

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027686.D
 Acq On : 16 Dec 2023 13:01
 Operator : SY/MD
 Sample : 05788-19MS
 Misc : 4.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLP8MS

Quant Time: Dec 17 00:17:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	644598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	596445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	302942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	162647	17.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.280%
7) Chloroethane-d5	2.899	69	123424	17.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.440%
11) 1,1-Dichloroethene-d2	4.021	65	68268	18.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.680%
21) 2-Butanone-d5	7.087	46	61691	39.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.360%
24) Chloroform-d	7.648	84	319475	20.828	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.320%
26) 1,2-Dichloroethane-d4	8.306	65	148678	20.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	8.270	84	679702	19.499	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	9.276	67	196140	19.861	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.440%
41) Toluene-d8	10.324	98	642477	19.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.480%
43) trans-1,3-Dichloroprop...	10.574	79	78169	20.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.760%
47) 2-Hexanone-d5	10.922	63	59129	41.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148044	19.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	217337	20.042	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	127210	16.956	ug/L	94
3) Chloromethane	2.222	50	153840	17.409	ug/L	98
5) Vinyl chloride	2.368	62	183911	17.493	ug/L	96
6) Bromomethane	2.789	94	120001	17.933	ug/L	95
8) Chloroethane	2.935	64	104149	16.569	ug/L	100
9) Trichlorofluoromethane	3.265	101	168712	17.768	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	153515	19.033	ug/L	96
12) 1,1-Dichloroethene	4.039	96	149180	18.893	ug/L	92
13) Acetone	4.149	43	46148	32.702	ug/L	95
14) Carbon disulfide	4.380	76	475597	17.930	ug/L	99
15) Methyl Acetate	4.679	43	43827	17.191	ug/L	98
16) Methylene chloride	4.917	84	161235	15.953	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	157855	18.906	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	212648	19.264	ug/L	100
19) 1,1-Dichloroethane	6.221	63	265351	18.689	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	170368	19.384	ug/L	96
22) 2-Butanone	7.179	43	63653	33.968	ug/L	99
23) Bromochloromethane	7.514	128	73214	19.727	ug/L	96
25) Chloroform	7.672	83	271541	19.420	ug/L	96

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 Response via : Initial Calibration

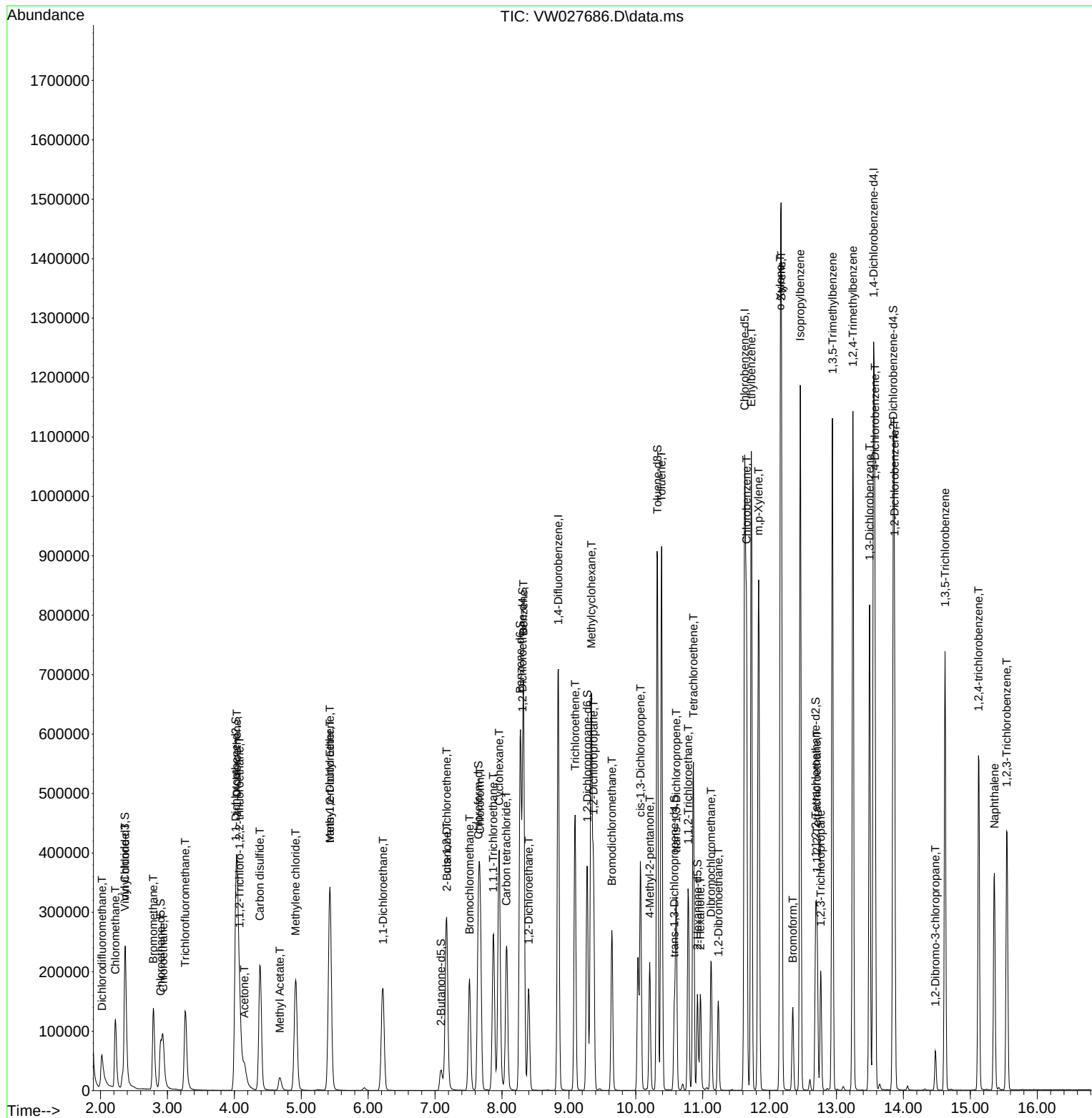
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	157744	19.242	ug/L	96
29) Cyclohexane	7.959	56	246912	17.496	ug/L	99
30) 1,1,1-Trichloroethane	7.867	97	219784	17.641	ug/L	98
31) Carbon tetrachloride	8.063	117	197524	18.015	ug/L	100
33) Benzene	8.319	78	627171	18.139	ug/L	100
34) Trichloroethene	9.093	95	165759	17.588	ug/L	98
35) Methylcyclohexane	9.337	83	306426	18.026	ug/L	99
37) 1,2-Dichloropropane	9.367	63	154695	18.535	ug/L	100
38) Bromodichloromethane	9.642	83	190058	18.735	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	246943	19.412	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	130300	35.719	ug/L	99
42) Toluene	10.385	91	693940	18.653	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	186934	18.660	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	113659	18.394	ug/L	99
46) Tetrachloroethene	10.861	164	135421	17.994	ug/L	83
48) 2-Hexanone	10.964	43	96295	35.465	ug/L	99
49) Dibromochloromethane	11.123	129	120423	18.633	ug/L	96
50) 1,2-Dibromoethane	11.233	107	104518	17.798	ug/L	91
51) Chlorobenzene	11.653	112	437613	18.412	ug/L	93
52) Ethylbenzene	11.727	91	776301	18.518	ug/L	98
53) m,p-Xylene	11.836	106	294326	18.279	ug/L	92
54) o-Xylene	12.159	106	289465	19.305	ug/L	99
55) Styrene	12.178	104	499046	19.744	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	126847	18.008	ug/L	96
59) Bromoform	12.348	173	65645	17.703	ug/L	94
60) Isopropylbenzene	12.458	105	790547	18.490	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	88092	17.447	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	622769	18.221	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	629313	18.705	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	351440	19.022	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	334357	18.017	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	299361	18.633	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	17417	17.268	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	230362	17.919	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	190877	18.080	ug/L	94
71) Naphthalene	15.360	128	333093	17.805	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	160961	18.235	ug/L	99

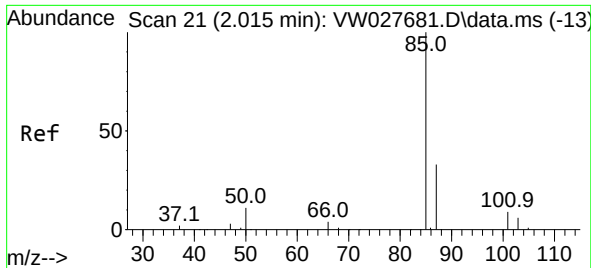
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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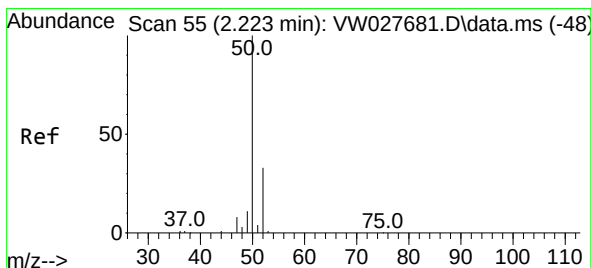
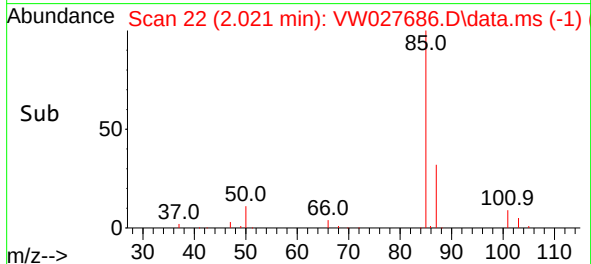
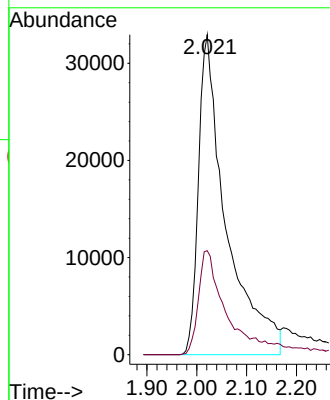
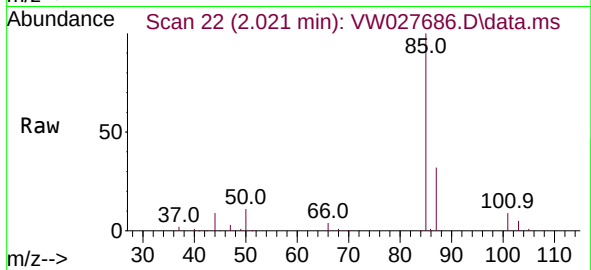




#2
Dichlorodifluoromethane
Concen: 16.956 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

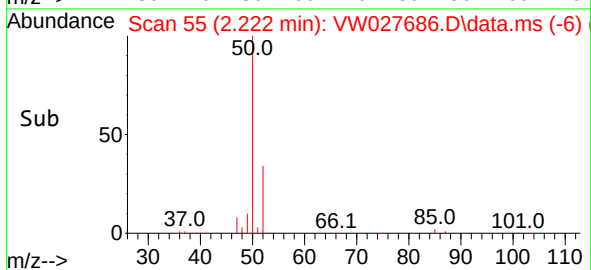
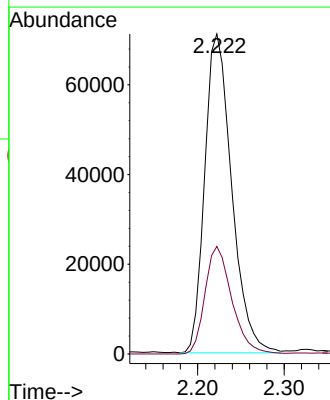
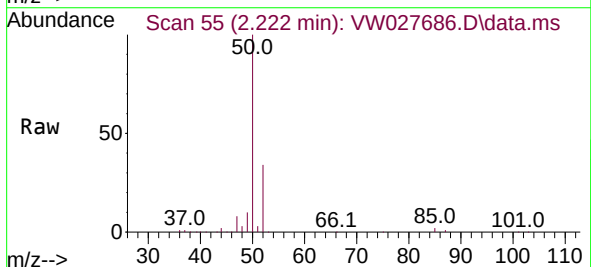
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MSVOA_W
ClientSampleId :
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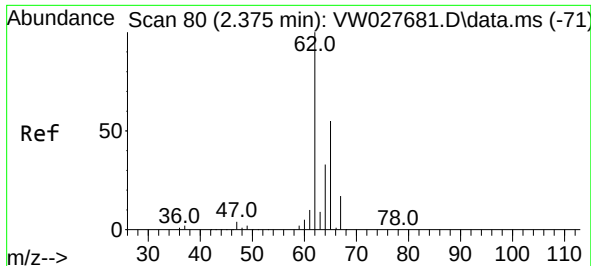
Tgt Ion: 85 Resp: 127210
Ion Ratio Lower Upper
85 100
87 26.1 23.2 34.8



#3
Chloromethane
Concen: 17.409 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 50 Resp: 153840
Ion Ratio Lower Upper
50 100
52 33.6 22.8 42.4

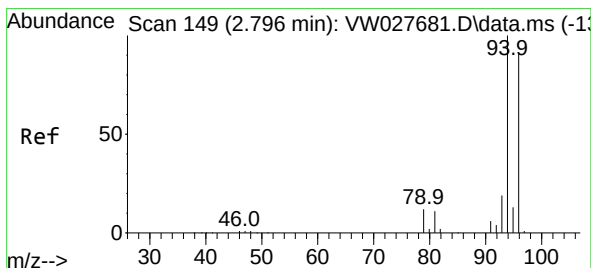
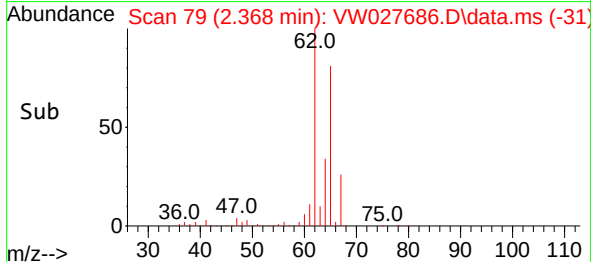
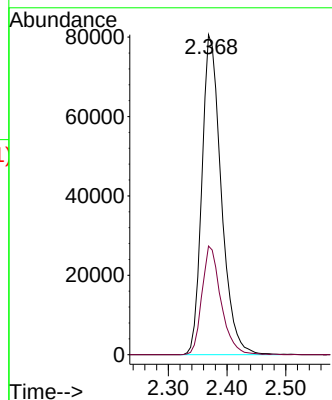
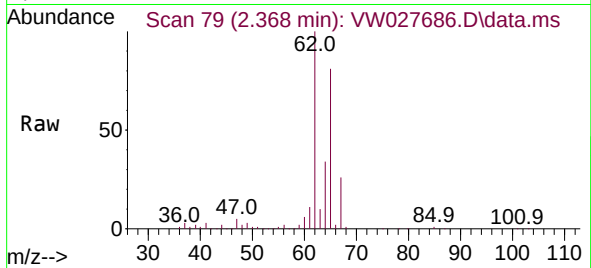




#5
 Vinyl chloride
 Concen: 17.493 ug/L
 RT: 2.368 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW027686.D
 Acq: 16 Dec 2023 13:01

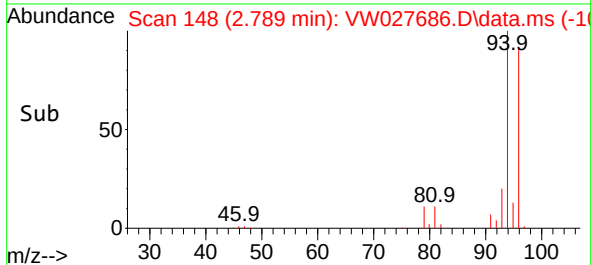
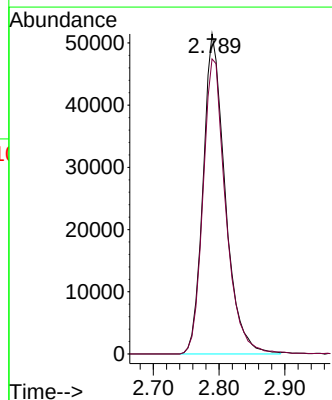
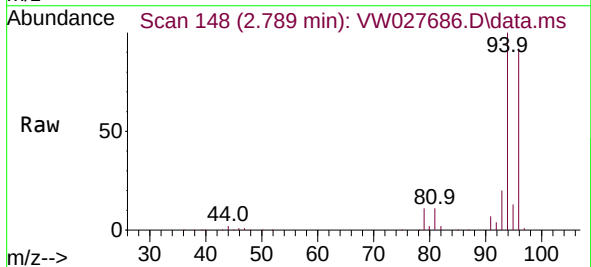
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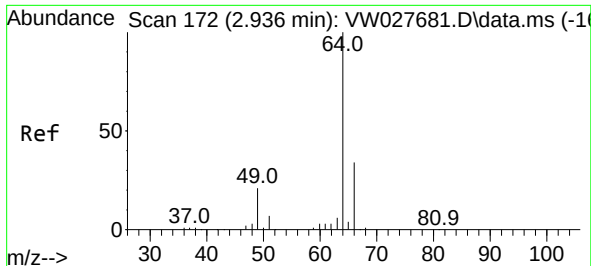
Tgt Ion: 62 Resp: 183911
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.2 41.2



#6
 Bromomethane
 Concen: 17.933 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027686.D
 Acq: 16 Dec 2023 13:01

Tgt Ion: 94 Resp: 120001
 Ion Ratio Lower Upper
 94 100
 96 92.2 61.2 113.8

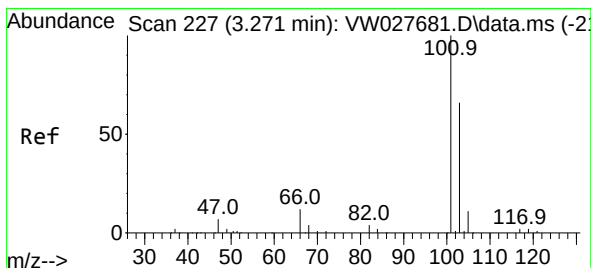
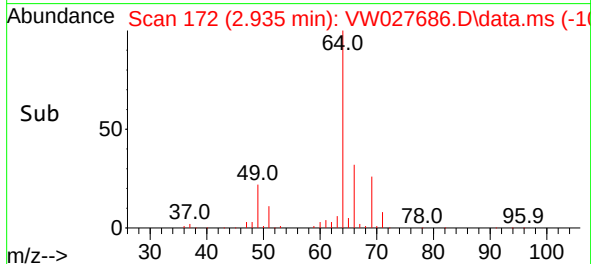
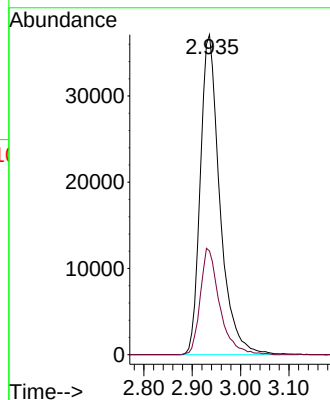
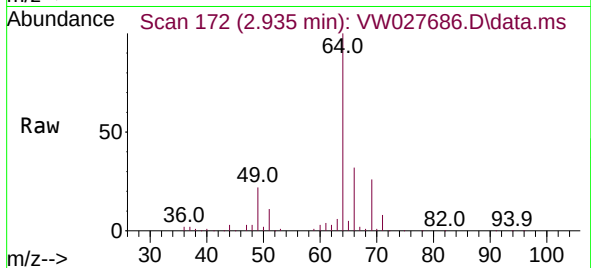




#8
Chloroethane
Concen: 16.569 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

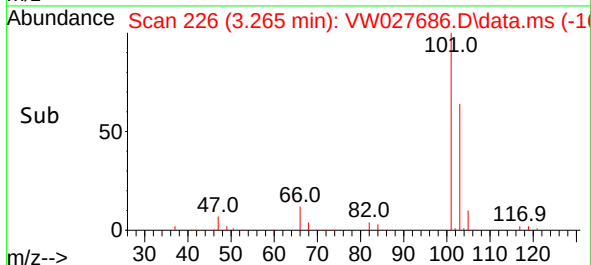
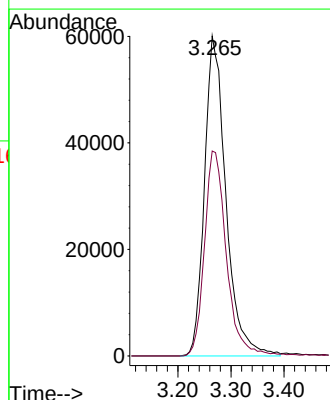
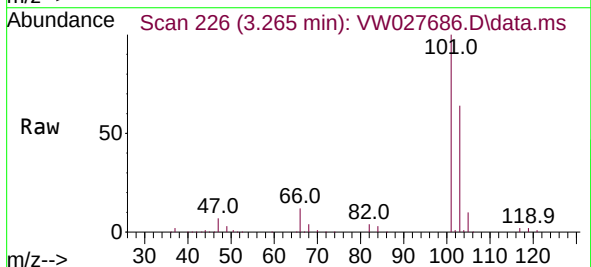
Instrument :
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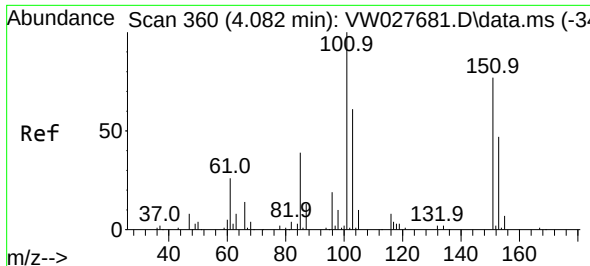
Tgt Ion: 64 Resp: 104149
Ion Ratio Lower Upper
64 100
66 32.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 17.768 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion:101 Resp: 168712
Ion Ratio Lower Upper
101 100
103 65.3 51.1 76.7

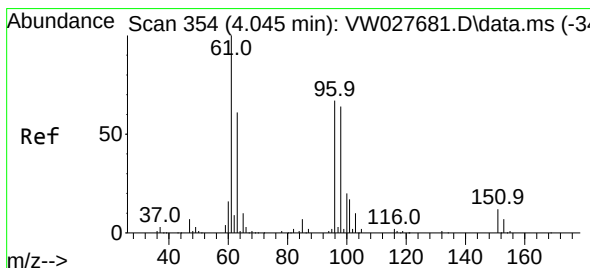
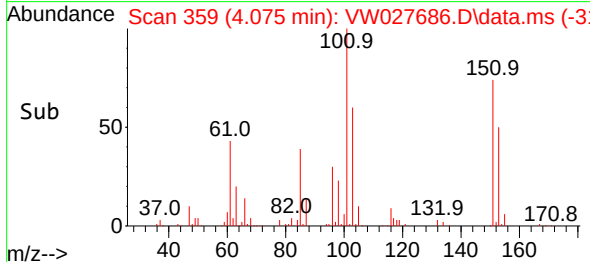
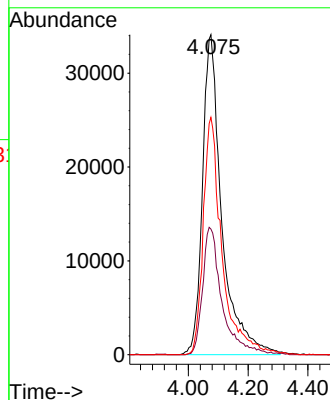
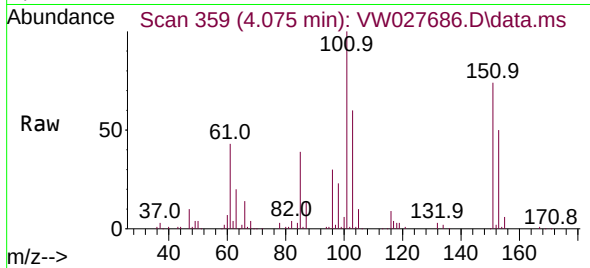




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.033 ug/L
 RT: 4.075 min Scan# 3
 Delta R.T. -0.006 min
 Lab File: VW027686.D
 Acq: 16 Dec 2023 13:01

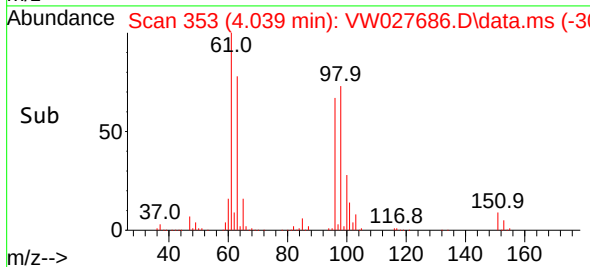
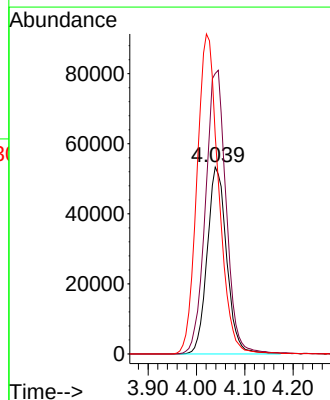
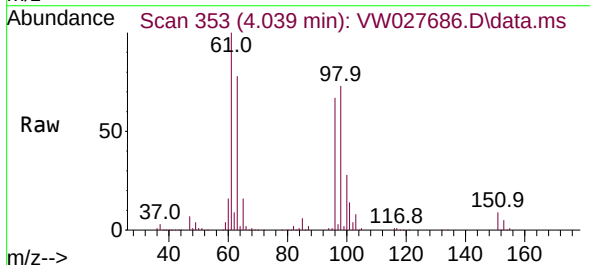
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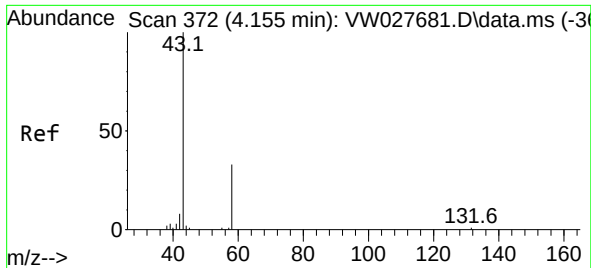
Tgt Ion:101 Resp: 153515
 Ion Ratio Lower Upper
 101 100
 85 38.8 33.0 49.4
 151 69.7 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 18.893 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027686.D
 Acq: 16 Dec 2023 13:01

Tgt Ion: 96 Resp: 149180
 Ion Ratio Lower Upper
 96 100
 61 150.2 110.9 206.1
 63 117.0 73.6 136.6

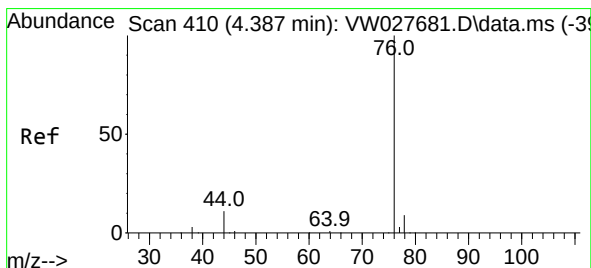
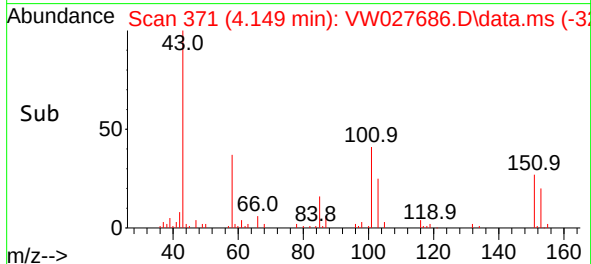
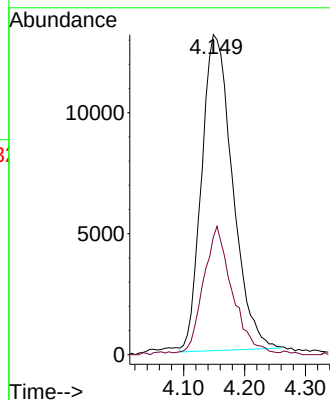
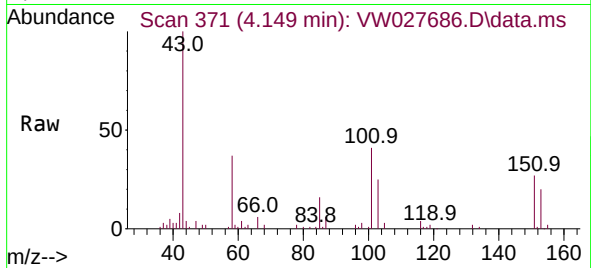




#13
Acetone
Concen: 32.702 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

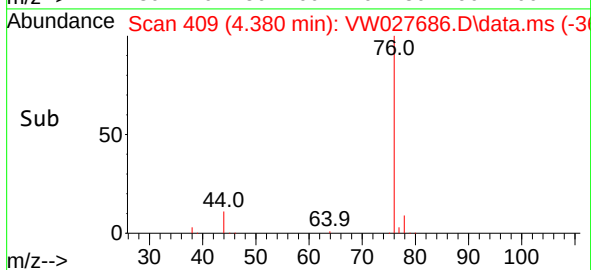
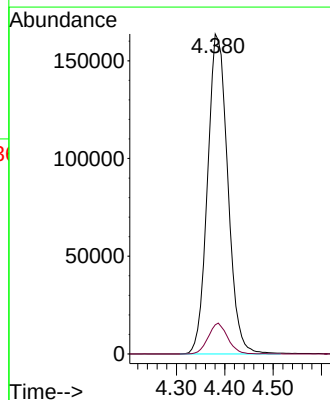
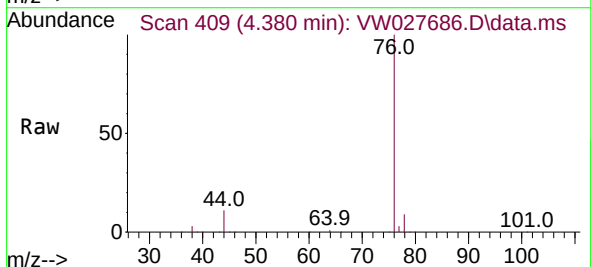
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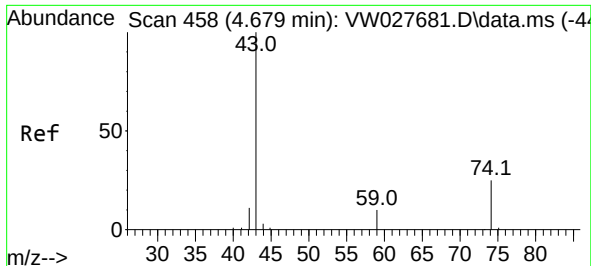
Tgt Ion: 43 Resp: 46148
Ion Ratio Lower Upper
43 100
58 37.3 0.0 68.6



#14
Carbon disulfide
Concen: 17.930 ug/L
RT: 4.380 min Scan# 409
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 475597
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

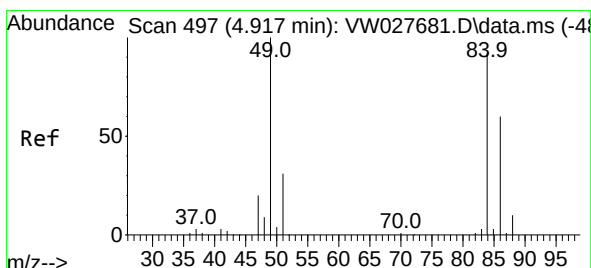
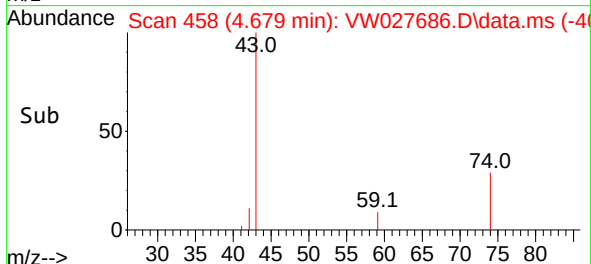
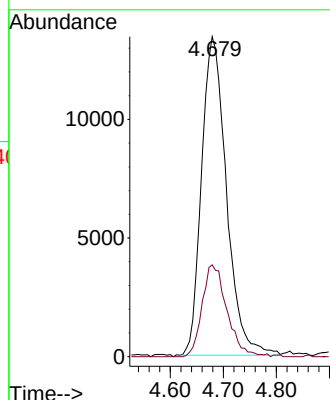
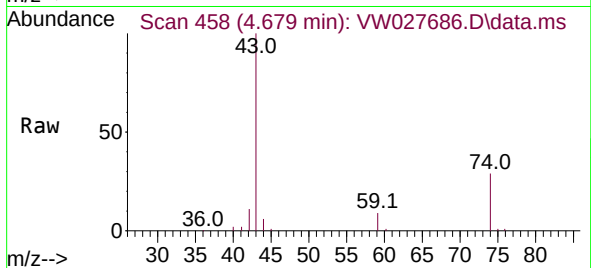




#15
Methyl Acetate
Concen: 17.191 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

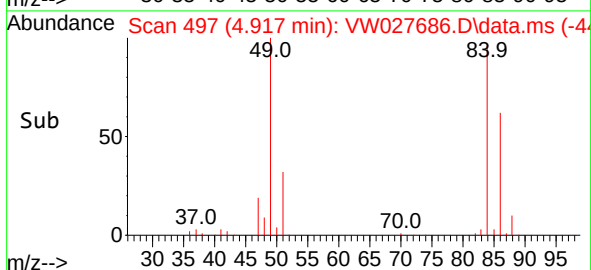
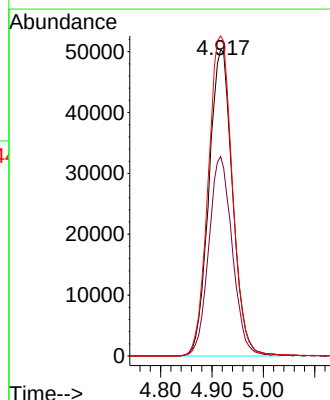
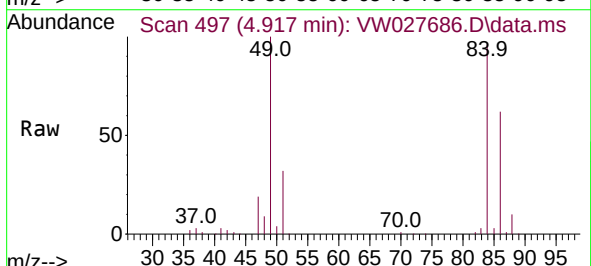
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

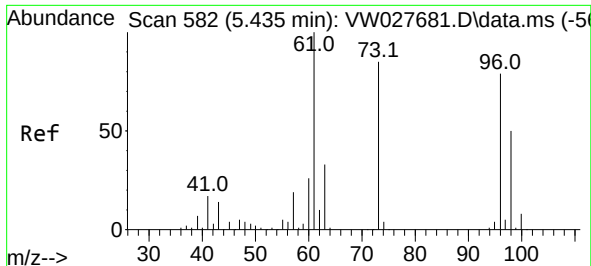
Tgt Ion: 43 Resp: 43827
Ion Ratio Lower Upper
43 100
74 28.5 22.1 33.1



#16
Methylene chloride
Concen: 15.953 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 84 Resp: 161235
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.2
49 104.5 76.2 141.6





#17

trans-1,2-Dichloroethene

Concen: 18.906 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

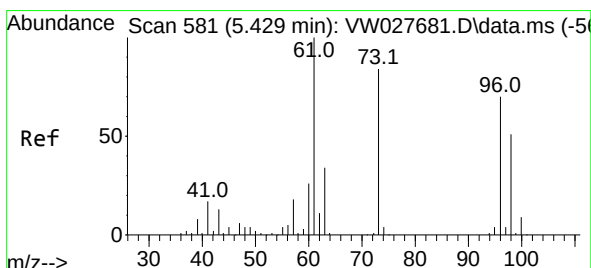
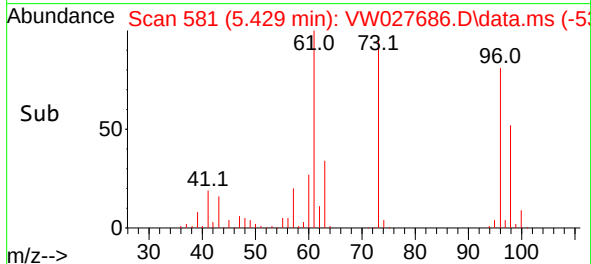
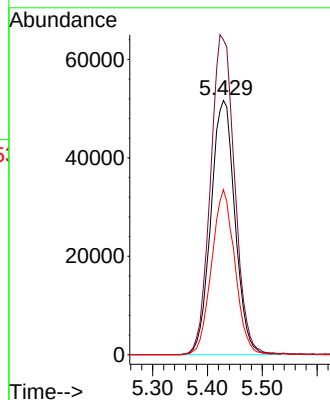
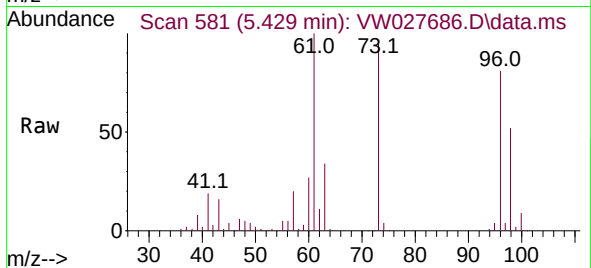
Tgt Ion: 96 Resp: 157855

Ion Ratio Lower Upper

96 100

61 123.8 88.5 164.3

98 64.8 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 19.264 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

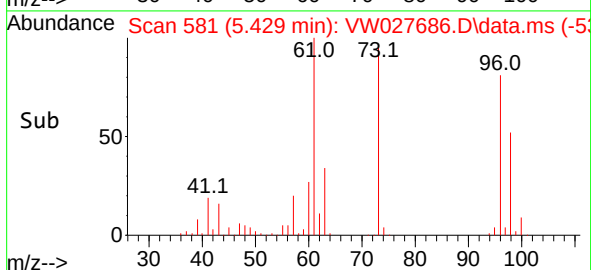
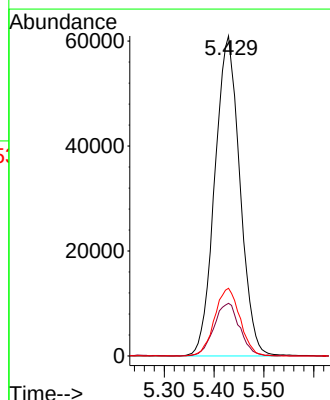
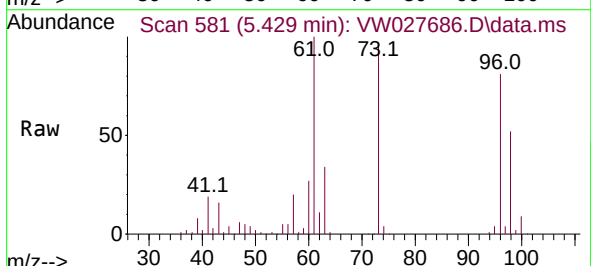
Tgt Ion: 73 Resp: 212648

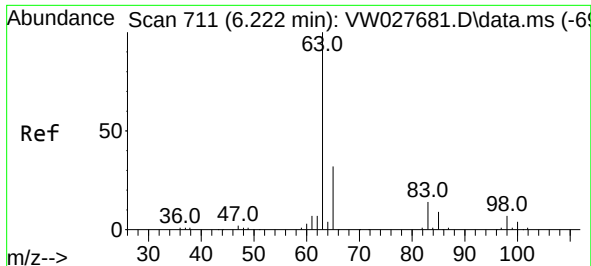
Ion Ratio Lower Upper

73 100

43 16.9 13.5 20.3

57 21.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 18.689 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

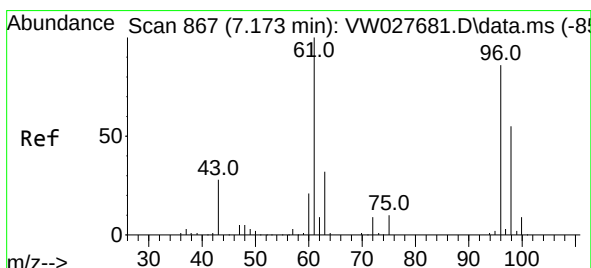
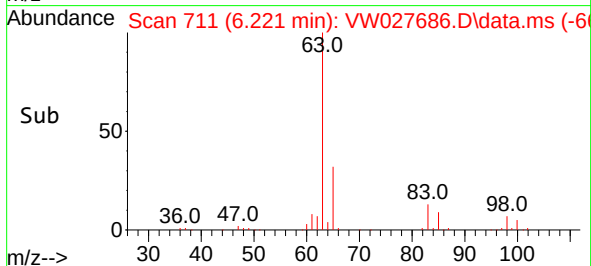
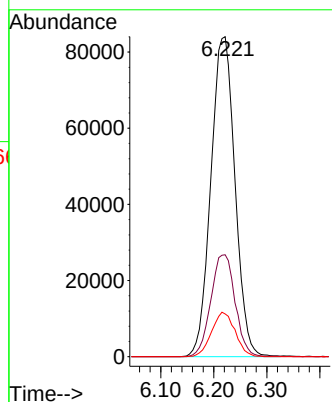
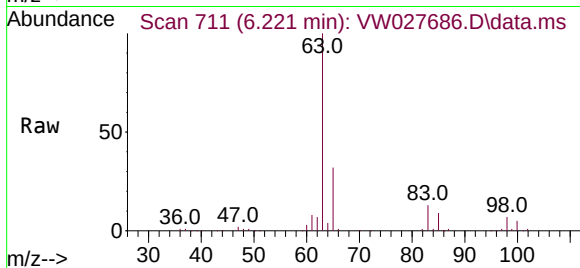
Tgt Ion: 63 Resp: 265351

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.8

83 13.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 19.384 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

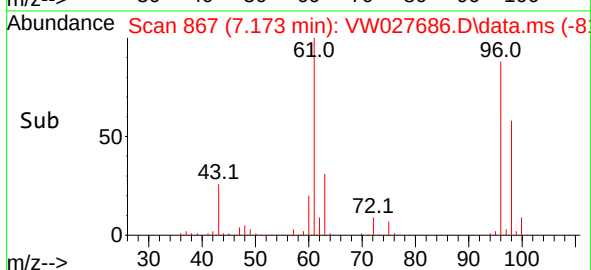
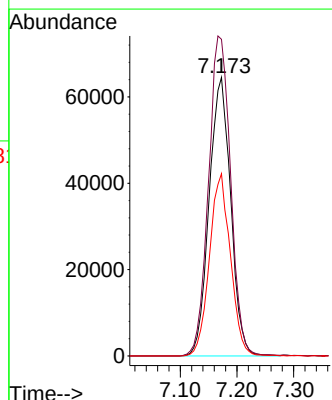
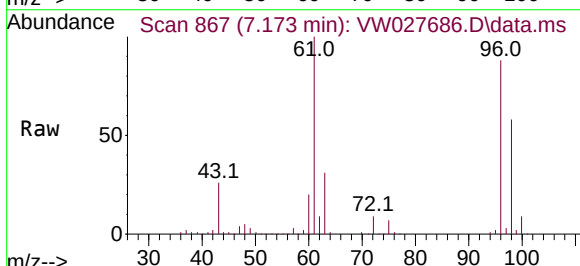
Tgt Ion: 96 Resp: 170368

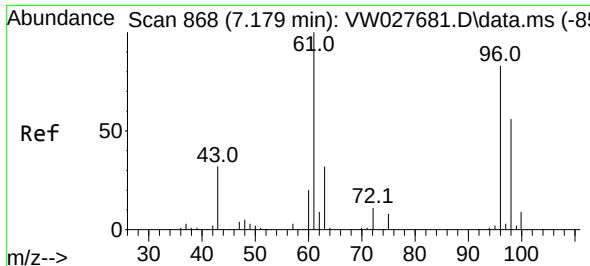
Ion Ratio Lower Upper

96 100

61 113.7 83.5 155.1

98 65.4 46.5 86.5

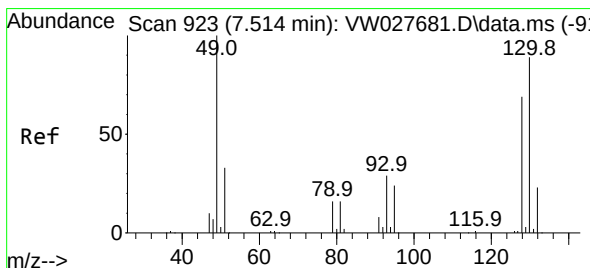
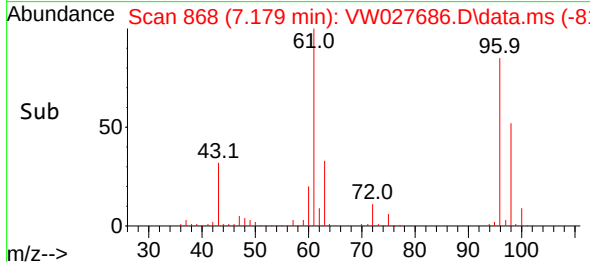
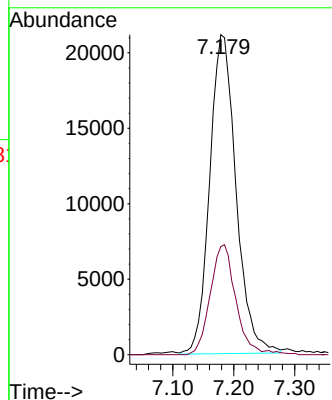
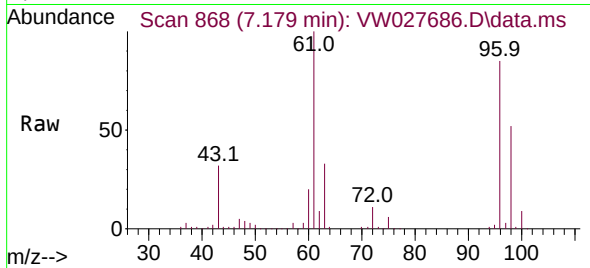




#22
2-Butanone
Concen: 33.968 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

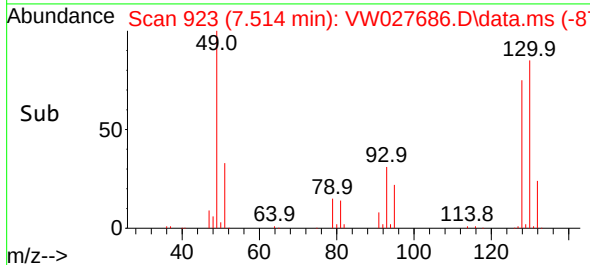
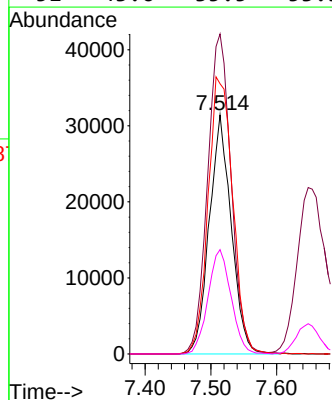
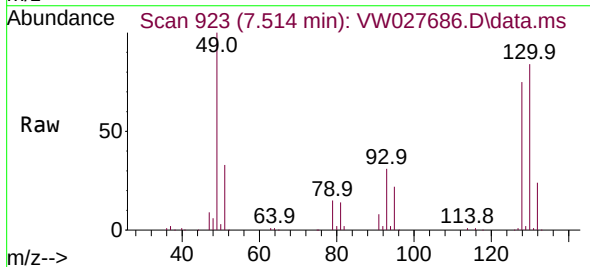
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

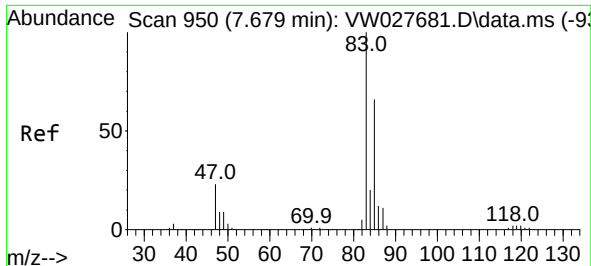
Tgt Ion: 43 Resp: 63653
Ion Ratio Lower Upper
43 100
72 32.8 16.1 48.2



#23
Bromochloromethane
Concen: 19.727 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 128 Resp: 73214
Ion Ratio Lower Upper
128 100
49 133.8 94.1 174.7
130 113.0 86.2 160.0
51 43.6 35.5 53.3

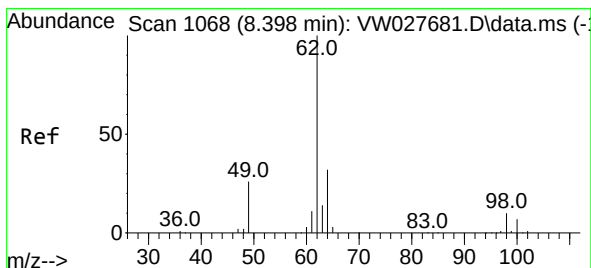
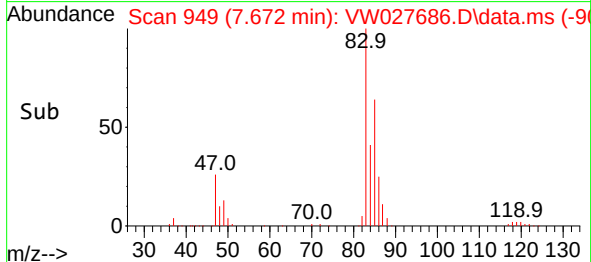
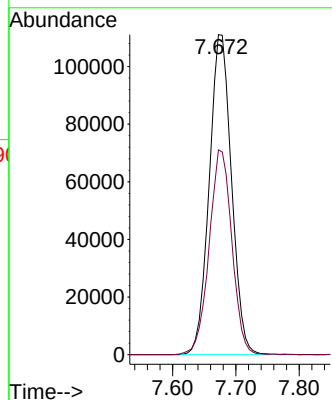
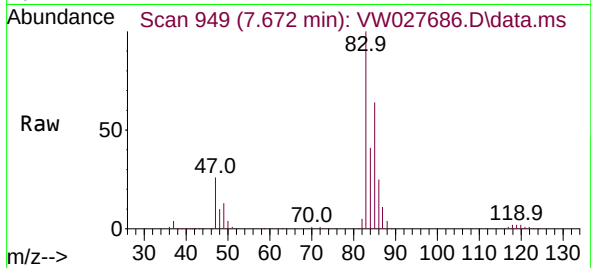




#25
Chloroform
Concen: 19.420 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

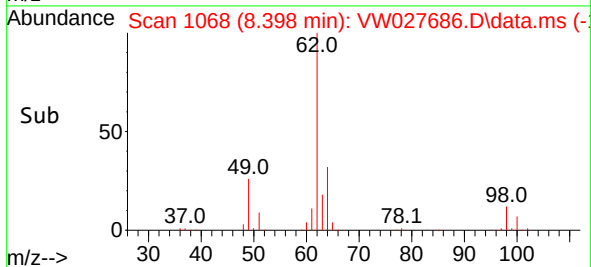
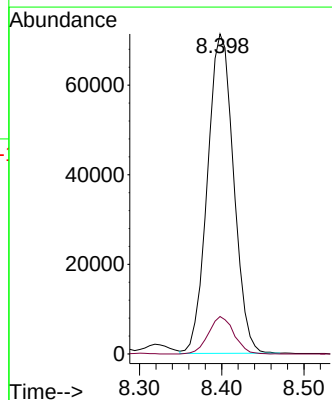
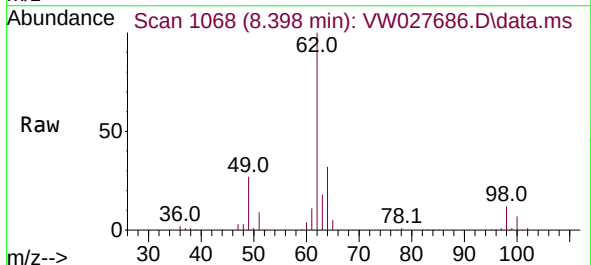
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

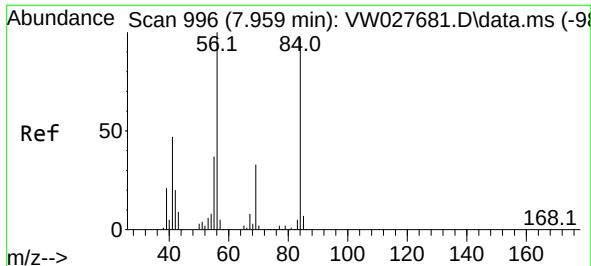
Tgt Ion: 83 Resp: 271541
Ion Ratio Lower Upper
83 100
85 64.0 46.9 87.1



#27
1,2-Dichloroethane
Concen: 19.242 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 62 Resp: 157744
Ion Ratio Lower Upper
62 100
98 11.7 8.1 12.1





#29

Cyclohexane

Concen: 17.496 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

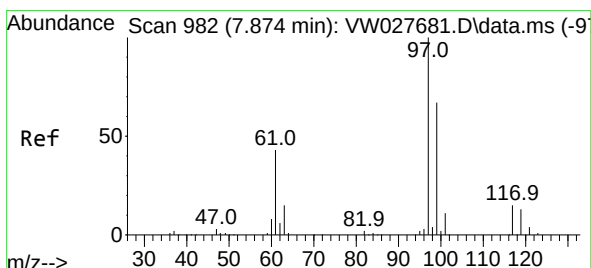
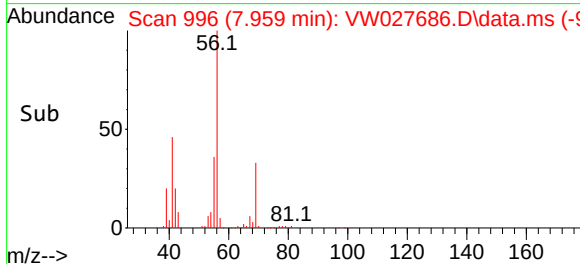
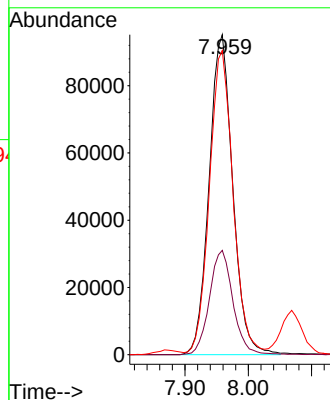
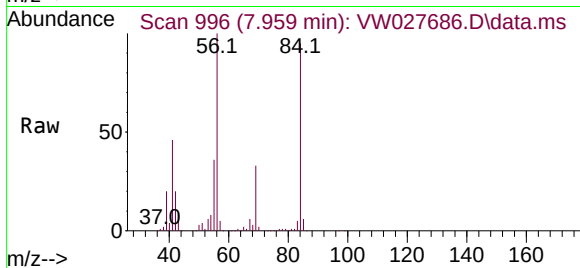
Tgt Ion: 56 Resp: 246912

Ion Ratio Lower Upper

56 100

69 32.4 25.7 38.5

84 95.4 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 17.641 ug/L

RT: 7.867 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

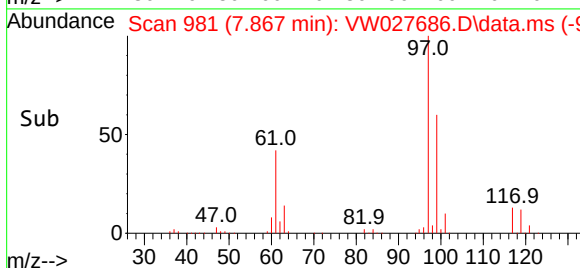
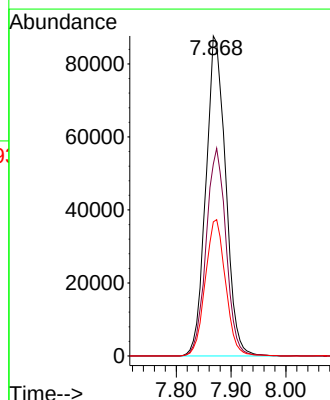
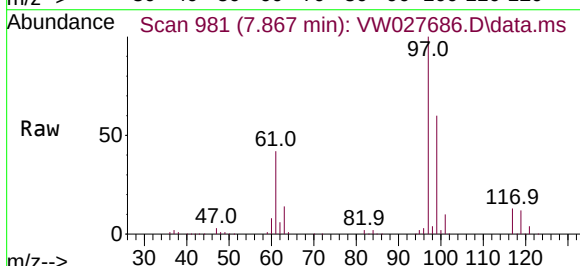
Tgt Ion: 97 Resp: 219784

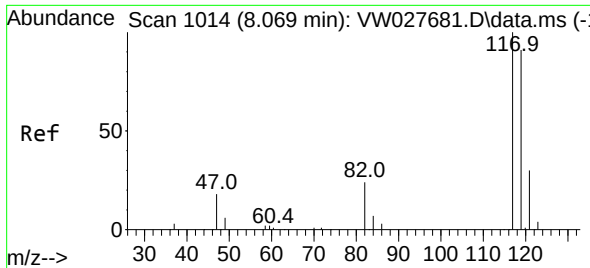
Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

61 43.7 34.2 51.4

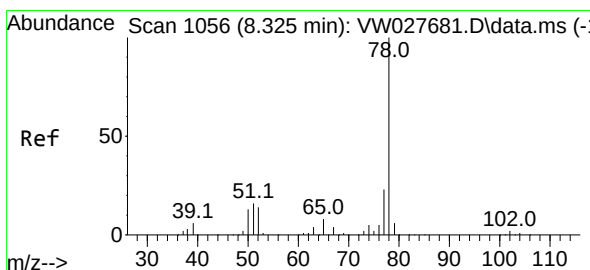
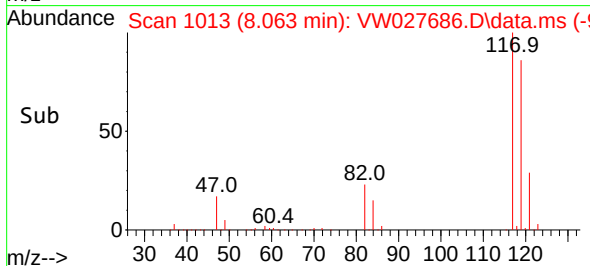
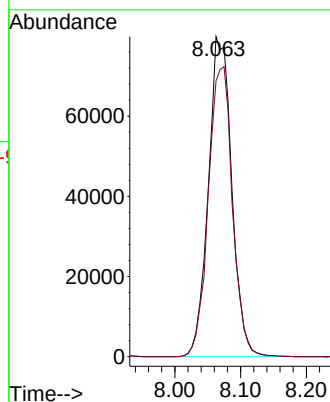
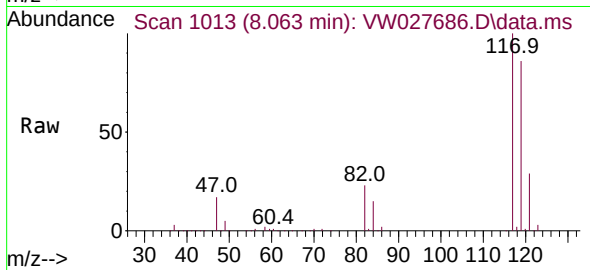




#31
Carbon tetrachloride
Concen: 18.015 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

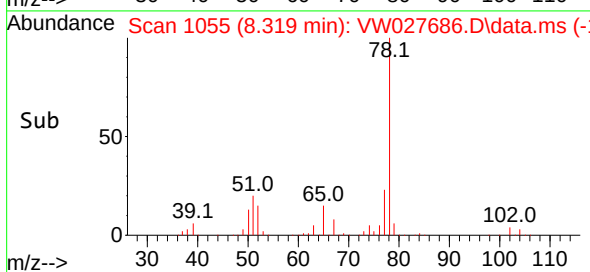
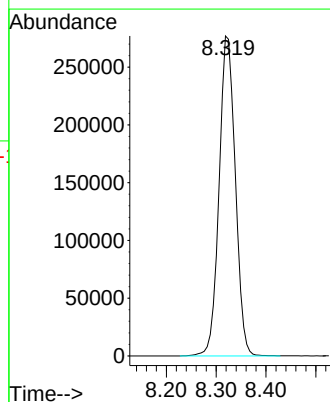
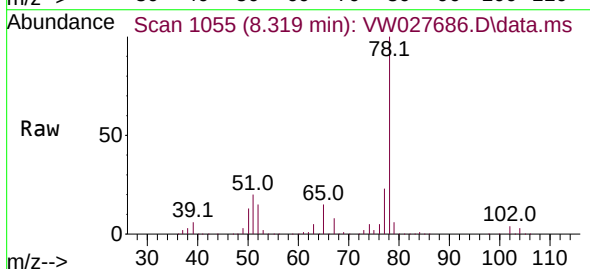
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

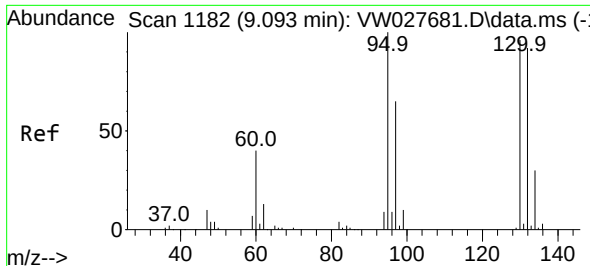
Tgt Ion:117 Resp: 197524
Ion Ratio Lower Upper
117 100
119 93.3 74.6 112.0



#33
Benzene
Concen: 18.139 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 78 Resp: 627171

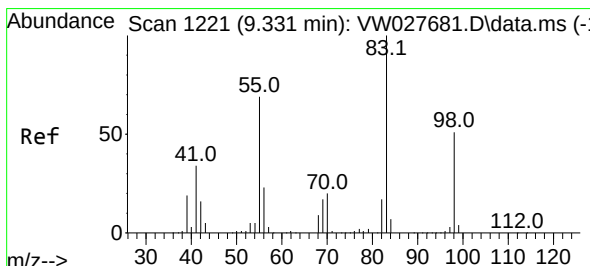
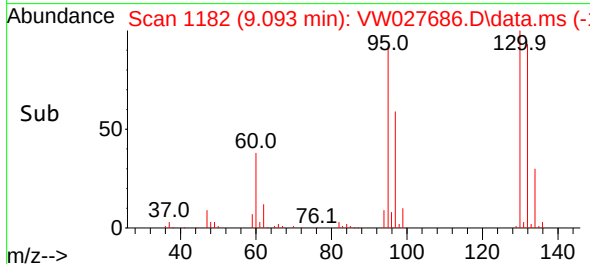
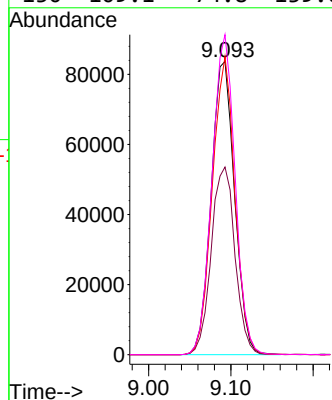
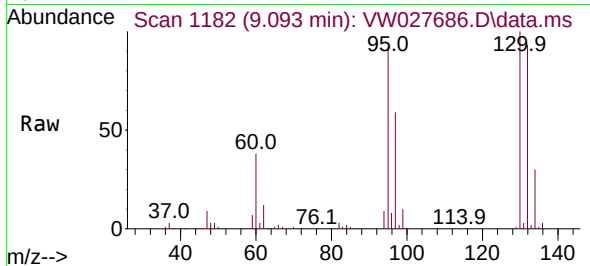




#34
Trichloroethene
Concen: 17.588 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

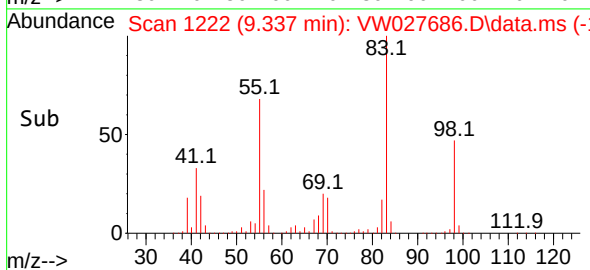
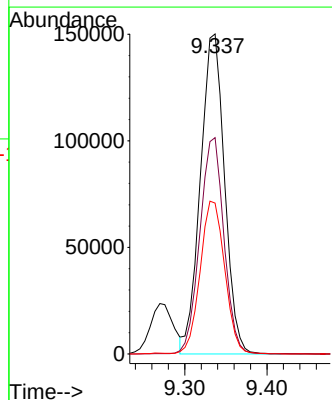
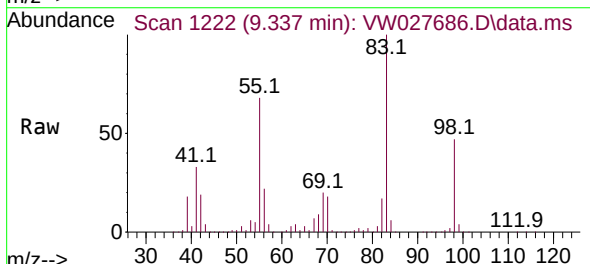
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

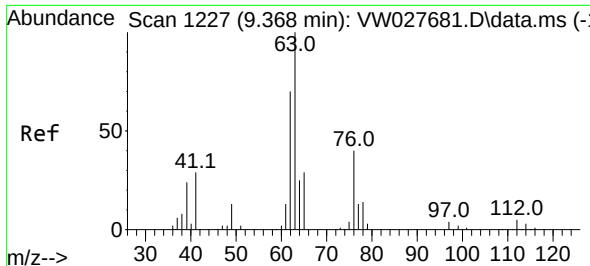
Tgt Ion: 95 Resp: 165759
Ion Ratio Lower Upper
95 100
97 64.0 45.9 85.3
132 101.6 70.4 130.8
130 109.1 74.8 139.0



#35
Methylcyclohexane
Concen: 18.026 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 83 Resp: 306426
Ion Ratio Lower Upper
83 100
55 67.5 55.1 82.7
98 48.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 18.535 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

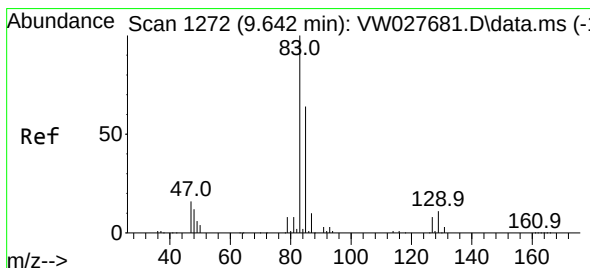
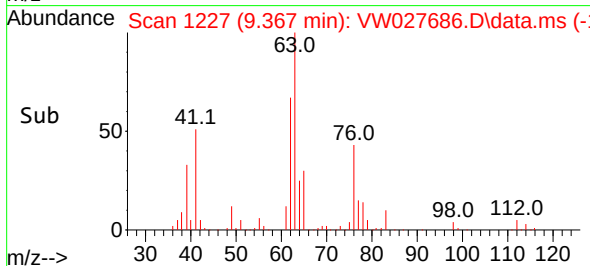
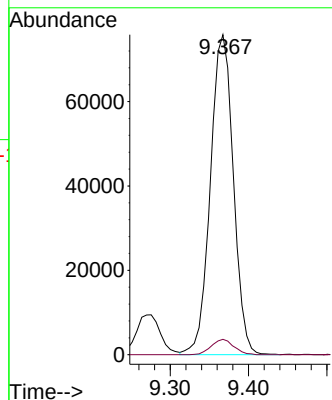
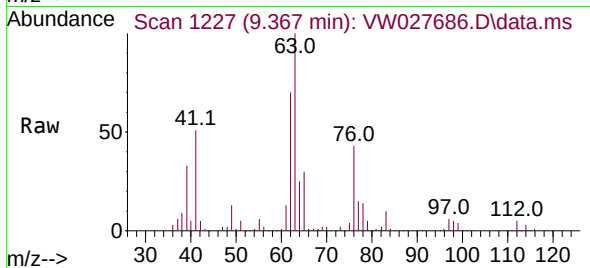
DCLP8MS

Tgt Ion: 63 Resp: 154695

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 18.735 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

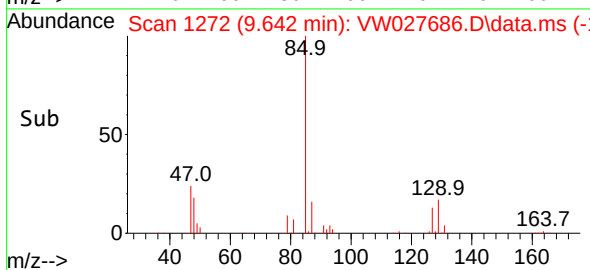
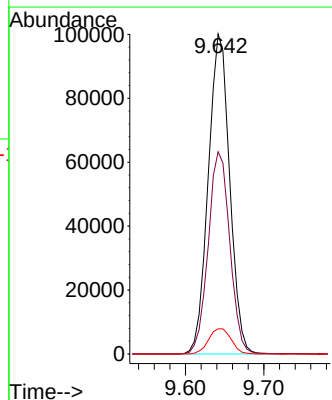
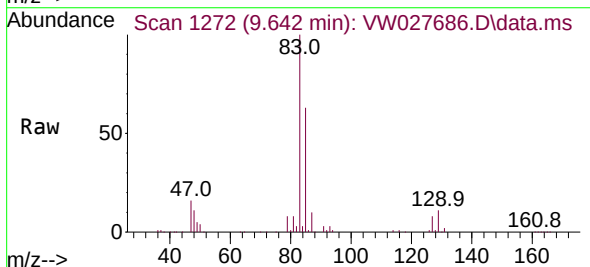
Tgt Ion: 83 Resp: 190058

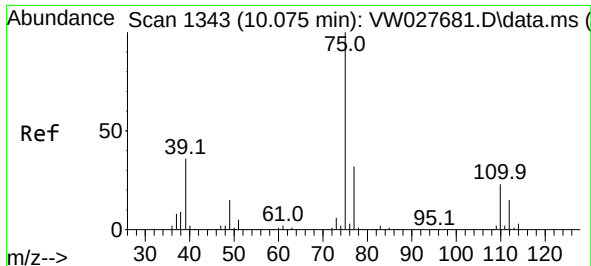
Ion Ratio Lower Upper

83 100

85 63.2 45.3 84.1

127 7.9 6.8 10.2

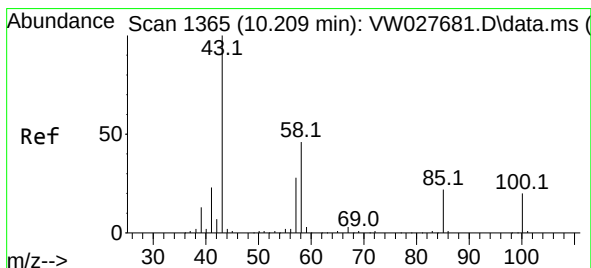
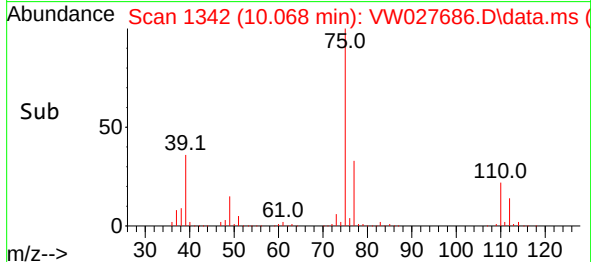
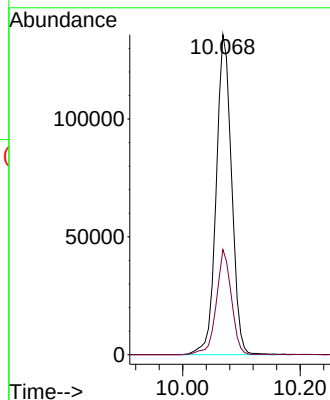
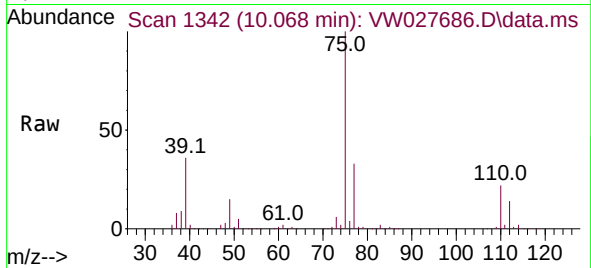




#39
cis-1,3-Dichloropropene
Concen: 19.412 ug/L
RT: 10.068 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

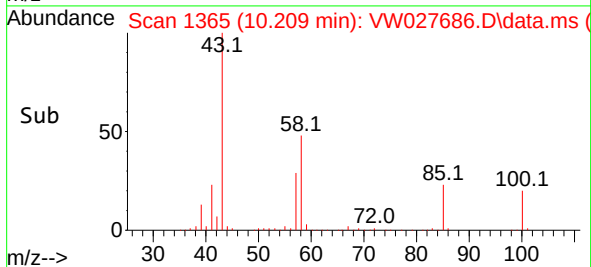
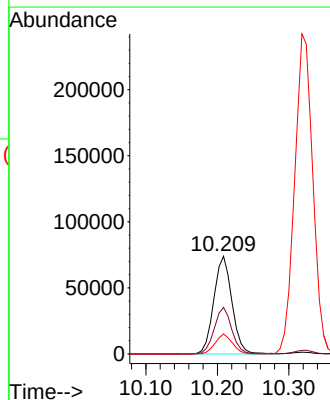
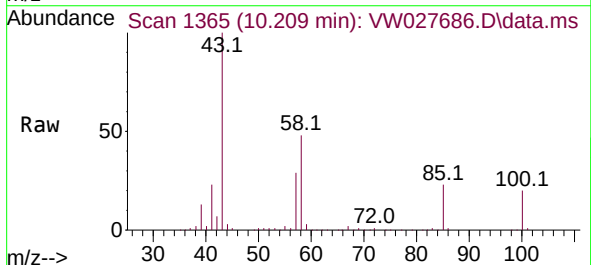
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

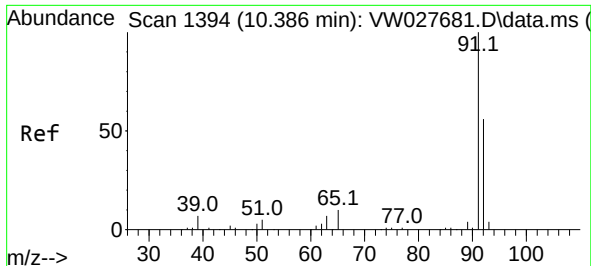
Tgt Ion: 75 Resp: 246943
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 35.719 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 43 Resp: 130300
Ion Ratio Lower Upper
43 100
58 46.0 36.1 54.1
100 19.5 15.8 23.8





#42

Toluene

Concen: 18.653 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

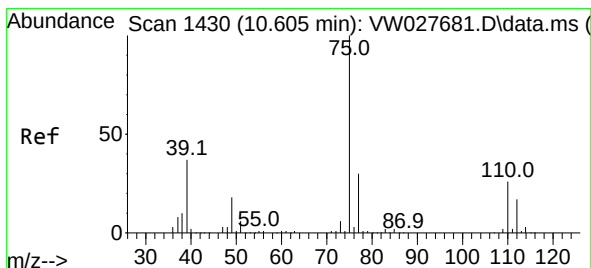
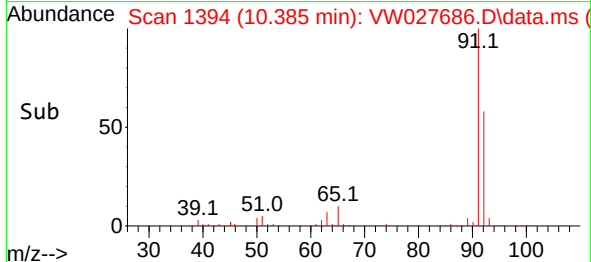
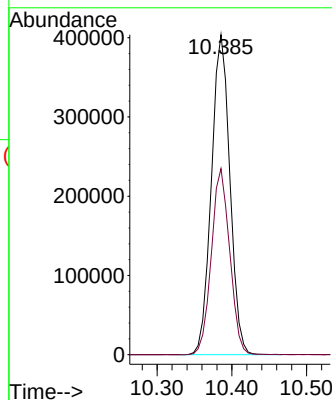
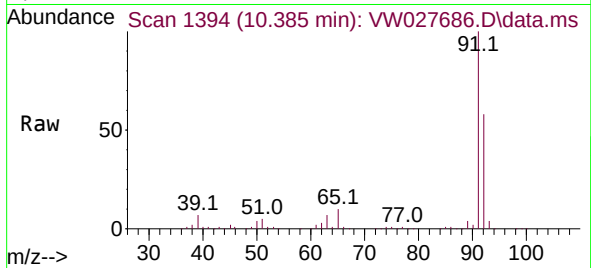
DCLP8MS

Tgt Ion: 91 Resp: 693940

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 18.660 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027686.D

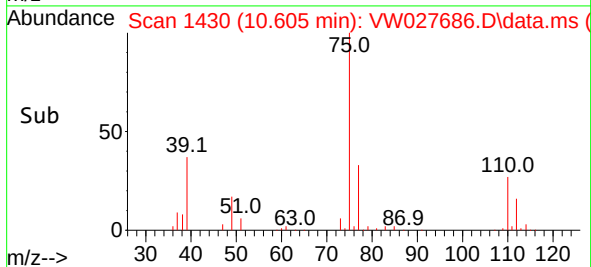
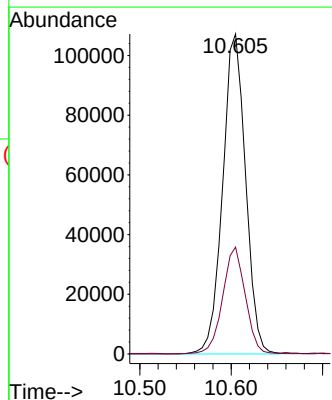
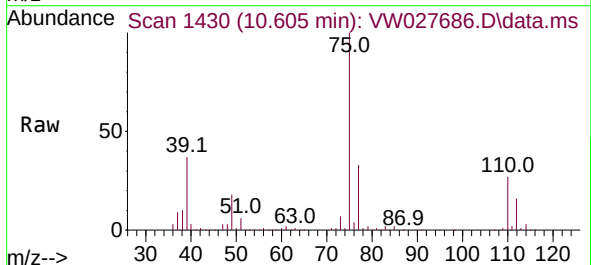
Acq: 16 Dec 2023 13:01

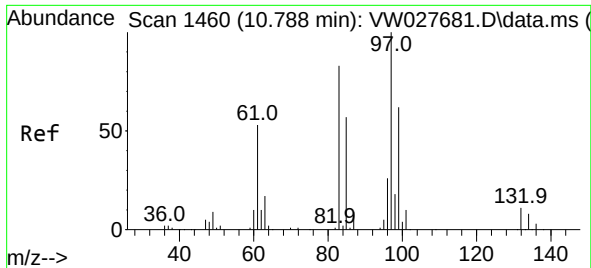
Tgt Ion: 75 Resp: 186934

Ion Ratio Lower Upper

75 100

77 33.4 22.7 42.1



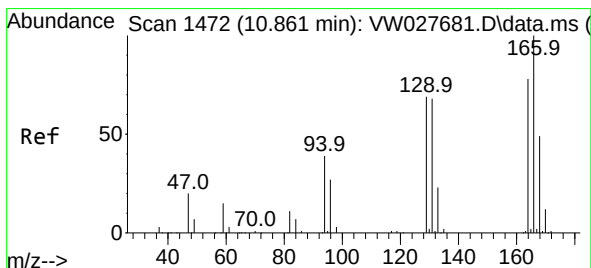
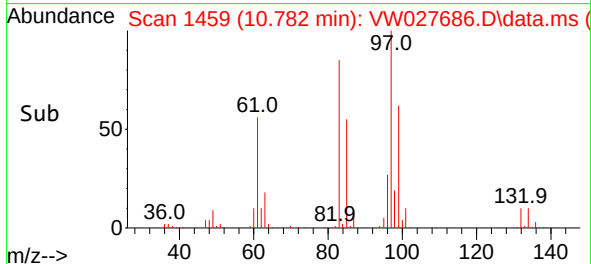
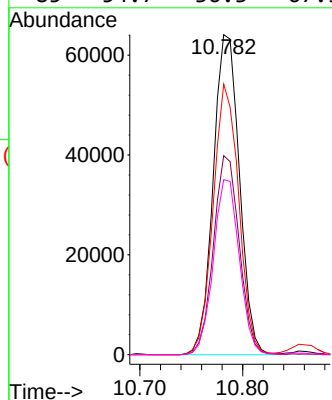
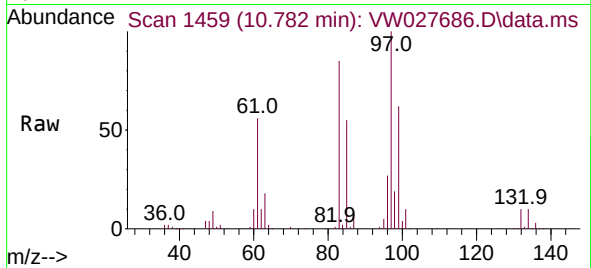


#45
1,1,2-Trichloroethane
Concen: 18.394 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

Tgt Ion: 97 Resp: 113659

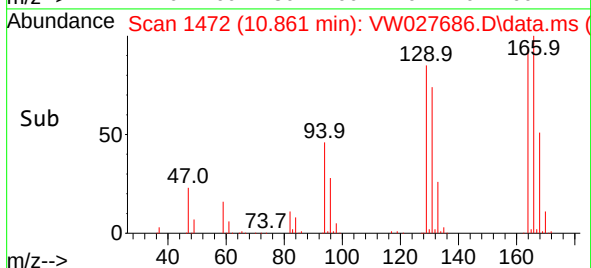
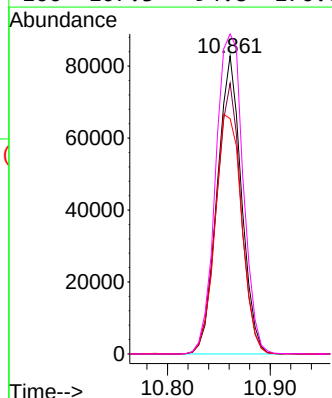
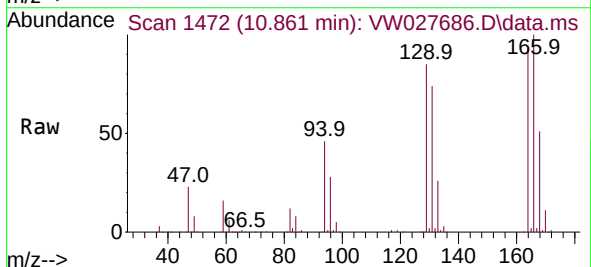
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.4	80.6
83	84.5	59.0	109.6
85	54.7	36.3	67.5

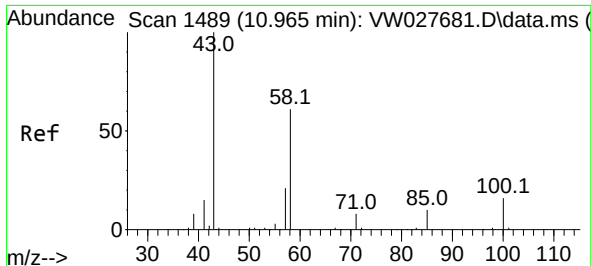


#46
Tetrachloroethene
Concen: 17.994 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion:164 Resp: 135421

Ion	Ratio	Lower	Upper
164	100		
129	90.8	70.5	130.9
131	78.9	64.8	120.3
166	107.3	94.8	176.0

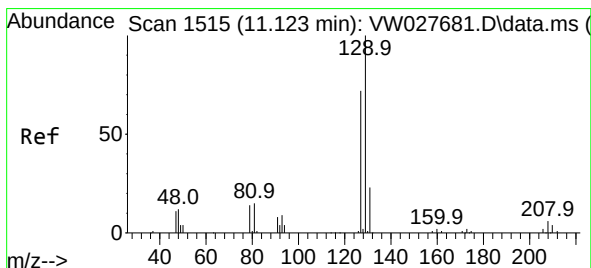
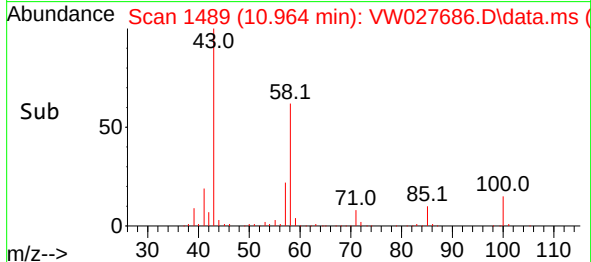
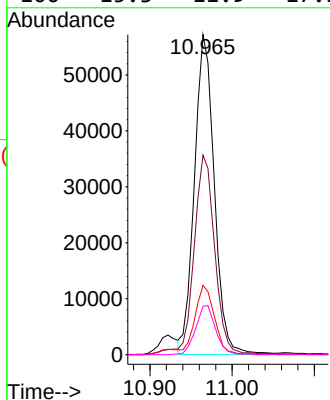
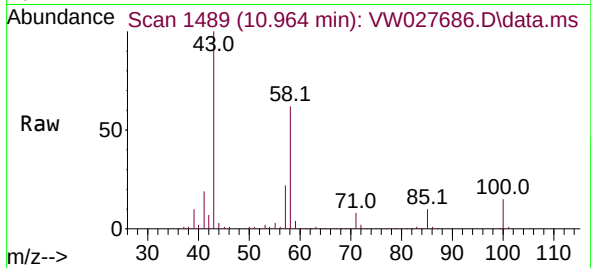




#48
2-Hexanone
Concen: 35.465 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

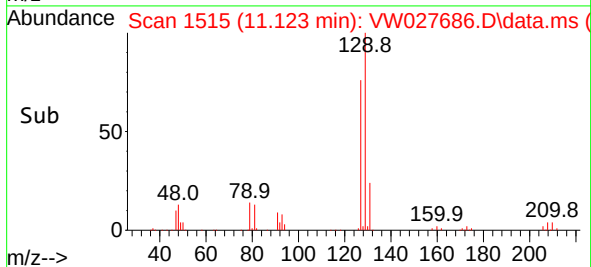
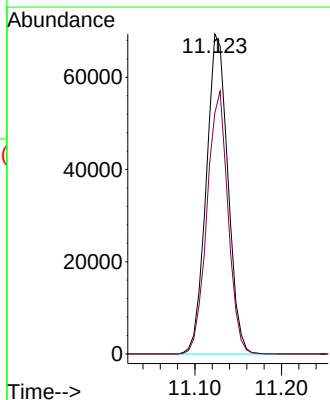
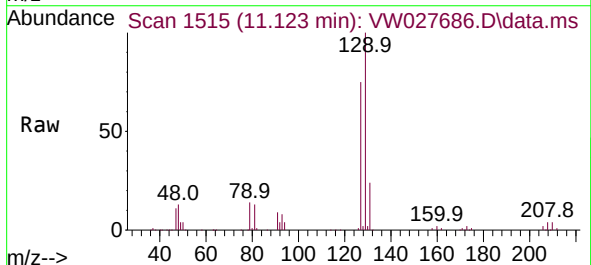
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

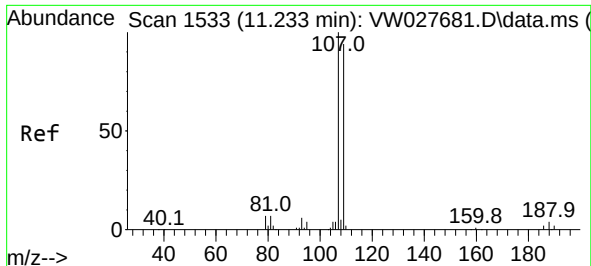
Tgt Ion:	43	Resp:	96295
Ion	Ratio	Lower	Upper
43	100		
58	61.7	50.4	75.6
57	21.3	17.0	25.6
100	15.3	11.9	17.9



#49
Dibromochloromethane
Concen: 18.633 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion:	129	Resp:	120423
Ion	Ratio	Lower	Upper
129	100		
127	75.3	55.4	102.8





#50

1,2-Dibromoethane

Concen: 17.798 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

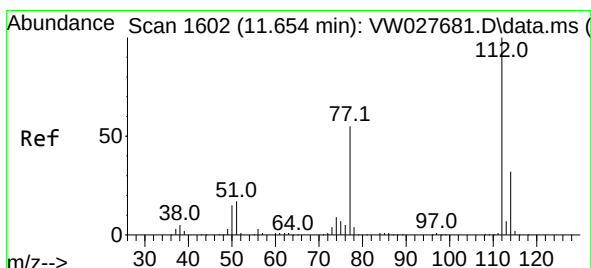
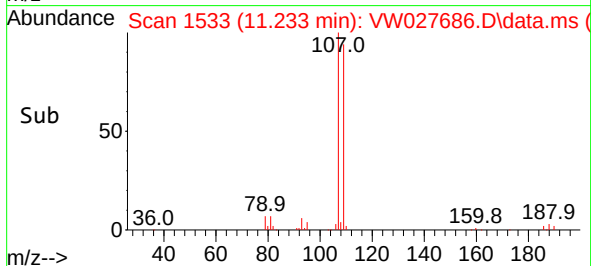
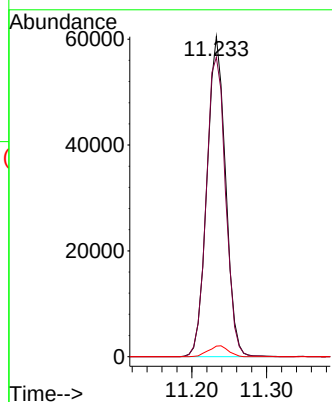
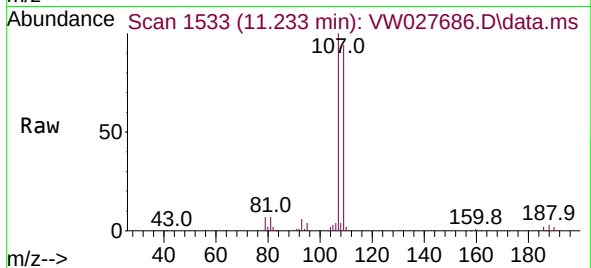
Tgt Ion:107 Resp: 104518

Ion Ratio Lower Upper

107 100

109 93.6 72.1 133.9

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 18.412 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

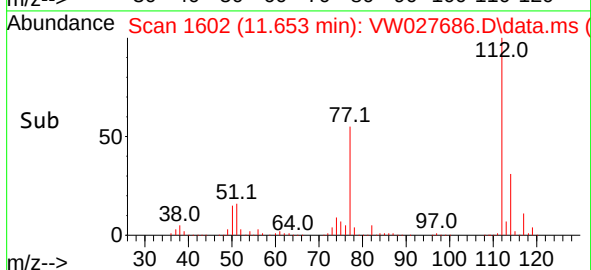
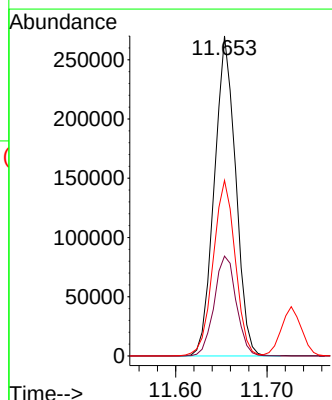
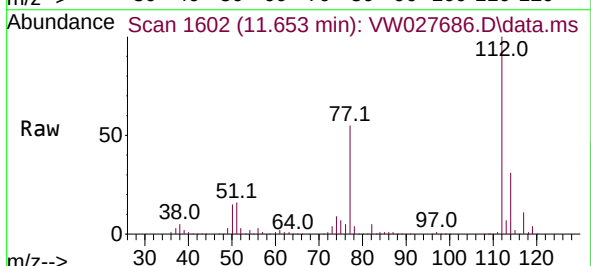
Tgt Ion:112 Resp: 437613

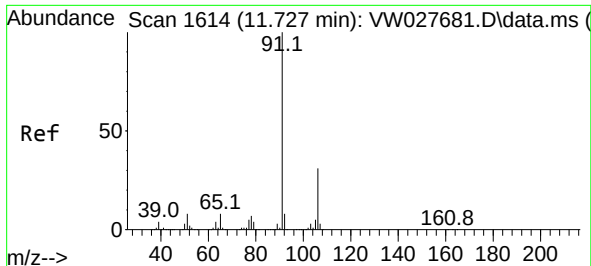
Ion Ratio Lower Upper

112 100

114 31.2 25.0 46.4

77 54.9 48.1 72.1

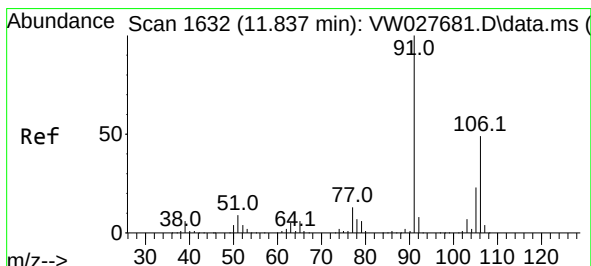
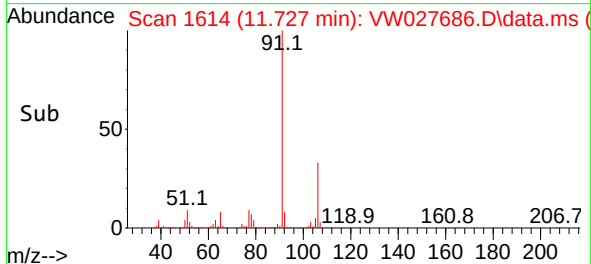
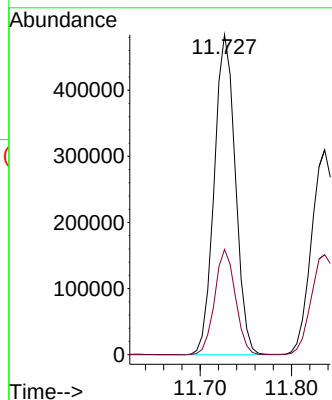
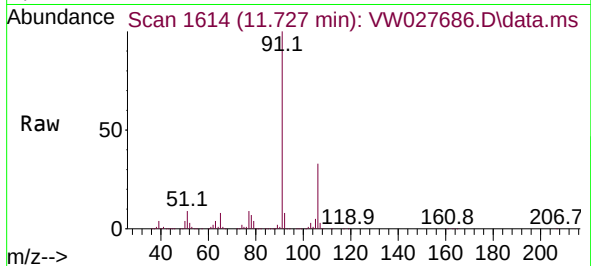




#52
Ethylbenzene
Concen: 18.518 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

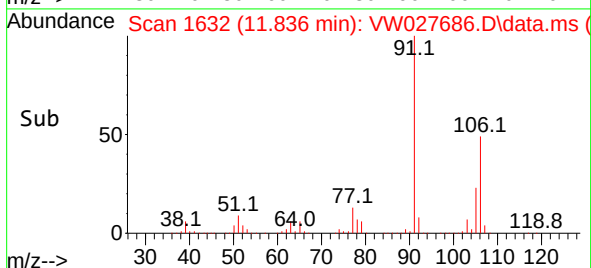
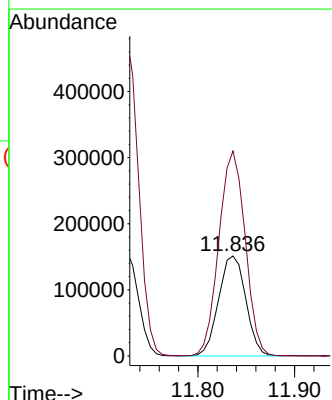
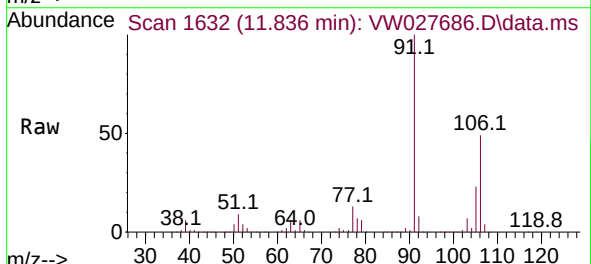
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

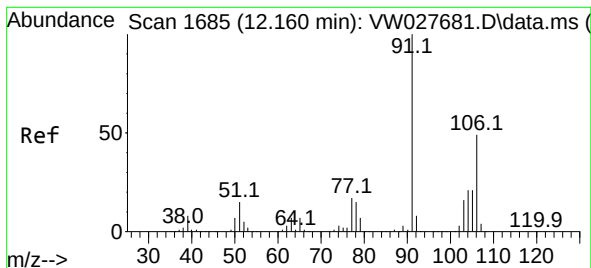
Tgt Ion: 91 Resp: 776301
Ion Ratio Lower Upper
91 100
106 32.9 23.7 44.1



#53
m,p-Xylene
Concen: 18.279 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion:106 Resp: 294326
Ion Ratio Lower Upper
106 100
91 205.2 135.7 251.9





#54

o-Xylene

Concen: 19.305 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

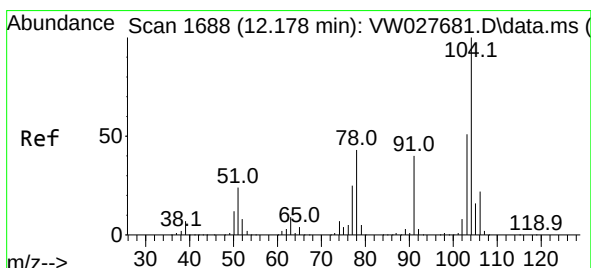
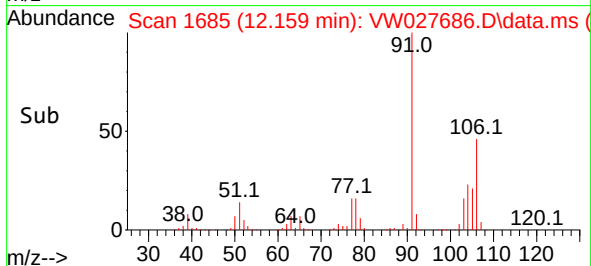
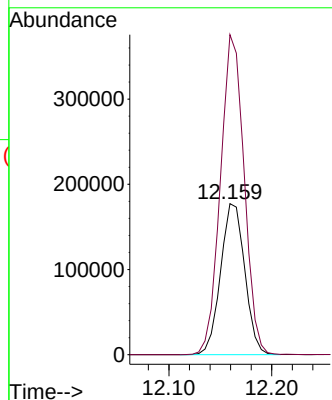
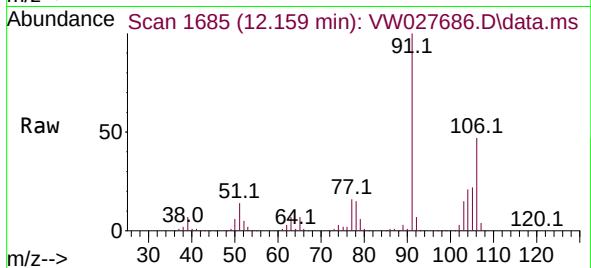
DCLP8MS

Tgt Ion:106 Resp: 289465

Ion Ratio Lower Upper

106 100

91 211.8 149.9 278.3



#55

Styrene

Concen: 19.744 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027686.D

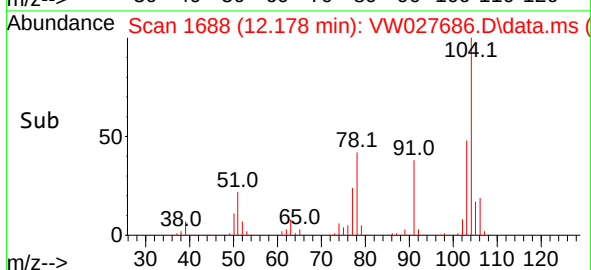
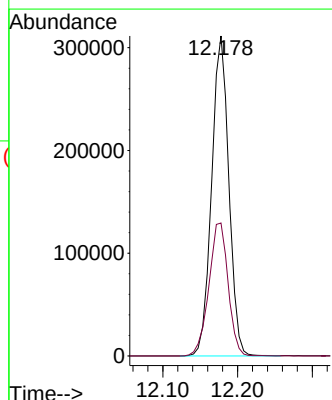
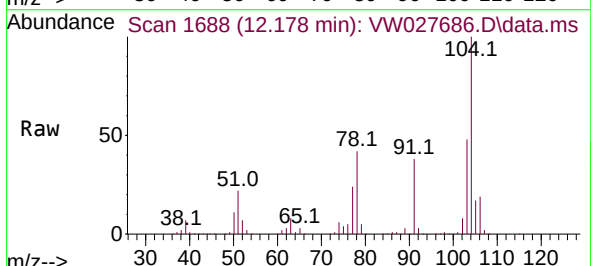
Acq: 16 Dec 2023 13:01

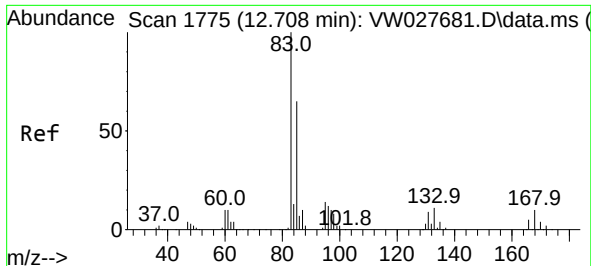
Tgt Ion:104 Resp: 499046

Ion Ratio Lower Upper

104 100

78 41.6 29.6 55.0





#57

1,1,2-Tetrachloroethane

Concen: 18.008 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

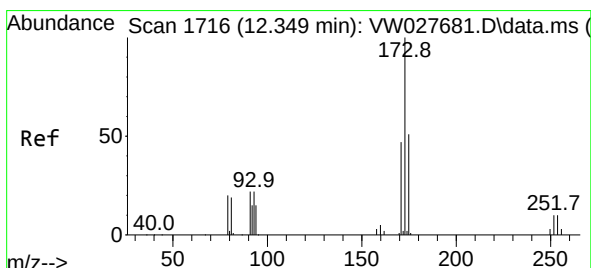
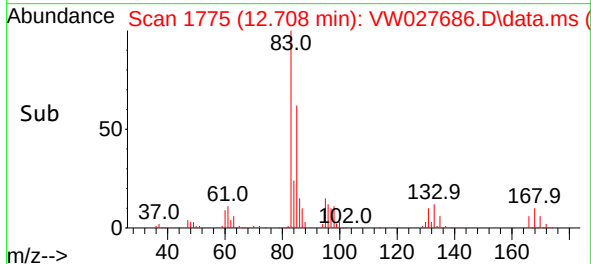
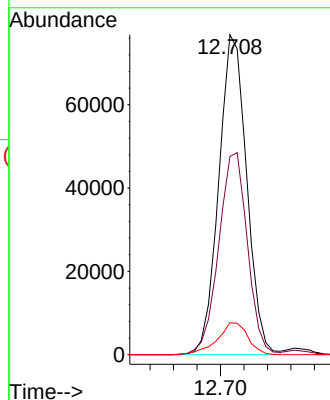
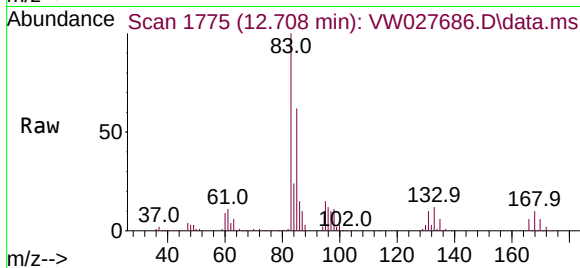
Tgt Ion: 83 Resp: 126847

Ion Ratio Lower Upper

83 100

85 62.0 45.8 85.2

131 10.0 7.0 10.6



#59

Bromoform

Concen: 17.703 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

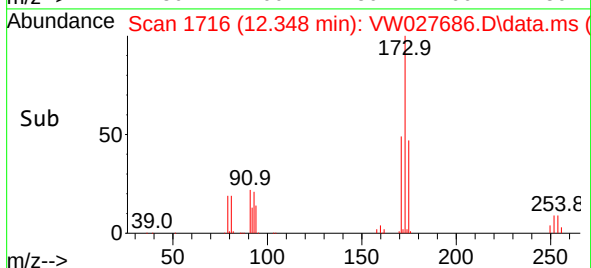
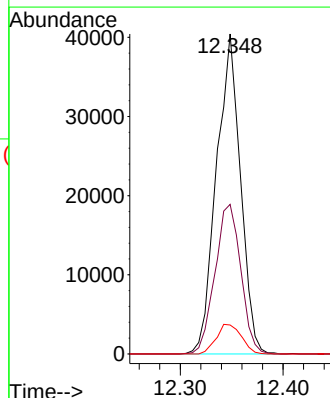
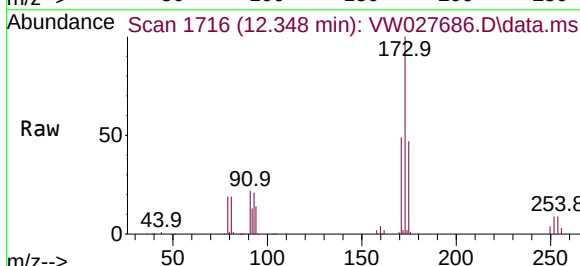
Tgt Ion: 173 Resp: 65645

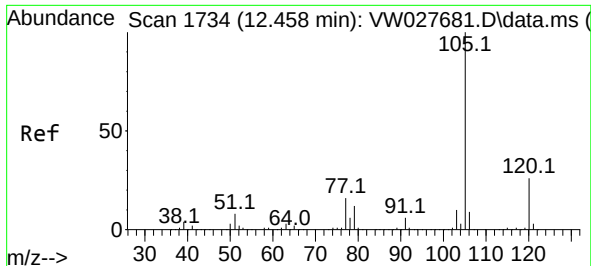
Ion Ratio Lower Upper

173 100

175 50.1 36.3 54.5

254 9.7 7.5 11.3

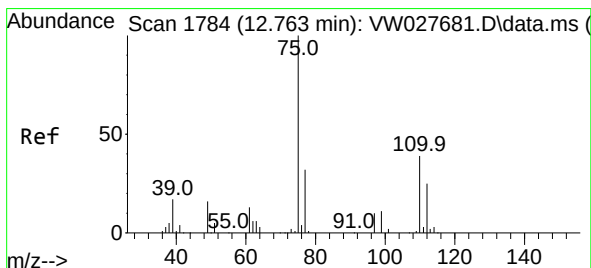
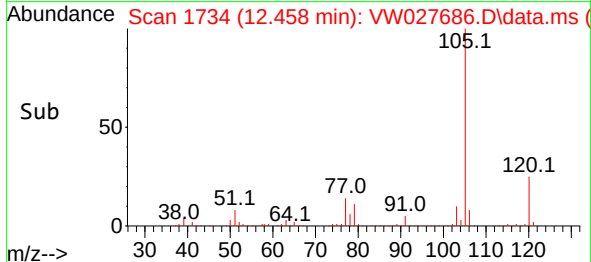
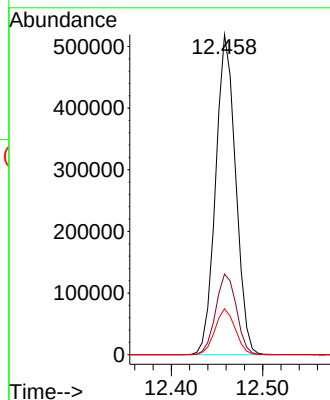
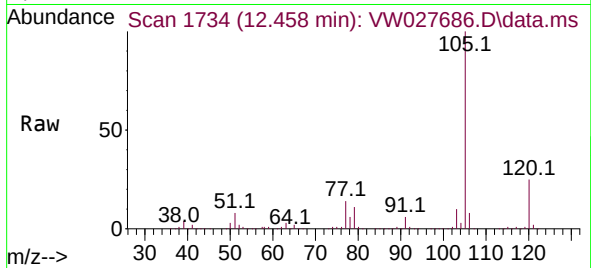




#60
Isopropylbenzene
Concen: 18.490 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

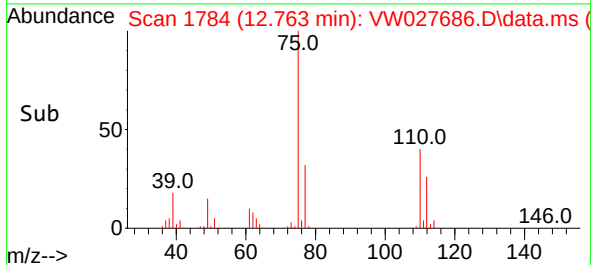
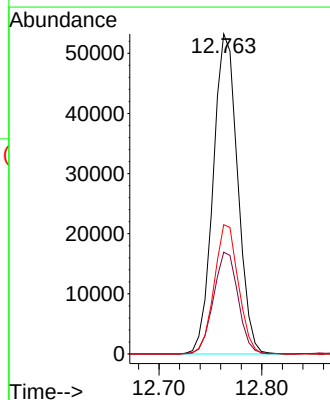
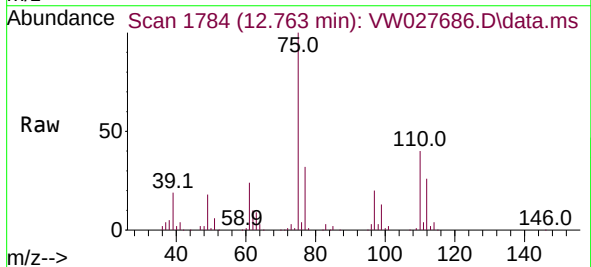
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

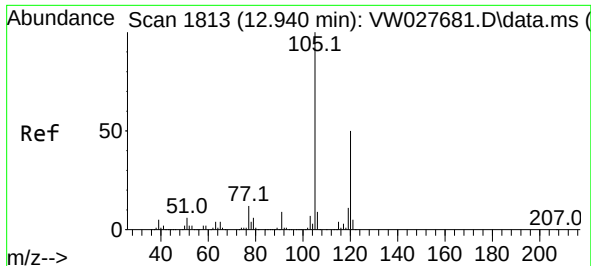
Tgt Ion:105 Resp: 790547
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 14.5 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 17.447 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion: 75 Resp: 88092
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
110 39.9 32.2 48.2

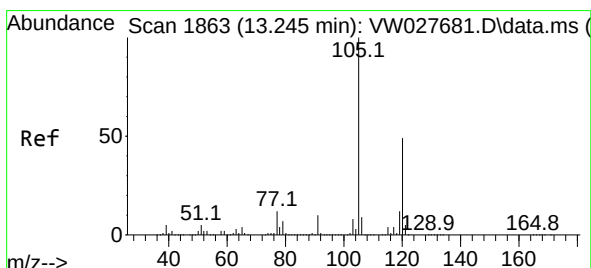
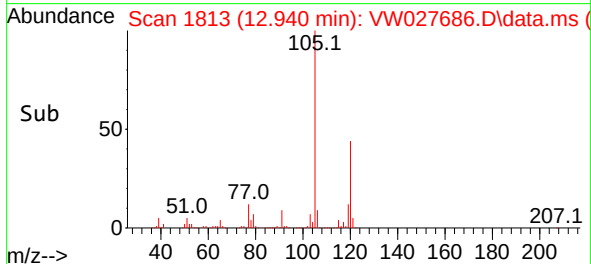
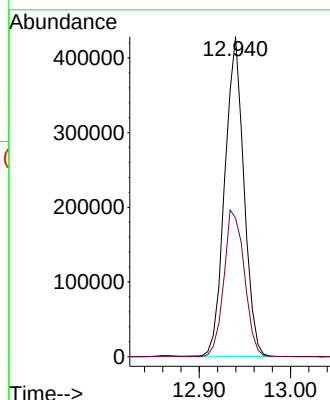
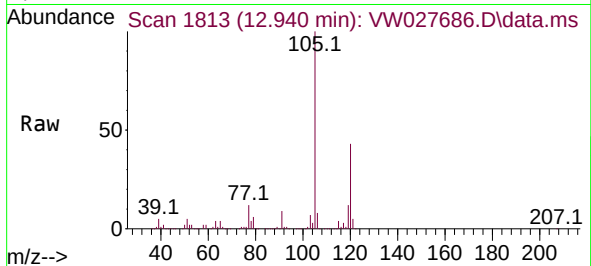




#62
1,3,5-Trimethylbenzene
Concen: 18.221 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

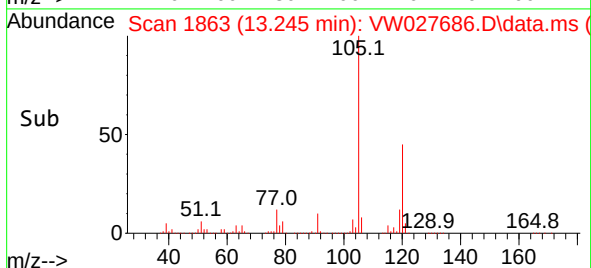
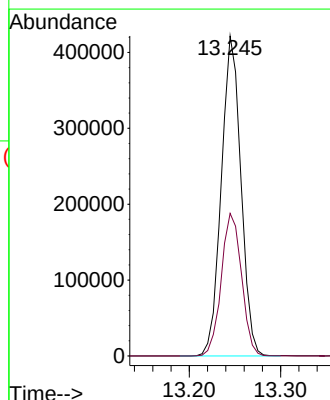
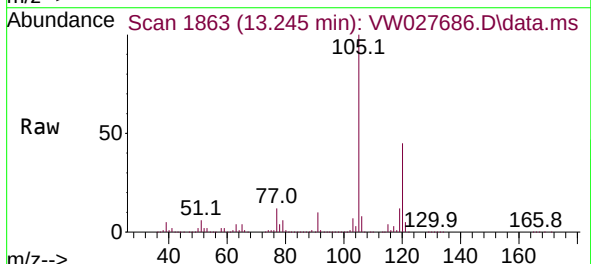
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

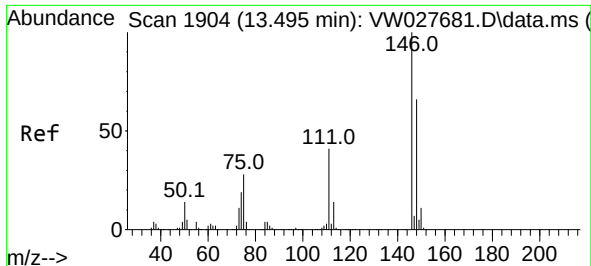
Tgt Ion:105 Resp: 622769
Ion Ratio Lower Upper
105 100
120 49.2 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 18.705 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion:105 Resp: 629313
Ion Ratio Lower Upper
105 100
120 46.0 36.4 54.6

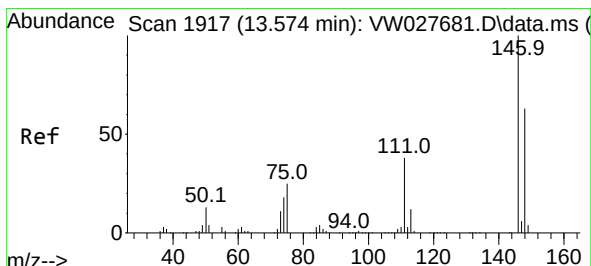
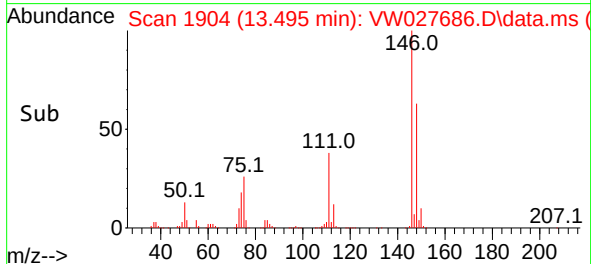
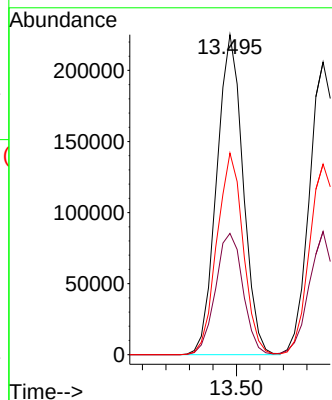
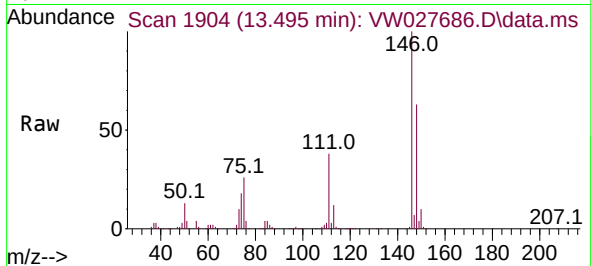




#64
1,3-Dichlorobenzene
Concen: 19.022 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

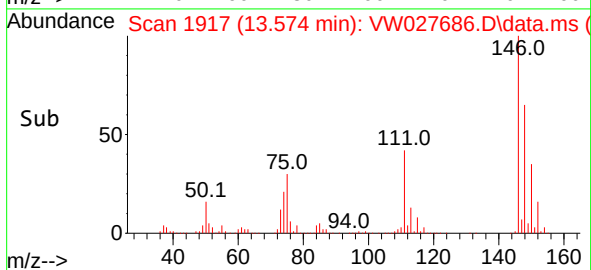
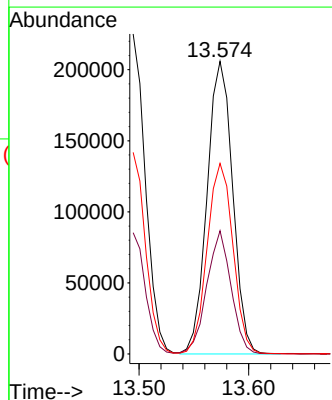
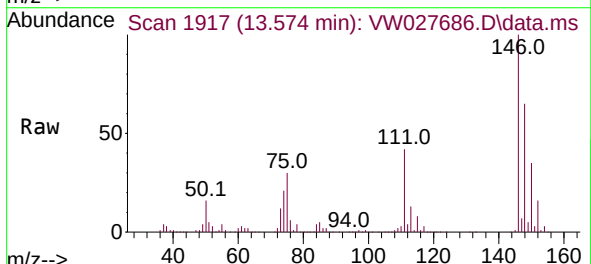
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MS

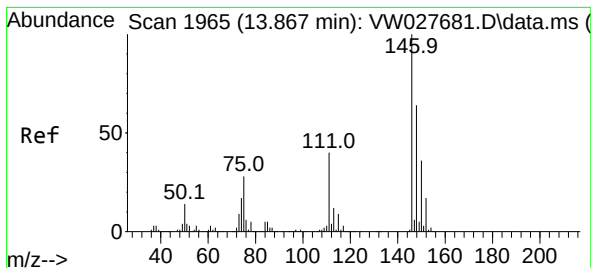
Tgt Ion:146 Resp: 351440
Ion Ratio Lower Upper
146 100
111 37.9 31.1 57.7
148 63.0 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 18.017 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027686.D
Acq: 16 Dec 2023 13:01

Tgt Ion:146 Resp: 334357
Ion Ratio Lower Upper
146 100
111 42.1 26.2 48.6
148 65.1 46.3 85.9





#67

1,2-Dichlorobenzene

Concen: 18.633 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

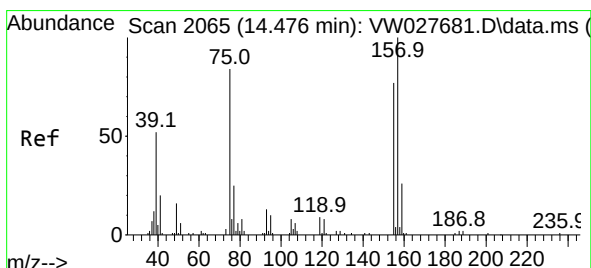
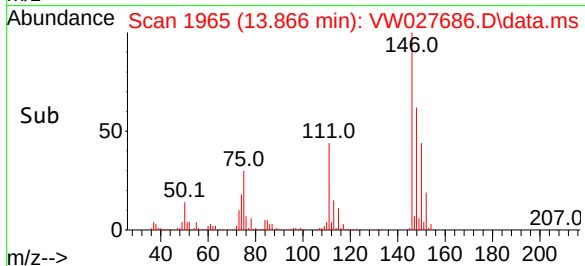
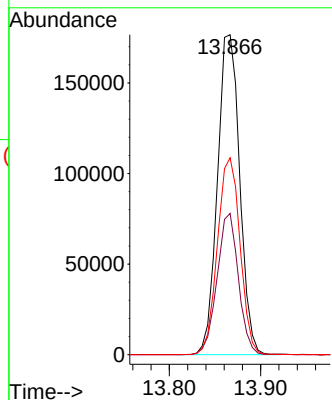
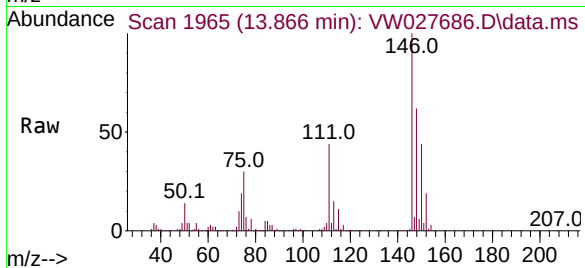
Tgt Ion:146 Resp: 299361

Ion Ratio Lower Upper

146 100

111 44.2 32.1 48.1

148 61.5 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 17.268 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

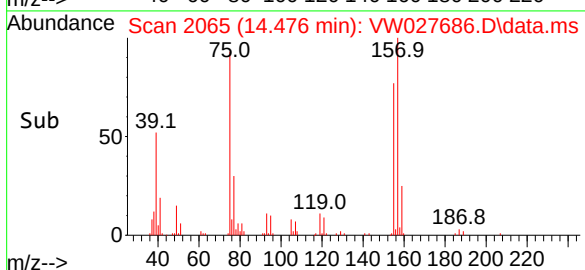
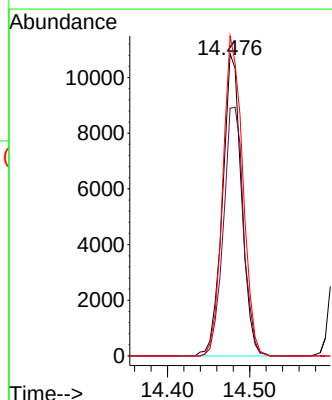
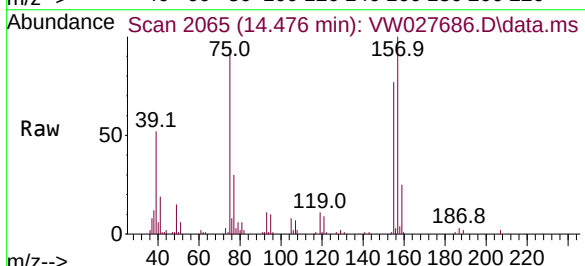
Tgt Ion: 75 Resp: 17417

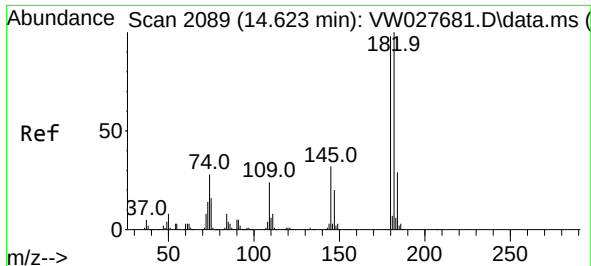
Ion Ratio Lower Upper

75 100

155 81.9 59.8 89.6

157 105.8 87.5 131.3





#69

1,3,5-Trichlorobenzene

Concen: 17.919 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

Tgt Ion:180 Resp: 230362

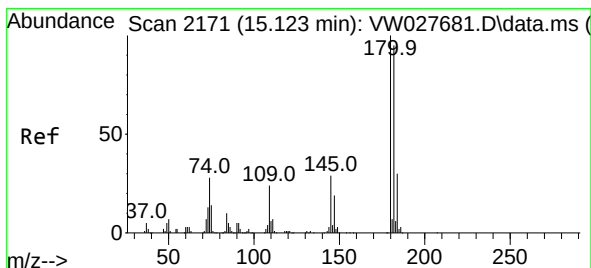
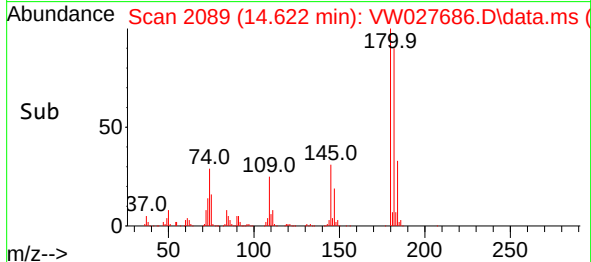
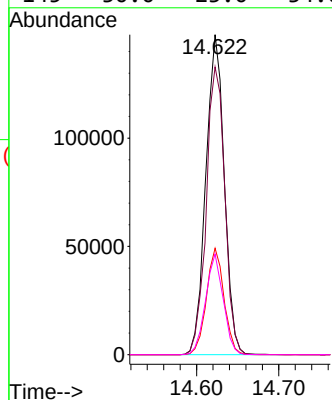
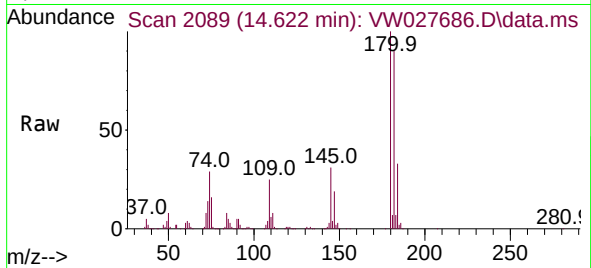
Ion Ratio Lower Upper

180 100

182 90.5 72.6 109.0

184 31.7 23.0 34.6

145 30.0 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 18.080 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

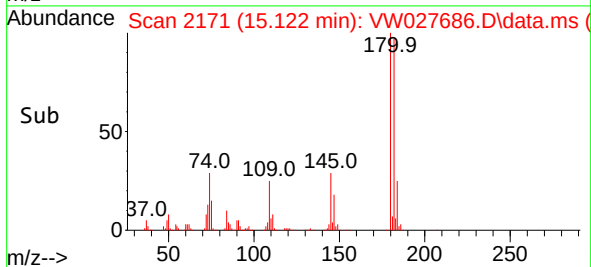
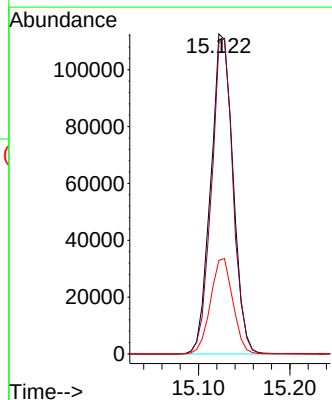
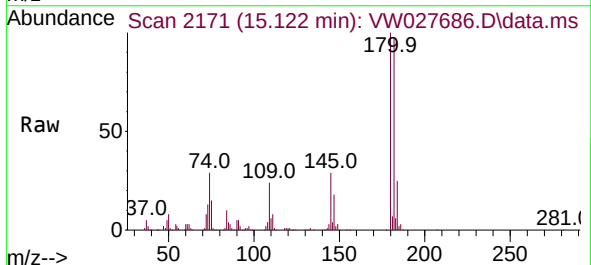
Tgt Ion:180 Resp: 190877

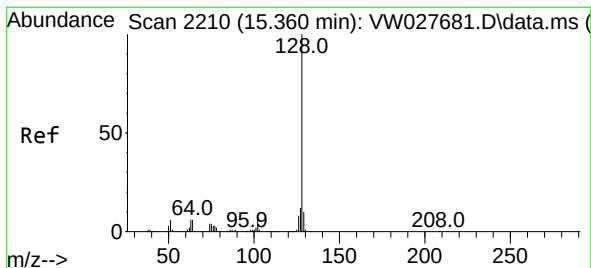
Ion Ratio Lower Upper

180 100

182 94.9 69.7 104.5

145 29.9 24.1 36.1





#71

Naphthalene

Concen: 17.805 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MS

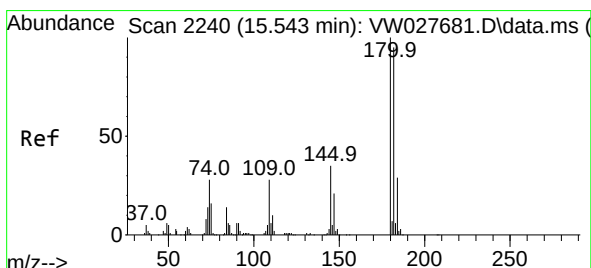
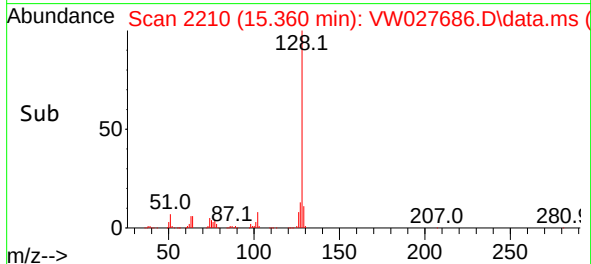
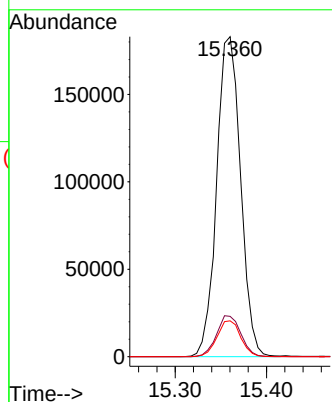
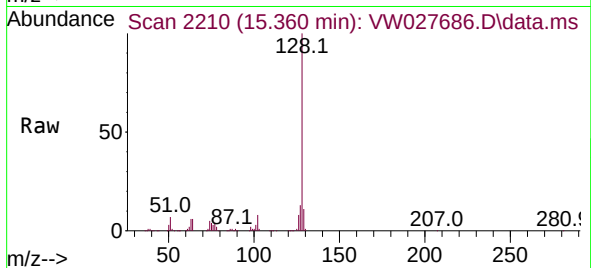
Tgt Ion:128 Resp: 333093

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 18.235 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW027686.D

Acq: 16 Dec 2023 13:01

Tgt Ion:180 Resp: 160961

Ion Ratio Lower Upper

180 100

182 95.1 75.5 113.3

145 32.2 25.0 37.6

