

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022934.D
 Acq On : 09 May 2022 16:52
 Operator : SY/VA
 Sample : N2714-04MSD
 Misc : 5.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW2X5MSD

Quant Time: May 09 22:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	380424	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	343695	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151946	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	131111	16.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.200%
7) Chloroethane-d5	2.885	69	109873	21.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
11) 1,1-Dichloroethene-d2	4.019	63	190286	18.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.480%
21) 2-Butanone-d5	7.074	46	51955	35.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.020%
24) Chloroform-d	7.647	84	242535	21.761	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.040%
26) 1,2-Dichloroethane-d4	8.305	65	124365	20.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.360%
32) Benzene-d6	8.275	84	452645	22.849	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	9.275	67	132150	23.748	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	10.323	98	422264	22.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.280%
43) trans-1,3-Dichloroprop...	10.579	79	50735	19.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.200%
47) 2-Hexanone-d5	10.921	63	44006	41.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.840%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	103527	19.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	111436	20.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	34020	16.405	ug/L	98
3) Chloromethane	2.215	50	77577	19.358	ug/L	99
5) Vinyl chloride	2.361	62	152911	19.013	ug/L	98
6) Bromomethane	2.776	94	88993	17.234	ug/L	92
8) Chloroethane	2.922	64	86996	22.427	ug/L	96
9) Trichlorofluoromethane	3.257	101	78832	21.446	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	110422	20.090	ug/L	98
12) 1,1-Dichloroethene	4.038	96	96681	19.843	ug/L	95
13) Acetone	4.123	43	54924	49.435	ug/L	98
14) Carbon disulfide	4.385	76	215110	16.103	ug/L	99
15) Methyl Acetate	4.666	43	34898	15.635	ug/L	98
16) Methylene chloride	4.916	84	107500	19.312	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	105523	19.245	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	167117	19.966	ug/L #	79
19) 1,1-Dichloroethane	6.214	63	197762	21.281	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	122026	20.720	ug/L #	99
22) 2-Butanone	7.171	43	55758	35.886	ug/L	98
23) Bromochloromethane	7.513	128	53485	19.392	ug/L	95
25) Chloroform	7.671	83	222763	21.679	ug/L	96

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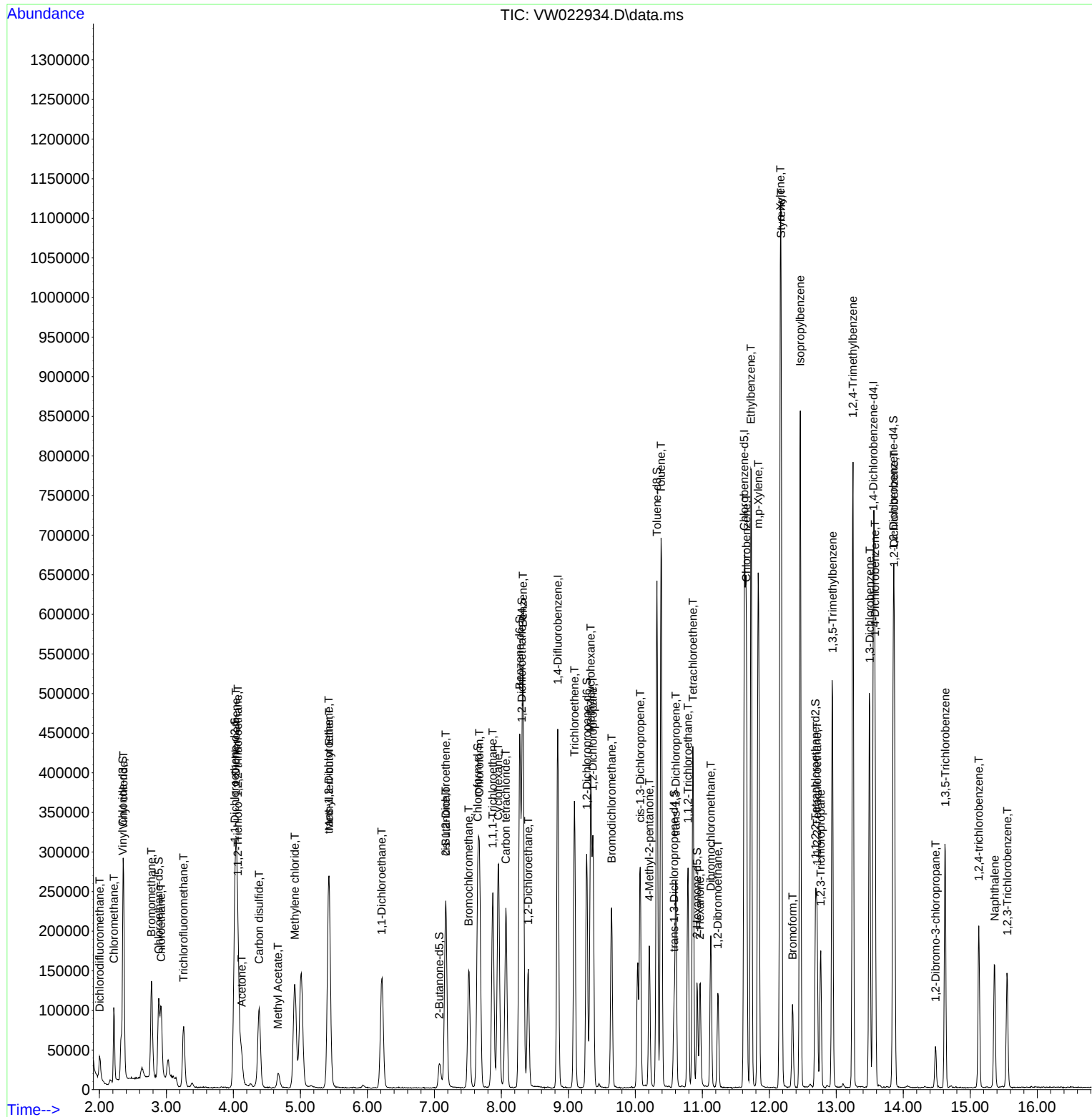
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	131352	19.176	ug/L	100
29) Cyclohexane	7.952	56	149718	20.142	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	192200	23.664	ug/L	99
31) Carbon tetrachloride	8.067	117	159974	21.056	ug/L	98
33) Benzene	8.323	78	453600	22.403	ug/L	100
34) Trichloroethene	9.092	95	122592	22.016	ug/L	98
35) Methylcyclohexane	9.336	83	158522	17.330	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107799	22.001	ug/L	99
38) Bromodichloromethane	9.646	83	148707	21.368	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	160575	21.135	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	110309	35.718	ug/L	96
42) Toluene	10.384	91	519021	22.874	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	137348	20.254	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	83764	20.450	ug/L	96
46) Tetrachloroethene	10.860	164	88563	21.164	ug/L	88
48) 2-Hexanone	10.963	43	79733	38.640	ug/L	98
49) Dibromochloromethane	11.128	129	96227	19.520	ug/L	100
50) 1,2-Dibromoethane	11.232	107	78545	19.097	ug/L	99
51) Chlorobenzene	11.658	112	316771	21.176	ug/L	98
52) Ethylbenzene	11.725	91	561120	22.228	ug/L	97
53) m,p-Xylene	11.835	106	217471	21.863	ug/L	97
54) o-Xylene	12.164	106	211990	22.209	ug/L	100
55) Styrene	12.176	104	331777	20.456	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	90860	17.760	ug/L	98
59) Bromoform	12.347	173	44562	20.694	ug/L	98
60) Isopropylbenzene	12.463	105	545910	26.226	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	66810	22.006	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	277170	23.934	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	420336	24.173	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	198689	21.379	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	196068	20.425	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	170851	20.090	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	12392	18.676	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	85194	13.810	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	56851	11.456	ug/L	100
71) Naphthalene	15.365	128	132508	12.285	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	41178	9.362	ug/L	91

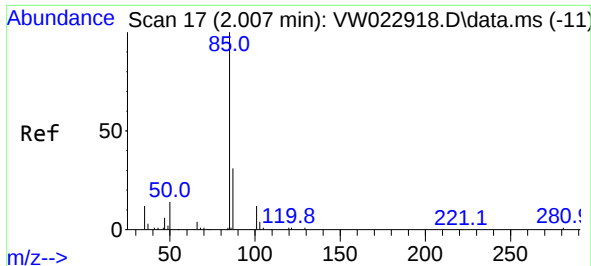
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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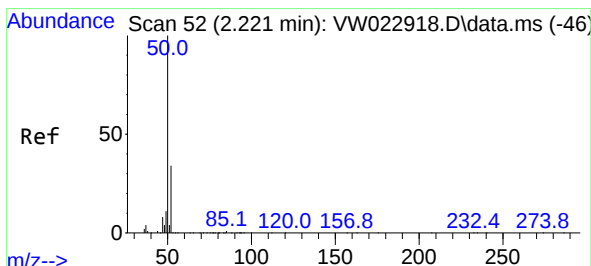
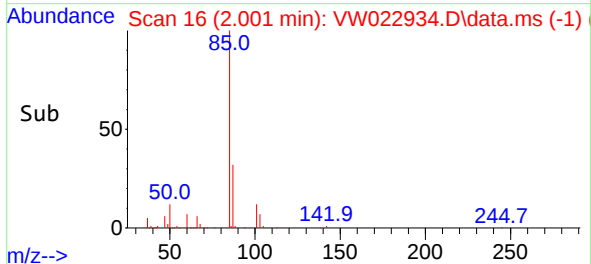
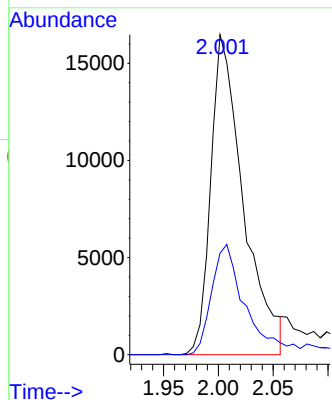
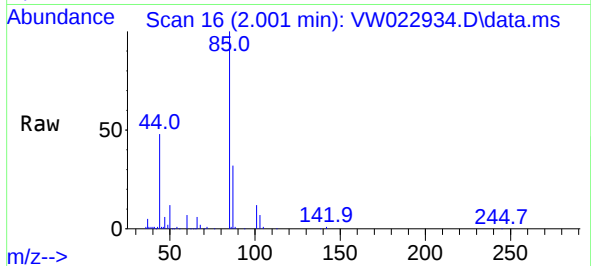




#2
Dichlorodifluoromethane
Concen: 16.405 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

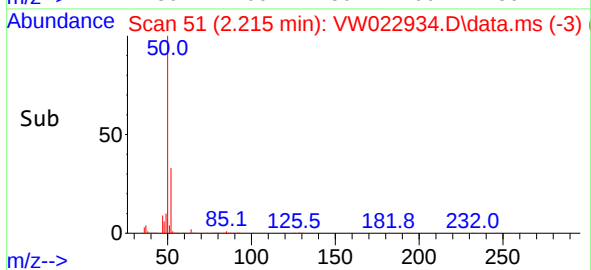
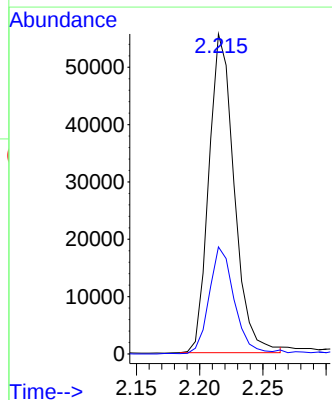
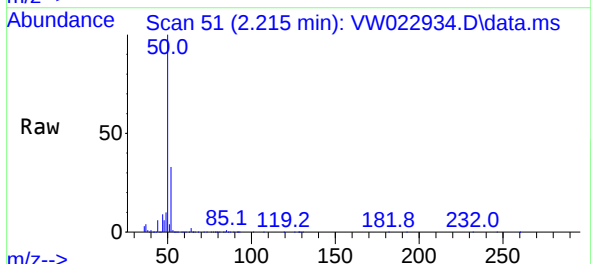
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

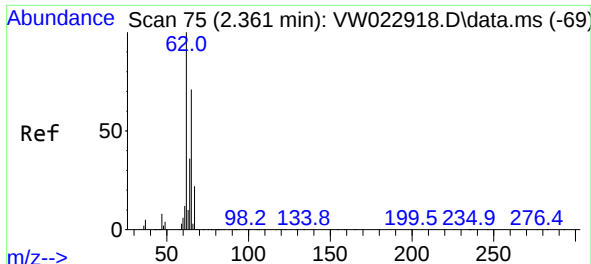
Tgt Ion: 85 Resp: 34020
Ion Ratio Lower Upper
85 100
87 35.8 27.8 41.8



#3
Chloromethane
Concen: 19.358 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 50 Resp: 77577
Ion Ratio Lower Upper
50 100
52 33.4 23.1 42.9

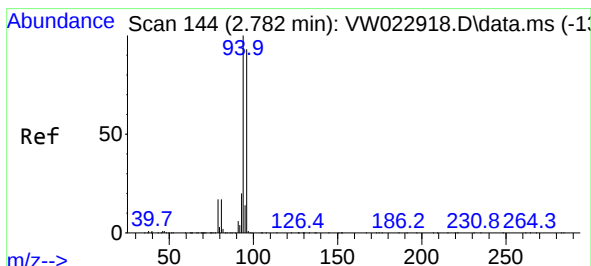
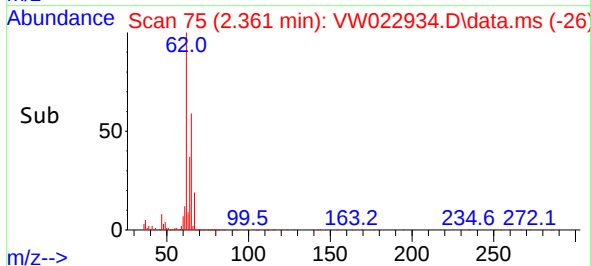
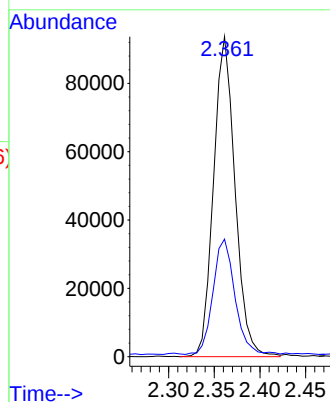
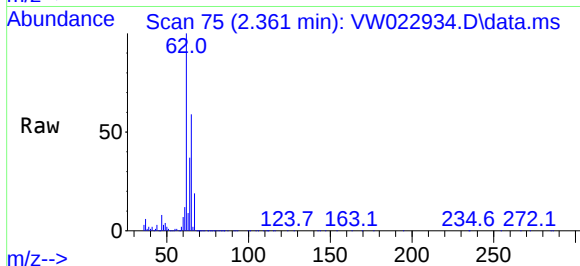




#5
 Vinyl chloride
 Concen: 19.013 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022934.D
 Acq: 09 May 2022 16:52

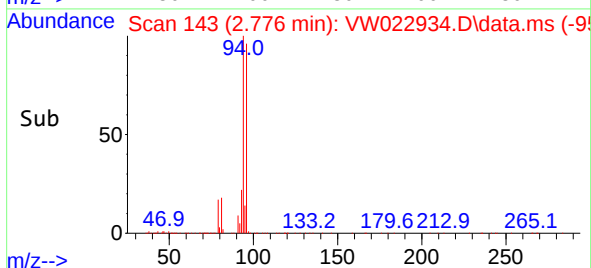
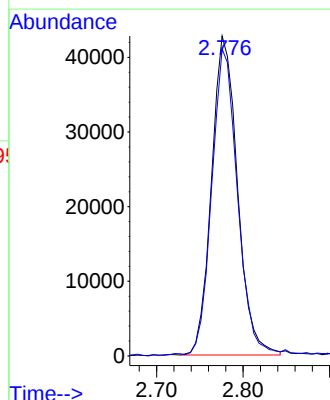
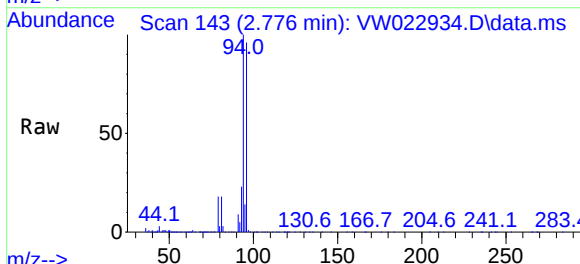
Instrument :
 MSVOA_W
 ClientSampleId :
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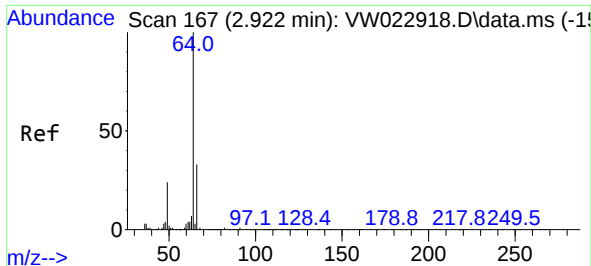
Tgt Ion: 62 Resp: 152911
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.9 46.3



#6
 Bromomethane
 Concen: 17.234 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022934.D
 Acq: 09 May 2022 16:52

Tgt Ion: 94 Resp: 88993
 Ion Ratio Lower Upper
 94 100
 96 95.9 61.7 114.5

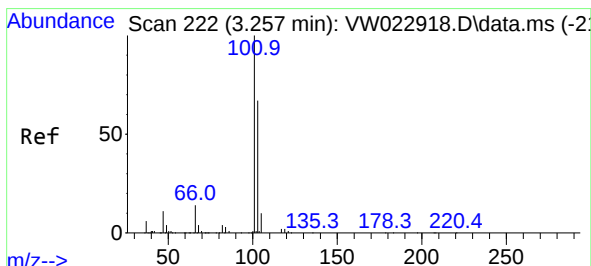
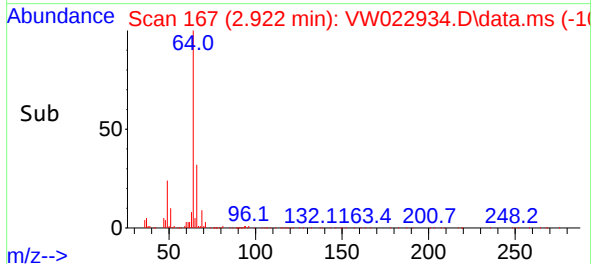
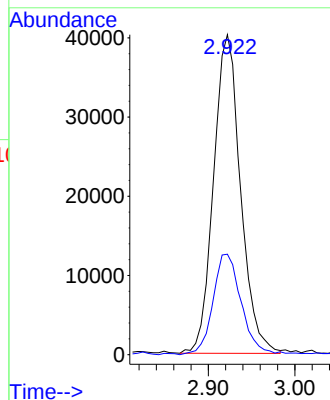
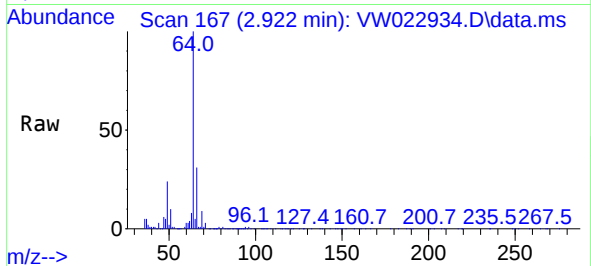




#8
Chloroethane
Concen: 22.427 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

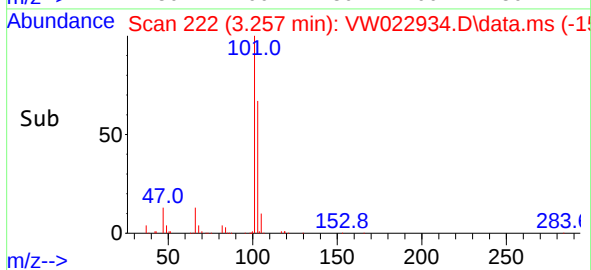
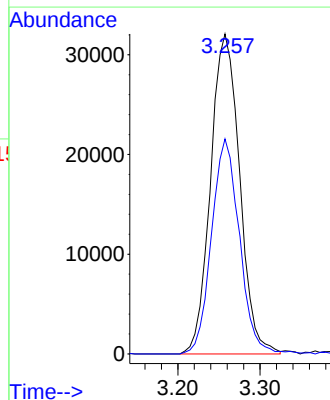
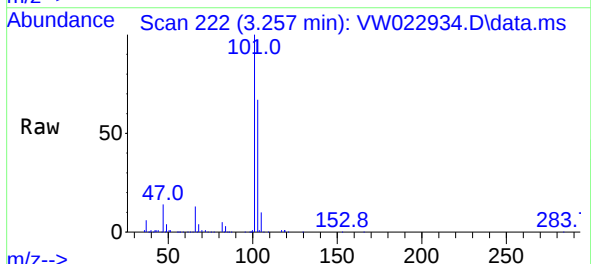
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MSVOA_W
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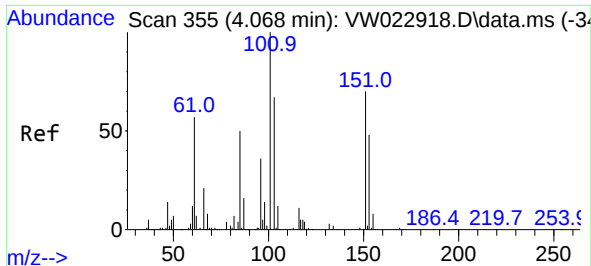
Tgt Ion: 64 Resp: 86996
Ion Ratio Lower Upper
64 100
66 31.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.446 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 101 Resp: 78832
Ion Ratio Lower Upper
101 100
103 64.2 53.9 80.9



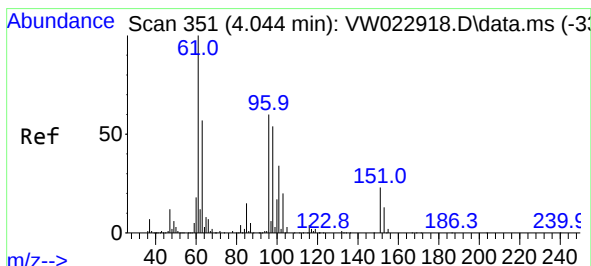
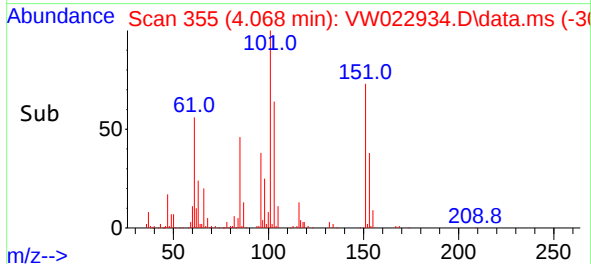
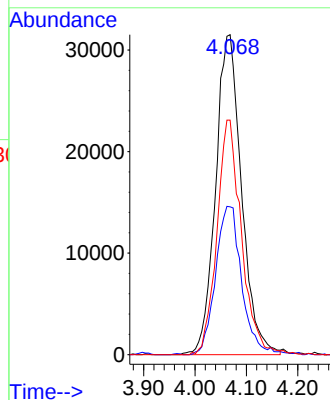
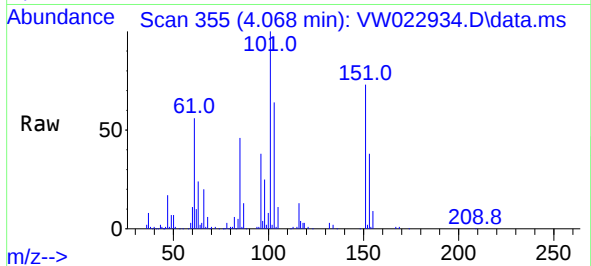


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.090 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022934.D
 Acq: 09 May 2022 16:52

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 110422

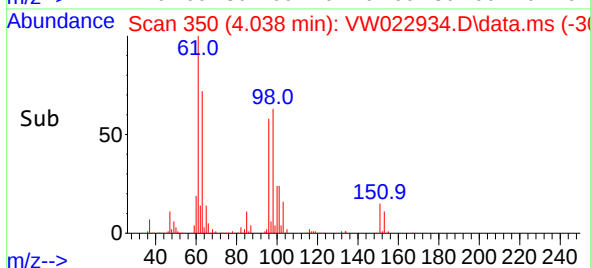
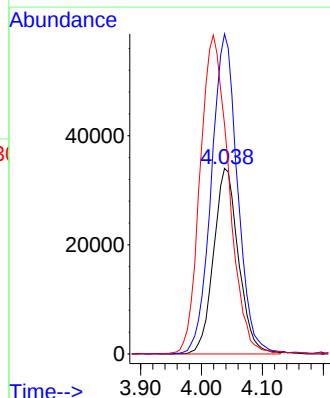
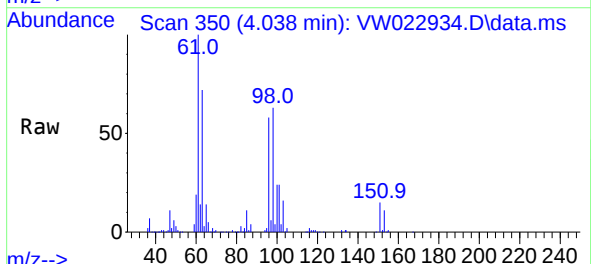
Ion	Ratio	Lower	Upper
101	100		
85	46.0	34.3	51.5
151	68.3	54.2	81.2

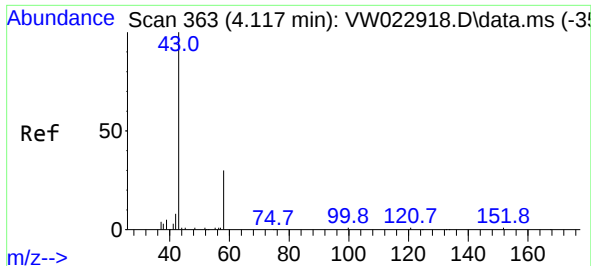


#12
 1,1-Dichloroethene
 Concen: 19.843 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022934.D
 Acq: 09 May 2022 16:52

Tgt Ion: 96 Resp: 96681

Ion	Ratio	Lower	Upper
96	100		
61	172.4	125.7	233.5
63	123.8	83.4	155.0

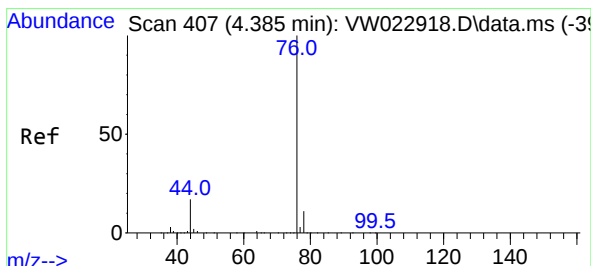
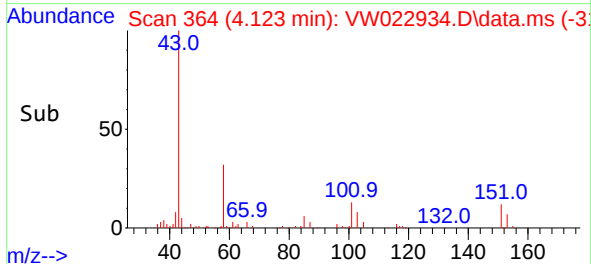
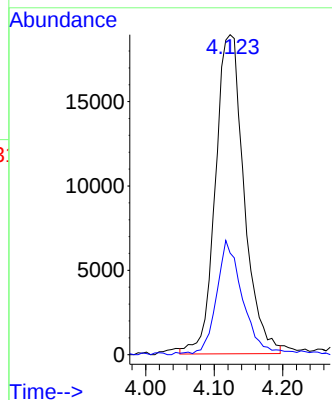
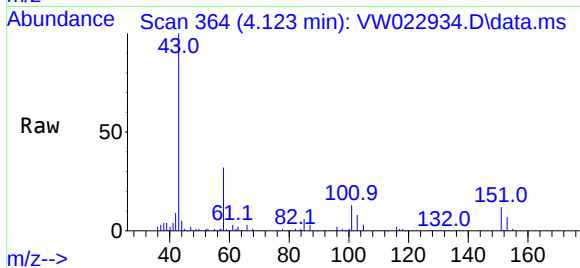




#13
Acetone
Concen: 49.435 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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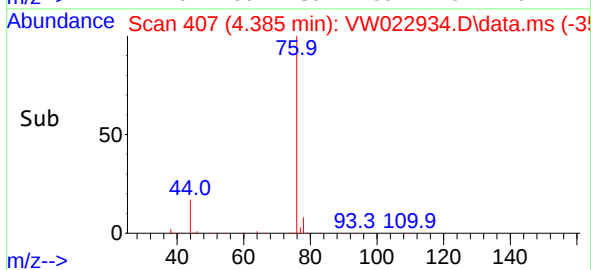
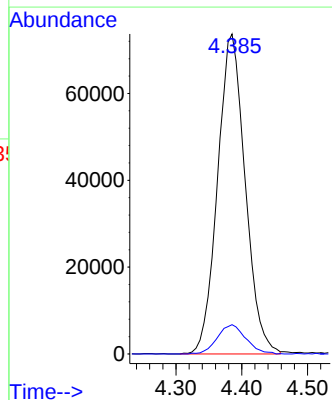
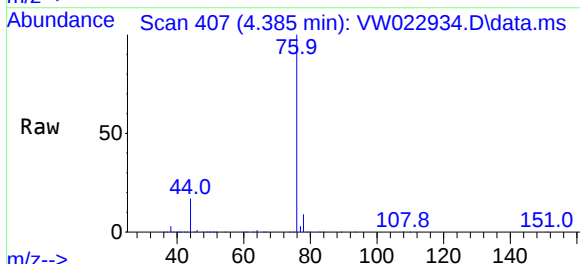
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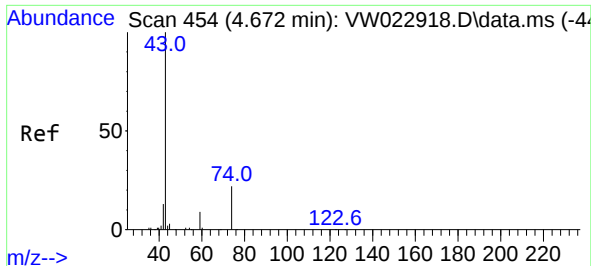
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Ion Ratio Lower Upper
43 100
58 31.0 0.0 64.0



#14
Carbon disulfide
Concen: 16.103 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 76 Resp: 215110
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

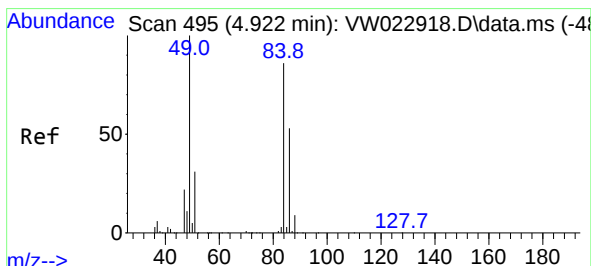
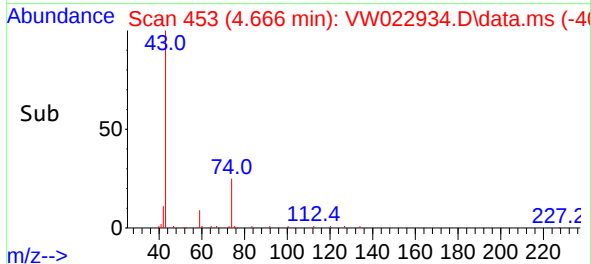
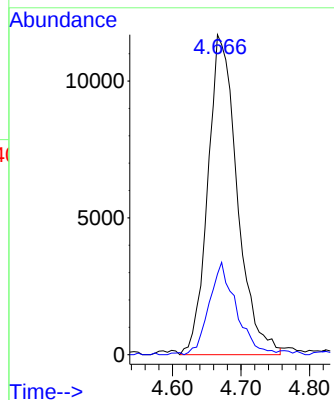
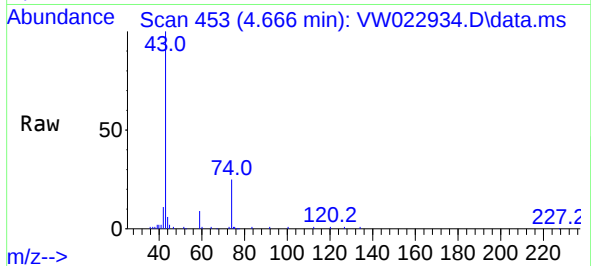




#15
Methyl Acetate
Concen: 15.635 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

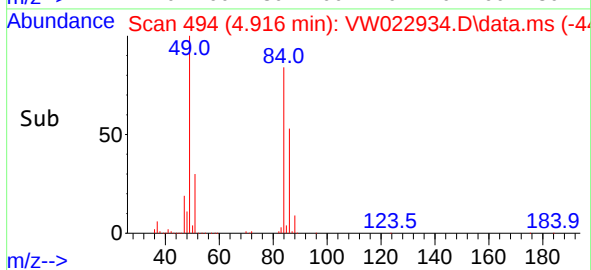
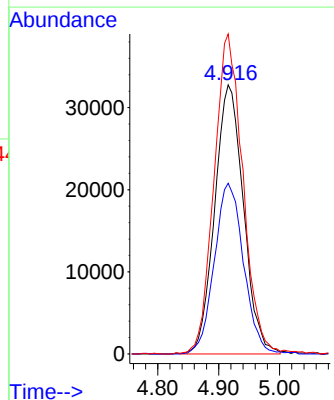
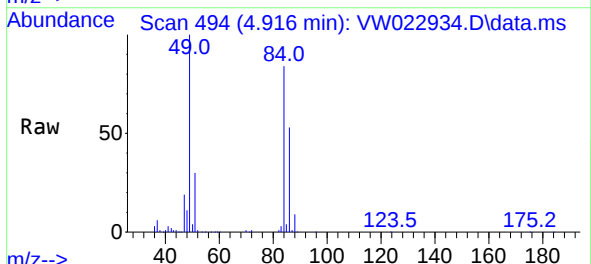
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

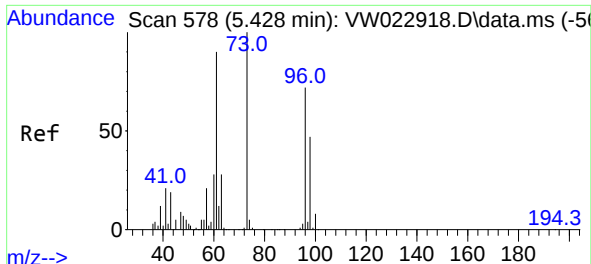
Tgt Ion: 43 Resp: 34898
Ion Ratio Lower Upper
43 100
74 26.5 21.9 32.9



#16
Methylene chloride
Concen: 19.312 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 84 Resp: 107500
Ion Ratio Lower Upper
84 100
86 63.5 45.4 84.4
49 118.9 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 19.245 ug/L

RT: 5.422 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

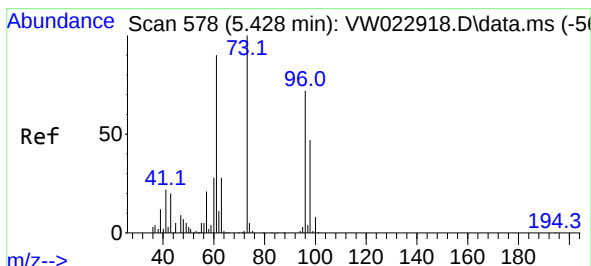
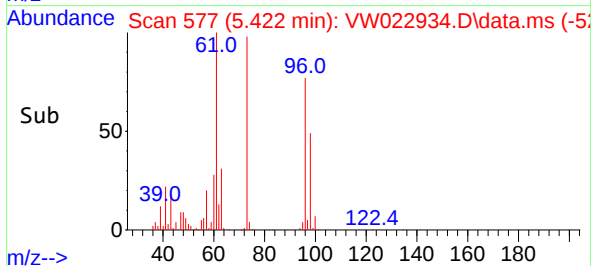
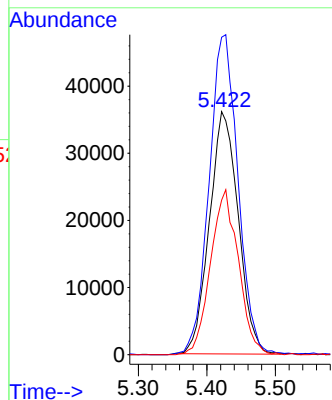
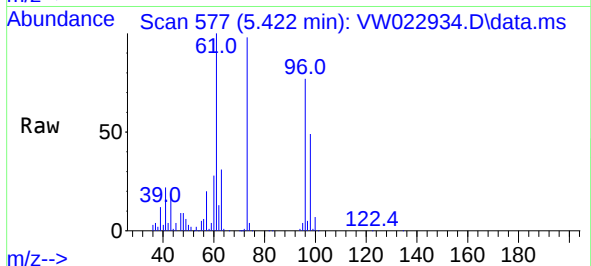
Tgt Ion: 96 Resp: 105523

Ion Ratio Lower Upper

96 100

61 130.6 92.2 171.2

98 63.6 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 19.966 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

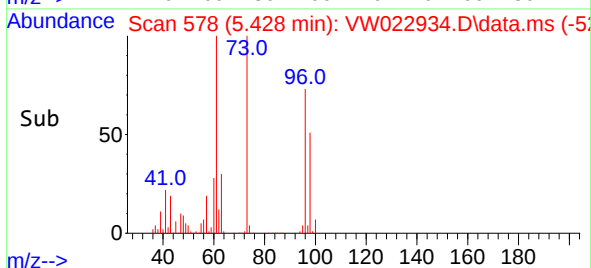
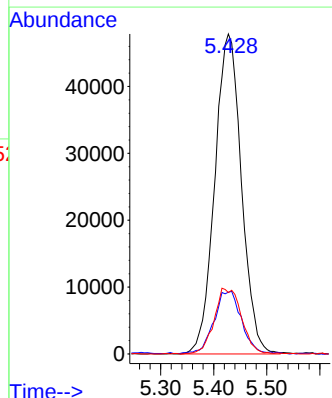
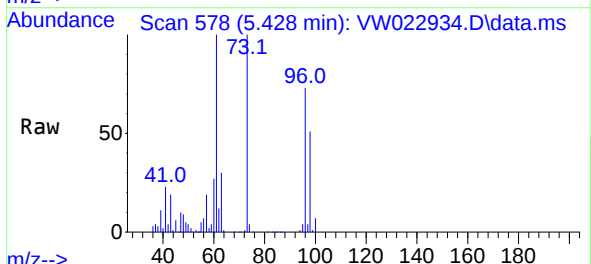
Tgt Ion: 73 Resp: 167117

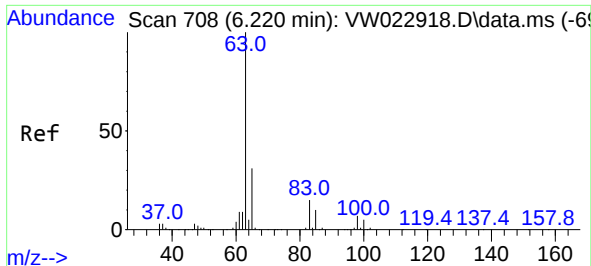
Ion Ratio Lower Upper

73 100

43 9.3 15.9 23.9#

57 11.6 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 21.281 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

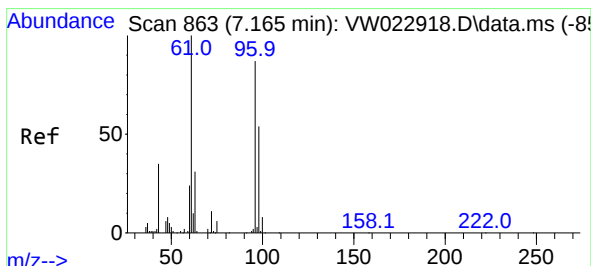
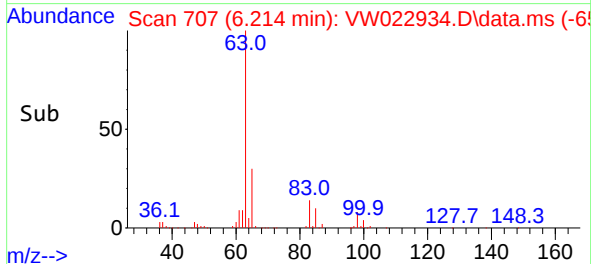
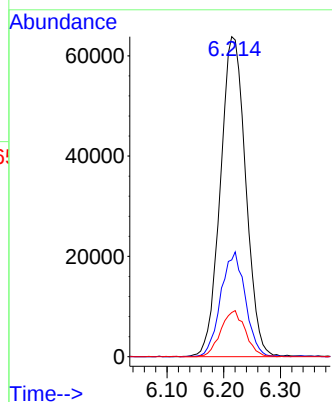
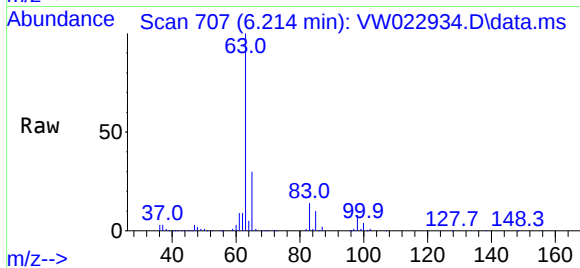
Tgt Ion: 63 Resp: 197762

Ion Ratio Lower Upper

63 100

65 30.3 23.3 43.3

83 13.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 20.720 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

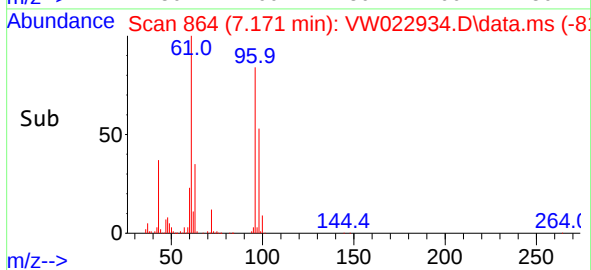
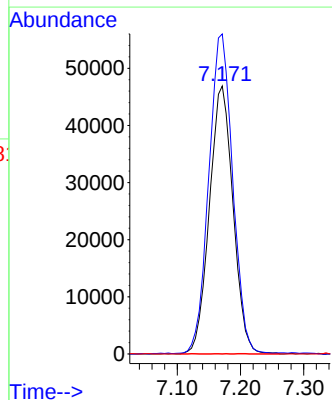
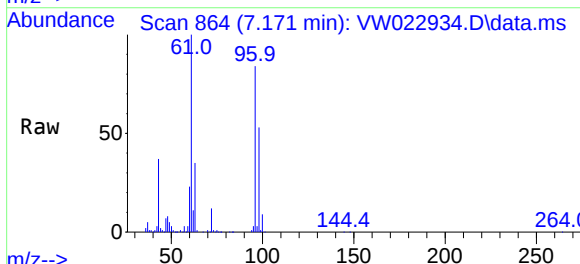
Tgt Ion: 96 Resp: 122026

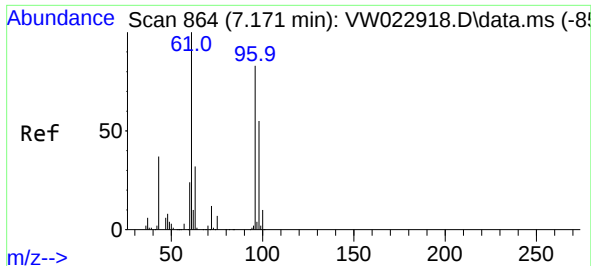
Ion Ratio Lower Upper

96 100

61 119.4 84.2 156.4

68 0.0 0.1 0.1#

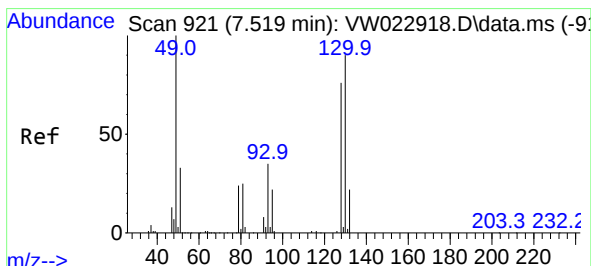
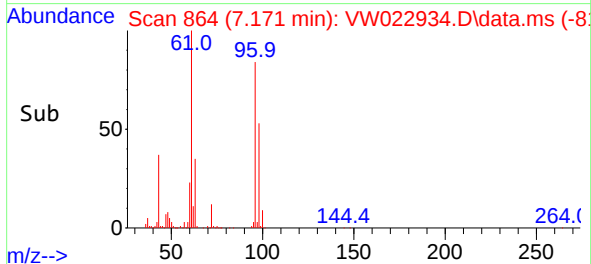
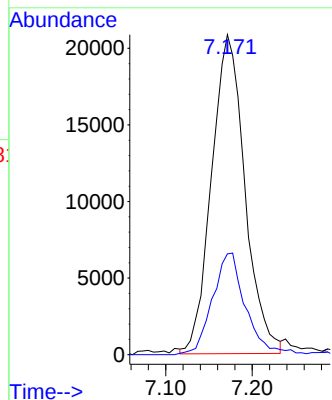
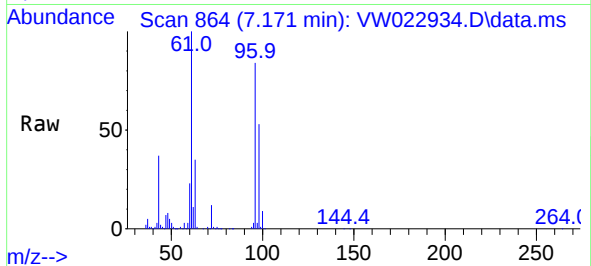




#22
2-Butanone
Concen: 35.886 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

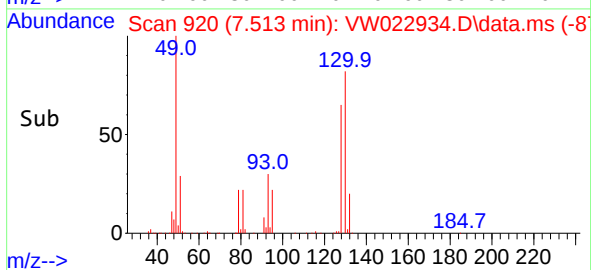
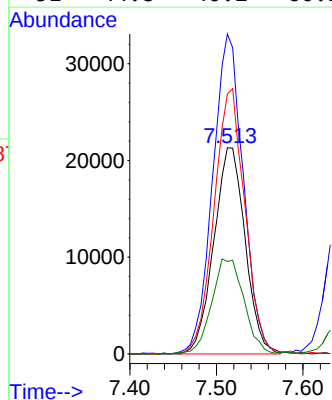
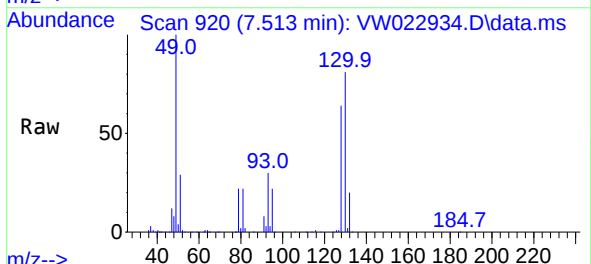
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

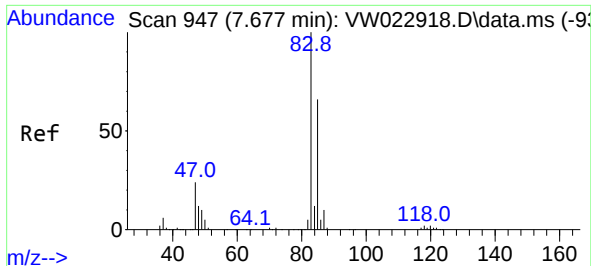
Tgt Ion: 43 Resp: 55758
Ion Ratio Lower Upper
43 100
72 31.2 15.1 45.3



#23
Bromochloromethane
Concen: 19.392 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 128 Resp: 53485
Ion Ratio Lower Upper
128 100
49 155.2 110.0 204.4
130 126.0 94.8 176.0
51 44.8 40.2 60.2





#25

Chloroform

Concen: 21.679 ug/L

RT: 7.671 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

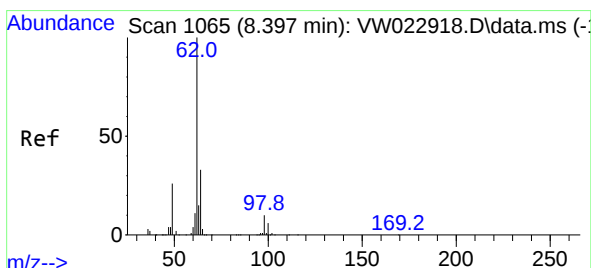
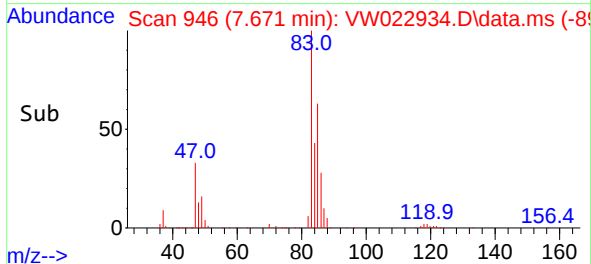
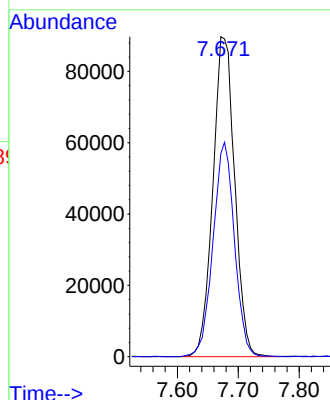
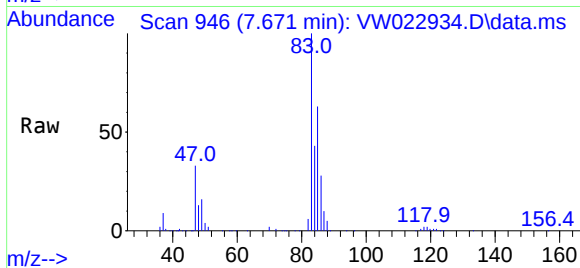
EW2X5MSD

Tgt Ion: 83 Resp: 222763

Ion Ratio Lower Upper

83 100

85 63.5 46.6 86.6



#27

1,2-Dichloroethane

Concen: 19.176 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022934.D

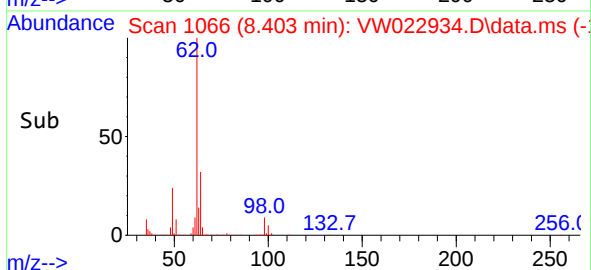
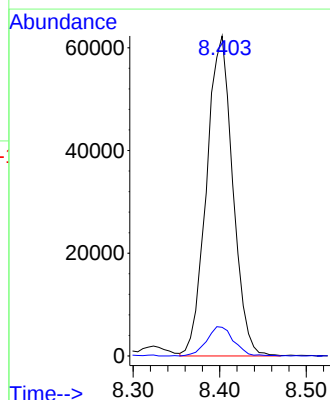
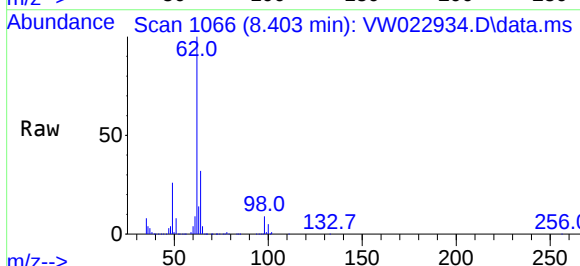
Acq: 09 May 2022 16:52

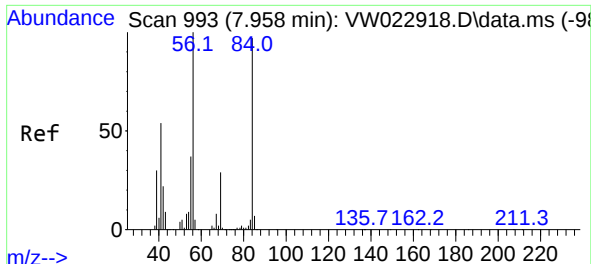
Tgt Ion: 62 Resp: 131352

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 20.142 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

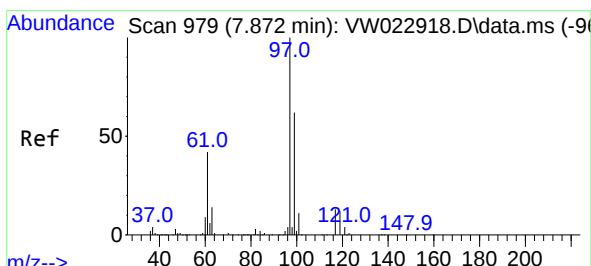
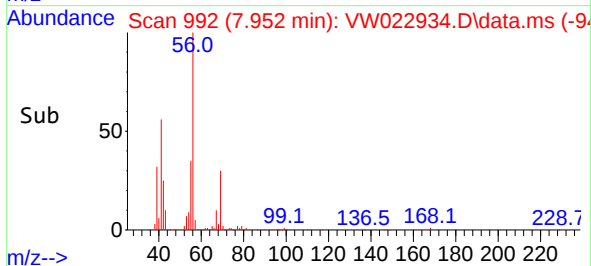
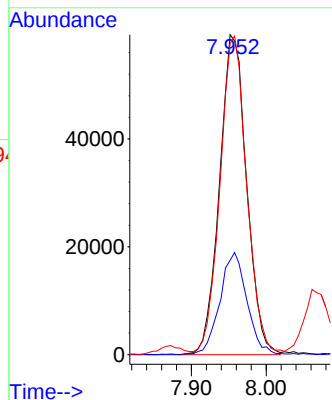
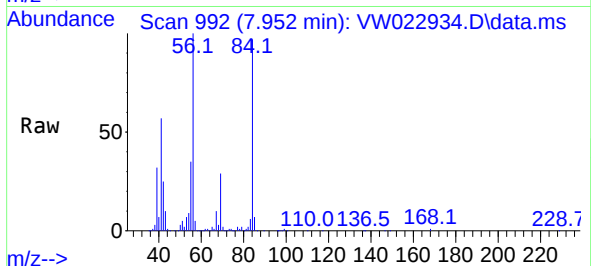
Tgt Ion: 56 Resp: 149718

Ion Ratio Lower Upper

56 100

69 31.3 25.6 38.4

84 98.1 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.664 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

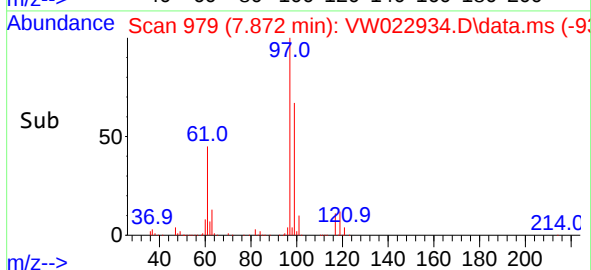
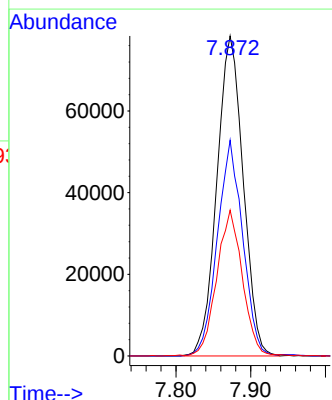
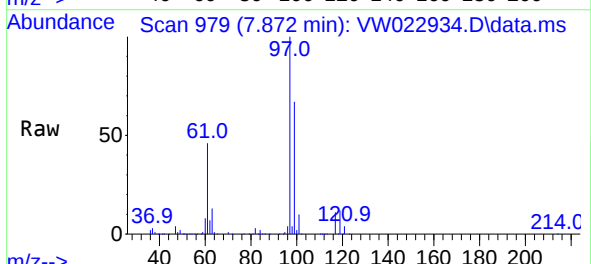
Tgt Ion: 97 Resp: 192200

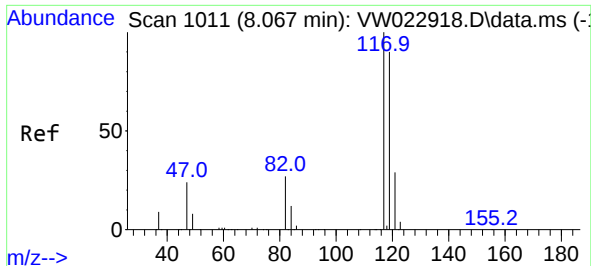
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 44.3 34.8 52.2

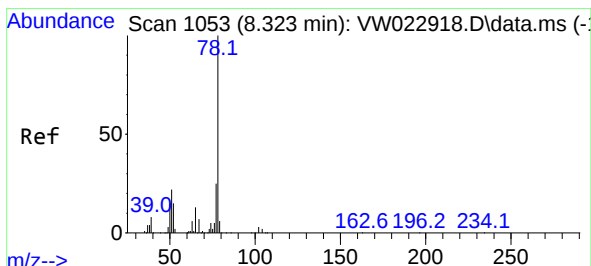
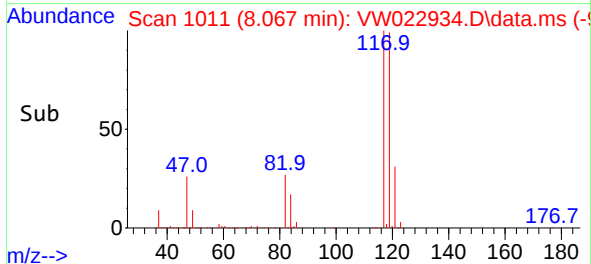
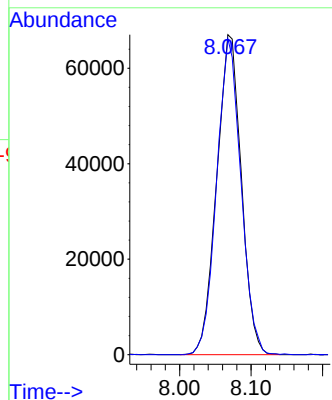
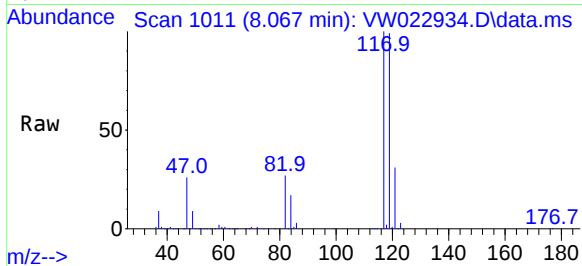




#31
Carbon tetrachloride
Concen: 21.056 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

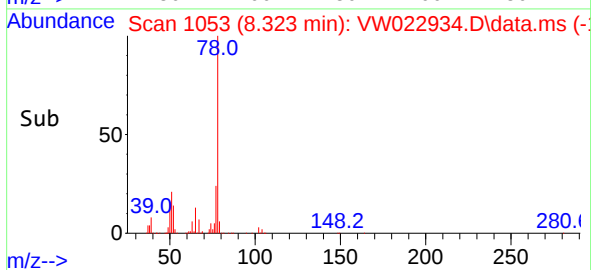
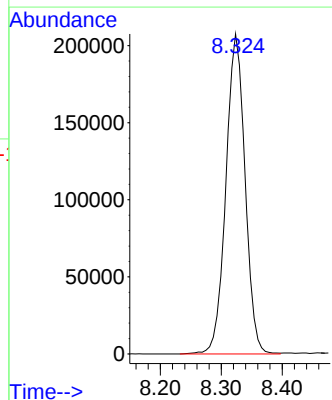
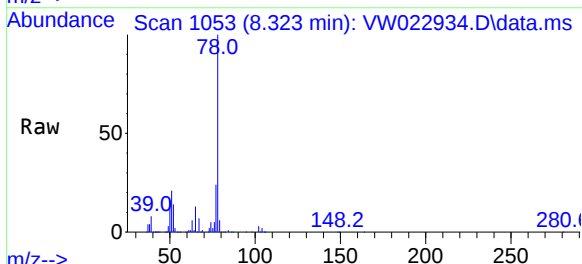
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

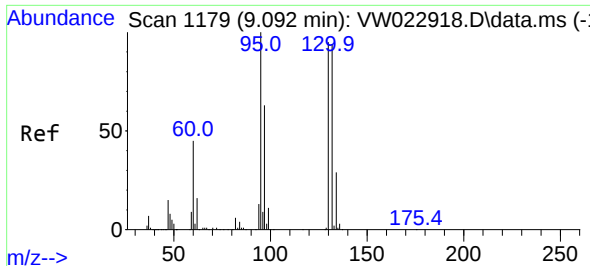
Tgt Ion:117 Resp: 159974
Ion Ratio Lower Upper
117 100
119 97.4 76.6 115.0



#33
Benzene
Concen: 22.403 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 78 Resp: 453600



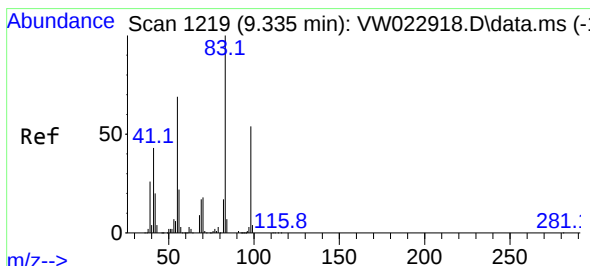
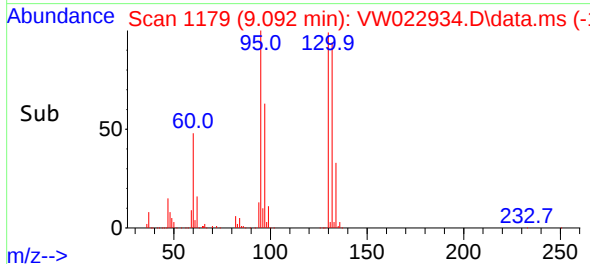
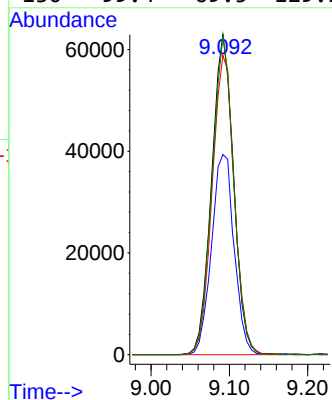
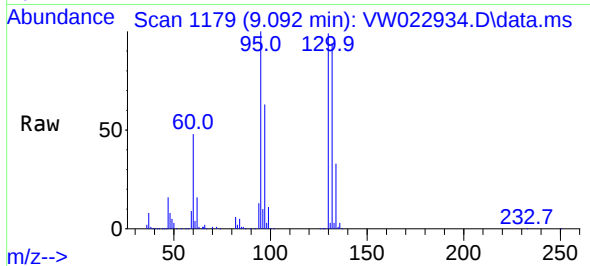


#34
Trichloroethene
Concen: 22.016 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

Tgt Ion: 95 Resp: 122592

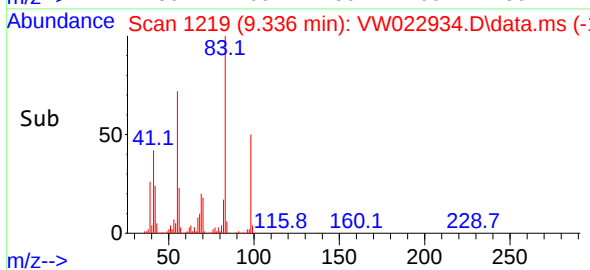
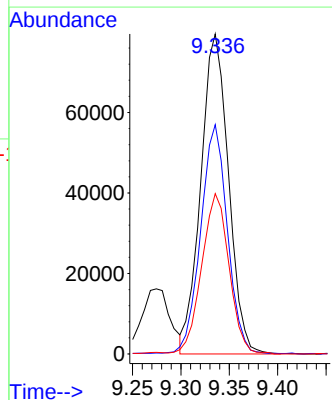
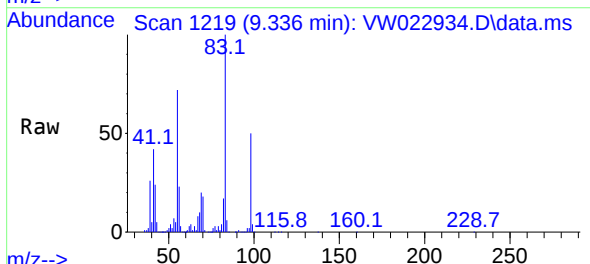
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.1	85.7
132	93.5	66.9	124.3
130	99.4	69.5	129.1

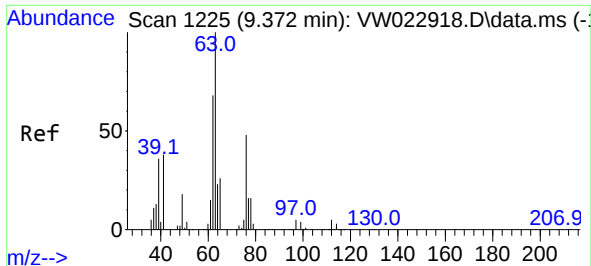


#35
Methylcyclohexane
Concen: 17.330 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 83 Resp: 158522

Ion	Ratio	Lower	Upper
83	100		
55	69.2	55.1	82.7
98	48.8	40.4	60.6





#37

1,2-Dichloropropane

Concen: 22.001 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

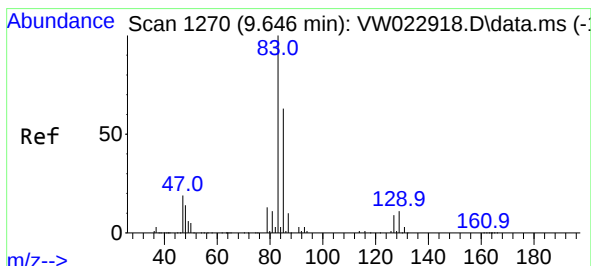
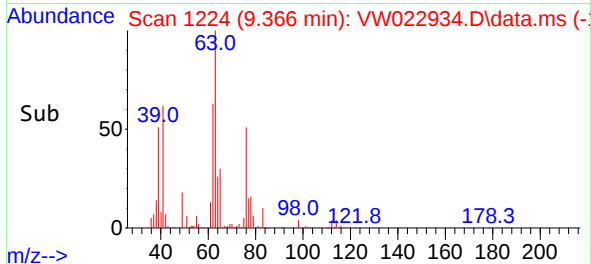
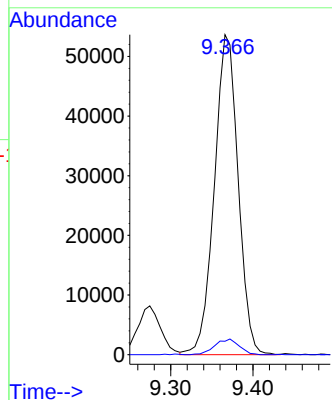
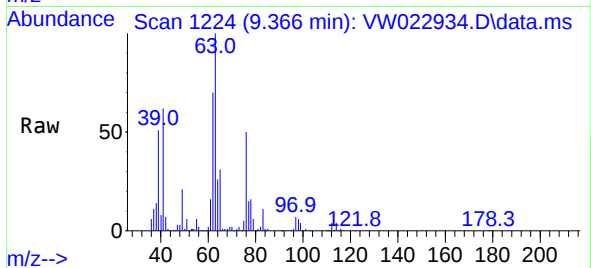
EW2X5MSD

Tgt Ion: 63 Resp: 107799

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 21.368 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

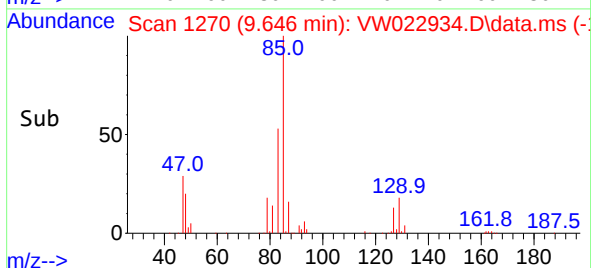
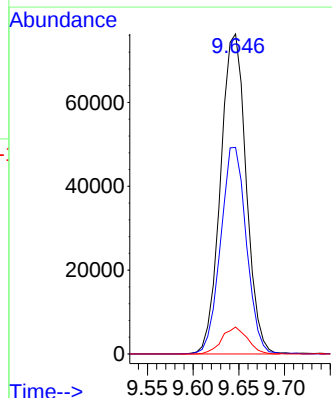
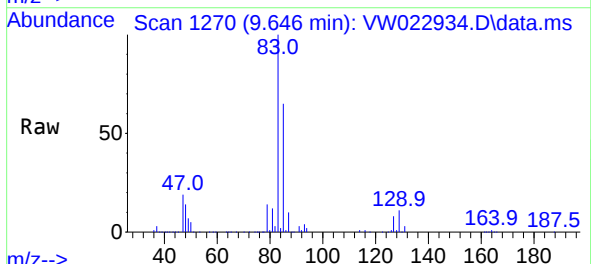
Tgt Ion: 83 Resp: 148707

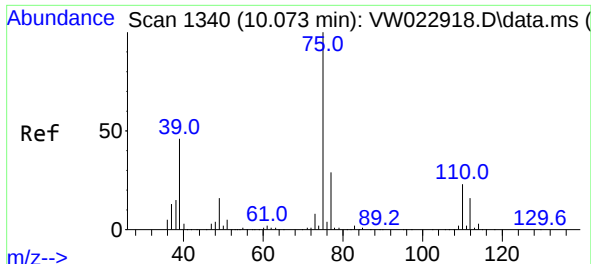
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7

127 8.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 21.135 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

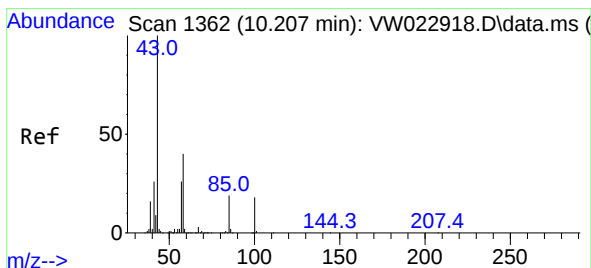
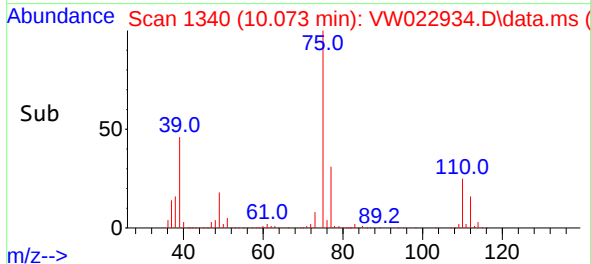
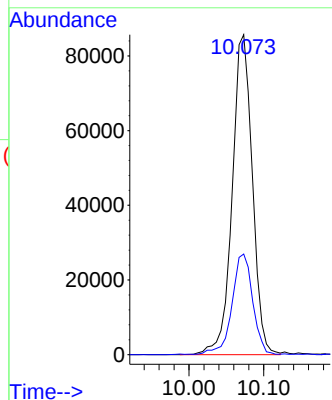
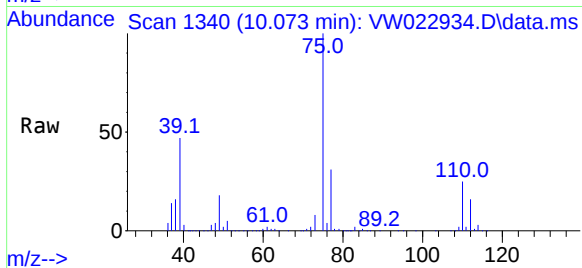
EW2X5MSD

Tgt Ion: 75 Resp: 160575

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 35.718 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

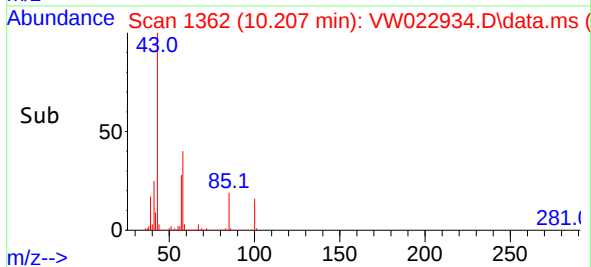
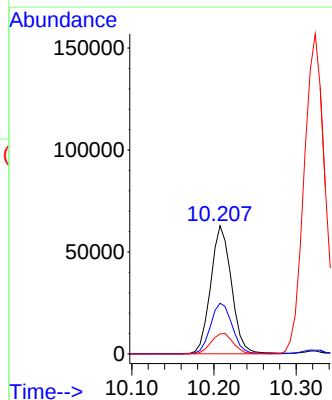
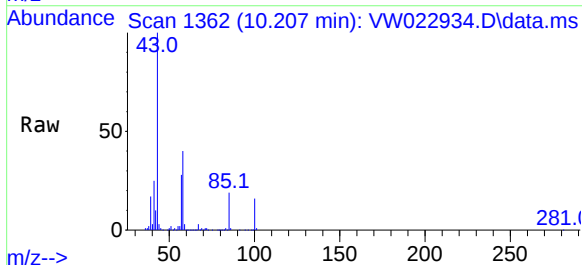
Tgt Ion: 43 Resp: 110309

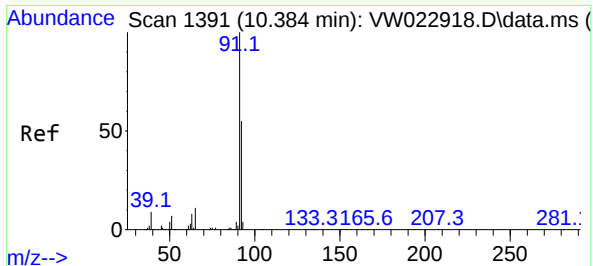
Ion Ratio Lower Upper

43 100

58 41.7 31.4 47.2

100 16.6 14.2 21.4

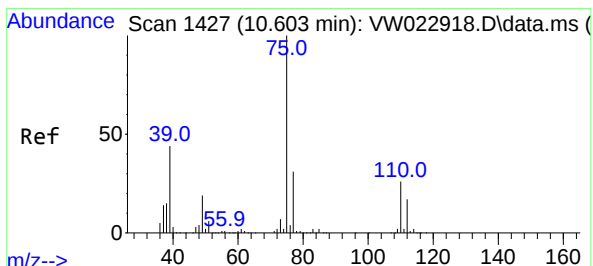
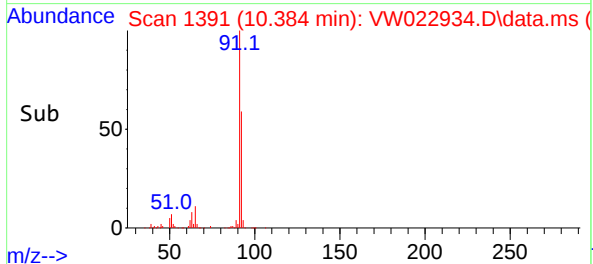
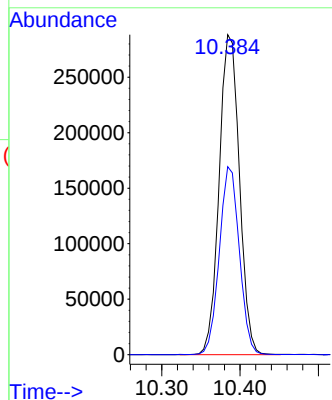
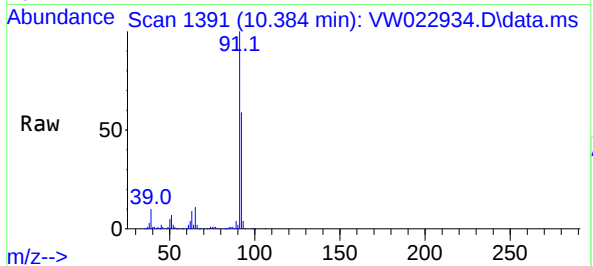




#42
Toluene
Concen: 22.874 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

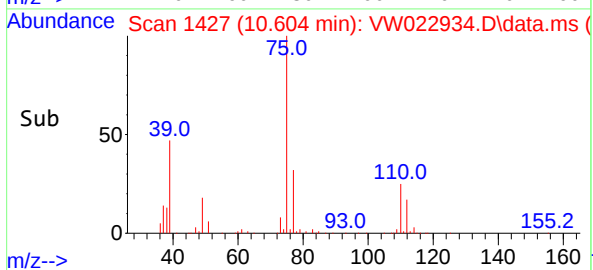
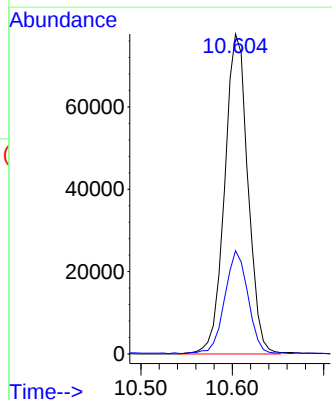
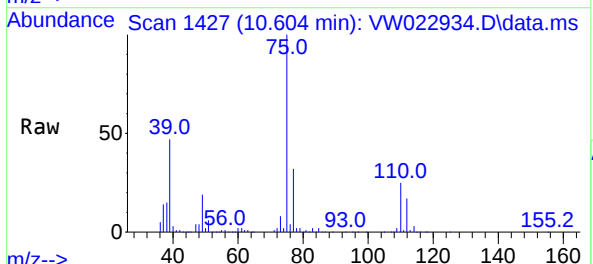
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

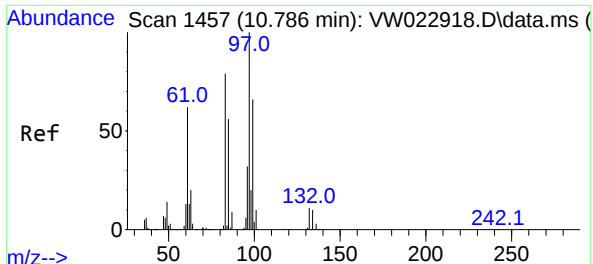
Tgt Ion: 91 Resp: 519021
Ion Ratio Lower Upper
91 100
92 58.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 20.254 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 75 Resp: 137348
Ion Ratio Lower Upper
75 100
77 32.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 20.450 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

Tgt Ion: 97 Resp: 83764

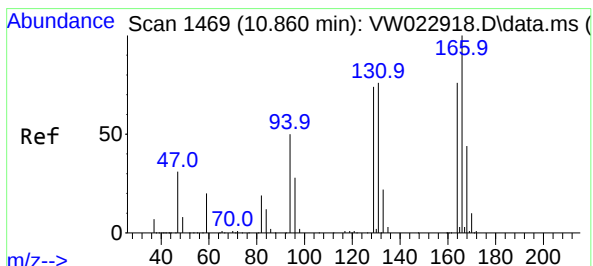
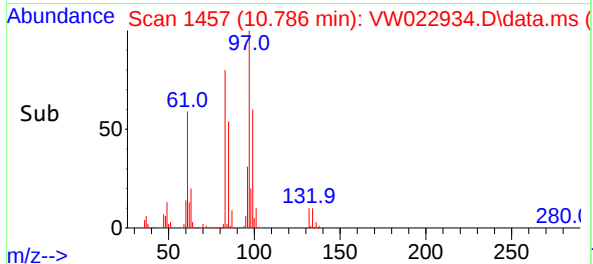
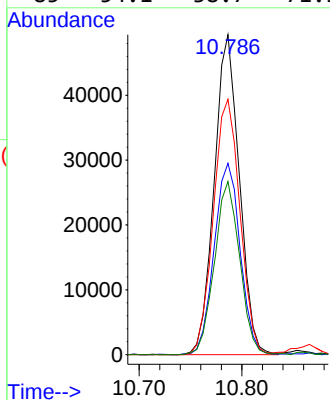
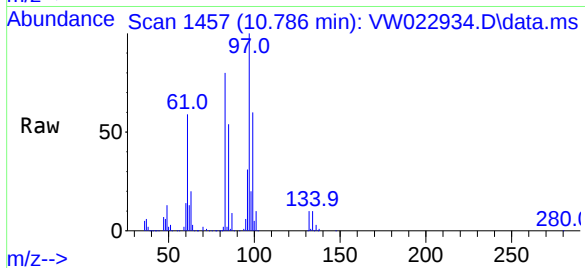
Ion Ratio Lower Upper

97 100

99 59.8 44.7 82.9

83 79.8 58.4 108.4

85 54.1 38.7 71.9



#46

Tetrachloroethene

Concen: 21.164 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Tgt Ion:164 Resp: 88563

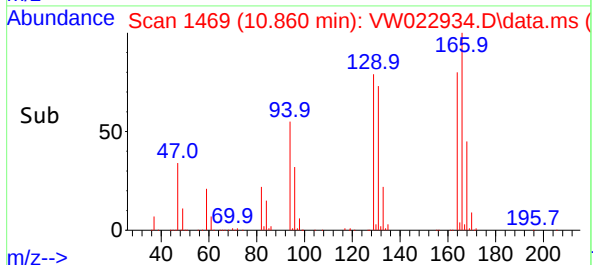
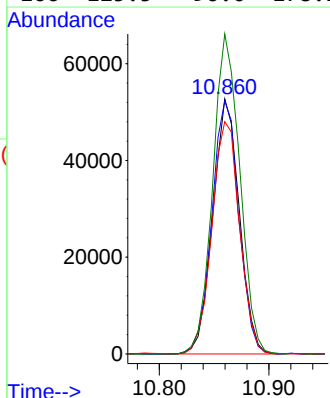
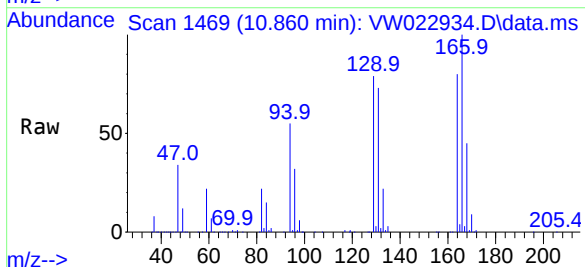
Ion Ratio Lower Upper

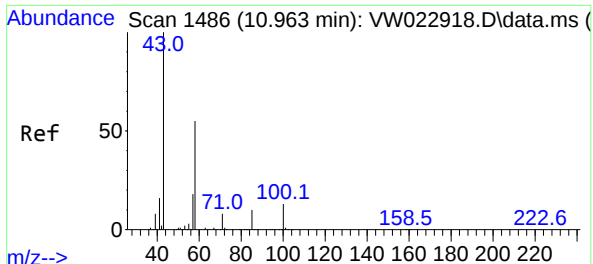
164 100

129 99.3 76.9 142.7

131 91.1 75.1 139.5

166 125.5 96.0 178.2





#48

2-Hexanone

Concen: 38.640 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

Tgt Ion: 43 Resp: 79733

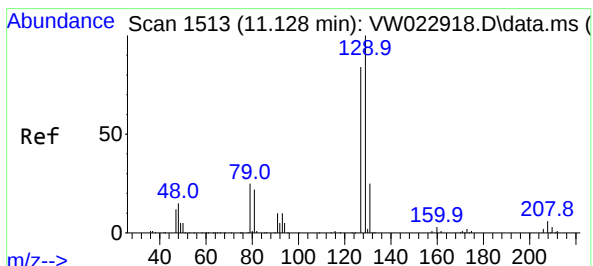
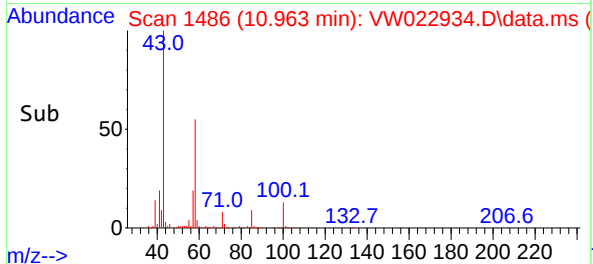
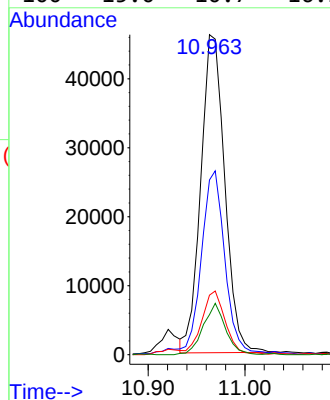
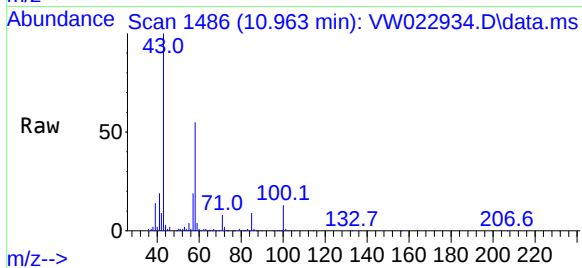
Ion Ratio Lower Upper

43 100

58 55.9 45.9 68.9

57 19.3 16.2 24.2

100 15.0 10.7 16.1



#49

Dibromochloromethane

Concen: 19.520 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022934.D

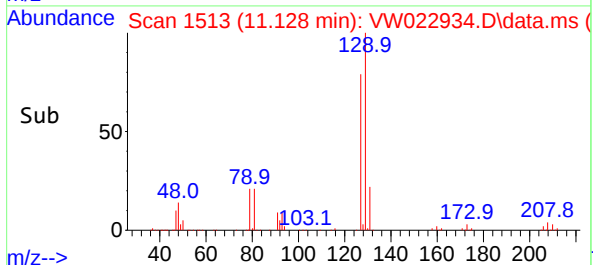
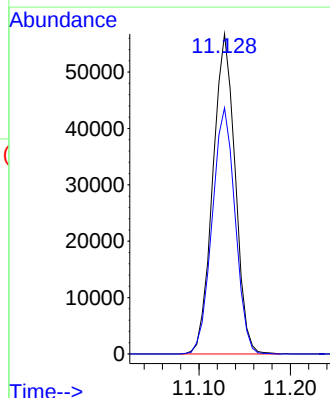
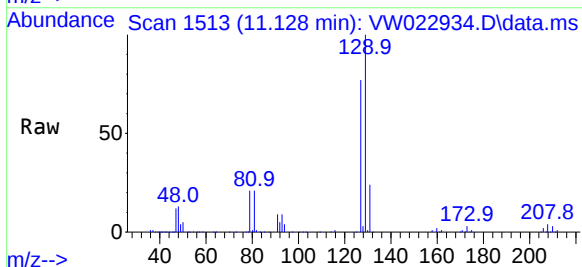
Acq: 09 May 2022 16:52

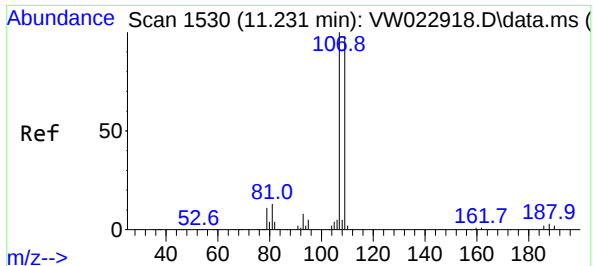
Tgt Ion:129 Resp: 96227

Ion Ratio Lower Upper

129 100

127 76.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 19.097 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

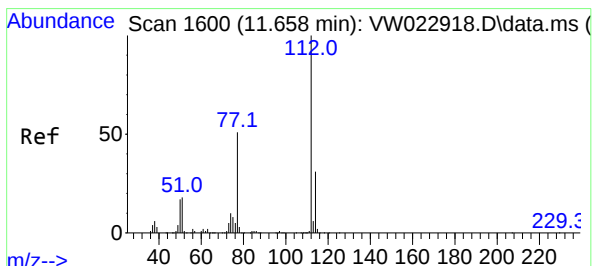
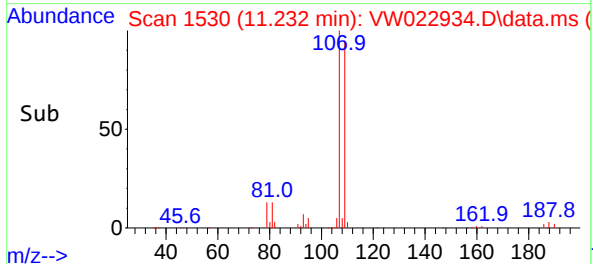
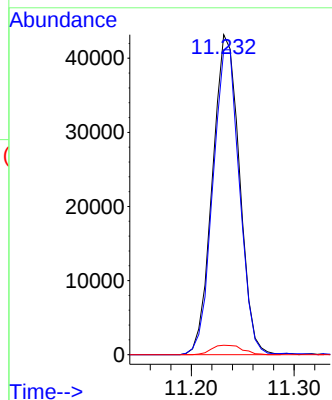
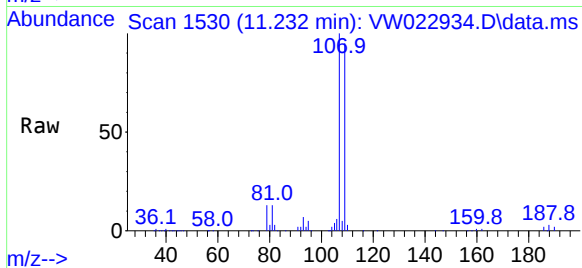
Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

Tgt Ion:	107	Resp:	78545
Ion	Ratio	Lower	Upper
107	100		
109	95.3	67.5	125.4
188	3.0	2.9	4.3



#51

Chlorobenzene

Concen: 21.176 ug/L

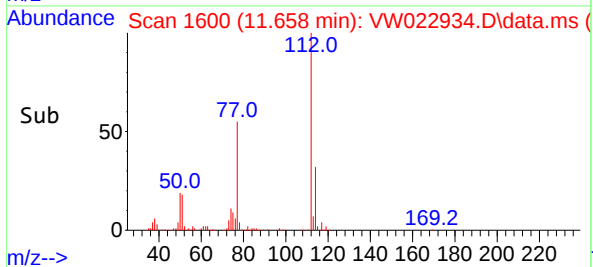
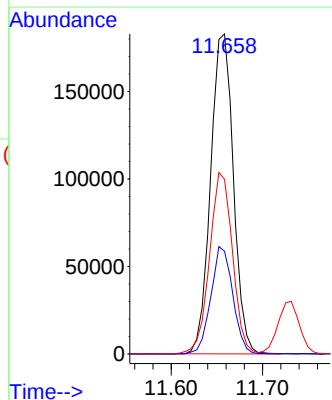
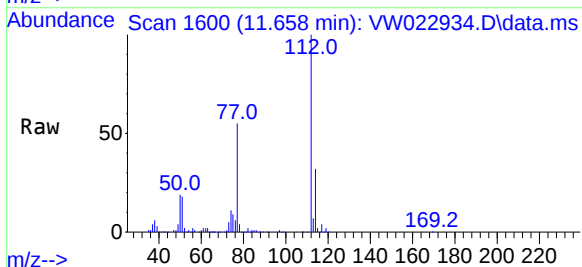
RT: 11.658 min Scan# 1600

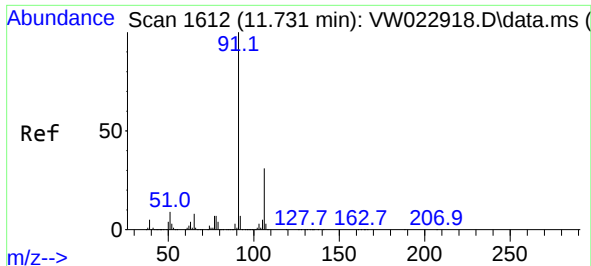
Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Tgt Ion:	112	Resp:	316771
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	41.0
77	54.6	42.6	63.8





#52

Ethylbenzene

Concen: 22.228 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

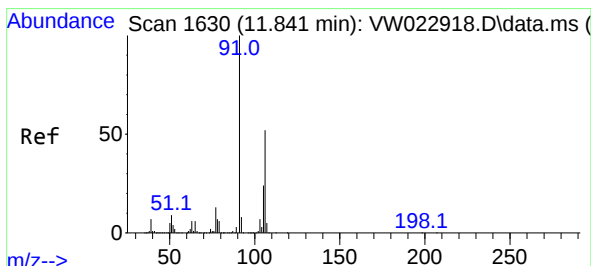
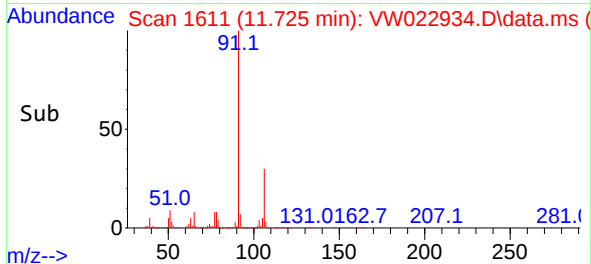
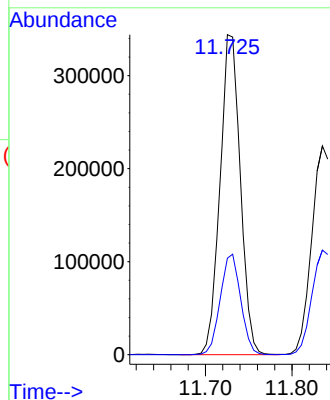
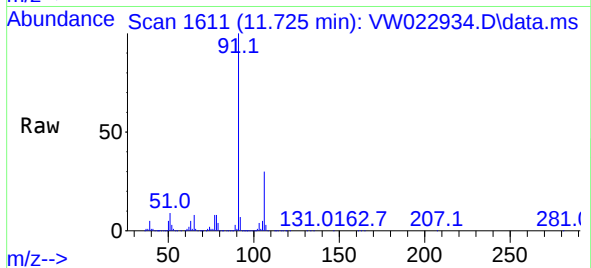
EW2X5MSD

Tgt Ion: 91 Resp: 561120

Ion Ratio Lower Upper

91 100

106 30.1 22.3 41.3



#53

m,p-Xylene

Concen: 21.863 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW022934.D

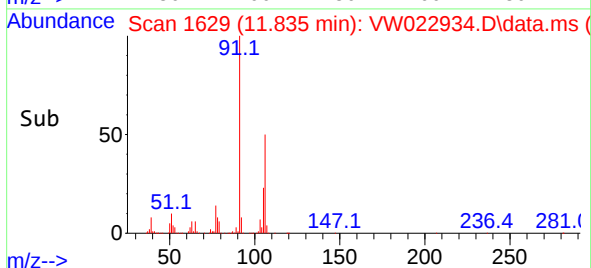
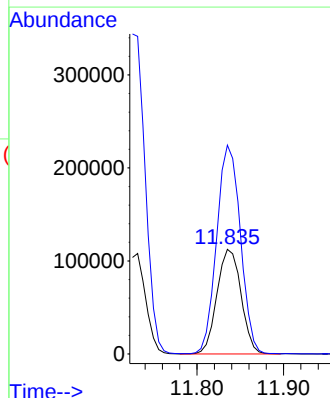
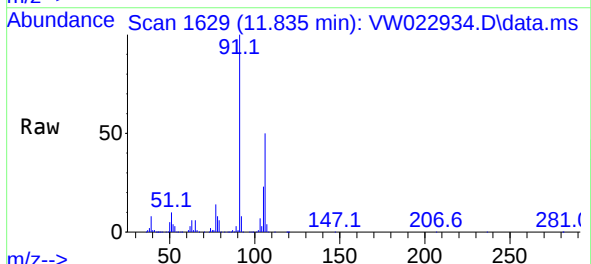
Acq: 09 May 2022 16:52

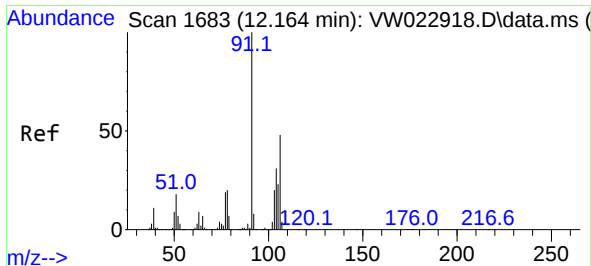
Tgt Ion:106 Resp: 217471

Ion Ratio Lower Upper

106 100

91 199.5 136.8 254.0

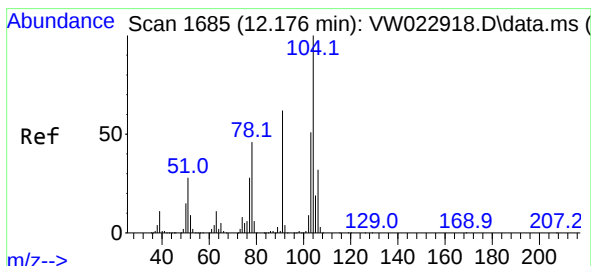
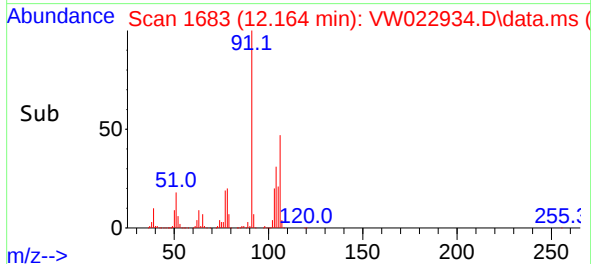
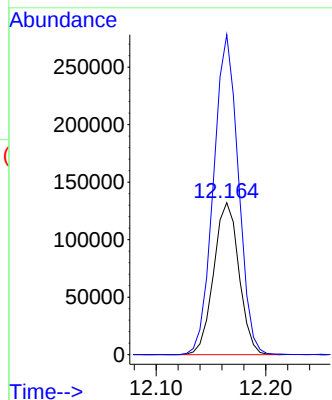
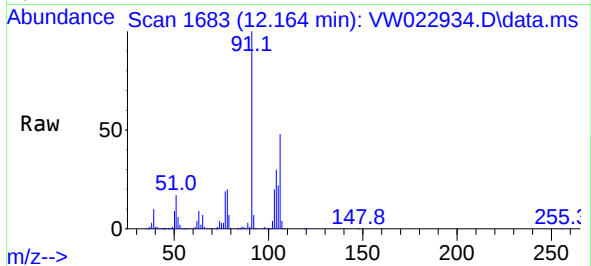




#54
o-Xylene
Concen: 22.209 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

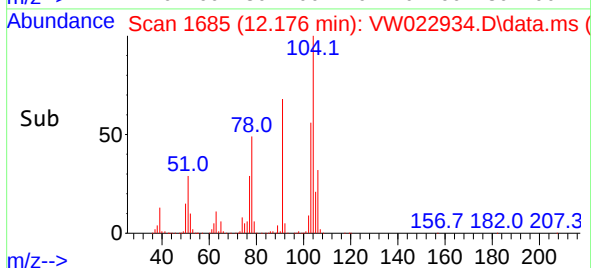
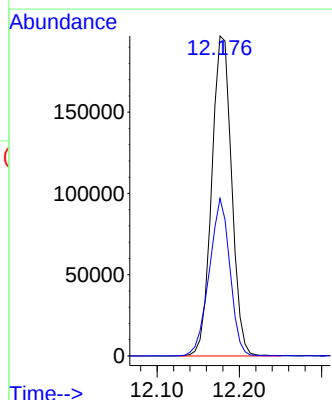
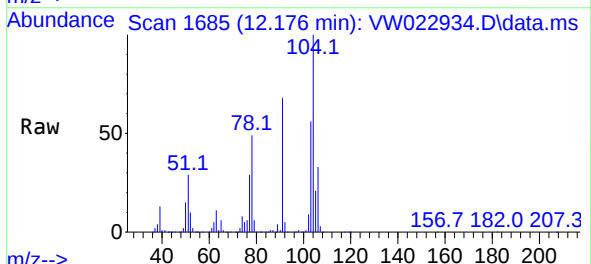
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

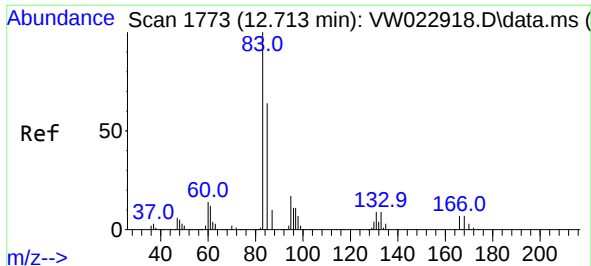
Tgt Ion:106 Resp: 211990
Ion Ratio Lower Upper
106 100
91 210.5 147.2 273.4



#55
Styrene
Concen: 20.456 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion:104 Resp: 331777
Ion Ratio Lower Upper
104 100
78 49.2 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 17.760 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

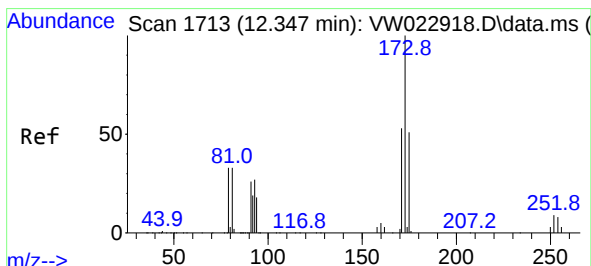
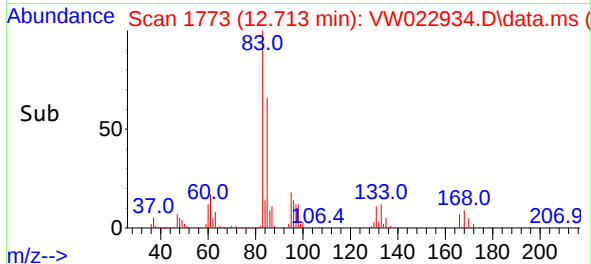
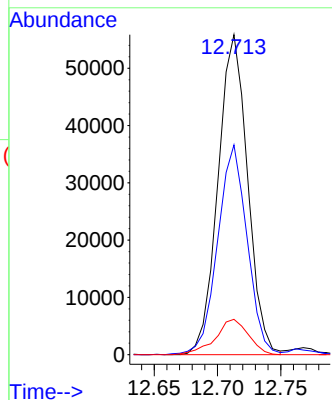
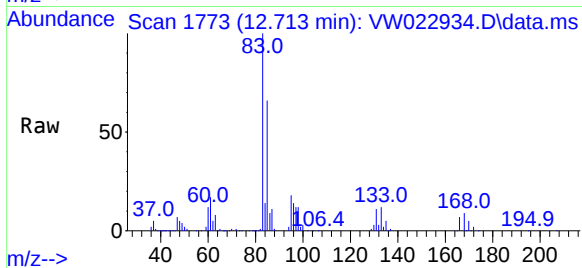
Tgt Ion: 83 Resp: 90860

Ion Ratio Lower Upper

83 100

85 65.6 47.5 88.1

131 11.1 8.7 13.1



#59

Bromoform

Concen: 20.694 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

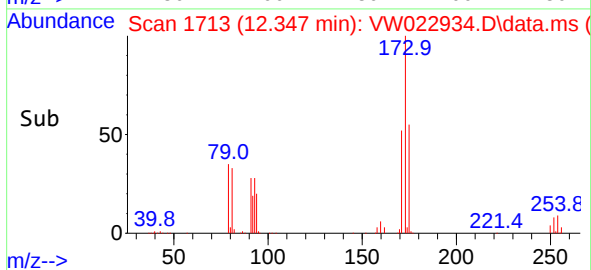
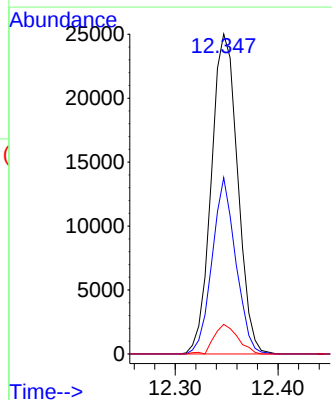
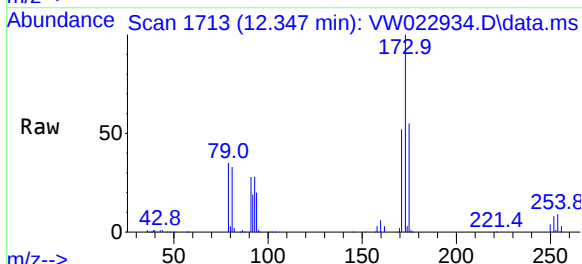
Tgt Ion: 173 Resp: 44562

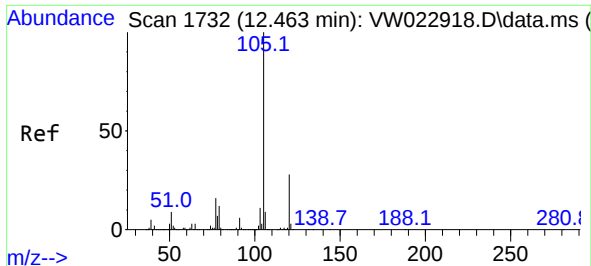
Ion Ratio Lower Upper

173 100

175 49.3 38.1 57.1

254 8.1 6.5 9.7

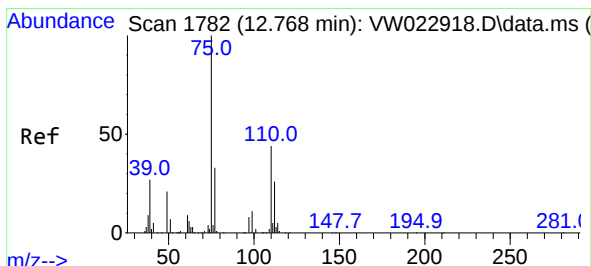
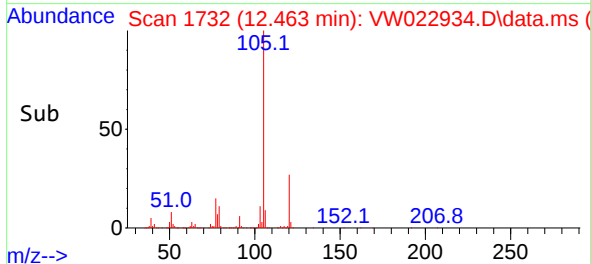
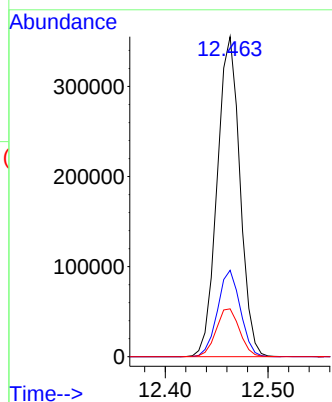
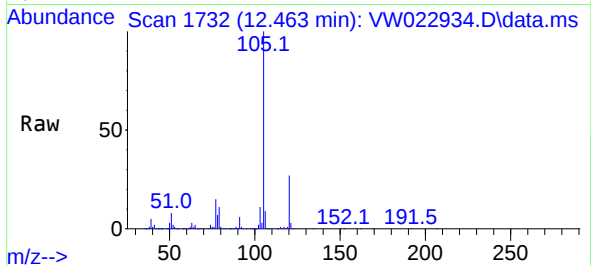




#60
Isopropylbenzene
Concen: 26.226 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

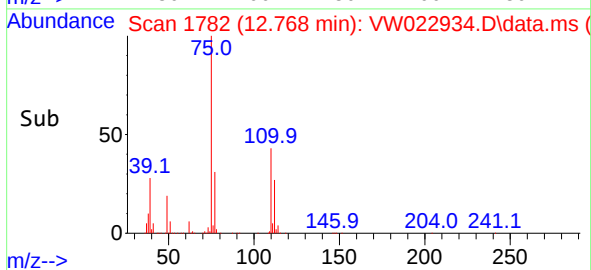
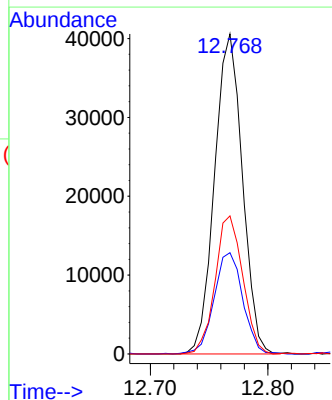
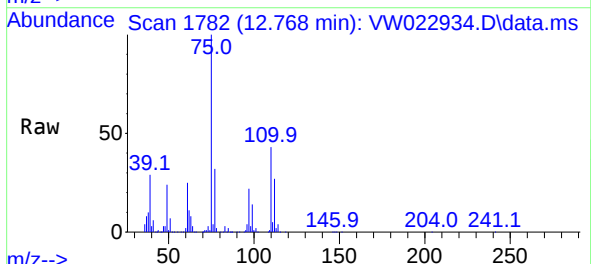
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

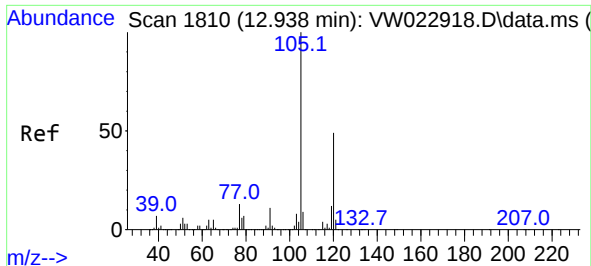
Tgt Ion:105 Resp: 545910
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 22.006 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 75 Resp: 66810
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 42.8 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.934 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

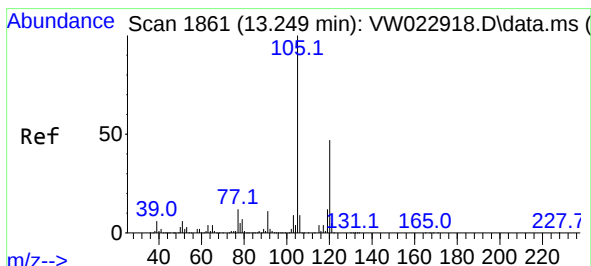
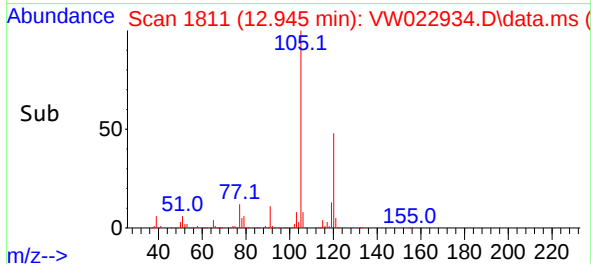
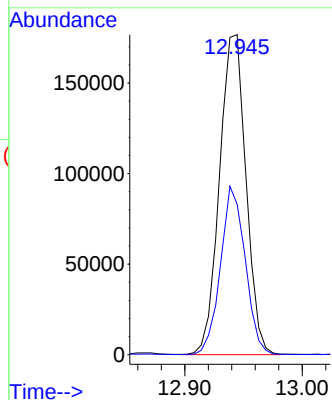
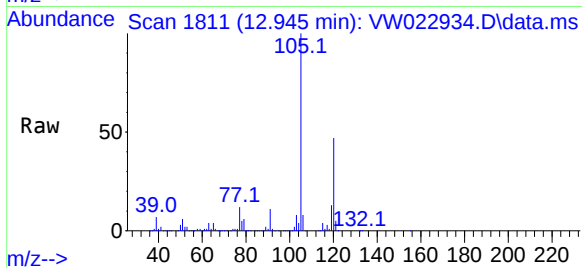
EW2X5MSD

Tgt Ion:105 Resp: 277170

Ion Ratio Lower Upper

105 100

120 48.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 24.173 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022934.D

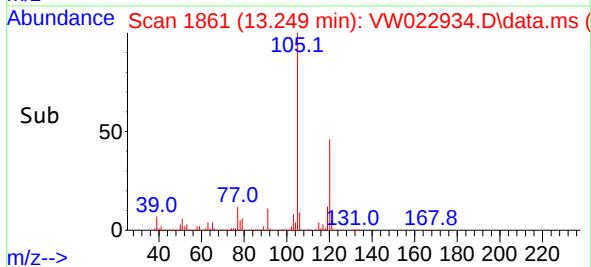
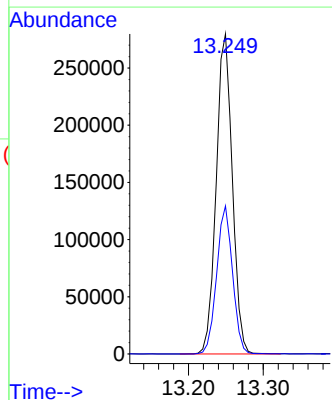
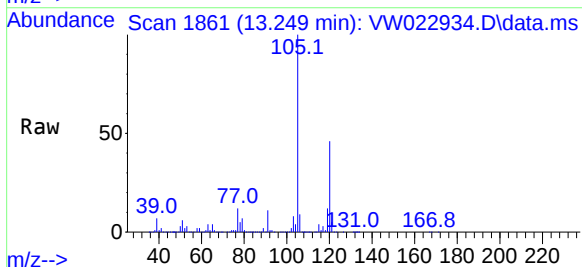
Acq: 09 May 2022 16:52

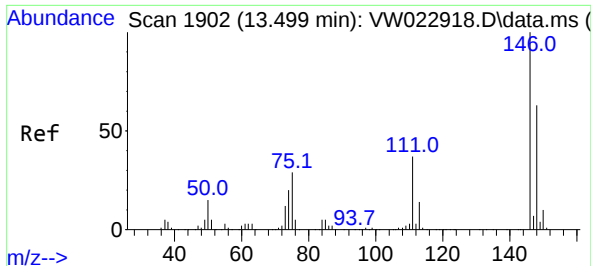
Tgt Ion:105 Resp: 420336

Ion Ratio Lower Upper

105 100

120 45.6 37.4 56.2

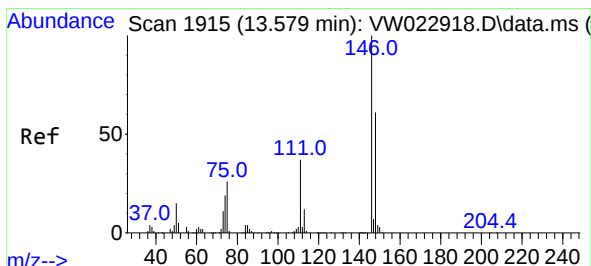
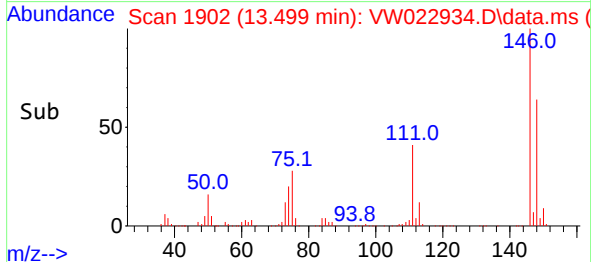
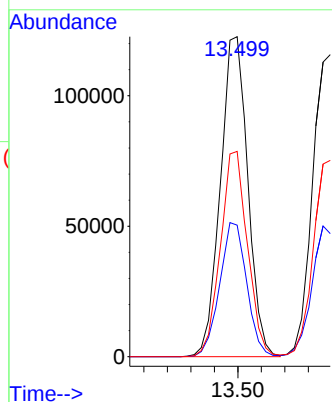
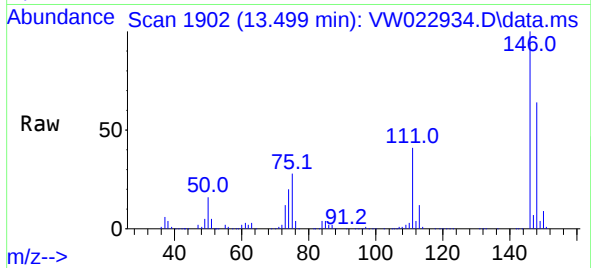




#64
1,3-Dichlorobenzene
Concen: 21.379 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

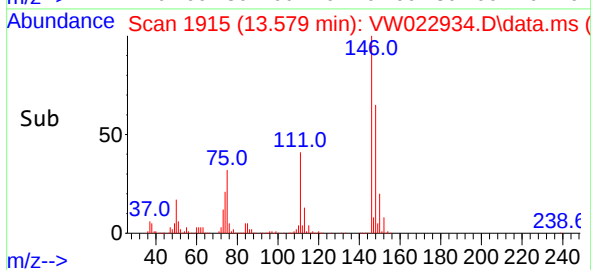
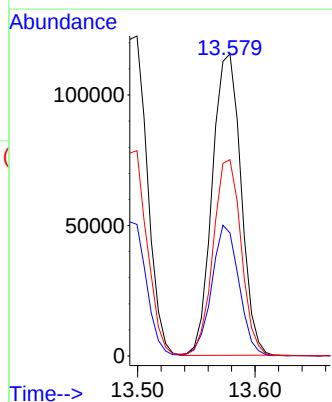
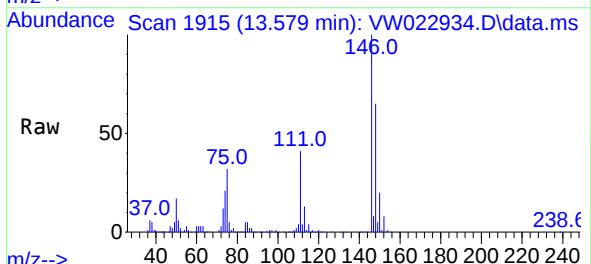
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

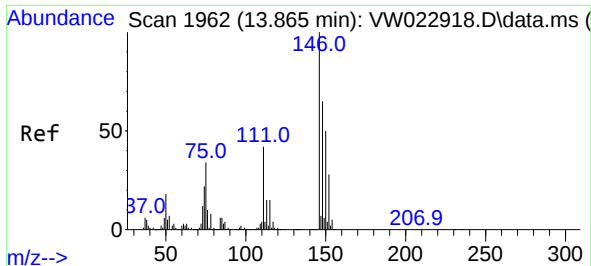
Tgt Ion:146 Resp: 198689
Ion Ratio Lower Upper
146 100
111 41.1 29.5 54.9
148 64.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 20.425 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion:146 Resp: 196068
Ion Ratio Lower Upper
146 100
111 40.7 27.2 50.4
148 65.0 44.0 81.6

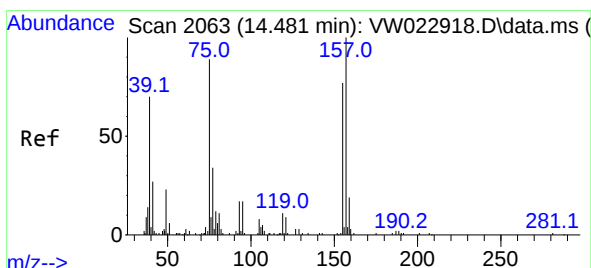
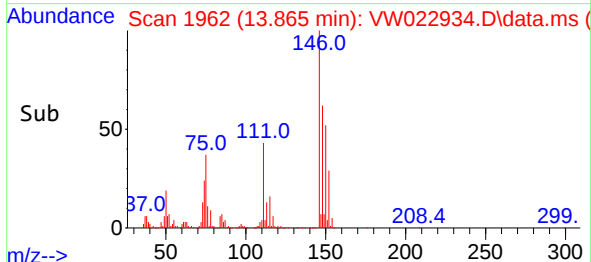
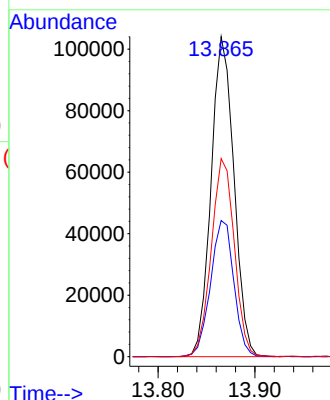
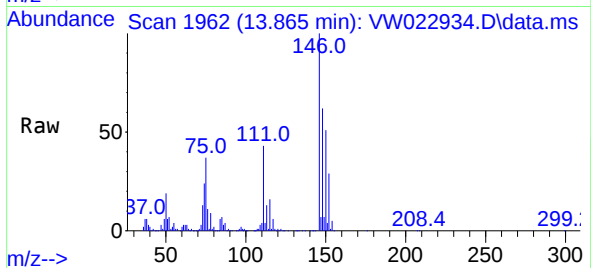




#67
1,2-Dichlorobenzene
Concen: 20.090 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

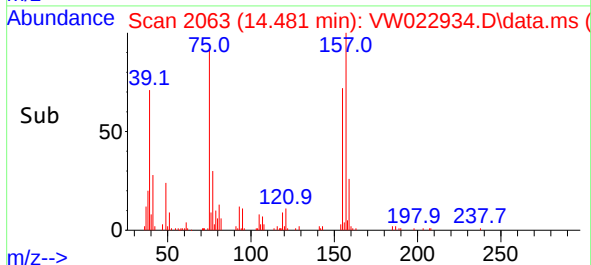
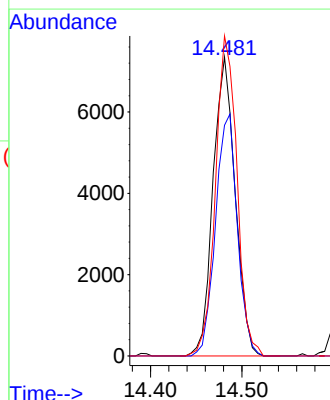
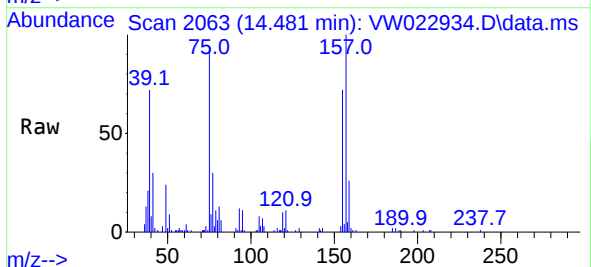
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

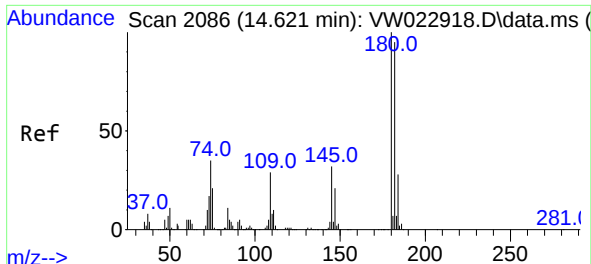
Tgt Ion:146 Resp: 170851
Ion Ratio Lower Upper
146 100
111 42.5 35.7 53.5
148 61.9 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 18.676 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion: 75 Resp: 12392
Ion Ratio Lower Upper
75 100
155 77.2 59.3 88.9
157 107.1 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 13.810 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

Tgt Ion:180 Resp: 85194

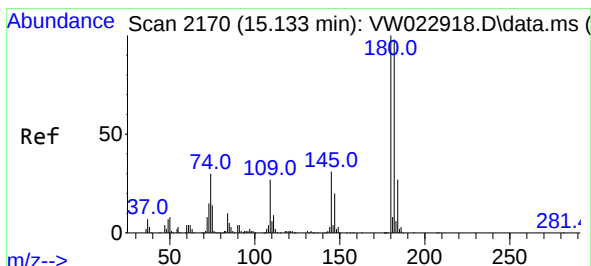
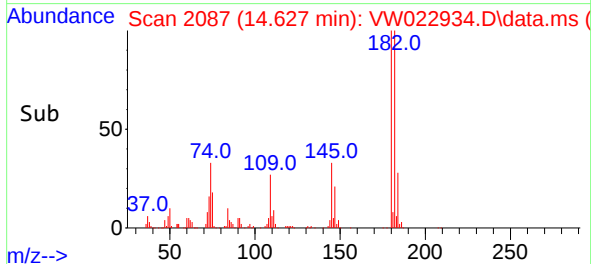
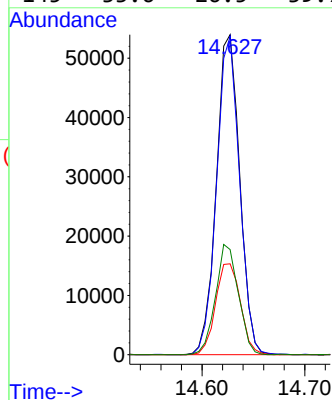
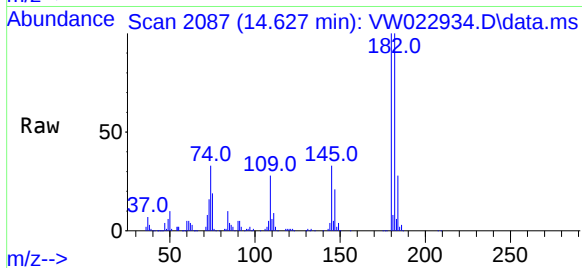
Ion Ratio Lower Upper

180 100

182 97.3 74.8 112.2

184 30.3 23.4 35.2

145 33.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 11.456 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW022934.D

Acq: 09 May 2022 16:52

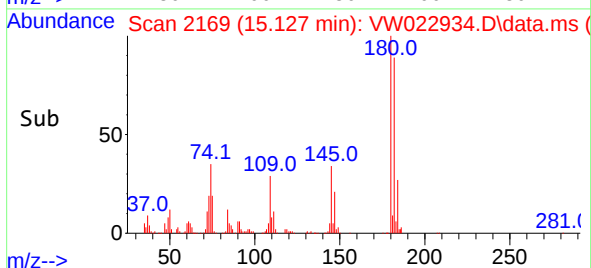
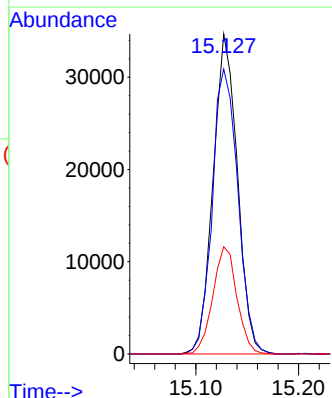
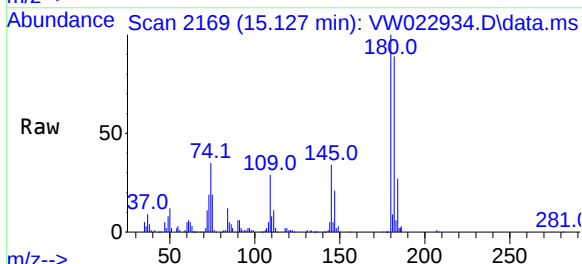
Tgt Ion:180 Resp: 56851

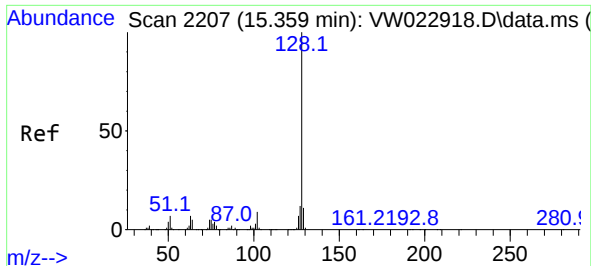
Ion Ratio Lower Upper

180 100

182 94.0 74.9 112.3

145 33.3 26.6 39.8

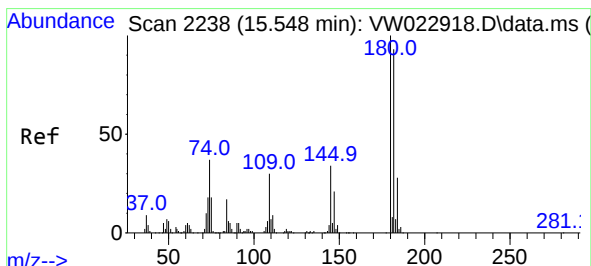
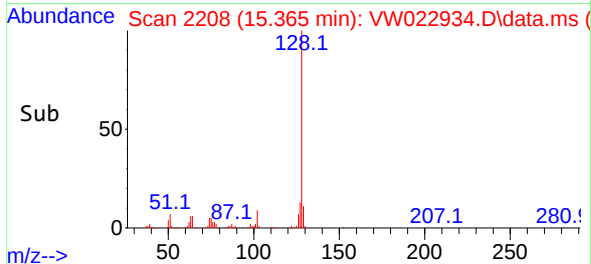
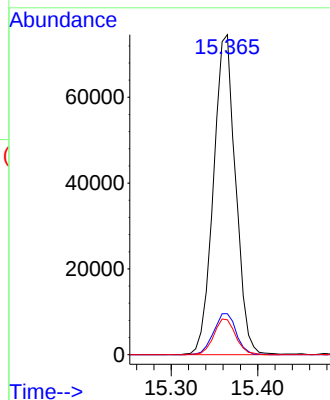
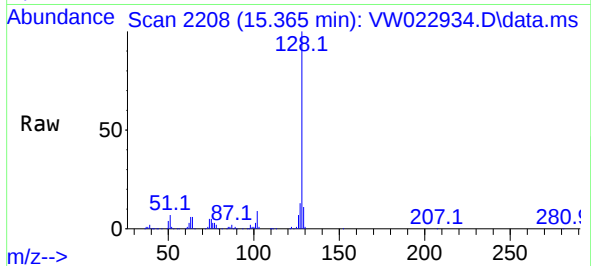




#71
Naphthalene
Concen: 12.285 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

Tgt Ion:128 Resp: 132508
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 9.362 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022934.D
Acq: 09 May 2022 16:52

Tgt Ion:180 Resp: 41178
Ion Ratio Lower Upper
180 100
182 102.6 73.5 110.3
145 37.1 27.9 41.9

