

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026520.D
 Acq On : 05 Jul 2023 08:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Jul 06 02:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	783164	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	701316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	341324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	295049	25.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.200%
7) Chloroethane-d5	2.893	69	216451	22.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
11) 1,1-Dichloroethene-d2	4.021	65	136996	24.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.760%
21) 2-Butanone-d5	7.075	46	169366	37.595	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.180%
24) Chloroform-d	7.648	84	525230	22.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	8.307	65	291381	21.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.270	84	1079811	24.149	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.270	67	341299	23.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.319	98	977294	24.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	10.575	79	137245	23.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.960%
47) 2-Hexanone-d5	10.922	63	110893	39.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	258152	20.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.760%
66) 1,2-Dichlorobenzene-d4	13.855	152	280737	20.710	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	199274	22.325	ug/L	90
3) Chloromethane	2.222	50	311959	21.612	ug/L	100
5) Vinyl chloride	2.375	62	336948	23.702	ug/L	98
6) Bromomethane	2.789	94	173137	20.860	ug/L	96
8) Chloroethane	2.936	64	187444	21.889	ug/L	99
9) Trichlorofluoromethane	3.259	101	220718	24.153	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	254910	23.858	ug/L	97
12) 1,1-Dichloroethene	4.045	96	248872	25.183	ug/L	78
13) Acetone	4.118	43	139355	49.875	ug/L	98
14) Carbon disulfide	4.387	76	771210	24.582	ug/L	100
15) Methyl Acetate	4.667	43	149825	21.551	ug/L	99
16) Methylene chloride	4.911	84	278112	19.927	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	259595	23.342	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	446595	22.968	ug/L	99
19) 1,1-Dichloroethane	6.216	63	541457	22.608	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	286449	22.450	ug/L	97
22) 2-Butanone	7.167	43	212316	40.828	ug/L	99
23) Bromochloromethane	7.508	128	117503	22.236	ug/L	95
25) Chloroform	7.673	83	498772	23.239	ug/L	99

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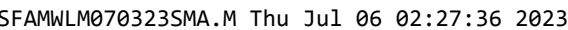
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 ClientSampleId :
 VSTD025548

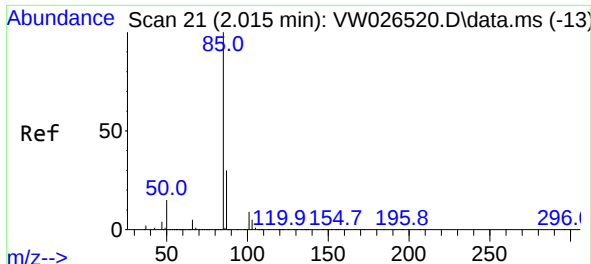
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 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	343260	21.705	ug/L	98
29) Cyclohexane	7.959	56	518450	26.535	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	400906	25.407	ug/L	99
31) Carbon tetrachloride	8.069	117	358458	25.197	ug/L	99
33) Benzene	8.325	78	1121373	24.690	ug/L	100
34) Trichloroethene	9.093	95	287336	24.804	ug/L	94
35) Methylcyclohexane	9.337	83	523475	26.455	ug/L	99
37) 1,2-Dichloropropane	9.368	63	305882	24.583	ug/L	99
38) Bromodichloromethane	9.648	83	347828	23.691	ug/L #	97
39) cis-1,3-Dichloropropene	10.069	75	456337	24.872	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	427134	44.362	ug/L	100
42) Toluene	10.386	91	1161909	25.134	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	380068	24.719	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	202832	22.175	ug/L	97
46) Tetrachloroethene	10.861	164	198696	24.444	ug/L	96
48) 2-Hexanone	10.965	43	312494	46.544	ug/L	99
49) Dibromochloromethane	11.129	129	208627	22.765	ug/L	96
50) 1,2-Dibromoethane	11.233	107	192113	22.903	ug/L	94
51) Chlorobenzene	11.654	112	698959	23.132	ug/L	97
52) Ethylbenzene	11.727	91	1305809	23.920	ug/L	98
53) m,p-Xylene	11.837	106	491011	24.599	ug/L	93
54) o-Xylene	12.160	106	470093	24.307	ug/L	98
55) Styrene	12.178	104	785169	23.740	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	259314	21.656	ug/L	96
59) Bromoform	12.349	173	120386	22.484	ug/L	97
60) Isopropylbenzene	12.465	105	1287256	24.589	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	193603	21.771	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1042054	24.142	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1037675	24.991	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	514094	23.082	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	518166	23.332	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	478159	22.790	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	43153	19.243	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	339854	22.940	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	283655	23.471	ug/L	96
71) Naphthalene	15.360	128	615927	22.773	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	256539	23.758	ug/L	98

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

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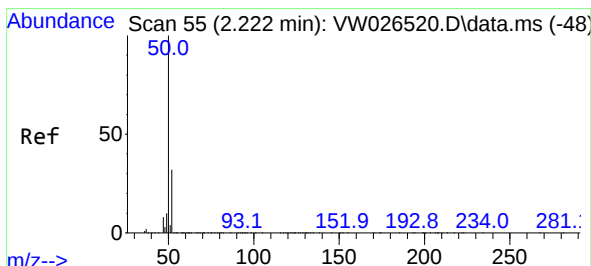
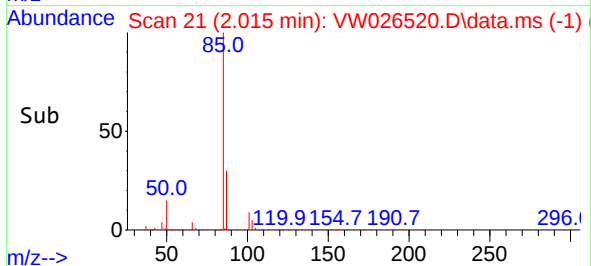
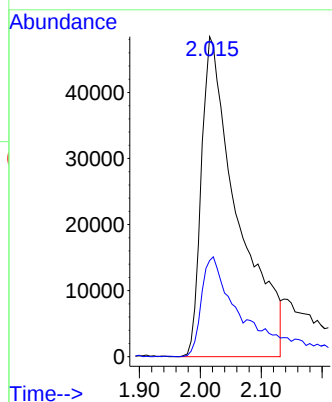
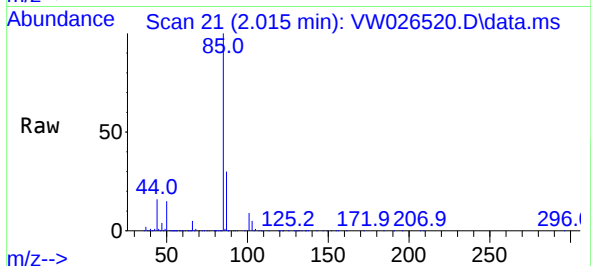




#2
Dichlorodifluoromethane
Concen: 22.325 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

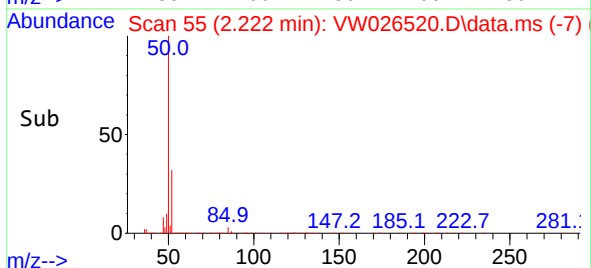
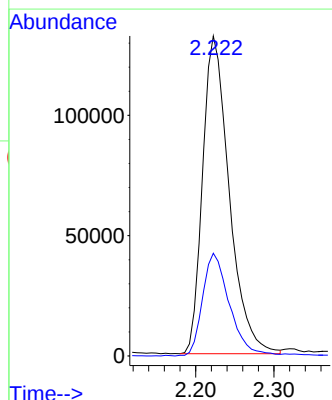
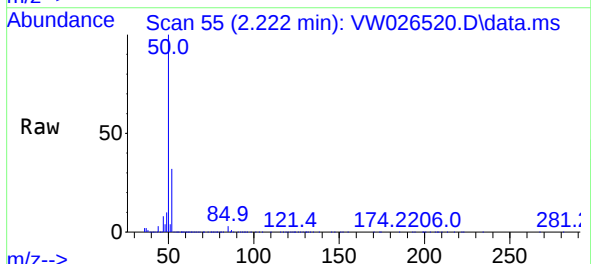
Instrument :
MSVOA_W
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VSTD025548

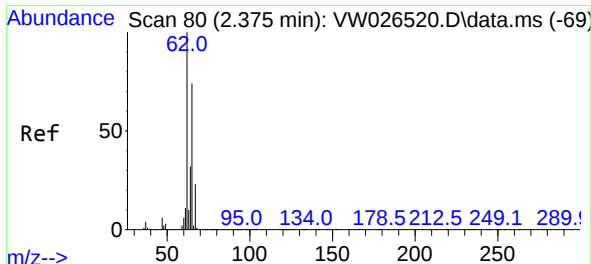
Tgt Ion: 85 Resp: 199274
Ion Ratio Lower Upper
85 100
87 24.3 23.8 35.8



#3
Chloromethane
Concen: 21.612 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 50 Resp: 311959
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.1

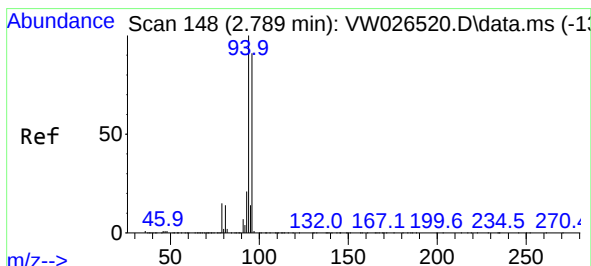
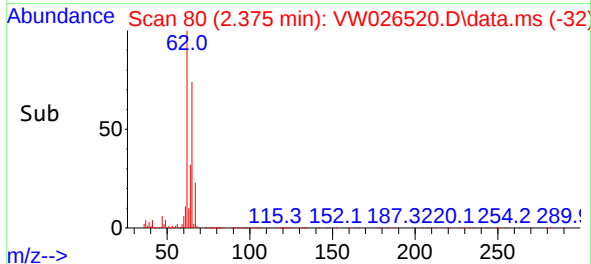
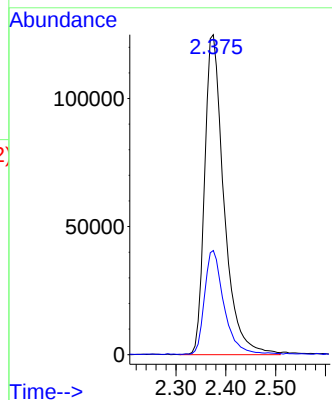
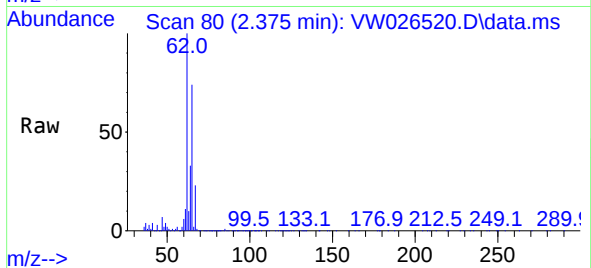




#5
 Vinyl chloride
 Concen: 23.702 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026520.D
 Acq: 05 Jul 2023 08:53

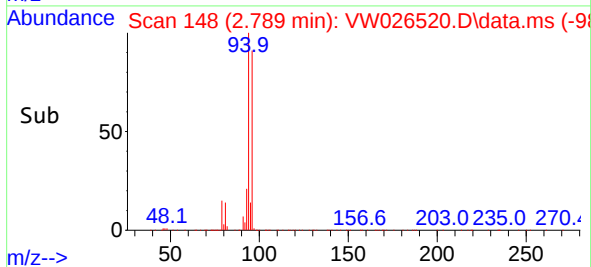
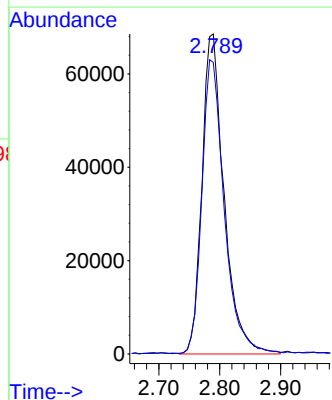
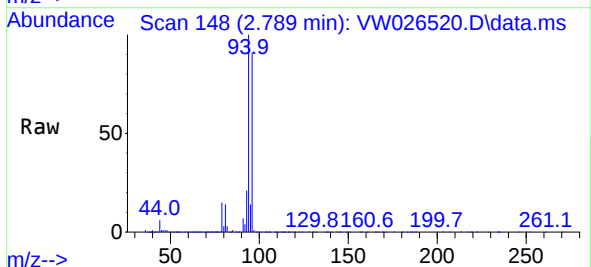
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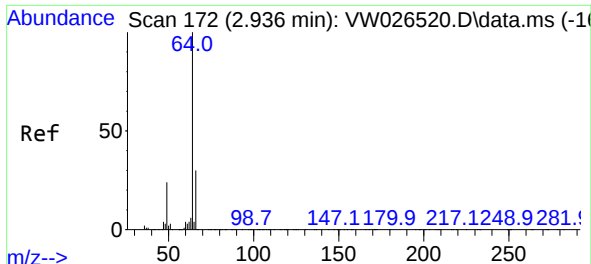
Tgt Ion: 62 Resp: 336948
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.1 41.1



#6
 Bromomethane
 Concen: 20.860 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026520.D
 Acq: 05 Jul 2023 08:53

Tgt Ion: 94 Resp: 173137
 Ion Ratio Lower Upper
 94 100
 96 91.1 66.3 123.1

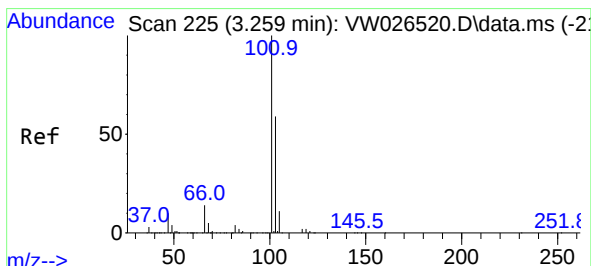
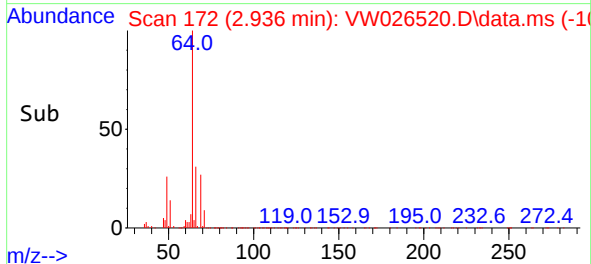
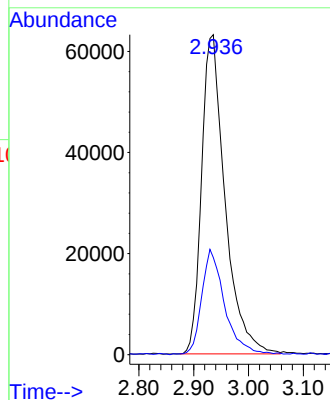
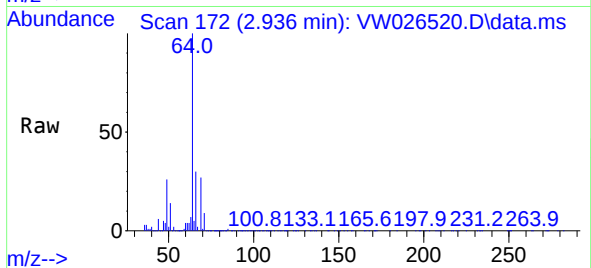




#8
Chloroethane
Concen: 21.889 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

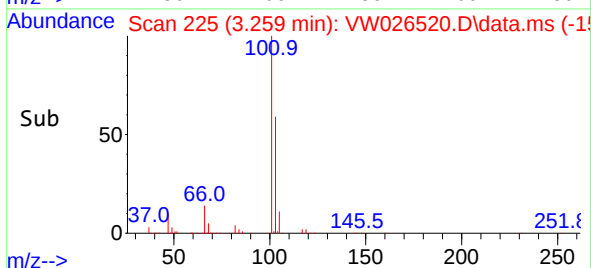
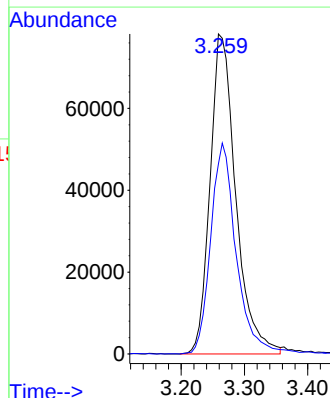
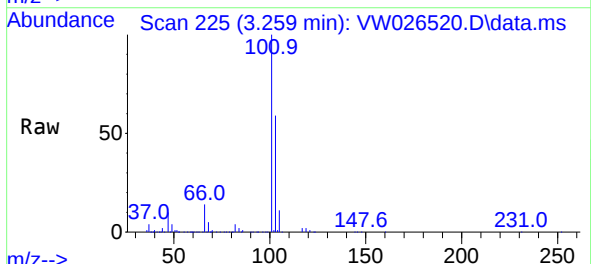
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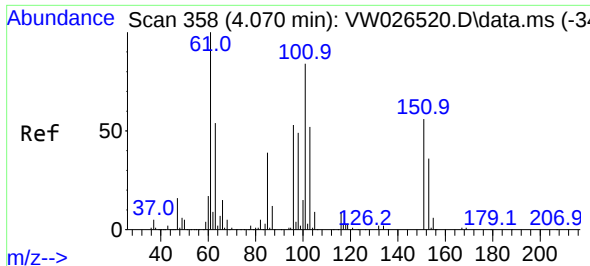
Tgt Ion: 64 Resp: 187444
Ion Ratio Lower Upper
64 100
66 30.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 24.153 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 101 Resp: 220718
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

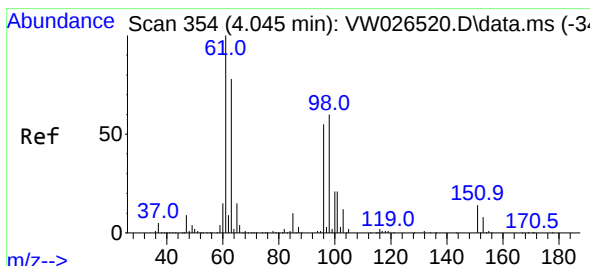
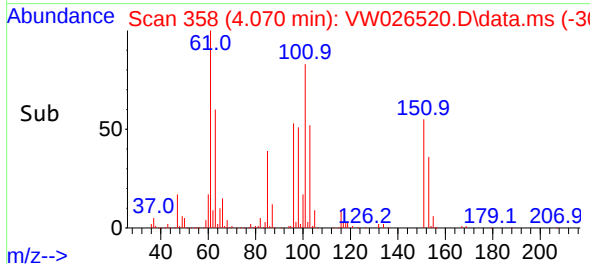
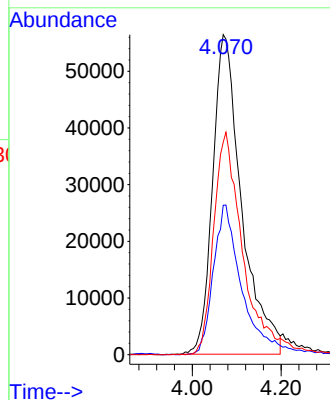
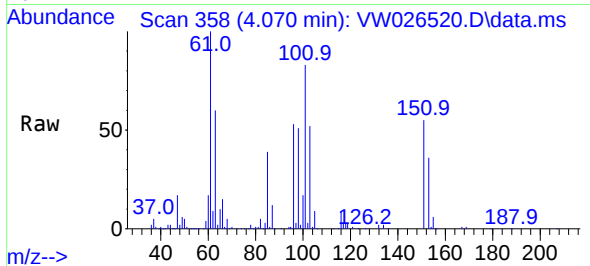




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.858 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW026520.D
 Acq: 05 Jul 2023 08:53

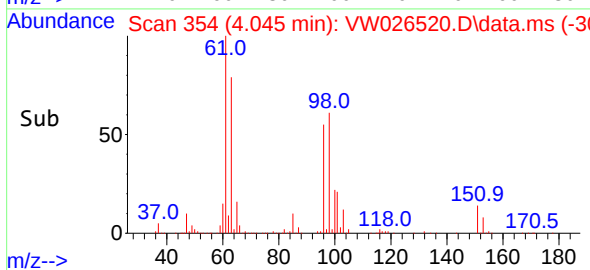
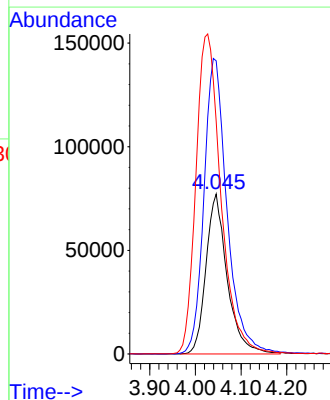
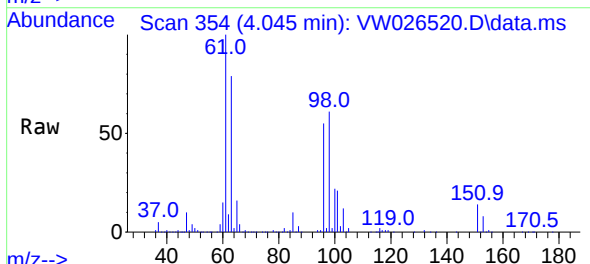
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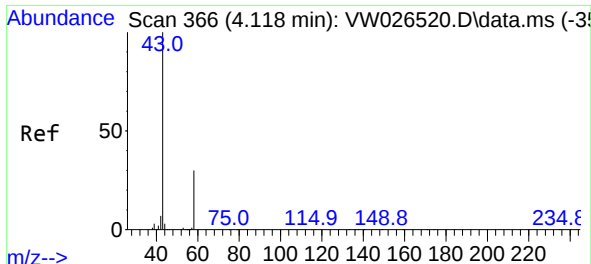
Tgt Ion:101 Resp: 254910
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.4 53.0
 151 65.2 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 25.183 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026520.D
 Acq: 05 Jul 2023 08:53

Tgt Ion: 96 Resp: 248872
 Ion Ratio Lower Upper
 96 100
 61 183.2 142.9 265.5
 63 145.3 132.7 246.5

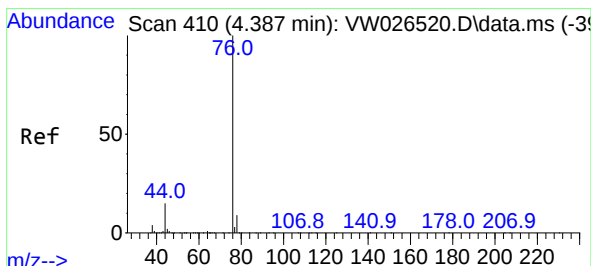
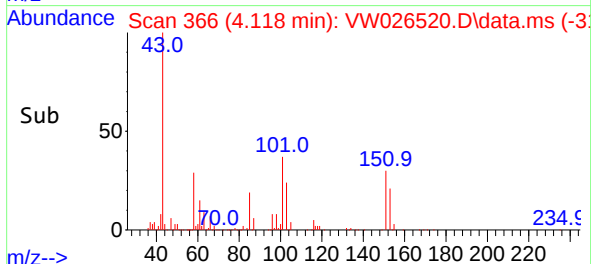
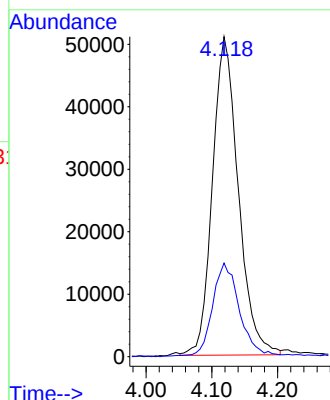
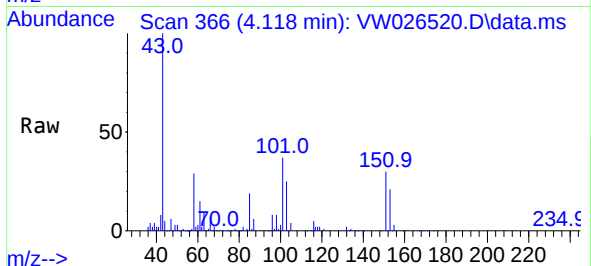




#13
Acetone
Concen: 49.875 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

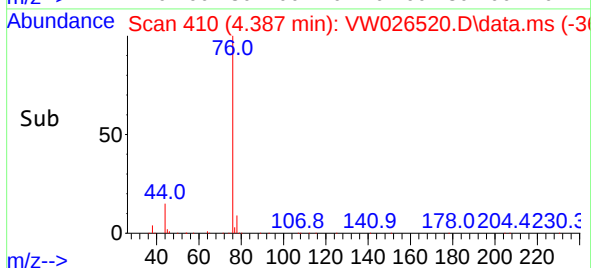
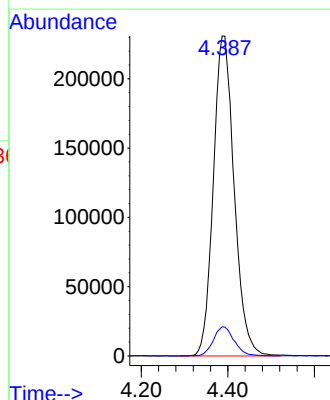
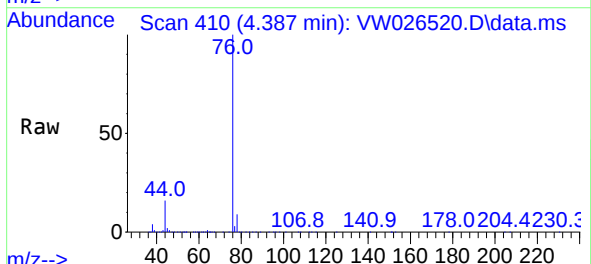
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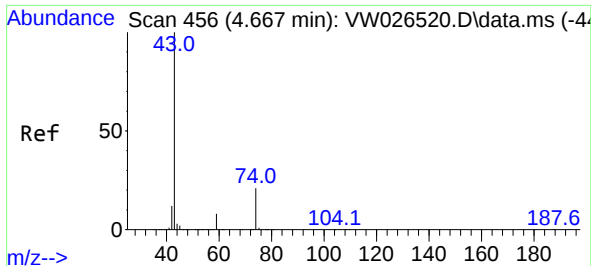
Tgt Ion: 43 Resp: 139355
Ion Ratio Lower Upper
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58 30.9 0.0 59.6



#14
Carbon disulfide
Concen: 24.582 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 76 Resp: 771210
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

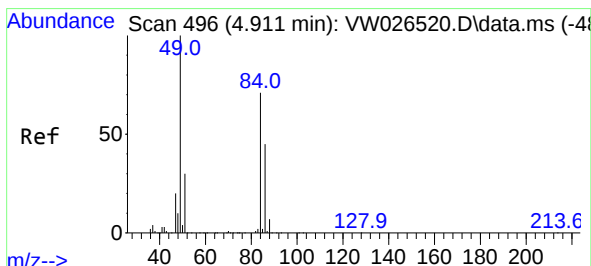
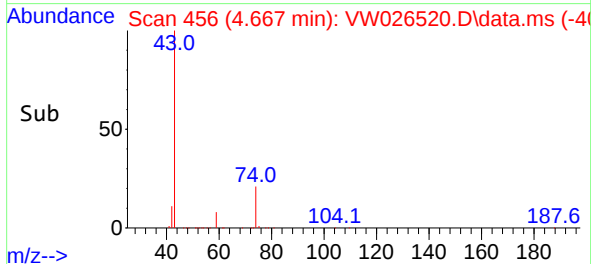
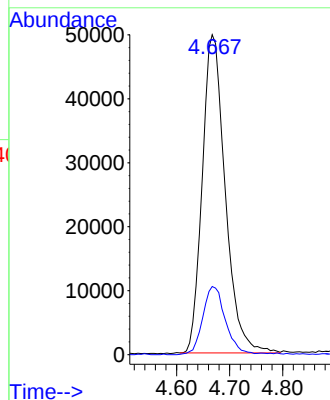
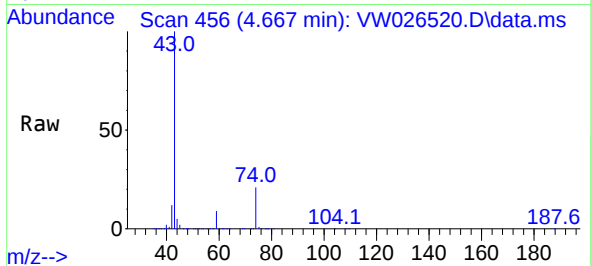




#15
Methyl Acetate
Concen: 21.551 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

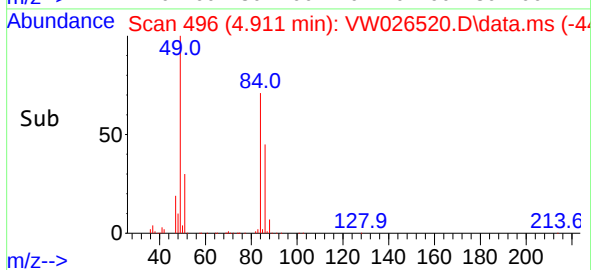
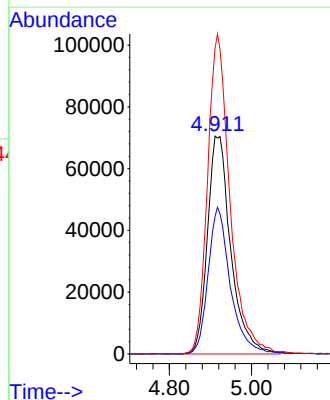
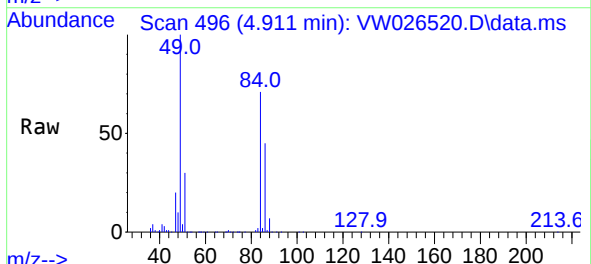
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

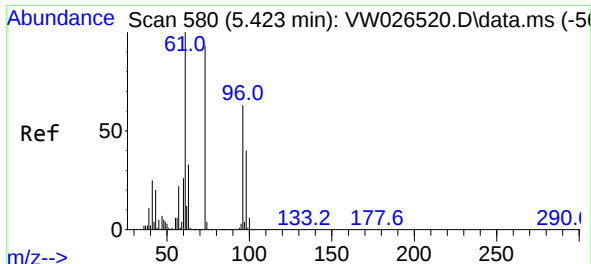
Tgt Ion: 43 Resp: 149825
Ion Ratio Lower Upper
43 100
74 21.1 16.6 24.8



#16
Methylene chloride
Concen: 19.927 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.012 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 84 Resp: 278112
Ion Ratio Lower Upper
84 100
86 63.1 43.3 80.5
49 140.3 99.3 184.3

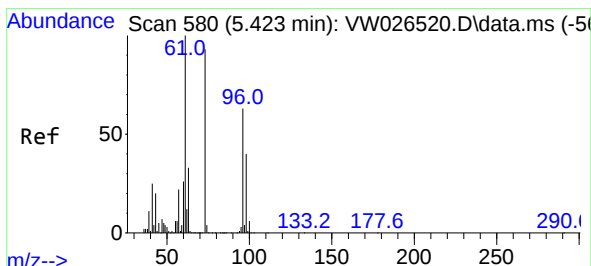
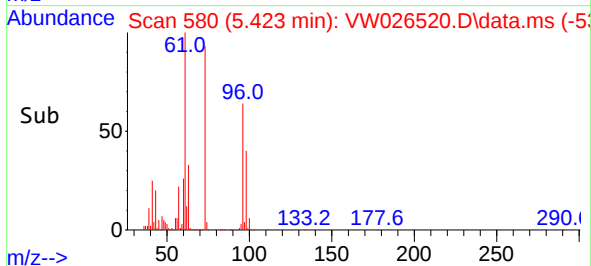
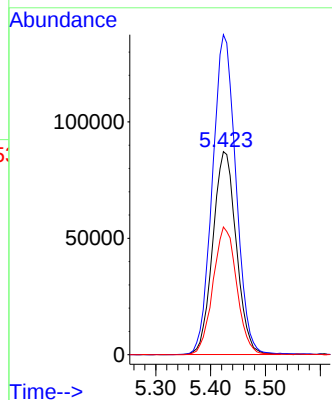
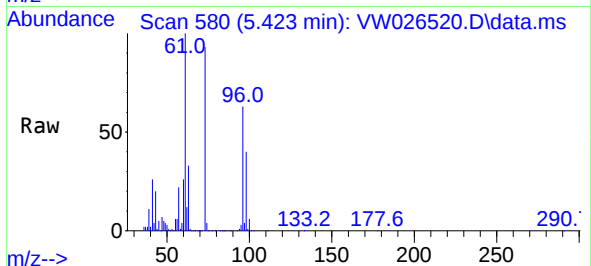




#17
trans-1,2-Dichloroethene
Concen: 23.342 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

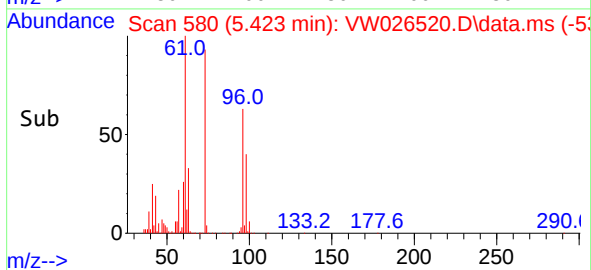
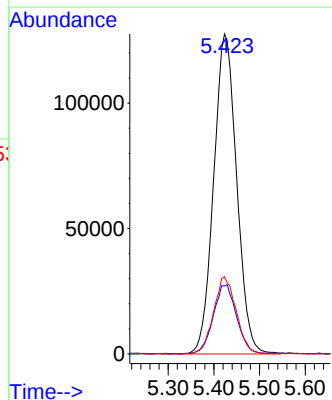
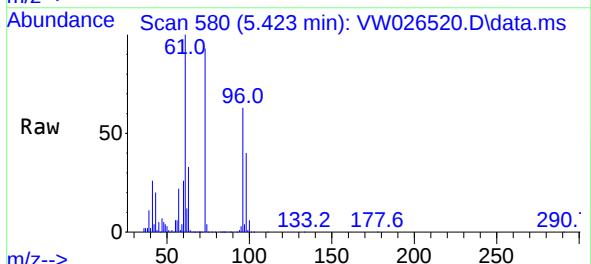
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

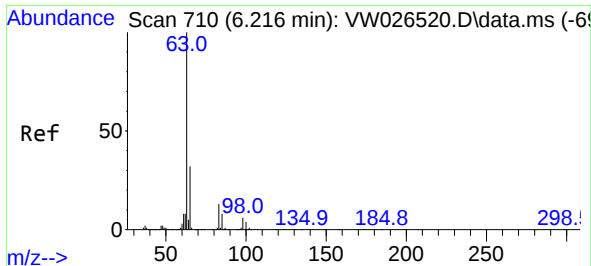
Tgt Ion: 96 Resp: 259595
Ion Ratio Lower Upper
96 100
61 157.7 109.7 203.7
98 62.9 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 22.968 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 73 Resp: 446595
Ion Ratio Lower Upper
73 100
43 21.7 17.8 26.8
57 23.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 22.608 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

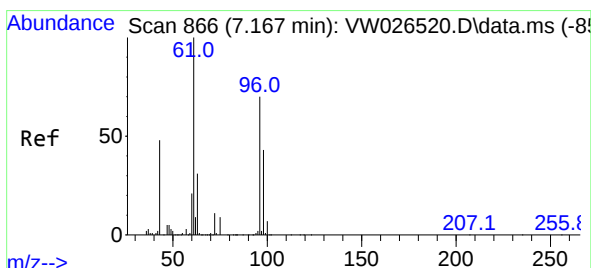
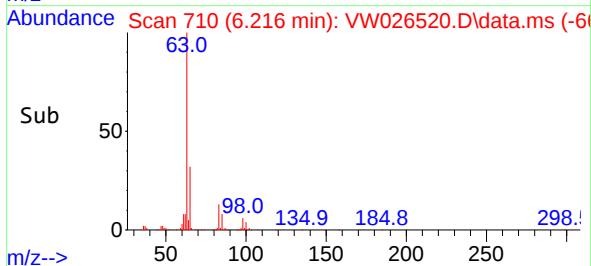
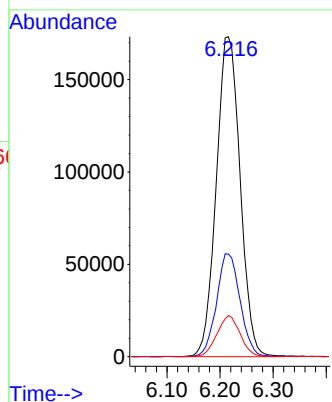
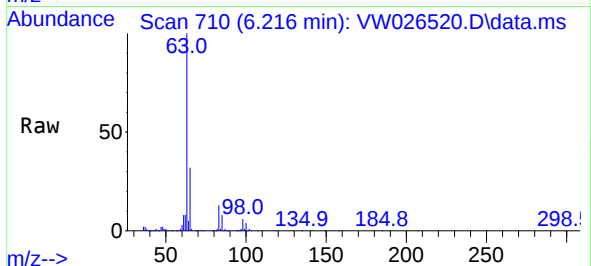
Tgt Ion: 63 Resp: 541457

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.4

83 12.9 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 22.450 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

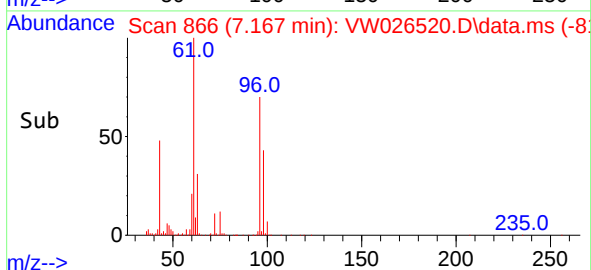
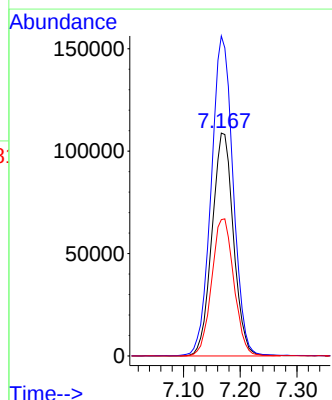
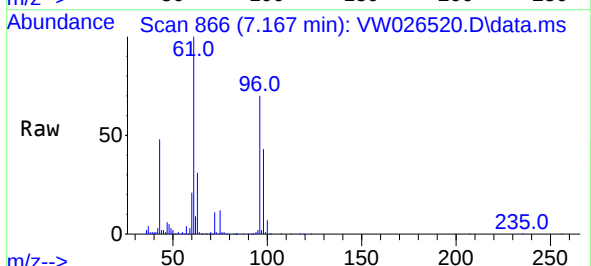
Tgt Ion: 96 Resp: 286449

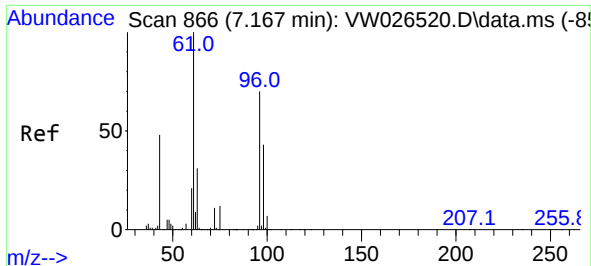
Ion Ratio Lower Upper

96 100

61 143.6 101.9 189.3

98 61.2 45.9 85.3

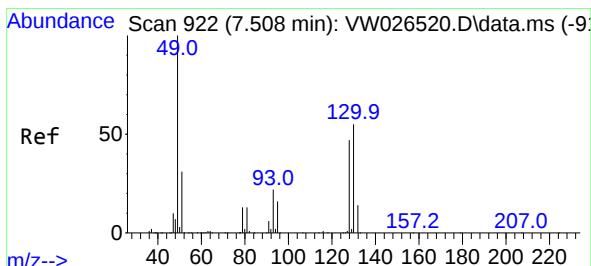
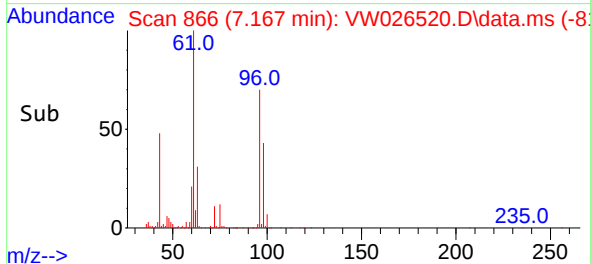
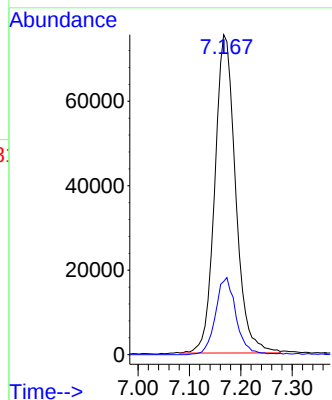
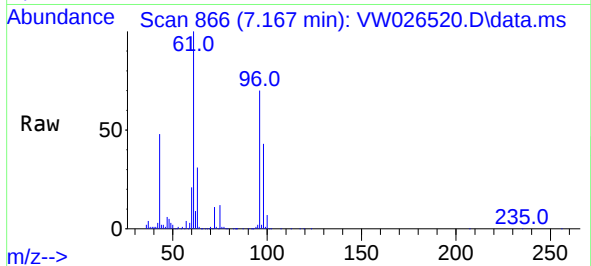




#22
2-Butanone
Concen: 40.828 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

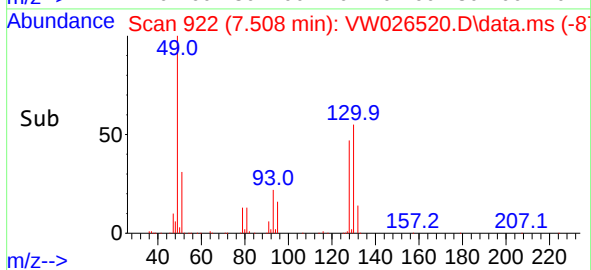
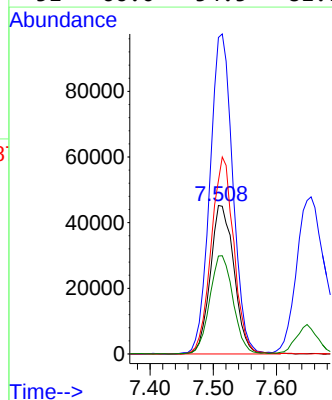
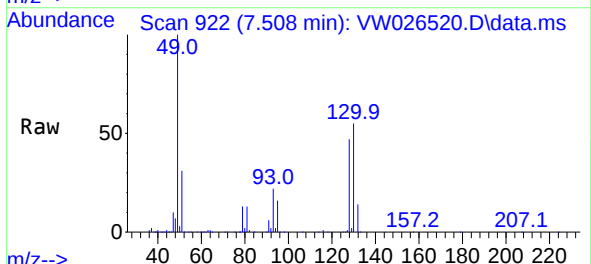
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

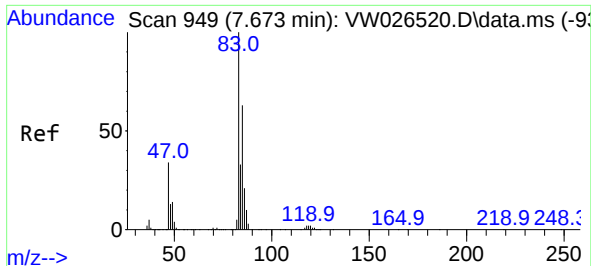
Tgt Ion: 43 Resp: 212316
Ion Ratio Lower Upper
43 100
72 23.8 12.0 36.1



#23
Bromochloromethane
Concen: 22.236 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion:128 Resp: 117503
Ion Ratio Lower Upper
128 100
49 213.2 152.2 282.7
130 116.7 89.2 165.8
51 66.0 54.5 81.7

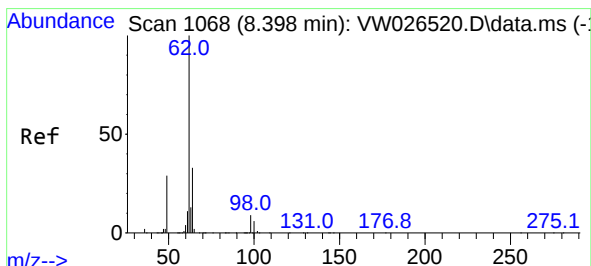
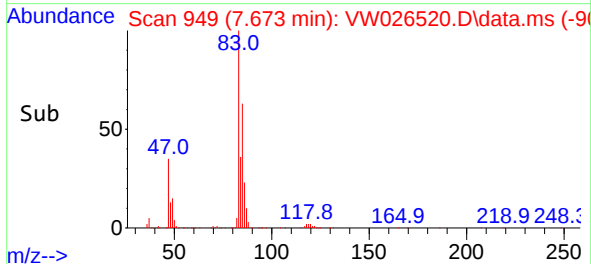
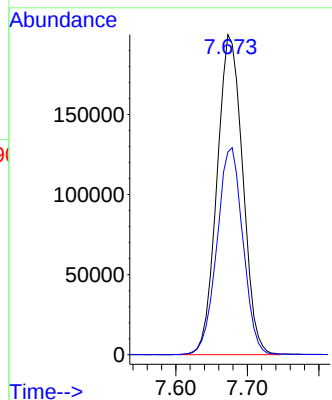
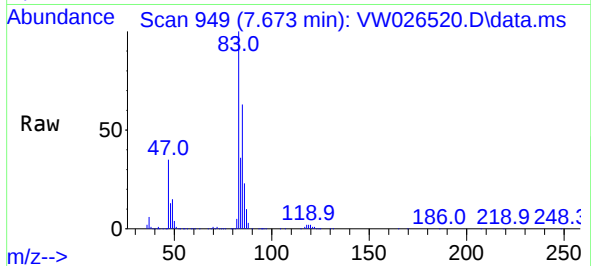




#25
Chloroform
Concen: 23.239 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

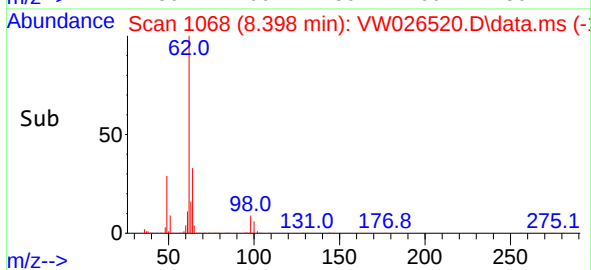
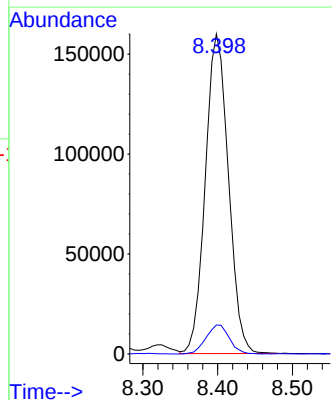
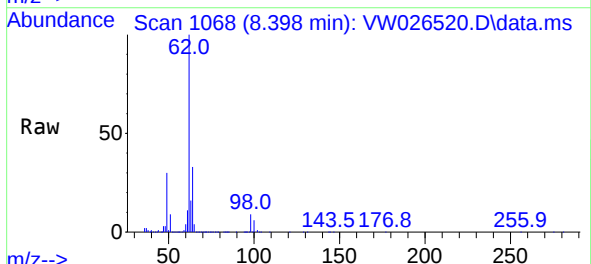
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

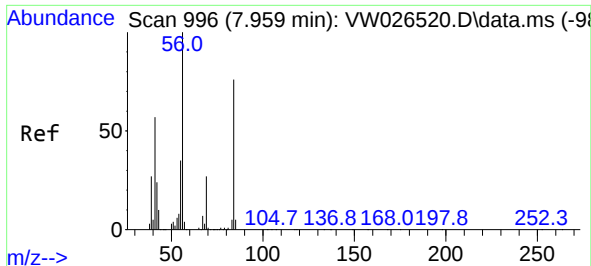
Tgt Ion: 83 Resp: 498772
Ion Ratio Lower Upper
83 100
85 63.4 44.8 83.2



#27
1,2-Dichloroethane
Concen: 21.705 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 62 Resp: 343260
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2

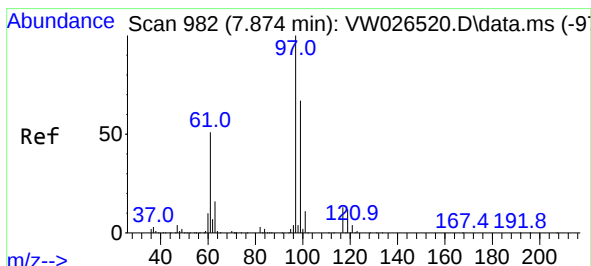
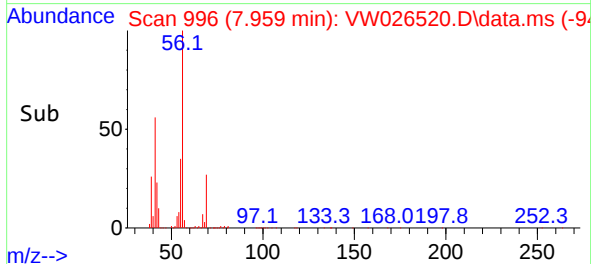
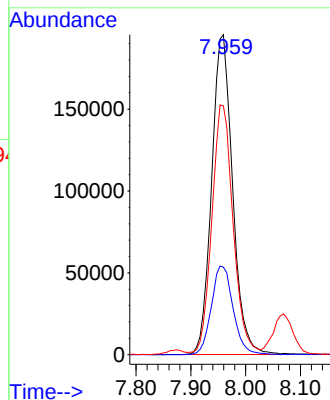
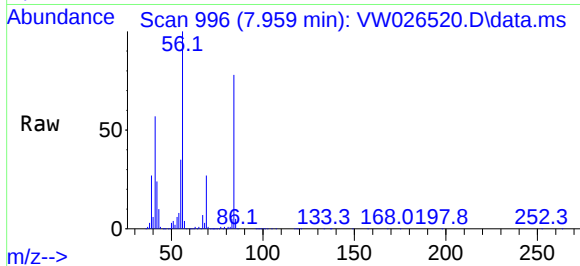




#29
Cyclohexane
Concen: 26.535 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

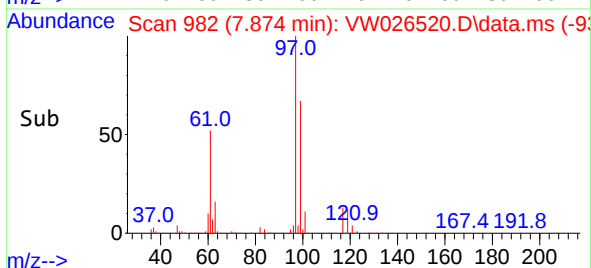
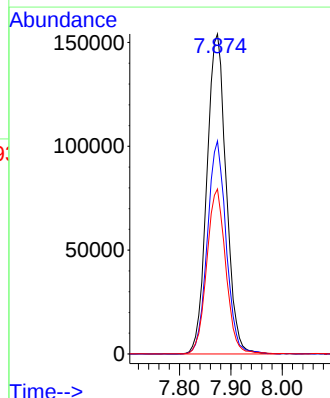
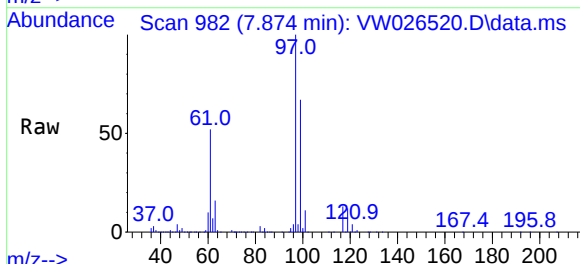
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

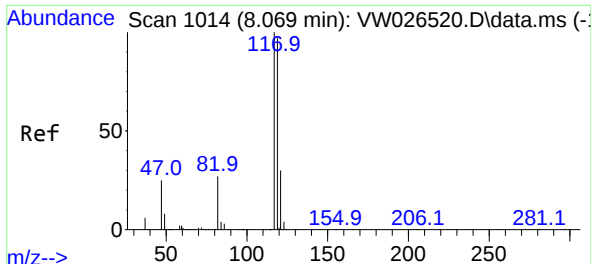
Tgt Ion: 56 Resp: 518450
Ion Ratio Lower Upper
56 100
69 28.8 22.9 34.3
84 79.1 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 25.407 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 97 Resp: 400906
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 51.0 40.2 60.2

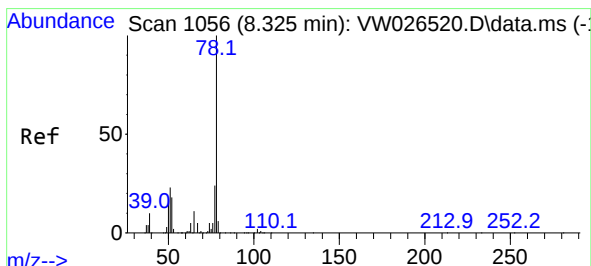
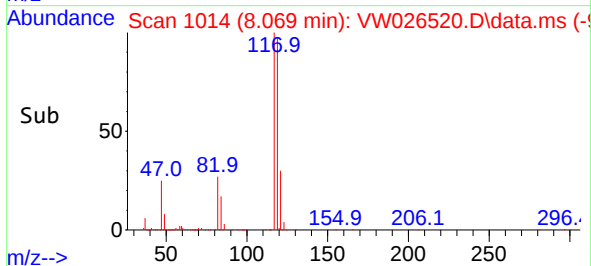
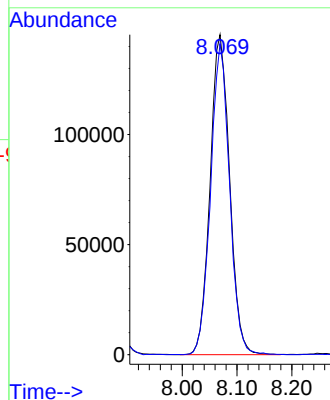
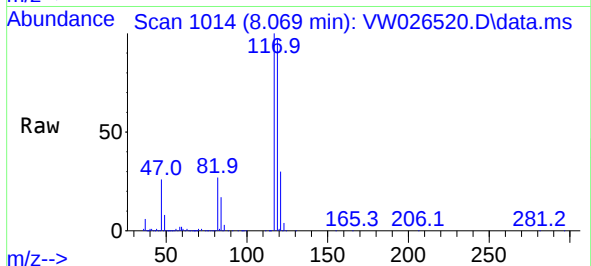




#31
Carbon tetrachloride
Concen: 25.197 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

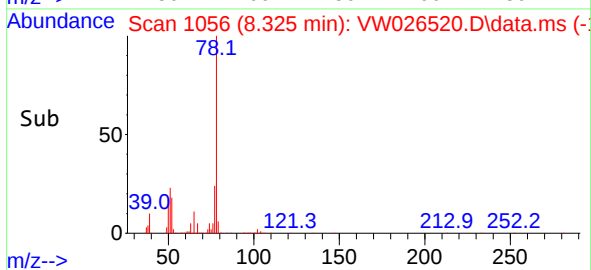
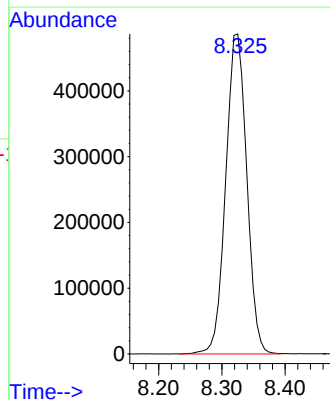
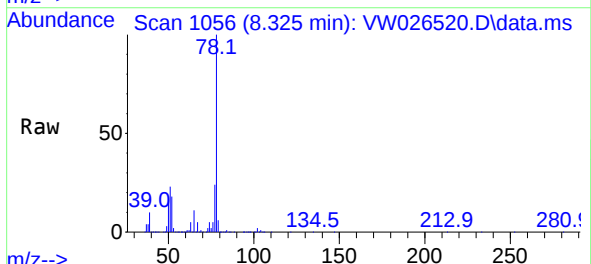
Instrument : MSVOA_W
ClientSampleId : VSTD025548

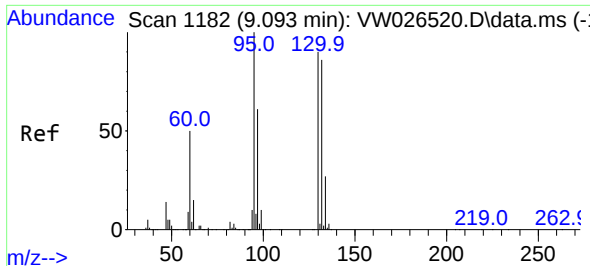
Tgt Ion:117 Resp: 358458
Ion Ratio Lower Upper
117 100
119 94.2 76.3 114.5



#33
Benzene
Concen: 24.690 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 78 Resp: 1121373



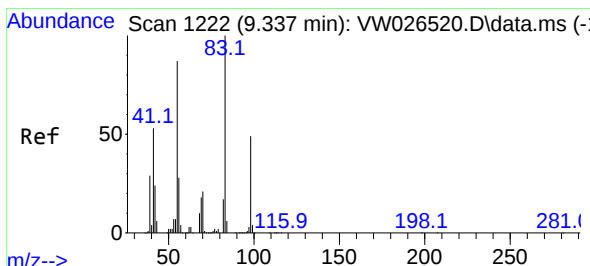
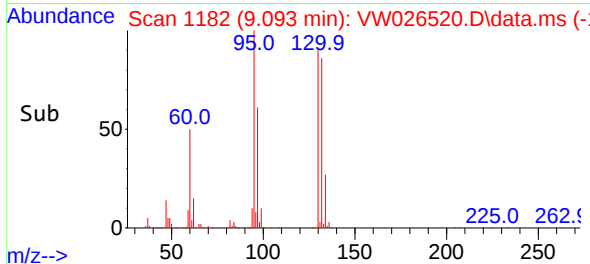
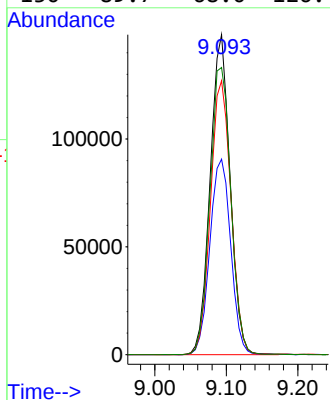
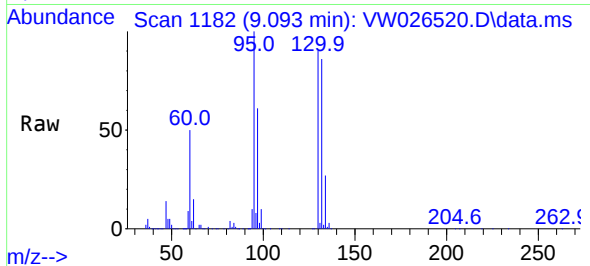


#34
Trichloroethene
Concen: 24.804 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

Tgt Ion: 95 Resp: 287336

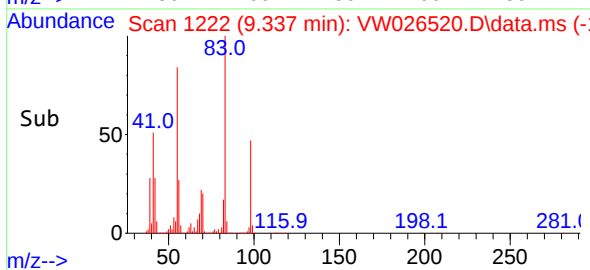
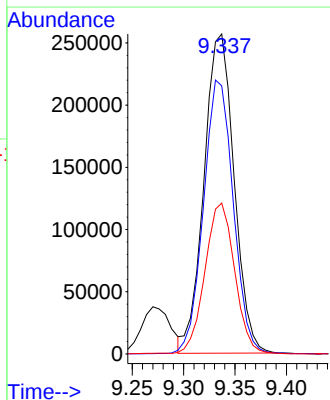
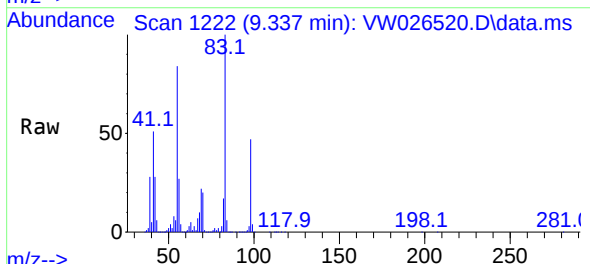
Ion	Ratio	Lower	Upper
95	100		
97	61.1	45.1	83.7
132	85.6	63.2	117.4
130	89.7	68.0	126.4

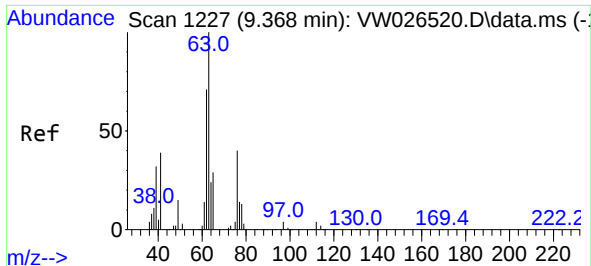


#35
Methylcyclohexane
Concen: 26.455 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 83 Resp: 523475

Ion	Ratio	Lower	Upper
83	100		
55	85.3	67.5	101.3
98	46.7	37.3	55.9





#37

1,2-Dichloropropane

Concen: 24.583 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

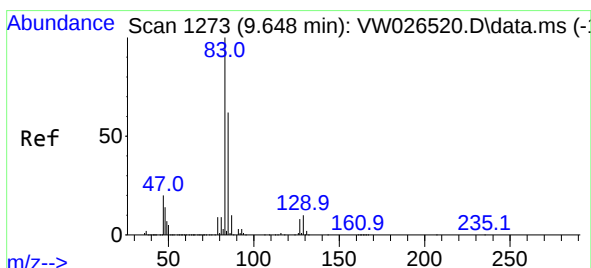
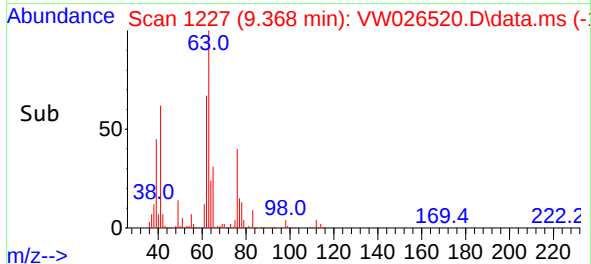
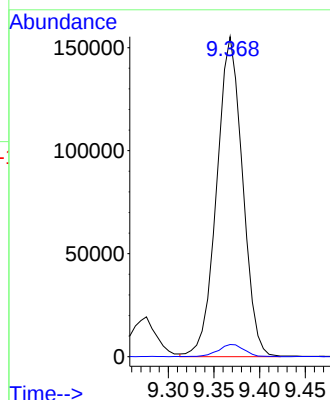
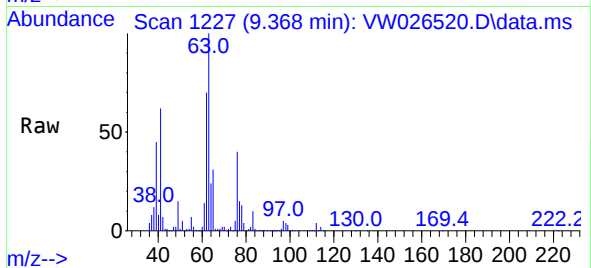
VSTD025548

Tgt Ion: 63 Resp: 305882

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 23.691 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

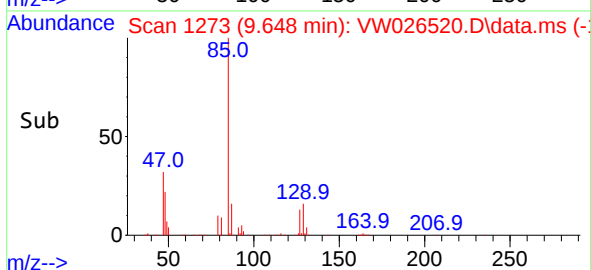
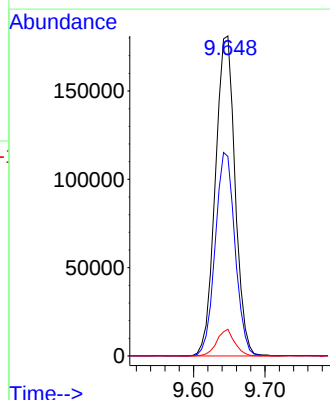
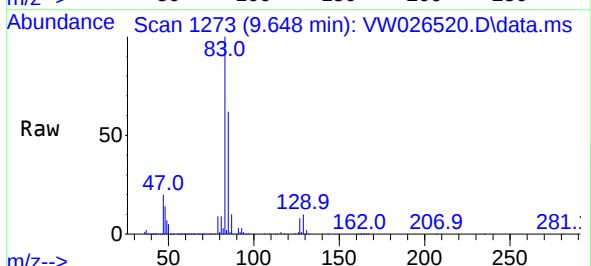
Tgt Ion: 83 Resp: 347828

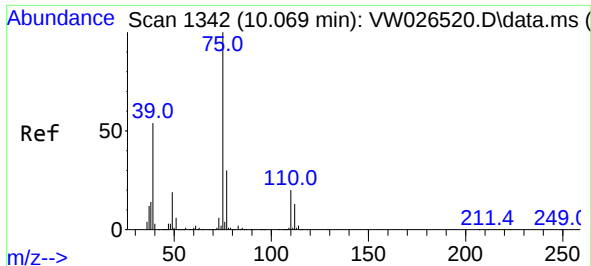
Ion Ratio Lower Upper

83 100

85 62.4 45.4 84.2

127 8.3 5.2 7.8#

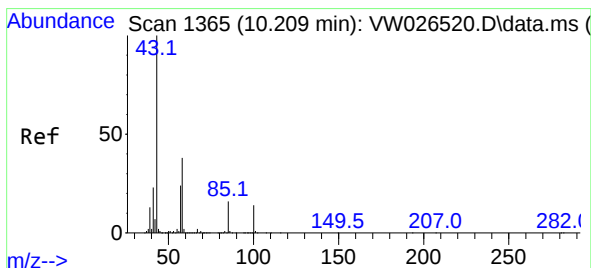
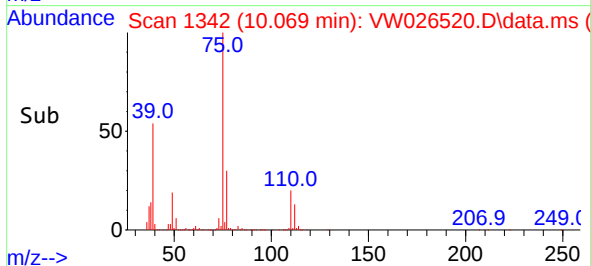
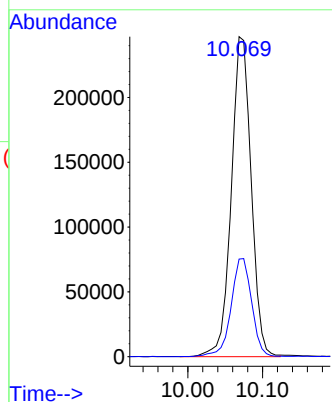
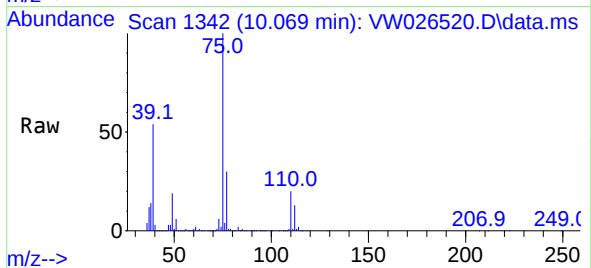




#39
cis-1,3-Dichloropropene
Concen: 24.872 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

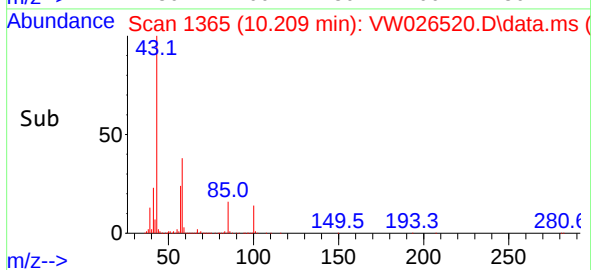
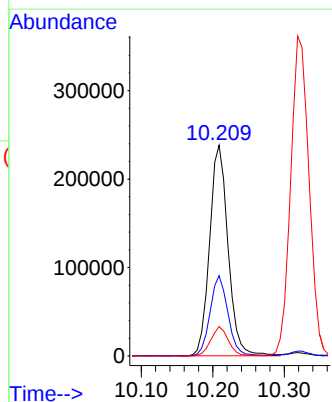
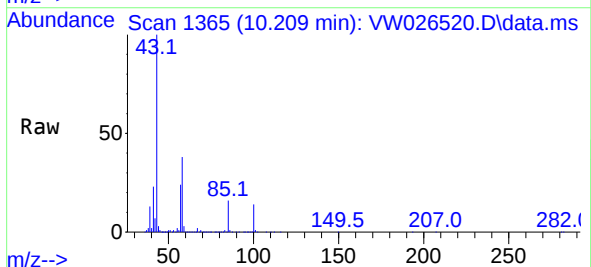
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

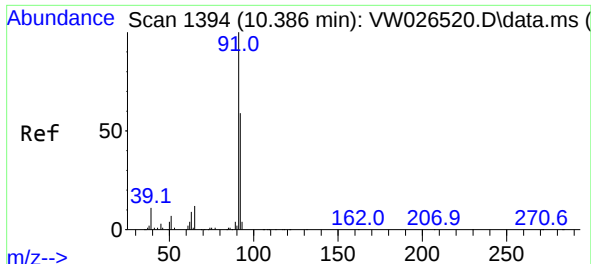
Tgt Ion: 75 Resp: 456337
Ion Ratio Lower Upper
75 100
77 30.5 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 44.362 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 43 Resp: 427134
Ion Ratio Lower Upper
43 100
58 37.0 29.8 44.8
100 13.3 10.6 15.8





#42

Toluene

Concen: 25.134 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

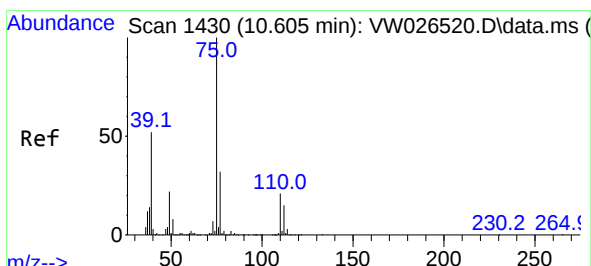
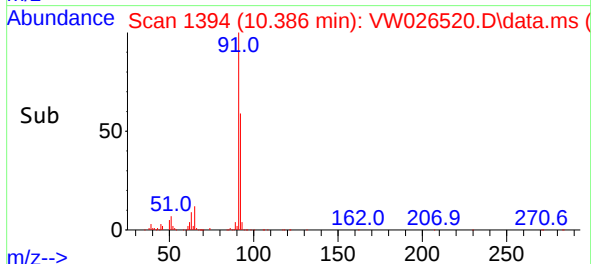
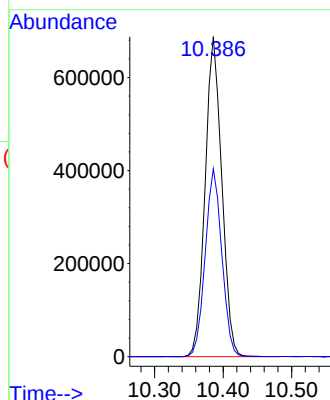
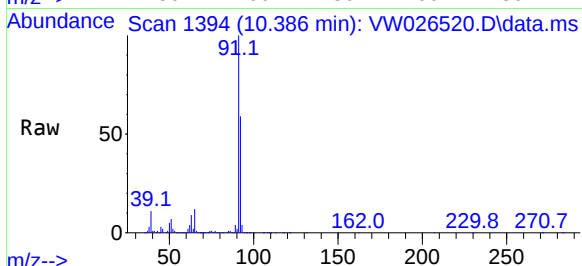
VSTD025548

Tgt Ion: 91 Resp: 1161909

Ion Ratio Lower Upper

91 100

92 58.7 42.4 78.8



#44

trans-1,3-Dichloropropene

Concen: 24.719 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026520.D

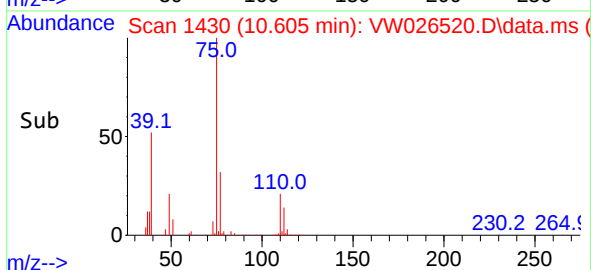
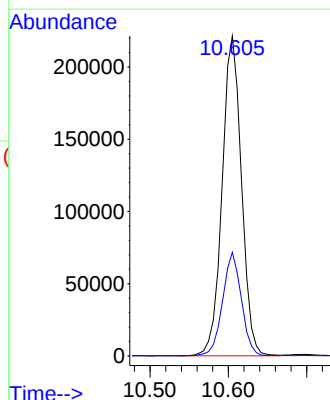
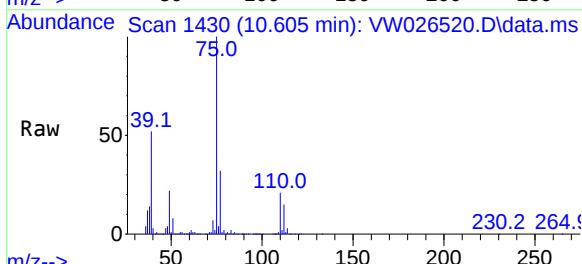
Acq: 05 Jul 2023 08:53

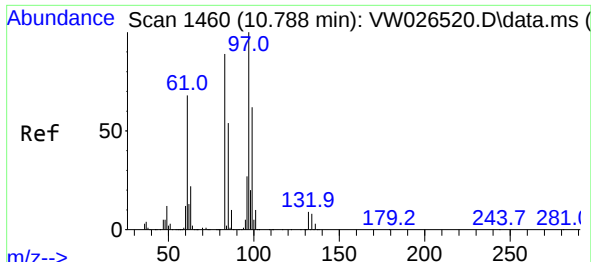
Tgt Ion: 75 Resp: 380068

Ion Ratio Lower Upper

75 100

77 32.4 22.6 42.0



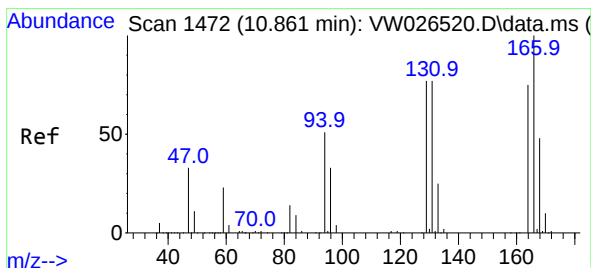
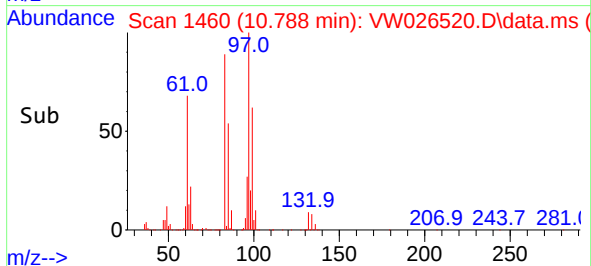
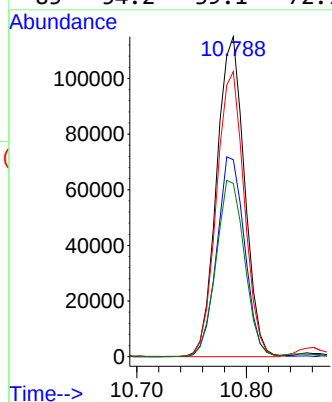
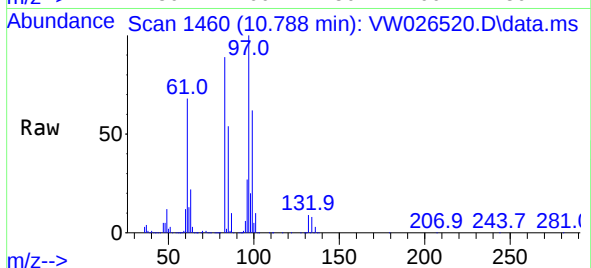


#45
1,1,2-Trichloroethane
Concen: 22.175 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

Tgt Ion: 97 Resp: 202832

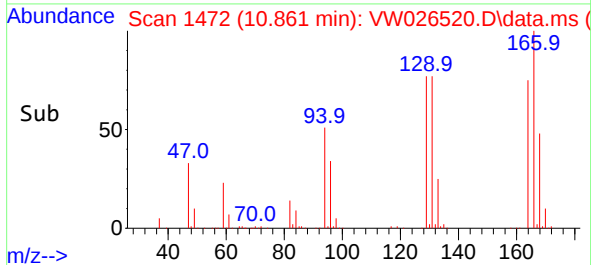
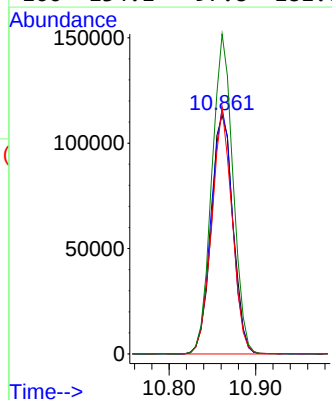
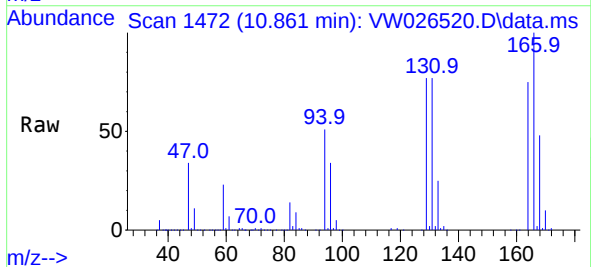
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.1	78.1
83	89.1	59.9	111.3
85	54.2	39.1	72.7

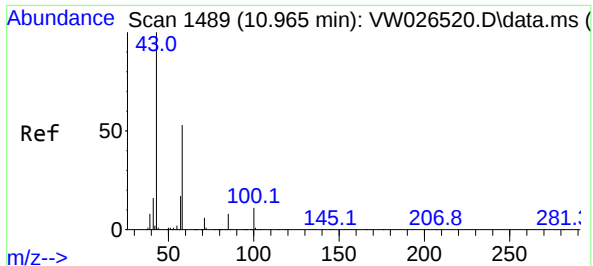


#46
Tetrachloroethene
Concen: 24.444 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 164 Resp: 198696

Ion	Ratio	Lower	Upper
164	100		
129	102.9	73.0	135.6
131	103.2	69.2	128.6
166	134.1	97.8	181.6





#48

2-Hexanone

Concen: 46.544 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

Tgt Ion: 43 Resp: 312494

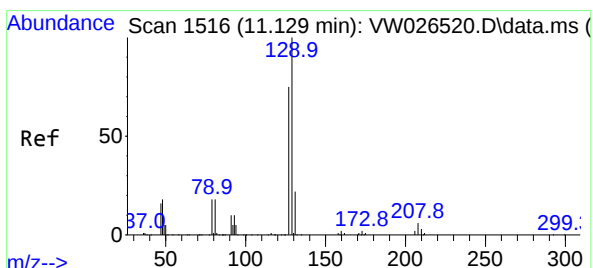
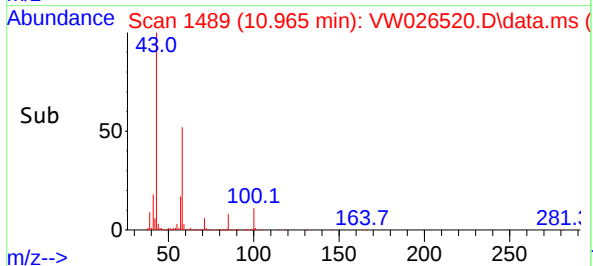
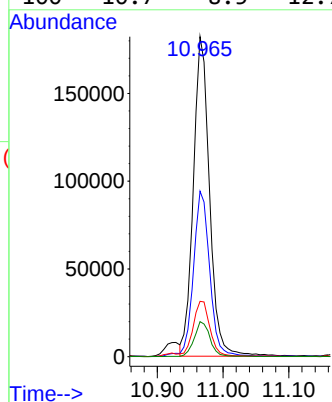
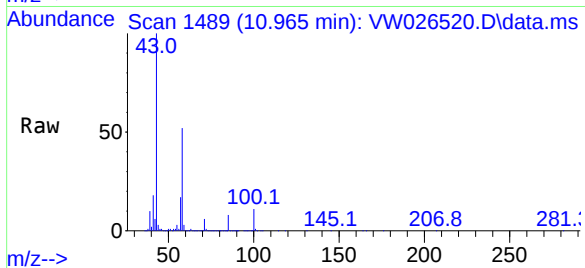
Ion Ratio Lower Upper

43 100

58 51.0 39.9 59.9

57 18.0 14.1 21.1

100 10.7 8.5 12.7



#49

Dibromochloromethane

Concen: 22.765 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW026520.D

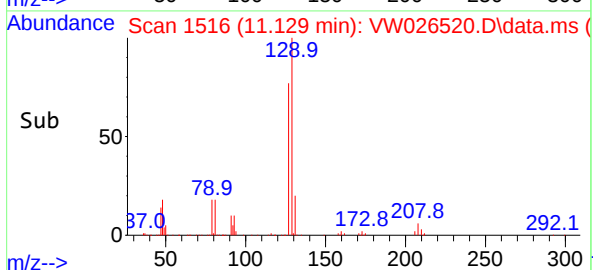
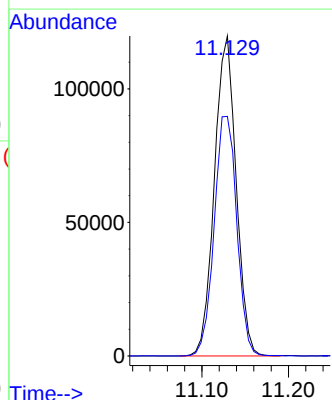
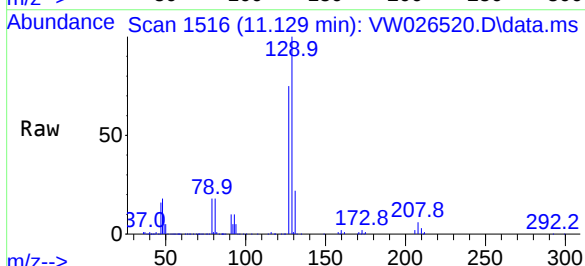
Acq: 05 Jul 2023 08:53

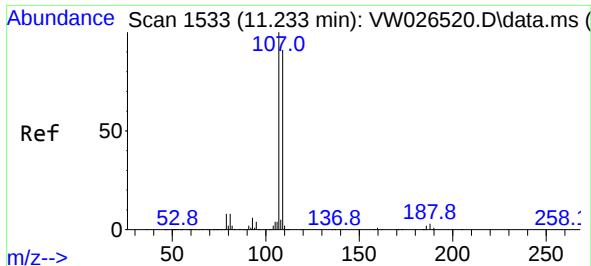
Tgt Ion: 129 Resp: 208627

Ion Ratio Lower Upper

129 100

127 74.9 50.0 93.0





#50

1,2-Dibromoethane

Concen: 22.903 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

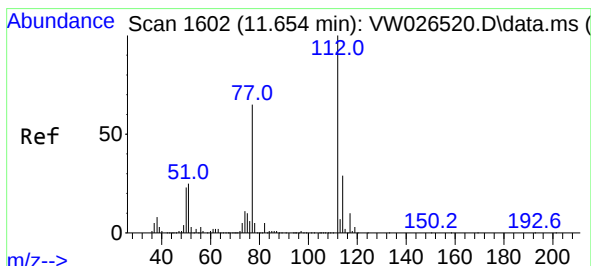
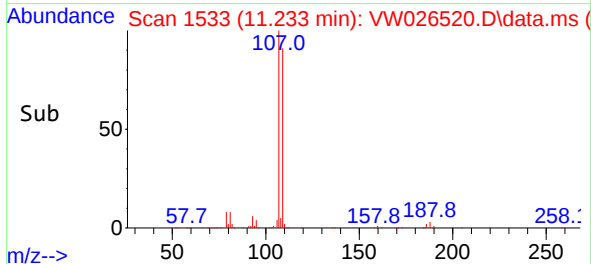
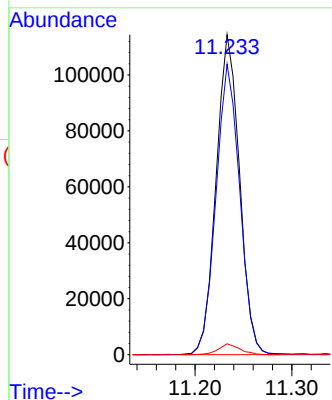
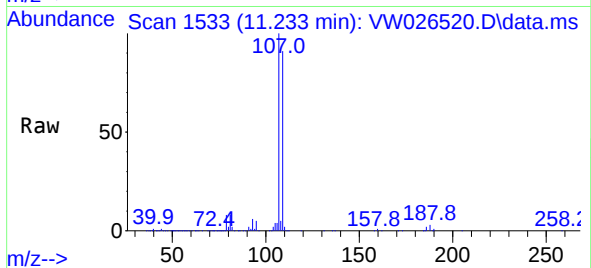
Tgt Ion:107 Resp: 192113

Ion Ratio Lower Upper

107 100

109 90.8 67.7 125.7

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 23.132 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

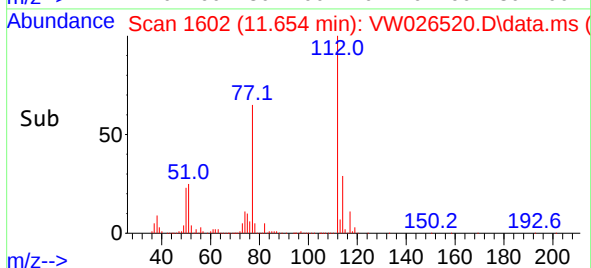
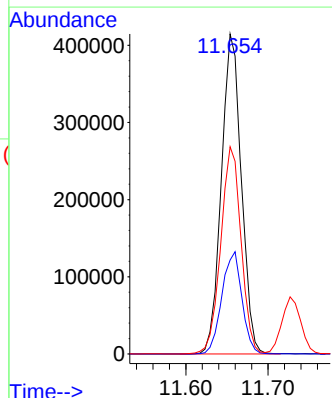
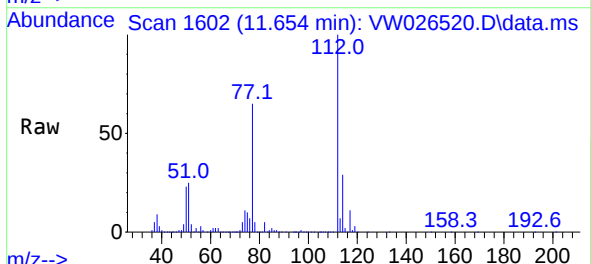
Tgt Ion:112 Resp: 698959

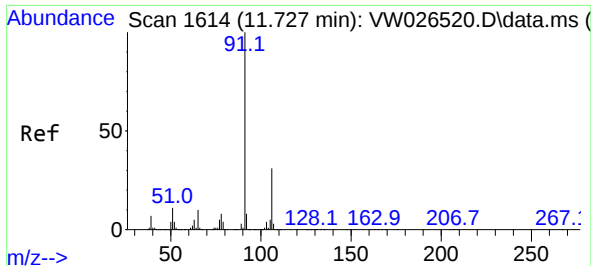
Ion Ratio Lower Upper

112 100

114 29.4 22.2 41.2

77 64.8 53.4 80.2

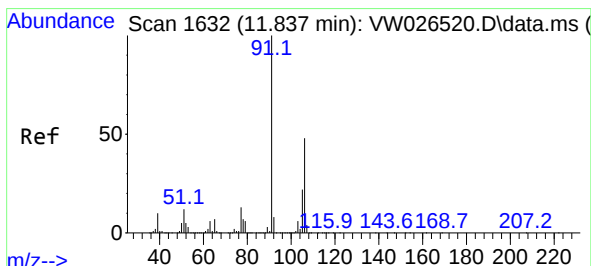
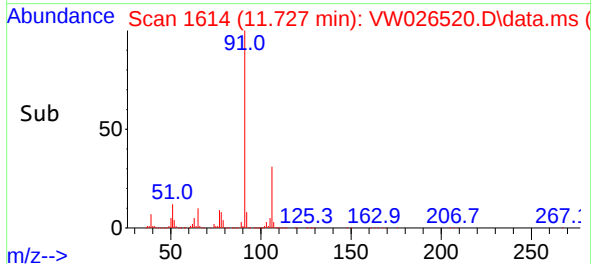
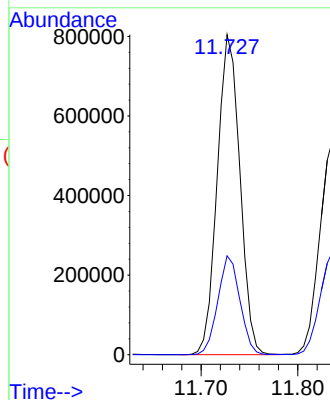
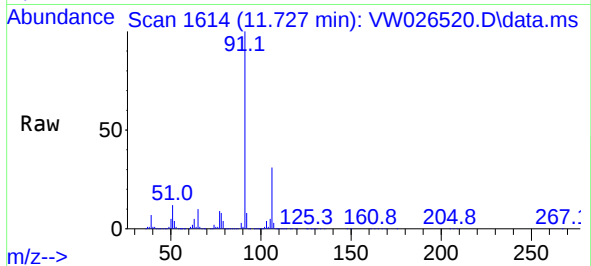




#52
Ethylbenzene
Concen: 23.920 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

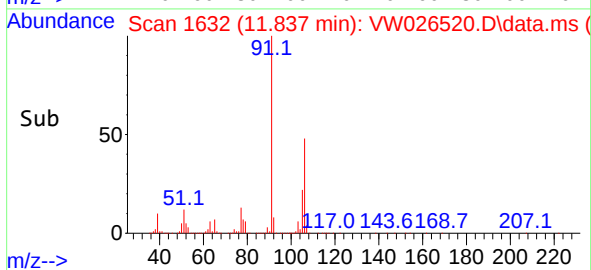
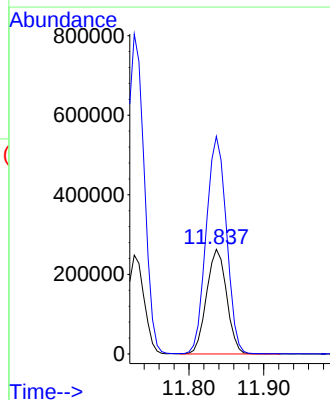
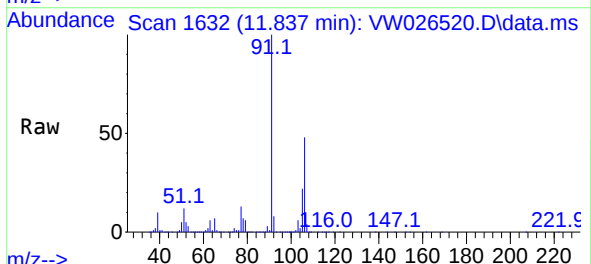
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

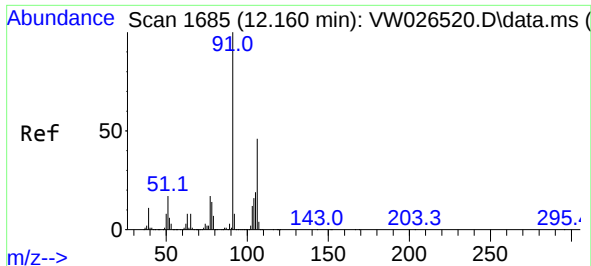
Tgt Ion: 91 Resp: 1305809
Ion Ratio Lower Upper
91 100
106 30.9 20.7 38.5



#53
m,p-Xylene
Concen: 24.599 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 106 Resp: 491011
Ion Ratio Lower Upper
106 100
91 207.8 152.7 283.7

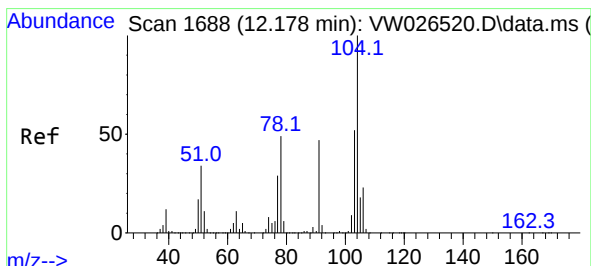
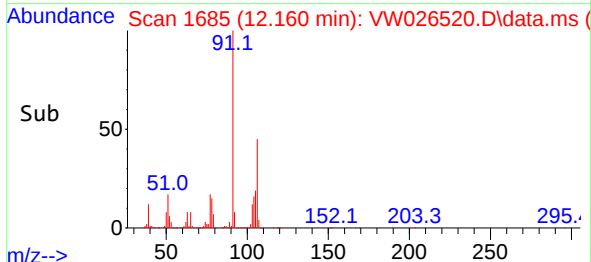
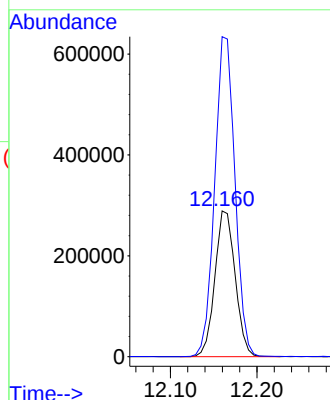
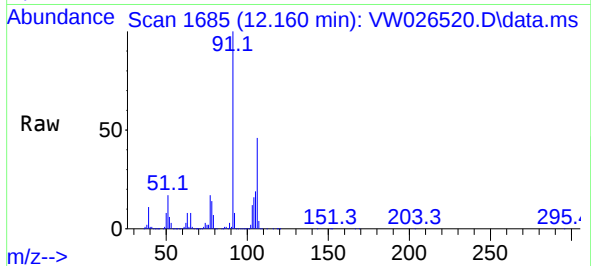




#54
o-Xylene
Concen: 24.307 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

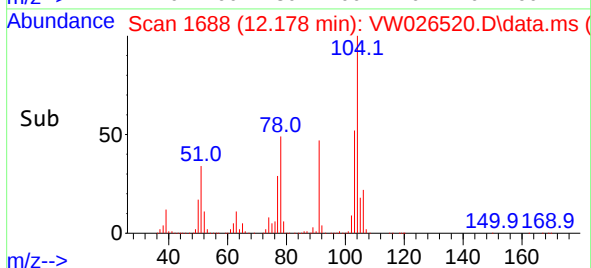
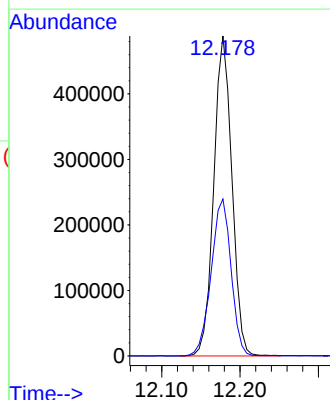
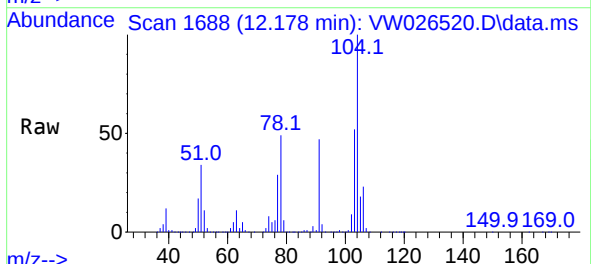
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

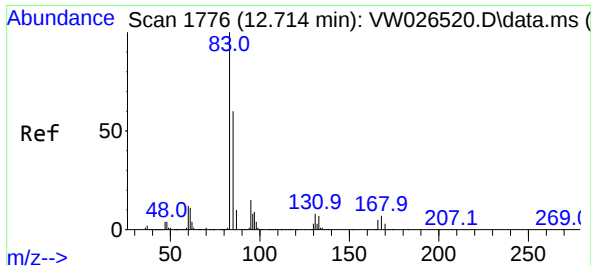
Tgt Ion:106 Resp: 470093
Ion Ratio Lower Upper
106 100
91 219.4 151.8 282.0



#55
Styrene
Concen: 23.740 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion:104 Resp: 785169
Ion Ratio Lower Upper
104 100
78 49.1 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.656 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025548

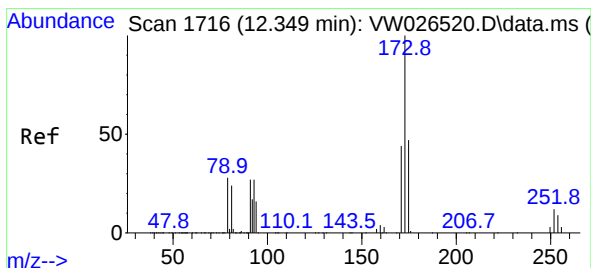
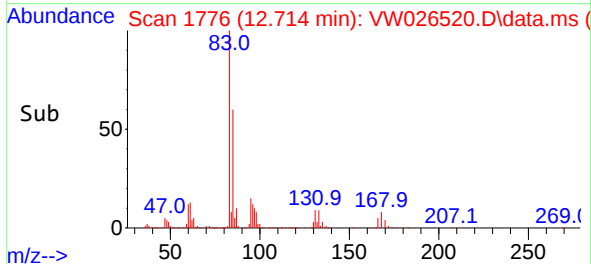
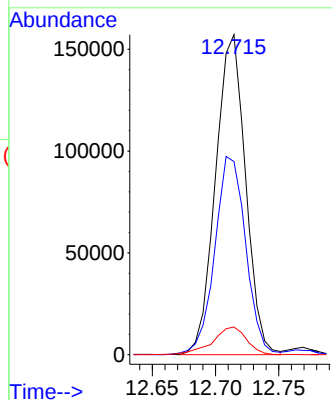
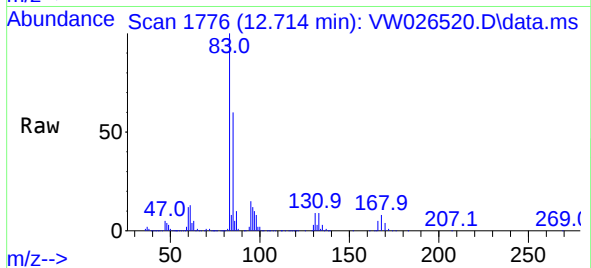
Tgt Ion: 83 Resp: 259314

Ion Ratio Lower Upper

83 100

85 60.3 44.4 82.5

131 8.7 7.2 10.8



#59

Bromoform

Concen: 22.484 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

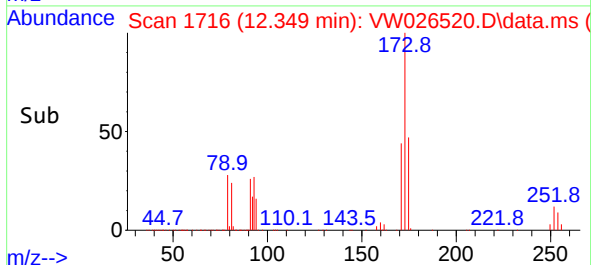
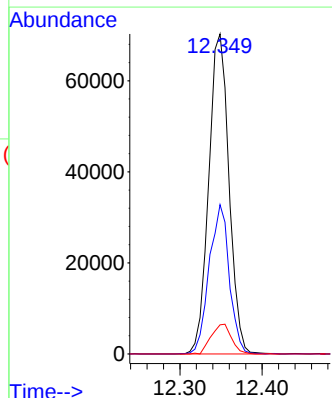
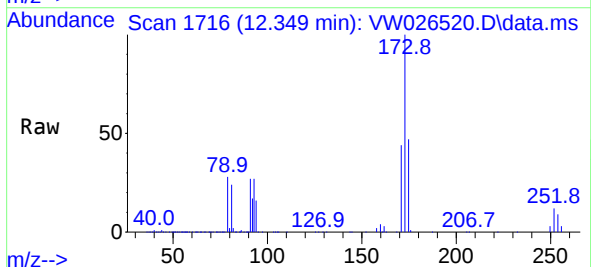
Tgt Ion: 173 Resp: 120386

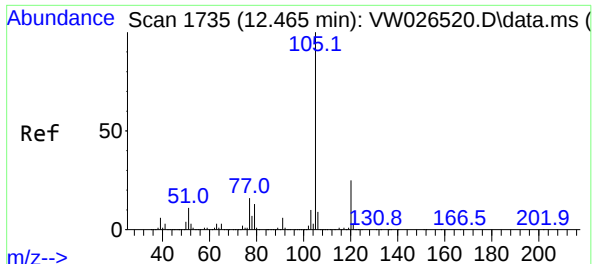
Ion Ratio Lower Upper

173 100

175 46.3 39.0 58.4

254 9.3 7.0 10.6

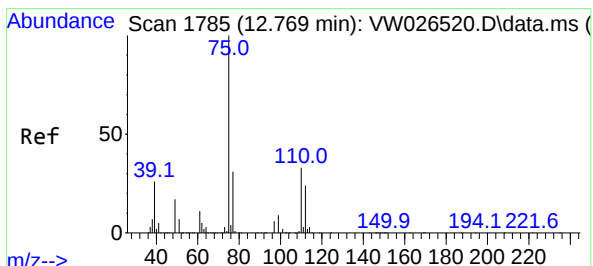
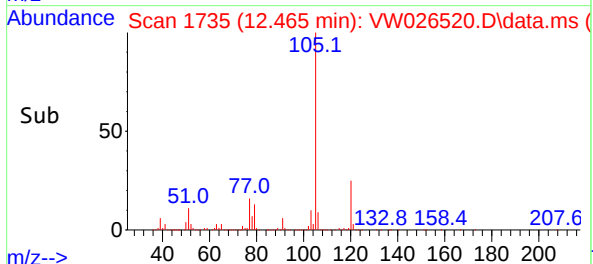
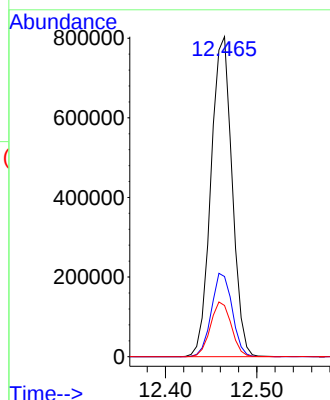
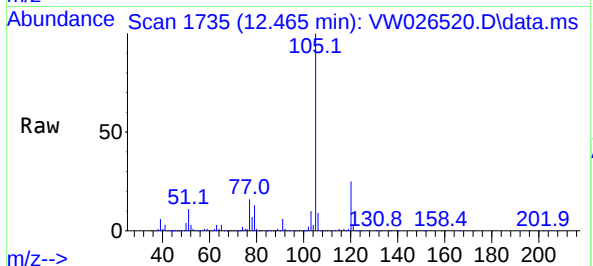




#60
Isopropylbenzene
Concen: 24.589 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

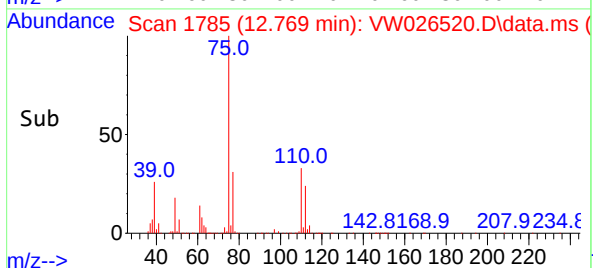
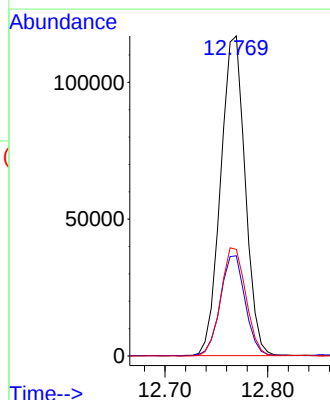
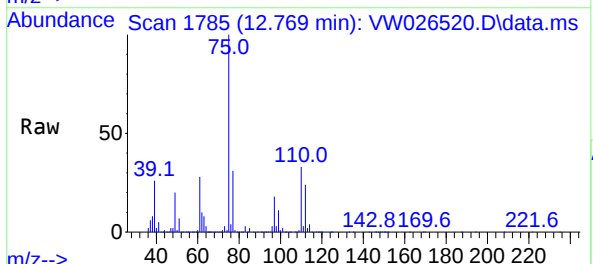
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

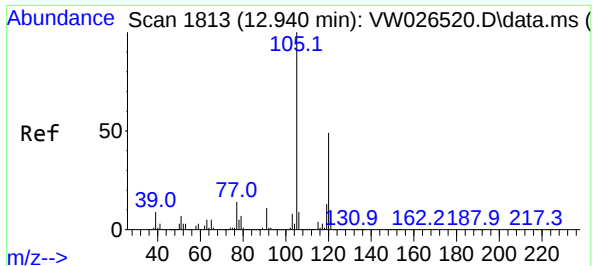
Tgt Ion:105 Resp: 1287256
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 21.771 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 75 Resp: 193603
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
110 34.7 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 24.142 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026520.D

Acq: 05 Jul 2023 08:53

Instrument :

MSVOA_W

ClientSampleId :

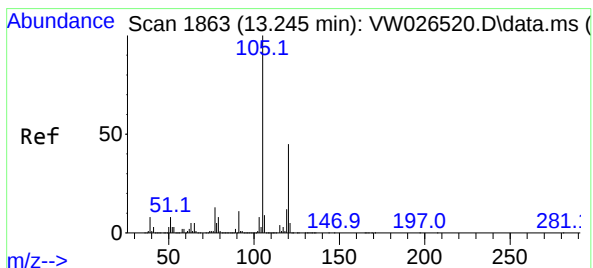
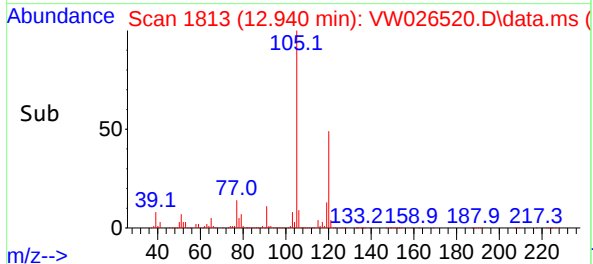
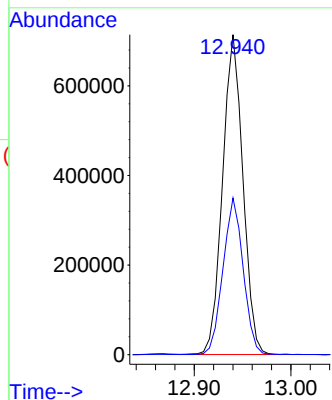
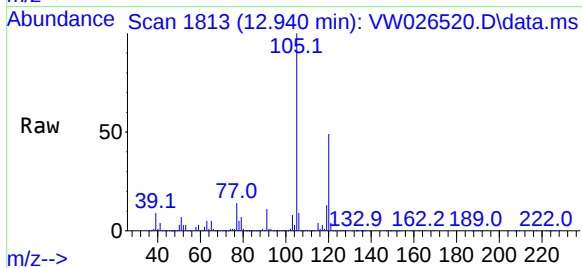
VSTD025548

Tgt Ion:105 Resp: 1042054

Ion Ratio Lower Upper

105 100

120 48.7 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 24.991 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026520.D

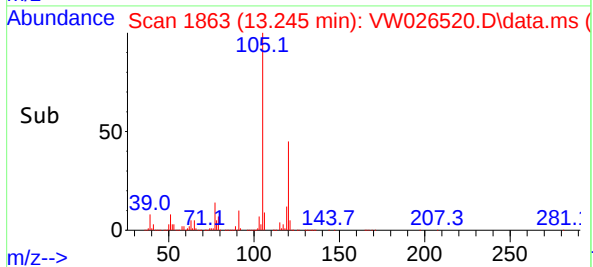
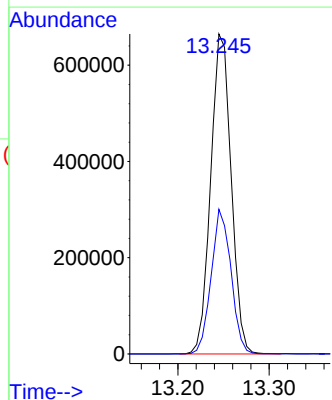
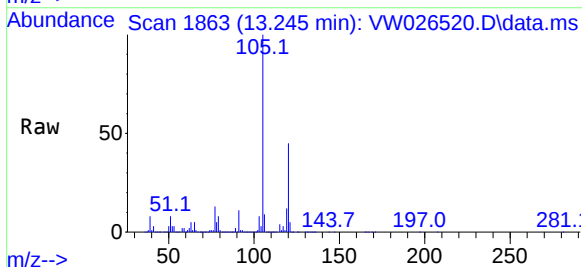
Acq: 05 Jul 2023 08:53

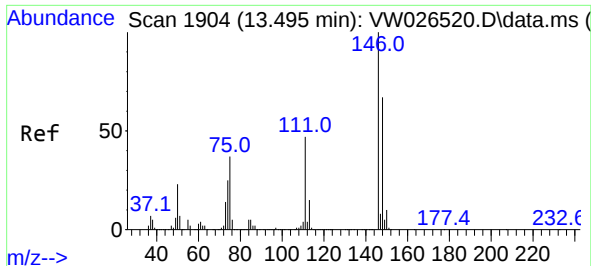
Tgt Ion:105 Resp: 1037675

Ion Ratio Lower Upper

105 100

120 43.7 35.5 53.3

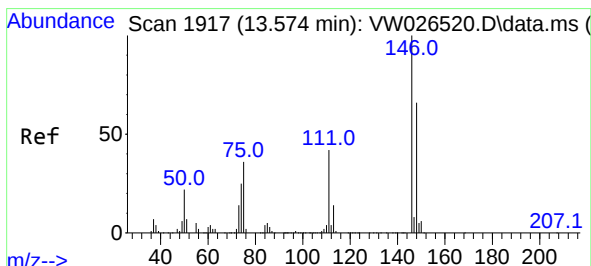
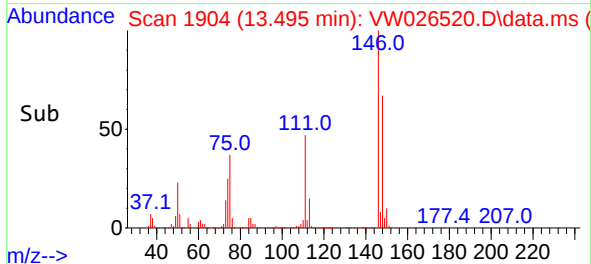
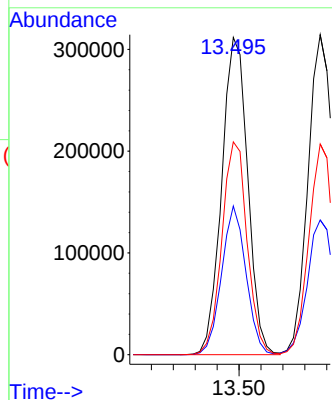
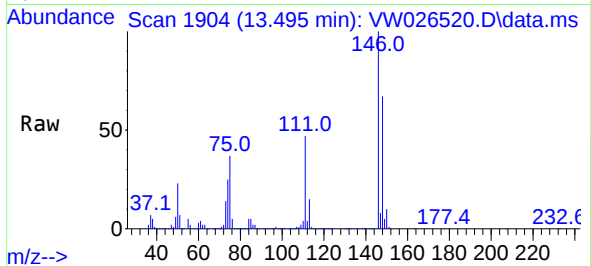




#64
1,3-Dichlorobenzene
Concen: 23.082 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

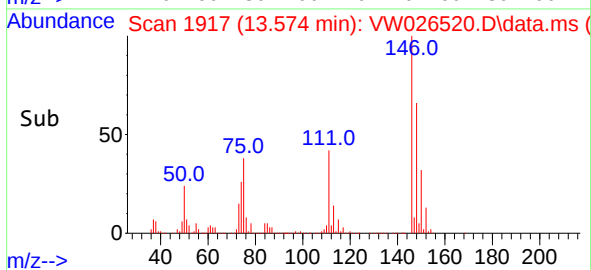
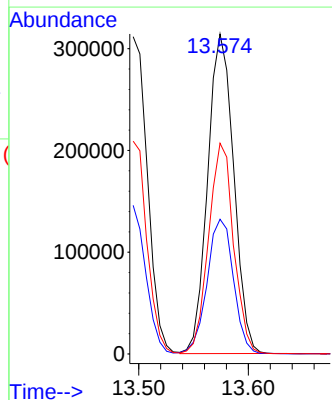
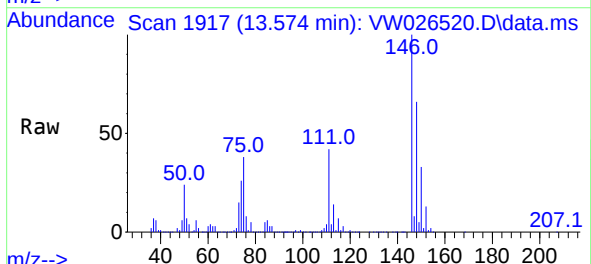
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

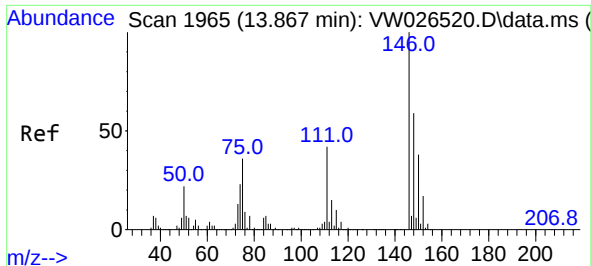
Tgt Ion:146 Resp: 514094
Ion Ratio Lower Upper
146 100
111 46.8 32.7 60.7
148 67.1 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 23.332 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion:146 Resp: 518166
Ion Ratio Lower Upper
146 100
111 42.1 30.2 56.0
148 65.9 44.0 81.6

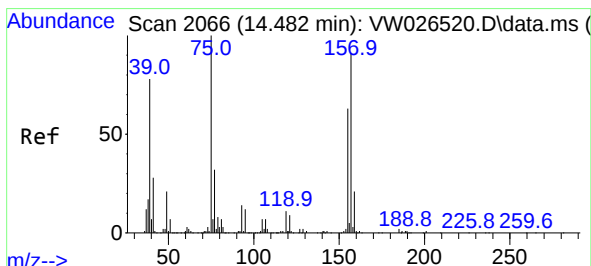
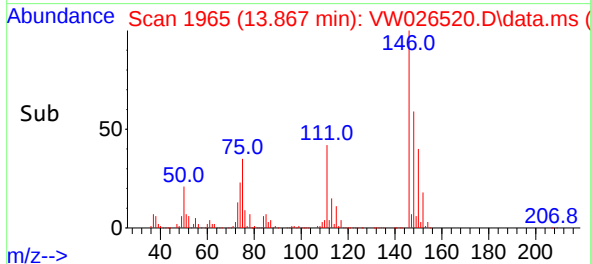
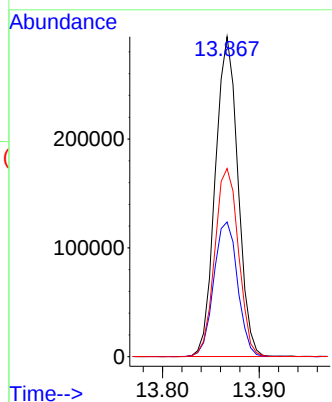
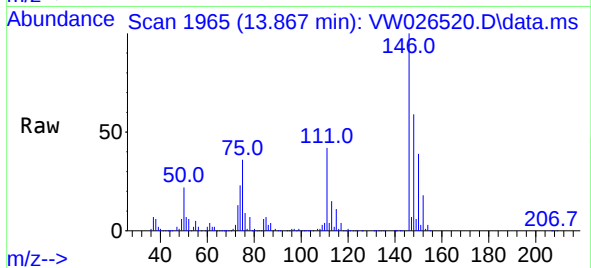




#67
1,2-Dichlorobenzene
Concen: 22.790 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

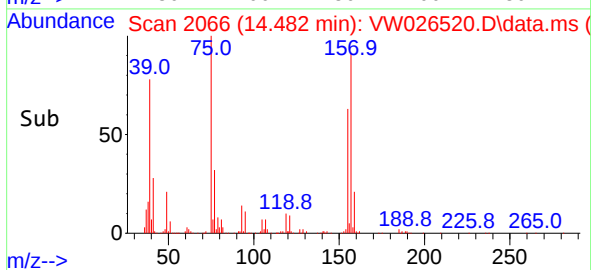
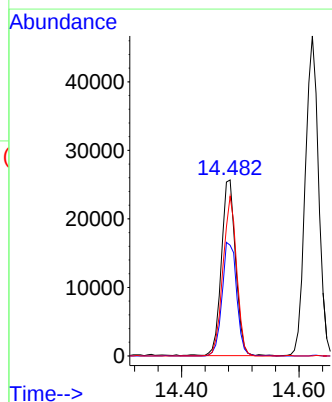
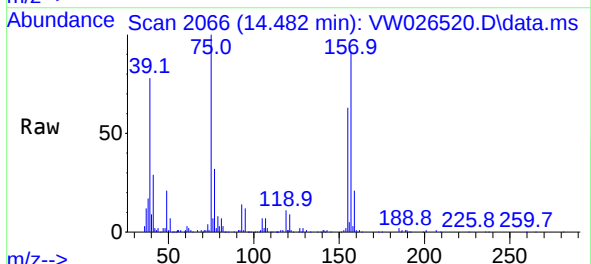
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

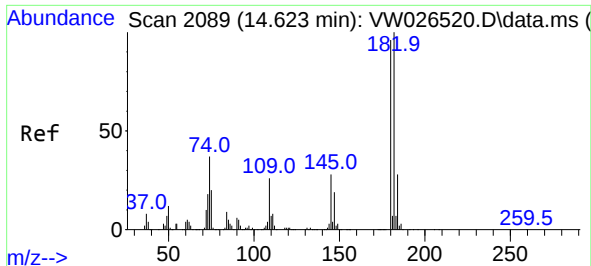
Tgt Ion:146 Resp: 478159
Ion Ratio Lower Upper
146 100
111 42.1 36.6 55.0
148 58.8 55.1 82.7



#68
1,2-Dibromo-3-chloropropane
Concen: 19.243 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion: 75 Resp: 43153
Ion Ratio Lower Upper
75 100
155 62.9 57.3 85.9
157 90.7 76.9 115.3

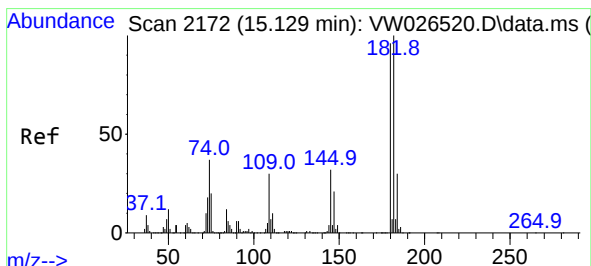
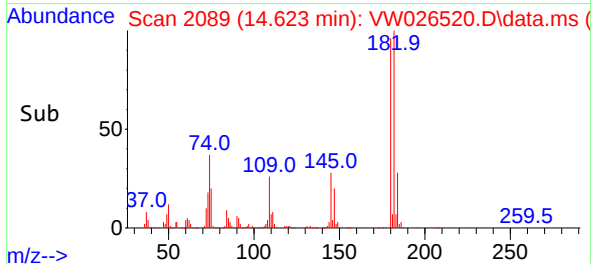
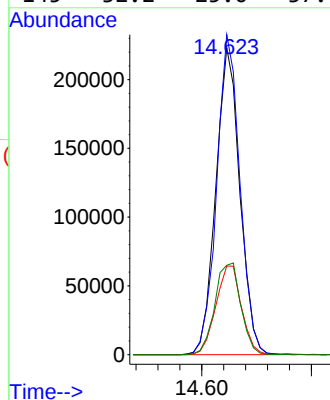
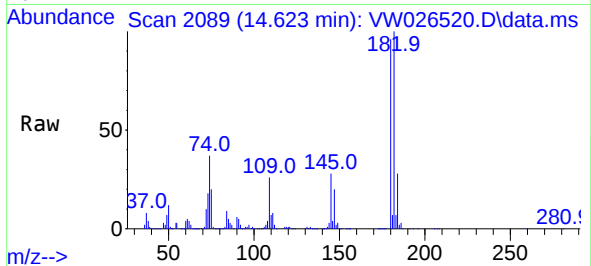




#69
1,3,5-Trichlorobenzene
Concen: 22.940 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.006 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

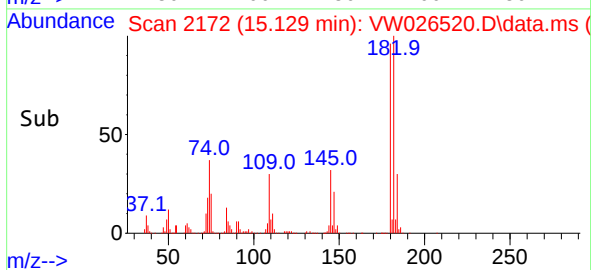
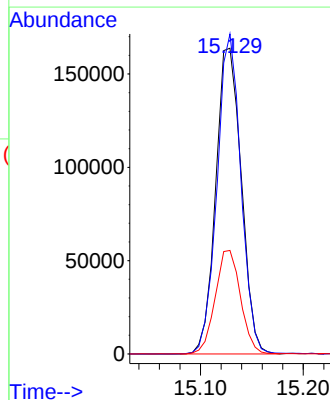
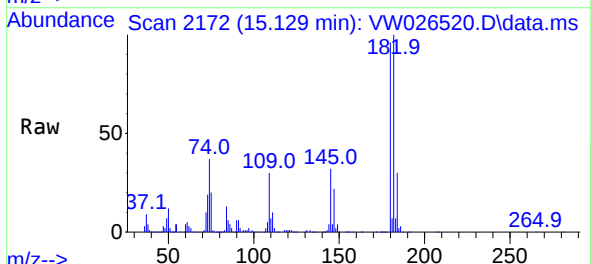
Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

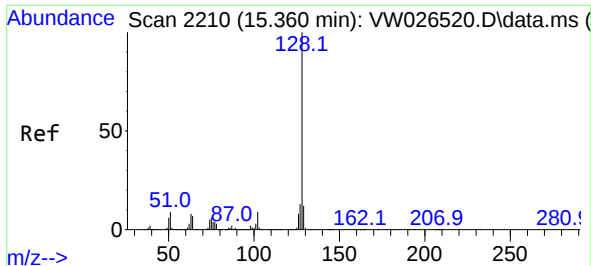
Tgt Ion:	180	Resp:	339854
Ion Ratio	Lower	Upper	
180	100		
182	100.8	75.5	113.3
184	30.7	23.8	35.8
145	32.2	25.0	37.4



#70
1,2,4-trichlorobenzene
Concen: 23.471 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion:	180	Resp:	283655
Ion Ratio	Lower	Upper	
180	100		
182	97.7	74.5	111.7
145	33.5	25.9	38.9

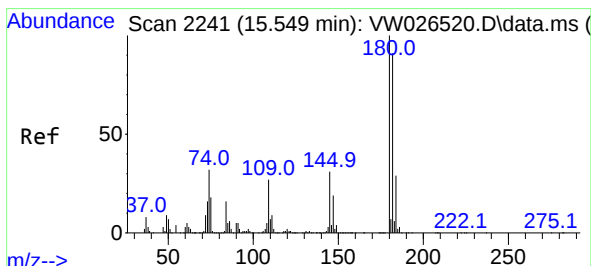
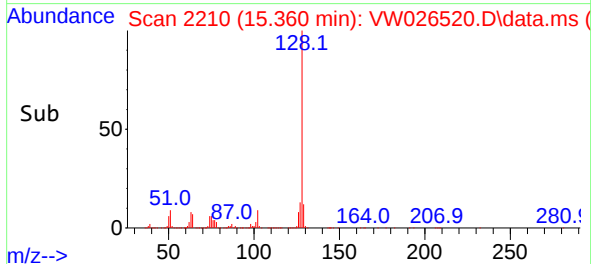
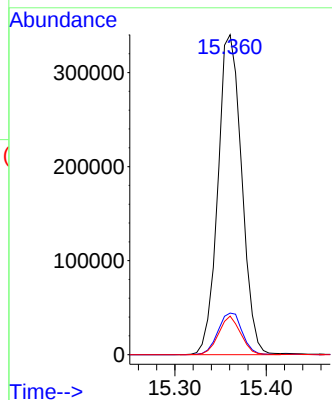
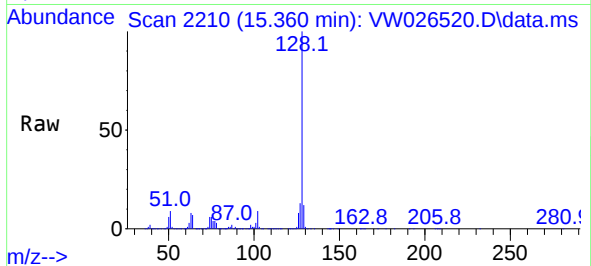




#71
Naphthalene
Concen: 22.773 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

Tgt Ion:128 Resp: 615927
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.2 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.758 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026520.D
Acq: 05 Jul 2023 08:53

Tgt Ion:180 Resp: 256539
Ion Ratio Lower Upper
180 100
182 95.7 75.3 112.9
145 33.9 29.0 43.6

