

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052423\
 Data File : VW026026.D
 Acq On : 24 May 2023 08:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: May 25 00:21:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 23 01:22:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	583157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	275376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	154720	18.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.880%
7) Chloroethane-d5	2.893	69	139290	22.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.960%
11) 1,1-Dichloroethene-d2	4.014	65	78773	19.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.160%
21) 2-Butanone-d5	7.075	46	131357	48.083	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.160%
24) Chloroform-d	7.648	84	396510	23.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.320%
26) 1,2-Dichloroethane-d4	8.300	65	215726	22.687	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.760%
32) Benzene-d6	8.270	84	762815	22.316	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	9.270	67	251677	23.012	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.318	98	644375	21.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.560%
43) trans-1,3-Dichloroprop...	10.574	79	92081	20.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.080%
47) 2-Hexanone-d5	10.922	63	90770	48.671	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210816	25.290	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	218304	21.746	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
3) Chloromethane	2.222	50	215360	22.419	ug/L	100
5) Vinyl chloride	2.375	62	246645	24.806	ug/L	99
6) Bromomethane	2.789	94	133502	24.686	ug/L	100
8) Chloroethane	2.935	64	146768	25.959	ug/L	100
9) Trichlorofluoromethane	3.265	101	174294	23.228	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	203883	24.983	ug/L	98
12) 1,1-Dichloroethene	4.039	96	190243	24.393	ug/L	97
13) Acetone	4.124	43	112971	46.636	ug/L	96
14) Carbon disulfide	4.386	76	577020	21.877	ug/L	99
15) Methyl Acetate	4.667	43	108744	22.780	ug/L	100
16) Methylene chloride	4.917	84	225850	18.779	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	198258	23.302	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	301477	23.346	ug/L	99
19) 1,1-Dichloroethane	6.215	63	434705	24.868	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	224318	24.575	ug/L	99
22) 2-Butanone	7.166	43	147162	43.997	ug/L	99
23) Bromochloromethane	7.508	128	94510	24.440	ug/L	95
25) Chloroform	7.678	83	414795	25.818	ug/L	99
27) 1,2-Dichloroethane	8.398	62	278520	24.410	ug/L	99

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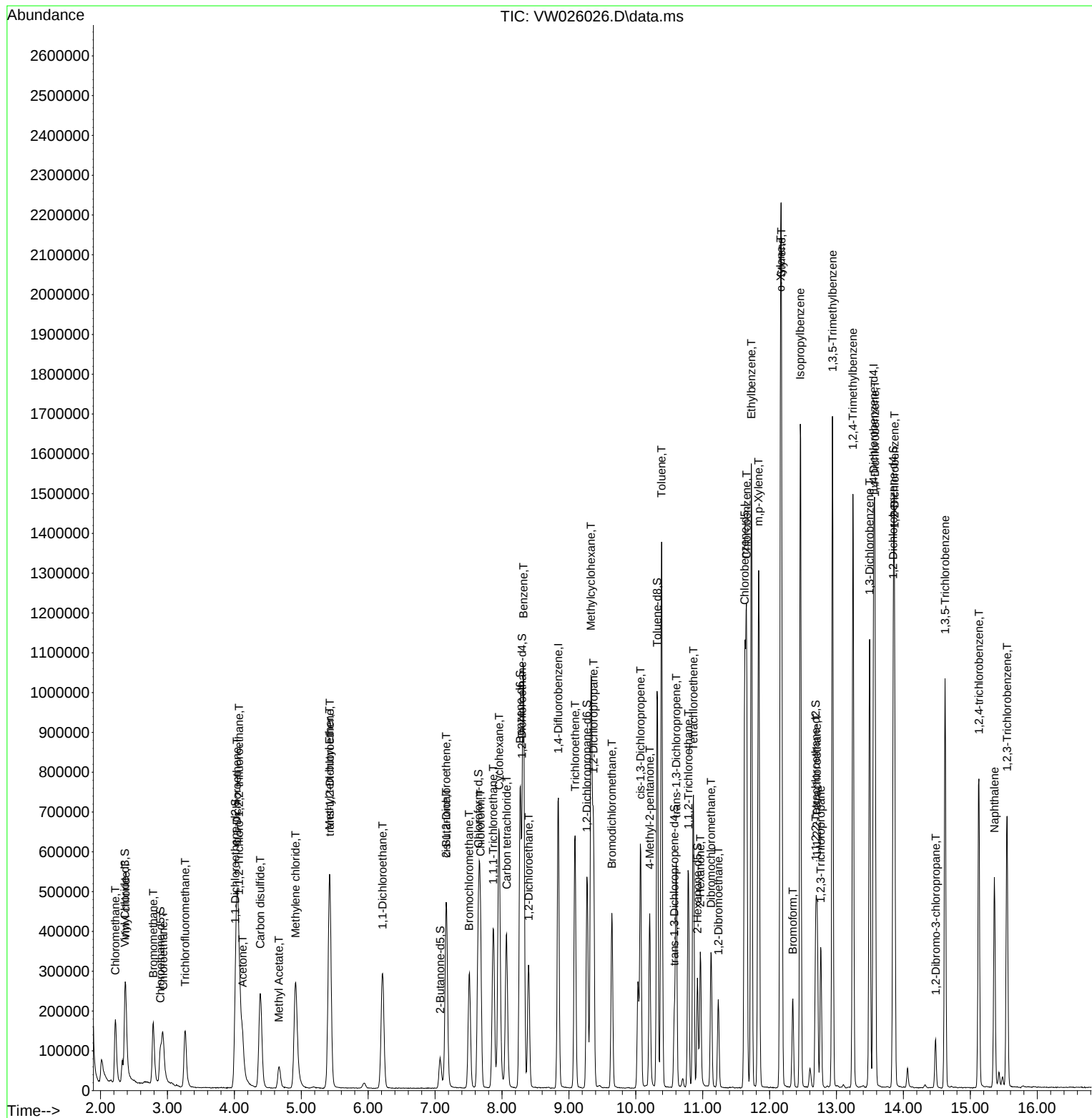
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	374557	23.104	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	325811	25.466	ug/L	99
31) Carbon tetrachloride	8.069	117	290911	25.267	ug/L	99
33) Benzene	8.319	78	911342	25.180	ug/L	100
34) Trichloroethene	9.093	95	229279	24.687	ug/L	99
35) Methylcyclohexane	9.331	83	386790	23.416	ug/L	100
37) 1,2-Dichloropropane	9.367	63	249796	25.191	ug/L	100
38) Bromodichloromethane	9.642	83	289285	25.429	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	355623	24.455	ug/L	97
40) 4-Methyl-2-pentanone	10.208	43	303810	47.070	ug/L	99
42) Toluene	10.385	91	941425	25.457	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	296351	24.595	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	167079	25.188	ug/L	96
46) Tetrachloroethene	10.861	164	159836	24.463	ug/L	97
48) 2-Hexanone	10.964	43	224078	48.461	ug/L	99
49) Dibromochloromethane	11.123	129	171721	25.006	ug/L	100
50) 1,2-Dibromoethane	11.233	107	147140	24.062	ug/L	95
51) Chlorobenzene	11.653	112	566707	24.736	ug/L	99
52) Ethylbenzene	11.727	91	1059884	25.478	ug/L	100
53) m,p-Xylene	11.836	106	400554	26.162	ug/L	92
54) o-Xylene	12.165	106	372440	25.808	ug/L	98
55) Styrene	12.178	104	650937	26.354	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	205644	24.846	ug/L	94
59) Bromoform	12.348	173	97525	23.910	ug/L	100
60) Isopropylbenzene	12.458	105	1041688	24.886	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	148614	22.835	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	828136	24.979	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	764351	24.983	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	430581	23.895	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	452971	24.882	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	394343	24.539	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	32597	21.600	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	282343	23.605	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	230368	22.989	ug/L	98
71) Naphthalene	15.360	128	417982	22.100	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	214530	24.128	ug/L	96

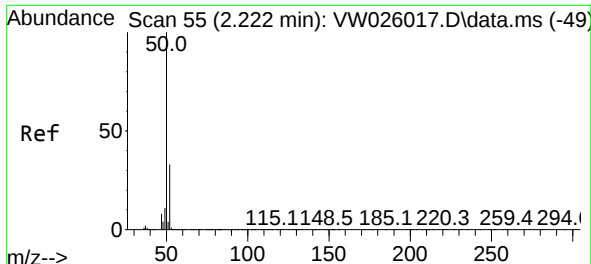
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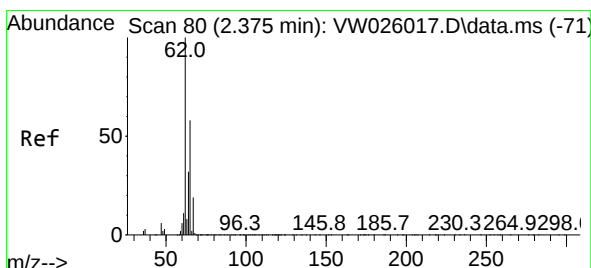
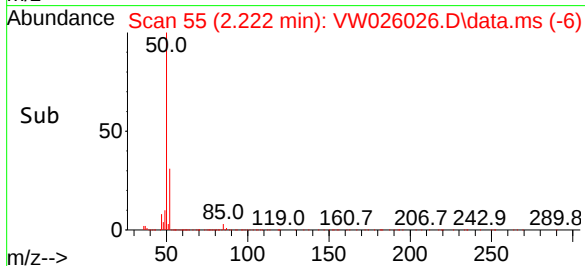
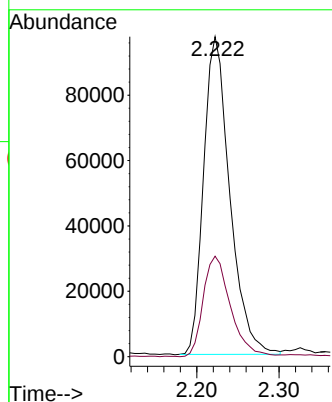
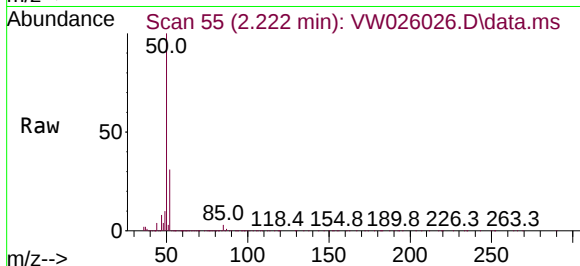




#3
Chloromethane
Concen: 22.419 ug/L
RT: 2.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

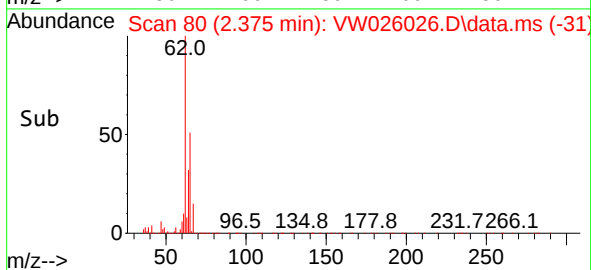
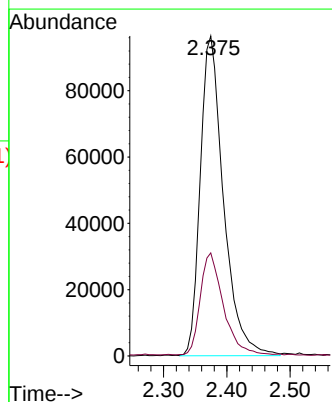
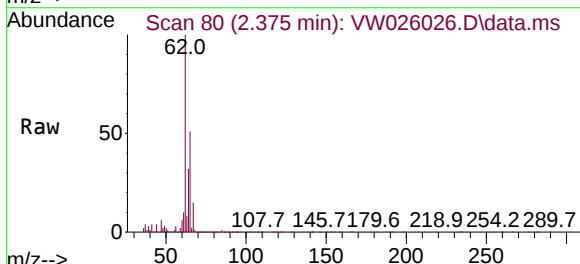
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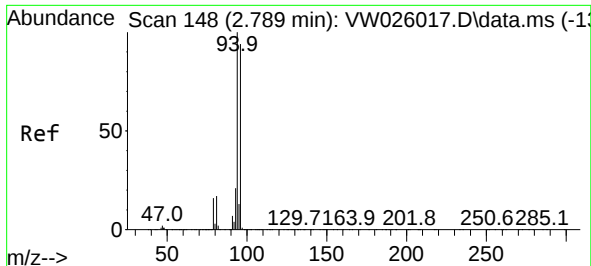
Tgt Ion: 50 Resp: 215360
Ion Ratio Lower Upper
50 100
52 31.4 22.1 41.1



#5
Vinyl chloride
Concen: 24.806 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 62 Resp: 246645
Ion Ratio Lower Upper
62 100
64 32.2 22.7 42.3

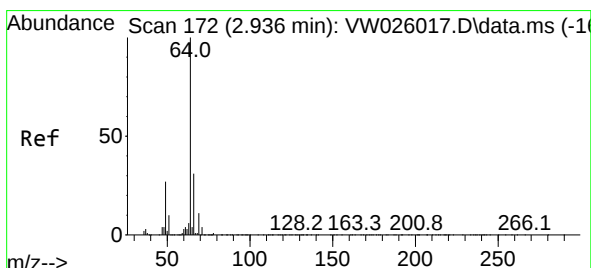
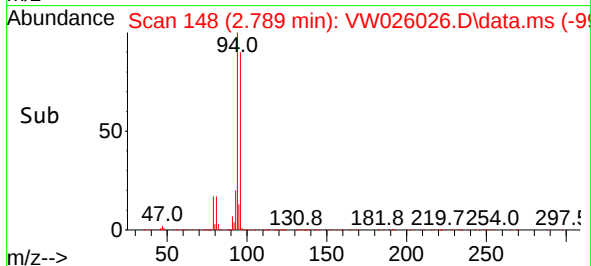
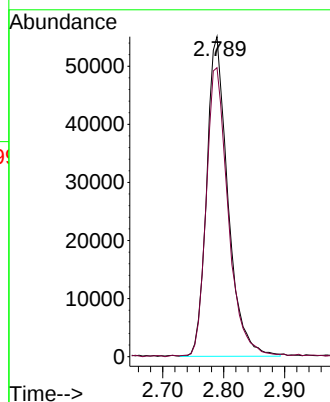
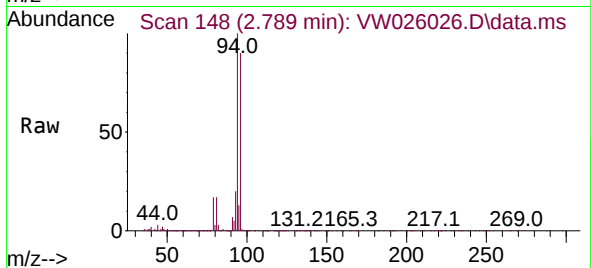




#6
Bromomethane
Concen: 24.686 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

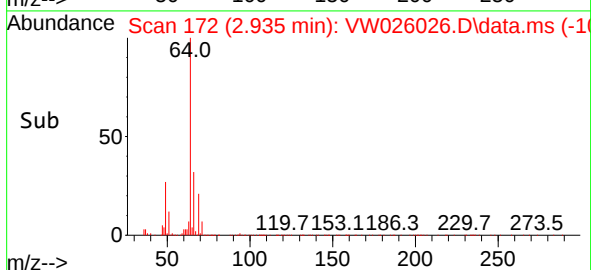
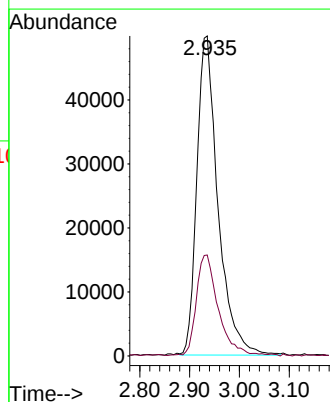
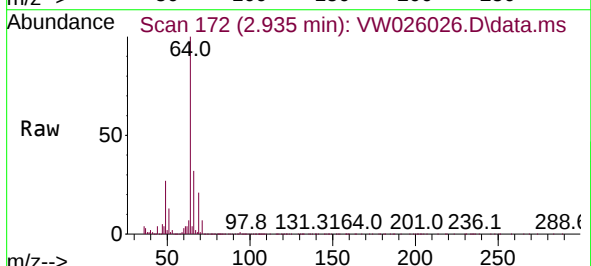
Instrument :
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ClientSampleId :
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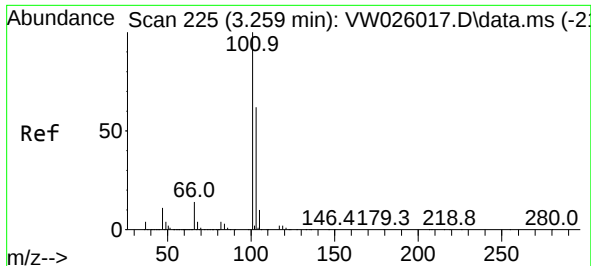
Tgt Ion: 94 Resp: 133502
Ion Ratio Lower Upper
94 100
96 90.3 63.1 117.1



#8
Chloroethane
Concen: 25.959 ug/L
RT: 2.935 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 64 Resp: 146768
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.3

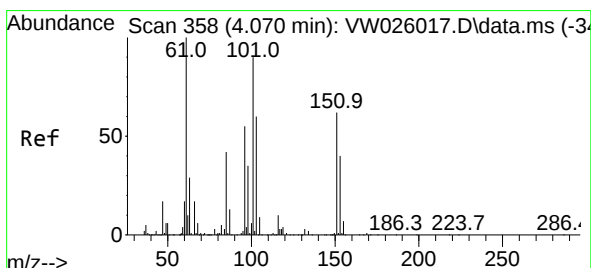
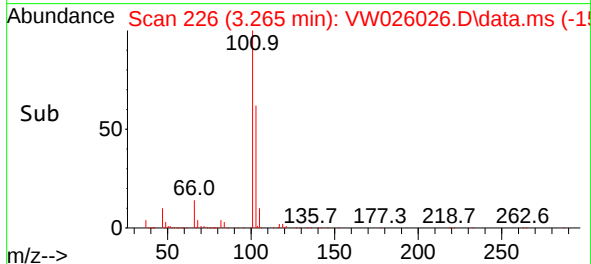
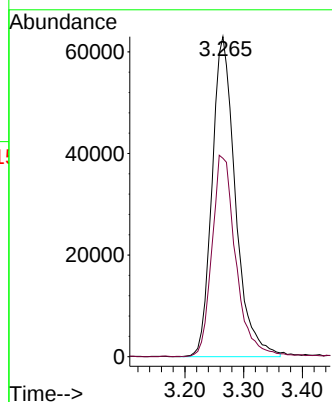
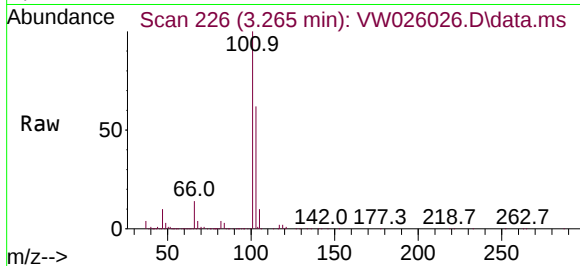




#9
 Trichlorofluoromethane
 Concen: 23.228 ug/L
 RT: 3.265 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026026.D
 Acq: 24 May 2023 08:44

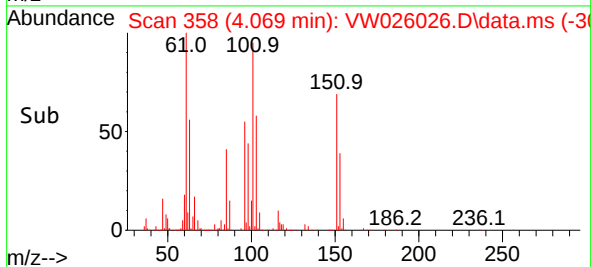
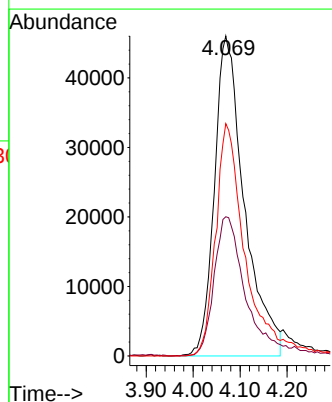
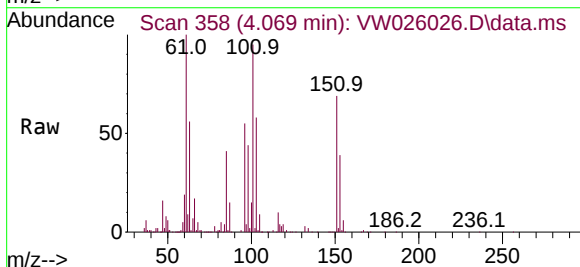
Instrument :
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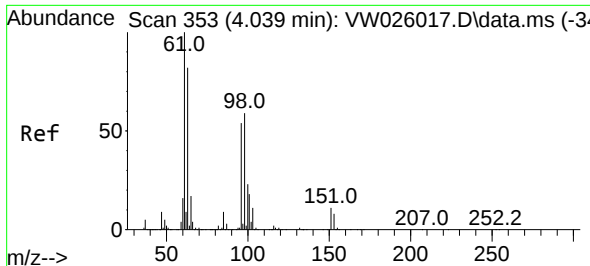
Tgt Ion:101 Resp: 174294
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 76.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.983 ug/L
 RT: 4.069 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026026.D
 Acq: 24 May 2023 08:44

Tgt Ion:101 Resp: 203883
 Ion Ratio Lower Upper
 101 100
 85 45.4 33.9 50.9
 151 68.5 54.2 81.2

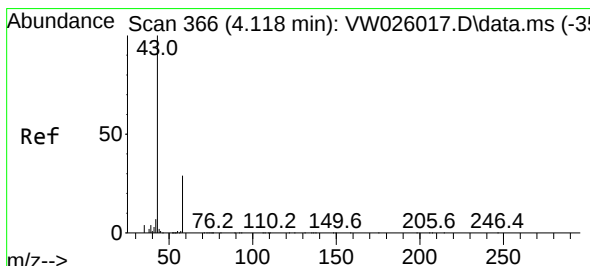
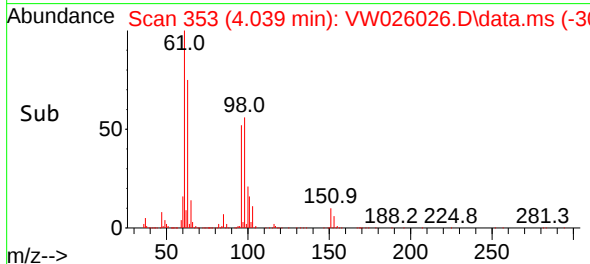
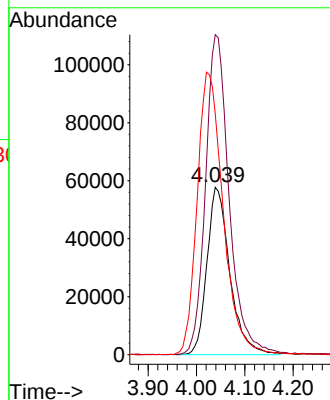
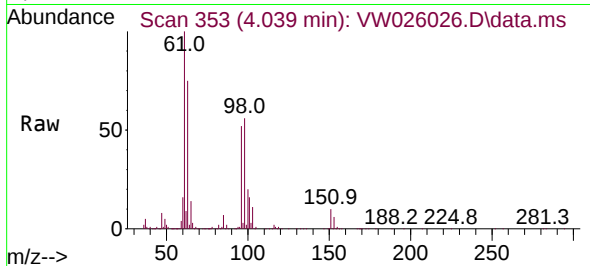




#12
1,1-Dichloroethene
Concen: 24.393 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

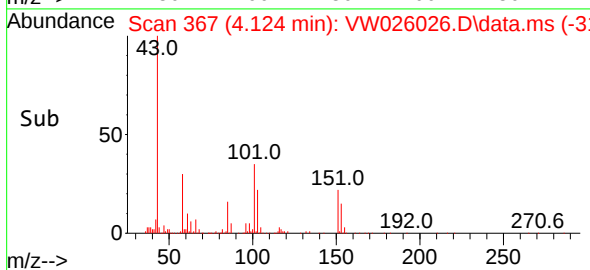
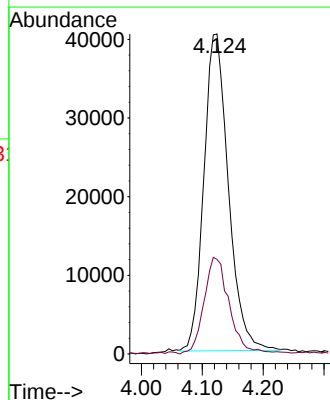
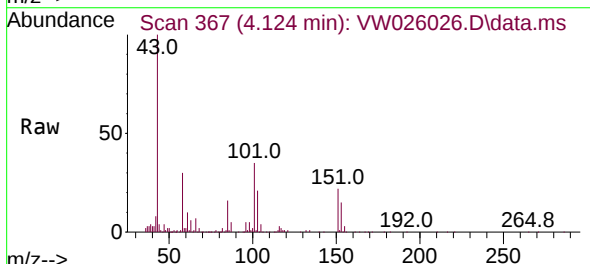
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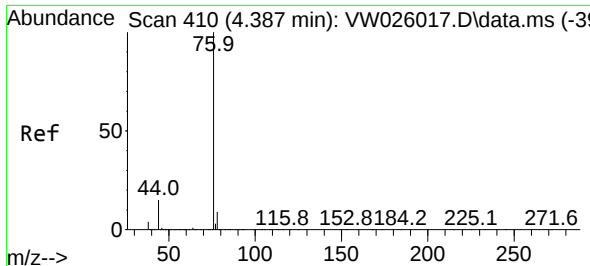
Tgt Ion: 96 Resp: 190243
Ion Ratio Lower Upper
96 100
61 191.2 135.0 250.8
63 144.1 104.9 194.7



#13
Acetone
Concen: 46.636 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 43 Resp: 112971
Ion Ratio Lower Upper
43 100
58 31.2 0.0 58.2

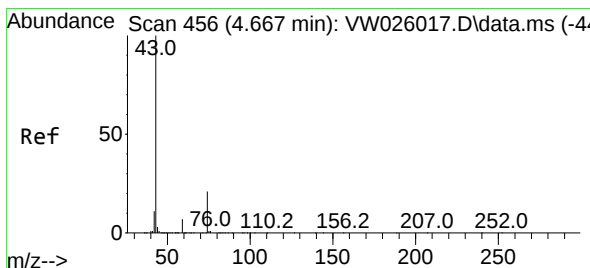
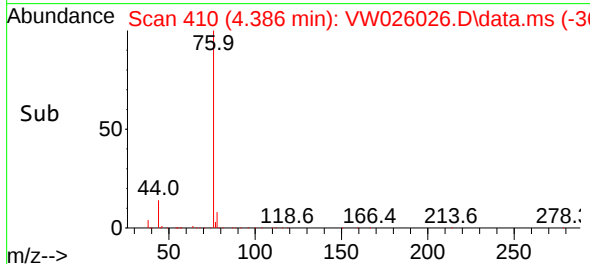
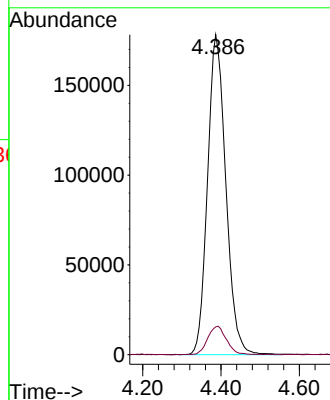
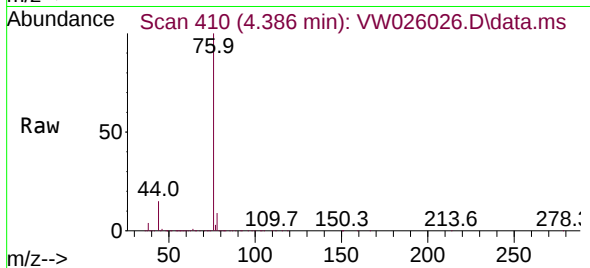




#14
Carbon disulfide
Concen: 21.877 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW026026.D
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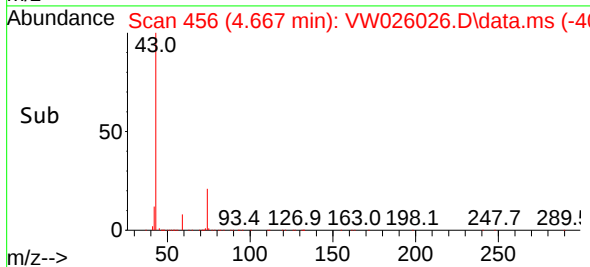
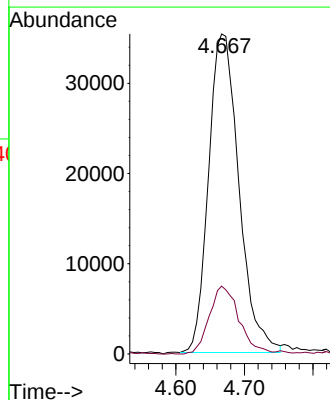
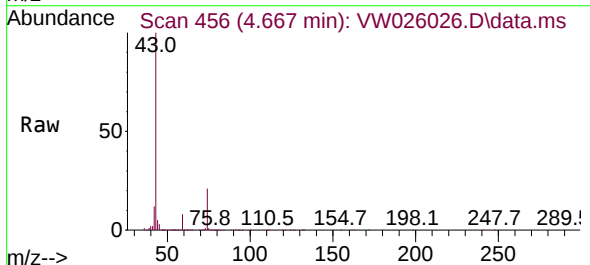
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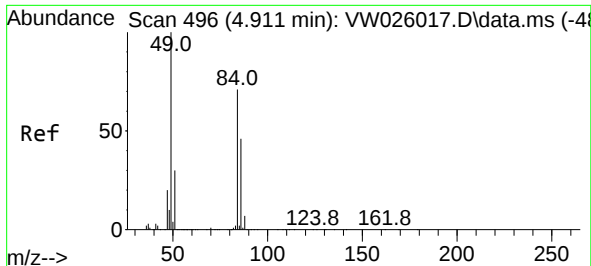
Tgt Ion: 76 Resp: 577020
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#15
Methyl Acetate
Concen: 22.780 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 43 Resp: 108744
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7

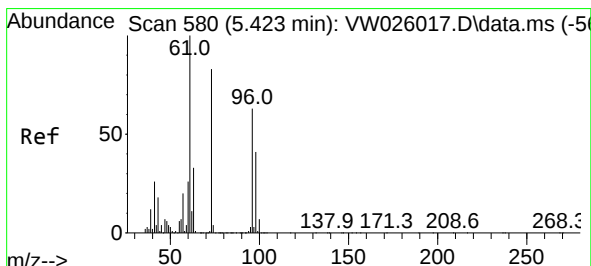
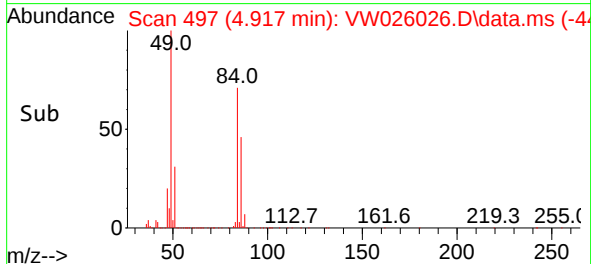
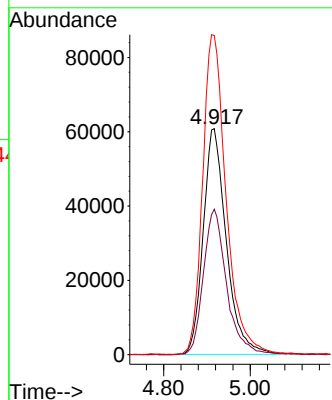
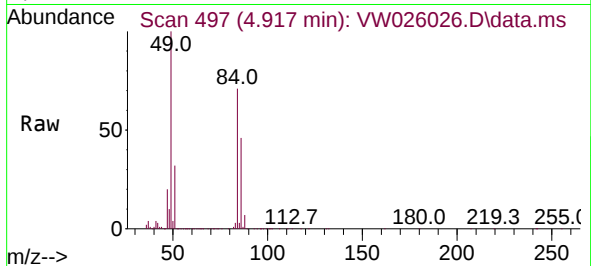




#16
Methylene chloride
Concen: 18.779 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

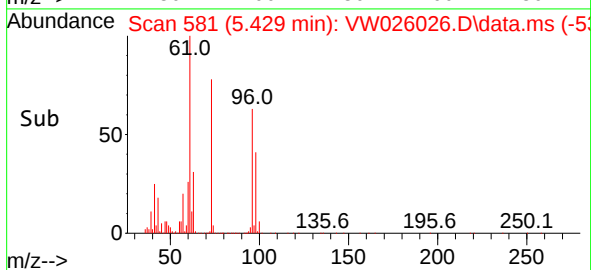
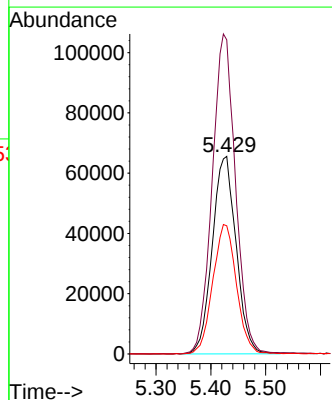
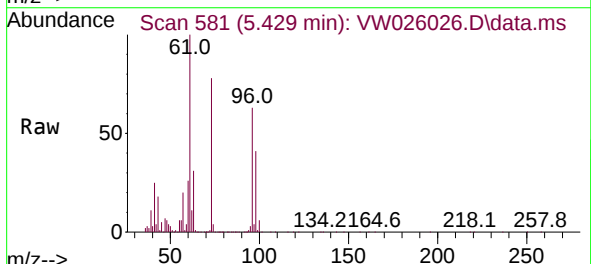
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

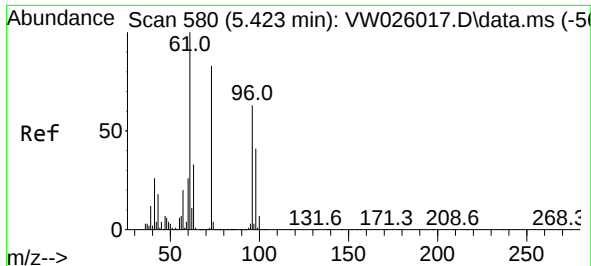
Tgt Ion: 84 Resp: 225850
Ion Ratio Lower Upper
84 100
86 64.3 41.7 77.5
49 141.1 95.3 177.1



#17
trans-1,2-Dichloroethene
Concen: 23.302 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 96 Resp: 198258
Ion Ratio Lower Upper
96 100
61 159.0 108.1 200.9
98 64.9 44.0 81.8

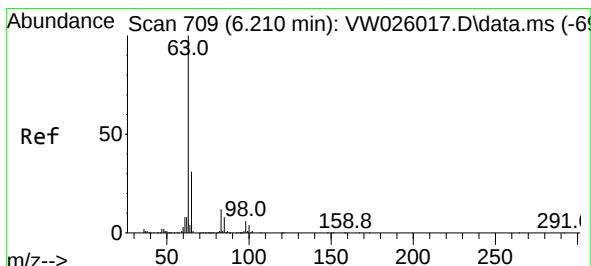
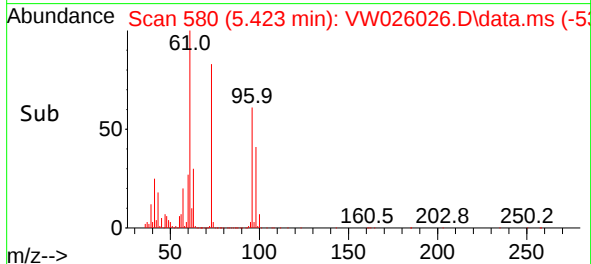
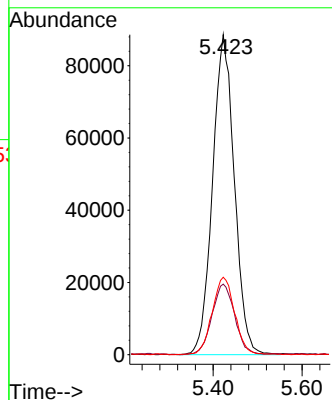
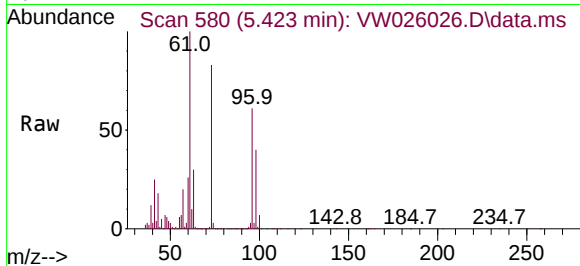




#18
Methyl tert-butyl Ether
Concen: 23.346 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

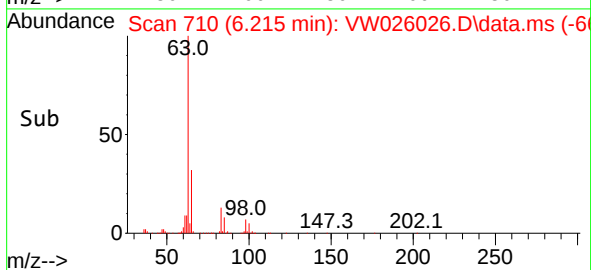
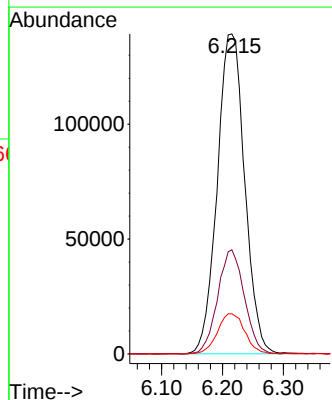
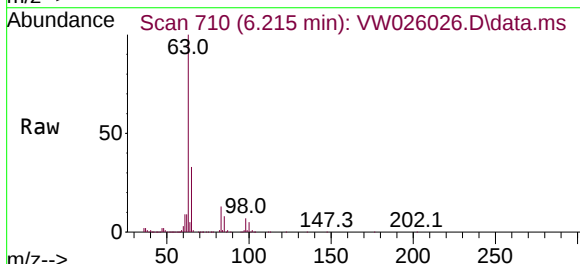
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

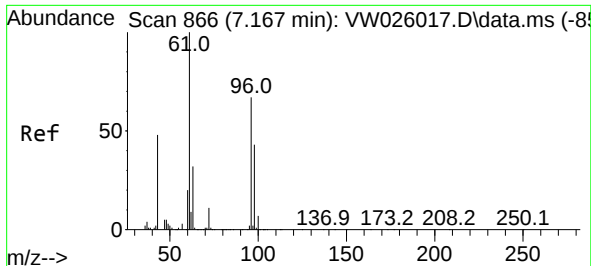
Tgt Ion: 73 Resp: 301477
Ion Ratio Lower Upper
73 100
43 23.1 18.2 27.4
57 24.8 19.2 28.8



#19
1,1-Dichloroethane
Concen: 24.868 ug/L
RT: 6.215 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 63 Resp: 434705
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 12.6 8.7 16.1

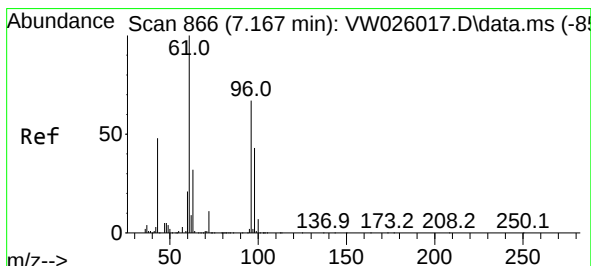
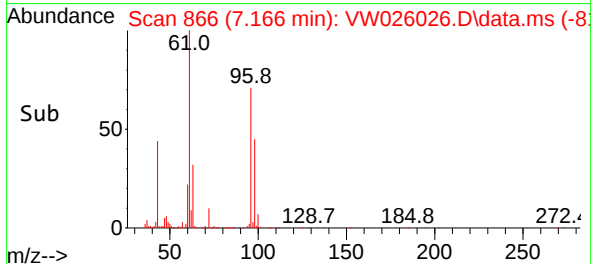
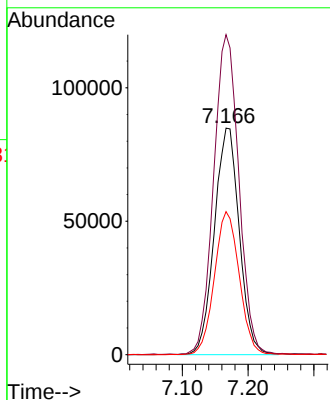
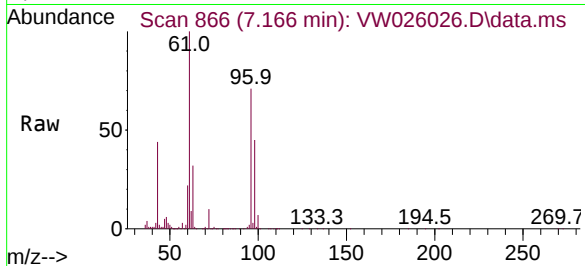




#20
 cis-1,2-Dichloroethene
 Concen: 24.575 ug/L
 RT: 7.166 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW026026.D
 Acq: 24 May 2023 08:44

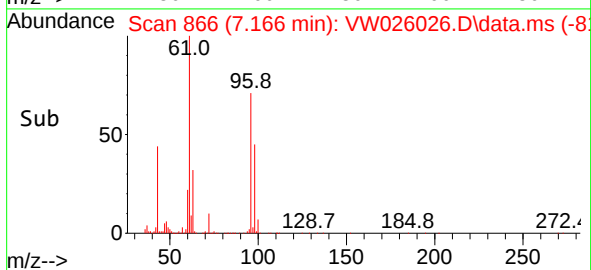
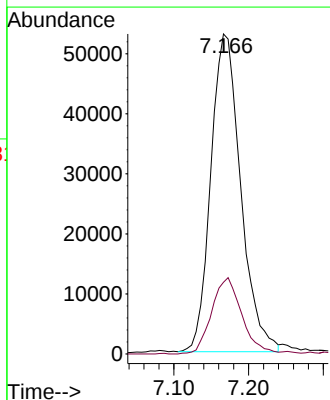
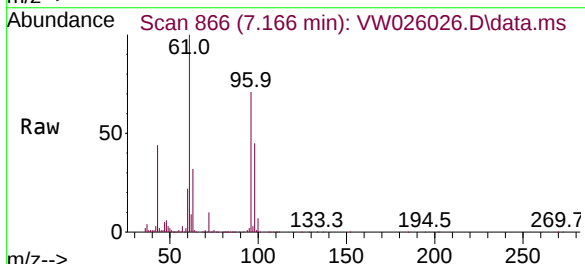
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

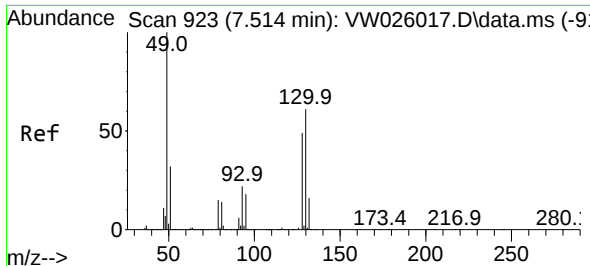
Tgt Ion: 96 Resp: 224318
 Ion Ratio Lower Upper
 96 100
 61 141.3 98.6 183.0
 98 63.1 45.2 84.0



#22
 2-Butanone
 Concen: 43.997 ug/L
 RT: 7.166 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW026026.D
 Acq: 24 May 2023 08:44

Tgt Ion: 43 Resp: 147162
 Ion Ratio Lower Upper
 43 100
 72 24.1 11.8 35.4

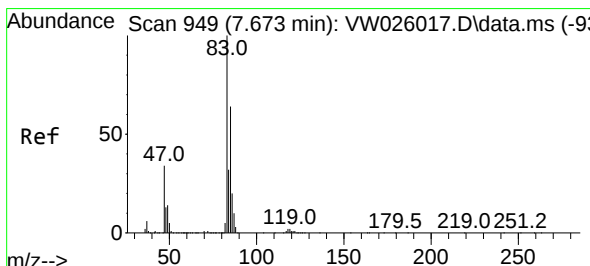
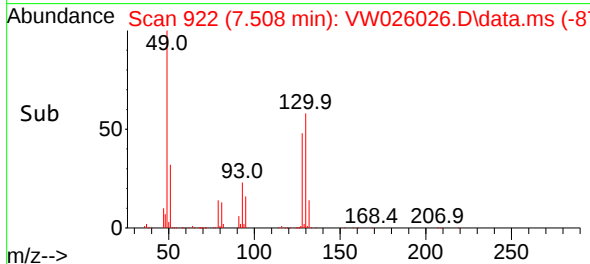
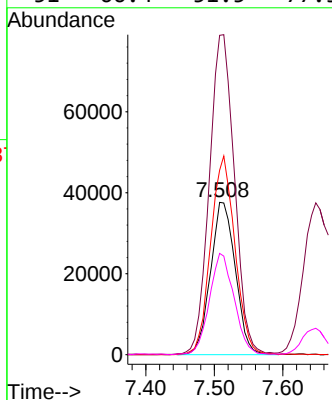
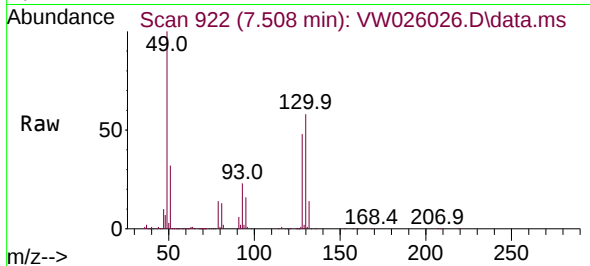




#23
Bromochloromethane
Concen: 24.440 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

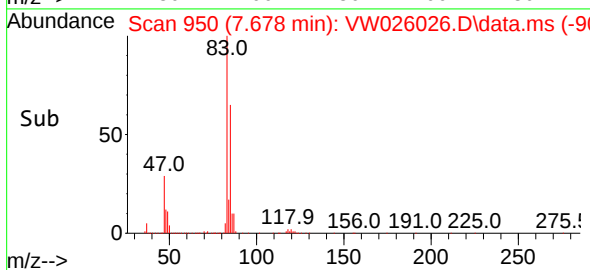
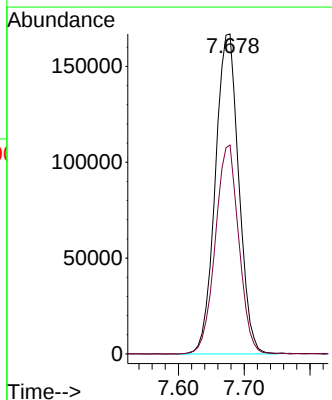
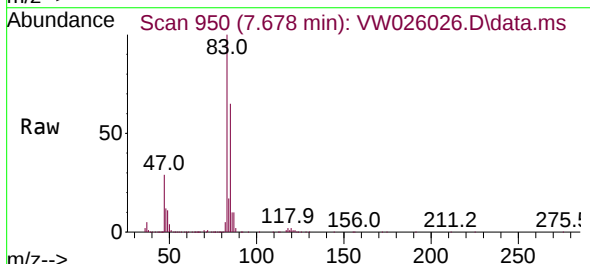
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

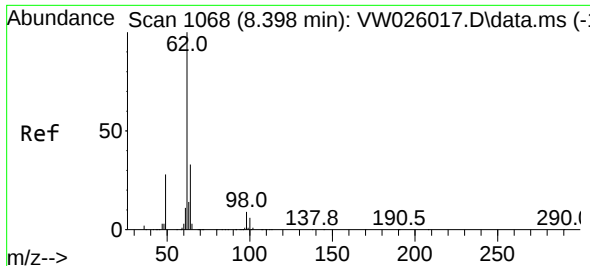
Tgt Ion:	128	Resp:	94510
Ion	Ratio	Lower	Upper
128	100		
49	209.5	151.5	281.5
130	121.1	91.3	169.6
51	66.4	51.5	77.3



#25
Chloroform
Concen: 25.818 ug/L
RT: 7.678 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion:	83	Resp:	414795
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.1	83.9





#27

1,2-Dichloroethane

Concen: 24.410 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

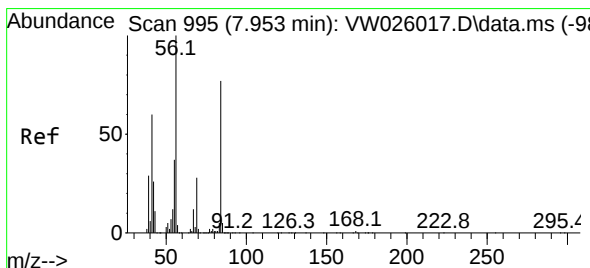
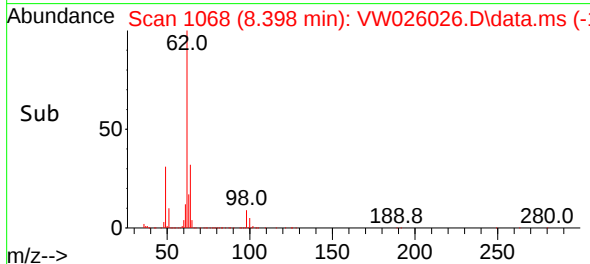
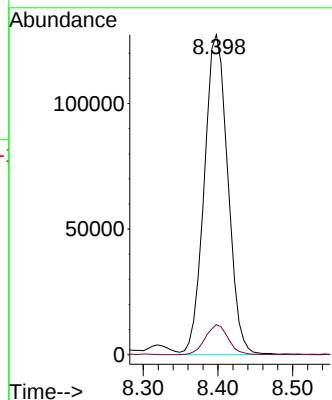
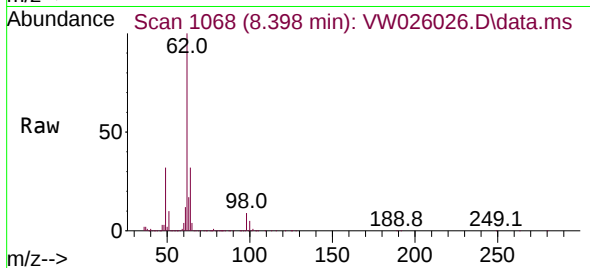
VSTD025496

Tgt Ion: 62 Resp: 278520

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8



#29

Cyclohexane

Concen: 23.104 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

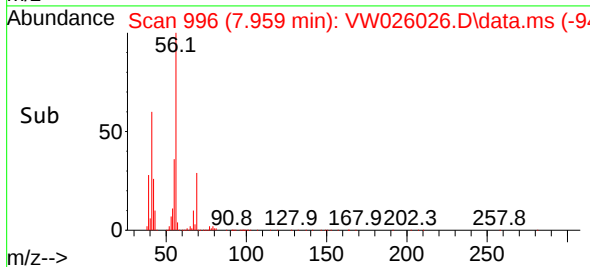
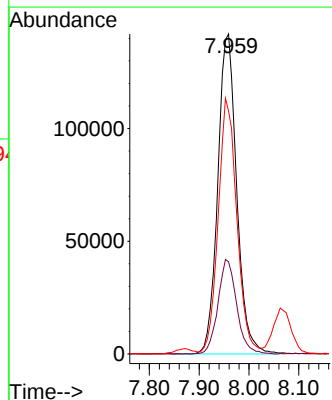
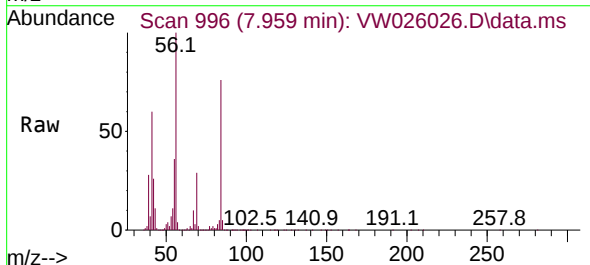
Tgt Ion: 56 Resp: 374557

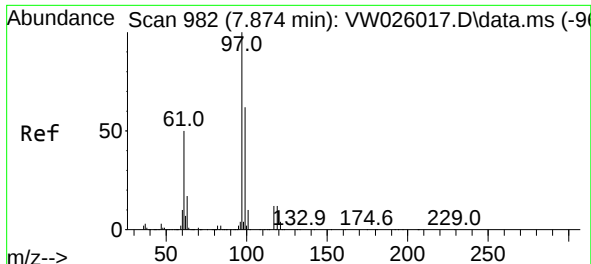
Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 78.7 63.3 94.9





#30

1,1,1-Trichloroethane

Concen: 25.466 ug/L

RT: 7.867 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

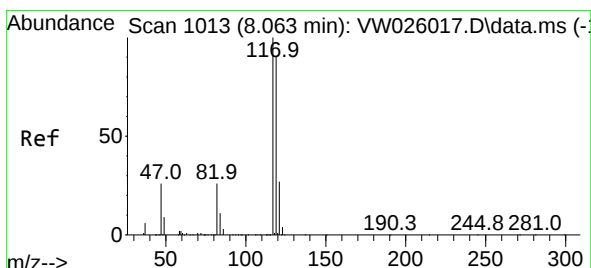
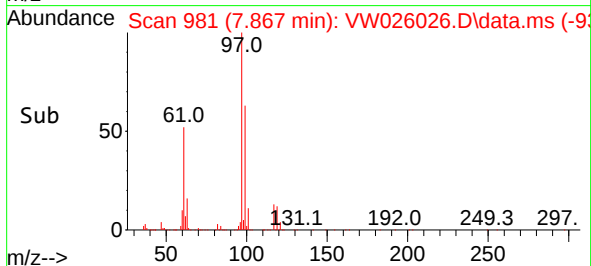
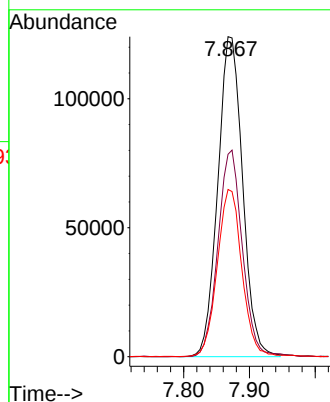
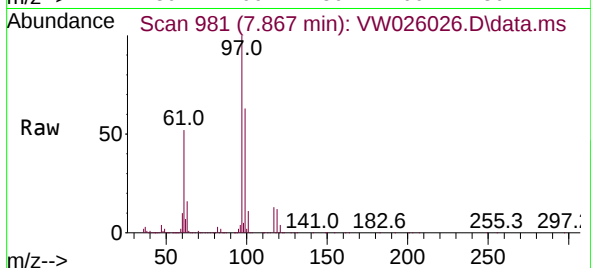
Tgt Ion: 97 Resp: 325811

Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 51.7 40.4 60.6



#31

Carbon tetrachloride

Concen: 25.267 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW026026.D

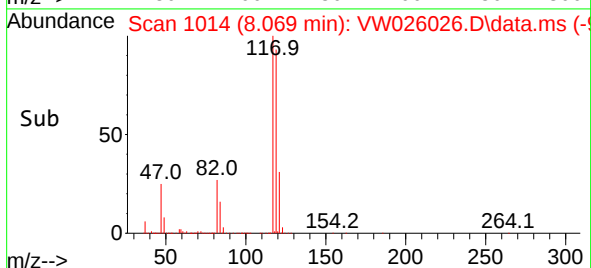
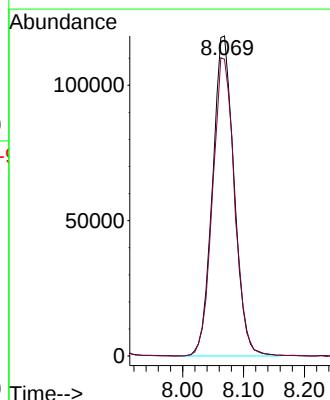
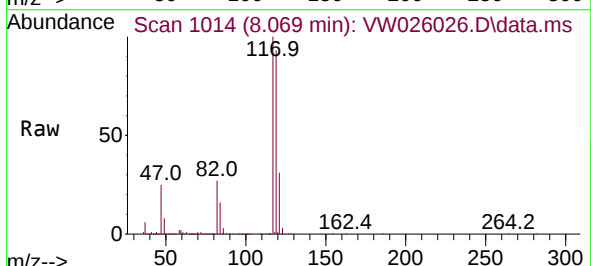
Acq: 24 May 2023 08:44

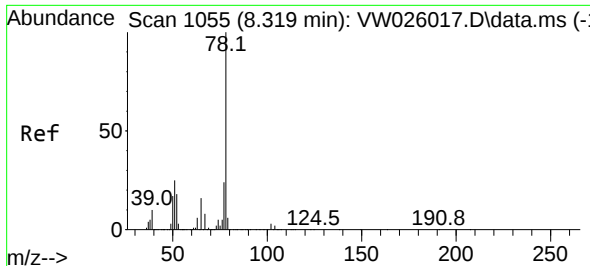
Tgt Ion: 117 Resp: 290911

Ion Ratio Lower Upper

117 100

119 94.8 76.9 115.3

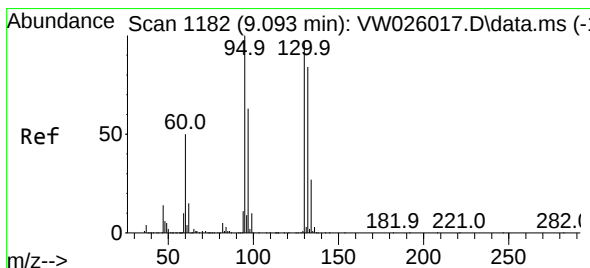
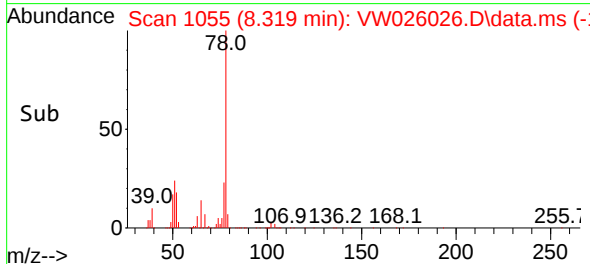
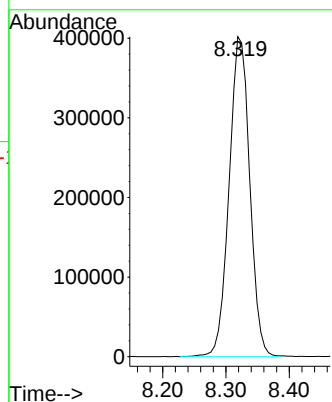
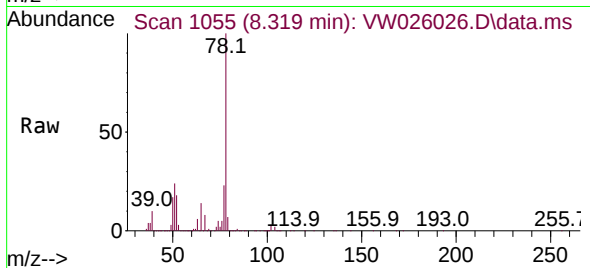




#33
Benzene
Concen: 25.180 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

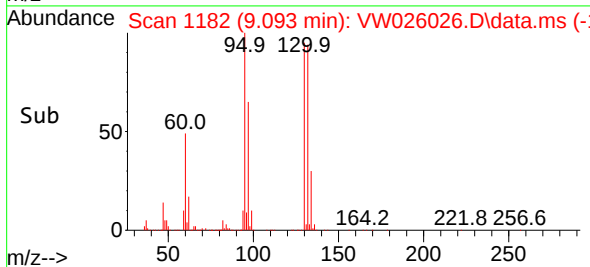
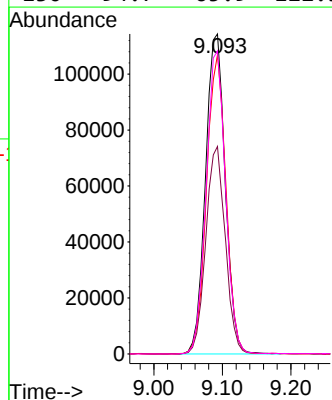
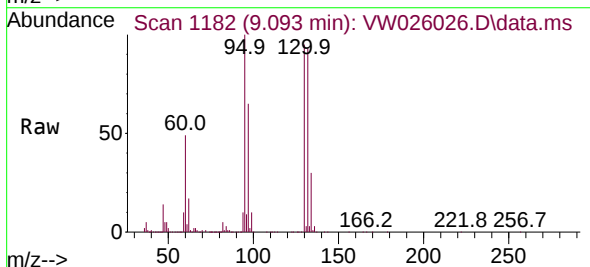
Tgt Ion: 78 Resp: 911342

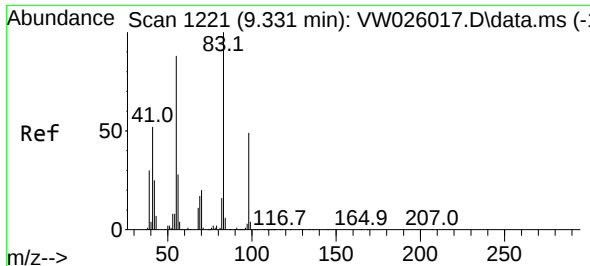


#34
Trichloroethene
Concen: 24.687 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 95 Resp: 229279

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.9	85.3
132	93.5	66.0	122.6
130	94.7	65.9	122.3

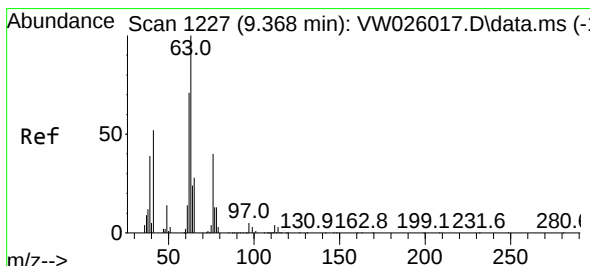
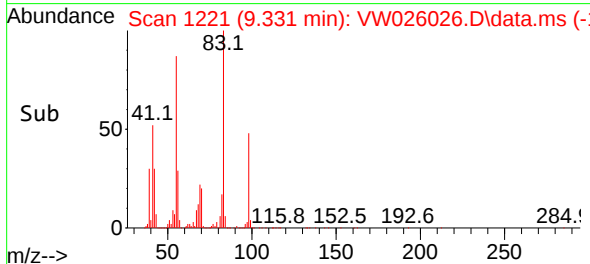
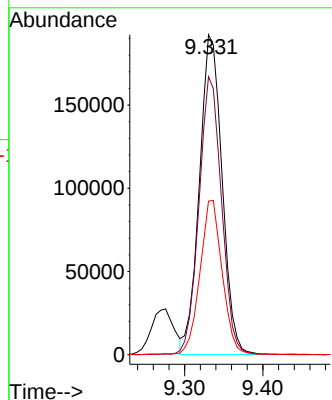
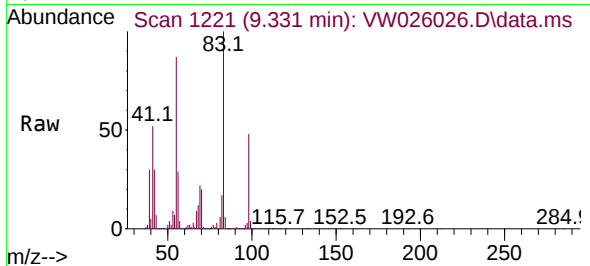




#35
Methylcyclohexane
Concen: 23.416 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

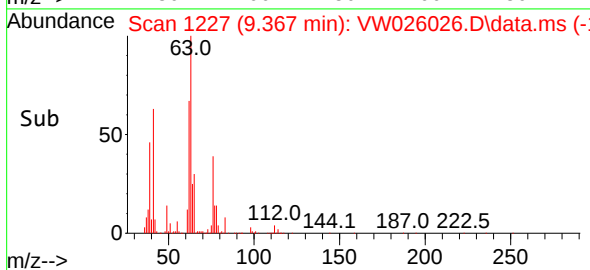
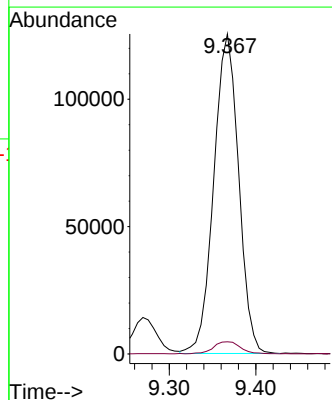
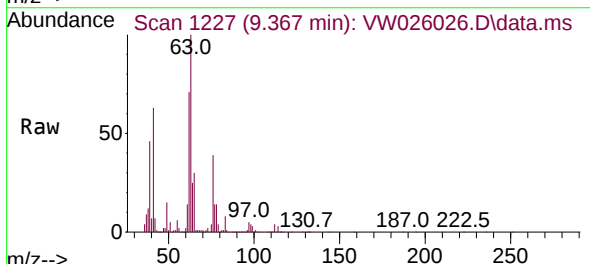
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

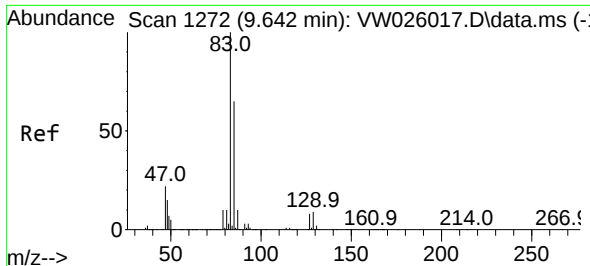
Tgt Ion: 83 Resp: 386790
Ion Ratio Lower Upper
83 100
55 86.4 69.0 103.4
98 46.9 37.1 55.7



#37
1,2-Dichloropropane
Concen: 25.191 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 63 Resp: 249796
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9

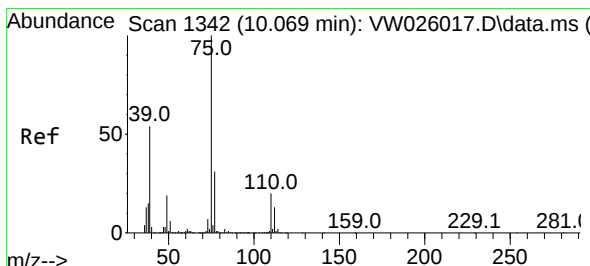
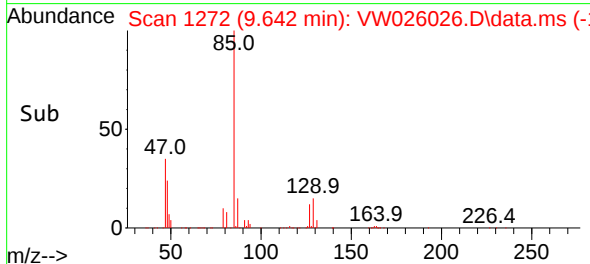
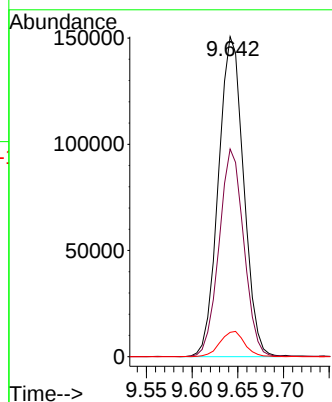
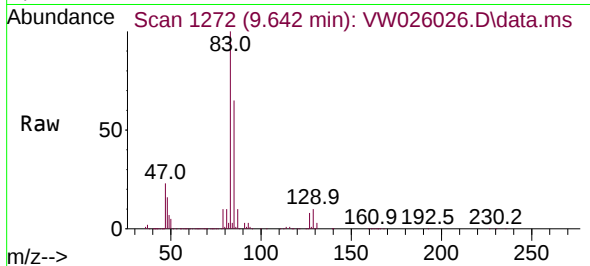




#38
Bromodichloromethane
Concen: 25.429 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

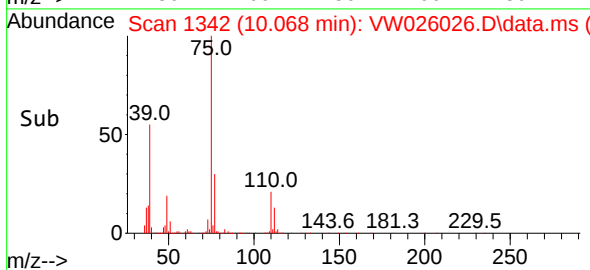
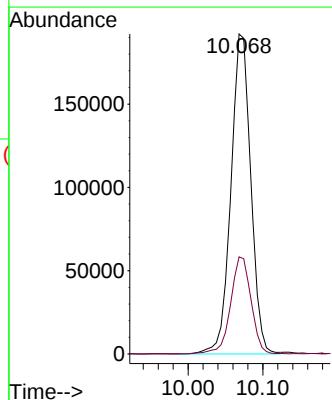
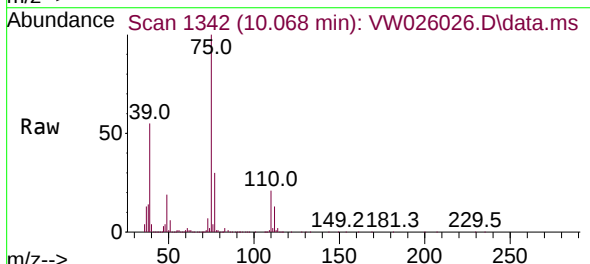
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

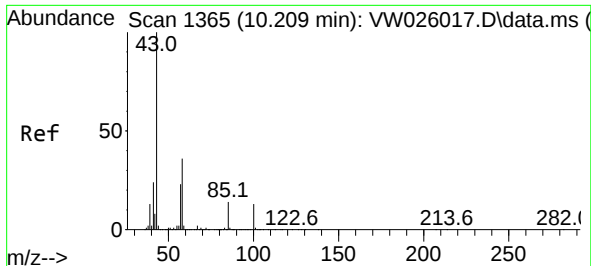
Tgt Ion: 83 Resp: 289285
Ion Ratio Lower Upper
83 100
85 64.9 44.4 82.5
127 7.6 6.5 9.7



#39
cis-1,3-Dichloropropene
Concen: 24.455 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 75 Resp: 355623
Ion Ratio Lower Upper
75 100
77 30.4 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 47.070 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

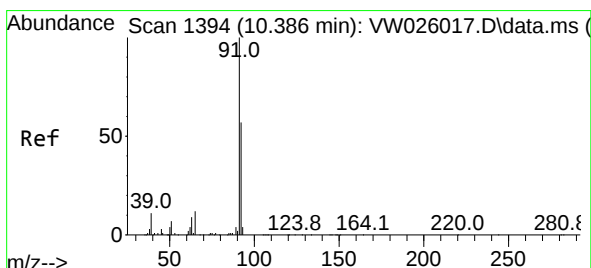
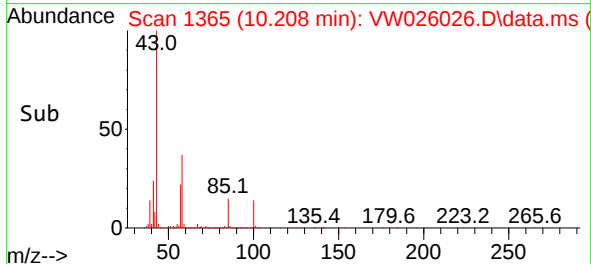
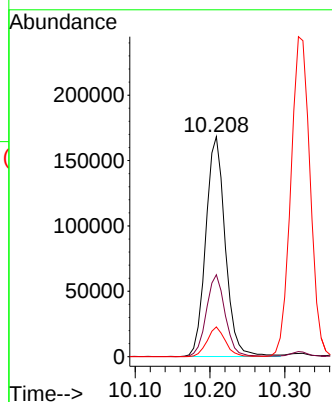
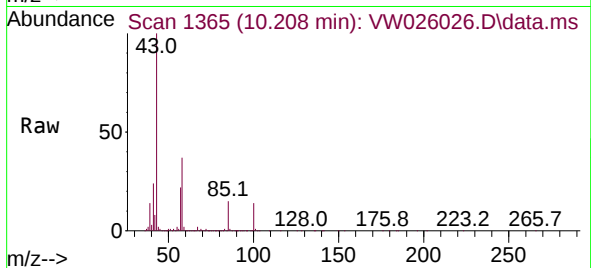
Tgt Ion: 43 Resp: 303810

Ion Ratio Lower Upper

43 100

58 35.8 29.4 44.0

100 12.8 10.1 15.1



#42

Toluene

Concen: 25.457 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW026026.D

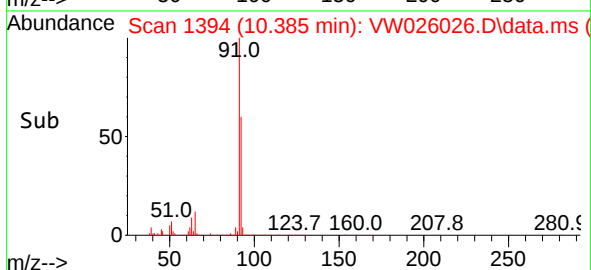
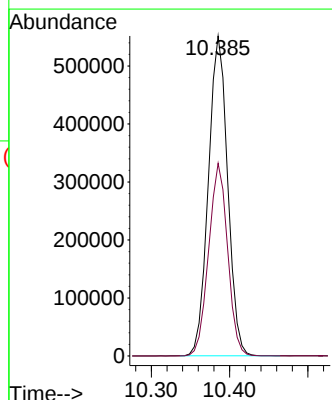
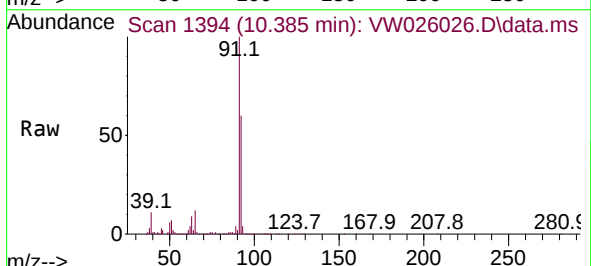
Acq: 24 May 2023 08:44

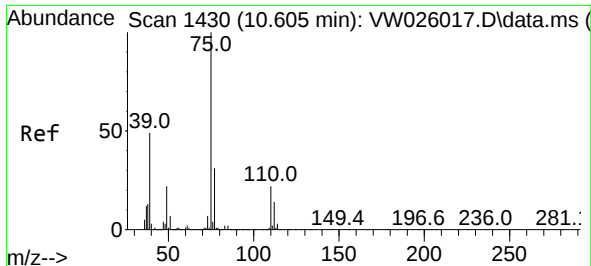
Tgt Ion: 91 Resp: 941425

Ion Ratio Lower Upper

91 100

92 60.2 40.2 74.6

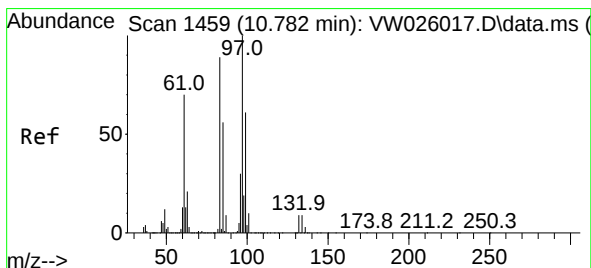
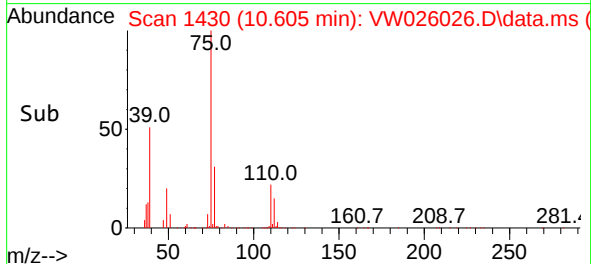
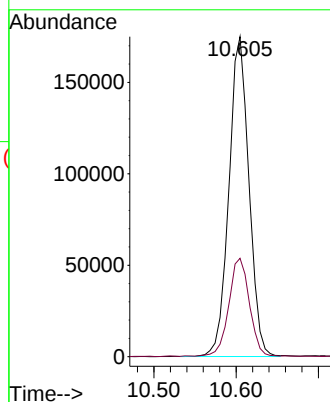
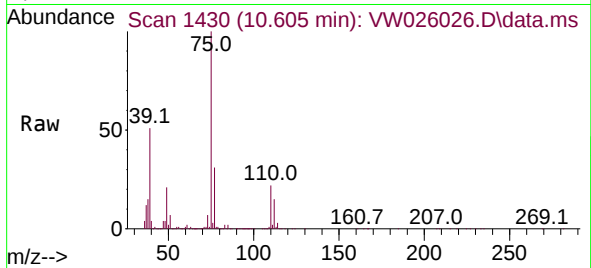




#44
trans-1,3-Dichloropropene
Concen: 24.595 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

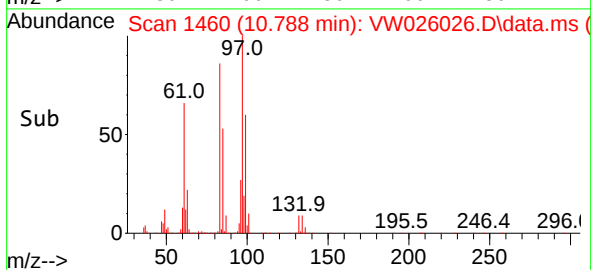
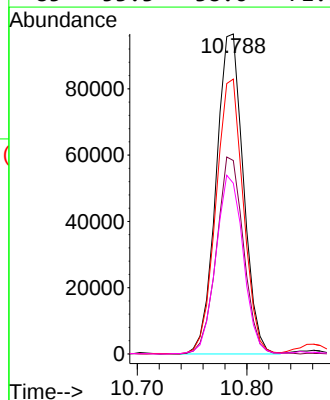
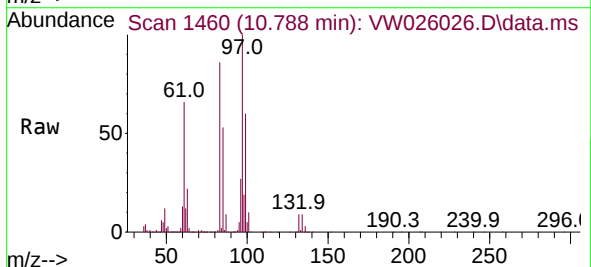
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

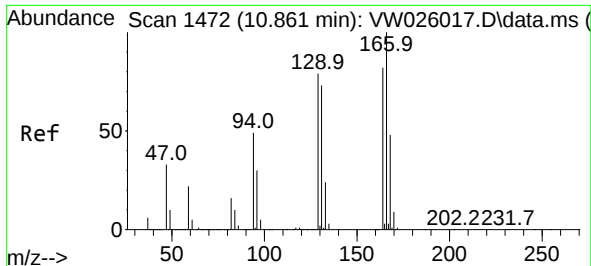
Tgt Ion: 75 Resp: 296351
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 25.188 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 97 Resp: 167079
Ion Ratio Lower Upper
97 100
99 60.5 44.5 82.7
83 85.9 63.0 117.0
85 53.3 38.6 71.8



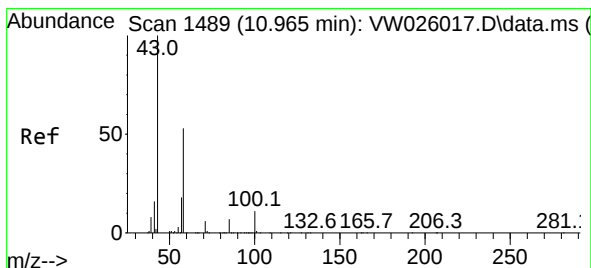
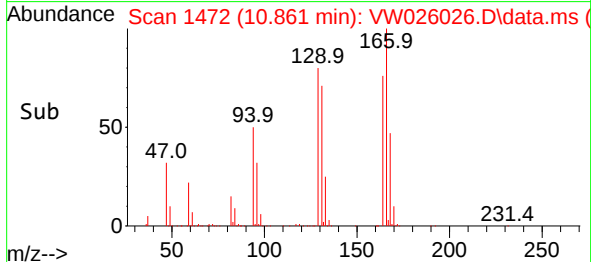
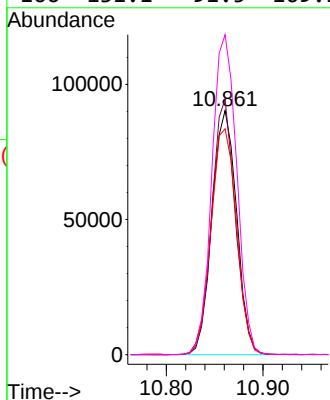
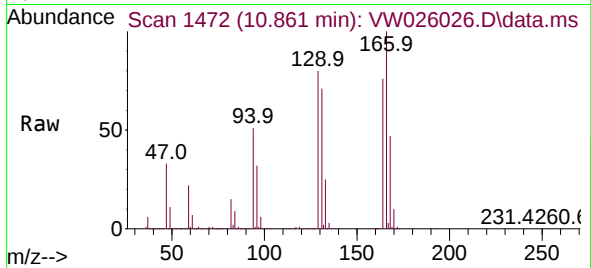


#46
Tetrachloroethene
Concen: 24.463 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

Tgt Ion:164 Resp: 159836

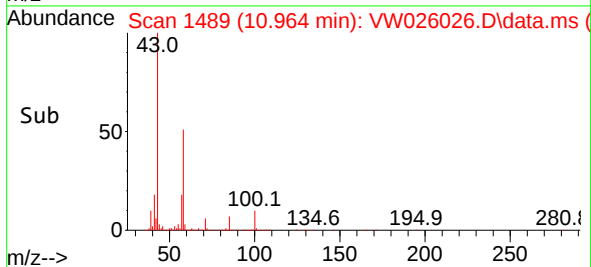
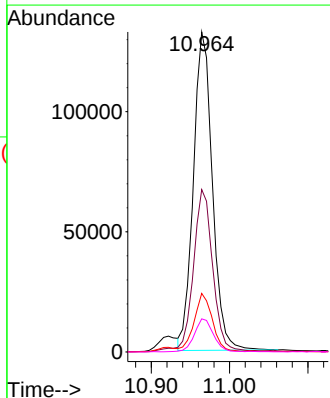
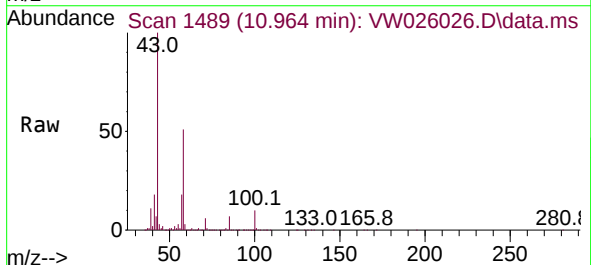
Ion	Ratio	Lower	Upper
164	100		
129	104.7	74.3	138.1
131	92.5	71.3	132.3
166	131.1	91.5	169.9

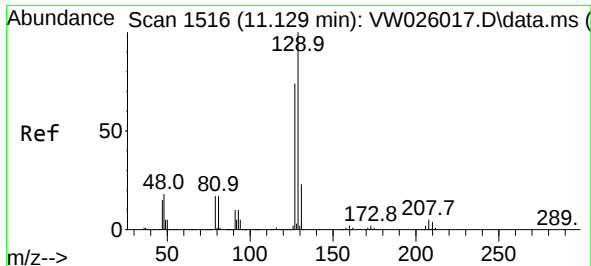


#48
2-Hexanone
Concen: 48.461 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 43 Resp: 224078

Ion	Ratio	Lower	Upper
43	100		
58	52.2	40.8	61.2
57	17.4	13.6	20.4
100	10.4	8.0	12.0





#49

Dibromochloromethane

Concen: 25.006 ug/L

RT: 11.123 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

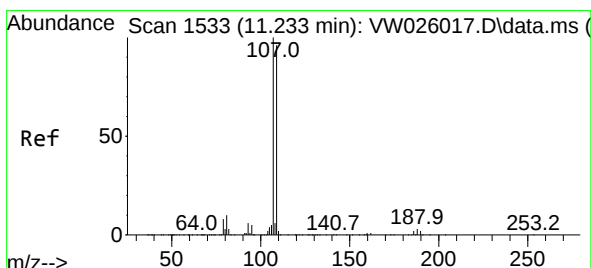
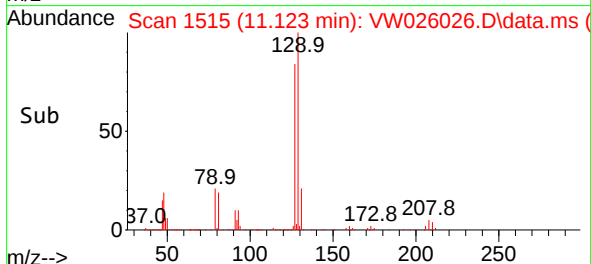
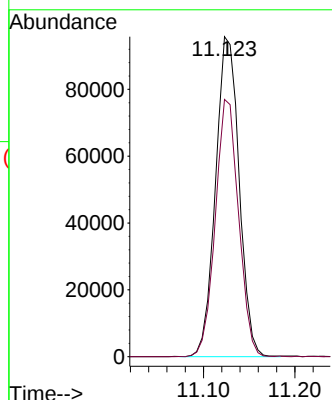
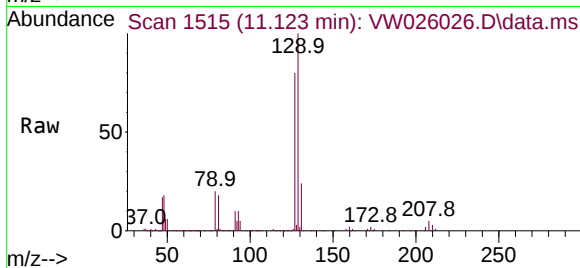
VSTD025496

Tgt Ion:129 Resp: 171721

Ion Ratio Lower Upper

129 100

127 80.4 56.1 104.3



#50

1,2-Dibromoethane

Concen: 24.062 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

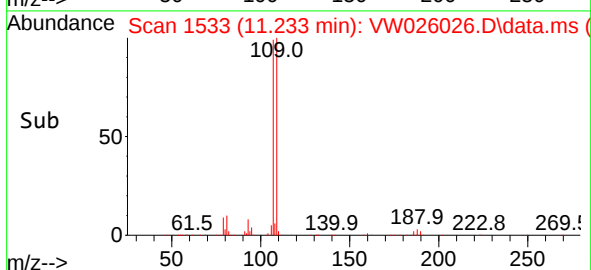
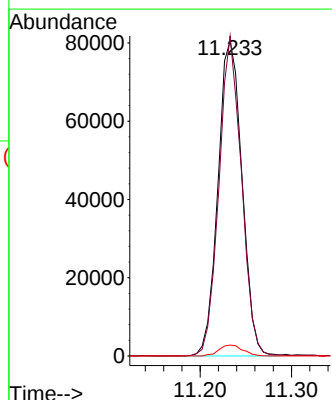
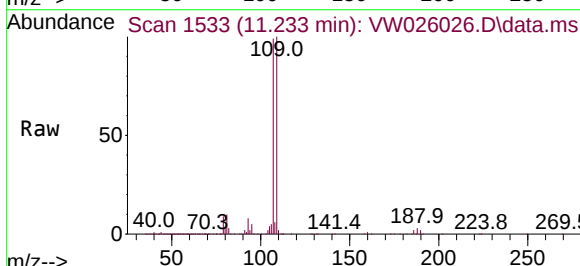
Tgt Ion:107 Resp: 147140

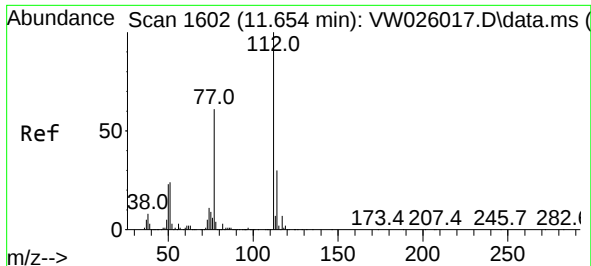
Ion Ratio Lower Upper

107 100

109 101.5 67.5 125.4

188 3.5 2.6 4.0

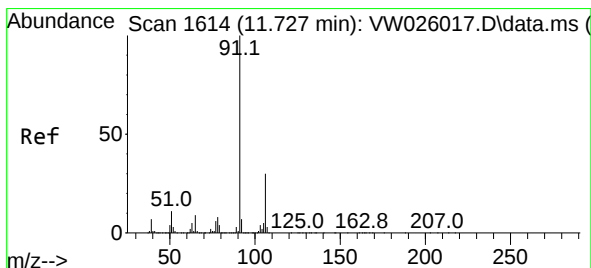
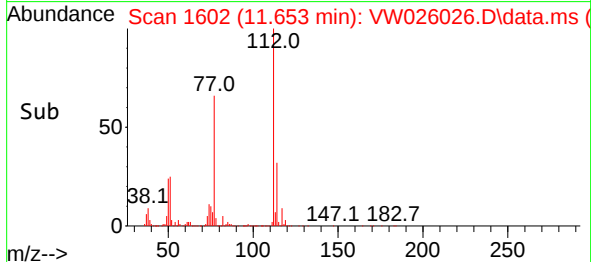
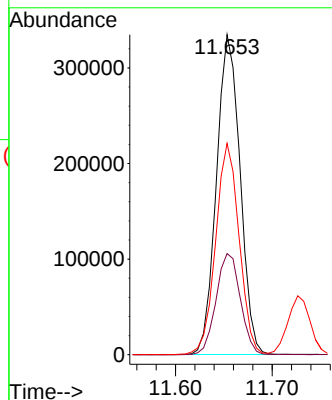
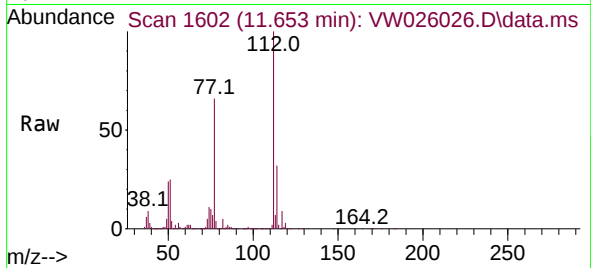




#51
Chlorobenzene
Concen: 24.736 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

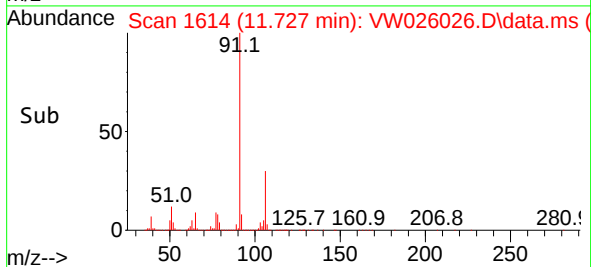
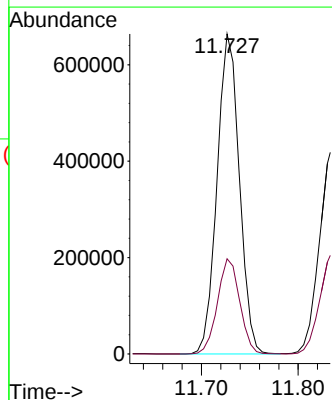
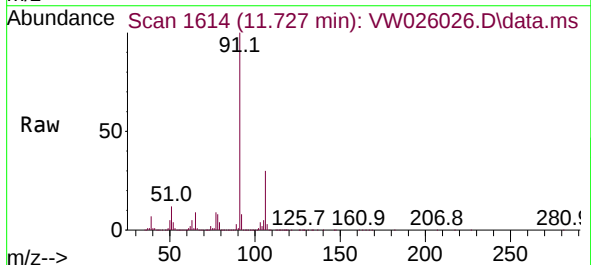
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

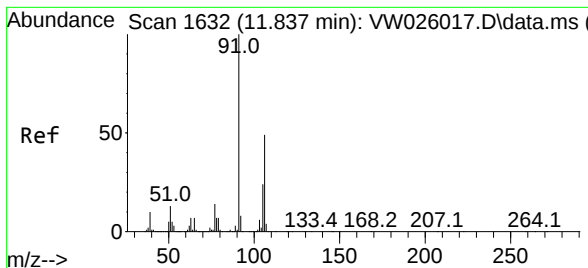
Tgt Ion:112 Resp: 566707
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.3
77 66.0 53.0 79.6



#52
Ethylbenzene
Concen: 25.478 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 91 Resp: 1059884
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6

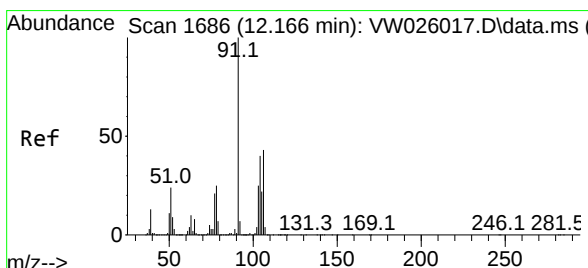
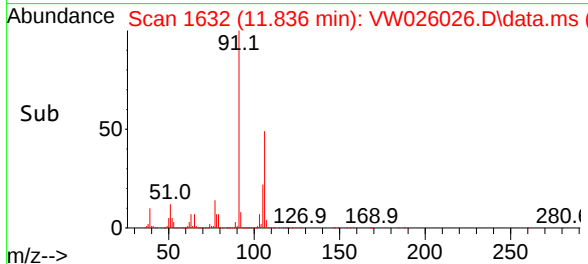
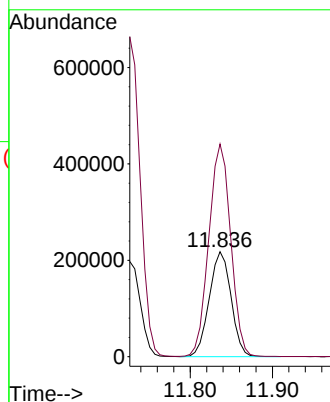
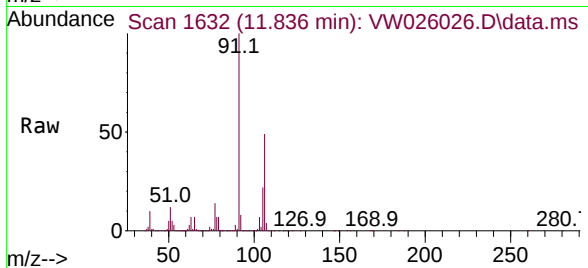




#53
m,p-Xylene
Concen: 26.162 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

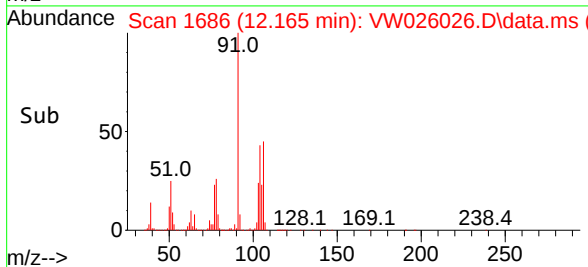
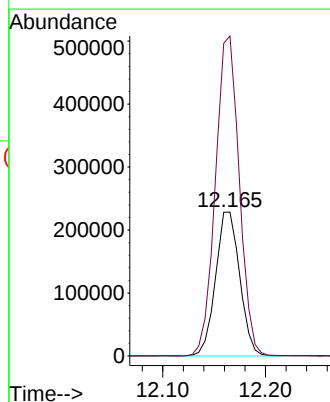
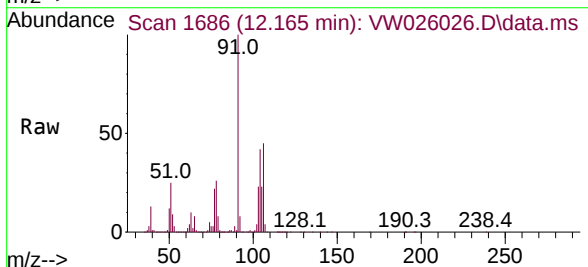
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

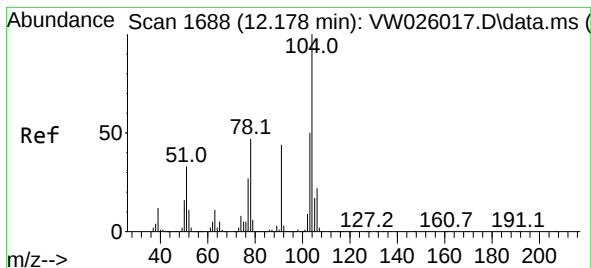
Tgt Ion:106 Resp: 400554
Ion Ratio Lower Upper
106 100
91 202.6 150.1 278.9



#54
o-Xylene
Concen: 25.808 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion:106 Resp: 372440
Ion Ratio Lower Upper
106 100
91 222.5 157.8 293.1





#55

Styrene

Concen: 26.354 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

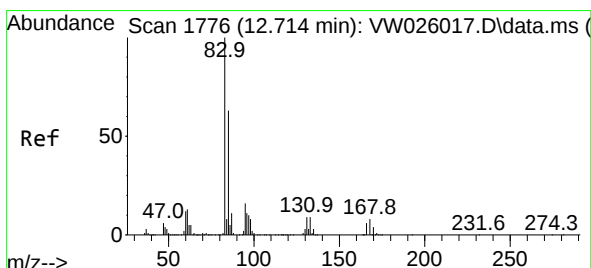
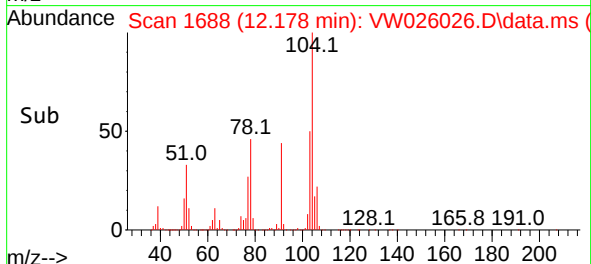
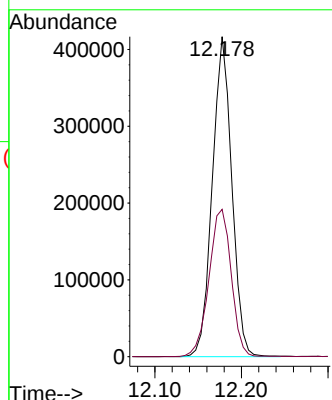
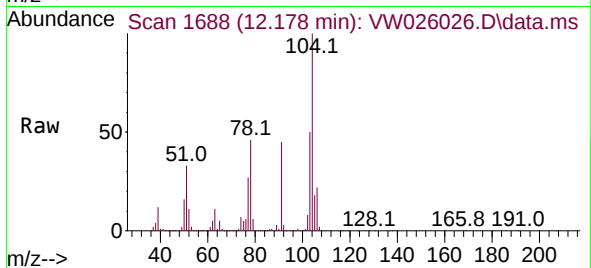
VSTD025496

Tgt Ion:104 Resp: 650937

Ion Ratio Lower Upper

104 100

78 46.1 33.4 62.0



#57

1,1,2,2-Tetrachloroethane

Concen: 24.846 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

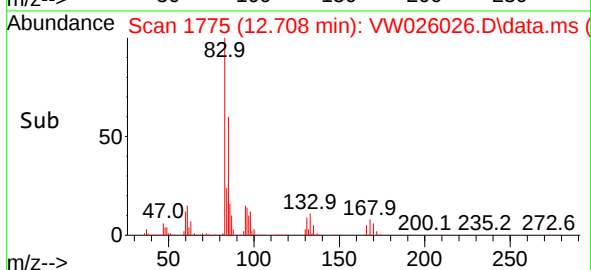
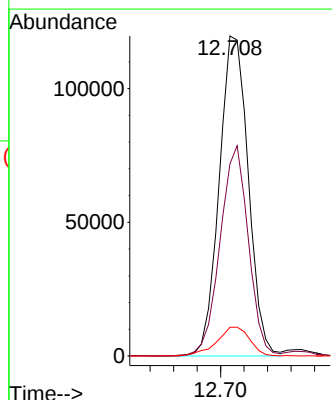
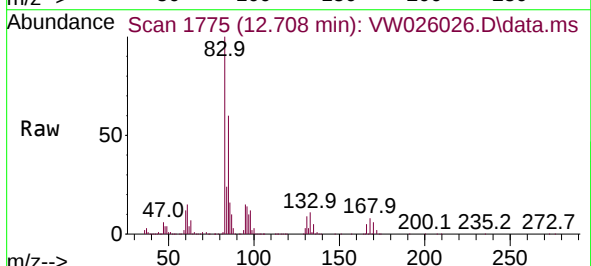
Tgt Ion: 83 Resp: 205644

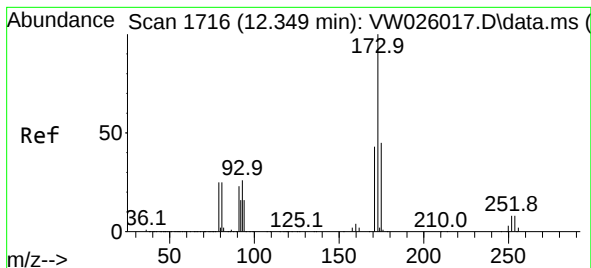
Ion Ratio Lower Upper

83 100

85 60.0 45.6 84.8

131 8.9 8.1 12.1





#59

Bromoform

Concen: 23.910 ug/L

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

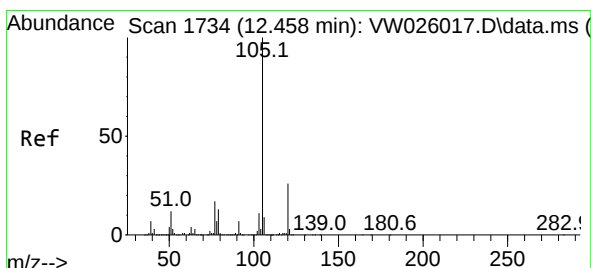
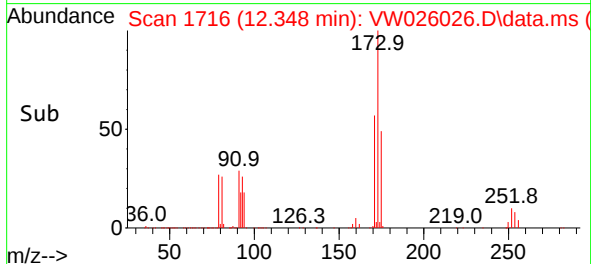
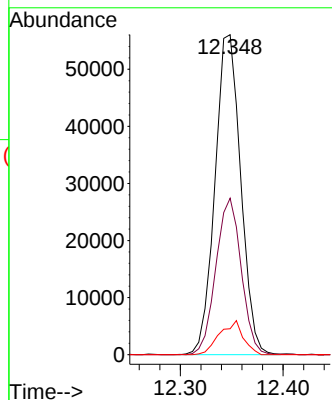
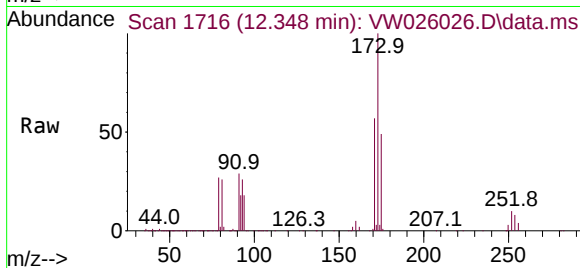
Tgt Ion:173 Resp: 97525

Ion Ratio Lower Upper

173 100

175 48.0 38.6 57.8

254 9.7 7.6 11.4



#60

Isopropylbenzene

Concen: 24.886 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

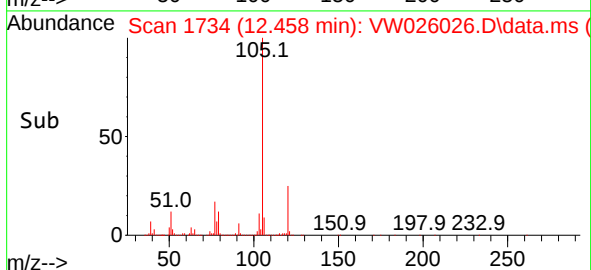
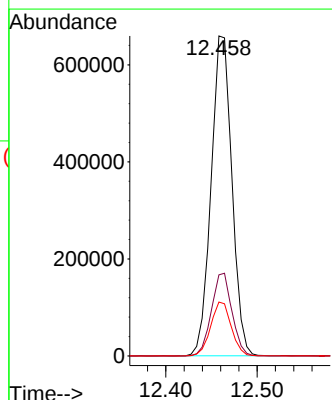
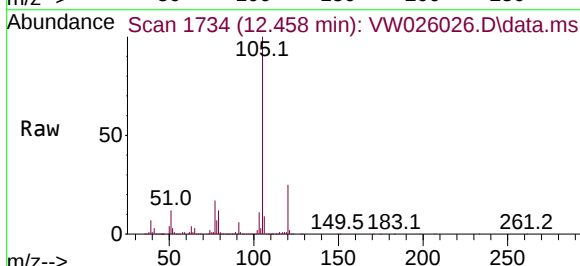
Tgt Ion:105 Resp: 1041688

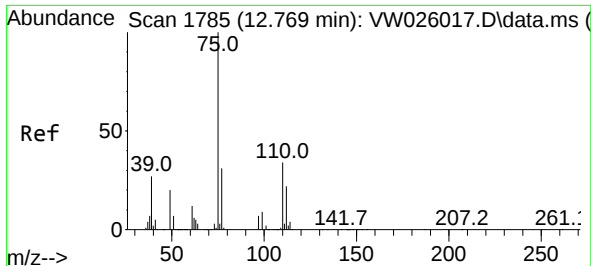
Ion Ratio Lower Upper

105 100

120 25.6 21.1 31.7

77 16.6 13.4 20.0

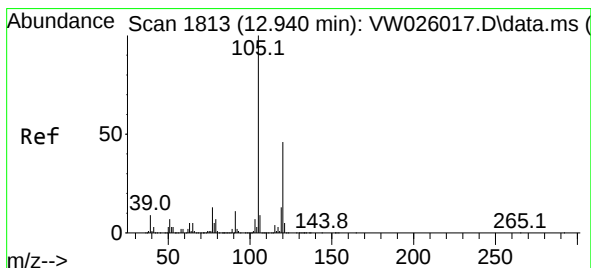
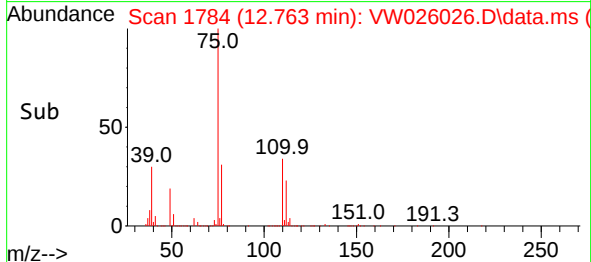
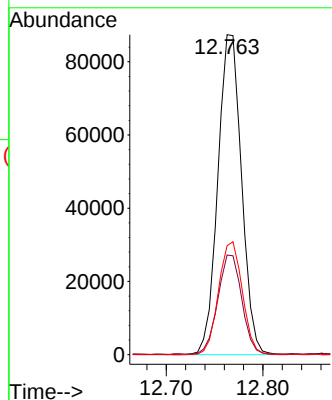
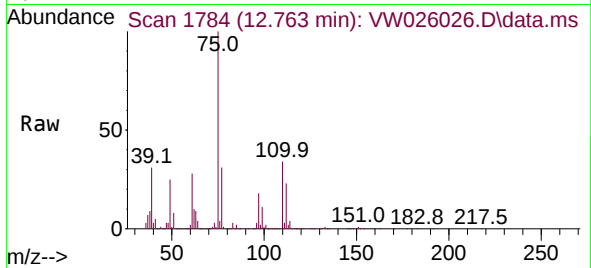




#61
1,2,3-Trichloropropane
Concen: 22.835 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

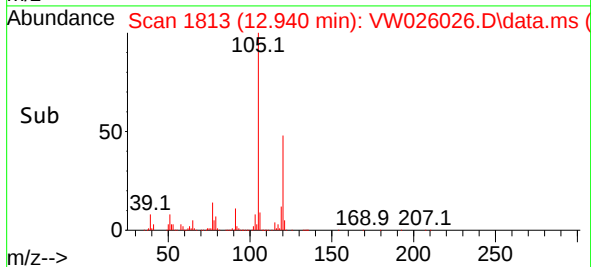
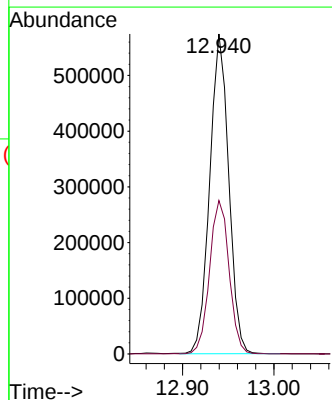
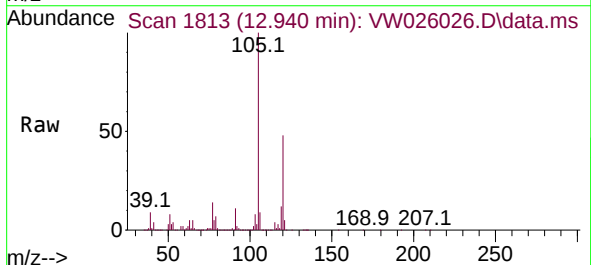
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

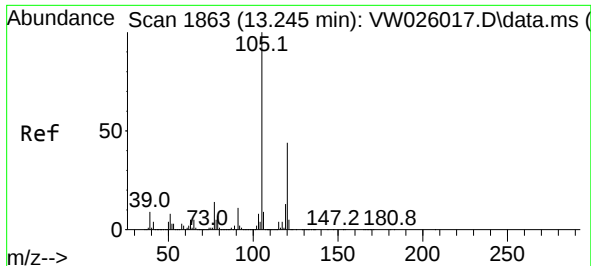
Tgt Ion: 75 Resp: 148614
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
110 35.4 27.6 41.4



#62
1,3,5-Trimethylbenzene
Concen: 24.979 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion: 105 Resp: 828136
Ion Ratio Lower Upper
105 100
120 49.3 37.1 55.7

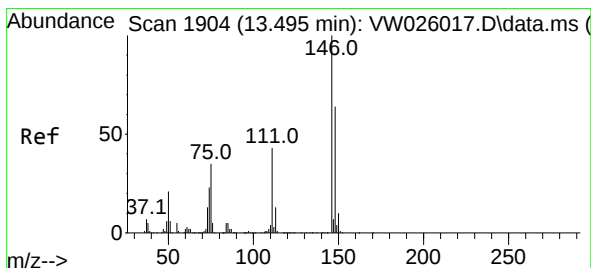
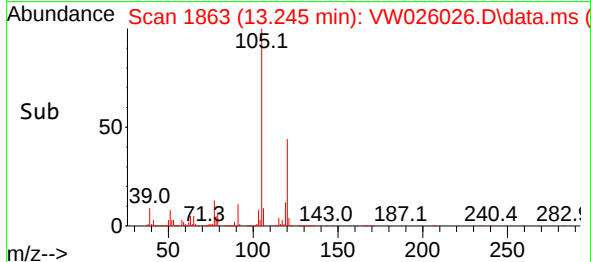
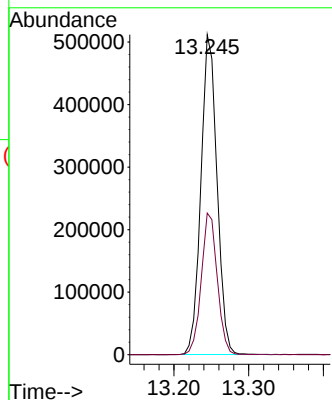
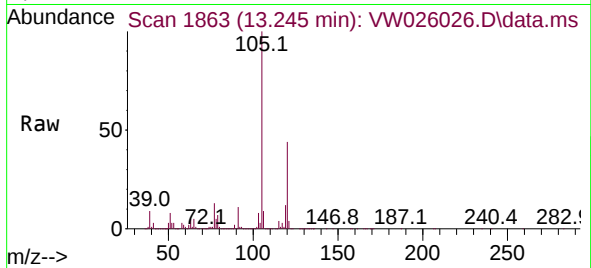




#63
1,2,4-Trimethylbenzene
Concen: 24.983 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

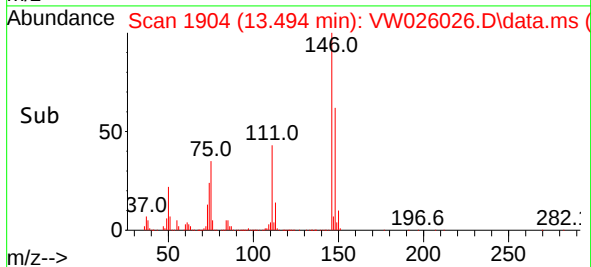
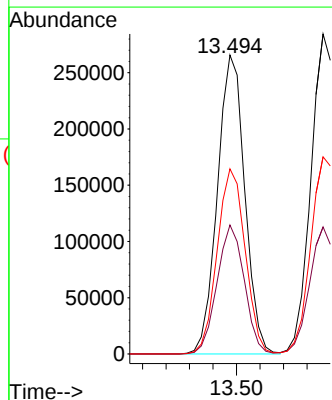
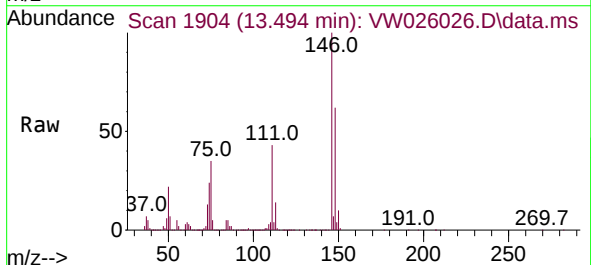
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

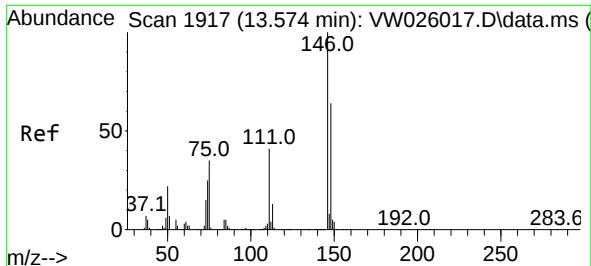
Tgt Ion:105 Resp: 764351
Ion Ratio Lower Upper
105 100
120 43.9 34.7 52.1



#64
1,3-Dichlorobenzene
Concen: 23.895 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion:146 Resp: 430581
Ion Ratio Lower Upper
146 100
111 43.1 30.4 56.4
148 61.9 40.8 75.8

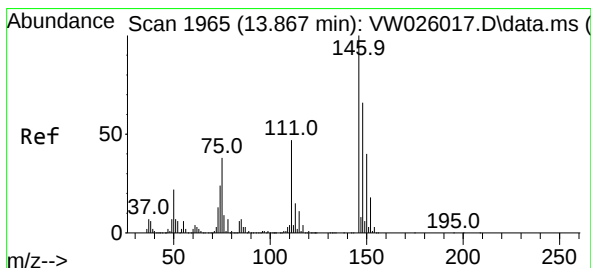
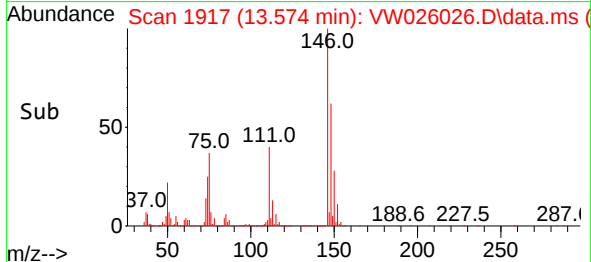
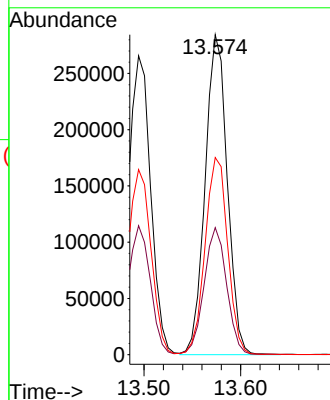
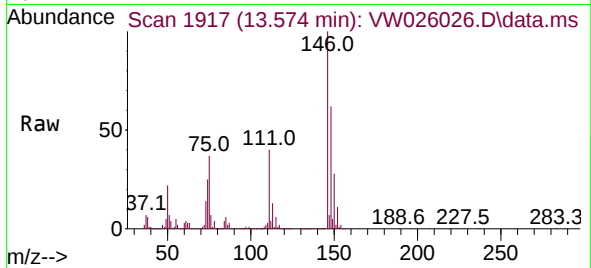




#65
1,4-Dichlorobenzene
Concen: 24.882 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

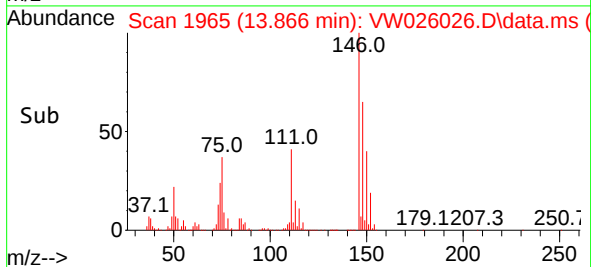
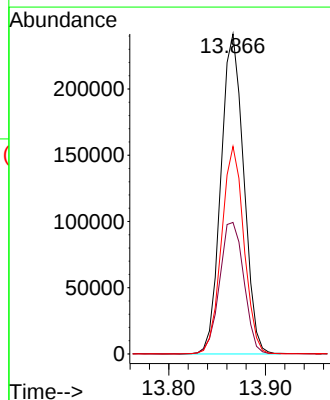
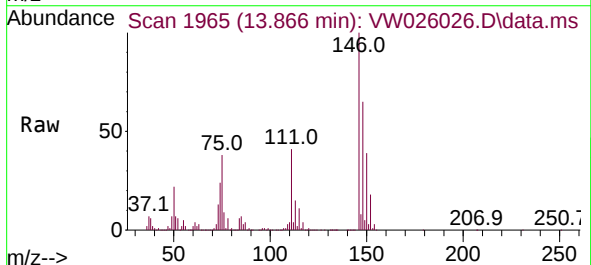
Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

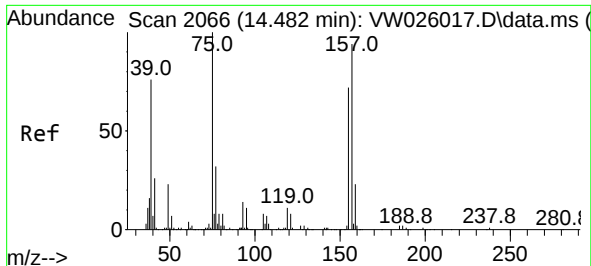
Tgt Ion:146 Resp: 452971
Ion Ratio Lower Upper
146 100
111 39.7 27.9 51.9
148 61.6 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 24.539 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Tgt Ion:146 Resp: 394343
Ion Ratio Lower Upper
146 100
111 41.1 37.7 56.5
148 64.8 49.4 74.0





#68

1,2-Dibromo-3-chloropropane

Concen: 21.600 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

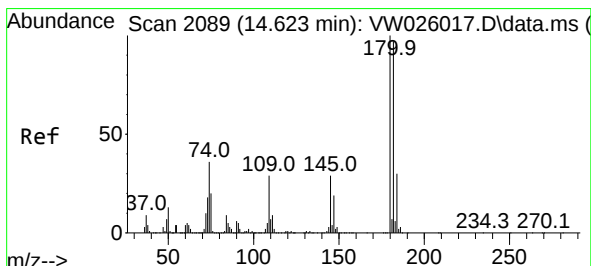
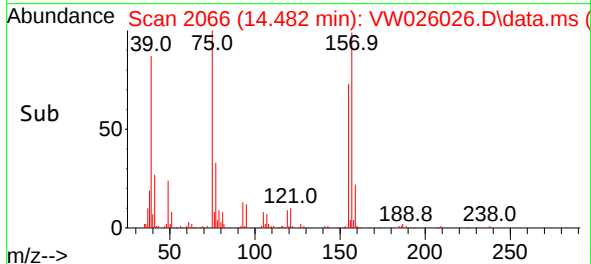
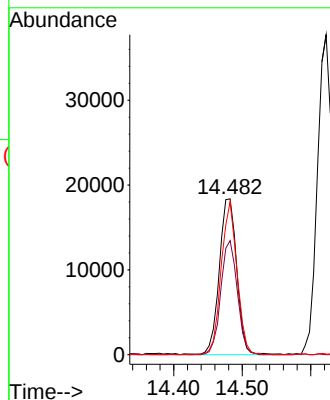
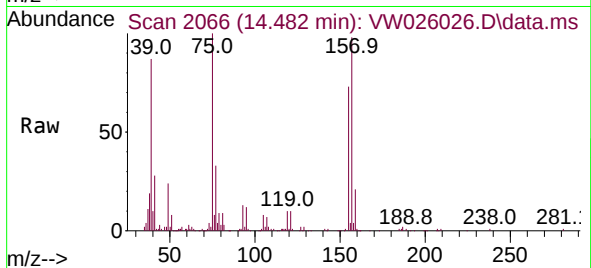
Tgt Ion: 75 Resp: 32597

Ion Ratio Lower Upper

75 100

155 73.2 56.3 84.5

157 98.1 66.3 99.5



#69

1,3,5-Trichlorobenzene

Concen: 23.605 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Tgt Ion:180 Resp: 282343

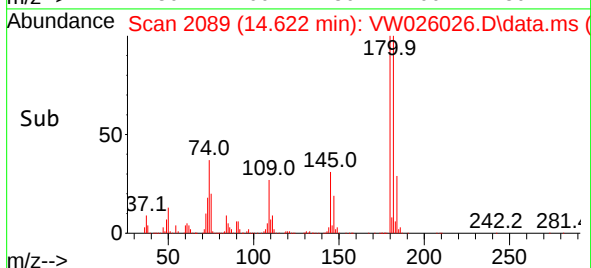
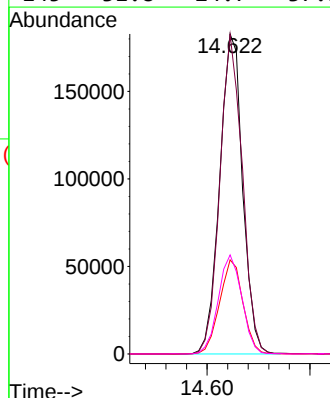
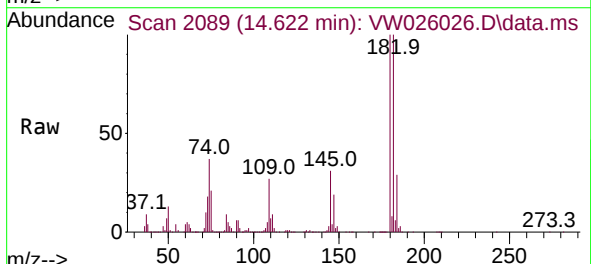
Ion Ratio Lower Upper

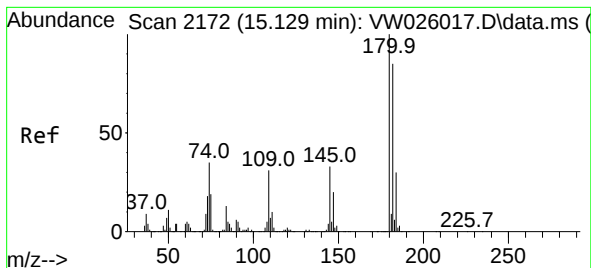
180 100

182 97.8 77.4 116.0

184 30.0 24.7 37.1

145 31.8 24.7 37.1





#70

1,2,4-trichlorobenzene

Concen: 22.989 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025496

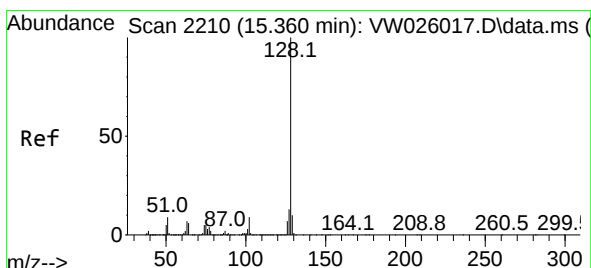
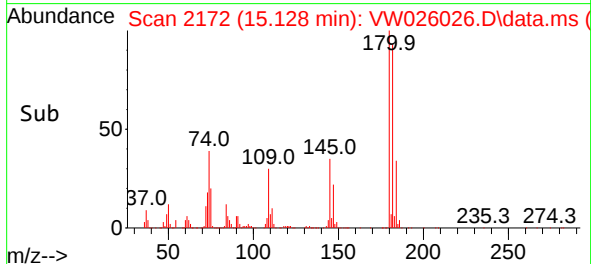
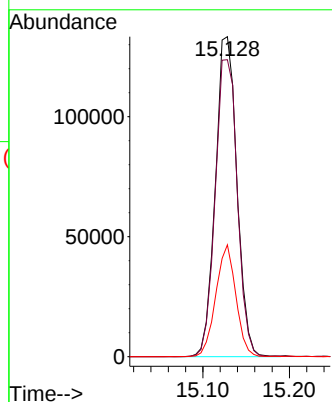
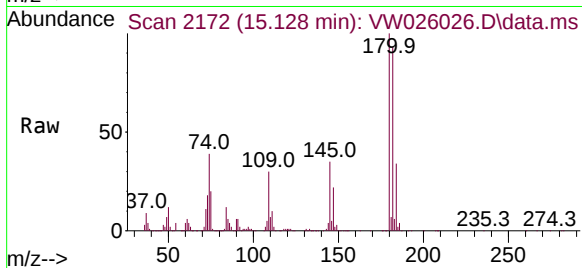
Tgt Ion:180 Resp: 230368

Ion Ratio Lower Upper

180 100

182 95.3 74.3 111.5

145 32.6 25.4 38.0



#71

Naphthalene

Concen: 22.100 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026026.D

Acq: 24 May 2023 08:44

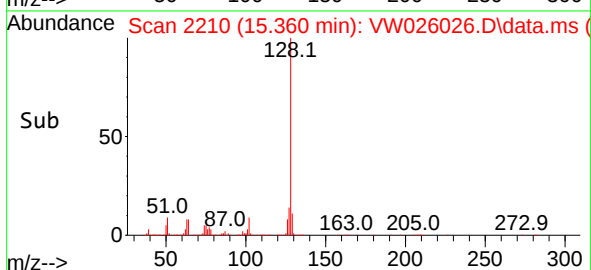
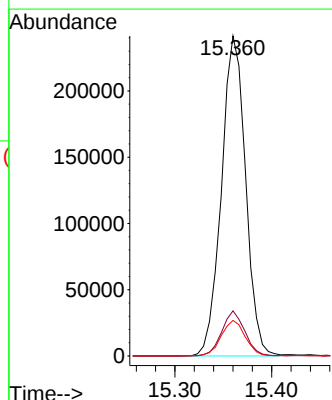
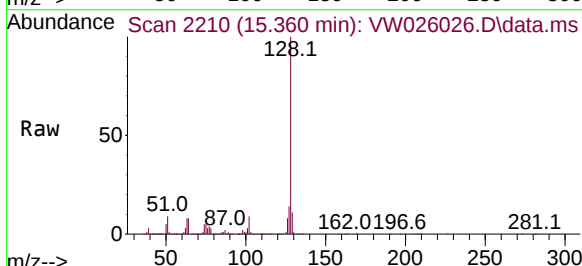
Tgt Ion:128 Resp: 417982

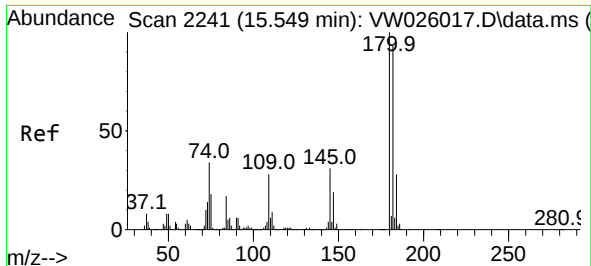
Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

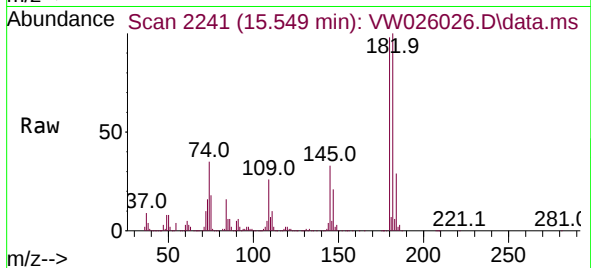
129 11.1 8.5 12.7





#72
1,2,3-Trichlorobenzene
Concen: 24.128 ug/L
RT: 15.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026026.D
Acq: 24 May 2023 08:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025496



Tgt Ion:180 Resp: 214530
Ion Ratio Lower Upper
180 100
182 91.4 76.1 114.1
145 32.8 28.0 42.0

