

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027687.D
 Acq On : 16 Dec 2023 13:25
 Operator : SY/MD
 Sample : 05788-20MSD
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLP8MSD

Quant Time: Dec 17 00:17:45 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	597010	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	553778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	161556	19.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
7) Chloroethane-d5	2.899	69	126336	19.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
11) 1,1-Dichloroethene-d2	4.015	65	66694	19.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.800%
21) 2-Butanone-d5	7.087	46	64631	44.890	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.780%
24) Chloroform-d	7.648	84	309295	21.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	8.301	65	147123	22.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.240%
32) Benzene-d6	8.270	84	669422	20.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.720%
36) 1,2-Dichloropropane-d6	9.270	67	193871	21.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.560%
41) Toluene-d8	10.319	98	616106	20.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	10.575	79	79611	22.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.922	63	61343	45.908	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151341	21.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	209504	20.766	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	120713	17.372	ug/L	94
3) Chloromethane	2.222	50	163238	19.945	ug/L	98
5) Vinyl chloride	2.375	62	190517	19.566	ug/L	99
6) Bromomethane	2.789	94	124902	20.153	ug/L	96
8) Chloroethane	2.936	64	108180	18.582	ug/L	99
9) Trichlorofluoromethane	3.265	101	169684	19.295	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147421	19.734	ug/L	99
12) 1,1-Dichloroethene	4.045	96	149307	20.417	ug/L	93
13) Acetone	4.149	43	51390	39.320	ug/L	99
14) Carbon disulfide	4.387	76	481925	19.616	ug/L	100
15) Methyl Acetate	4.679	43	47410	20.078	ug/L	97
16) Methylene chloride	4.917	84	162569	17.367	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	154981	20.042	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	219073	21.428	ug/L	100
19) 1,1-Dichloroethane	6.216	63	267409	20.336	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	174325	21.415	ug/L	95
22) 2-Butanone	7.179	43	67914	39.131	ug/L	97
23) Bromochloromethane	7.514	128	74971	21.811	ug/L	93
25) Chloroform	7.673	83	271558	20.969	ug/L	97

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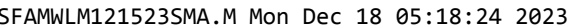
Instrument :
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 ClientSampleId :
 DCLP8MSD

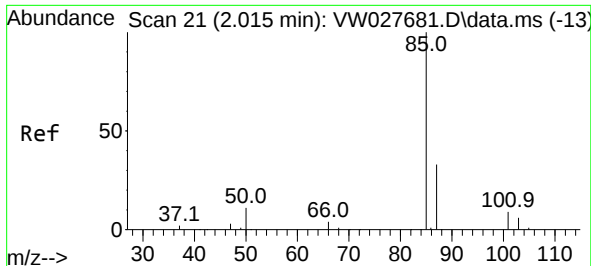
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 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	162451	21.396	ug/L	97
29) Cyclohexane	7.959	56	246984	18.850	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	219321	18.960	ug/L	99
31) Carbon tetrachloride	8.069	117	193920	19.049	ug/L	97
33) Benzene	8.325	78	637171	19.848	ug/L	100
34) Trichloroethene	9.093	95	166250	18.999	ug/L	97
35) Methylcyclohexane	9.331	83	301415	19.098	ug/L	99
37) 1,2-Dichloropropane	9.367	63	156461	20.191	ug/L	100
38) Bromodichloromethane	9.642	83	192146	20.400	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	246458	20.867	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	137717	40.661	ug/L	99
42) Toluene	10.386	91	676071	19.573	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	197849	21.271	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	118416	20.640	ug/L	99
46) Tetrachloroethene	10.861	164	132241	18.926	ug/L	92
48) 2-Hexanone	10.965	43	101002	40.065	ug/L	99
49) Dibromochloromethane	11.123	129	124566	20.759	ug/L	90
50) 1,2-Dibromoethane	11.233	107	111230	20.401	ug/L	88
51) Chlorobenzene	11.654	112	448172	20.309	ug/L	95
52) Ethylbenzene	11.727	91	764762	19.648	ug/L	95
53) m,p-Xylene	11.837	106	293091	19.604	ug/L	90
54) o-Xylene	12.166	106	290019	20.833	ug/L	85
55) Styrene	12.178	104	497960	21.219	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	132059	20.193	ug/L	99
59) Bromoform	12.349	173	70383	20.401	ug/L	96
60) Isopropylbenzene	12.458	105	792553	19.924	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	92013	19.588	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	634496	19.954	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	651043	20.799	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	350809	20.409	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	347906	20.150	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	307972	20.604	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	18513	19.728	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	245312	20.511	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	192718	19.621	ug/L	93
71) Naphthalene	15.360	128	363643	20.893	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	164227	19.998	ug/L	93

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

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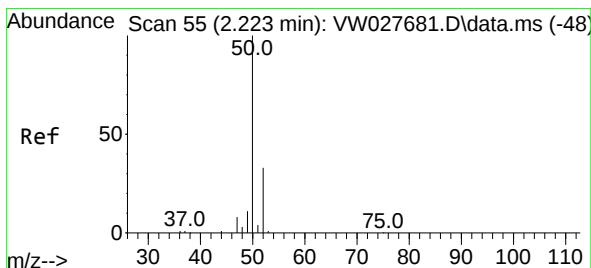
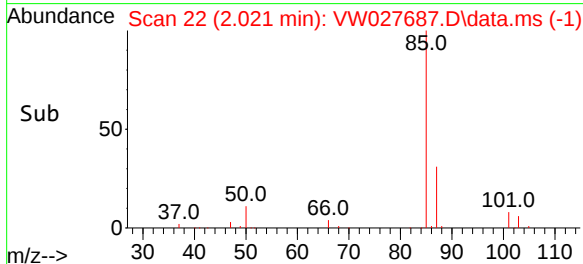
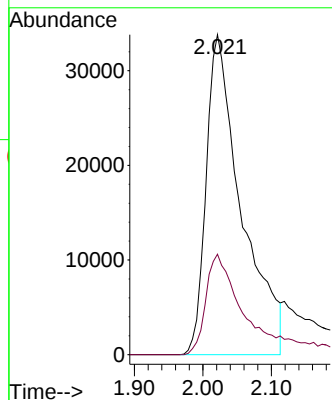
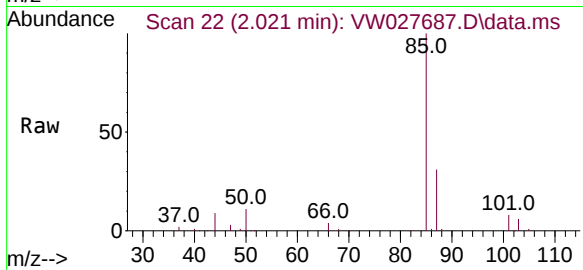




#2
Dichlorodifluoromethane
Concen: 17.372 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027687.D
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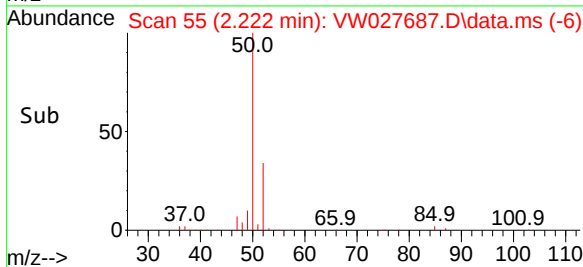
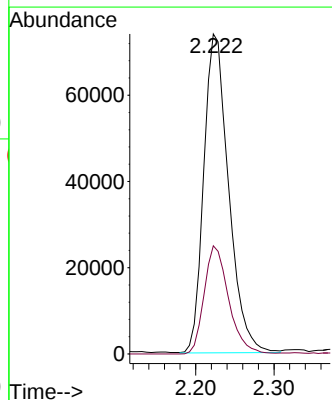
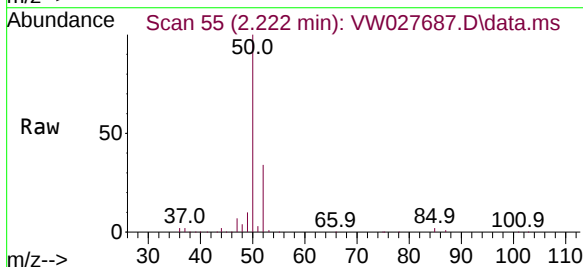
Instrument :
MSVOA_W
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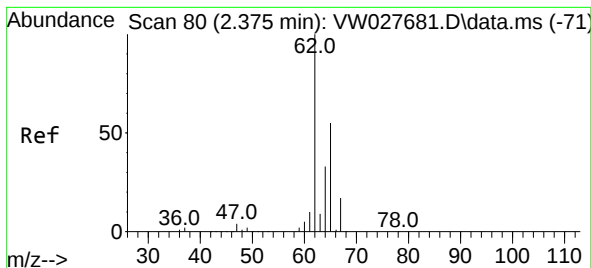
Tgt Ion: 85 Resp: 120713
Ion Ratio Lower Upper
85 100
87 32.0 23.2 34.8



#3
Chloromethane
Concen: 19.945 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 50 Resp: 163238
Ion Ratio Lower Upper
50 100
52 33.8 22.8 42.4





#5

Vinyl chloride

Concen: 19.566 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

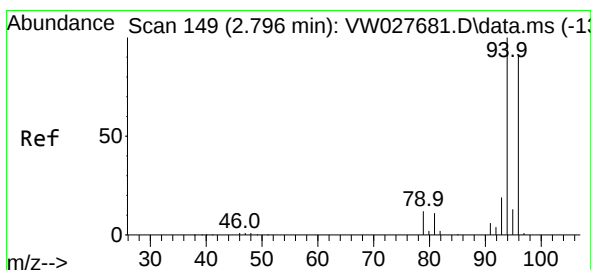
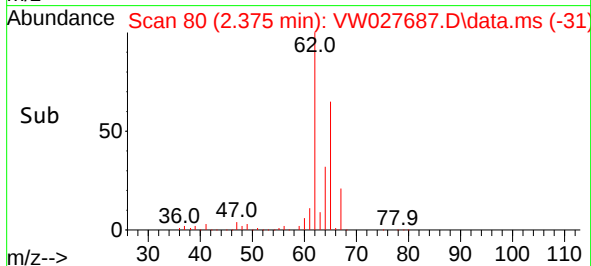
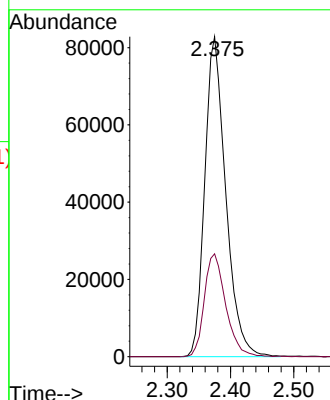
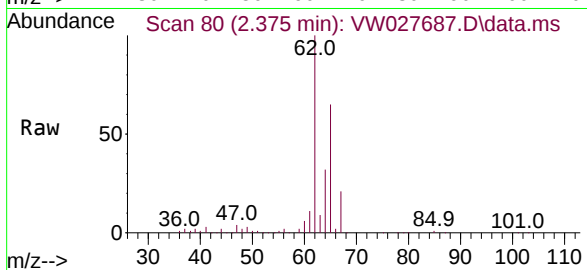
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Tgt Ion: 62 Resp: 190517

Ion Ratio Lower Upper

62 100

64 32.1 22.2 41.2



#6

Bromomethane

Concen: 20.153 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW027687.D

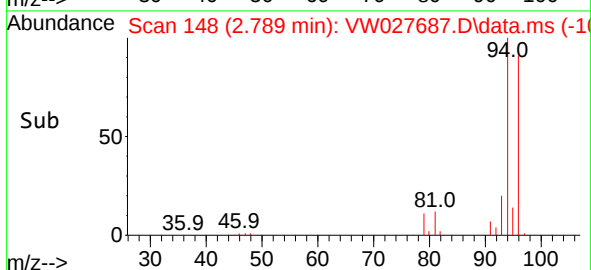
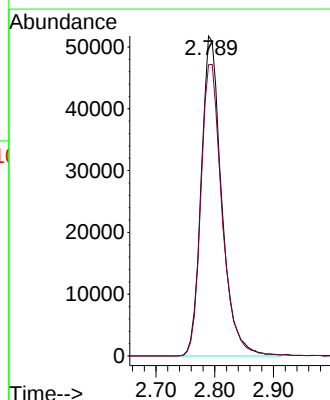
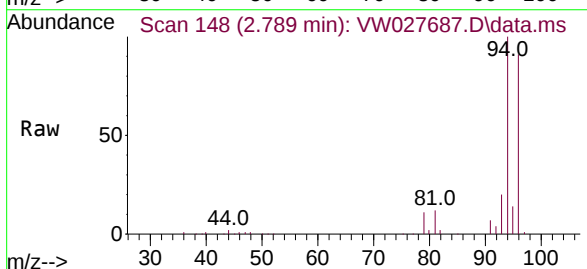
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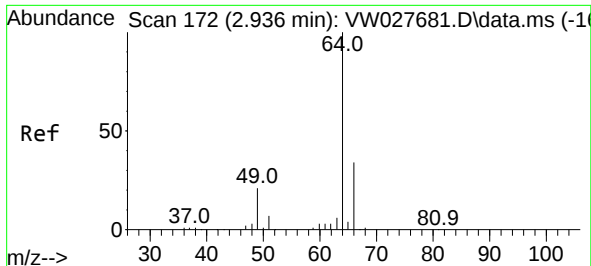
Tgt Ion: 94 Resp: 124902

Ion Ratio Lower Upper

94 100

96 91.0 61.2 113.8

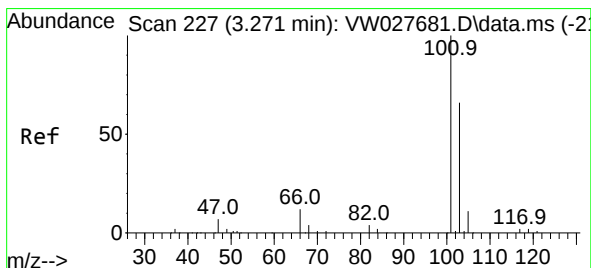
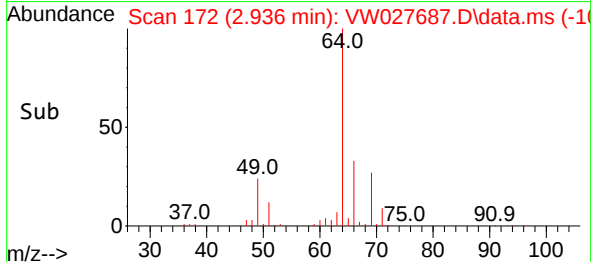
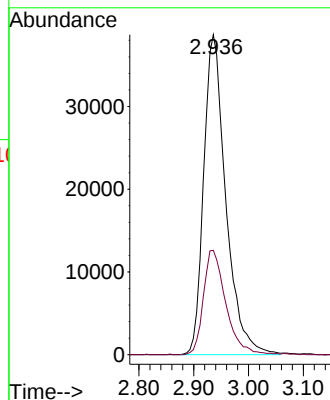
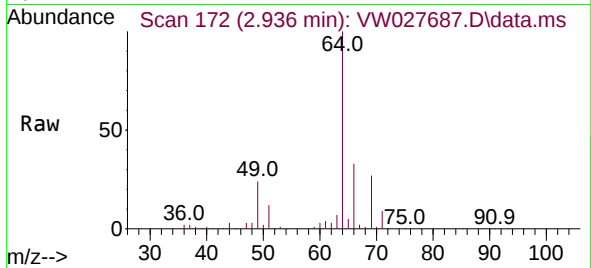




#8
Chloroethane
Concen: 18.582 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

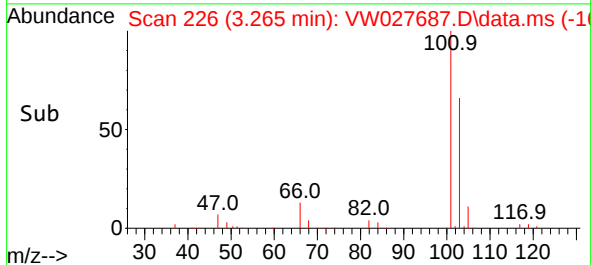
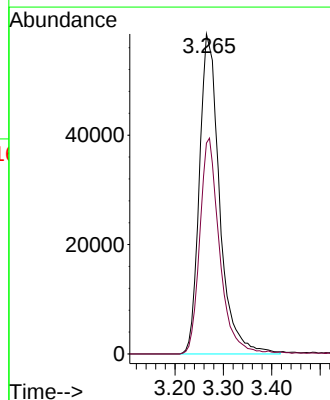
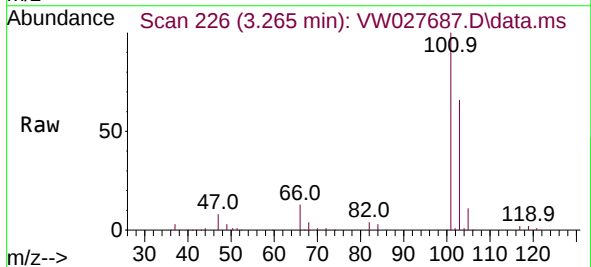
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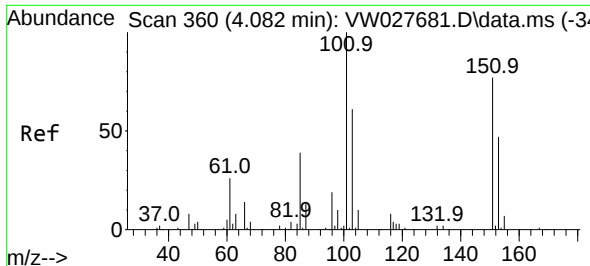
Tgt Ion: 64 Resp: 108180
Ion Ratio Lower Upper
64 100
66 32.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 19.295 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion:101 Resp: 169684
Ion Ratio Lower Upper
101 100
103 65.7 51.1 76.7

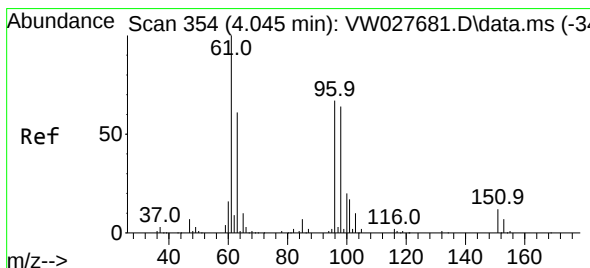
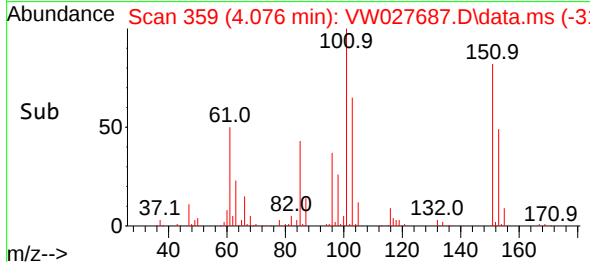
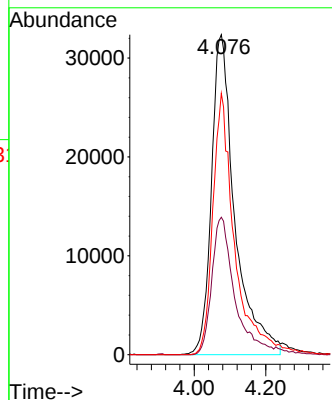
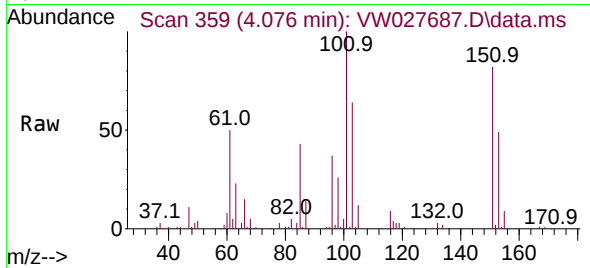




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.734 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027687.D
 Acq: 16 Dec 2023 13:25

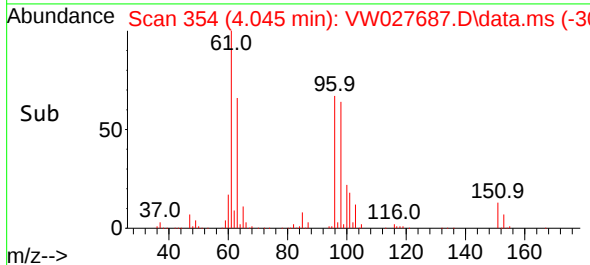
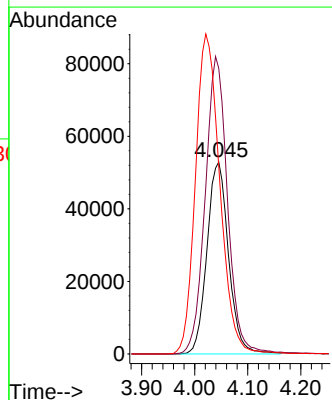
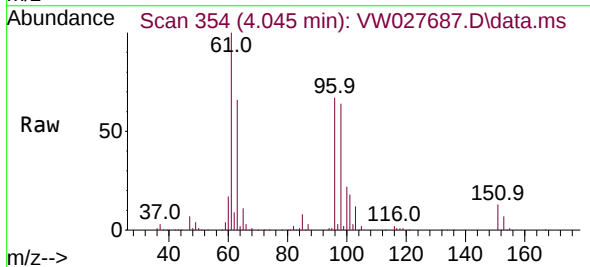
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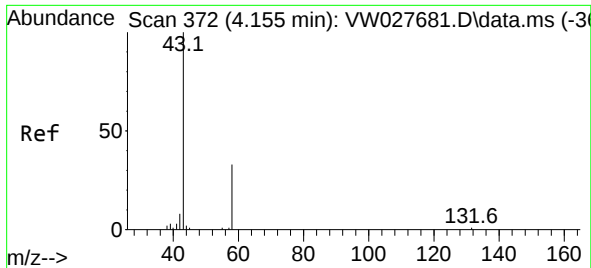
Tgt Ion:101 Resp: 147421
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.0 49.4
 151 74.1 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 20.417 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027687.D
 Acq: 16 Dec 2023 13:25

Tgt Ion: 96 Resp: 149307
 Ion Ratio Lower Upper
 96 100
 61 148.8 110.9 206.1
 63 97.6 73.6 136.6

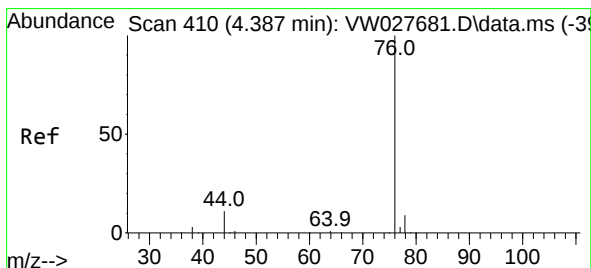
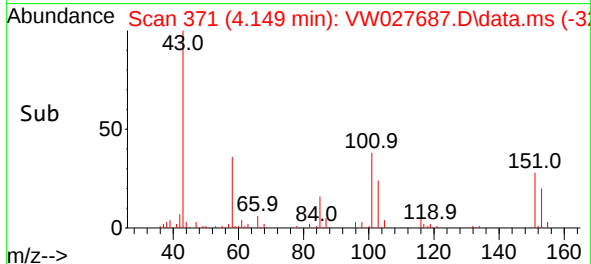
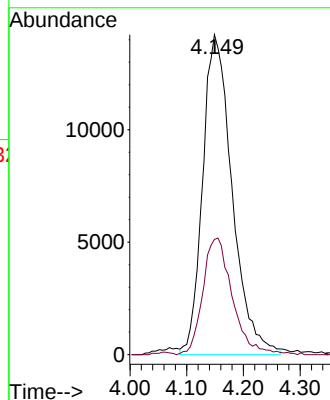
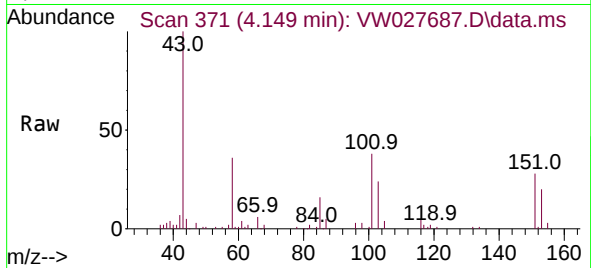




#13
Acetone
Concen: 39.320 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

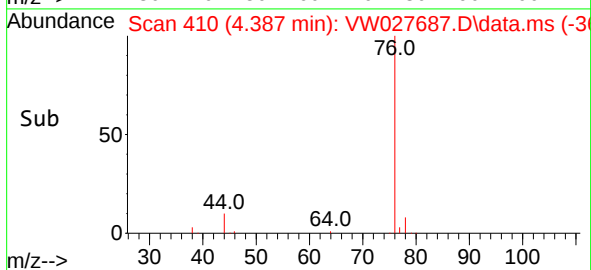
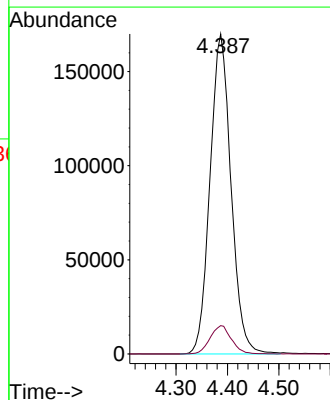
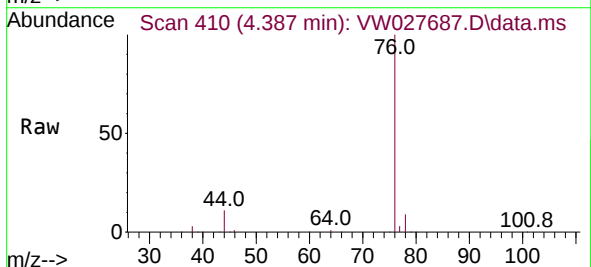
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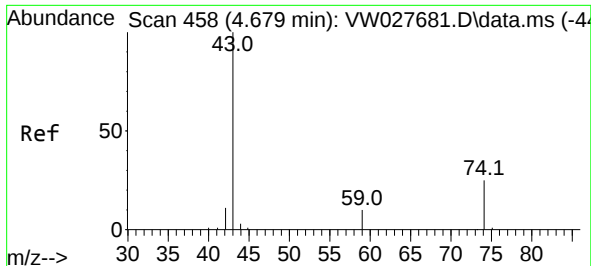
Tgt Ion: 43 Resp: 51390
Ion Ratio Lower Upper
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58 35.0 0.0 68.6



#14
Carbon disulfide
Concen: 19.616 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Acq: 16 Dec 2023 13:25

Tgt Ion: 76 Resp: 481925
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

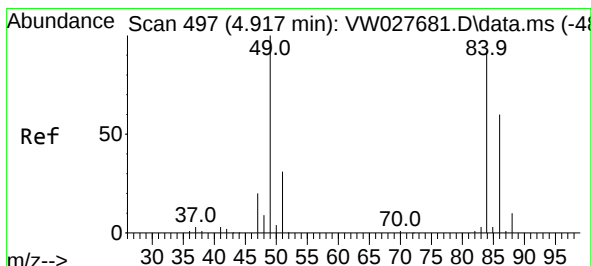
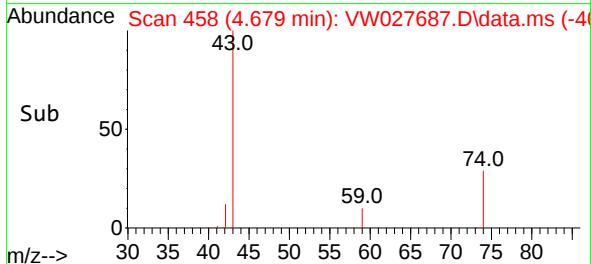
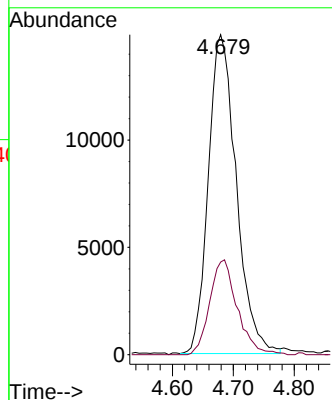
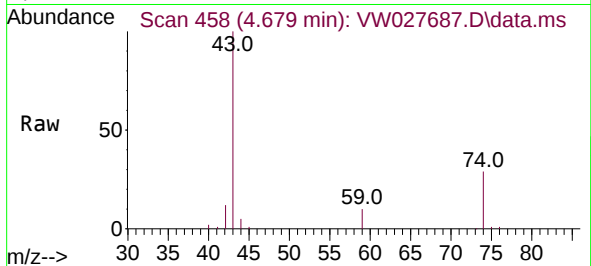




#15
Methyl Acetate
Concen: 20.078 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

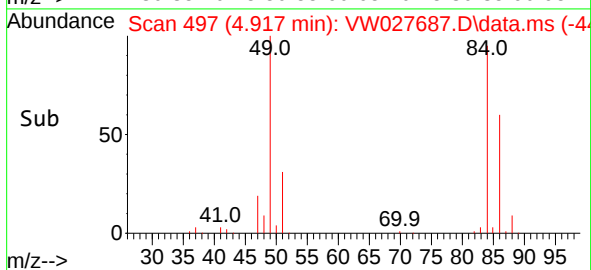
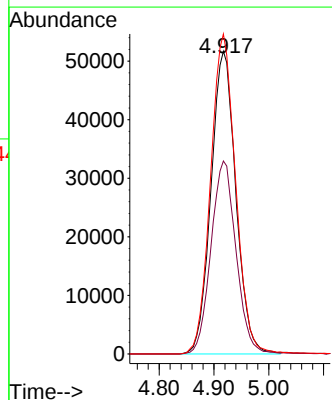
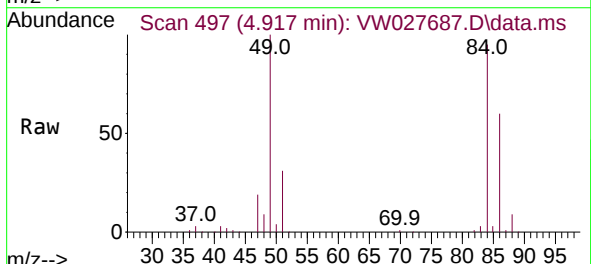
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

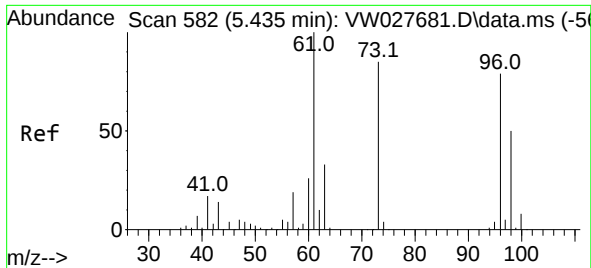
Tgt Ion: 43 Resp: 47410
Ion Ratio Lower Upper
43 100
74 29.2 22.1 33.1



#16
Methylene chloride
Concen: 17.367 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 84 Resp: 162569
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.2
49 105.7 76.2 141.6

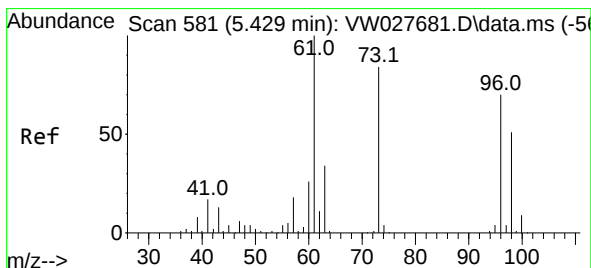
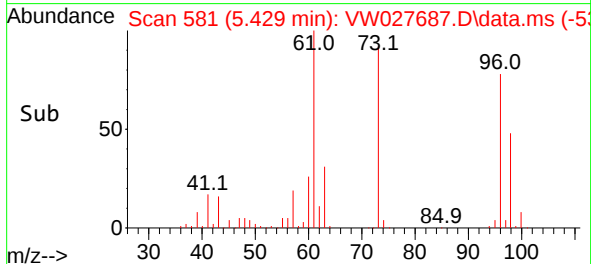
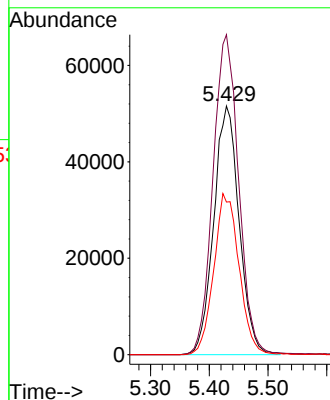
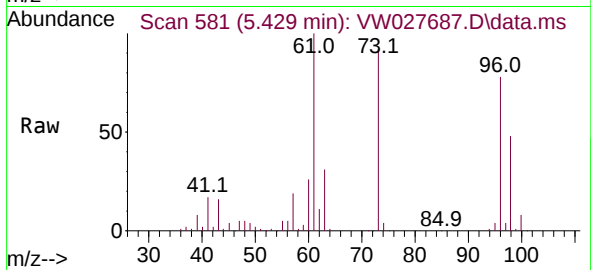




#17
trans-1,2-Dichloroethene
Concen: 20.042 ug/L
RT: 5.429 min Scan# 582
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

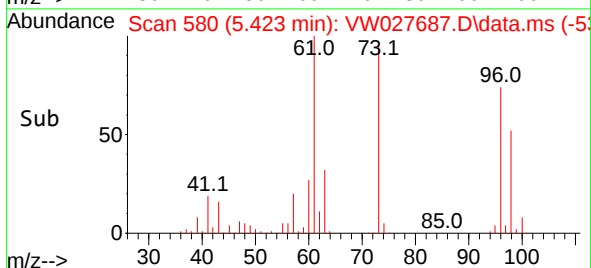
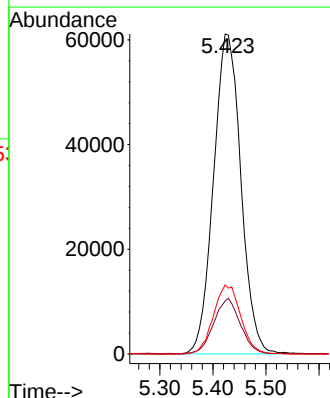
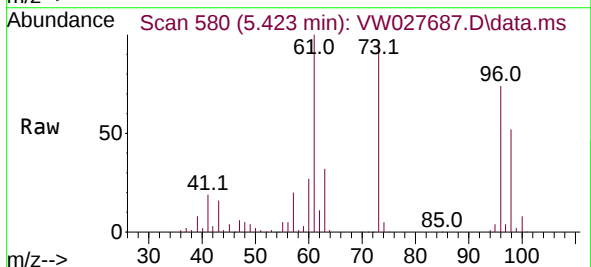
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

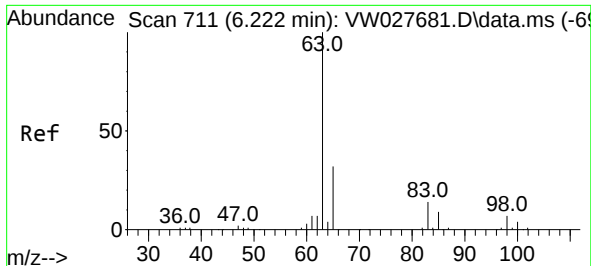
Tgt Ion: 96 Resp: 154981
Ion Ratio Lower Upper
96 100
61 128.7 88.5 164.3
98 61.4 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 21.428 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 73 Resp: 219073
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: 20.336 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MSD

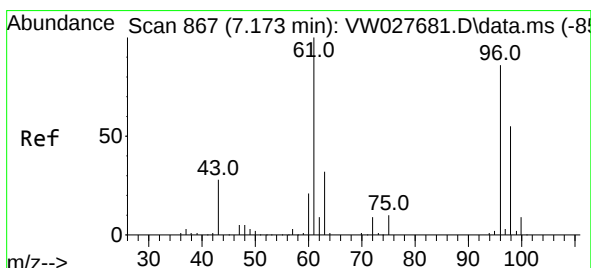
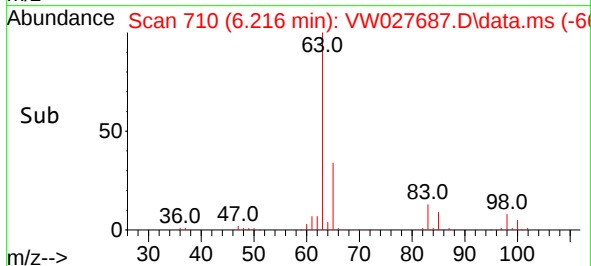
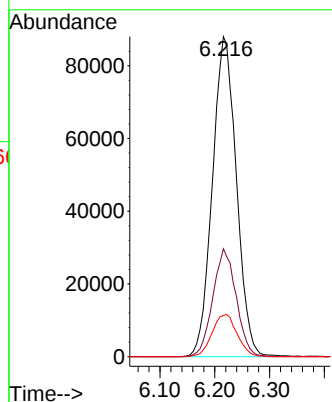
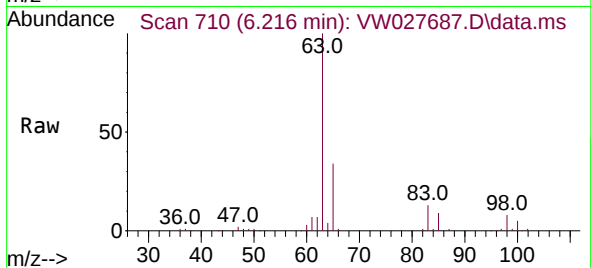
Tgt Ion: 63 Resp: 267409

Ion Ratio Lower Upper

63 100

65 33.7 23.0 42.8

83 12.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 21.415 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

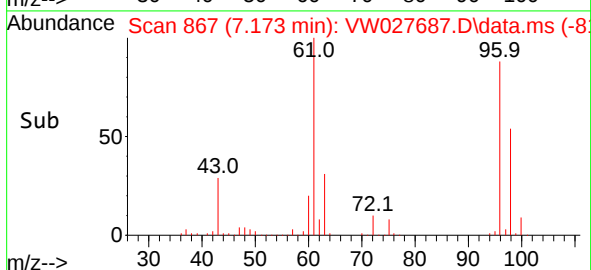
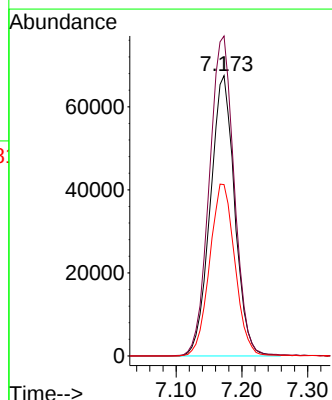
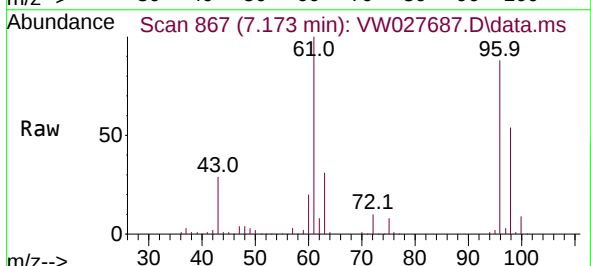
Tgt Ion: 96 Resp: 174325

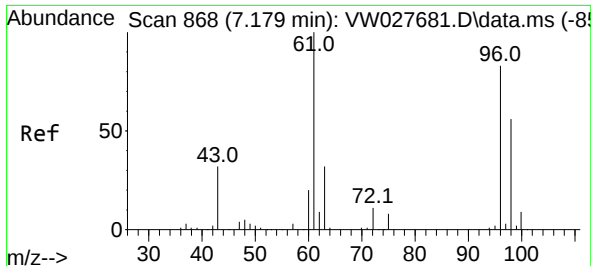
Ion Ratio Lower Upper

96 100

61 114.2 83.5 155.1

98 61.1 46.5 86.5

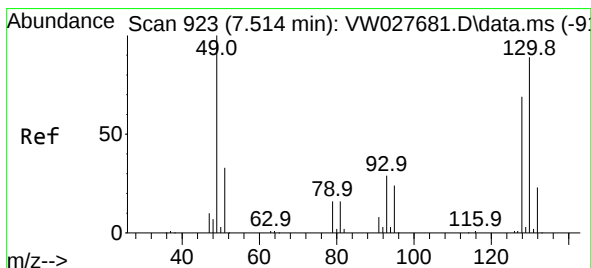
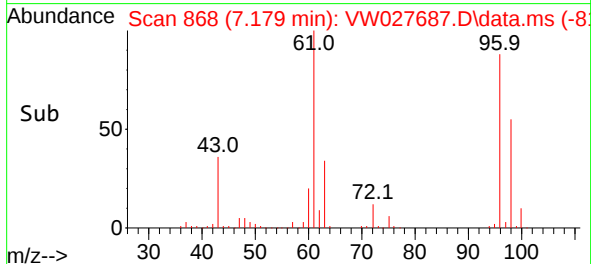
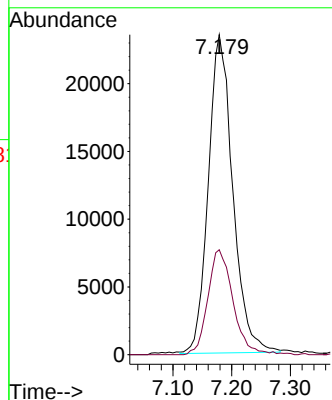
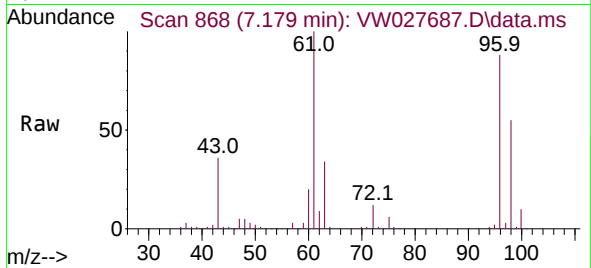




#22
2-Butanone
Concen: 39.131 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

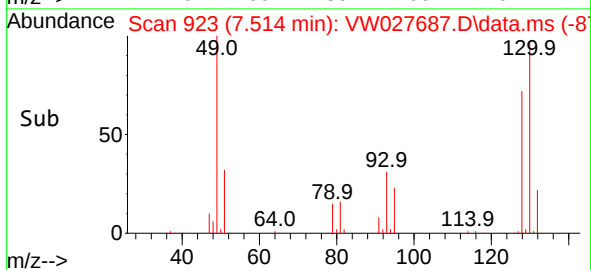
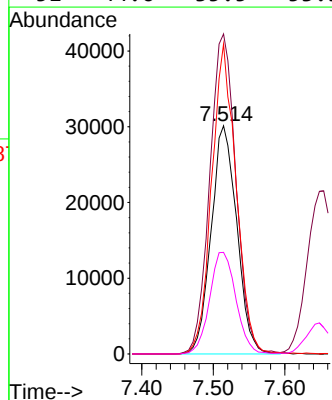
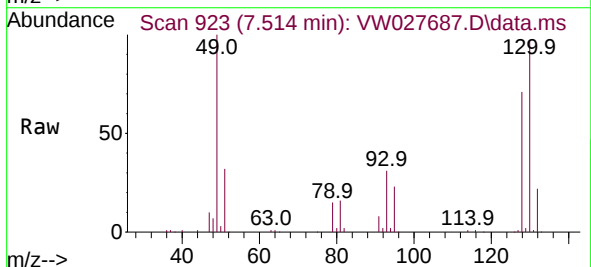
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

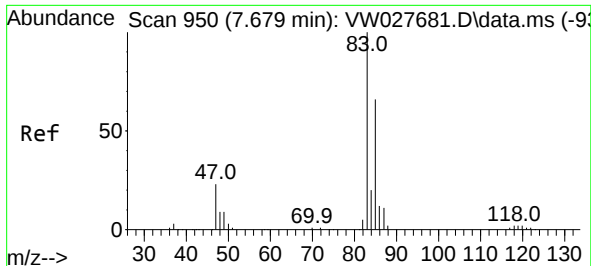
Tgt Ion: 43 Resp: 67914
Ion Ratio Lower Upper
43 100
72 33.6 16.1 48.2



#23
Bromochloromethane
Concen: 21.811 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 128 Resp: 74971
Ion Ratio Lower Upper
128 100
49 140.3 94.1 174.7
130 135.9 86.2 160.0
51 44.6 35.5 53.3

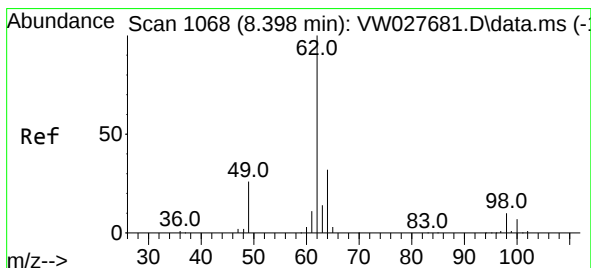
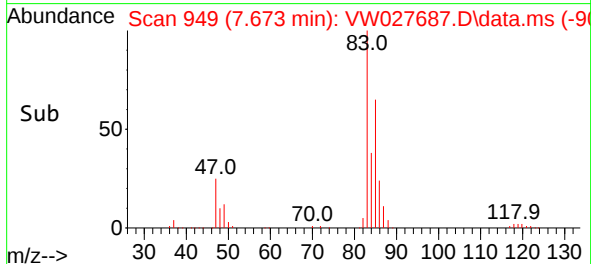
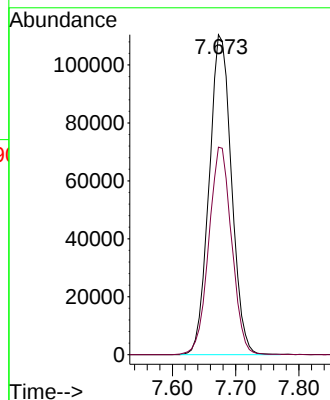
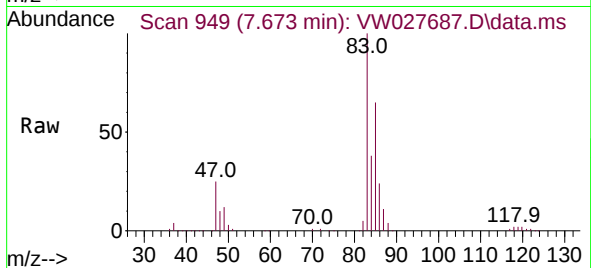




#25
Chloroform
Concen: 20.969 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

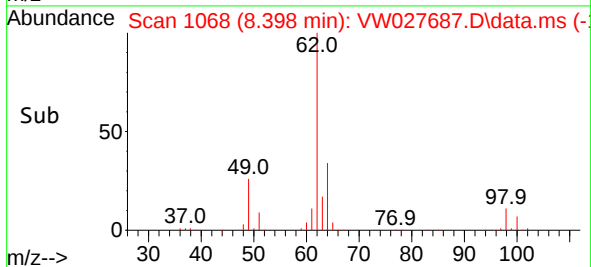
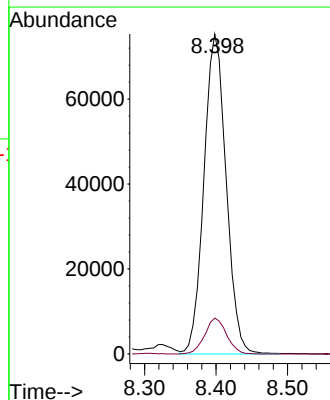
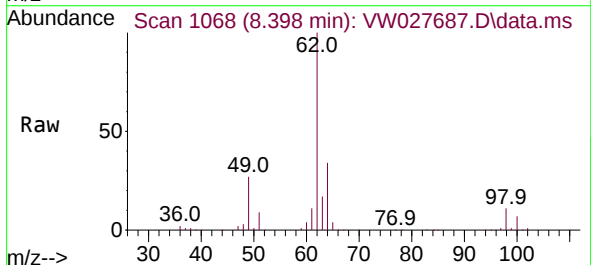
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

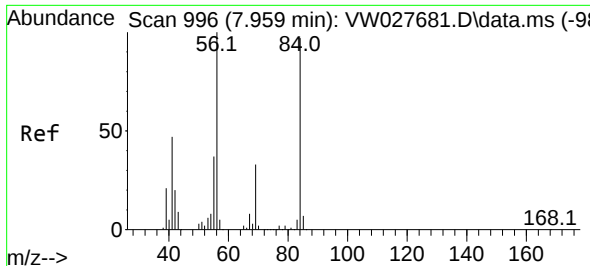
Tgt Ion: 83 Resp: 271558
Ion Ratio Lower Upper
83 100
85 64.8 46.9 87.1



#27
1,2-Dichloroethane
Concen: 21.396 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 62 Resp: 162451
Ion Ratio Lower Upper
62 100
98 11.2 8.1 12.1





#29

Cyclohexane

Concen: 18.850 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MSD

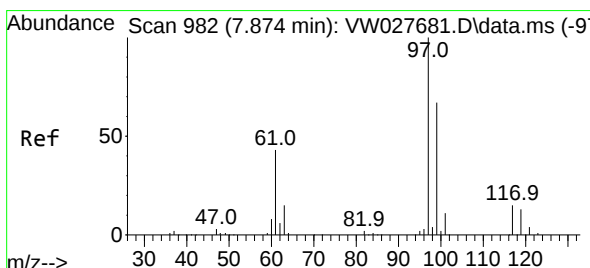
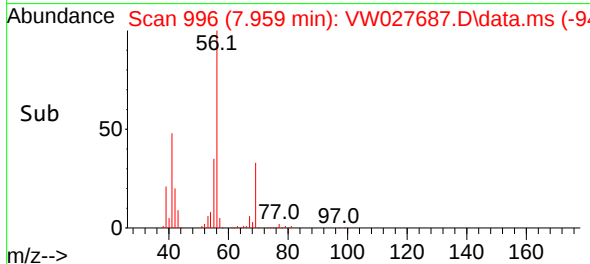
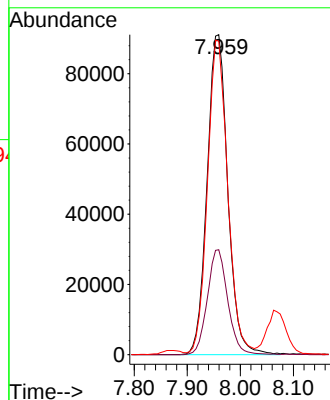
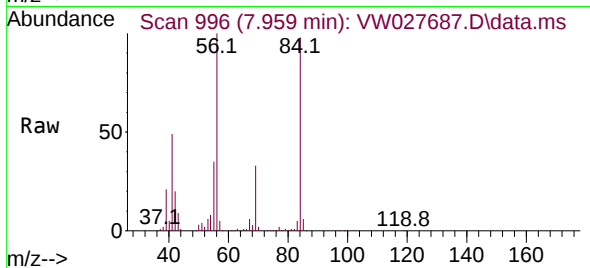
Tgt Ion: 56 Resp: 246984

Ion Ratio Lower Upper

56 100

69 32.3 25.7 38.5

84 96.0 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 18.960 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

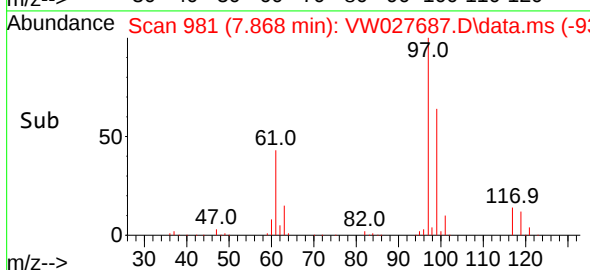
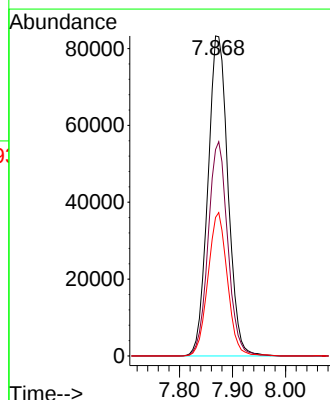
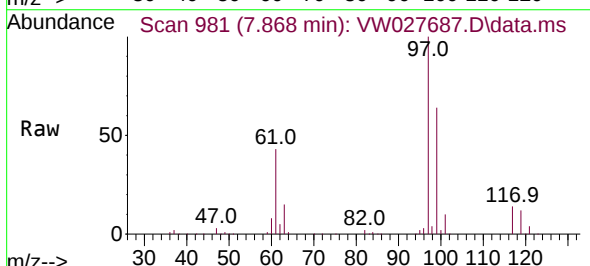
Tgt Ion: 97 Resp: 219321

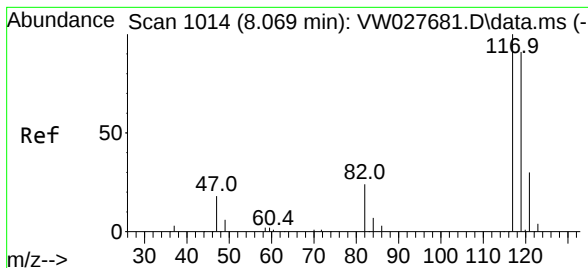
Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

61 43.2 34.2 51.4





#31

Carbon tetrachloride

Concen: 19.049 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

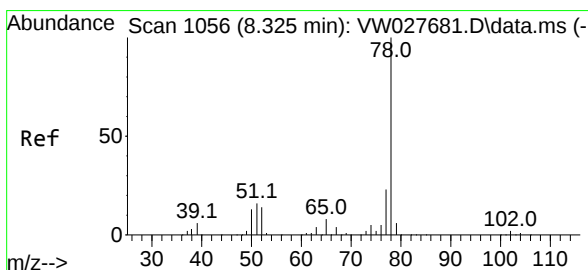
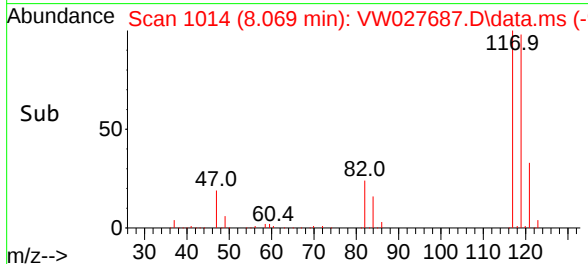
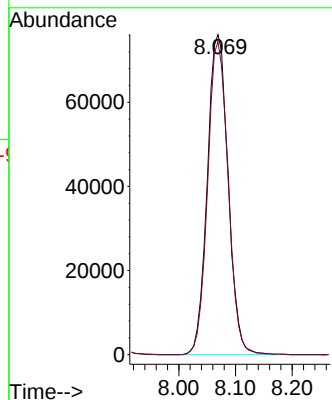
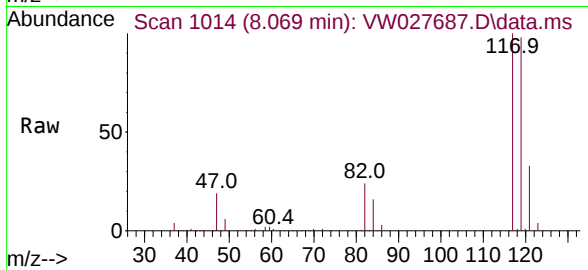
DCLP8MSD

Tgt Ion:117 Resp: 193920

Ion Ratio Lower Upper

117 100

119 96.2 74.6 112.0



#33

Benzene

Concen: 19.848 ug/L

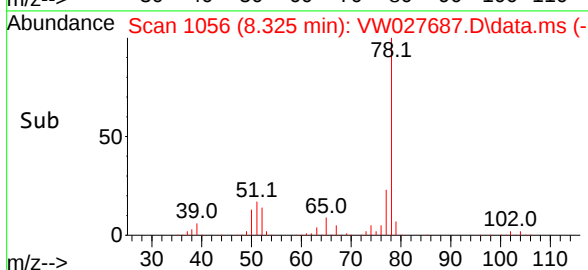
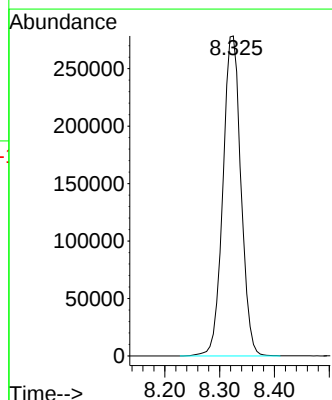
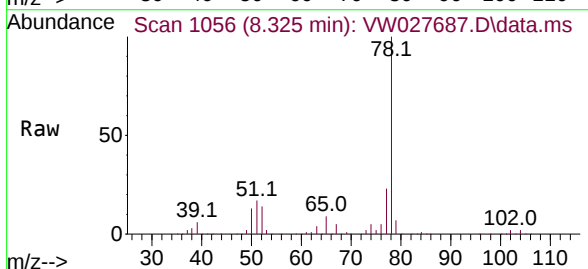
RT: 8.325 min Scan# 1056

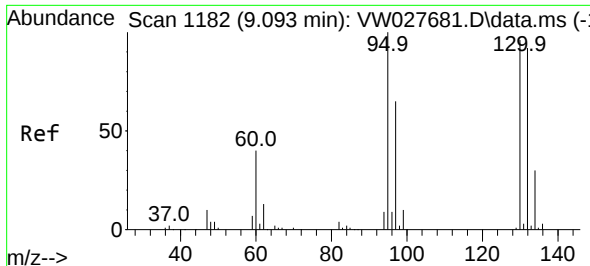
Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Tgt Ion: 78 Resp: 637171

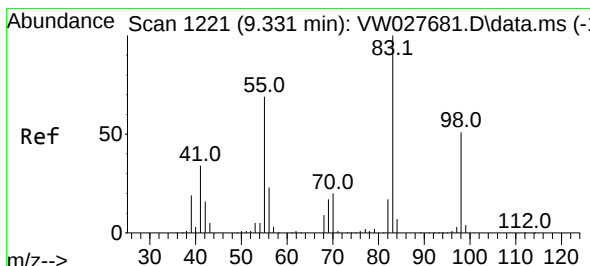
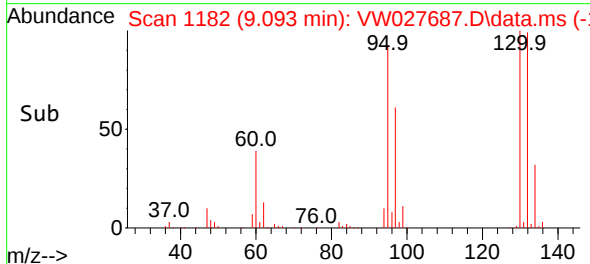
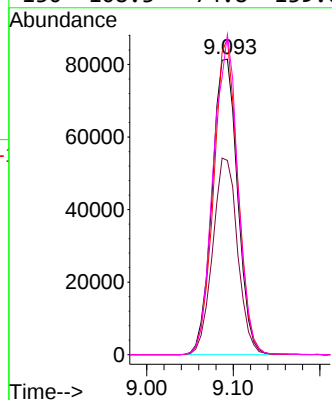
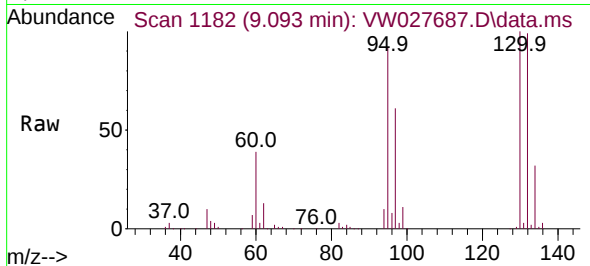




#34
Trichloroethene
Concen: 18.999 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

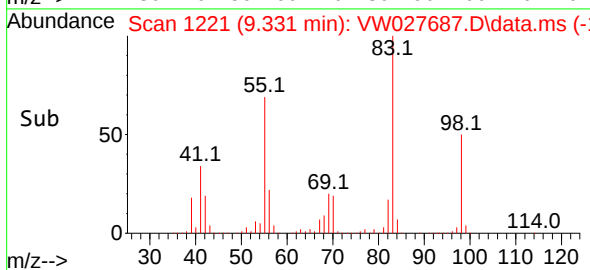
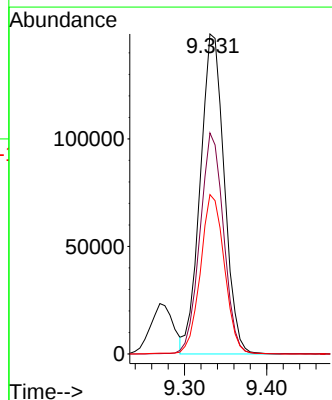
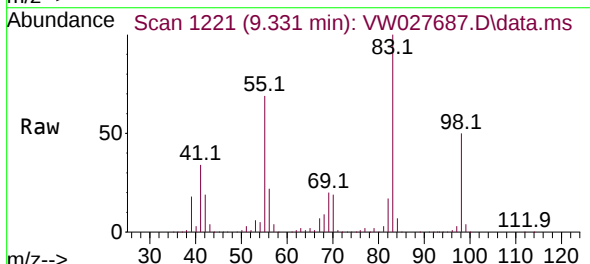
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

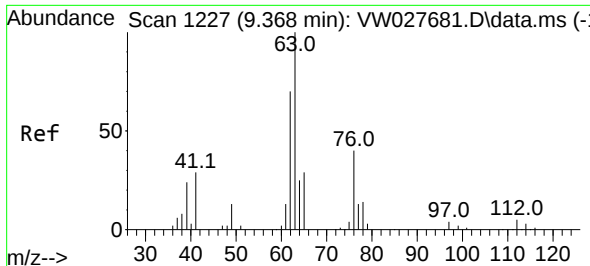
Tgt Ion: 95 Resp: 166250
Ion Ratio Lower Upper
95 100
97 65.8 45.9 85.3
132 107.0 70.4 130.8
130 108.3 74.8 139.0



#35
Methylcyclohexane
Concen: 19.098 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 83 Resp: 301415
Ion Ratio Lower Upper
83 100
55 68.1 55.1 82.7
98 49.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 20.191 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

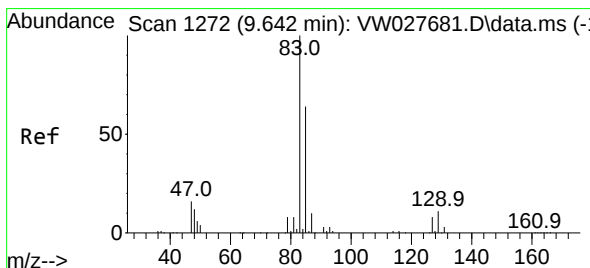
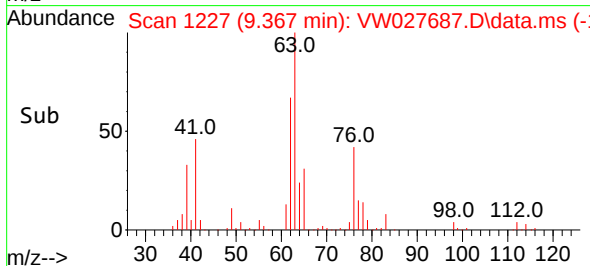
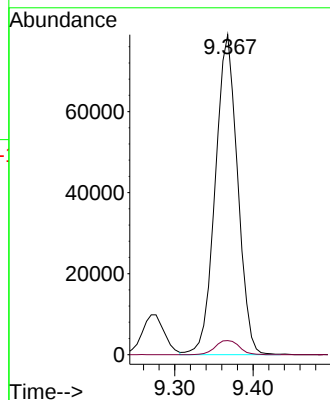
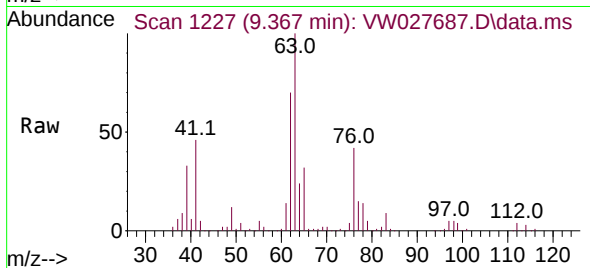
DCLP8MSD

Tgt Ion: 63 Resp: 156461

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 20.400 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

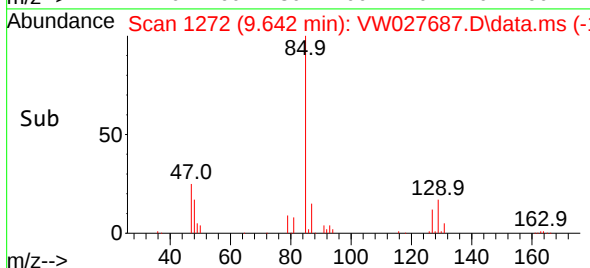
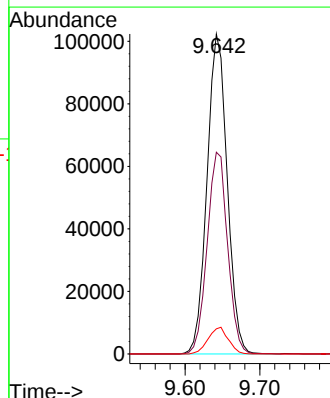
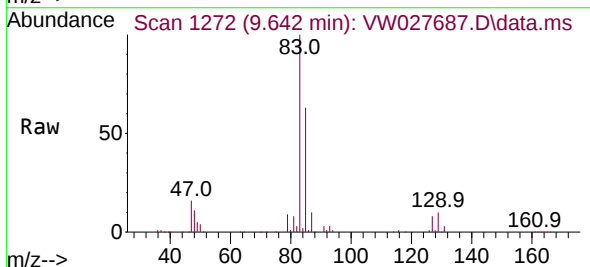
Tgt Ion: 83 Resp: 192146

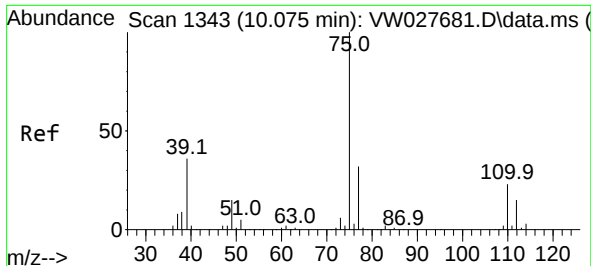
Ion Ratio Lower Upper

83 100

85 63.1 45.3 84.1

127 7.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 20.867 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

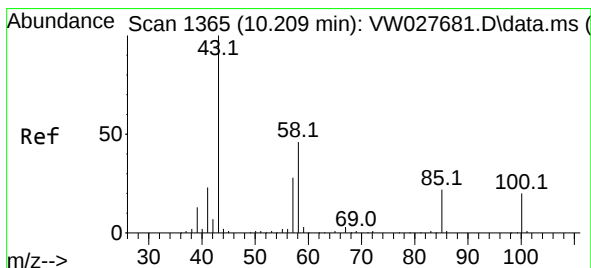
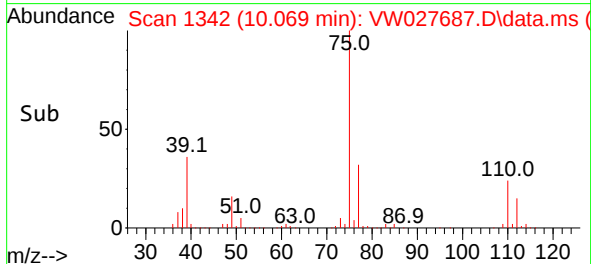
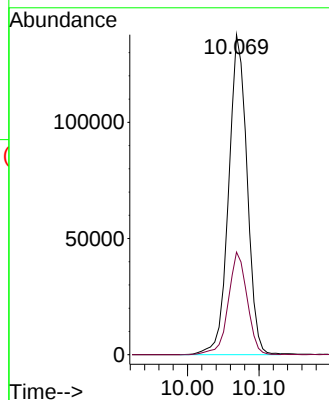
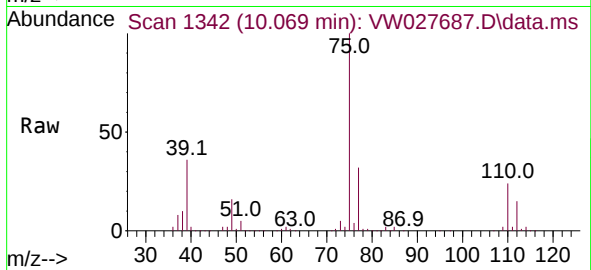
DCLP8MSD

Tgt Ion: 75 Resp: 246458

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 40.661 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

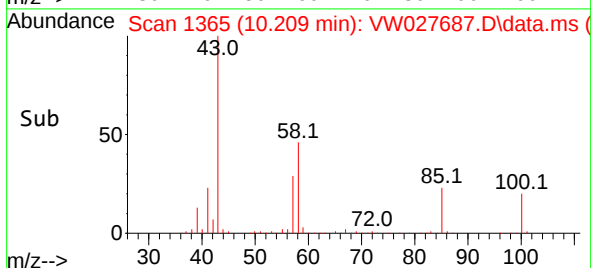
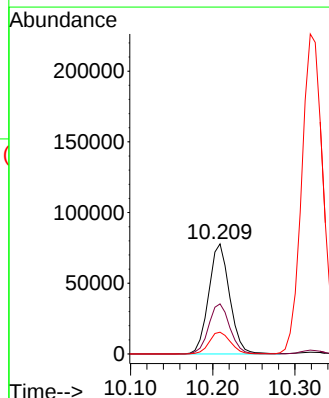
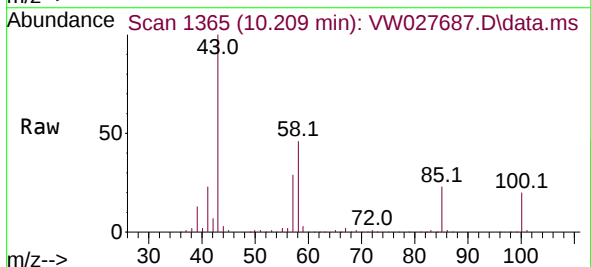
Tgt Ion: 43 Resp: 137717

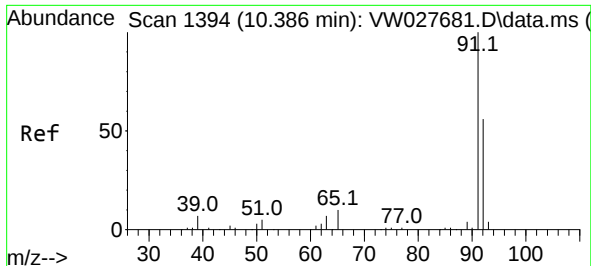
Ion Ratio Lower Upper

43 100

58 46.1 36.1 54.1

100 20.1 15.8 23.8

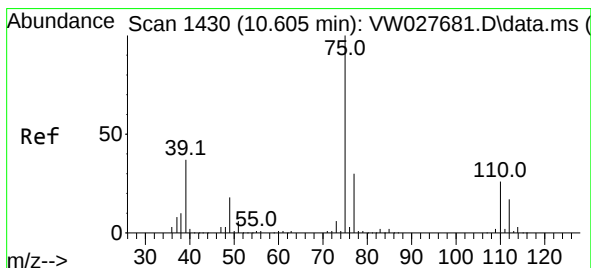
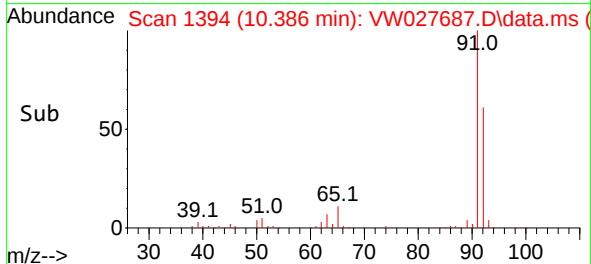
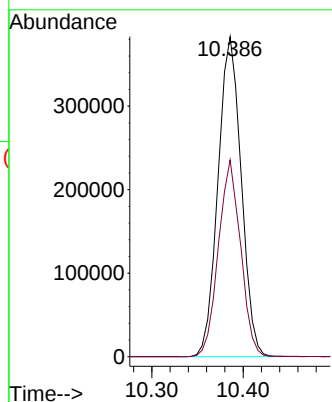
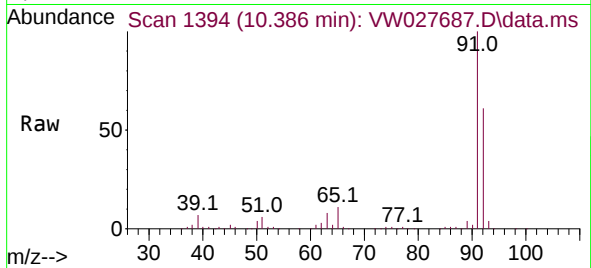




#42
Toluene
Concen: 19.573 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

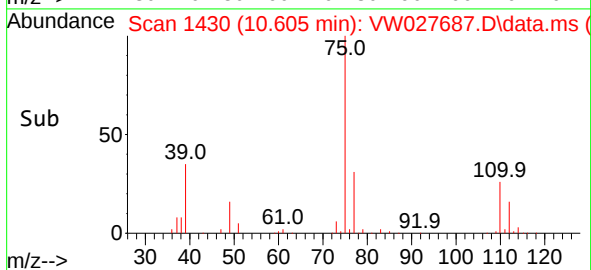
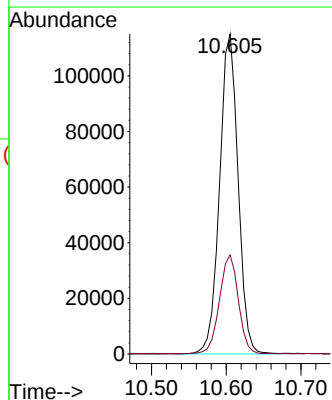
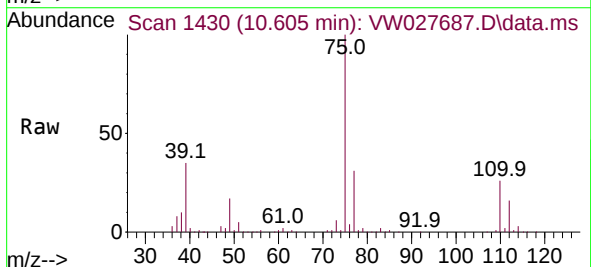
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

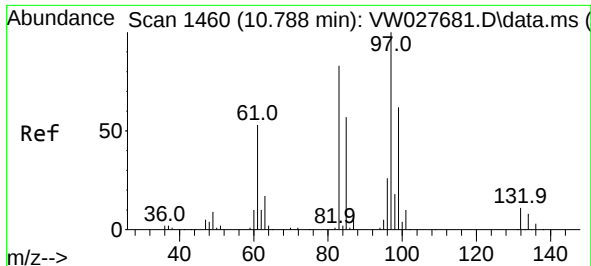
Tgt Ion: 91 Resp: 676071
Ion Ratio Lower Upper
91 100
92 61.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 21.271 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 75 Resp: 197849
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.1

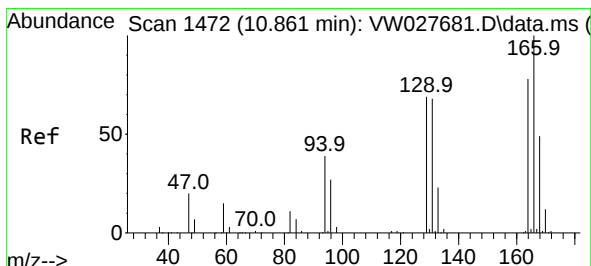
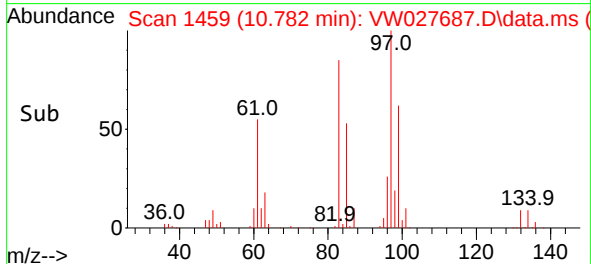
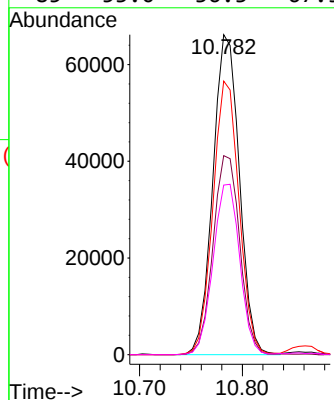
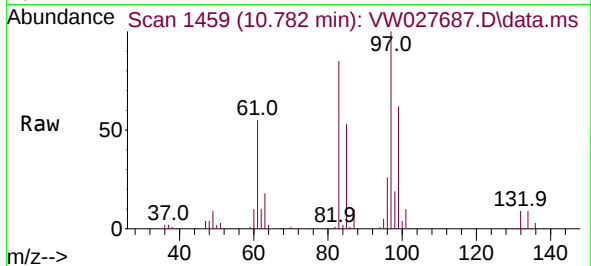




#45
1,1,2-Trichloroethane
Concen: 20.640 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

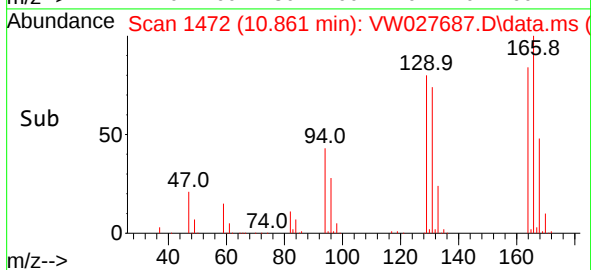
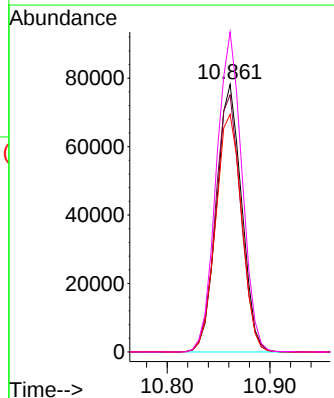
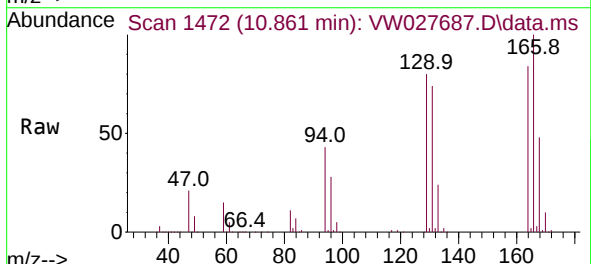
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

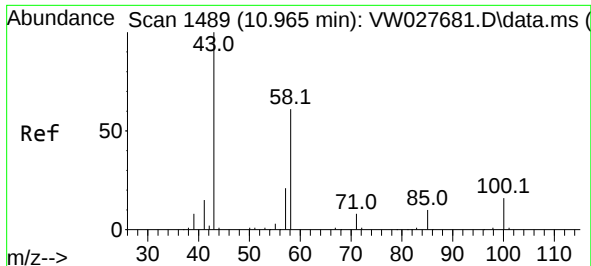
Tgt Ion: 97	Resp: 118416
Ion Ratio	Lower Upper
97 100	
99 62.2	43.4 80.6
83 85.5	59.0 109.6
85 53.0	36.3 67.5



#46
Tetrachloroethene
Concen: 18.926 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt	Ion:164	Resp:	132241
Ion	Ratio	Lower	Upper
164	100		
129	96.1	70.5	130.9
131	88.8	64.8	120.3
166	119.6	94.8	176.0

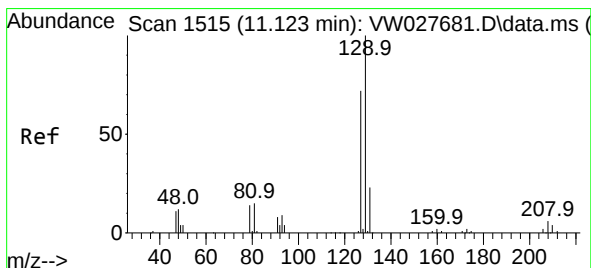
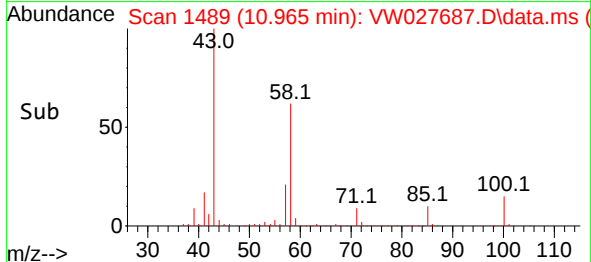
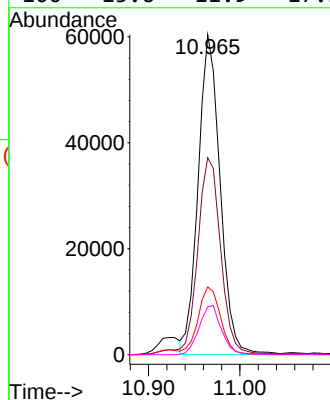
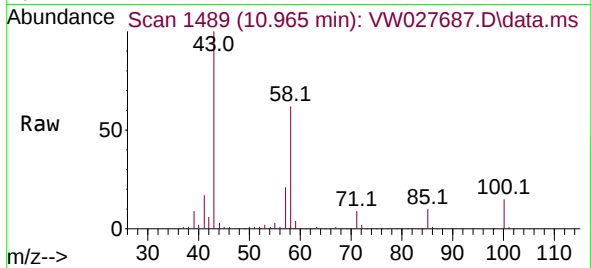




#48
2-Hexanone
Concen: 40.065 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

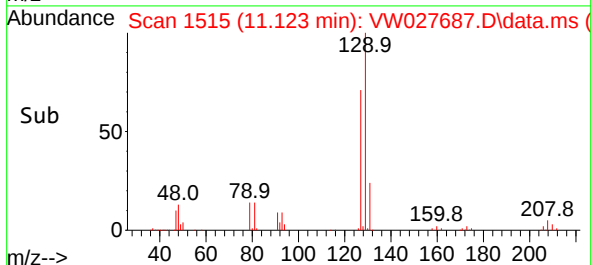
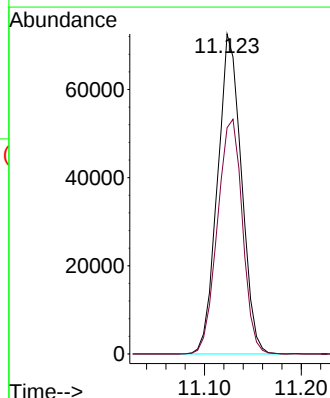
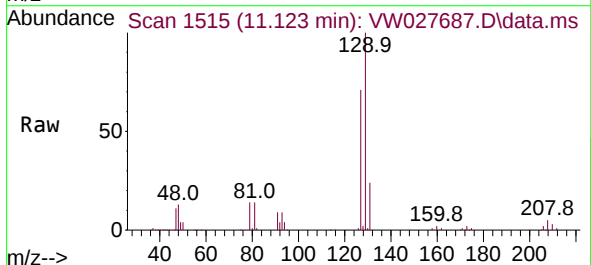
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

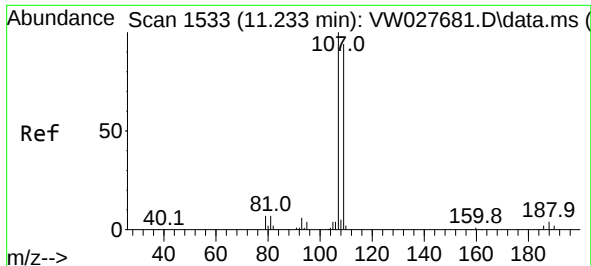
Tgt Ion:	43	Resp:	101002
Ion	Ratio	Lower	Upper
43	100		
58	64.1	50.4	75.6
57	21.8	17.0	25.6
100	15.6	11.9	17.9



#49
Dibromochloromethane
Concen: 20.759 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion:	129	Resp:	124566
Ion	Ratio	Lower	Upper
129	100		
127	70.7	55.4	102.8





#50

1,2-Dibromoethane

Concen: 20.401 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MSD

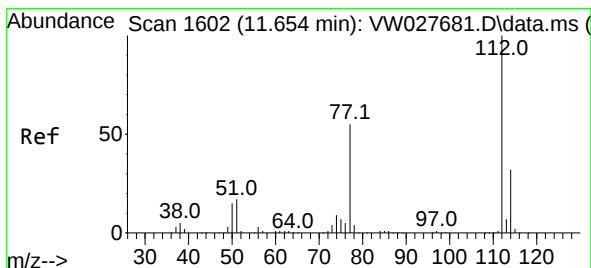
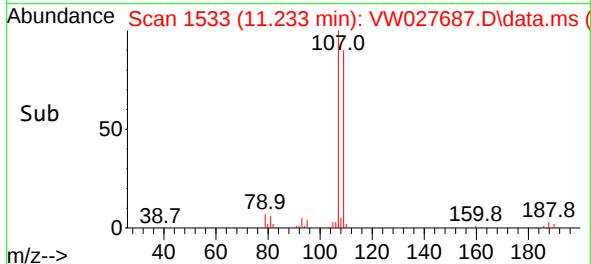
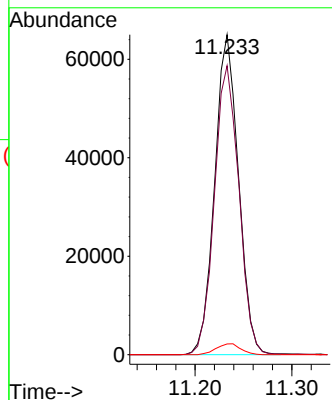
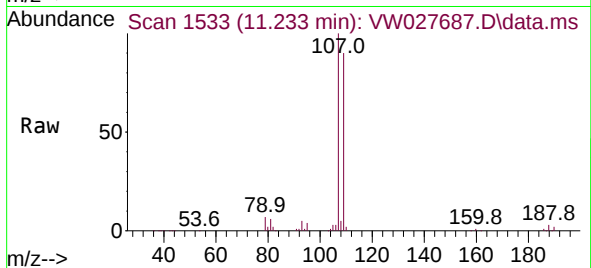
Tgt Ion:107 Resp: 111230

Ion Ratio Lower Upper

107 100

109 90.3 72.1 133.9

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 20.309 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

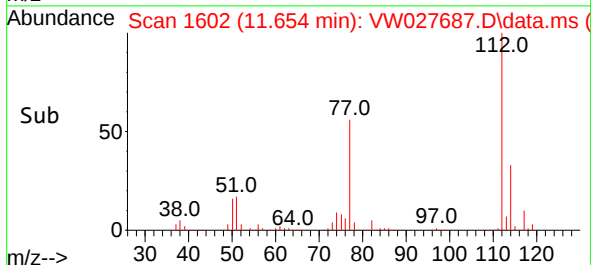
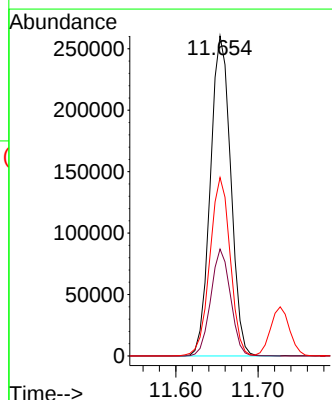
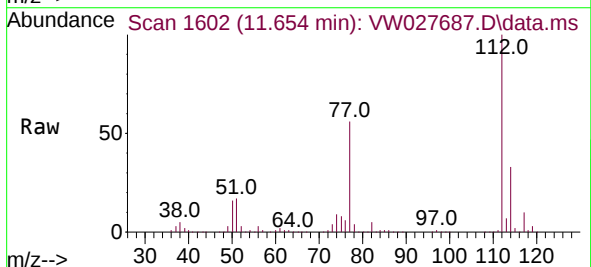
Tgt Ion:112 Resp: 448172

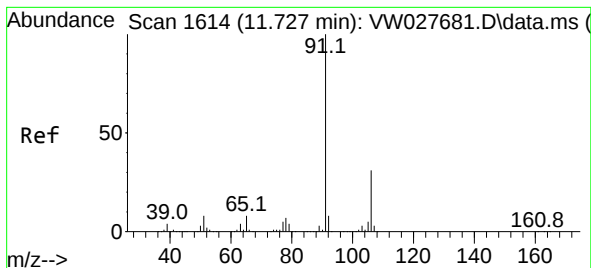
Ion Ratio Lower Upper

112 100

114 33.4 25.0 46.4

77 55.8 48.1 72.1

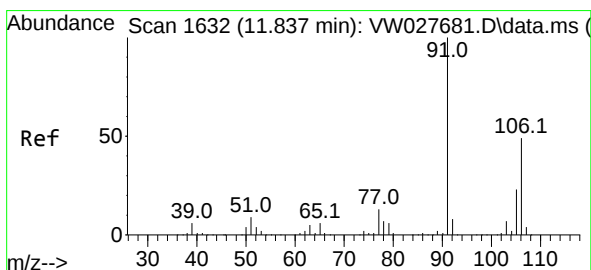
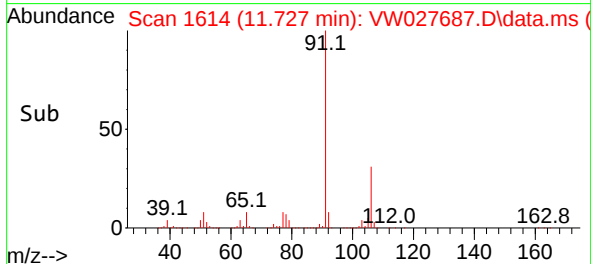
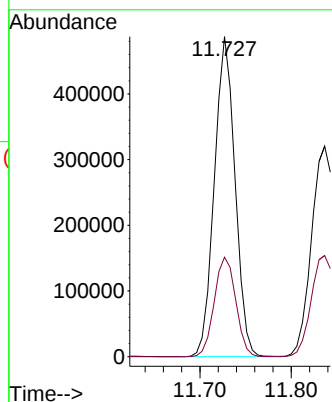
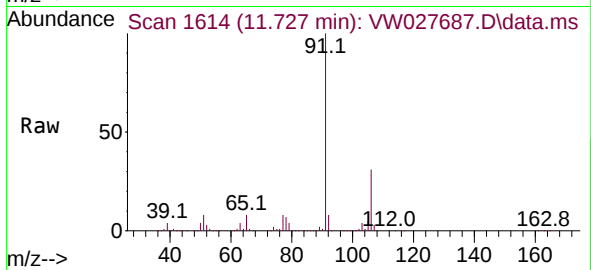




#52
Ethylbenzene
Concen: 19.648 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

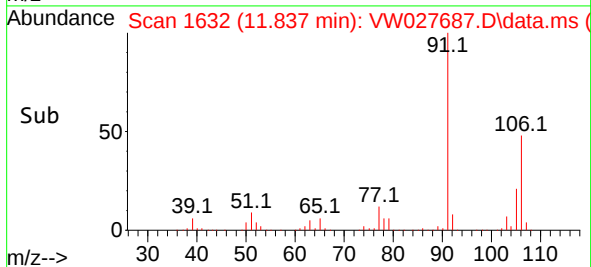
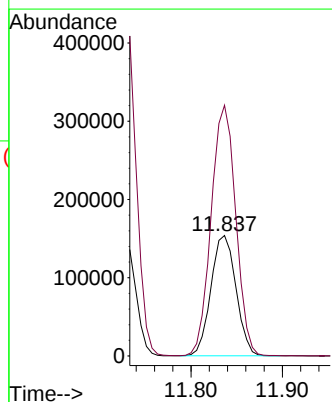
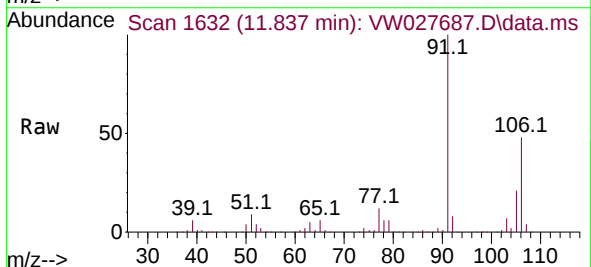
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

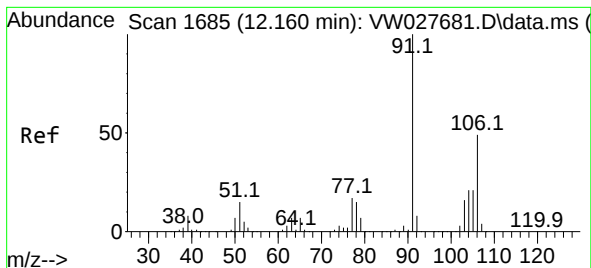
Tgt Ion: 91 Resp: 764762
Ion Ratio Lower Upper
91 100
106 31.1 23.7 44.1



#53
m,p-Xylene
Concen: 19.604 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 106 Resp: 293091
Ion Ratio Lower Upper
106 100
91 208.1 135.7 251.9





#54

o-Xylene

Concen: 20.833 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

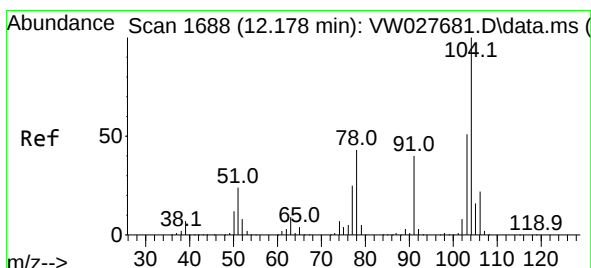
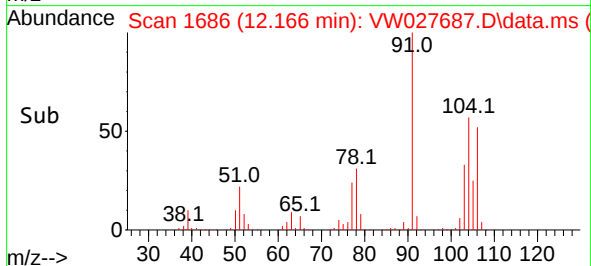
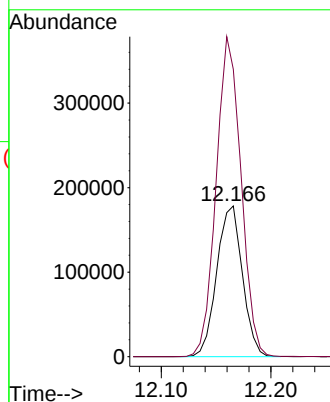
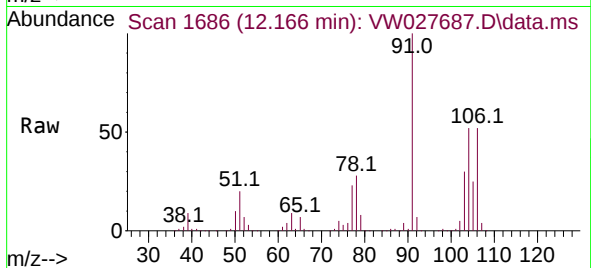
DCLP8MSD

Tgt Ion:106 Resp: 290019

Ion Ratio Lower Upper

106 100

91 190.6 149.9 278.3



#55

Styrene

Concen: 21.219 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027687.D

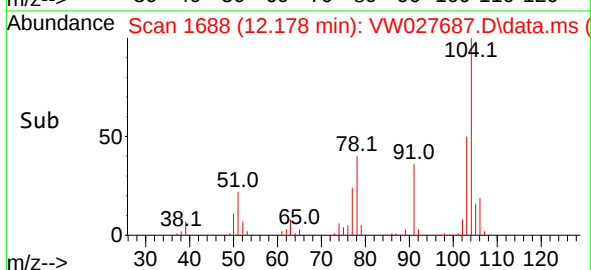
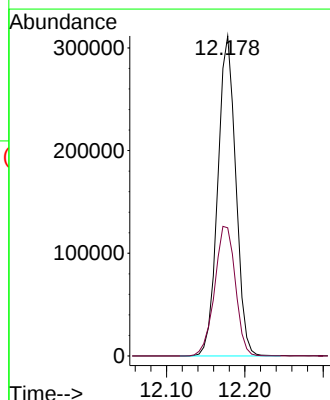
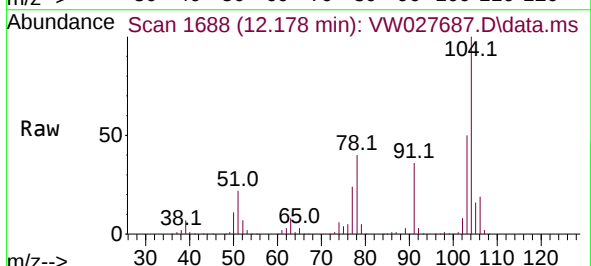
Acq: 16 Dec 2023 13:25

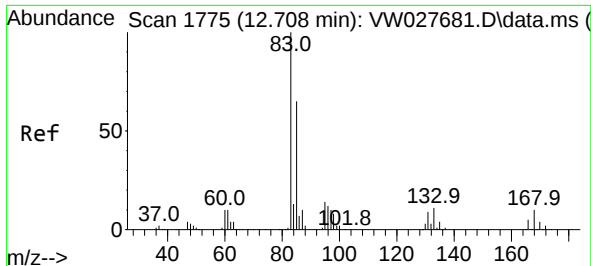
Tgt Ion:104 Resp: 497960

Ion Ratio Lower Upper

104 100

78 40.0 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 20.193 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MSD

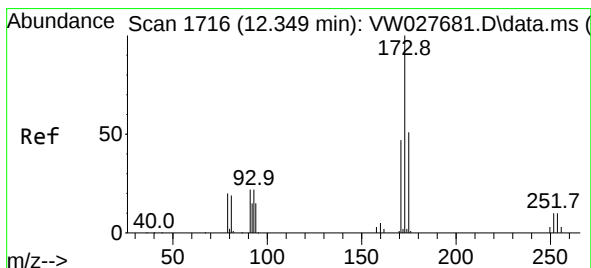
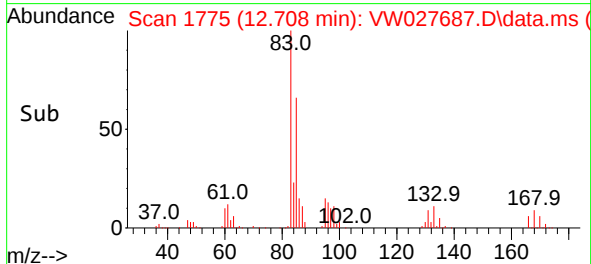
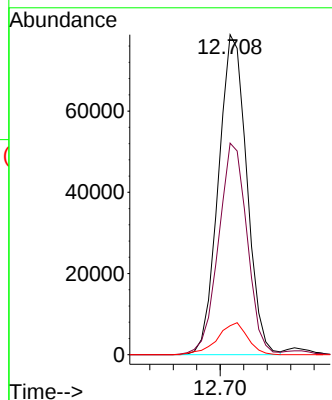
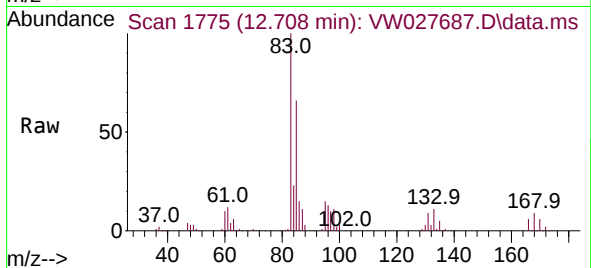
Tgt Ion: 83 Resp: 132059

Ion Ratio Lower Upper

83 100

85 66.1 45.8 85.2

131 9.0 7.0 10.6



#59

Bromoform

Concen: 20.401 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

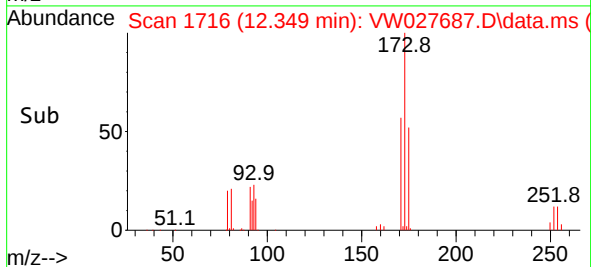
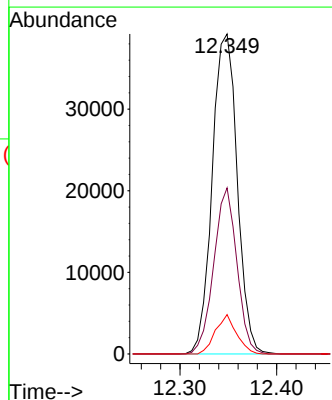
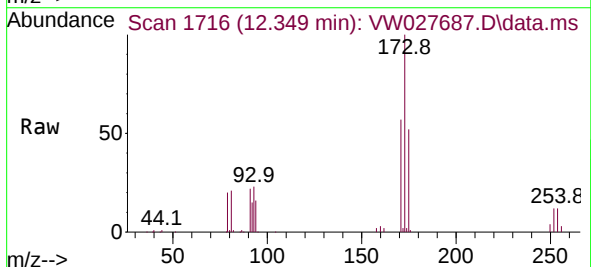
Tgt Ion:173 Resp: 70383

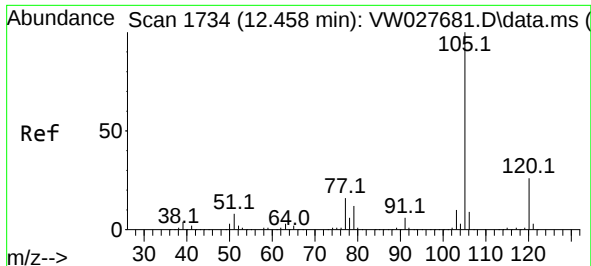
Ion Ratio Lower Upper

173 100

175 48.0 36.3 54.5

254 10.4 7.5 11.3

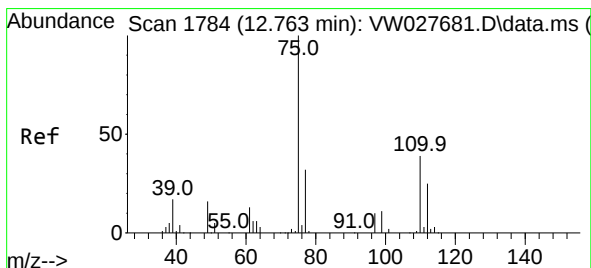
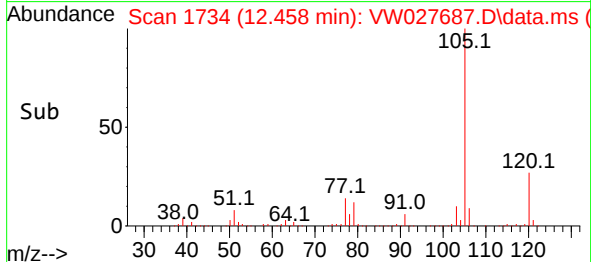
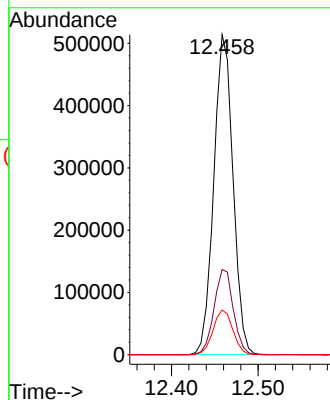
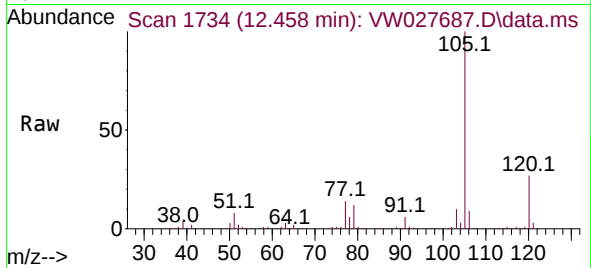




#60
Isopropylbenzene
Concen: 19.924 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

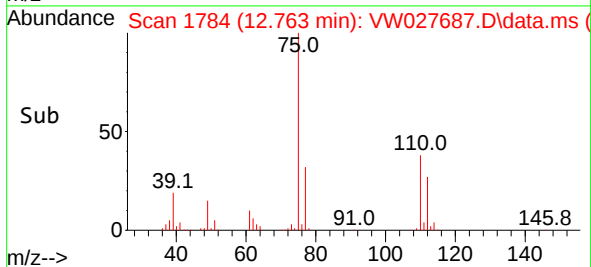
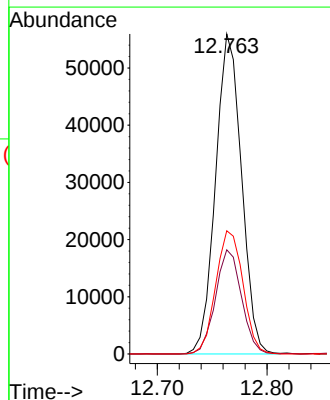
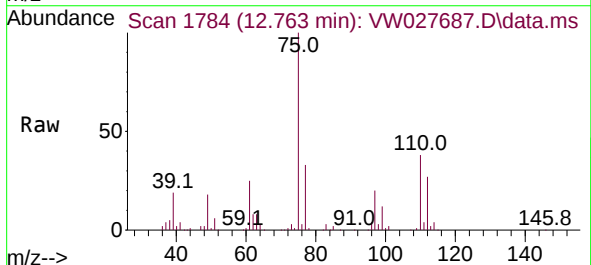
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

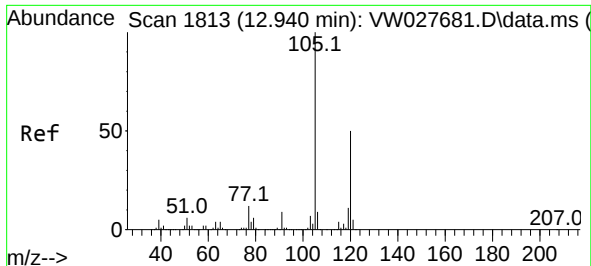
Tgt Ion:105 Resp: 792553
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 14.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 19.588 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 75 Resp: 92013
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 40.2 32.2 48.2

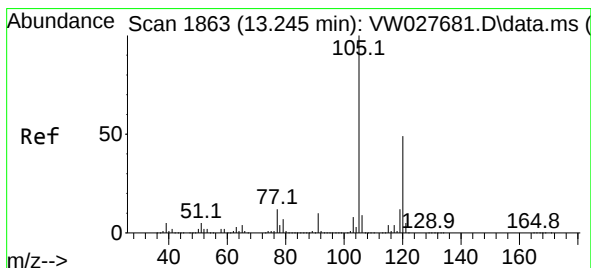
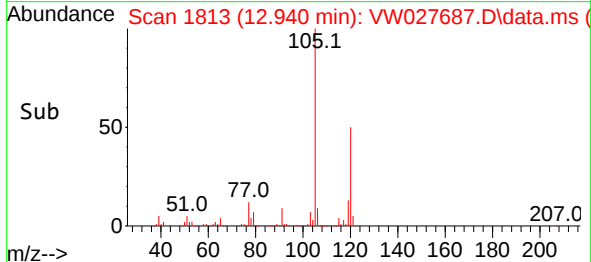
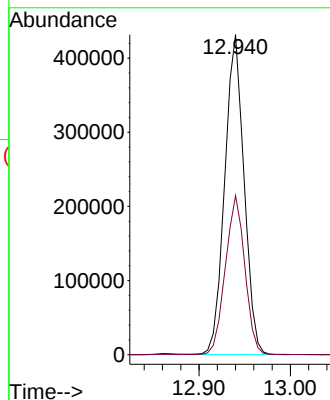
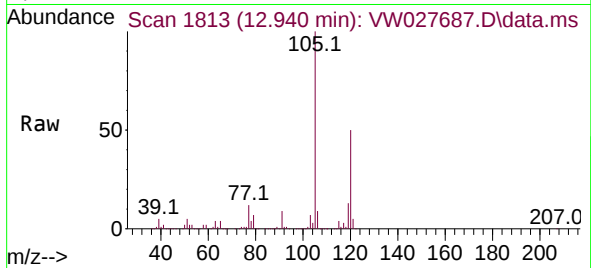




#62
1,3,5-Trimethylbenzene
Concen: 19.954 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

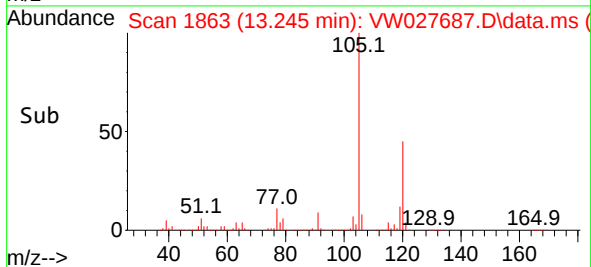
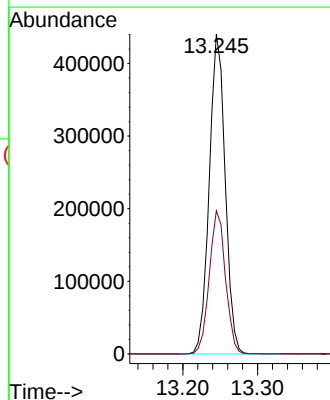
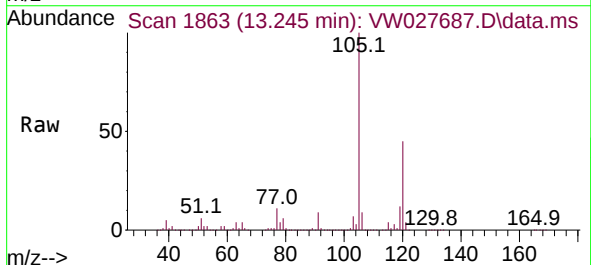
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

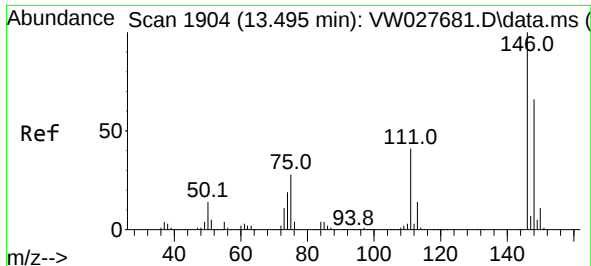
Tgt Ion:105 Resp: 634496
Ion Ratio Lower Upper
105 100
120 50.1 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 20.799 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion:105 Resp: 651043
Ion Ratio Lower Upper
105 100
120 45.5 36.4 54.6

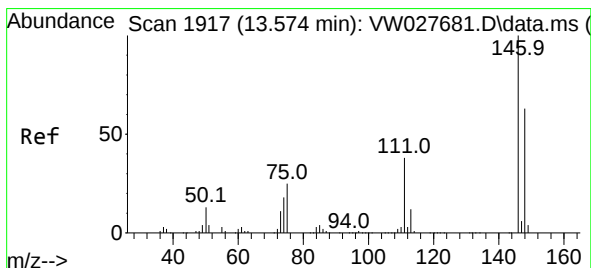
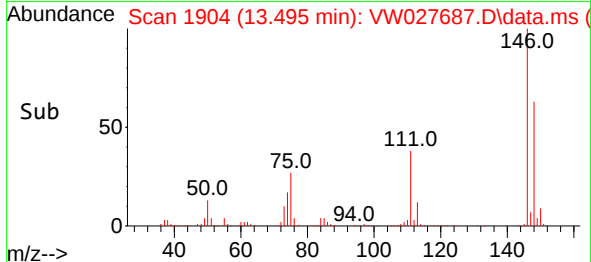
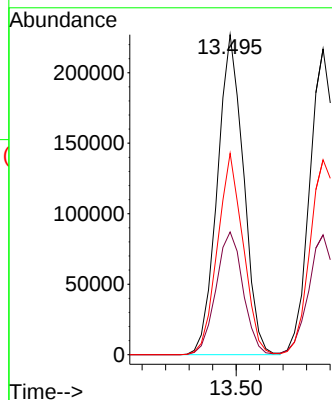
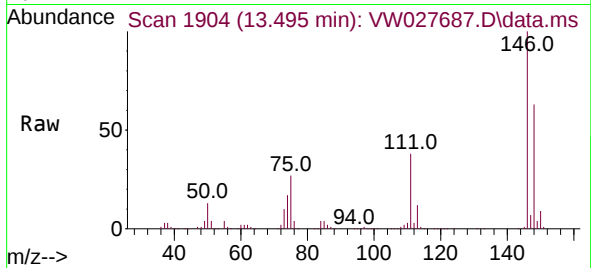




#64
1,3-Dichlorobenzene
Concen: 20.409 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

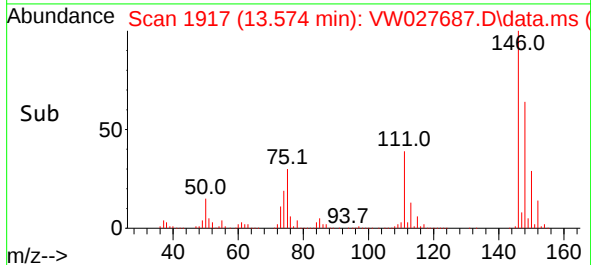
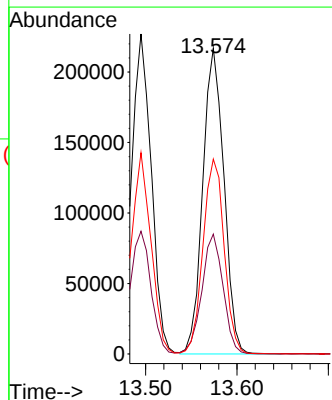
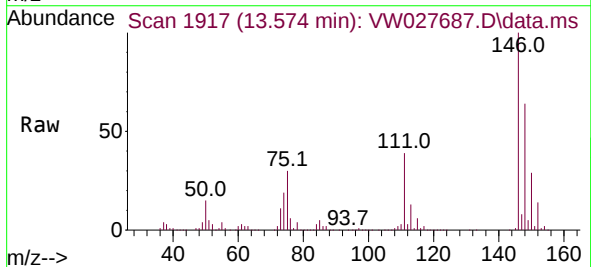
Instrument :
MSVOA_W
ClientSampleId :
DCLP8MSD

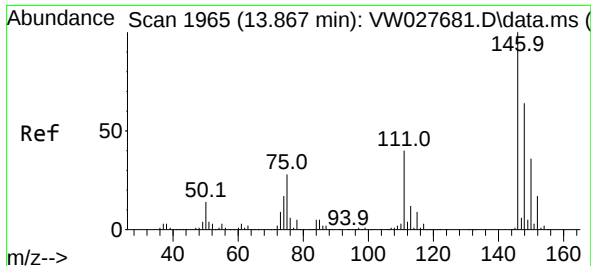
Tgt Ion:146 Resp: 350809
Ion Ratio Lower Upper
146 100
111 38.3 31.1 57.7
148 62.9 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 20.150 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion:146 Resp: 347906
Ion Ratio Lower Upper
146 100
111 39.2 26.2 48.6
148 63.8 46.3 85.9





#67

1,2-Dichlorobenzene

Concen: 20.604 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MSD

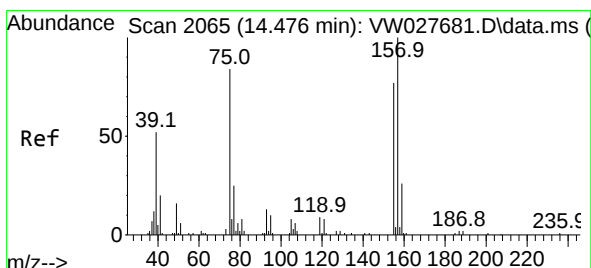
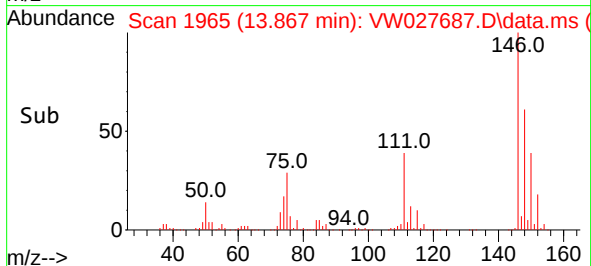
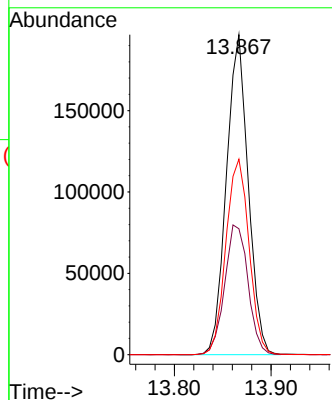
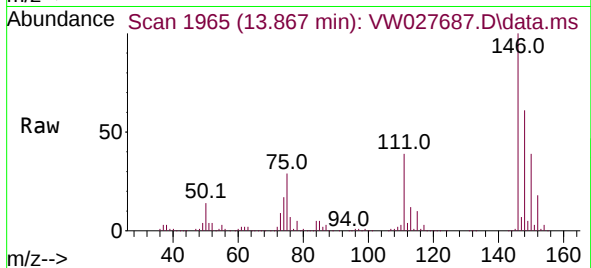
Tgt Ion:146 Resp: 307972

Ion Ratio Lower Upper

146 100

111 39.4 32.1 48.1

148 61.1 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.728 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

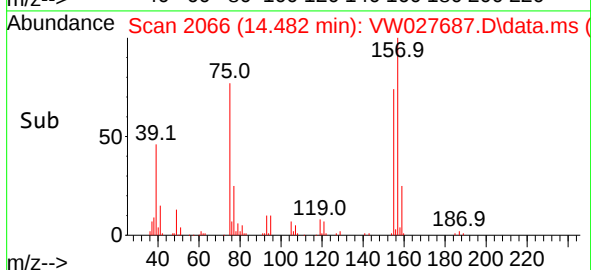
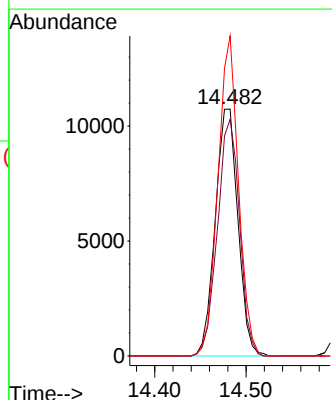
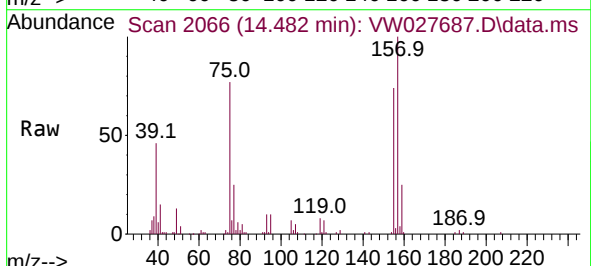
Tgt Ion: 75 Resp: 18513

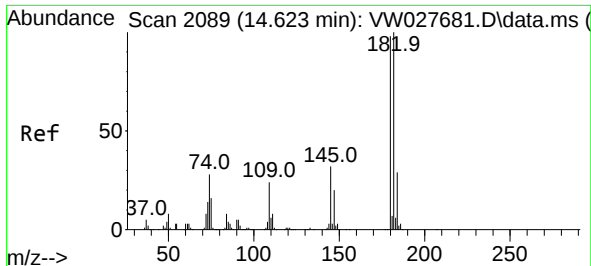
Ion Ratio Lower Upper

75 100

155 95.8 59.8 89.6#

157 129.6 87.5 131.3





#69

1,3,5-Trichlorobenzene

Concen: 20.511 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MSD

Tgt Ion:180 Resp: 245312

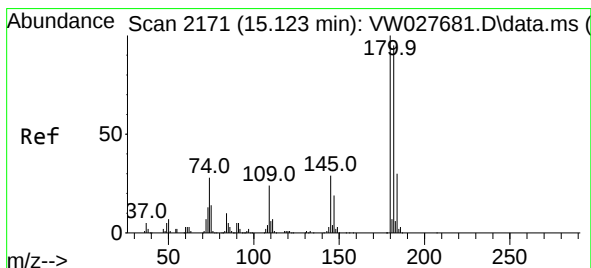
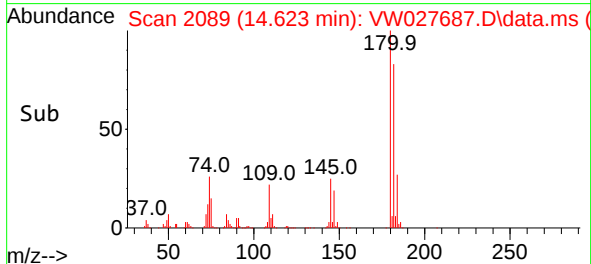
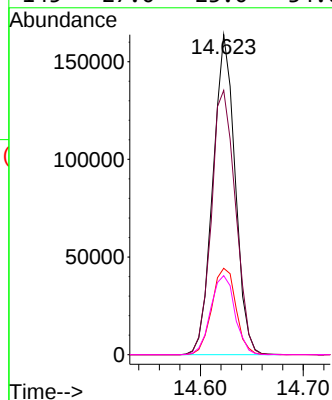
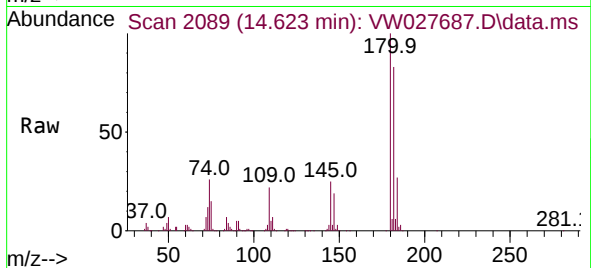
Ion Ratio Lower Upper

180 100

182 89.9 72.6 109.0

184 29.3 23.0 34.6

145 27.0 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 19.621 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

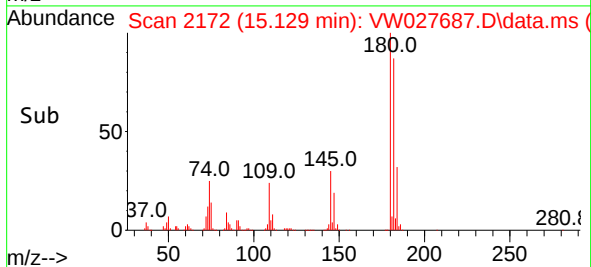
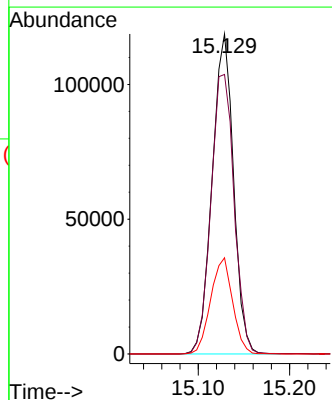
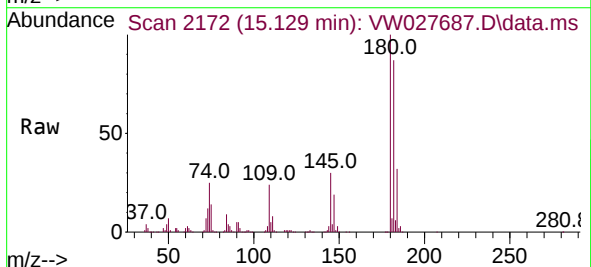
Tgt Ion:180 Resp: 192718

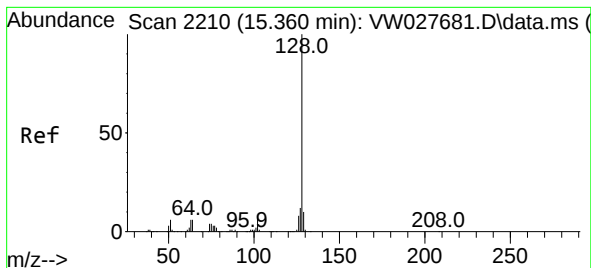
Ion Ratio Lower Upper

180 100

182 94.8 69.7 104.5

145 30.9 24.1 36.1





#71

Naphthalene

Concen: 20.893 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Instrument :

MSVOA_W

ClientSampleId :

DCLP8MSD

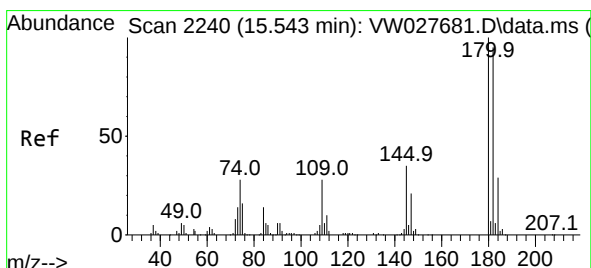
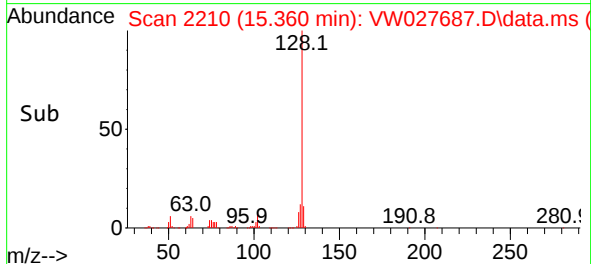
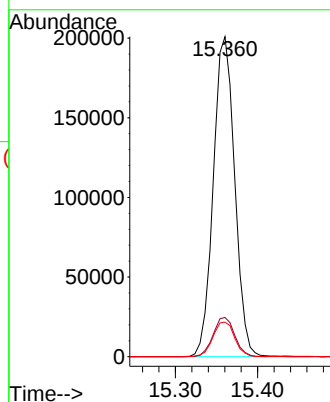
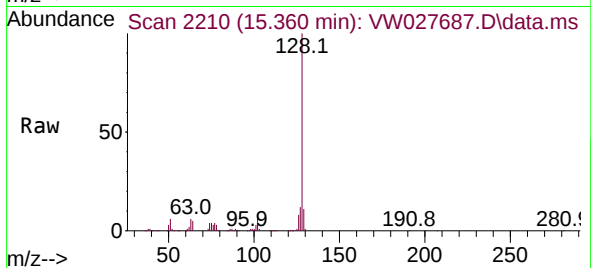
Tgt Ion:128 Resp: 363643

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 19.998 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027687.D

Acq: 16 Dec 2023 13:25

Tgt Ion:180 Resp: 164227

Ion Ratio Lower Upper

180 100

182 102.3 75.5 113.3

145 32.1 25.0 37.6

