

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025559.D
 Acq On : 03 Apr 2023 16:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Apr 04 03:12:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:04:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	735251	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	654451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	319065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	265166	22.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.893	69	200088	23.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	4.027	63	565147	23.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.440%
21) 2-Butanone-d5	7.075	46	161687	60.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.160%
24) Chloroform-d	7.648	84	517785	25.082	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	8.301	65	282213	26.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.120%
32) Benzene-d6	8.270	84	1083974	25.580	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.320%
36) 1,2-Dichloropropane-d6	9.270	67	330398	25.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.325	98	944504	25.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.080%
43) trans-1,3-Dichloroprop...	10.575	79	131249	26.494	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.922	63	114788	63.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	254773	28.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	283483	25.862	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	245283	23.856	ug/L	97
3) Chloromethane	2.229	50	328469	27.536	ug/L	100
5) Vinyl chloride	2.375	62	328844	24.937	ug/L	95
6) Bromomethane	2.790	94	182509	25.729	ug/L	98
8) Chloroethane	2.930	64	192725	26.095	ug/L	97
9) Trichlorofluoromethane	3.265	101	225744	22.221	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	267754	26.264	ug/L	96
12) 1,1-Dichloroethene	4.045	96	257014	25.187	ug/L	94
13) Acetone	4.119	43	117993	52.232	ug/L	96
14) Carbon disulfide	4.393	76	916284	25.451	ug/L	100
15) Methyl Acetate	4.667	43	157810	31.094	ug/L	98
16) Methylene chloride	4.917	84	293694	25.130	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	290969	26.820	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	426413	28.481	ug/L	99
19) 1,1-Dichloroethane	6.216	63	587297	27.095	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	305975	27.107	ug/L #	99
22) 2-Butanone	7.167	43	203503	63.369	ug/L	99
23) Bromochloromethane	7.514	128	129477	27.971	ug/L	94
25) Chloroform	7.679	83	539682	27.227	ug/L	96

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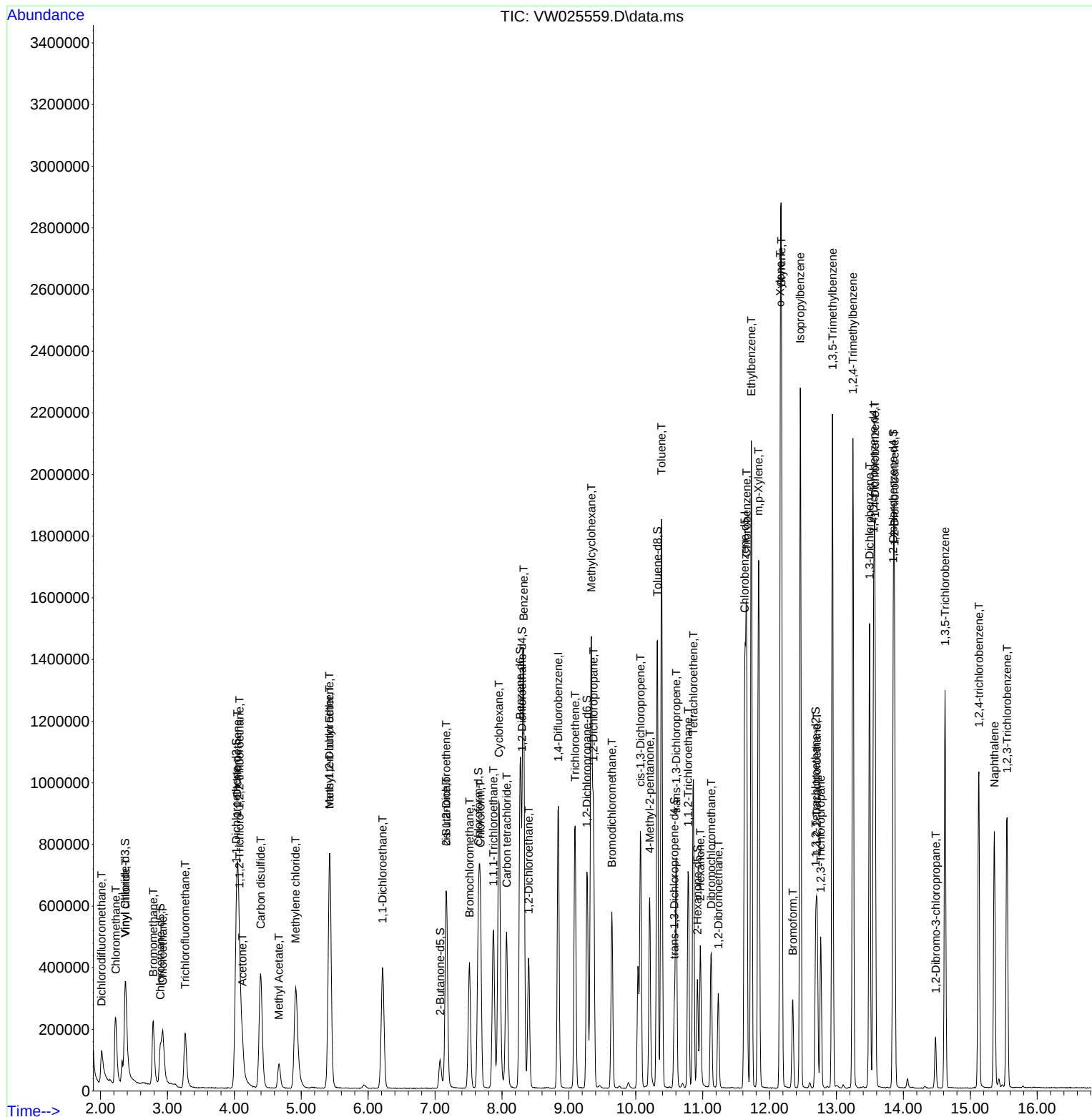
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	375451	28.227	ug/L	98
29) Cyclohexane	7.953	56	569425	26.882	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	416961	25.641	ug/L	99
31) Carbon tetrachloride	8.069	117	379673	25.854	ug/L	99
33) Benzene	8.325	78	1235388	27.120	ug/L	100
34) Trichloroethene	9.093	95	306375	25.857	ug/L	95
35) Methylcyclohexane	9.337	83	564670	26.392	ug/L	99
37) 1,2-Dichloropropane	9.368	63	332849	27.667	ug/L	99
38) Bromodichloromethane	9.642	83	379220	27.550	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	480908	27.868	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	435214	63.913	ug/L	99
42) Toluene	10.386	91	1278771	27.569	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	401270	28.199	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	220643	28.764	ug/L	97
46) Tetrachloroethene	10.861	164	216266	25.952	ug/L	92
48) 2-Hexanone	10.965	43	306034	65.046	ug/L	98
49) Dibromochloromethane	11.130	129	229799	28.453	ug/L	98
50) 1,2-Dibromoethane	11.233	107	203687	28.900	ug/L	95
51) Chlorobenzene	11.654	112	752754	26.336	ug/L	95
52) Ethylbenzene	11.727	91	1419396	27.041	ug/L	98
53) m,p-Xylene	11.837	106	529028	27.483	ug/L	96
54) o-Xylene	12.160	106	502094	27.882	ug/L	99
55) Styrene	12.178	104	863880	28.501	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	272354	29.642	ug/L	99
59) Bromoform	12.349	173	127798	29.230	ug/L	94
60) Isopropylbenzene	12.459	105	1383232	27.675	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	198461	30.012	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1119028	28.362	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1073962	28.269	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	565550	27.305	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	569256	26.912	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	491940	27.092	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	42636	29.391	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	355616	25.644	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	303399	26.933	ug/L	97
71) Naphthalene	15.360	128	668354	31.797	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	275578	27.980	ug/L	95

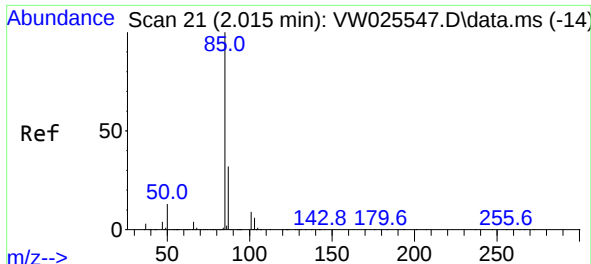
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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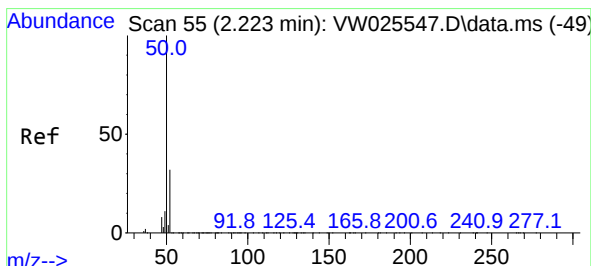
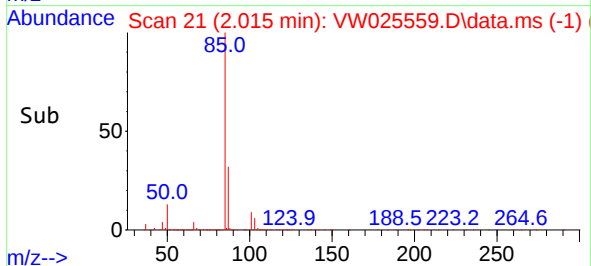
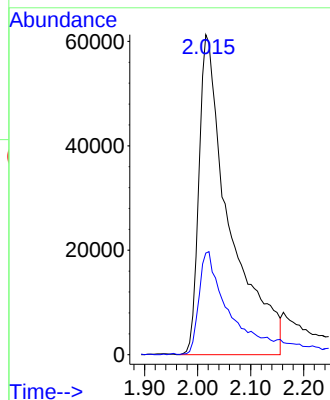
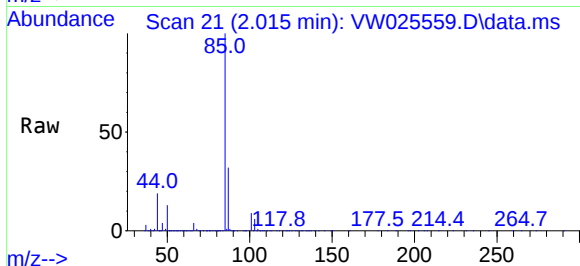




#2
Dichlorodifluoromethane
Concen: 23.856 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

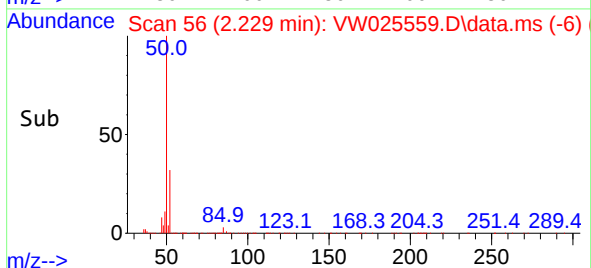
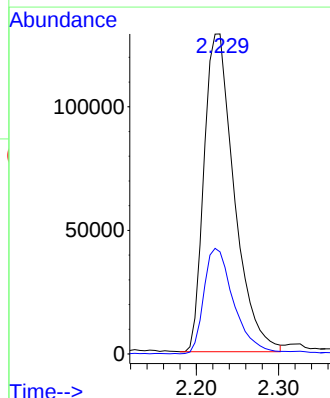
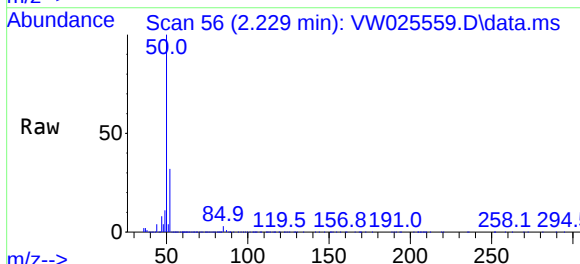
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MSVOA_W
ClientSampleId :
VSTD025564

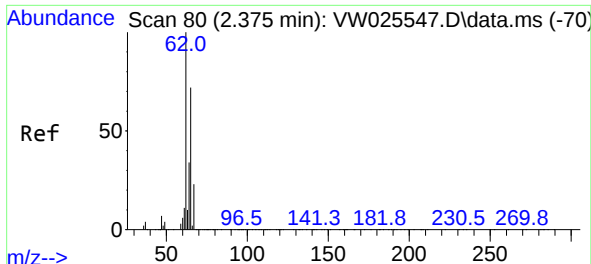
Tgt Ion: 85 Resp: 245283
Ion Ratio Lower Upper
85 100
87 29.4 24.6 37.0



#3
Chloromethane
Concen: 27.536 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 50 Resp: 328469
Ion Ratio Lower Upper
50 100
52 31.9 22.2 41.2

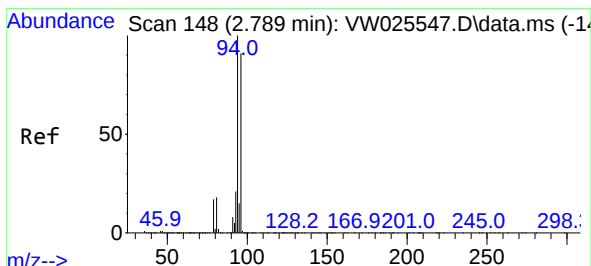
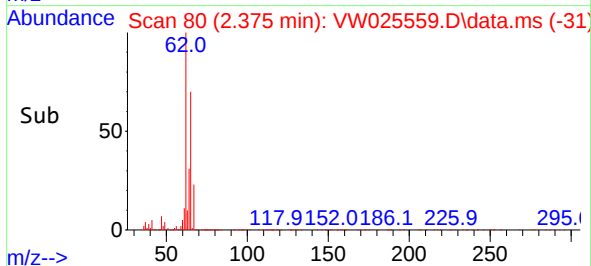
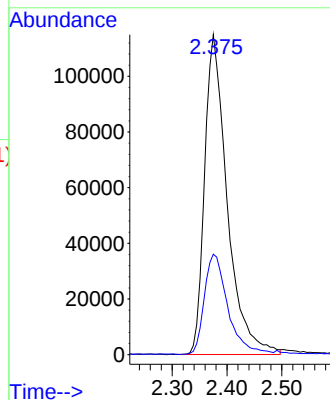
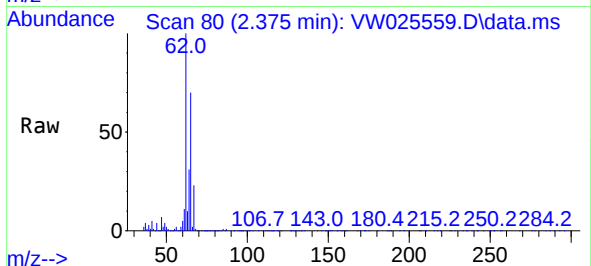




#5
 Vinyl chloride
 Concen: 24.937 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025559.D
 Acq: 03 Apr 2023 16:39

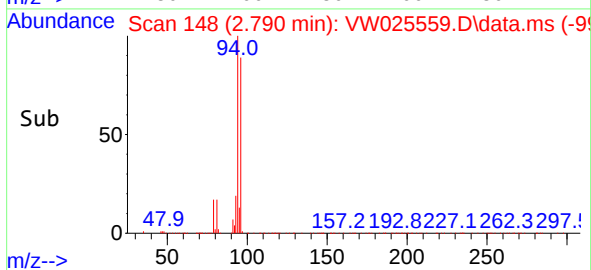
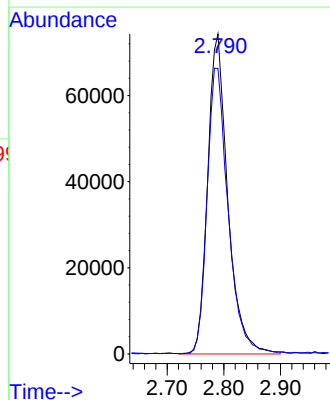
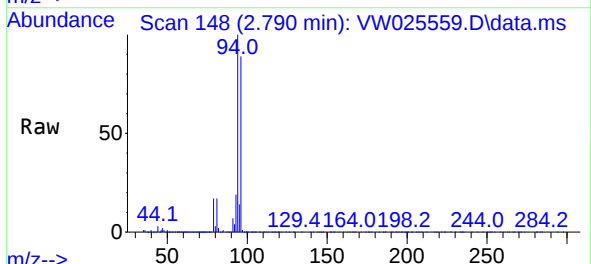
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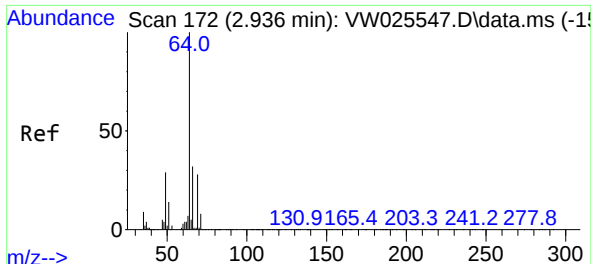
Tgt Ion: 62 Resp: 328844
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.9 44.3



#6
 Bromomethane
 Concen: 25.729 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025559.D
 Acq: 03 Apr 2023 16:39

Tgt Ion: 94 Resp: 182509
 Ion Ratio Lower Upper
 94 100
 96 89.2 64.0 118.8

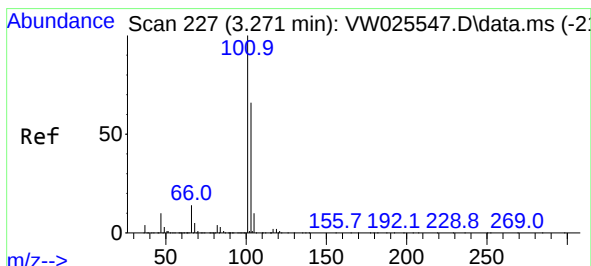
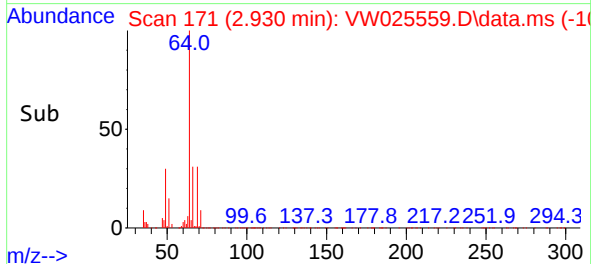
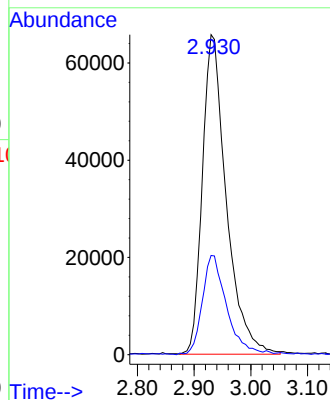
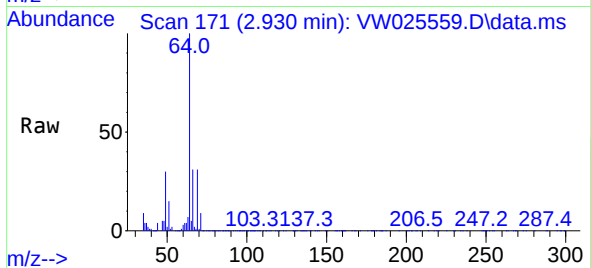




#8
Chloroethane
Concen: 26.095 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

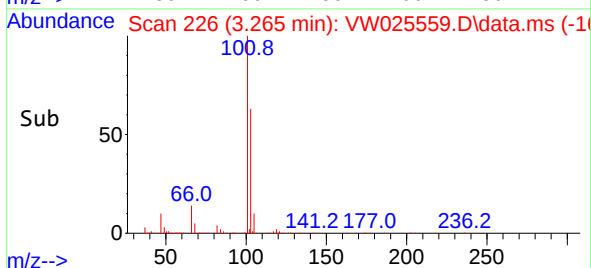
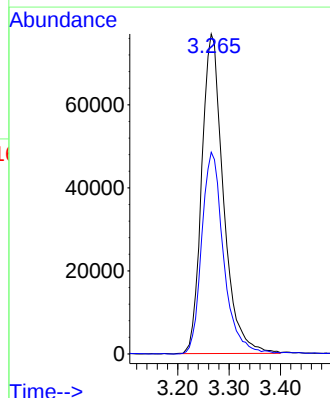
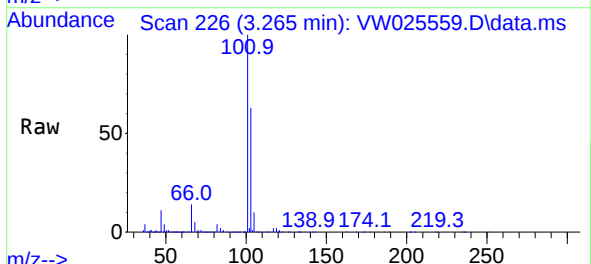
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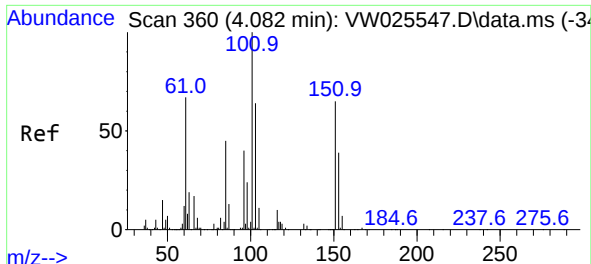
Tgt Ion: 64 Resp: 192725
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.221 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 101 Resp: 225744
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5

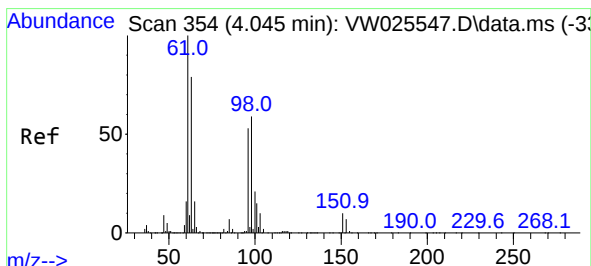
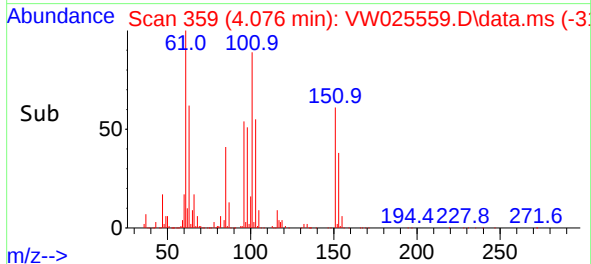
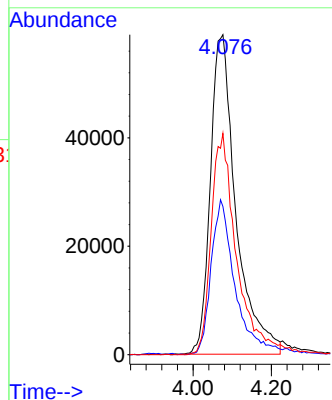
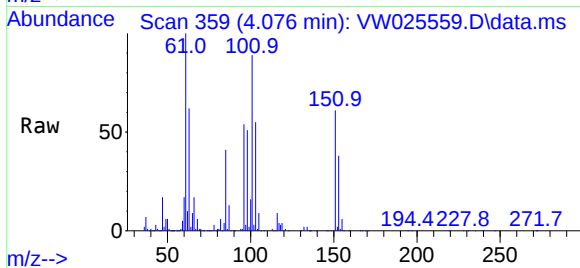




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.264 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025559.D
 Acq: 03 Apr 2023 16:39

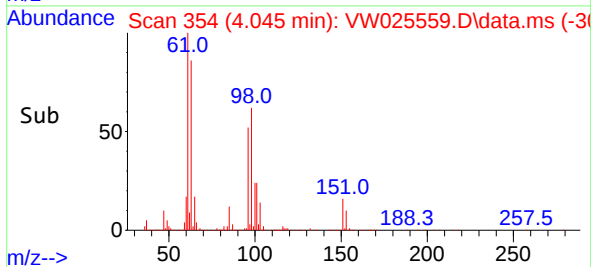
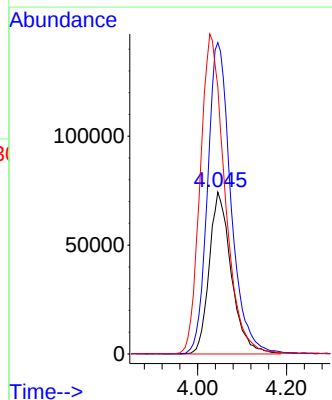
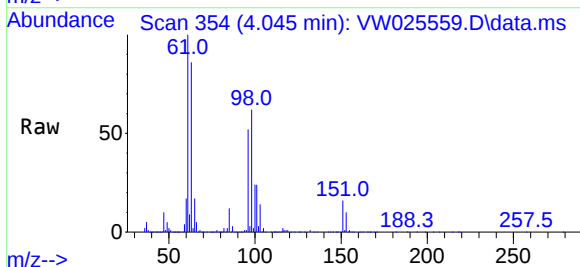
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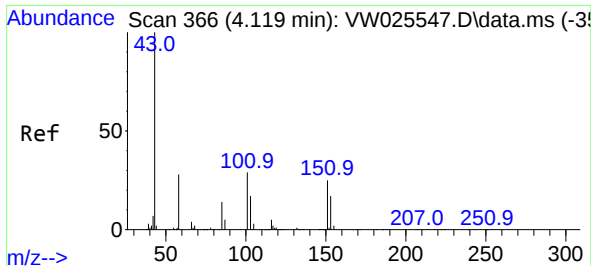
Tgt Ion:101 Resp: 267754
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.5 51.7
 151 63.5 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.187 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025559.D
 Acq: 03 Apr 2023 16:39

Tgt Ion: 96 Resp: 257014
 Ion Ratio Lower Upper
 96 100
 61 192.4 132.7 246.4
 63 165.3 105.0 195.0

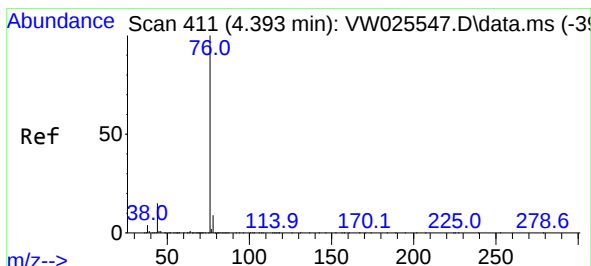
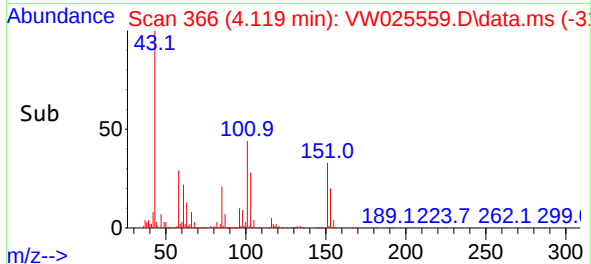
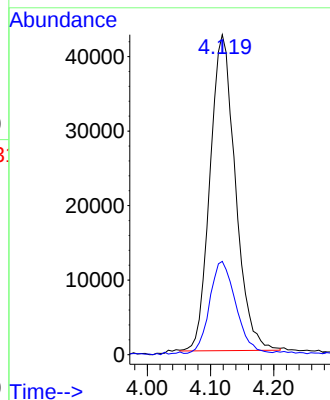
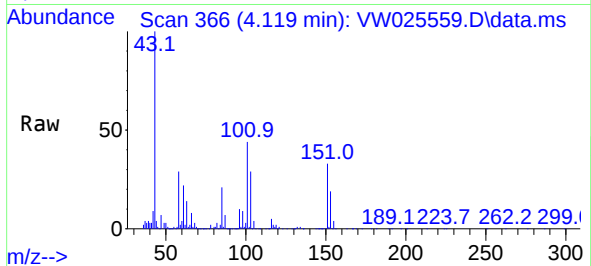




#13
Acetone
Concen: 52.232 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW025559.D
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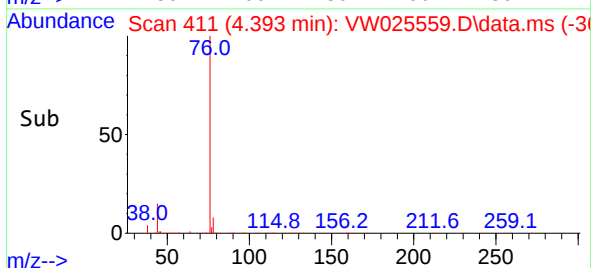
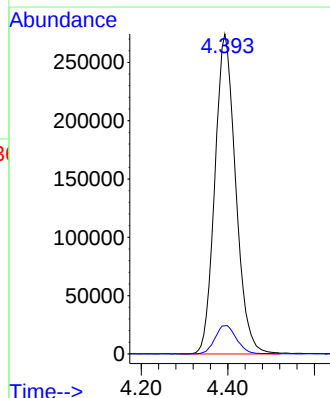
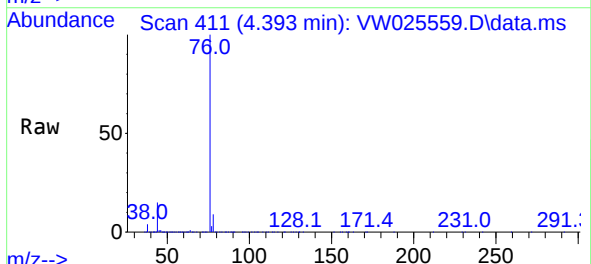
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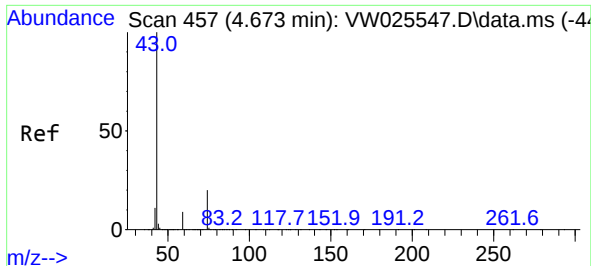
Tgt Ion: 43 Resp: 117993
Ion Ratio Lower Upper
43 100
58 30.9 0.0 57.4



#14
Carbon disulfide
Concen: 25.451 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 916284
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

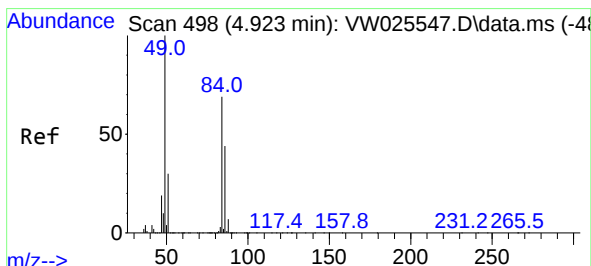
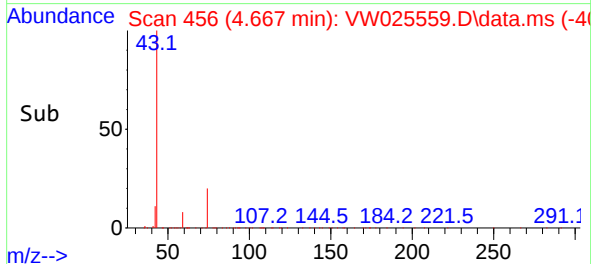
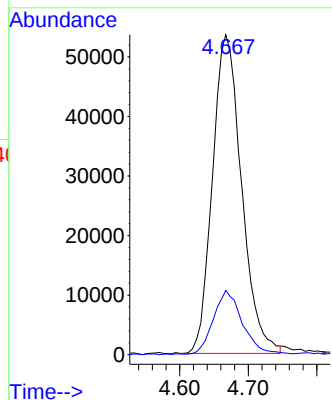
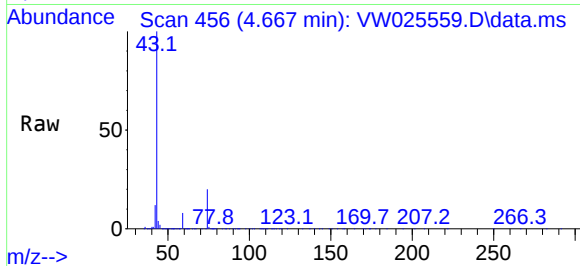




#15
Methyl Acetate
Concen: 31.094 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

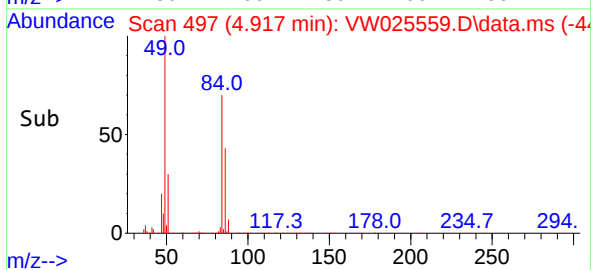
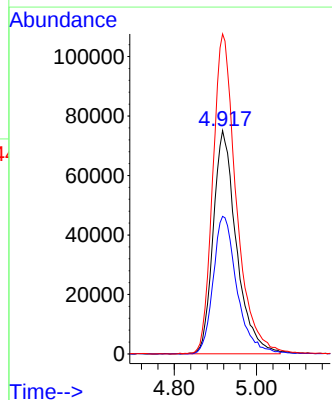
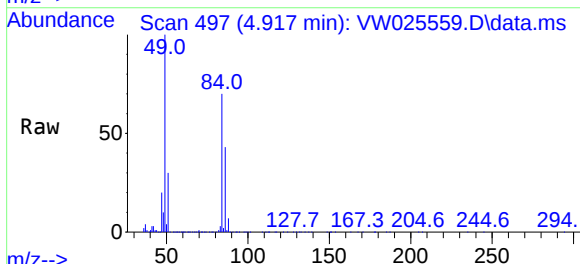
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

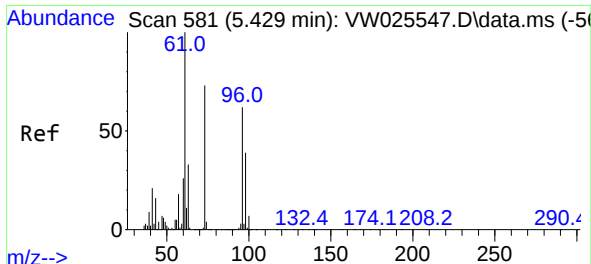
Tgt Ion: 43 Resp: 157810
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4



#16
Methylene chloride
Concen: 25.130 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 84 Resp: 293694
Ion Ratio Lower Upper
84 100
86 61.6 44.9 83.3
49 143.3 101.4 188.4

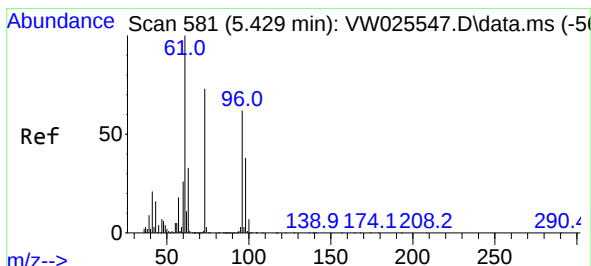
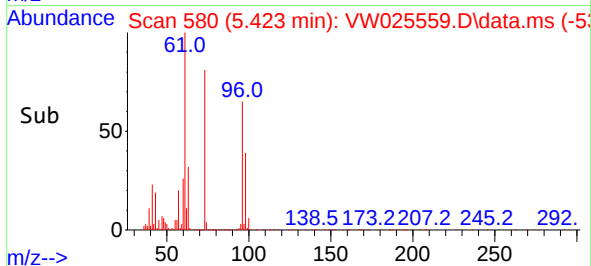
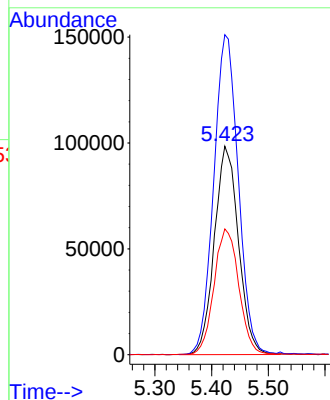
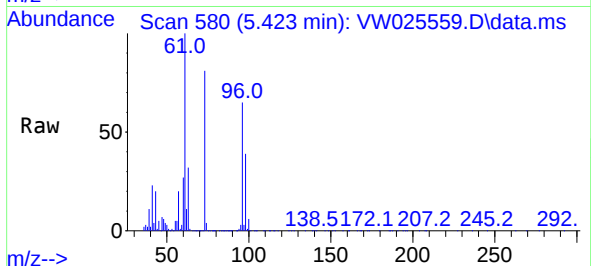




#17
trans-1,2-Dichloroethene
Concen: 26.820 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

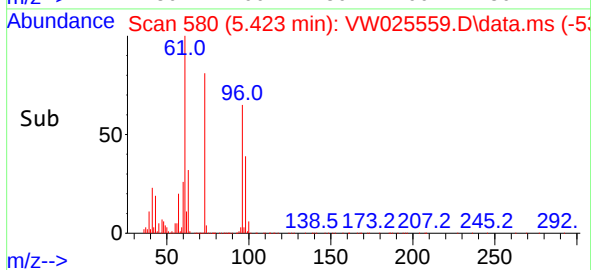
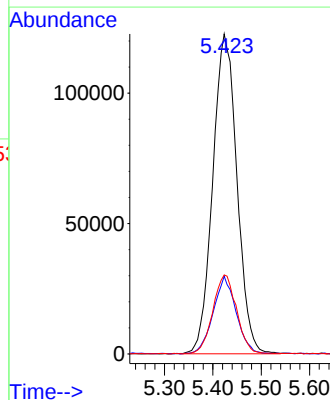
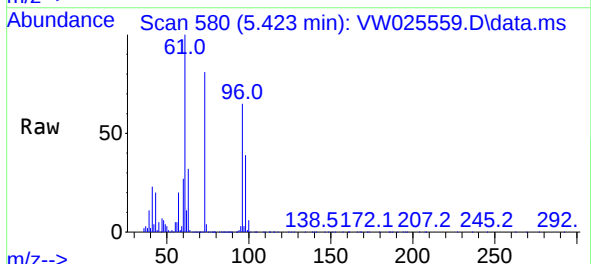
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

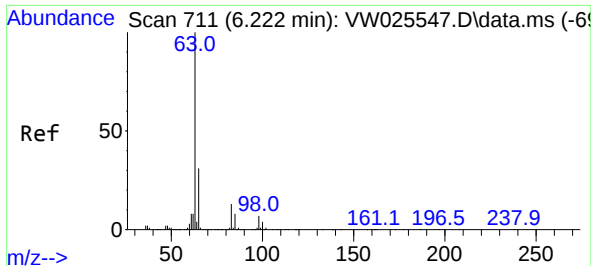
Tgt Ion: 96 Resp: 290969
Ion Ratio Lower Upper
96 100
61 153.5 113.3 210.3
98 60.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 28.481 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 73 Resp: 426413
Ion Ratio Lower Upper
73 100
43 23.1 17.8 26.6
57 24.2 19.0 28.6

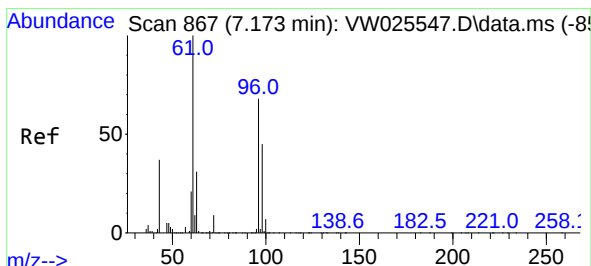
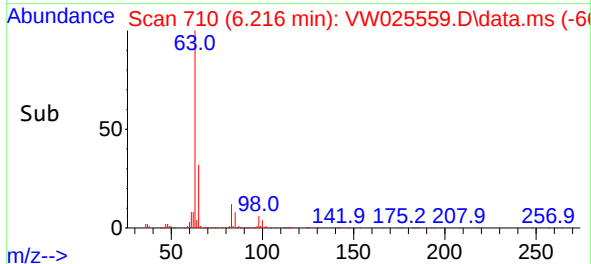
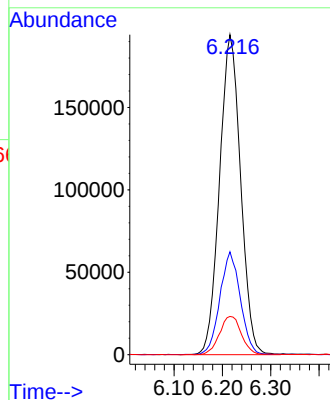
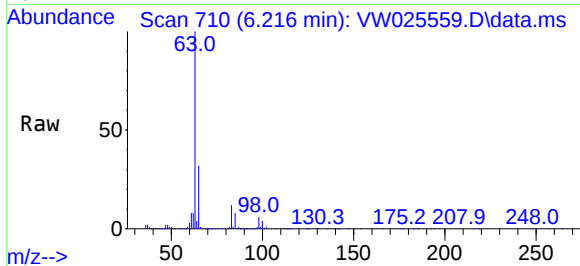




#19
1,1-Dichloroethane
Concen: 27.095 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

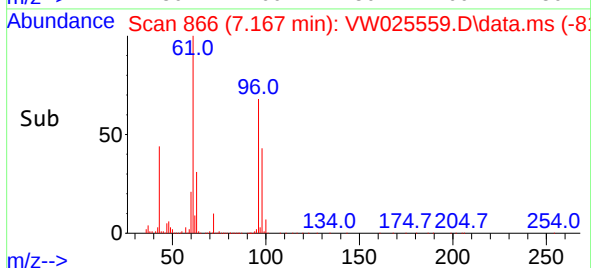
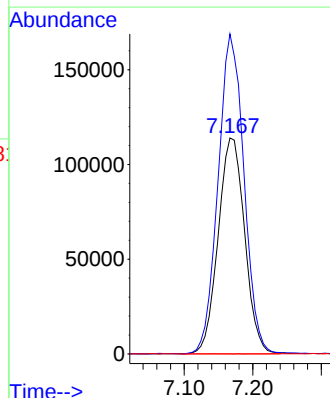
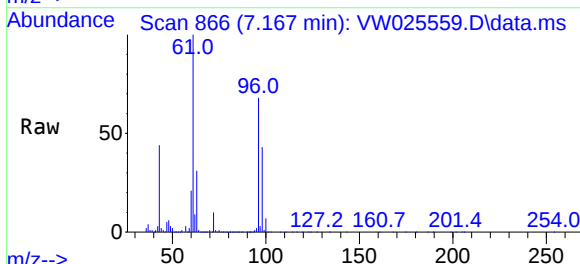
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

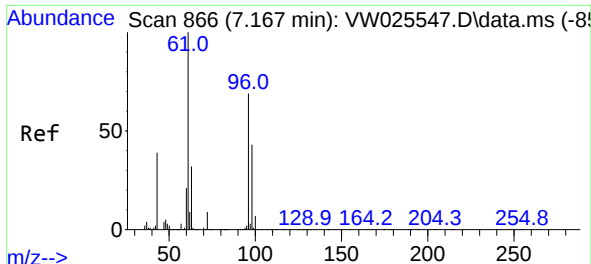
Tgt Ion: 63 Resp: 587297
Ion Ratio Lower Upper
63 100
65 32.2 21.9 40.7
83 11.9 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 27.107 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 96 Resp: 305975
Ion Ratio Lower Upper
96 100
61 148.1 102.6 190.6
68 0.0 0.1 0.1

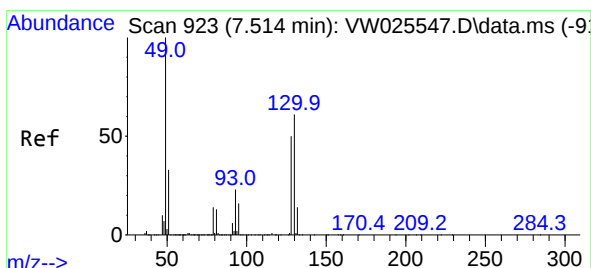
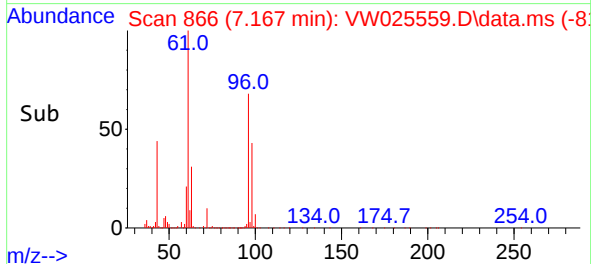
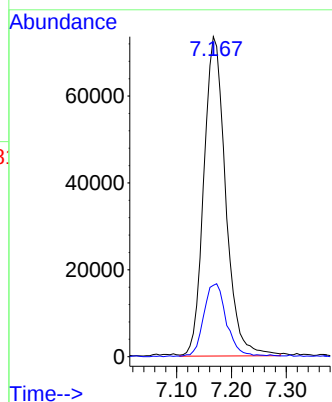
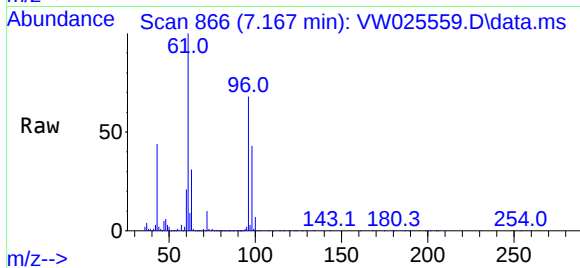




#22
2-Butanone
Concen: 63.369 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

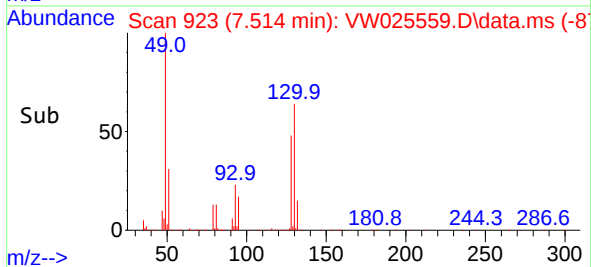
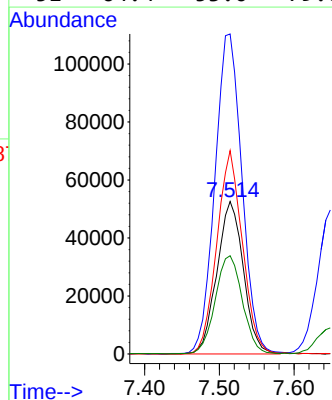
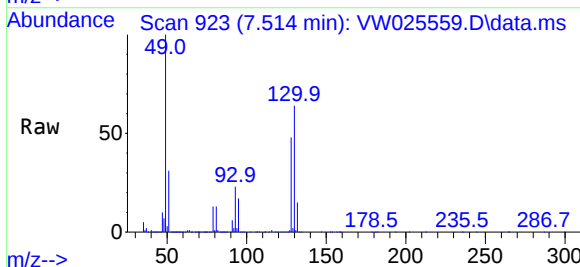
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

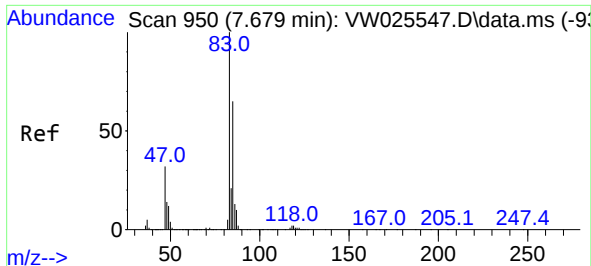
Tgt Ion: 43 Resp: 203503
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.0



#23
Bromochloromethane
Concen: 27.971 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 128 Resp: 129477
Ion Ratio Lower Upper
128 100
49 209.8 141.7 263.3
130 133.3 86.7 160.9
51 64.4 53.0 79.6

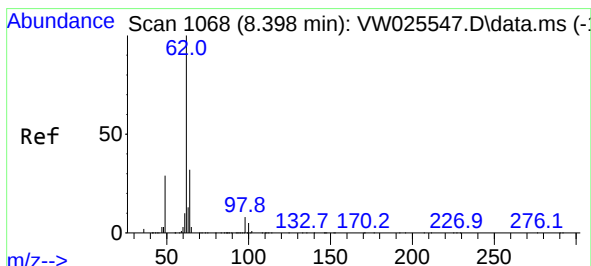
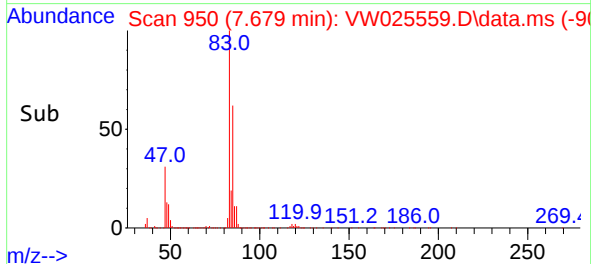
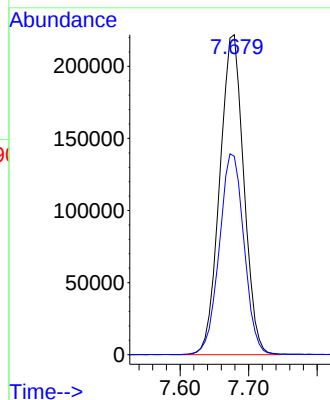
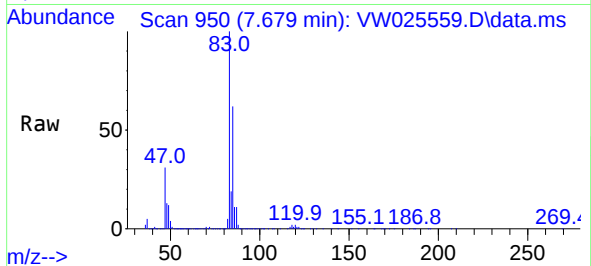




#25
Chloroform
Concen: 27.227 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

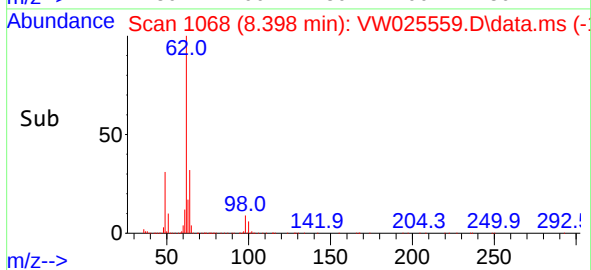
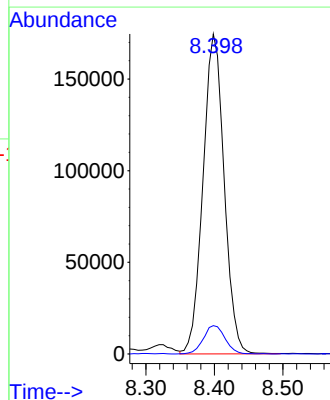
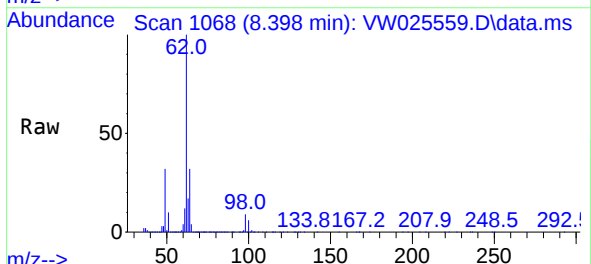
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

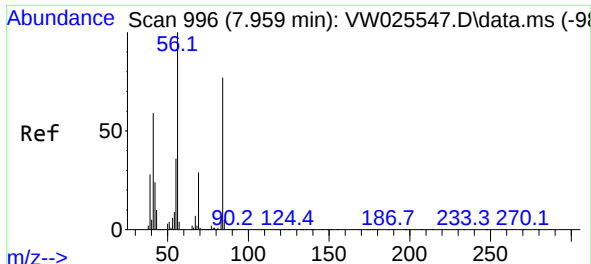
Tgt Ion: 83 Resp: 539682
Ion Ratio Lower Upper
83 100
85 62.0 45.8 85.2



#27
1,2-Dichloroethane
Concen: 28.227 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 62 Resp: 375451
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0

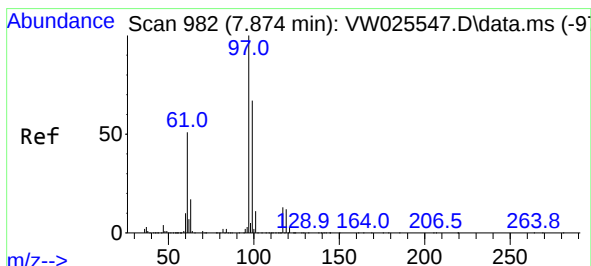
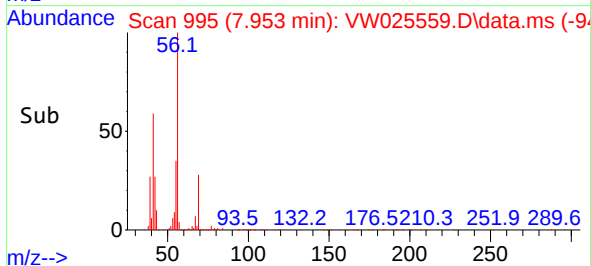
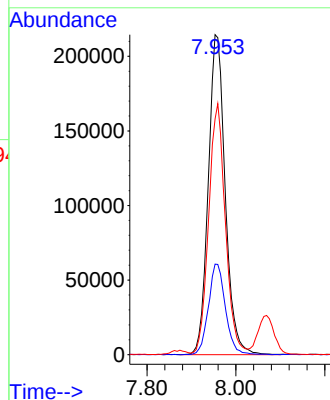
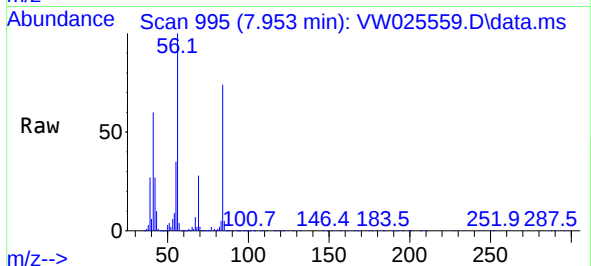




#29
Cyclohexane
Concen: 26.882 ug/L
RT: 7.953 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

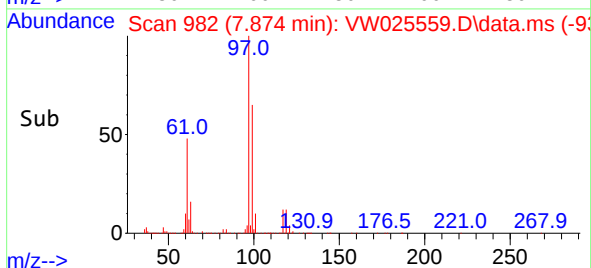
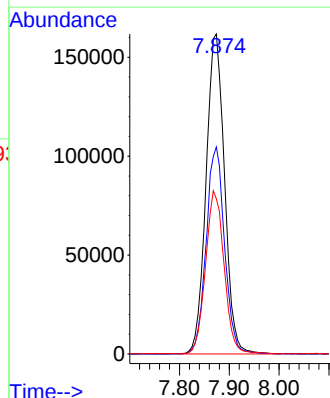
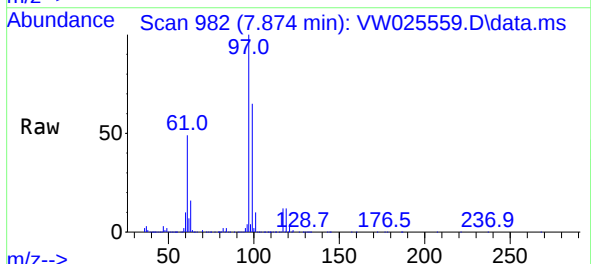
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

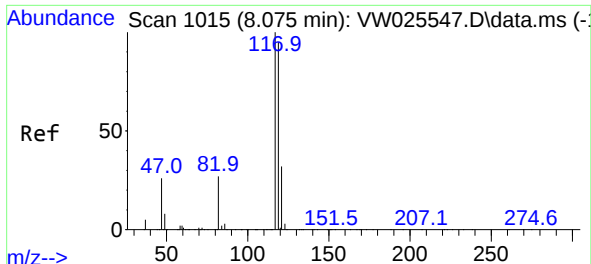
Tgt Ion: 56 Resp: 569425
Ion Ratio Lower Upper
56 100
69 28.2 22.7 34.1
84 77.3 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 25.641 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 97 Resp: 416961
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 50.4 40.5 60.7

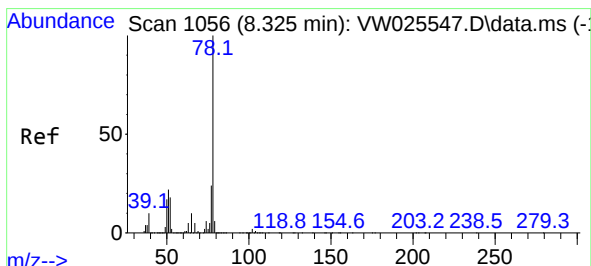
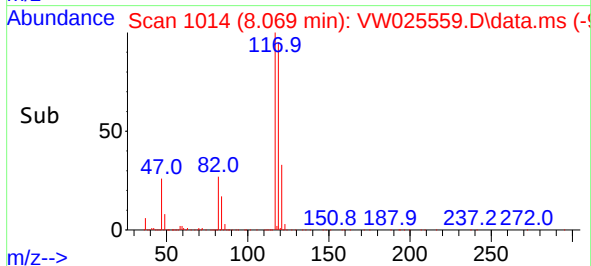
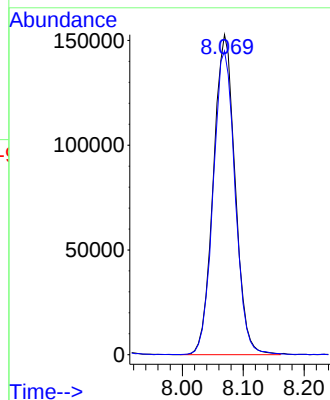
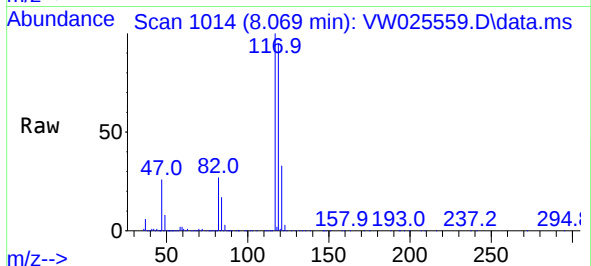




#31
Carbon tetrachloride
Concen: 25.854 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

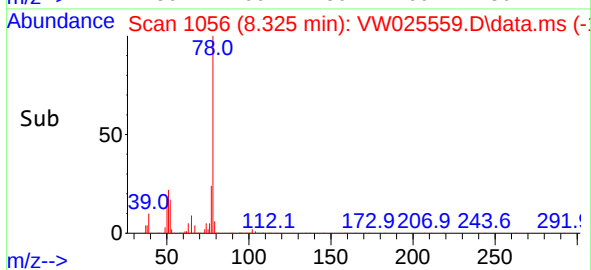
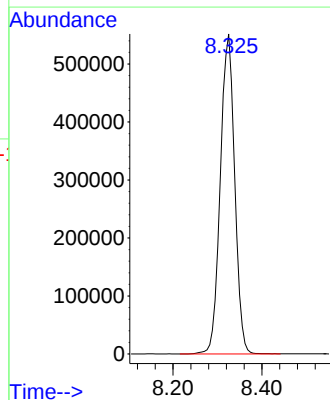
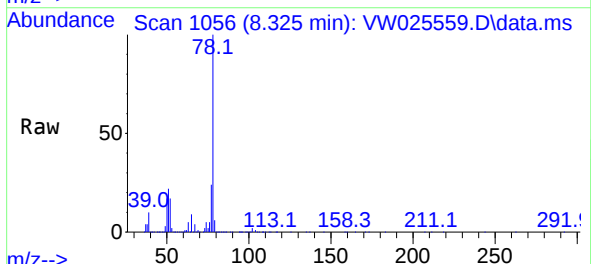
Instrument : MSVOA_W
ClientSampleId : VSTD025564

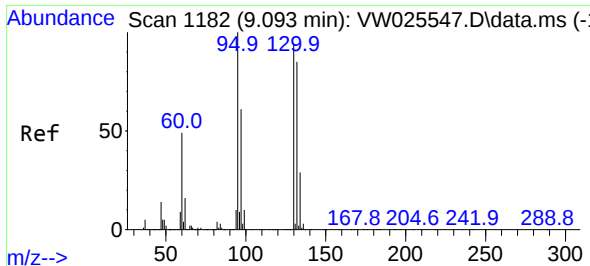
Tgt Ion:117 Resp: 379673
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 27.120 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 78 Resp: 1235388

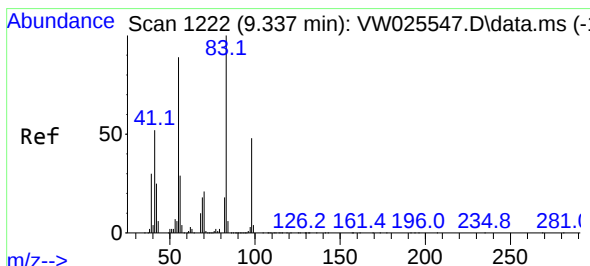
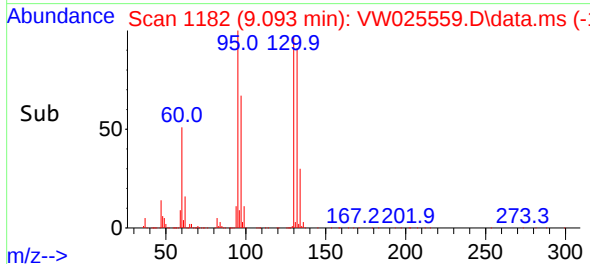
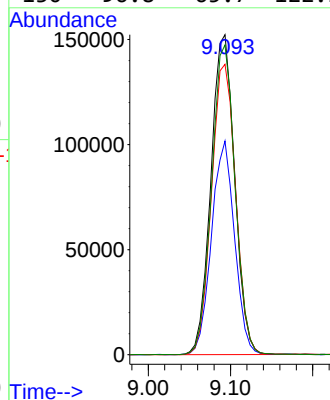
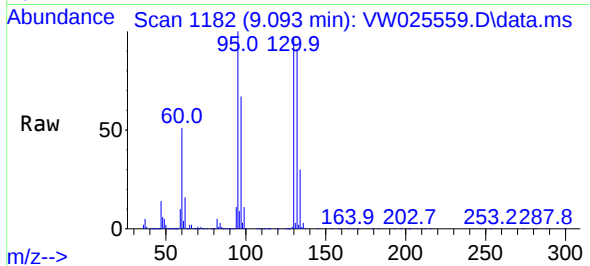




#34
Trichloroethene
Concen: 25.857 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

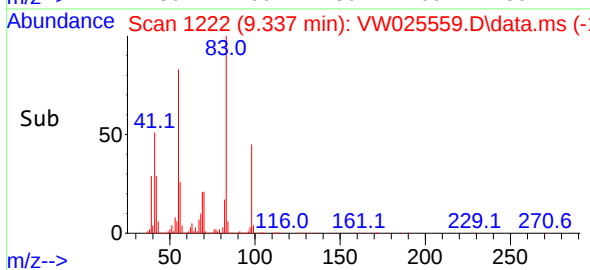
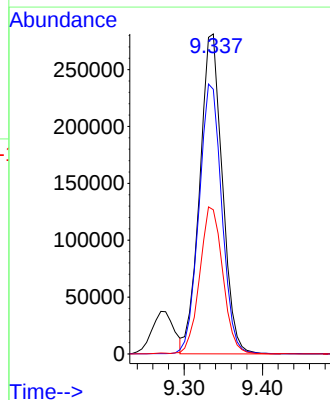
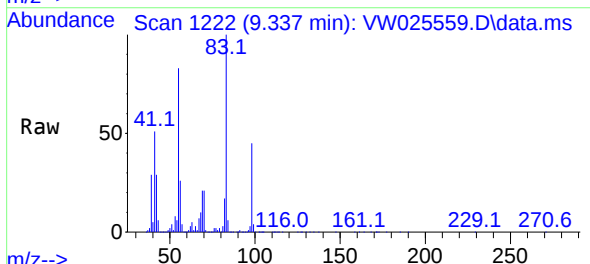
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

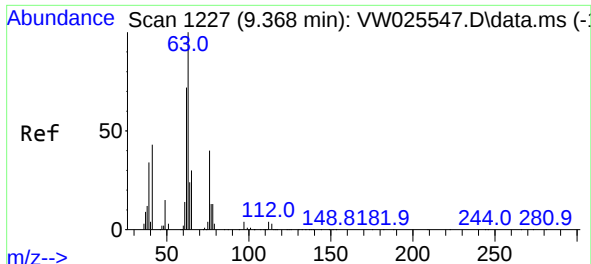
Tgt Ion: 95 Resp: 306375
Ion Ratio Lower Upper
95 100
97 66.7 42.5 78.9
132 90.8 59.8 111.1
130 96.8 65.7 122.1



#35
Methylcyclohexane
Concen: 26.392 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 83 Resp: 564670
Ion Ratio Lower Upper
83 100
55 85.2 68.7 103.1
98 46.7 37.7 56.5

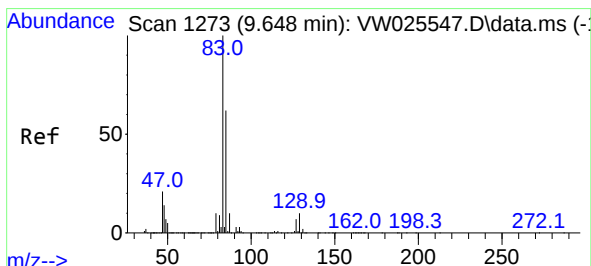
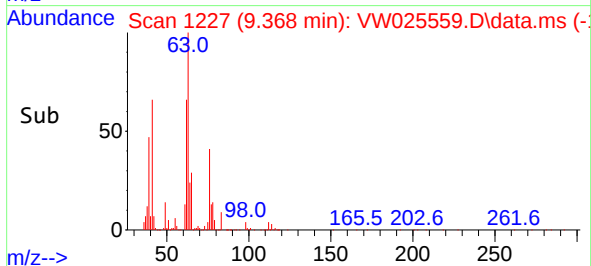
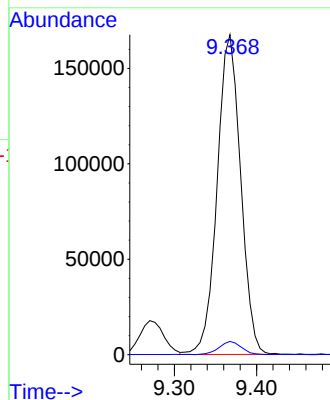
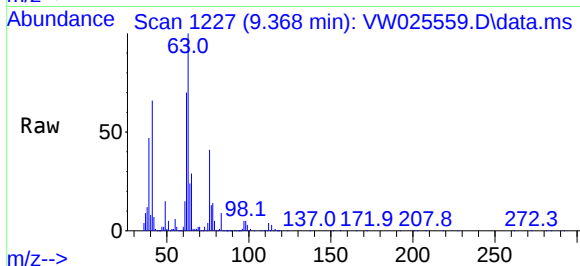




#37
1,2-Dichloropropane
Concen: 27.667 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

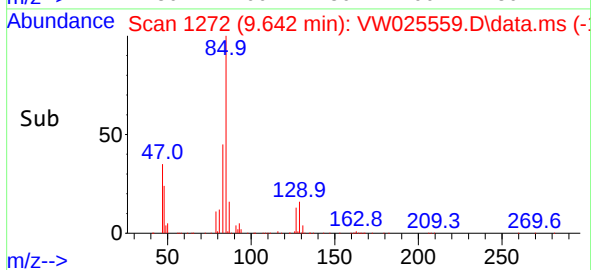
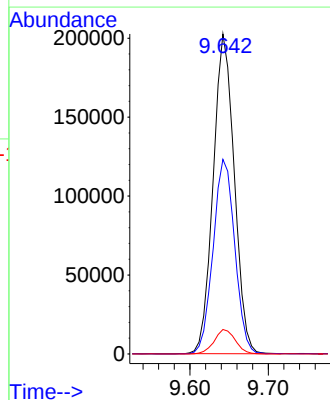
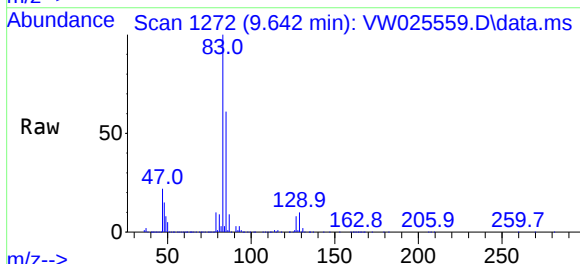
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

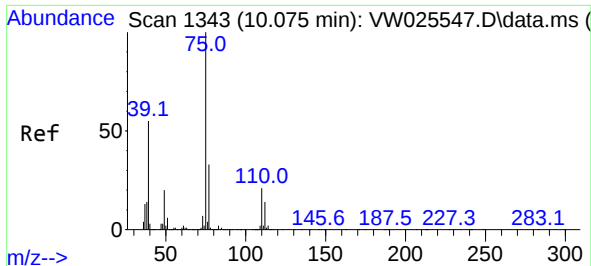
Tgt Ion: 63 Resp: 332849
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.0



#38
Bromodichloromethane
Concen: 27.550 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 83 Resp: 379220
Ion Ratio Lower Upper
83 100
85 60.8 43.5 80.7
127 7.7 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 27.868 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025559.D

Acq: 03 Apr 2023 16:39

Instrument :

MSVOA_W

ClientSampleId :

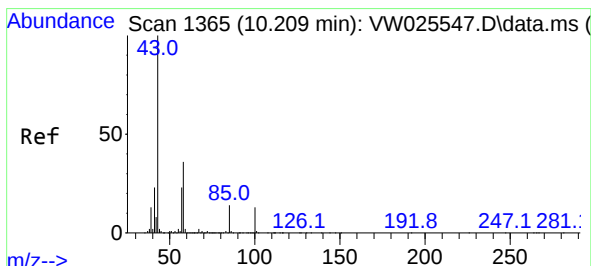
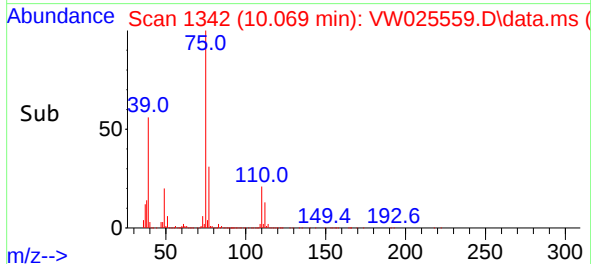
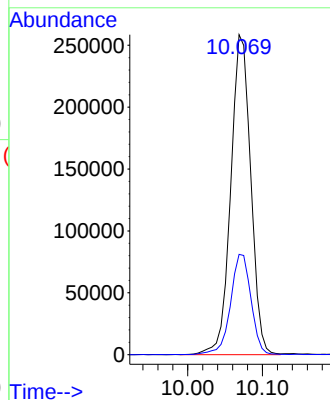
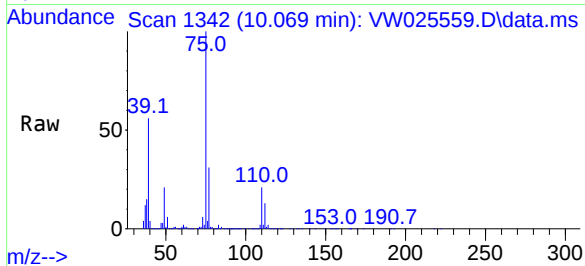
VSTD025564

Tgt Ion: 75 Resp: 480908

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 63.913 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025559.D

Acq: 03 Apr 2023 16:39

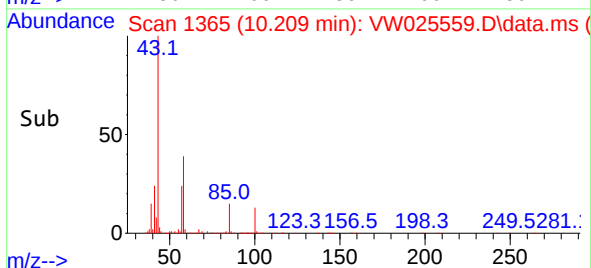
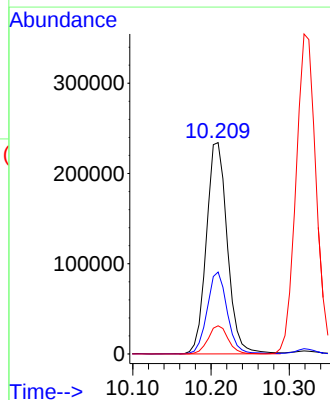
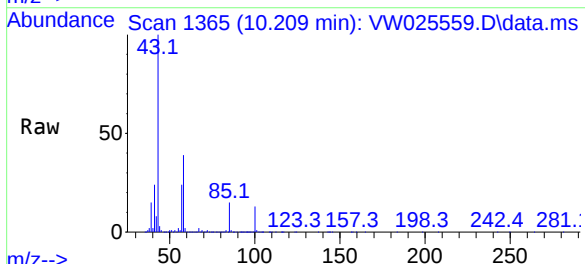
Tgt Ion: 43 Resp: 435214

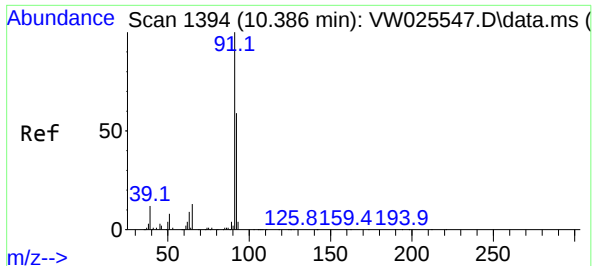
Ion Ratio Lower Upper

43 100

58 37.2 29.2 43.8

100 12.6 10.2 15.4

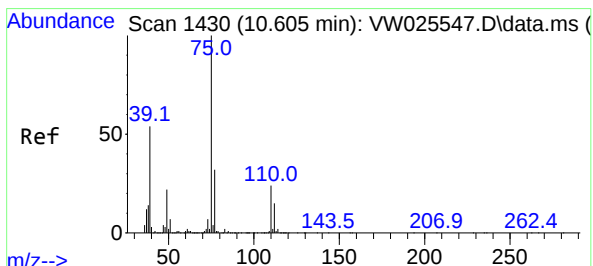
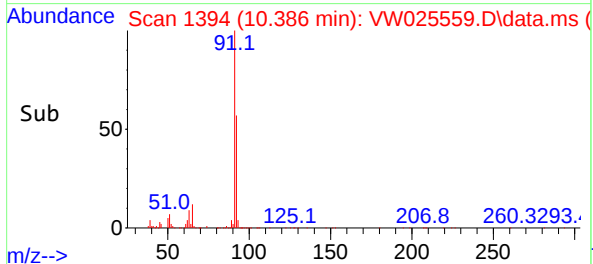
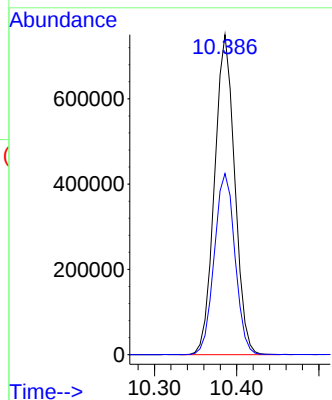
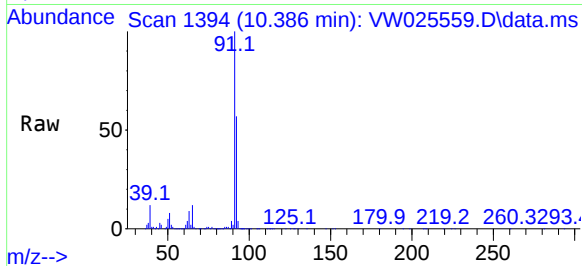




#42
Toluene
Concen: 27.569 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

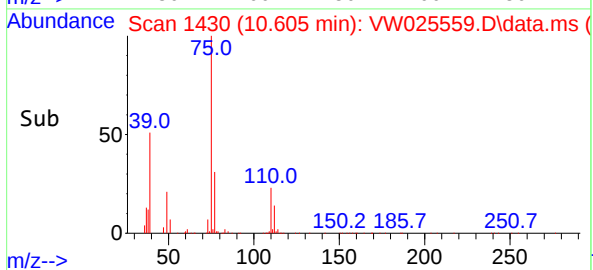
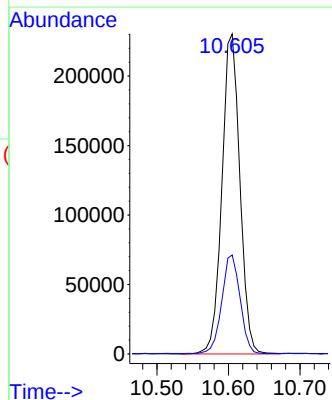
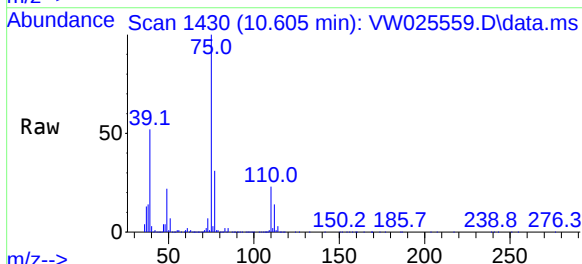
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

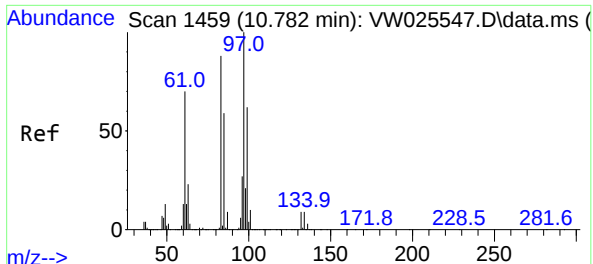
Tgt Ion: 91 Resp: 1278771
Ion Ratio Lower Upper
91 100
92 56.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 28.199 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 75 Resp: 401270
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.9



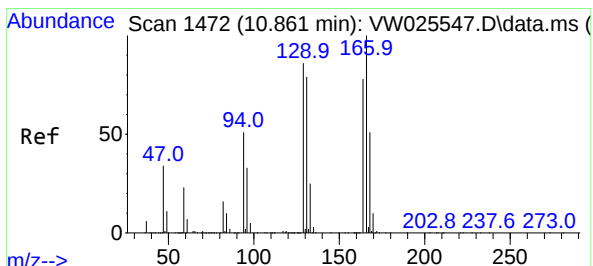
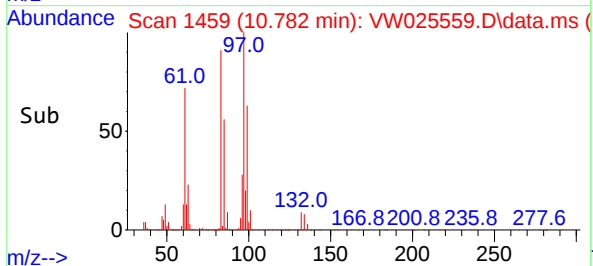
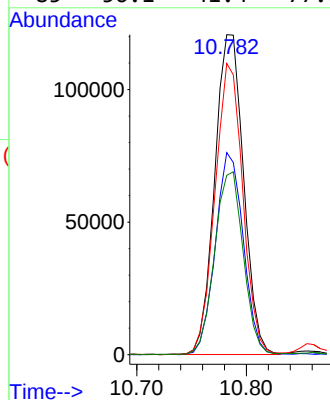
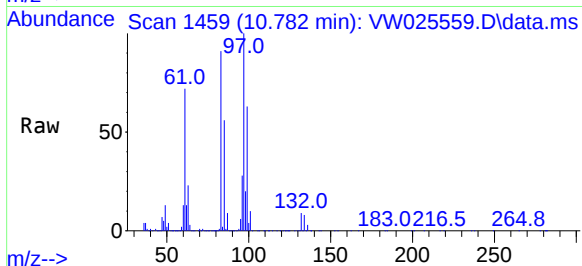


#45
1,1,2-Trichloroethane
Concen: 28.764 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Tgt Ion: 97 Resp: 220643

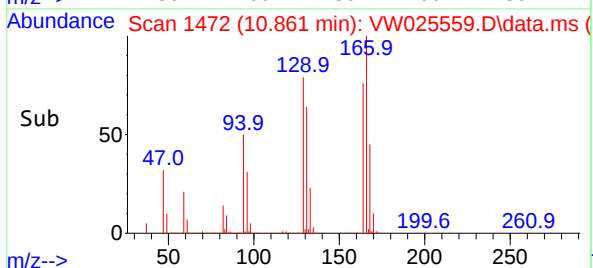
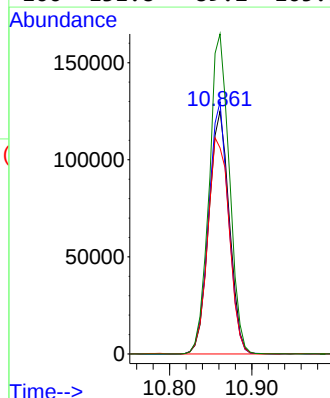
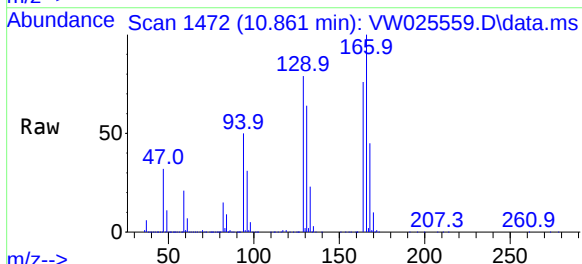
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	91.0	61.8	114.8
85	56.1	41.4	77.0

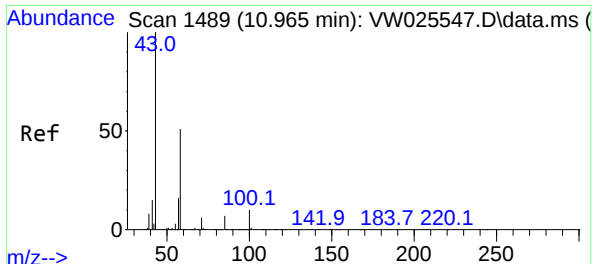


#46
Tetrachloroethene
Concen: 25.952 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 164 Resp: 216266

Ion	Ratio	Lower	Upper
164	100		
129	103.9	76.9	142.9
131	84.9	70.5	130.9
166	131.8	89.2	165.8



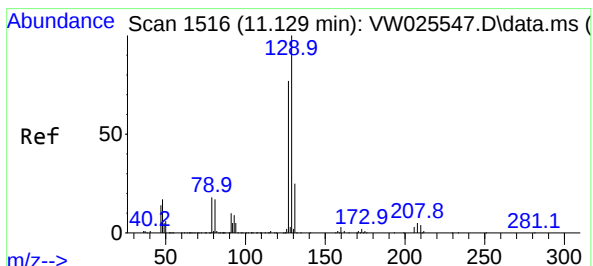
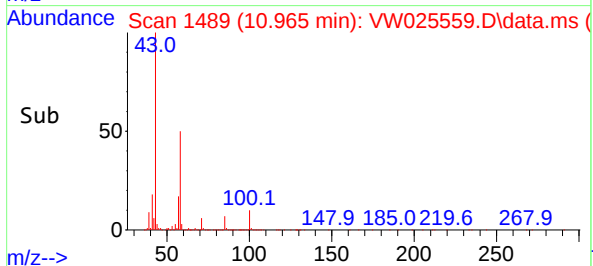
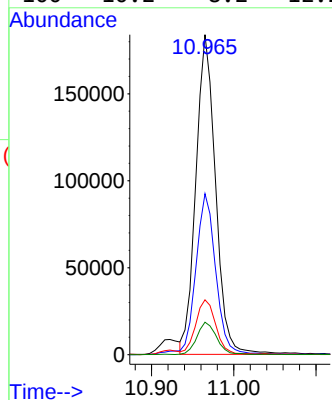
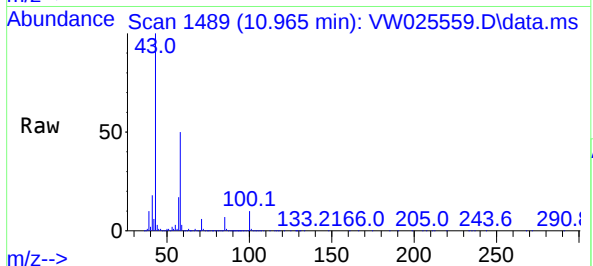


#48
2-Hexanone
Concen: 65.046 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Tgt Ion: 43 Resp: 306034

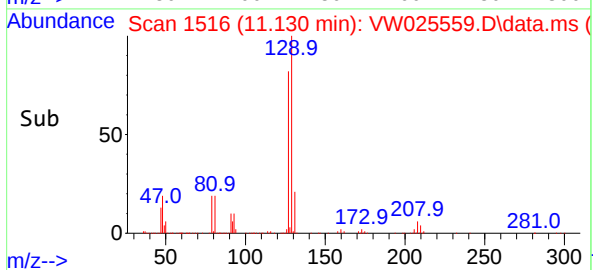
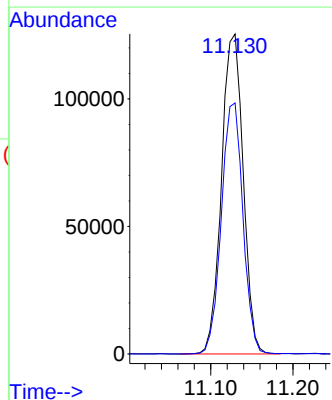
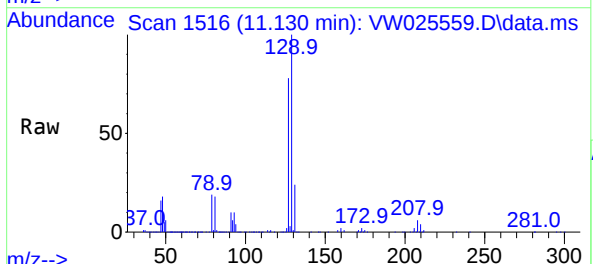
Ion	Ratio	Lower	Upper
43	100		
58	49.9	38.6	57.8
57	17.6	13.9	20.9
100	10.2	8.2	12.2

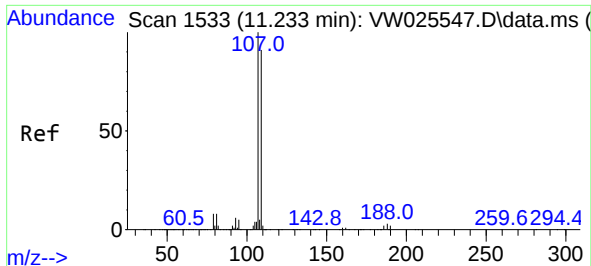


#49
Dibromochloromethane
Concen: 28.453 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 129 Resp: 229799

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.0	100.2

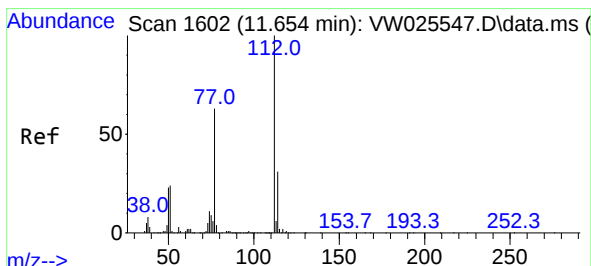
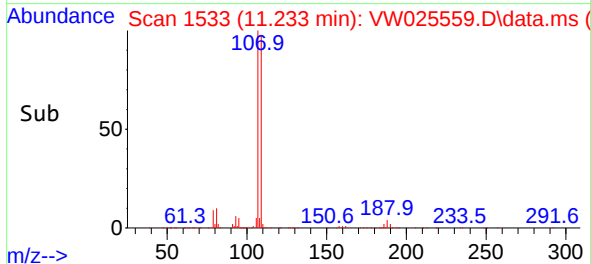
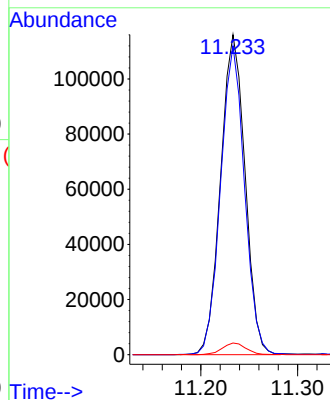
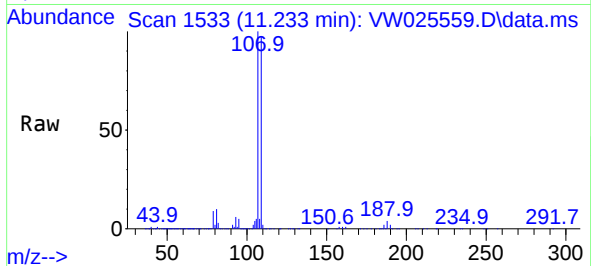




#50
1,2-Dibromoethane
Concen: 28.900 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

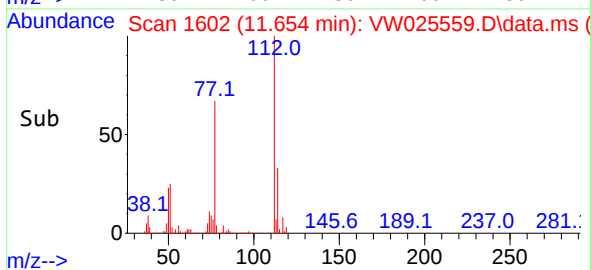
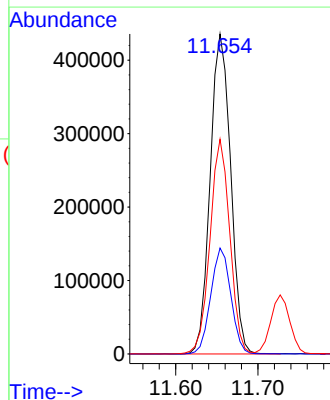
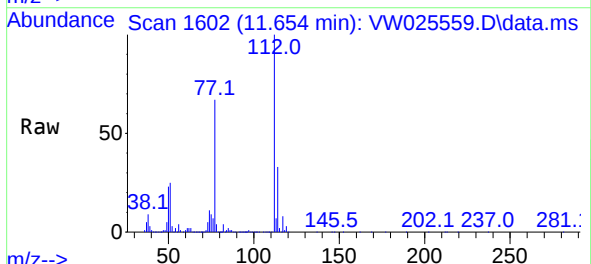
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

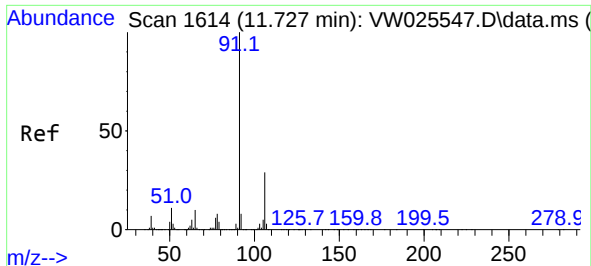
Tgt Ion:107 Resp: 203687
Ion Ratio Lower Upper
107 100
109 96.6 64.1 119.1
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 26.336 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion:112 Resp: 752754
Ion Ratio Lower Upper
112 100
114 33.1 21.6 40.2
77 67.1 50.2 75.2

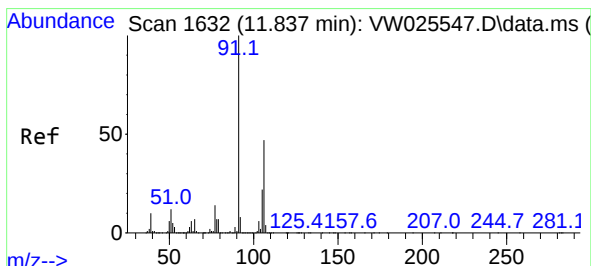
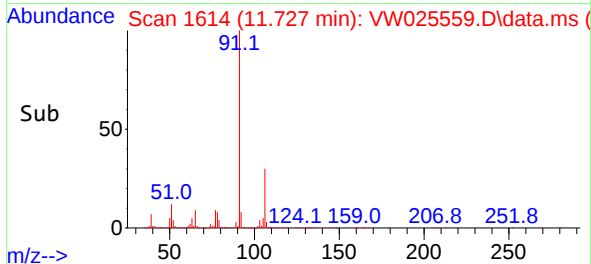
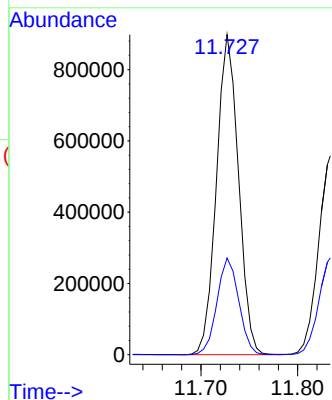
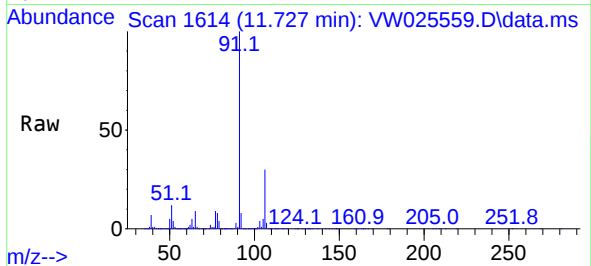




#52
Ethylbenzene
Concen: 27.041 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

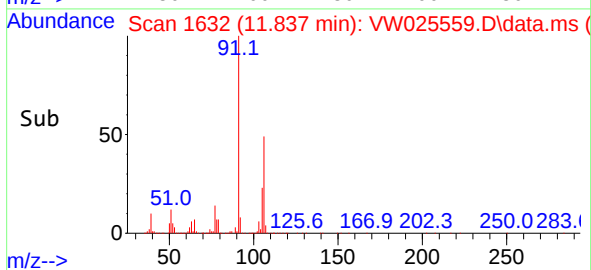
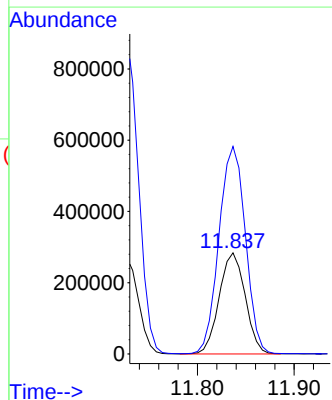
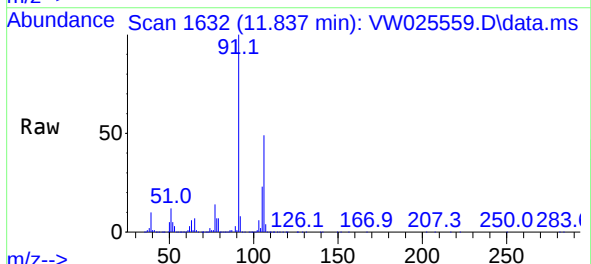
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

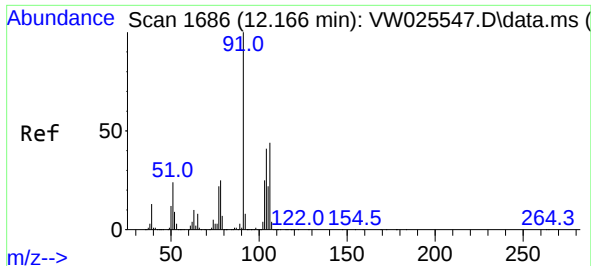
Tgt Ion: 91 Resp: 1419396
Ion Ratio Lower Upper
91 100
106 30.2 20.3 37.7



#53
m,p-Xylene
Concen: 27.483 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion:106 Resp: 529028
Ion Ratio Lower Upper
106 100
91 205.2 148.0 274.8

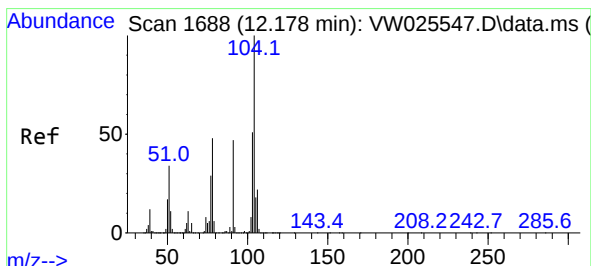
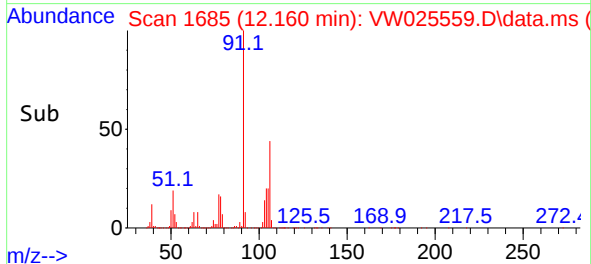
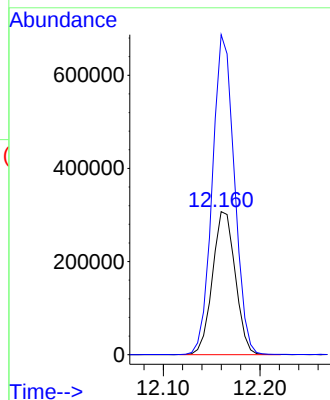
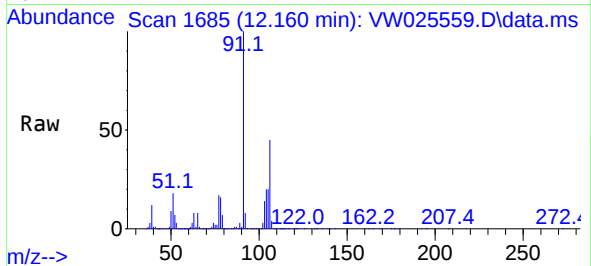




#54
o-Xylene
Concen: 27.882 ug/L
RT: 12.160 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

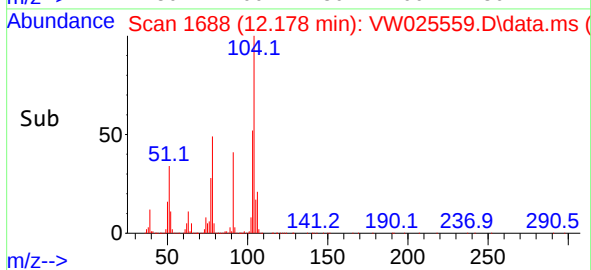
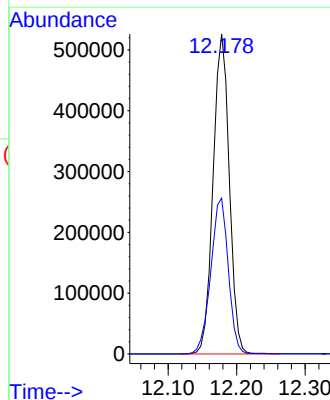
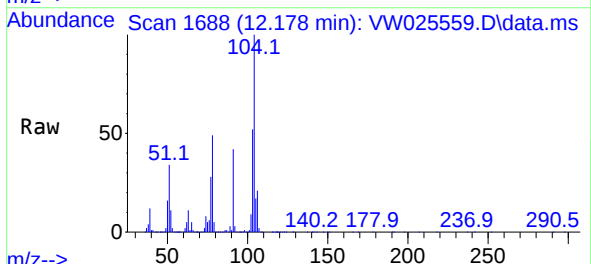
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

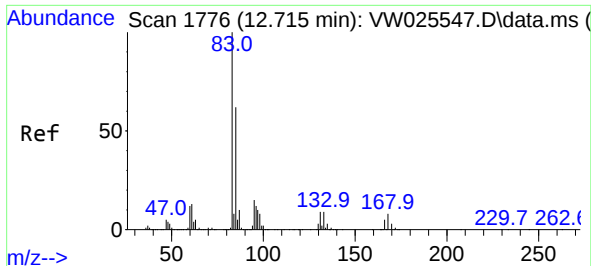
Tgt Ion:106 Resp: 502094
Ion Ratio Lower Upper
106 100
91 223.8 158.2 293.8



#55
Styrene
Concen: 28.501 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion:104 Resp: 863880
Ion Ratio Lower Upper
104 100
78 48.7 33.3 61.9

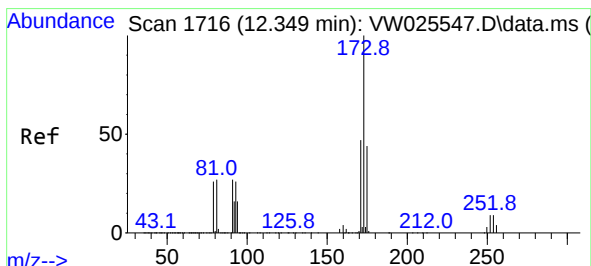
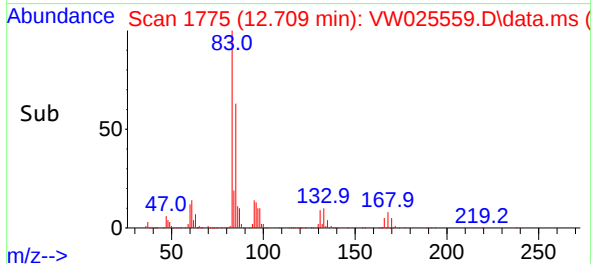
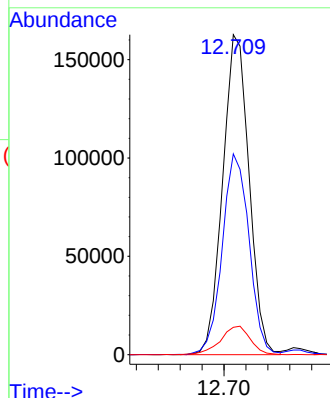
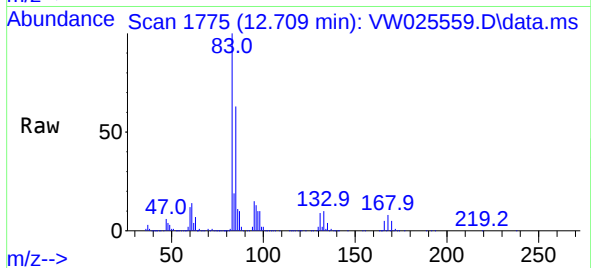




#57
1,1,2,2-Tetrachloroethane
Concen: 29.642 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

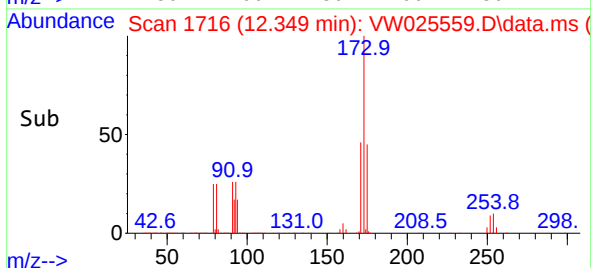
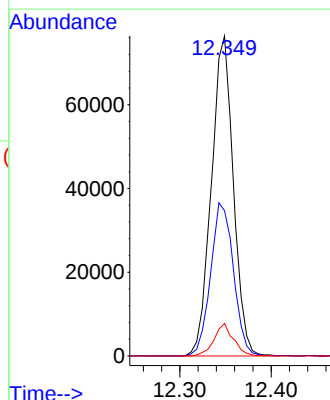
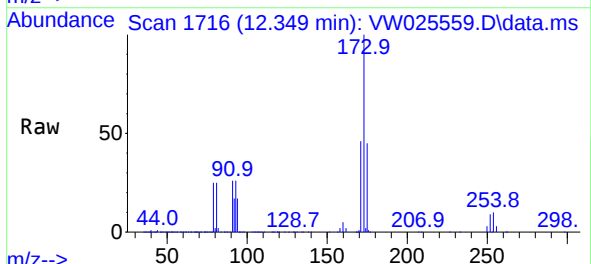
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

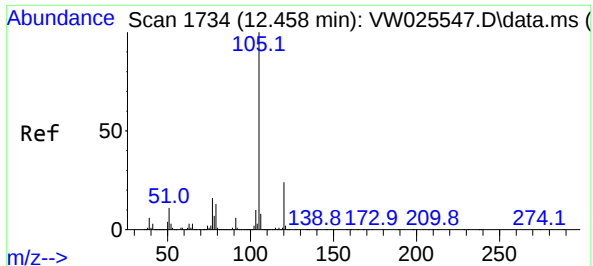
Tgt Ion: 83 Resp: 272354
Ion Ratio Lower Upper
83 100
85 62.8 43.5 80.7
131 8.5 7.0 10.4



#59
Bromoform
Concen: 29.230 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 173 Resp: 127798
Ion Ratio Lower Upper
173 100
175 49.7 36.1 54.1
254 8.9 7.0 10.6

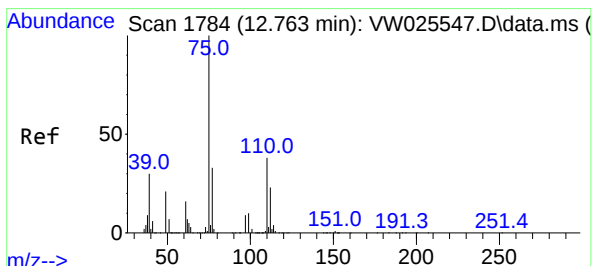
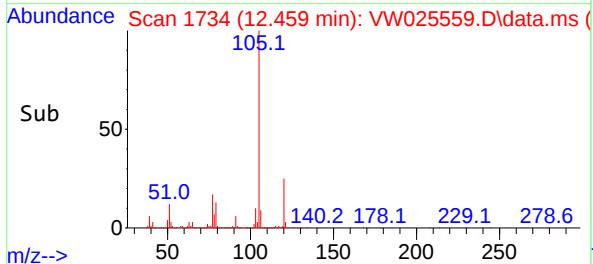
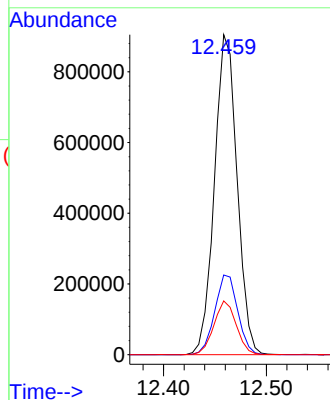
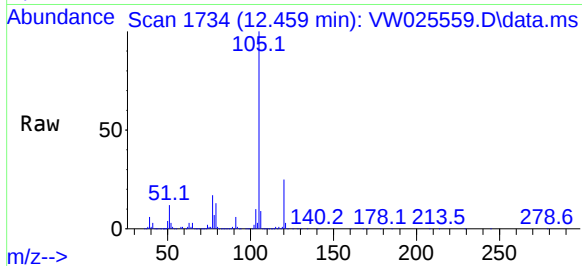




#60
Isopropylbenzene
Concen: 27.675 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

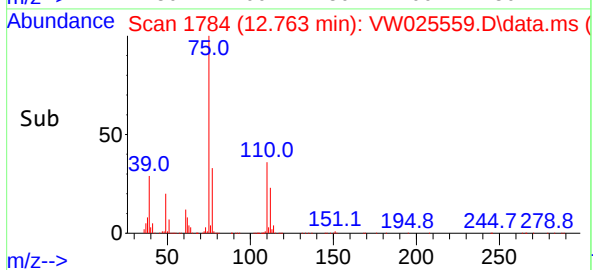
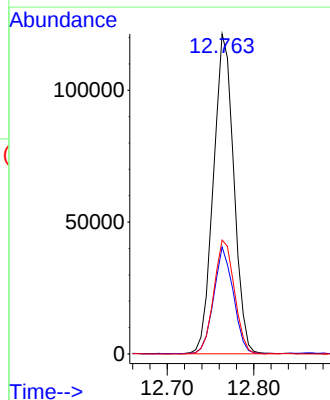
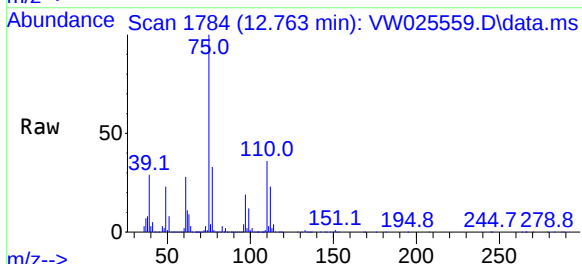
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

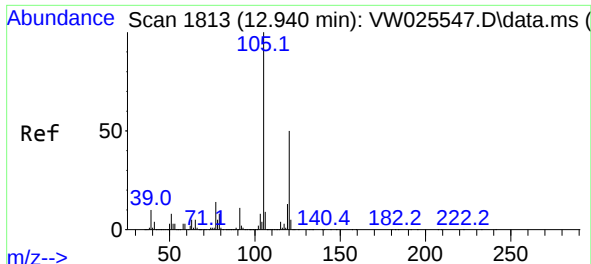
Tgt Ion:105 Resp: 1383232
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 30.012 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 75 Resp: 198461
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
110 36.0 29.0 43.6

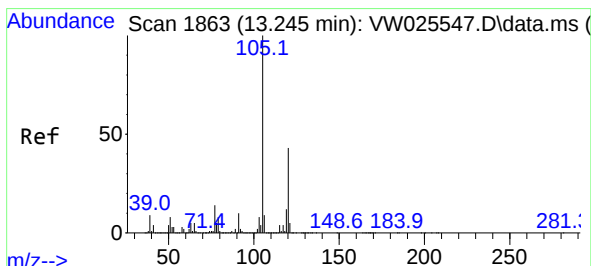
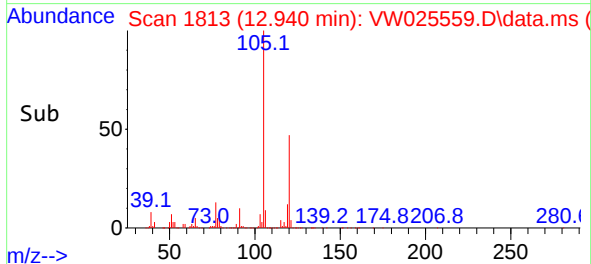
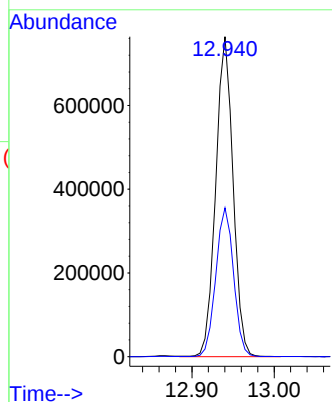
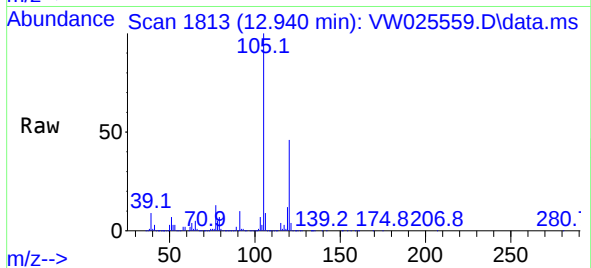




#62
1,3,5-Trimethylbenzene
Concen: 28.362 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

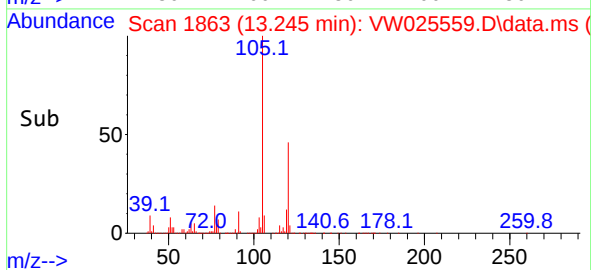
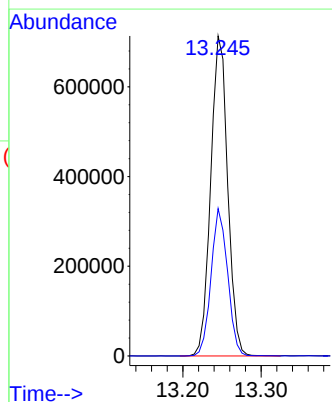
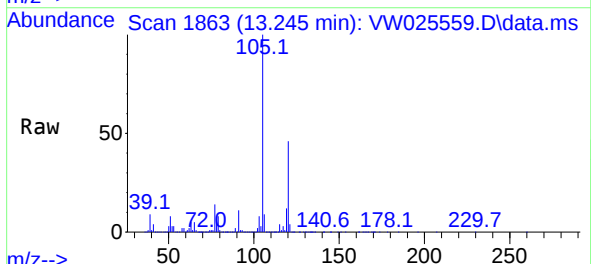
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

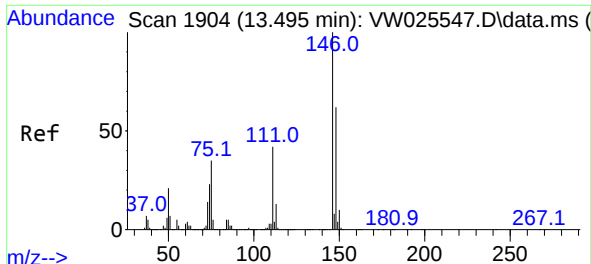
Tgt Ion:105 Resp: 1119028
Ion Ratio Lower Upper
105 100
120 47.7 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 28.269 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion:105 Resp: 1073962
Ion Ratio Lower Upper
105 100
120 44.7 34.8 52.2

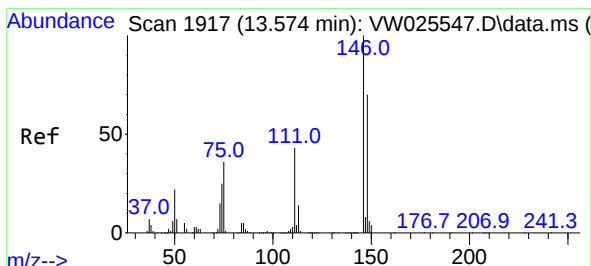
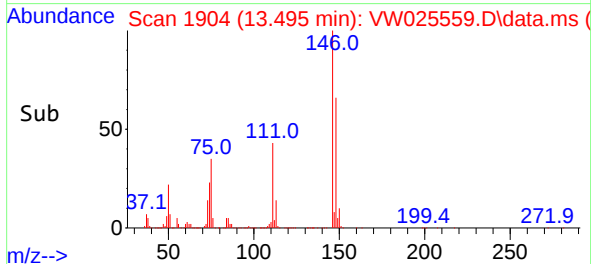
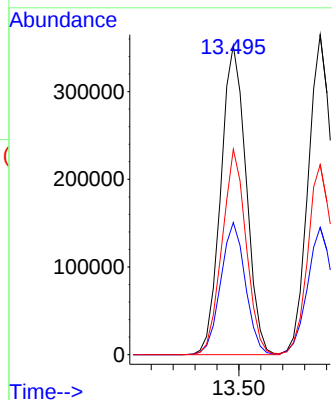
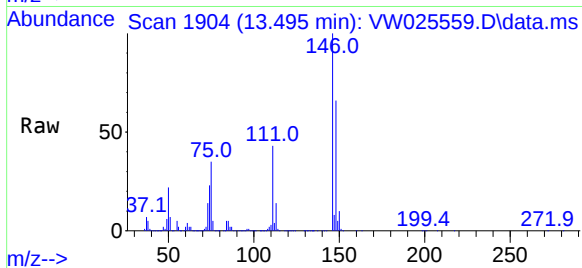




#64
1,3-Dichlorobenzene
Concen: 27.305 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

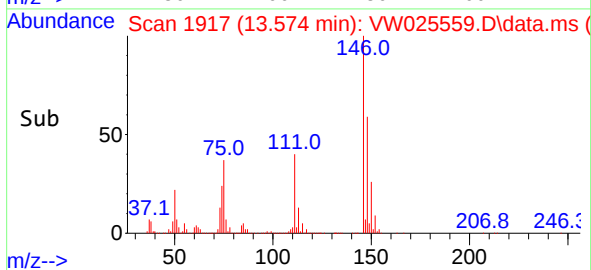
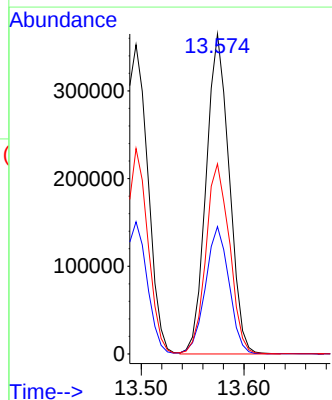
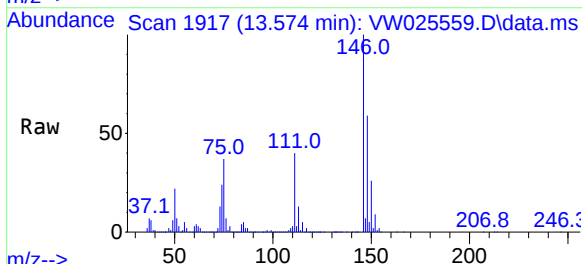
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

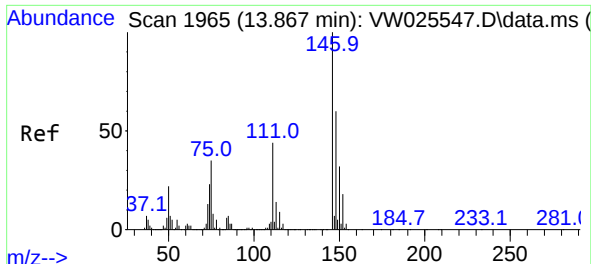
Tgt Ion:146 Resp: 565550
Ion Ratio Lower Upper
146 100
111 42.8 29.7 55.1
148 66.5 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 26.912 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion:146 Resp: 569256
Ion Ratio Lower Upper
146 100
111 39.8 30.4 56.5
148 59.4 48.6 90.3

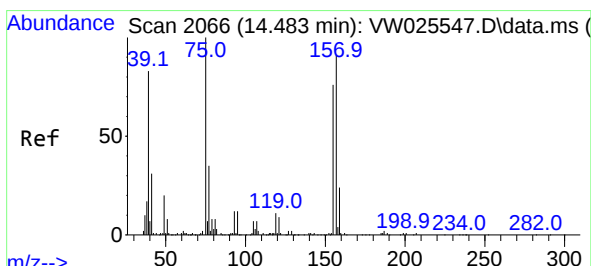
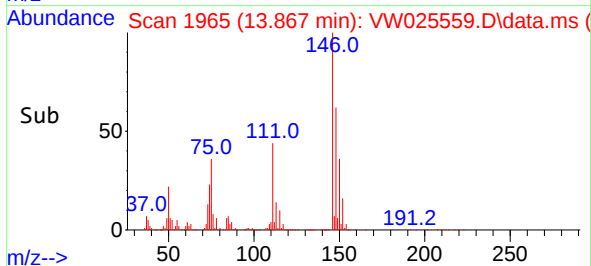
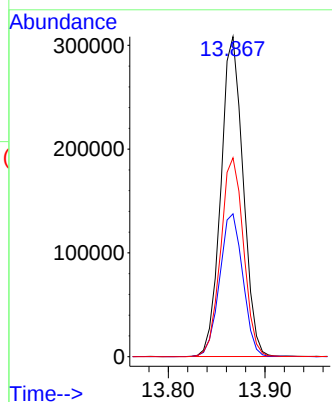
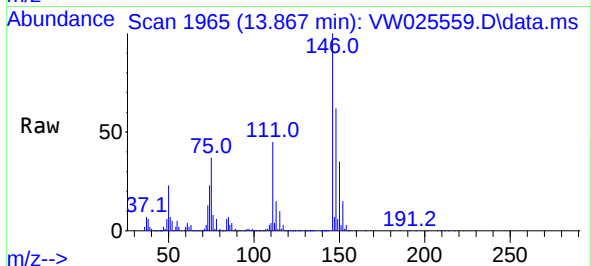




#67
1,2-Dichlorobenzene
Concen: 27.092 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

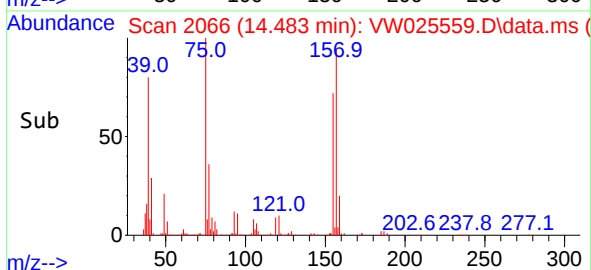
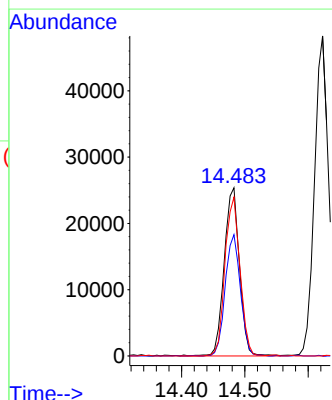
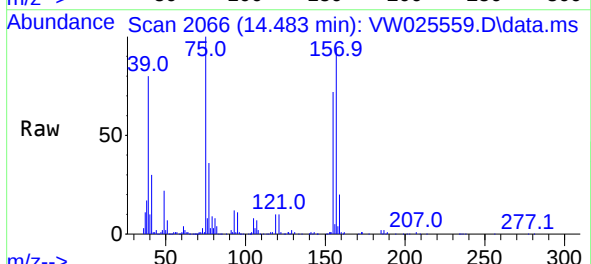
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

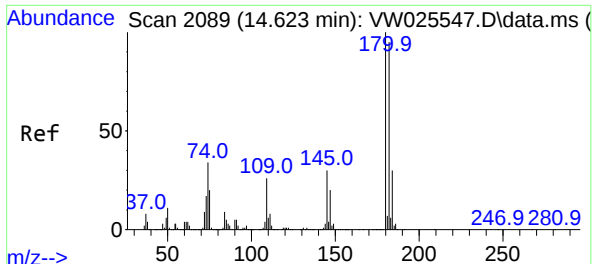
Tgt Ion:146 Resp: 491940
Ion Ratio Lower Upper
146 100
111 44.7 35.3 52.9
148 62.2 47.9 71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 29.391 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion: 75 Resp: 42636
Ion Ratio Lower Upper
75 100
155 72.0 61.1 91.7
157 94.4 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 25.644 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025559.D

Acq: 03 Apr 2023 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

Tgt Ion:180 Resp: 355616

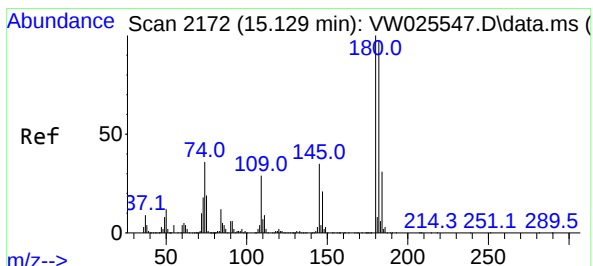
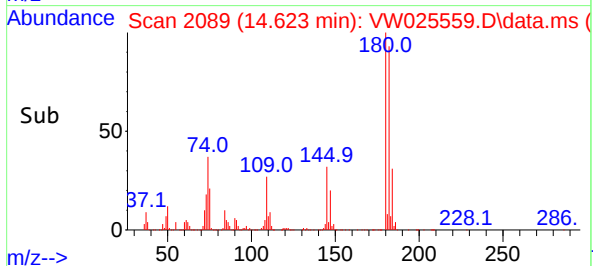
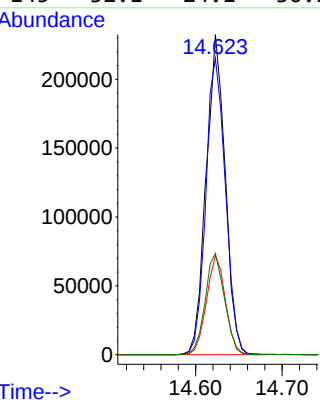
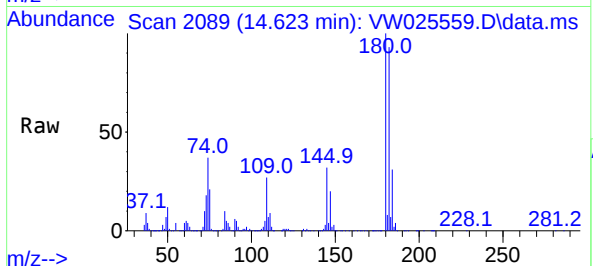
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

184 30.8 24.1 36.1

145 32.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 26.933 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025559.D

Acq: 03 Apr 2023 16:39

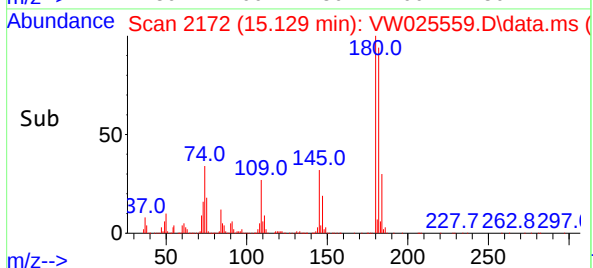
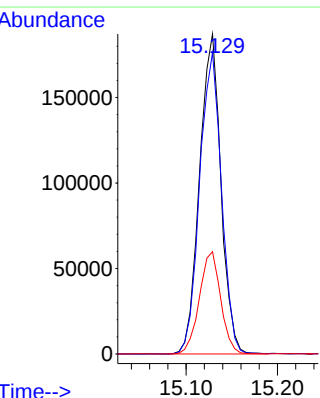
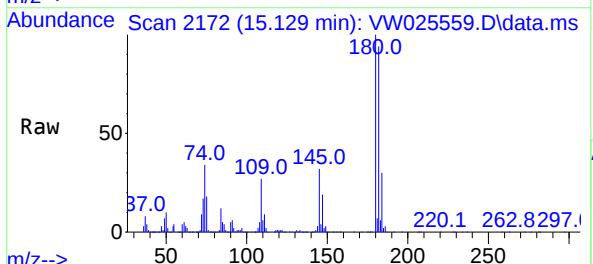
Tgt Ion:180 Resp: 303399

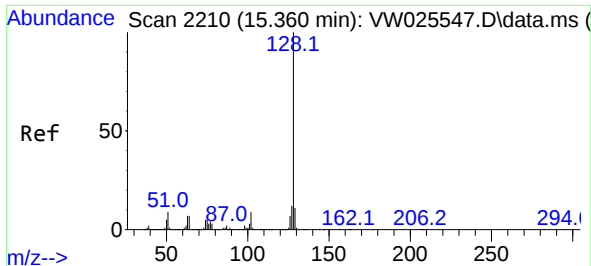
Ion Ratio Lower Upper

180 100

182 96.2 79.5 119.3

145 32.0 27.4 41.0

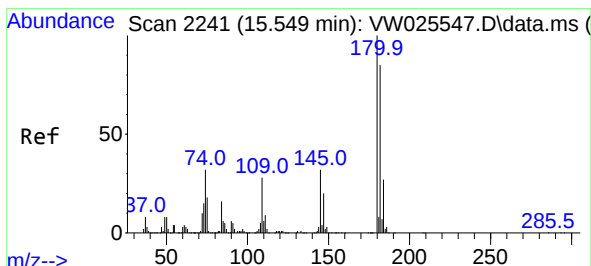
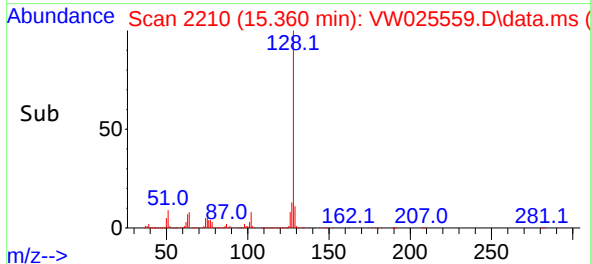
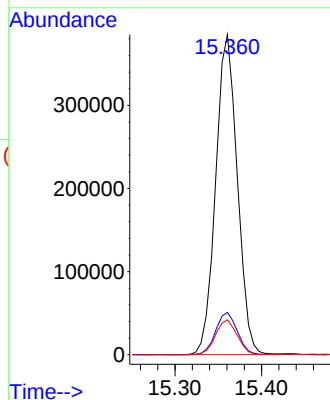
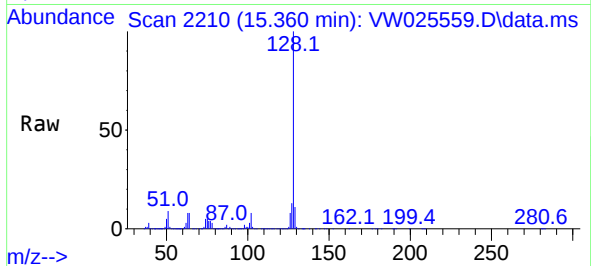




#71
Naphthalene
Concen: 31.797 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Tgt Ion:128 Resp: 668354
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 27.980 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025559.D
Acq: 03 Apr 2023 16:39

Tgt Ion:180 Resp: 275578
Ion Ratio Lower Upper
180 100
182 97.8 72.9 109.3
145 34.2 27.0 40.6

