

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025357.D
 Acq On : 22 Feb 2023 14:05
 Operator : SY/MD
 Sample : 01628-03MSD
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MSD

Quant Time: Feb 22 21:29:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	428144	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	378386	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	187672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	81519	22.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
7) Chloroethane-d5	2.899	69	61867	23.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	4.027	63	211643	22.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.000%
21) 2-Butanone-d5	7.081	46	44248	53.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.620%
24) Chloroform-d	7.654	84	195758	23.835	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	8.306	65	104149	24.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	8.276	84	381366	23.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.276	67	107193	23.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.324	98	351703	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	10.574	79	51125	24.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.922	63	36898	56.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86213	25.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.854	152	112002	23.497	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	116887	21.747	ug/L	92
3) Chloromethane	2.228	50	114174	23.667	ug/L	95
5) Vinyl chloride	2.374	62	131792	23.465	ug/L	99
6) Bromomethane	2.789	94	83528	23.422	ug/L	92
8) Chloroethane	2.935	64	75334	22.922	ug/L	95
9) Trichlorofluoromethane	3.271	101	150929	22.146	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	124274	21.467	ug/L	92
12) 1,1-Dichloroethene	4.045	96	125064	22.670	ug/L	97
13) Acetone	4.118	43	91379	67.086	ug/L	99
14) Carbon disulfide	4.392	76	413810	22.997	ug/L	100
15) Methyl Acetate	4.667	43	54095	24.650	ug/L	98
16) Methylene chloride	4.917	84	140220	23.161	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	134651	23.283	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	210842	25.813	ug/L	99
19) 1,1-Dichloroethane	6.215	63	242327	23.318	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	146593	24.124	ug/L	95
22) 2-Butanone	7.166	43	97139	61.481	ug/L	99
23) Bromochloromethane	7.520	128	64420	24.843	ug/L	93
25) Chloroform	7.678	83	253476	23.702	ug/L	99

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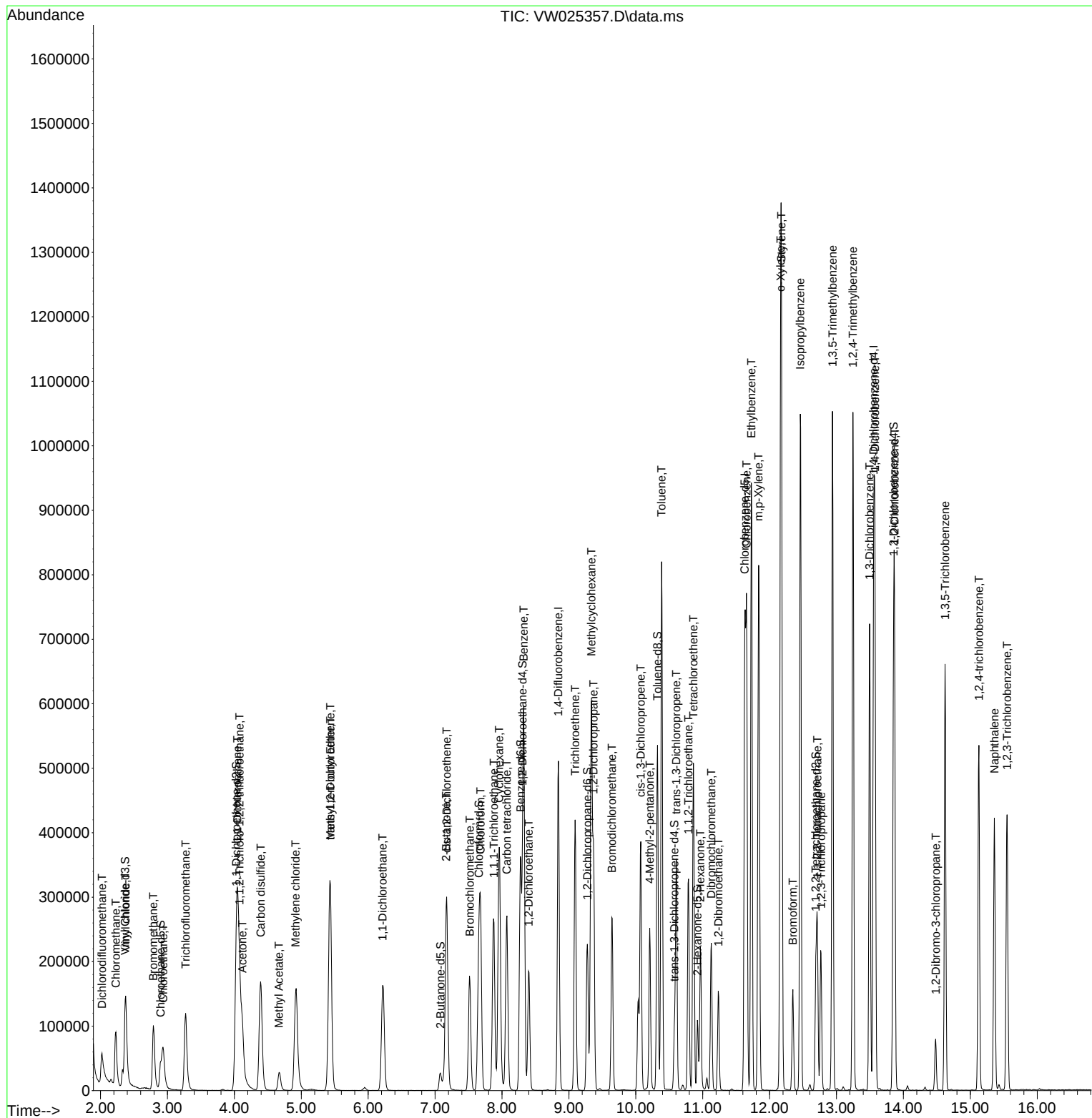
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	178132	24.694	ug/L	98
29) Cyclohexane	7.959	56	224741	23.595	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	228670	23.329	ug/L	99
31) Carbon tetrachloride	8.069	117	211363	22.910	ug/L	99
33) Benzene	8.325	78	548385	23.702	ug/L	100
34) Trichloroethene	9.093	95	150299	23.261	ug/L	95
35) Methylcyclohexane	9.337	83	252935	22.338	ug/L	99
37) 1,2-Dichloropropane	9.367	63	134600	24.051	ug/L	99
38) Bromodichloromethane	9.641	83	182270	24.011	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	226655	24.754	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	155034	54.454	ug/L	99
42) Toluene	10.385	91	594535	23.869	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	200091	25.996	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	103744	24.853	ug/L	97
46) Tetrachloroethene	10.861	164	108247	22.185	ug/L	98
48) 2-Hexanone	10.964	43	135948	63.976	ug/L	98
49) Dibromochloromethane	11.129	129	121501	25.198	ug/L	95
50) 1,2-Dibromoethane	11.233	107	101790	25.437	ug/L	97
51) Chlorobenzene	11.653	112	377714	23.613	ug/L	99
52) Ethylbenzene	11.726	91	682620	23.650	ug/L	100
53) m,p-Xylene	11.836	106	254132	23.173	ug/L	95
54) o-Xylene	12.165	106	244951	24.161	ug/L	89
55) Styrene	12.178	104	422948	24.530	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	122056	25.613	ug/L	96
59) Bromoform	12.348	173	68938	24.537	ug/L	98
60) Isopropylbenzene	12.458	105	686657	22.370	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	91309	24.557	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	564226	22.888	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	568024	24.342	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	282148	23.507	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	285938	23.763	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	249213	22.642	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	21997	25.603	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	187031	22.766	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	158325	22.209	ug/L	97
71) Naphthalene	15.360	128	344729	25.149	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	140590	23.222	ug/L	97

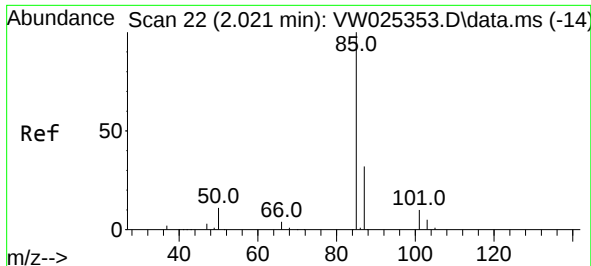
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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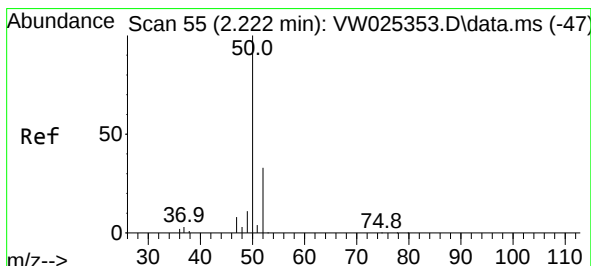
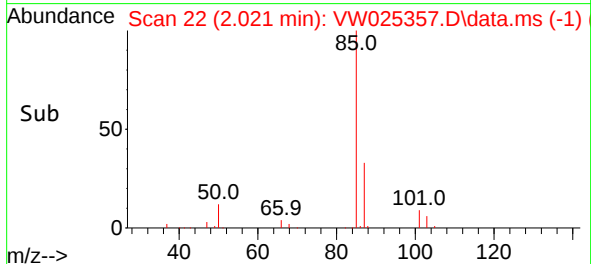
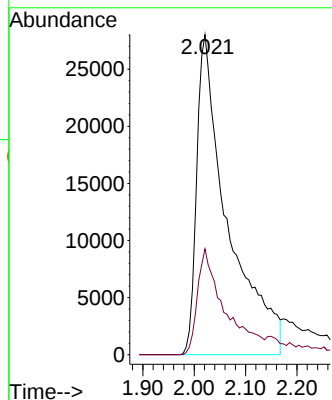
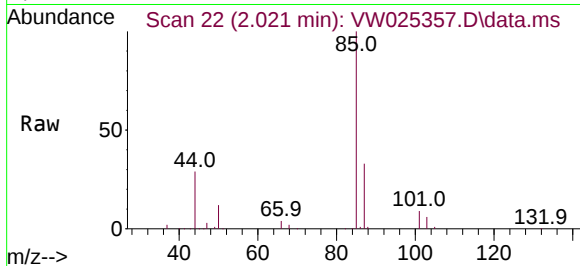




#2
 Dichlorodifluoromethane
 Concen: 21.747 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

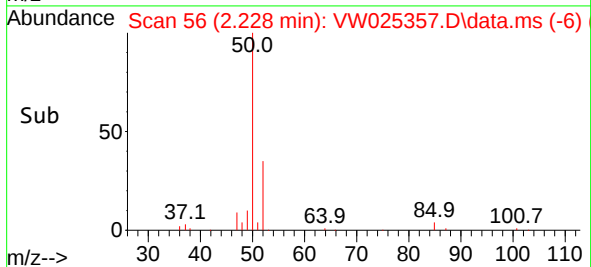
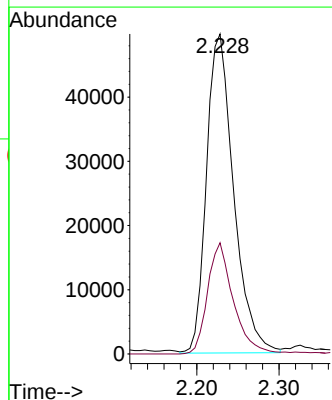
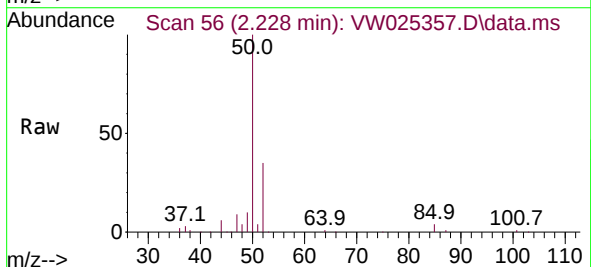
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 ClientSampleId :
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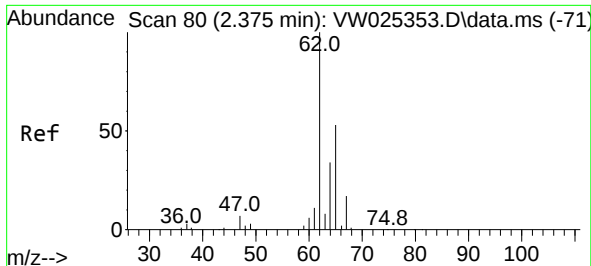
Tgt Ion: 85 Resp: 116887
 Ion Ratio Lower Upper
 85 100
 87 29.6 20.6 30.8



#3
 Chloromethane
 Concen: 23.667 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

Tgt Ion: 50 Resp: 114174
 Ion Ratio Lower Upper
 50 100
 52 34.8 22.3 41.3

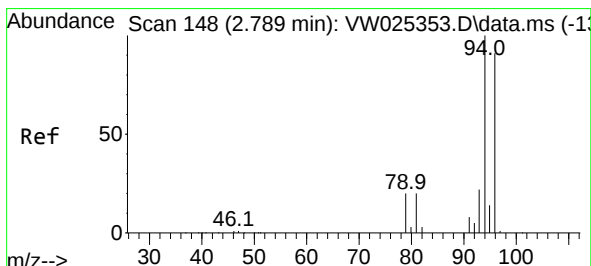
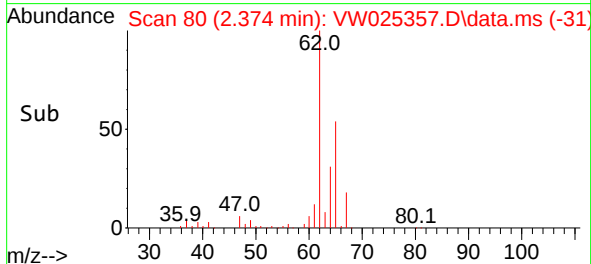
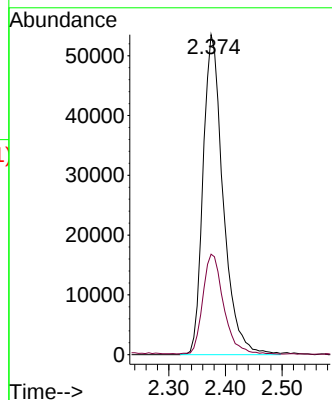
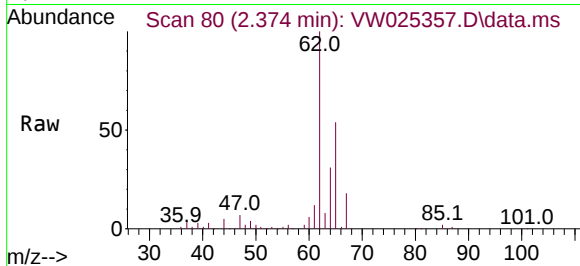




#5
 Vinyl chloride
 Concen: 23.465 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

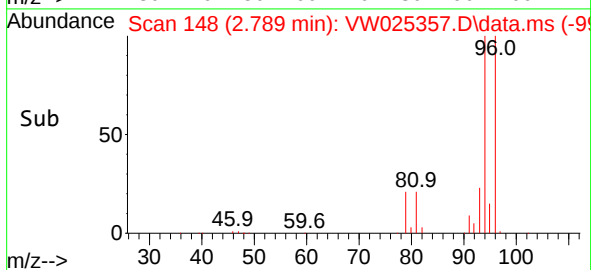
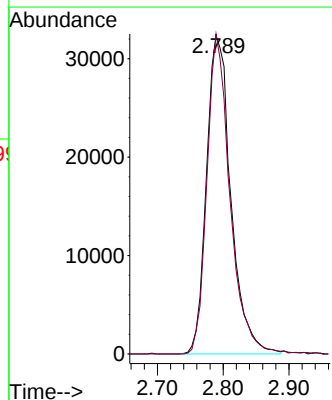
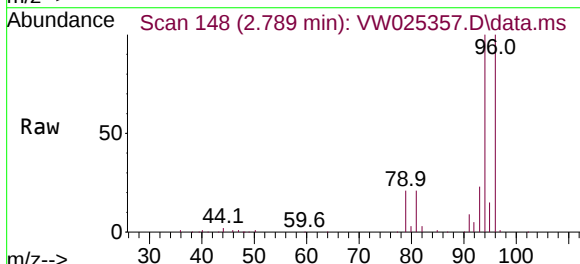
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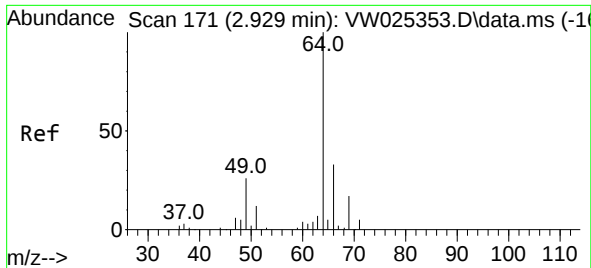
Tgt Ion: 62 Resp: 131792
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.2 41.2



#6
 Bromomethane
 Concen: 23.422 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

Tgt Ion: 94 Resp: 83528
 Ion Ratio Lower Upper
 94 100
 96 100.5 65.2 121.0

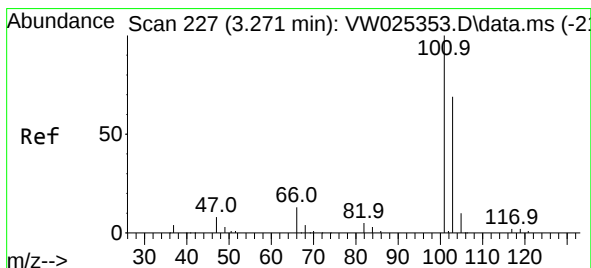
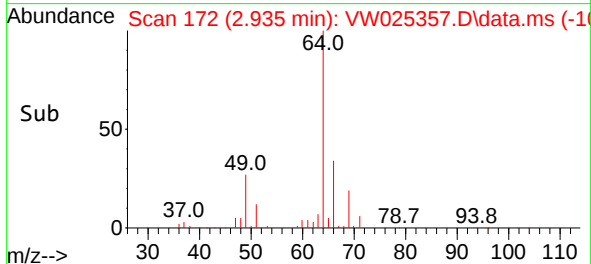
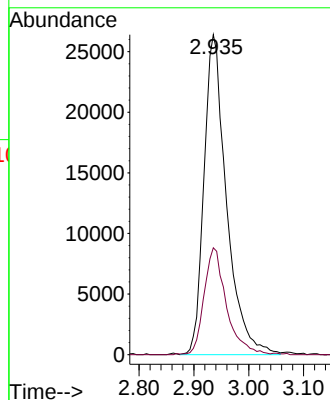
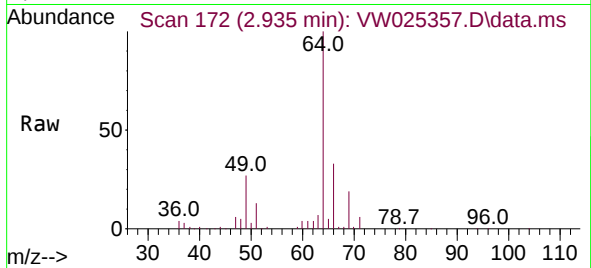




#8
Chloroethane
Concen: 22.922 ug/L
RT: 2.935 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

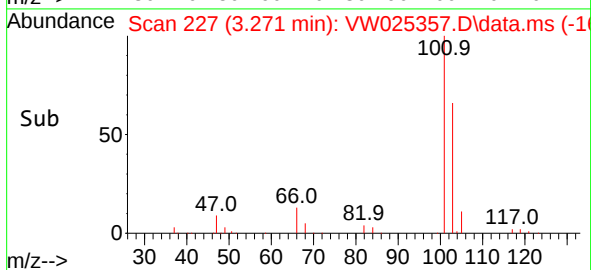
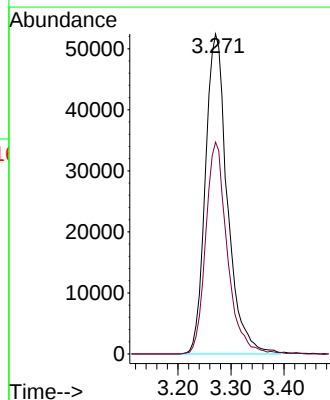
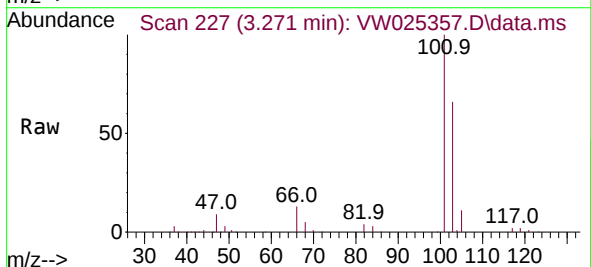
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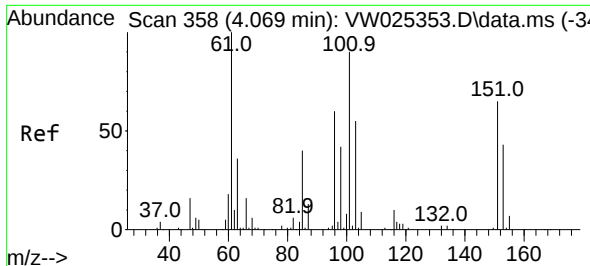
Tgt Ion: 64 Resp: 75334
Ion Ratio Lower Upper
64 100
66 33.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.146 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion:101 Resp: 150929
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

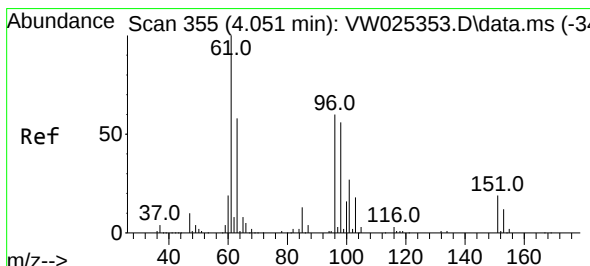
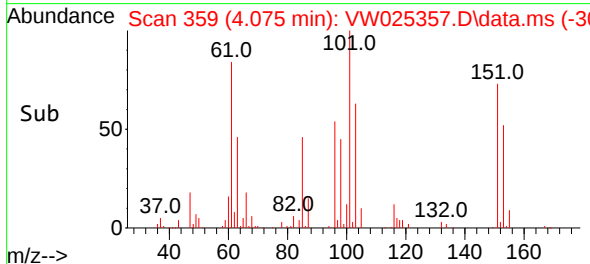
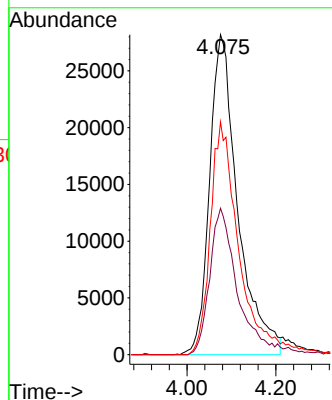
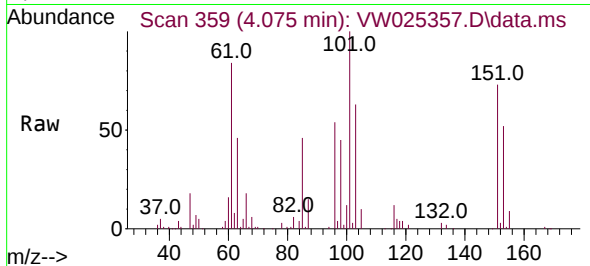




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.467 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

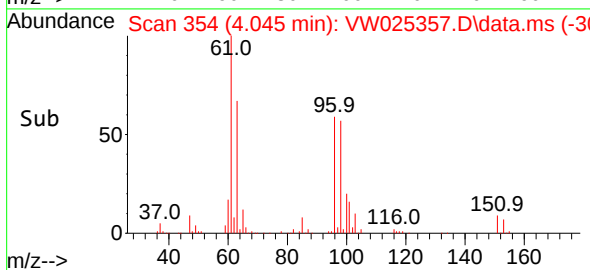
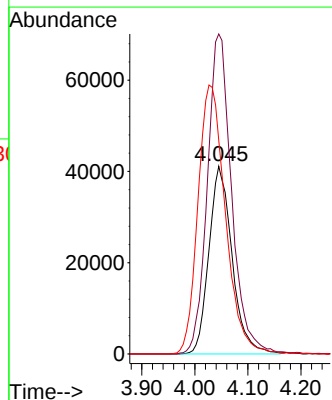
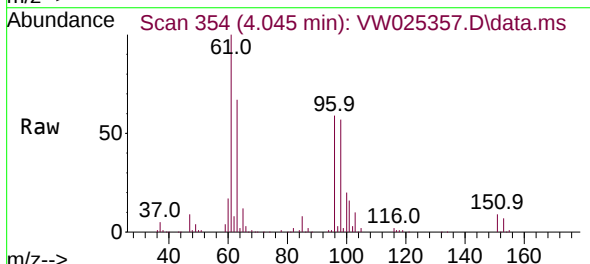
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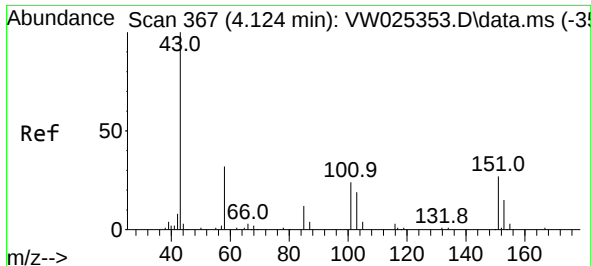
Tgt Ion:101 Resp: 124274
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.3 54.5
 151 74.2 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 22.670 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

Tgt Ion: 96 Resp: 125064
 Ion Ratio Lower Upper
 96 100
 61 170.5 119.3 221.5
 63 113.9 74.5 138.5

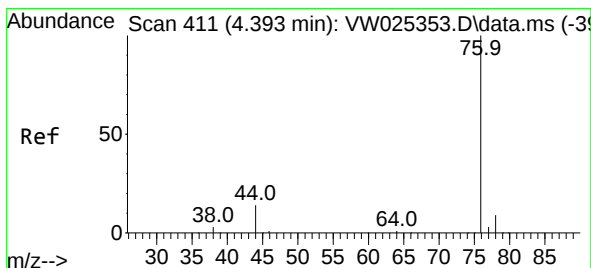
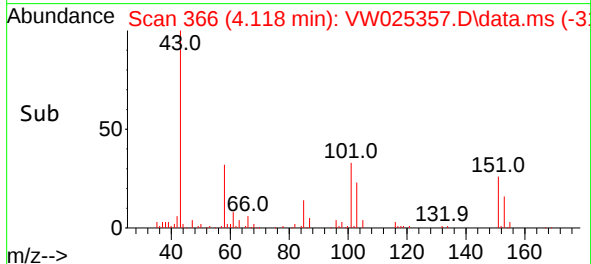
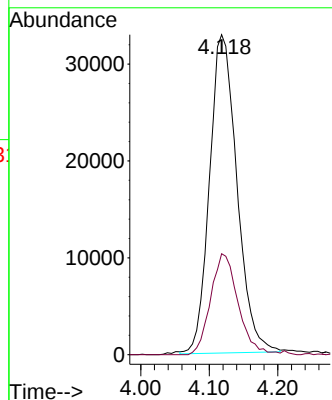
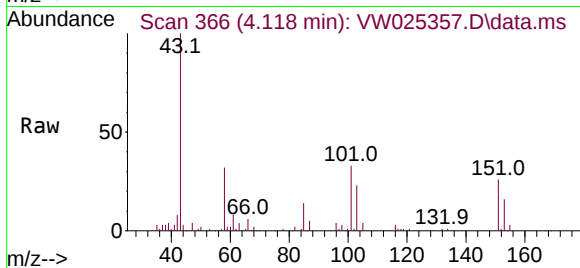




#13
Acetone
Concen: 67.086 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
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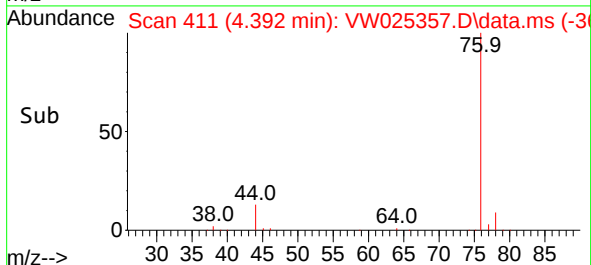
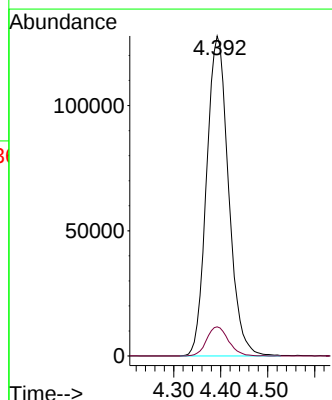
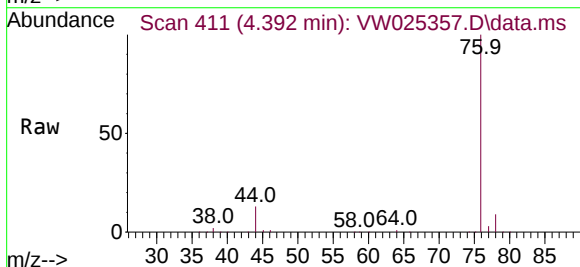
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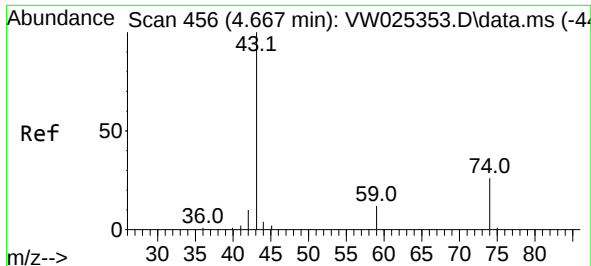
Tgt Ion: 43 Resp: 91379
Ion Ratio Lower Upper
43 100
58 31.5 0.0 61.6



#14
Carbon disulfide
Concen: 22.997 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 76 Resp: 413810
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

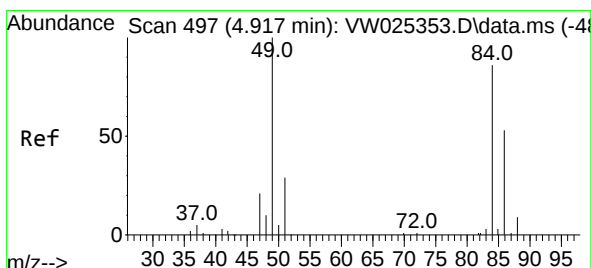
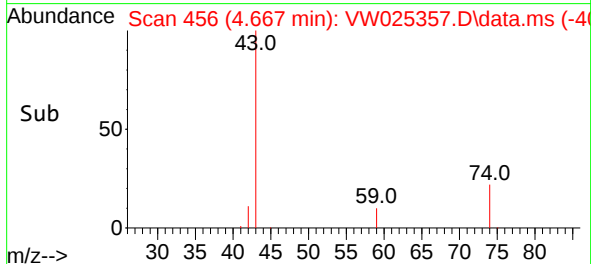
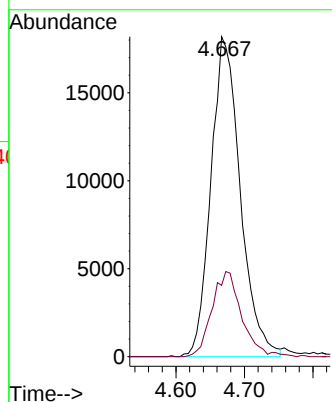
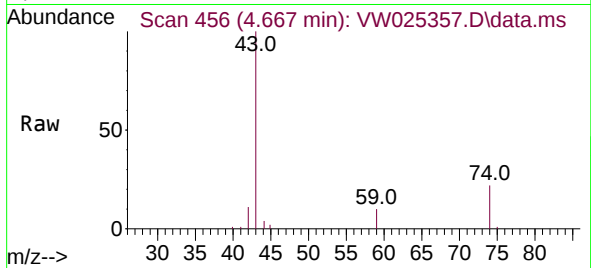




#15
Methyl Acetate
Concen: 24.650 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

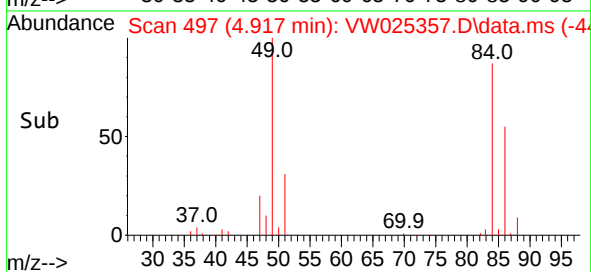
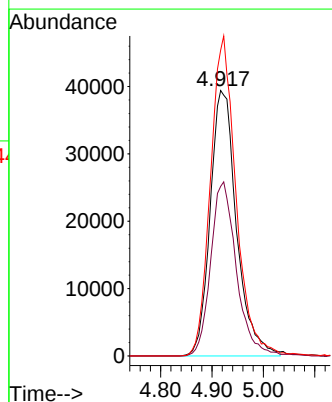
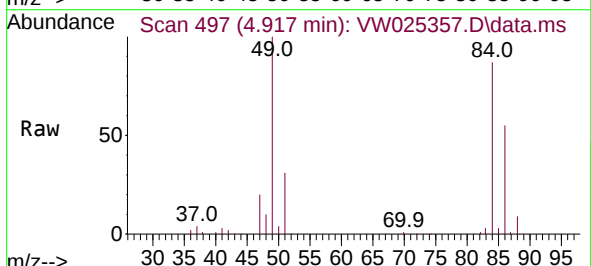
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

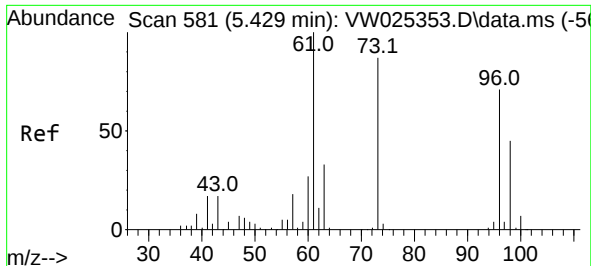
Tgt Ion: 43 Resp: 54095
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.4



#16
Methylene chloride
Concen: 23.161 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 84 Resp: 140220
Ion Ratio Lower Upper
84 100
86 63.9 41.8 77.6
49 115.2 80.3 149.1





#17

trans-1,2-Dichloroethene

Concen: 23.283 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MSD

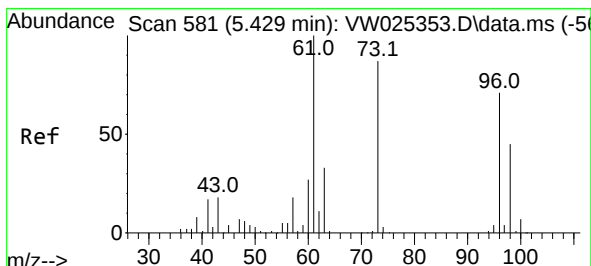
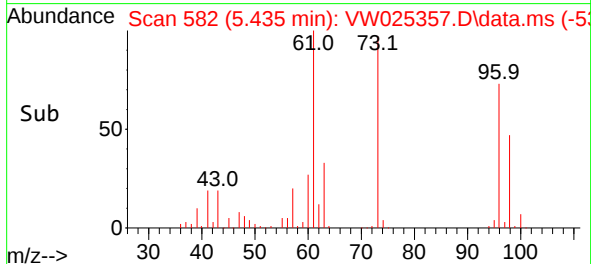
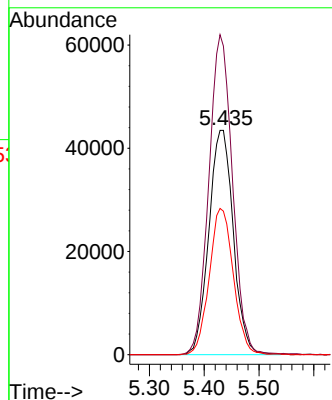
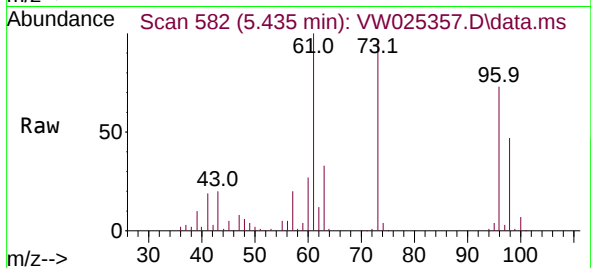
Tgt Ion: 96 Resp: 134651

Ion Ratio Lower Upper

96 100

61 137.6 94.8 176.0

98 64.0 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 25.813 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

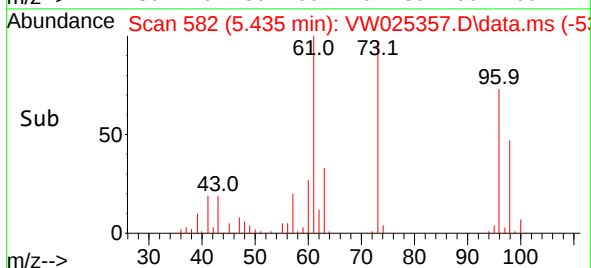
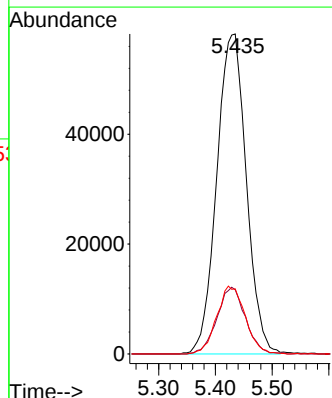
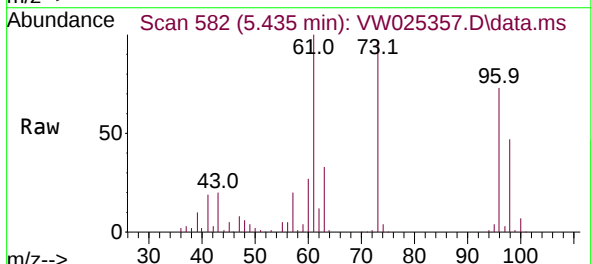
Tgt Ion: 73 Resp: 210842

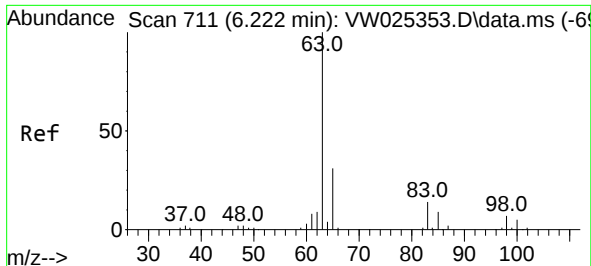
Ion Ratio Lower Upper

73 100

43 19.9 16.1 24.1

57 20.3 16.6 25.0





#19

1,1-Dichloroethane

Concen: 23.318 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MSD

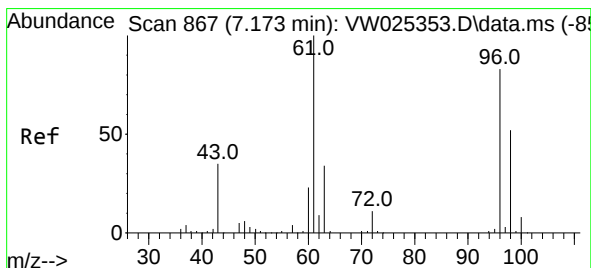
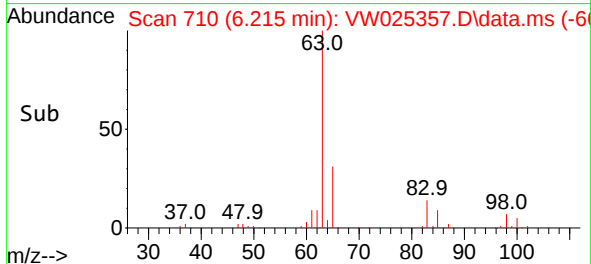
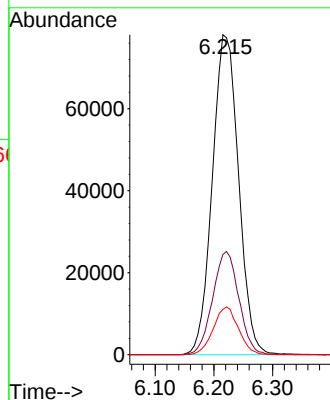
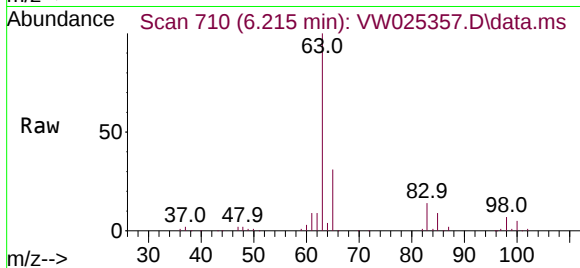
Tgt Ion: 63 Resp: 242327

Ion Ratio Lower Upper

63 100

65 31.3 22.1 41.1

83 14.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 24.124 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

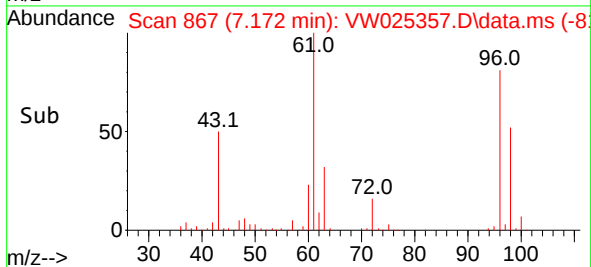
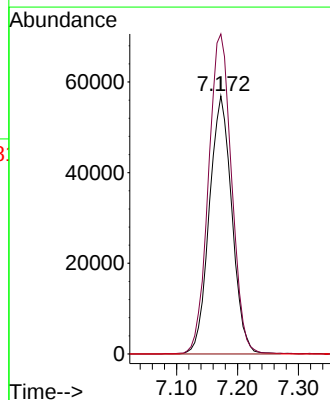
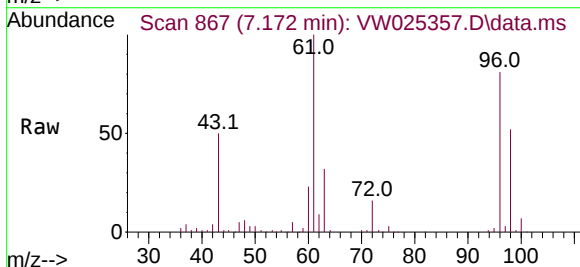
Tgt Ion: 96 Resp: 146593

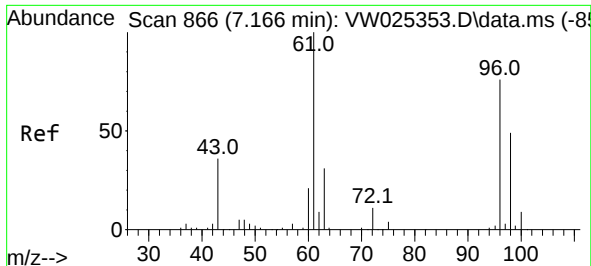
Ion Ratio Lower Upper

96 100

61 124.0 90.9 168.9

68 0.0 0.0 0.0

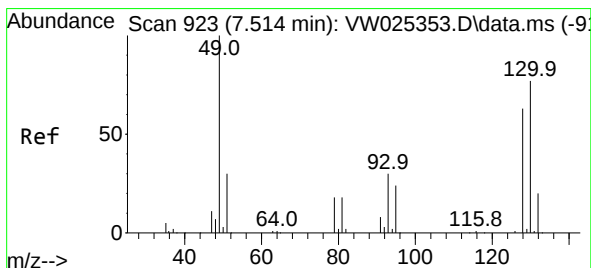
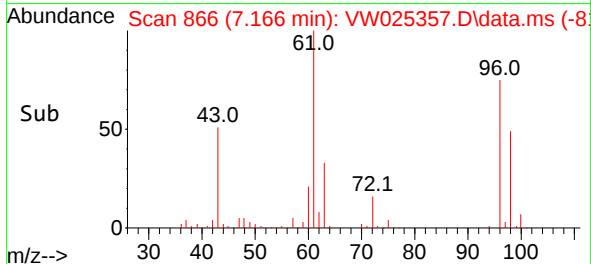
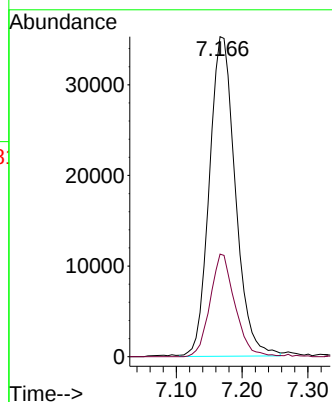
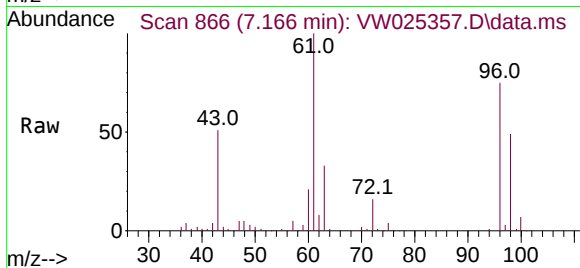




#22
2-Butanone
Concen: 61.481 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

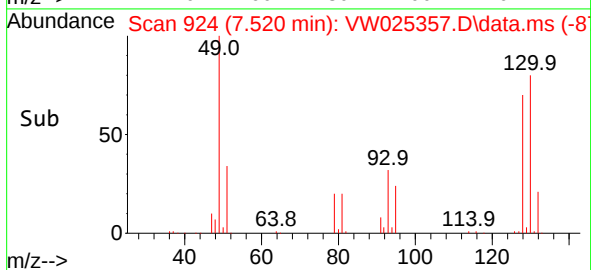
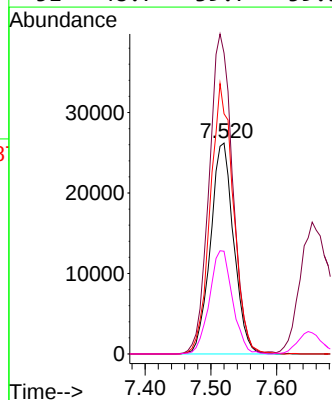
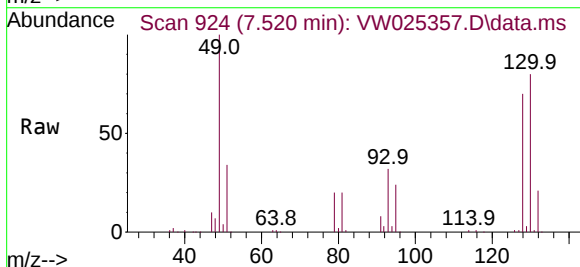
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

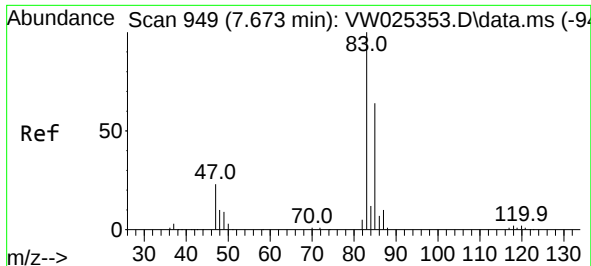
Tgt Ion: 43 Resp: 97139
Ion Ratio Lower Upper
43 100
72 30.6 15.0 45.1



#23
Bromochloromethane
Concen: 24.843 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 128 Resp: 64420
Ion Ratio Lower Upper
128 100
49 142.6 102.4 190.2
130 113.9 90.1 167.3
51 48.7 39.7 59.5

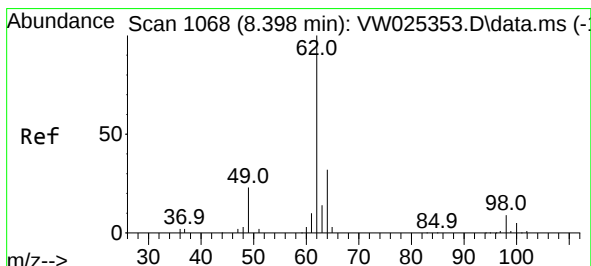
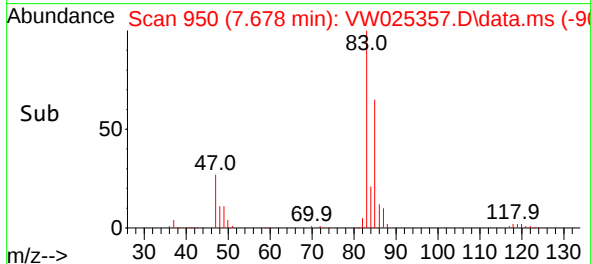
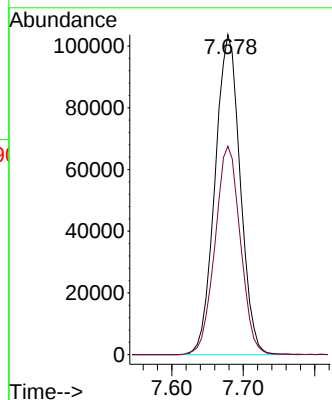
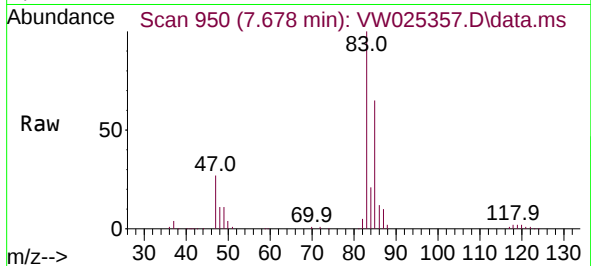




#25
Chloroform
Concen: 23.702 ug/L
RT: 7.678 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

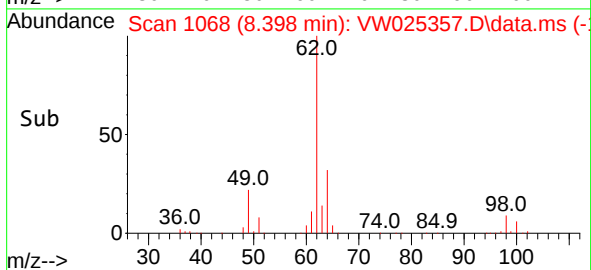
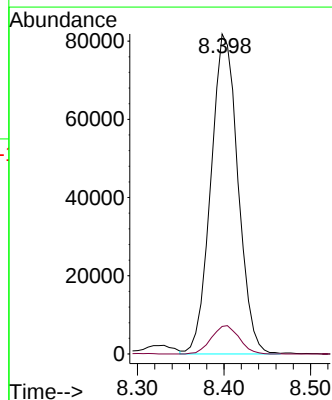
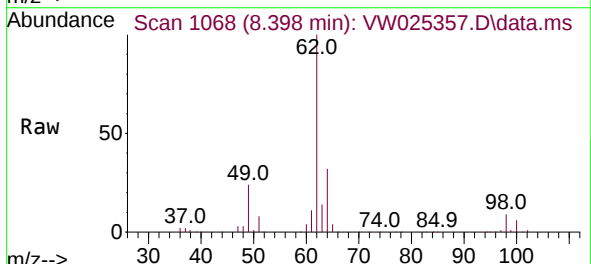
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

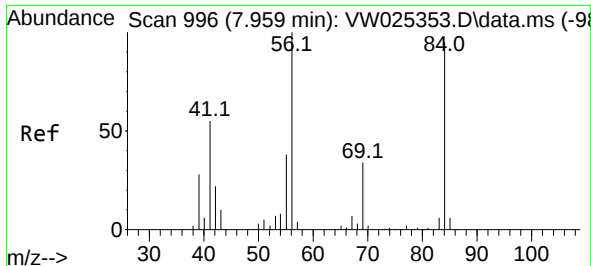
Tgt Ion: 83 Resp: 253476
Ion Ratio Lower Upper
83 100
85 65.1 45.9 85.3



#27
1,2-Dichloroethane
Concen: 24.694 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 62 Resp: 178132
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0

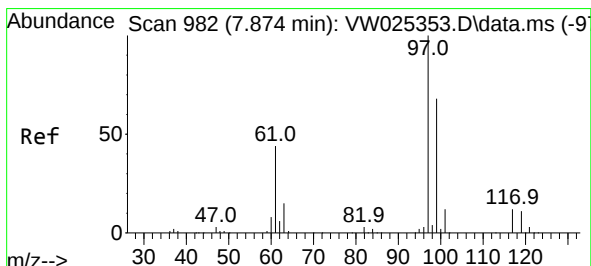
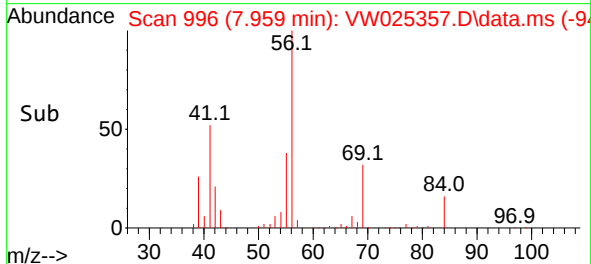
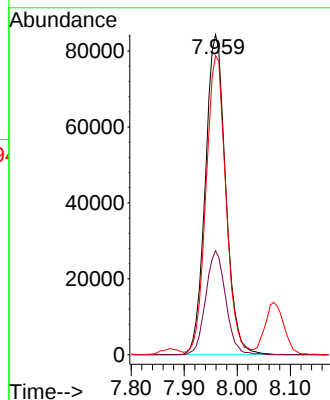
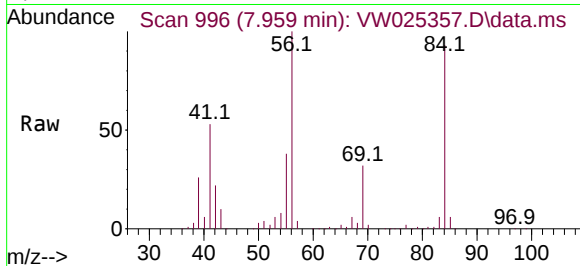




#29
Cyclohexane
Concen: 23.595 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

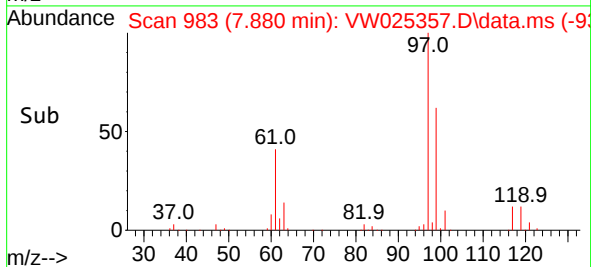
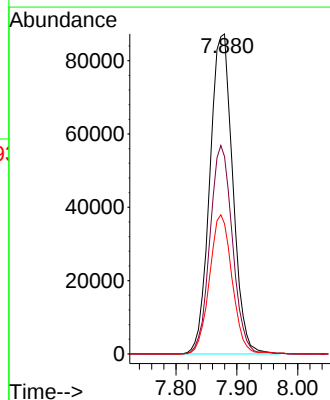
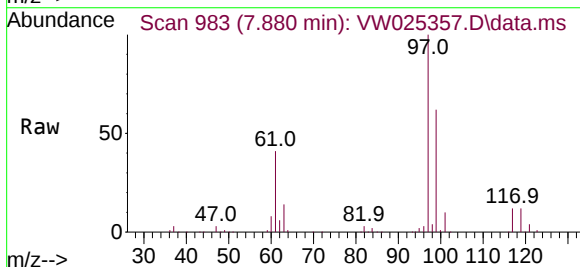
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

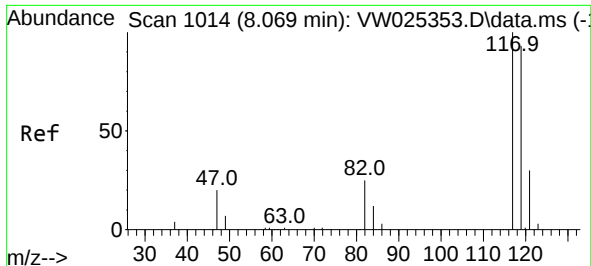
Tgt Ion: 56 Resp: 224741
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 92.0 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 23.329 ug/L
RT: 7.880 min Scan# 983
Delta R.T. 0.006 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 97 Resp: 228670
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 42.7 35.1 52.7

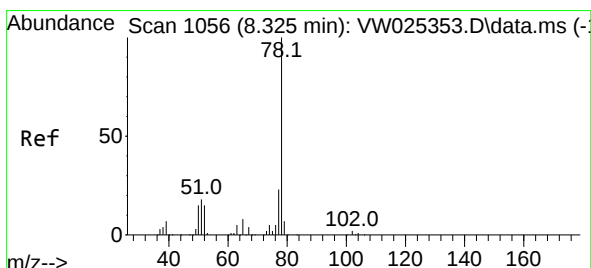
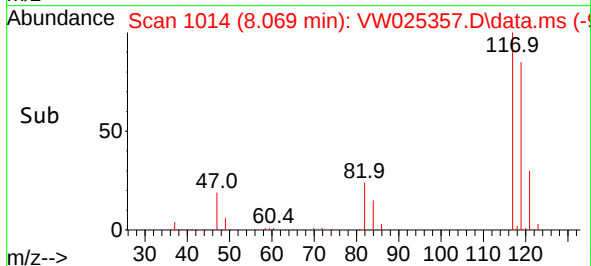
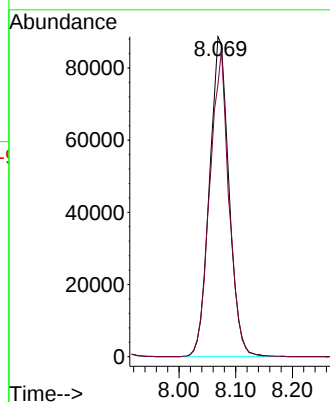
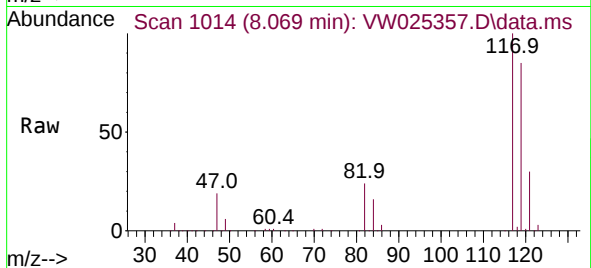




#31
Carbon tetrachloride
Concen: 22.910 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

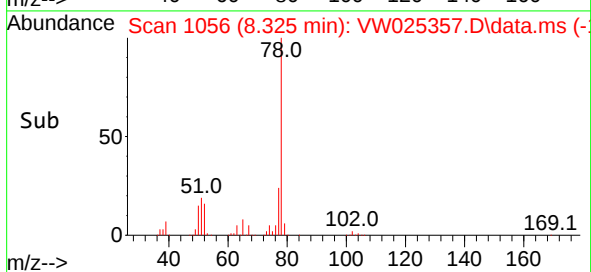
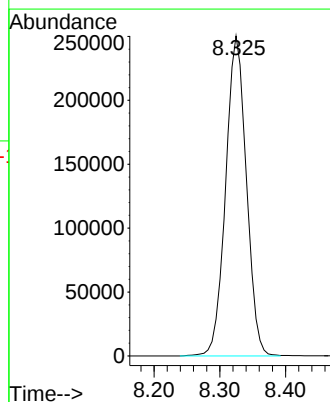
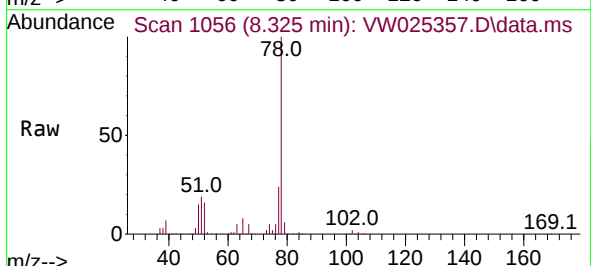
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

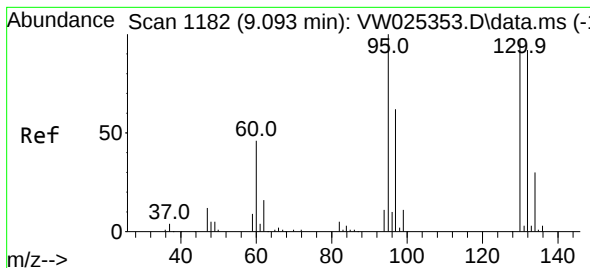
Tgt Ion:117 Resp: 211363
Ion Ratio Lower Upper
117 100
119 94.2 76.3 114.5



#33
Benzene
Concen: 23.702 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 78 Resp: 548385





#34

Trichloroethene

Concen: 23.261 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MSD

Tgt Ion: 95 Resp: 150299

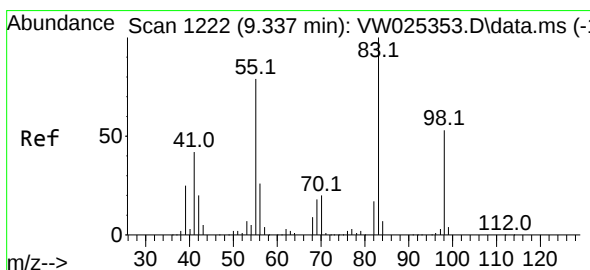
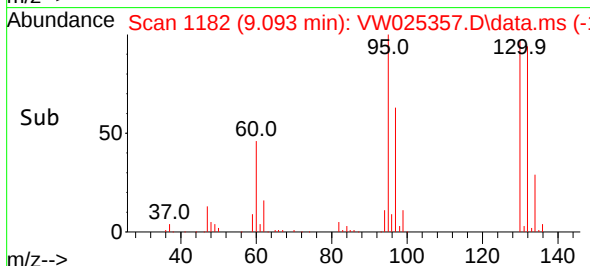
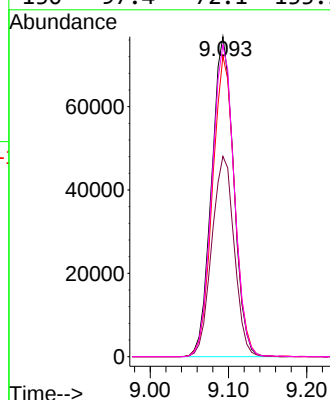
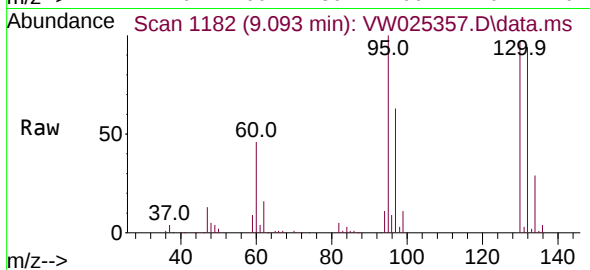
Ion Ratio Lower Upper

95 100

97 62.6 46.3 85.9

132 93.9 69.3 128.7

130 97.4 72.1 133.9



#35

Methylcyclohexane

Concen: 22.338 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

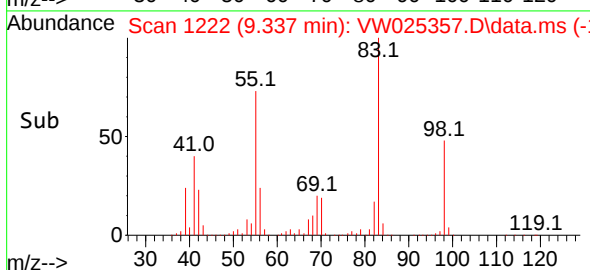
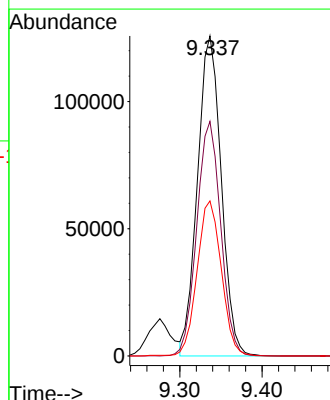
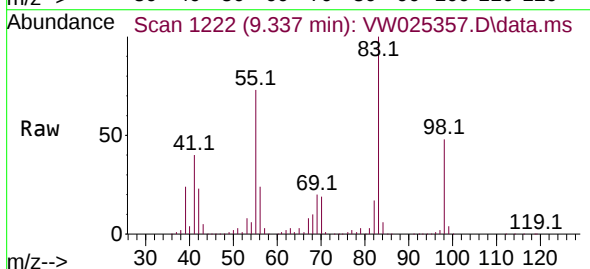
Tgt Ion: 83 Resp: 252935

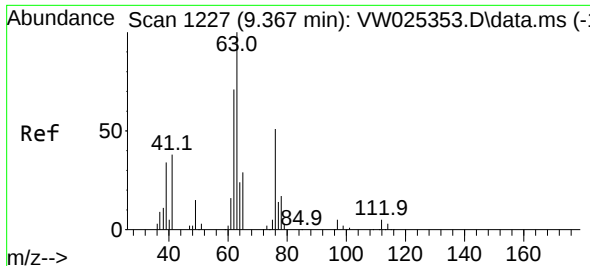
Ion Ratio Lower Upper

83 100

55 73.7 58.4 87.6

98 49.4 39.1 58.7





#37

1,2-Dichloropropane

Concen: 24.051 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

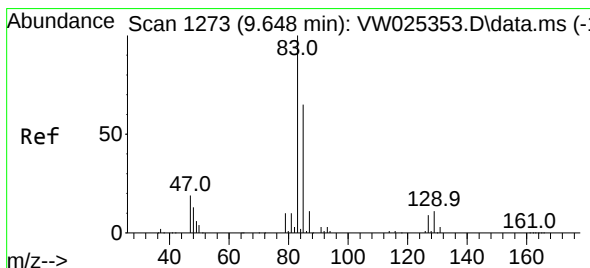
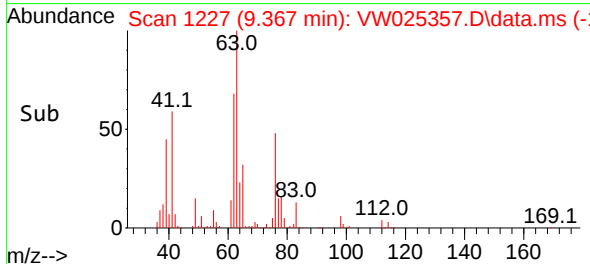
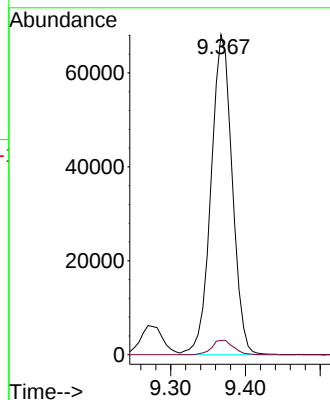
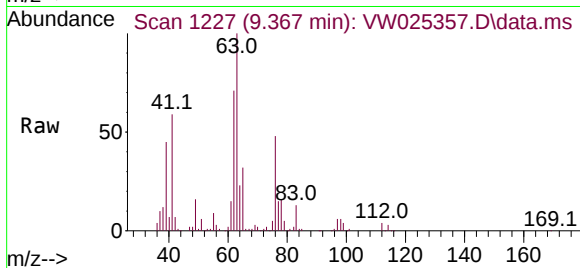
EXZC0MSD

Tgt Ion: 63 Resp: 134600

Ion Ratio Lower Upper

63 100

112 4.6 3.9 5.9



#38

Bromodichloromethane

Concen: 24.011 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

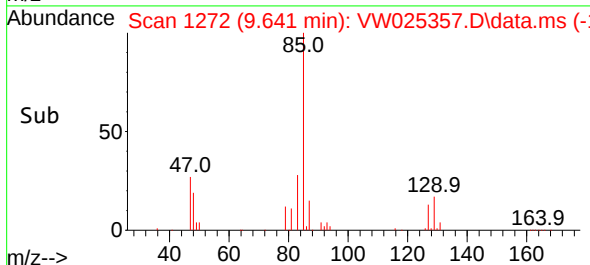
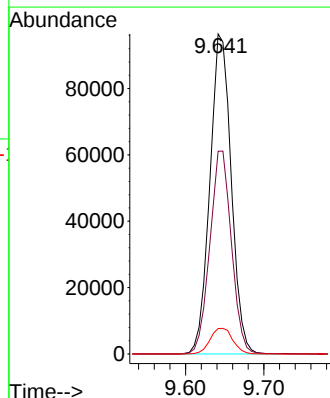
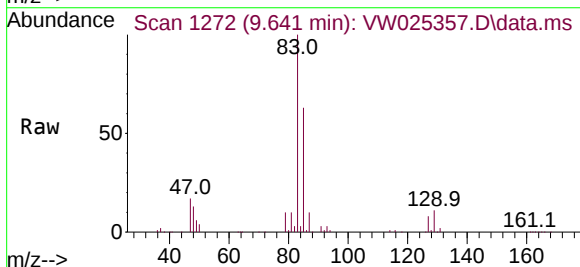
Tgt Ion: 83 Resp: 182270

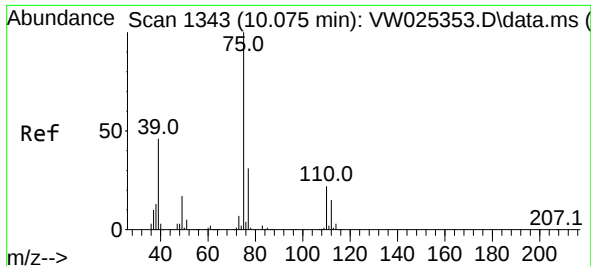
Ion Ratio Lower Upper

83 100

85 63.3 46.0 85.4

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.754 ug/L

RT: 10.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

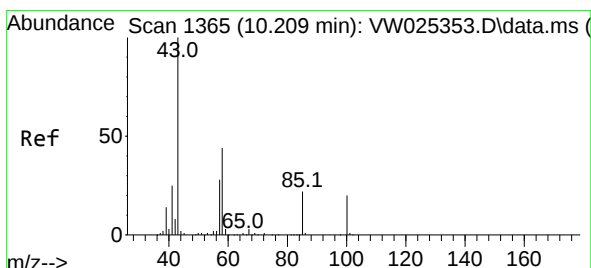
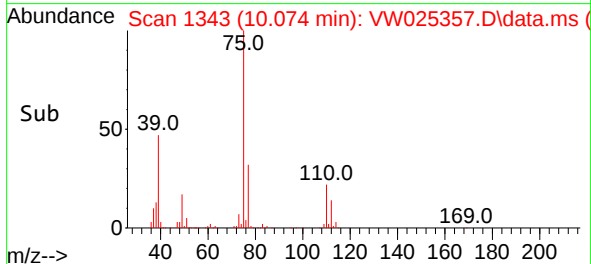
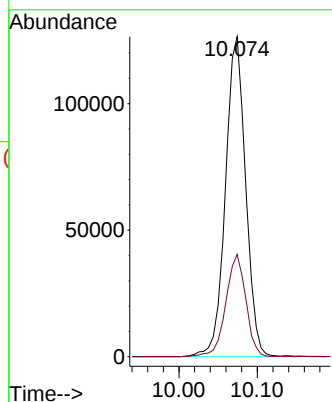
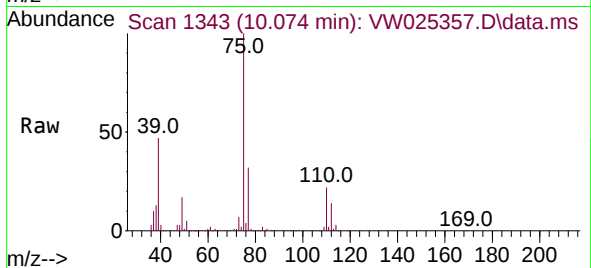
EXZC0MSD

Tgt Ion: 75 Resp: 226655

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 54.454 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

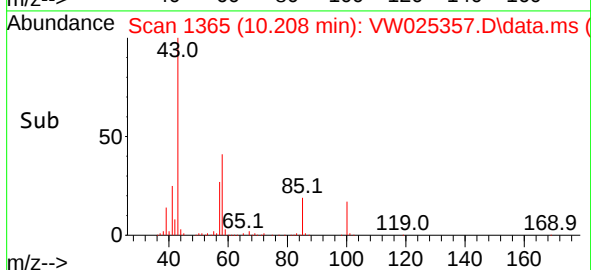
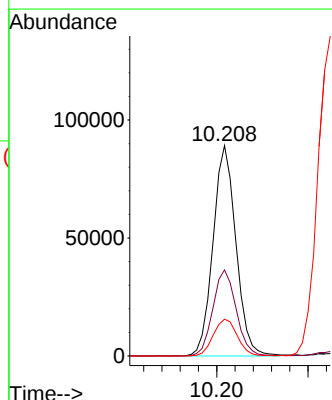
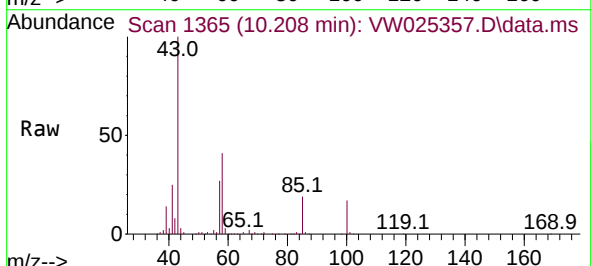
Tgt Ion: 43 Resp: 155034

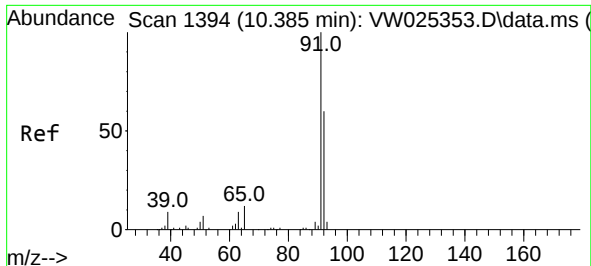
Ion Ratio Lower Upper

43 100

58 41.8 33.9 50.9

100 18.2 14.8 22.2

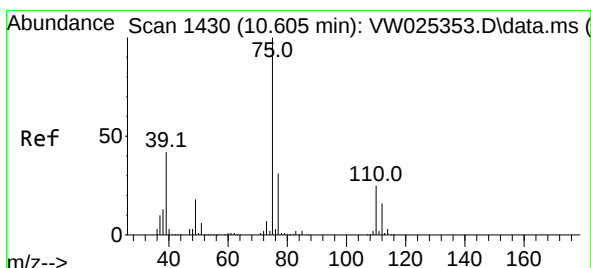
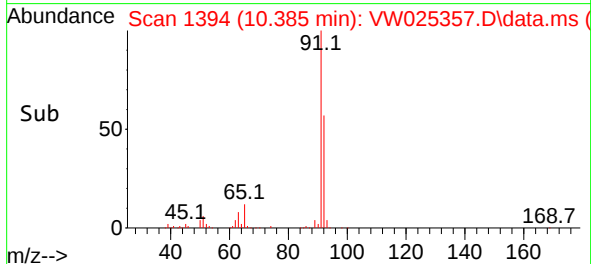
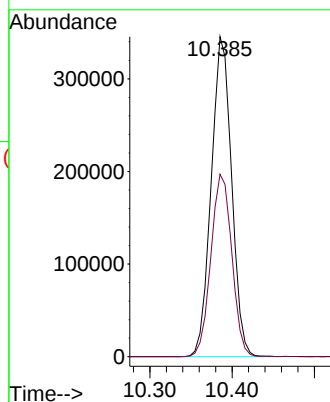
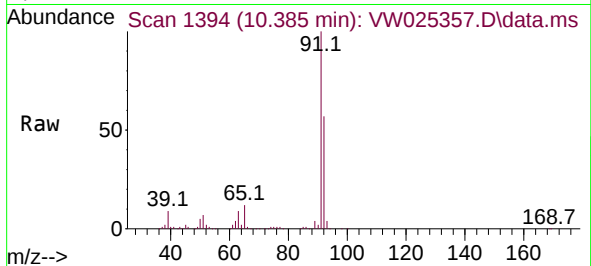




#42
Toluene
Concen: 23.869 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

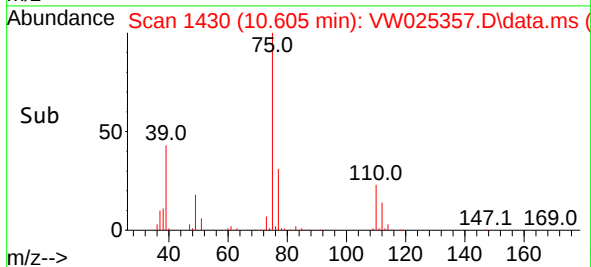
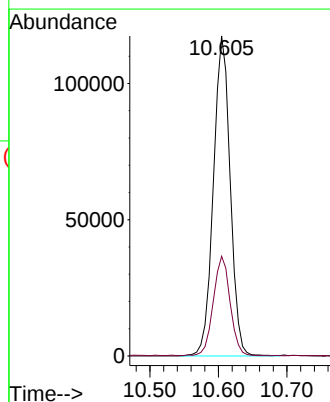
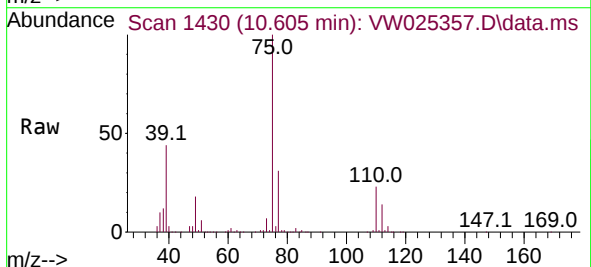
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

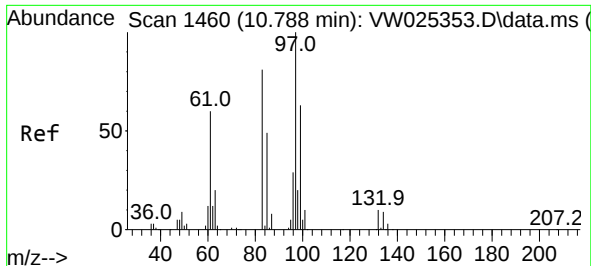
Tgt Ion: 91 Resp: 594535
Ion Ratio Lower Upper
91 100
92 57.0 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 25.996 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 75 Resp: 200091
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7



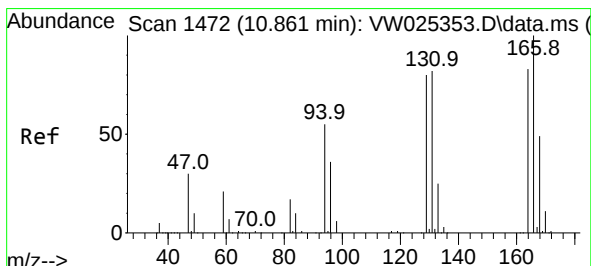
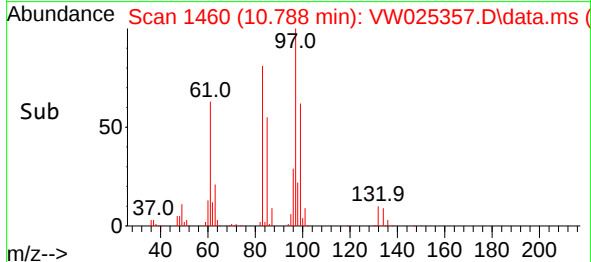
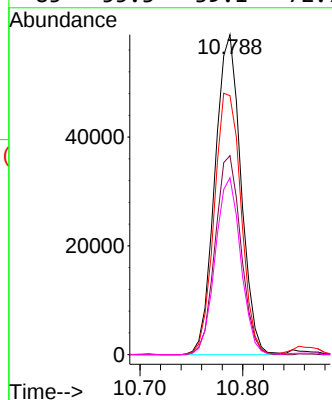
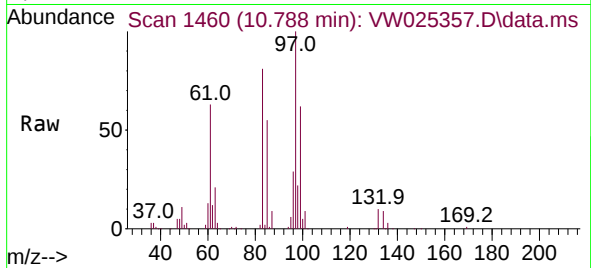


#45
1,1,2-Trichloroethane
Concen: 24.853 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

Tgt Ion: 97 Resp: 103744

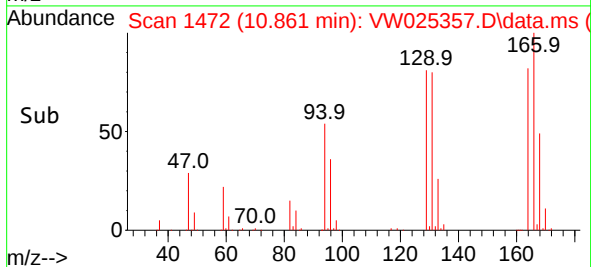
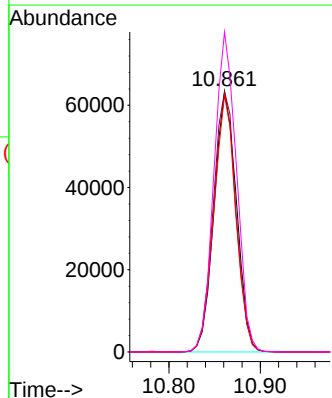
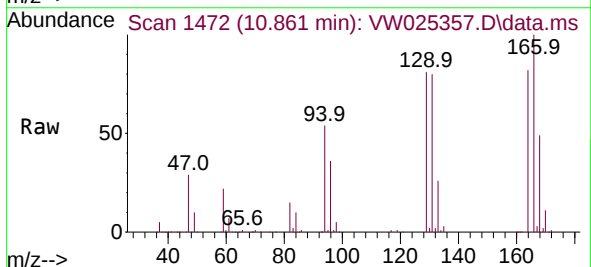
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.6	79.0
83	81.0	59.3	110.1
85	55.3	39.1	72.7

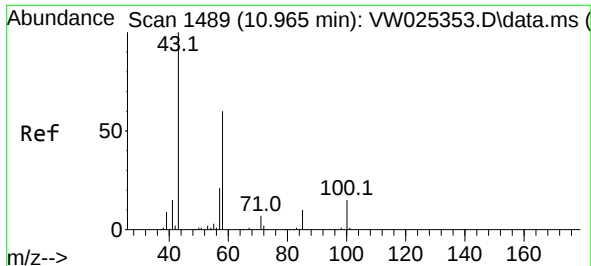


#46
Tetrachloroethene
Concen: 22.185 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 164 Resp: 108247

Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.6	129.2
131	98.4	67.4	125.2
166	122.7	88.5	164.3

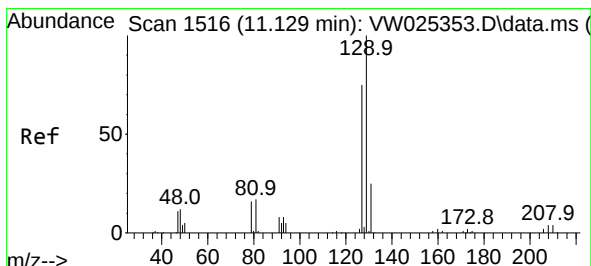
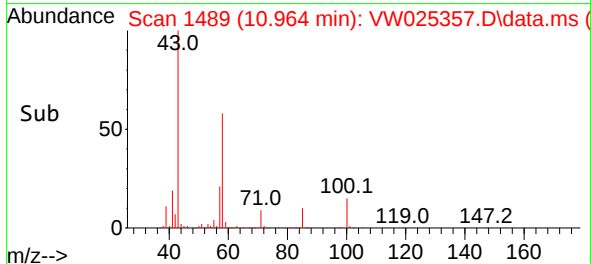
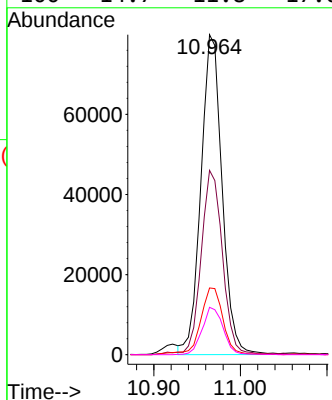
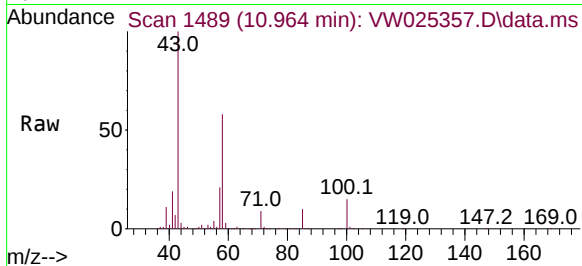




#48
2-Hexanone
Concen: 63.976 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

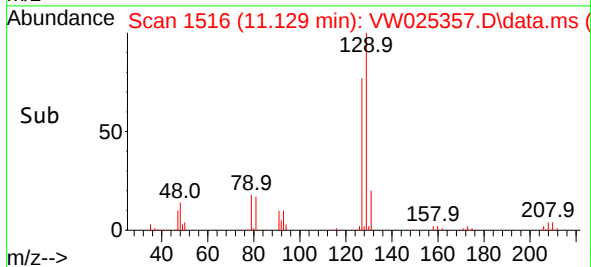
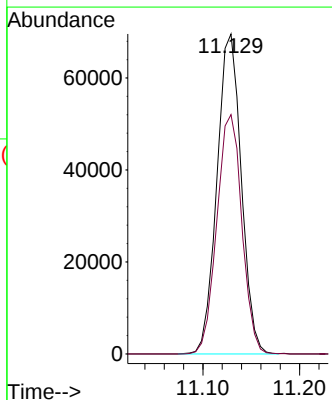
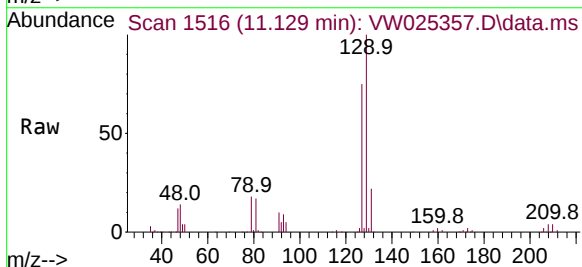
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

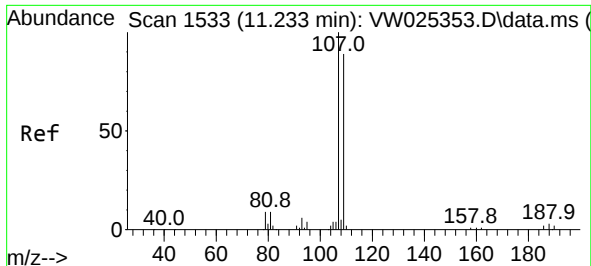
Tgt Ion: 43 Resp: 135948
Ion Ratio Lower Upper
43 100
58 57.4 47.0 70.4
57 22.2 17.0 25.4
100 14.7 11.8 17.6



#49
Dibromochloromethane
Concen: 25.198 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion:129 Resp: 121501
Ion Ratio Lower Upper
129 100
127 74.8 55.3 102.7

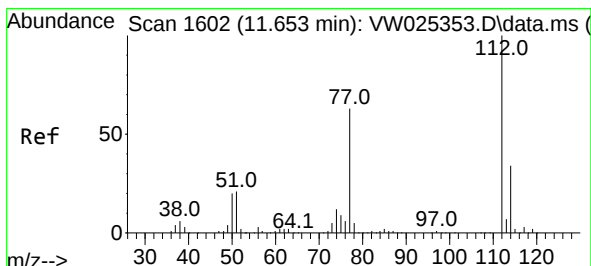
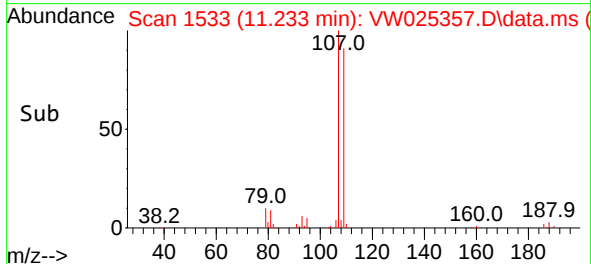
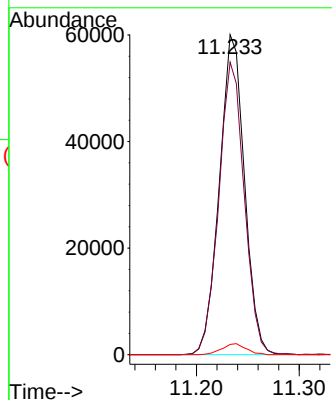
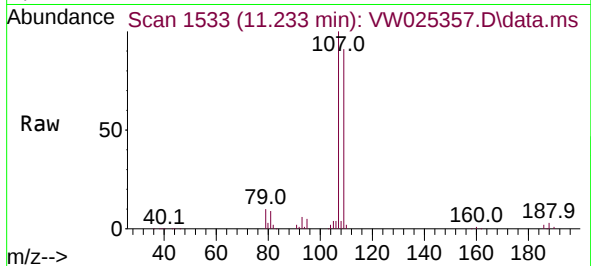




#50
1,2-Dibromoethane
Concen: 25.437 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

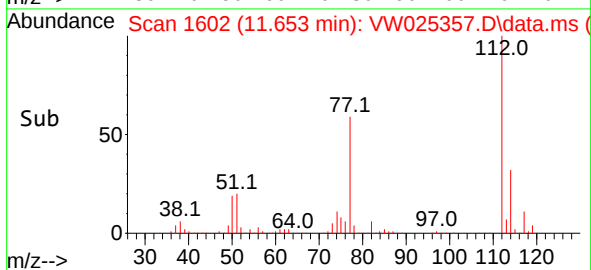
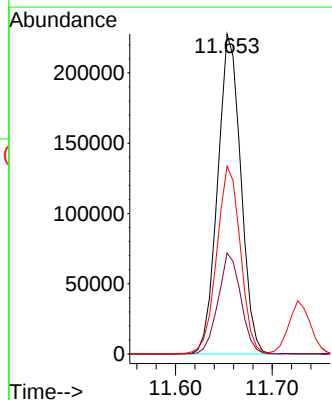
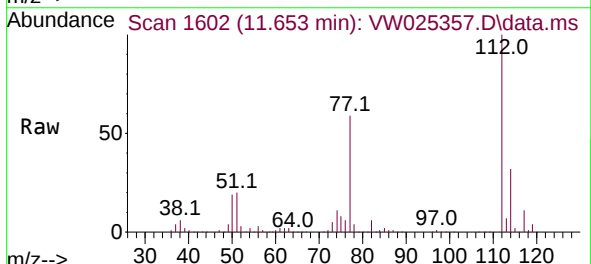
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

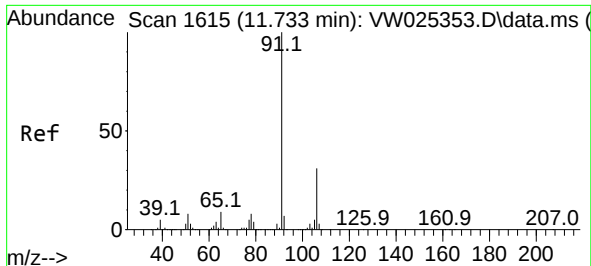
Tgt Ion:107 Resp: 101790
Ion Ratio Lower Upper
107 100
109 91.4 65.9 122.5
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 23.613 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion:112 Resp: 377714
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 58.7 48.2 72.2

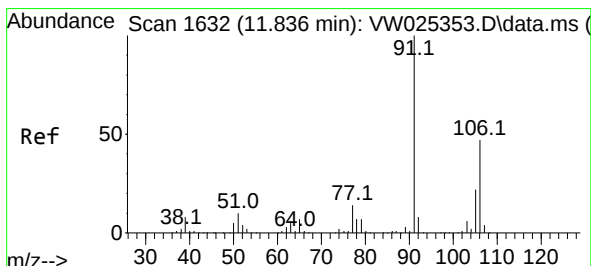
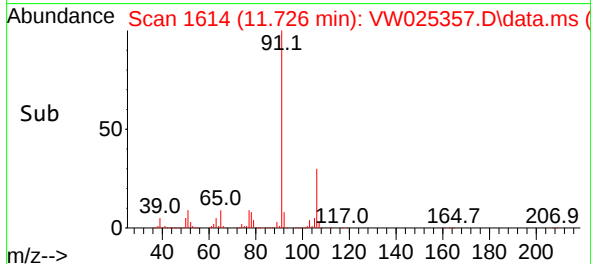
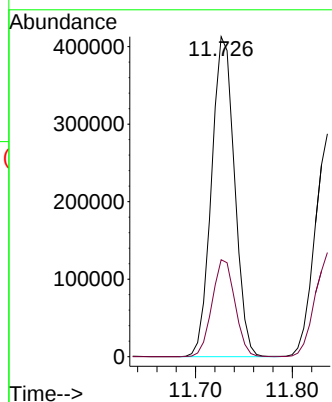
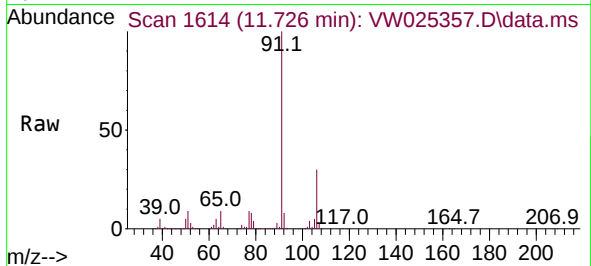




#52
Ethylbenzene
Concen: 23.650 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

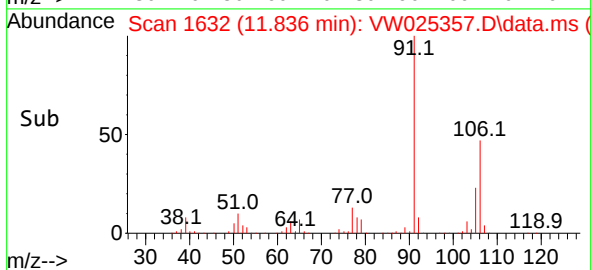
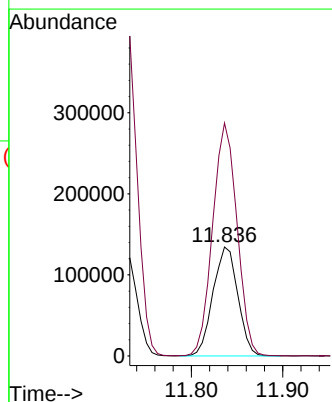
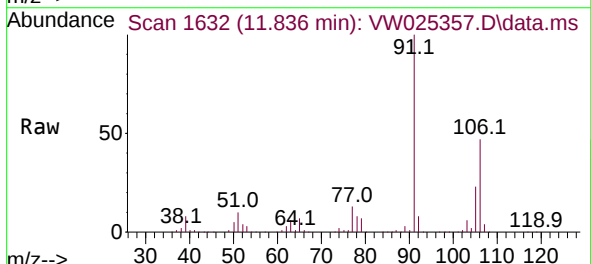
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

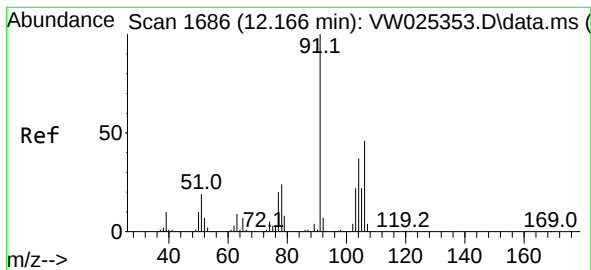
Tgt Ion: 91 Resp: 682620
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.6



#53
m,p-Xylene
Concen: 23.173 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion:106 Resp: 254132
Ion Ratio Lower Upper
106 100
91 213.9 144.1 267.7





#54

o-Xylene

Concen: 24.161 ug/L

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

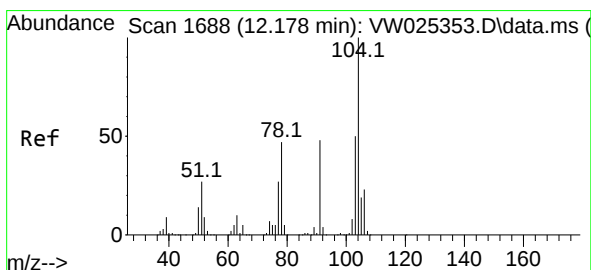
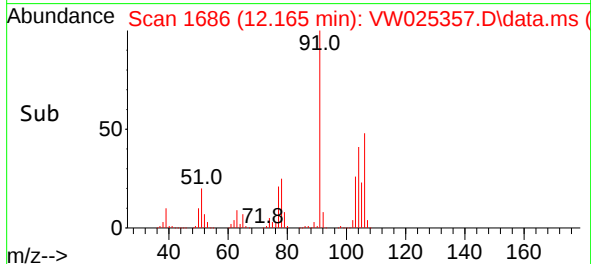
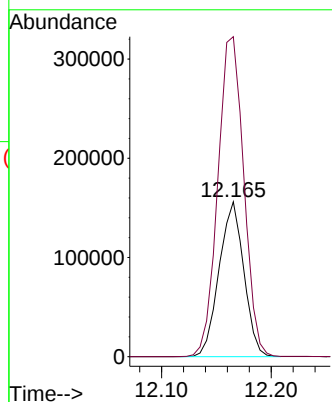
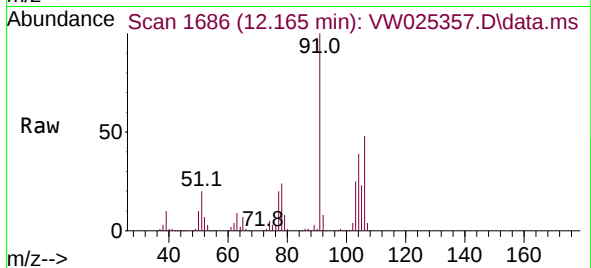
EXZC0MSD

Tgt Ion:106 Resp: 244951

Ion Ratio Lower Upper

106 100

91 206.6 157.1 291.7



#55

Styrene

Concen: 24.530 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW025357.D

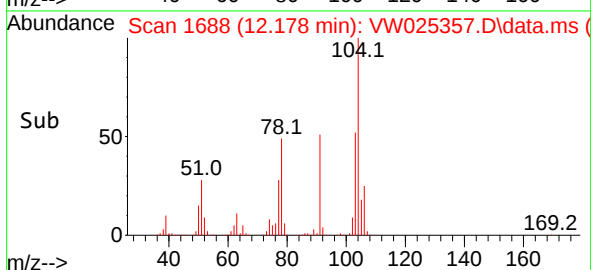
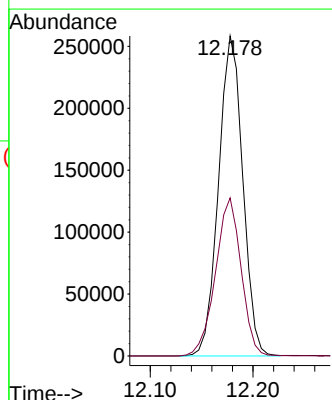
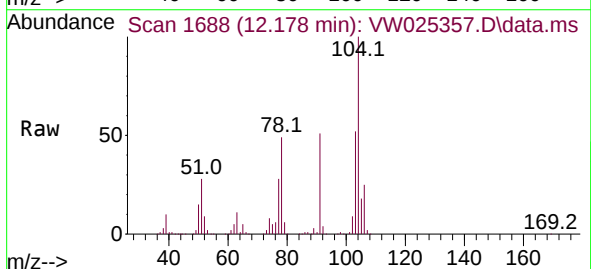
Acq: 22 Feb 2023 14:05

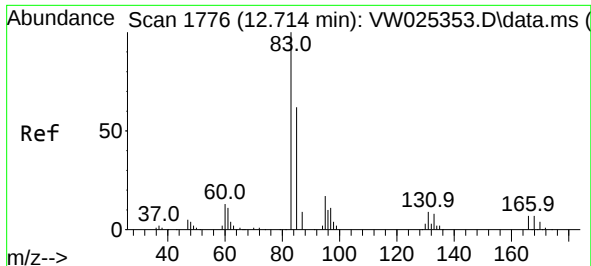
Tgt Ion:104 Resp: 422948

Ion Ratio Lower Upper

104 100

78 49.4 36.6 68.0





#57

1,1,2-Tetrachloroethane

Concen: 25.613 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MSD

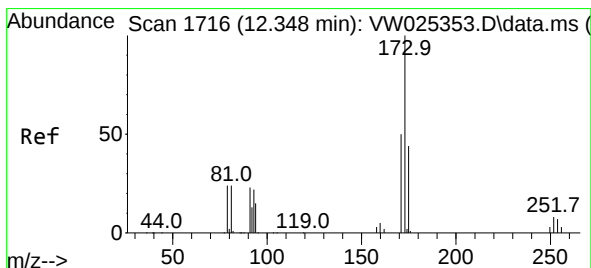
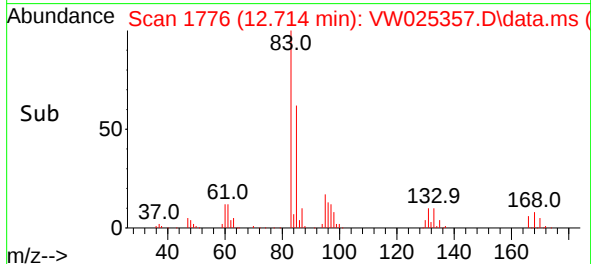
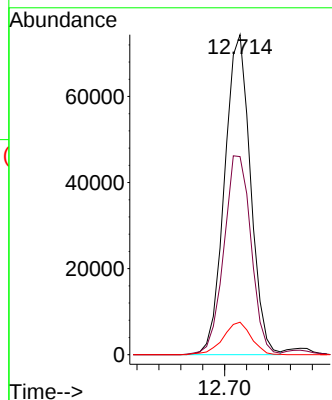
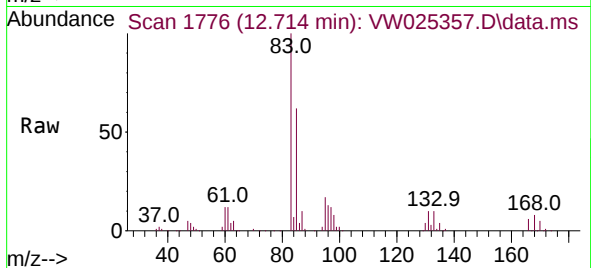
Tgt Ion: 83 Resp: 122056

Ion Ratio Lower Upper

83 100

85 61.9 45.6 84.6

131 10.2 8.2 12.2



#59

Bromoform

Concen: 24.537 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

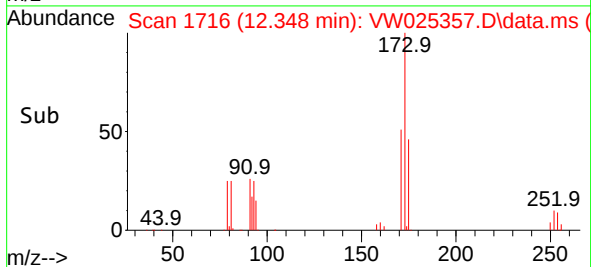
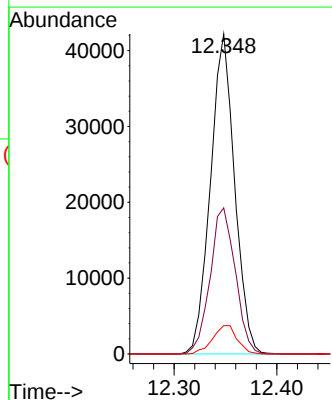
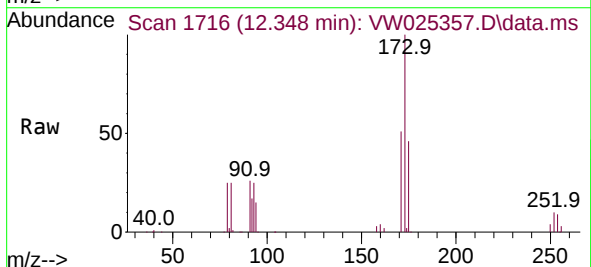
Tgt Ion: 173 Resp: 68938

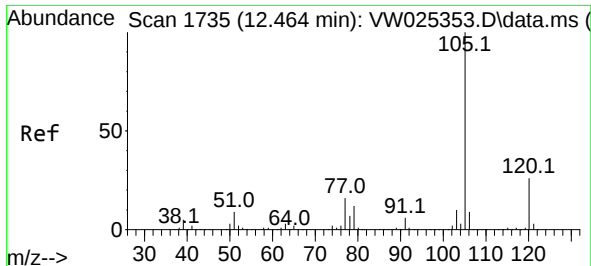
Ion Ratio Lower Upper

173 100

175 47.5 39.0 58.6

254 9.0 7.3 10.9

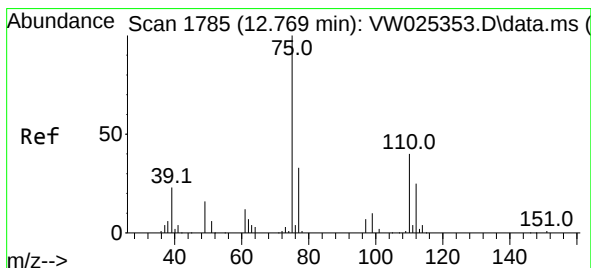
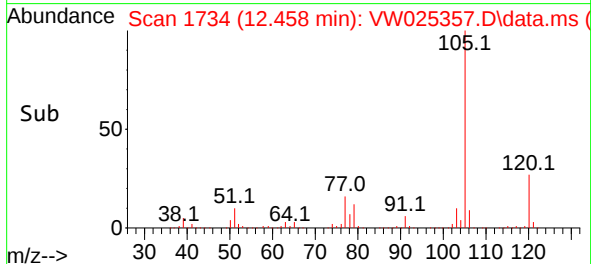
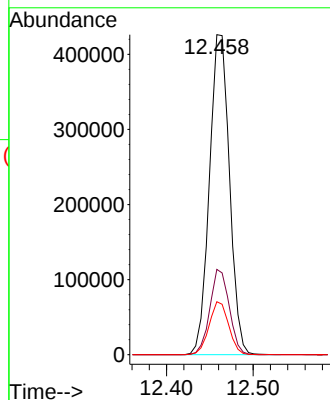
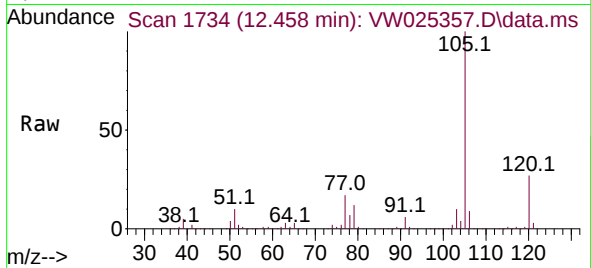




#60
Isopropylbenzene
Concen: 22.370 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

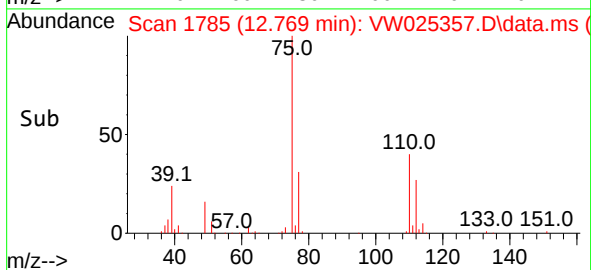
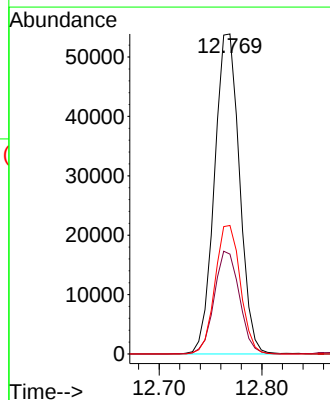
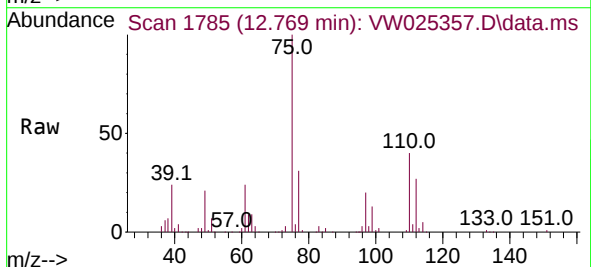
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

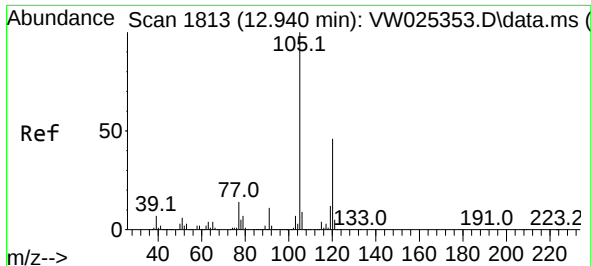
Tgt Ion:105 Resp: 686657
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 24.557 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion: 75 Resp: 91309
Ion Ratio Lower Upper
75 100
77 32.4 26.3 39.5
110 40.4 32.6 49.0





#62

1,3,5-Trimethylbenzene

Concen: 22.888 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

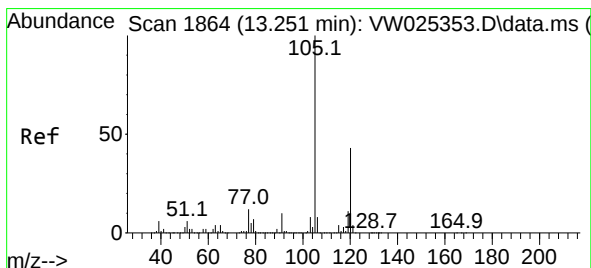
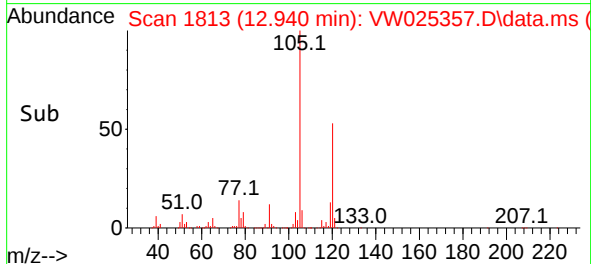
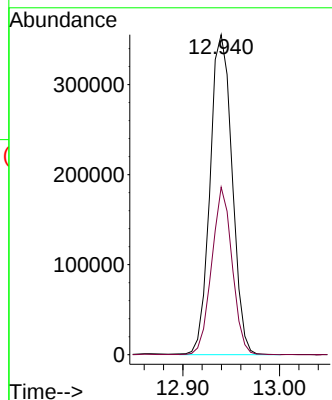
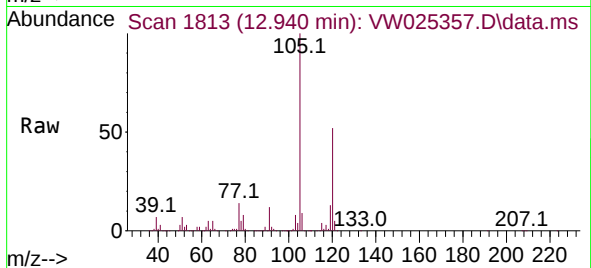
EXZC0MSD

Tgt Ion:105 Resp: 564226

Ion Ratio Lower Upper

105 100

120 48.4 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 24.342 ug/L

RT: 13.244 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VW025357.D

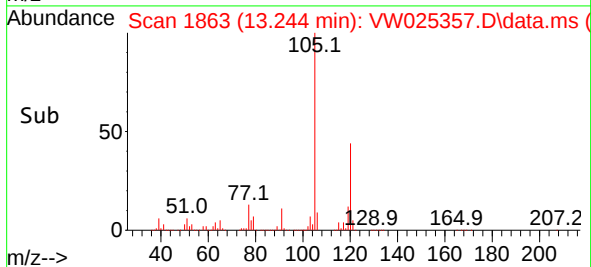
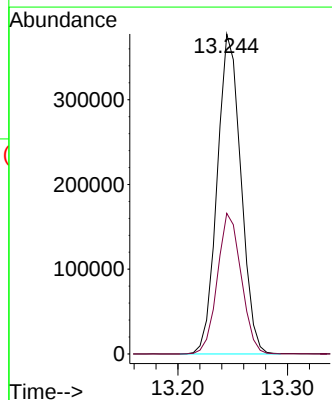
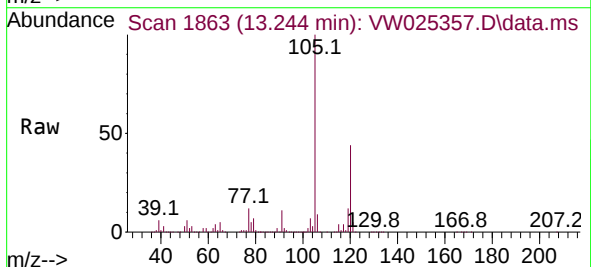
Acq: 22 Feb 2023 14:05

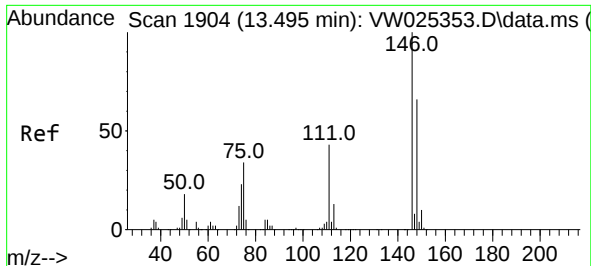
Tgt Ion:105 Resp: 568024

Ion Ratio Lower Upper

105 100

120 44.1 35.6 53.4

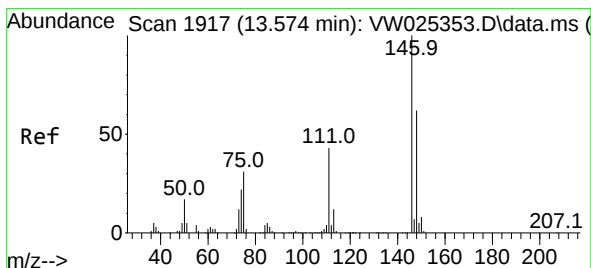
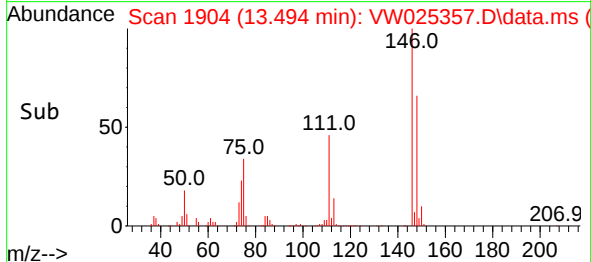
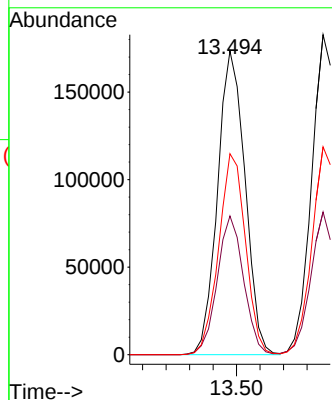
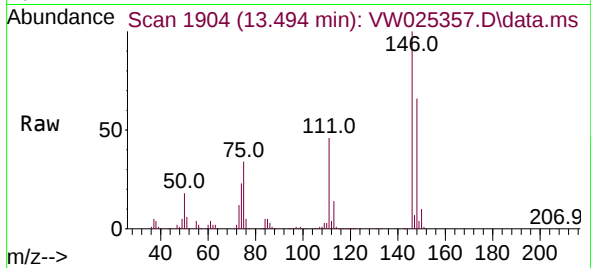




#64
1,3-Dichlorobenzene
Concen: 23.507 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

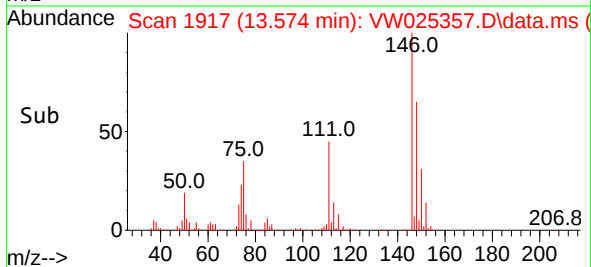
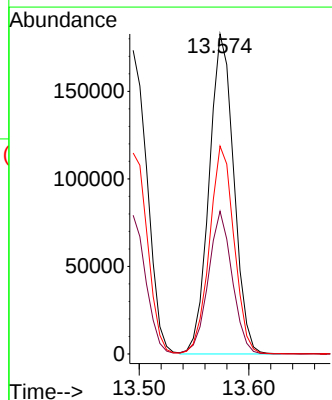
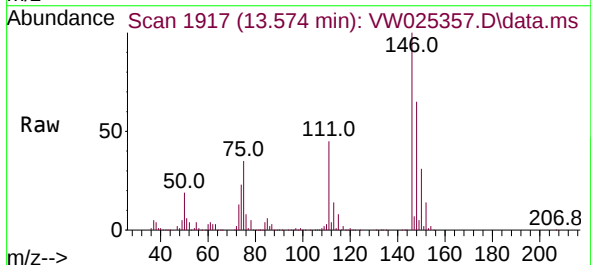
Instrument :
MSVOA_W
ClientSampleId :
EXZC0MSD

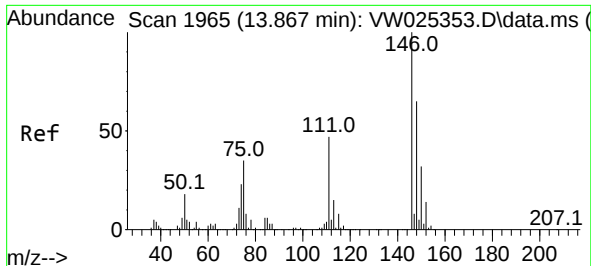
Tgt Ion:146 Resp: 282148
Ion Ratio Lower Upper
146 100
111 45.7 29.5 54.7
148 66.1 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 23.763 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025357.D
Acq: 22 Feb 2023 14:05

Tgt Ion:146 Resp: 285938
Ion Ratio Lower Upper
146 100
111 44.6 29.8 55.3
148 64.9 41.7 77.5





#67

1,2-Dichlorobenzene

Concen: 22.642 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MSD

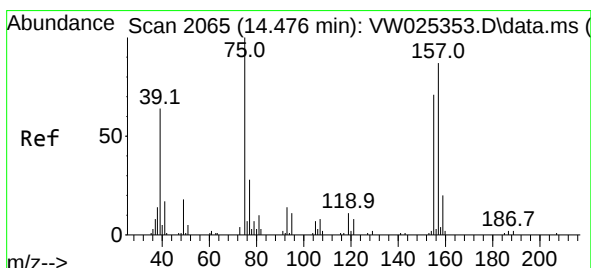
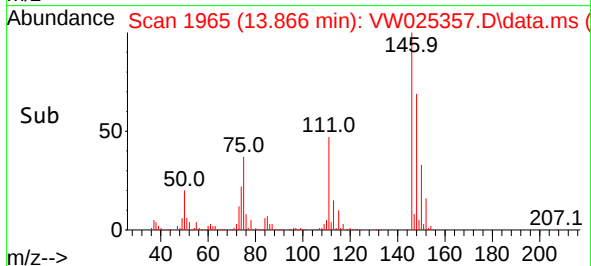
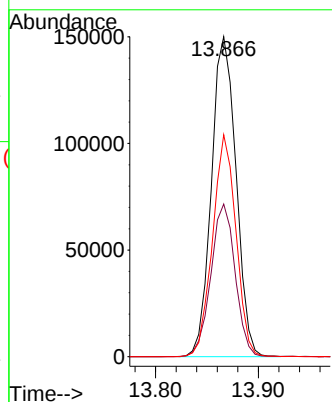
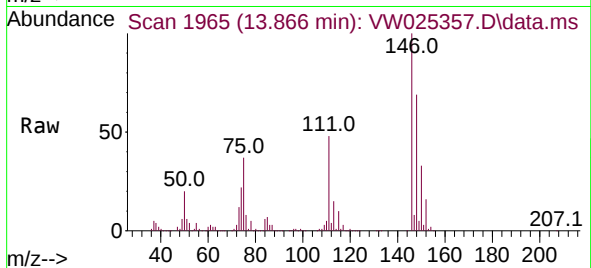
Tgt Ion:146 Resp: 249213

Ion Ratio Lower Upper

146 100

111 47.7 36.5 54.7

148 69.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.603 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

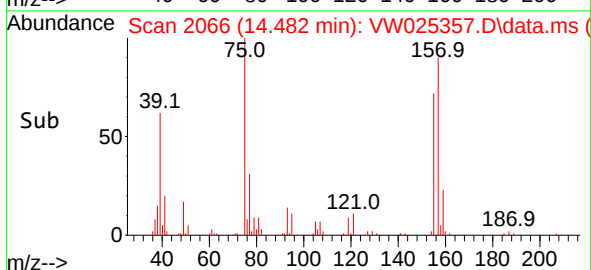
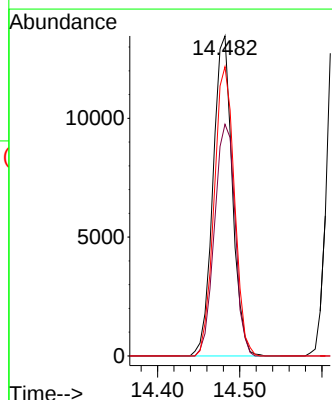
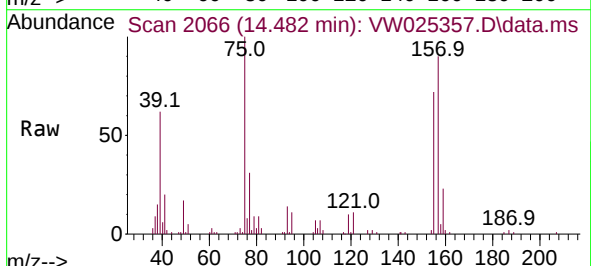
Tgt Ion: 75 Resp: 21997

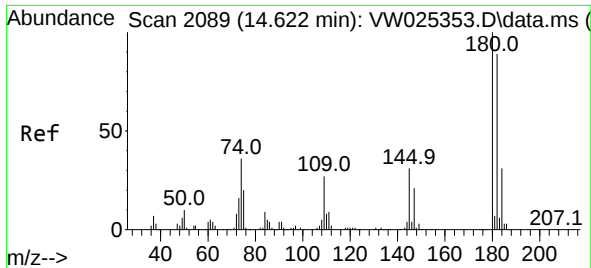
Ion Ratio Lower Upper

75 100

155 72.4 58.6 87.8

157 90.4 71.4 107.0

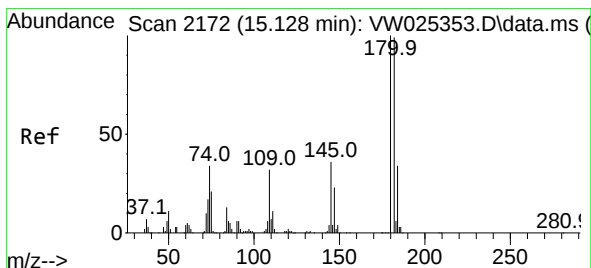
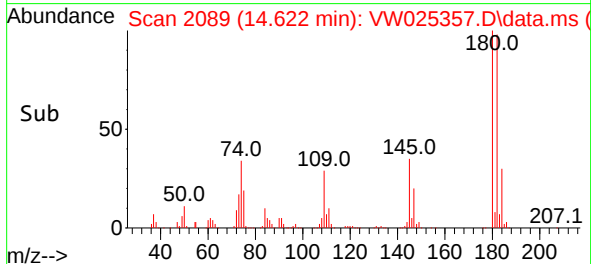
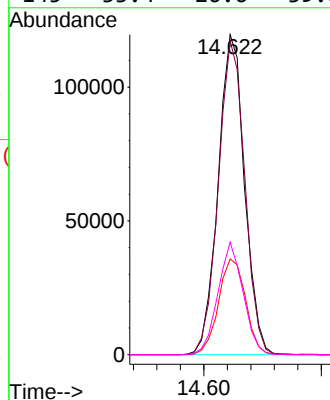
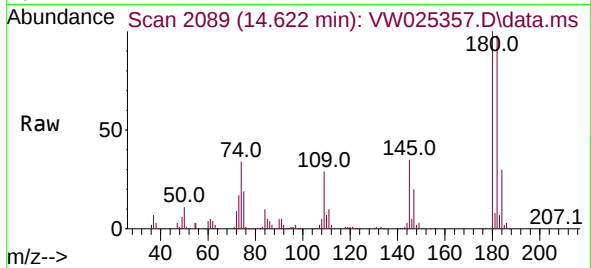




#69
 1,3,5-Trichlorobenzene
 Concen: 22.766 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

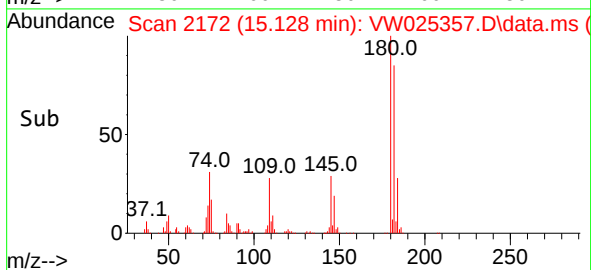
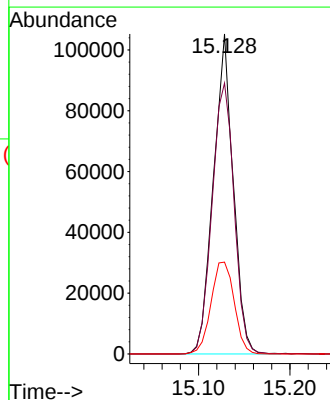
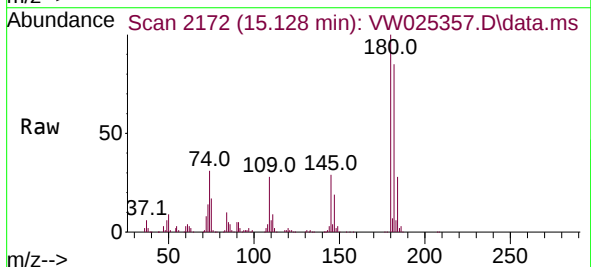
Instrument :
 MSVOA_W
 ClientSampleId :
 EXZC0MSD

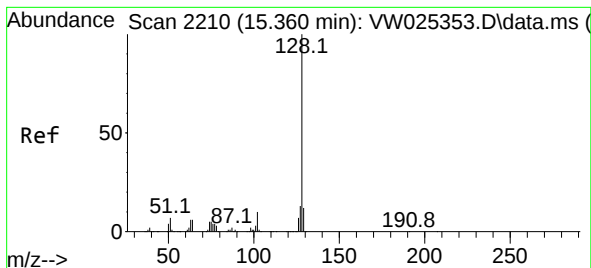
Tgt Ion:	180	Resp:	187031
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.5	114.7
184	30.7	25.2	37.8
145	33.4	26.6	39.8



#70
 1,2,4-trichlorobenzene
 Concen: 22.209 ug/L
 RT: 15.128 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW025357.D
 Acq: 22 Feb 2023 14:05

Tgt Ion:	180	Resp:	158325
Ion Ratio	Lower	Upper	
180	100		
182	94.0	72.6	109.0
145	33.6	26.4	39.6





#71

Naphthalene

Concen: 25.149 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Instrument :

MSVOA_W

ClientSampleId :

EXZC0MSD

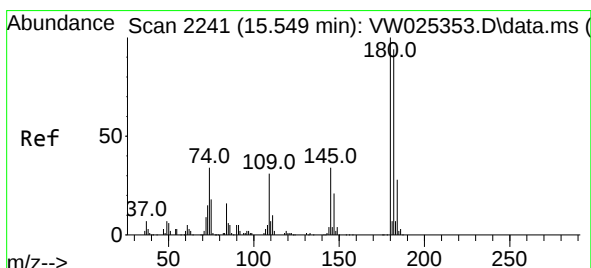
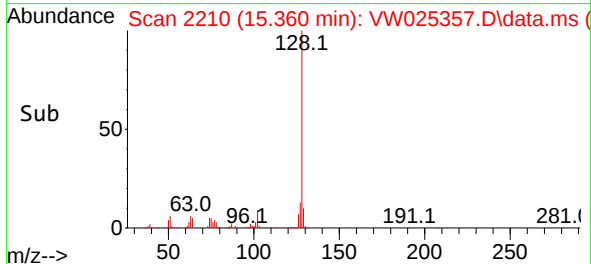
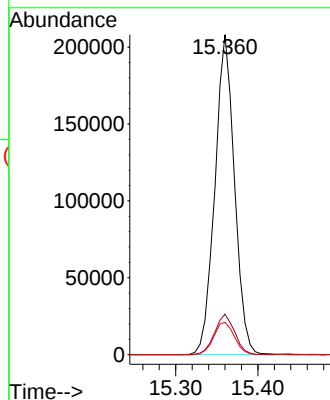
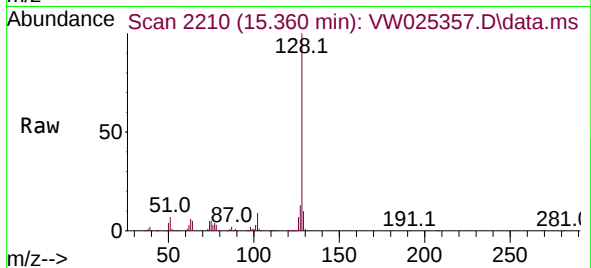
Tgt Ion:128 Resp: 344729

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.222 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025357.D

Acq: 22 Feb 2023 14:05

Tgt Ion:180 Resp: 140590

Ion Ratio Lower Upper

180 100

182 92.4 76.6 115.0

145 35.5 29.3 43.9

