

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040924\
 Data File : VW028372.D
 Acq On : 09 Apr 2024 18:39
 Operator : SY/MD
 Sample : P2037-04MSD
 Misc : 3.47g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MSD

Quant Time: Apr 10 01:20:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	451192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	397511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	180993	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	170692	23.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.400%
7) Chloroethane-d5	2.899	69	134010	24.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	4.021	65	70289	22.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.800%
21) 2-Butanone-d5	7.075	46	57773	42.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.360%
24) Chloroform-d	7.648	84	289467	24.586	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	8.301	65	143037	23.378	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.520%
32) Benzene-d6	8.276	84	565825	26.056	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.240%
36) 1,2-Dichloropropane-d6	9.270	67	164799	25.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.120%
41) Toluene-d8	10.319	98	507393	25.695	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	10.575	79	62045	24.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.680%
47) 2-Hexanone-d5	10.922	63	39062	43.687	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104704	22.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	149241	26.073	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	122440	20.177	ug/L	94
3) Chloromethane	2.222	50	161866	22.719	ug/L	99
5) Vinyl chloride	2.375	62	181605	21.403	ug/L	98
6) Bromomethane	2.796	94	109309	20.619	ug/L	99
8) Chloroethane	2.936	64	109179	21.345	ug/L	100
9) Trichlorofluoromethane	3.271	101	153509	22.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	133689	20.994	ug/L	98
12) 1,1-Dichloroethene	4.045	96	124366	20.799	ug/L	100
13) Acetone	4.118	43	70984	42.711	ug/L	96
14) Carbon disulfide	4.393	76	397626	20.199	ug/L	100
15) Methyl Acetate	4.673	43	42206	15.783	ug/L	100
16) Methylene chloride	4.917	84	137137	20.087	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	128182	20.351	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	175810	19.843	ug/L	99
19) 1,1-Dichloroethane	6.222	63	262570	21.396	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	142550	21.324	ug/L	96
22) 2-Butanone	7.167	43	76221	37.791	ug/L	99
23) Bromochloromethane	7.508	128	56884	19.756	ug/L	94
25) Chloroform	7.679	83	257898	21.394	ug/L	95

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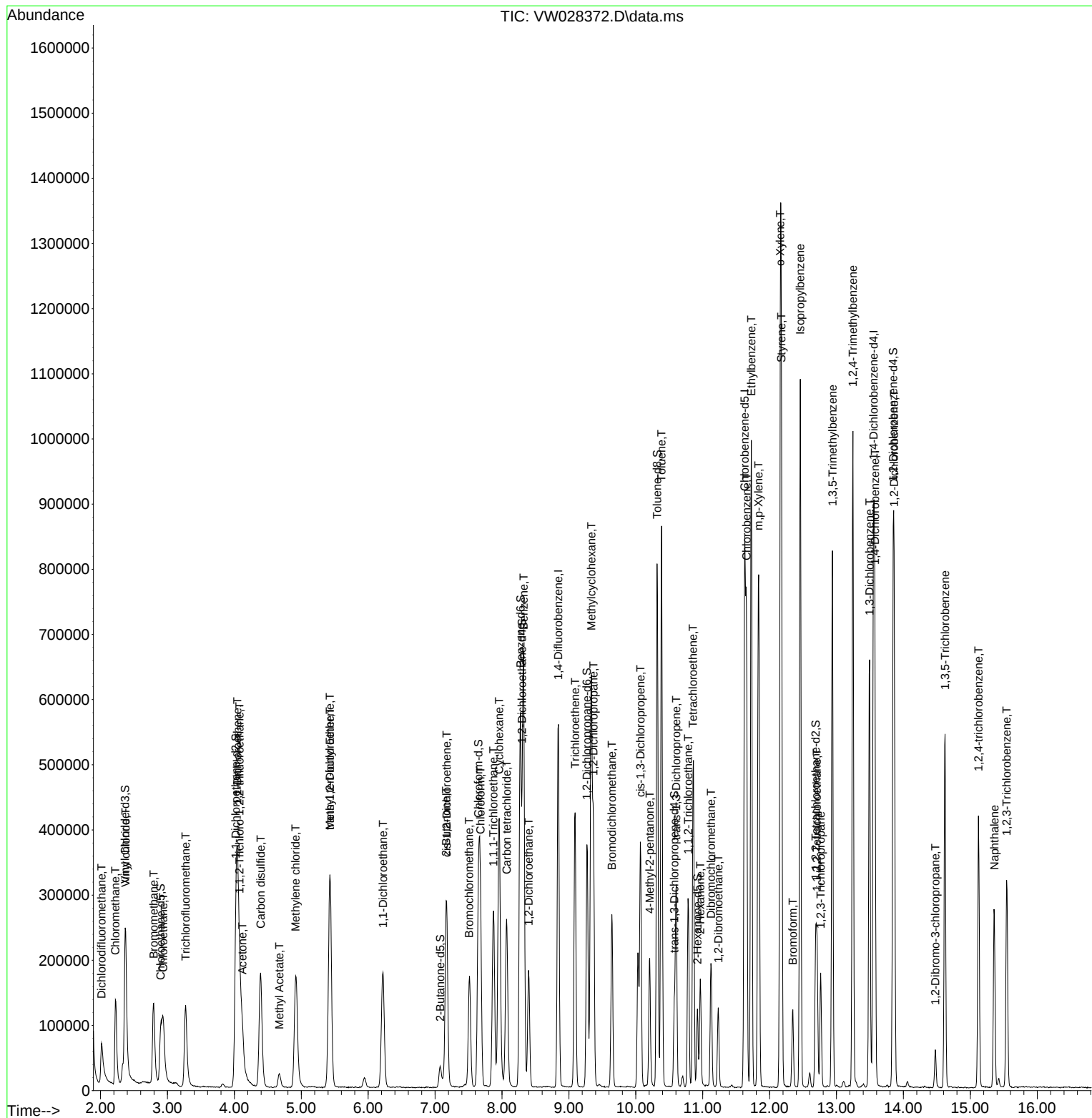
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	161886	19.457	ug/L	100
29) Cyclohexane	7.959	56	244080	23.246	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	218649	22.680	ug/L	100
31) Carbon tetrachloride	8.069	117	193628	22.649	ug/L	99
33) Benzene	8.325	78	550945	22.168	ug/L	100
34) Trichloroethene	9.093	95	147819	21.947	ug/L	97
35) Methylcyclohexane	9.337	83	248054	21.582	ug/L	99
37) 1,2-Dichloropropane	9.367	63	141453	21.837	ug/L	99
38) Bromodichloromethane	9.642	83	173617	21.623	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	207346	21.828	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	132071	40.728	ug/L	99
42) Toluene	10.386	91	588819	22.363	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	158460	20.620	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88572	20.210	ug/L	96
46) Tetrachloroethene	10.855	164	105379	20.946	ug/L	89
48) 2-Hexanone	10.965	43	105830	41.115	ug/L	95
49) Dibromochloromethane	11.123	129	96037	20.503	ug/L	98
50) 1,2-Dibromoethane	11.233	107	77908	19.477	ug/L	90
51) Chlorobenzene	11.654	112	350549	21.419	ug/L	97
52) Ethylbenzene	11.727	91	667156	22.353	ug/L	99
53) m,p-Xylene	11.837	106	243880	21.972	ug/L	98
54) o-Xylene	12.160	106	232140	22.462	ug/L	94
55) Styrene	12.178	104	385420	21.912	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	96209	19.398	ug/L	99
59) Bromoform	12.349	173	52278	21.882	ug/L	97
60) Isopropylbenzene	12.458	105	656083	24.179	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68028	20.558	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	422145	24.409	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	504870	24.257	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	247395	21.488	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	248003	21.176	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	220549	21.778	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	14531	19.163	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	154878	19.549	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	117610	19.010	ug/L	94
71) Naphthalene	15.360	128	222081	20.282	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	99918	18.200	ug/L	98

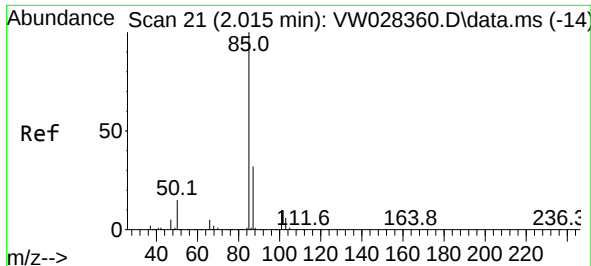
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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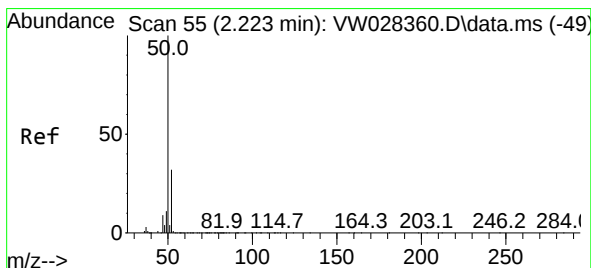
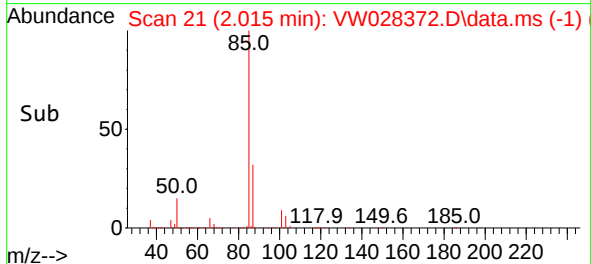
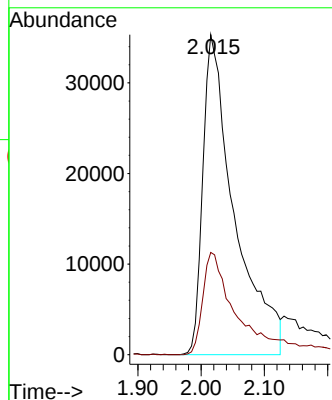
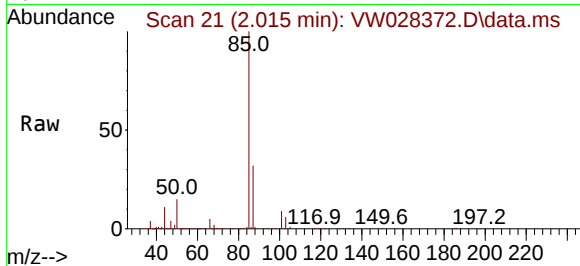




#2
Dichlorodifluoromethane
Concen: 20.177 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

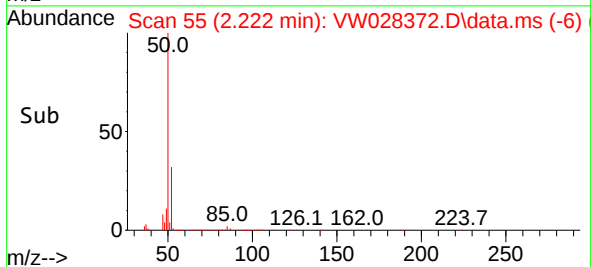
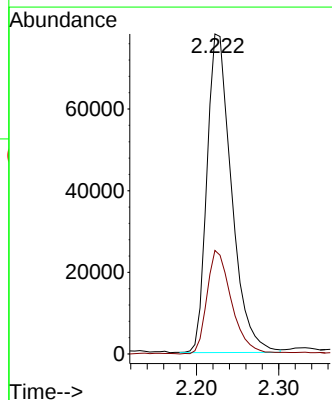
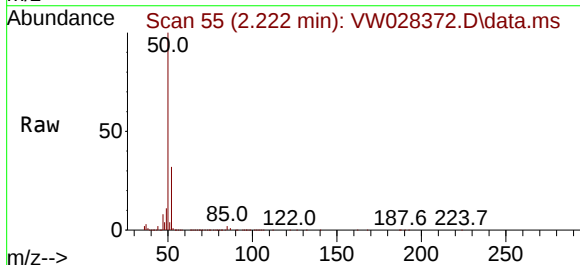
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

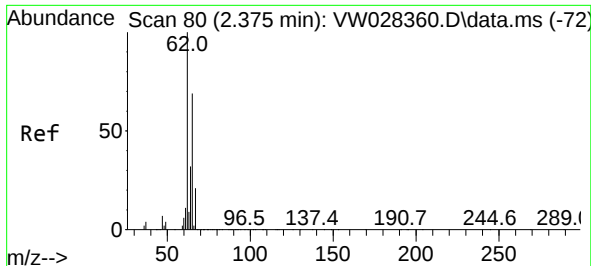
Tgt Ion: 85 Resp: 122440
Ion Ratio Lower Upper
85 100
87 32.3 23.4 35.0



#3
Chloromethane
Concen: 22.719 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 50 Resp: 161866
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.6

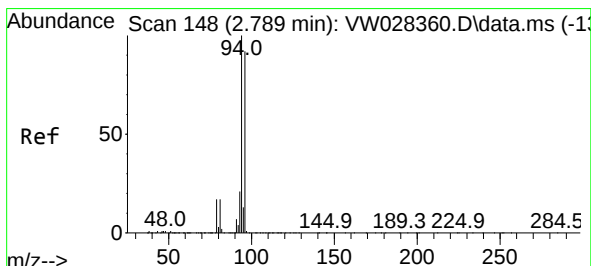
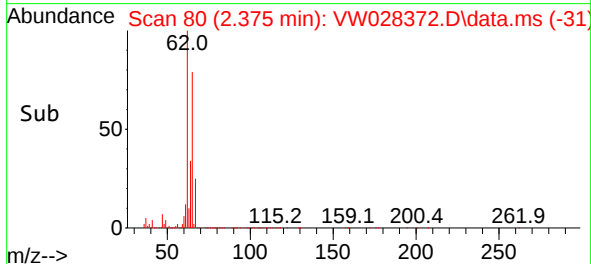
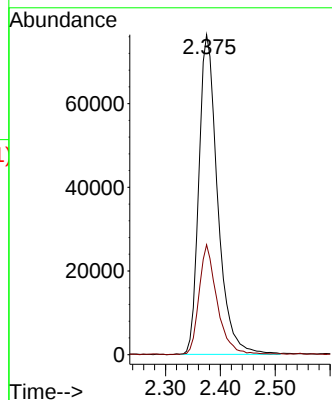
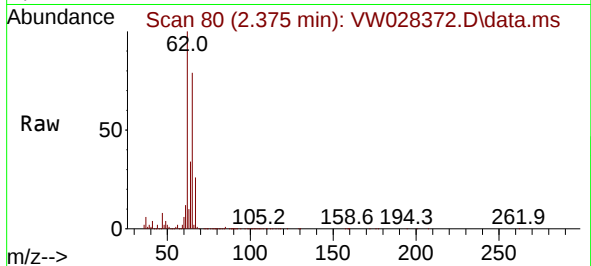




#5
 Vinyl chloride
 Concen: 21.403 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028372.D
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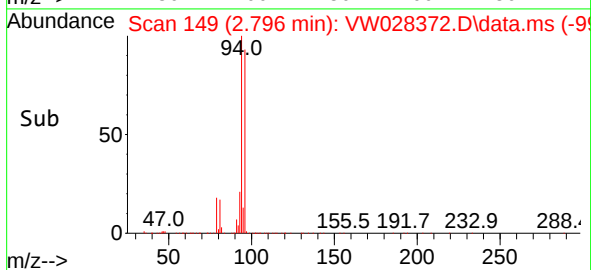
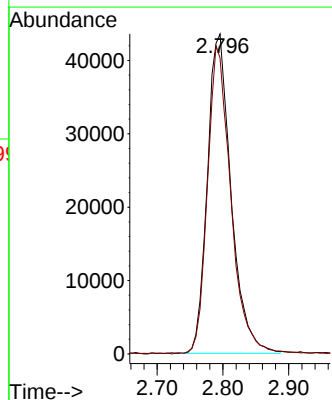
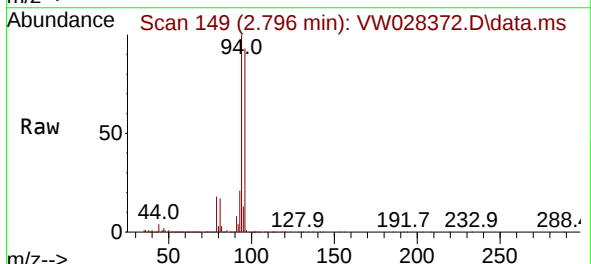
Instrument :
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 ClientSampleId :
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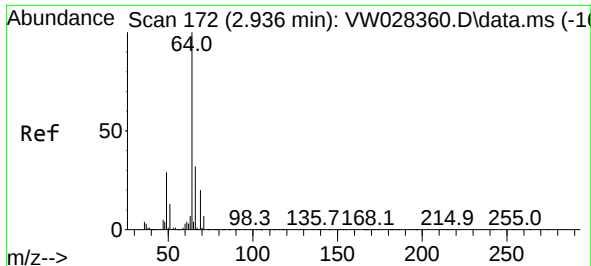
Tgt Ion: 62 Resp: 181605
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.1 42.9



#6
 Bromomethane
 Concen: 20.619 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028372.D
 Acq: 09 Apr 2024 18:39

Tgt Ion: 94 Resp: 109309
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.3 119.5

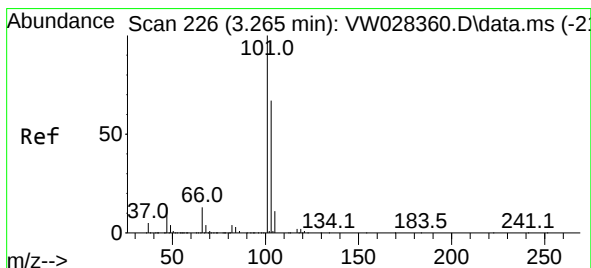
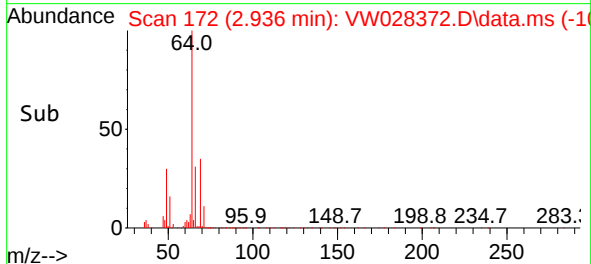
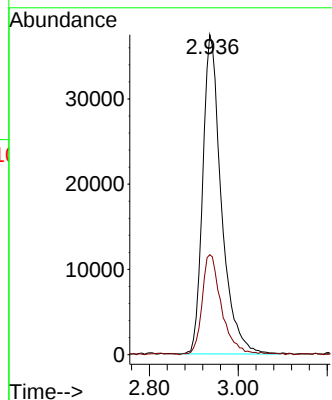
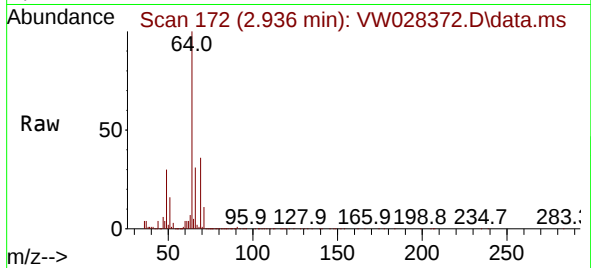




#8
Chloroethane
Concen: 21.345 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

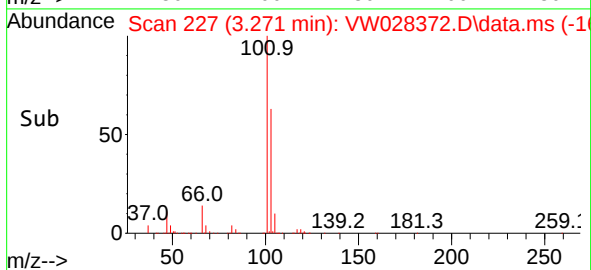
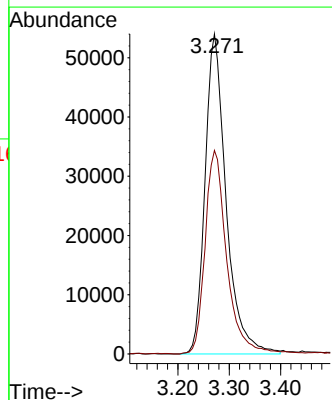
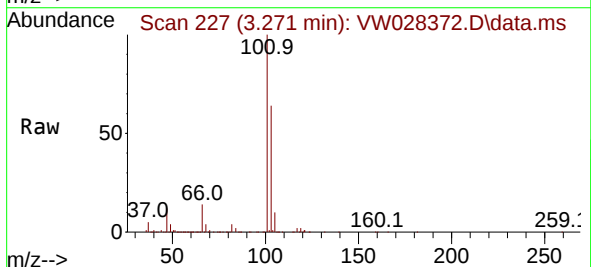
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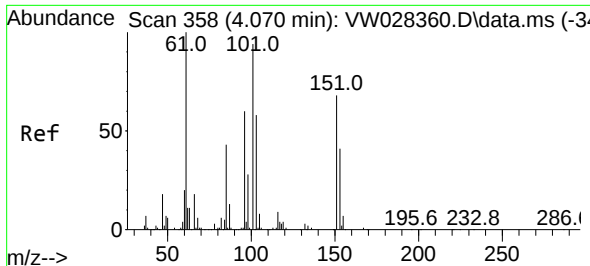
Tgt Ion: 64 Resp: 109179
Ion Ratio Lower Upper
64 100
66 31.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.679 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 101 Resp: 153509
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

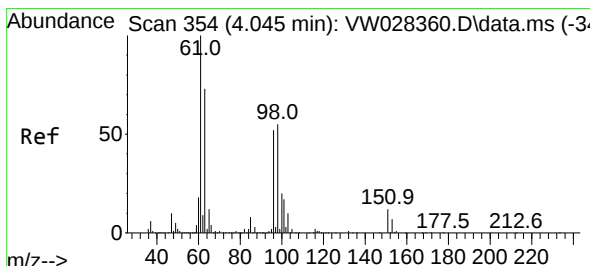
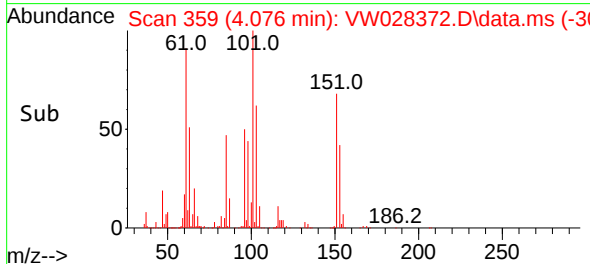
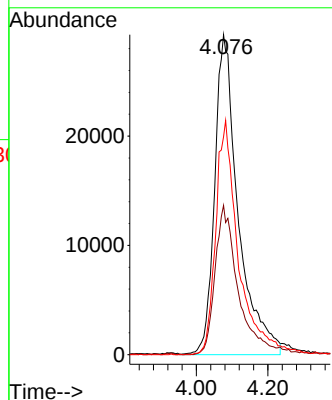
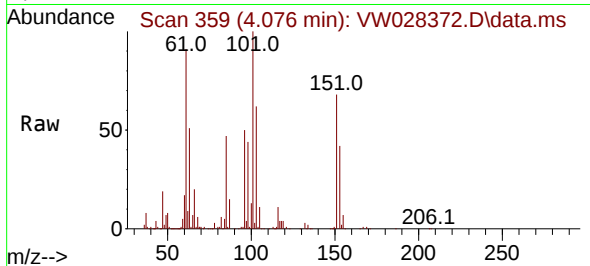




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.994 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW028372.D
 Acq: 09 Apr 2024 18:39

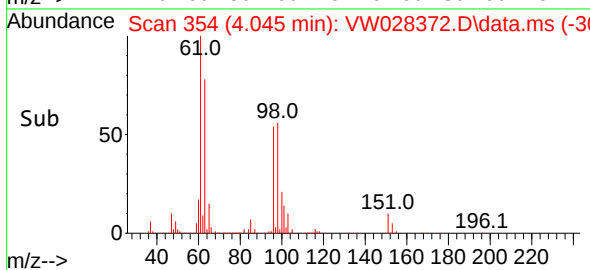
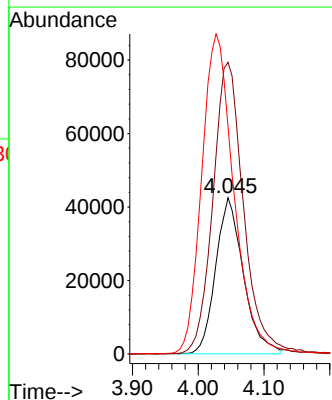
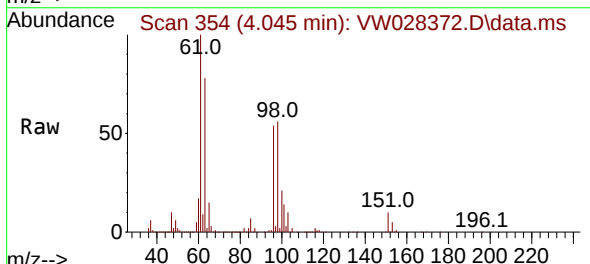
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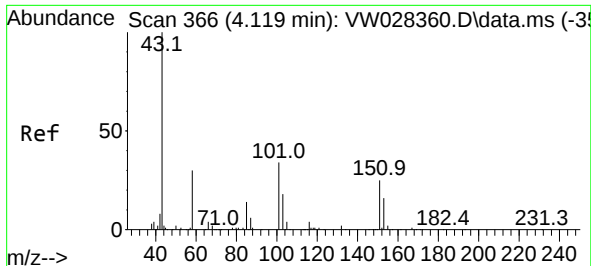
Tgt Ion:101 Resp: 133689
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.5 51.7
 151 70.3 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 20.799 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW028372.D
 Acq: 09 Apr 2024 18:39

Tgt Ion: 96 Resp: 124366
 Ion Ratio Lower Upper
 96 100
 61 186.7 130.5 242.5
 63 145.5 101.5 188.5

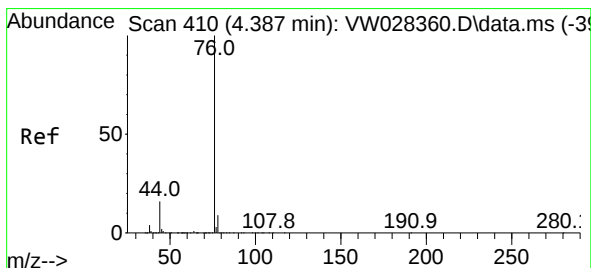
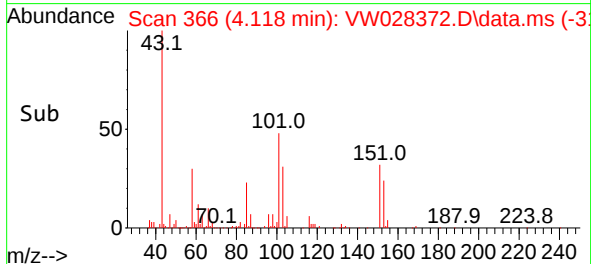
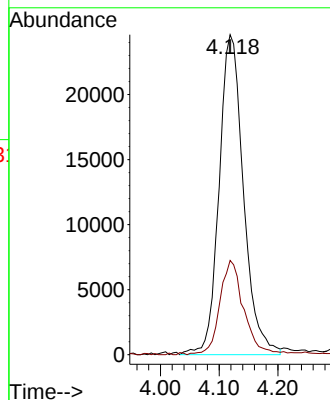
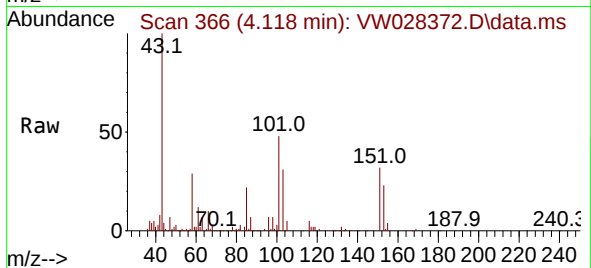




#13
Acetone
Concen: 42.711 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
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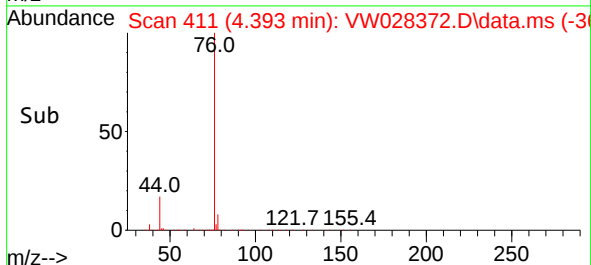
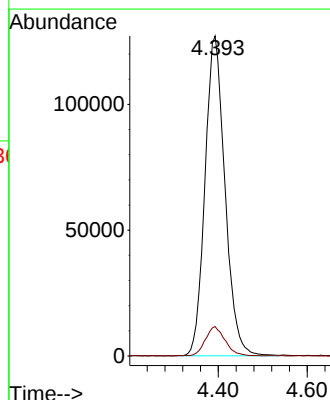
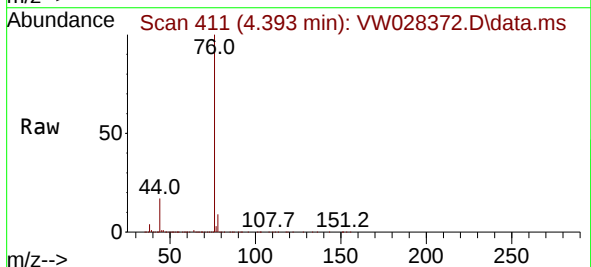
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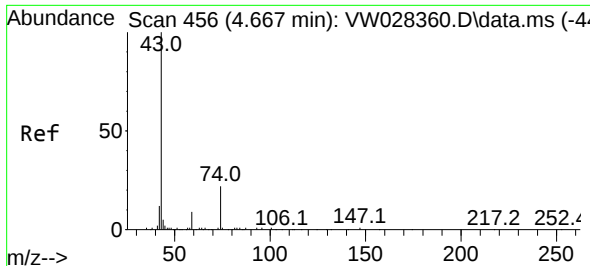
Tgt Ion: 43 Resp: 70984
Ion Ratio Lower Upper
43 100
58 28.7 0.0 53.4



#14
Carbon disulfide
Concen: 20.199 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 76 Resp: 397626
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

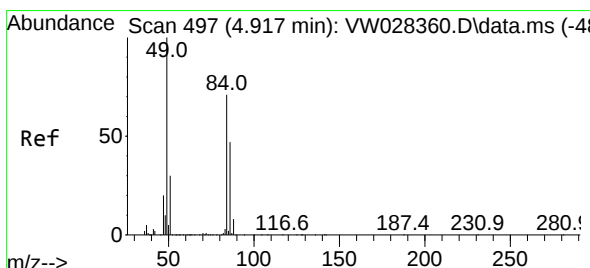
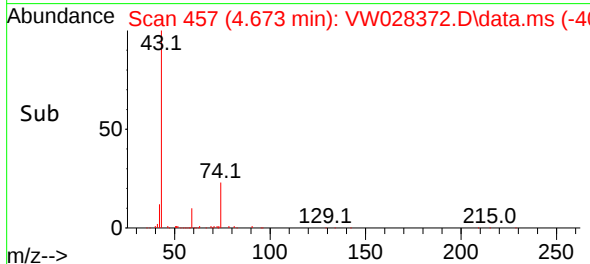
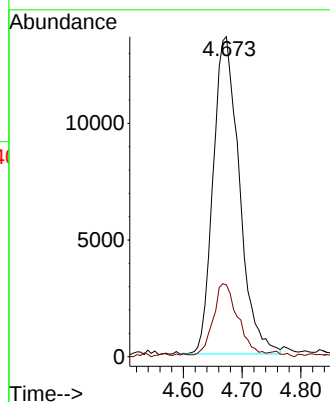
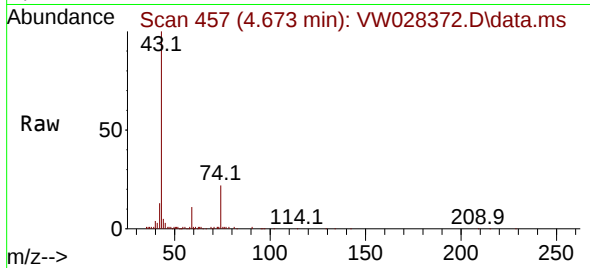




#15
Methyl Acetate
Concen: 15.783 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

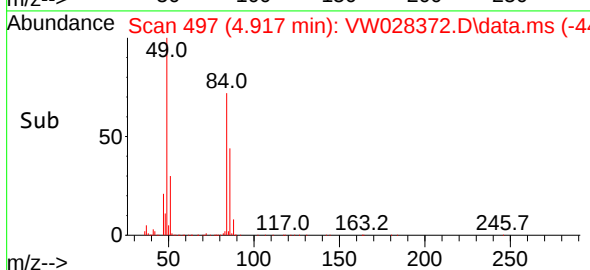
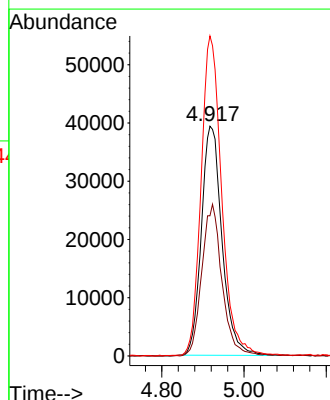
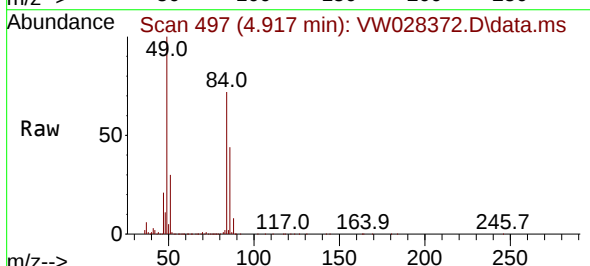
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

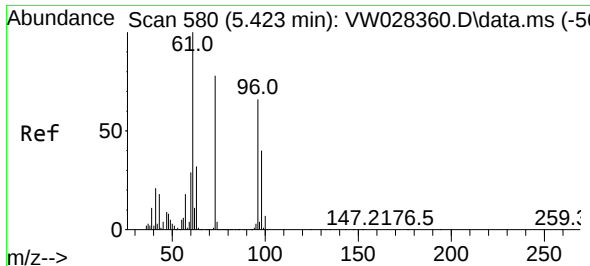
Tgt Ion: 43 Resp: 42206
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.0



#16
Methylene chloride
Concen: 20.087 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 84 Resp: 137137
Ion Ratio Lower Upper
84 100
86 61.0 44.2 82.0
49 139.3 95.0 176.4

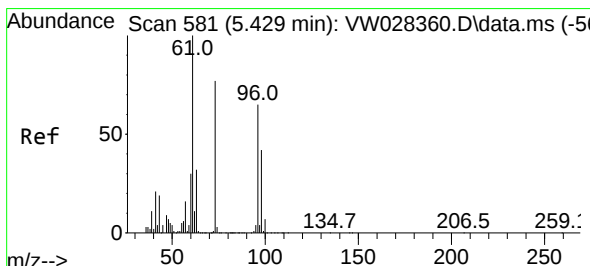
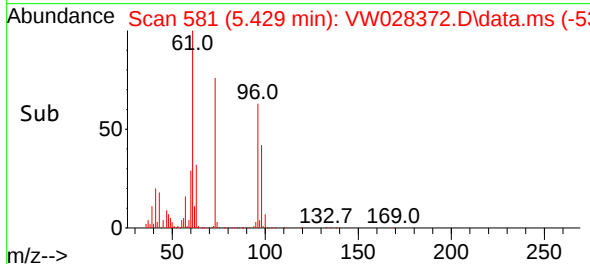
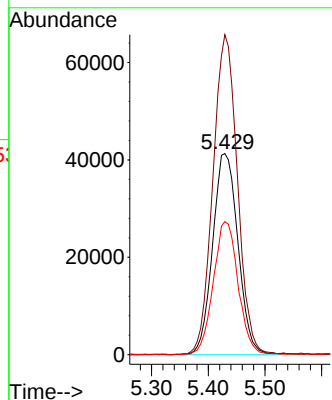
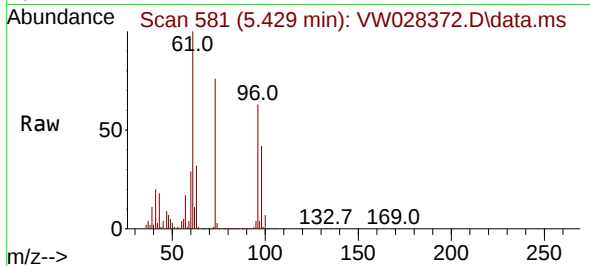




#17
trans-1,2-Dichloroethene
Concen: 20.351 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

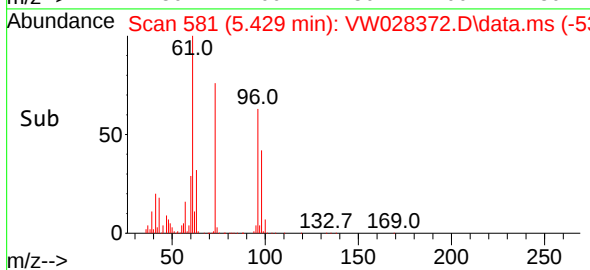
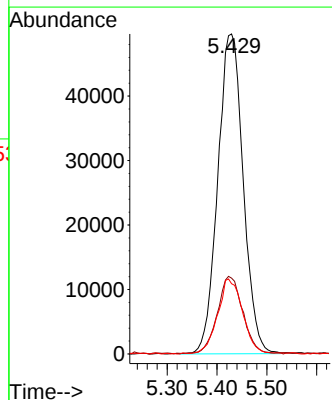
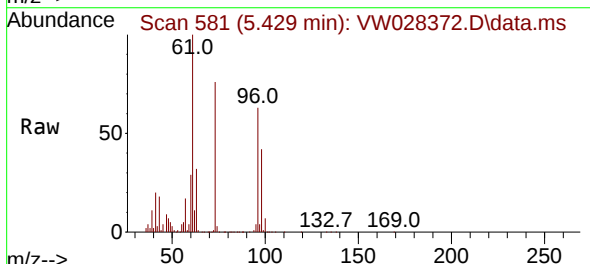
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

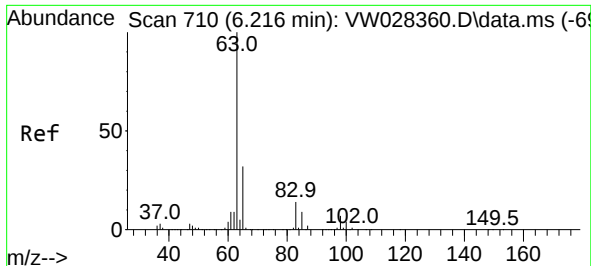
Tgt Ion: 96 Resp: 128182
Ion Ratio Lower Upper
96 100
61 159.1 108.4 201.4
98 66.2 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 19.843 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 73 Resp: 175810
Ion Ratio Lower Upper
73 100
43 23.8 18.5 27.7
57 23.2 18.2 27.4





#19

1,1-Dichloroethane

Concen: 21.396 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

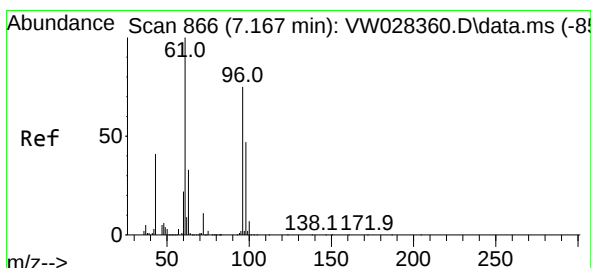
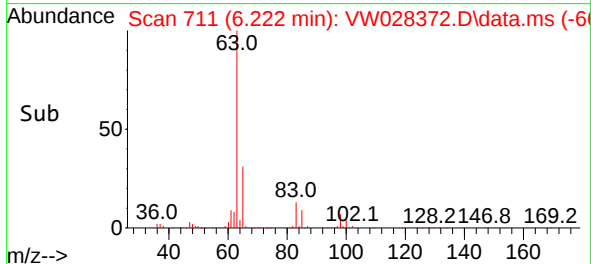
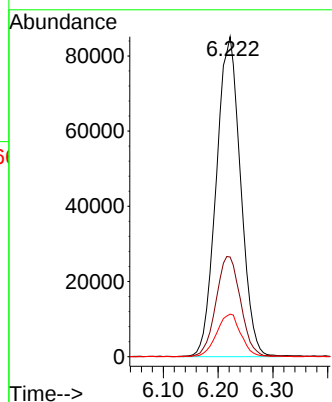
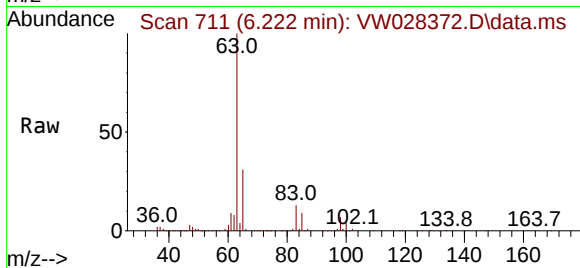
Tgt Ion: 63 Resp: 262570

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

83 13.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 21.324 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

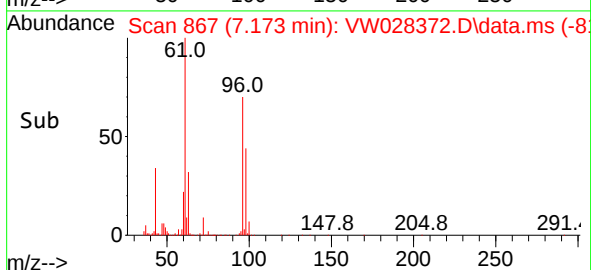
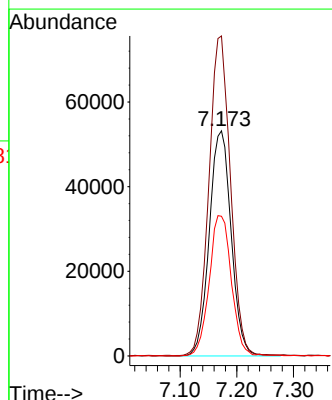
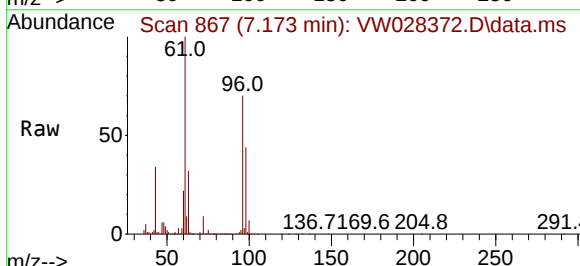
Tgt Ion: 96 Resp: 142550

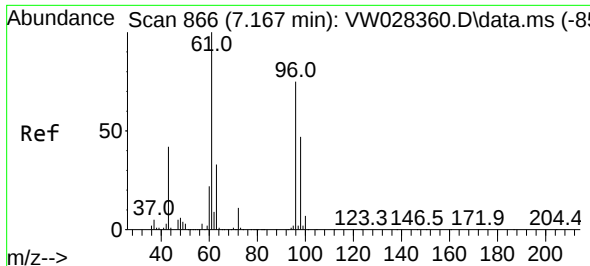
Ion Ratio Lower Upper

96 100

61 142.1 97.6 181.2

98 62.1 47.7 88.5

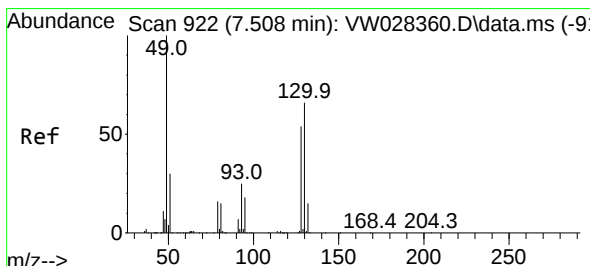
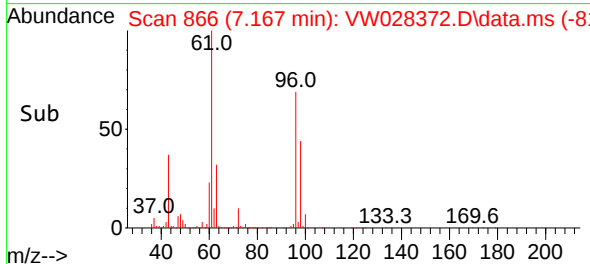
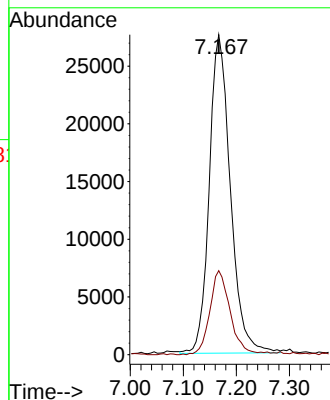
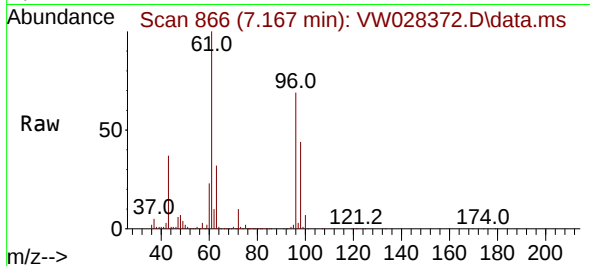




#22
2-Butanone
Concen: 37.791 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

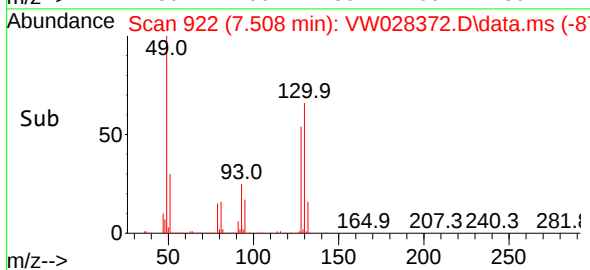
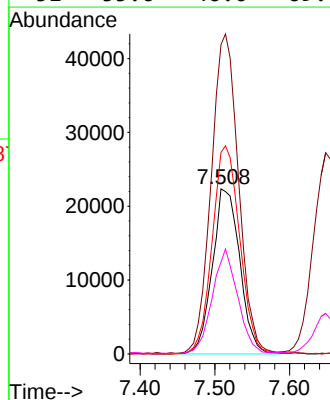
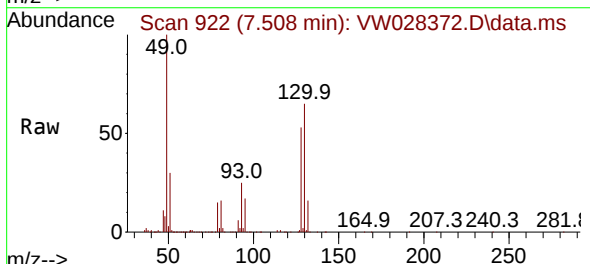
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

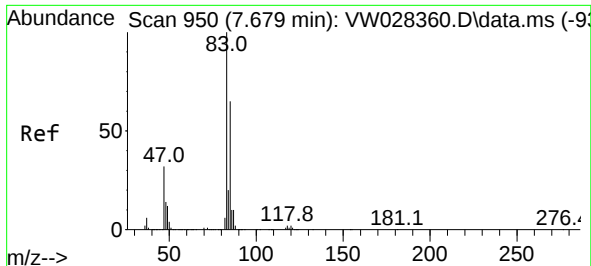
Tgt Ion: 43 Resp: 76221
Ion Ratio Lower Upper
43 100
72 25.2 12.8 38.4



#23
Bromochloromethane
Concen: 19.756 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 128 Resp: 56884
Ion Ratio Lower Upper
128 100
49 187.3 127.1 236.0
130 122.0 78.3 145.5
51 55.6 46.0 69.0

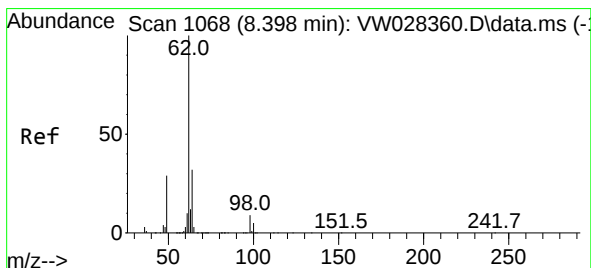
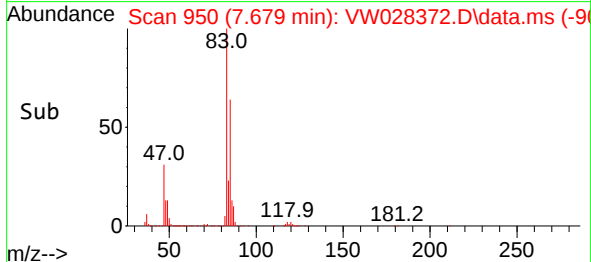
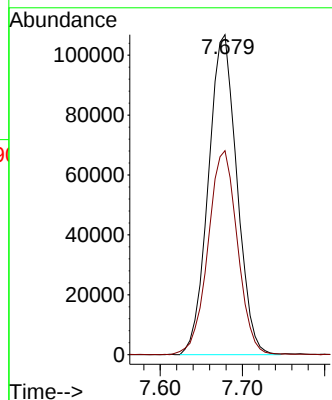
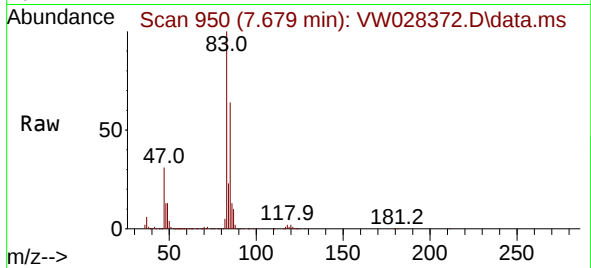




#25
Chloroform
Concen: 21.394 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

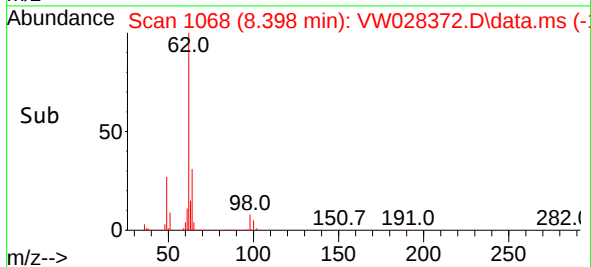
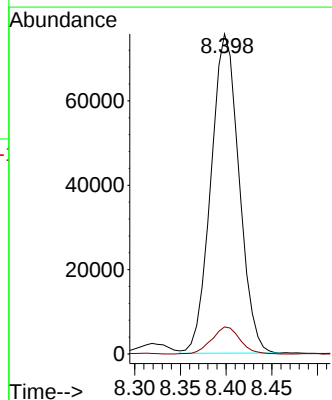
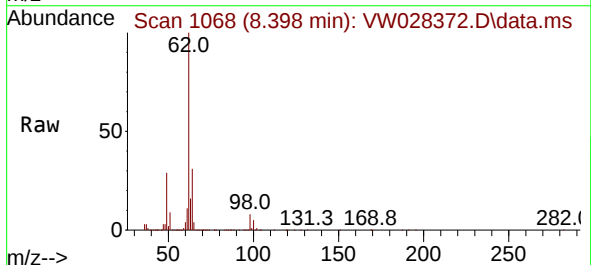
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

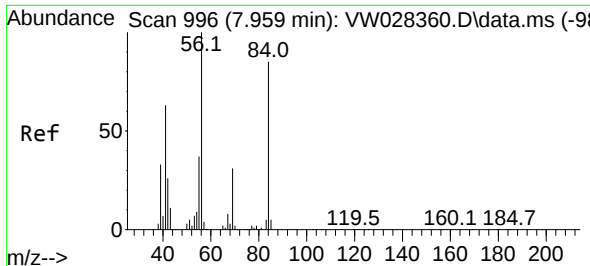
Tgt Ion: 83 Resp: 257898
Ion Ratio Lower Upper
83 100
85 63.8 47.7 88.7



#27
1,2-Dichloroethane
Concen: 19.457 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 62 Resp: 161886
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0

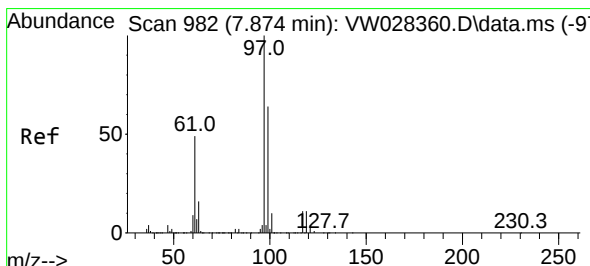
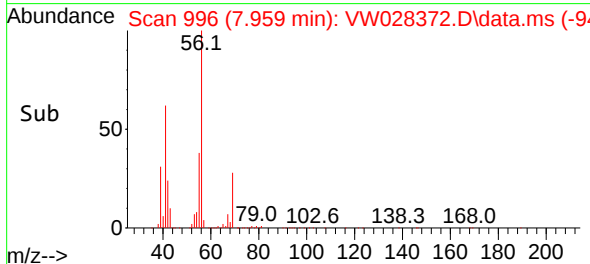
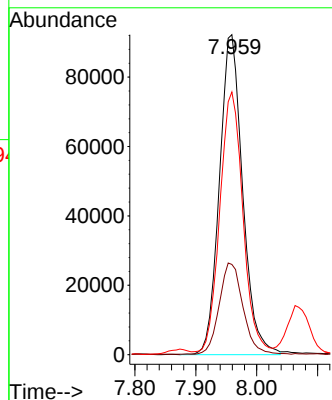
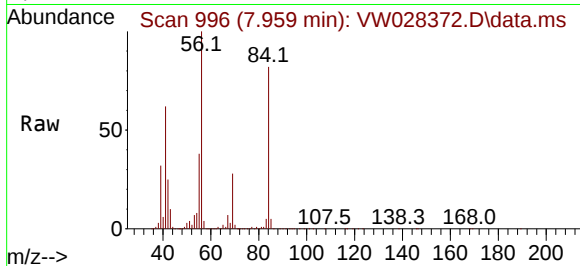




#29
Cyclohexane
Concen: 23.246 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

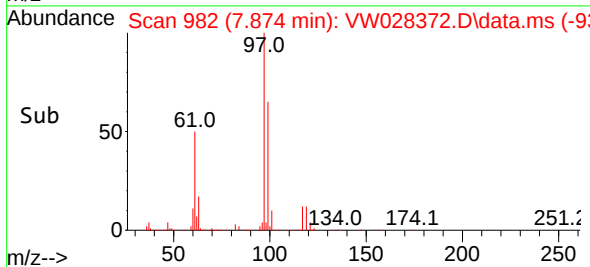
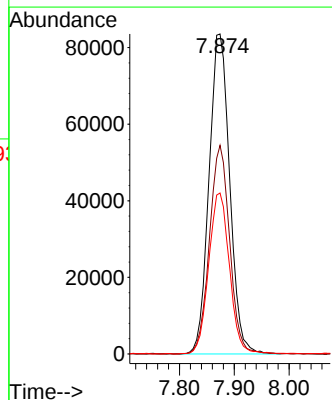
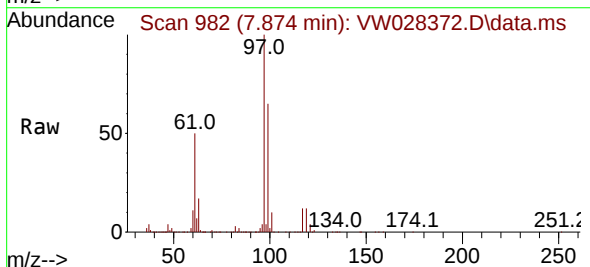
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

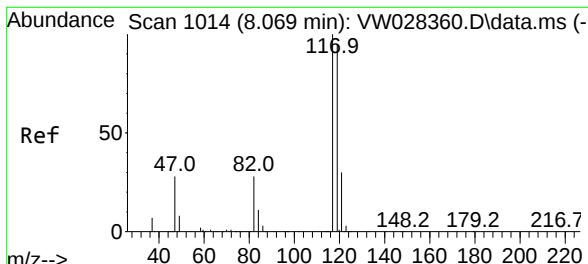
Tgt Ion: 56 Resp: 244080
Ion Ratio Lower Upper
56 100
69 29.1 23.8 35.6
84 82.1 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 22.680 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 97 Resp: 218649
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 50.6 40.5 60.7

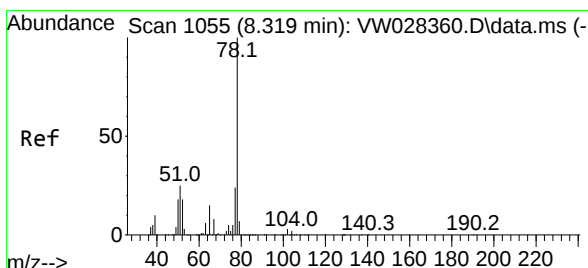
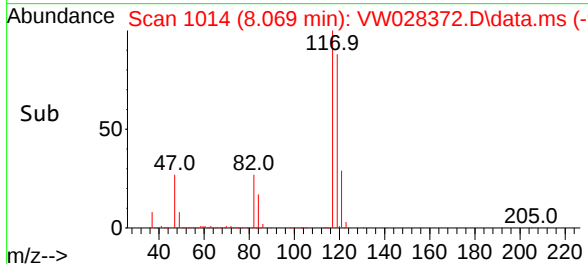
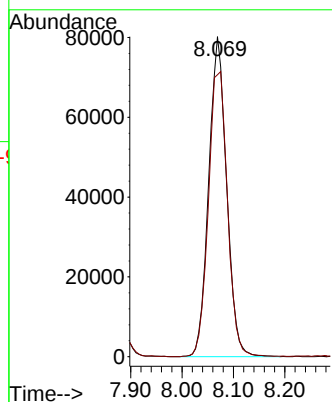
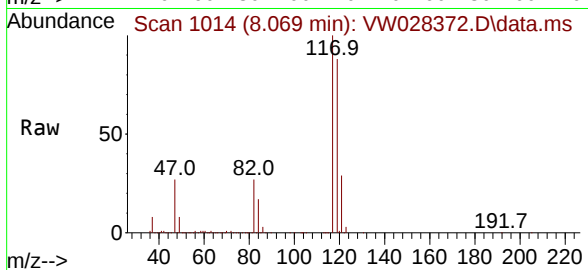




#31
Carbon tetrachloride
Concen: 22.649 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

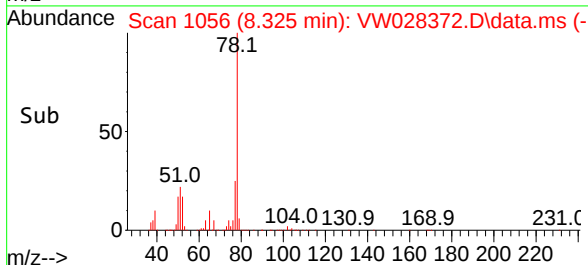
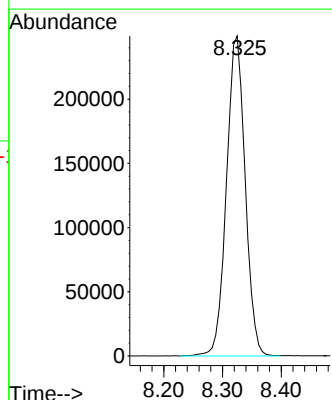
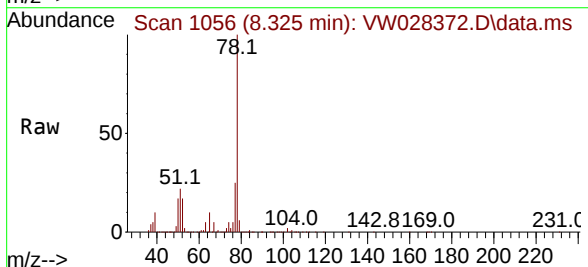
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

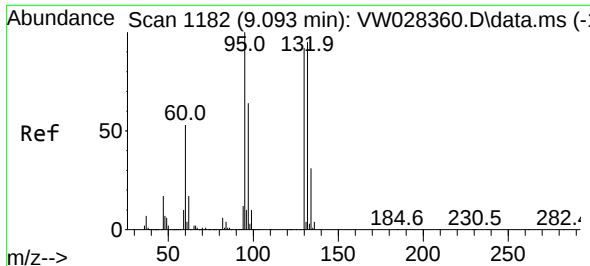
Tgt Ion:117 Resp: 193628
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2



#33
Benzene
Concen: 22.168 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 78 Resp: 550945



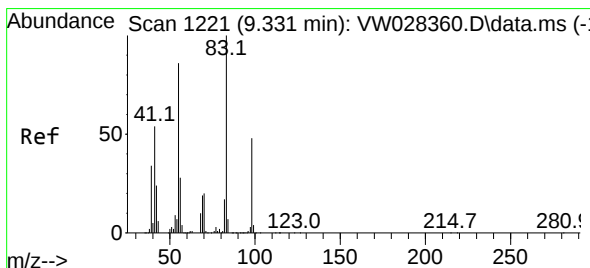
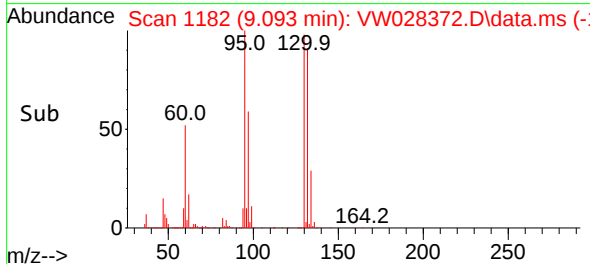
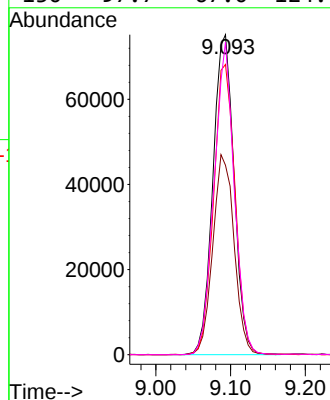
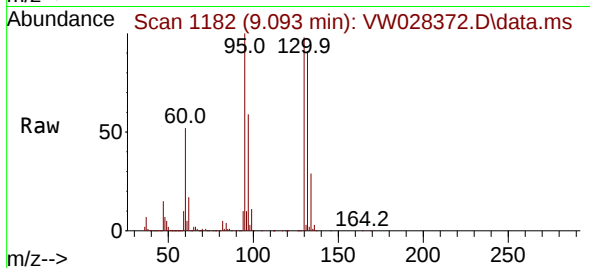


#34
Trichloroethene
Concen: 21.947 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

Tgt Ion: 95 Resp: 147819

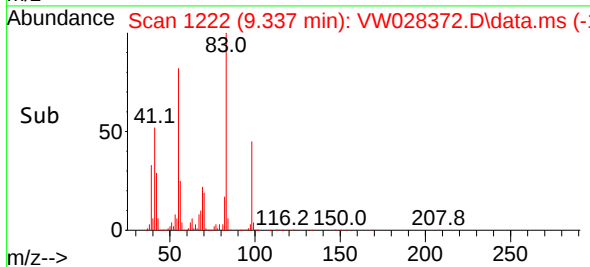
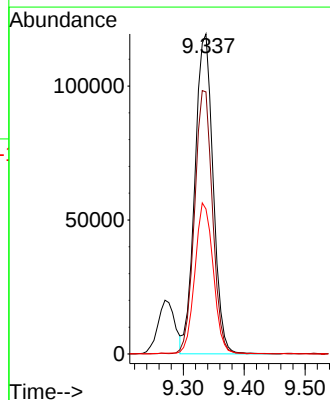
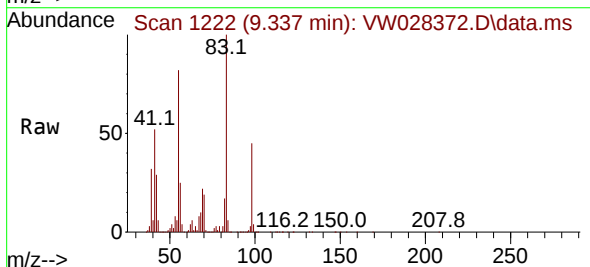
Ion	Ratio	Lower	Upper
95	100		
97	59.2	43.8	81.4
132	90.7	66.1	122.8
130	97.7	67.0	124.4

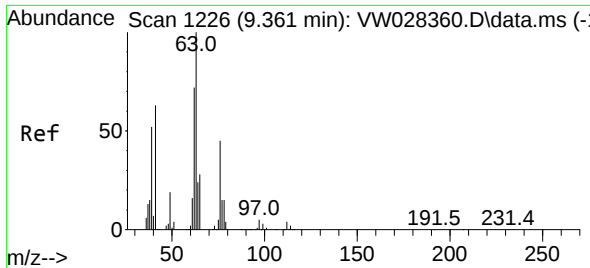


#35
Methylcyclohexane
Concen: 21.582 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 83 Resp: 248054

Ion	Ratio	Lower	Upper
83	100		
55	81.4	65.7	98.5
98	47.4	38.6	58.0





#37

1,2-Dichloropropane

Concen: 21.837 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

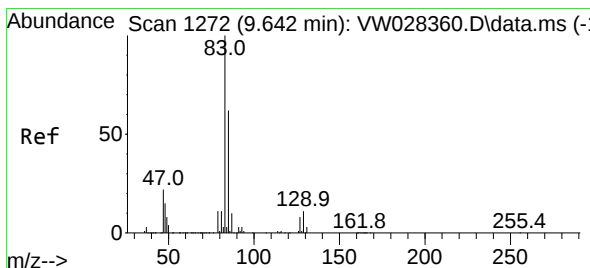
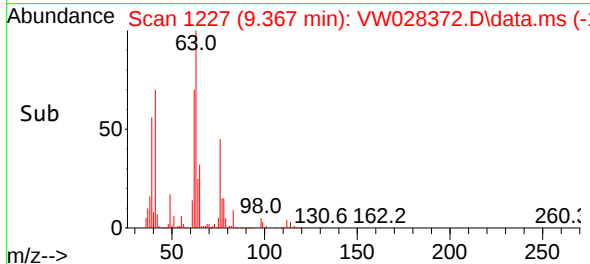
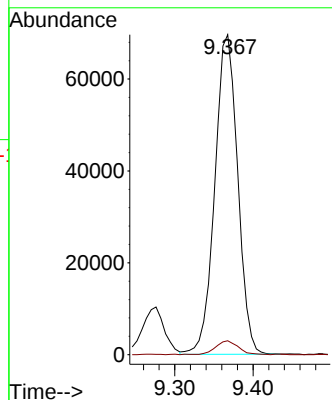
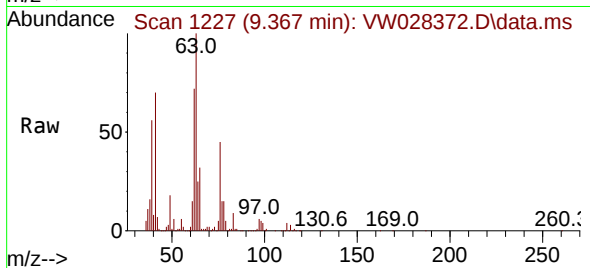
E1CY1MSD

Tgt Ion: 63 Resp: 141453

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 21.623 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

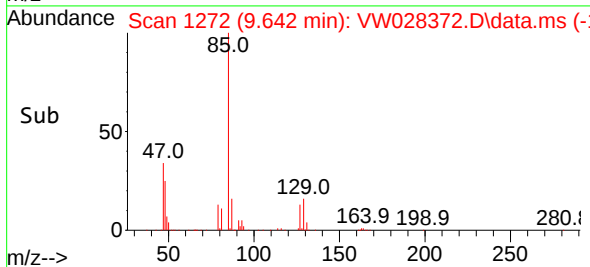
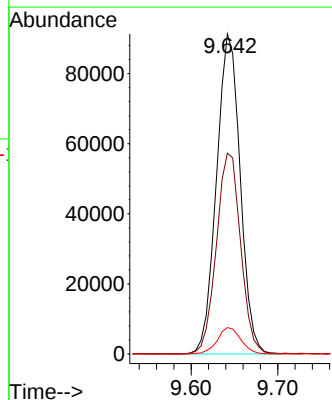
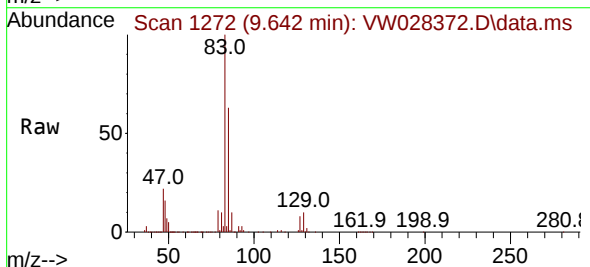
Tgt Ion: 83 Resp: 173617

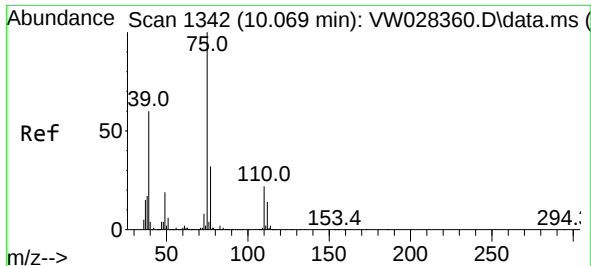
Ion Ratio Lower Upper

83 100

85 62.8 43.1 80.1

127 8.2 6.4 9.6

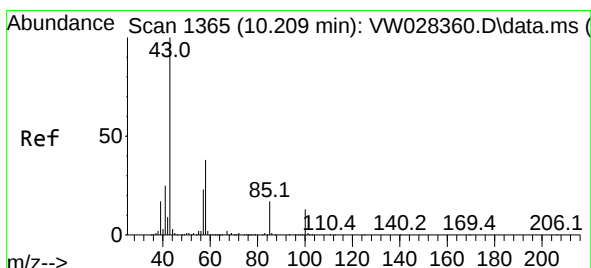
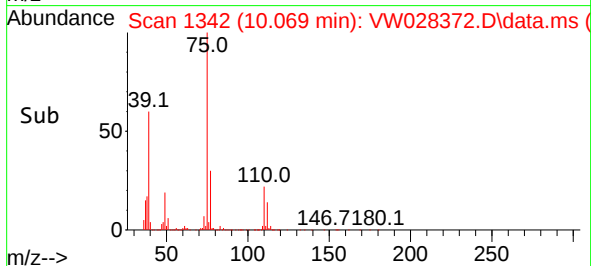
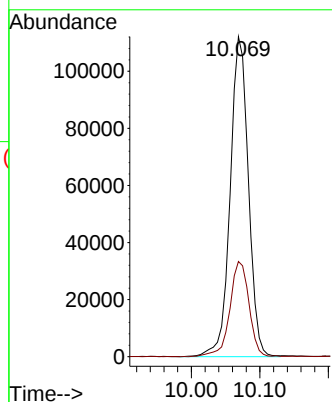
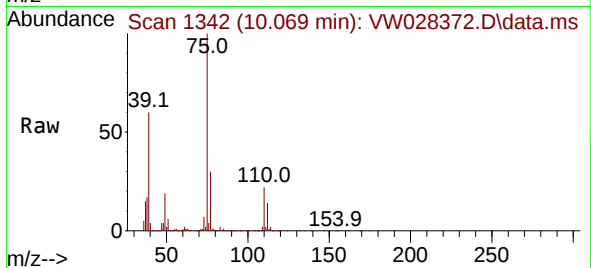




#39
 cis-1,3-Dichloropropene
 Concen: 21.828 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW028372.D
 Acq: 09 Apr 2024 18:39

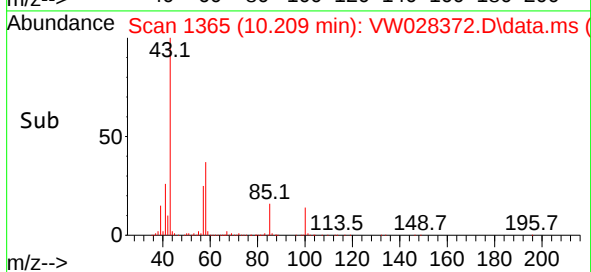
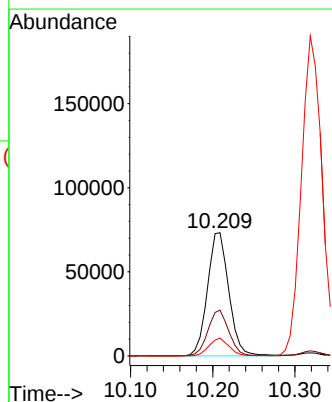
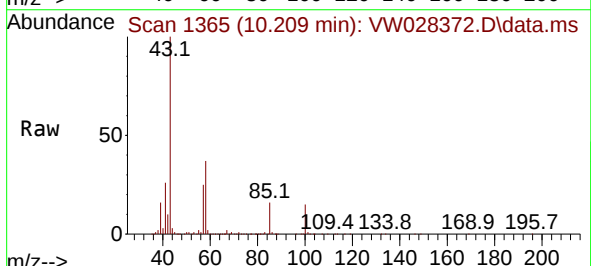
Instrument :
 MSVOA_W
 ClientSampleId :
 E1CY1MSD

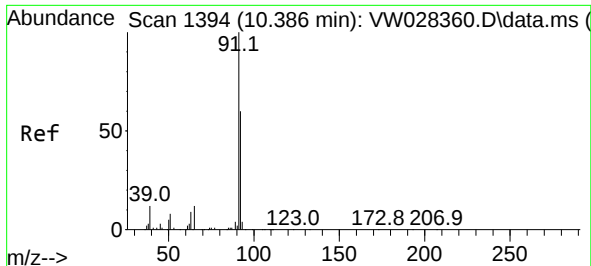
Tgt Ion: 75 Resp: 207346
 Ion Ratio Lower Upper
 75 100
 77 29.7 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 40.728 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW028372.D
 Acq: 09 Apr 2024 18:39

Tgt Ion: 43 Resp: 132071
 Ion Ratio Lower Upper
 43 100
 58 36.6 28.6 43.0
 100 13.9 10.6 16.0

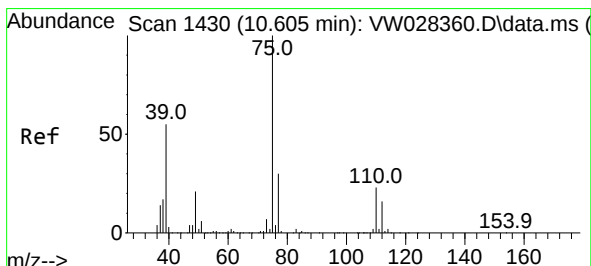
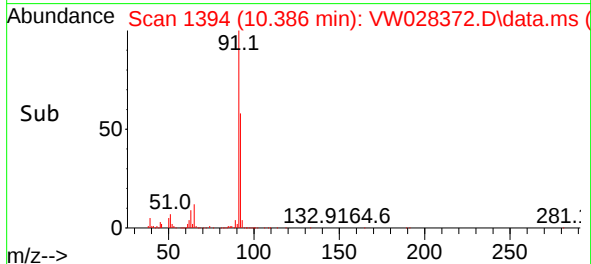
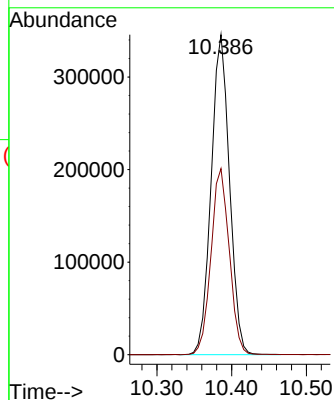
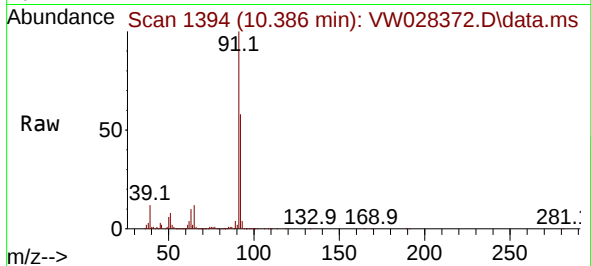




#42
Toluene
Concen: 22.363 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

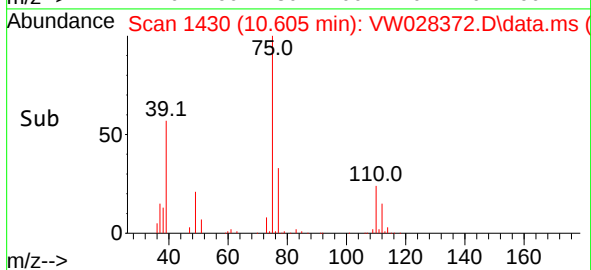
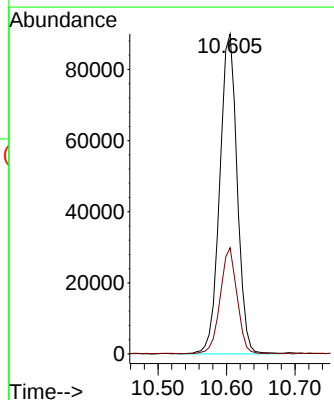
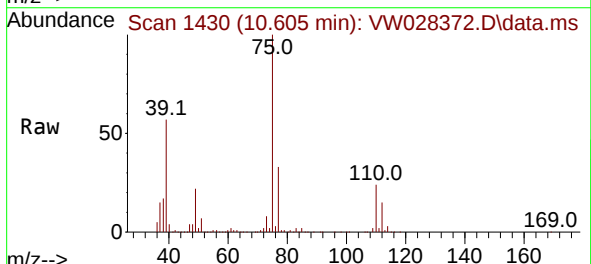
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

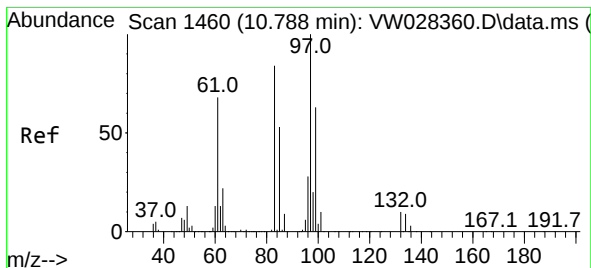
Tgt Ion: 91 Resp: 588819
Ion Ratio Lower Upper
91 100
92 58.2 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 20.620 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 75 Resp: 158460
Ion Ratio Lower Upper
75 100
77 33.2 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 20.210 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

Tgt Ion: 97 Resp: 88572

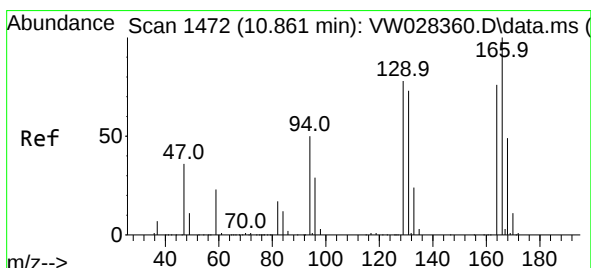
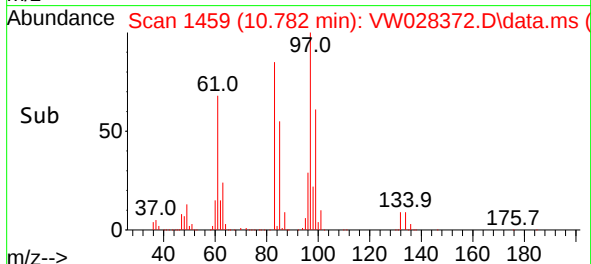
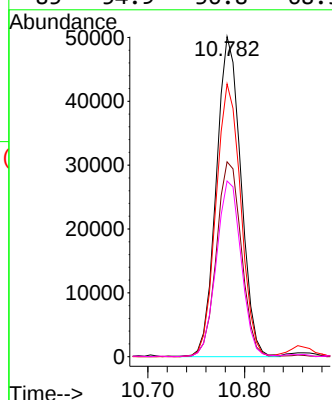
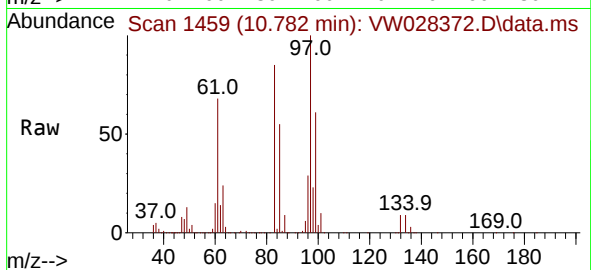
Ion Ratio Lower Upper

97 100

99 60.9 44.2 82.2

83 85.3 56.4 104.7

85 54.9 36.8 68.3



#46

Tetrachloroethene

Concen: 20.946 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Tgt Ion:164 Resp: 105379

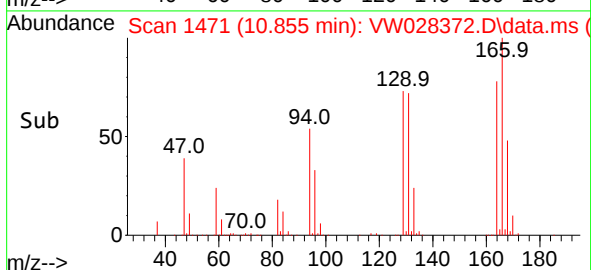
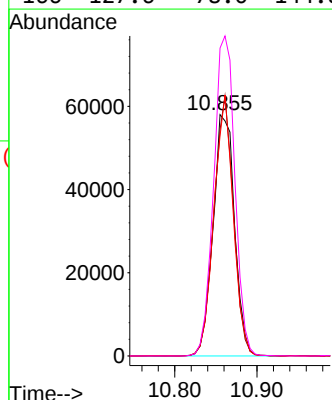
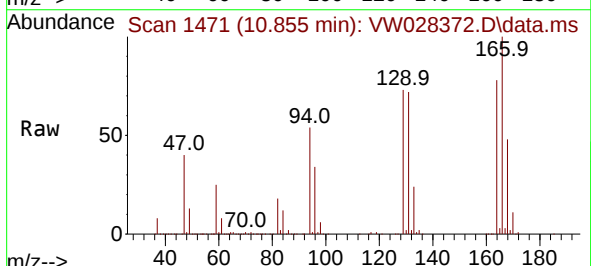
Ion Ratio Lower Upper

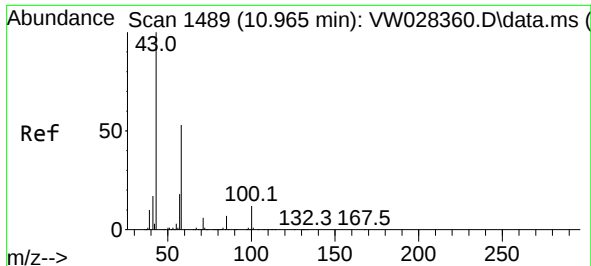
164 100

129 93.7 59.7 110.9

131 91.2 58.2 108.2

166 127.6 78.0 144.8



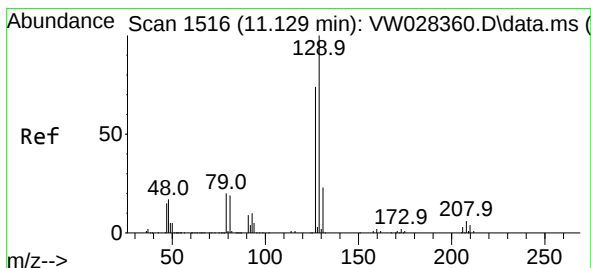
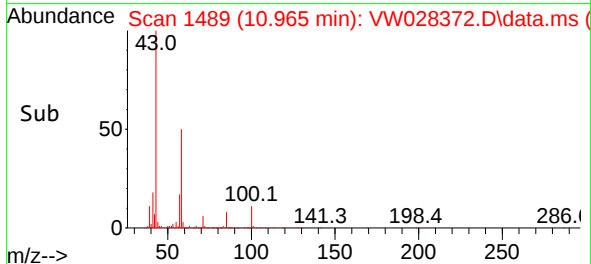
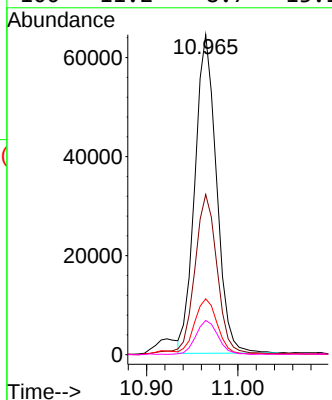
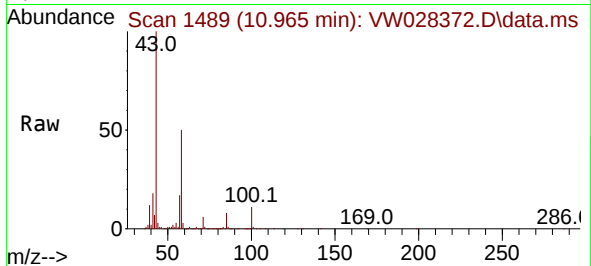


#48
2-Hexanone
Concen: 41.115 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

Tgt Ion: 43 Resp: 105830

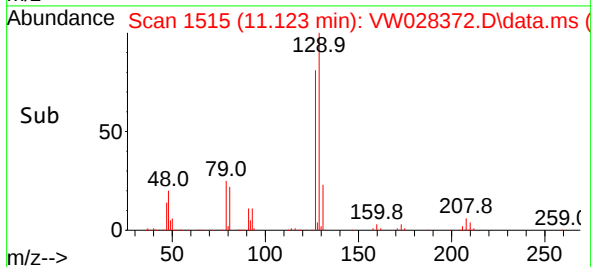
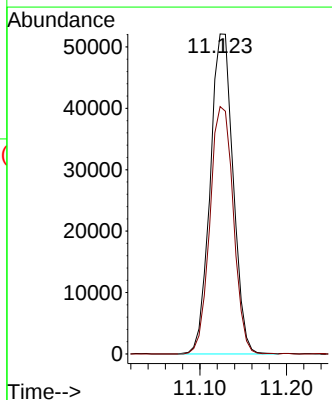
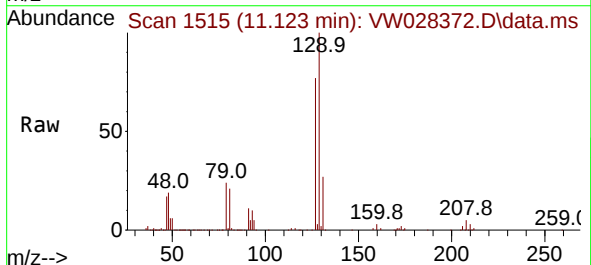
Ion	Ratio	Lower	Upper
43	100		
58	53.1	38.9	58.3
57	18.6	14.4	21.6
100	11.2	8.7	13.1

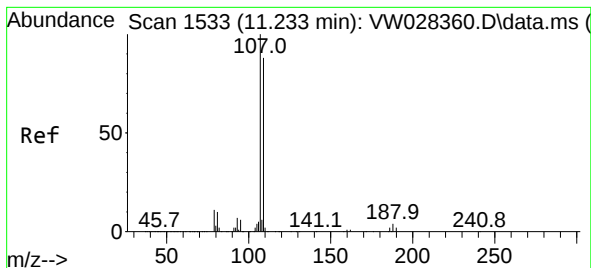


#49
Dibromochloromethane
Concen: 20.503 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 129 Resp: 96037

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.0	98.4

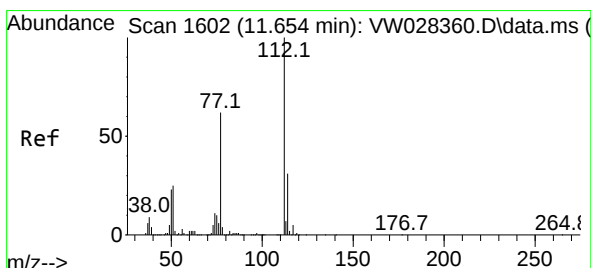
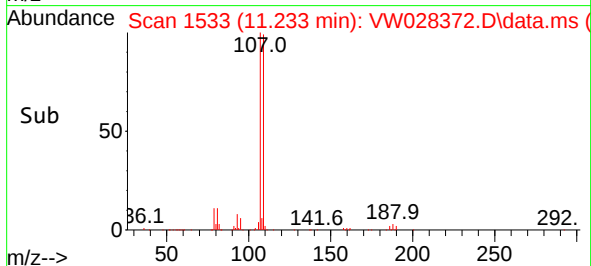
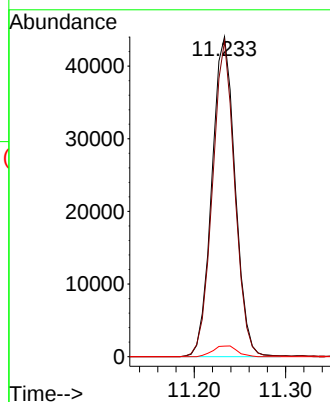
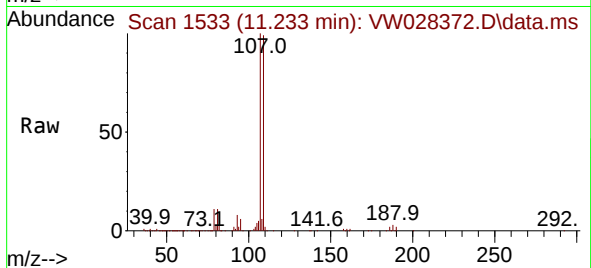




#50
1,2-Dibromoethane
Concen: 19.477 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

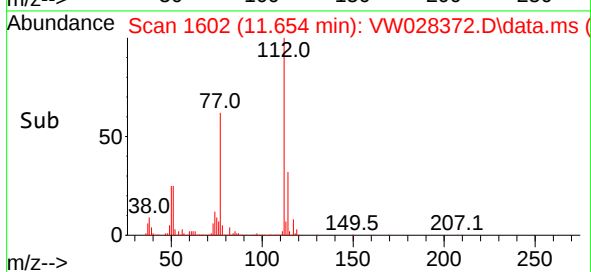
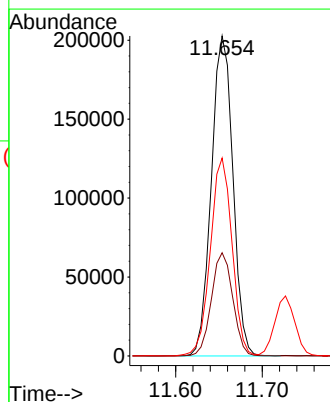
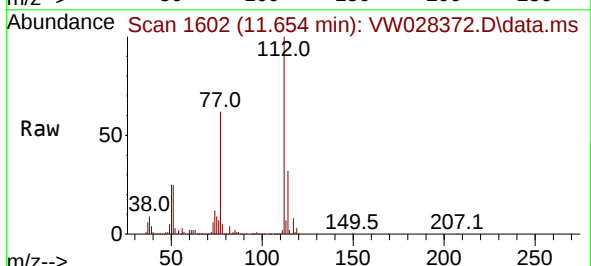
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

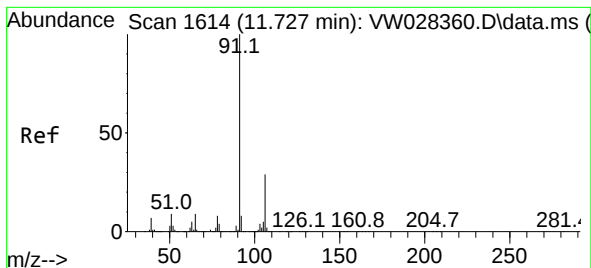
Tgt Ion:107 Resp: 77908
Ion Ratio Lower Upper
107 100
109 98.6 62.1 115.3
188 3.3 3.2 4.8



#51
Chlorobenzene
Concen: 21.419 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion:112 Resp: 350549
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 61.9 51.8 77.8

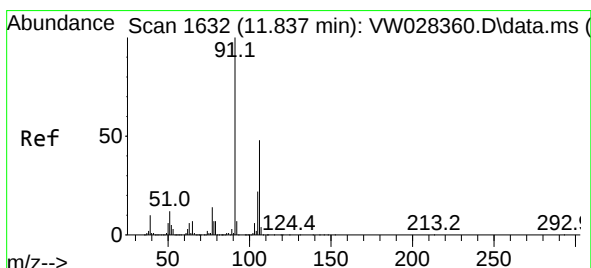
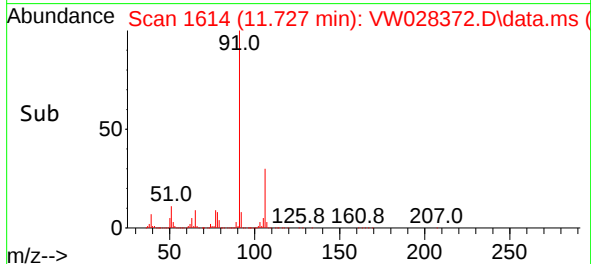
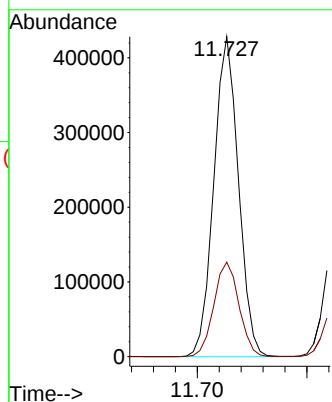
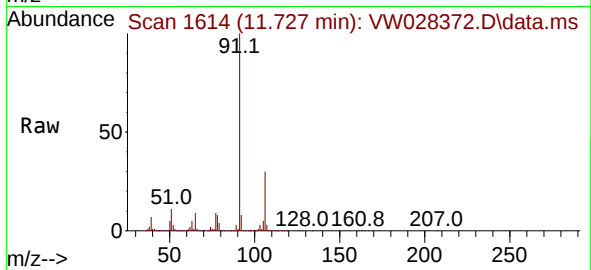




#52
Ethylbenzene
Concen: 22.353 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

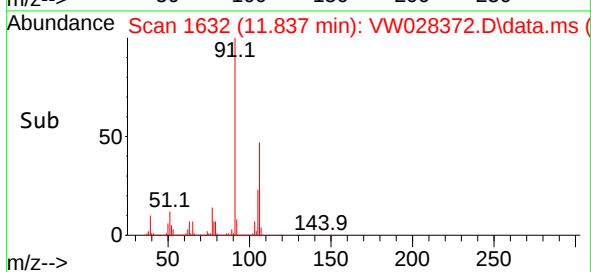
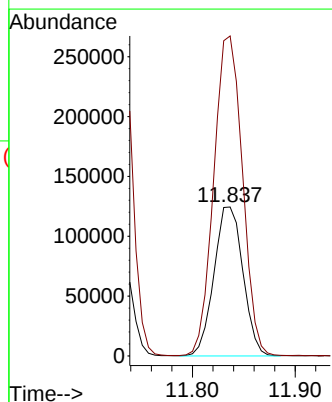
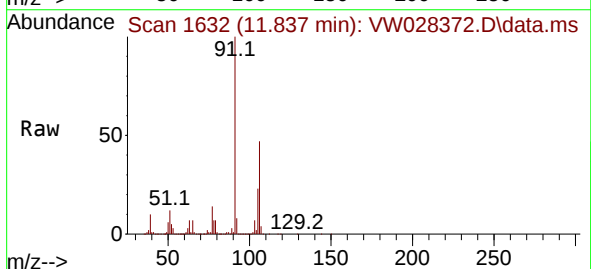
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

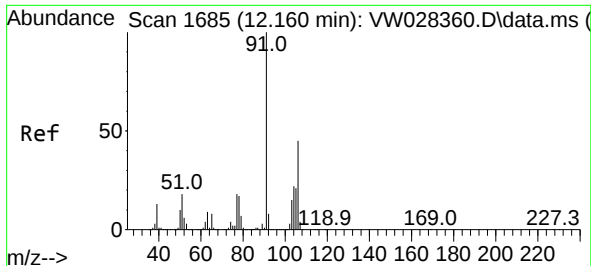
Tgt Ion: 91 Resp: 667156
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4



#53
m,p-Xylene
Concen: 21.972 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion: 106 Resp: 243880
Ion Ratio Lower Upper
106 100
91 214.8 152.4 283.0

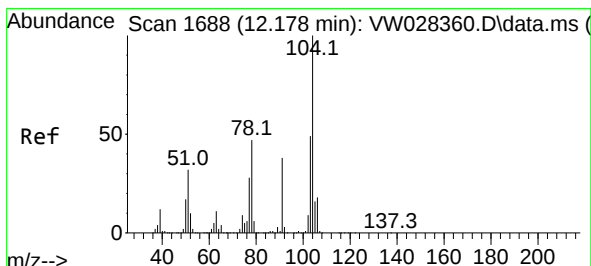
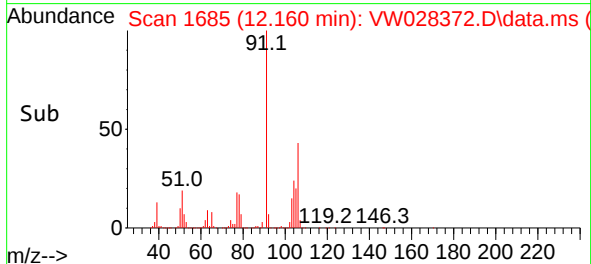
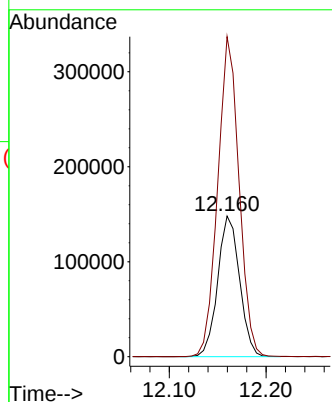
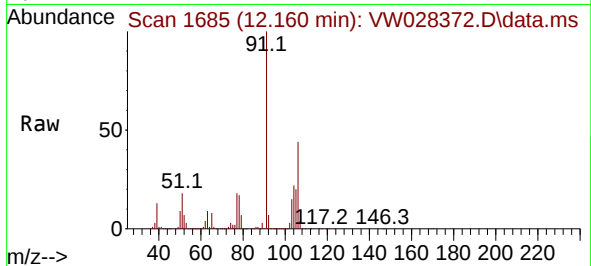




#54
o-Xylene
Concen: 22.462 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

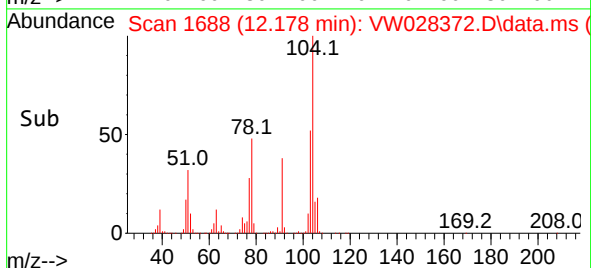
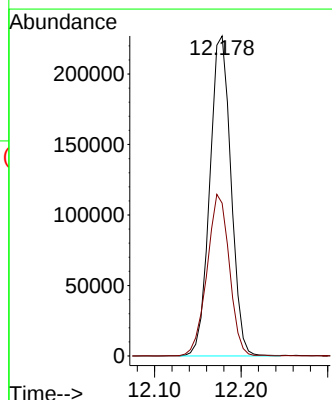
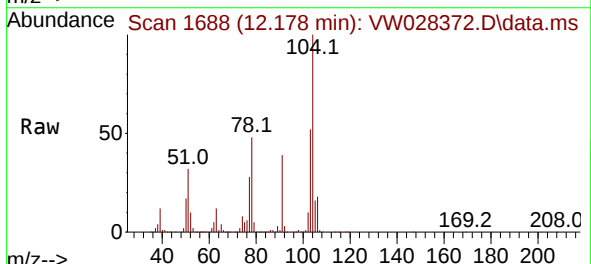
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

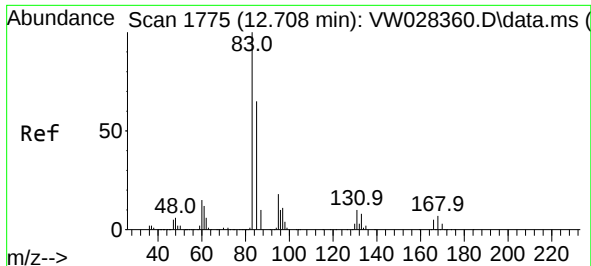
Tgt Ion:106 Resp: 232140
Ion Ratio Lower Upper
106 100
91 227.4 152.9 283.9



#55
Styrene
Concen: 21.912 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion:104 Resp: 385420
Ion Ratio Lower Upper
104 100
78 47.7 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 19.398 ug/L

RT: 12.708 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

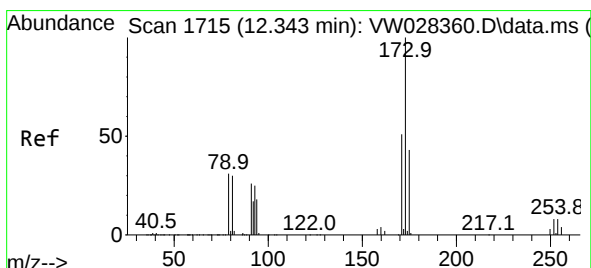
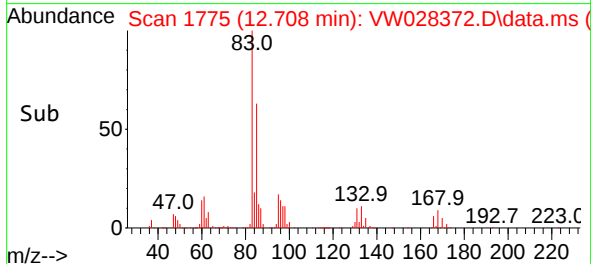
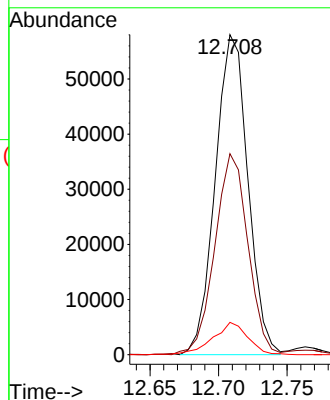
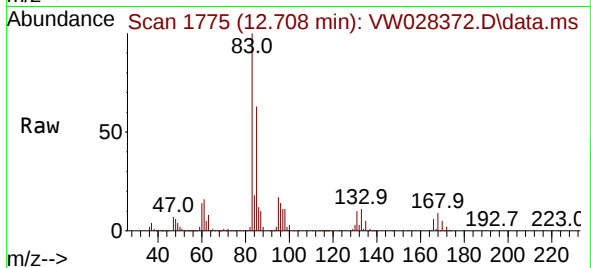
Tgt Ion: 83 Resp: 96209

Ion Ratio Lower Upper

83 100

85 62.8 43.4 80.6

131 10.1 8.0 12.0



#59

Bromoform

Concen: 21.882 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

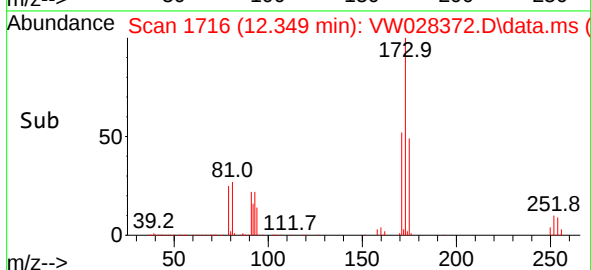
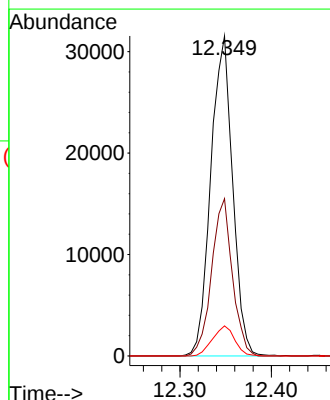
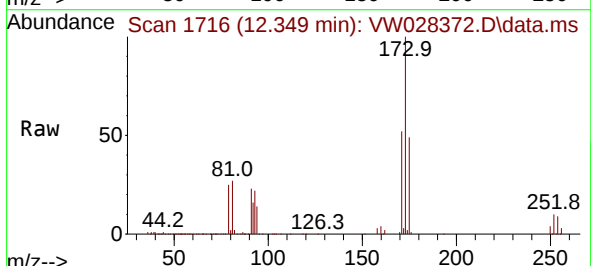
Tgt Ion:173 Resp: 52278

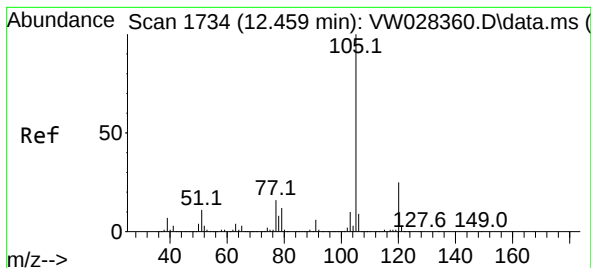
Ion Ratio Lower Upper

173 100

175 46.7 39.2 58.8

254 9.5 8.3 12.5





#60

Isopropylbenzene

Concen: 24.179 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

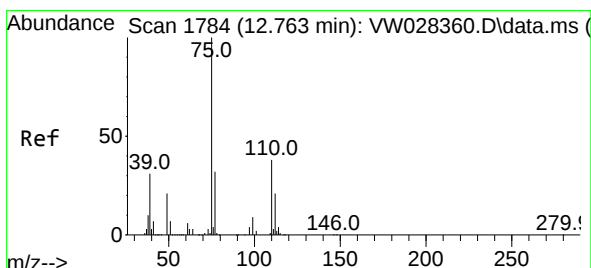
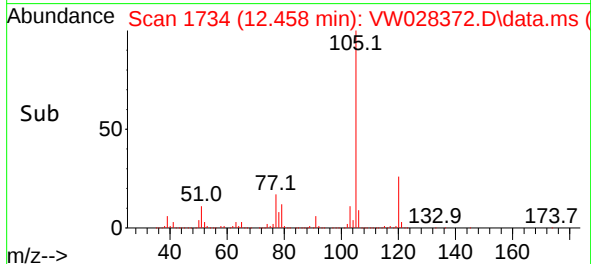
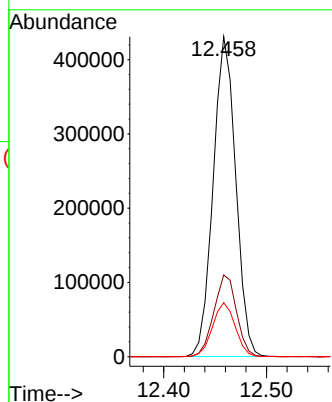
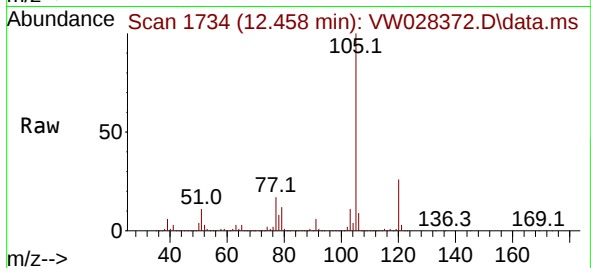
Tgt Ion:105 Resp: 656083

Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

77 17.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 20.558 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

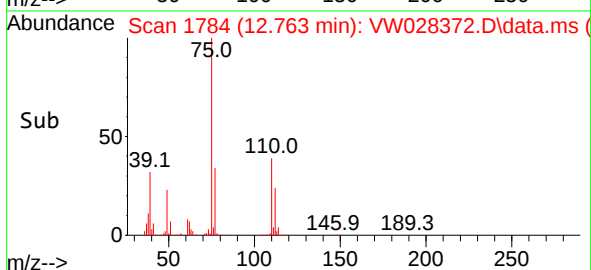
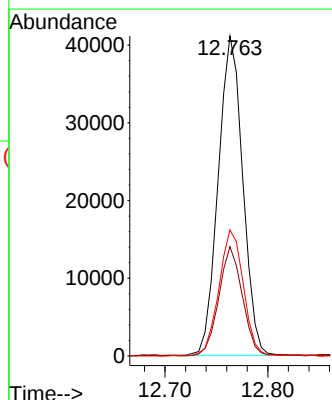
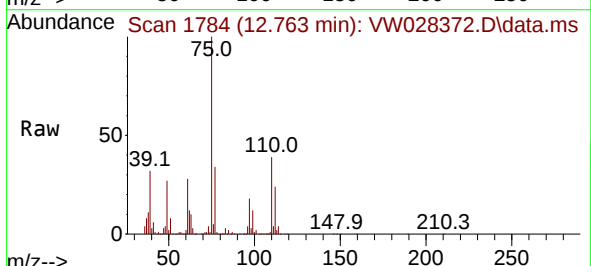
Tgt Ion: 75 Resp: 68028

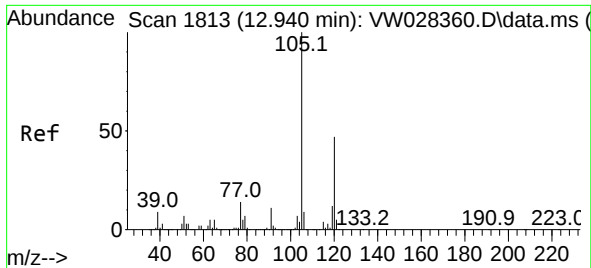
Ion Ratio Lower Upper

75 100

77 32.3 26.1 39.1

110 39.4 30.6 46.0

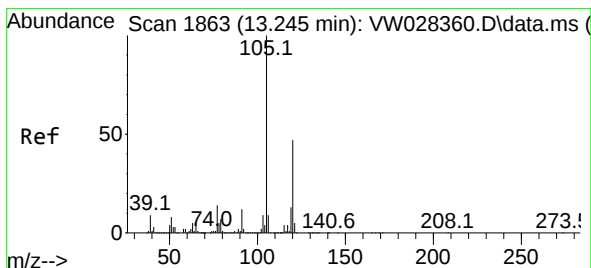
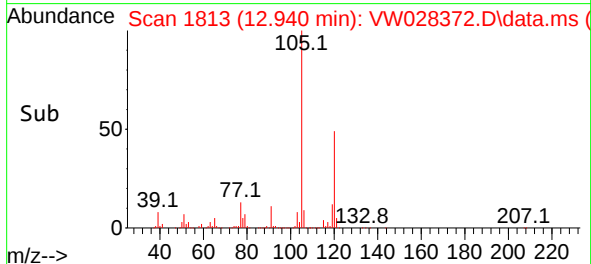
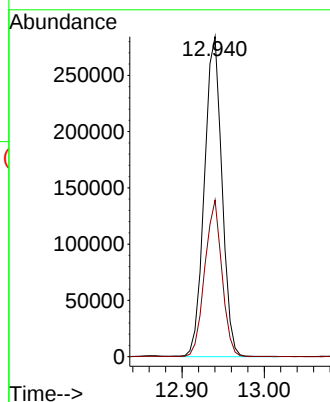
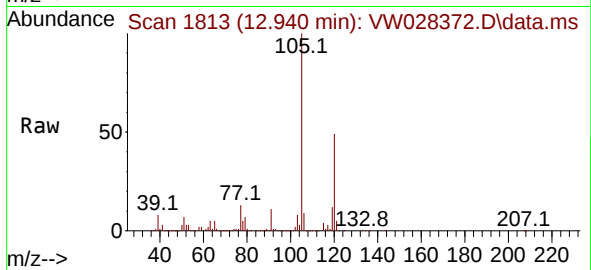




#62
1,3,5-Trimethylbenzene
Concen: 24.409 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

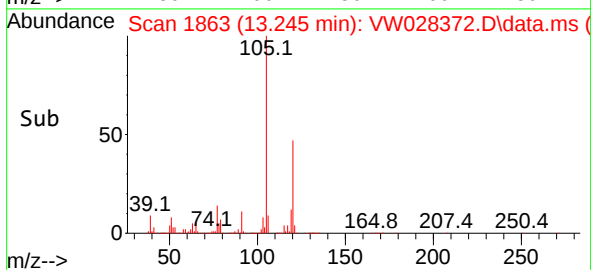
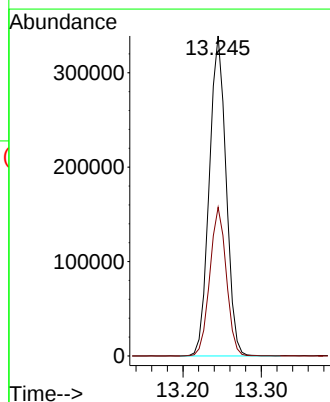
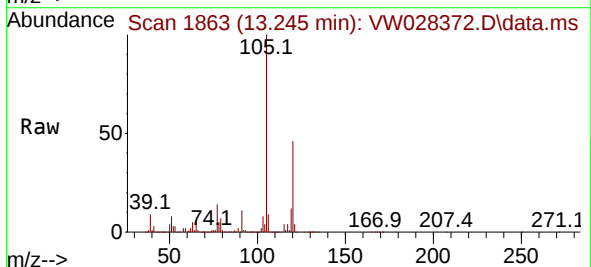
Instrument :
MSVOA_W
ClientSampleId :
E1CY1MSD

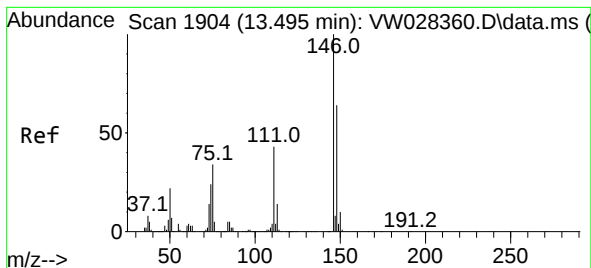
Tgt Ion:105 Resp: 422145
Ion Ratio Lower Upper
105 100
120 47.7 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 24.257 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028372.D
Acq: 09 Apr 2024 18:39

Tgt Ion:105 Resp: 504870
Ion Ratio Lower Upper
105 100
120 45.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 21.488 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

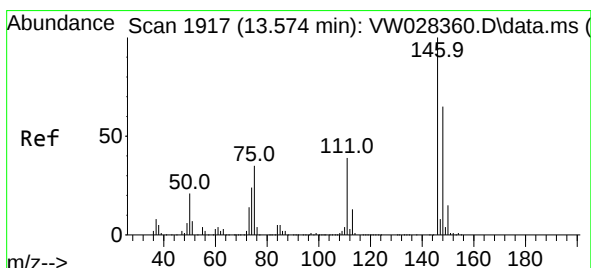
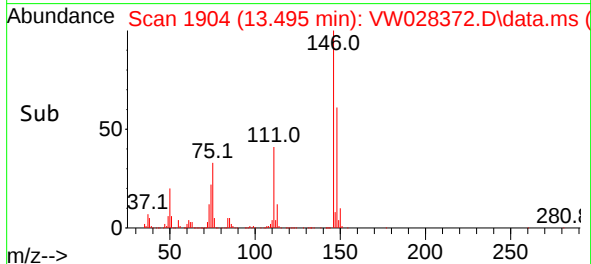
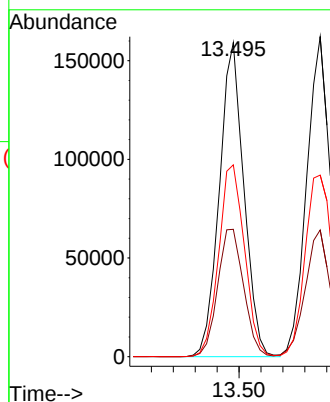
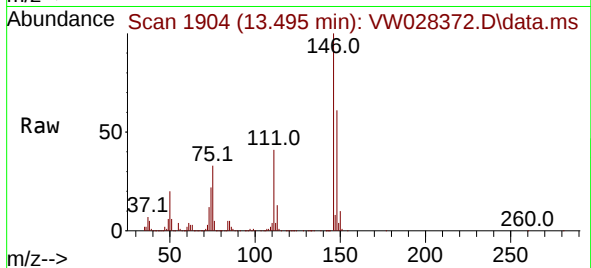
Tgt Ion:146 Resp: 247395

Ion Ratio Lower Upper

146 100

111 40.6 29.8 55.3

148 61.1 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 21.176 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

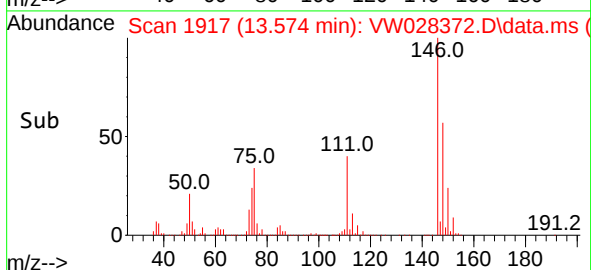
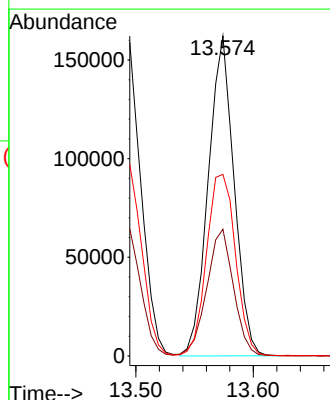
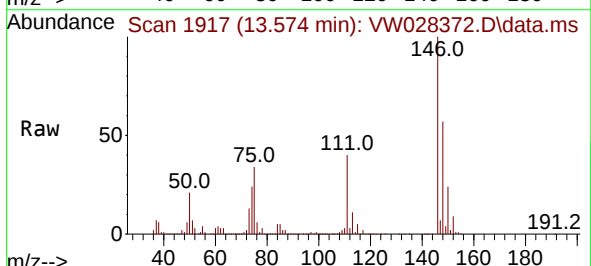
Tgt Ion:146 Resp: 248003

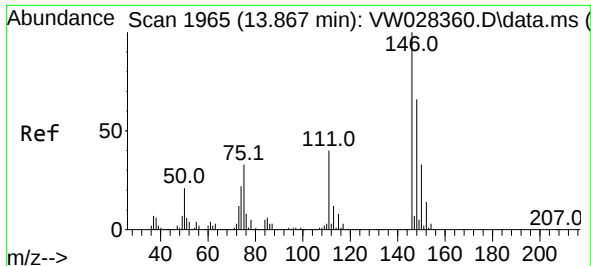
Ion Ratio Lower Upper

146 100

111 39.6 30.3 56.3

148 56.8 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 21.778 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

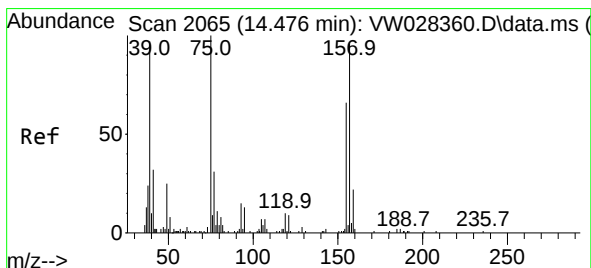
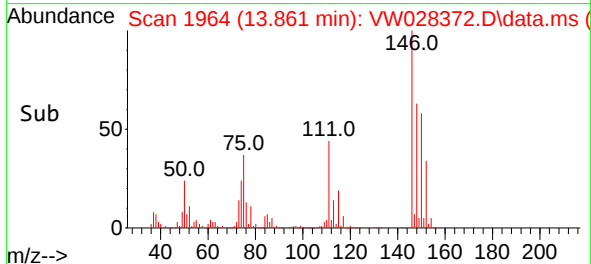
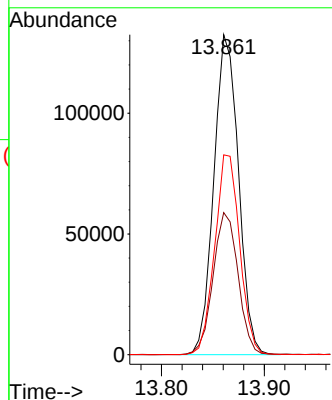
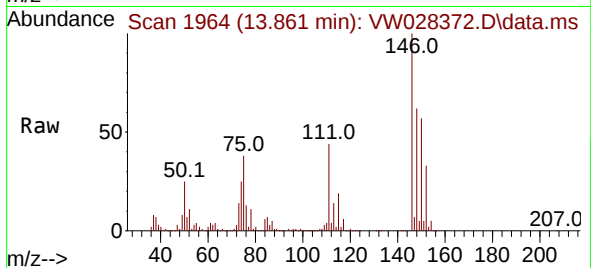
Tgt Ion:146 Resp: 220549

Ion Ratio Lower Upper

146 100

111 44.4 31.4 47.2

148 62.4 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 19.163 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

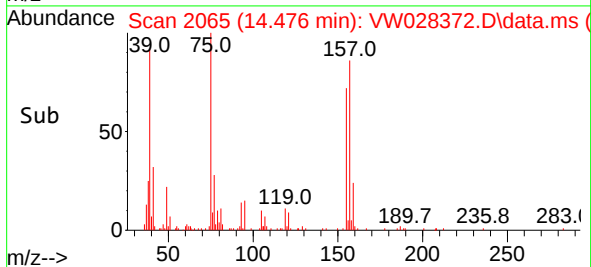
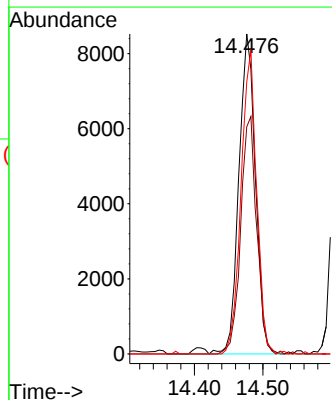
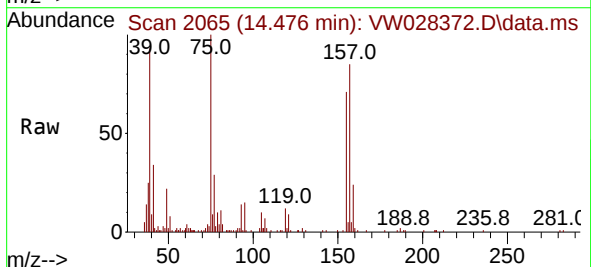
Tgt Ion: 75 Resp: 14531

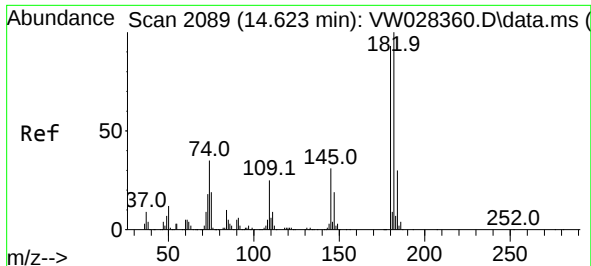
Ion Ratio Lower Upper

75 100

155 71.0 61.2 91.8

157 85.0 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 19.549 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

Tgt Ion:180 Resp: 154878

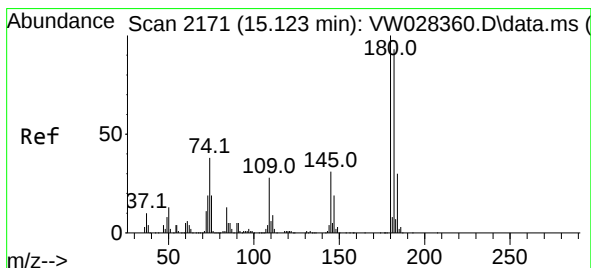
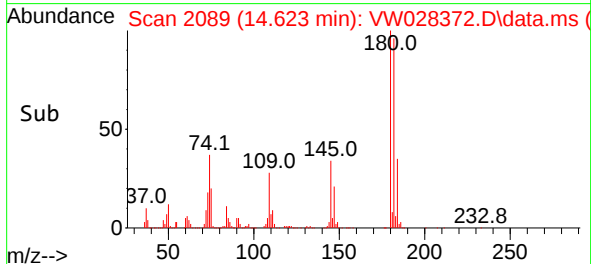
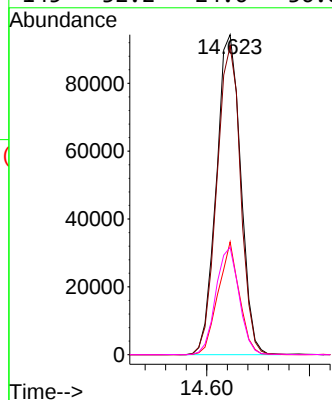
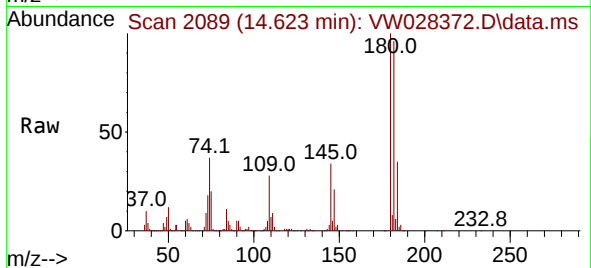
Ion Ratio Lower Upper

180 100

182 94.2 77.4 116.0

184 30.8 24.8 37.2

145 32.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 19.010 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

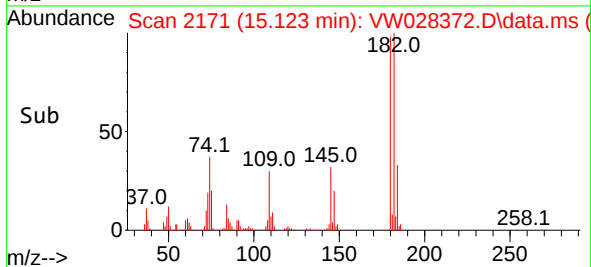
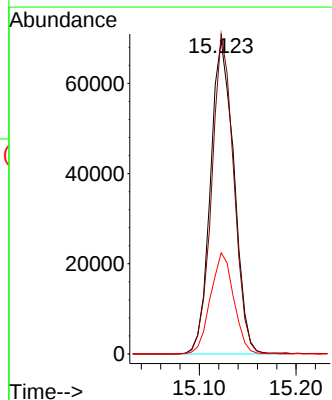
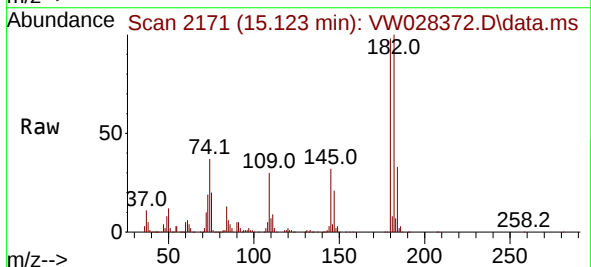
Tgt Ion:180 Resp: 117610

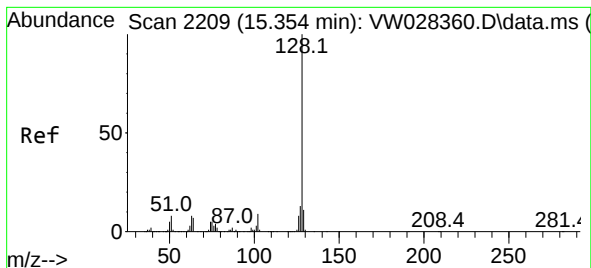
Ion Ratio Lower Upper

180 100

182 95.6 71.5 107.3

145 31.9 23.5 35.3





#71

Naphthalene

Concen: 20.282 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Instrument :

MSVOA_W

ClientSampleId :

E1CY1MSD

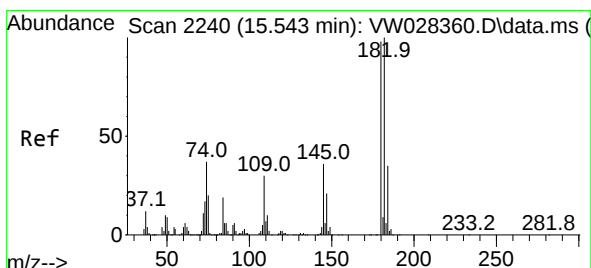
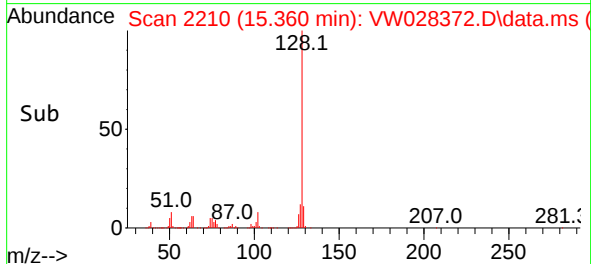
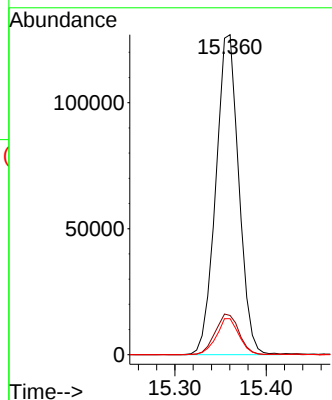
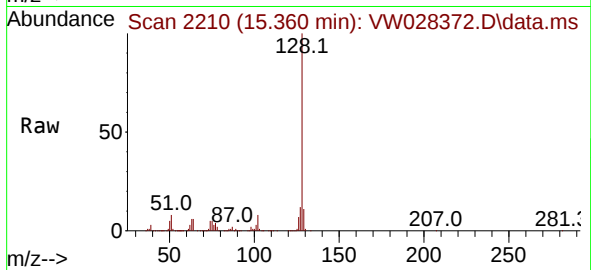
Tgt Ion:128 Resp: 222081

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.2 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 18.200 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW028372.D

Acq: 09 Apr 2024 18:39

Tgt Ion:180 Resp: 99918

Ion Ratio Lower Upper

180 100

182 96.6 75.7 113.5

145 33.2 26.2 39.4

