

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050923\
 Data File : VW025894.D
 Acq On : 09 May 2023 08:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: May 09 23:18:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	626436	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	555952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	220219	24.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.240%
7) Chloroethane-d5	2.899	69	178667	27.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	4.021	65	108167	24.334	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.320%
21) 2-Butanone-d5	7.075	46	139170	47.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.840%
24) Chloroform-d	7.648	84	457310	25.317	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.280%
26) 1,2-Dichloroethane-d4	8.307	65	246296	24.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.276	84	927164	25.523	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.080%
36) 1,2-Dichloropropane-d6	9.270	67	295799	25.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	10.325	98	821386	25.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.440%
43) trans-1,3-Dichloroprop...	10.575	79	111781	23.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.920%
47) 2-Hexanone-d5	10.922	63	96186	48.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220570	24.898	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	244773	23.898	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	161161	23.028	ug/L	97
3) Chloromethane	2.222	50	246340	23.872	ug/L	98
5) Vinyl chloride	2.375	62	249590	23.368	ug/L	100
6) Bromomethane	2.783	94	135811	23.378	ug/L	92
8) Chloroethane	2.930	64	146736	24.161	ug/L	98
9) Trichlorofluoromethane	3.265	101	170102	21.103	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	208758	23.813	ug/L	98
12) 1,1-Dichloroethene	4.045	96	194435	23.208	ug/L	99
13) Acetone	4.118	43	114814	44.123	ug/L	99
14) Carbon disulfide	4.387	76	633074	22.344	ug/L	99
15) Methyl Acetate	4.667	43	107293	20.923	ug/L	99
16) Methylene chloride	4.917	84	210791	16.316	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	205891	22.527	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	293982	21.193	ug/L	100
19) 1,1-Dichloroethane	6.216	63	427203	22.750	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	219784	22.414	ug/L	99
22) 2-Butanone	7.173	43	154714	43.059	ug/L	100
23) Bromochloromethane	7.514	128	91693	22.073	ug/L	98
25) Chloroform	7.673	83	399126	23.126	ug/L	99

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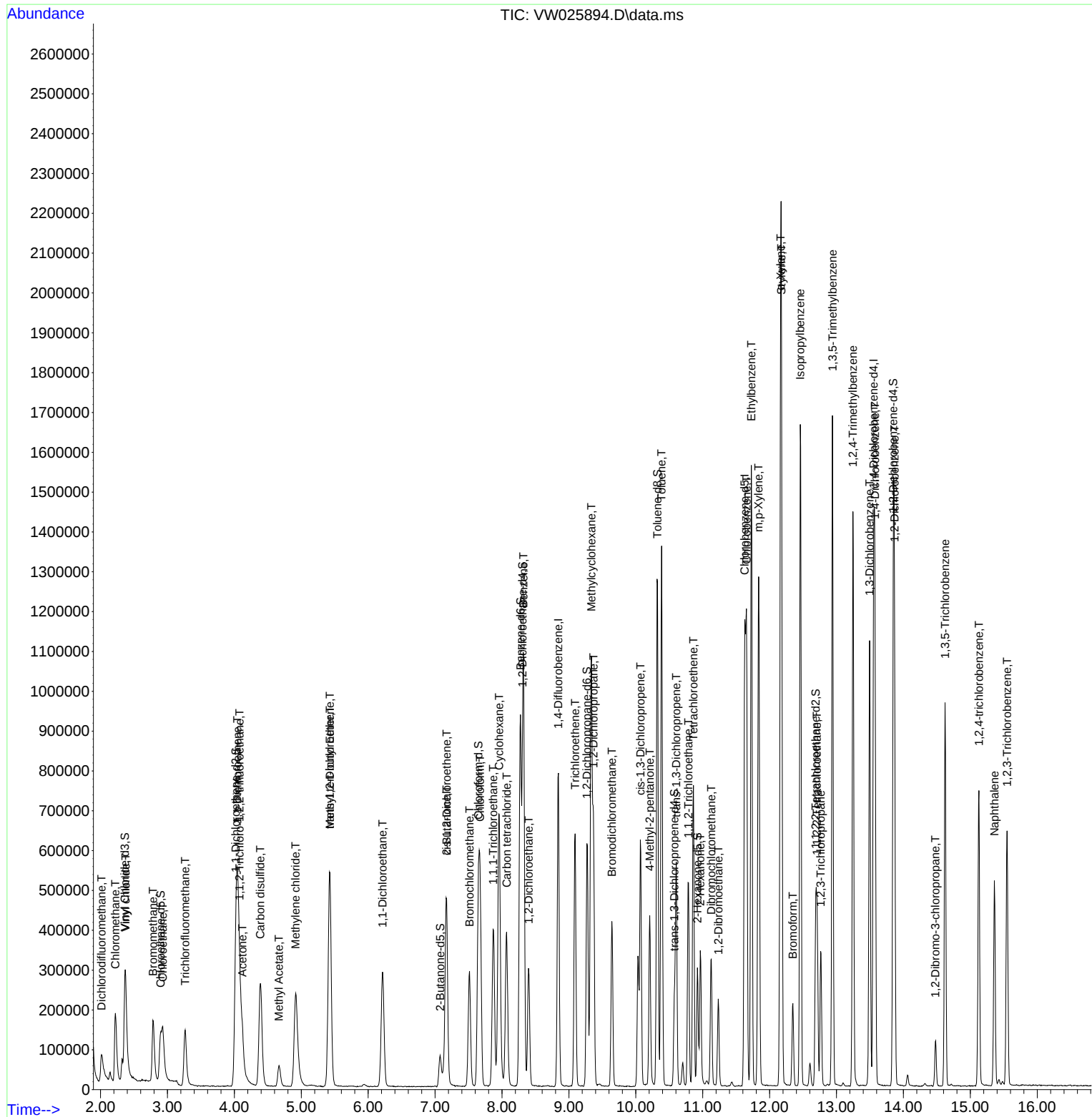
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	272392	22.223	ug/L	100
29) Cyclohexane	7.959	56	403895	23.443	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	316050	23.245	ug/L	99
31) Carbon tetrachloride	8.069	117	292514	23.906	ug/L	99
33) Benzene	8.319	78	902959	23.476	ug/L	100
34) Trichloroethene	9.093	95	225359	22.833	ug/L	98
35) Methylcyclohexane	9.337	83	412108	23.476	ug/L	99
37) 1,2-Dichloropropane	9.367	63	244304	23.183	ug/L	100
38) Bromodichloromethane	9.642	83	275758	22.809	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	351474	22.743	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	301358	43.934	ug/L	99
42) Toluene	10.386	91	926388	23.571	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	291873	22.794	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	158003	22.414	ug/L	97
46) Tetrachloroethene	10.861	164	158836	22.875	ug/L	93
48) 2-Hexanone	10.965	43	230673	46.943	ug/L	97
49) Dibromochloromethane	11.129	129	163693	22.430	ug/L	93
50) 1,2-Dibromoethane	11.233	107	141925	21.840	ug/L	99
51) Chlorobenzene	11.654	112	562582	23.107	ug/L	97
52) Ethylbenzene	11.727	91	1063853	24.064	ug/L	100
53) m,p-Xylene	11.836	106	386577	23.759	ug/L	99
54) o-Xylene	12.166	106	365564	23.836	ug/L	93
55) Styrene	12.178	104	635167	24.197	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	194194	22.078	ug/L	98
59) Bromoform	12.349	173	91202	21.915	ug/L	99
60) Isopropylbenzene	12.458	105	1035643	24.249	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	140973	21.230	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	825395	24.401	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	730568	23.404	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	409914	22.296	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	419809	22.602	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	363196	22.151	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	29665	19.266	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	270818	22.191	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	221126	21.628	ug/L	99
71) Naphthalene	15.360	128	404028	20.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	198966	21.933	ug/L	97

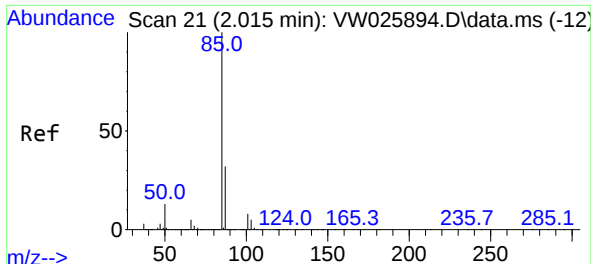
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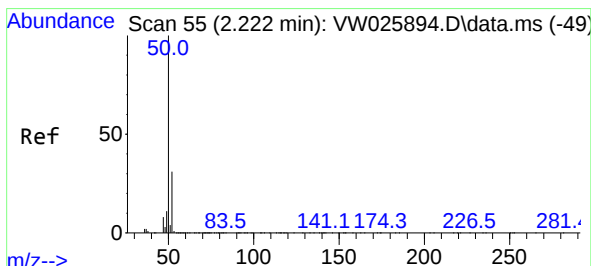
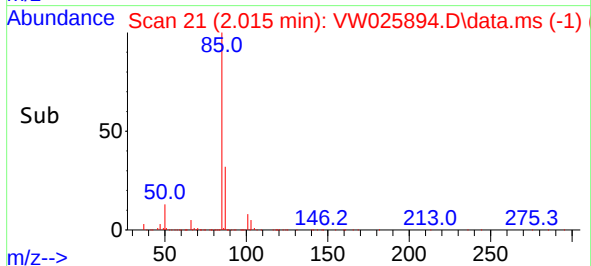
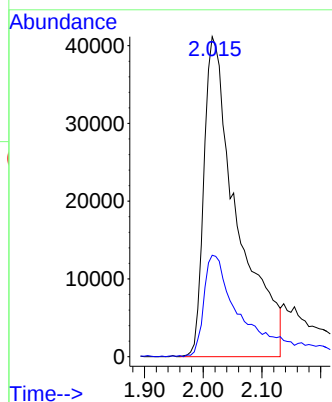
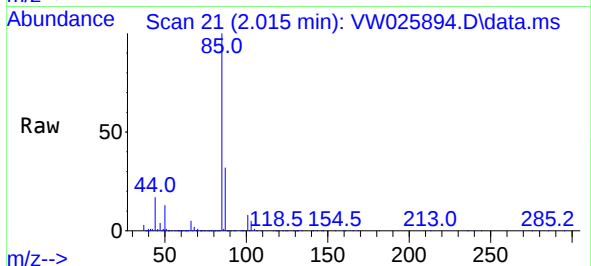




#2
Dichlorodifluoromethane
Concen: 23.028 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

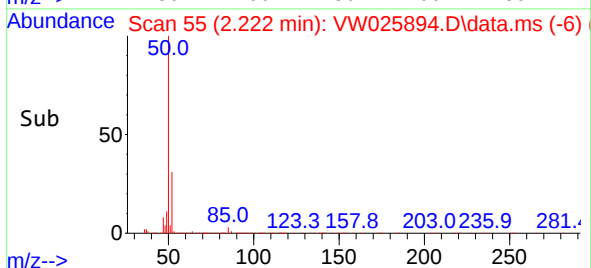
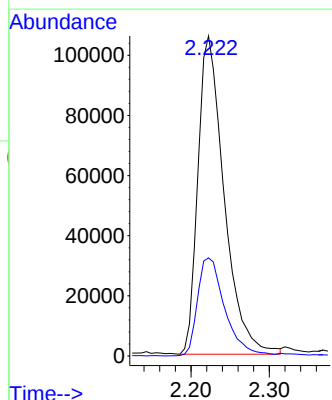
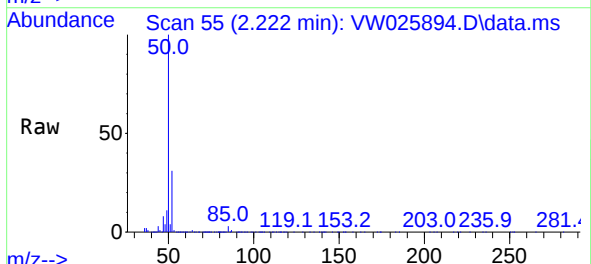
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MSVOA_W
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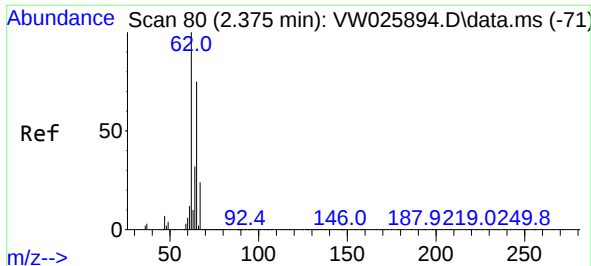
Tgt Ion: 85 Resp: 161161
Ion Ratio Lower Upper
85 100
87 32.5 24.7 37.1



#3
Chloromethane
Concen: 23.872 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 50 Resp: 246340
Ion Ratio Lower Upper
50 100
52 30.7 22.1 41.1

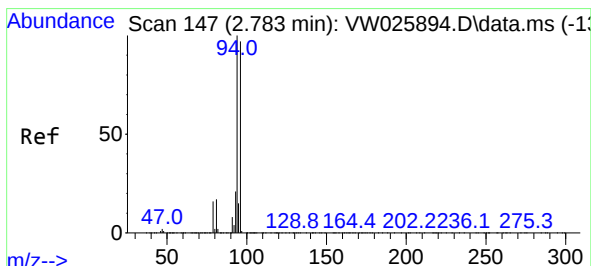
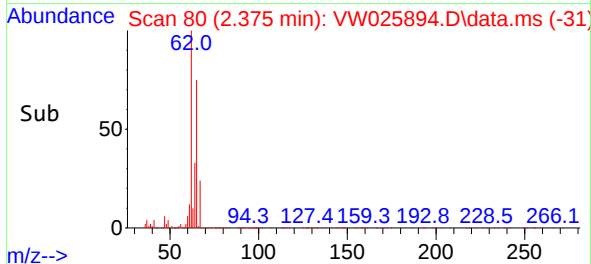
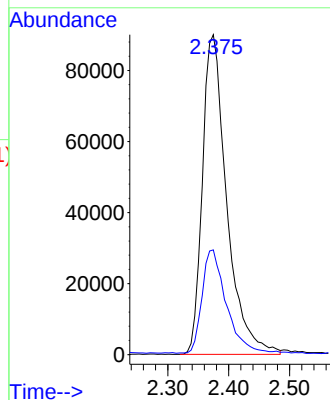
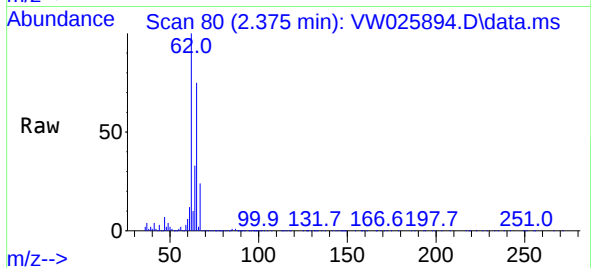




#5
 Vinyl chloride
 Concen: 23.368 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025894.D
 Acq: 09 May 2023 08:22

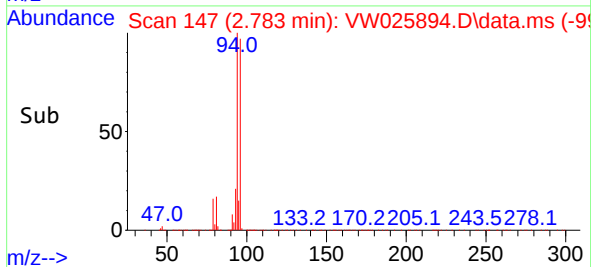
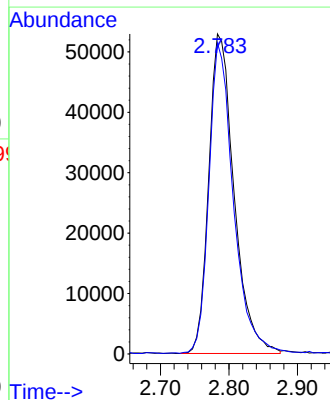
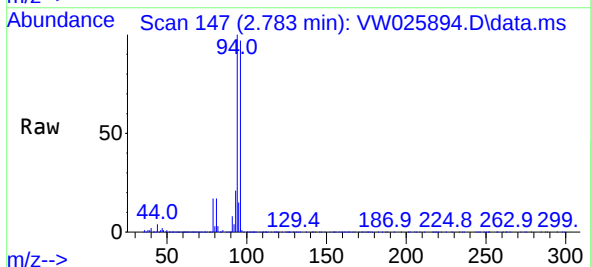
Instrument :
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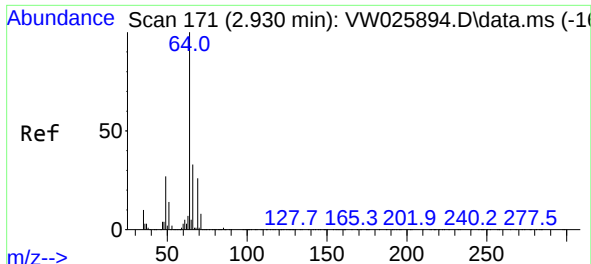
Tgt Ion: 62 Resp: 249590
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.7 42.3



#6
 Bromomethane
 Concen: 23.378 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025894.D
 Acq: 09 May 2023 08:22

Tgt Ion: 94 Resp: 135811
 Ion Ratio Lower Upper
 94 100
 96 97.2 63.1 117.1

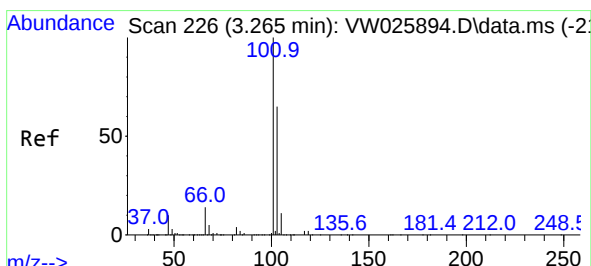
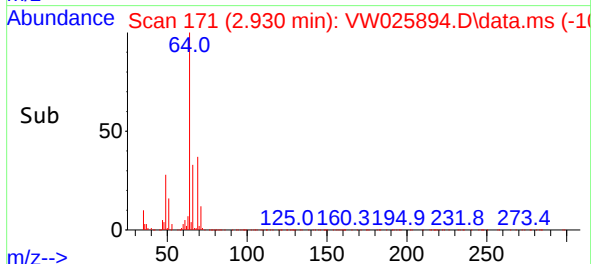
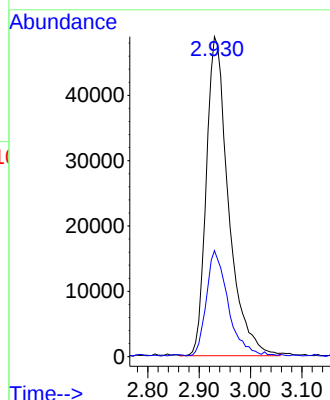
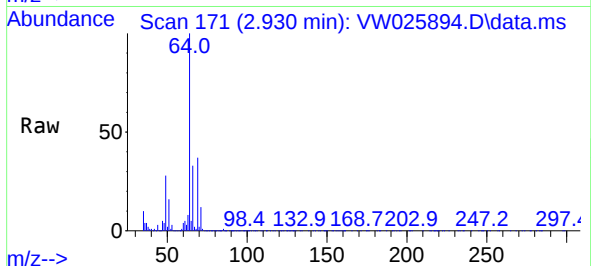




#8
Chloroethane
Concen: 24.161 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

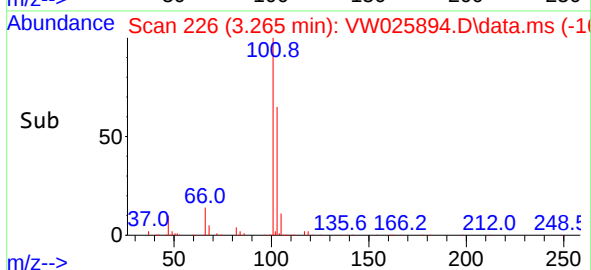
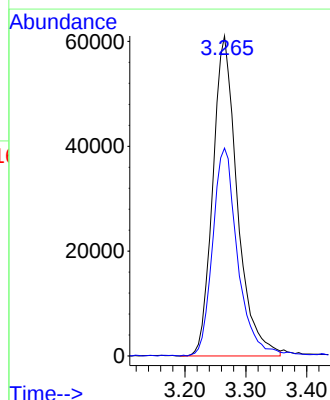
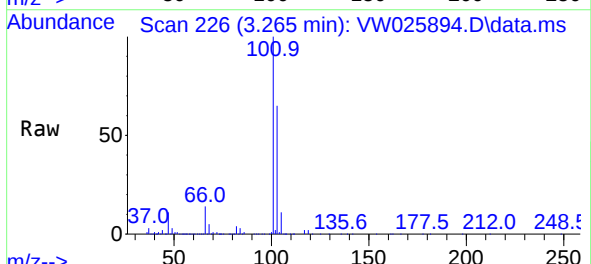
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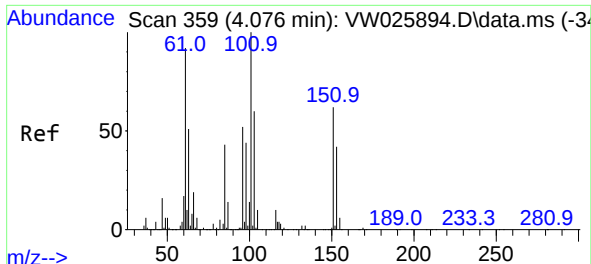
Tgt Ion: 64 Resp: 146736
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 21.103 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 101 Resp: 170102
Ion Ratio Lower Upper
101 100
103 65.2 50.6 76.0

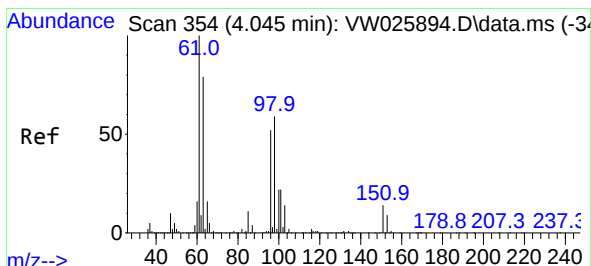
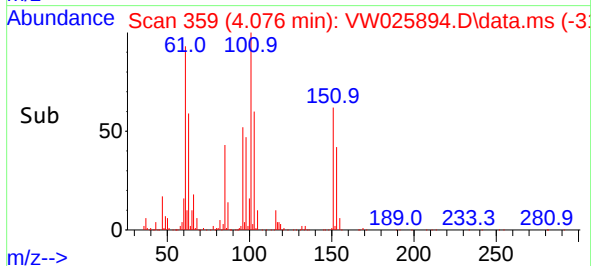
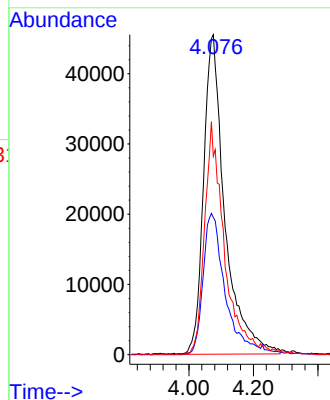
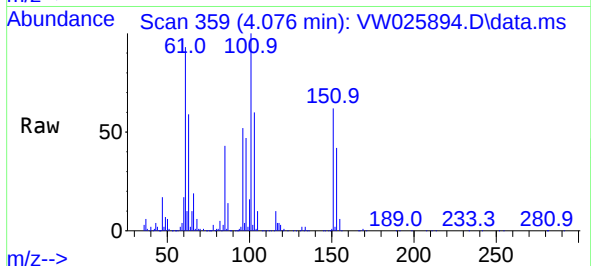




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.813 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025894.D
 Acq: 09 May 2023 08:22

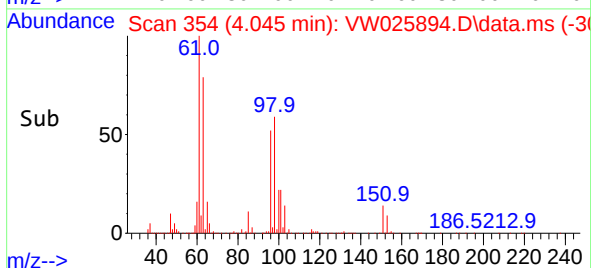
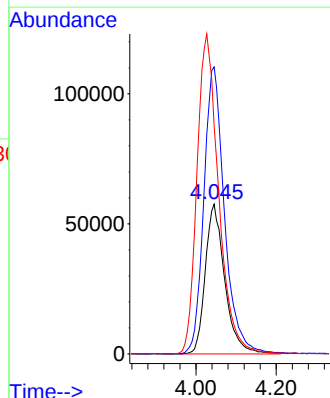
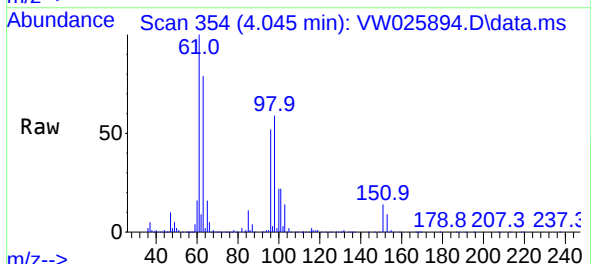
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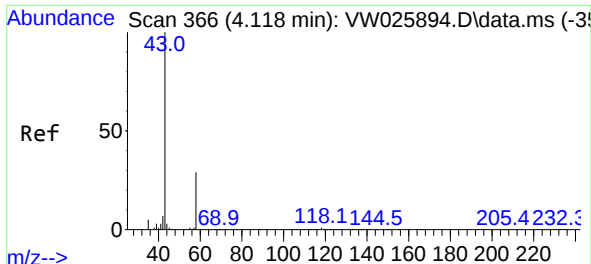
Tgt Ion:101 Resp: 208758
 Ion Ratio Lower Upper
 101 100
 85 41.1 33.9 50.9
 151 65.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.208 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025894.D
 Acq: 09 May 2023 08:22

Tgt Ion: 96 Resp: 194435
 Ion Ratio Lower Upper
 96 100
 61 191.7 135.0 250.8
 63 152.3 104.9 194.7

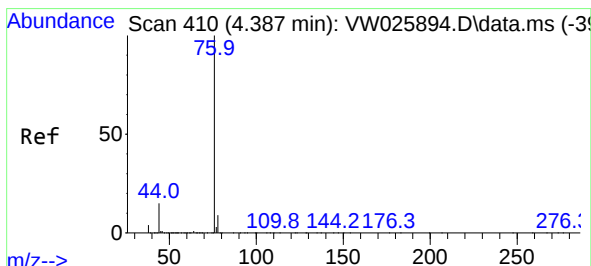
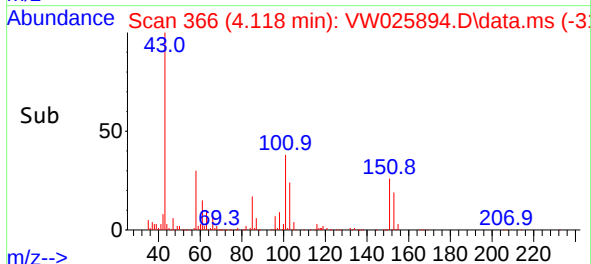
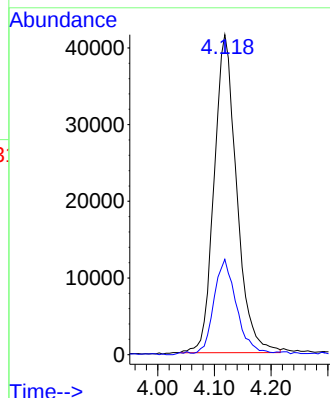
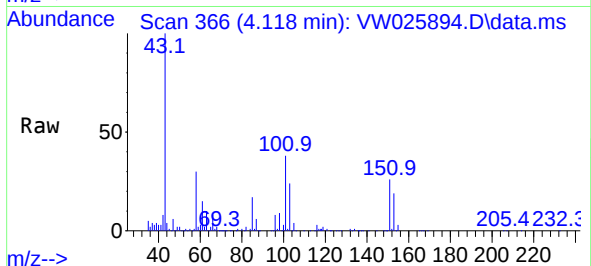




#13
Acetone
Concen: 44.123 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW025894.D
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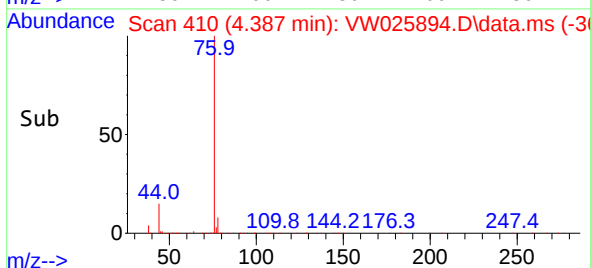
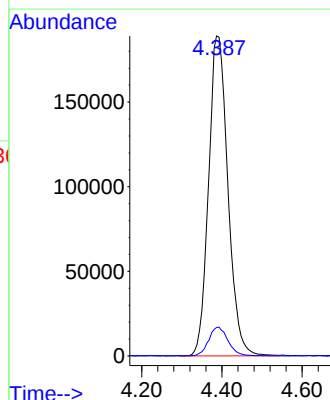
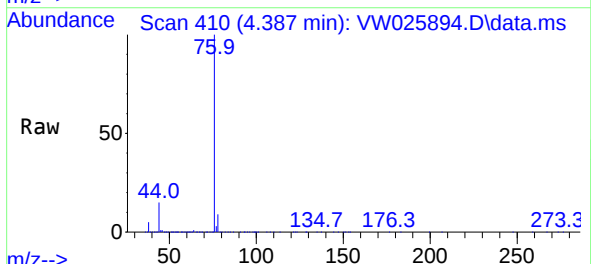
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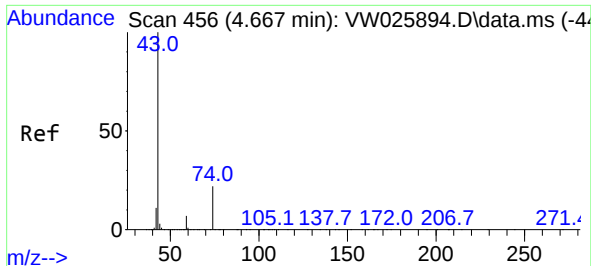
Tgt Ion: 43 Resp: 114814
Ion Ratio Lower Upper
43 100
58 29.4 0.0 58.2



#14
Carbon disulfide
Concen: 22.344 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 633074
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

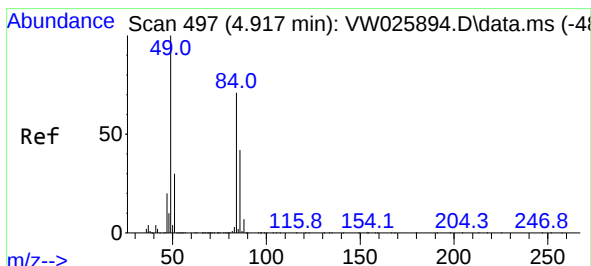
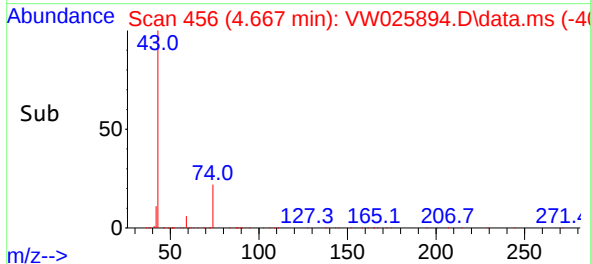
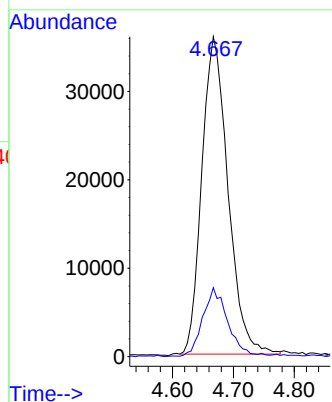
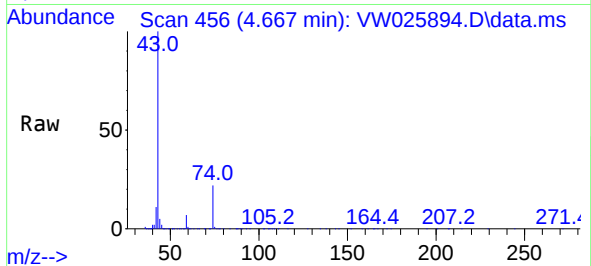




#15
Methyl Acetate
Concen: 20.923 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

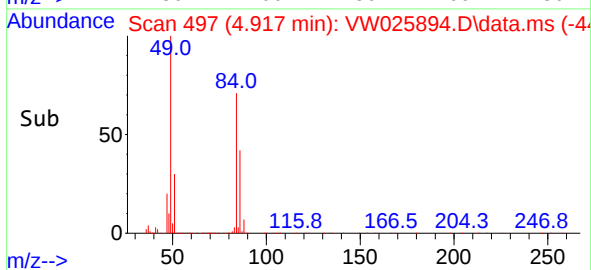
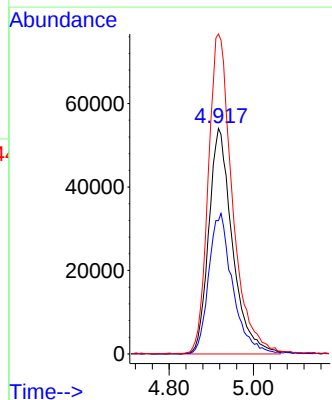
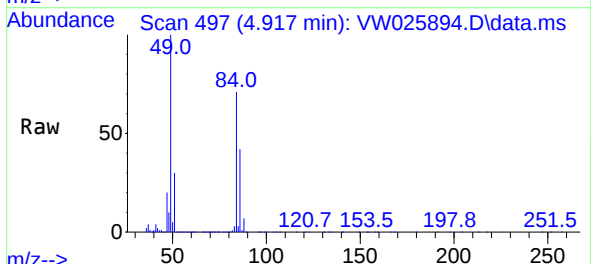
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

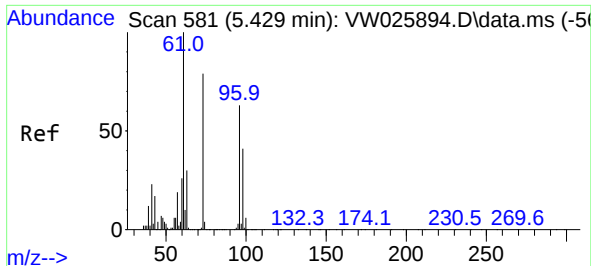
Tgt Ion: 43 Resp: 107293
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7



#16
Methylene chloride
Concen: 16.316 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 84 Resp: 210791
Ion Ratio Lower Upper
84 100
86 59.1 41.7 77.5
49 141.8 95.3 177.1

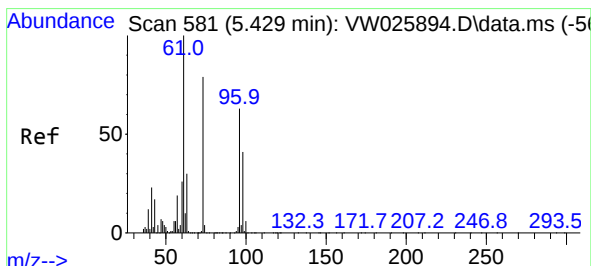
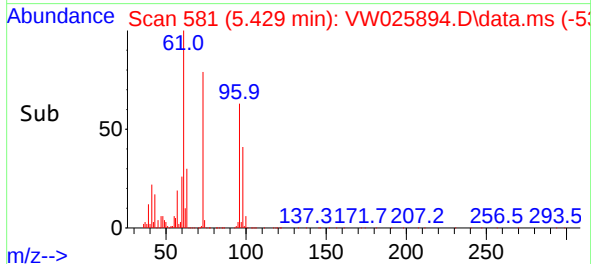
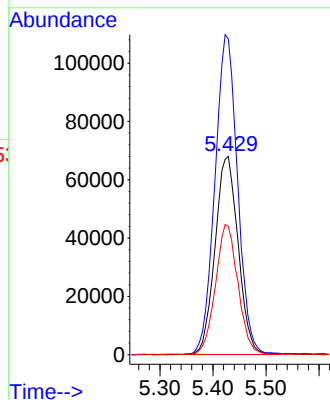
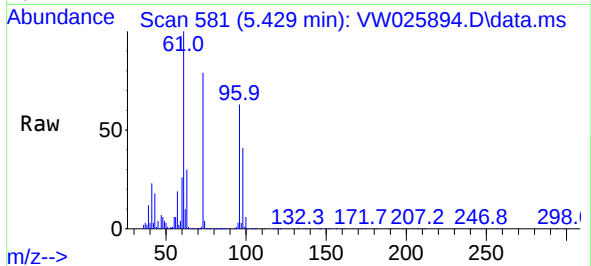




#17
trans-1,2-Dichloroethene
Concen: 22.527 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

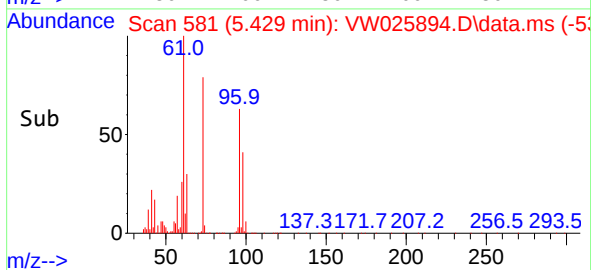
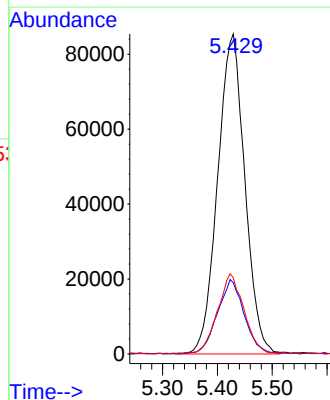
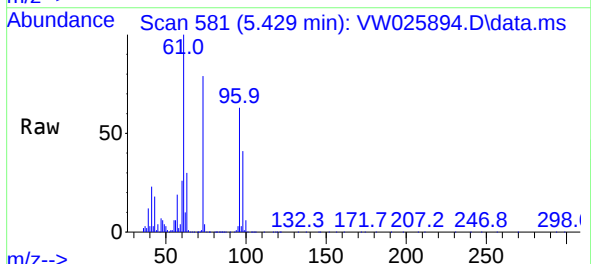
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

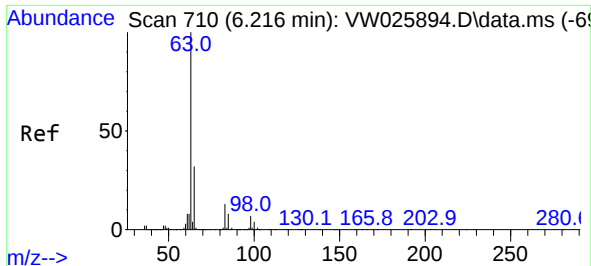
Tgt Ion: 96 Resp: 205891
Ion Ratio Lower Upper
96 100
61 159.2 108.1 200.9
98 64.6 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 21.193 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 73 Resp: 293982
Ion Ratio Lower Upper
73 100
43 22.4 18.2 27.4
57 24.0 19.2 28.8





#19

1,1-Dichloroethane

Concen: 22.750 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

Instrument :

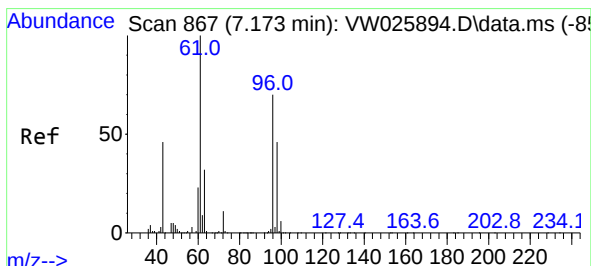
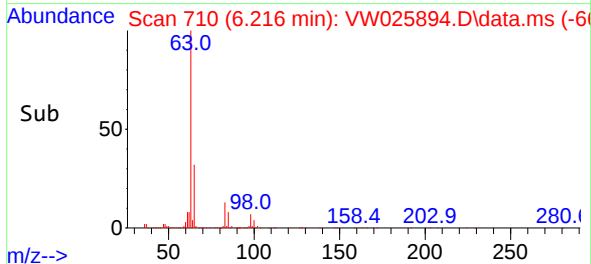
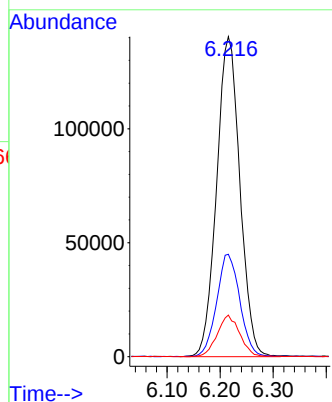
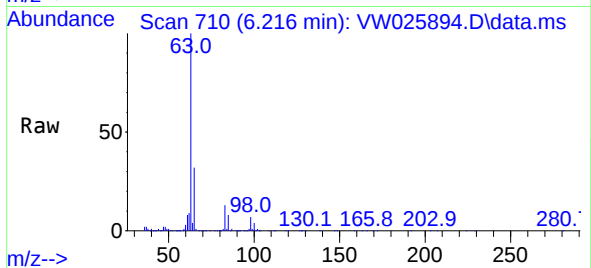
MSVOA_W

ClientSampleId :

VSTD025481

Tgt Ion: 63 Resp: 427203

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	13.0	8.7	16.1



#20

cis-1,2-Dichloroethene

Concen: 22.414 ug/L

RT: 7.173 min Scan# 867

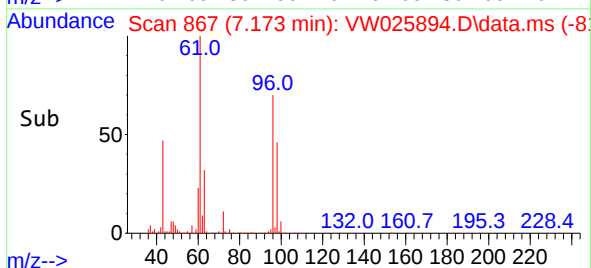
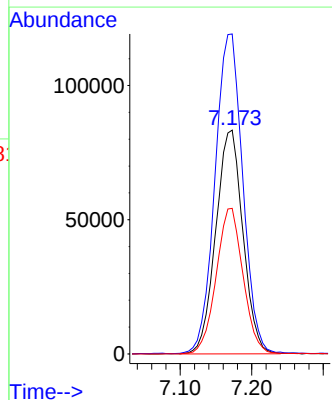
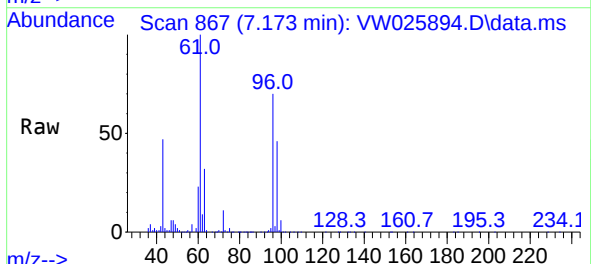
Delta R.T. 0.006 min

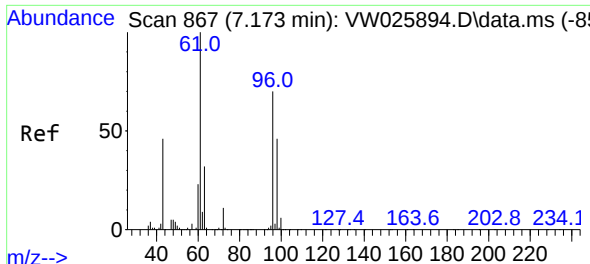
Lab File: VW025894.D

Acq: 09 May 2023 08:22

Tgt Ion: 96 Resp: 219784

Ion	Ratio	Lower	Upper
96	100		
61	143.0	98.6	183.0
98	65.1	45.2	84.0

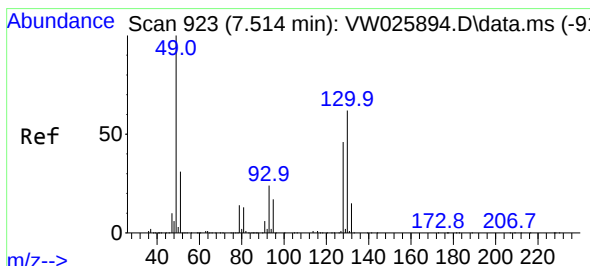
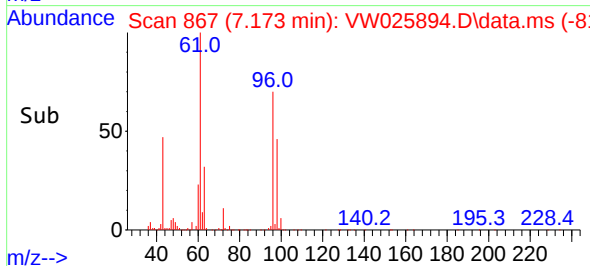
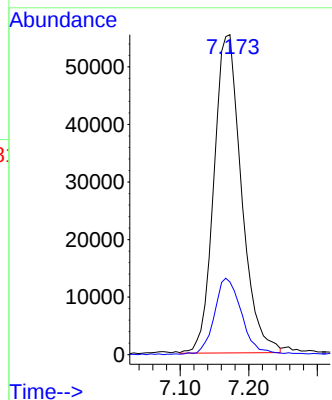
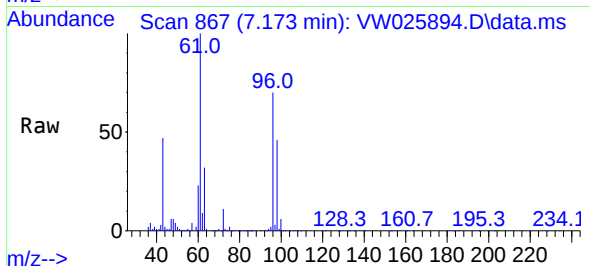




#22
2-Butanone
Concen: 43.059 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

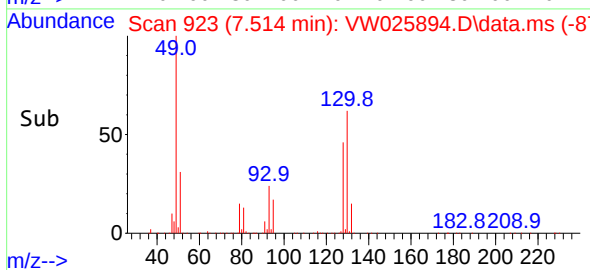
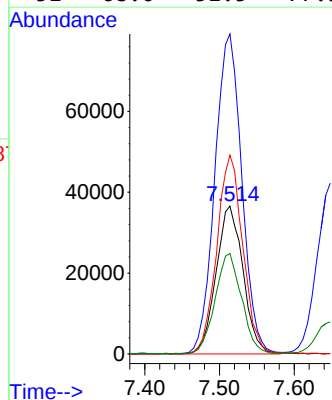
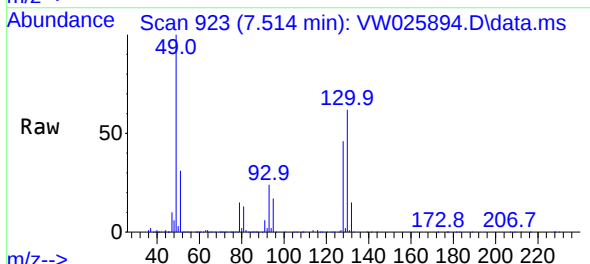
Instrument : MSVOA_W
ClientSampleId : VSTD025481

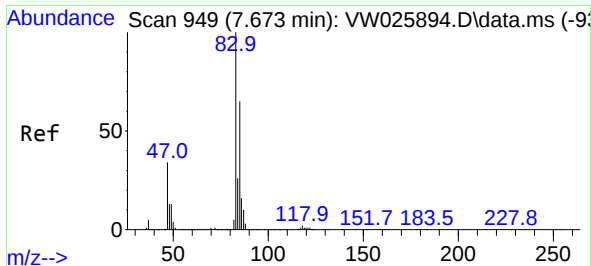
Tgt Ion: 43 Resp: 154714
Ion Ratio Lower Upper
43 100
72 23.4 11.8 35.4



#23
Bromochloromethane
Concen: 22.073 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 128 Resp: 91693
Ion Ratio Lower Upper
128 100
49 216.4 151.5 281.5
130 134.3 91.3 169.6
51 68.0 51.5 77.3

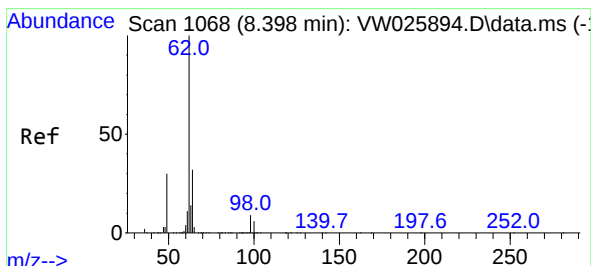
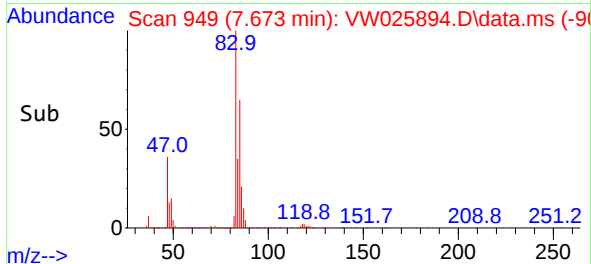
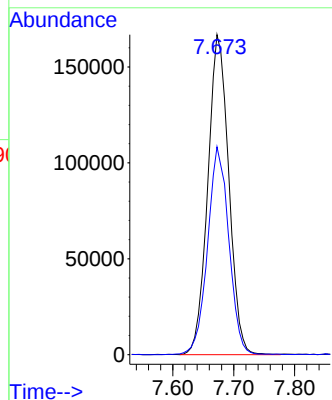
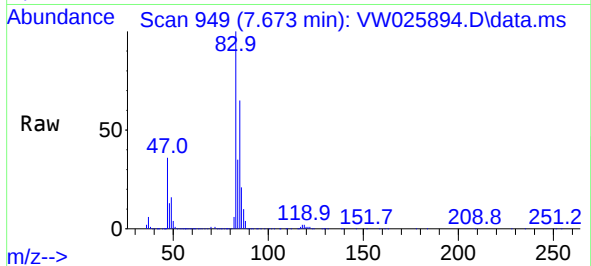




#25
Chloroform
Concen: 23.126 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

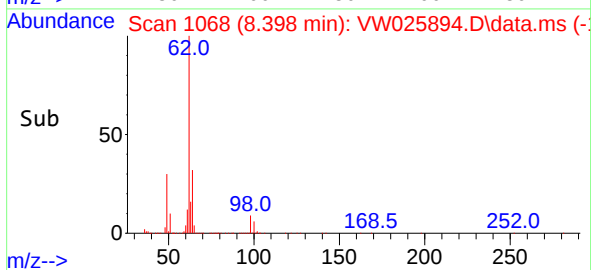
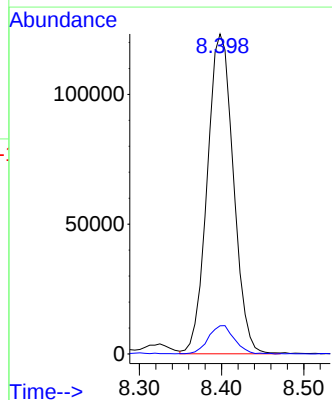
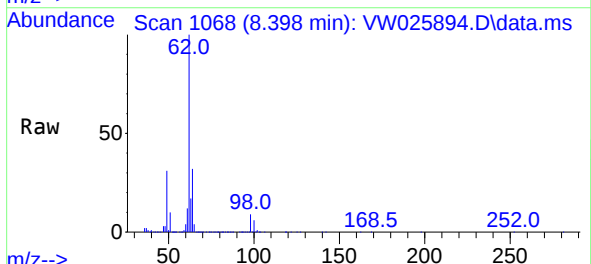
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

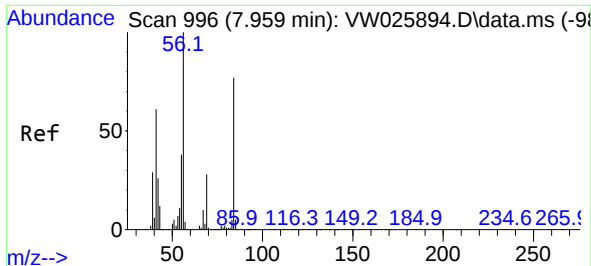
Tgt Ion: 83 Resp: 399126
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 22.223 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 62 Resp: 272392
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 23.443 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

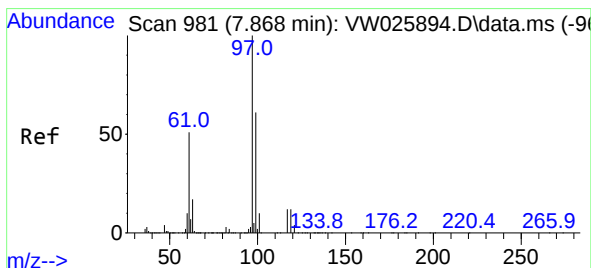
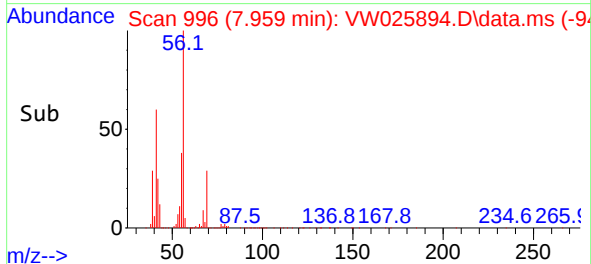
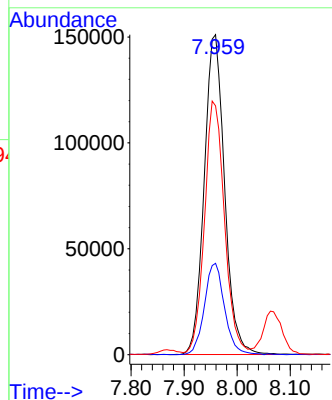
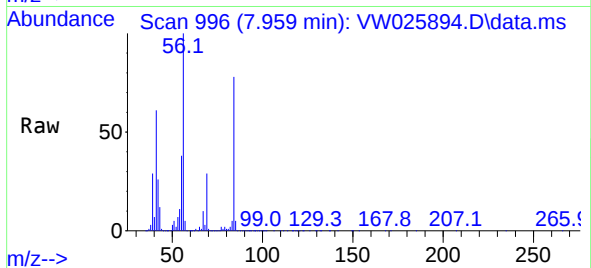
Tgt Ion: 56 Resp: 403895

Ion Ratio Lower Upper

56 100

69 28.2 23.4 35.0

84 77.8 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 23.245 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

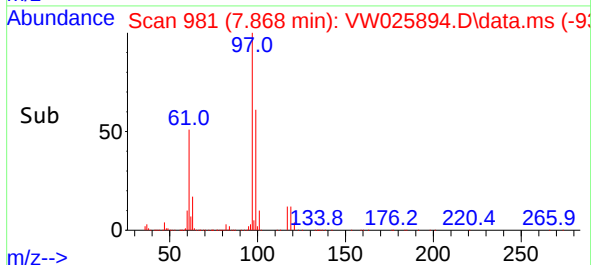
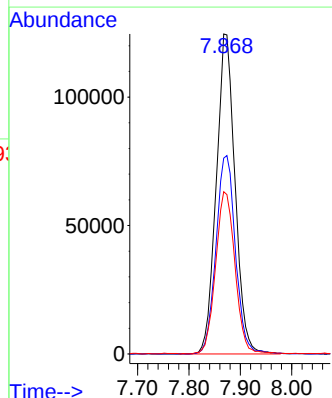
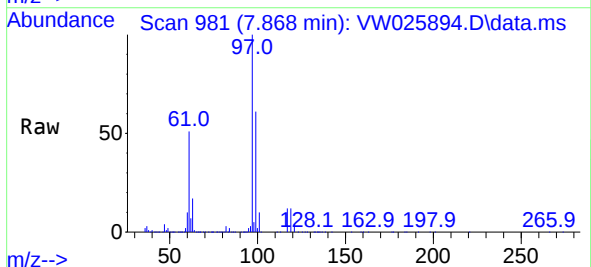
Tgt Ion: 97 Resp: 316050

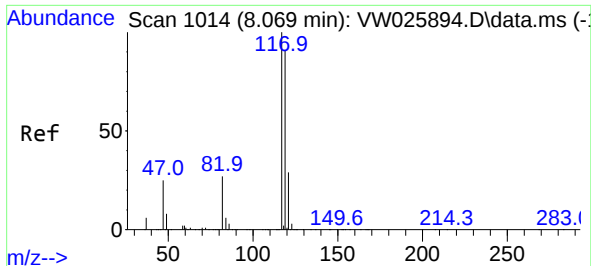
Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 52.3 40.4 60.6

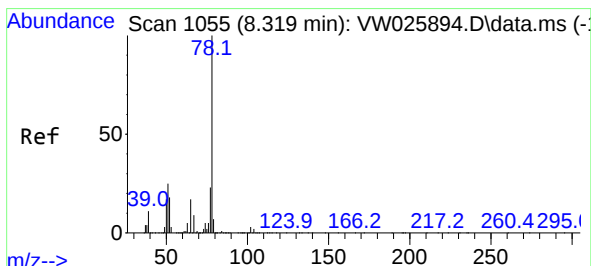
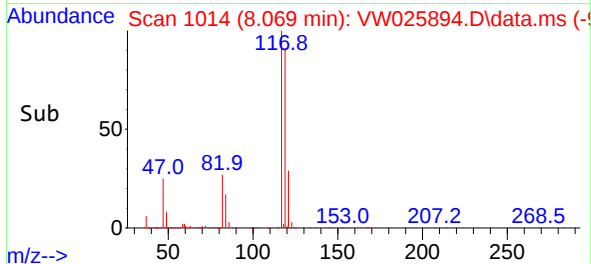
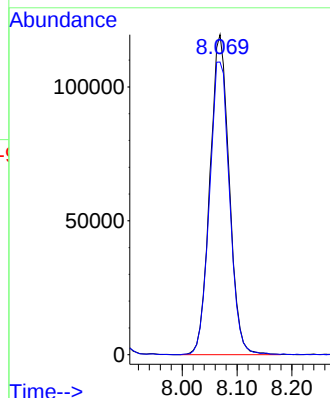
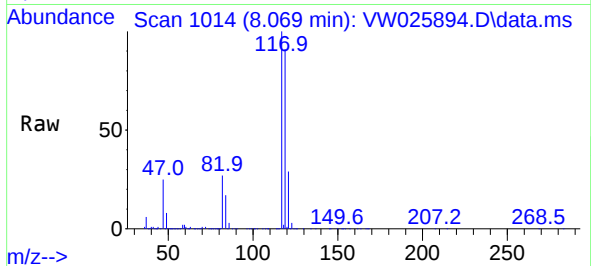




#31
Carbon tetrachloride
Concen: 23.906 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

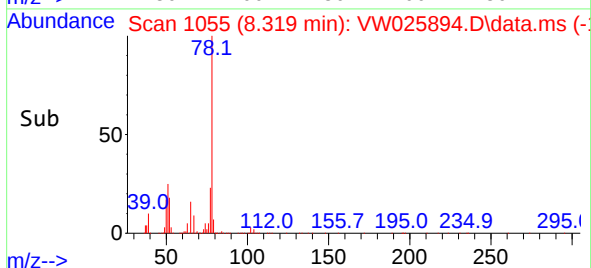
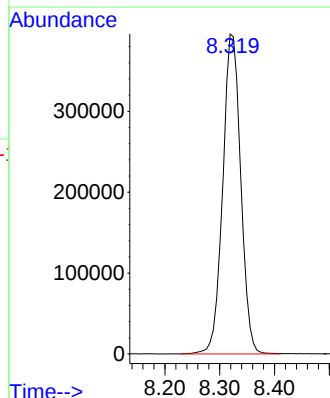
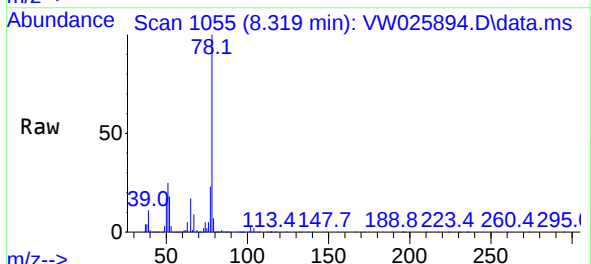
Instrument : MSVOA_W
ClientSampleId : VSTD025481

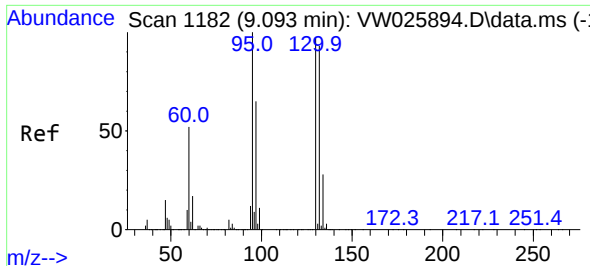
Tgt Ion:117 Resp: 292514
Ion Ratio Lower Upper
117 100
119 94.7 76.9 115.3



#33
Benzene
Concen: 23.476 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 78 Resp: 902959



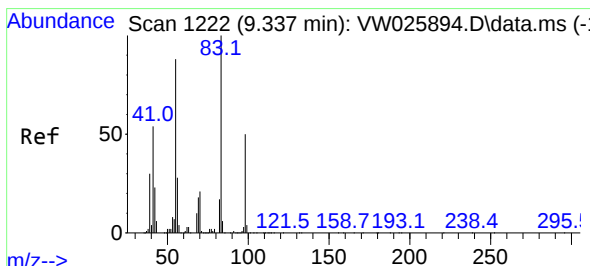
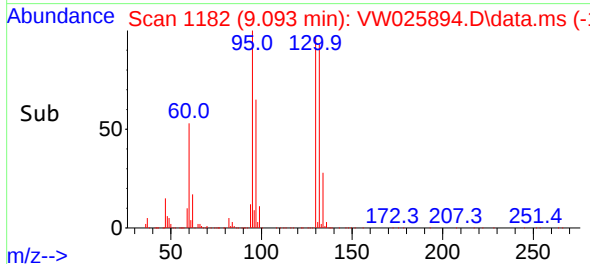
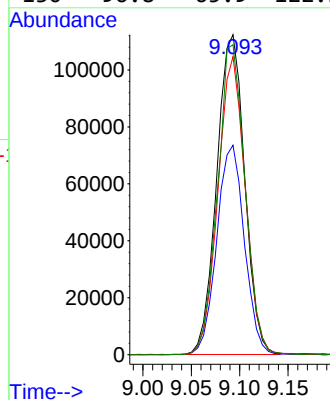
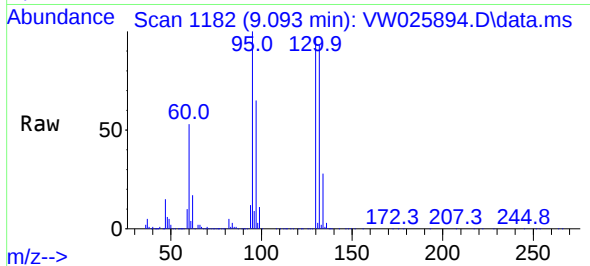


#34
Trichloroethene
Concen: 22.833 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

Tgt Ion: 95 Resp: 225359

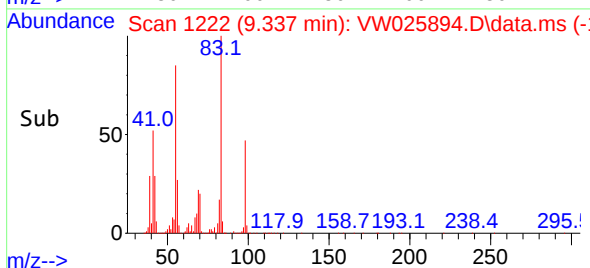
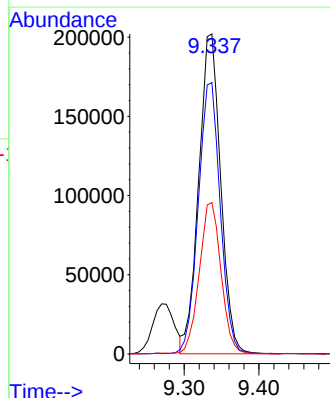
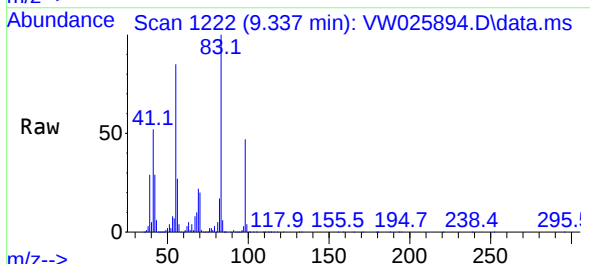
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.9	85.3
132	93.2	66.0	122.6
130	96.8	65.9	122.3

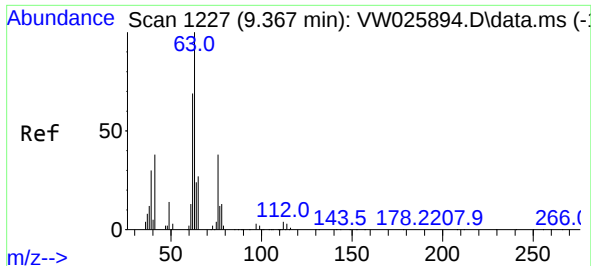


#35
Methylcyclohexane
Concen: 23.476 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 83 Resp: 412108

Ion	Ratio	Lower	Upper
83	100		
55	85.0	69.0	103.4
98	47.0	37.1	55.7

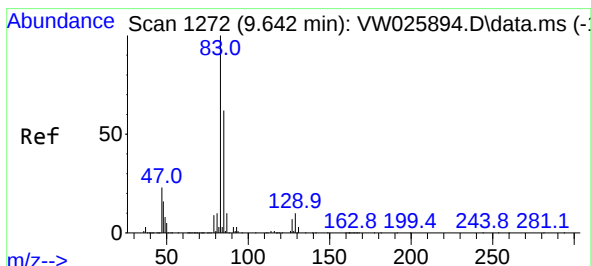
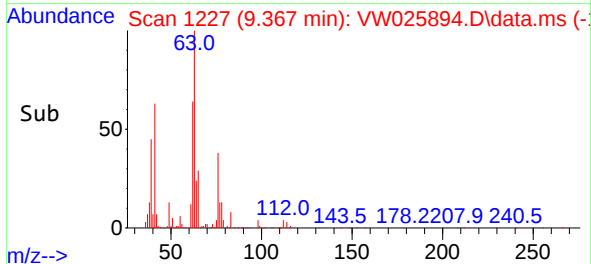
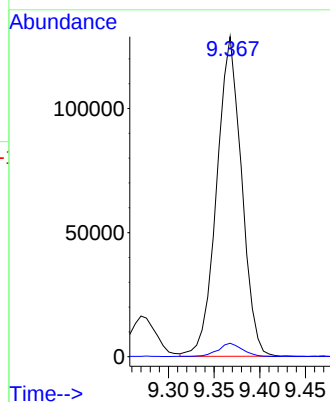
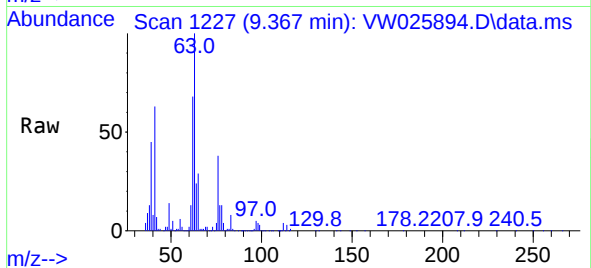




#37
1,2-Dichloropropane
Concen: 23.183 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

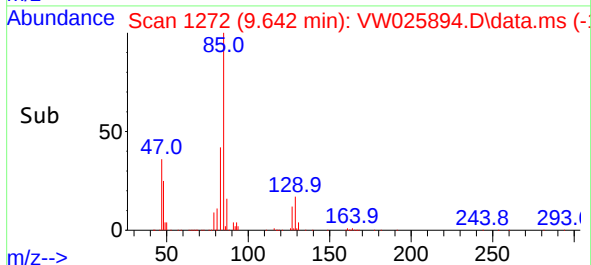
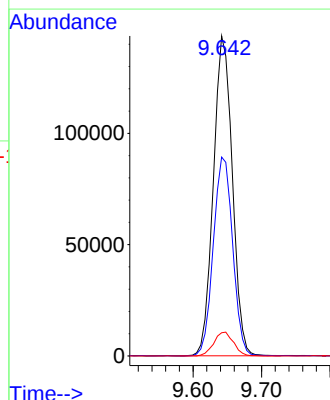
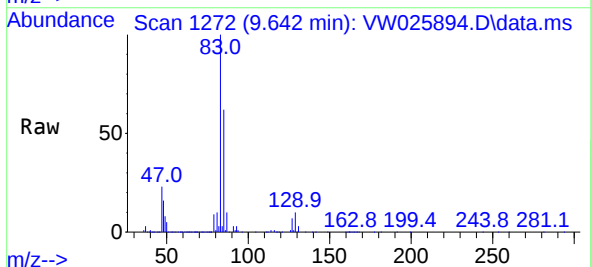
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

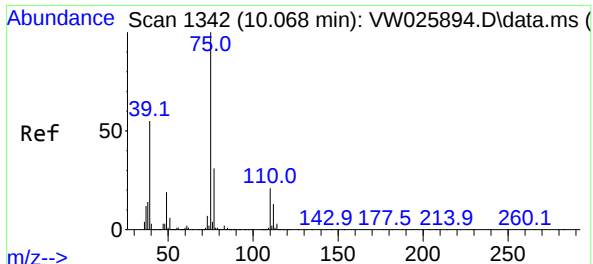
Tgt Ion: 63 Resp: 244304
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 22.809 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 83 Resp: 275758
Ion Ratio Lower Upper
83 100
85 62.2 44.4 82.5
127 7.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 22.743 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

Instrument :

MSVOA_W

ClientSampleId :

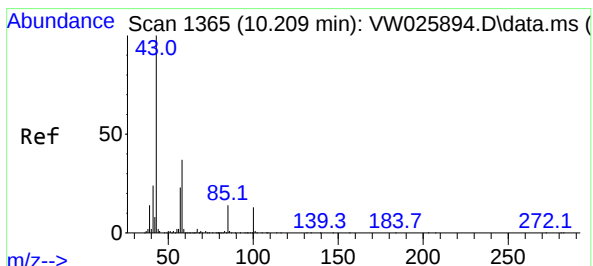
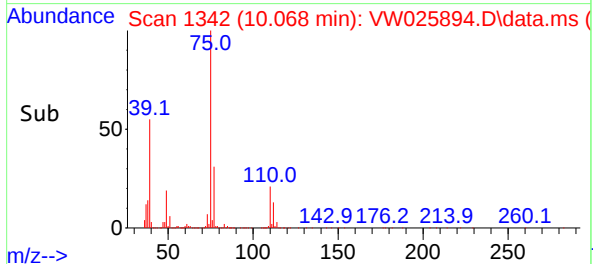
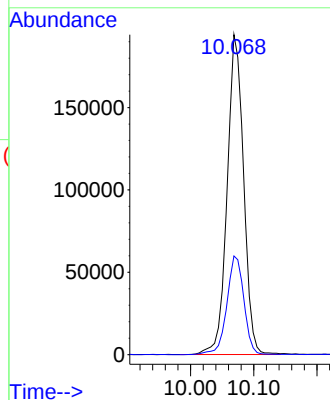
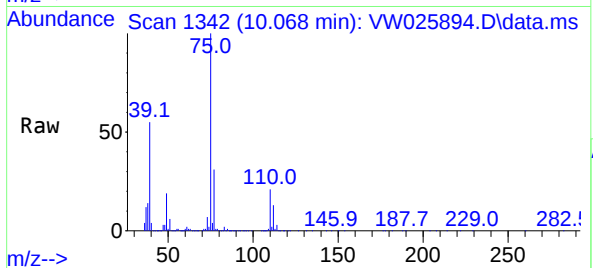
VSTD025481

Tgt Ion: 75 Resp: 351474

Ion Ratio Lower Upper

75 100

77 30.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 43.934 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

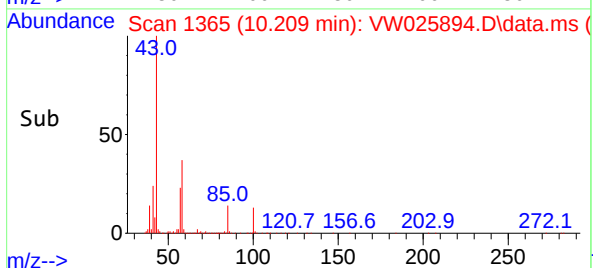
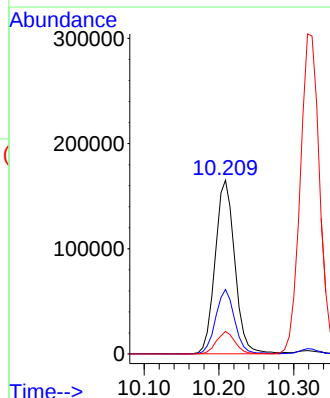
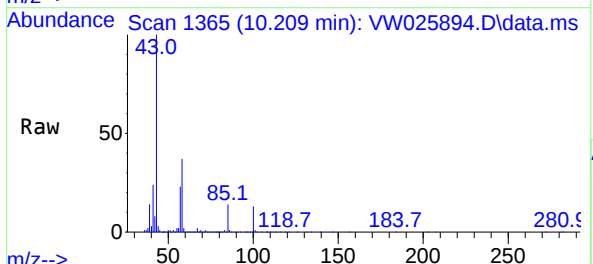
Tgt Ion: 43 Resp: 301358

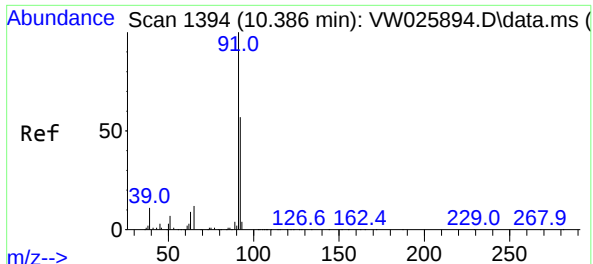
Ion Ratio Lower Upper

43 100

58 36.0 29.4 44.0

100 12.5 10.1 15.1





#42

Toluene

Concen: 23.571 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

Instrument :

MSVOA_W

ClientSampleId :

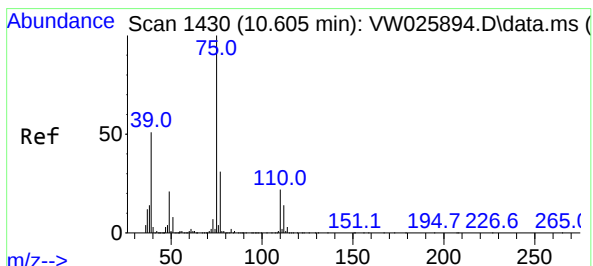
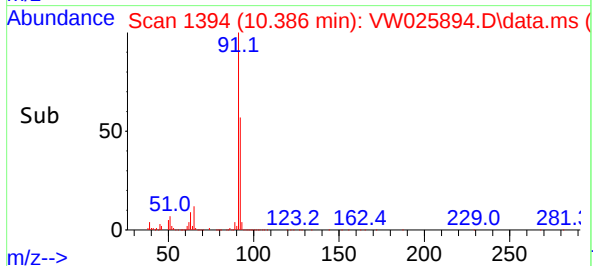
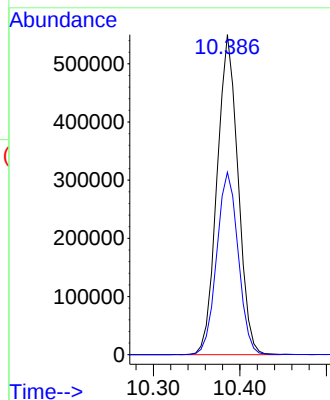
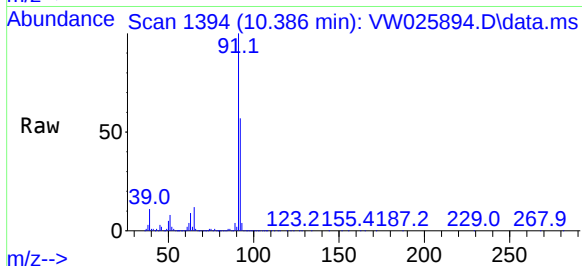
VSTD025481

Tgt Ion: 91 Resp: 926388

Ion Ratio Lower Upper

91 100

92 57.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 22.794 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025894.D

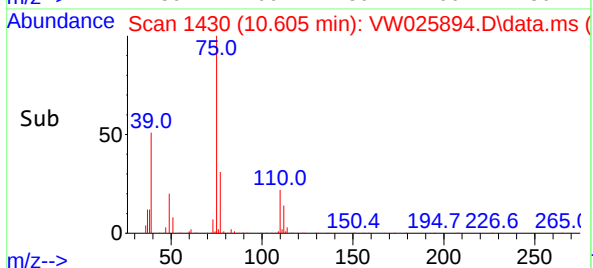
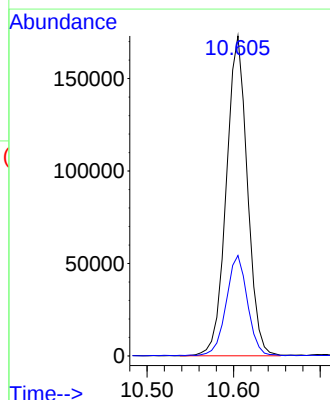
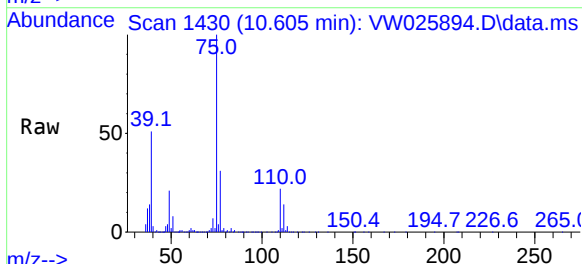
Acq: 09 May 2023 08:22

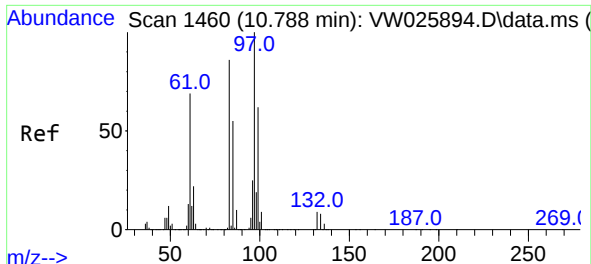
Tgt Ion: 75 Resp: 291873

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



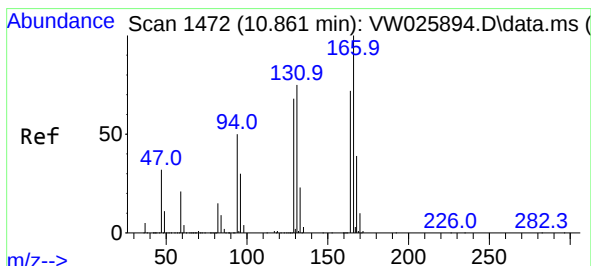
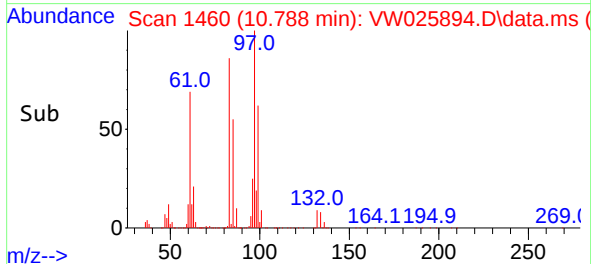
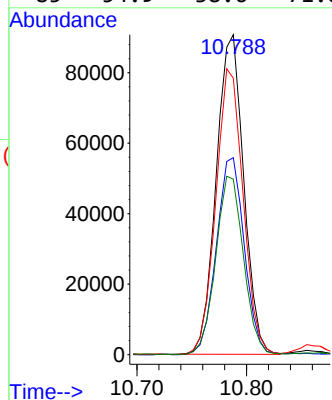
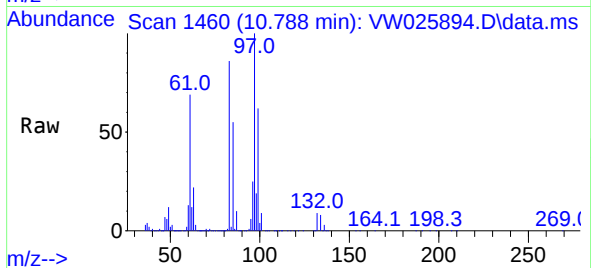


#45
1,1,2-Trichloroethane
Concen: 22.414 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

Tgt Ion: 97 Resp: 158003

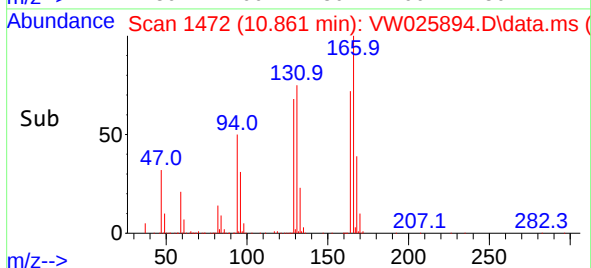
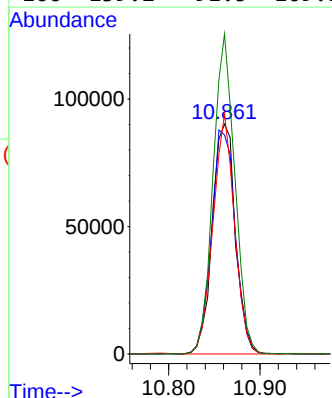
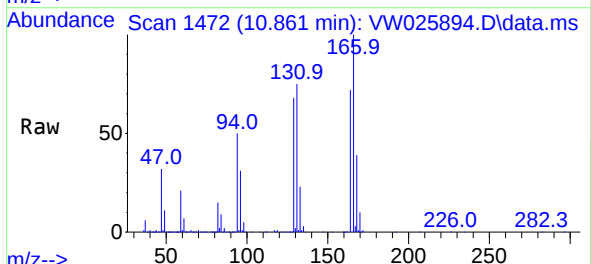
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.5	82.7
83	86.4	63.0	117.0
85	54.9	38.6	71.8

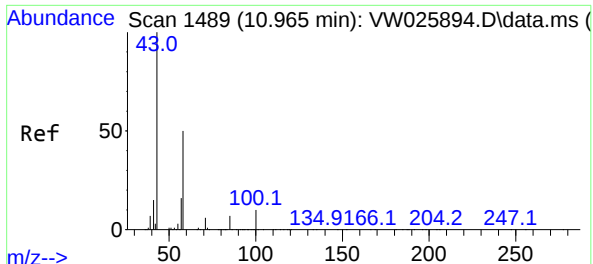


#46
Tetrachloroethene
Concen: 22.875 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 164 Resp: 158836

Ion	Ratio	Lower	Upper
164	100		
129	95.3	74.3	138.1
131	104.3	71.3	132.3
166	139.2	91.5	169.9





#48

2-Hexanone

Concen: 46.943 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

Tgt Ion: 43 Resp: 230673

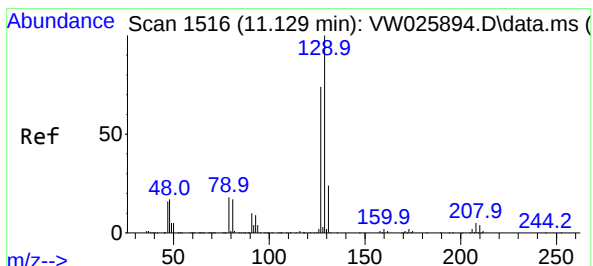
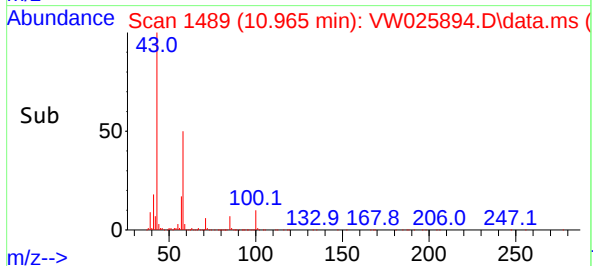
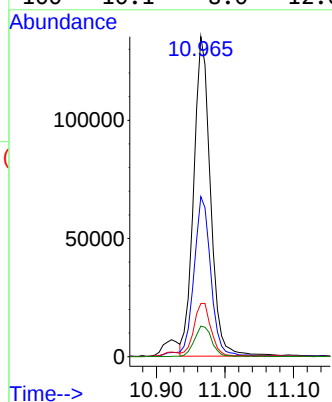
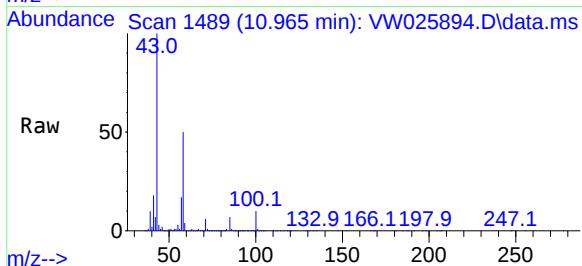
Ion Ratio Lower Upper

43 100

58 48.3 40.8 61.2

57 17.0 13.6 20.4

100 10.1 8.0 12.0



#49

Dibromochloromethane

Concen: 22.430 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW025894.D

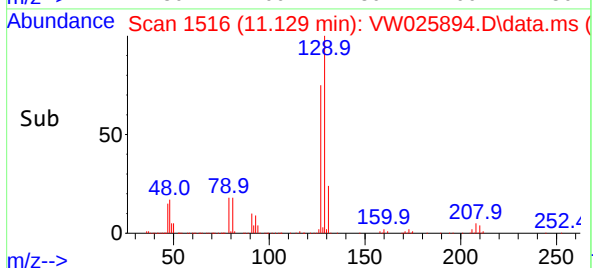
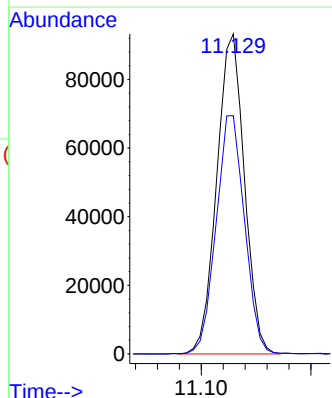
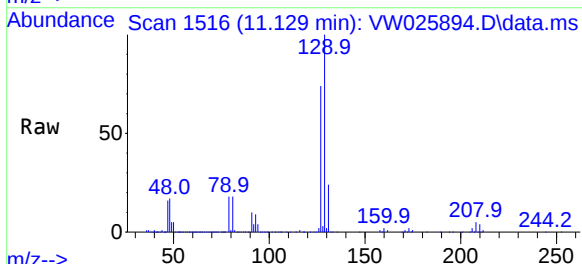
Acq: 09 May 2023 08:22

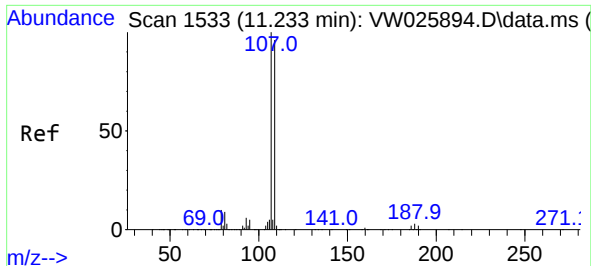
Tgt Ion:129 Resp: 163693

Ion Ratio Lower Upper

129 100

127 74.4 56.1 104.3





#50

1,2-Dibromoethane

Concen: 21.840 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

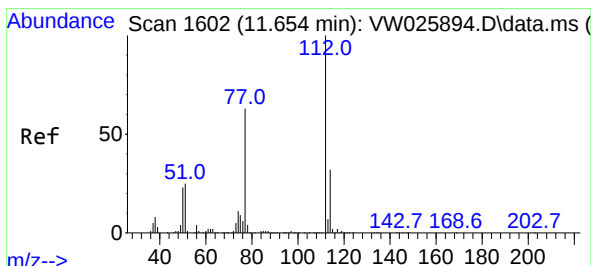
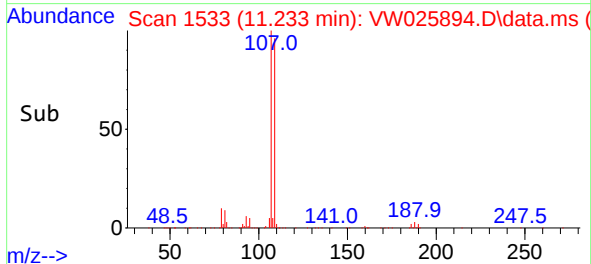
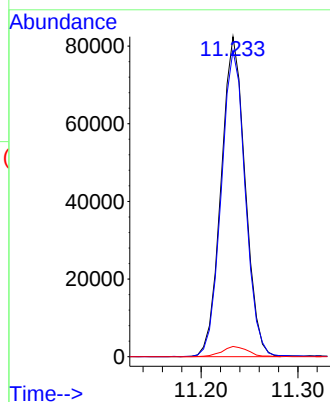
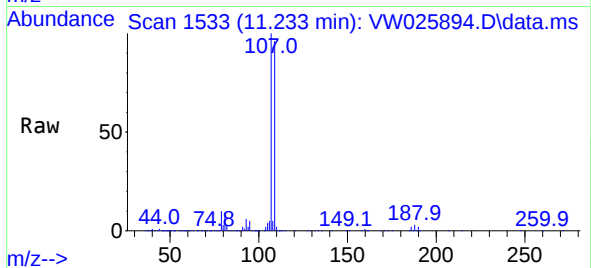
Tgt Ion:107 Resp: 141925

Ion Ratio Lower Upper

107 100

109 95.7 67.5 125.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 23.107 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025894.D

Acq: 09 May 2023 08:22

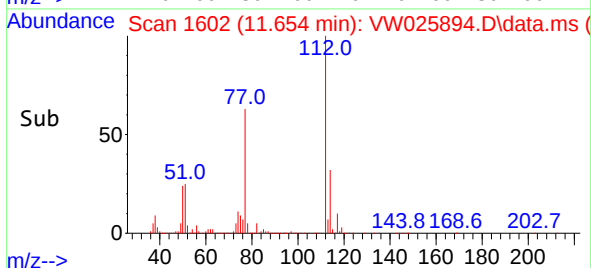
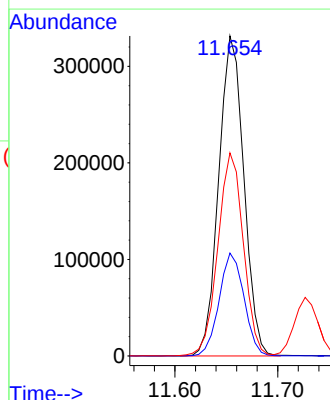
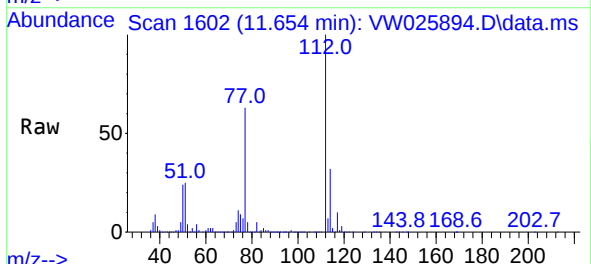
Tgt Ion:112 Resp: 562582

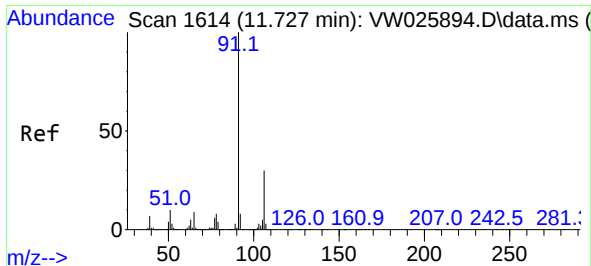
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

77 63.5 53.0 79.6

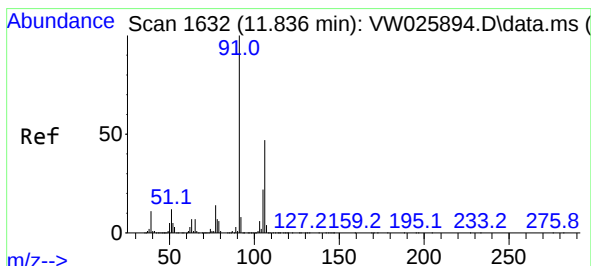
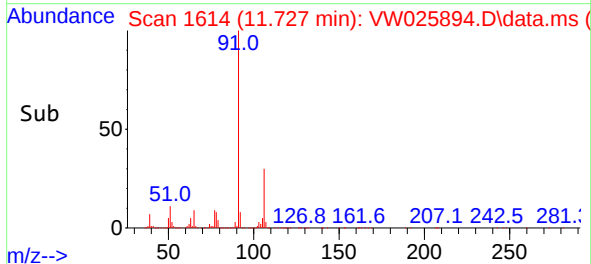
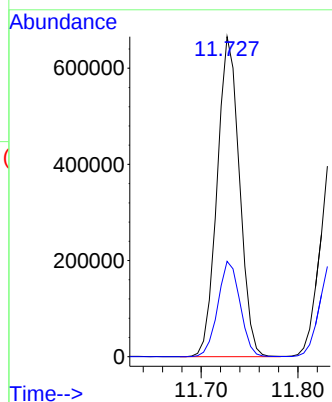
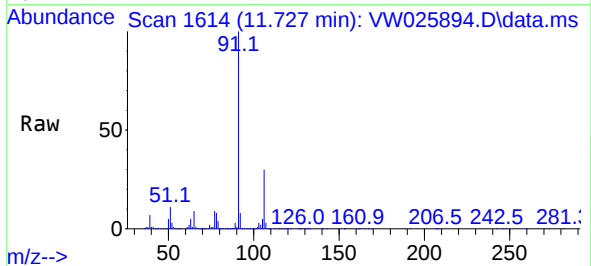




#52
Ethylbenzene
Concen: 24.064 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

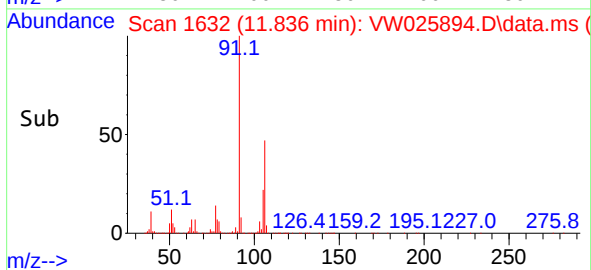
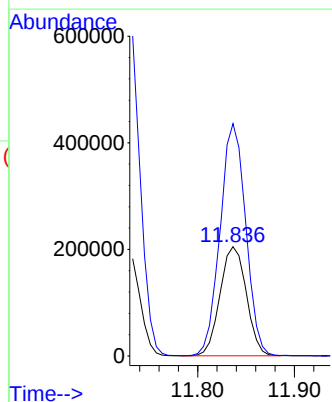
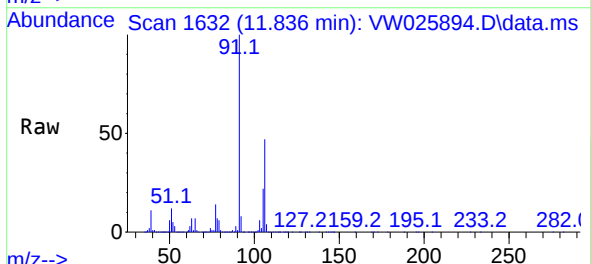
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

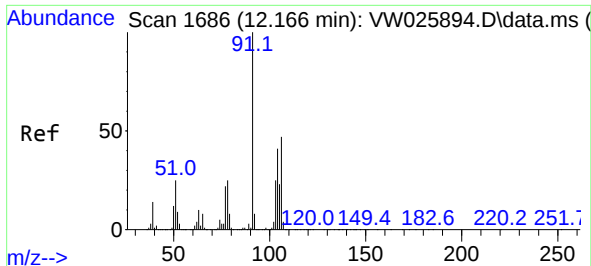
Tgt Ion: 91 Resp: 1063853
Ion Ratio Lower Upper
91 100
106 29.8 20.8 38.6



#53
m,p-Xylene
Concen: 23.759 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion:106 Resp: 386577
Ion Ratio Lower Upper
106 100
91 212.4 150.1 278.9

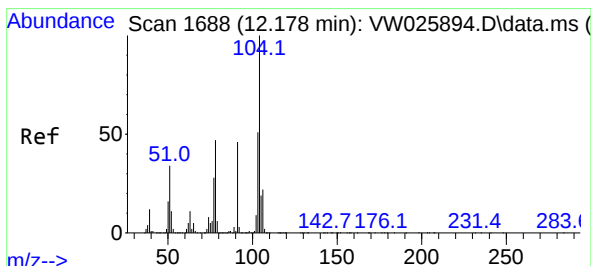
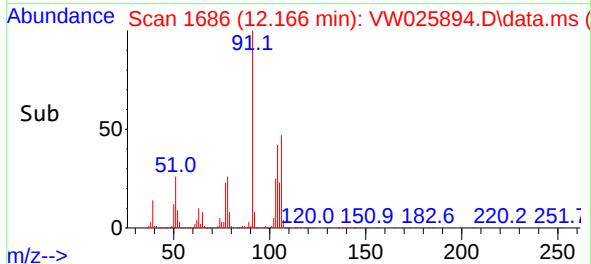
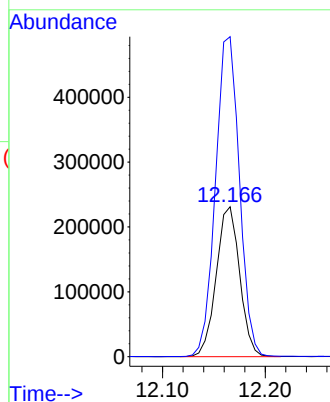
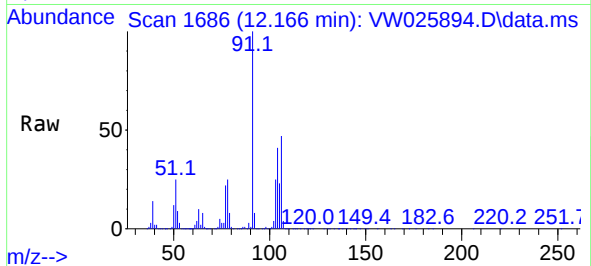




#54
o-Xylene
Concen: 23.836 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

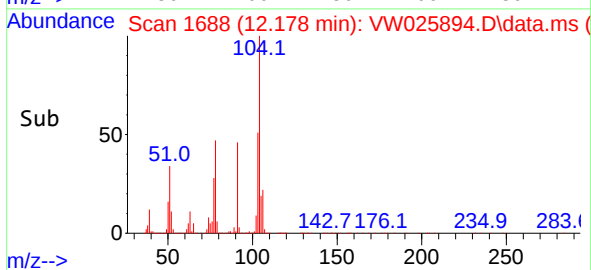
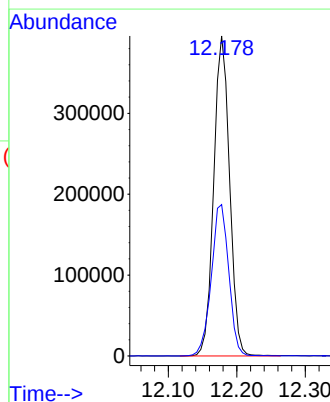
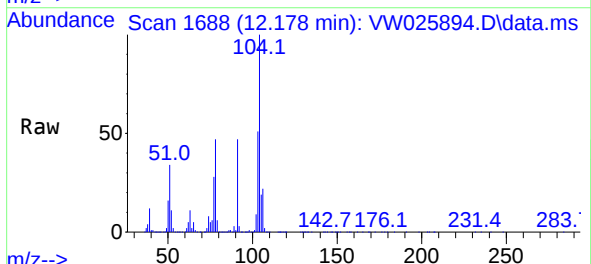
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

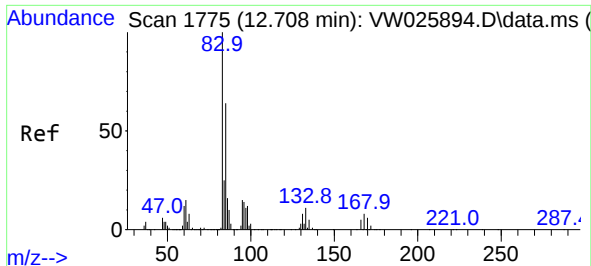
Tgt Ion:106 Resp: 365564
Ion Ratio Lower Upper
106 100
91 213.5 157.8 293.1



#55
Styrene
Concen: 24.197 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion:104 Resp: 635167
Ion Ratio Lower Upper
104 100
78 47.3 33.4 62.0

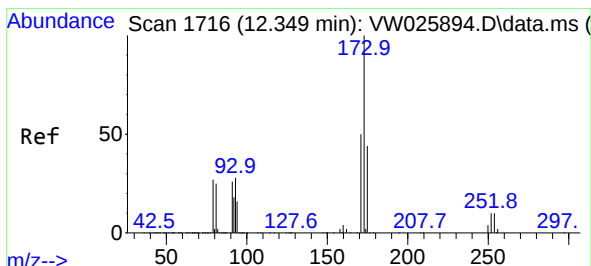
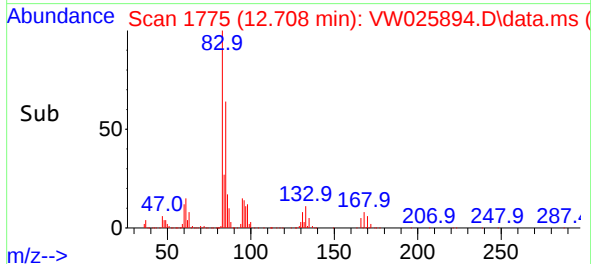
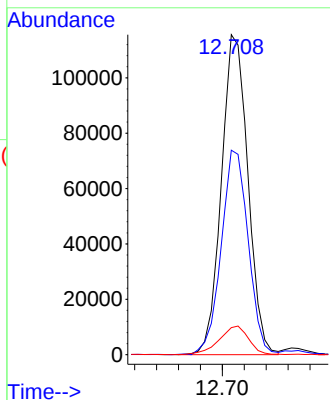
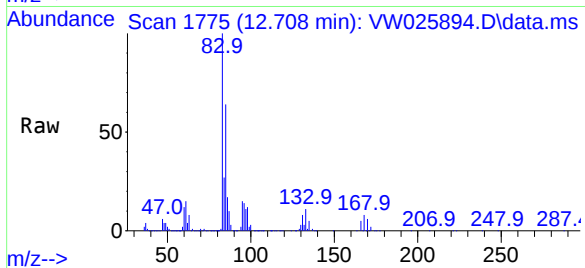




#57
1,1,2,2-Tetrachloroethane
Concen: 22.078 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

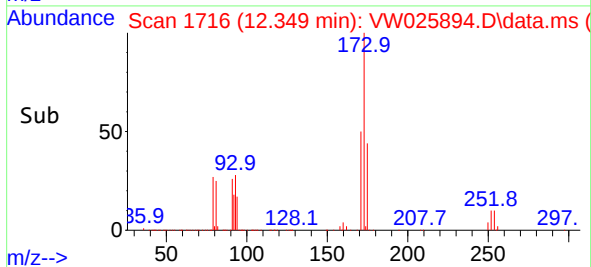
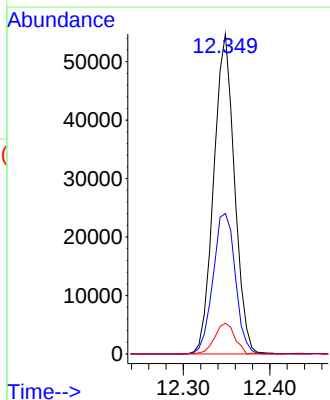
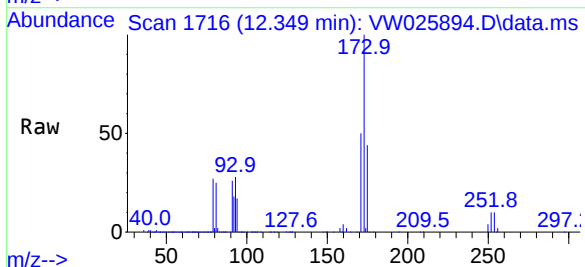
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

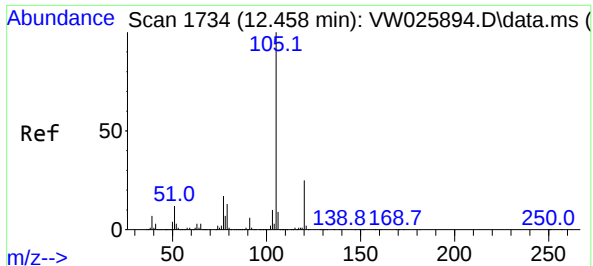
Tgt Ion:	83	Resp:	194194
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.6	84.8
131	8.5	8.1	12.1



#59
Bromoform
Concen: 21.915 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion:	173	Resp:	91202
Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.6	57.8
254	9.3	7.6	11.4

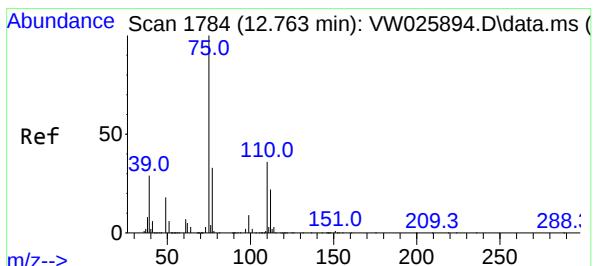
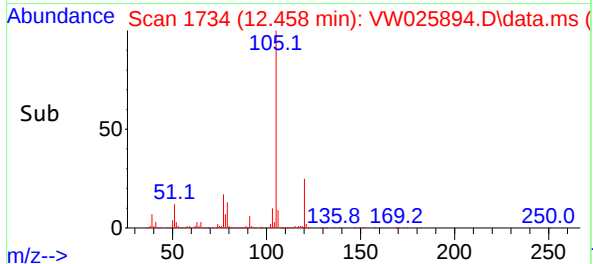
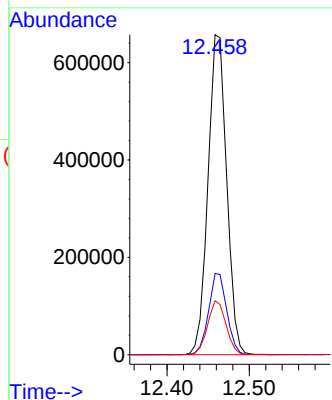
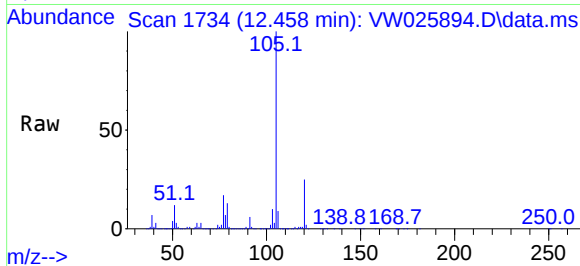




#60
Isopropylbenzene
Concen: 24.249 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

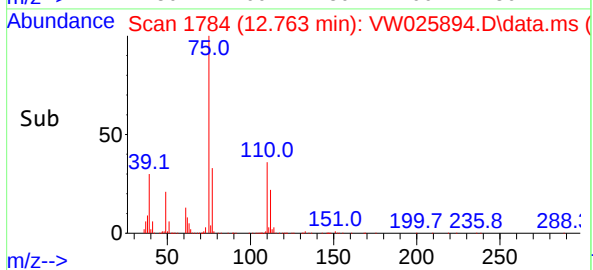
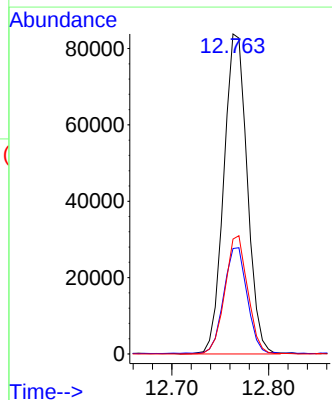
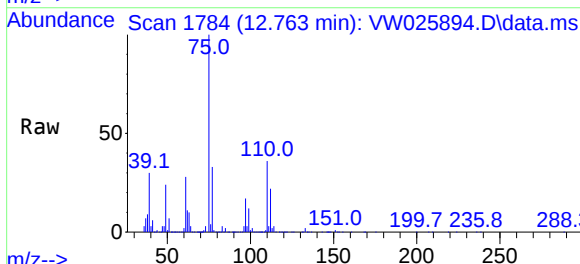
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

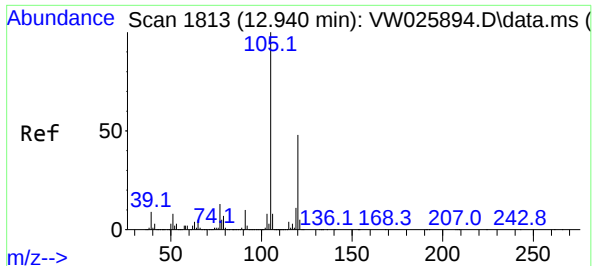
Tgt Ion:105 Resp: 1035643
Ion Ratio Lower Upper
105 100
120 24.8 21.1 31.7
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 21.230 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion: 75 Resp: 140973
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
110 35.8 27.6 41.4

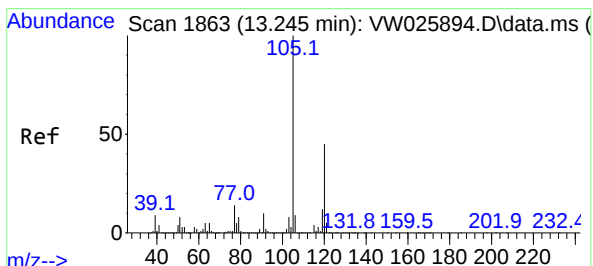
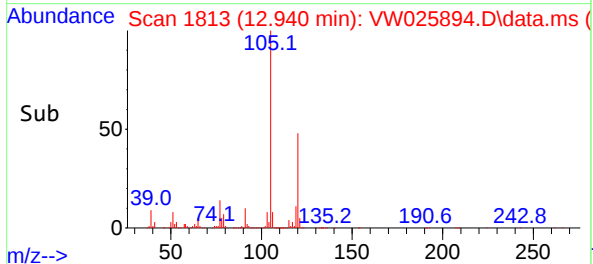
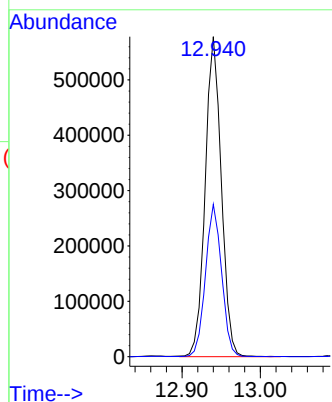
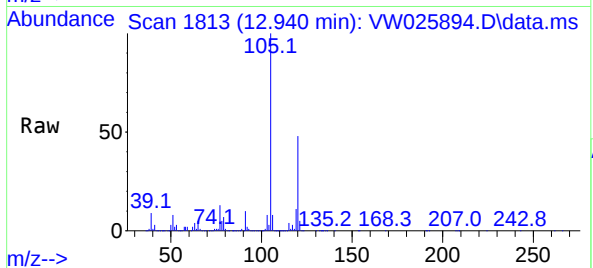




#62
1,3,5-Trimethylbenzene
Concen: 24.401 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

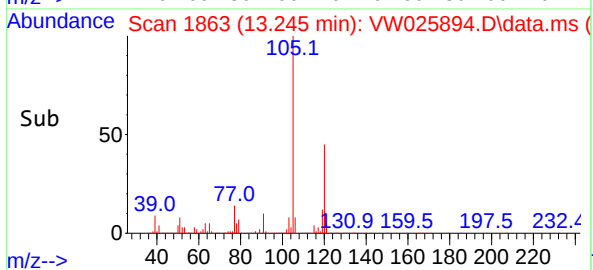
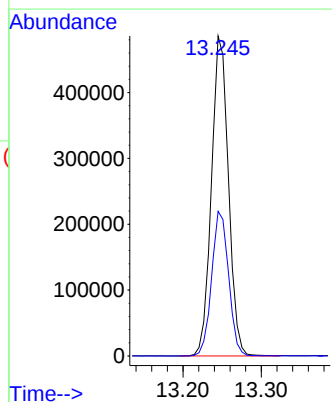
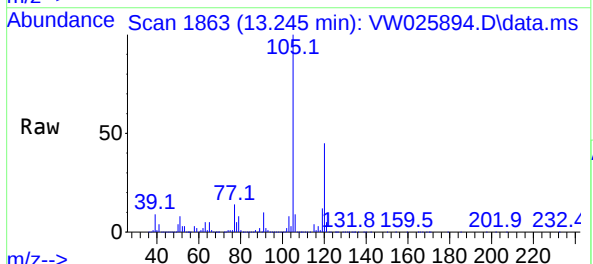
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

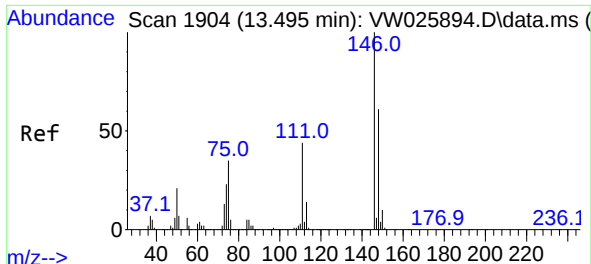
Tgt Ion:105 Resp: 825395
Ion Ratio Lower Upper
105 100
120 47.5 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 23.404 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion:105 Resp: 730568
Ion Ratio Lower Upper
105 100
120 45.1 34.7 52.1

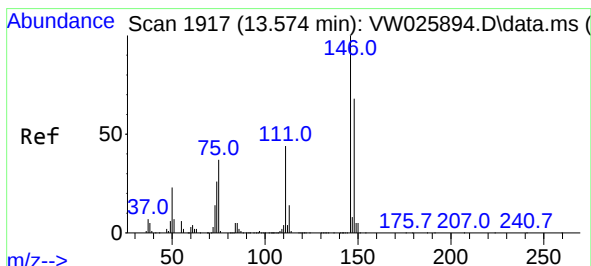
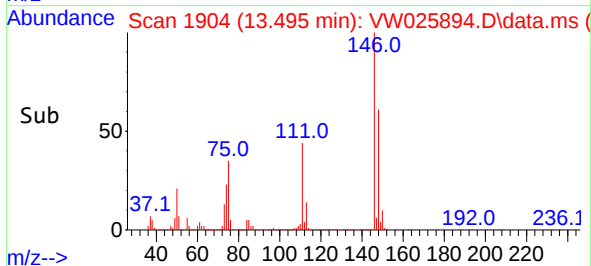
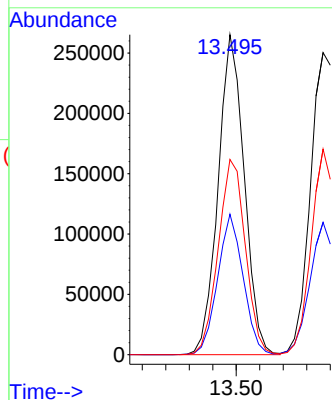
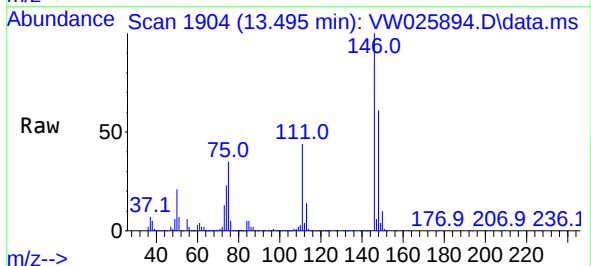




#64
1,3-Dichlorobenzene
Concen: 22.296 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

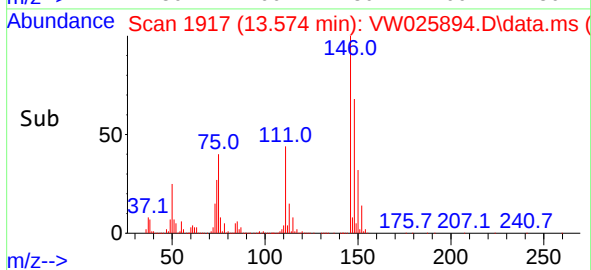
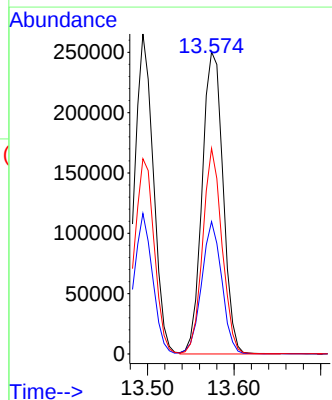
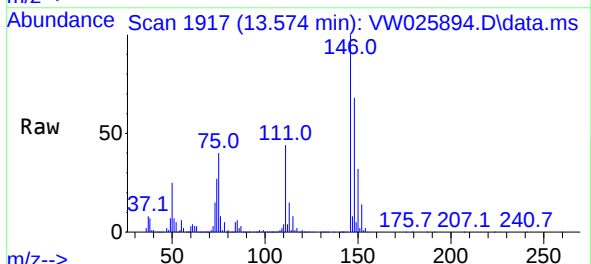
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

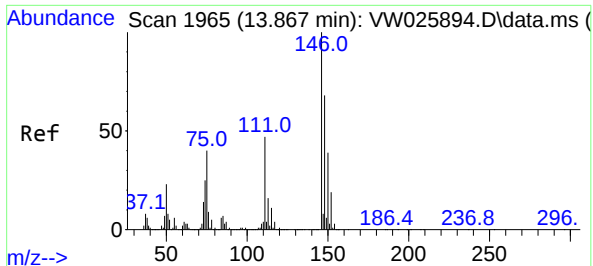
Tgt Ion:146 Resp: 409914
Ion Ratio Lower Upper
146 100
111 43.9 30.4 56.4
148 61.0 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 22.602 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion:146 Resp: 419809
Ion Ratio Lower Upper
146 100
111 43.8 27.9 51.9
148 68.1 44.7 82.9

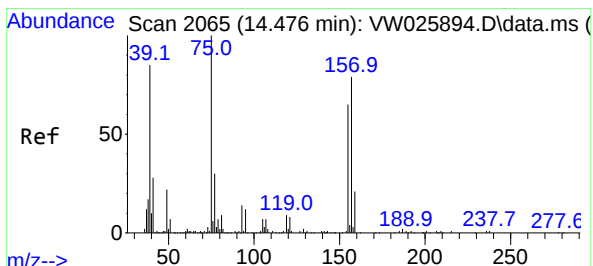
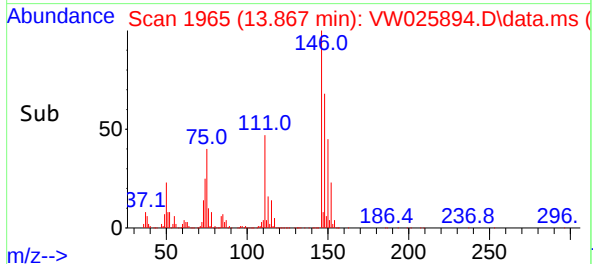
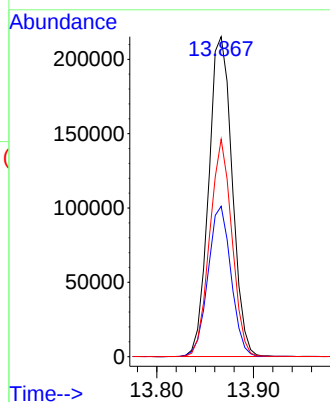
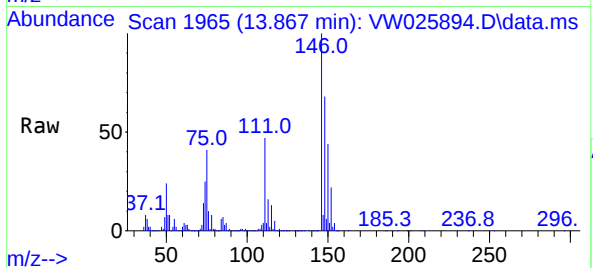




#67
1,2-Dichlorobenzene
Concen: 22.151 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

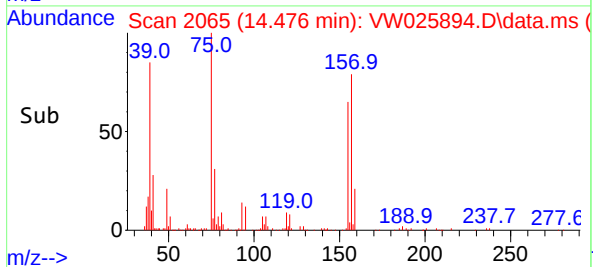
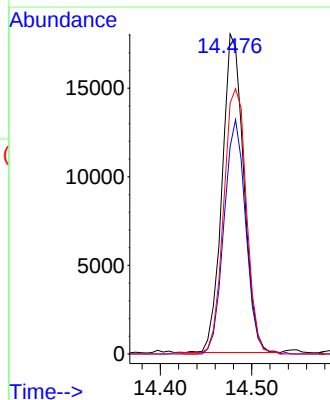
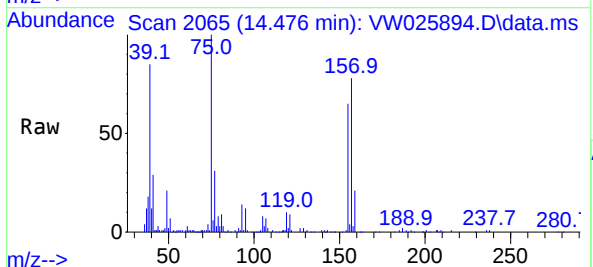
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

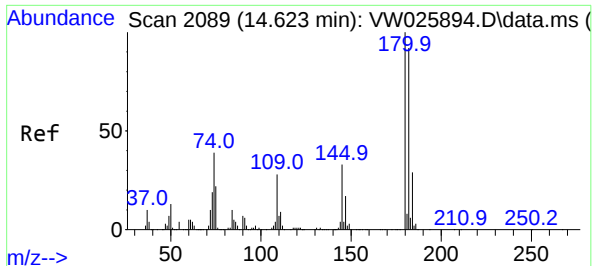
Tgt Ion:146 Resp: 363196
Ion Ratio Lower Upper
146 100
111 47.0 37.7 56.5
148 68.0 49.4 74.0



#68
1,2-Dibromo-3-chloropropane
Concen: 19.266 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

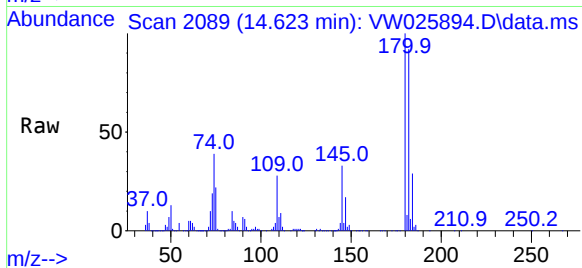
Tgt Ion: 75 Resp: 29665
Ion Ratio Lower Upper
75 100
155 64.8 56.3 84.5
157 78.4 66.3 99.5



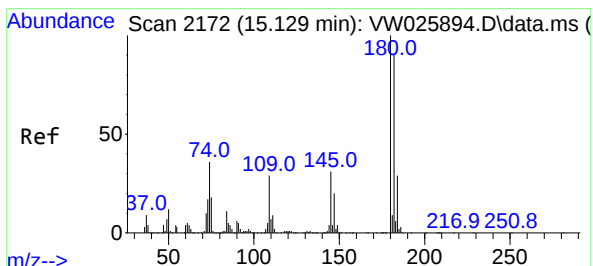
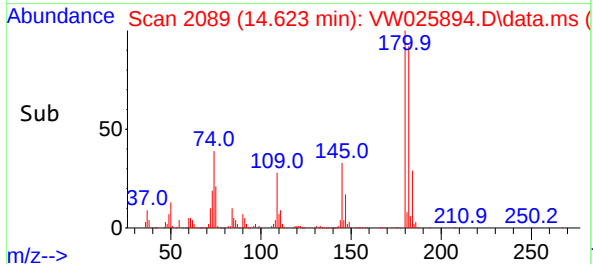
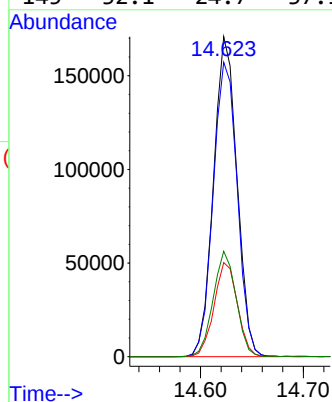


#69
1,3,5-Trichlorobenzene
Concen: 22.191 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

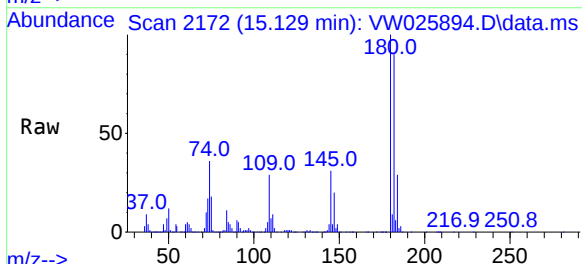
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481



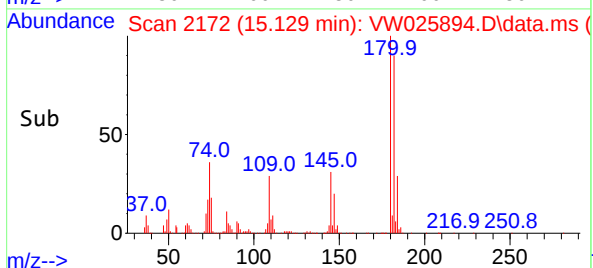
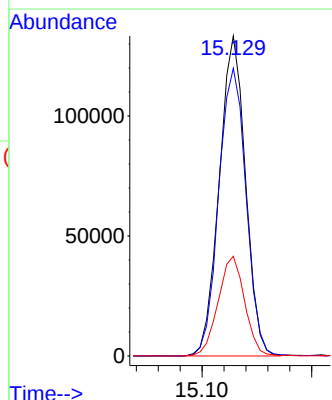
Tgt Ion:180 Resp: 270818
Ion Ratio Lower Upper
180 100
182 94.4 77.4 116.0
184 29.3 24.7 37.1
145 32.1 24.7 37.1

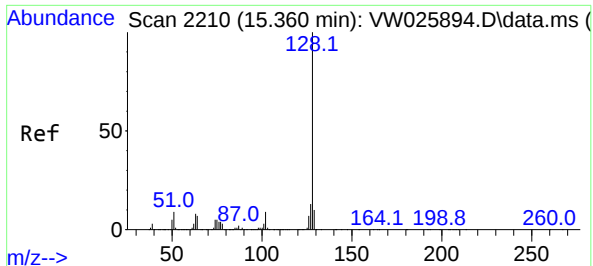


#70
1,2,4-trichlorobenzene
Concen: 21.628 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22



Tgt Ion:180 Resp: 221126
Ion Ratio Lower Upper
180 100
182 93.7 74.3 111.5
145 31.5 25.4 38.0

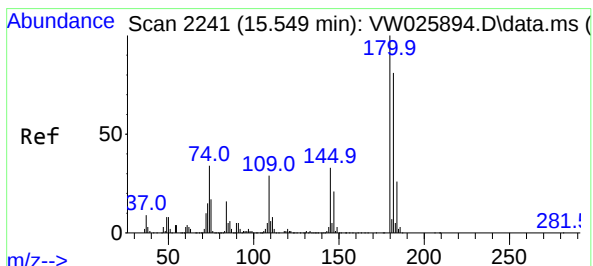
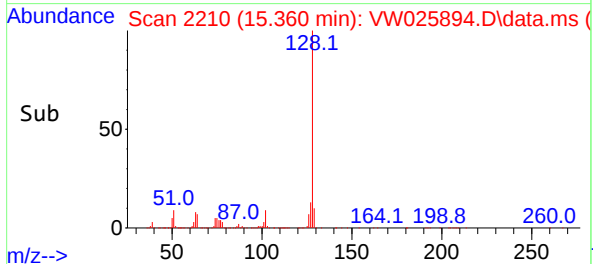
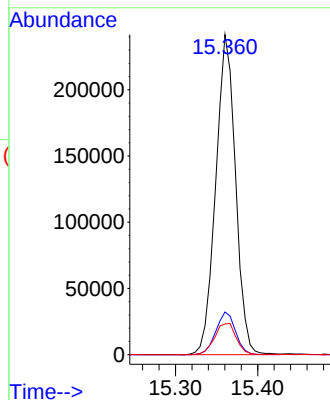
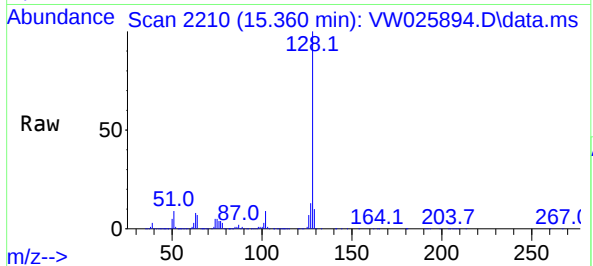




#71
Naphthalene
Concen: 20.937 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

Tgt Ion:	128	Resp:	404028
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 21.933 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW025894.D
Acq: 09 May 2023 08:22

Tgt Ion:	180	Resp:	198966
Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.1	114.1
145	34.5	28.0	42.0

