

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072123\
 Data File : VW026628.D
 Acq On : 21 Jul 2023 08:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Jul 22 01:21:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 20 01:56:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	651822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	579166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	238396	21.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.720%
7) Chloroethane-d5	2.893	69	184282	23.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.560%
11) 1,1-Dichloroethene-d2	4.021	65	113939	22.067	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	7.081	46	137934	38.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.640%
24) Chloroform-d	7.648	84	503216	26.815	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.240%
26) 1,2-Dichloroethane-d4	8.307	65	260249	24.837	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.276	84	1010414	25.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.640%
36) 1,2-Dichloropropane-d6	9.270	67	312841	25.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	10.325	98	863538	25.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.280%
43) trans-1,3-Dichloroprop...	10.575	79	118202	24.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%
47) 2-Hexanone-d5	10.922	63	94438	39.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231346	22.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	257312	24.989	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	163276	22.206	ug/L	98
3) Chloromethane	2.222	50	231982	22.082	ug/L	99
5) Vinyl chloride	2.375	62	253081	22.858	ug/L	95
6) Bromomethane	2.783	94	138392	23.513	ug/L	92
8) Chloroethane	2.930	64	153584	24.807	ug/L	98
9) Trichlorofluoromethane	3.265	101	167374	20.410	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	104198	11.449	ug/L #	22
12) 1,1-Dichloroethene	4.045	96	209416	23.982	ug/L	87
13) Acetone	4.131	43	113207	44.290	ug/L	99
14) Carbon disulfide	4.393	76	708587	23.149	ug/L	97
15) Methyl Acetate	4.673	43	112461	18.313	ug/L	98
16) Methylene chloride	4.917	84	240992	20.928	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	232749	24.929	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	325079	22.247	ug/L	99
19) 1,1-Dichloroethane	6.216	63	477574	25.585	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	249391	25.796	ug/L	99
22) 2-Butanone	7.173	43	159347	40.939	ug/L	99
23) Bromochloromethane	7.514	128	100953	24.377	ug/L	95
25) Chloroform	7.673	83	444776	26.006	ug/L	99

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 Response via : Initial Calibration

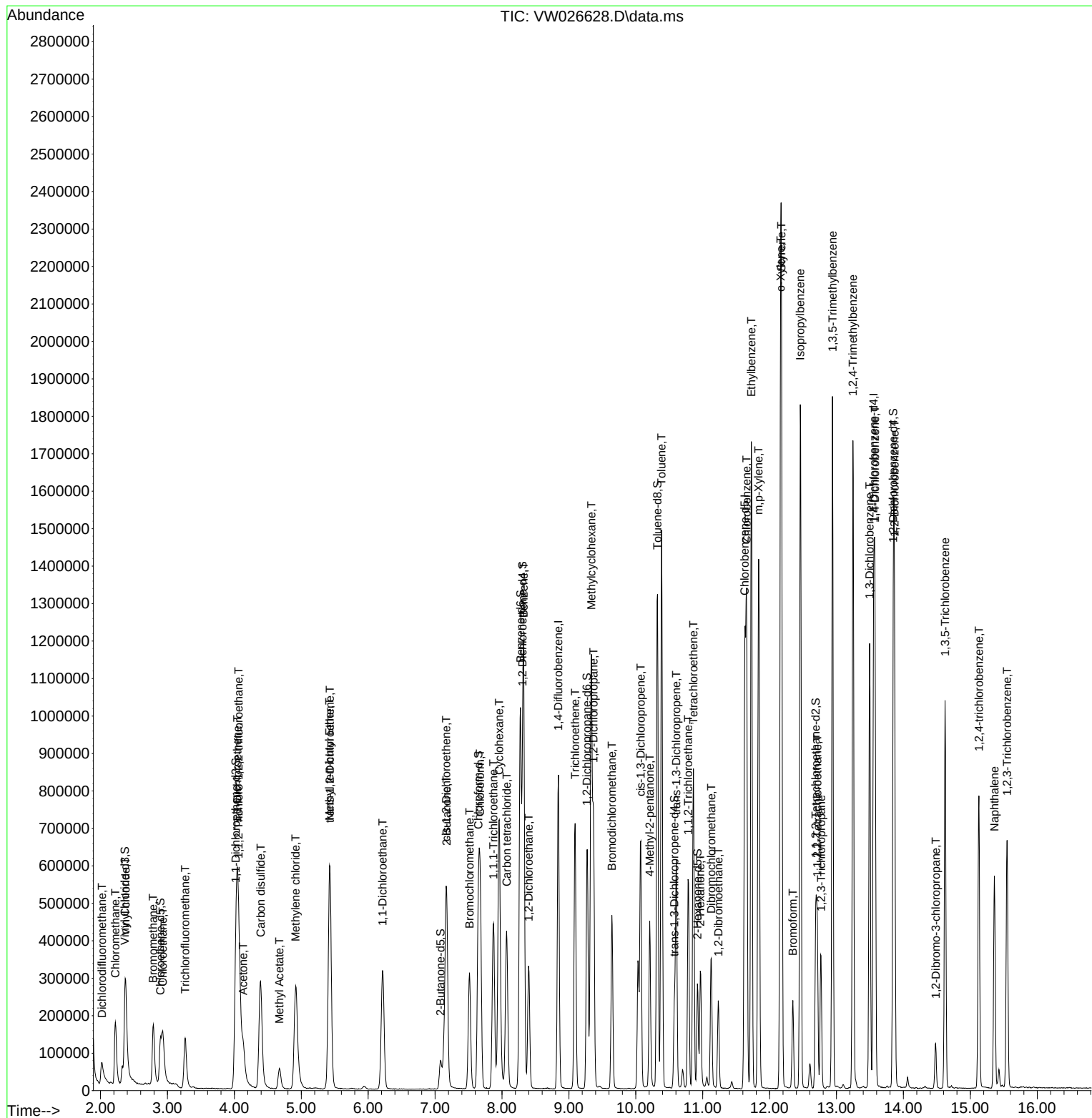
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	300573	24.965	ug/L	99
29) Cyclohexane	7.959	56	422508	23.430	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	365710	25.763	ug/L	99
31) Carbon tetrachloride	8.069	117	321525	24.952	ug/L	98
33) Benzene	8.325	78	1001603	25.099	ug/L	100
34) Trichloroethene	9.093	95	254010	24.780	ug/L	96
35) Methylcyclohexane	9.337	83	446403	24.253	ug/L	98
37) 1,2-Dichloropropane	9.367	63	268353	25.322	ug/L	99
38) Bromodichloromethane	9.642	83	307215	25.515	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	392510	25.726	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	302849	37.862	ug/L	99
42) Toluene	10.386	91	1043920	25.904	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	319885	24.859	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	170531	23.056	ug/L	97
46) Tetrachloroethene	10.861	164	183311	25.190	ug/L	86
48) 2-Hexanone	10.965	43	212419	38.053	ug/L	99
49) Dibromochloromethane	11.129	129	184930	25.251	ug/L	99
50) 1,2-Dibromoethane	11.233	107	156544	22.453	ug/L	99
51) Chlorobenzene	11.654	112	627457	25.394	ug/L	100
52) Ethylbenzene	11.727	91	1175839	26.208	ug/L	99
53) m,p-Xylene	11.837	106	439767	26.942	ug/L	86
54) o-Xylene	12.166	106	408538	26.666	ug/L	96
55) Styrene	12.178	104	693693	26.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	205311	21.151	ug/L	98
59) Bromoform	12.349	173	102468	23.100	ug/L	97
60) Isopropylbenzene	12.458	105	1146843	26.429	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	152993	20.197	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	902667	27.121	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	894030	27.094	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	449097	24.664	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	443027	24.397	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	410275	25.460	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	32561	18.060	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	294518	24.442	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	239441	24.215	ug/L	99
71) Naphthalene	15.360	128	456233	20.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	211599	22.731	ug/L	99

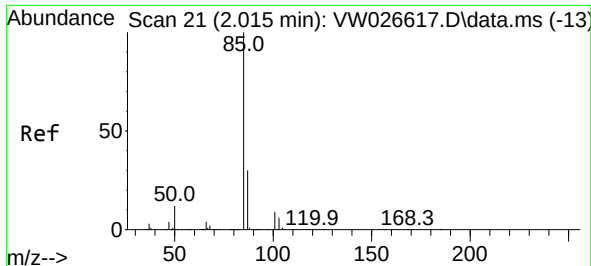
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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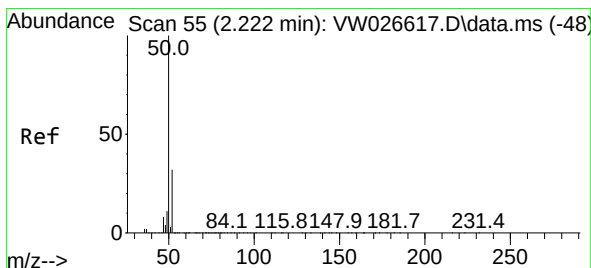
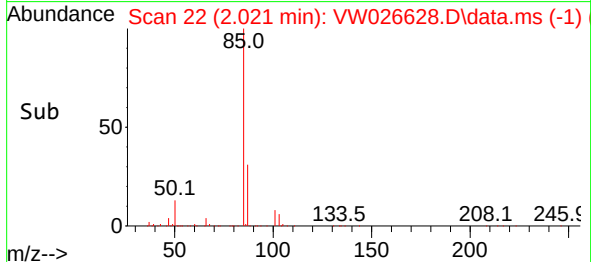
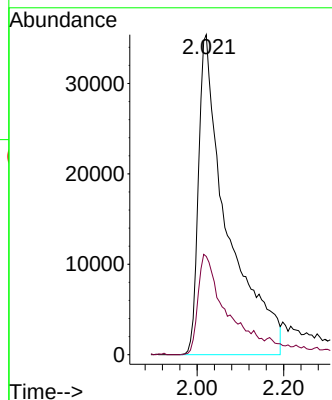
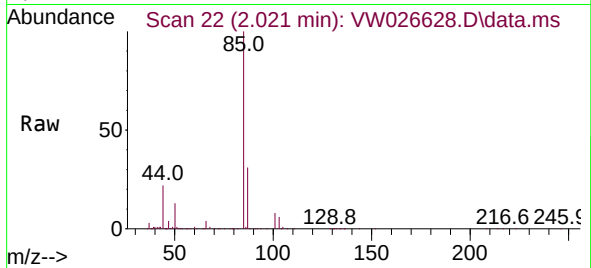




#2
 Dichlorodifluoromethane
 Concen: 22.206 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026628.D
 Acq: 21 Jul 2023 08:53

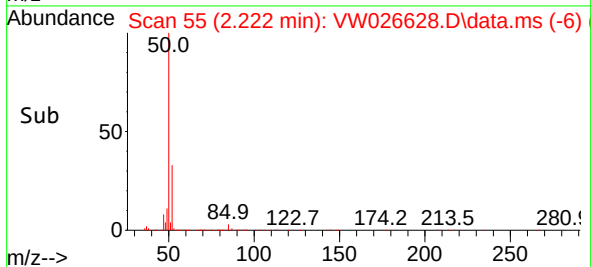
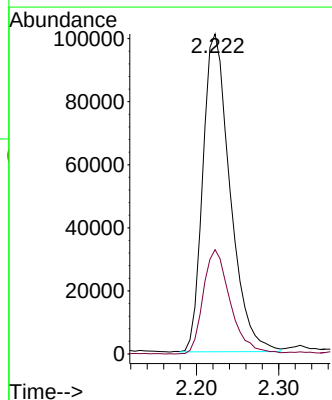
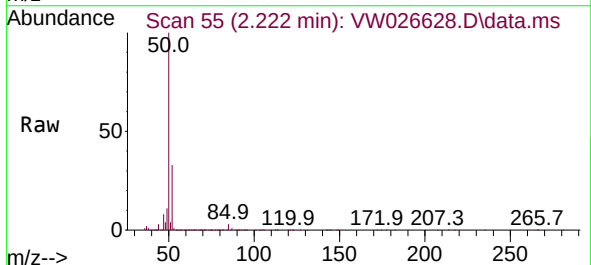
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 MSVOA_W
 ClientSampleId :
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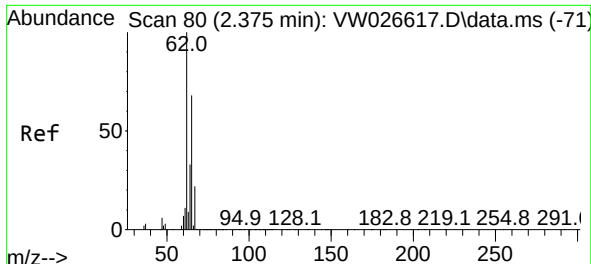
Tgt Ion: 85 Resp: 163276
 Ion Ratio Lower Upper
 85 100
 87 25.6 21.4 32.0



#3
 Chloromethane
 Concen: 22.082 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026628.D
 Acq: 21 Jul 2023 08:53

Tgt Ion: 50 Resp: 231982
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.7

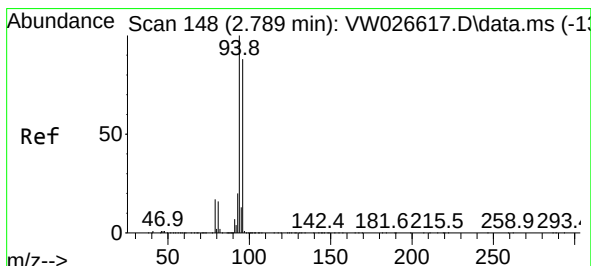
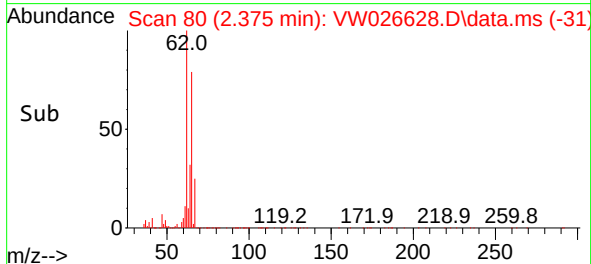
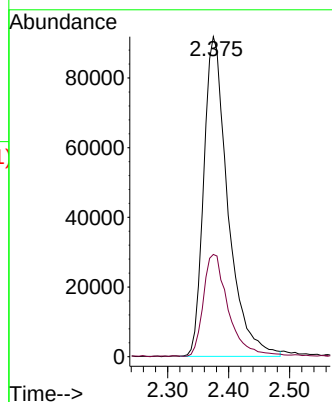
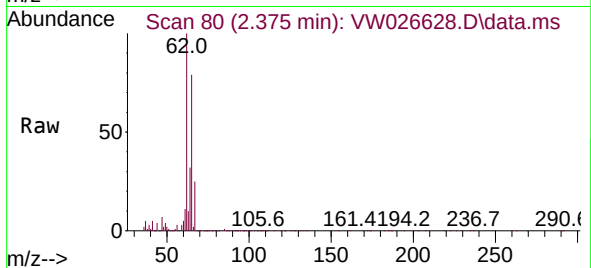




#5
 Vinyl chloride
 Concen: 22.858 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026628.D
 Acq: 21 Jul 2023 08:53

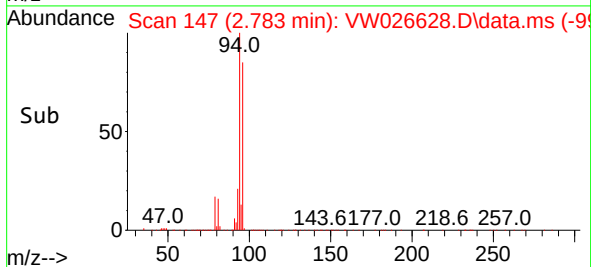
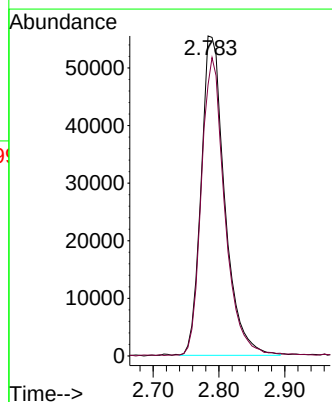
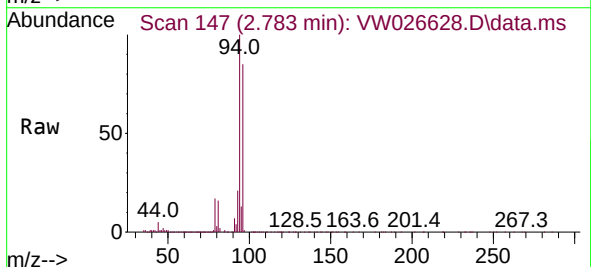
Instrument :
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 ClientSampleId :
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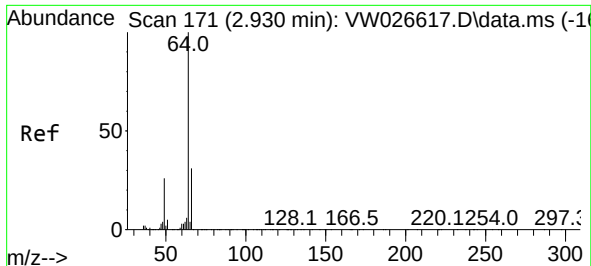
Tgt Ion: 62 Resp: 253081
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.2 45.0



#6
 Bromomethane
 Concen: 23.513 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026628.D
 Acq: 21 Jul 2023 08:53

Tgt Ion: 94 Resp: 138392
 Ion Ratio Lower Upper
 94 100
 96 84.7 64.5 119.9

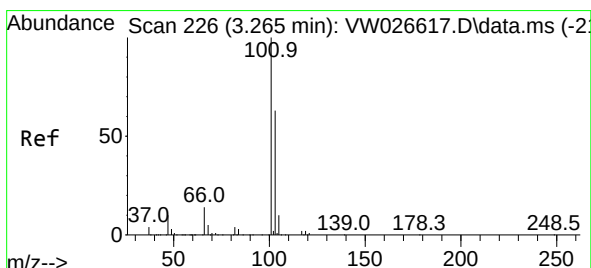
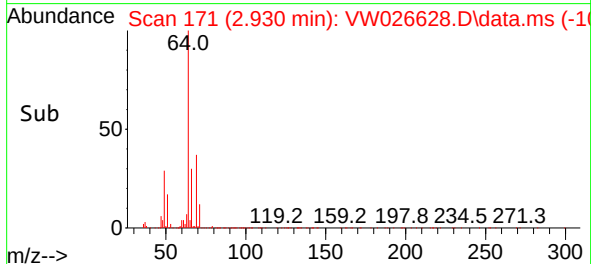
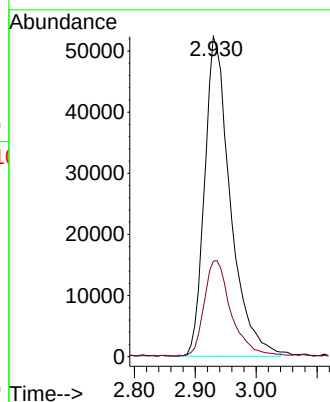
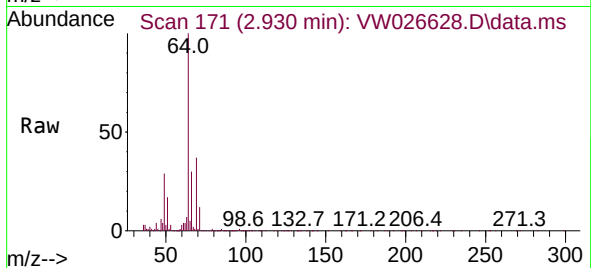




#8
Chloroethane
Concen: 24.807 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

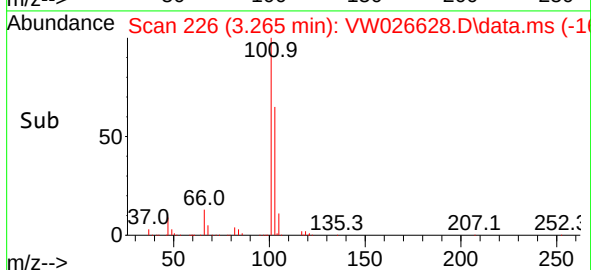
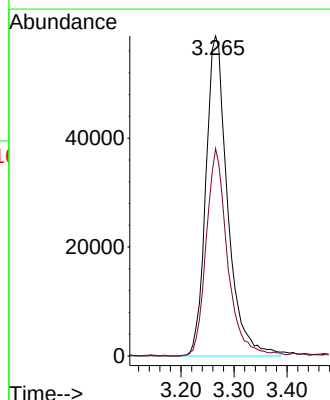
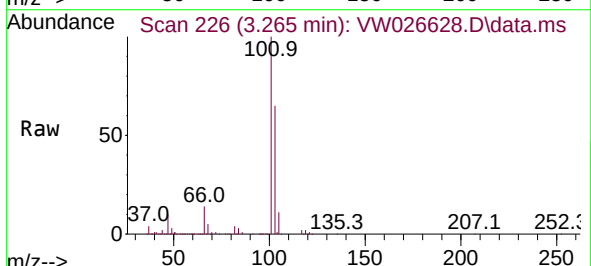
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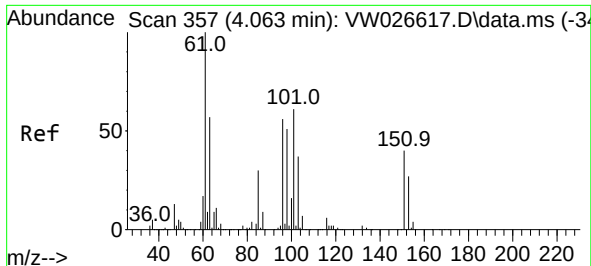
Tgt Ion: 64 Resp: 153584
Ion Ratio Lower Upper
64 100
66 29.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.410 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 101 Resp: 167374
Ion Ratio Lower Upper
101 100
103 63.2 50.3 75.5

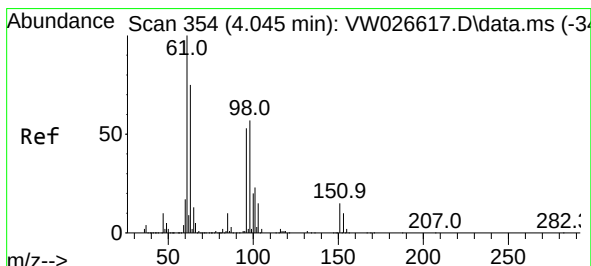
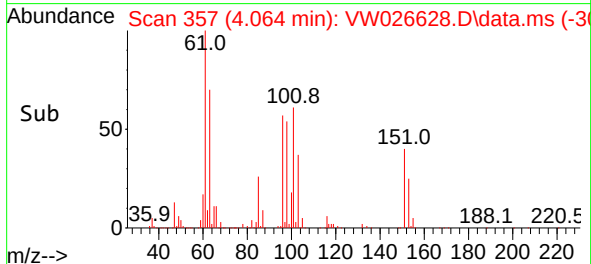
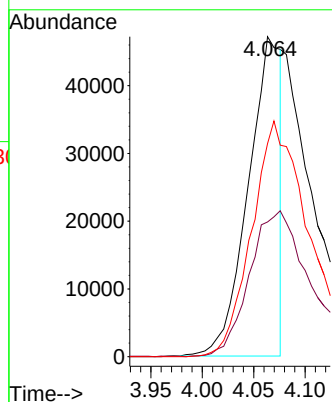
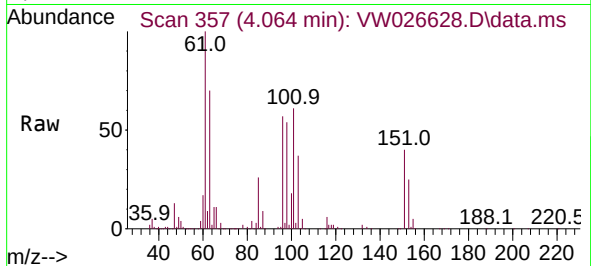




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.449 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. 0.000 min
 Lab File: VW026628.D
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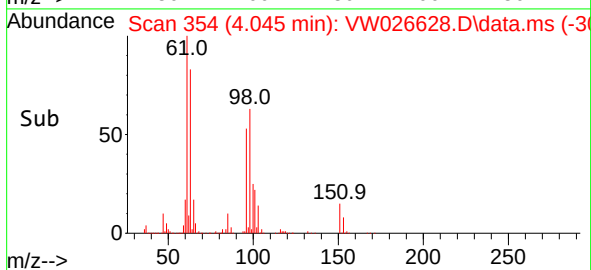
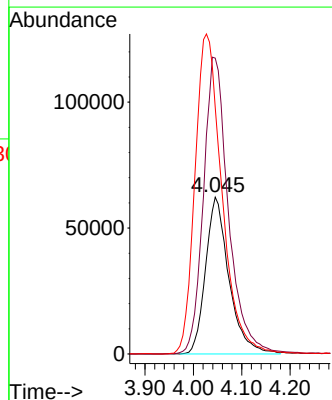
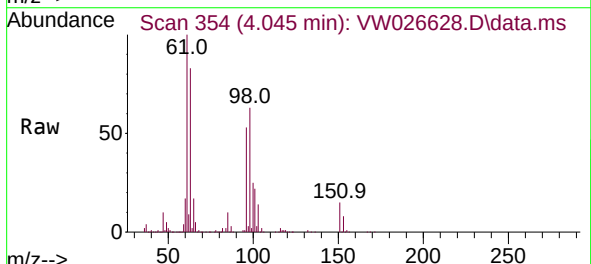
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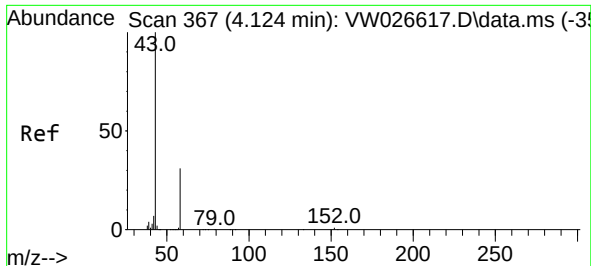
Tgt Ion:101 Resp: 104198
 Ion Ratio Lower Upper
 101 100
 85 90.7 36.1 54.1#
 151 138.6 55.9 83.9#



#12
 1,1-Dichloroethene
 Concen: 23.982 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026628.D
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Tgt Ion: 96 Resp: 209416
 Ion Ratio Lower Upper
 96 100
 61 188.6 140.8 261.4
 63 157.1 127.7 237.3

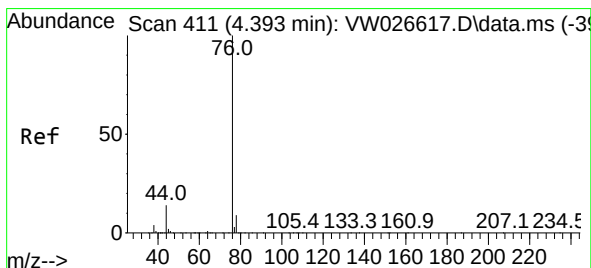
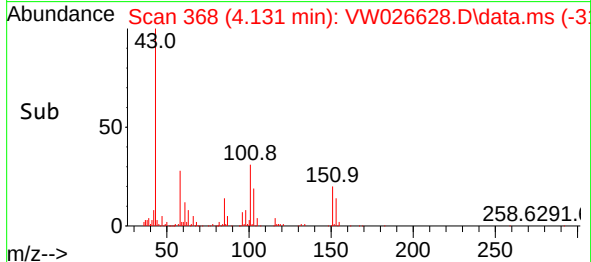
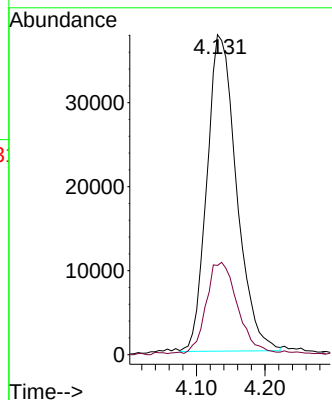
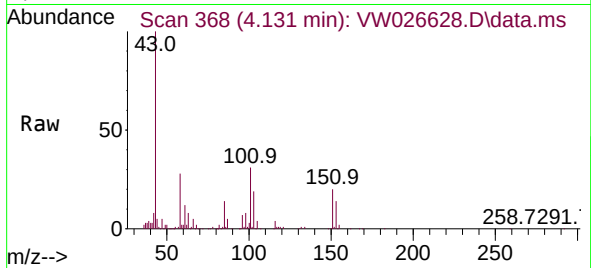




#13
Acetone
Concen: 44.290 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

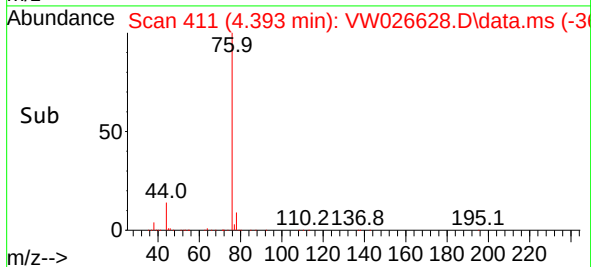
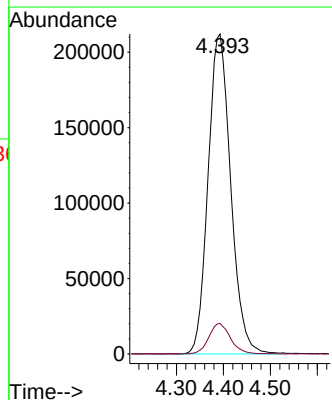
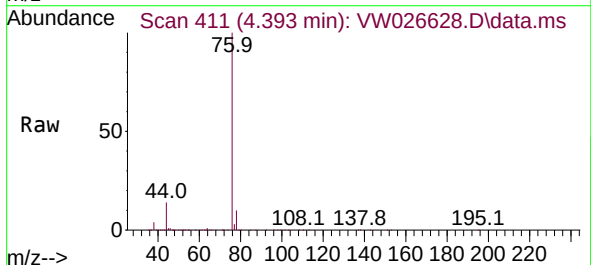
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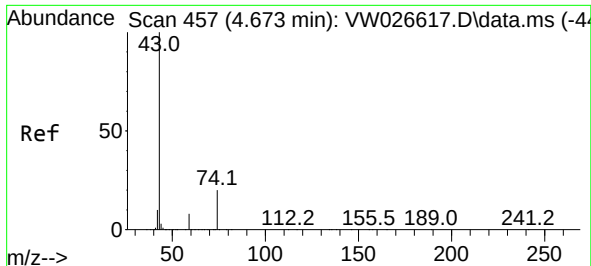
Tgt Ion: 43 Resp: 113207
Ion Ratio Lower Upper
43 100
58 30.8 0.0 63.2



#14
Carbon disulfide
Concen: 23.149 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026628.D
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Tgt Ion: 76 Resp: 708587
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3

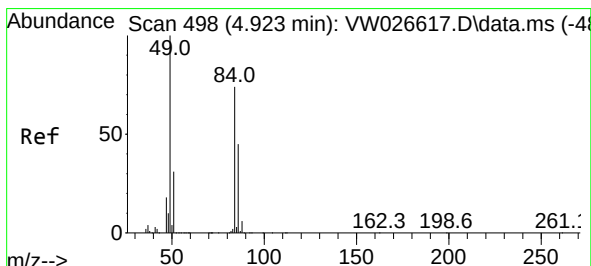
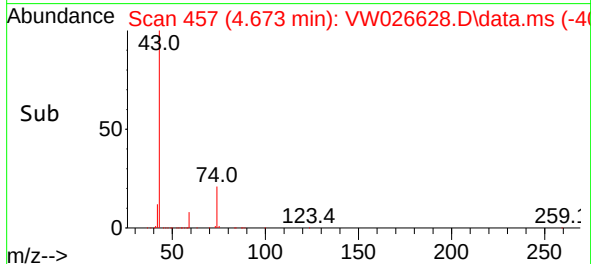
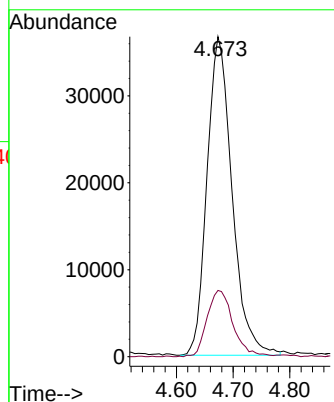
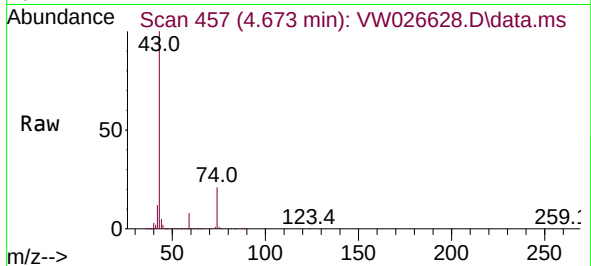




#15
Methyl Acetate
Concen: 18.313 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

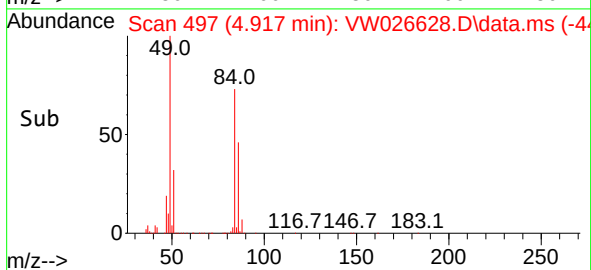
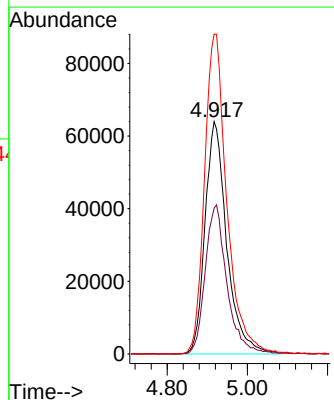
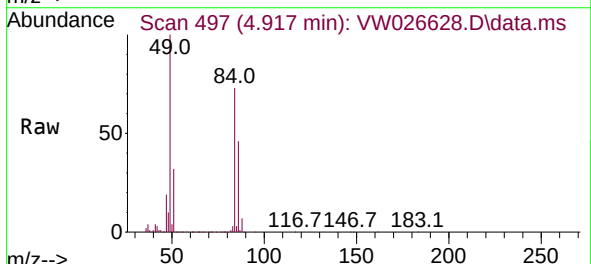
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

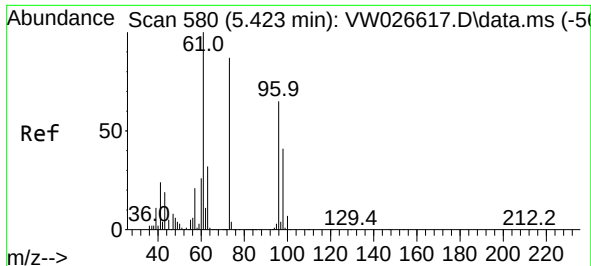
Tgt Ion: 43 Resp: 112461
Ion Ratio Lower Upper
43 100
74 21.2 16.3 24.5



#16
Methylene chloride
Concen: 20.928 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 84 Resp: 240992
Ion Ratio Lower Upper
84 100
86 62.7 43.8 81.3
49 137.7 99.2 184.2

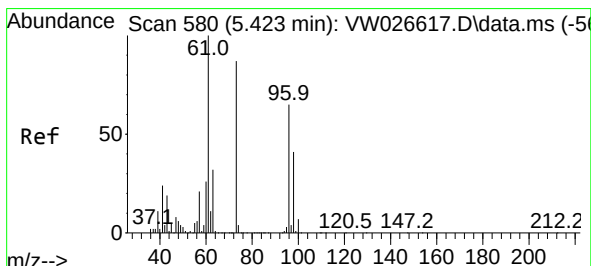
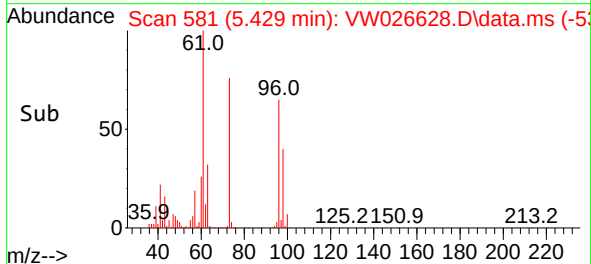
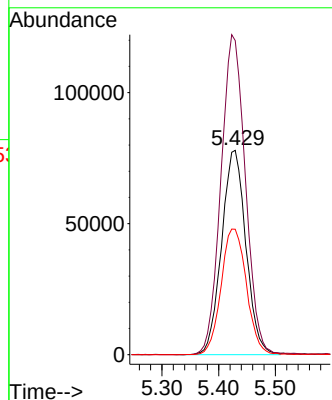
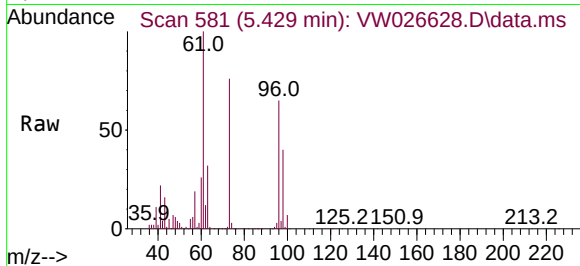




#17
trans-1,2-Dichloroethene
Concen: 24.929 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

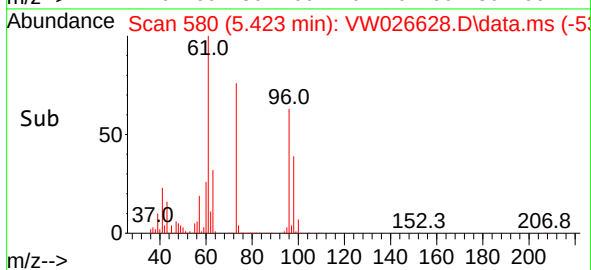
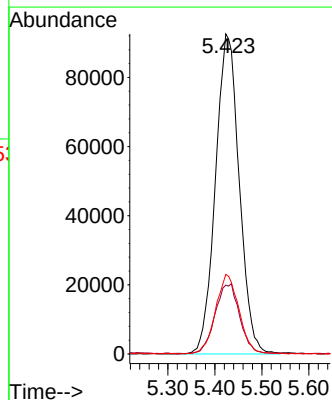
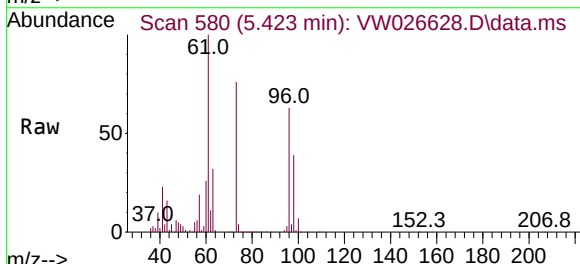
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

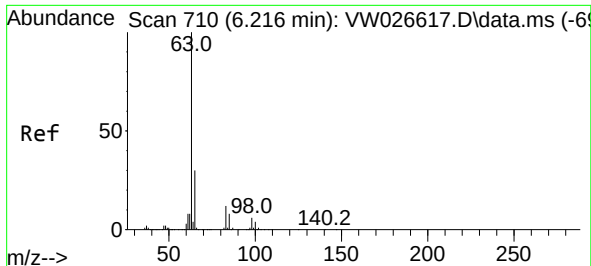
Tgt Ion: 96 Resp: 232749
Ion Ratio Lower Upper
96 100
61 153.7 108.1 200.9
98 61.4 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 22.247 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 73 Resp: 325079
Ion Ratio Lower Upper
73 100
43 22.4 17.4 26.2
57 24.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.585 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

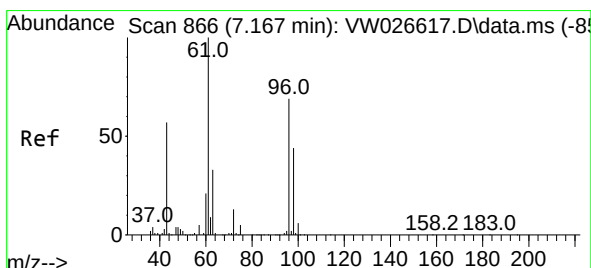
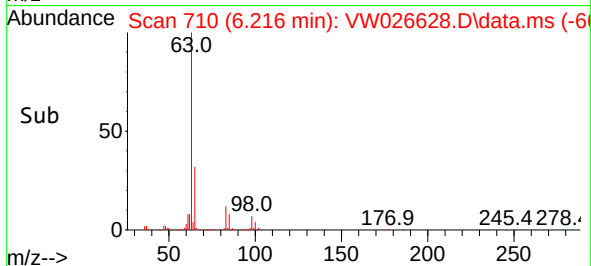
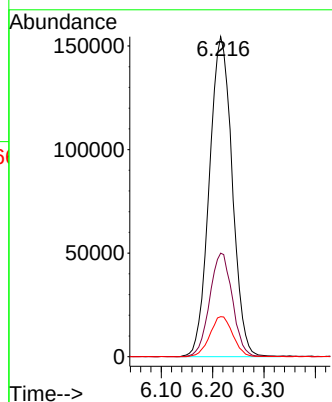
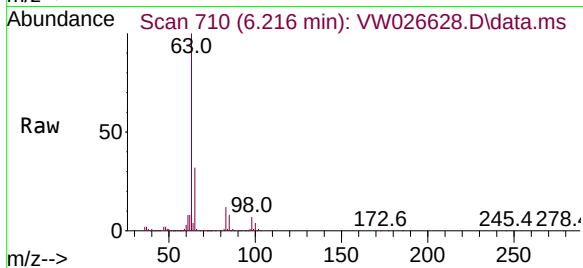
Tgt Ion: 63 Resp: 477574

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 12.5 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 25.796 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

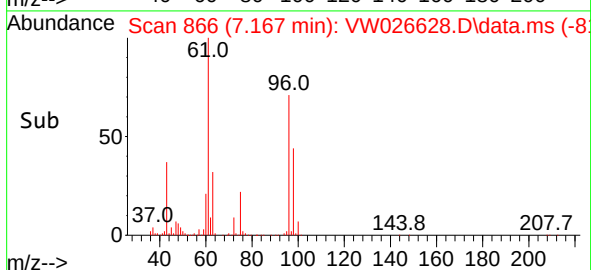
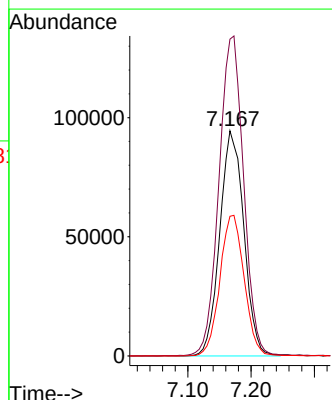
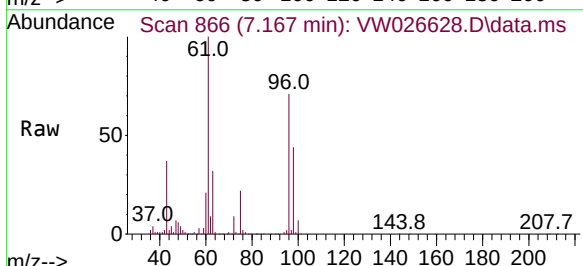
Tgt Ion: 96 Resp: 249391

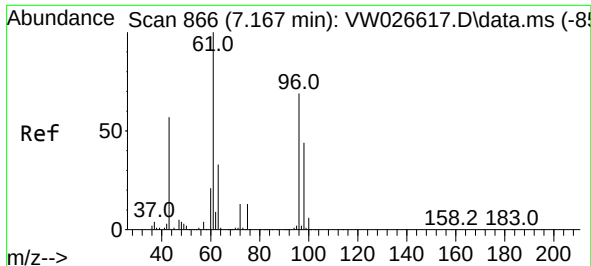
Ion Ratio Lower Upper

96 100

61 140.8 98.8 183.6

98 62.1 42.4 78.6

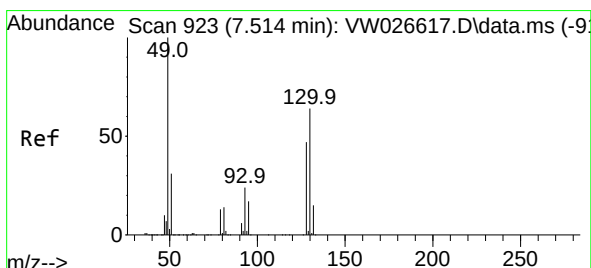
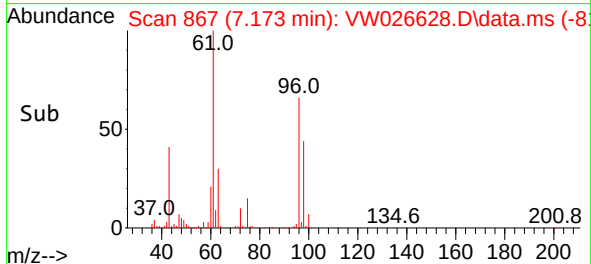
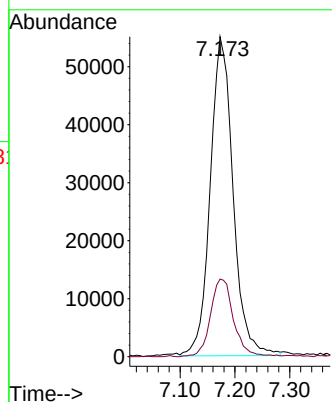
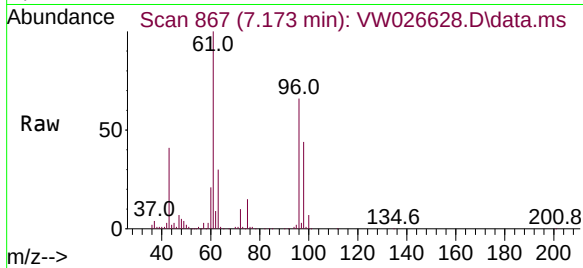




#22
2-Butanone
Concen: 40.939 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

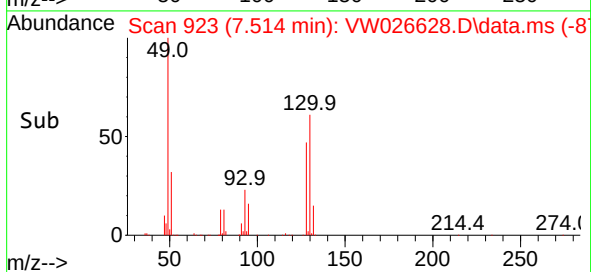
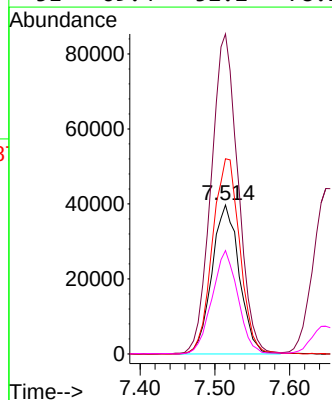
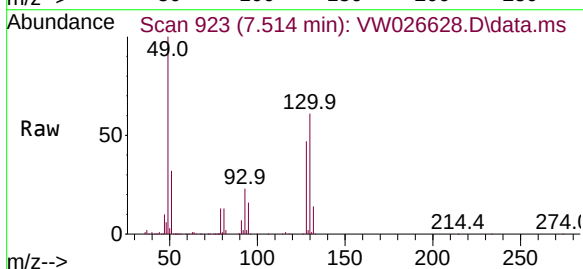
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

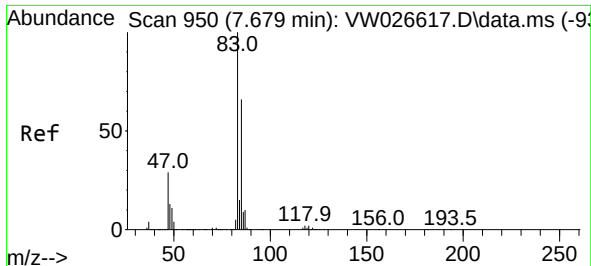
Tgt Ion: 43 Resp: 159347
Ion Ratio Lower Upper
43 100
72 24.4 11.9 35.5



#23
Bromochloromethane
Concen: 24.377 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 128 Resp: 100953
Ion Ratio Lower Upper
128 100
49 214.8 142.1 263.9
130 131.0 92.9 172.5
51 69.4 52.2 78.2

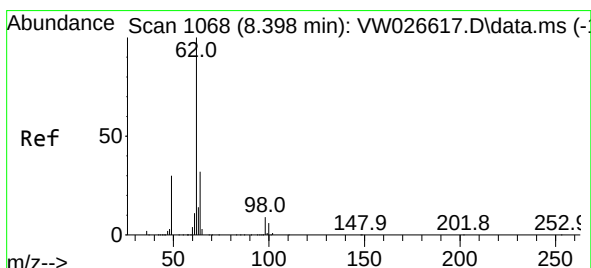
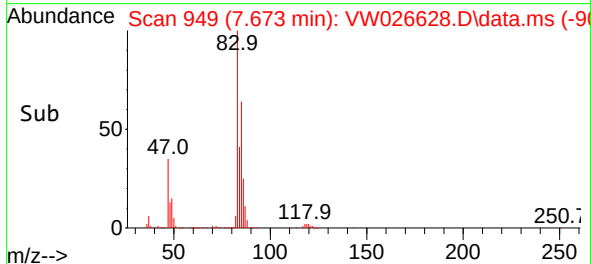
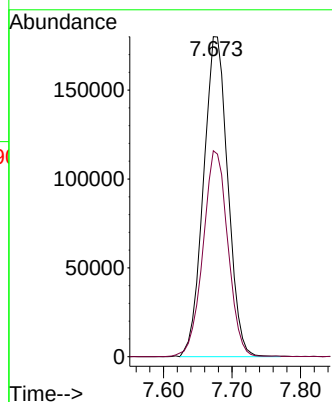
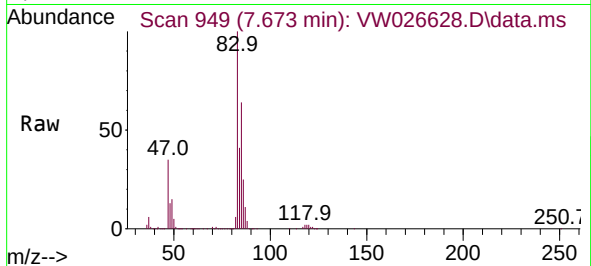




#25
Chloroform
Concen: 26.006 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

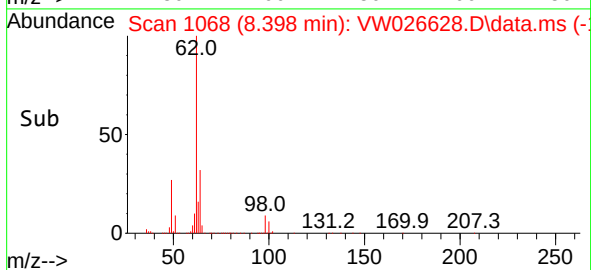
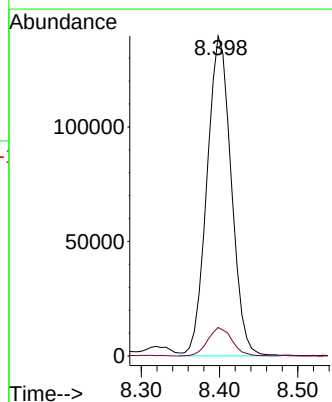
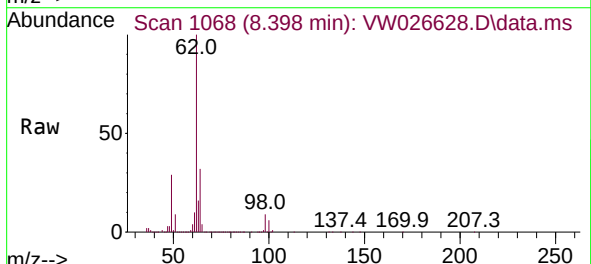
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

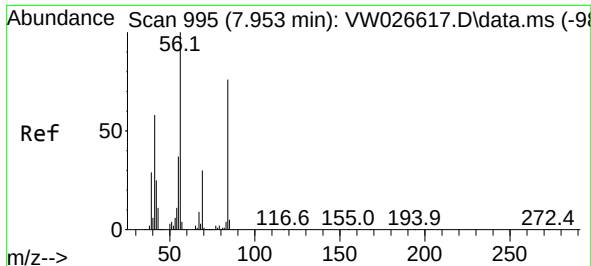
Tgt Ion: 83 Resp: 444776
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 24.965 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 62 Resp: 300573
Ion Ratio Lower Upper
62 100
98 8.9 6.7 10.1





#29

Cyclohexane

Concen: 23.430 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

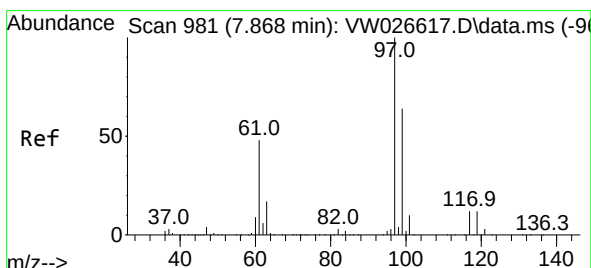
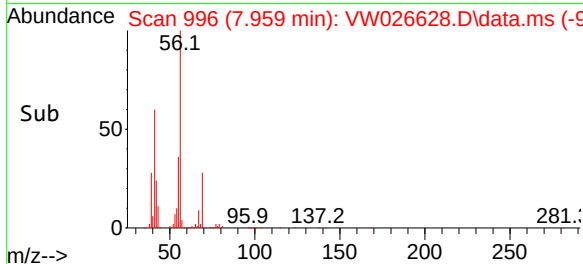
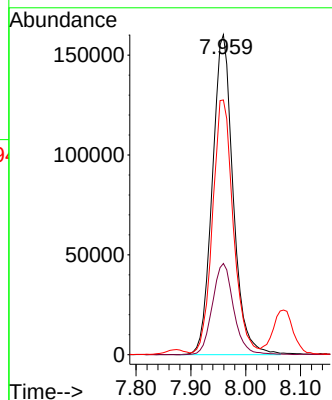
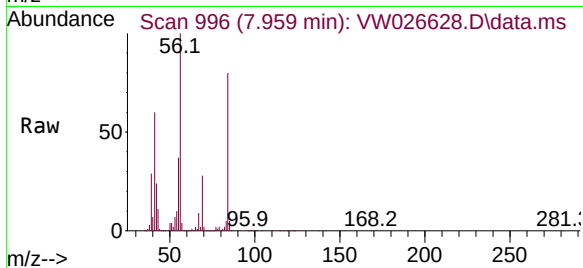
Tgt Ion: 56 Resp: 422508

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 79.2 62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 25.763 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

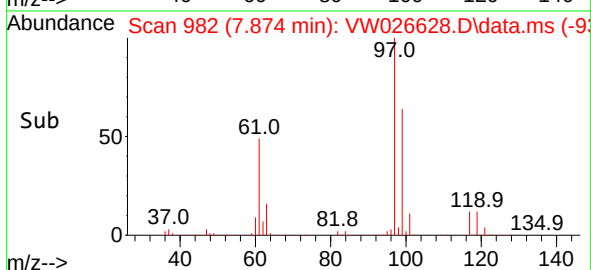
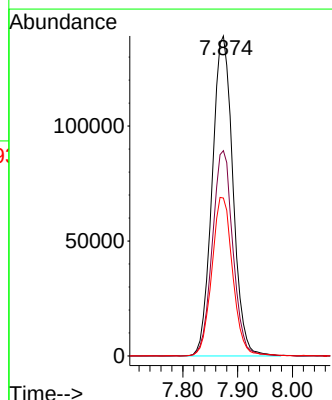
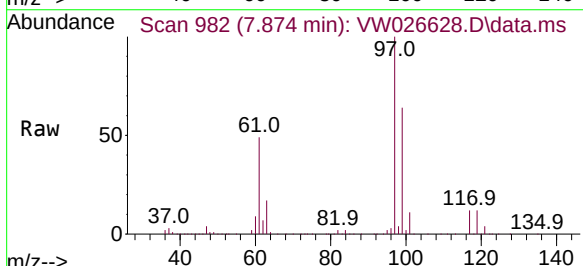
Tgt Ion: 97 Resp: 365710

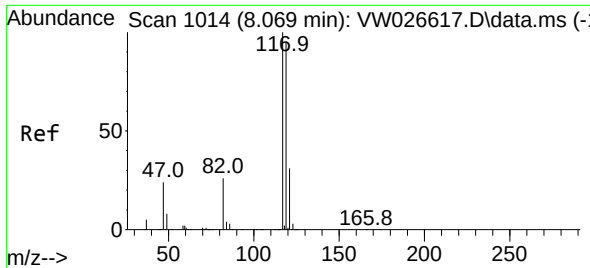
Ion Ratio Lower Upper

97 100

99 63.7 49.9 74.9

61 49.9 39.8 59.8

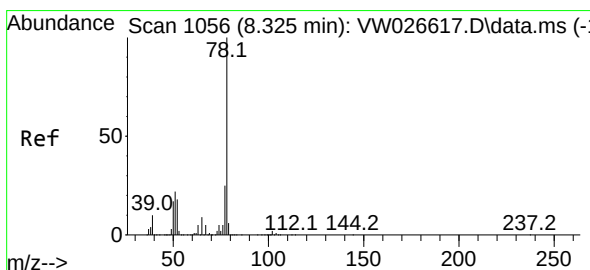
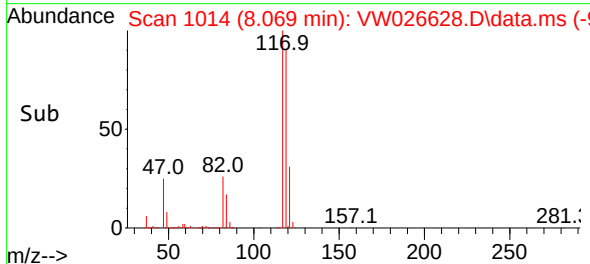
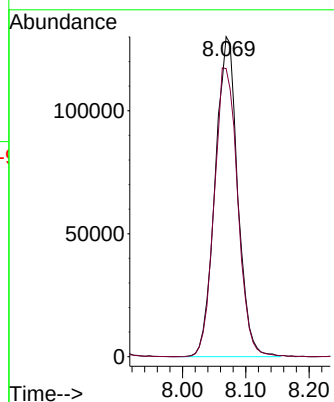
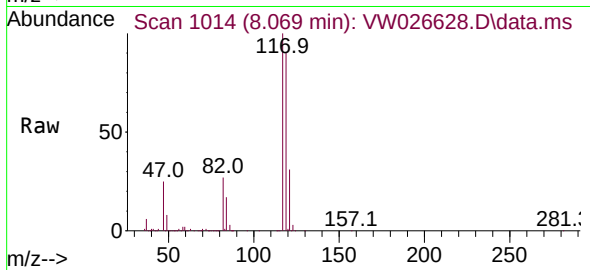




#31
Carbon tetrachloride
Concen: 24.952 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

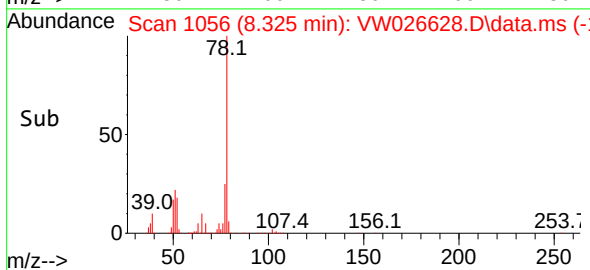
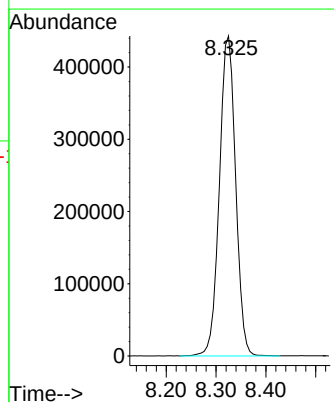
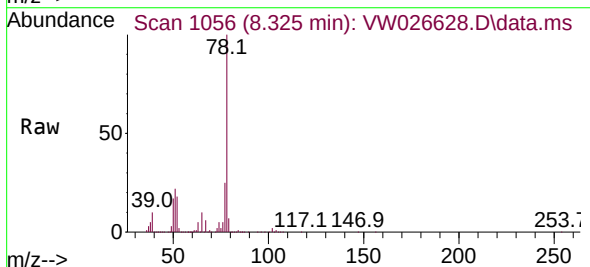
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

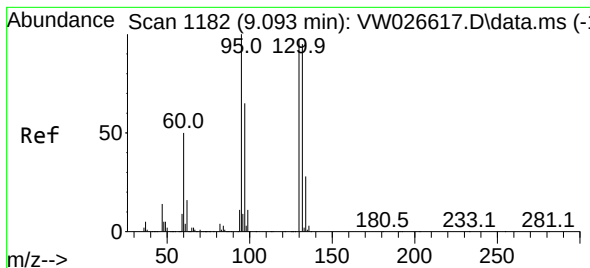
Tgt Ion:117 Resp: 321525
Ion Ratio Lower Upper
117 100
119 94.1 77.1 115.7



#33
Benzene
Concen: 25.099 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 78 Resp: 1001603





#34

Trichloroethene

Concen: 24.780 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

Tgt Ion: 95 Resp: 254010

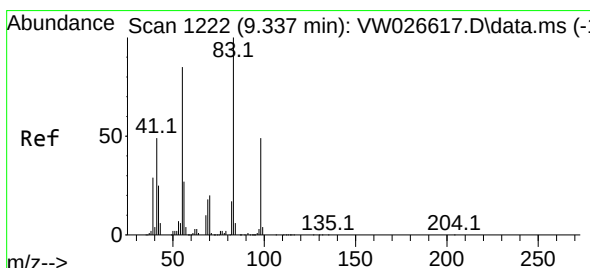
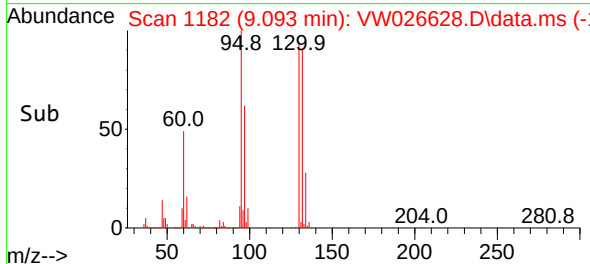
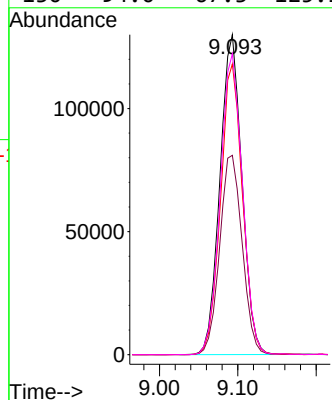
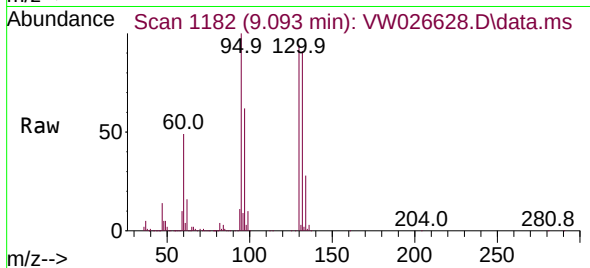
Ion Ratio Lower Upper

95 100

97 62.3 47.9 88.9

132 90.8 65.0 120.8

130 94.0 67.3 125.1



#35

Methylcyclohexane

Concen: 24.253 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

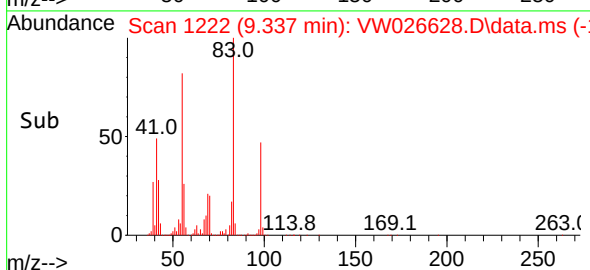
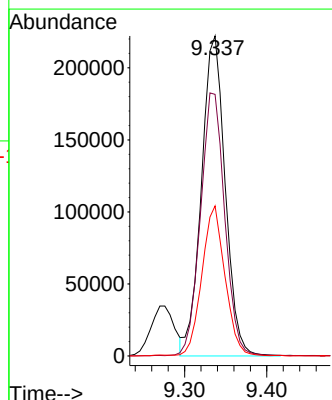
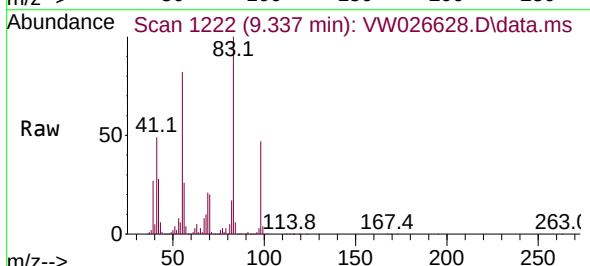
Tgt Ion: 83 Resp: 446403

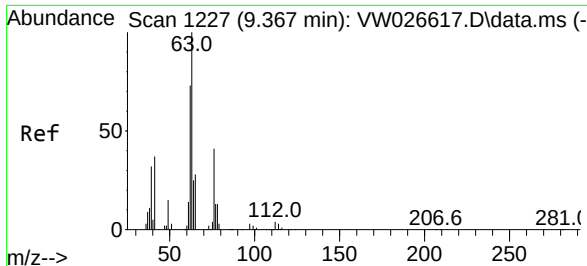
Ion Ratio Lower Upper

83 100

55 83.9 68.7 103.1

98 45.5 37.3 55.9

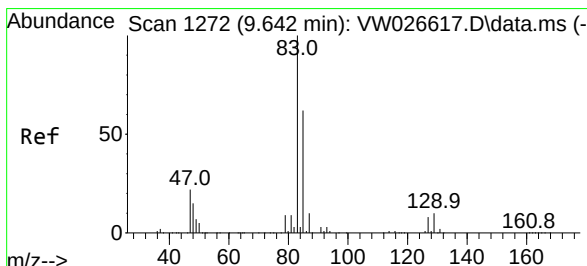
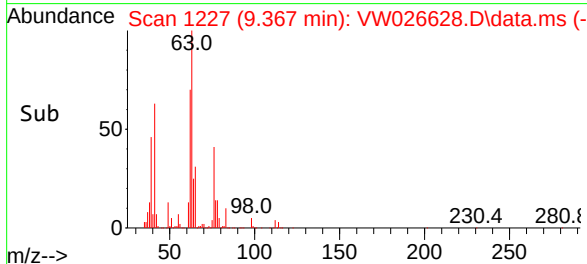
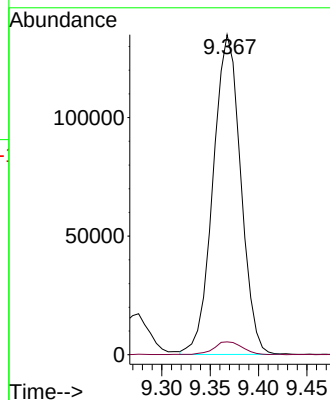
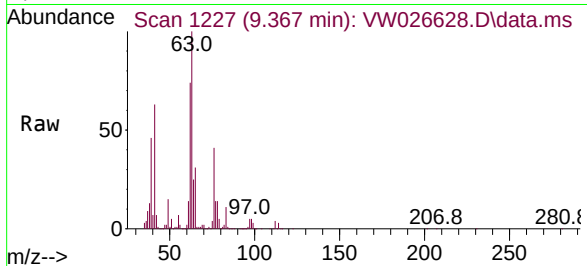




#37
1,2-Dichloropropane
Concen: 25.322 ug/L
RT: 9.367 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

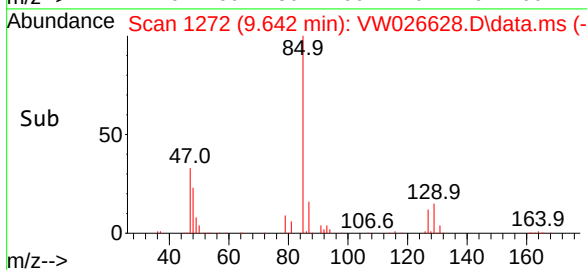
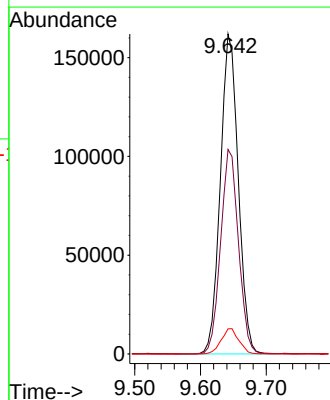
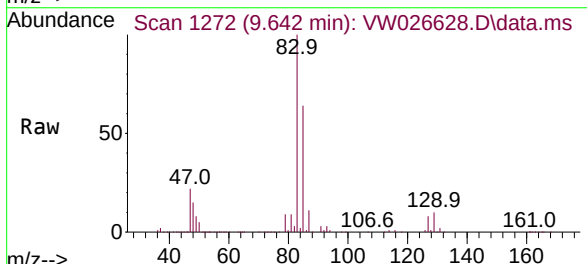
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

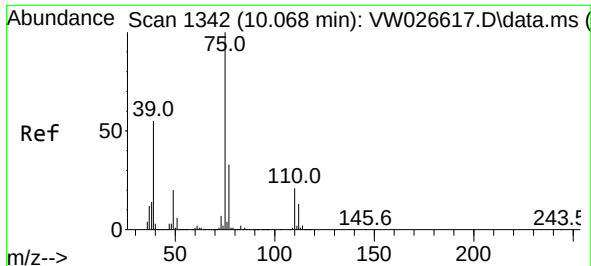
Tgt Ion: 63 Resp: 268353
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.2



#38
Bromodichloromethane
Concen: 25.515 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 83 Resp: 307215
Ion Ratio Lower Upper
83 100
85 63.9 43.3 80.3
127 7.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.726 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

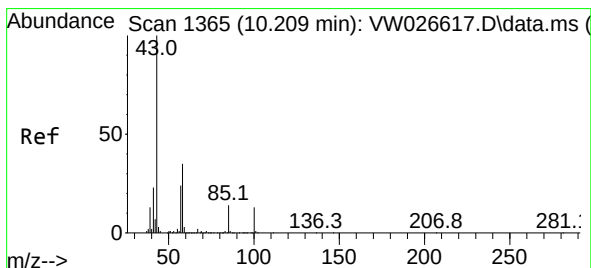
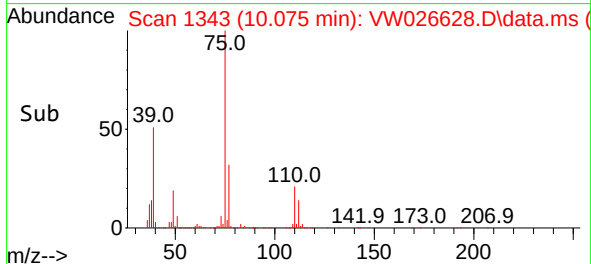
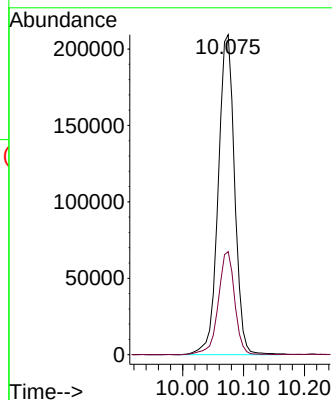
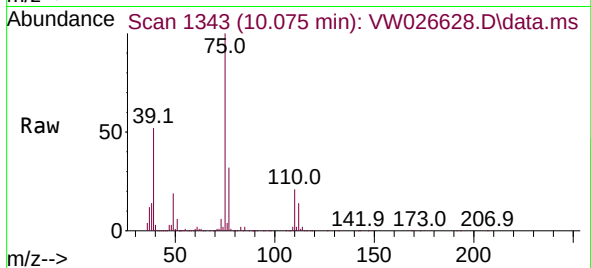
VSTD025565

Tgt Ion: 75 Resp: 392510

Ion Ratio Lower Upper

75 100

77 32.2 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 37.862 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

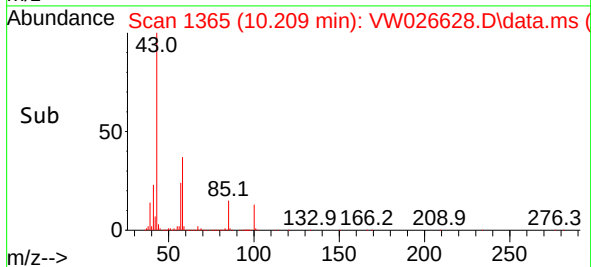
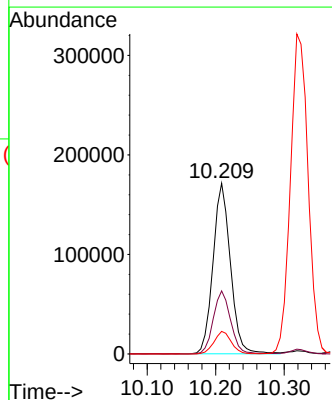
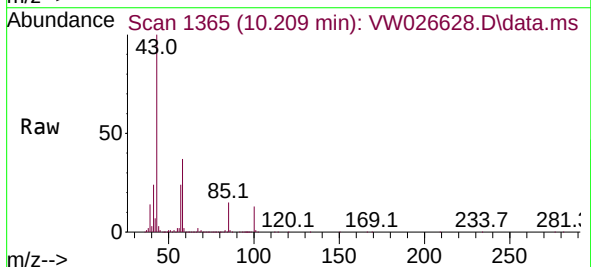
Tgt Ion: 43 Resp: 302849

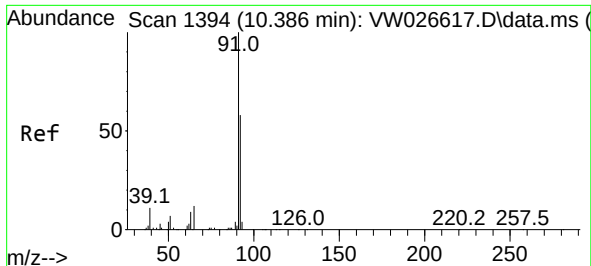
Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.8

100 13.2 10.7 16.1

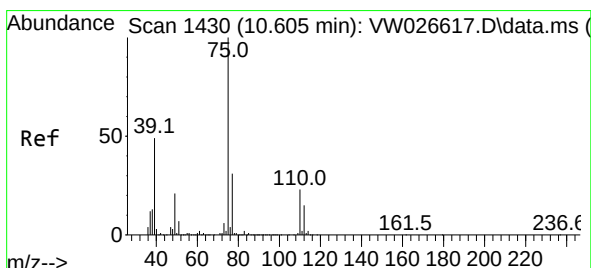
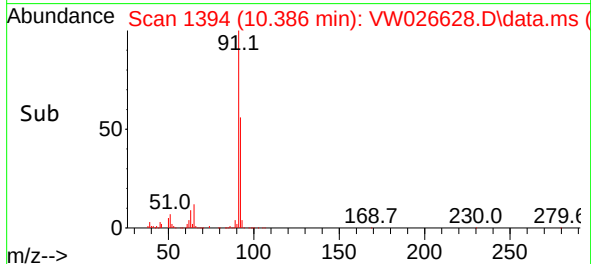
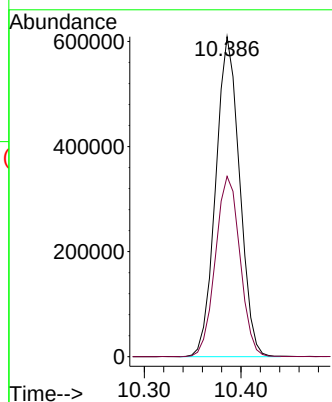
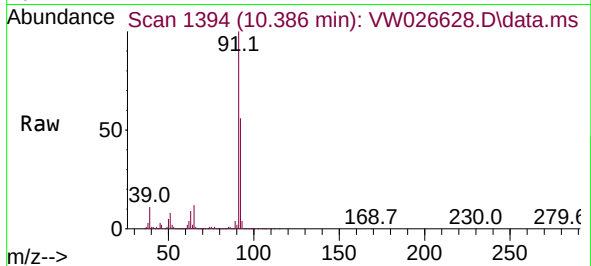




#42
Toluene
Concen: 25.904 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

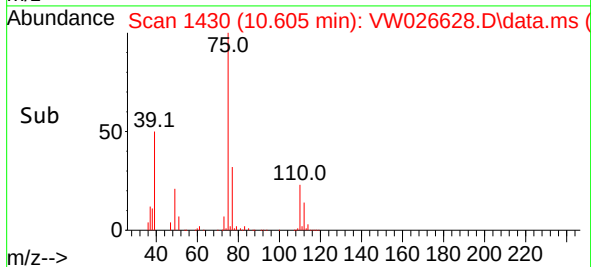
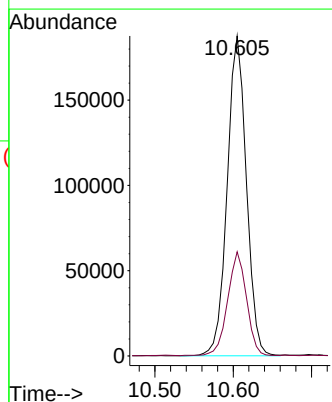
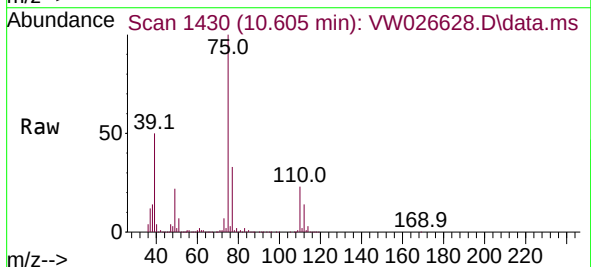
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

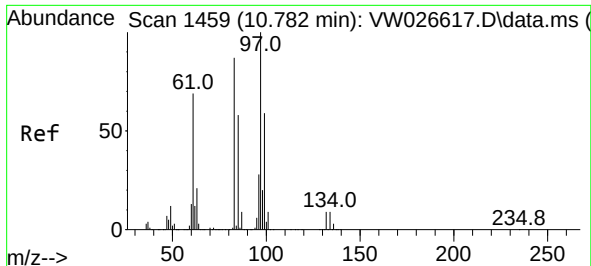
Tgt Ion: 91 Resp: 1043920
Ion Ratio Lower Upper
91 100
92 56.4 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 24.859 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 75 Resp: 319885
Ion Ratio Lower Upper
75 100
77 32.6 23.0 42.6

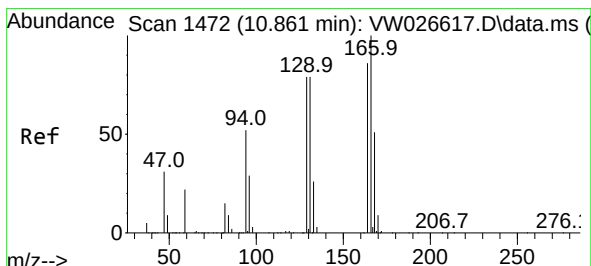
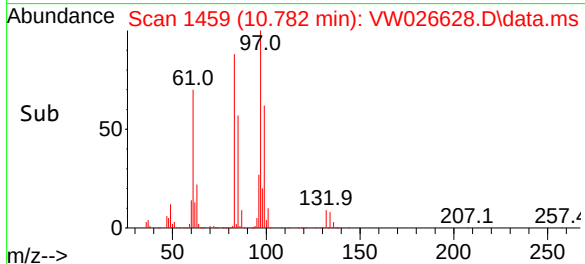
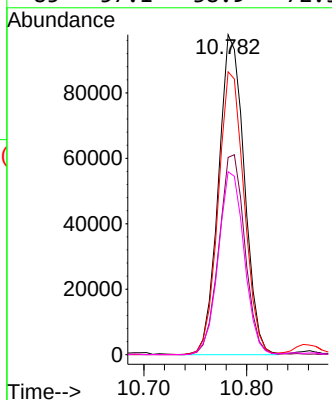
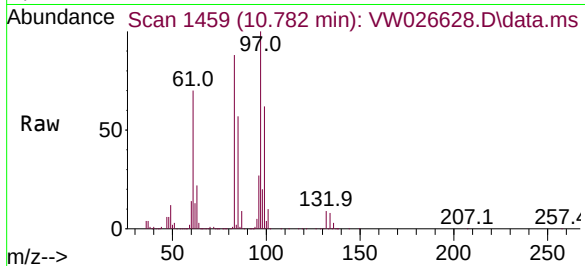




#45
1,1,2-Trichloroethane
Concen: 23.056 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

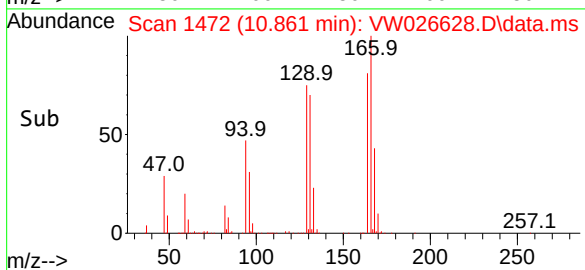
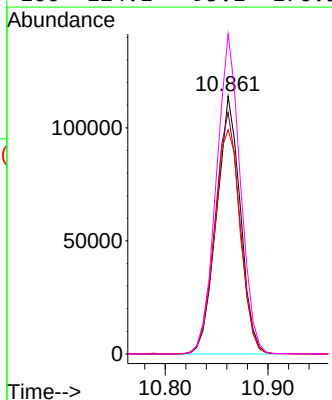
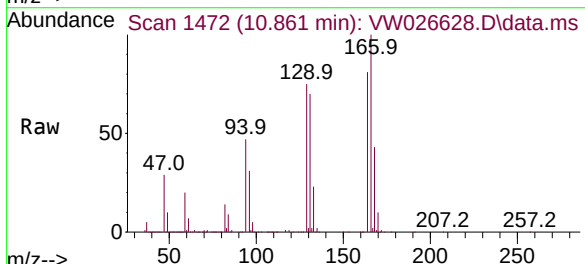
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

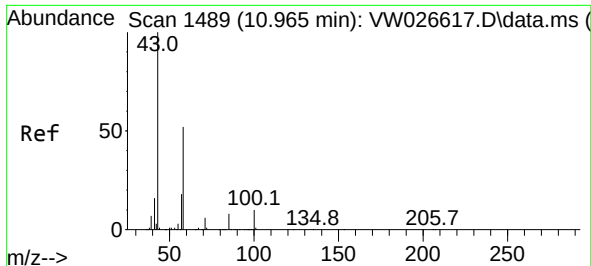
Tgt Ion:	97	Resp:	170531
Ion	Ratio	Lower	Upper
97	100		
99	61.7	40.5	75.3
83	88.4	61.0	113.2
85	57.1	38.9	72.3



#46
Tetrachloroethene
Concen: 25.190 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion:	164	Resp:	183311
Ion	Ratio	Lower	Upper
164	100		
129	93.7	75.5	140.1
131	87.0	74.8	138.8
166	124.1	95.1	176.5

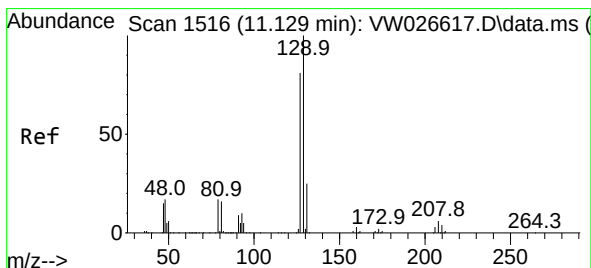
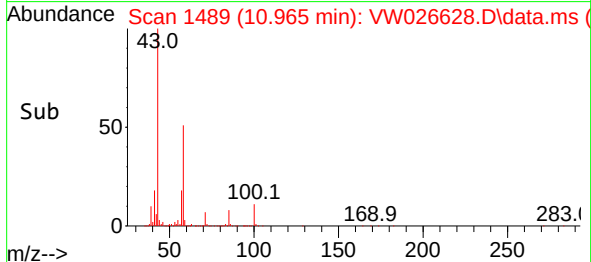
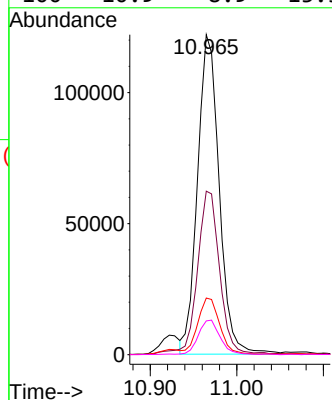
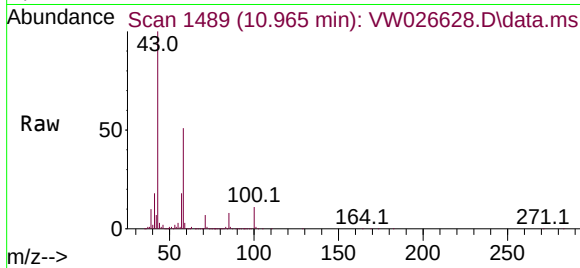




#48
2-Hexanone
Concen: 38.053 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

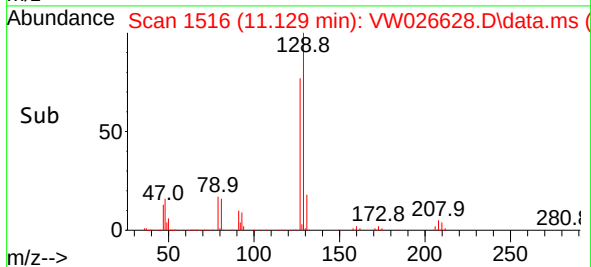
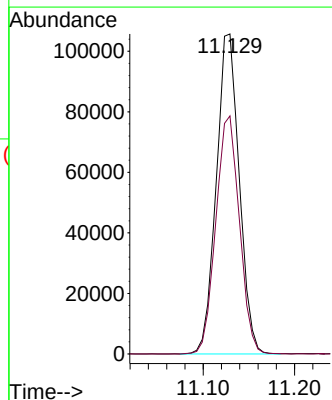
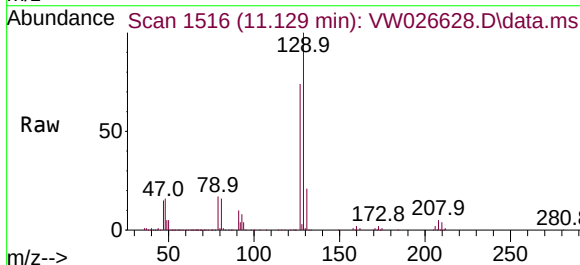
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

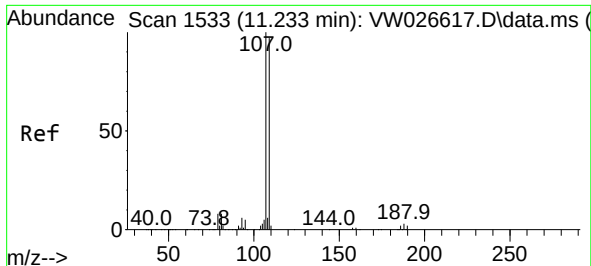
Tgt Ion: 43 Resp: 212419
Ion Ratio Lower Upper
43 100
58 52.1 42.1 63.1
57 17.9 14.8 22.2
100 10.9 8.9 13.3



#49
Dibromochloromethane
Concen: 25.251 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 129 Resp: 184930
Ion Ratio Lower Upper
129 100
127 74.4 51.2 95.2





#50

1,2-Dibromoethane

Concen: 22.453 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

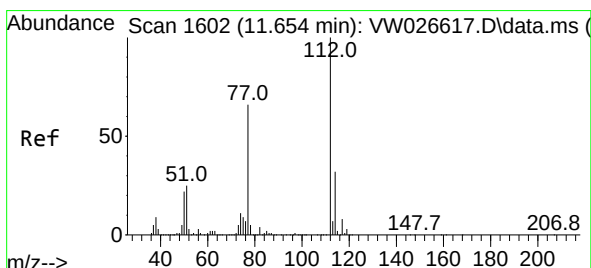
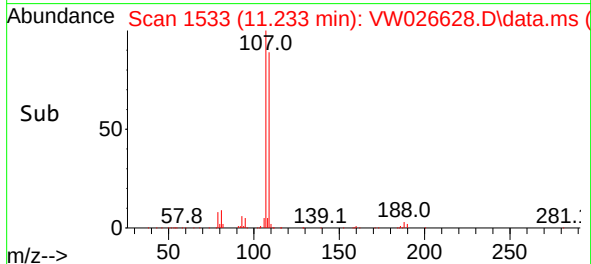
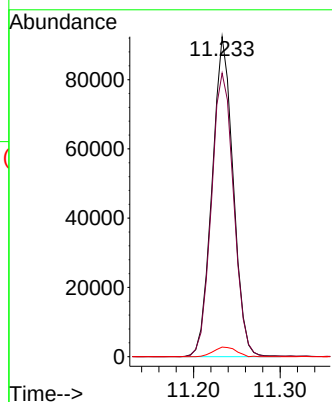
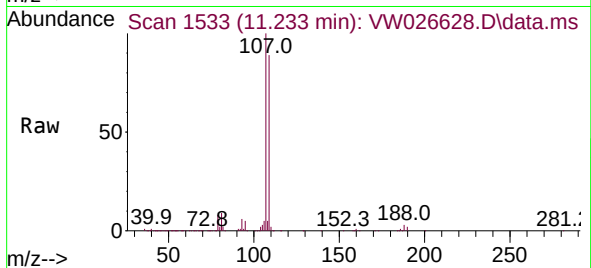
Tgt Ion:107 Resp: 156544

Ion Ratio Lower Upper

107 100

109 88.6 62.9 116.7

188 3.0 2.8 4.2



#51

Chlorobenzene

Concen: 25.394 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

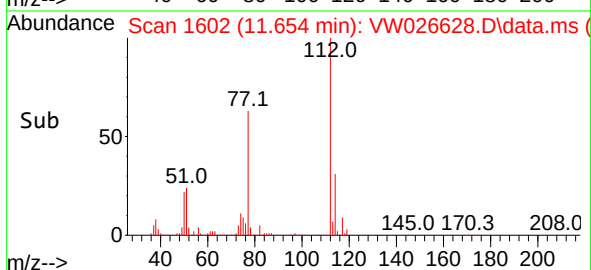
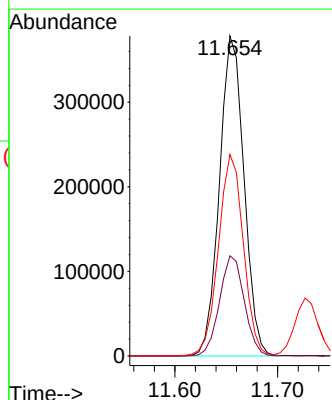
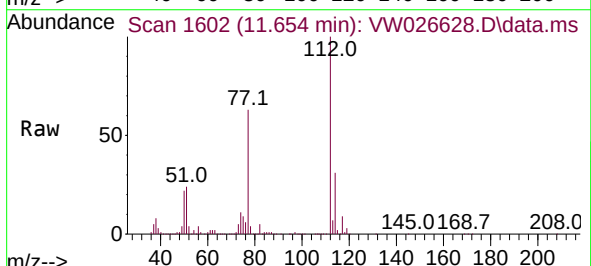
Tgt Ion:112 Resp: 627457

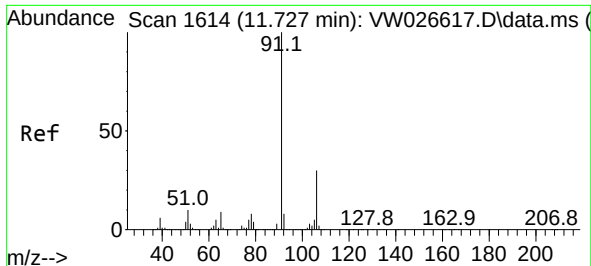
Ion Ratio Lower Upper

112 100

114 31.3 21.6 40.2

77 63.0 50.3 75.5

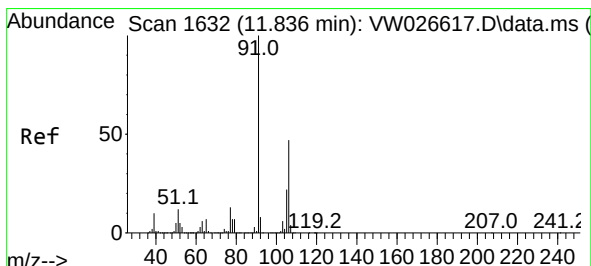
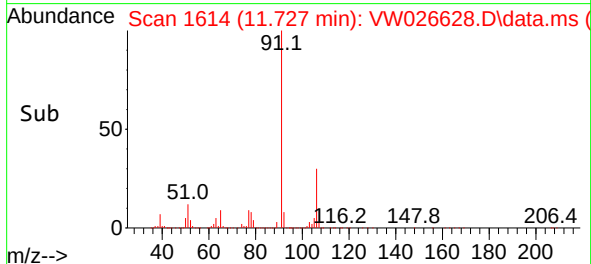
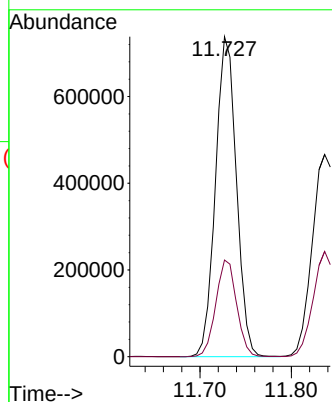
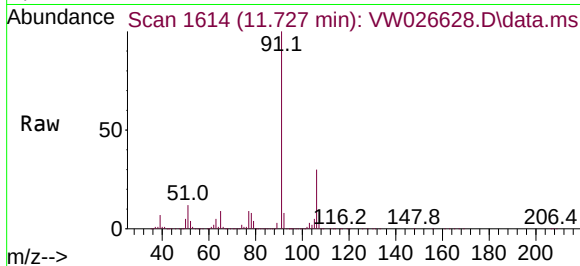




#52
Ethylbenzene
Concen: 26.208 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

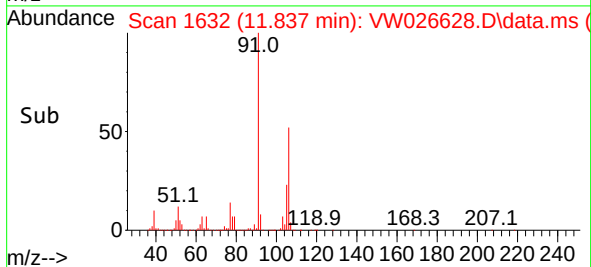
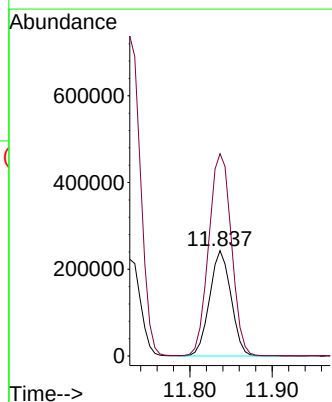
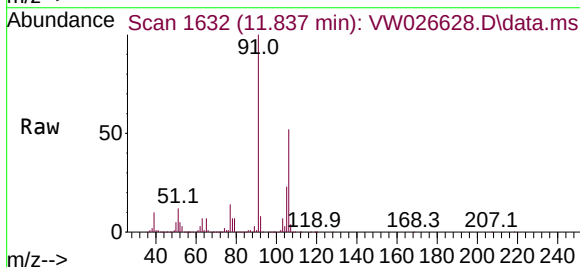
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

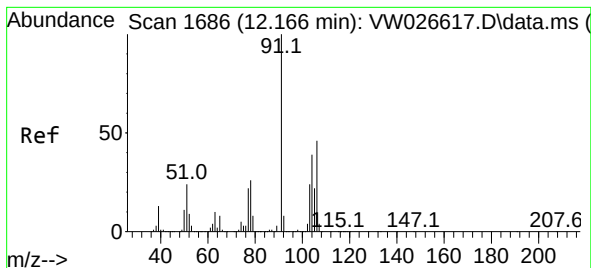
Tgt Ion: 91 Resp: 1175839
Ion Ratio Lower Upper
91 100
106 30.2 20.8 38.6



#53
m,p-Xylene
Concen: 26.942 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion:106 Resp: 439767
Ion Ratio Lower Upper
106 100
91 192.2 150.3 279.1

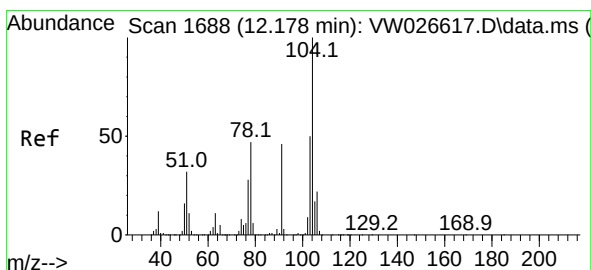
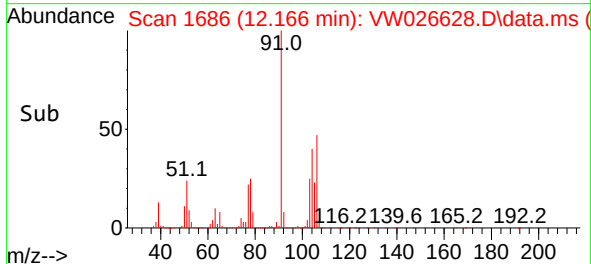
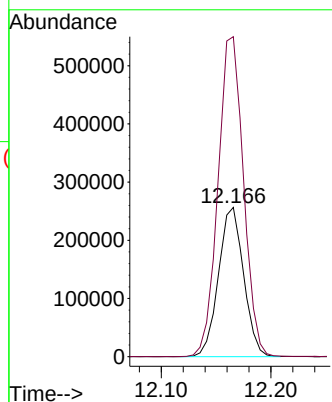
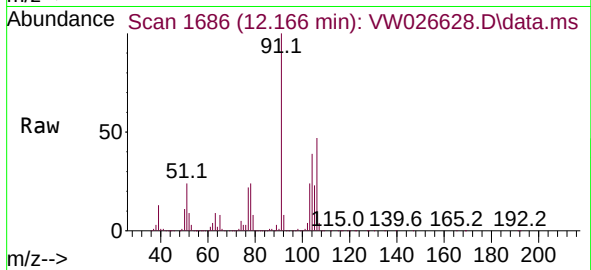




#54
o-Xylene
Concen: 26.666 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

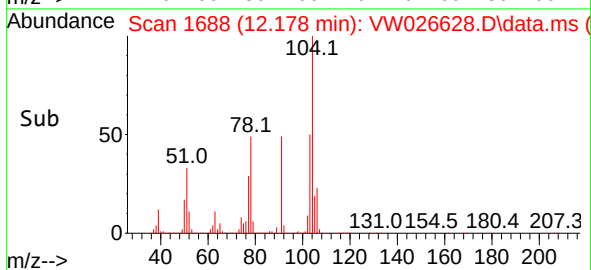
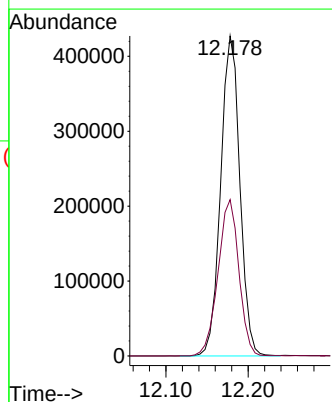
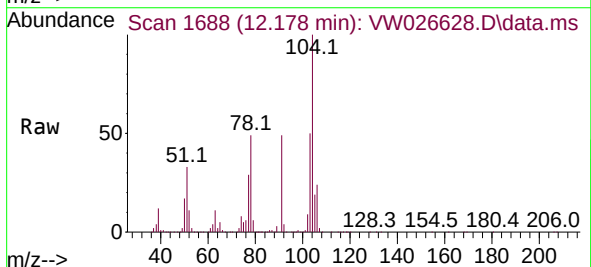
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

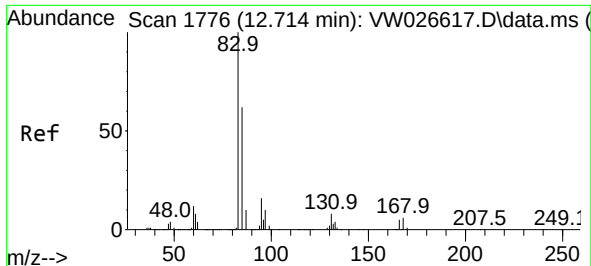
Tgt Ion:106 Resp: 408538
Ion Ratio Lower Upper
106 100
91 214.4 154.3 286.5



#55
Styrene
Concen: 26.844 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion:104 Resp: 693693
Ion Ratio Lower Upper
104 100
78 48.8 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.151 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

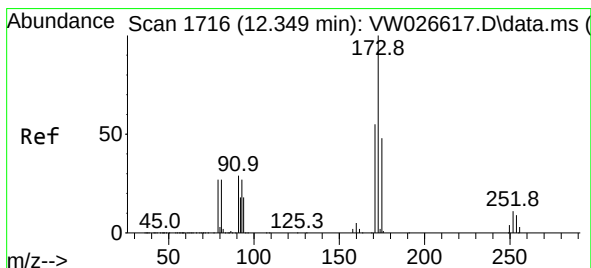
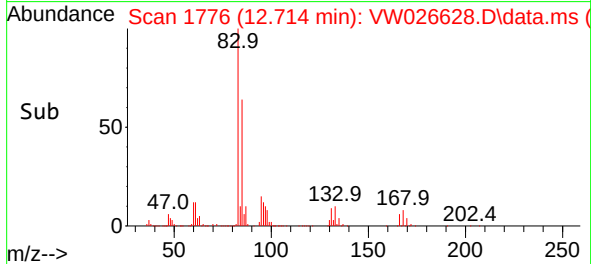
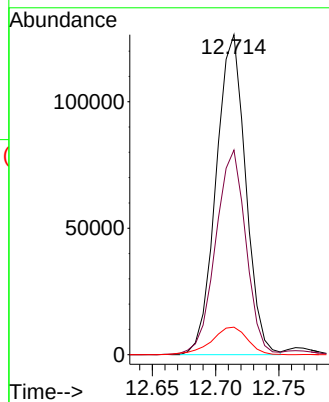
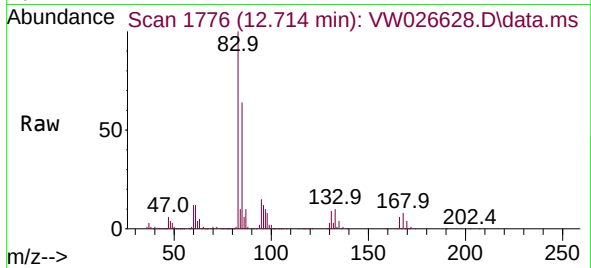
Tgt Ion: 83 Resp: 205311

Ion Ratio Lower Upper

83 100

85 63.9 46.2 85.8

131 8.6 7.2 10.8



#59

Bromoform

Concen: 23.100 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

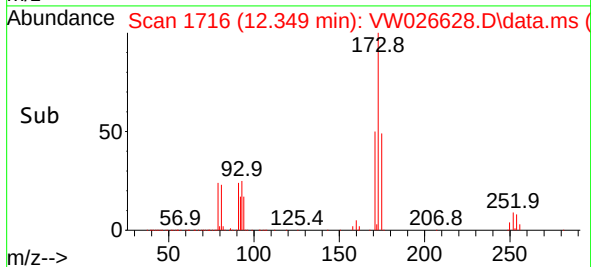
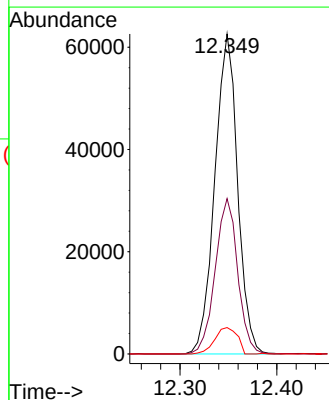
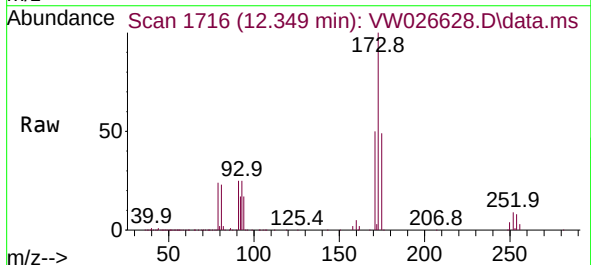
Tgt Ion: 173 Resp: 102468

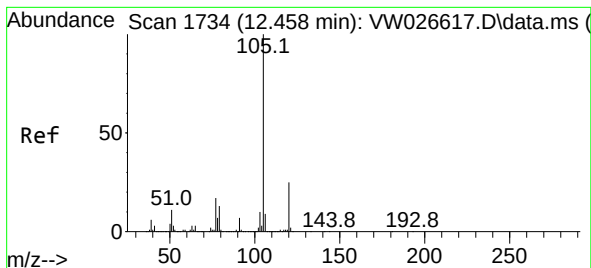
Ion Ratio Lower Upper

173 100

175 47.8 36.6 54.8

254 8.1 7.8 11.6





#60

Isopropylbenzene

Concen: 26.429 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

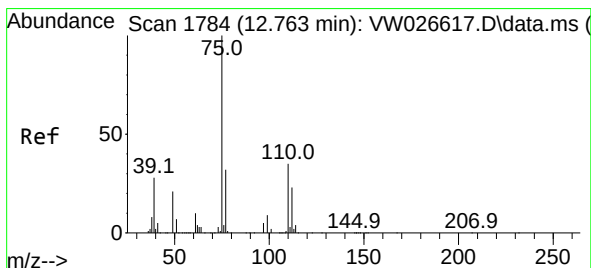
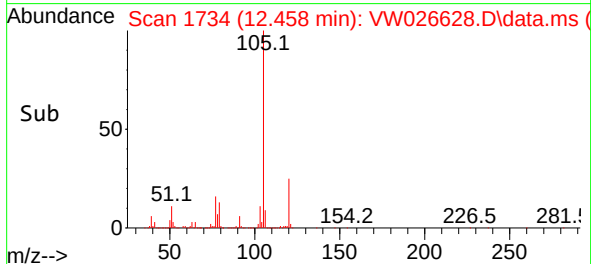
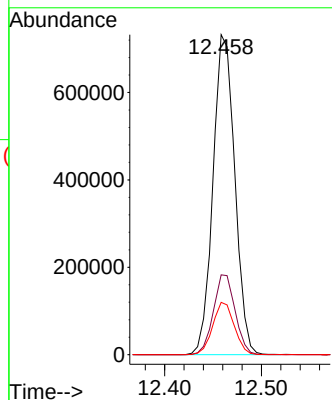
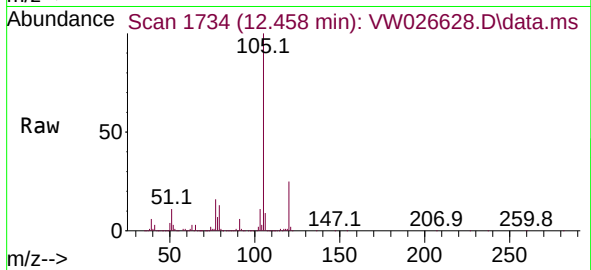
Tgt Ion:105 Resp: 1146843

Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

77 16.2 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 20.197 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

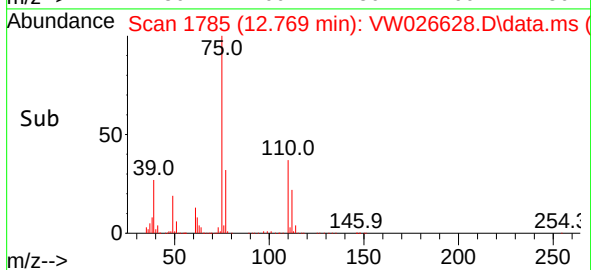
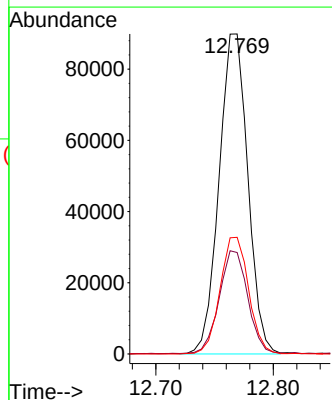
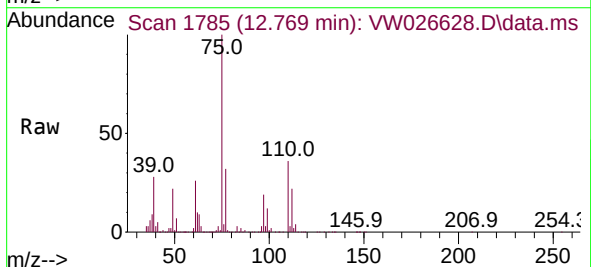
Tgt Ion: 75 Resp: 152993

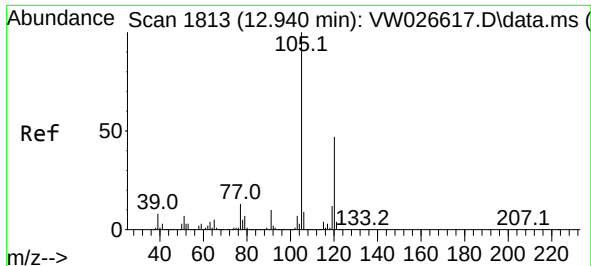
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 36.3 28.3 42.5

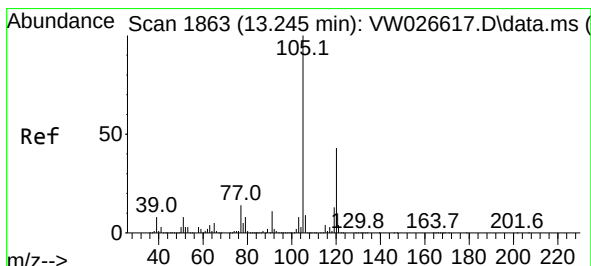
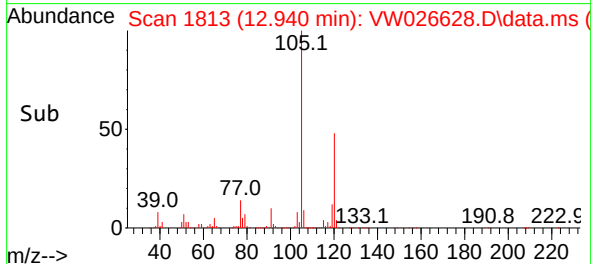
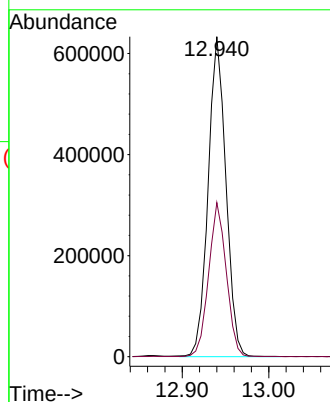
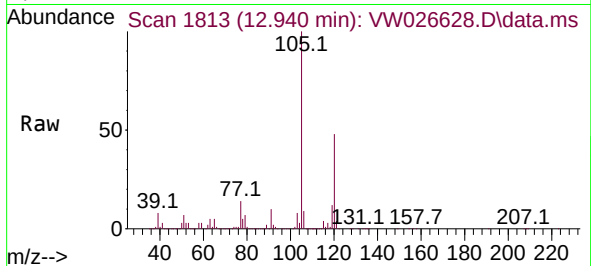




#62
1,3,5-Trimethylbenzene
Concen: 27.121 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

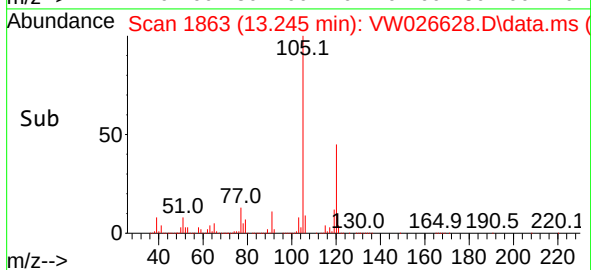
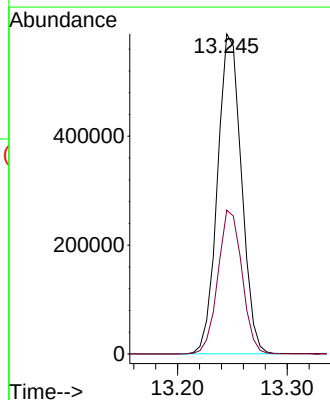
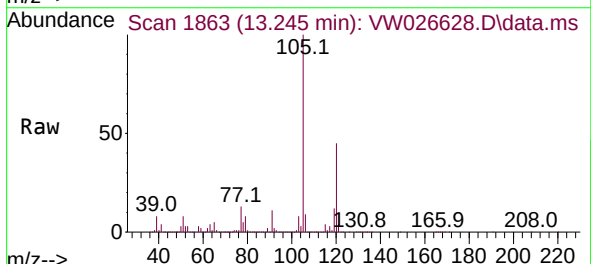
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

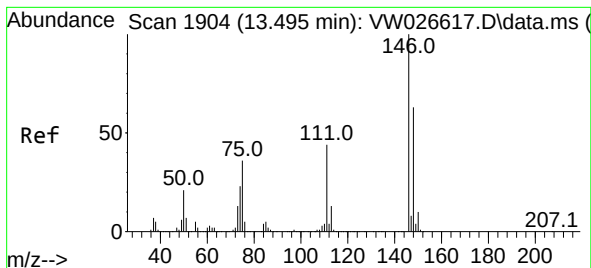
Tgt Ion:105 Resp: 902667
Ion Ratio Lower Upper
105 100
120 47.7 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.094 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion:105 Resp: 894030
Ion Ratio Lower Upper
105 100
120 45.2 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 24.664 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

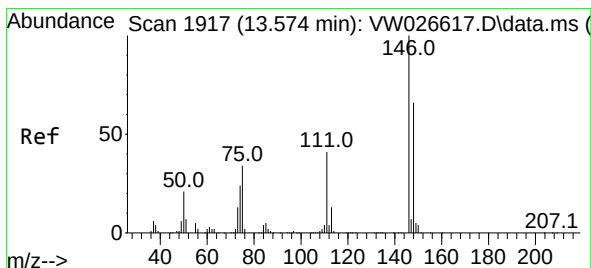
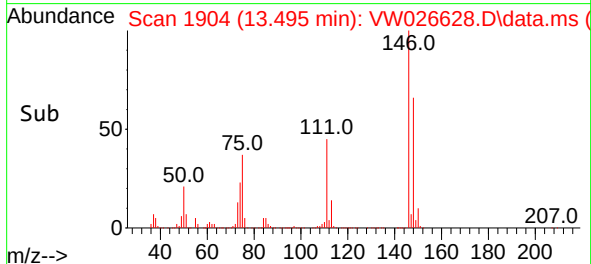
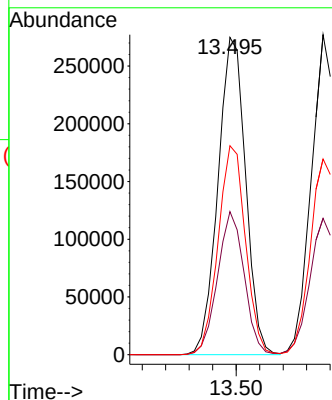
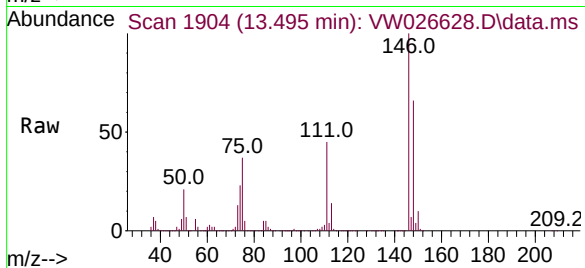
Tgt Ion:146 Resp: 449097

Ion Ratio Lower Upper

146 100

111 45.1 30.4 56.4

148 65.8 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 24.397 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

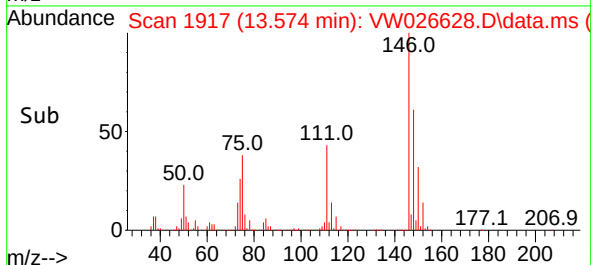
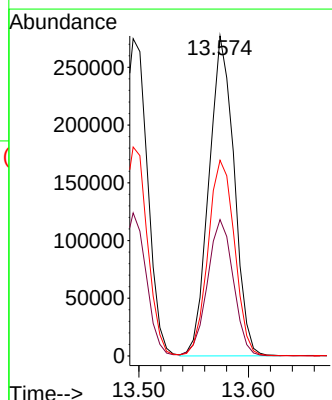
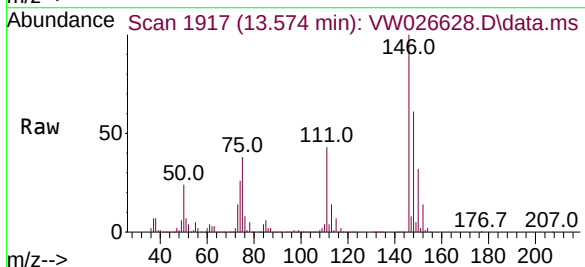
Tgt Ion:146 Resp: 443027

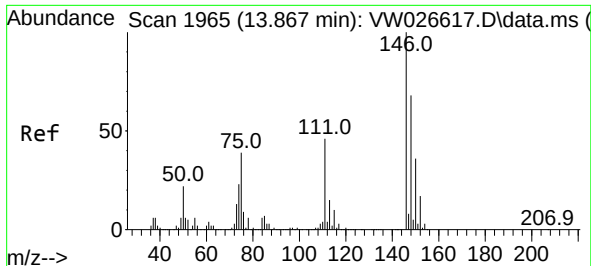
Ion Ratio Lower Upper

146 100

111 42.6 29.7 55.1

148 61.1 45.4 84.4

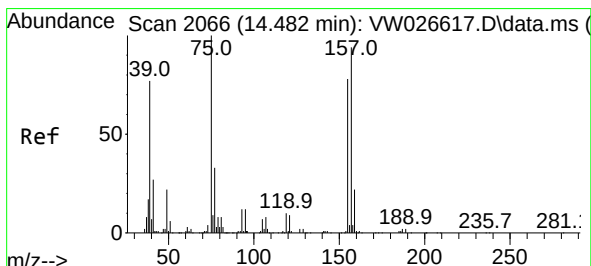
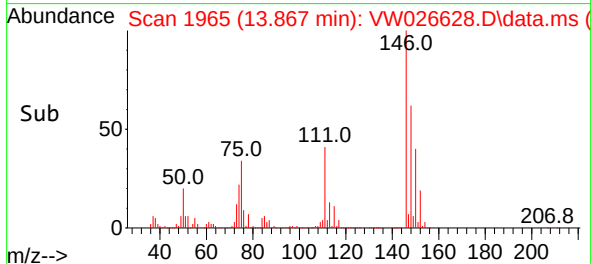
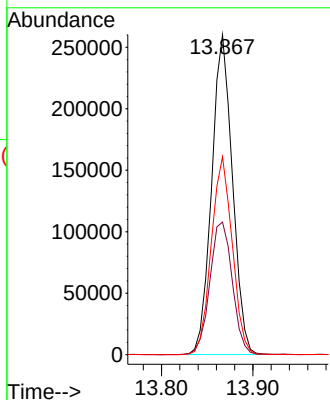
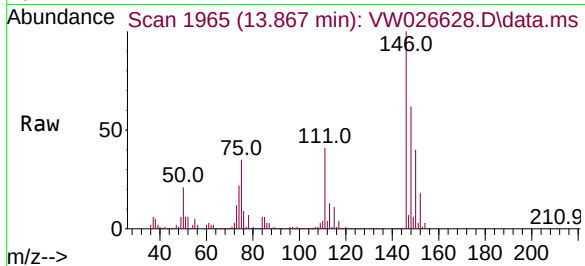




#67
1,2-Dichlorobenzene
Concen: 25.460 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

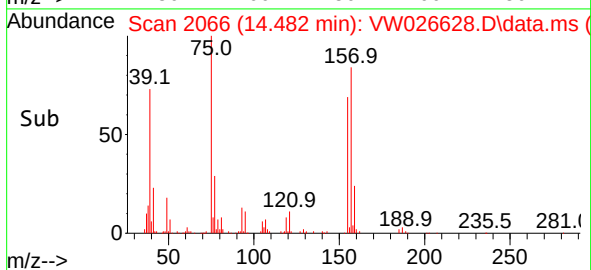
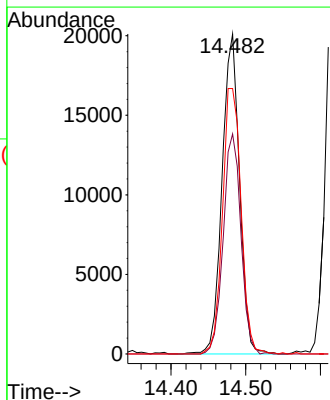
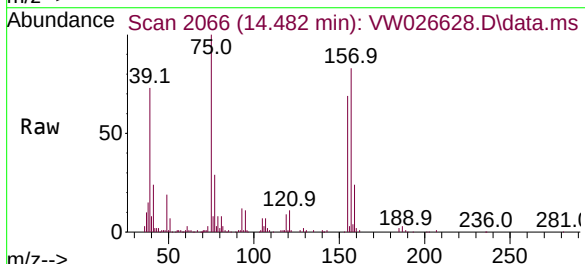
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

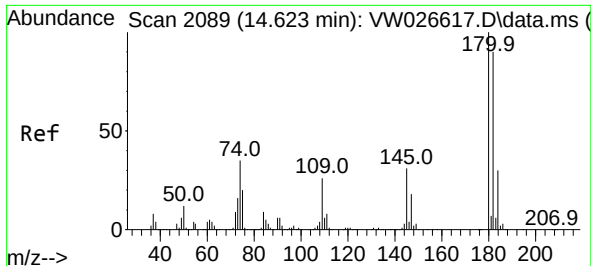
Tgt Ion:146 Resp: 410275
Ion Ratio Lower Upper
146 100
111 41.4 31.8 47.8
148 61.8 46.9 70.3



#68
1,2-Dibromo-3-chloropropane
Concen: 18.060 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW026628.D
Acq: 21 Jul 2023 08:53

Tgt Ion: 75 Resp: 32561
Ion Ratio Lower Upper
75 100
155 68.8 49.1 73.7
157 82.9 60.6 90.8

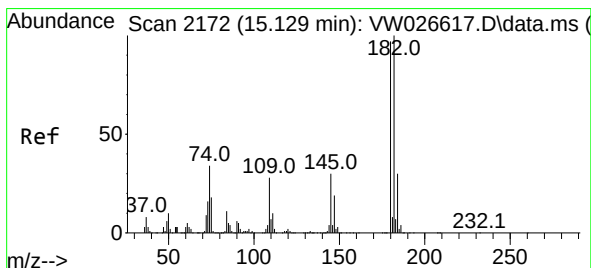
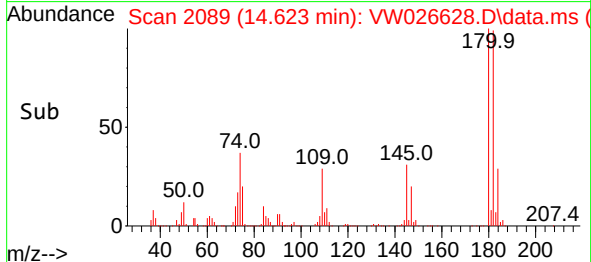
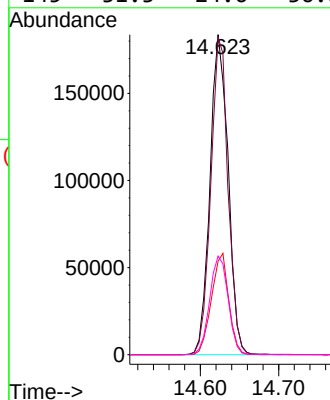
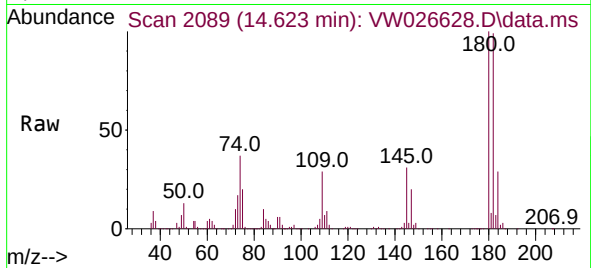




#69
 1,3,5-Trichlorobenzene
 Concen: 24.442 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026628.D
 Acq: 21 Jul 2023 08:53

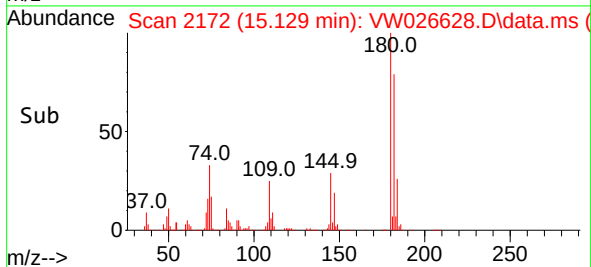
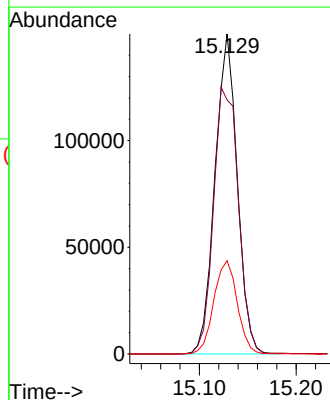
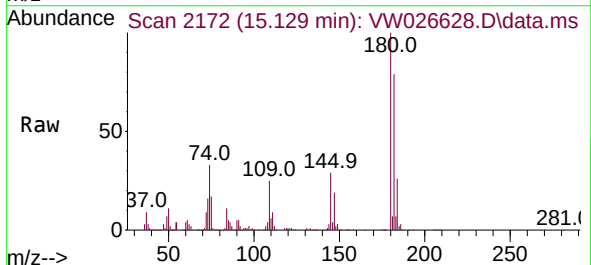
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

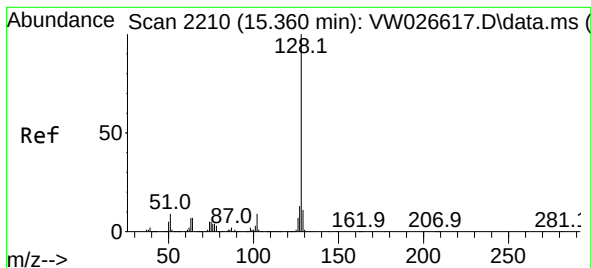
Tgt Ion:	180	Resp:	294518
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.8	113.6
184	30.4	23.7	35.5
145	31.3	24.6	36.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.215 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026628.D
 Acq: 21 Jul 2023 08:53

Tgt Ion:	180	Resp:	239441
Ion Ratio	Lower	Upper	
180	100		
182	93.0	73.5	110.3
145	30.7	25.0	37.6





#71

Naphthalene

Concen: 20.374 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

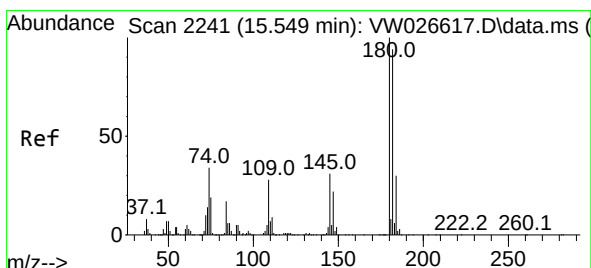
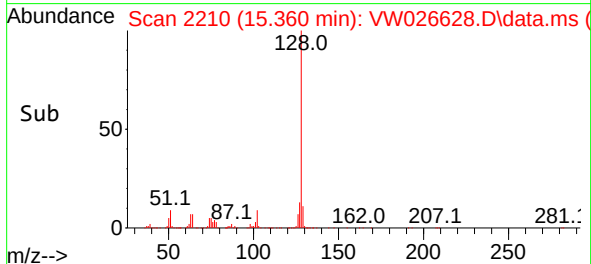
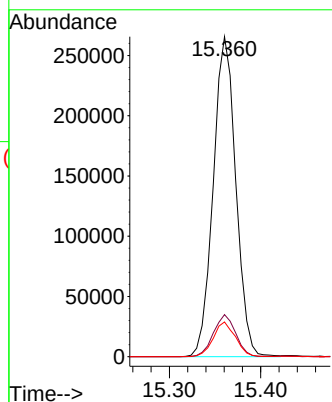
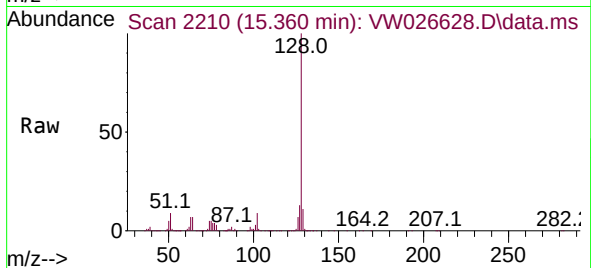
Tgt Ion:128 Resp: 456233

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.731 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026628.D

Acq: 21 Jul 2023 08:53

Tgt Ion:180 Resp: 211599

Ion Ratio Lower Upper

180 100

182 93.2 75.2 112.8

145 34.5 26.6 40.0

