

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060923\
 Data File : VW026170.D
 Acq On : 09 Jun 2023 15:01
 Operator : SY/MD
 Sample : 03078-16MSD
 Misc : 5.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQY0MSD

Quant Time: Jun 09 22:56:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 22:52:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1119770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	912072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	378708	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	311114	19.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.000%
7) Chloroethane-d5	2.899	69	271958	23.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	4.021	65	153408	19.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.000%
21) 2-Butanone-d5	7.075	46	199844	43.575	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.160%
24) Chloroform-d	7.648	84	671948	20.492	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.960%
26) 1,2-Dichloroethane-d4	8.307	65	363202	20.256	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.040%
32) Benzene-d6	8.276	84	1302024	21.215	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.270	67	411527	21.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.680%
41) Toluene-d8	10.318	98	1108002	20.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.575	79	151218	19.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.520%
47) 2-Hexanone-d5	10.922	63	139152	45.389	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	295177	20.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	290015	20.007	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	274120	19.969	ug/L	95
3) Chloromethane	2.222	50	380540	21.620	ug/L	96
5) Vinyl chloride	2.375	62	420033	22.326	ug/L	99
6) Bromomethane	2.789	94	220720	21.520	ug/L	96
8) Chloroethane	2.930	64	246097	24.206	ug/L	97
9) Trichlorofluoromethane	3.265	101	297315	24.564	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	311672	20.407	ug/L	94
12) 1,1-Dichloroethene	4.039	96	298460	20.934	ug/L	99
13) Acetone	4.118	43	218418	61.549	ug/L	98
14) Carbon disulfide	4.387	76	962076	19.116	ug/L	100
15) Methyl Acetate	4.667	43	151807	19.061	ug/L	99
16) Methylene chloride	4.917	84	322006	18.017	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	317529	19.850	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	508724	20.179	ug/L	99
19) 1,1-Dichloroethane	6.216	63	661869	20.324	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	381114	22.493	ug/L	99
22) 2-Butanone	7.167	43	253859	50.149	ug/L	98
23) Bromochloromethane	7.514	128	138019	19.100	ug/L	93
25) Chloroform	7.679	83	616695	20.332	ug/L	97

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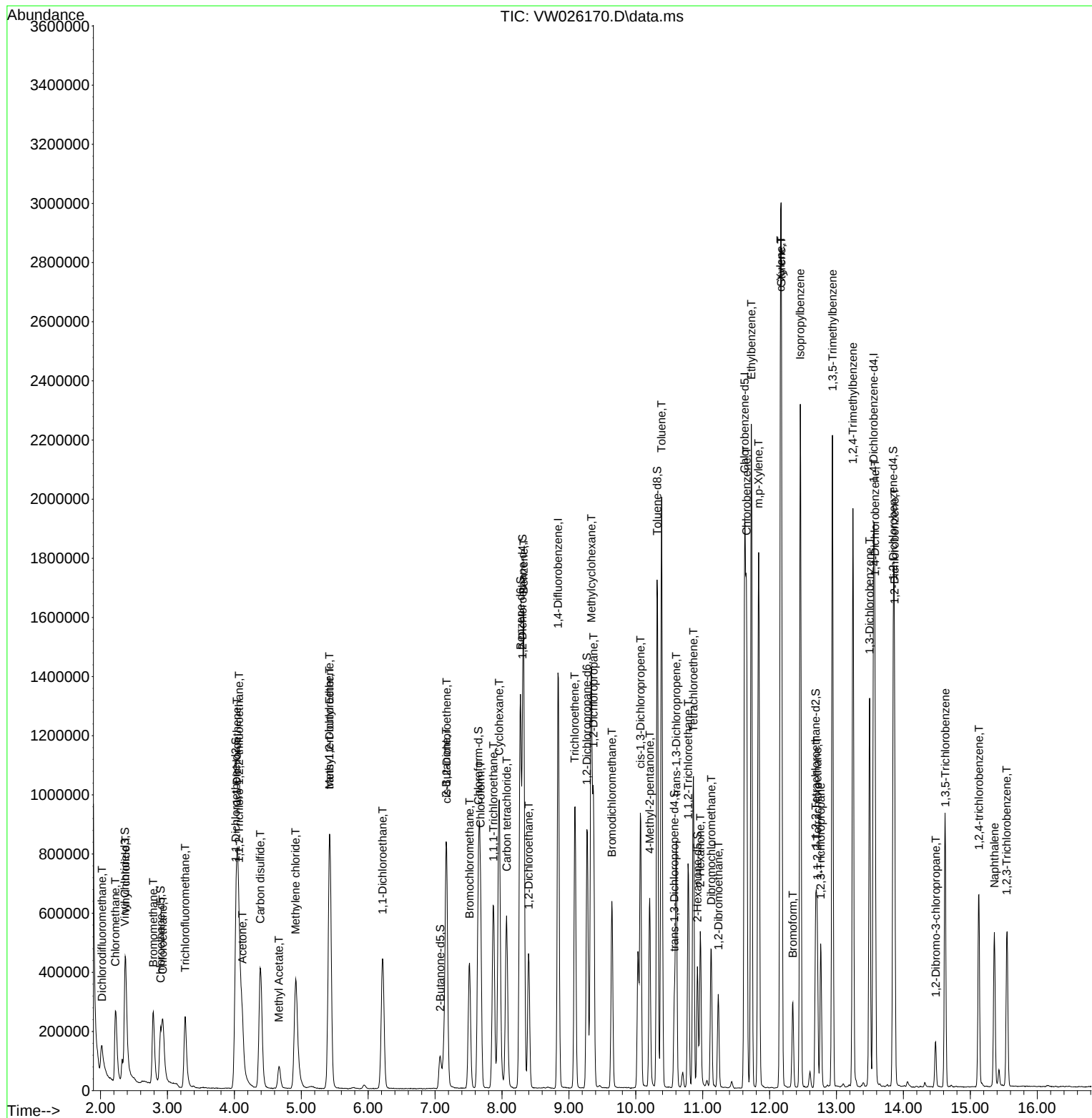
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	417279	19.947	ug/L	96
29) Cyclohexane	7.959	56	594332	21.107	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	508649	22.981	ug/L	100
31) Carbon tetrachloride	8.069	117	432917	21.434	ug/L	99
33) Benzene	8.325	78	1343883	21.509	ug/L	100
34) Trichloroethene	9.087	95	337906	21.121	ug/L	97
35) Methylcyclohexane	9.337	83	547501	19.340	ug/L	100
37) 1,2-Dichloropropane	9.367	63	352740	20.844	ug/L	100
38) Bromodichloromethane	9.642	83	416339	21.176	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	535503	21.533	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	446608	44.763	ug/L	99
42) Toluene	10.386	91	1365101	21.361	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	433359	20.917	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	226282	20.288	ug/L	99
46) Tetrachloroethene	10.861	164	222632	19.674	ug/L	94
48) 2-Hexanone	10.965	43	345881	49.166	ug/L	98
49) Dibromochloromethane	11.129	129	239624	20.492	ug/L	97
50) 1,2-Dibromoethane	11.233	107	205204	19.870	ug/L	94
51) Chlorobenzene	11.654	112	786789	19.647	ug/L	99
52) Ethylbenzene	11.727	91	1506282	20.895	ug/L	99
53) m,p-Xylene	11.836	106	545710	20.349	ug/L	100
54) o-Xylene	12.166	106	527595	20.844	ug/L	99
55) Styrene	12.178	104	854197	19.671	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	261993	19.410	ug/L	95
59) Bromoform	12.349	173	123611	21.732	ug/L	100
60) Isopropylbenzene	12.458	105	1413946	23.767	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	194956	22.982	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1127191	23.834	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1007570	23.261	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	472925	18.906	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	495672	19.682	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	424963	18.919	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	40758	20.738	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	249987	14.549	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	197799	13.951	ug/L	95
71) Naphthalene	15.360	128	423627	16.764	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	157164	12.683	ug/L	95

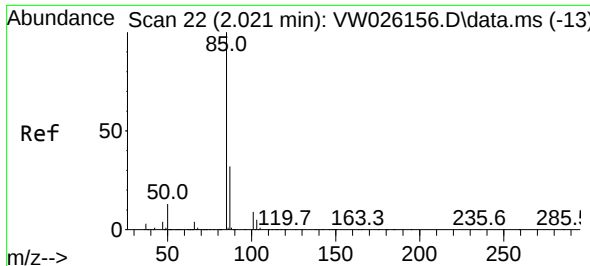
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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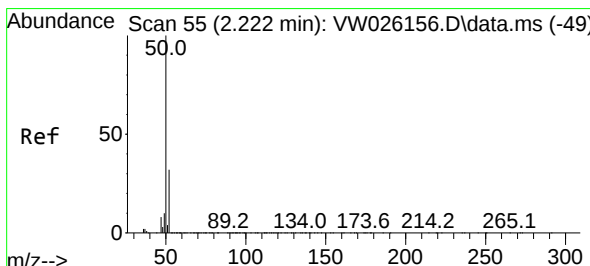
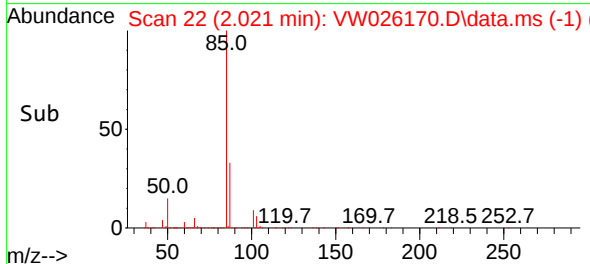
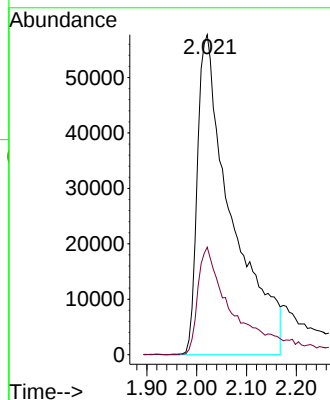
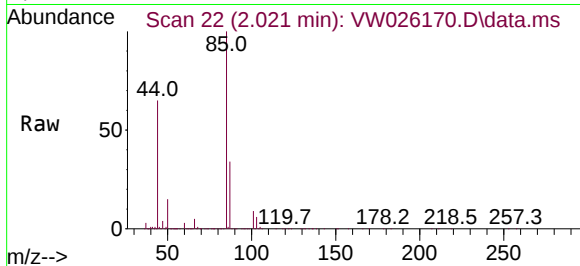




#2
 Dichlorodifluoromethane
 Concen: 19.969 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026170.D
 Acq: 09 Jun 2023 15:01

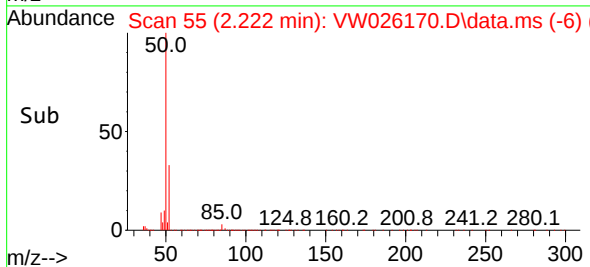
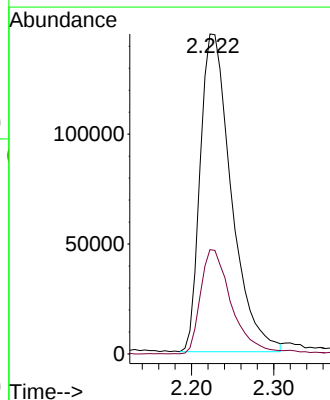
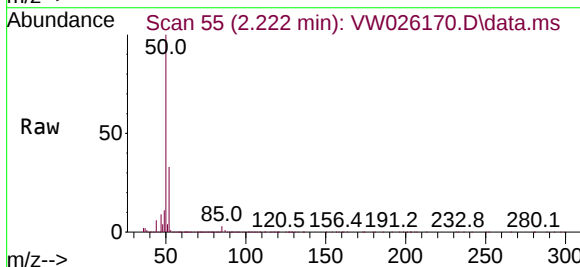
Instrument :
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 ClientSampleId :
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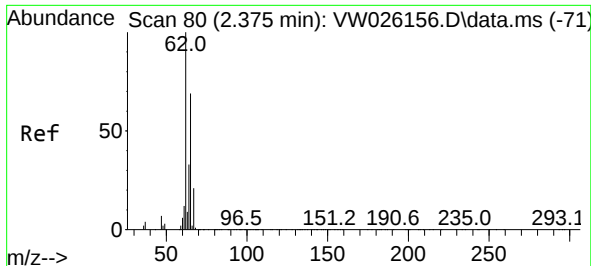
Tgt Ion: 85 Resp: 274120
 Ion Ratio Lower Upper
 85 100
 87 25.3 22.2 33.2



#3
 Chloromethane
 Concen: 21.620 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026170.D
 Acq: 09 Jun 2023 15:01

Tgt Ion: 50 Resp: 380540
 Ion Ratio Lower Upper
 50 100
 52 32.6 21.3 39.6

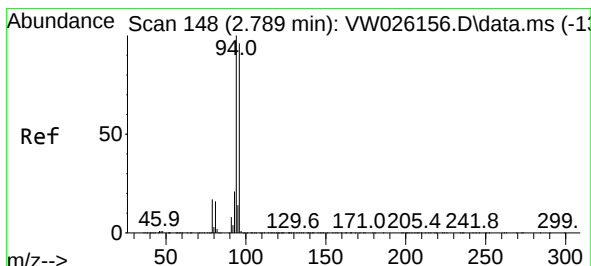
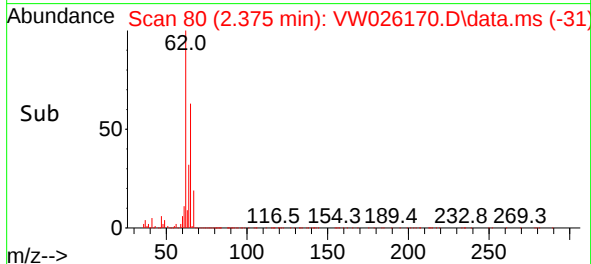
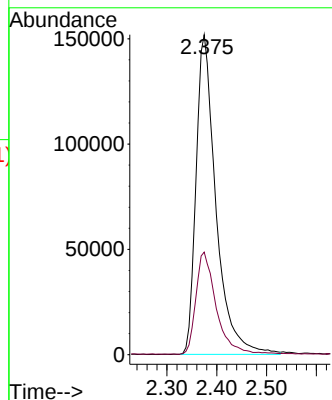
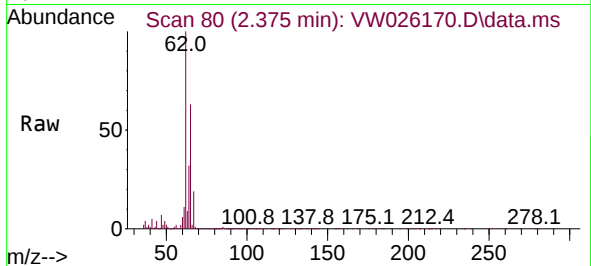




#5
 Vinyl chloride
 Concen: 22.326 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026170.D
 Acq: 09 Jun 2023 15:01

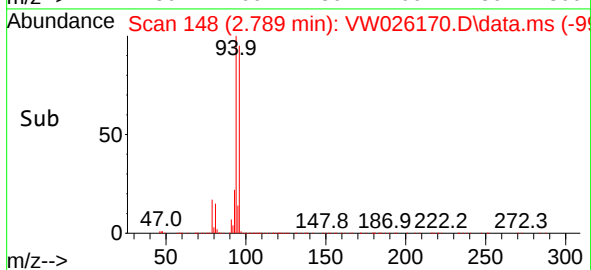
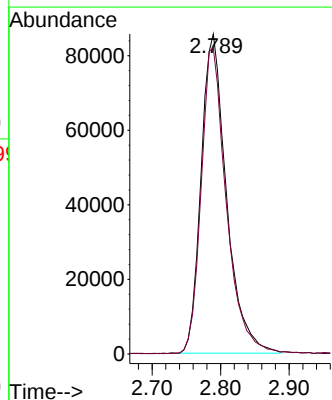
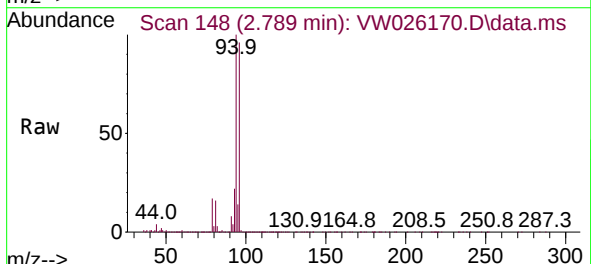
Instrument :
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 ClientSampleId :
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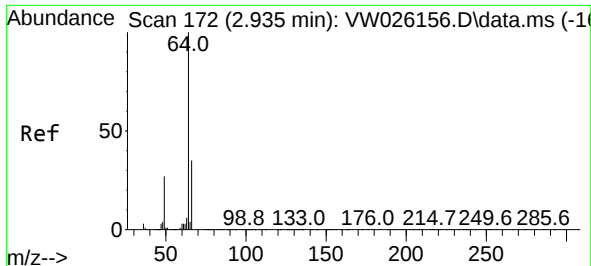
Tgt Ion: 62 Resp: 420033
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.7 42.1



#6
 Bromomethane
 Concen: 21.520 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026170.D
 Acq: 09 Jun 2023 15:01

Tgt Ion: 94 Resp: 220720
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.2 119.2

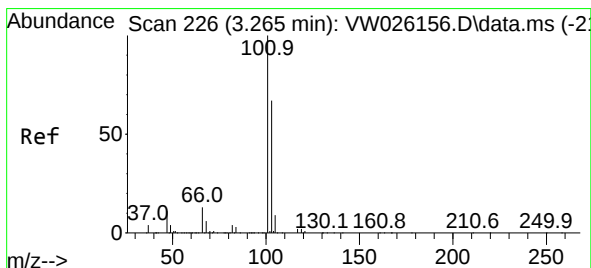
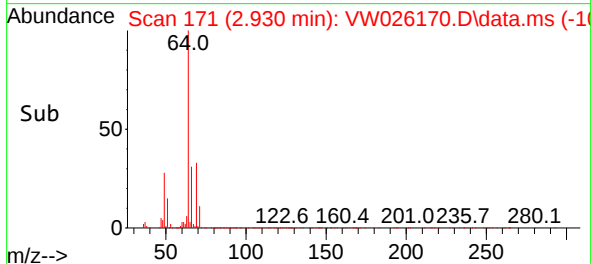
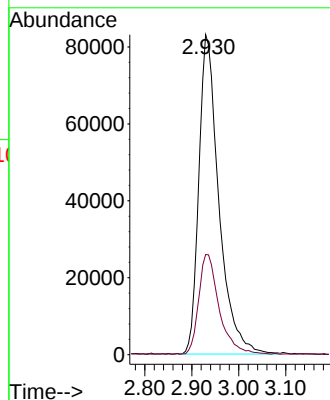
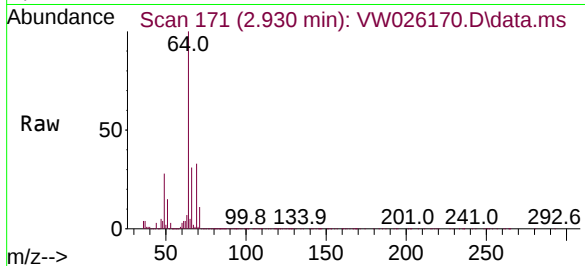




#8
Chloroethane
Concen: 24.206 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

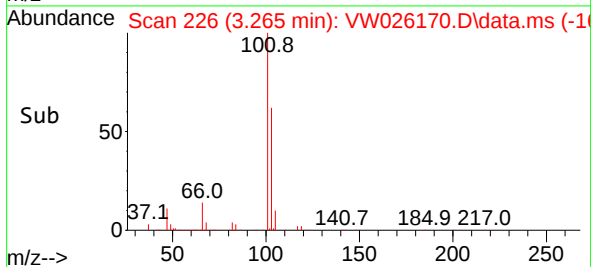
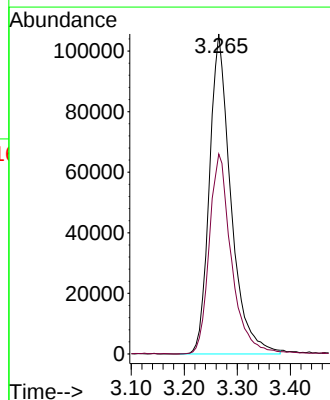
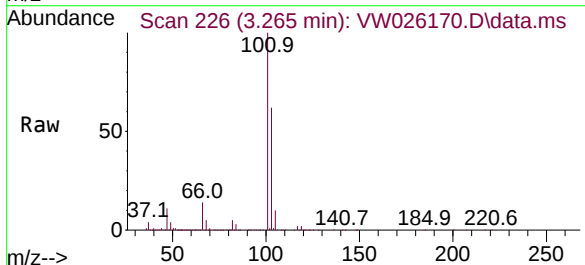
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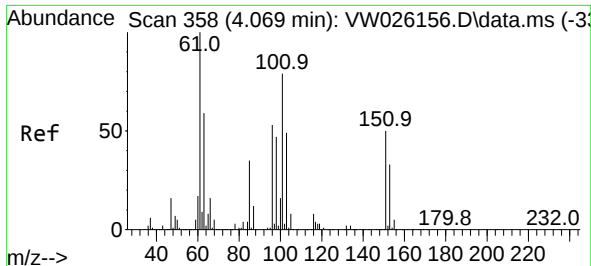
Tgt Ion: 64 Resp: 246097
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 24.564 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 101 Resp: 297315
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.407 ug/L

RT: 4.070 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MSD

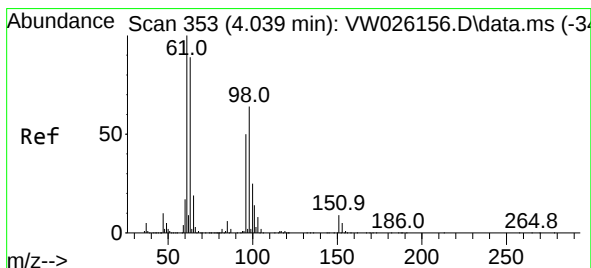
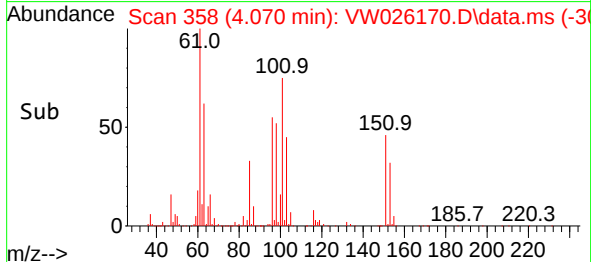
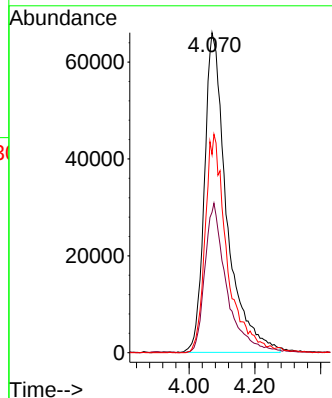
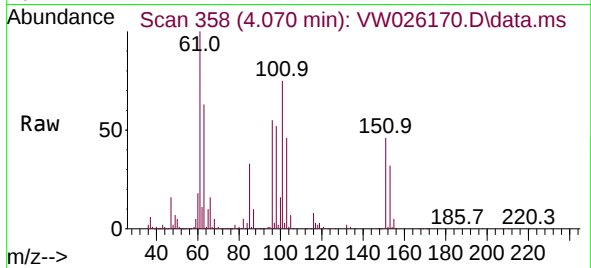
Tgt Ion:101 Resp: 311672

Ion Ratio Lower Upper

101 100

85 45.5 36.1 54.1

151 61.0 55.1 82.7



#12

1,1-Dichloroethene

Concen: 20.934 ug/L

RT: 4.039 min Scan# 353

Delta R.T. 0.000 min

Lab File: VW026170.D

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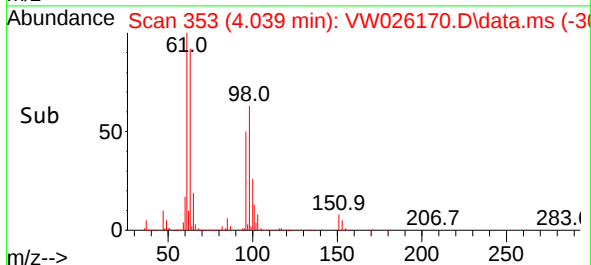
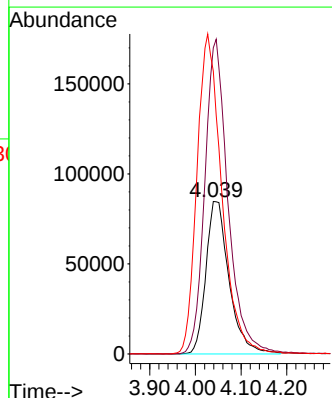
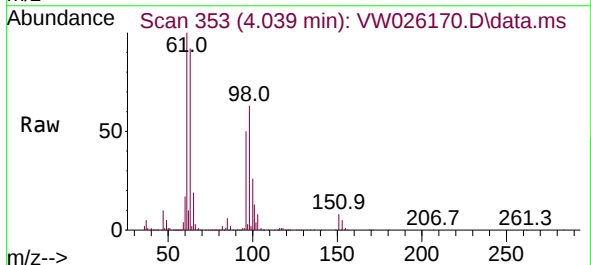
Tgt Ion: 96 Resp: 298460

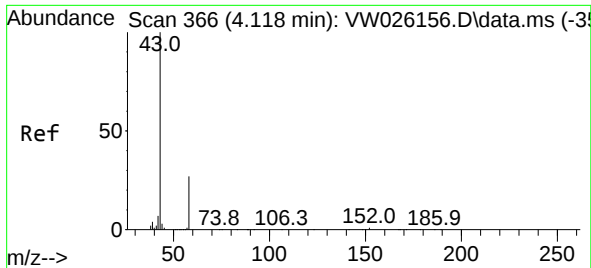
Ion Ratio Lower Upper

96 100

61 200.7 140.6 261.0

63 185.3 131.7 244.5

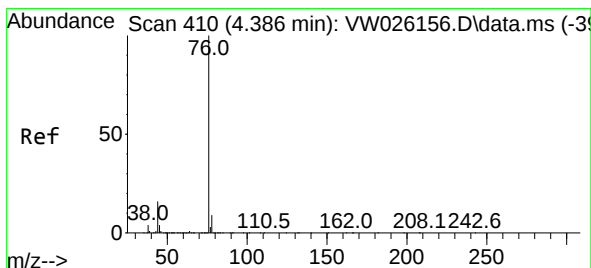
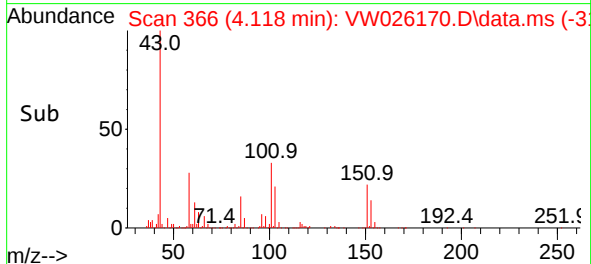
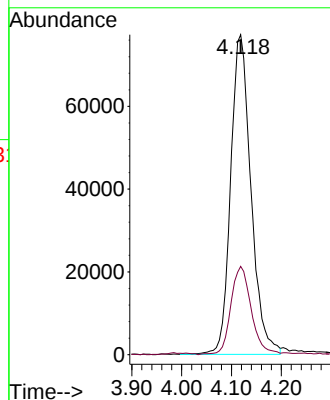
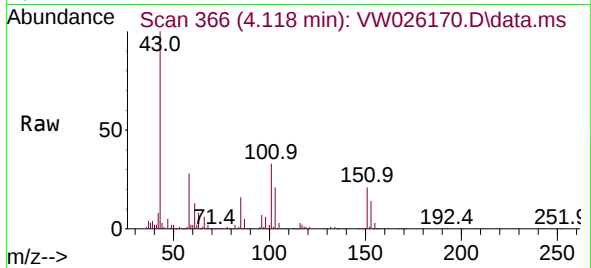




#13
Acetone
Concen: 61.549 ug/L
RT: 4.118 min Scan# 301
Delta R.T. 0.000 min
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Acq: 09 Jun 2023 15:01

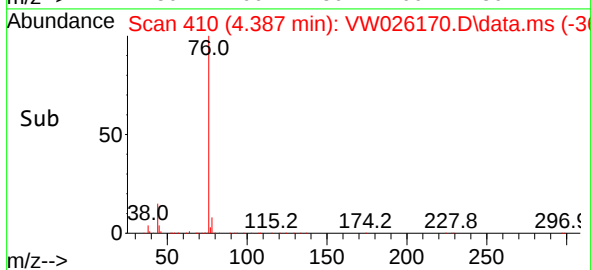
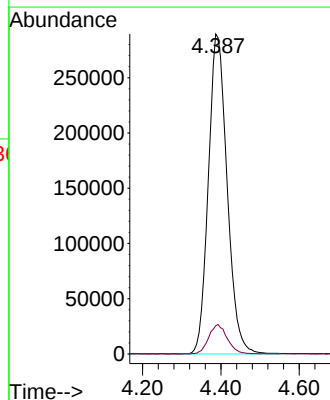
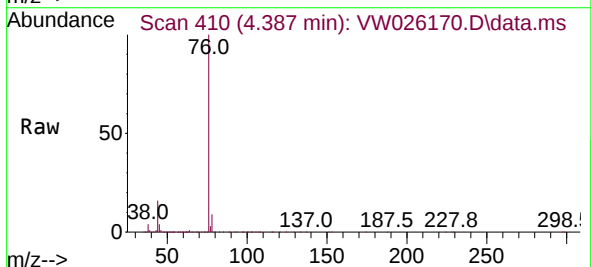
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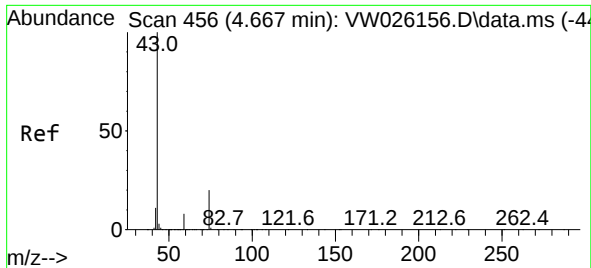
Tgt Ion: 43 Resp: 218418
Ion Ratio Lower Upper
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58 27.8 0.0 58.2



#14
Carbon disulfide
Concen: 19.116 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 76 Resp: 962076
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

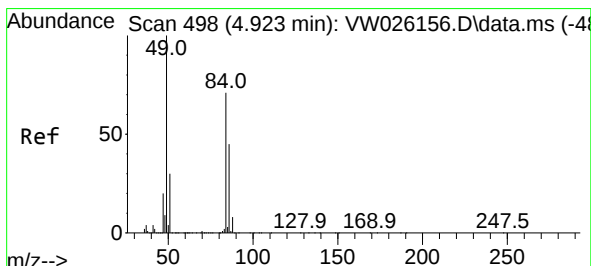
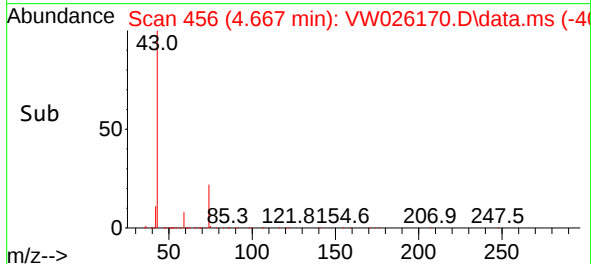
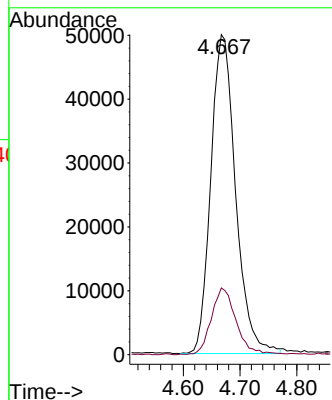
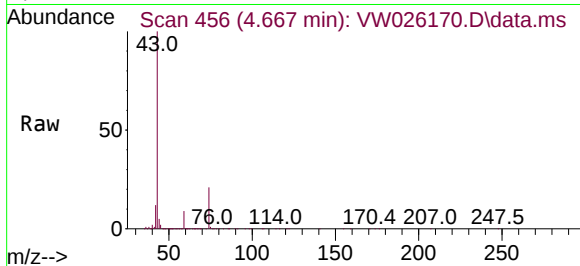




#15
Methyl Acetate
Concen: 19.061 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

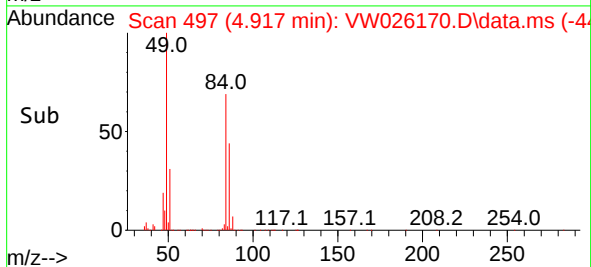
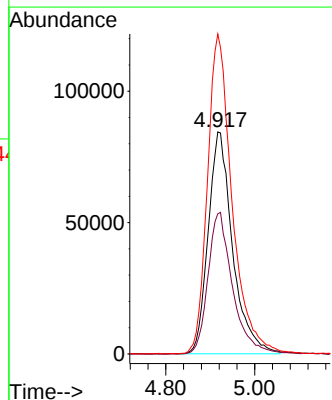
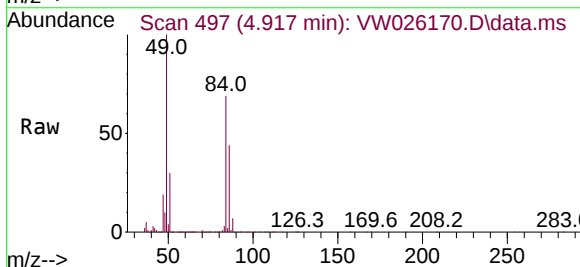
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

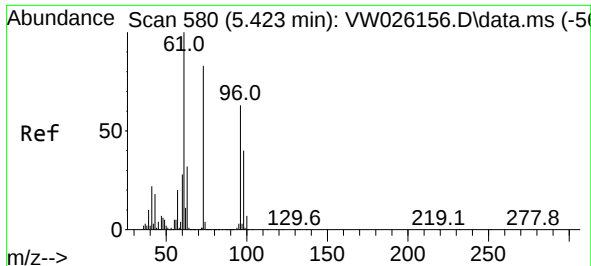
Tgt Ion: 43 Resp: 151807
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0



#16
Methylene chloride
Concen: 18.017 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 84 Resp: 322006
Ion Ratio Lower Upper
84 100
86 63.1 44.2 82.0
49 144.0 98.8 183.6

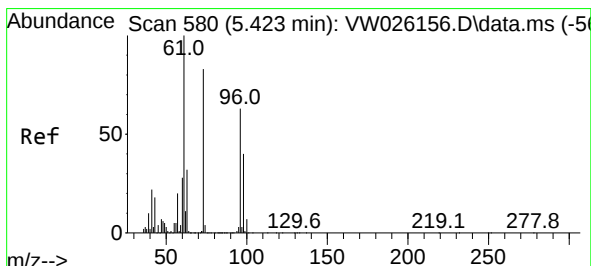
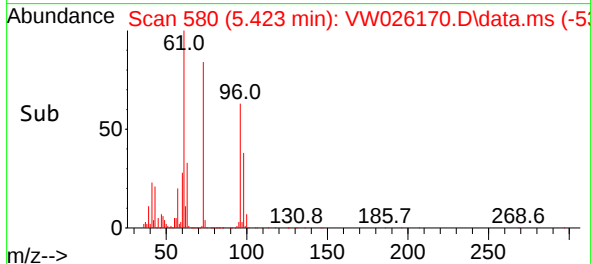
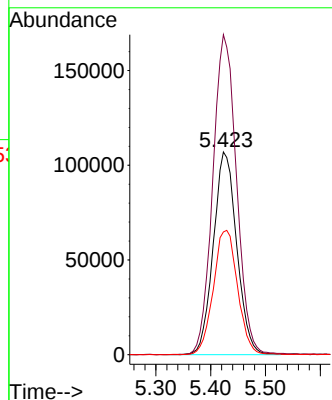
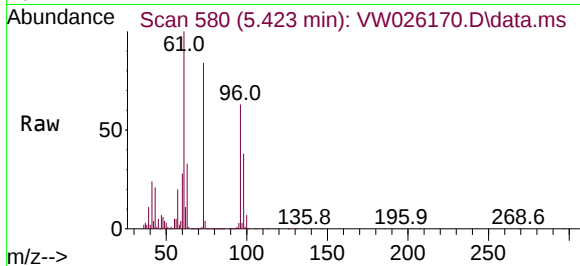




#17
trans-1,2-Dichloroethene
Concen: 19.850 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

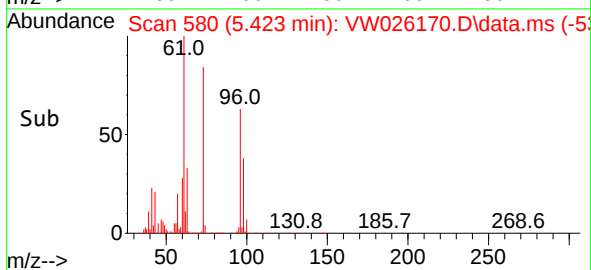
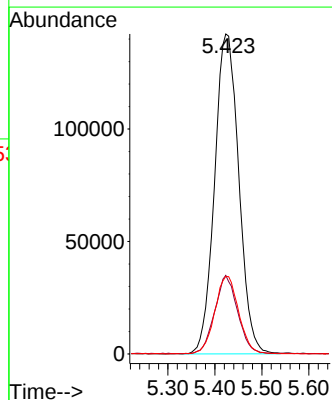
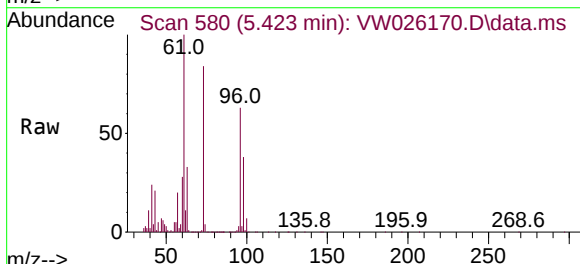
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

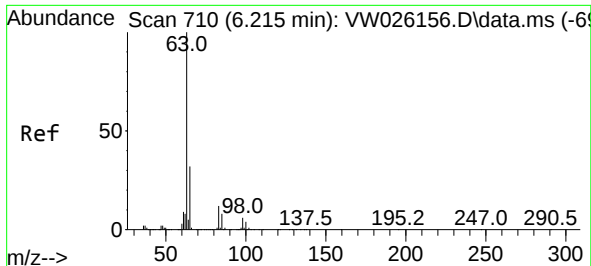
Tgt Ion: 96 Resp: 317529
Ion Ratio Lower Upper
96 100
61 157.8 113.0 209.8
98 60.6 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 20.179 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 73 Resp: 508724
Ion Ratio Lower Upper
73 100
43 23.0 17.8 26.6
57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 20.324 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MSD

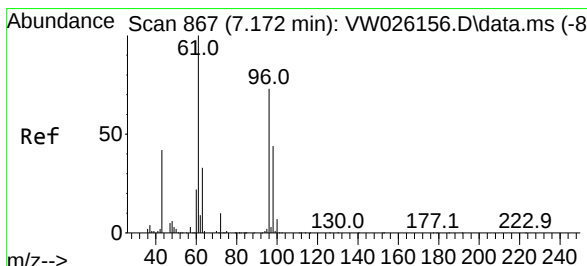
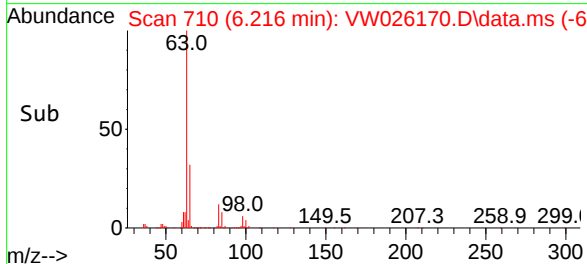
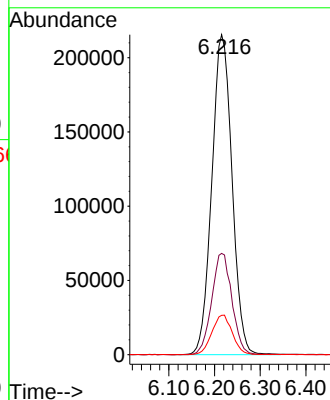
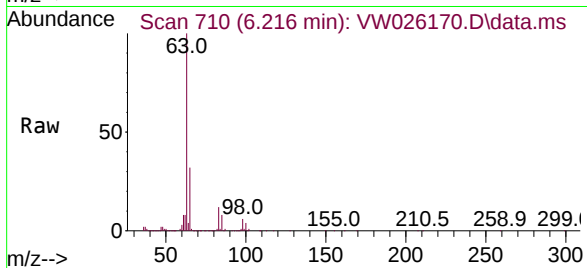
Tgt Ion: 63 Resp: 661869

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 12.3 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 22.493 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

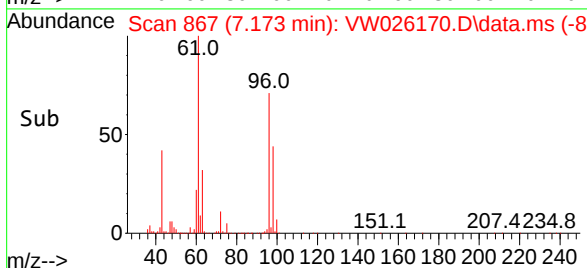
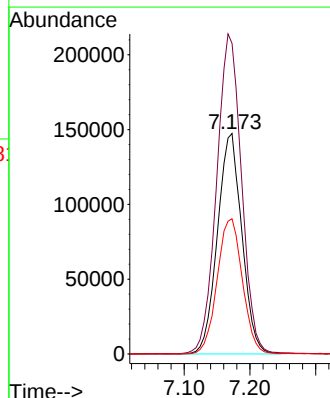
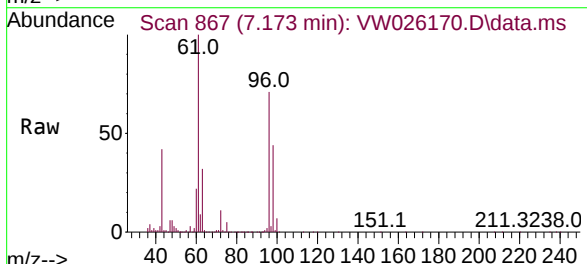
Tgt Ion: 96 Resp: 381114

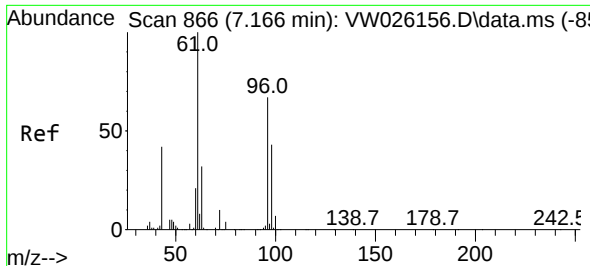
Ion Ratio Lower Upper

96 100

61 140.9 98.4 182.8

98 61.3 45.2 84.0

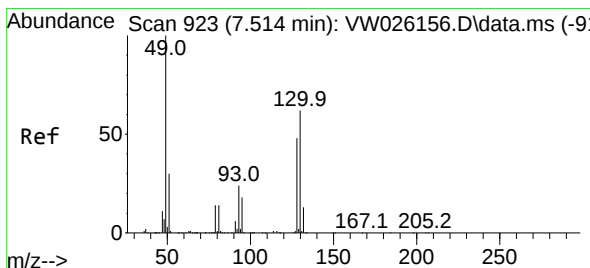
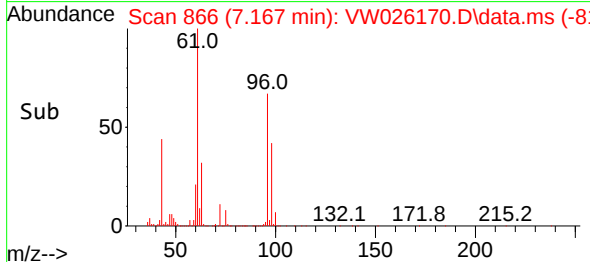
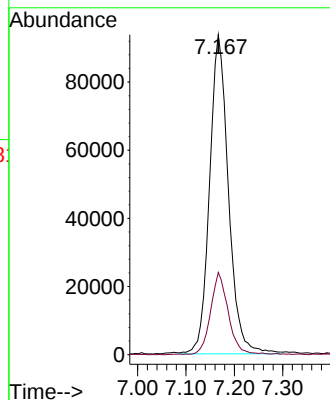
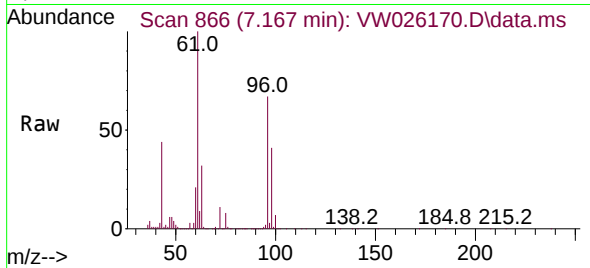




#22
2-Butanone
Concen: 50.149 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

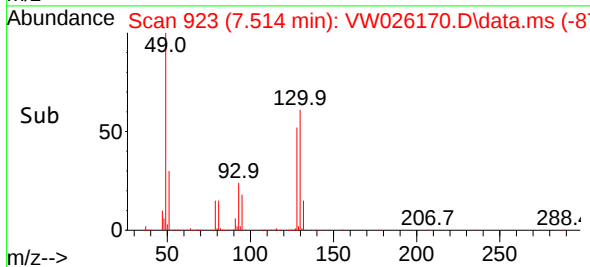
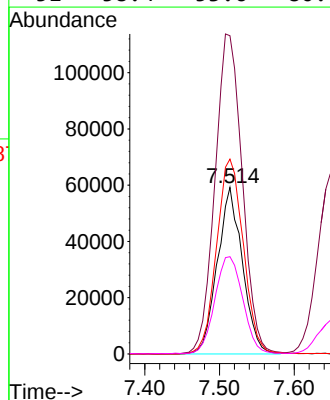
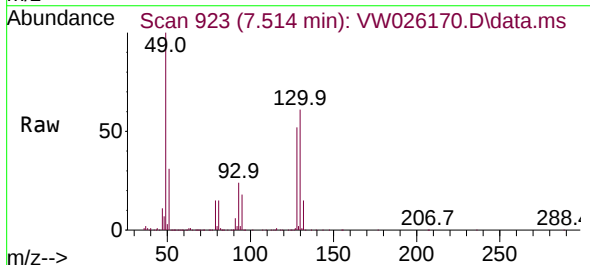
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

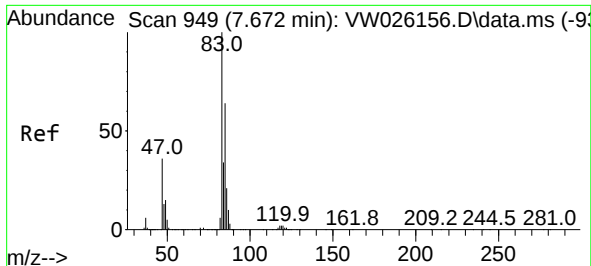
Tgt Ion: 43 Resp: 253859
Ion Ratio Lower Upper
43 100
72 23.9 12.4 37.4



#23
Bromochloromethane
Concen: 19.100 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion:128 Resp: 138019
Ion Ratio Lower Upper
128 100
49 191.1 140.6 261.0
130 117.1 86.0 159.6
51 58.4 53.6 80.4

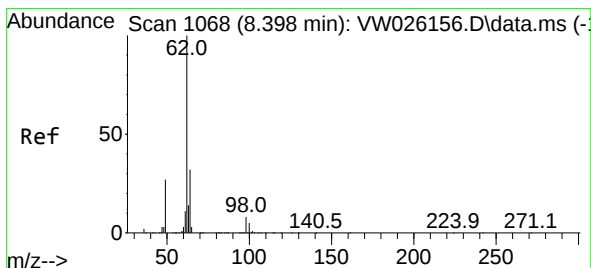
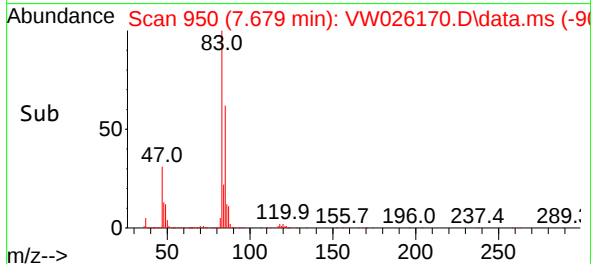
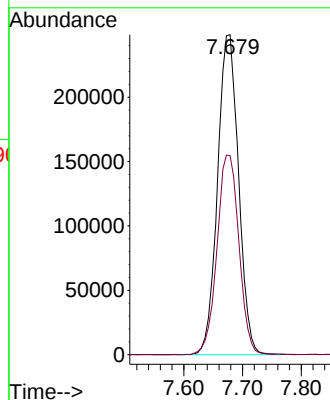
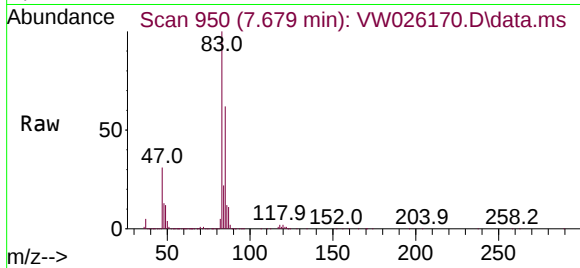




#25
Chloroform
Concen: 20.332 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

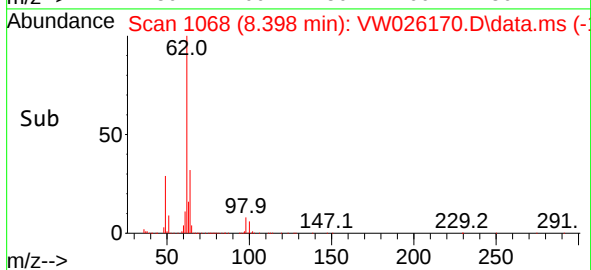
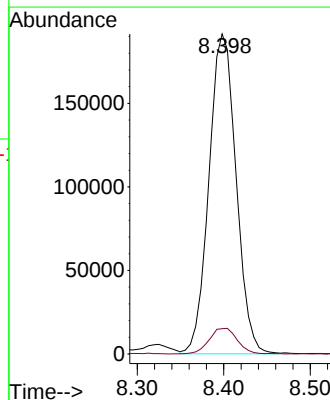
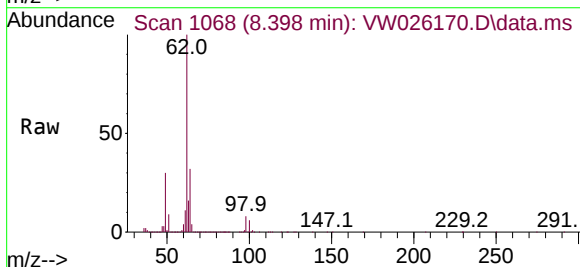
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

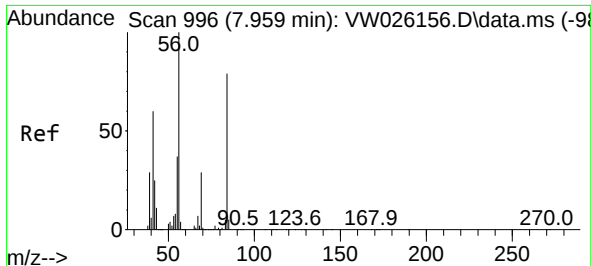
Tgt Ion: 83 Resp: 616695
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 19.947 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 62 Resp: 417279
Ion Ratio Lower Upper
62 100
98 7.9 7.4 11.2

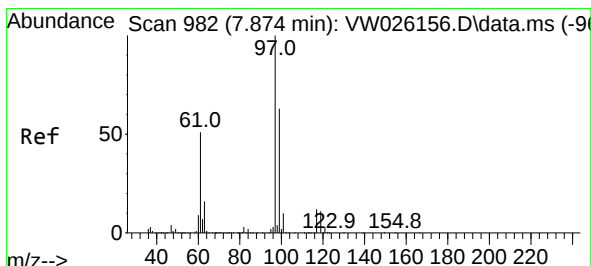
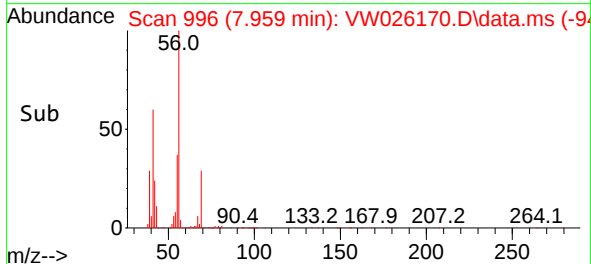
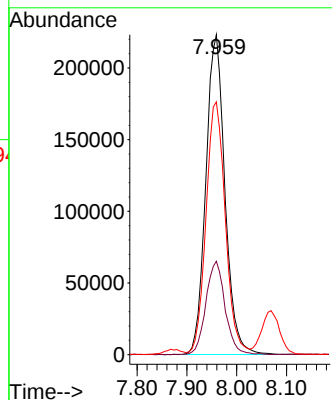
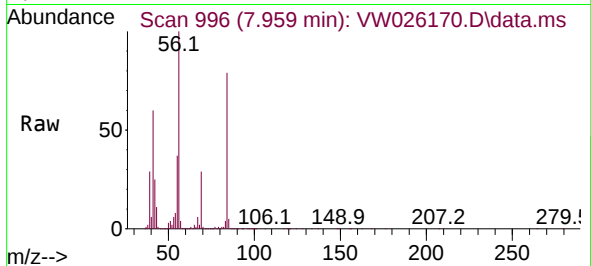




#29
Cyclohexane
Concen: 21.107 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

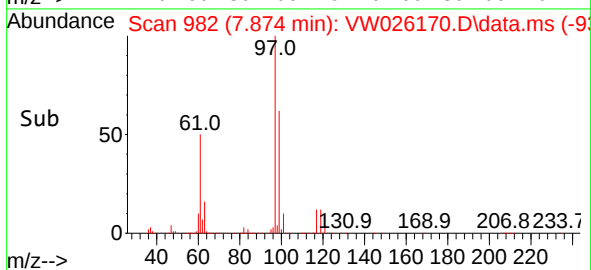
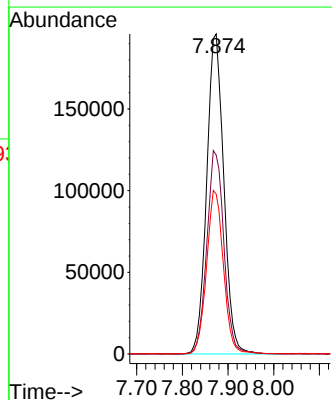
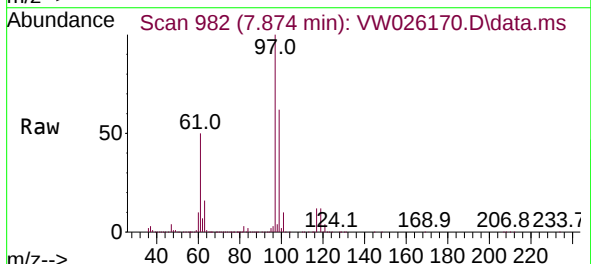
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

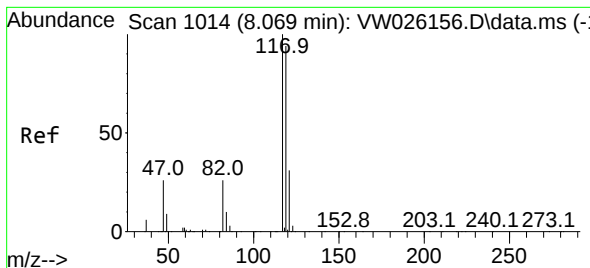
Tgt Ion: 56 Resp: 594332
Ion Ratio Lower Upper
56 100
69 29.1 23.3 34.9
84 80.0 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 22.981 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 97 Resp: 508649
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 50.6 40.5 60.7





#31

Carbon tetrachloride

Concen: 21.434 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

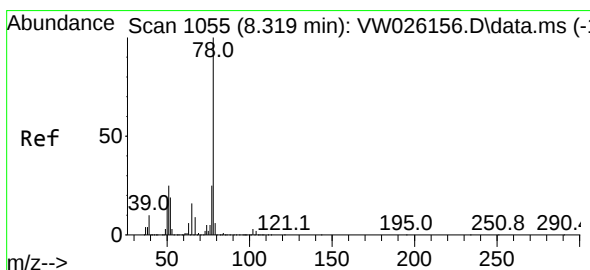
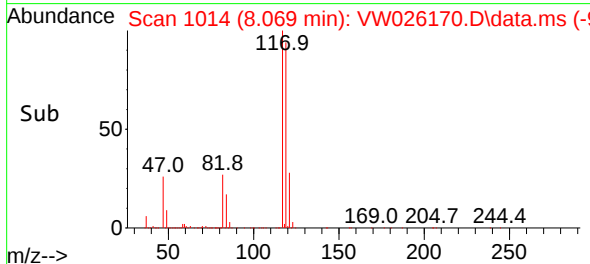
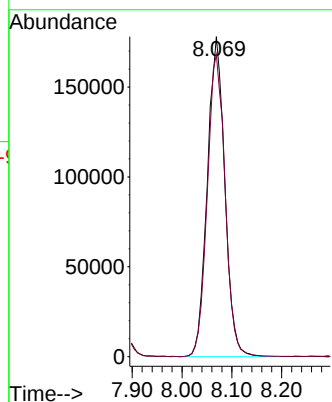
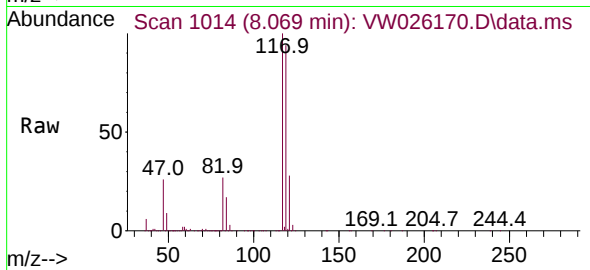
ESQY0MSD

Tgt Ion:117 Resp: 432917

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.2



#33

Benzene

Concen: 21.509 ug/L

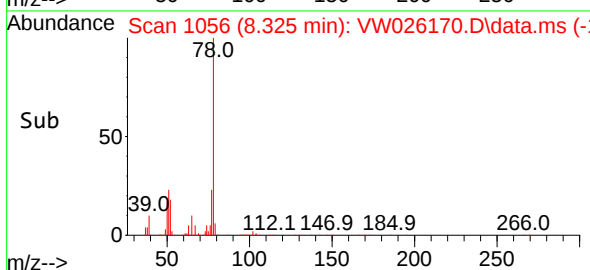
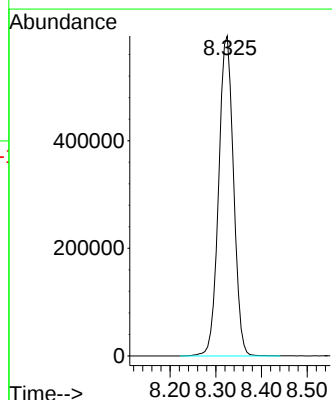
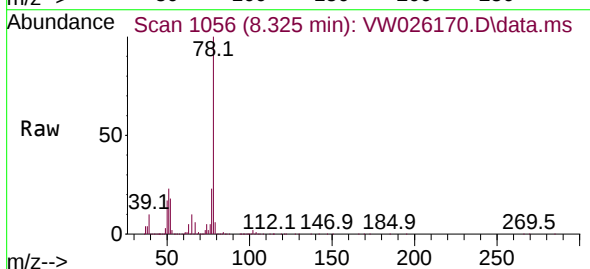
RT: 8.325 min Scan# 1056

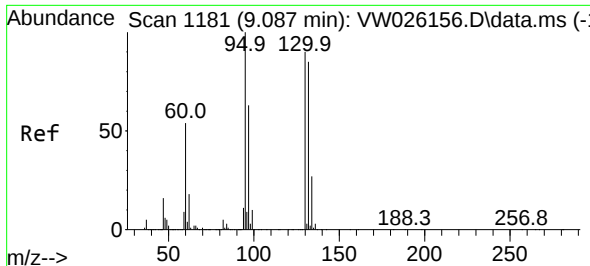
Delta R.T. 0.006 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Tgt Ion: 78 Resp: 1343883

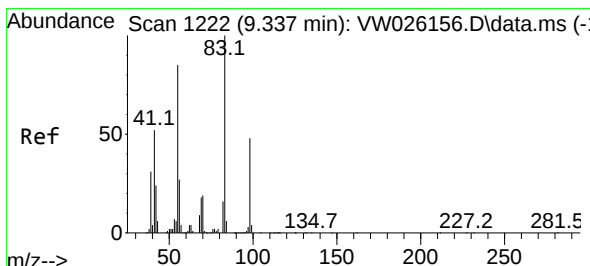
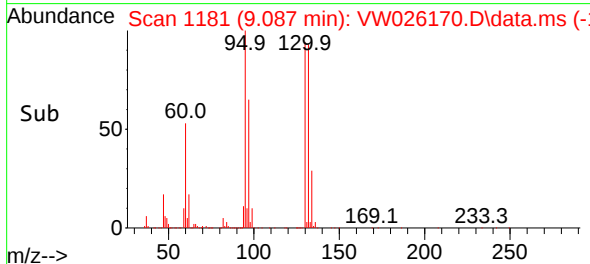
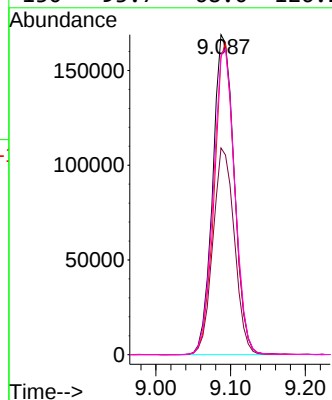
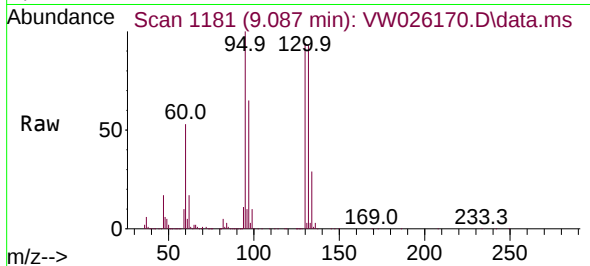




#34
Trichloroethene
Concen: 21.121 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

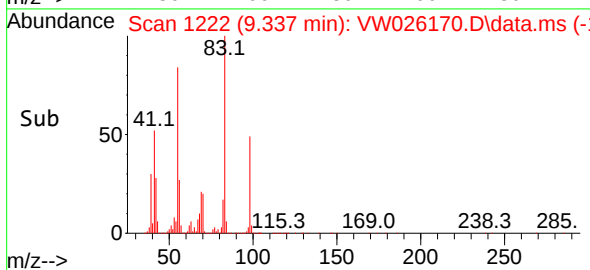
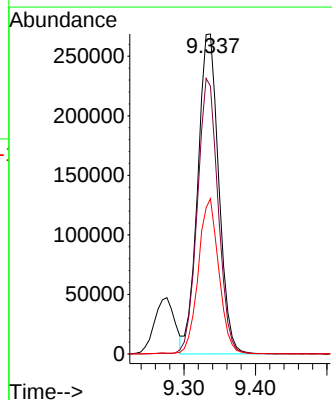
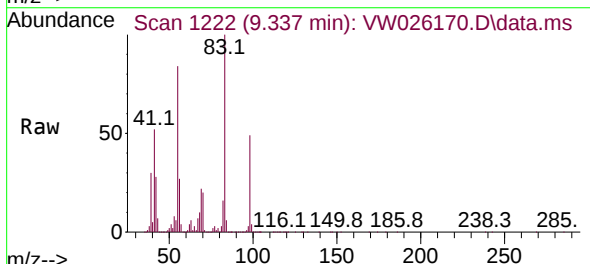
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

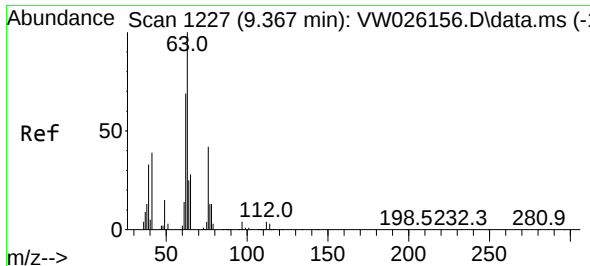
Tgt Ion: 95 Resp: 337906
Ion Ratio Lower Upper
95 100
97 64.6 45.9 85.3
132 92.9 67.1 124.7
130 93.7 68.0 126.2



#35
Methylcyclohexane
Concen: 19.340 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 83 Resp: 547501
Ion Ratio Lower Upper
83 100
55 84.9 68.2 102.4
98 47.4 38.1 57.1

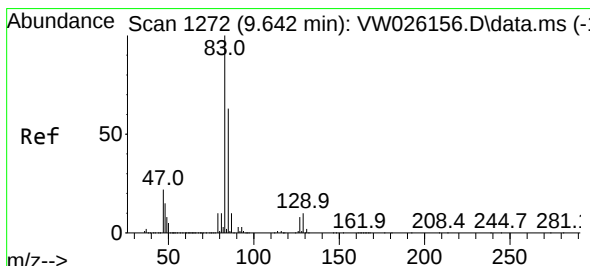
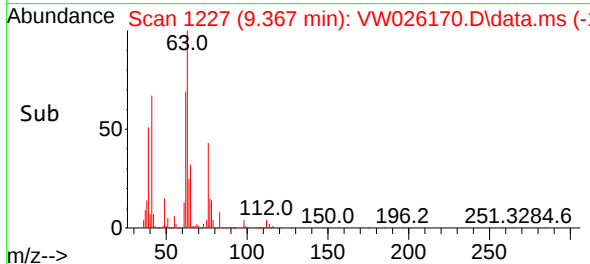
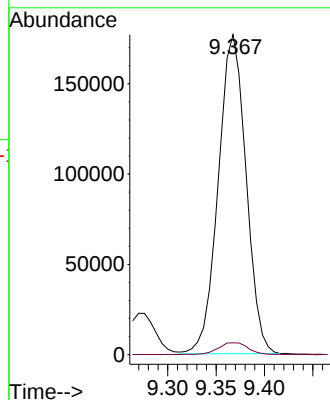
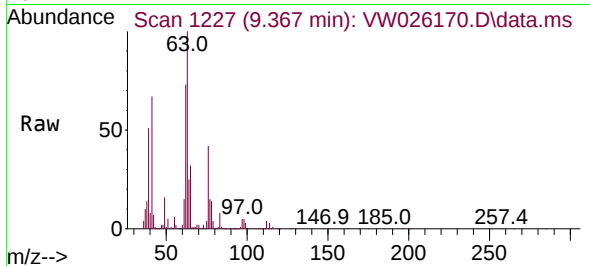




#37
1,2-Dichloropropane
Concen: 20.844 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

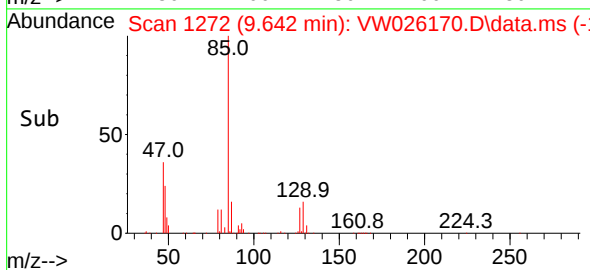
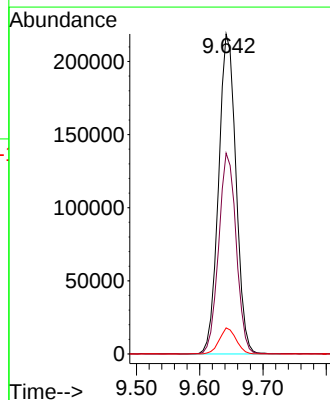
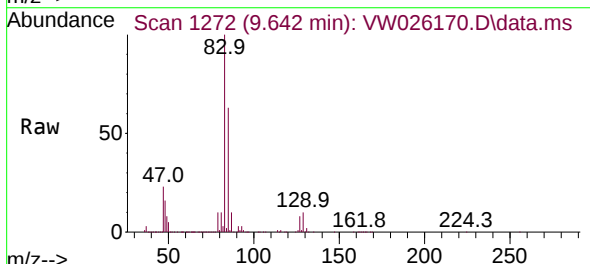
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

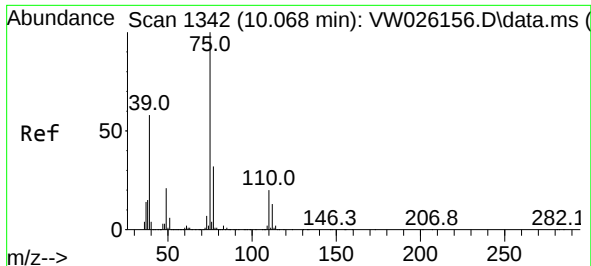
Tgt Ion: 63 Resp: 352740
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 21.176 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 83 Resp: 416339
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.0
127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.533 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

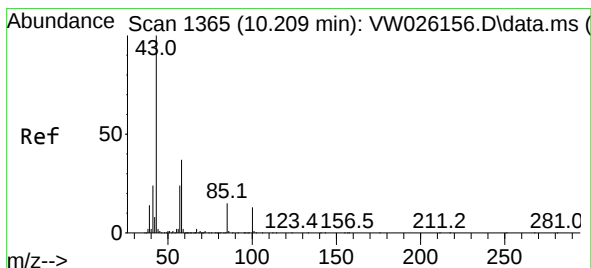
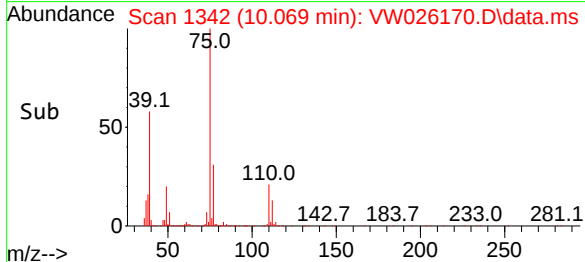
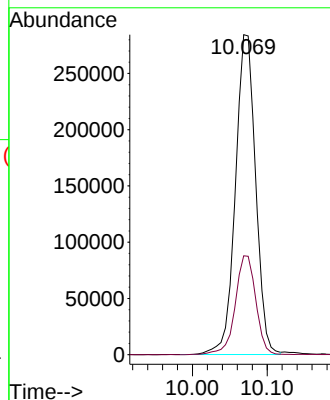
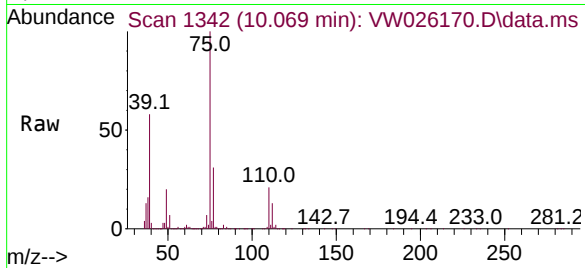
ESQY0MSD

Tgt Ion: 75 Resp: 535503

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 44.763 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

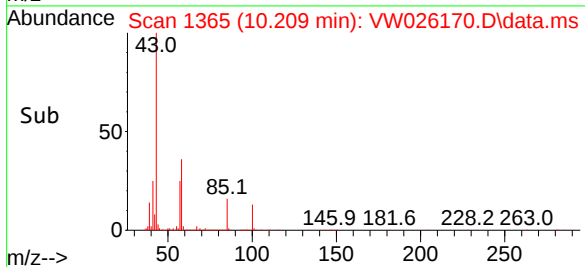
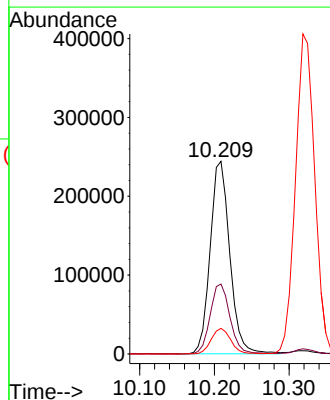
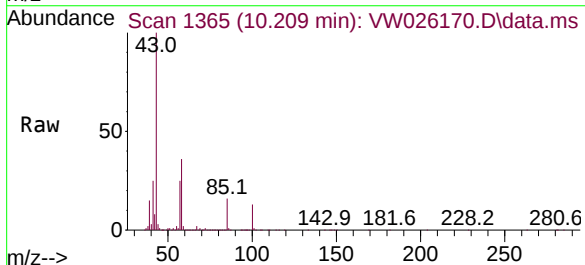
Tgt Ion: 43 Resp: 446608

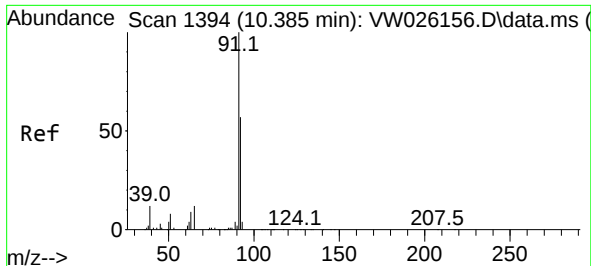
Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.4

100 13.2 10.5 15.7

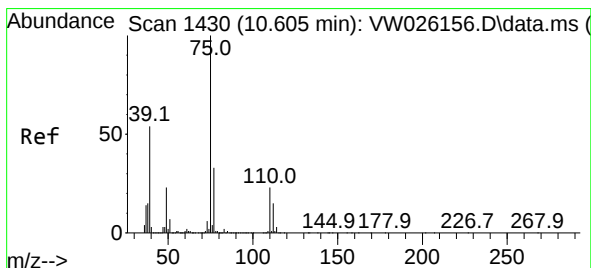
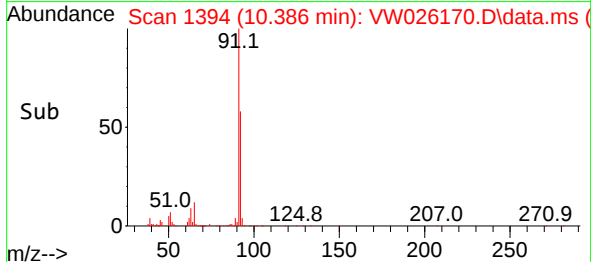
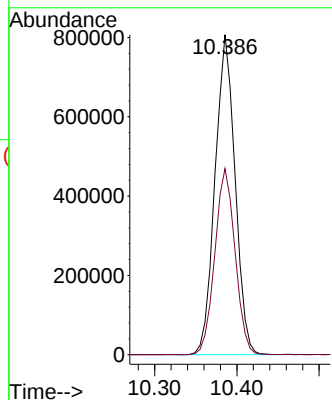
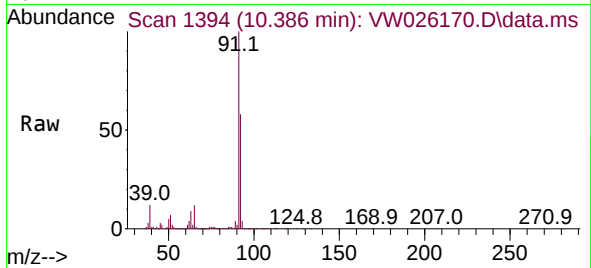




#42
Toluene
Concen: 21.361 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

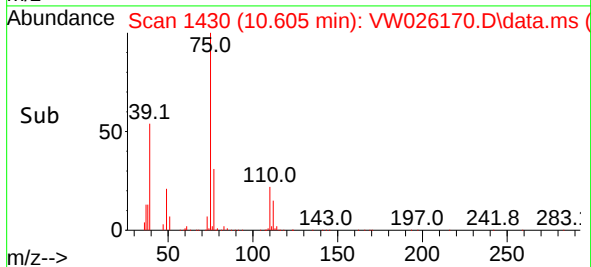
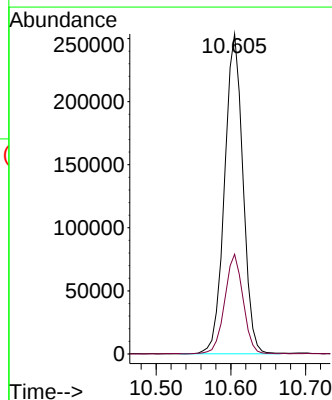
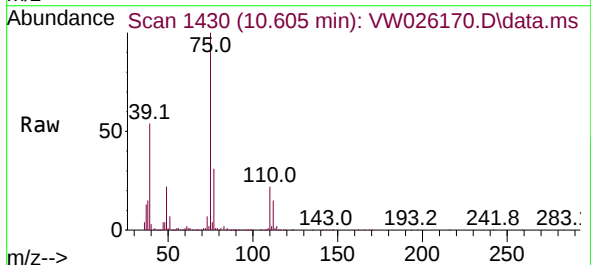
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

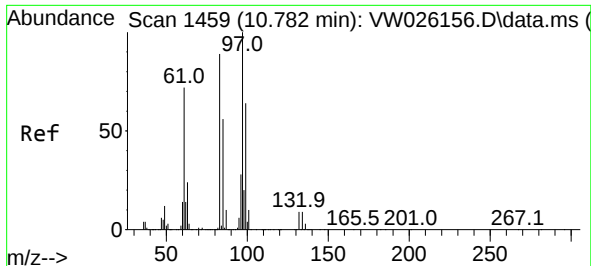
Tgt Ion: 91 Resp: 1365101
Ion Ratio Lower Upper
91 100
92 58.2 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 20.917 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 75 Resp: 433359
Ion Ratio Lower Upper
75 100
77 31.2 21.1 39.3



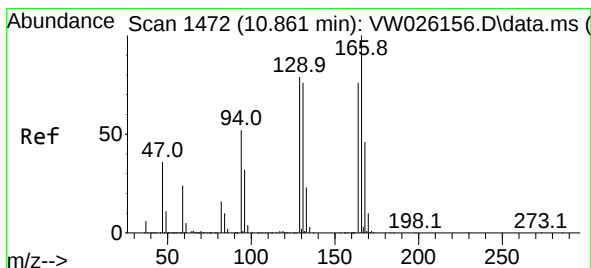
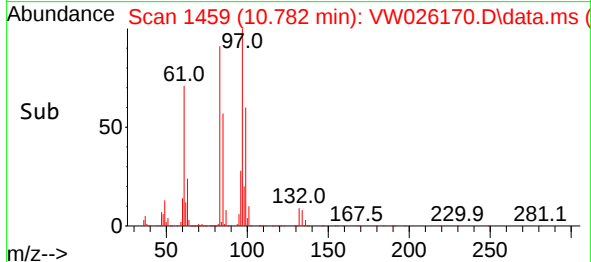
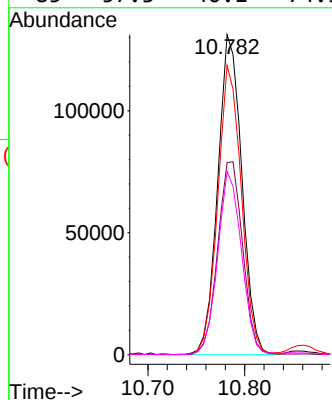
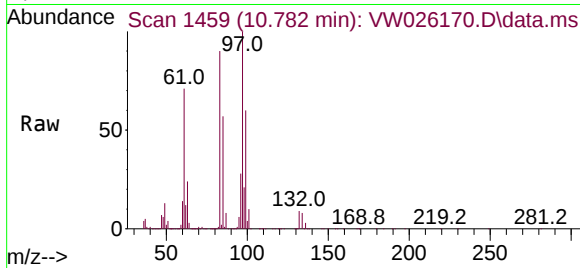


#45
1,1,2-Trichloroethane
Concen: 20.288 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

Tgt Ion: 97 Resp: 226282

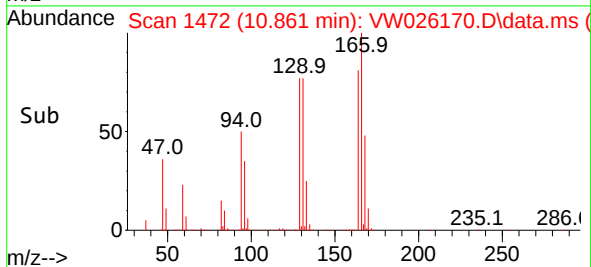
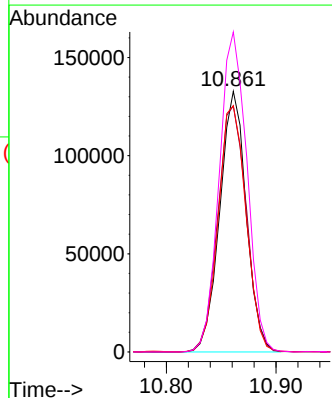
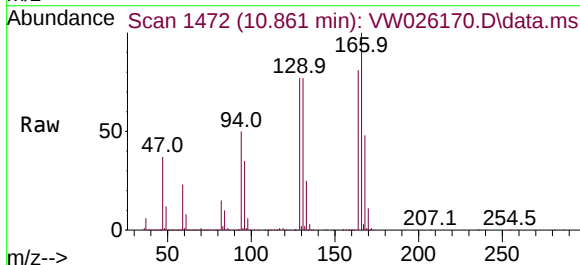
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.3	80.5
83	90.4	62.9	116.9
85	57.3	40.1	74.5

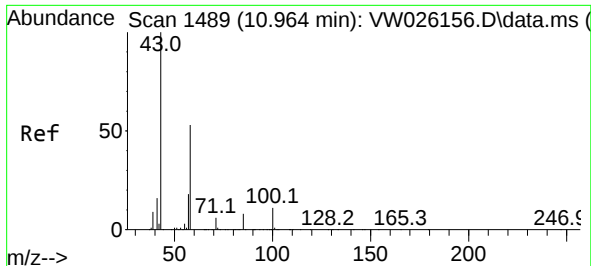


#46
Tetrachloroethene
Concen: 19.674 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 164 Resp: 222632

Ion	Ratio	Lower	Upper
164	100		
129	94.4	68.5	127.1
131	94.5	67.1	124.7
166	122.7	94.1	174.8

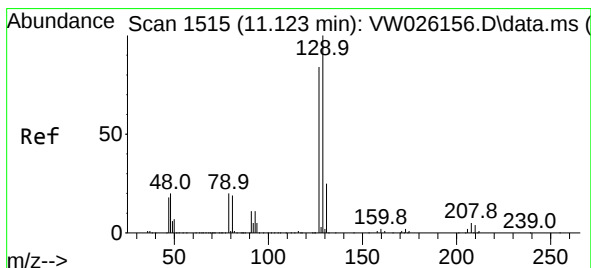
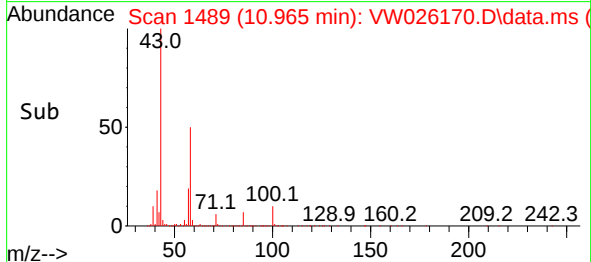
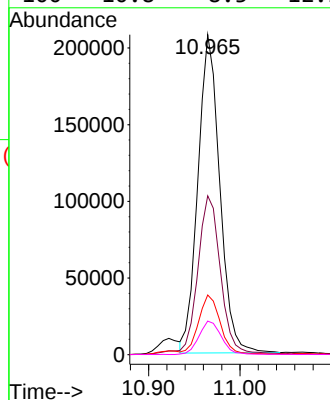
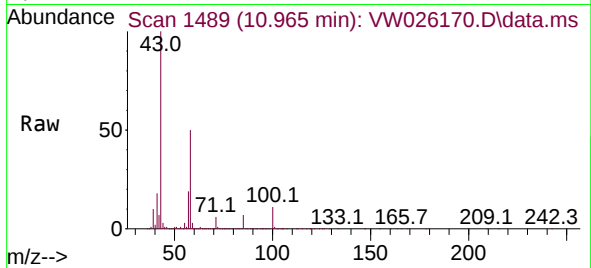




#48
2-Hexanone
Concen: 49.166 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

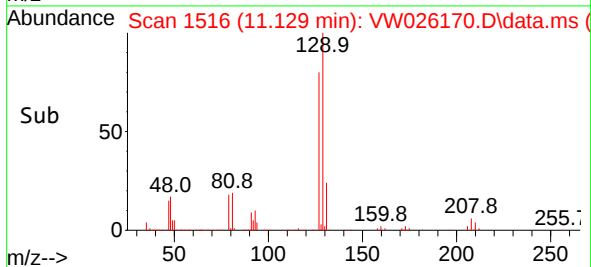
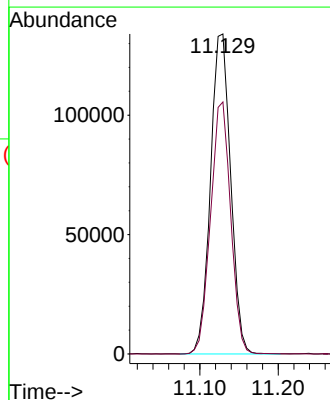
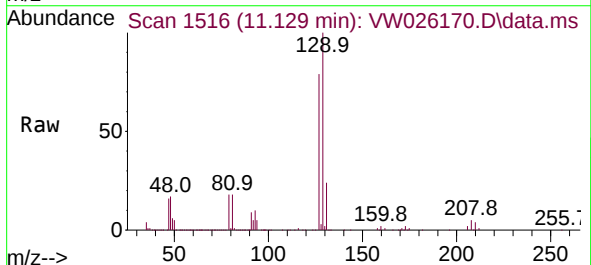
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

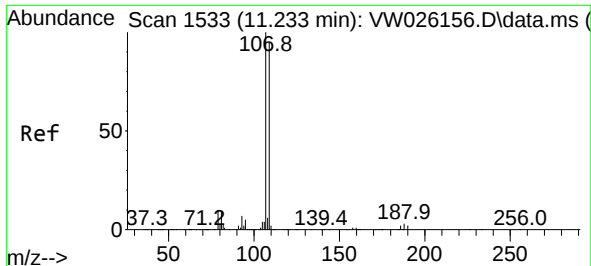
Tgt Ion: 43 Resp: 345881
Ion Ratio Lower Upper
43 100
58 51.2 42.2 63.2
57 18.6 14.2 21.2
100 10.8 8.3 12.5



#49
Dibromochloromethane
Concen: 20.492 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 129 Resp: 239624
Ion Ratio Lower Upper
129 100
127 78.7 56.9 105.7





#50

1,2-Dibromoethane

Concen: 19.870 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MSD

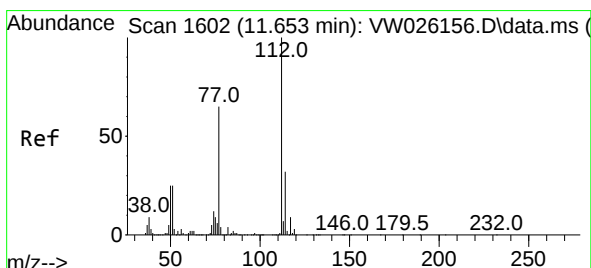
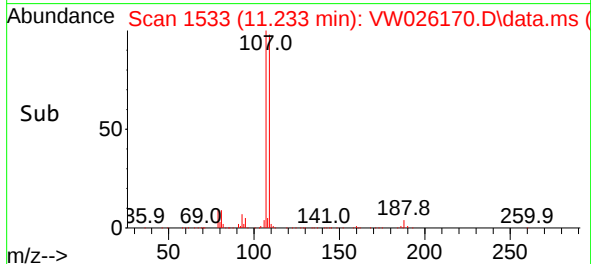
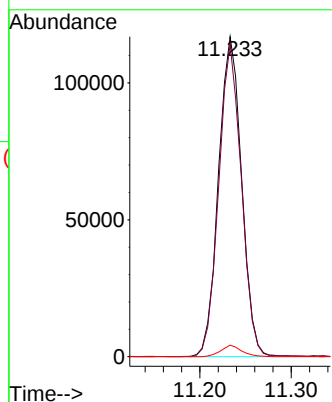
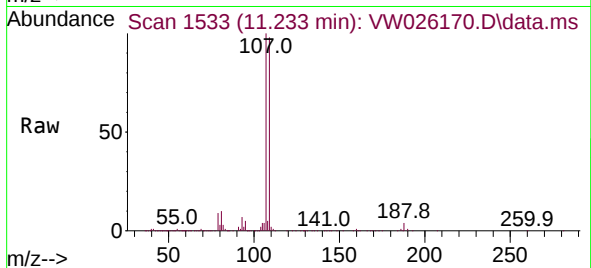
Tgt Ion:107 Resp: 205204

Ion Ratio Lower Upper

107 100

109 97.6 64.0 119.0

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 19.647 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

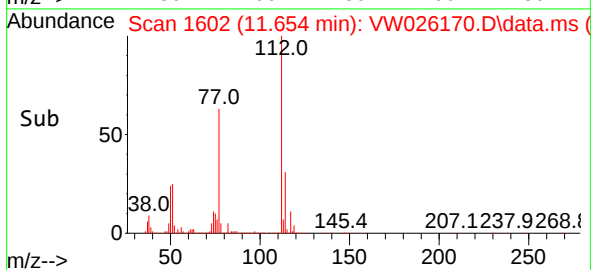
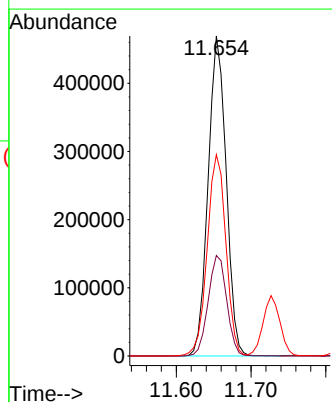
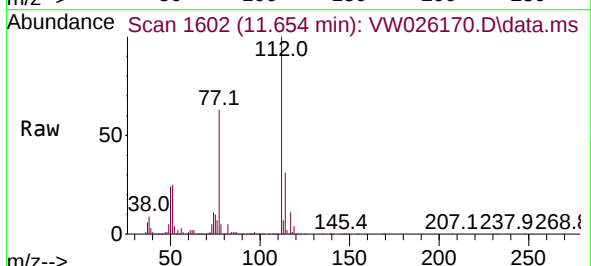
Tgt Ion:112 Resp: 786789

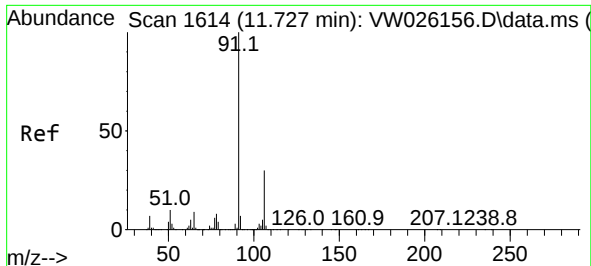
Ion Ratio Lower Upper

112 100

114 31.4 23.0 42.6

77 62.9 50.9 76.3

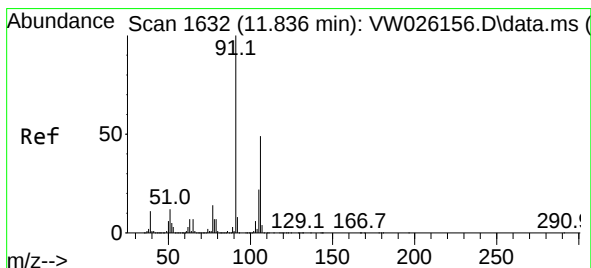
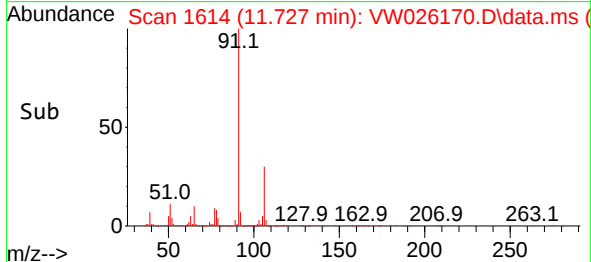
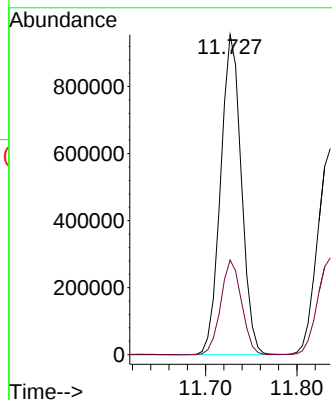
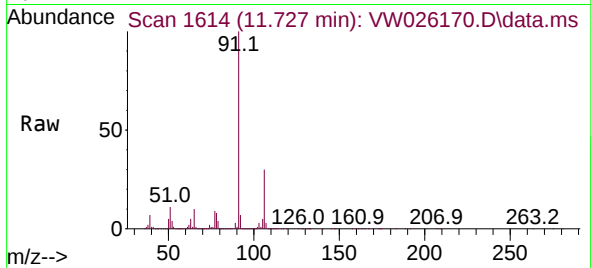




#52
Ethylbenzene
Concen: 20.895 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

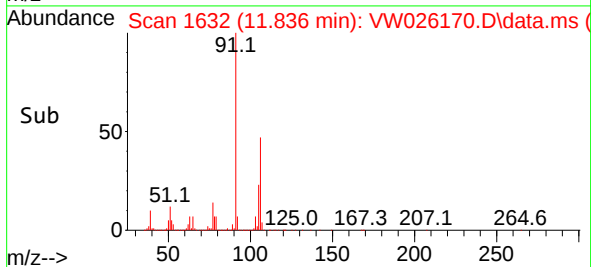
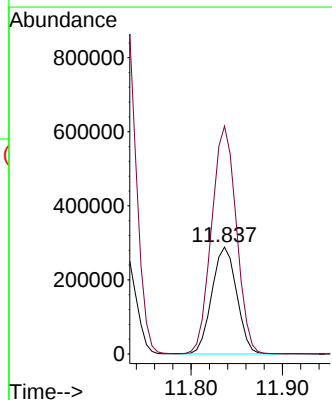
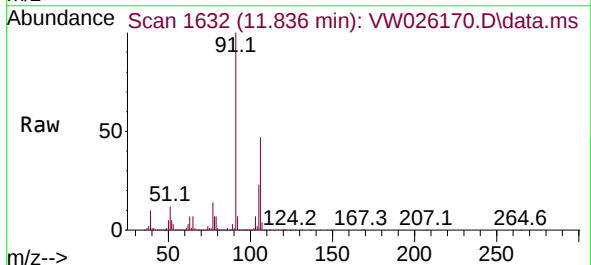
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

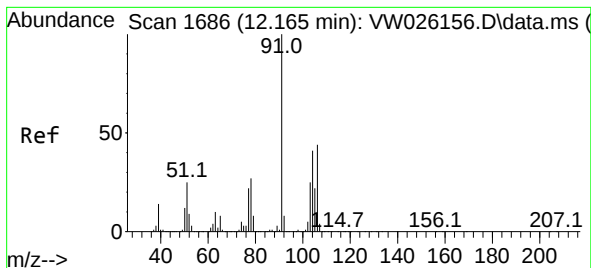
Tgt Ion: 91 Resp: 1506282
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4



#53
m,p-Xylene
Concen: 20.349 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 106 Resp: 545710
Ion Ratio Lower Upper
106 100
91 213.0 149.5 277.7

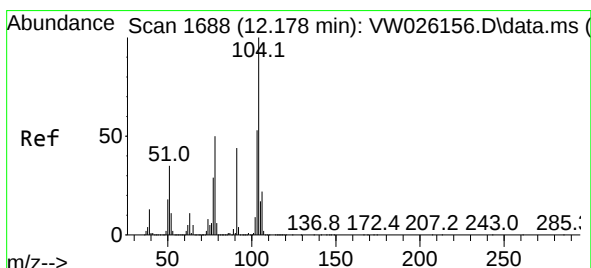
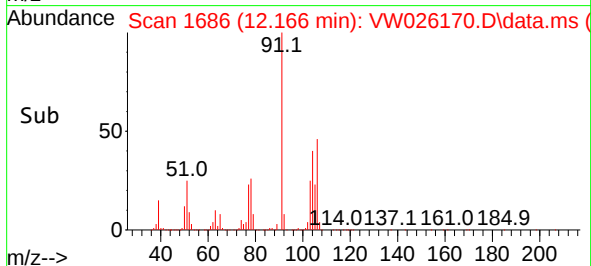
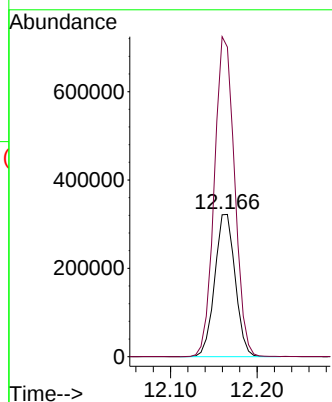
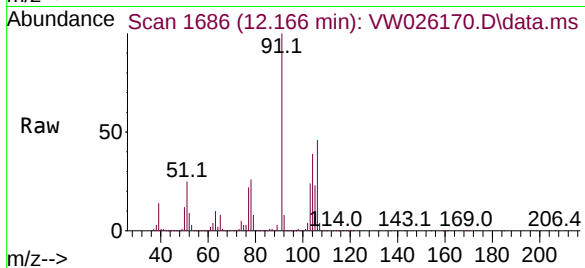




#54
o-Xylene
Concen: 20.844 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

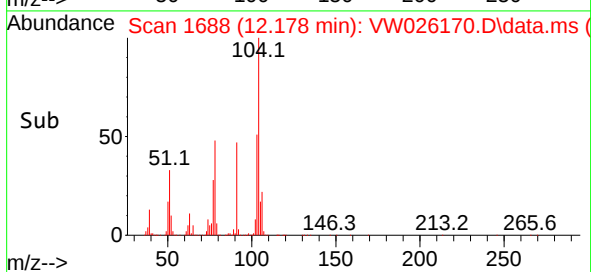
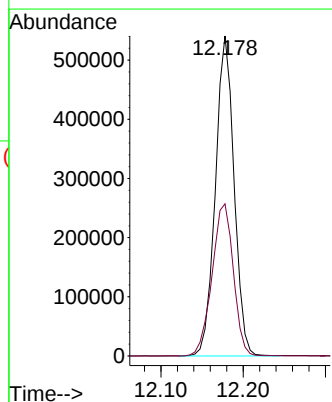
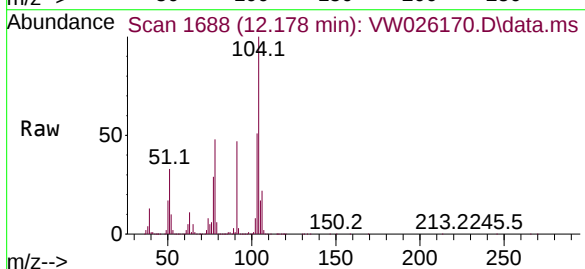
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

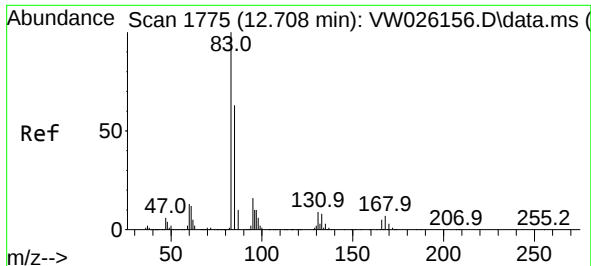
Tgt Ion:106 Resp: 527595
Ion Ratio Lower Upper
106 100
91 217.6 150.9 280.3



#55
Styrene
Concen: 19.671 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion:104 Resp: 854197
Ion Ratio Lower Upper
104 100
78 47.6 32.6 60.6

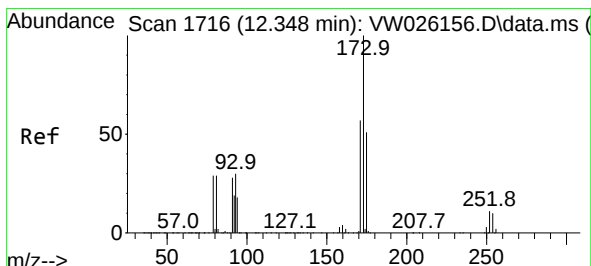
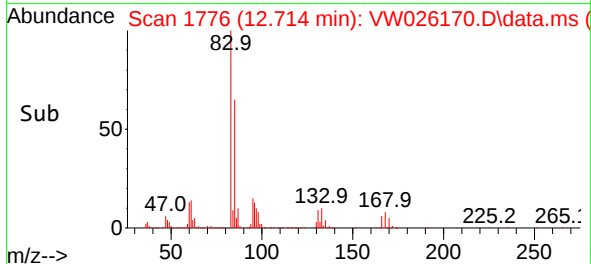
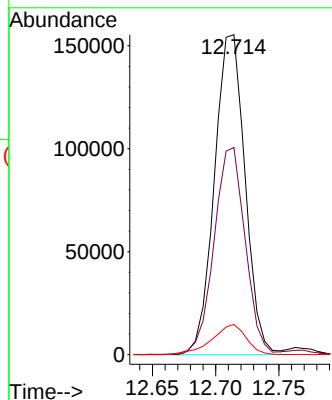
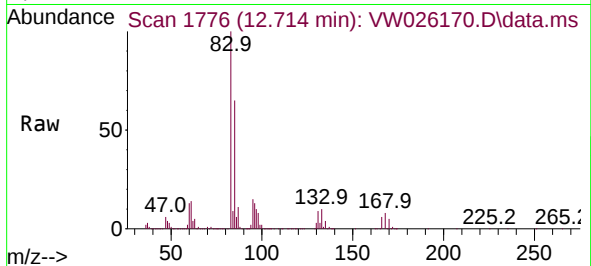




#57
1,1,2,2-Tetrachloroethane
Concen: 19.410 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

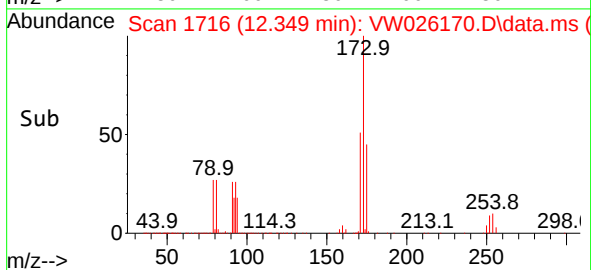
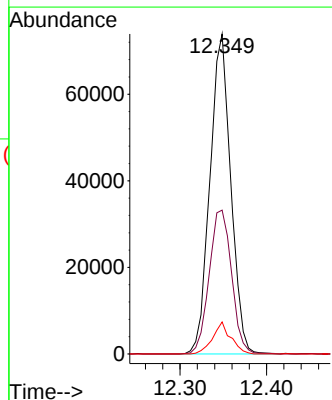
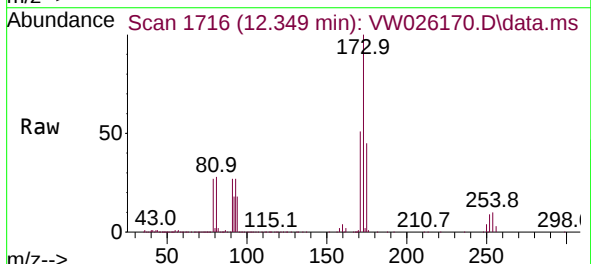
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

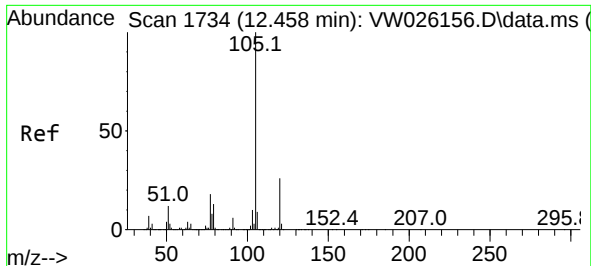
Tgt Ion: 83 Resp: 261993
Ion Ratio Lower Upper
83 100
85 64.8 42.6 79.0
131 9.5 7.2 10.8



#59
Bromoform
Concen: 21.732 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 173 Resp: 123611
Ion Ratio Lower Upper
173 100
175 48.3 38.6 57.8
254 8.6 7.4 11.0

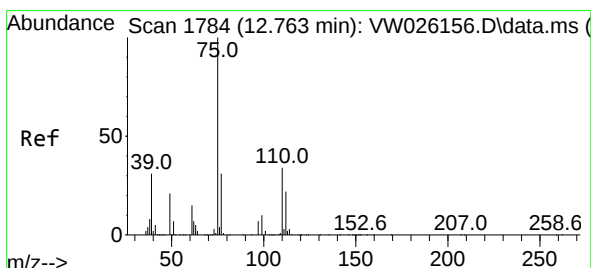
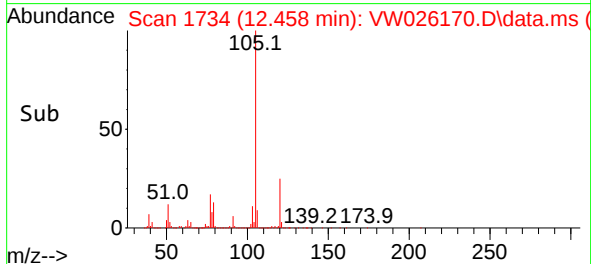
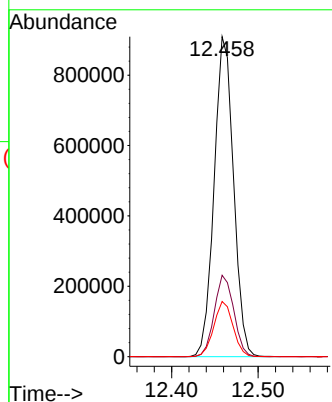
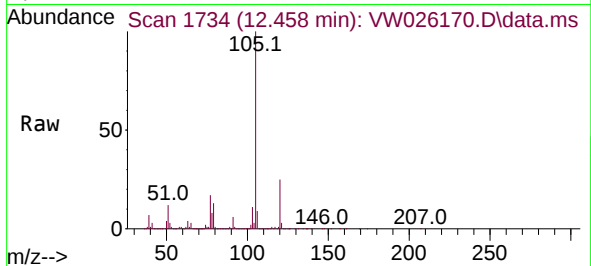




#60
Isopropylbenzene
Concen: 23.767 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

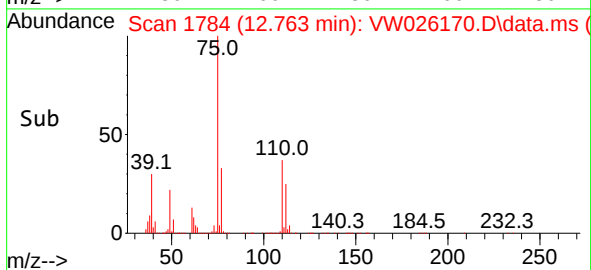
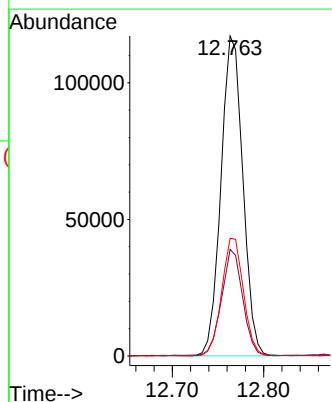
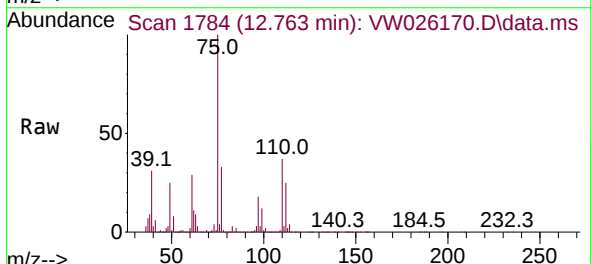
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

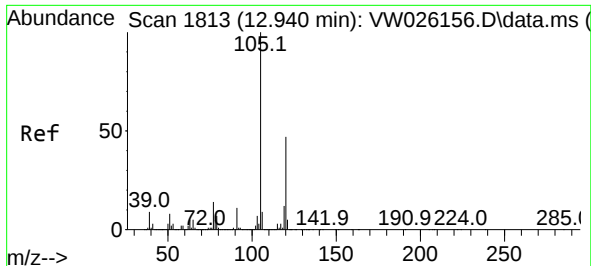
Tgt Ion:105 Resp: 1413946
Ion Ratio Lower Upper
105 100
120 25.5 19.8 29.8
77 17.1 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 22.982 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion: 75 Resp: 194956
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
110 36.7 28.7 43.1

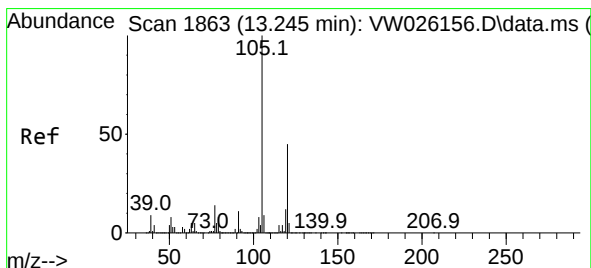
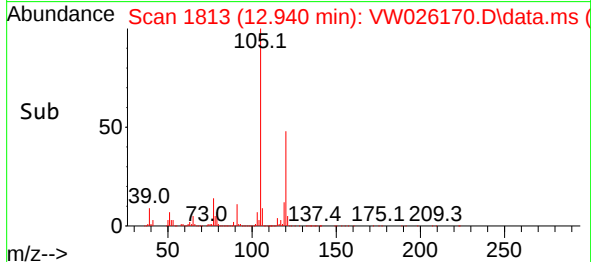
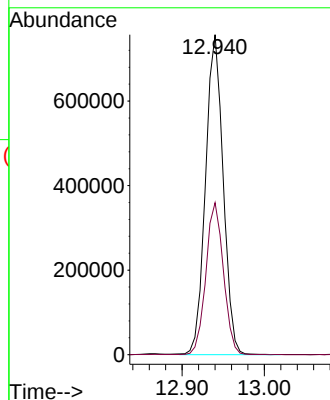
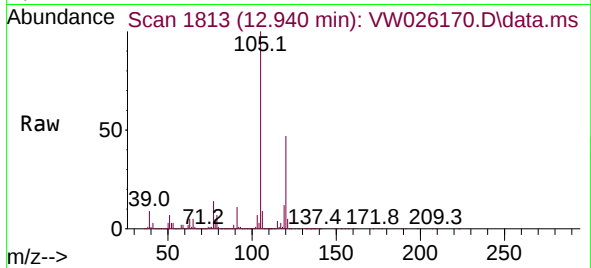




#62
 1,3,5-Trimethylbenzene
 Concen: 23.834 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026170.D
 Acq: 09 Jun 2023 15:01

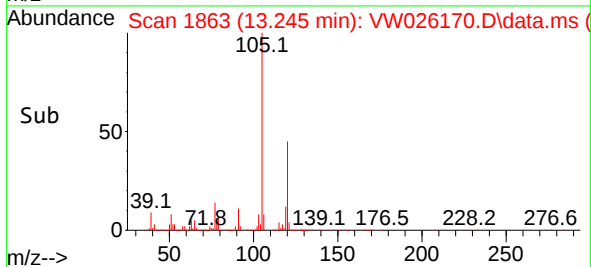
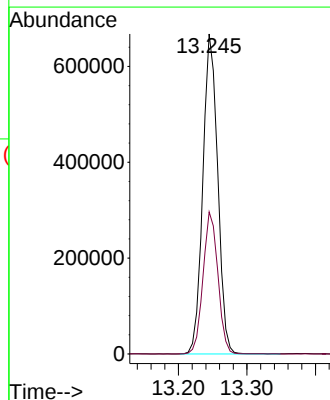
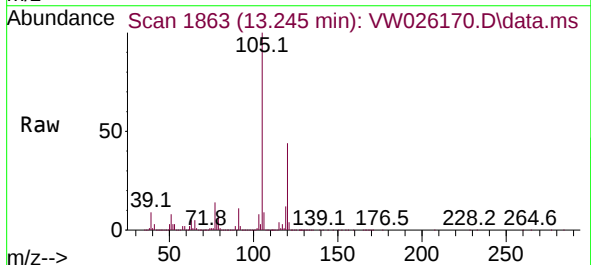
Instrument :
 MSVOA_W
 ClientSampleId :
 ESQY0MSD

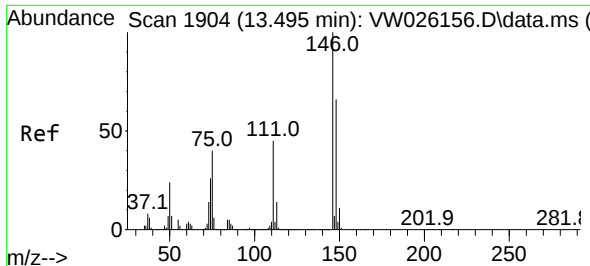
Tgt Ion:105 Resp: 1127191
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.261 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW026170.D
 Acq: 09 Jun 2023 15:01

Tgt Ion:105 Resp: 1007570
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.2 54.2

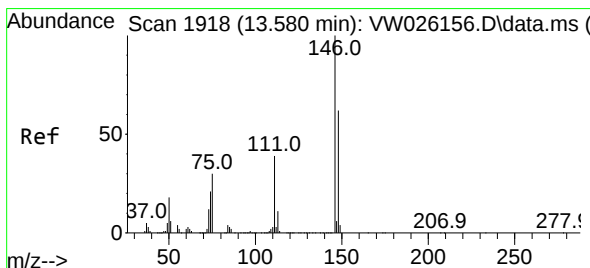
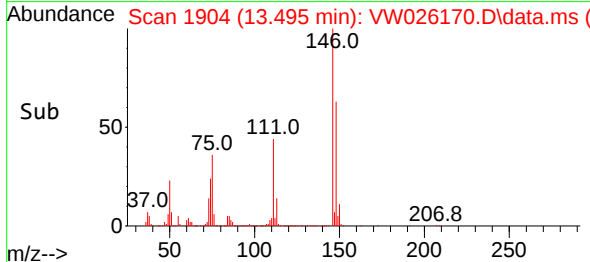
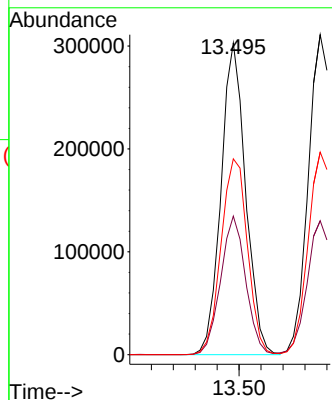
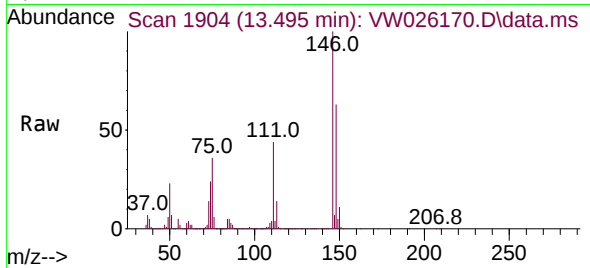




#64
1,3-Dichlorobenzene
Concen: 18.906 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

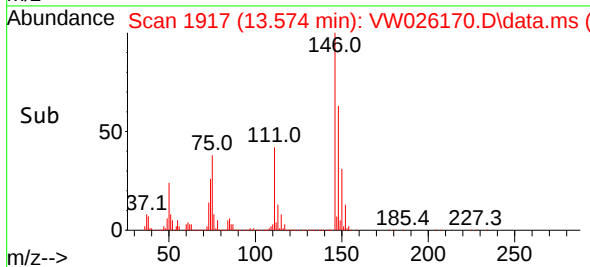
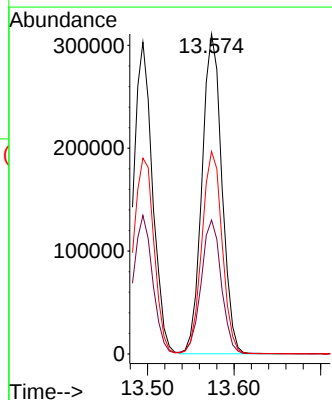
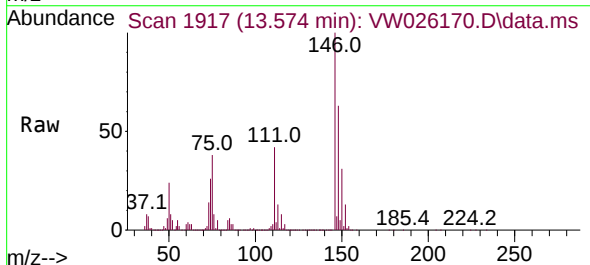
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

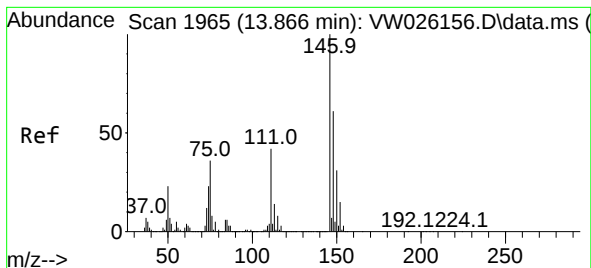
Tgt Ion:146 Resp: 472925
Ion Ratio Lower Upper
146 100
111 44.5 29.7 55.1
148 62.9 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 19.682 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion:146 Resp: 495672
Ion Ratio Lower Upper
146 100
111 41.8 29.2 54.2
148 63.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 18.919 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MSD

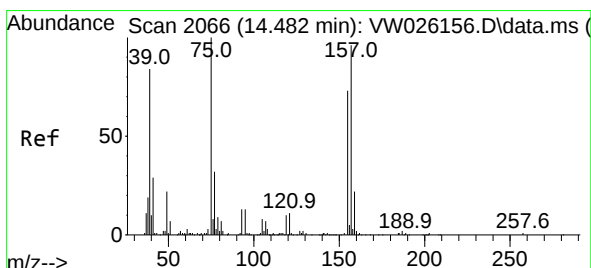
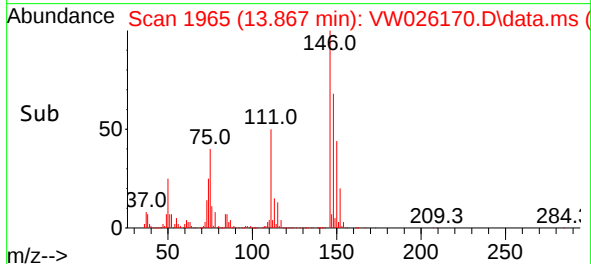
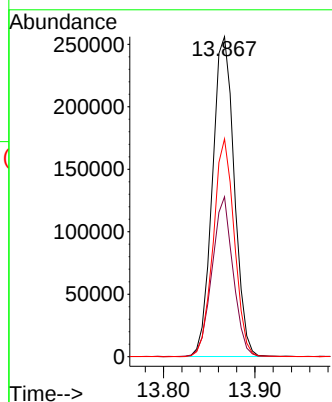
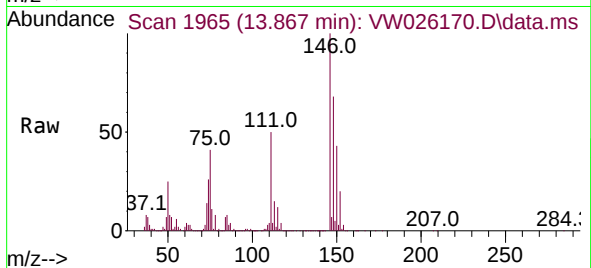
Tgt Ion:146 Resp: 424963

Ion Ratio Lower Upper

146 100

111 50.0 35.4 53.0

148 68.1 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.738 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

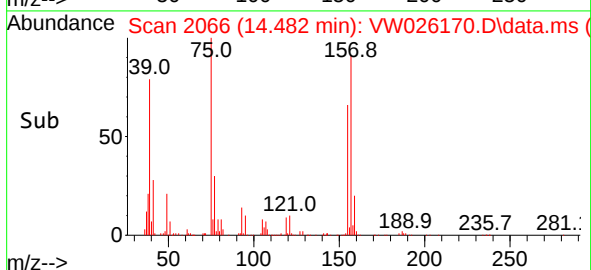
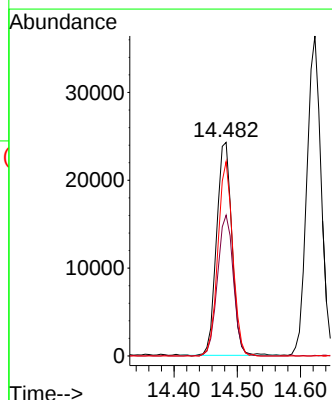
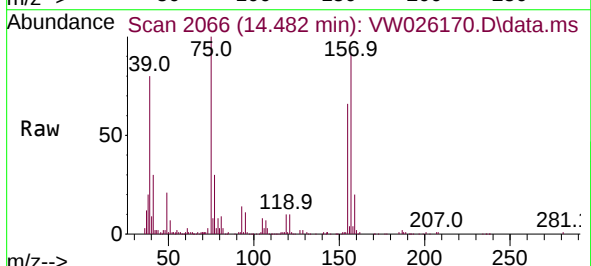
Tgt Ion: 75 Resp: 40758

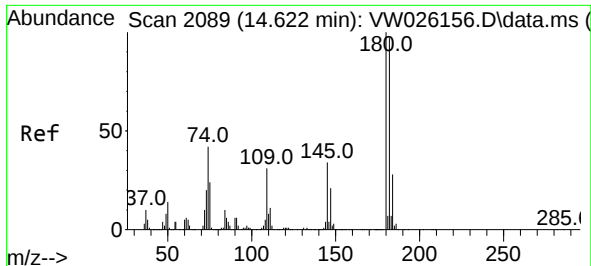
Ion Ratio Lower Upper

75 100

155 65.9 59.0 88.6

157 91.0 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 14.549 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MSD

Tgt Ion:180 Resp: 249987

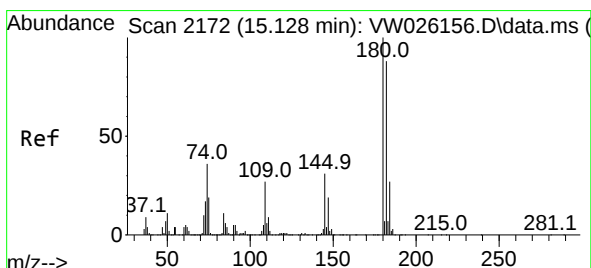
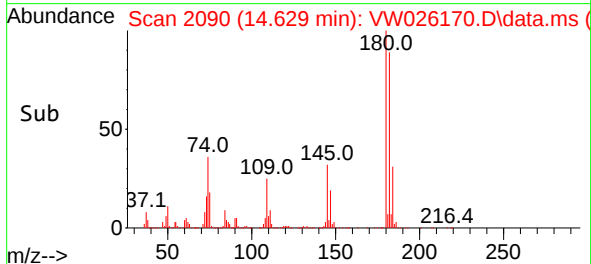
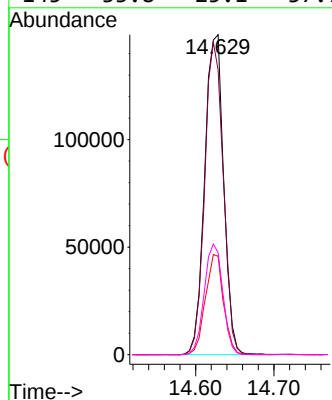
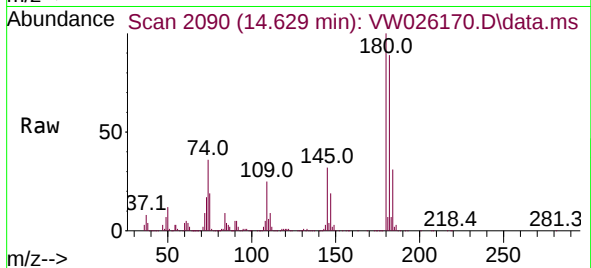
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

184 29.9 23.7 35.5

145 33.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 13.951 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026170.D

Acq: 09 Jun 2023 15:01

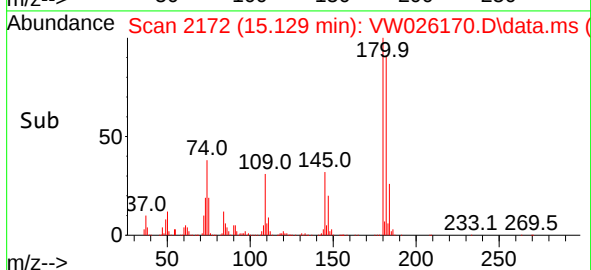
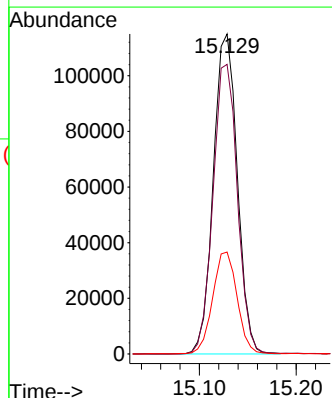
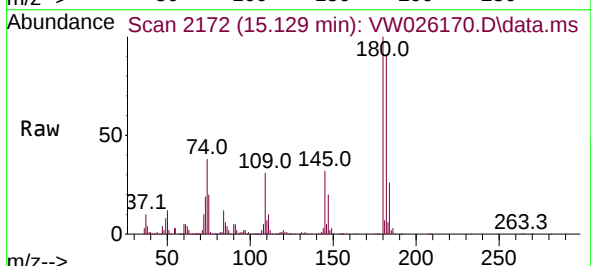
Tgt Ion:180 Resp: 197799

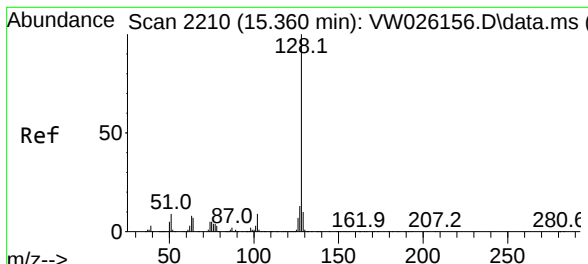
Ion Ratio Lower Upper

180 100

182 92.3 78.9 118.3

145 32.6 27.2 40.8



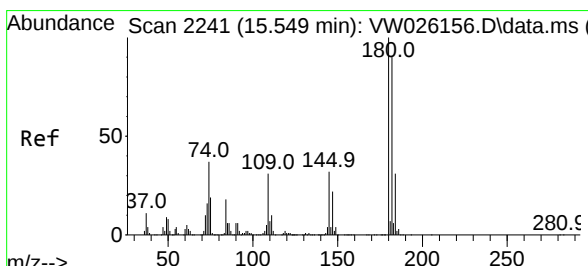
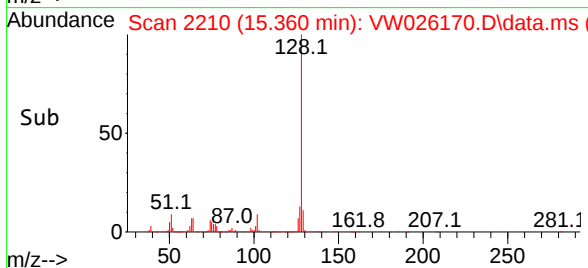
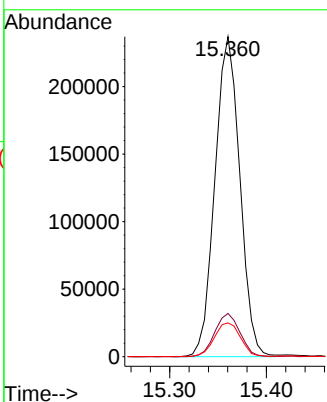
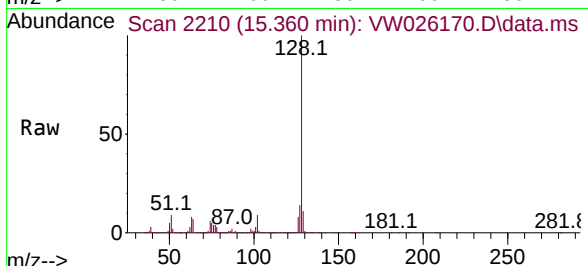


#71
Naphthalene
Concen: 16.764 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Instrument :
MSVOA_W
ClientSampleId :
ESQY0MSD

Tgt Ion:128 Resp: 423627

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 12.683 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW026170.D
Acq: 09 Jun 2023 15:01

Tgt Ion:180 Resp: 157164

Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.3	114.5
145	36.0	27.0	40.6

