

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071923\
 Data File : VW026626.D
 Acq On : 19 Jul 2023 16:17
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Jul 20 01:58:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 20 01:56:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	659317	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	595464	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292197	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	208329	18.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
7) Chloroethane-d5	2.893	69	165764	21.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.960%
11) 1,1-Dichloroethene-d2	4.021	65	101853	19.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.000%
21) 2-Butanone-d5	7.075	46	149384	41.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.120%
24) Chloroform-d	7.648	84	463281	24.406	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.640%
26) 1,2-Dichloroethane-d4	8.307	65	247506	23.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	8.276	84	926267	22.660	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	9.276	67	288175	22.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.720%
41) Toluene-d8	10.325	98	809971	23.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	10.575	79	112319	22.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.200%
47) 2-Hexanone-d5	10.922	63	100456	40.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	229589	21.570	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	246240	22.953	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	141987	19.091	ug/L	98
3) Chloromethane	2.222	50	238960	22.487	ug/L	100
5) Vinyl chloride	2.381	62	244244	21.809	ug/L	98
6) Bromomethane	2.789	94	137395	23.078	ug/L	99
8) Chloroethane	2.930	64	148073	23.645	ug/L	99
9) Trichlorofluoromethane	3.265	101	180653	21.779	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	89965	9.773	ug/L	# 2
12) 1,1-Dichloroethene	4.045	96	203003	22.984	ug/L	93
13) Acetone	4.118	43	114411	44.253	ug/L	95
14) Carbon disulfide	4.393	76	699340	22.587	ug/L	99
15) Methyl Acetate	4.667	43	127128	20.466	ug/L	98
16) Methylene chloride	4.923	84	281475	24.166	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	232849	24.656	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	346107	23.417	ug/L	99
19) 1,1-Dichloroethane	6.216	63	486308	25.756	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	253009	25.872	ug/L	98
22) 2-Butanone	7.167	43	171814	43.640	ug/L	99
23) Bromochloromethane	7.514	128	106348	25.388	ug/L	97
25) Chloroform	7.673	83	447311	25.857	ug/L	97

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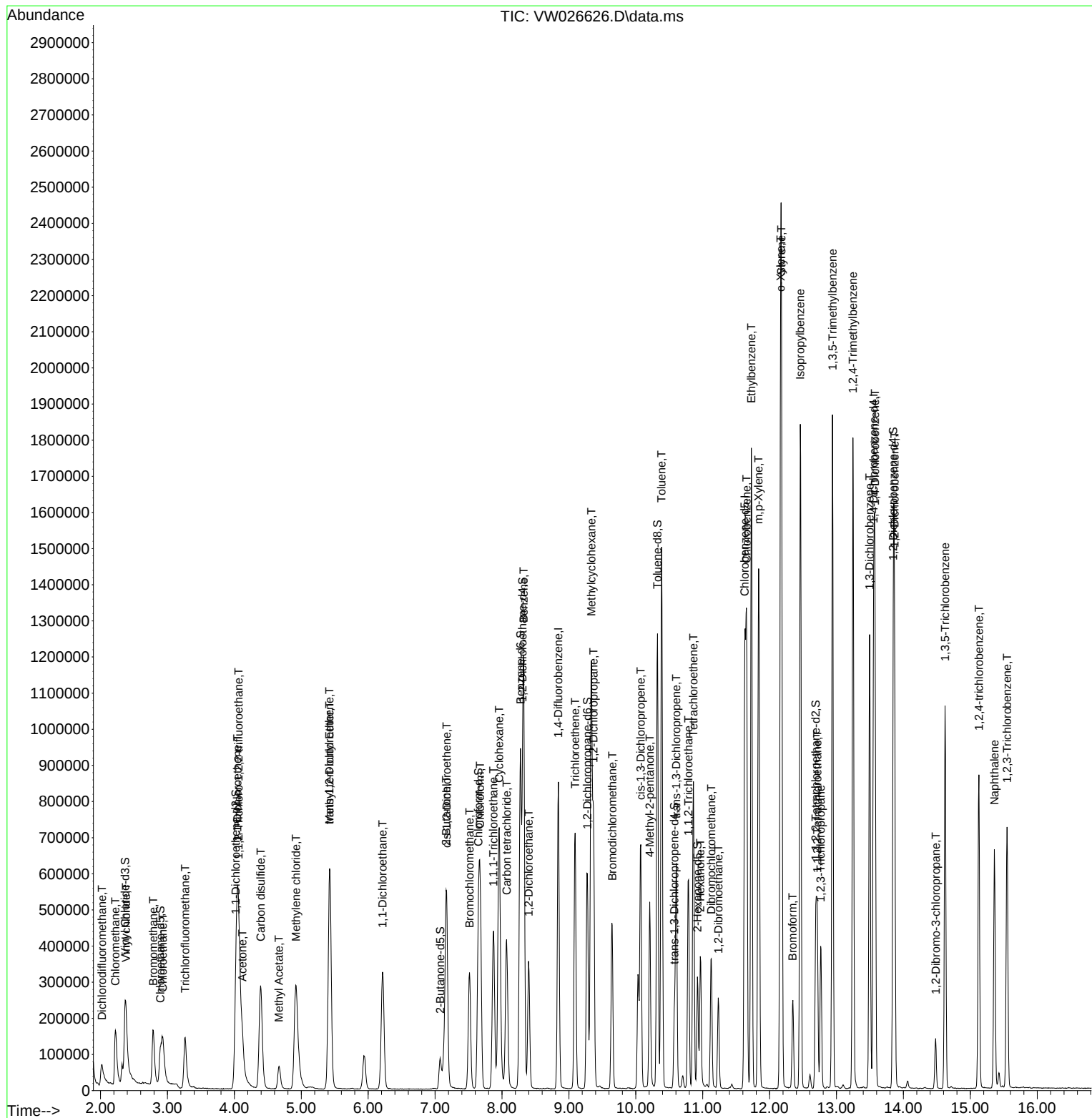
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	313168	25.715	ug/L	99
29) Cyclohexane	7.959	56	432411	23.323	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	354337	24.278	ug/L	99
31) Carbon tetrachloride	8.069	117	318959	24.075	ug/L	99
33) Benzene	8.325	78	1025746	25.000	ug/L	100
34) Trichloroethene	9.093	95	256233	24.312	ug/L	97
35) Methylcyclohexane	9.337	83	449732	23.765	ug/L	99
37) 1,2-Dichloropropane	9.367	63	276396	25.367	ug/L	99
38) Bromodichloromethane	9.648	83	310655	25.095	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	394330	25.138	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	345346	41.993	ug/L	100
42) Toluene	10.386	91	1058716	25.552	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	331840	25.082	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	183315	24.106	ug/L	99
46) Tetrachloroethene	10.861	164	179160	23.945	ug/L	94
48) 2-Hexanone	10.965	43	246161	42.891	ug/L	96
49) Dibromochloromethane	11.129	129	189381	25.151	ug/L	95
50) 1,2-Dibromoethane	11.233	107	167858	23.416	ug/L	98
51) Chlorobenzene	11.654	112	645149	25.395	ug/L	98
52) Ethylbenzene	11.727	91	1184038	25.668	ug/L	99
53) m,p-Xylene	11.837	106	440279	26.235	ug/L	92
54) o-Xylene	12.166	106	406002	25.775	ug/L	99
55) Styrene	12.178	104	714228	26.882	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	227564	22.802	ug/L	97
59) Bromoform	12.343	173	106121	22.963	ug/L	95
60) Isopropylbenzene	12.458	105	1149223	25.420	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	166358	21.079	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	931009	26.849	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	915574	26.632	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	464616	24.492	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	482835	25.521	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	437024	26.030	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	37016	19.706	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	295065	23.504	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	250614	24.327	ug/L	97
71) Naphthalene	15.360	128	511150	21.910	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	222223	22.913	ug/L	95

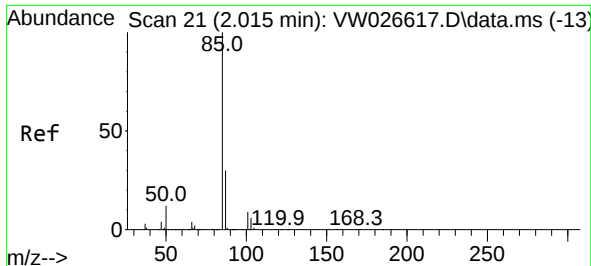
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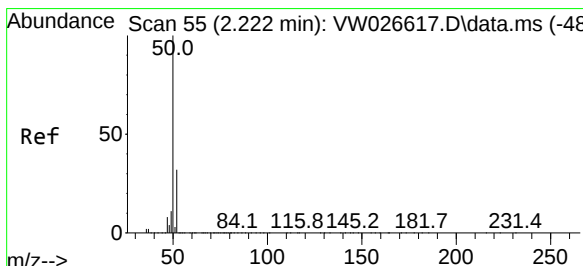
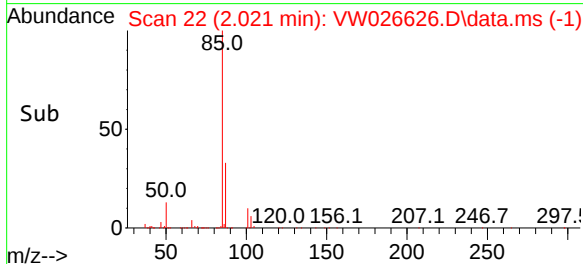
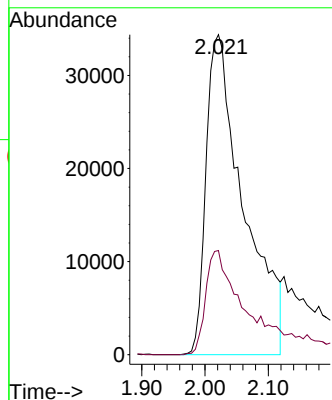
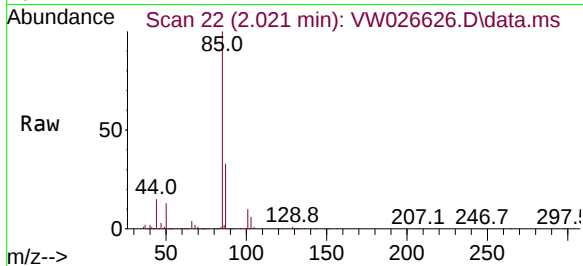




#2
 Dichlorodifluoromethane
 Concen: 19.091 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026626.D
 Acq: 19 Jul 2023 16:17

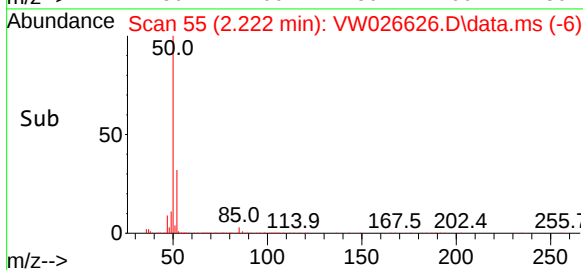
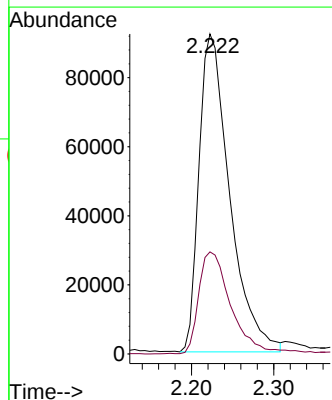
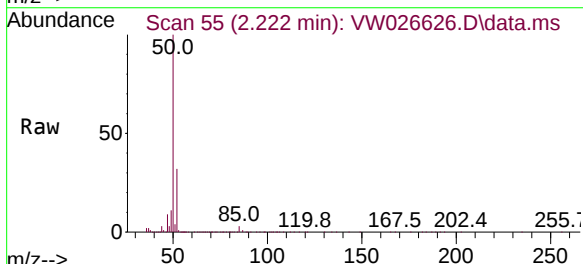
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 MSVOA_W
 ClientSampleId :
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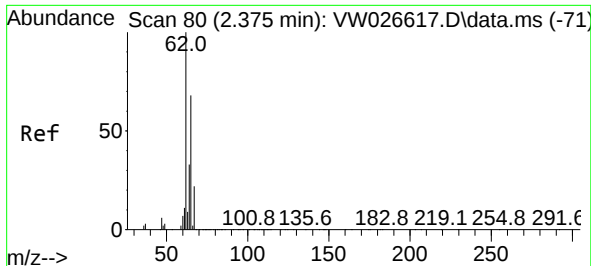
Tgt Ion: 85 Resp: 141987
 Ion Ratio Lower Upper
 85 100
 87 27.5 21.4 32.0



#3
 Chloromethane
 Concen: 22.487 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026626.D
 Acq: 19 Jul 2023 16:17

Tgt Ion: 50 Resp: 238960
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.5 41.7

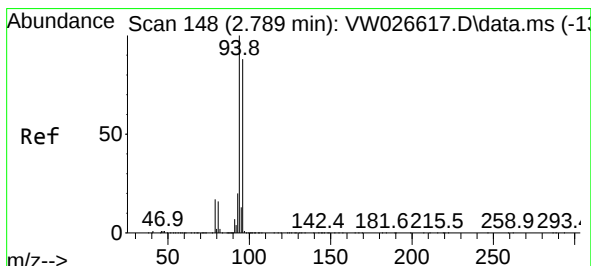
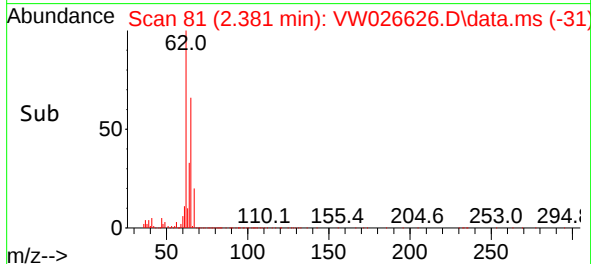
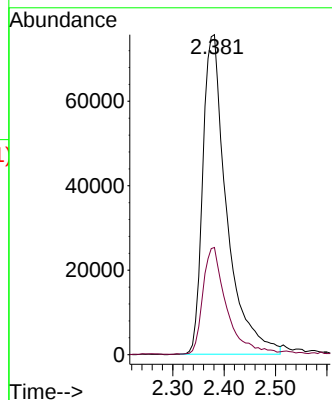
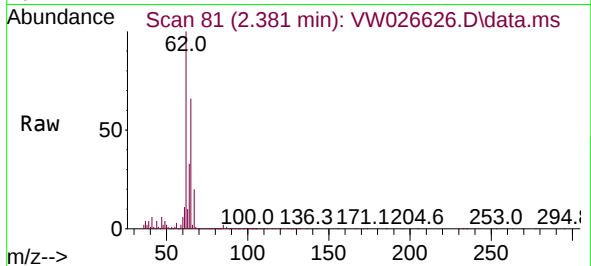




#5
 Vinyl chloride
 Concen: 21.809 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026626.D
 Acq: 19 Jul 2023 16:17

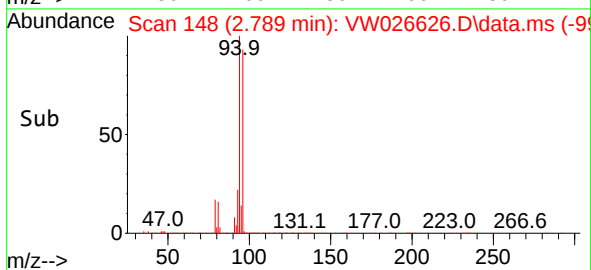
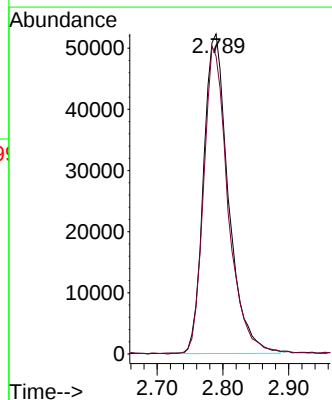
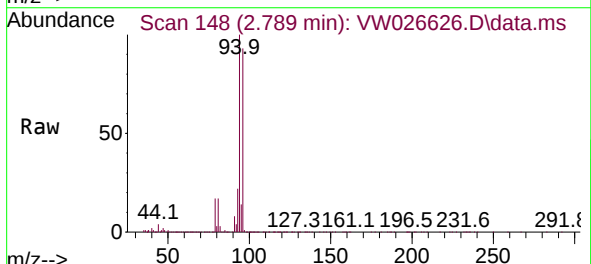
Instrument :
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 ClientSampleId :
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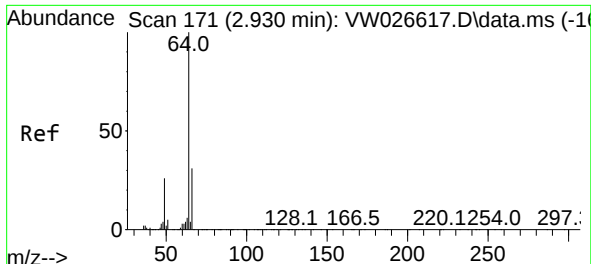
Tgt Ion: 62 Resp: 244244
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.2 45.0



#6
 Bromomethane
 Concen: 23.078 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026626.D
 Acq: 19 Jul 2023 16:17

Tgt Ion: 94 Resp: 137395
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.5 119.9

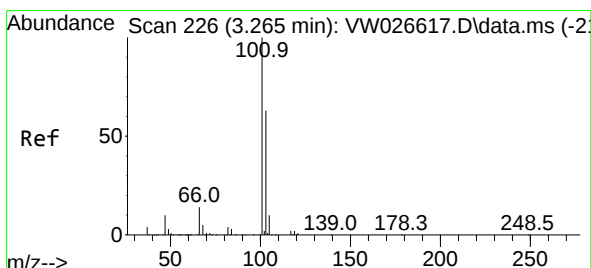
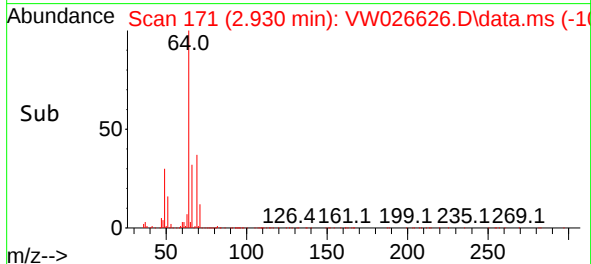
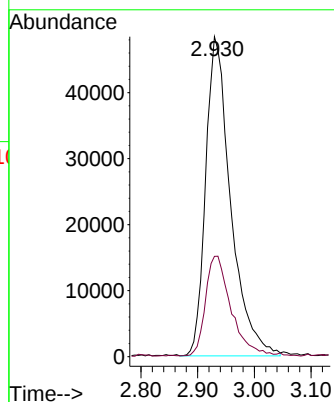
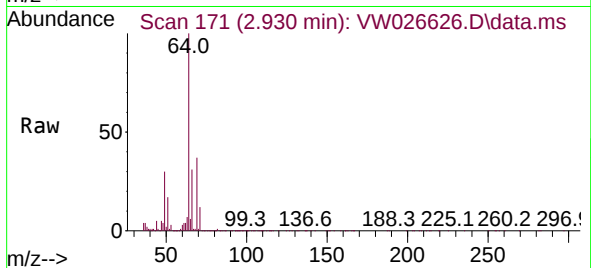




#8
Chloroethane
Concen: 23.645 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

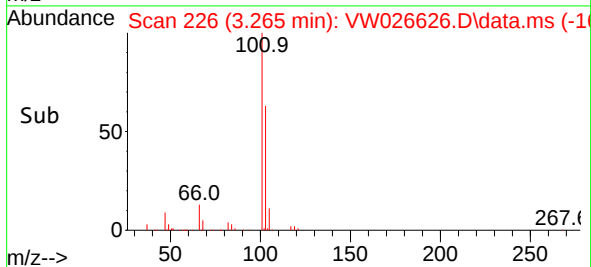
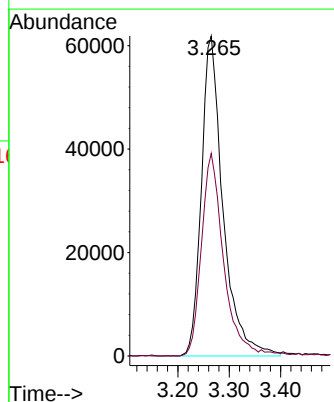
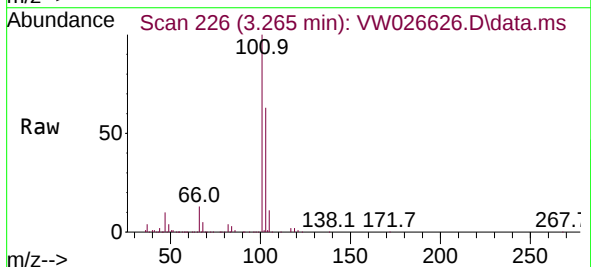
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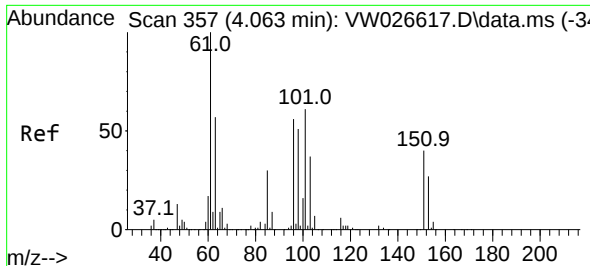
Tgt Ion: 64 Resp: 148073
Ion Ratio Lower Upper
64 100
66 31.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.779 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 101 Resp: 180653
Ion Ratio Lower Upper
101 100
103 63.8 50.3 75.5

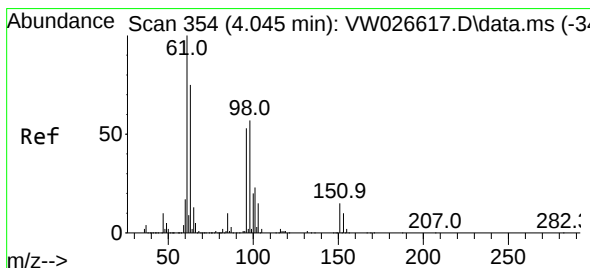
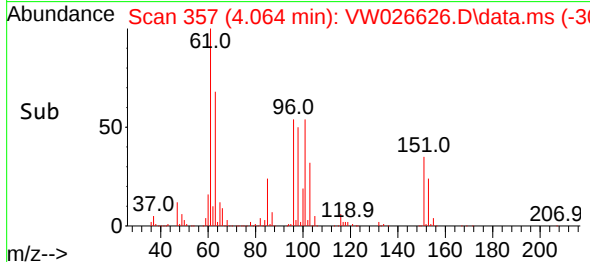
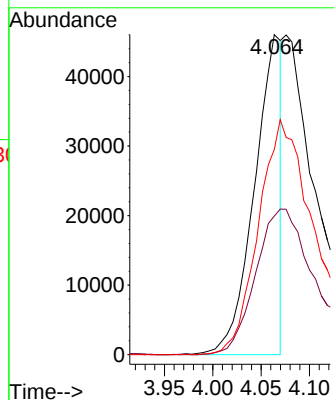
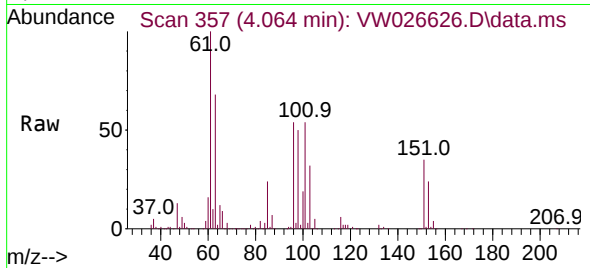




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.773 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. 0.000 min
 Lab File: VW026626.D
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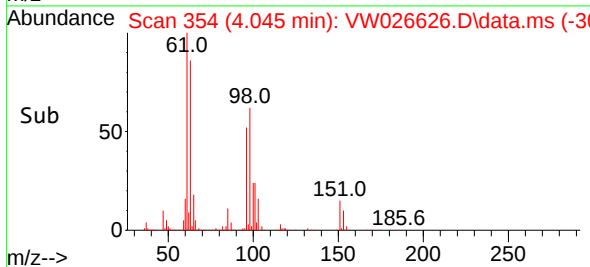
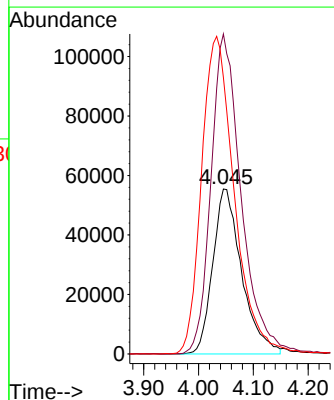
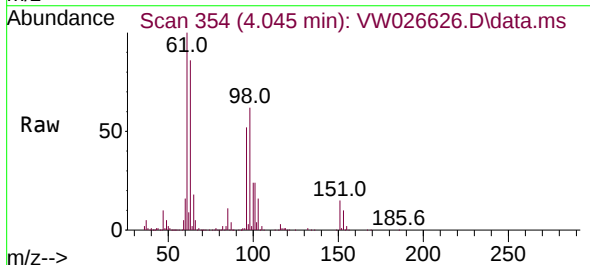
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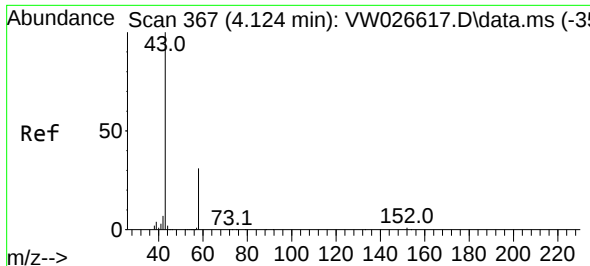
Tgt Ion:101 Resp: 89965
 Ion Ratio Lower Upper
 101 100
 85 100.9 36.1 54.1#
 151 156.6 55.9 83.9#



#12
 1,1-Dichloroethene
 Concen: 22.984 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026626.D
 Acq: 19 Jul 2023 16:17

Tgt Ion: 96 Resp: 203003
 Ion Ratio Lower Upper
 96 100
 61 194.1 140.8 261.4
 63 167.7 127.7 237.3

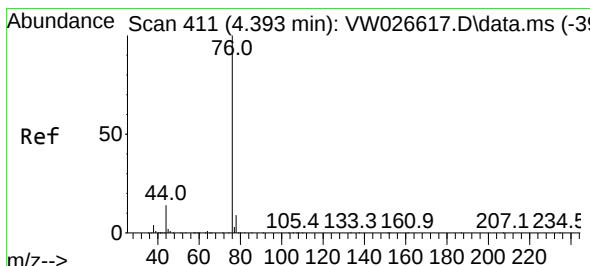
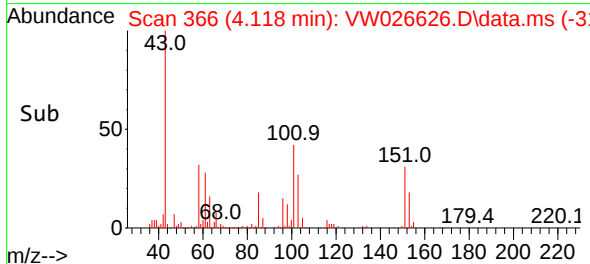
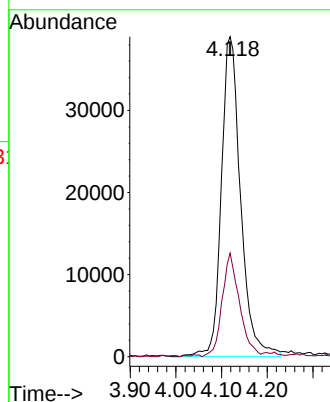
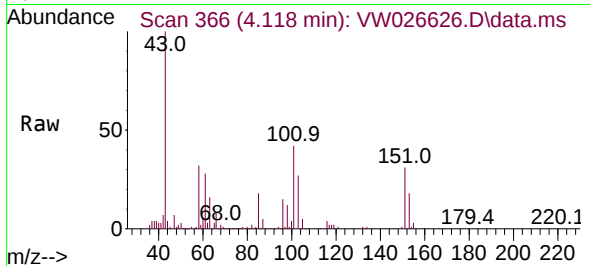




#13
Acetone
Concen: 44.253 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
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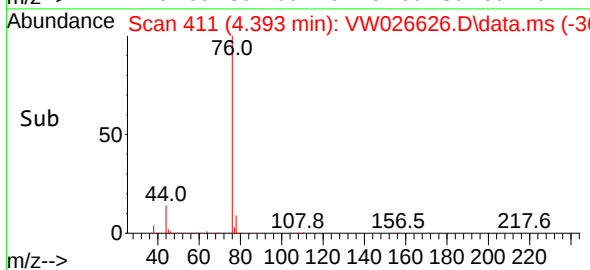
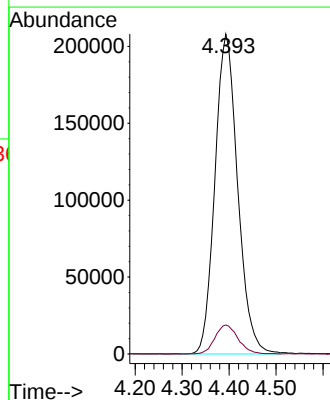
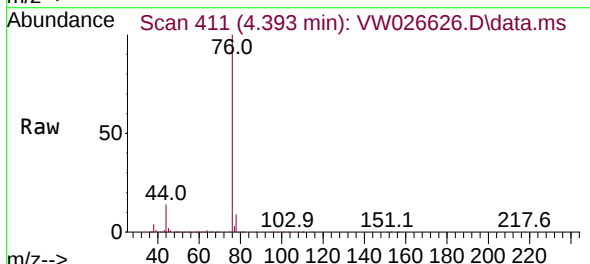
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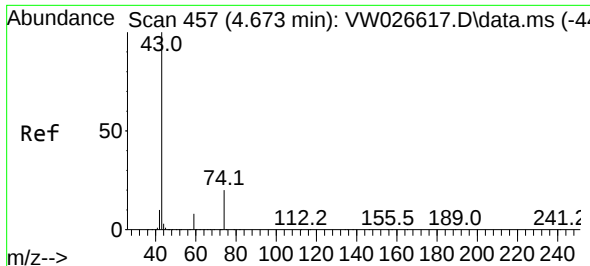
Tgt Ion: 43 Resp: 114411
Ion Ratio Lower Upper
43 100
58 29.0 0.0 63.2



#14
Carbon disulfide
Concen: 22.587 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 699340
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3

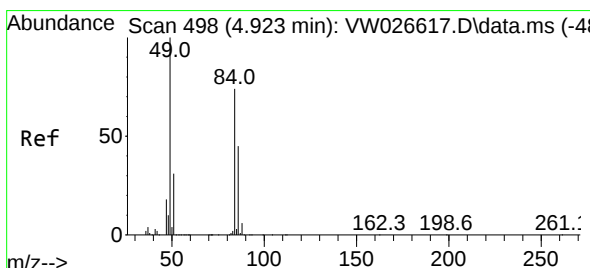
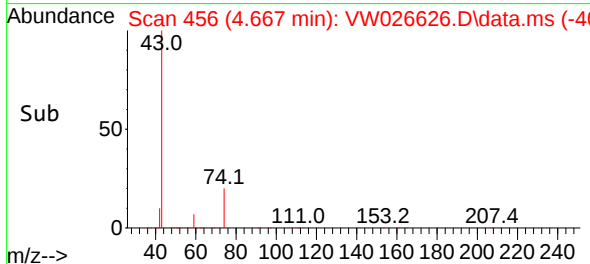
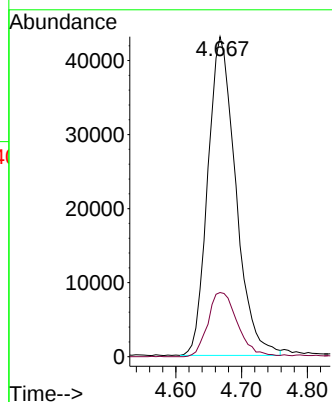
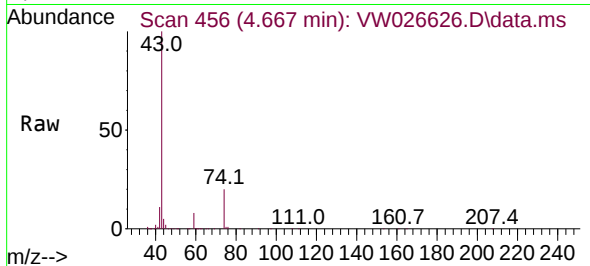




#15
Methyl Acetate
Concen: 20.466 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

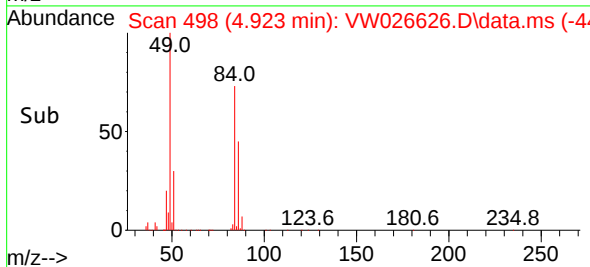
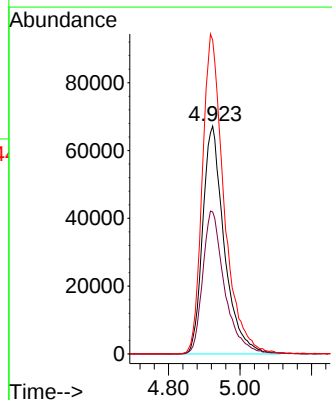
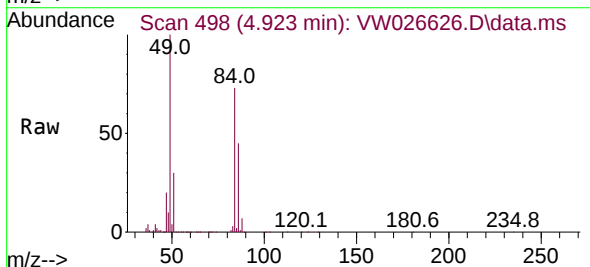
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

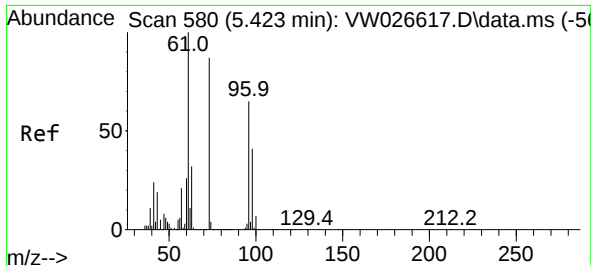
Tgt Ion: 43 Resp: 127128
Ion Ratio Lower Upper
43 100
74 21.4 16.3 24.5



#16
Methylene chloride
Concen: 24.166 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 84 Resp: 281475
Ion Ratio Lower Upper
84 100
86 62.4 43.8 81.3
49 137.8 99.2 184.2

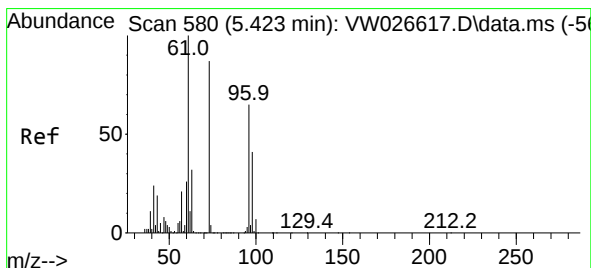
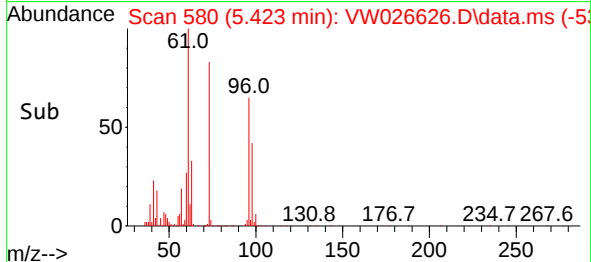
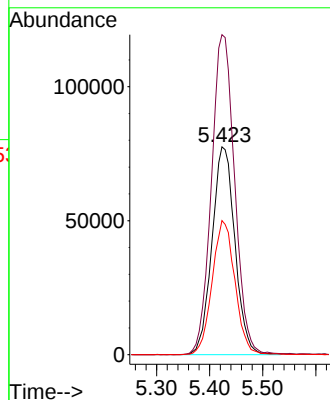
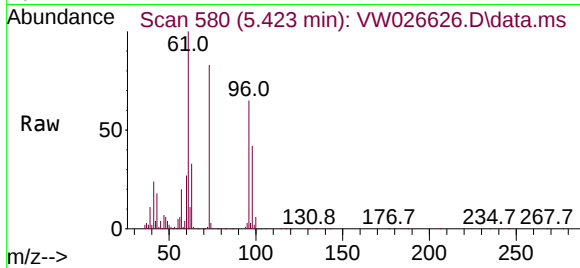




#17
trans-1,2-Dichloroethene
Concen: 24.656 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

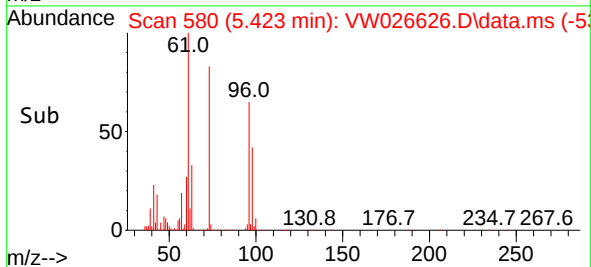
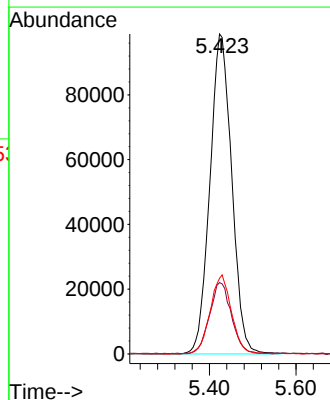
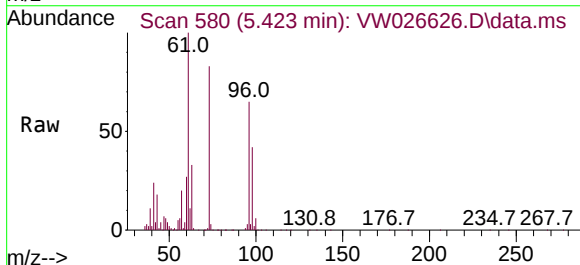
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

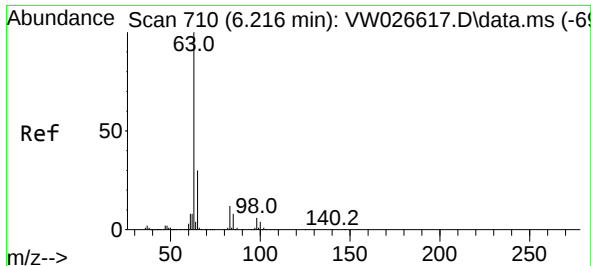
Tgt Ion: 96 Resp: 232849
Ion Ratio Lower Upper
96 100
61 154.0 108.1 200.9
98 64.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 23.417 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 73 Resp: 346107
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.2
57 23.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.756 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

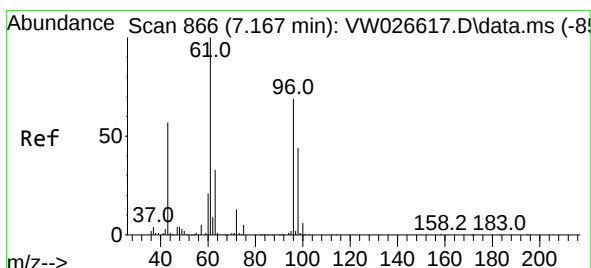
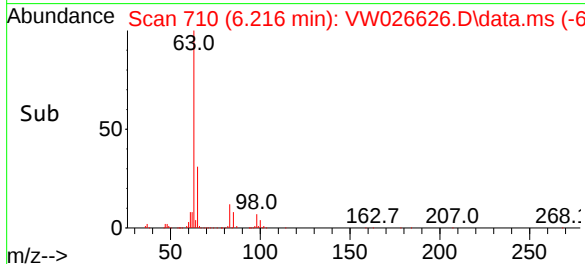
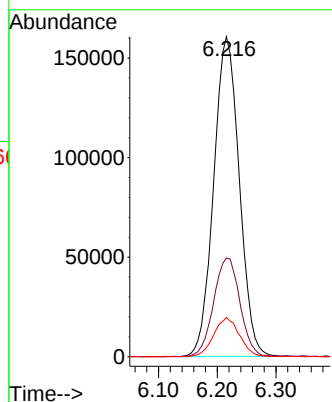
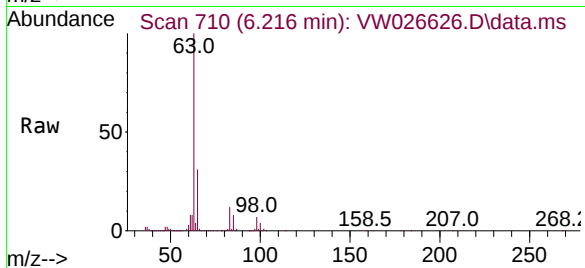
Tgt Ion: 63 Resp: 486308

Ion Ratio Lower Upper

63 100

65 30.8 22.3 41.5

83 12.3 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 25.872 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

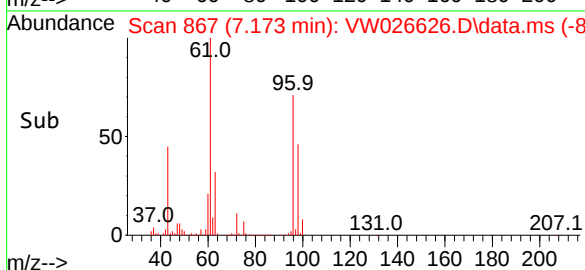
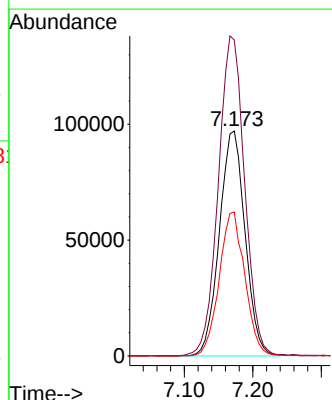
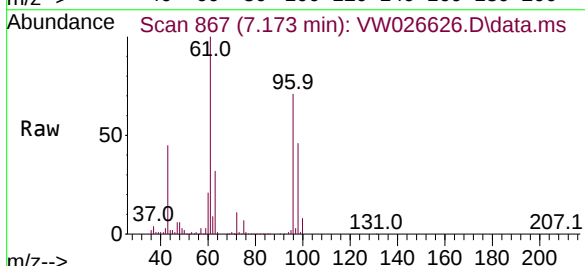
Tgt Ion: 96 Resp: 253009

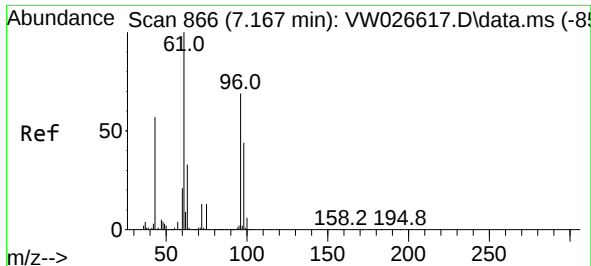
Ion Ratio Lower Upper

96 100

61 140.4 98.8 183.6

98 64.0 42.4 78.6

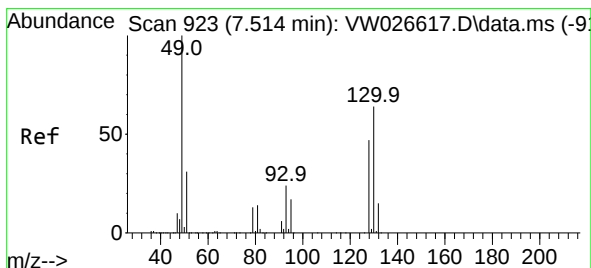
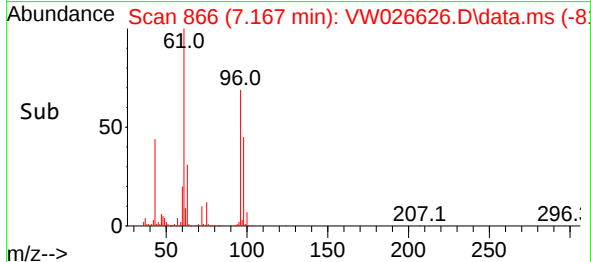
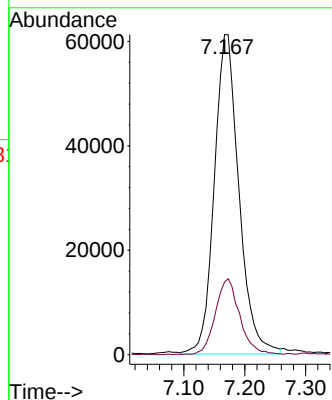
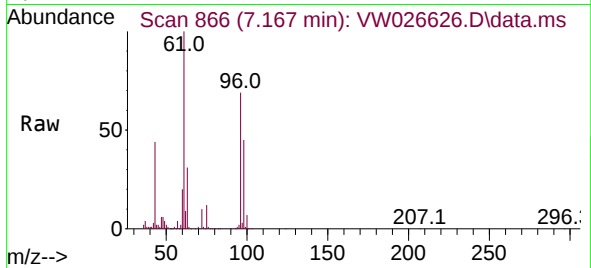




#22
2-Butanone
Concen: 43.640 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

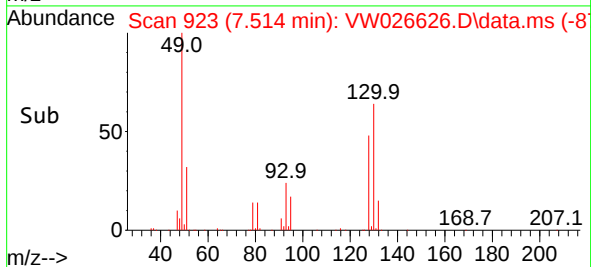
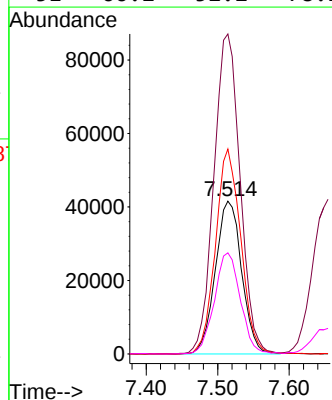
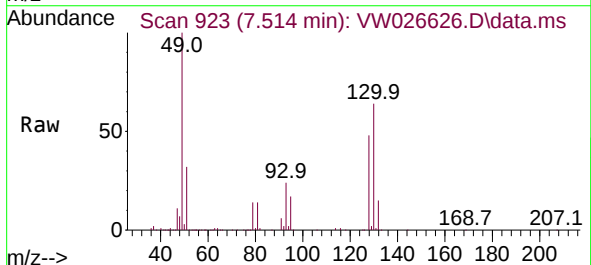
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

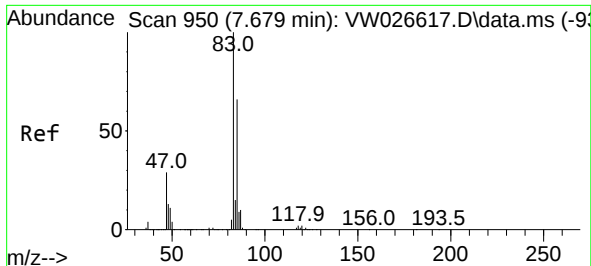
Tgt Ion: 43 Resp: 171814
Ion Ratio Lower Upper
43 100
72 23.1 11.9 35.5



#23
Bromochloromethane
Concen: 25.388 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 128 Resp: 106348
Ion Ratio Lower Upper
128 100
49 209.3 142.1 263.9
130 134.1 92.9 172.5
51 66.2 52.2 78.2

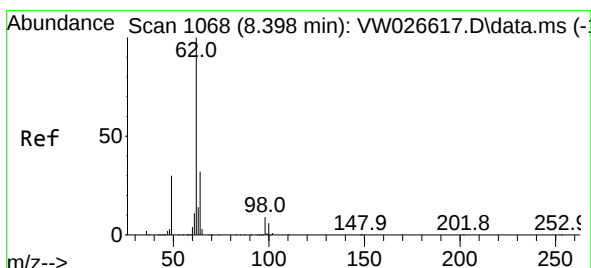
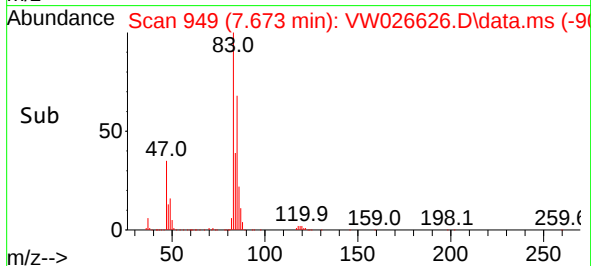
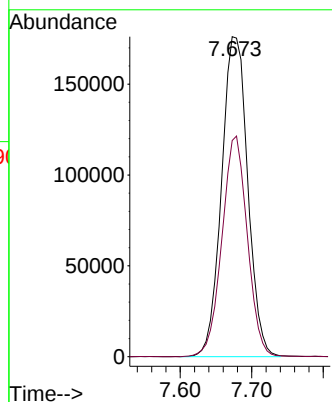
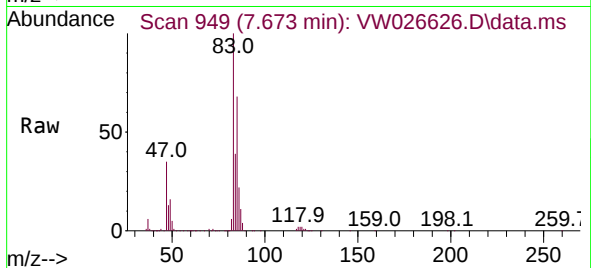




#25
Chloroform
Concen: 25.857 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

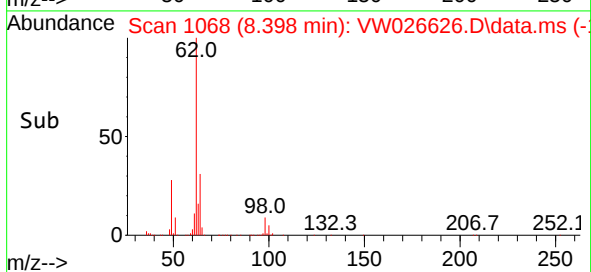
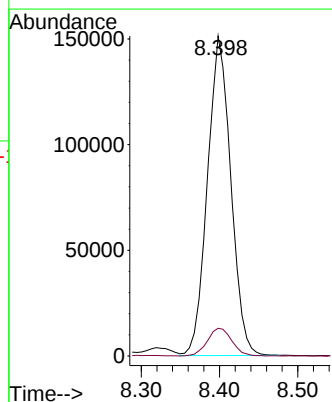
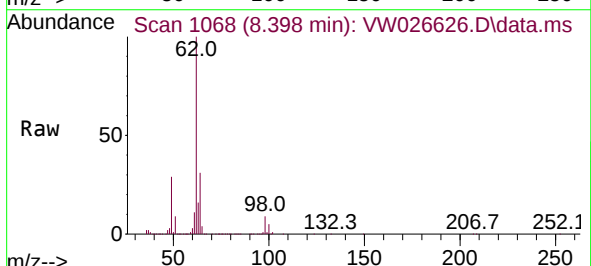
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

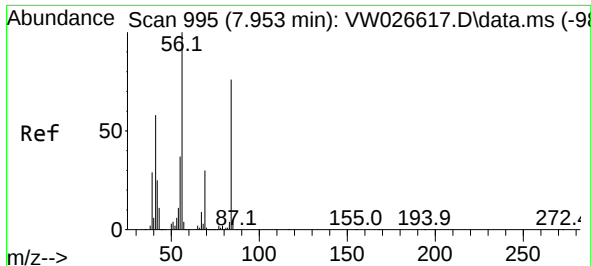
Tgt Ion: 83 Resp: 447311
Ion Ratio Lower Upper
83 100
85 67.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 25.715 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 62 Resp: 313168
Ion Ratio Lower Upper
62 100
98 8.7 6.7 10.1





#29

Cyclohexane

Concen: 23.323 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

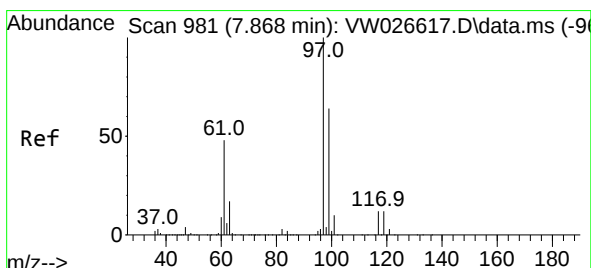
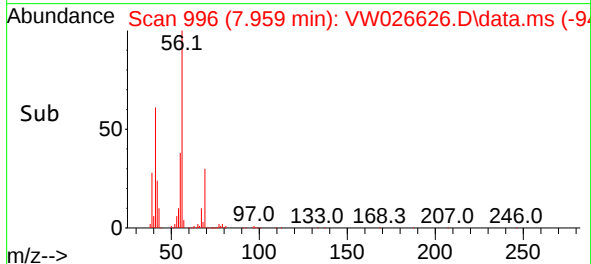
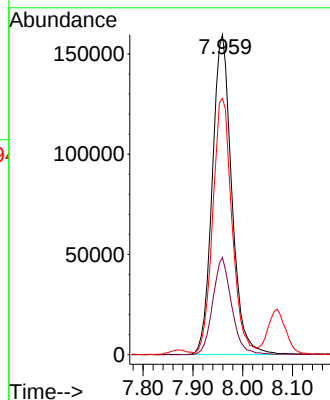
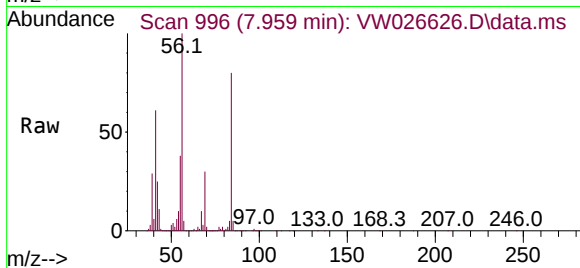
Tgt Ion: 56 Resp: 432411

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.0

84 79.4 62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 24.278 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

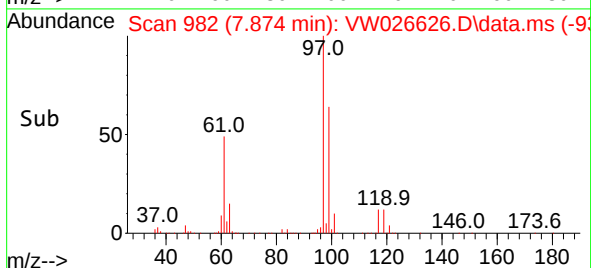
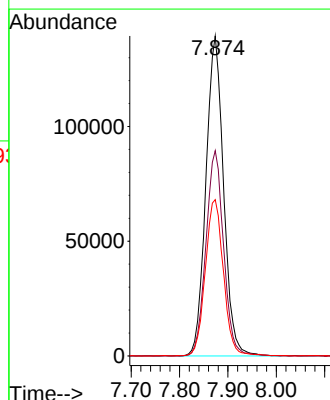
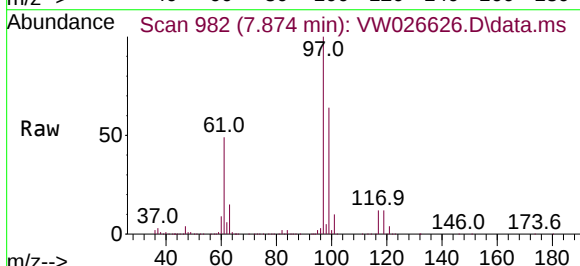
Tgt Ion: 97 Resp: 354337

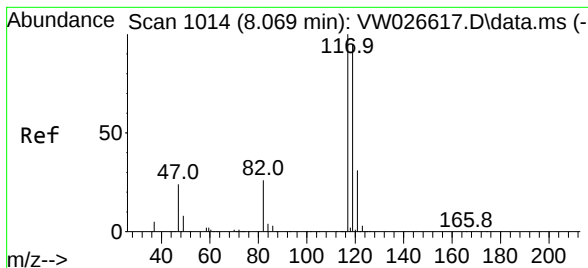
Ion Ratio Lower Upper

97 100

99 64.3 49.9 74.9

61 49.8 39.8 59.8

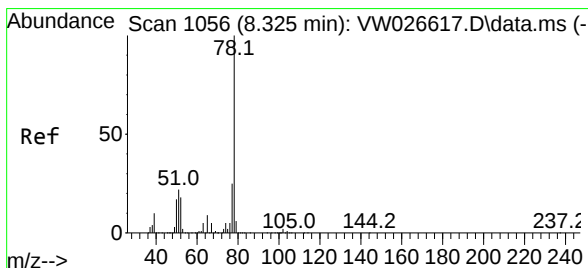
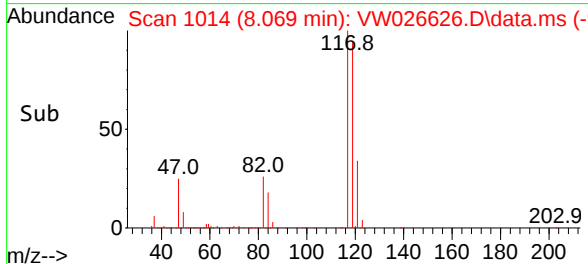
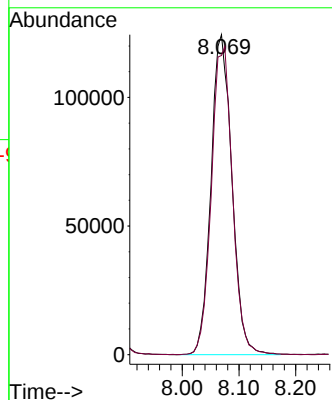
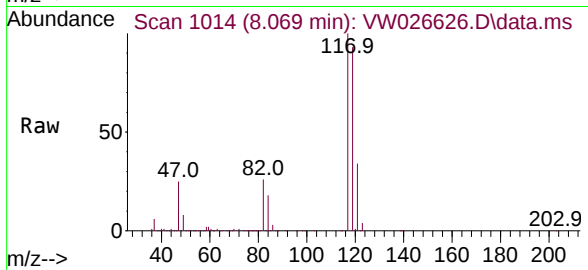




#31
Carbon tetrachloride
Concen: 24.075 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

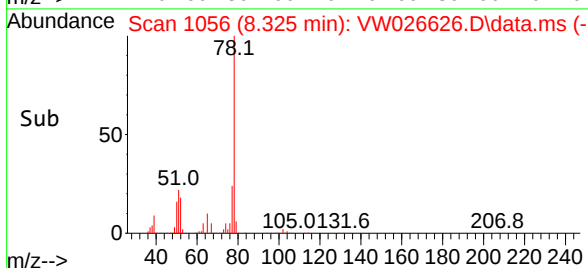
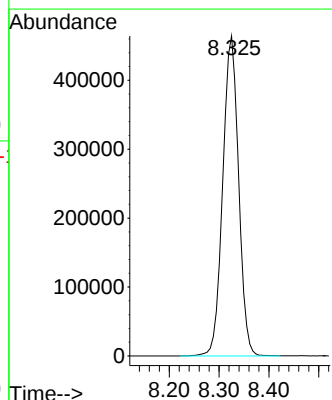
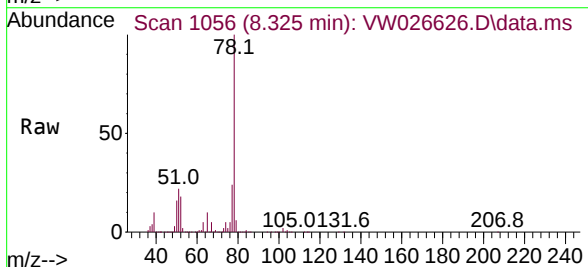
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

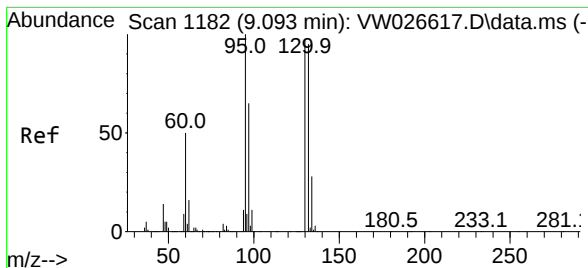
Tgt Ion:117 Resp: 318959
Ion Ratio Lower Upper
117 100
119 97.0 77.1 115.7



#33
Benzene
Concen: 25.000 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 78 Resp: 1025746





#34

Trichloroethene

Concen: 24.312 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

Tgt Ion: 95 Resp: 256233

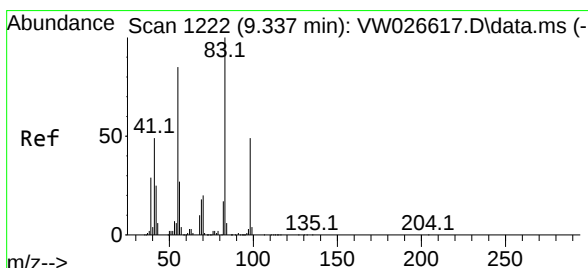
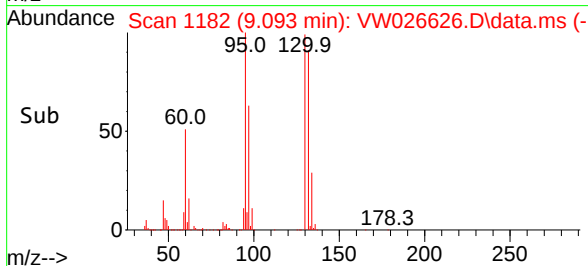
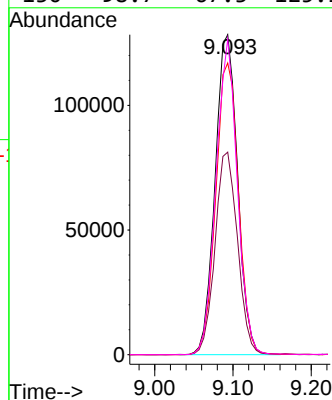
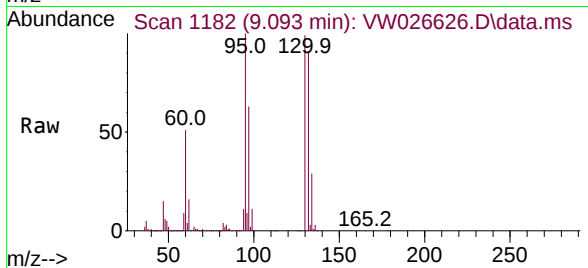
Ion Ratio Lower Upper

95 100

97 63.3 47.9 88.9

132 91.1 65.0 120.8

130 98.7 67.3 125.1



#35

Methylcyclohexane

Concen: 23.765 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

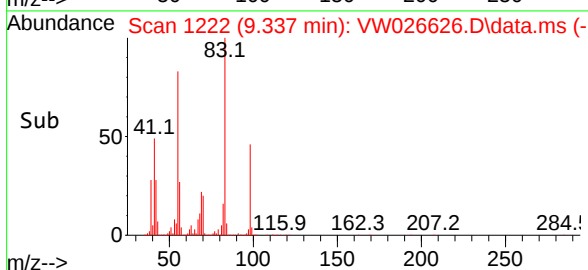
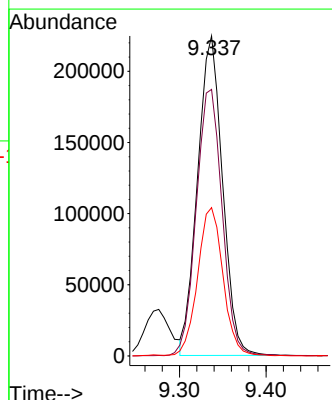
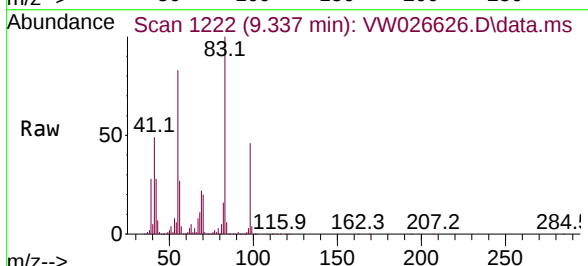
Tgt Ion: 83 Resp: 449732

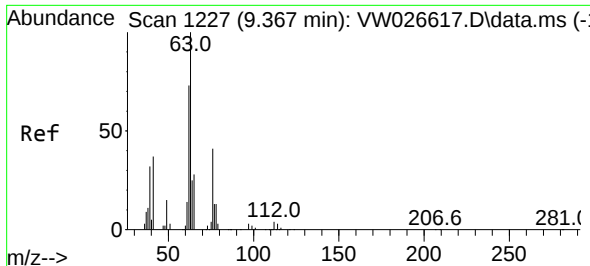
Ion Ratio Lower Upper

83 100

55 86.8 68.7 103.1

98 47.4 37.3 55.9





#37

1,2-Dichloropropane

Concen: 25.367 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

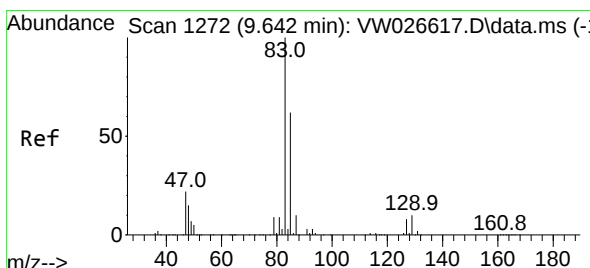
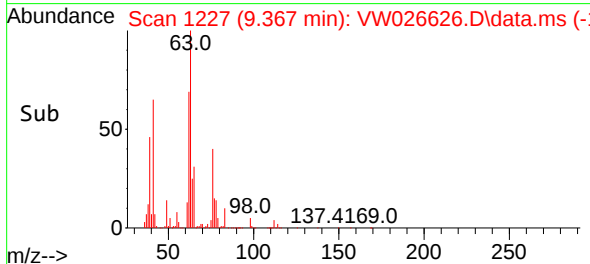
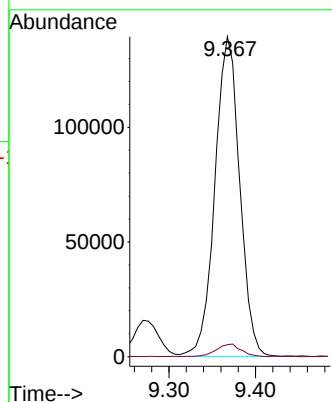
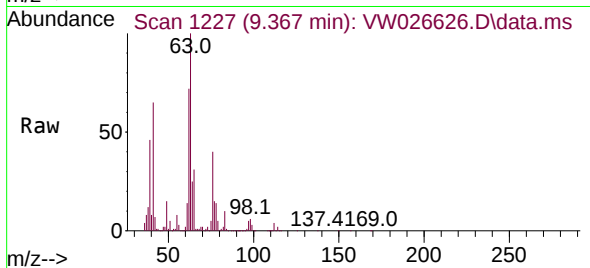
VSTD025564

Tgt Ion: 63 Resp: 276396

Ion Ratio Lower Upper

63 100

112 3.9 3.4 5.2



#38

Bromodichloromethane

Concen: 25.095 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

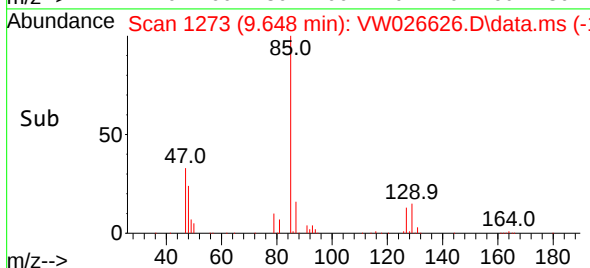
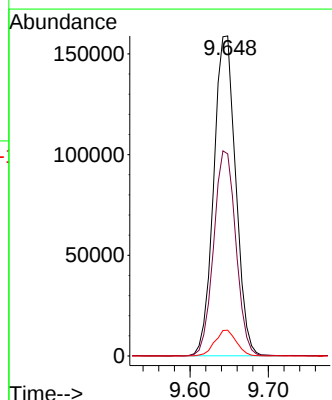
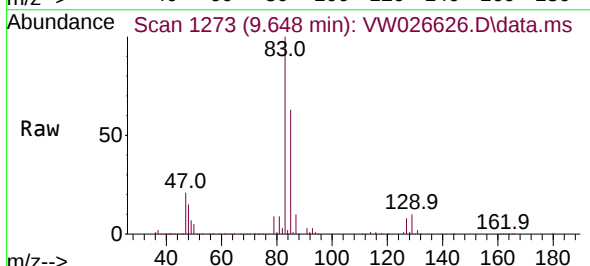
Tgt Ion: 83 Resp: 310655

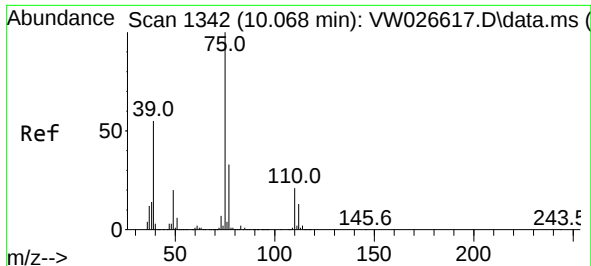
Ion Ratio Lower Upper

83 100

85 63.2 43.3 80.3

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.138 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

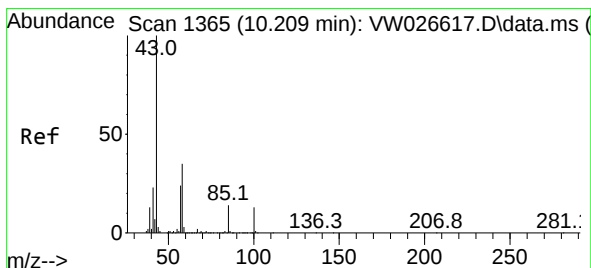
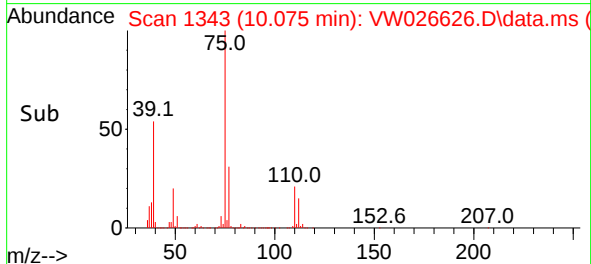
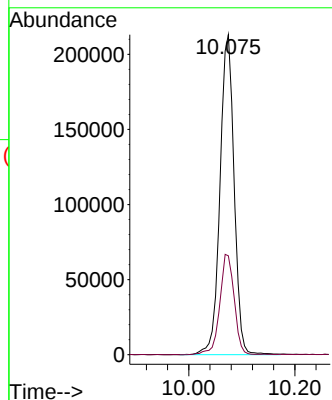
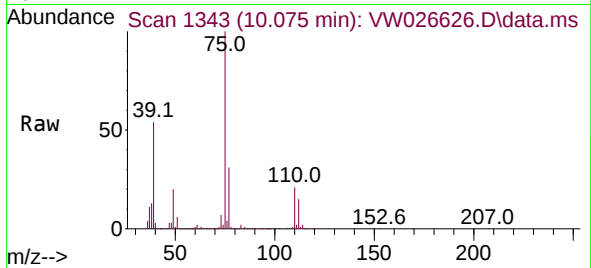
VSTD025564

Tgt Ion: 75 Resp: 394330

Ion Ratio Lower Upper

75 100

77 30.9 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 41.993 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

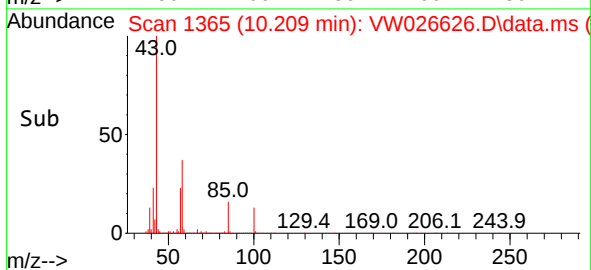
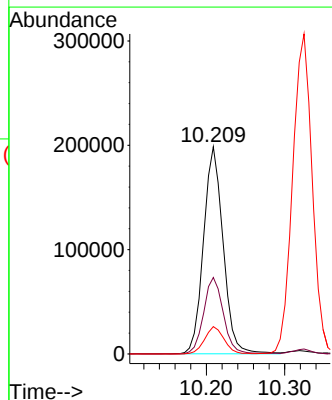
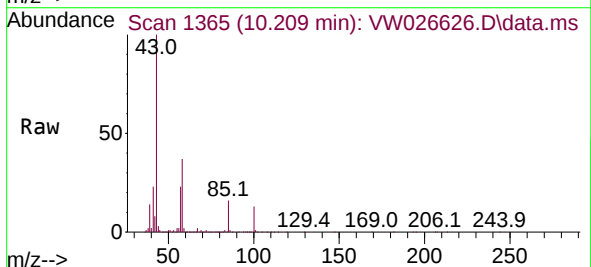
Tgt Ion: 43 Resp: 345346

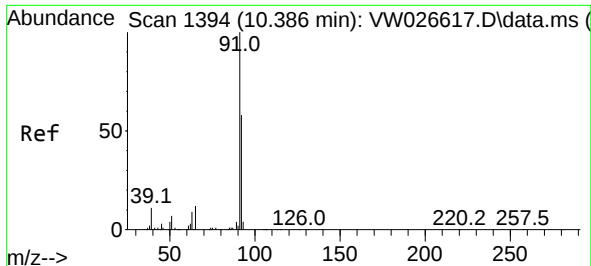
Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.8

100 13.1 10.7 16.1

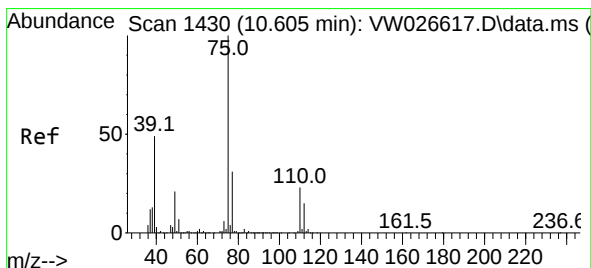
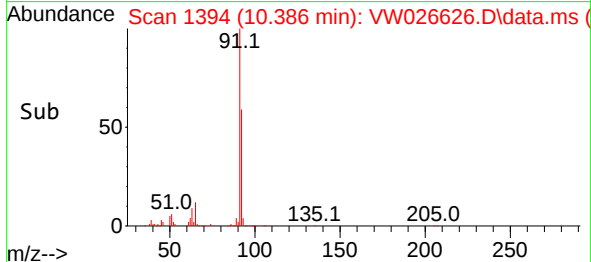
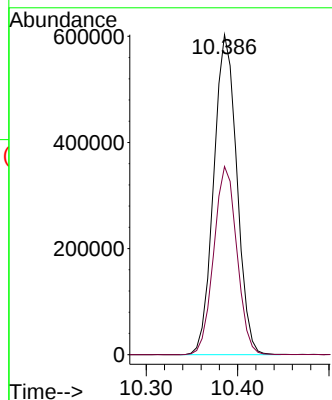
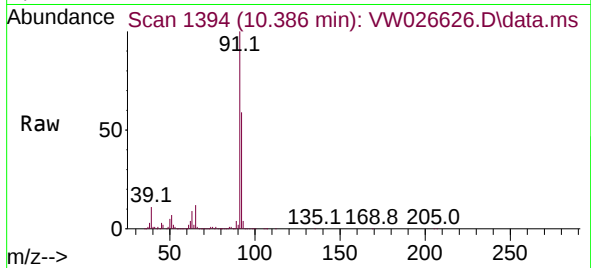




#42
Toluene
Concen: 25.552 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

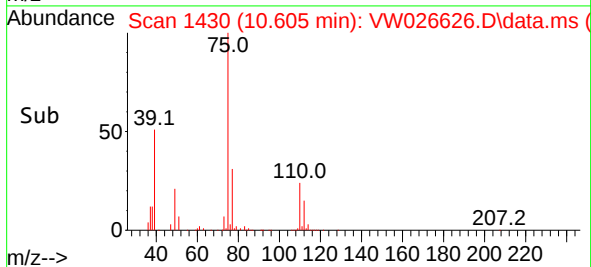
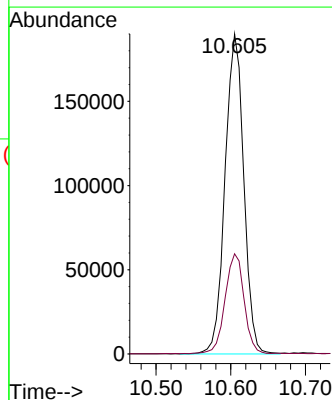
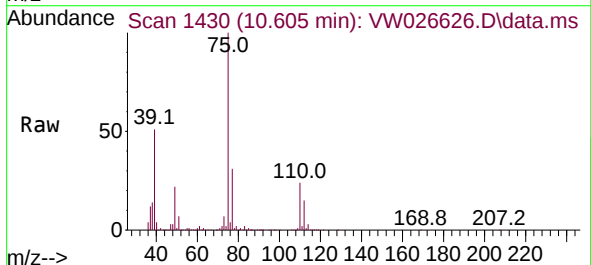
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

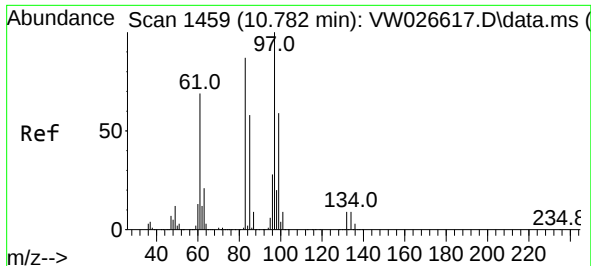
Tgt Ion: 91 Resp: 1058716
Ion Ratio Lower Upper
91 100
92 58.8 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 25.082 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 75 Resp: 331840
Ion Ratio Lower Upper
75 100
77 31.3 23.0 42.6

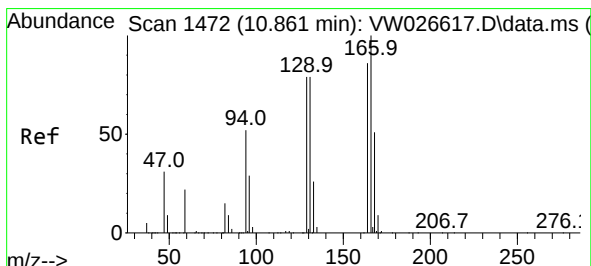
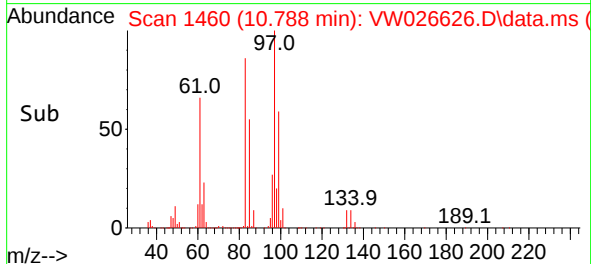
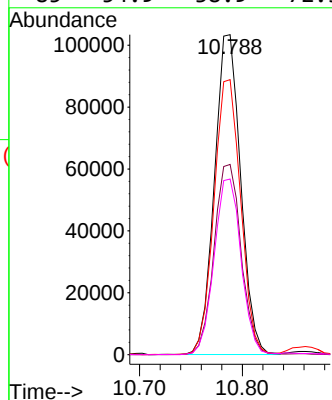
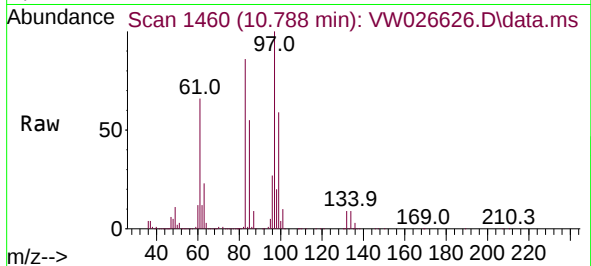




#45
1,1,2-Trichloroethane
Concen: 24.106 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

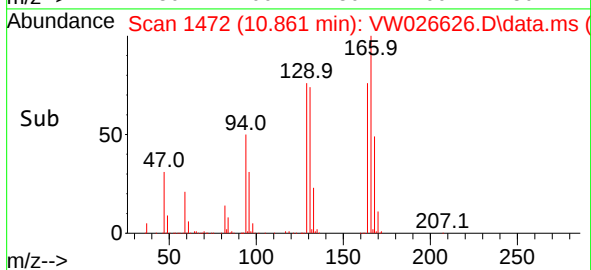
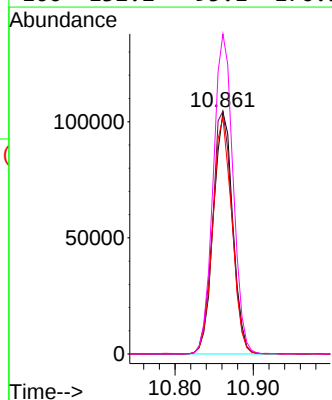
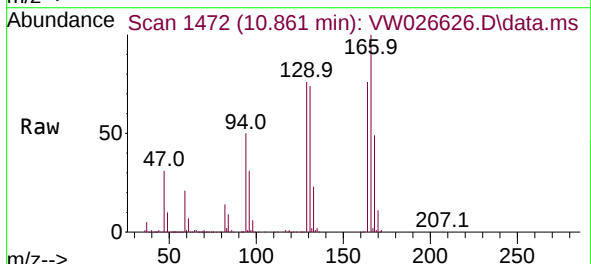
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

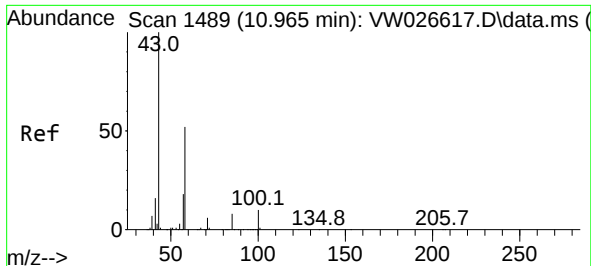
Tgt Ion: 97	Resp: 183315
Ion Ratio	Lower Upper
97 100	
99 59.4	40.5 75.3
83 85.9	61.0 113.2
85 54.9	38.9 72.3



#46
Tetrachloroethene
Concen: 23.945 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt	Ion:164	Resp:	179160
Ion	Ratio	Lower	Upper
164	100		
129	100.3	75.5	140.1
131	97.7	74.8	138.8
166	132.2	95.1	176.5

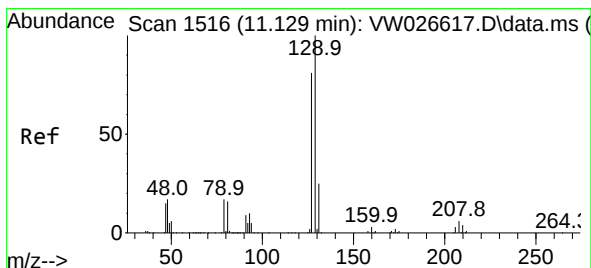
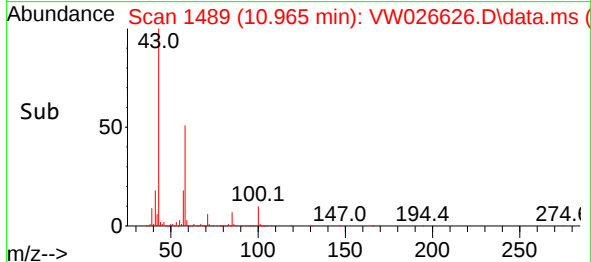
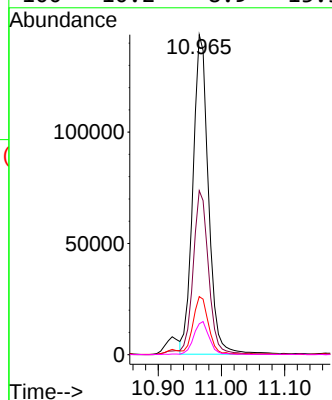
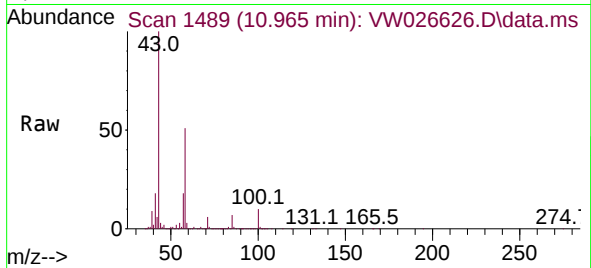




#48
2-Hexanone
Concen: 42.891 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

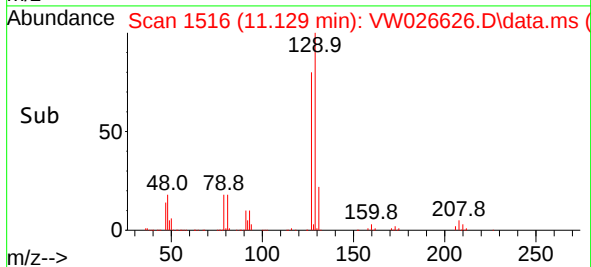
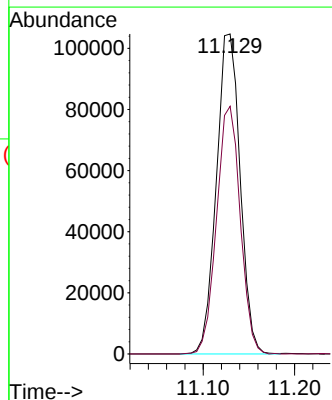
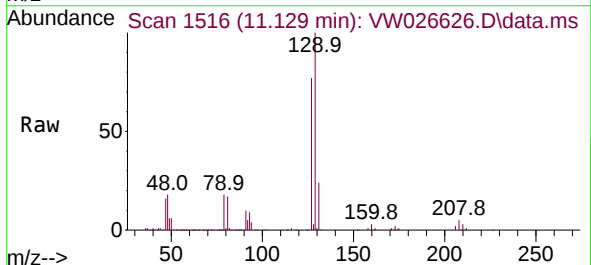
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

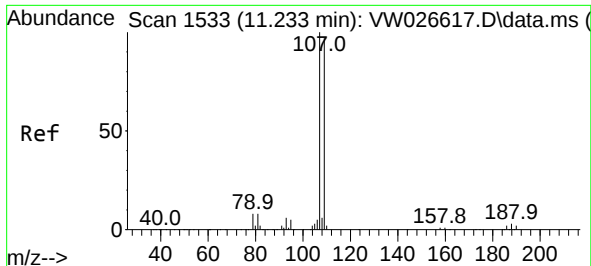
Tgt Ion: 43 Resp: 246161
Ion Ratio Lower Upper
43 100
58 49.3 42.1 63.1
57 18.1 14.8 22.2
100 10.2 8.9 13.3



#49
Dibromochloromethane
Concen: 25.151 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion: 129 Resp: 189381
Ion Ratio Lower Upper
129 100
127 77.4 51.2 95.2





#50

1,2-Dibromoethane

Concen: 23.416 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

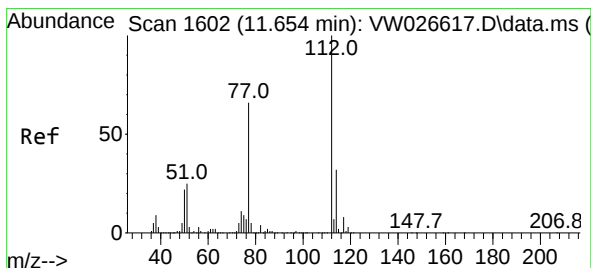
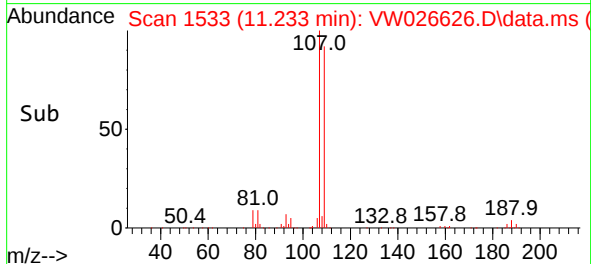
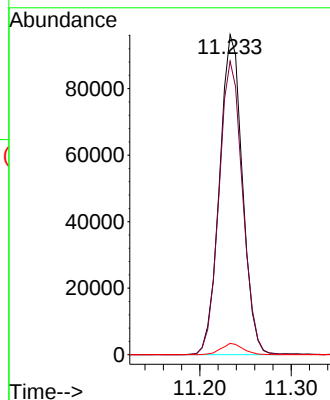
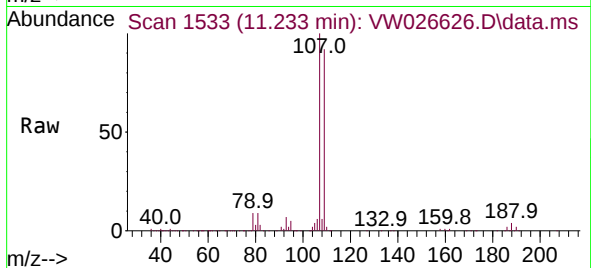
Tgt Ion:107 Resp: 167858

Ion Ratio Lower Upper

107 100

109 91.7 62.9 116.7

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 25.395 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

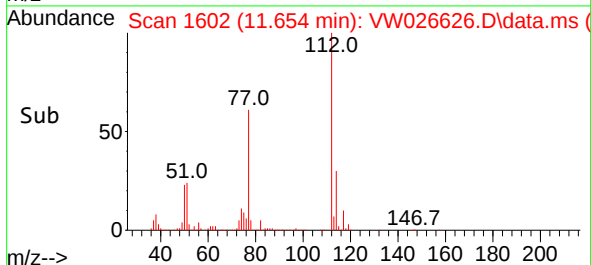
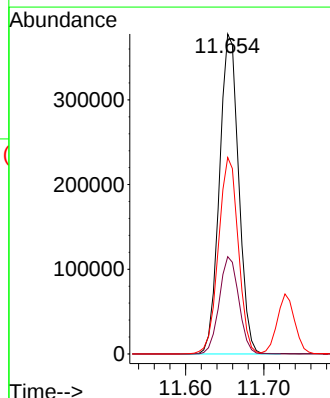
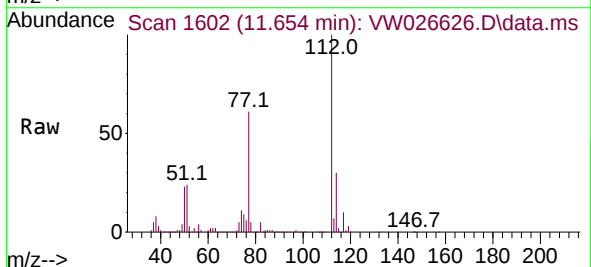
Tgt Ion:112 Resp: 645149

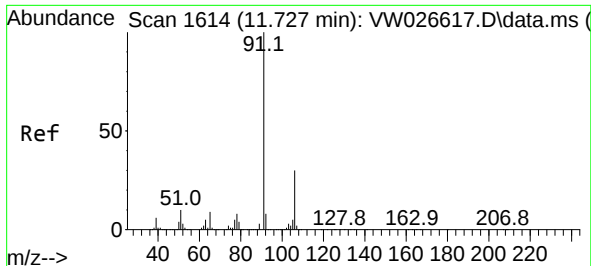
Ion Ratio Lower Upper

112 100

114 30.4 21.6 40.2

77 61.4 50.3 75.5

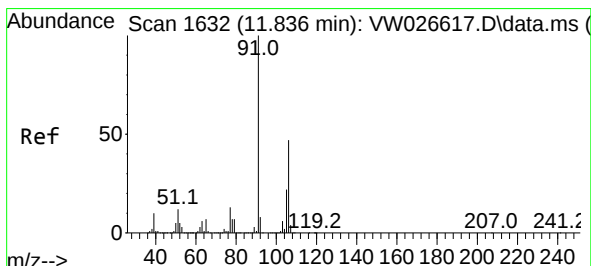
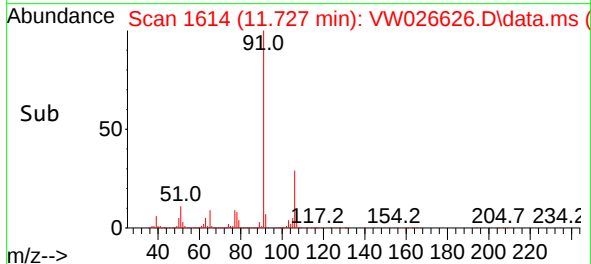
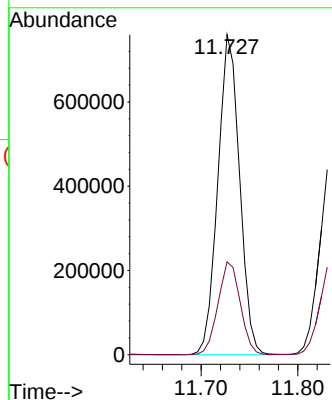
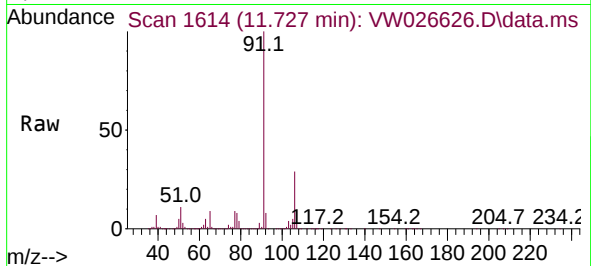




#52
Ethylbenzene
Concen: 25.668 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

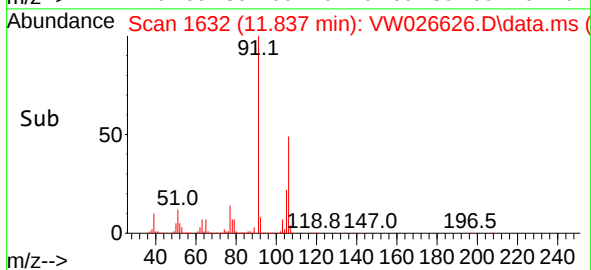
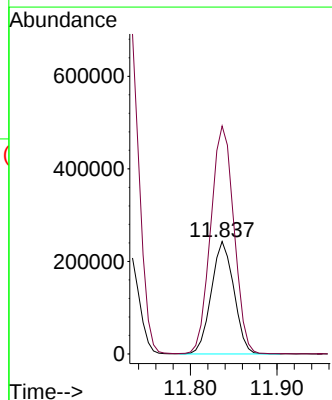
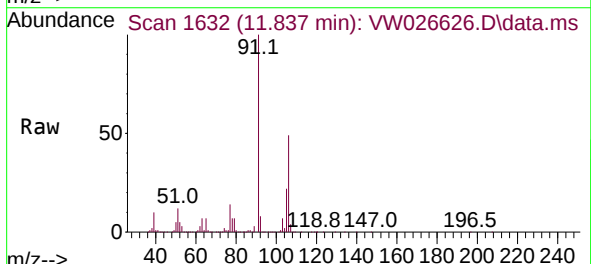
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

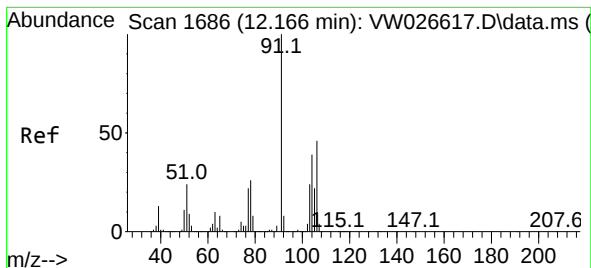
Tgt Ion: 91 Resp: 1184038
Ion Ratio Lower Upper
91 100
106 29.0 20.8 38.6



#53
m,p-Xylene
Concen: 26.235 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion:106 Resp: 440279
Ion Ratio Lower Upper
106 100
91 202.7 150.3 279.1

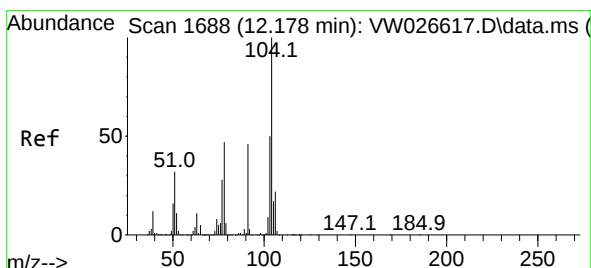
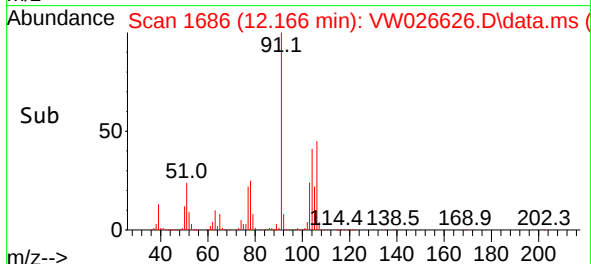
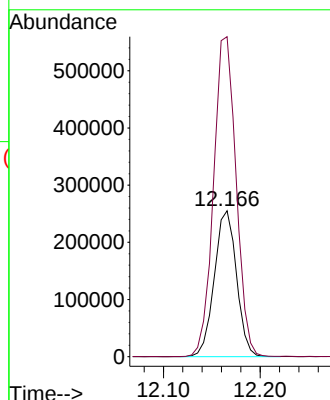
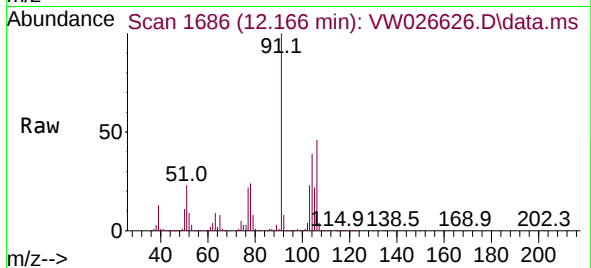




#54
o-Xylene
Concen: 25.775 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

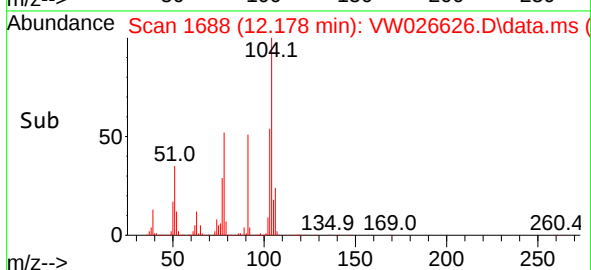
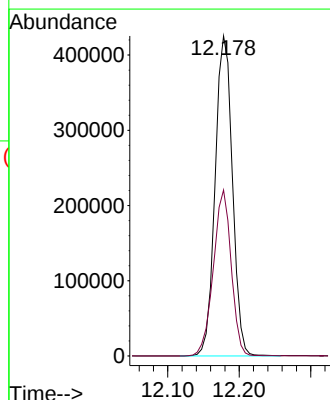
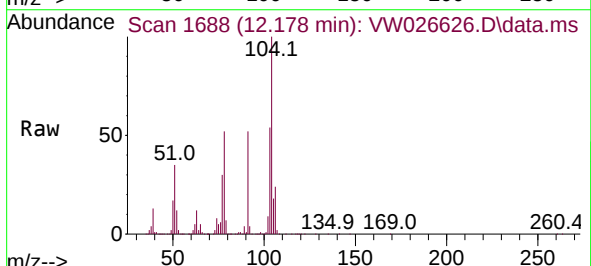
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

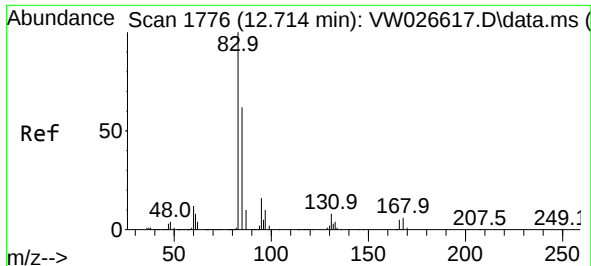
Tgt Ion:106 Resp: 406002
Ion Ratio Lower Upper
106 100
91 219.3 154.3 286.5



#55
Styrene
Concen: 26.882 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion:104 Resp: 714228
Ion Ratio Lower Upper
104 100
78 51.8 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 22.802 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

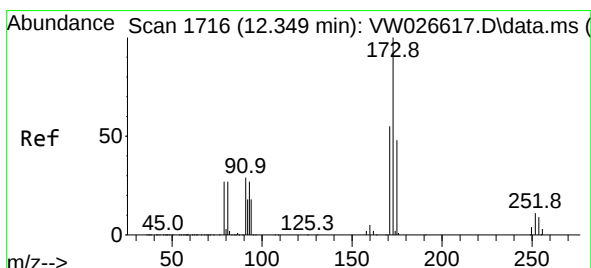
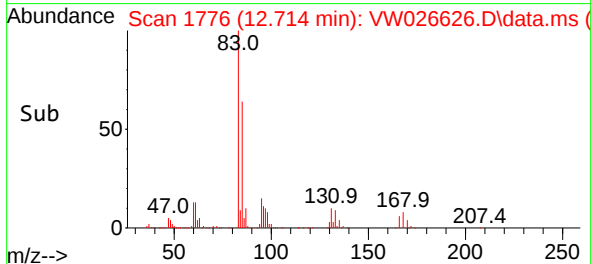
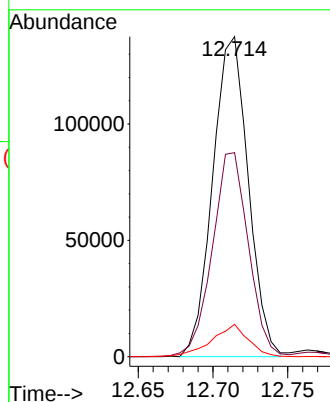
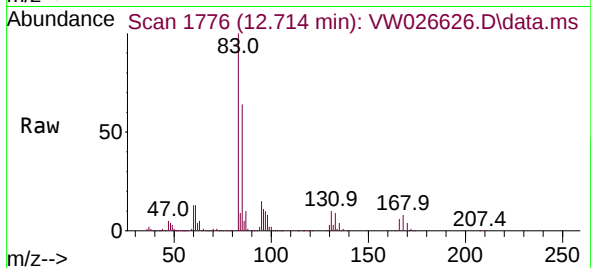
Tgt Ion: 83 Resp: 227564

Ion Ratio Lower Upper

83 100

85 63.7 46.2 85.8

131 10.1 7.2 10.8



#59

Bromoform

Concen: 22.963 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

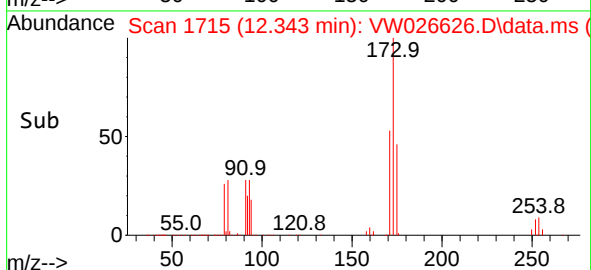
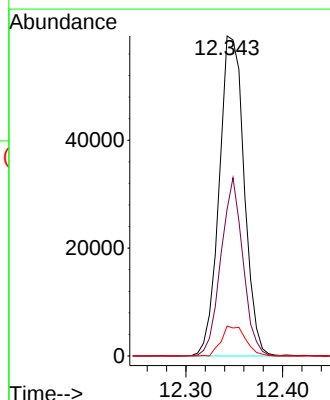
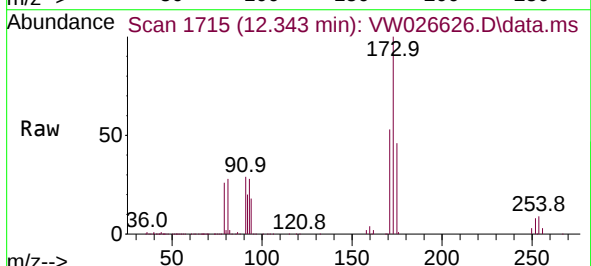
Tgt Ion:173 Resp: 106121

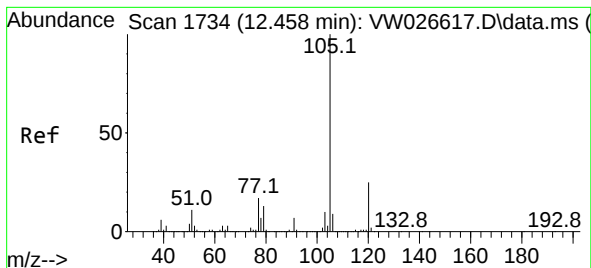
Ion Ratio Lower Upper

173 100

175 49.1 36.6 54.8

254 9.1 7.8 11.6





#60

Isopropylbenzene

Concen: 25.420 ug/L

RT: 12.458 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

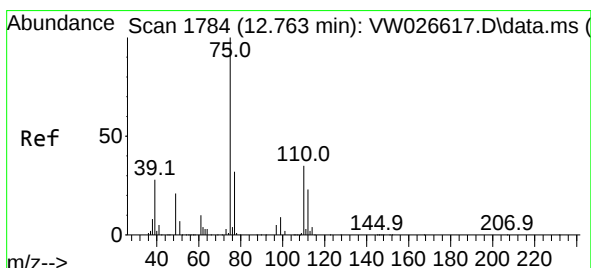
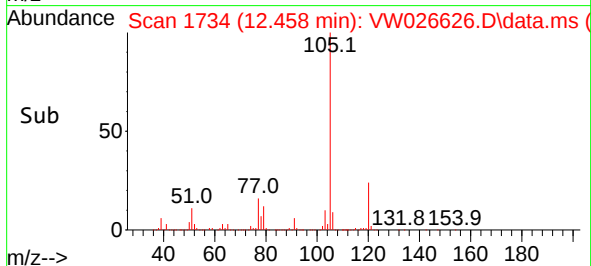
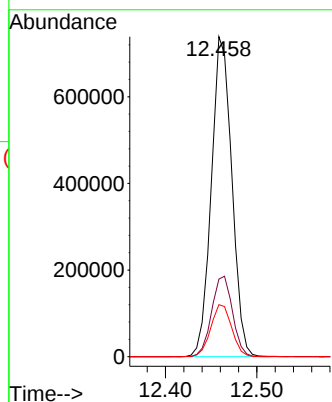
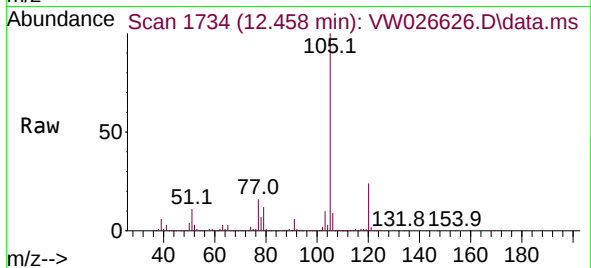
Tgt Ion:105 Resp: 1149223

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.5 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.079 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

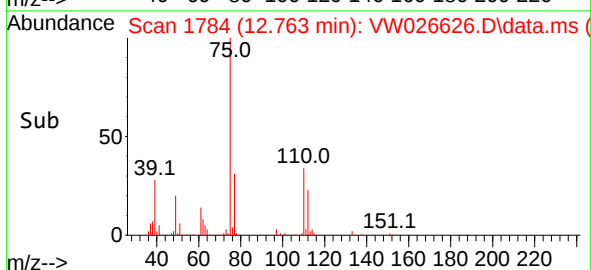
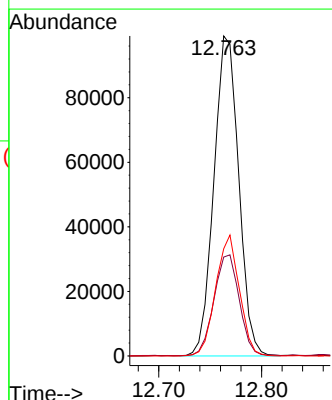
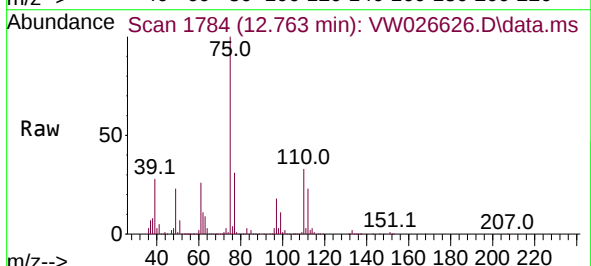
Tgt Ion: 75 Resp: 166358

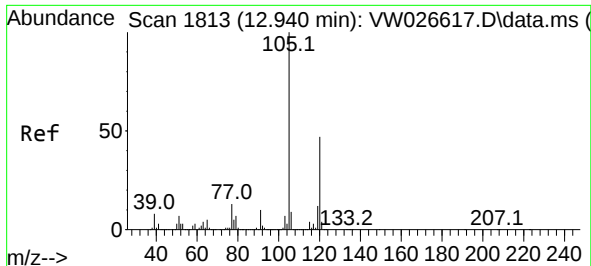
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

110 36.0 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 26.849 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

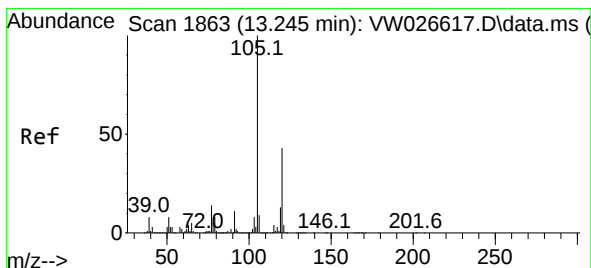
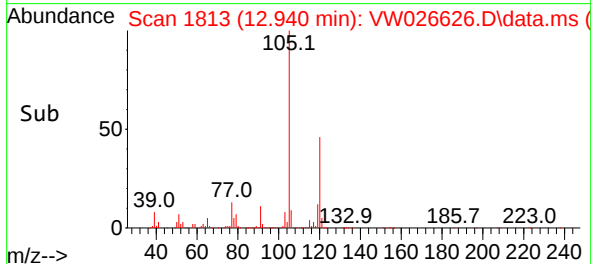
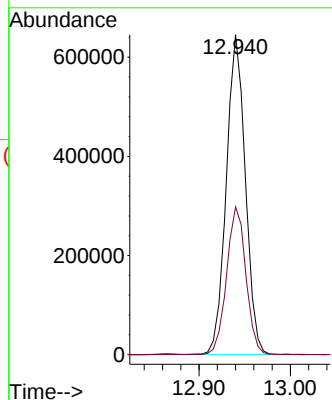
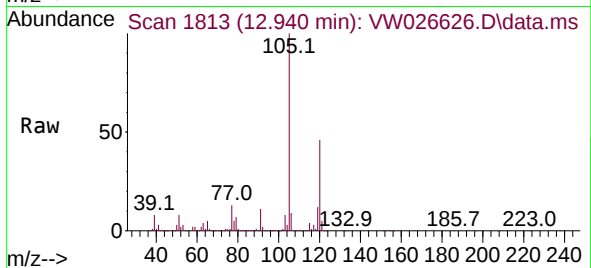
VSTD025564

Tgt Ion:105 Resp: 931009

Ion Ratio Lower Upper

105 100

120 47.0 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 26.632 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026626.D

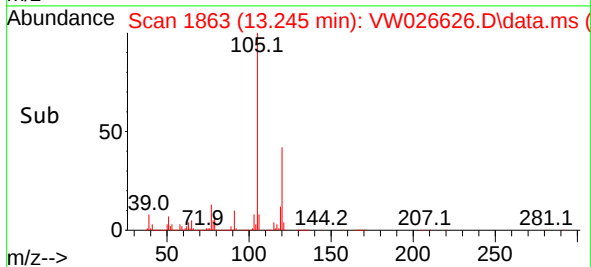
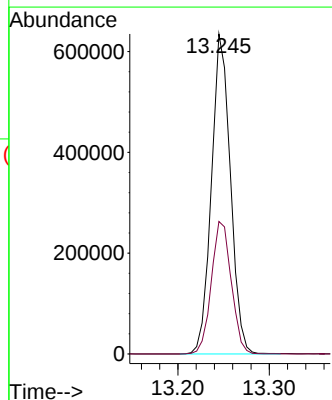
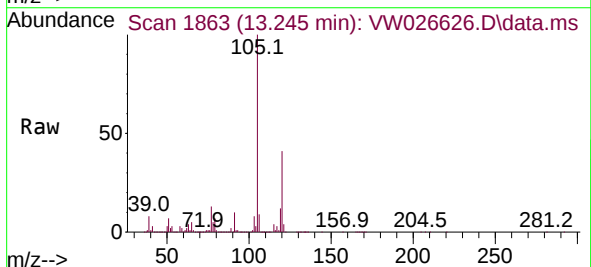
Acq: 19 Jul 2023 16:17

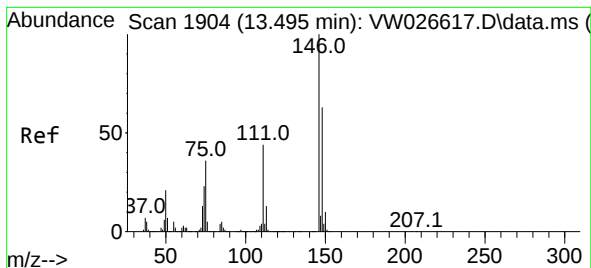
Tgt Ion:105 Resp: 915574

Ion Ratio Lower Upper

105 100

120 43.4 35.2 52.8

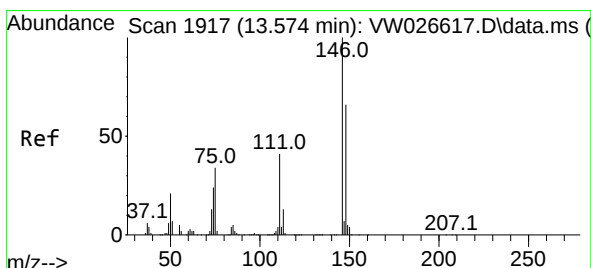
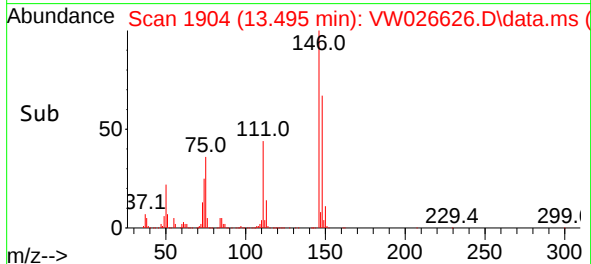
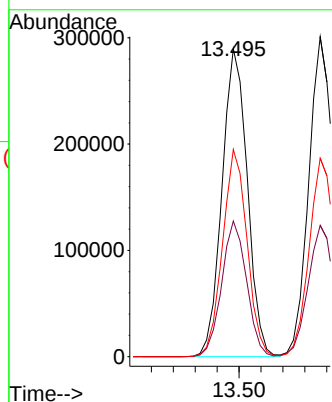
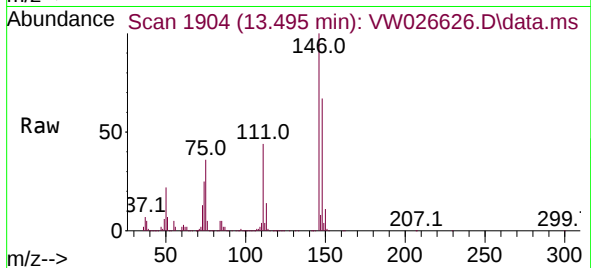




#64
1,3-Dichlorobenzene
Concen: 24.492 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

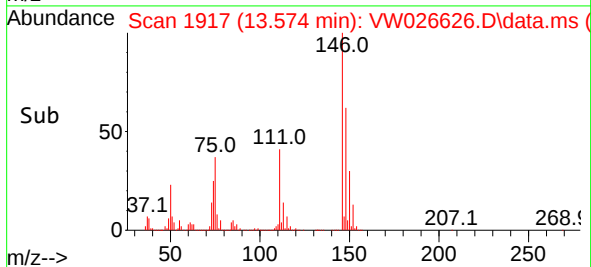
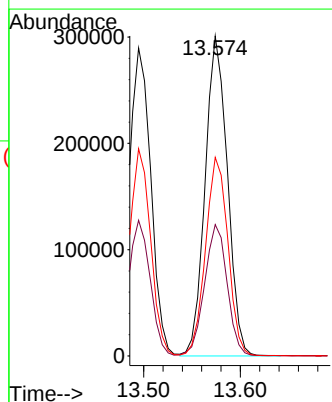
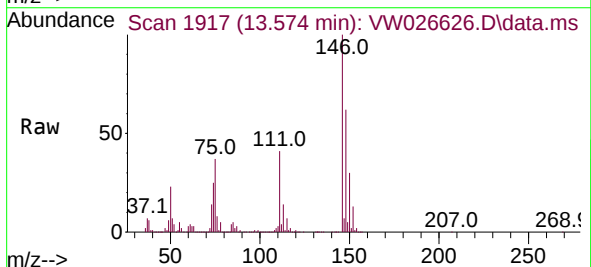
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

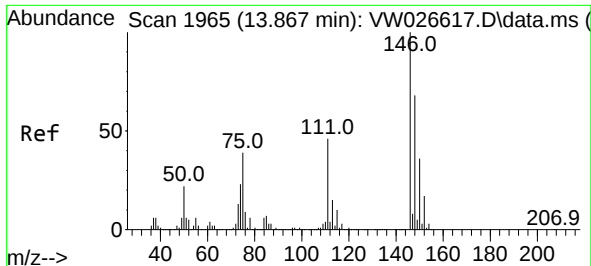
Tgt Ion:146 Resp: 464616
Ion Ratio Lower Upper
146 100
111 44.1 30.4 56.4
148 67.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 25.521 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion:146 Resp: 482835
Ion Ratio Lower Upper
146 100
111 41.0 29.7 55.1
148 62.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 26.030 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

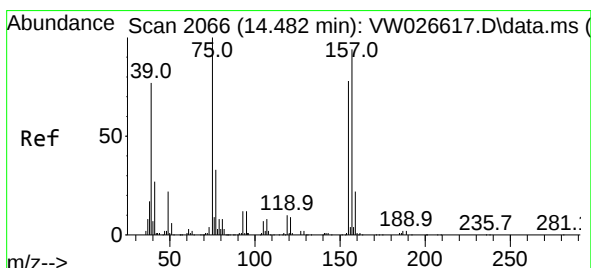
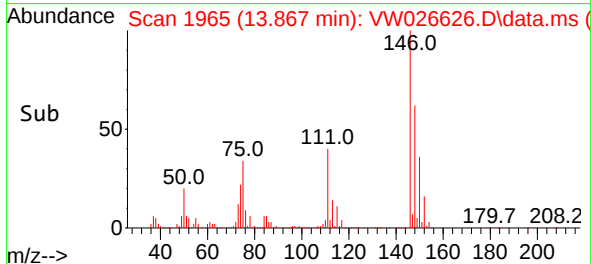
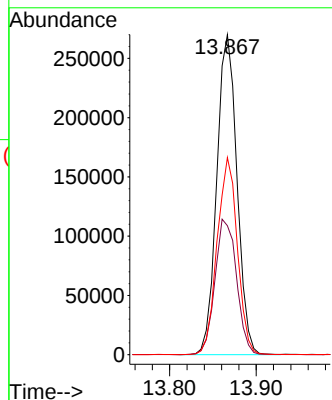
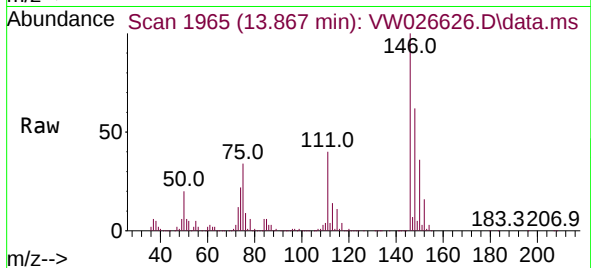
Tgt Ion:146 Resp: 437024

Ion Ratio Lower Upper

146 100

111 40.3 31.8 47.8

148 61.6 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 19.706 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

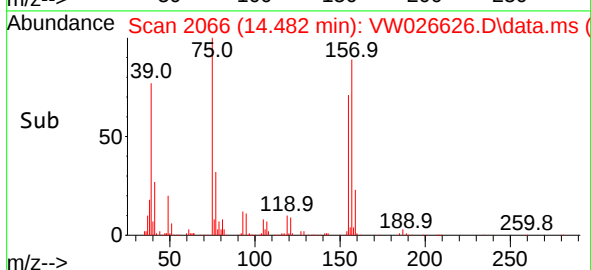
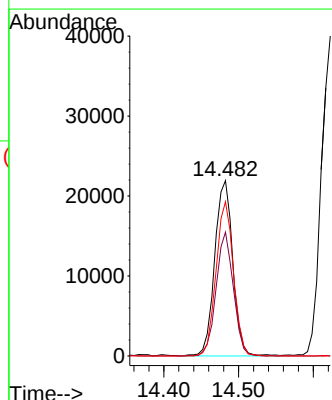
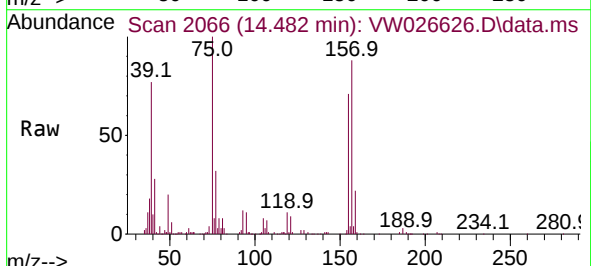
Tgt Ion: 75 Resp: 37016

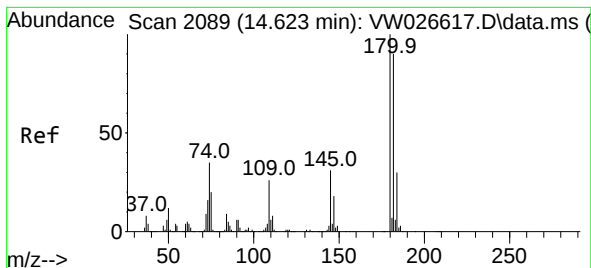
Ion Ratio Lower Upper

75 100

155 70.6 49.1 73.7

157 88.0 60.6 90.8





#69

1,3,5-Trichlorobenzene

Concen: 23.504 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

Tgt Ion:180 Resp: 295065

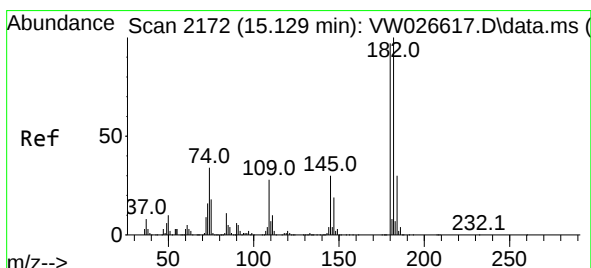
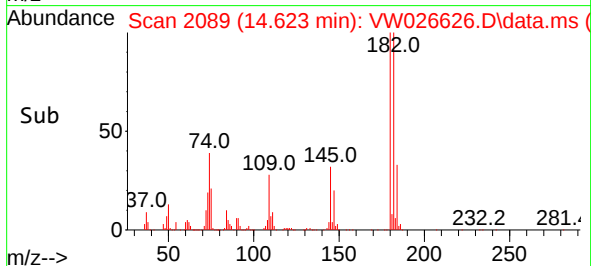
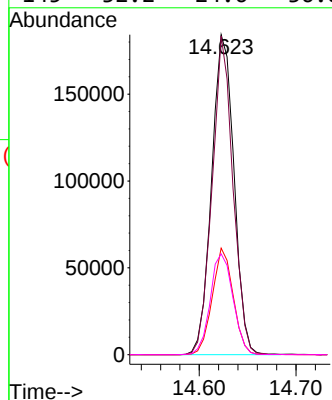
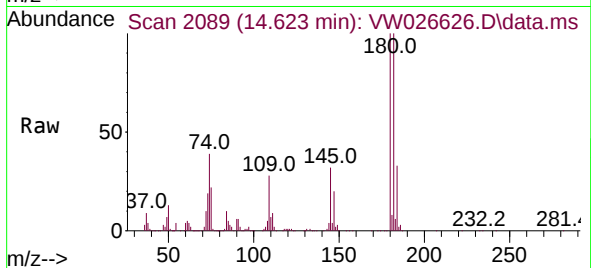
Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

184 31.2 23.7 35.5

145 32.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 24.327 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026626.D

Acq: 19 Jul 2023 16:17

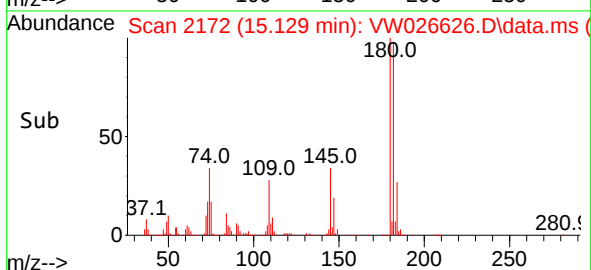
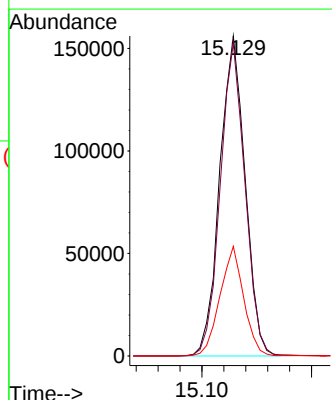
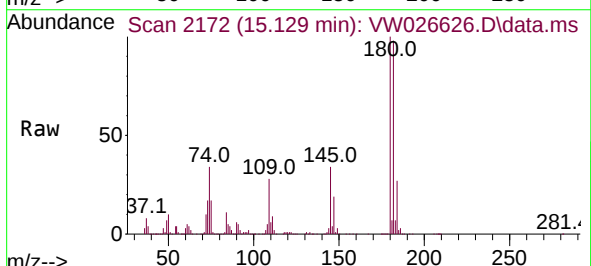
Tgt Ion:180 Resp: 250614

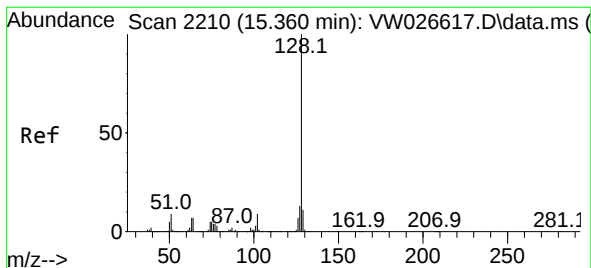
Ion Ratio Lower Upper

180 100

182 95.4 73.5 110.3

145 32.1 25.0 37.6

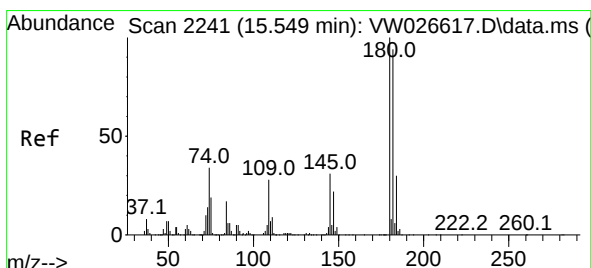
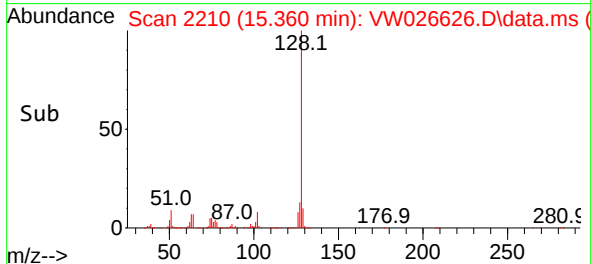
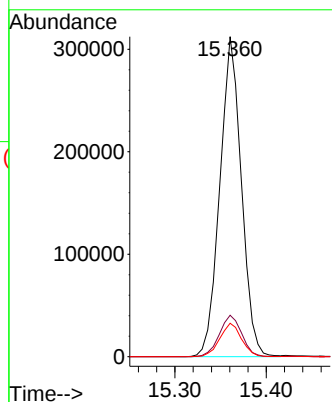
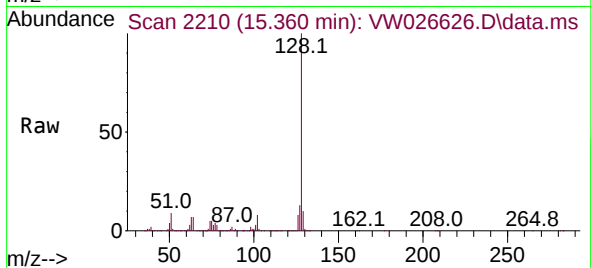




#71
Naphthalene
Concen: 21.910 ug/L
RT: 15.360 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Tgt Ion:128 Resp: 511150
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.913 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026626.D
Acq: 19 Jul 2023 16:17

Tgt Ion:180 Resp: 222223
Ion Ratio Lower Upper
180 100
182 98.8 75.2 112.8
145 35.2 26.6 40.0

