

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022935.D
 Acq On : 09 May 2022 17:16
 Operator : SY/VA
 Sample : N2714-03MS
 Misc : 4.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW2X5MS

Quant Time: May 09 23:00:03 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	317401	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	258508	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118533	18.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.885	69	92003	21.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	4.019	63	156772	18.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.520%
21) 2-Butanone-d5	7.080	46	51840	41.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.740%
24) Chloroform-d	7.647	84	206166	22.171	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.680%
26) 1,2-Dichloroethane-d4	8.305	65	108721	21.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.280%
32) Benzene-d6	8.275	84	379302	25.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.840%
36) 1,2-Dichloropropane-d6	9.274	67	111771	26.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.800%
41) Toluene-d8	10.323	98	329073	22.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.579	79	42768	22.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.927	63	41517	51.961	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	88942	22.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	13.847	152	69120	22.011	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	30152	17.426	ug/L	94
3) Chloromethane	2.221	50	67612	20.222	ug/L	99
5) Vinyl chloride	2.361	62	126787	18.895	ug/L	97
6) Bromomethane	2.782	94	73335	17.022	ug/L	94
8) Chloroethane	2.922	64	67511	20.860	ug/L	97
9) Trichlorofluoromethane	3.257	101	60620	19.766	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	80734	17.605	ug/L	97
12) 1,1-Dichloroethene	4.044	96	77913	19.166	ug/L	88
13) Acetone	4.123	43	52018	56.116	ug/L	98
14) Carbon disulfide	4.385	76	162155	14.549	ug/L	99
15) Methyl Acetate	4.672	43	32287	17.337	ug/L	100
16) Methylene chloride	4.922	84	87917	18.930	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	84764	18.529	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	141923	20.322	ug/L	99
19) 1,1-Dichloroethane	6.214	63	156119	20.135	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	96956	19.732	ug/L #	94
22) 2-Butanone	7.171	43	52379	40.404	ug/L	99
23) Bromochloromethane	7.519	128	44435	19.310	ug/L	91
25) Chloroform	7.677	83	174138	20.311	ug/L	95

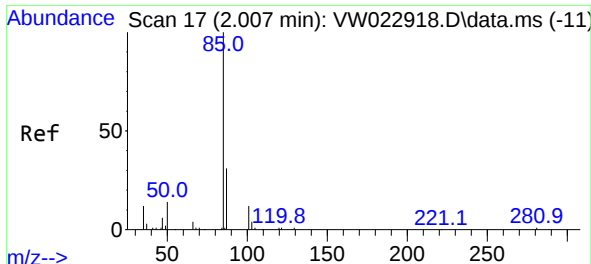
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
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 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	109251	19.117	ug/L	100
29) Cyclohexane	7.958	56	92883	16.614	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	144060	23.582	ug/L	100
31) Carbon tetrachloride	8.067	117	113230	19.814	ug/L	99
33) Benzene	8.323	78	355051	23.314	ug/L	100
34) Trichloroethene	9.092	95	88808	21.205	ug/L	98
35) Methylcyclohexane	9.335	83	82889	12.047	ug/L	98
37) 1,2-Dichloropropane	9.366	63	85741	23.266	ug/L	99
38) Bromodichloromethane	9.646	83	110465	21.103	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	119967	20.994	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	98741	42.509	ug/L	99
42) Toluene	10.384	91	366473	21.473	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	106351	20.851	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	68897	22.363	ug/L	96
46) Tetrachloroethene	10.860	164	52759	16.763	ug/L	93
48) 2-Hexanone	10.969	43	73226	47.181	ug/L	99
49) Dibromochloromethane	11.128	129	73396	19.794	ug/L	94
50) 1,2-Dibromoethane	11.238	107	63403	20.495	ug/L	99
51) Chlorobenzene	11.658	112	217440	19.325	ug/L	97
52) Ethylbenzene	11.725	91	359281	18.922	ug/L	99
53) m,p-Xylene	11.835	106	135208	18.073	ug/L	90
54) o-Xylene	12.164	106	134992	18.803	ug/L	98
55) Styrene	12.176	104	216414	17.740	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	74344	19.320	ug/L	92
59) Bromoform	12.347	173	33326	26.177	ug/L	99
60) Isopropylbenzene	12.463	105	308682	25.082	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	56655	31.563	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	145860	21.303	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	232287	22.595	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	107613	19.585	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	111720	19.685	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	100550	19.998	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	9773	24.913	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	42155	11.558	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	30644	10.445	ug/L	97
71) Naphthalene	15.359	128	90385	14.174	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	25563	9.831	ug/L	99

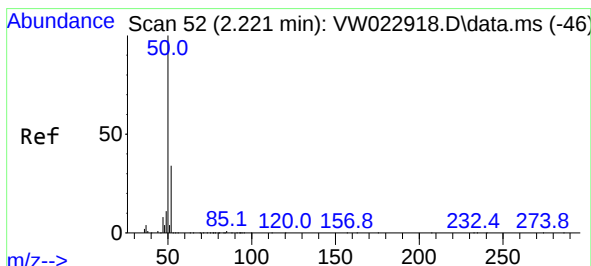
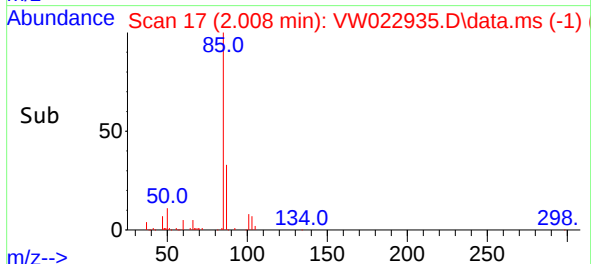
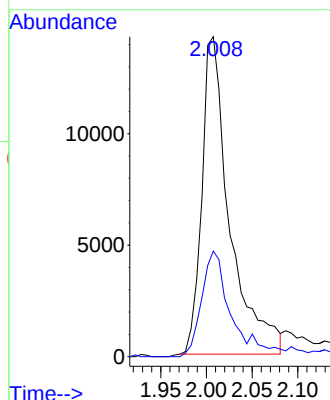
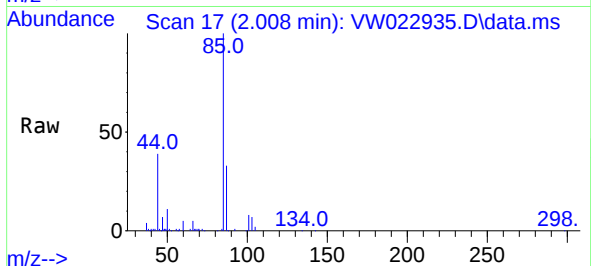
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 17.426 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022935.D
 Acq: 09 May 2022 17:16

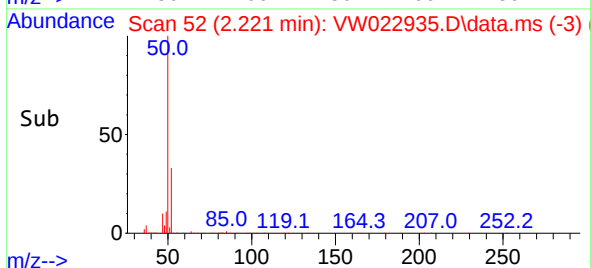
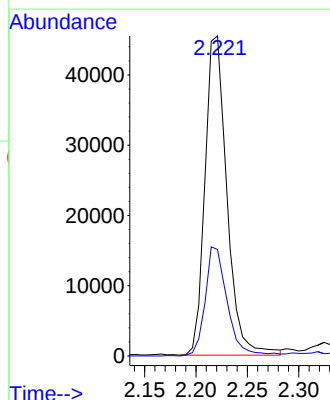
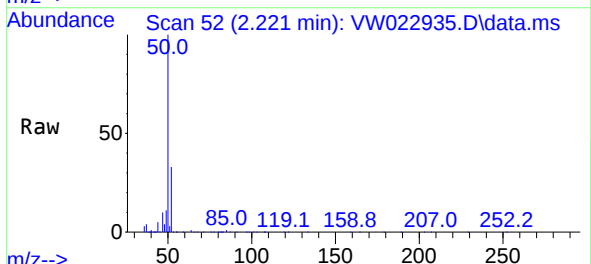
Instrument :
 MSVOA_W
 ClientSampleId :
 EW2X5MS

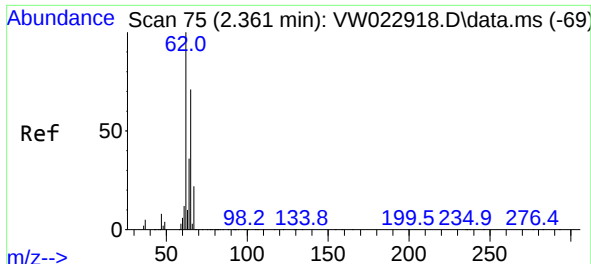
Tgt Ion: 85 Resp: 30152
 Ion Ratio Lower Upper
 85 100
 87 31.1 27.8 41.8



#3
 Chloromethane
 Concen: 20.222 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022935.D
 Acq: 09 May 2022 17:16

Tgt Ion: 50 Resp: 67612
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.1 42.9

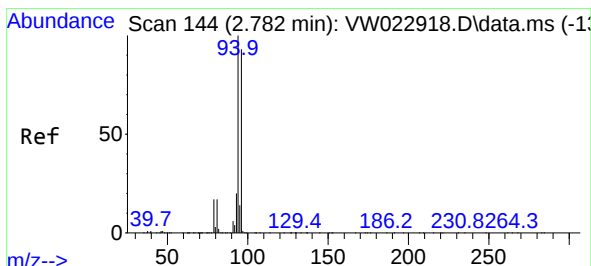
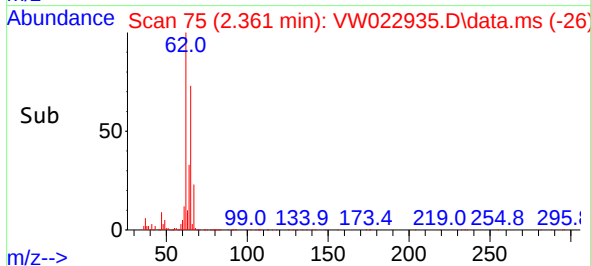
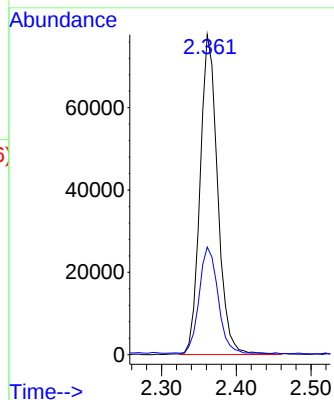
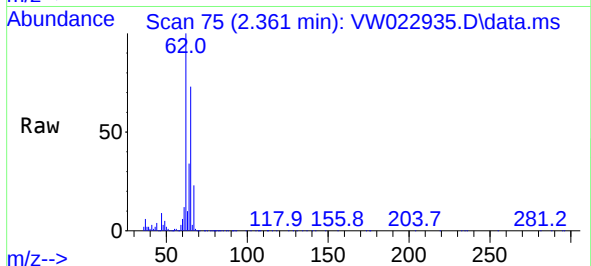




#5
 Vinyl chloride
 Concen: 18.895 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022935.D
 Acq: 09 May 2022 17:16

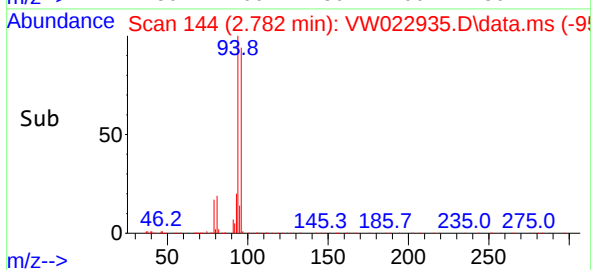
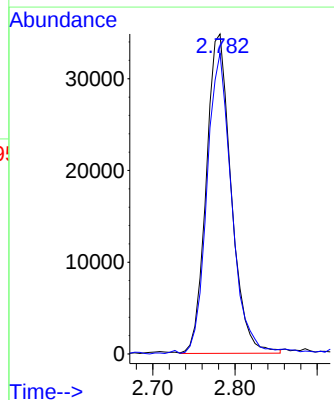
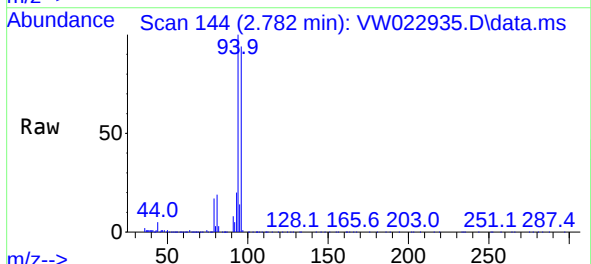
Instrument :
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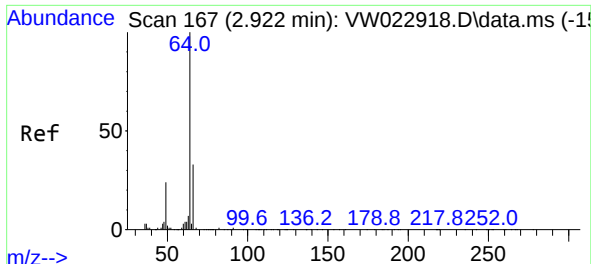
Tgt Ion: 62 Resp: 126787
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.9 46.3



#6
 Bromomethane
 Concen: 17.022 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022935.D
 Acq: 09 May 2022 17:16

Tgt Ion: 94 Resp: 73335
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.7 114.5

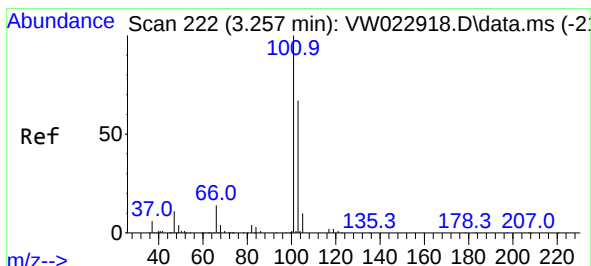
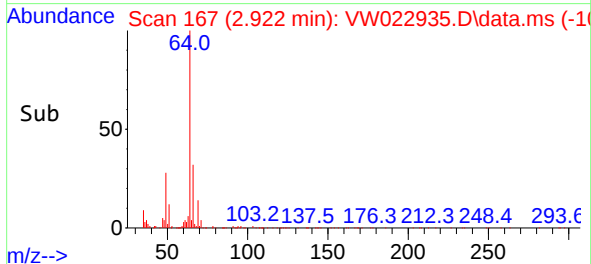
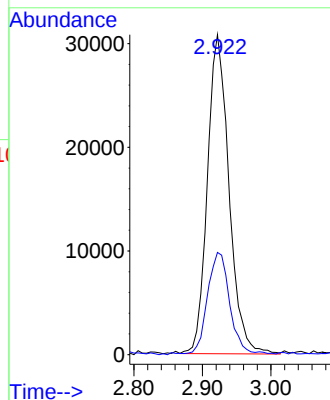
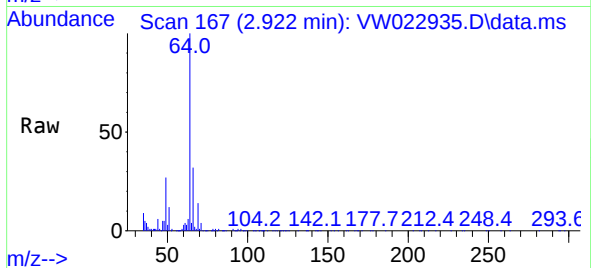




#8
Chloroethane
Concen: 20.860 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

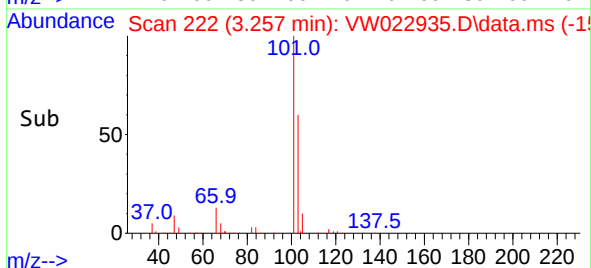
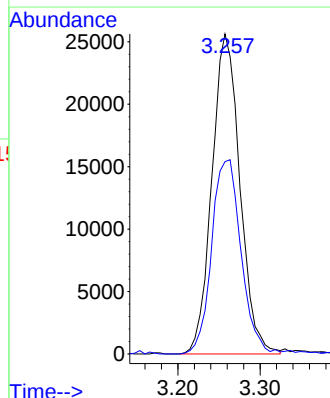
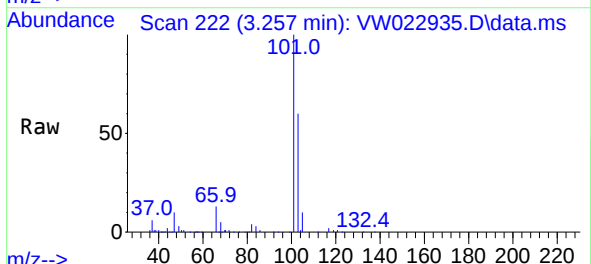
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ClientSampleId :
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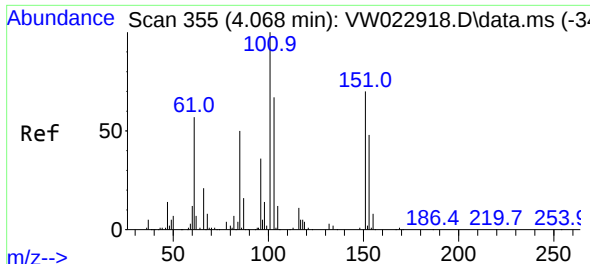
Tgt Ion: 64 Resp: 67511
Ion Ratio Lower Upper
64 100
66 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.766 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 101 Resp: 60620
Ion Ratio Lower Upper
101 100
103 63.4 53.9 80.9

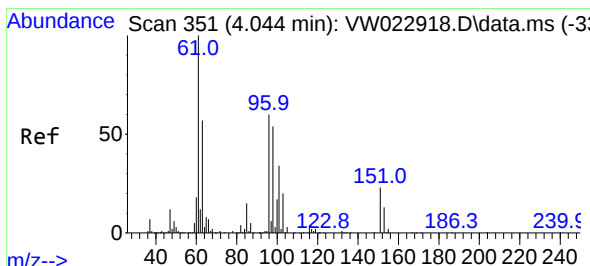
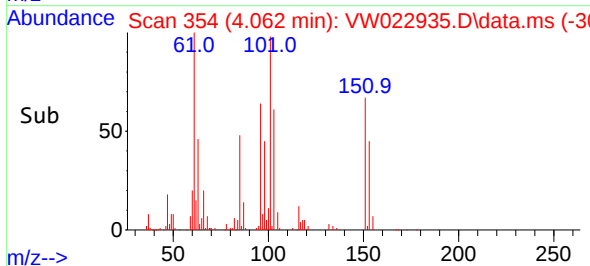
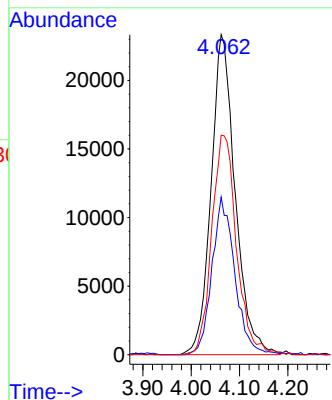
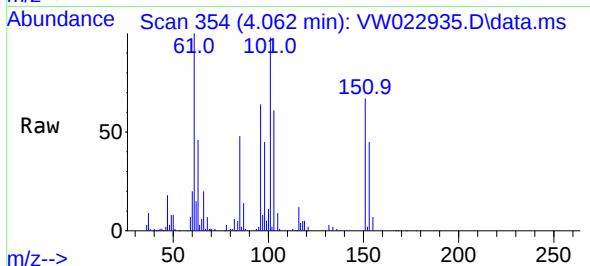




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.605 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022935.D
 Acq: 09 May 2022 17:16

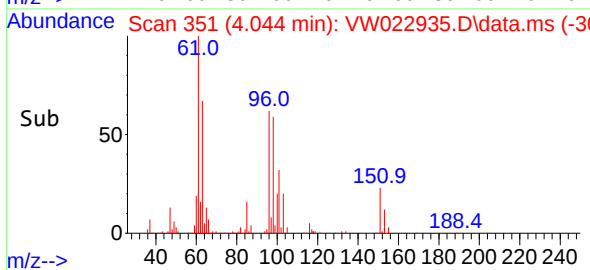
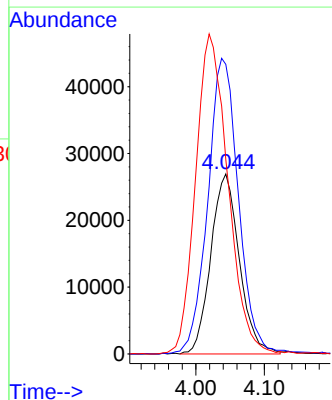
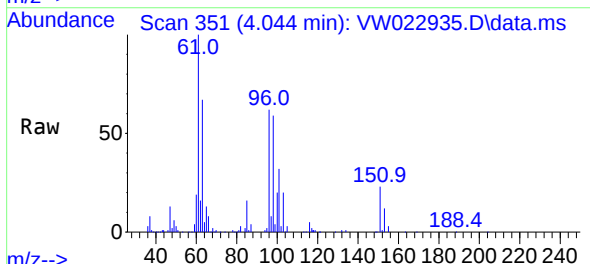
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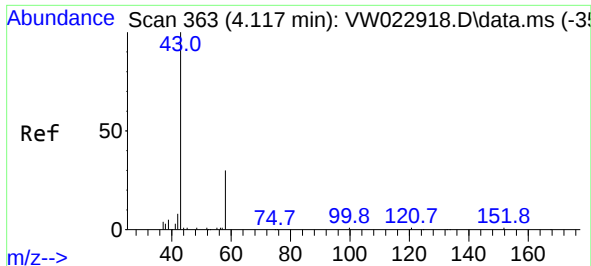
Tgt Ion:	101	Resp:	80734
Ion	Ratio	Lower	Upper
101	100		
85	46.3	34.3	51.5
151	69.1	54.2	81.2



#12
 1,1-Dichloroethene
 Concen: 19.166 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022935.D
 Acq: 09 May 2022 17:16

Tgt Ion:	96	Resp:	77913
Ion	Ratio	Lower	Upper
96	100		
61	160.9	125.7	233.5
63	108.0	83.4	155.0

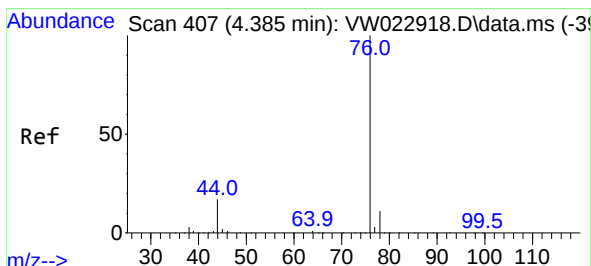
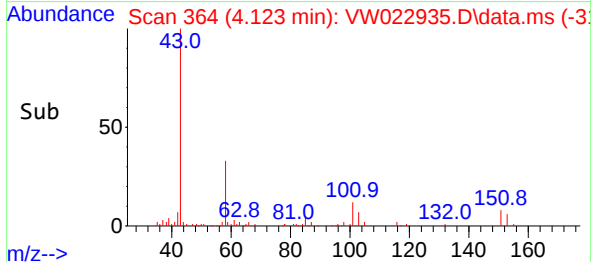
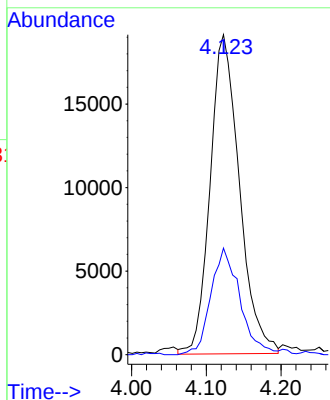
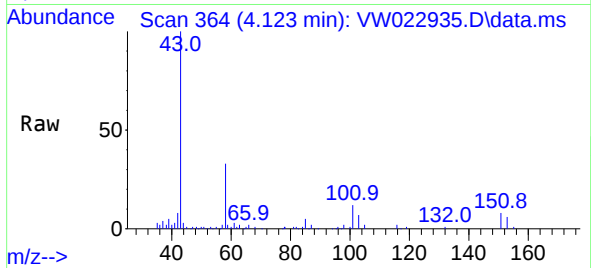




#13
Acetone
Concen: 56.116 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

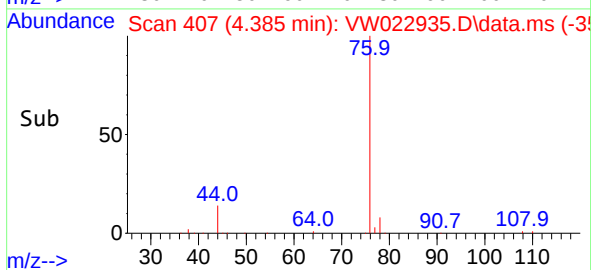
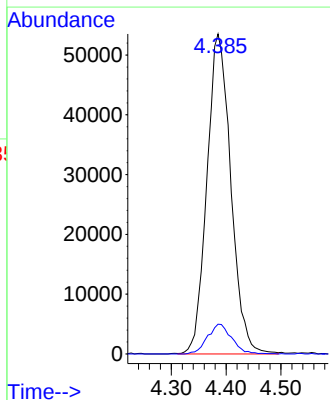
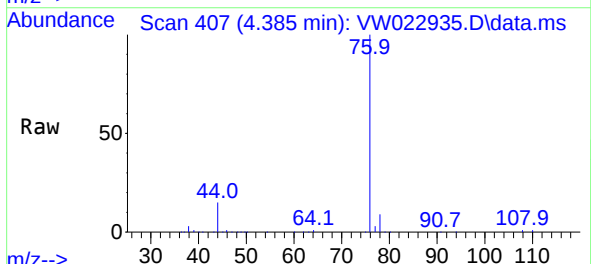
Instrument :
MSVOA_W
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EW2X5MS

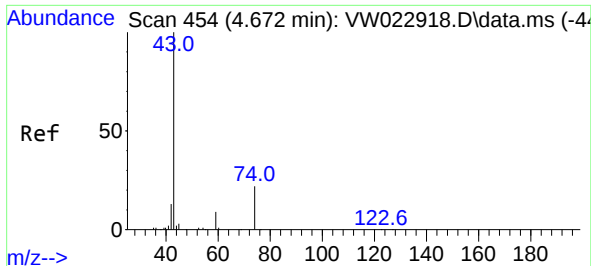
Tgt Ion: 43 Resp: 52018
Ion Ratio Lower Upper
43 100
58 33.2 0.0 64.0



#14
Carbon disulfide
Concen: 14.549 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 76 Resp: 162155
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

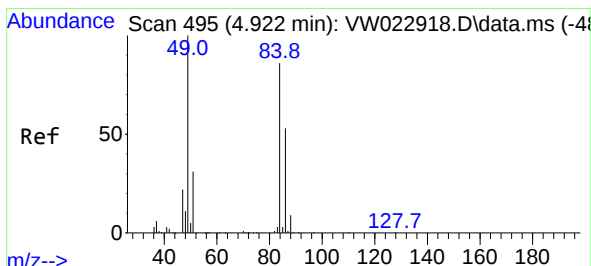
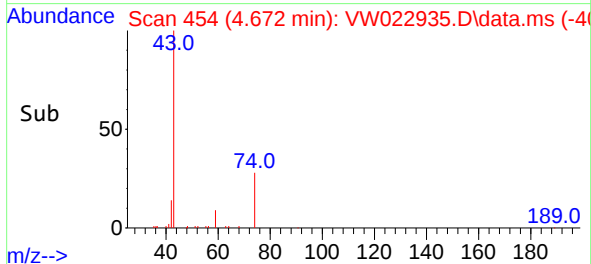
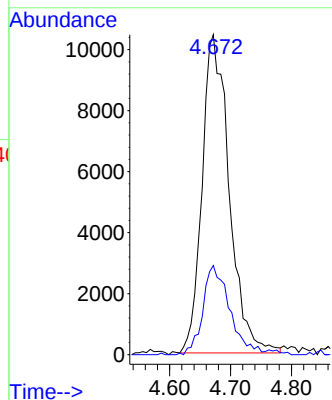
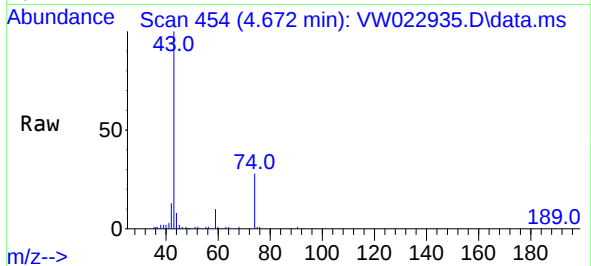




#15
Methyl Acetate
Concen: 17.337 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

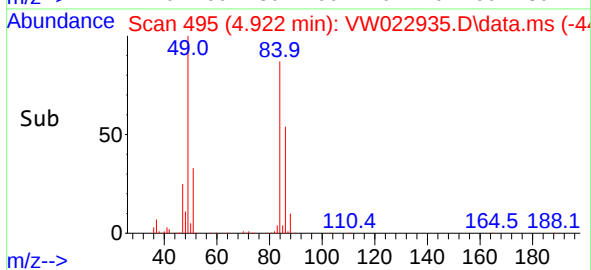
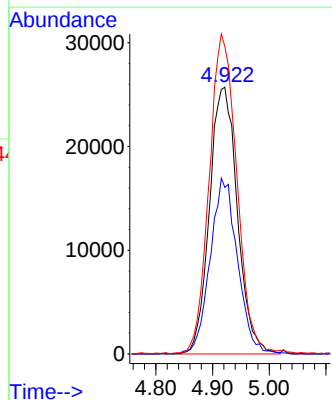
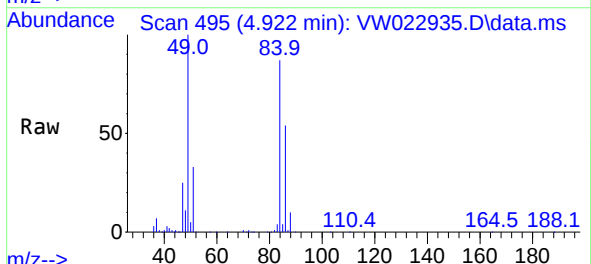
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

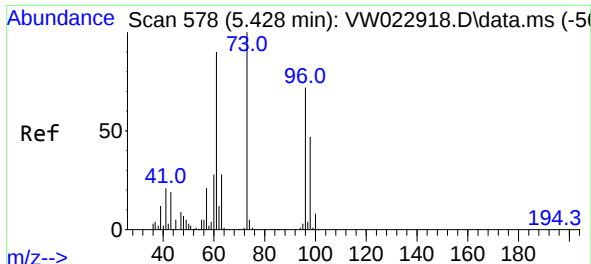
Tgt Ion: 43 Resp: 32287
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9



#16
Methylene chloride
Concen: 18.930 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 84 Resp: 87917
Ion Ratio Lower Upper
84 100
86 62.5 45.4 84.4
49 115.2 82.5 153.1

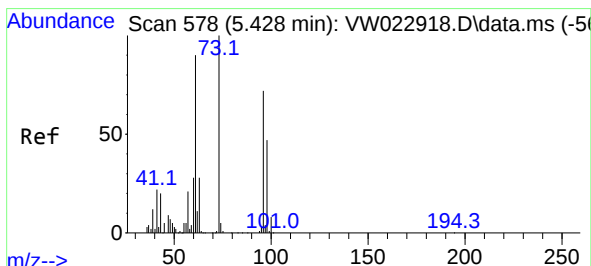
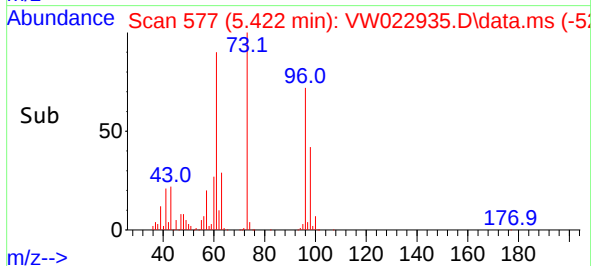
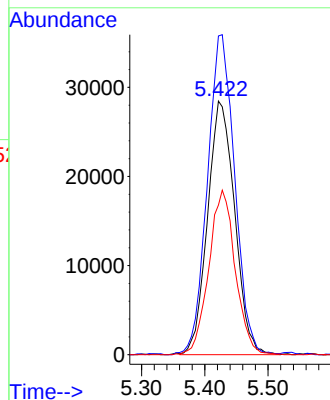
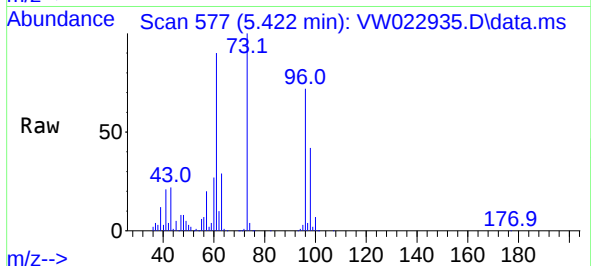




#17
trans-1,2-Dichloroethene
Concen: 18.529 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

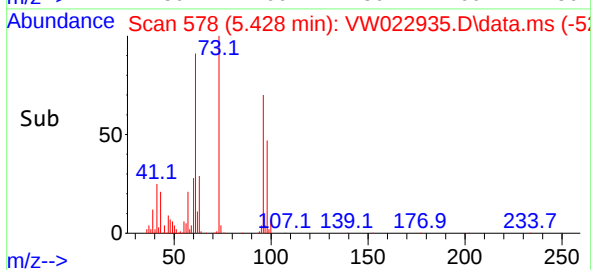
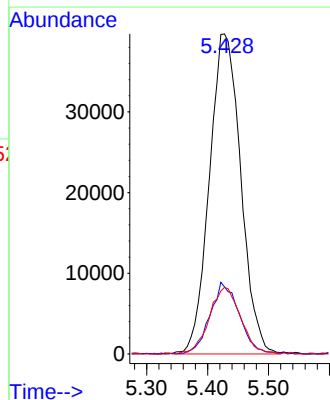
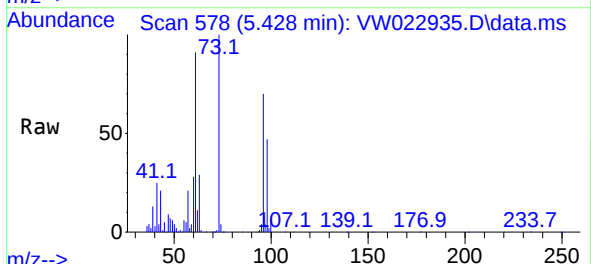
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

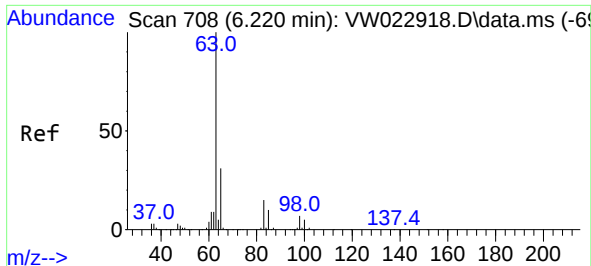
Tgt Ion: 96 Resp: 84764
Ion Ratio Lower Upper
96 100
61 125.6 92.2 171.2
98 59.0 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 20.322 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 73 Resp: 141923
Ion Ratio Lower Upper
73 100
43 20.7 15.9 23.9
57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 20.135 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MS

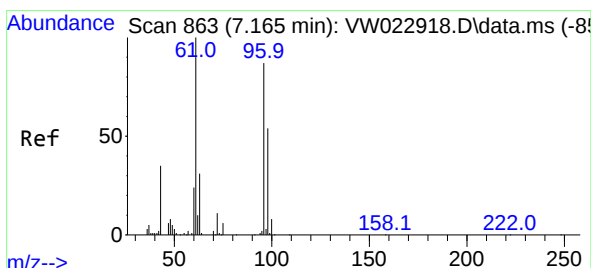
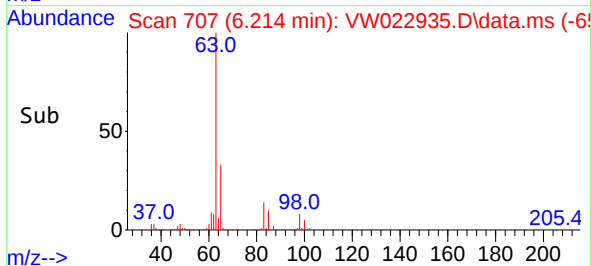
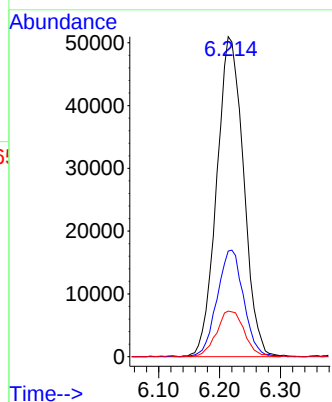
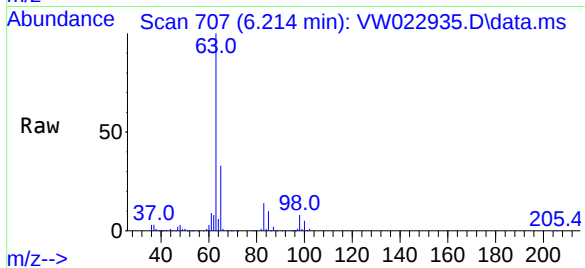
Tgt Ion: 63 Resp: 156119

Ion Ratio Lower Upper

63 100

65 33.0 23.3 43.3

83 14.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 19.732 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

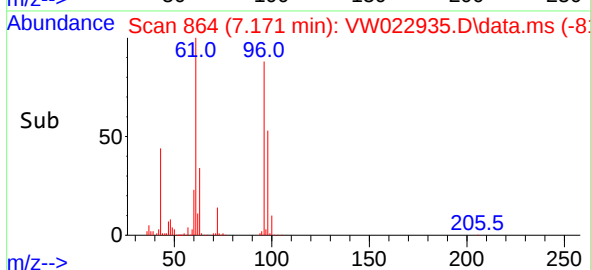
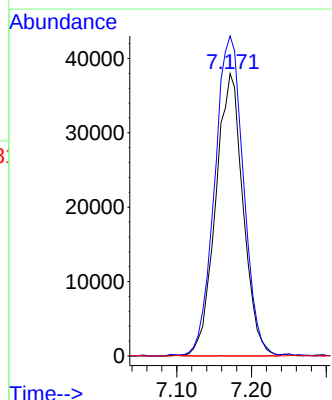
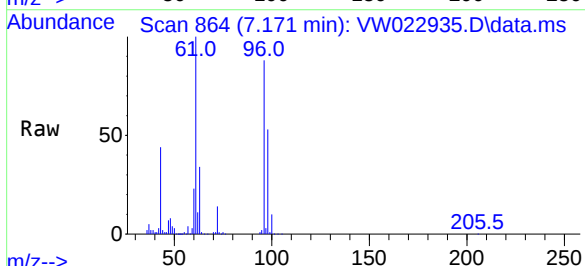
Tgt Ion: 96 Resp: 96956

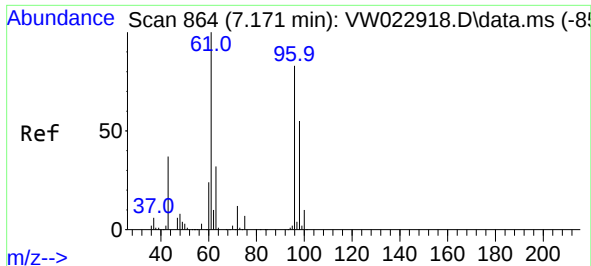
Ion Ratio Lower Upper

96 100

61 113.3 84.2 156.4

68 0.0 0.1 0.1#

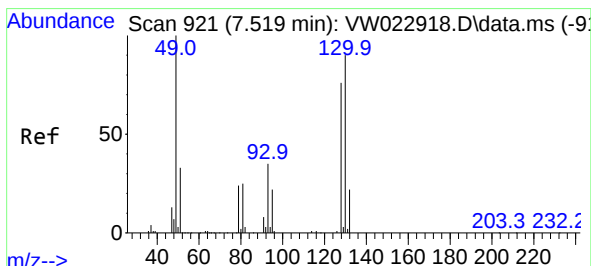
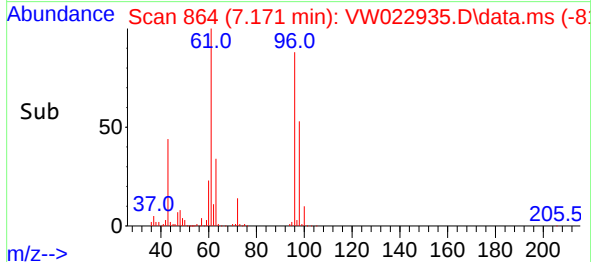
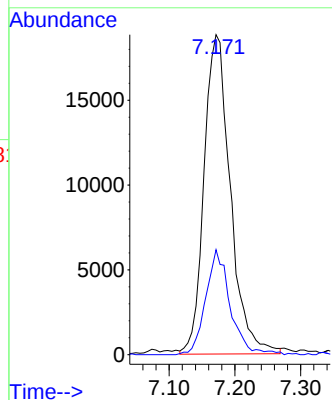
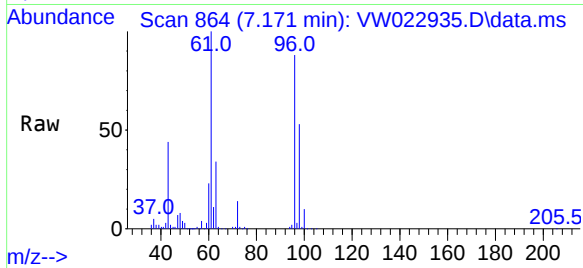




#22
2-Butanone
Concen: 40.404 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

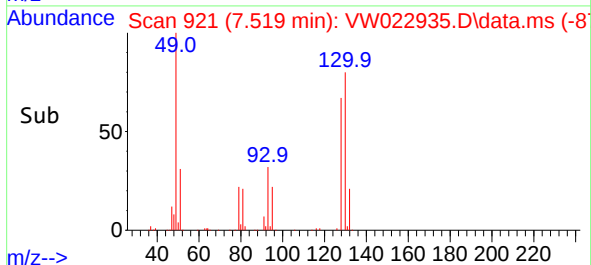
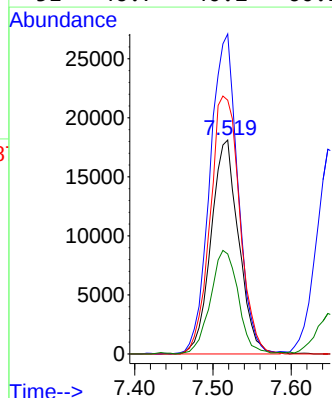
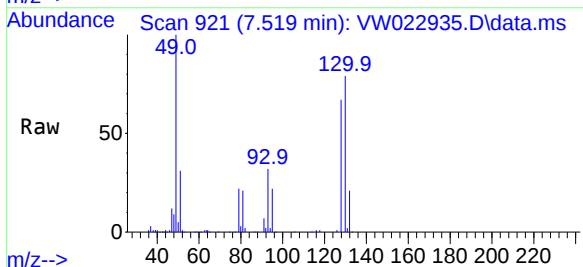
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

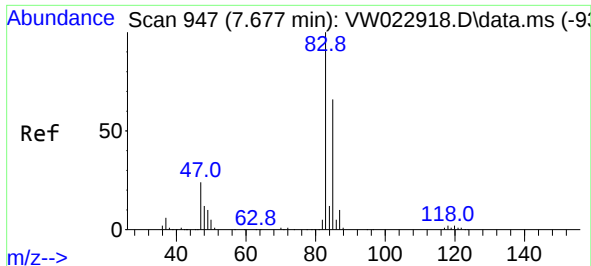
Tgt Ion: 43 Resp: 52379
Ion Ratio Lower Upper
43 100
72 29.5 15.1 45.3



#23
Bromochloromethane
Concen: 19.310 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 128 Resp: 44435
Ion Ratio Lower Upper
128 100
49 149.6 110.0 204.4
130 118.6 94.8 176.0
51 46.7 40.2 60.2

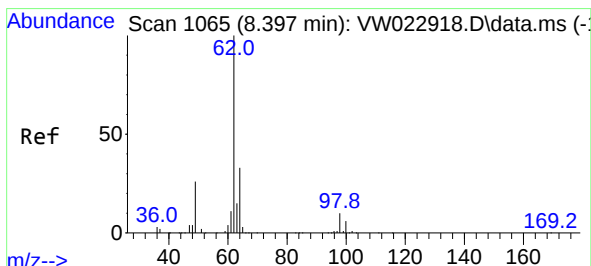
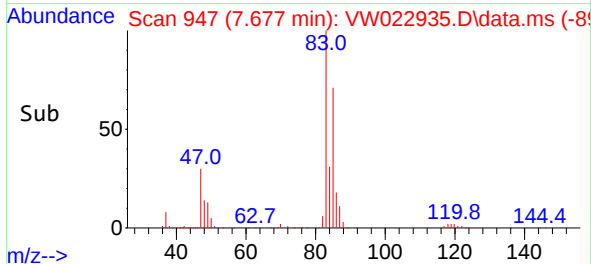
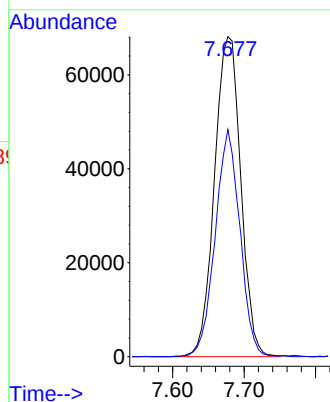
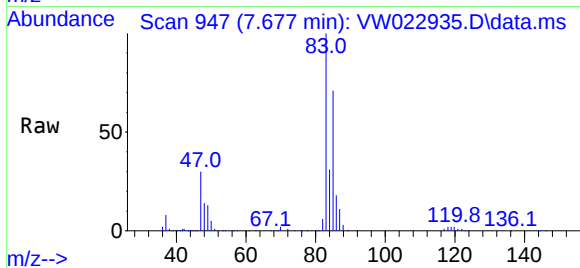




#25
Chloroform
Concen: 20.311 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

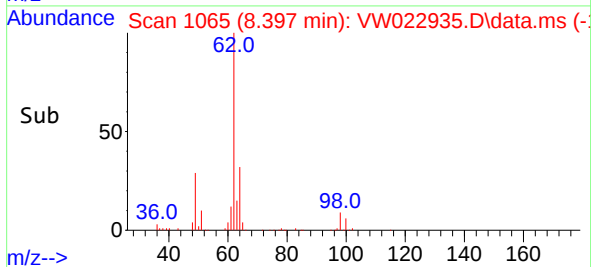
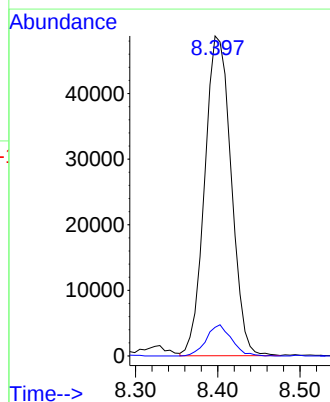
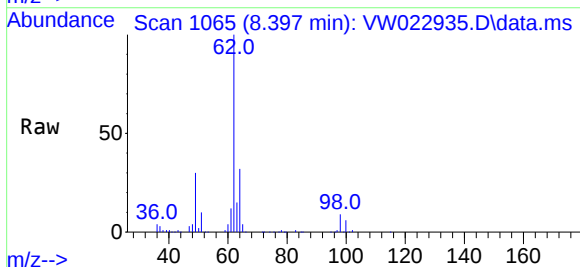
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

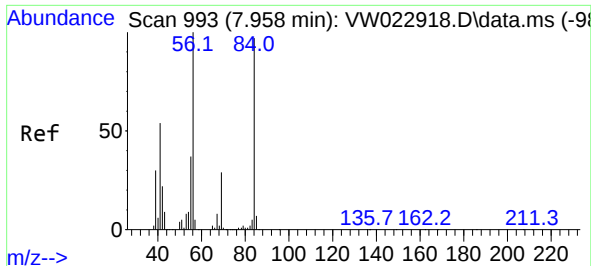
Tgt Ion: 83 Resp: 174138
Ion Ratio Lower Upper
83 100
85 71.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 19.117 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 62 Resp: 109251
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8



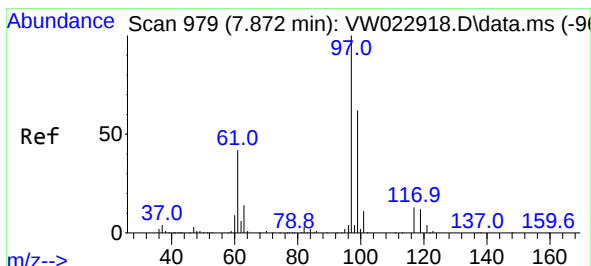
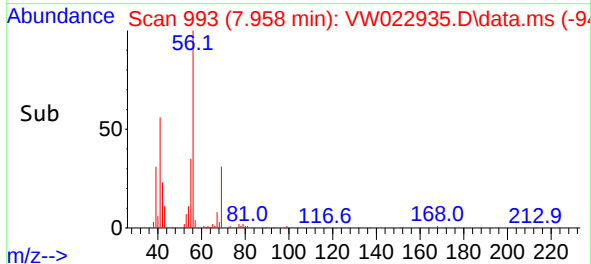
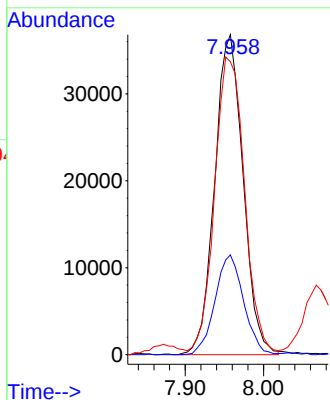
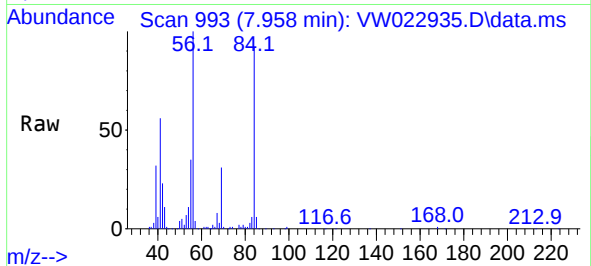


#29
Cyclohexane
Concen: 16.614 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

Tgt Ion: 56 Resp: 92883

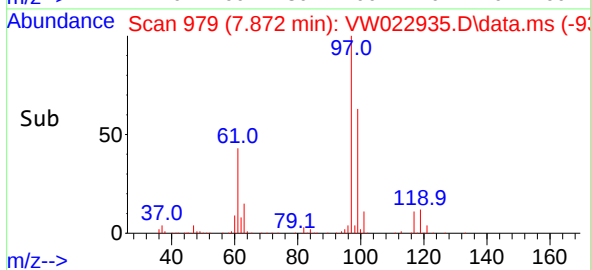
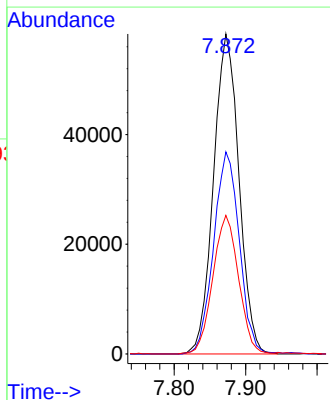
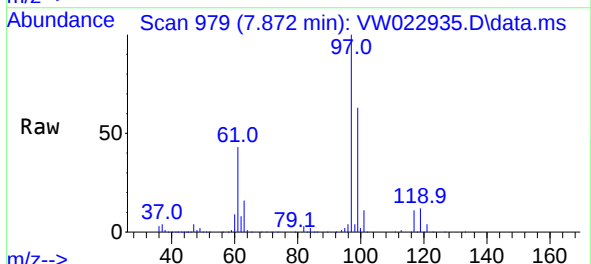
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.6	38.4
84	98.2	78.2	117.4

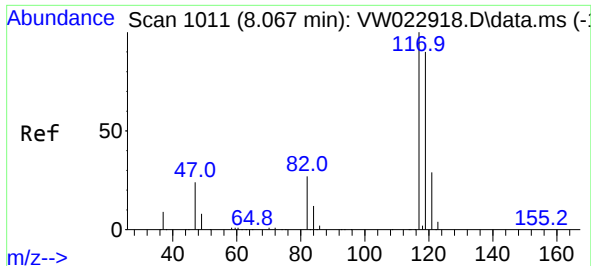


#30
1,1,1-Trichloroethane
Concen: 23.582 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 97 Resp: 144060

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	43.8	34.8	52.2

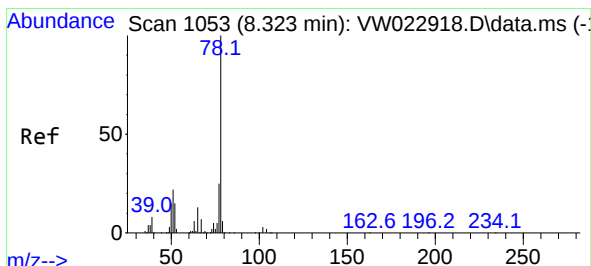
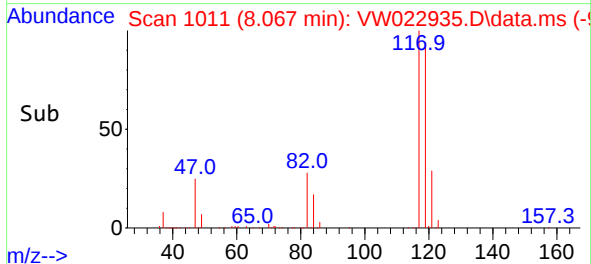
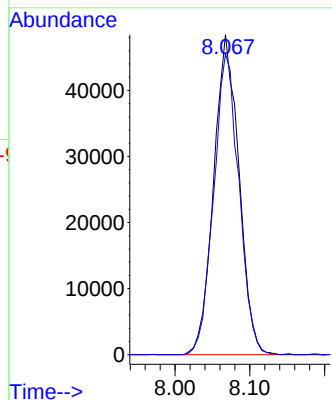
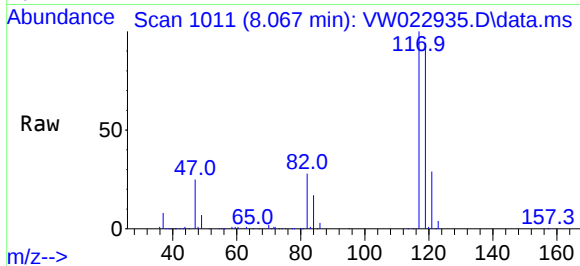




#31
Carbon tetrachloride
Concen: 19.814 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

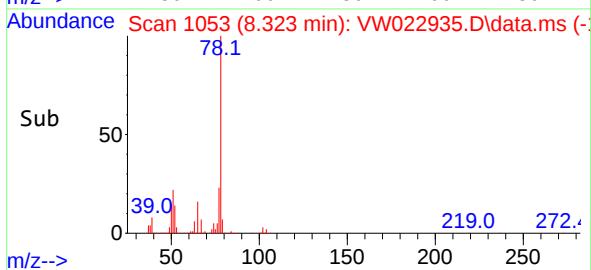
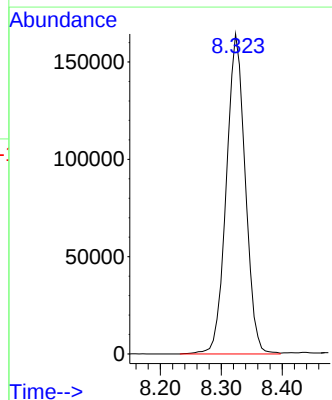
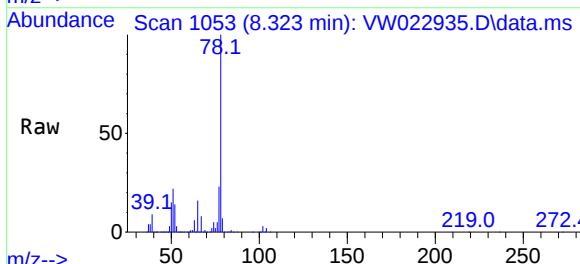
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

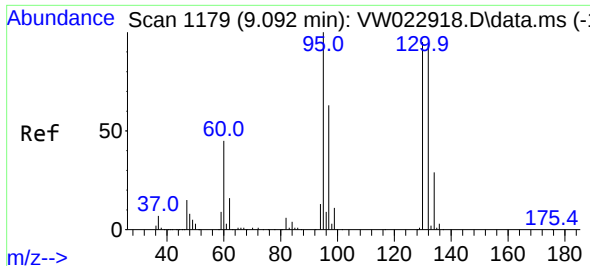
Tgt Ion:117 Resp: 113230
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0



#33
Benzene
Concen: 23.314 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 78 Resp: 355051



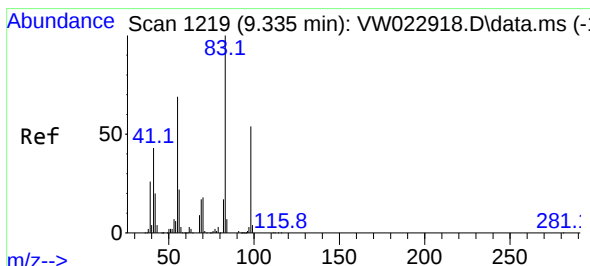
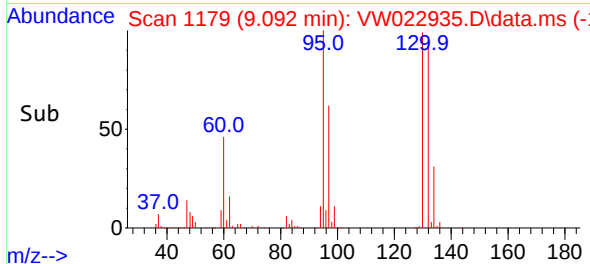
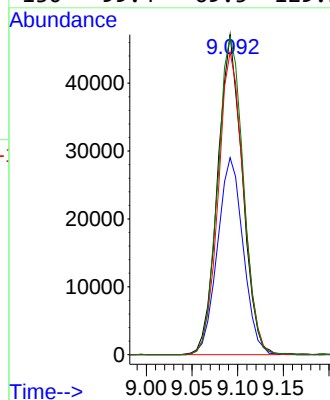
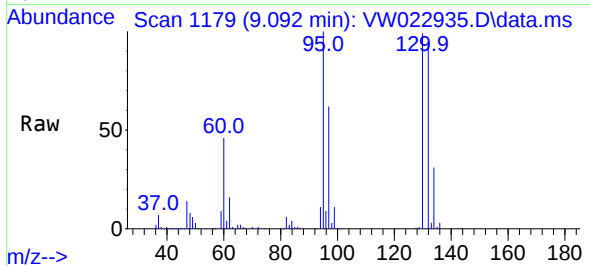


#34
Trichloroethene
Concen: 21.205 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

Tgt Ion: 95 Resp: 88808

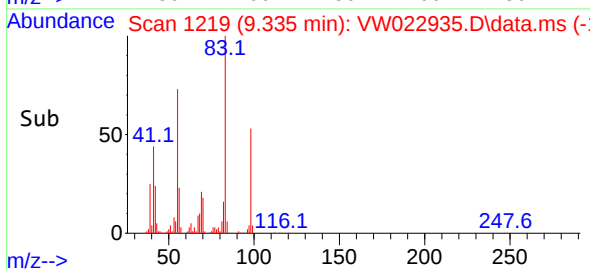
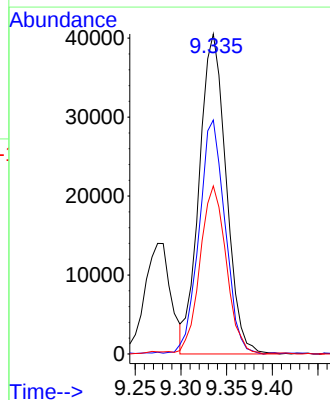
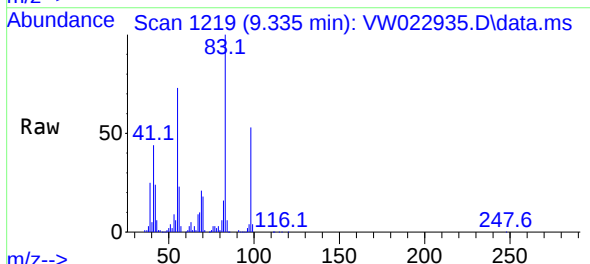
Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.1	85.7
132	94.6	66.9	124.3
130	99.4	69.5	129.1

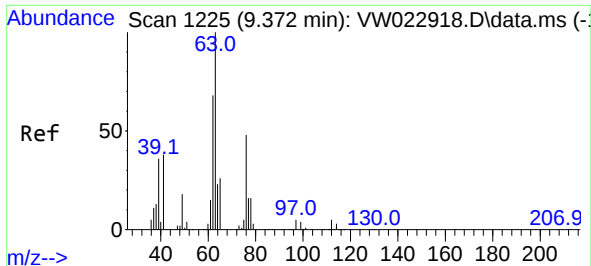


#35
Methylcyclohexane
Concen: 12.047 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 83 Resp: 82889

Ion	Ratio	Lower	Upper
83	100		
55	70.8	55.1	82.7
98	51.1	40.4	60.6





#37

1,2-Dichloropropane

Concen: 23.266 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

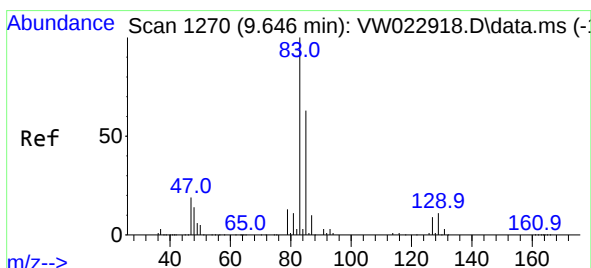
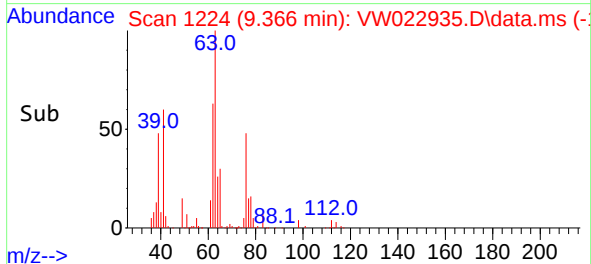
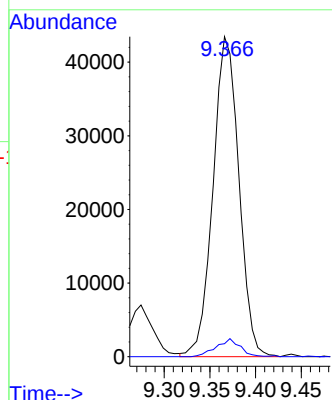
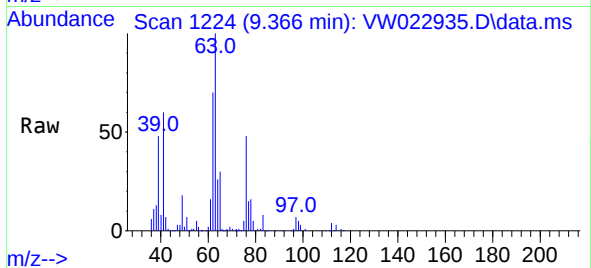
EW2X5MS

Tgt Ion: 63 Resp: 85741

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 21.103 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

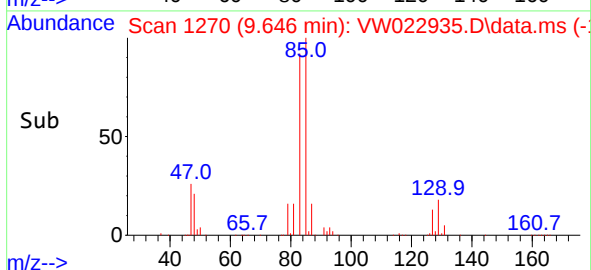
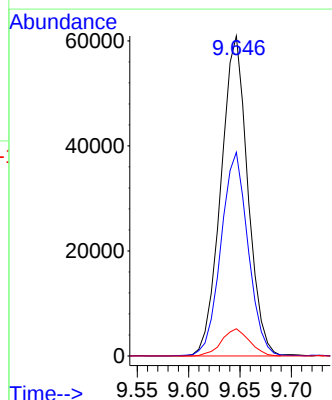
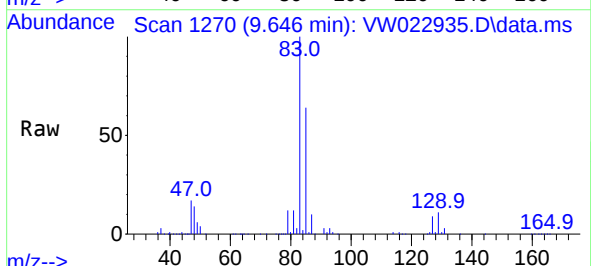
Tgt Ion: 83 Resp: 110465

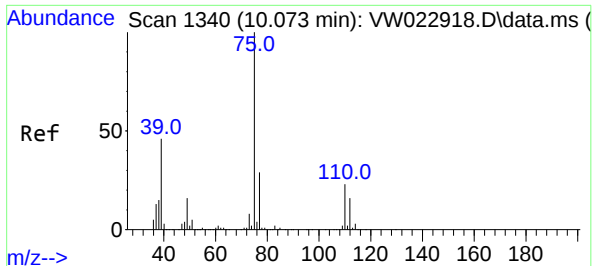
Ion Ratio Lower Upper

83 100

85 63.7 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 20.994 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

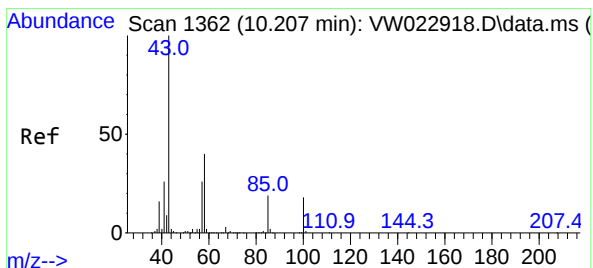
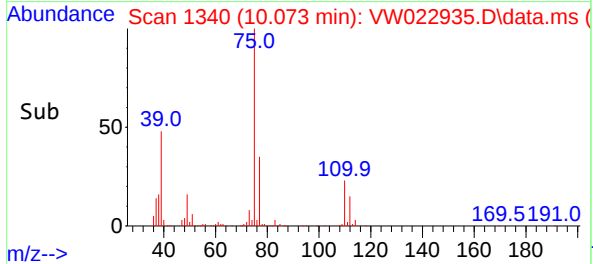
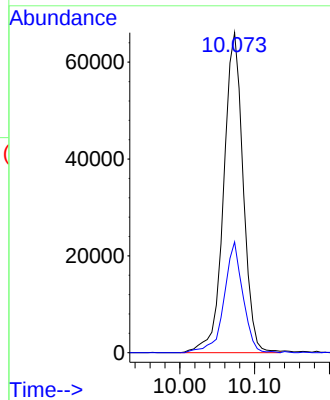
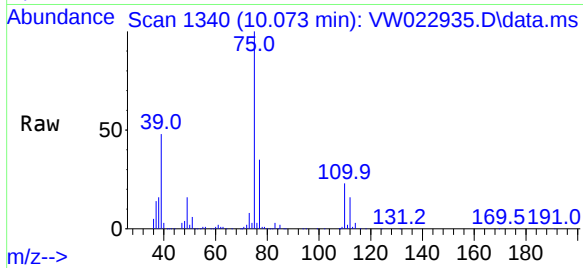
EW2X5MS

Tgt Ion: 75 Resp: 119967

Ion Ratio Lower Upper

75 100

77 34.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 42.509 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

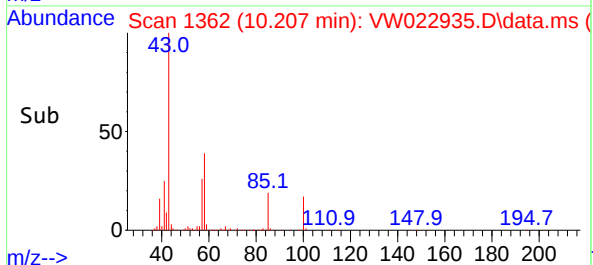
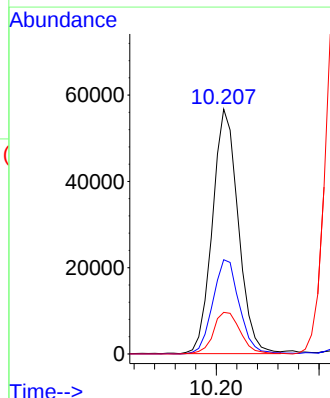
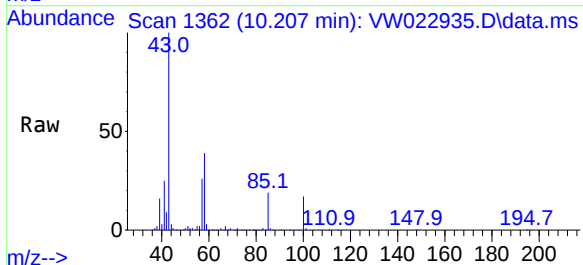
Tgt Ion: 43 Resp: 98741

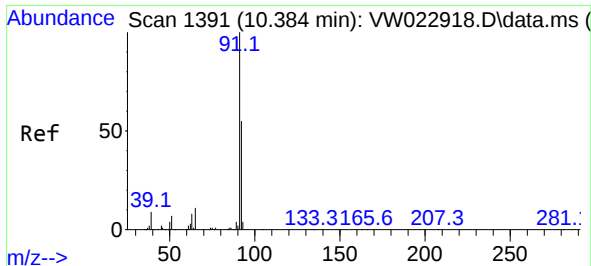
Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 17.9 14.2 21.4

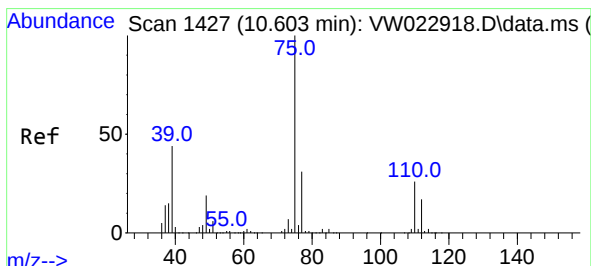
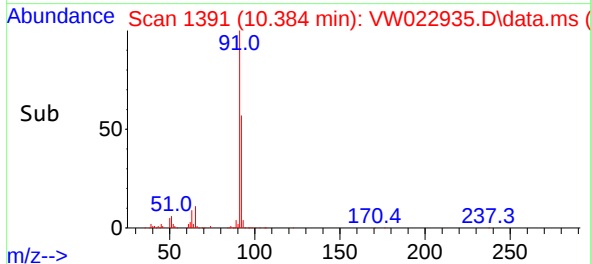
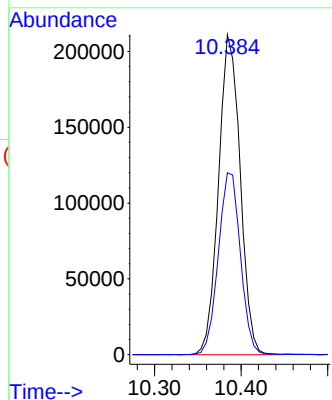
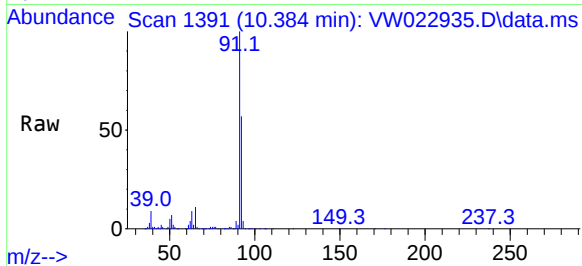




#42
Toluene
Concen: 21.473 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

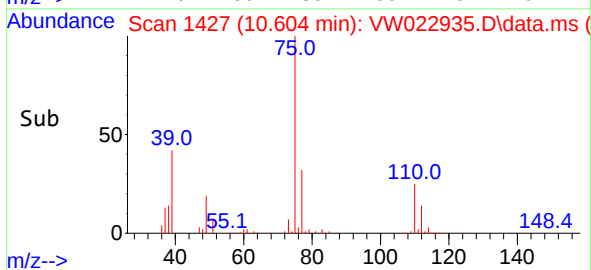
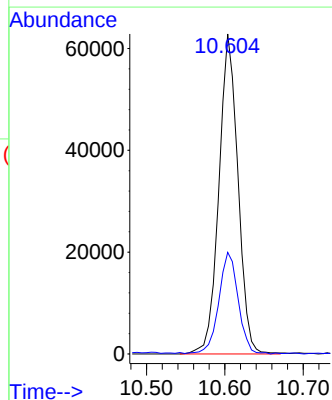
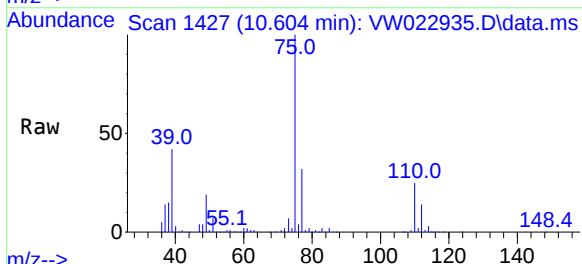
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

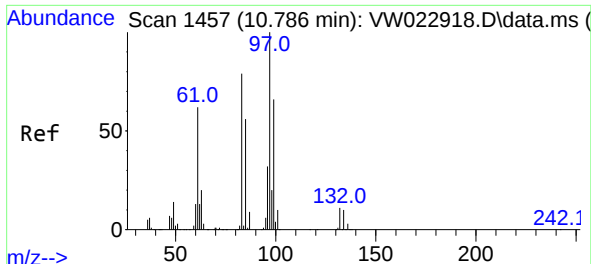
Tgt Ion: 91 Resp: 366473
Ion Ratio Lower Upper
91 100
92 56.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 20.851 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 75 Resp: 106351
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8



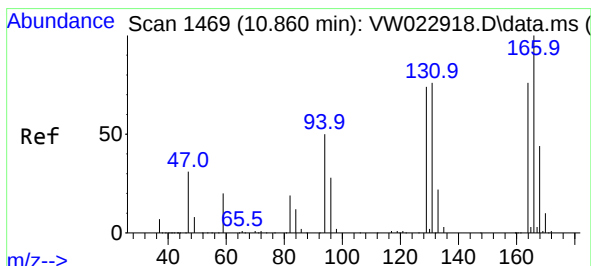
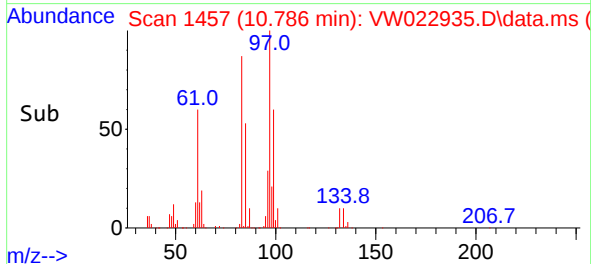
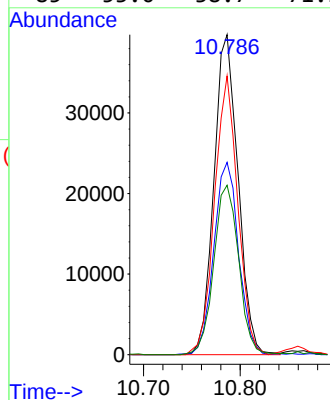
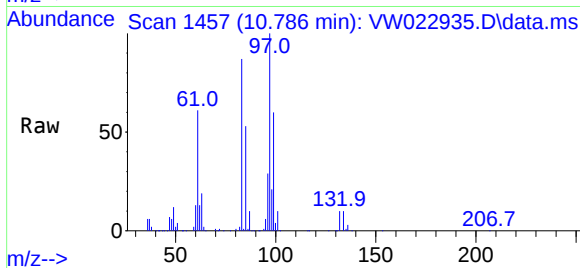


#45
1,1,2-Trichloroethane
Concen: 22.363 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

Tgt Ion: 97 Resp: 68897

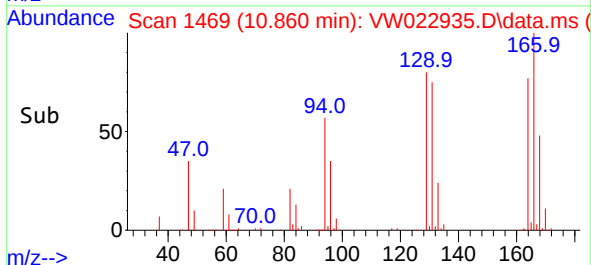
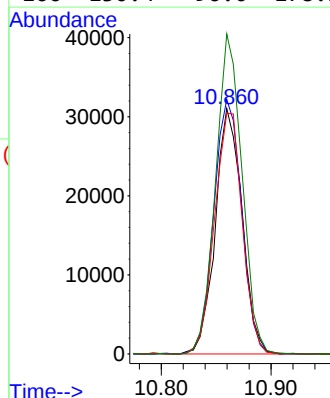
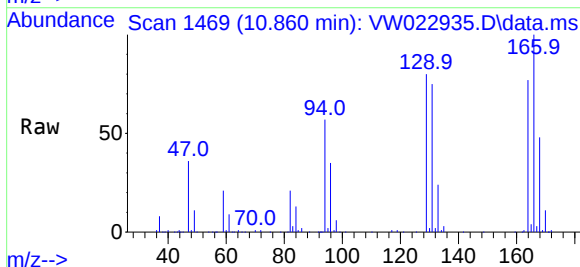
Ion	Ratio	Lower	Upper
97	100		
99	60.1	44.7	82.9
83	87.1	58.4	108.4
85	53.0	38.7	71.9

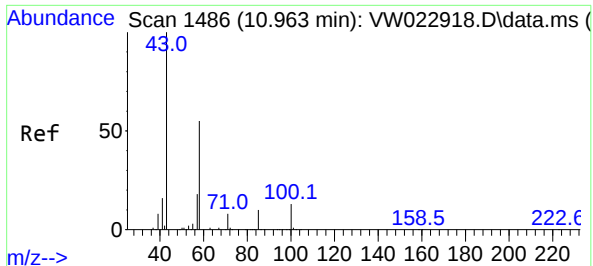


#46
Tetrachloroethene
Concen: 16.763 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 164 Resp: 52759

Ion	Ratio	Lower	Upper
164	100		
129	103.7	76.9	142.7
131	98.0	75.1	139.5
166	130.4	96.0	178.2

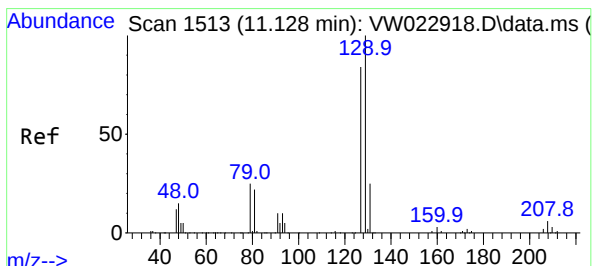
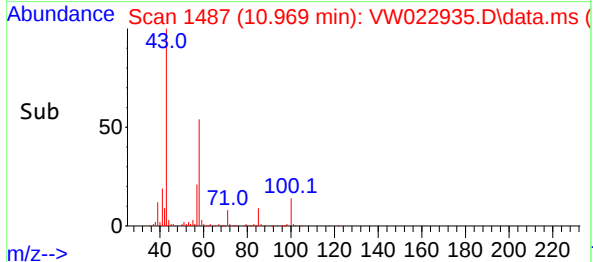
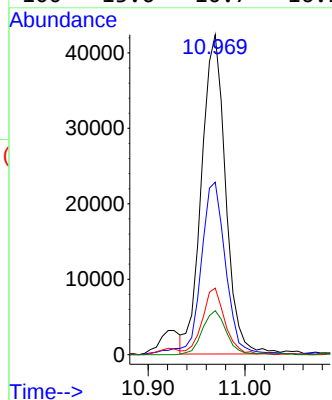
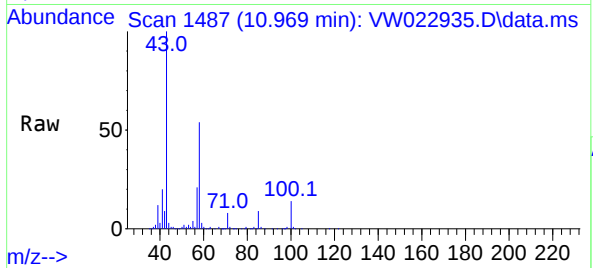




#48
2-Hexanone
Concen: 47.181 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

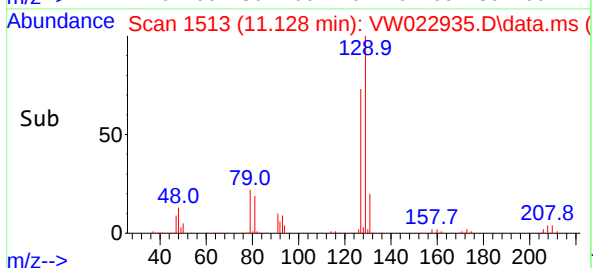
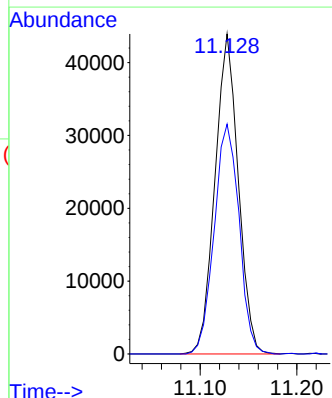
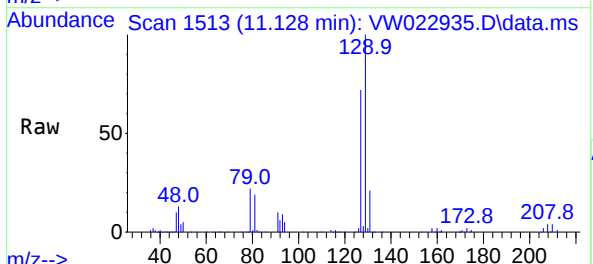
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

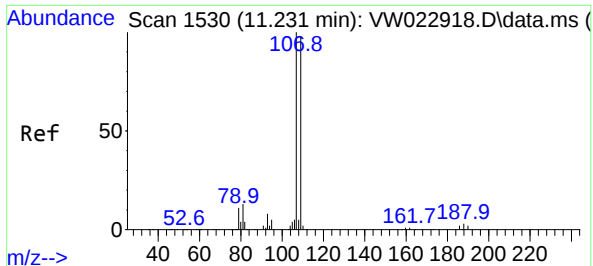
Tgt Ion:	43	Resp:	73226
Ion	Ratio	Lower	Upper
43	100		
58	56.0	45.9	68.9
57	19.8	16.2	24.2
100	13.6	10.7	16.1



#49
Dibromochloromethane
Concen: 19.794 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion:	129	Resp:	73396
Ion	Ratio	Lower	Upper
129	100		
127	71.8	53.8	100.0





#50

1,2-Dibromoethane

Concen: 20.495 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MS

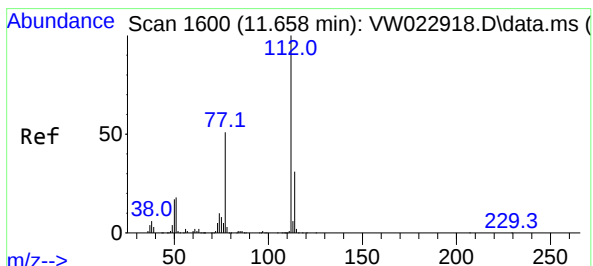
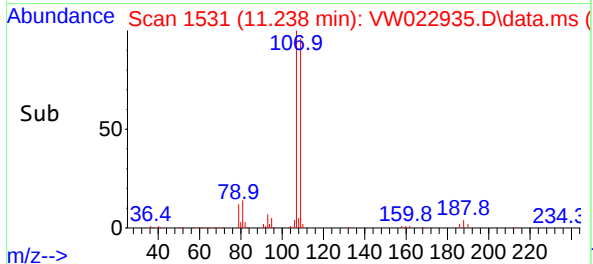
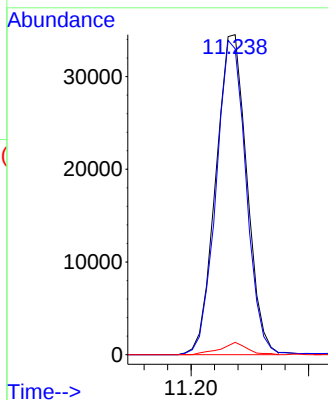
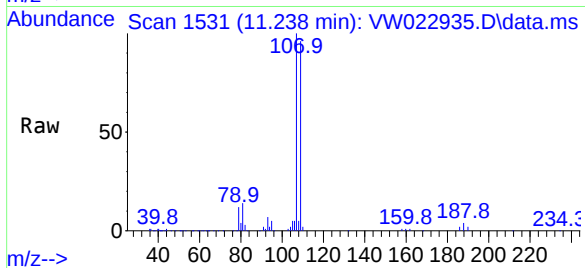
Tgt Ion:107 Resp: 63403

Ion Ratio Lower Upper

107 100

109 95.6 67.5 125.4

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 19.325 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

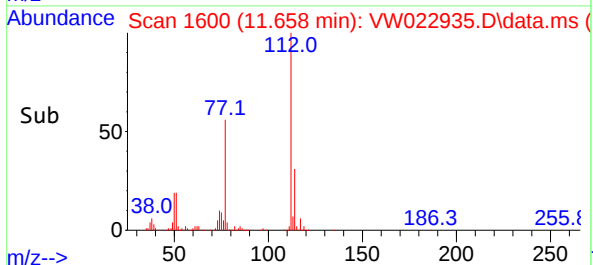
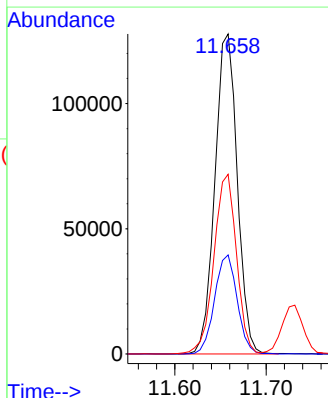
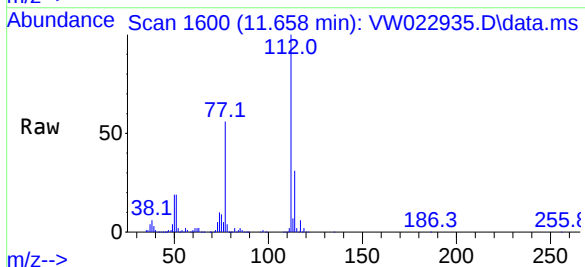
Tgt Ion:112 Resp: 217440

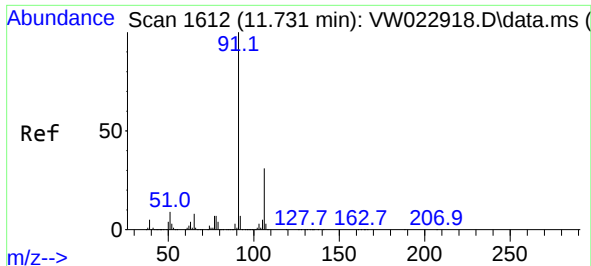
Ion Ratio Lower Upper

112 100

114 31.0 22.0 41.0

77 56.1 42.6 63.8





#52

Ethylbenzene

Concen: 18.922 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

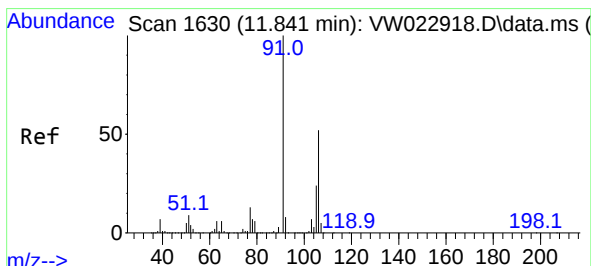
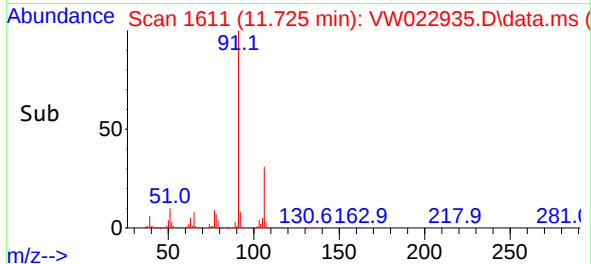
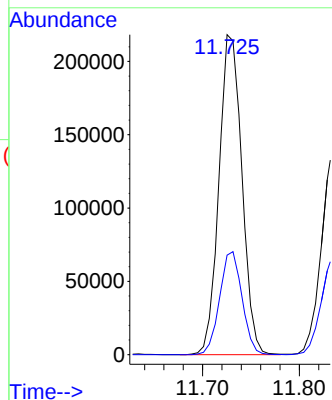
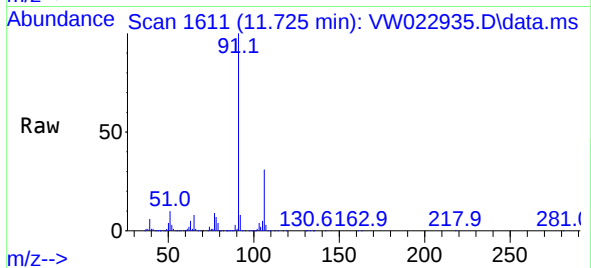
EW2X5MS

Tgt Ion: 91 Resp: 359281

Ion Ratio Lower Upper

91 100

106 31.1 22.3 41.3



#53

m,p-Xylene

Concen: 18.073 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW022935.D

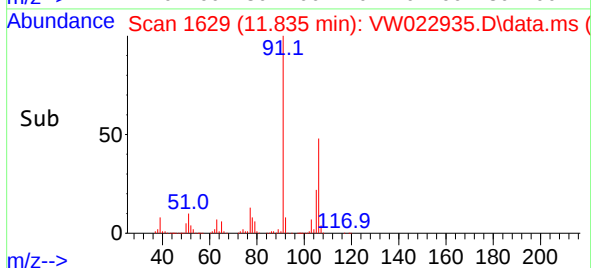
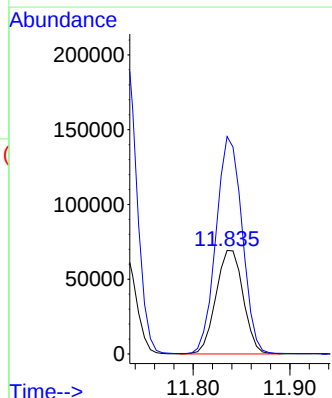
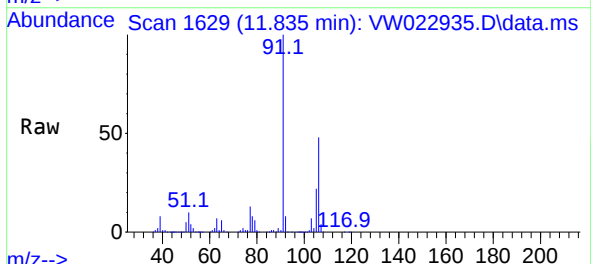
Acq: 09 May 2022 17:16

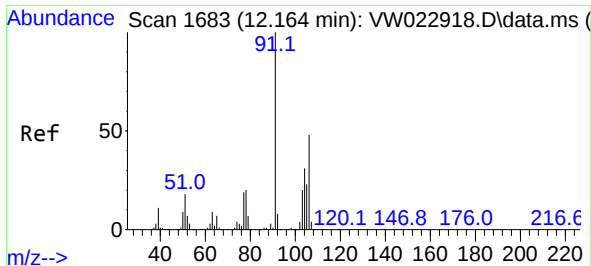
Tgt Ion: 106 Resp: 135208

Ion Ratio Lower Upper

106 100

91 210.1 136.8 254.0

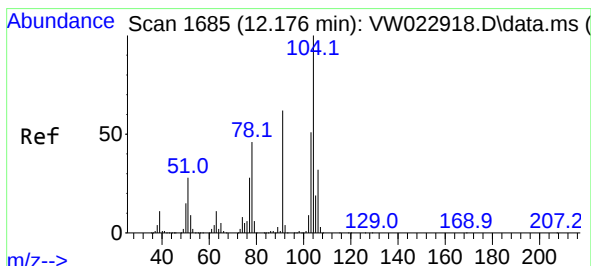
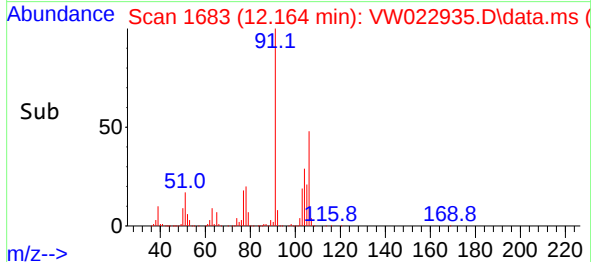
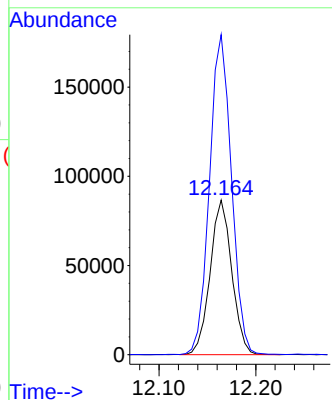
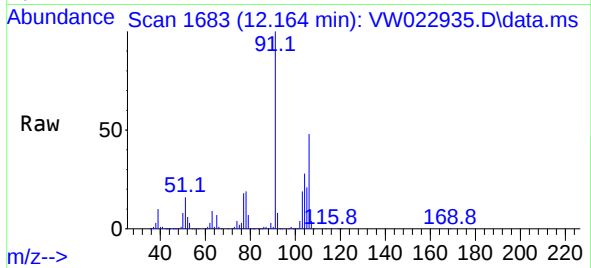




#54
o-Xylene
Concen: 18.803 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

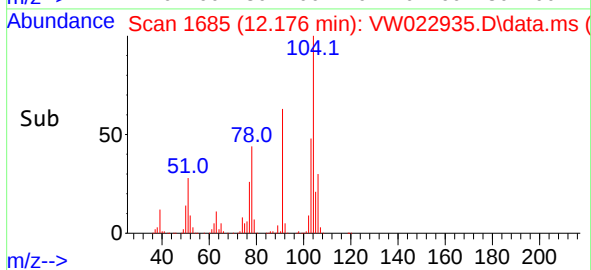
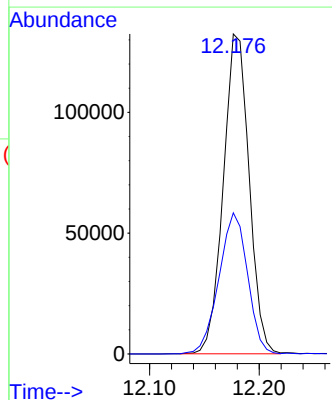
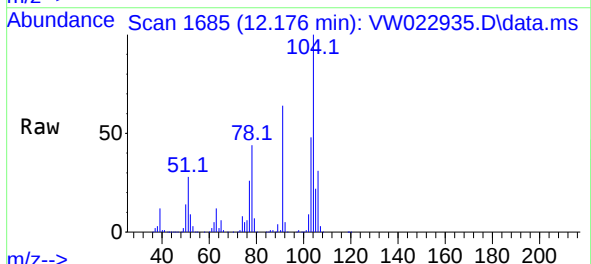
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

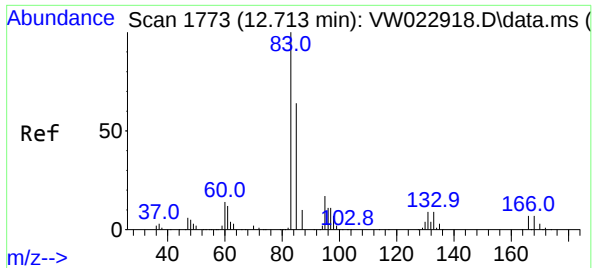
Tgt Ion:106 Resp: 134992
Ion Ratio Lower Upper
106 100
91 207.1 147.2 273.4



#55
Styrene
Concen: 17.740 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion:104 Resp: 216414
Ion Ratio Lower Upper
104 100
78 44.1 32.3 59.9

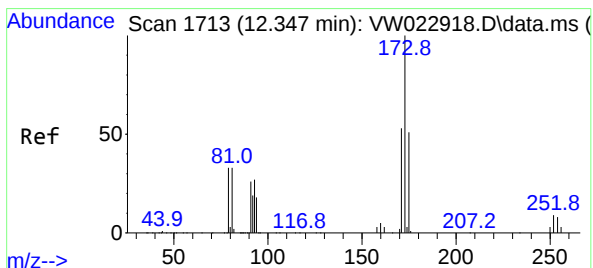
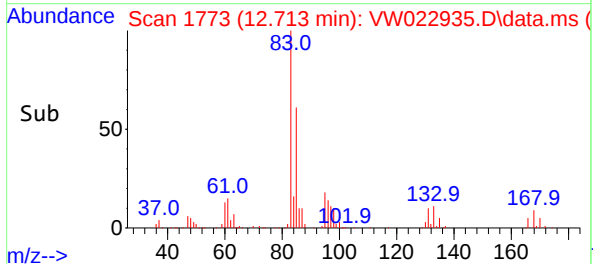
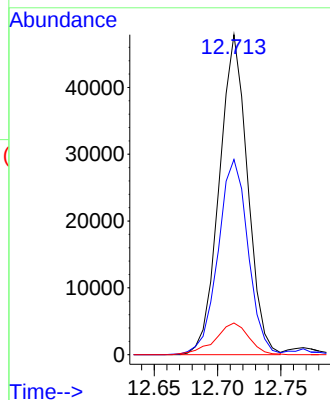
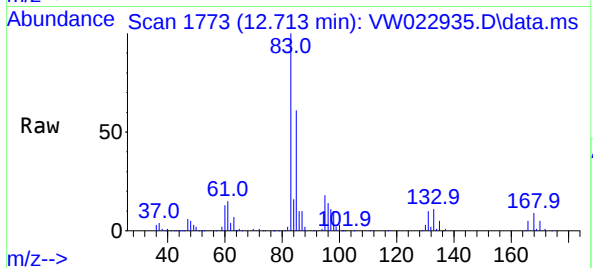




#57
1,1,2,2-Tetrachloroethane
Concen: 19.320 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

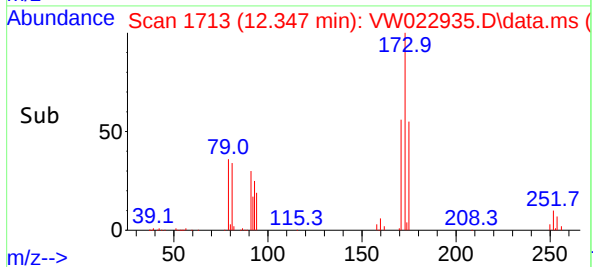
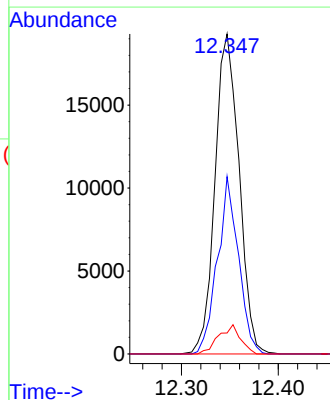
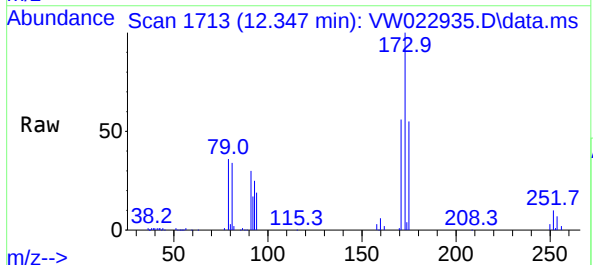
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

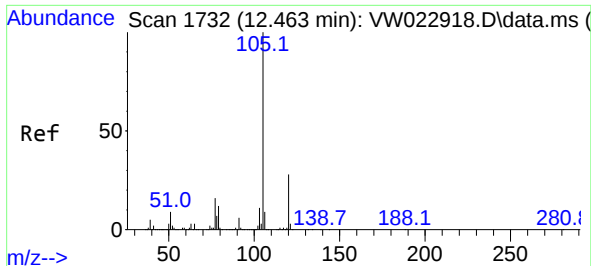
Tgt Ion: 83 Resp: 74344
Ion Ratio Lower Upper
83 100
85 61.0 47.5 88.1
131 9.9 8.7 13.1



#59
Bromoform
Concen: 26.177 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 173 Resp: 33326
Ion Ratio Lower Upper
173 100
175 48.5 38.1 57.1
254 8.3 6.5 9.7

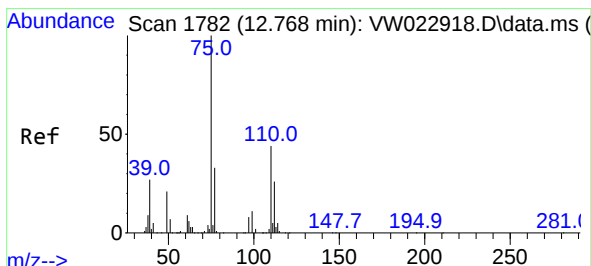
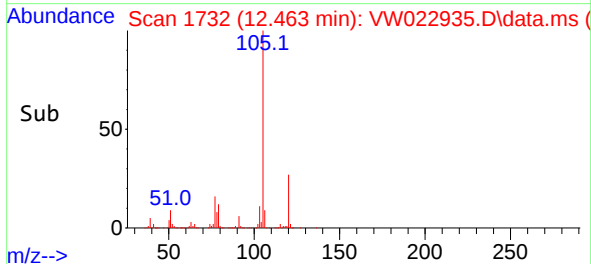
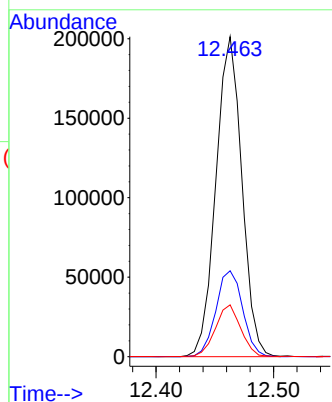
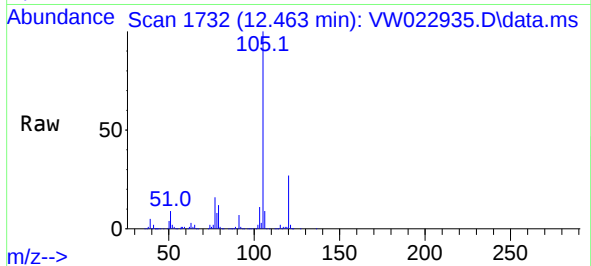




#60
Isopropylbenzene
Concen: 25.082 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

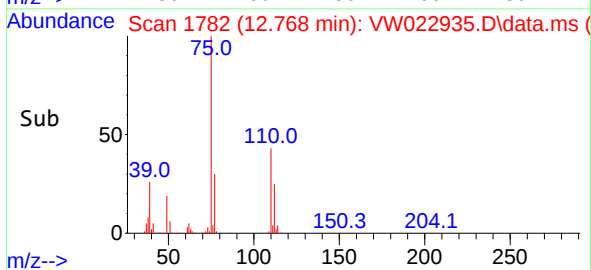
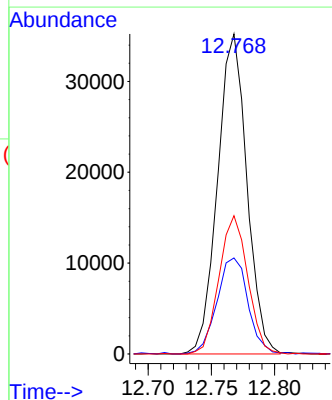
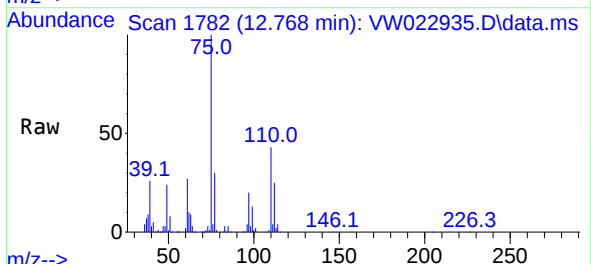
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

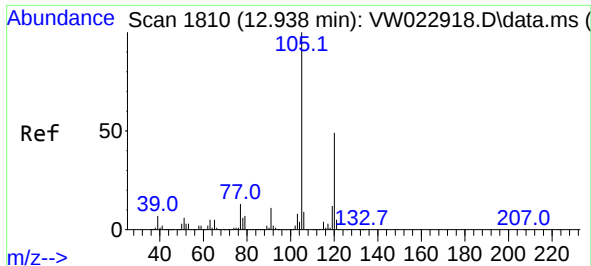
Tgt Ion:105 Resp: 308682
Ion Ratio Lower Upper
105 100
120 27.7 21.3 31.9
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 31.563 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion: 75 Resp: 56655
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 42.4 34.1 51.1

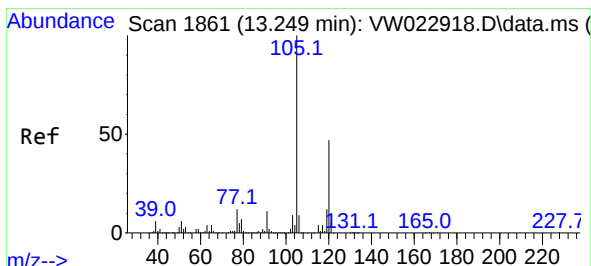
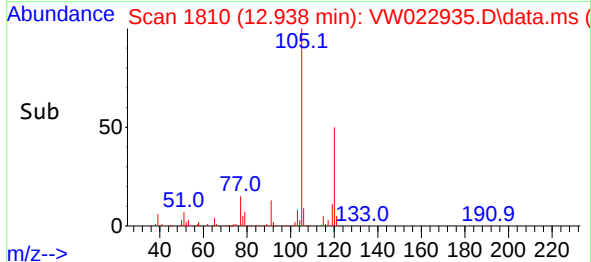
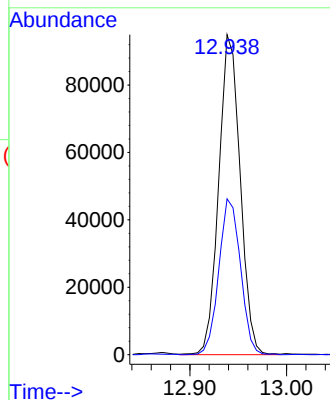
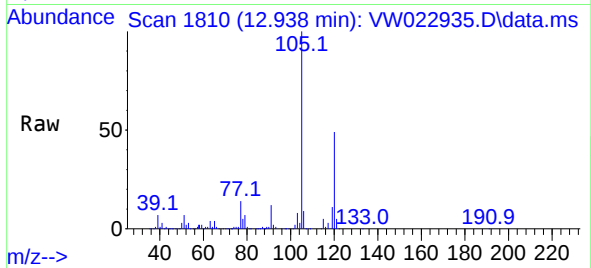




#62
1,3,5-Trimethylbenzene
Concen: 21.303 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

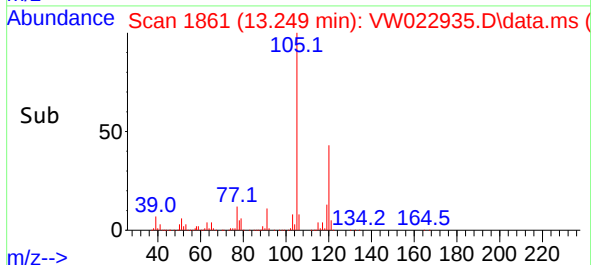
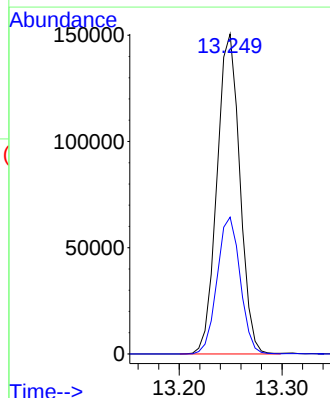
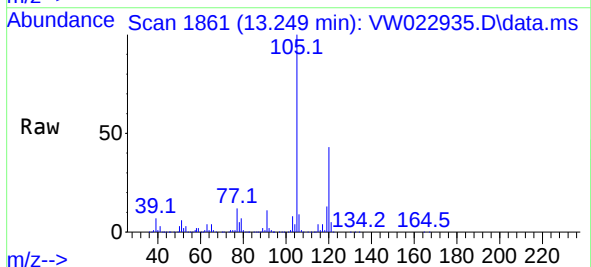
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

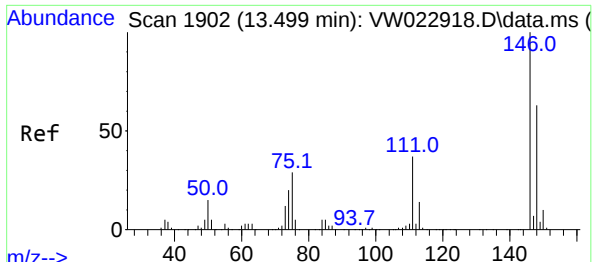
Tgt Ion:105 Resp: 145860
Ion Ratio Lower Upper
105 100
120 49.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 22.595 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion:105 Resp: 232287
Ion Ratio Lower Upper
105 100
120 43.2 37.4 56.2

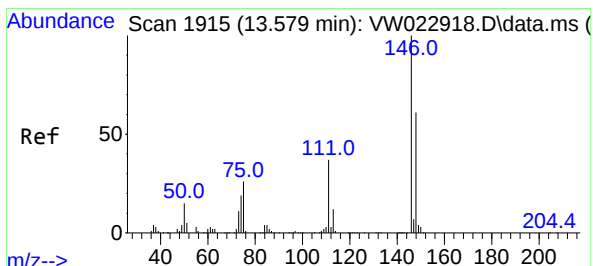
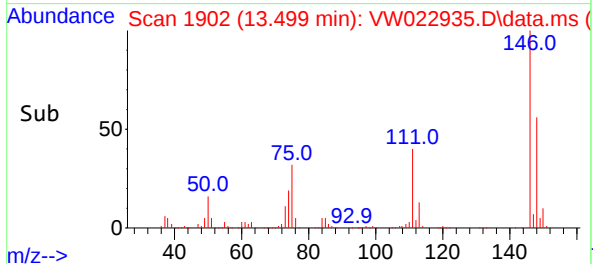
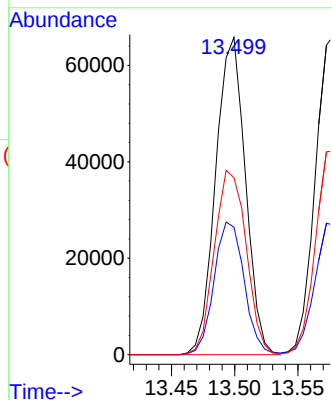
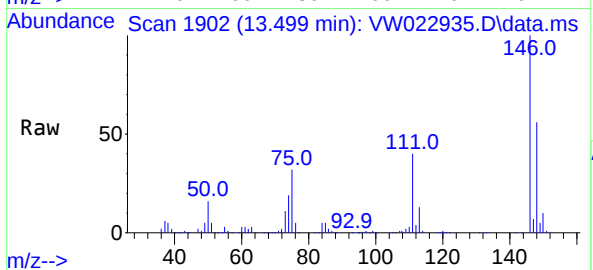




#64
1,3-Dichlorobenzene
Concen: 19.585 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

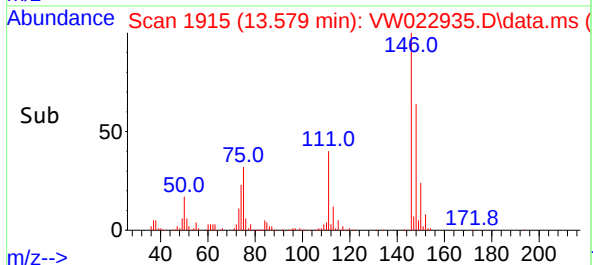
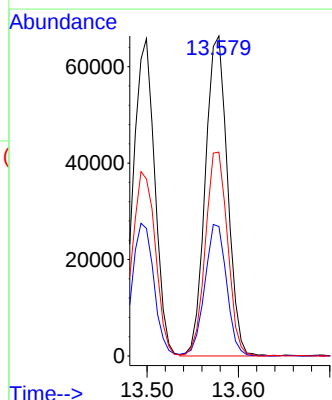
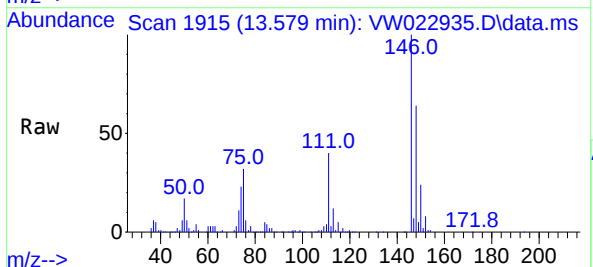
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

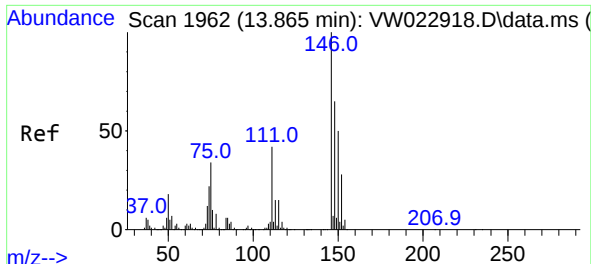
Tgt Ion:146 Resp: 107613
Ion Ratio Lower Upper
146 100
111 40.2 29.5 54.9
148 55.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 19.685 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion:146 Resp: 111720
Ion Ratio Lower Upper
146 100
111 40.4 27.2 50.4
148 63.7 44.0 81.6

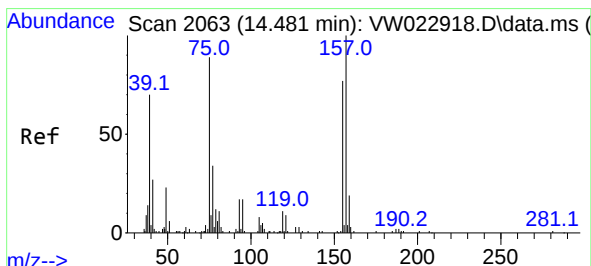
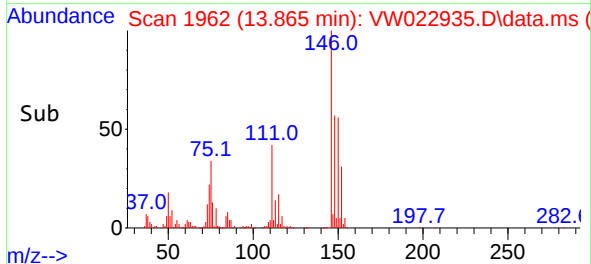
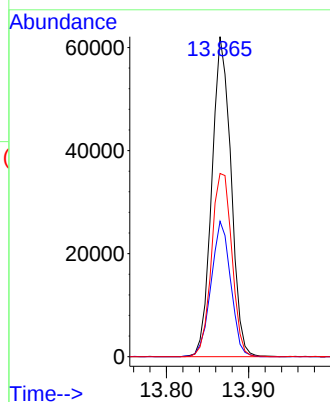
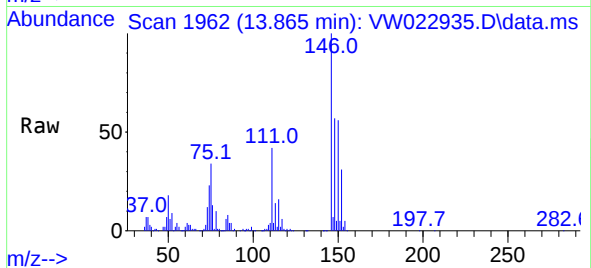




#67
1,2-Dichlorobenzene
Concen: 19.998 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

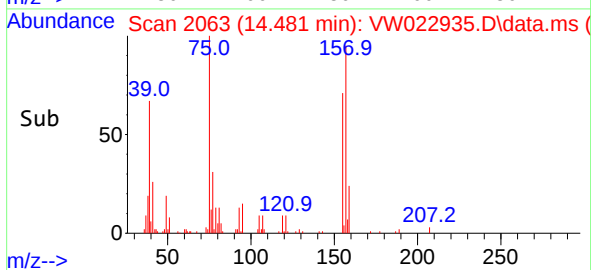
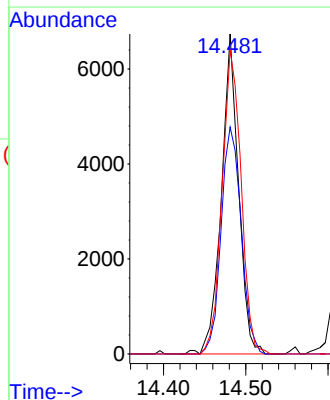
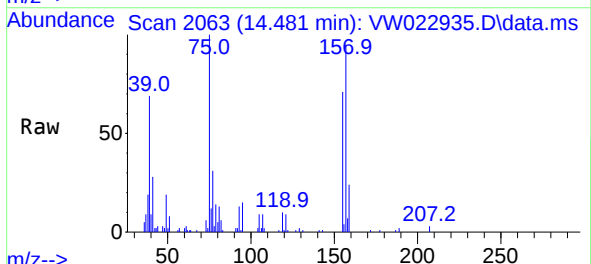
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

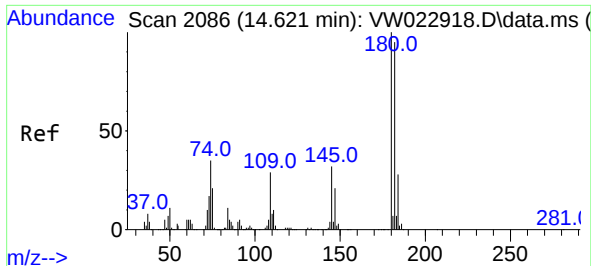
Tgt Ion:	146	Resp:	100550
Ion	Ratio	Lower	Upper
146	100		
111	42.3	35.7	53.5
148	57.2	52.6	79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 24.913 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion:	75	Resp:	9773
Ion	Ratio	Lower	Upper
75	100		
155	70.9	59.3	88.9
157	95.1	89.8	134.8





#69

1,3,5-Trichlorobenzene

Concen: 11.558 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MS

Tgt Ion:180 Resp: 42155

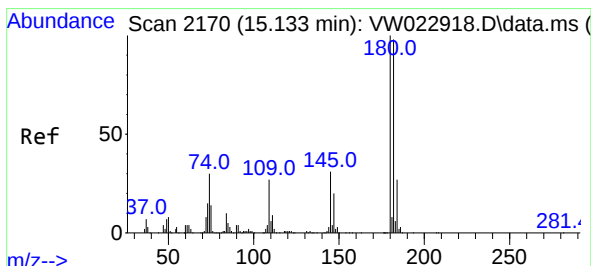
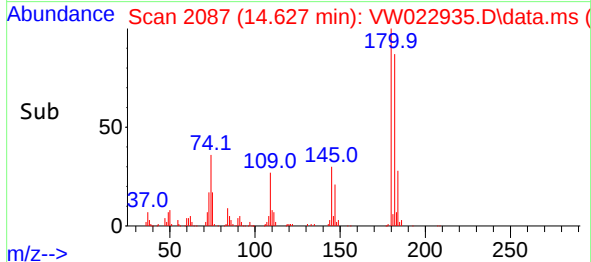
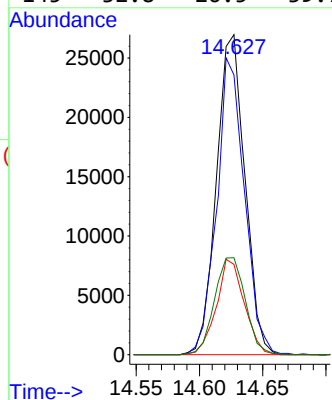
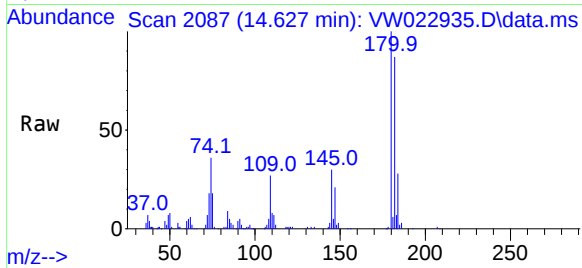
Ion Ratio Lower Upper

180 100

182 90.4 74.8 112.2

184 29.2 23.4 35.2

145 32.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 10.445 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW022935.D

Acq: 09 May 2022 17:16

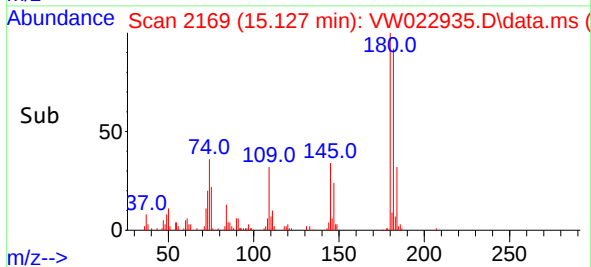
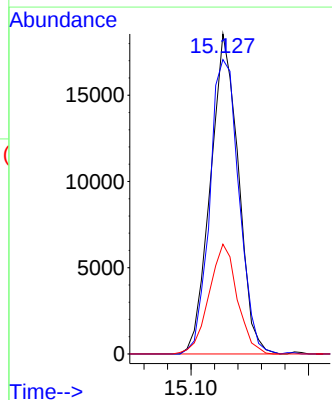
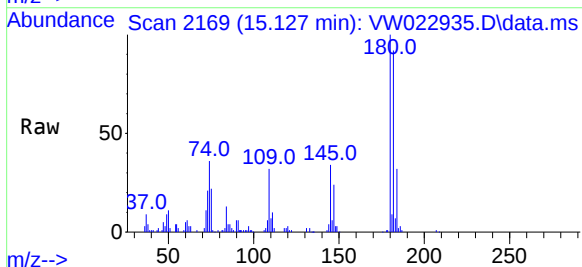
Tgt Ion:180 Resp: 30644

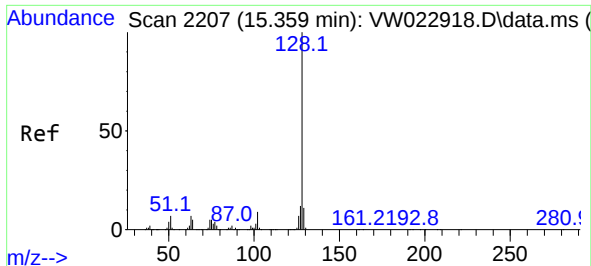
Ion Ratio Lower Upper

180 100

182 96.1 74.9 112.3

145 34.7 26.6 39.8

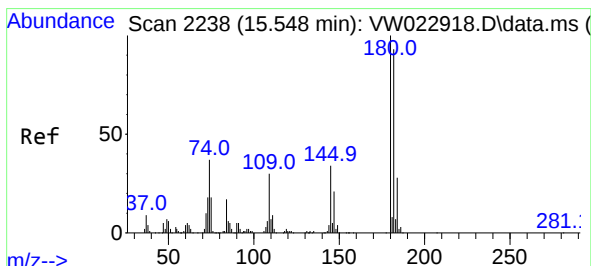
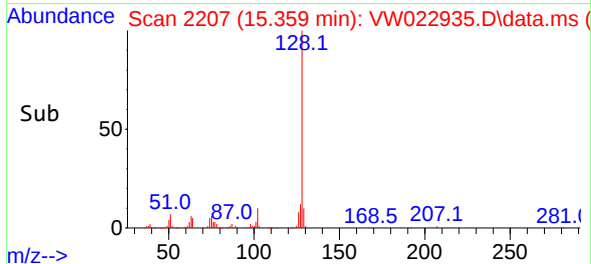
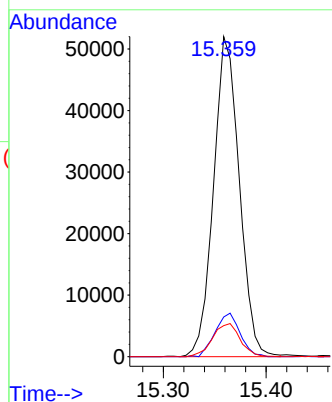
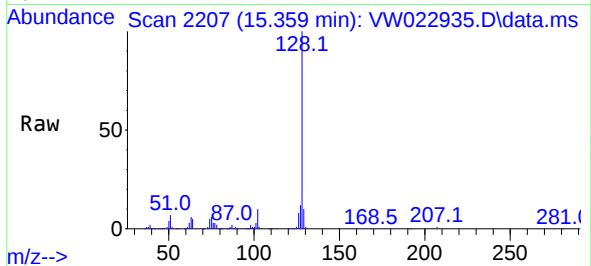




#71
Naphthalene
Concen: 14.174 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MS

Tgt Ion:	128	Resp:	90385
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.1	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 9.831 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022935.D
Acq: 09 May 2022 17:16

Tgt Ion:	180	Resp:	25563
Ion	Ratio	Lower	Upper
180	100		
182	92.7	73.5	110.3
145	33.4	27.9	41.9

