

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052623\
 Data File : VW026053.D
 Acq On : 26 May 2023 08:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: May 26 23:07:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	608339	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	298255	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	190935	19.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
7) Chloroethane-d5	2.899	69	176088	24.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.160%
11) 1,1-Dichloroethene-d2	4.021	65	100997	21.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.075	46	207399	65.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.980%
24) Chloroform-d	7.648	84	508286	26.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.320%
26) 1,2-Dichloroethane-d4	8.300	65	288095	26.136	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.560%
32) Benzene-d6	8.270	84	930954	23.420	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	9.270	67	314840	24.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	10.318	98	813540	22.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.574	79	127245	24.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.720%
47) 2-Hexanone-d5	10.922	63	149844	69.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.180%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	287328	29.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	284698	26.185	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.720%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.015	85	156262	20.690	ug/L	96
3) Chloromethane	2.222	50	260234	23.369	ug/L	96
5) Vinyl chloride	2.374	62	312850	27.143	ug/L	99
6) Bromomethane	2.783	94	169541	27.044	ug/L	98
8) Chloroethane	2.929	64	190647	29.089	ug/L	96
9) Trichlorofluoromethane	3.258	101	210140	24.158	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	264046	27.911	ug/L	98
12) 1,1-Dichloroethene	4.039	96	241407	26.701	ug/L	96
13) Acetone	4.118	43	169109	60.222	ug/L	97
14) Carbon disulfide	4.386	76	670352	21.925	ug/L	100
15) Methyl Acetate	4.667	43	152128	27.491	ug/L	99
16) Methylene chloride	4.917	84	274082	19.660	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	251793	25.529	ug/L	99
18) Methyl tert-butyl Ether	5.417	73	466309	31.150	ug/L	99
19) 1,1-Dichloroethane	6.215	63	550760	27.179	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	288707	27.284	ug/L	98
22) 2-Butanone	7.166	43	219301	56.558	ug/L	98
23) Bromochloromethane	7.508	128	119020	26.550	ug/L	97
25) Chloroform	7.672	83	524761	28.176	ug/L	100

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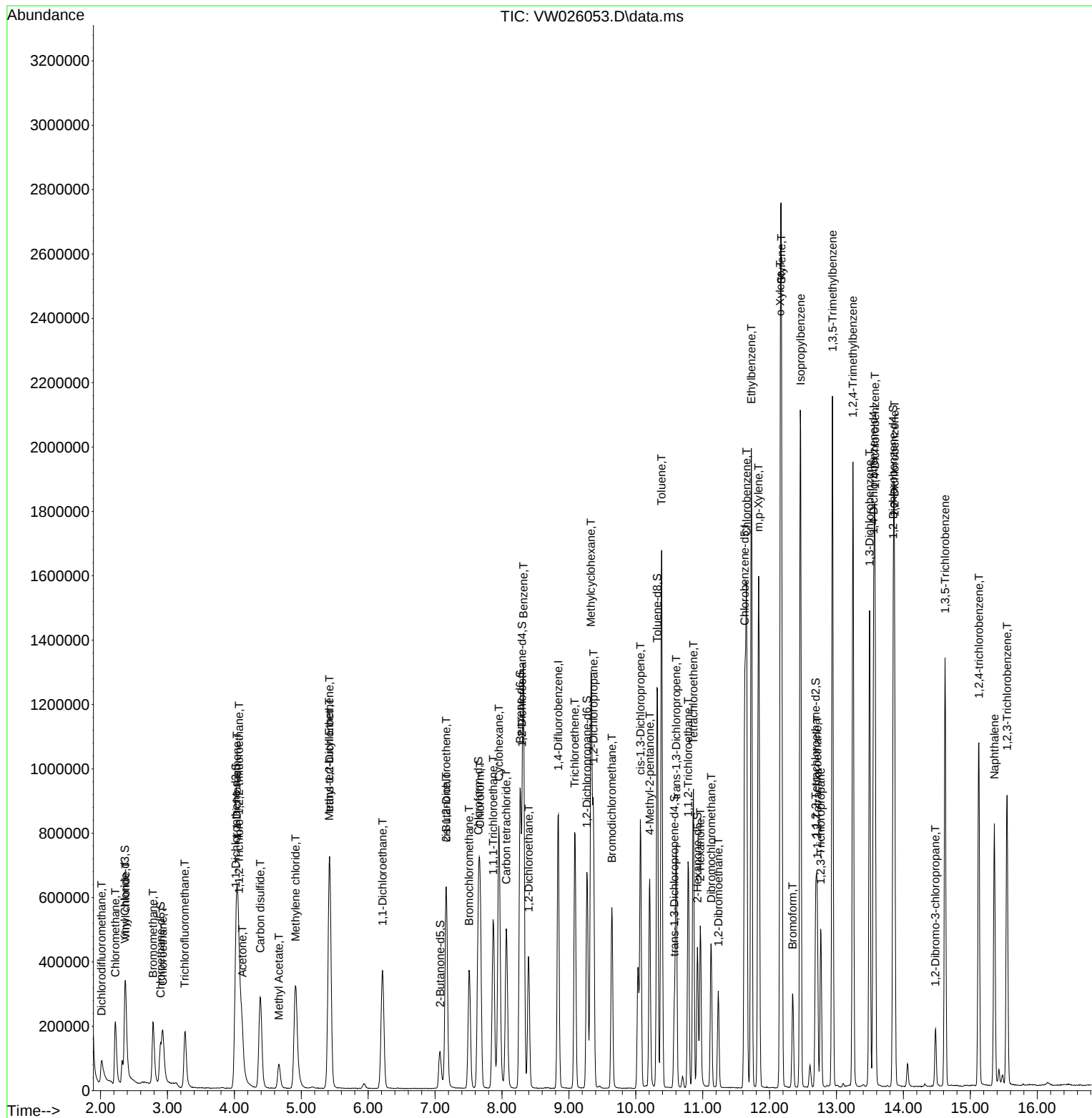
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	373830	28.263	ug/L	97
29) Cyclohexane	7.953	56	486062	25.783	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	423699	28.479	ug/L	99
31) Carbon tetrachloride	8.063	117	371177	27.723	ug/L	100
33) Benzene	8.319	78	1116224	26.521	ug/L	100
34) Trichloroethene	9.087	95	286442	26.522	ug/L	98
35) Methylcyclohexane	9.331	83	497311	25.890	ug/L	99
37) 1,2-Dichloropropane	9.367	63	308332	26.739	ug/L	99
38) Bromodichloromethane	9.641	83	372006	28.120	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	464368	27.461	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	448954	59.815	ug/L	99
42) Toluene	10.385	91	1161086	26.999	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	397476	28.367	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	217943	28.255	ug/L	97
46) Tetrachloroethene	10.861	164	191952	25.263	ug/L	94
48) 2-Hexanone	10.964	43	336129	62.513	ug/L	100
49) Dibromochloromethane	11.129	129	226271	28.335	ug/L	95
50) 1,2-Dibromoethane	11.233	107	194891	27.407	ug/L	99
51) Chlorobenzene	11.653	112	719622	27.012	ug/L	100
52) Ethylbenzene	11.726	91	1334210	27.581	ug/L	99
53) m,p-Xylene	11.836	106	492686	27.672	ug/L	94
54) o-Xylene	12.159	106	468069	27.892	ug/L	98
55) Styrene	12.178	104	815110	28.378	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	273021	28.367	ug/L	99
59) Bromoform	12.342	173	125107	28.319	ug/L	97
60) Isopropylbenzene	12.464	105	1344912	29.665	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	200269	28.412	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1095788	30.516	ug/L	99
63) 1,2,4-Trimethylbenzene	13.244	105	990529	29.893	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	550882	28.227	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	545579	27.670	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	482380	27.715	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	47510	29.067	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	362908	28.013	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	309289	28.498	ug/L	96
71) Naphthalene	15.360	128	634670	30.983	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	279086	28.981	ug/L	98

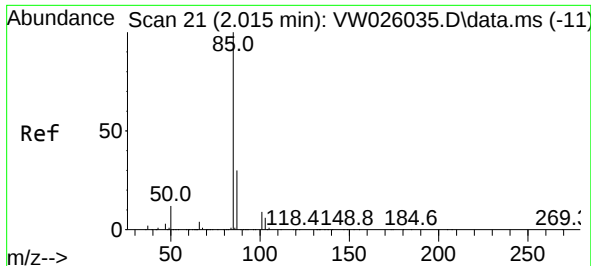
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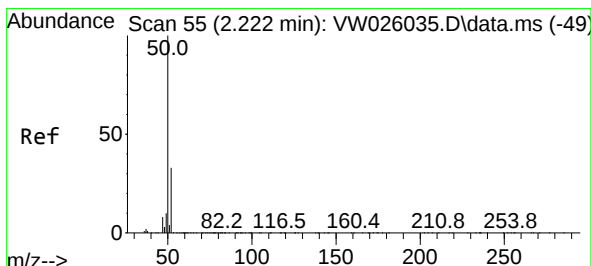
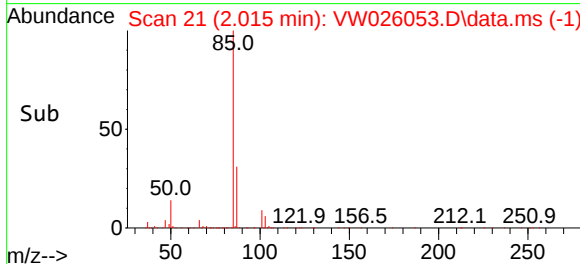
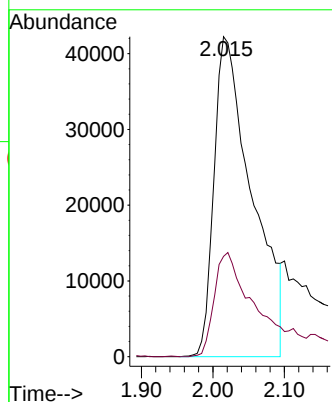
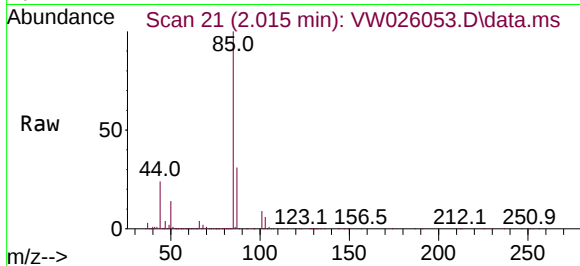




#2
 Dichlorodifluoromethane
 Concen: 20.690 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026053.D
 Acq: 26 May 2023 08:26

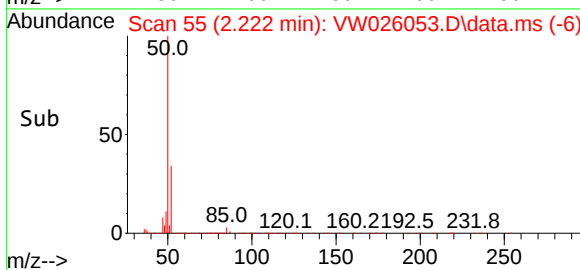
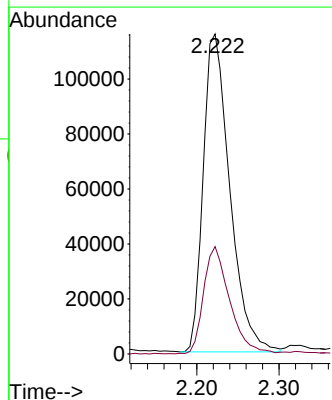
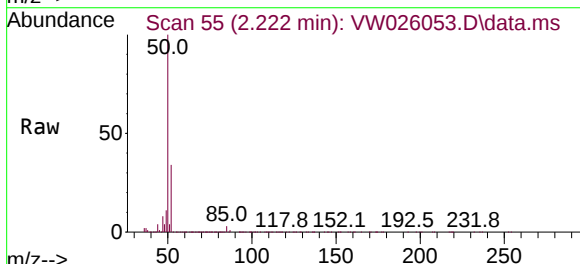
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 ClientSampleId :
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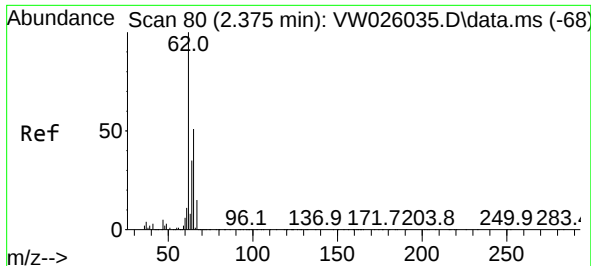
Tgt Ion: 85 Resp: 156262
 Ion Ratio Lower Upper
 85 100
 87 33.3 24.7 37.1



#3
 Chloromethane
 Concen: 23.369 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026053.D
 Acq: 26 May 2023 08:26

Tgt Ion: 50 Resp: 260234
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.1 41.1

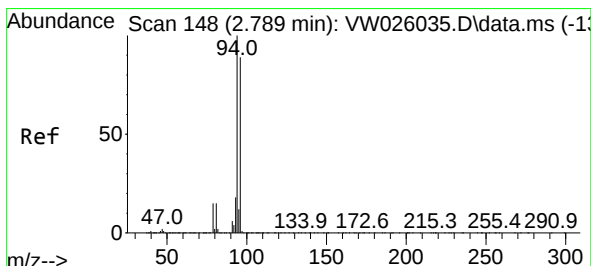
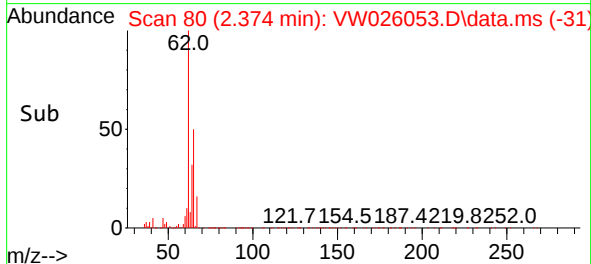
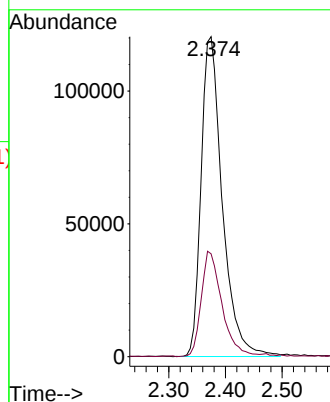
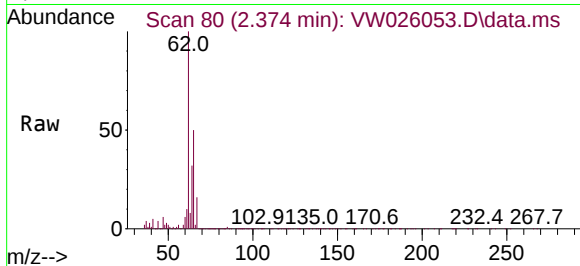




#5
 Vinyl chloride
 Concen: 27.143 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026053.D
 Acq: 26 May 2023 08:26

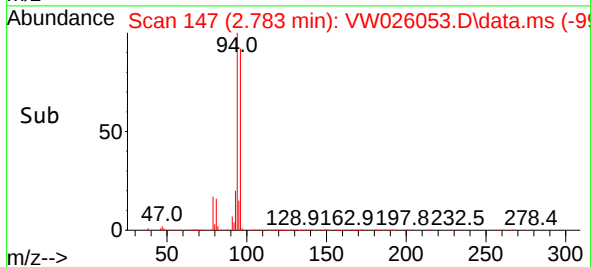
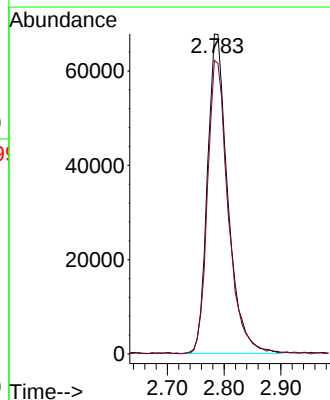
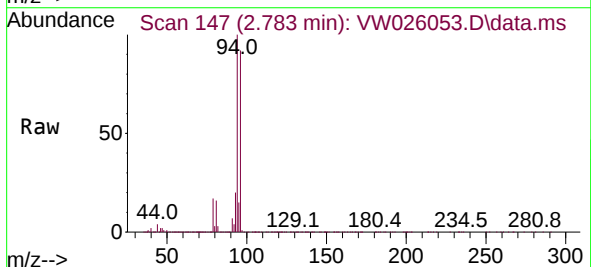
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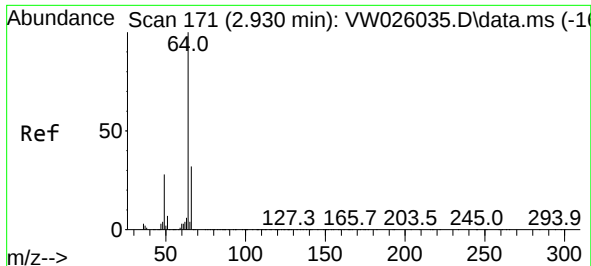
Tgt Ion: 62 Resp: 312850
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.7 42.3



#6
 Bromomethane
 Concen: 27.044 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026053.D
 Acq: 26 May 2023 08:26

Tgt Ion: 94 Resp: 169541
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.1 117.1

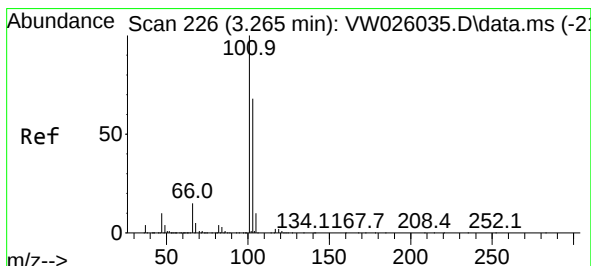
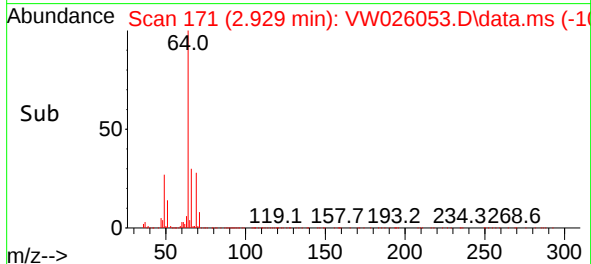
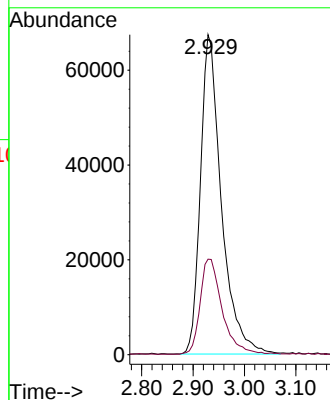
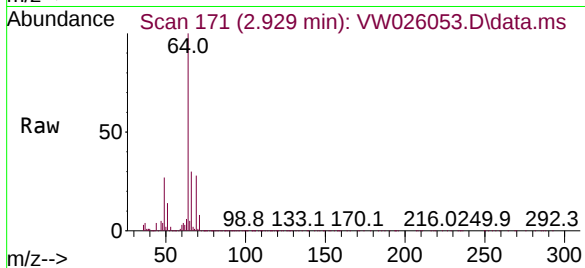




#8
Chloroethane
Concen: 29.089 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

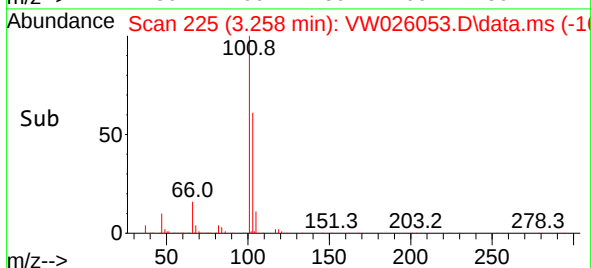
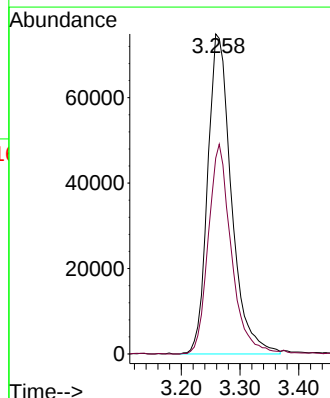
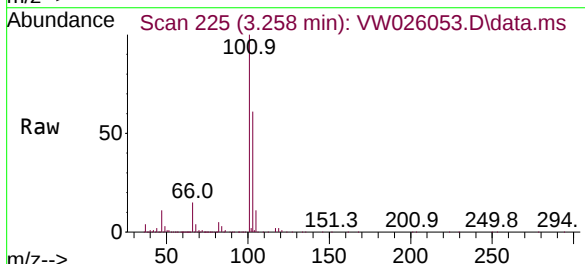
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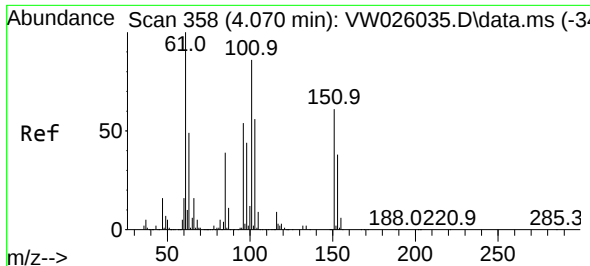
Tgt Ion: 64 Resp: 190647
Ion Ratio Lower Upper
64 100
66 29.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.158 ug/L
RT: 3.258 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 101 Resp: 210140
Ion Ratio Lower Upper
101 100
103 63.5 50.6 76.0

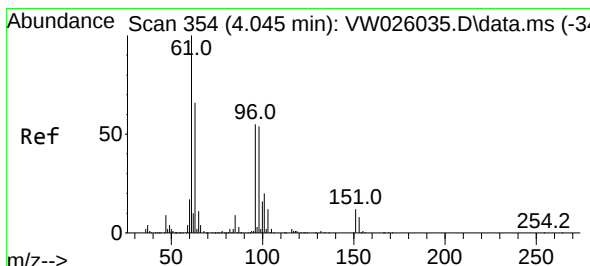
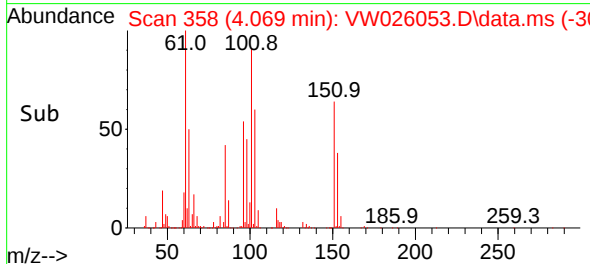
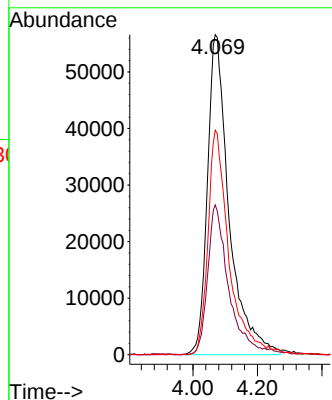
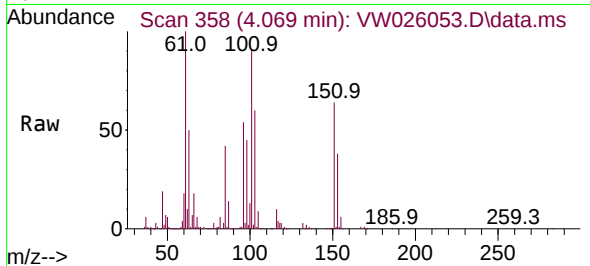




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.911 ug/L
 RT: 4.069 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW026053.D
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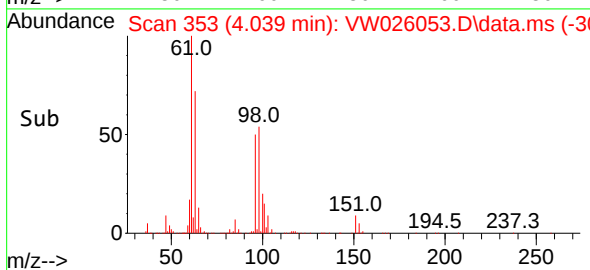
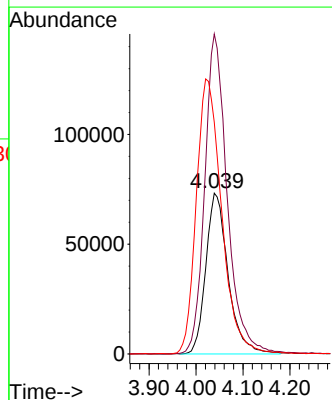
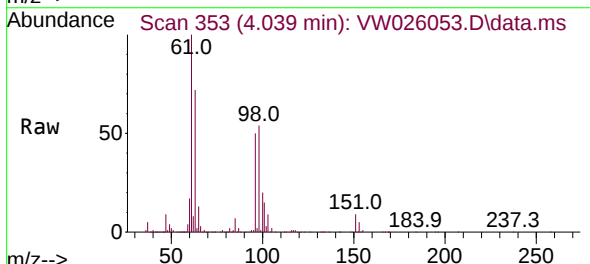
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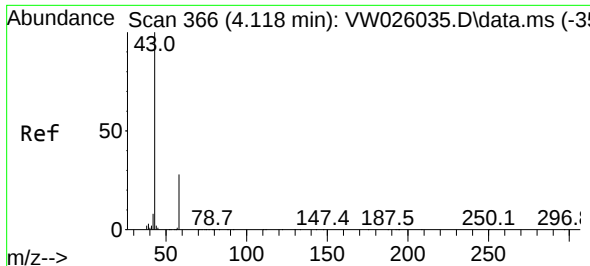
Tgt Ion:101 Resp: 264046
 Ion Ratio Lower Upper
 101 100
 85 45.1 33.9 50.9
 151 66.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 26.701 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026053.D
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Tgt Ion: 96 Resp: 241407
 Ion Ratio Lower Upper
 96 100
 61 199.0 135.0 250.8
 63 144.1 104.9 194.7

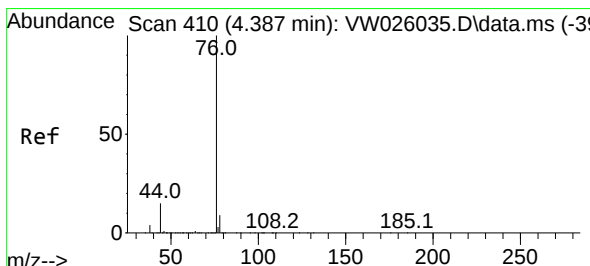
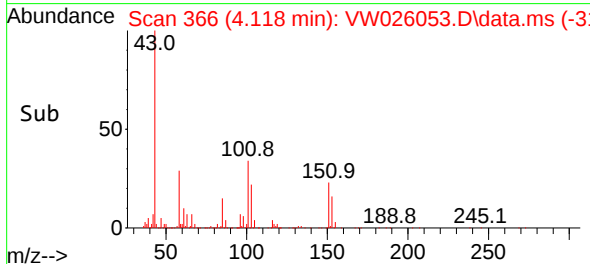
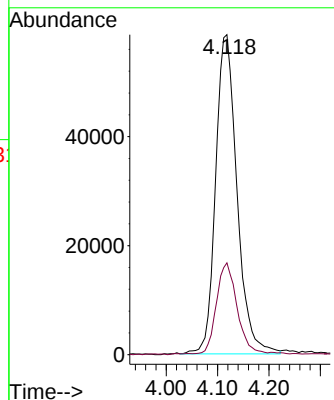
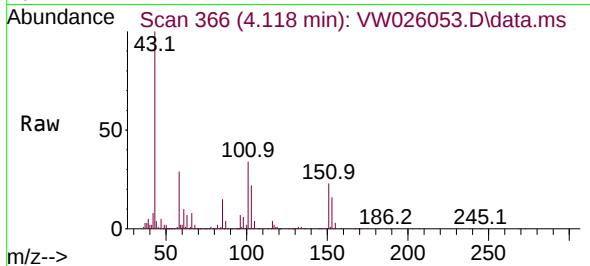




#13
Acetone
Concen: 60.222 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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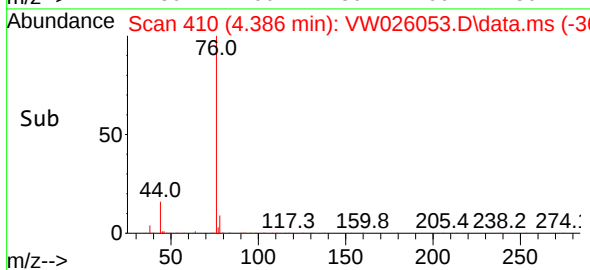
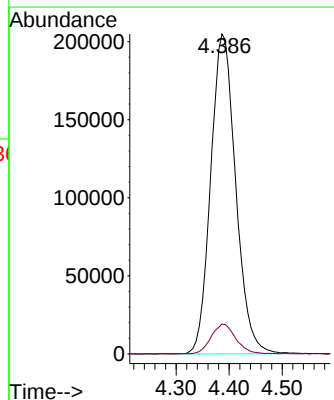
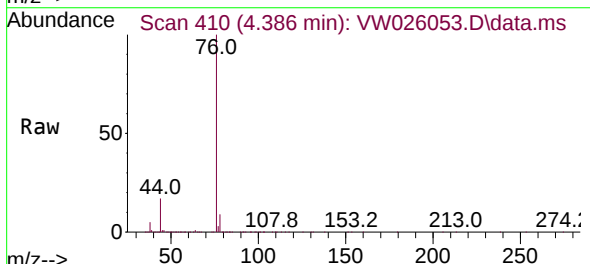
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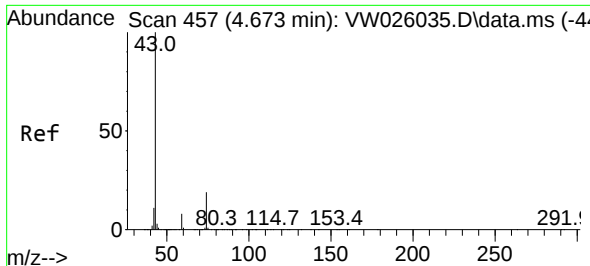
Tgt Ion: 43 Resp: 169109
Ion Ratio Lower Upper
43 100
58 27.7 0.0 58.2



#14
Carbon disulfide
Concen: 21.925 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 76 Resp: 670352
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

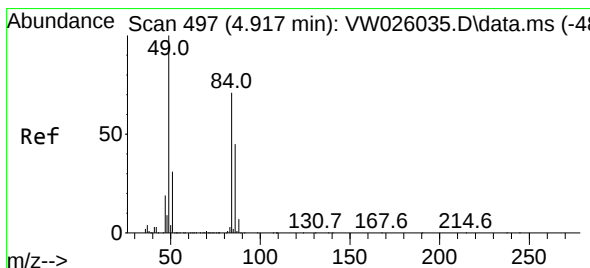
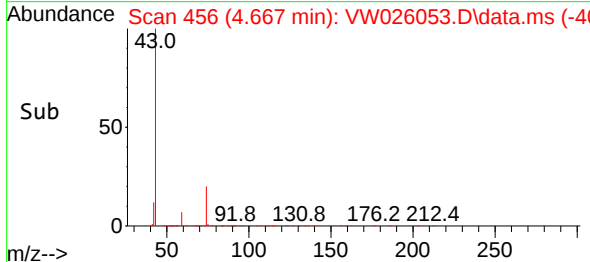
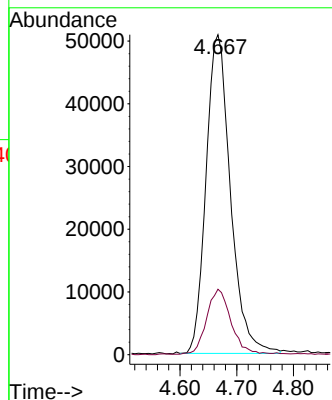
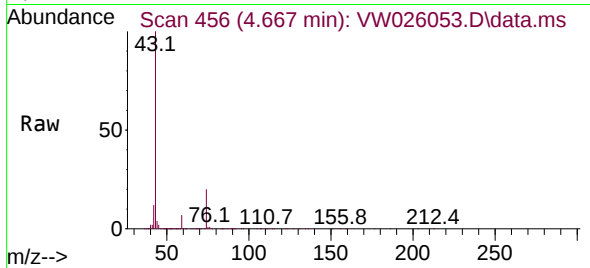




#15
Methyl Acetate
Concen: 27.491 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

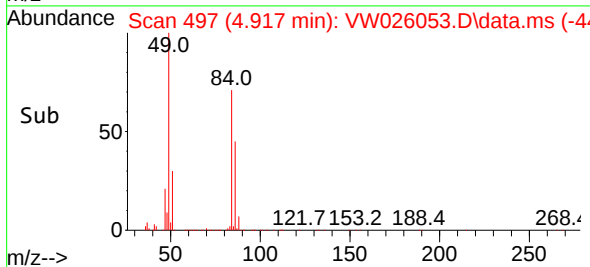
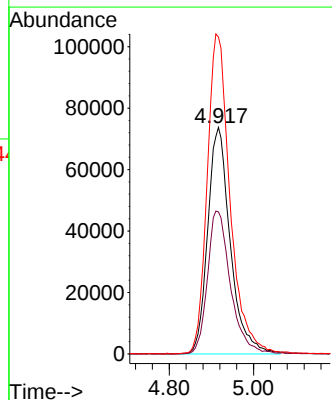
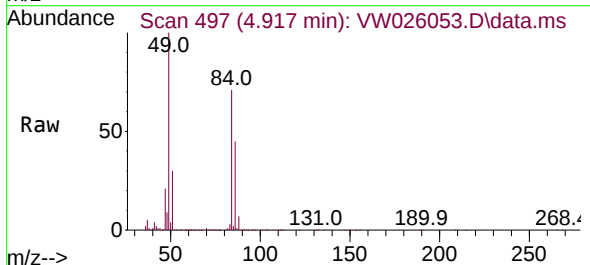
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

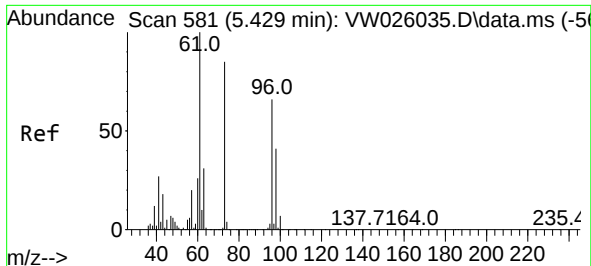
Tgt Ion: 43 Resp: 152128
Ion Ratio Lower Upper
43 100
74 20.0 16.5 24.7



#16
Methylene chloride
Concen: 19.660 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 84 Resp: 274082
Ion Ratio Lower Upper
84 100
86 62.8 41.7 77.5
49 139.9 95.3 177.1

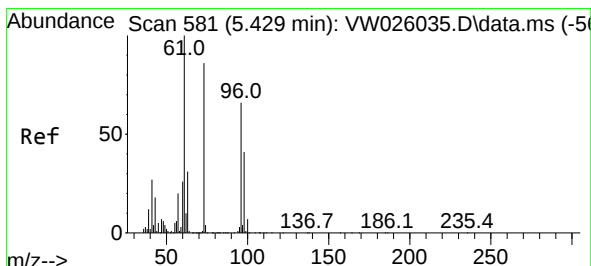
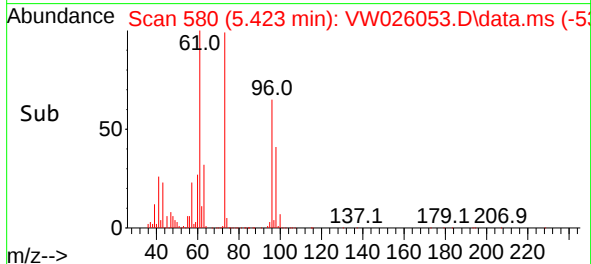
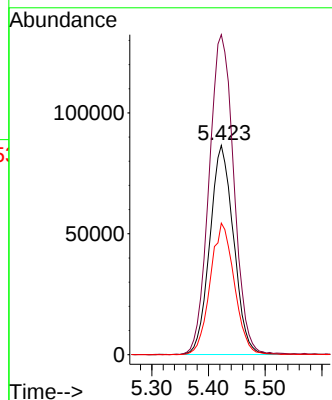
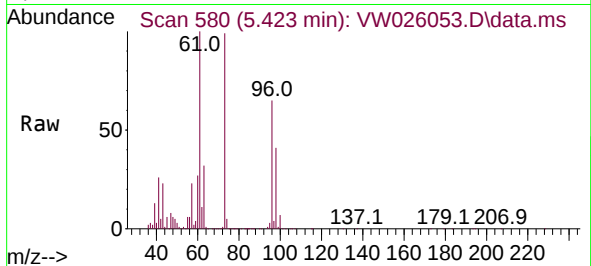




#17
trans-1,2-Dichloroethene
Concen: 25.529 ug/L
RT: 5.423 min Scan# 519
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

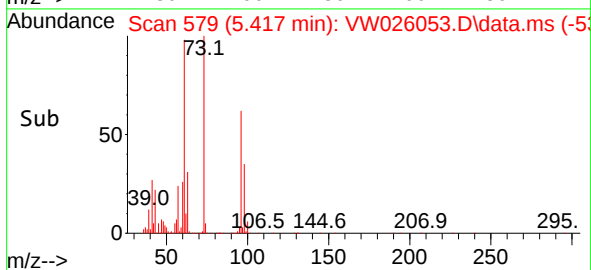
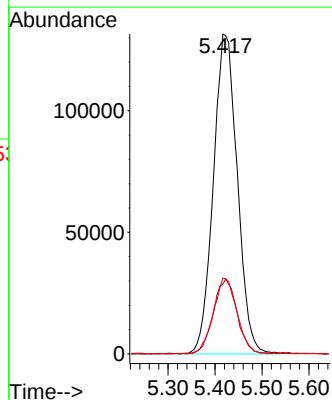
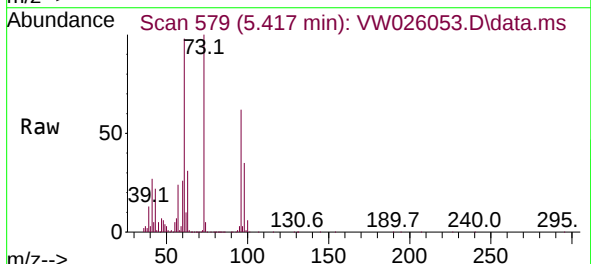
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

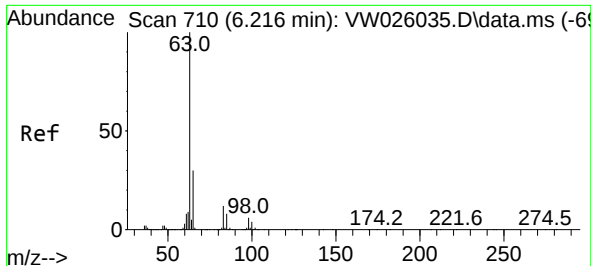
Tgt Ion: 96 Resp: 251793
Ion Ratio Lower Upper
96 100
61 152.9 108.1 200.9
98 62.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 31.150 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.013 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 73 Resp: 466309
Ion Ratio Lower Upper
73 100
43 23.1 18.2 27.4
57 23.2 19.2 28.8





#19

1,1-Dichloroethane

Concen: 27.179 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

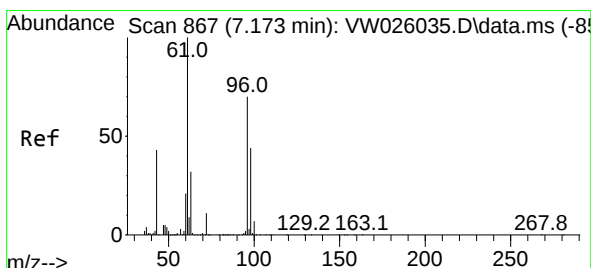
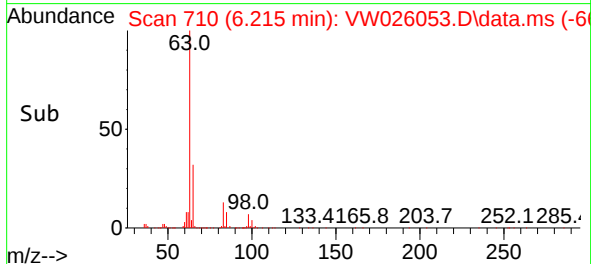
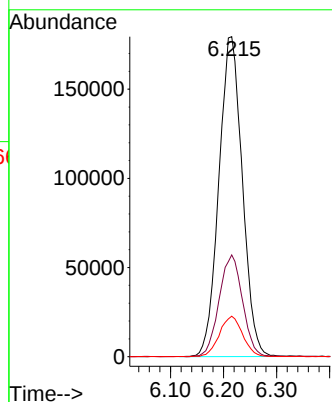
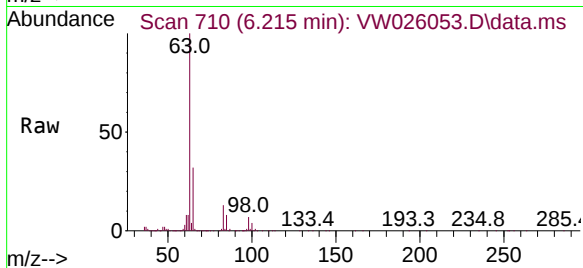
Tgt Ion: 63 Resp: 550760

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 12.7 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 27.284 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

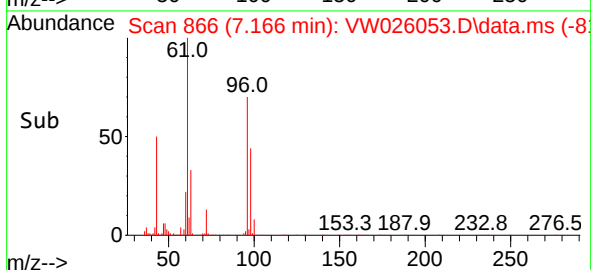
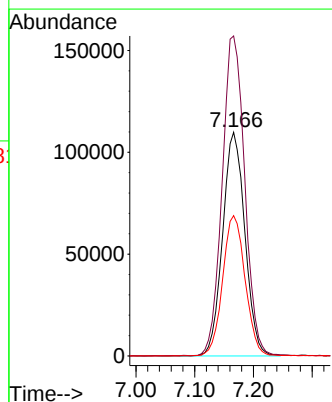
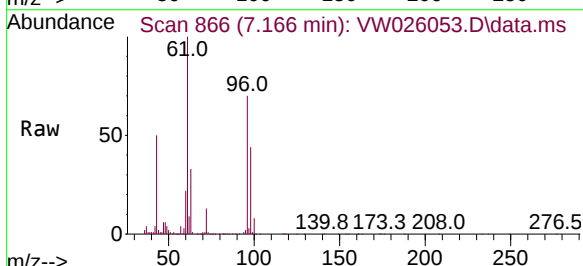
Tgt Ion: 96 Resp: 288707

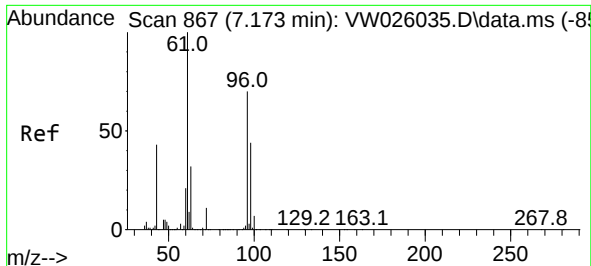
Ion Ratio Lower Upper

96 100

61 143.1 98.6 183.0

98 62.7 45.2 84.0

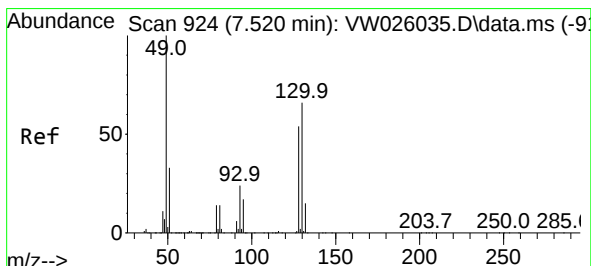
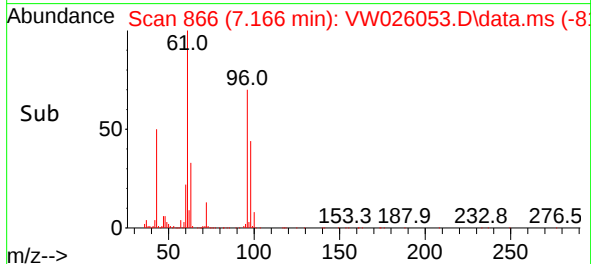
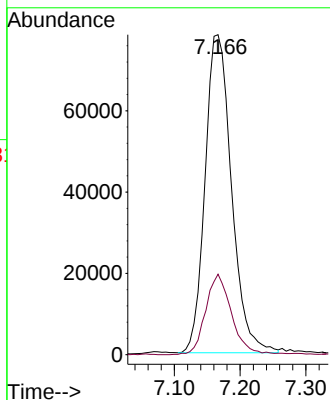
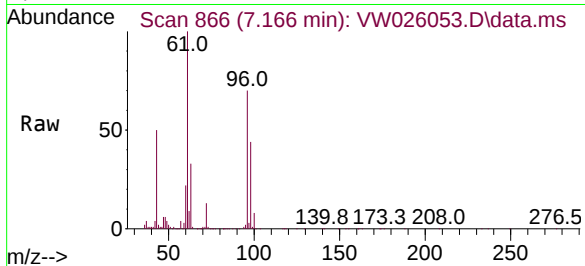




#22
2-Butanone
Concen: 56.558 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

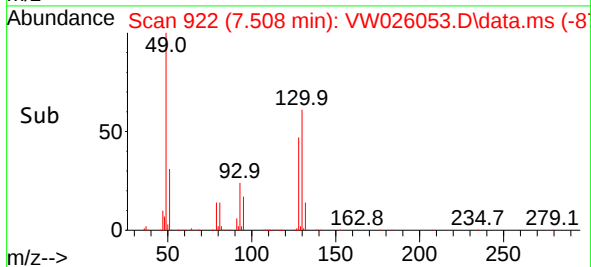
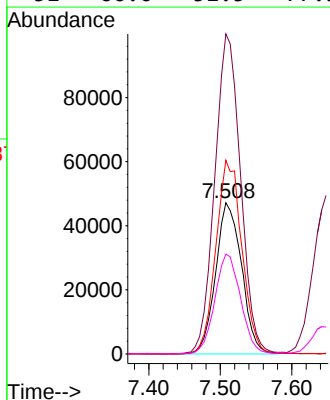
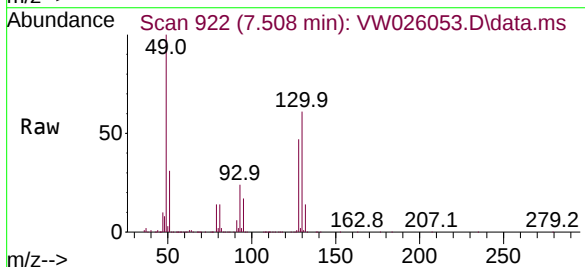
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

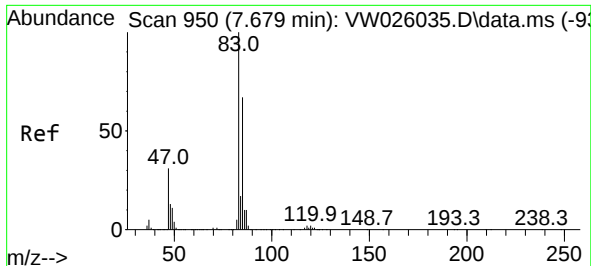
Tgt Ion: 43 Resp: 219301
Ion Ratio Lower Upper
43 100
72 24.4 11.8 35.4



#23
Bromochloromethane
Concen: 26.550 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.013 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 128 Resp: 119020
Ion Ratio Lower Upper
128 100
49 211.7 151.5 281.5
130 128.2 91.3 169.6
51 66.0 51.5 77.3

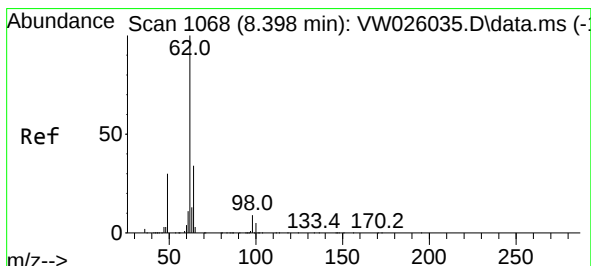
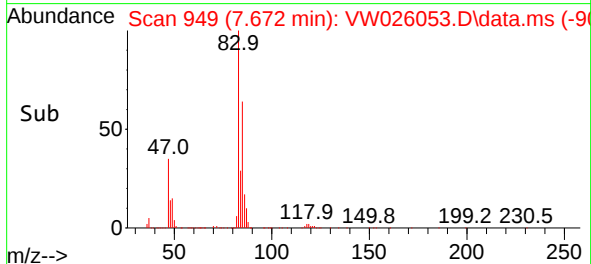
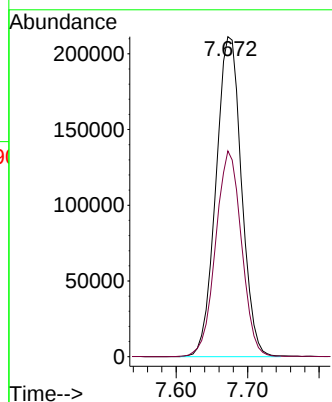
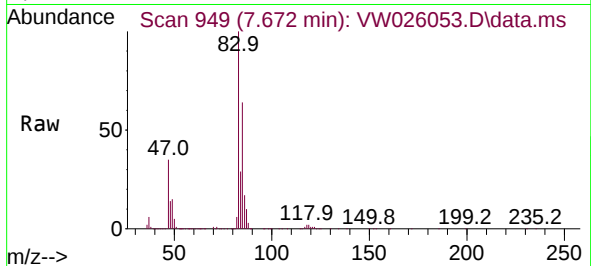




#25
Chloroform
Concen: 28.176 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

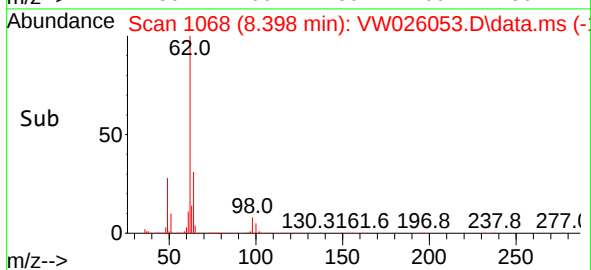
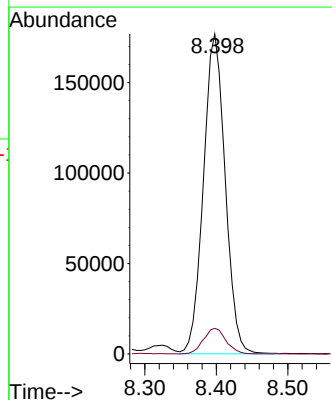
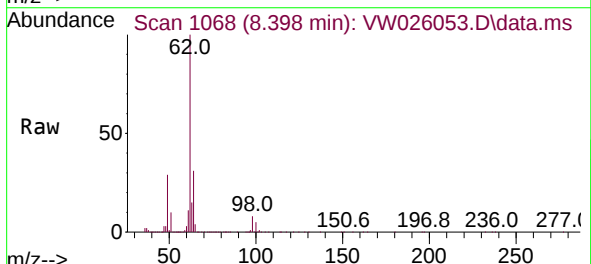
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

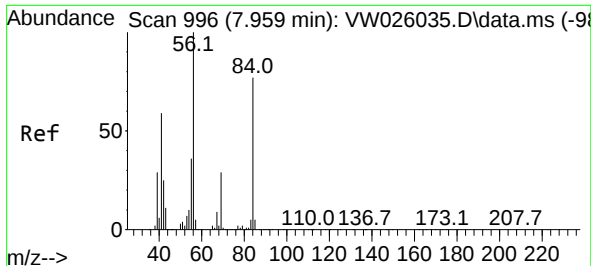
Tgt Ion: 83 Resp: 524761
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 28.263 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

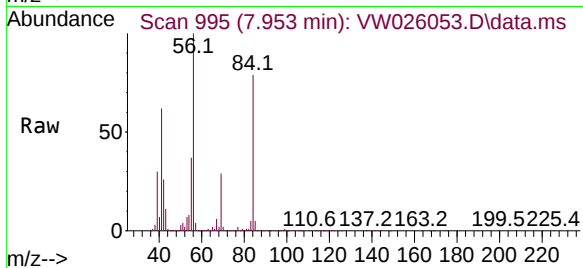
Tgt Ion: 62 Resp: 373830
Ion Ratio Lower Upper
62 100
98 8.0 7.2 10.8



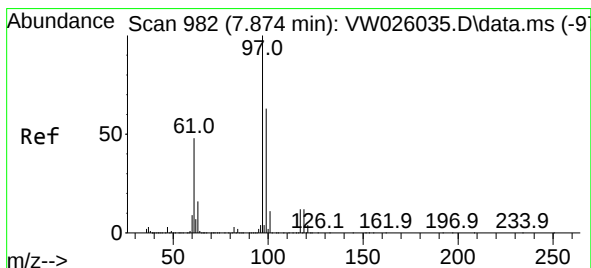
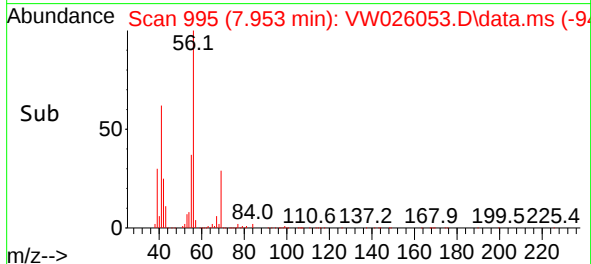
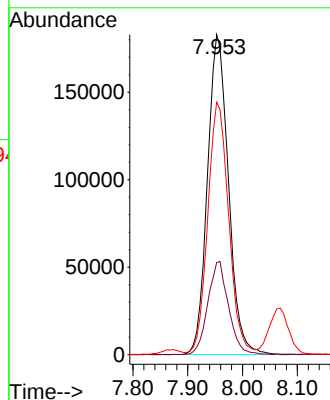


#29
Cyclohexane
Concen: 25.783 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

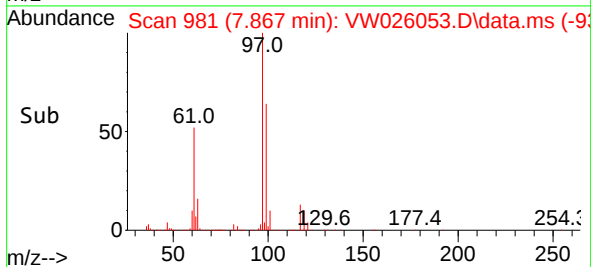
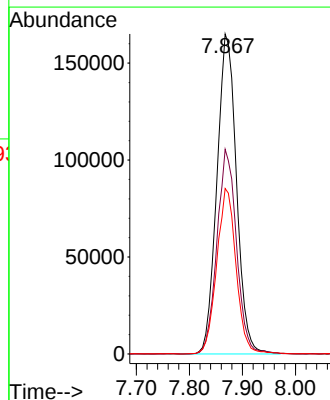
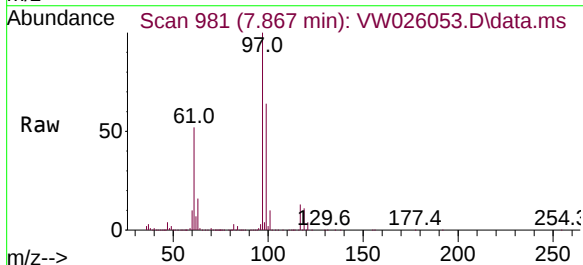


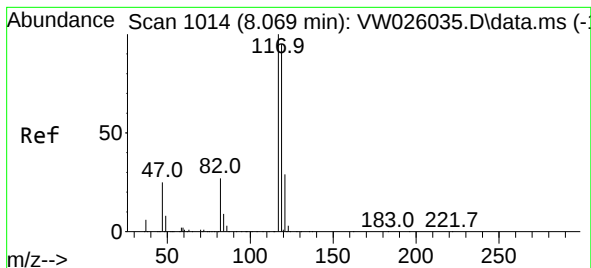
Tgt Ion:	56	69	84
Resp:	486062	28.7	78.8
Lower		23.4	63.3
Upper		35.0	94.9



#30
1,1,1-Trichloroethane
Concen: 28.479 ug/L
RT: 7.867 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion:	97	99	61
Resp:	423699	63.9	51.2
Lower		51.1	40.4
Upper		76.7	60.6

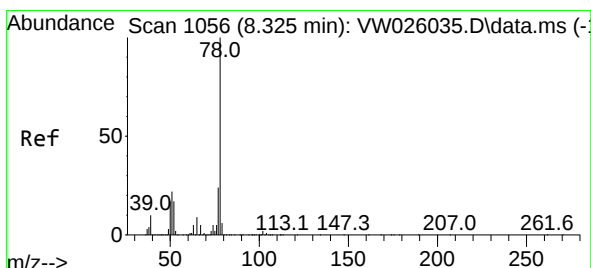
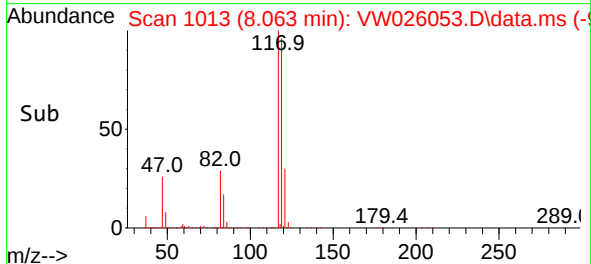
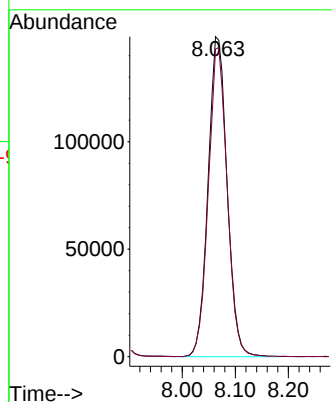
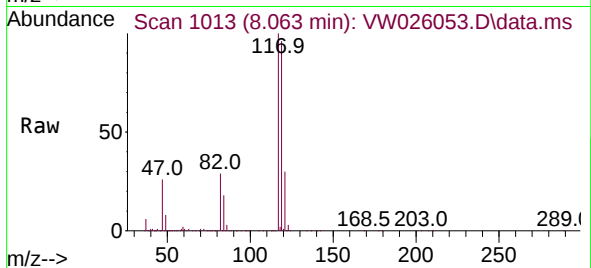




#31
Carbon tetrachloride
Concen: 27.723 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

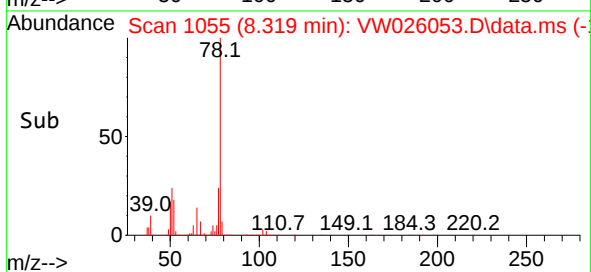
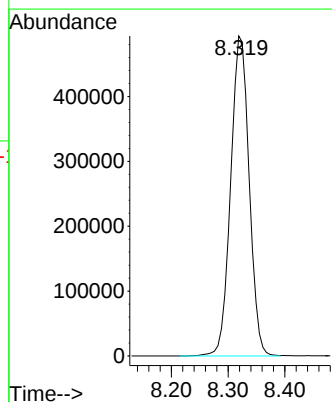
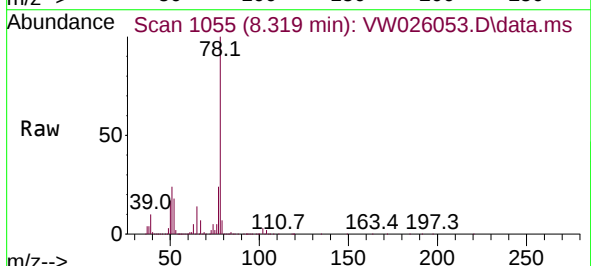
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

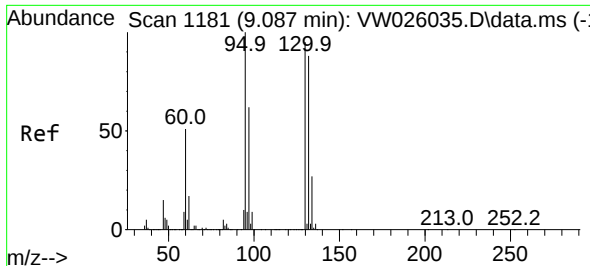
Tgt Ion:117 Resp: 371177
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 26.521 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 78 Resp: 1116224



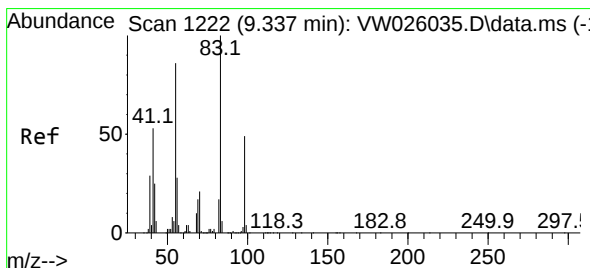
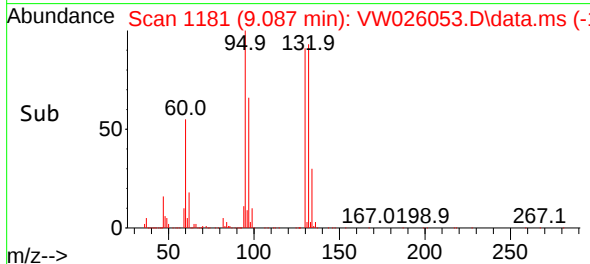
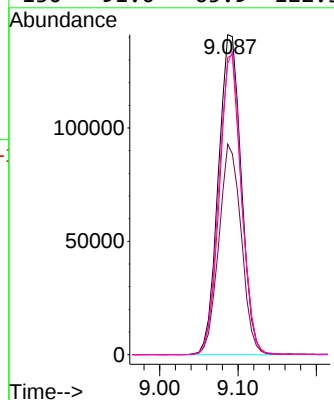
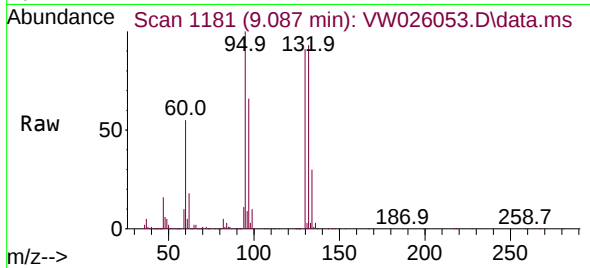


#34
Trichloroethene
Concen: 26.522 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Tgt Ion: 95 Resp: 286442

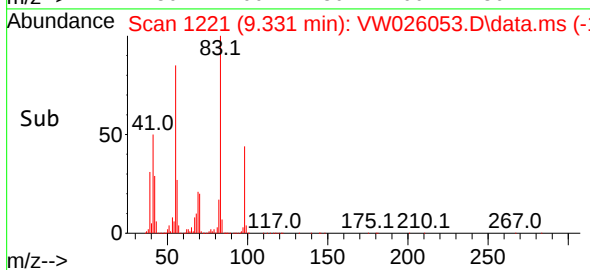
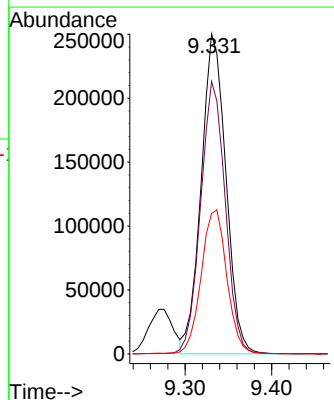
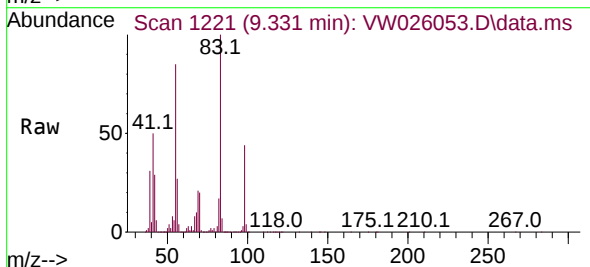
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.9	85.3
132	92.8	66.0	122.6
130	91.0	65.9	122.3

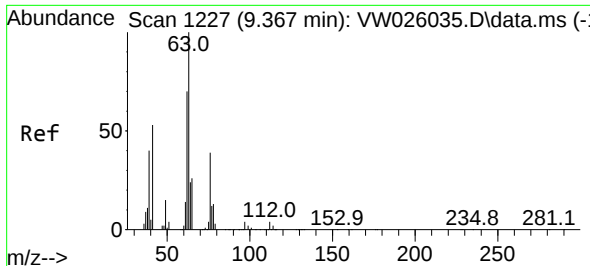


#35
Methylcyclohexane
Concen: 25.890 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 83 Resp: 497311

Ion	Ratio	Lower	Upper
83	100		
55	84.9	69.0	103.4
98	46.8	37.1	55.7





#37

1,2-Dichloropropane

Concen: 26.739 ug/L

RT: 9.367 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

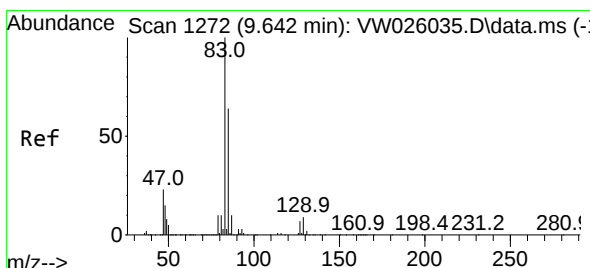
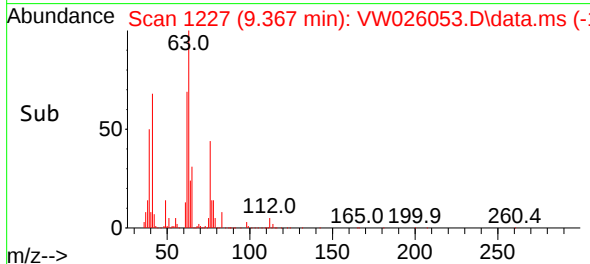
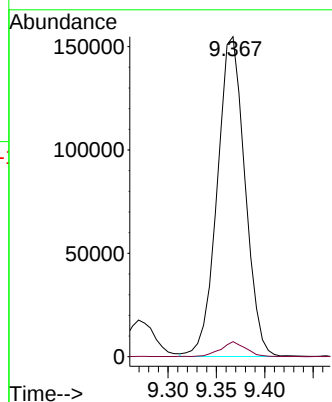
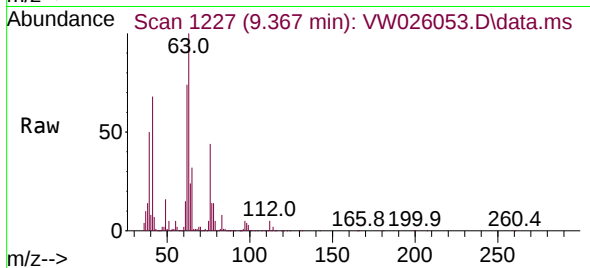
VSTD025500

Tgt Ion: 63 Resp: 308332

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 28.120 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

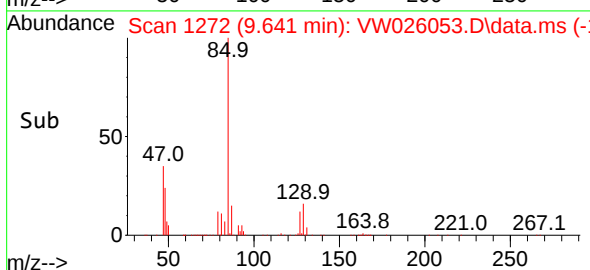
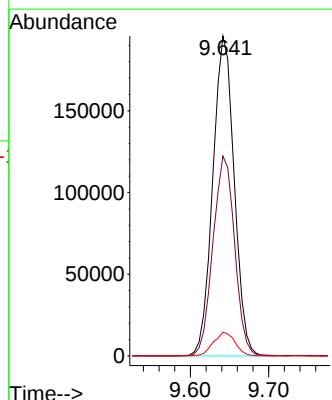
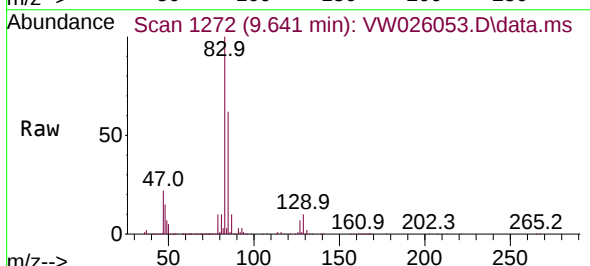
Tgt Ion: 83 Resp: 372006

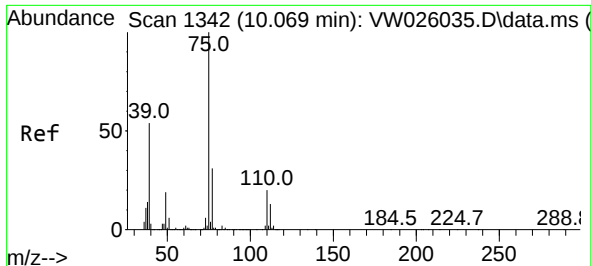
Ion Ratio Lower Upper

83 100

85 62.4 44.4 82.5

127 7.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 27.461 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

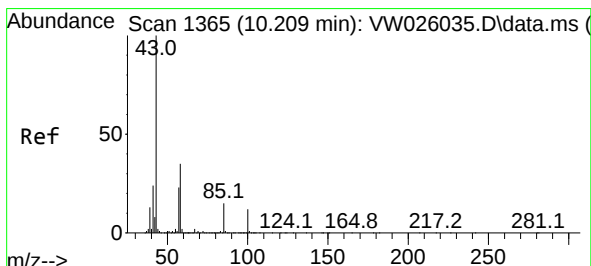
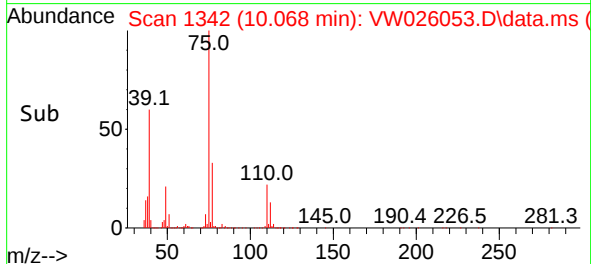
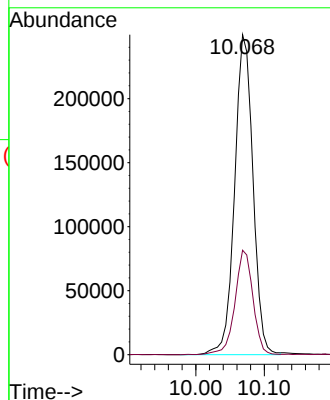
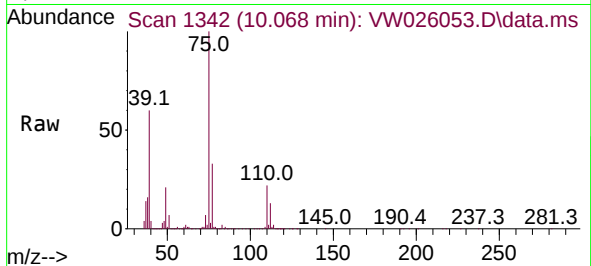
VSTD025500

Tgt Ion: 75 Resp: 464368

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 59.815 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

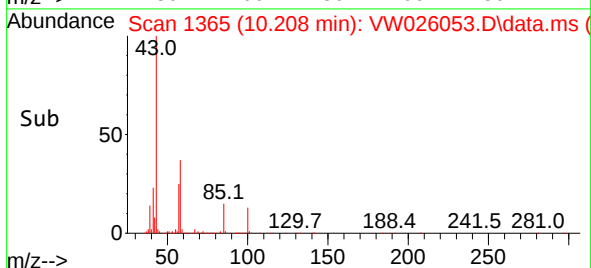
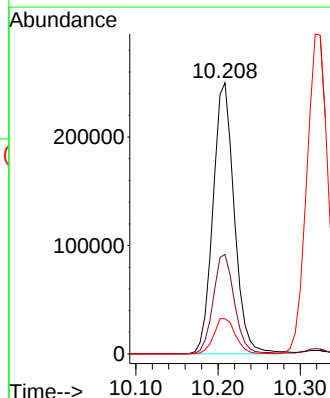
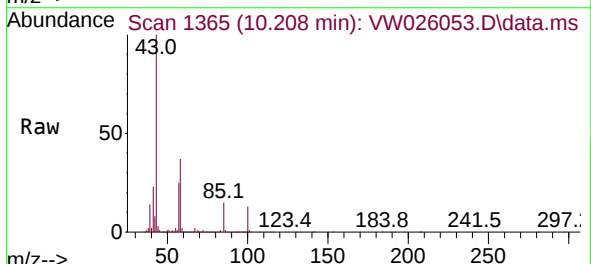
Tgt Ion: 43 Resp: 448954

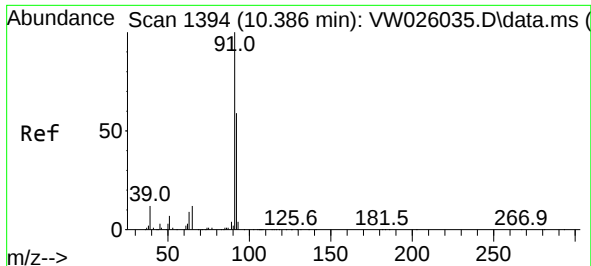
Ion Ratio Lower Upper

43 100

58 36.9 29.4 44.0

100 13.5 10.1 15.1

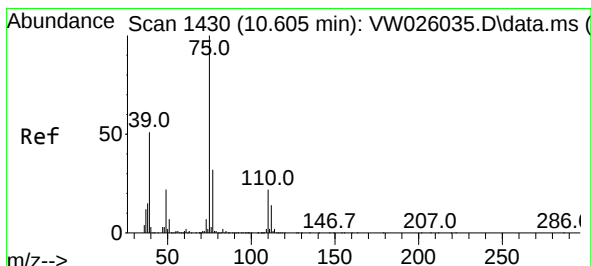
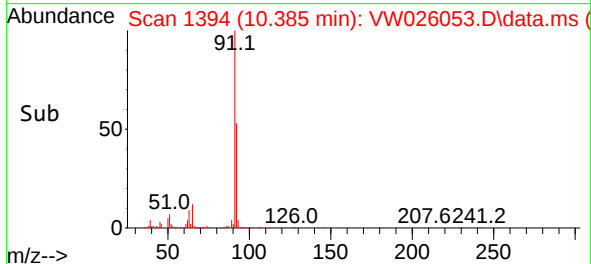
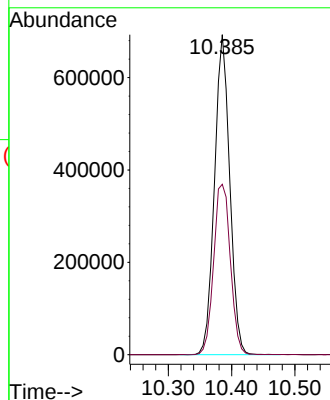
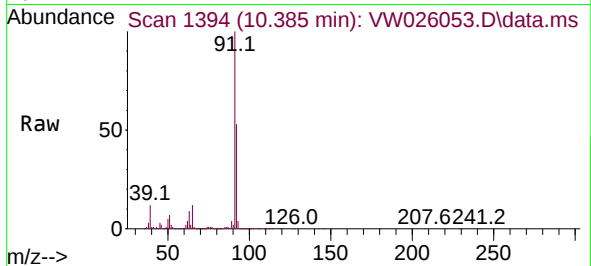




#42
Toluene
Concen: 26.999 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

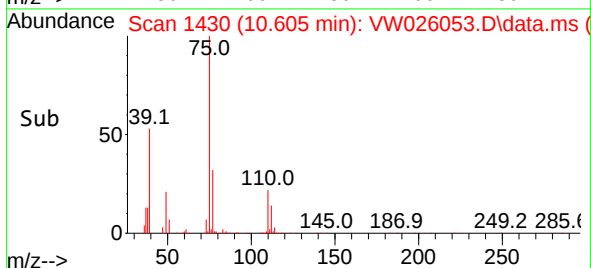
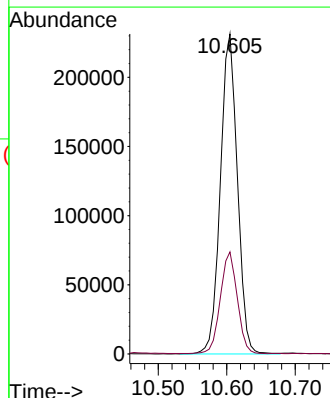
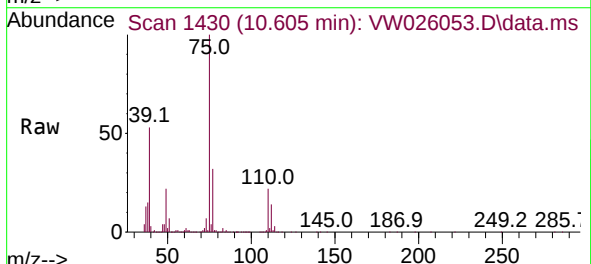
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

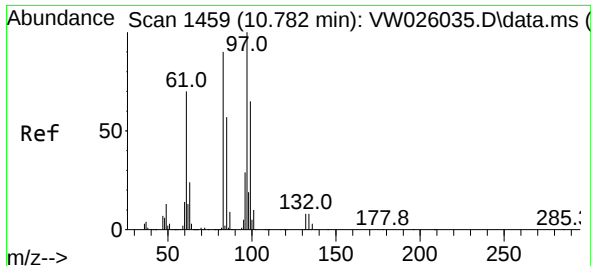
Tgt Ion: 91 Resp: 1161086
Ion Ratio Lower Upper
91 100
92 53.3 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 28.367 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 75 Resp: 397476
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4



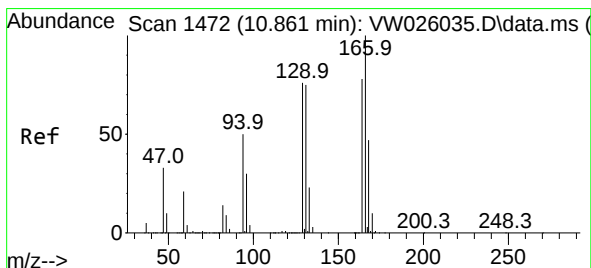
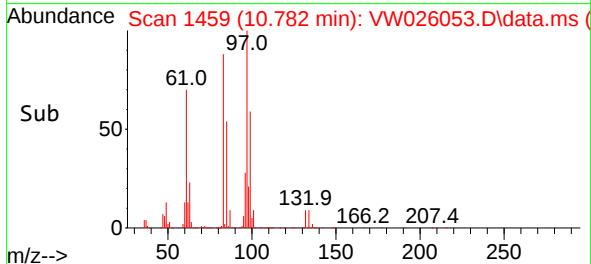
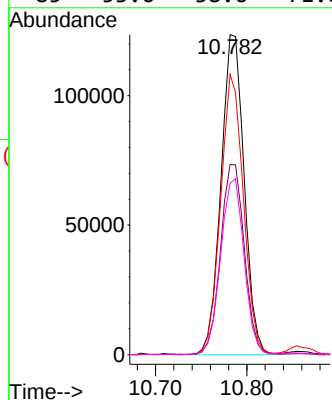
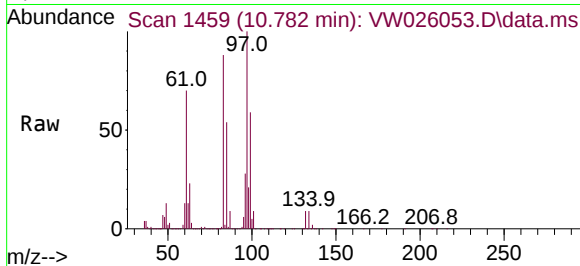


#45
1,1,2-Trichloroethane
Concen: 28.255 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Tgt Ion: 97 Resp: 217943

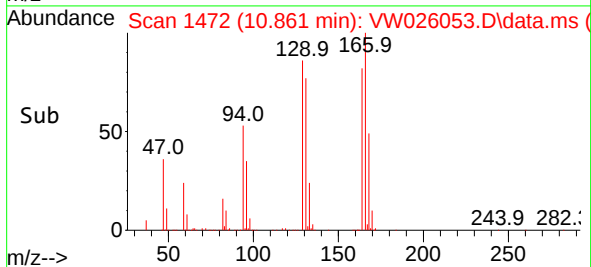
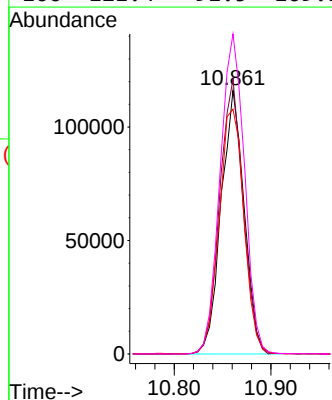
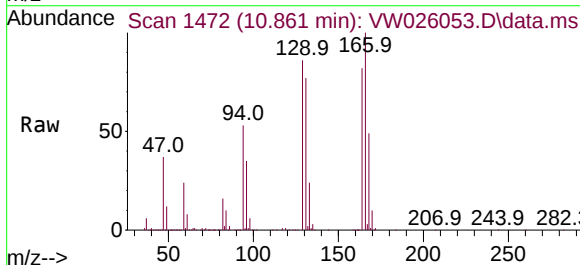
Ion	Ratio	Lower	Upper
97	100		
99	59.4	44.5	82.7
83	87.6	63.0	117.0
85	53.6	38.6	71.8

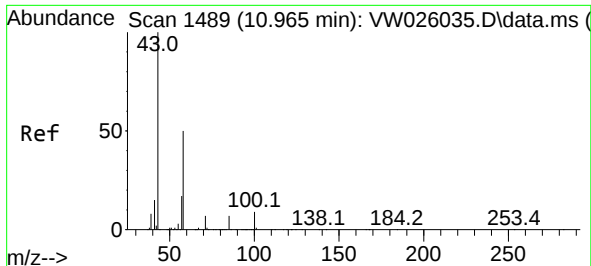


#46
Tetrachloroethene
Concen: 25.263 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 164 Resp: 191952

Ion	Ratio	Lower	Upper
164	100		
129	104.3	74.3	138.1
131	92.9	71.3	132.3
166	121.4	91.5	169.9

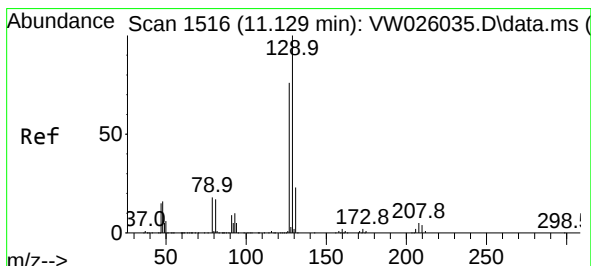
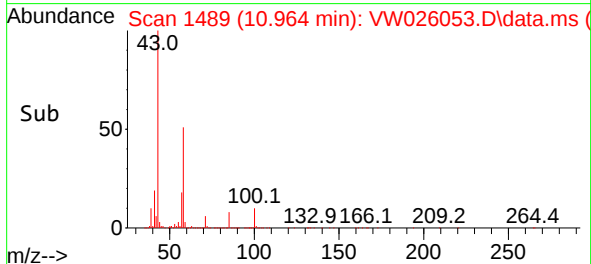
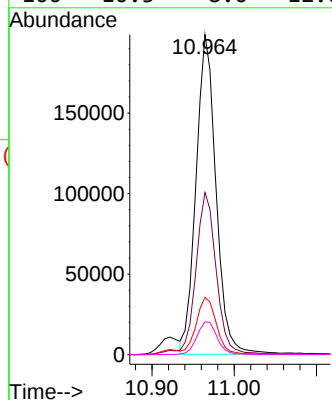
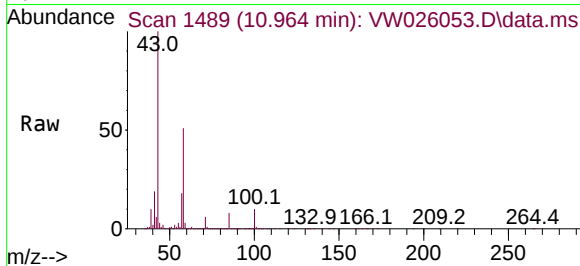




#48
2-Hexanone
Concen: 62.513 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

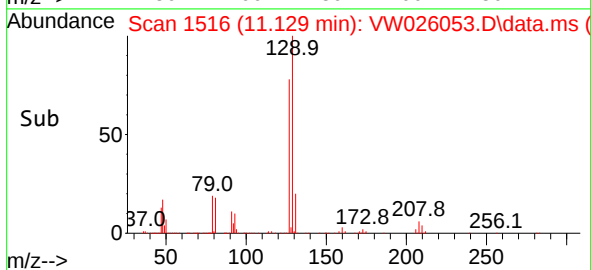
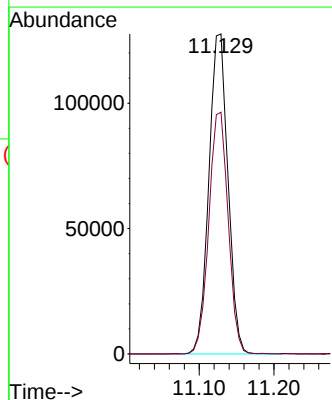
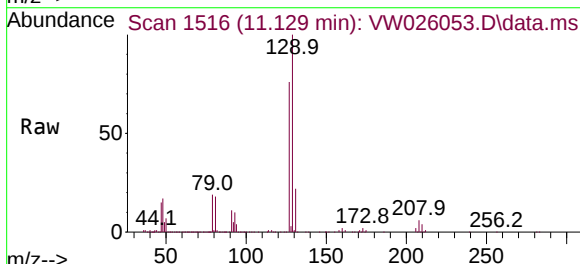
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

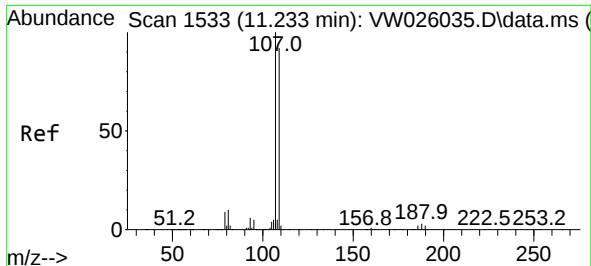
Tgt Ion: 43 Resp: 336129
Ion Ratio Lower Upper
43 100
58 51.0 40.8 61.2
57 17.6 13.6 20.4
100 10.3 8.0 12.0



#49
Dibromochloromethane
Concen: 28.335 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion: 129 Resp: 226271
Ion Ratio Lower Upper
129 100
127 75.6 56.1 104.3





#50

1,2-Dibromoethane

Concen: 27.407 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

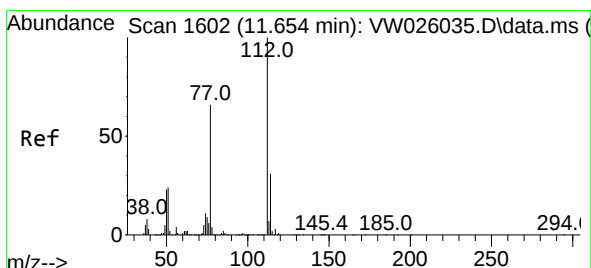
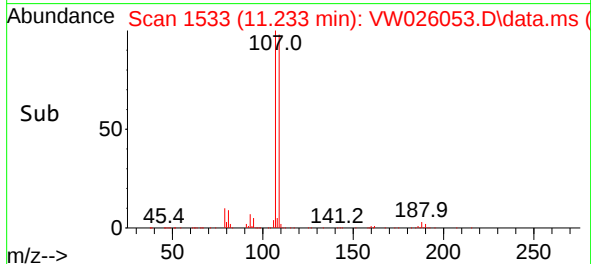
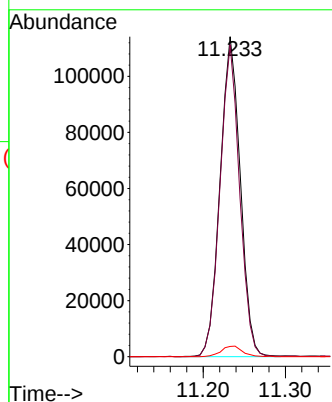
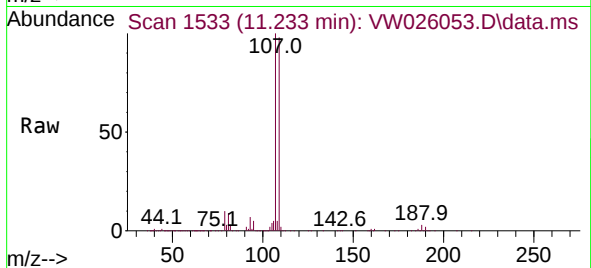
Tgt Ion:107 Resp: 194891

Ion Ratio Lower Upper

107 100

109 97.5 67.5 125.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 27.012 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

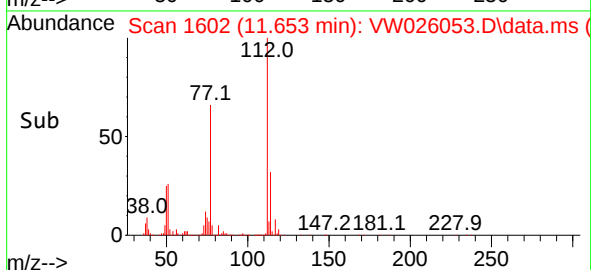
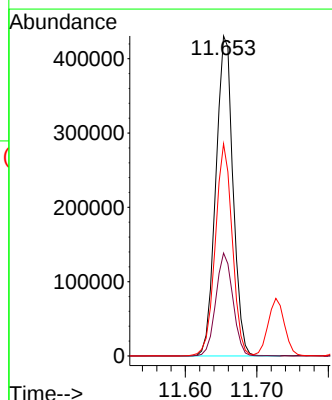
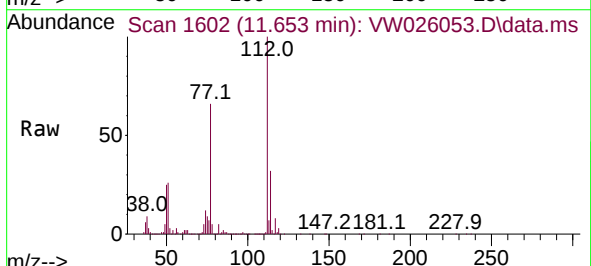
Tgt Ion:112 Resp: 719622

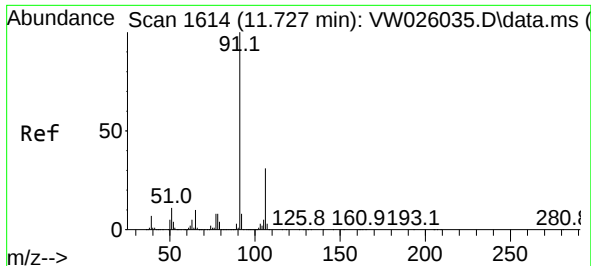
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

77 66.3 53.0 79.6





#52

Ethylbenzene

Concen: 27.581 ug/L

RT: 11.726 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

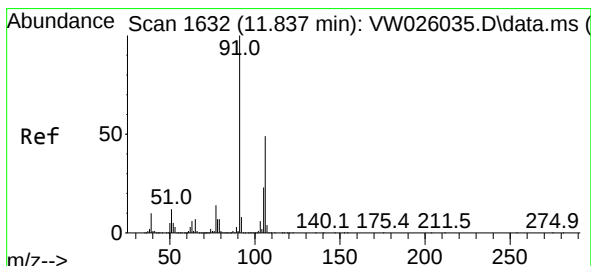
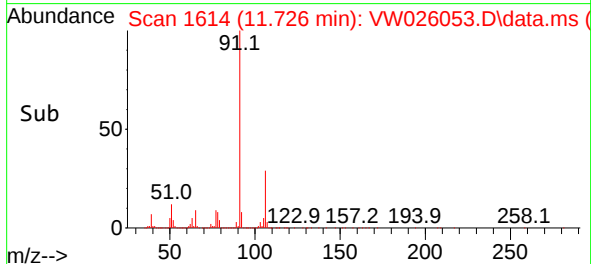
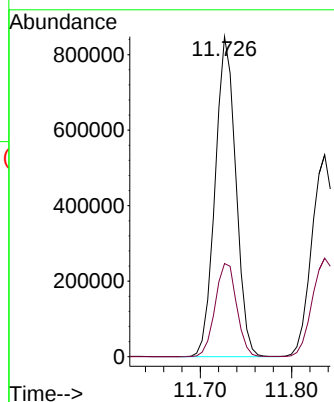
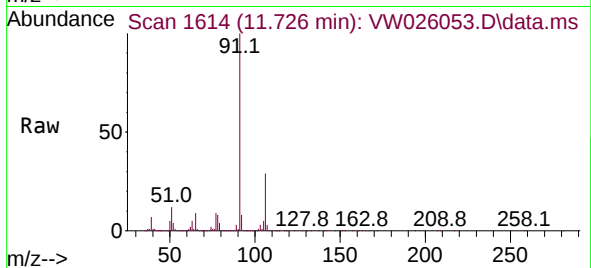
VSTD025500

Tgt Ion: 91 Resp: 1334210

Ion Ratio Lower Upper

91 100

106 29.1 20.8 38.6



#53

m,p-Xylene

Concen: 27.672 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW026053.D

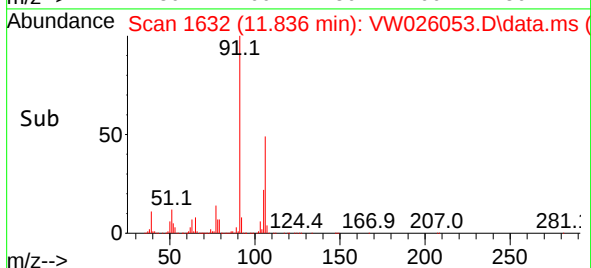
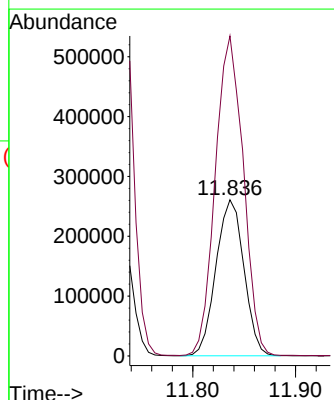
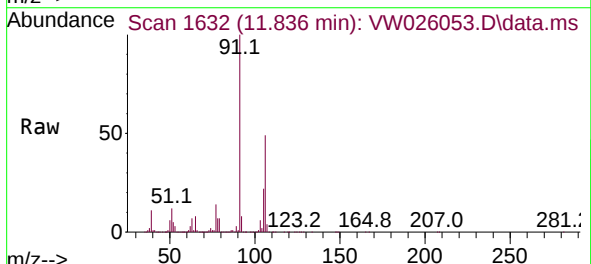
Acq: 26 May 2023 08:26

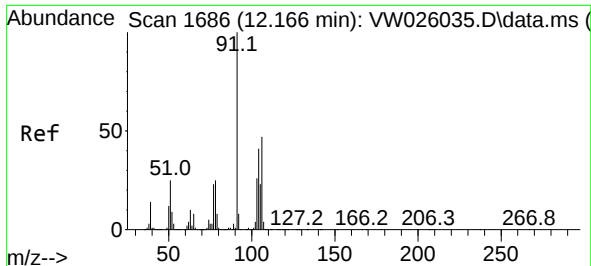
Tgt Ion:106 Resp: 492686

Ion Ratio Lower Upper

106 100

91 204.9 150.1 278.9

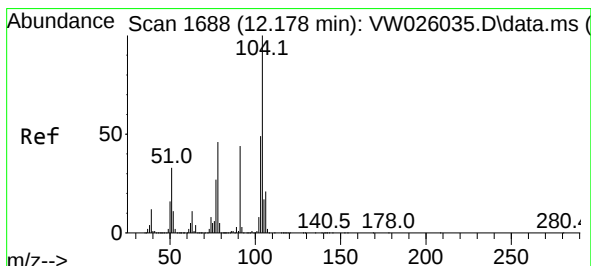
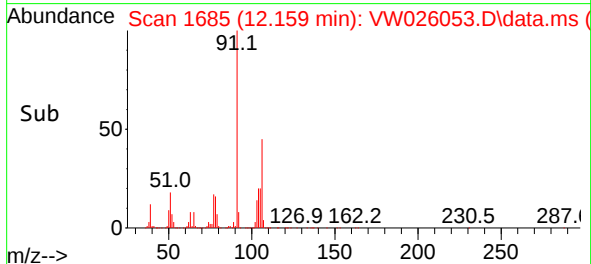
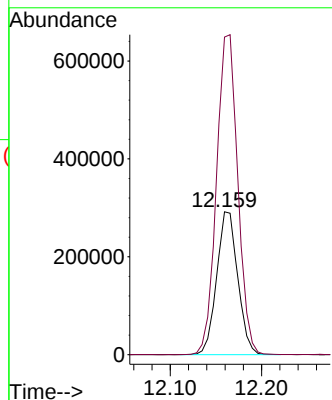
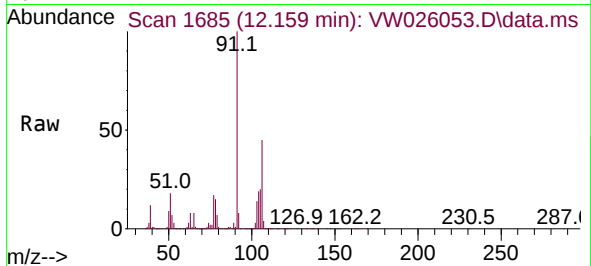




#54
o-Xylene
Concen: 27.892 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

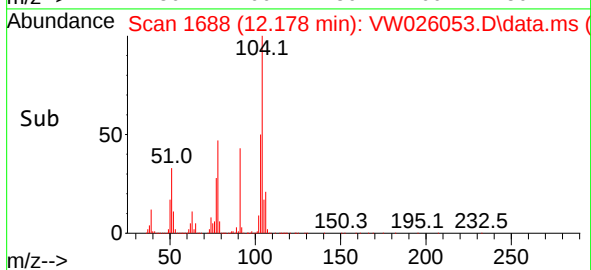
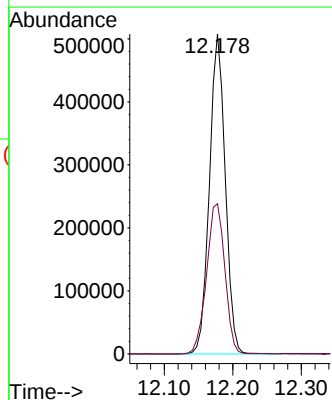
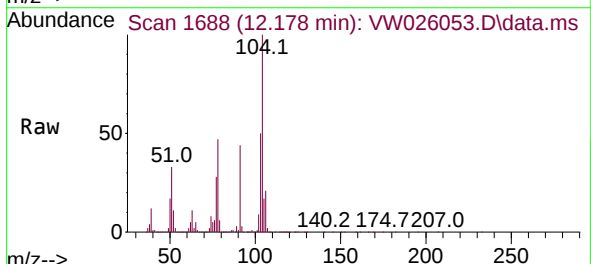
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

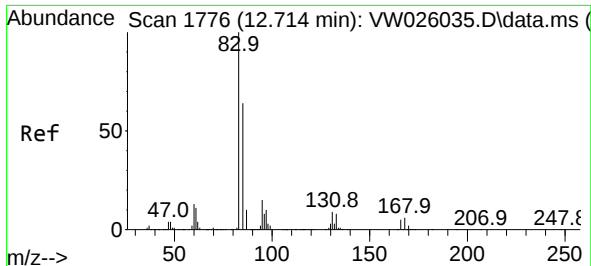
Tgt Ion:106 Resp: 468069
Ion Ratio Lower Upper
106 100
91 222.2 157.8 293.1



#55
Styrene
Concen: 28.378 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion:104 Resp: 815110
Ion Ratio Lower Upper
104 100
78 46.9 33.4 62.0

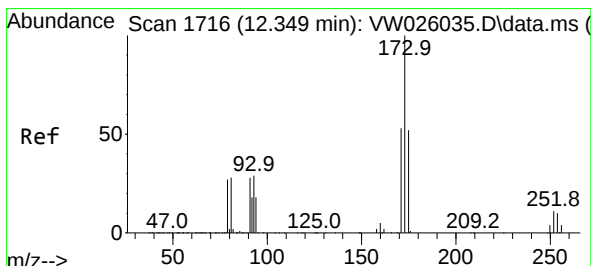
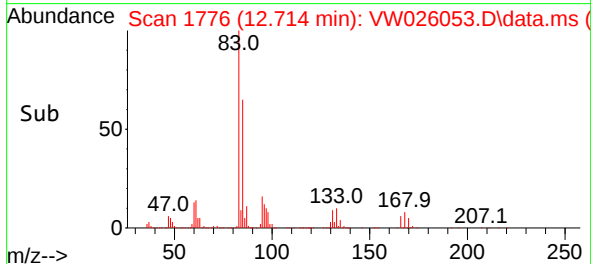
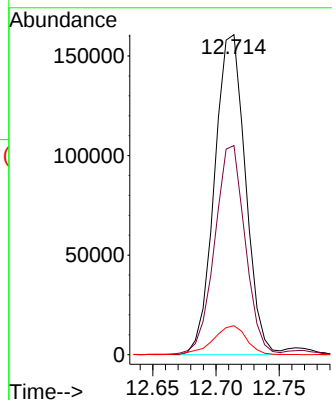
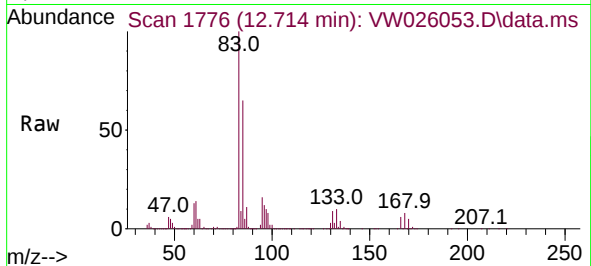




#57
1,1,2,2-Tetrachloroethane
Concen: 28.367 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

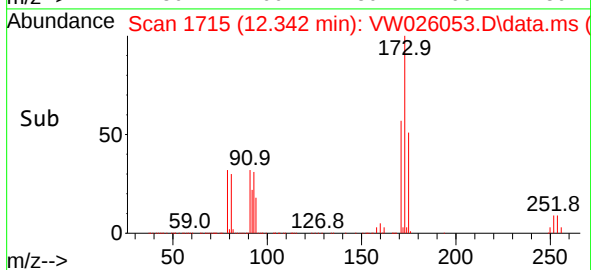
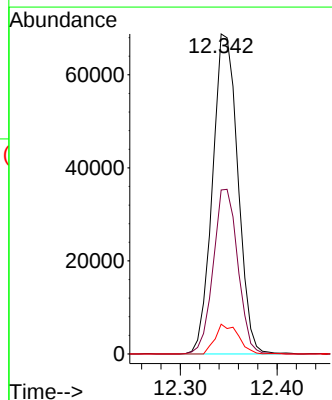
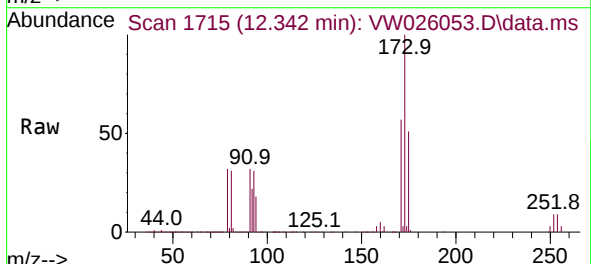
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

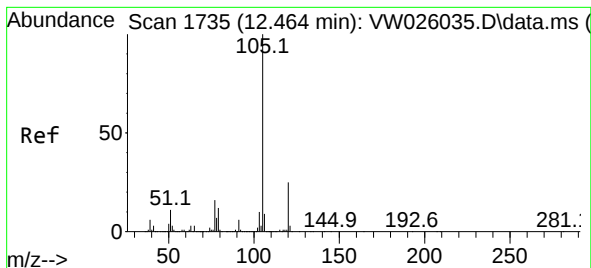
Tgt Ion: 83 Resp: 273021
Ion Ratio Lower Upper
83 100
85 65.3 45.6 84.8
131 9.0 8.1 12.1



#59
Bromoform
Concen: 28.319 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion:173 Resp: 125107
Ion Ratio Lower Upper
173 100
175 50.0 38.6 57.8
254 8.5 7.6 11.4





#60

Isopropylbenzene

Concen: 29.665 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

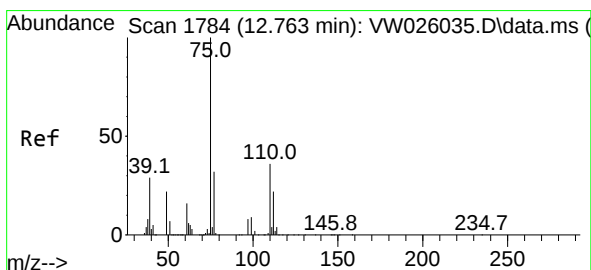
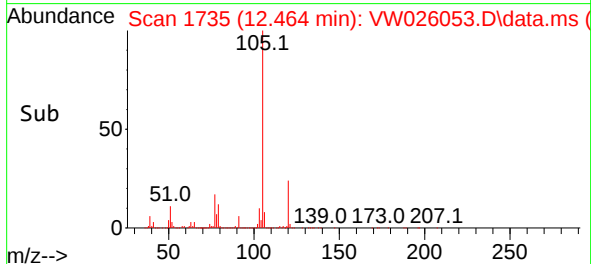
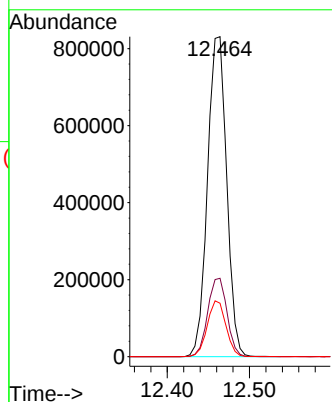
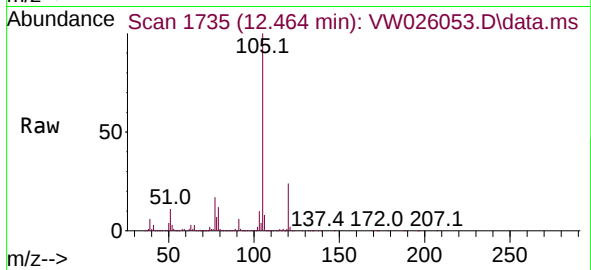
Tgt Ion:105 Resp: 1344912

Ion Ratio Lower Upper

105 100

120 24.7 21.1 31.7

77 17.0 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 28.412 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

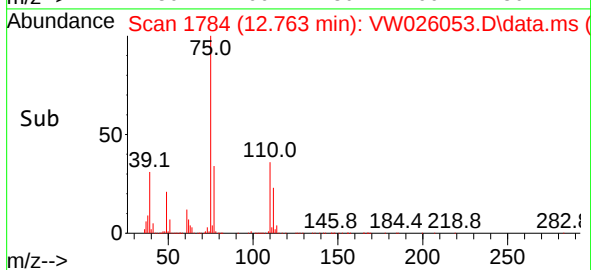
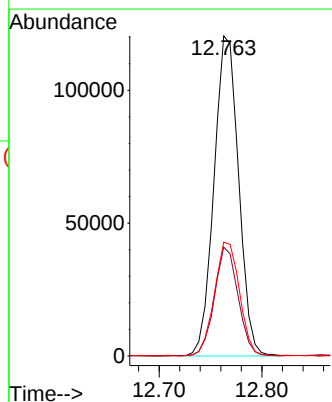
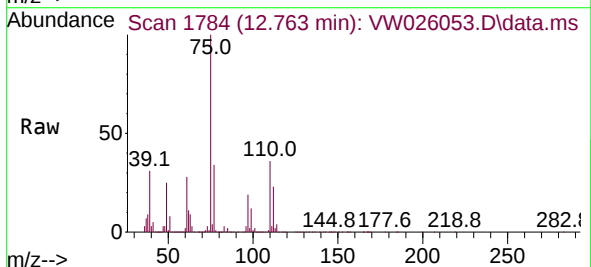
Tgt Ion: 75 Resp: 200269

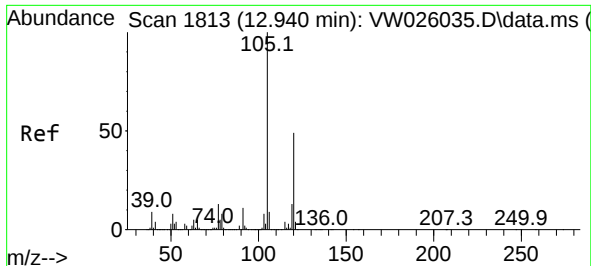
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

110 36.2 27.6 41.4

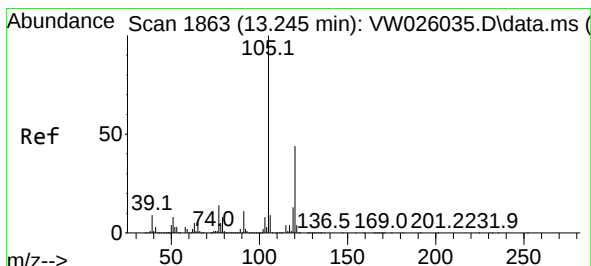
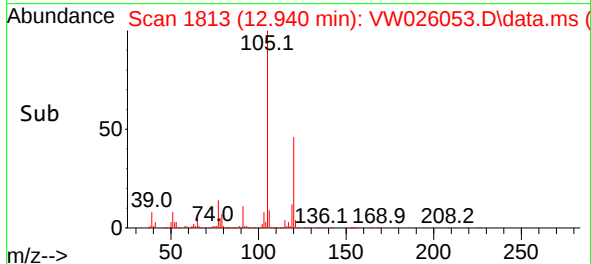
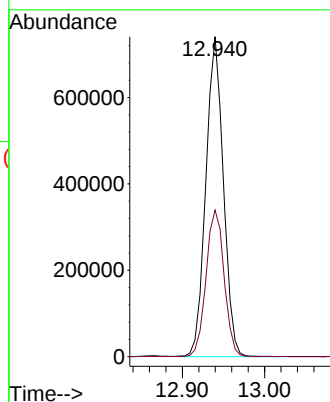
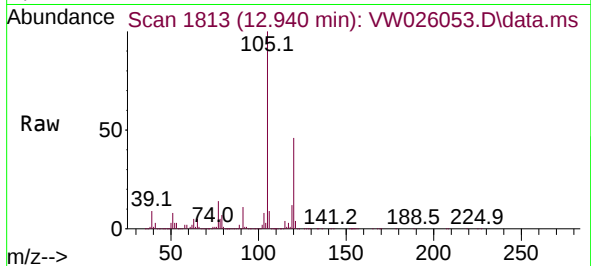




#62
1,3,5-Trimethylbenzene
Concen: 30.516 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

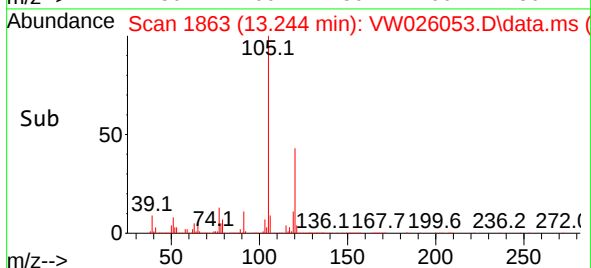
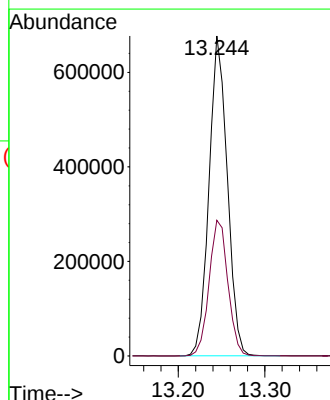
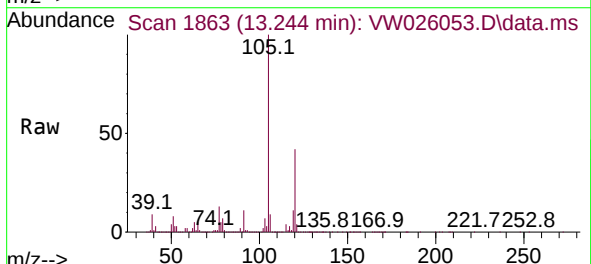
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

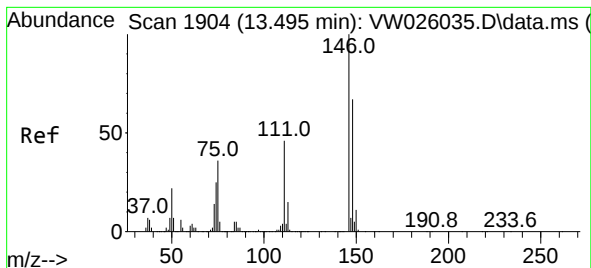
Tgt Ion:105 Resp: 1095788
Ion Ratio Lower Upper
105 100
120 47.2 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 29.893 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026053.D
Acq: 26 May 2023 08:26

Tgt Ion:105 Resp: 990529
Ion Ratio Lower Upper
105 100
120 43.6 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 28.227 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

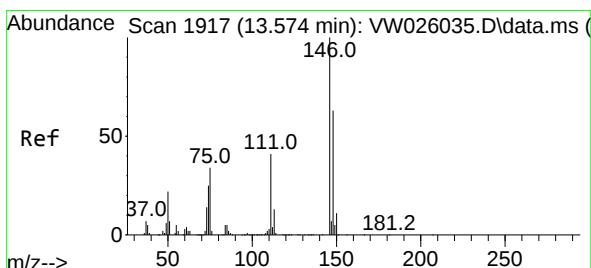
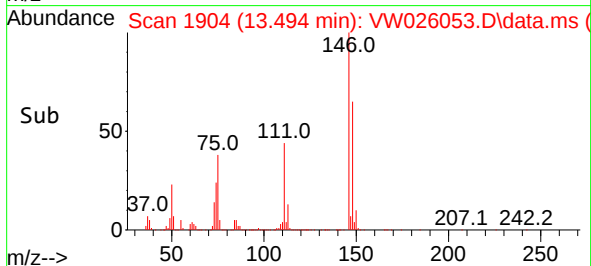
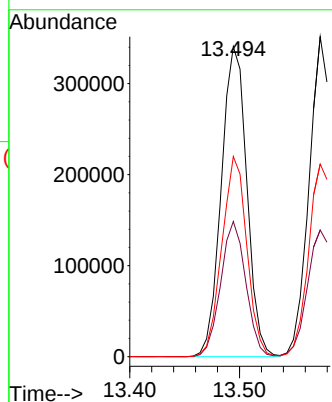
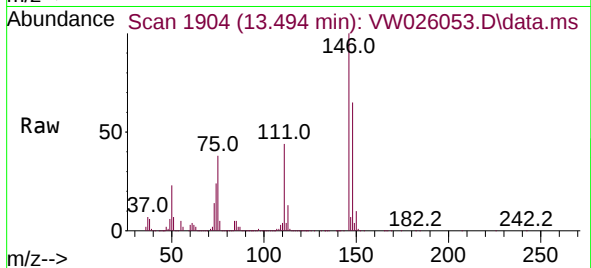
Tgt Ion:146 Resp: 550882

Ion Ratio Lower Upper

146 100

111 43.6 30.4 56.4

148 64.6 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 27.670 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

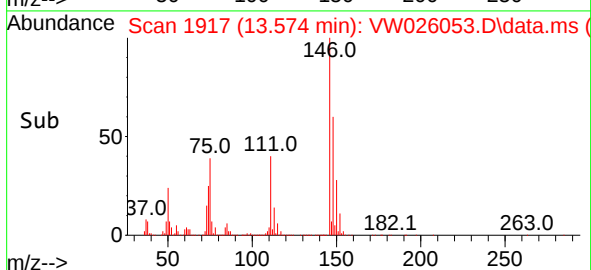
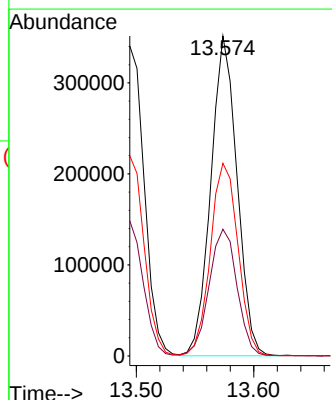
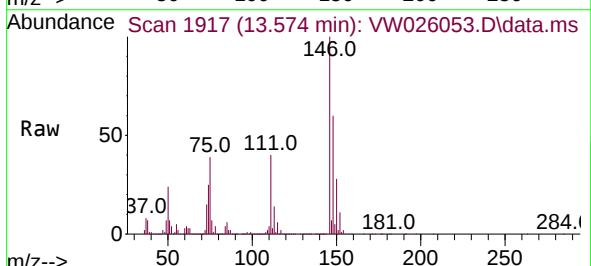
Tgt Ion:146 Resp: 545579

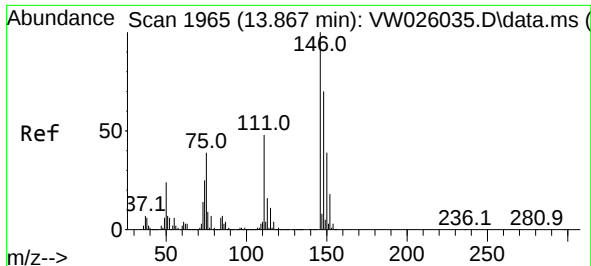
Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.9

148 60.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 27.715 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

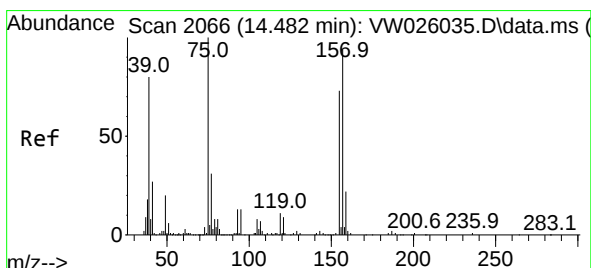
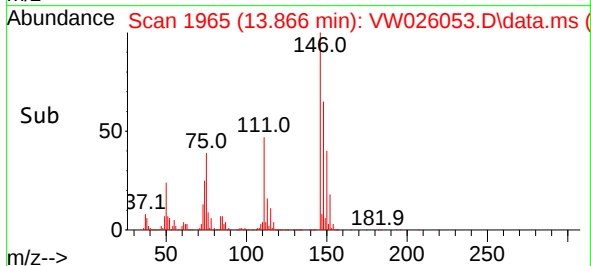
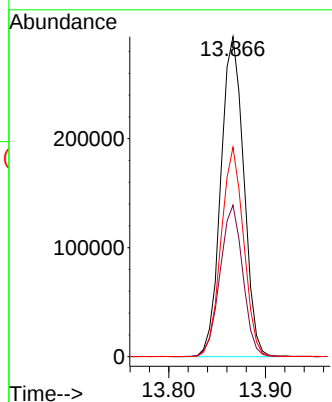
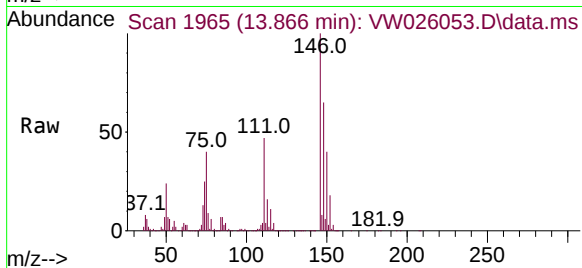
Tgt Ion:146 Resp: 482380

Ion Ratio Lower Upper

146 100

111 47.4 37.7 56.5

148 65.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 29.067 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

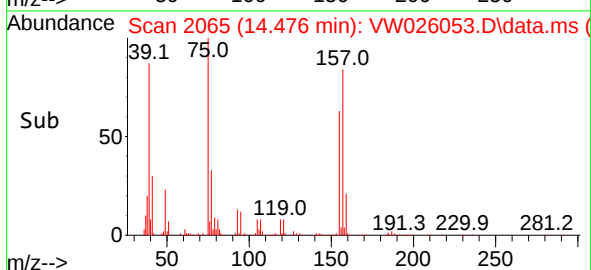
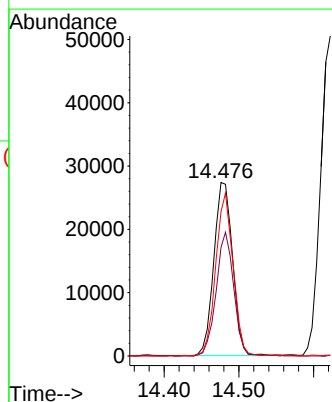
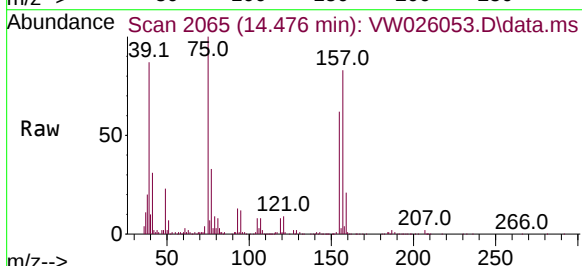
Tgt Ion: 75 Resp: 47510

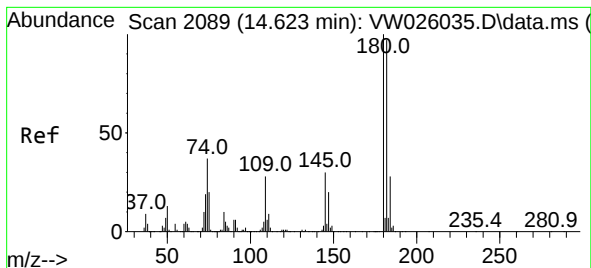
Ion Ratio Lower Upper

75 100

155 62.5 56.3 84.5

157 83.0 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 28.013 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

Tgt Ion:180 Resp: 362908

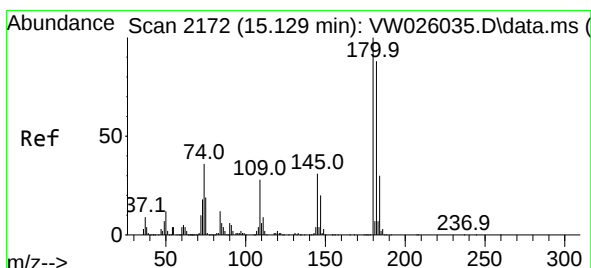
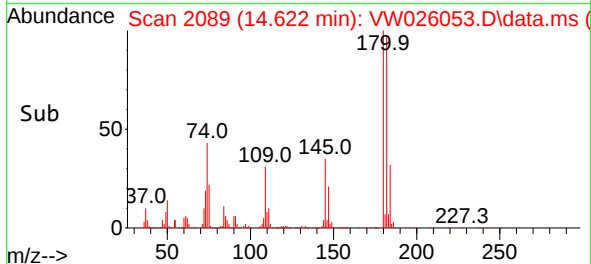
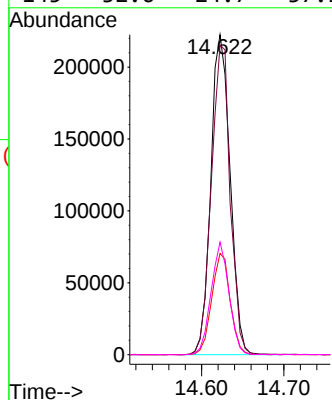
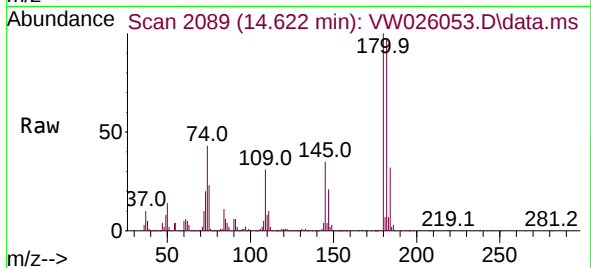
Ion Ratio Lower Upper

180 100

182 94.7 77.4 116.0

184 30.3 24.7 37.1

145 32.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 28.498 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

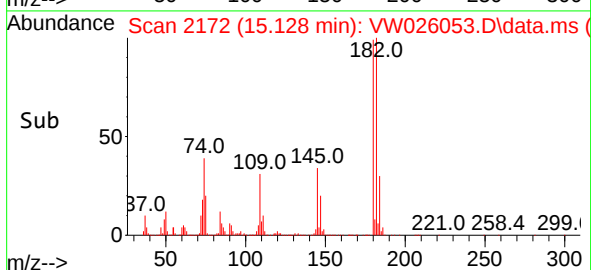
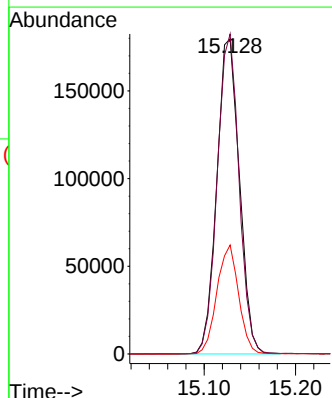
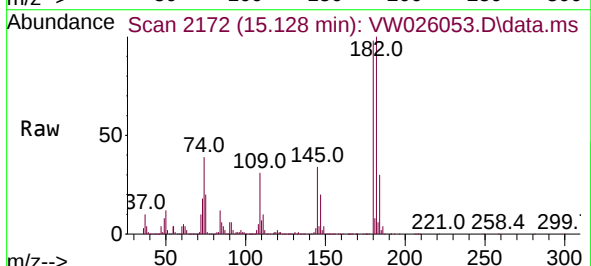
Tgt Ion:180 Resp: 309289

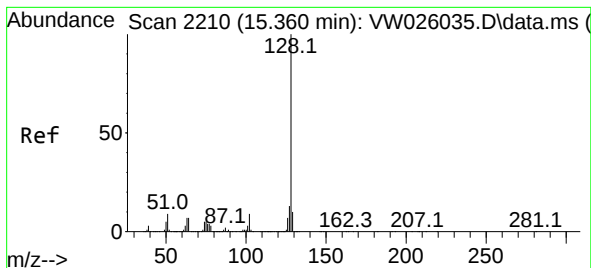
Ion Ratio Lower Upper

180 100

182 97.7 74.3 111.5

145 33.0 25.4 38.0





#71

Naphthalene

Concen: 30.983 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

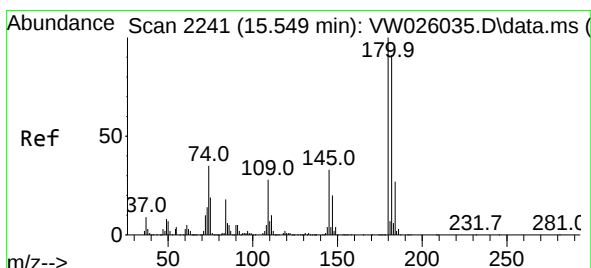
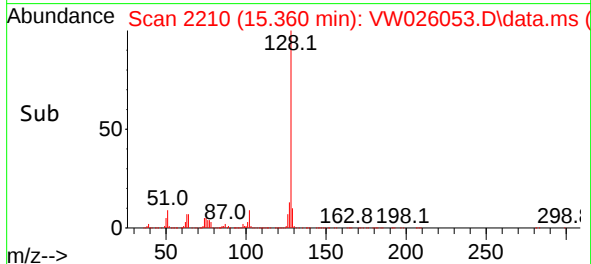
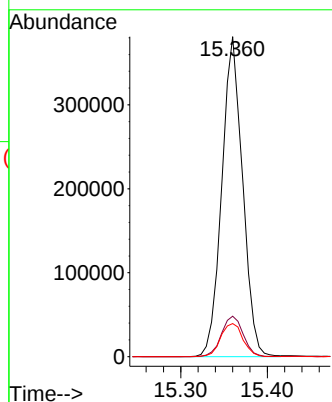
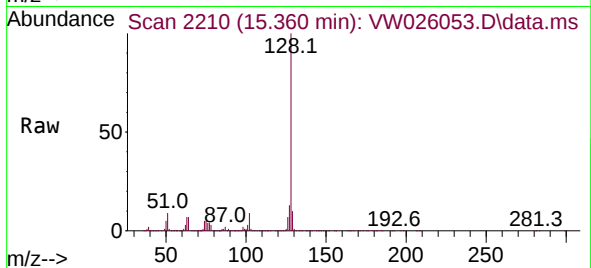
Tgt Ion:128 Resp: 634670

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 28.981 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW026053.D

Acq: 26 May 2023 08:26

Tgt Ion:180 Resp: 279086

Ion Ratio Lower Upper

180 100

182 92.6 76.1 114.1

145 35.1 28.0 42.0

