

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072823\
 Data File : VW026668.D
 Acq On : 28 Jul 2023 14:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Jul 28 22:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 28 22:07:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	562218	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	529928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	270558	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	211819	22.336	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
7) Chloroethane-d5	2.893	69	165199	24.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	4.021	65	107534	24.145	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.600%
21) 2-Butanone-d5	7.075	46	165060	53.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.700%
24) Chloroform-d	7.648	84	491046	30.337	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.360%
26) 1,2-Dichloroethane-d4	8.301	65	273762	30.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.160%
32) Benzene-d6	8.270	84	997347	27.416	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.680%
36) 1,2-Dichloropropane-d6	9.270	67	316323	28.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.120%
41) Toluene-d8	10.319	98	875636	28.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.240%
43) trans-1,3-Dichloroprop...	10.575	79	122222	27.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	118337	54.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	257645	27.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	281683	28.357	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104199	16.430	ug/L	90
3) Chloromethane	2.229	50	191163	21.096	ug/L	97
5) Vinyl chloride	2.381	62	182289	19.088	ug/L	98
6) Bromomethane	2.783	94	109212	21.512	ug/L	100
8) Chloroethane	2.930	64	115000	21.536	ug/L	98
9) Trichlorofluoromethane	3.259	101	130208	18.408	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	168149	21.420	ug/L	97
12) 1,1-Dichloroethene	4.052	96	163714	21.737	ug/L	97
13) Acetone	4.125	43	83760	37.992	ug/L	99
14) Carbon disulfide	4.393	76	526419	19.938	ug/L	99
15) Methyl Acetate	4.673	43	116970	22.083	ug/L	98
16) Methylene chloride	4.923	84	212701	21.415	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	187463	23.279	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	316114	25.081	ug/L	99
19) 1,1-Dichloroethane	6.210	63	409861	25.456	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	215108	25.796	ug/L	98
22) 2-Butanone	7.167	43	158569	47.231	ug/L	99
23) Bromochloromethane	7.508	128	95626	26.771	ug/L	96
25) Chloroform	7.673	83	387017	26.235	ug/L	100

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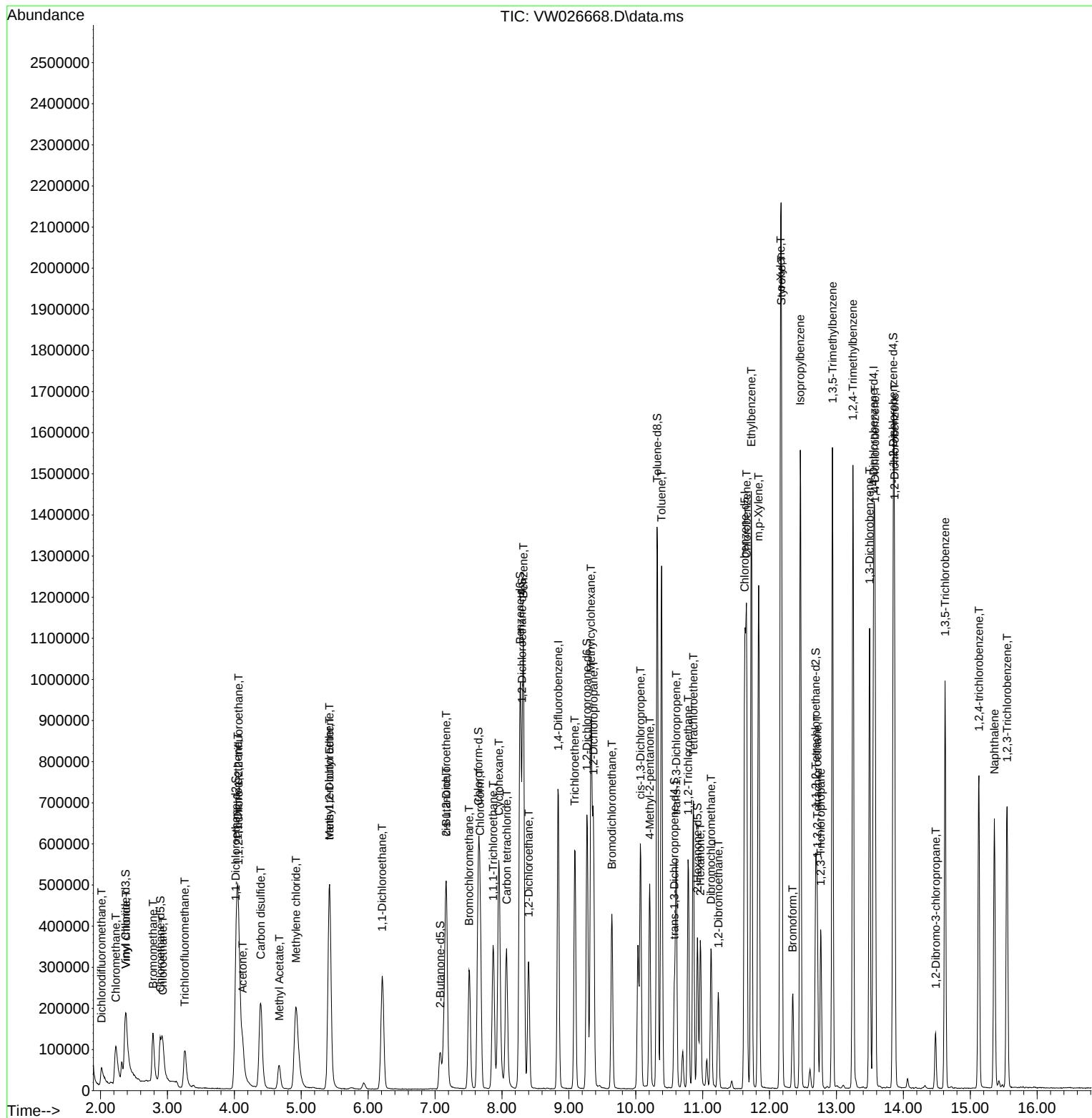
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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 28 22:07:53 2023
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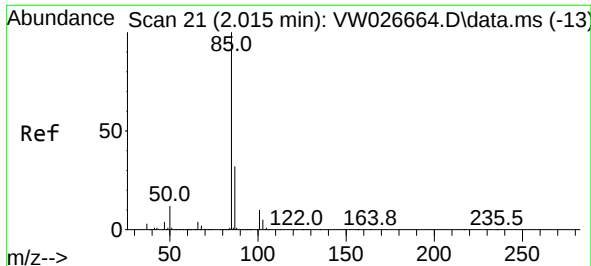
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	283036	27.255	ug/L	99
29) Cyclohexane	7.953	56	332170	20.132	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	291194	22.419	ug/L	98
31) Carbon tetrachloride	8.069	117	262257	22.244	ug/L	100
33) Benzene	8.319	78	866215	23.723	ug/L	100
34) Trichloroethene	9.087	95	209858	22.375	ug/L	96
35) Methylcyclohexane	9.331	83	349482	20.751	ug/L	100
37) 1,2-Dichloropropane	9.368	63	241537	24.909	ug/L	99
38) Bromodichloromethane	9.642	83	284850	25.856	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	345279	24.733	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	343427	46.924	ug/L	99
42) Toluene	10.386	91	893893	24.242	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	300867	25.554	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	170976	25.264	ug/L	99
46) Tetrachloroethene	10.861	164	150016	22.530	ug/L	94
48) 2-Hexanone	10.965	43	239007	46.794	ug/L	99
49) Dibromochloromethane	11.123	129	172482	25.739	ug/L	92
50) 1,2-Dibromoethane	11.233	107	155507	24.376	ug/L	98
51) Chlorobenzene	11.654	112	549324	24.297	ug/L	97
52) Ethylbenzene	11.727	91	988140	24.071	ug/L	98
53) m,p-Xylene	11.837	106	375032	25.111	ug/L	94
54) o-Xylene	12.166	106	357535	25.505	ug/L	98
55) Styrene	12.178	104	645363	27.294	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	217871	24.531	ug/L	96
59) Bromoform	12.343	173	101186	23.646	ug/L	93
60) Isopropylbenzene	12.459	105	960390	22.943	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	160284	21.933	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	782013	24.356	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	772868	24.279	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	419299	23.871	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	422685	24.128	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	374757	24.107	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.483	75	35933	20.659	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	277622	23.883	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	220159	23.080	ug/L	97
71) Naphthalene	15.360	128	529095	24.493	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	217713	24.244	ug/L	98

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

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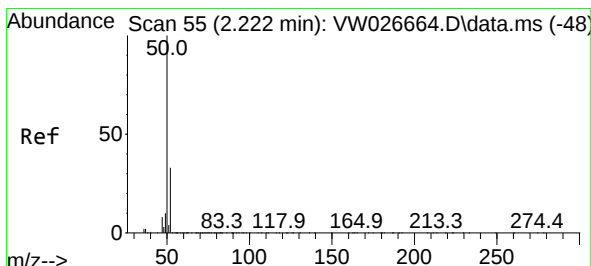
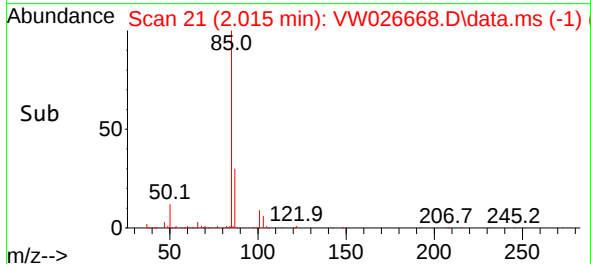
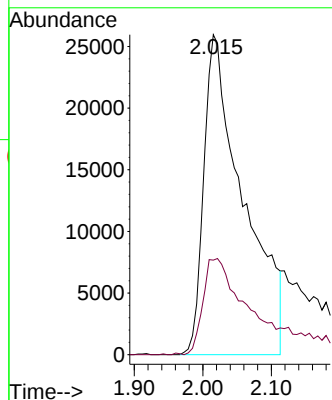
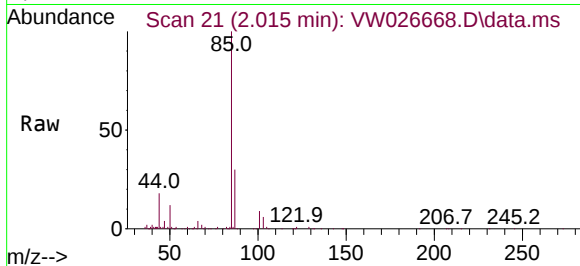




#2
 Dichlorodifluoromethane
 Concen: 16.430 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026668.D
 Acq: 28 Jul 2023 14:43

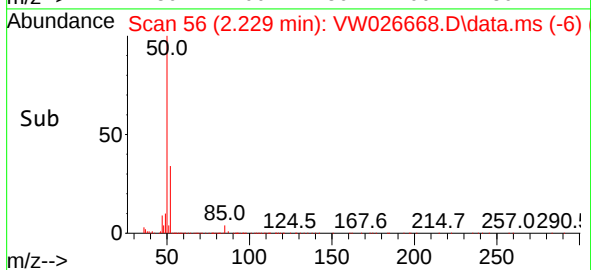
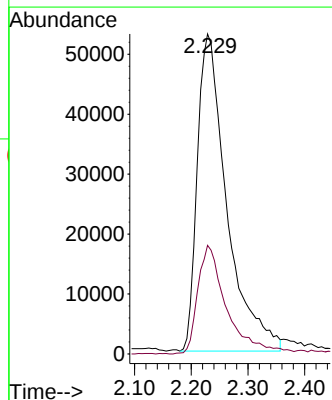
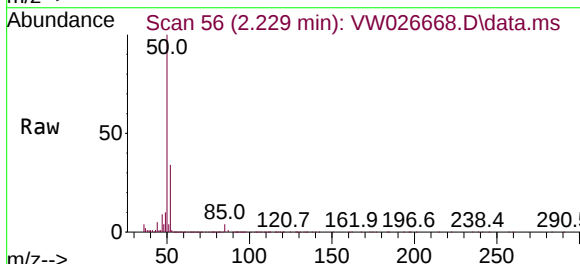
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

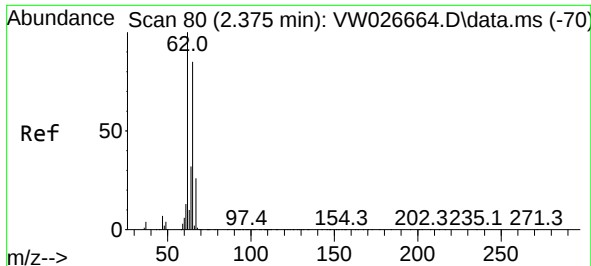
Tgt Ion: 85 Resp: 104199
 Ion Ratio Lower Upper
 85 100
 87 32.0 21.4 32.0



#3
 Chloromethane
 Concen: 21.096 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026668.D
 Acq: 28 Jul 2023 14:43

Tgt Ion: 50 Resp: 191163
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.5 41.7

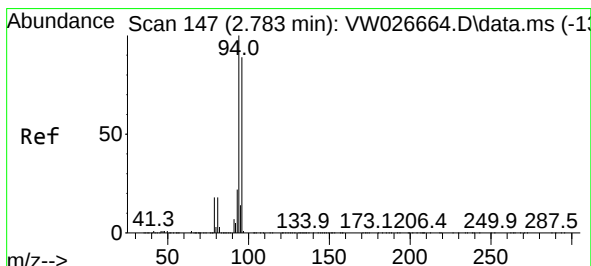
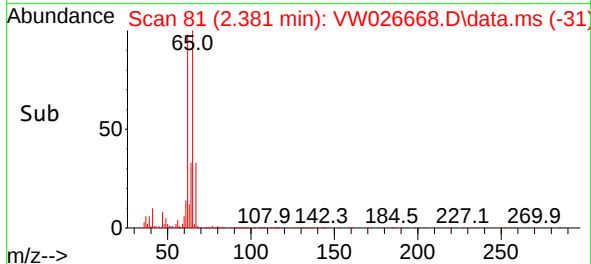
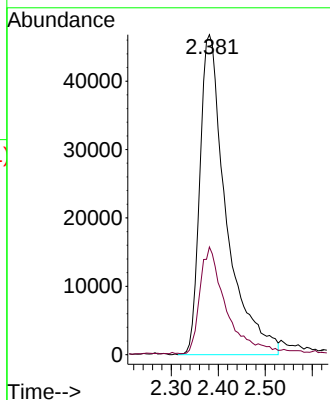
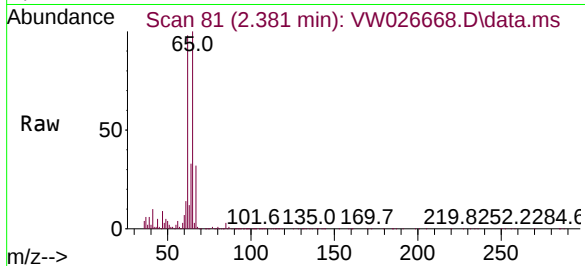




#5
 Vinyl chloride
 Concen: 19.088 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026668.D
 Acq: 28 Jul 2023 14:43

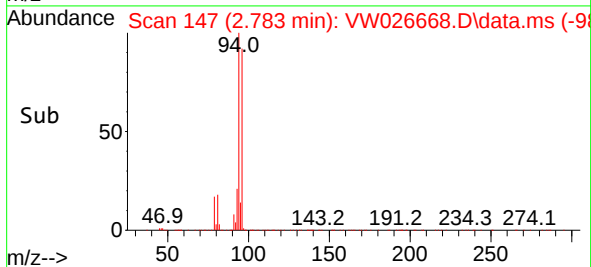
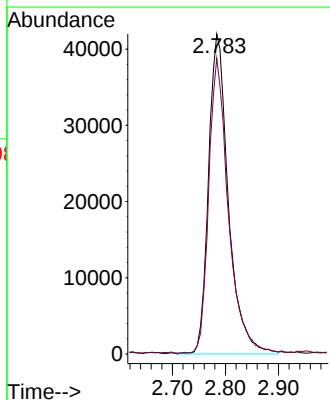
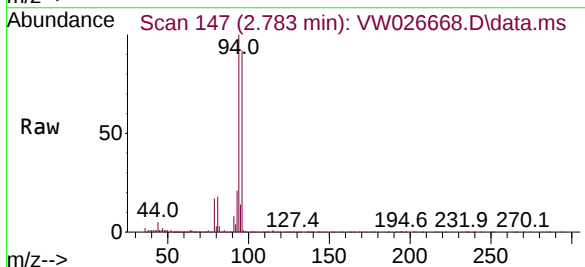
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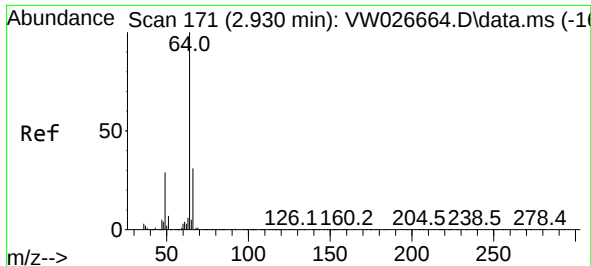
Tgt Ion: 62 Resp: 182289
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.2 45.0



#6
 Bromomethane
 Concen: 21.512 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026668.D
 Acq: 28 Jul 2023 14:43

Tgt Ion: 94 Resp: 109212
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.5 119.9

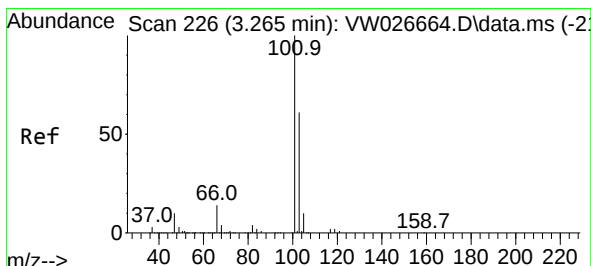
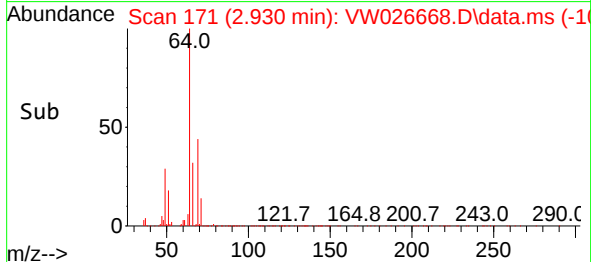
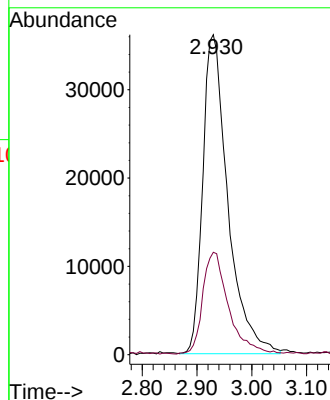
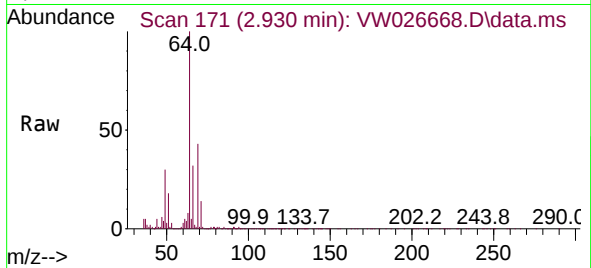




#8
Chloroethane
Concen: 21.536 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

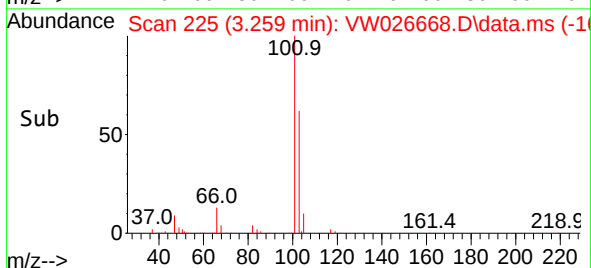
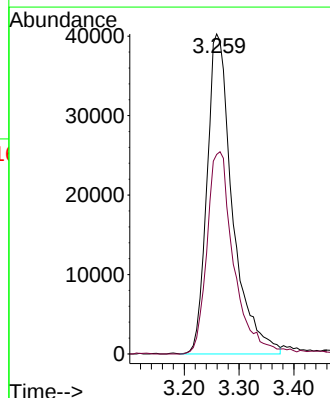
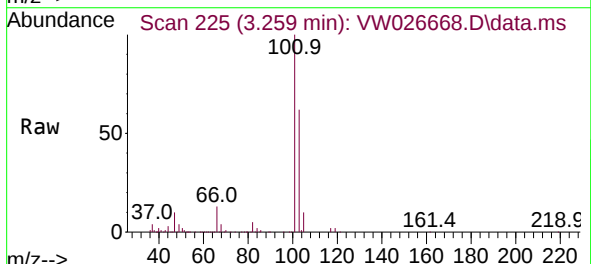
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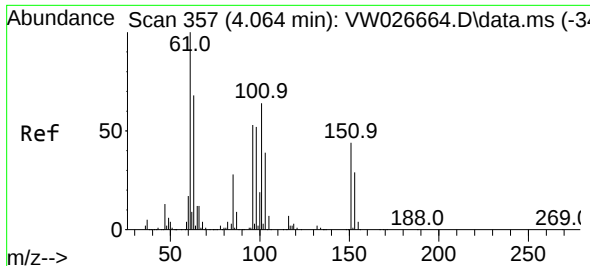
Tgt Ion: 64 Resp: 115000
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 18.408 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion:101 Resp: 130208
Ion Ratio Lower Upper
101 100
103 62.7 50.3 75.5

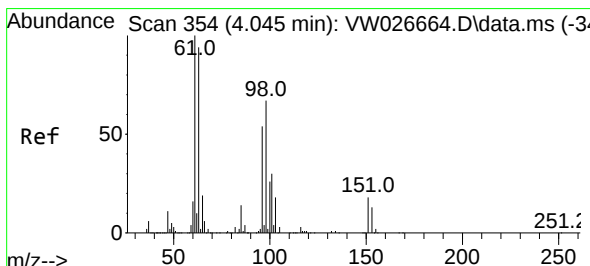
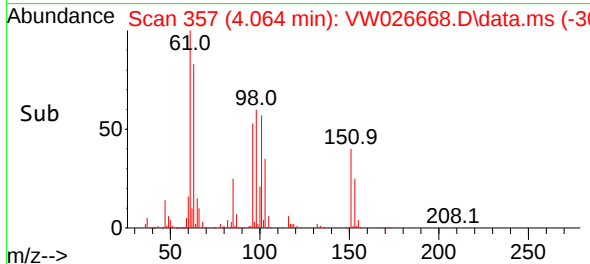
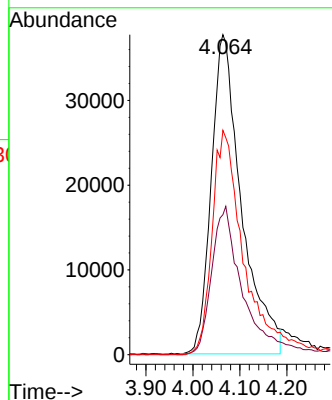
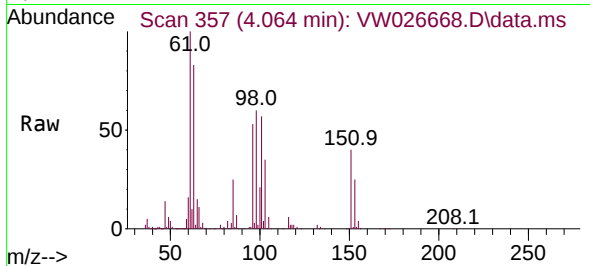




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.420 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. 0.000 min
 Lab File: VW026668.D
 Acq: 28 Jul 2023 14:43

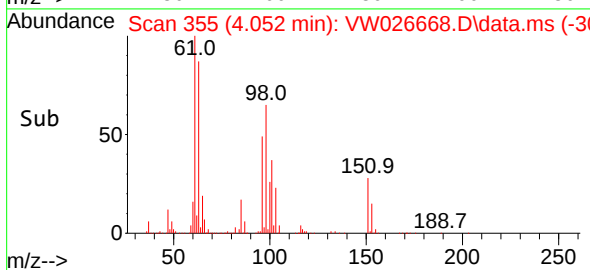
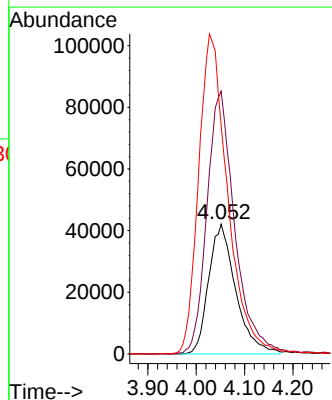
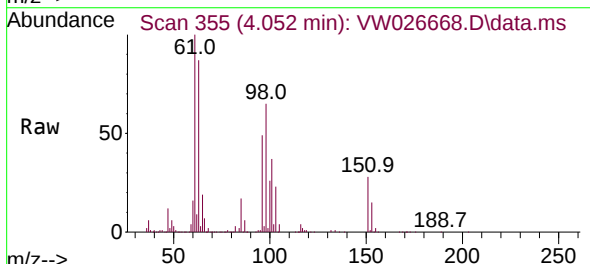
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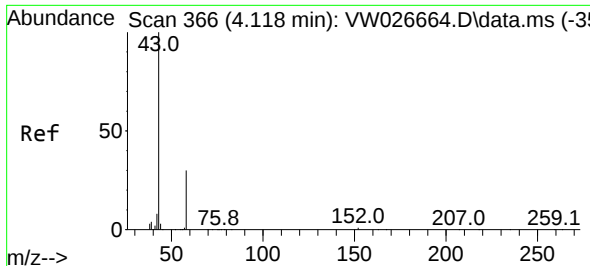
Tgt Ion:101 Resp: 168149
 Ion Ratio Lower Upper
 101 100
 85 47.7 36.1 54.1
 151 72.0 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 21.737 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026668.D
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Tgt Ion: 96 Resp: 163714
 Ion Ratio Lower Upper
 96 100
 61 202.4 140.8 261.4
 63 176.0 127.7 237.3

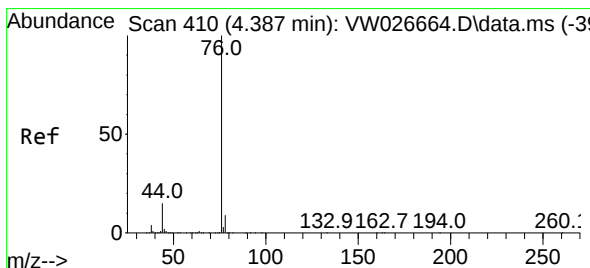
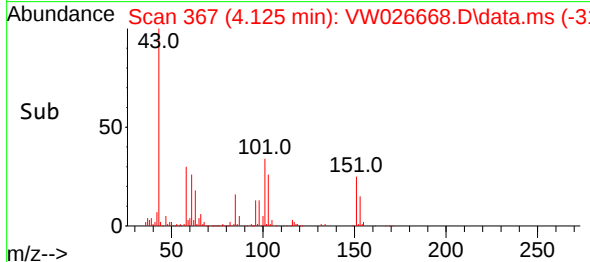
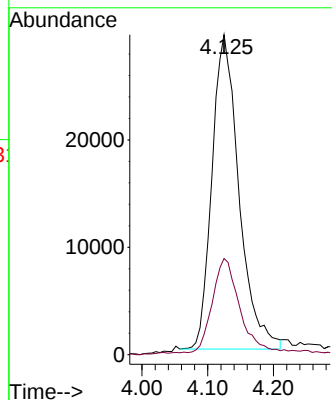
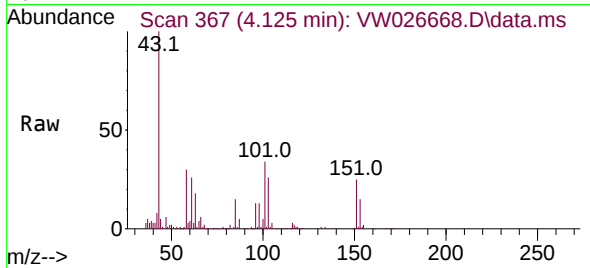




#13
Acetone
Concen: 37.992 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

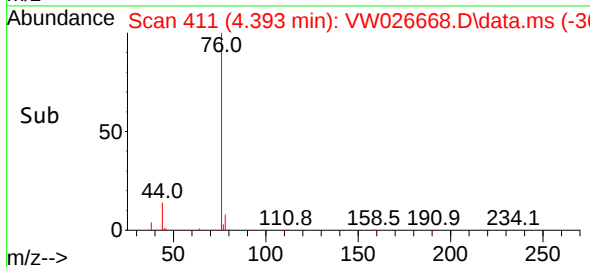
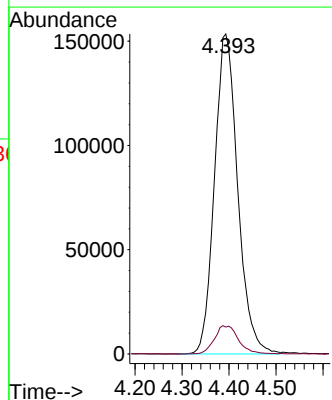
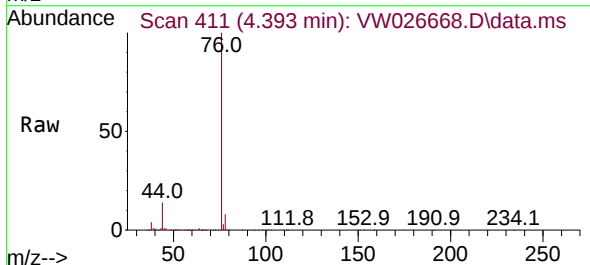
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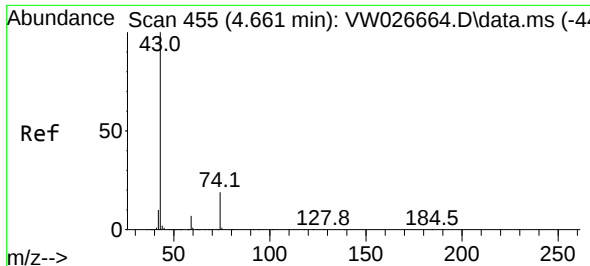
Tgt Ion: 43 Resp: 83760
Ion Ratio Lower Upper
43 100
58 31.2 0.0 63.2



#14
Carbon disulfide
Concen: 19.938 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 526419
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3

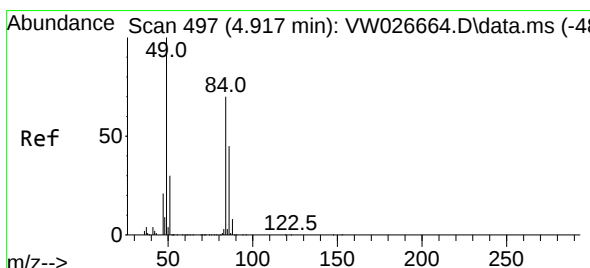
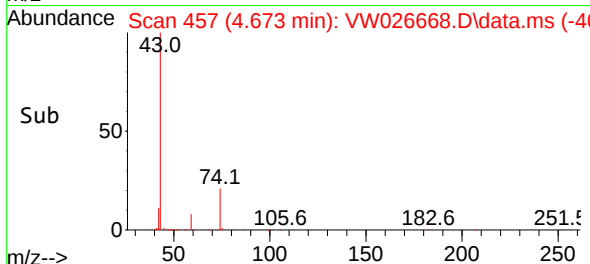
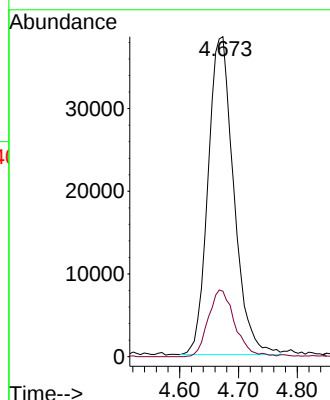
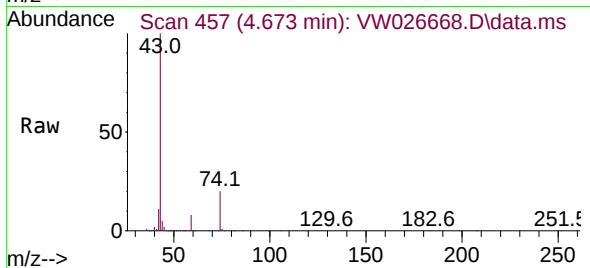




#15
Methyl Acetate
Concen: 22.083 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

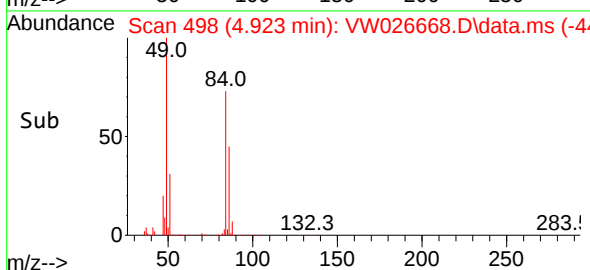
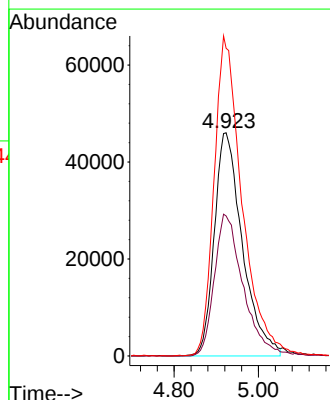
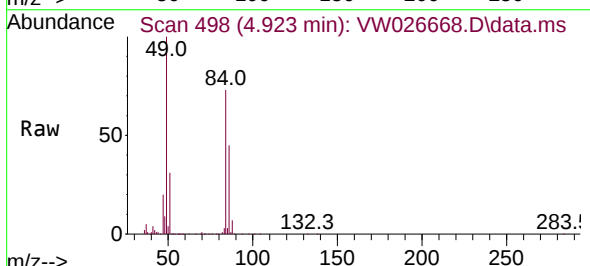
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

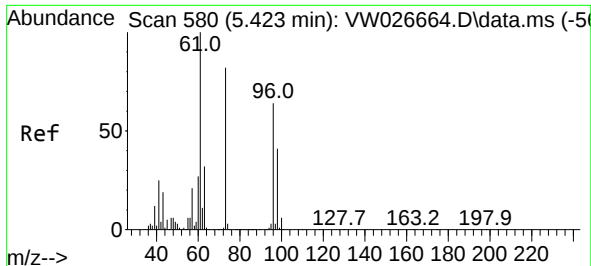
Tgt Ion: 43 Resp: 116970
Ion Ratio Lower Upper
43 100
74 21.2 16.3 24.5



#16
Methylene chloride
Concen: 21.415 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 84 Resp: 212701
Ion Ratio Lower Upper
84 100
86 62.7 43.8 81.3
49 137.8 99.2 184.2

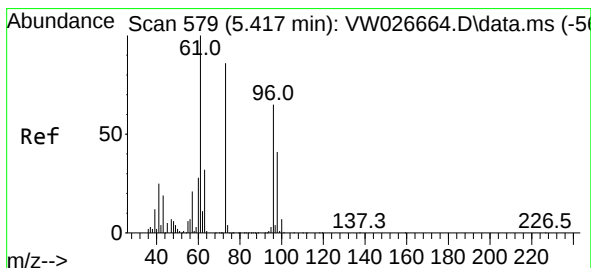
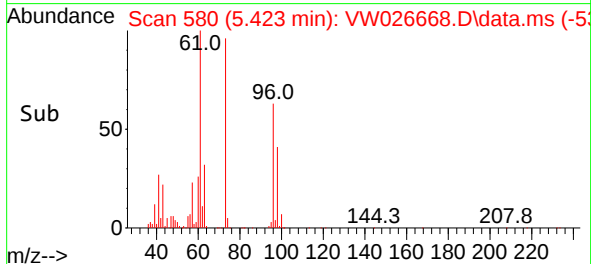
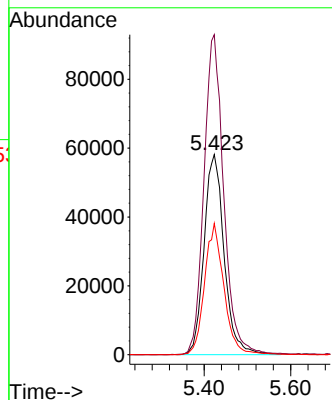
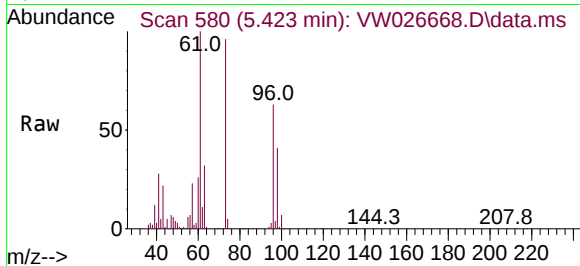




#17
trans-1,2-Dichloroethene
Concen: 23.279 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

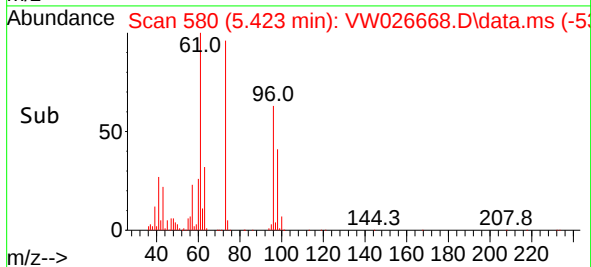
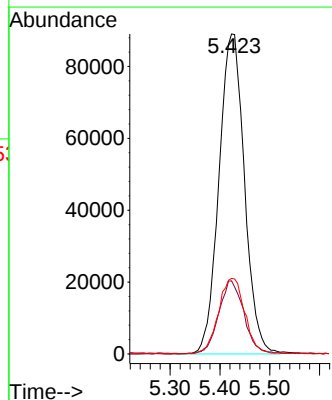
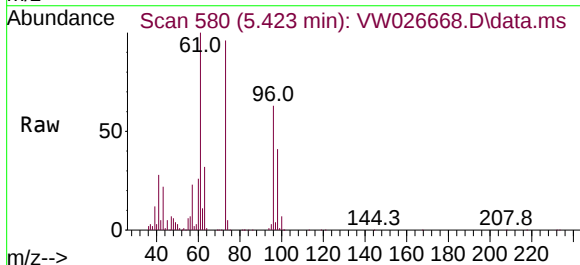
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

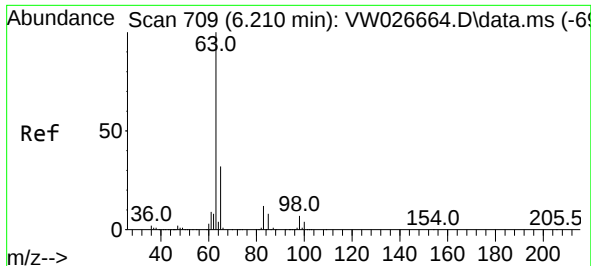
Tgt Ion: 96 Resp: 187463
Ion Ratio Lower Upper
96 100
61 159.9 108.1 200.9
98 65.6 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 25.081 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 73 Resp: 316114
Ion Ratio Lower Upper
73 100
43 22.2 17.4 26.2
57 24.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.456 ug/L

RT: 6.210 min Scan# 709

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

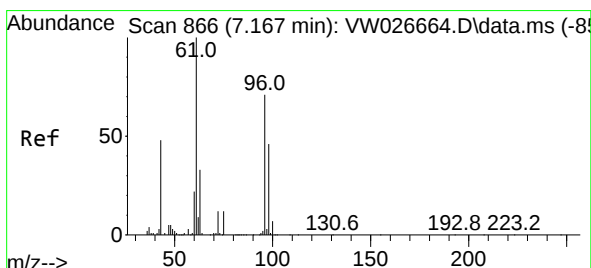
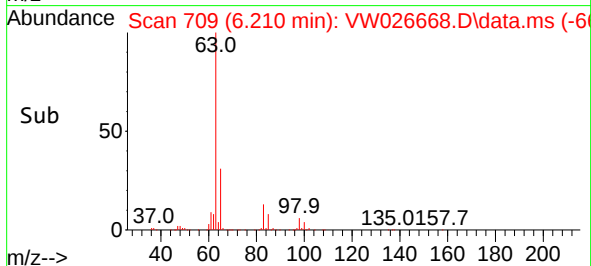
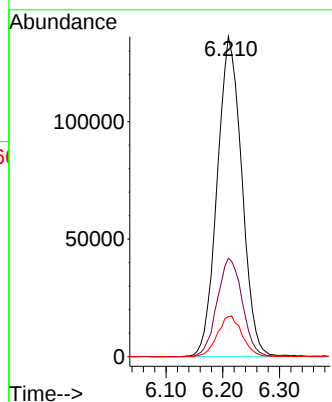
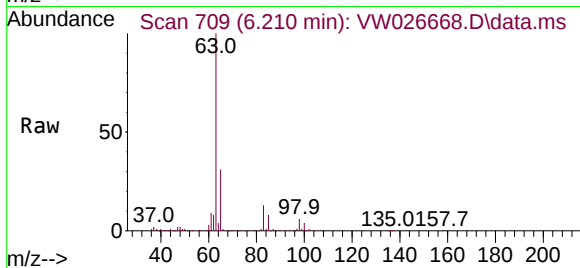
Tgt Ion: 63 Resp: 409861

Ion Ratio Lower Upper

63 100

65 30.7 22.3 41.5

83 12.6 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: VW026668.D

Acq: 28 Jul 2023 14:43

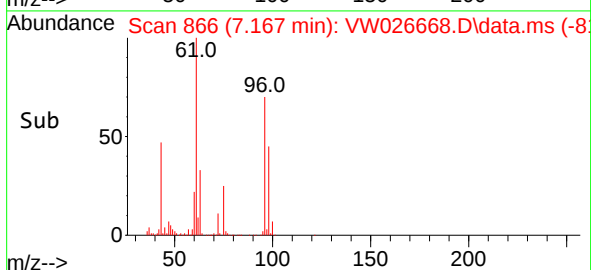
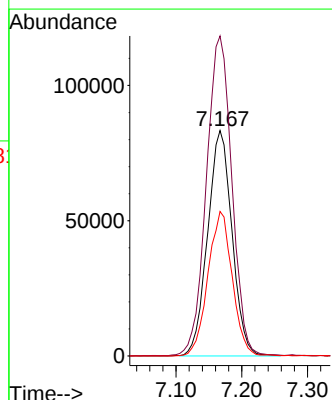
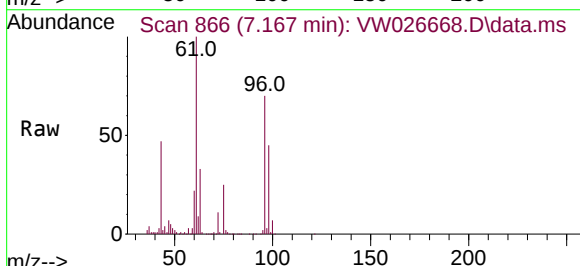
Tgt Ion: 96 Resp: 215108

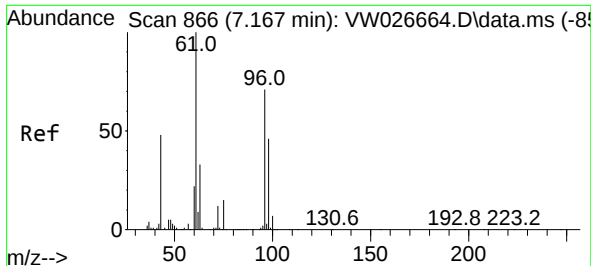
Ion Ratio Lower Upper

96 100

61 141.9 98.8 183.6

98 64.1 42.4 78.6

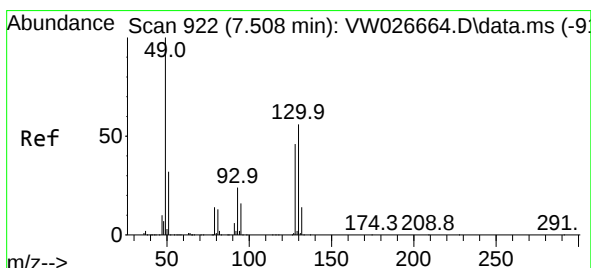
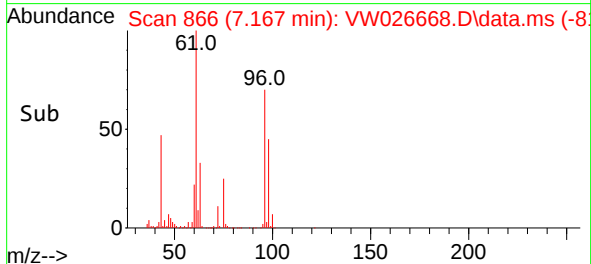
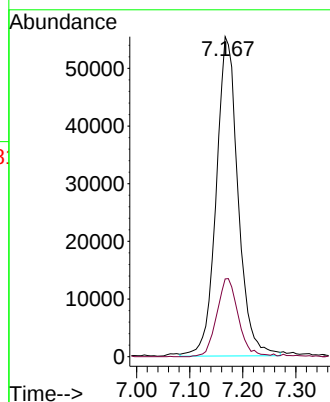
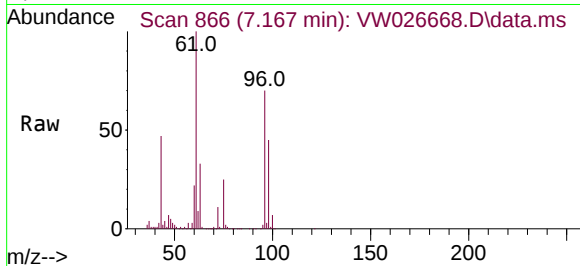




#22
2-Butanone
Concen: 47.231 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

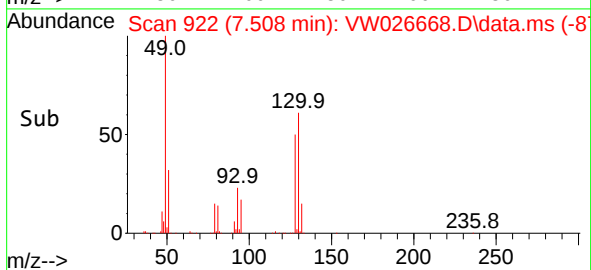
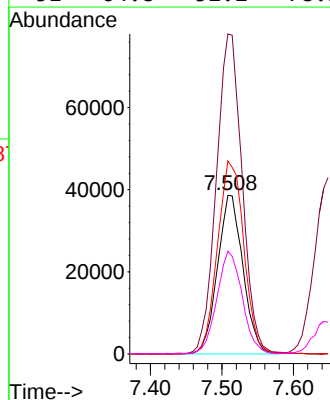
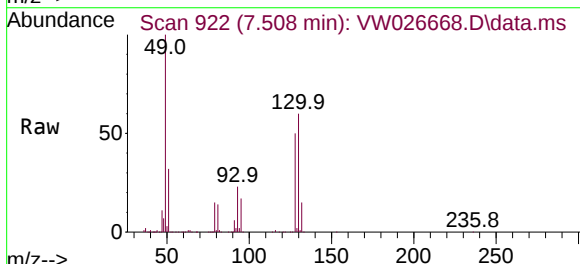
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

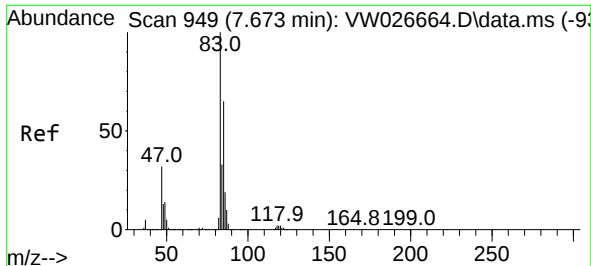
Tgt Ion: 43 Resp: 158569
Ion Ratio Lower Upper
43 100
72 24.1 11.9 35.5



#23
Bromochloromethane
Concen: 26.771 ug/L
RT: 7.508 min Scan# 922
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 128 Resp: 95626
Ion Ratio Lower Upper
128 100
49 201.7 142.1 263.9
130 121.6 92.9 172.5
51 64.8 52.2 78.2

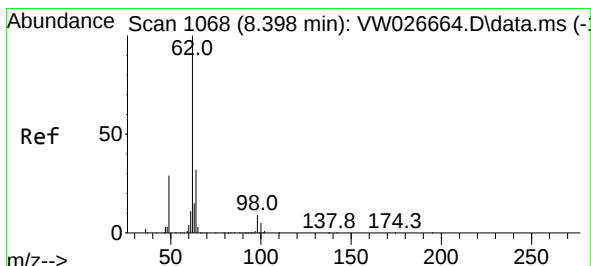
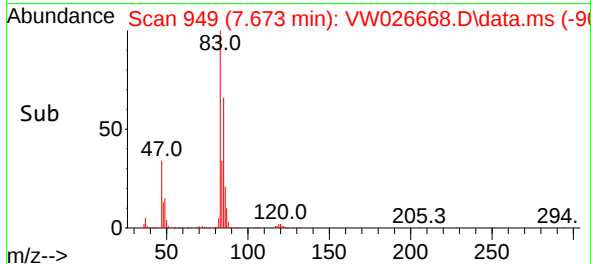
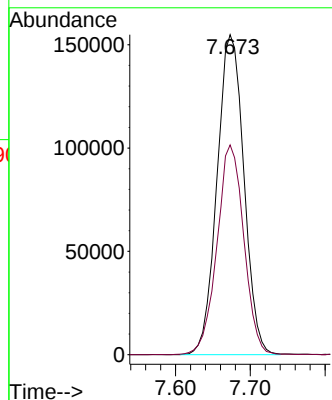
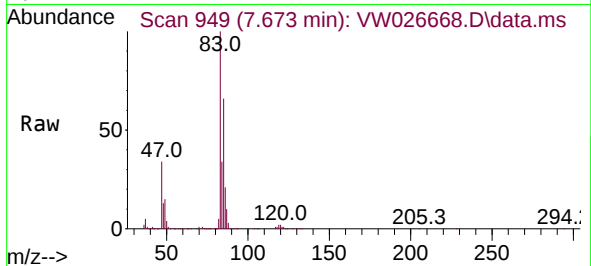




#25
Chloroform
Concen: 26.235 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

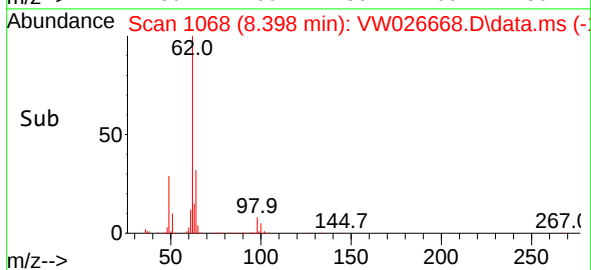
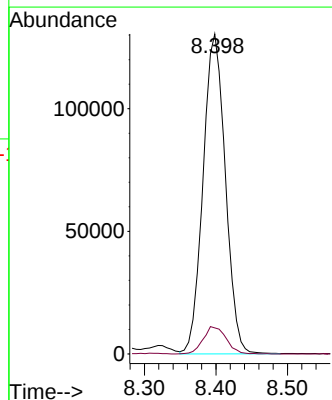
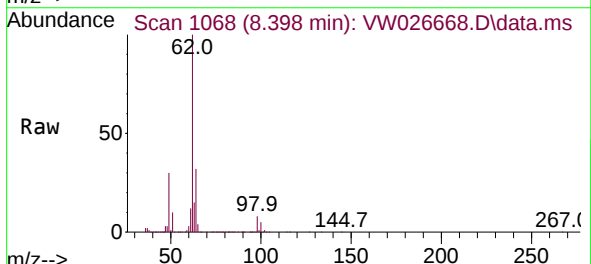
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

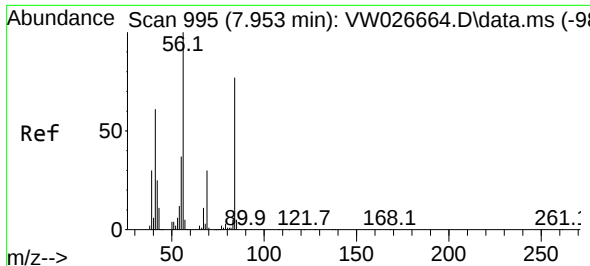
Tgt Ion: 83 Resp: 387017
Ion Ratio Lower Upper
83 100
85 65.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 27.255 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 62 Resp: 283036
Ion Ratio Lower Upper
62 100
98 8.2 6.7 10.1

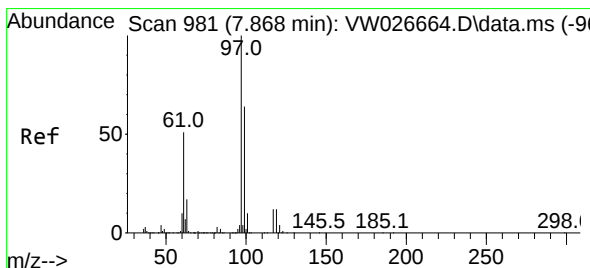
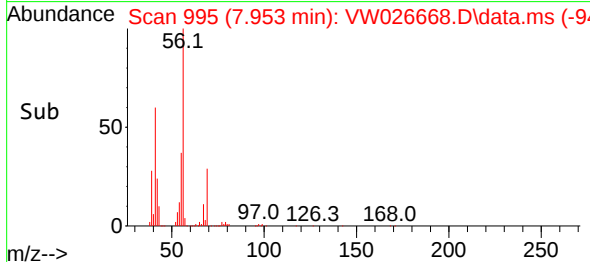
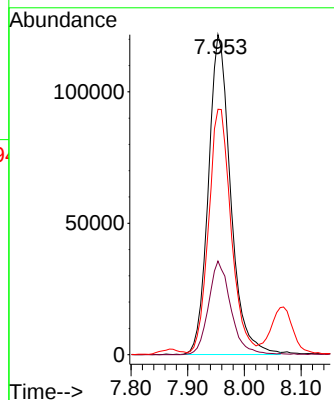
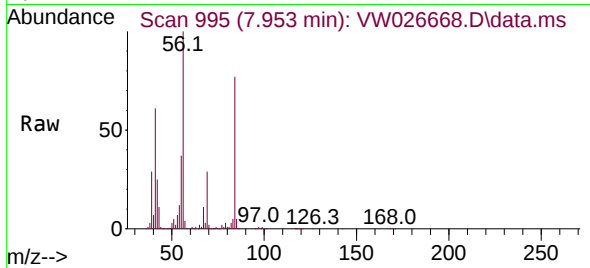




#29
Cyclohexane
Concen: 20.132 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

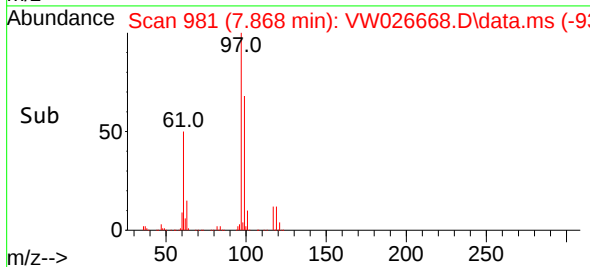
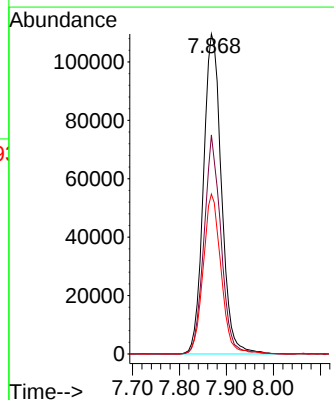
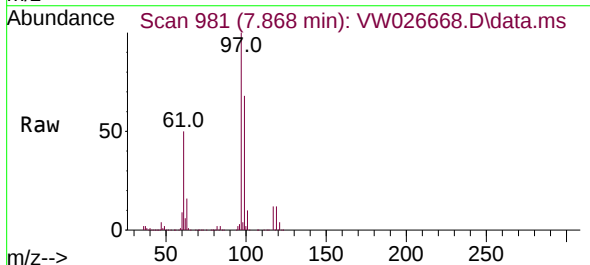
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

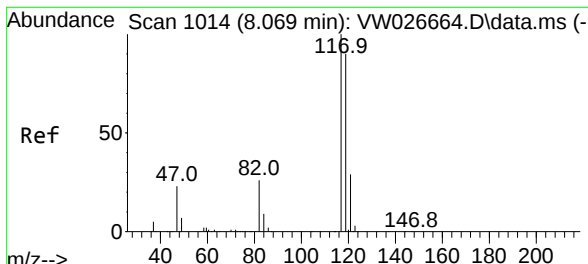
Tgt Ion: 56 Resp: 332170
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 77.4 62.6 94.0



#30
1,1,1-Trichloroethane
Concen: 22.419 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 97 Resp: 291194
Ion Ratio Lower Upper
97 100
99 64.0 49.9 74.9
61 49.1 39.8 59.8

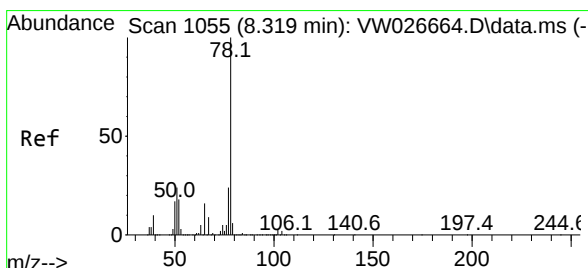
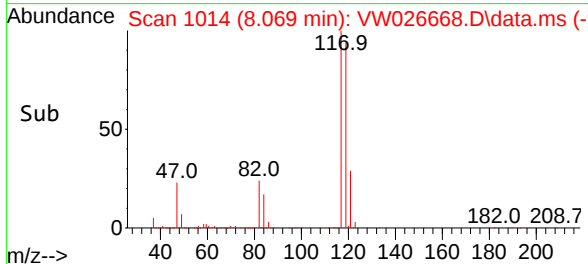
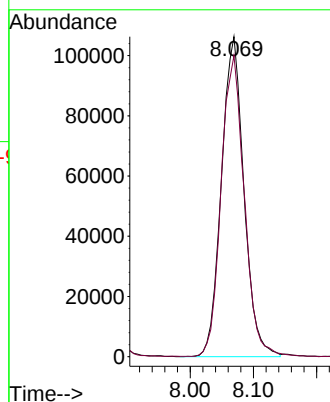
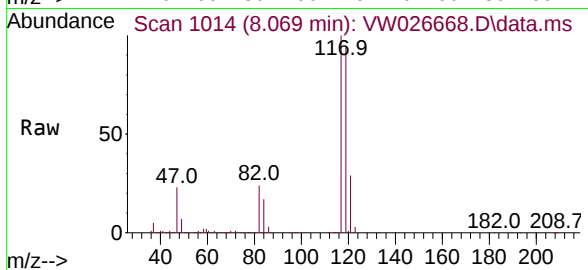




#31
Carbon tetrachloride
Concen: 22.244 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

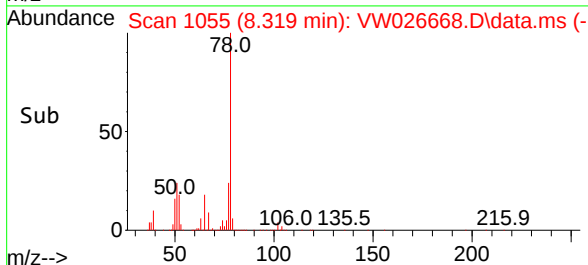
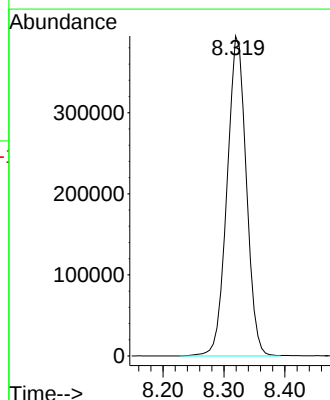
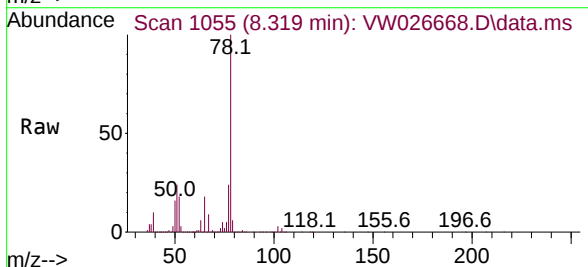
Instrument : MSVOA_W
ClientSampleId : VSTD025572

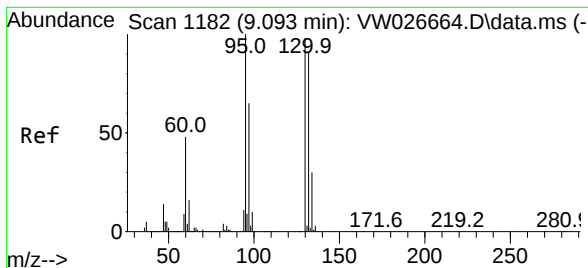
Tgt Ion:117 Resp: 262257
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7



#33
Benzene
Concen: 23.723 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 78 Resp: 866215





#34

Trichloroethene

Concen: 22.375 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

Tgt Ion: 95 Resp: 209858

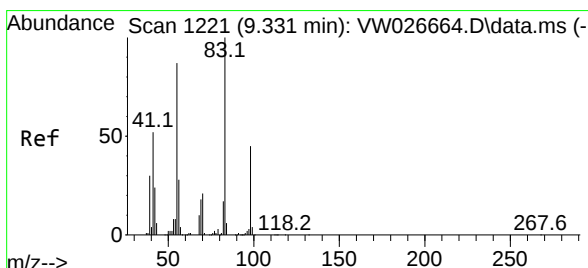
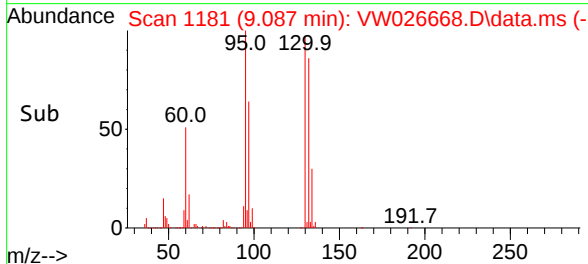
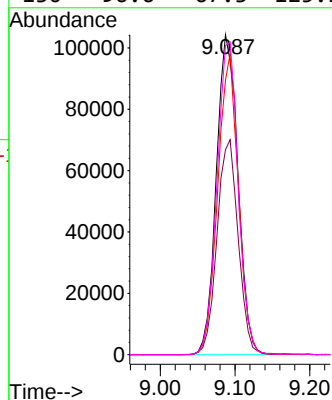
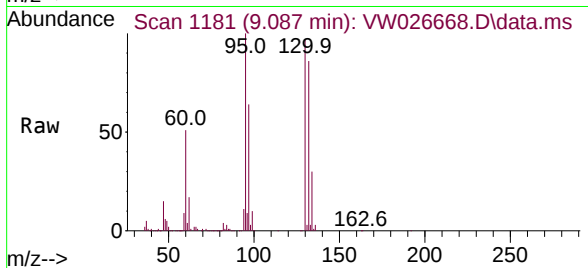
Ion Ratio Lower Upper

95 100

97 64.1 47.9 88.9

132 85.7 65.0 120.8

130 96.6 67.3 125.1



#35

Methylcyclohexane

Concen: 20.751 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

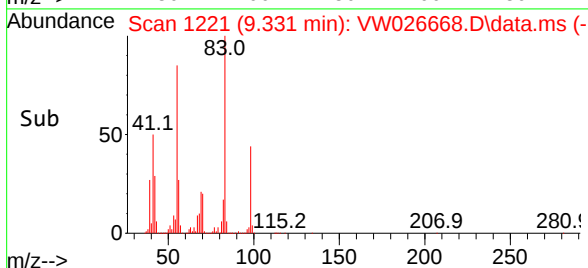
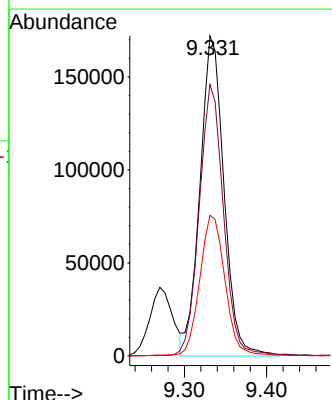
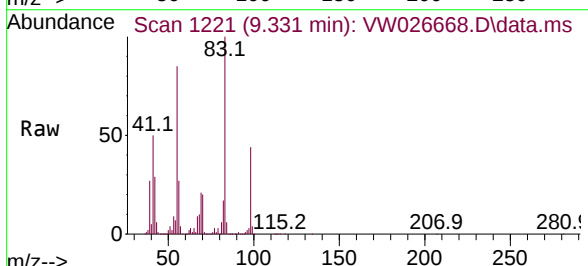
Tgt Ion: 83 Resp: 349482

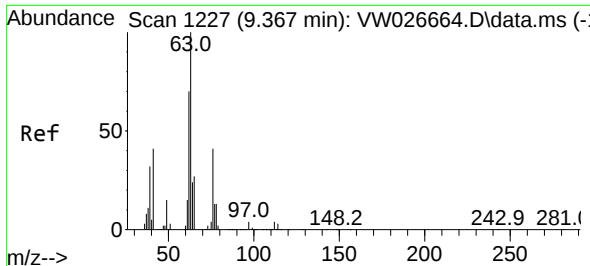
Ion Ratio Lower Upper

83 100

55 85.8 68.7 103.1

98 46.2 37.3 55.9





#37

1,2-Dichloropropane

Concen: 24.909 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

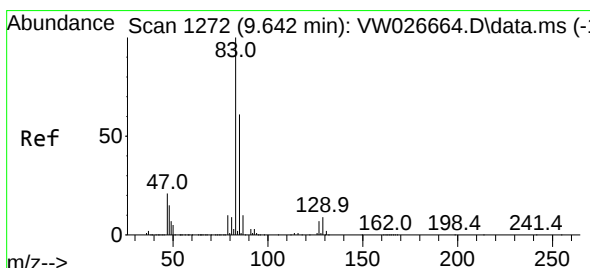
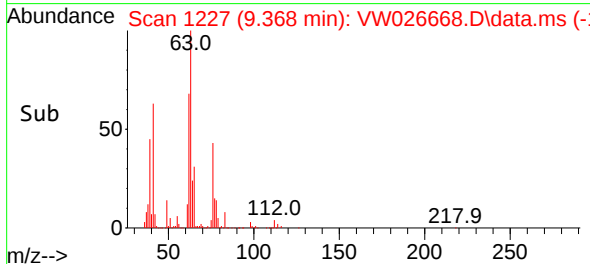
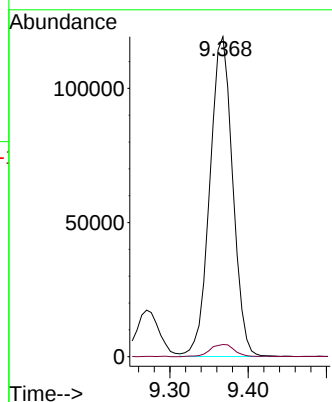
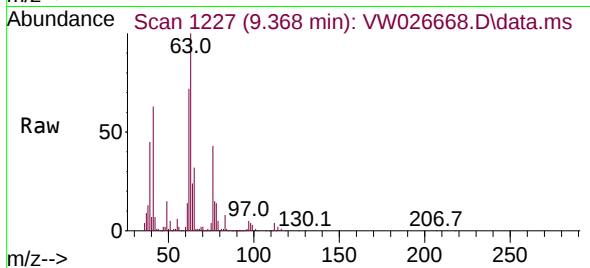
VSTD025572

Tgt Ion: 63 Resp: 241537

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 25.856 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

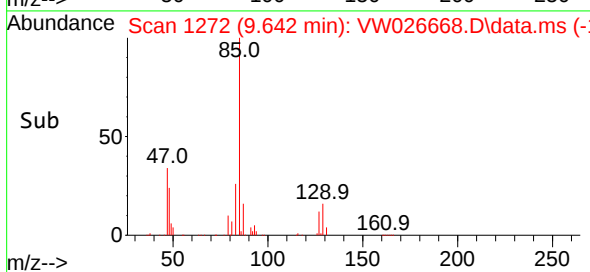
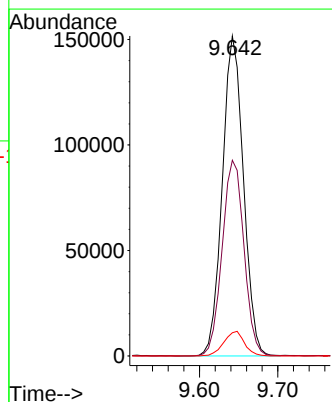
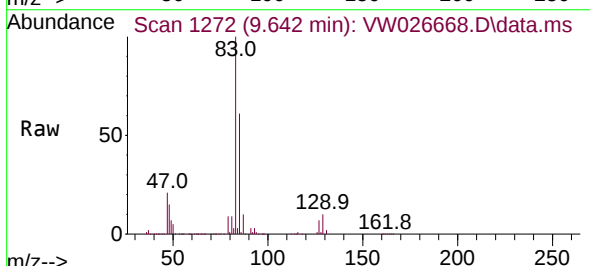
Tgt Ion: 83 Resp: 284850

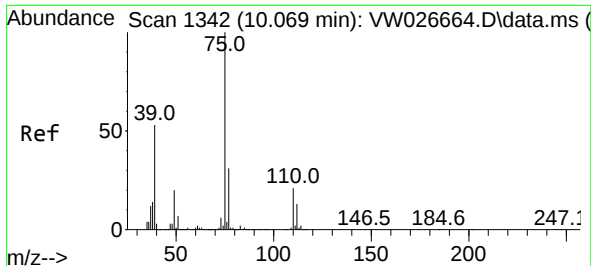
Ion Ratio Lower Upper

83 100

85 61.1 43.3 80.3

127 7.3 6.6 10.0

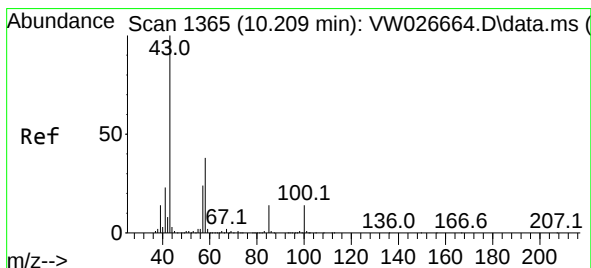
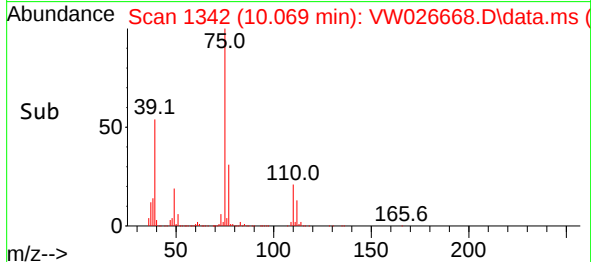
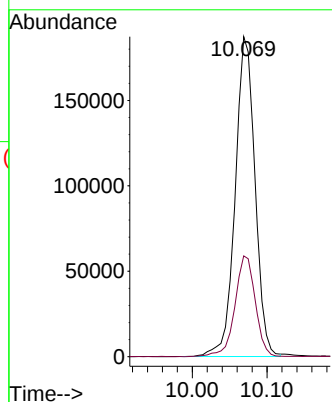
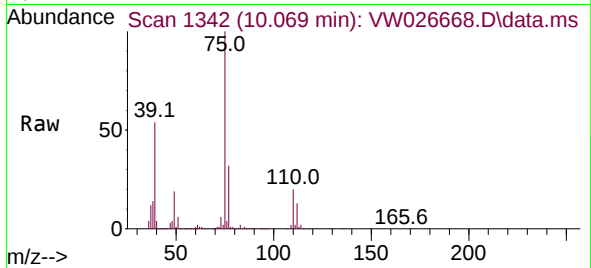




#39
 cis-1,3-Dichloropropene
 Concen: 24.733 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW026668.D
 Acq: 28 Jul 2023 14:43

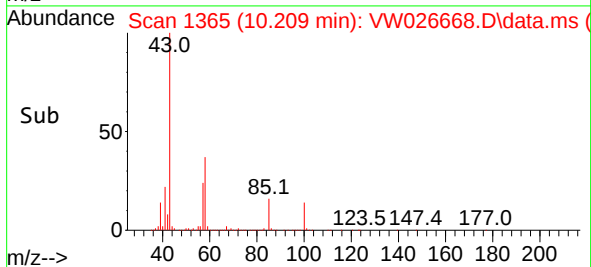
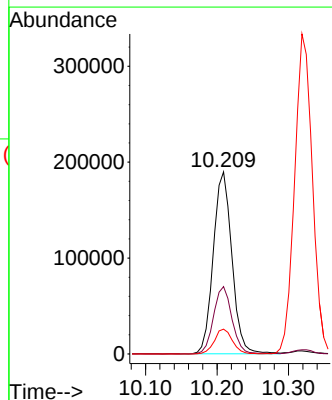
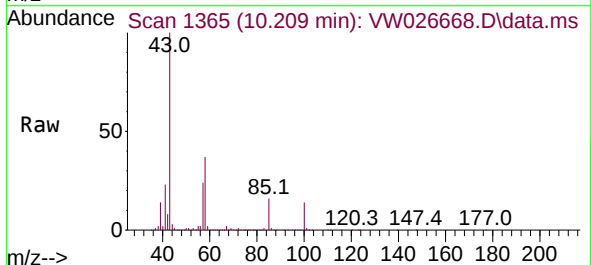
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

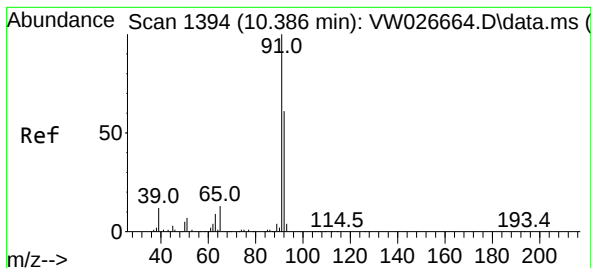
Tgt Ion: 75 Resp: 345279
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 46.924 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026668.D
 Acq: 28 Jul 2023 14:43

Tgt Ion: 43 Resp: 343427
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.8 44.8
 100 13.3 10.7 16.1





#42

Toluene

Concen: 24.242 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

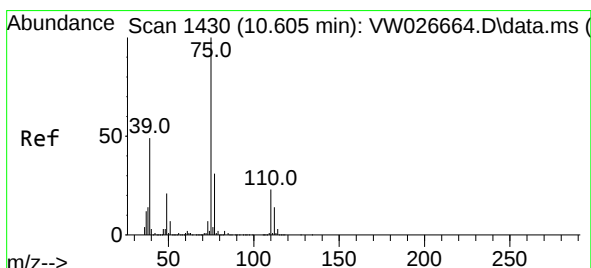
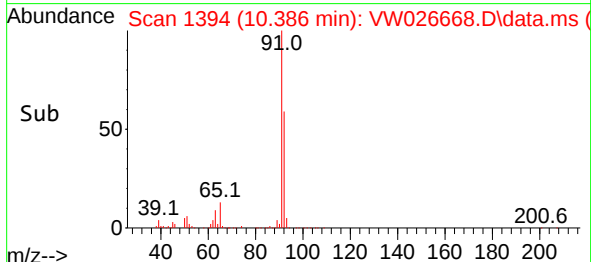
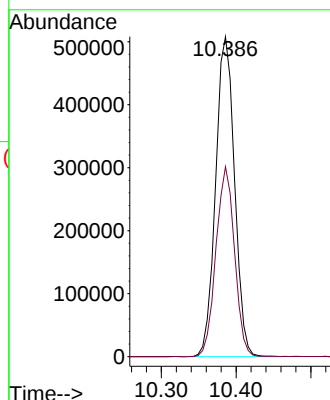
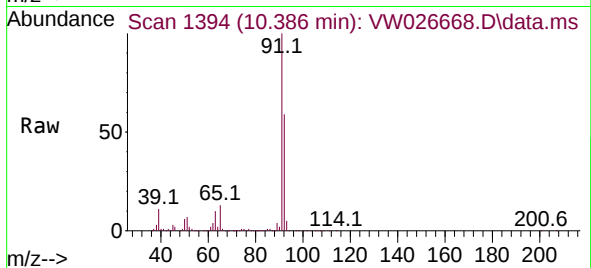
VSTD025572

Tgt Ion: 91 Resp: 893893

Ion Ratio Lower Upper

91 100

92 59.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 25.554 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026668.D

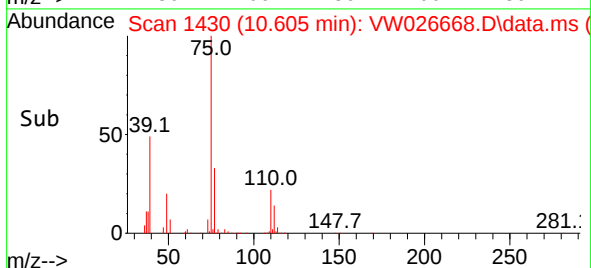
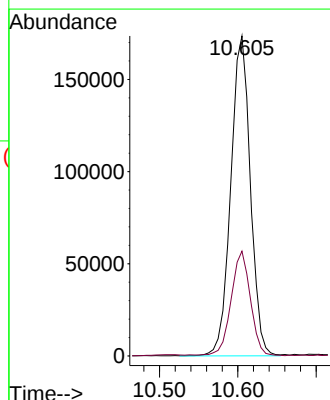
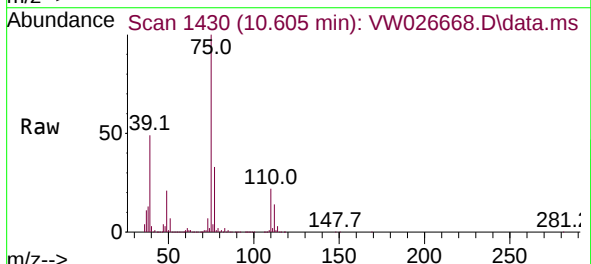
Acq: 28 Jul 2023 14:43

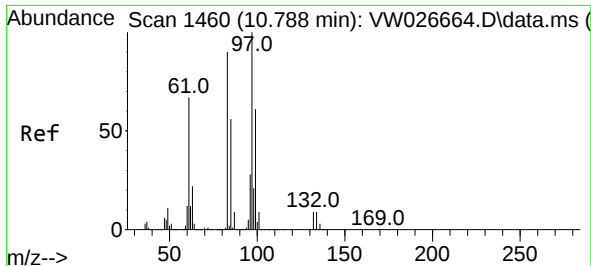
Tgt Ion: 75 Resp: 300867

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.6



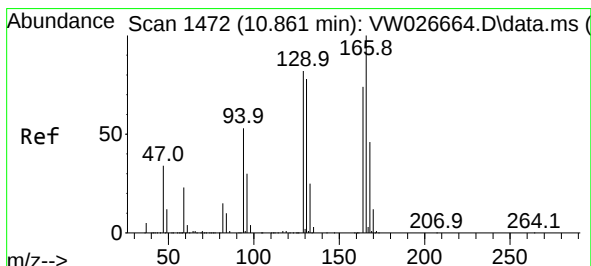
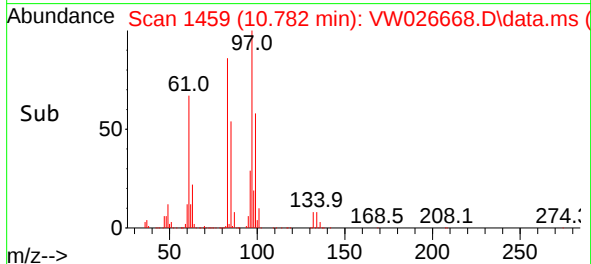
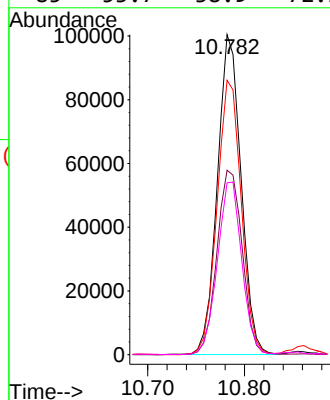
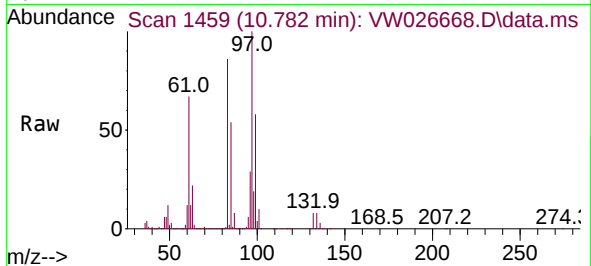


#45
1,1,2-Trichloroethane
Concen: 25.264 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

Tgt Ion: 97 Resp: 170976

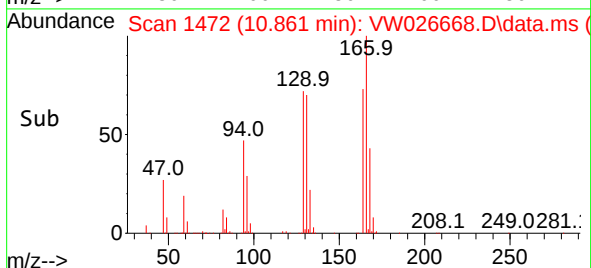
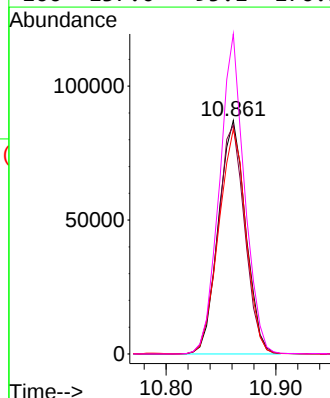
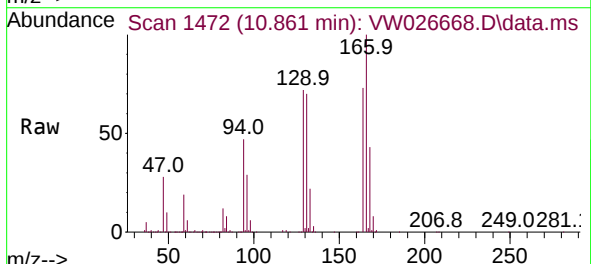
Ion	Ratio	Lower	Upper
97	100		
99	57.7	40.5	75.3
83	85.7	61.0	113.2
85	53.7	38.9	72.3

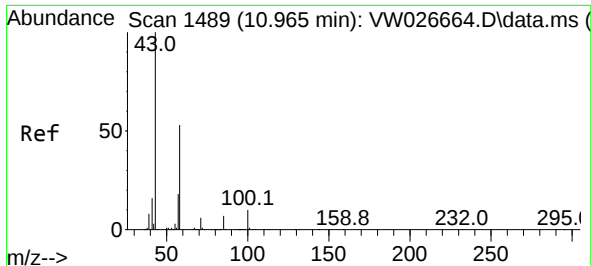


#46
Tetrachloroethene
Concen: 22.530 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 164 Resp: 150016

Ion	Ratio	Lower	Upper
164	100		
129	98.0	75.5	140.1
131	96.3	74.8	138.8
166	137.0	95.1	176.5



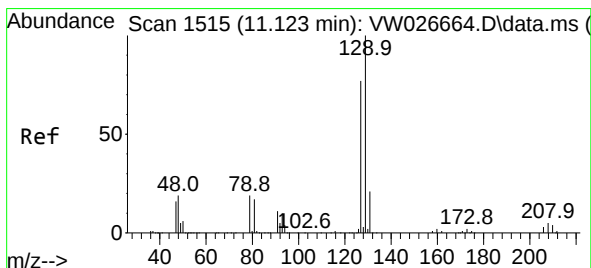
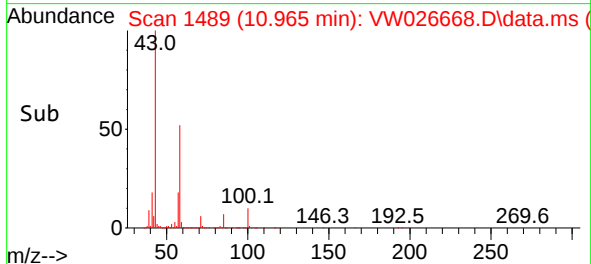
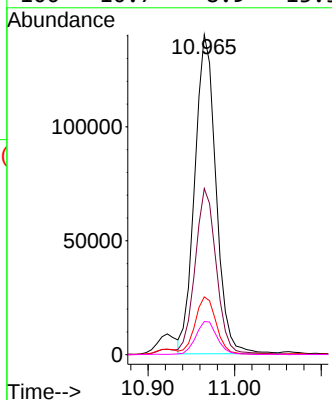
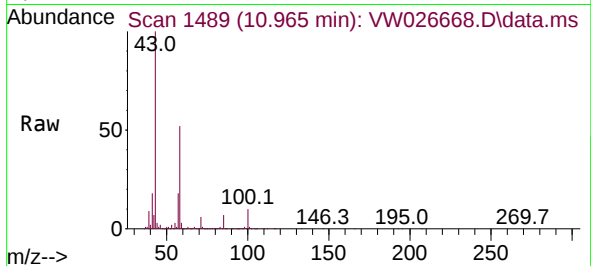


#48
2-Hexanone
Concen: 46.794 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

Tgt Ion: 43 Resp: 239007

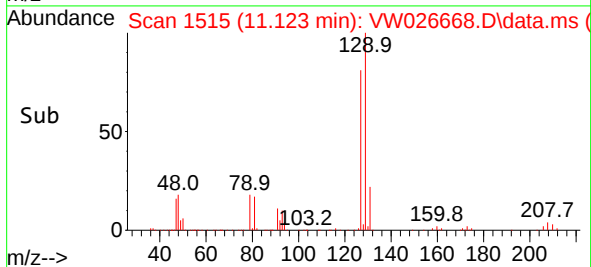
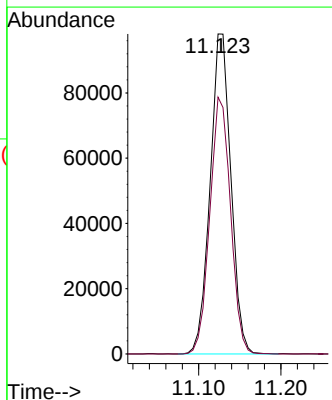
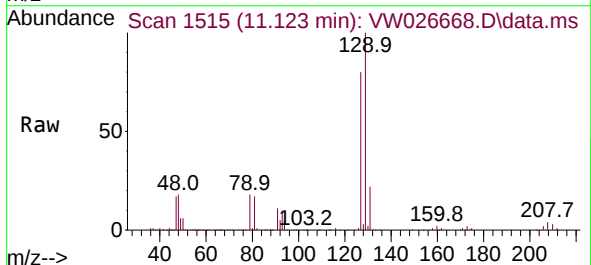
Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.1	63.1
57	17.6	14.8	22.2
100	10.7	8.9	13.3

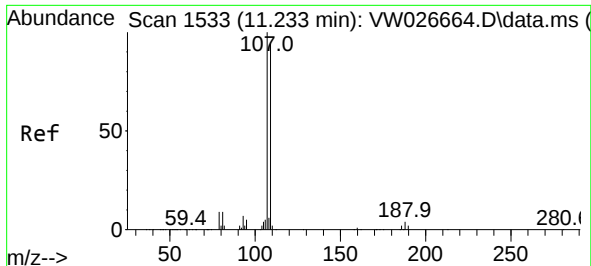


#49
Dibromochloromethane
Concen: 25.739 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion: 129 Resp: 172482

Ion	Ratio	Lower	Upper
129	100		
127	80.3	51.2	95.2

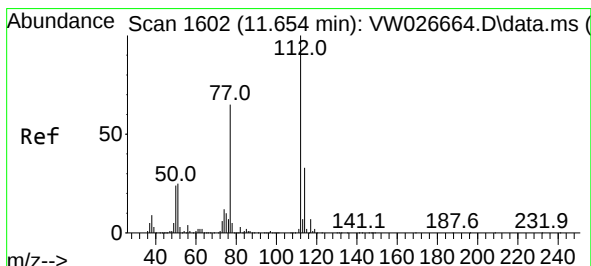
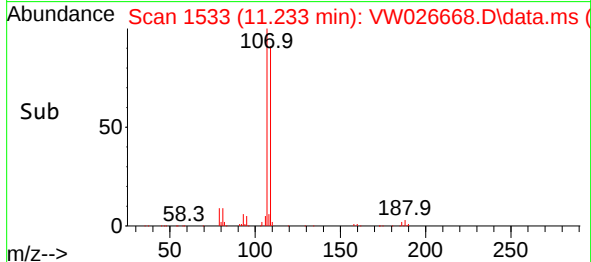
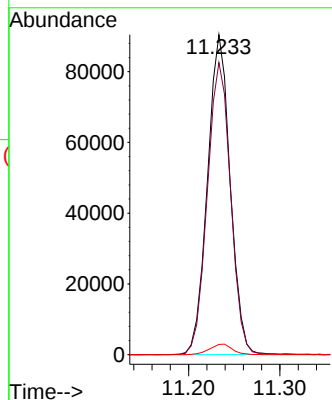
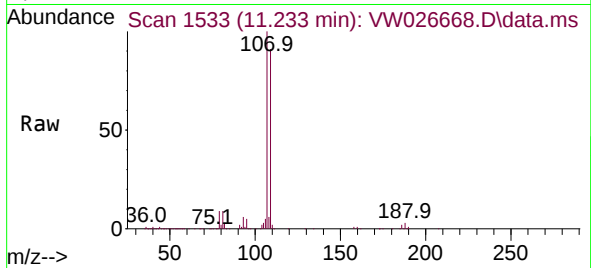




#50
1,2-Dibromoethane
Concen: 24.376 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

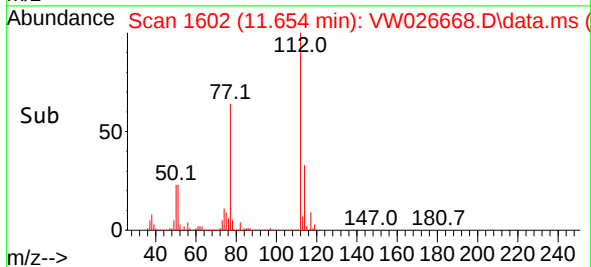
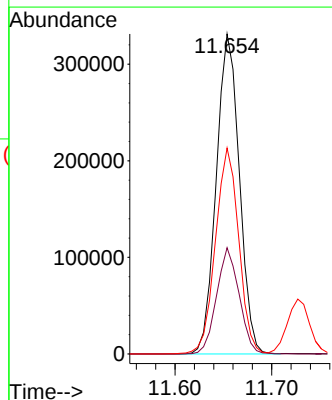
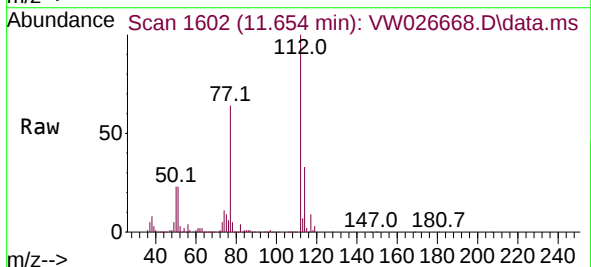
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

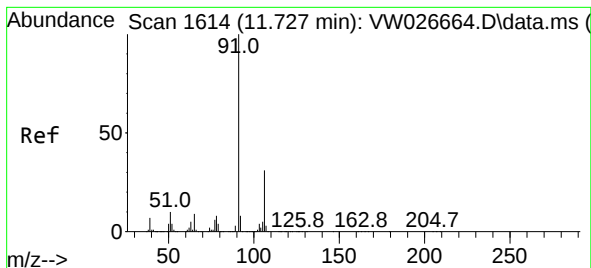
Tgt Ion:107 Resp: 155507
Ion Ratio Lower Upper
107 100
109 91.3 62.9 116.7
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 24.297 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion:112 Resp: 549324
Ion Ratio Lower Upper
112 100
114 33.2 21.6 40.2
77 64.4 50.3 75.5

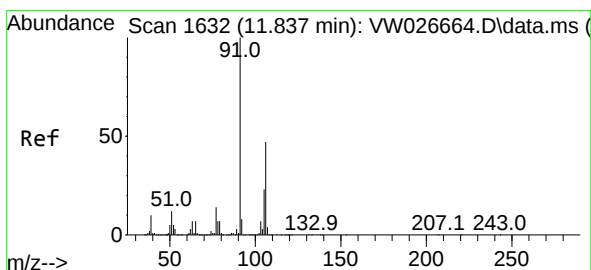
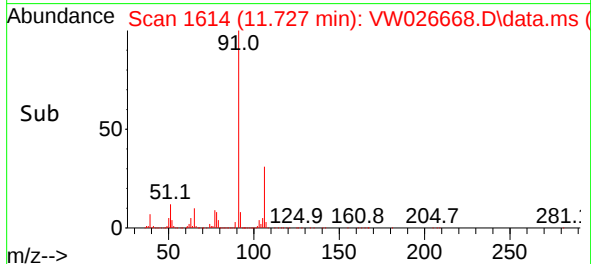
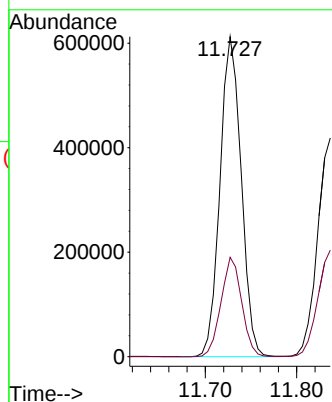
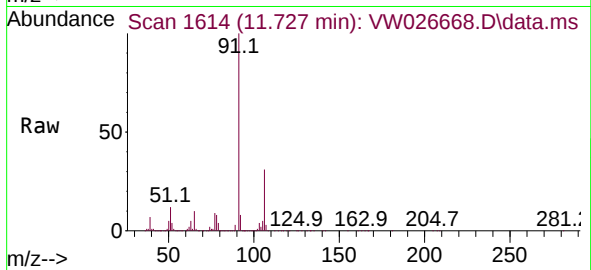




#52
Ethylbenzene
Concen: 24.071 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

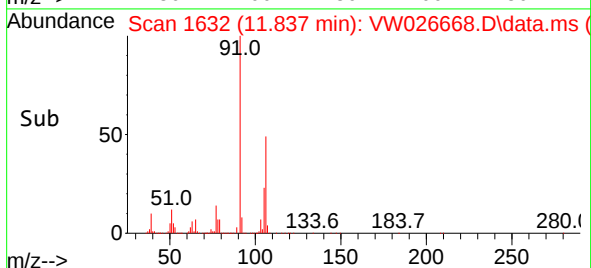
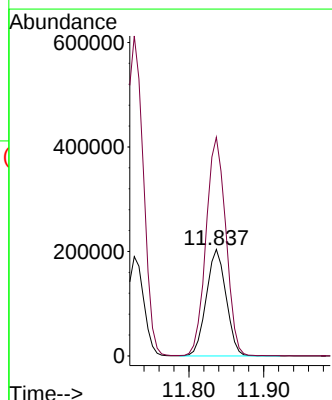
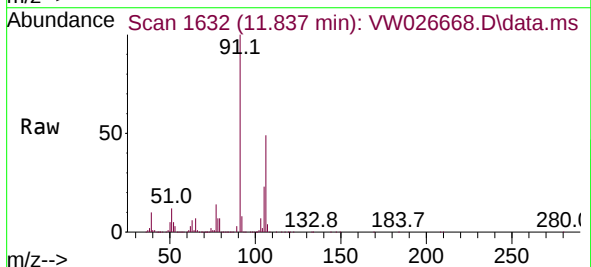
Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

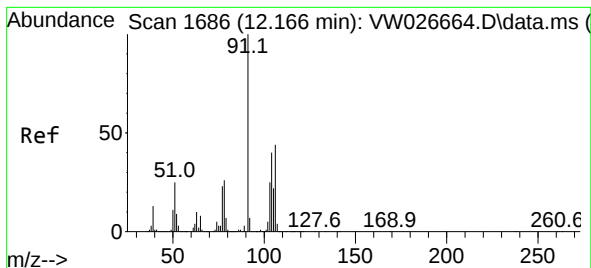
Tgt Ion: 91 Resp: 988140
Ion Ratio Lower Upper
91 100
106 31.0 20.8 38.6



#53
m,p-Xylene
Concen: 25.111 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026668.D
Acq: 28 Jul 2023 14:43

Tgt Ion:106 Resp: 375032
Ion Ratio Lower Upper
106 100
91 205.4 150.3 279.1





#54

o-Xylene

Concen: 25.505 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

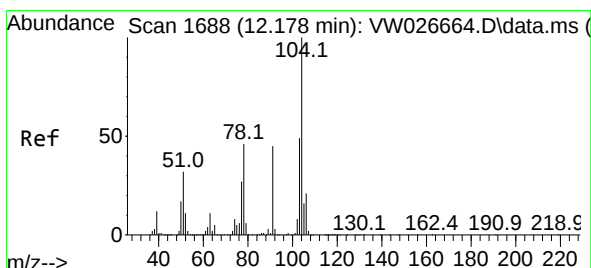
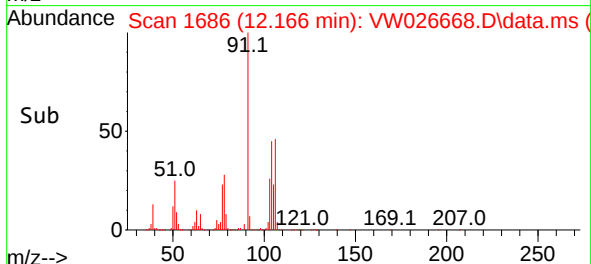
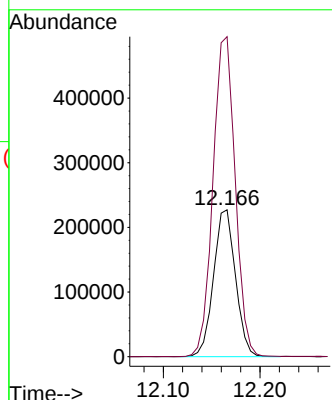
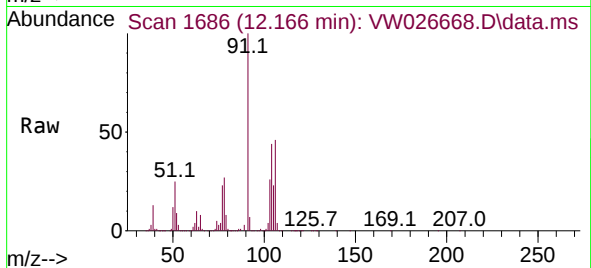
VSTD025572

Tgt Ion:106 Resp: 357535

Ion Ratio Lower Upper

106 100

91 217.8 154.3 286.5



#55

Styrene

Concen: 27.294 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026668.D

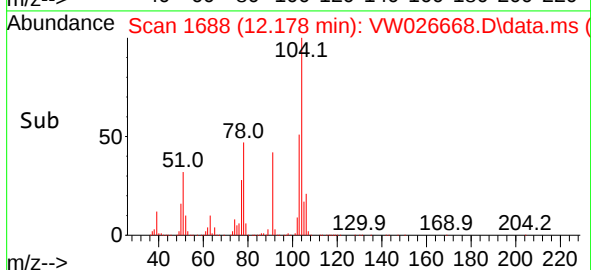
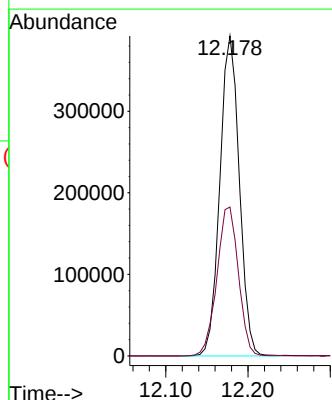
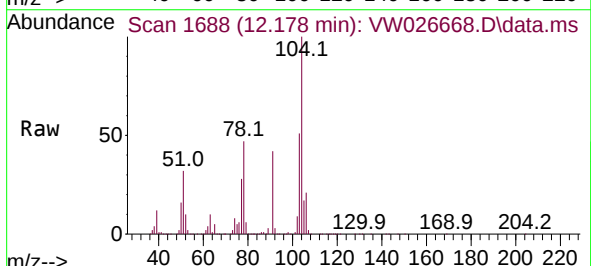
Acq: 28 Jul 2023 14:43

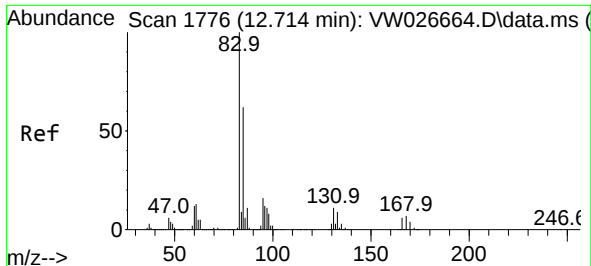
Tgt Ion:104 Resp: 645363

Ion Ratio Lower Upper

104 100

78 46.6 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.531 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

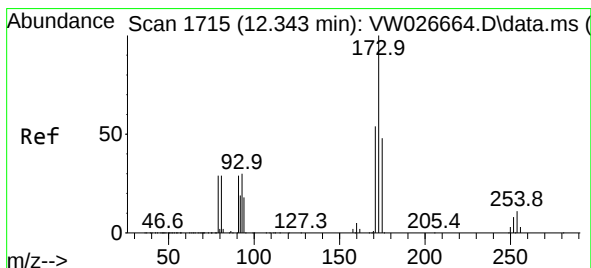
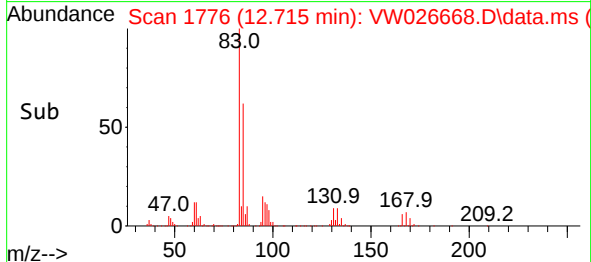
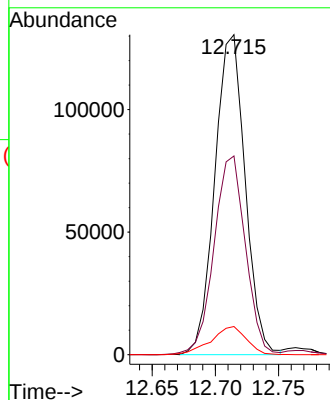
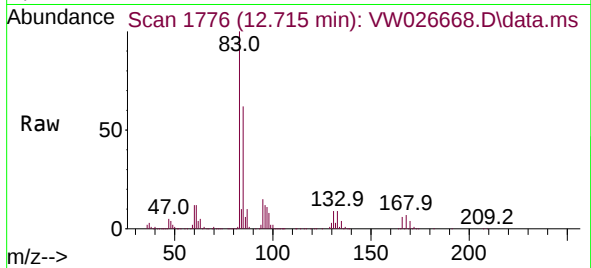
Tgt Ion: 83 Resp: 217871

Ion Ratio Lower Upper

83 100

85 62.1 46.2 85.8

131 8.8 7.2 10.8



#59

Bromoform

Concen: 23.646 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

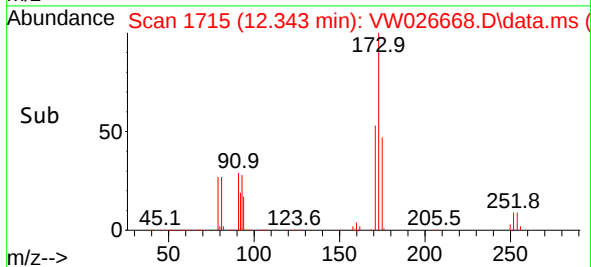
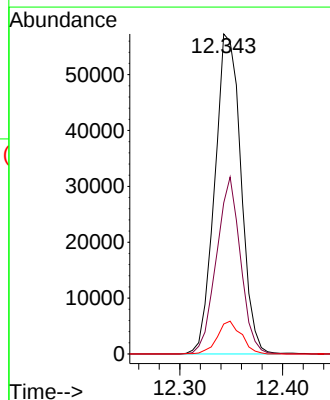
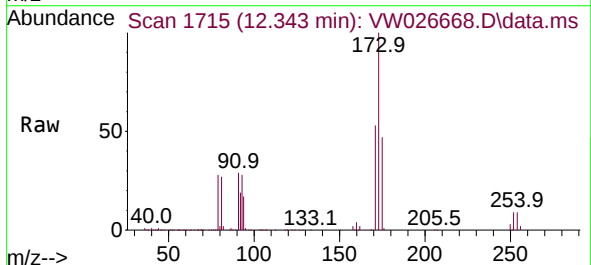
Tgt Ion: 173 Resp: 101186

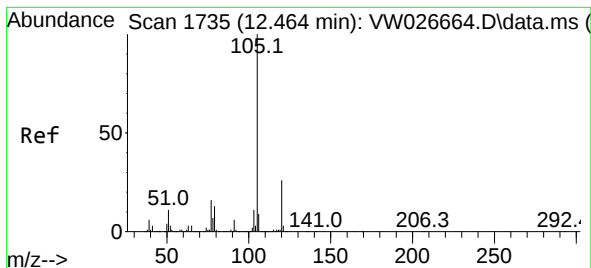
Ion Ratio Lower Upper

173 100

175 50.9 36.6 54.8

254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 22.943 ug/L

RT: 12.459 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

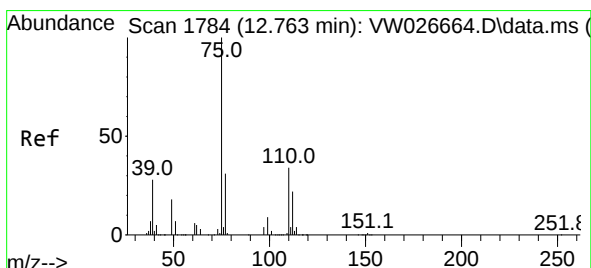
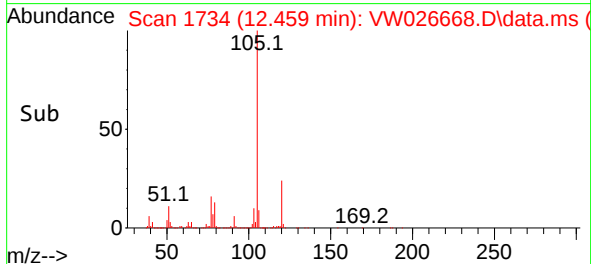
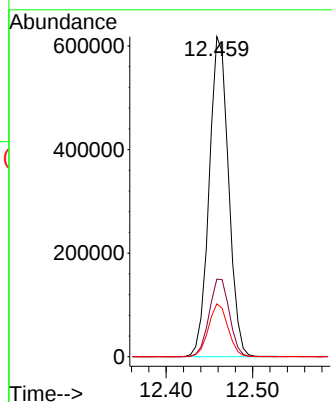
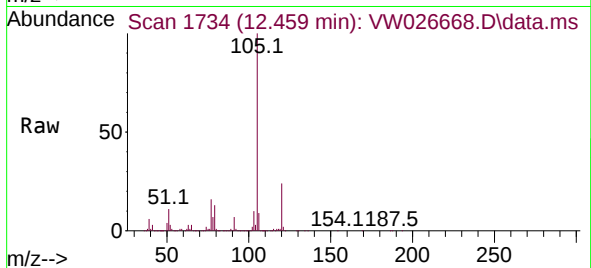
Tgt Ion:105 Resp: 960390

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.933 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

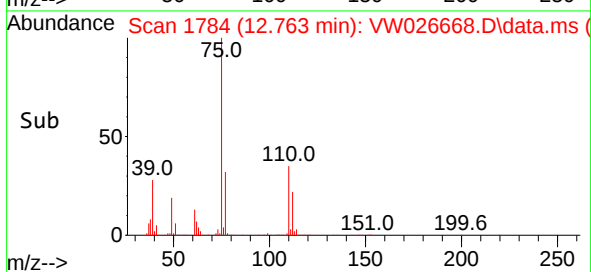
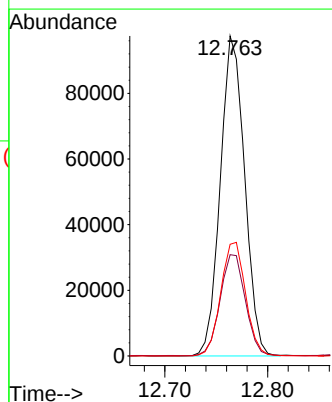
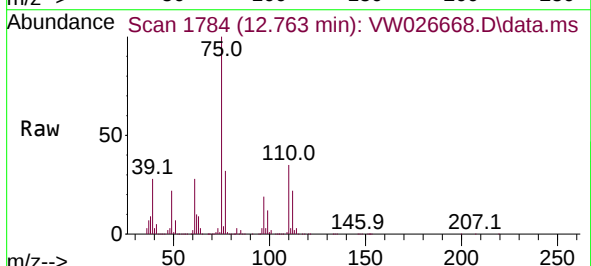
Tgt Ion: 75 Resp: 160284

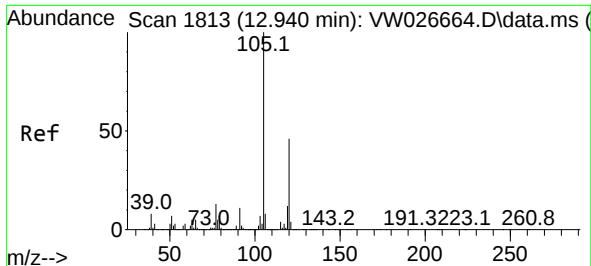
Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

110 36.3 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 24.356 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

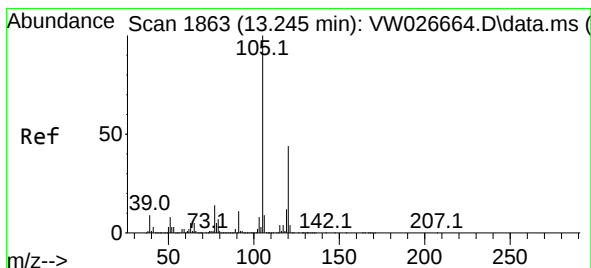
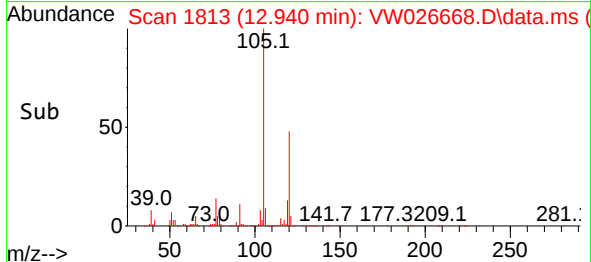
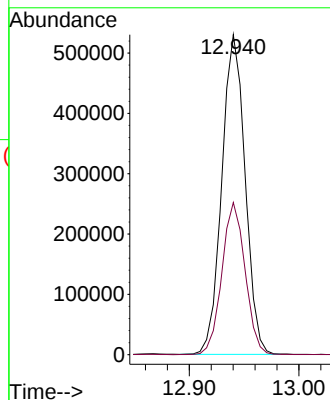
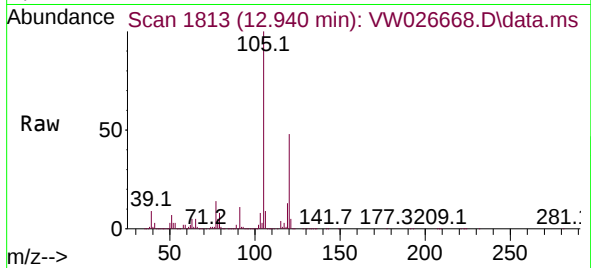
VSTD025572

Tgt Ion:105 Resp: 782013

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 24.279 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026668.D

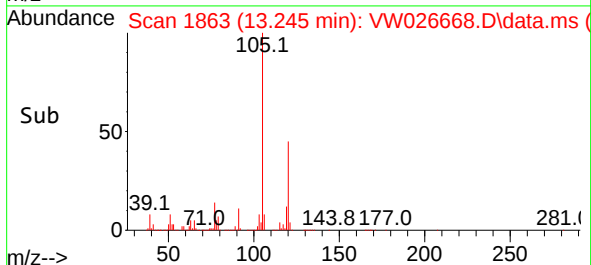
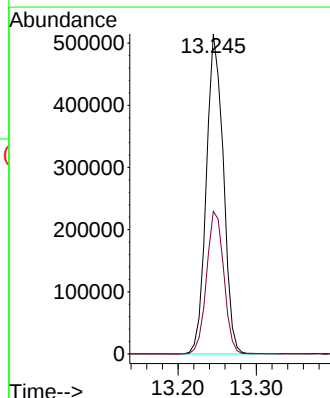
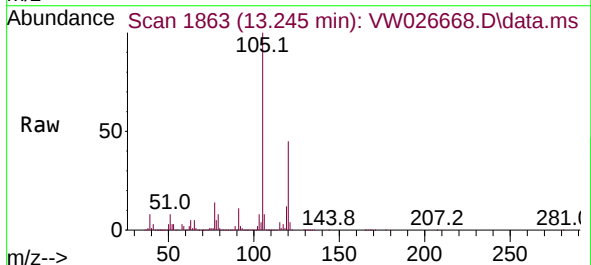
Acq: 28 Jul 2023 14:43

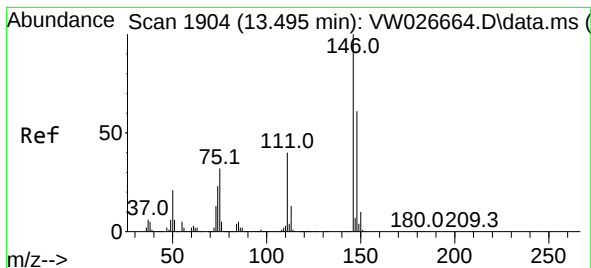
Tgt Ion:105 Resp: 772868

Ion Ratio Lower Upper

105 100

120 45.3 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 23.871 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

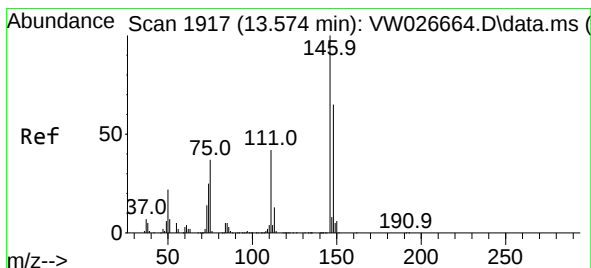
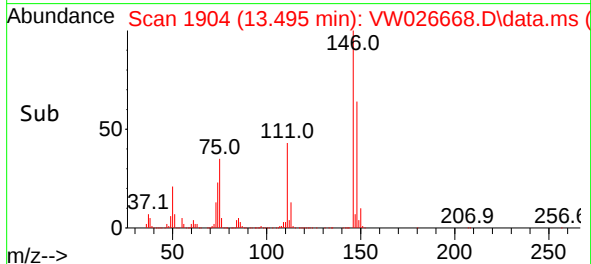
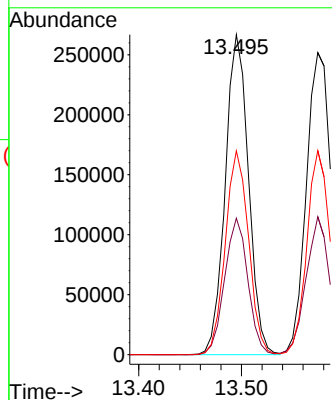
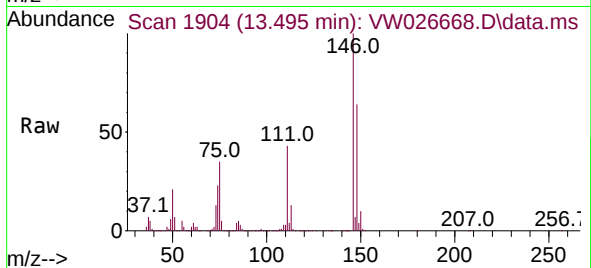
Tgt Ion:146 Resp: 419299

Ion Ratio Lower Upper

146 100

111 42.7 30.4 56.4

148 63.7 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 24.128 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

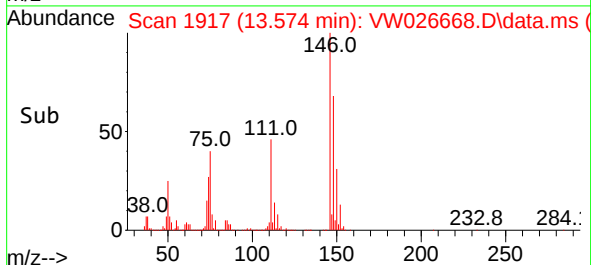
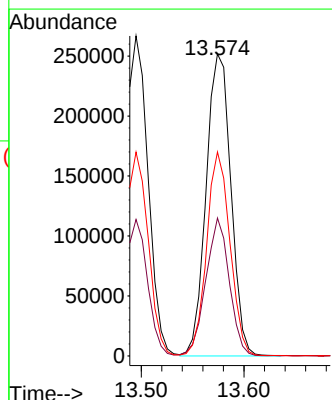
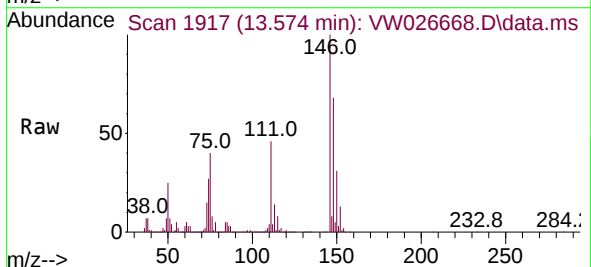
Tgt Ion:146 Resp: 422685

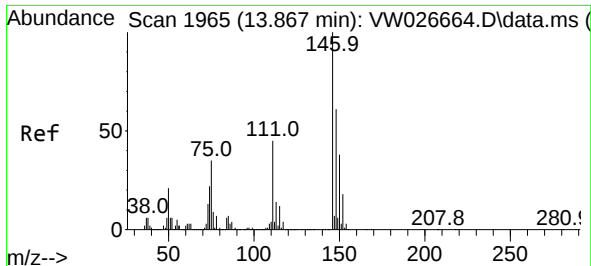
Ion Ratio Lower Upper

146 100

111 45.7 29.7 55.1

148 67.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 24.107 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

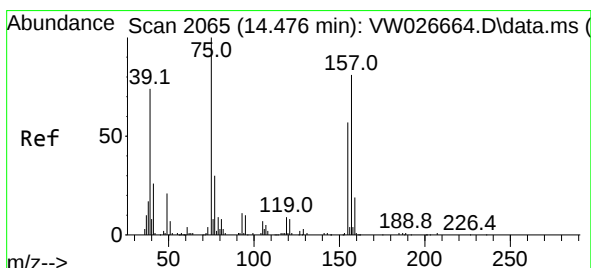
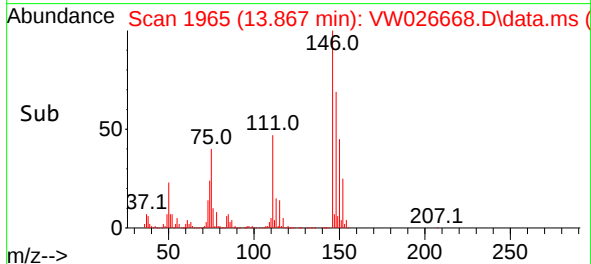
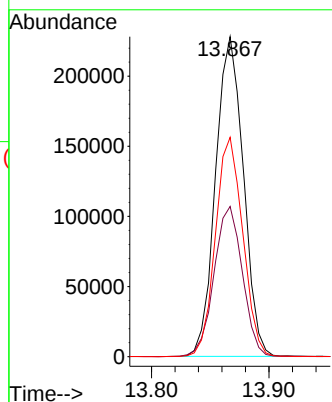
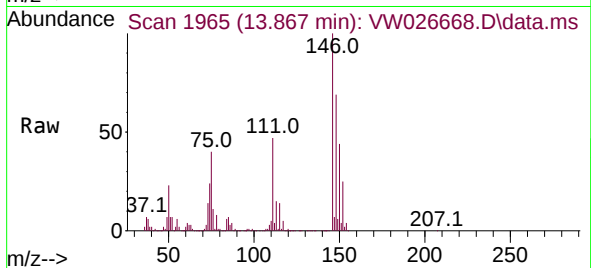
Tgt Ion:146 Resp: 374757

Ion Ratio Lower Upper

146 100

111 47.0 31.8 47.8

148 68.5 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 20.659 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

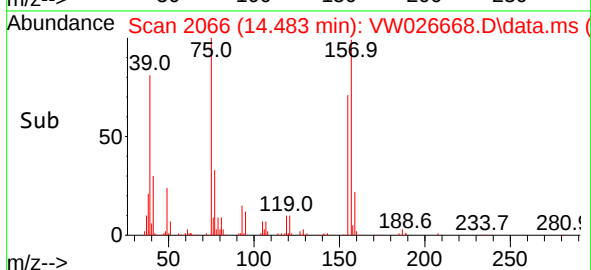
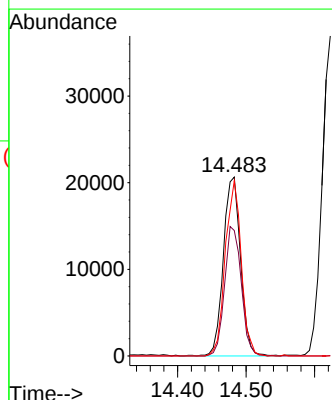
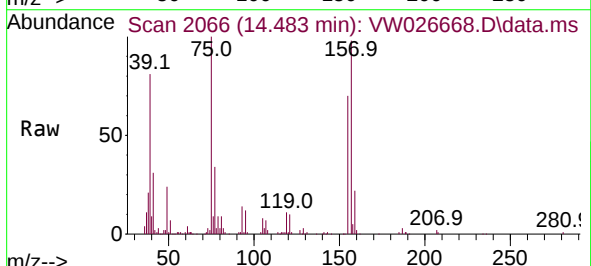
Tgt Ion: 75 Resp: 35933

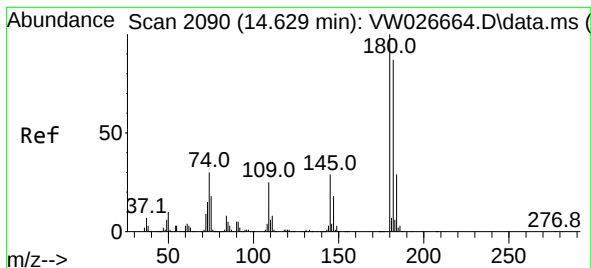
Ion Ratio Lower Upper

75 100

155 70.2 49.1 73.7

157 97.9 60.6 90.8#





#69

1,3,5-Trichlorobenzene

Concen: 23.883 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

Tgt Ion:180 Resp: 277622

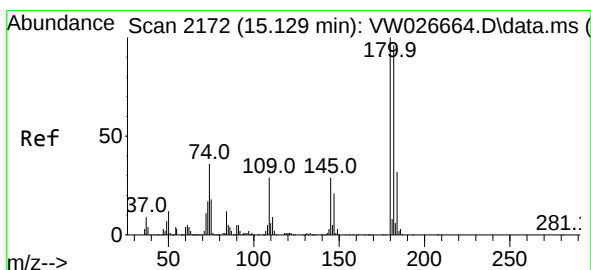
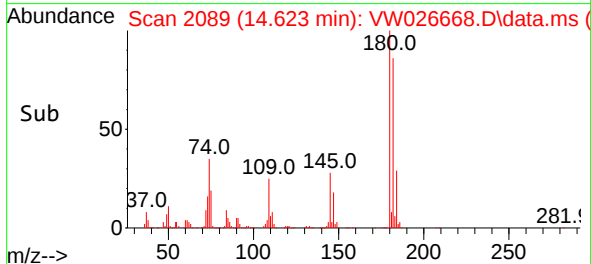
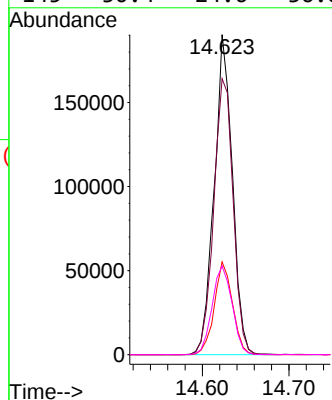
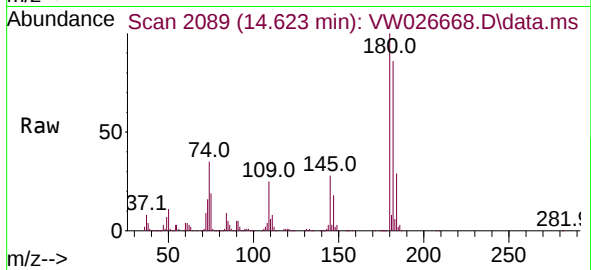
Ion Ratio Lower Upper

180 100

182 91.8 75.8 113.6

184 29.0 23.7 35.5

145 30.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 23.080 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

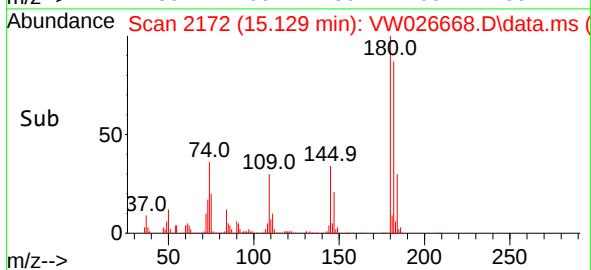
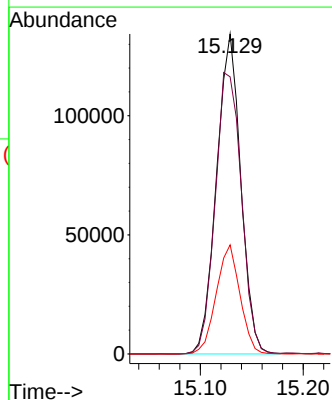
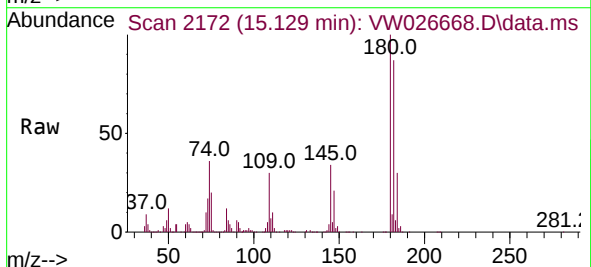
Tgt Ion:180 Resp: 220159

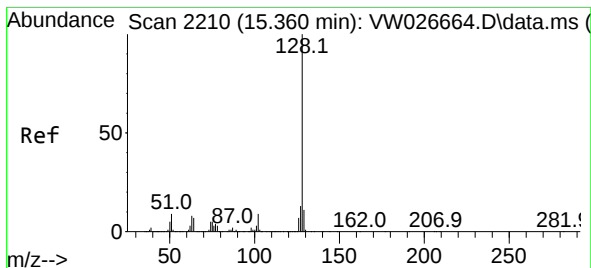
Ion Ratio Lower Upper

180 100

182 95.1 73.5 110.3

145 33.4 25.0 37.6





#71

Naphthalene

Concen: 24.493 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025572

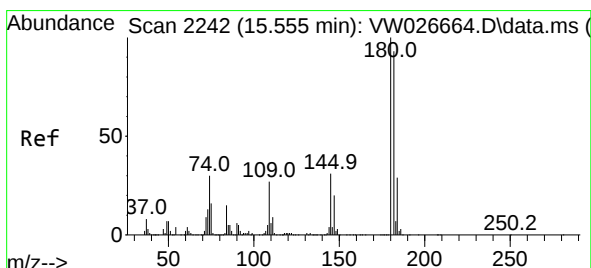
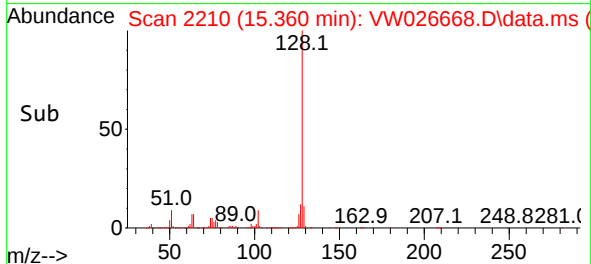
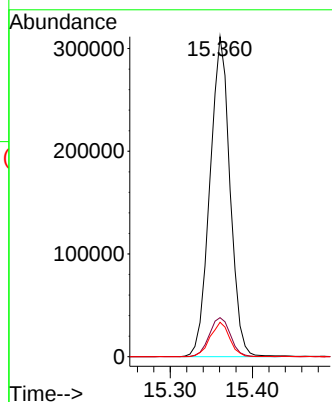
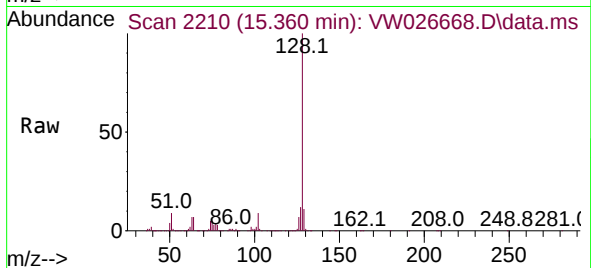
Tgt Ion:128 Resp: 529095

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.244 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.006 min

Lab File: VW026668.D

Acq: 28 Jul 2023 14:43

Tgt Ion:180 Resp: 217713

Ion Ratio Lower Upper

180 100

182 95.2 75.2 112.8

145 34.7 26.6 40.0

