

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
 Data File : VW024625.D
 Acq On : 22 Sep 2022 10:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Sep 23 00:38:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:52:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	370770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	381666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	229763	27.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.640%	
7) Chloroethane-d5	2.873	69	185650	25.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.920%	
11) 1,1-Dichloroethene-d2	4.013	63	228562	24.360	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.440%	
21) 2-Butanone-d5	7.086	46	51317	44.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.580%	
24) Chloroform-d	7.647	84	262437	24.889	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.560%	
26) 1,2-Dichloroethane-d4	8.299	65	152734	26.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.080%	
32) Benzene-d6	8.275	84	534538	24.980	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 99.920%	
36) 1,2-Dichloropropane-d6	9.274	67	150040	24.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.760%	
41) Toluene-d8	10.323	98	542979	26.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.320%	
43) trans-1,3-Dichloroprop...	10.573	79	69033	25.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.720%	
47) 2-Hexanone-d5	10.921	63	46831	47.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.520%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	134328	25.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.360%	
66) 1,2-Dichlorobenzene-d4	13.847	152	189452	25.463	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	31956	18.967	ug/L	97
3) Chloromethane	2.209	50	181111	27.428	ug/L	98
5) Vinyl chloride	2.355	62	269883	28.996	ug/L	97
6) Bromomethane	2.776	94	234234	28.333	ug/L	97
8) Chloroethane	2.916	64	150708	26.212	ug/L	99
9) Trichlorofluoromethane	3.251	101	94843	26.049	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	122280	23.158	ug/L #	78
12) 1,1-Dichloroethene	4.032	96	111671	24.019	ug/L	85
13) Acetone	4.141	43	34600	39.916	ug/L	98
14) Carbon disulfide	4.379	76	361289	24.930	ug/L	96
15) Methyl Acetate	4.678	43	46872	23.198	ug/L	92
16) Methylene chloride	4.909	84	140591	22.409	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	137746	25.576	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	215275	25.605	ug/L	98
19) 1,1-Dichloroethane	6.208	63	237269	26.713	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	145846	26.564	ug/L #	99
22) 2-Butanone	7.177	43	64897	49.618	ug/L	93
23) Bromochloromethane	7.513	128	64844	24.860	ug/L	95
25) Chloroform	7.671	83	262284	26.805	ug/L	96

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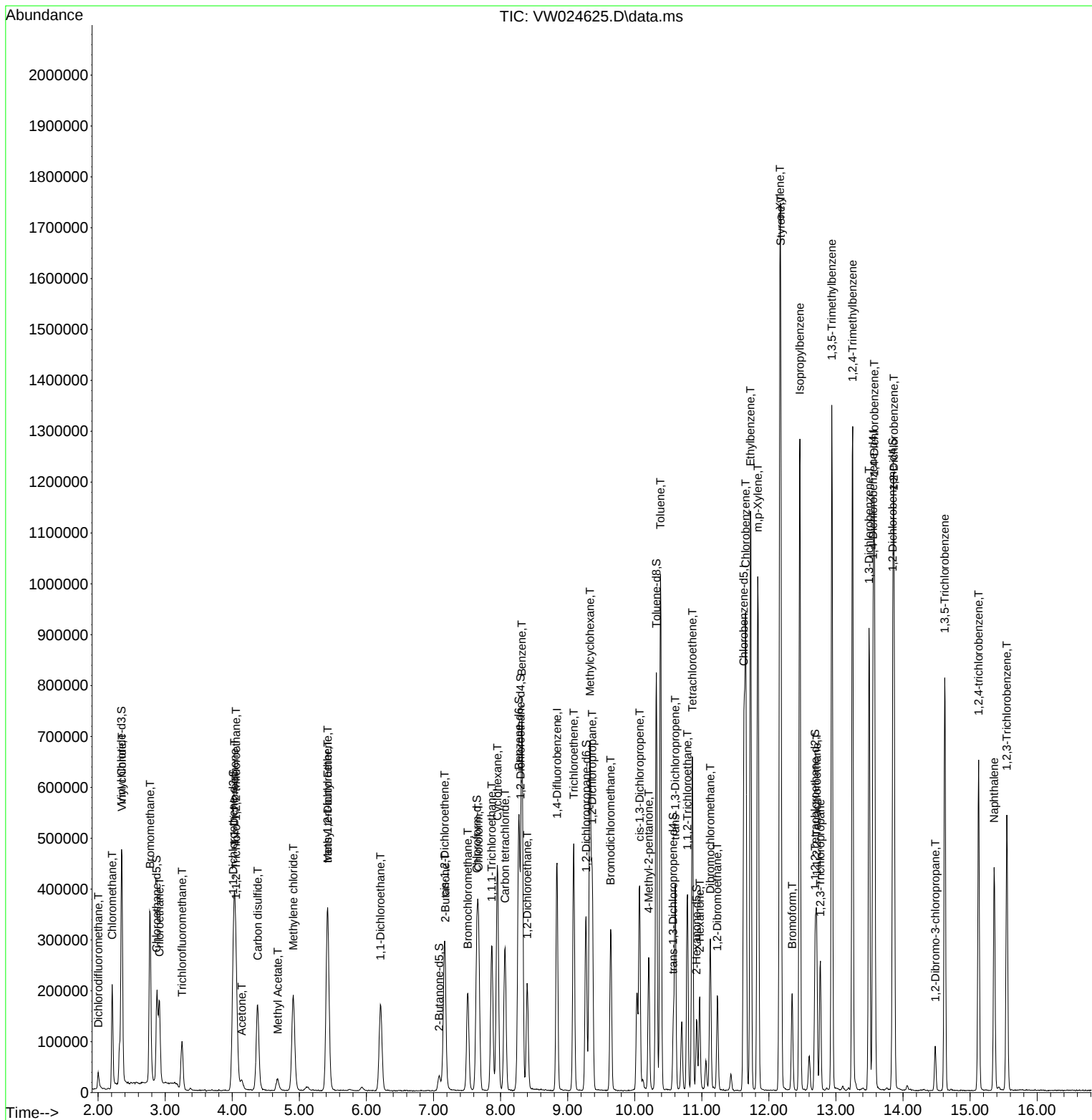
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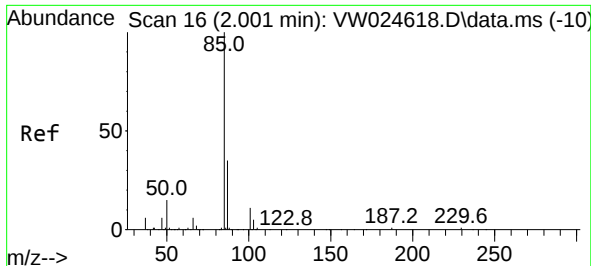
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	182947	28.185	ug/L	96
29) Cyclohexane	7.952	56	227887	26.717	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	219688	24.781	ug/L	98
31) Carbon tetrachloride	8.067	117	203648	24.143	ug/L	98
33) Benzene	8.317	78	614752	27.040	ug/L	100
34) Trichloroethene	9.092	95	159927	25.958	ug/L	97
35) Methylcyclohexane	9.335	83	283581	27.586	ug/L	100
37) 1,2-Dichloropropane	9.366	63	145897	27.322	ug/L	99
38) Bromodichloromethane	9.640	83	204344	26.896	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	230014	27.617	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	161050	52.512	ug/L	98
42) Toluene	10.384	91	730925	28.638	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	210573	28.465	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	117667	26.478	ug/L	95
46) Tetrachloroethene	10.860	164	132375	27.307	ug/L	97
48) 2-Hexanone	10.969	43	109301	51.940	ug/L	99
49) Dibromochloromethane	11.128	129	147701	27.497	ug/L	100
50) 1,2-Dibromoethane	11.231	107	114596	26.429	ug/L	98
51) Chlorobenzene	11.652	112	468849	27.855	ug/L	97
52) Ethylbenzene	11.725	91	789336	28.155	ug/L	98
53) m,p-Xylene	11.835	106	322718	28.987	ug/L	96
54) o-Xylene	12.164	106	309026	29.588	ug/L	97
55) Styrene	12.176	104	532180	29.624	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	142273	26.762	ug/L	97
59) Bromoform	12.347	173	81906	26.982	ug/L	100
60) Isopropylbenzene	12.463	105	829058	28.426	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100773	25.996	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	697621	29.442	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	700275	29.537	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	361914	27.516	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	371431	27.453	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	330243	27.192	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	20477	22.685	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.621	180	234136	27.080	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	182312	26.356	ug/L	95
71) Naphthalene	15.359	128	366413	26.494	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	164564	26.180	ug/L	99

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

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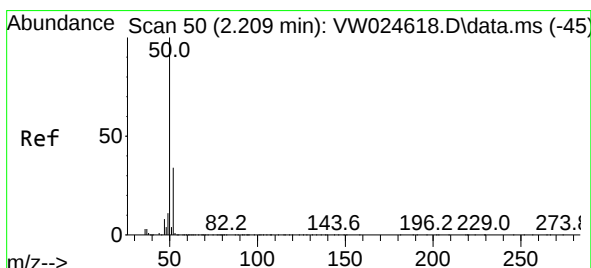
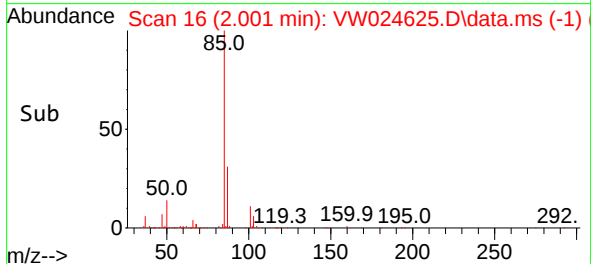
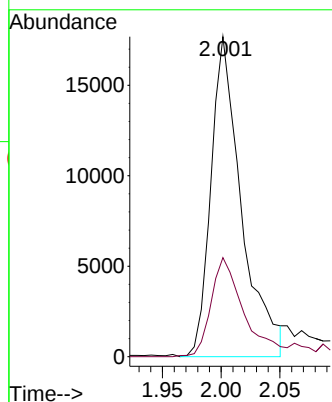
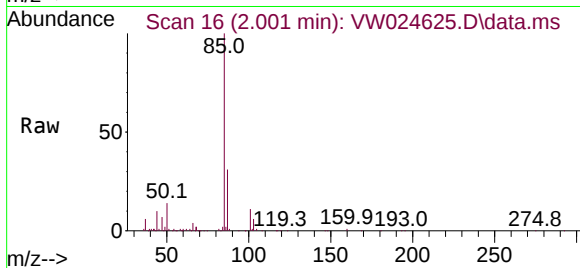




#2
 Dichlorodifluoromethane
 Concen: 18.967 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024625.D
 Acq: 22 Sep 2022 10:01

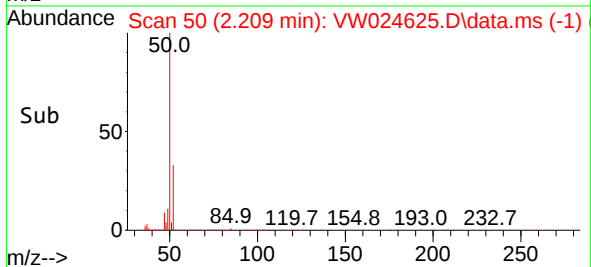
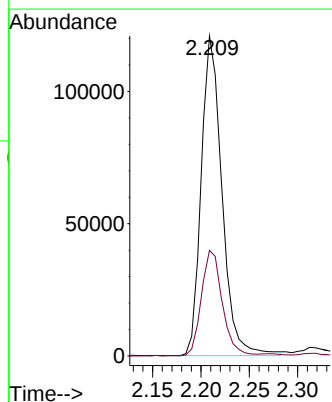
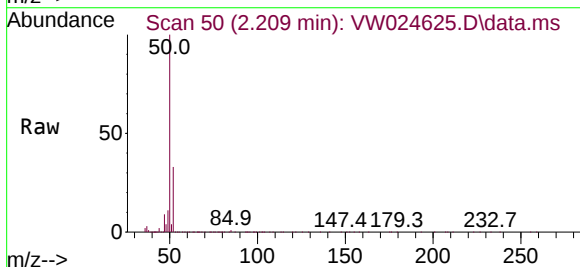
Instrument :
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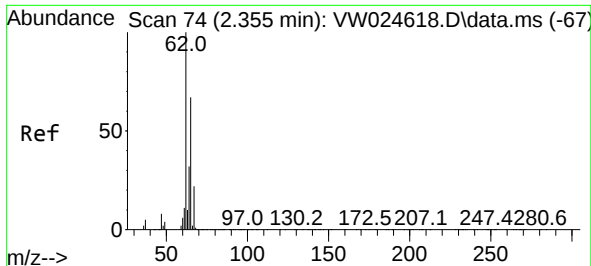
Tgt Ion: 85 Resp: 31956
 Ion Ratio Lower Upper
 85 100
 87 33.4 27.9 41.9



#3
 Chloromethane
 Concen: 27.428 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024625.D
 Acq: 22 Sep 2022 10:01

Tgt Ion: 50 Resp: 181111
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.9 44.3

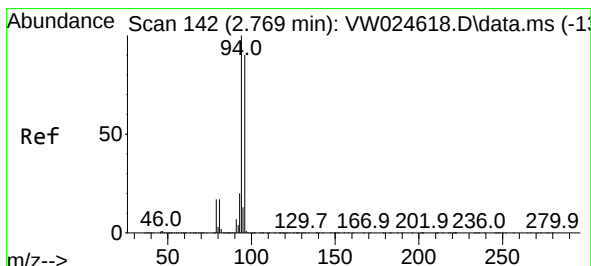
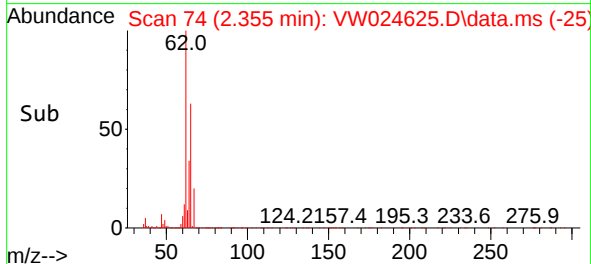
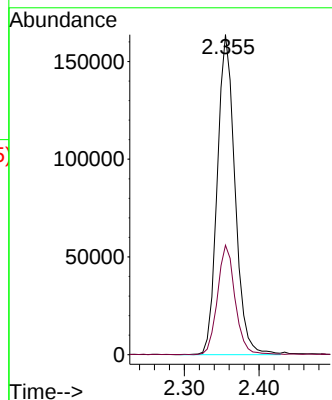
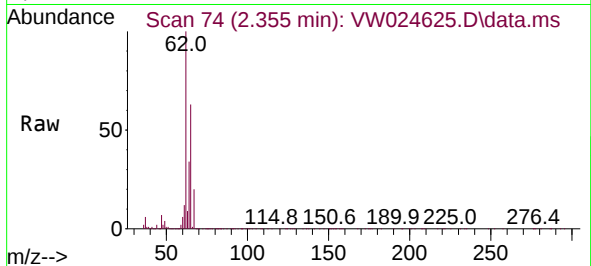




#5
 Vinyl chloride
 Concen: 28.996 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024625.D
 Acq: 22 Sep 2022 10:01

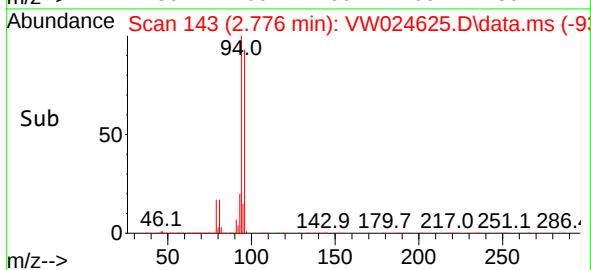
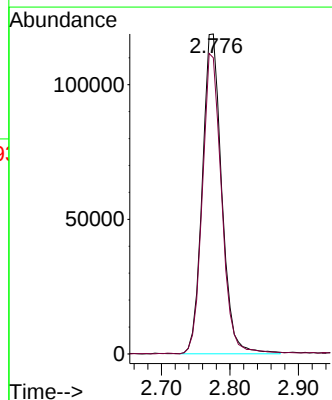
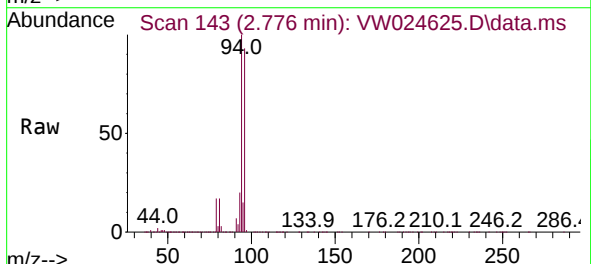
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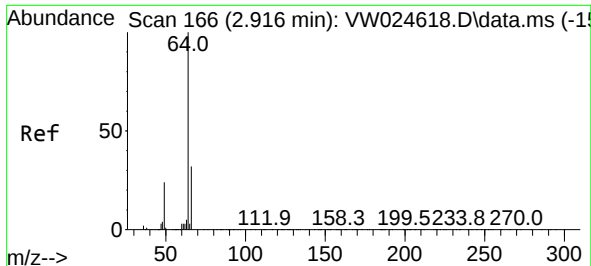
Tgt Ion: 62 Resp: 269883
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.1



#6
 Bromomethane
 Concen: 28.333 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW024625.D
 Acq: 22 Sep 2022 10:01

Tgt Ion: 94 Resp: 234234
 Ion Ratio Lower Upper
 94 100
 96 92.5 63.0 117.0

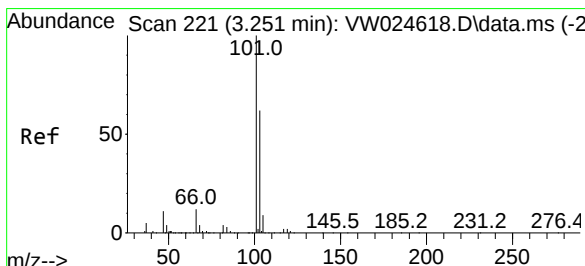
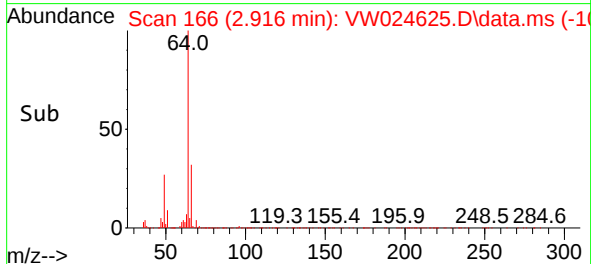
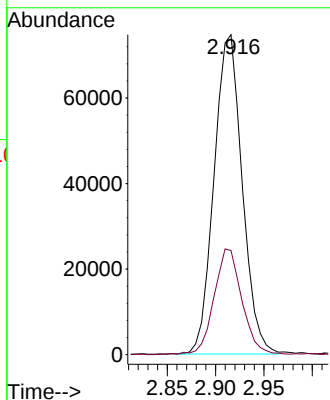
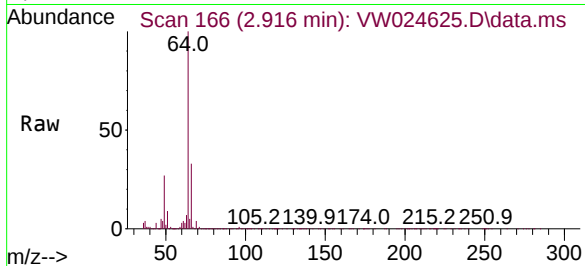




#8
Chloroethane
Concen: 26.212 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

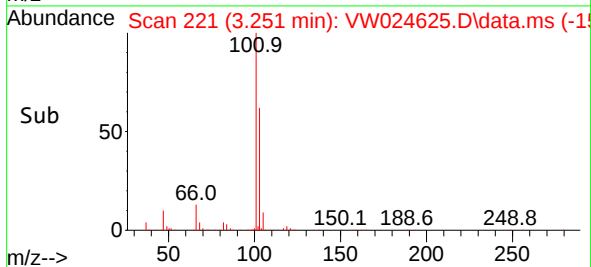
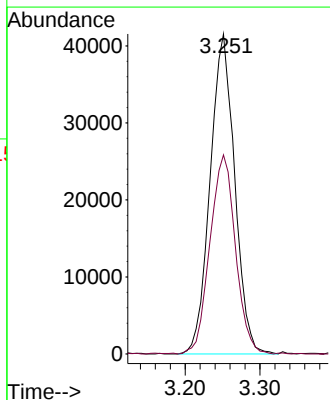
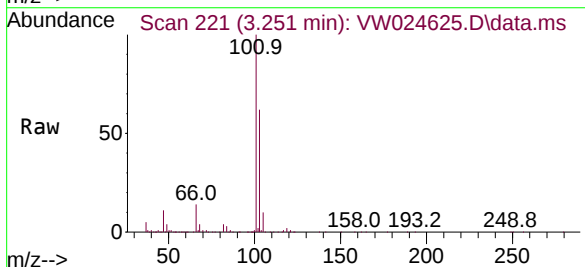
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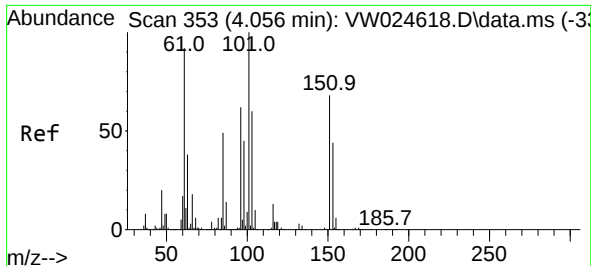
Tgt Ion: 64 Resp: 150708
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 26.049 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 101 Resp: 94843
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

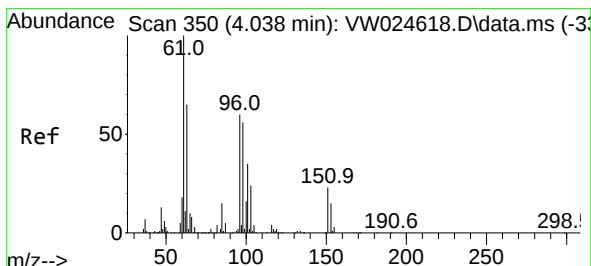
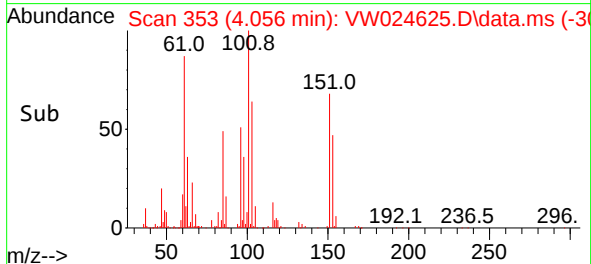
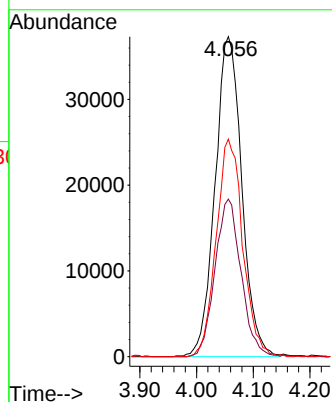
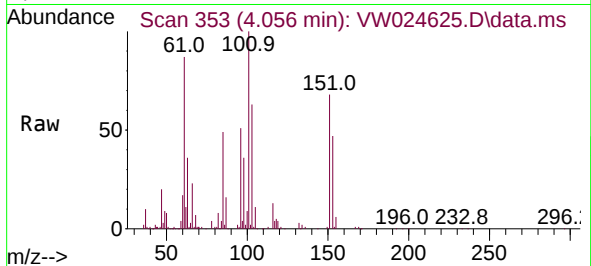




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.158 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW024625.D
 Acq: 22 Sep 2022 10:01

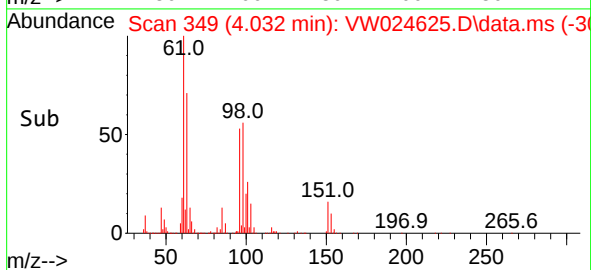
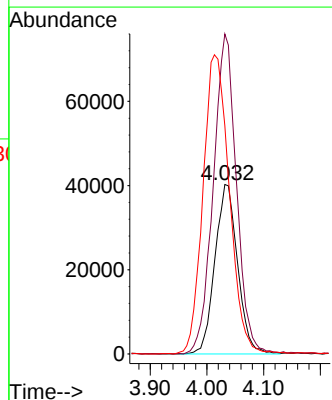
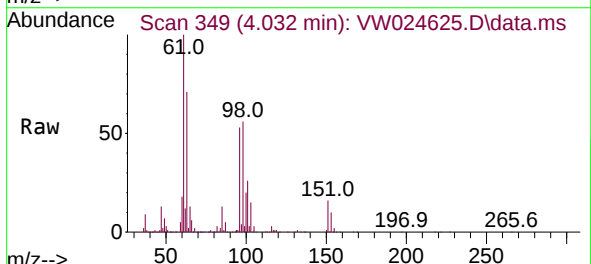
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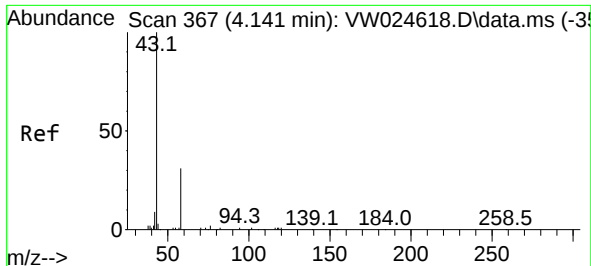
Tgt Ion:101 Resp: 122280
 Ion Ratio Lower Upper
 101 100
 85 47.9 37.4 56.0
 151 67.3 31.5 47.3#



#12
 1,1-Dichloroethene
 Concen: 24.019 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW024625.D
 Acq: 22 Sep 2022 10:01

Tgt Ion: 96 Resp: 111671
 Ion Ratio Lower Upper
 96 100
 61 188.8 118.4 220.0
 63 134.8 82.4 153.0

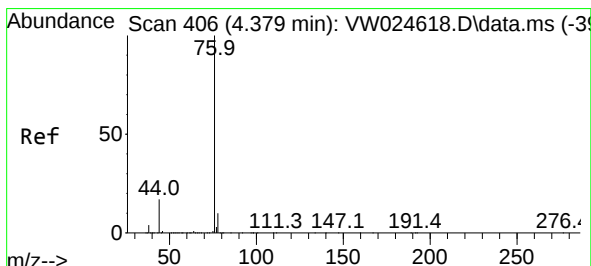
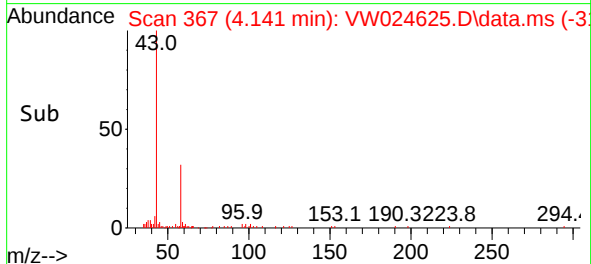
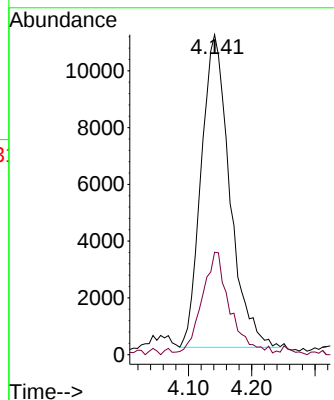
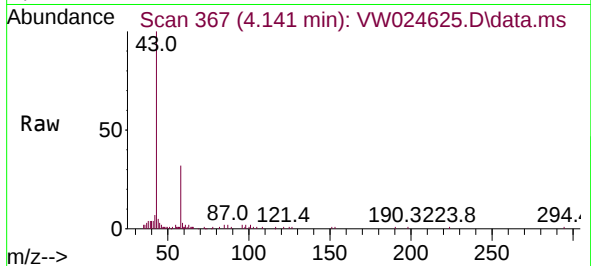




#13
Acetone
Concen: 39.916 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

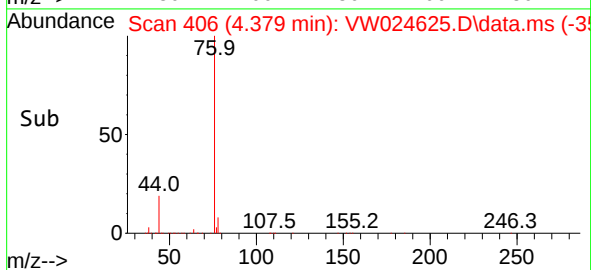
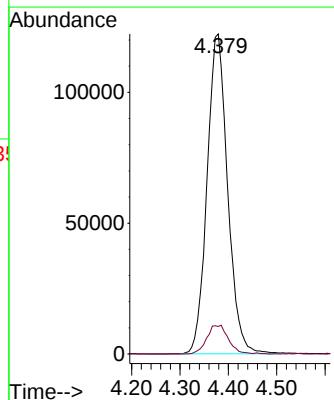
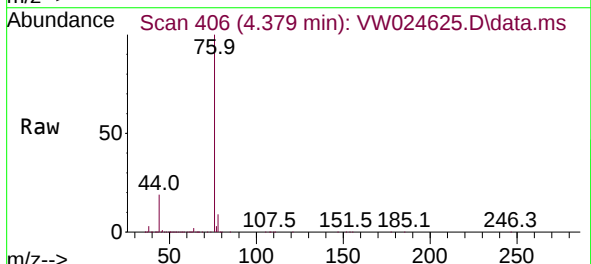
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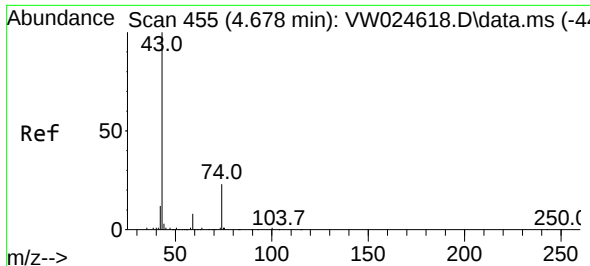
Tgt Ion: 43 Resp: 34600
Ion Ratio Lower Upper
43 100
58 32.1 0.0 62.2



#14
Carbon disulfide
Concen: 24.930 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 76 Resp: 361289
Ion Ratio Lower Upper
76 100
78 8.6 8.2 12.2

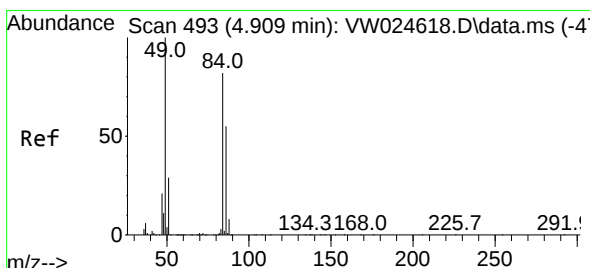
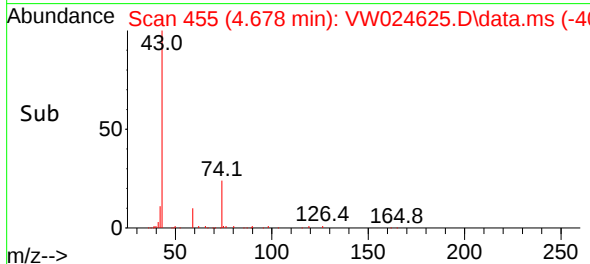
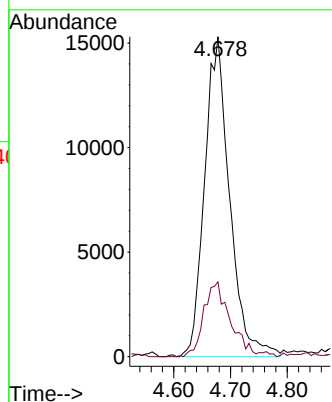
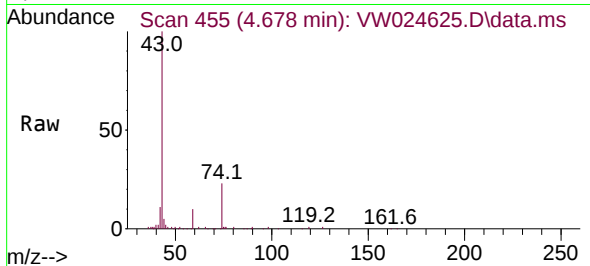




#15
Methyl Acetate
Concen: 23.198 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

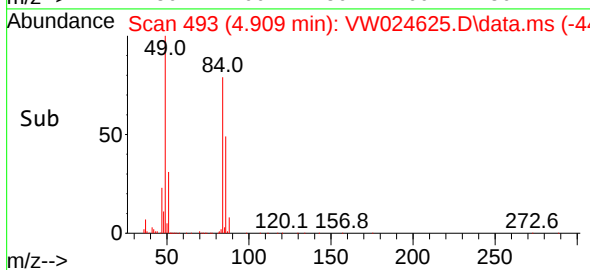
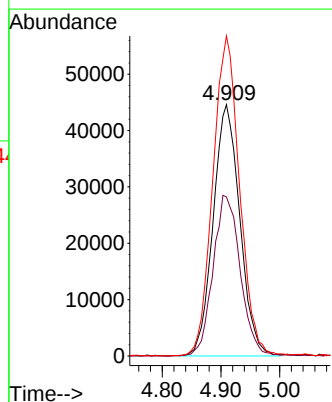
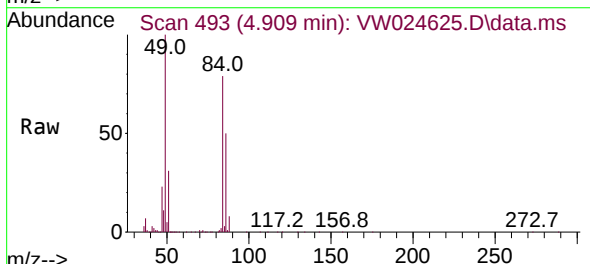
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

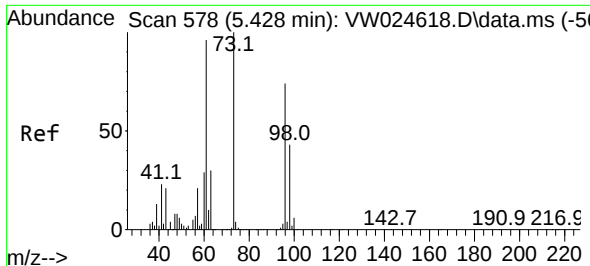
Tgt Ion: 43 Resp: 46872
Ion Ratio Lower Upper
43 100
74 21.6 20.6 31.0



#16
Methylene chloride
Concen: 22.409 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 84 Resp: 140591
Ion Ratio Lower Upper
84 100
86 63.3 46.8 87.0
49 127.3 86.0 159.8

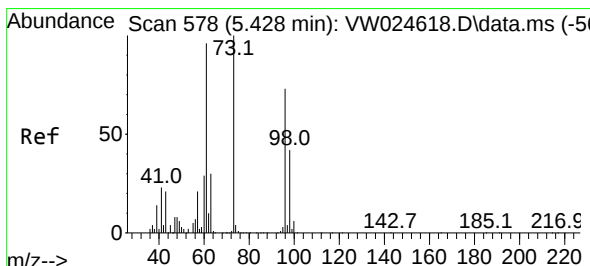
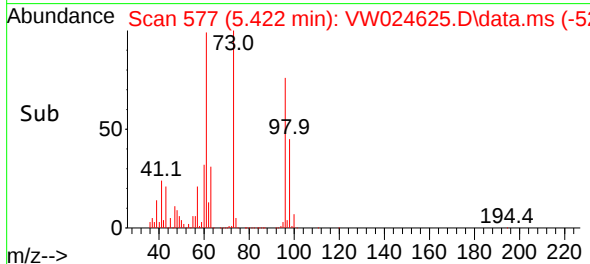
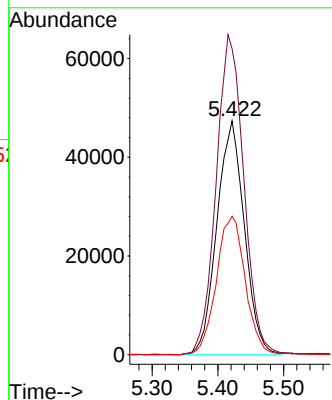
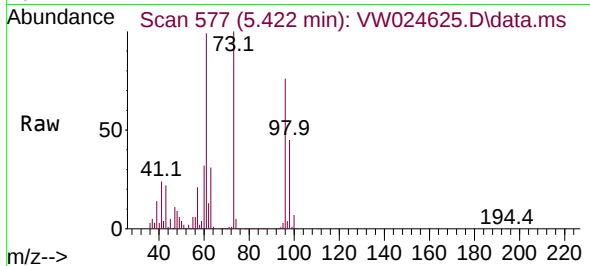




#17
trans-1,2-Dichloroethene
Concen: 25.576 ug/L
RT: 5.422 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

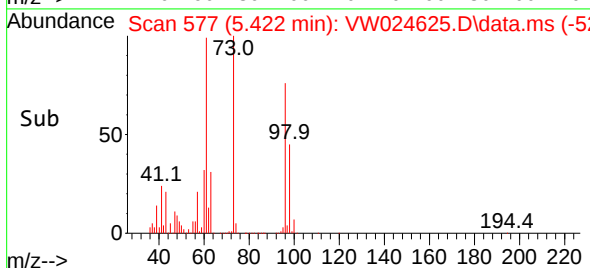
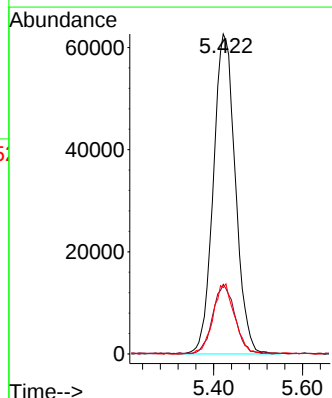
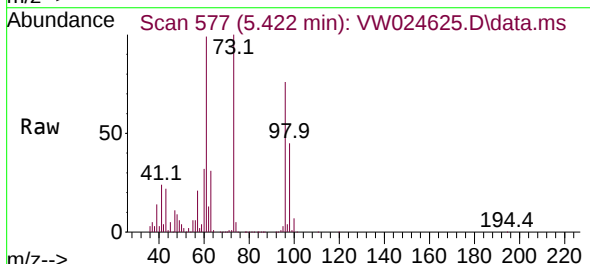
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

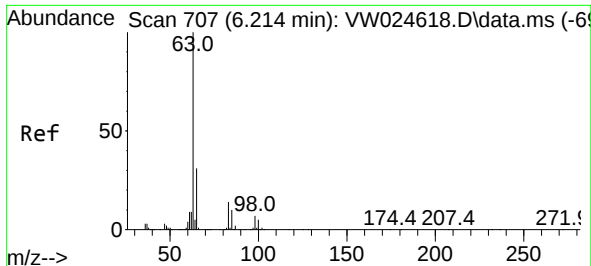
Tgt Ion: 96 Resp: 137746
Ion Ratio Lower Upper
96 100
61 131.0 91.2 169.4
98 59.2 40.5 75.1



#18
Methyl tert-butyl Ether
Concen: 25.605 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 73 Resp: 215275
Ion Ratio Lower Upper
73 100
43 21.4 16.0 24.0
57 21.4 17.0 25.6





#19

1,1-Dichloroethane

Concen: 26.713 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

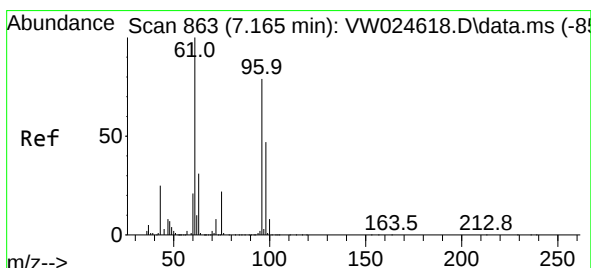
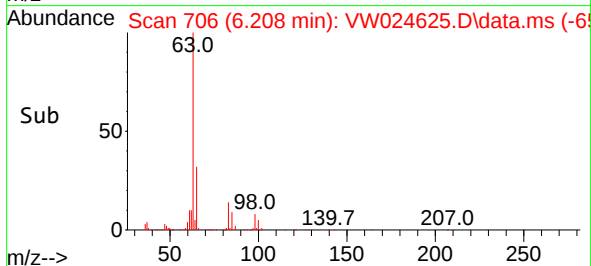
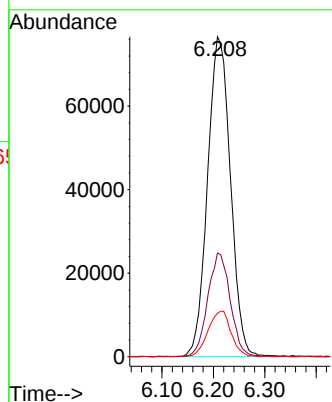
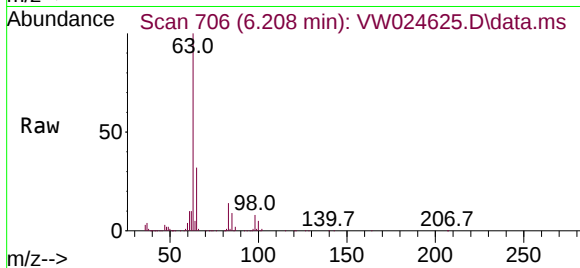
Tgt Ion: 63 Resp: 237269

Ion Ratio Lower Upper

63 100

65 32.4 21.9 40.7

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.564 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

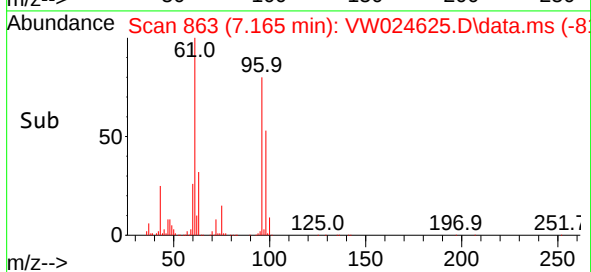
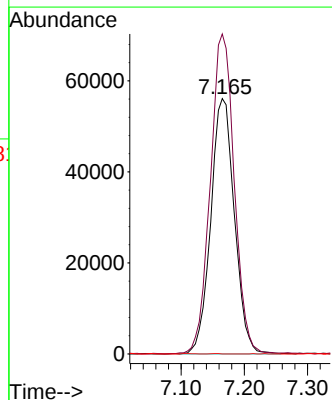
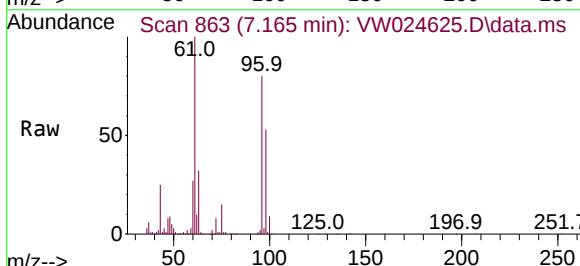
Tgt Ion: 96 Resp: 145846

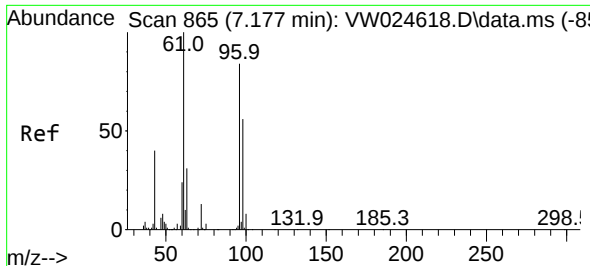
Ion Ratio Lower Upper

96 100

61 125.3 88.9 165.1

68 0.0 0.1 0.1#

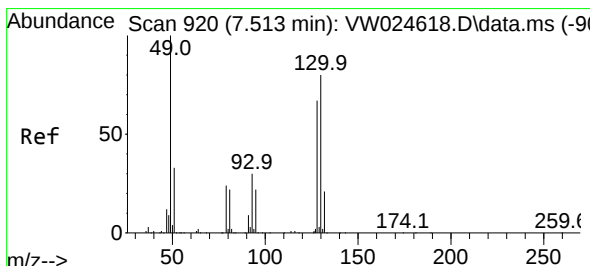
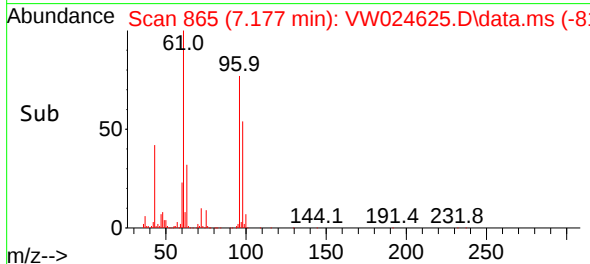
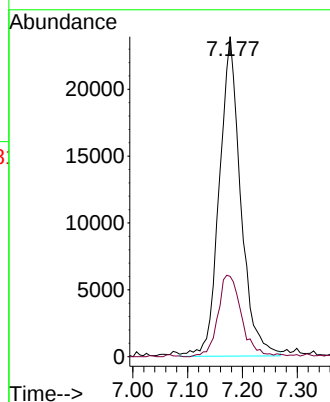
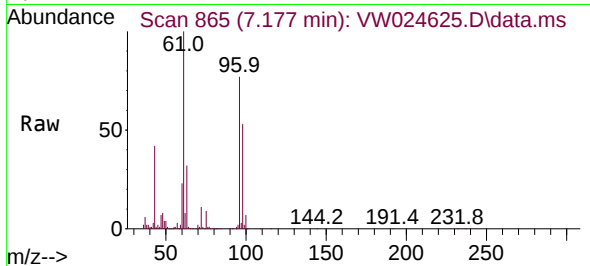




#22
2-Butanone
Concen: 49.618 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

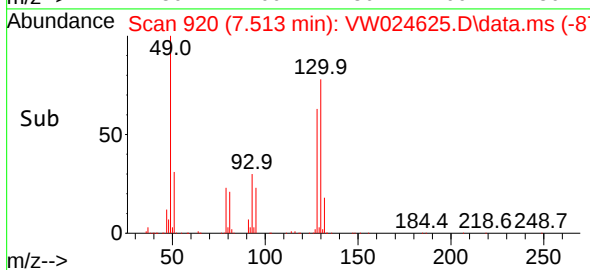
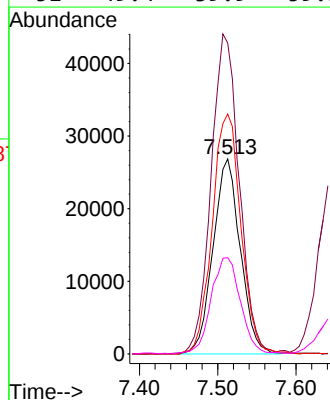
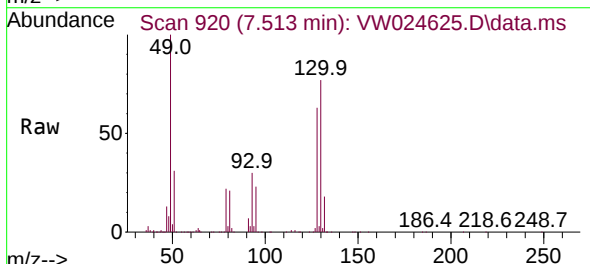
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

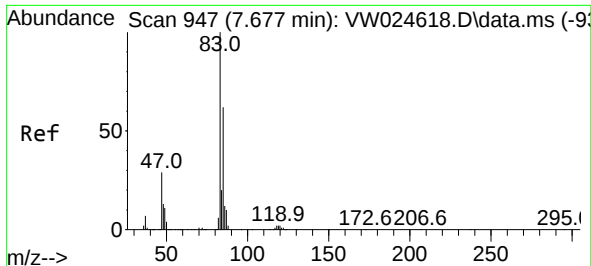
Tgt Ion: 43 Resp: 64897
Ion Ratio Lower Upper
43 100
72 27.7 15.8 47.4



#23
Bromochloromethane
Concen: 24.860 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 128 Resp: 64844
Ion Ratio Lower Upper
128 100
49 159.3 104.9 194.9
130 123.0 84.0 156.0
51 49.4 39.9 59.9

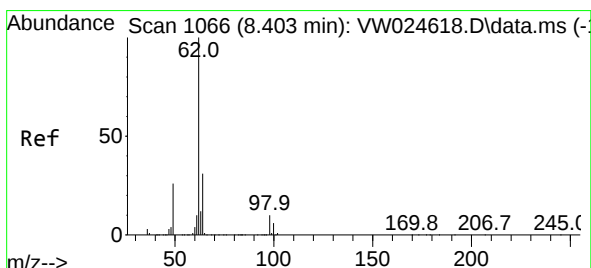
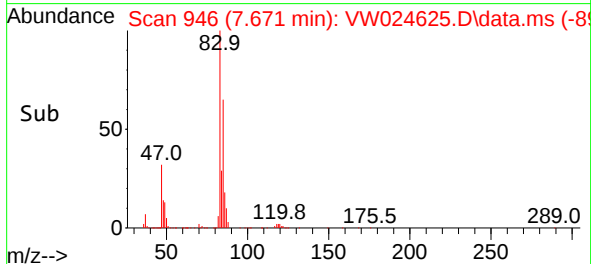
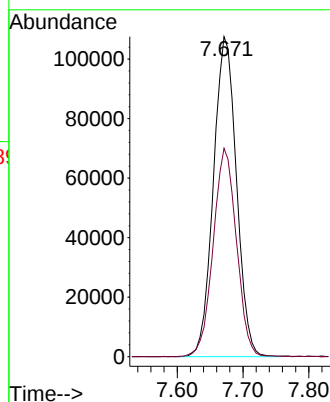
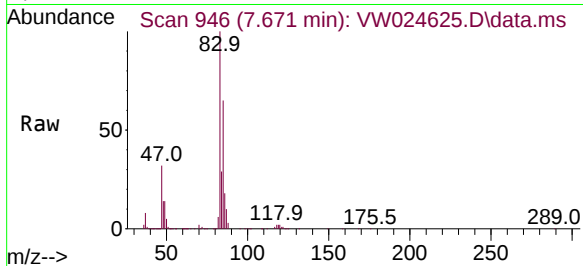




#25
Chloroform
Concen: 26.805 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

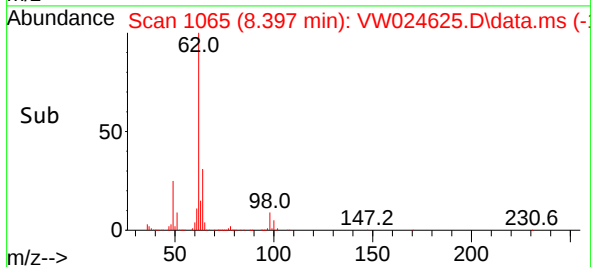
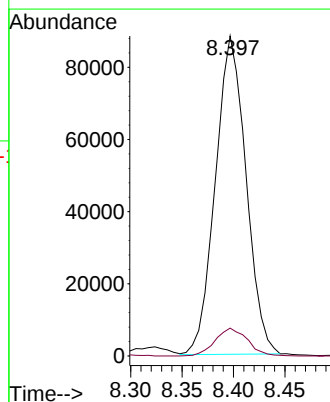
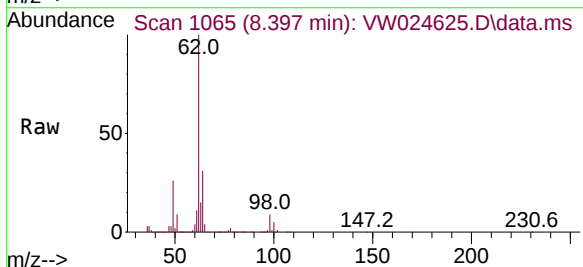
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

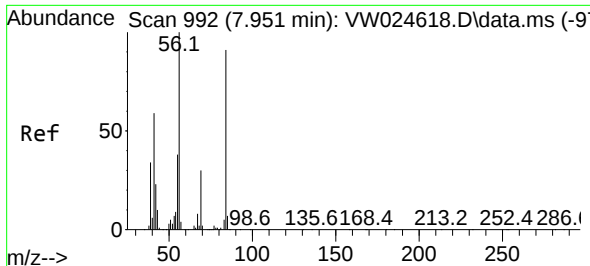
Tgt Ion: 83 Resp: 262284
Ion Ratio Lower Upper
83 100
85 65.1 43.3 80.3



#27
1,2-Dichloroethane
Concen: 28.185 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 62 Resp: 182947
Ion Ratio Lower Upper
62 100
98 8.7 8.1 12.1

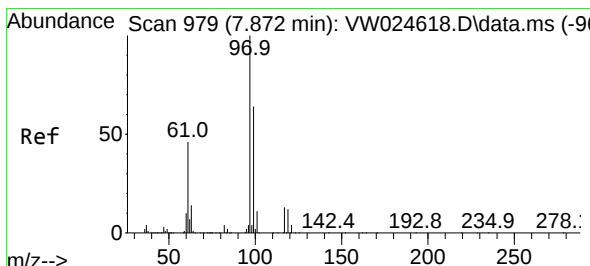
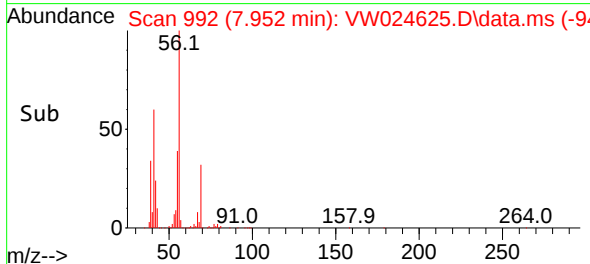
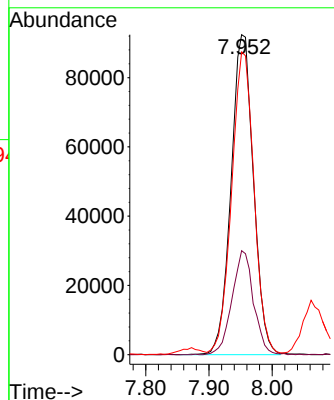
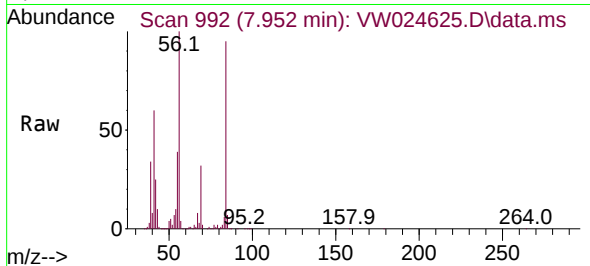




#29
Cyclohexane
Concen: 26.717 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

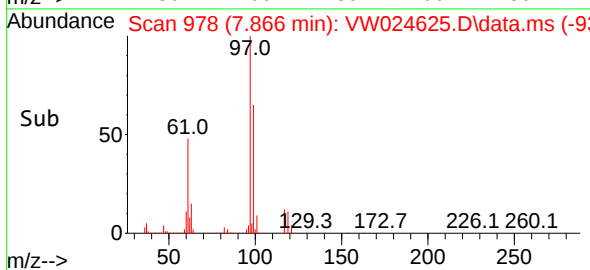
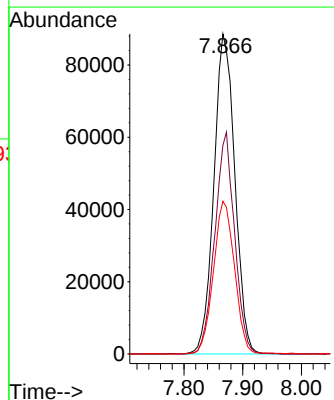
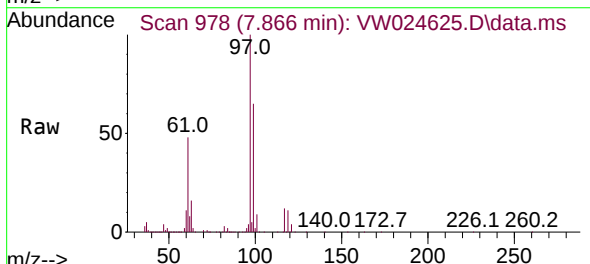
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

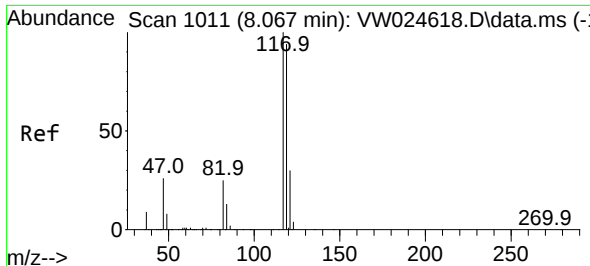
Tgt Ion: 56 Resp: 227887
Ion Ratio Lower Upper
56 100
69 31.1 25.4 38.0
84 94.5 75.4 113.2



#30
1,1,1-Trichloroethane
Concen: 24.781 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 97 Resp: 219688
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 48.0 35.8 53.6

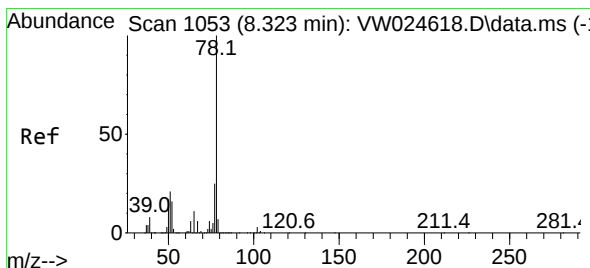
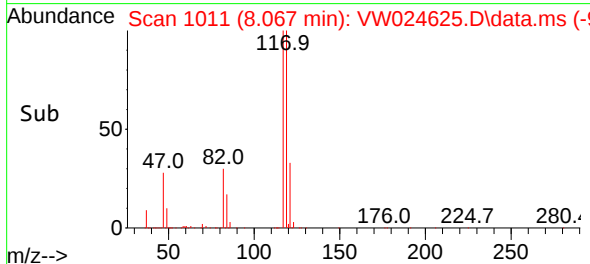
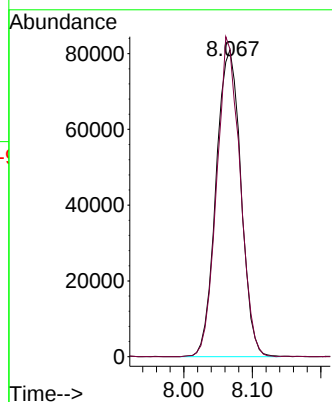
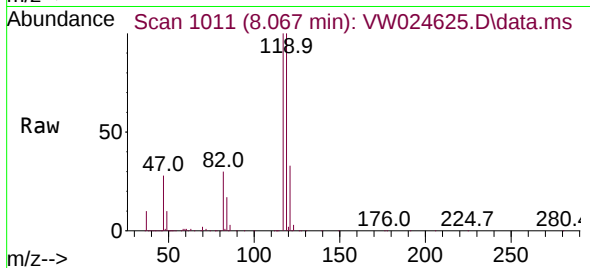




#31
Carbon tetrachloride
Concen: 24.143 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

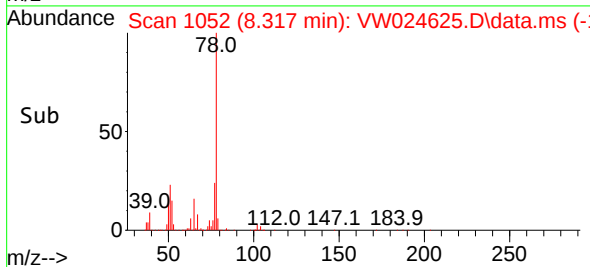
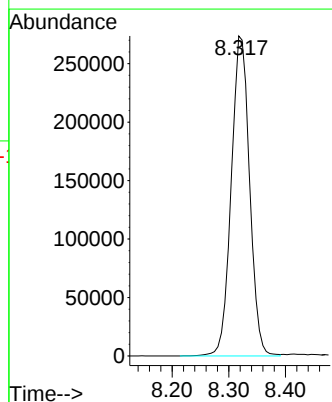
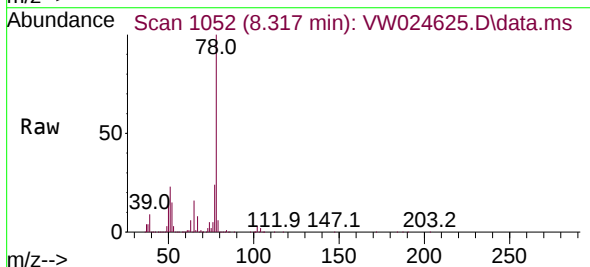
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

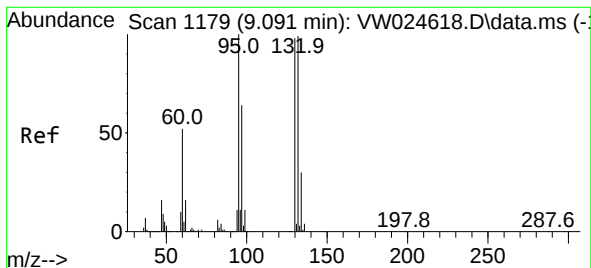
Tgt Ion:117 Resp: 203648
Ion Ratio Lower Upper
117 100
119 97.8 76.5 114.7



#33
Benzene
Concen: 27.040 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 78 Resp: 614752





#34

Trichloroethene

Concen: 25.958 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

Tgt Ion: 95 Resp: 159927

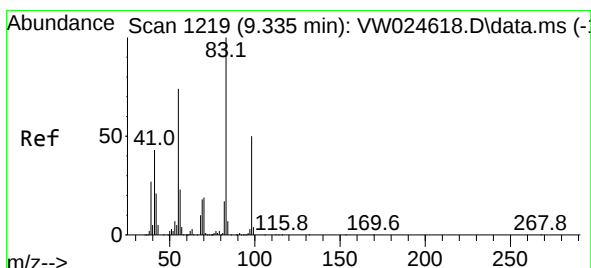
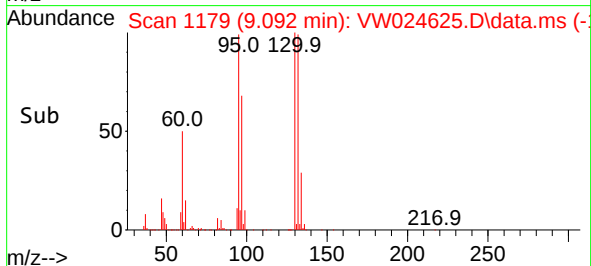
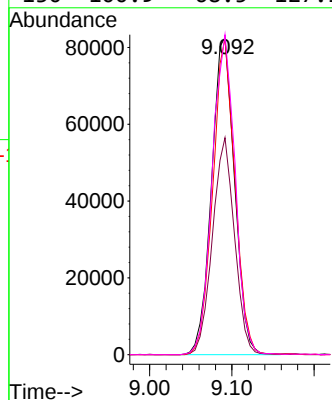
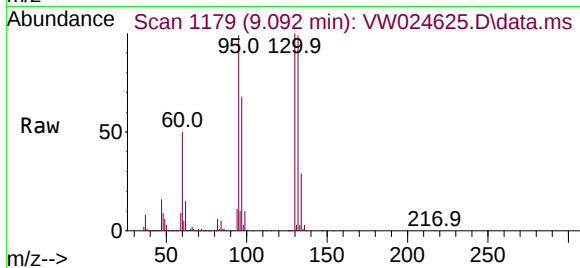
Ion Ratio Lower Upper

95 100

97 68.4 45.1 83.7

132 99.8 69.1 128.3

130 100.9 68.5 127.1



#35

Methylcyclohexane

Concen: 27.586 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

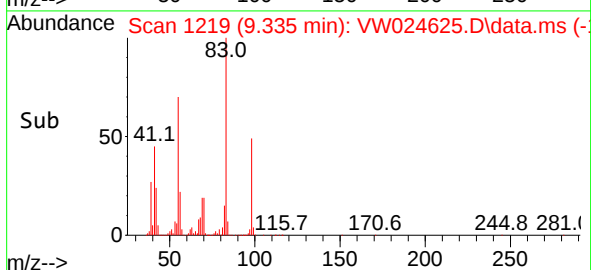
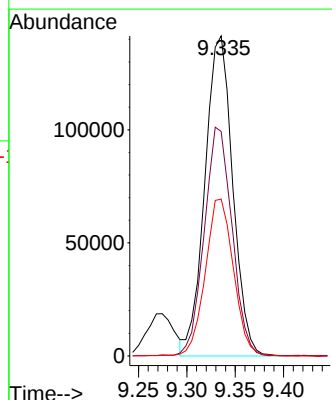
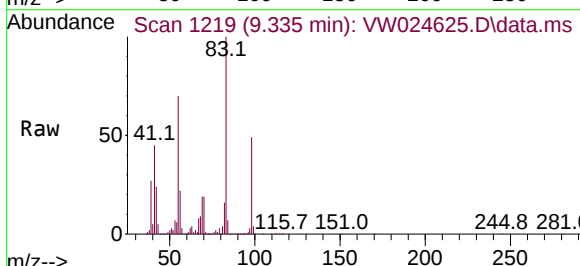
Tgt Ion: 83 Resp: 283581

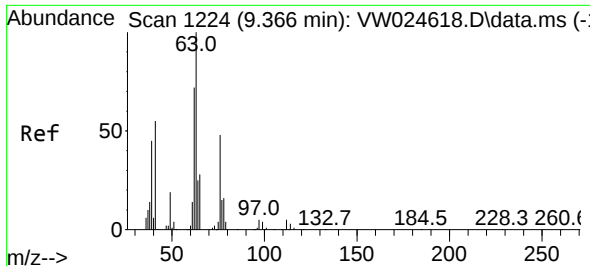
Ion Ratio Lower Upper

83 100

55 71.2 57.0 85.4

98 49.6 39.4 59.0





#37

1,2-Dichloropropane

Concen: 27.322 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

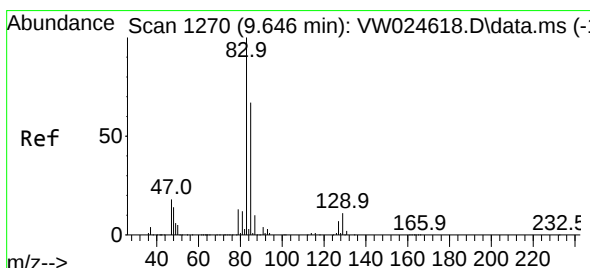
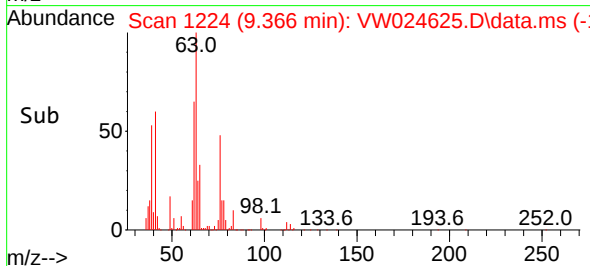
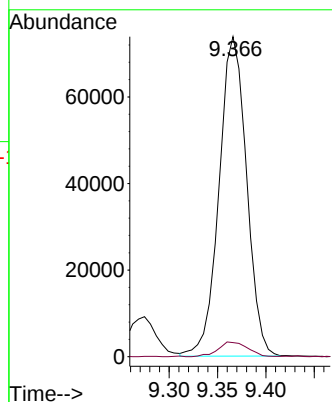
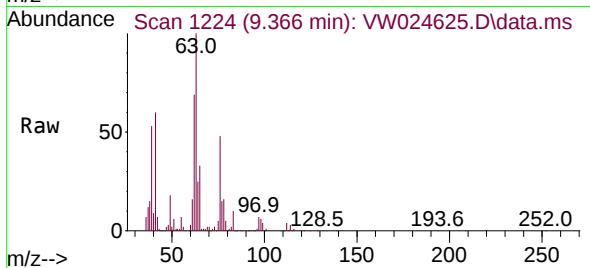
VSTD025572

Tgt Ion: 63 Resp: 145897

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5



#38

Bromodichloromethane

Concen: 26.896 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

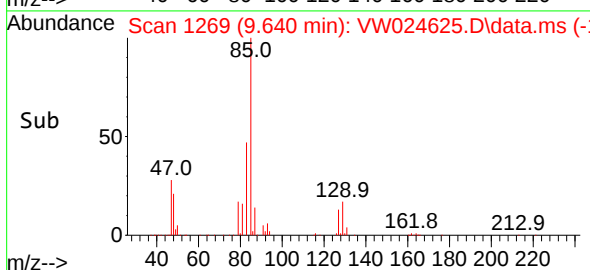
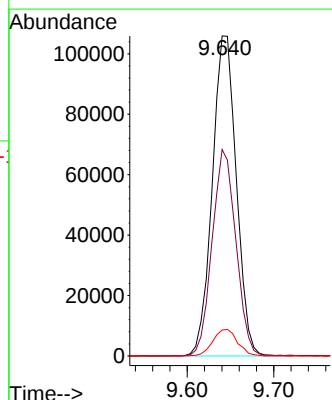
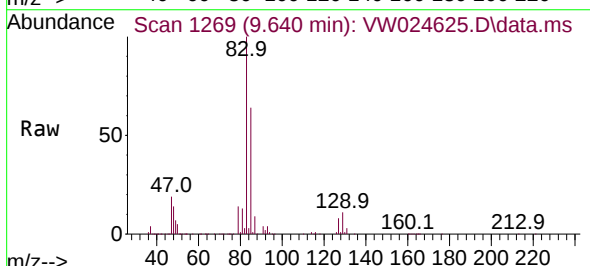
Tgt Ion: 83 Resp: 204344

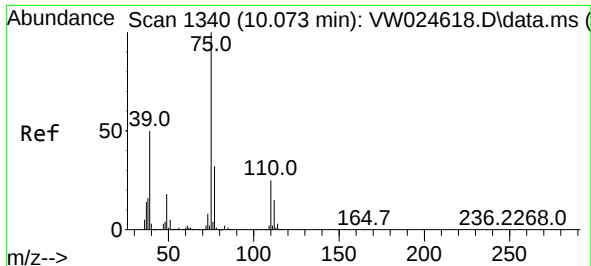
Ion Ratio Lower Upper

83 100

85 64.5 46.7 86.7

127 8.1 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 27.617 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

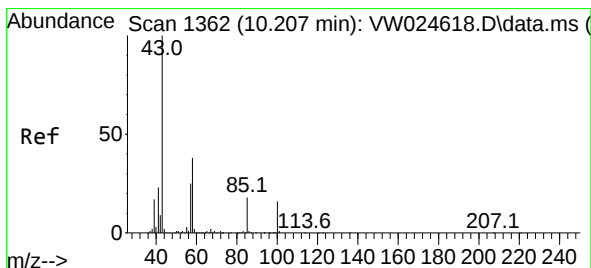
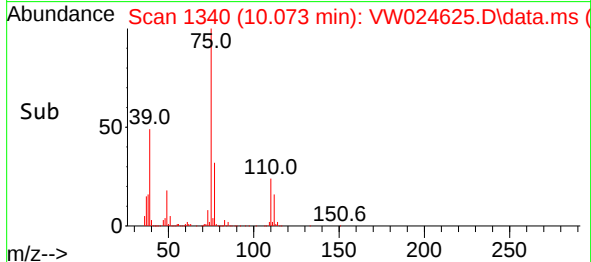
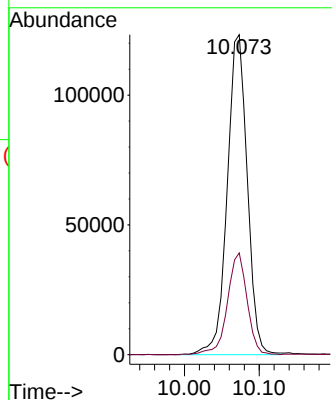
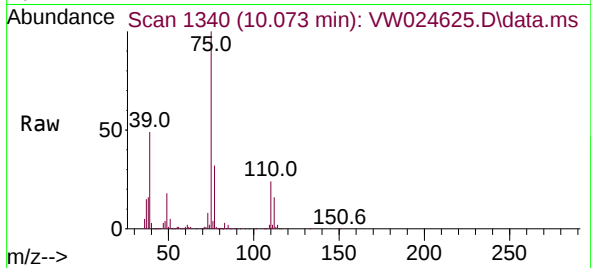
VSTD025572

Tgt Ion: 75 Resp: 230014

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.512 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

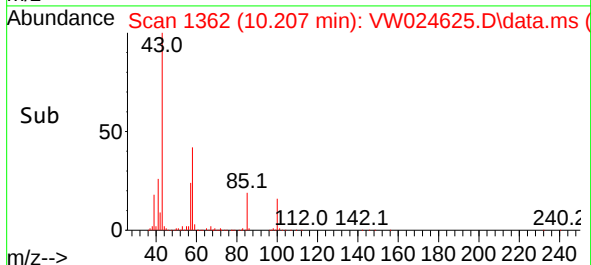
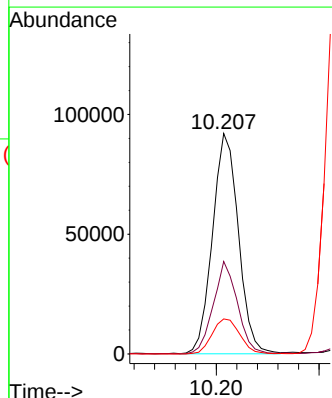
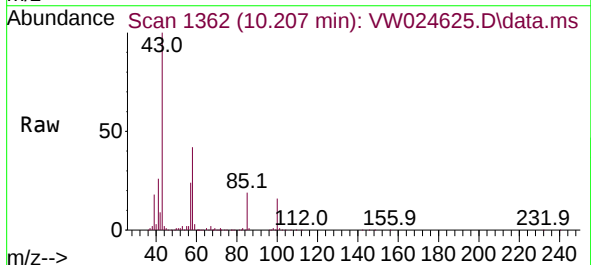
Tgt Ion: 43 Resp: 161050

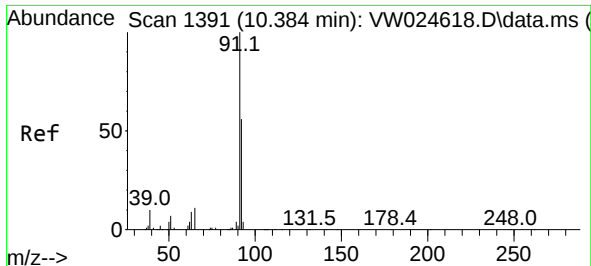
Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.2

100 17.0 14.2 21.4

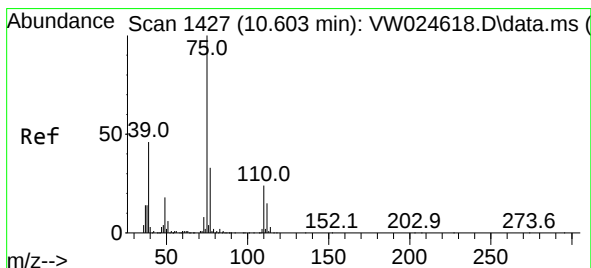
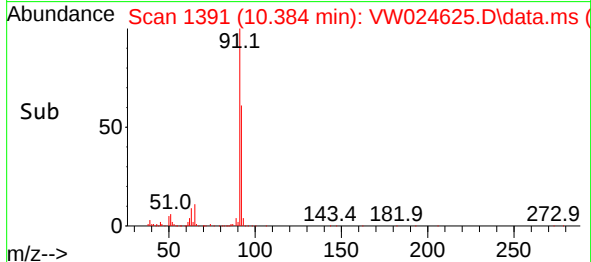
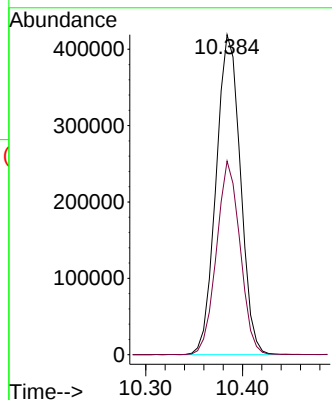
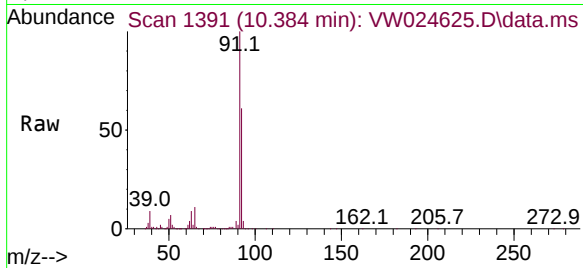




#42
Toluene
Concen: 28.638 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

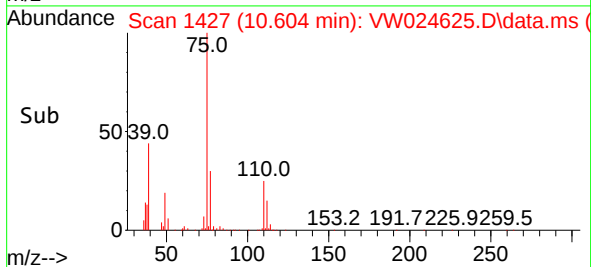
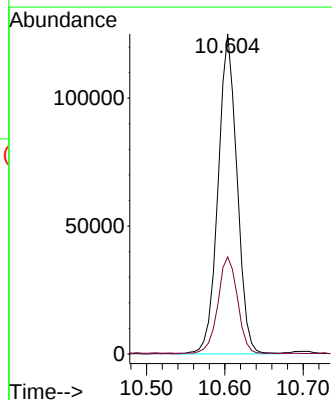
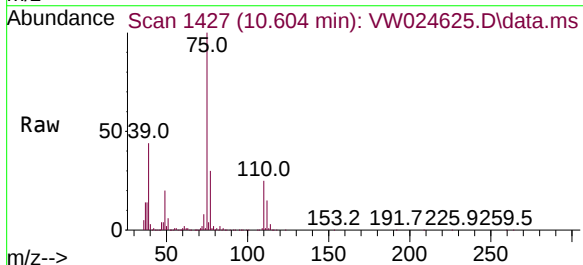
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

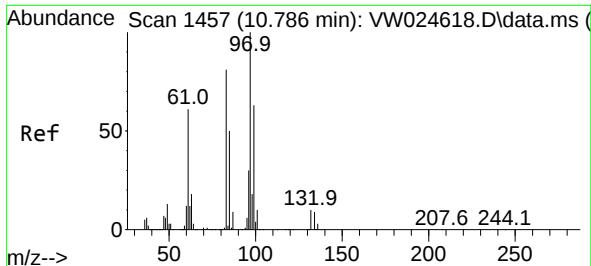
Tgt Ion: 91 Resp: 730925
Ion Ratio Lower Upper
91 100
92 60.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 28.465 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion: 75 Resp: 210573
Ion Ratio Lower Upper
75 100
77 30.3 23.1 42.9

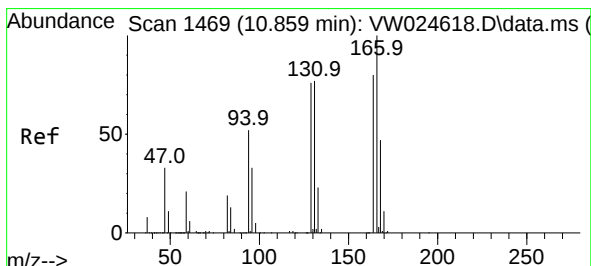
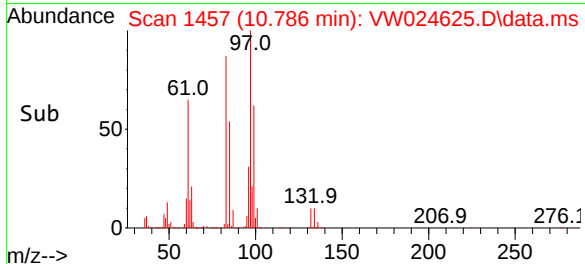
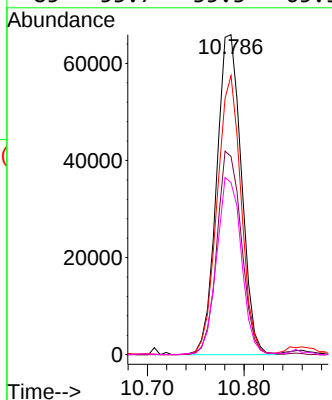
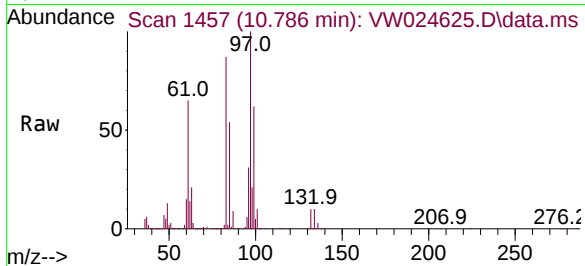




#45
1,1,2-Trichloroethane
Concen: 26.478 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

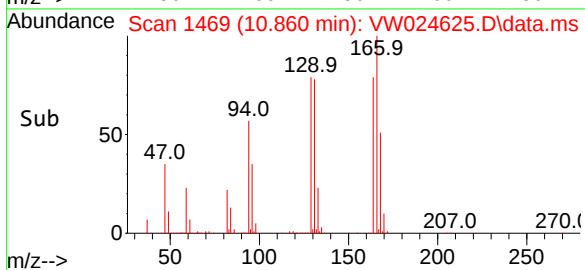
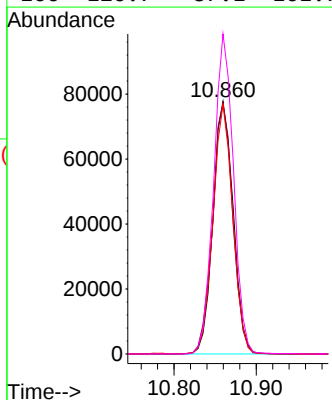
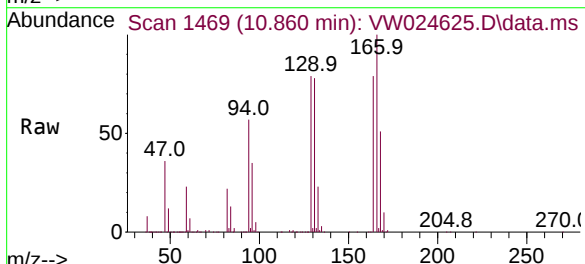
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

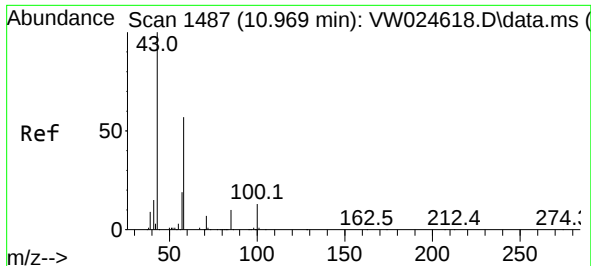
Tgt Ion:	97	Resp:	117667
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.3	82.3
83	87.2	56.7	105.3
85	53.7	35.3	65.5



#46
Tetrachloroethene
Concen: 27.307 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion:	164	Resp:	132375
Ion	Ratio	Lower	Upper
164	100		
129	99.5	66.0	122.6
131	98.7	66.9	124.3
166	126.7	87.1	161.7

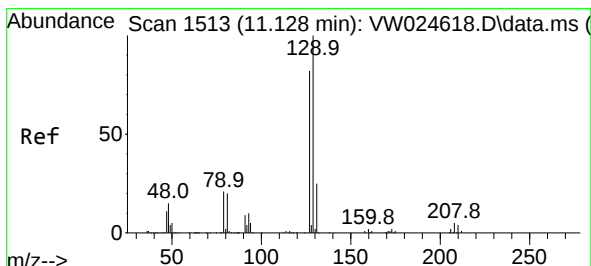
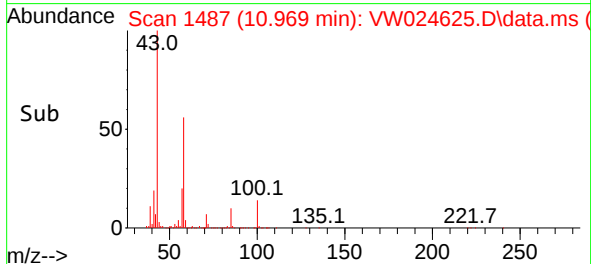
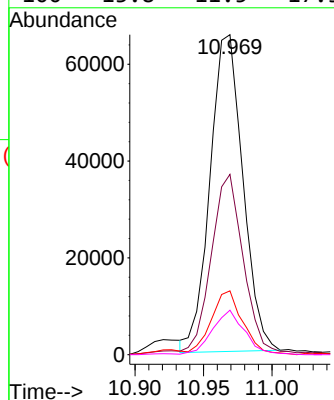
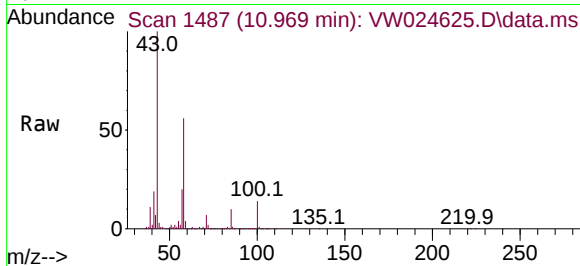




#48
2-Hexanone
Concen: 51.940 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

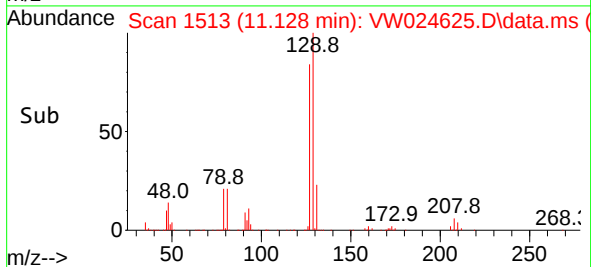
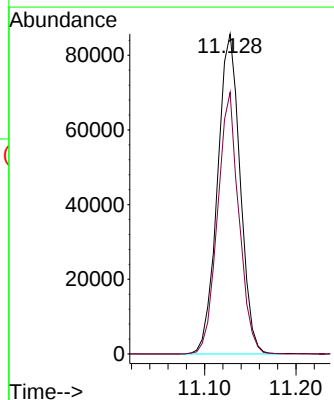
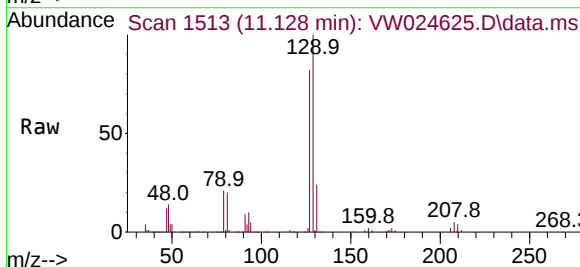
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

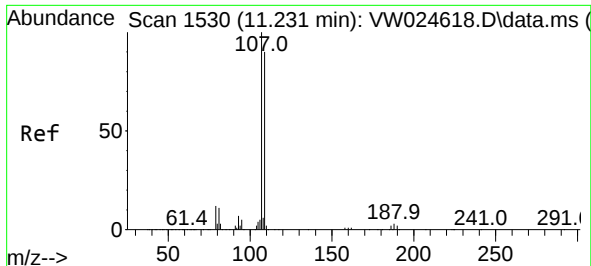
Tgt Ion:	43	Resp:	109301
Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.3	64.9
57	19.4	15.8	23.6
100	13.8	11.5	17.3



#49
Dibromochloromethane
Concen: 27.497 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion:	129	Resp:	147701
Ion	Ratio	Lower	Upper
129	100		
127	81.7	57.0	105.9





#50

1,2-Dibromoethane

Concen: 26.429 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

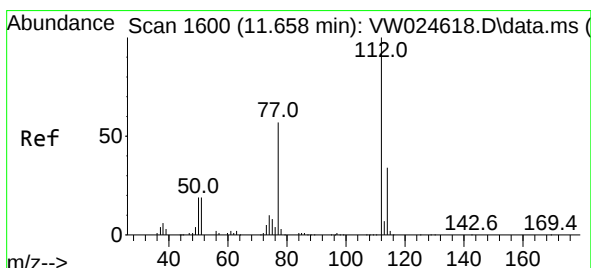
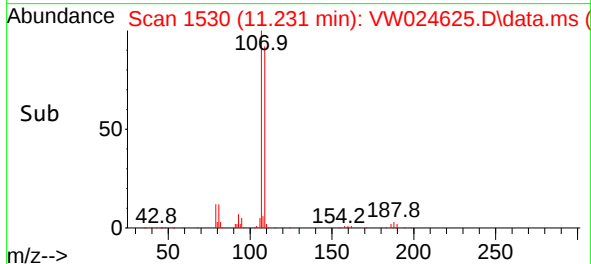
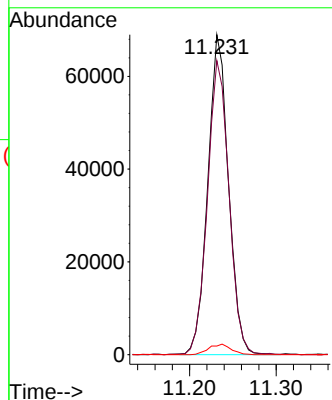
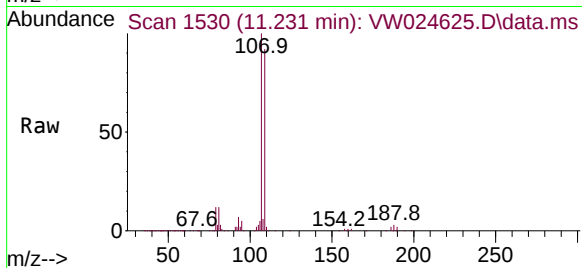
Tgt Ion:107 Resp: 114596

Ion Ratio Lower Upper

107 100

109 91.9 63.0 117.0

188 2.7 2.5 3.7



#51

Chlorobenzene

Concen: 27.855 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

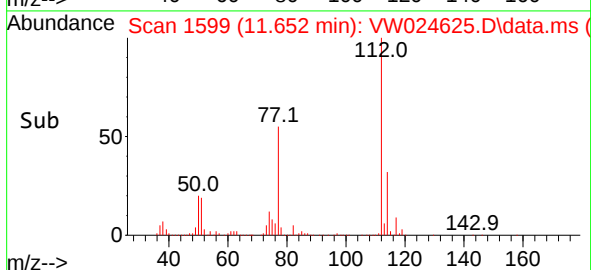
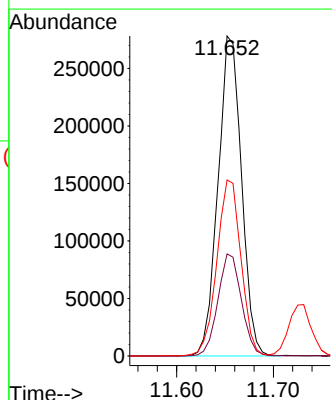
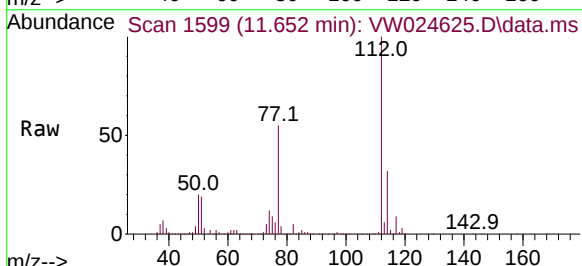
Tgt Ion:112 Resp: 468849

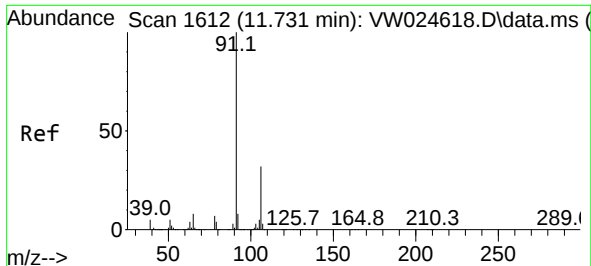
Ion Ratio Lower Upper

112 100

114 31.9 24.0 44.6

77 55.0 45.4 68.2

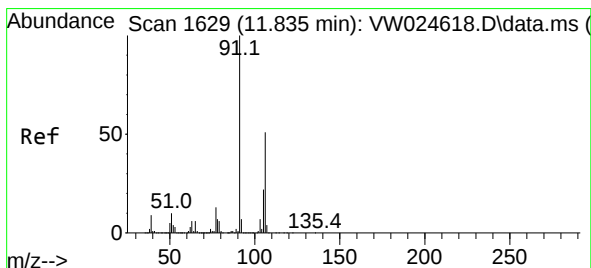
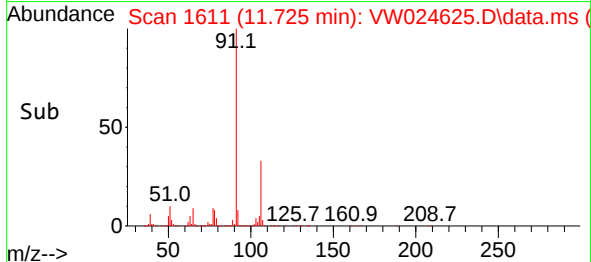
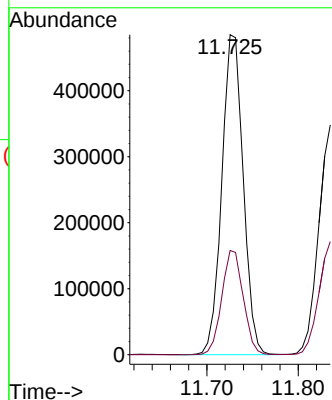
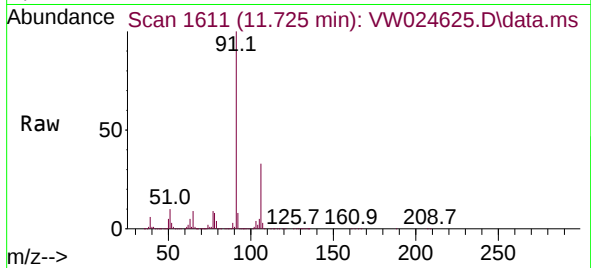




#52
Ethylbenzene
Concen: 28.155 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

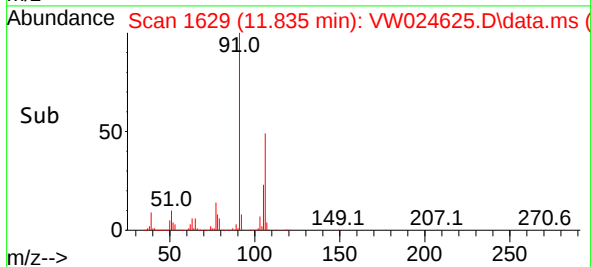
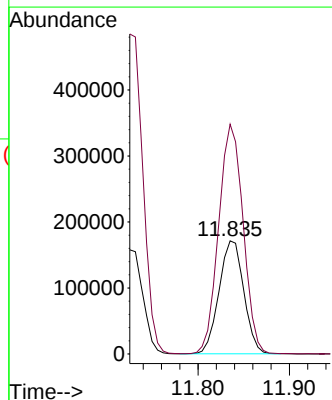
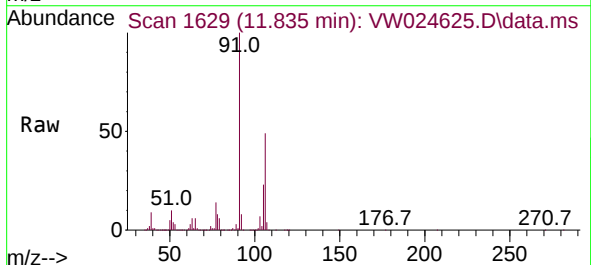
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

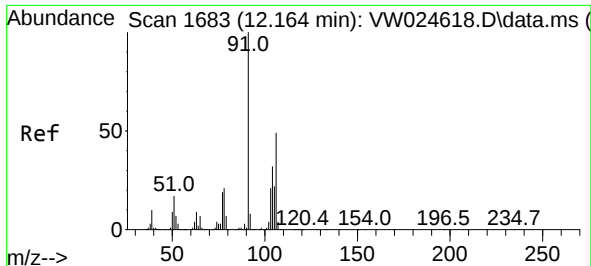
Tgt Ion: 91 Resp: 789336
Ion Ratio Lower Upper
91 100
106 32.5 22.2 41.2



#53
m,p-Xylene
Concen: 28.987 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion:106 Resp: 322718
Ion Ratio Lower Upper
106 100
91 203.1 138.3 256.8

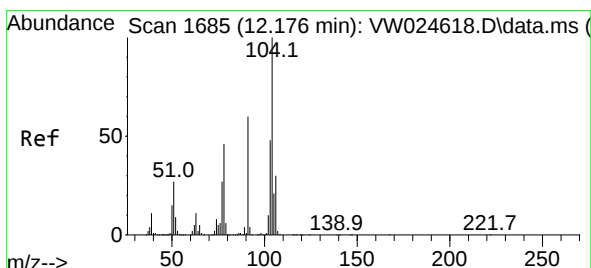
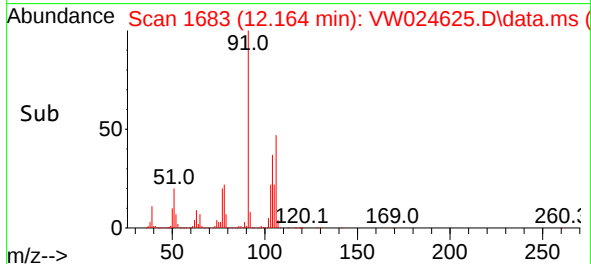
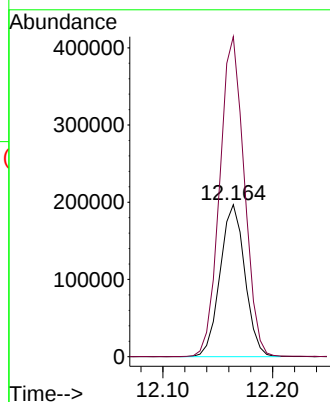
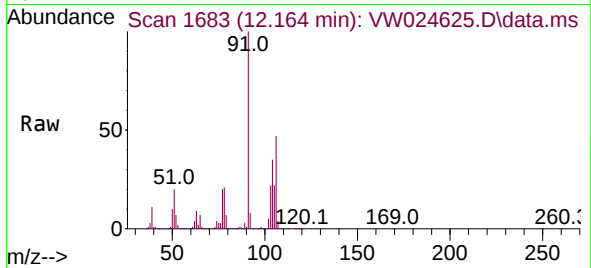




#54
o-Xylene
Concen: 29.588 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

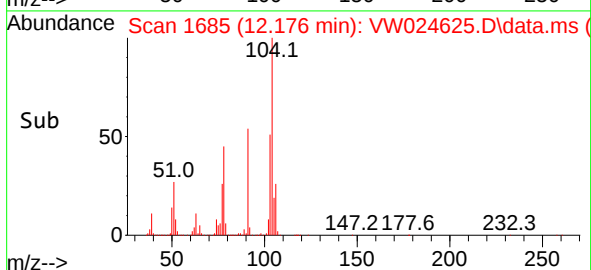
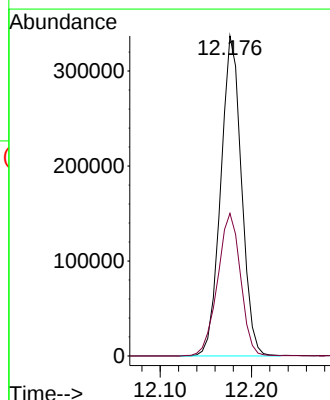
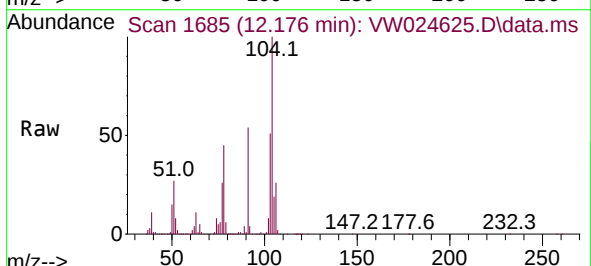
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

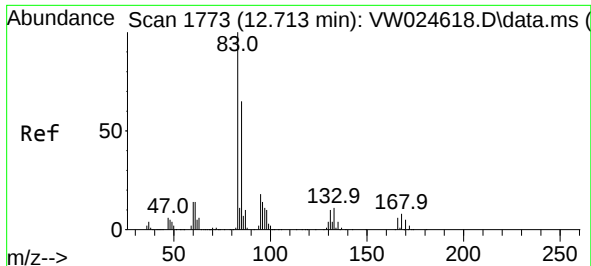
Tgt Ion:106 Resp: 309026
Ion Ratio Lower Upper
106 100
91 210.5 143.9 267.2



#55
Styrene
Concen: 29.624 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion:104 Resp: 532180
Ion Ratio Lower Upper
104 100
78 44.6 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.762 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

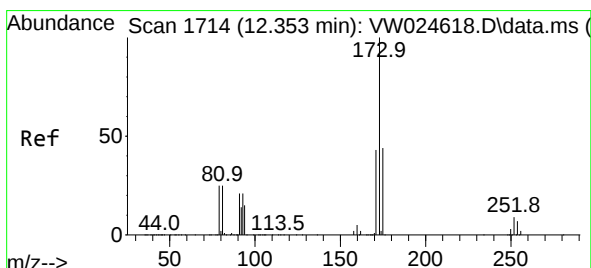
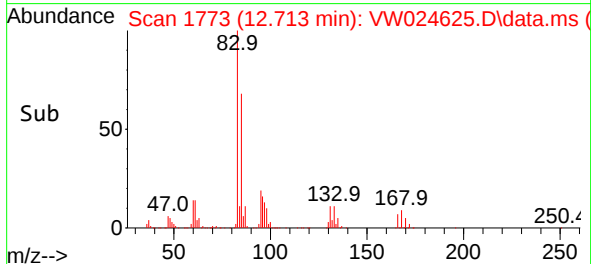
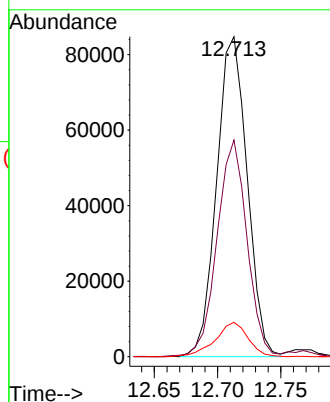
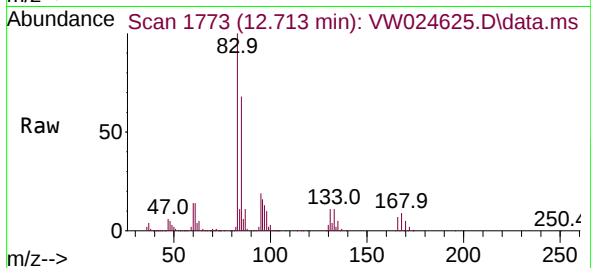
Tgt Ion: 83 Resp: 142273

Ion Ratio Lower Upper

83 100

85 67.7 45.6 84.8

131 10.8 8.2 12.4



#59

Bromoform

Concen: 26.982 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

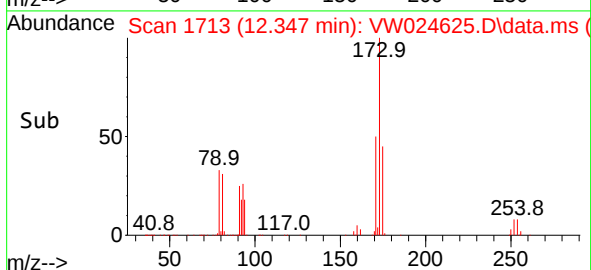
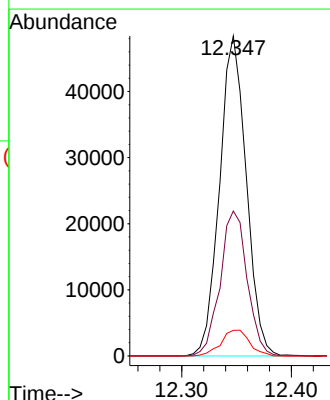
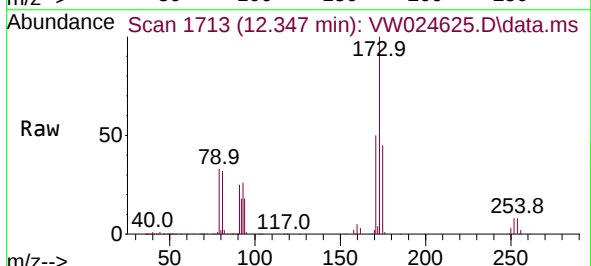
Tgt Ion: 173 Resp: 81906

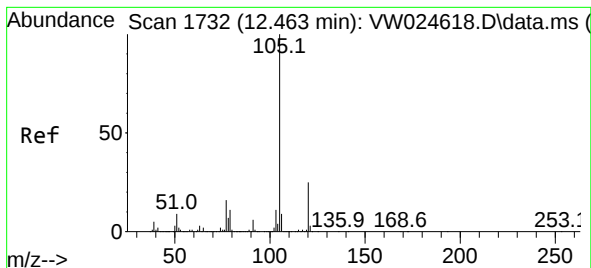
Ion Ratio Lower Upper

173 100

175 45.8 36.7 55.1

254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 28.426 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

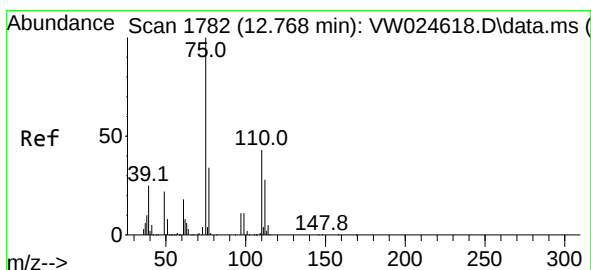
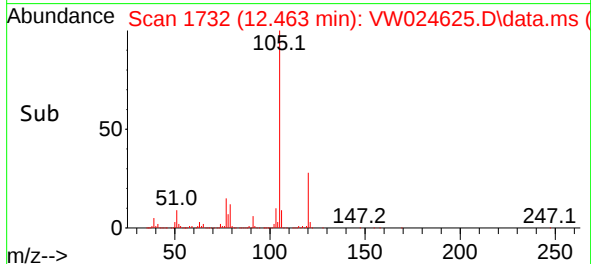
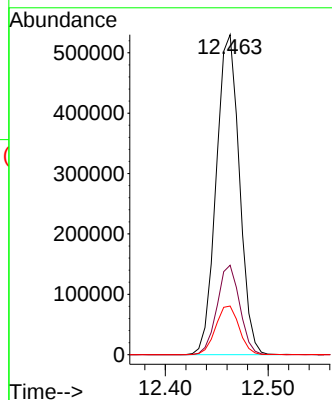
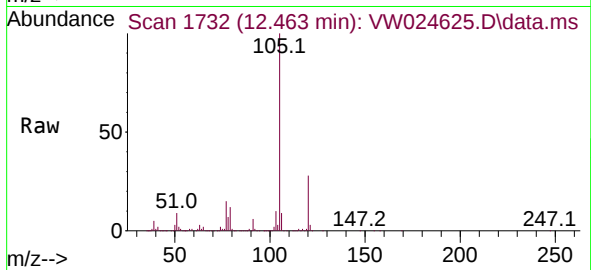
Tgt Ion:105 Resp: 829058

Ion Ratio Lower Upper

105 100

120 27.4 21.5 32.3

77 15.4 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 25.996 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

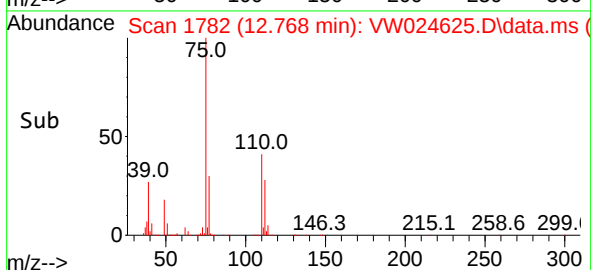
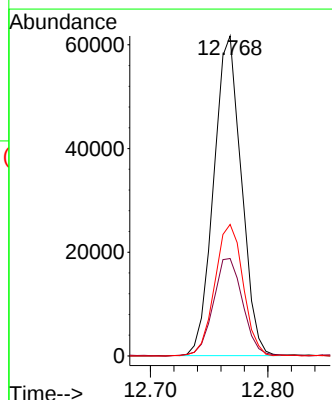
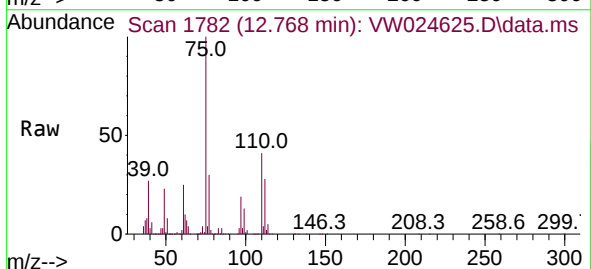
Tgt Ion: 75 Resp: 100773

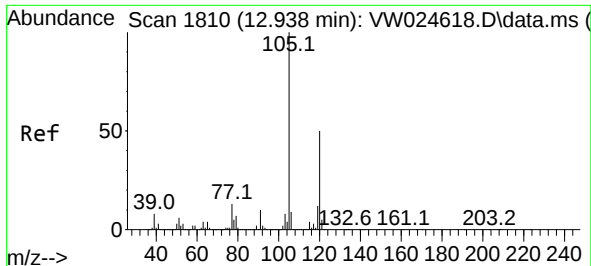
Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0

110 42.3 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 29.442 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

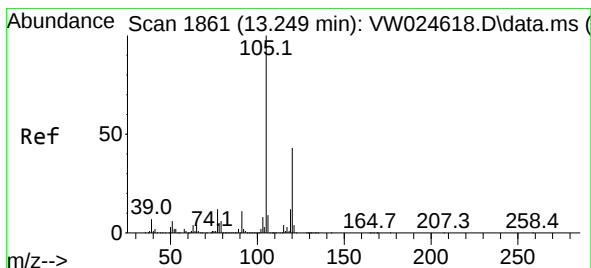
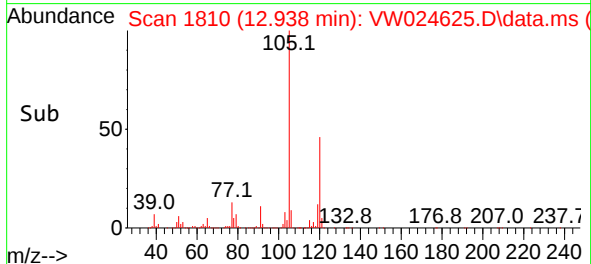
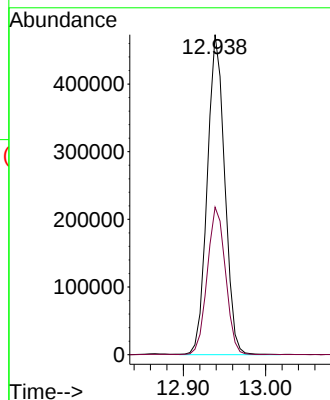
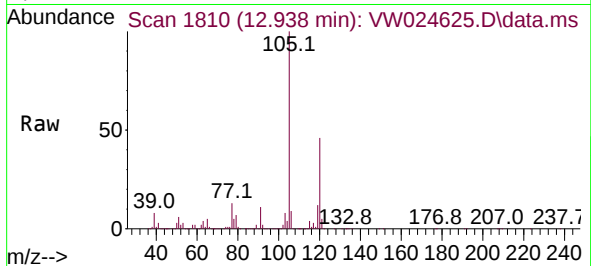
VSTD025572

Tgt Ion:105 Resp: 697621

Ion Ratio Lower Upper

105 100

120 48.1 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 29.537 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024625.D

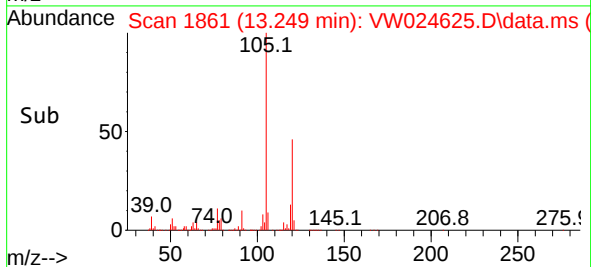
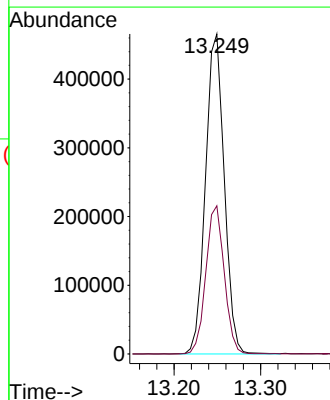
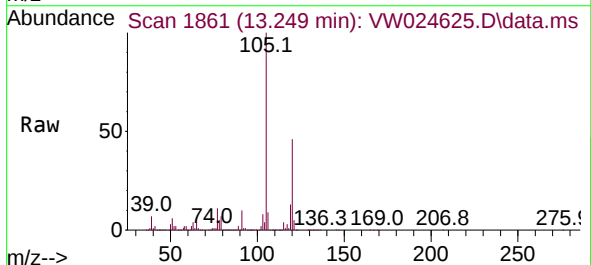
Acq: 22 Sep 2022 10:01

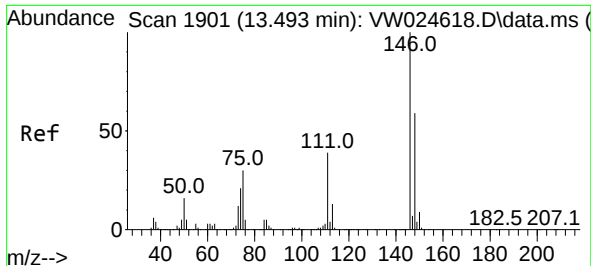
Tgt Ion:105 Resp: 700275

Ion Ratio Lower Upper

105 100

120 45.5 36.3 54.5

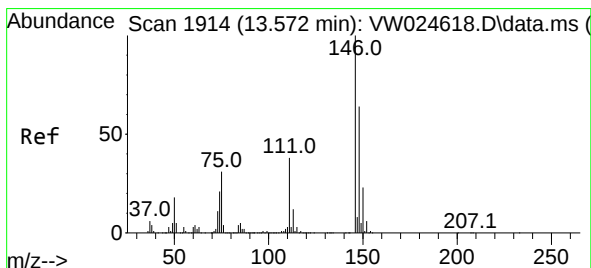
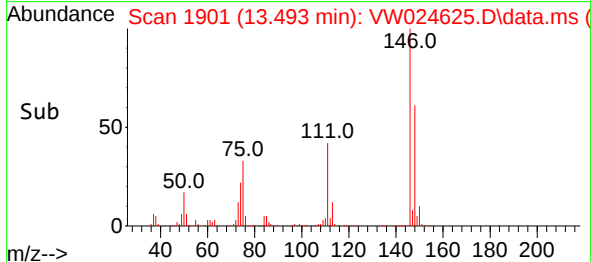
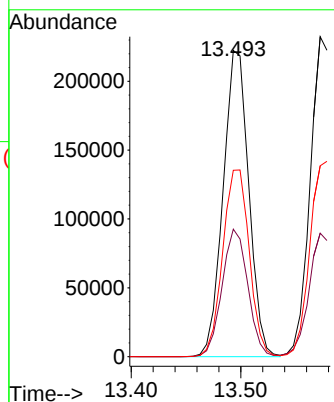
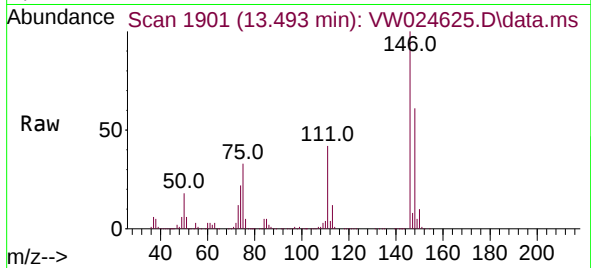




#64
1,3-Dichlorobenzene
Concen: 27.516 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

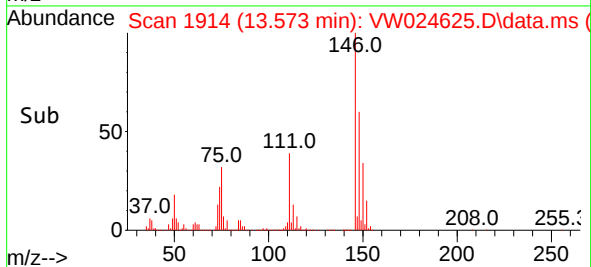
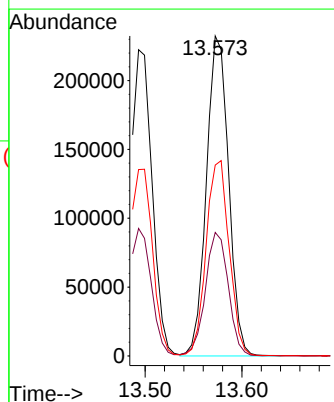
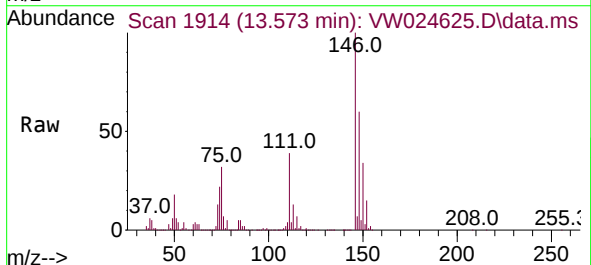
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

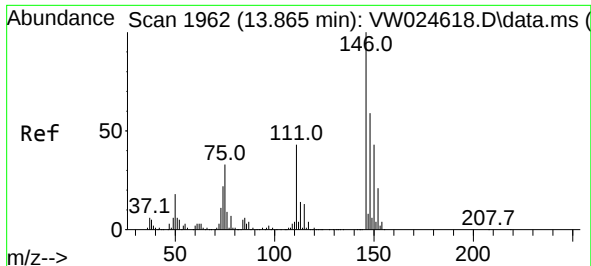
Tgt Ion:146 Resp: 361914
Ion Ratio Lower Upper
146 100
111 41.6 27.2 50.6
148 60.9 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 27.453 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion:146 Resp: 371431
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 59.7 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 27.192 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

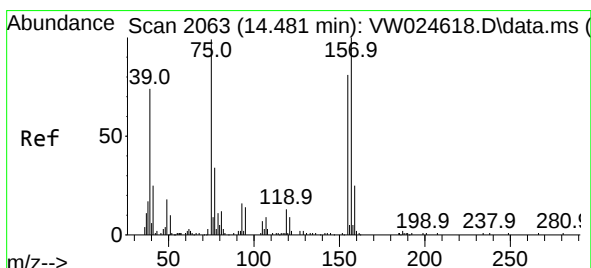
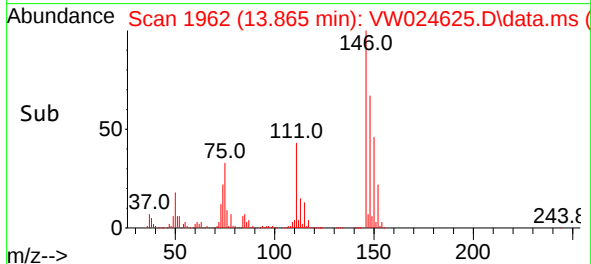
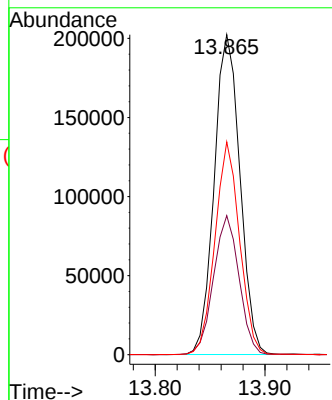
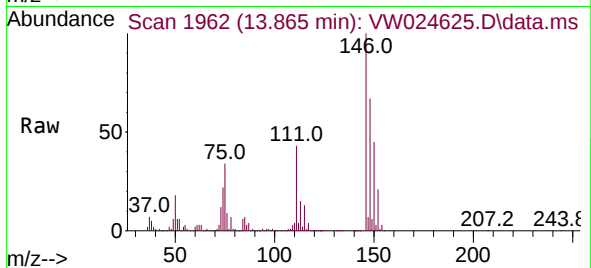
Tgt Ion:146 Resp: 330243

Ion Ratio Lower Upper

146 100

111 43.5 34.2 51.4

148 66.5 47.0 70.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.685 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

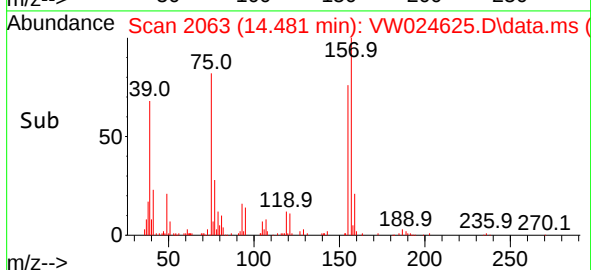
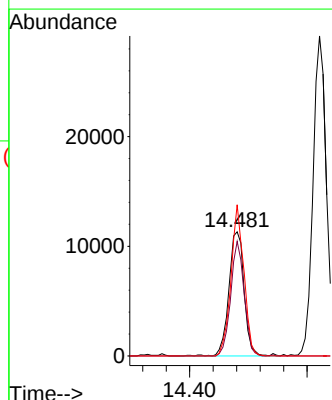
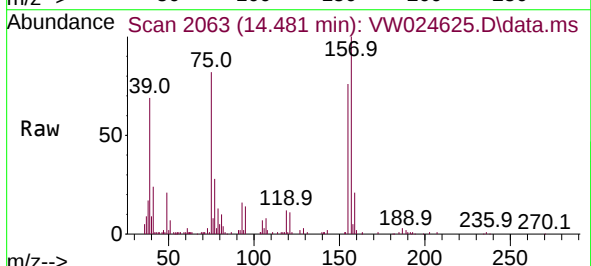
Tgt Ion: 75 Resp: 20477

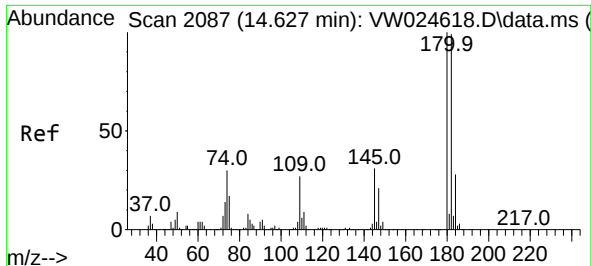
Ion Ratio Lower Upper

75 100

155 92.2 65.4 98.0

157 121.8 80.6 121.0#





#69

1,3,5-Trichlorobenzene

Concen: 27.080 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

Tgt Ion:180 Resp: 234136

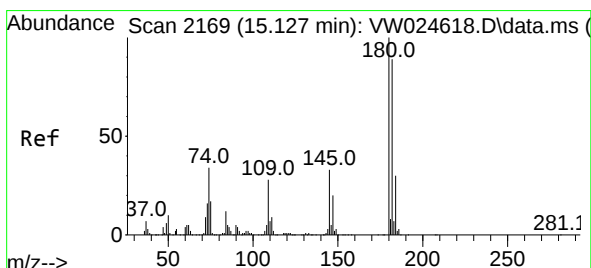
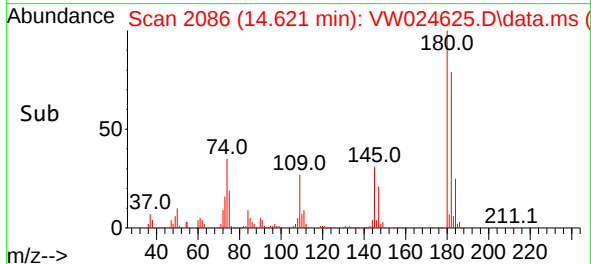
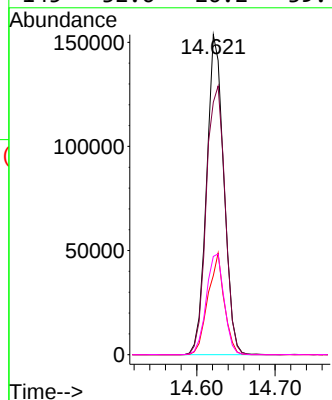
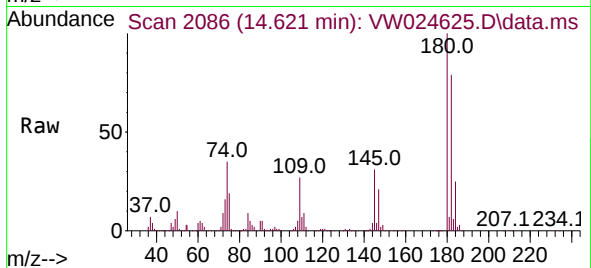
Ion Ratio Lower Upper

180 100

182 91.5 78.5 117.7

184 29.9 23.9 35.9

145 32.6 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 26.356 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024625.D

Acq: 22 Sep 2022 10:01

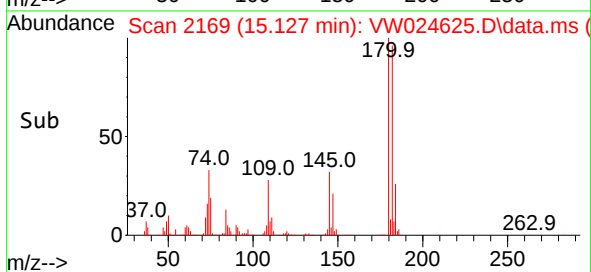
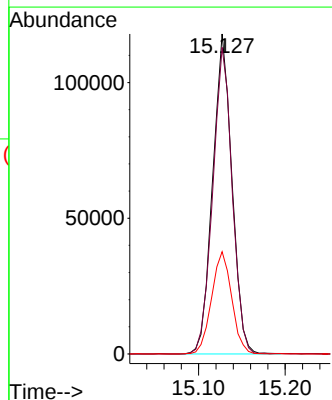
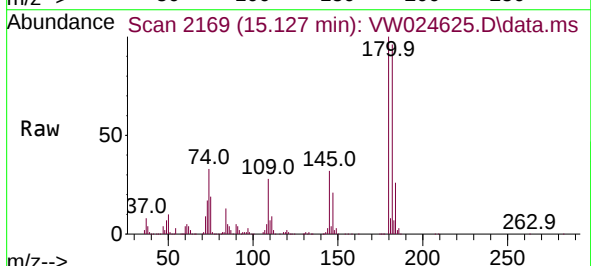
Tgt Ion:180 Resp: 182312

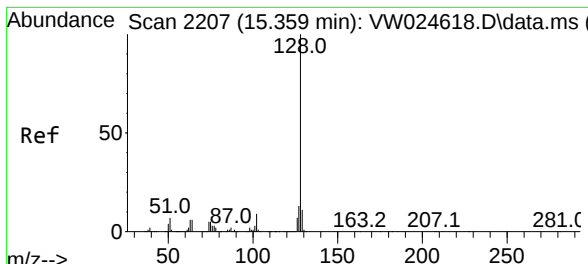
Ion Ratio Lower Upper

180 100

182 96.5 72.6 108.8

145 33.3 26.3 39.5



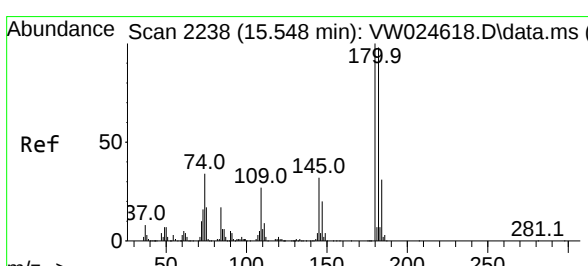
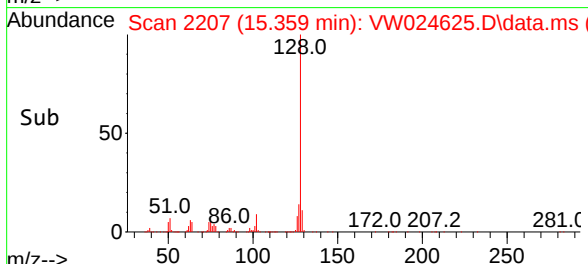
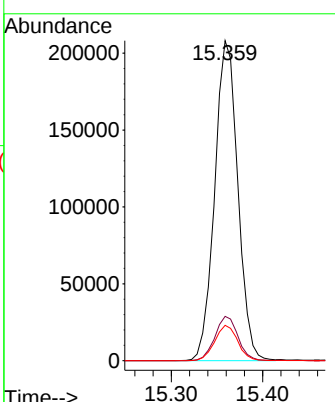
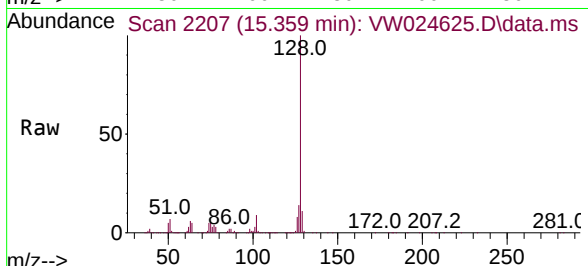


#71
Naphthalene
Concen: 26.494 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

Tgt Ion:128 Resp: 366413

Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.4
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 26.180 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024625.D
Acq: 22 Sep 2022 10:01

Tgt Ion:180 Resp: 164564

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.2	112.8
145	36.1	27.7	41.5

