

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027803.D
 Acq On : 20 Dec 2023 01:54
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 03:16:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	355093	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	312653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166895	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	96116	19.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
7) Chloroethane-d5	2.899	69	75752	19.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	4.027	65	41125	20.419	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.680%
21) 2-Butanone-d5	7.093	46	35541	41.503	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.000%
24) Chloroform-d	7.654	84	200754	23.759	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.307	65	92475	23.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.240%
32) Benzene-d6	8.276	84	423034	23.151	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	9.276	67	118039	22.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	10.325	98	398277	23.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.575	79	45020	22.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.840%
47) 2-Hexanone-d5	10.922	63	32375	42.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89210	22.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	133636	22.369	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	84217	20.377	ug/L	98
3) Chloromethane	2.222	50	108300	22.247	ug/L	99
5) Vinyl chloride	2.375	62	129989	22.445	ug/L	96
6) Bromomethane	2.795	94	78419	21.273	ug/L	88
8) Chloroethane	2.936	64	77601	22.411	ug/L	97
9) Trichlorofluoromethane	3.277	101	127632	24.401	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	109122	24.559	ug/L	96
12) 1,1-Dichloroethene	4.051	96	106445	24.472	ug/L	87
13) Acetone	4.161	43	31228	40.171	ug/L	71
14) Carbon disulfide	4.387	76	336724	23.044	ug/L	99
15) Methyl Acetate	4.691	43	30270	21.553	ug/L	95
16) Methylene chloride	4.923	84	120704	21.679	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115220	25.051	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	153427	25.231	ug/L	99
19) 1,1-Dichloroethane	6.222	63	193188	24.700	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	123463	25.500	ug/L	94
22) 2-Butanone	7.179	43	40579	39.309	ug/L	94
23) Bromochloromethane	7.514	128	53519	26.177	ug/L	98
25) Chloroform	7.679	83	200463	26.025	ug/L	94

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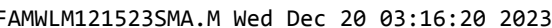
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 ClientSampleId :

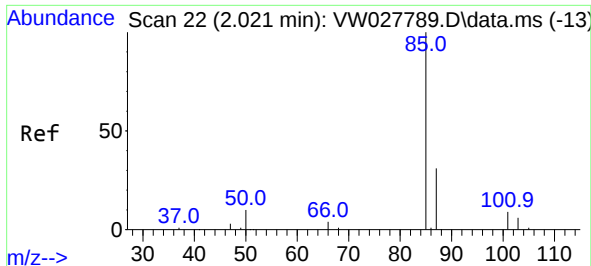
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 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	113127	25.051	ug/L	100
29) Cyclohexane	7.959	56	169807	22.955	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	163892	25.095	ug/L	99
31) Carbon tetrachloride	8.075	117	143806	25.021	ug/L	94
33) Benzene	8.325	78	461803	25.480	ug/L	100
34) Trichloroethene	9.093	95	121882	24.671	ug/L	97
35) Methylcyclohexane	9.337	83	214142	24.032	ug/L	97
37) 1,2-Dichloropropane	9.367	63	107674	24.611	ug/L	98
38) Bromodichloromethane	9.642	83	133397	25.085	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	165446	24.811	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	82511	43.150	ug/L	98
42) Toluene	10.386	91	507775	26.038	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	131091	24.964	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	80861	24.964	ug/L	98
46) Tetrachloroethene	10.861	164	105353	26.706	ug/L	88
48) 2-Hexanone	10.965	43	57515	40.410	ug/L	95
49) Dibromochloromethane	11.123	129	87109	25.713	ug/L	94
50) 1,2-Dibromoethane	11.233	107	74397	24.169	ug/L	94
51) Chlorobenzene	11.654	112	323023	25.927	ug/L	90
52) Ethylbenzene	11.727	91	561921	25.571	ug/L	95
53) m,p-Xylene	11.837	106	222925	26.411	ug/L	93
54) o-Xylene	12.166	106	209699	26.680	ug/L	99
55) Styrene	12.178	104	354309	26.741	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	88403	23.942	ug/L	97
59) Bromoform	12.349	173	49277	24.121	ug/L	97
60) Isopropylbenzene	12.458	105	580151	24.630	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59474	21.382	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	471538	25.043	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	458418	24.733	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	254540	25.008	ug/L	82
65) 1,4-Dichlorobenzene	13.574	146	251236	24.573	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	222811	25.173	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	11570	20.821	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.617	180	179174	25.299	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	144035	24.765	ug/L	95
71) Naphthalene	15.354	128	239628	23.250	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	121171	24.918	ug/L	99

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

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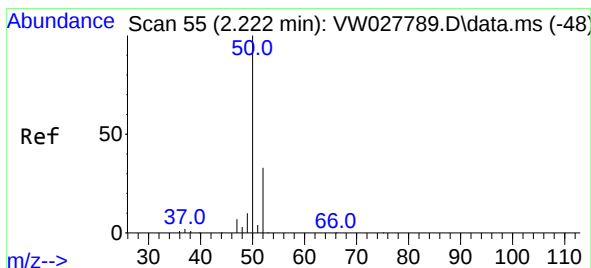
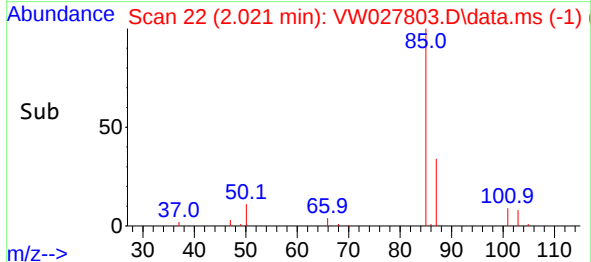
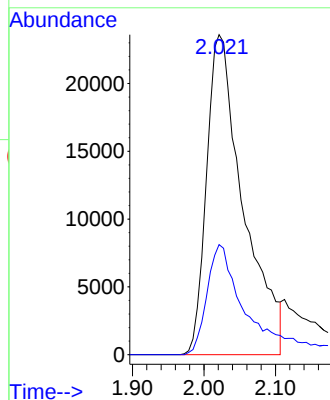
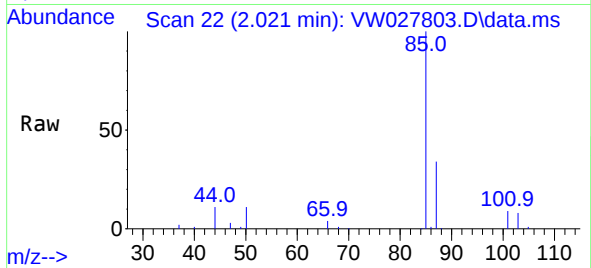




#2
 Dichlorodifluoromethane
 Concen: 20.377 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027803.D
 Acq: 20 Dec 2023 01:54

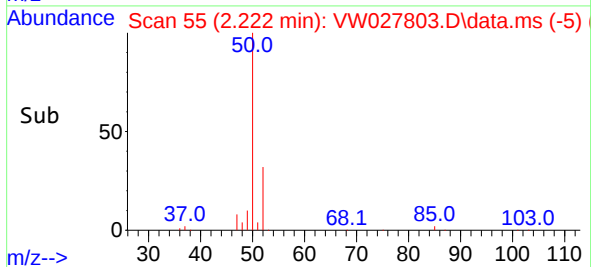
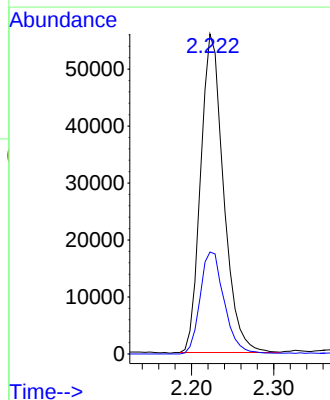
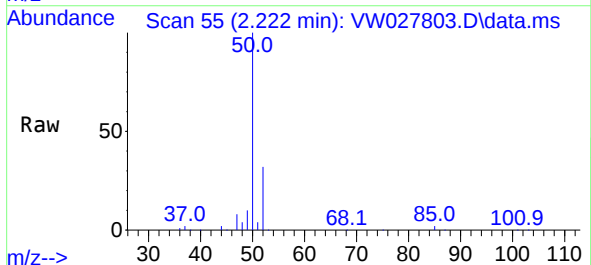
Instrument :
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 ClientSampleId :

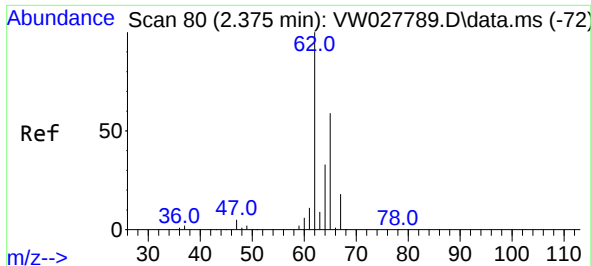
Tgt Ion: 85 Resp: 84217
 Ion Ratio Lower Upper
 85 100
 87 30.3 23.2 34.8



#3
 Chloromethane
 Concen: 22.247 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW027803.D
 Acq: 20 Dec 2023 01:54

Tgt Ion: 50 Resp: 108300
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.8 42.4

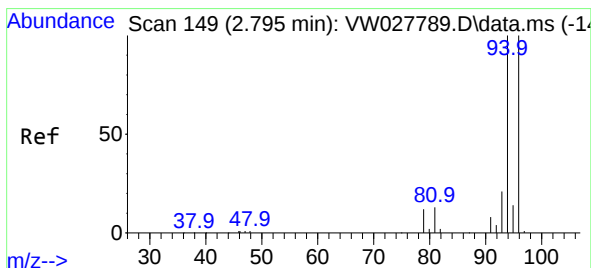
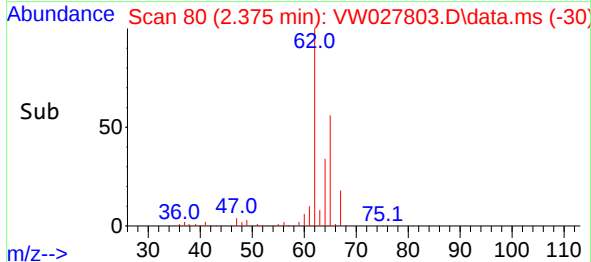
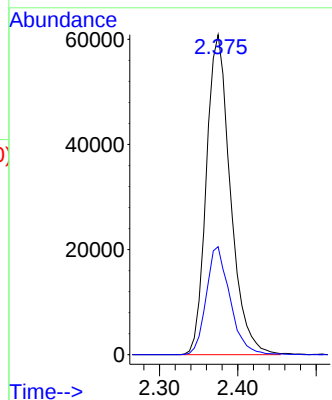
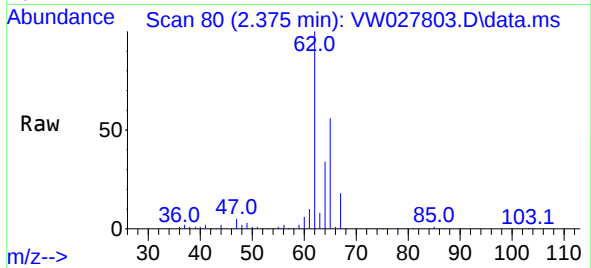




#5
 Vinyl chloride
 Concen: 22.445 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027803.D
 Acq: 20 Dec 2023 01:54

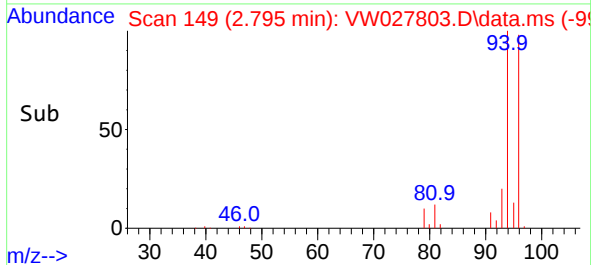
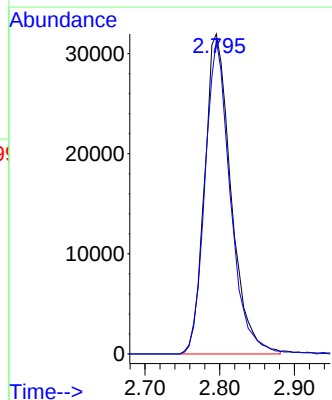
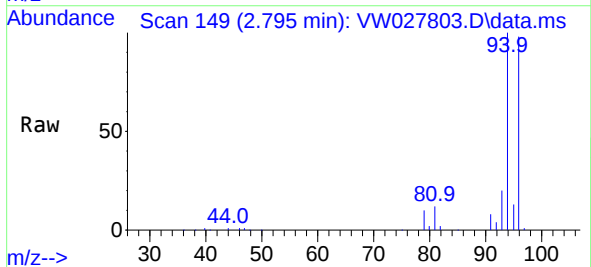
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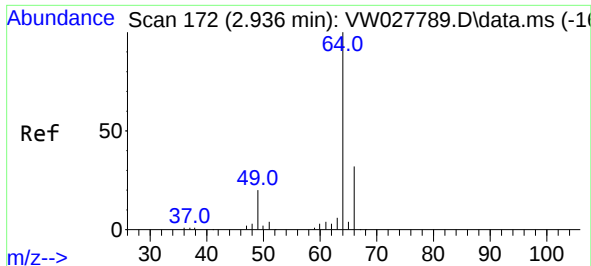
Tgt Ion: 62 Resp: 129989
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.2 41.2



#6
 Bromomethane
 Concen: 21.273 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027803.D
 Acq: 20 Dec 2023 01:54

Tgt Ion: 94 Resp: 78419
 Ion Ratio Lower Upper
 94 100
 96 98.2 61.2 113.8

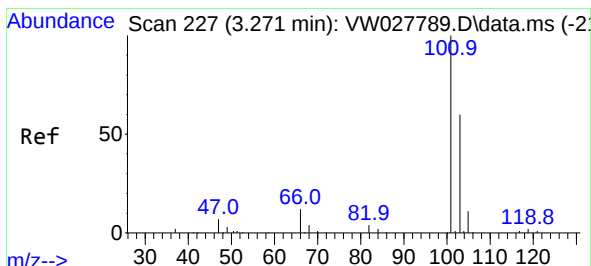
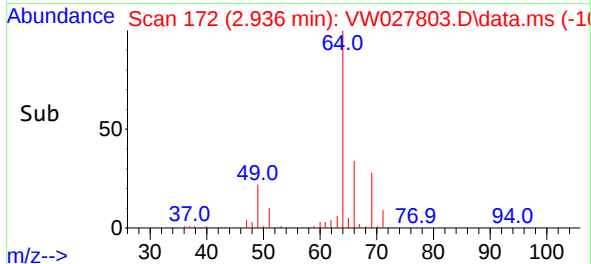
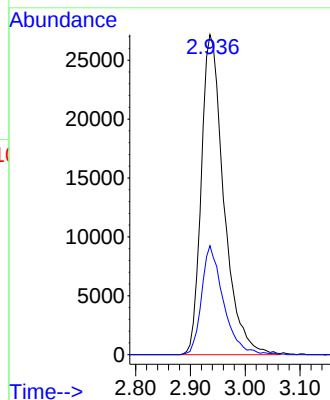
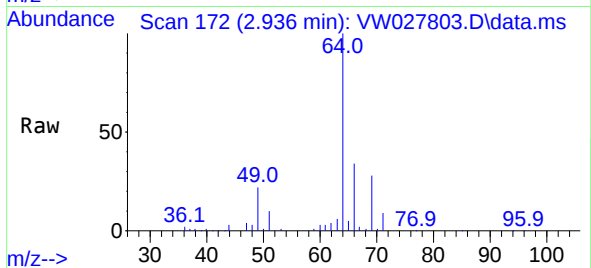




#8
Chloroethane
Concen: 22.411 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

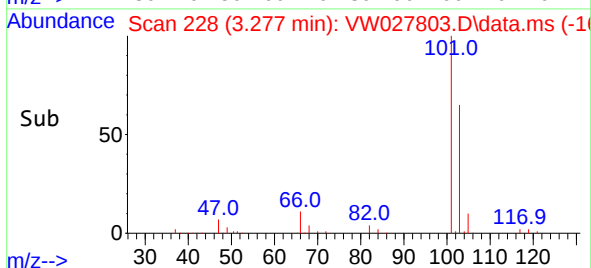
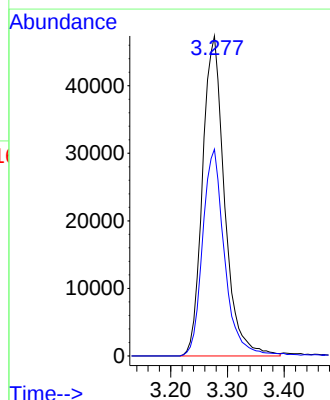
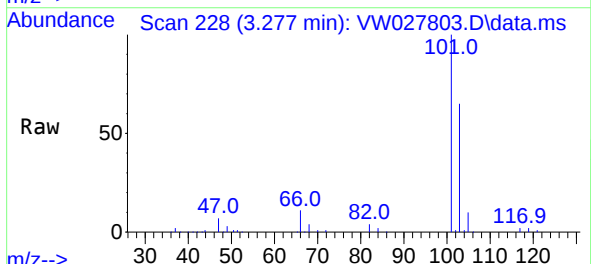
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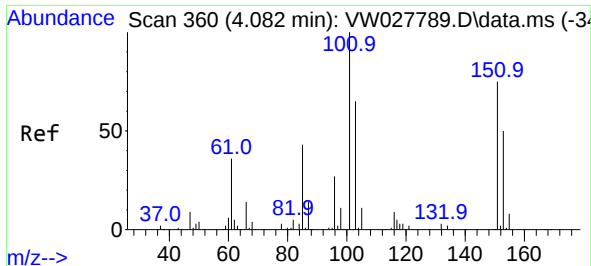
Tgt Ion: 64 Resp: 77601
Ion Ratio Lower Upper
64 100
66 34.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 24.401 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.012 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion:101 Resp: 127632
Ion Ratio Lower Upper
101 100
103 64.2 51.1 76.7

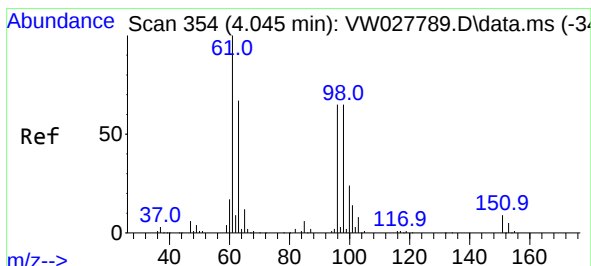
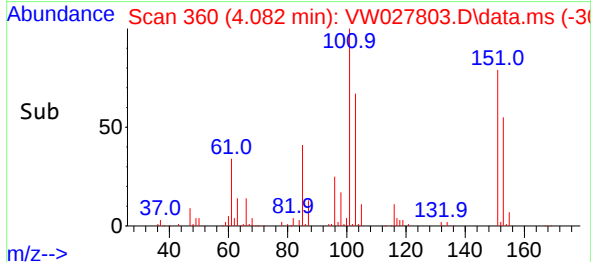
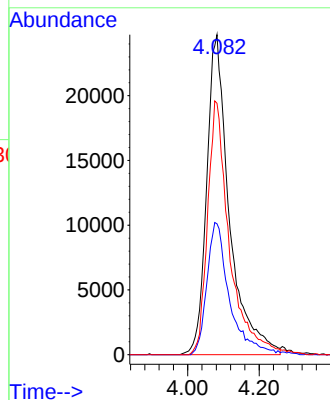
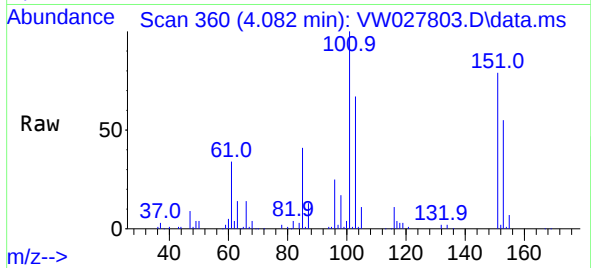




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.559 ug/L
RT: 4.082 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

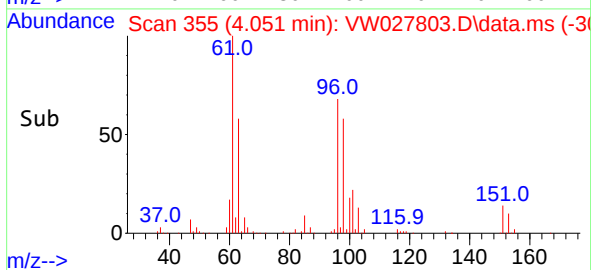
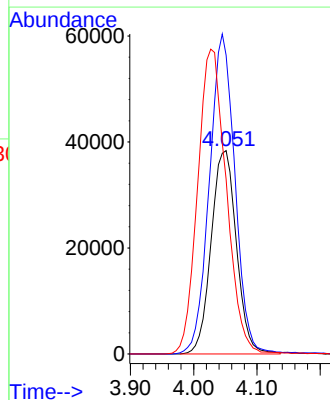
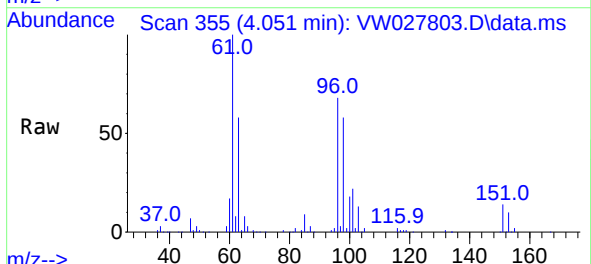
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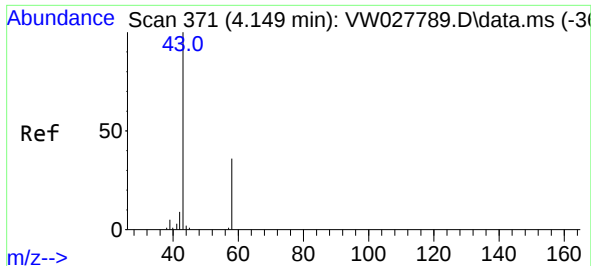
Tgt Ion:101 Resp: 109122
Ion Ratio Lower Upper
101 100
85 36.8 33.0 49.4
151 75.9 58.9 88.3



#12
1,1-Dichloroethene
Concen: 24.472 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

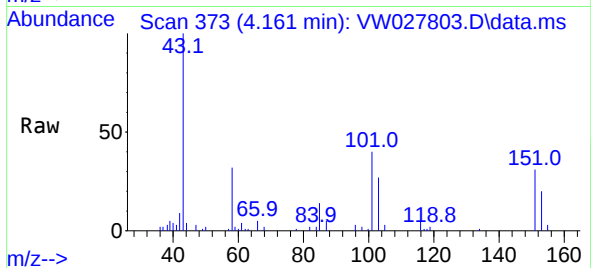
Tgt Ion: 96 Resp: 106445
Ion Ratio Lower Upper
96 100
61 146.9 110.9 206.1
63 85.9 73.6 136.6



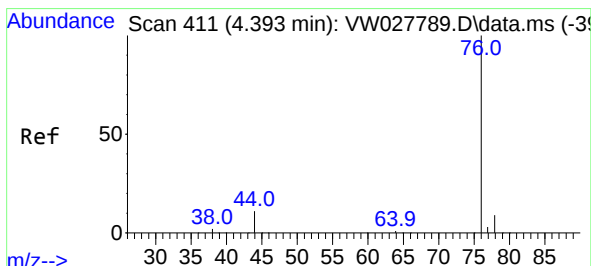
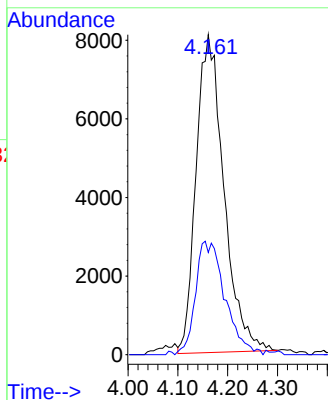
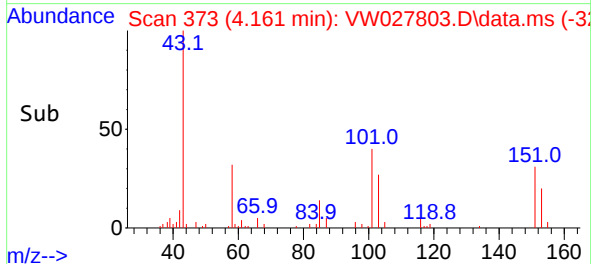


#13
Acetone
Concen: 40.171 ug/L
RT: 4.161 min Scan# 312
Delta R.T. -0.025 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

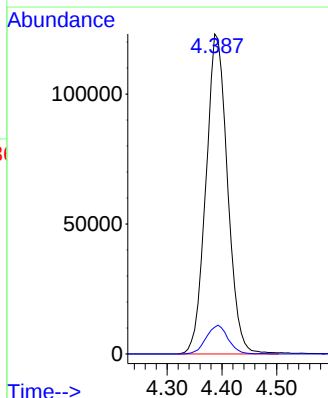
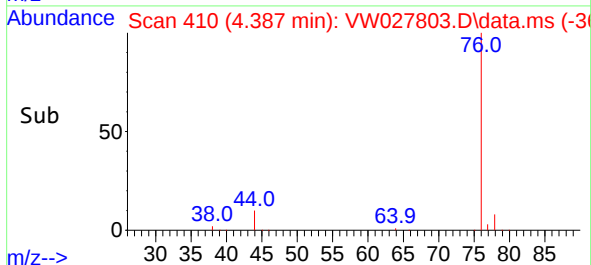
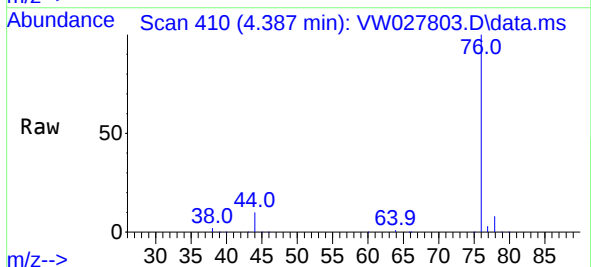


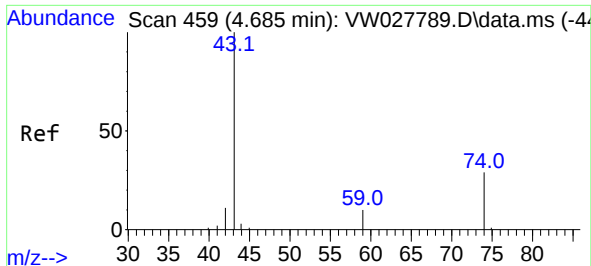
Tgt Ion: 43 Resp: 31228
Ion Ratio Lower Upper
43 100
58 17.4 0.0 68.6



#14
Carbon disulfide
Concen: 23.044 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 76 Resp: 336724
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

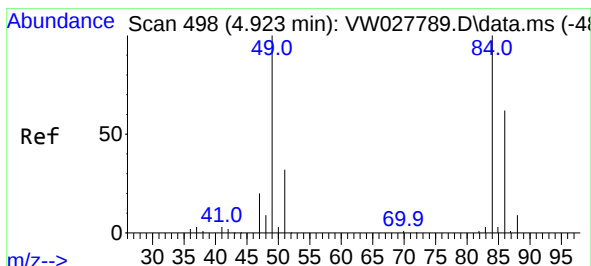
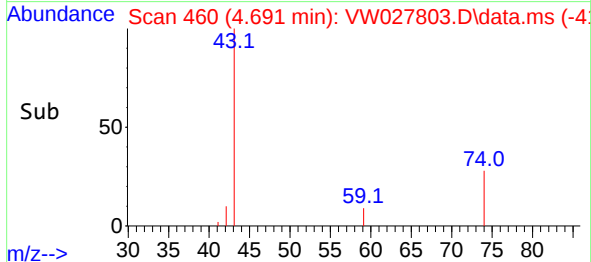
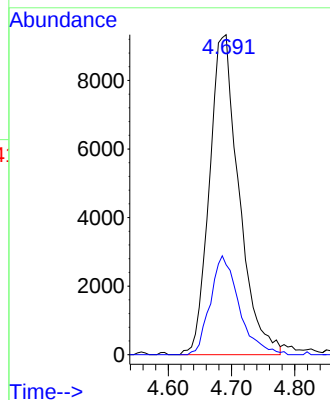
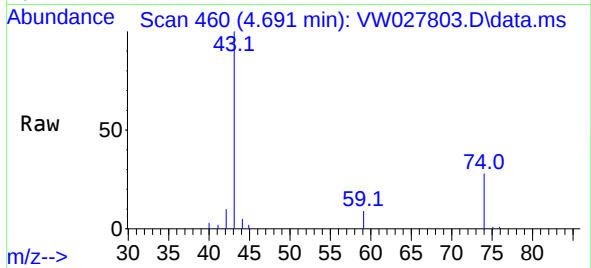




#15
Methyl Acetate
Concen: 21.553 ug/L
RT: 4.691 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

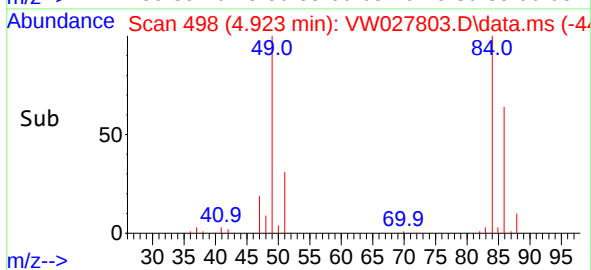
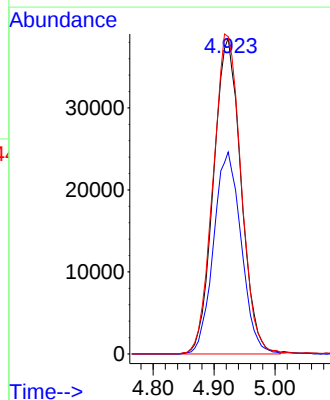
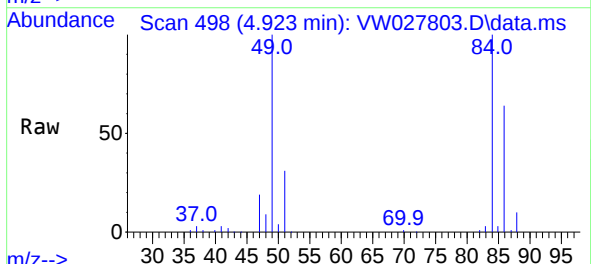
Instrument :
MSVOA_W
ClientSampleId :

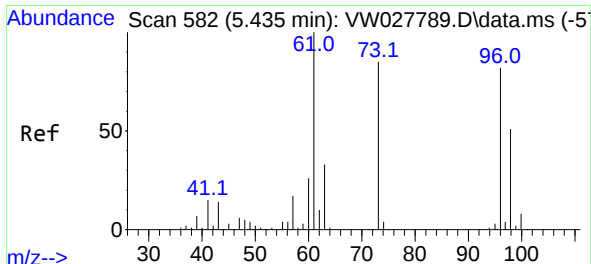
Tgt Ion: 43 Resp: 30270
Ion Ratio Lower Upper
43 100
74 30.0 22.1 33.1



#16
Methylene chloride
Concen: 21.679 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

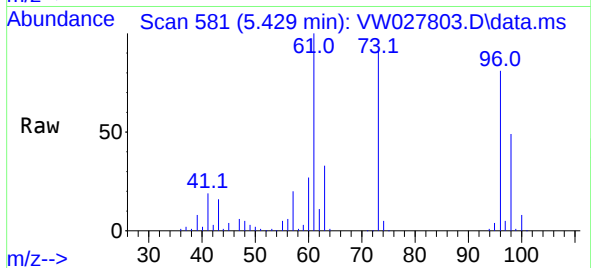
Tgt Ion: 84 Resp: 120704
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.2
49 100.5 76.2 141.6



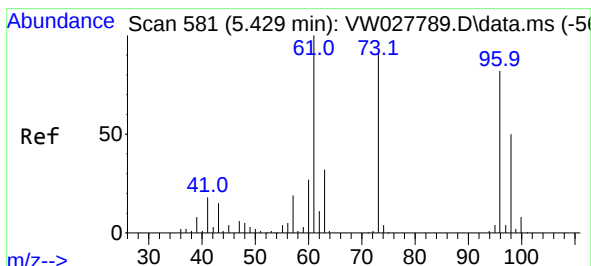
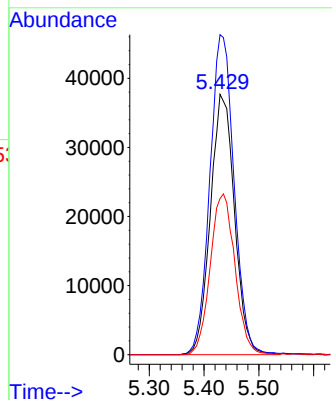
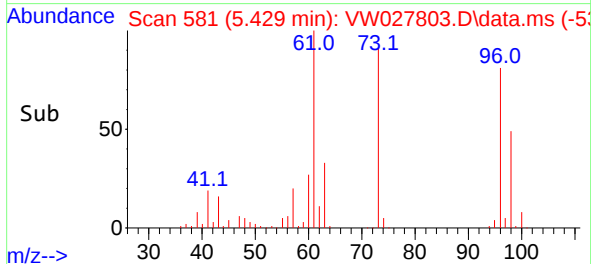


#17
trans-1,2-Dichloroethene
Concen: 25.051 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

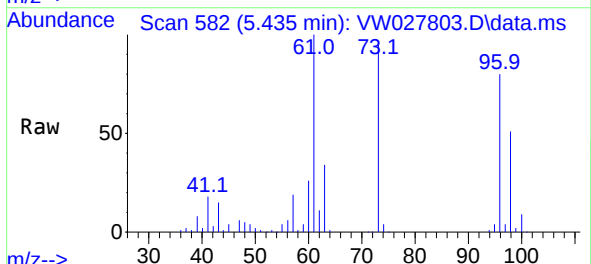
Instrument :
MSVOA_W
ClientSampleId :



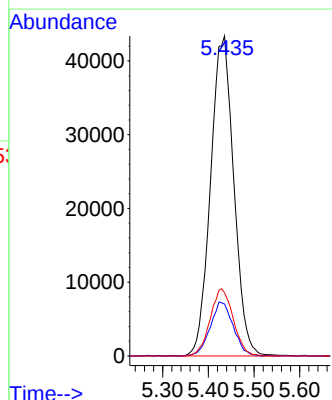
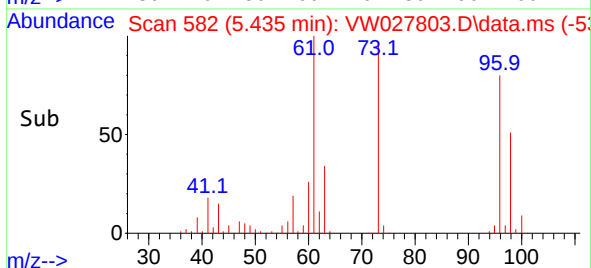
Tgt Ion: 96 Resp: 115220
Ion Ratio Lower Upper
96 100
61 122.9 88.5 164.3
98 60.0 42.9 79.7

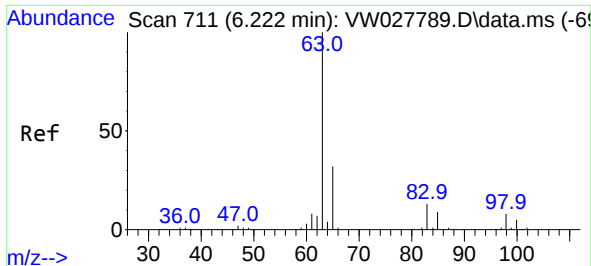


#18
Methyl tert-butyl Ether
Concen: 25.231 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54



Tgt Ion: 73 Resp: 153427
Ion Ratio Lower Upper
73 100
43 16.7 13.5 20.3
57 20.8 17.4 26.0





#19

1,1-Dichloroethane

Concen: 24.700 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

ClientSampleId :

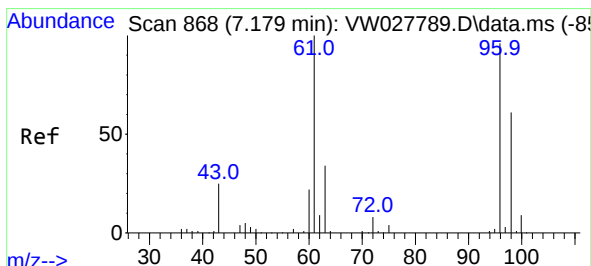
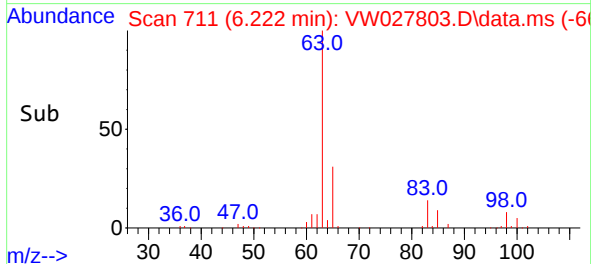
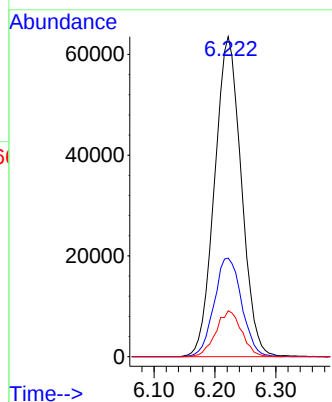
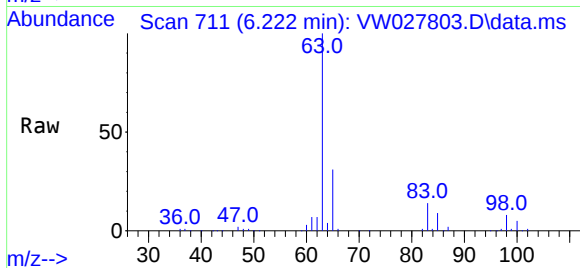
Tgt Ion: 63 Resp: 193188

Ion Ratio Lower Upper

63 100

65 30.8 23.0 42.8

83 14.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.500 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

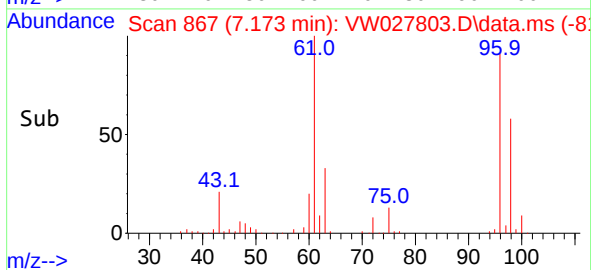
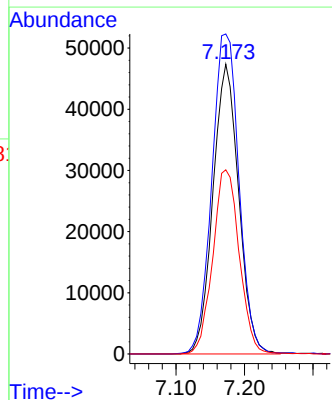
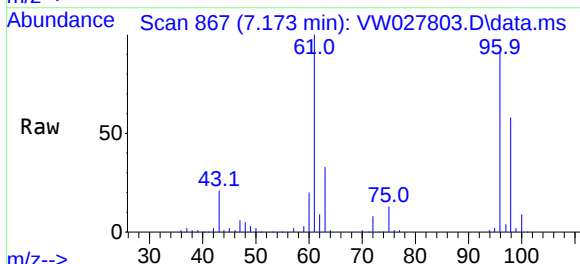
Tgt Ion: 96 Resp: 123463

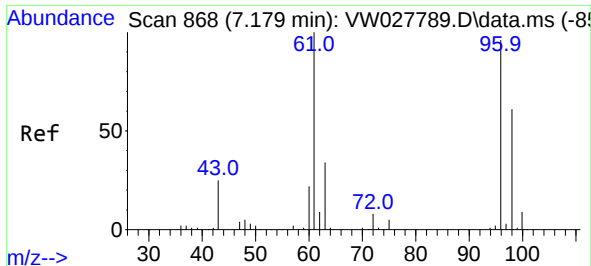
Ion Ratio Lower Upper

96 100

61 110.4 83.5 155.1

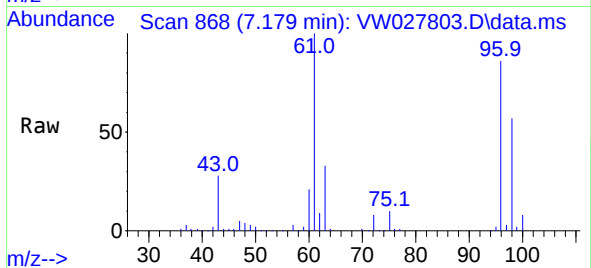
98 63.6 46.5 86.5



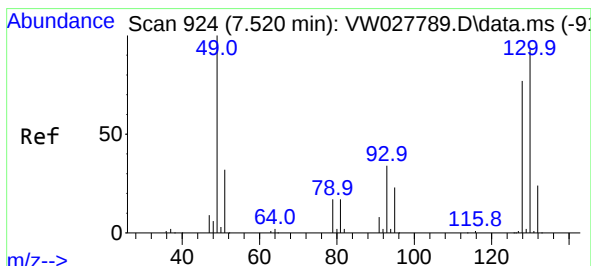
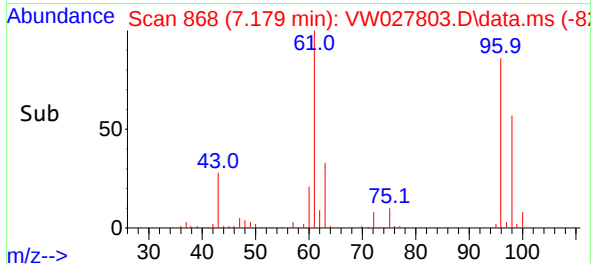
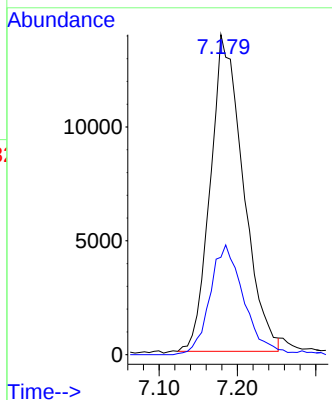


#22
2-Butanone
Concen: 39.309 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.018 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

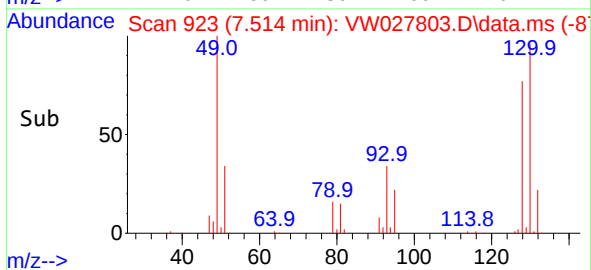
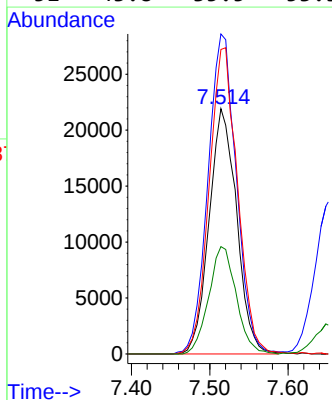
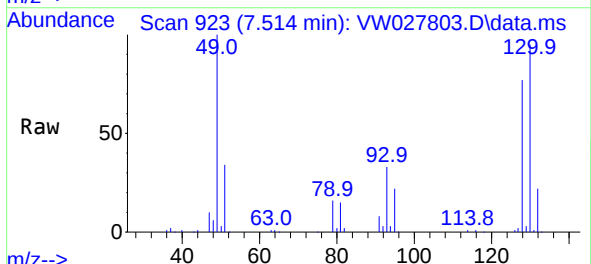


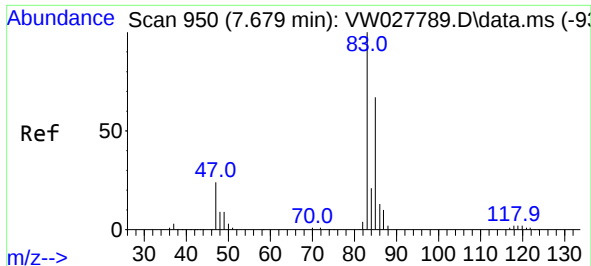
Tgt Ion: 43 Resp: 40579
Ion Ratio Lower Upper
43 100
72 35.5 16.1 48.2



#23
Bromochloromethane
Concen: 26.177 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion:128 Resp: 53519
Ion Ratio Lower Upper
128 100
49 130.5 94.1 174.7
130 124.2 86.2 160.0
51 43.8 35.5 53.3





#25

Chloroform

Concen: 26.025 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

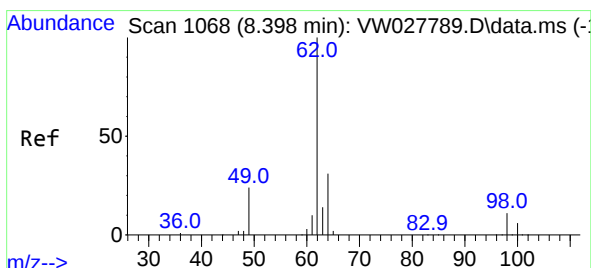
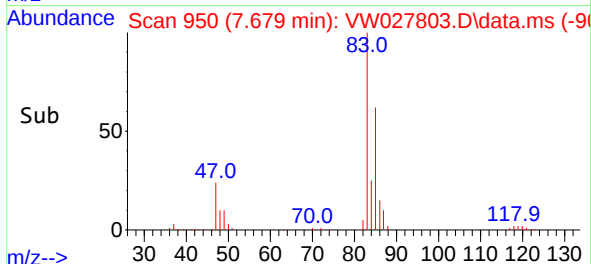
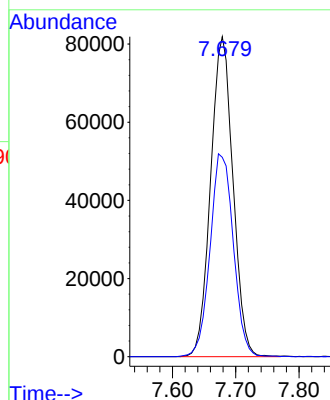
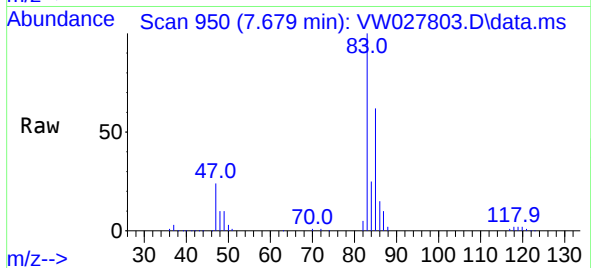
ClientSampleId :

Tgt Ion: 83 Resp: 200463

Ion Ratio Lower Upper

83 100

85 62.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 25.051 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027803.D

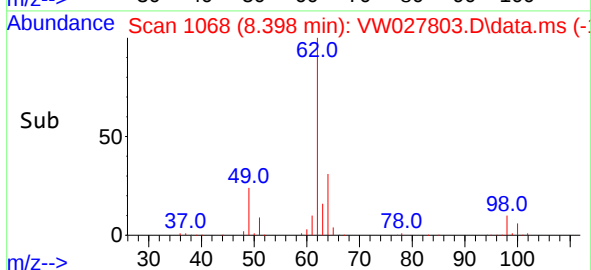
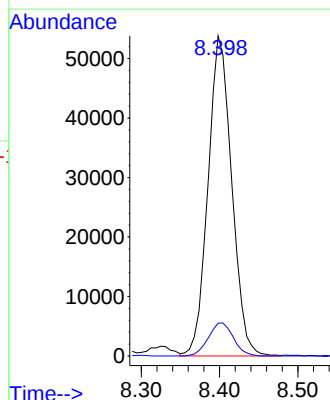
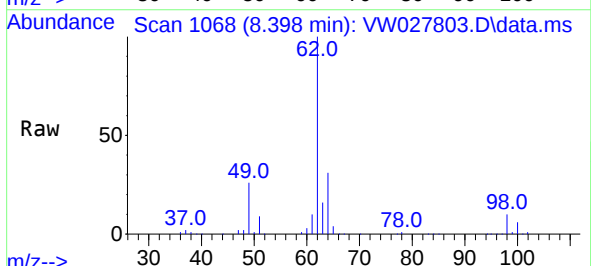
Acq: 20 Dec 2023 01:54

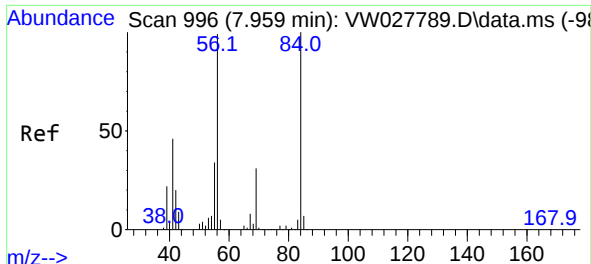
Tgt Ion: 62 Resp: 113127

Ion Ratio Lower Upper

62 100

98 10.3 8.1 12.1





#29

Cyclohexane

Concen: 22.955 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

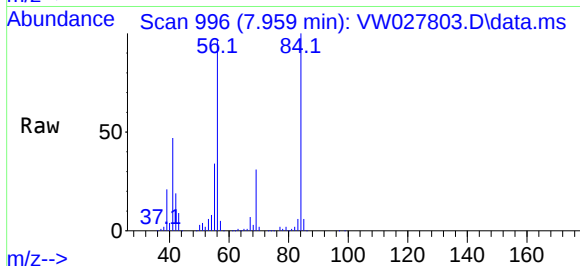
Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

ClientSampleId :



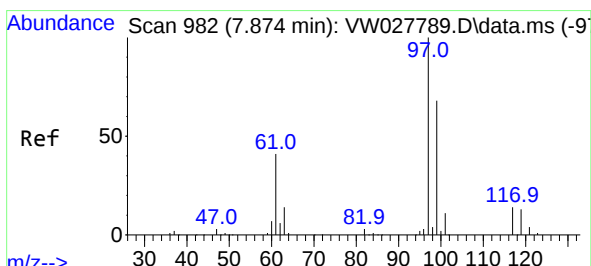
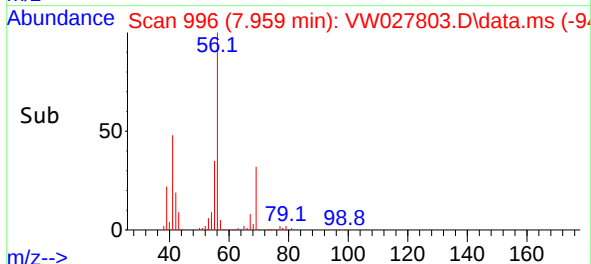
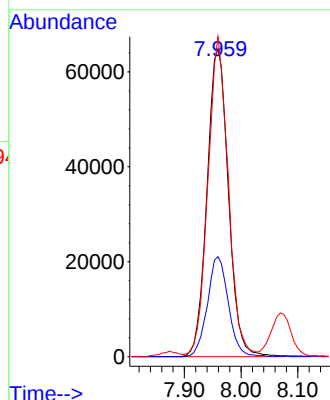
Tgt Ion: 56 Resp: 169807

Ion Ratio Lower Upper

56 100

69 31.8 25.7 38.5

84 98.6 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 25.095 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

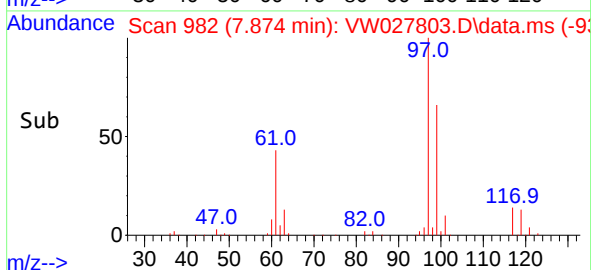
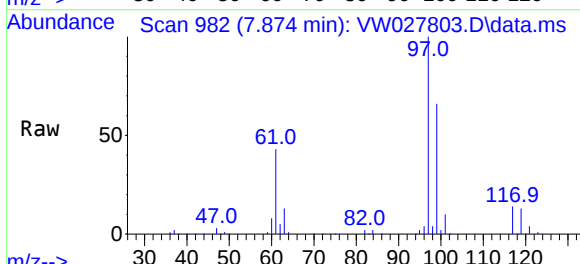
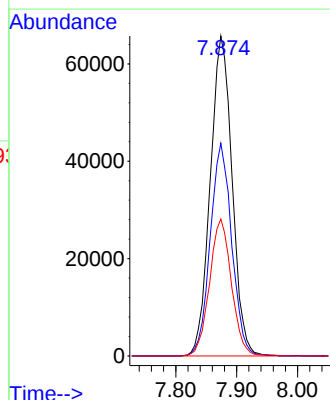
Tgt Ion: 97 Resp: 163892

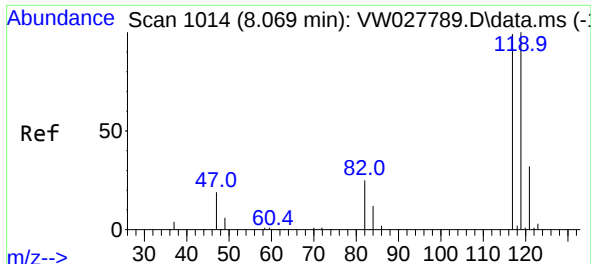
Ion Ratio Lower Upper

97 100

99 65.4 51.1 76.7

61 42.7 34.2 51.4

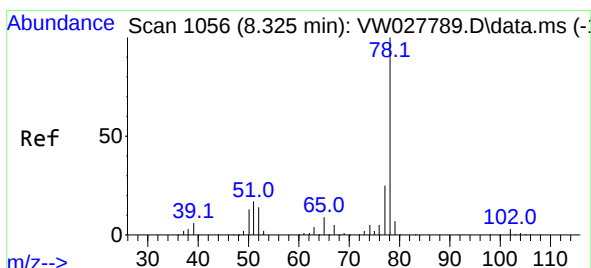
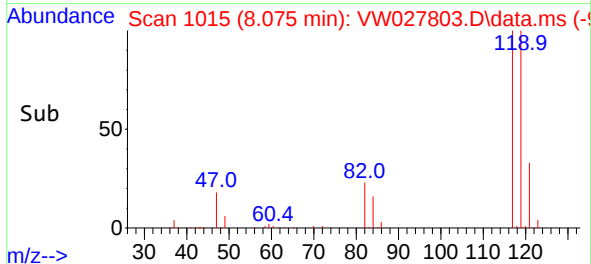
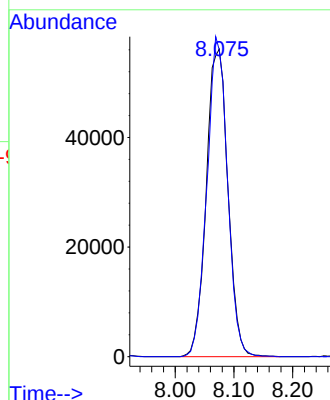
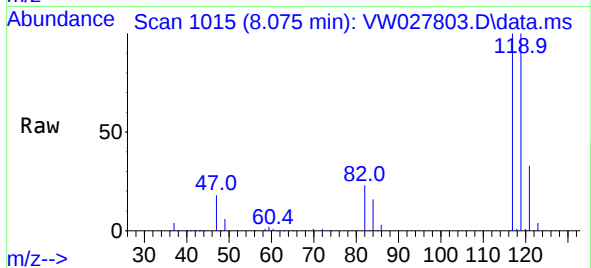




#31
Carbon tetrachloride
Concen: 25.021 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

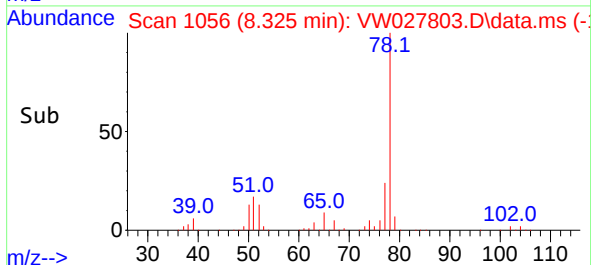
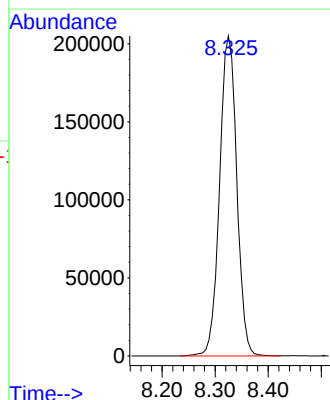
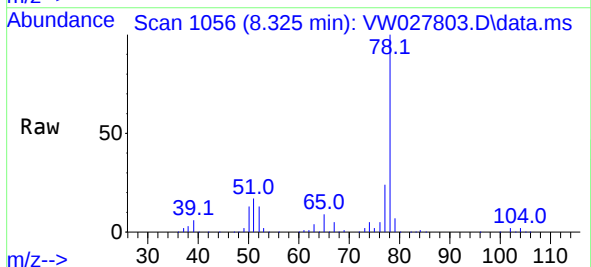
Instrument :
MSVOA_W
ClientSampleId :

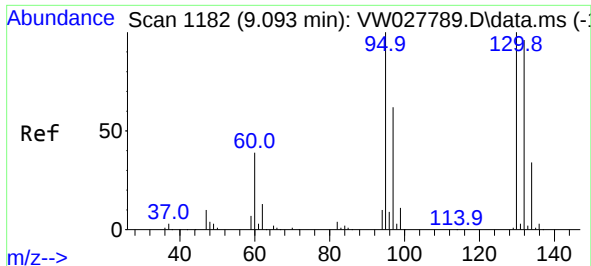
Tgt Ion:117 Resp: 143806
Ion Ratio Lower Upper
117 100
119 98.7 74.6 112.0



#33
Benzene
Concen: 25.480 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 78 Resp: 461803

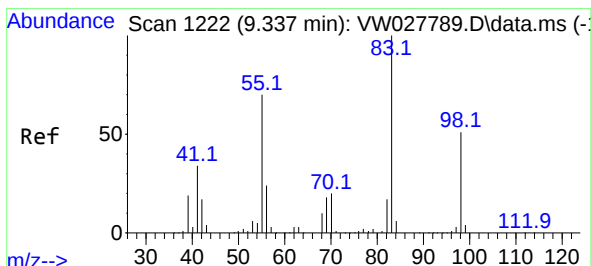
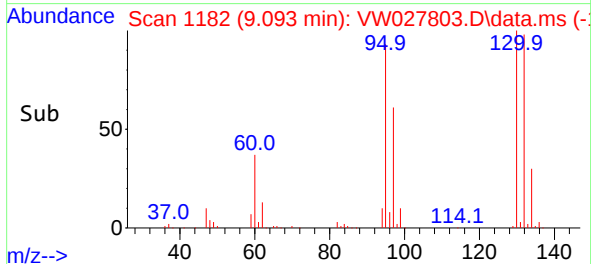
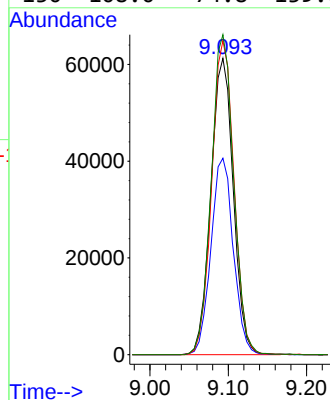
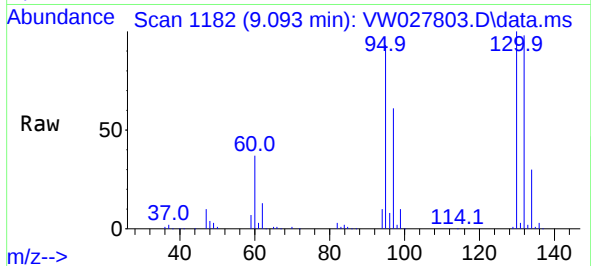




#34
Trichloroethene
Concen: 24.671 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

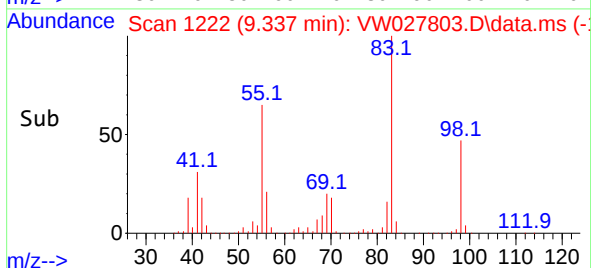
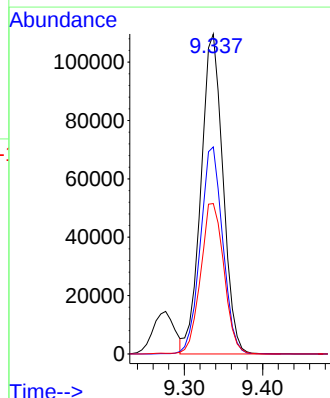
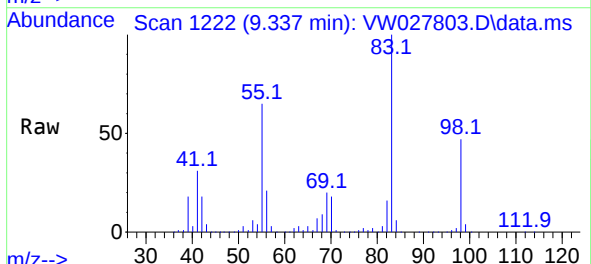
Instrument :
MSVOA_W
ClientSampleId :

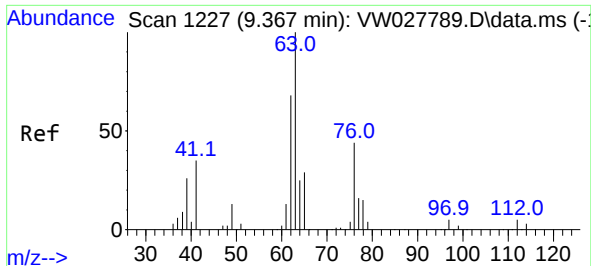
Tgt Ion: 95 Resp: 121882
Ion Ratio Lower Upper
95 100
97 66.3 45.9 85.3
132 105.9 70.4 130.8
130 108.0 74.8 139.0



#35
Methylcyclohexane
Concen: 24.032 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 83 Resp: 214142
Ion Ratio Lower Upper
83 100
55 65.6 55.1 82.7
98 49.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.611 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

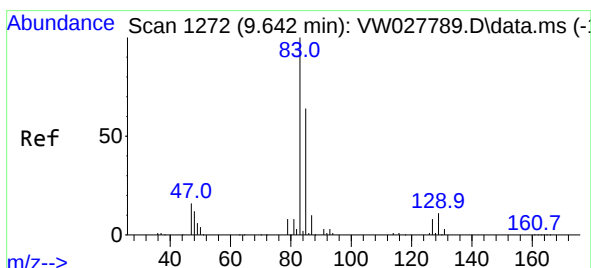
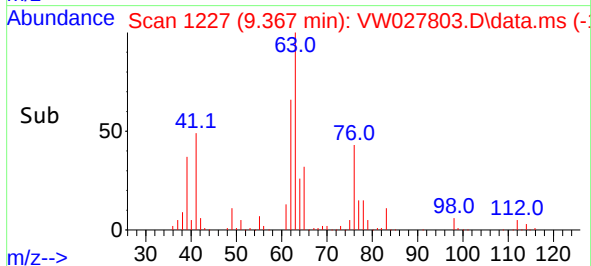
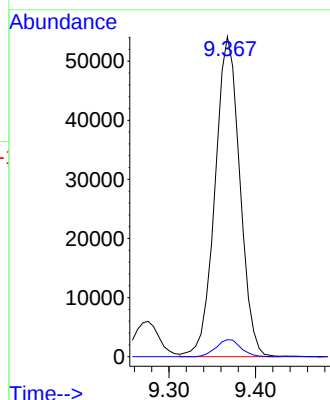
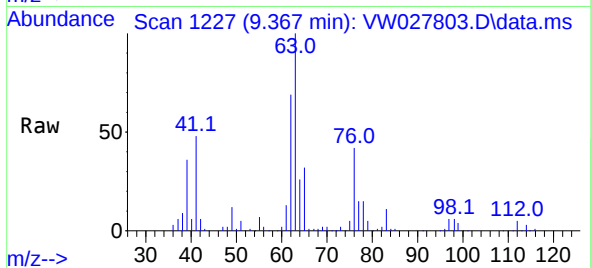
ClientSampleId :

Tgt Ion: 63 Resp: 107674

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 25.085 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

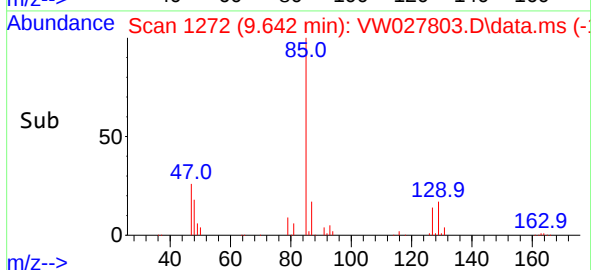
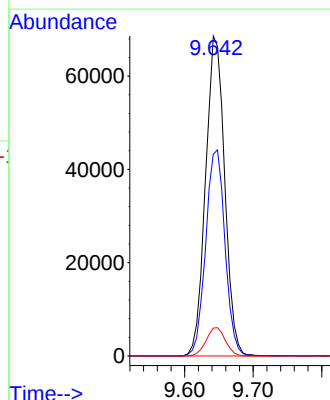
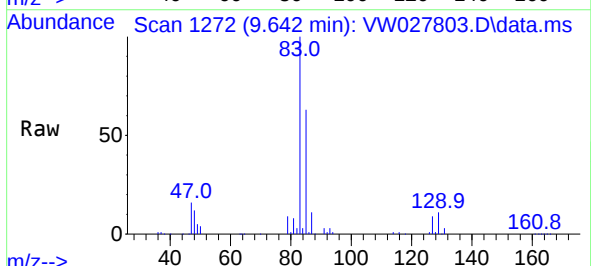
Tgt Ion: 83 Resp: 133397

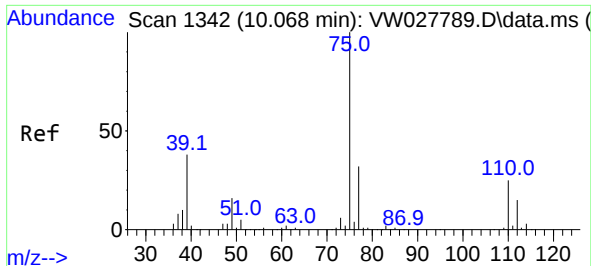
Ion Ratio Lower Upper

83 100

85 63.0 45.3 84.1

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.811 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

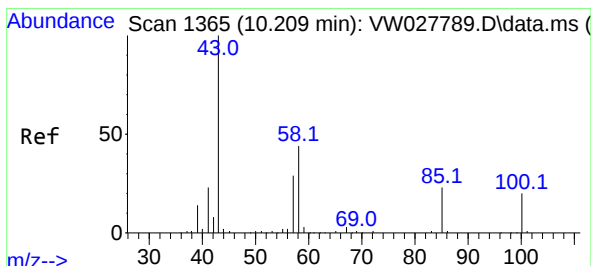
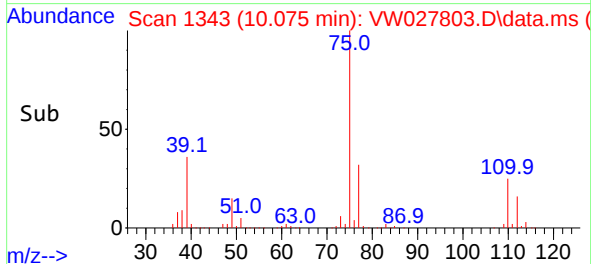
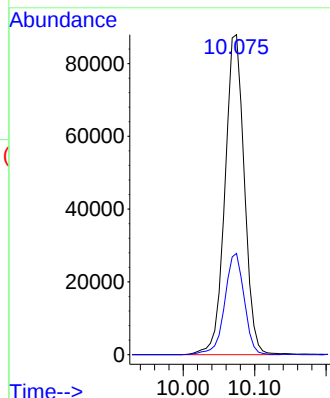
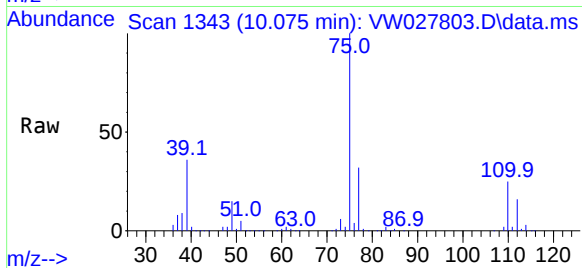
ClientSampleId :

Tgt Ion: 75 Resp: 165446

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.150 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

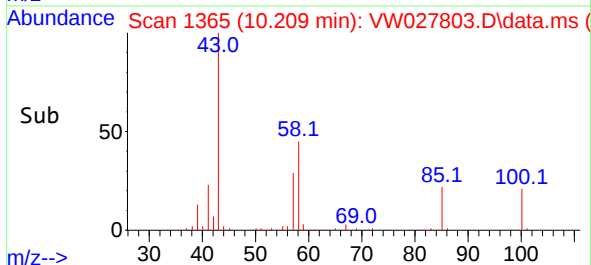
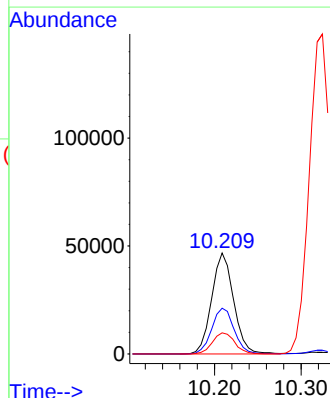
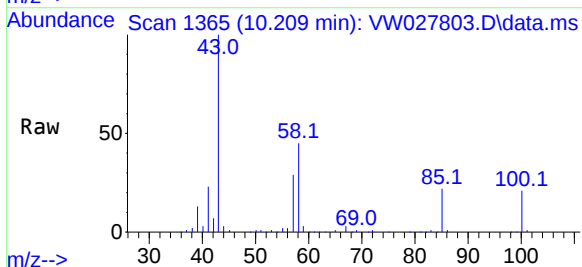
Tgt Ion: 43 Resp: 82511

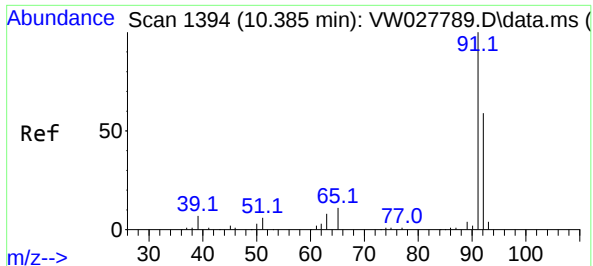
Ion Ratio Lower Upper

43 100

58 46.2 36.1 54.1

100 21.3 15.8 23.8





#42

Toluene

Concen: 26.038 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

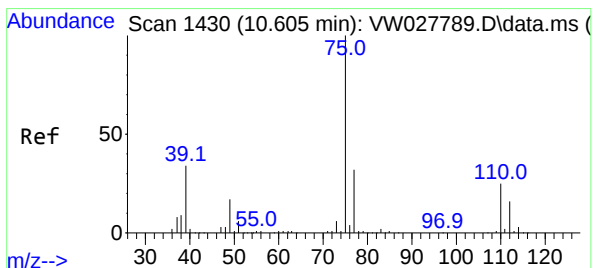
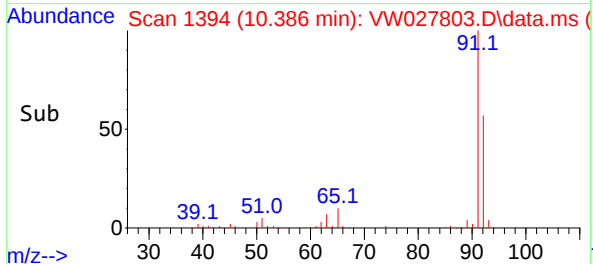
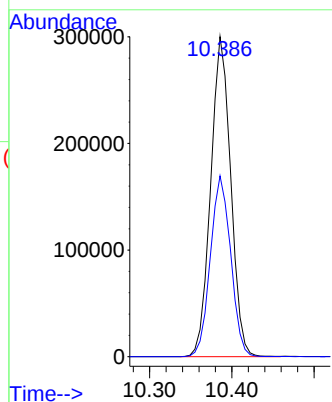
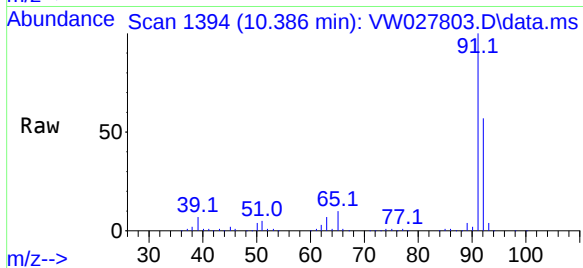
ClientSampleId :

Tgt Ion: 91 Resp: 507775

Ion Ratio Lower Upper

91 100

92 56.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 24.964 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027803.D

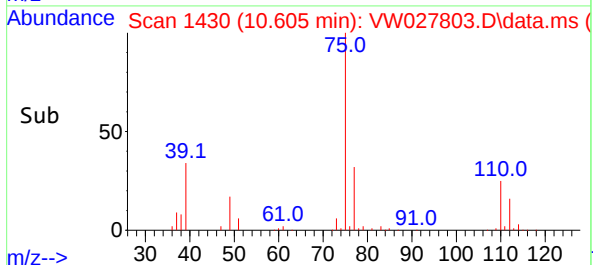
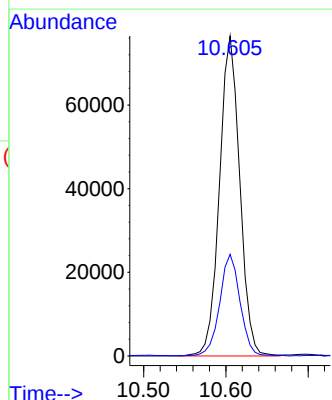
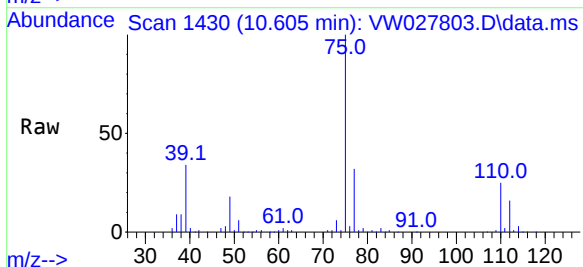
Acq: 20 Dec 2023 01:54

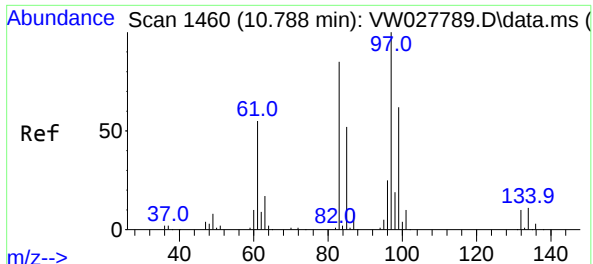
Tgt Ion: 75 Resp: 131091

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.964 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 80861

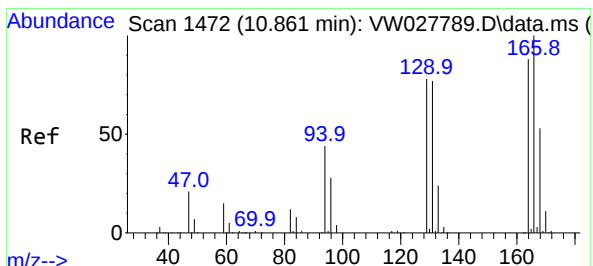
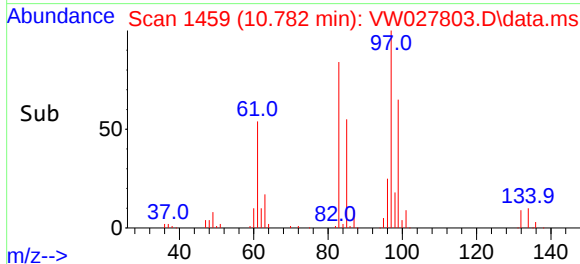
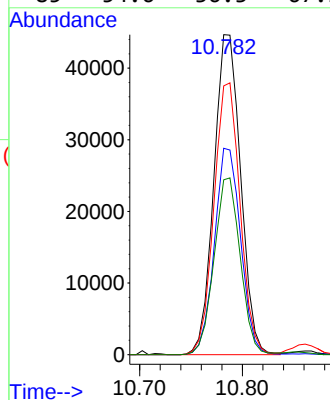
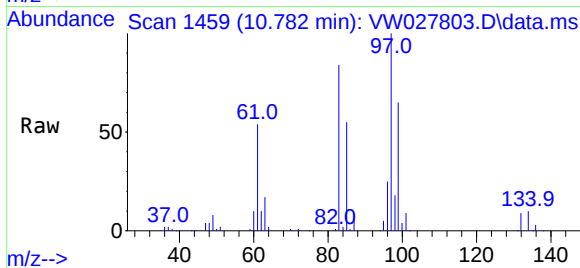
Ion Ratio Lower Upper

97 100

99 64.5 43.4 80.6

83 84.0 59.0 109.6

85 54.6 36.3 67.5



#46

Tetrachloroethene

Concen: 26.706 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Tgt Ion:164 Resp: 105353

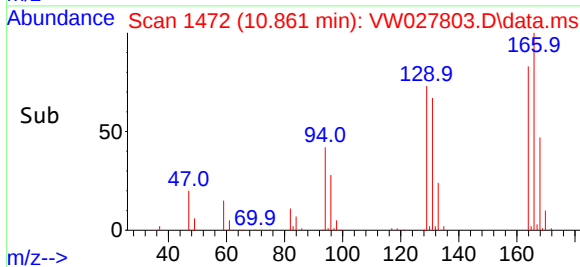
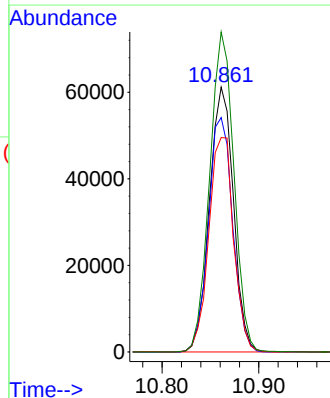
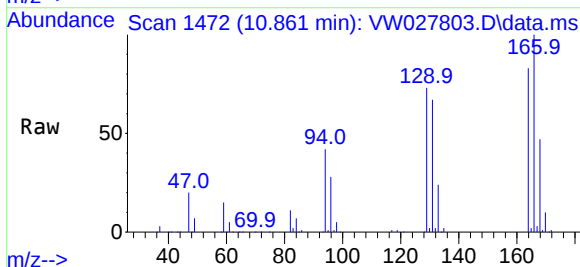
Ion Ratio Lower Upper

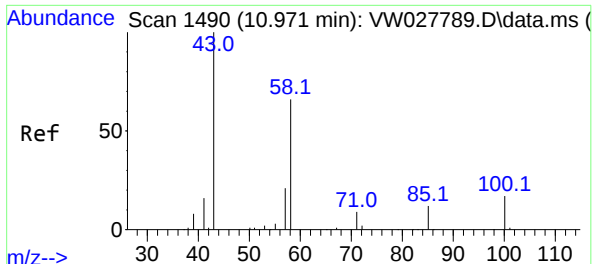
164 100

129 88.5 70.5 130.9

131 81.0 64.8 120.3

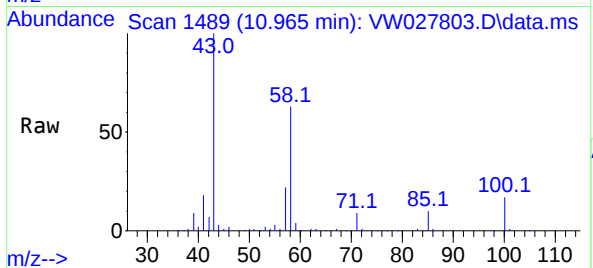
166 120.9 94.8 176.0



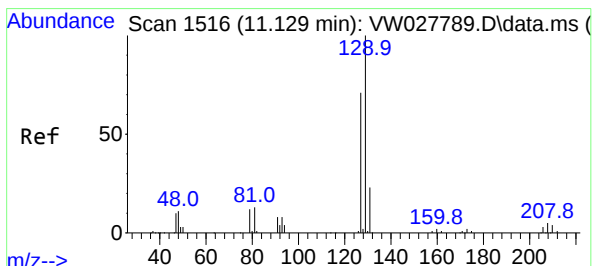
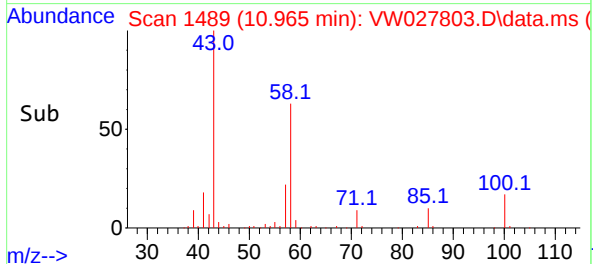
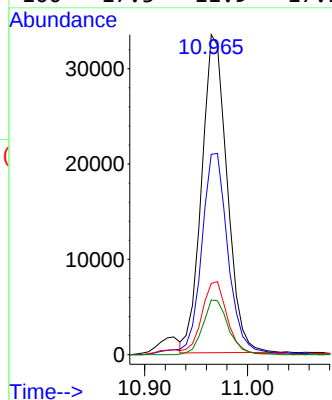


#48
2-Hexanone
Concen: 40.410 ug/L
RT: 10.965 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

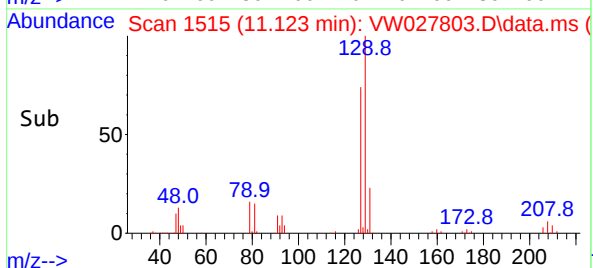
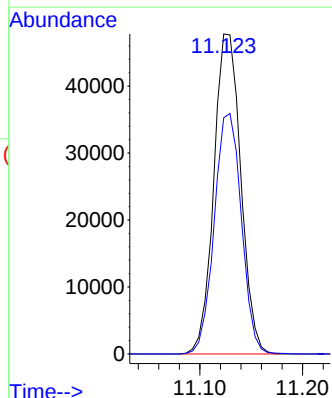
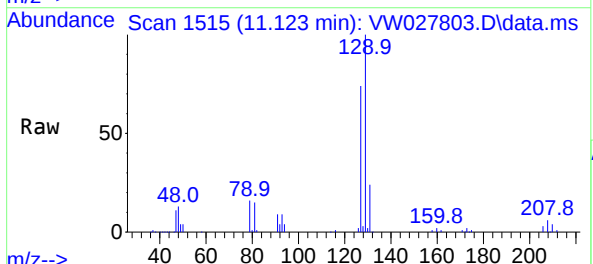


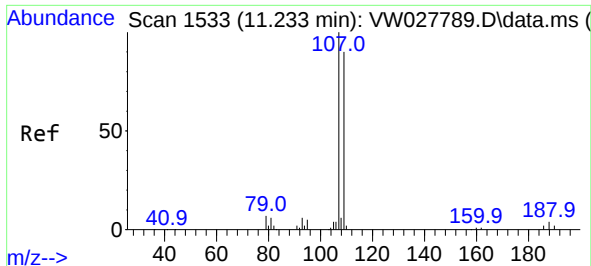
Tgt Ion: 43 Resp: 57515
Ion Ratio Lower Upper
43 100
58 66.6 50.4 75.6
57 23.2 17.0 25.6
100 17.3 11.9 17.9



#49
Dibromochloromethane
Concen: 25.713 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

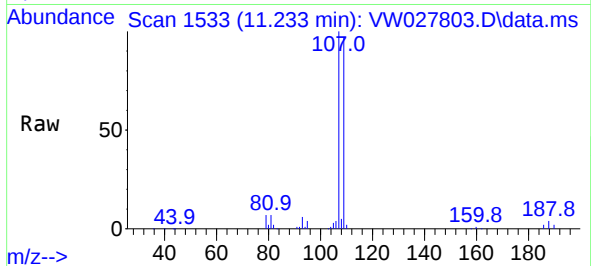
Tgt Ion: 129 Resp: 87109
Ion Ratio Lower Upper
129 100
127 73.8 55.4 102.8



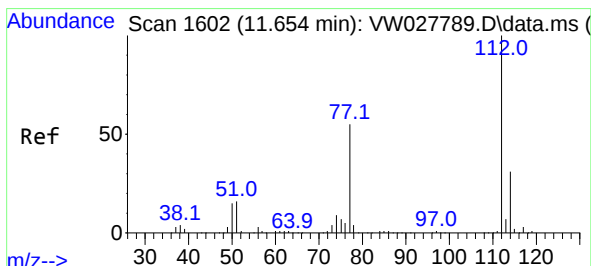
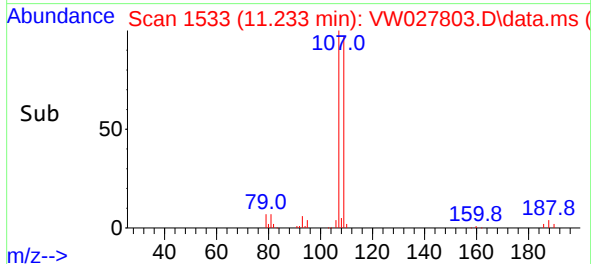
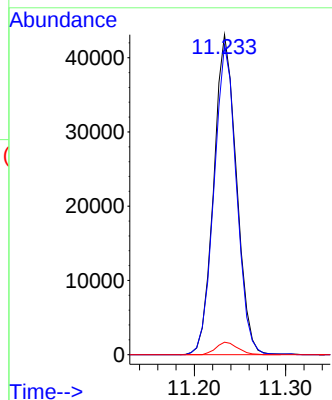


#50
1,2-Dibromoethane
Concen: 24.169 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

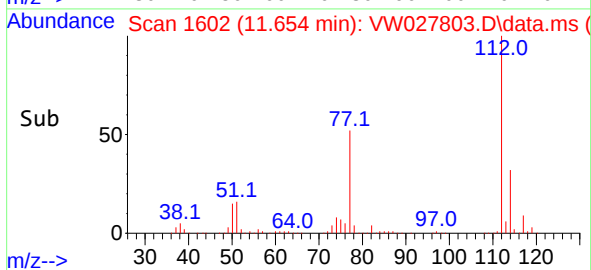
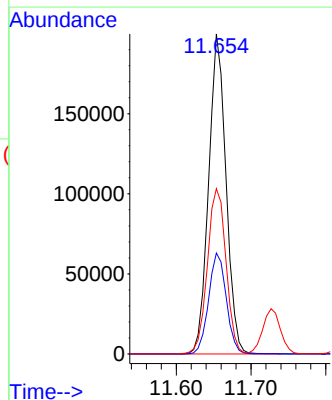
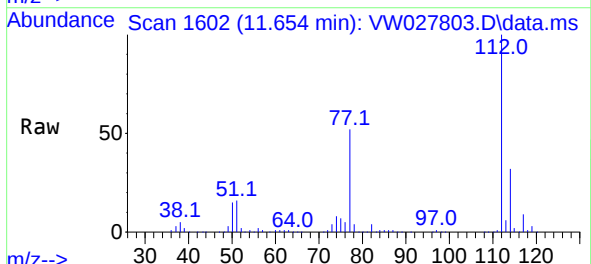


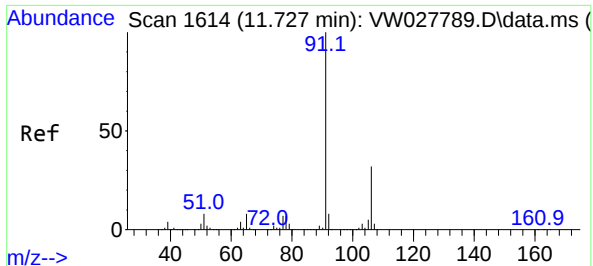
Tgt Ion:107 Resp: 74397
Ion Ratio Lower Upper
107 100
109 96.9 72.1 133.9
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 25.927 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion:112 Resp: 323023
Ion Ratio Lower Upper
112 100
114 31.6 25.0 46.4
77 51.6 48.1 72.1





#52

Ethylbenzene

Concen: 25.571 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

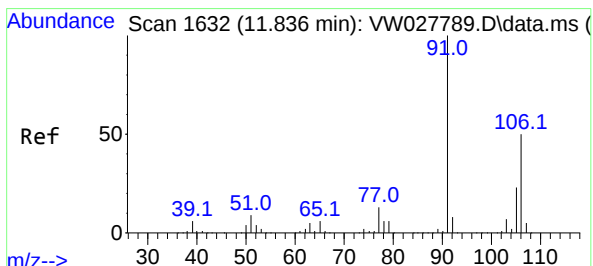
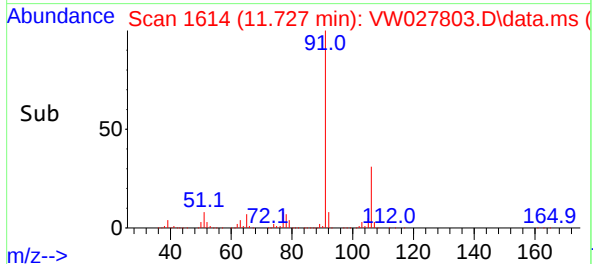
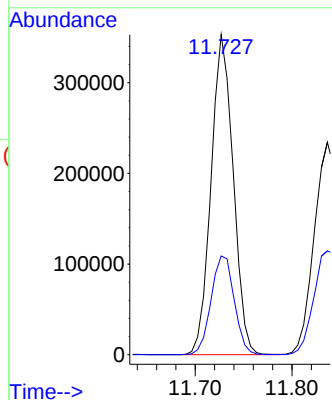
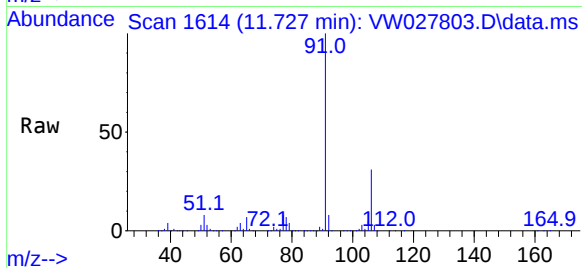
ClientSampleId :

Tgt Ion: 91 Resp: 561921

Ion Ratio Lower Upper

91 100

106 30.8 23.7 44.1



#53

m,p-Xylene

Concen: 26.411 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW027803.D

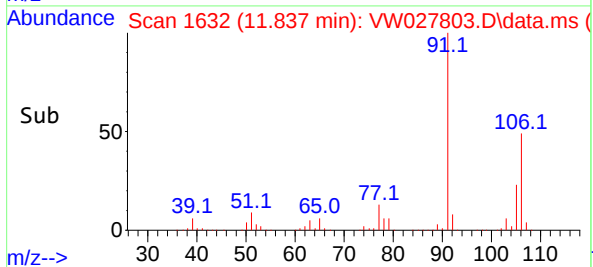
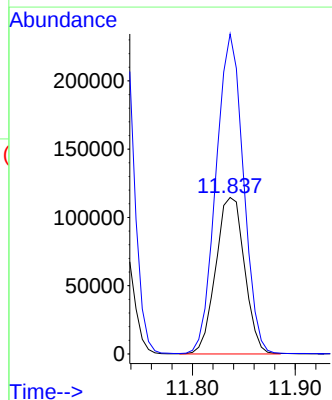
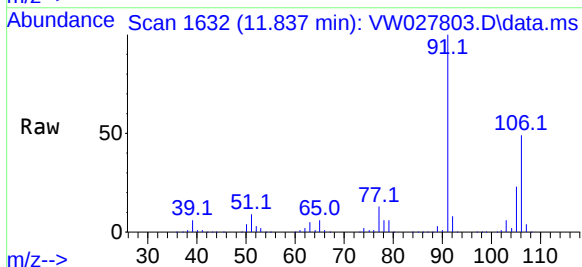
Acq: 20 Dec 2023 01:54

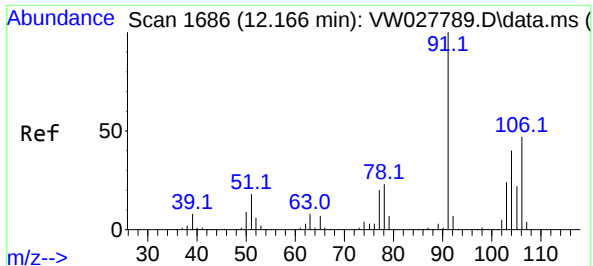
Tgt Ion:106 Resp: 222925

Ion Ratio Lower Upper

106 100

91 204.4 135.7 251.9

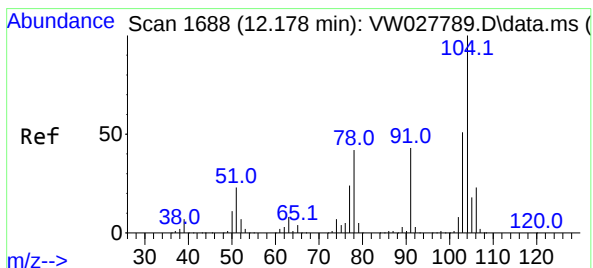
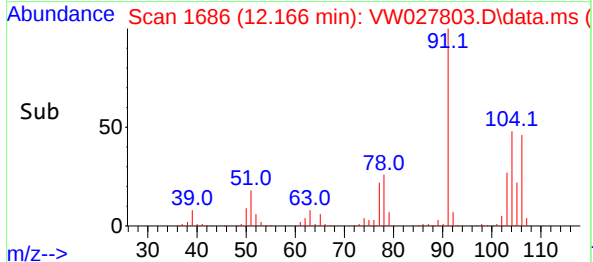
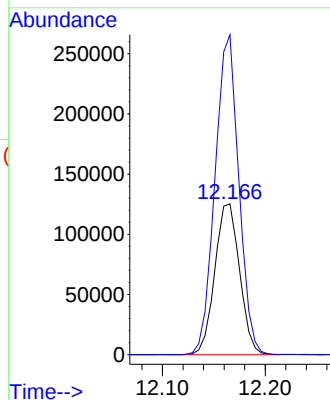
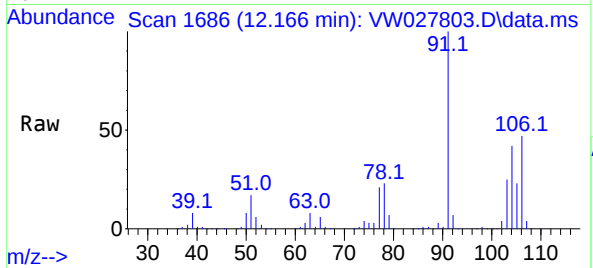




#54
o-Xylene
Concen: 26.680 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

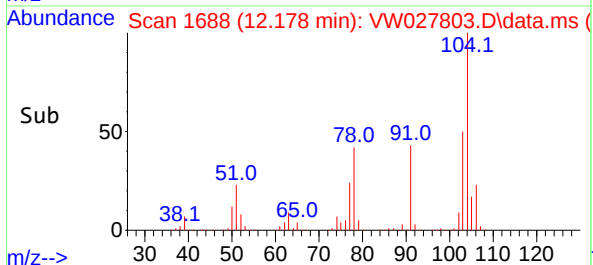
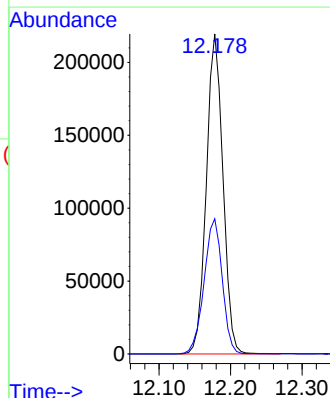
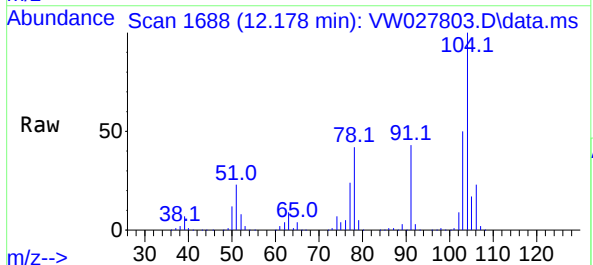
Instrument :
MSVOA_W
ClientSampleId :

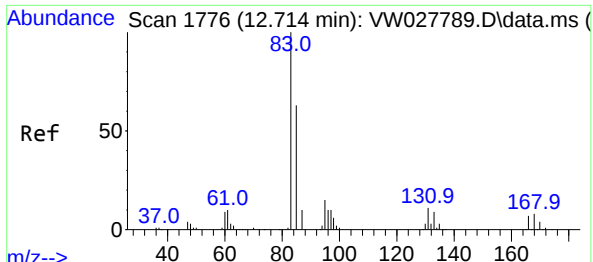
Tgt Ion:106 Resp: 209699
Ion Ratio Lower Upper
106 100
91 212.0 149.9 278.3



#55
Styrene
Concen: 26.741 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion:104 Resp: 354309
Ion Ratio Lower Upper
104 100
78 42.3 29.6 55.0

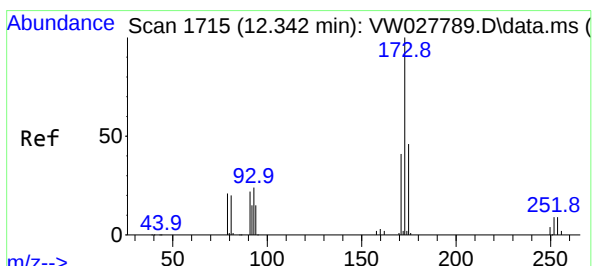
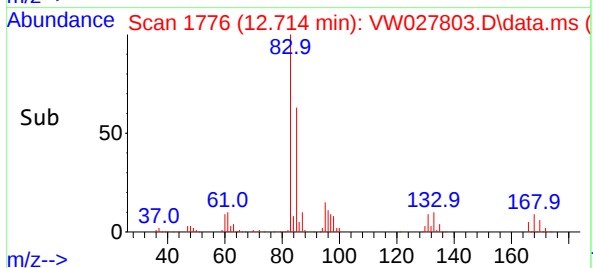
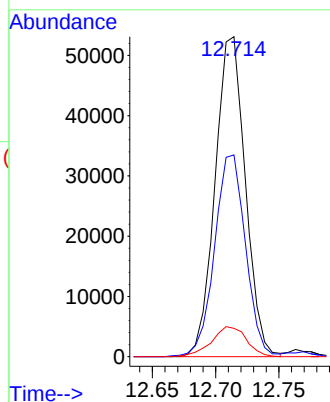
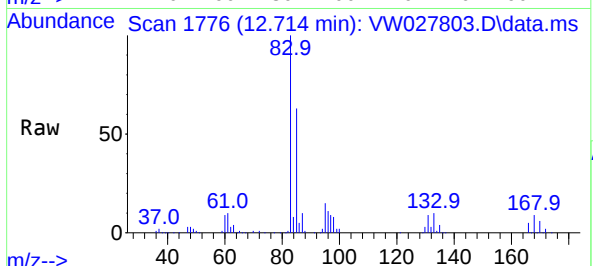




#57
1,1,2,2-Tetrachloroethane
Concen: 23.942 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

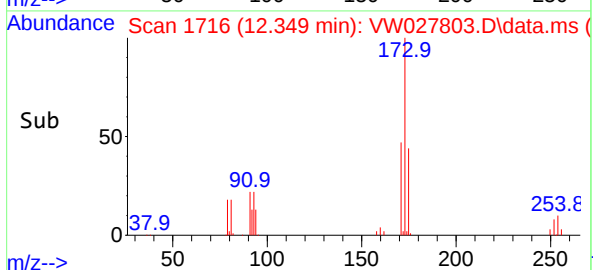
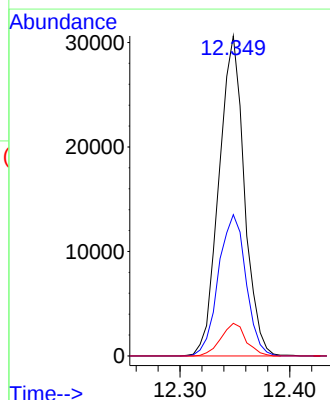
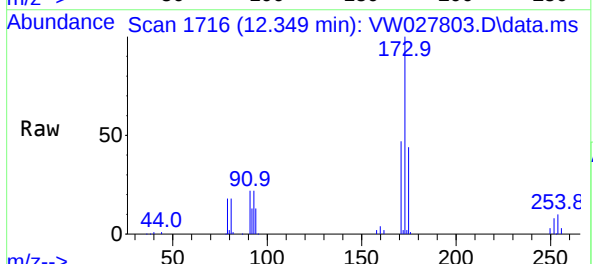
Instrument :
MSVOA_W
ClientSampleId :

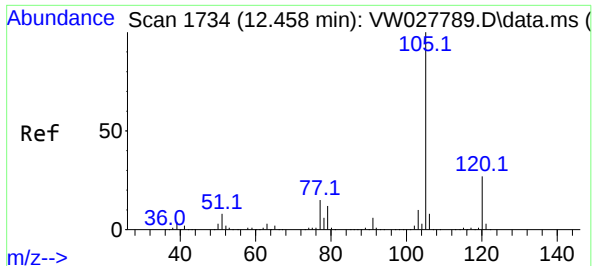
Tgt Ion:	83	Resp:	88403
Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.8	85.2
131	8.9	7.0	10.6



#59
Bromoform
Concen: 24.121 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

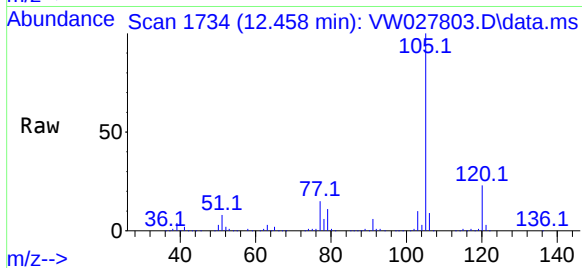
Tgt Ion:	173	Resp:	49277
Ion	Ratio	Lower	Upper
173	100		
175	47.8	36.3	54.5
254	10.1	7.5	11.3



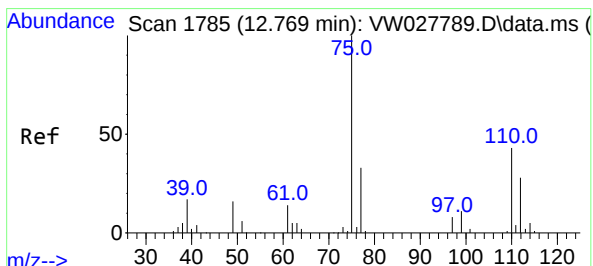
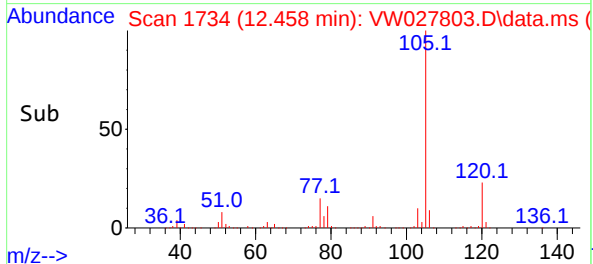
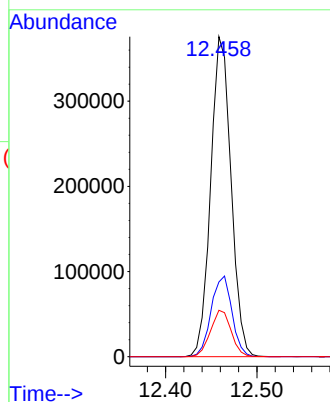


#60
Isopropylbenzene
Concen: 24.630 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

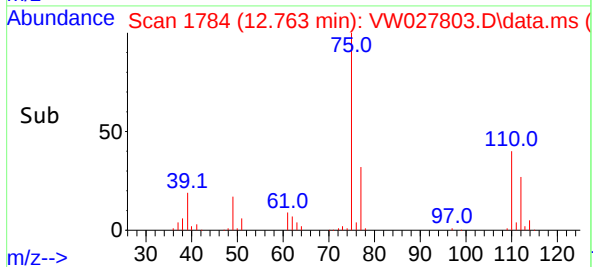
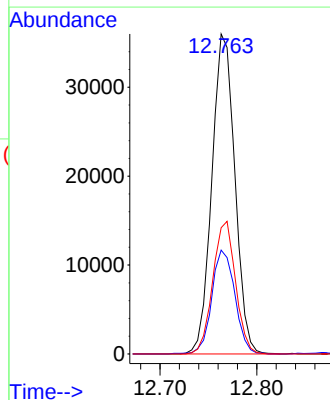
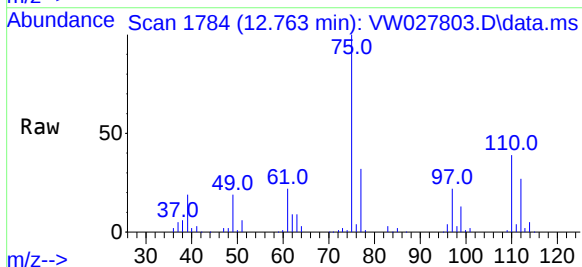


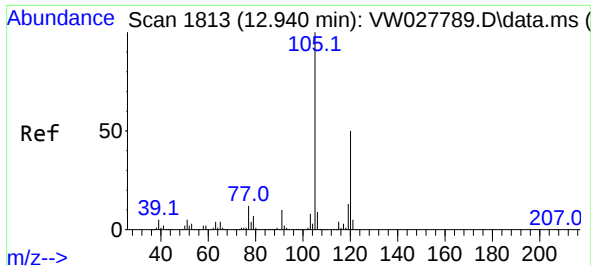
Tgt Ion:105 Resp: 580151
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 21.382 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

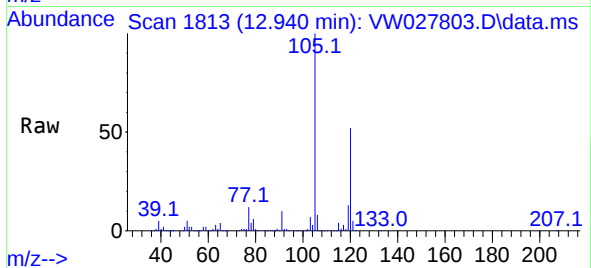
Tgt Ion: 75 Resp: 59474
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.4
110 41.0 32.2 48.2



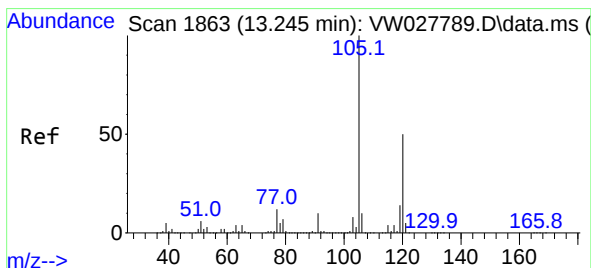
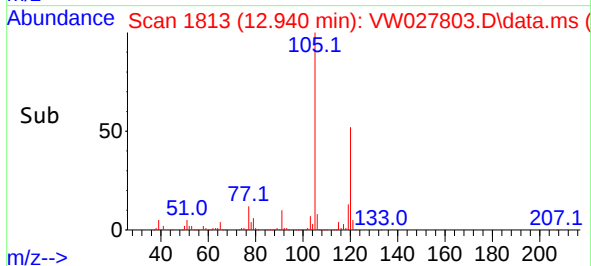
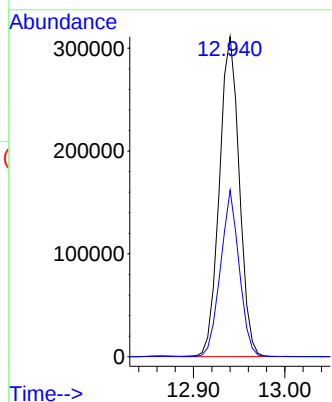


#62
1,3,5-Trimethylbenzene
Concen: 25.043 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

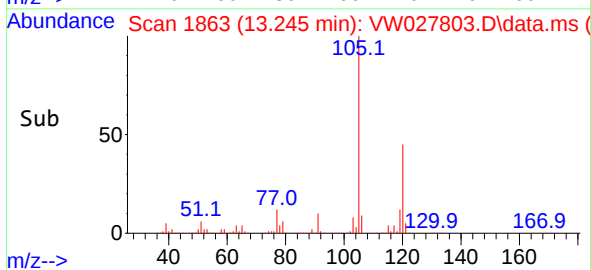
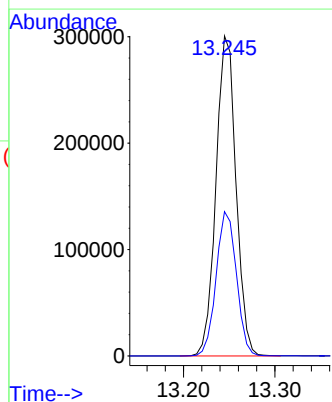
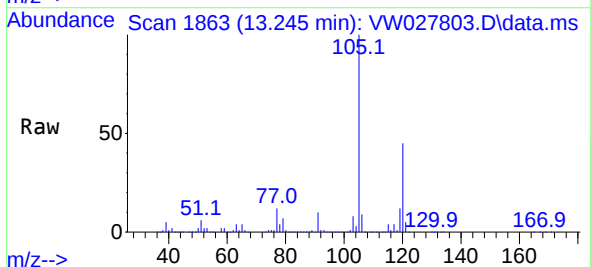


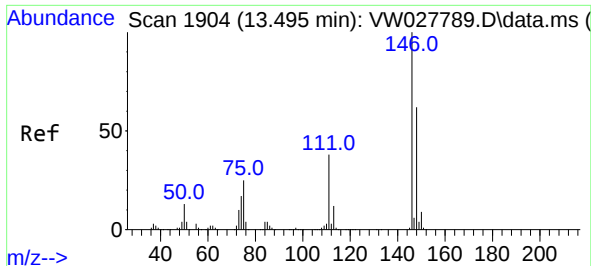
Tgt Ion:105 Resp: 471538
Ion Ratio Lower Upper
105 100
120 49.0 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 24.733 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

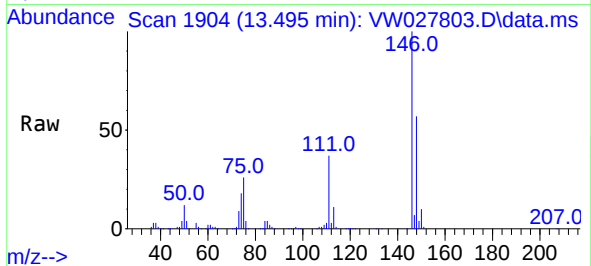
Tgt Ion:105 Resp: 458418
Ion Ratio Lower Upper
105 100
120 45.7 36.4 54.6



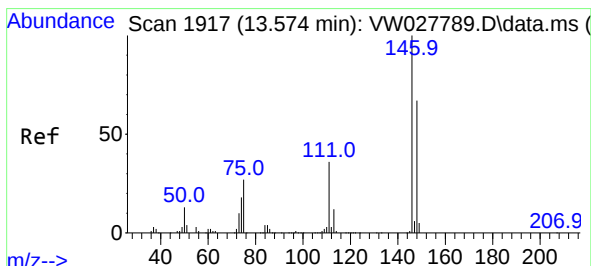
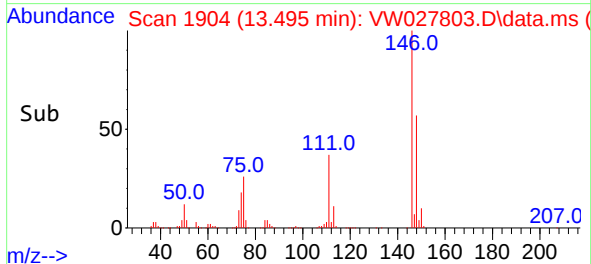
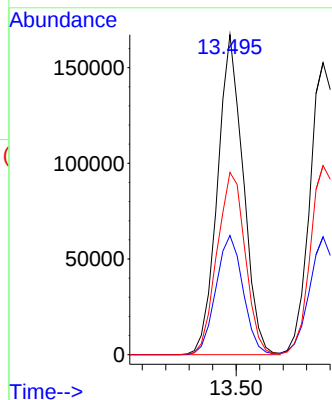


#64
1,3-Dichlorobenzene
Concen: 25.008 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

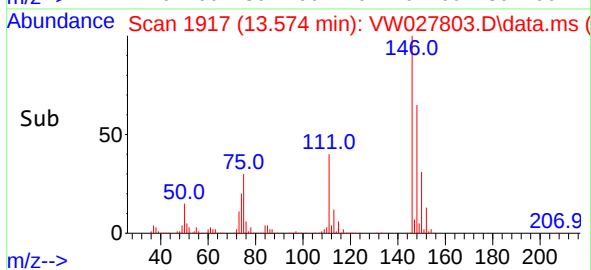
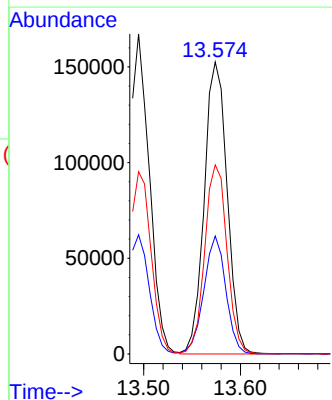
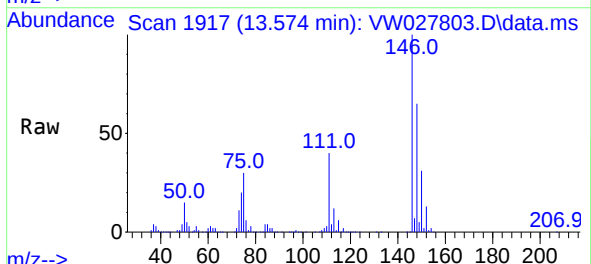


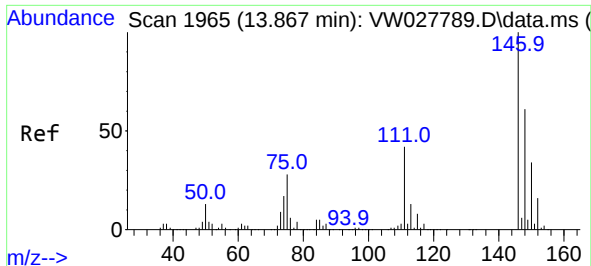
Tgt Ion:146 Resp: 254540
Ion Ratio Lower Upper
146 100
111 37.3 31.1 57.7
148 56.9 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 24.573 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion:146 Resp: 251236
Ion Ratio Lower Upper
146 100
111 40.4 26.2 48.6
148 64.8 46.3 85.9

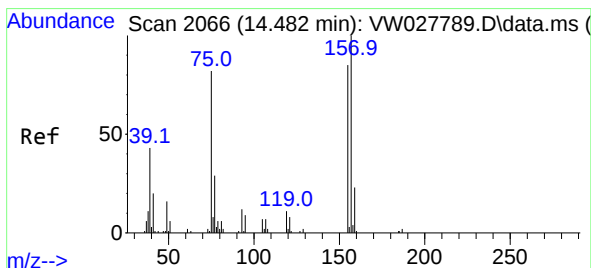
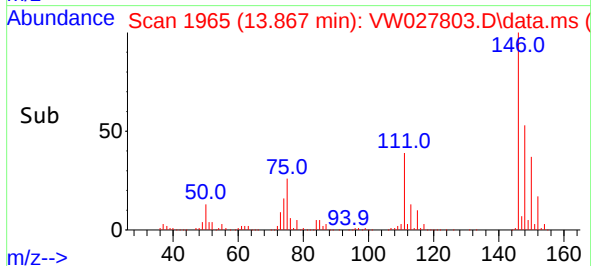
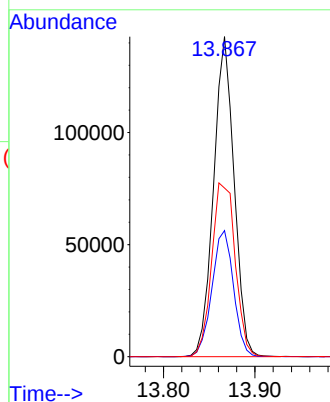
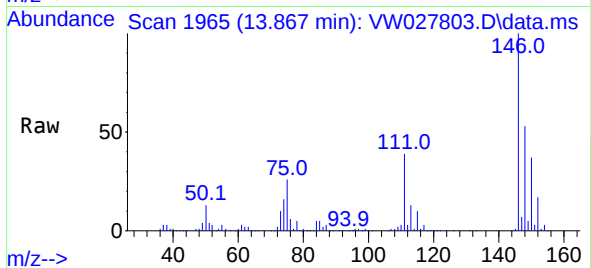




#67
1,2-Dichlorobenzene
Concen: 25.173 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

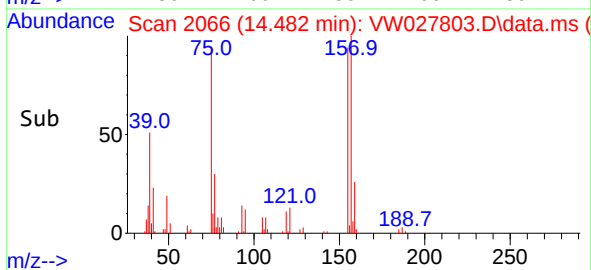
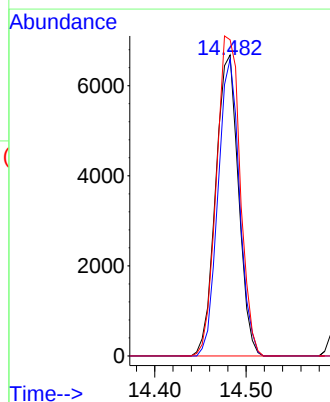
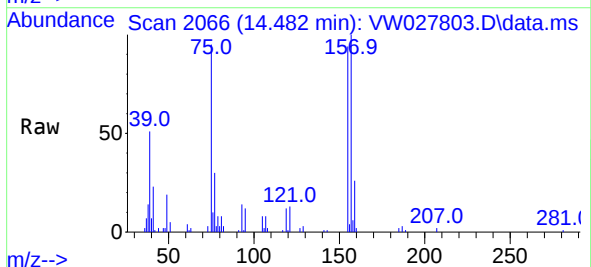
Instrument :
MSVOA_W
ClientSampleId :

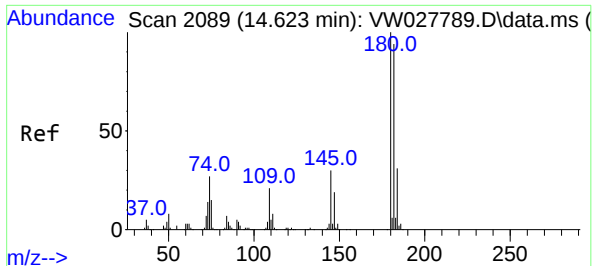
Tgt Ion:146 Resp: 222811
Ion Ratio Lower Upper
146 100
111 39.4 32.1 48.1
148 52.7 53.0 79.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 20.821 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 75 Resp: 11570
Ion Ratio Lower Upper
75 100
155 98.6 59.8 89.6#
157 105.1 87.5 131.3





#69

1,3,5-Trichlorobenzene

Concen: 25.299 ug/L

RT: 14.617 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 179174

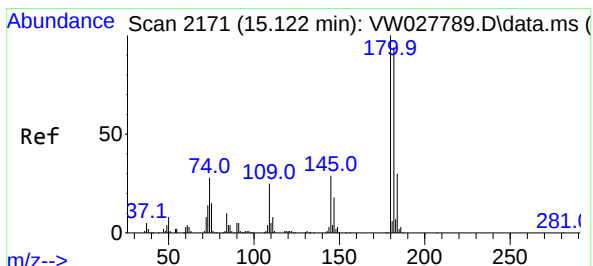
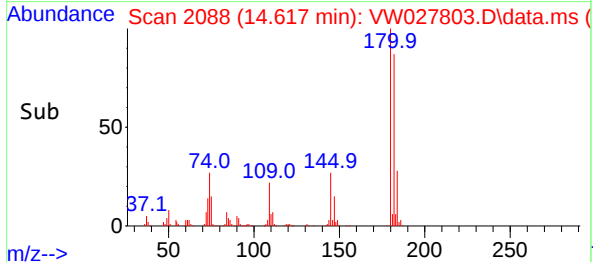
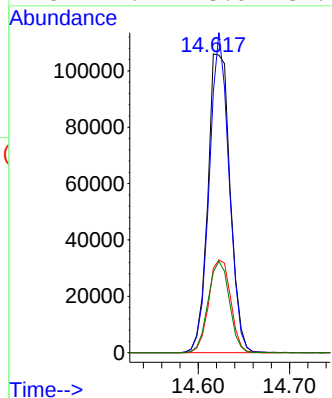
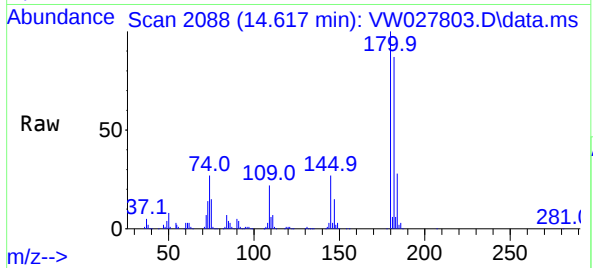
Ion Ratio Lower Upper

180 100

182 94.9 72.6 109.0

184 30.6 23.0 34.6

145 29.2 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 24.765 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027803.D

Acq: 20 Dec 2023 01:54

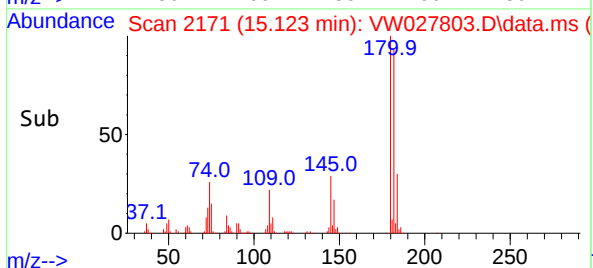
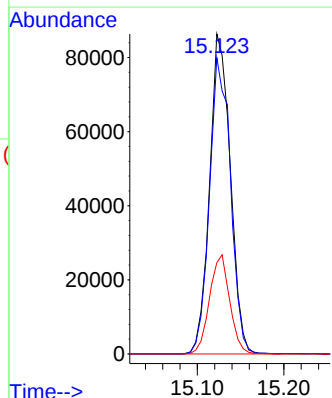
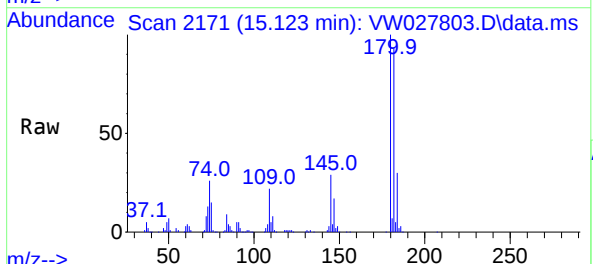
Tgt Ion:180 Resp: 144035

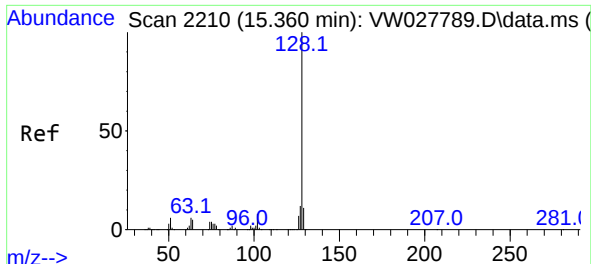
Ion Ratio Lower Upper

180 100

182 93.8 69.7 104.5

145 30.1 24.1 36.1

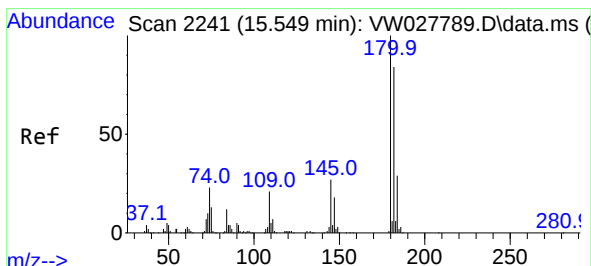
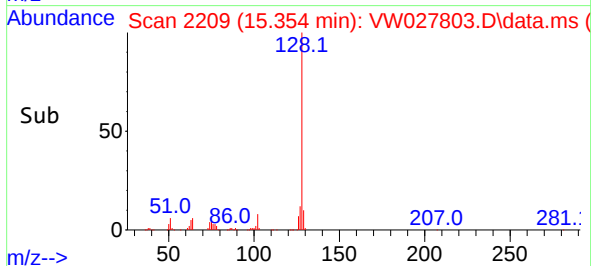
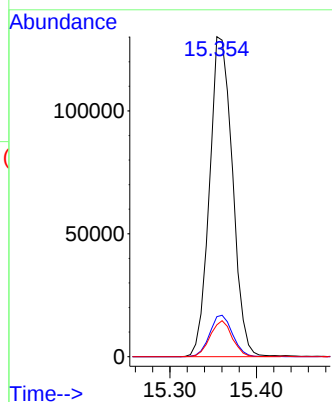
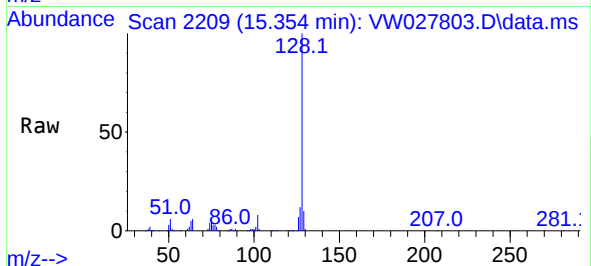




#71
Naphthalene
Concen: 23.250 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 239628
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.918 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027803.D
Acq: 20 Dec 2023 01:54

Tgt Ion:180 Resp: 121171
Ion Ratio Lower Upper
180 100
182 95.7 75.5 113.3
145 31.9 25.0 37.6

