

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072423\
 Data File : VW026651.D
 Acq On : 24 Jul 2023 16:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Jul 25 01:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 25 01:52:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	596531	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	556021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	169486	16.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.360%
7) Chloroethane-d5	2.893	69	140202	19.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
11) 1,1-Dichloroethene-d2	4.027	65	82570	17.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.880%
21) 2-Butanone-d5	7.081	46	140133	43.092	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.180%
24) Chloroform-d	7.642	84	419686	24.437	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	8.307	65	235846	24.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.360%
32) Benzene-d6	8.270	84	813845	21.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.280%
36) 1,2-Dichloropropane-d6	9.270	67	265081	22.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.319	98	708453	21.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.560%
43) trans-1,3-Dichloroprop...	10.575	79	99640	21.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.922	63	99644	43.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	227622	22.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	229824	21.088	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104182	15.482	ug/L	96
3) Chloromethane	2.222	50	206748	21.504	ug/L	97
5) Vinyl chloride	2.375	62	210446	20.769	ug/L	99
6) Bromomethane	2.789	94	124234	23.064	ug/L	98
8) Chloroethane	2.930	64	131516	23.212	ug/L	97
9) Trichlorofluoromethane	3.259	101	139046	18.527	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	193795	23.267	ug/L	98
12) 1,1-Dichloroethene	4.045	96	179471	22.458	ug/L	87
13) Acetone	4.137	43	79223	33.867	ug/L	97
14) Carbon disulfide	4.393	76	597414	21.326	ug/L	99
15) Methyl Acetate	4.667	43	120532	21.447	ug/L	99
16) Methylene chloride	4.923	84	227643	21.601	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	206326	24.147	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	325207	24.319	ug/L	99
19) 1,1-Dichloroethane	6.216	63	444126	25.998	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	223243	25.231	ug/L	86
22) 2-Butanone	7.179	43	149989	42.106	ug/L	99
23) Bromochloromethane	7.514	128	99931	26.367	ug/L	97
25) Chloroform	7.673	83	419979	26.832	ug/L	99

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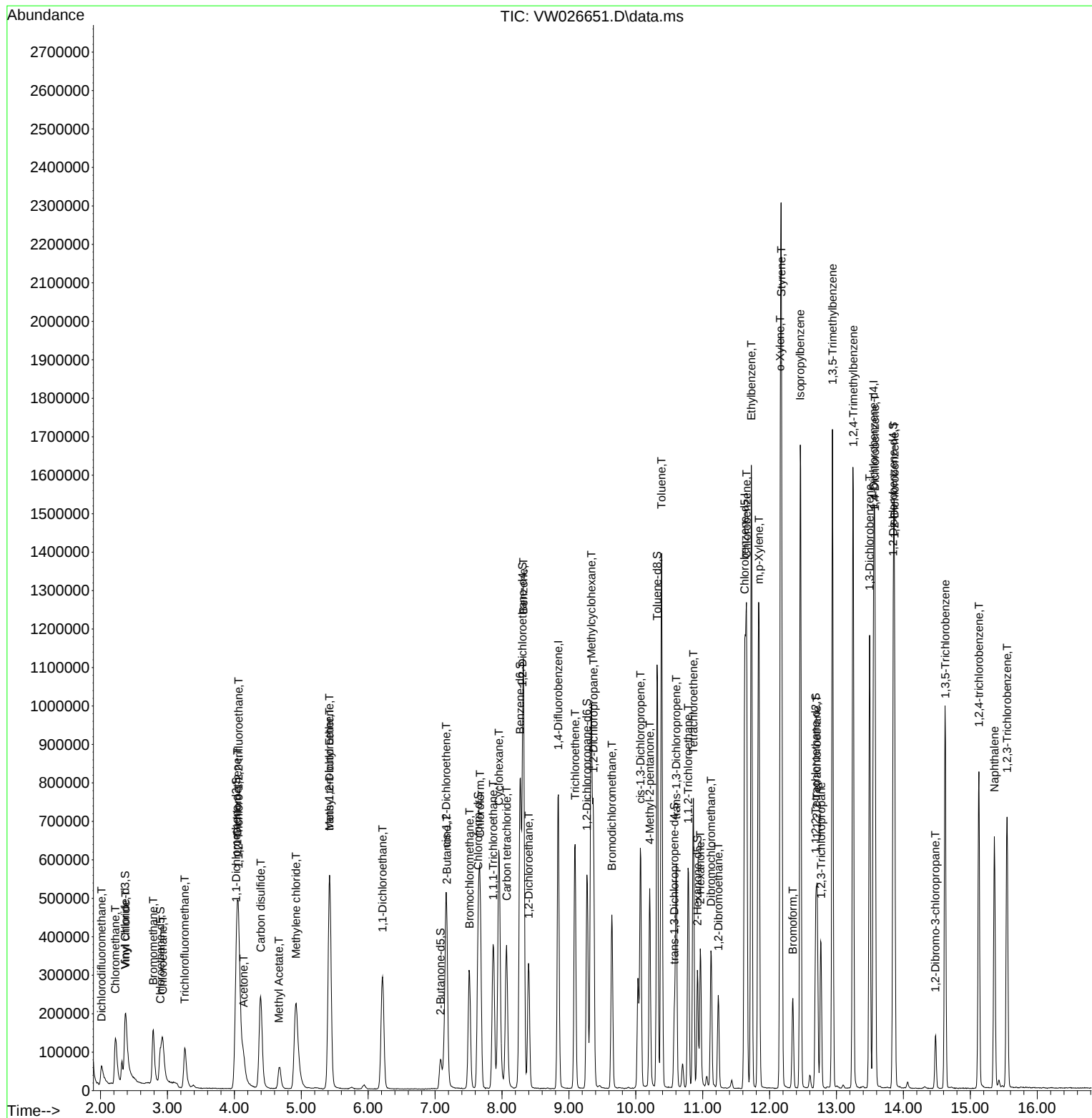
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	297326	26.984	ug/L	99
29) Cyclohexane	7.953	56	365863	21.134	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	314269	23.060	ug/L	99
31) Carbon tetrachloride	8.069	117	282371	22.826	ug/L	99
33) Benzene	8.319	78	933261	24.360	ug/L	100
34) Trichloroethene	9.093	95	229894	23.361	ug/L	98
35) Methylcyclohexane	9.337	83	384277	21.747	ug/L	100
37) 1,2-Dichloropropane	9.367	63	261007	25.654	ug/L	99
38) Bromodichloromethane	9.642	83	299901	25.945	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	359314	24.530	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	343746	44.764	ug/L	99
42) Toluene	10.386	91	960607	24.829	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	308165	24.945	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	178164	25.090	ug/L	98
46) Tetrachloroethene	10.861	164	161878	23.170	ug/L	92
48) 2-Hexanone	10.965	43	235334	43.913	ug/L	99
49) Dibromochloromethane	11.123	129	185095	26.325	ug/L	96
50) 1,2-Dibromoethane	11.233	107	159591	23.843	ug/L	92
51) Chlorobenzene	11.654	112	593039	25.000	ug/L	97
52) Ethylbenzene	11.727	91	1076564	24.994	ug/L	98
53) m,p-Xylene	11.843	106	393737	25.126	ug/L	93
54) o-Xylene	12.160	106	373605	25.401	ug/L	93
55) Styrene	12.178	104	678885	27.364	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	225727	24.222	ug/L	95
59) Bromoform	12.349	173	103036	21.947	ug/L	97
60) Isopropylbenzene	12.458	105	1014478	22.089	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	164856	20.562	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	835998	23.732	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	844348	24.176	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	443035	22.989	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	455184	23.683	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	394421	23.125	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	37132	19.458	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	281505	22.073	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	242869	23.206	ug/L	97
71) Naphthalene	15.360	128	518186	21.864	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	232013	23.549	ug/L	98

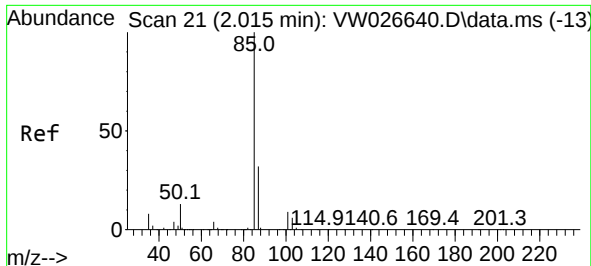
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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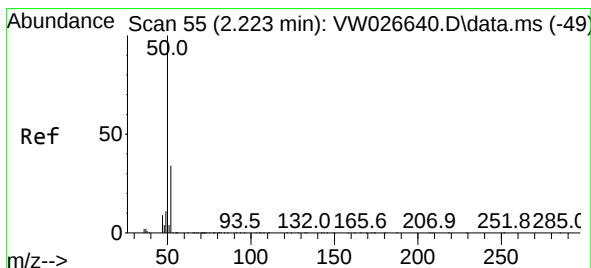
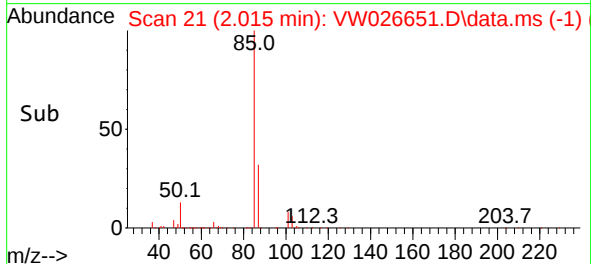
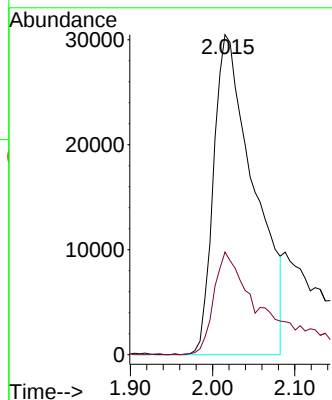
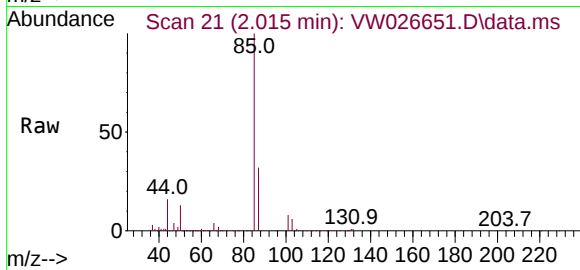




#2
Dichlorodifluoromethane
Concen: 15.482 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

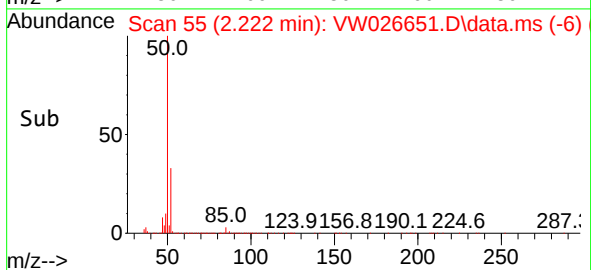
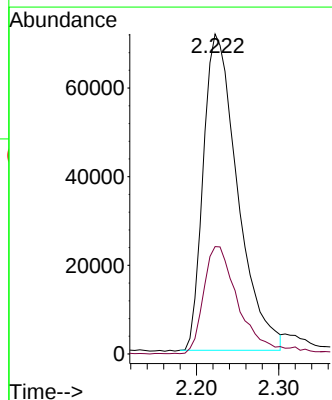
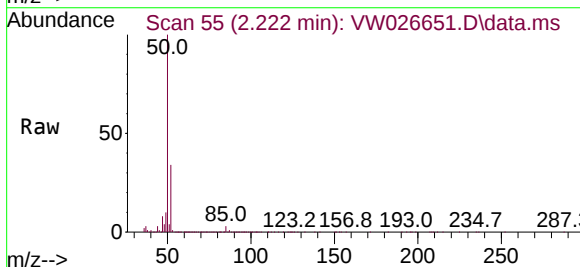
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MSVOA_W
ClientSampleId :
VSTD025568

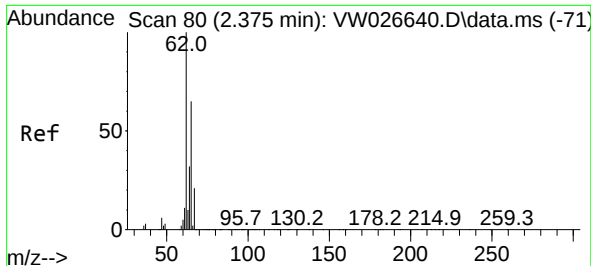
Tgt Ion: 85 Resp: 104182
Ion Ratio Lower Upper
85 100
87 24.8 21.4 32.0



#3
Chloromethane
Concen: 21.504 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 50 Resp: 206748
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.7

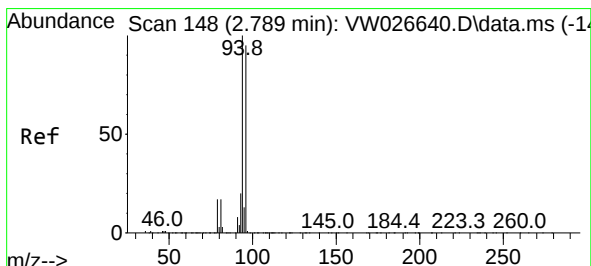
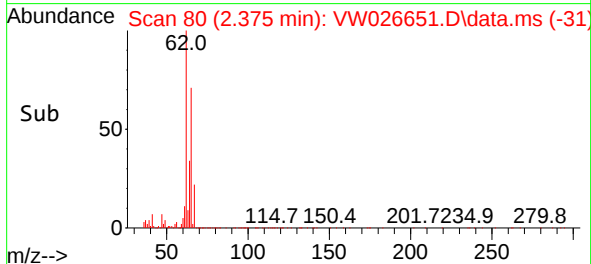
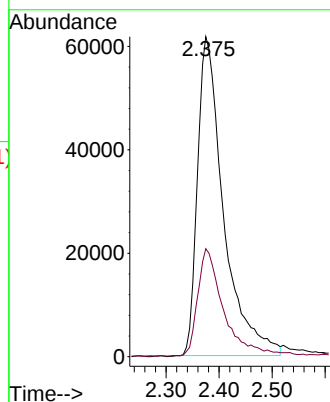
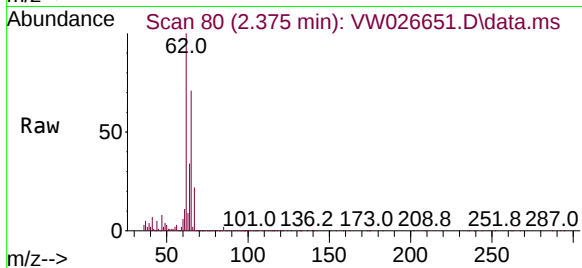




#5
 Vinyl chloride
 Concen: 20.769 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026651.D
 Acq: 24 Jul 2023 16:18

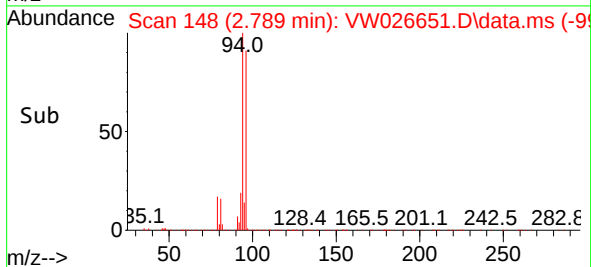
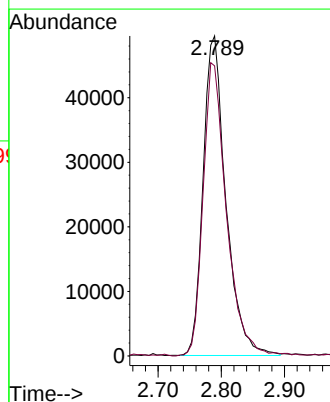
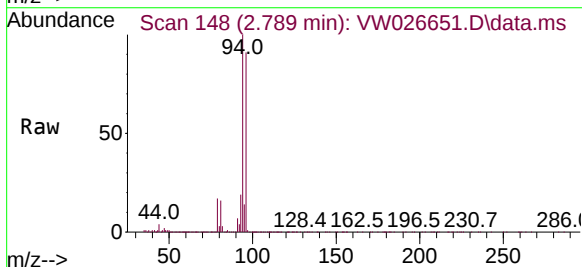
Instrument :
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 ClientSampleId :
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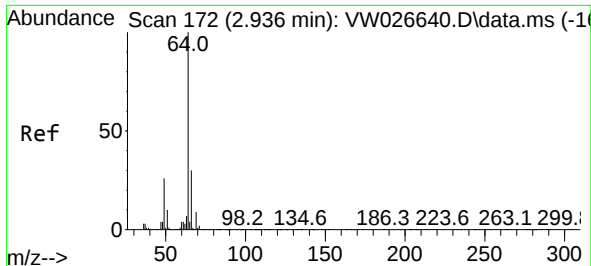
Tgt Ion: 62 Resp: 210446
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.2 45.0



#6
 Bromomethane
 Concen: 23.064 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026651.D
 Acq: 24 Jul 2023 16:18

Tgt Ion: 94 Resp: 124234
 Ion Ratio Lower Upper
 94 100
 96 90.7 64.5 119.9

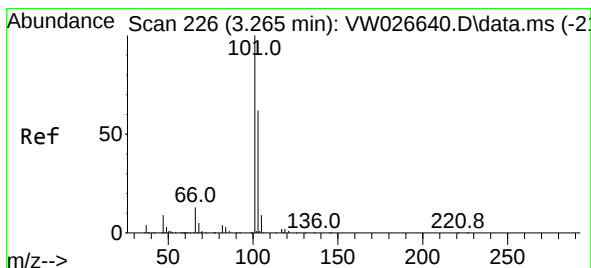
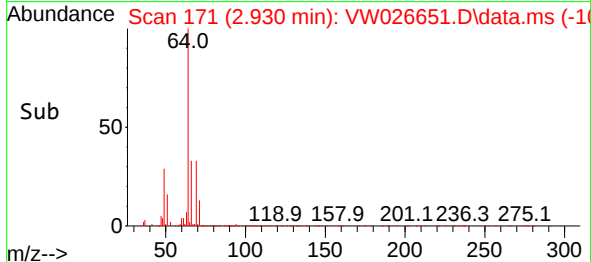
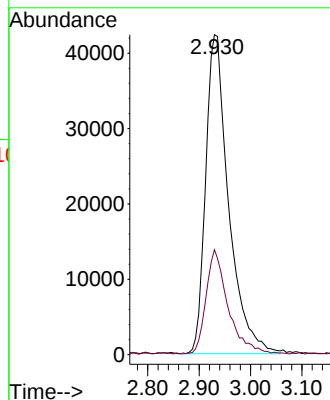
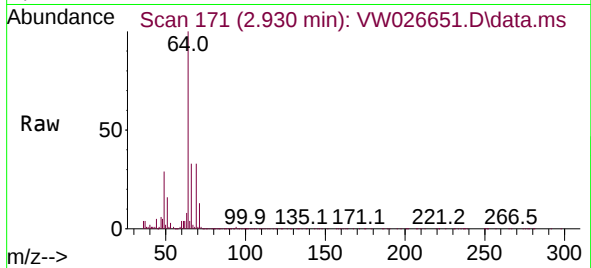




#8
Chloroethane
Concen: 23.212 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

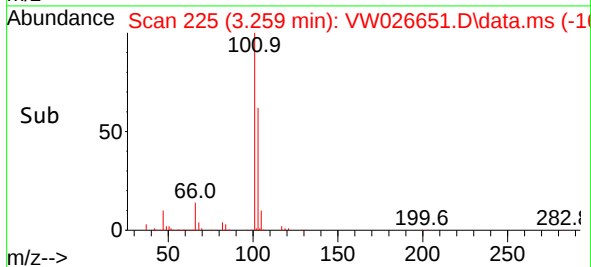
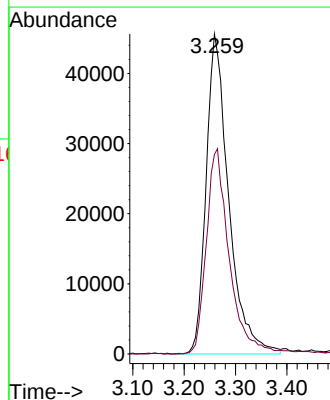
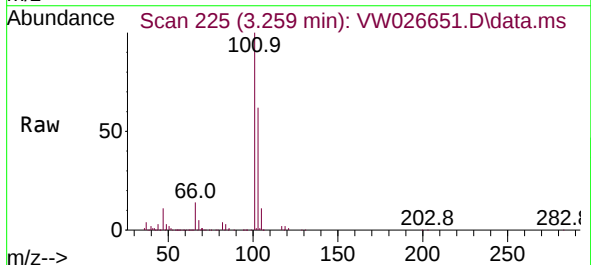
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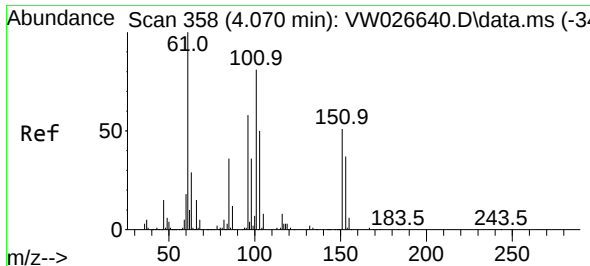
Tgt Ion: 64 Resp: 131516
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 18.527 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion:101 Resp: 139046
Ion Ratio Lower Upper
101 100
103 64.7 50.3 75.5

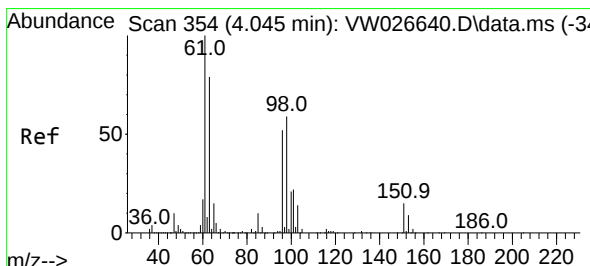
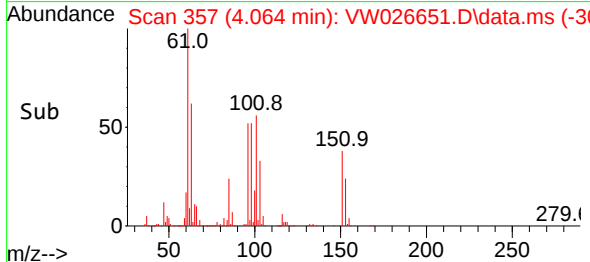
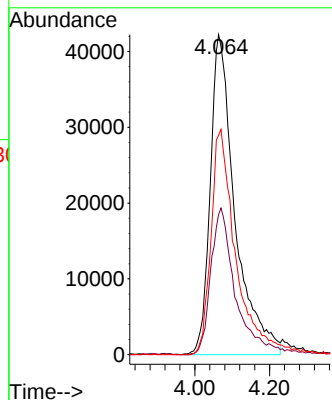
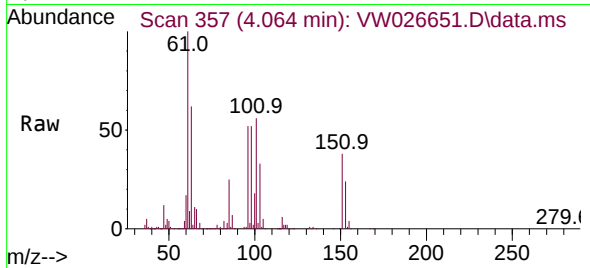




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.267 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.006 min
 Lab File: VW026651.D
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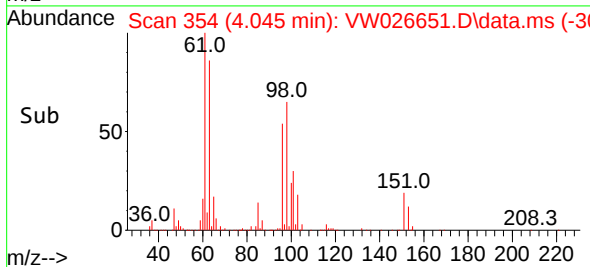
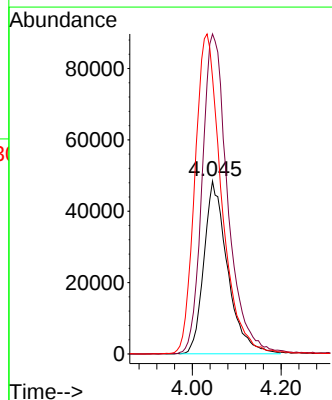
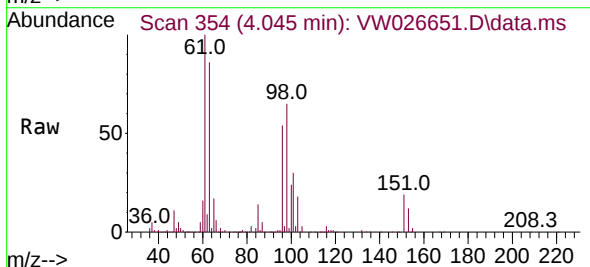
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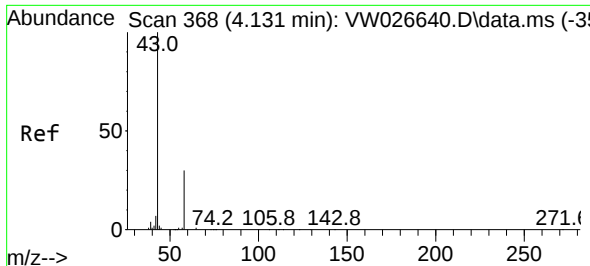
Tgt Ion:101 Resp: 193795
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.1 54.1
 151 70.0 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 22.458 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026651.D
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Tgt Ion: 96 Resp: 179471
 Ion Ratio Lower Upper
 96 100
 61 185.2 140.8 261.4
 63 160.1 127.7 237.3

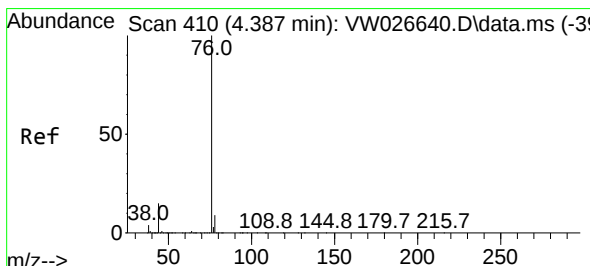
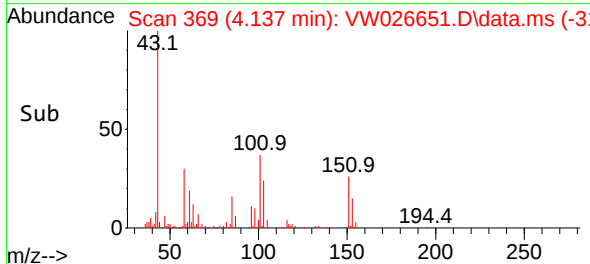
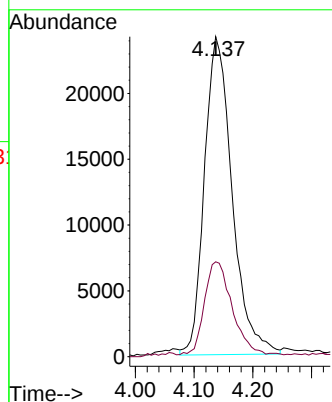
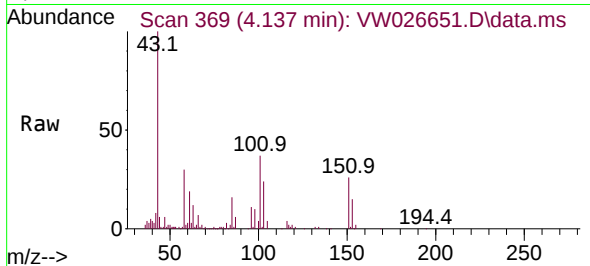




#13
Acetone
Concen: 33.867 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.006 min
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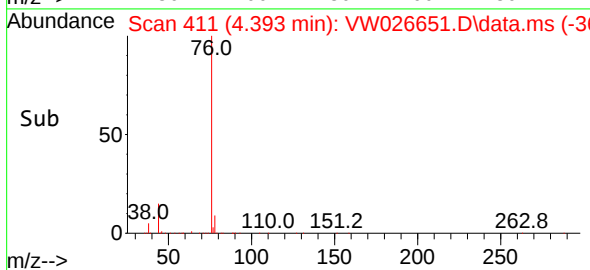
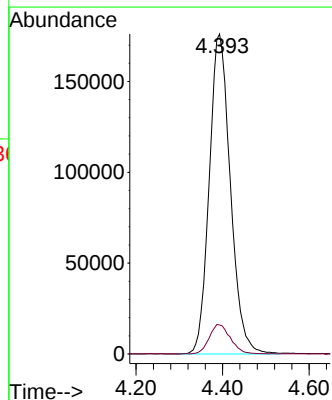
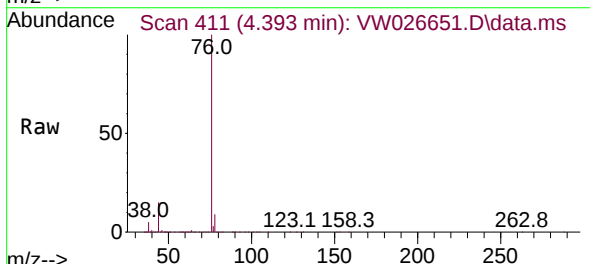
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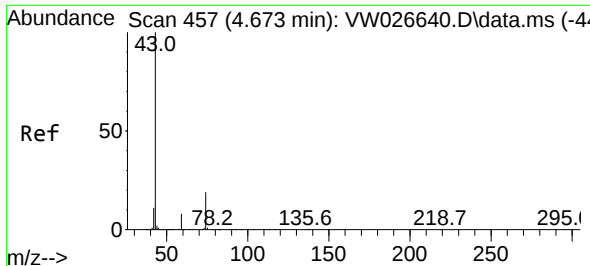
Tgt Ion: 43 Resp: 79223
Ion Ratio Lower Upper
43 100
58 30.1 0.0 63.2



#14
Carbon disulfide
Concen: 21.326 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 597414
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

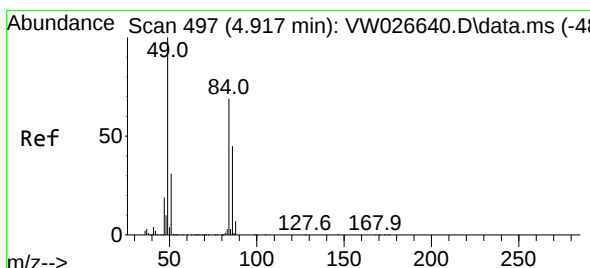
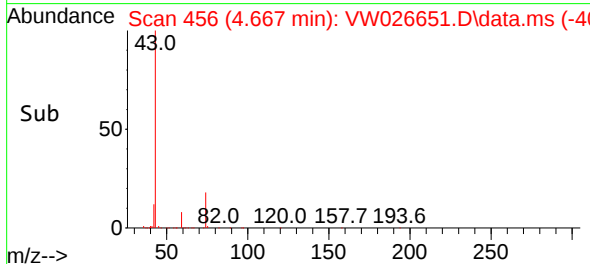
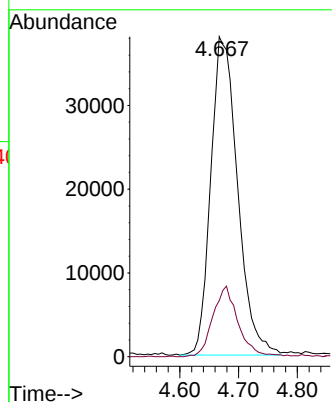
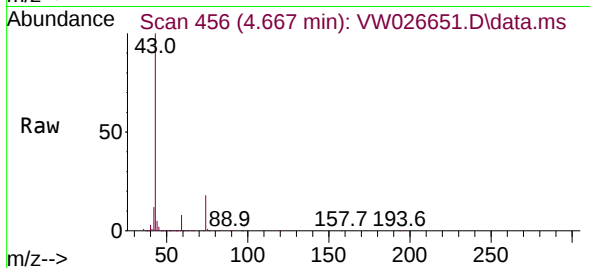




#15
Methyl Acetate
Concen: 21.447 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

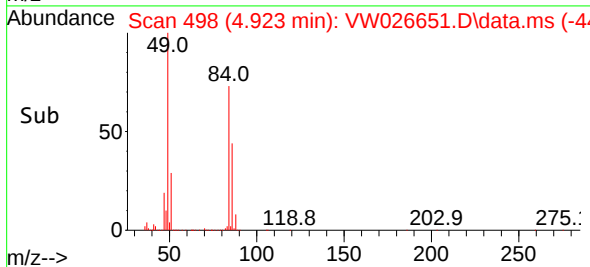
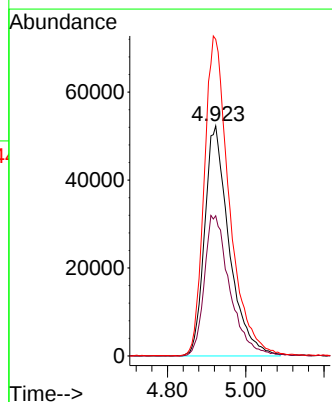
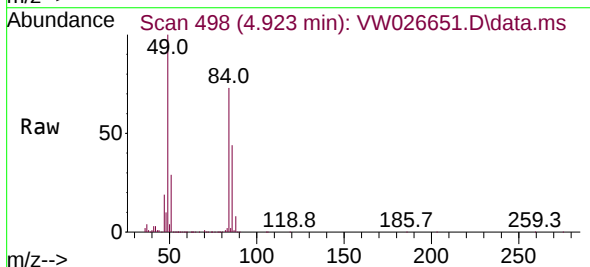
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

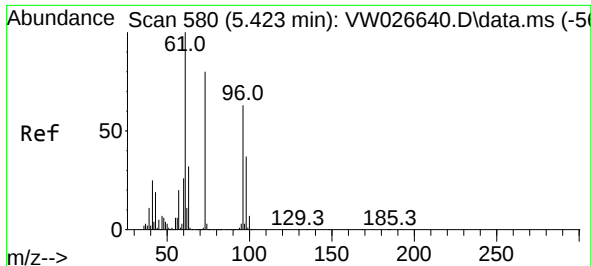
Tgt Ion: 43 Resp: 120532
Ion Ratio Lower Upper
43 100
74 21.0 16.3 24.5



#16
Methylene chloride
Concen: 21.601 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 84 Resp: 227643
Ion Ratio Lower Upper
84 100
86 60.9 43.8 81.3
49 137.7 99.2 184.2

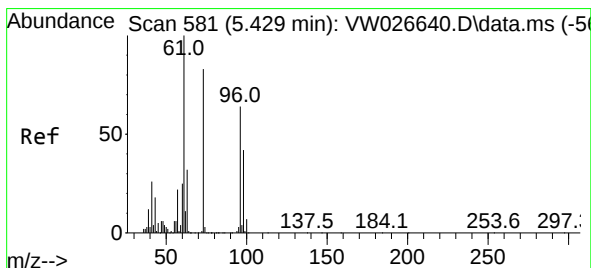
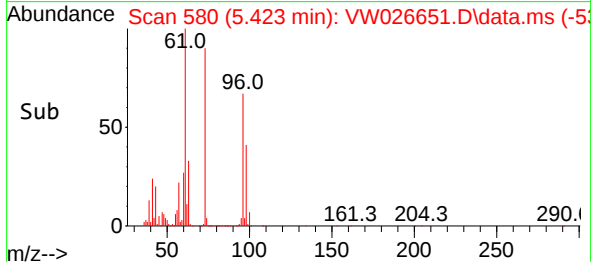
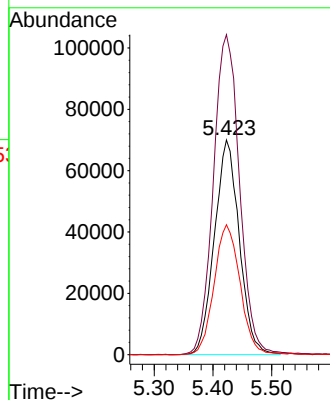
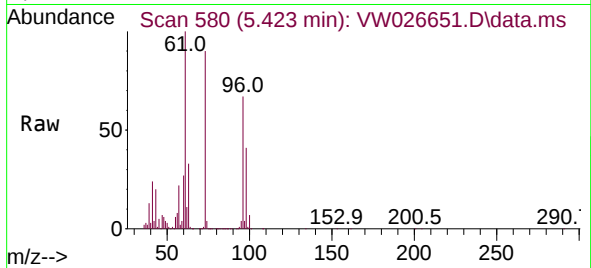




#17
trans-1,2-Dichloroethene
Concen: 24.147 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

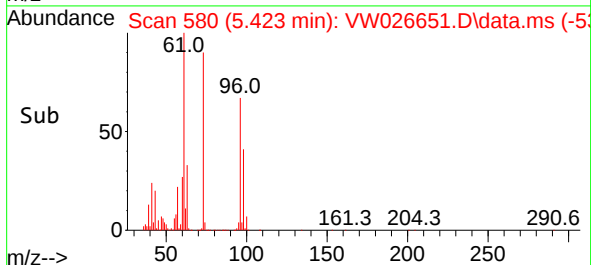
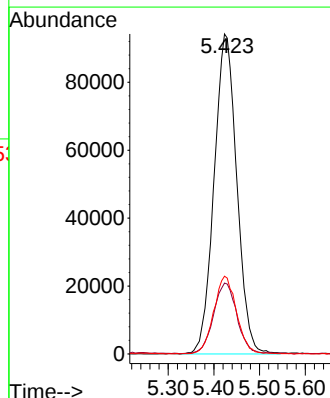
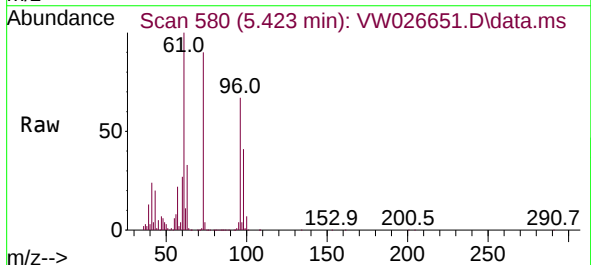
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

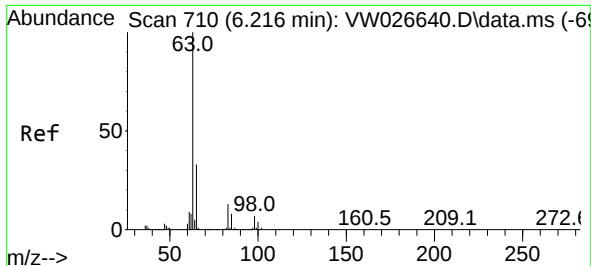
Tgt Ion: 96 Resp: 206326
Ion Ratio Lower Upper
96 100
61 149.0 108.1 200.9
98 60.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 24.319 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 73 Resp: 325207
Ion Ratio Lower Upper
73 100
43 22.4 17.4 26.2
57 24.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.998 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026651.D

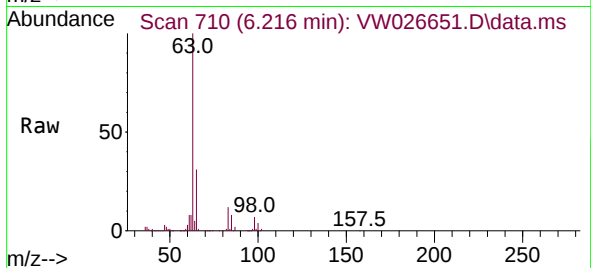
Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568



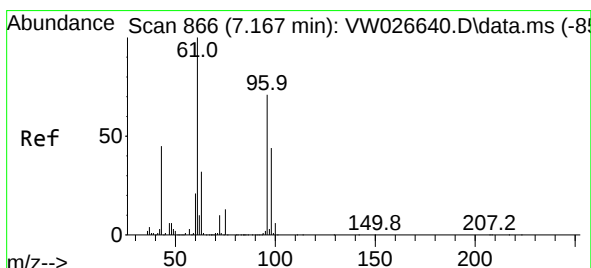
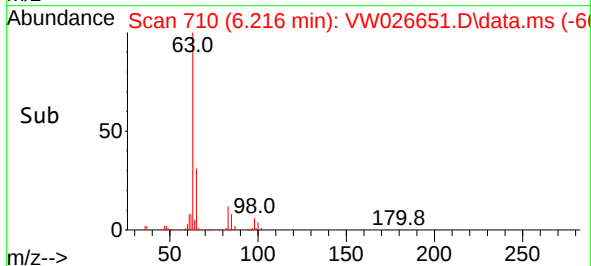
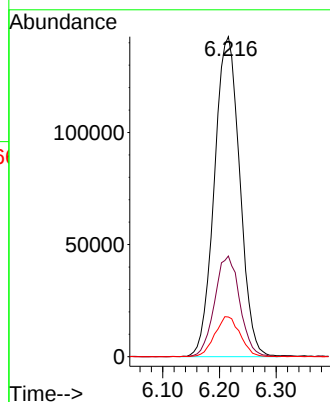
Tgt Ion: 63 Resp: 444126

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 12.4 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 25.231 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

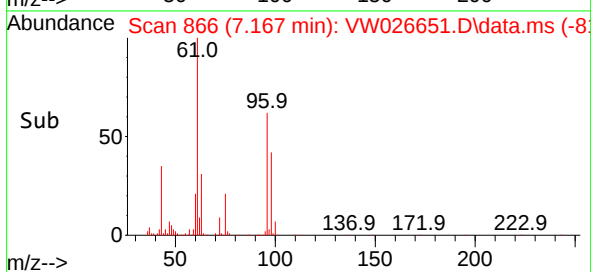
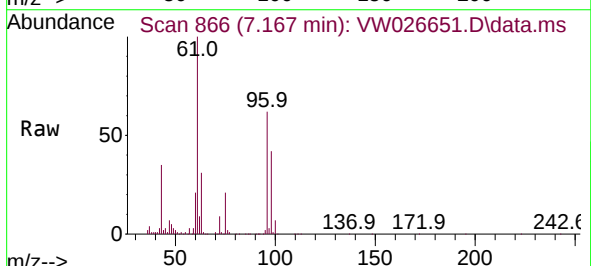
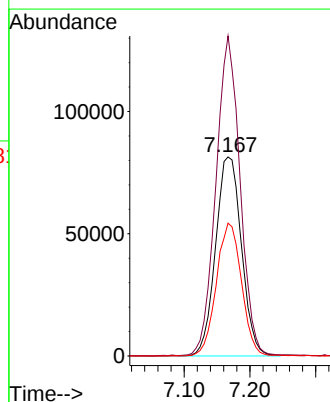
Tgt Ion: 96 Resp: 223243

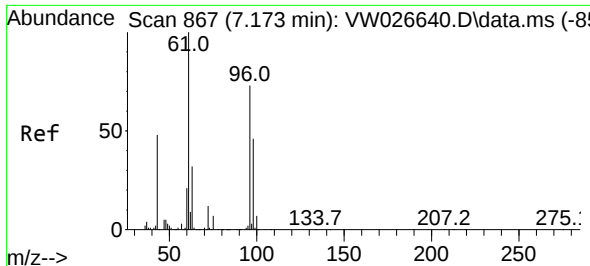
Ion Ratio Lower Upper

96 100

61 160.7 98.8 183.6

98 66.7 42.4 78.6

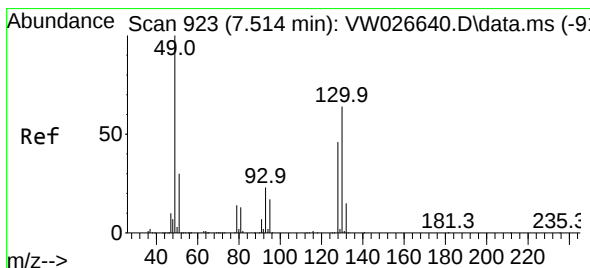
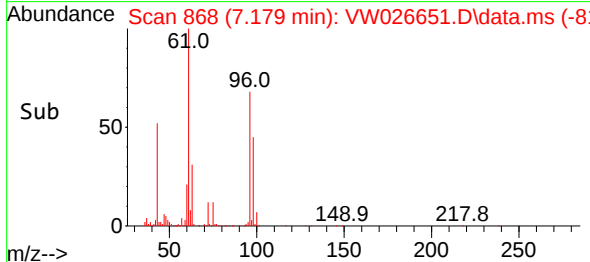
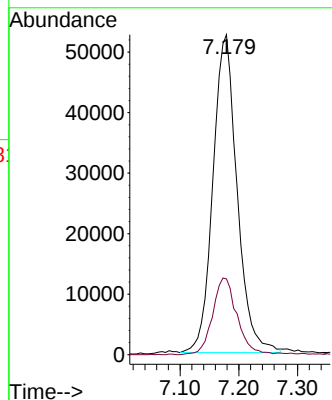
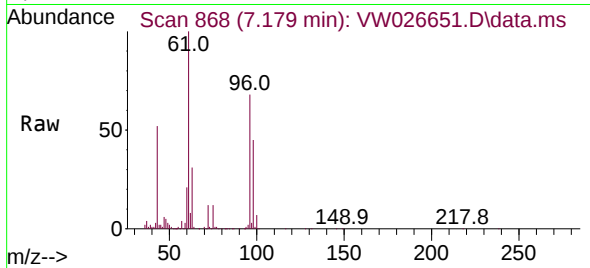




#22
2-Butanone
Concen: 42.106 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

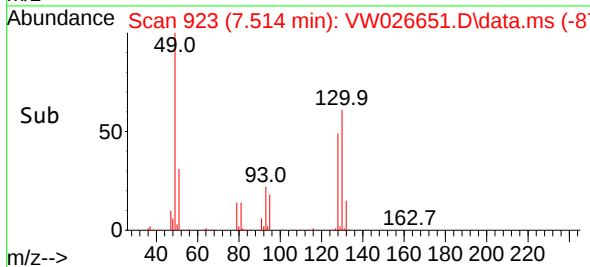
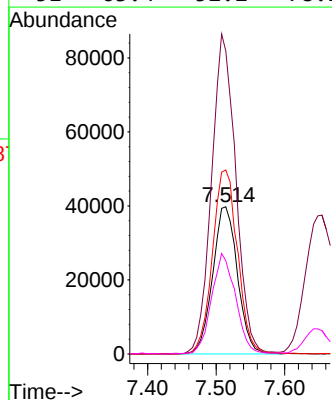
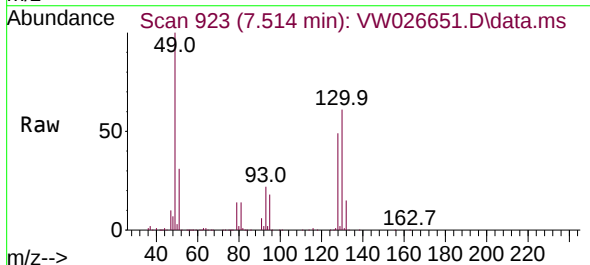
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

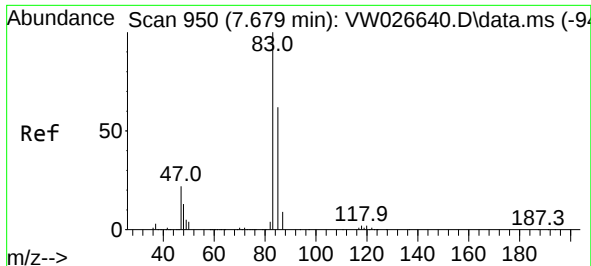
Tgt Ion: 43 Resp: 149989
Ion Ratio Lower Upper
43 100
72 24.2 11.9 35.5



#23
Bromochloromethane
Concen: 26.367 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 128 Resp: 99931
Ion Ratio Lower Upper
128 100
49 205.8 142.1 263.9
130 125.1 92.9 172.5
51 63.4 52.2 78.2

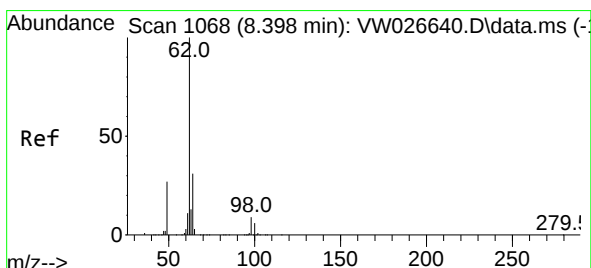
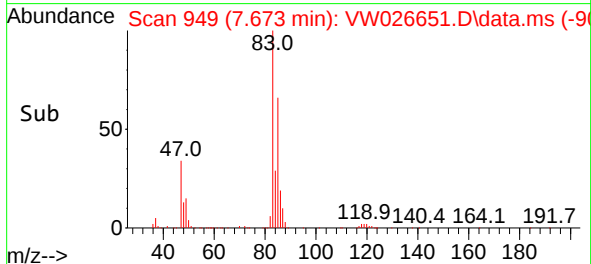
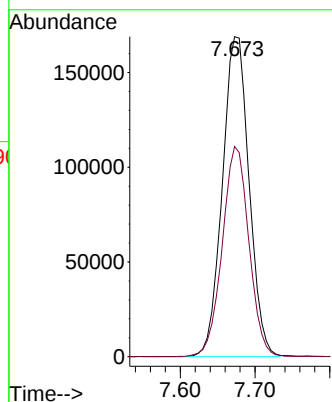
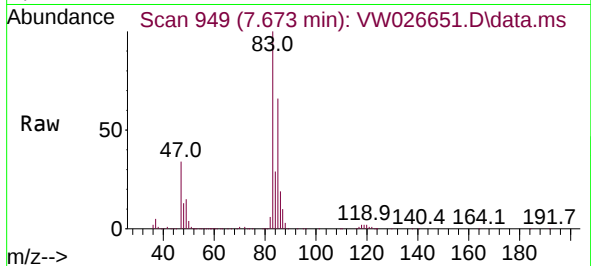




#25
Chloroform
Concen: 26.832 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

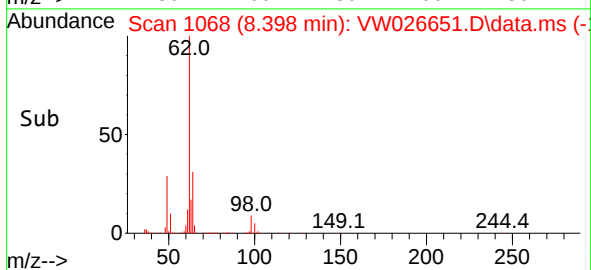
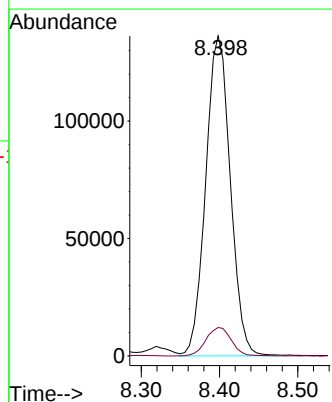
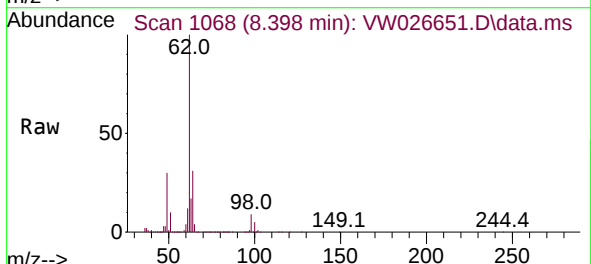
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

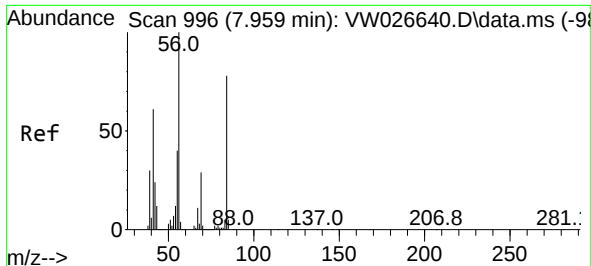
Tgt Ion: 83 Resp: 419979
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 26.984 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 62 Resp: 297326
Ion Ratio Lower Upper
62 100
98 8.9 6.7 10.1





#29

Cyclohexane

Concen: 21.134 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

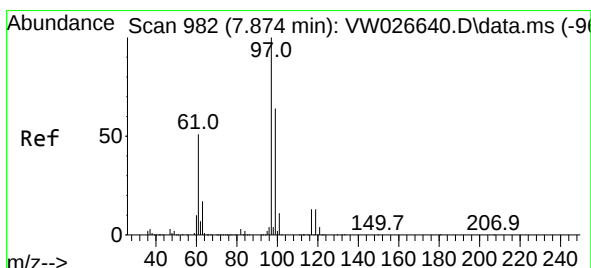
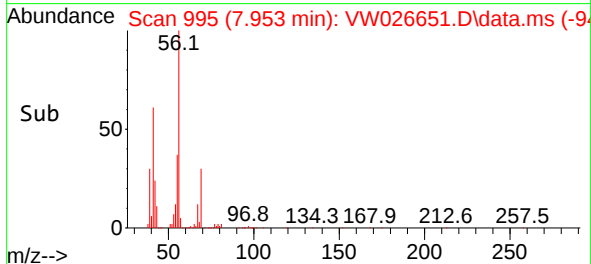
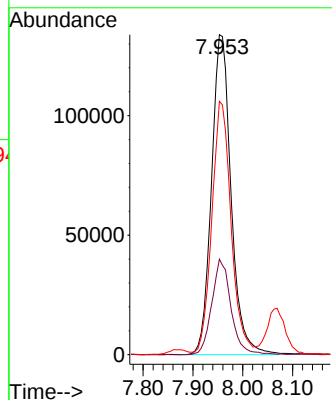
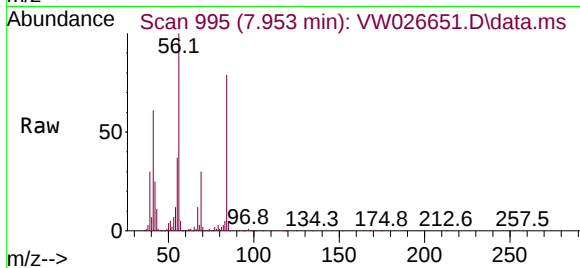
Tgt Ion: 56 Resp: 365863

Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.0

84 77.7 62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 23.060 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

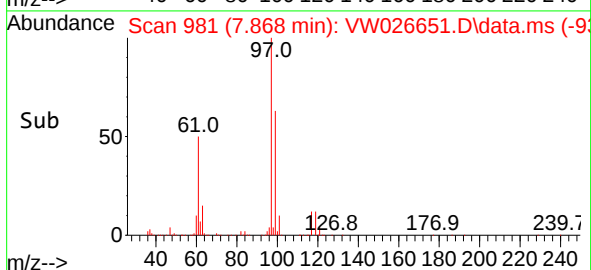
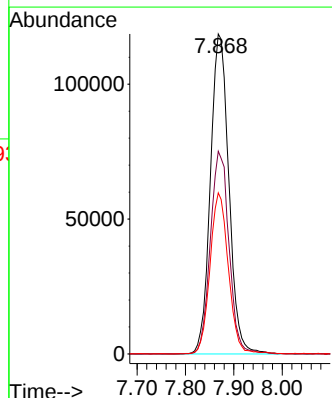
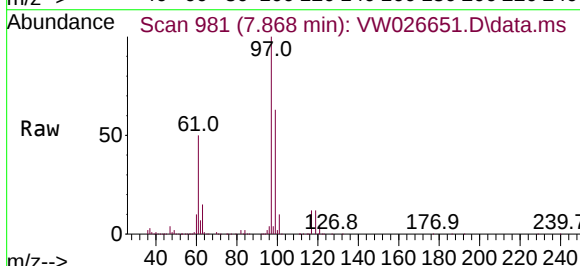
Tgt Ion: 97 Resp: 314269

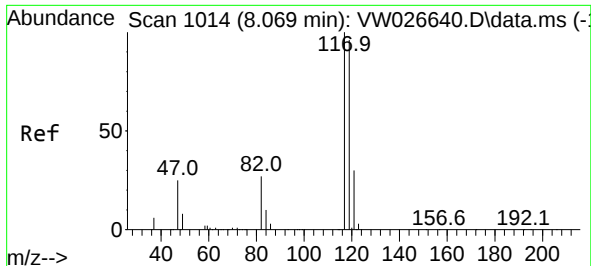
Ion Ratio Lower Upper

97 100

99 63.6 49.9 74.9

61 49.5 39.8 59.8

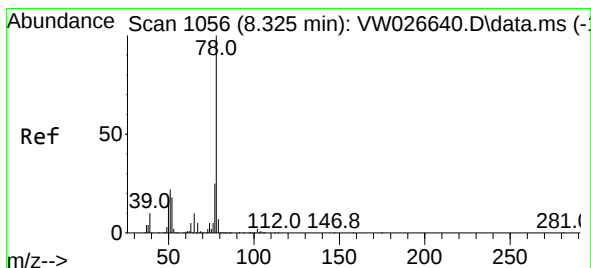
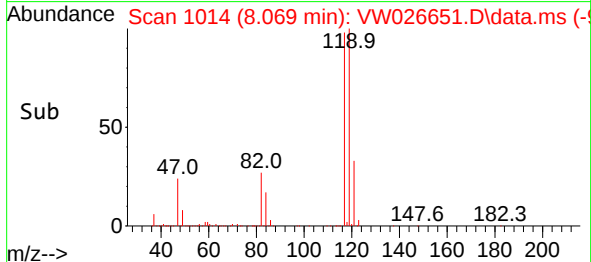
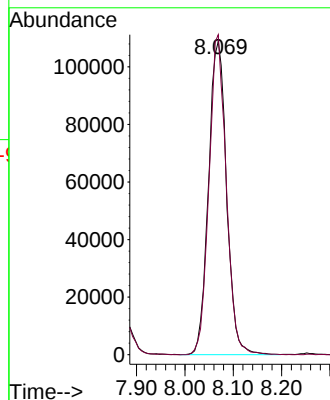
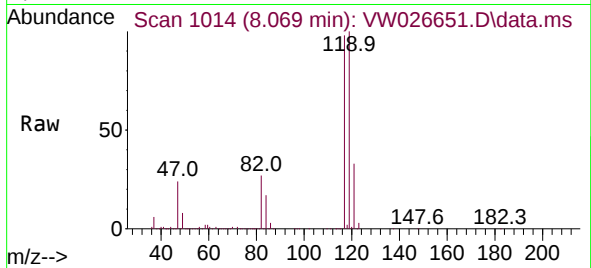




#31
Carbon tetrachloride
Concen: 22.826 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

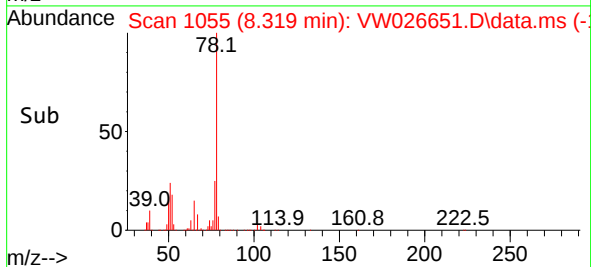
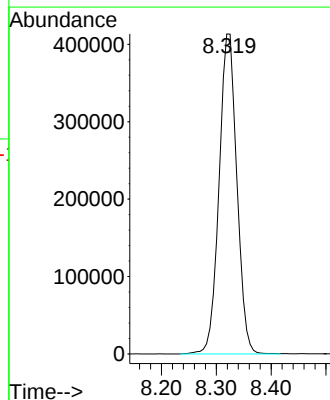
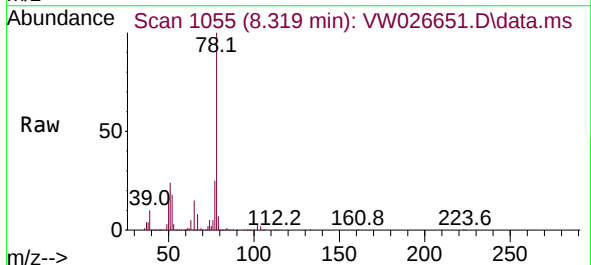
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

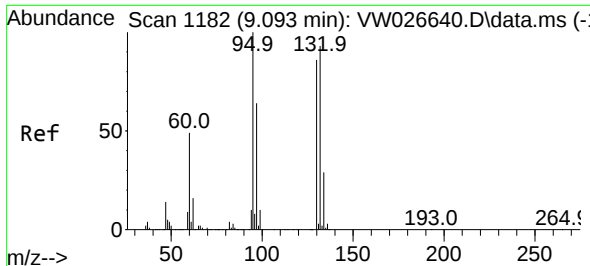
Tgt Ion:117 Resp: 282371
Ion Ratio Lower Upper
117 100
119 97.4 77.1 115.7



#33
Benzene
Concen: 24.360 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 78 Resp: 933261



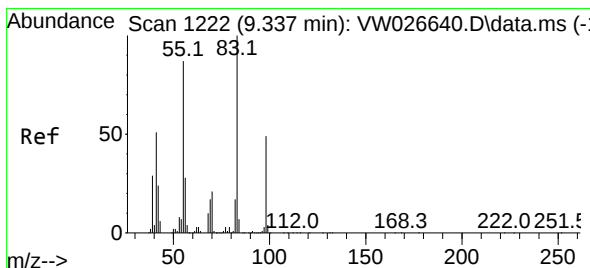
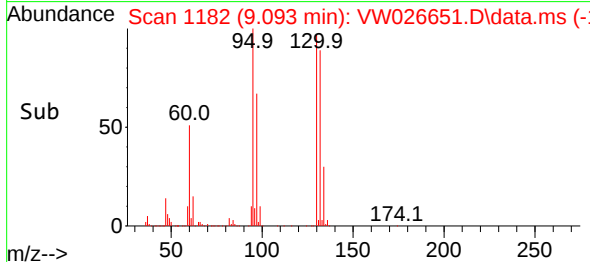
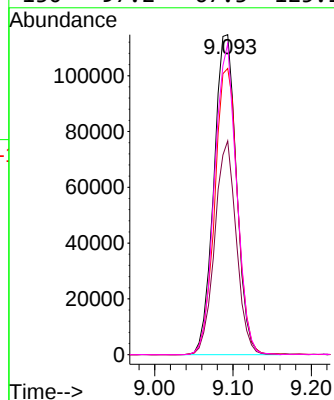
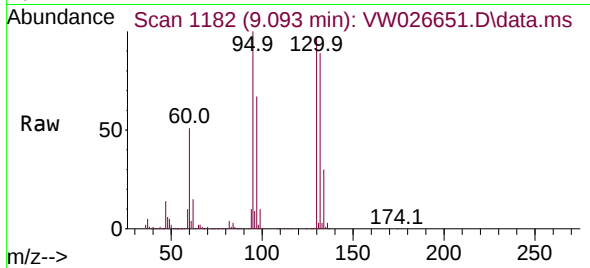


#34
Trichloroethene
Concen: 23.361 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion: 95 Resp: 229894

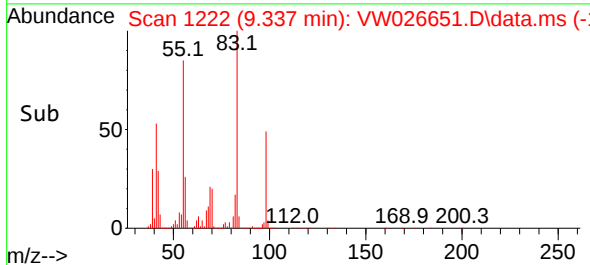
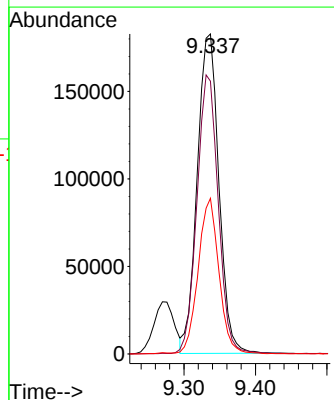
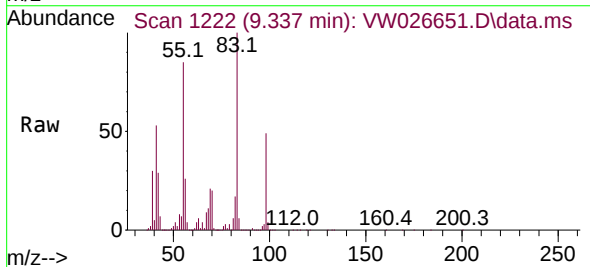
Ion	Ratio	Lower	Upper
95	100		
97	66.8	47.9	88.9
132	89.4	65.0	120.8
130	97.2	67.3	125.1

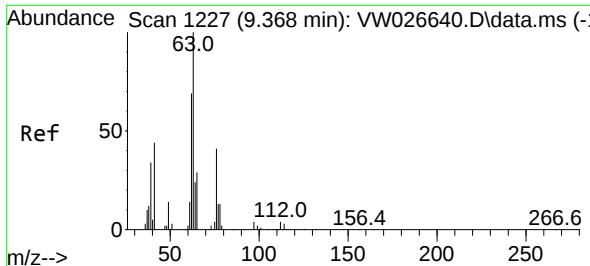


#35
Methylcyclohexane
Concen: 21.747 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 83 Resp: 384277

Ion	Ratio	Lower	Upper
83	100		
55	86.3	68.7	103.1
98	46.9	37.3	55.9





#37

1,2-Dichloropropane

Concen: 25.654 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

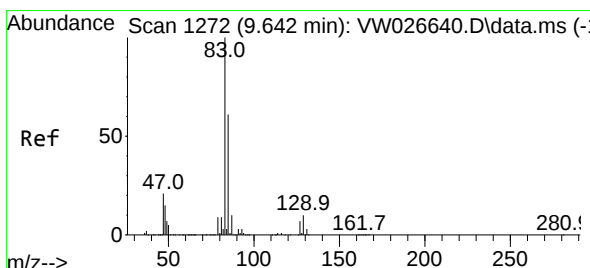
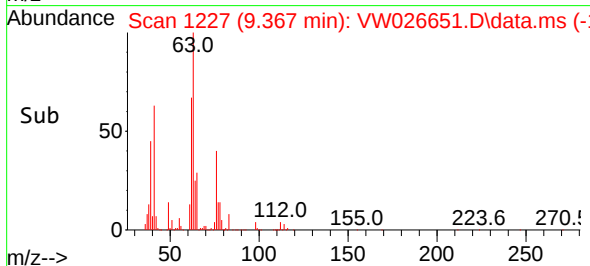
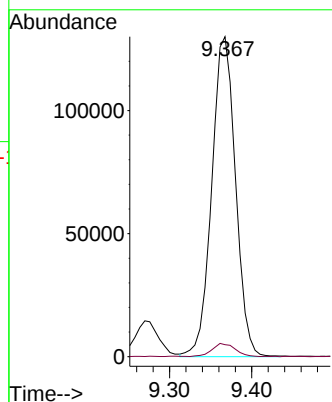
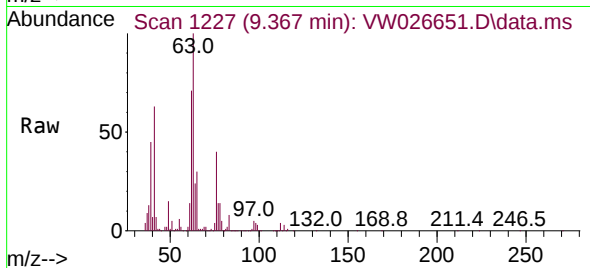
VSTD025568

Tgt Ion: 63 Resp: 261007

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 25.945 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

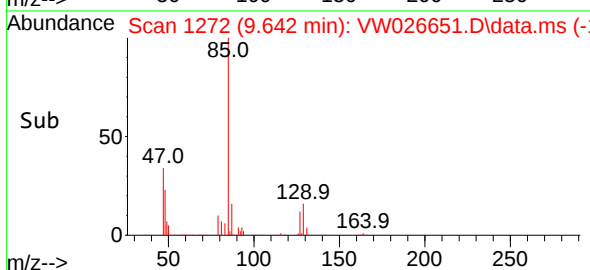
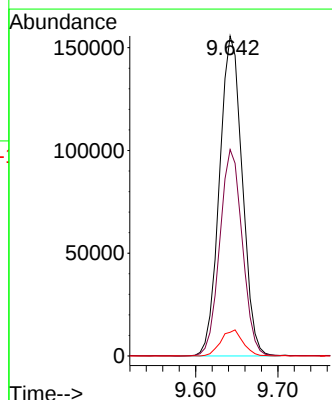
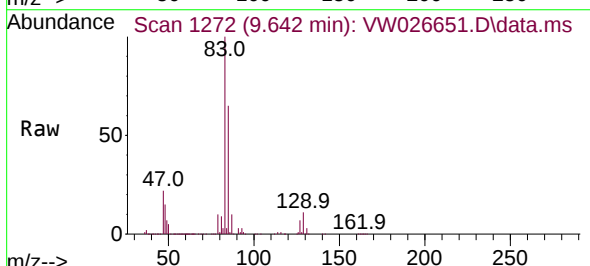
Tgt Ion: 83 Resp: 299901

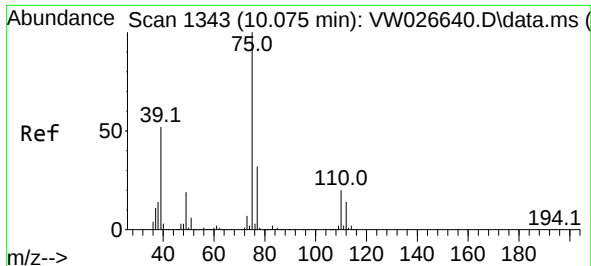
Ion Ratio Lower Upper

83 100

85 64.5 43.3 80.3

127 7.4 6.6 10.0

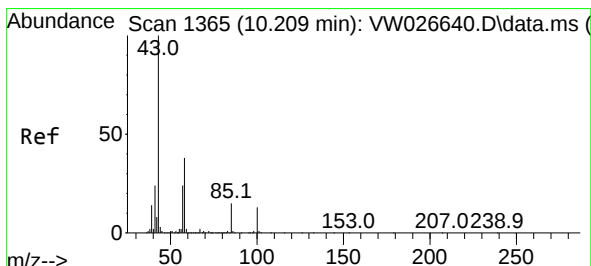
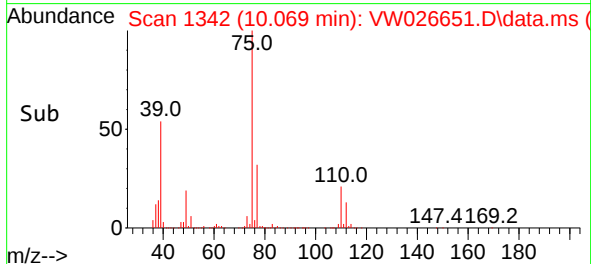
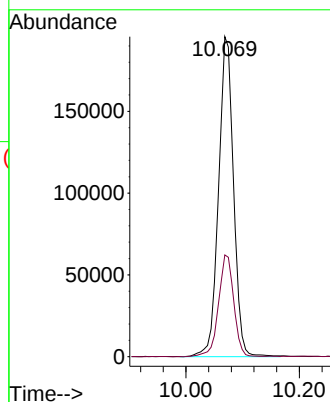
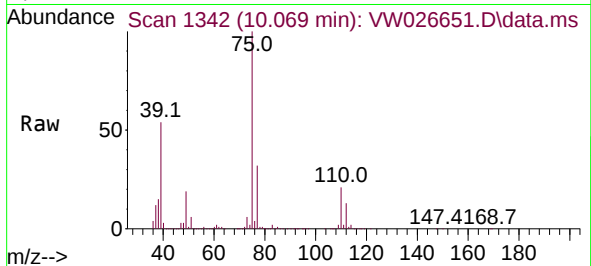




#39
cis-1,3-Dichloropropene
Concen: 24.530 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

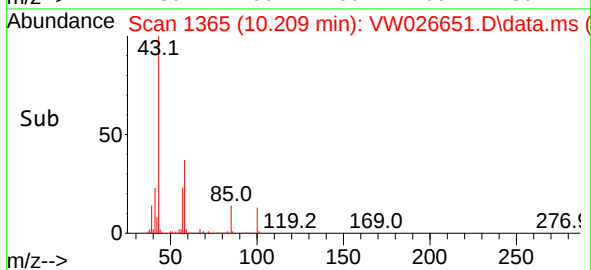
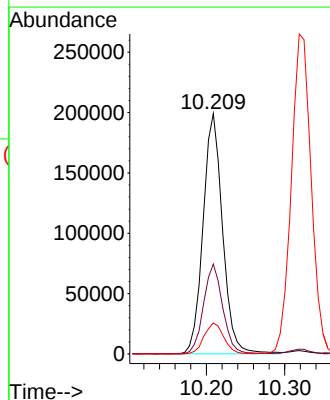
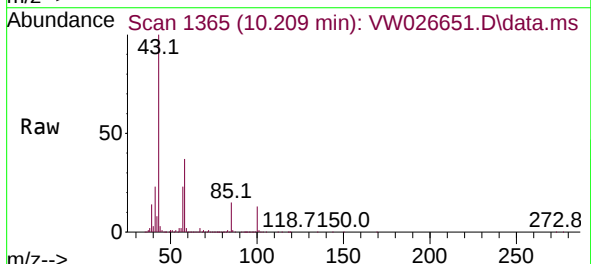
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

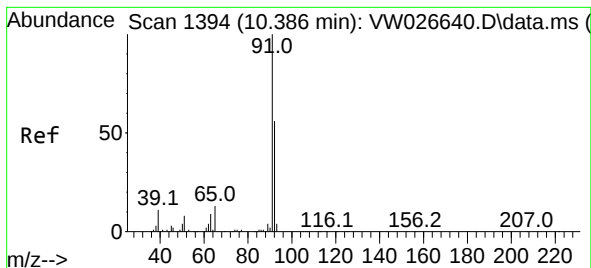
Tgt Ion: 75 Resp: 359314
Ion Ratio Lower Upper
75 100
77 31.8 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 44.764 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 43 Resp: 343746
Ion Ratio Lower Upper
43 100
58 36.8 29.8 44.8
100 13.1 10.7 16.1





#42

Toluene

Concen: 24.829 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

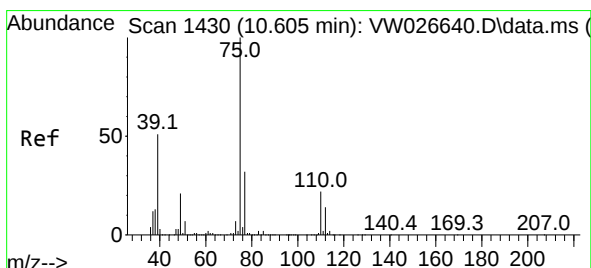
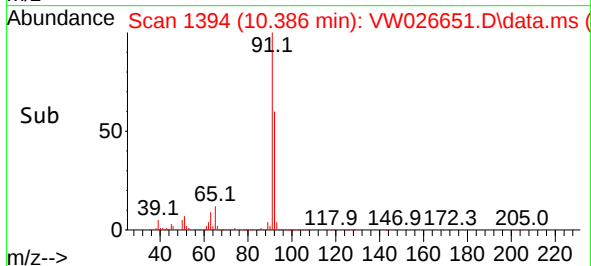
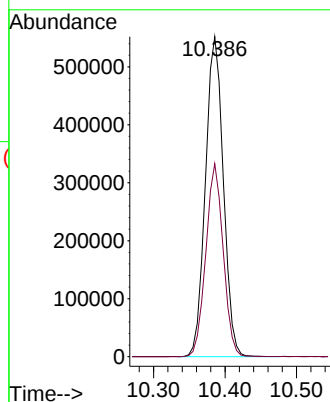
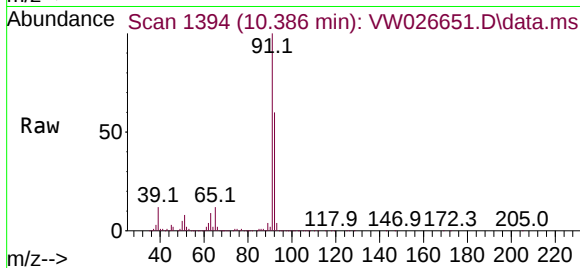
VSTD025568

Tgt Ion: 91 Resp: 960607

Ion Ratio Lower Upper

91 100

92 60.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 24.945 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026651.D

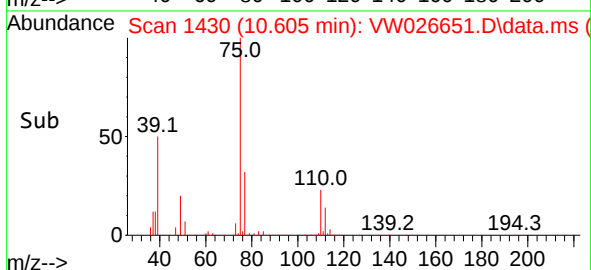
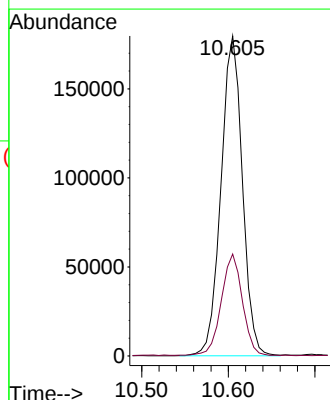
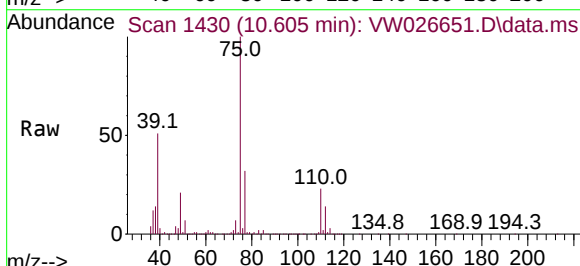
Acq: 24 Jul 2023 16:18

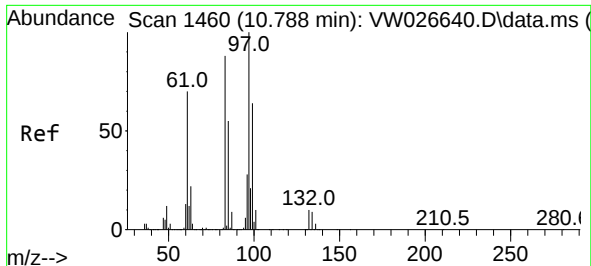
Tgt Ion: 75 Resp: 308165

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.6



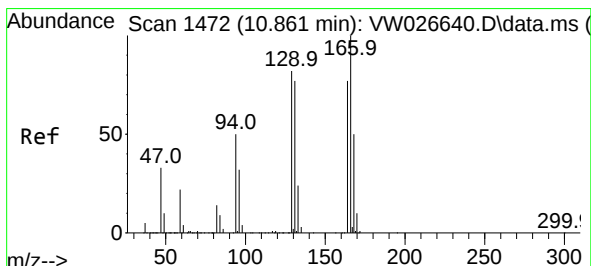
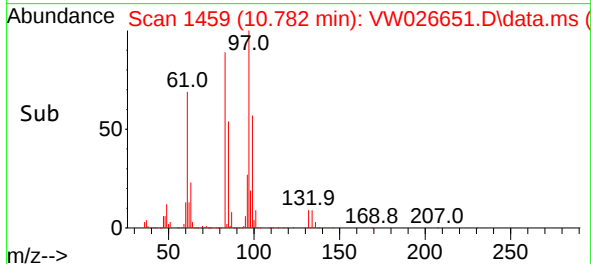
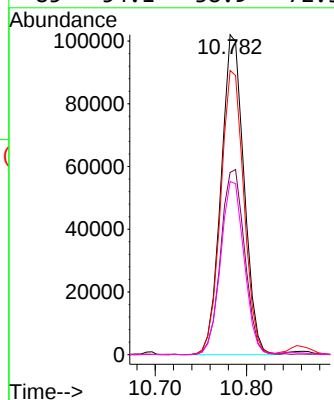
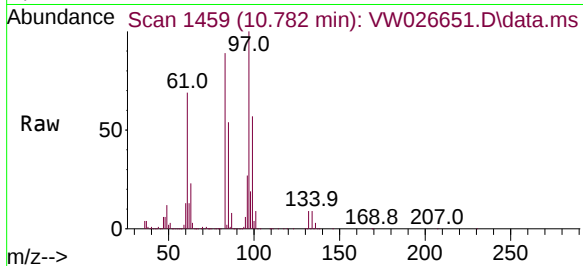


#45
1,1,2-Trichloroethane
Concen: 25.090 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Tgt Ion: 97 Resp: 178164

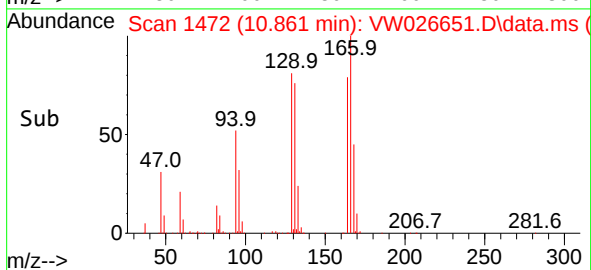
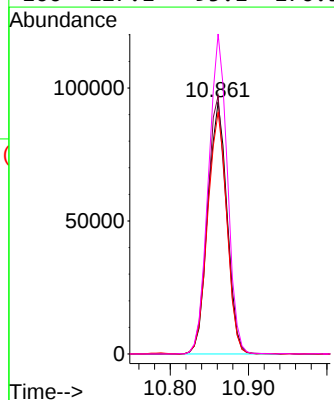
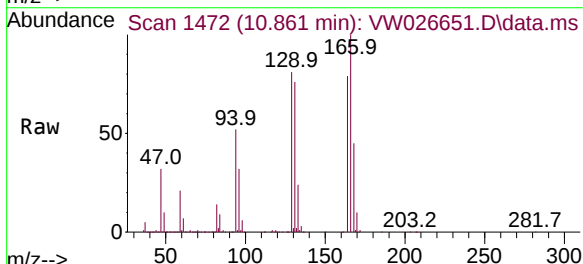
Ion	Ratio	Lower	Upper
97	100		
99	56.9	40.5	75.3
83	88.8	61.0	113.2
85	54.1	38.9	72.3

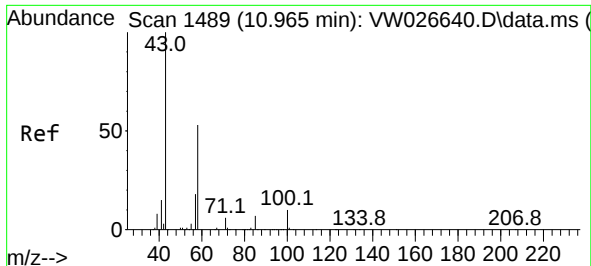


#46
Tetrachloroethene
Concen: 23.170 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 164 Resp: 161878

Ion	Ratio	Lower	Upper
164	100		
129	102.5	75.5	140.1
131	96.0	74.8	138.8
166	127.1	95.1	176.5

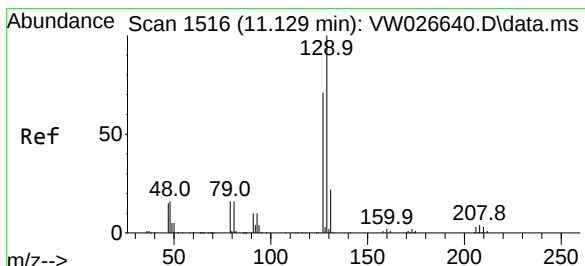
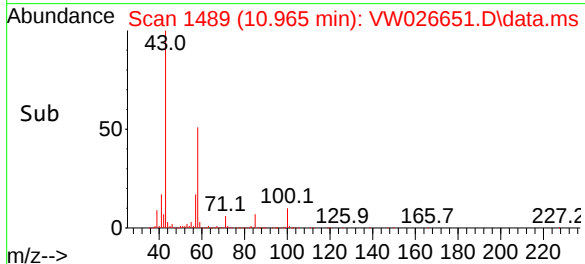
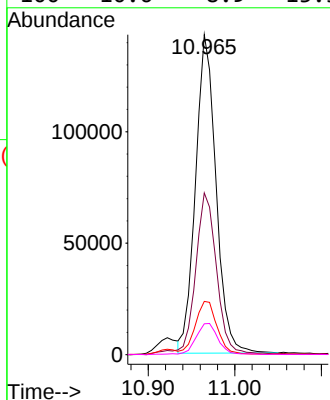
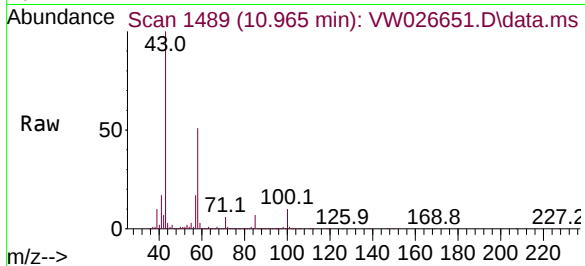




#48
2-Hexanone
Concen: 43.913 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

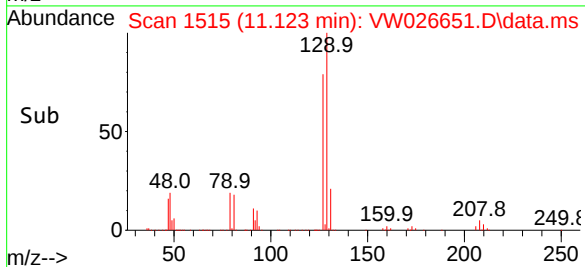
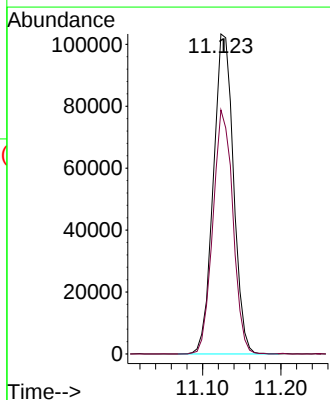
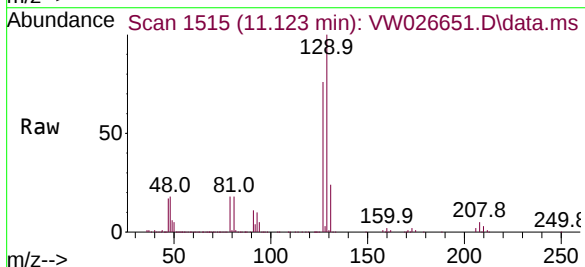
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

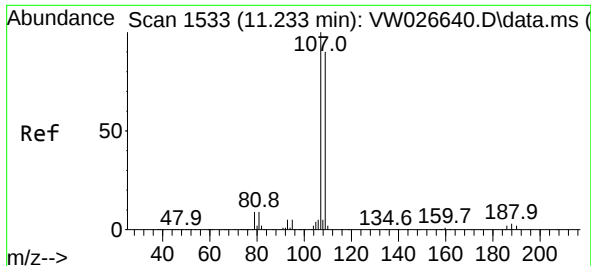
Tgt Ion:	43	Resp:	235334
Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.1	63.1
57	17.9	14.8	22.2
100	10.6	8.9	13.3



#49
Dibromochloromethane
Concen: 26.325 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion:	129	Resp:	185095
Ion	Ratio	Lower	Upper
129	100		
127	76.3	51.2	95.2





#50

1,2-Dibromoethane

Concen: 23.843 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

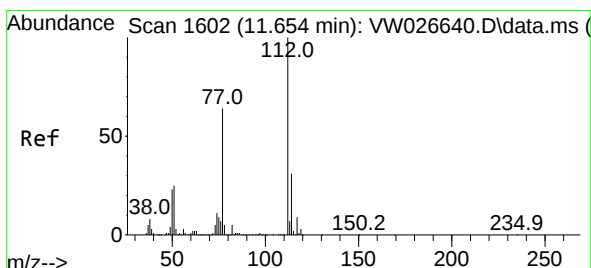
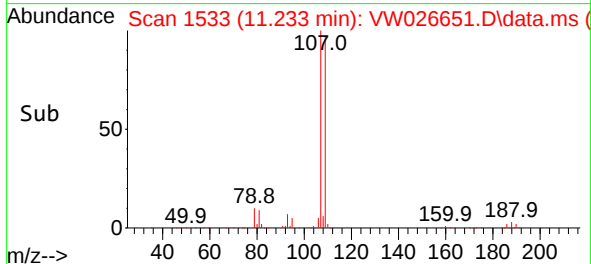
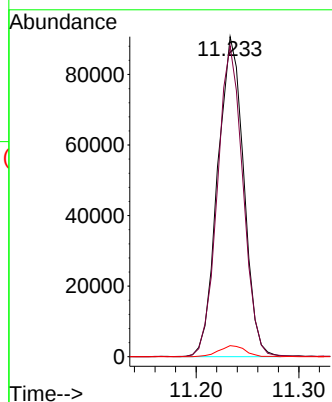
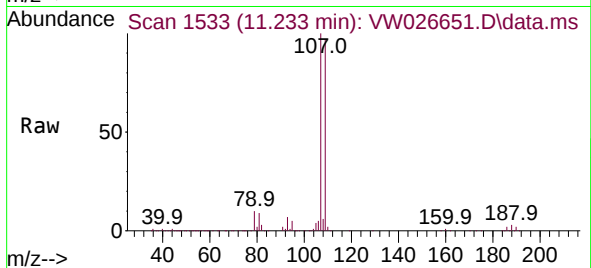
Tgt Ion:107 Resp: 159591

Ion Ratio Lower Upper

107 100

109 97.2 62.9 116.7

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 25.000 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

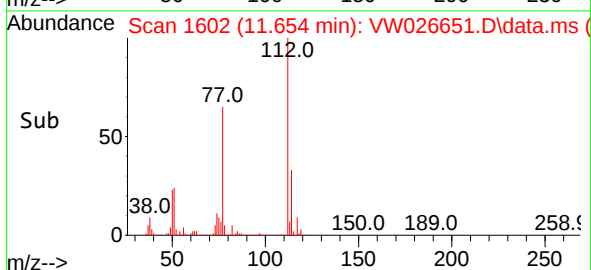
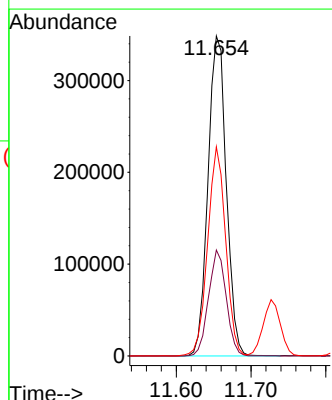
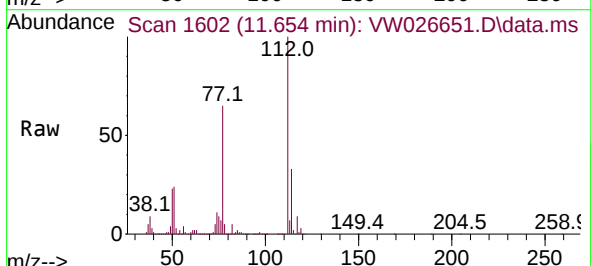
Tgt Ion:112 Resp: 593039

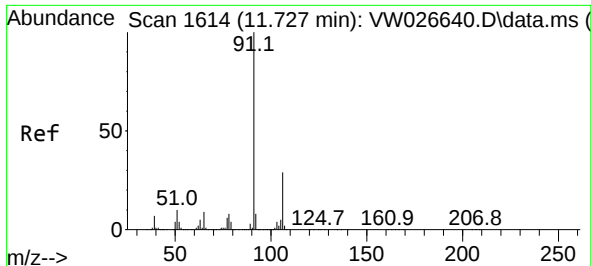
Ion Ratio Lower Upper

112 100

114 33.1 21.6 40.2

77 65.4 50.3 75.5

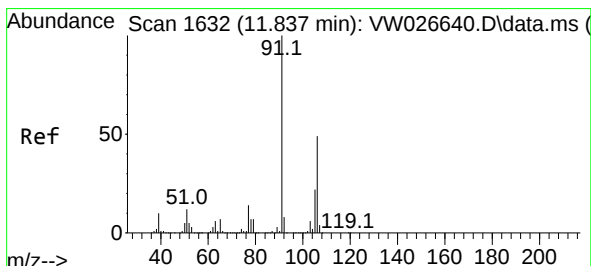
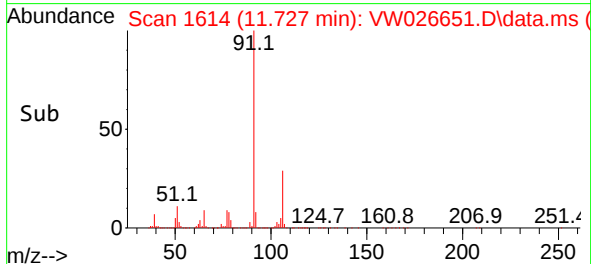
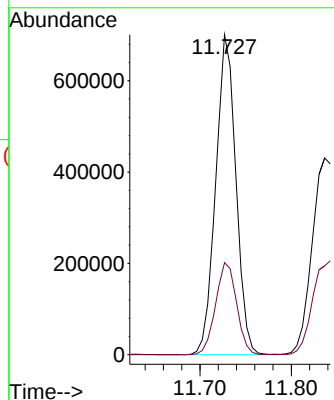
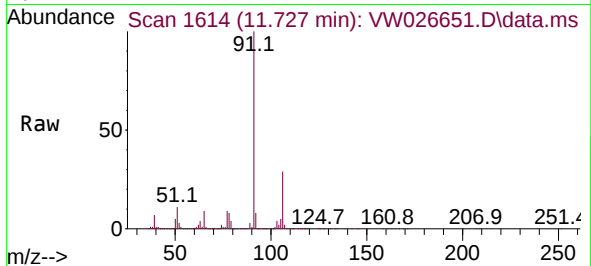




#52
Ethylbenzene
Concen: 24.994 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

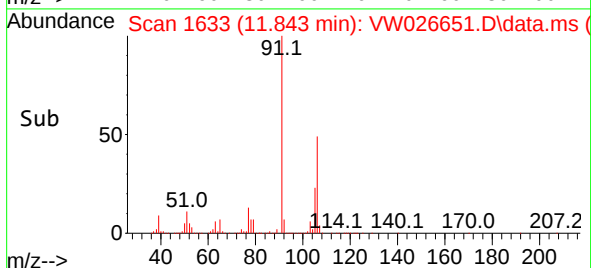
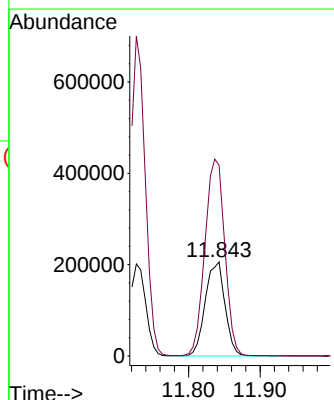
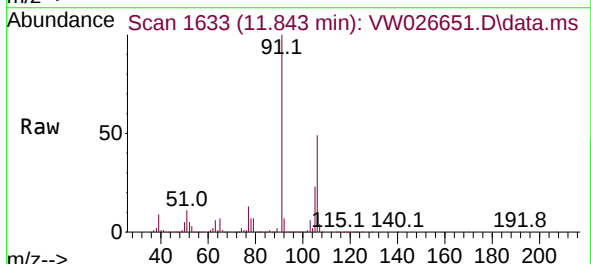
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

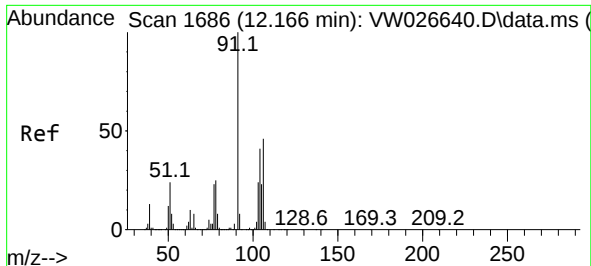
Tgt Ion: 91 Resp: 1076564
Ion Ratio Lower Upper
91 100
106 28.8 20.8 38.6



#53
m,p-Xylene
Concen: 25.126 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion:106 Resp: 393737
Ion Ratio Lower Upper
106 100
91 203.2 150.3 279.1

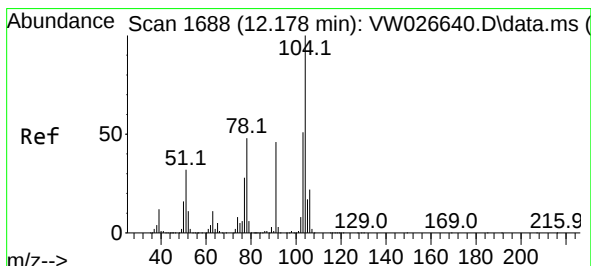
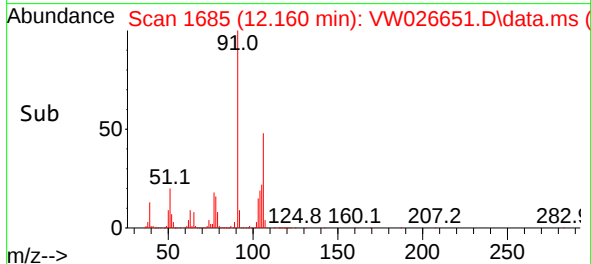
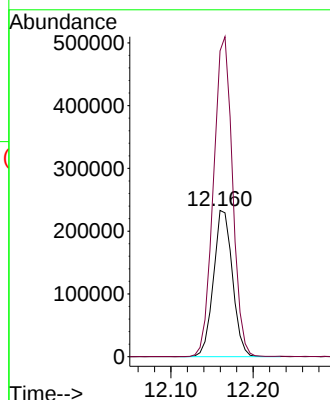
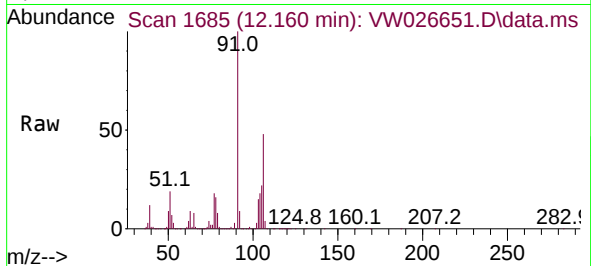




#54
o-Xylene
Concen: 25.401 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

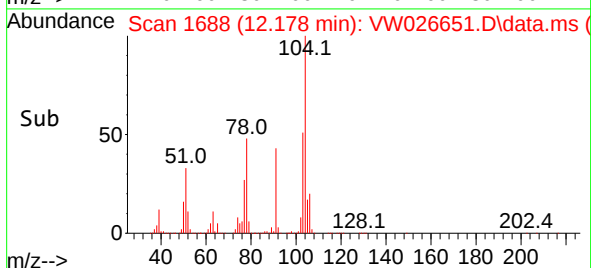
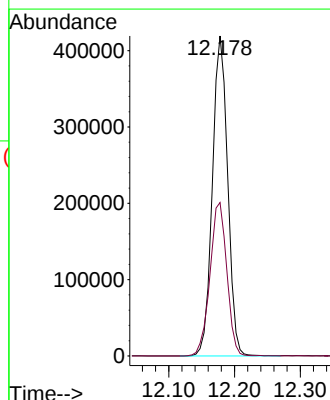
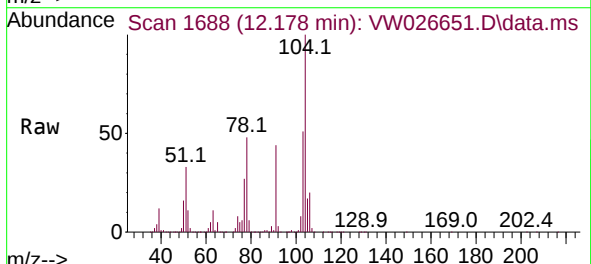
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

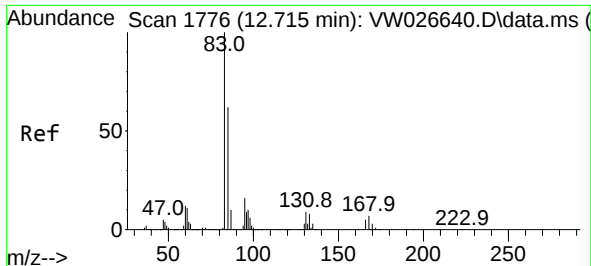
Tgt Ion:106 Resp: 373605
Ion Ratio Lower Upper
106 100
91 209.1 154.3 286.5



#55
Styrene
Concen: 27.364 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion:104 Resp: 678885
Ion Ratio Lower Upper
104 100
78 48.0 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.222 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

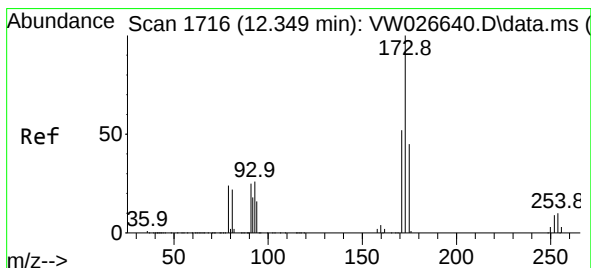
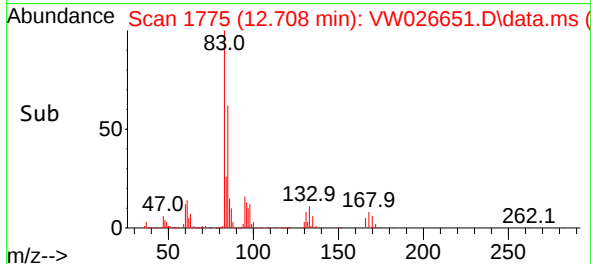
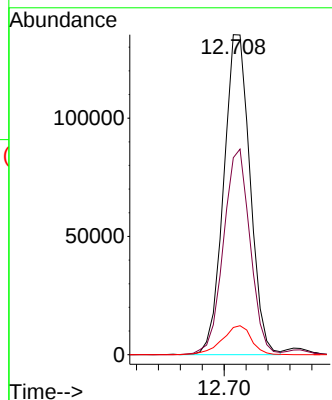
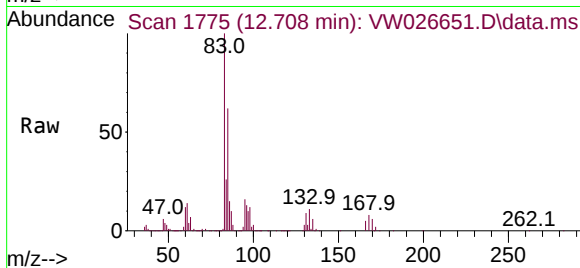
Tgt Ion: 83 Resp: 225727

Ion Ratio Lower Upper

83 100

85 61.6 46.2 85.8

131 8.5 7.2 10.8



#59

Bromoform

Concen: 21.947 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

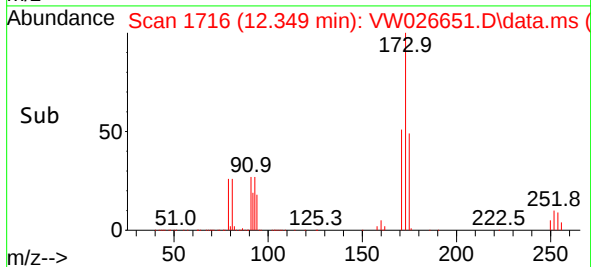
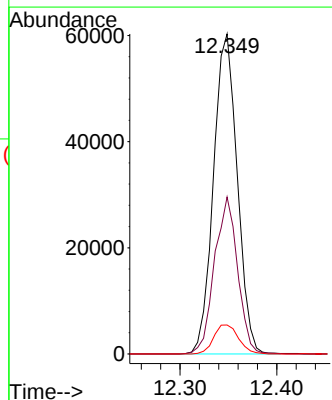
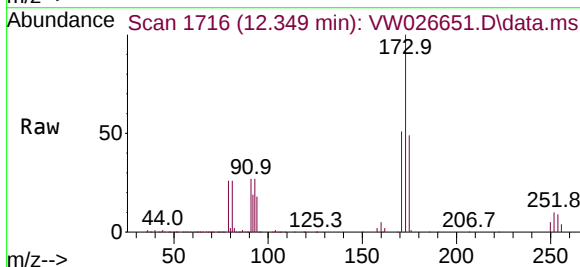
Tgt Ion:173 Resp: 103036

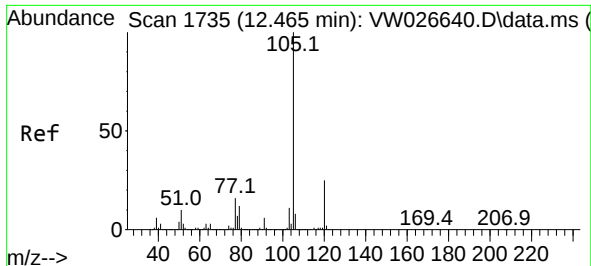
Ion Ratio Lower Upper

173 100

175 47.7 36.6 54.8

254 9.5 7.8 11.6

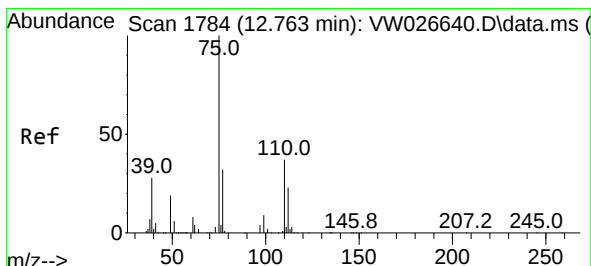
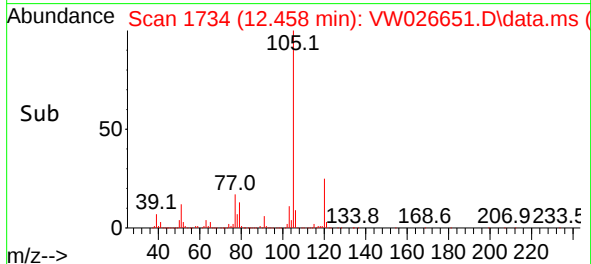
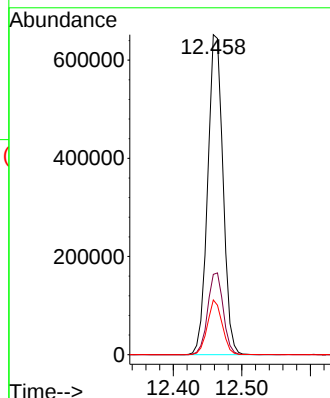
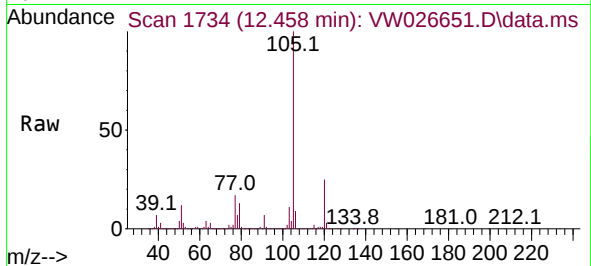




#60
Isopropylbenzene
Concen: 22.089 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

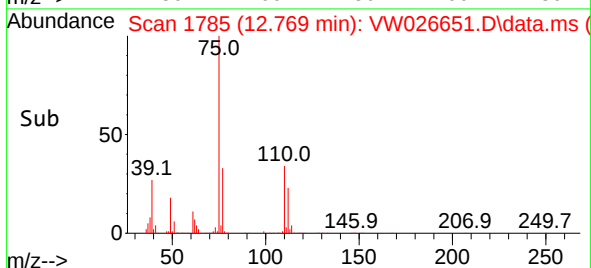
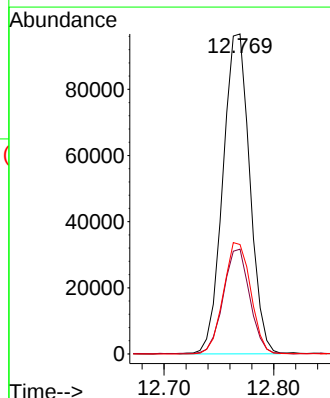
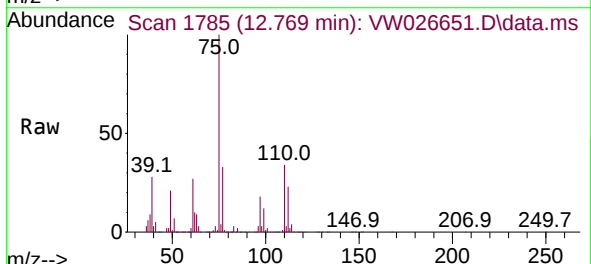
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

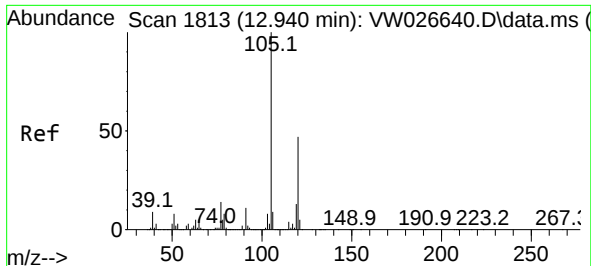
Tgt Ion:105 Resp: 1014478
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.5 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 20.562 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026651.D
Acq: 24 Jul 2023 16:18

Tgt Ion: 75 Resp: 164856
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 35.3 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 23.732 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

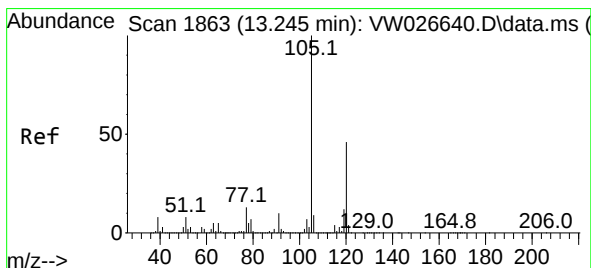
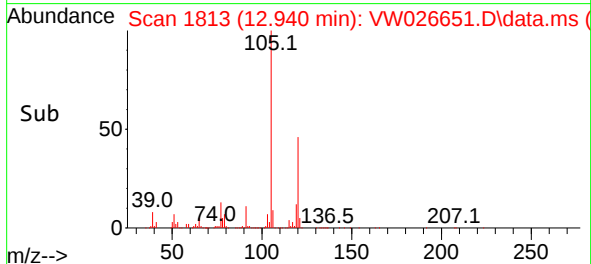
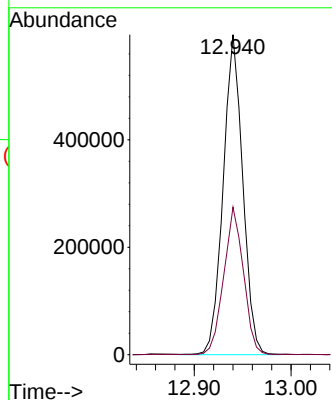
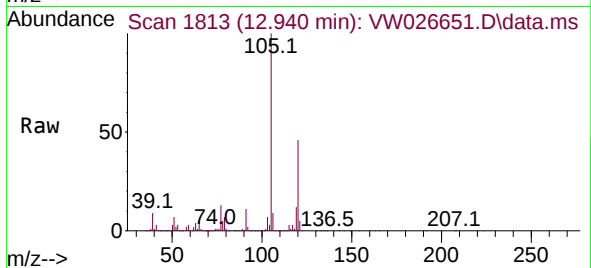
VSTD025568

Tgt Ion:105 Resp: 835998

Ion Ratio Lower Upper

105 100

120 46.4 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 24.176 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026651.D

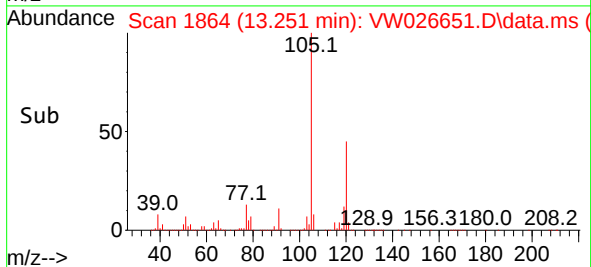
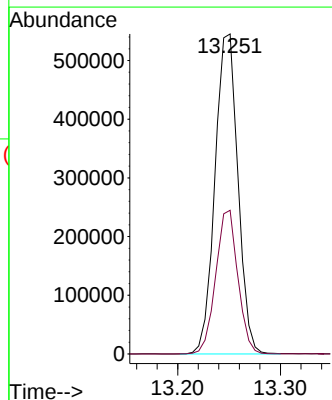
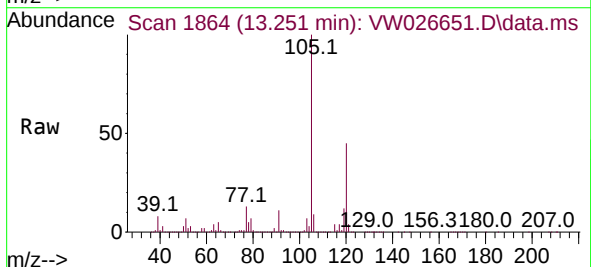
Acq: 24 Jul 2023 16:18

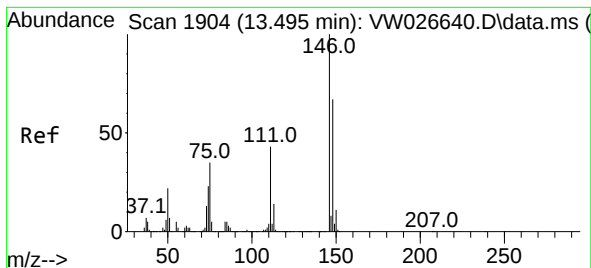
Tgt Ion:105 Resp: 844348

Ion Ratio Lower Upper

105 100

120 43.4 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 22.989 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

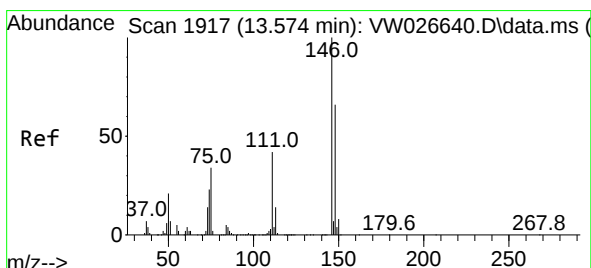
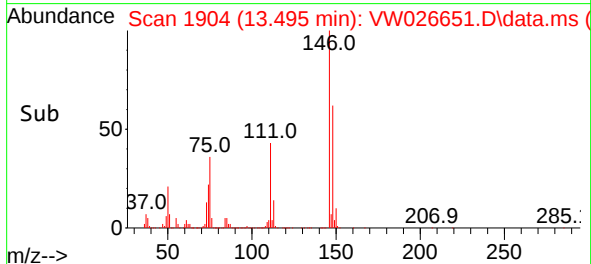
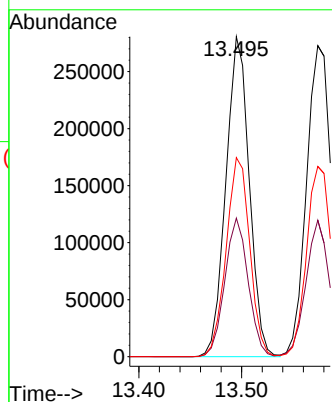
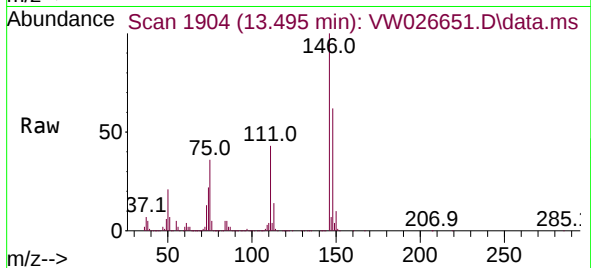
Tgt Ion:146 Resp: 443035

Ion Ratio Lower Upper

146 100

111 43.3 30.4 56.4

148 62.2 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 23.683 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

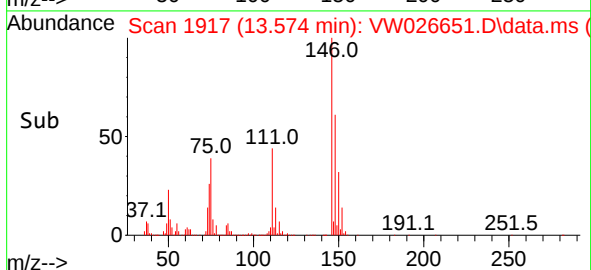
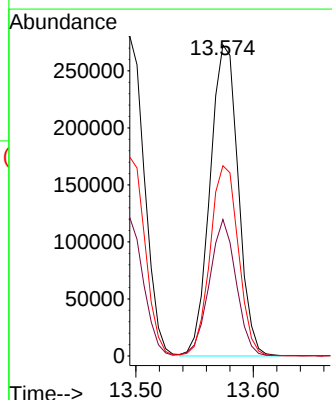
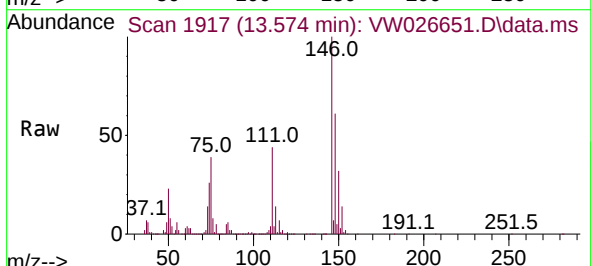
Tgt Ion:146 Resp: 455184

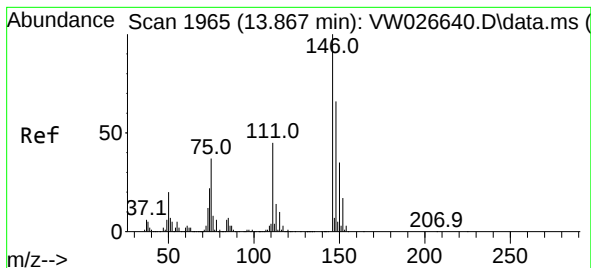
Ion Ratio Lower Upper

146 100

111 43.9 29.7 55.1

148 61.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 23.125 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

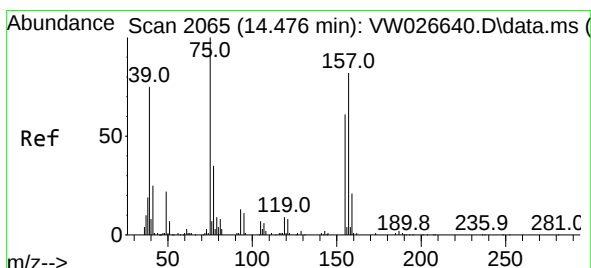
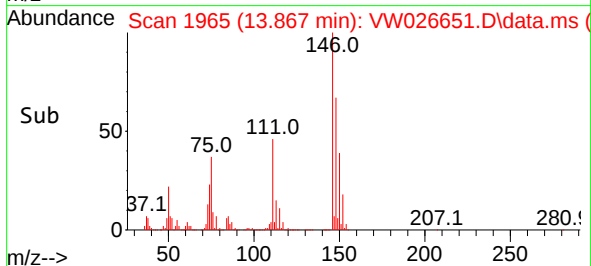
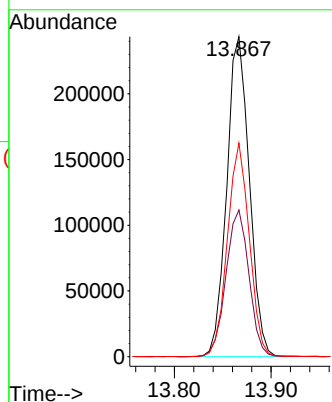
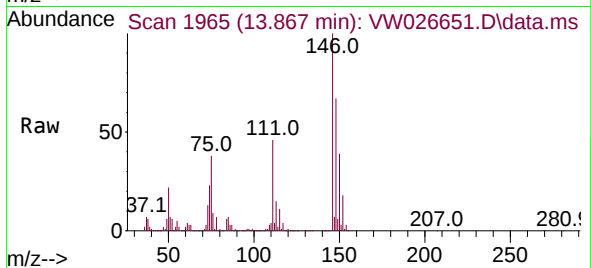
Tgt Ion:146 Resp: 394421

Ion Ratio Lower Upper

146 100

111 45.8 31.8 47.8

148 66.8 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 19.458 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

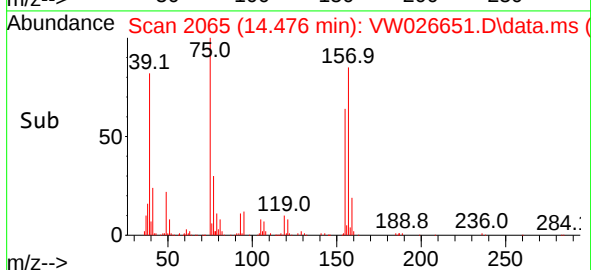
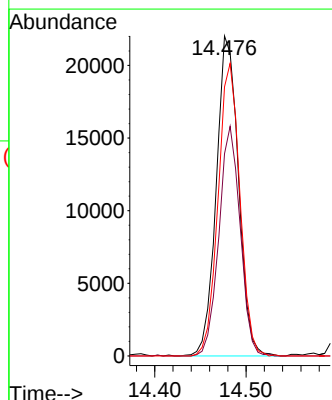
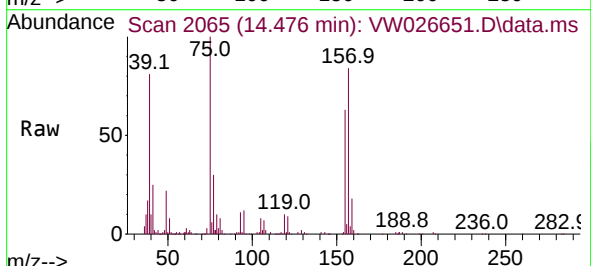
Tgt Ion: 75 Resp: 37132

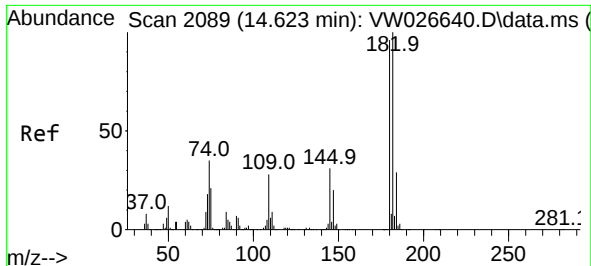
Ion Ratio Lower Upper

75 100

155 63.2 49.1 73.7

157 84.1 60.6 90.8





#69

1,3,5-Trichlorobenzene

Concen: 22.073 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

Tgt Ion:180 Resp: 281505

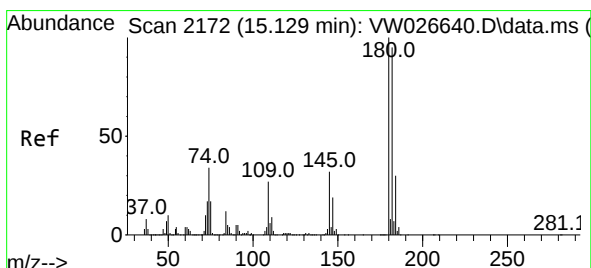
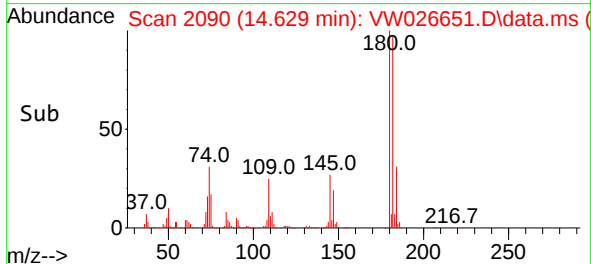
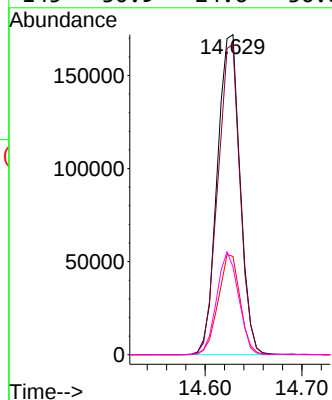
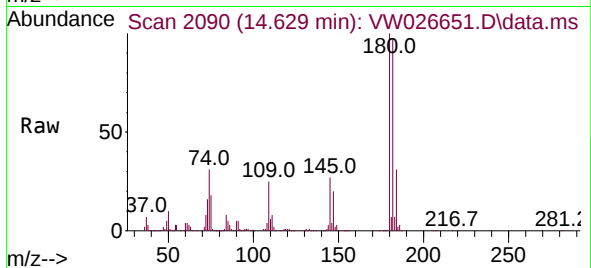
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

184 30.0 23.7 35.5

145 30.9 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 23.206 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

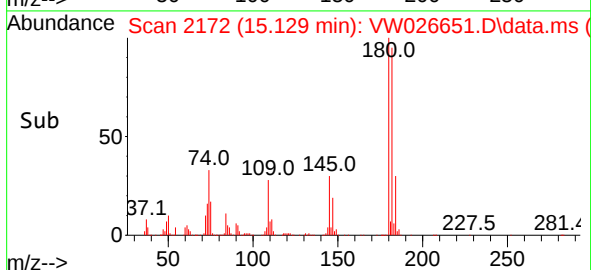
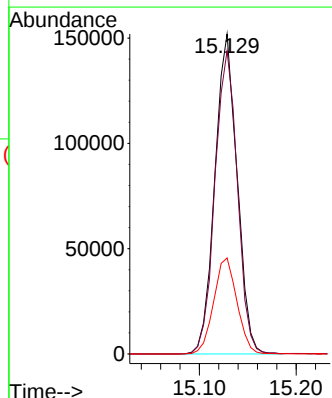
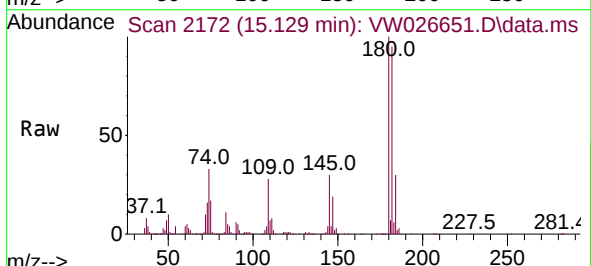
Tgt Ion:180 Resp: 242869

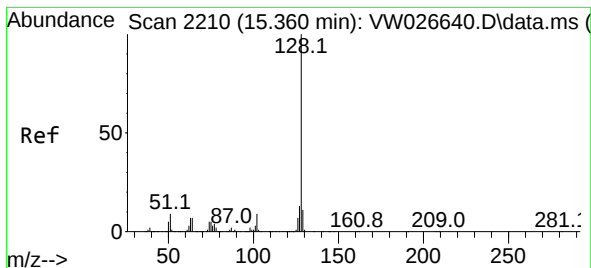
Ion Ratio Lower Upper

180 100

182 95.4 73.5 110.3

145 31.4 25.0 37.6





#71

Naphthalene

Concen: 21.864 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

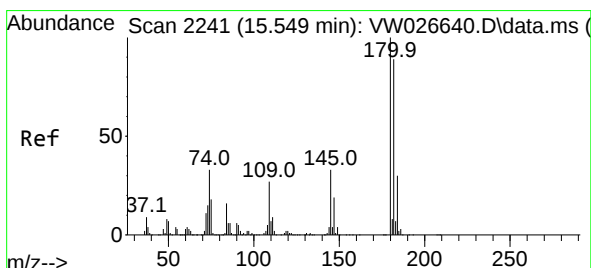
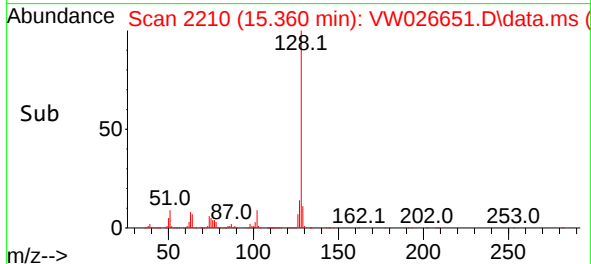
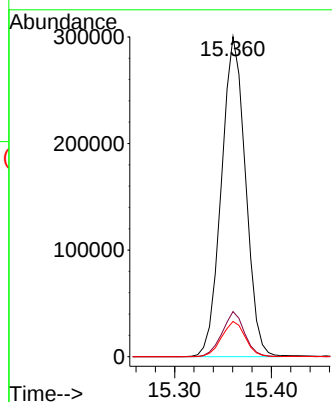
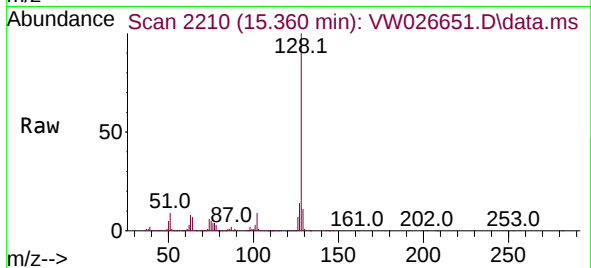
Tgt Ion:128 Resp: 518186

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.549 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026651.D

Acq: 24 Jul 2023 16:18

Tgt Ion:180 Resp: 232013

Ion Ratio Lower Upper

180 100

182 91.7 75.2 112.8

145 32.3 26.6 40.0

