

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072823\
 Data File : VW026664.D
 Acq On : 28 Jul 2023 09:12
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025571

Quant Time: Jul 28 22:05:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 27 03:01:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	607592	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	557296	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286773	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	236233	23.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
7) Chloroethane-d5	2.893	69	180817	25.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
11) 1,1-Dichloroethene-d2	4.021	65	114520	23.794	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.160%
21) 2-Butanone-d5	7.075	46	145922	44.055	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.100%
24) Chloroform-d	7.648	84	512367	29.290	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.160%
26) 1,2-Dichloroethane-d4	8.301	65	282450	28.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.680%
32) Benzene-d6	8.270	84	1044798	27.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.240%
36) 1,2-Dichloropropane-d6	9.270	67	327256	27.820	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.280%
41) Toluene-d8	10.325	98	926601	28.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.960%
43) trans-1,3-Dichloroprop...	10.575	79	126606	26.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.440%
47) 2-Hexanone-d5	10.922	63	100966	43.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	243011	24.395	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.560%
66) 1,2-Dichlorobenzene-d4	13.854	152	266807	25.340	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	134475	19.620	ug/L	98
3) Chloromethane	2.222	50	208797	21.321	ug/L	99
5) Vinyl chloride	2.375	62	212831	20.622	ug/L	96
6) Bromomethane	2.783	94	121870	22.213	ug/L	97
8) Chloroethane	2.930	64	133384	23.113	ug/L	100
9) Trichlorofluoromethane	3.265	101	174862	22.875	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	204298	24.081	ug/L	99
12) 1,1-Dichloroethene	4.045	96	192379	23.635	ug/L	93
13) Acetone	4.118	43	114378	48.006	ug/L	100
14) Carbon disulfide	4.387	76	610499	21.396	ug/L	98
15) Methyl Acetate	4.661	43	117796	20.579	ug/L	99
16) Methylene chloride	4.917	84	236917	22.072	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	212541	24.422	ug/L	98
18) Methyl tert-butyl Ether	5.417	73	318540	23.387	ug/L	99
19) 1,1-Dichloroethane	6.210	63	456899	26.259	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	238699	26.487	ug/L	98
22) 2-Butanone	7.167	43	169908	46.830	ug/L	98
23) Bromochloromethane	7.508	128	101041	26.175	ug/L	91
25) Chloroform	7.673	83	432404	27.123	ug/L	100

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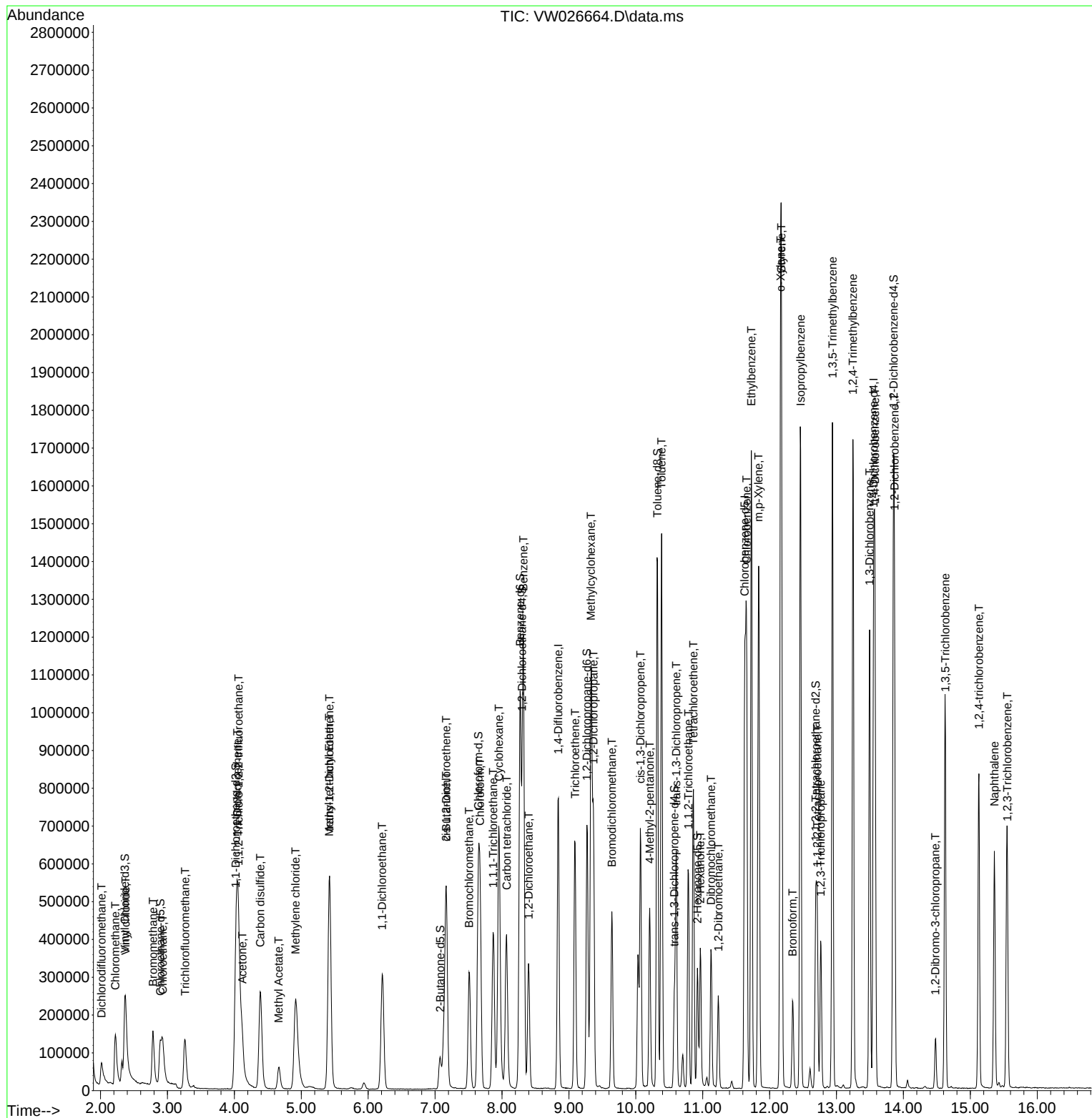
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303235	27.019	ug/L	100
29) Cyclohexane	7.953	56	401974	23.166	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	339209	24.834	ug/L	99
31) Carbon tetrachloride	8.069	117	312569	25.209	ug/L	99
33) Benzene	8.319	78	972446	25.324	ug/L	100
34) Trichloroethene	9.093	95	238046	24.134	ug/L	98
35) Methylcyclohexane	9.331	83	425828	24.043	ug/L	99
37) 1,2-Dichloropropane	9.367	63	267447	26.227	ug/L	99
38) Bromodichloromethane	9.642	83	311037	26.847	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	394791	26.891	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	332667	43.222	ug/L	99
42) Toluene	10.386	91	1005139	25.920	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	332041	26.817	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	179687	25.247	ug/L	97
46) Tetrachloroethene	10.861	164	169539	24.212	ug/L	99
48) 2-Hexanone	10.965	43	244181	45.459	ug/L	99
49) Dibromochloromethane	11.123	129	186063	26.402	ug/L	96
50) 1,2-Dibromoethane	11.233	107	162440	24.213	ug/L	96
51) Chlorobenzene	11.654	112	602935	25.359	ug/L	97
52) Ethylbenzene	11.727	91	1116475	25.861	ug/L	98
53) m,p-Xylene	11.837	106	414464	26.388	ug/L	98
54) o-Xylene	12.166	106	388832	26.375	ug/L	96
55) Styrene	12.178	104	703324	28.285	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	221129	23.675	ug/L	95
59) Bromoform	12.343	173	103341	22.784	ug/L	97
60) Isopropylbenzene	12.464	105	1081696	24.379	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	163922	21.163	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	890824	26.176	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	874187	25.909	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	461657	24.796	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	455946	24.555	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	413539	25.097	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	37014	20.077	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	289019	23.458	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	245823	24.313	ug/L	99
71) Naphthalene	15.360	128	492229	21.498	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	215073	22.596	ug/L	95

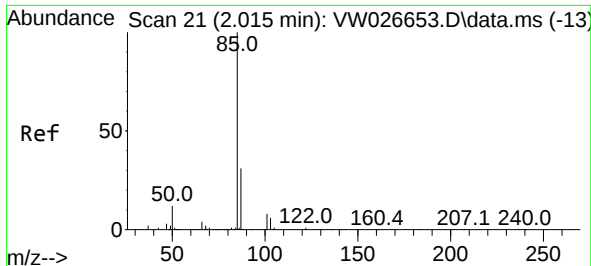
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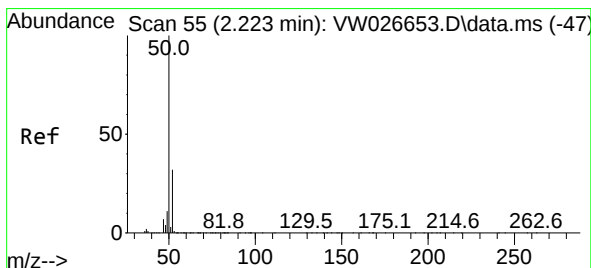
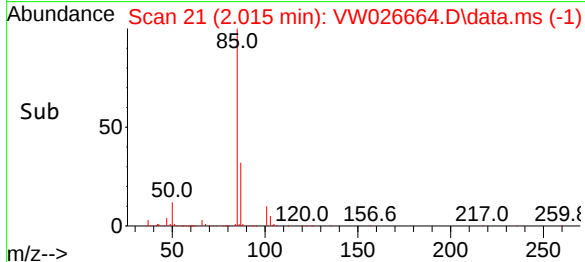
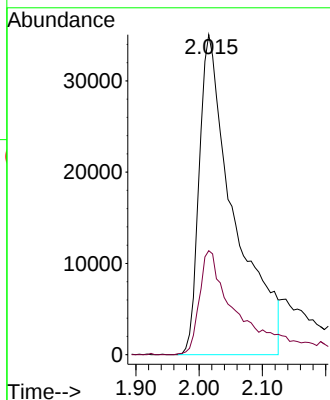
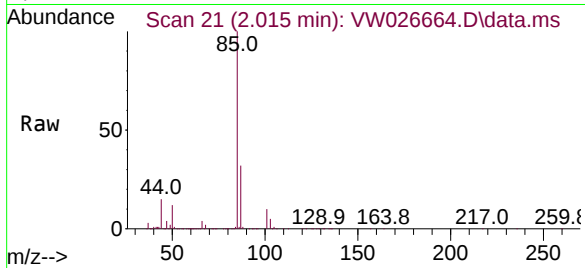




#2
 Dichlorodifluoromethane
 Concen: 19.620 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026664.D
 Acq: 28 Jul 2023 09:12

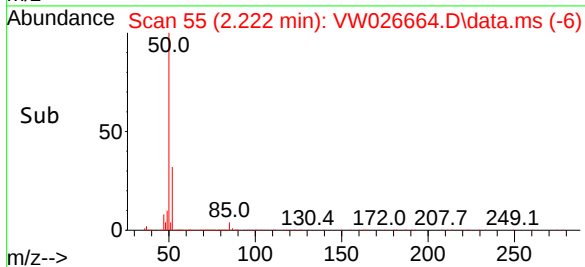
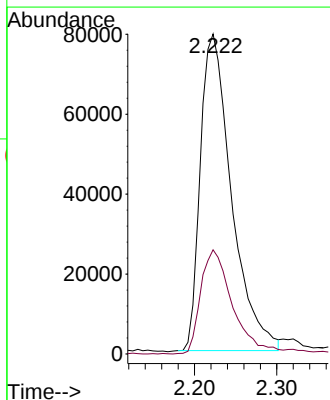
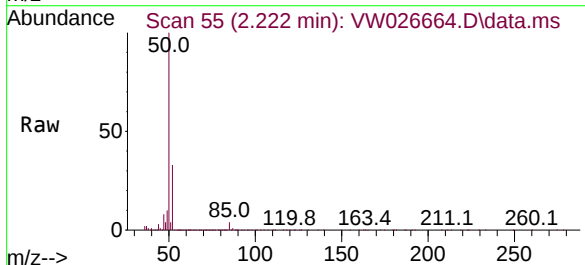
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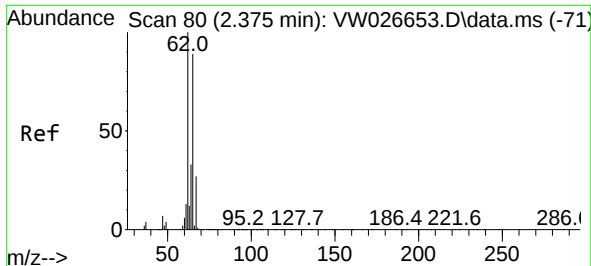
Tgt Ion: 85 Resp: 134475
 Ion Ratio Lower Upper
 85 100
 87 25.8 21.4 32.0



#3
 Chloromethane
 Concen: 21.321 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW026664.D
 Acq: 28 Jul 2023 09:12

Tgt Ion: 50 Resp: 208797
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.7

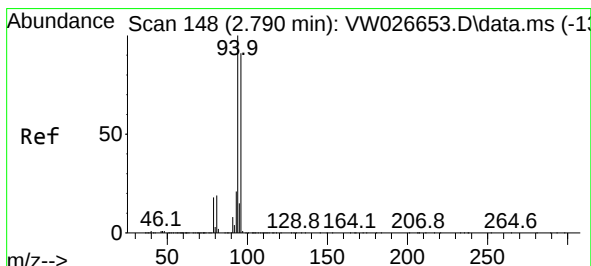
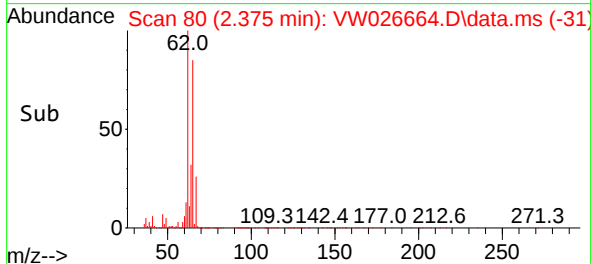
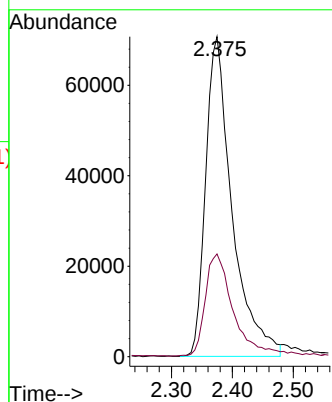
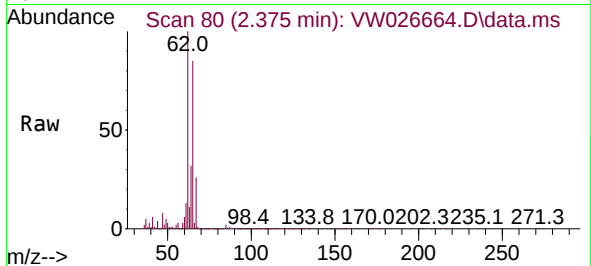




#5
 Vinyl chloride
 Concen: 20.622 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026664.D
 Acq: 28 Jul 2023 09:12

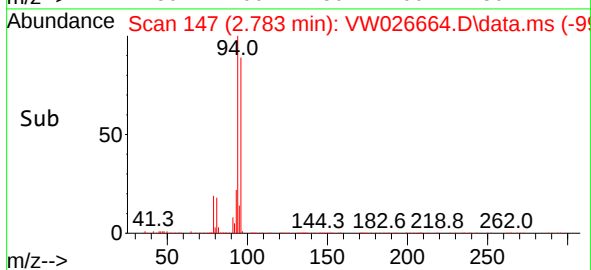
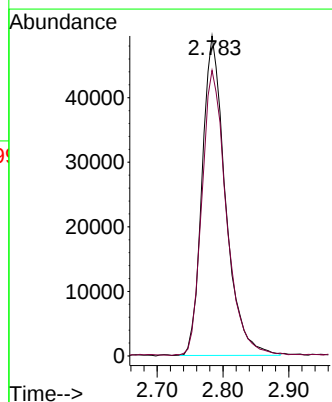
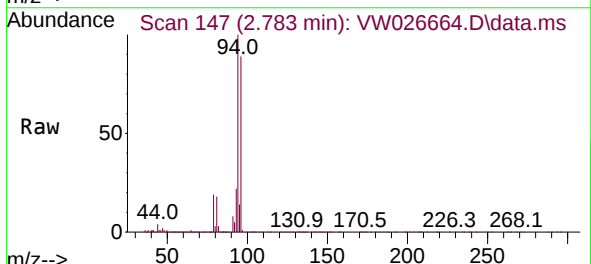
Instrument :
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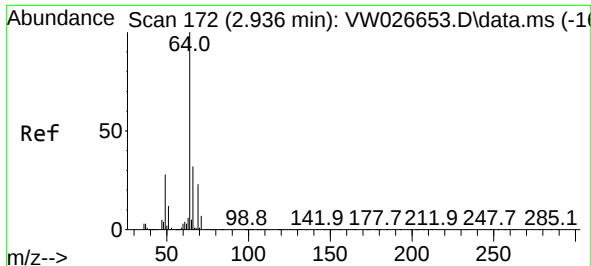
Tgt Ion: 62 Resp: 212831
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.2 45.0



#6
 Bromomethane
 Concen: 22.213 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026664.D
 Acq: 28 Jul 2023 09:12

Tgt Ion: 94 Resp: 121870
 Ion Ratio Lower Upper
 94 100
 96 89.2 64.5 119.9

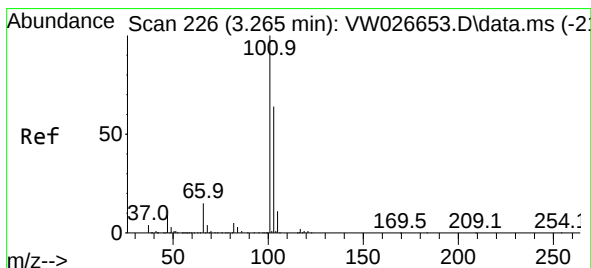
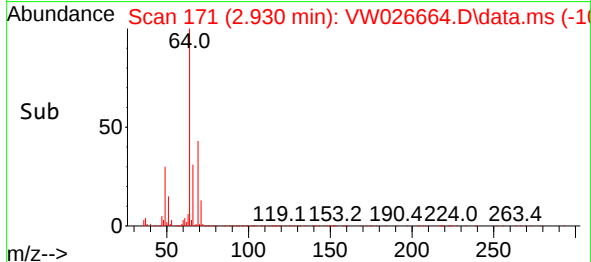
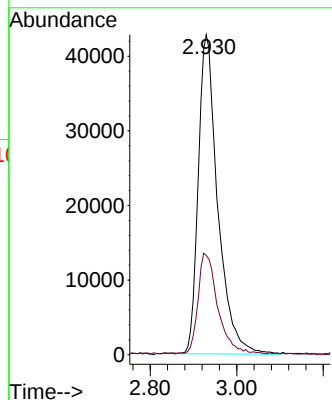
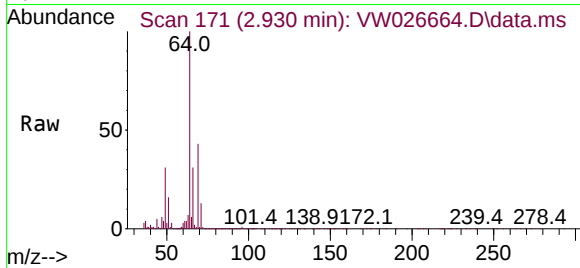




#8
Chloroethane
Concen: 23.113 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

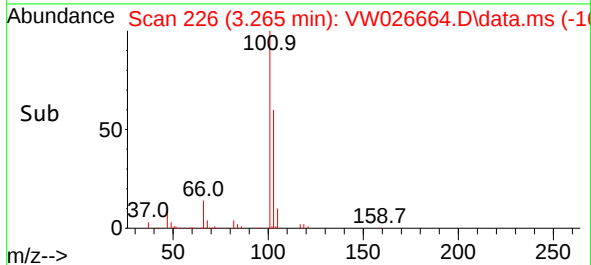
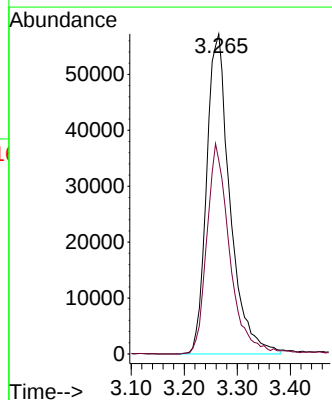
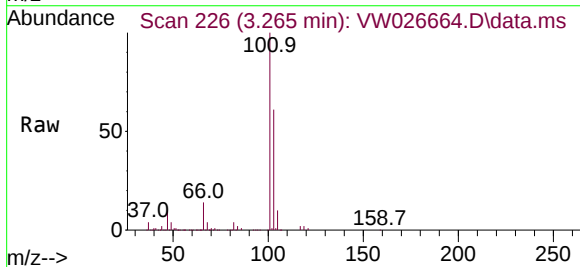
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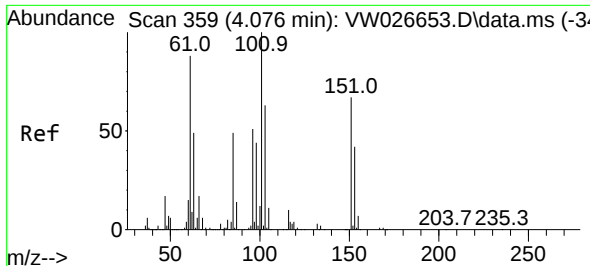
Tgt Ion: 64 Resp: 133384
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.875 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 101 Resp: 174862
Ion Ratio Lower Upper
101 100
103 63.7 50.3 75.5

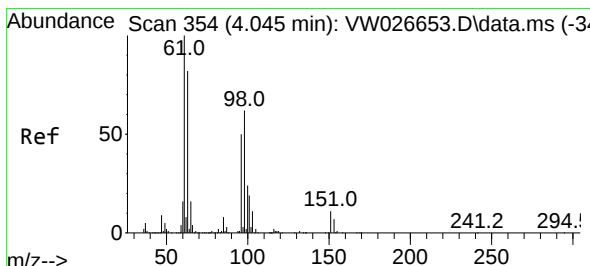
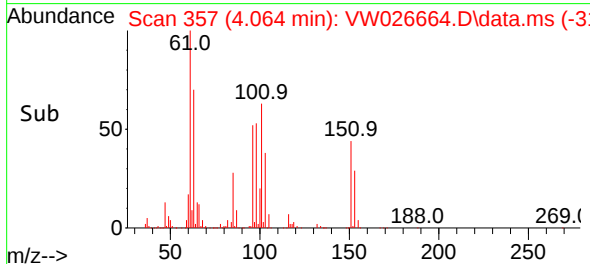
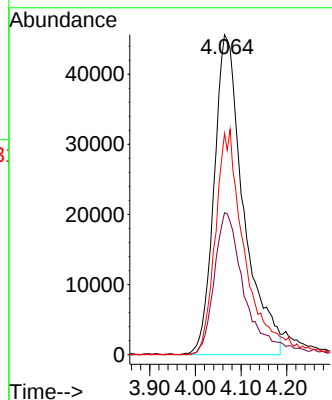
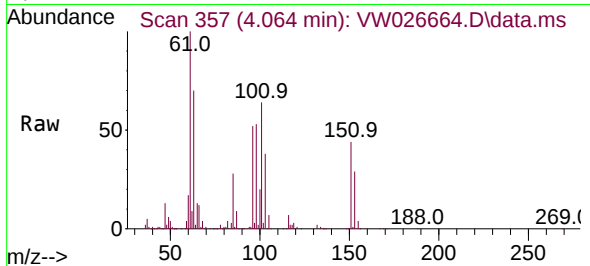




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.081 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW026664.D
 Acq: 28 Jul 2023 09:12

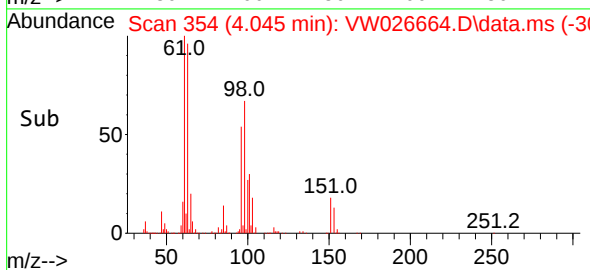
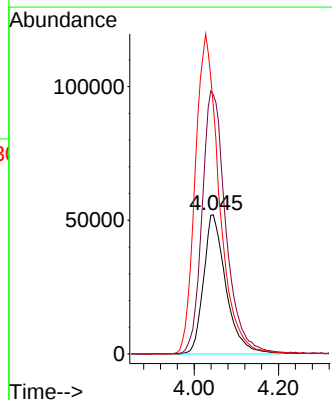
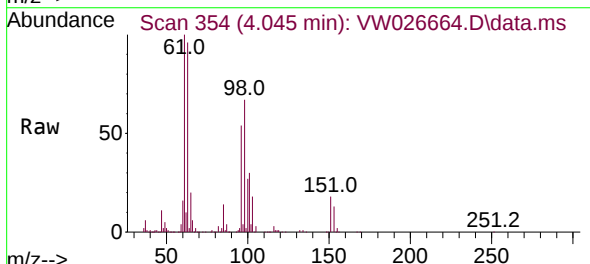
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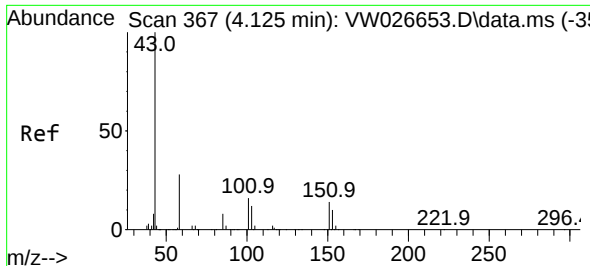
Tgt Ion:101 Resp: 204298
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.1 54.1
 151 68.7 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 23.635 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026664.D
 Acq: 28 Jul 2023 09:12

Tgt Ion: 96 Resp: 192379
 Ion Ratio Lower Upper
 96 100
 61 186.3 140.8 261.4
 63 178.3 127.7 237.3

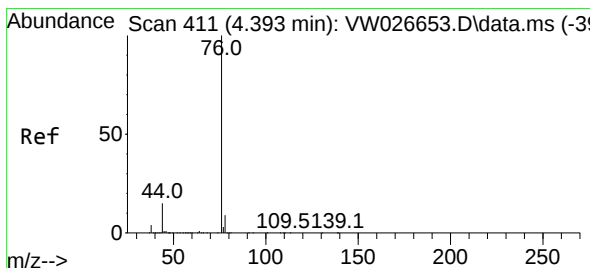
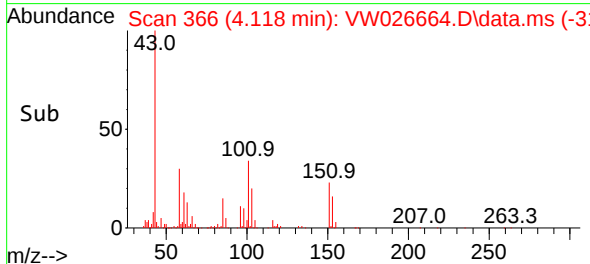
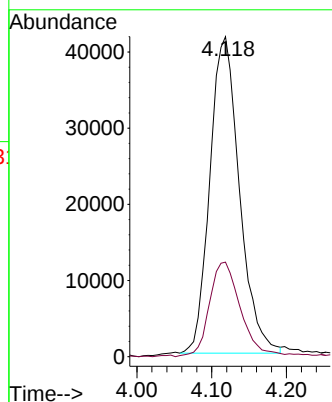
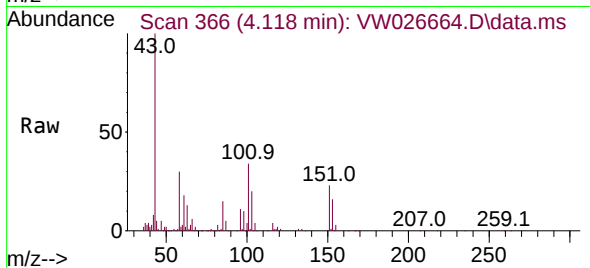




#13
Acetone
Concen: 48.006 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW026664.D
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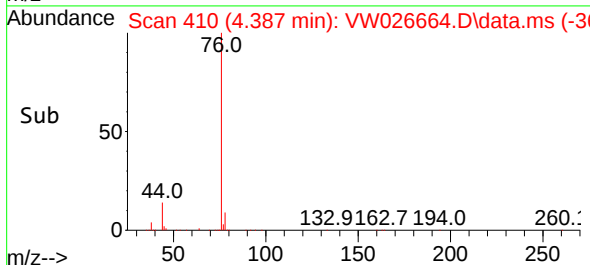
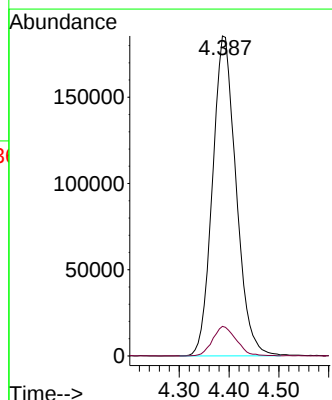
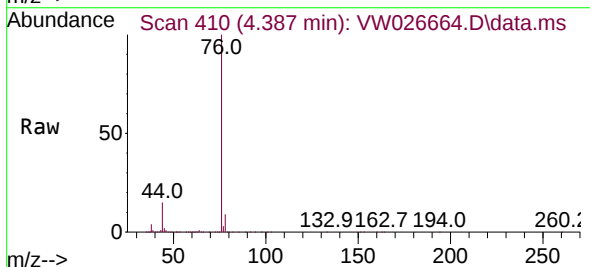
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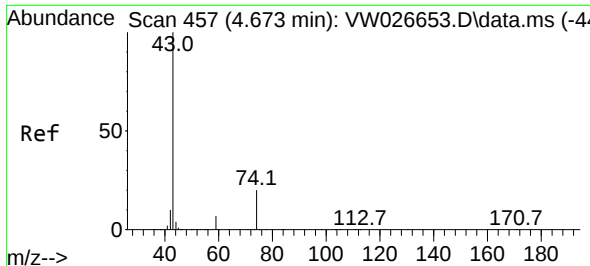
Tgt Ion: 43 Resp: 114378
Ion Ratio Lower Upper
43 100
58 31.3 0.0 63.2



#14
Carbon disulfide
Concen: 21.396 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 76 Resp: 610499
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

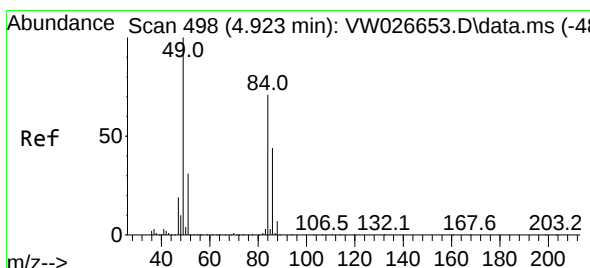
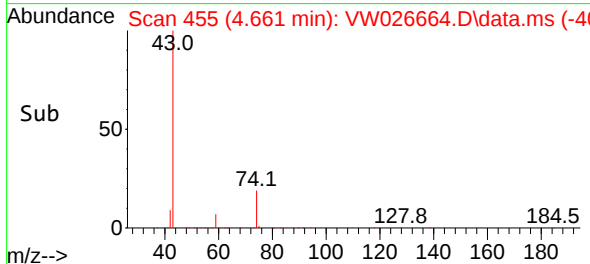
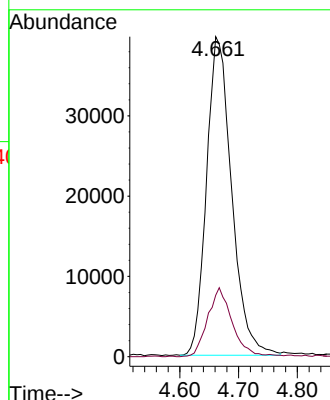
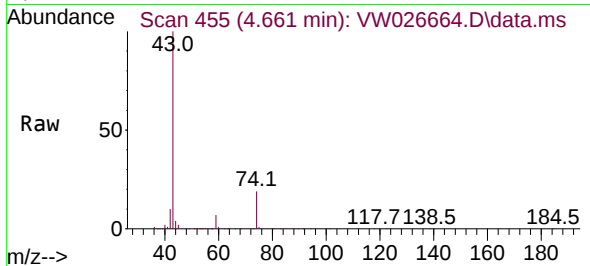




#15
Methyl Acetate
Concen: 20.579 ug/L
RT: 4.661 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

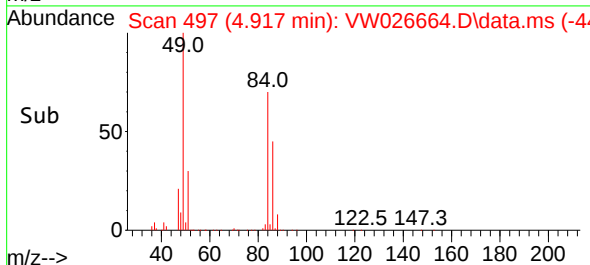
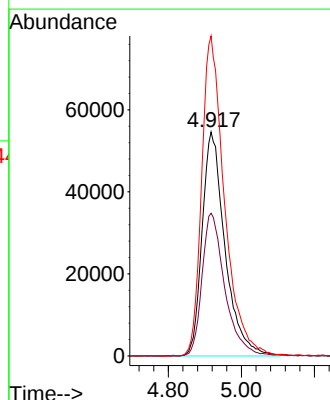
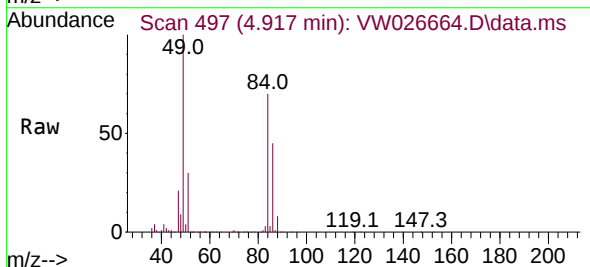
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

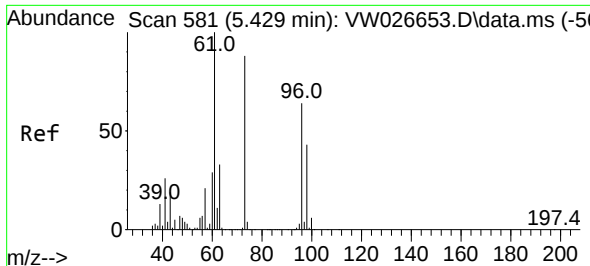
Tgt Ion: 43 Resp: 117796
Ion Ratio Lower Upper
43 100
74 21.0 16.3 24.5



#16
Methylene chloride
Concen: 22.072 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 84 Resp: 236917
Ion Ratio Lower Upper
84 100
86 63.7 43.8 81.3
49 142.8 99.2 184.2





#17

trans-1,2-Dichloroethene

Concen: 24.422 ug/L

RT: 5.423 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

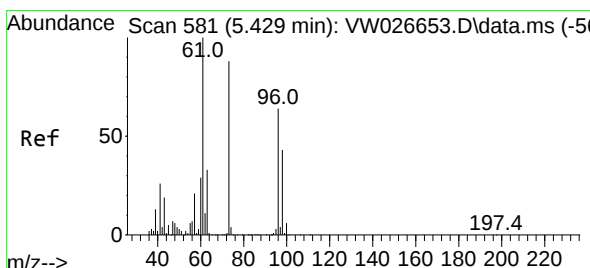
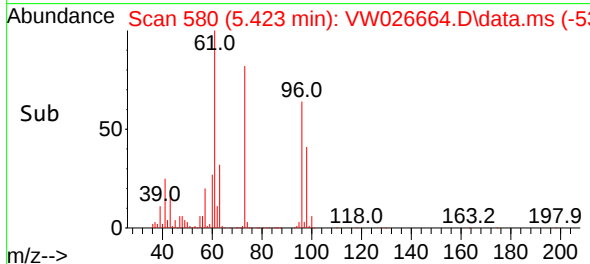
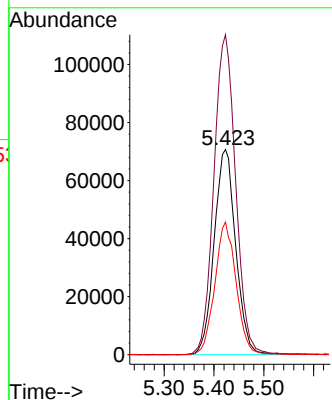
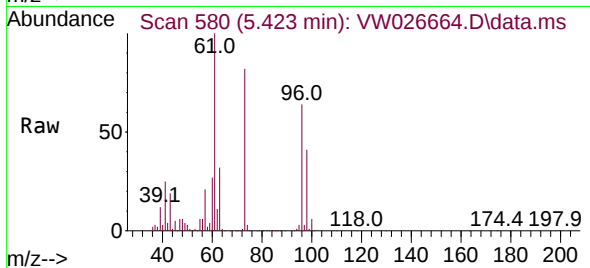
Tgt Ion: 96 Resp: 212541

Ion Ratio Lower Upper

96 100

61 156.0 108.1 200.9

98 64.6 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 23.387 ug/L

RT: 5.417 min Scan# 579

Delta R.T. -0.012 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

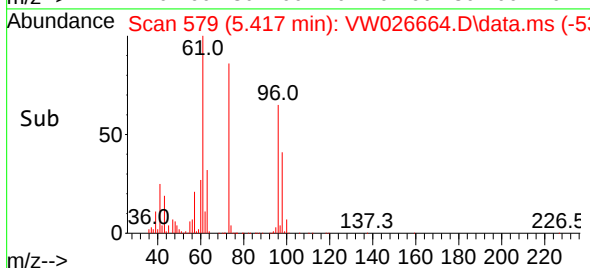
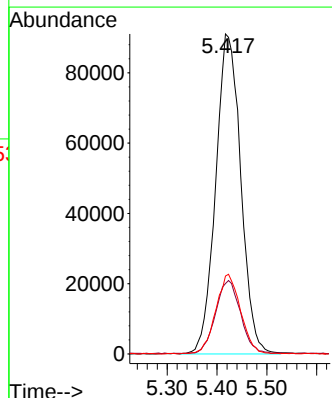
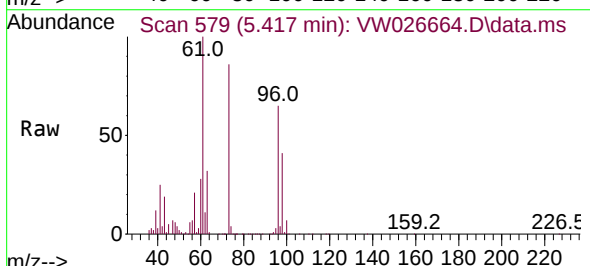
Tgt Ion: 73 Resp: 318540

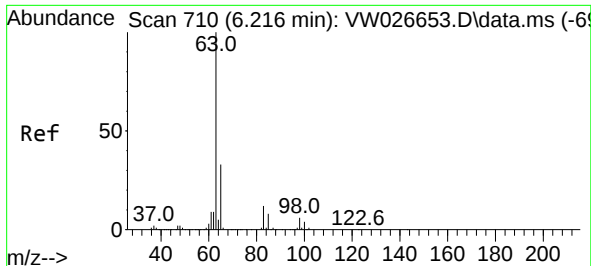
Ion Ratio Lower Upper

73 100

43 22.7 17.4 26.2

57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.259 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

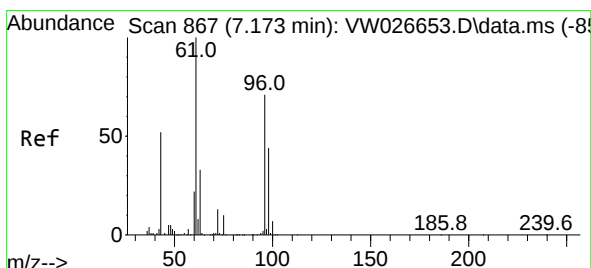
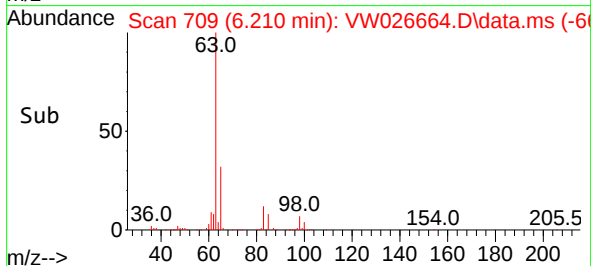
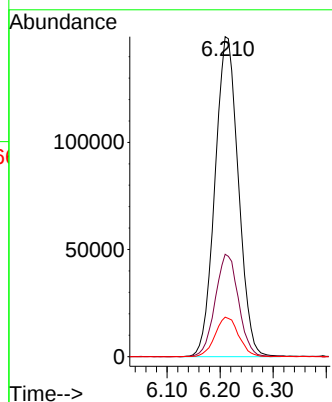
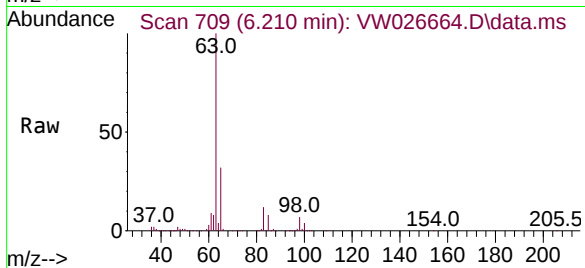
Tgt Ion: 63 Resp: 456899

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 12.4 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 26.487 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

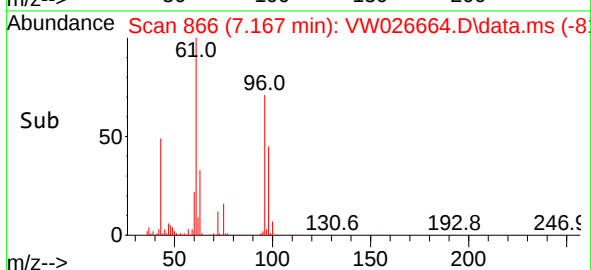
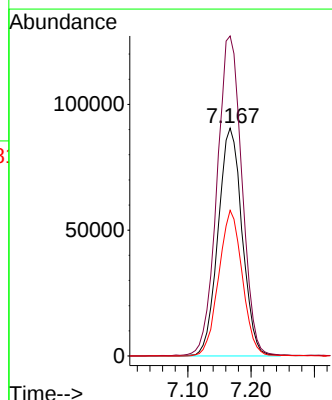
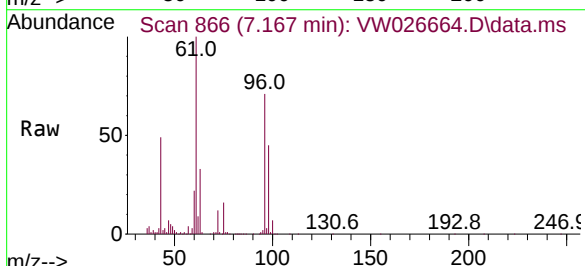
Tgt Ion: 96 Resp: 238699

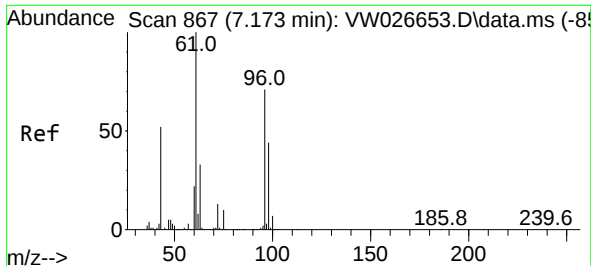
Ion Ratio Lower Upper

96 100

61 140.5 98.8 183.6

98 63.9 42.4 78.6

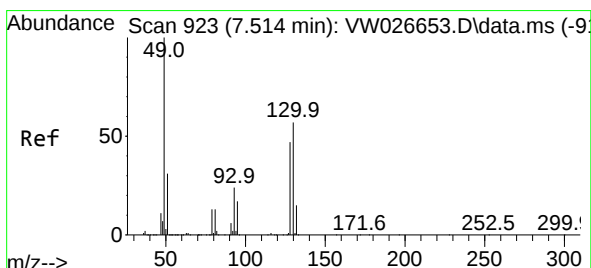
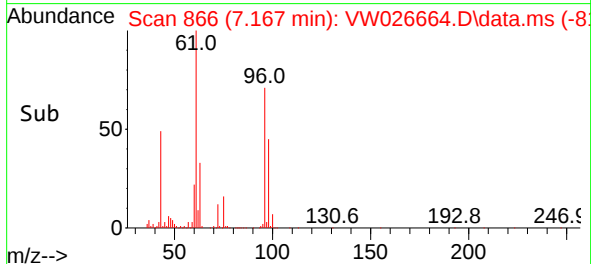
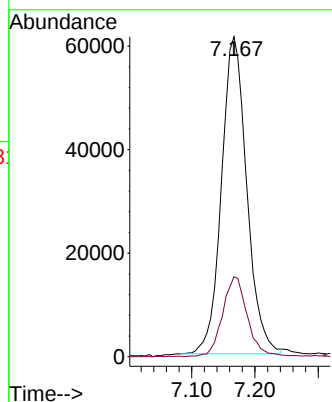
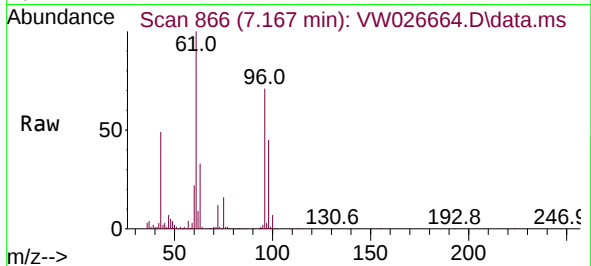




#22
2-Butanone
Concen: 46.830 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

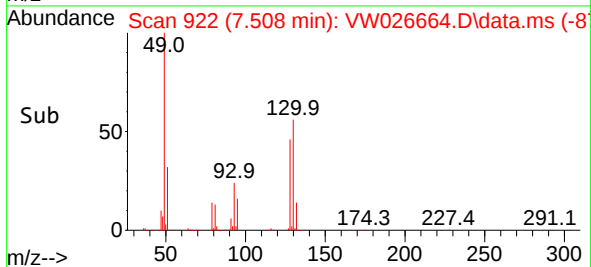
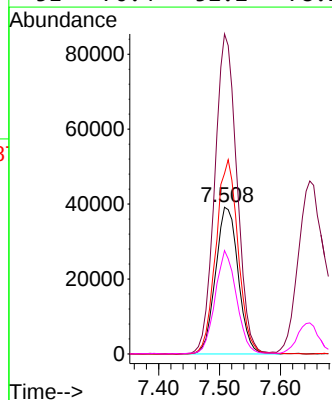
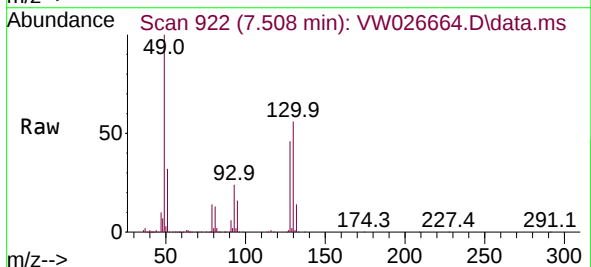
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

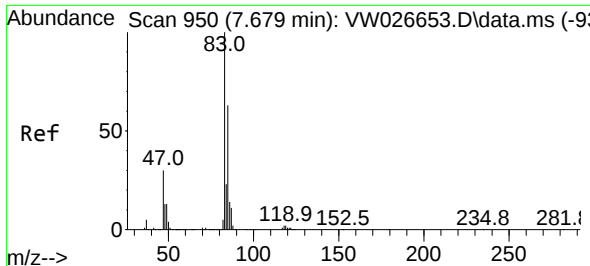
Tgt Ion: 43 Resp: 169908
Ion Ratio Lower Upper
43 100
72 24.7 11.9 35.5



#23
Bromochloromethane
Concen: 26.175 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 128 Resp: 101041
Ion Ratio Lower Upper
128 100
49 218.1 142.1 263.9
130 123.0 92.9 172.5
51 70.4 52.2 78.2

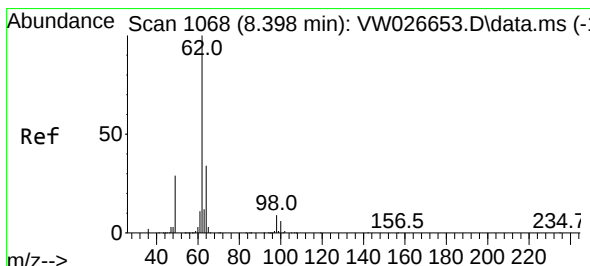
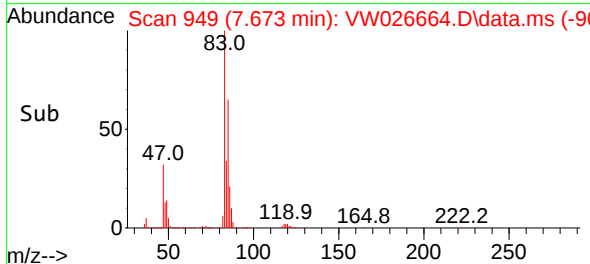
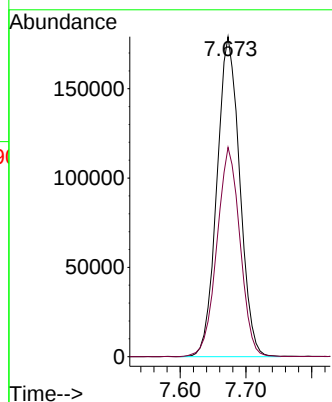
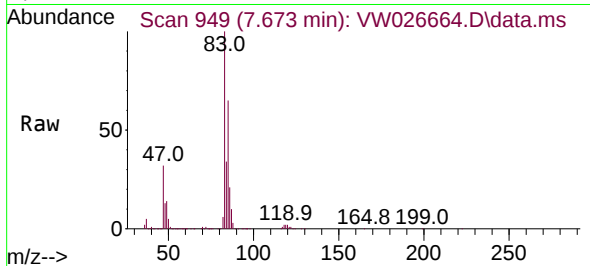




#25
Chloroform
Concen: 27.123 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

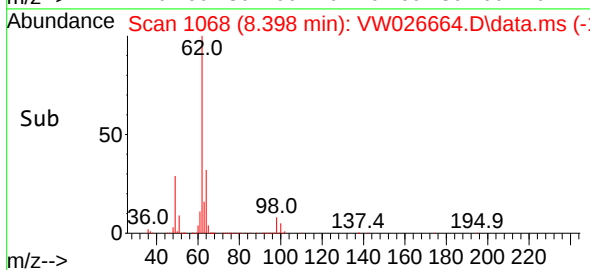
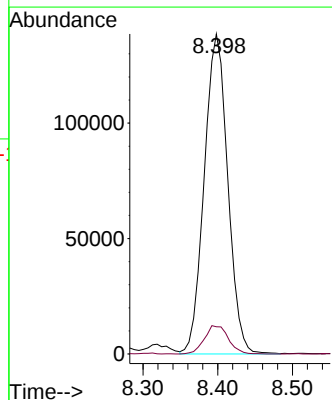
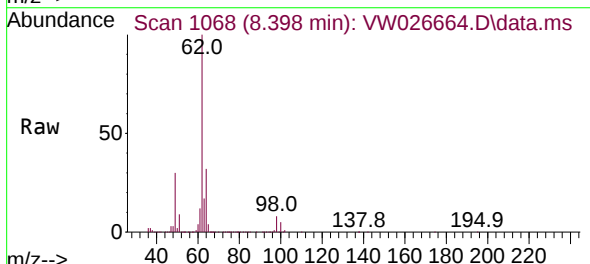
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

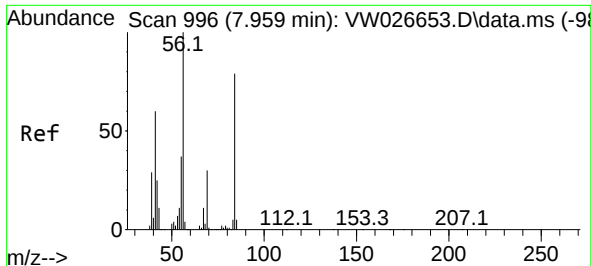
Tgt Ion: 83 Resp: 432404
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 27.019 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 62 Resp: 303235
Ion Ratio Lower Upper
62 100
98 8.5 6.7 10.1





#29

Cyclohexane

Concen: 23.166 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

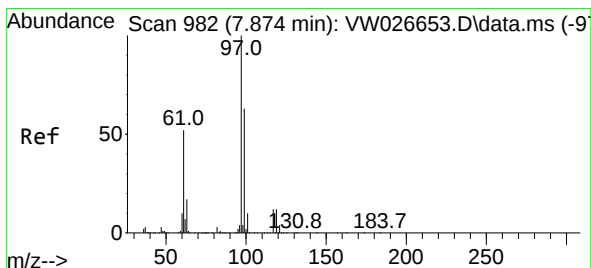
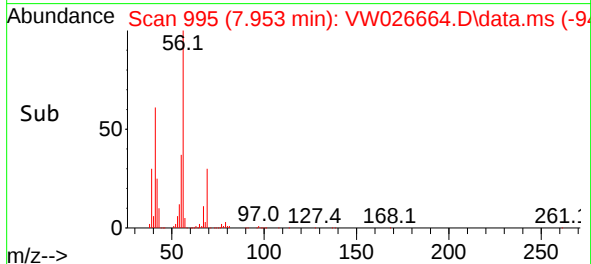
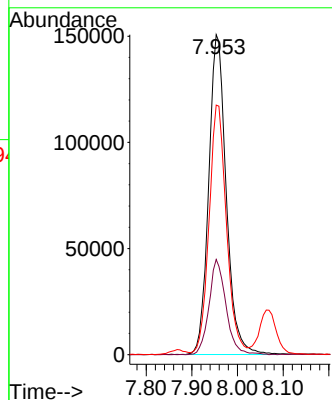
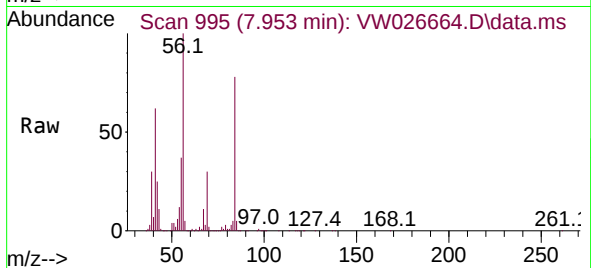
Tgt Ion: 56 Resp: 401974

Ion Ratio Lower Upper

56 100

69 28.6 23.4 35.0

84 77.3 62.6 94.0



#30

1,1,1-Trichloroethane

Concen: 24.834 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

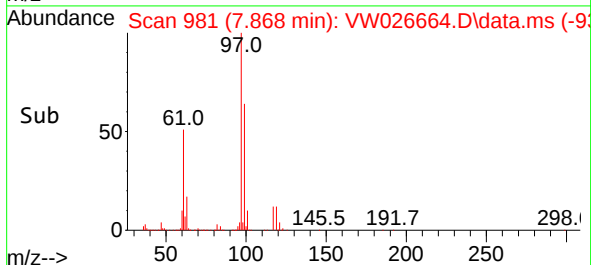
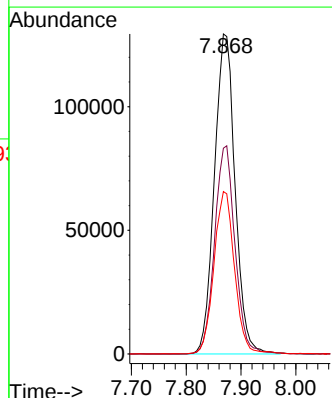
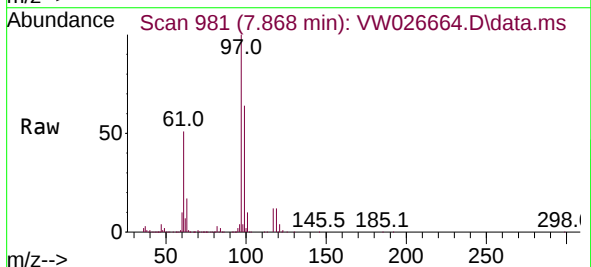
Tgt Ion: 97 Resp: 339209

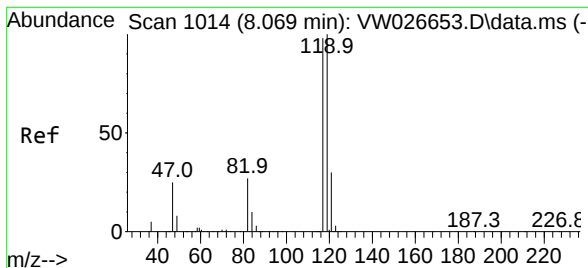
Ion Ratio Lower Upper

97 100

99 64.2 49.9 74.9

61 50.1 39.8 59.8

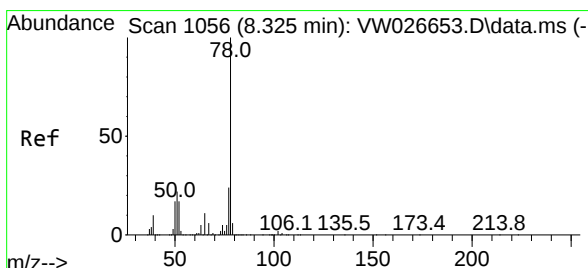
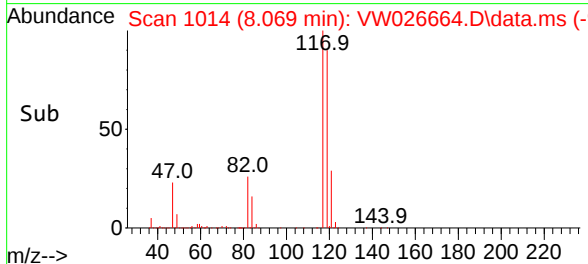
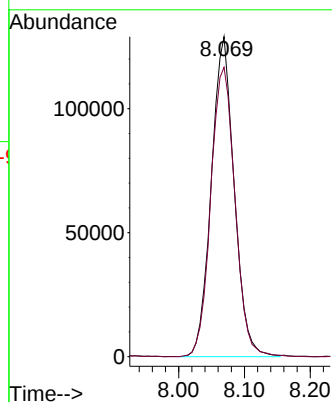
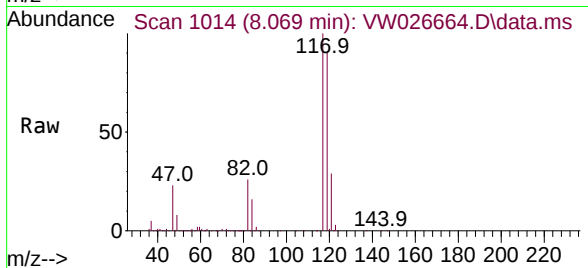




#31
Carbon tetrachloride
Concen: 25.209 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

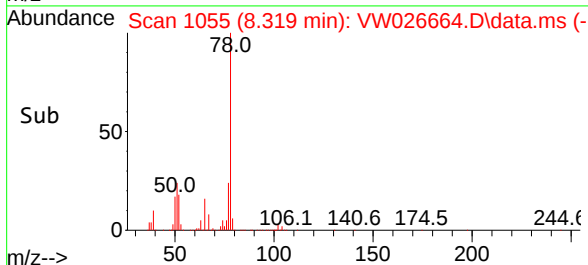
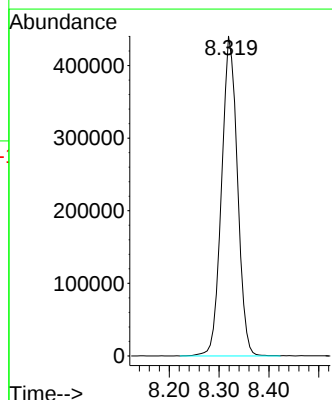
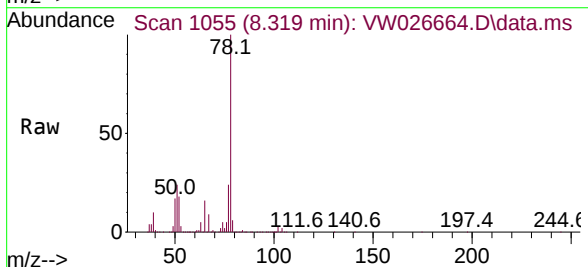
Instrument : MSVOA_W
ClientSampleId : VSTD025571

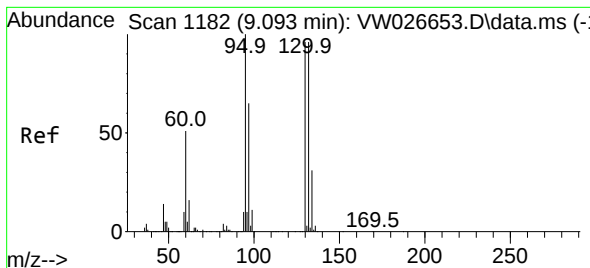
Tgt Ion:117 Resp: 312569
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7



#33
Benzene
Concen: 25.324 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 78 Resp: 972446





#34

Trichloroethene

Concen: 24.134 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

Tgt Ion: 95 Resp: 238046

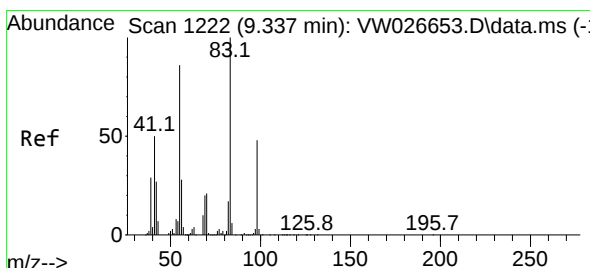
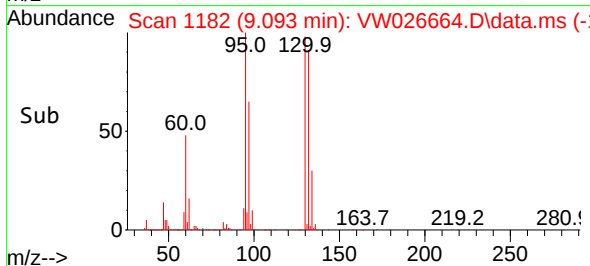
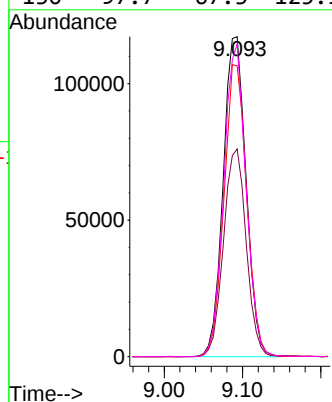
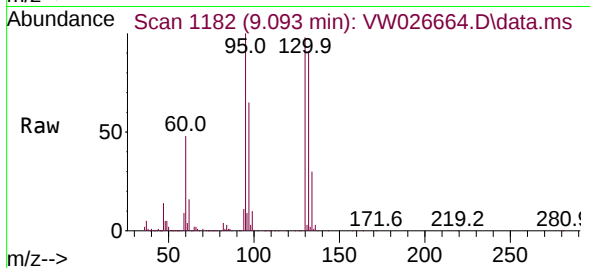
Ion Ratio Lower Upper

95 100

97 64.9 47.9 88.9

132 90.9 65.0 120.8

130 97.7 67.3 125.1



#35

Methylcyclohexane

Concen: 24.043 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

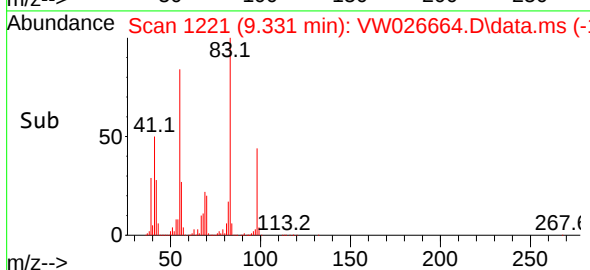
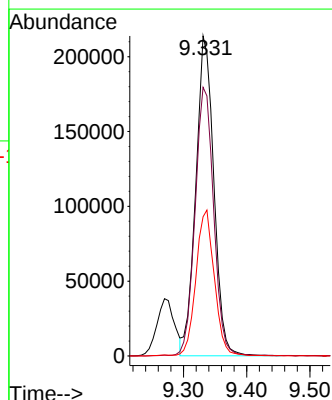
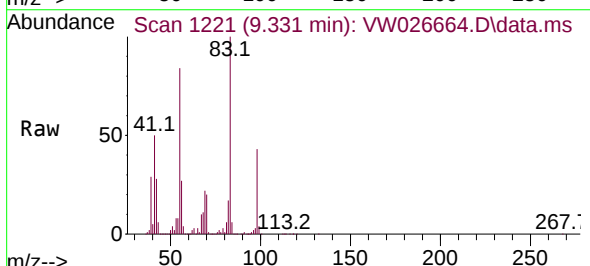
Tgt Ion: 83 Resp: 425828

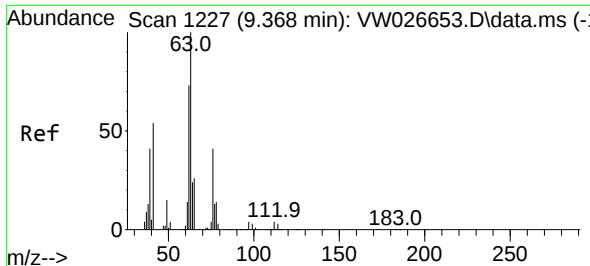
Ion Ratio Lower Upper

83 100

55 86.6 68.7 103.1

98 46.5 37.3 55.9





#37

1,2-Dichloropropane

Concen: 26.227 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

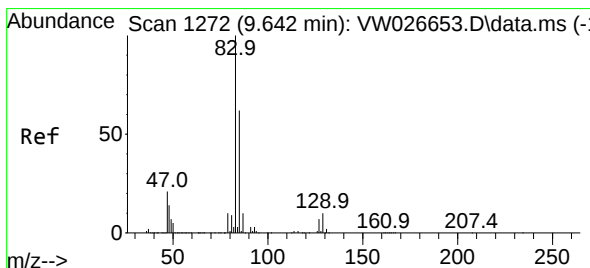
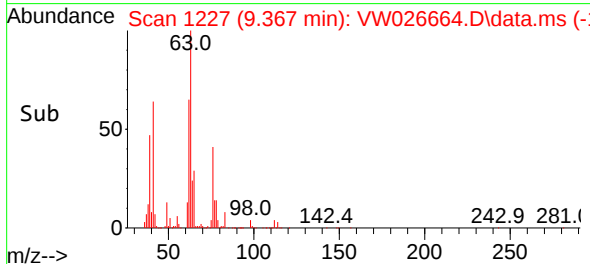
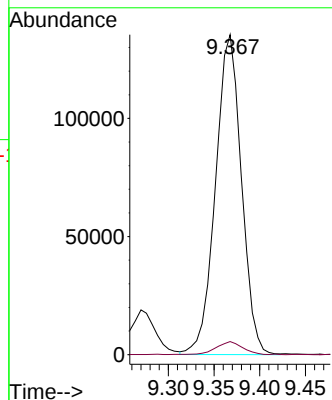
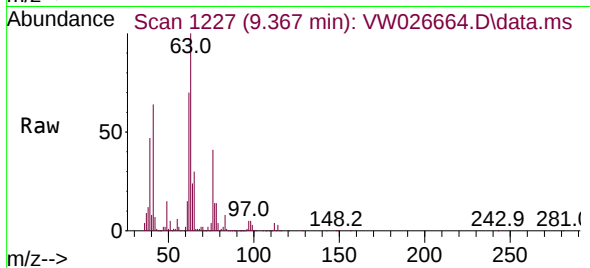
VSTD025571

Tgt Ion: 63 Resp: 267447

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 26.847 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

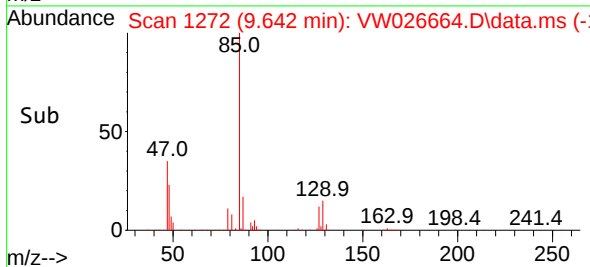
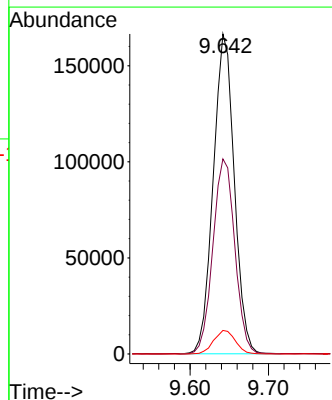
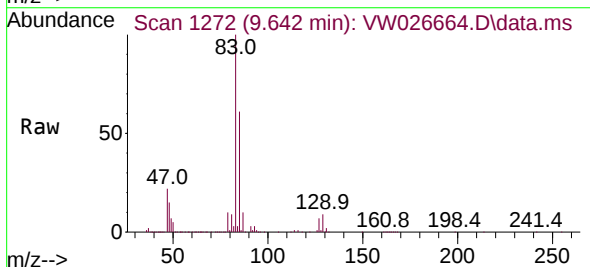
Tgt Ion: 83 Resp: 311037

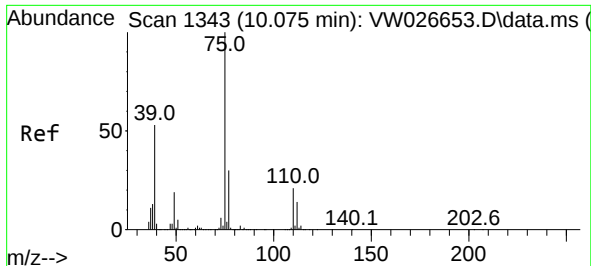
Ion Ratio Lower Upper

83 100

85 61.0 43.3 80.3

127 7.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 26.891 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

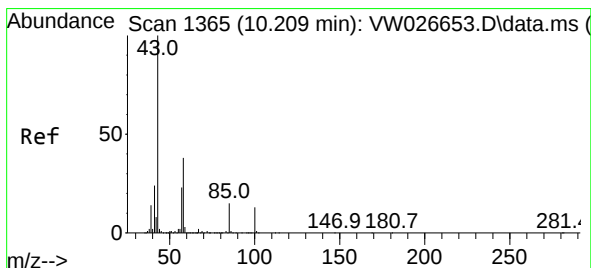
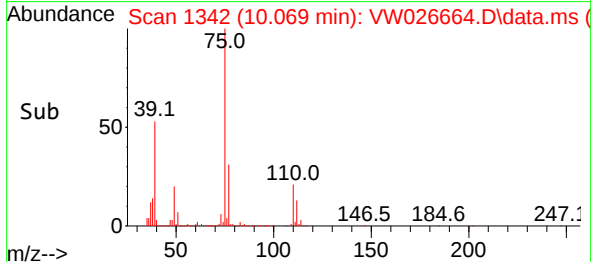
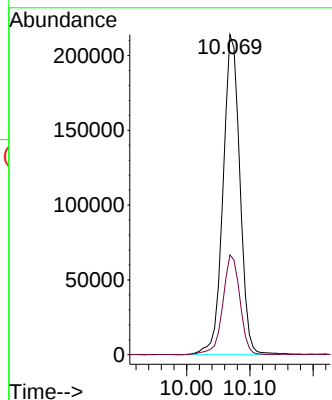
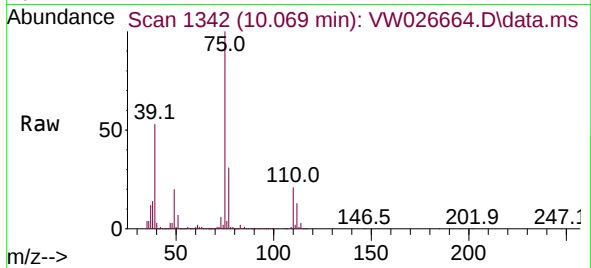
VSTD025571

Tgt Ion: 75 Resp: 394791

Ion Ratio Lower Upper

75 100

77 31.2 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 43.222 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

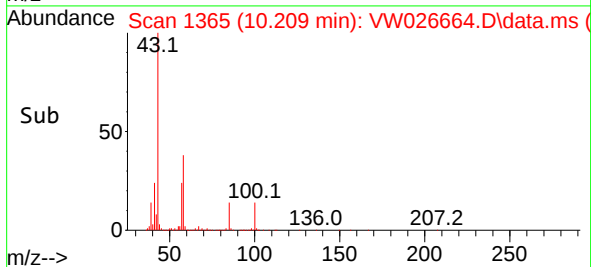
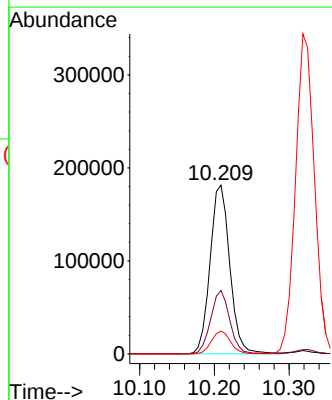
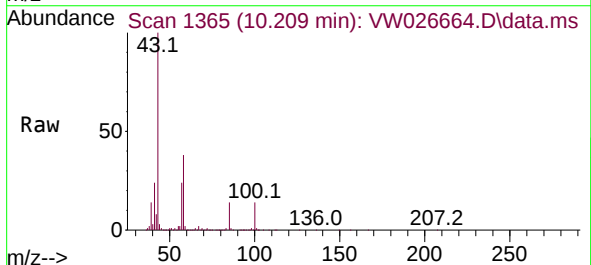
Tgt Ion: 43 Resp: 332667

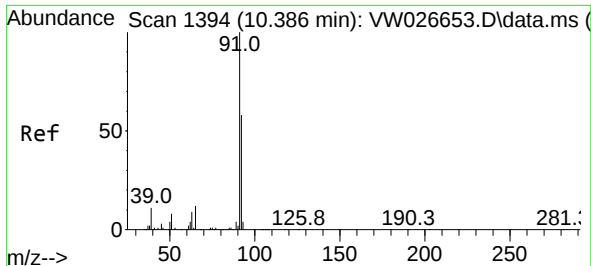
Ion Ratio Lower Upper

43 100

58 36.4 29.8 44.8

100 13.1 10.7 16.1

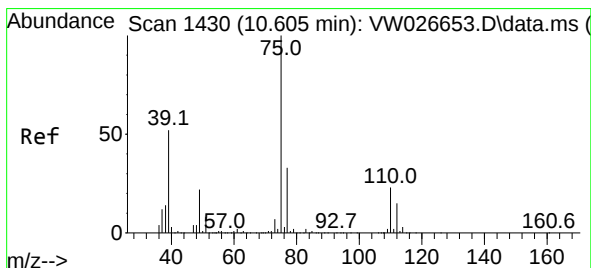
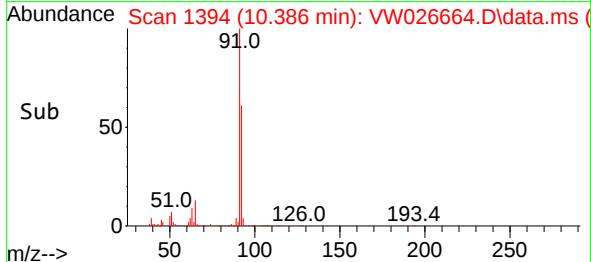
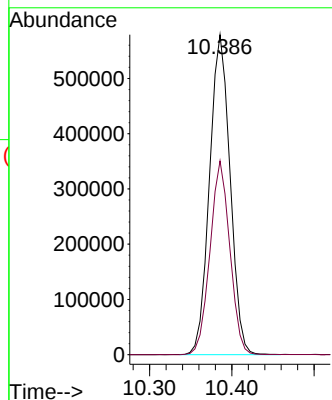
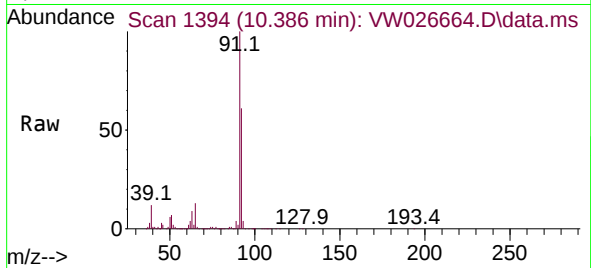




#42
Toluene
Concen: 25.920 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

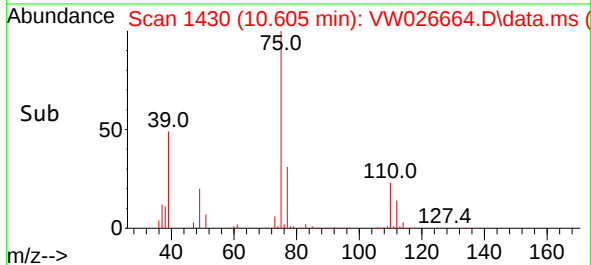
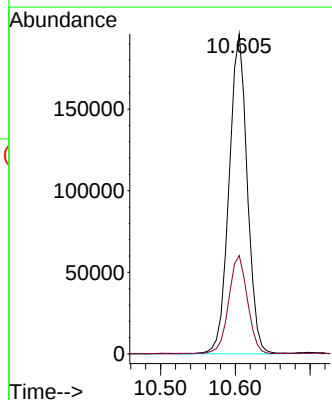
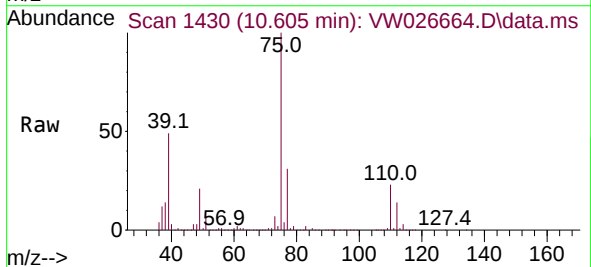
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

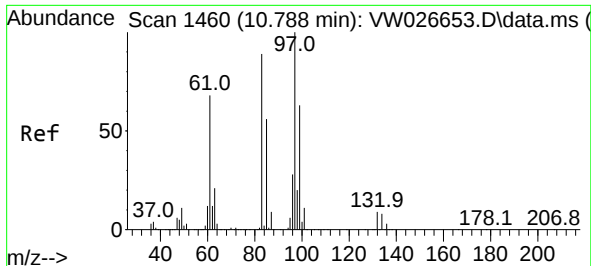
Tgt Ion: 91 Resp: 1005139
Ion Ratio Lower Upper
91 100
92 60.6 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.817 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion: 75 Resp: 332041
Ion Ratio Lower Upper
75 100
77 30.8 23.0 42.6

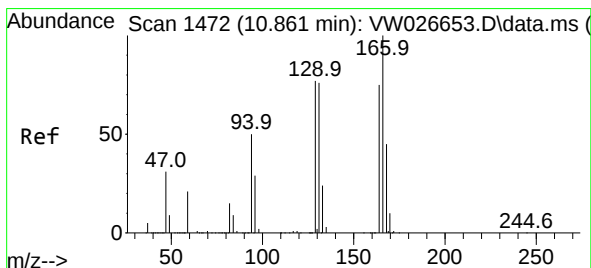
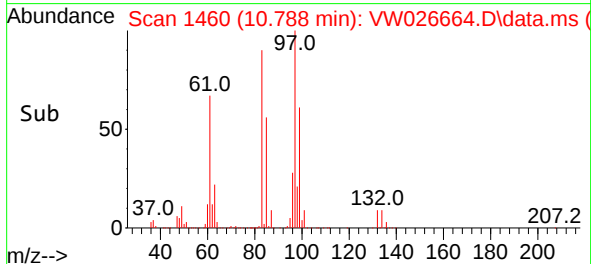
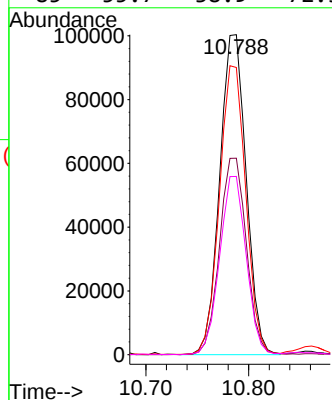
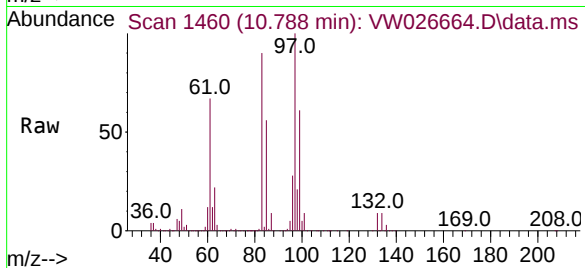




#45
1,1,2-Trichloroethane
Concen: 25.247 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

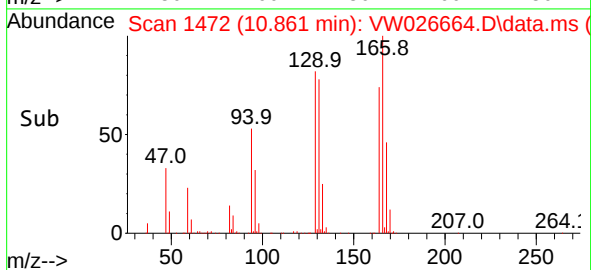
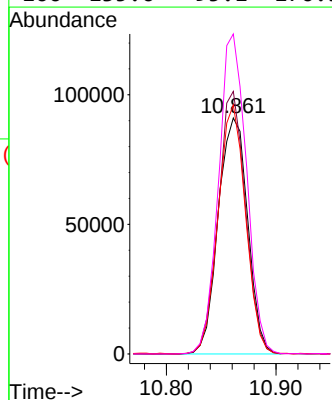
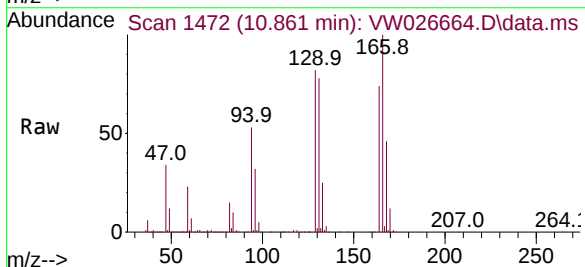
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

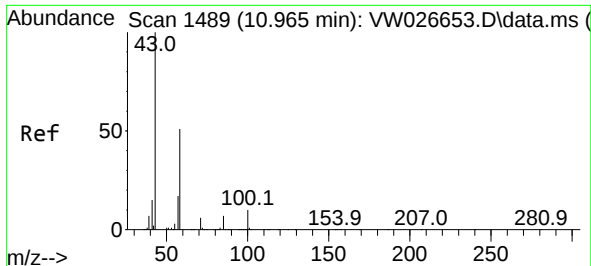
Tgt Ion:	97	Resp:	179687
Ion	Ratio	Lower	Upper
97	100		
99	61.4	40.5	75.3
83	89.7	61.0	113.2
85	55.7	38.9	72.3



#46
Tetrachloroethene
Concen: 24.212 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion:	164	Resp:	169539
Ion	Ratio	Lower	Upper
164	100		
129	111.2	75.5	140.1
131	105.5	74.8	138.8
166	135.6	95.1	176.5

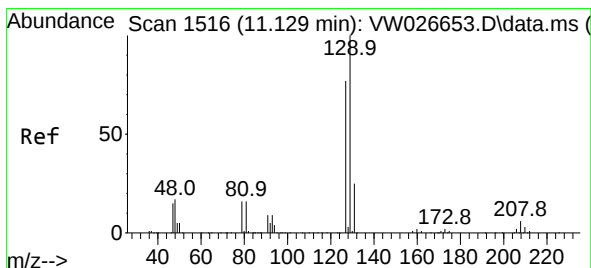
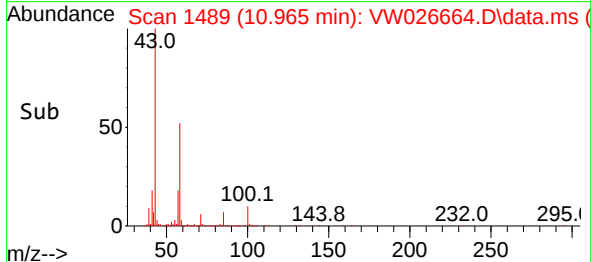
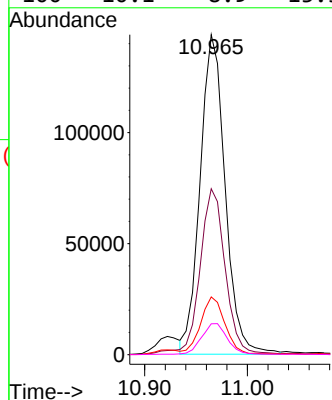
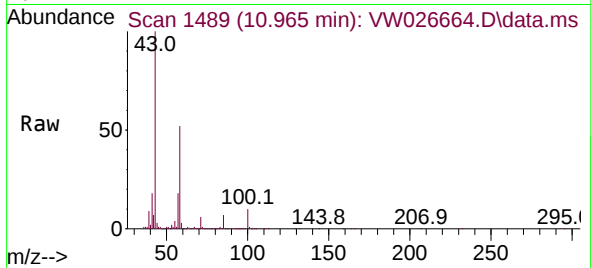




#48
2-Hexanone
Concen: 45.459 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

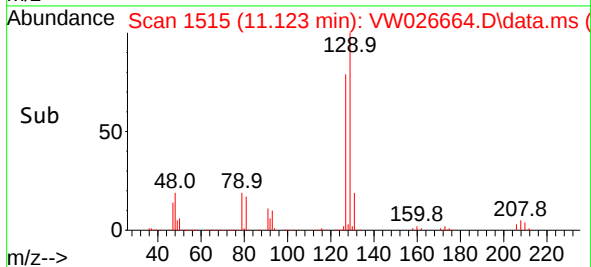
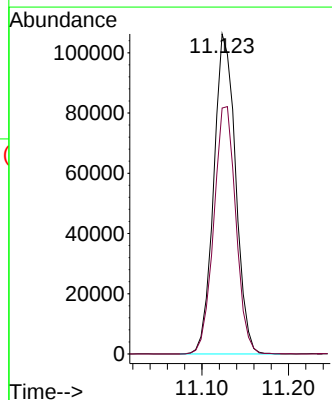
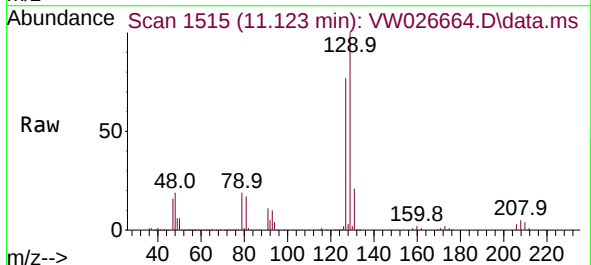
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

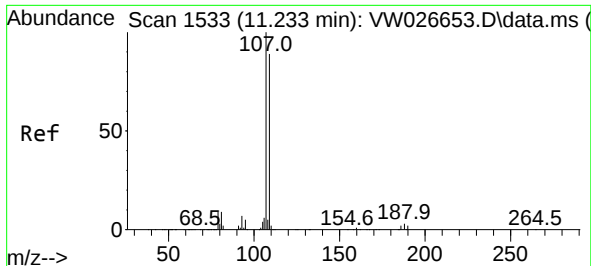
Tgt Ion:	43	Resp:	244181
Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.1	63.1
57	17.9	14.8	22.2
100	10.1	8.9	13.3



#49
Dibromochloromethane
Concen: 26.402 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion:	129	Resp:	186063
Ion	Ratio	Lower	Upper
129	100		
127	76.8	51.2	95.2





#50

1,2-Dibromoethane

Concen: 24.213 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

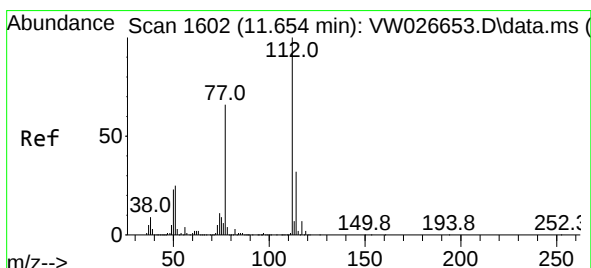
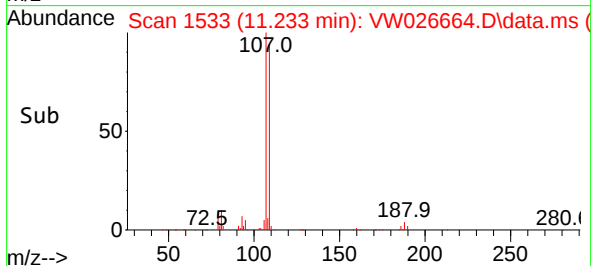
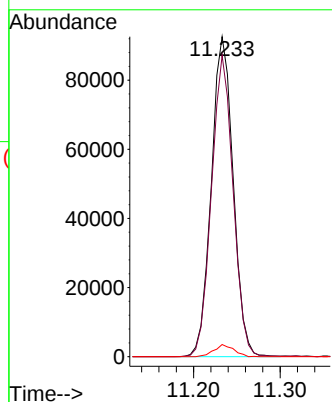
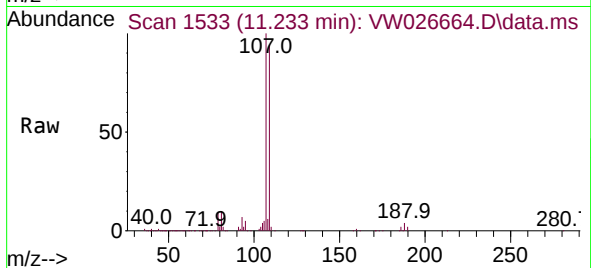
Tgt Ion:107 Resp: 162440

Ion Ratio Lower Upper

107 100

109 94.1 62.9 116.7

188 3.8 2.8 4.2



#51

Chlorobenzene

Concen: 25.359 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

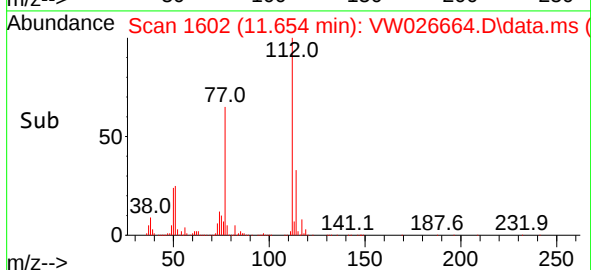
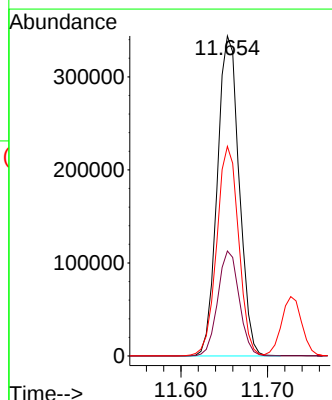
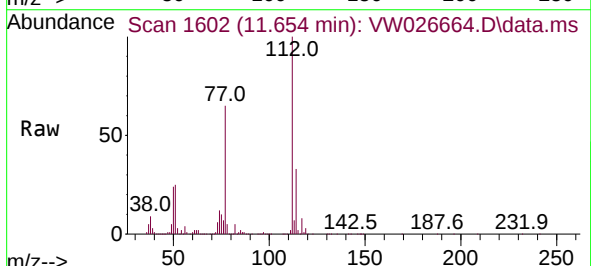
Tgt Ion:112 Resp: 602935

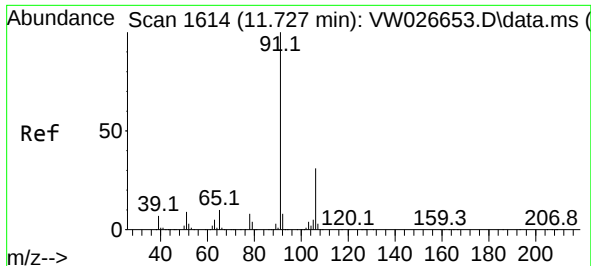
Ion Ratio Lower Upper

112 100

114 32.8 21.6 40.2

77 65.5 50.3 75.5





#52

Ethylbenzene

Concen: 25.861 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

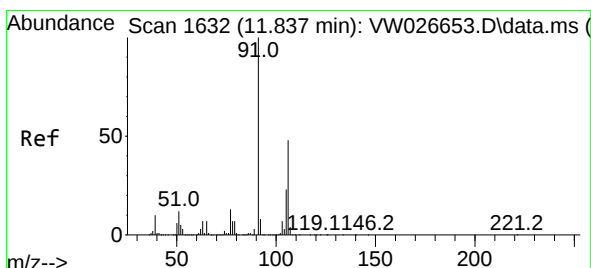
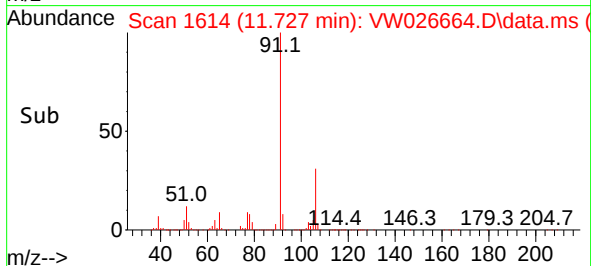
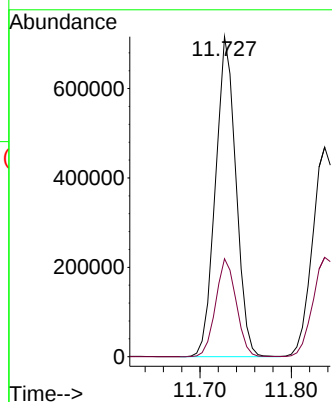
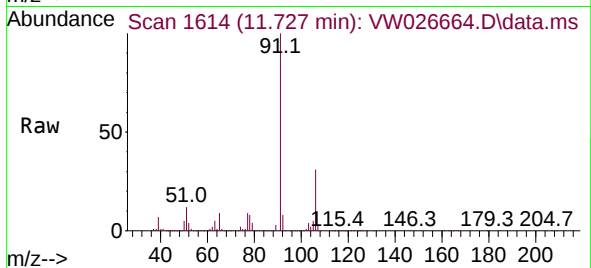
VSTD025571

Tgt Ion: 91 Resp: 1116475

Ion Ratio Lower Upper

91 100

106 30.6 20.8 38.6



#53

m,p-Xylene

Concen: 26.388 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW026664.D

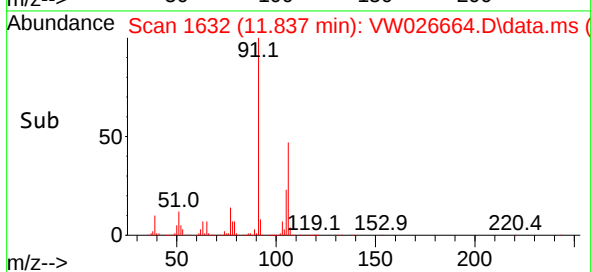
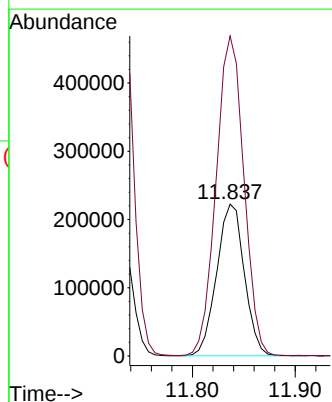
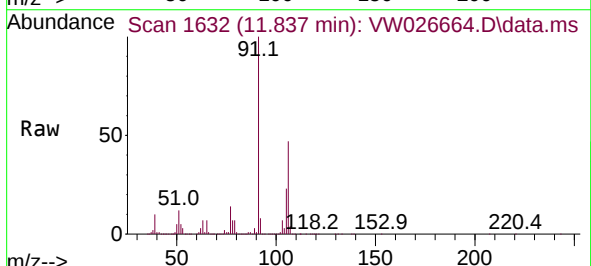
Acq: 28 Jul 2023 09:12

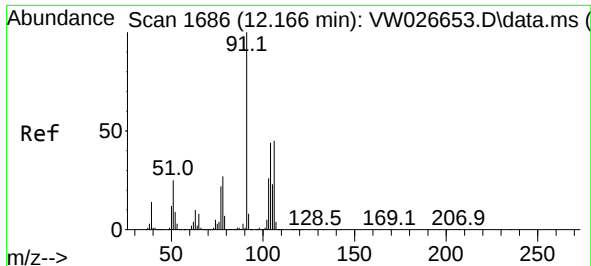
Tgt Ion:106 Resp: 414464

Ion Ratio Lower Upper

106 100

91 210.8 150.3 279.1

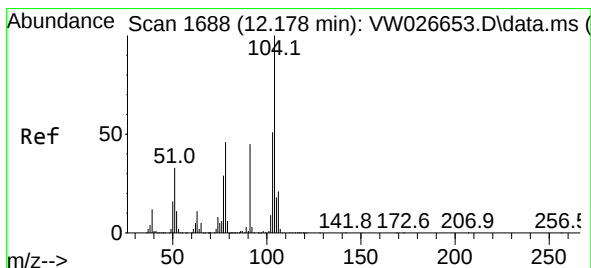
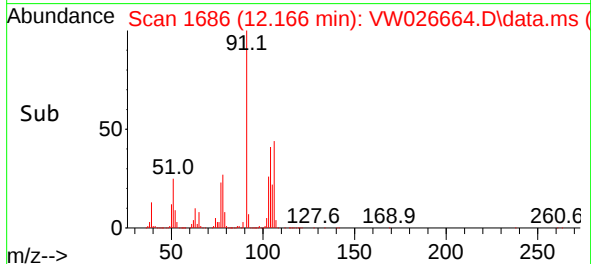
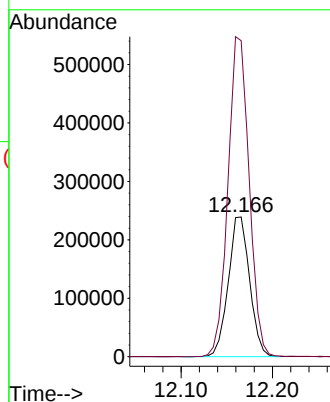
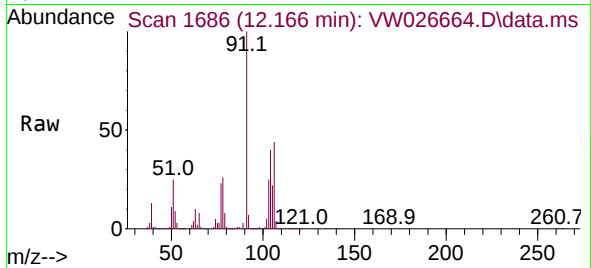




#54
o-Xylene
Concen: 26.375 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

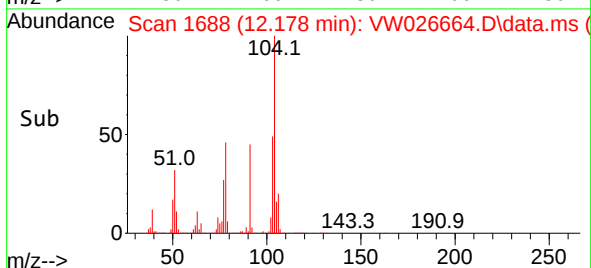
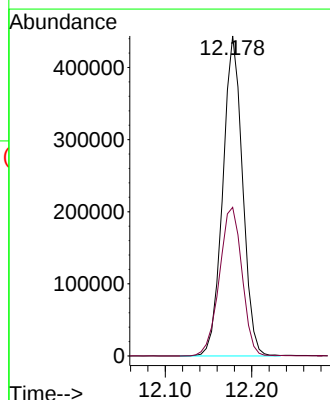
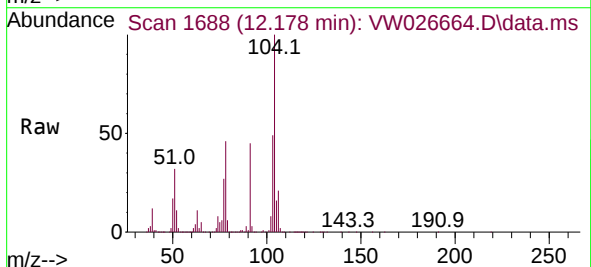
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

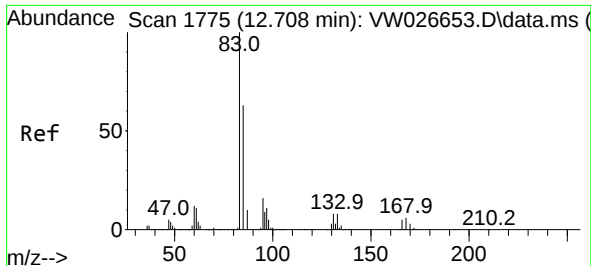
Tgt Ion:106 Resp: 388832
Ion Ratio Lower Upper
106 100
91 226.1 154.3 286.5



#55
Styrene
Concen: 28.285 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion:104 Resp: 703324
Ion Ratio Lower Upper
104 100
78 46.5 34.6 64.2





#57

1,1,2,2-Tetrachloroethane

Concen: 23.675 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

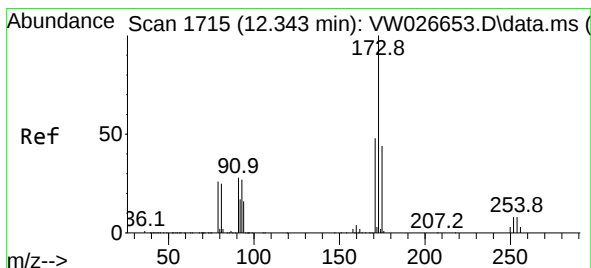
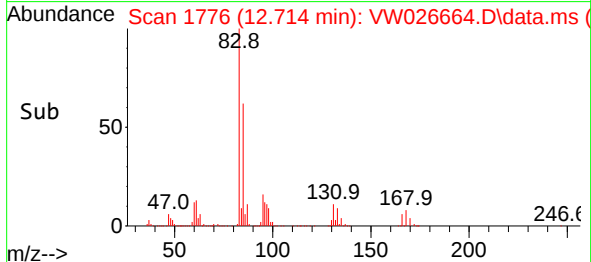
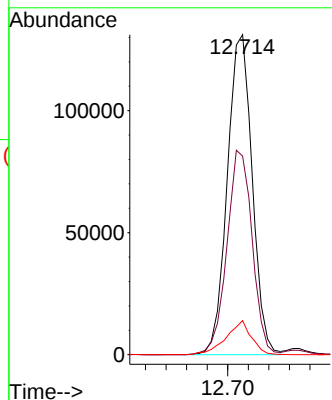
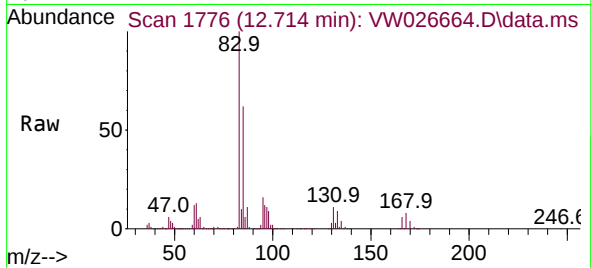
Tgt Ion: 83 Resp: 221129

Ion Ratio Lower Upper

83 100

85 62.0 46.2 85.8

131 10.7 7.2 10.8



#59

Bromoform

Concen: 22.784 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

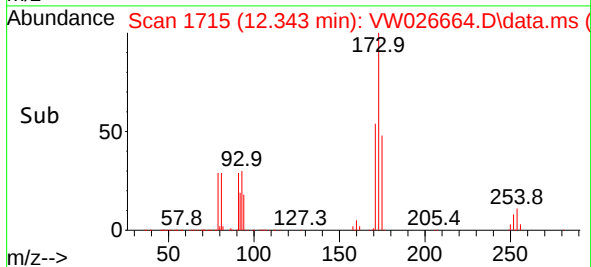
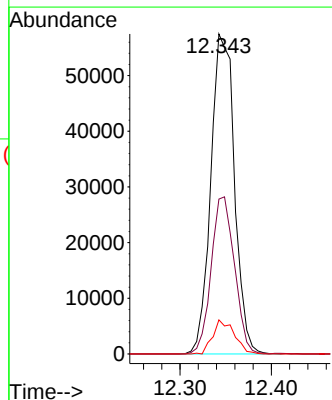
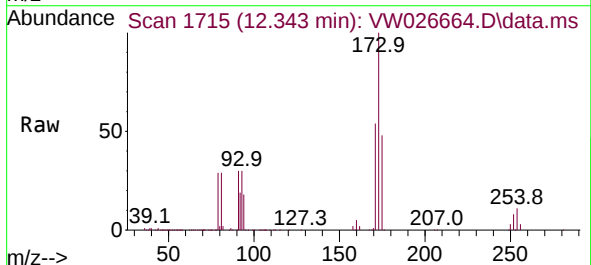
Tgt Ion:173 Resp: 103341

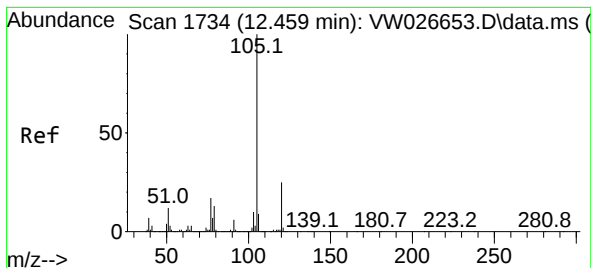
Ion Ratio Lower Upper

173 100

175 48.3 36.6 54.8

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 24.379 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

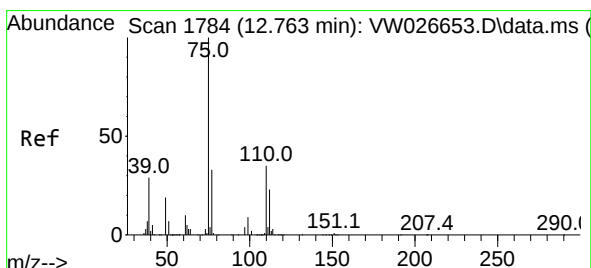
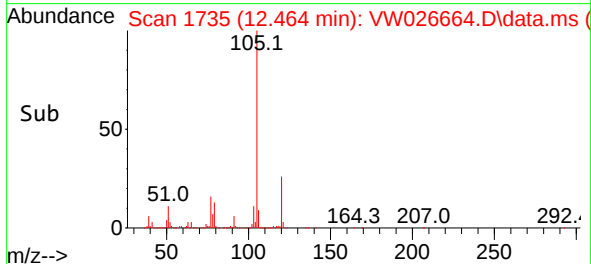
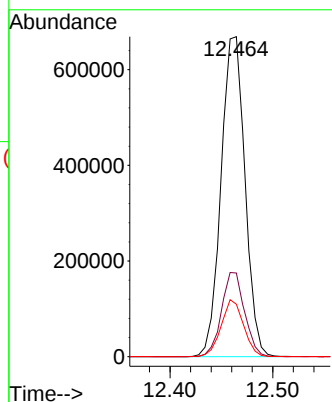
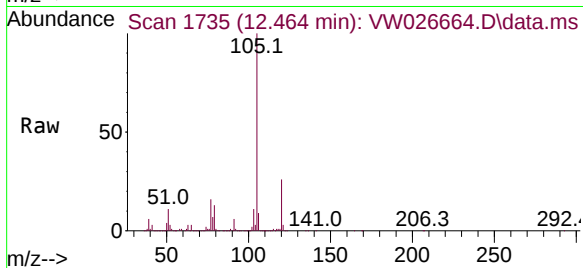
Tgt Ion:105 Resp: 1081696

Ion Ratio Lower Upper

105 100

120 25.3 20.5 30.7

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.163 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

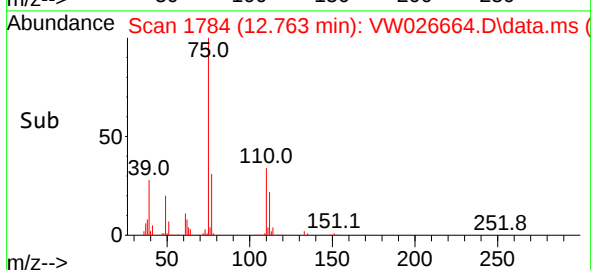
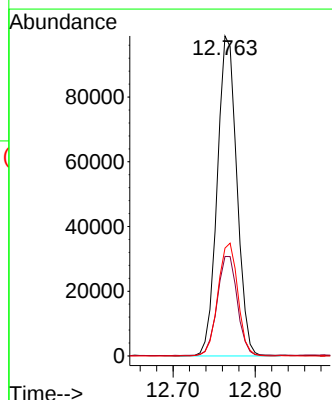
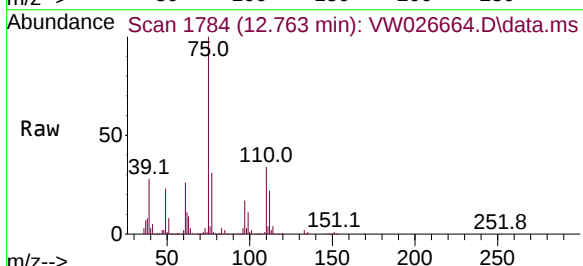
Tgt Ion: 75 Resp: 163922

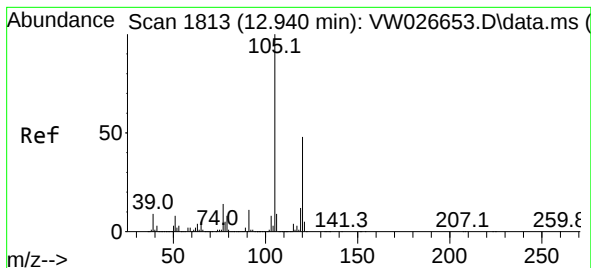
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

110 35.7 28.3 42.5

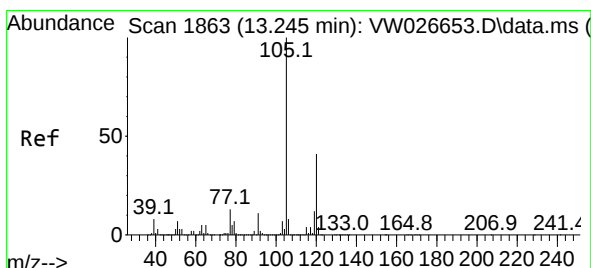
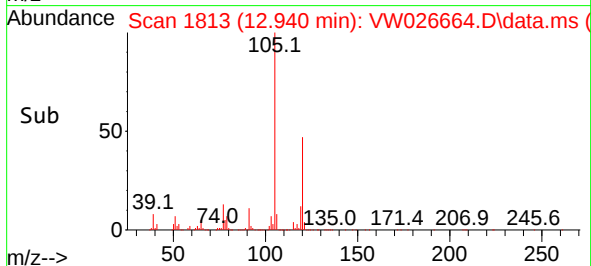
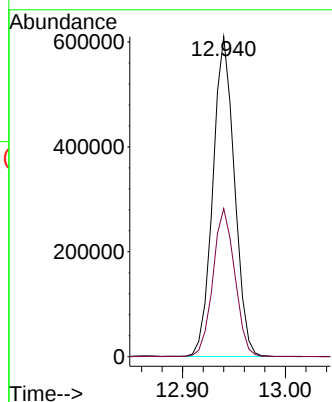
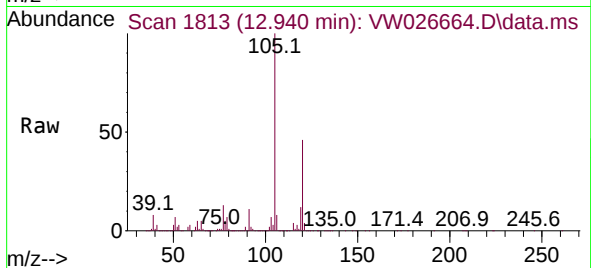




#62
1,3,5-Trimethylbenzene
Concen: 26.176 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

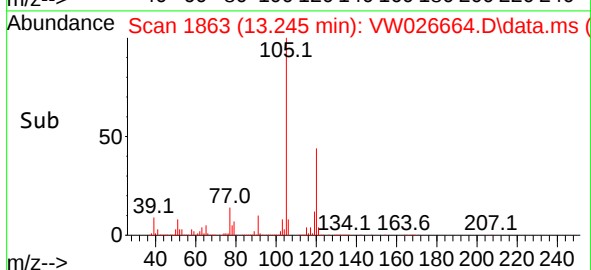
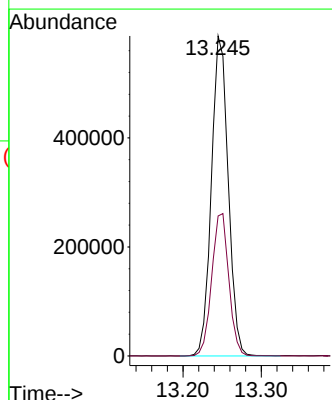
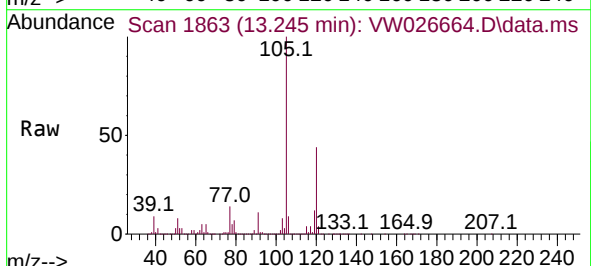
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

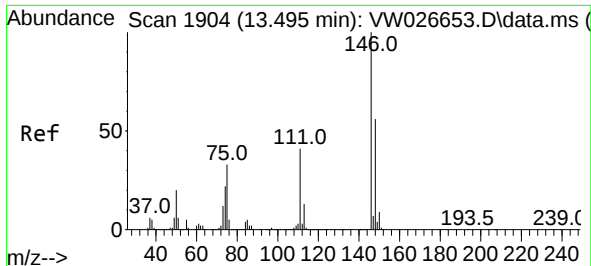
Tgt Ion:105 Resp: 890824
Ion Ratio Lower Upper
105 100
120 46.9 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 25.909 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion:105 Resp: 874187
Ion Ratio Lower Upper
105 100
120 45.3 35.2 52.8

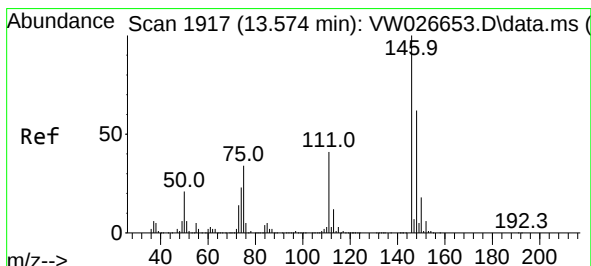
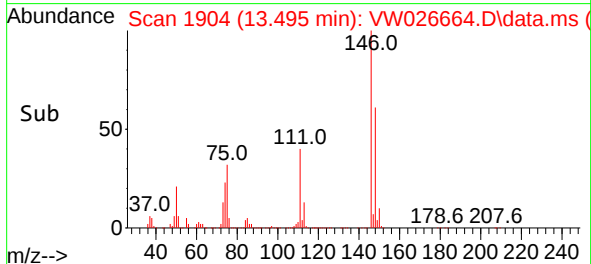
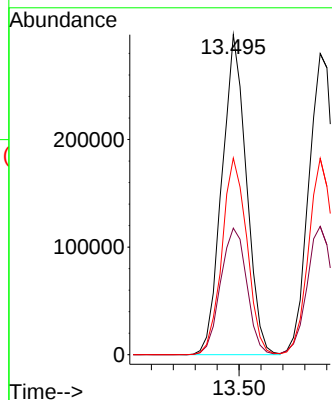
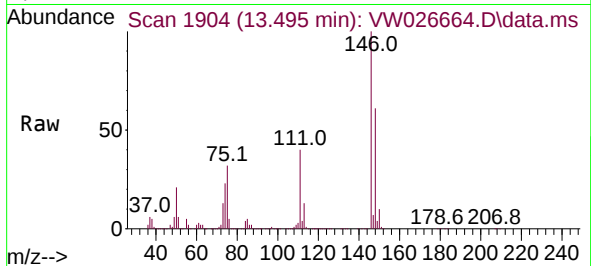




#64
1,3-Dichlorobenzene
Concen: 24.796 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

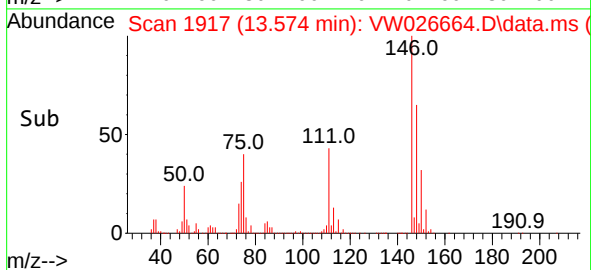
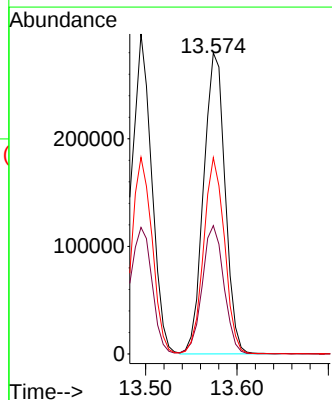
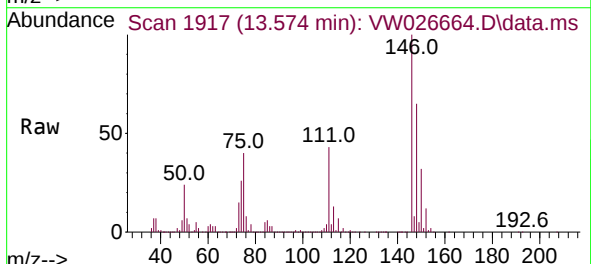
Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

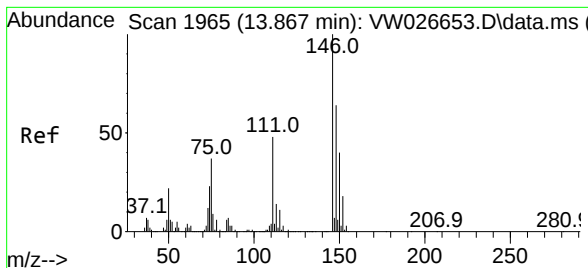
Tgt Ion:146 Resp: 461657
Ion Ratio Lower Upper
146 100
111 39.5 30.4 56.4
148 61.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 24.555 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026664.D
Acq: 28 Jul 2023 09:12

Tgt Ion:146 Resp: 455946
Ion Ratio Lower Upper
146 100
111 42.6 29.7 55.1
148 65.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 25.097 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

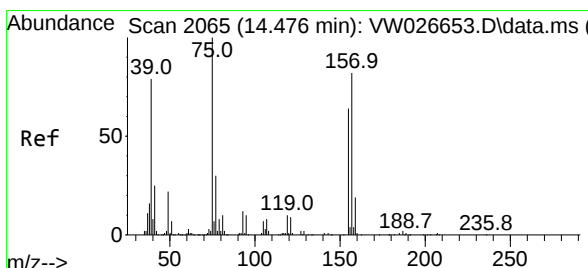
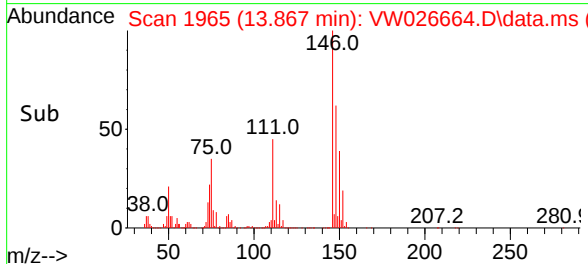
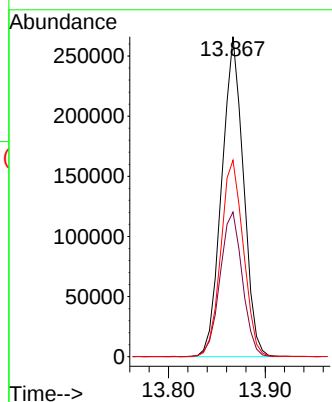
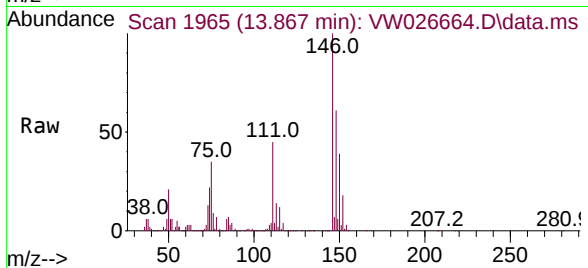
Tgt Ion:146 Resp: 413539

Ion Ratio Lower Upper

146 100

111 45.2 31.8 47.8

148 61.4 46.9 70.3



#68

1,2-Dibromo-3-chloropropane

Concen: 20.077 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

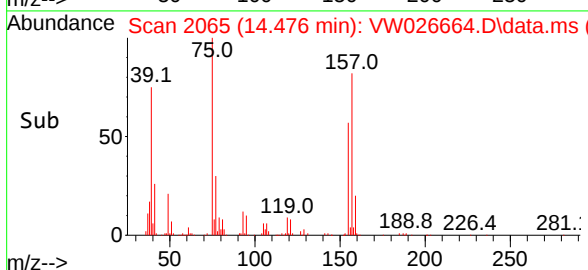
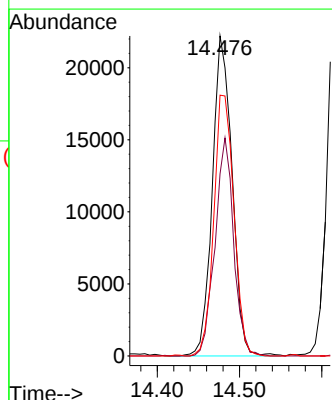
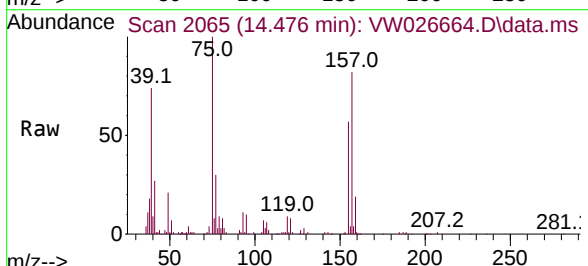
Tgt Ion: 75 Resp: 37014

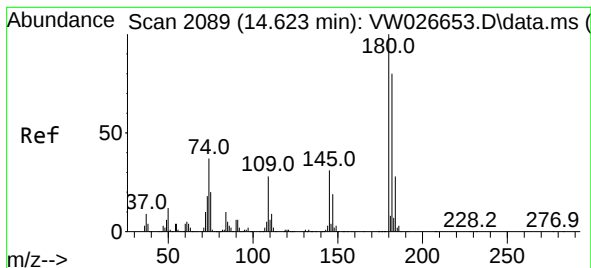
Ion Ratio Lower Upper

75 100

155 56.9 49.1 73.7

157 81.5 60.6 90.8





#69

1,3,5-Trichlorobenzene

Concen: 23.458 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026664.D

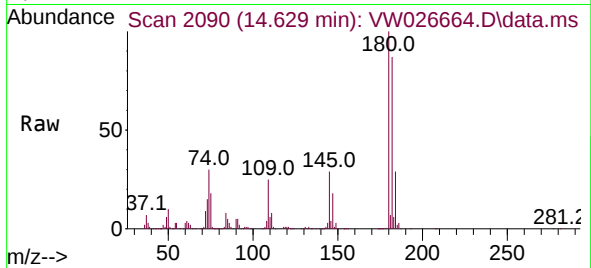
Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571



Tgt Ion:180 Resp: 289019

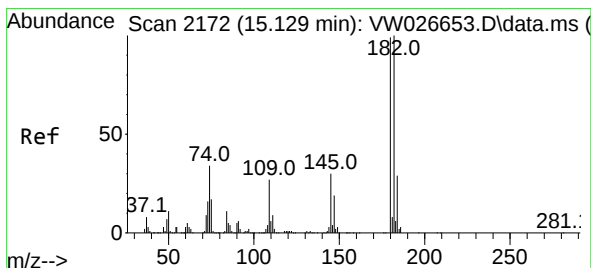
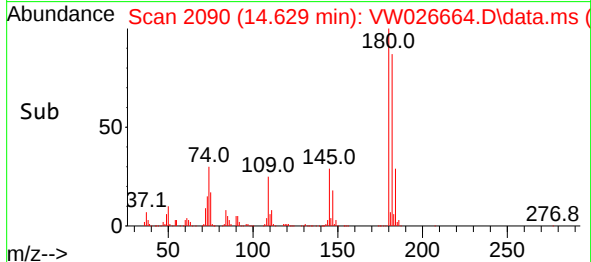
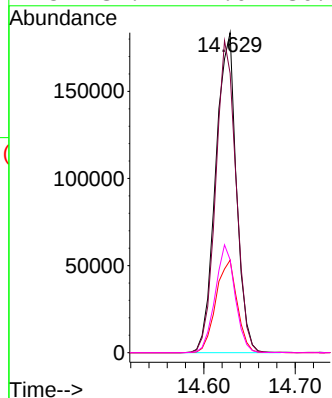
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

184 29.7 23.7 35.5

145 32.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 24.313 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

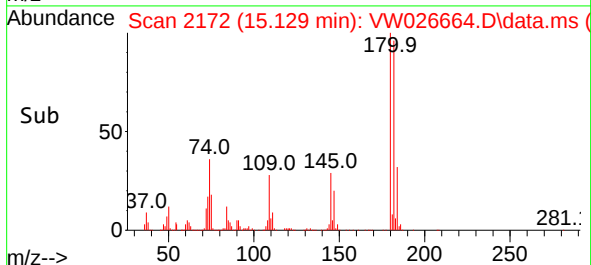
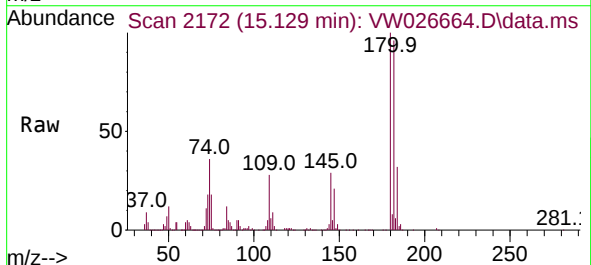
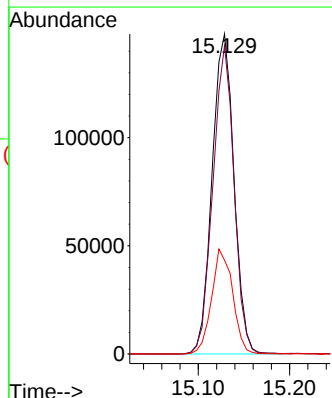
Tgt Ion:180 Resp: 245823

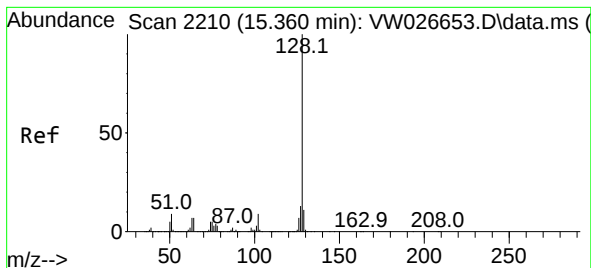
Ion Ratio Lower Upper

180 100

182 93.2 73.5 110.3

145 31.6 25.0 37.6





#71

Naphthalene

Concen: 21.498 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD025571

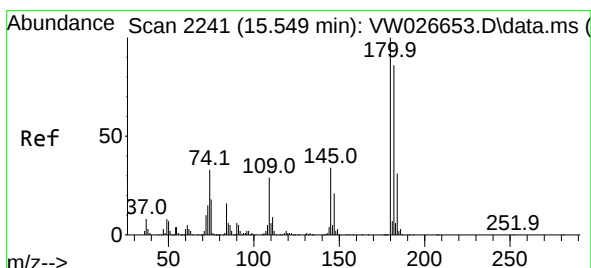
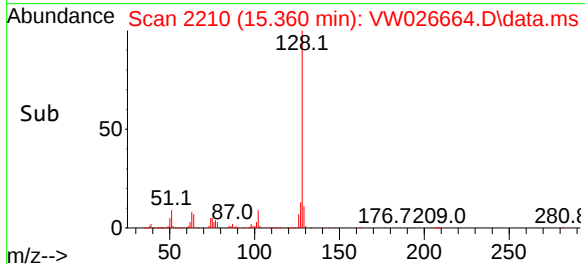
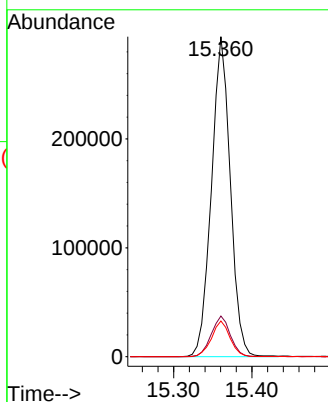
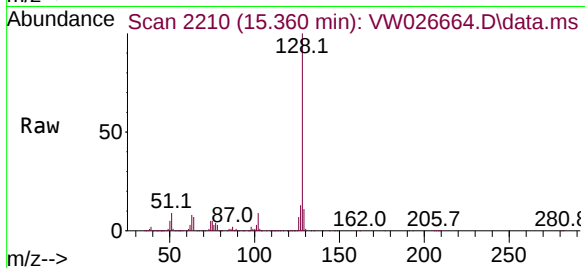
Tgt Ion:128 Resp: 492229

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.596 ug/L

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW026664.D

Acq: 28 Jul 2023 09:12

Tgt Ion:180 Resp: 215073

Ion Ratio Lower Upper

180 100

182 99.0 75.2 112.8

145 35.2 26.6 40.0

