

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027749.D
 Acq On : 18 Dec 2023 23:45
 Operator : SY/MD
 Sample : 05891-05MS
 Misc : 5.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLR2MS

Quant Time: Dec 19 00:22:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	573289	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517331	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	267441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	146295	18.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.080%
7) Chloroethane-d5	2.899	69	120237	19.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.080%
11) 1,1-Dichloroethene-d2	4.021	65	60638	18.648	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.600%
21) 2-Butanone-d5	7.094	46	60834	44.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.000%
24) Chloroform-d	7.648	84	285610	20.937	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.760%
26) 1,2-Dichloroethane-d4	8.307	65	135880	21.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.840%
32) Benzene-d6	8.276	84	615513	20.358	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.440%
36) 1,2-Dichloropropane-d6	9.270	67	173926	20.305	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.200%
41) Toluene-d8	10.319	98	570328	20.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.320%
43) trans-1,3-Dichloroprop...	10.575	79	70397	21.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.920%
47) 2-Hexanone-d5	10.922	63	60030	48.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142810	22.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	13.849	152	199583	20.848	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	118019	17.687	ug/L	90
3) Chloromethane	2.223	50	146182	18.600	ug/L	98
5) Vinyl chloride	2.375	62	177331	18.966	ug/L	96
6) Bromomethane	2.796	94	116269	19.536	ug/L	94
8) Chloroethane	2.936	64	108026	19.324	ug/L	97
9) Trichlorofluoromethane	3.271	101	169934	20.123	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147375	20.544	ug/L	96
12) 1,1-Dichloroethene	4.045	96	143547	20.441	ug/L	94
13) Acetone	4.161	43	34839	27.759	ug/L	77
14) Carbon disulfide	4.387	76	452638	19.187	ug/L	99
15) Methyl Acetate	4.679	43	46042	20.306	ug/L	97
16) Methylene chloride	4.917	84	151467	16.850	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	149621	20.149	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	212580	21.653	ug/L	99
19) 1,1-Dichloroethane	6.216	63	253062	20.041	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	163261	20.886	ug/L	96
22) 2-Butanone	7.185	43	56406	33.845	ug/L	96
23) Bromochloromethane	7.520	128	70469	21.349	ug/L	98
25) Chloroform	7.679	83	256331	20.612	ug/L	98

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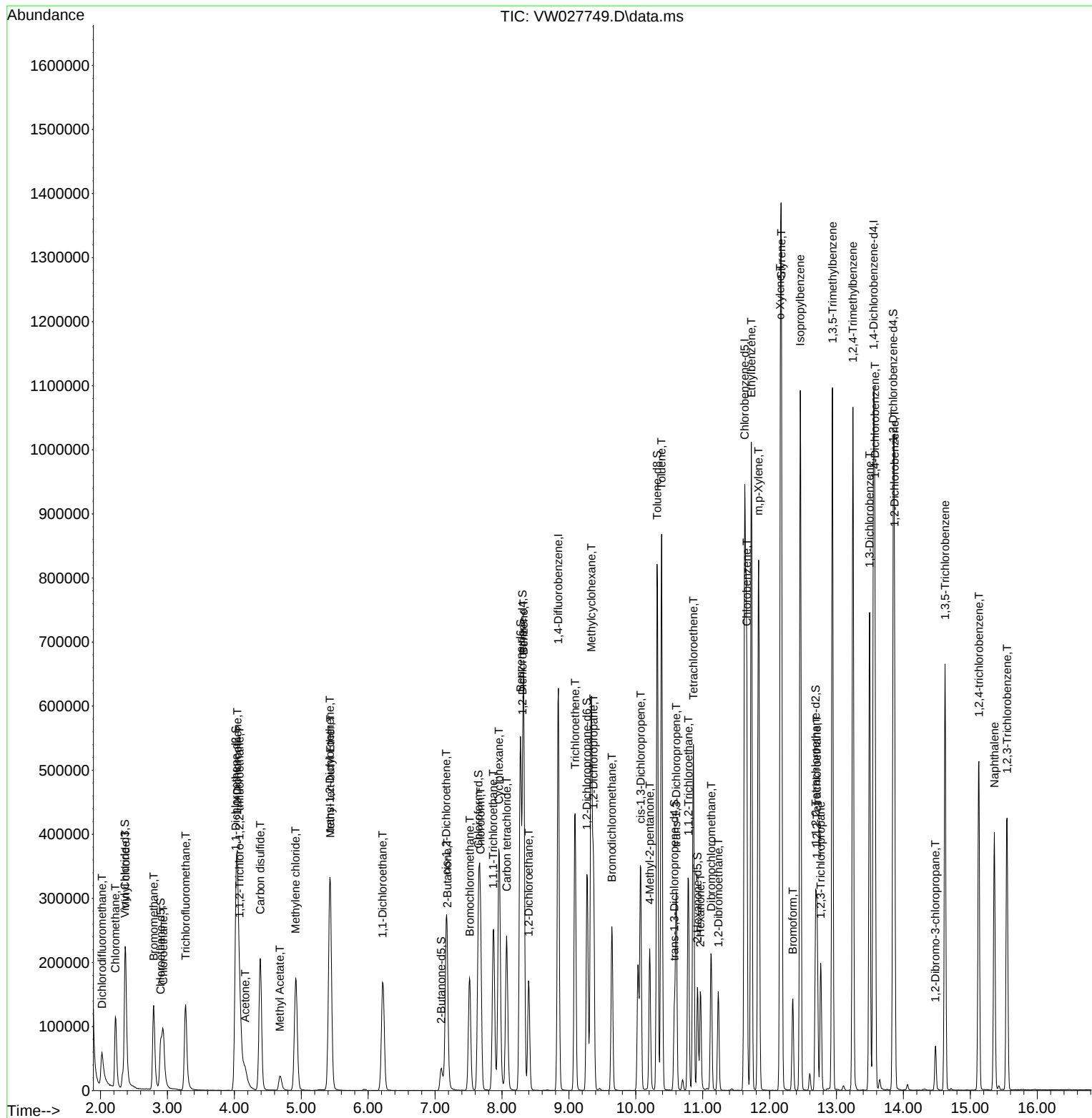
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155515	21.330	ug/L	97
29) Cyclohexane	7.953	56	231309	18.897	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	214836	19.880	ug/L	99
31) Carbon tetrachloride	8.069	117	185911	19.549	ug/L	95
33) Benzene	8.325	78	607183	20.247	ug/L	100
34) Trichloroethene	9.093	95	158271	19.361	ug/L	99
35) Methylcyclohexane	9.337	83	288065	19.538	ug/L	98
37) 1,2-Dichloropropane	9.368	63	144676	19.985	ug/L	99
38) Bromodichloromethane	9.642	83	178915	20.334	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	232084	21.034	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	135706	42.890	ug/L	100
42) Toluene	10.386	91	651427	20.188	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	179496	20.658	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	112175	20.930	ug/L	98
46) Tetrachloroethene	10.861	164	123858	18.975	ug/L	99
48) 2-Hexanone	10.965	43	93244	39.593	ug/L	100
49) Dibromochloromethane	11.129	129	118560	21.150	ug/L	95
50) 1,2-Dibromoethane	11.233	107	108080	21.220	ug/L	90
51) Chlorobenzene	11.660	112	419100	20.329	ug/L	89
52) Ethylbenzene	11.727	91	730615	20.094	ug/L	98
53) m,p-Xylene	11.837	106	280889	20.112	ug/L	99
54) o-Xylene	12.160	106	276252	21.242	ug/L	91
55) Styrene	12.178	104	457715	20.878	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	129209	21.149	ug/L	99
59) Bromoform	12.349	173	65878	20.124	ug/L	92
60) Isopropylbenzene	12.459	105	745475	19.750	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89114	19.993	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	610002	20.217	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	597056	20.102	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	328231	20.124	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	313502	19.135	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	296226	20.885	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	17535	19.692	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	214350	18.887	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	178891	19.194	ug/L	94
71) Naphthalene	15.360	128	353521	21.405	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	151292	19.415	ug/L	96

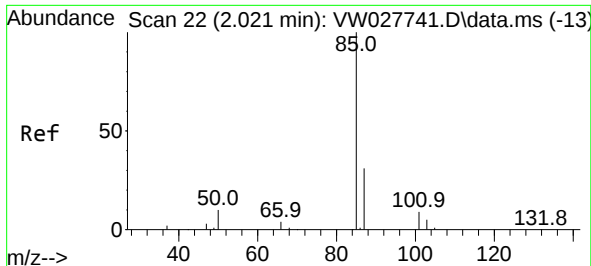
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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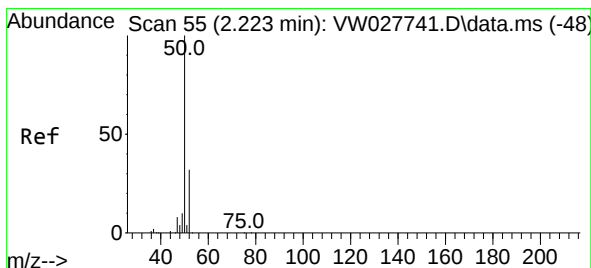
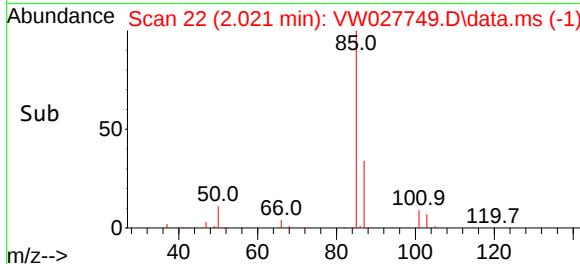
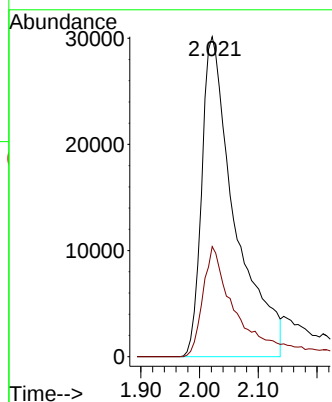
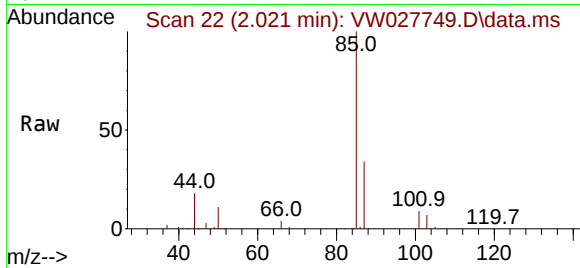




#2
 Dichlorodifluoromethane
 Concen: 17.687 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

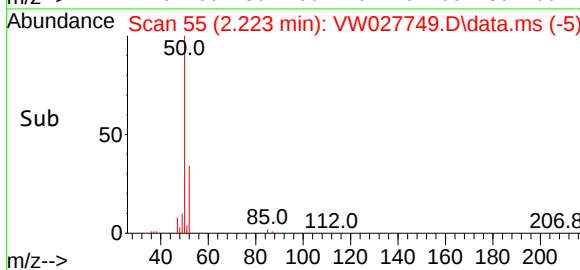
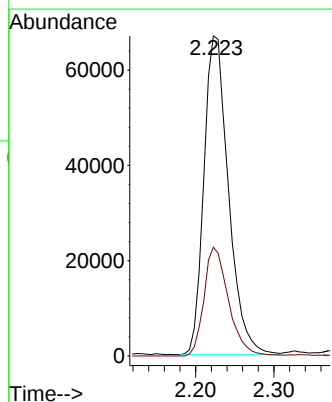
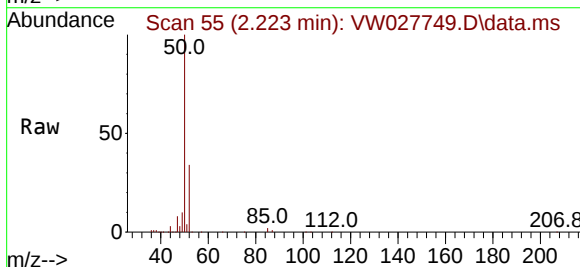
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 ClientSampleId :
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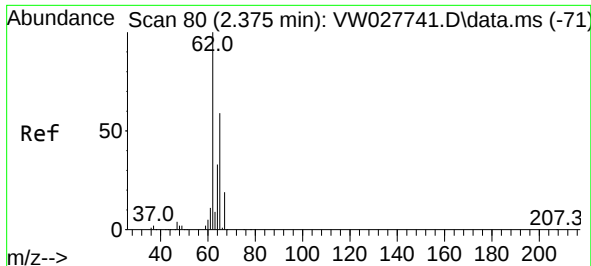
Tgt Ion: 85 Resp: 118019
 Ion Ratio Lower Upper
 85 100
 87 34.1 23.2 34.8



#3
 Chloromethane
 Concen: 18.600 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

Tgt Ion: 50 Resp: 146182
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.8 42.4

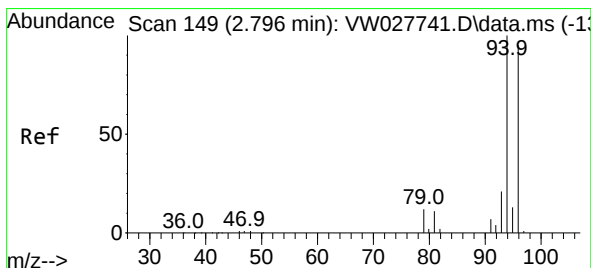
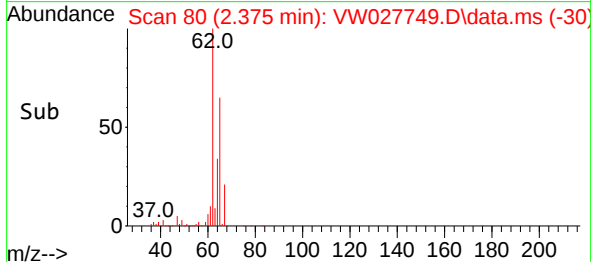
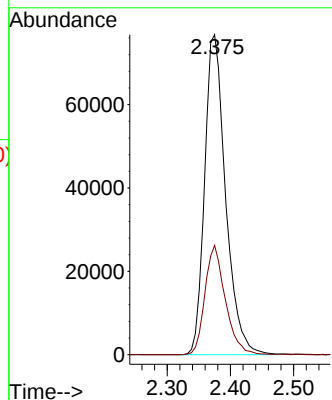
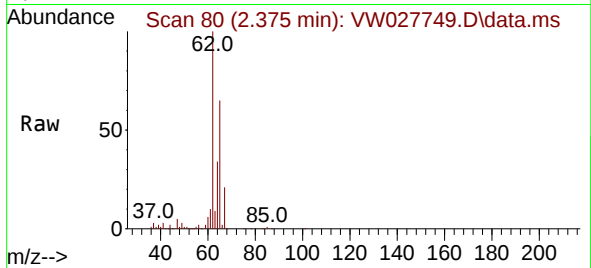




#5
 Vinyl chloride
 Concen: 18.966 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

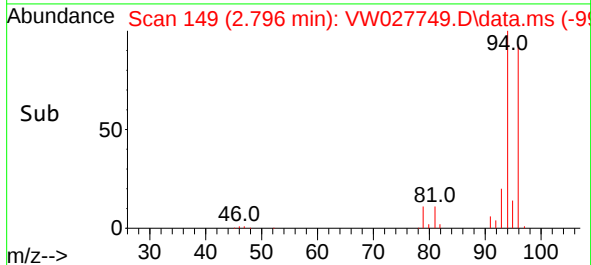
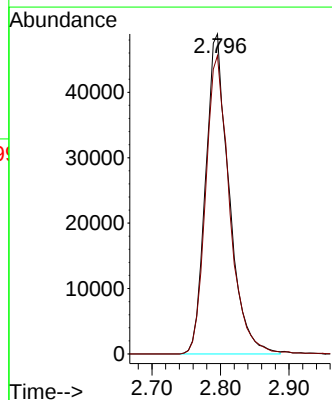
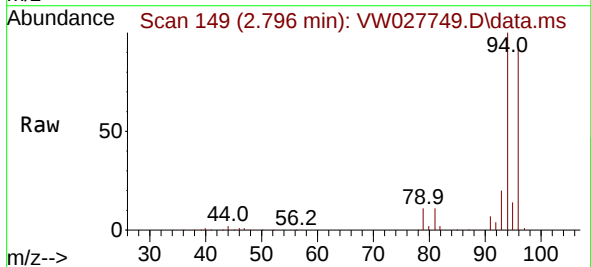
Instrument :
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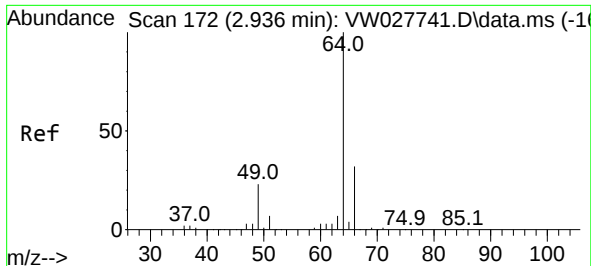
Tgt Ion: 62 Resp: 177331
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.2 41.2



#6
 Bromomethane
 Concen: 19.536 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

Tgt Ion: 94 Resp: 116269
 Ion Ratio Lower Upper
 94 100
 96 93.2 61.2 113.8

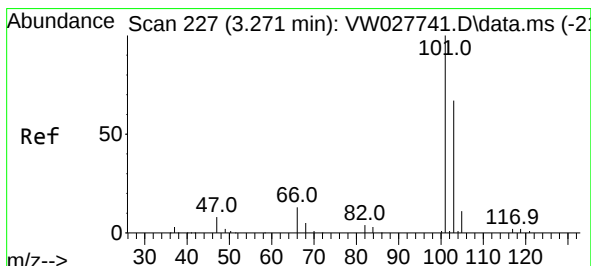
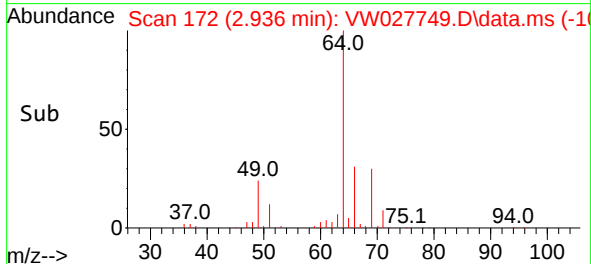
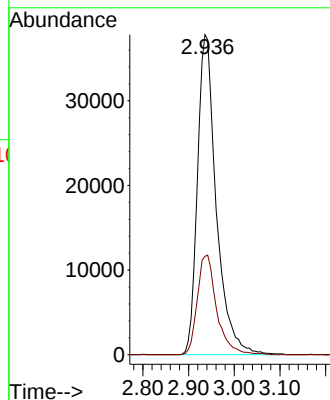
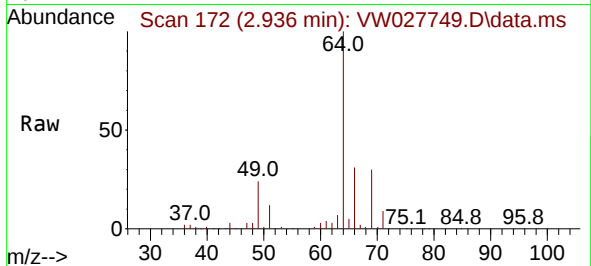




#8
Chloroethane
Concen: 19.324 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

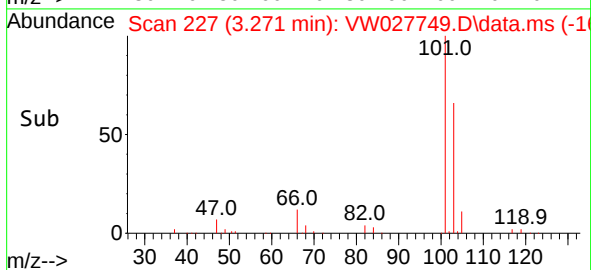
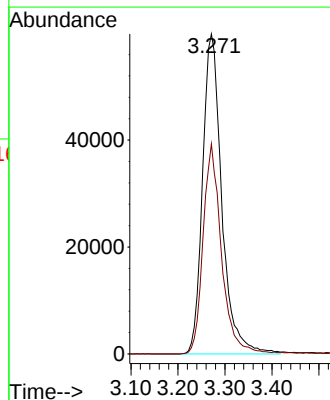
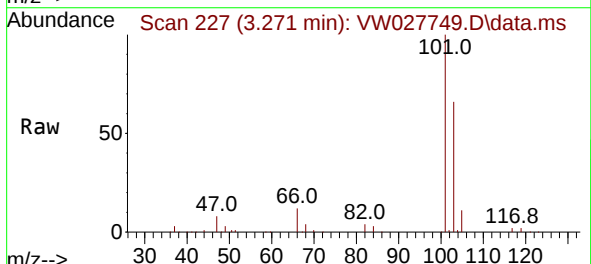
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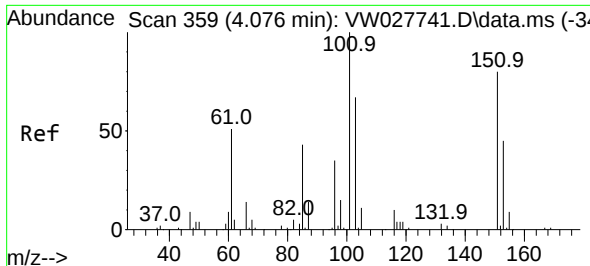
Tgt Ion: 64 Resp: 108026
Ion Ratio Lower Upper
64 100
66 30.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 20.123 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:101 Resp: 169934
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7

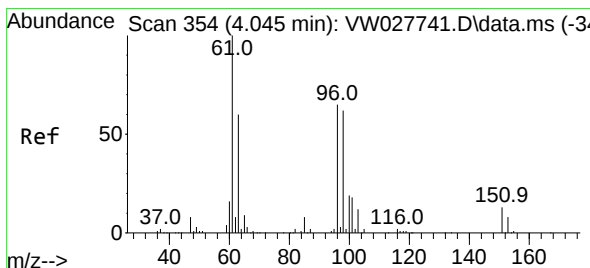
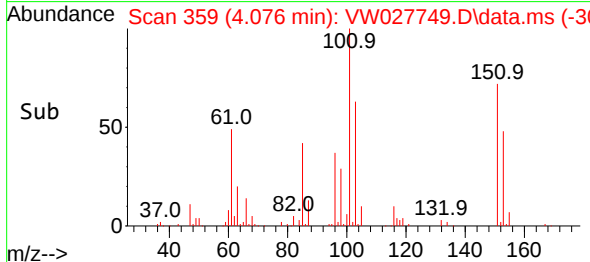
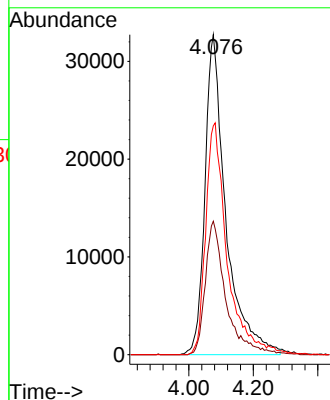
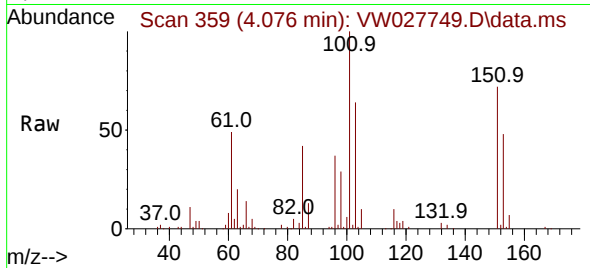




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.544 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

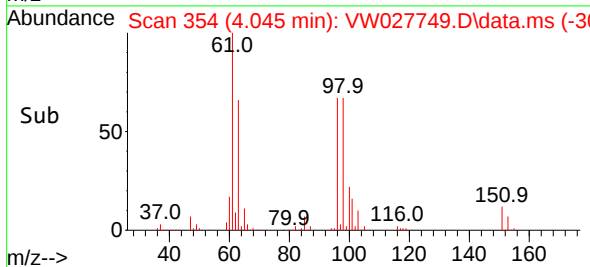
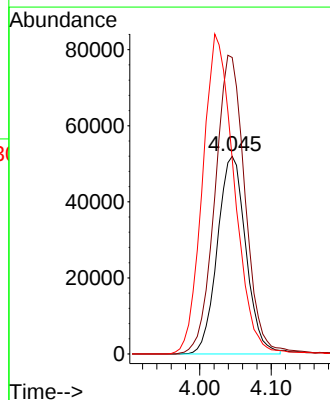
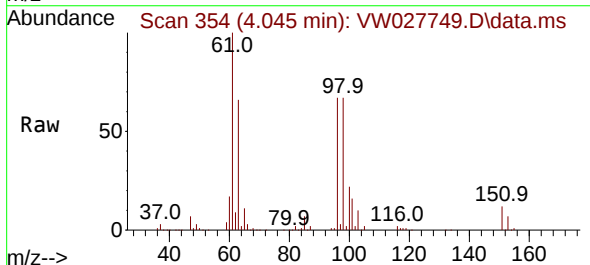
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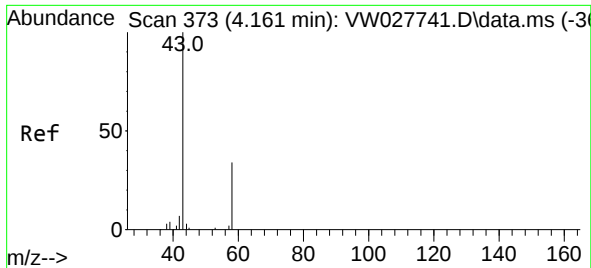
Tgt Ion:101 Resp: 147375
 Ion Ratio Lower Upper
 101 100
 85 37.0 33.0 49.4
 151 71.2 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 20.441 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

Tgt Ion: 96 Resp: 143547
 Ion Ratio Lower Upper
 96 100
 61 150.1 110.9 206.1
 63 98.8 73.6 136.6

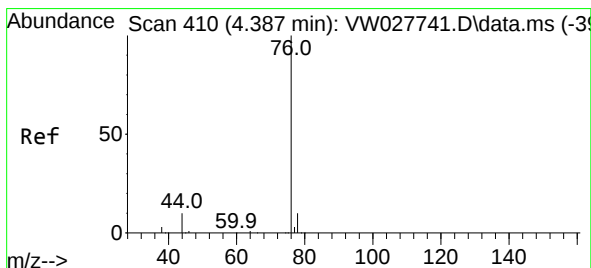
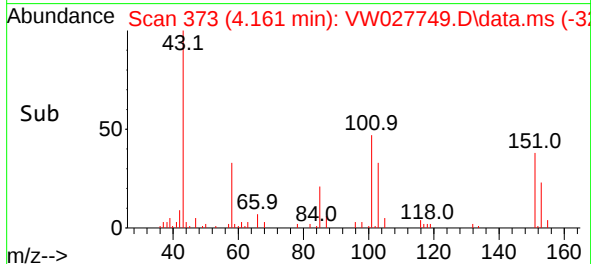
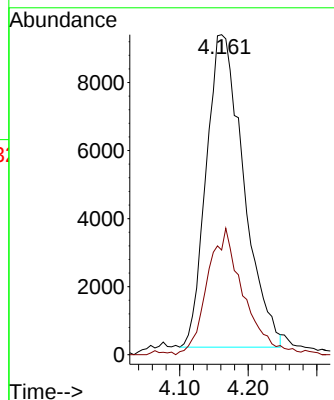
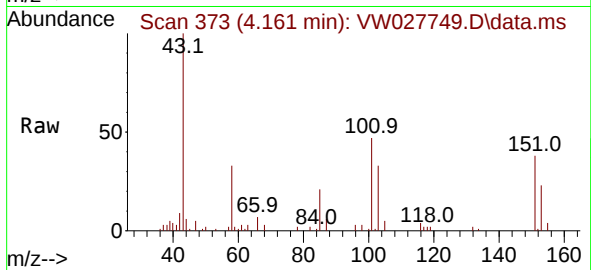




#13
Acetone
Concen: 27.759 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.024 min
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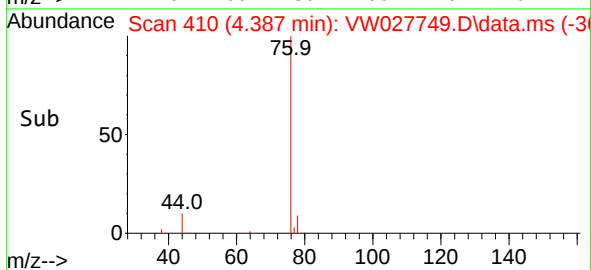
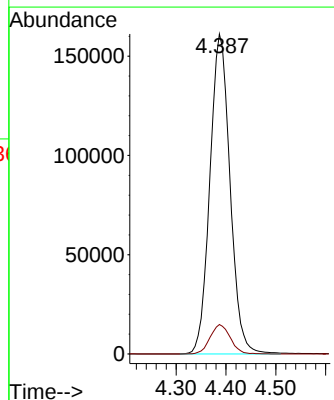
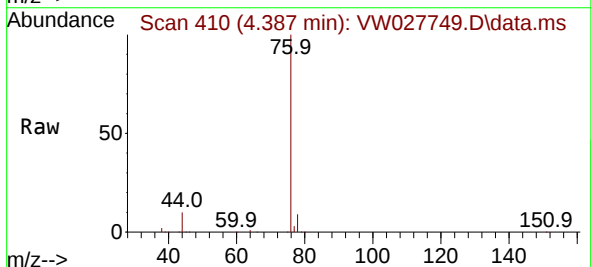
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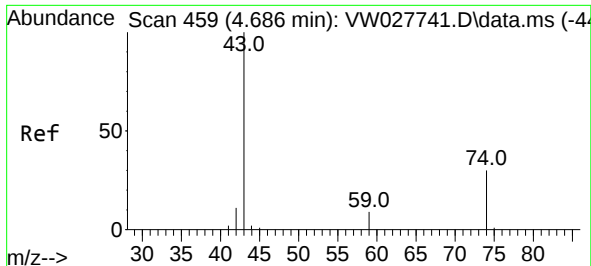
Tgt Ion: 43 Resp: 34839
Ion Ratio Lower Upper
43 100
58 21.3 0.0 68.6



#14
Carbon disulfide
Concen: 19.187 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027749.D
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Tgt Ion: 76 Resp: 452638
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

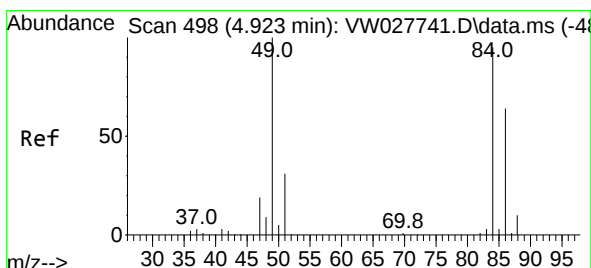
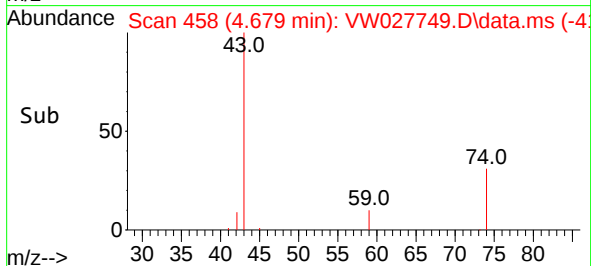
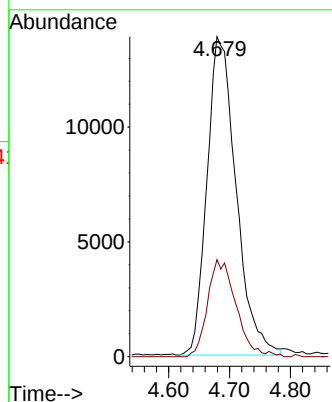
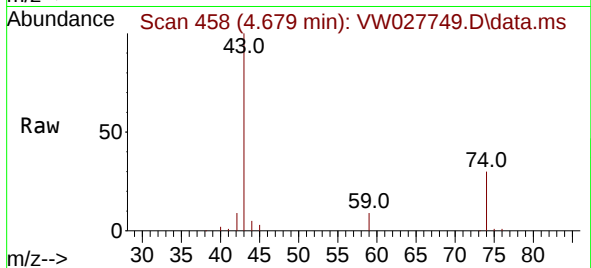




#15
Methyl Acetate
Concen: 20.306 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.018 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

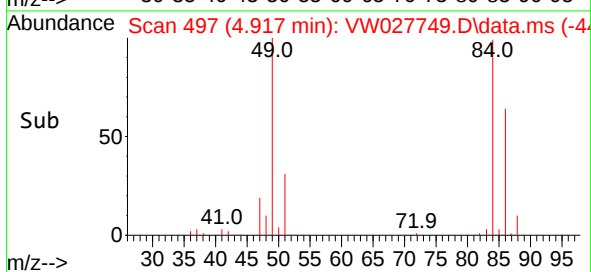
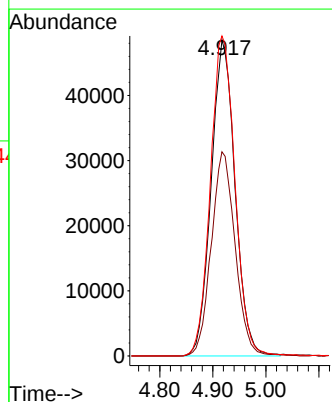
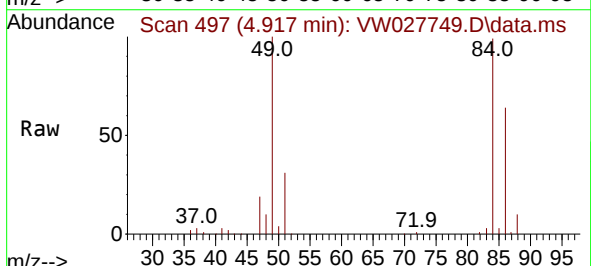
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

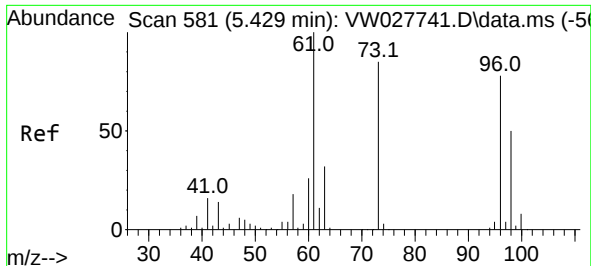
Tgt Ion: 43 Resp: 46042
Ion Ratio Lower Upper
43 100
74 29.2 22.1 33.1



#16
Methylene chloride
Concen: 16.850 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion: 84 Resp: 151467
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.2
49 101.2 76.2 141.6





#17

trans-1,2-Dichloroethene

Concen: 20.149 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Instrument :

MSVOA_W

ClientSampleId :

DCLR2MS

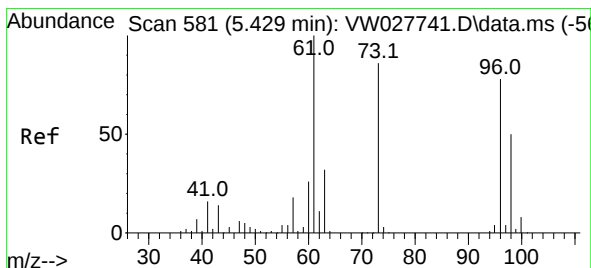
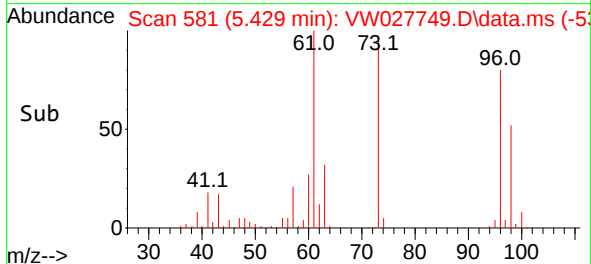
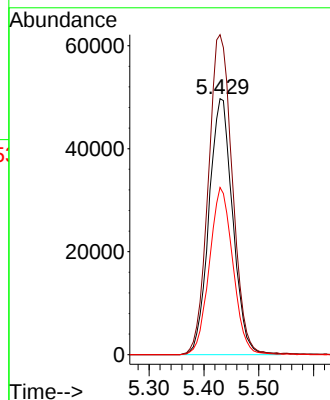
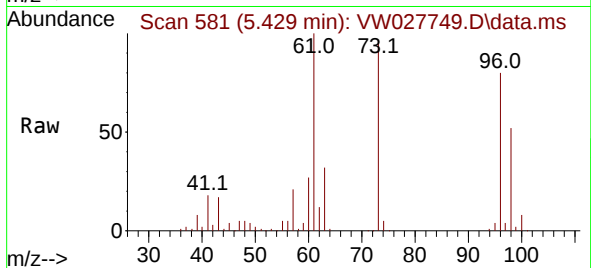
Tgt Ion: 96 Resp: 149621

Ion Ratio Lower Upper

96 100

61 125.0 88.5 164.3

98 65.3 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 21.653 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

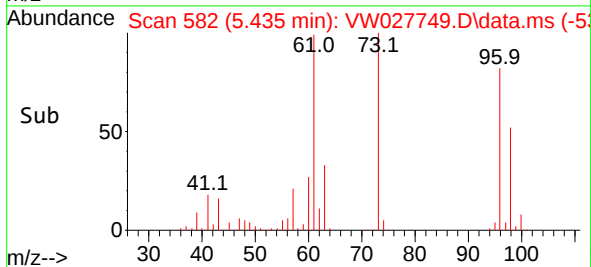
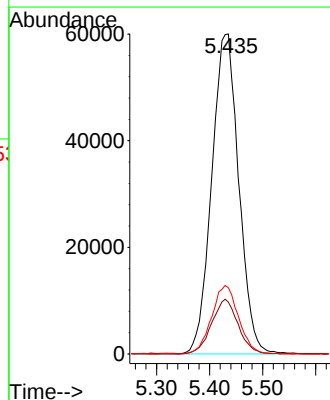
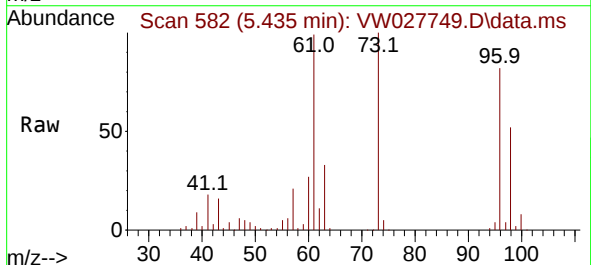
Tgt Ion: 73 Resp: 212580

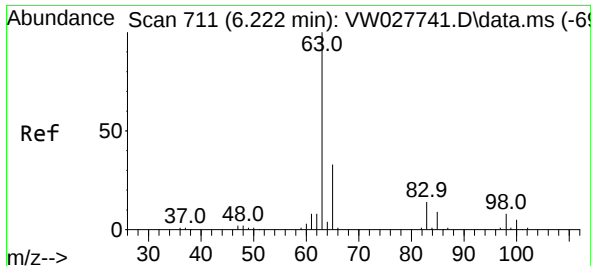
Ion Ratio Lower Upper

73 100

43 16.8 13.5 20.3

57 21.2 17.4 26.0

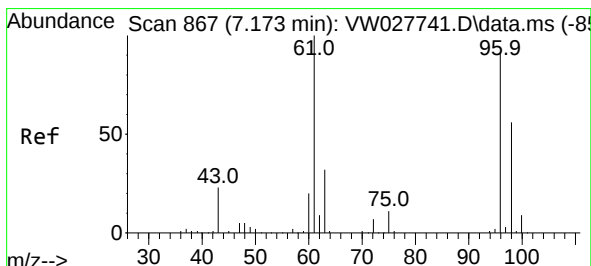
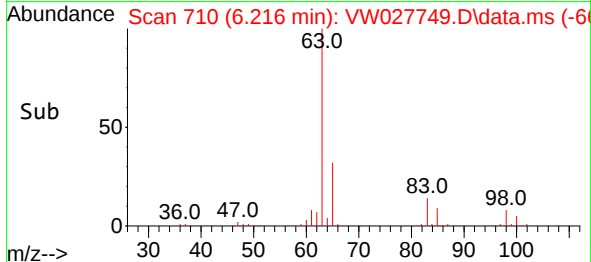
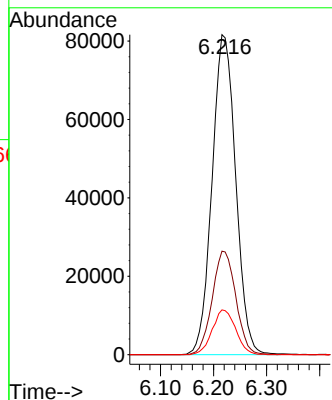
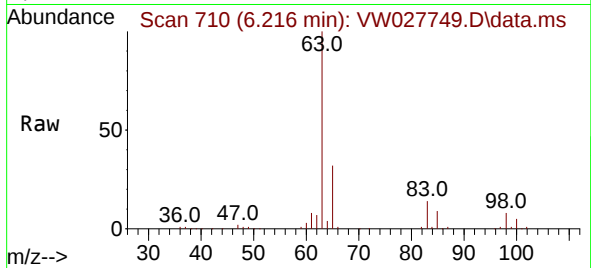




#19
 1,1-Dichloroethane
 Concen: 20.041 ug/L
 RT: 6.216 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

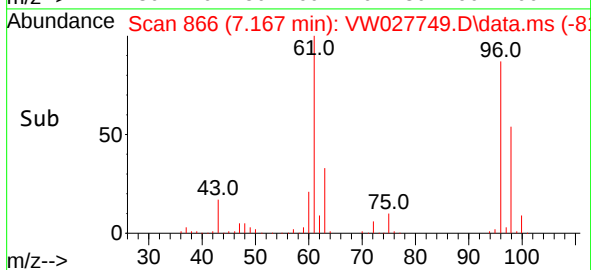
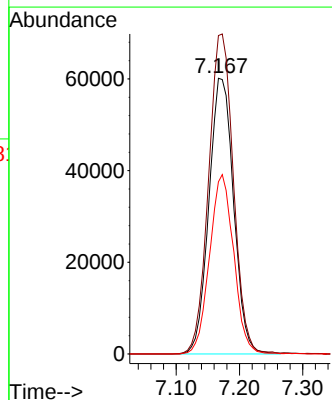
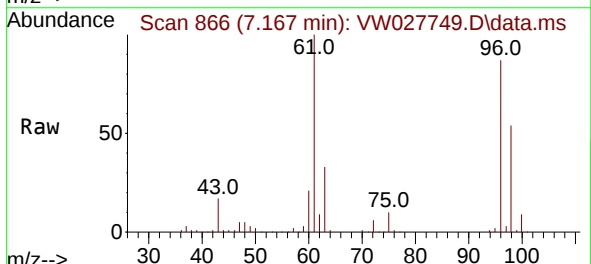
Instrument :
 MSVOA_W
 ClientSampleId :
 DCLR2MS

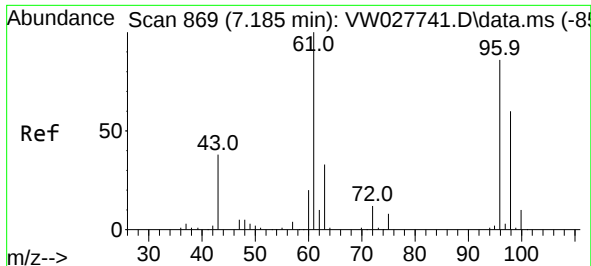
Tgt Ion: 63 Resp: 253062
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.0 42.8
 83 14.0 9.6 17.8



#20
 cis-1,2-Dichloroethene
 Concen: 20.886 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

Tgt Ion: 96 Resp: 163261
 Ion Ratio Lower Upper
 96 100
 61 115.5 83.5 155.1
 98 62.4 46.5 86.5

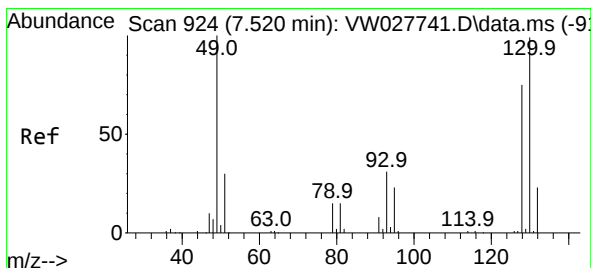
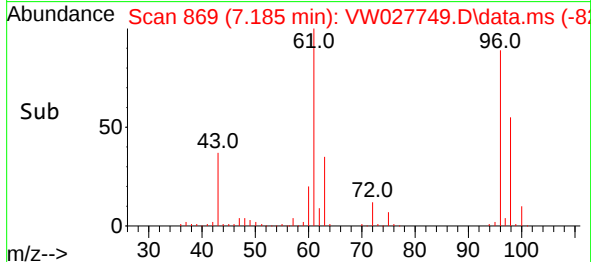
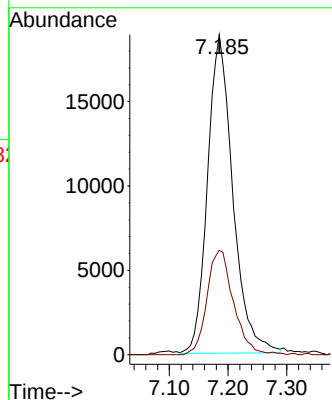
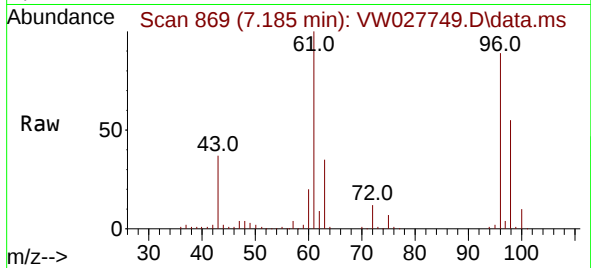




#22
2-Butanone
Concen: 33.845 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.012 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

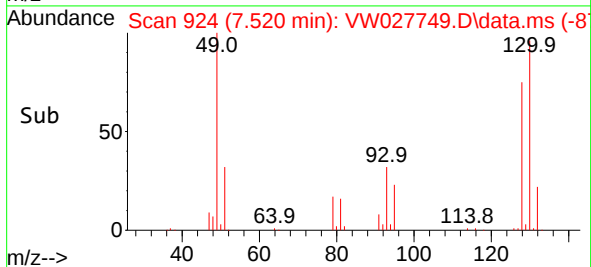
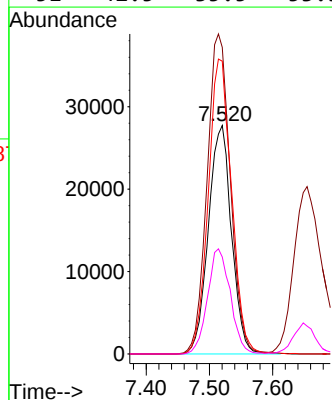
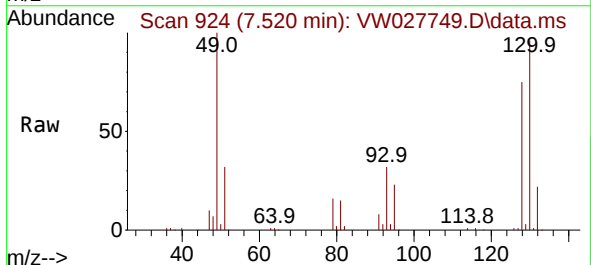
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

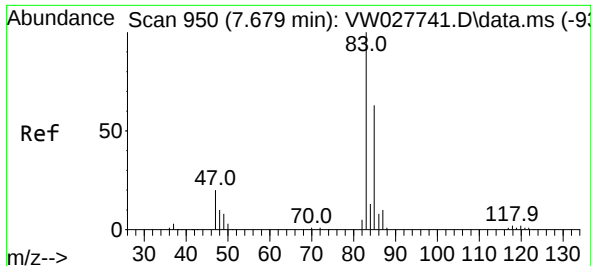
Tgt Ion: 43 Resp: 56406
Ion Ratio Lower Upper
43 100
72 34.1 16.1 48.2



#23
Bromochloromethane
Concen: 21.349 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion: 128 Resp: 70469
Ion Ratio Lower Upper
128 100
49 134.2 94.1 174.7
130 128.2 86.2 160.0
51 42.5 35.5 53.3

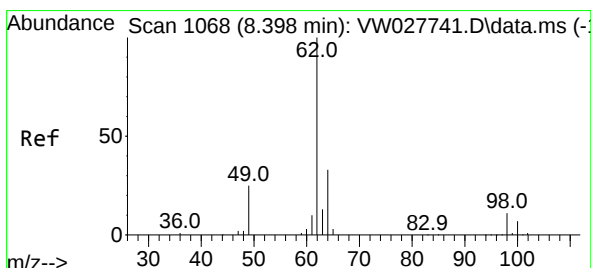
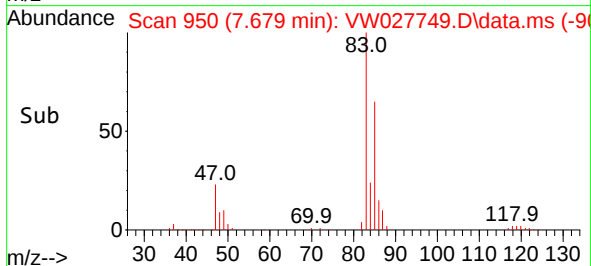
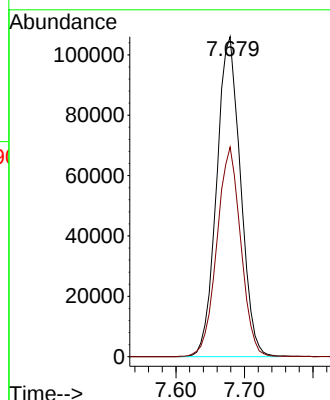
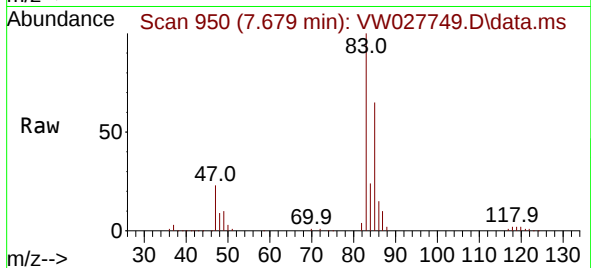




#25
Chloroform
Concen: 20.612 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

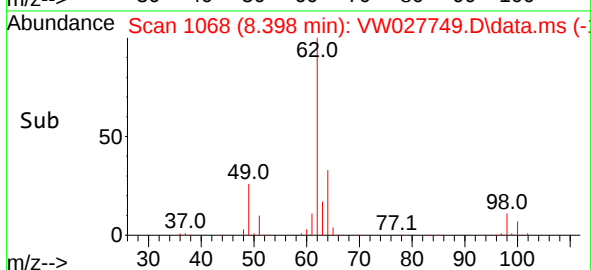
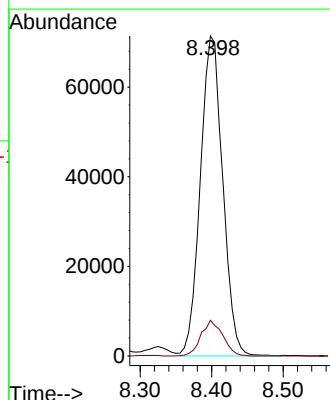
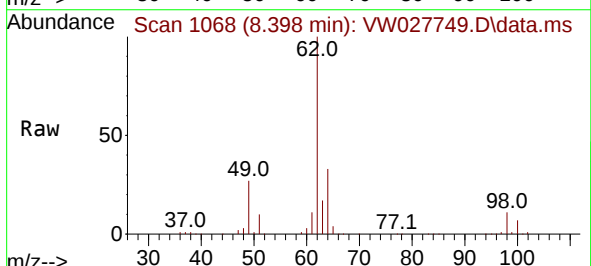
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

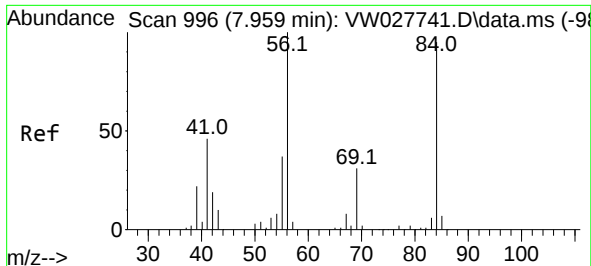
Tgt Ion: 83 Resp: 256331
Ion Ratio Lower Upper
83 100
85 65.5 46.9 87.1



#27
1,2-Dichloroethane
Concen: 21.330 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion: 62 Resp: 155515
Ion Ratio Lower Upper
62 100
98 11.1 8.1 12.1





#29

Cyclohexane

Concen: 18.897 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Instrument :

MSVOA_W

ClientSampleId :

DCLR2MS

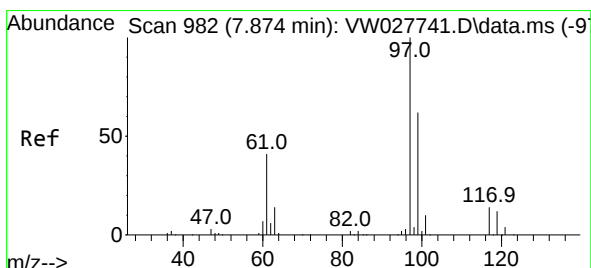
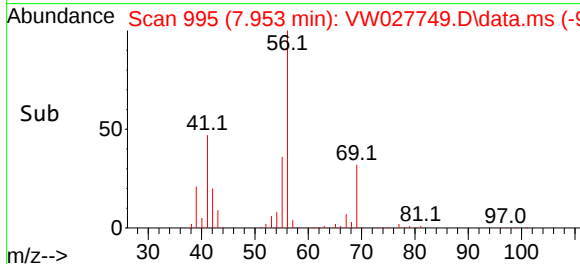
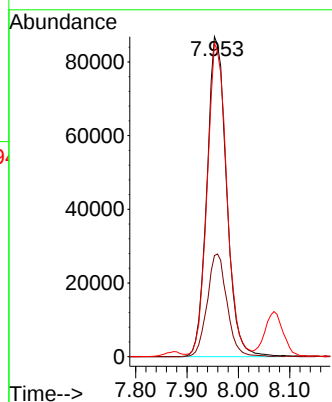
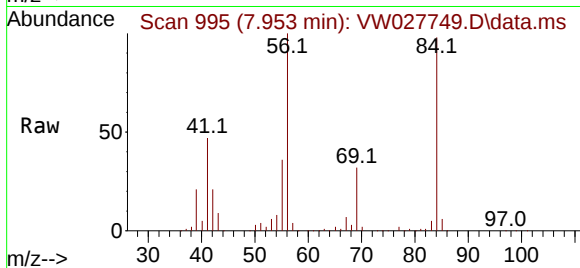
Tgt Ion: 56 Resp: 231309

Ion Ratio Lower Upper

56 100

69 32.3 25.7 38.5

84 97.6 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 19.880 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

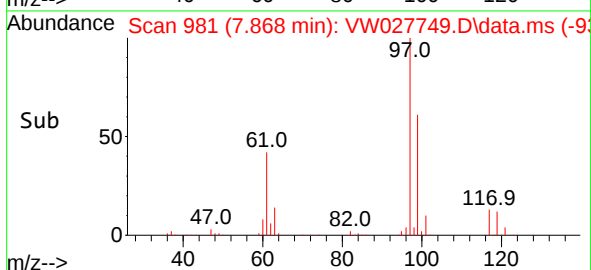
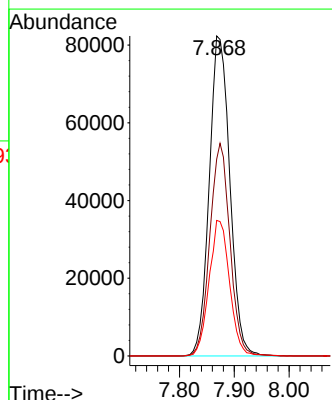
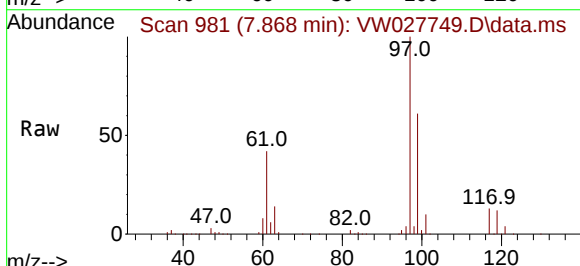
Tgt Ion: 97 Resp: 214836

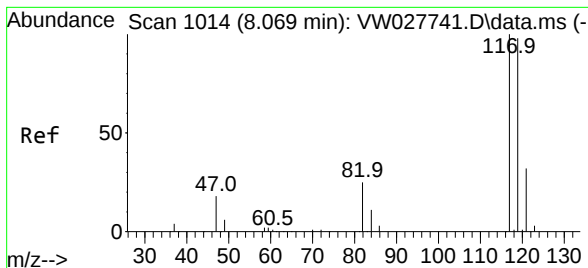
Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 42.1 34.2 51.4

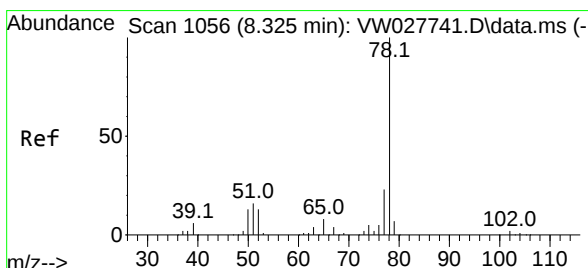
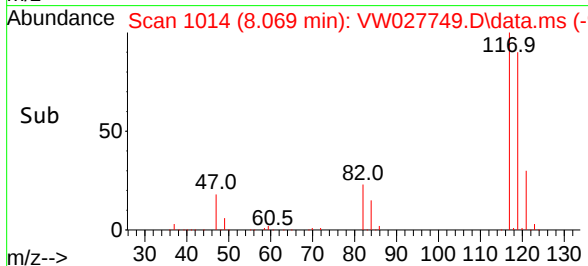
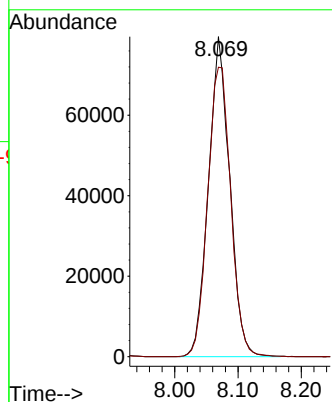
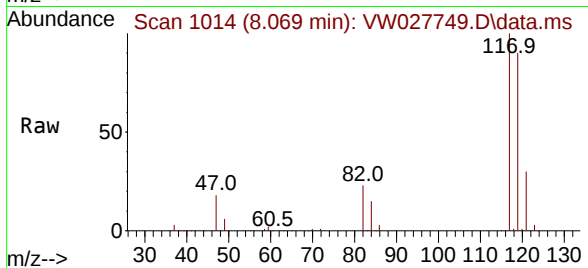




#31
Carbon tetrachloride
Concen: 19.549 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

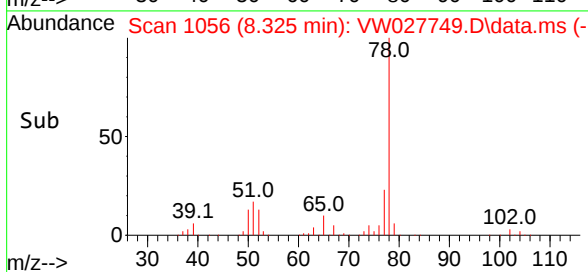
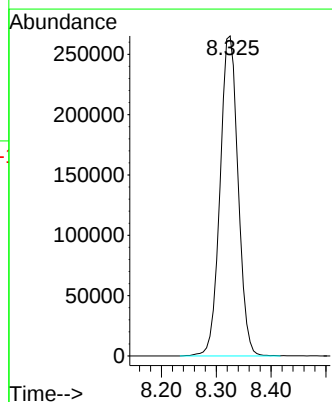
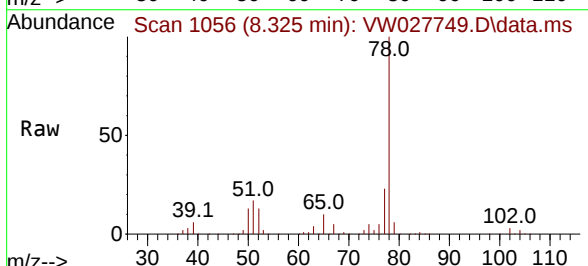
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

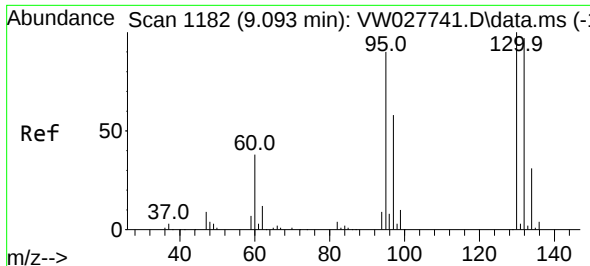
Tgt Ion:117 Resp: 185911
Ion Ratio Lower Upper
117 100
119 98.2 74.6 112.0



#33
Benzene
Concen: 20.247 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion: 78 Resp: 607183



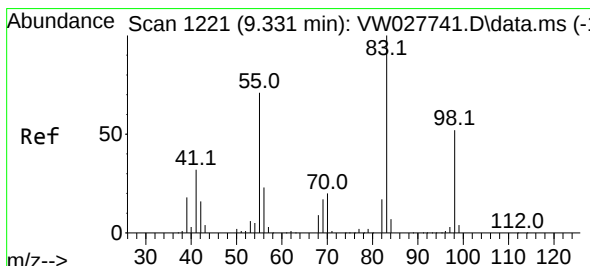
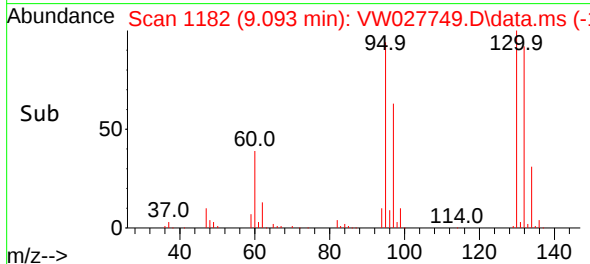
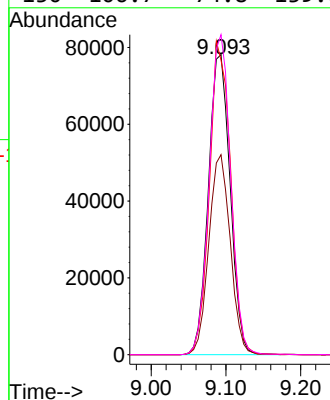
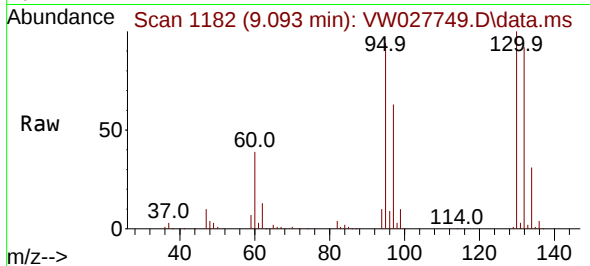


#34
Trichloroethene
Concen: 19.361 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

Tgt Ion: 95 Resp: 158271

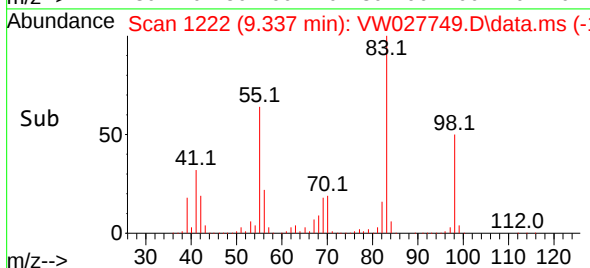
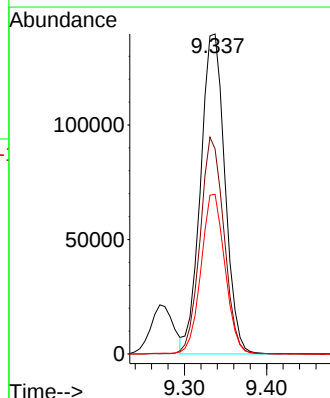
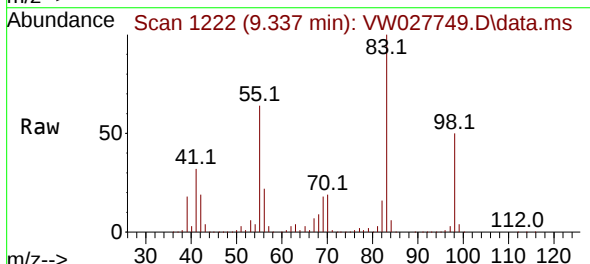
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.9	85.3
132	98.2	70.4	130.8
130	106.7	74.8	139.0

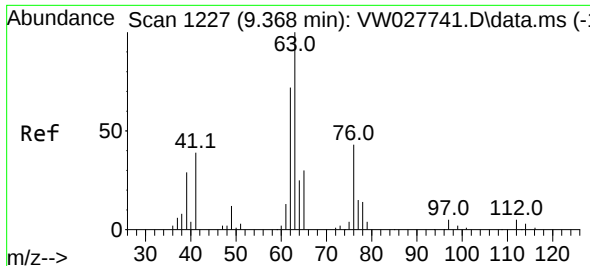


#35
Methylcyclohexane
Concen: 19.538 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion: 83 Resp: 288065

Ion	Ratio	Lower	Upper
83	100		
55	66.2	55.1	82.7
98	49.3	39.3	58.9





#37

1,2-Dichloropropane

Concen: 19.985 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Instrument :

MSVOA_W

ClientSampleId :

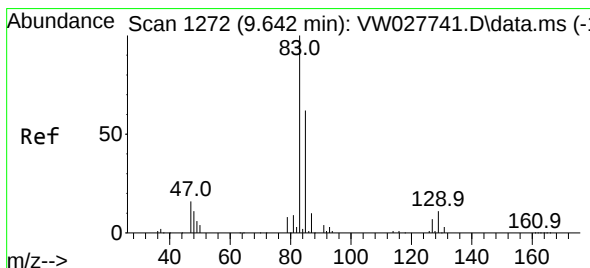
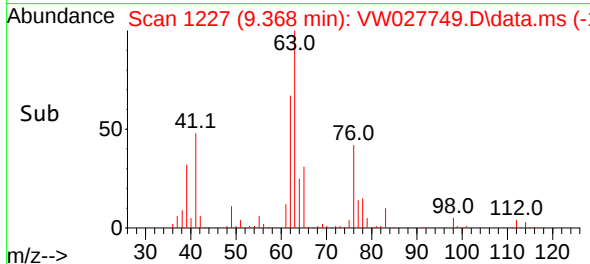
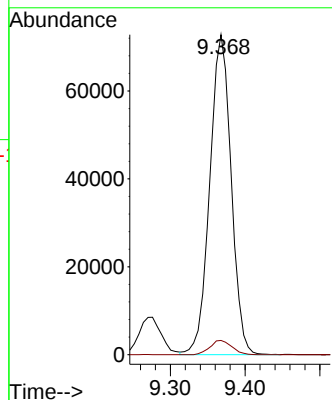
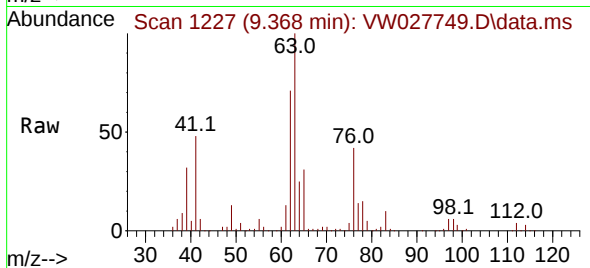
DCLR2MS

Tgt Ion: 63 Resp: 144676

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 20.334 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

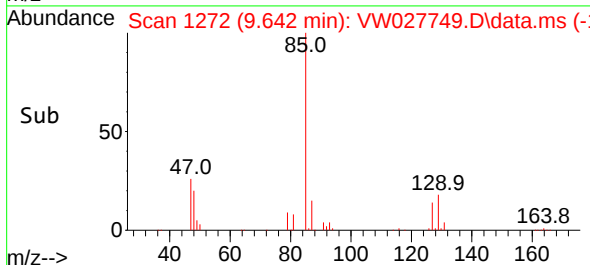
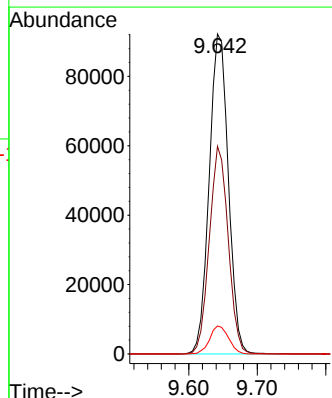
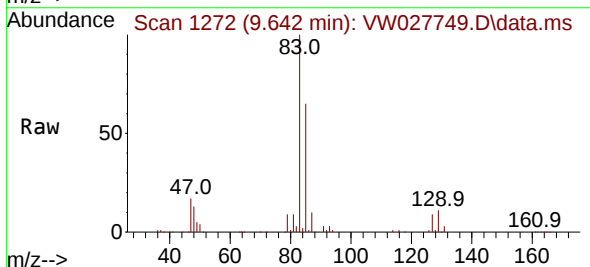
Tgt Ion: 83 Resp: 178915

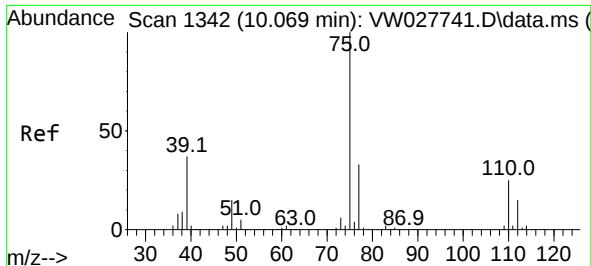
Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1

127 8.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 21.034 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Instrument :

MSVOA_W

ClientSampleId :

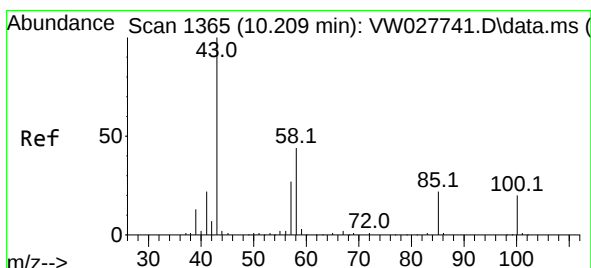
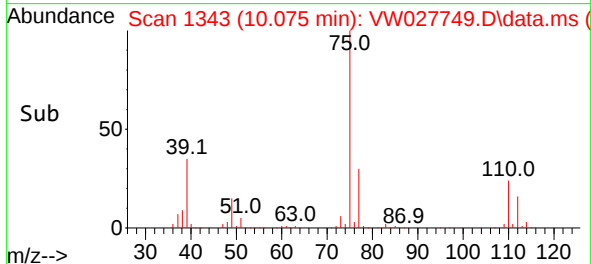
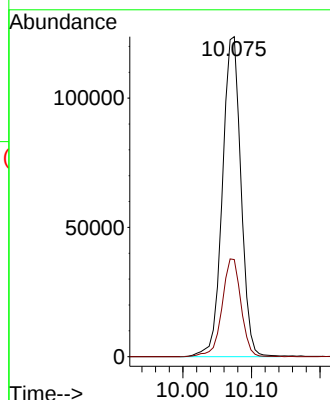
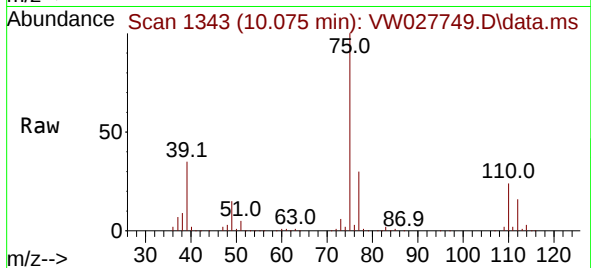
DCLR2MS

Tgt Ion: 75 Resp: 232084

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.890 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

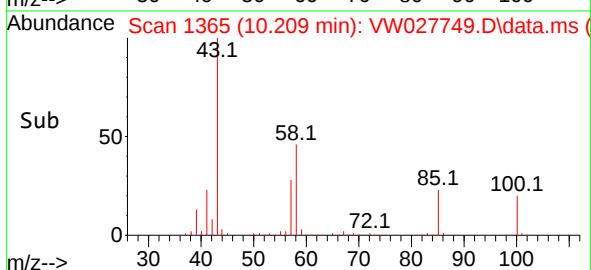
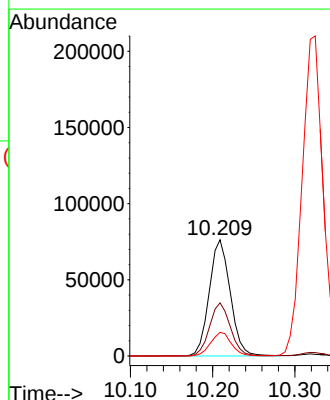
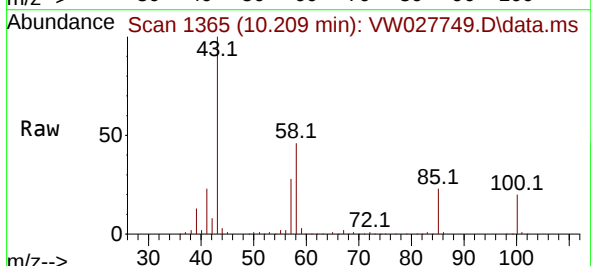
Tgt Ion: 43 Resp: 135706

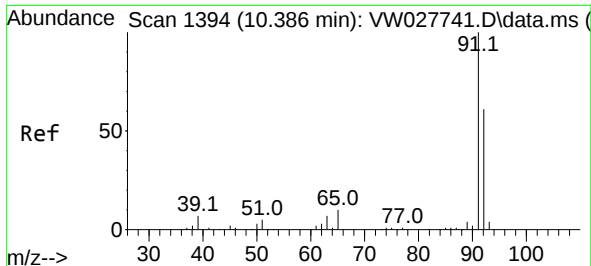
Ion Ratio Lower Upper

43 100

58 45.2 36.1 54.1

100 20.1 15.8 23.8

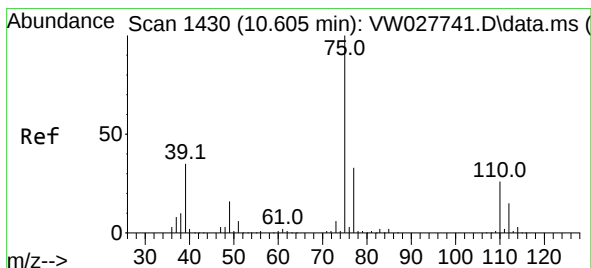
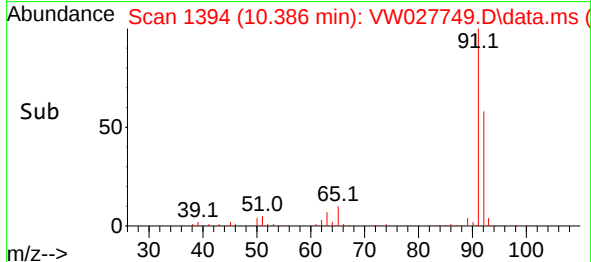
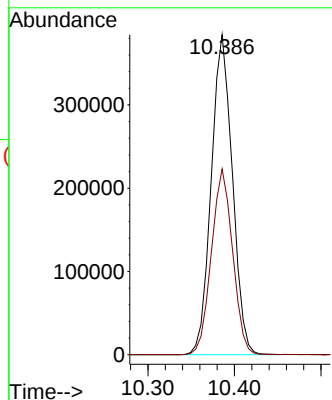
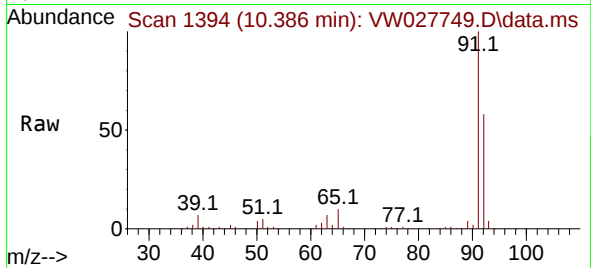




#42
Toluene
Concen: 20.188 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

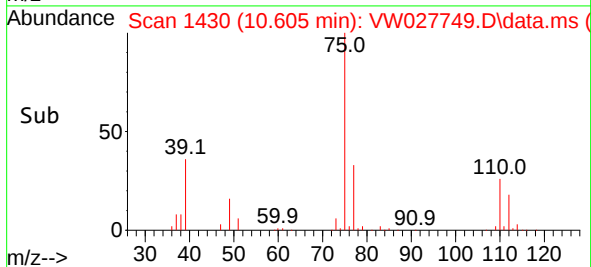
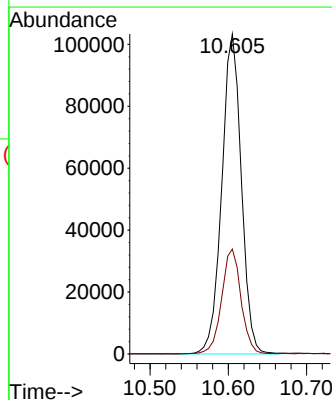
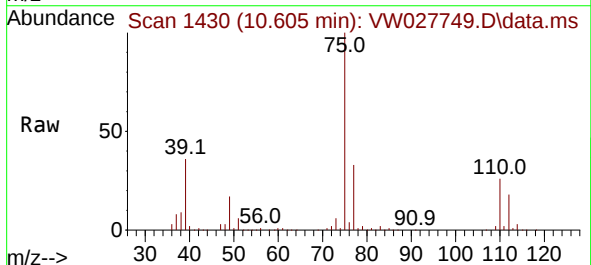
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

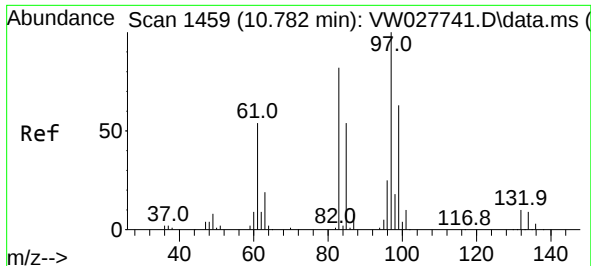
Tgt Ion: 91 Resp: 651427
Ion Ratio Lower Upper
91 100
92 58.0 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 20.658 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion: 75 Resp: 179496
Ion Ratio Lower Upper
75 100
77 32.8 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 20.930 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Instrument :

MSVOA_W

ClientSampleId :

DCLR2MS

Tgt Ion: 97 Resp: 112175

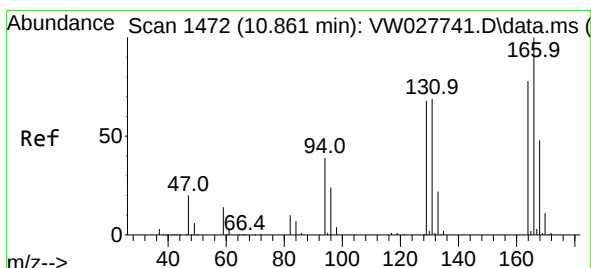
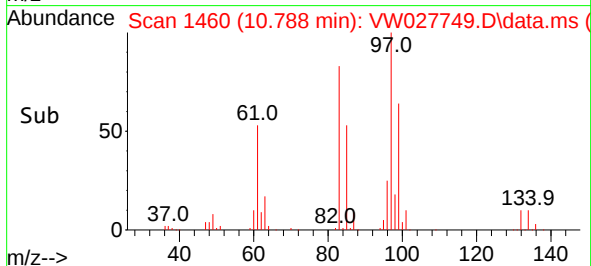
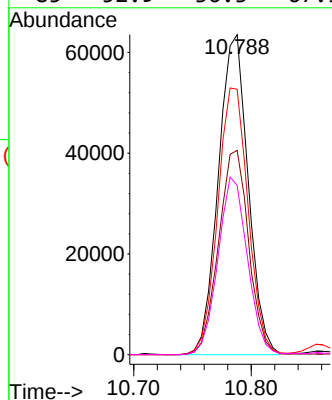
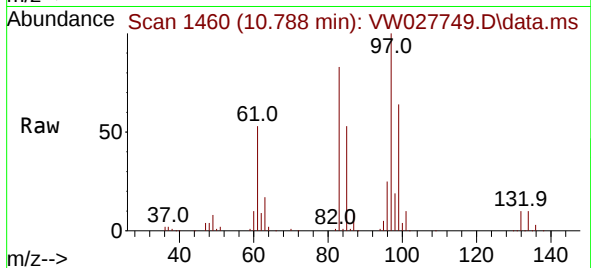
Ion Ratio Lower Upper

97 100

99 63.9 43.4 80.6

83 83.0 59.0 109.6

85 52.9 36.3 67.5



#46

Tetrachloroethene

Concen: 18.975 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Tgt Ion:164 Resp: 123858

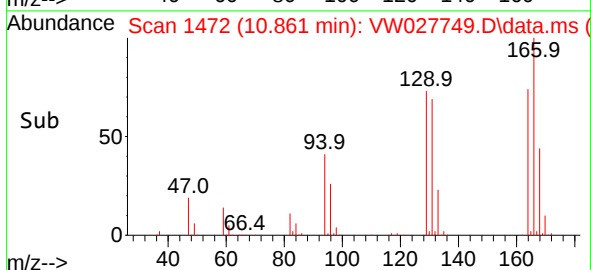
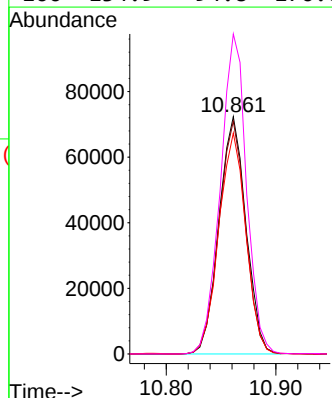
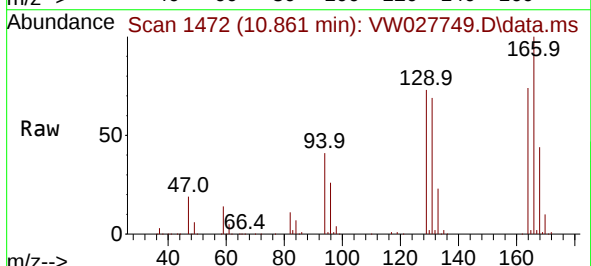
Ion Ratio Lower Upper

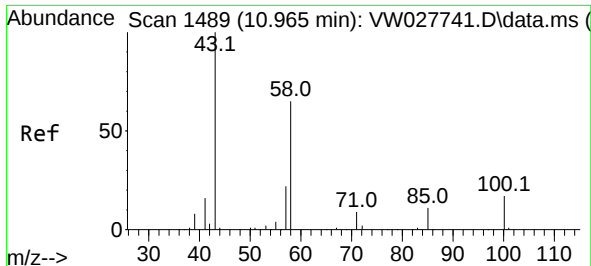
164 100

129 98.1 70.5 130.9

131 93.1 64.8 120.3

166 134.9 94.8 176.0

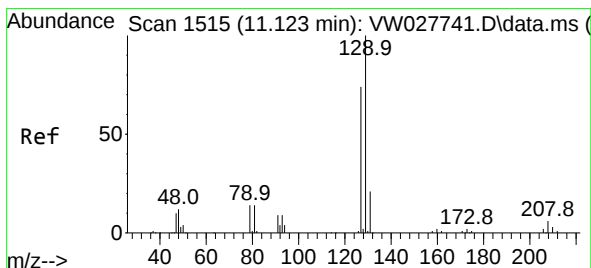
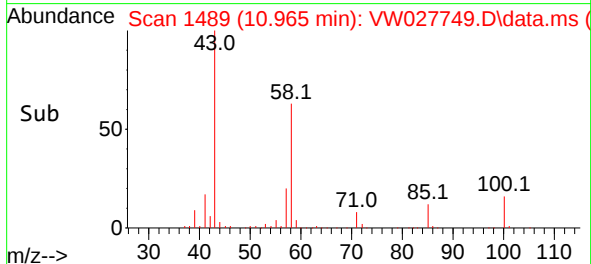
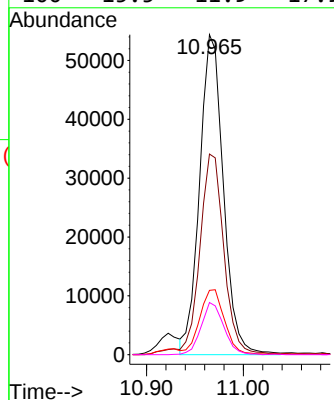
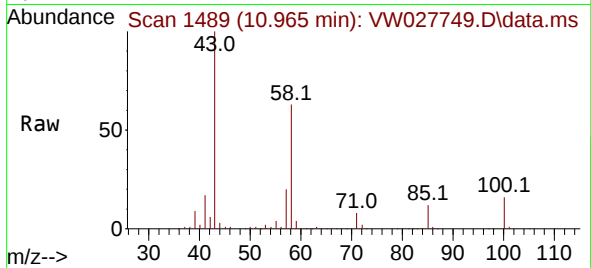




#48
2-Hexanone
Concen: 39.593 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

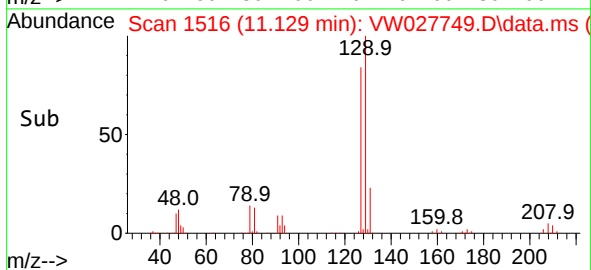
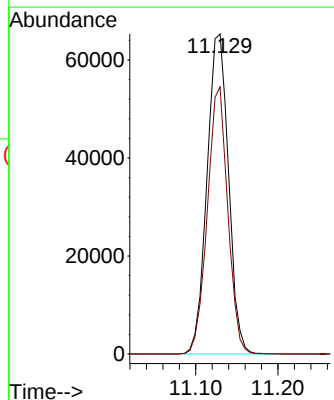
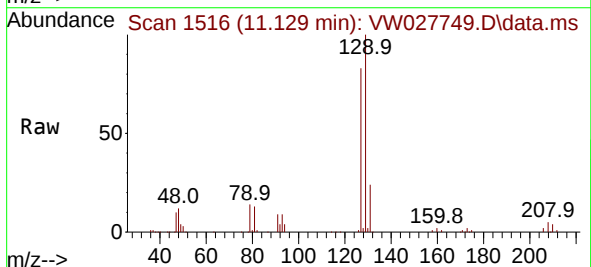
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

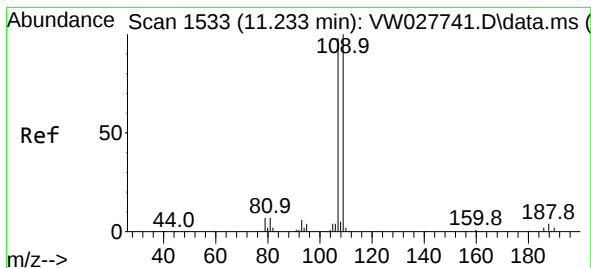
Tgt Ion:	43	Resp:	93244
Ion	Ratio	Lower	Upper
43	100		
58	62.7	50.4	75.6
57	21.3	17.0	25.6
100	15.5	11.9	17.9



#49
Dibromochloromethane
Concen: 21.150 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:	129	Resp:	118560
Ion	Ratio	Lower	Upper
129	100		
127	83.5	55.4	102.8

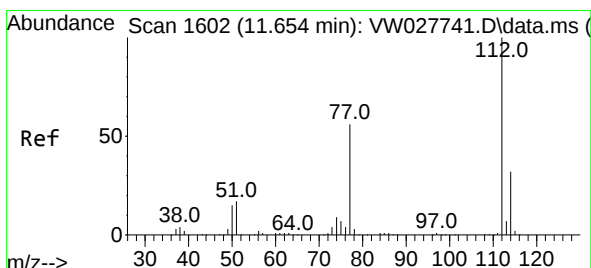
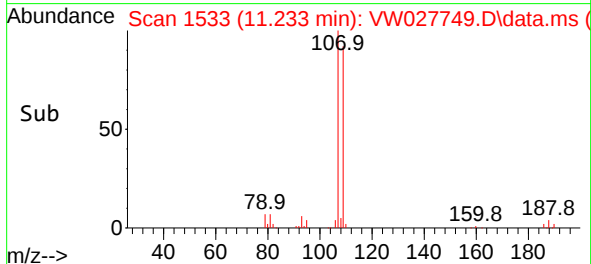
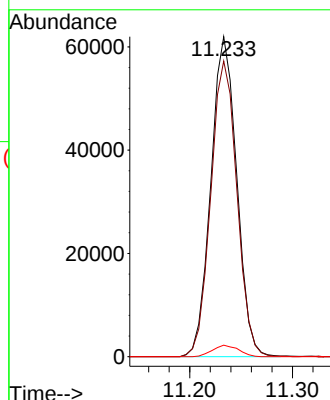
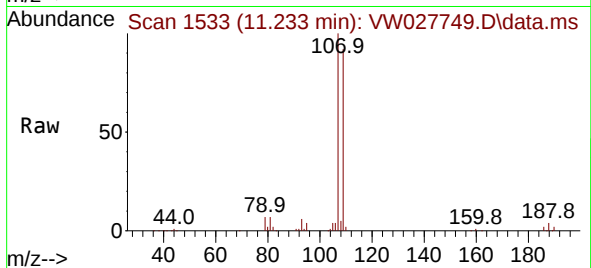




#50
1,2-Dibromoethane
Concen: 21.220 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

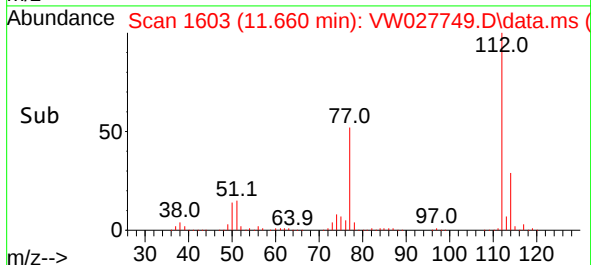
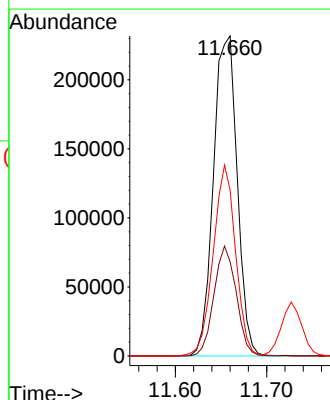
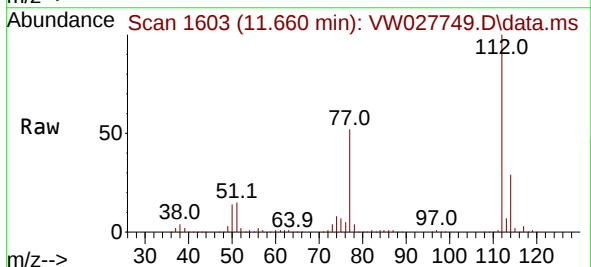
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

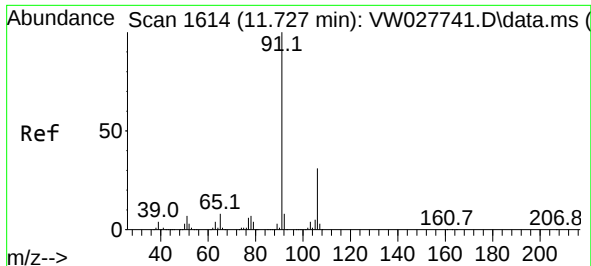
Tgt Ion:107 Resp: 108080
Ion Ratio Lower Upper
107 100
109 92.4 72.1 133.9
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 20.329 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:112 Resp: 419100
Ion Ratio Lower Upper
112 100
114 29.4 25.0 46.4
77 51.8 48.1 72.1

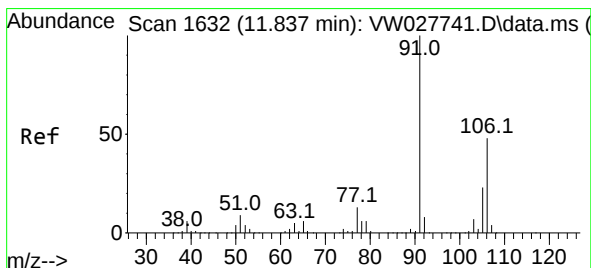
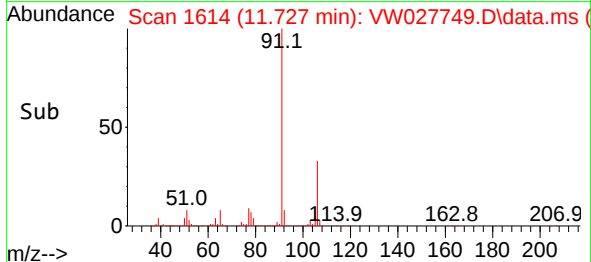
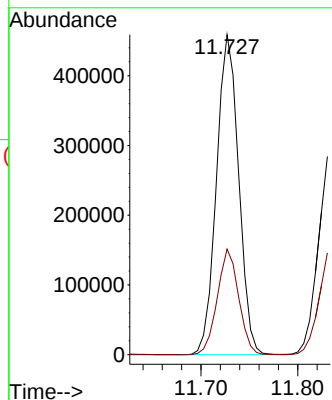
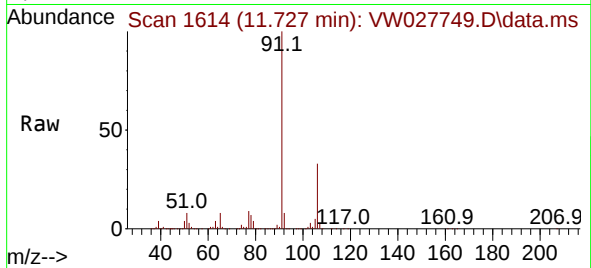




#52
Ethylbenzene
Concen: 20.094 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

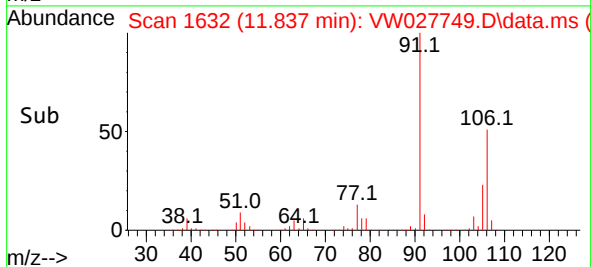
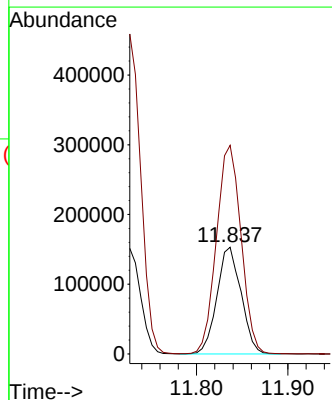
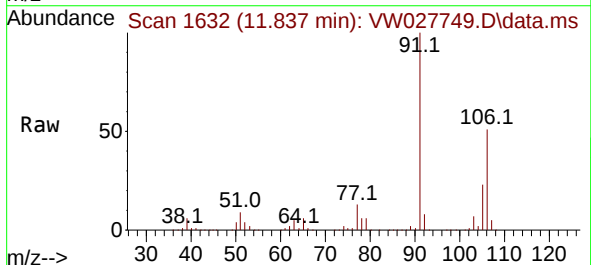
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

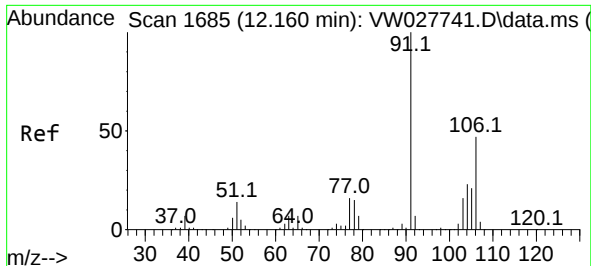
Tgt Ion: 91 Resp: 730615
Ion Ratio Lower Upper
91 100
106 33.0 23.7 44.1



#53
m,p-Xylene
Concen: 20.112 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:106 Resp: 280889
Ion Ratio Lower Upper
106 100
91 195.4 135.7 251.9

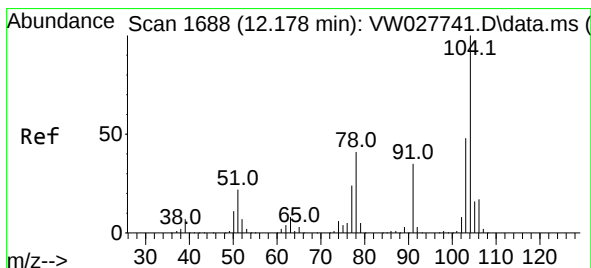
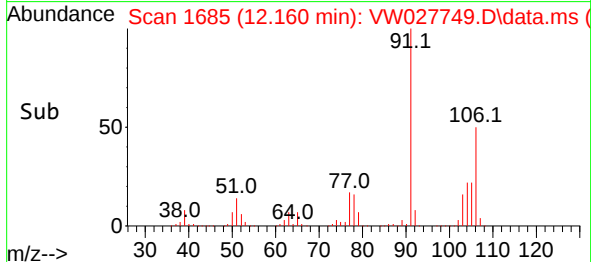
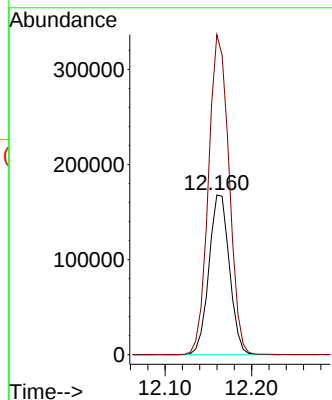
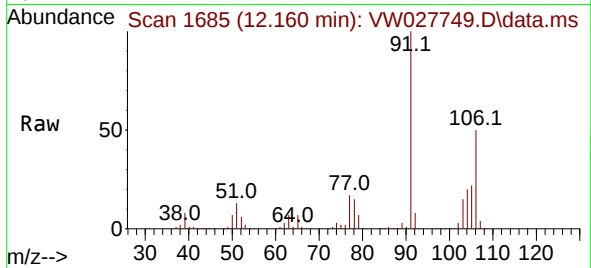




#54
o-Xylene
Concen: 21.242 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

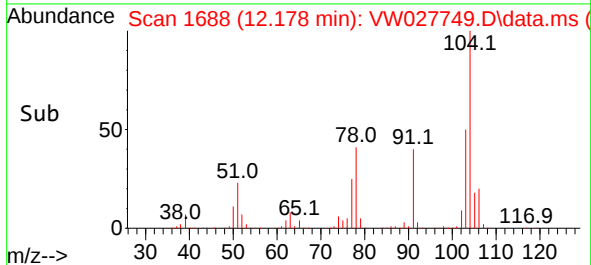
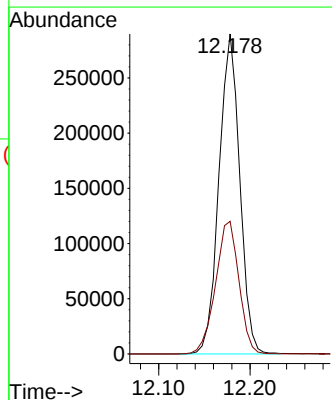
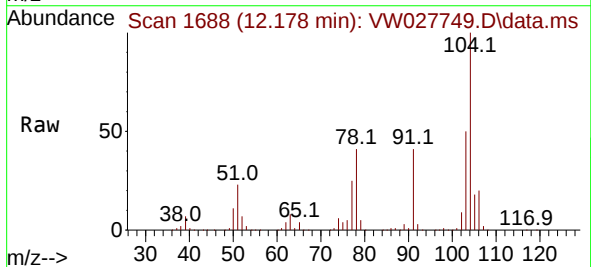
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

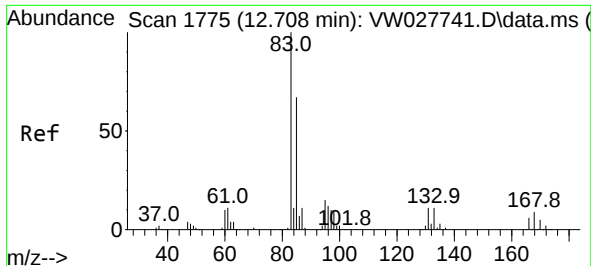
Tgt Ion:106 Resp: 276252
Ion Ratio Lower Upper
106 100
91 200.3 149.9 278.3



#55
Styrene
Concen: 20.878 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:104 Resp: 457715
Ion Ratio Lower Upper
104 100
78 41.4 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.149 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Instrument :

MSVOA_W

ClientSampleId :

DCLR2MS

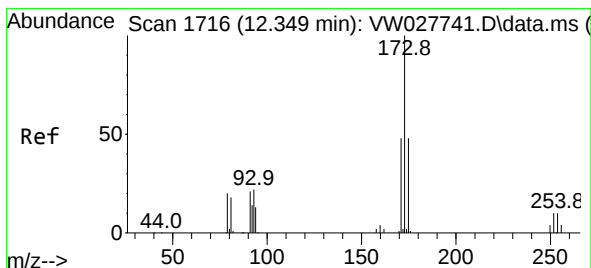
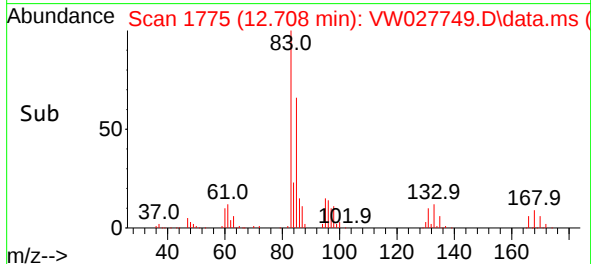
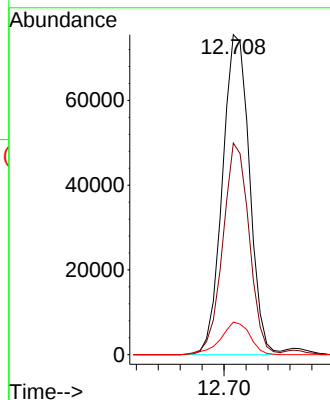
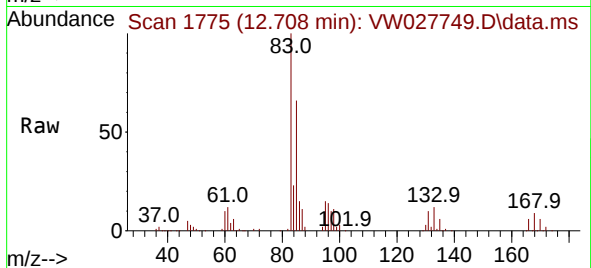
Tgt Ion: 83 Resp: 129209

Ion Ratio Lower Upper

83 100

85 66.2 45.8 85.2

131 10.2 7.0 10.6



#59

Bromoform

Concen: 20.124 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

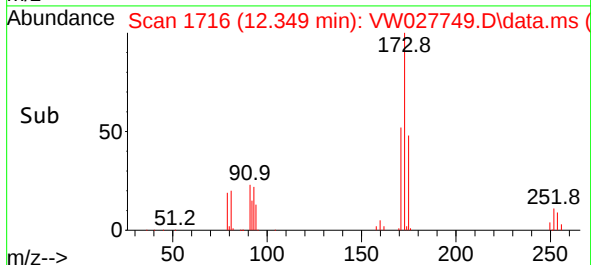
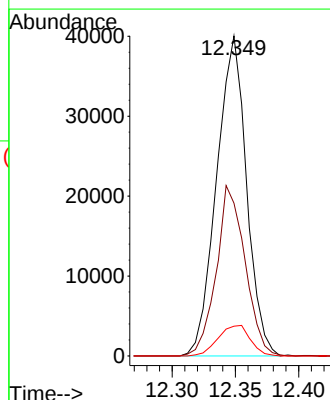
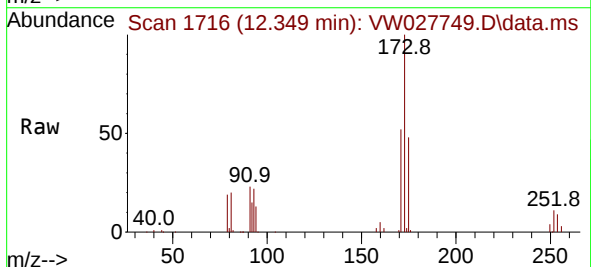
Tgt Ion:173 Resp: 65878

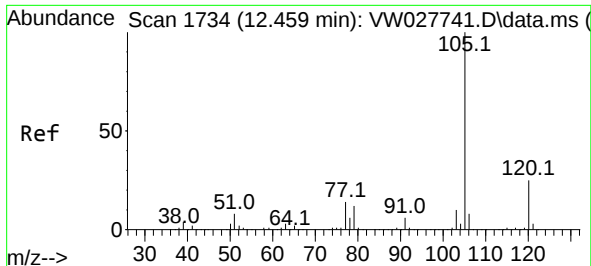
Ion Ratio Lower Upper

173 100

175 51.1 36.3 54.5

254 10.3 7.5 11.3

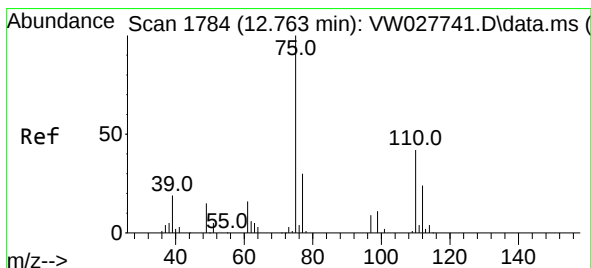
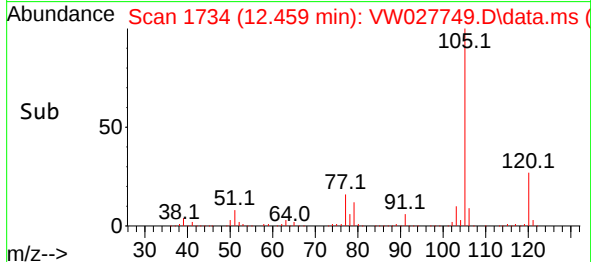
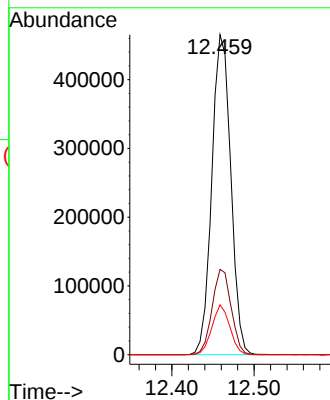
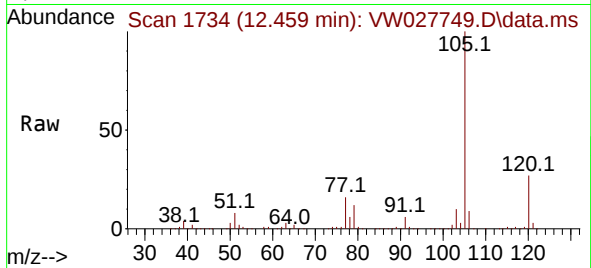




#60
Isopropylbenzene
Concen: 19.750 ug/L
RT: 12.459 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

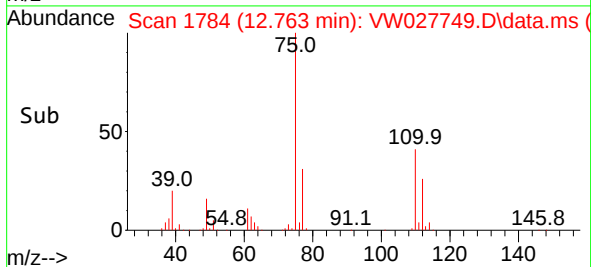
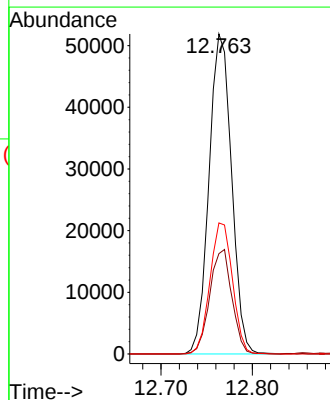
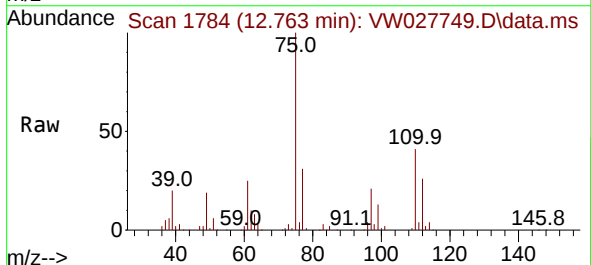
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

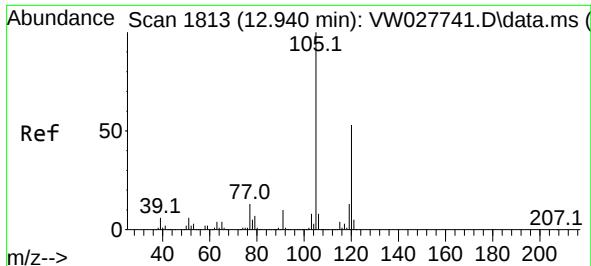
Tgt Ion:105 Resp: 745475
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 19.993 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion: 75 Resp: 89114
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4
110 40.9 32.2 48.2

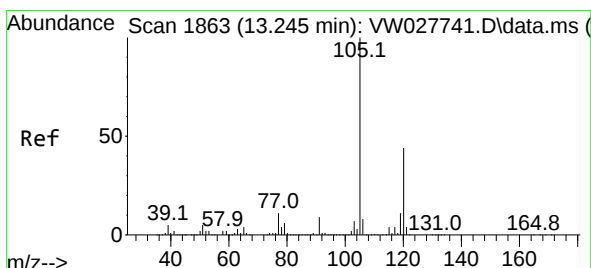
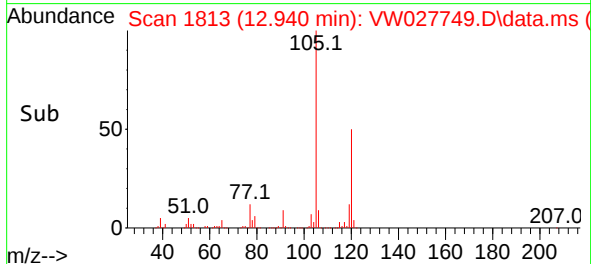
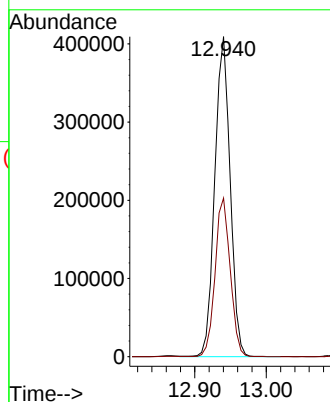
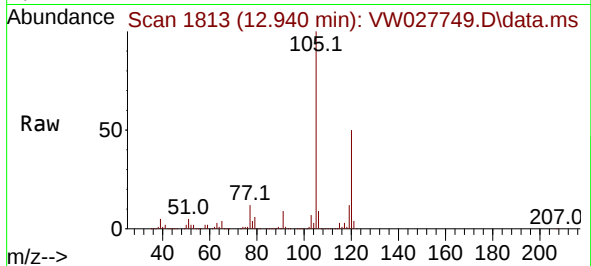




#62
1,3,5-Trimethylbenzene
Concen: 20.217 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

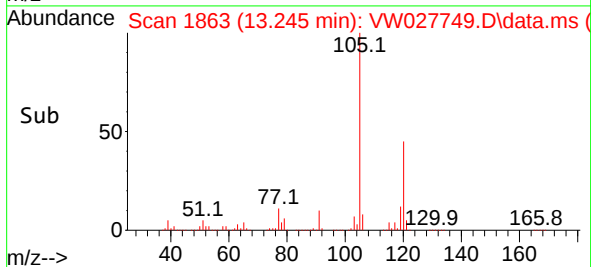
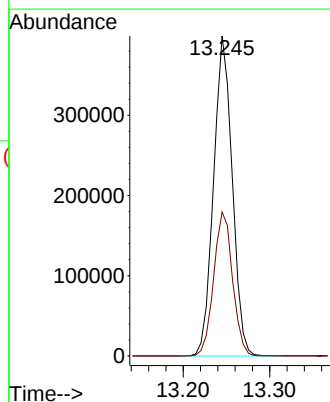
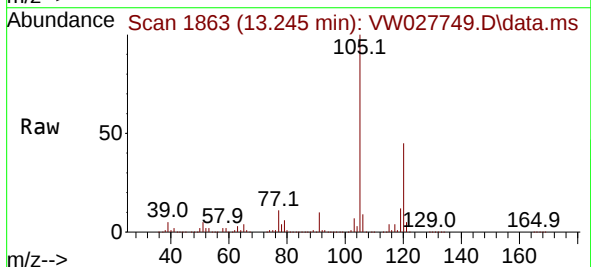
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

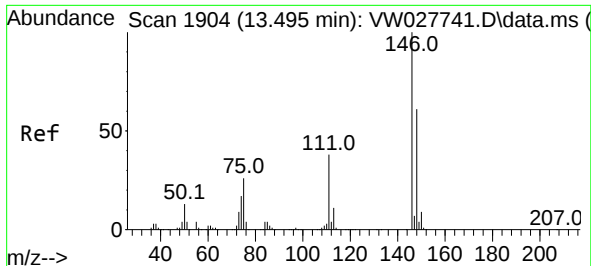
Tgt Ion:105 Resp: 610002
Ion Ratio Lower Upper
105 100
120 48.8 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 20.102 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:105 Resp: 597056
Ion Ratio Lower Upper
105 100
120 45.4 36.4 54.6

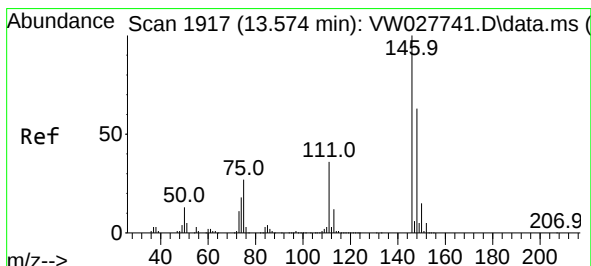
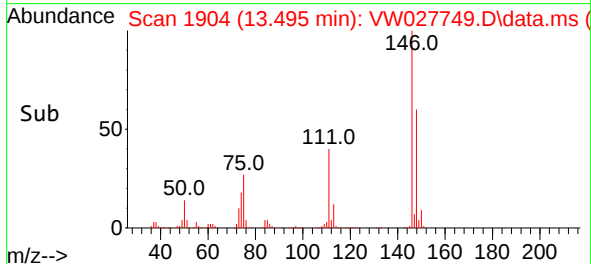
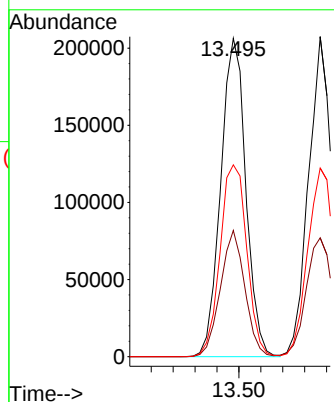
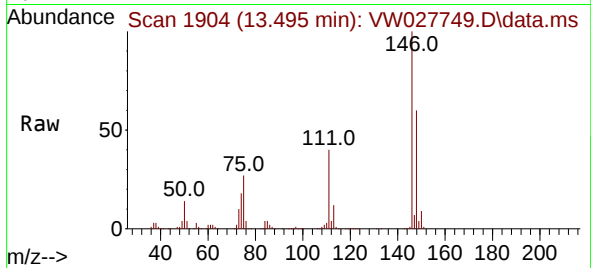




#64
1,3-Dichlorobenzene
Concen: 20.124 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

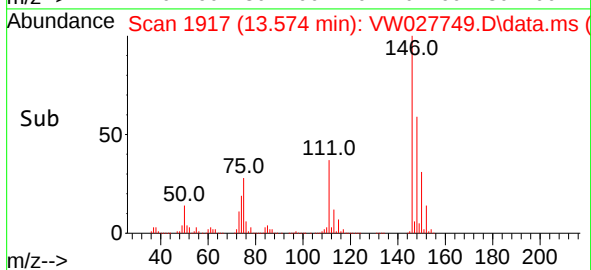
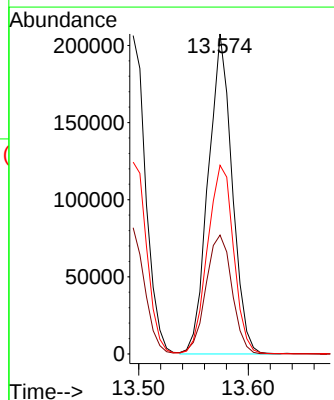
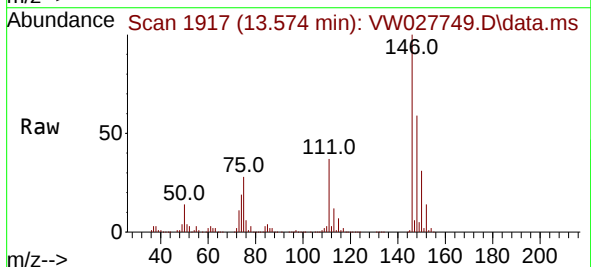
Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

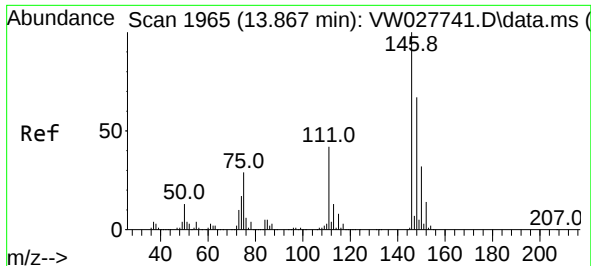
Tgt Ion:146 Resp: 328231
Ion Ratio Lower Upper
146 100
111 39.6 31.1 57.7
148 60.2 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 19.135 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:146 Resp: 313502
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.6
148 59.0 46.3 85.9





#67

1,2-Dichlorobenzene

Concen: 20.885 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

Instrument :

MSVOA_W

ClientSampleId :

DCLR2MS

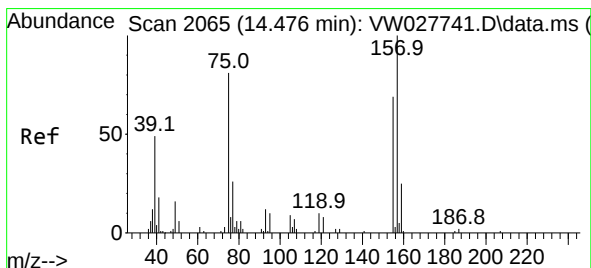
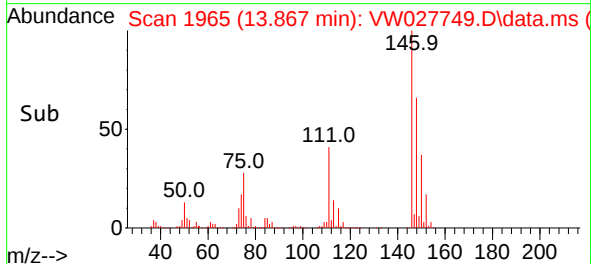
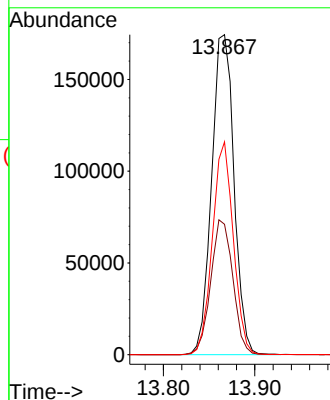
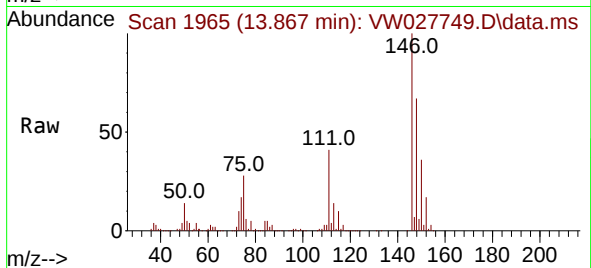
Tgt Ion:146 Resp: 296226

Ion Ratio Lower Upper

146 100

111 40.8 32.1 48.1

148 66.5 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.692 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027749.D

Acq: 18 Dec 2023 23:45

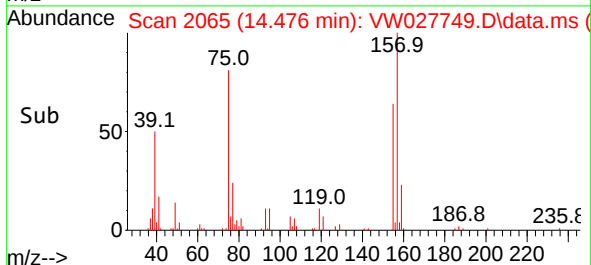
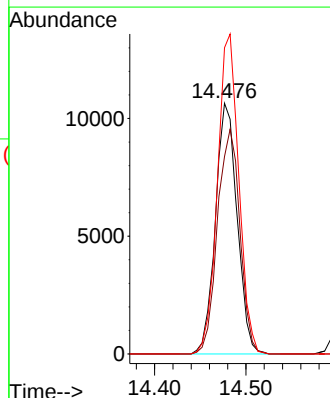
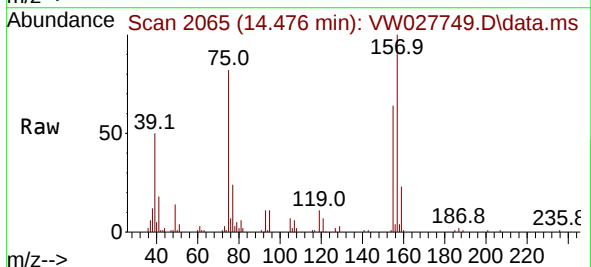
Tgt Ion: 75 Resp: 17535

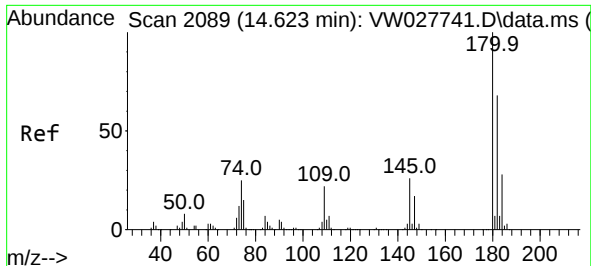
Ion Ratio Lower Upper

75 100

155 78.7 59.8 89.6

157 122.1 87.5 131.3

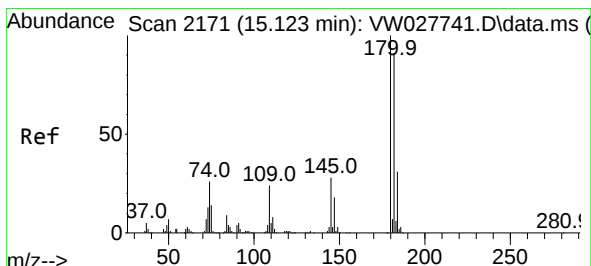
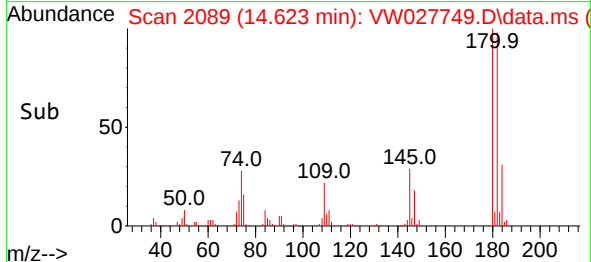
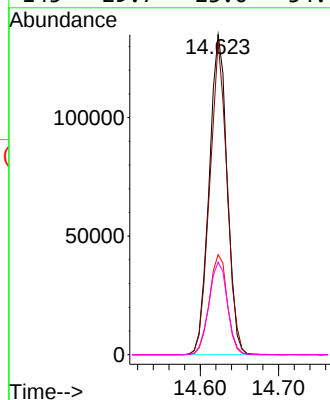
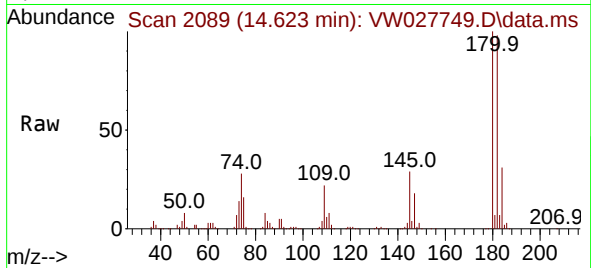




#69
 1,3,5-Trichlorobenzene
 Concen: 18.887 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

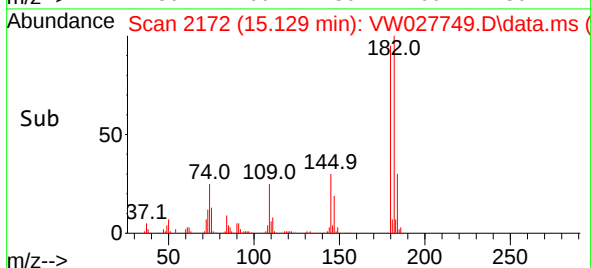
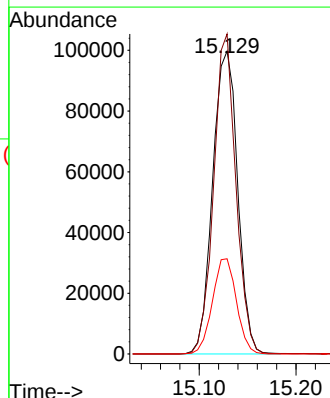
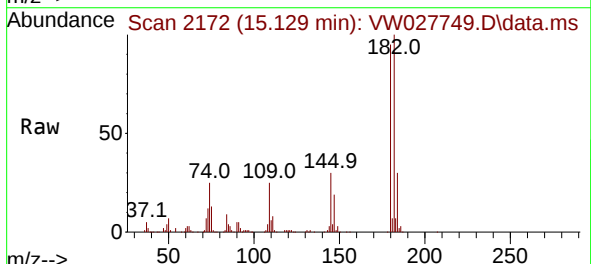
Instrument :
 MSVOA_W
 ClientSampleId :
 DCLR2MS

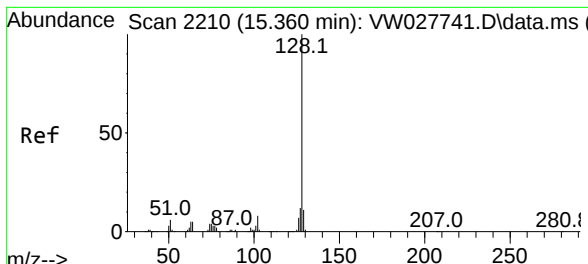
Tgt Ion:	180	Resp:	214350
Ion Ratio	Lower	Upper	
180	100		
182	94.6	72.6	109.0
184	31.2	23.0	34.6
145	29.7	23.0	34.6



#70
 1,2,4-trichlorobenzene
 Concen: 19.194 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW027749.D
 Acq: 18 Dec 2023 23:45

Tgt Ion:	180	Resp:	178891
Ion Ratio	Lower	Upper	
180	100		
182	94.2	69.7	104.5
145	30.3	24.1	36.1



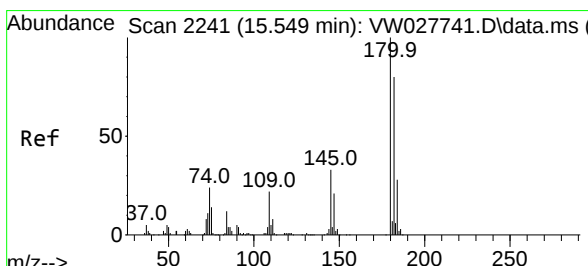
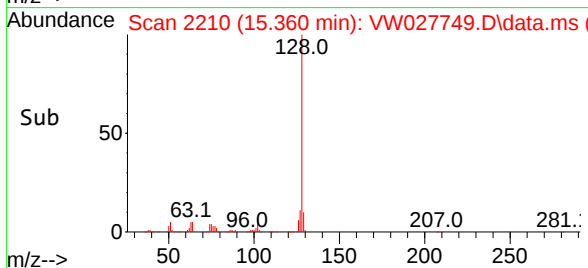
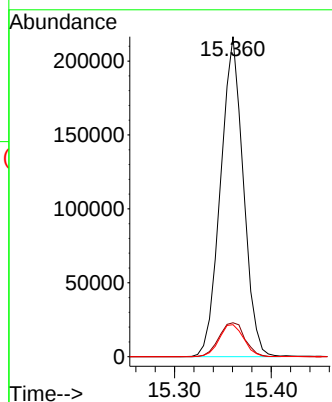
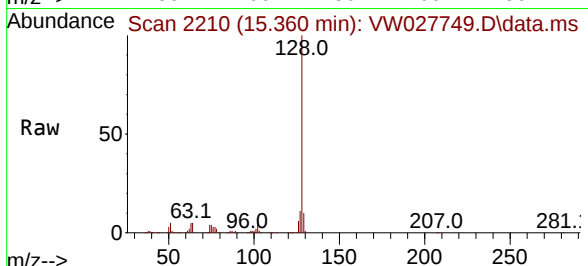


#71
Naphthalene
Concen: 21.405 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

Tgt Ion:128 Resp: 353521

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	10.8	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 19.415 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027749.D
Acq: 18 Dec 2023 23:45

Tgt Ion:180 Resp: 151292

Ion	Ratio	Lower	Upper
180	100		
182	98.6	75.5	113.3
145	33.9	25.0	37.6

