

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041823\
 Data File : VW025571.D
 Acq On : 18 Apr 2023 13:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

Quant Time: Apr 19 04:08:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 11 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	799984	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	710289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	349635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	253814	19.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.000%
7) Chloroethane-d5	2.899	69	196432	21.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.760%
11) 1,1-Dichloroethene-d2	4.027	63	576745	21.907	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	7.075	46	143825	49.524	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.040%
24) Chloroform-d	7.648	84	524717	23.361	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.440%
26) 1,2-Dichloroethane-d4	8.301	65	273161	23.376	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.520%
32) Benzene-d6	8.276	84	1059471	23.036	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	9.270	67	329857	23.002	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.000%
41) Toluene-d8	10.319	98	942114	23.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	10.575	79	124916	23.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.920%
47) 2-Hexanone-d5	10.922	63	101252	51.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238496	24.640	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	283244	23.581	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	258918	23.144	ug/L	99
3) Chloromethane	2.229	50	306978	23.652	ug/L	100
5) Vinyl chloride	2.381	62	347697	24.234	ug/L	96
6) Bromomethane	2.796	94	181968	23.577	ug/L	99
8) Chloroethane	2.942	64	197937	24.632	ug/L	95
9) Trichlorofluoromethane	3.271	101	267885	24.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	290303	26.172	ug/L	98
12) 1,1-Dichloroethene	4.045	96	277517	24.995	ug/L	96
13) Acetone	4.119	43	143226	58.271	ug/L	100
14) Carbon disulfide	4.393	76	911955	23.281	ug/L	100
15) Methyl Acetate	4.673	43	137778	24.950	ug/L	98
16) Methylene chloride	4.923	84	307529	24.185	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	293331	24.850	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	407250	25.000	ug/L	100
19) 1,1-Dichloroethane	6.216	63	602236	25.536	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	314159	25.580	ug/L	95
22) 2-Butanone	7.167	43	186835	53.471	ug/L	100
23) Bromochloromethane	7.514	128	124792	24.777	ug/L	92
25) Chloroform	7.679	83	555661	25.765	ug/L	99

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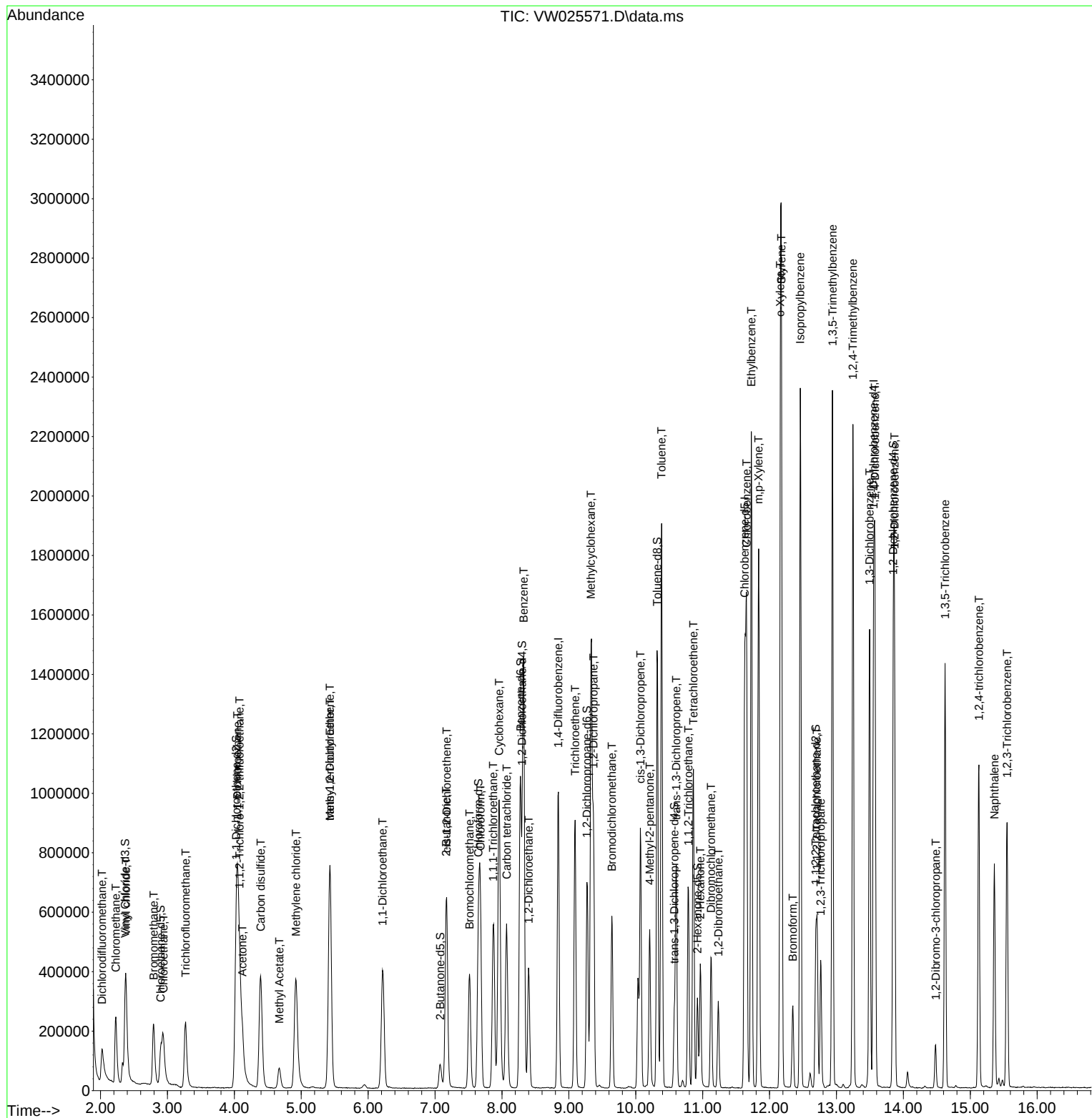
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	364133	25.160	ug/L	98
29) Cyclohexane	7.959	56	580384	25.246	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	449068	25.445	ug/L	99
31) Carbon tetrachloride	8.069	117	416974	26.162	ug/L	99
33) Benzene	8.325	78	1255757	25.400	ug/L	100
34) Trichloroethene	9.093	95	319689	24.860	ug/L	94
35) Methylcyclohexane	9.331	83	583658	25.135	ug/L	99
37) 1,2-Dichloropropane	9.368	63	333879	25.571	ug/L	99
38) Bromodichloromethane	9.642	83	386336	25.861	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	488888	26.103	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	373501	50.538	ug/L	100
42) Toluene	10.386	91	1309701	26.016	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	402920	26.089	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	211383	25.390	ug/L	97
46) Tetrachloroethene	10.861	164	234716	25.952	ug/L	88
48) 2-Hexanone	10.965	43	272762	53.416	ug/L	96
49) Dibromochloromethane	11.123	129	232914	26.572	ug/L	94
50) 1,2-Dibromoethane	11.233	107	193044	25.236	ug/L	99
51) Chlorobenzene	11.654	112	779444	25.126	ug/L	98
52) Ethylbenzene	11.727	91	1481478	26.005	ug/L	98
53) m,p-Xylene	11.837	106	547151	26.190	ug/L	99
54) o-Xylene	12.160	106	519944	26.603	ug/L	95
55) Styrene	12.178	104	883333	26.852	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	250203	25.090	ug/L	97
59) Bromoform	12.349	173	122670	25.604	ug/L	95
60) Isopropylbenzene	12.459	105	1450053	26.476	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	180452	24.902	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1185946	27.430	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1139680	27.376	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	590410	26.013	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	596519	25.735	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	497577	25.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	38967	24.513	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	396847	26.116	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	314721	25.496	ug/L	98
71) Naphthalene	15.360	128	598494	25.984	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	281626	26.094	ug/L	97

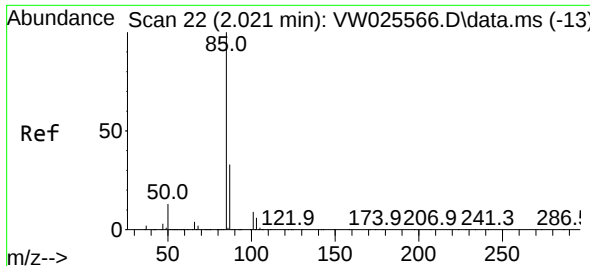
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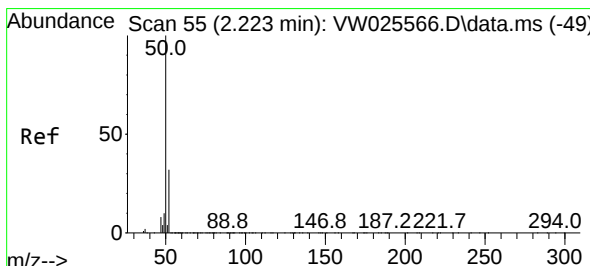
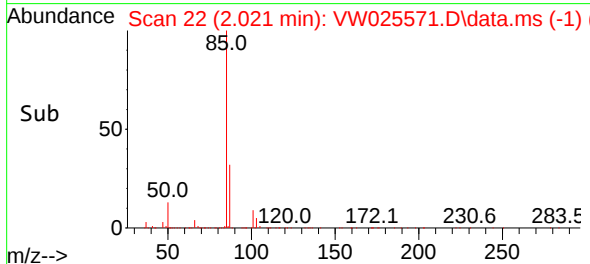
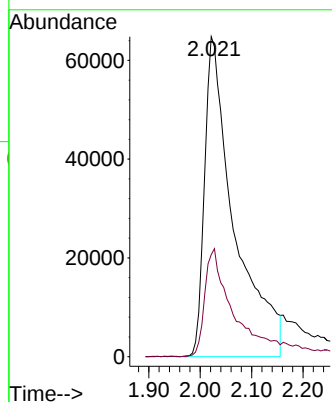
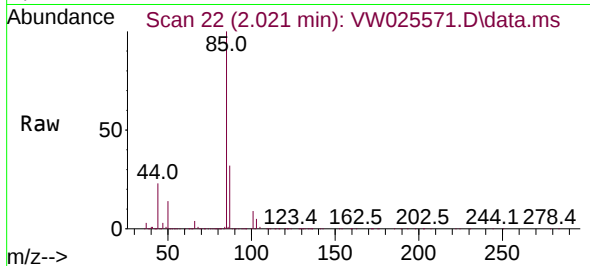




#2
 Dichlorodifluoromethane
 Concen: 23.144 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

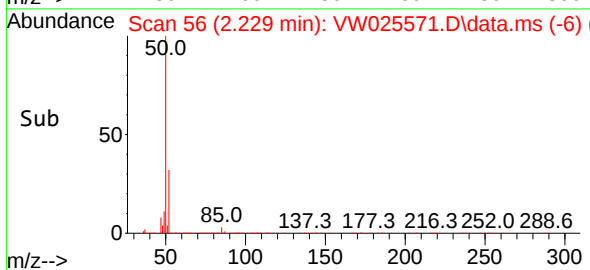
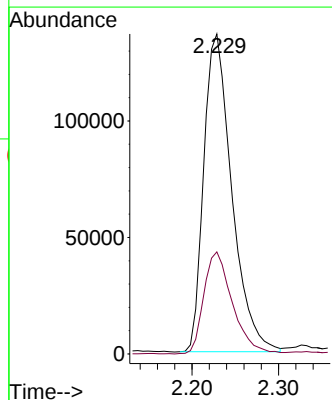
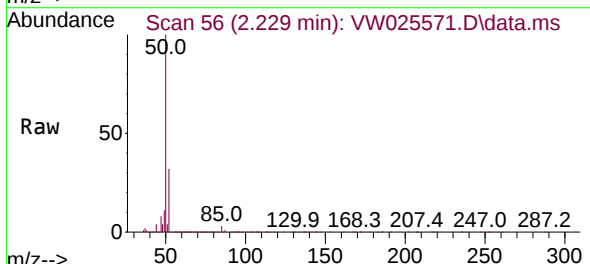
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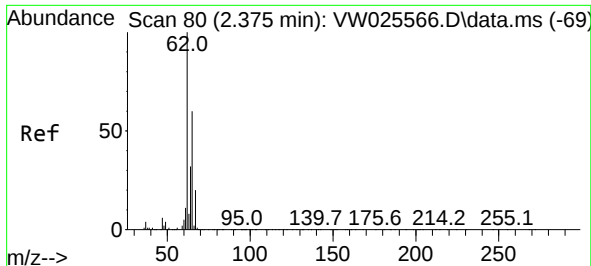
Tgt Ion: 85 Resp: 258918
 Ion Ratio Lower Upper
 85 100
 87 31.3 24.6 37.0



#3
 Chloromethane
 Concen: 23.652 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

Tgt Ion: 50 Resp: 306978
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.2 41.2

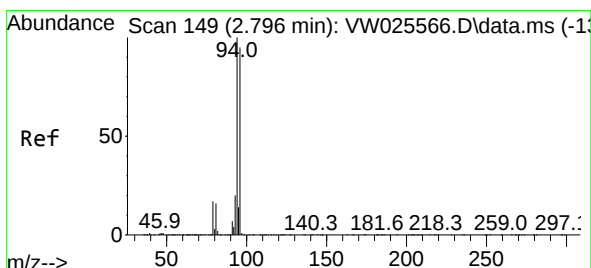
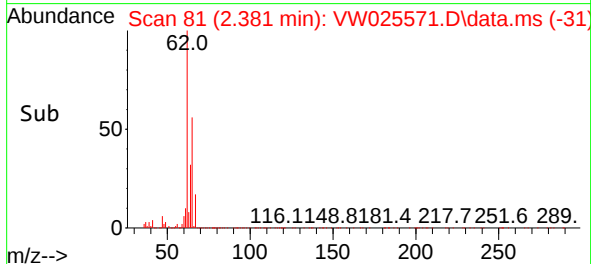
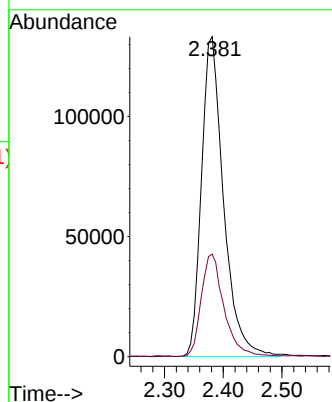
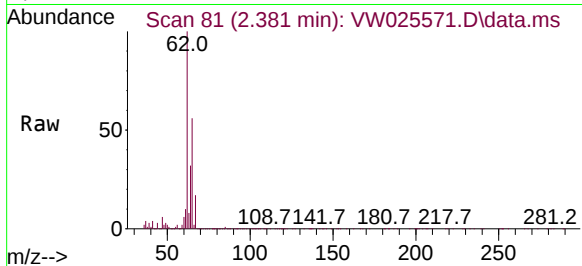




#5
 Vinyl chloride
 Concen: 24.234 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

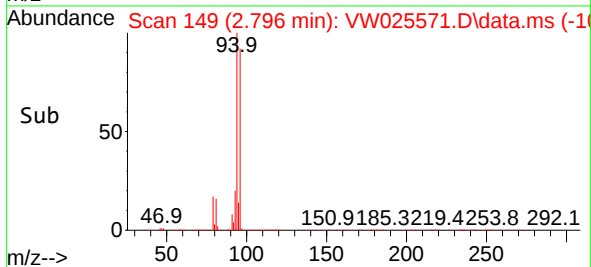
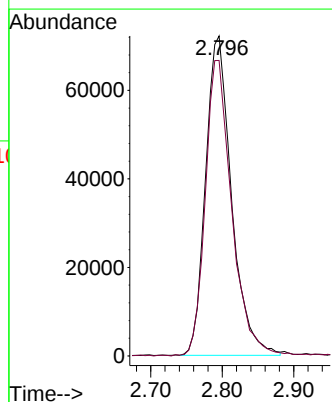
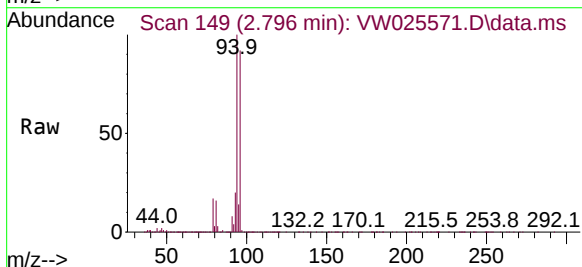
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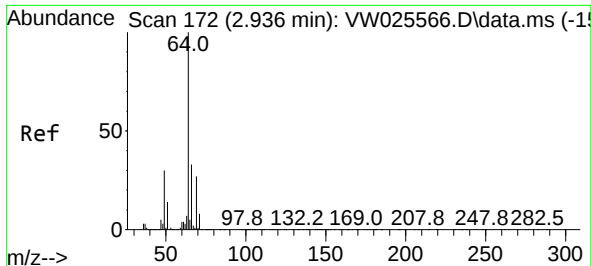
Tgt Ion: 62 Resp: 347697
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.9 44.3



#6
 Bromomethane
 Concen: 23.577 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

Tgt Ion: 94 Resp: 181968
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.0 118.8

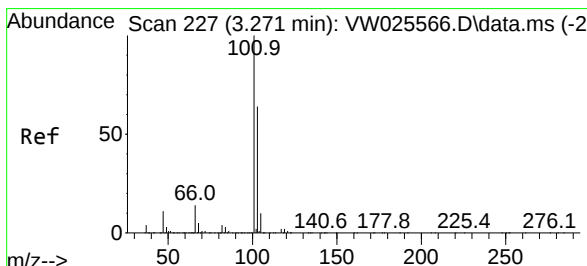
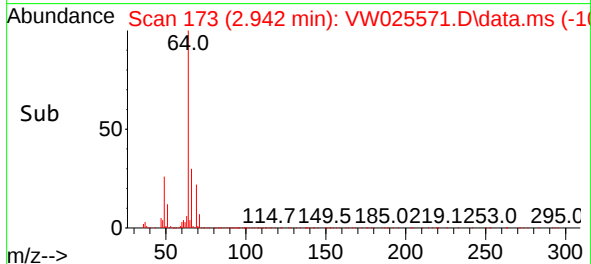
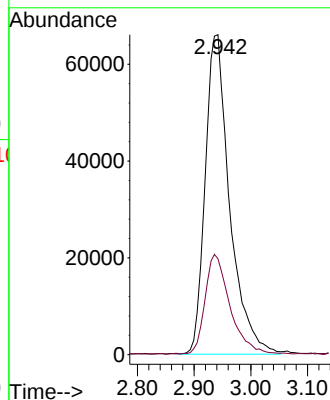
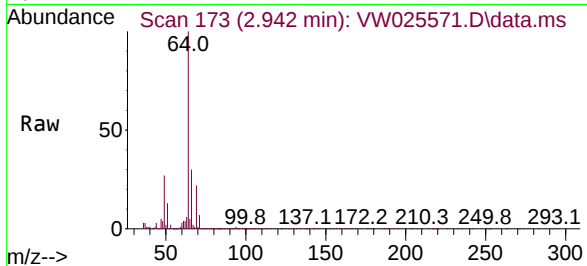




#8
Chloroethane
Concen: 24.632 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

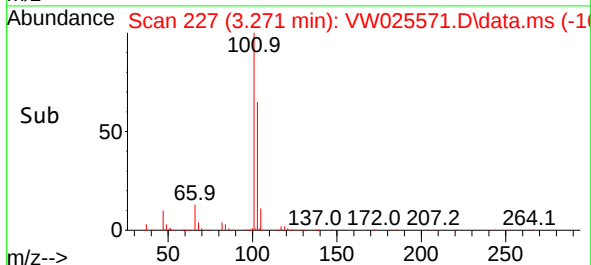
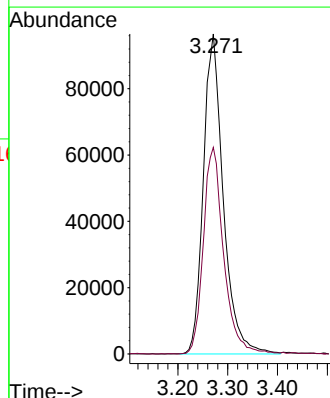
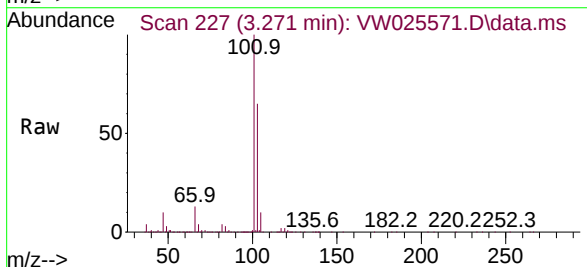
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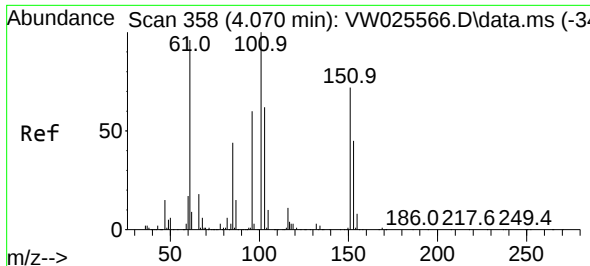
Tgt Ion: 64 Resp: 197937
Ion Ratio Lower Upper
64 100
66 30.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.235 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 101 Resp: 267885
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

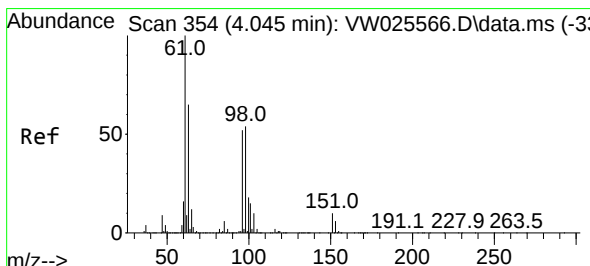
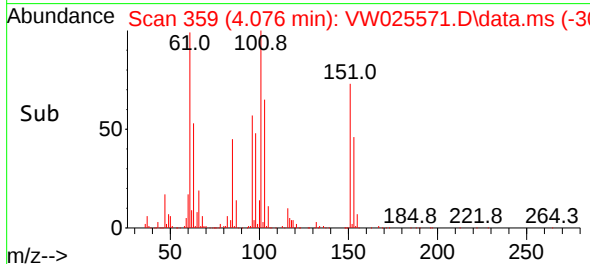
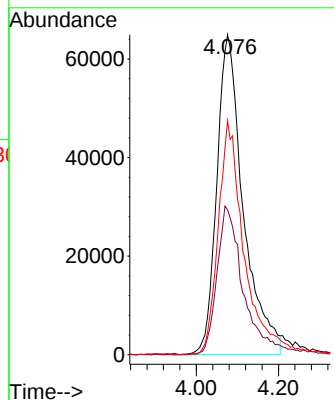
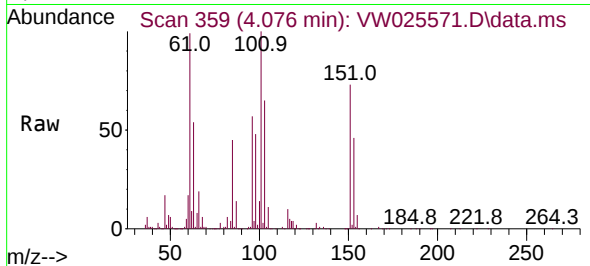




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.172 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

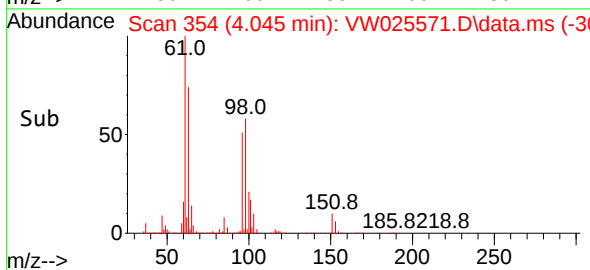
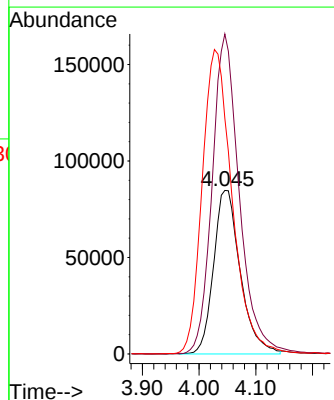
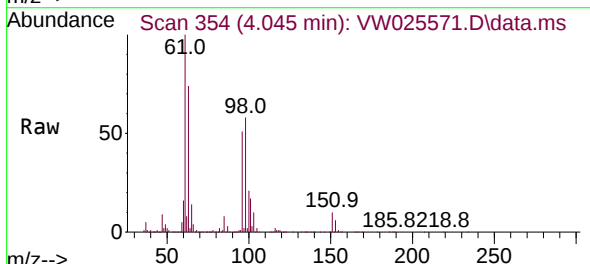
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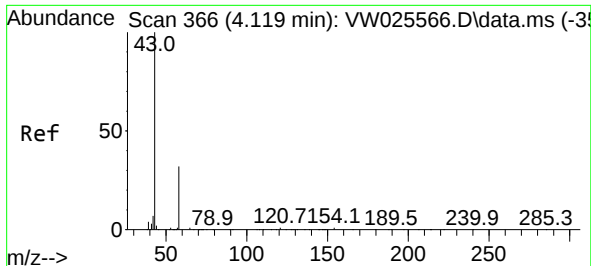
Tgt Ion: 101 Resp: 290303
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.5 51.7
 151 71.3 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.995 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

Tgt Ion: 96 Resp: 277517
 Ion Ratio Lower Upper
 96 100
 61 195.8 132.7 246.4
 63 144.2 105.0 195.0

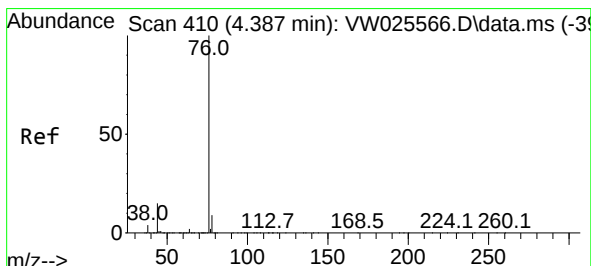
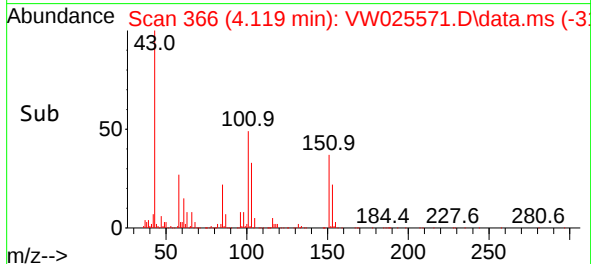
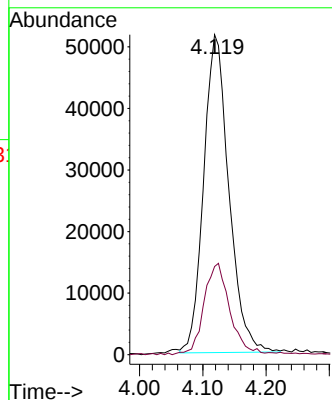
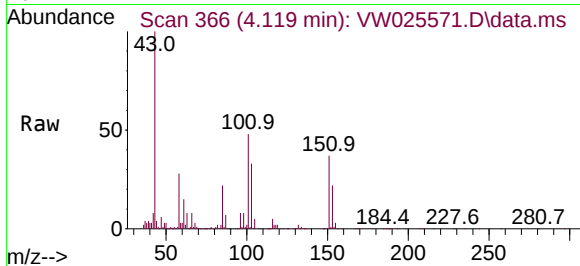




#13
Acetone
Concen: 58.271 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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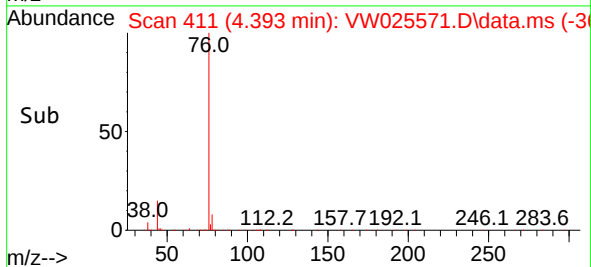
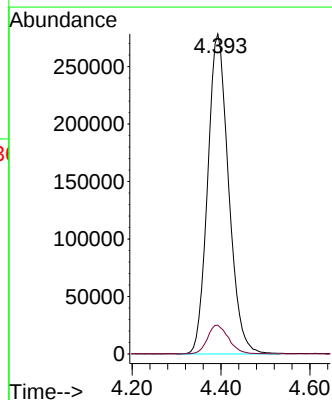
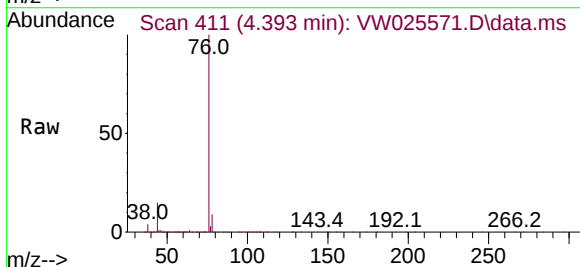
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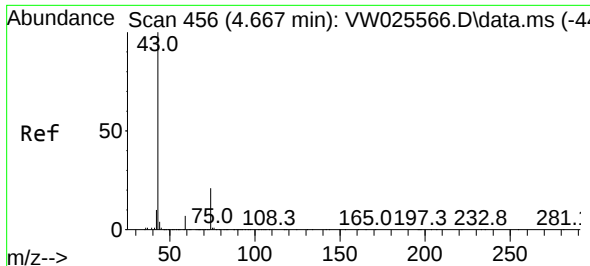
Tgt Ion: 43 Resp: 143226
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.4



#14
Carbon disulfide
Concen: 23.281 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 911955
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

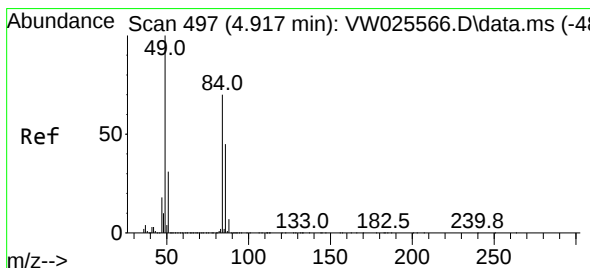
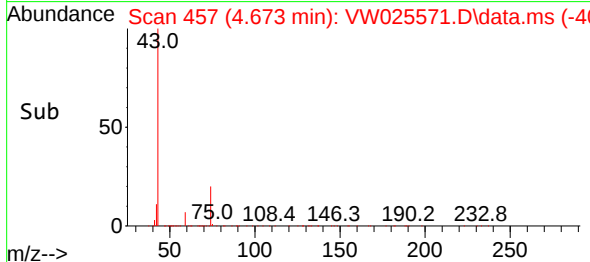
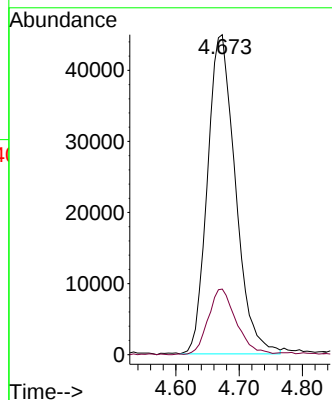
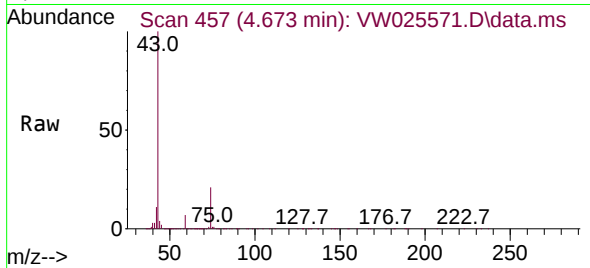




#15
Methyl Acetate
Concen: 24.950 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

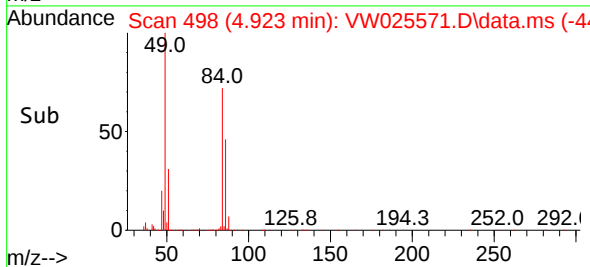
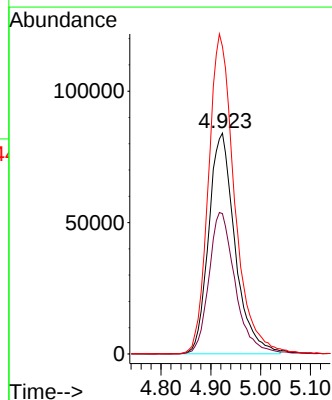
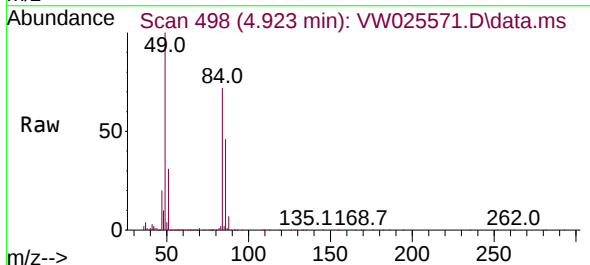
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

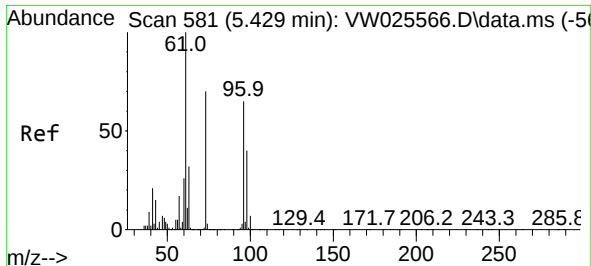
Tgt Ion: 43 Resp: 137778
Ion Ratio Lower Upper
43 100
74 20.4 17.0 25.4



#16
Methylene chloride
Concen: 24.185 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 84 Resp: 307529
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.3
49 139.3 101.4 188.4

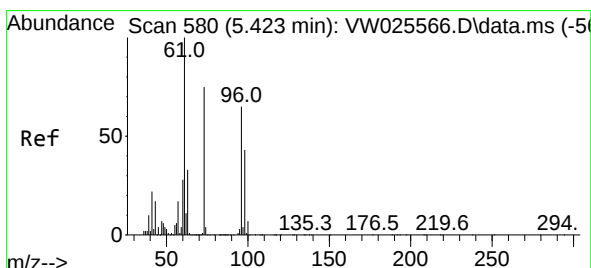
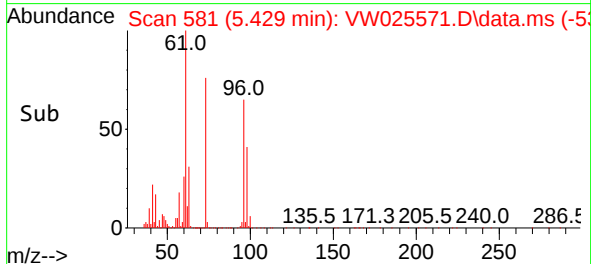
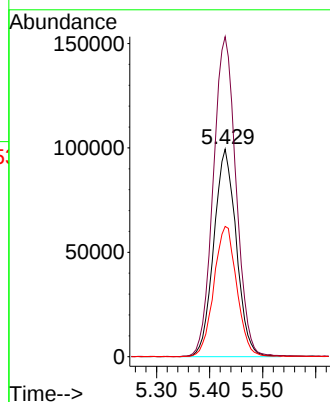
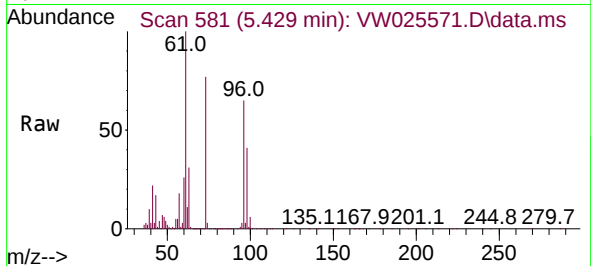




#17
trans-1,2-Dichloroethene
Concen: 24.850 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

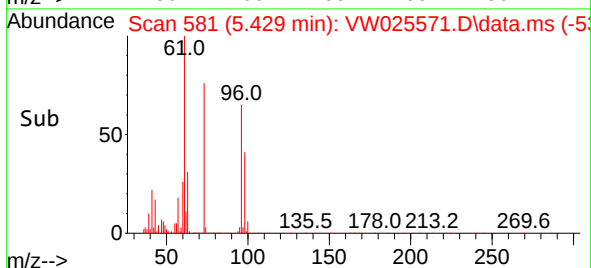
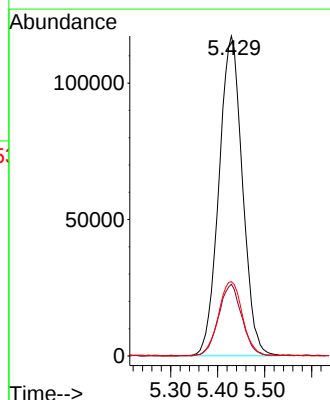
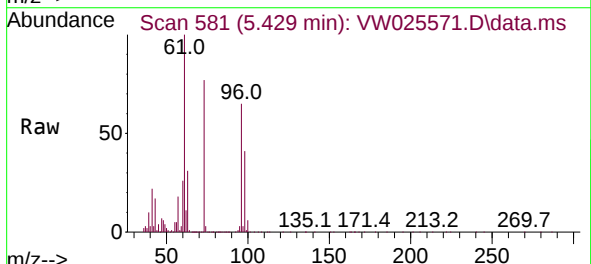
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

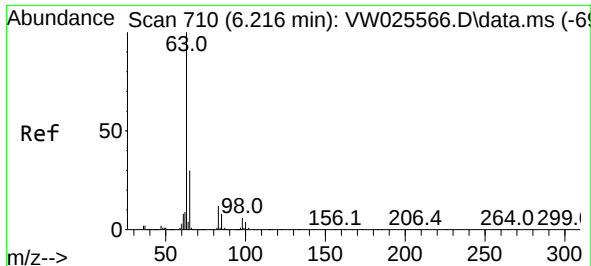
Tgt Ion: 96 Resp: 293331
Ion Ratio Lower Upper
96 100
61 154.2 113.3 210.3
98 62.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 25.000 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 73 Resp: 407250
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.6
57 23.9 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.536 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

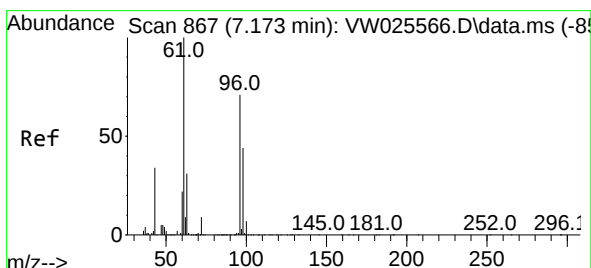
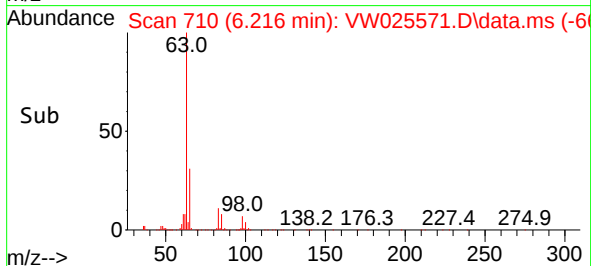
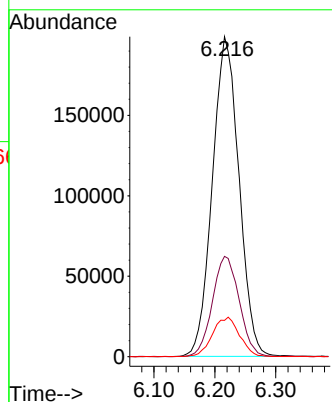
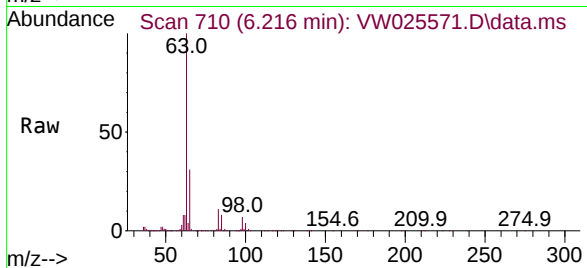
Tgt Ion: 63 Resp: 602236

Ion Ratio Lower Upper

63 100

65 31.4 21.9 40.7

83 11.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.580 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

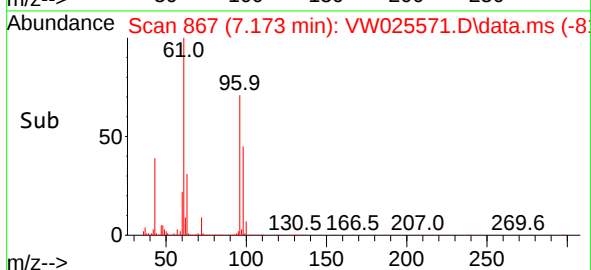
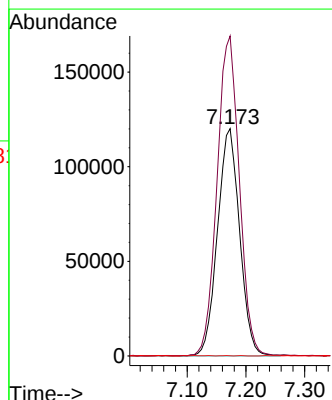
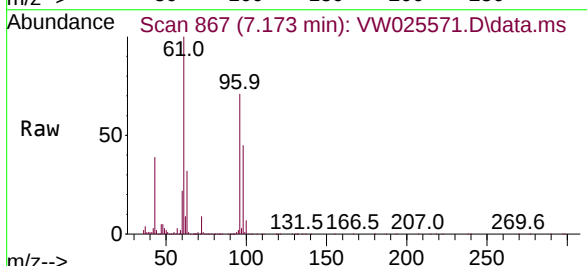
Tgt Ion: 96 Resp: 314159

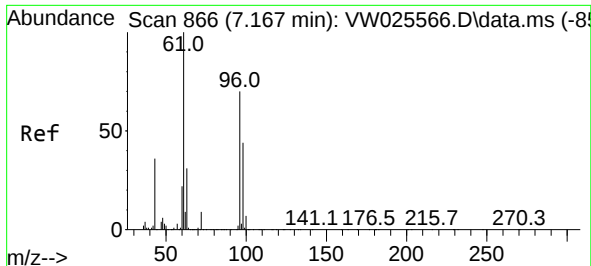
Ion Ratio Lower Upper

96 100

61 140.8 102.6 190.6

68 0.1 0.1 0.1

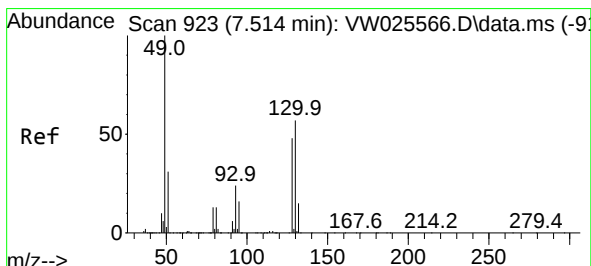
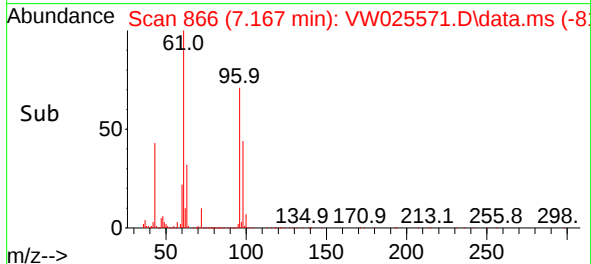
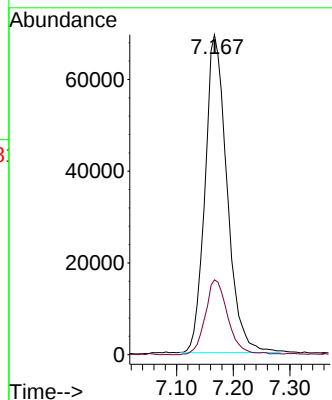
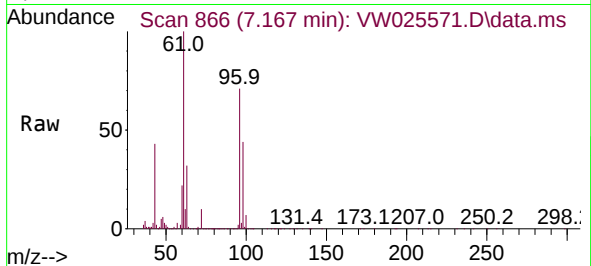




#22
2-Butanone
Concen: 53.471 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

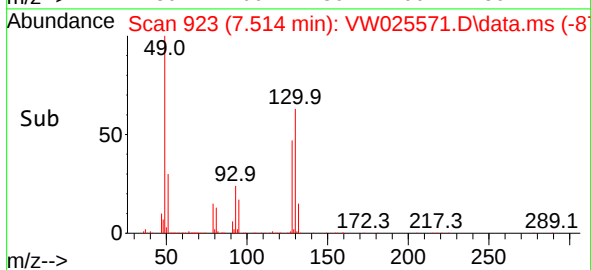
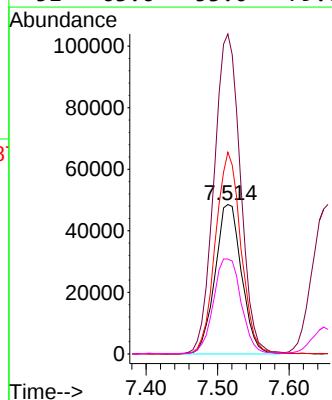
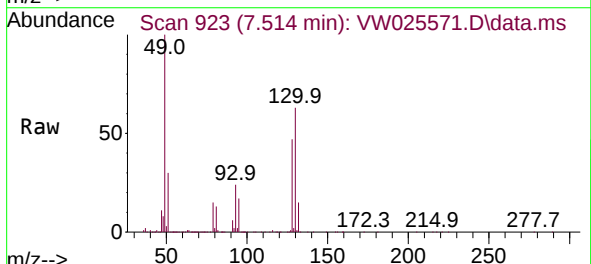
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

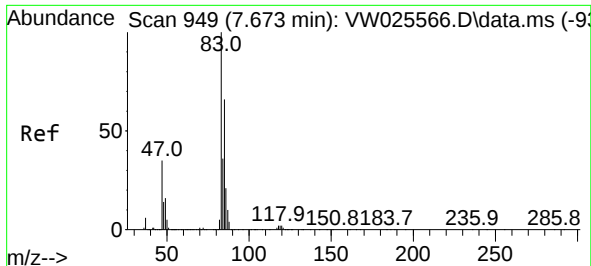
Tgt Ion: 43 Resp: 186835
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.0



#23
Bromochloromethane
Concen: 24.777 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 128 Resp: 124792
Ion Ratio Lower Upper
128 100
49 214.2 141.7 263.3
130 135.0 86.7 160.9
51 63.6 53.0 79.6

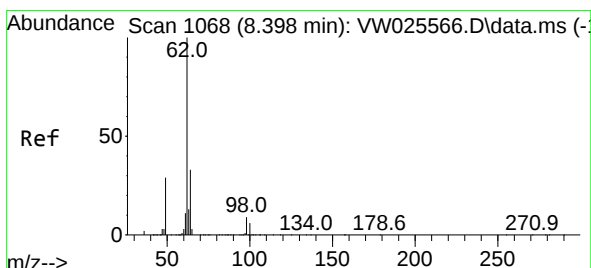
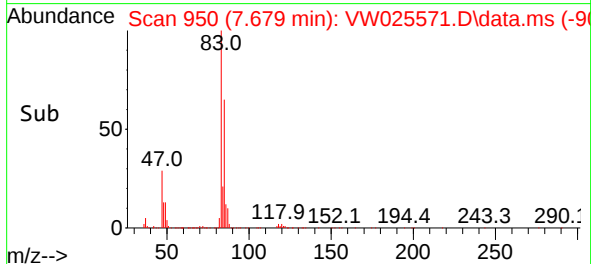
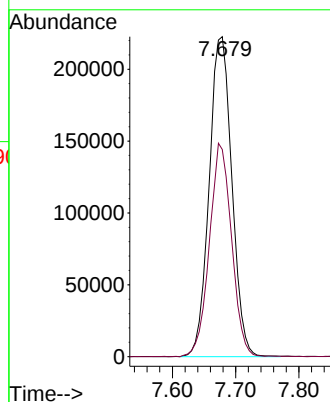
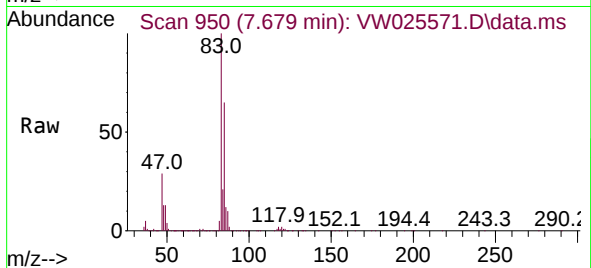




#25
Chloroform
Concen: 25.765 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

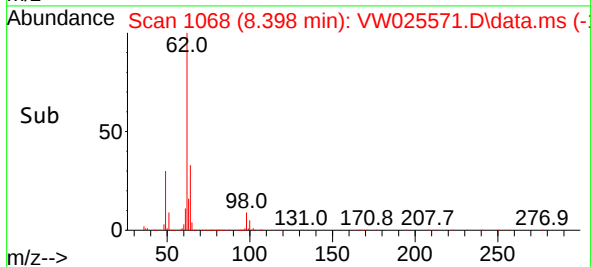
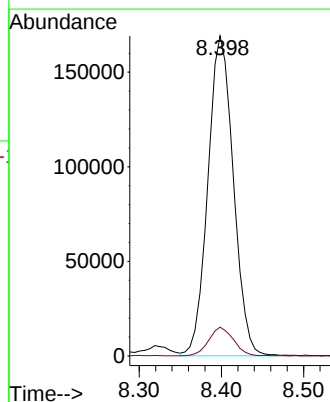
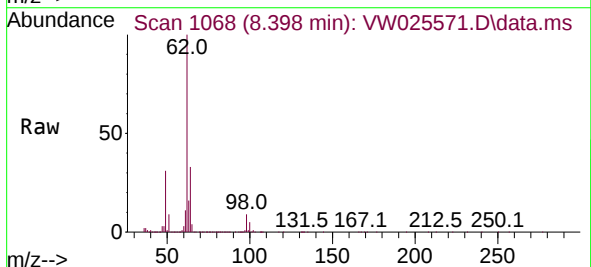
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

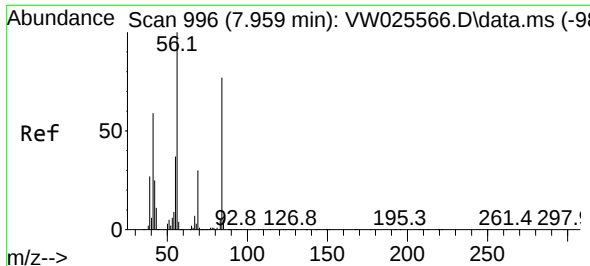
Tgt Ion: 83 Resp: 555661
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 25.160 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 62 Resp: 364133
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0





#29

Cyclohexane

Concen: 25.246 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

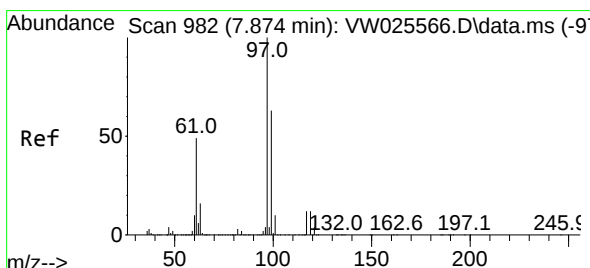
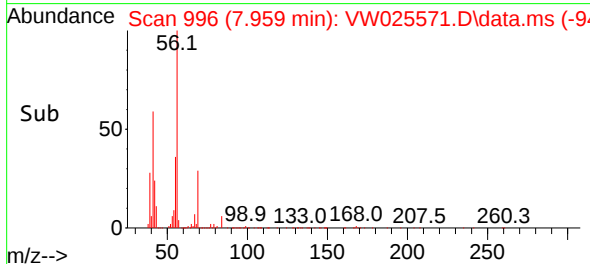
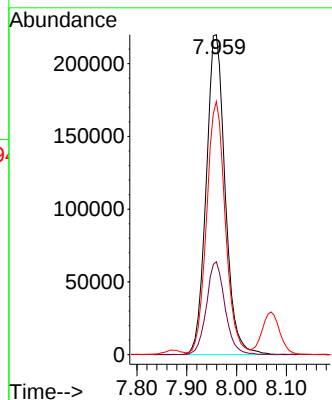
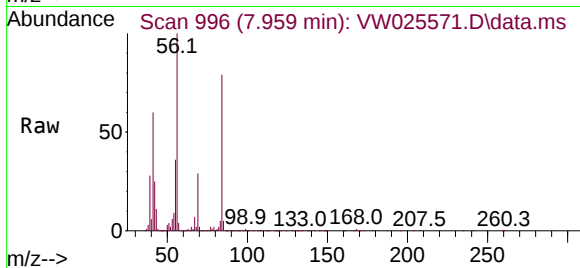
Tgt Ion: 56 Resp: 580384

Ion Ratio Lower Upper

56 100

69 28.5 22.7 34.1

84 78.4 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 25.445 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

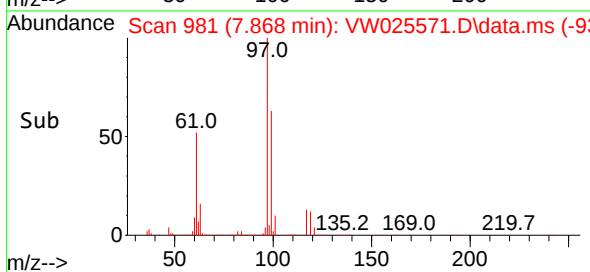
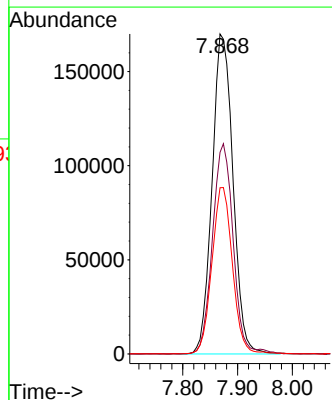
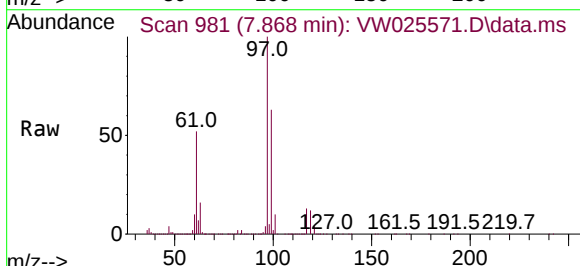
Tgt Ion: 97 Resp: 449068

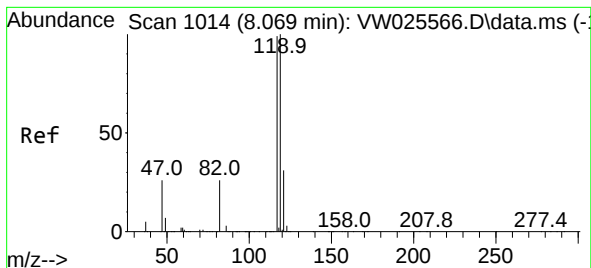
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 50.7 40.5 60.7





#31

Carbon tetrachloride

Concen: 26.162 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

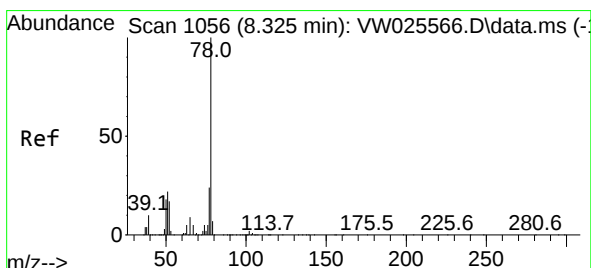
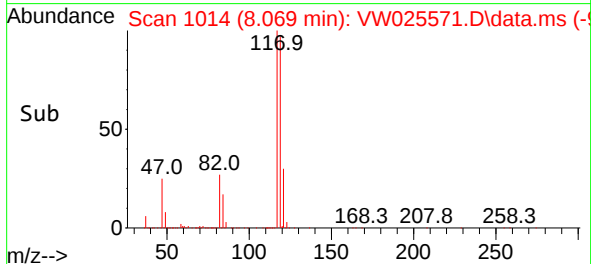
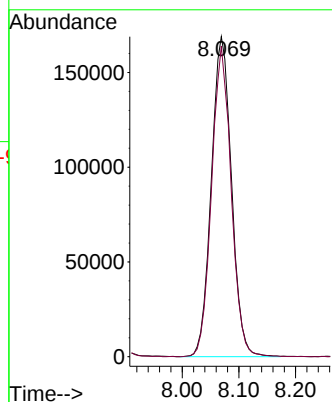
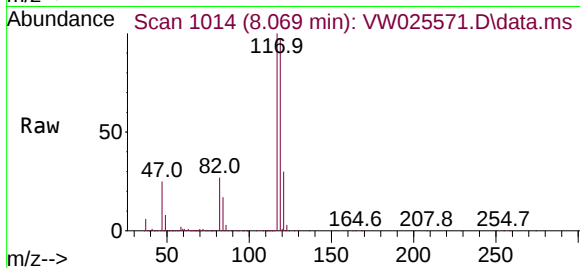
VSTD025569

Tgt Ion:117 Resp: 416974

Ion Ratio Lower Upper

117 100

119 94.1 75.7 113.5



#33

Benzene

Concen: 25.400 ug/L

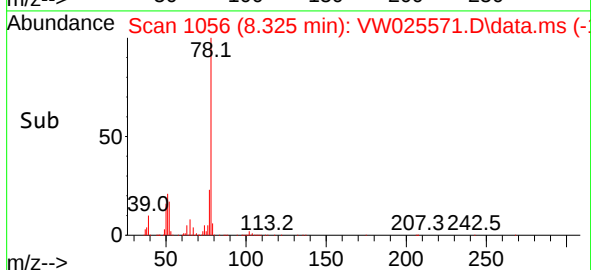
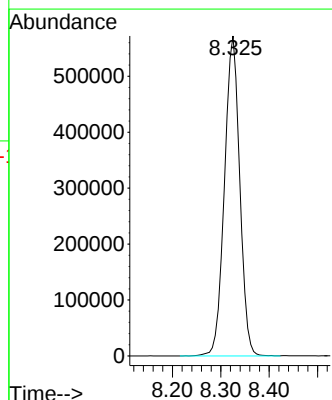
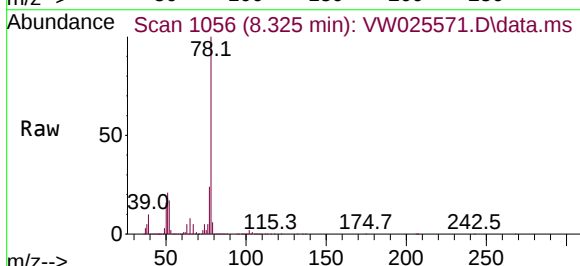
RT: 8.325 min Scan# 1056

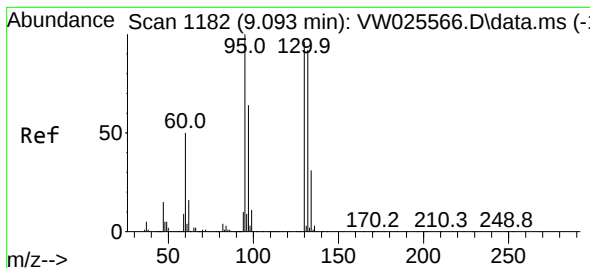
Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Tgt Ion: 78 Resp: 1255757





#34

Trichloroethene

Concen: 24.860 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

Tgt Ion: 95 Resp: 319689

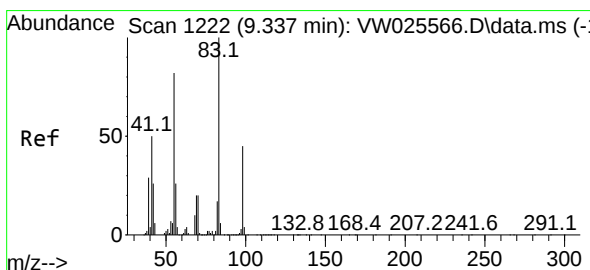
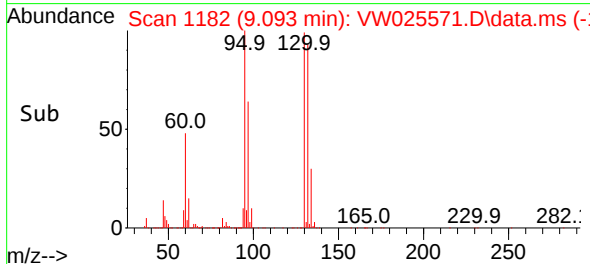
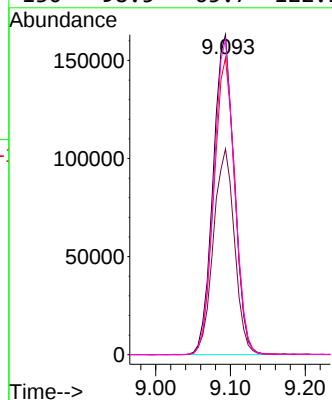
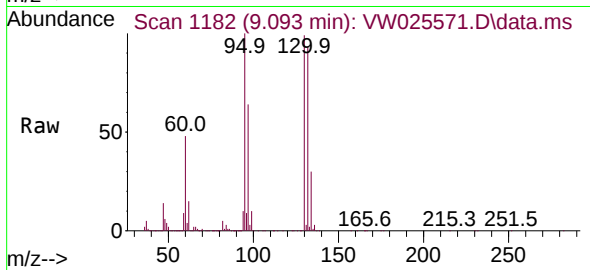
Ion Ratio Lower Upper

95 100

97 64.3 42.5 78.9

132 92.7 59.8 111.1

130 98.5 65.7 122.1



#35

Methylcyclohexane

Concen: 25.135 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

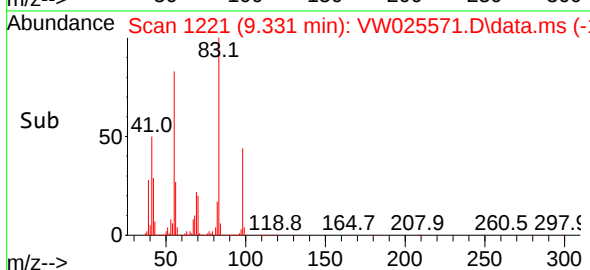
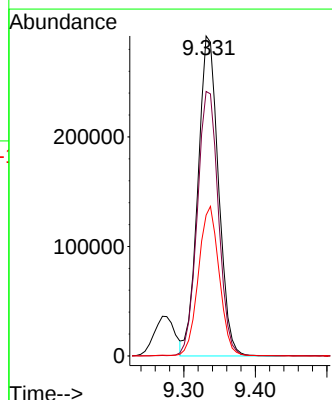
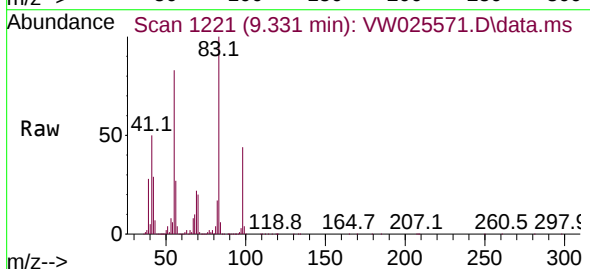
Tgt Ion: 83 Resp: 583658

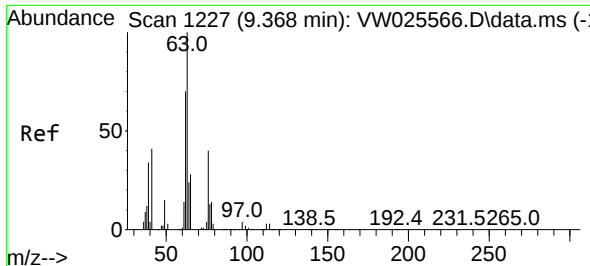
Ion Ratio Lower Upper

83 100

55 84.6 68.7 103.1

98 47.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.571 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

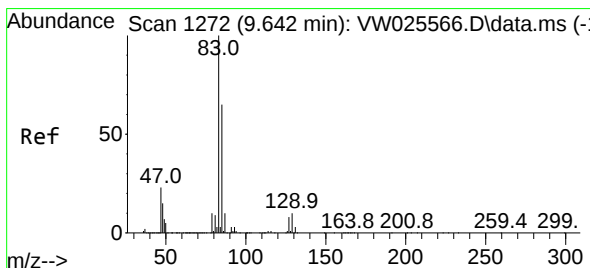
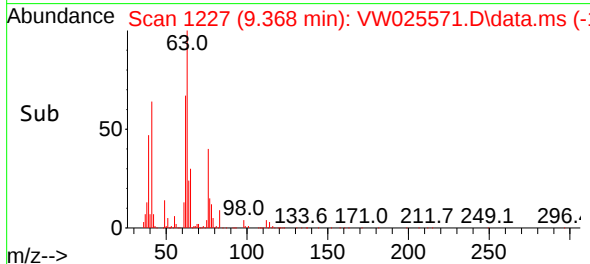
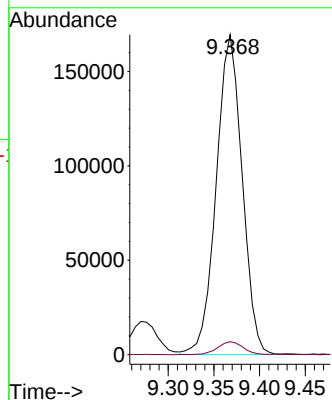
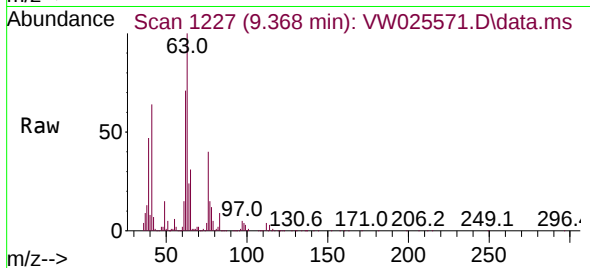
VSTD025569

Tgt Ion: 63 Resp: 333879

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 25.861 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

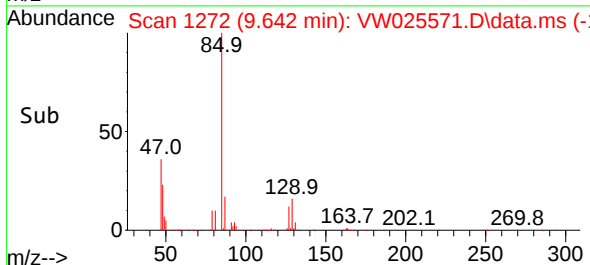
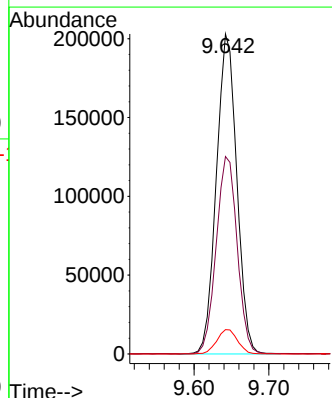
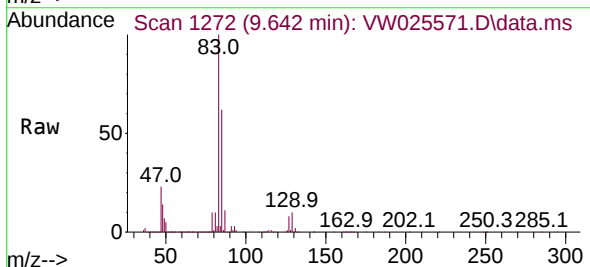
Tgt Ion: 83 Resp: 386336

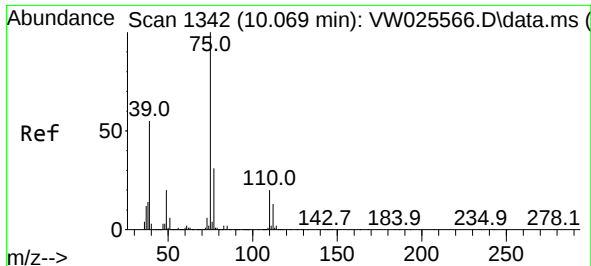
Ion Ratio Lower Upper

83 100

85 61.7 43.5 80.7

127 7.6 5.8 8.8

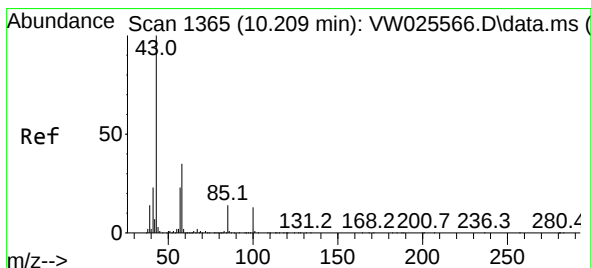
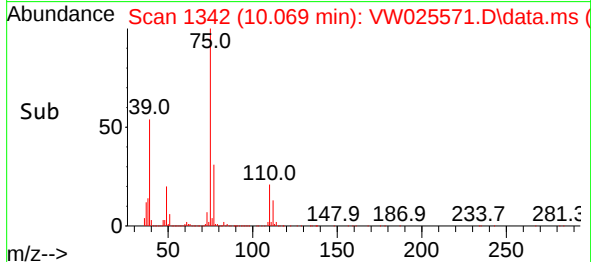
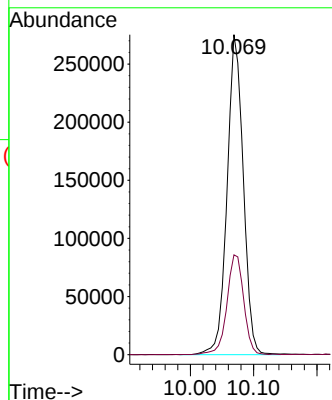
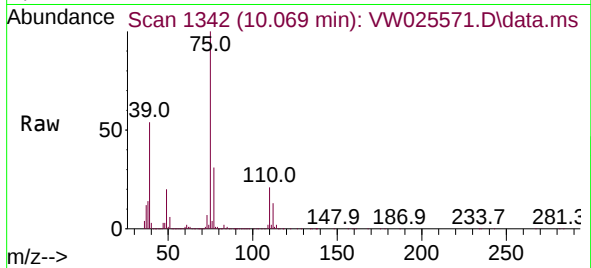




#39
 cis-1,3-Dichloropropene
 Concen: 26.103 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

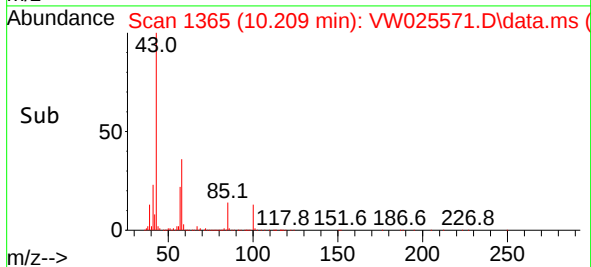
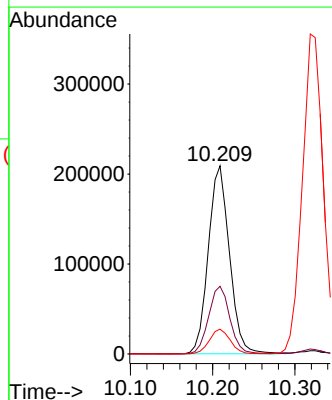
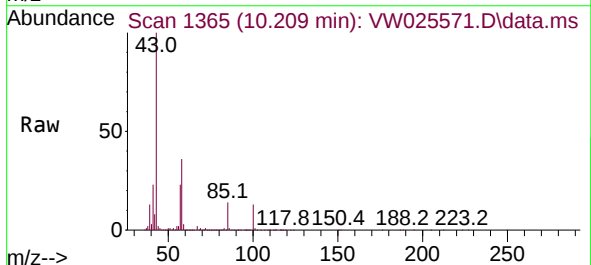
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

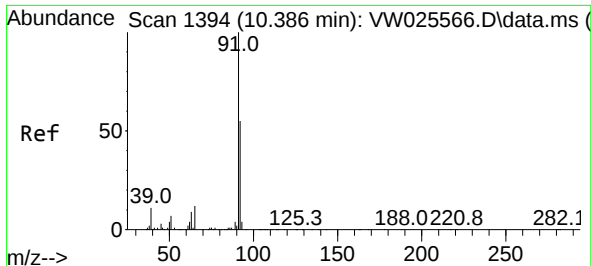
Tgt Ion: 75 Resp: 488888
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 50.538 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

Tgt Ion: 43 Resp: 373501
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.2 43.8
 100 13.0 10.2 15.4

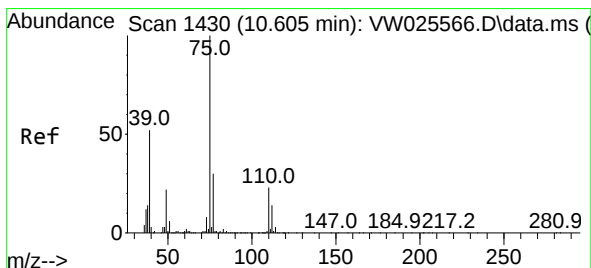
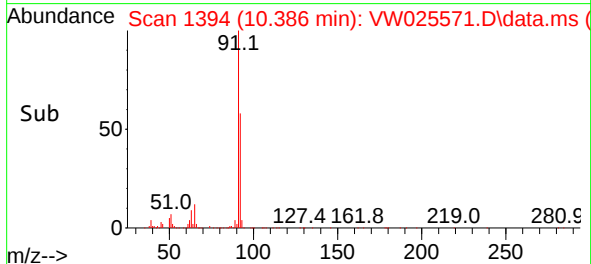
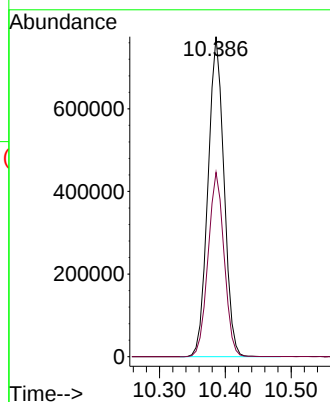
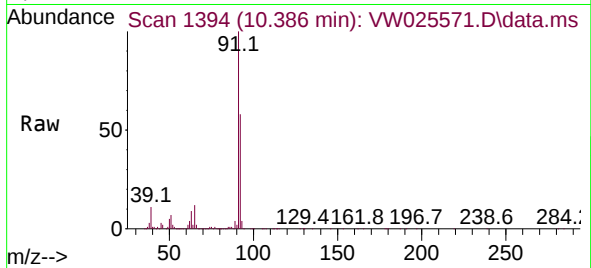




#42
Toluene
Concen: 26.016 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

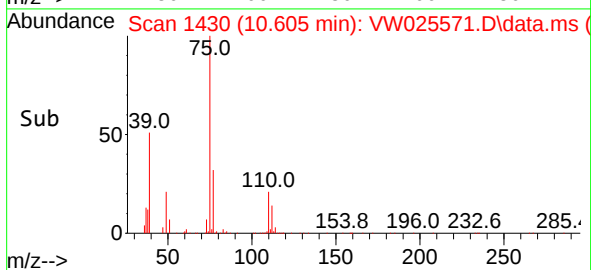
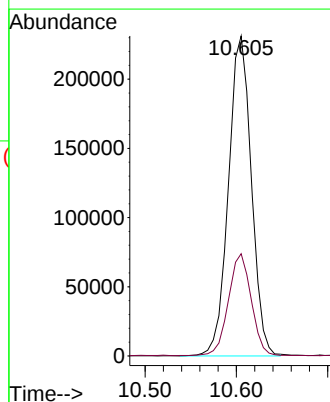
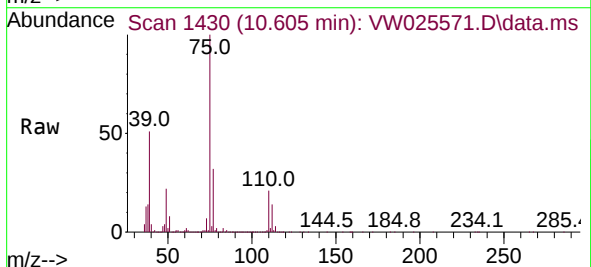
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

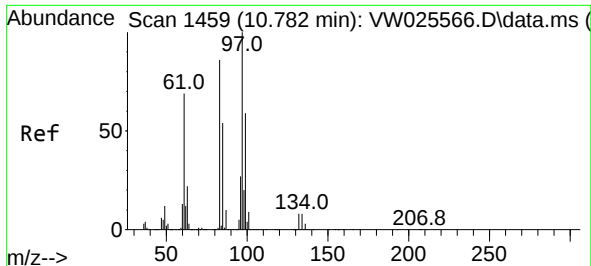
Tgt Ion: 91 Resp: 1309701
Ion Ratio Lower Upper
91 100
92 57.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 26.089 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 75 Resp: 402920
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.9

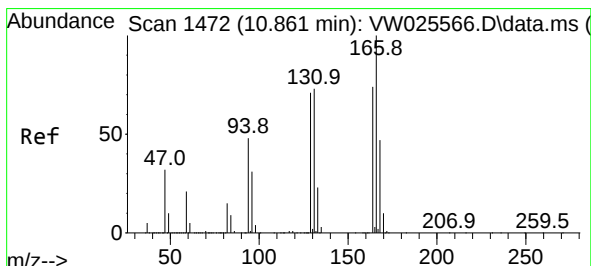
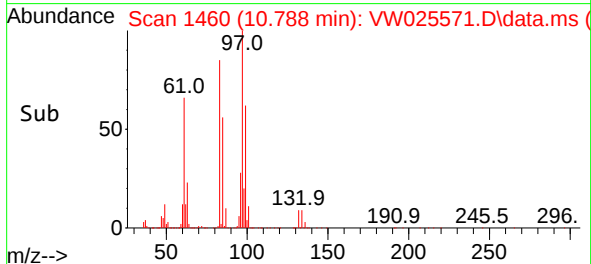
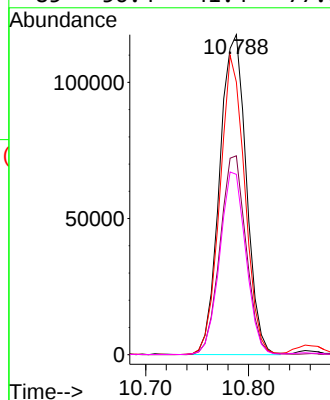
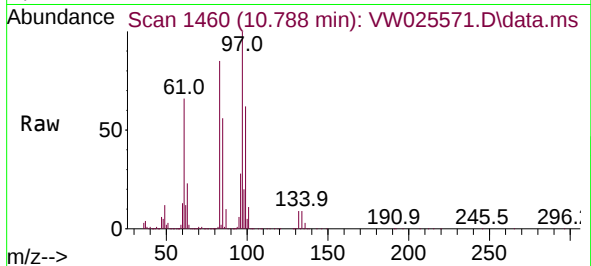




#45
1,1,2-Trichloroethane
Concen: 25.390 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

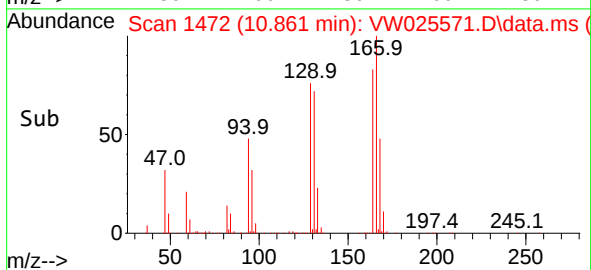
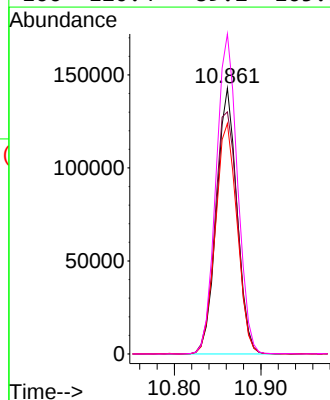
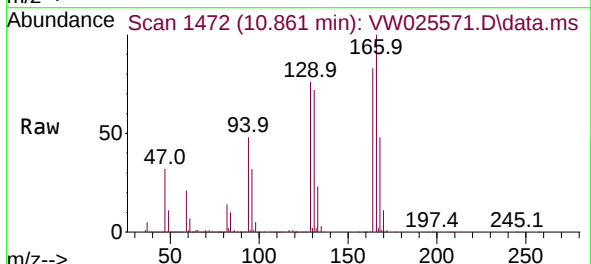
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

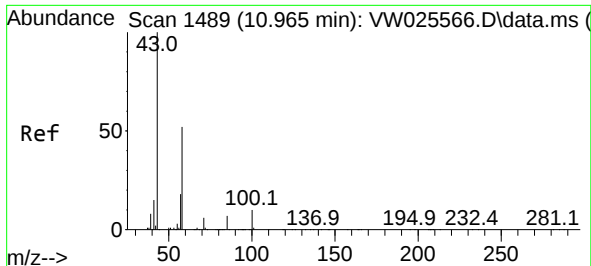
Tgt Ion: 97	Resp: 211383
Ion Ratio	Lower Upper
97 100	
99 62.2	43.8 81.3
83 85.2	61.8 114.8
85 56.4	41.4 77.0



#46
Tetrachloroethene
Concen: 25.952 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt	Ion:164	Resp:	234716
Ion	Ratio	Lower	Upper
164	100		
129	91.0	76.9	142.9
131	86.7	70.5	130.9
166	120.4	89.2	165.8



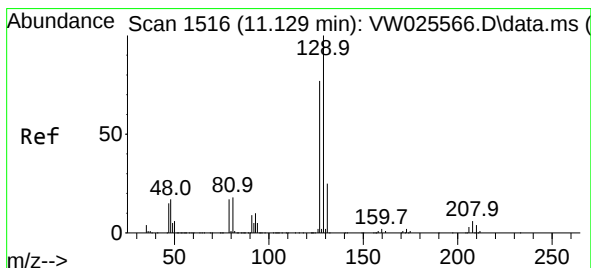
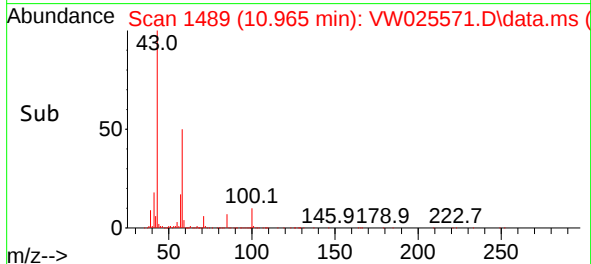
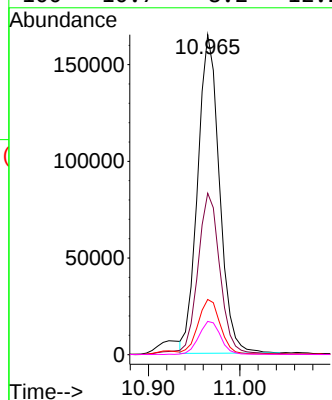
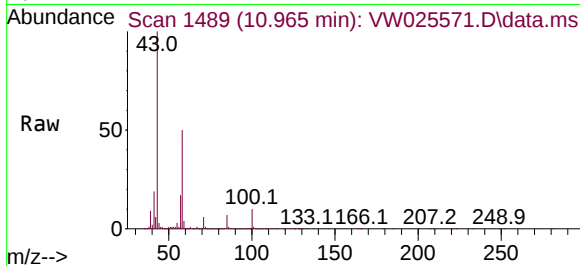


#48
2-Hexanone
Concen: 53.416 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Tgt Ion: 43 Resp: 272762

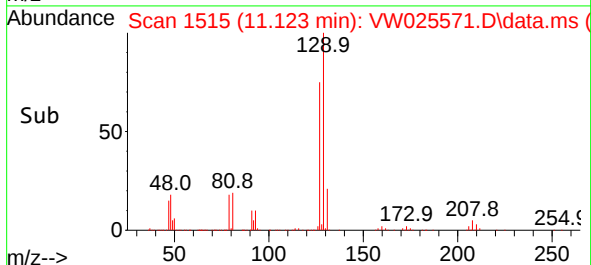
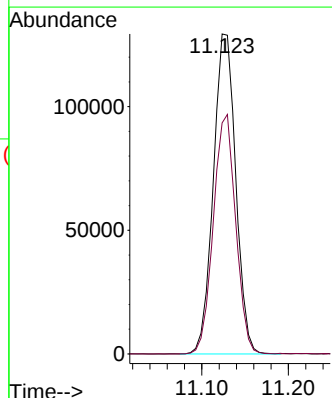
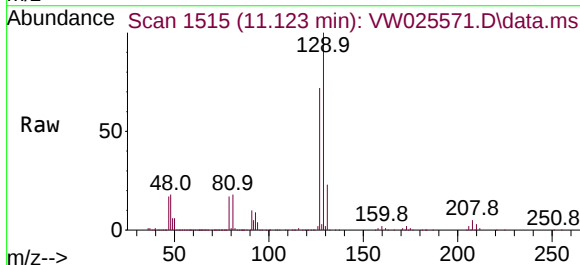
Ion	Ratio	Lower	Upper
43	100		
58	52.4	38.6	57.8
57	17.9	13.9	20.9
100	10.7	8.2	12.2

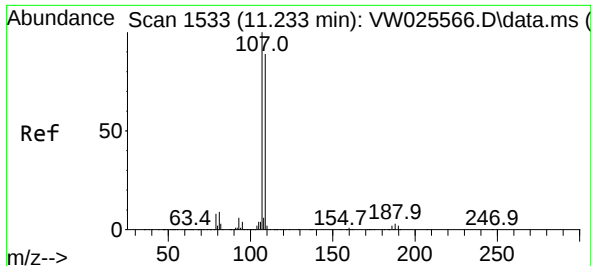


#49
Dibromochloromethane
Concen: 26.572 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 129 Resp: 232914

Ion	Ratio	Lower	Upper
129	100		
127	72.2	54.0	100.2





#50

1,2-Dibromoethane

Concen: 25.236 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

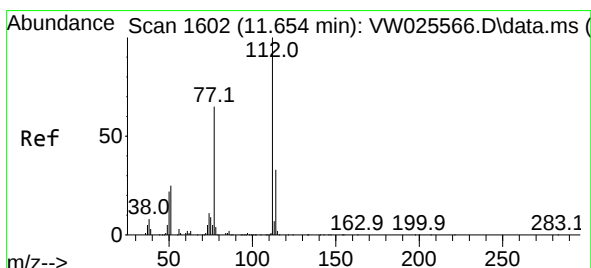
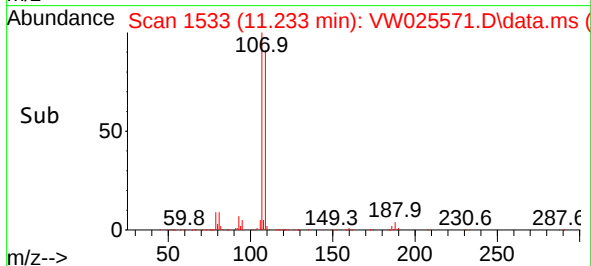
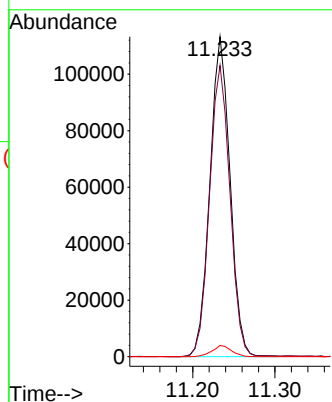
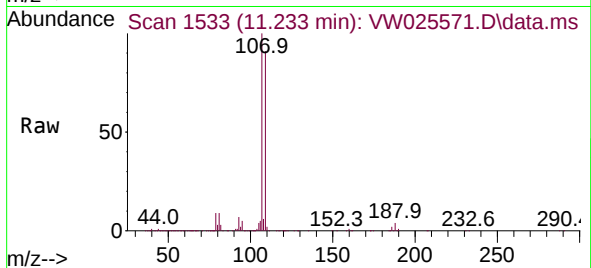
Tgt Ion:107 Resp: 193044

Ion Ratio Lower Upper

107 100

109 91.0 64.1 119.1

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 25.126 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

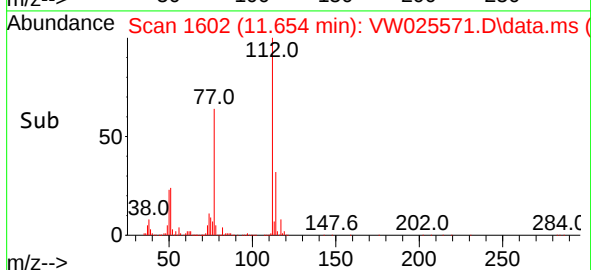
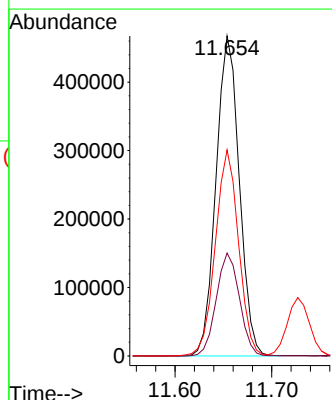
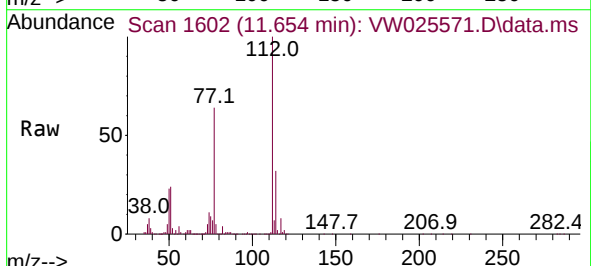
Tgt Ion:112 Resp: 779444

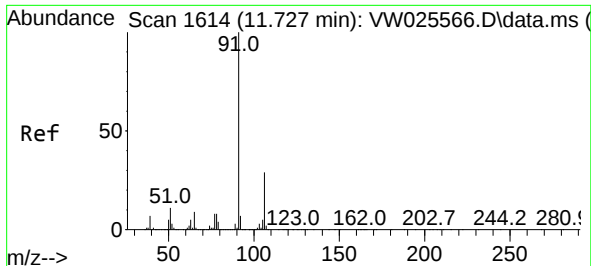
Ion Ratio Lower Upper

112 100

114 32.1 21.6 40.2

77 64.4 50.2 75.2

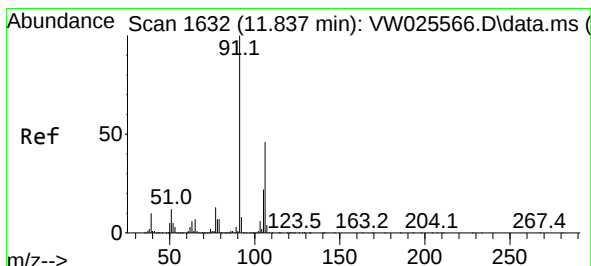
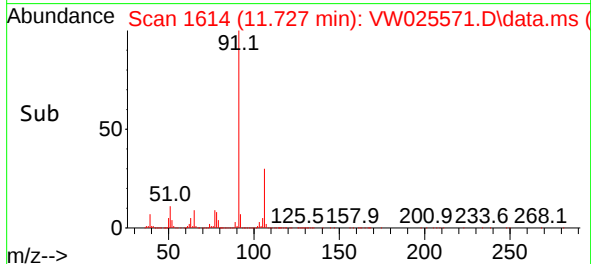
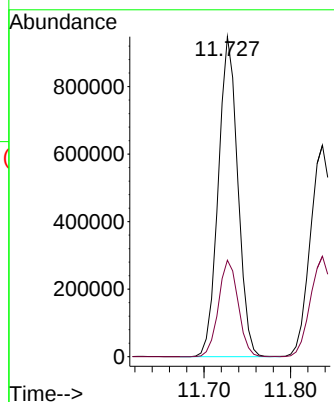
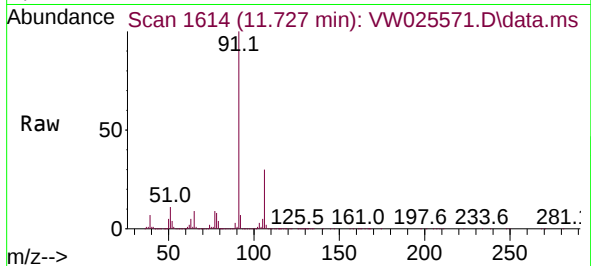




#52
Ethylbenzene
Concen: 26.005 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

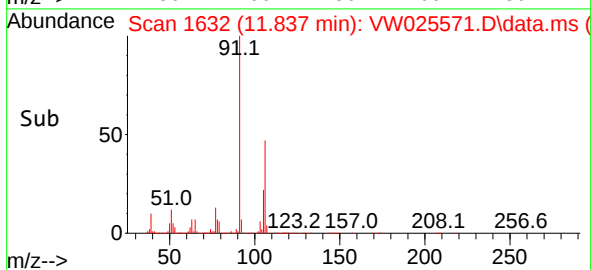
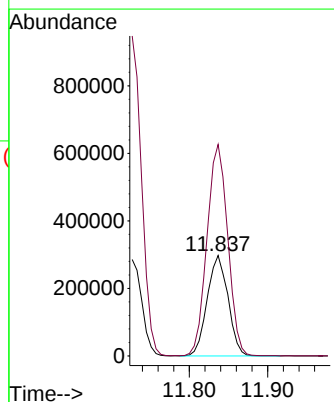
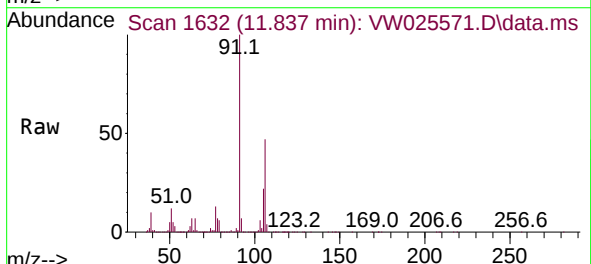
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

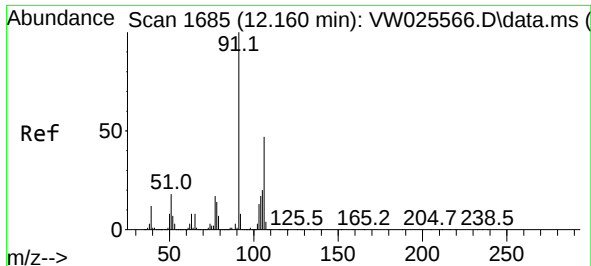
Tgt Ion: 91 Resp: 1481478
Ion Ratio Lower Upper
91 100
106 30.1 20.3 37.7



#53
m,p-Xylene
Concen: 26.190 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion:106 Resp: 547151
Ion Ratio Lower Upper
106 100
91 210.6 148.0 274.8

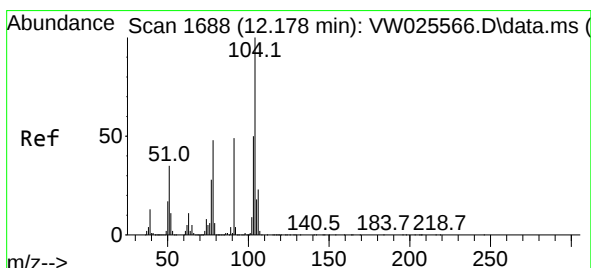
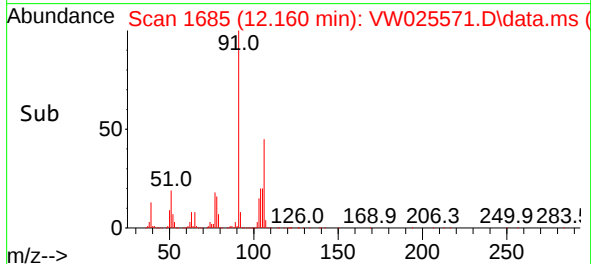
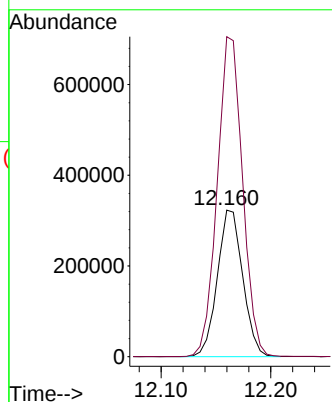
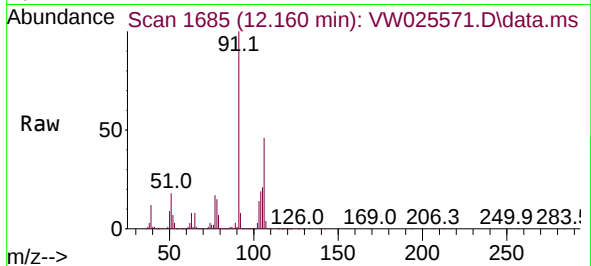




#54
o-Xylene
Concen: 26.603 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

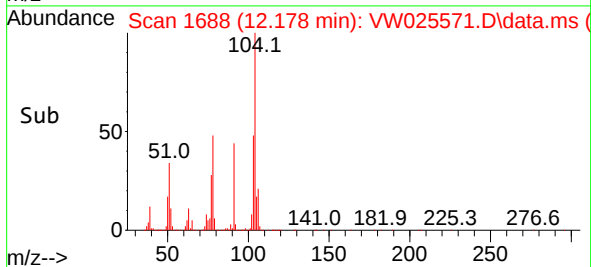
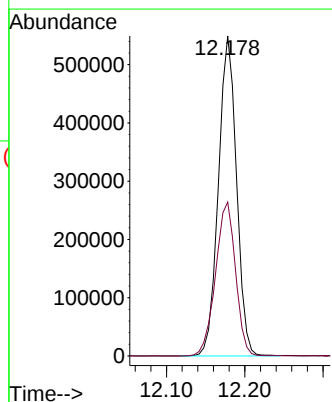
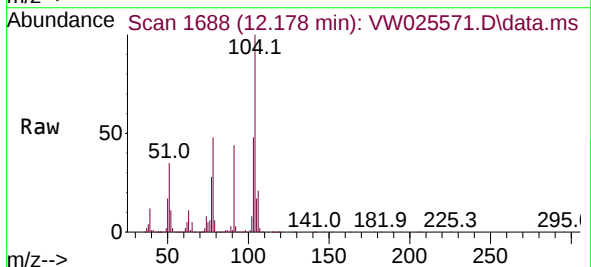
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

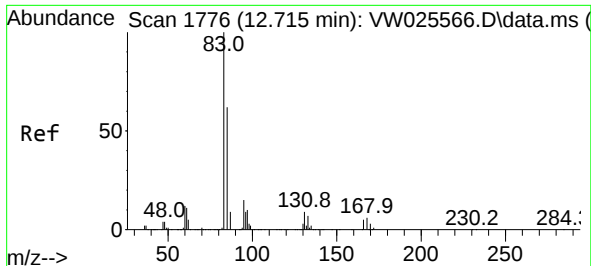
Tgt Ion:106 Resp: 519944
Ion Ratio Lower Upper
106 100
91 218.2 158.2 293.8



#55
Styrene
Concen: 26.852 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion:104 Resp: 883333
Ion Ratio Lower Upper
104 100
78 48.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.090 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

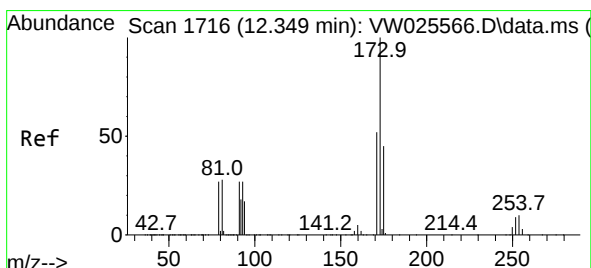
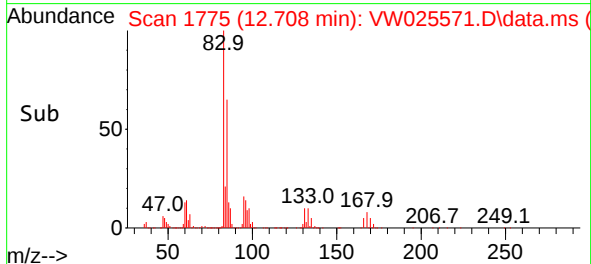
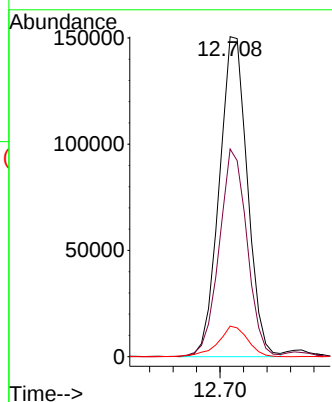
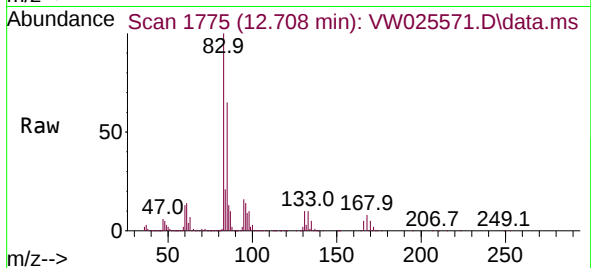
Tgt Ion: 83 Resp: 250203

Ion Ratio Lower Upper

83 100

85 64.9 43.5 80.7

131 9.6 7.0 10.4



#59

Bromoform

Concen: 25.604 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

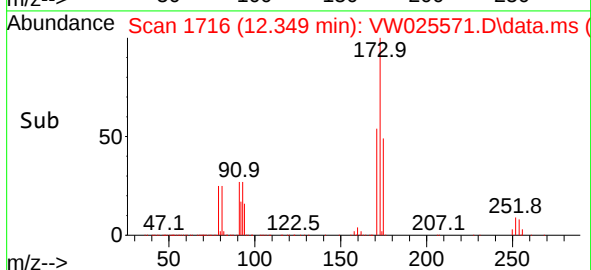
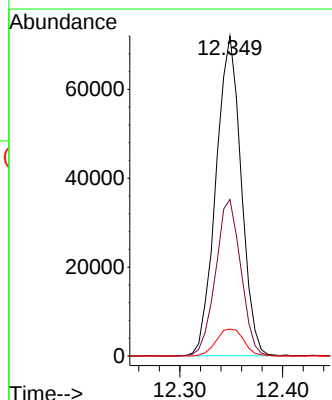
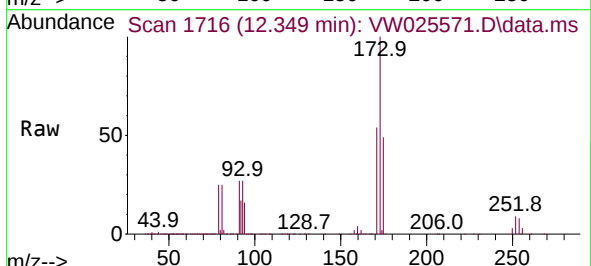
Tgt Ion:173 Resp: 122670

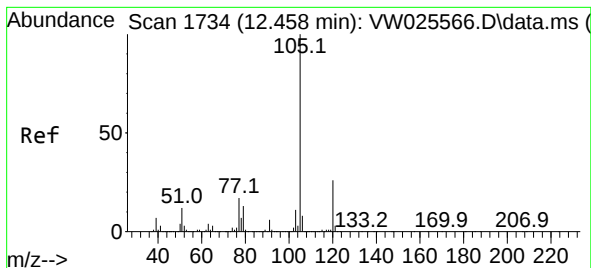
Ion Ratio Lower Upper

173 100

175 49.0 36.1 54.1

254 9.2 7.0 10.6





#60

Isopropylbenzene

Concen: 26.476 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

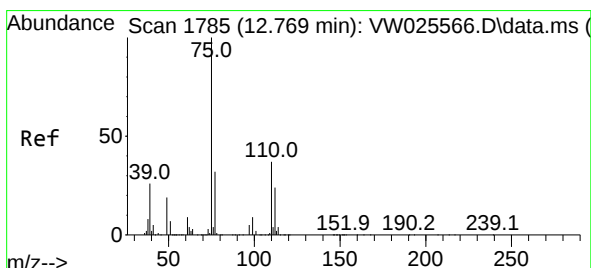
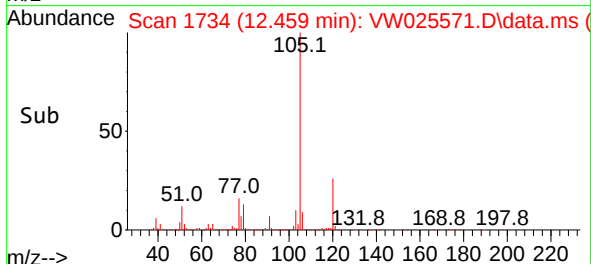
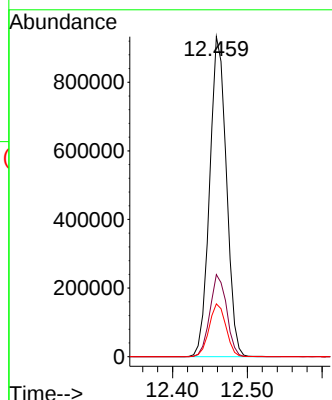
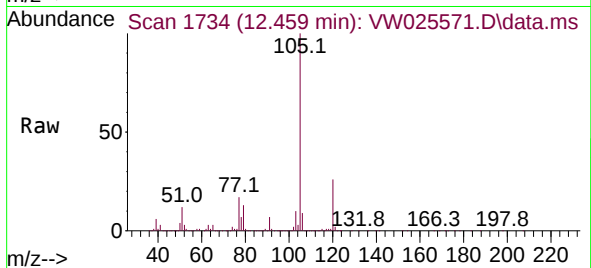
Tgt Ion:105 Resp: 1450053

Ion Ratio Lower Upper

105 100

120 25.6 20.1 30.1

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 24.902 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

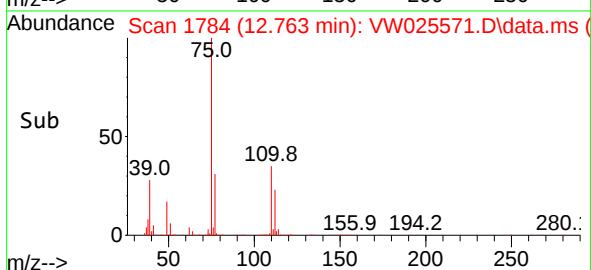
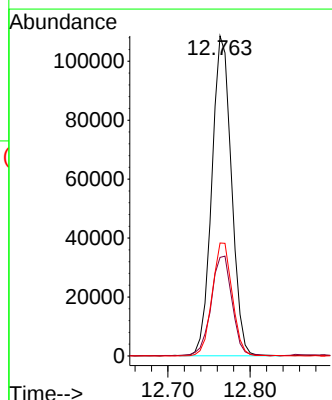
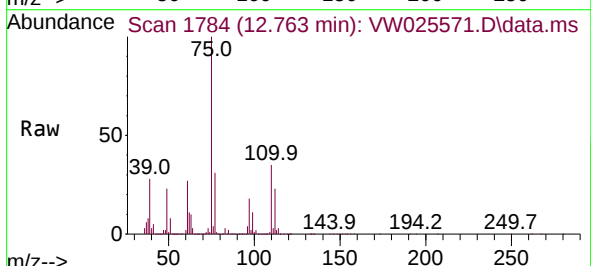
Tgt Ion: 75 Resp: 180452

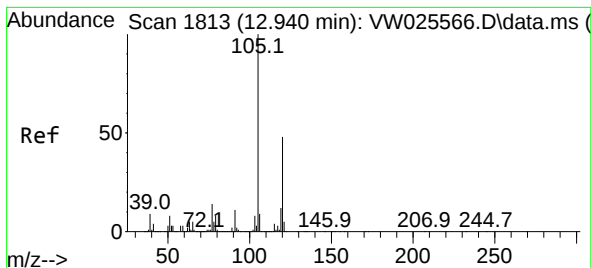
Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2

110 36.0 29.0 43.6

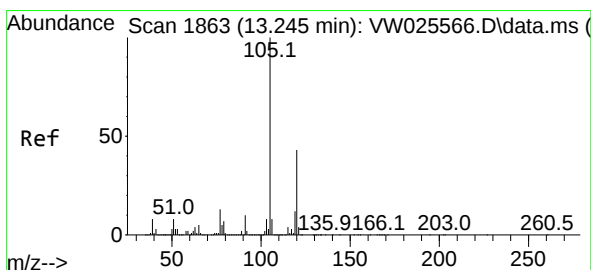
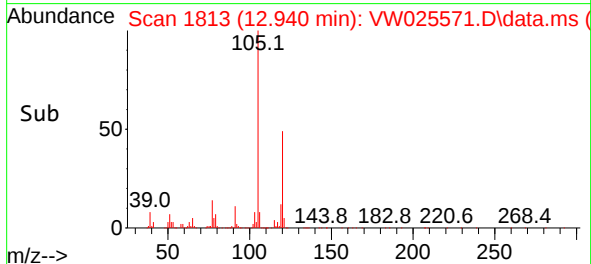
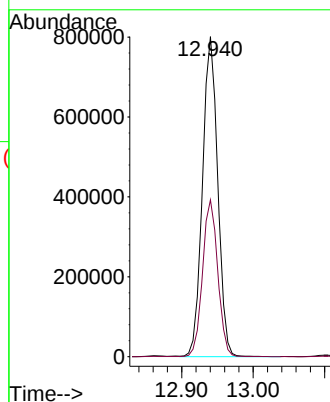
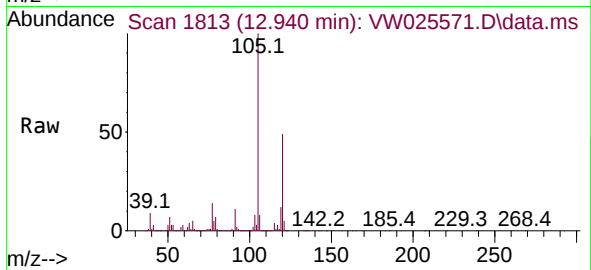




#62
 1,3,5-Trimethylbenzene
 Concen: 27.430 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

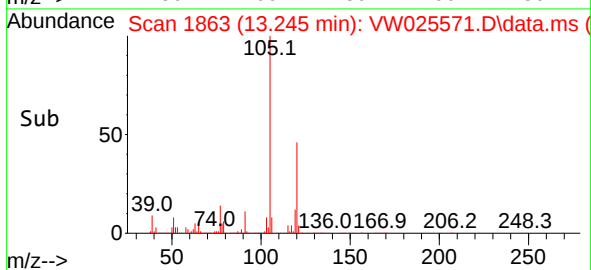
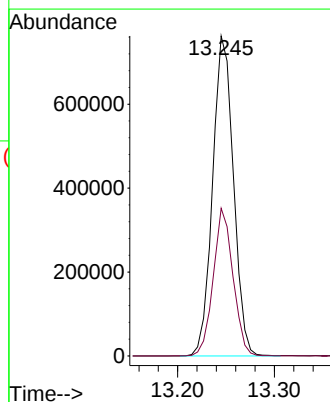
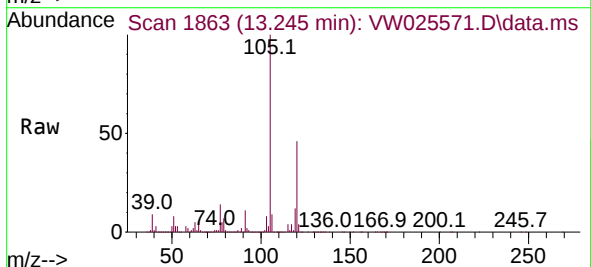
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

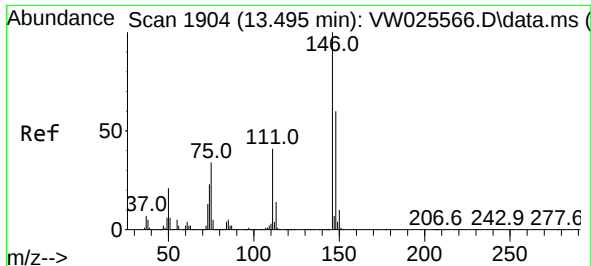
Tgt Ion:105 Resp: 1185946
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 27.376 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW025571.D
 Acq: 18 Apr 2023 13:24

Tgt Ion:105 Resp: 1139680
 Ion Ratio Lower Upper
 105 100
 120 43.9 34.8 52.2

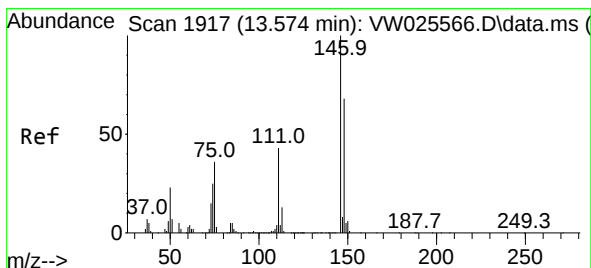
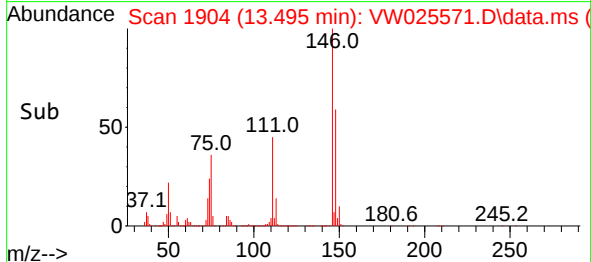
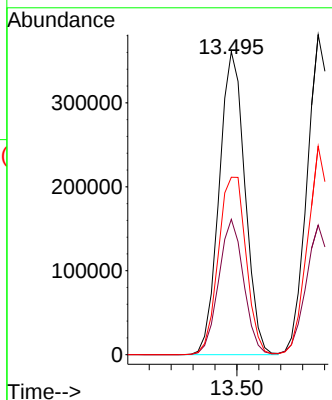
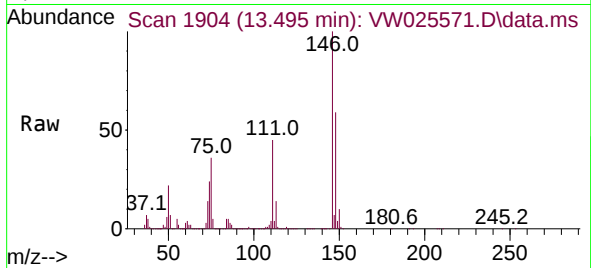




#64
1,3-Dichlorobenzene
Concen: 26.013 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

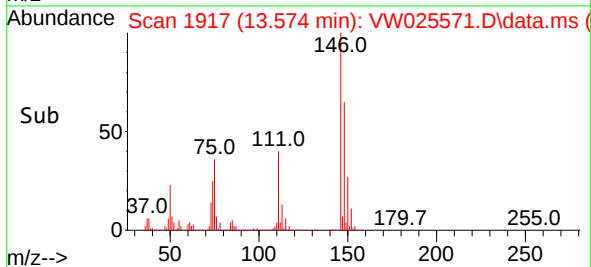
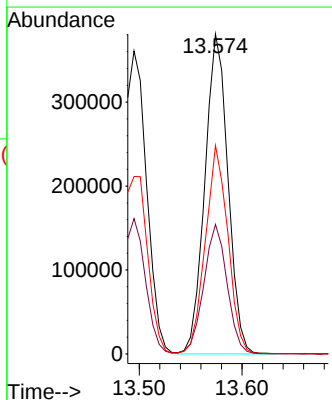
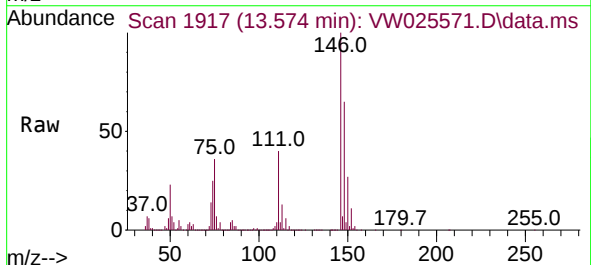
Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

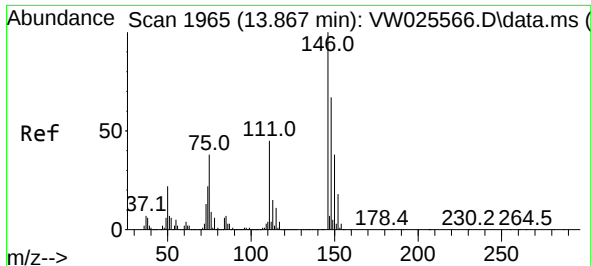
Tgt Ion:146 Resp: 590410
Ion Ratio Lower Upper
146 100
111 44.7 29.7 55.1
148 58.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 25.735 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025571.D
Acq: 18 Apr 2023 13:24

Tgt Ion:146 Resp: 596519
Ion Ratio Lower Upper
146 100
111 40.5 30.4 56.5
148 65.1 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 25.007 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

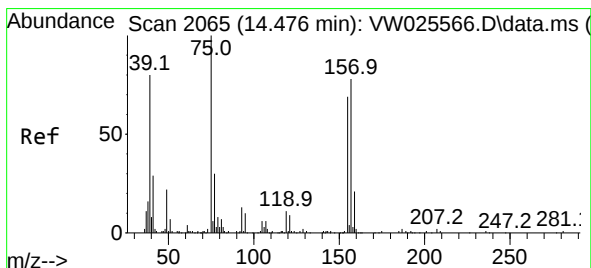
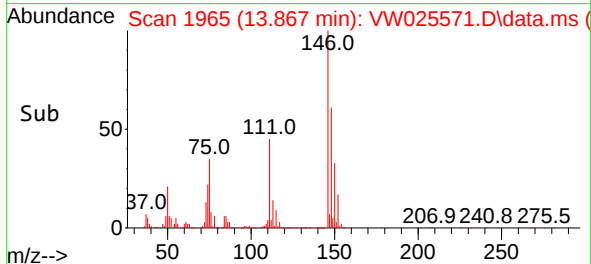
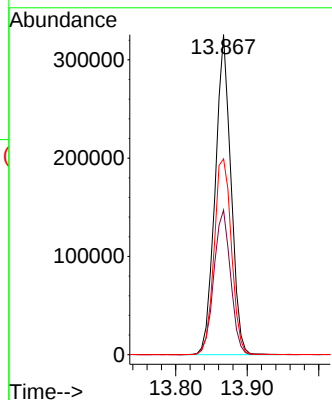
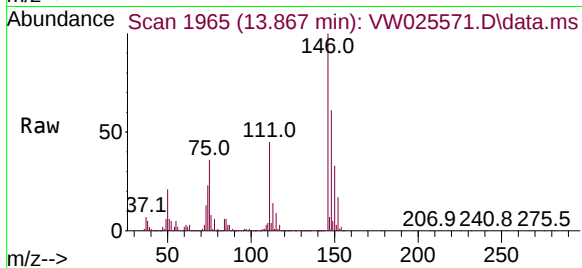
Tgt Ion:146 Resp: 497577

Ion Ratio Lower Upper

146 100

111 45.2 35.3 52.9

148 61.2 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 24.513 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

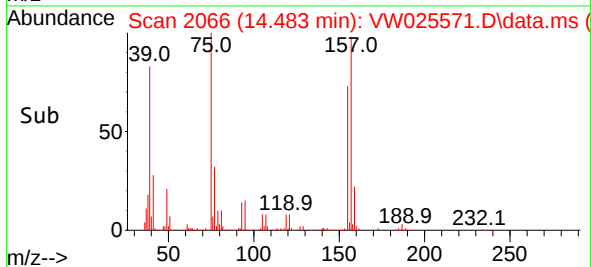
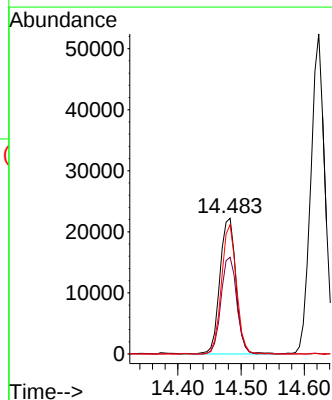
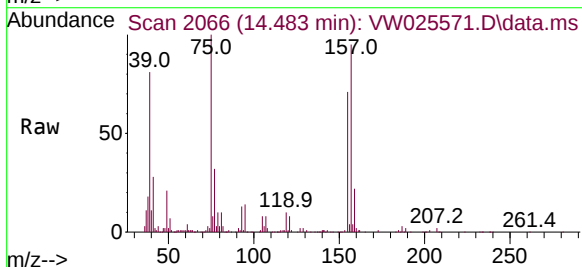
Tgt Ion: 75 Resp: 38967

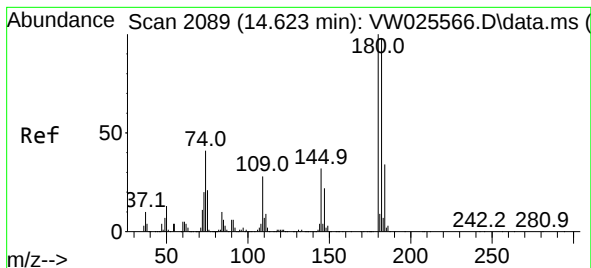
Ion Ratio Lower Upper

75 100

155 71.2 61.1 91.7

157 95.2 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 26.116 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

Tgt Ion:180 Resp: 396847

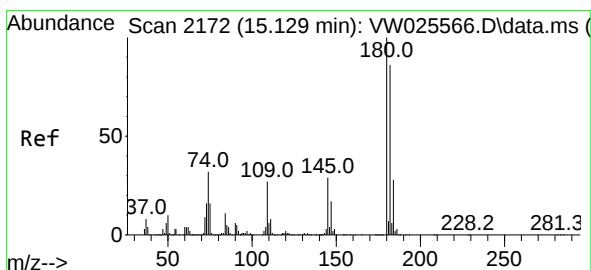
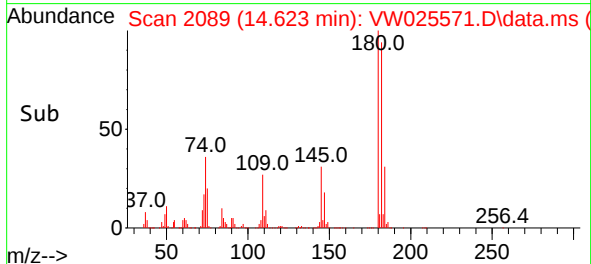
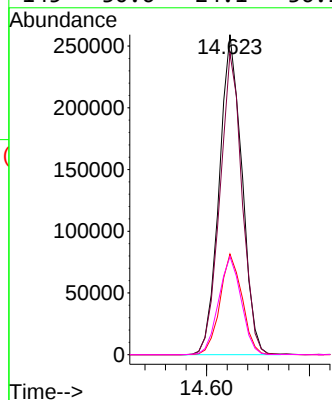
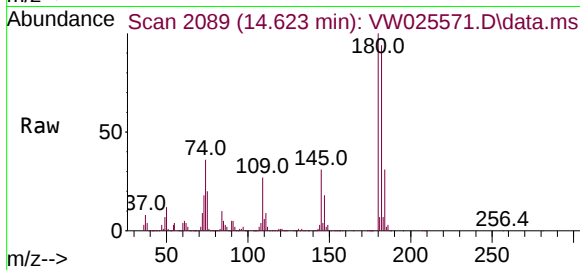
Ion Ratio Lower Upper

180 100

182 92.2 76.4 114.6

184 30.7 24.1 36.1

145 30.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 25.496 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

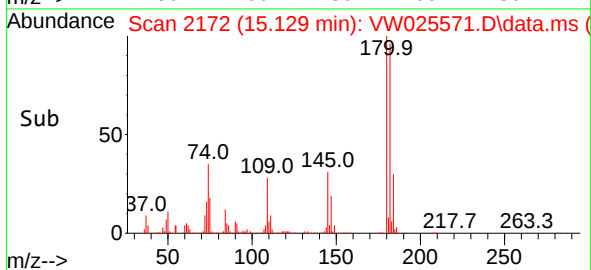
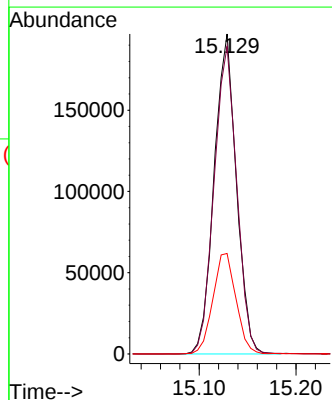
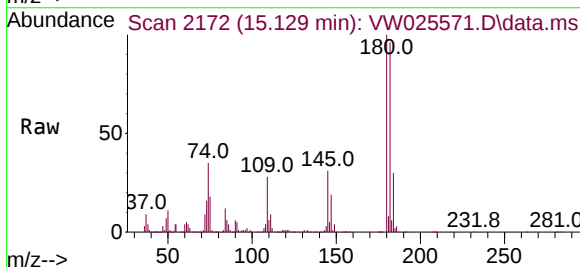
Tgt Ion:180 Resp: 314721

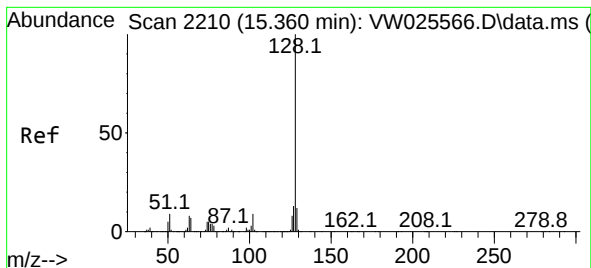
Ion Ratio Lower Upper

180 100

182 97.8 79.5 119.3

145 32.7 27.4 41.0





#71

Naphthalene

Concen: 25.984 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025569

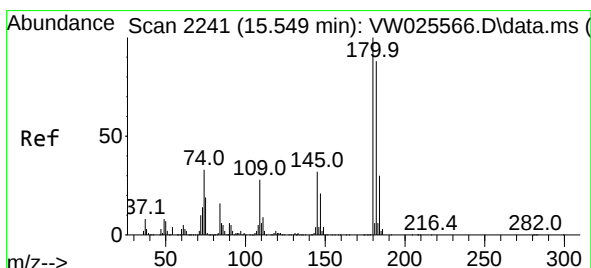
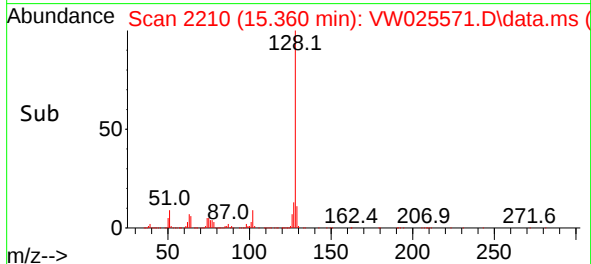
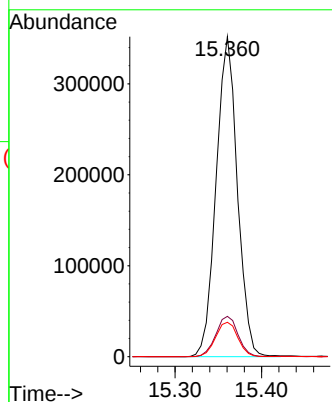
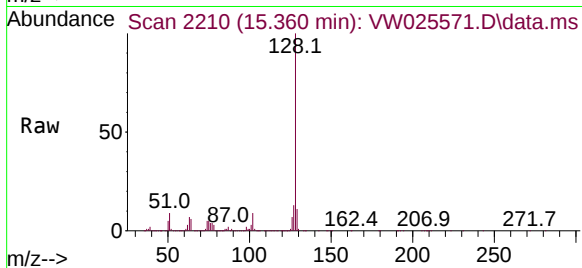
Tgt Ion:128 Resp: 598494

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.3 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.094 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025571.D

Acq: 18 Apr 2023 13:24

Tgt Ion:180 Resp: 281626

Ion Ratio Lower Upper

180 100

182 95.1 72.9 109.3

145 34.2 27.0 40.6

