

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
 Data File : VW026312.D
 Acq On : 23 Jun 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Jun 23 23:03:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 01:02:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	600342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	545558	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	258166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	157516	18.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.600%
7) Chloroethane-d5	2.893	69	157320	24.884	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	4.021	65	82478	19.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.240%
21) 2-Butanone-d5	7.075	46	162533	66.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.200%
24) Chloroform-d	7.648	84	445013	25.313	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.306	65	244625	25.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	8.276	84	820847	22.360	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.440%
36) 1,2-Dichloropropane-d6	9.276	67	284835	24.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	10.324	98	683288	20.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.960%
43) trans-1,3-Dichloroprop...	10.580	79	99605	21.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.922	63	109141	59.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249158	29.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.760%
66) 1,2-Dichlorobenzene-d4	13.854	152	232309	23.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	135642	18.431	ug/L	99
3) Chloromethane	2.222	50	222816	23.612	ug/L	100
5) Vinyl chloride	2.374	62	251532	24.937	ug/L	98
6) Bromomethane	2.789	94	136063	24.744	ug/L	97
8) Chloroethane	2.935	64	156260	28.668	ug/L	96
9) Trichlorofluoromethane	3.265	101	192395	29.648	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	212078	25.900	ug/L	98
12) 1,1-Dichloroethene	4.045	96	186146	24.353	ug/L	82
13) Acetone	4.118	43	114381	60.120	ug/L	100
14) Carbon disulfide	4.392	76	549096	20.350	ug/L	98
15) Methyl Acetate	4.667	43	111679	26.154	ug/L	99
16) Methylene chloride	4.923	84	254640	26.575	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	196947	22.965	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	326456	24.153	ug/L	99
19) 1,1-Dichloroethane	6.215	63	439691	25.184	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	223786	24.635	ug/L	97
22) 2-Butanone	7.166	43	157122	57.894	ug/L	98
23) Bromochloromethane	7.514	128	96148	24.818	ug/L	93
25) Chloroform	7.678	83	416664	25.623	ug/L	100

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 Response via : Initial Calibration

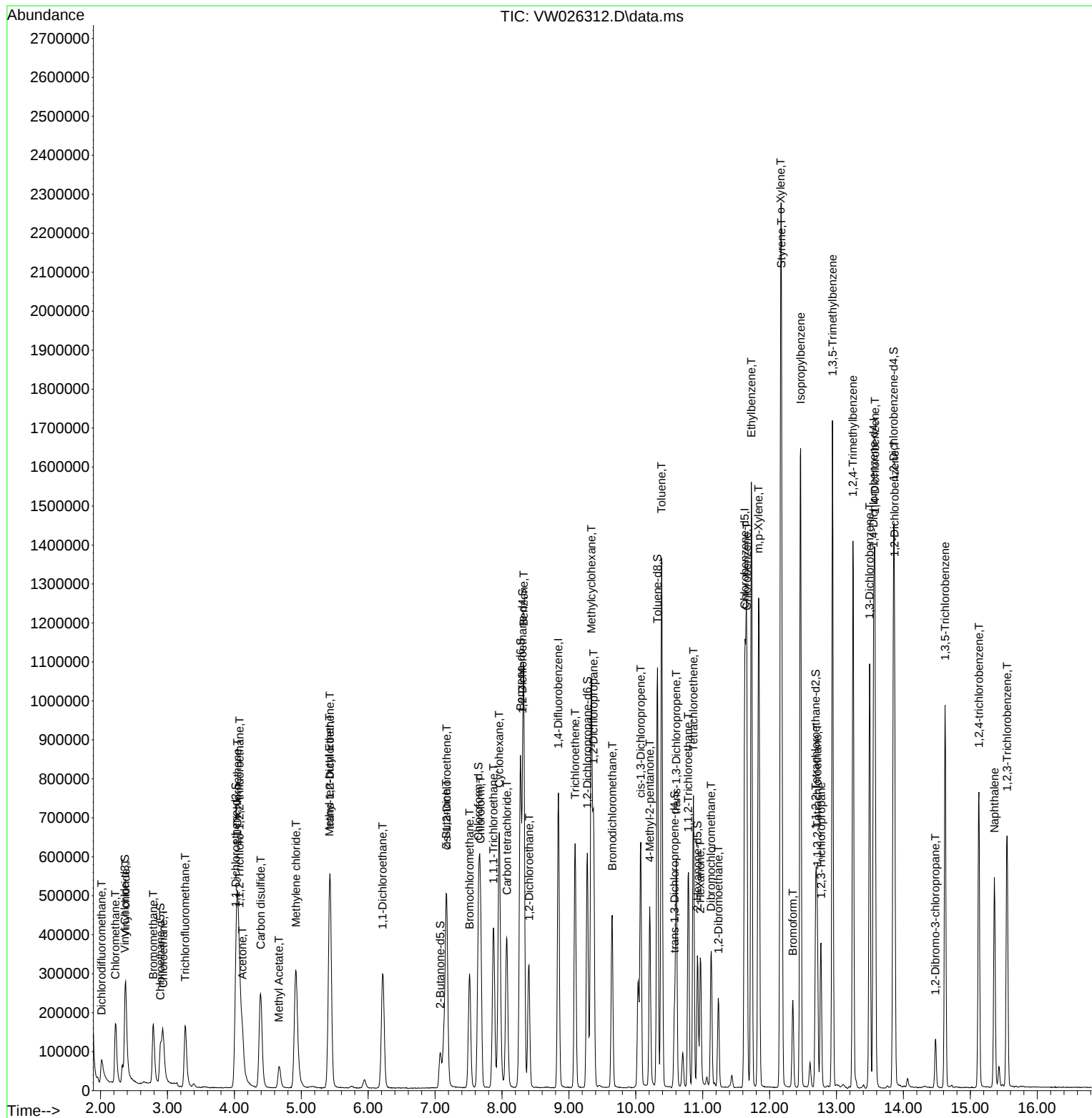
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	287924	25.672	ug/L	98
29) Cyclohexane	7.959	56	365656	21.710	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	325207	24.564	ug/L	98
31) Carbon tetrachloride	8.075	117	294291	24.359	ug/L	97
33) Benzene	8.325	78	910281	24.357	ug/L	100
34) Trichloroethene	9.093	95	222887	23.291	ug/L	98
35) Methylcyclohexane	9.337	83	372043	21.971	ug/L	98
37) 1,2-Dichloropropane	9.367	63	254749	25.166	ug/L	100
38) Bromodichloromethane	9.648	83	294687	25.058	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	355723	23.913	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	322585	54.053	ug/L	98
42) Toluene	10.385	91	934413	24.445	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	304555	24.575	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	169937	25.473	ug/L	97
46) Tetrachloroethene	10.861	164	157227	23.228	ug/L	94
48) 2-Hexanone	10.964	43	227368	54.033	ug/L	99
49) Dibromochloromethane	11.123	129	177706	25.406	ug/L	92
50) 1,2-Dibromoethane	11.233	107	150936	24.434	ug/L	92
51) Chlorobenzene	11.659	112	574108	23.968	ug/L	96
52) Ethylbenzene	11.726	91	1053297	24.427	ug/L	100
53) m,p-Xylene	11.836	106	385378	24.024	ug/L	98
54) o-Xylene	12.165	106	363487	24.008	ug/L	98
55) Styrene	12.178	104	651744	25.091	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	211249	26.165	ug/L	95
59) Bromoform	12.348	173	95030	24.508	ug/L	98
60) Isopropylbenzene	12.464	105	1034264	25.502	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	156247	27.019	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	824526	25.575	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	722820	24.478	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	418793	24.559	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	424901	24.750	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	373661	24.402	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	33381	24.915	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	265136	22.635	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	218139	22.569	ug/L	98
71) Naphthalene	15.360	128	426270	24.745	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	202058	23.920	ug/L	98

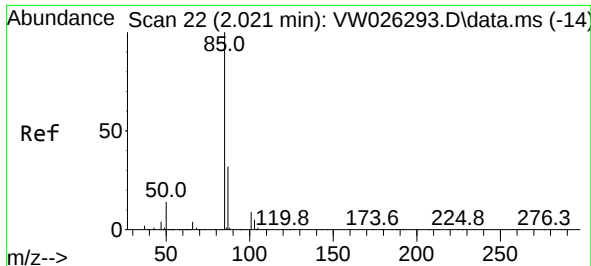
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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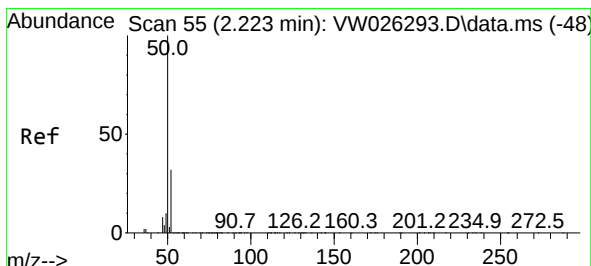
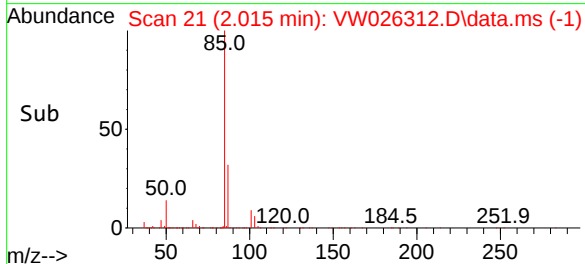
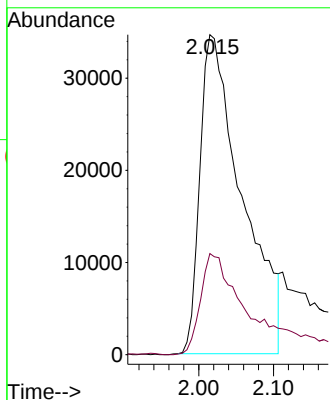
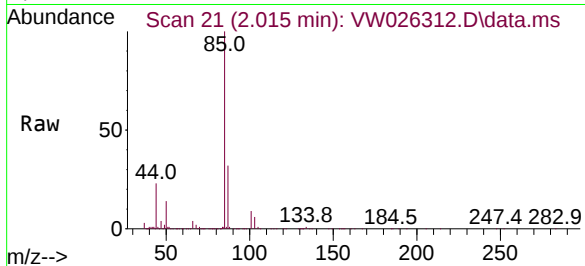




#2
 Dichlorodifluoromethane
 Concen: 18.431 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VW026312.D
 Acq: 23 Jun 2023 10:10

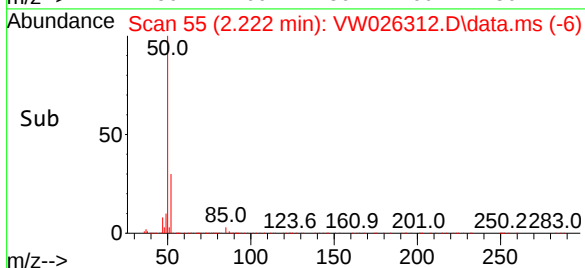
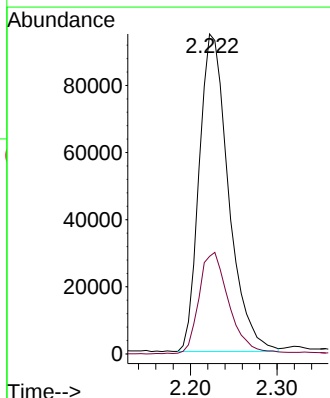
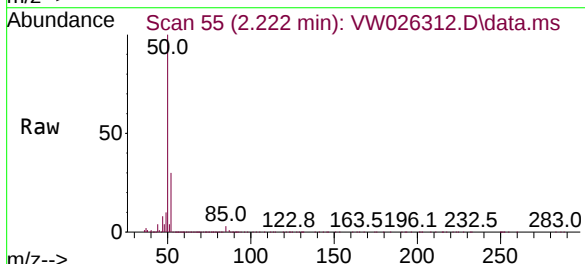
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 ClientSampleId :
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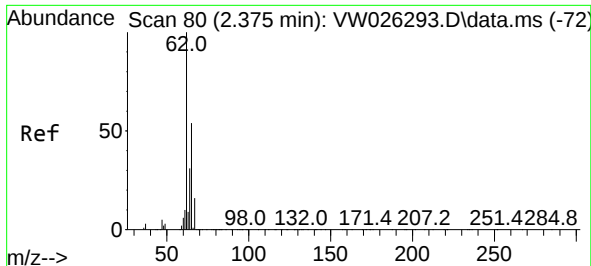
Tgt Ion: 85 Resp: 135642
 Ion Ratio Lower Upper
 85 100
 87 28.1 22.2 33.2



#3
 Chloromethane
 Concen: 23.612 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.001 min
 Lab File: VW026312.D
 Acq: 23 Jun 2023 10:10

Tgt Ion: 50 Resp: 222816
 Ion Ratio Lower Upper
 50 100
 52 30.5 21.3 39.6

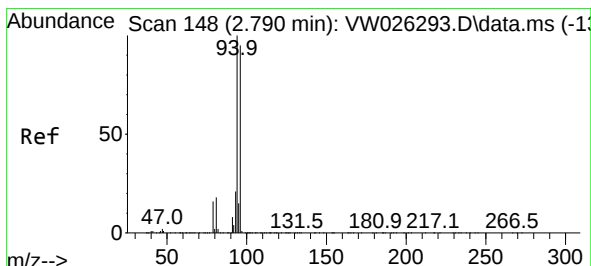
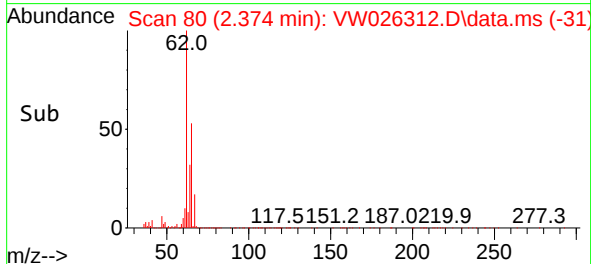
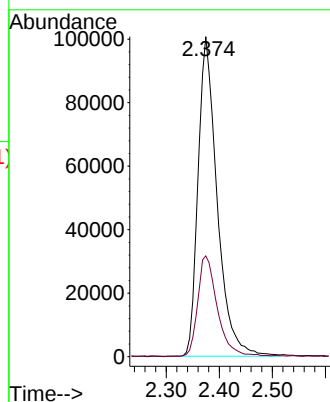
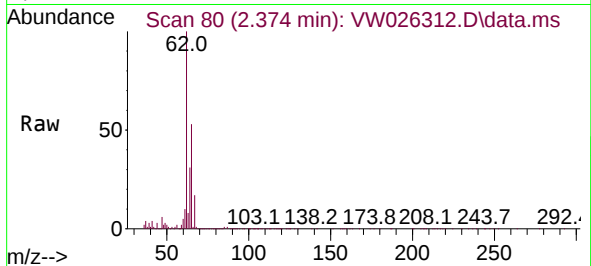




#5
 Vinyl chloride
 Concen: 24.937 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026312.D
 Acq: 23 Jun 2023 10:10

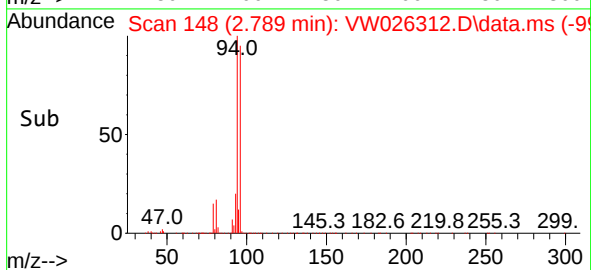
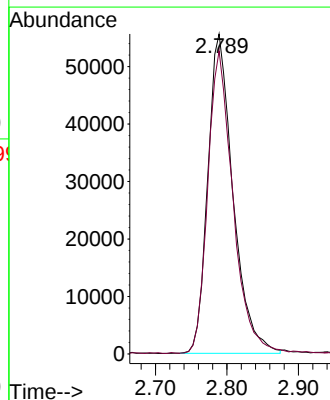
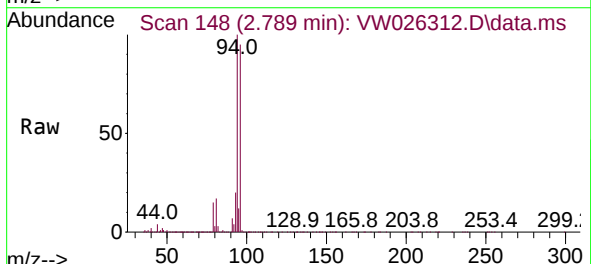
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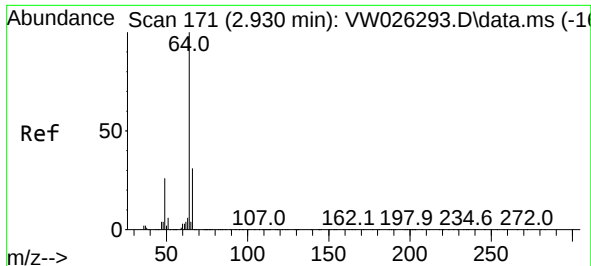
Tgt Ion: 62 Resp: 251532
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.1



#6
 Bromomethane
 Concen: 24.744 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026312.D
 Acq: 23 Jun 2023 10:10

Tgt Ion: 94 Resp: 136063
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.2 119.2

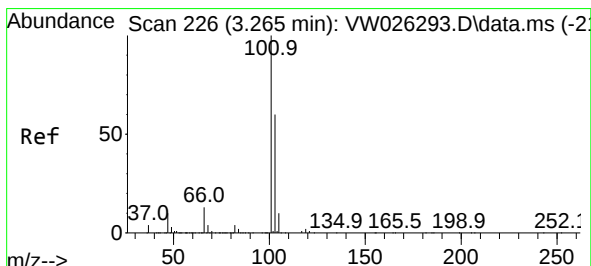
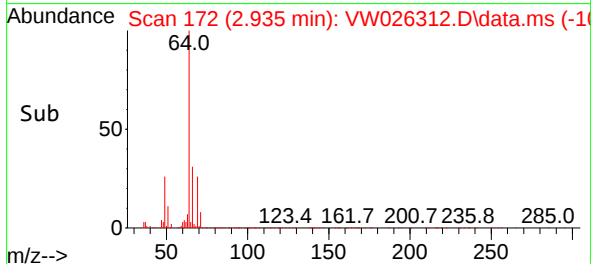
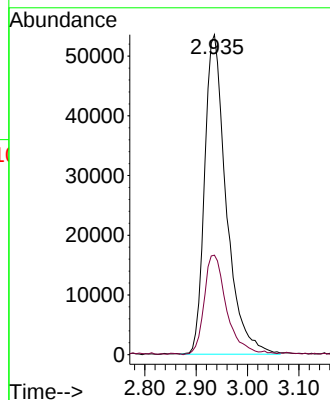
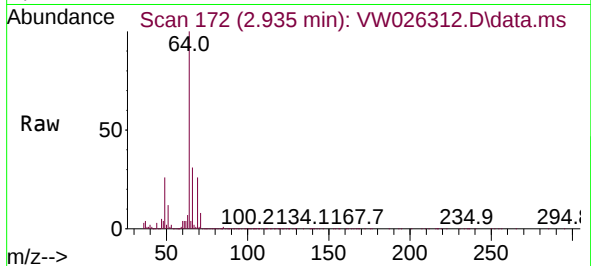




#8
Chloroethane
Concen: 28.668 ug/L
RT: 2.935 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

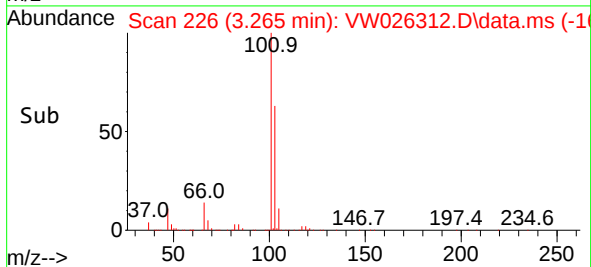
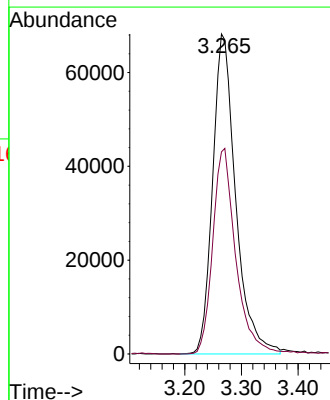
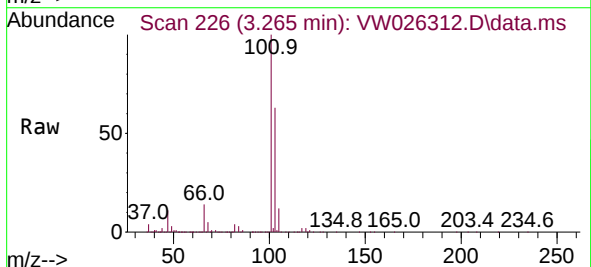
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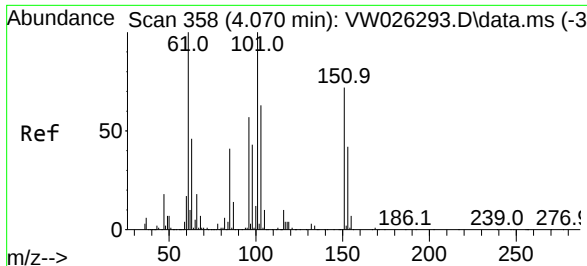
Tgt Ion: 64 Resp: 156260
Ion Ratio Lower Upper
64 100
66 31.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 29.648 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 101 Resp: 192395
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

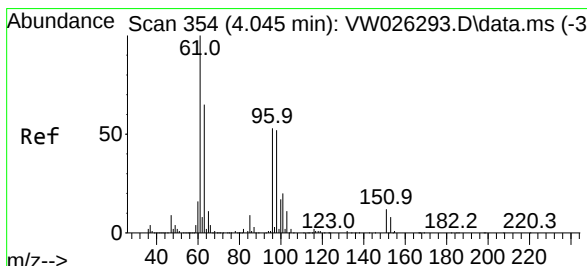
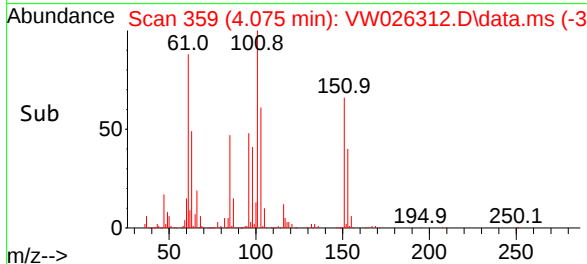
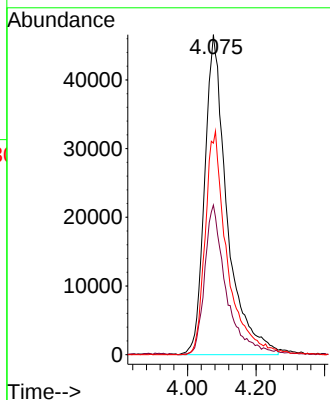
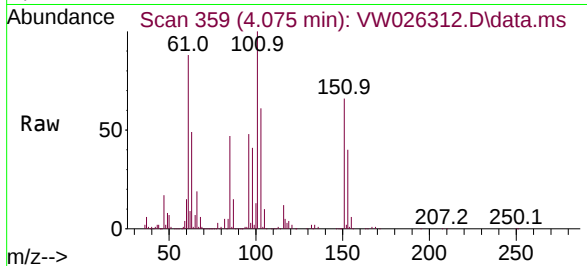




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.900 ug/L
 RT: 4.075 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026312.D
 Acq: 23 Jun 2023 10:10

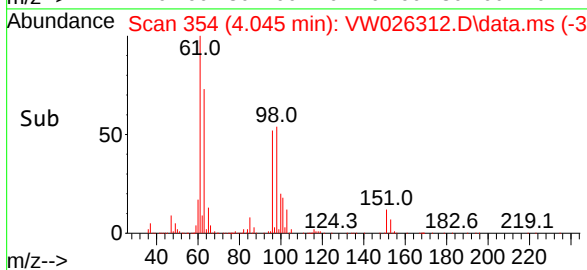
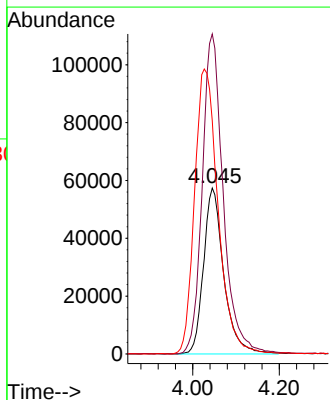
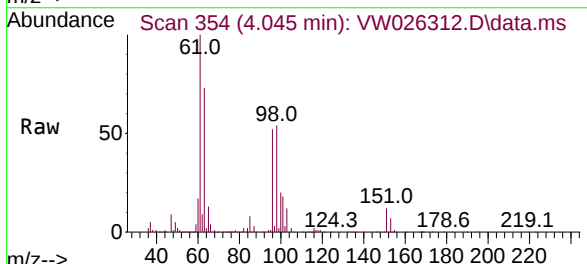
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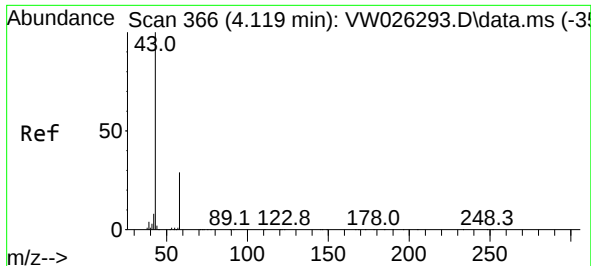
Tgt Ion:101 Resp: 212078
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.1 54.1
 151 67.0 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 24.353 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026312.D
 Acq: 23 Jun 2023 10:10

Tgt Ion: 96 Resp: 186146
 Ion Ratio Lower Upper
 96 100
 61 192.9 140.6 261.0
 63 140.5 131.7 244.5

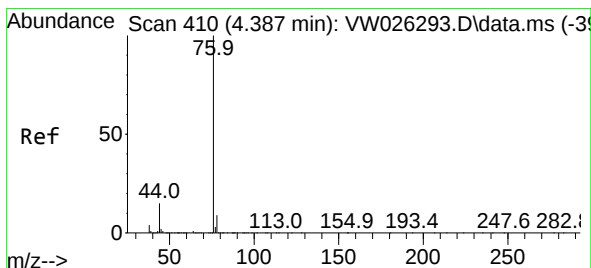
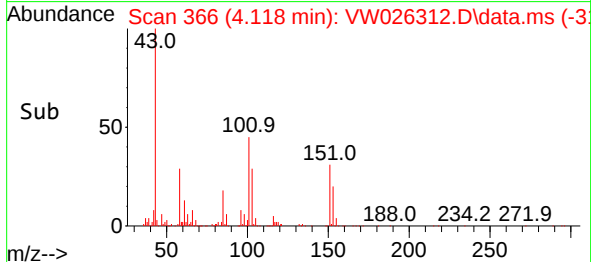
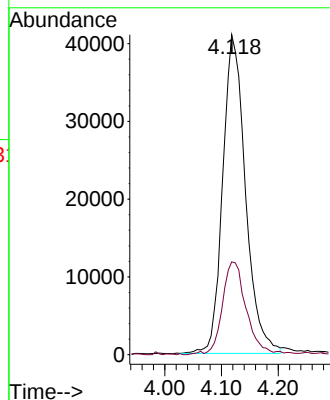
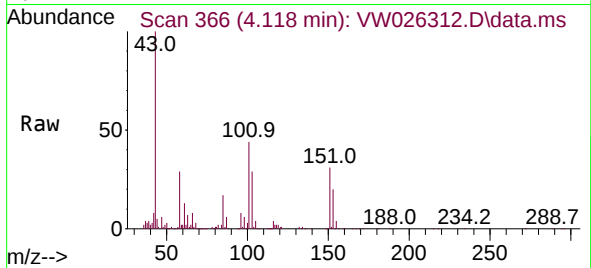




#13
Acetone
Concen: 60.120 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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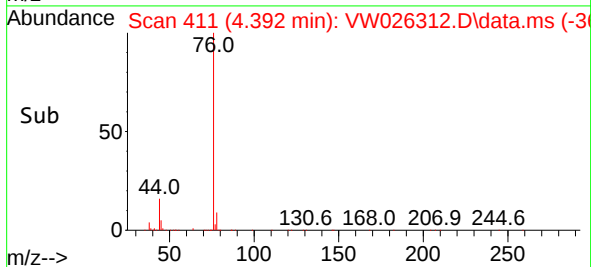
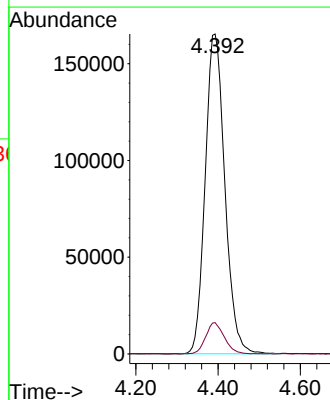
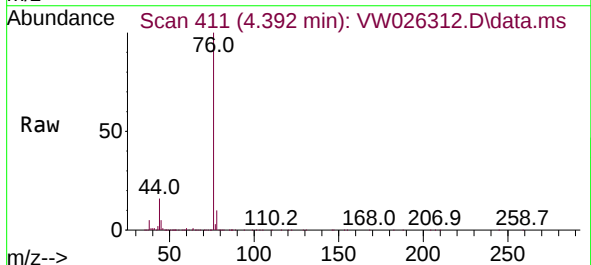
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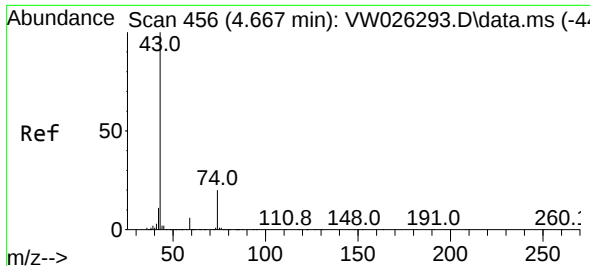
Tgt Ion: 43 Resp: 114381
Ion Ratio Lower Upper
43 100
58 28.9 0.0 58.2



#14
Carbon disulfide
Concen: 20.350 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 76 Resp: 549096
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

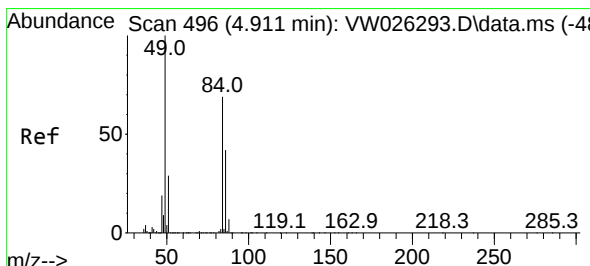
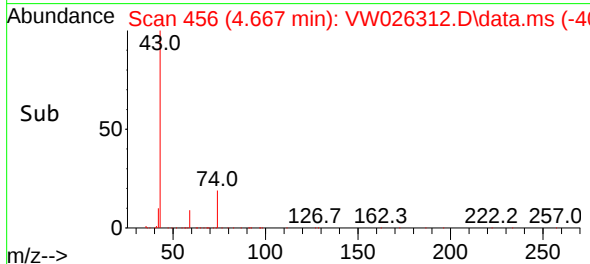
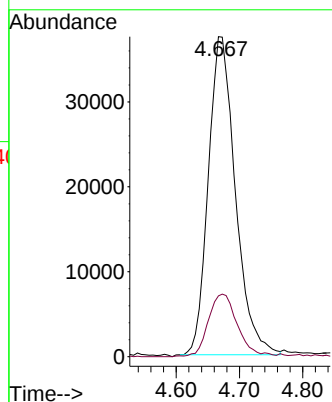
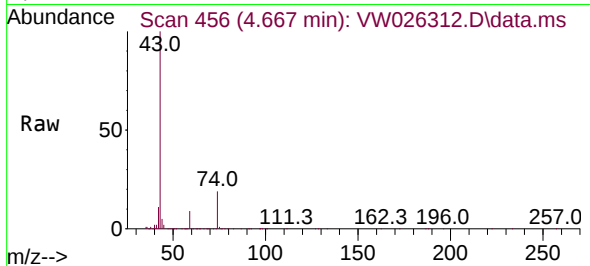




#15
Methyl Acetate
Concen: 26.154 ug/L
RT: 4.667 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

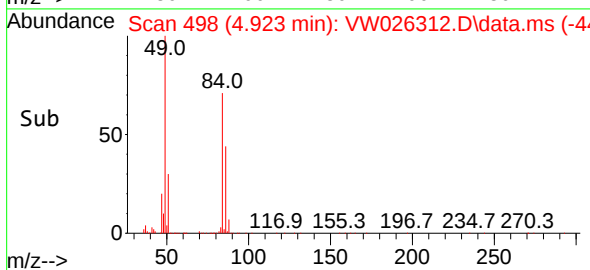
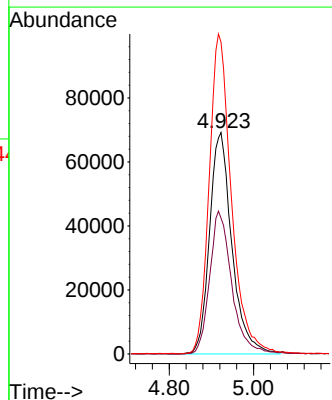
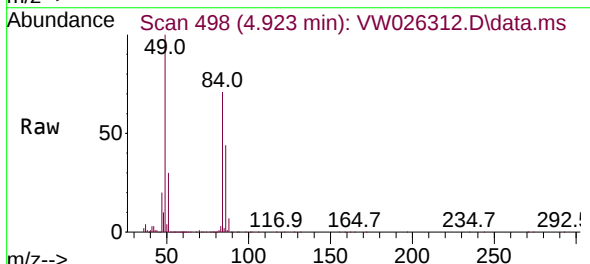
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

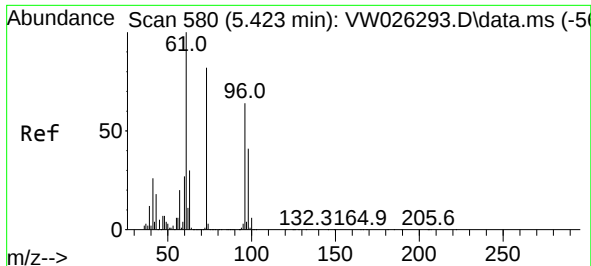
Tgt Ion: 43 Resp: 111679
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0



#16
Methylene chloride
Concen: 26.575 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 84 Resp: 254640
Ion Ratio Lower Upper
84 100
86 61.3 44.2 82.0
49 140.9 98.8 183.6

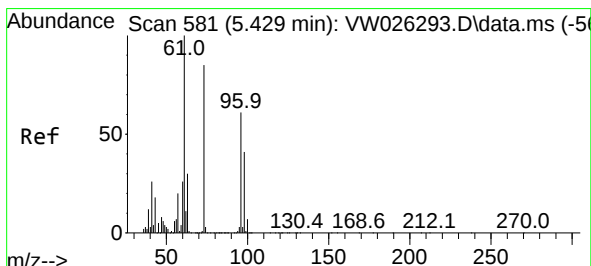
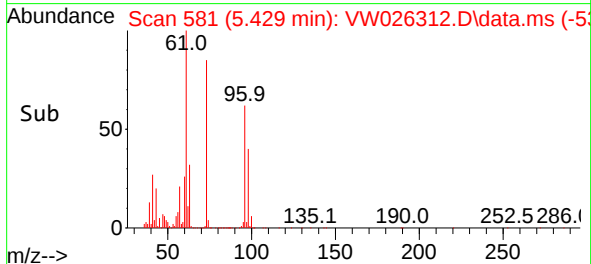
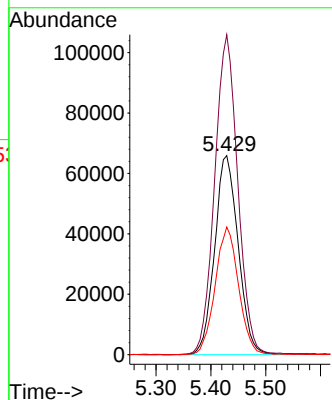
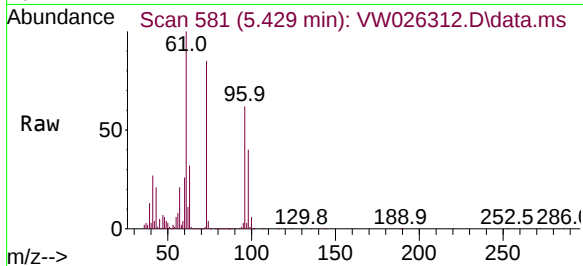




#17
trans-1,2-Dichloroethene
Concen: 22.965 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

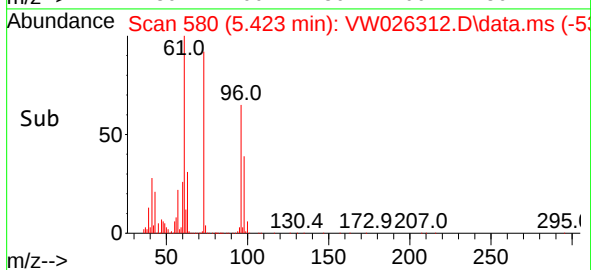
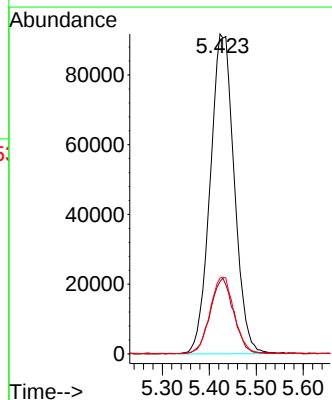
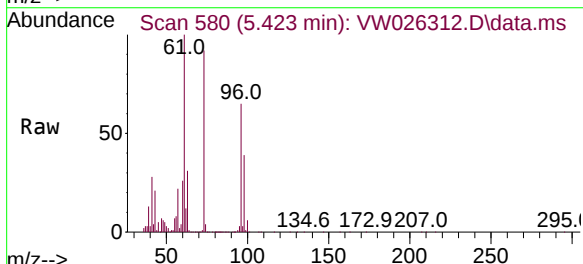
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

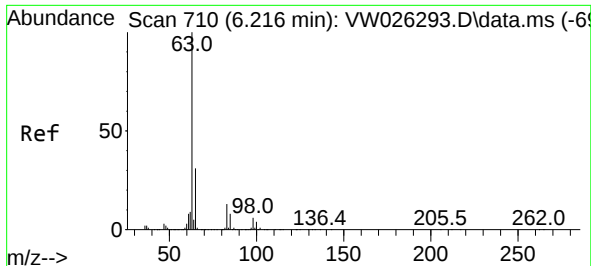
Tgt Ion: 96 Resp: 196947
Ion Ratio Lower Upper
96 100
61 160.7 113.0 209.8
98 64.1 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.153 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.007 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 73 Resp: 326456
Ion Ratio Lower Upper
73 100
43 22.8 17.8 26.6
57 24.0 18.9 28.3





#19

1,1-Dichloroethane

Concen: 25.184 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

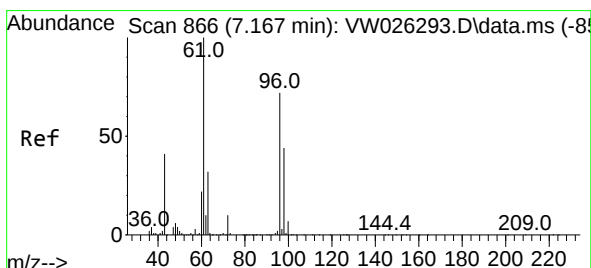
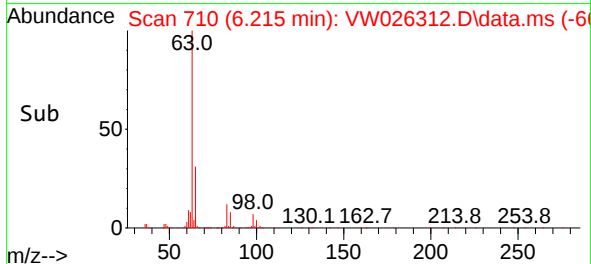
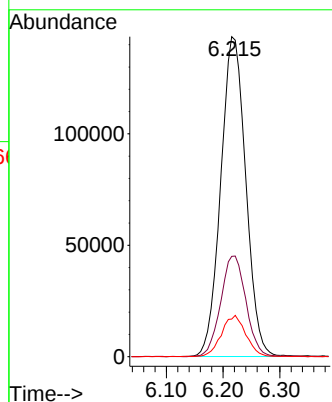
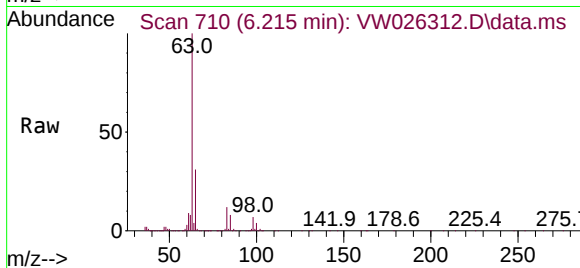
Tgt Ion: 63 Resp: 439691

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

83 11.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 24.635 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

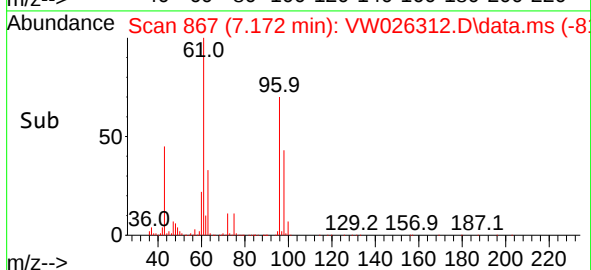
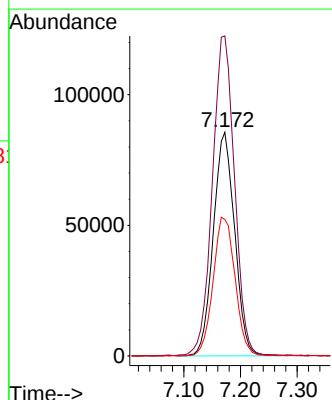
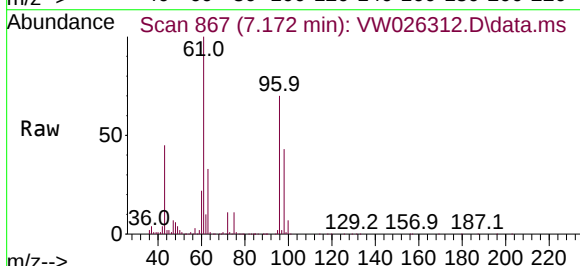
Tgt Ion: 96 Resp: 223786

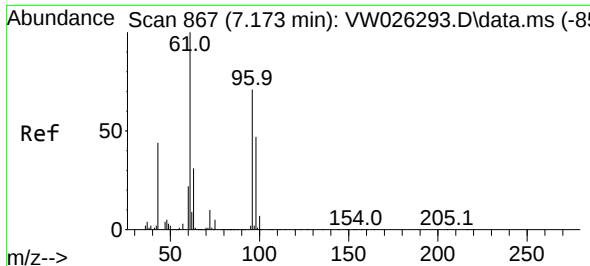
Ion Ratio Lower Upper

96 100

61 143.0 98.4 182.8

98 61.0 45.2 84.0

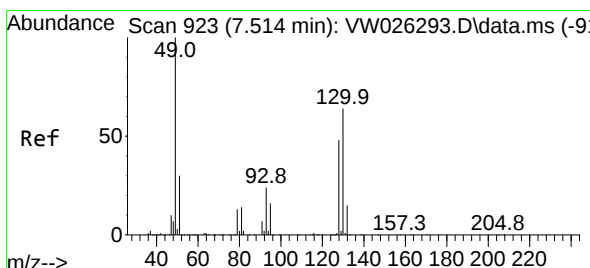
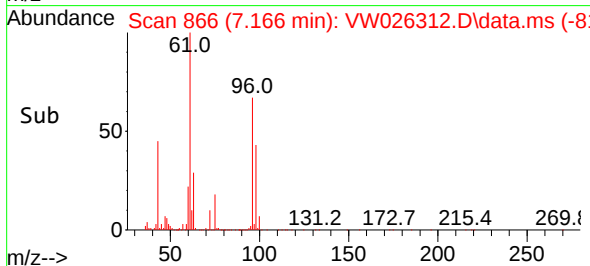
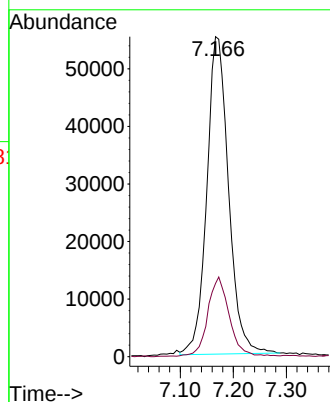
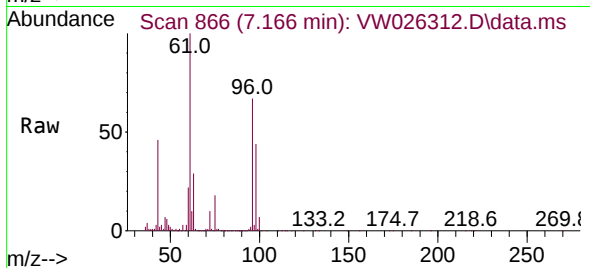




#22
2-Butanone
Concen: 57.894 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.007 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

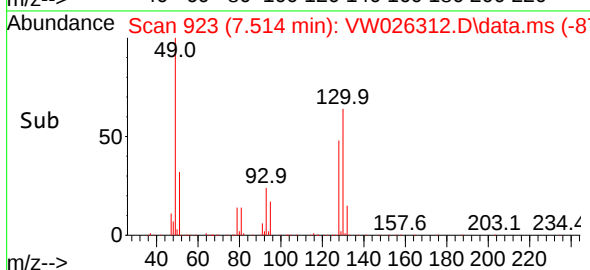
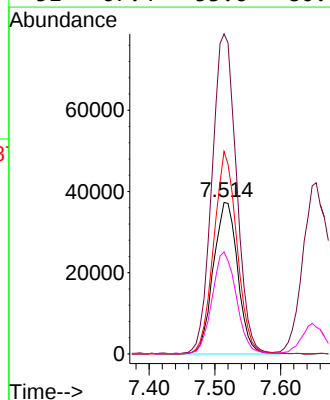
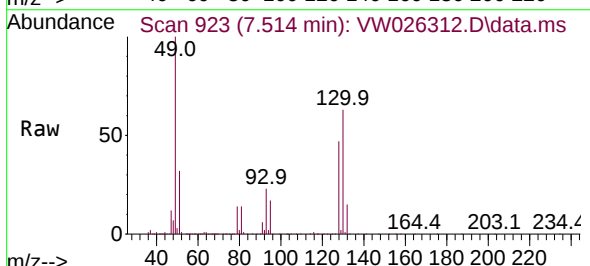
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

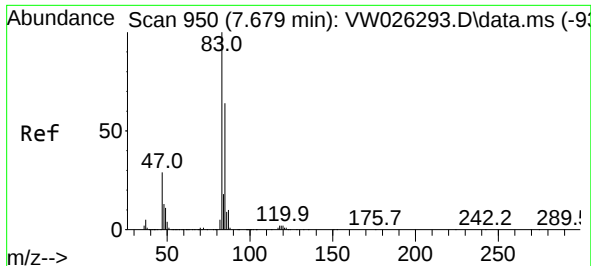
Tgt Ion: 43 Resp: 157122
Ion Ratio Lower Upper
43 100
72 24.1 12.4 37.4



#23
Bromochloromethane
Concen: 24.818 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.001 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 128 Resp: 96148
Ion Ratio Lower Upper
128 100
49 211.1 140.6 261.0
130 133.7 86.0 159.6
51 67.4 53.6 80.4

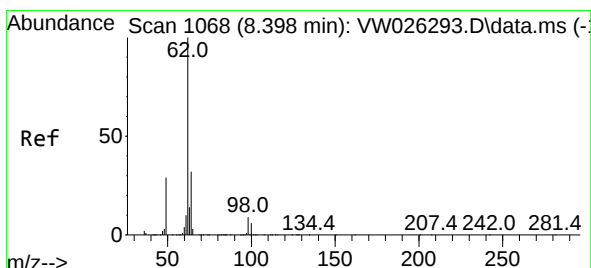
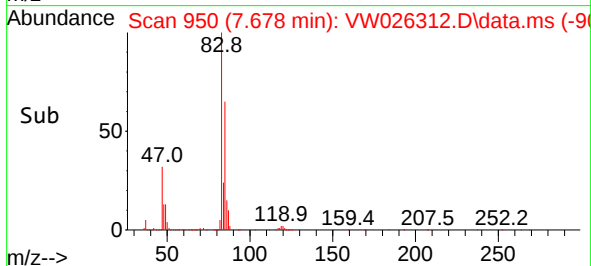
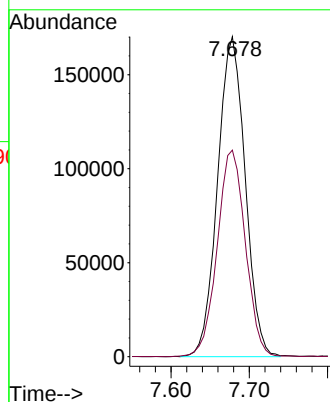
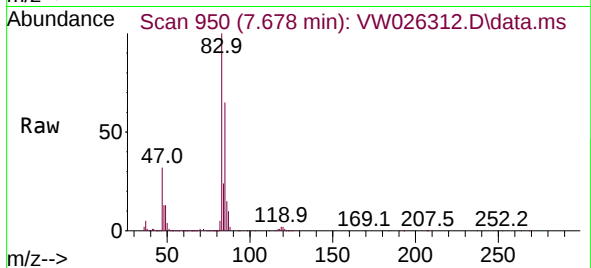




#25
Chloroform
Concen: 25.623 ug/L
RT: 7.678 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

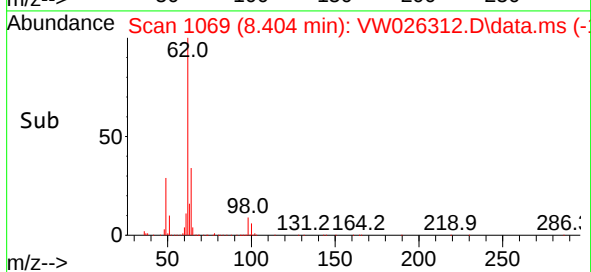
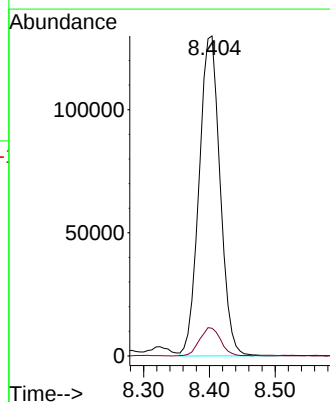
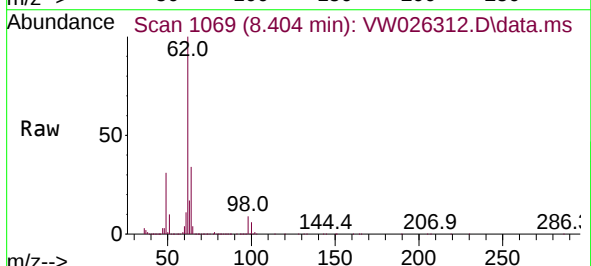
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

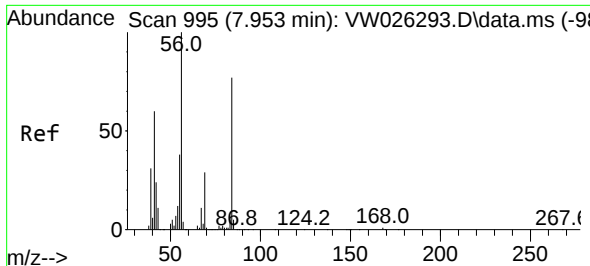
Tgt Ion: 83 Resp: 416664
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.672 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 62 Resp: 287924
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.2





#29

Cyclohexane

Concen: 21.710 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

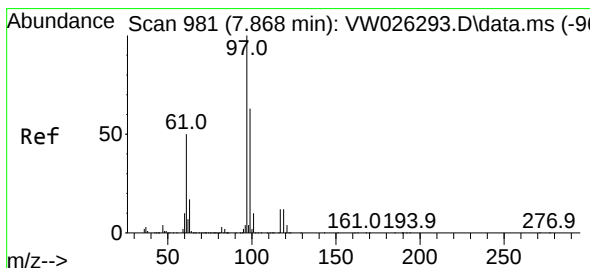
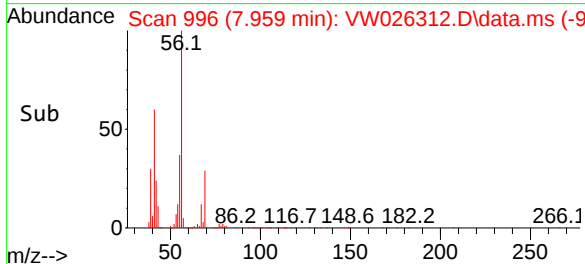
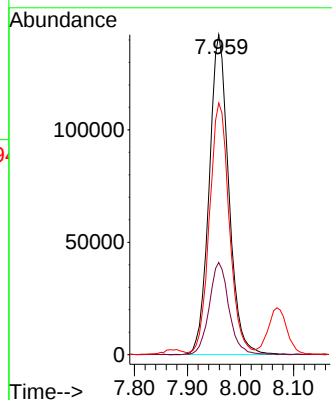
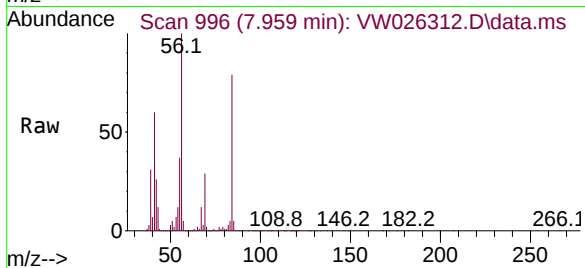
Tgt Ion: 56 Resp: 365656

Ion Ratio Lower Upper

56 100

69 28.9 23.3 34.9

84 79.5 63.0 94.6



#30

1,1,1-Trichloroethane

Concen: 24.564 ug/L

RT: 7.873 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

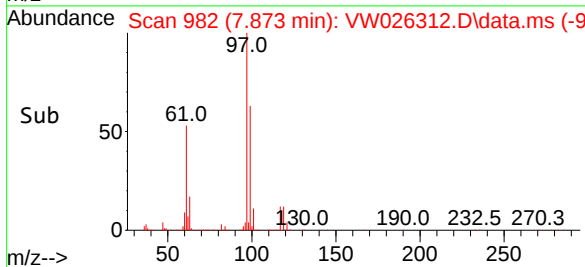
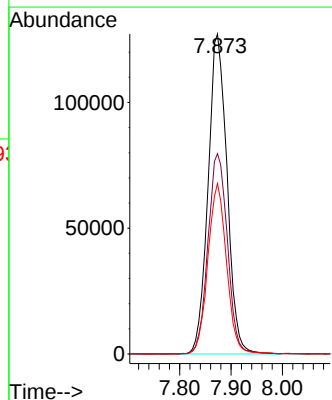
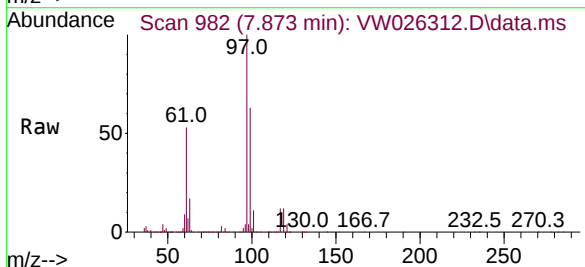
Tgt Ion: 97 Resp: 325207

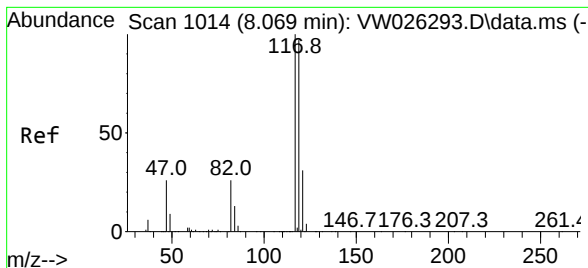
Ion Ratio Lower Upper

97 100

99 64.5 50.6 76.0

61 52.3 40.5 60.7

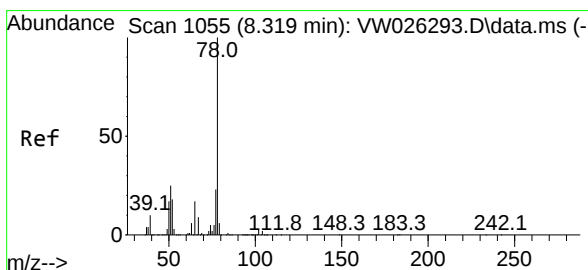
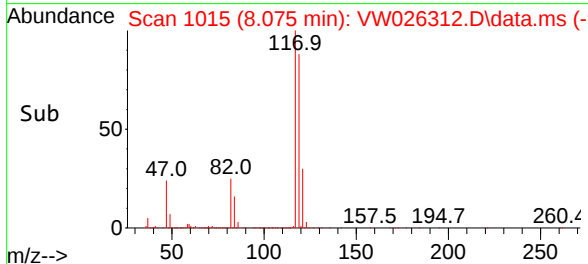
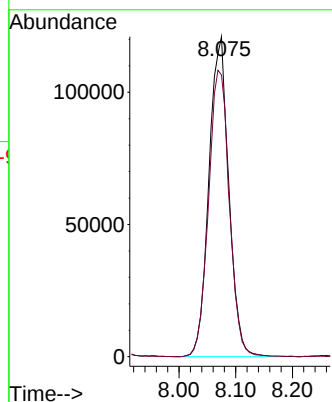
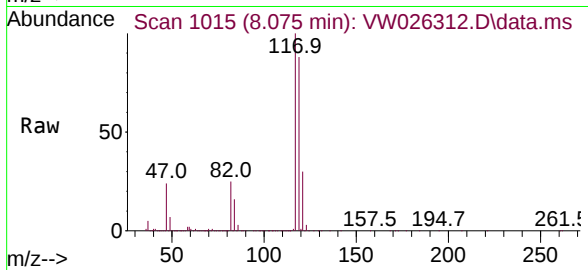




#31
Carbon tetrachloride
Concen: 24.359 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

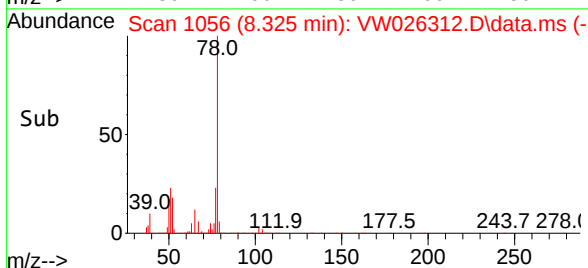
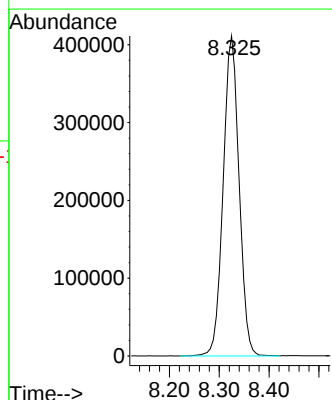
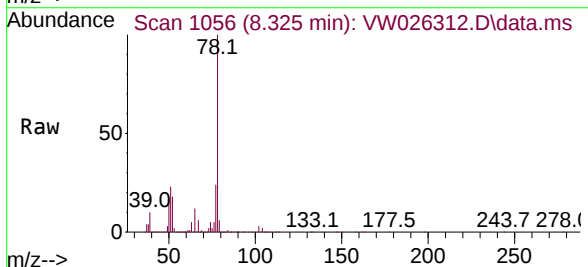
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

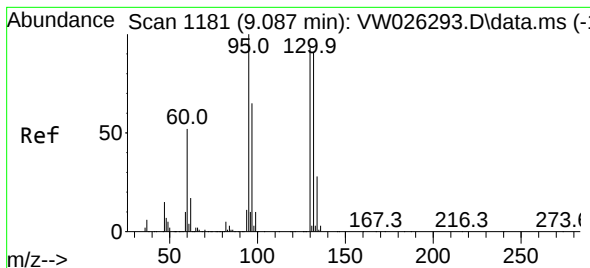
Tgt Ion:117 Resp: 294291
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2



#33
Benzene
Concen: 24.357 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 78 Resp: 910281





#34

Trichloroethene

Concen: 23.291 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

Tgt Ion: 95 Resp: 222887

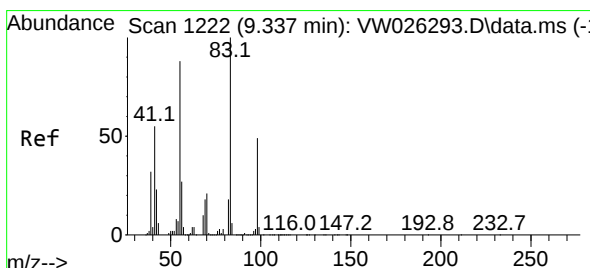
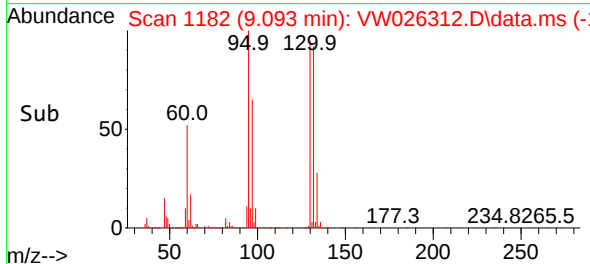
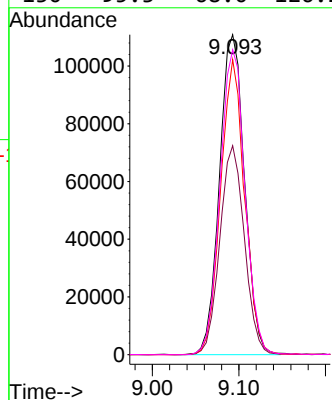
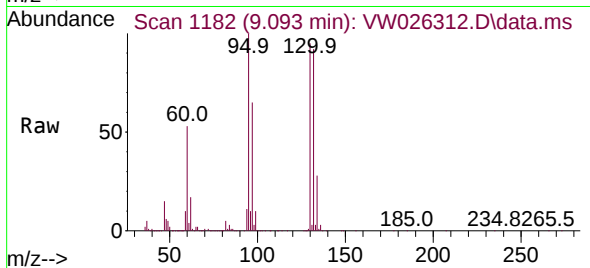
Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 92.2 67.1 124.7

130 95.3 68.0 126.2



#35

Methylcyclohexane

Concen: 21.971 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

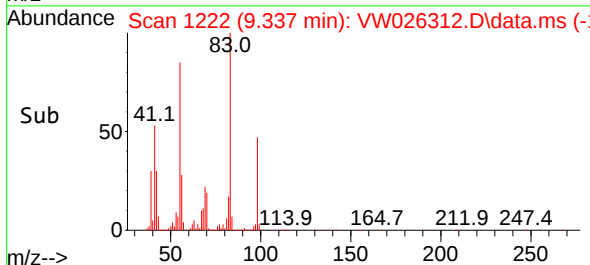
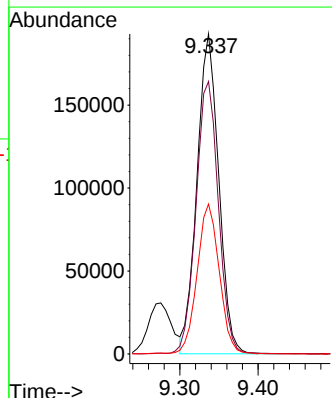
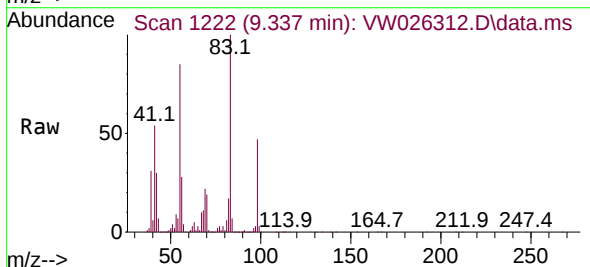
Tgt Ion: 83 Resp: 372043

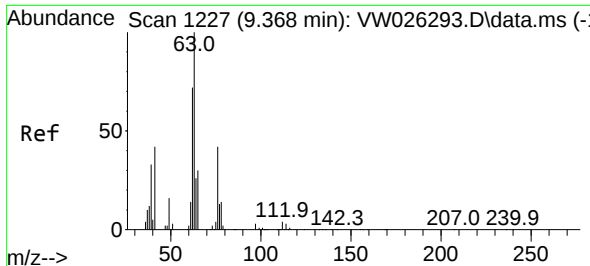
Ion Ratio Lower Upper

83 100

55 87.8 68.2 102.4

98 47.8 38.1 57.1

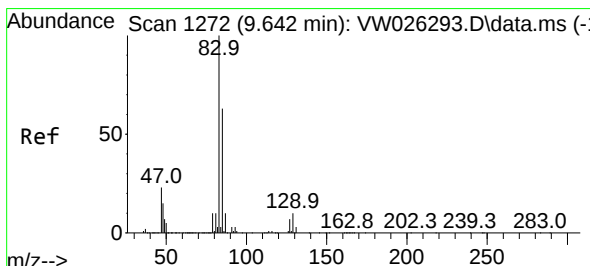
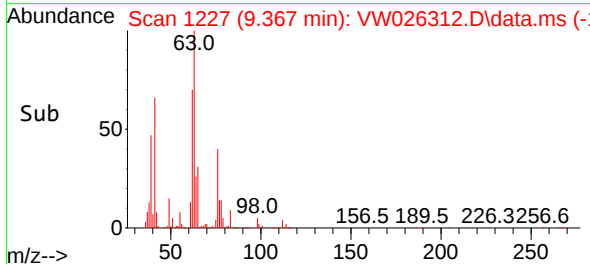
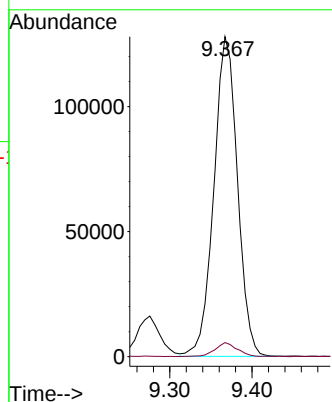
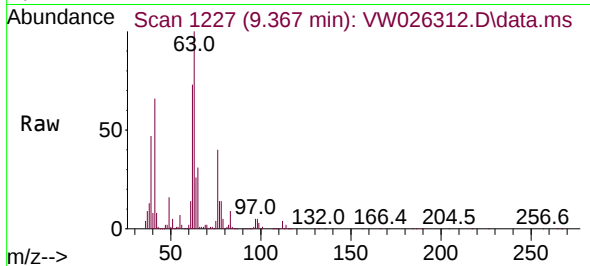




#37
1,2-Dichloropropane
Concen: 25.166 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

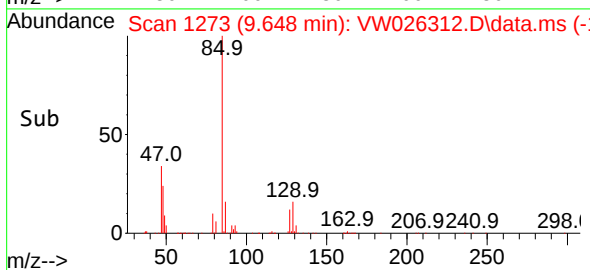
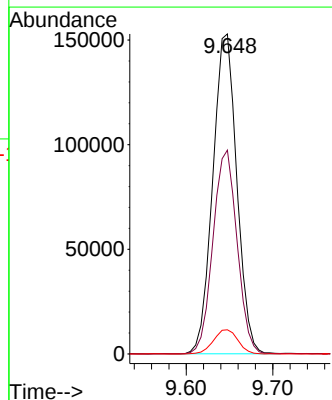
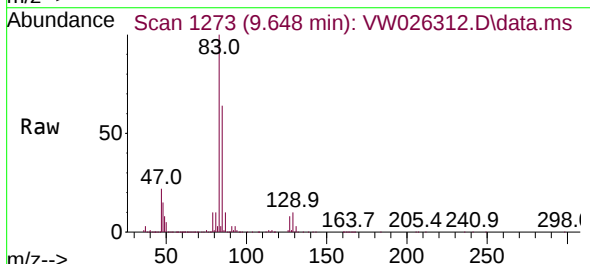
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

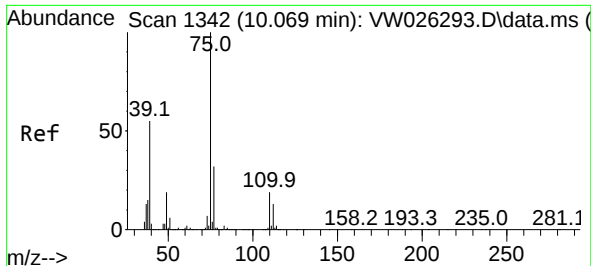
Tgt Ion: 63 Resp: 254749
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 25.058 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 83 Resp: 294687
Ion Ratio Lower Upper
83 100
85 63.7 44.2 82.0
127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.913 ug/L

RT: 10.074 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

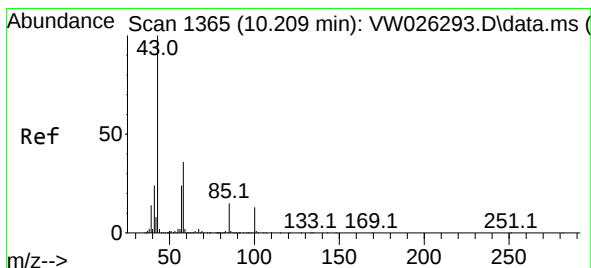
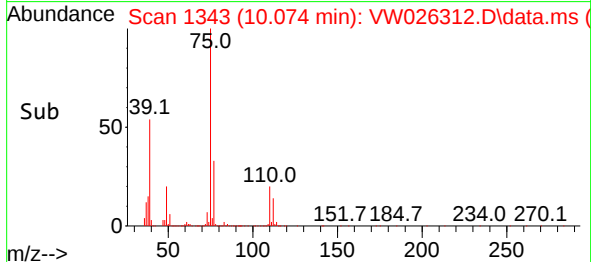
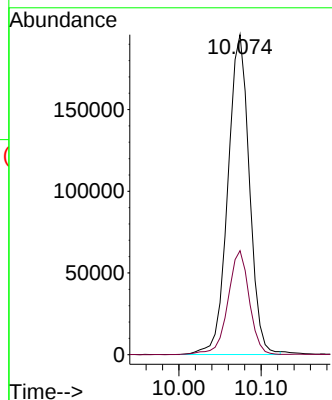
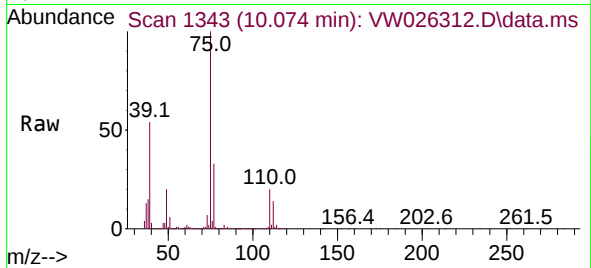
VSTD025531

Tgt Ion: 75 Resp: 355723

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.053 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

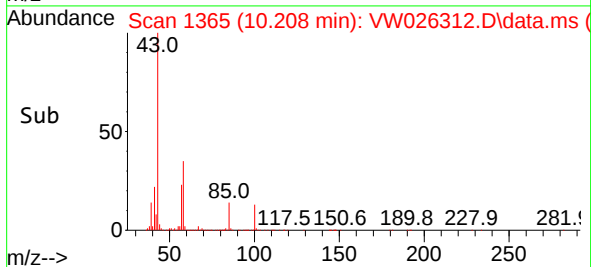
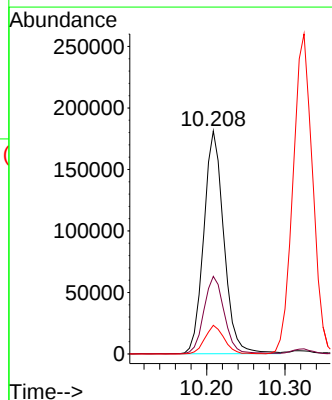
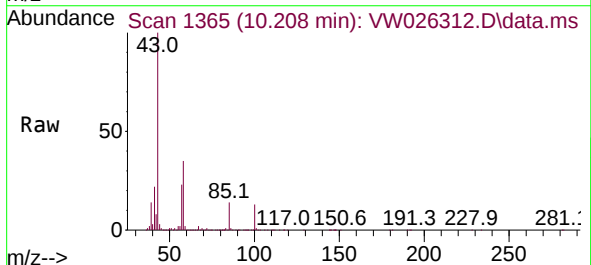
Tgt Ion: 43 Resp: 322585

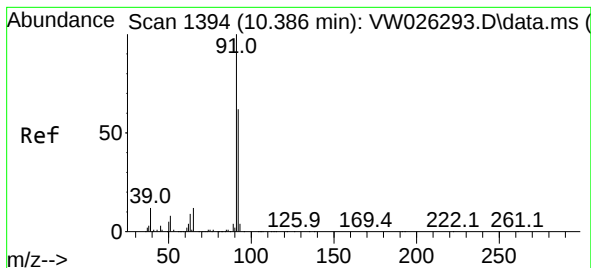
Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.4

100 12.3 10.5 15.7





#42

Toluene

Concen: 24.445 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

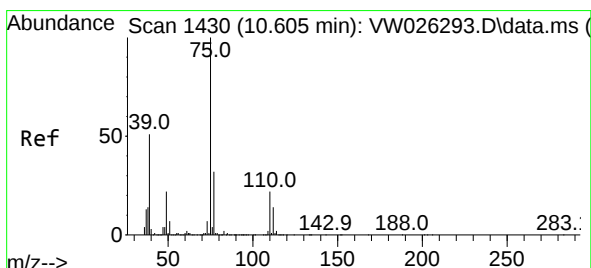
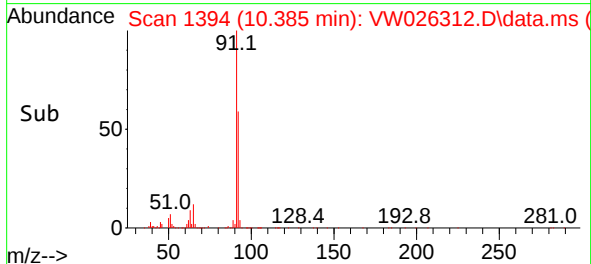
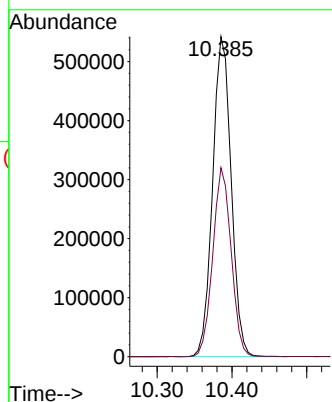
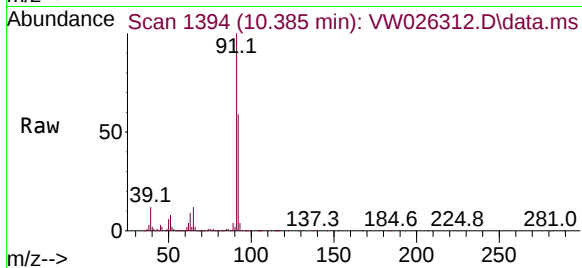
VSTD025531

Tgt Ion: 91 Resp: 934413

Ion Ratio Lower Upper

91 100

92 59.0 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 24.575 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026312.D

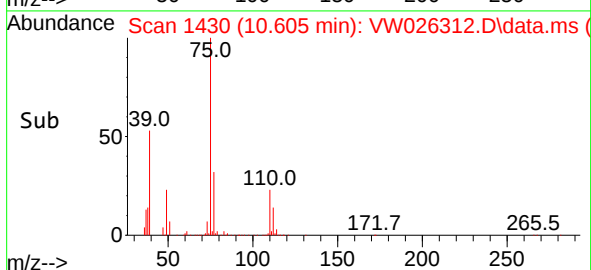
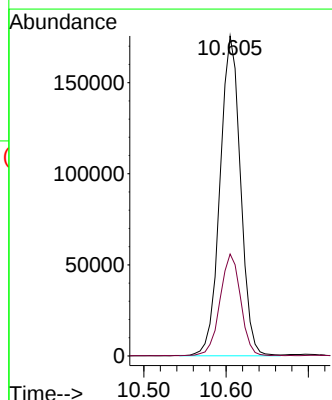
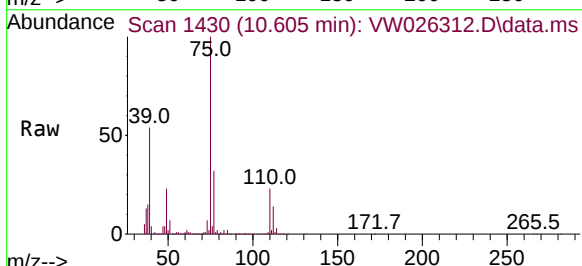
Acq: 23 Jun 2023 10:10

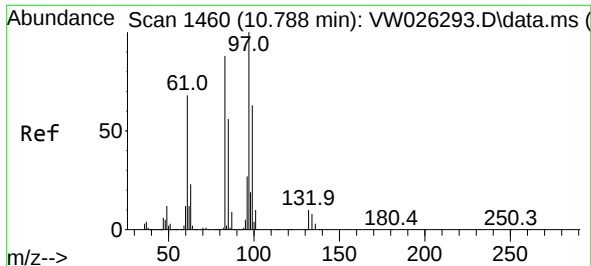
Tgt Ion: 75 Resp: 304555

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.3



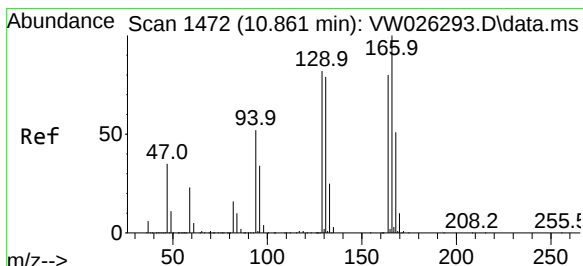
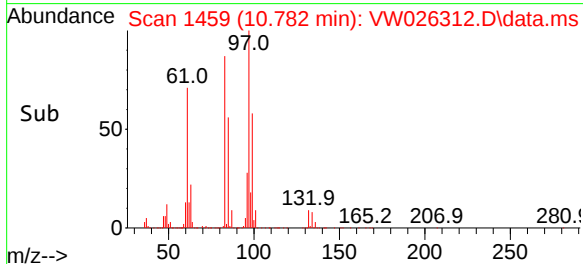
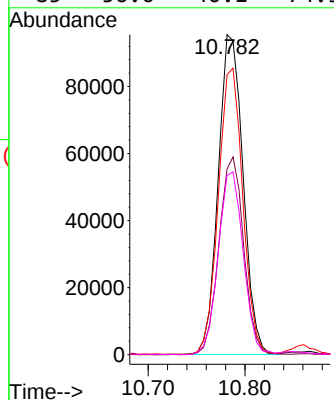
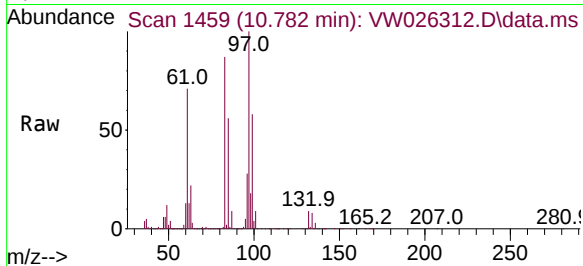


#45
1,1,2-Trichloroethane
Concen: 25.473 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.007 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Tgt Ion: 97 Resp: 169937

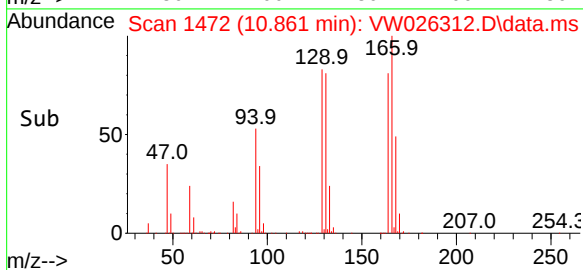
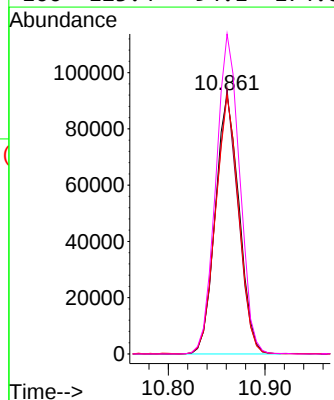
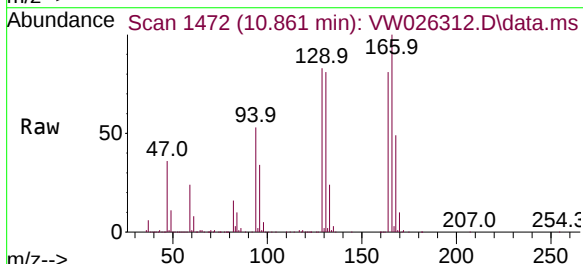
Ion	Ratio	Lower	Upper
97	100		
99	58.1	43.3	80.5
83	87.5	62.9	116.9
85	56.0	40.1	74.5

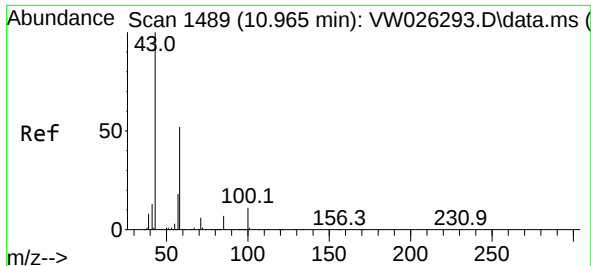


#46
Tetrachloroethene
Concen: 23.228 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 164 Resp: 157227

Ion	Ratio	Lower	Upper
164	100		
129	102.2	68.5	127.1
131	99.7	67.1	124.7
166	123.4	94.1	174.8

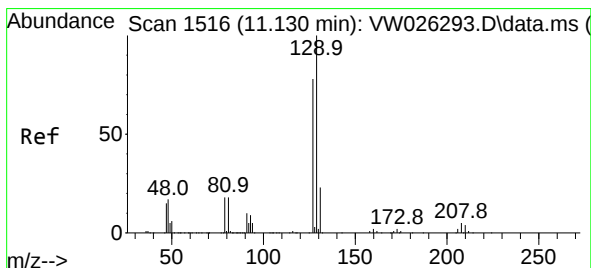
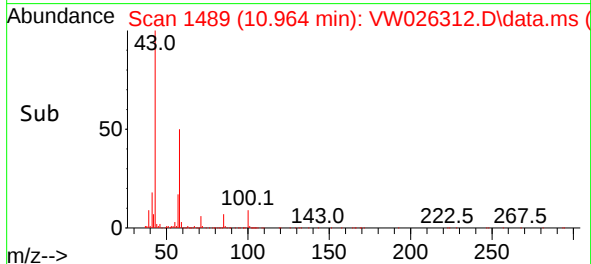
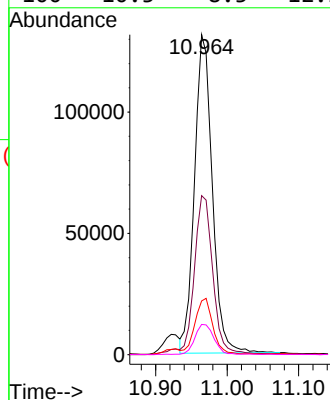
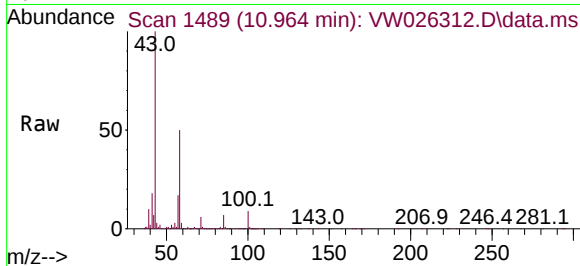




#48
2-Hexanone
Concen: 54.033 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

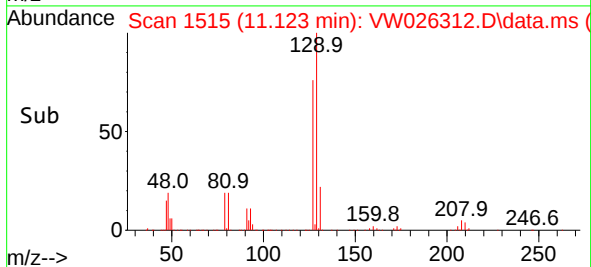
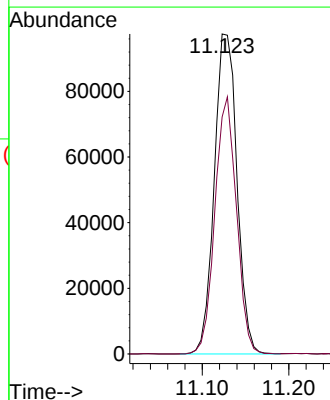
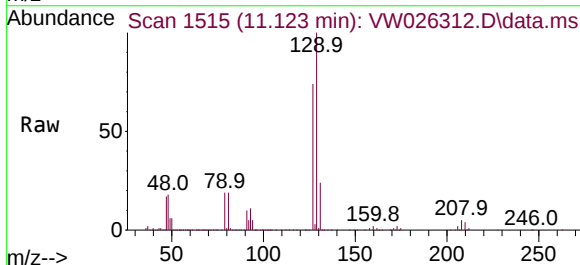
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

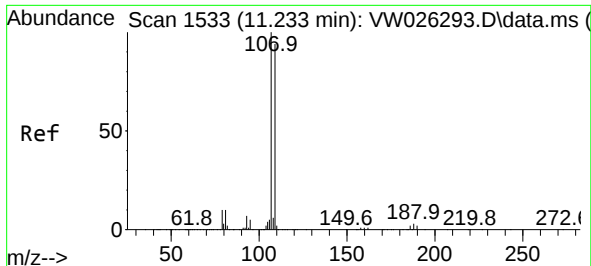
Tgt Ion: 43 Resp: 227368
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 17.8 14.2 21.2
100 10.3 8.3 12.5



#49
Dibromochloromethane
Concen: 25.406 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.007 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 129 Resp: 177706
Ion Ratio Lower Upper
129 100
127 74.0 56.9 105.7





#50

1,2-Dibromoethane

Concen: 24.434 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

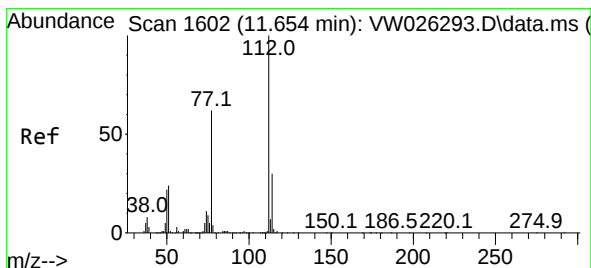
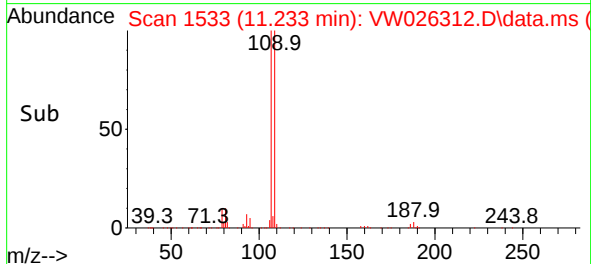
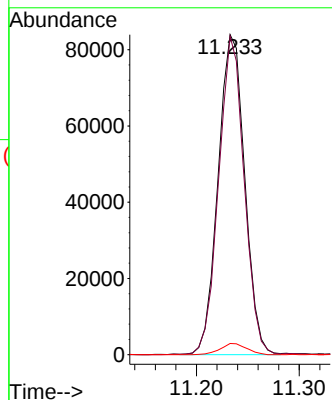
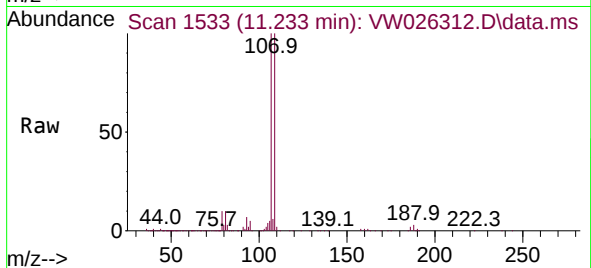
Tgt Ion:107 Resp: 150936

Ion Ratio Lower Upper

107 100

109 99.5 64.0 119.0

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 23.968 ug/L

RT: 11.659 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

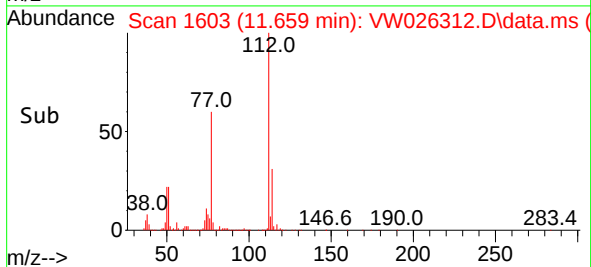
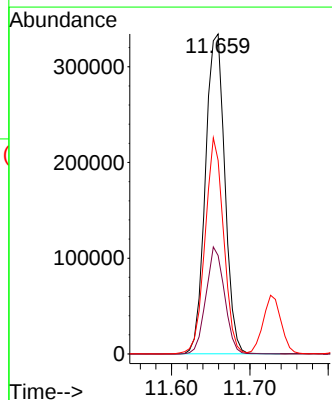
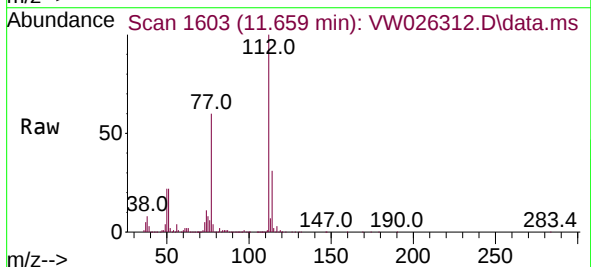
Tgt Ion:112 Resp: 574108

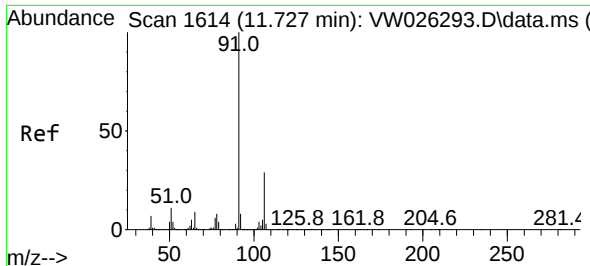
Ion Ratio Lower Upper

112 100

114 30.8 23.0 42.6

77 60.5 50.9 76.3

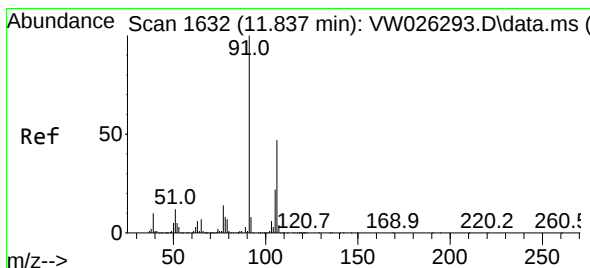
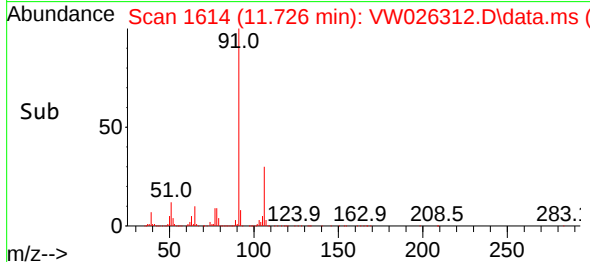
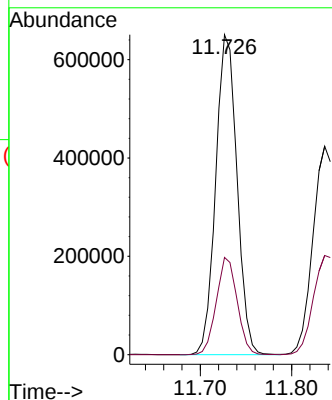
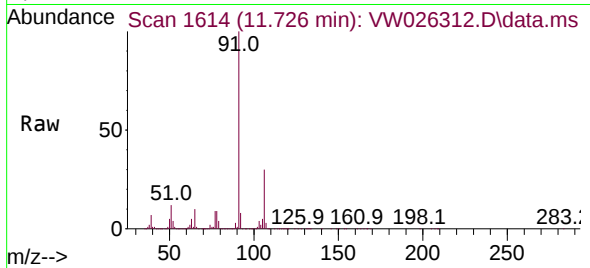




#52
Ethylbenzene
Concen: 24.427 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

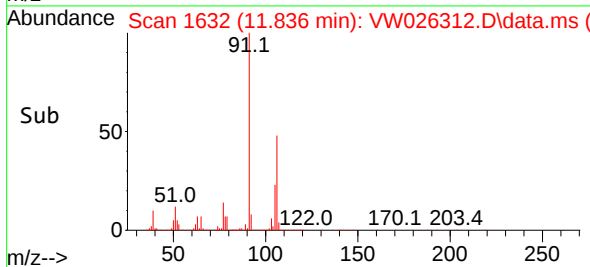
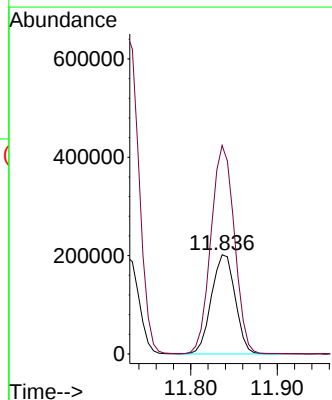
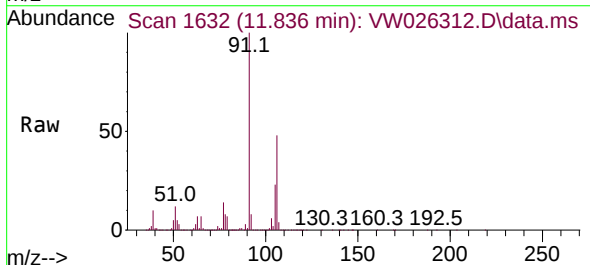
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

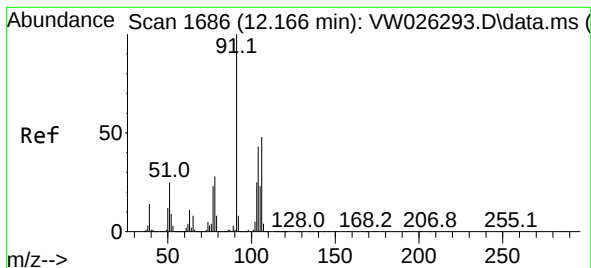
Tgt Ion: 91 Resp: 1053297
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 24.024 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion: 106 Resp: 385378
Ion Ratio Lower Upper
106 100
91 210.1 149.5 277.7





#54

o-Xylene

Concen: 24.008 ug/L

RT: 12.165 min Scan# 1

Delta R.T. -0.001 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

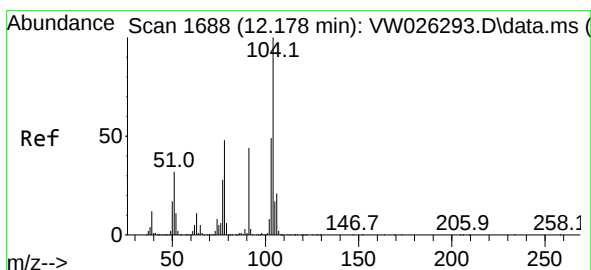
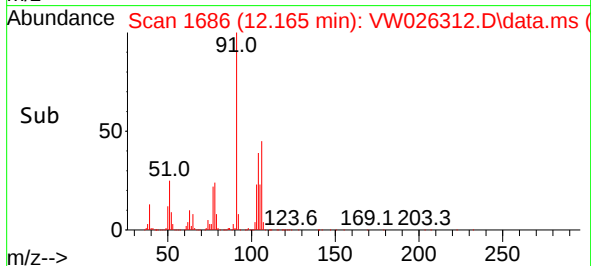
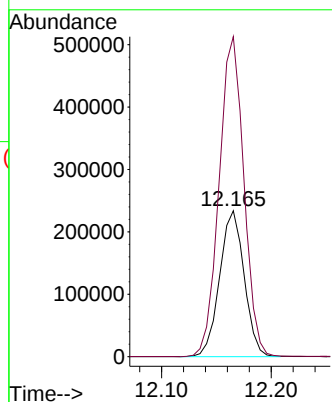
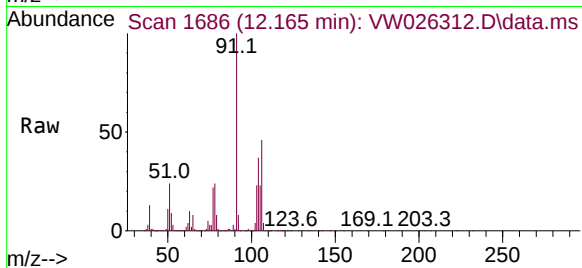
VSTD025531

Tgt Ion:106 Resp: 363487

Ion Ratio Lower Upper

106 100

91 219.4 150.9 280.3



#55

Styrene

Concen: 25.091 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026312.D

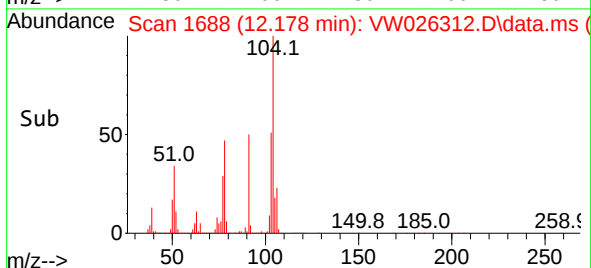
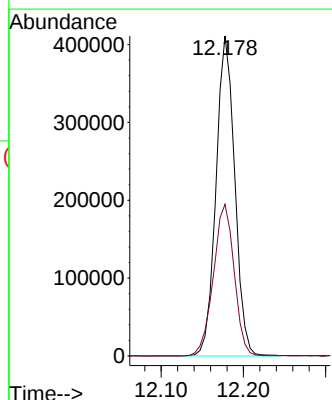
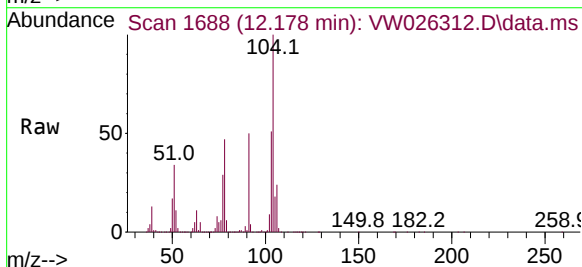
Acq: 23 Jun 2023 10:10

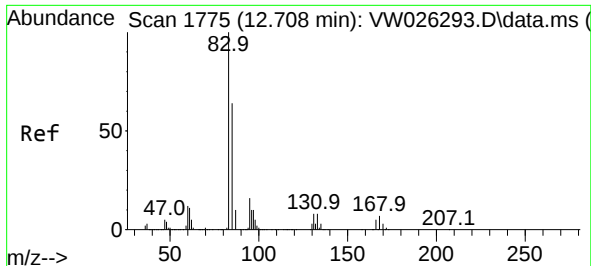
Tgt Ion:104 Resp: 651744

Ion Ratio Lower Upper

104 100

78 47.4 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.165 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

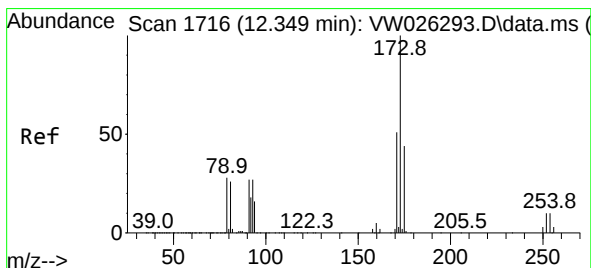
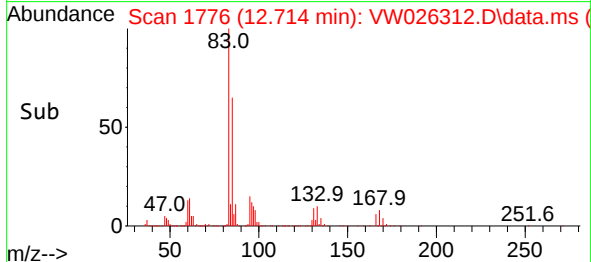
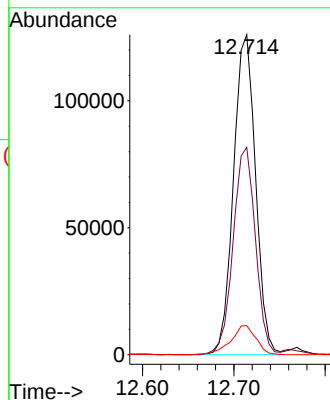
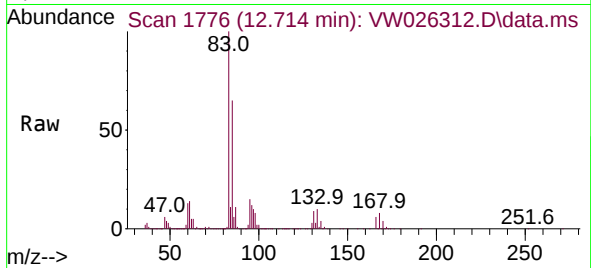
Tgt Ion: 83 Resp: 211249

Ion Ratio Lower Upper

83 100

85 64.8 42.6 79.0

131 9.1 7.2 10.8



#59

Bromoform

Concen: 24.508 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

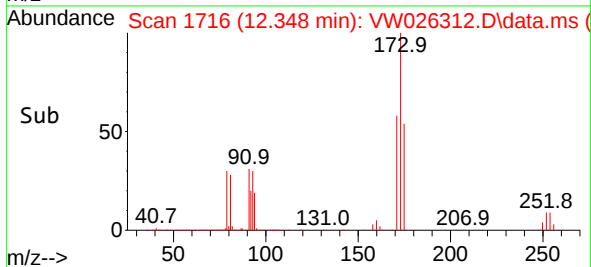
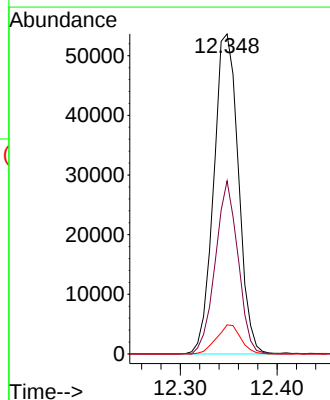
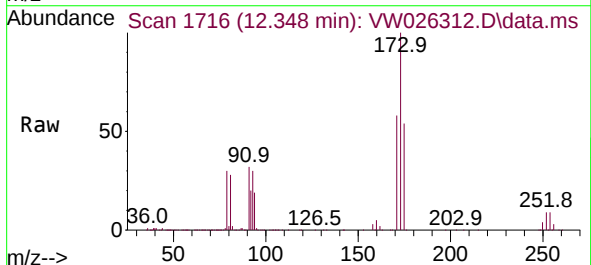
Tgt Ion:173 Resp: 95030

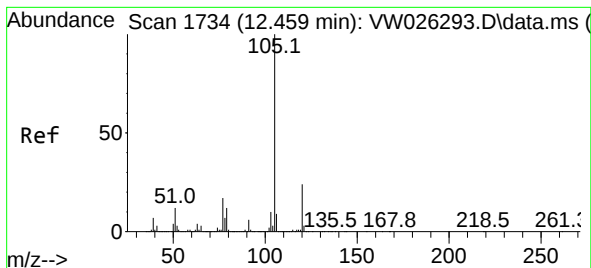
Ion Ratio Lower Upper

173 100

175 49.6 38.6 57.8

254 8.9 7.4 11.0





#60

Isopropylbenzene

Concen: 25.502 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

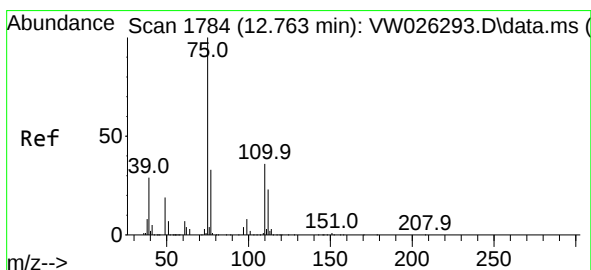
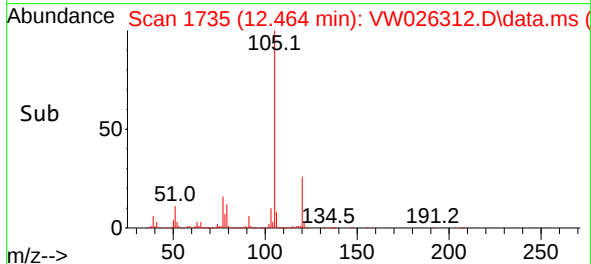
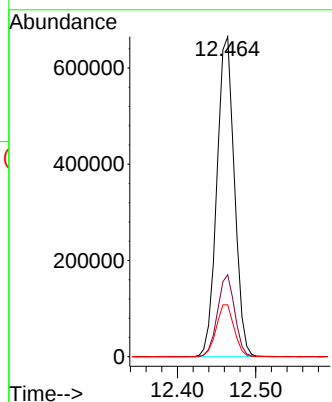
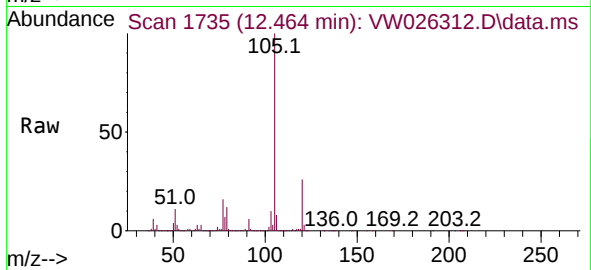
Tgt Ion:105 Resp: 1034264

Ion Ratio Lower Upper

105 100

120 25.1 19.8 29.8

77 16.6 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 27.019 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

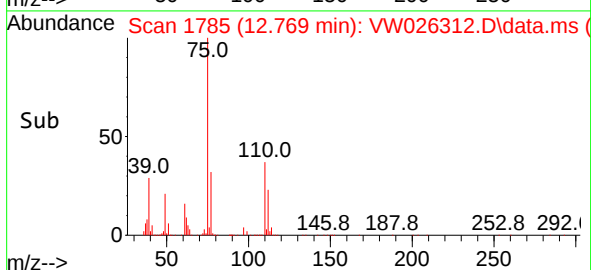
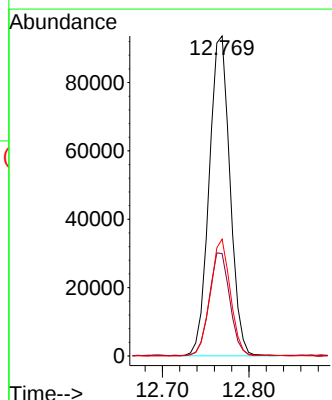
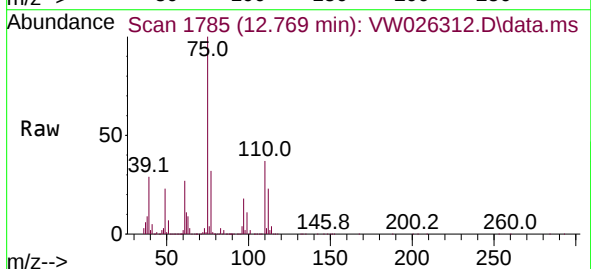
Tgt Ion: 75 Resp: 156247

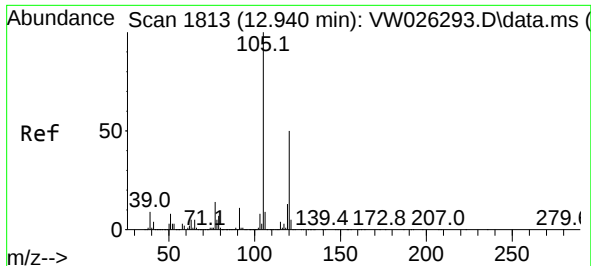
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 35.0 28.7 43.1

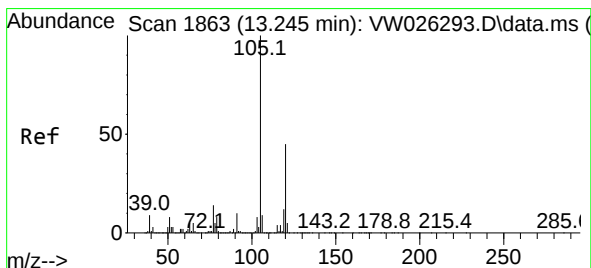
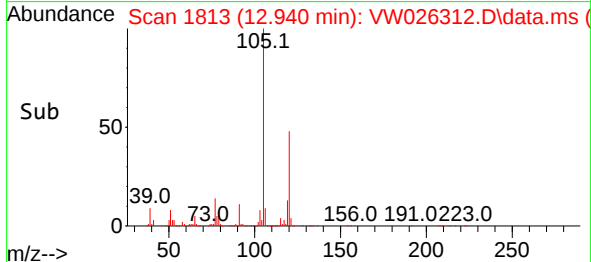
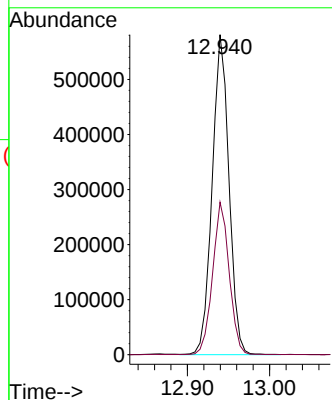
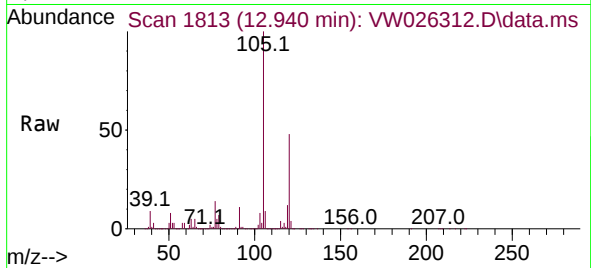




#62
1,3,5-Trimethylbenzene
Concen: 25.575 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

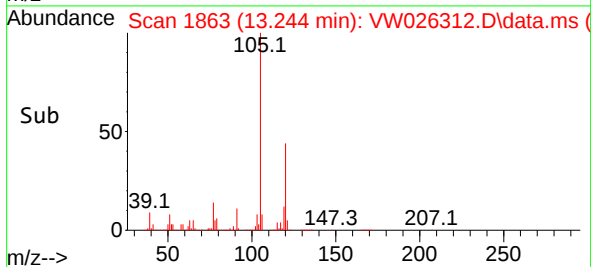
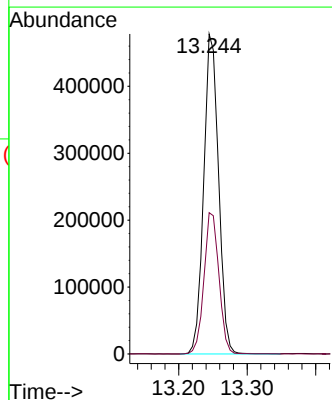
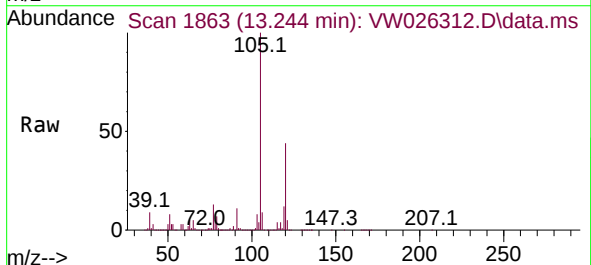
Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

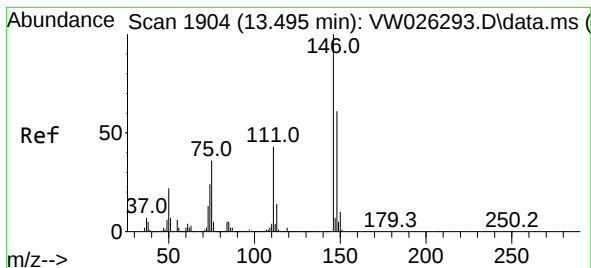
Tgt Ion:105 Resp: 824526
Ion Ratio Lower Upper
105 100
120 47.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.478 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion:105 Resp: 722820
Ion Ratio Lower Upper
105 100
120 44.4 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 24.559 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.001 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

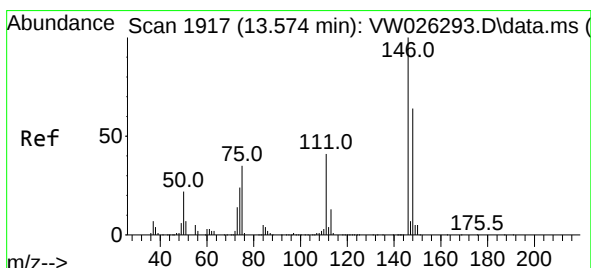
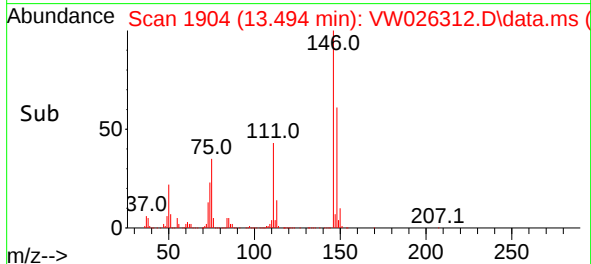
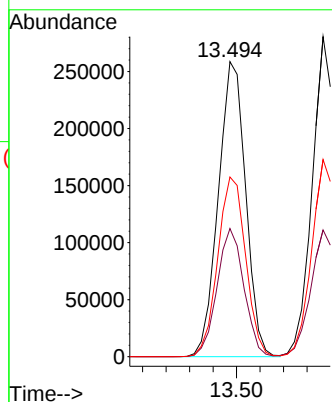
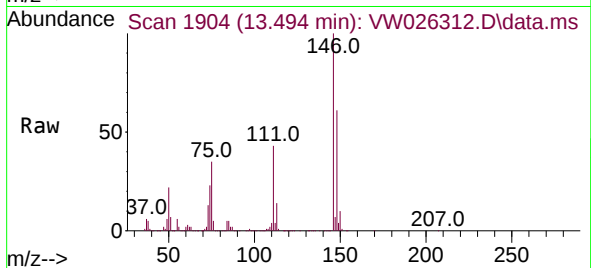
Tgt Ion:146 Resp: 418793

Ion Ratio Lower Upper

146 100

111 43.4 29.7 55.1

148 60.9 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 24.750 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.001 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

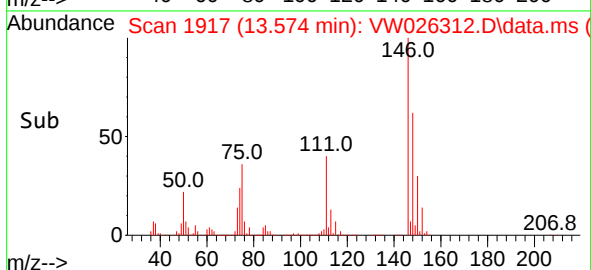
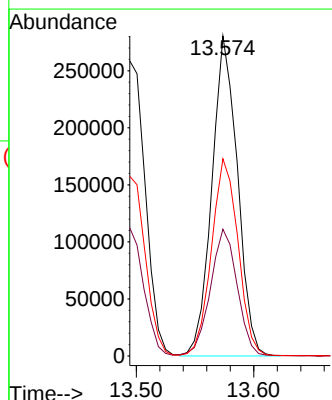
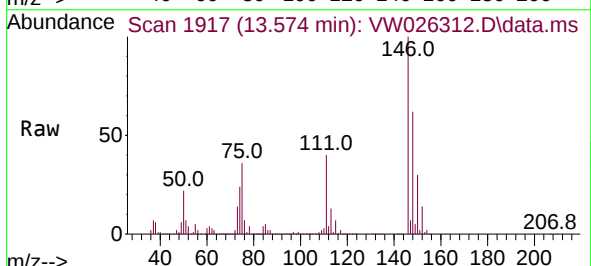
Tgt Ion:146 Resp: 424901

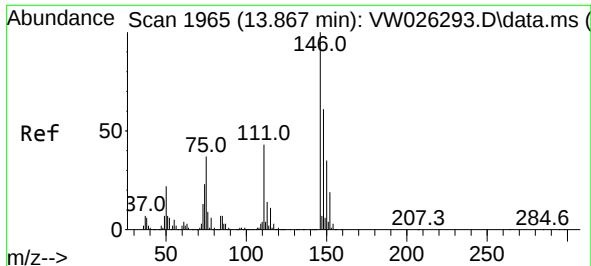
Ion Ratio Lower Upper

146 100

111 39.6 29.2 54.2

148 61.6 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 24.402 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.001 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

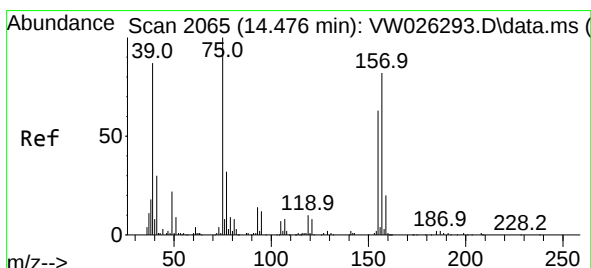
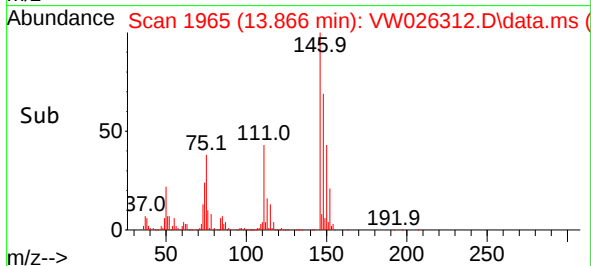
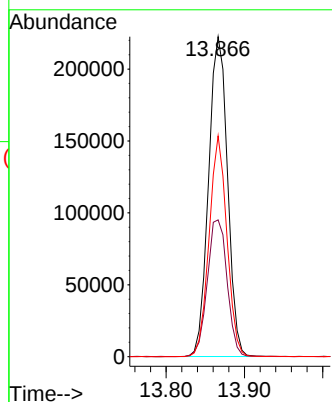
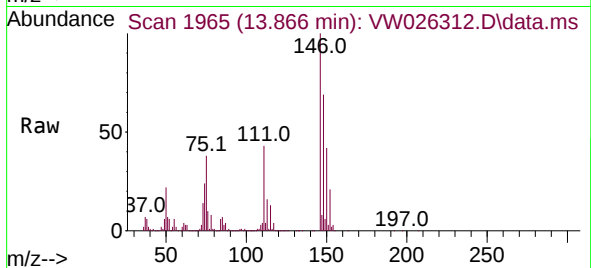
Tgt Ion:146 Resp: 373661

Ion Ratio Lower Upper

146 100

111 42.8 35.4 53.0

148 69.0 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.915 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

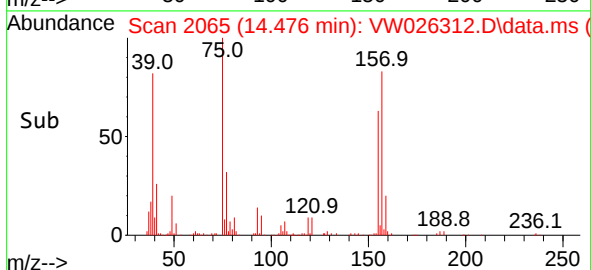
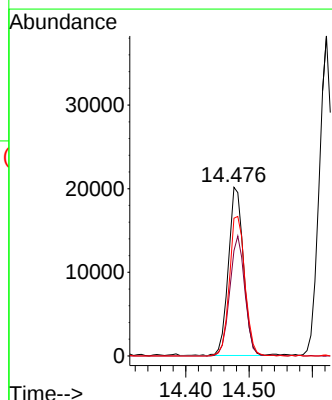
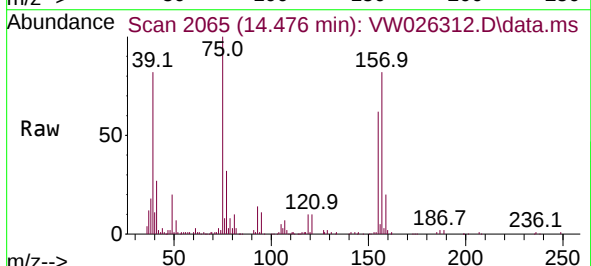
Tgt Ion: 75 Resp: 33381

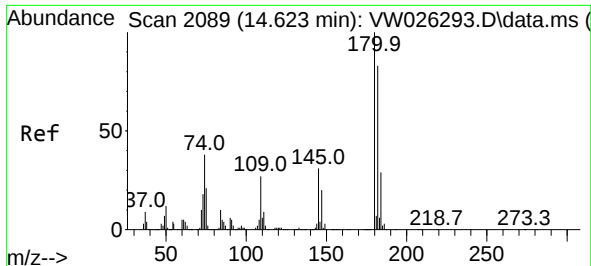
Ion Ratio Lower Upper

75 100

155 62.4 59.0 88.6

157 81.7 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 22.635 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025531

Tgt Ion:180 Resp: 265136

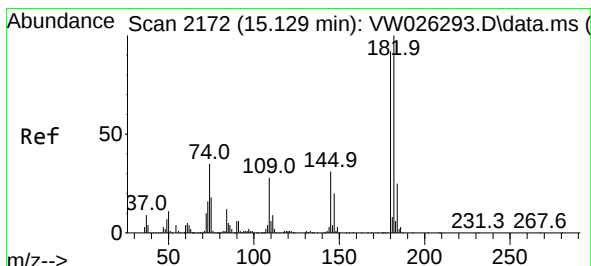
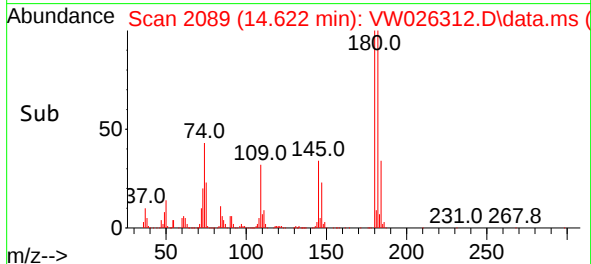
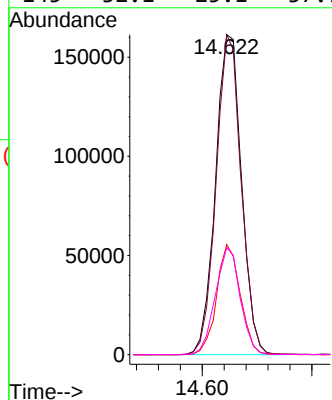
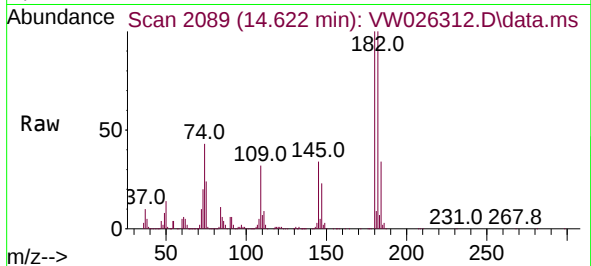
Ion Ratio Lower Upper

180 100

182 96.6 77.0 115.4

184 31.6 23.7 35.5

145 32.1 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 22.569 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026312.D

Acq: 23 Jun 2023 10:10

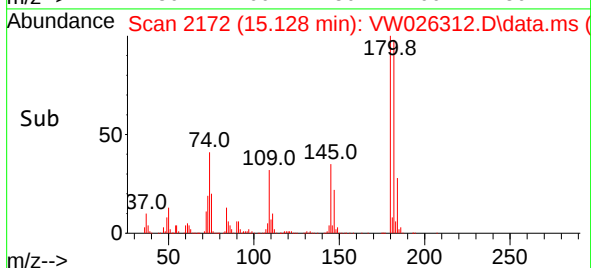
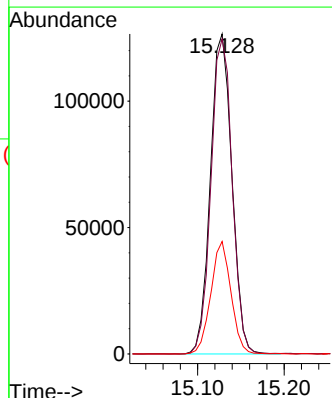
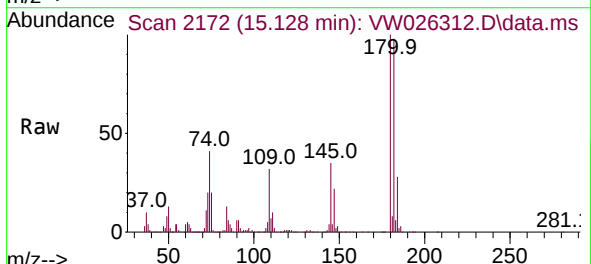
Tgt Ion:180 Resp: 218139

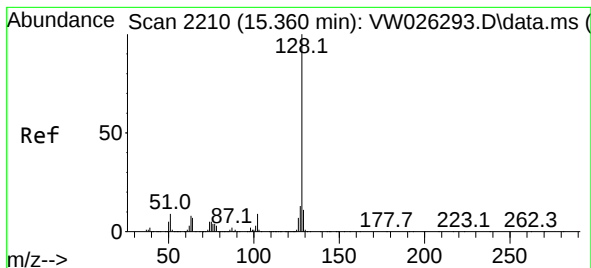
Ion Ratio Lower Upper

180 100

182 97.2 78.9 118.3

145 33.0 27.2 40.8

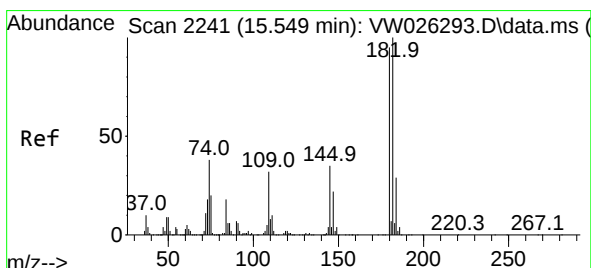
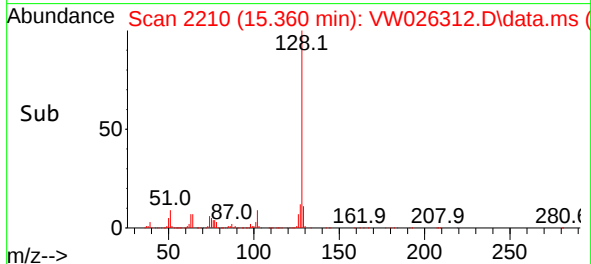
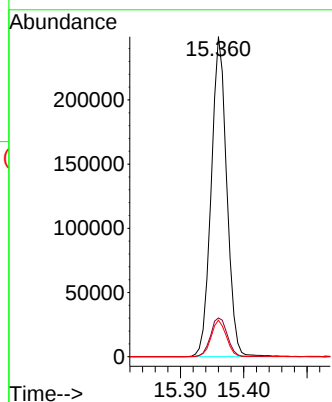
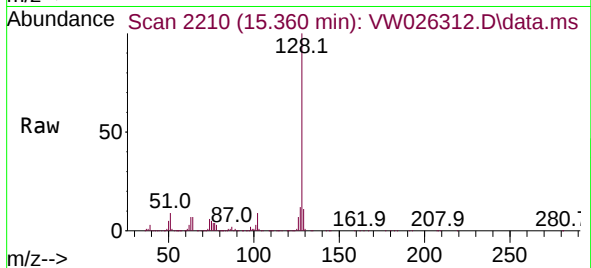




#71
Naphthalene
Concen: 24.745 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.001 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025531

Tgt Ion:128 Resp: 426270
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.2 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 23.920 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026312.D
Acq: 23 Jun 2023 10:10

Tgt Ion:180 Resp: 202058
Ion Ratio Lower Upper
180 100
182 96.2 76.3 114.5
145 35.8 27.0 40.6

