

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
 Data File : VW025769.D
 Acq On : 28 Apr 2023 18:52
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Apr 29 00:25:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	653743	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280595	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	156694	19.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.600%
7) Chloroethane-d5	2.899	69	124817	21.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.033	63	387811	21.330	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.320%
21) 2-Butanone-d5	7.075	46	134872	51.252	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.500%
24) Chloroform-d	7.648	84	413622	23.585	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.320%
26) 1,2-Dichloroethane-d4	8.307	65	227604	23.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.276	84	793641	22.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.270	67	265128	23.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.160%
41) Toluene-d8	10.325	98	707763	22.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	10.575	79	103219	23.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.080%
47) 2-Hexanone-d5	10.922	63	92182	51.579	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	212382	25.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	239405	24.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	206191	24.909	ug/L	99
3) Chloromethane	2.222	50	274398	25.094	ug/L	98
5) Vinyl chloride	2.375	62	275696	23.979	ug/L	99
6) Bromomethane	2.789	94	148817	24.465	ug/L	100
8) Chloroethane	2.936	64	149879	25.592	ug/L	100
9) Trichlorofluoromethane	3.271	101	203971	23.602	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	220365	24.434	ug/L	99
12) 1,1-Dichloroethene	4.045	96	212072	23.998	ug/L	96
13) Acetone	4.118	43	110149	45.157	ug/L	99
14) Carbon disulfide	4.393	76	731472	23.644	ug/L	99
15) Methyl Acetate	4.673	43	119854	24.809	ug/L	99
16) Methylene chloride	4.917	84	251035	20.327	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	225656	24.242	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	339192	25.321	ug/L	100
19) 1,1-Dichloroethane	6.216	63	466707	24.601	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	243567	24.945	ug/L	97
22) 2-Butanone	7.167	43	157942	51.069	ug/L	99
23) Bromochloromethane	7.514	128	102423	25.259	ug/L	98
25) Chloroform	7.673	83	428475	24.591	ug/L	98

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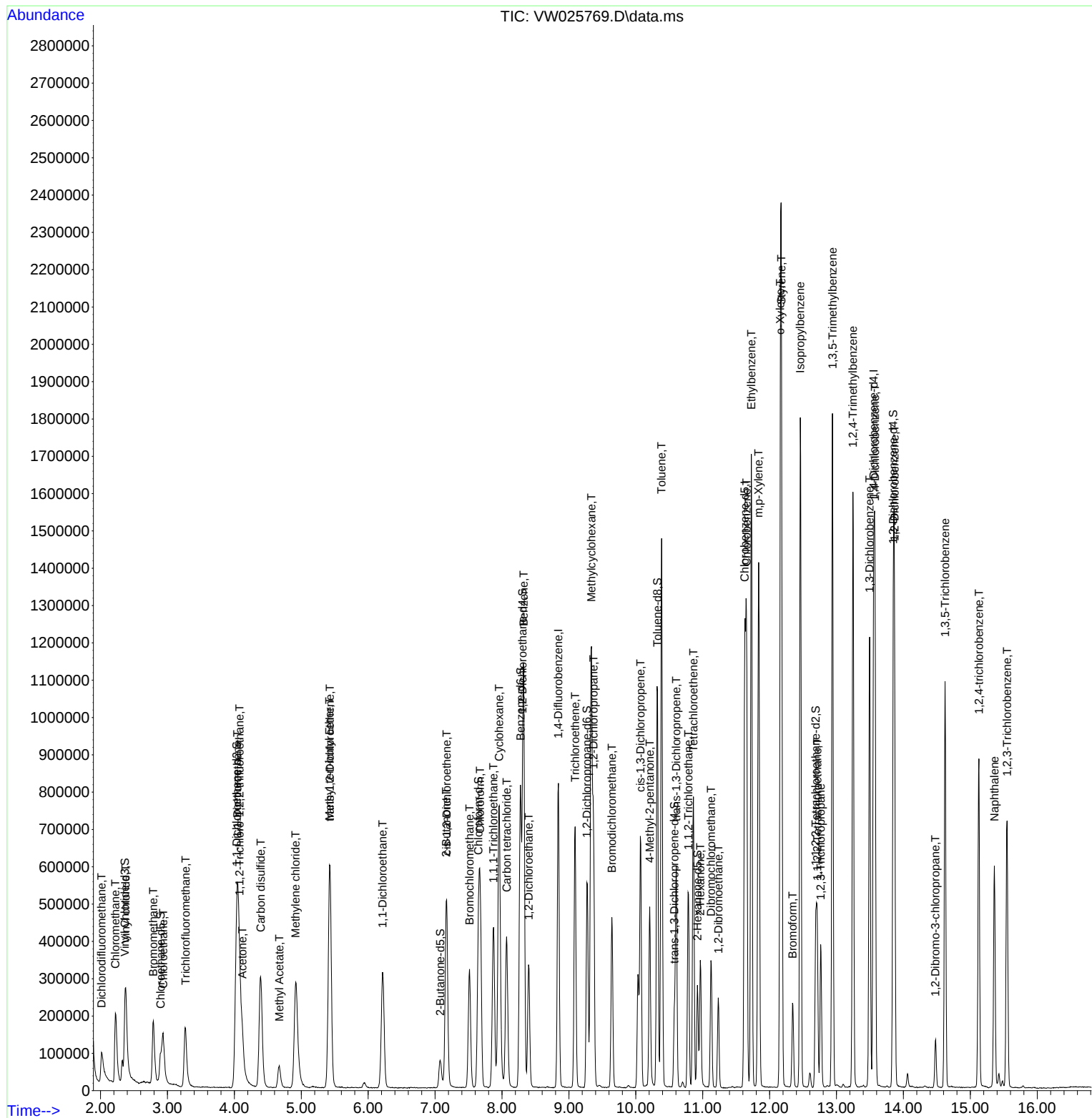
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	300014	25.156	ug/L	98
29) Cyclohexane	7.959	56	452257	24.808	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	340767	23.885	ug/L	99
31) Carbon tetrachloride	8.069	117	308418	23.827	ug/L	98
33) Benzene	8.325	78	979409	24.491	ug/L	100
34) Trichloroethene	9.093	95	244634	23.683	ug/L	96
35) Methylcyclohexane	9.337	83	453492	24.702	ug/L	100
37) 1,2-Dichloropropane	9.367	63	264737	24.560	ug/L	100
38) Bromodichloromethane	9.642	83	300008	24.623	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	385173	24.953	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	333865	51.350	ug/L	99
42) Toluene	10.386	91	1006285	24.665	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	312175	24.617	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	164155	23.503	ug/L	98
46) Tetrachloroethene	10.861	164	166616	22.778	ug/L	87
48) 2-Hexanone	10.965	43	226797	49.535	ug/L	97
49) Dibromochloromethane	11.123	129	174748	24.155	ug/L	93
50) 1,2-Dibromoethane	11.233	107	157326	24.553	ug/L #	97
51) Chlorobenzene	11.654	112	601474	23.956	ug/L	94
52) Ethylbenzene	11.727	91	1149930	25.135	ug/L	99
53) m,p-Xylene	11.837	106	423108	25.052	ug/L	94
54) o-Xylene	12.160	106	395314	25.102	ug/L	95
55) Styrene	12.178	104	692181	25.928	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	210860	24.650	ug/L	95
59) Bromoform	12.343	173	99207	25.517	ug/L	97
60) Isopropylbenzene	12.458	105	1110585	25.770	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155186	25.430	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	907174	26.772	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	814076	26.597	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	448720	24.673	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	458057	24.841	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	405947	25.300	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	33869	24.242	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	306807	25.930	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	244102	24.161	ug/L	97
71) Naphthalene	15.360	128	477708	26.472	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	230613	25.860	ug/L	96

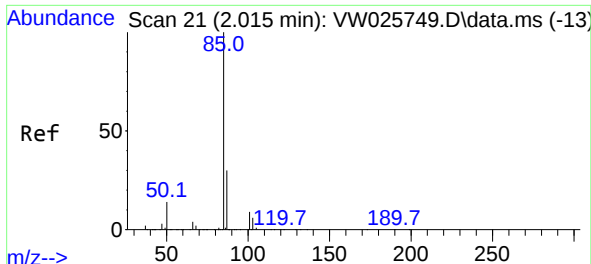
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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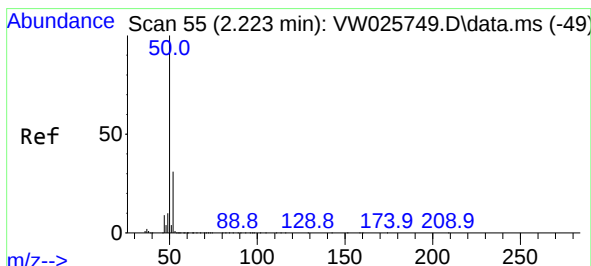
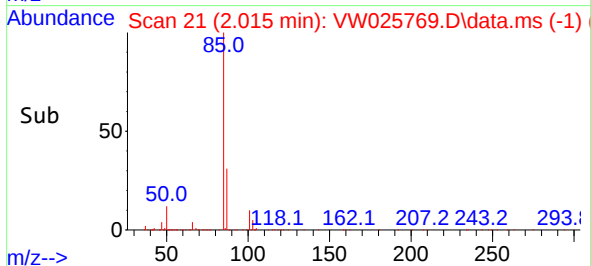
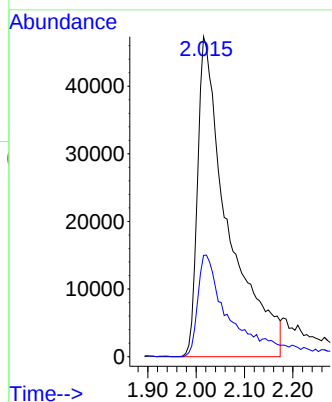
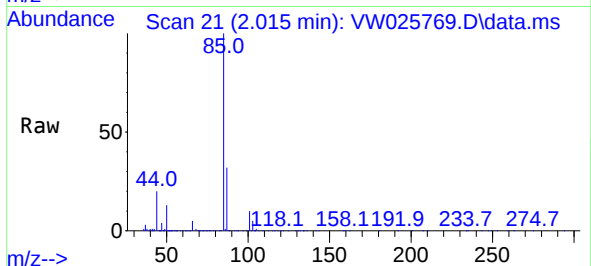




#2
Dichlorodifluoromethane
Concen: 24.909 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

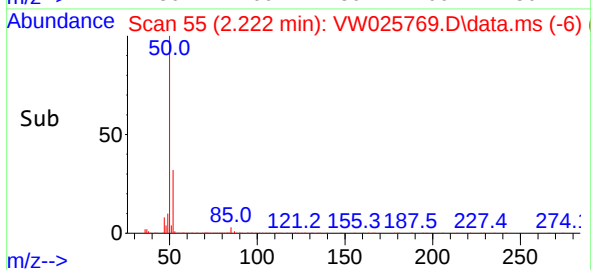
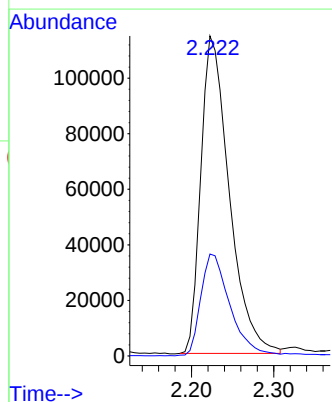
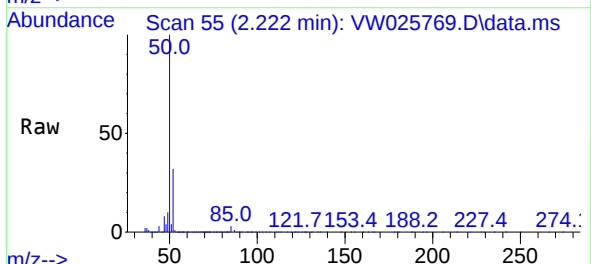
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MSVOA_W
ClientSampleId :
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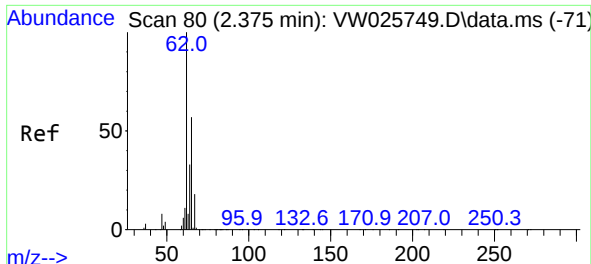
Tgt Ion: 85 Resp: 206191
Ion Ratio Lower Upper
85 100
87 25.9 21.3 31.9



#3
Chloromethane
Concen: 25.094 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 50 Resp: 274398
Ion Ratio Lower Upper
50 100
52 31.8 22.9 42.5

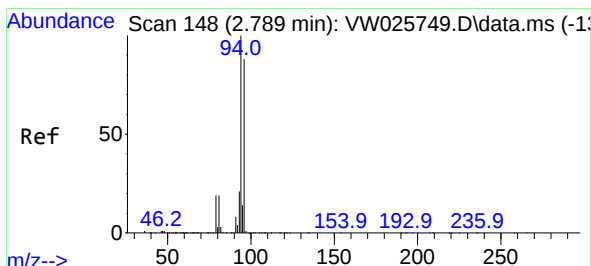
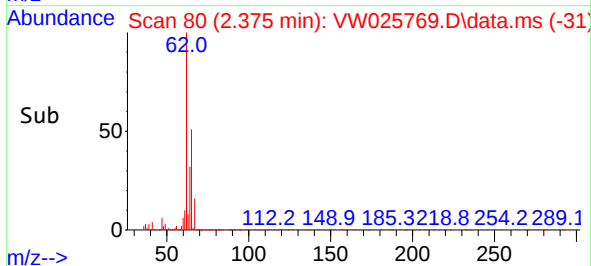
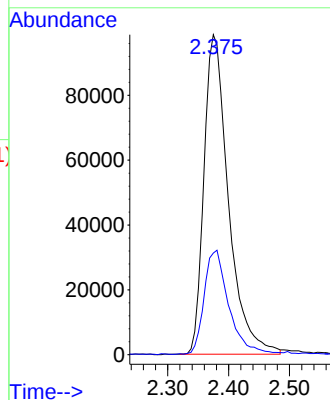
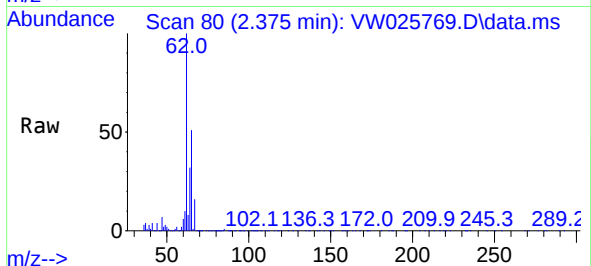




#5
 Vinyl chloride
 Concen: 23.979 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025769.D
 Acq: 28 Apr 2023 18:52

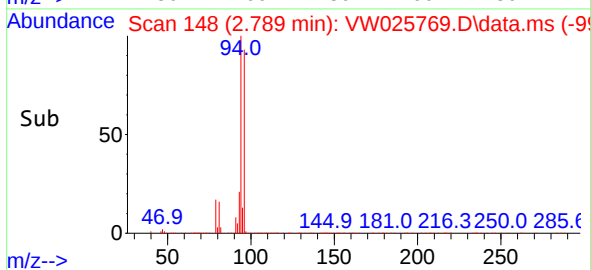
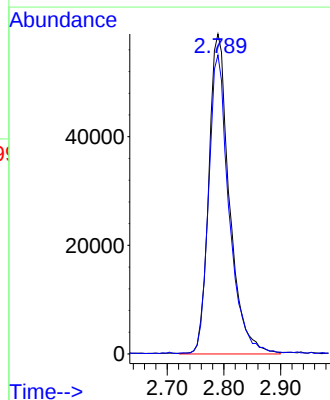
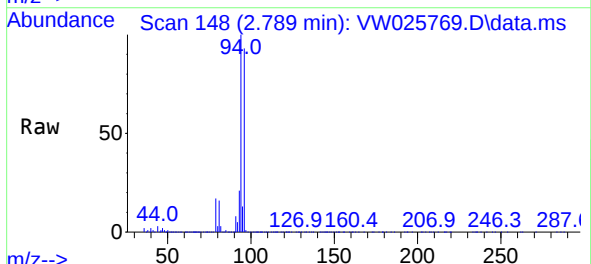
Instrument :
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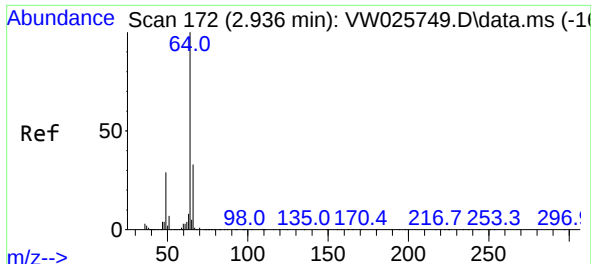
Tgt Ion: 62 Resp: 275696
 Ion Ratio Lower Upper
 62 100
 64 31.8 21.8 40.6



#6
 Bromomethane
 Concen: 24.465 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025769.D
 Acq: 28 Apr 2023 18:52

Tgt Ion: 94 Resp: 148817
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.2 121.2

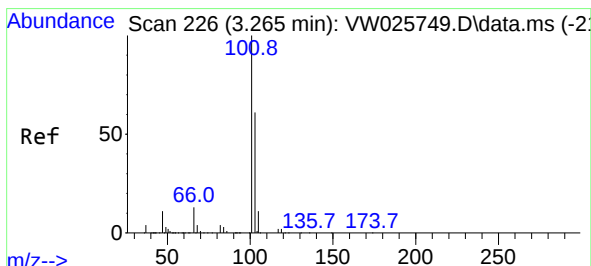
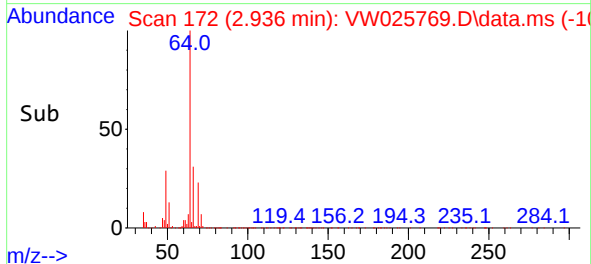
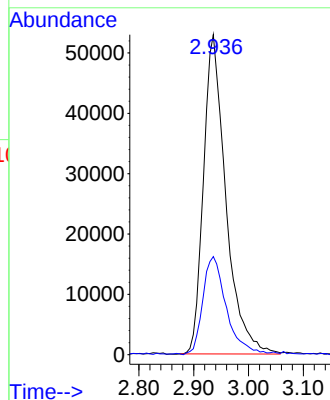
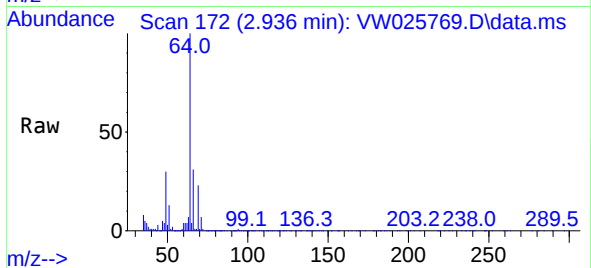




#8
Chloroethane
Concen: 25.592 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

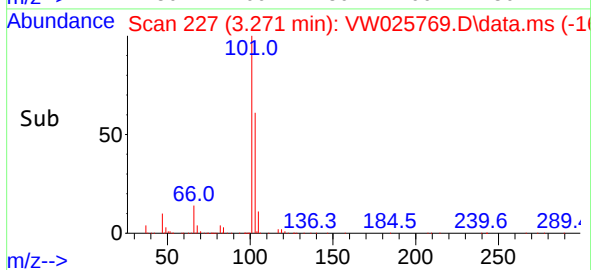
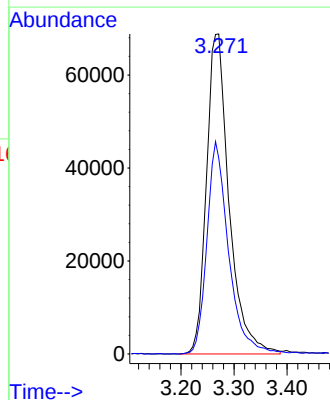
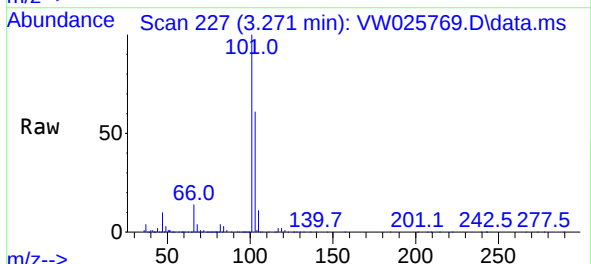
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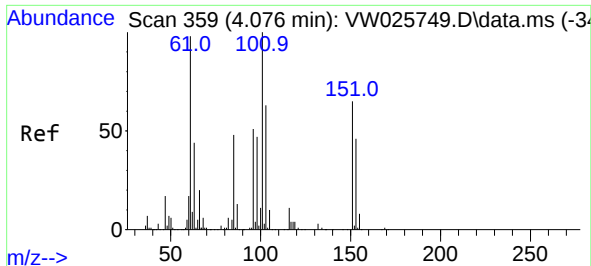
Tgt Ion: 64 Resp: 149879
Ion Ratio Lower Upper
64 100
66 30.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 23.602 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion:101 Resp: 203971
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

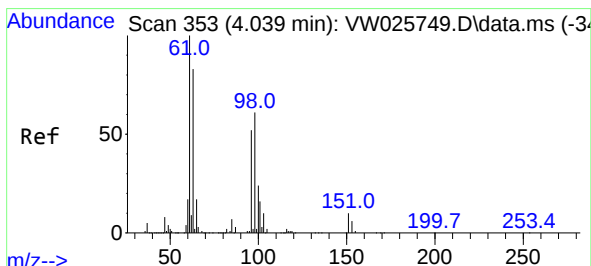
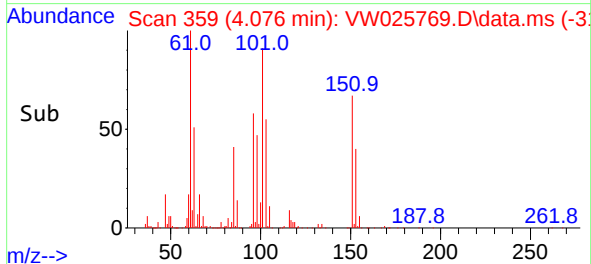
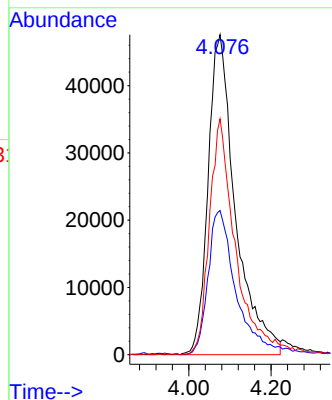
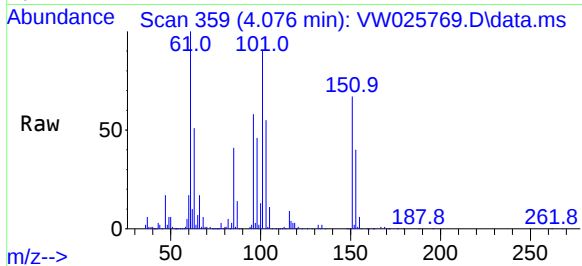




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.434 ug/L
RT: 4.076 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

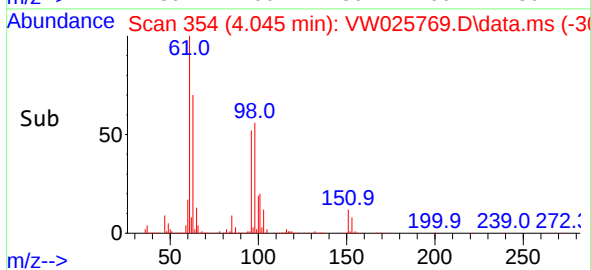
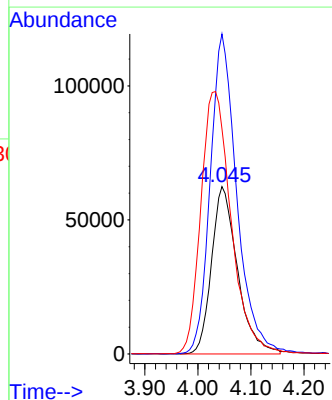
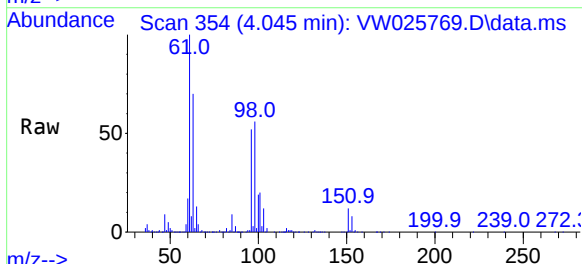
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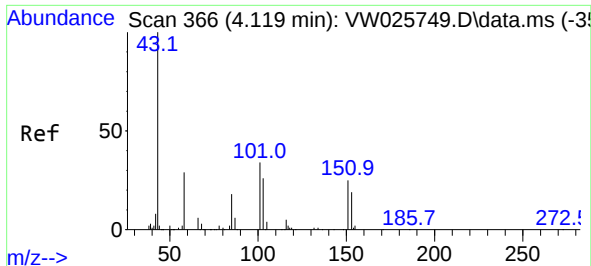
Tgt Ion:101 Resp: 220365
Ion Ratio Lower Upper
101 100
85 45.1 35.9 53.9
151 68.3 54.1 81.1



#12
1,1-Dichloroethene
Concen: 23.998 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 96 Resp: 212072
Ion Ratio Lower Upper
96 100
61 191.1 137.9 256.1
63 134.5 90.5 168.1

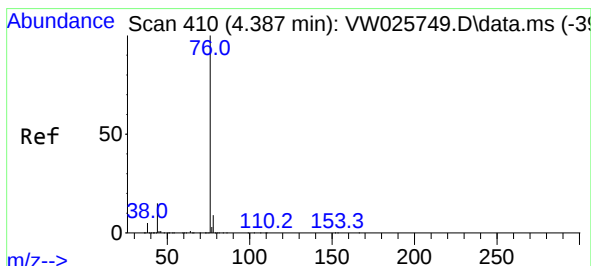
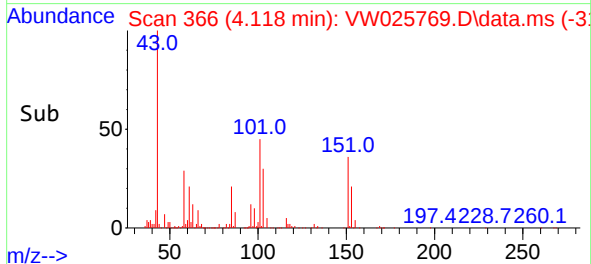
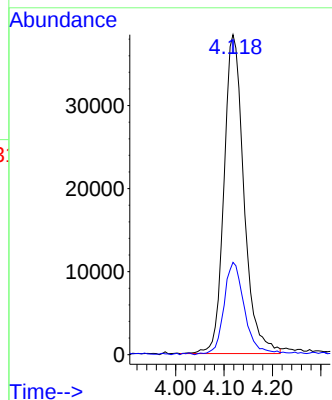
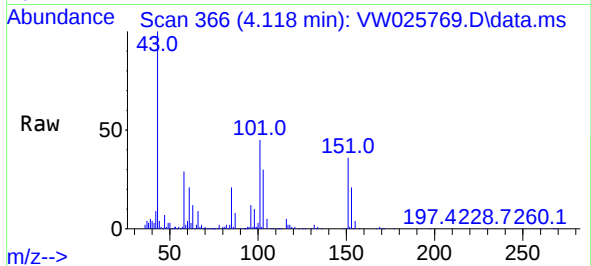




#13
Acetone
Concen: 45.157 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW025769.D
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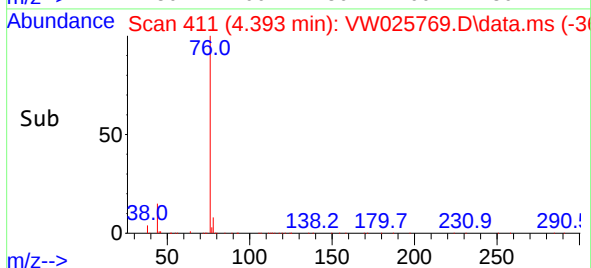
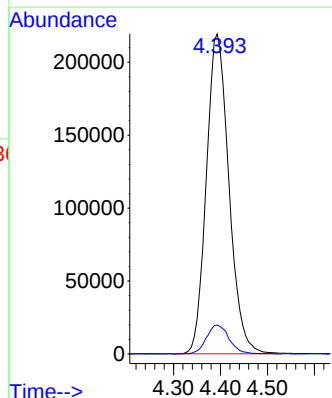
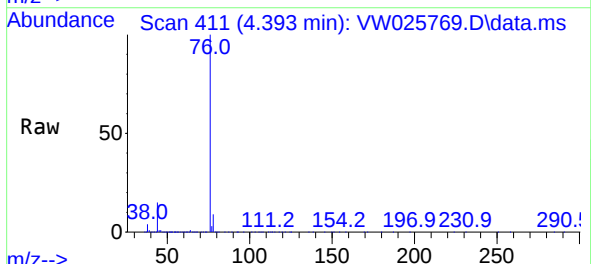
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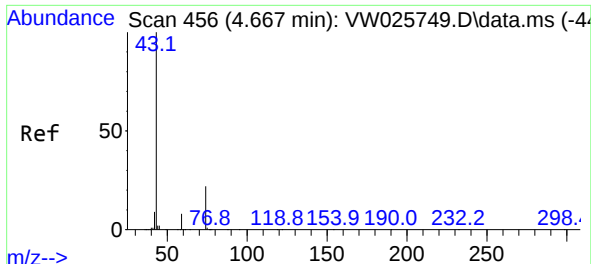
Tgt Ion: 43 Resp: 110149
Ion Ratio Lower Upper
43 100
58 28.9 0.0 58.6



#14
Carbon disulfide
Concen: 23.644 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Acq: 28 Apr 2023 18:52

Tgt Ion: 76 Resp: 731472
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

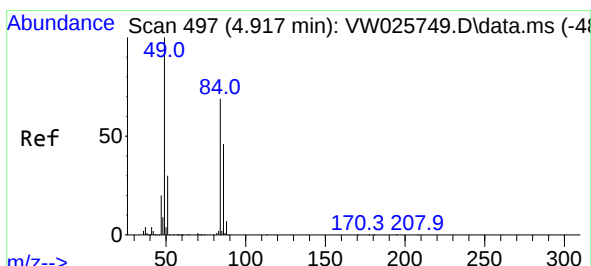
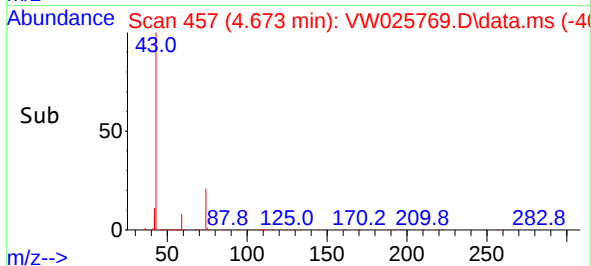
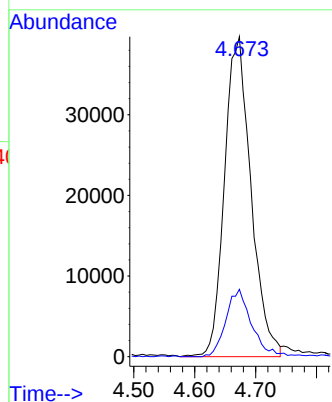
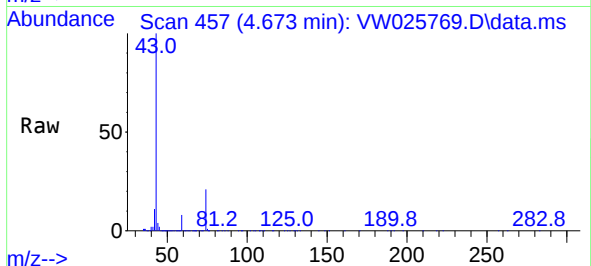




#15
Methyl Acetate
Concen: 24.809 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

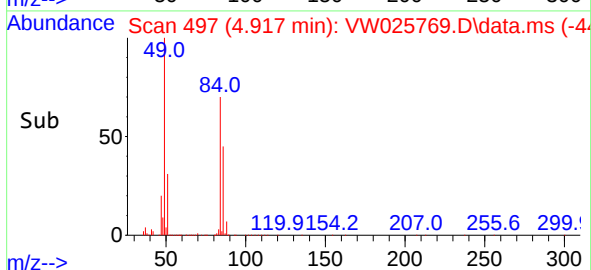
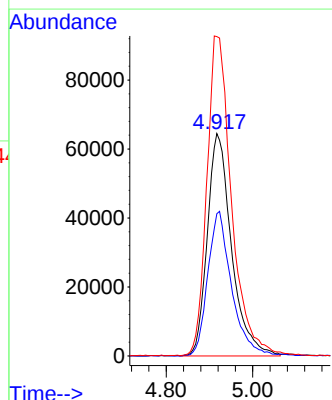
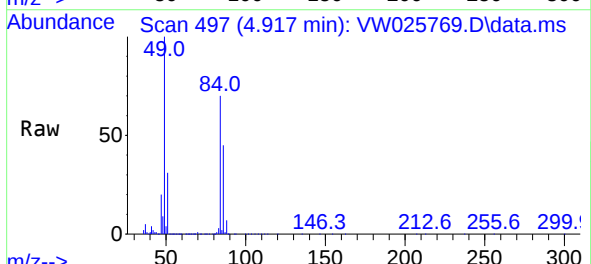
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

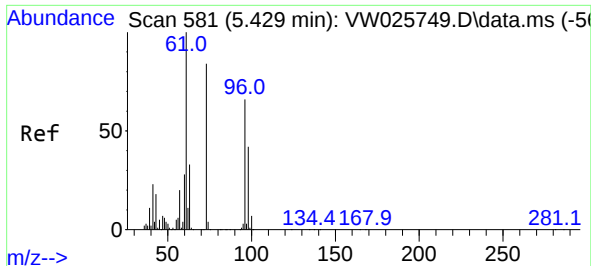
Tgt Ion: 43 Resp: 119854
Ion Ratio Lower Upper
43 100
74 19.6 16.1 24.1



#16
Methylene chloride
Concen: 20.327 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 84 Resp: 251035
Ion Ratio Lower Upper
84 100
86 64.0 46.3 85.9
49 143.6 101.9 189.3

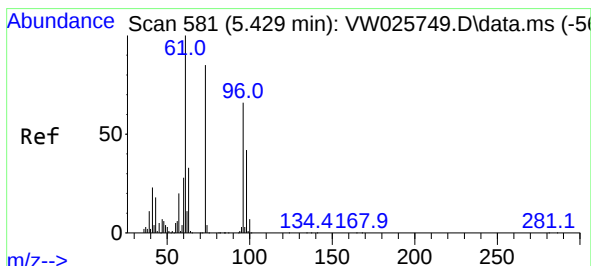
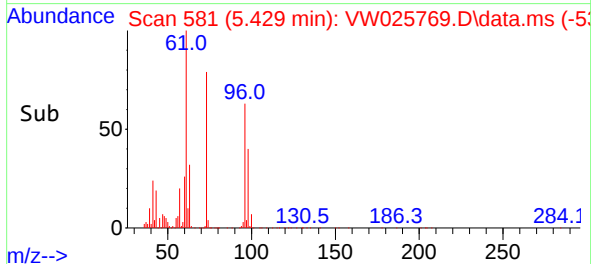
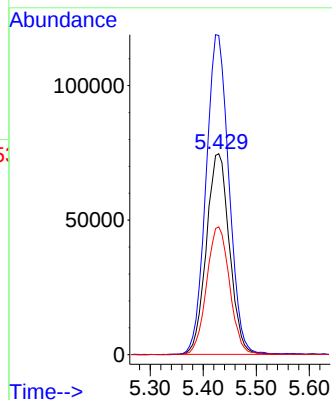
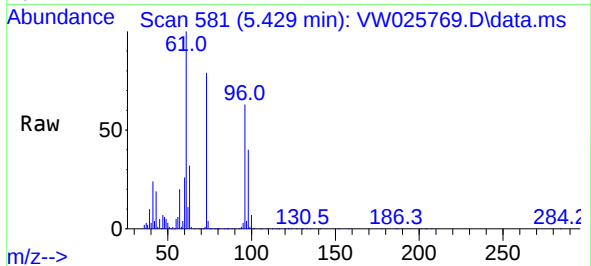




#17
trans-1,2-Dichloroethene
Concen: 24.242 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

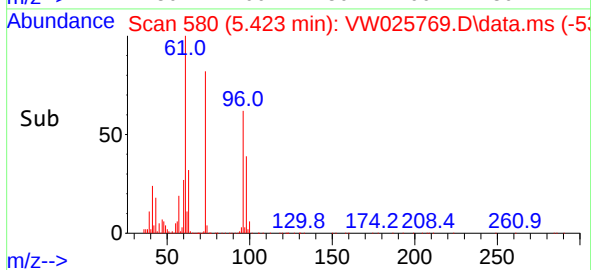
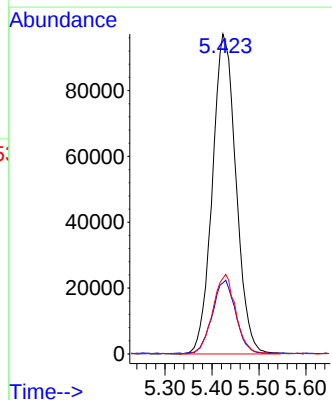
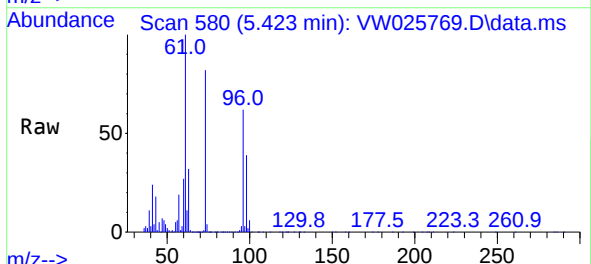
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

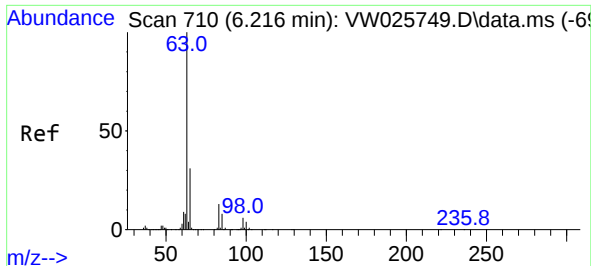
Tgt Ion: 96 Resp: 225656
Ion Ratio Lower Upper
96 100
61 158.8 110.2 204.8
98 63.6 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 25.321 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 73 Resp: 339192
Ion Ratio Lower Upper
73 100
43 22.5 18.2 27.4
57 24.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.601 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

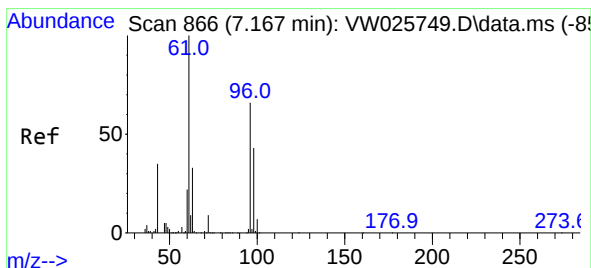
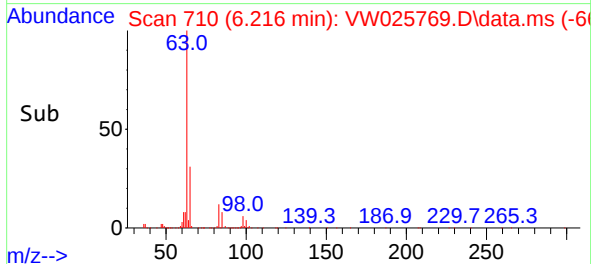
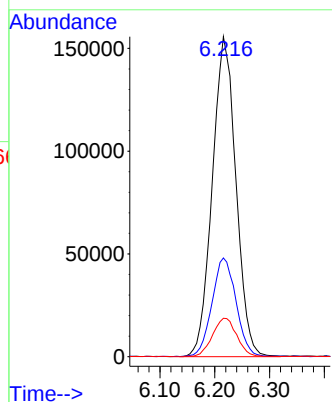
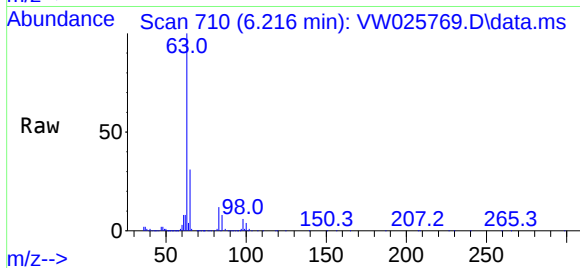
Tgt Ion: 63 Resp: 466707

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.9

83 12.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.945 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

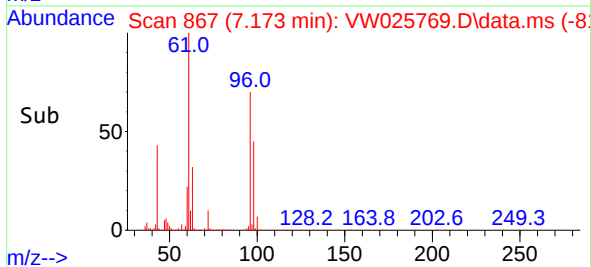
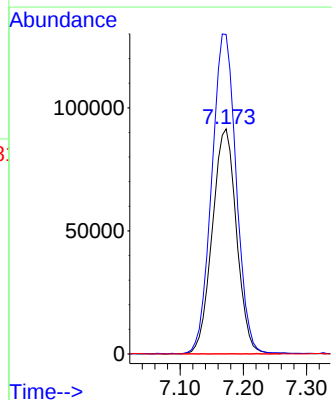
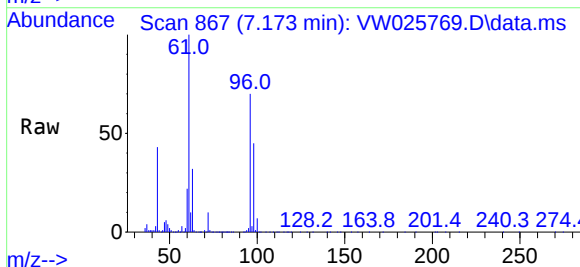
Tgt Ion: 96 Resp: 243567

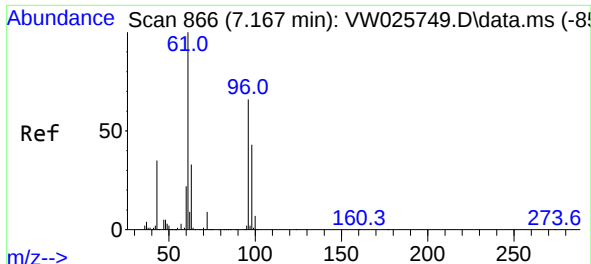
Ion Ratio Lower Upper

96 100

61 141.9 101.6 188.6

68 0.1 0.1 0.1

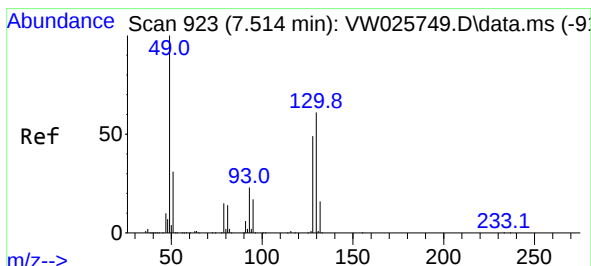
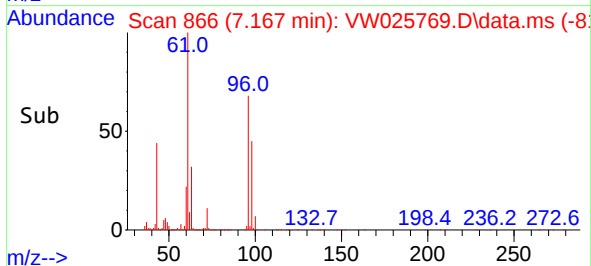
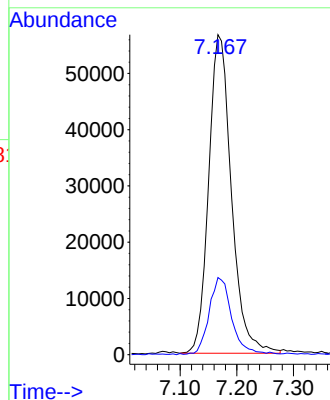
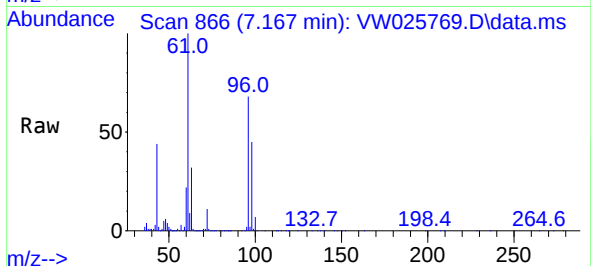




#22
2-Butanone
Concen: 51.069 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

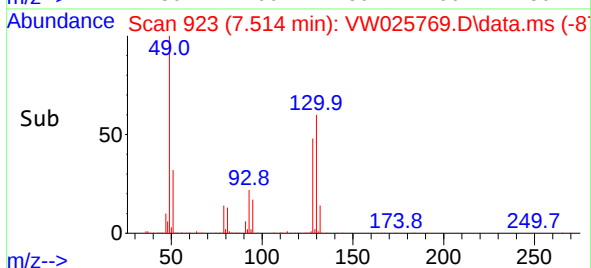
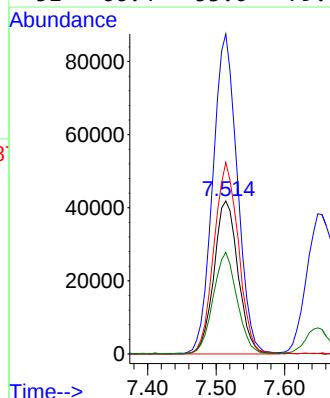
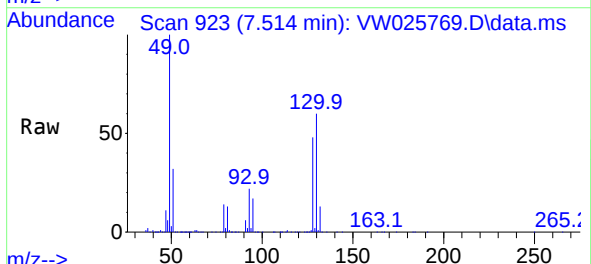
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

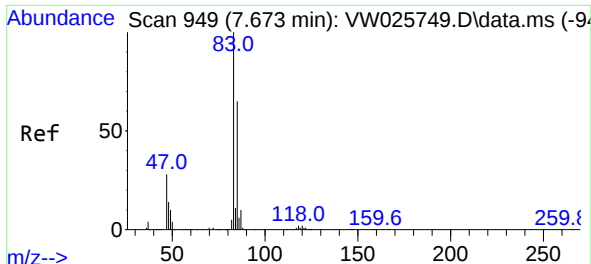
Tgt Ion: 43 Resp: 157942
Ion Ratio Lower Upper
43 100
72 23.9 11.7 35.0



#23
Bromochloromethane
Concen: 25.259 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 128 Resp: 102423
Ion Ratio Lower Upper
128 100
49 209.1 148.0 274.8
130 125.2 90.3 167.7
51 66.4 53.0 79.6

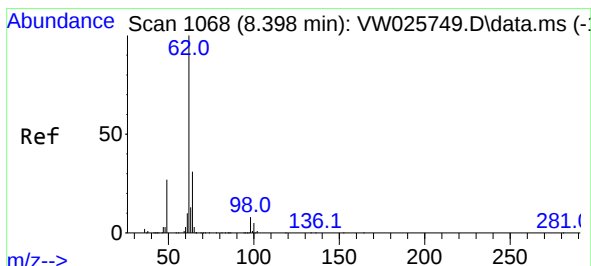
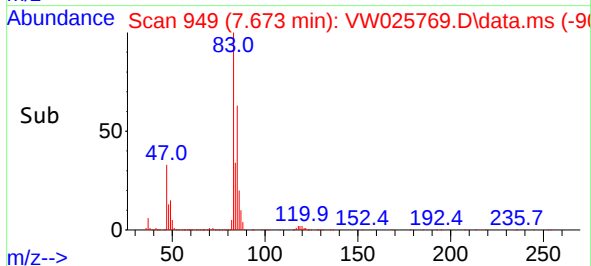
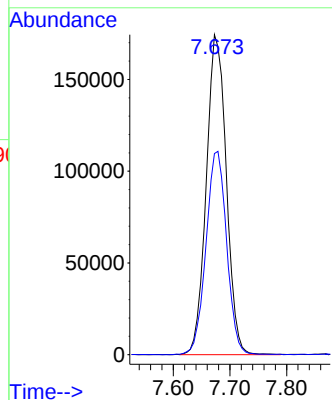
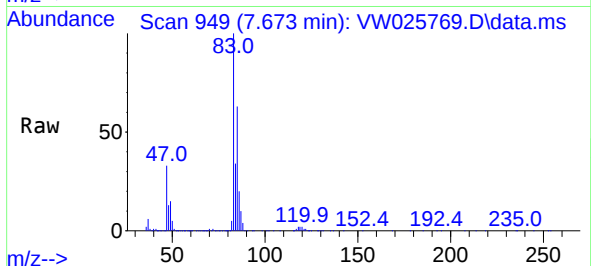




#25
Chloroform
Concen: 24.591 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

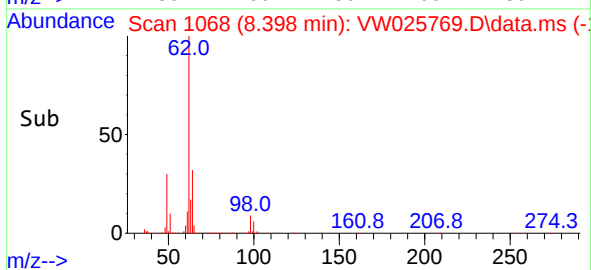
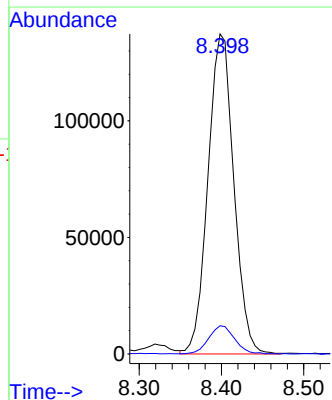
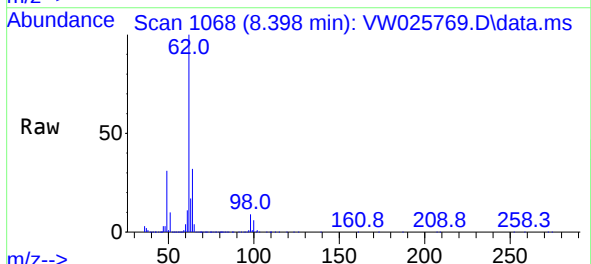
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

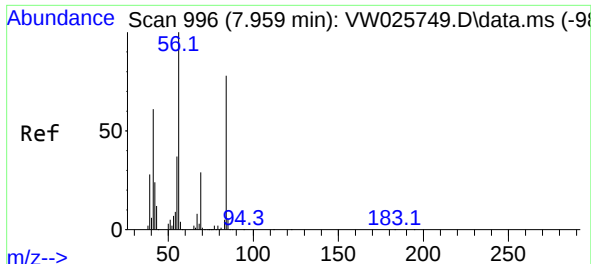
Tgt Ion: 83 Resp: 428475
Ion Ratio Lower Upper
83 100
85 62.8 44.9 83.5



#27
1,2-Dichloroethane
Concen: 25.156 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 62 Resp: 300014
Ion Ratio Lower Upper
62 100
98 8.8 6.5 9.7



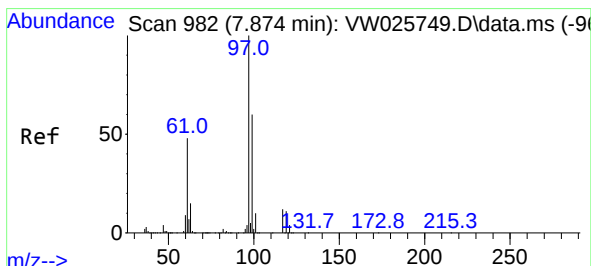
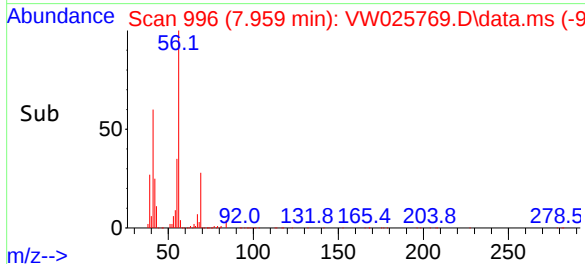
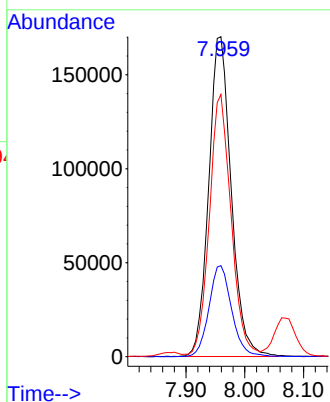
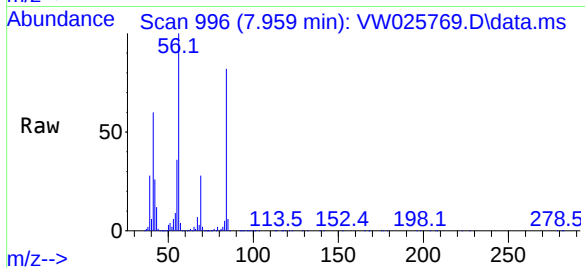


#29
Cyclohexane
Concen: 24.808 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Tgt Ion: 56 Resp: 452257

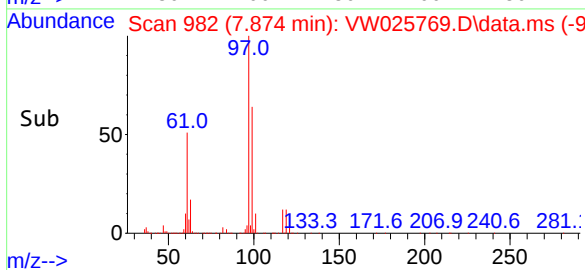
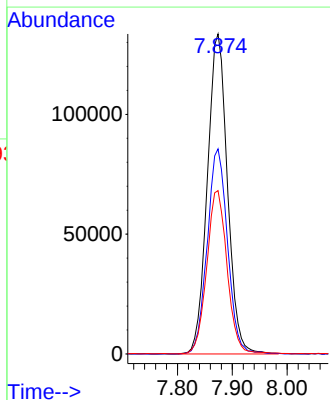
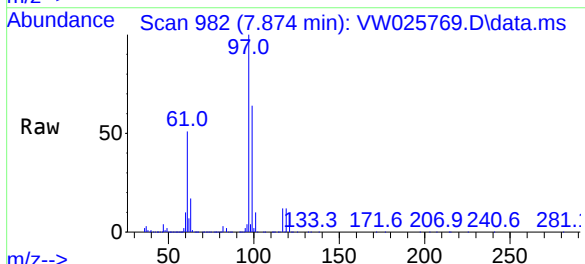
Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.6	34.0
84	79.3	62.2	93.2

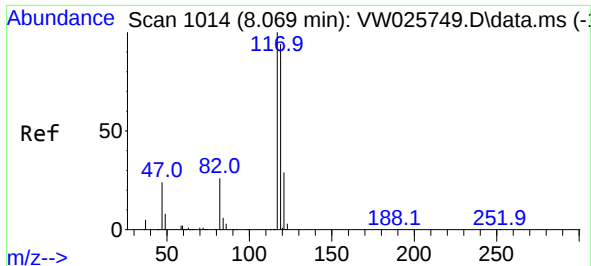


#30
1,1,1-Trichloroethane
Concen: 23.885 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 97 Resp: 340767

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	51.5	42.2	63.2

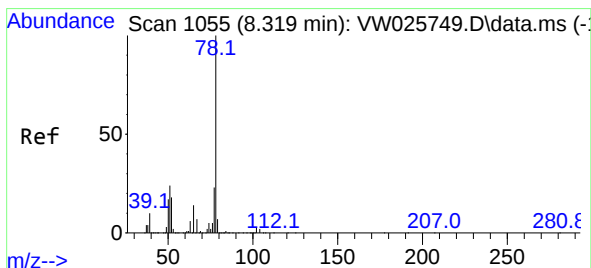
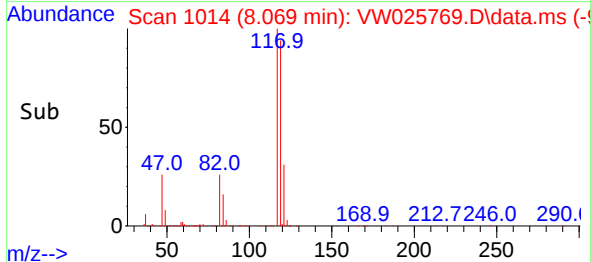
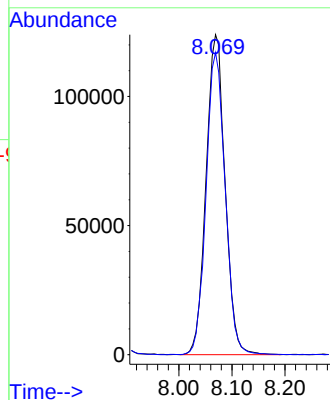
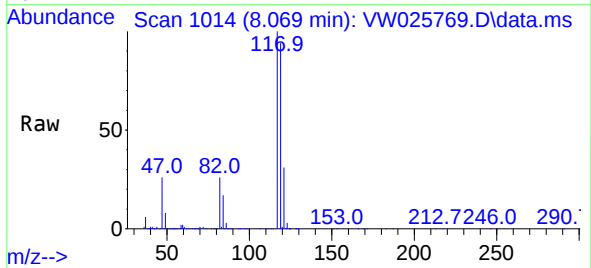




#31
Carbon tetrachloride
Concen: 23.827 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

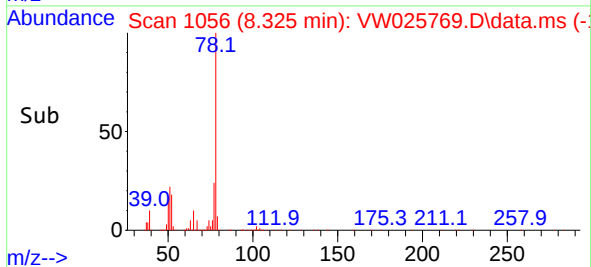
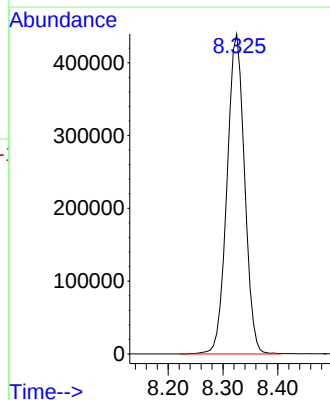
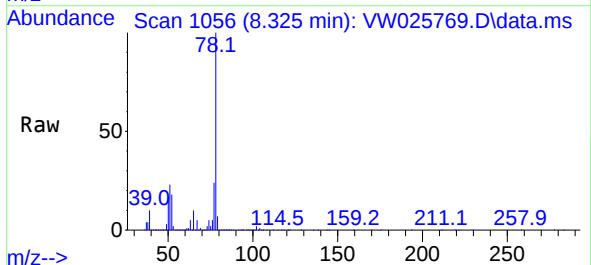
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

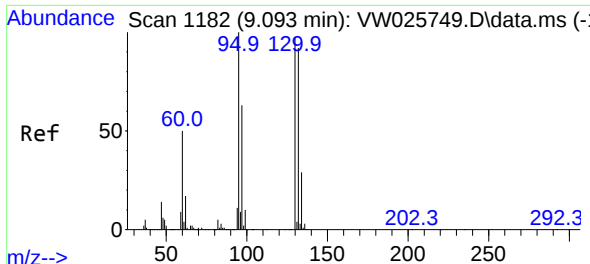
Tgt Ion:117 Resp: 308418
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.2



#33
Benzene
Concen: 24.491 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 78 Resp: 979409

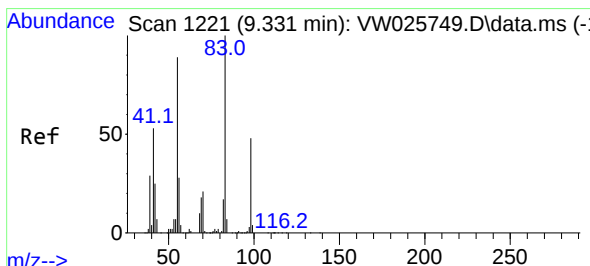
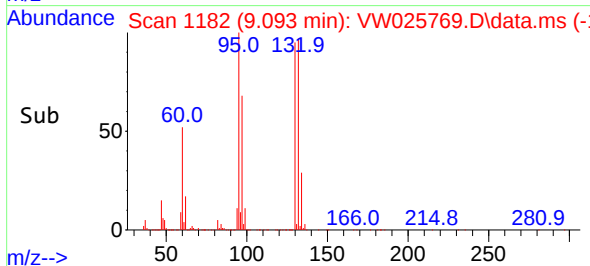
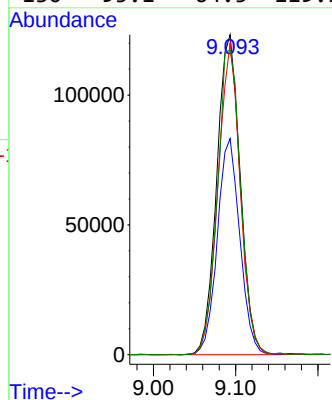
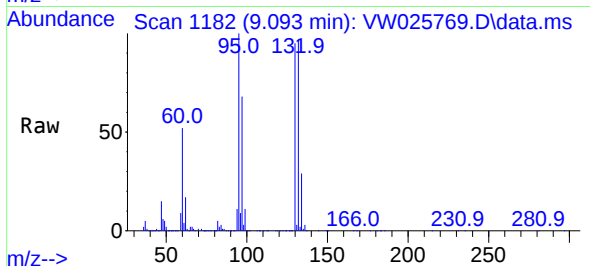




#34
Trichloroethene
Concen: 23.683 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

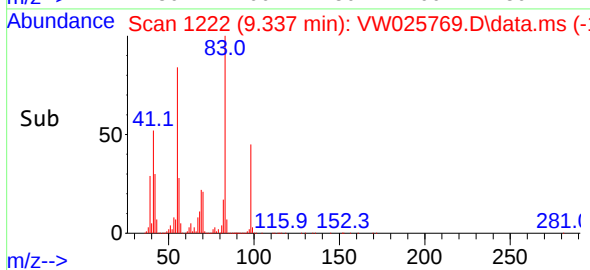
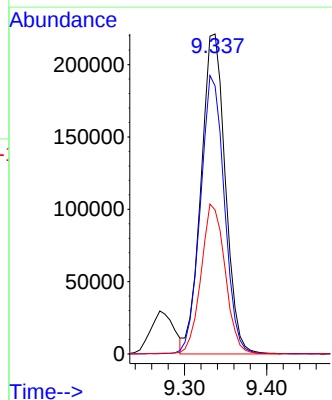
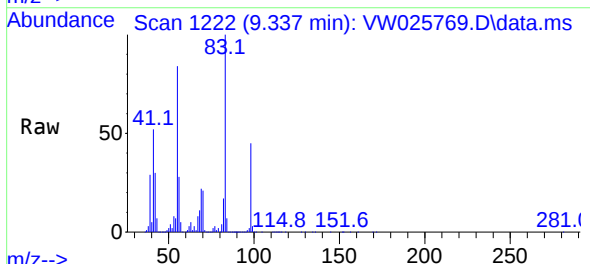
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

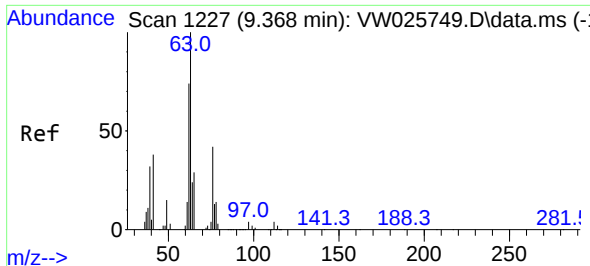
Tgt Ion: 95 Resp: 244634
Ion Ratio Lower Upper
95 100
97 67.5 44.7 83.1
132 97.4 65.0 120.6
130 95.1 64.5 119.9



#35
Methylcyclohexane
Concen: 24.702 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 83 Resp: 453492
Ion Ratio Lower Upper
83 100
55 85.8 68.7 103.1
98 46.4 37.4 56.2





#37

1,2-Dichloropropane

Concen: 24.560 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

Instrument :

MSVOA_W

ClientSampleId :

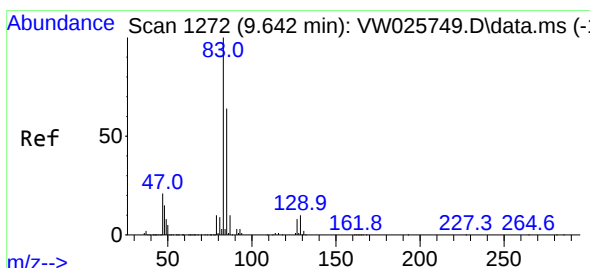
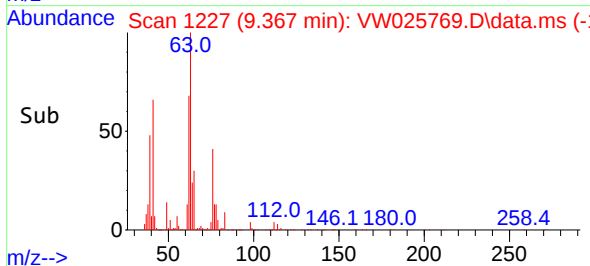
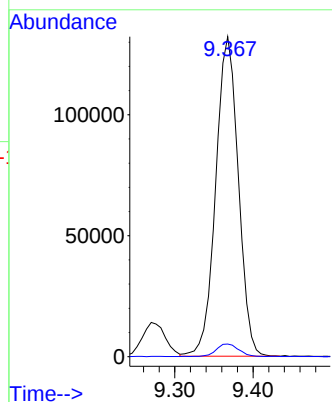
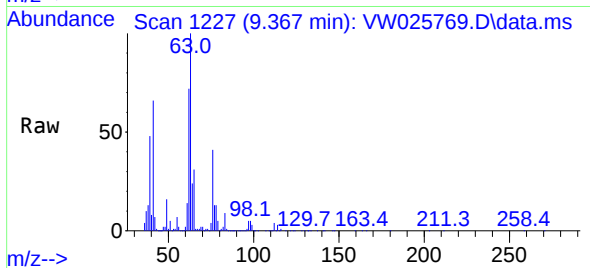
VSTD025586

Tgt Ion: 63 Resp: 264737

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 24.623 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

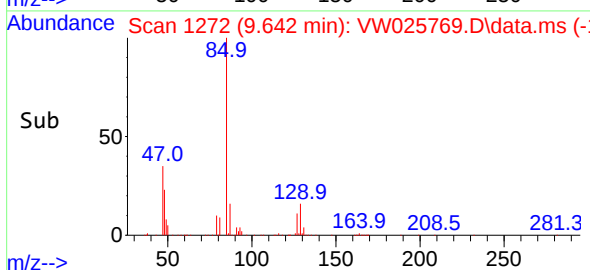
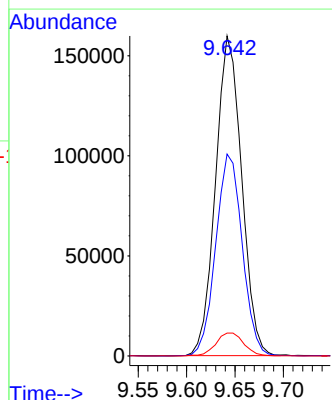
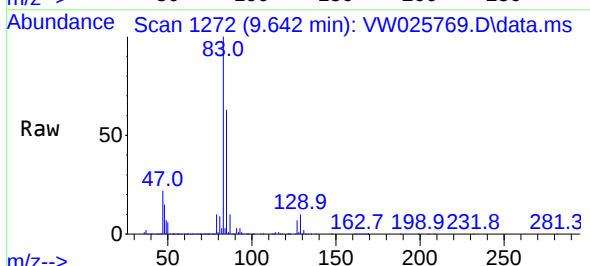
Tgt Ion: 83 Resp: 300008

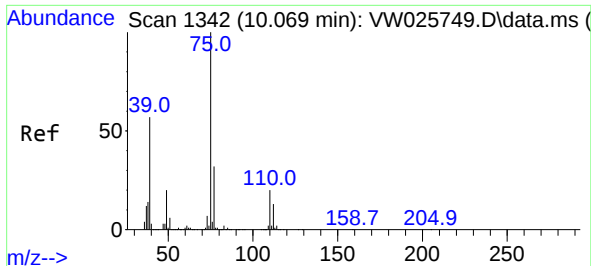
Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.4

127 7.2 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 24.953 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

Instrument :

MSVOA_W

ClientSampleId :

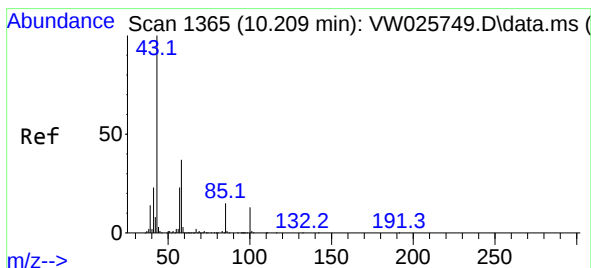
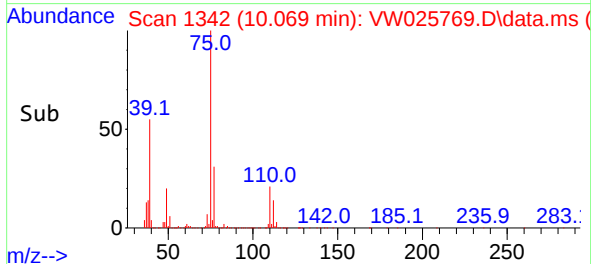
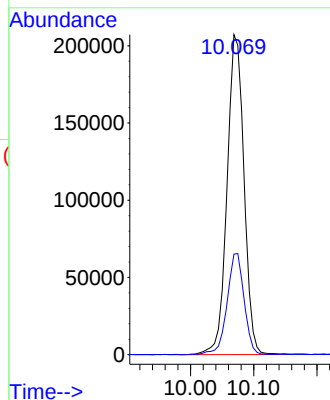
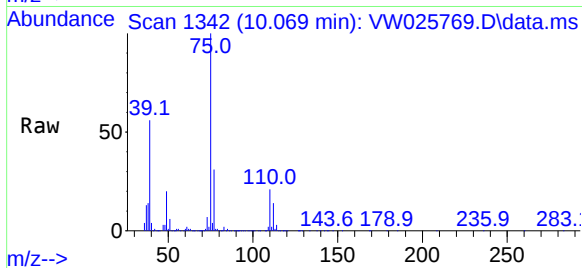
VSTD025586

Tgt Ion: 75 Resp: 385173

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 51.350 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

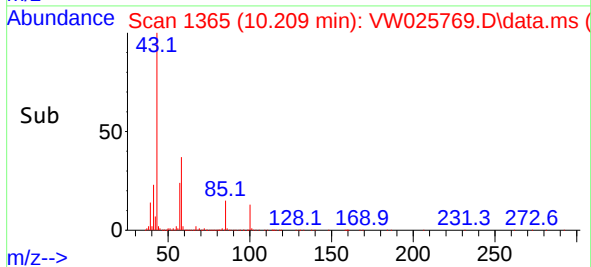
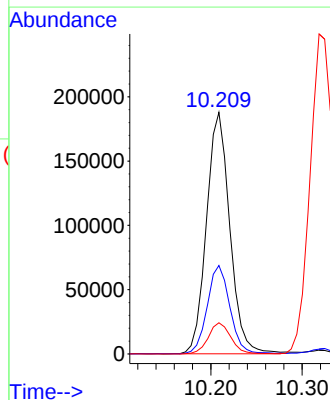
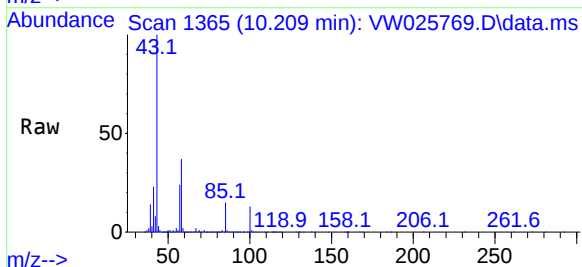
Tgt Ion: 43 Resp: 333865

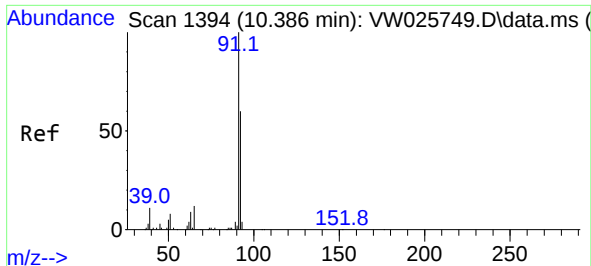
Ion Ratio Lower Upper

43 100

58 35.6 29.4 44.0

100 12.6 10.2 15.4

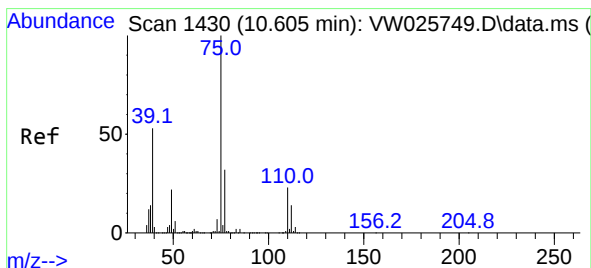
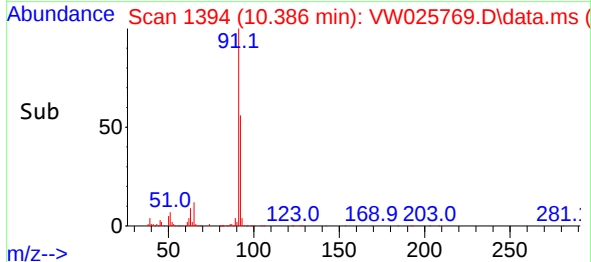
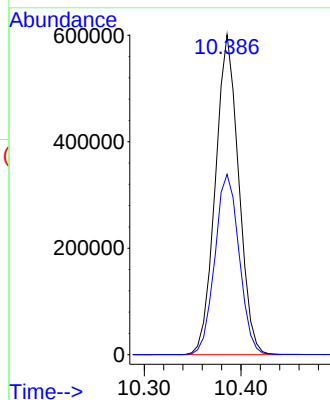
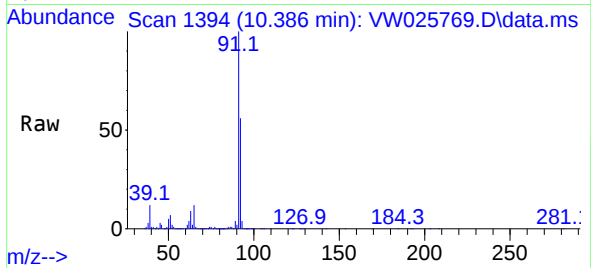




#42
Toluene
Concen: 24.665 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

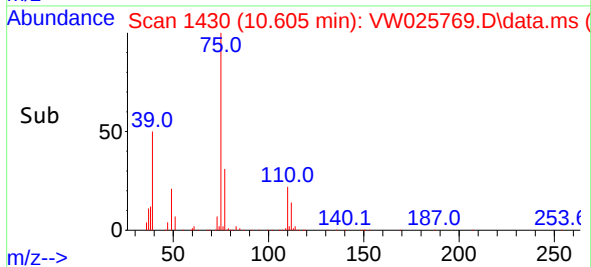
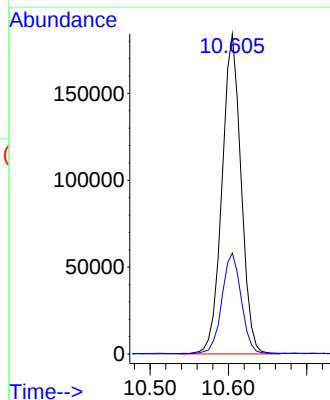
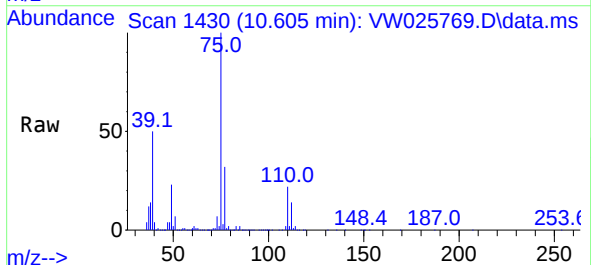
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

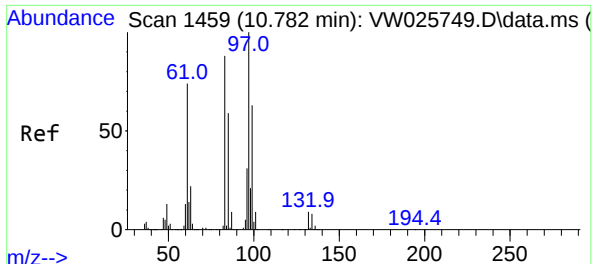
Tgt Ion: 91 Resp: 1006285
Ion Ratio Lower Upper
91 100
92 56.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 24.617 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 75 Resp: 312175
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7



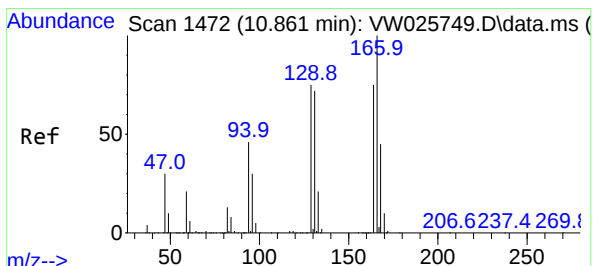
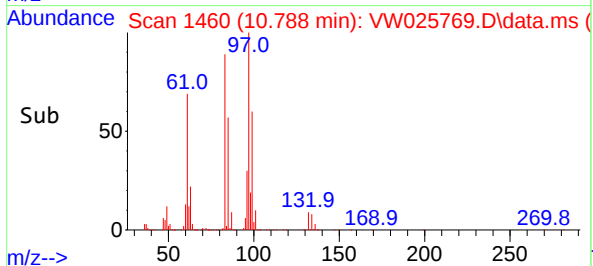
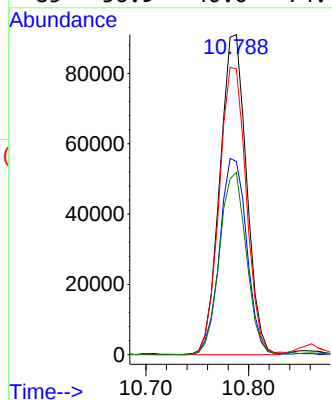
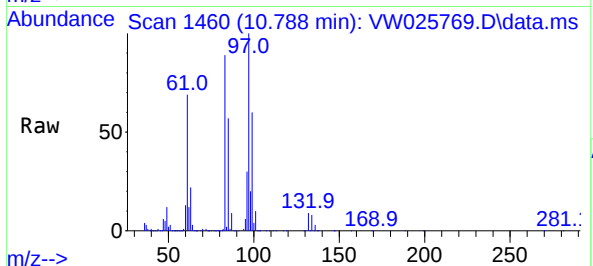


#45
1,1,2-Trichloroethane
Concen: 23.503 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Tgt Ion: 97 Resp: 164155

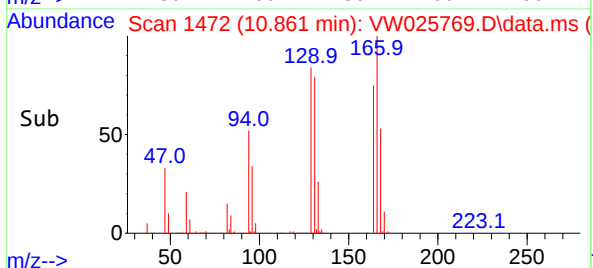
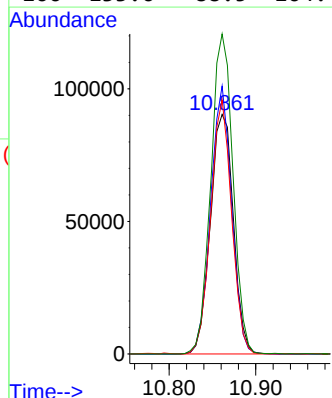
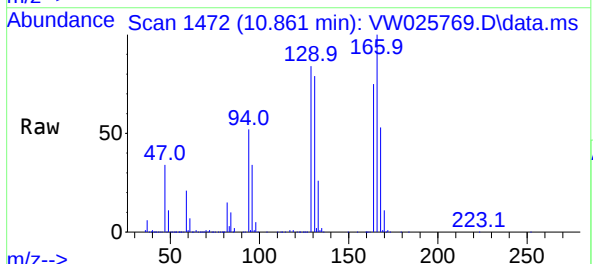
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.6	81.0
83	89.3	61.5	114.1
85	56.9	40.0	74.4

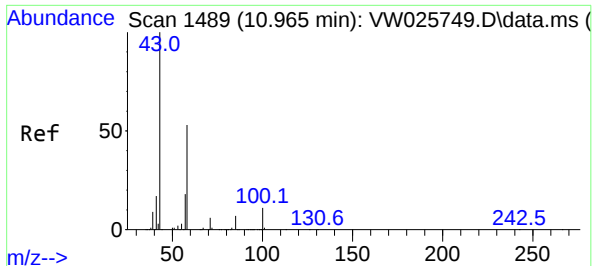


#46
Tetrachloroethene
Concen: 22.778 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 164 Resp: 166616

Ion	Ratio	Lower	Upper
164	100		
129	111.8	69.2	128.6
131	106.1	59.4	110.2
166	133.6	88.5	164.4



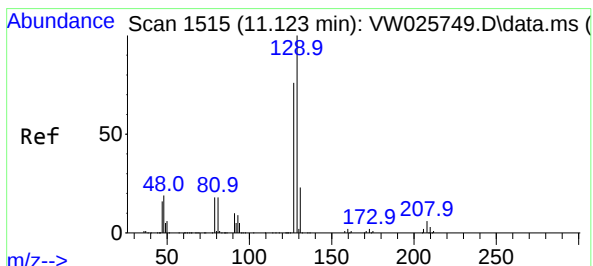
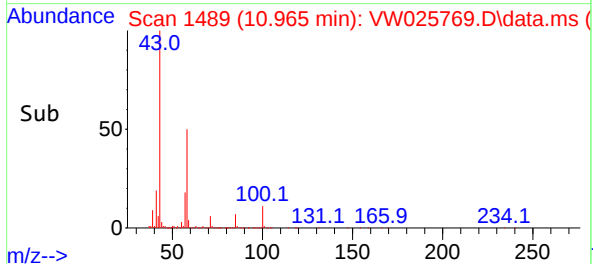
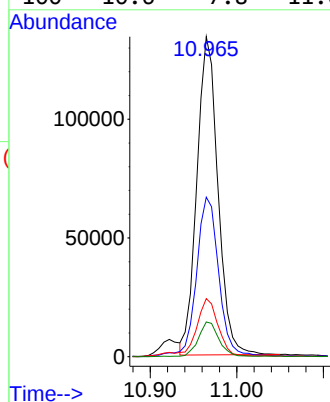
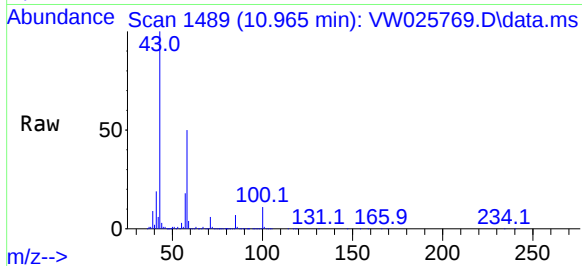


#48
2-Hexanone
Concen: 49.535 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Tgt Ion: 43 Resp: 226797

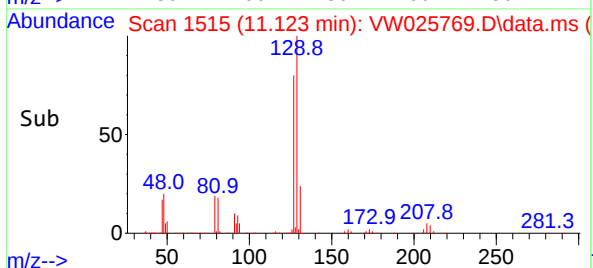
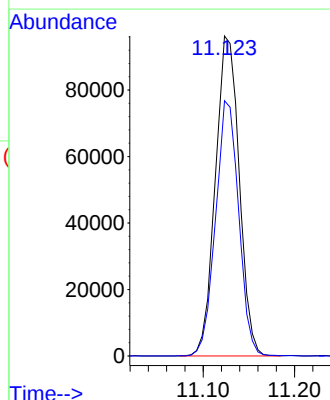
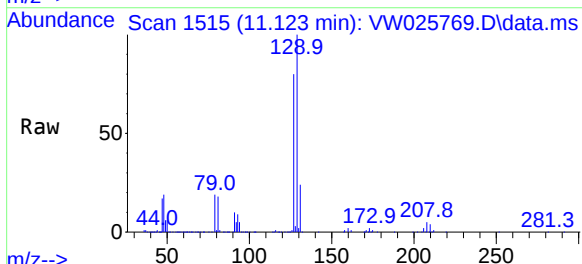
Ion	Ratio	Lower	Upper
43	100		
58	53.5	40.3	60.5
57	17.6	13.8	20.8
100	10.6	7.8	11.6

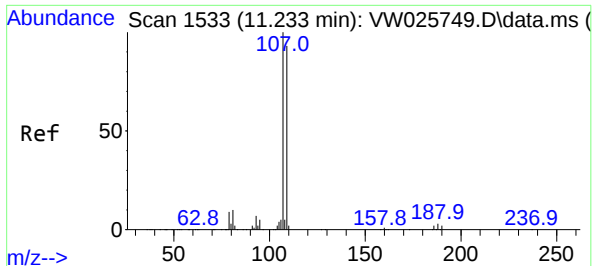


#49
Dibromochloromethane
Concen: 24.155 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 129 Resp: 174748

Ion	Ratio	Lower	Upper
129	100		
127	79.8	51.9	96.5





#50

1,2-Dibromoethane

Concen: 24.553 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

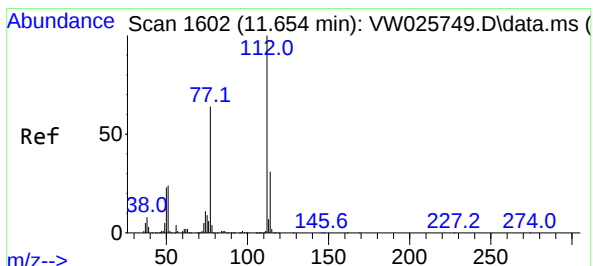
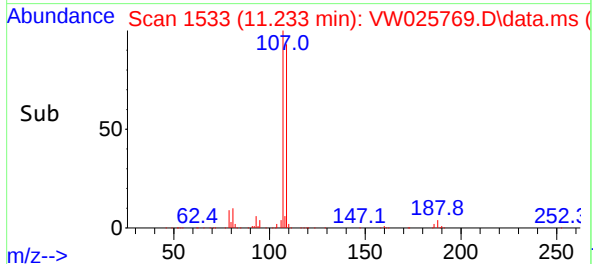
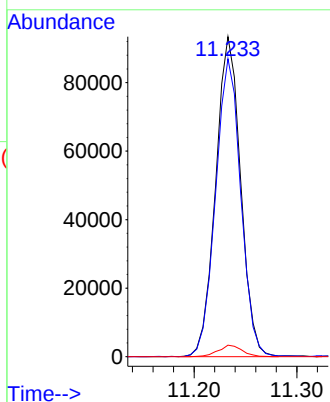
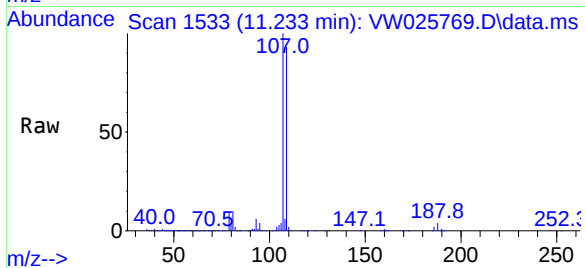
Tgt Ion:107 Resp: 157326

Ion Ratio Lower Upper

107 100

109 93.1 66.9 124.3

188 3.6 2.1 3.1#



#51

Chlorobenzene

Concen: 23.956 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

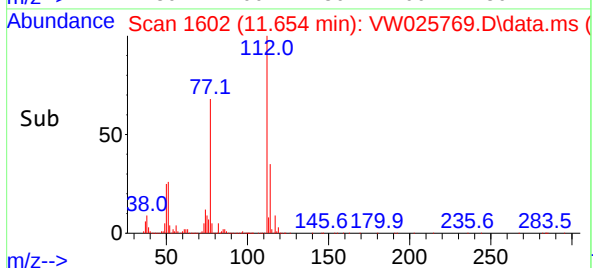
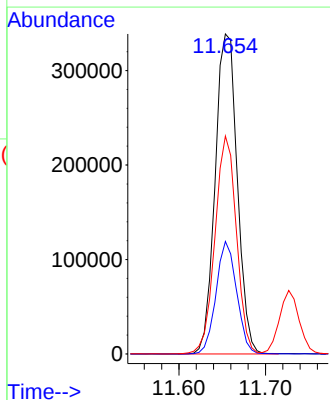
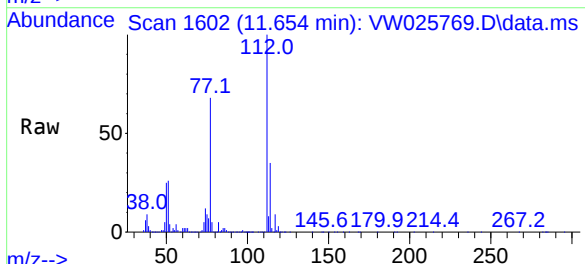
Tgt Ion:112 Resp: 601474

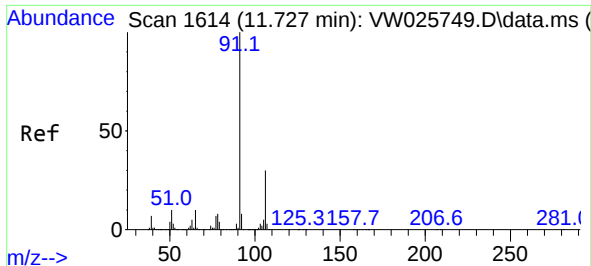
Ion Ratio Lower Upper

112 100

114 35.2 21.2 39.4

77 68.1 51.5 77.3

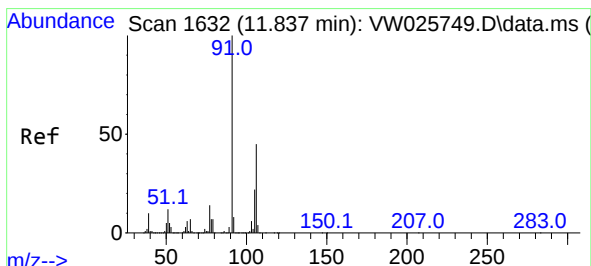
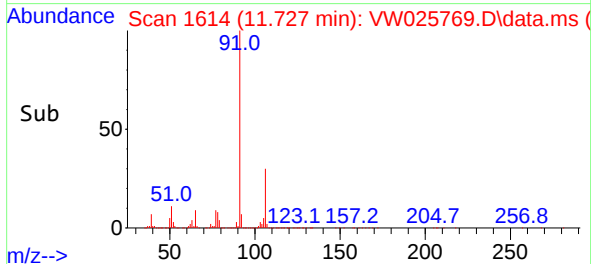
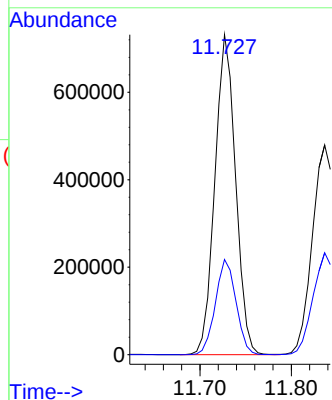
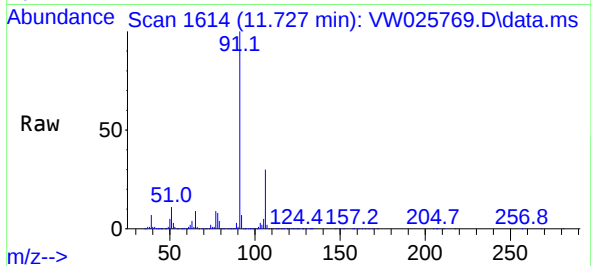




#52
Ethylbenzene
Concen: 25.135 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

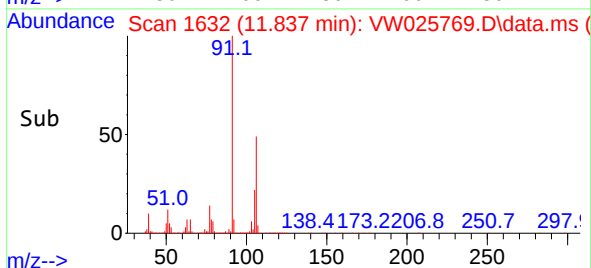
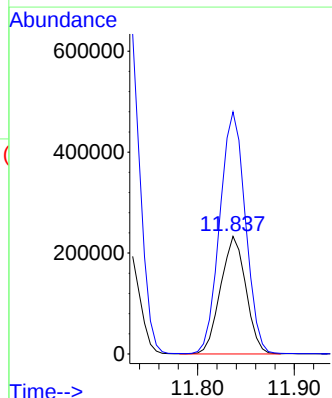
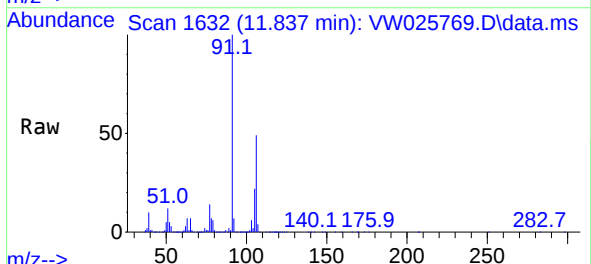
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

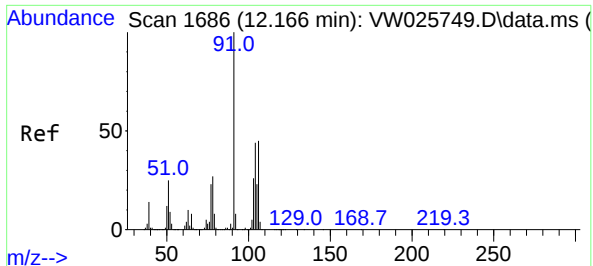
Tgt Ion: 91 Resp: 1149930
Ion Ratio Lower Upper
91 100
106 29.7 20.4 37.8



#53
m,p-Xylene
Concen: 25.052 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 106 Resp: 423108
Ion Ratio Lower Upper
106 100
91 205.8 151.1 280.5

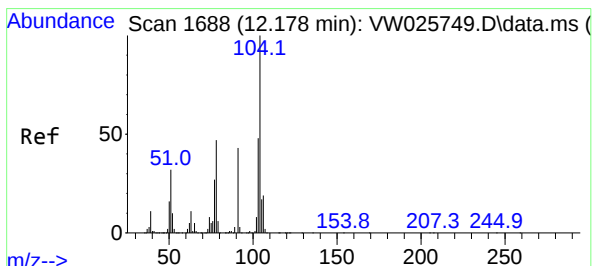
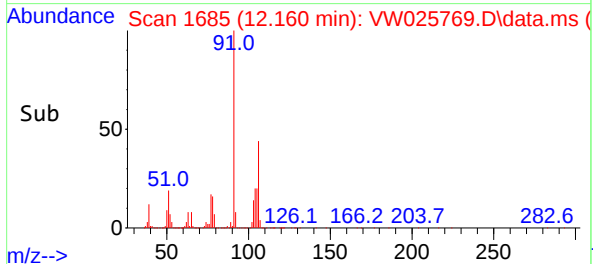
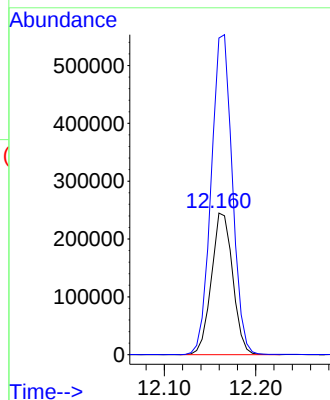
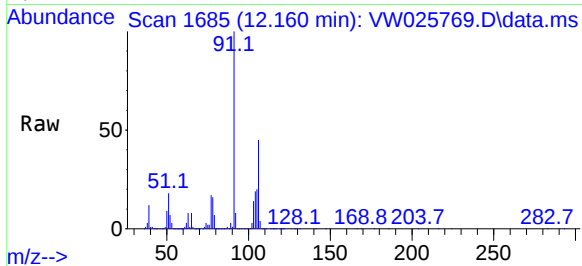




#54
o-Xylene
Concen: 25.102 ug/L
RT: 12.160 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

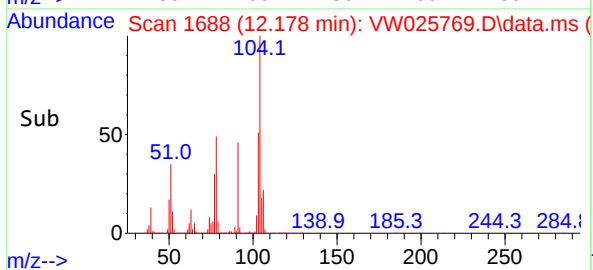
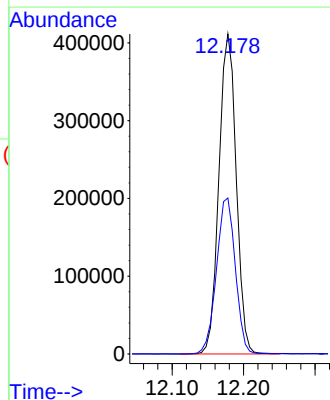
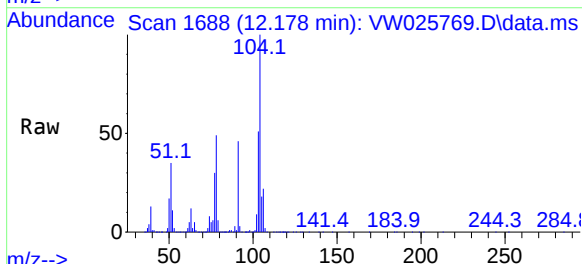
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

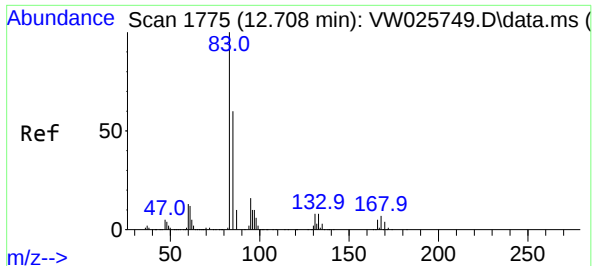
Tgt Ion:106 Resp: 395314
Ion Ratio Lower Upper
106 100
91 223.7 150.8 280.1



#55
Styrene
Concen: 25.928 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion:104 Resp: 692181
Ion Ratio Lower Upper
104 100
78 48.7 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.650 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

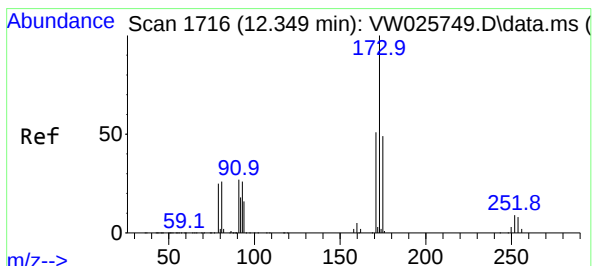
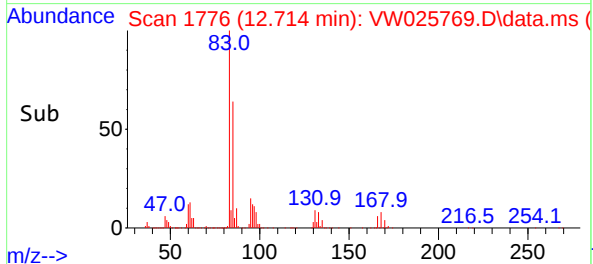
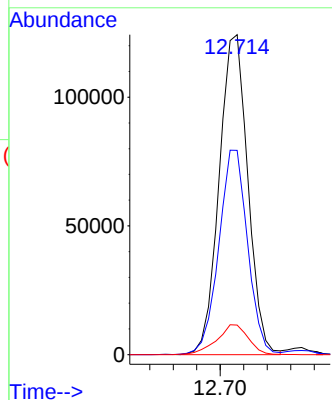
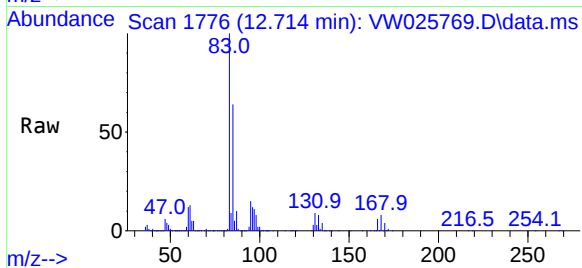
Tgt Ion: 83 Resp: 210860

Ion Ratio Lower Upper

83 100

85 63.9 42.2 78.4

131 9.3 6.6 9.8



#59

Bromoform

Concen: 25.517 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025769.D

Acq: 28 Apr 2023 18:52

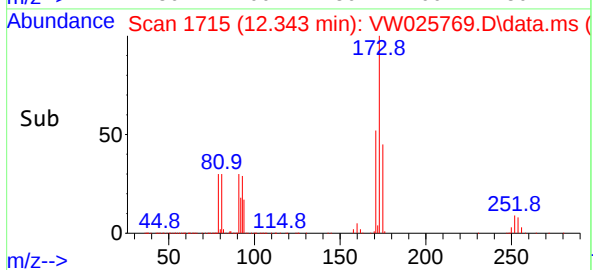
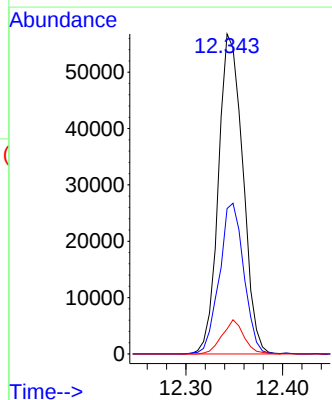
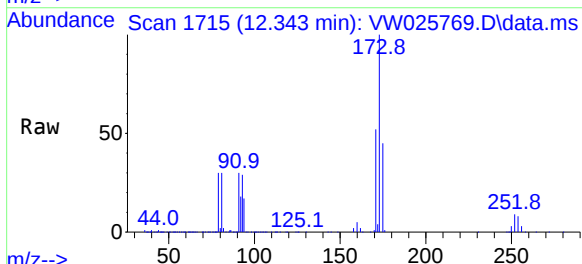
Tgt Ion:173 Resp: 99207

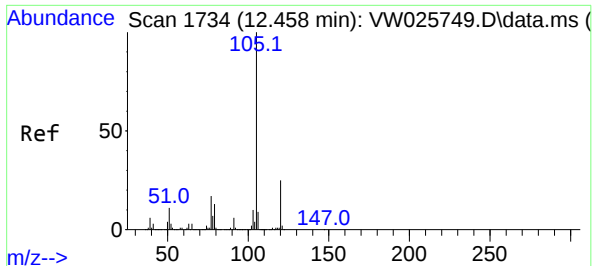
Ion Ratio Lower Upper

173 100

175 47.2 39.4 59.2

254 9.5 7.8 11.6

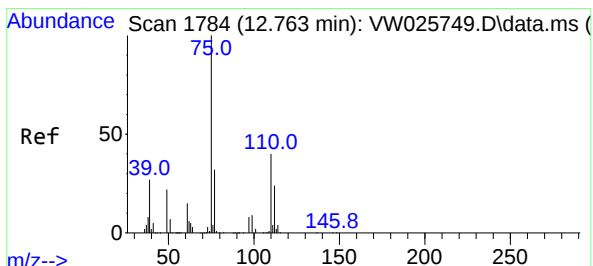
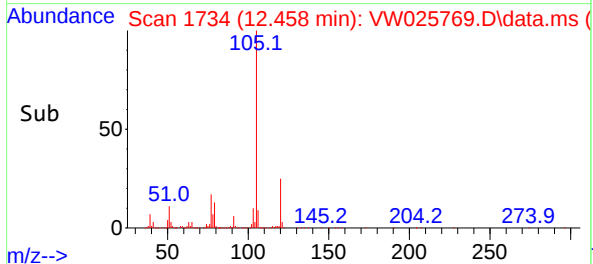
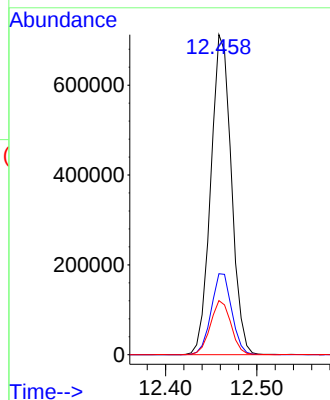
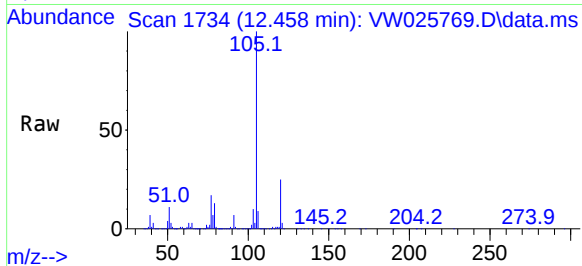




#60
Isopropylbenzene
Concen: 25.770 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

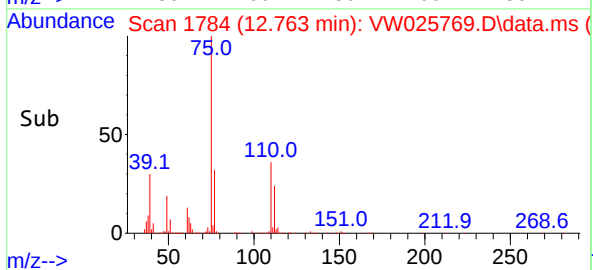
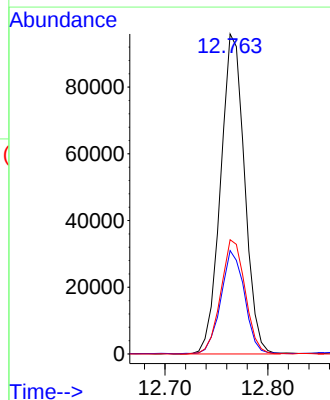
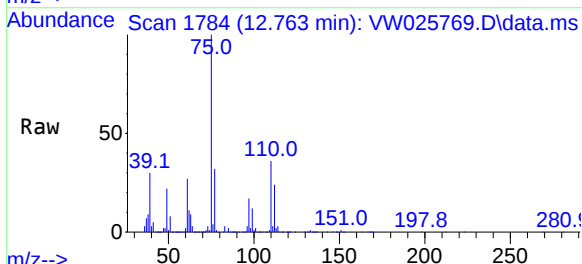
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

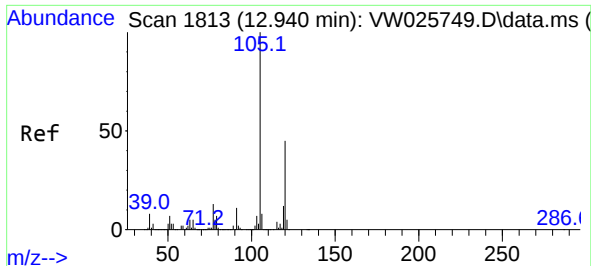
Tgt Ion:105 Resp: 1110585
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 16.9 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 25.430 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 75 Resp: 155186
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
110 36.3 28.7 43.1

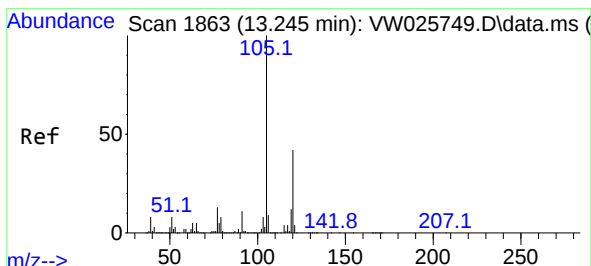
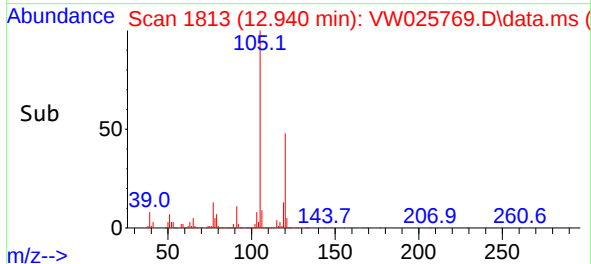
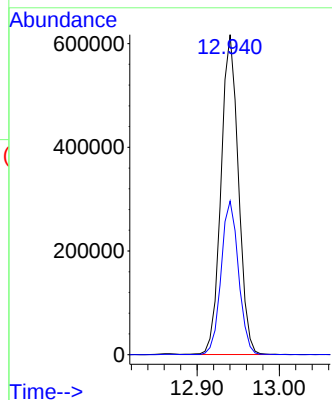
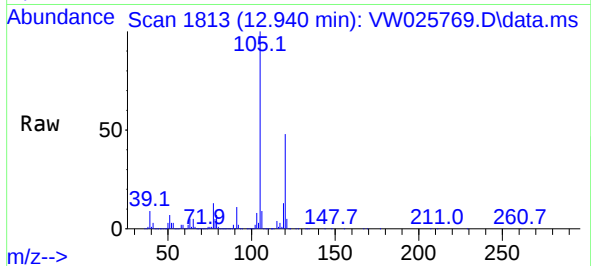




#62
1,3,5-Trimethylbenzene
Concen: 26.772 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

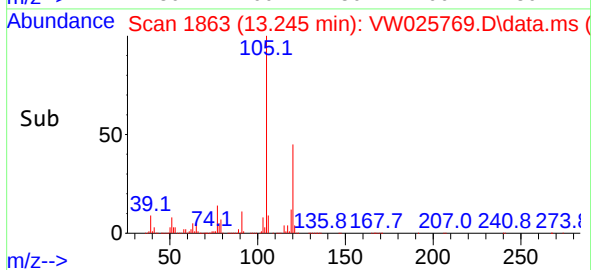
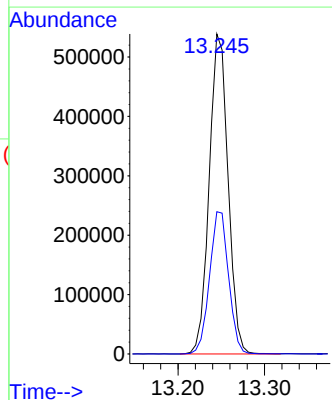
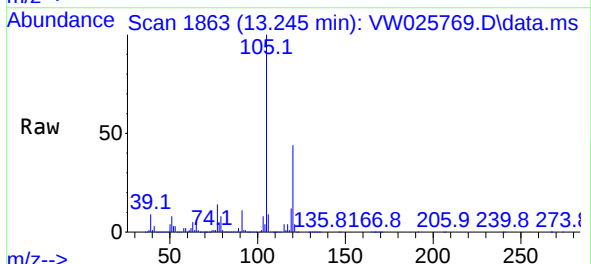
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

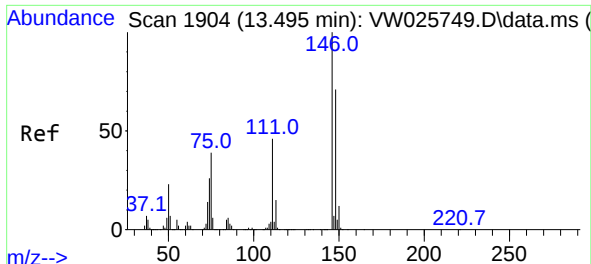
Tgt Ion:105 Resp: 907174
Ion Ratio Lower Upper
105 100
120 48.0 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.597 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion:105 Resp: 814076
Ion Ratio Lower Upper
105 100
120 44.9 35.7 53.5

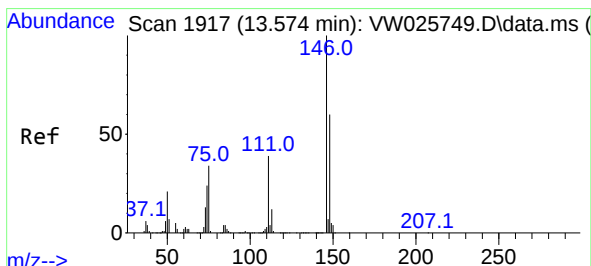
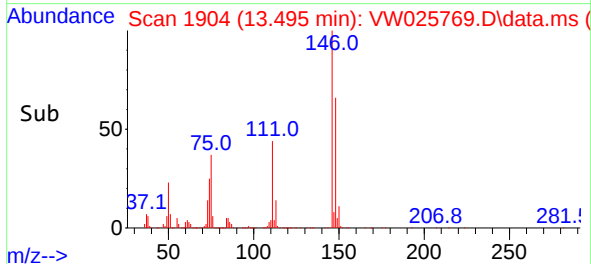
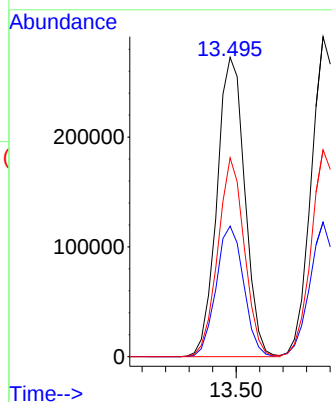
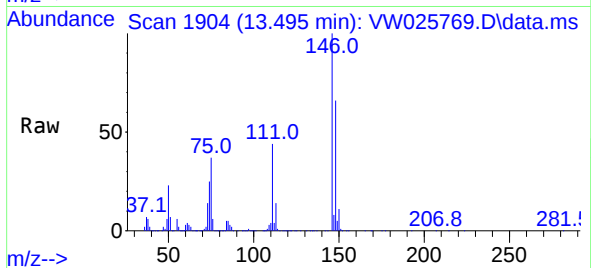




#64
1,3-Dichlorobenzene
Concen: 24.673 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

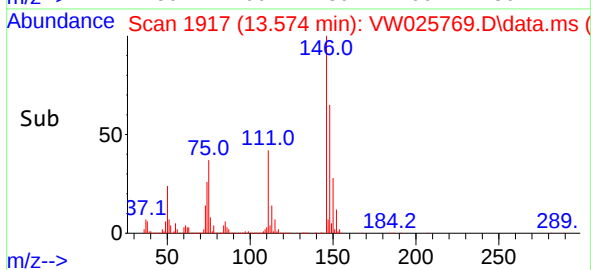
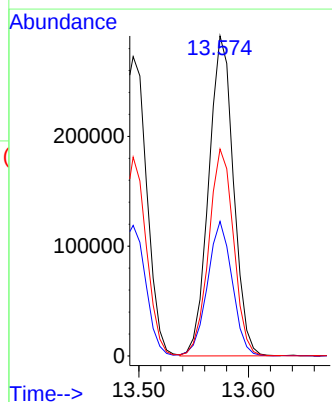
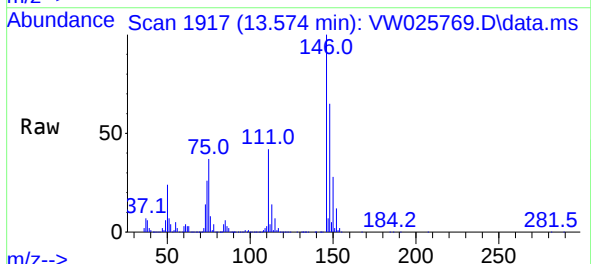
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

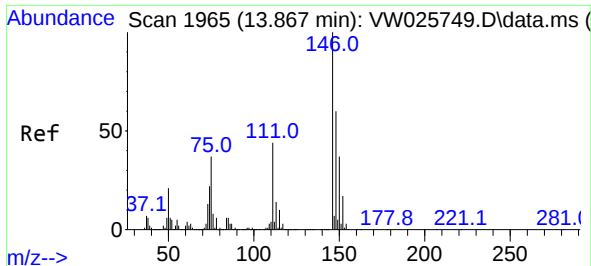
Tgt Ion:146 Resp: 448720
Ion Ratio Lower Upper
146 100
111 43.6 33.0 61.4
148 66.4 48.6 90.3



#65
1,4-Dichlorobenzene
Concen: 24.841 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion:146 Resp: 458057
Ion Ratio Lower Upper
146 100
111 42.0 30.4 56.4
148 64.7 49.3 91.5

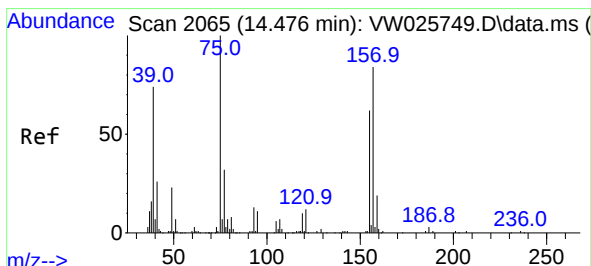
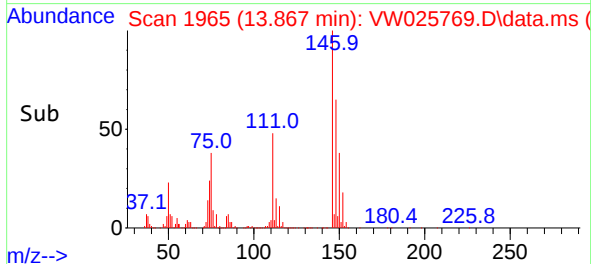
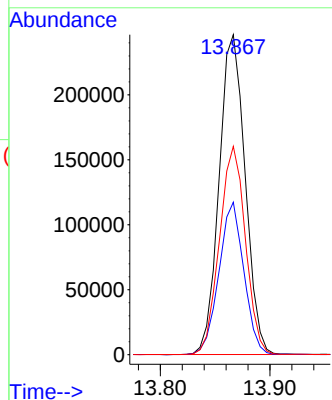
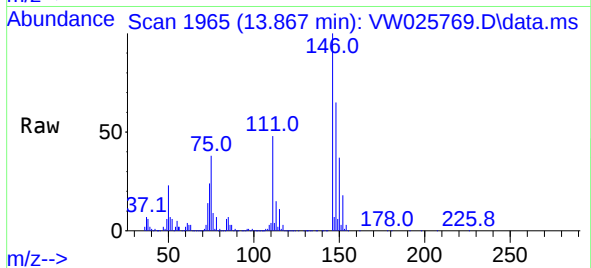




#67
1,2-Dichlorobenzene
Concen: 25.300 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

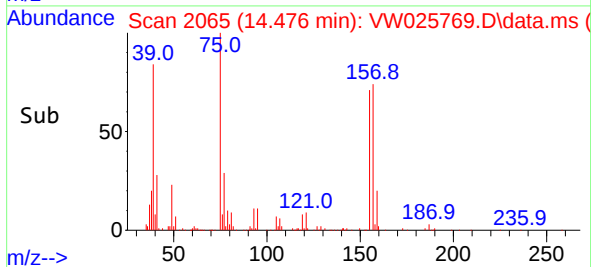
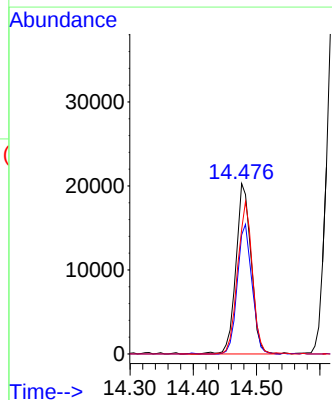
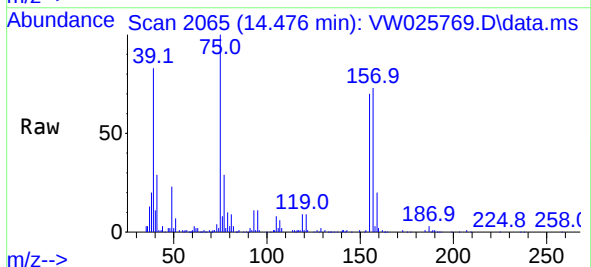
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

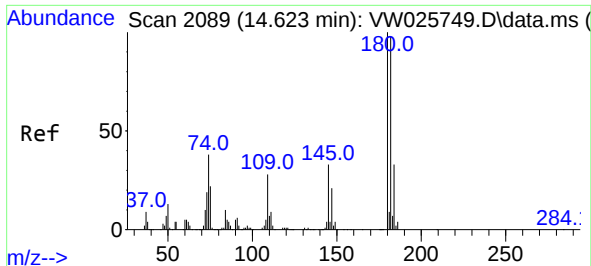
Tgt Ion:146 Resp: 405947
Ion Ratio Lower Upper
146 100
111 47.7 36.2 54.2
148 65.1 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.242 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion: 75 Resp: 33869
Ion Ratio Lower Upper
75 100
155 69.8 50.3 75.5
157 72.9 68.4 102.6

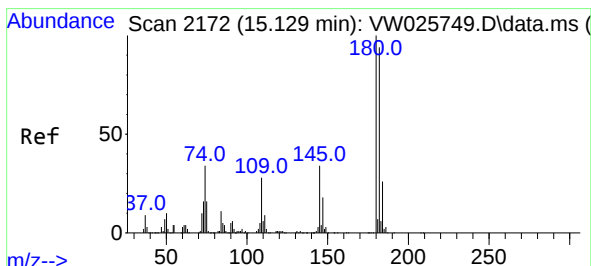
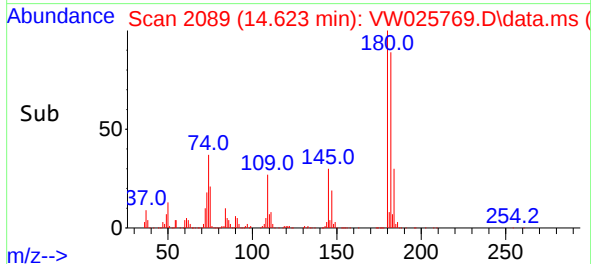
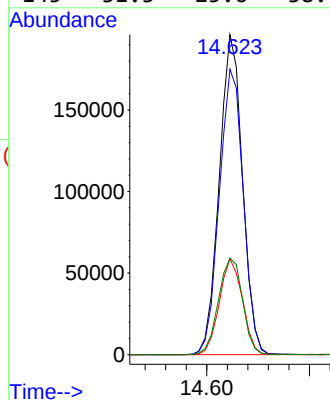
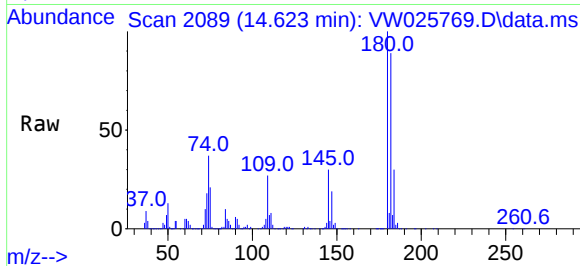




#69
1,3,5-Trichlorobenzene
Concen: 25.930 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

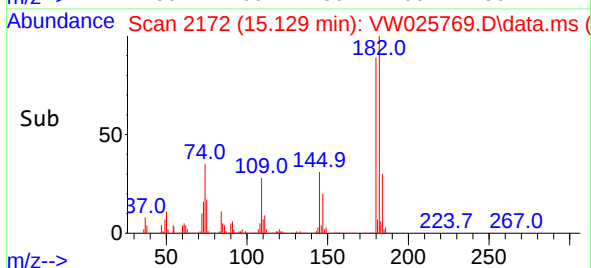
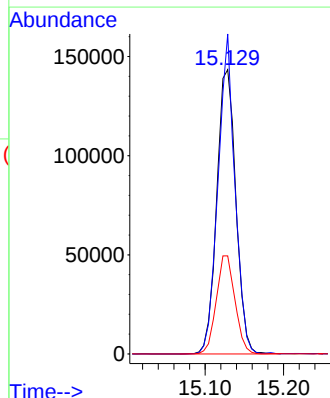
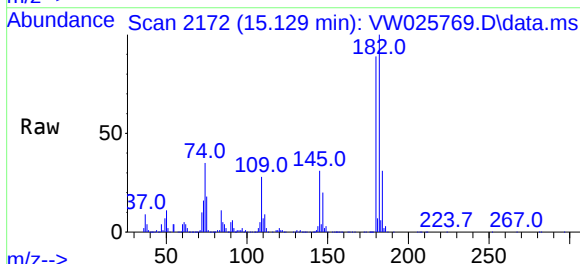
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

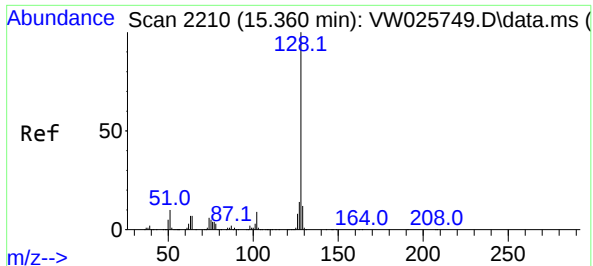
Tgt Ion:180	Resp:	306807	
Ion	Ratio	Lower	Upper
180	100		
182	92.3	79.0	118.4
184	29.8	23.8	35.8
145	31.3	25.6	38.4



#70
1,2,4-trichlorobenzene
Concen: 24.161 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion:180	Resp:	244102	
Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.7	115.1
145	33.8	26.4	39.6

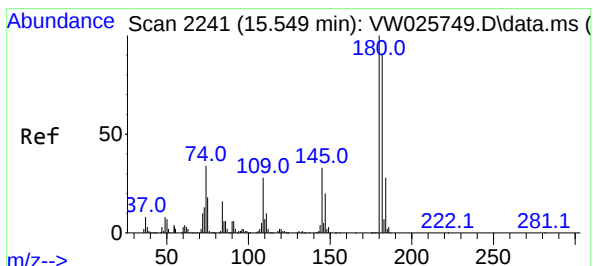
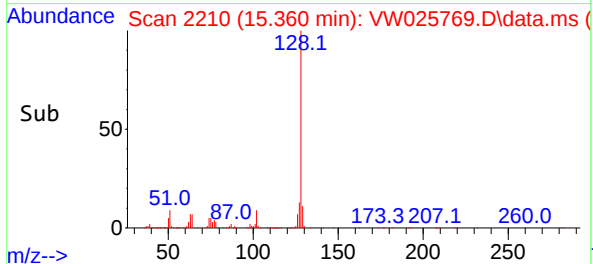
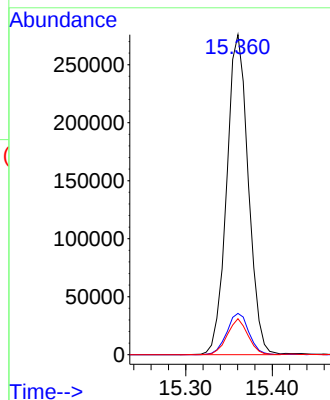
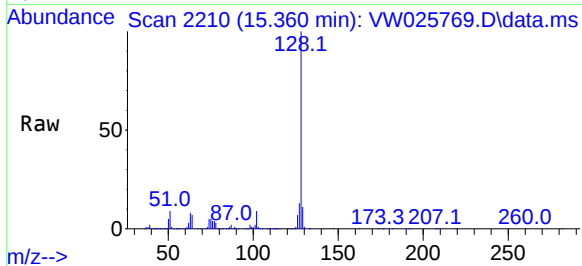




#71
Naphthalene
Concen: 26.472 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Tgt Ion:128 Resp: 477708
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.860 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025769.D
Acq: 28 Apr 2023 18:52

Tgt Ion:180 Resp: 230613
Ion Ratio Lower Upper
180 100
182 89.2 75.6 113.4
145 33.2 27.4 41.0

