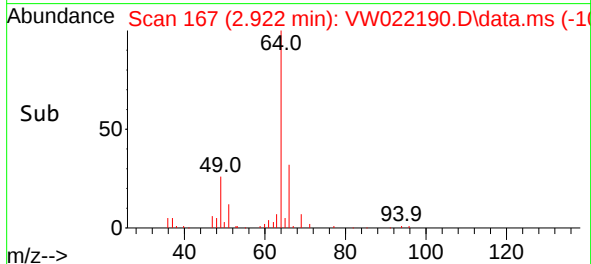
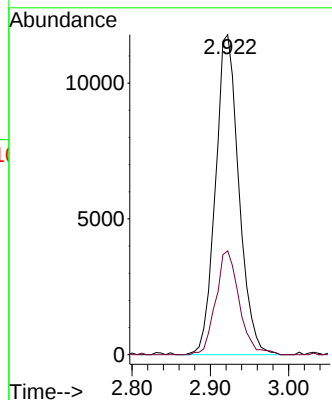
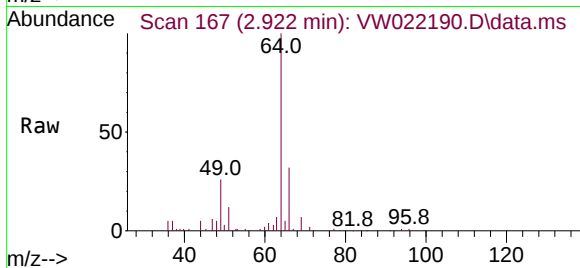




#8
Chloroethane
Concen: 23.020 ug/L
RT: 2.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

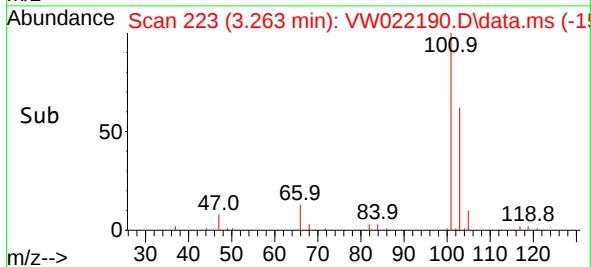
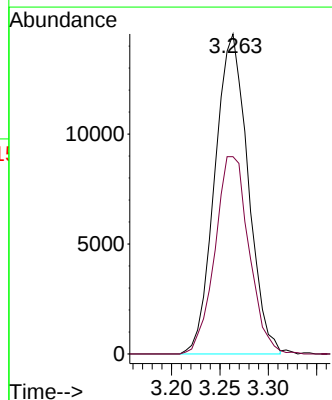
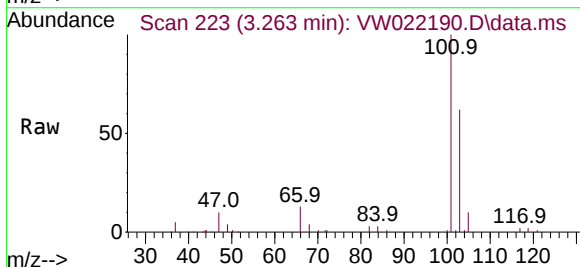
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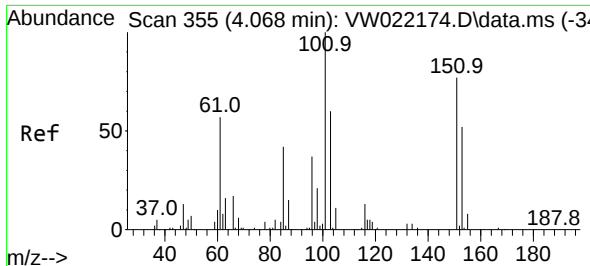
Tgt Ion: 64 Resp: 24507
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.0



#9
Trichlorofluoromethane
Concen: 26.944 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 101 Resp: 34668
Ion Ratio Lower Upper
101 100
103 63.3 53.2 79.8

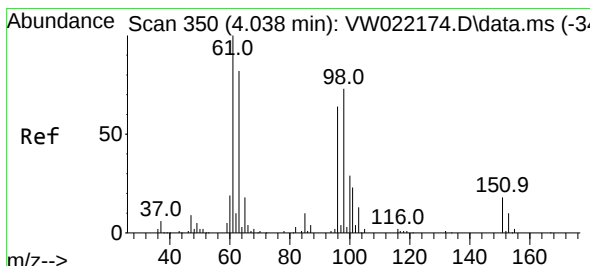
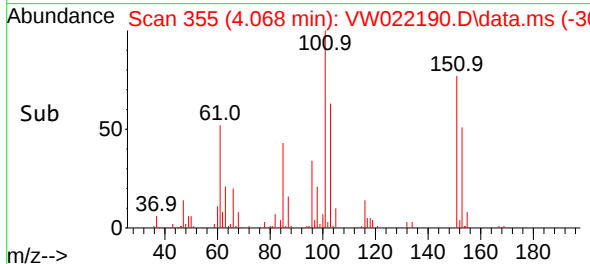
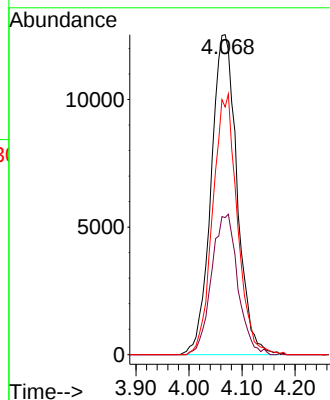
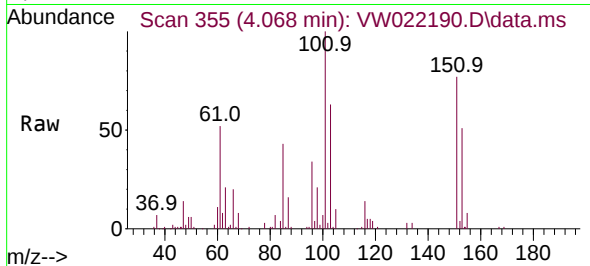




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.186 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

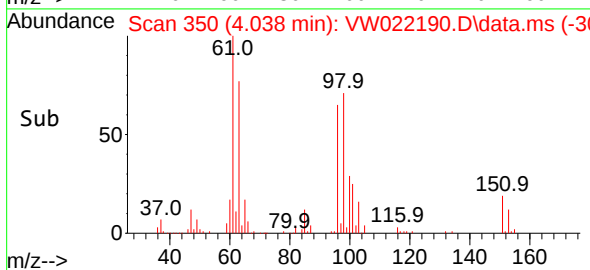
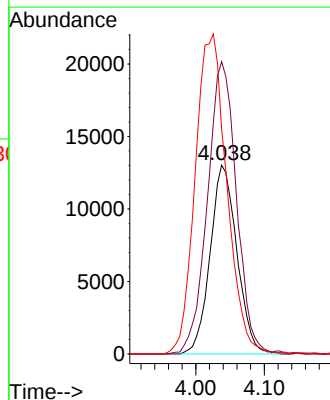
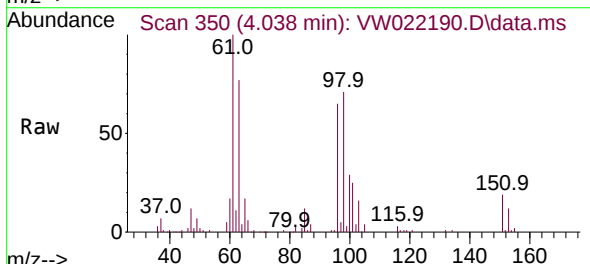
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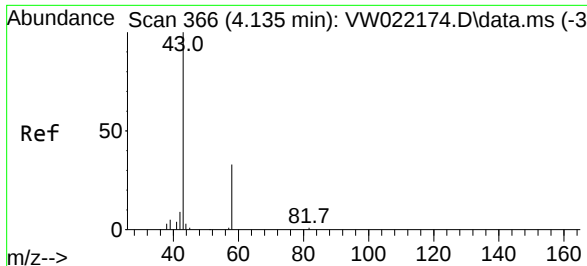
Tgt Ion:	101	Resp:	42676
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.4	51.6
151	77.2	59.0	88.4



#12
 1,1-Dichloroethene
 Concen: 25.976 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

Tgt Ion:	96	Resp:	35340
Ion	Ratio	Lower	Upper
96	100		
61	154.9	108.4	201.2
63	119.1	72.0	133.6

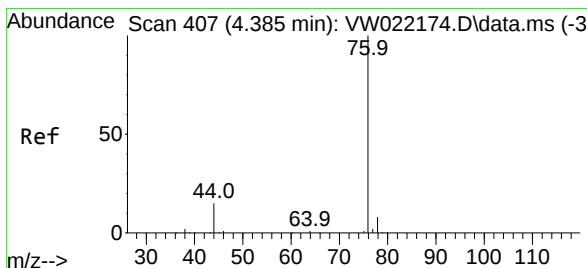
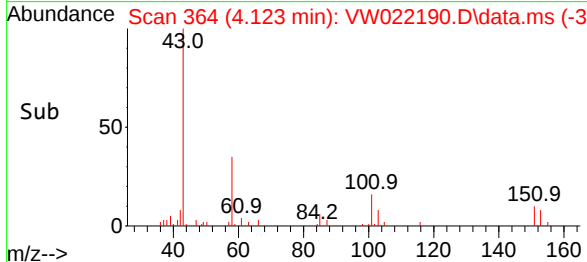
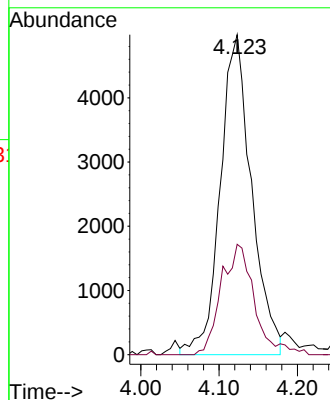
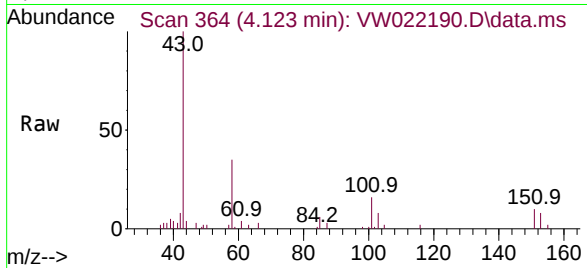




#13
Acetone
Concen: 58.584 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
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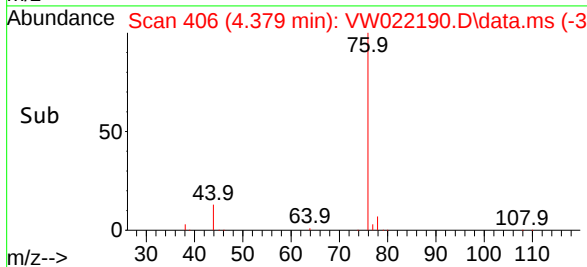
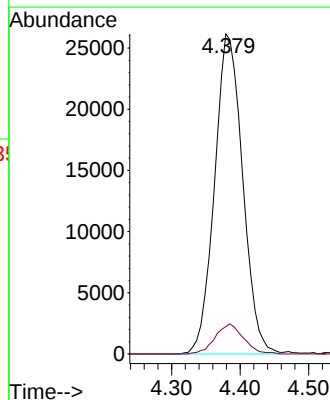
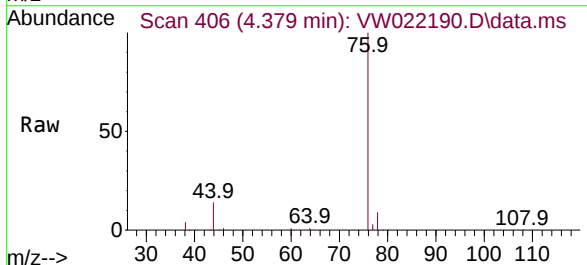
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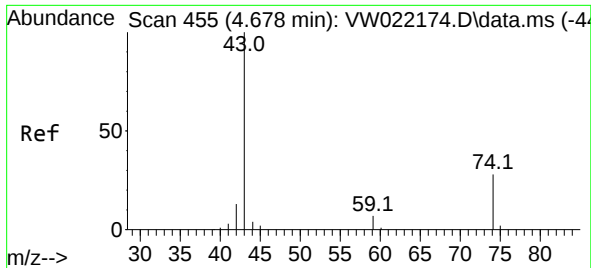
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Ion Ratio Lower Upper
43 100
58 23.4 0.0 69.2



#14
Carbon disulfide
Concen: 21.099 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 76 Resp: 74423
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8

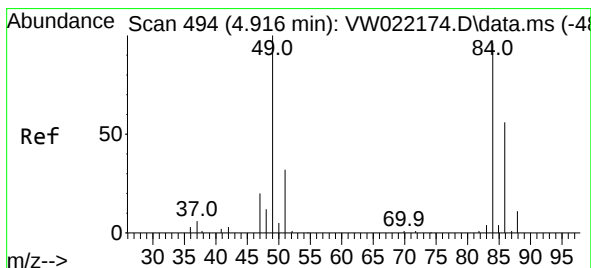
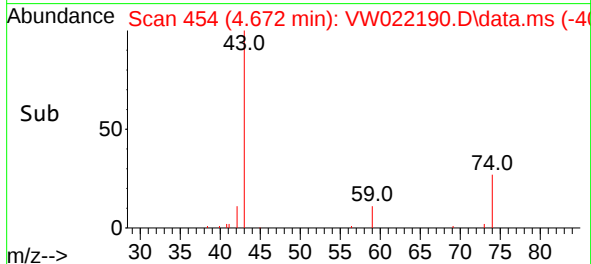
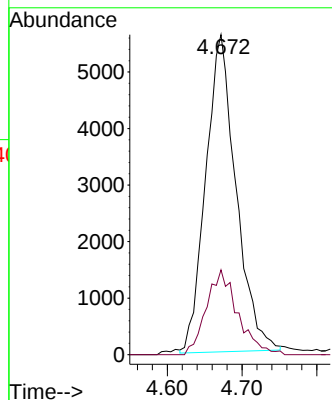
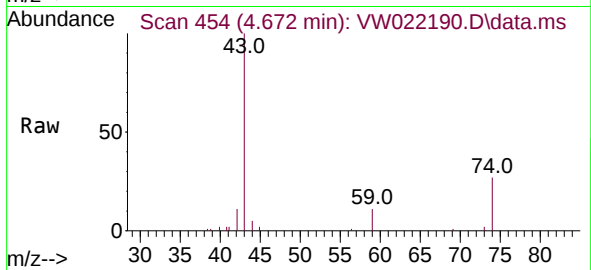




#15
Methyl Acetate
Concen: 29.747 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

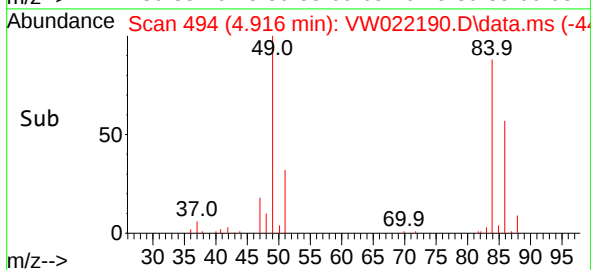
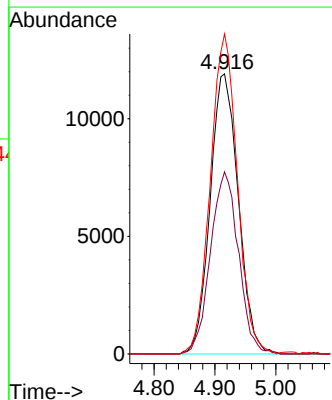
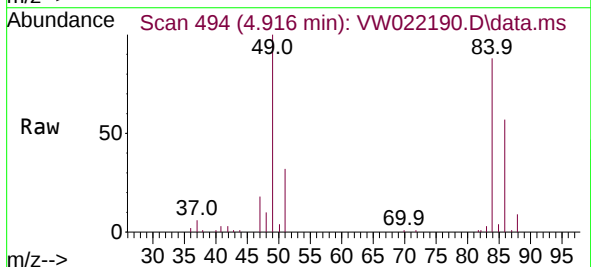
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

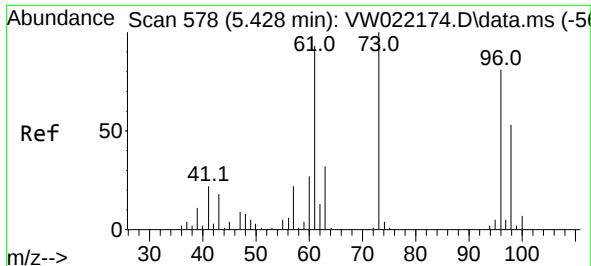
Tgt Ion: 43 Resp: 15798
Ion Ratio Lower Upper
43 100
74 27.4 23.0 34.6



#16
Methylene chloride
Concen: 23.649 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 84 Resp: 38231
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 114.2 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 25.650 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

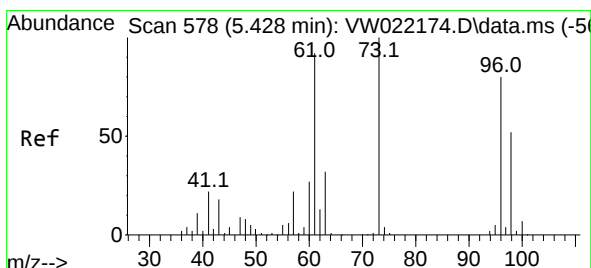
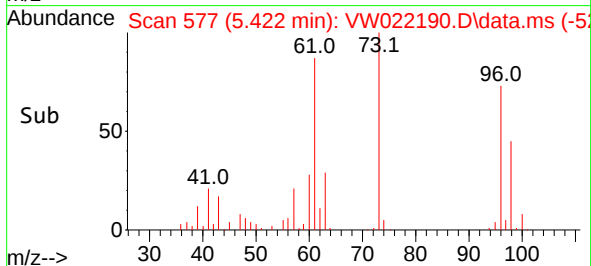
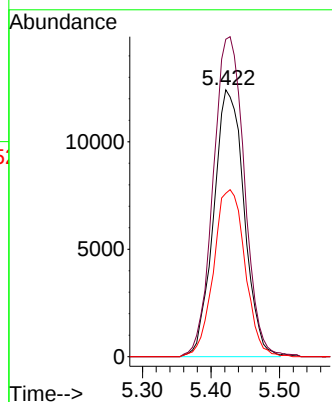
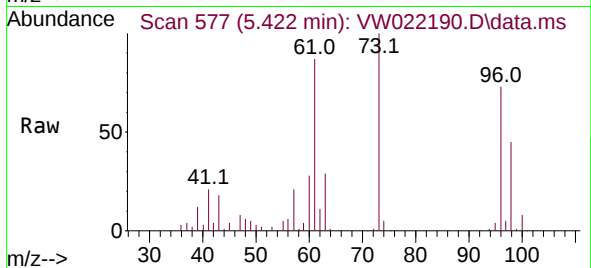
Tgt Ion: 96 Resp: 38330

Ion Ratio Lower Upper

96 100

61 118.9 87.3 162.1

98 61.2 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 29.832 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

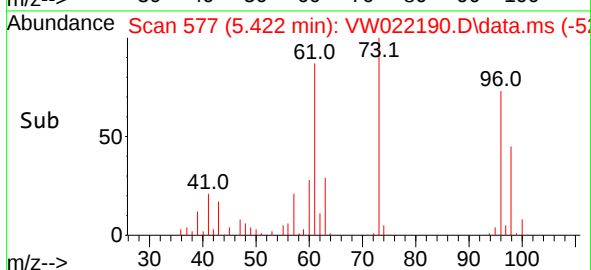
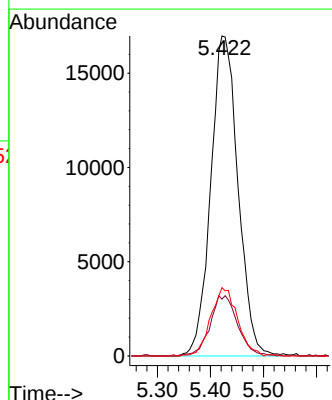
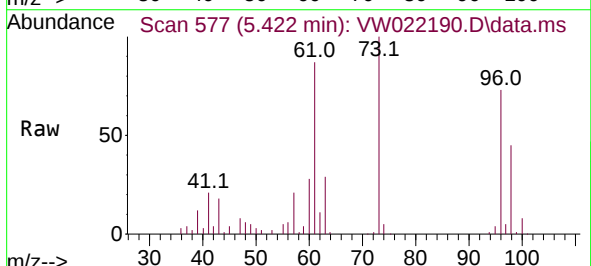
Tgt Ion: 73 Resp: 60650

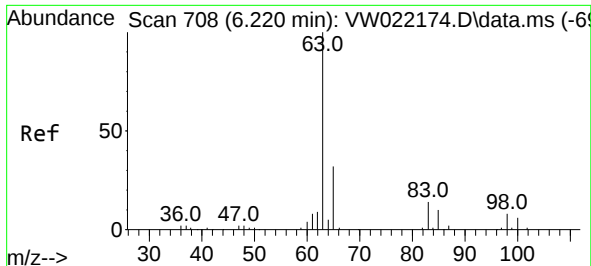
Ion Ratio Lower Upper

73 100

43 9.2 15.4 23.2#

57 20.8 16.5 24.7

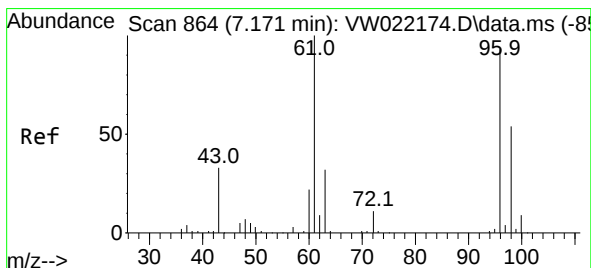
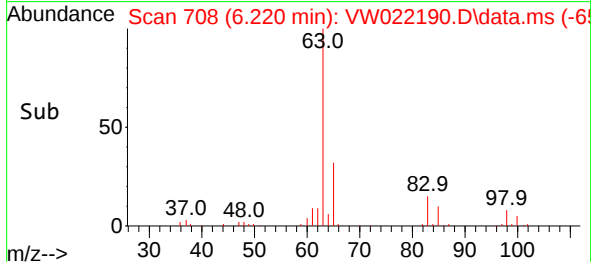
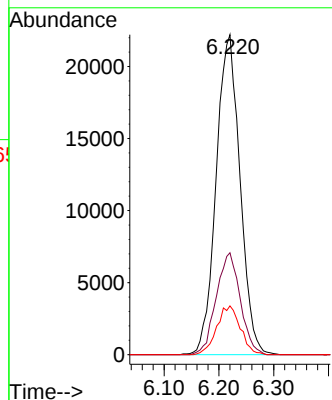
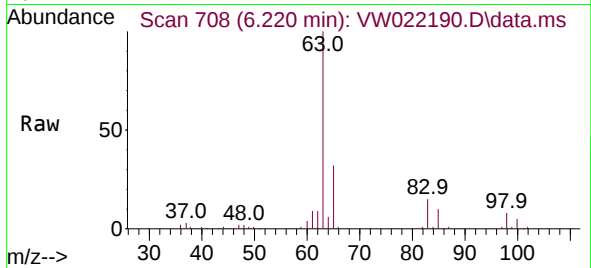




#19
1,1-Dichloroethane
Concen: 27.779 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

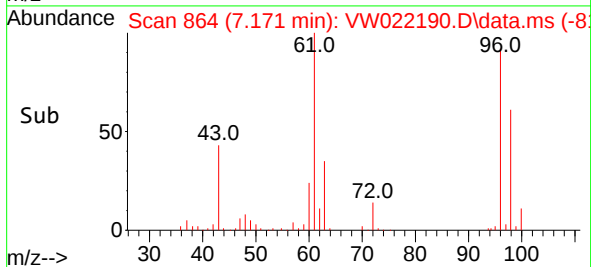
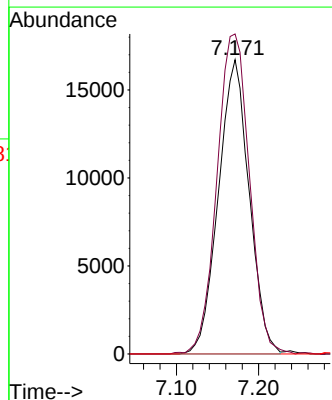
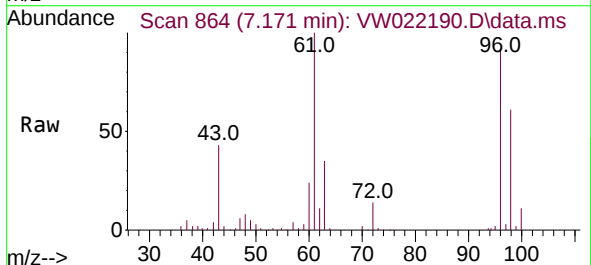
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

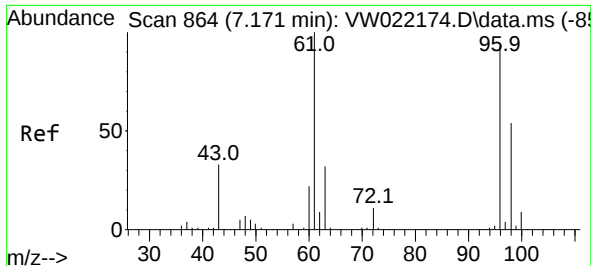
Tgt Ion: 63 Resp: 67204
Ion Ratio Lower Upper
63 100
65 31.9 22.5 41.9
83 15.3 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 26.851 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 96 Resp: 43466
Ion Ratio Lower Upper
96 100
61 108.8 76.8 142.6
68 0.0 0.0 0.0

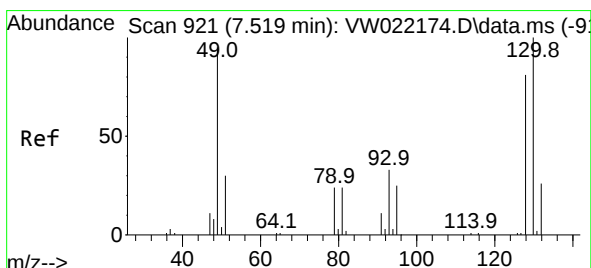
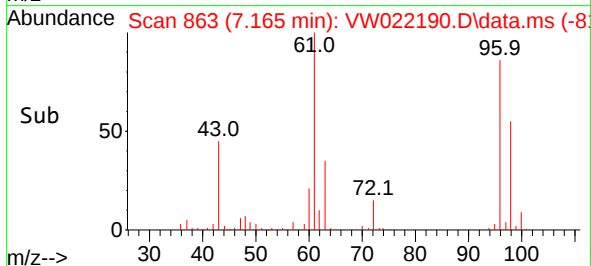
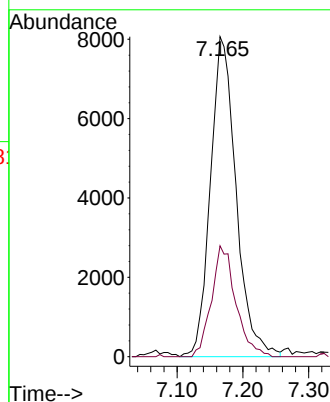
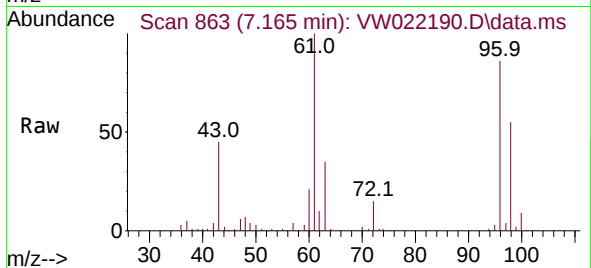




#22
2-Butanone
Concen: 64.706 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

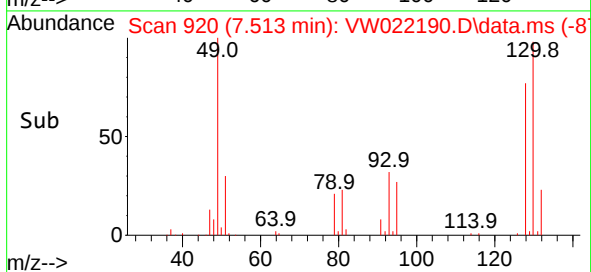
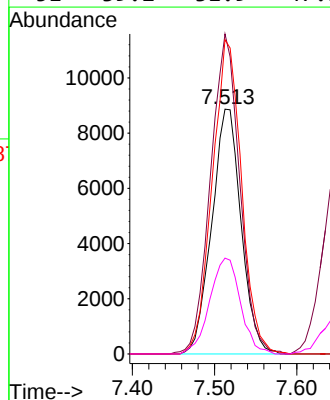
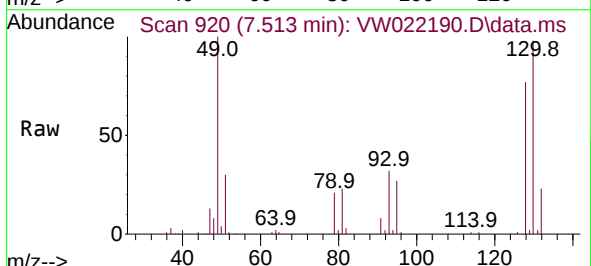
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

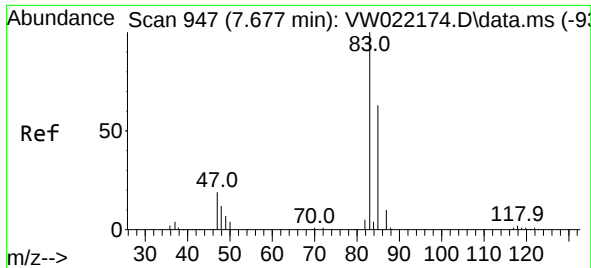
Tgt Ion: 43 Resp: 21927
Ion Ratio Lower Upper
43 100
72 32.7 17.0 51.0



#23
Bromochloromethane
Concen: 27.801 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 128 Resp: 21984
Ion Ratio Lower Upper
128 100
49 130.7 84.2 156.4
130 128.3 84.8 157.4
51 39.2 31.9 47.9

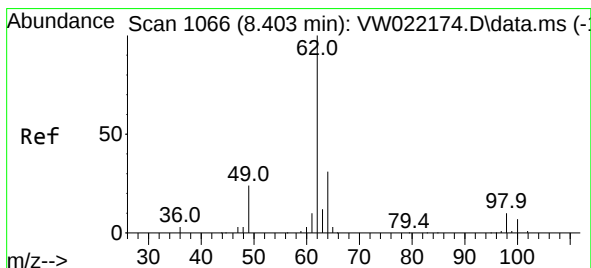
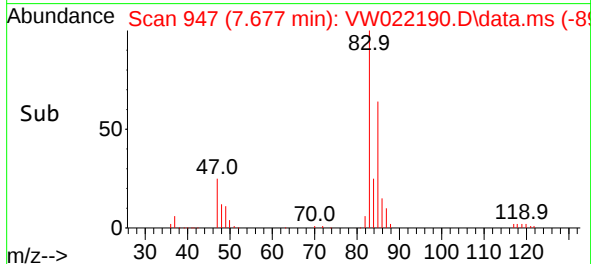
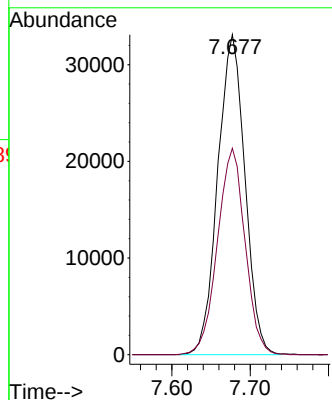
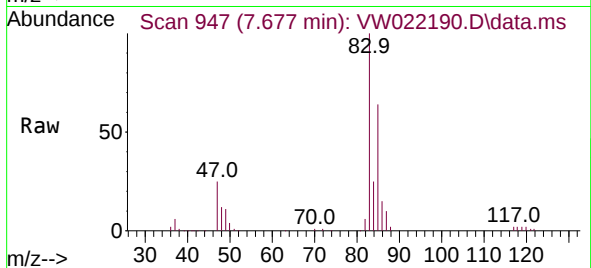




#25
Chloroform
Concen: 28.261 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

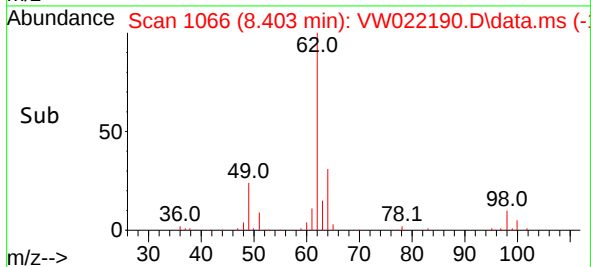
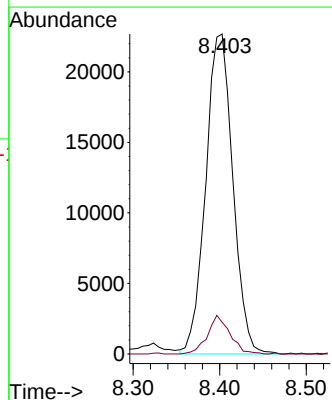
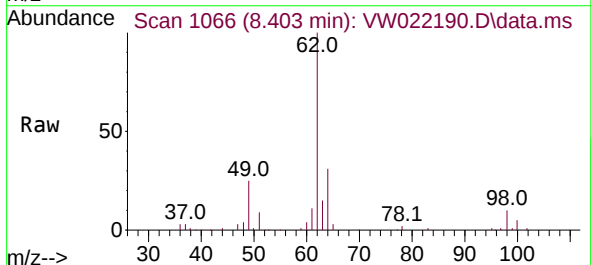
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

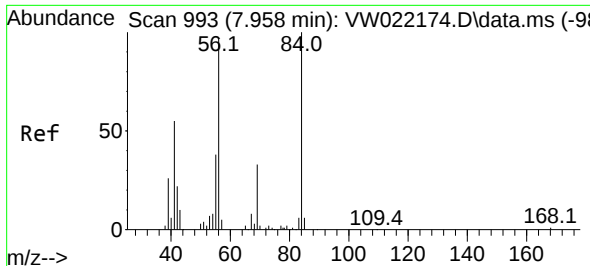
Tgt Ion: 83 Resp: 79772
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 28.423 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 62 Resp: 49416
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9

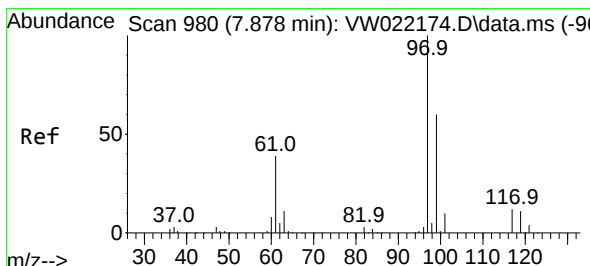
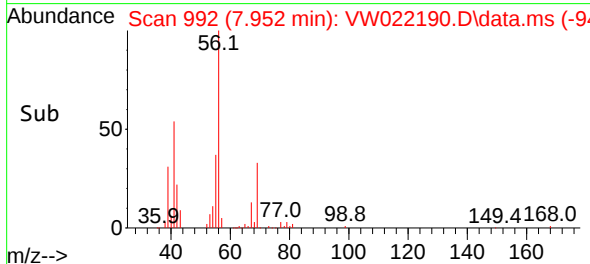
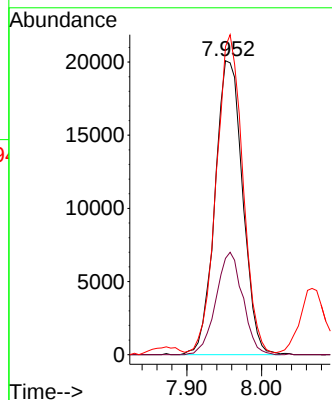
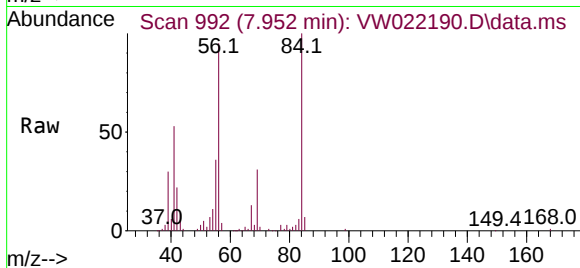




#29
Cyclohexane
Concen: 24.322 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

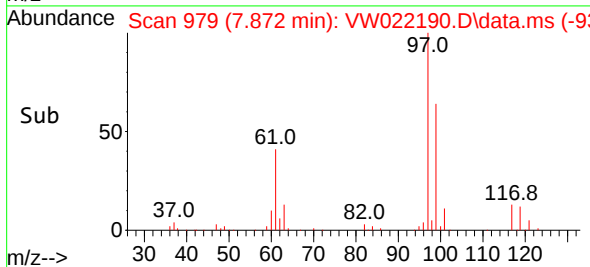
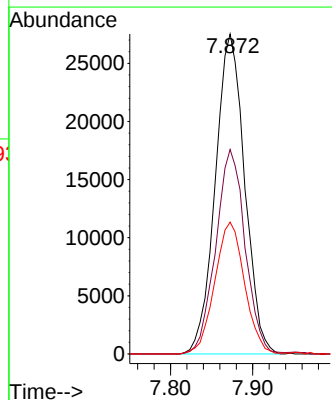
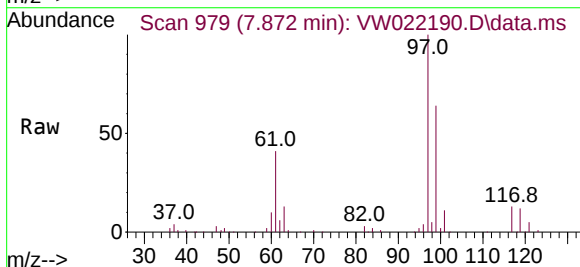
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

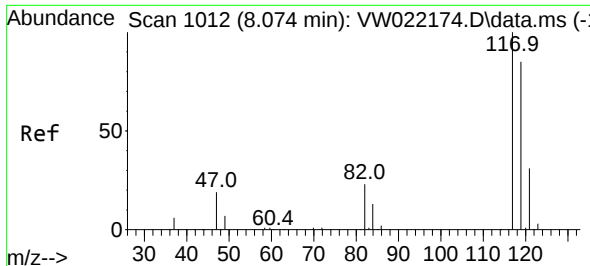
Tgt Ion: 56 Resp: 51680
Ion Ratio Lower Upper
56 100
69 33.7 26.3 39.5
84 105.1 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 26.607 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 97 Resp: 68346
Ion Ratio Lower Upper
97 100
99 63.9 52.6 78.8
61 41.8 33.0 49.6

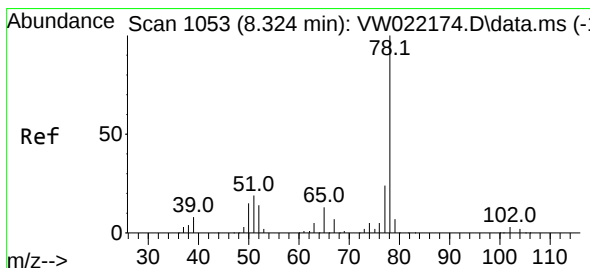
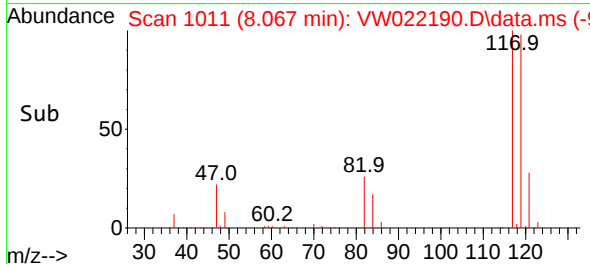
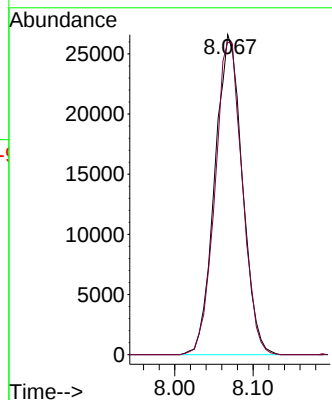
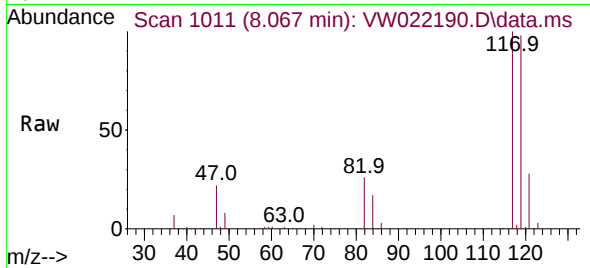




#31
Carbon tetrachloride
Concen: 26.569 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

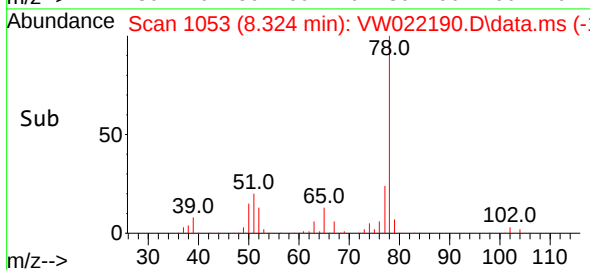
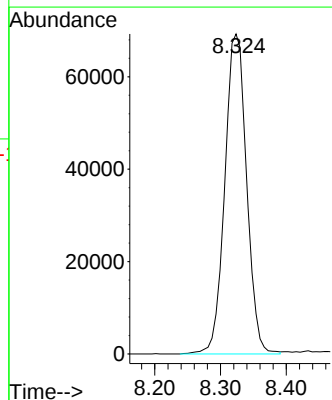
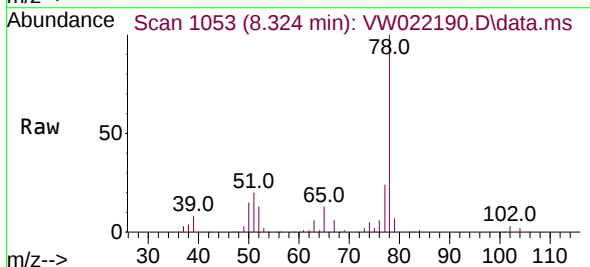
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

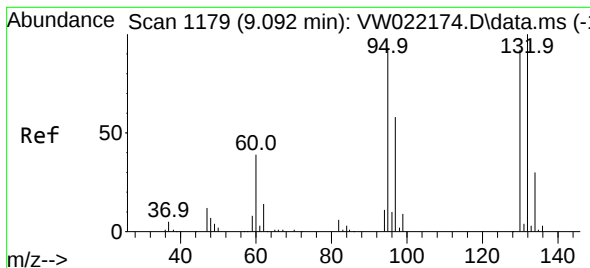
Tgt Ion:117 Resp: 64863
Ion Ratio Lower Upper
117 100
119 97.4 76.7 115.1



#33
Benzene
Concen: 25.908 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 78 Resp: 159931





#34

Trichloroethene

Concen: 25.663 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

Tgt Ion: 95 Resp: 45359

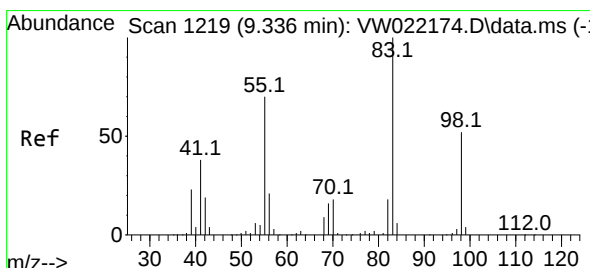
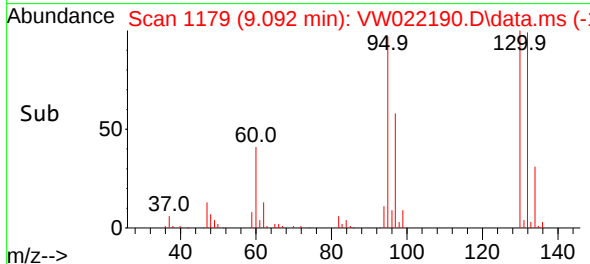
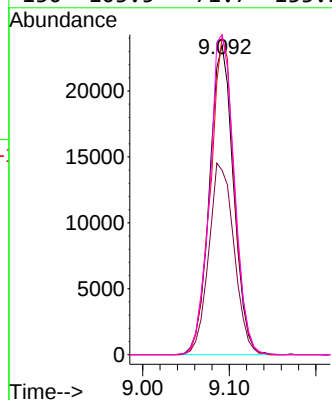
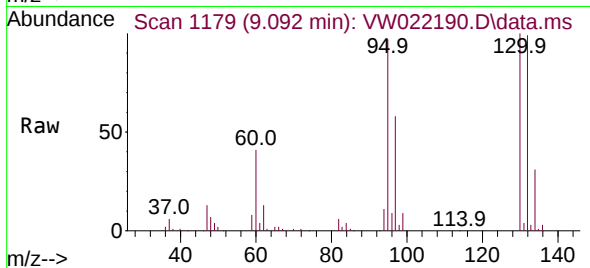
Ion Ratio Lower Upper

95 100

97 59.6 44.4 82.4

132 102.9 71.7 133.1

130 103.5 71.7 133.1



#35

Methylcyclohexane

Concen: 25.046 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

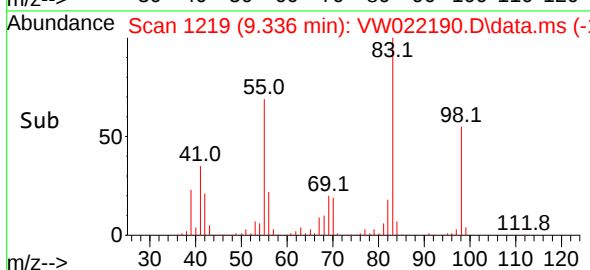
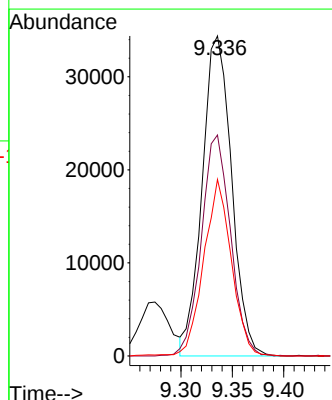
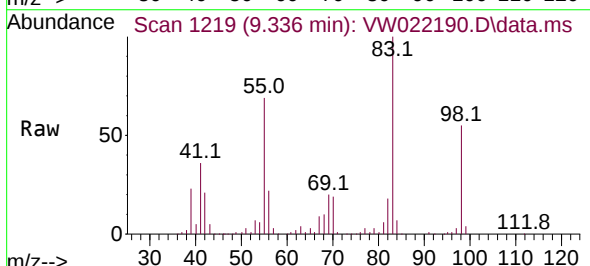
Tgt Ion: 83 Resp: 68472

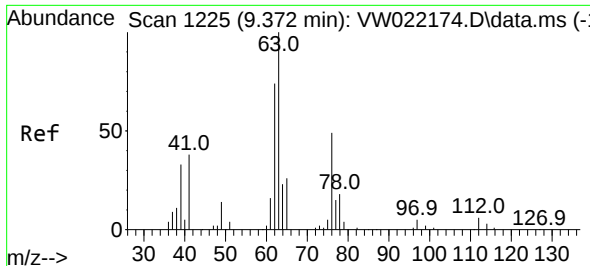
Ion Ratio Lower Upper

83 100

55 68.5 53.8 80.8

98 51.6 42.1 63.1





#37

1,2-Dichloropropane

Concen: 26.885 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

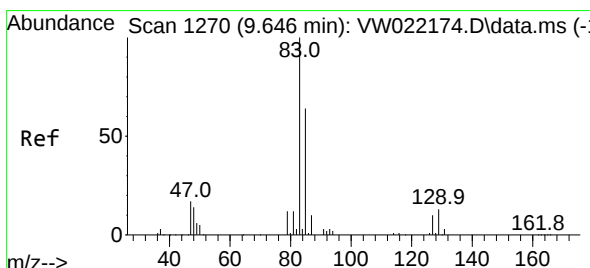
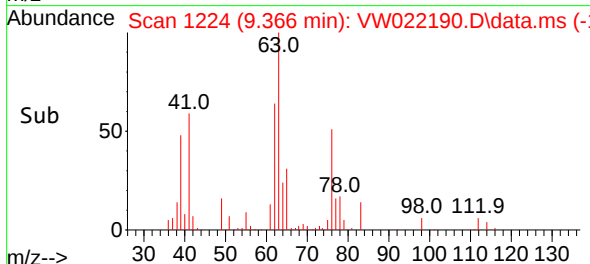
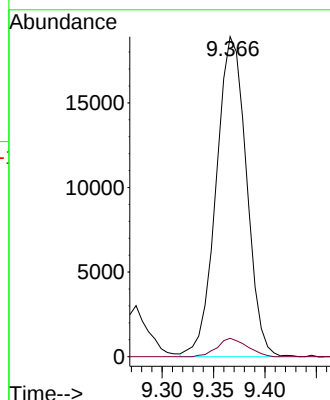
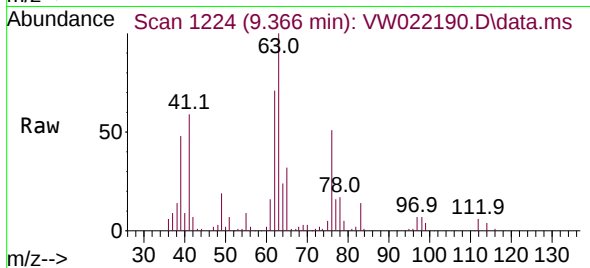
VSTD025573

Tgt Ion: 63 Resp: 38717

Ion Ratio Lower Upper

63 100

112 5.7 4.1 6.1



#38

Bromodichloromethane

Concen: 27.557 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

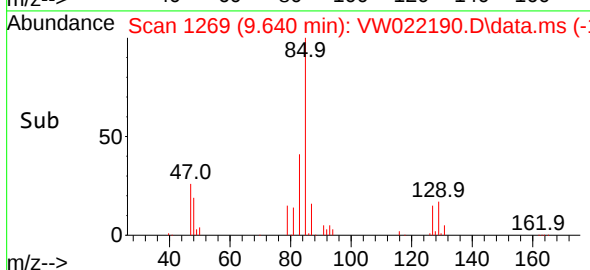
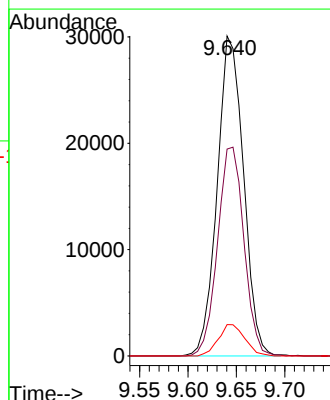
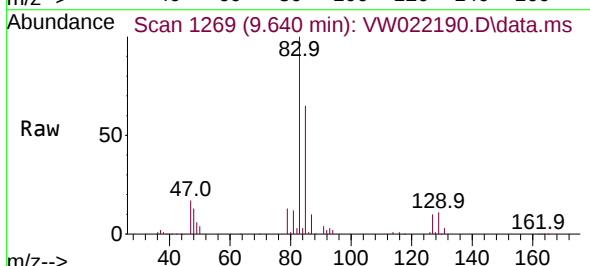
Tgt Ion: 83 Resp: 56910

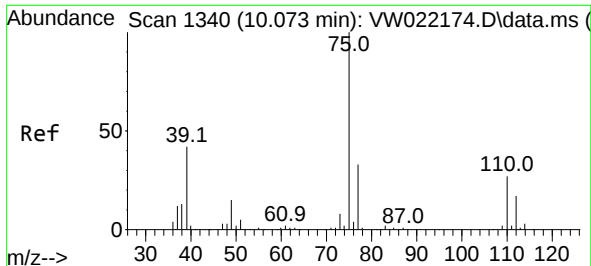
Ion Ratio Lower Upper

83 100

85 64.6 47.9 89.1

127 9.8 7.5 11.3

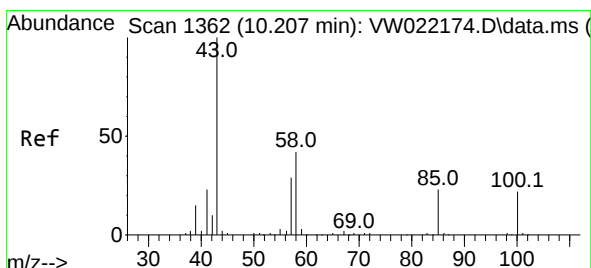
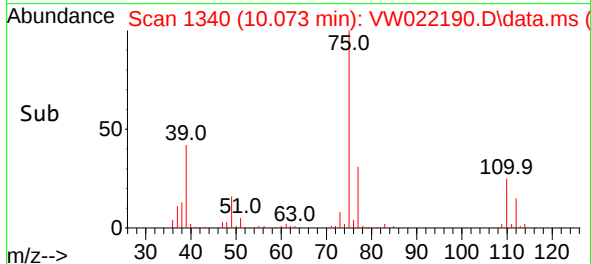
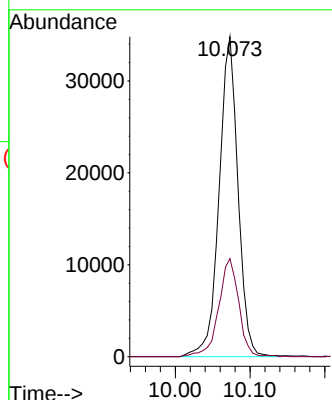
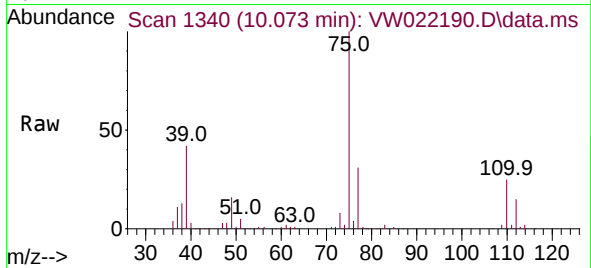




#39
 cis-1,3-Dichloropropene
 Concen: 27.986 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

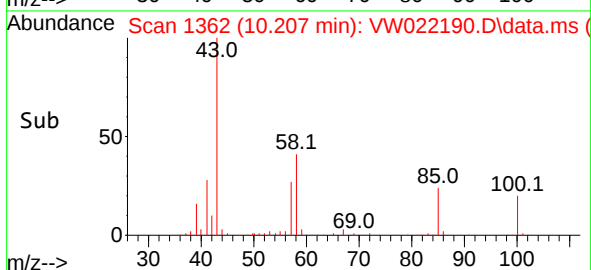
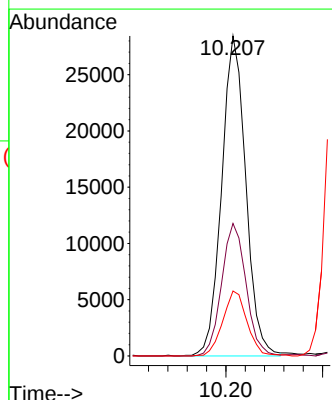
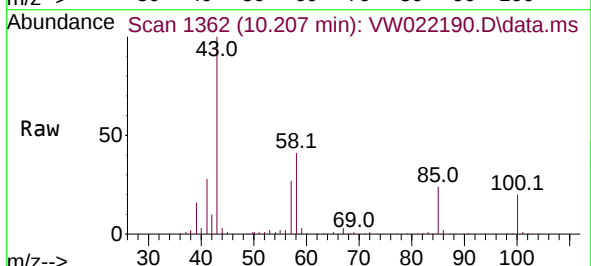
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

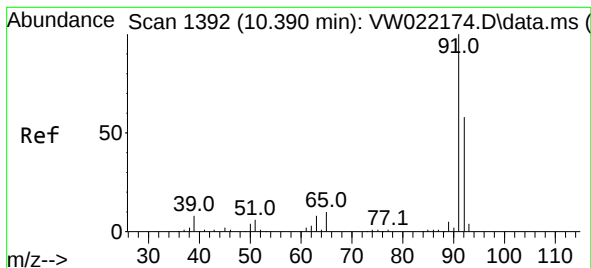
Tgt Ion: 75 Resp: 61263
 Ion Ratio Lower Upper
 75 100
 77 30.6 20.6 38.2



#40
 4-Methyl-2-pentanone
 Concen: 63.362 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW022190.D
 Acq: 07 Mar 2022 10:05

Tgt Ion: 43 Resp: 49277
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.2 49.8
 100 20.5 16.1 24.1





#42

Toluene

Concen: 26.483 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

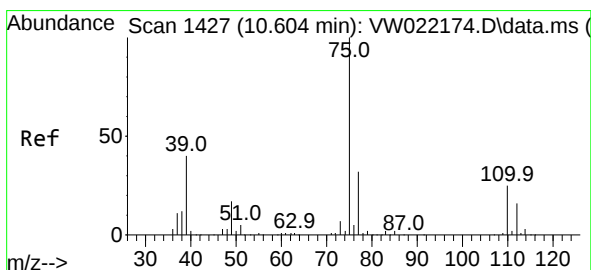
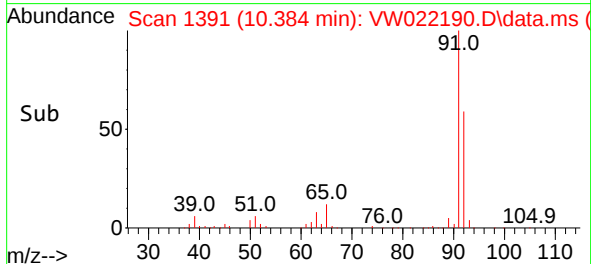
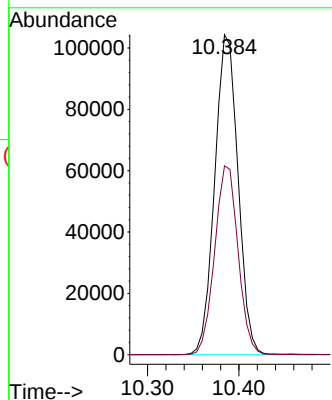
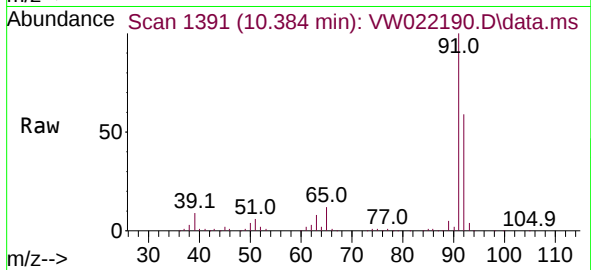
VSTD025573

Tgt Ion: 91 Resp: 185021

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 28.035 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022190.D

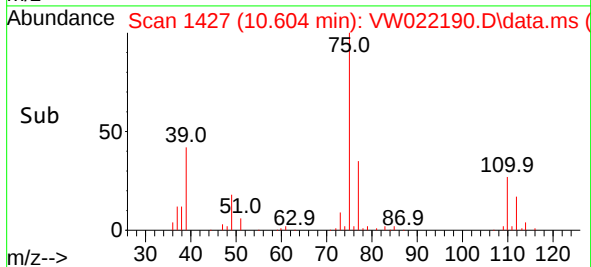
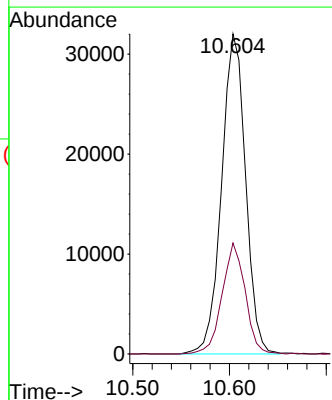
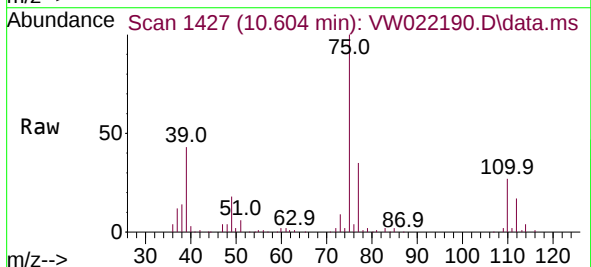
Acq: 07 Mar 2022 10:05

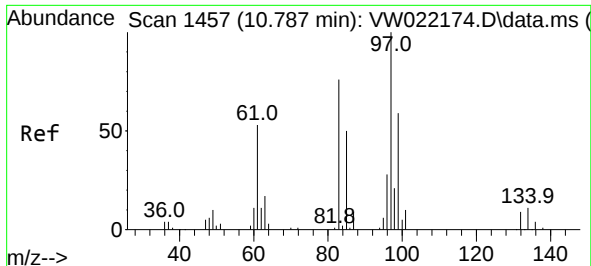
Tgt Ion: 75 Resp: 55148

Ion Ratio Lower Upper

75 100

77 34.7 22.0 40.8

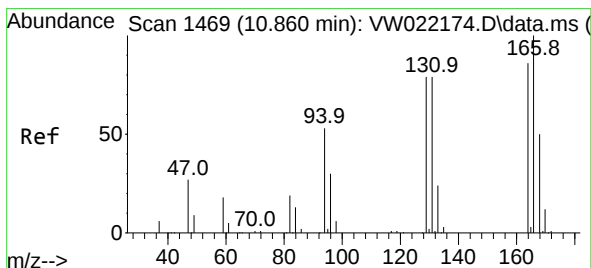
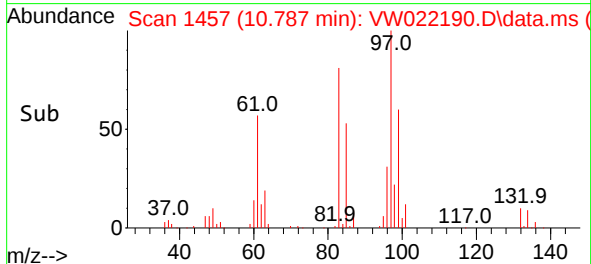
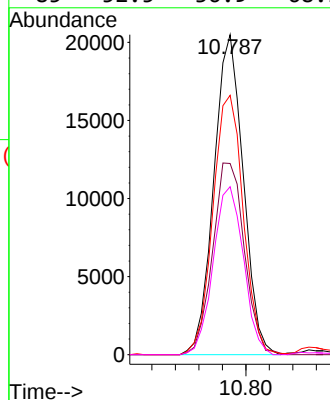
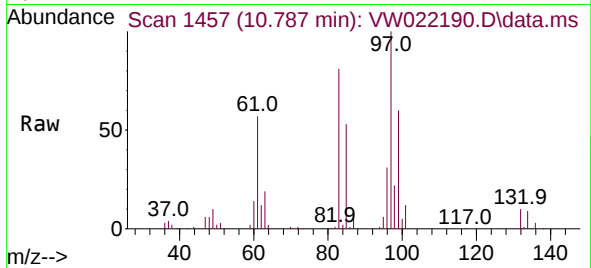




#45
1,1,2-Trichloroethane
Concen: 27.837 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

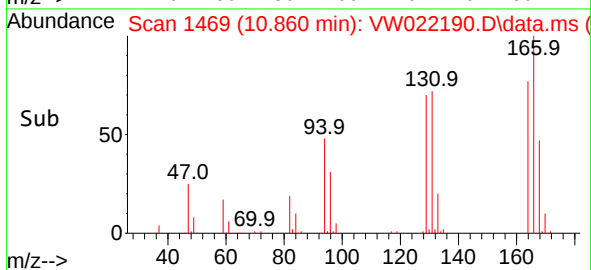
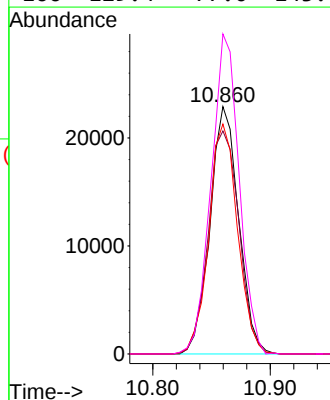
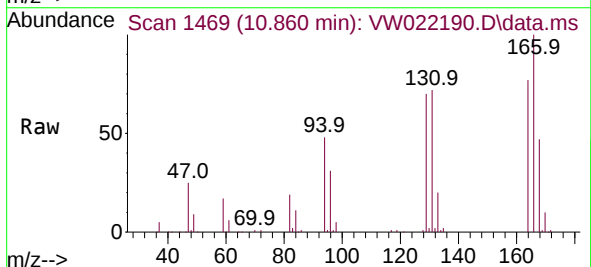
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

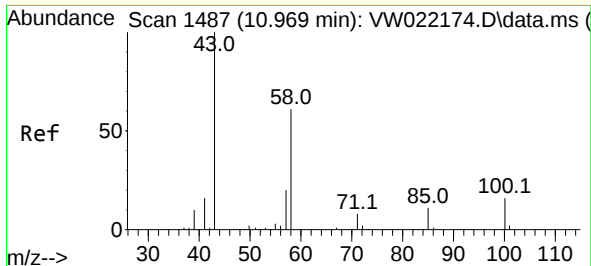
Tgt Ion:	97	Resp:	35548
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.5	80.7
83	81.0	53.5	99.3
85	52.5	36.9	68.5



#46
Tetrachloroethene
Concen: 25.075 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion:	164	Resp:	38824
Ion	Ratio	Lower	Upper
164	100		
129	90.2	60.3	111.9
131	92.9	59.9	111.3
166	129.4	77.0	143.0

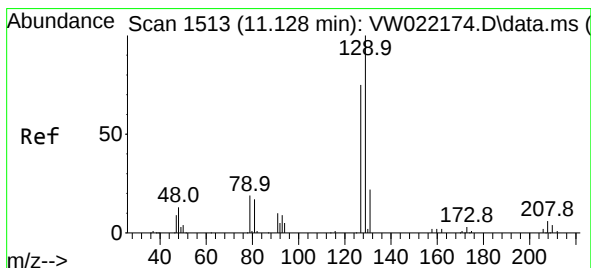
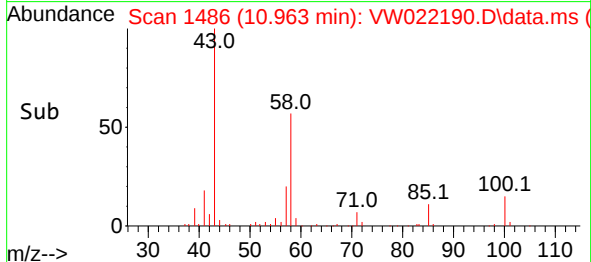
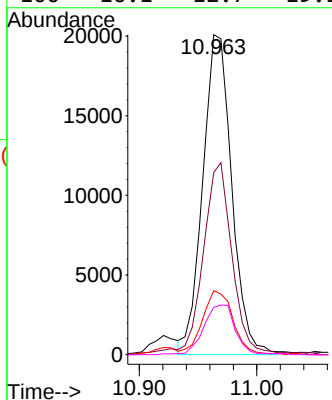
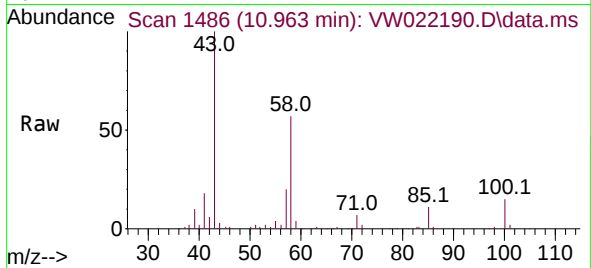




#48
2-Hexanone
Concen: 64.113 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

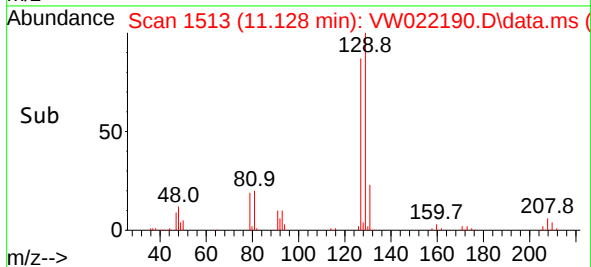
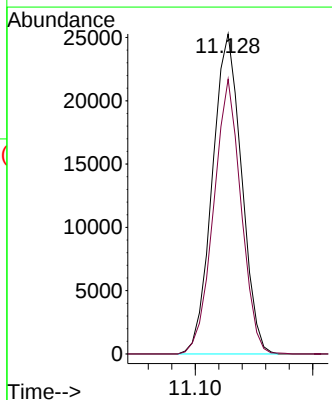
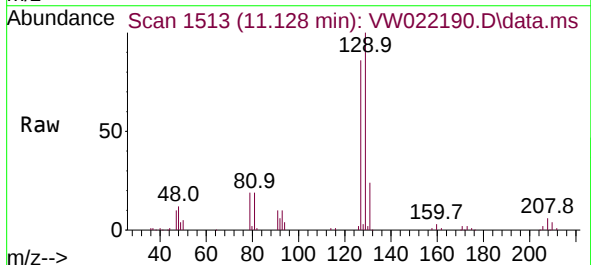
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

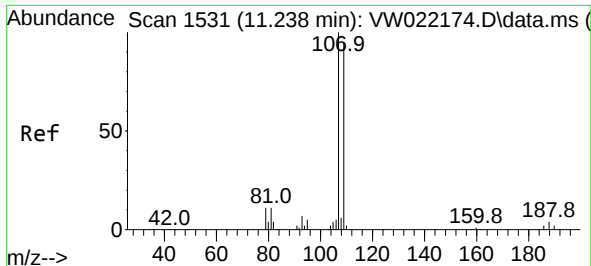
Tgt Ion: 43 Resp: 34606
Ion Ratio Lower Upper
43 100
58 58.5 44.6 66.8
57 21.0 15.8 23.8
100 16.1 12.7 19.1



#49
Dibromochloromethane
Concen: 28.151 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 129 Resp: 43667
Ion Ratio Lower Upper
129 100
127 85.9 54.5 101.1





#50

1,2-Dibromoethane

Concen: 27.668 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

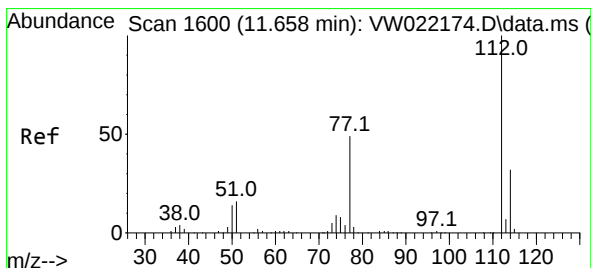
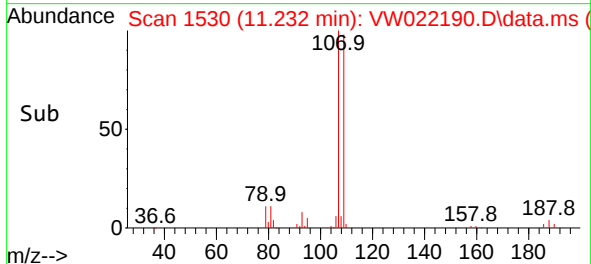
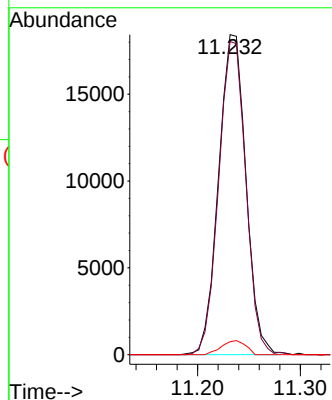
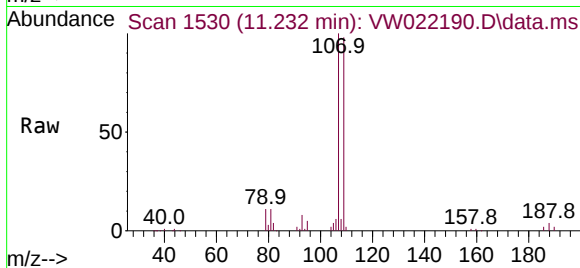
Tgt Ion:107 Resp: 34079

Ion Ratio Lower Upper

107 100

109 97.9 66.8 124.2

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 26.941 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

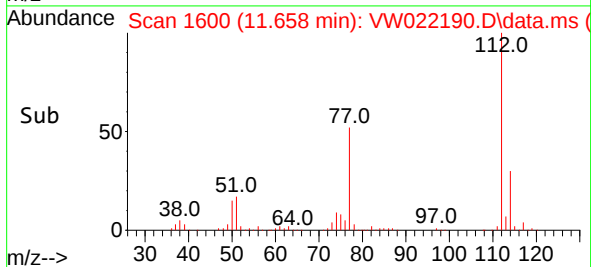
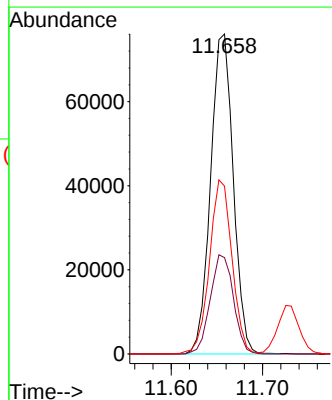
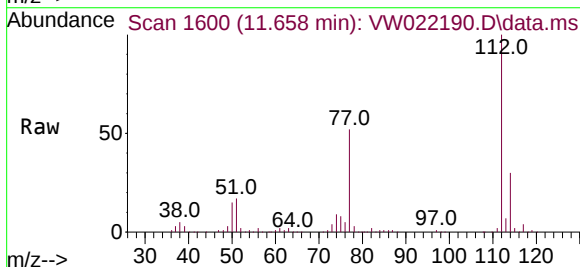
Tgt Ion:112 Resp: 130993

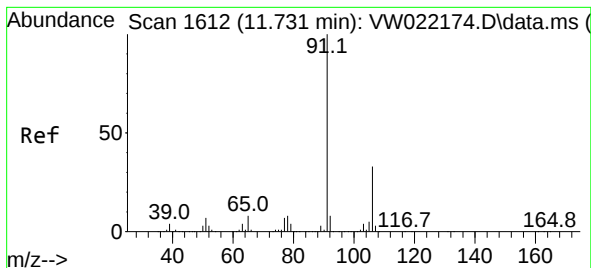
Ion Ratio Lower Upper

112 100

114 30.1 23.0 42.8

77 52.5 41.8 62.6

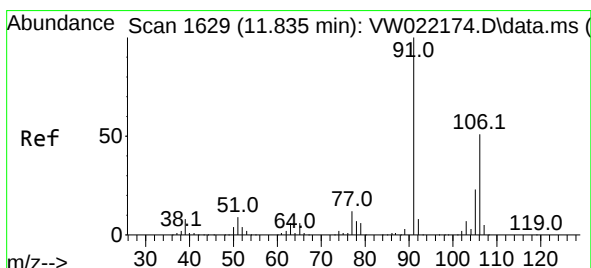
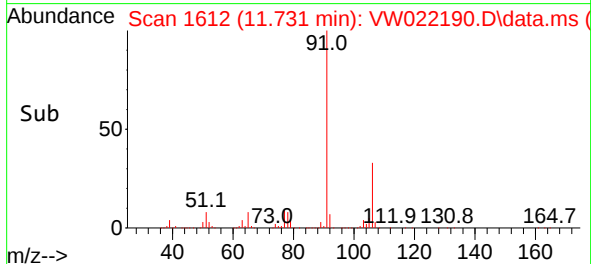
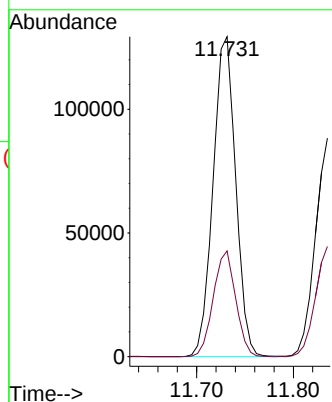
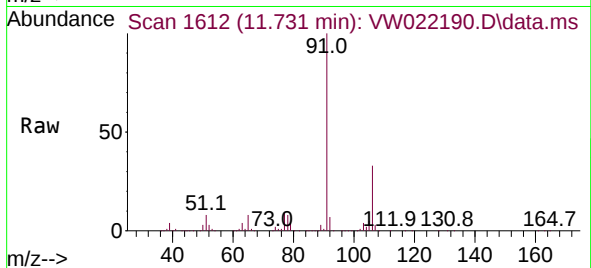




#52
Ethylbenzene
Concen: 27.183 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

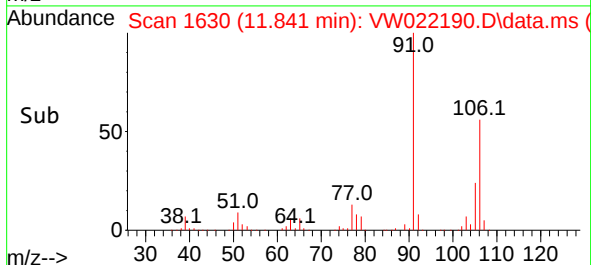
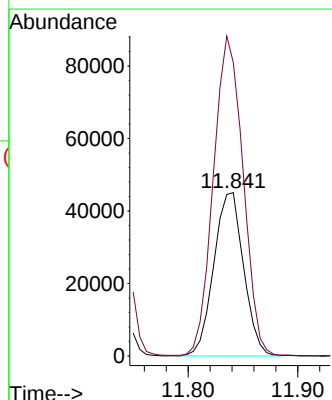
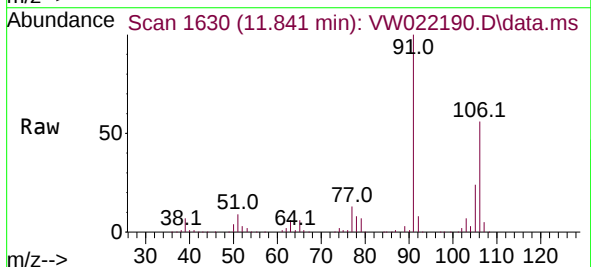
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

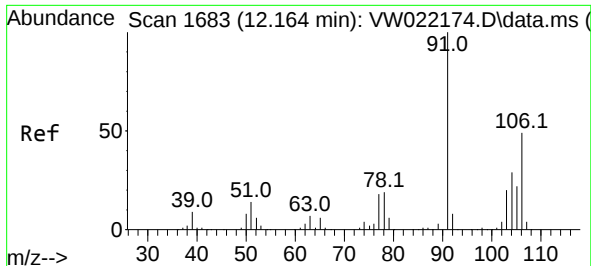
Tgt Ion: 91 Resp: 210183
Ion Ratio Lower Upper
91 100
106 33.0 22.8 42.4



#53
m,p-Xylene
Concen: 26.763 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 106 Resp: 85149
Ion Ratio Lower Upper
106 100
91 179.5 135.0 250.8

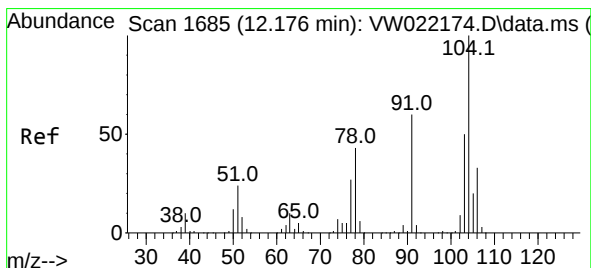
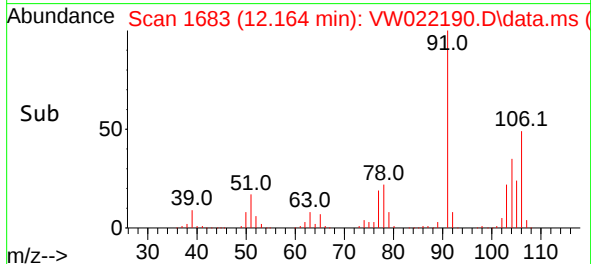
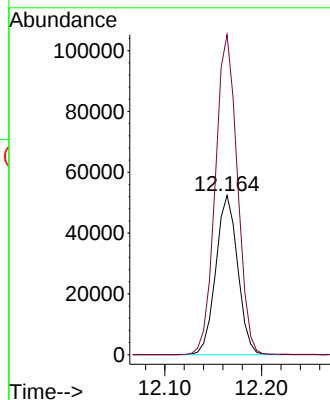
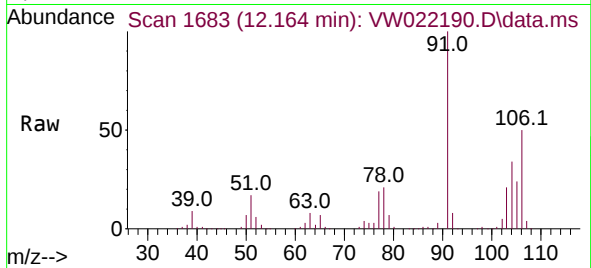




#54
o-Xylene
Concen: 27.453 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

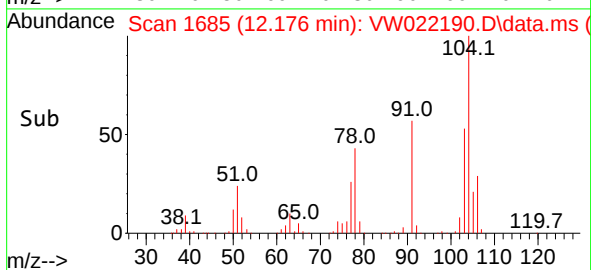
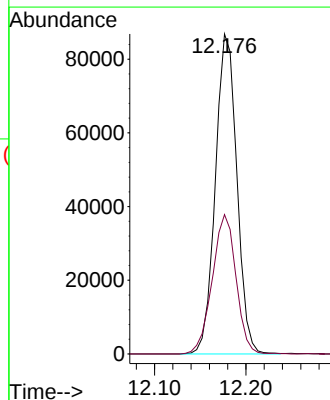
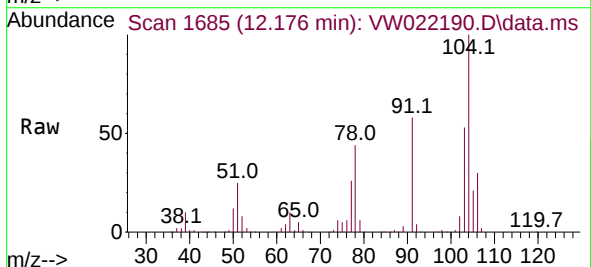
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

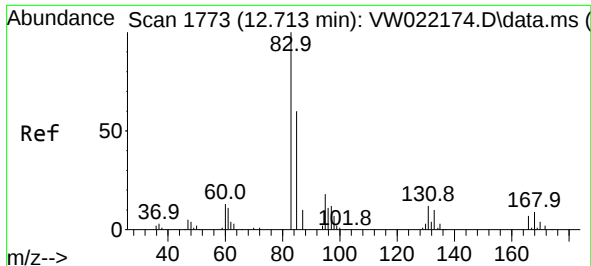
Tgt Ion:106 Resp: 82186
Ion Ratio Lower Upper
106 100
91 201.1 136.9 254.3



#55
Styrene
Concen: 28.285 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion:104 Resp: 141951
Ion Ratio Lower Upper
104 100
78 43.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 30.270 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

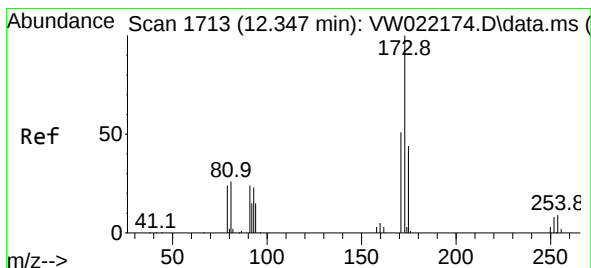
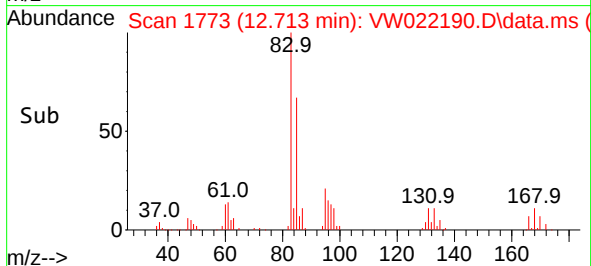
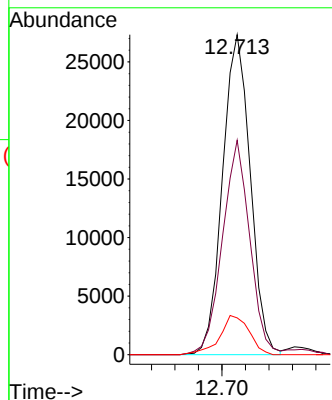
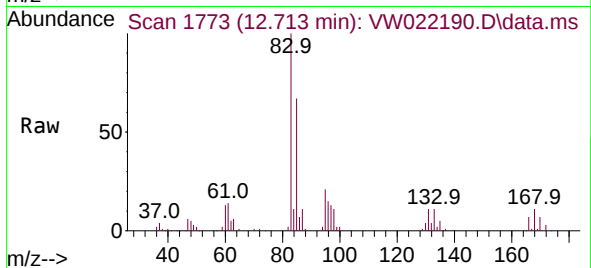
Tgt Ion: 83 Resp: 44850

Ion Ratio Lower Upper

83 100

85 67.0 44.2 82.0

131 11.5 9.4 14.0



#59

Bromoform

Concen: 28.072 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

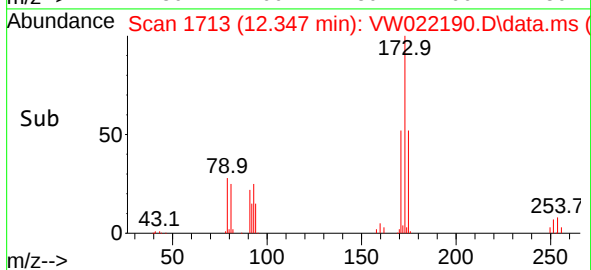
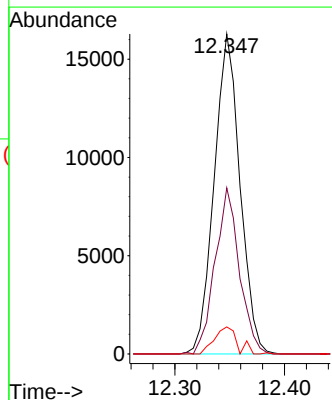
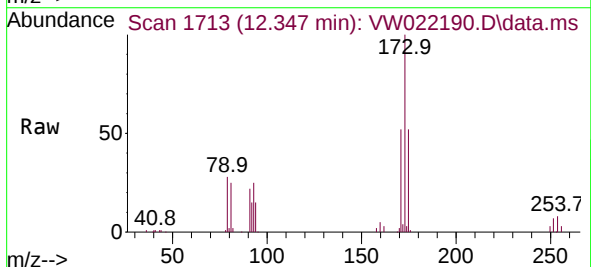
Tgt Ion: 173 Resp: 26665

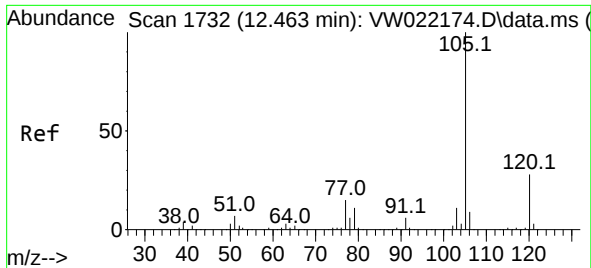
Ion Ratio Lower Upper

173 100

175 48.8 38.2 57.4

254 6.5 5.0 7.6

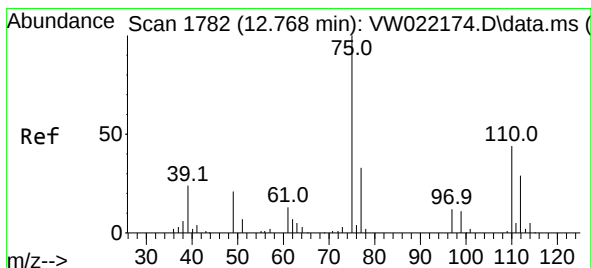
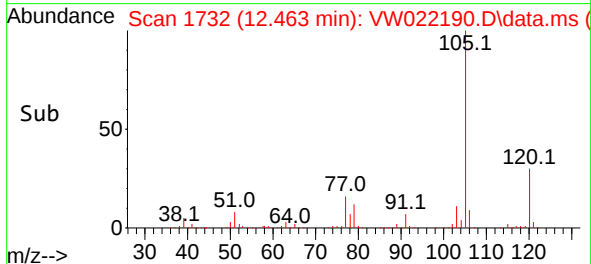
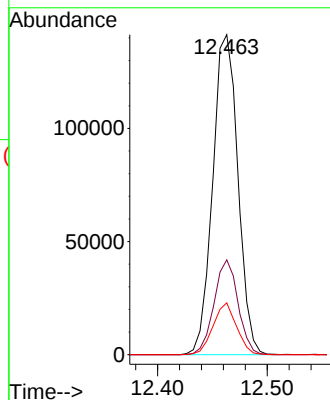
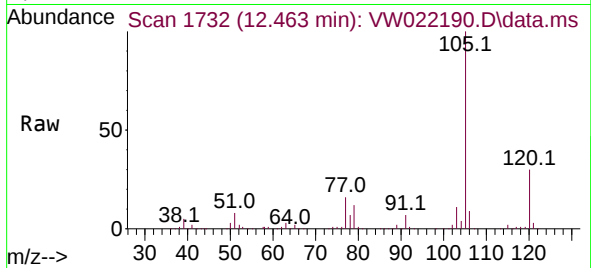




#60
Isopropylbenzene
Concen: 26.241 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

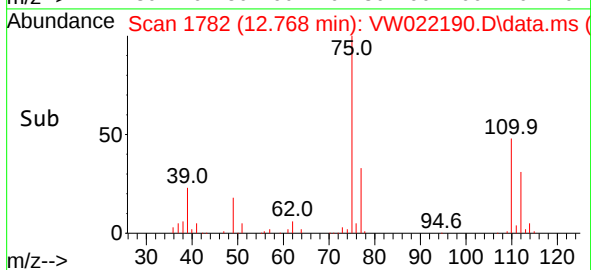
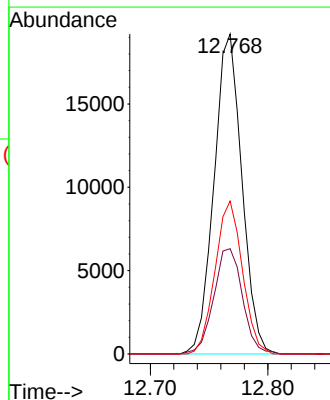
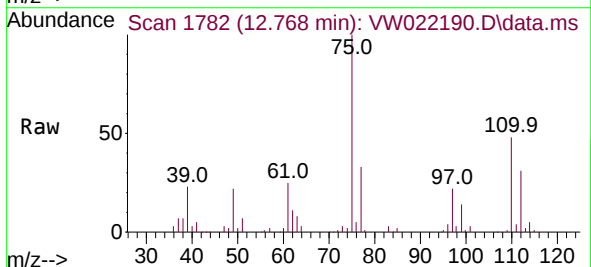
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

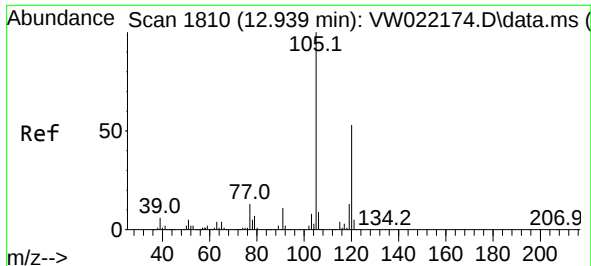
Tgt Ion:105 Resp: 226266
Ion Ratio Lower Upper
105 100
120 28.2 22.1 33.1
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 27.901 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion: 75 Resp: 31631
Ion Ratio Lower Upper
75 100
77 33.9 27.1 40.7
110 47.0 36.7 55.1

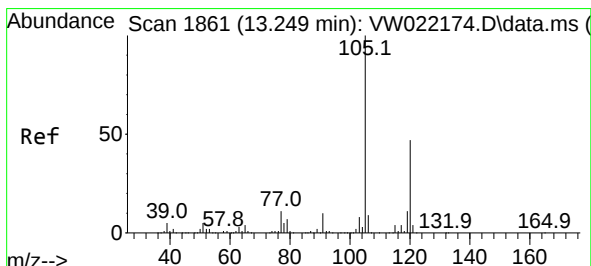
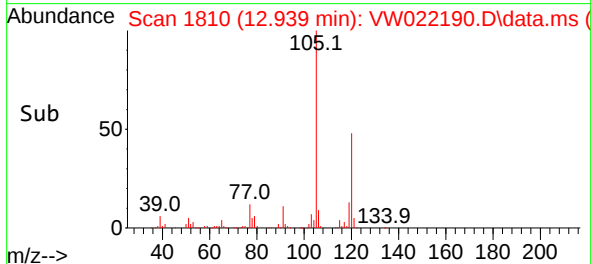
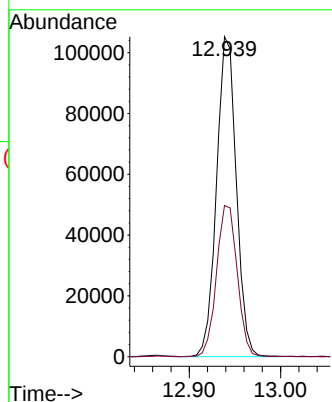
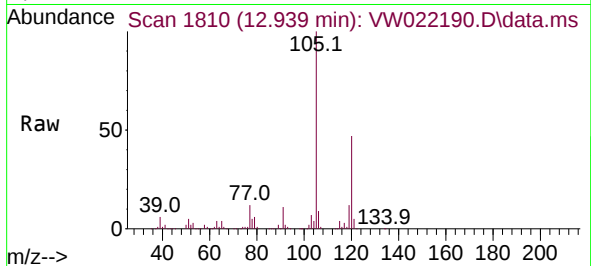




#62
1,3,5-Trimethylbenzene
Concen: 27.654 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

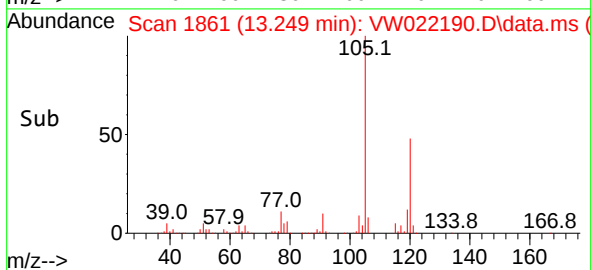
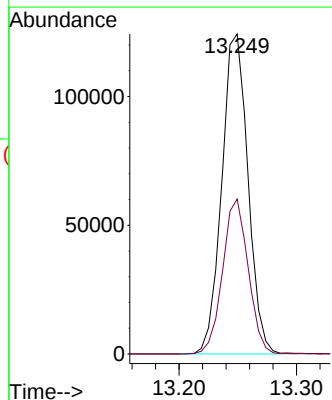
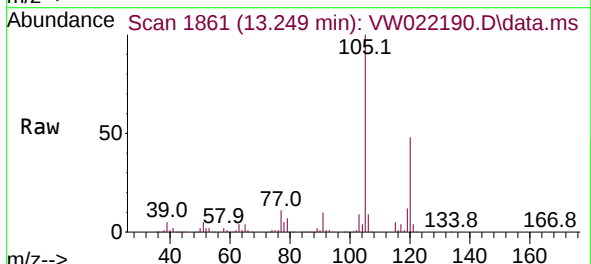
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

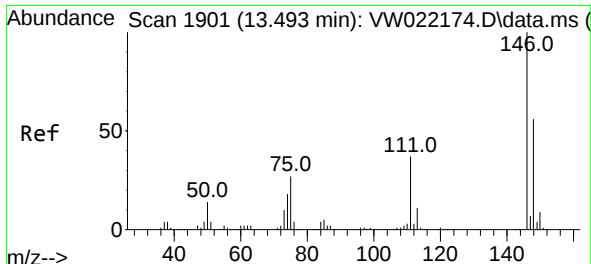
Tgt Ion:105 Resp: 158559
Ion Ratio Lower Upper
105 100
120 49.4 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 27.470 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion:105 Resp: 192485
Ion Ratio Lower Upper
105 100
120 47.3 39.2 58.8

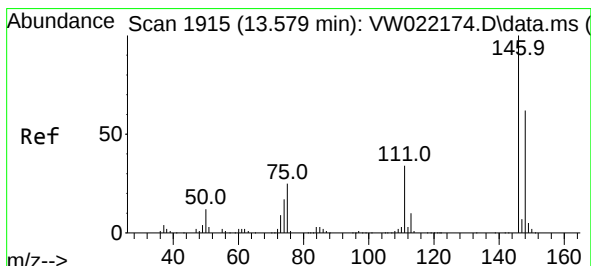
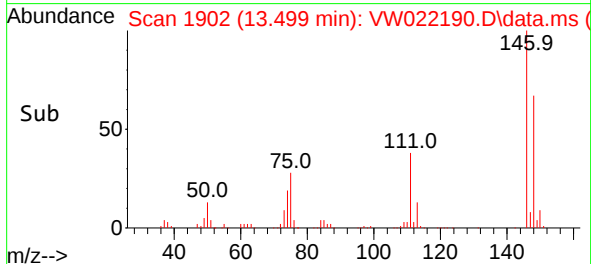
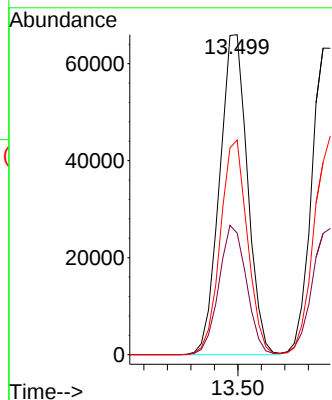
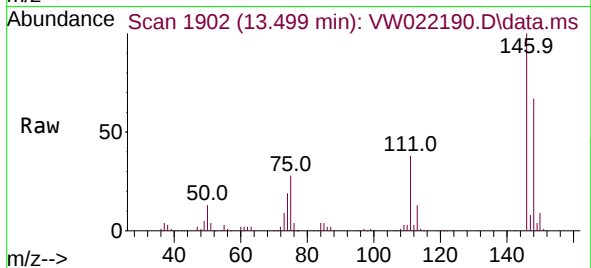




#64
1,3-Dichlorobenzene
Concen: 25.512 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

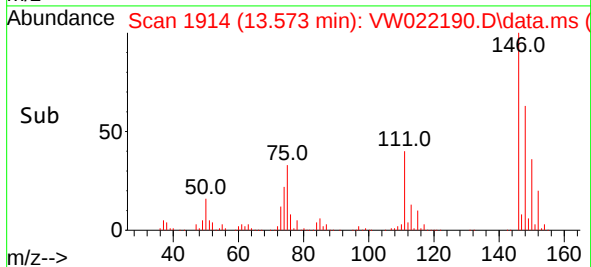
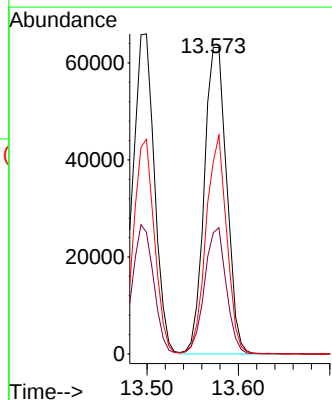
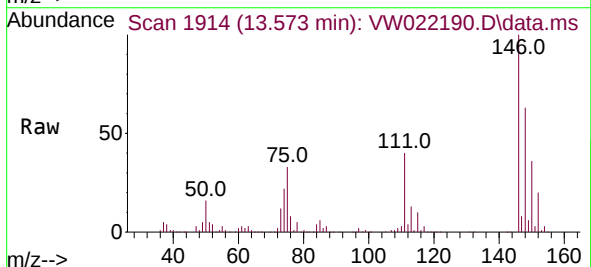
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

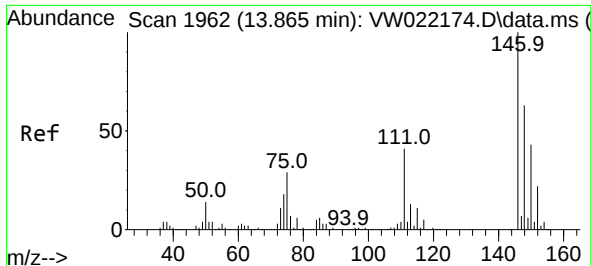
Tgt Ion:146 Resp: 109125
Ion Ratio Lower Upper
146 100
111 38.0 26.9 49.9
148 67.1 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 25.163 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion:146 Resp: 107859
Ion Ratio Lower Upper
146 100
111 39.5 27.5 51.1
148 62.7 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 26.719 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

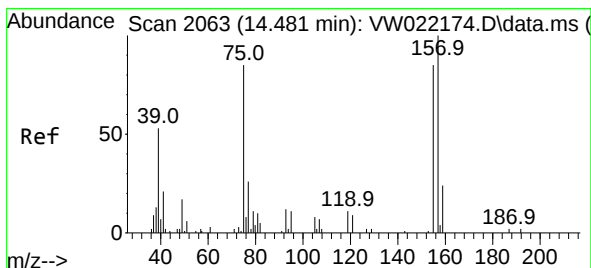
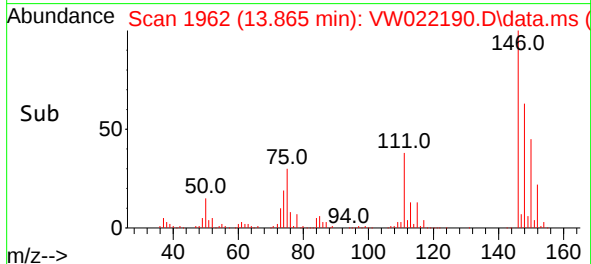
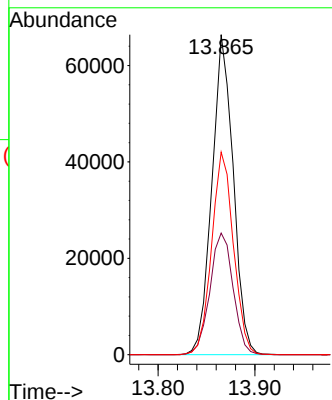
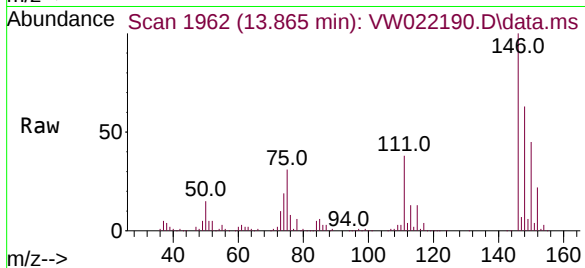
Tgt Ion:146 Resp: 101610

Ion Ratio Lower Upper

146 100

111 38.0 34.8 52.2

148 63.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 29.262 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

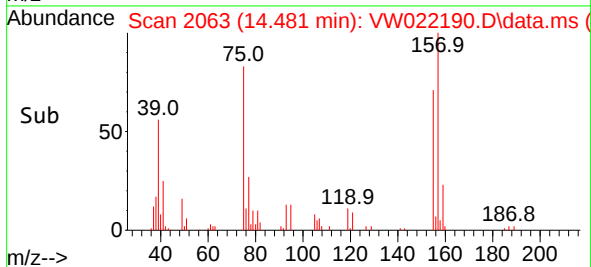
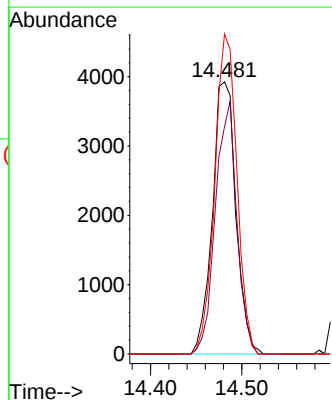
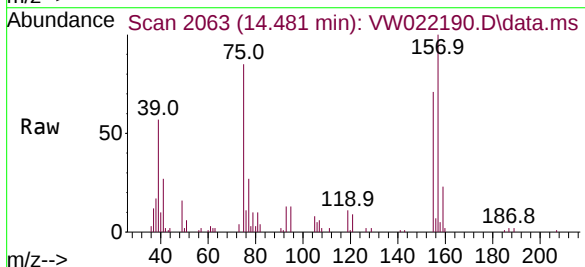
Tgt Ion: 75 Resp: 7013

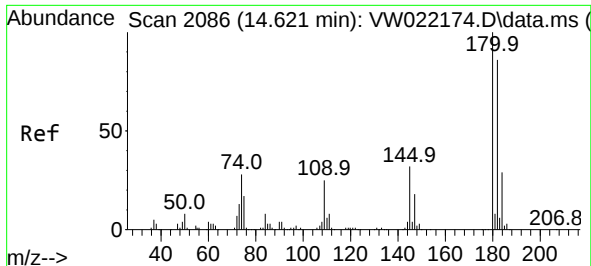
Ion Ratio Lower Upper

75 100

155 83.5 58.2 87.2

157 117.6 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 25.352 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

Tgt Ion:180 Resp: 77833

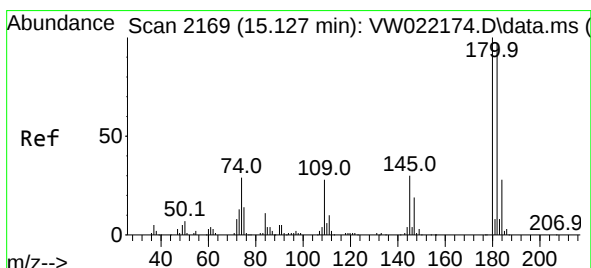
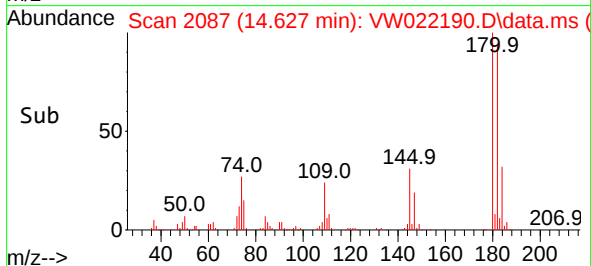
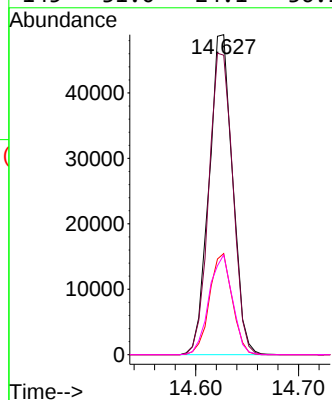
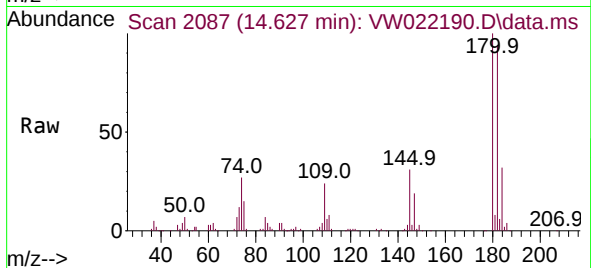
Ion Ratio Lower Upper

180 100

182 95.8 69.4 104.0

184 30.5 21.8 32.8

145 31.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 26.772 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022190.D

Acq: 07 Mar 2022 10:05

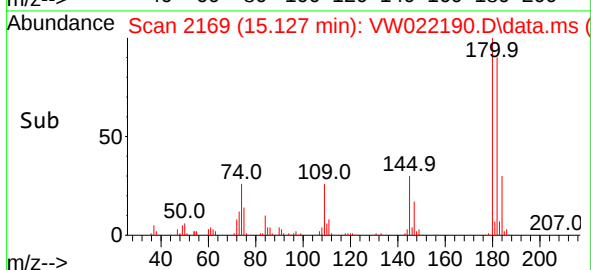
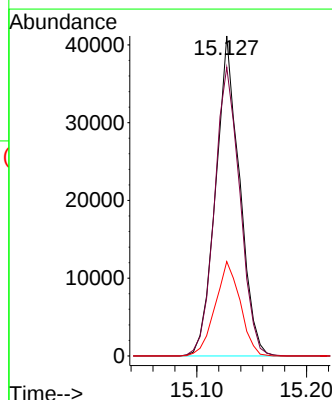
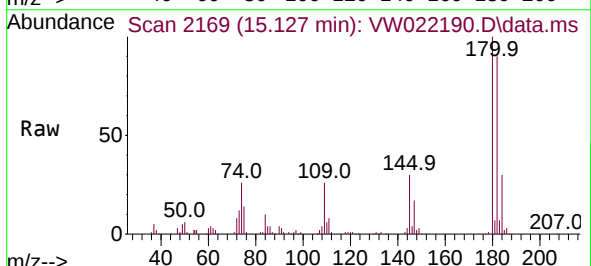
Tgt Ion:180 Resp: 62189

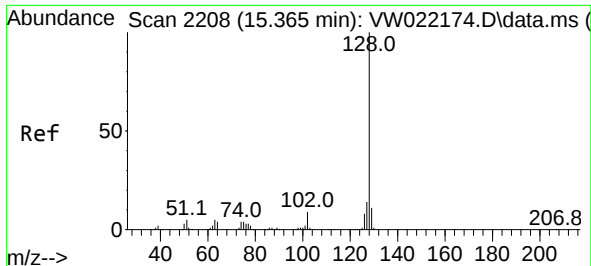
Ion Ratio Lower Upper

180 100

182 95.9 77.8 116.6

145 30.9 25.8 38.6

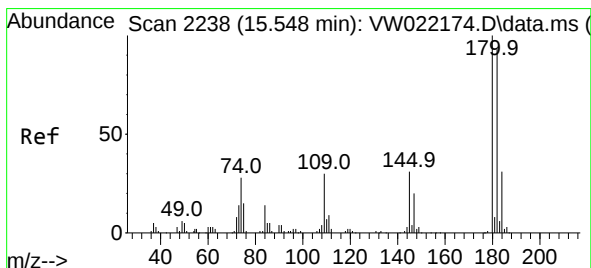
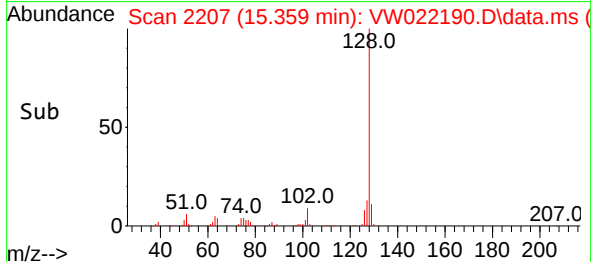
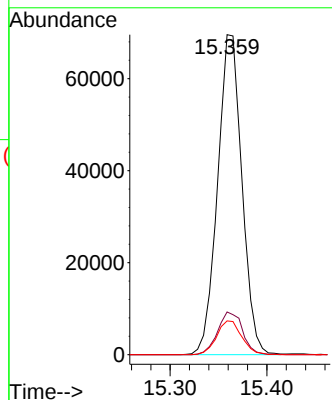
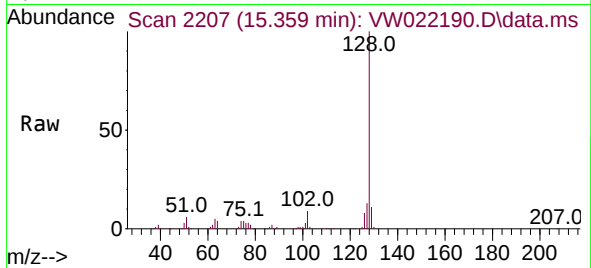




#71
Naphthalene
Concen: 29.642 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

Tgt Ion:128 Resp: 121555
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.6
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.730 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022190.D
Acq: 07 Mar 2022 10:05

Tgt Ion:180 Resp: 53707
Ion Ratio Lower Upper
180 100
182 94.5 79.0 118.4
145 33.6 28.0 42.0

