

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026090.D
 Acq On : 30 May 2023 15:41
 Operator : SY/MD
 Sample : 02950-14REMSd
 Misc : 4.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW990MSD

Quant Time: May 31 02:11:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:56:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	865210	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	593343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	162842	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	334541	27.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.960%
7) Chloroethane-d5	2.893	69	225028	24.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	4.021	65	144108	24.011	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.040%
21) 2-Butanone-d5	7.075	46	205952	58.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.240%
24) Chloroform-d	7.648	84	596916	23.559	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	8.301	65	330139	23.829	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%
32) Benzene-d6	8.270	84	1195145	29.935	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.720%
36) 1,2-Dichloropropane-d6	9.270	67	393647	31.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.480%#
41) Toluene-d8	10.319	98	944349	26.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.680%
43) trans-1,3-Dichloroprop...	10.575	79	114209	22.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.160%
47) 2-Hexanone-d5	10.922	63	133089	66.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	270655	29.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	170972	27.431	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	216258	20.389	ug/L #	86
3) Chloromethane	2.229	50	350398	25.765	ug/L	96
5) Vinyl chloride	2.375	62	364394	25.067	ug/L	98
6) Bromomethane	2.789	94	172906	21.818	ug/L	99
8) Chloroethane	2.930	64	172640	21.977	ug/L	96
9) Trichlorofluoromethane	3.265	101	219624	23.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	268419	22.746	ug/L	98
12) 1,1-Dichloroethene	4.045	96	245079	22.248	ug/L	94
13) Acetone	4.118	43	235115	85.748	ug/L	100
14) Carbon disulfide	4.387	76	897487	23.079	ug/L	99
15) Methyl Acetate	4.673	43	159194	25.869	ug/L	98
16) Methylene chloride	4.923	84	328503	23.788	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	259626	21.006	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	480572	24.671	ug/L	99
19) 1,1-Dichloroethane	6.216	63	550948	21.896	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	279225	21.328	ug/L	96
22) 2-Butanone	7.173	43	239423	61.213	ug/L	99
23) Bromochloromethane	7.514	128	117611	21.065	ug/L	85
25) Chloroform	7.673	83	498307	21.262	ug/L	100

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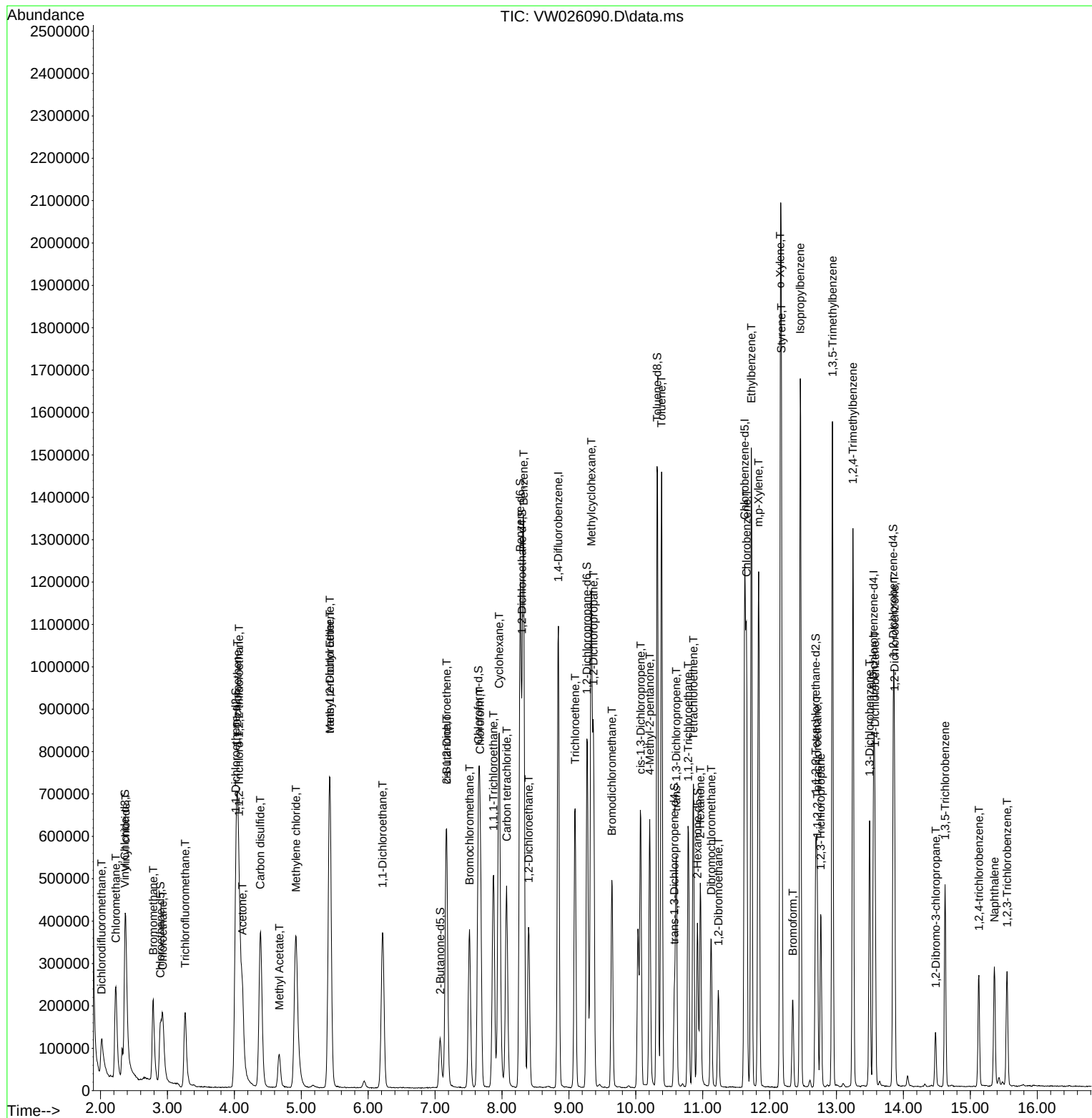
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	344467	21.311	ug/L	100
29) Cyclohexane	7.959	56	508647	27.767	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	410570	28.514	ug/L	100
31) Carbon tetrachloride	8.069	117	351710	26.767	ug/L	100
33) Benzene	8.325	78	1103175	27.141	ug/L	100
34) Trichloroethene	9.093	95	237000	22.771	ug/L	94
35) Methylcyclohexane	9.337	83	452727	24.582	ug/L	100
37) 1,2-Dichloropropane	9.368	63	307102	27.895	ug/L	100
38) Bromodichloromethane	9.642	83	328714	25.700	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	383161	23.683	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	438512	67.561	ug/L	99
42) Toluene	10.386	91	1009457	24.281	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	288961	21.439	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	190592	26.268	ug/L	98
46) Tetrachloroethene	10.861	164	153302	20.824	ug/L	97
48) 2-Hexanone	10.965	43	317462	69.368	ug/L	99
49) Dibromochloromethane	11.129	129	180610	23.742	ug/L	97
50) 1,2-Dibromoethane	11.233	107	154613	23.014	ug/L	100
51) Chlorobenzene	11.654	112	510064	19.579	ug/L	97
52) Ethylbenzene	11.727	91	1012979	21.600	ug/L	97
53) m,p-Xylene	11.837	106	369518	21.180	ug/L	93
54) o-Xylene	12.160	106	392198	23.818	ug/L	98
55) Styrene	12.178	104	516144	18.271	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	230193	26.215	ug/L	97
59) Bromoform	12.349	173	91104	37.249	ug/L	100
60) Isopropylbenzene	12.458	105	1041206	40.702	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	170423	46.722	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	799209	39.300	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	668442	35.888	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	233093	21.671	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	218277	20.157	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	236114	24.446	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	34649	41.000	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	130602	17.676	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	72901	11.957	ug/L	98
71) Naphthalene	15.360	128	238506	21.950	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	81883	15.368	ug/L	98

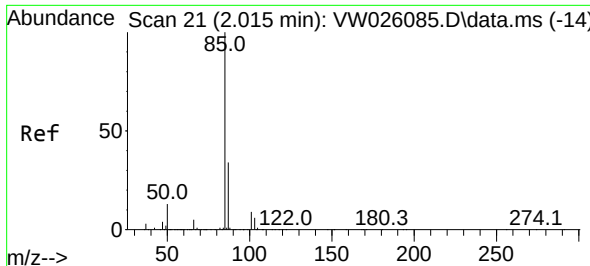
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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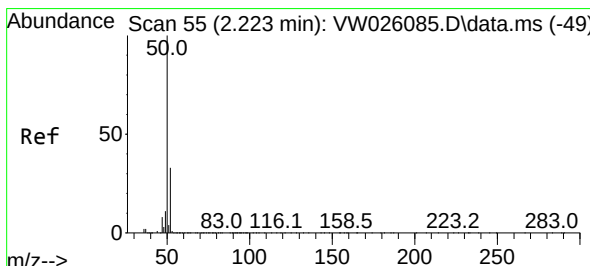
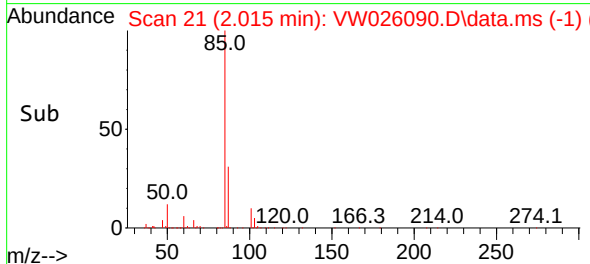
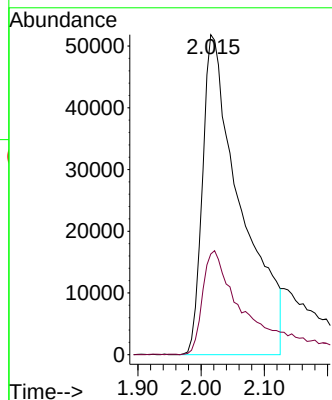
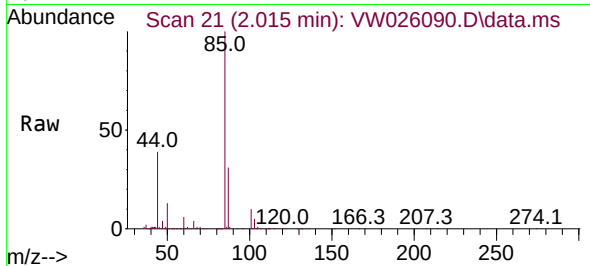




#2
 Dichlorodifluoromethane
 Concen: 20.389 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026090.D
 Acq: 30 May 2023 15:41

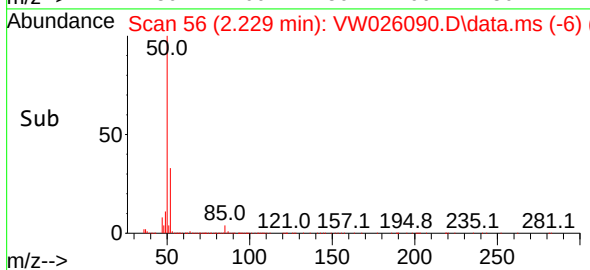
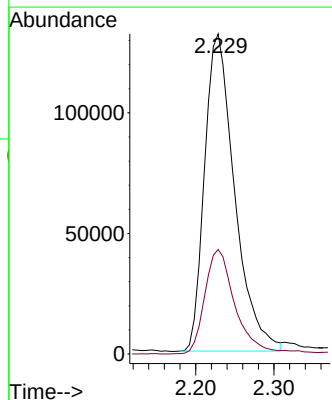
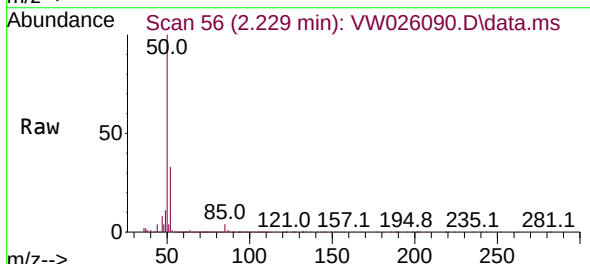
Instrument :
 MSVOA_W
 ClientSampleId :
 EW990MSD

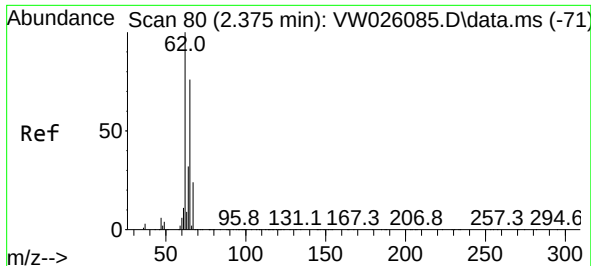
Tgt Ion: 85 Resp: 216258
 Ion Ratio Lower Upper
 85 100
 87 35.0 22.2 33.2#



#3
 Chloromethane
 Concen: 25.765 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026090.D
 Acq: 30 May 2023 15:41

Tgt Ion: 50 Resp: 350398
 Ion Ratio Lower Upper
 50 100
 52 32.7 21.3 39.6

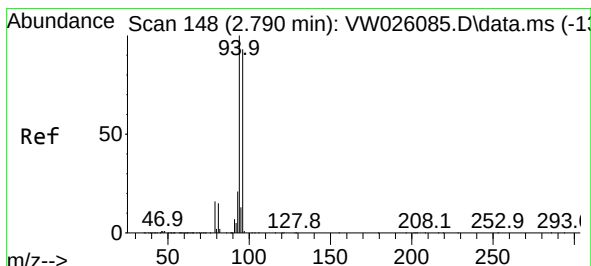
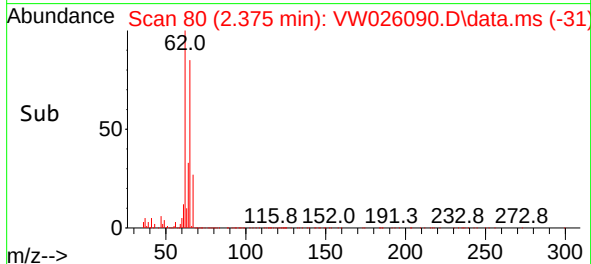
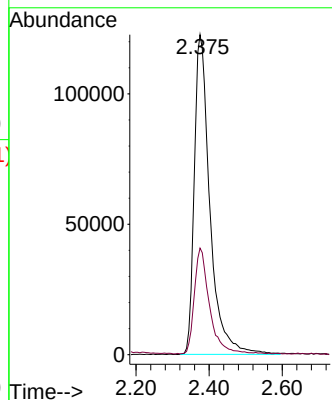
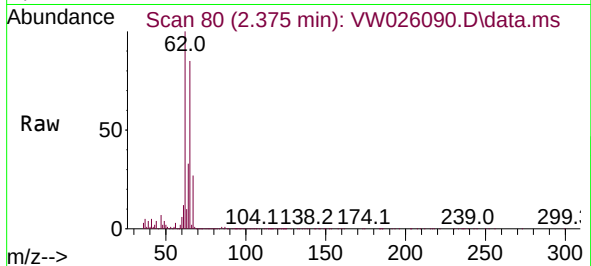




#5
 Vinyl chloride
 Concen: 25.067 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026090.D
 Acq: 30 May 2023 15:41

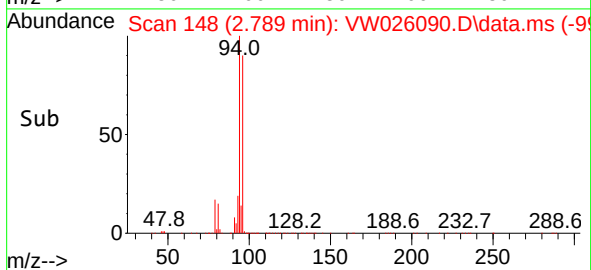
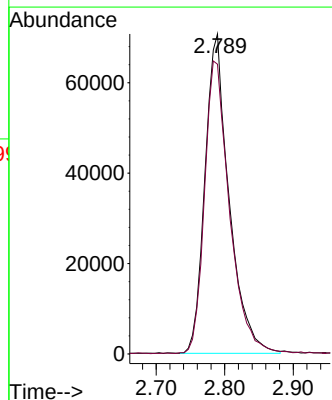
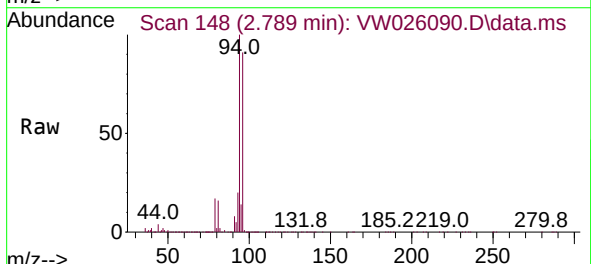
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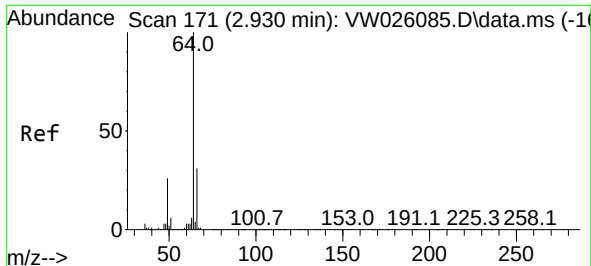
Tgt Ion: 62 Resp: 364394
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.1



#6
 Bromomethane
 Concen: 21.818 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW026090.D
 Acq: 30 May 2023 15:41

Tgt Ion: 94 Resp: 172906
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.2 119.2

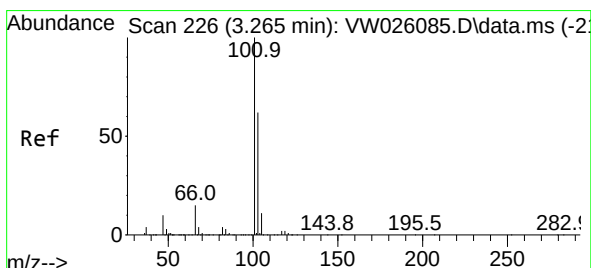
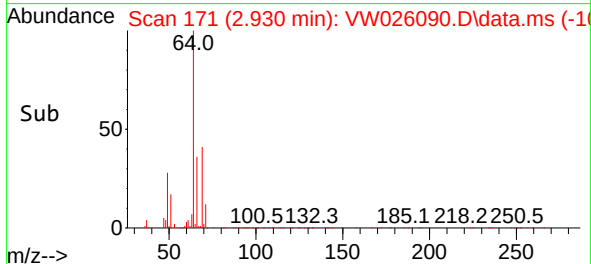
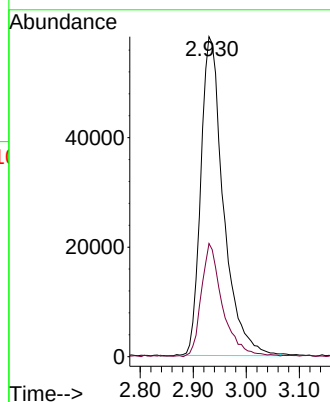
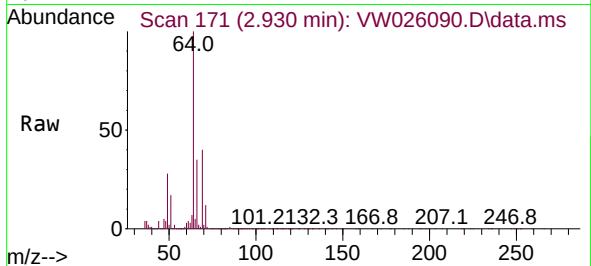




#8
Chloroethane
Concen: 21.977 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

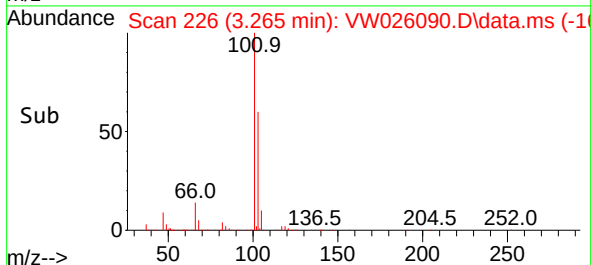
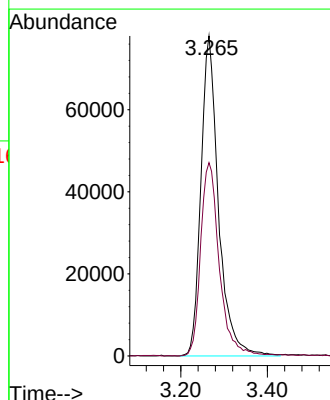
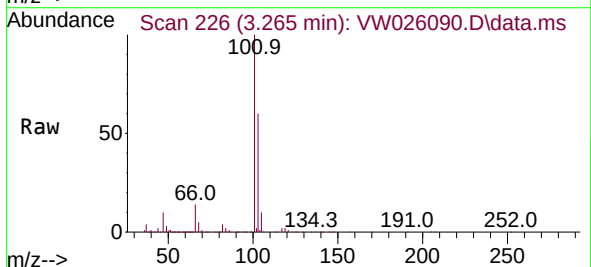
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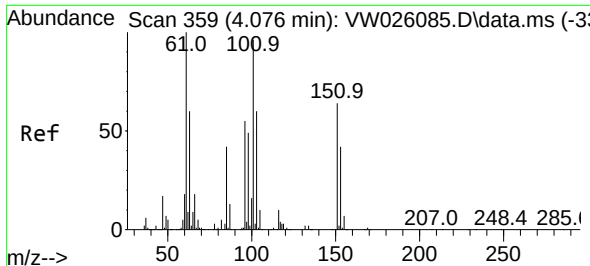
Tgt Ion: 64 Resp: 172640
Ion Ratio Lower Upper
64 100
66 35.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 23.484 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 101 Resp: 219624
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

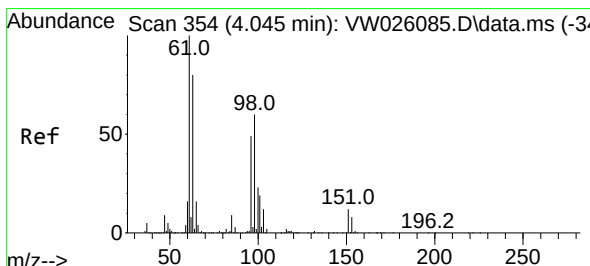
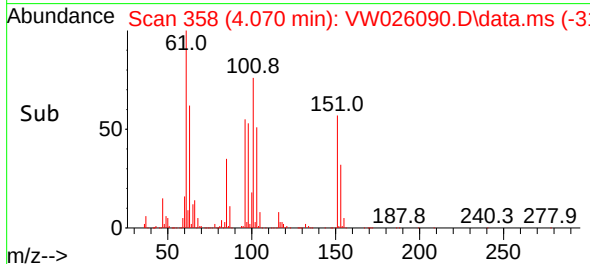
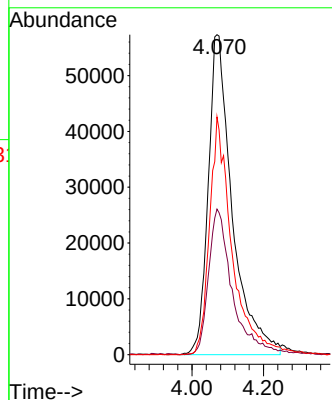
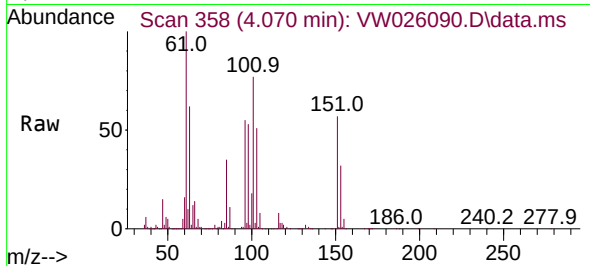




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.746 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026090.D
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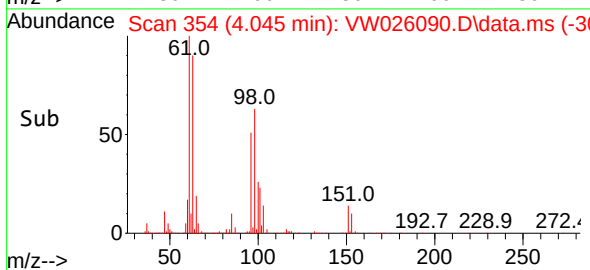
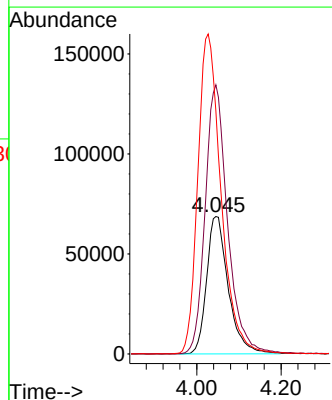
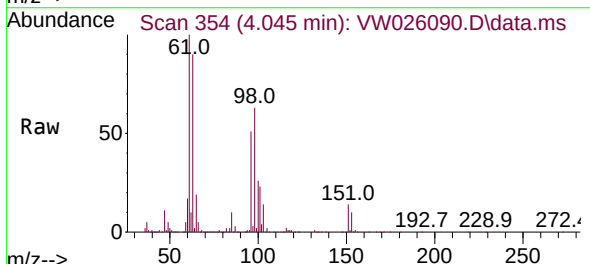
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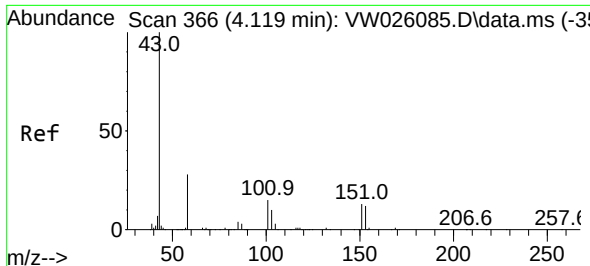
Tgt Ion:101 Resp: 268419
 Ion Ratio Lower Upper
 101 100
 85 41.3 36.1 54.1
 151 69.1 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 22.248 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026090.D
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Tgt Ion: 96 Resp: 245079
 Ion Ratio Lower Upper
 96 100
 61 195.7 140.6 261.0
 63 176.7 131.7 244.5

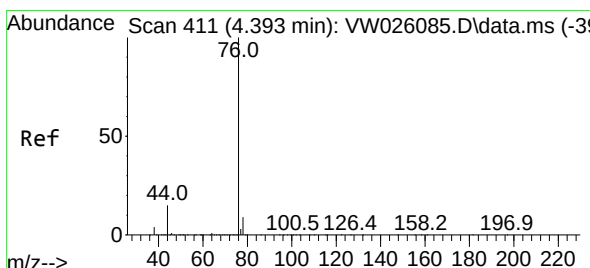
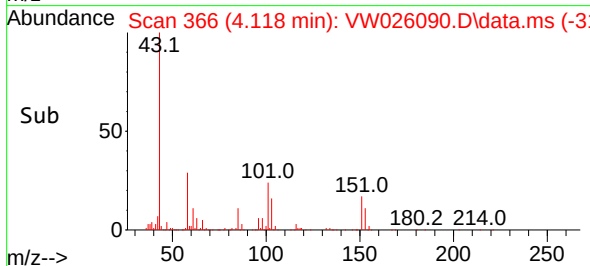
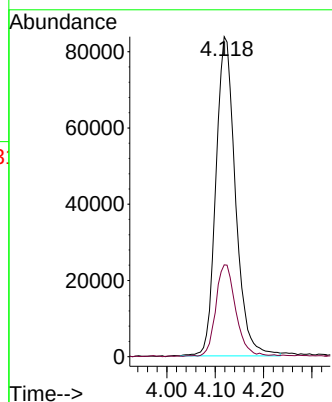
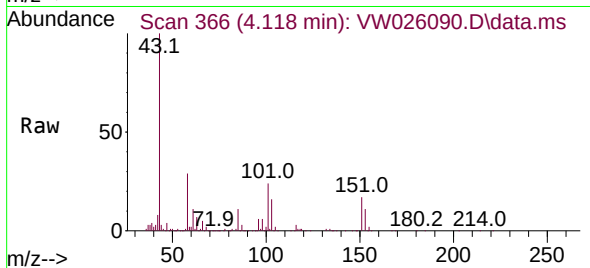




#13
Acetone
Concen: 85.748 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026090.D
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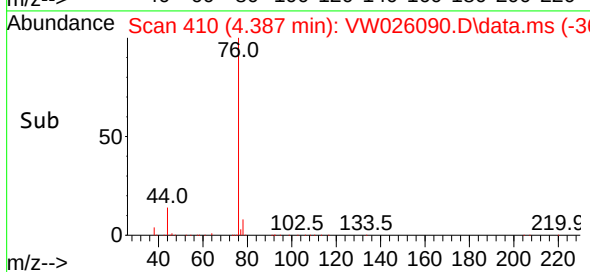
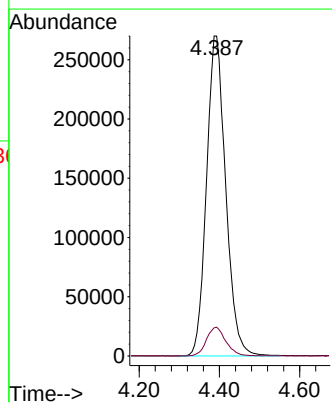
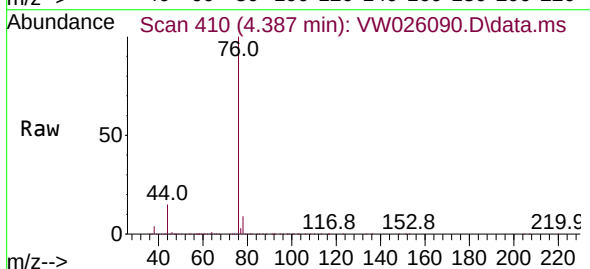
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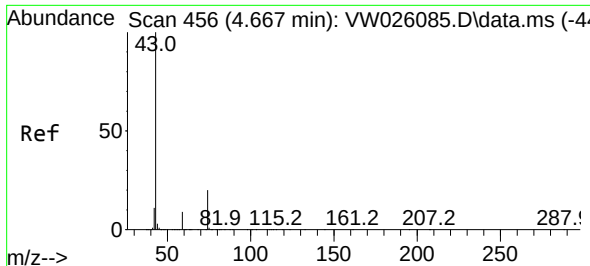
Tgt Ion: 43 Resp: 235115
Ion Ratio Lower Upper
43 100
58 28.9 0.0 58.2



#14
Carbon disulfide
Concen: 23.079 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 897487
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

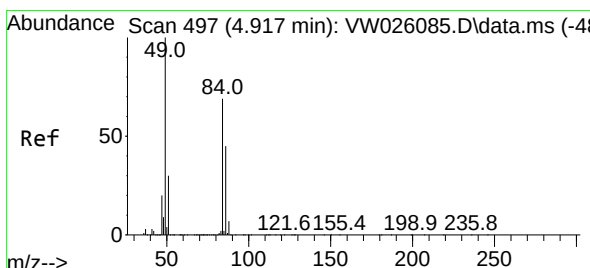
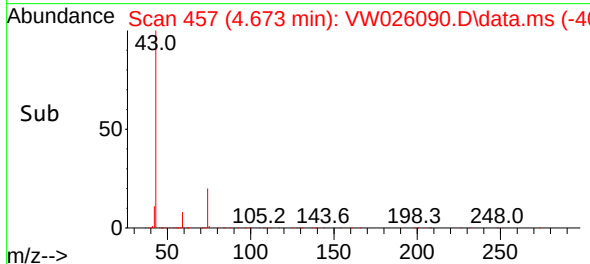
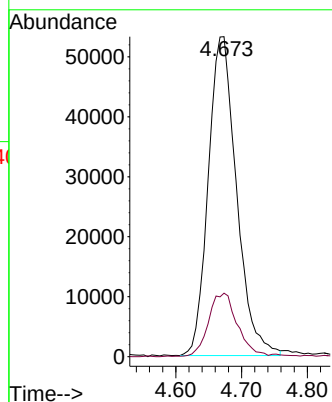
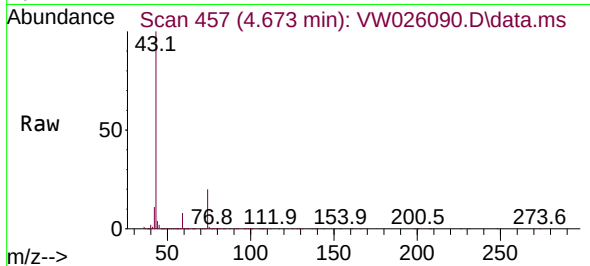




#15
Methyl Acetate
Concen: 25.869 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

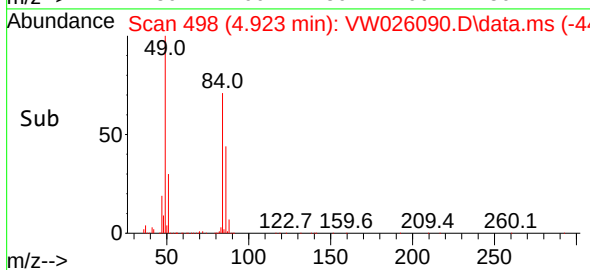
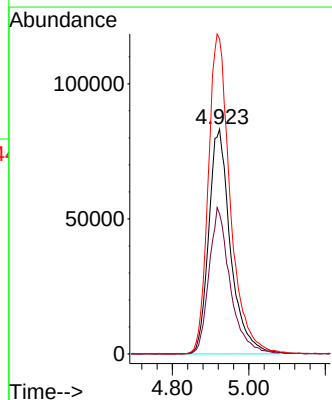
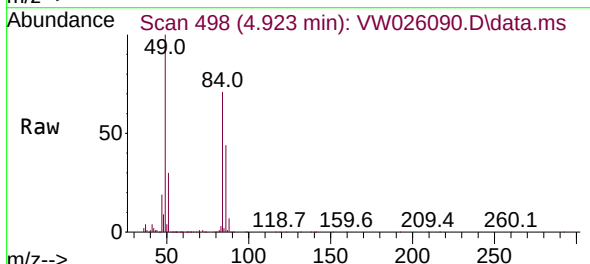
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

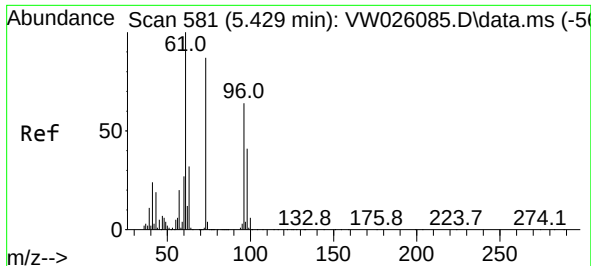
Tgt Ion: 43 Resp: 159194
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



#16
Methylene chloride
Concen: 23.788 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 84 Resp: 328503
Ion Ratio Lower Upper
84 100
86 62.3 44.2 82.0
49 140.2 98.8 183.6

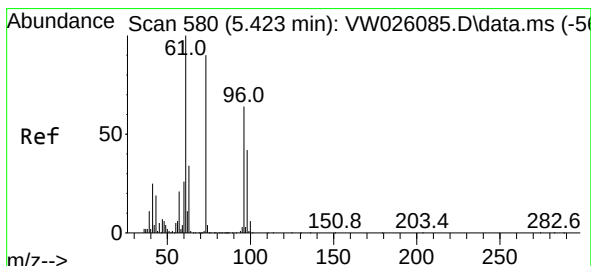
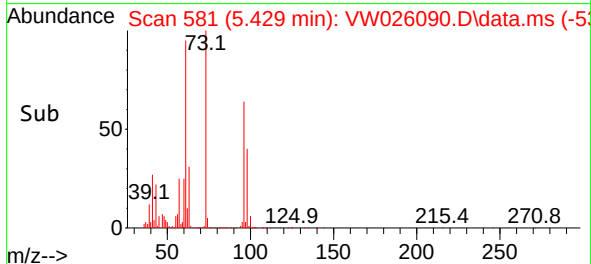
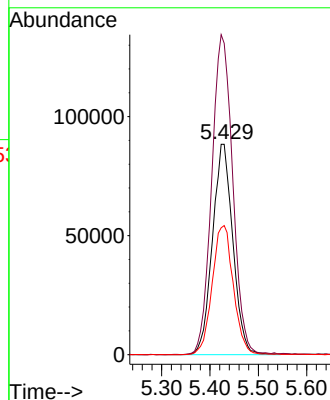
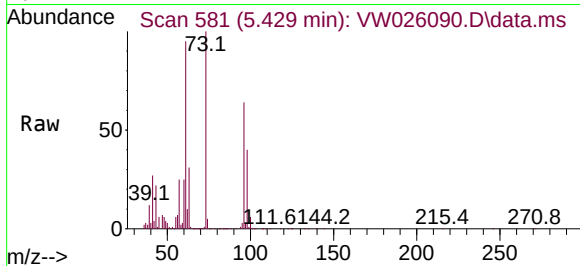




#17
trans-1,2-Dichloroethene
Concen: 21.006 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

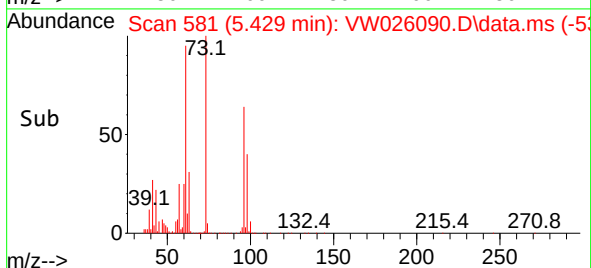
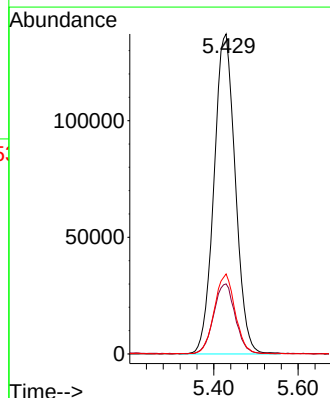
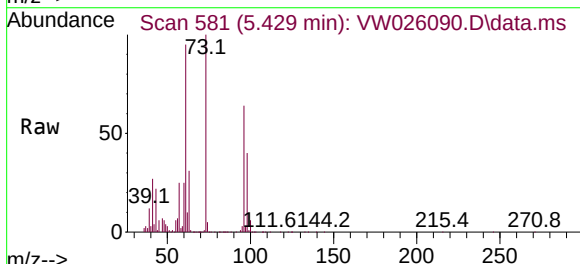
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

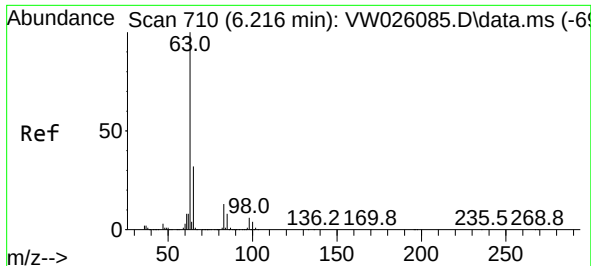
Tgt Ion: 96 Resp: 259626
Ion Ratio Lower Upper
96 100
61 148.0 113.0 209.8
98 61.3 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 24.671 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 73 Resp: 480572
Ion Ratio Lower Upper
73 100
43 22.0 17.8 26.6
57 24.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 21.896 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

EW990MSD

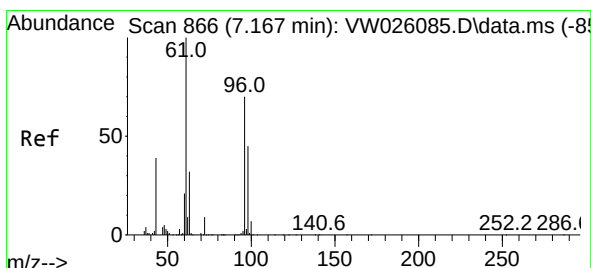
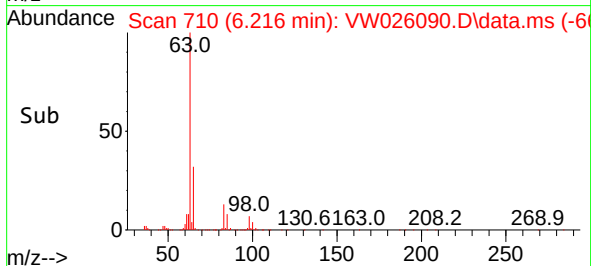
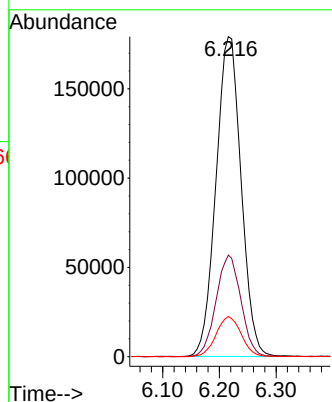
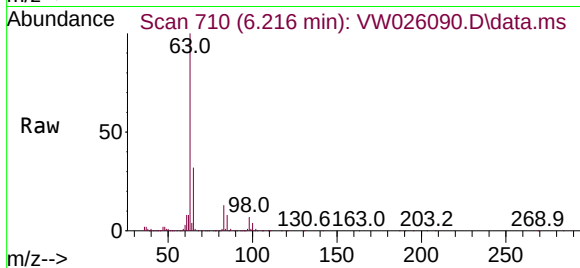
Tgt Ion: 63 Resp: 550948

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 12.6 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 21.328 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

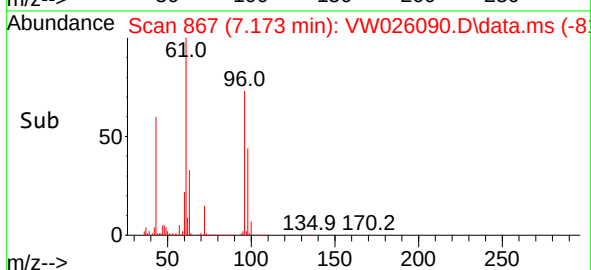
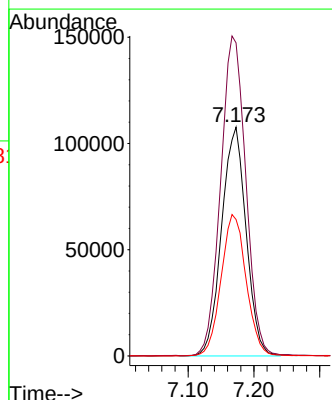
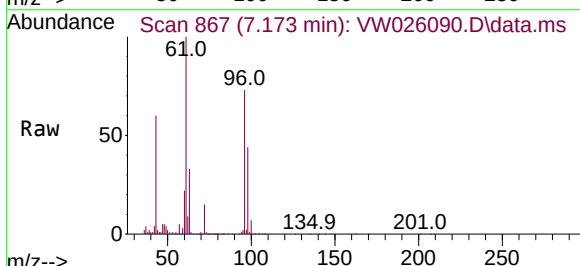
Tgt Ion: 96 Resp: 279225

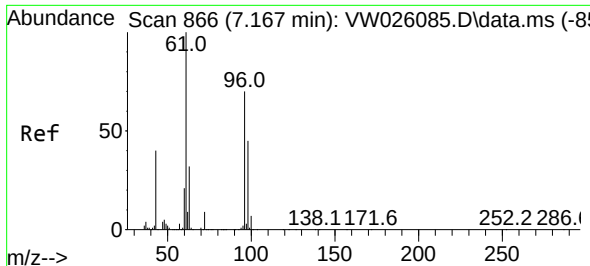
Ion Ratio Lower Upper

96 100

61 136.8 98.4 182.8

98 59.6 45.2 84.0

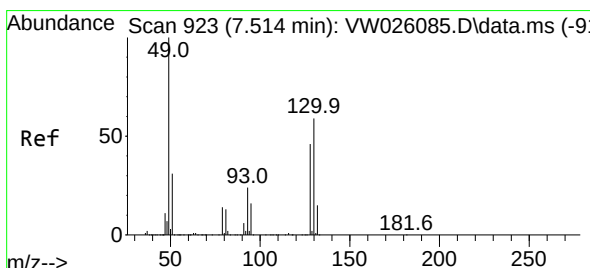
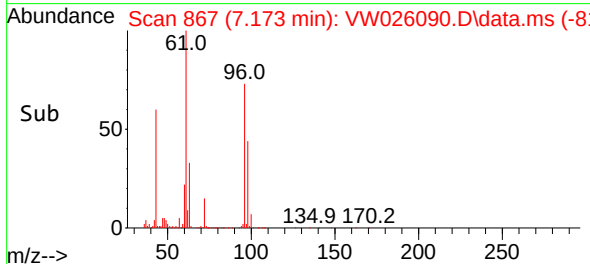
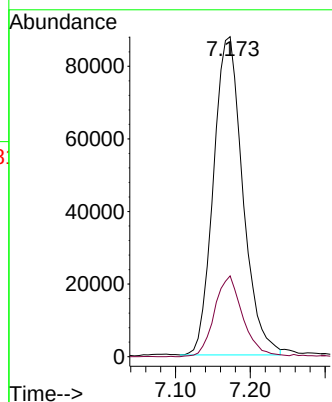
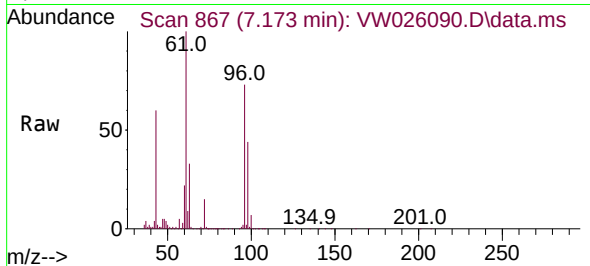




#22
2-Butanone
Concen: 61.213 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

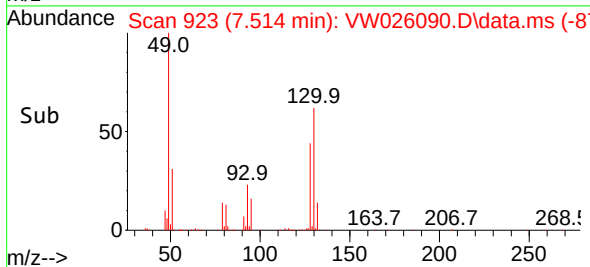
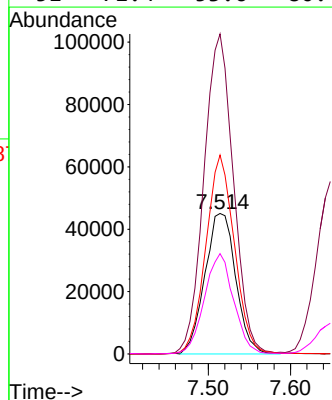
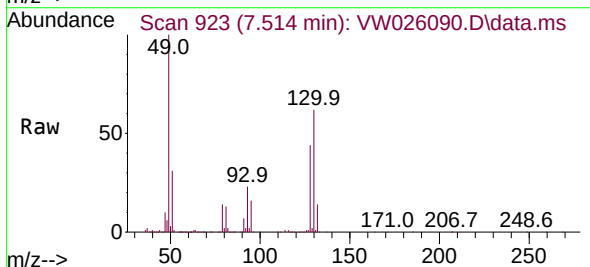
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

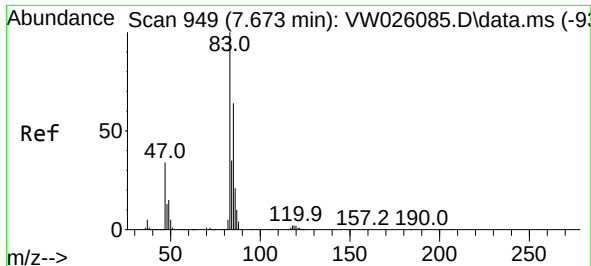
Tgt Ion: 43 Resp: 239423
Ion Ratio Lower Upper
43 100
72 24.5 12.4 37.4



#23
Bromochloromethane
Concen: 21.065 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 128 Resp: 117611
Ion Ratio Lower Upper
128 100
49 227.6 140.6 261.0
130 141.4 86.0 159.6
51 71.4 53.6 80.4





#25

Chloroform

Concen: 21.262 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

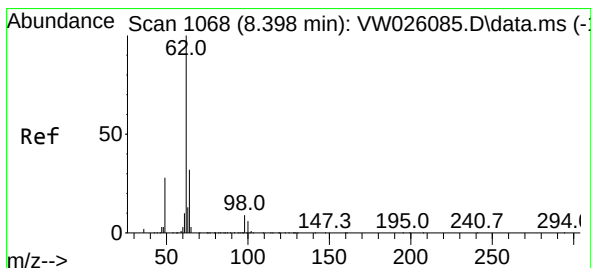
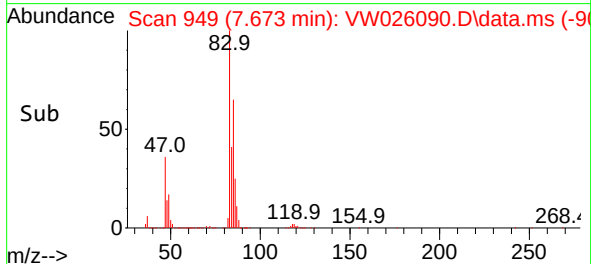
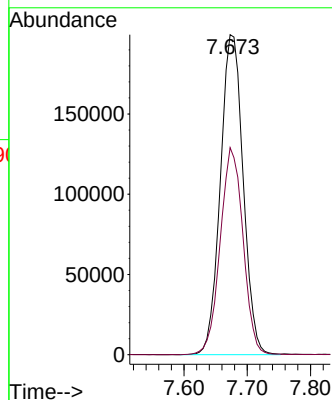
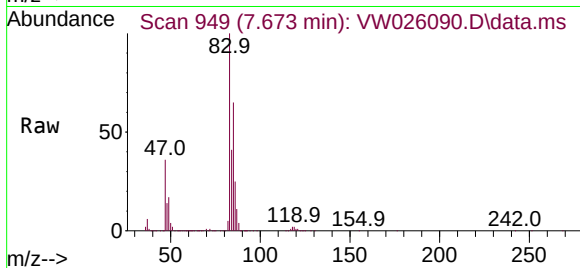
EW990MSD

Tgt Ion: 83 Resp: 498307

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 21.311 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026090.D

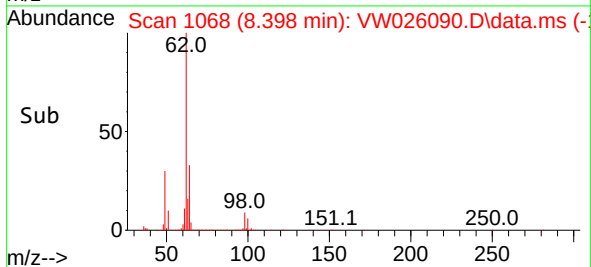
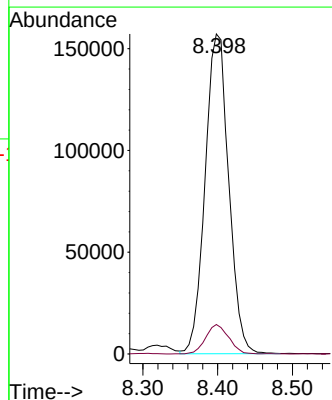
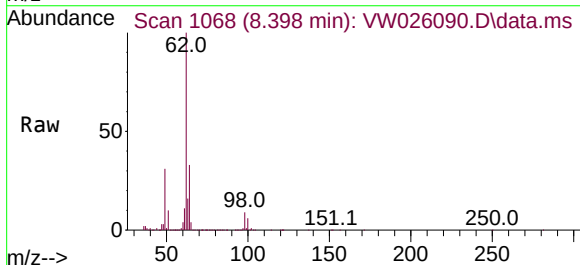
Acq: 30 May 2023 15:41

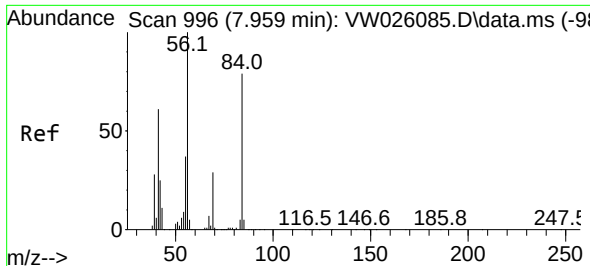
Tgt Ion: 62 Resp: 344467

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.2

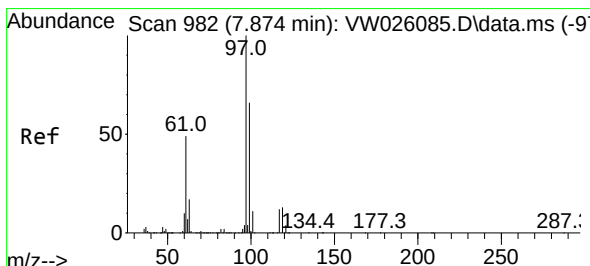
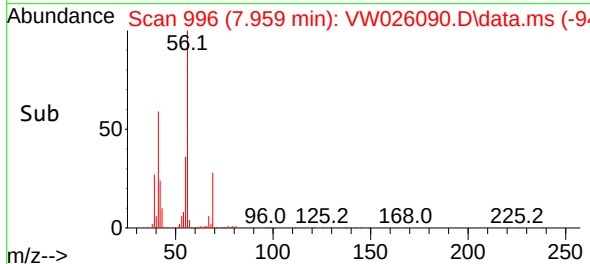
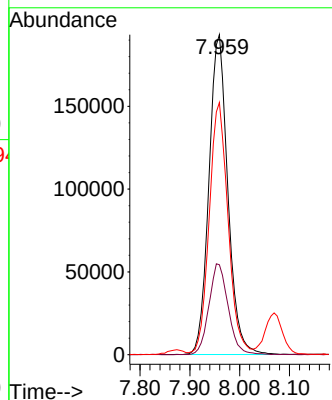
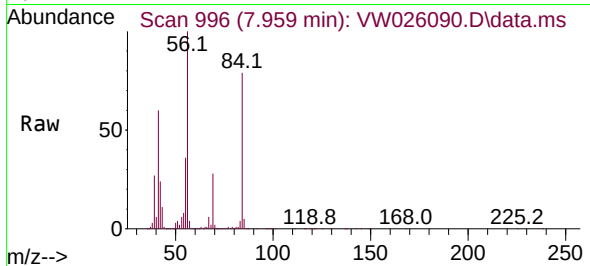




#29
Cyclohexane
Concen: 27.767 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

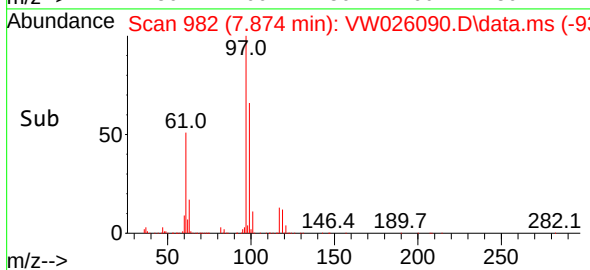
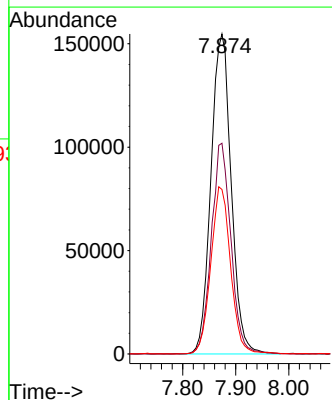
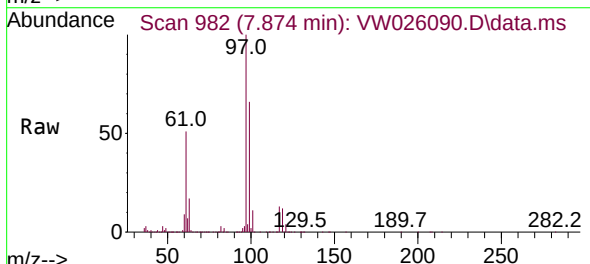
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

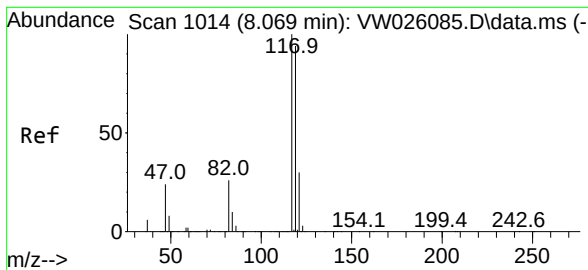
Tgt Ion: 56 Resp: 508647
Ion Ratio Lower Upper
56 100
69 28.9 23.3 34.9
84 78.7 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 28.514 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 97 Resp: 410570
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 50.8 40.5 60.7

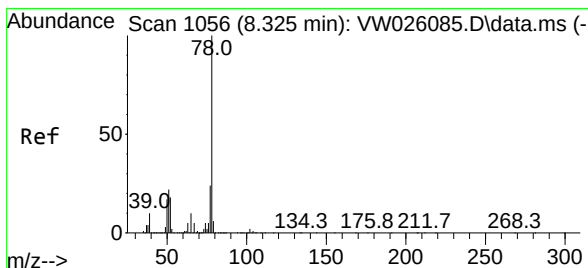
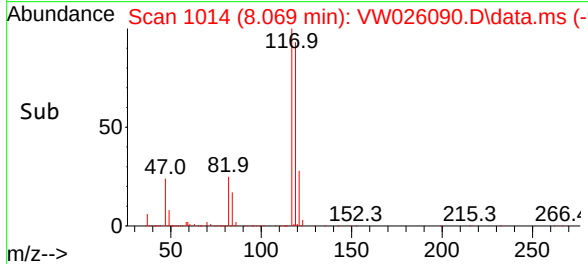
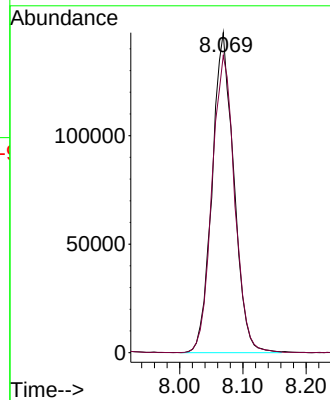
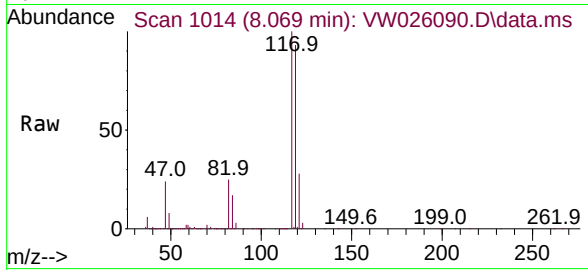




#31
Carbon tetrachloride
Concen: 26.767 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

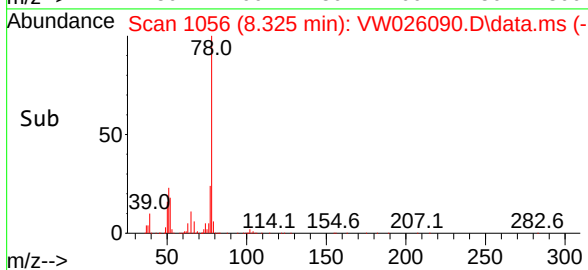
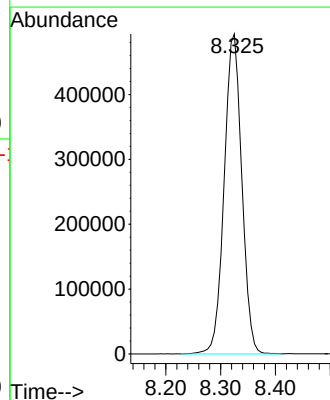
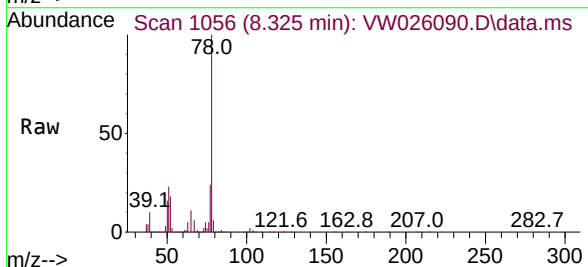
Instrument : MSVOA_W
ClientSampleId : EW990MSD

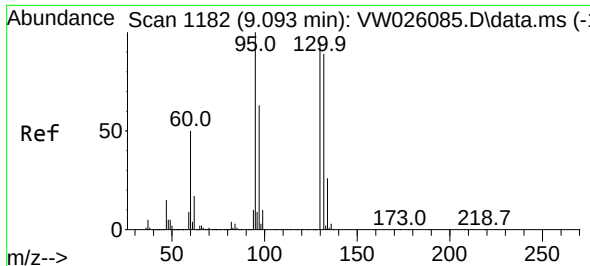
Tgt Ion:117 Resp: 351710
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2



#33
Benzene
Concen: 27.141 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 78 Resp: 1103175

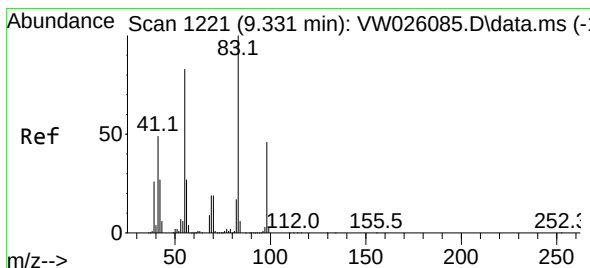
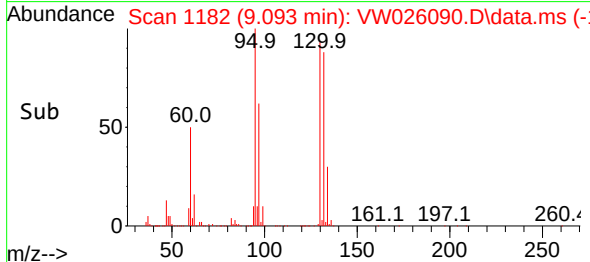
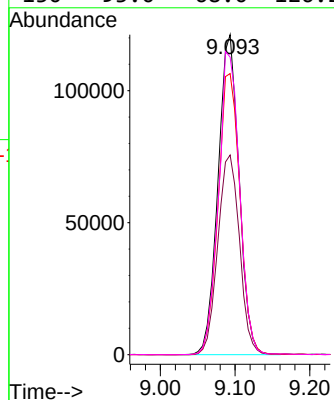
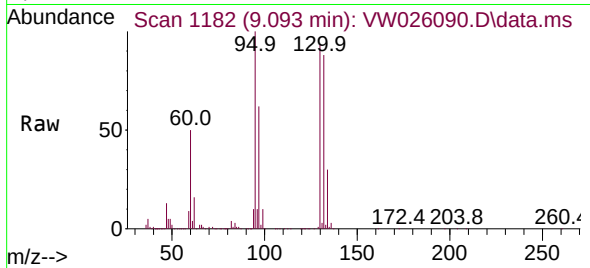




#34
Trichloroethene
Concen: 22.771 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

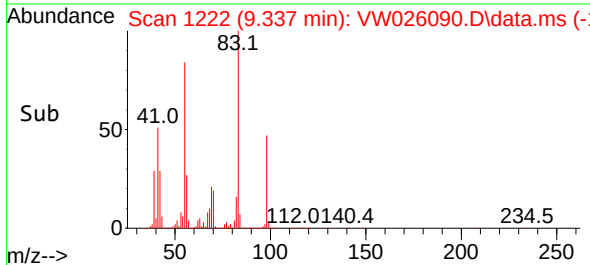
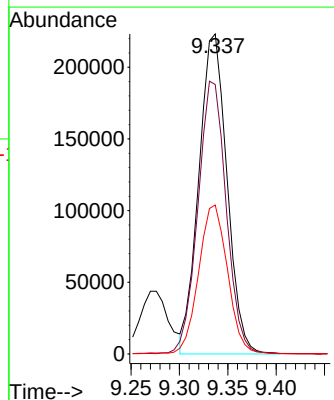
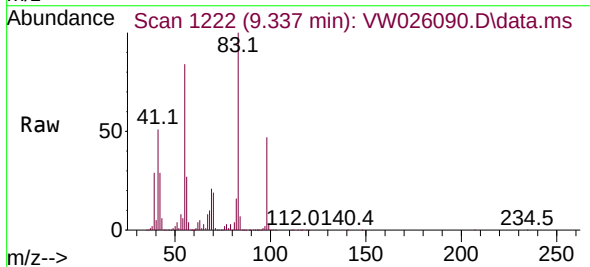
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

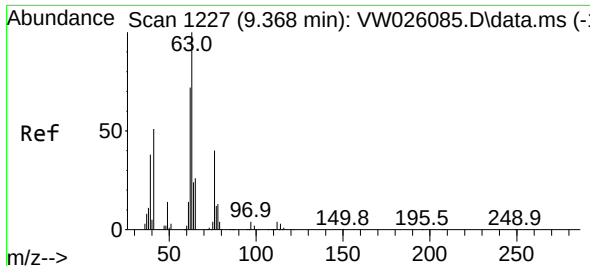
Tgt Ion: 95 Resp: 237000
Ion Ratio Lower Upper
95 100
97 62.4 45.9 85.3
132 87.9 67.1 124.7
130 93.0 68.0 126.2



#35
Methylcyclohexane
Concen: 24.582 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 83 Resp: 452727
Ion Ratio Lower Upper
83 100
55 85.8 68.2 102.4
98 47.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 27.895 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

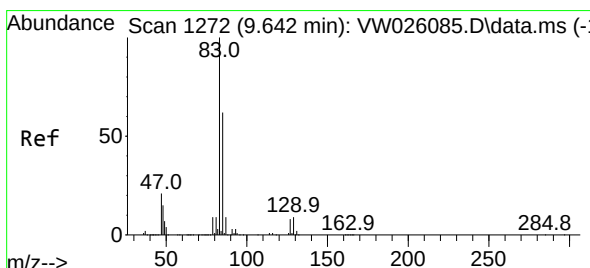
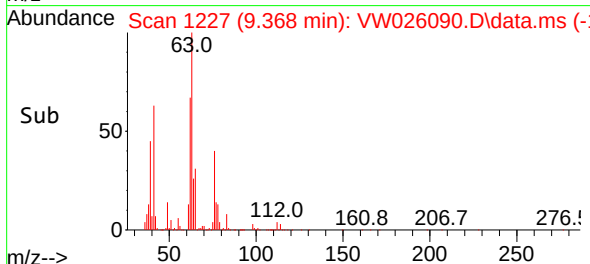
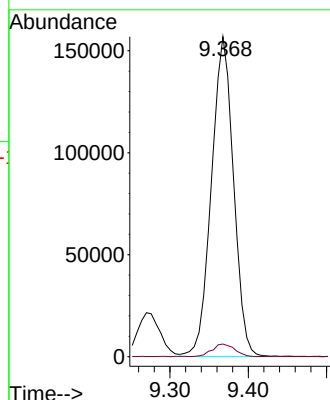
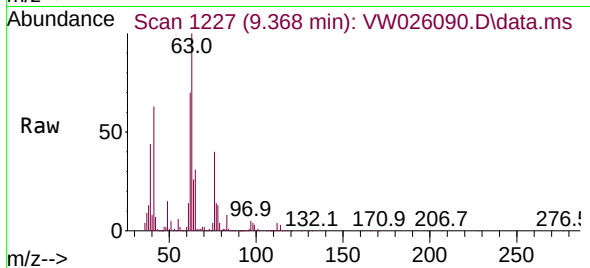
EW990MSD

Tgt Ion: 63 Resp: 307102

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.700 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

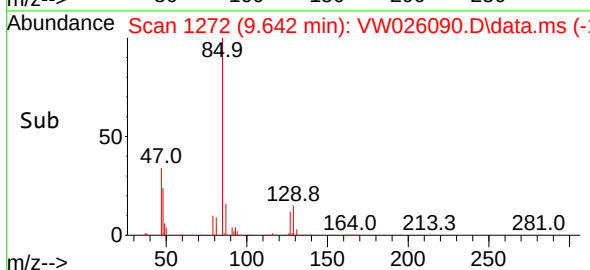
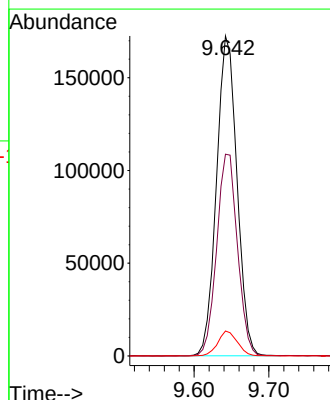
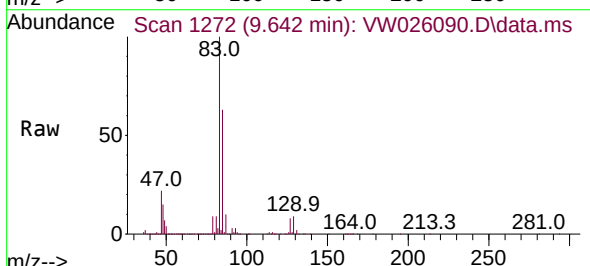
Tgt Ion: 83 Resp: 328714

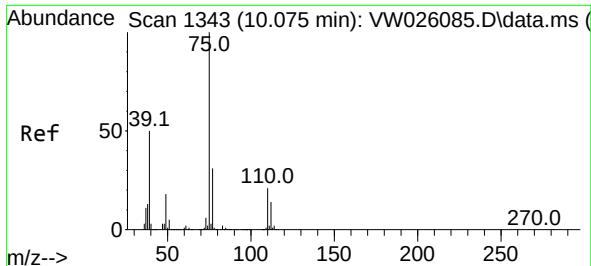
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 7.8 6.2 9.2

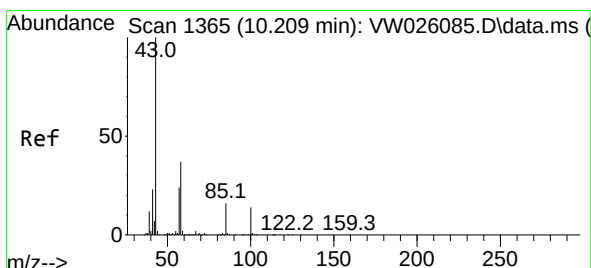
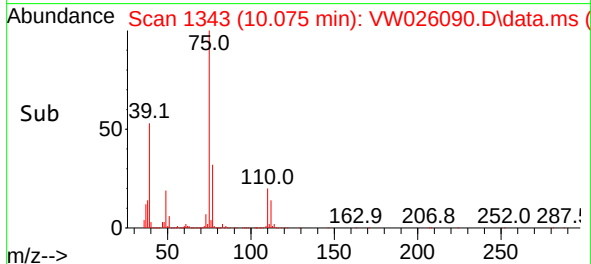
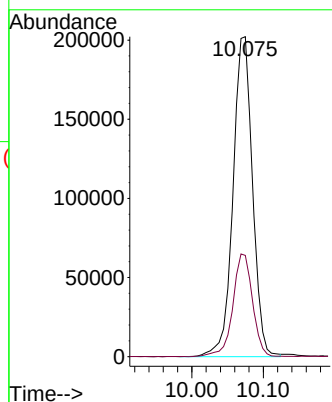
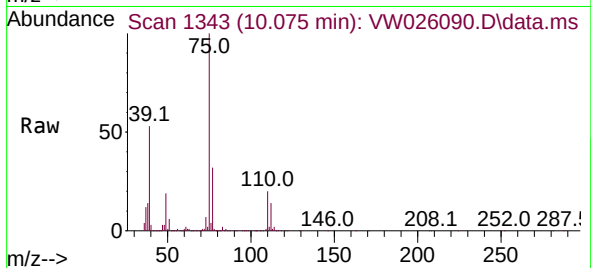




#39
 cis-1,3-Dichloropropene
 Concen: 23.683 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW026090.D
 Acq: 30 May 2023 15:41

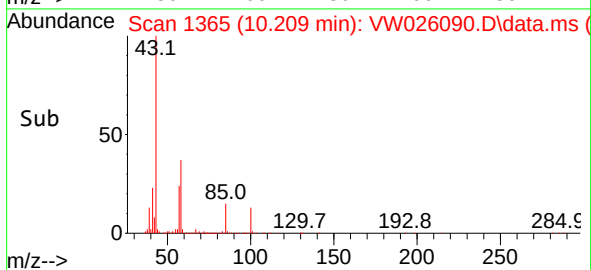
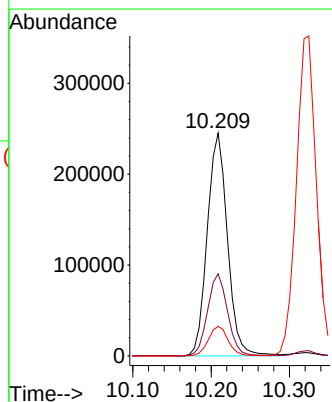
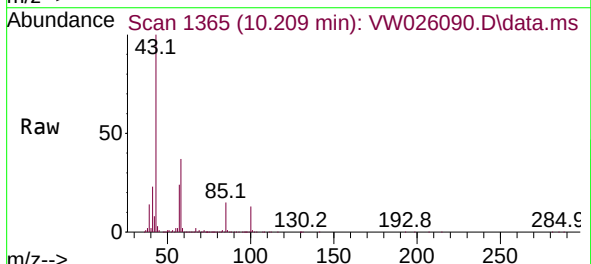
Instrument :
 MSVOA_W
 ClientSampleId :
 EW990MSD

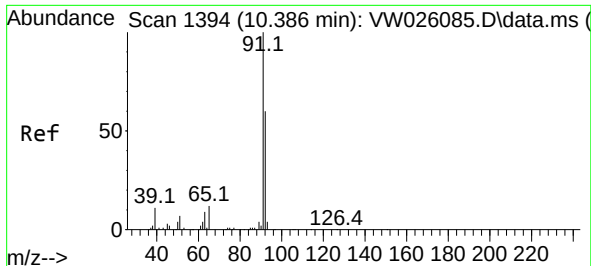
Tgt Ion: 75 Resp: 383161
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 67.561 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW026090.D
 Acq: 30 May 2023 15:41

Tgt Ion: 43 Resp: 438512
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.0 43.4
 100 13.2 10.5 15.7

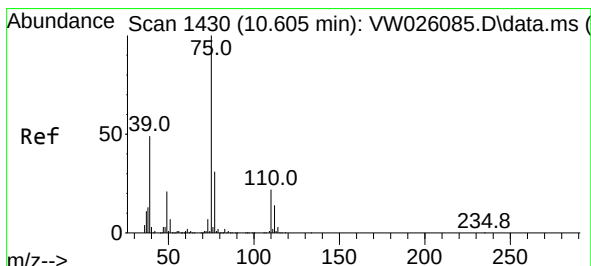
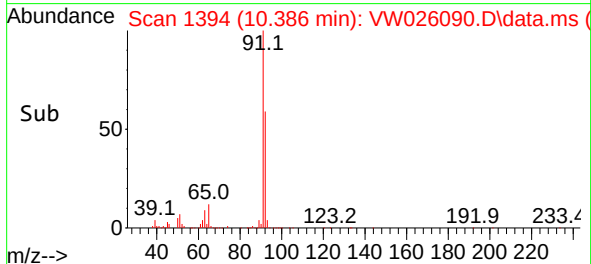
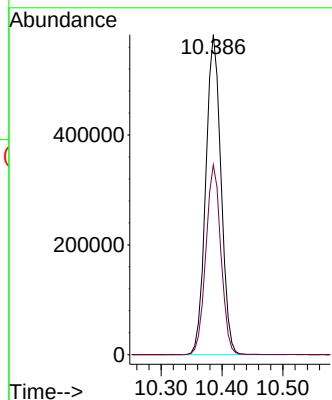
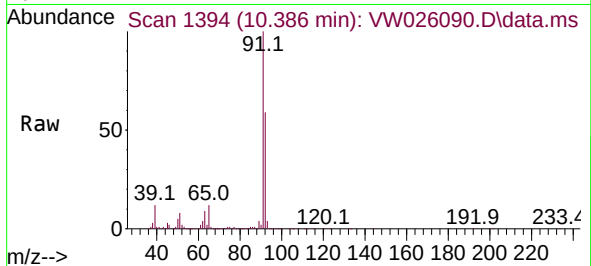




#42
Toluene
Concen: 24.281 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

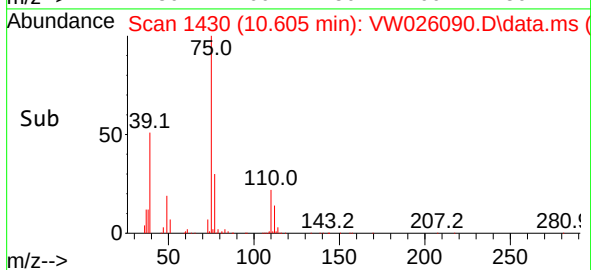
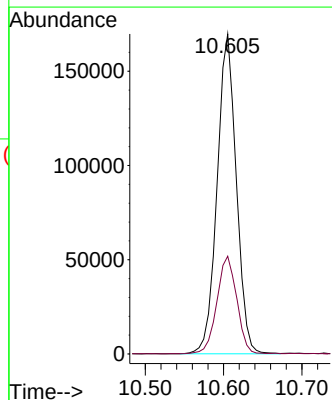
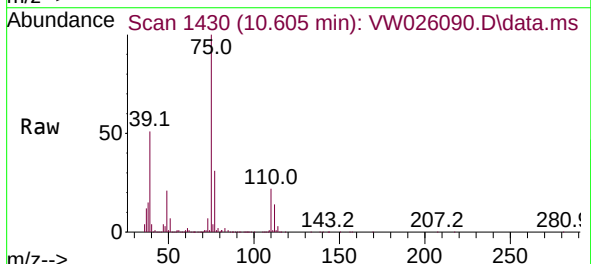
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

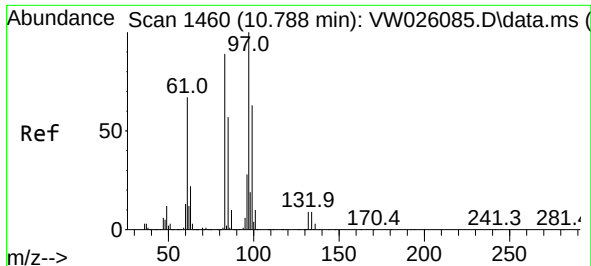
Tgt Ion: 91 Resp: 1009457
Ion Ratio Lower Upper
91 100
92 59.3 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 21.439 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 75 Resp: 288961
Ion Ratio Lower Upper
75 100
77 30.6 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 26.268 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

EW990MSD

Tgt Ion: 97 Resp: 190592

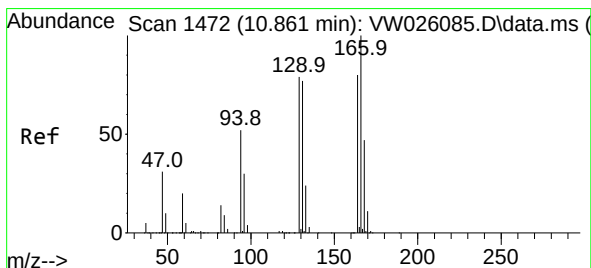
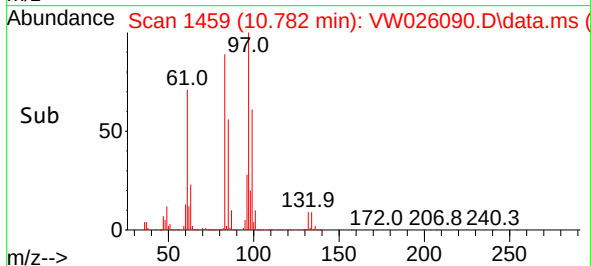
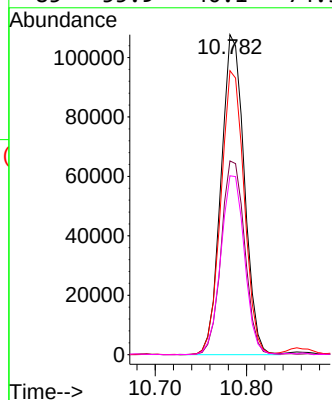
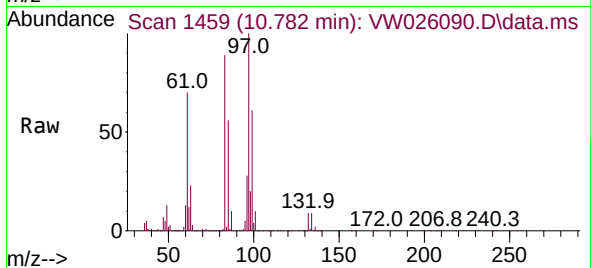
Ion Ratio Lower Upper

97 100

99 60.6 43.3 80.5

83 88.7 62.9 116.9

85 55.9 40.1 74.5



#46

Tetrachloroethene

Concen: 20.824 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Tgt Ion:164 Resp: 153302

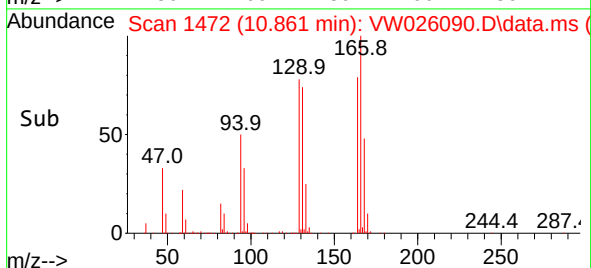
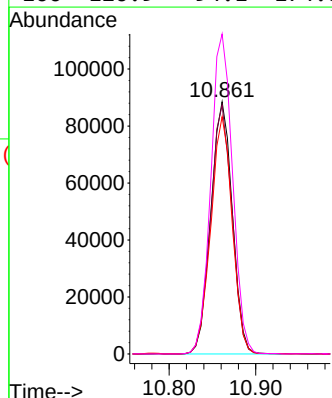
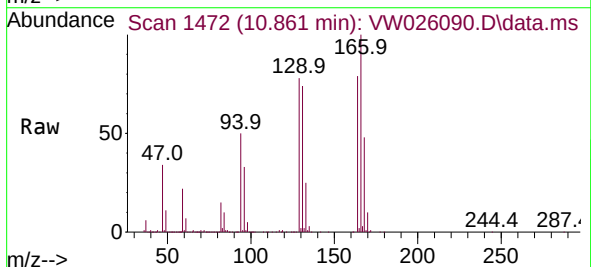
Ion Ratio Lower Upper

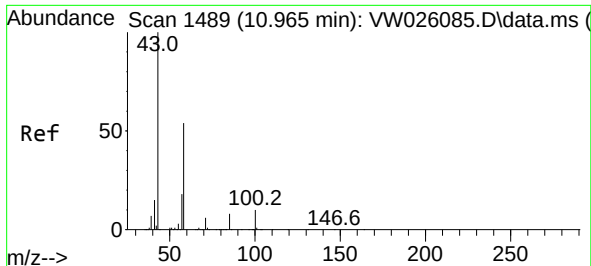
164 100

129 98.6 68.5 127.1

131 94.1 67.1 124.7

166 126.9 94.1 174.8

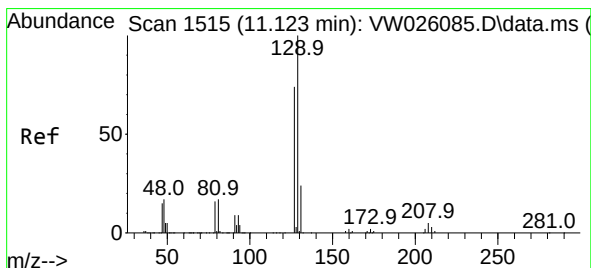
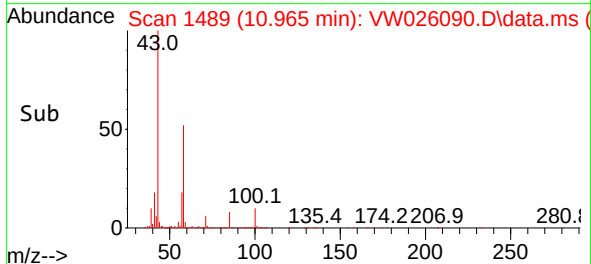
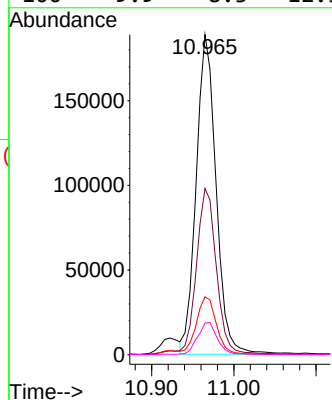
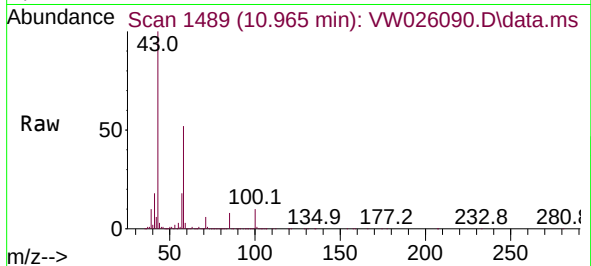




#48
2-Hexanone
Concen: 69.368 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

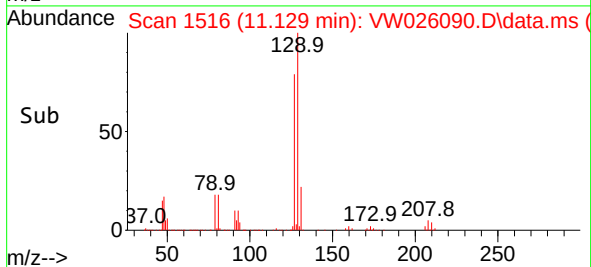
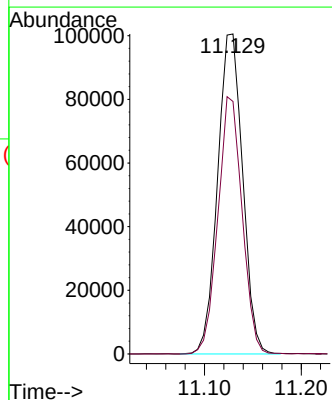
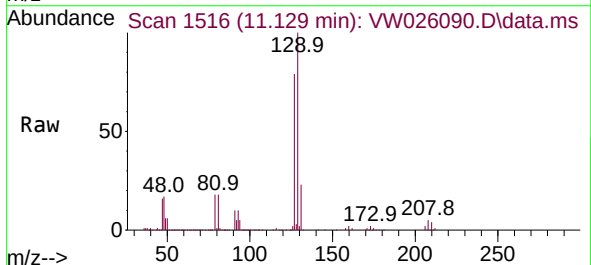
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

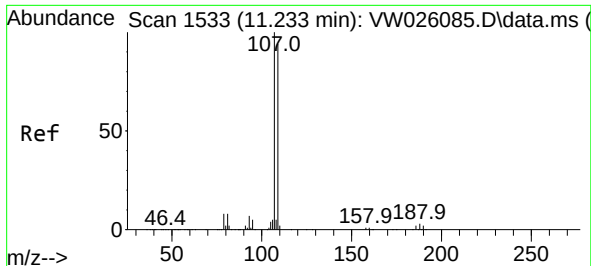
Tgt Ion: 43 Resp: 317462
Ion Ratio Lower Upper
43 100
58 51.9 42.2 63.2
57 18.3 14.2 21.2
100 9.9 8.3 12.5



#49
Dibromochloromethane
Concen: 23.742 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 129 Resp: 180610
Ion Ratio Lower Upper
129 100
127 78.9 56.9 105.7

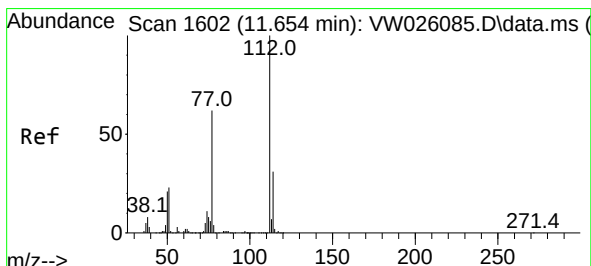
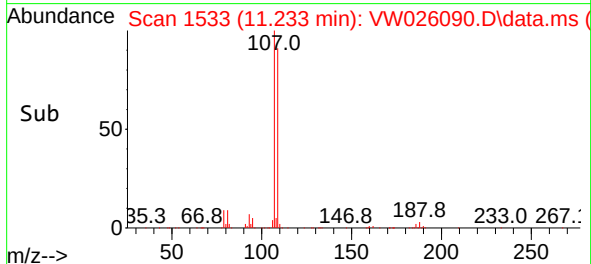
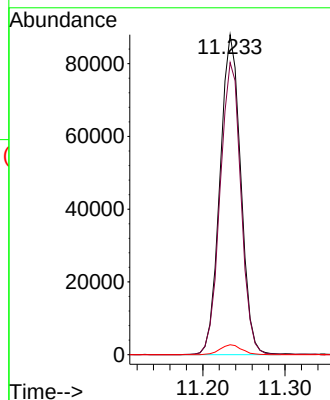
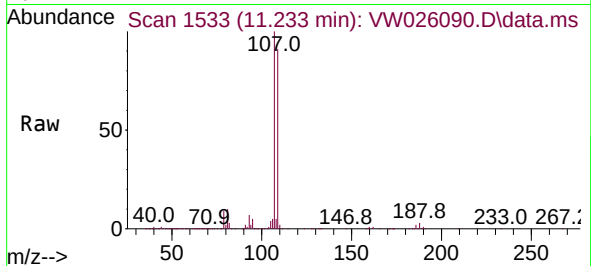




#50
1,2-Dibromoethane
Concen: 23.014 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

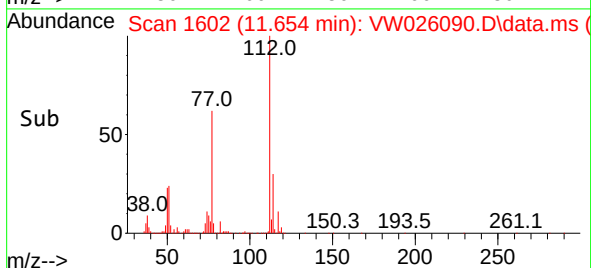
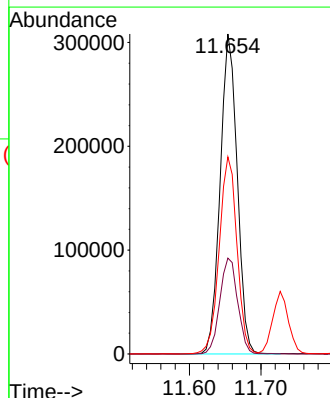
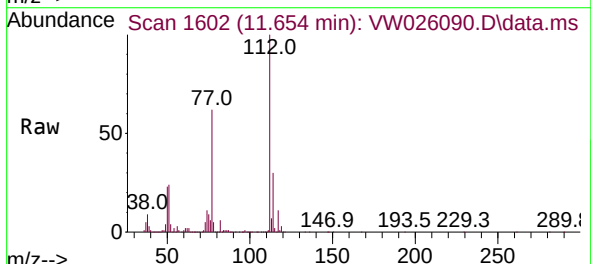
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

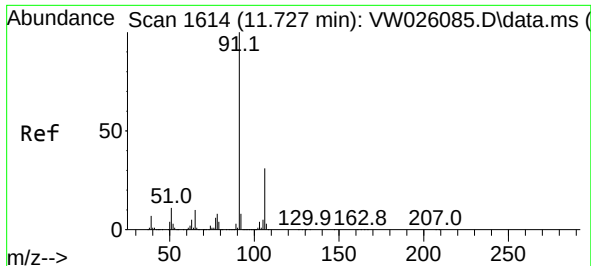
Tgt Ion:107 Resp: 154613
Ion Ratio Lower Upper
107 100
109 91.3 64.0 119.0
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 19.579 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion:112 Resp: 510064
Ion Ratio Lower Upper
112 100
114 30.0 23.0 42.6
77 61.6 50.9 76.3

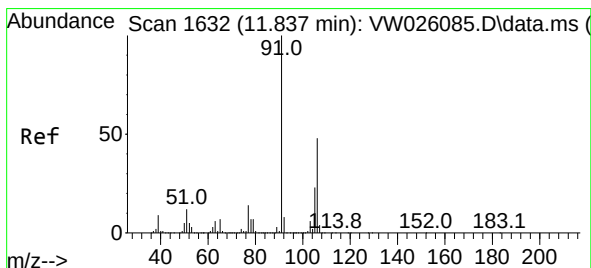
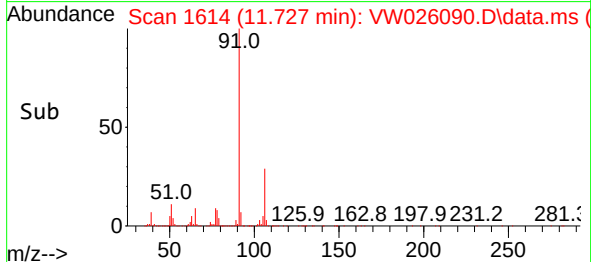
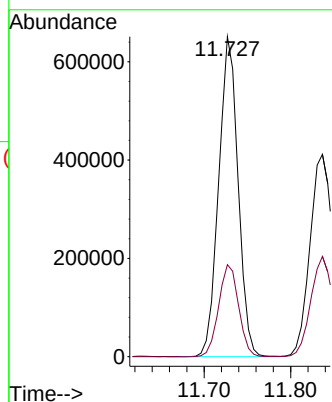
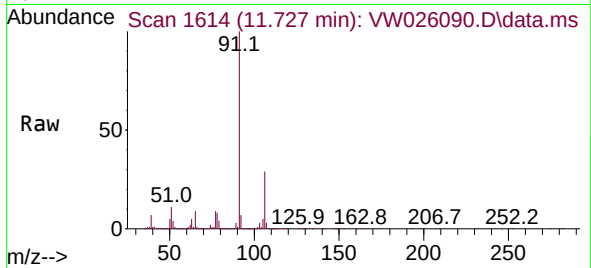




#52
Ethylbenzene
Concen: 21.600 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

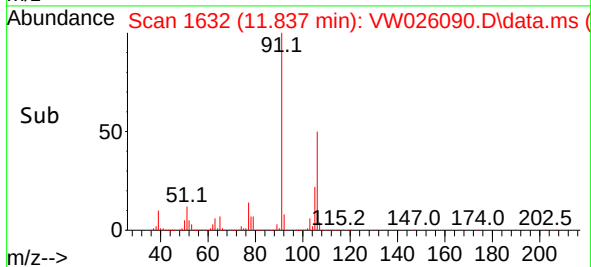
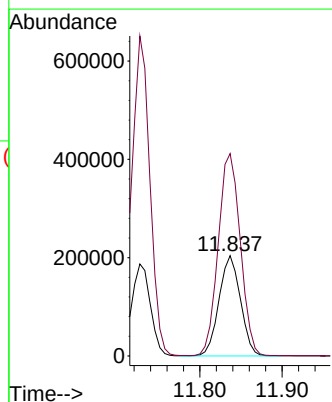
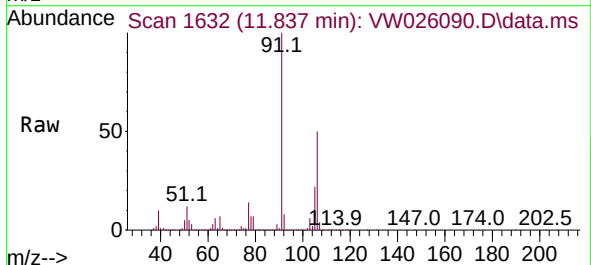
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

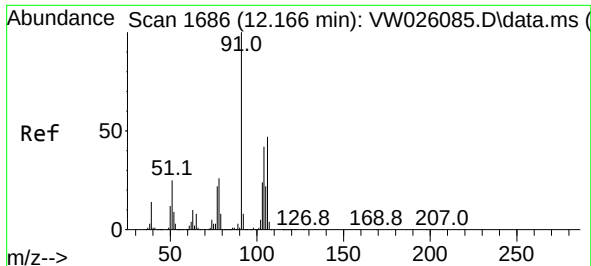
Tgt Ion: 91 Resp: 1012979
Ion Ratio Lower Upper
91 100
106 28.8 21.2 39.4



#53
m,p-Xylene
Concen: 21.180 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion:106 Resp: 369518
Ion Ratio Lower Upper
106 100
91 201.8 149.5 277.7

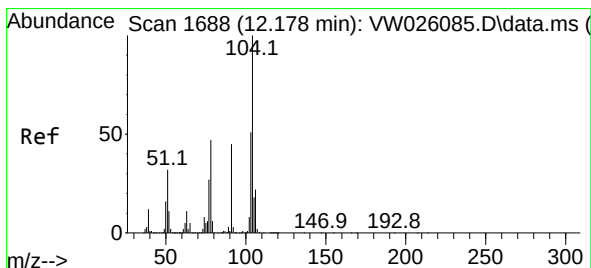
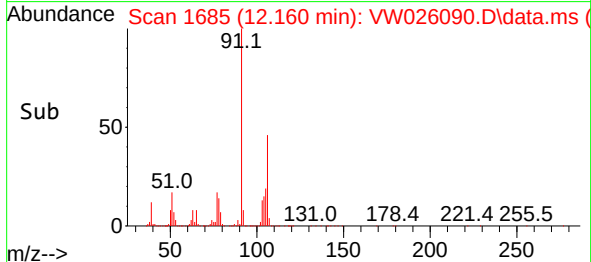
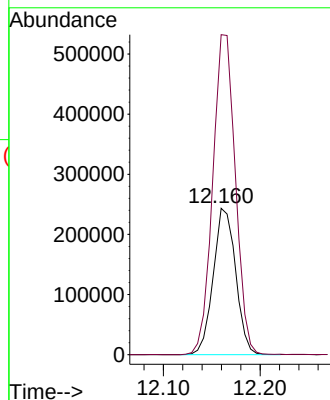
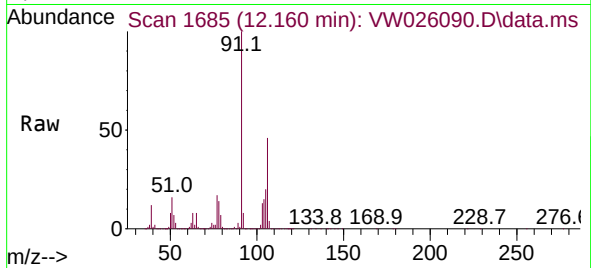




#54
o-Xylene
Concen: 23.818 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

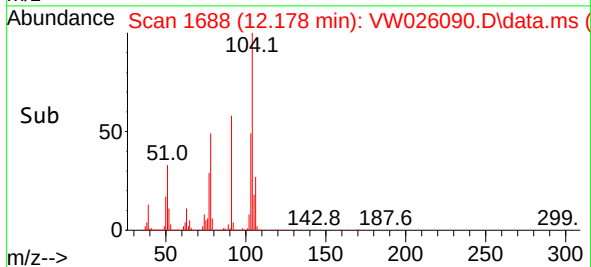
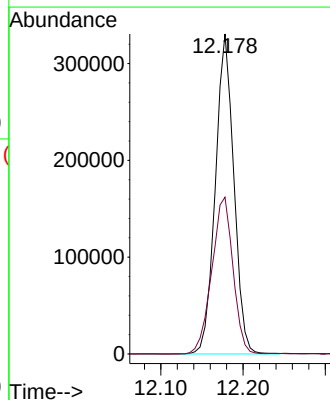
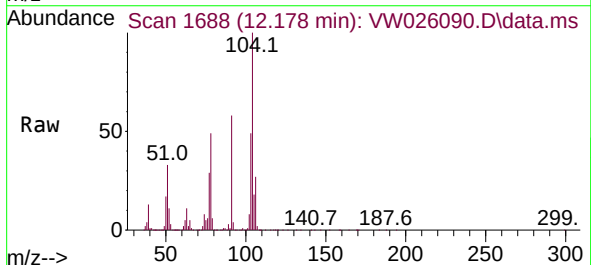
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

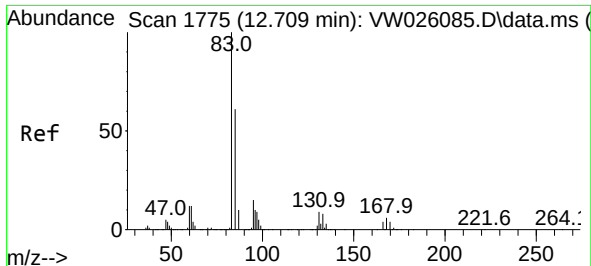
Tgt Ion:106 Resp: 392198
Ion Ratio Lower Upper
106 100
91 218.5 150.9 280.3



#55
Styrene
Concen: 18.271 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion:104 Resp: 516144
Ion Ratio Lower Upper
104 100
78 49.0 32.6 60.6





#57

1,1,2-Tetrachloroethane

Concen: 26.215 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

EW990MSD

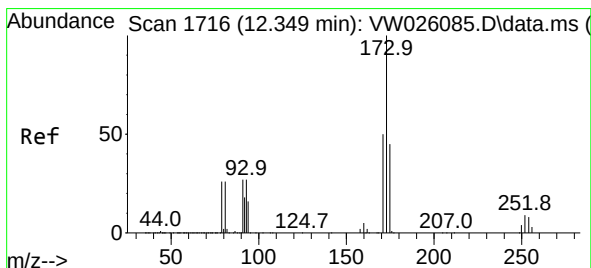
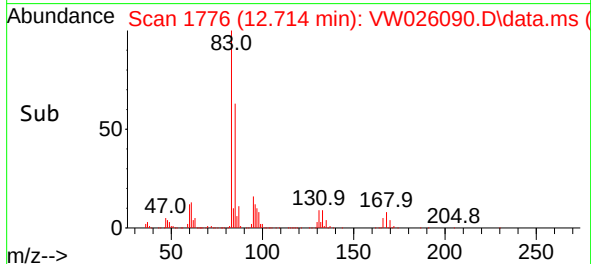
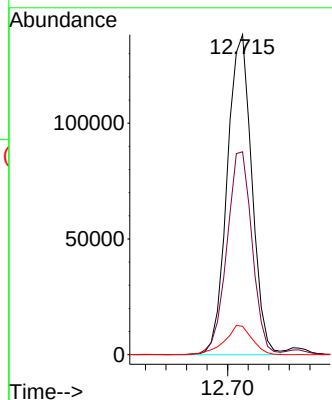
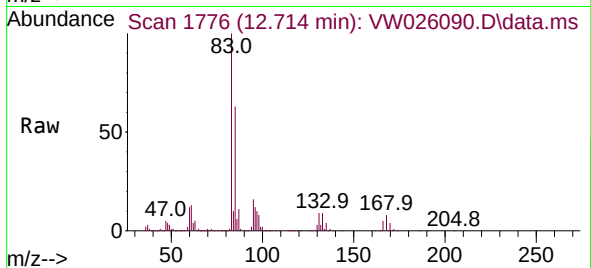
Tgt Ion: 83 Resp: 230193

Ion Ratio Lower Upper

83 100

85 63.4 42.6 79.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 37.249 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

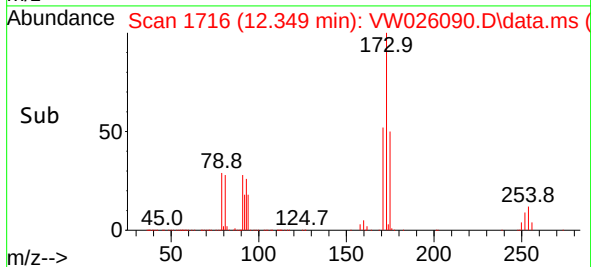
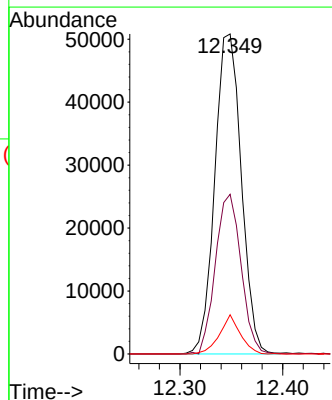
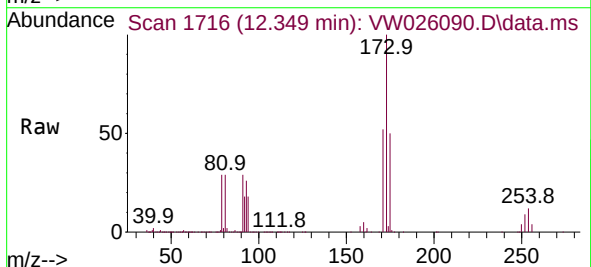
Tgt Ion: 173 Resp: 91104

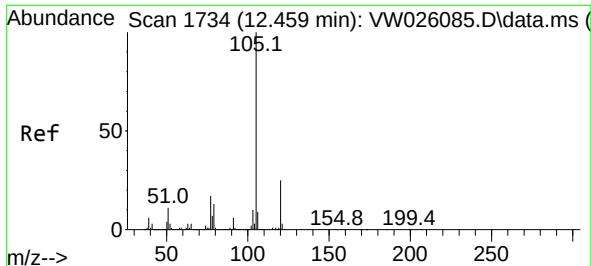
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

254 9.6 7.4 11.0

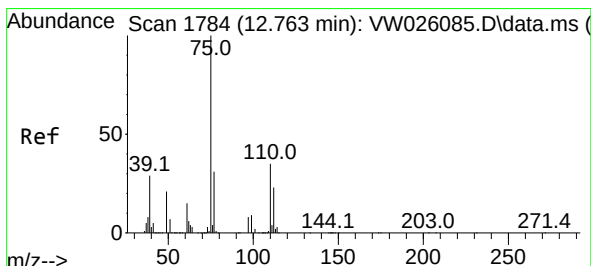
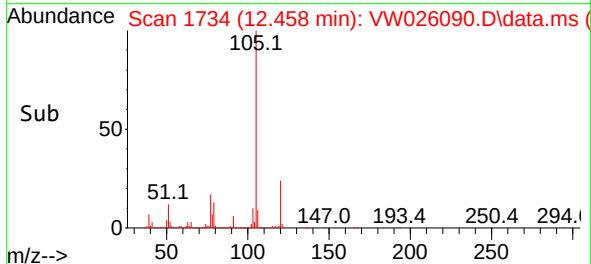
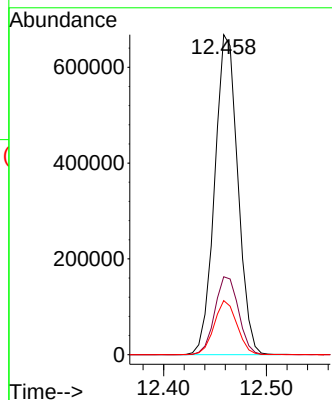
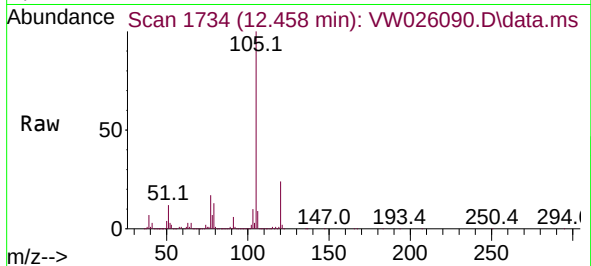




#60
Isopropylbenzene
Concen: 40.702 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

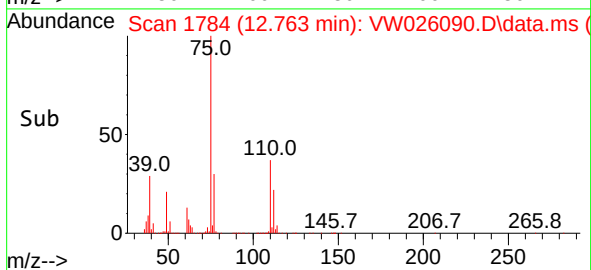
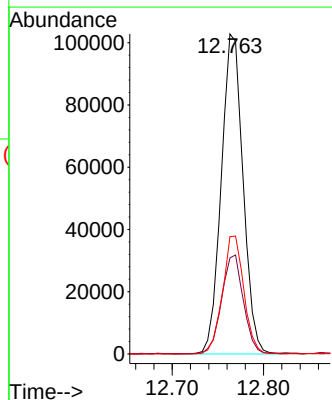
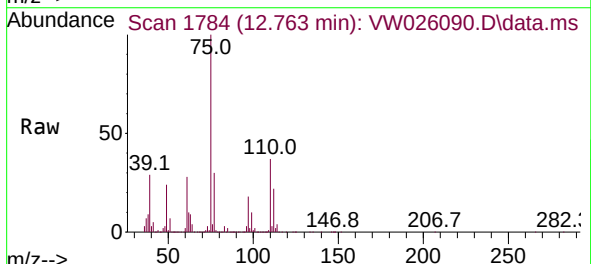
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

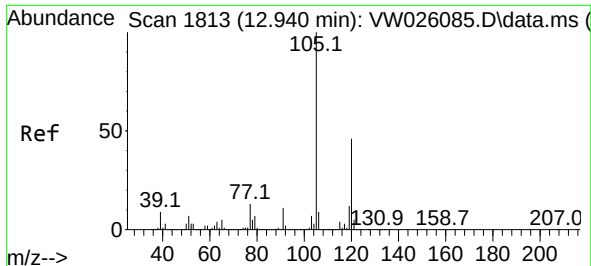
Tgt Ion:105 Resp: 1041206
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8
77 16.7 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 46.722 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion: 75 Resp: 170423
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
110 36.1 28.7 43.1

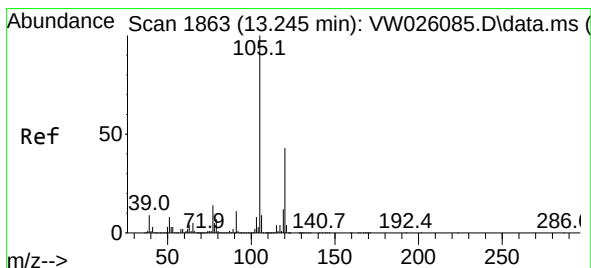
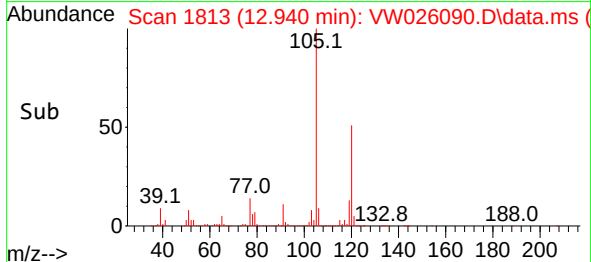
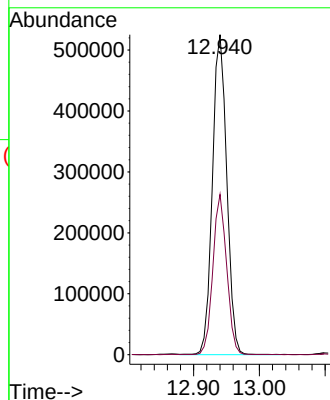
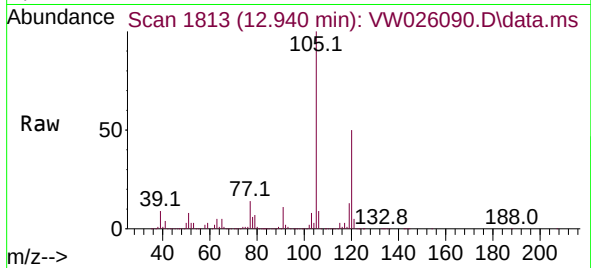




#62
1,3,5-Trimethylbenzene
Concen: 39.300 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

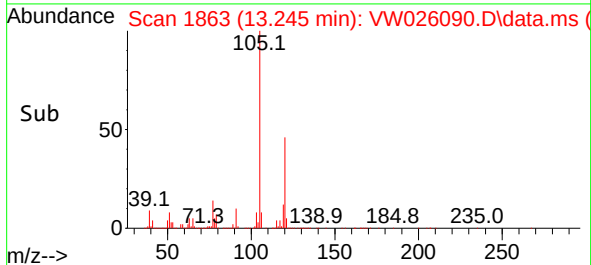
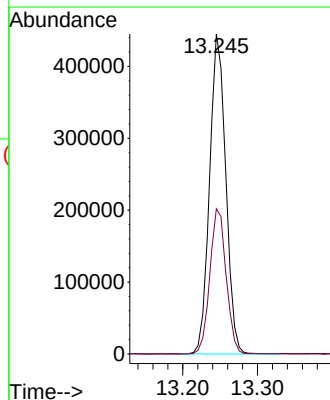
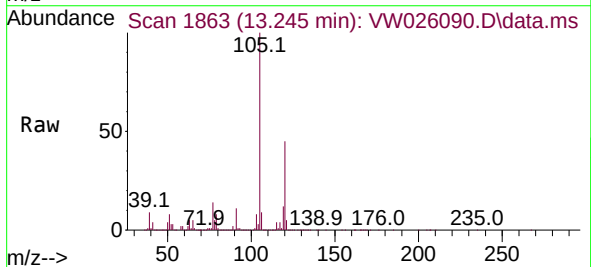
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

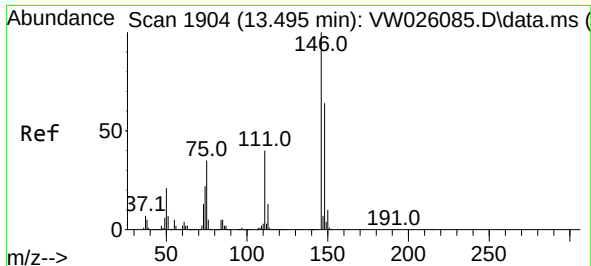
Tgt Ion:105 Resp: 799209
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 35.888 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion:105 Resp: 668442
Ion Ratio Lower Upper
105 100
120 45.6 36.2 54.2

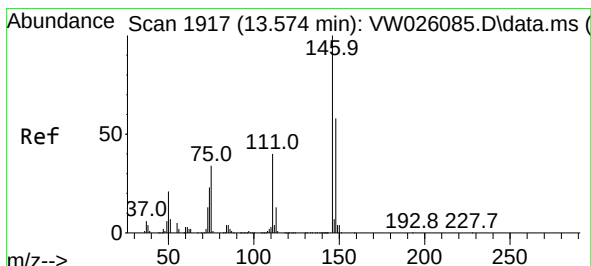
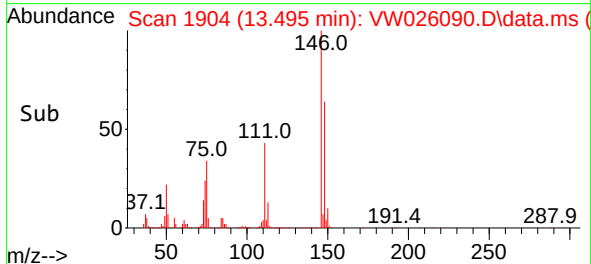
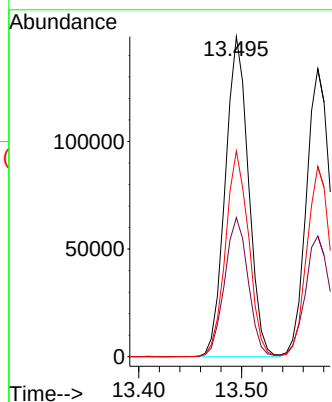
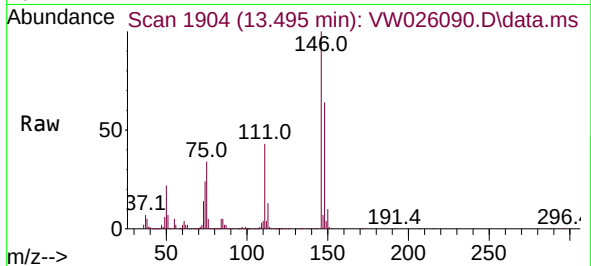




#64
1,3-Dichlorobenzene
Concen: 21.671 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

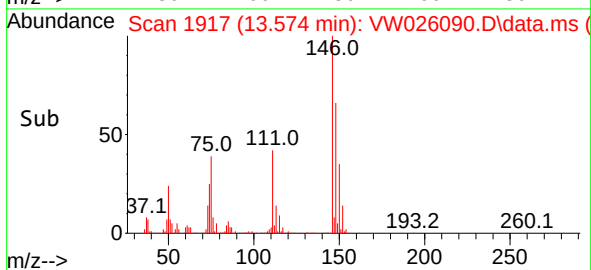
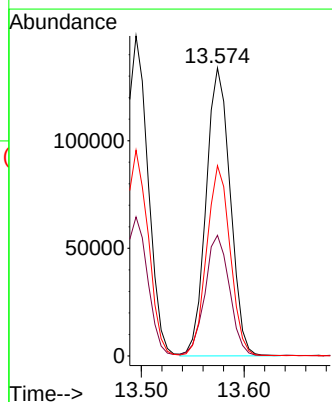
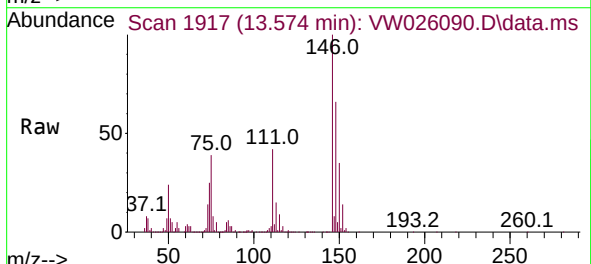
Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

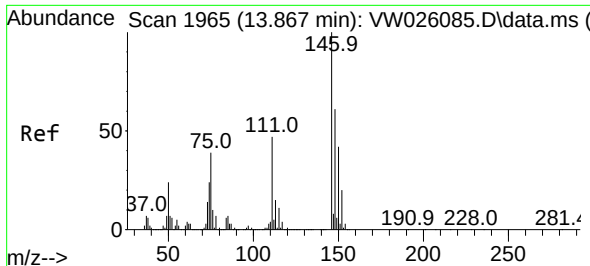
Tgt Ion:146 Resp: 233093
Ion Ratio Lower Upper
146 100
111 43.5 29.7 55.1
148 64.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.157 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion:146 Resp: 218277
Ion Ratio Lower Upper
146 100
111 41.9 29.2 54.2
148 66.0 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 24.446 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

EW990MSD

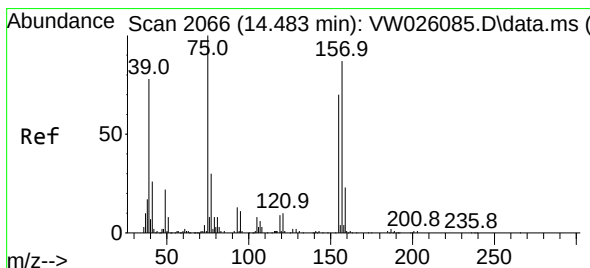
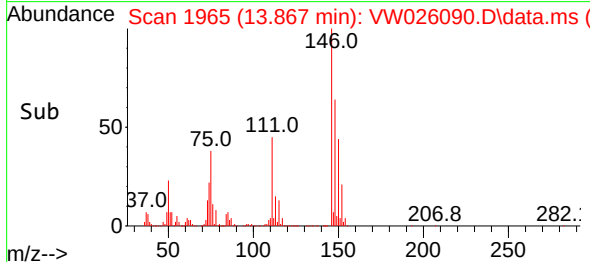
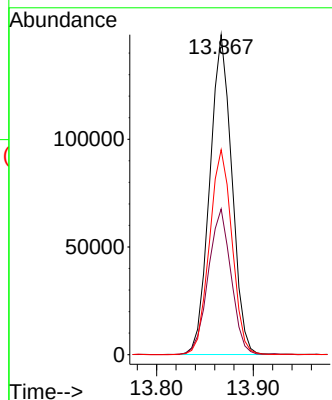
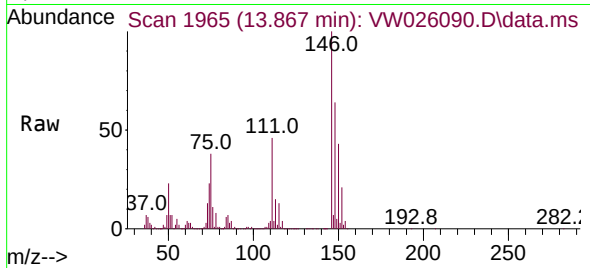
Tgt Ion:146 Resp: 236114

Ion Ratio Lower Upper

146 100

111 45.5 35.4 53.0

148 64.0 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 41.000 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

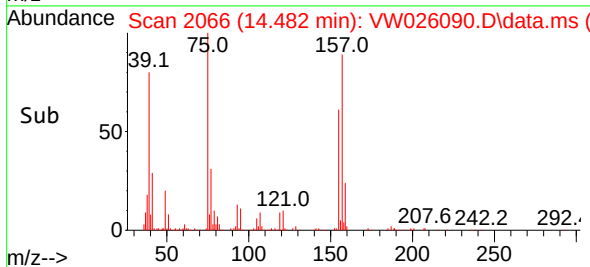
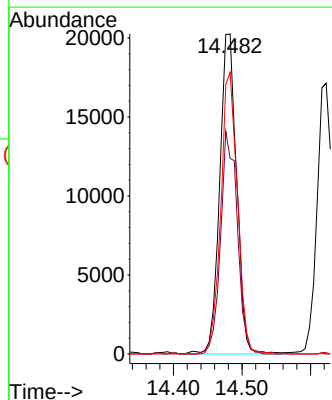
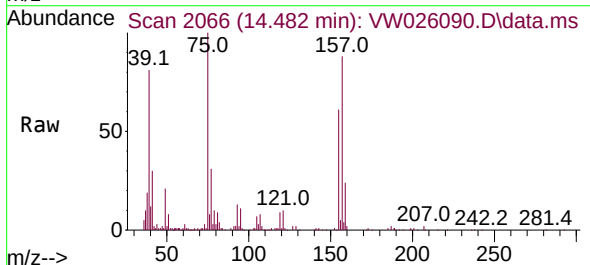
Tgt Ion: 75 Resp: 34649

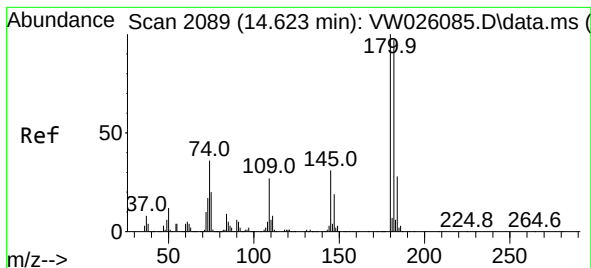
Ion Ratio Lower Upper

75 100

155 61.1 59.0 88.6

157 88.0 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 17.676 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

Instrument :

MSVOA_W

ClientSampleId :

EW990MSD

Tgt Ion:180 Resp: 130602

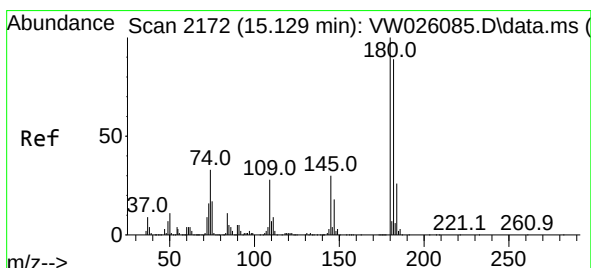
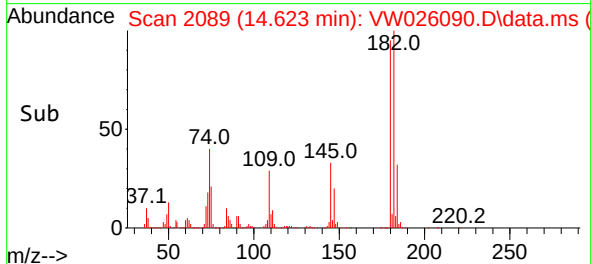
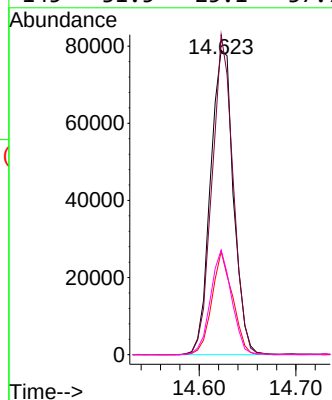
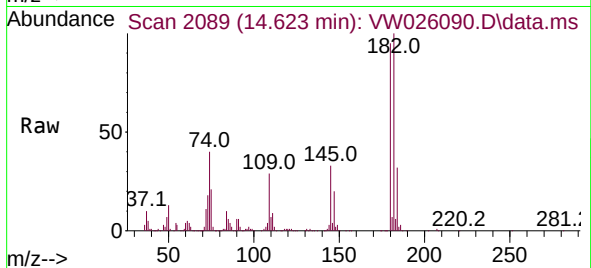
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 30.4 23.7 35.5

145 31.5 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 11.957 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026090.D

Acq: 30 May 2023 15:41

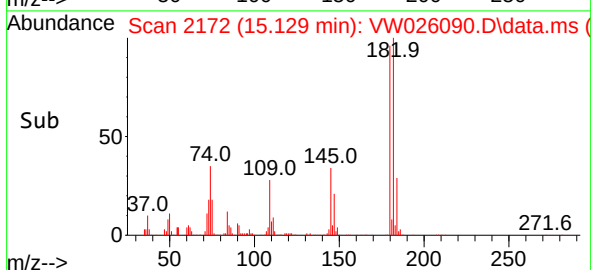
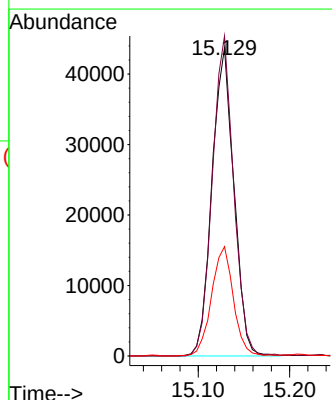
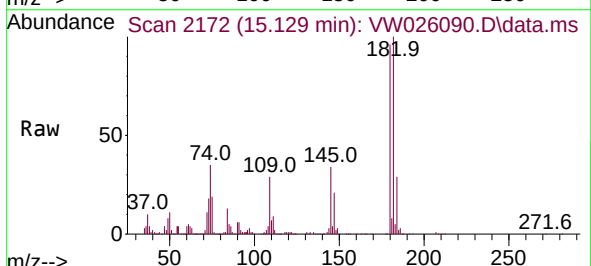
Tgt Ion:180 Resp: 72901

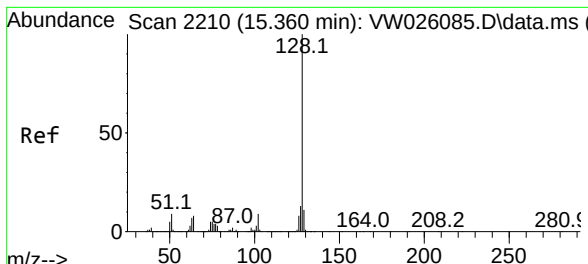
Ion Ratio Lower Upper

180 100

182 100.7 78.9 118.3

145 35.3 27.2 40.8



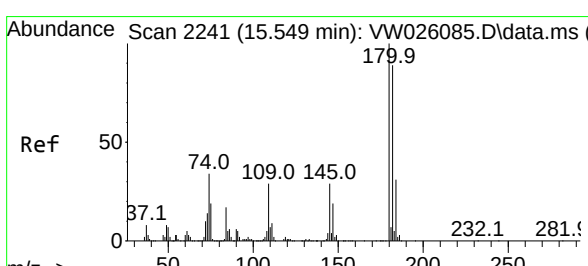
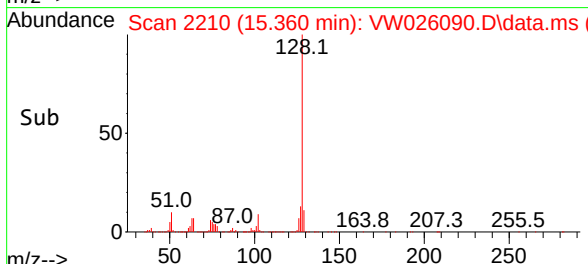
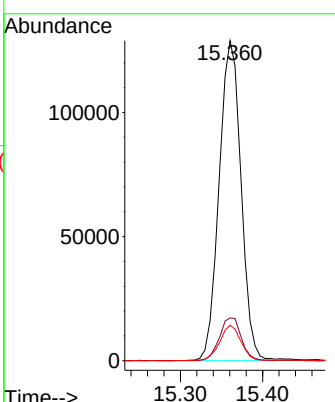
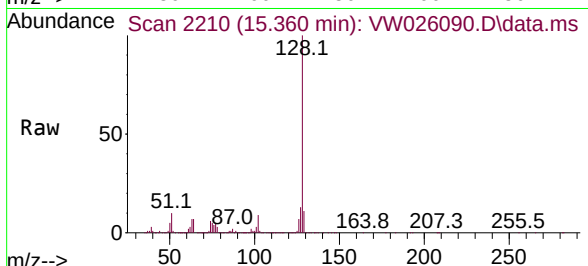


#71
Naphthalene
Concen: 21.950 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Instrument :
MSVOA_W
ClientSampleId :
EW990MSD

Tgt Ion:128 Resp: 238506

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 15.368 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026090.D
Acq: 30 May 2023 15:41

Tgt Ion:180 Resp: 81883

Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.3	114.5
145	35.4	27.0	40.6

