

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
 Data File : VW024685.D
 Acq On : 29 Sep 2022 18:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Sep 30 02:40:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 02:36:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	504828	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	464587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	221653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143118	27.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.400%
7) Chloroethane-d5	2.891	69	83164	27.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	4.025	63	319176	26.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.440%
21) 2-Butanone-d5	7.080	46	103917	54.723	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.440%
24) Chloroform-d	7.653	84	347139	25.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	8.305	65	179269	25.606	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.440%
32) Benzene-d6	8.275	84	708346	23.854	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.274	67	215934	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	10.323	98	629404	23.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.880%
43) trans-1,3-Dichloroprop...	10.579	79	95056	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.920	63	80641	51.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.900%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168799	26.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.440%
66) 1,2-Dichlorobenzene-d4	13.847	152	194807	24.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	69179	22.320	ug/L	89
3) Chloromethane	2.215	50	134613	22.303	ug/L	96
5) Vinyl chloride	2.367	62	198165	31.932	ug/L	97
6) Bromomethane	2.782	94	88230	30.806	ug/L	97
8) Chloroethane	2.928	64	80049	30.597	ug/L	98
9) Trichlorofluoromethane	3.257	101	94720	27.283	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	197226	29.785	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	189741	28.731	ug/L	96
13) Acetone	4.129	43	77184	55.709	ug/L	95
14) Carbon disulfide	4.391	76	604691	29.004	ug/L	99
15) Methyl Acetate	4.672	43	91691	29.888	ug/L	98
16) Methylene chloride	4.915	84	250372	25.253	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	206637	27.848	ug/L	91
18) Methyl tert-butyl Ether	5.434	73	325314	27.650	ug/L	99
19) 1,1-Dichloroethane	6.214	63	382081	27.522	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	221572	27.830	ug/L	99
22) 2-Butanone	7.177	43	122889	55.453	ug/L	100
23) Bromochloromethane	7.513	128	91155	28.170	ug/L	94
25) Chloroform	7.677	83	365307	27.750	ug/L	99

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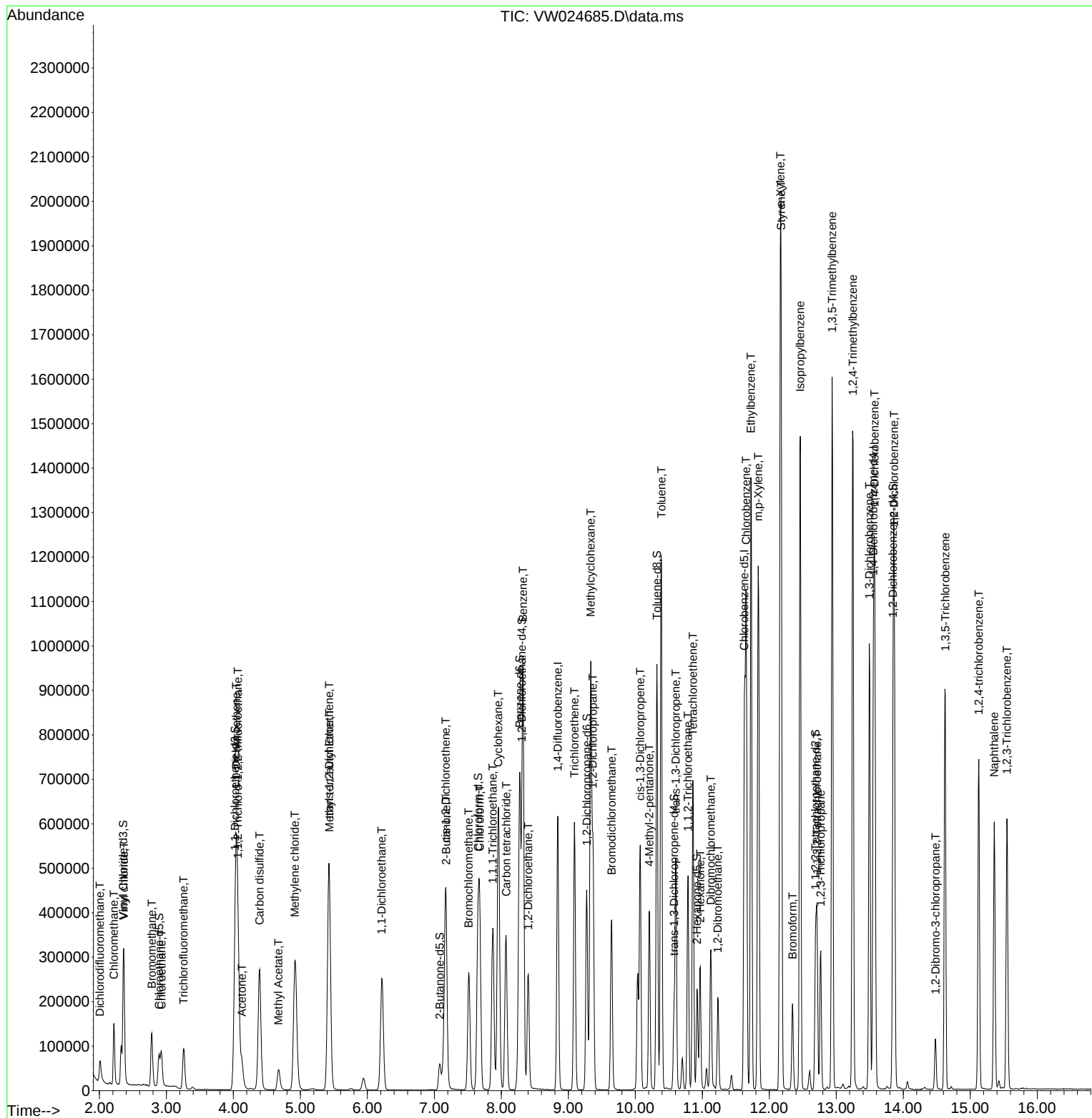
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	233576	28.198	ug/L	100
29) Cyclohexane	7.951	56	389684	26.930	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	306206	27.238	ug/L	99
31) Carbon tetrachloride	8.073	117	265054	27.842	ug/L	100
33) Benzene	8.323	78	852631	26.221	ug/L	100
34) Trichloroethene	9.092	95	217251	26.360	ug/L	98
35) Methylcyclohexane	9.335	83	405715	26.854	ug/L	99
37) 1,2-Dichloropropane	9.366	63	213932	26.650	ug/L	100
38) Bromodichloromethane	9.646	83	264437	26.779	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	335215	26.406	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	263968	55.553	ug/L	99
42) Toluene	10.390	91	892341	26.574	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	283584	26.056	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	148594	27.100	ug/L	99
46) Tetrachloroethene	10.860	164	148483	26.516	ug/L	93
48) 2-Hexanone	10.969	43	178706	55.619	ug/L	99
49) Dibromochloromethane	11.128	129	168145	27.233	ug/L	100
50) 1,2-Dibromoethane	11.231	107	142115	27.382	ug/L	98
51) Chlorobenzene	11.652	112	553127	26.903	ug/L	98
52) Ethylbenzene	11.725	91	997661	26.973	ug/L	99
53) m,p-Xylene	11.835	106	382005	26.449	ug/L	97
54) o-Xylene	12.164	106	367971	26.979	ug/L	96
55) Styrene	12.176	104	620289	26.978	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	181493	28.269	ug/L	98
59) Bromoform	12.347	173	84637	27.013	ug/L	99
60) Isopropylbenzene	12.463	105	967104	26.770	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	134013	28.068	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	856463	27.277	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	839720	27.299	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	402638	27.434	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	387835	27.146	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	350790	27.441	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	30955	27.416	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	260330	26.715	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	223748	27.331	ug/L	95
71) Naphthalene	15.359	128	490446	27.514	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	183763	26.374	ug/L	99

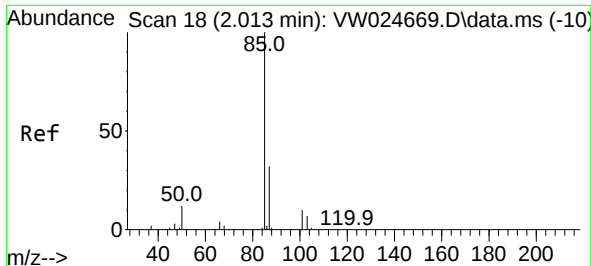
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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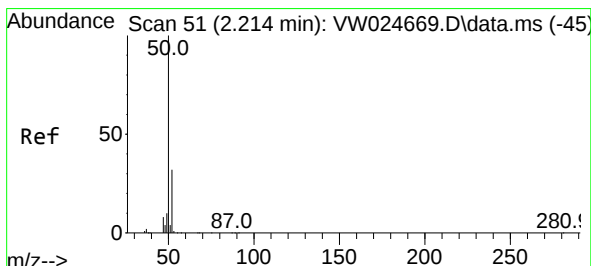
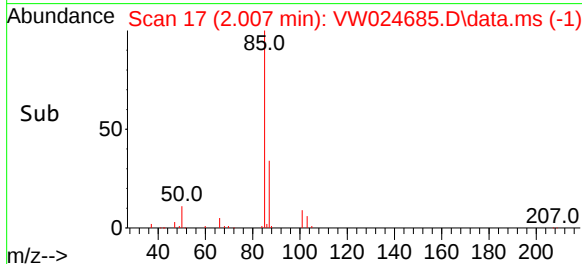
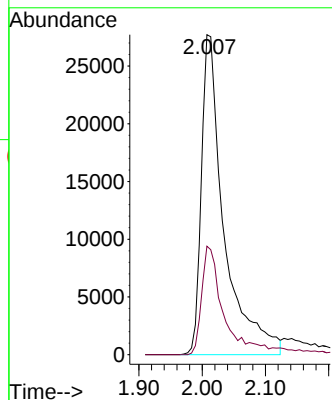
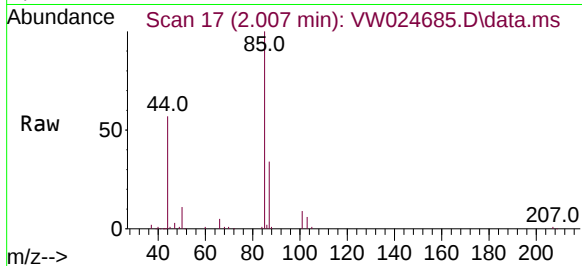




#2
 Dichlorodifluoromethane
 Concen: 22.320 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW024685.D
 Acq: 29 Sep 2022 18:29

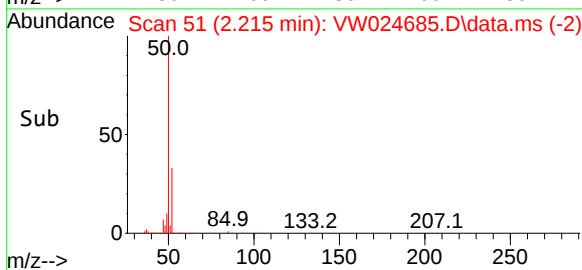
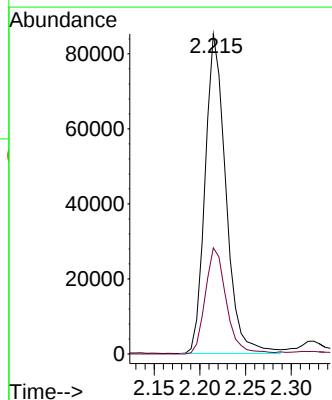
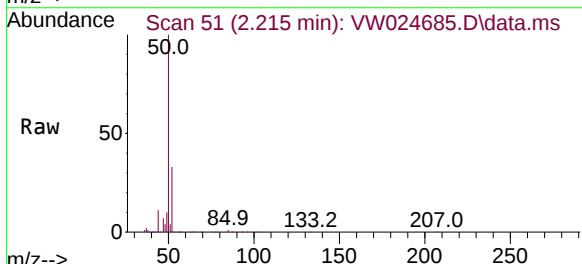
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

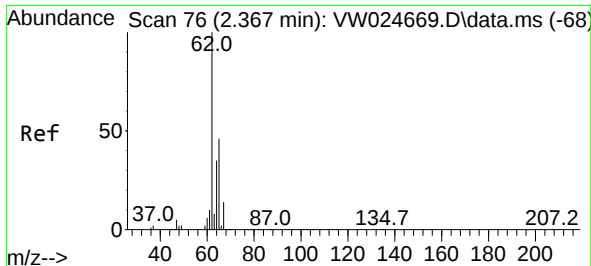
Tgt Ion: 85 Resp: 69179
 Ion Ratio Lower Upper
 85 100
 87 29.5 28.8 43.2



#3
 Chloromethane
 Concen: 22.303 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024685.D
 Acq: 29 Sep 2022 18:29

Tgt Ion: 50 Resp: 134613
 Ion Ratio Lower Upper
 50 100
 52 33.1 21.7 40.3

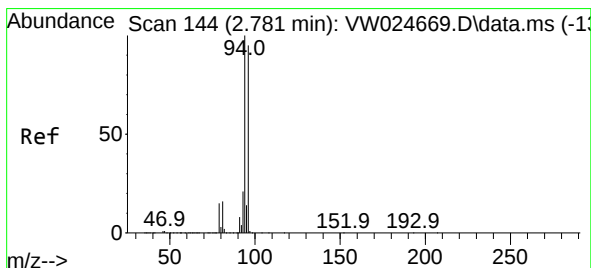
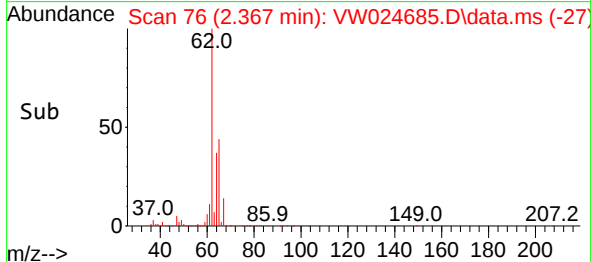
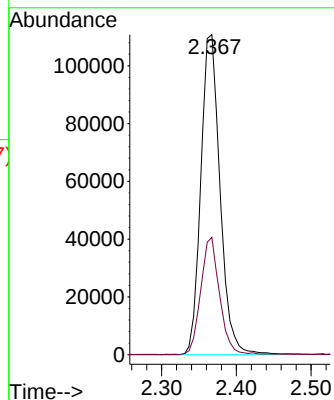
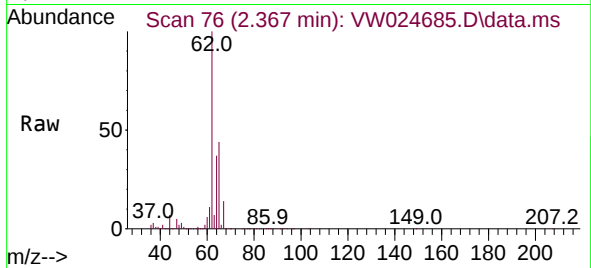




#5
 Vinyl chloride
 Concen: 31.932 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024685.D
 Acq: 29 Sep 2022 18:29

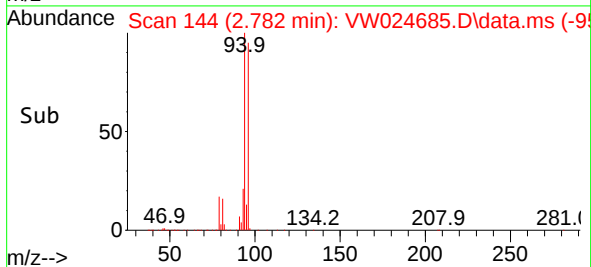
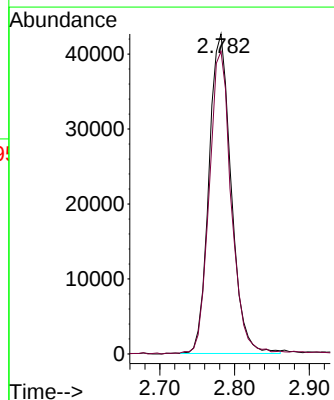
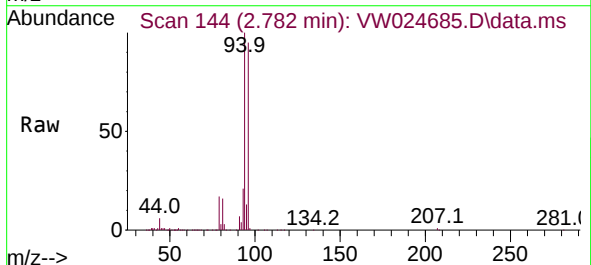
Instrument :
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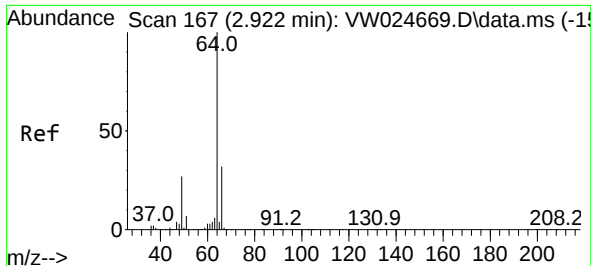
Tgt Ion: 62 Resp: 198165
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.4 45.2



#6
 Bromomethane
 Concen: 30.806 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024685.D
 Acq: 29 Sep 2022 18:29

Tgt Ion: 94 Resp: 88230
 Ion Ratio Lower Upper
 94 100
 96 94.6 68.0 126.2

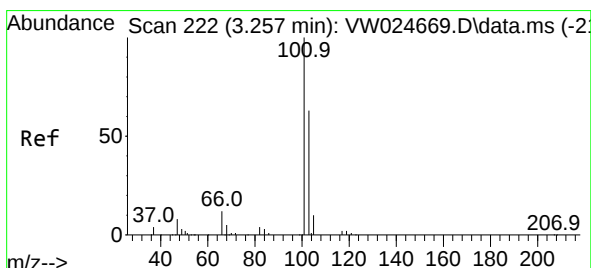
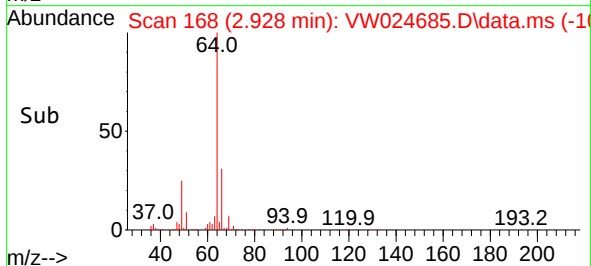
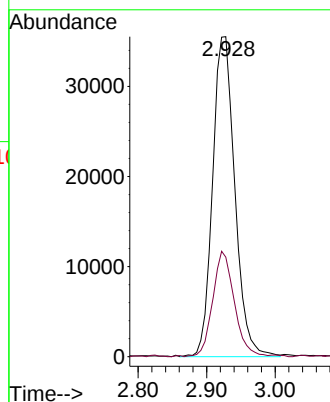
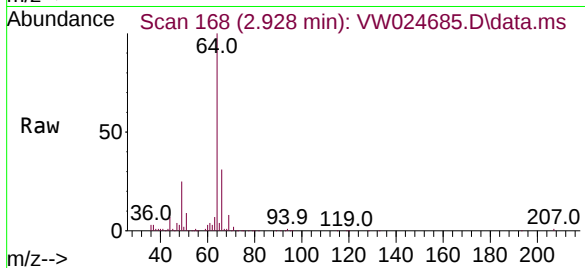




#8
Chloroethane
Concen: 30.597 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

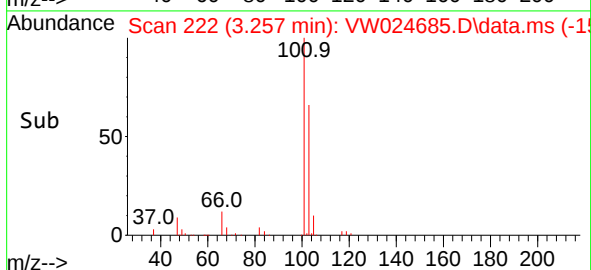
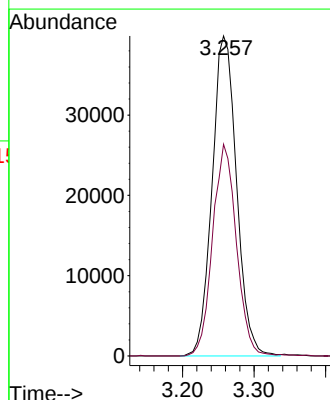
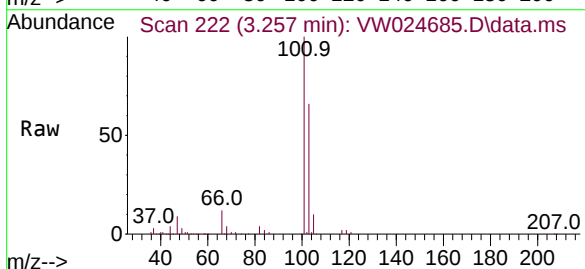
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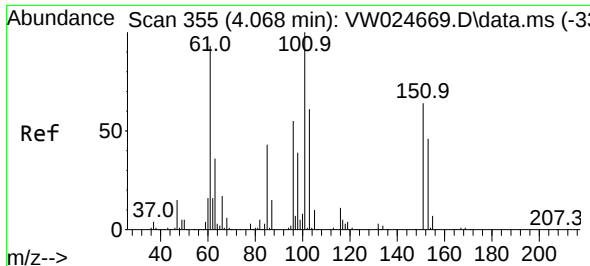
Tgt Ion: 64 Resp: 80049
Ion Ratio Lower Upper
64 100
66 31.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 27.283 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion: 101 Resp: 94720
Ion Ratio Lower Upper
101 100
103 64.2 53.4 80.2

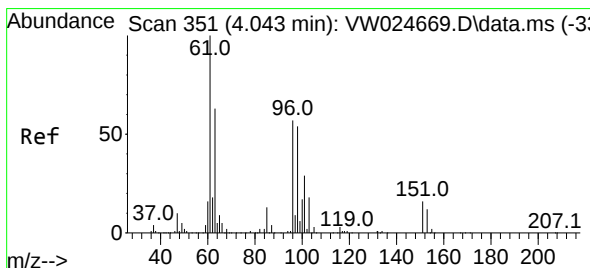
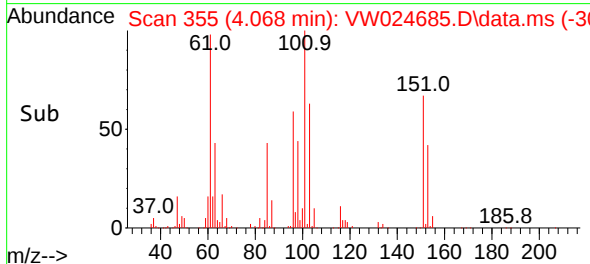
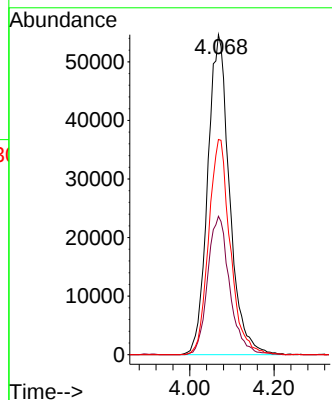
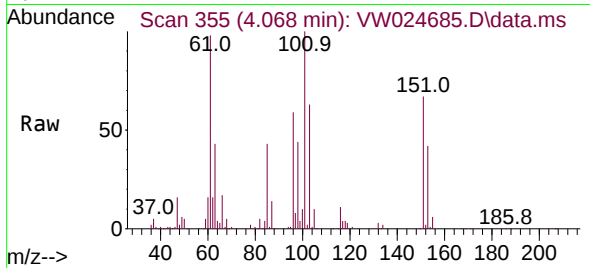




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.785 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024685.D
 Acq: 29 Sep 2022 18:29

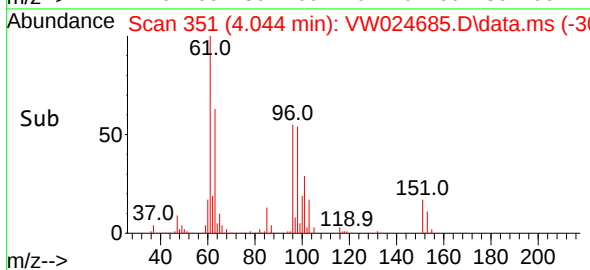
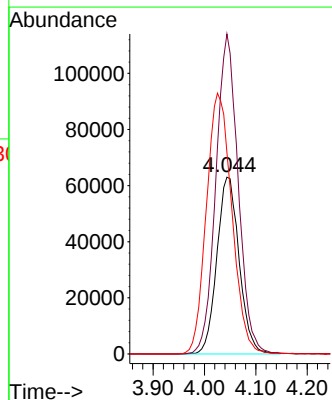
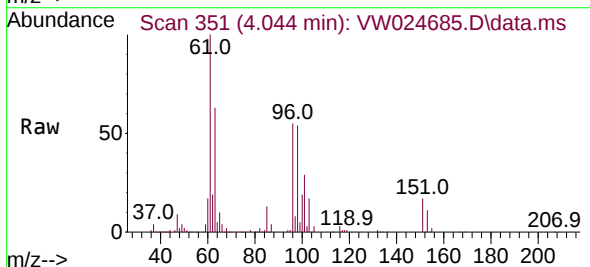
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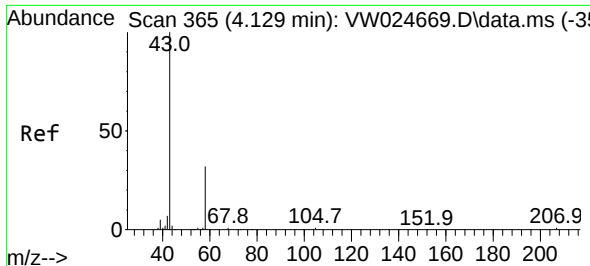
Tgt Ion:101 Resp: 197226
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.9 52.3
 151 66.2 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 28.731 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024685.D
 Acq: 29 Sep 2022 18:29

Tgt Ion: 96 Resp: 189741
 Ion Ratio Lower Upper
 96 100
 61 180.9 124.5 231.1
 63 113.9 84.1 156.1





#13

Acetone

Concen: 55.709 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

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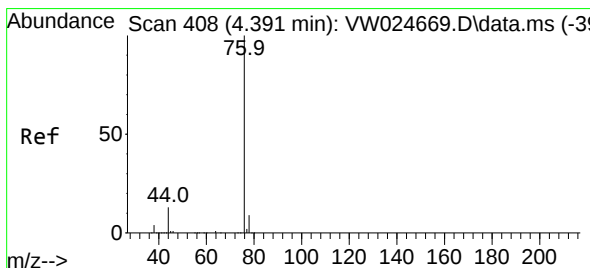
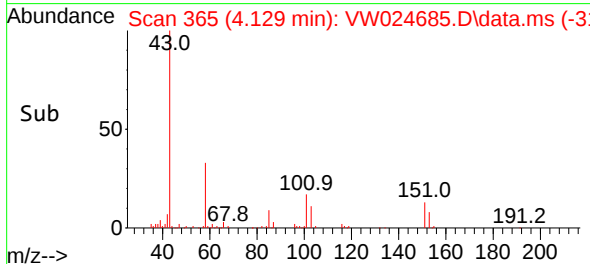
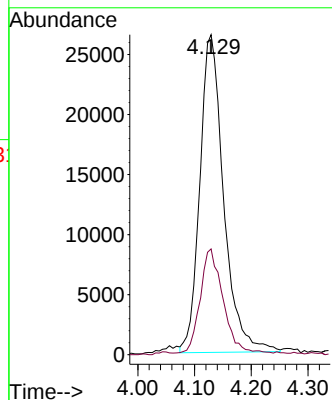
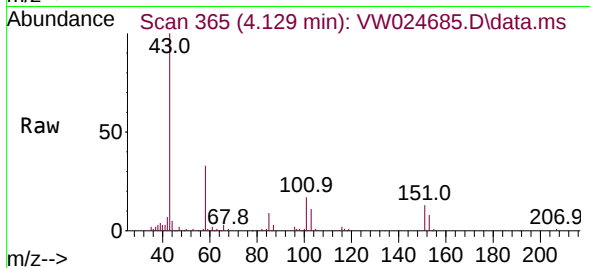
VSTD025579

Tgt Ion: 43 Resp: 77184

Ion Ratio Lower Upper

43 100

58 31.0 0.0 67.6



#14

Carbon disulfide

Concen: 29.004 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW024685.D

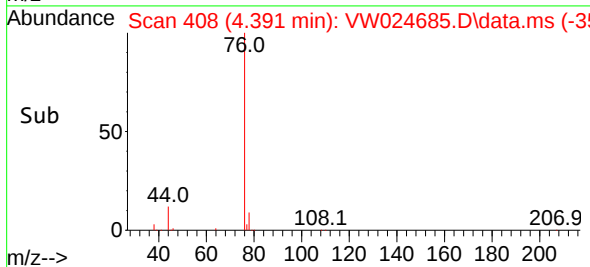
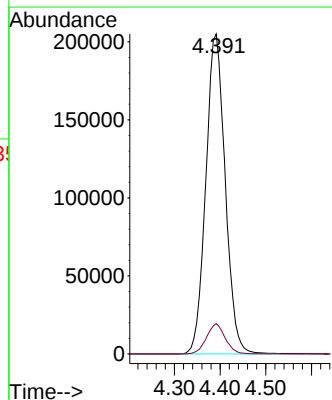
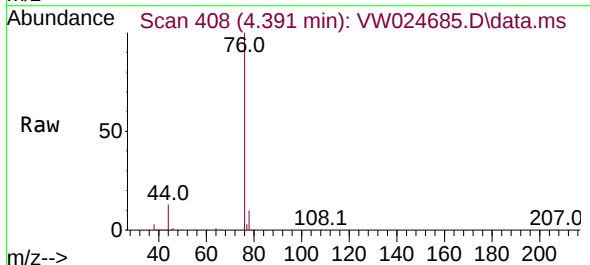
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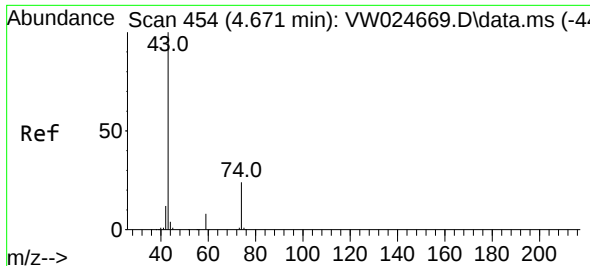
Tgt Ion: 76 Resp: 604691

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

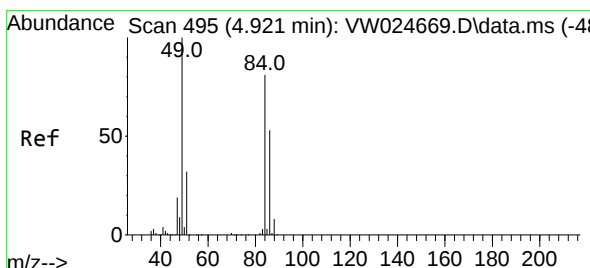
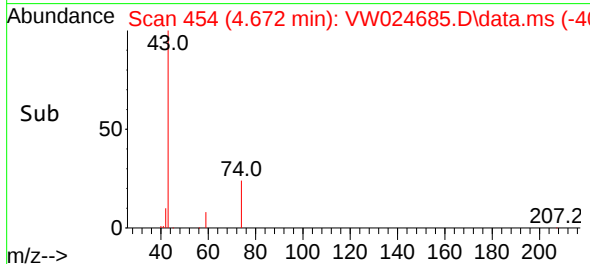
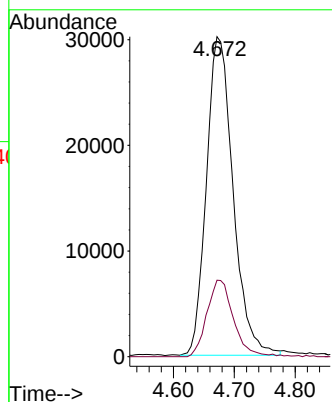
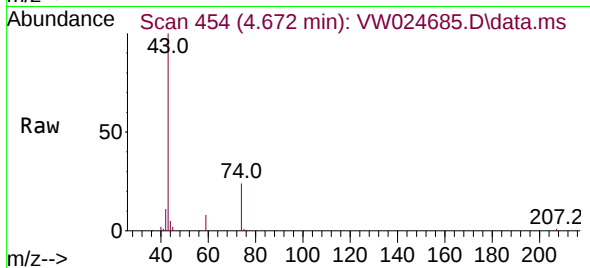




#15
Methyl Acetate
Concen: 29.888 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

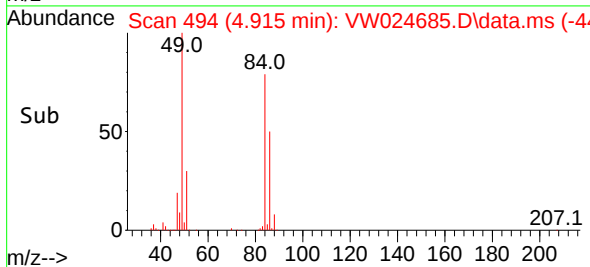
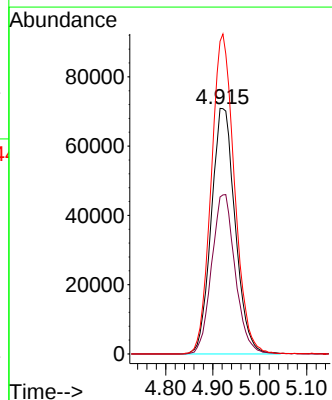
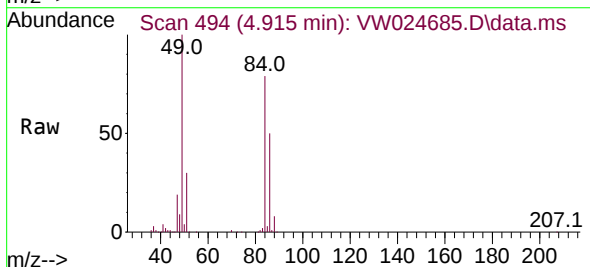
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

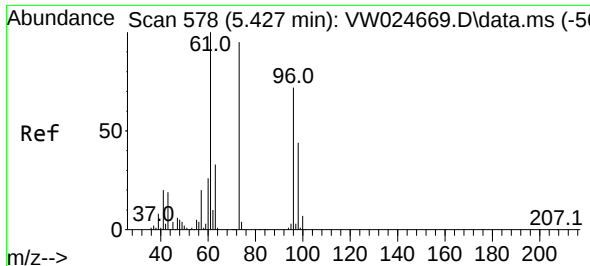
Tgt Ion: 43 Resp: 91691
Ion Ratio Lower Upper
43 100
74 23.6 18.1 27.1



#16
Methylene chloride
Concen: 25.253 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

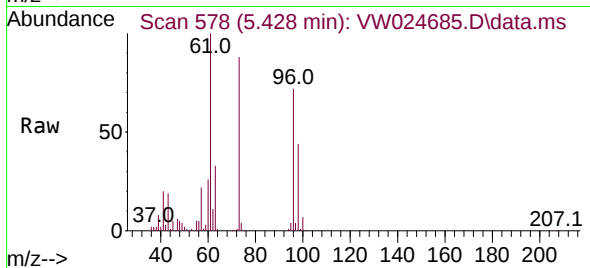
Tgt Ion: 84 Resp: 250372
Ion Ratio Lower Upper
84 100
86 64.0 44.0 81.8
49 127.3 87.4 162.2





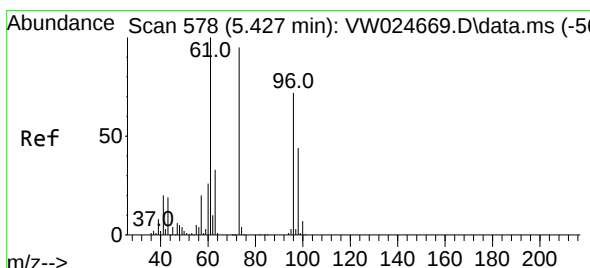
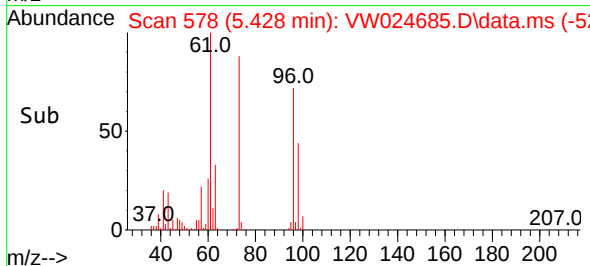
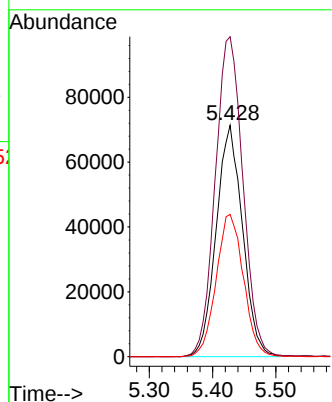
#17
trans-1,2-Dichloroethene
Concen: 27.848 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTD025579



Tgt Ion: 96 Resp: 206637

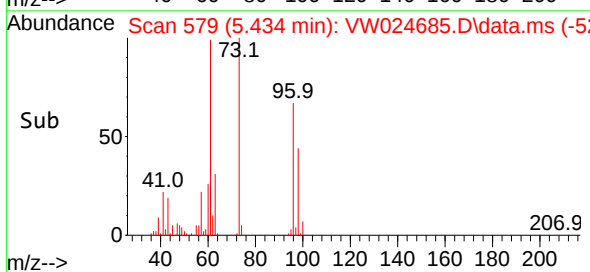
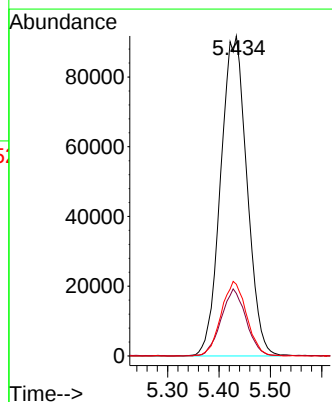
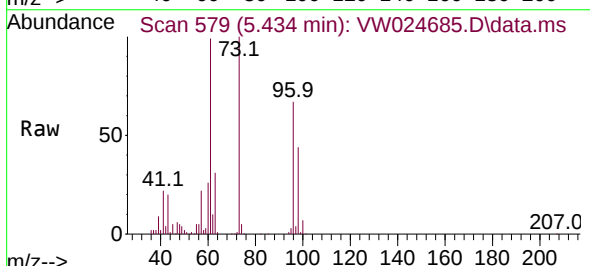
Ion	Ratio	Lower	Upper
96	100		
61	138.3	106.3	197.5
98	61.5	45.1	83.9

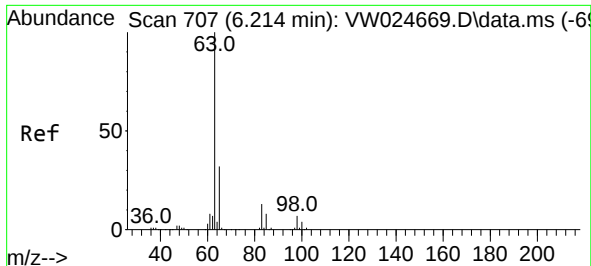


#18
Methyl tert-butyl Ether
Concen: 27.650 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion: 73 Resp: 325314

Ion	Ratio	Lower	Upper
73	100		
43	19.6	15.6	23.4
57	22.5	18.3	27.5





#19

1,1-Dichloroethane

Concen: 27.522 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

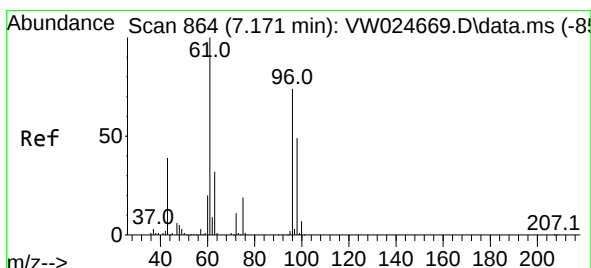
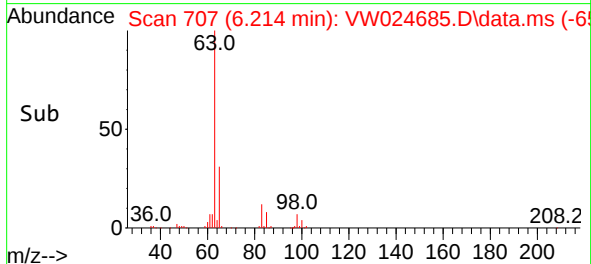
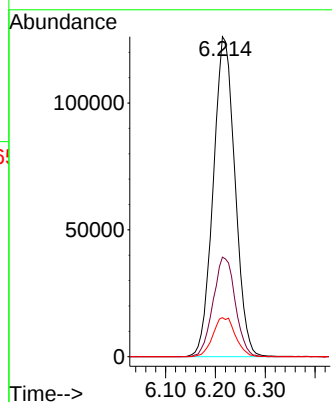
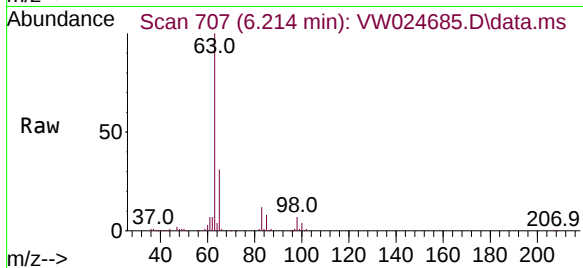
Tgt Ion: 63 Resp: 382081

Ion Ratio Lower Upper

63 100

65 31.1 23.7 43.9

83 12.2 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.830 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

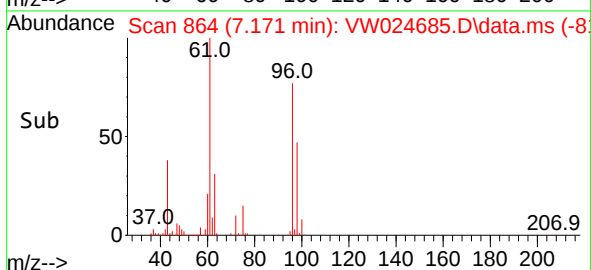
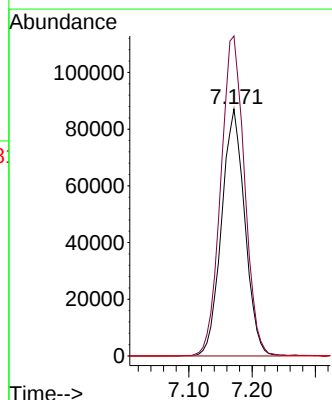
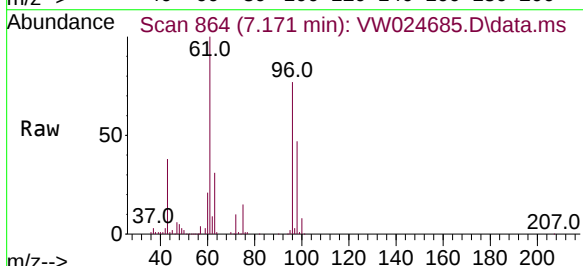
Tgt Ion: 96 Resp: 221572

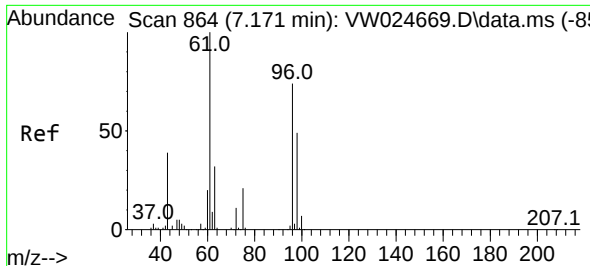
Ion Ratio Lower Upper

96 100

61 129.6 90.2 167.4

68 0.0 0.0 0.0

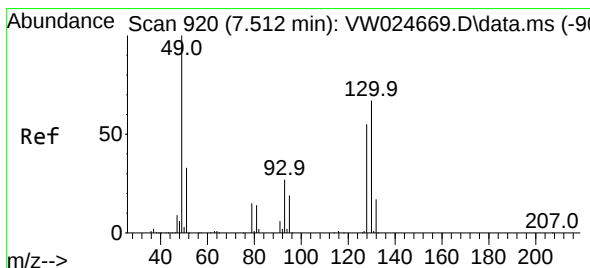
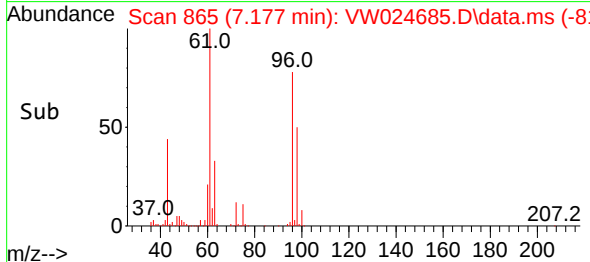
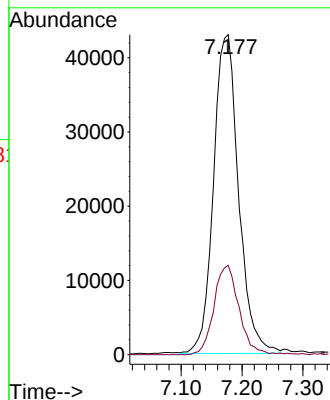
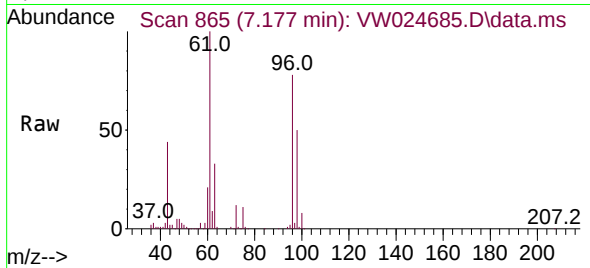




#22
2-Butanone
Concen: 55.453 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

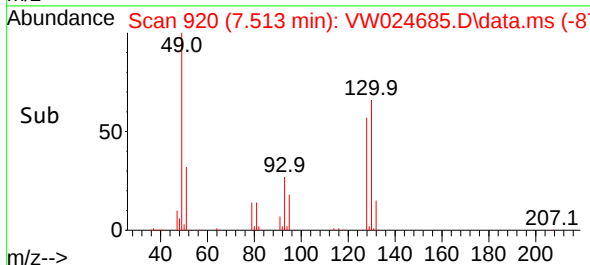
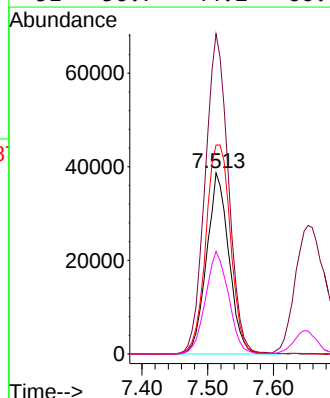
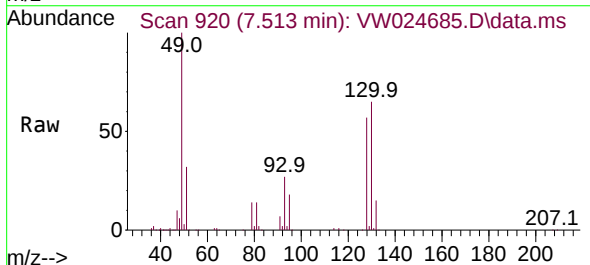
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

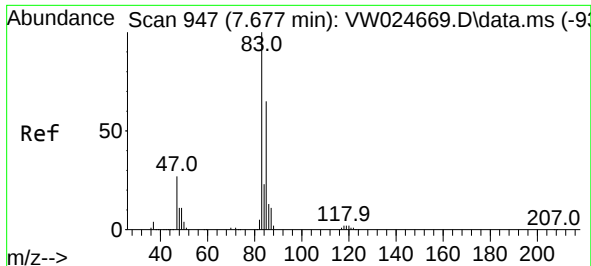
Tgt Ion: 43 Resp: 122889
Ion Ratio Lower Upper
43 100
72 27.7 13.8 41.3



#23
Bromochloromethane
Concen: 28.170 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion: 128 Resp: 91155
Ion Ratio Lower Upper
128 100
49 176.8 127.3 236.3
130 115.4 90.2 167.4
51 56.7 44.2 66.4

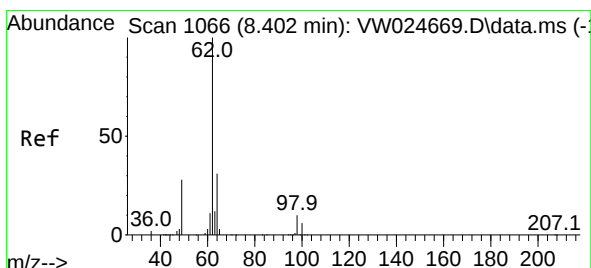
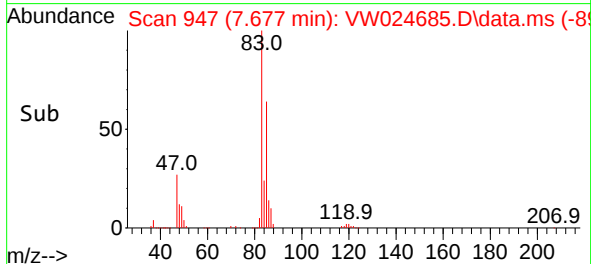
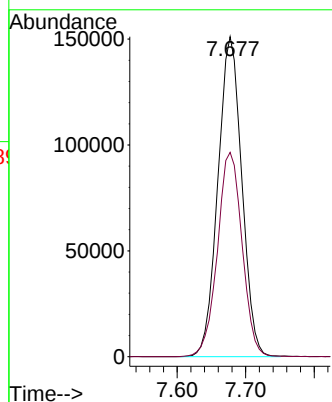
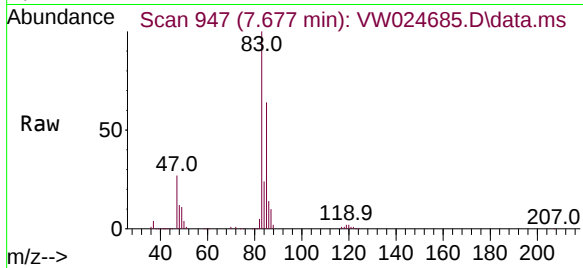




#25
Chloroform
Concen: 27.750 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

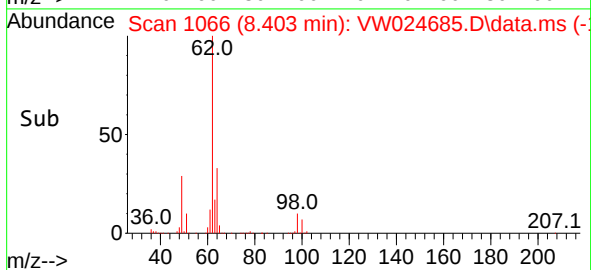
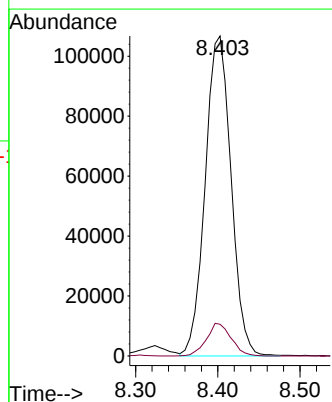
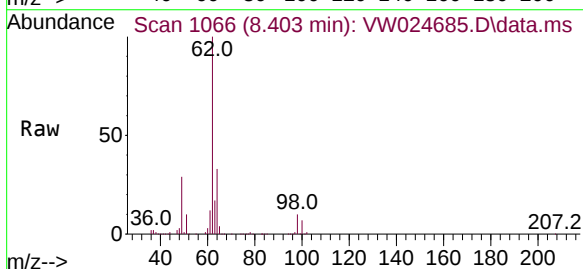
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

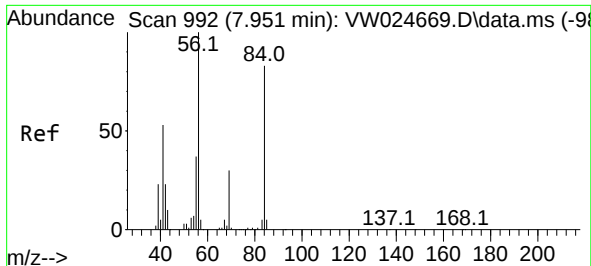
Tgt Ion: 83 Resp: 365307
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 28.198 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion: 62 Resp: 233576
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#29

Cyclohexane

Concen: 26.930 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

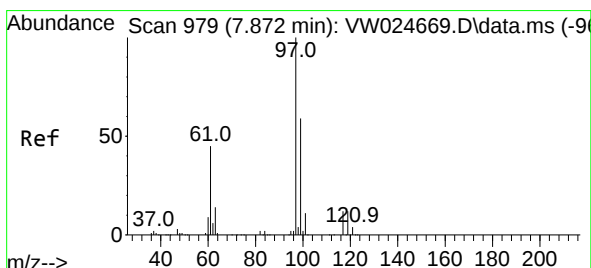
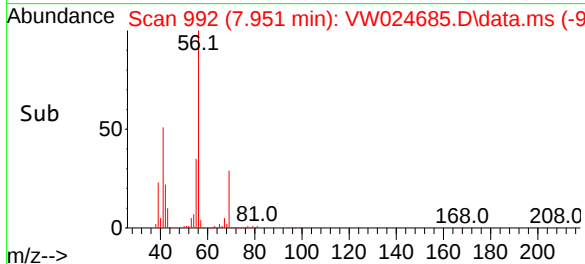
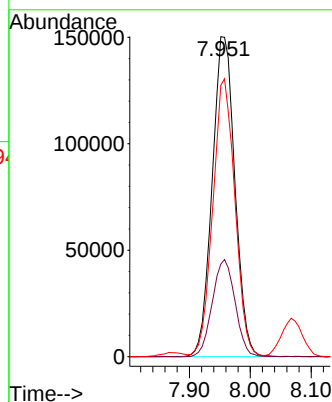
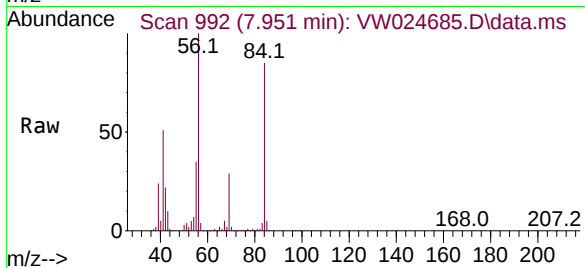
Tgt Ion: 56 Resp: 389684

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 84.6 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 27.238 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

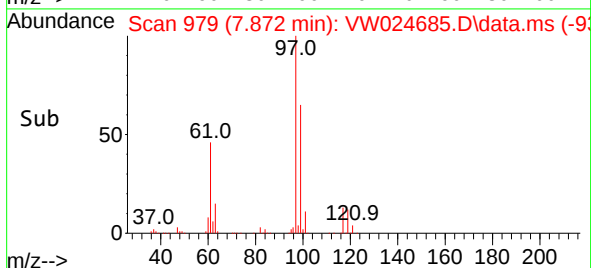
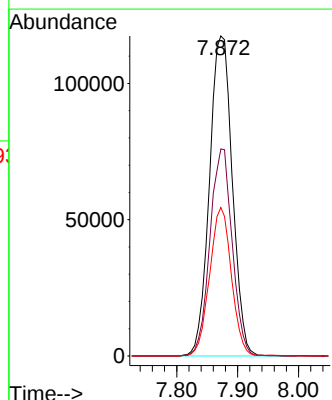
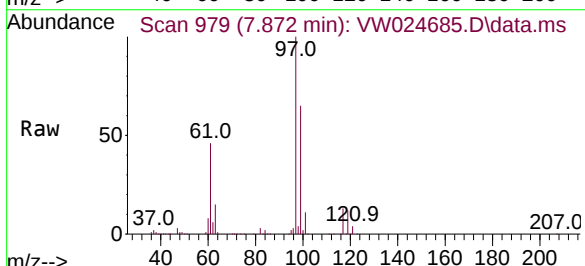
Tgt Ion: 97 Resp: 306206

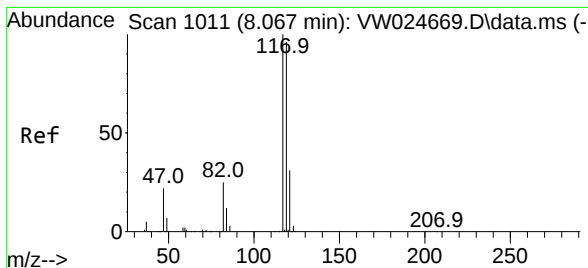
Ion Ratio Lower Upper

97 100

99 62.9 51.1 76.7

61 44.2 35.8 53.6

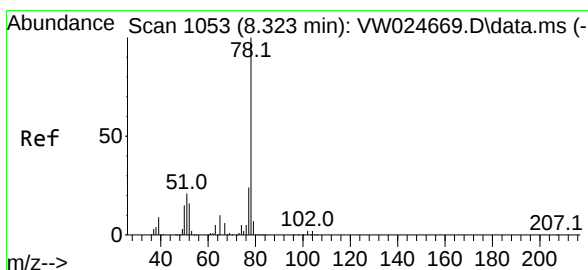
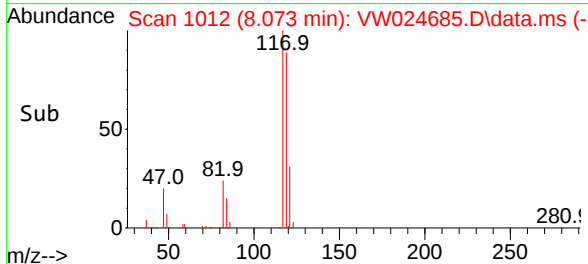
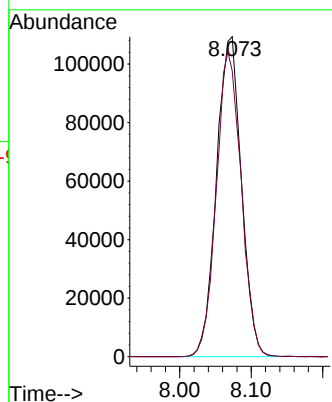
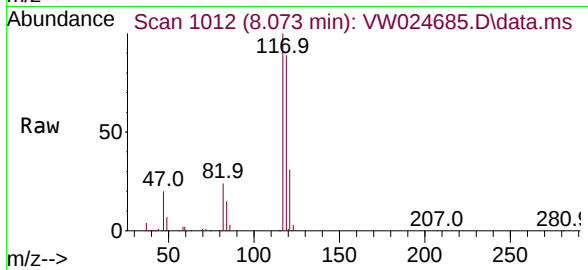




#31
Carbon tetrachloride
Concen: 27.842 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

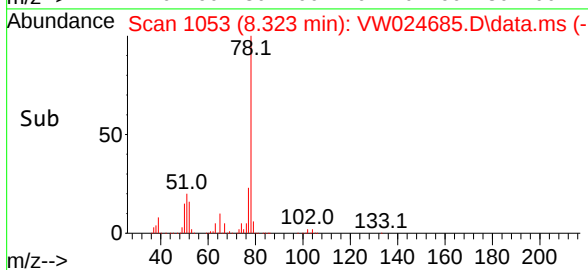
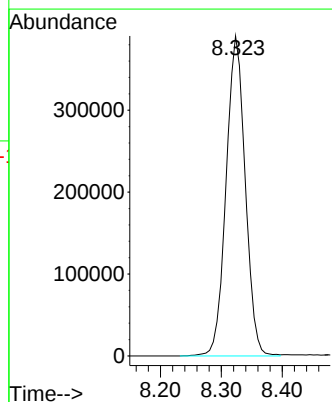
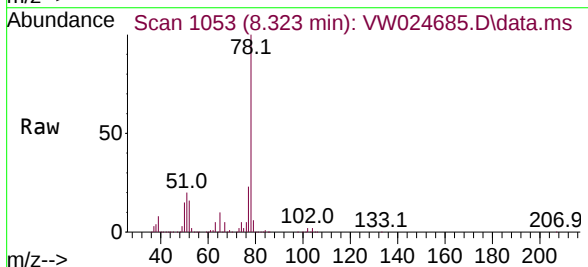
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

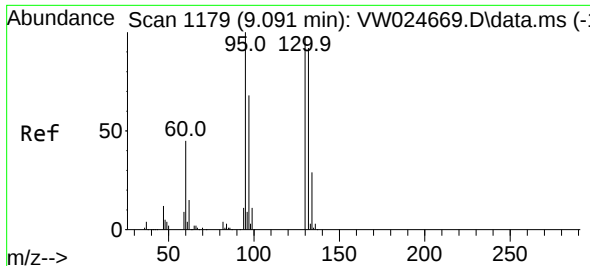
Tgt Ion:117 Resp: 265054
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.2



#33
Benzene
Concen: 26.221 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion: 78 Resp: 852631





#34

Trichloroethene

Concen: 26.360 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

Tgt Ion: 95 Resp: 217251

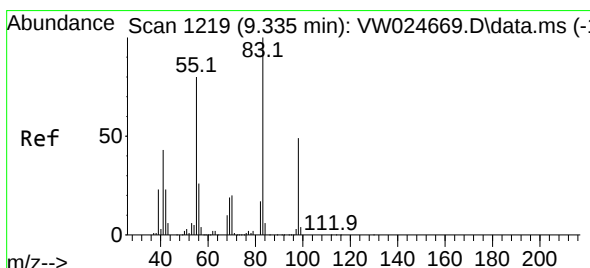
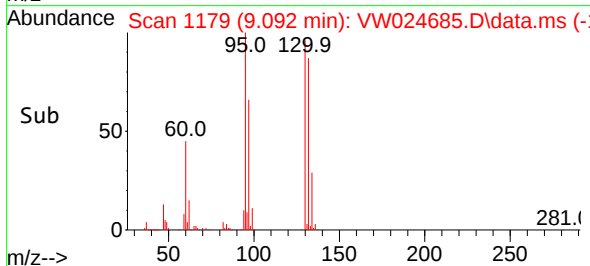
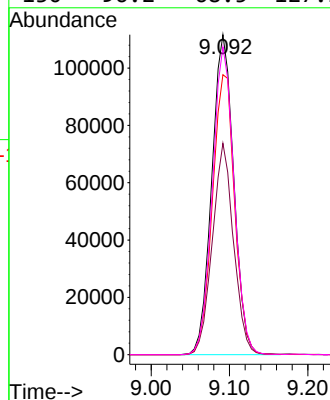
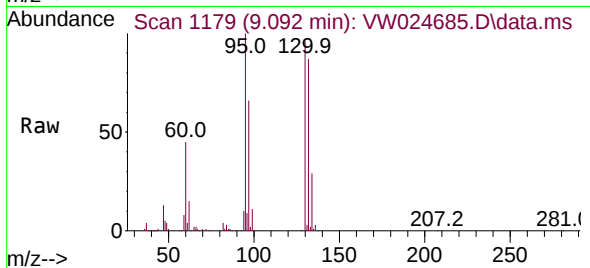
Ion Ratio Lower Upper

95 100

97 66.1 43.5 80.9

132 87.5 61.2 113.8

130 96.2 68.5 127.1



#35

Methylcyclohexane

Concen: 26.854 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

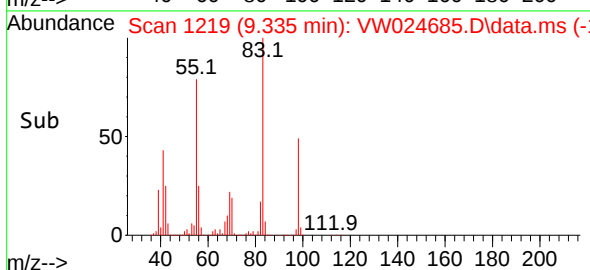
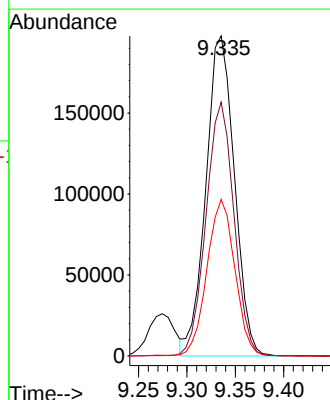
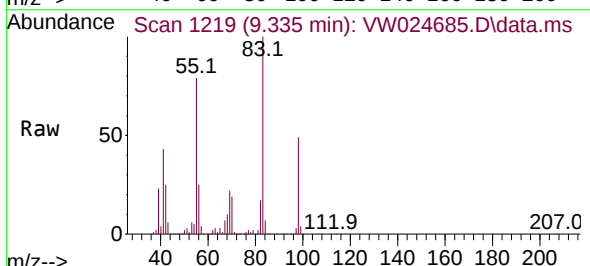
Tgt Ion: 83 Resp: 405715

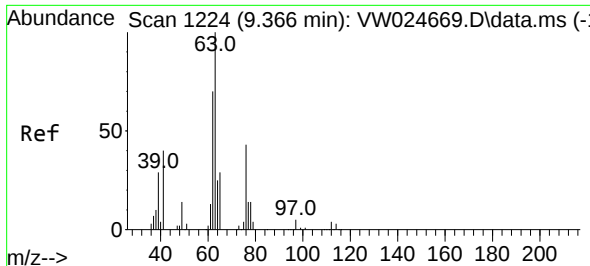
Ion Ratio Lower Upper

83 100

55 77.6 63.1 94.7

98 47.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.650 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

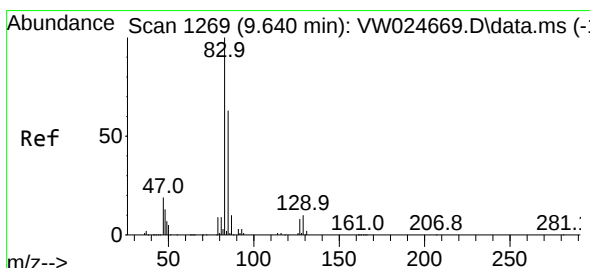
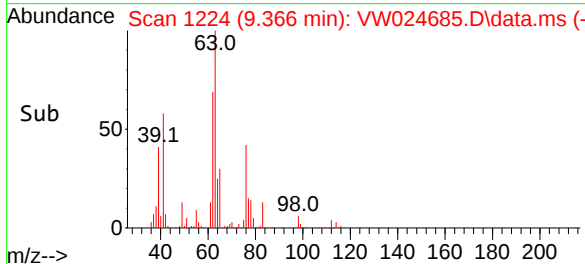
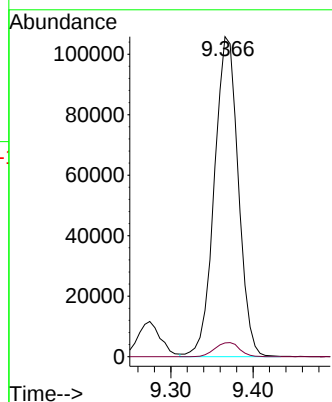
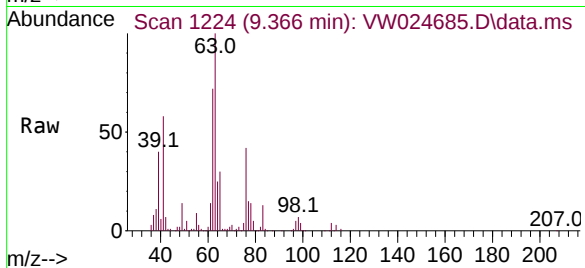
VSTD025579

Tgt Ion: 63 Resp: 213932

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 26.779 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

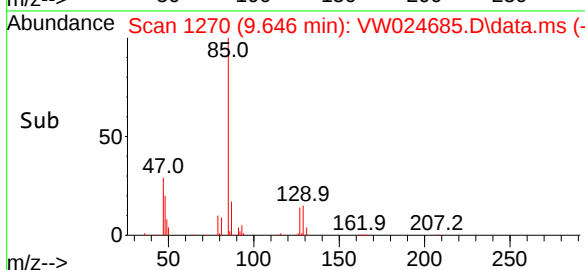
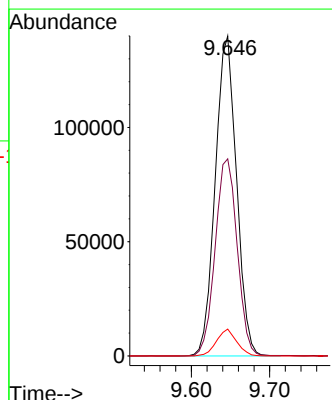
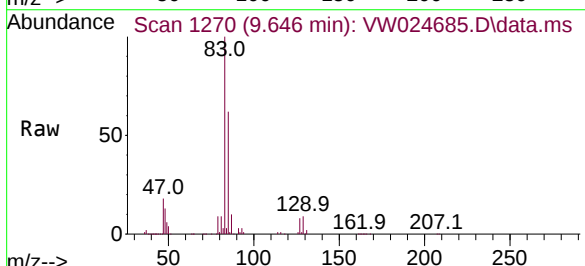
Tgt Ion: 83 Resp: 264437

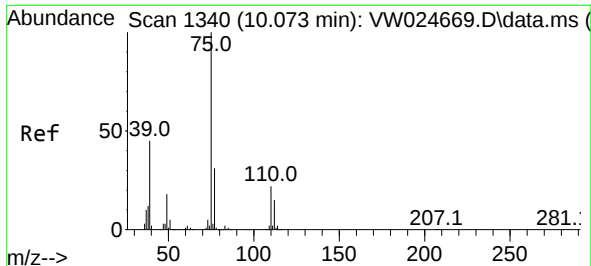
Ion Ratio Lower Upper

83 100

85 61.6 45.6 84.8

127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.406 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

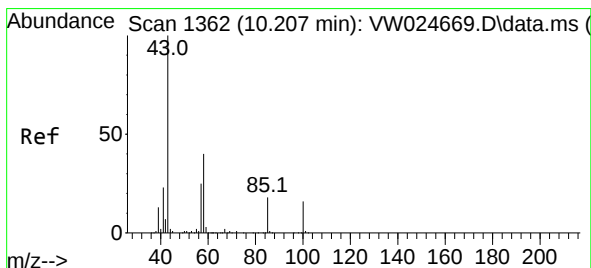
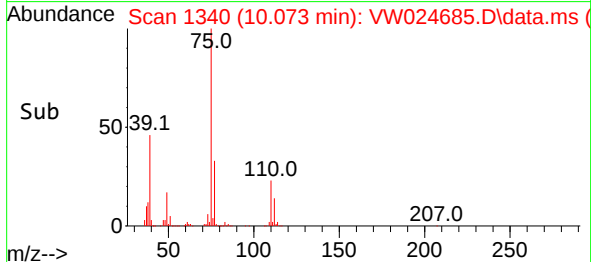
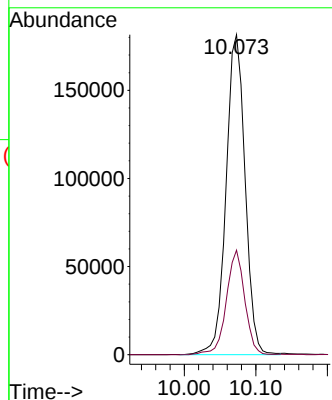
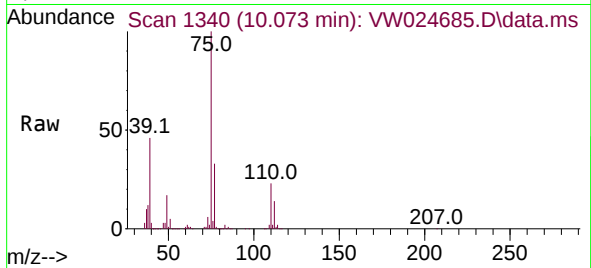
VSTD025579

Tgt Ion: 75 Resp: 335215

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.553 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

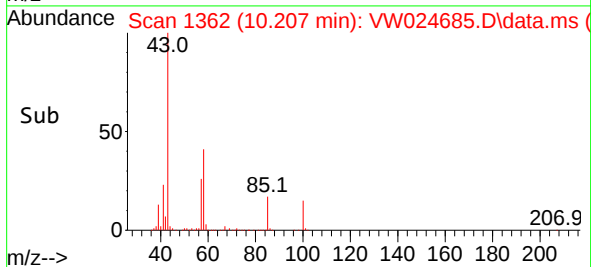
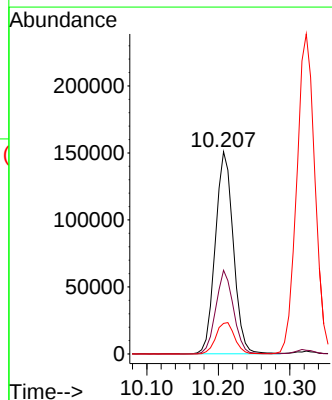
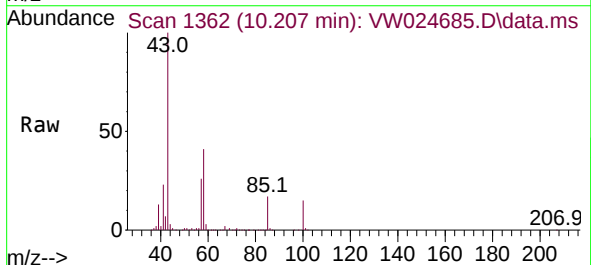
Tgt Ion: 43 Resp: 263968

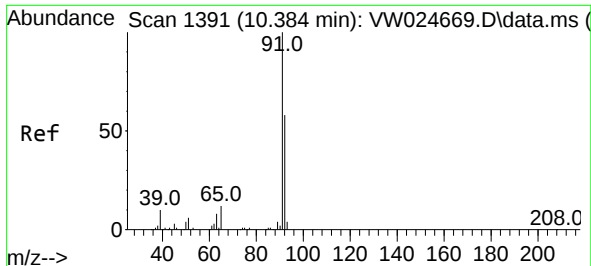
Ion Ratio Lower Upper

43 100

58 40.4 32.9 49.3

100 16.1 12.6 19.0

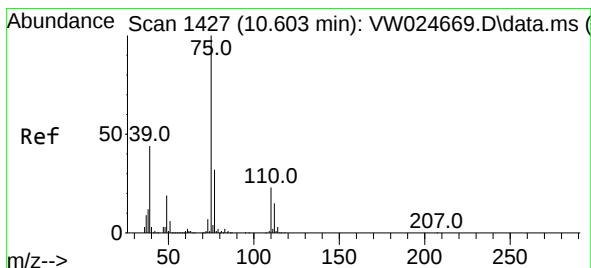
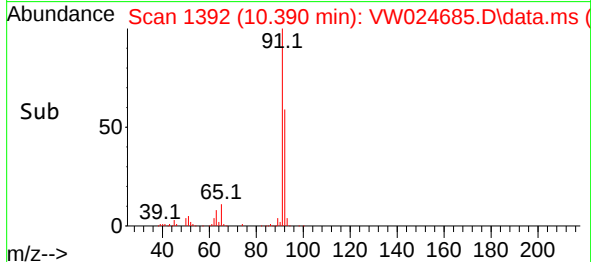
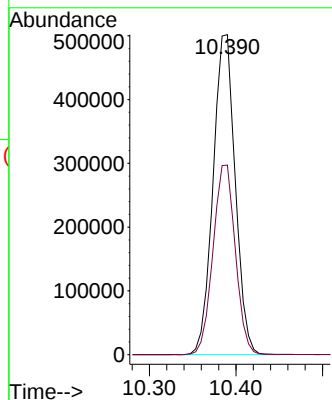
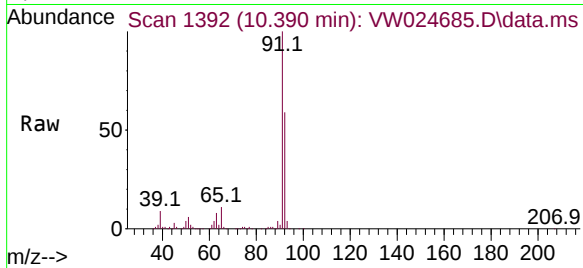




#42
Toluene
Concen: 26.574 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

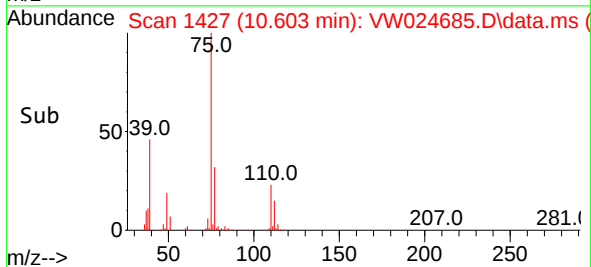
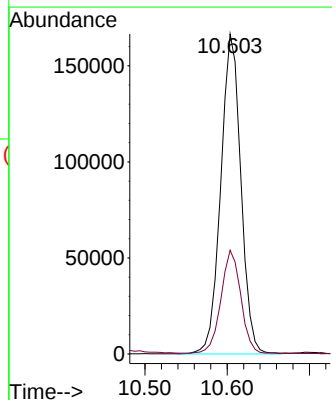
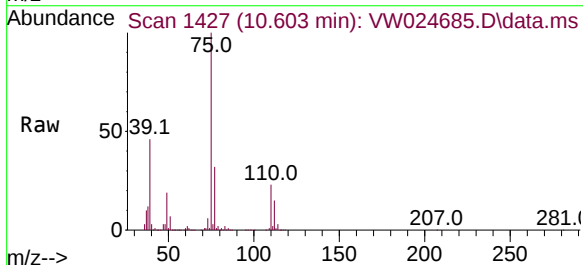
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

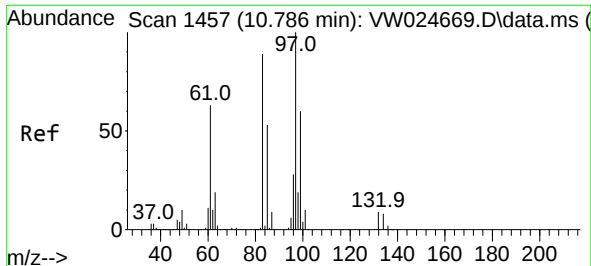
Tgt Ion: 91 Resp: 892341
Ion Ratio Lower Upper
91 100
92 59.2 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 26.056 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion: 75 Resp: 283584
Ion Ratio Lower Upper
75 100
77 32.4 21.3 39.6

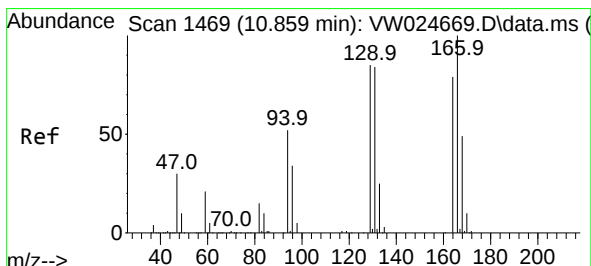
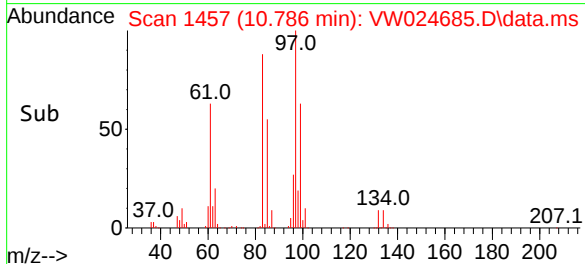
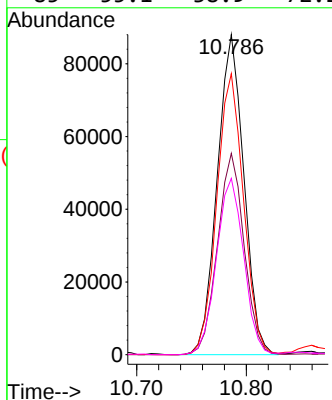
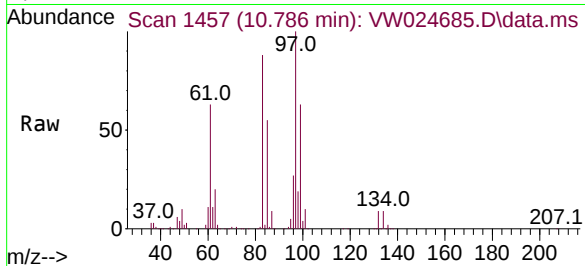




#45
1,1,2-Trichloroethane
Concen: 27.100 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

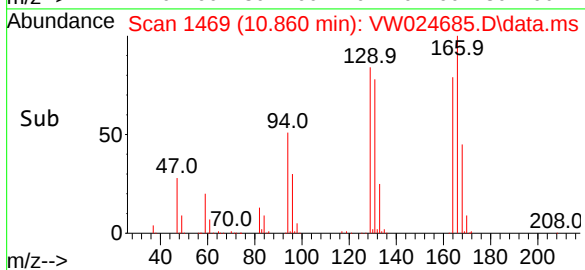
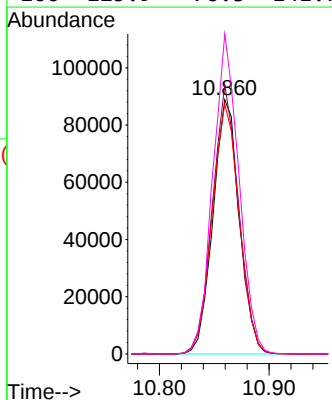
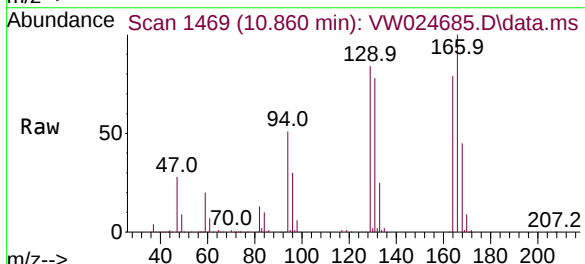
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

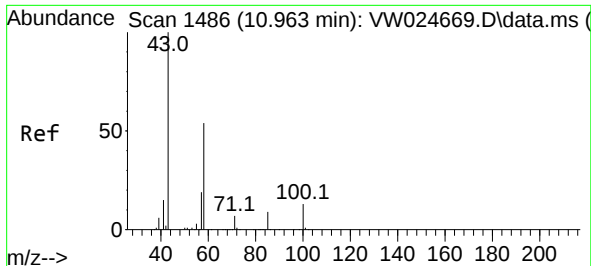
Tgt Ion:	97	Resp:	148594
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.4
83	87.8	60.1	111.5
85	55.1	38.9	72.2



#46
Tetrachloroethene
Concen: 26.516 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion:	164	Resp:	148483
Ion	Ratio	Lower	Upper
164	100		
129	105.9	74.1	137.5
131	98.2	71.5	132.7
166	125.9	76.3	141.7

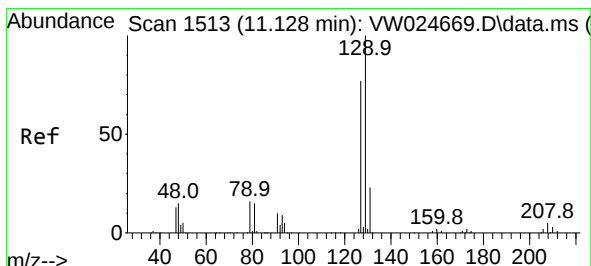
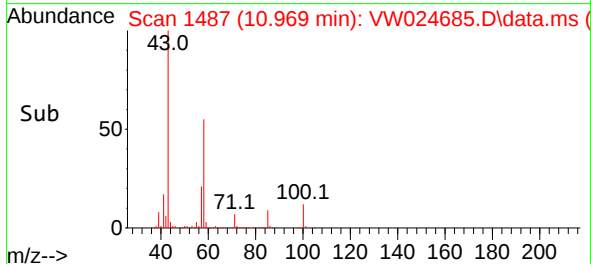
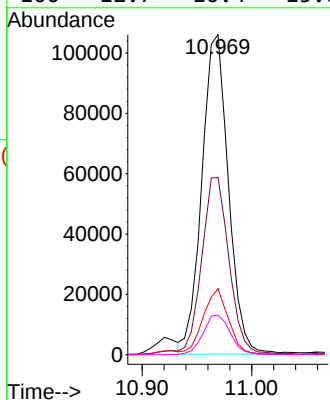
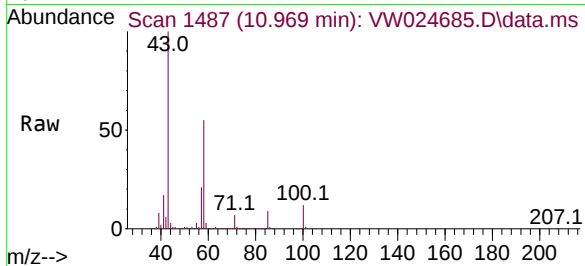




#48
2-Hexanone
Concen: 55.619 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

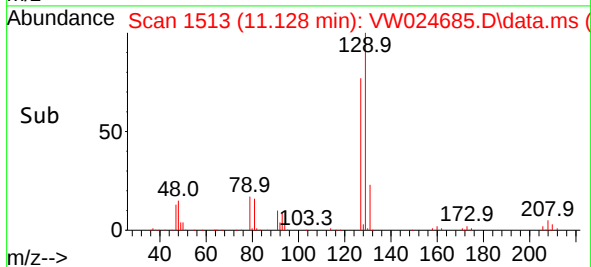
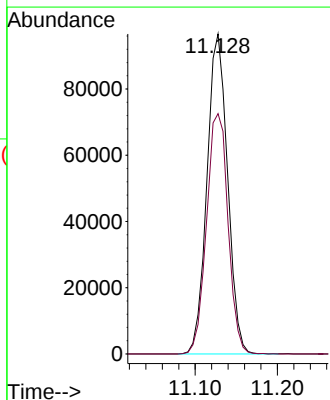
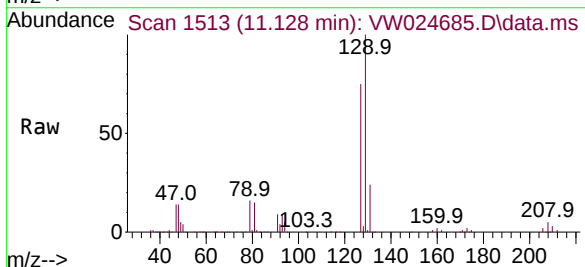
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

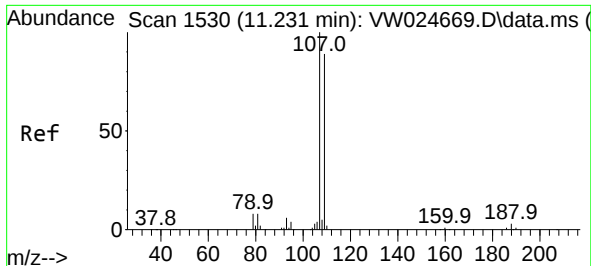
Tgt Ion: 43 Resp: 178706
Ion Ratio Lower Upper
43 100
58 57.0 45.3 67.9
57 19.8 16.3 24.5
100 12.7 10.4 15.6



#49
Dibromochloromethane
Concen: 27.233 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion:129 Resp: 168145
Ion Ratio Lower Upper
129 100
127 75.1 52.4 97.4





#50

1,2-Dibromoethane

Concen: 27.382 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

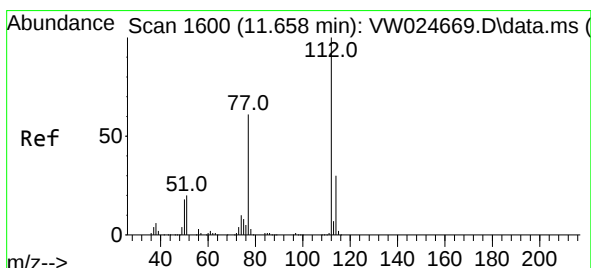
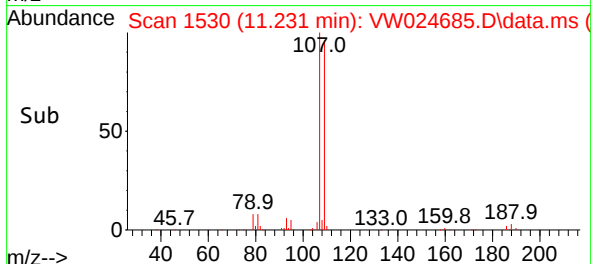
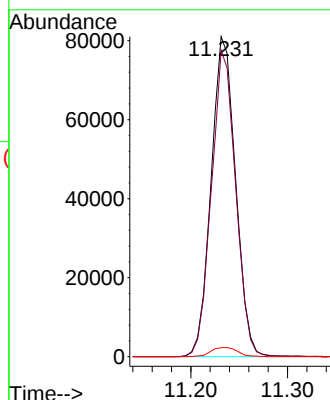
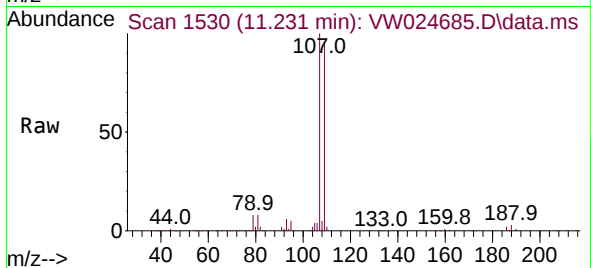
Tgt Ion:107 Resp: 142115

Ion Ratio Lower Upper

107 100

109 95.7 65.5 121.7

188 2.8 2.4 3.6



#51

Chlorobenzene

Concen: 26.903 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

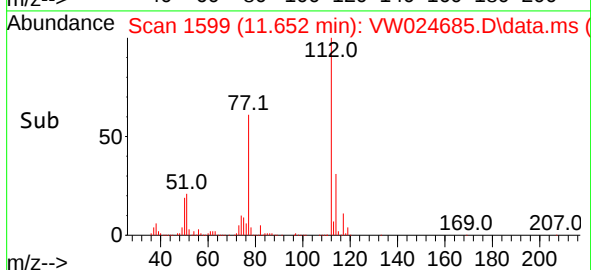
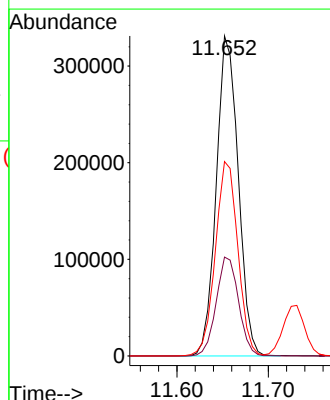
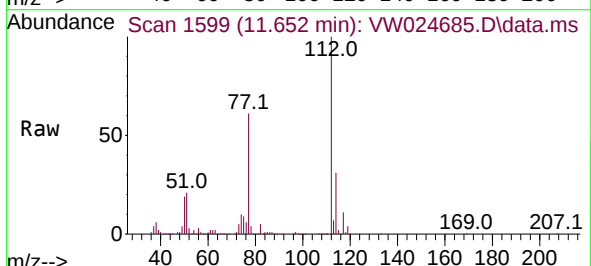
Tgt Ion:112 Resp: 553127

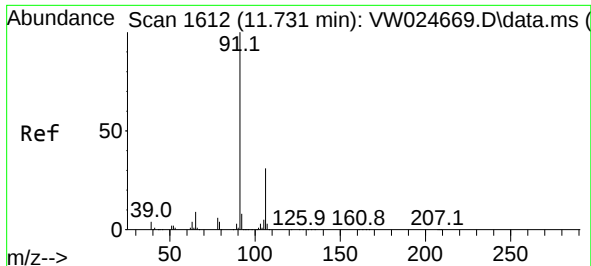
Ion Ratio Lower Upper

112 100

114 30.9 23.3 43.3

77 60.8 49.1 73.7

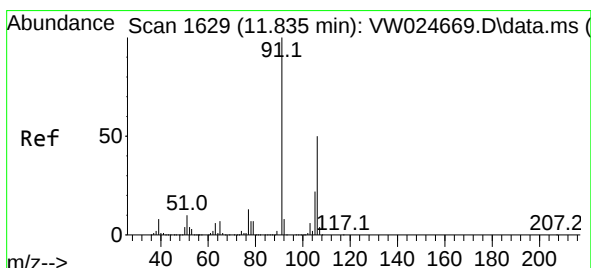
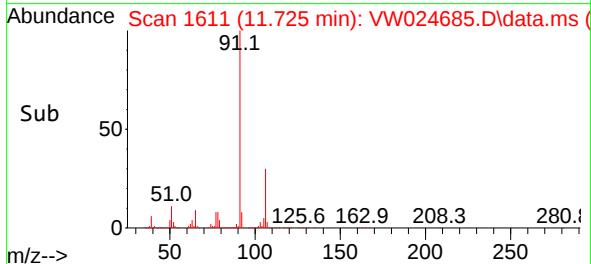
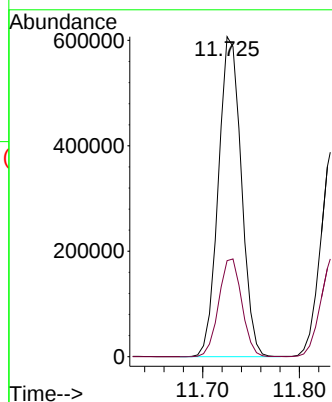
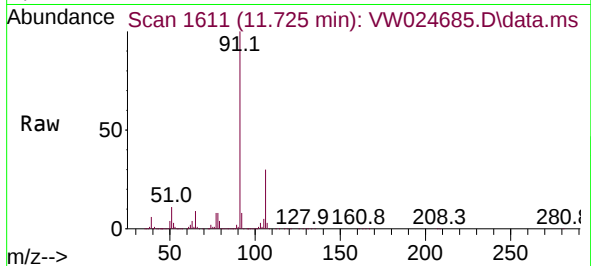




#52
Ethylbenzene
Concen: 26.973 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

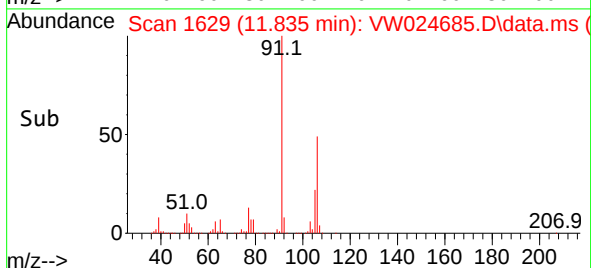
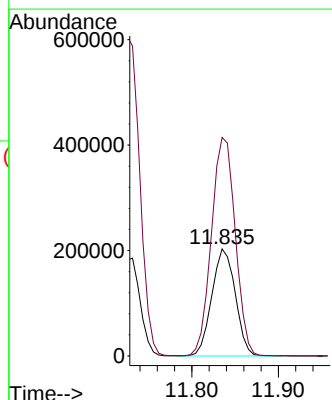
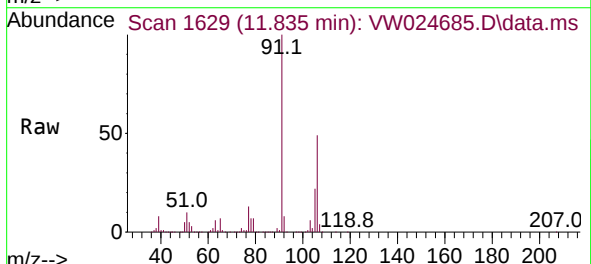
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

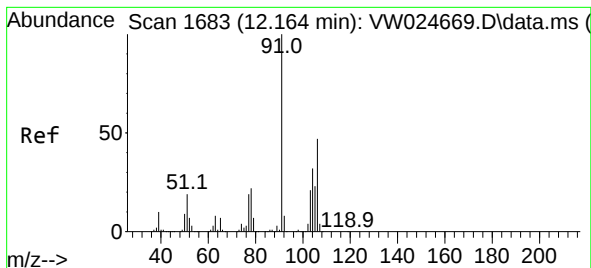
Tgt Ion: 91 Resp: 997661
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9



#53
m,p-Xylene
Concen: 26.449 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion:106 Resp: 382005
Ion Ratio Lower Upper
106 100
91 204.3 146.8 272.6





#54

o-Xylene

Concen: 26.979 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

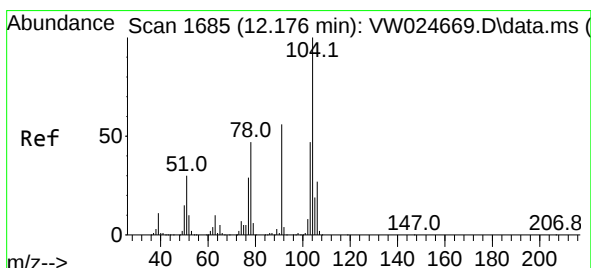
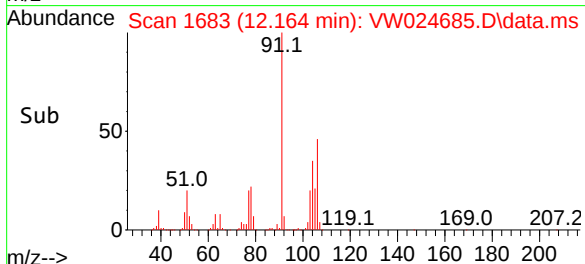
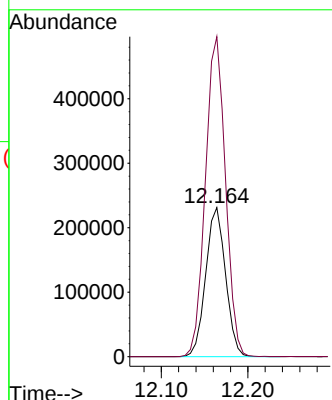
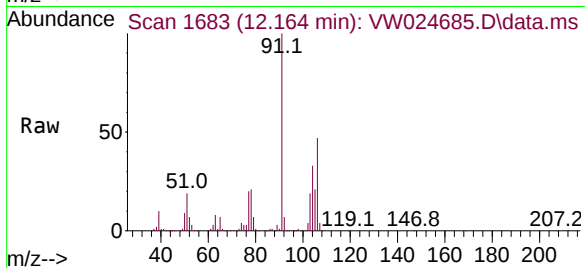
VSTD025579

Tgt Ion:106 Resp: 367971

Ion Ratio Lower Upper

106 100

91 214.5 146.3 271.7



#55

Styrene

Concen: 26.978 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024685.D

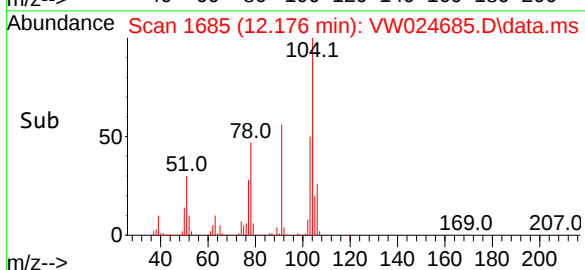
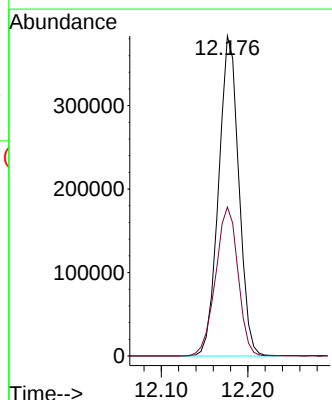
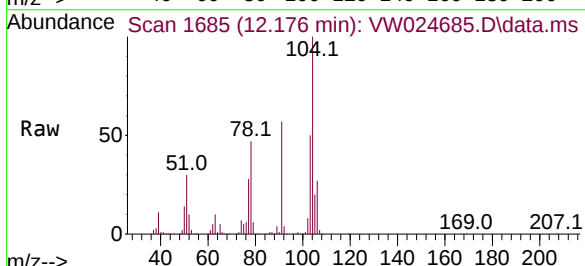
Acq: 29 Sep 2022 18:29

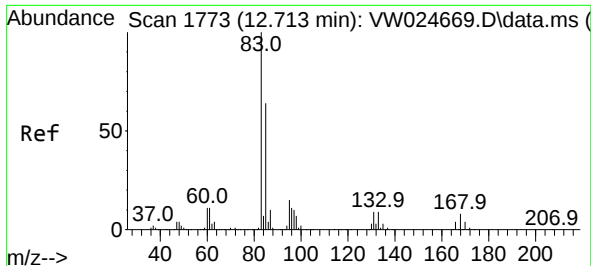
Tgt Ion:104 Resp: 620289

Ion Ratio Lower Upper

104 100

78 46.6 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 28.269 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

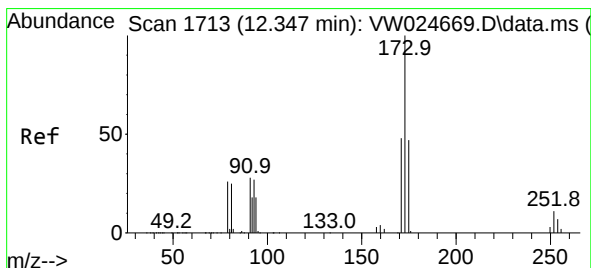
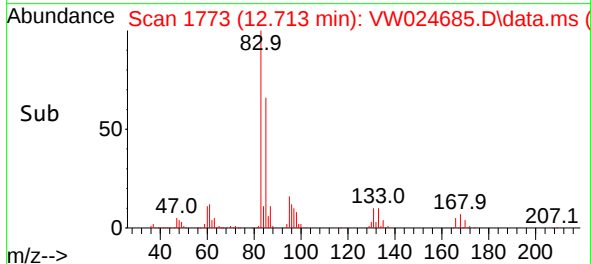
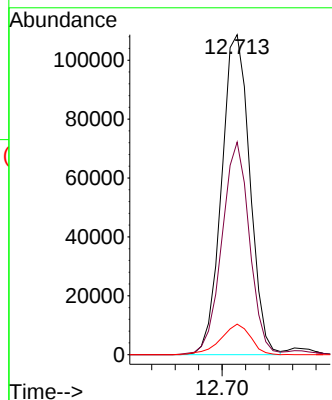
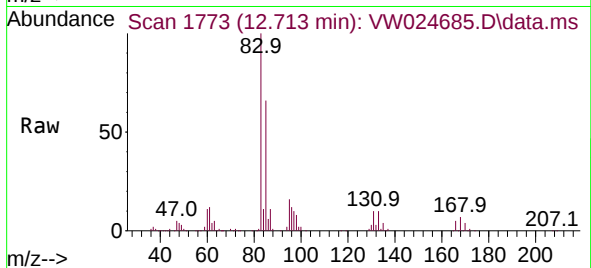
Tgt Ion: 83 Resp: 181493

Ion Ratio Lower Upper

83 100

85 66.5 45.2 84.0

131 9.5 7.3 10.9



#59

Bromoform

Concen: 27.013 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

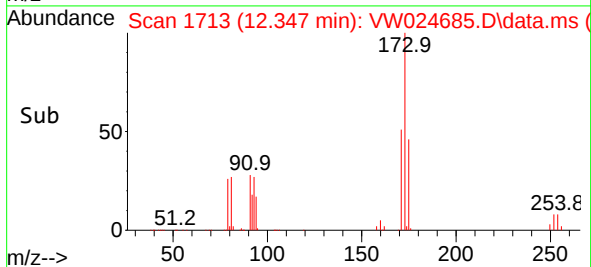
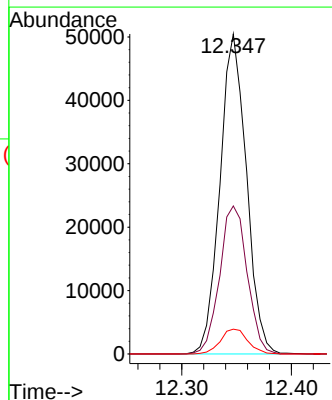
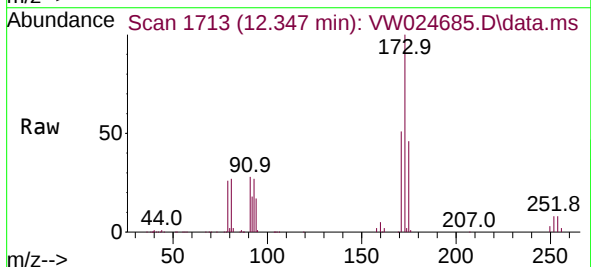
Tgt Ion:173 Resp: 84637

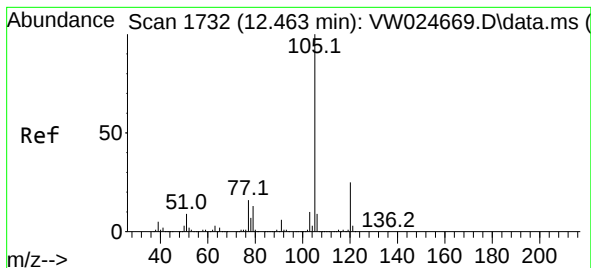
Ion Ratio Lower Upper

173 100

175 48.1 37.7 56.5

254 8.1 6.7 10.1





#60

Isopropylbenzene

Concen: 26.770 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

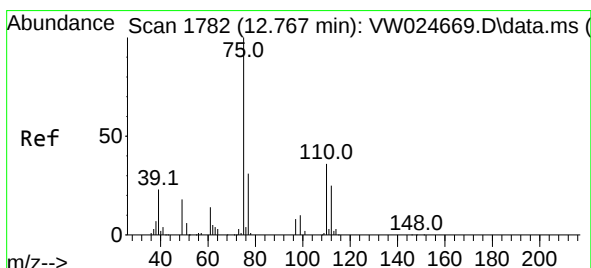
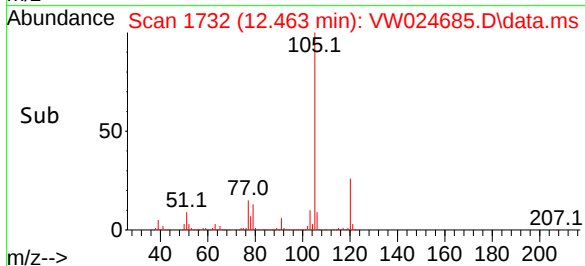
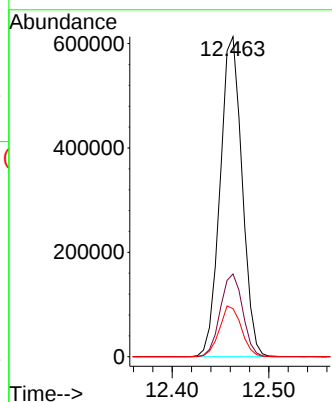
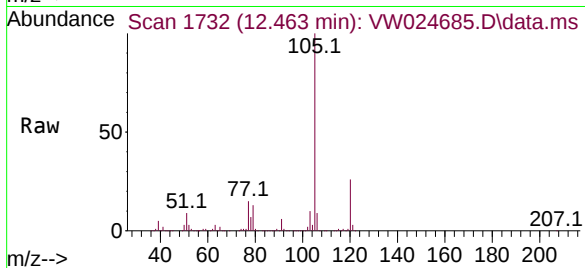
Tgt Ion:105 Resp: 967104

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 15.8 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 28.068 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

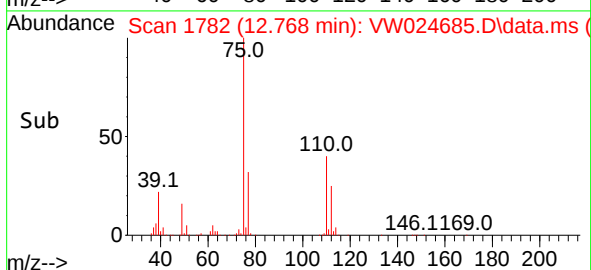
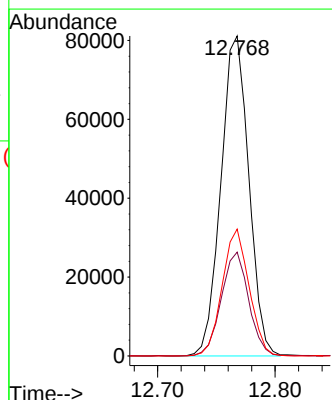
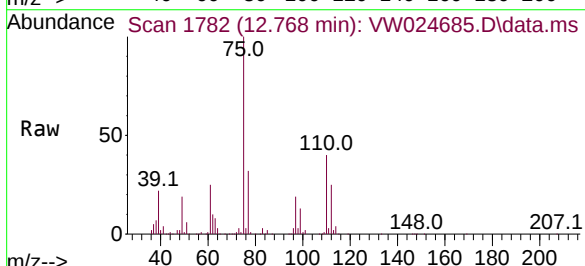
Tgt Ion: 75 Resp: 134013

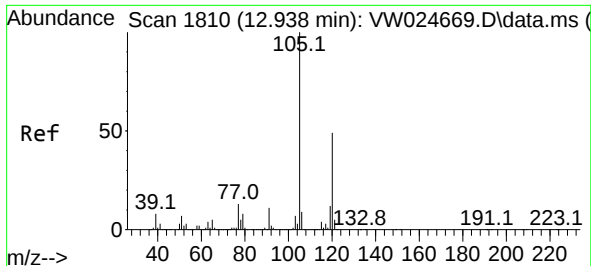
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

110 38.2 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 27.277 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

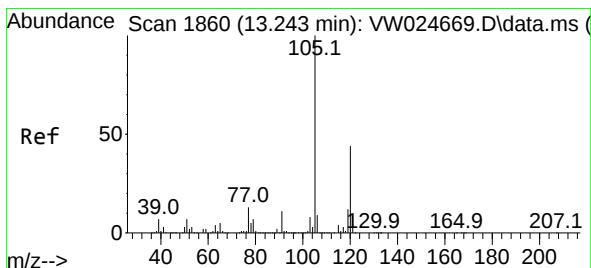
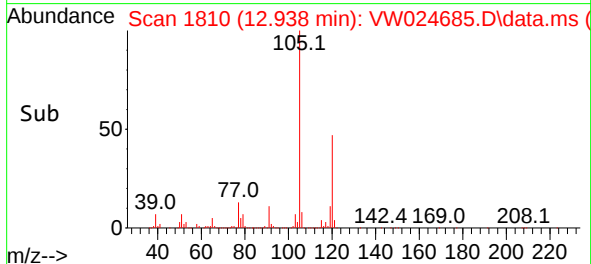
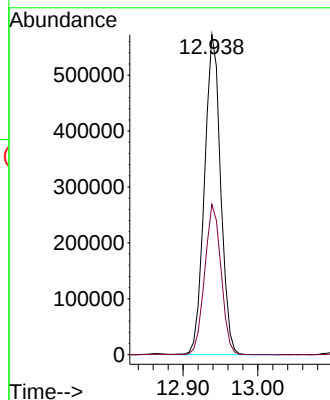
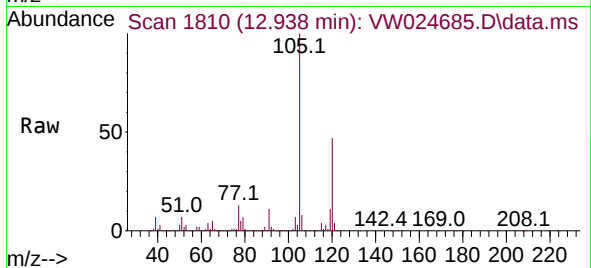
VSTD025579

Tgt Ion:105 Resp: 856463

Ion Ratio Lower Upper

105 100

120 47.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 27.299 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW024685.D

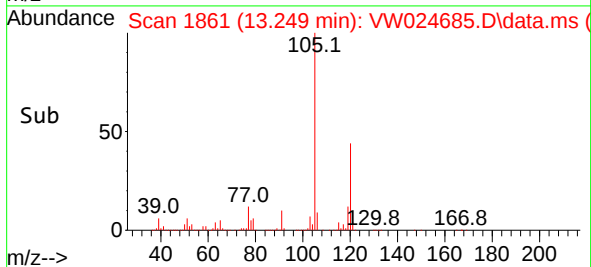
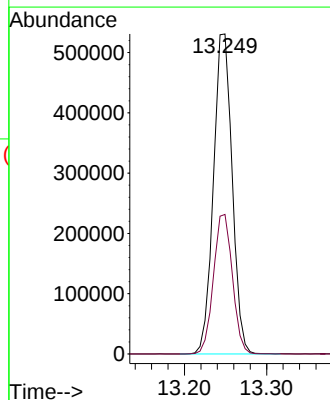
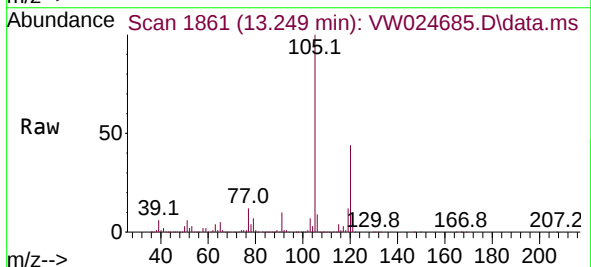
Acq: 29 Sep 2022 18:29

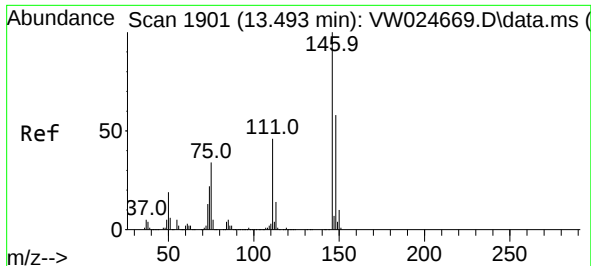
Tgt Ion:105 Resp: 839720

Ion Ratio Lower Upper

105 100

120 44.1 35.2 52.8

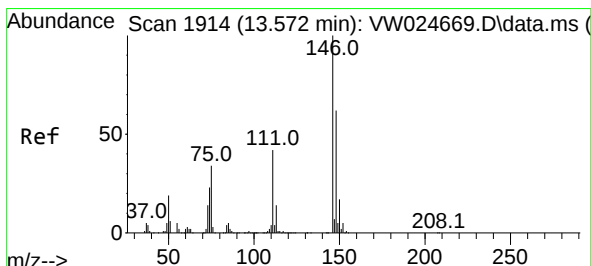
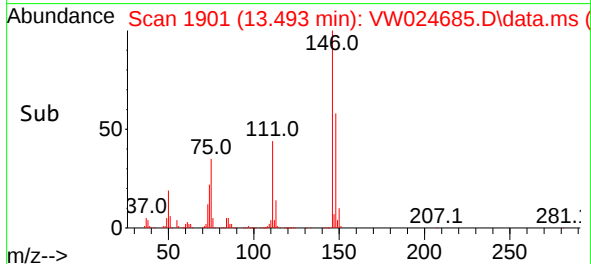
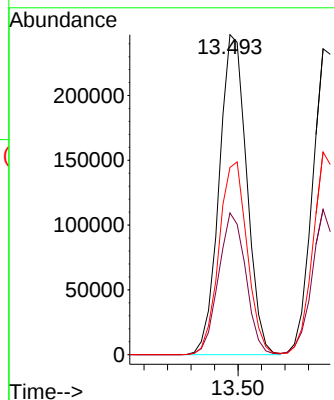
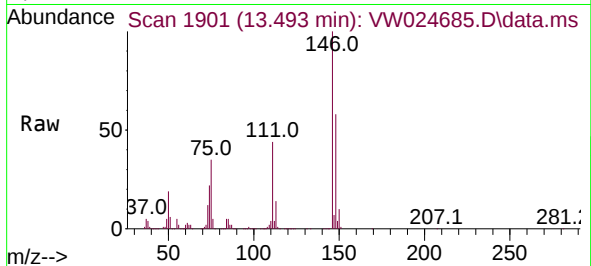




#64
1,3-Dichlorobenzene
Concen: 27.434 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

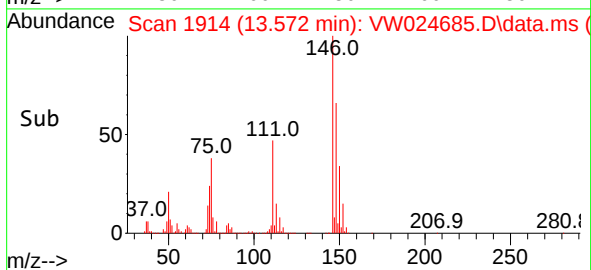
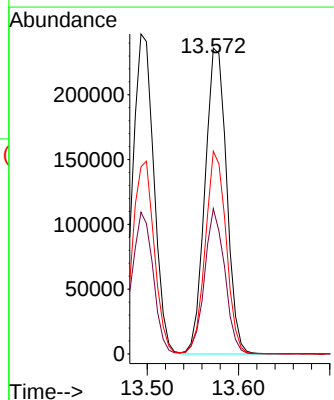
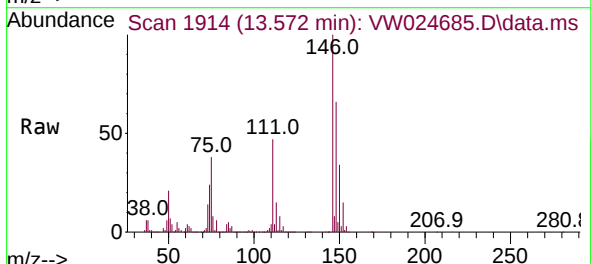
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

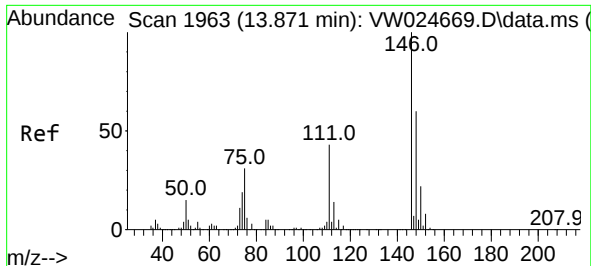
Tgt Ion:146 Resp: 402638
Ion Ratio Lower Upper
146 100
111 44.3 31.6 58.6
148 58.5 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 27.146 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion:146 Resp: 387835
Ion Ratio Lower Upper
146 100
111 47.5 29.4 54.6
148 66.2 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 27.441 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

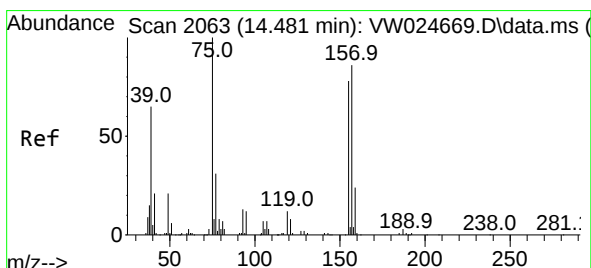
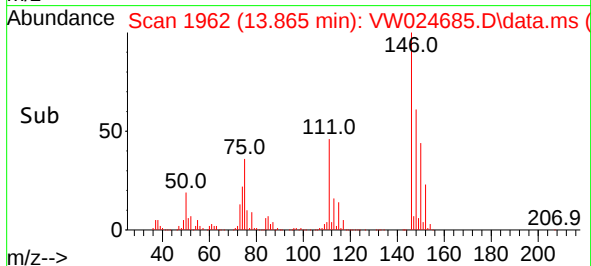
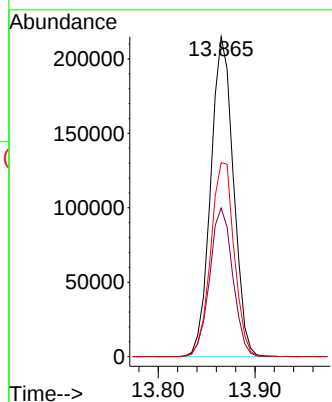
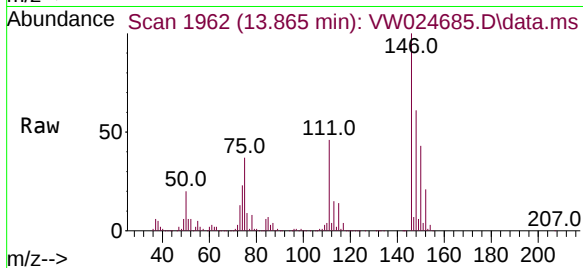
Tgt Ion:146 Resp: 350790

Ion Ratio Lower Upper

146 100

111 46.5 37.2 55.8

148 60.6 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 27.416 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

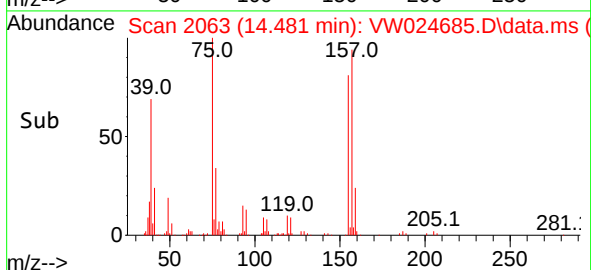
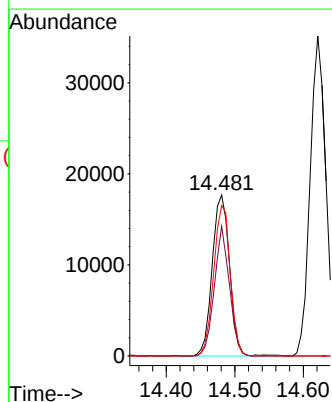
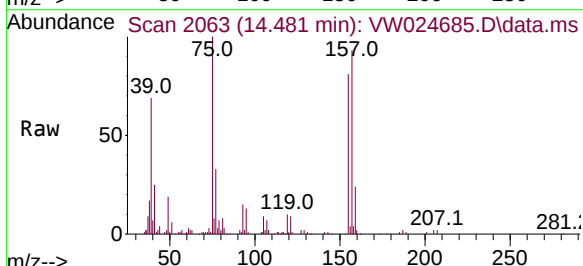
Tgt Ion: 75 Resp: 30955

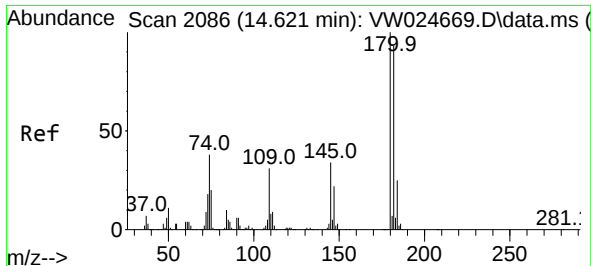
Ion Ratio Lower Upper

75 100

155 80.6 57.6 86.4

157 93.4 73.0 109.6

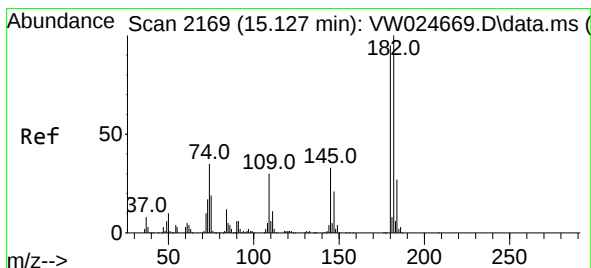
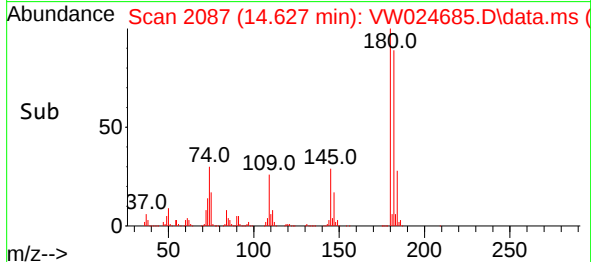
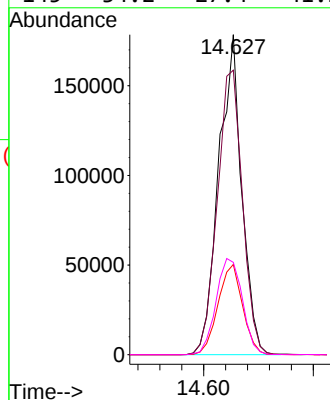
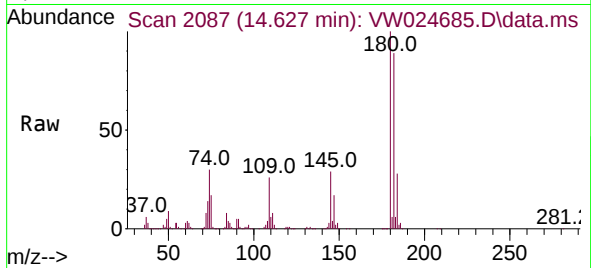




#69
1,3,5-Trichlorobenzene
Concen: 26.715 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

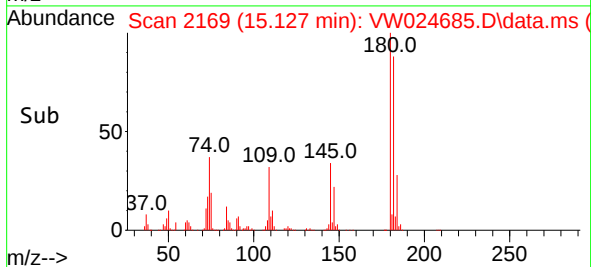
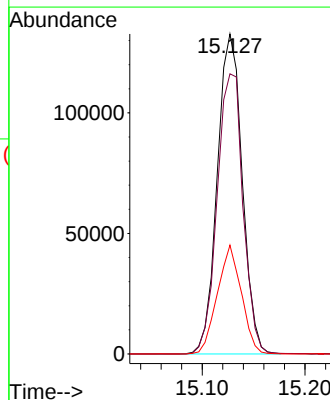
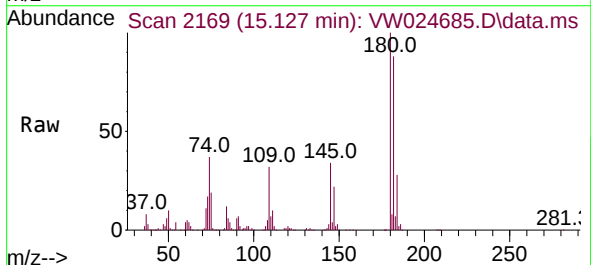
Instrument :
MSVOA_W
ClientSampleId :
VSTD025579

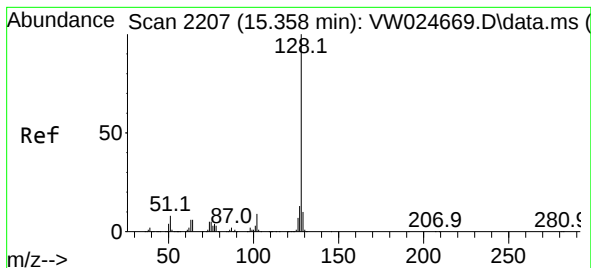
Tgt Ion:180 Resp: 260330
Ion Ratio Lower Upper
180 100
182 97.4 77.1 115.7
184 30.1 23.3 34.9
145 34.2 27.4 41.2



#70
1,2,4-trichlorobenzene
Concen: 27.331 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024685.D
Acq: 29 Sep 2022 18:29

Tgt Ion:180 Resp: 223748
Ion Ratio Lower Upper
180 100
182 91.0 76.8 115.2
145 32.7 29.0 43.4





#71

Naphthalene

Concen: 27.514 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025579

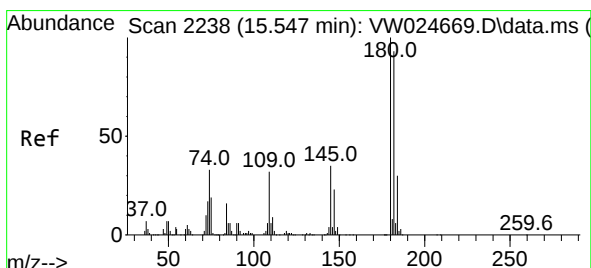
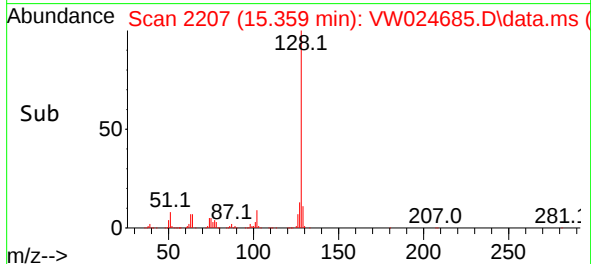
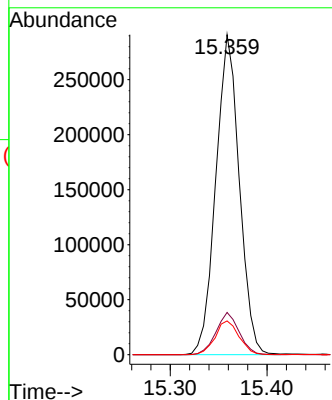
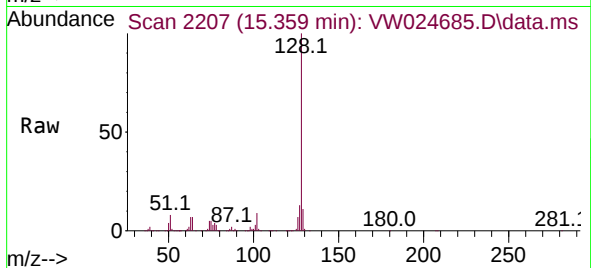
Tgt Ion:128 Resp: 490446

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.374 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024685.D

Acq: 29 Sep 2022 18:29

Tgt Ion:180 Resp: 183763

Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.2

145 38.0 30.6 45.8

