

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025159.D
 Acq On : 22 Dec 2022 15:43
 Operator : SY/MD
 Sample : N6171-04MS
 Misc : 4.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQC3MS

Quant Time: Dec 23 00:46:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	304181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	199062	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50752	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	103558	29.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.120%	
7) Chloroethane-d5	2.879	69	71532	31.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.360%	
11) 1,1-Dichloroethene-d2	4.019	63	212305	27.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.560%#	
21) 2-Butanone-d5	7.074	46	102679	116.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 233.280%#	
24) Chloroform-d	7.647	84	244760	31.172	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 124.680%	
26) 1,2-Dichloroethane-d4	8.305	65	144037	36.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 144.680%#	
32) Benzene-d6	8.275	84	442445	37.900	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 151.600%#	
36) 1,2-Dichloropropane-d6	9.274	67	143764	42.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 169.280%#	
41) Toluene-d8	10.323	98	345471	32.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 130.560%#	
43) trans-1,3-Dichloroprop...	10.573	79	57280	39.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 159.680%#	
47) 2-Hexanone-d5	10.920	63	80058	160.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 321.280%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130241	51.923	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 207.680%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	47390	27.549	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	53168	28.841	ug/L	93
3) Chloromethane	2.215	50	91002	28.035	ug/L	100
5) Vinyl chloride	2.361	62	117731	28.993	ug/L	100
6) Bromomethane	2.776	94	59483	28.270	ug/L	98
8) Chloroethane	2.916	64	55380	29.486	ug/L	99
9) Trichlorofluoromethane	3.257	101	84128	27.645	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	106747	26.556	ug/L	98
12) 1,1-Dichloroethene	4.038	96	104836	27.355	ug/L	97
13) Acetone	4.117	43	79351	87.690	ug/L	97
14) Carbon disulfide	4.385	76	275370	22.508	ug/L	99
15) Methyl Acetate	4.672	43	71219	48.219	ug/L	98
16) Methylene chloride	4.922	84	131402	27.639	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	104331	25.680	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	226969	37.651	ug/L	100
19) 1,1-Dichloroethane	6.214	63	213780	29.122	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	122269	28.462	ug/L	96
22) 2-Butanone	7.171	43	104018	91.369	ug/L	97
23) Bromochloromethane	7.513	128	59144	32.535	ug/L	95
25) Chloroform	7.677	83	218211	29.374	ug/L	98

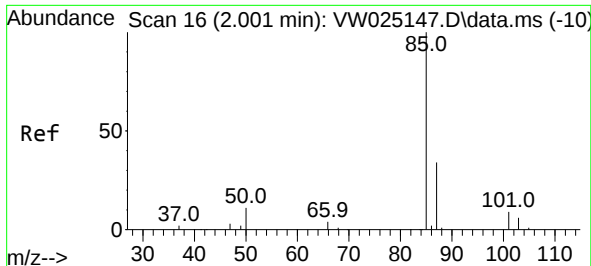
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	159800	34.166	ug/L	99
29) Cyclohexane	7.958	56	155212	30.792	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	175739	37.399	ug/L	99
31) Carbon tetrachloride	8.067	117	147383	34.111	ug/L	100
33) Benzene	8.323	78	436553	35.402	ug/L	100
34) Trichloroethene	9.091	95	100537	31.125	ug/L	95
35) Methylcyclohexane	9.335	83	121867	21.270	ug/L	98
37) 1,2-Dichloropropane	9.366	63	116922	39.312	ug/L	98
38) Bromodichloromethane	9.640	83	157285	40.030	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	170787	37.581	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	219928	144.248	ug/L	99
42) Toluene	10.384	91	388256	30.050	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	149646	38.451	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	100417	47.311	ug/L	93
46) Tetrachloroethene	10.859	164	63559	27.030	ug/L	95
48) 2-Hexanone	10.963	43	148392	133.249	ug/L	98
49) Dibromochloromethane	11.128	129	104831	41.125	ug/L	91
50) 1,2-Dibromoethane	11.231	107	91486	46.296	ug/L	97
51) Chlorobenzene	11.658	112	192155	23.239	ug/L	96
52) Ethylbenzene	11.725	91	359219	24.534	ug/L	97
53) m,p-Xylene	11.835	106	123924	22.163	ug/L	97
54) o-Xylene	12.164	106	125062	23.468	ug/L	95
55) Styrene	12.176	104	162567	18.014	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	121109	48.791	ug/L	99
59) Bromoform	12.347	173	58434	83.843	ug/L	97
60) Isopropylbenzene	12.463	105	313705	40.325	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	92969	95.303	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	208906	31.350	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	183886	28.405	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	68543	21.522	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	71330	22.240	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	72128	25.969	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19749	86.830	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	27329	12.085	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	18932	10.434	ug/L	96
71) Naphthalene	15.359	128	52718	14.821	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	18095	11.380	ug/L	99

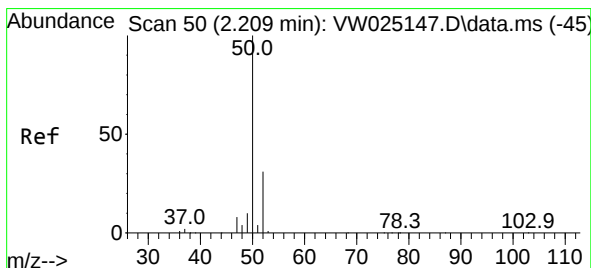
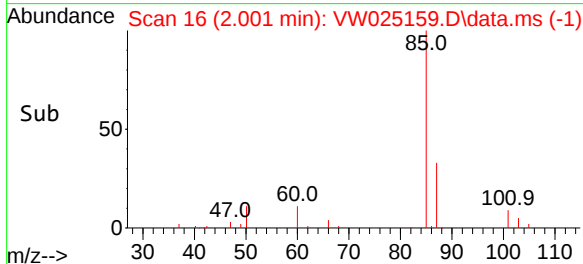
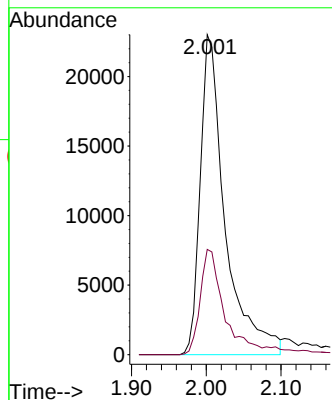
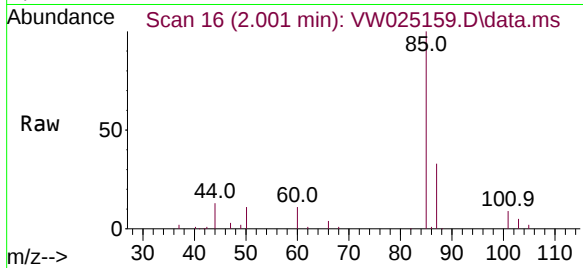
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#2
Dichlorodifluoromethane
Concen: 28.841 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

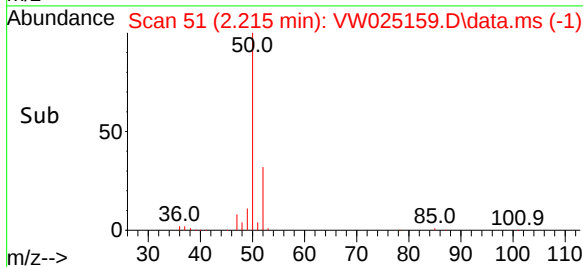
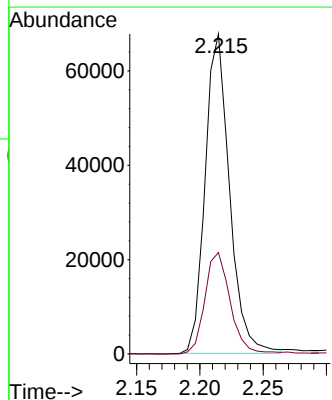
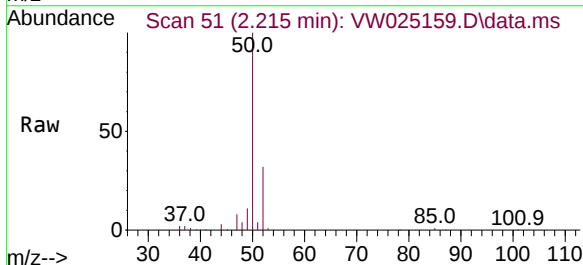
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

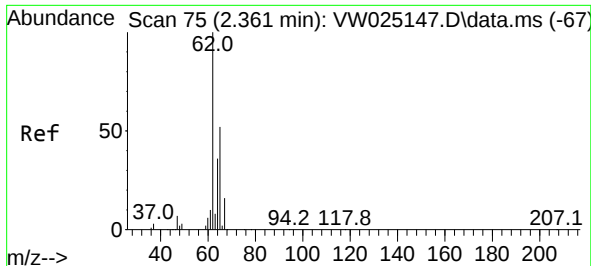
Tgt Ion: 85 Resp: 53168
Ion Ratio Lower Upper
85 100
87 27.6 25.0 37.6



#3
Chloromethane
Concen: 28.035 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 50 Resp: 91002
Ion Ratio Lower Upper
50 100
52 31.7 22.1 41.1

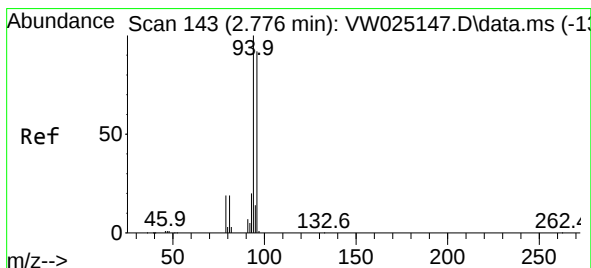
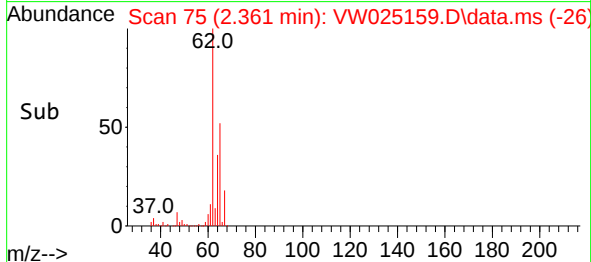
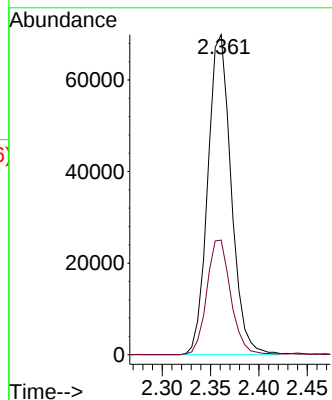
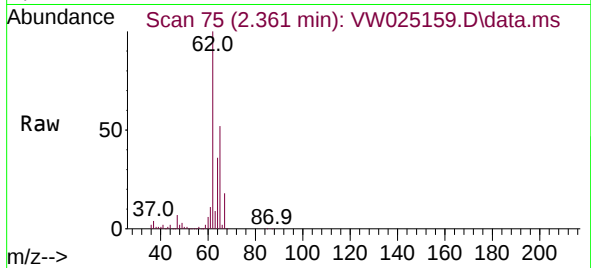




#5
 Vinyl chloride
 Concen: 28.993 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025159.D
 Acq: 22 Dec 2022 15:43

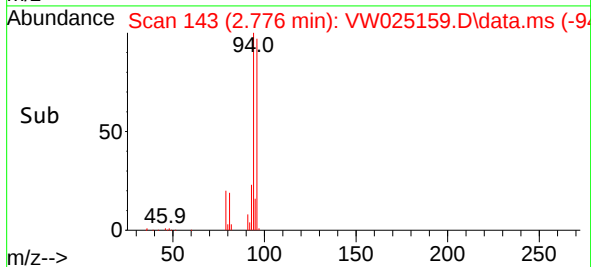
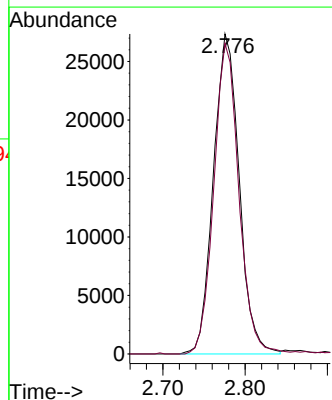
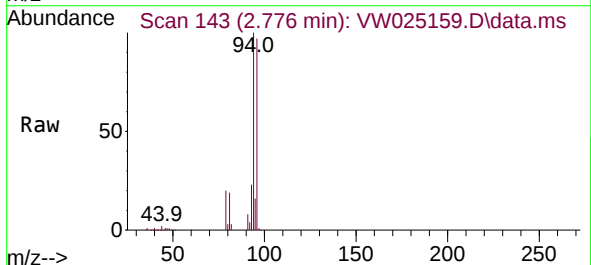
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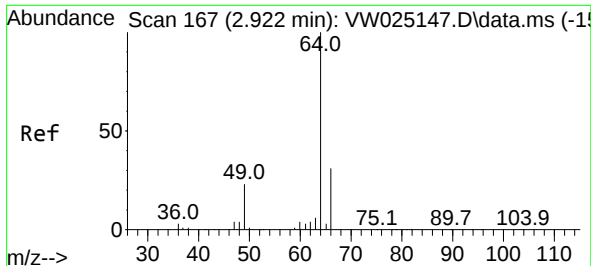
Tgt Ion: 62 Resp: 117731
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.8 46.1



#6
 Bromomethane
 Concen: 28.270 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW025159.D
 Acq: 22 Dec 2022 15:43

Tgt Ion: 94 Resp: 59483
 Ion Ratio Lower Upper
 94 100
 96 97.1 66.7 123.9





#8

Chloroethane

Concen: 29.486 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

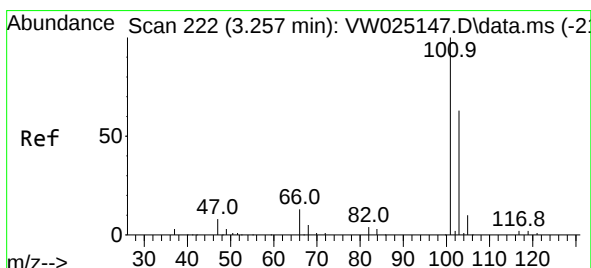
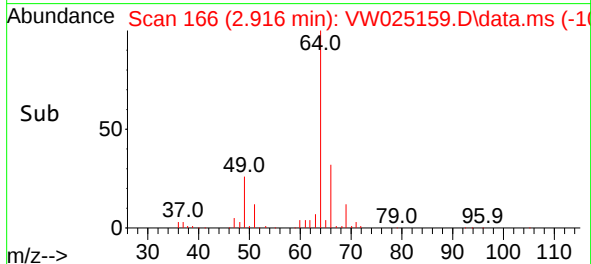
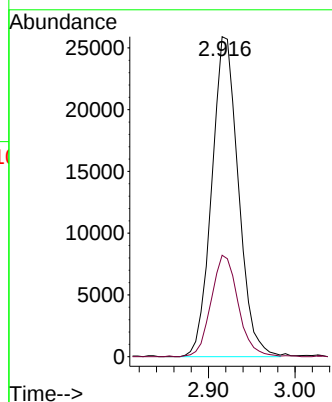
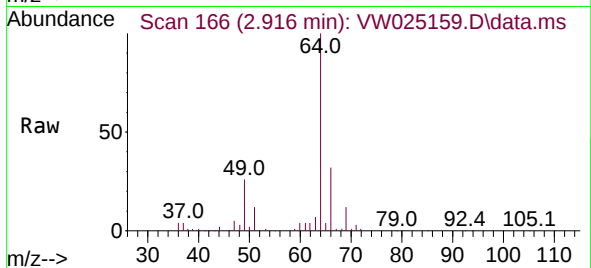
GBQC3MS

Tgt Ion: 64 Resp: 55380

Ion Ratio Lower Upper

64 100

66 31.7 22.7 42.1



#9

Trichlorofluoromethane

Concen: 27.645 ug/L

RT: 3.257 min Scan# 222

Delta R.T. -0.000 min

Lab File: VW025159.D

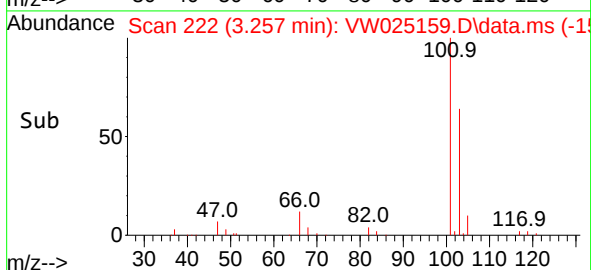
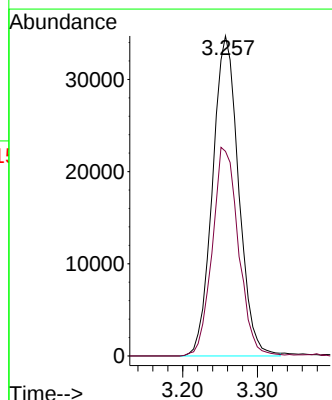
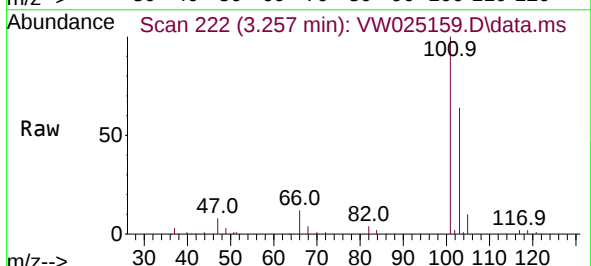
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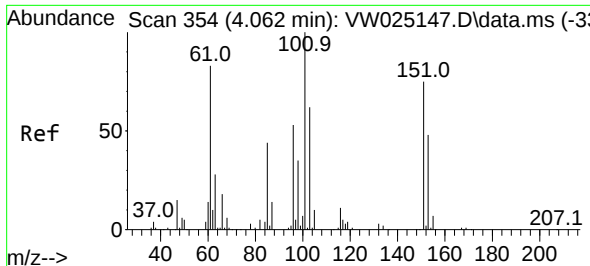
Tgt Ion:101 Resp: 84128

Ion Ratio Lower Upper

101 100

103 65.4 50.9 76.3

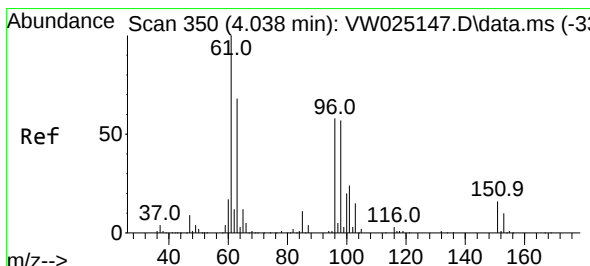
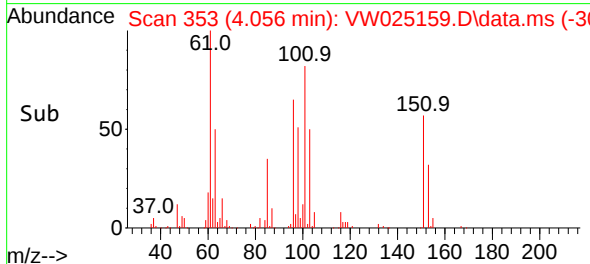
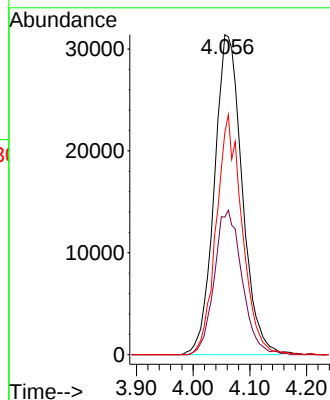
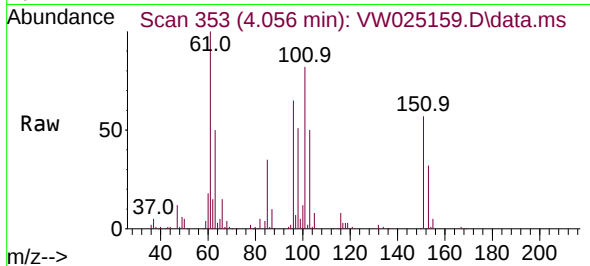




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.556 ug/L
RT: 4.056 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

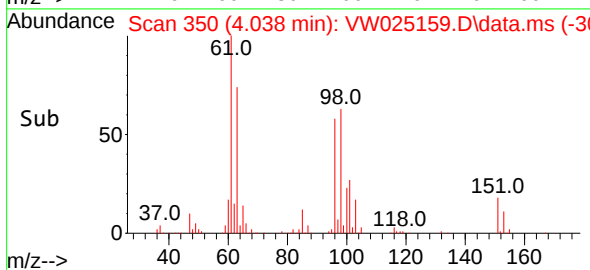
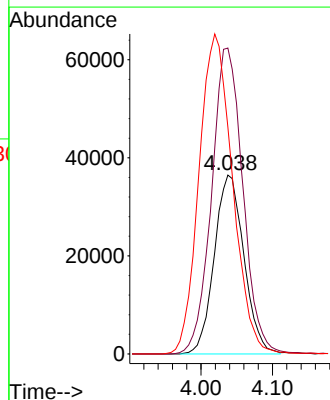
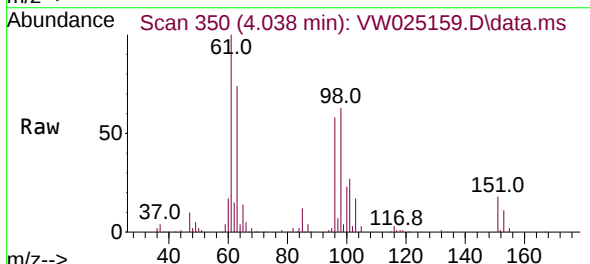
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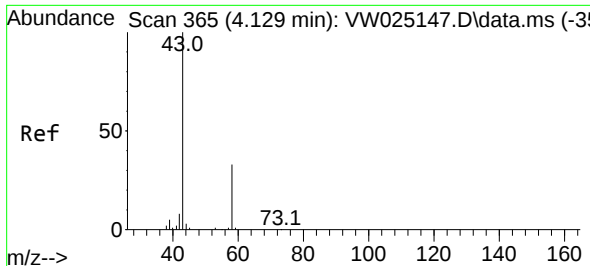
Tgt Ion:101 Resp: 106747
Ion Ratio Lower Upper
101 100
85 44.6 34.6 52.0
151 70.0 57.7 86.5



#12
1,1-Dichloroethene
Concen: 27.355 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 96 Resp: 104836
Ion Ratio Lower Upper
96 100
61 171.0 120.8 224.4
63 126.8 84.1 156.1

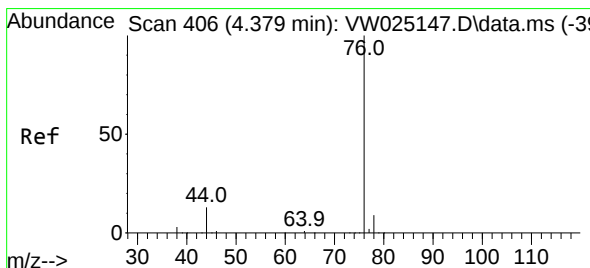
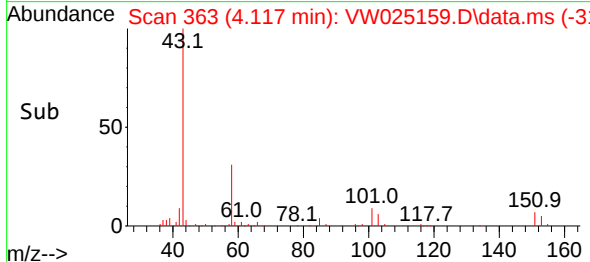
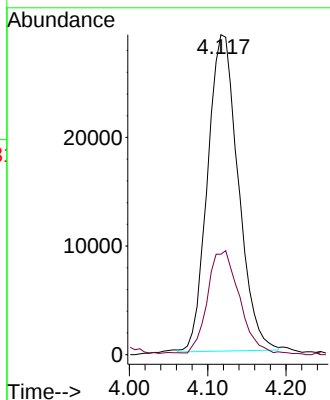
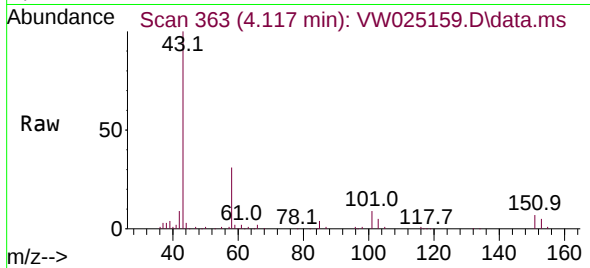




#13
Acetone
Concen: 87.690 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

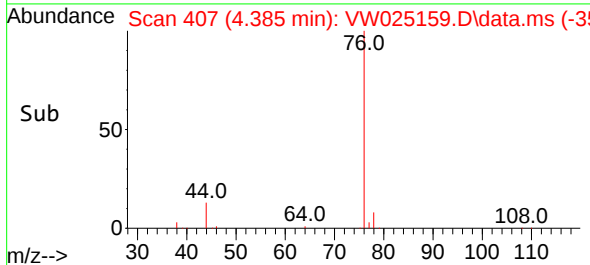
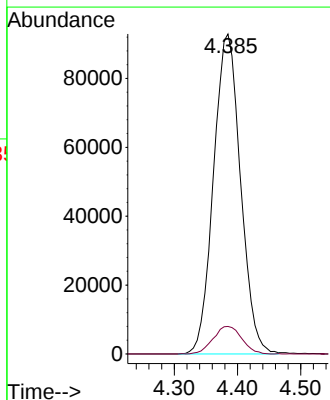
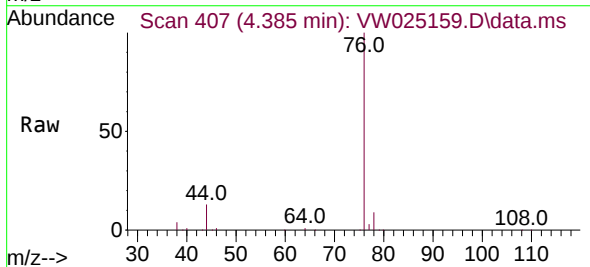
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

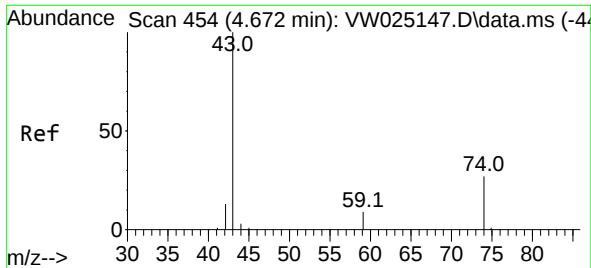
Tgt Ion: 43 Resp: 79351
Ion Ratio Lower Upper
43 100
58 34.4 0.0 65.2



#14
Carbon disulfide
Concen: 22.508 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 76 Resp: 275370
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

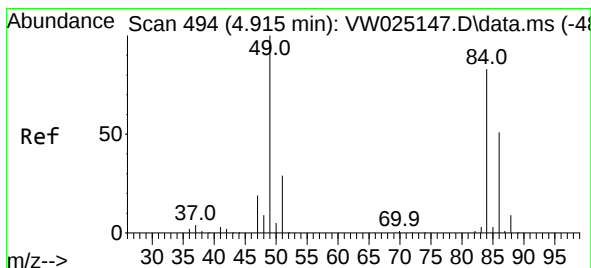
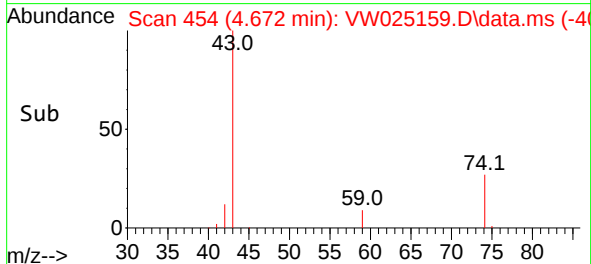
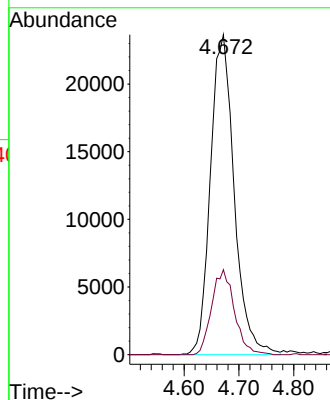
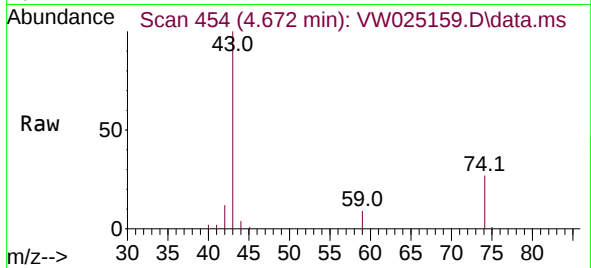




#15
Methyl Acetate
Concen: 48.219 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

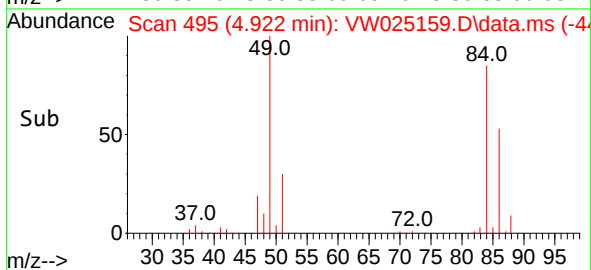
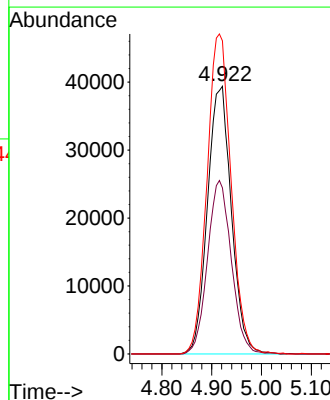
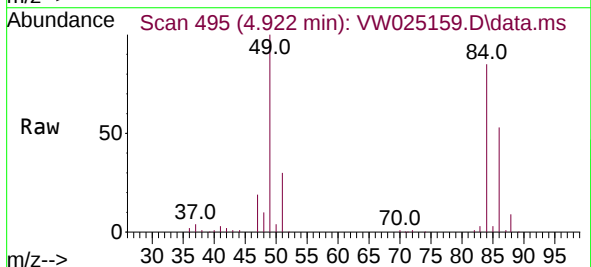
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

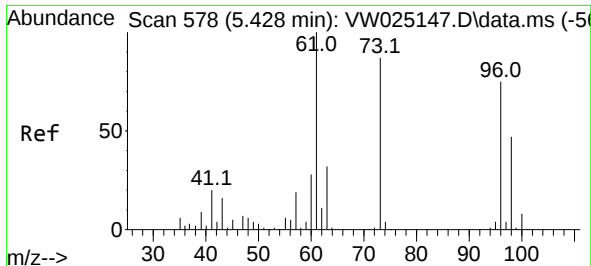
Tgt Ion: 43 Resp: 71219
Ion Ratio Lower Upper
43 100
74 25.4 19.5 29.3



#16
Methylene chloride
Concen: 27.639 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 84 Resp: 131402
Ion Ratio Lower Upper
84 100
86 62.0 45.0 83.6
49 117.0 86.3 160.3





#17

trans-1,2-Dichloroethene

Concen: 25.680 ug/L

RT: 5.421 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

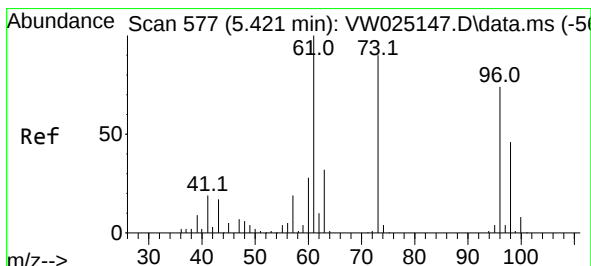
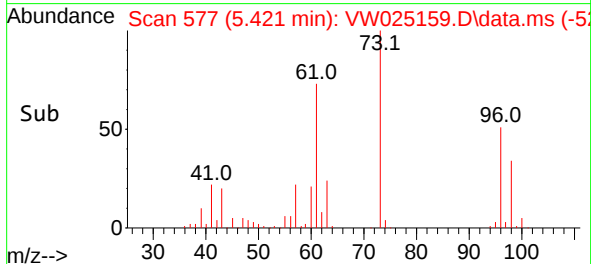
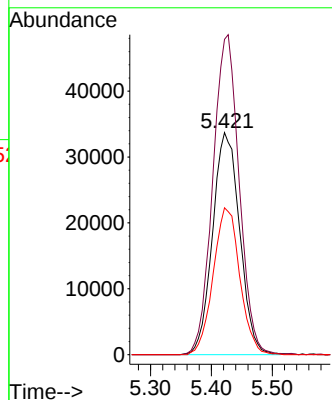
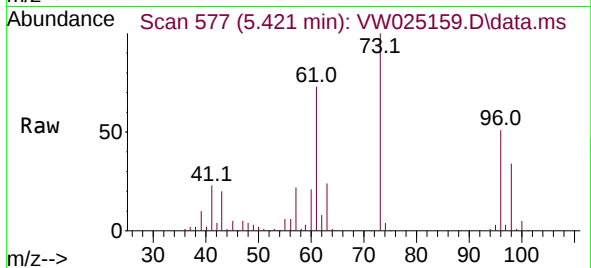
Tgt Ion: 96 Resp: 104331

Ion Ratio Lower Upper

96 100

61 142.0 95.5 177.3

98 66.1 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 37.651 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

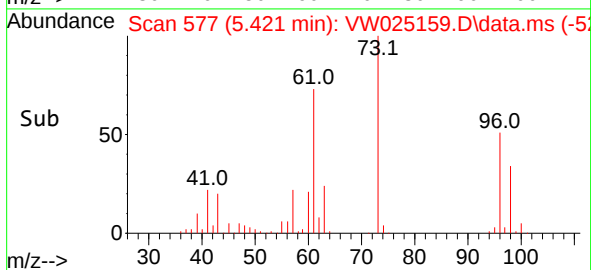
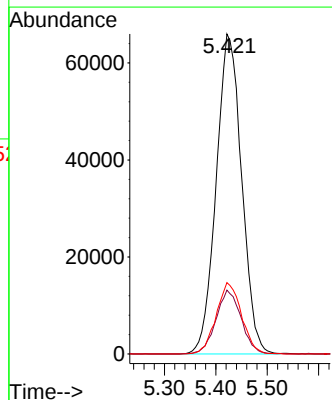
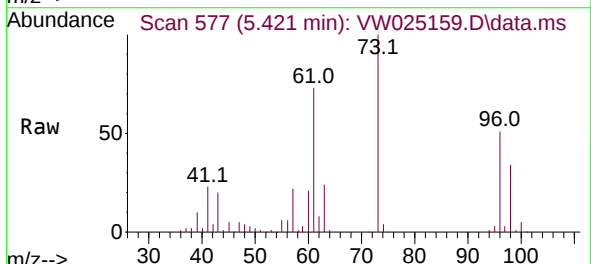
Tgt Ion: 73 Resp: 226969

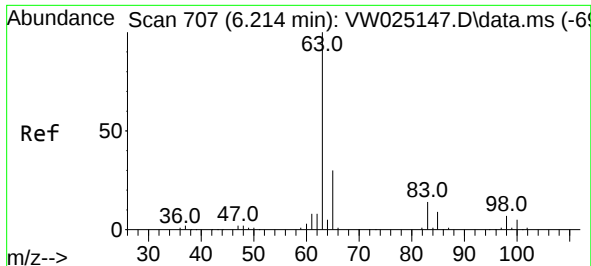
Ion Ratio Lower Upper

73 100

43 19.7 15.6 23.4

57 22.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 29.122 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

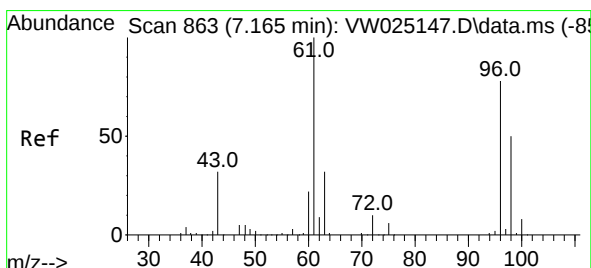
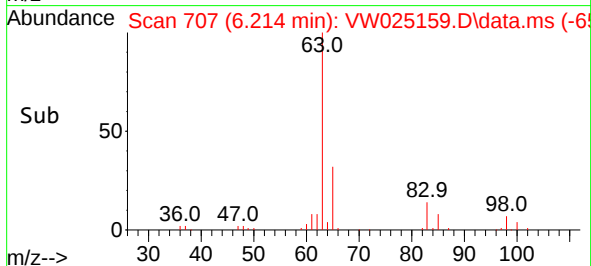
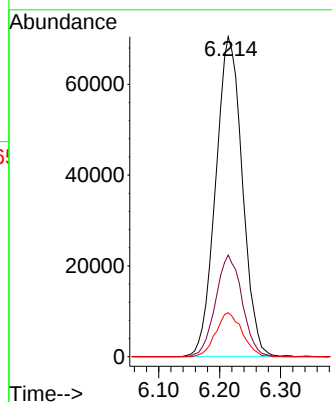
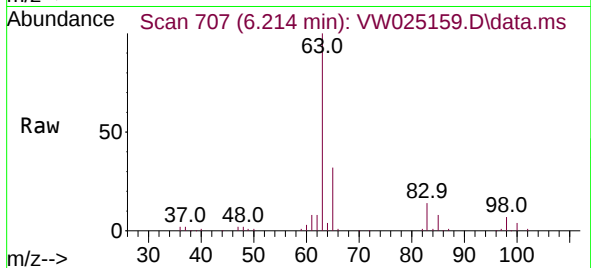
Tgt Ion: 63 Resp: 213780

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 13.7 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 28.462 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

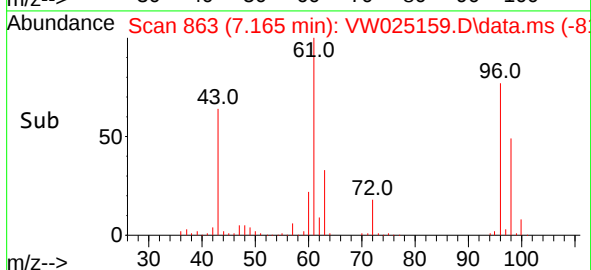
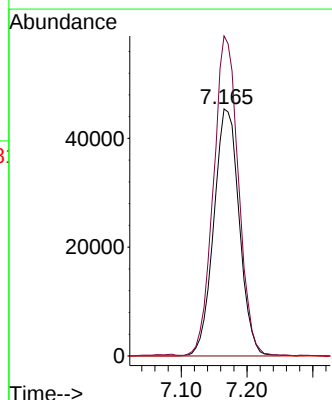
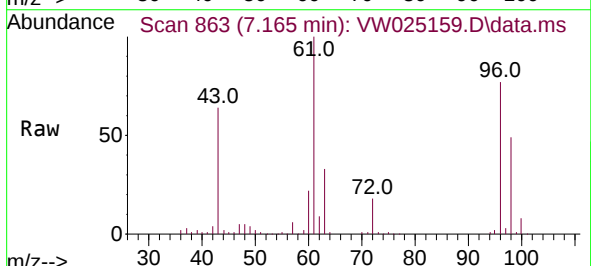
Tgt Ion: 96 Resp: 122269

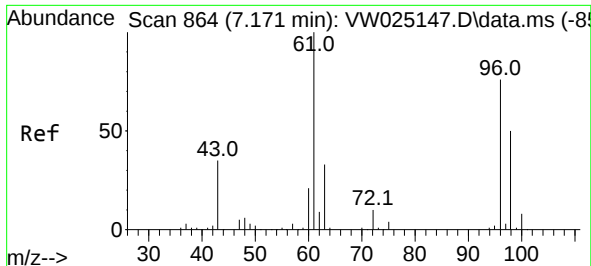
Ion Ratio Lower Upper

96 100

61 129.5 93.7 173.9

68 0.0 0.0 0.0

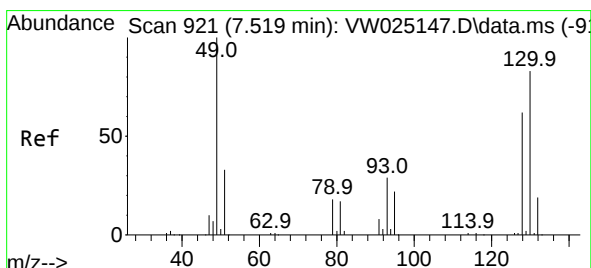
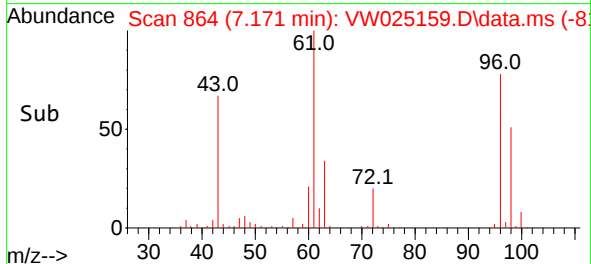
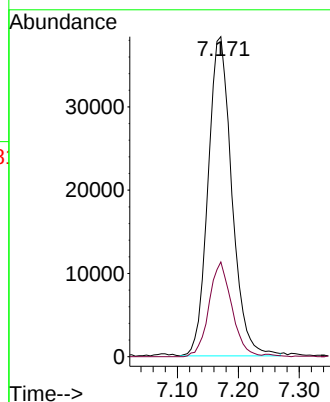
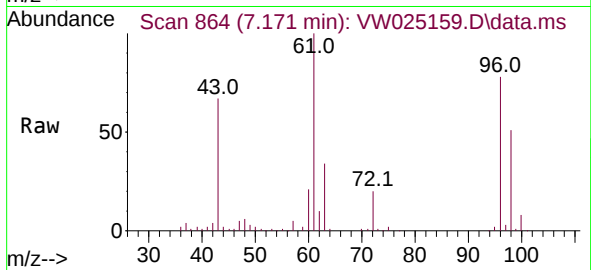




#22
2-Butanone
Concen: 91.369 ug/L
RT: 7.171 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

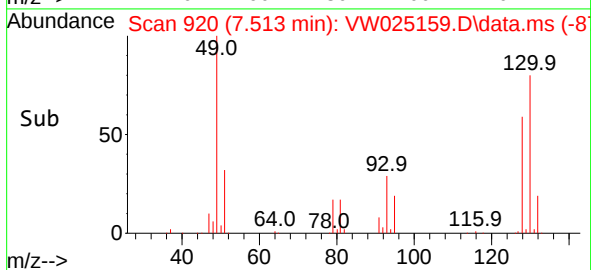
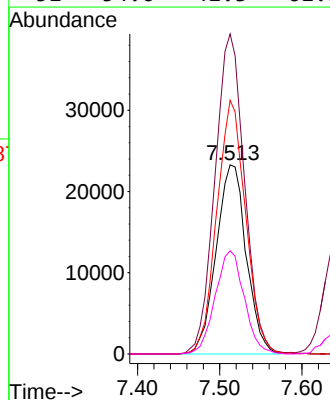
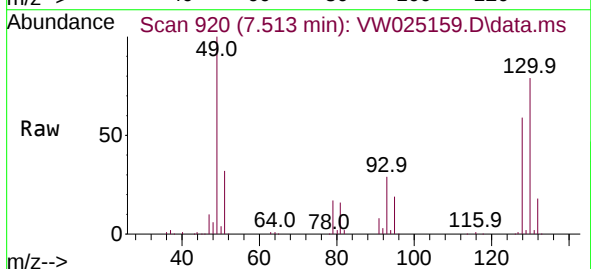
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

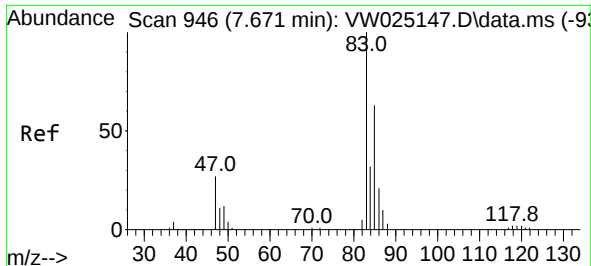
Tgt Ion: 43 Resp: 104018
Ion Ratio Lower Upper
43 100
72 28.4 15.0 45.0



#23
Bromochloromethane
Concen: 32.535 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 128 Resp: 59144
Ion Ratio Lower Upper
128 100
49 169.2 114.1 211.9
130 134.2 89.0 165.2
51 54.6 41.3 61.9

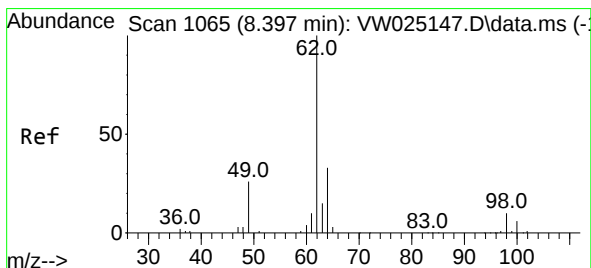
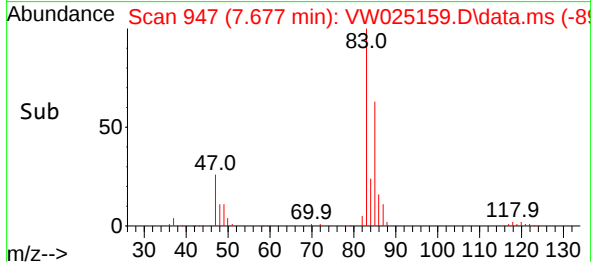
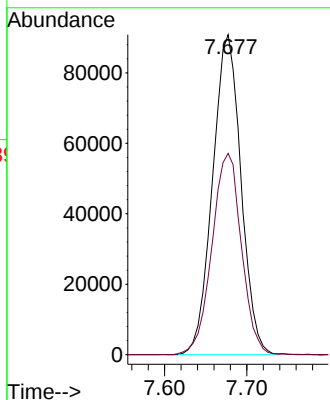
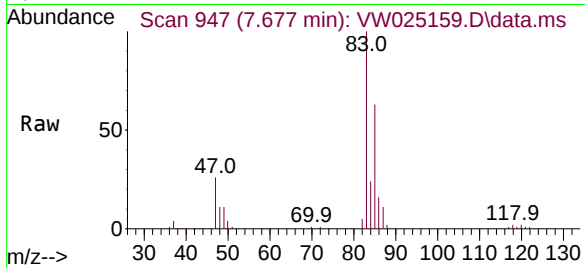




#25
Chloroform
Concen: 29.374 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

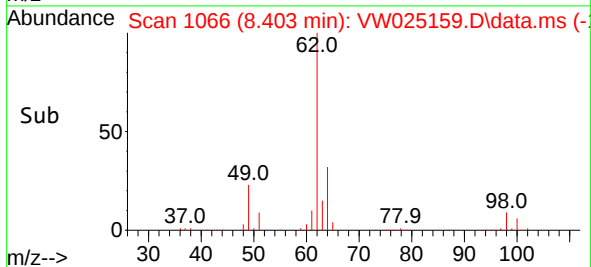
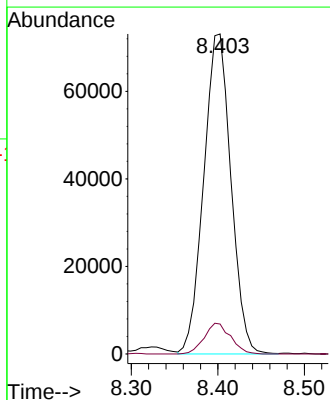
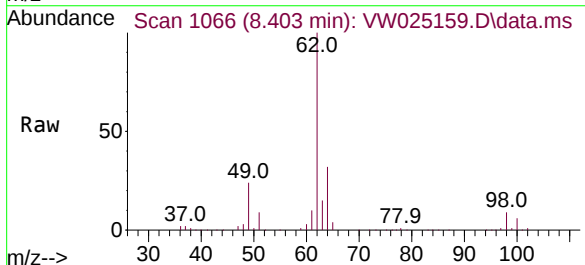
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

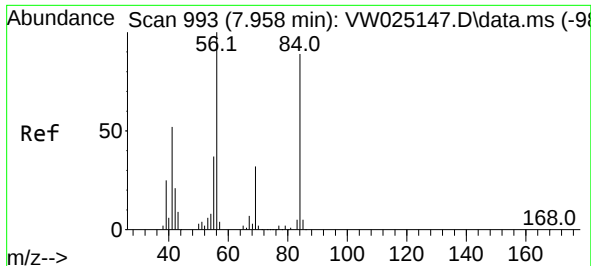
Tgt Ion: 83 Resp: 218211
Ion Ratio Lower Upper
83 100
85 62.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 34.166 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 62 Resp: 159800
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





#29

Cyclohexane

Concen: 30.792 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

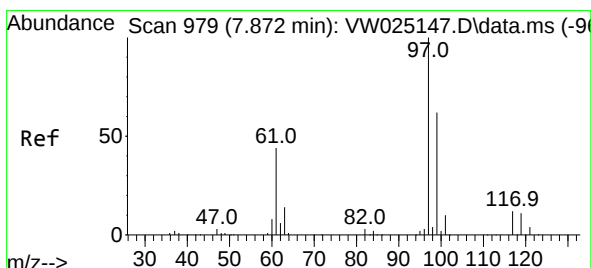
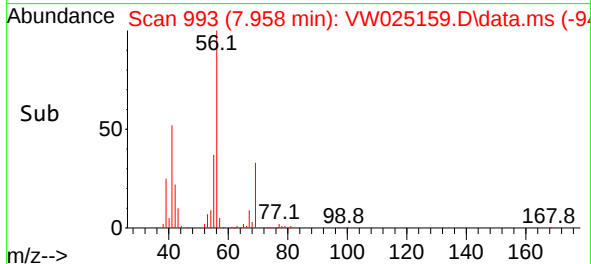
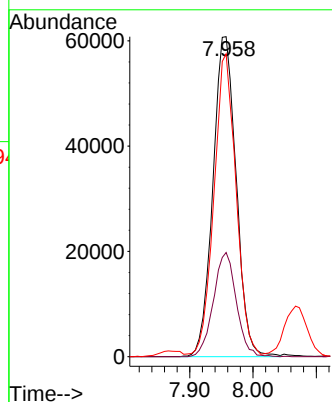
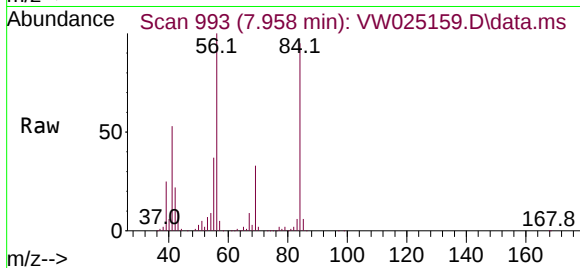
Tgt Ion: 56 Resp: 155212

Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.6

84 90.0 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 37.399 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

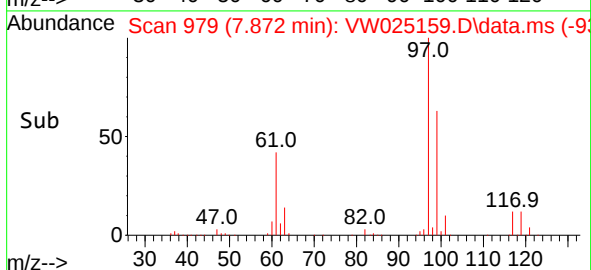
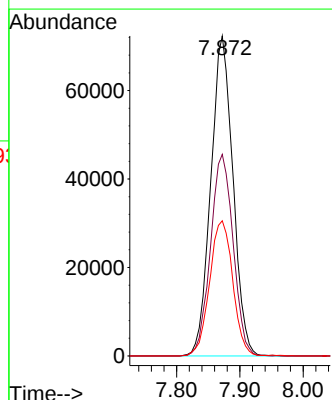
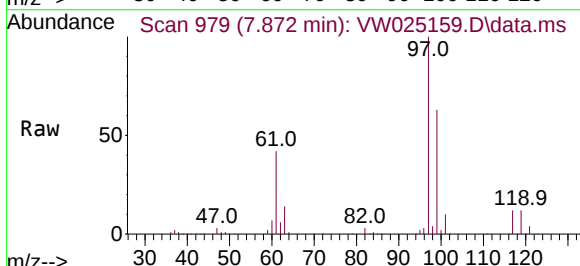
Tgt Ion: 97 Resp: 175739

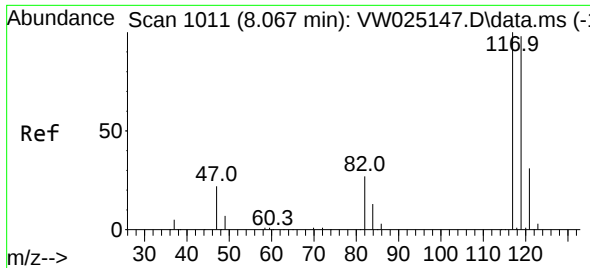
Ion Ratio Lower Upper

97 100

99 64.5 50.9 76.3

61 44.2 35.5 53.3

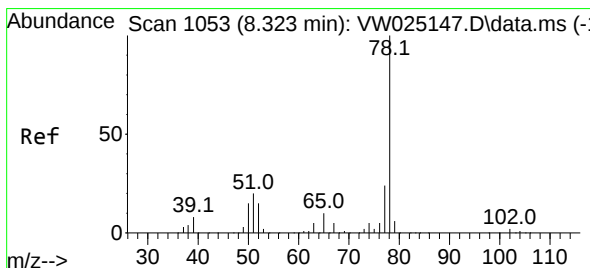
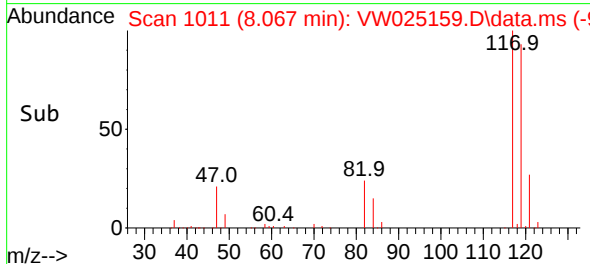
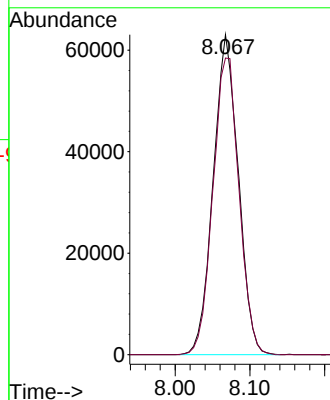
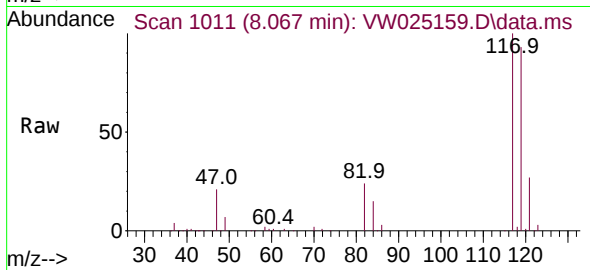




#31
Carbon tetrachloride
Concen: 34.111 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

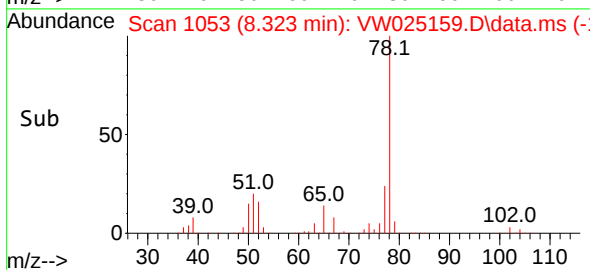
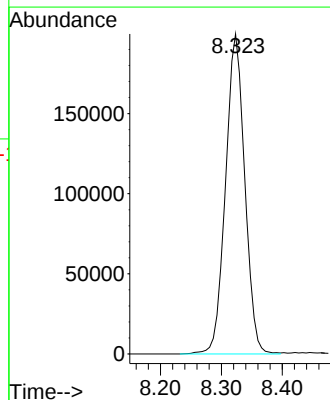
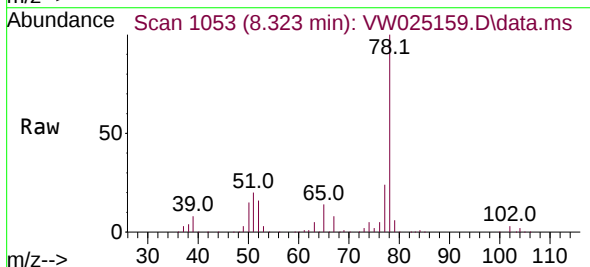
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

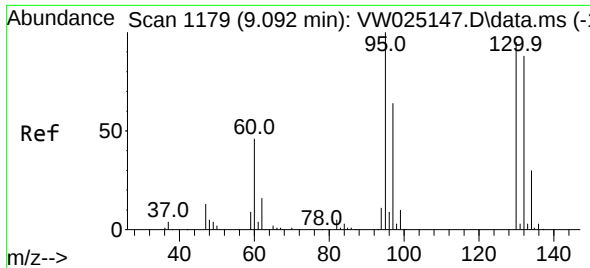
Tgt Ion:117 Resp: 147383
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.4



#33
Benzene
Concen: 35.402 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 78 Resp: 436553

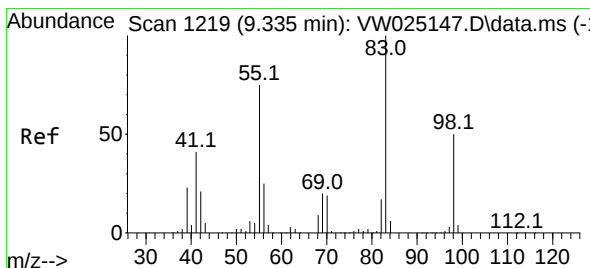
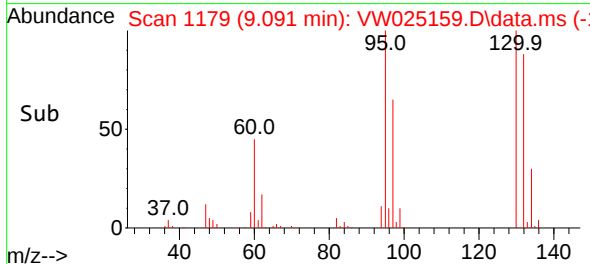
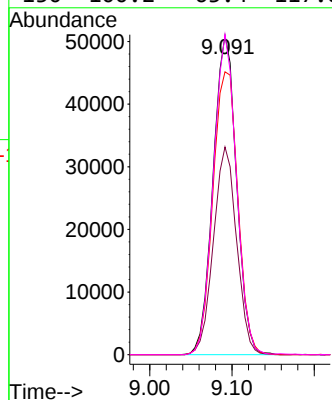
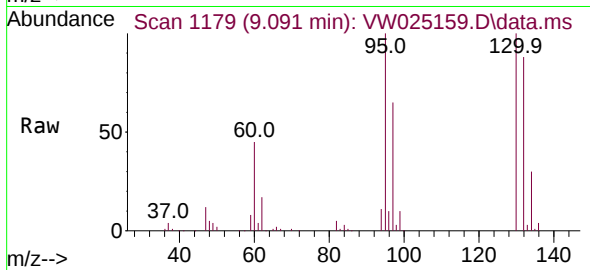




#34
Trichloroethene
Concen: 31.125 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

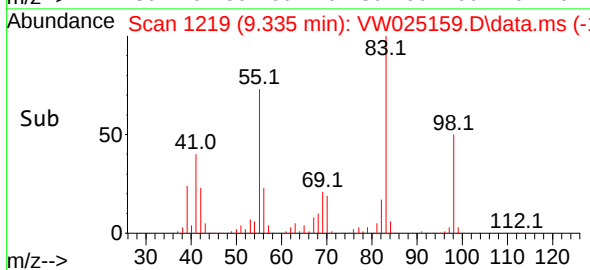
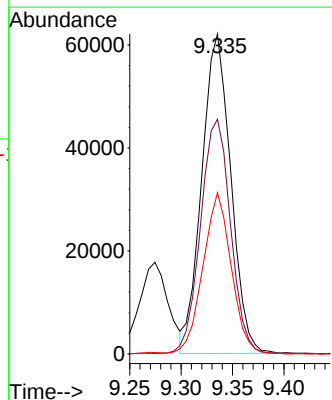
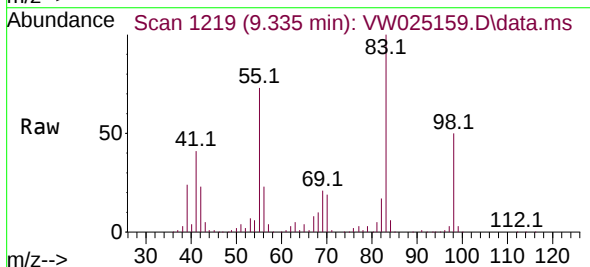
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

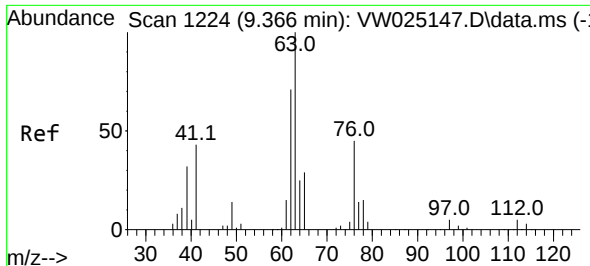
Tgt Ion: 95 Resp: 100537
Ion Ratio Lower Upper
95 100
97 65.1 44.3 82.3
132 88.6 63.0 117.0
130 100.2 63.4 117.8



#35
Methylcyclohexane
Concen: 21.270 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 83 Resp: 121867
Ion Ratio Lower Upper
83 100
55 76.0 59.3 88.9
98 49.3 38.6 57.8





#37

1,2-Dichloropropane

Concen: 39.312 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

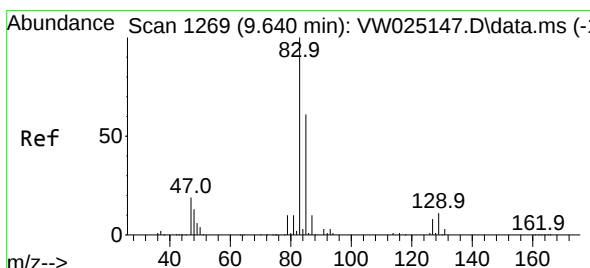
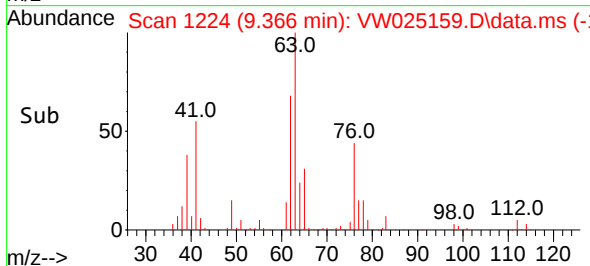
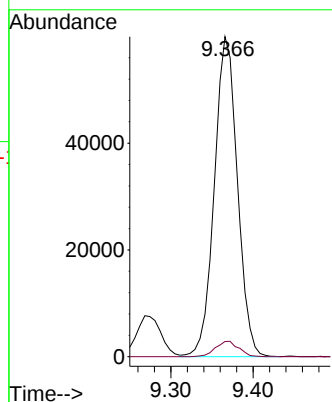
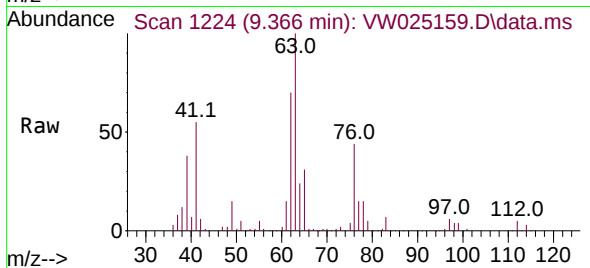
GBQC3MS

Tgt Ion: 63 Resp: 116922

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.2



#38

Bromodichloromethane

Concen: 40.030 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

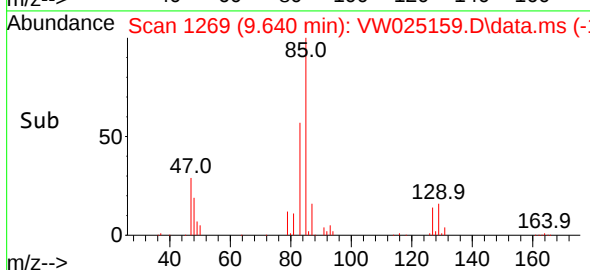
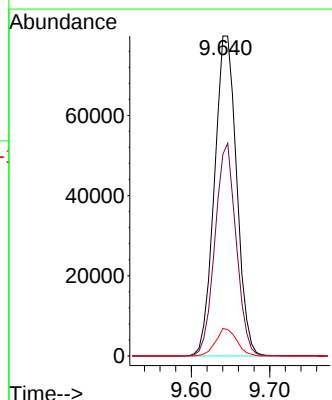
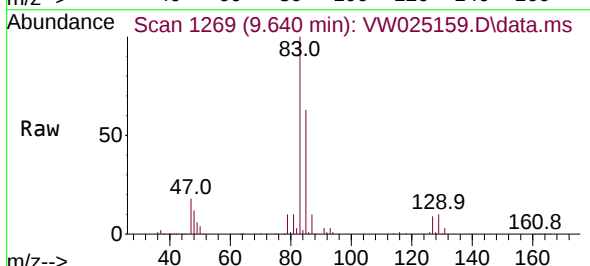
Tgt Ion: 83 Resp: 157285

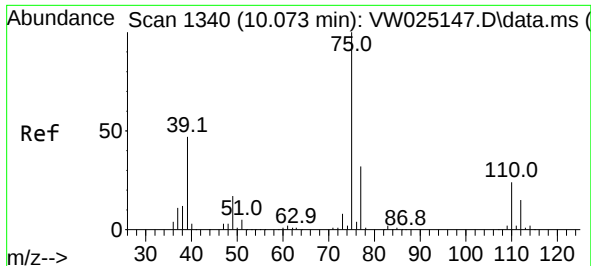
Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.2

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 37.581 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

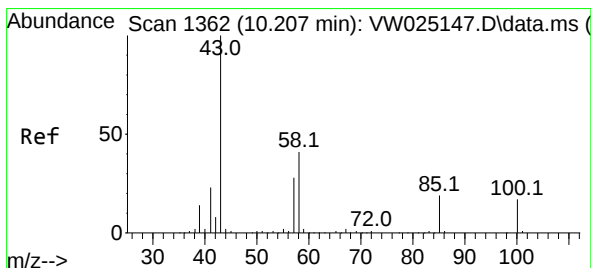
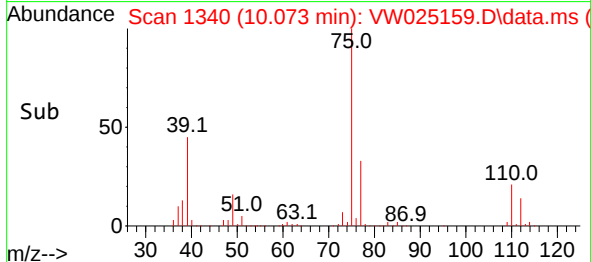
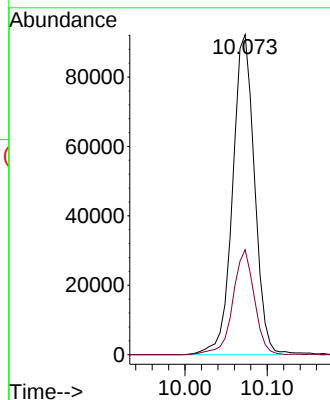
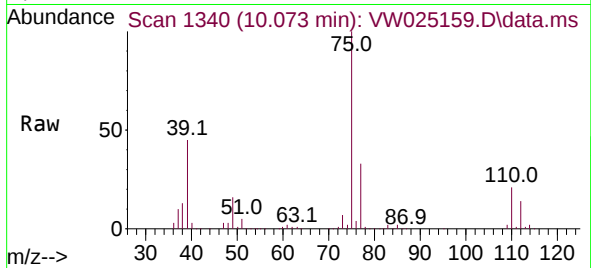
GBQC3MS

Tgt Ion: 75 Resp: 170787

Ion Ratio Lower Upper

75 100

77 32.8 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 144.248 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

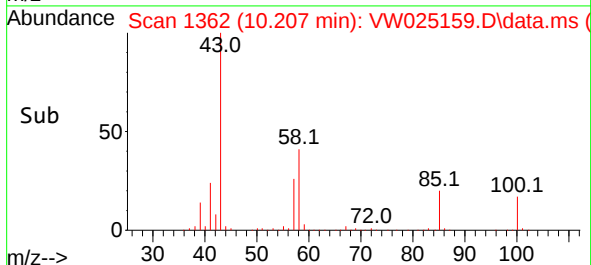
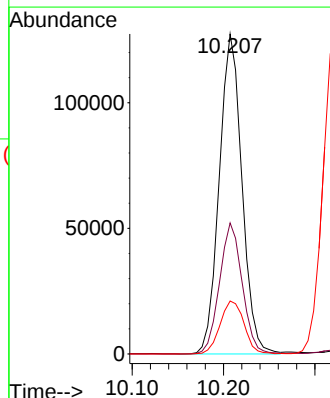
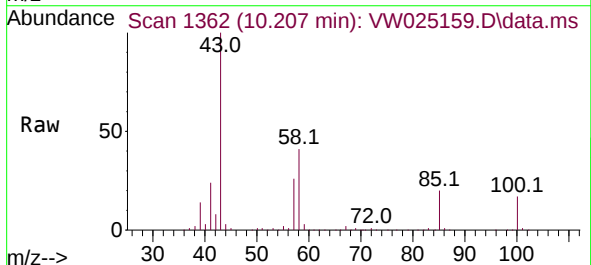
Tgt Ion: 43 Resp: 219928

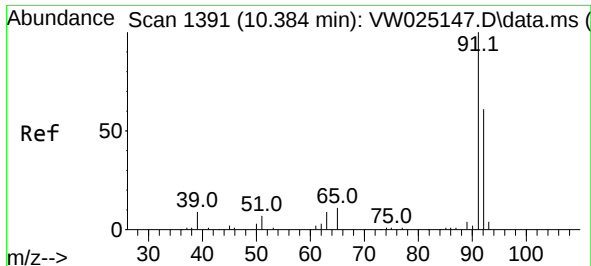
Ion Ratio Lower Upper

43 100

58 41.0 33.3 49.9

100 17.5 13.8 20.6

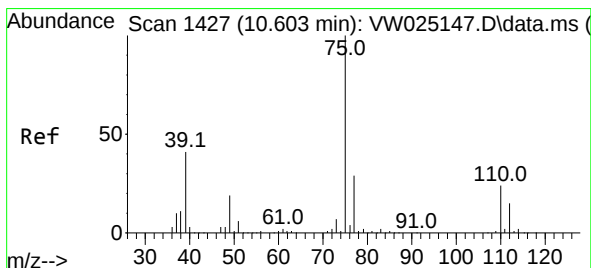
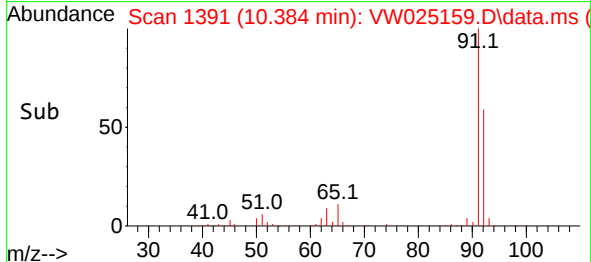
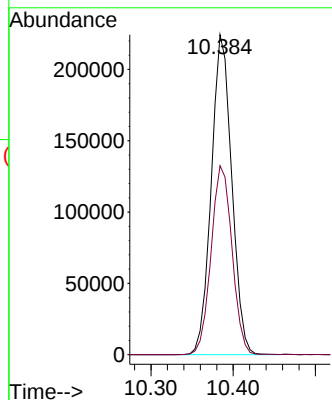
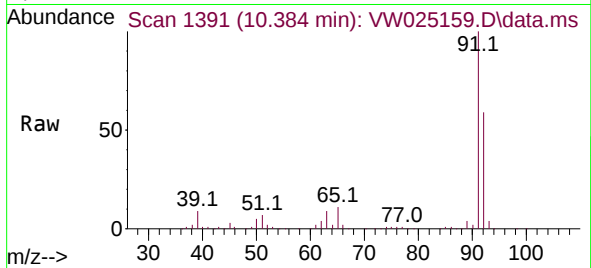




#42
Toluene
Concen: 30.050 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

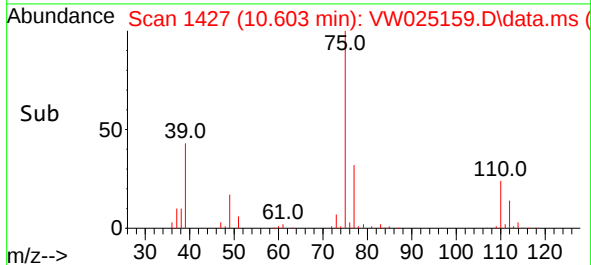
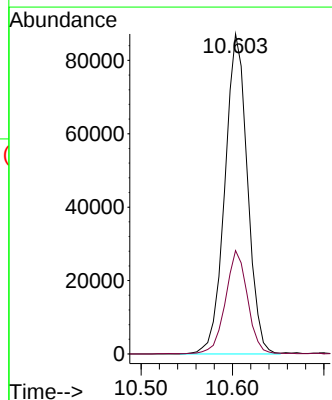
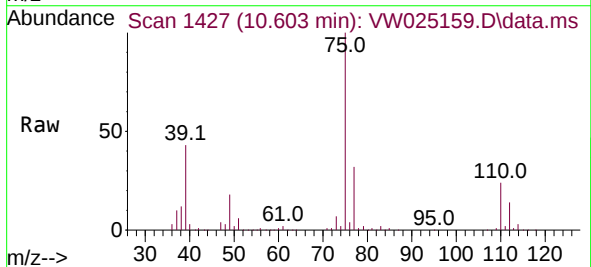
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

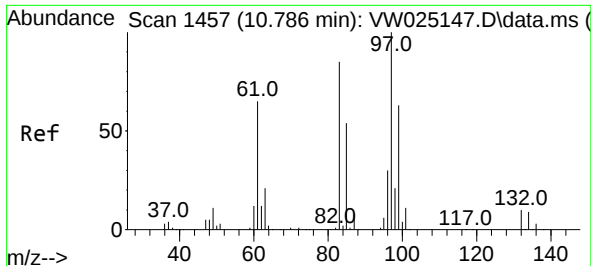
Tgt Ion: 91 Resp: 388256
Ion Ratio Lower Upper
91 100
92 59.0 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 38.451 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 75 Resp: 149646
Ion Ratio Lower Upper
75 100
77 32.3 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 47.311 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

Tgt Ion: 97 Resp: 100417

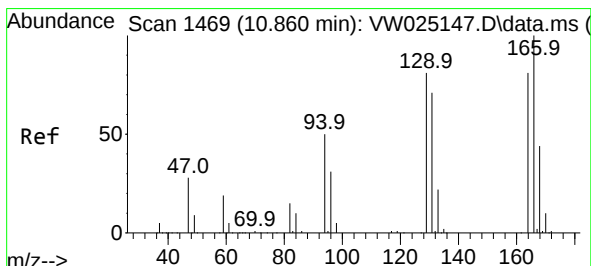
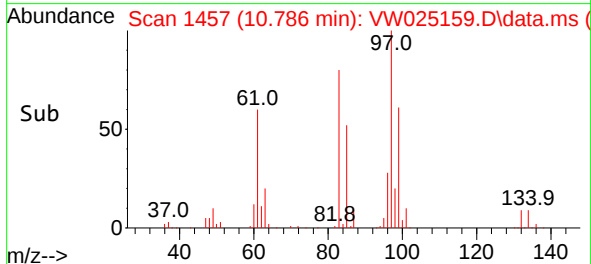
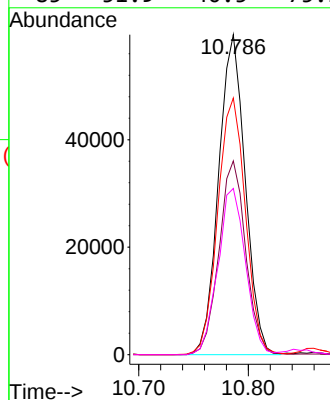
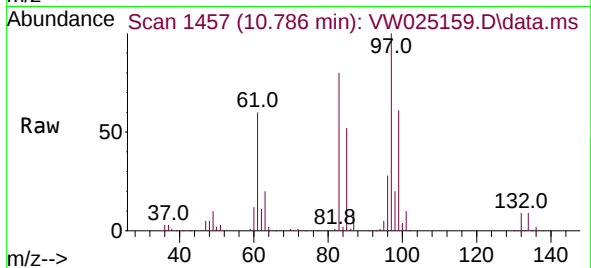
Ion Ratio Lower Upper

97 100

99 60.6 44.3 82.3

83 80.2 61.3 113.9

85 51.9 40.5 75.1



#46

Tetrachloroethene

Concen: 27.030 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Tgt Ion:164 Resp: 63559

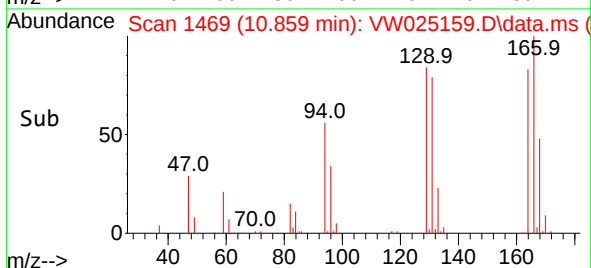
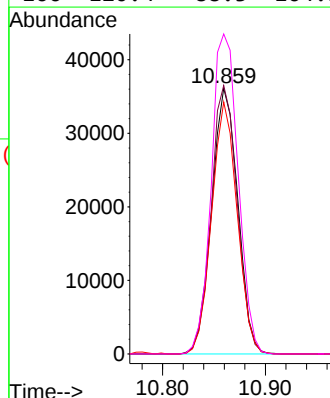
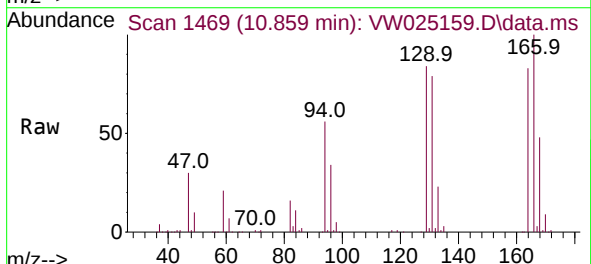
Ion Ratio Lower Upper

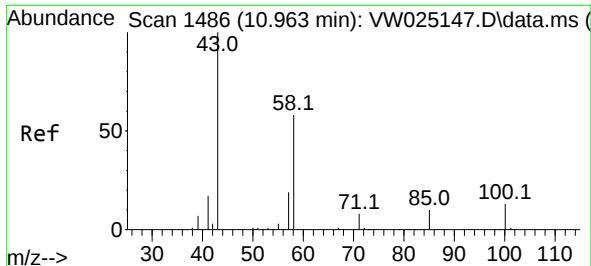
164 100

129 101.0 73.4 136.4

131 94.8 70.8 131.4

166 120.4 88.3 164.1

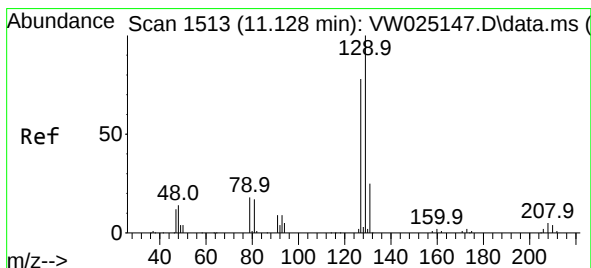
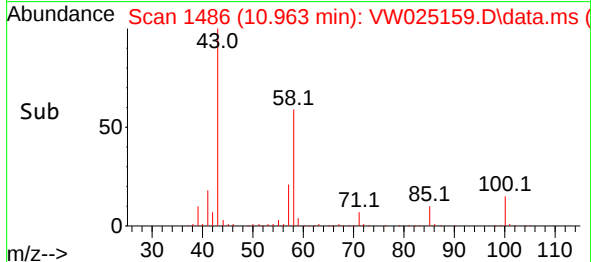
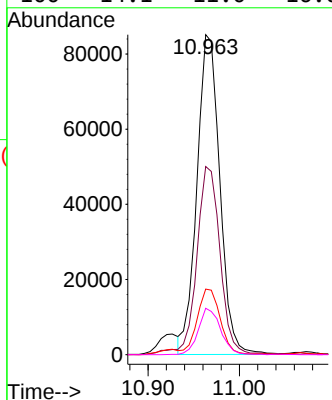
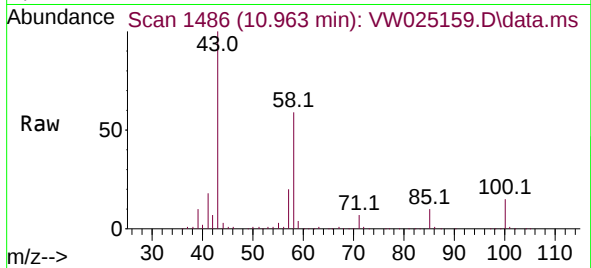




#48
2-Hexanone
Concen: 133.249 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

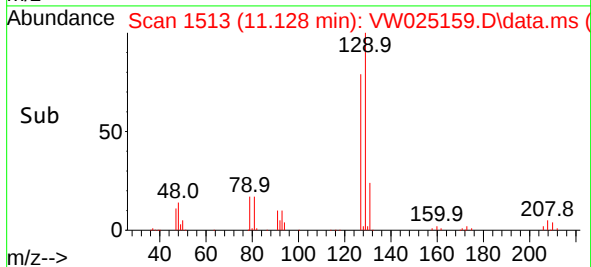
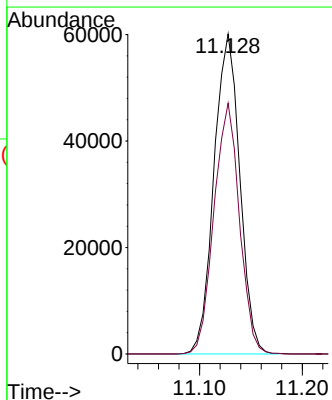
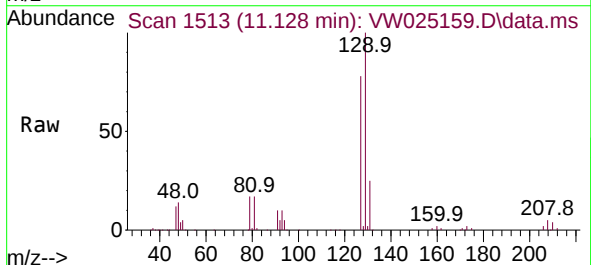
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

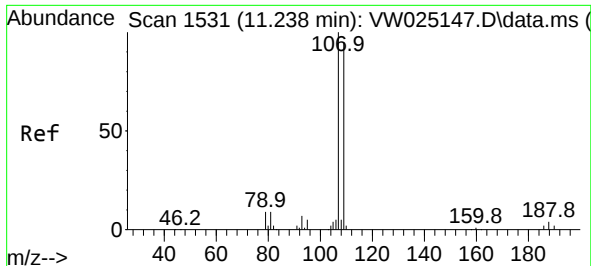
Tgt Ion:	43	Resp:	148392
Ion	Ratio	Lower	Upper
43	100		
58	59.9	46.6	69.8
57	20.3	16.7	25.1
100	14.1	11.0	16.6



#49
Dibromochloromethane
Concen: 41.125 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion:	129	Resp:	104831
Ion	Ratio	Lower	Upper
129	100		
127	78.4	49.7	92.3





#50

1,2-Dibromoethane

Concen: 46.296 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

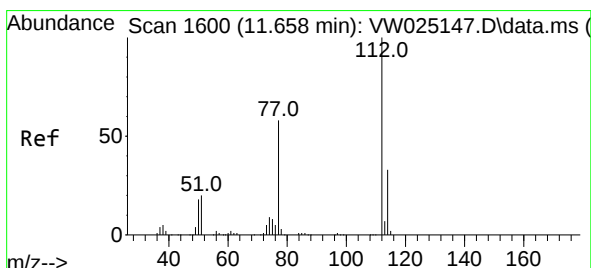
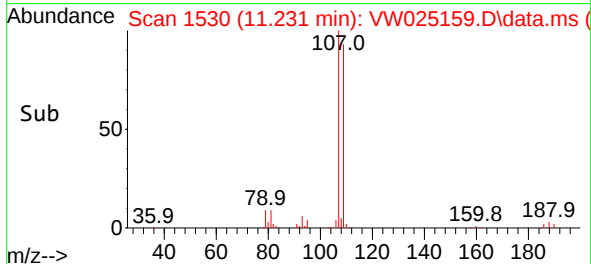
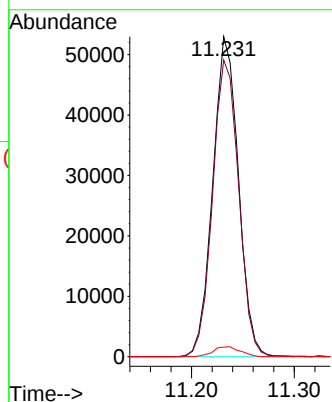
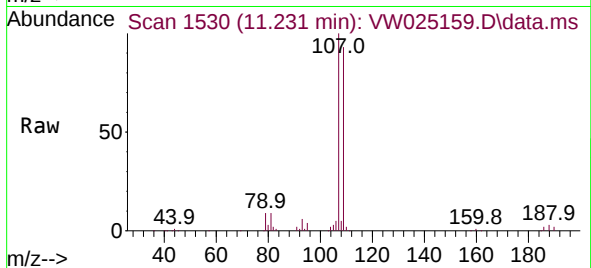
Tgt Ion:107 Resp: 91486

Ion Ratio Lower Upper

107 100

109 92.7 66.8 124.2

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 23.239 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

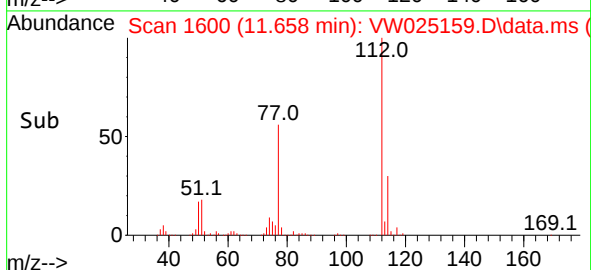
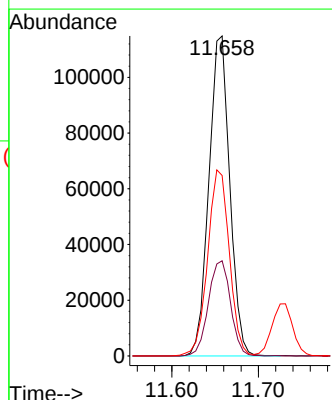
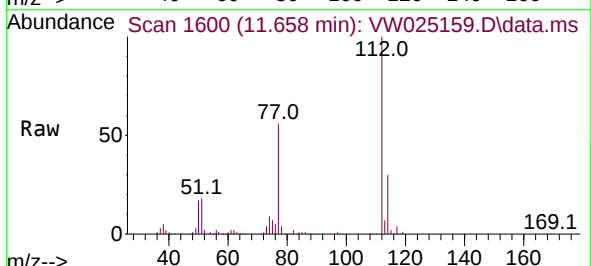
Tgt Ion:112 Resp: 192155

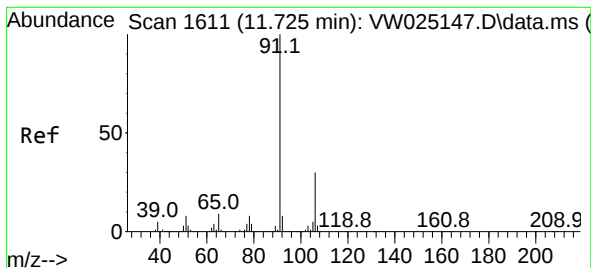
Ion Ratio Lower Upper

112 100

114 29.7 23.2 43.2

77 56.4 47.2 70.8

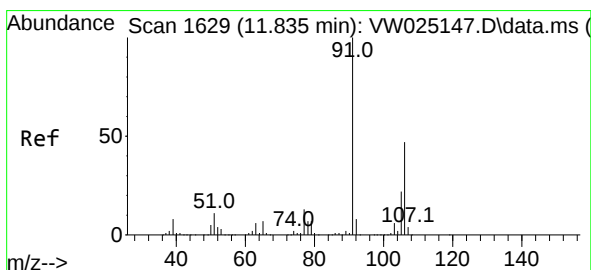
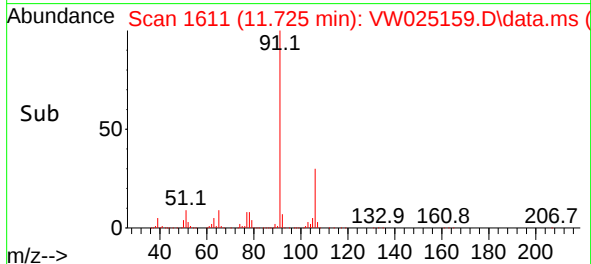
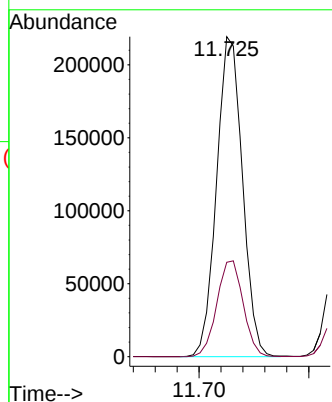
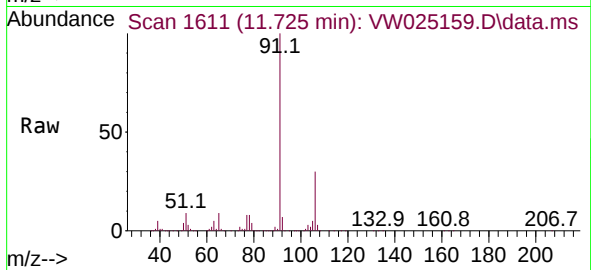




#52
Ethylbenzene
Concen: 24.534 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

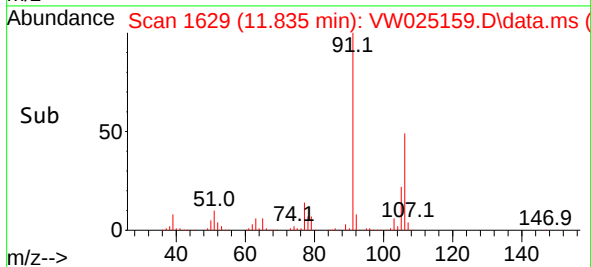
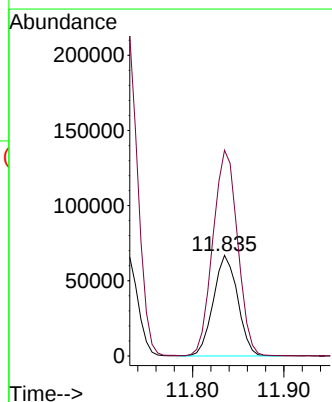
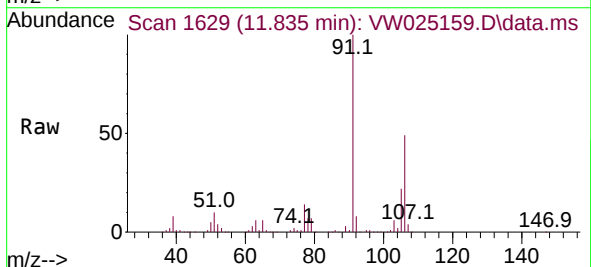
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

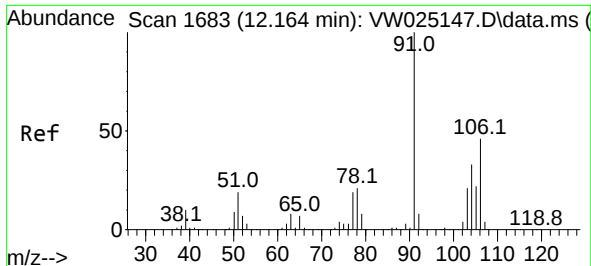
Tgt Ion: 91 Resp: 359219
Ion Ratio Lower Upper
91 100
106 29.5 21.9 40.7



#53
m,p-Xylene
Concen: 22.163 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion:106 Resp: 123924
Ion Ratio Lower Upper
106 100
91 204.6 139.7 259.4

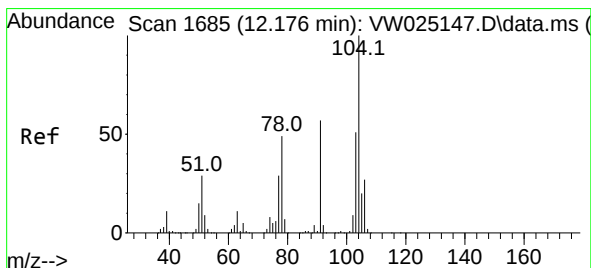
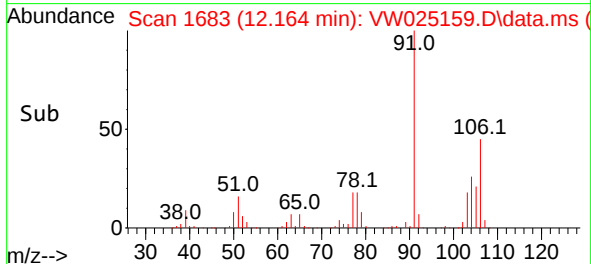
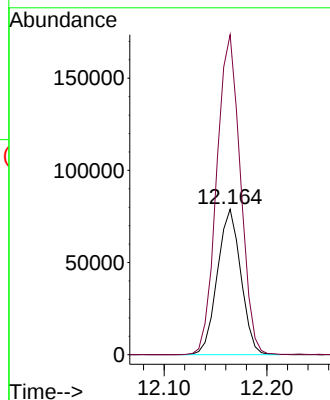
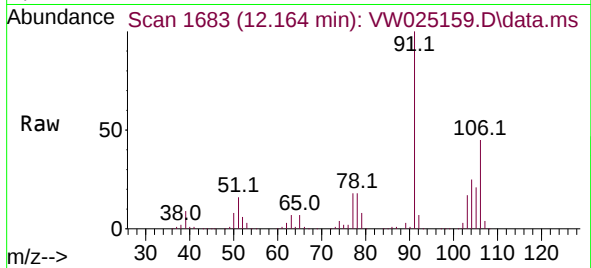




#54
o-Xylene
Concen: 23.468 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

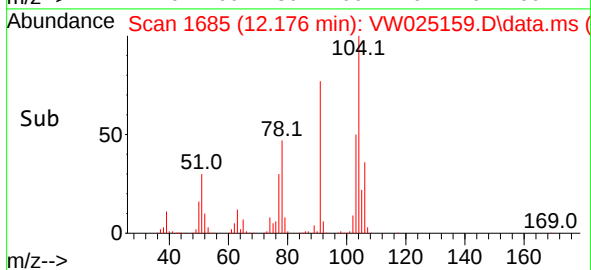
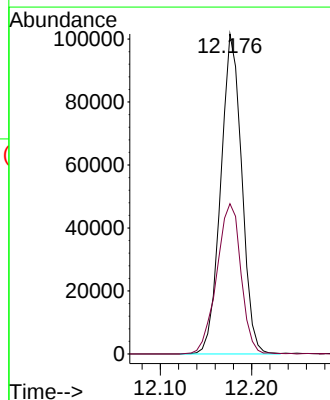
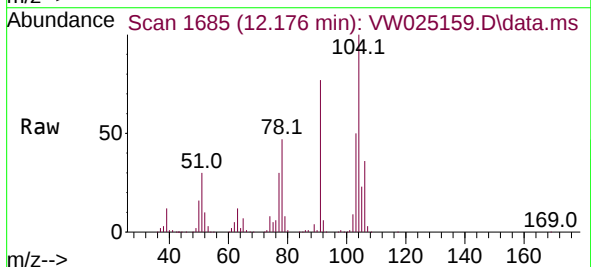
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

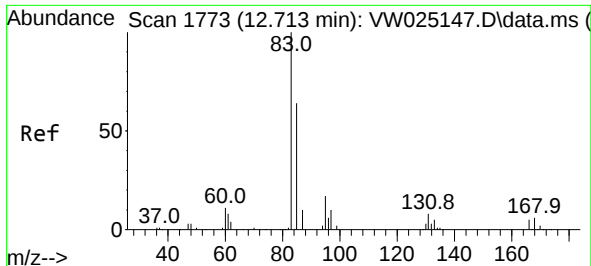
Tgt Ion:106 Resp: 125062
Ion Ratio Lower Upper
106 100
91 220.1 148.8 276.4



#55
Styrene
Concen: 18.014 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion:104 Resp: 162567
Ion Ratio Lower Upper
104 100
78 47.0 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 48.791 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

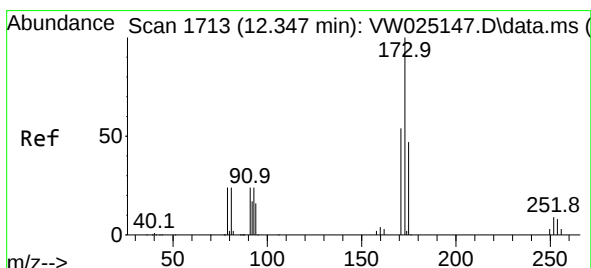
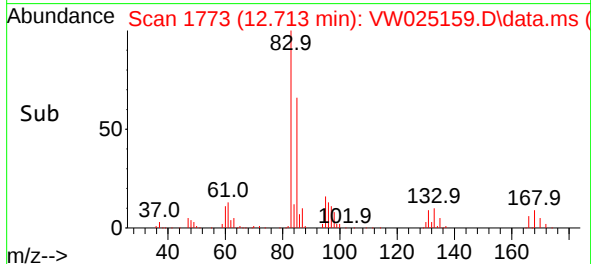
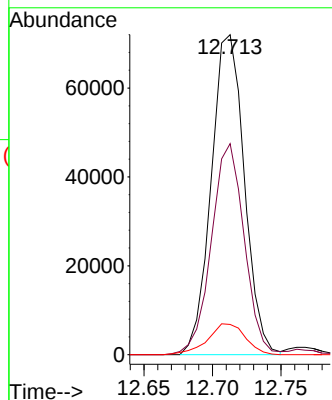
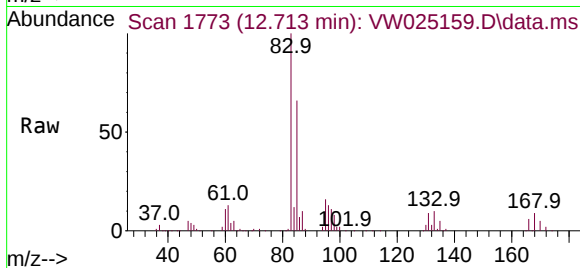
Tgt Ion: 83 Resp: 121109

Ion Ratio Lower Upper

83 100

85 65.9 46.8 87.0

131 9.5 8.2 12.2



#59

Bromoform

Concen: 83.843 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

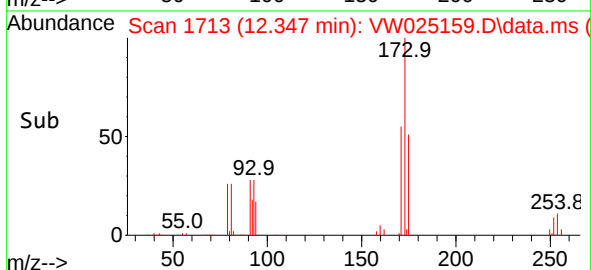
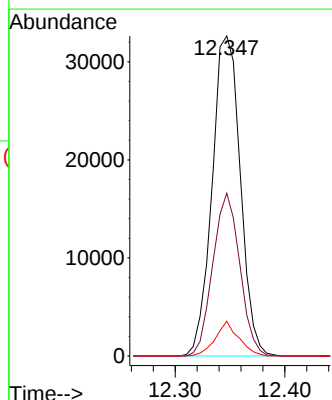
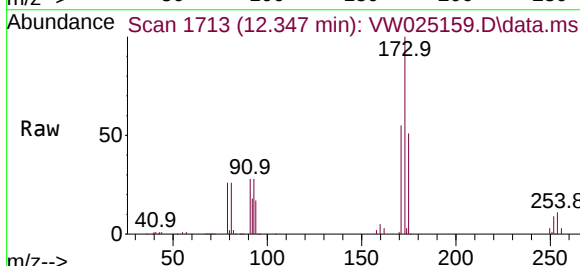
Tgt Ion:173 Resp: 58434

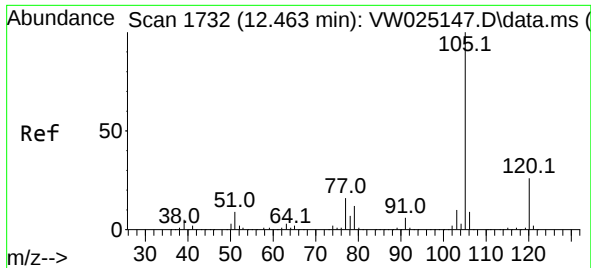
Ion Ratio Lower Upper

173 100

175 48.6 37.4 56.0

254 9.0 6.8 10.2

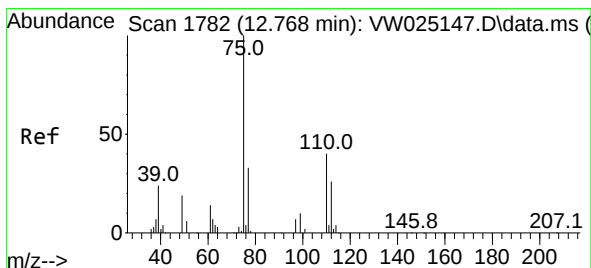
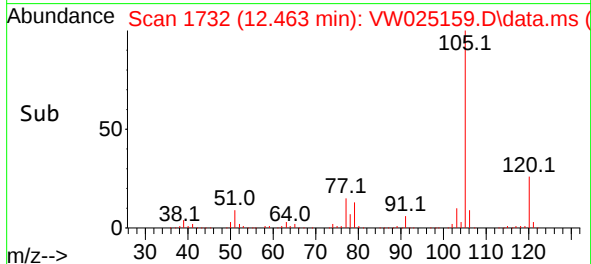
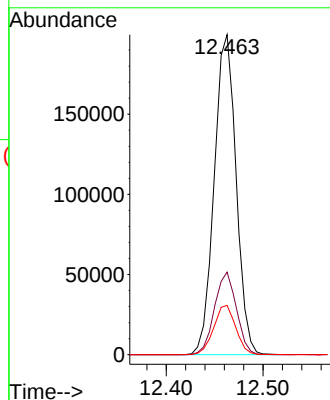
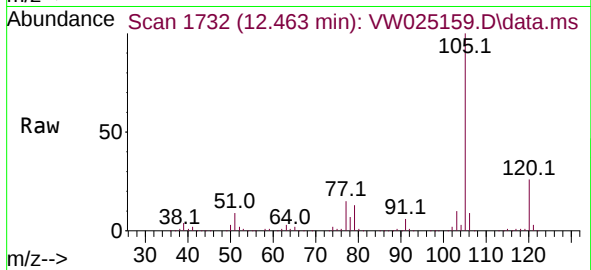




#60
Isopropylbenzene
Concen: 40.325 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

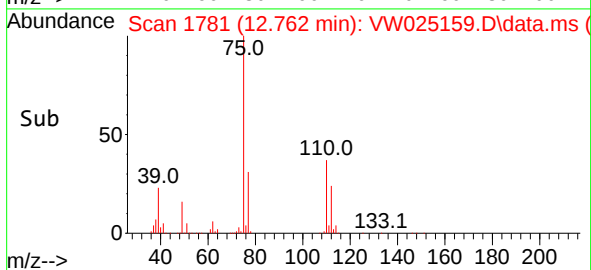
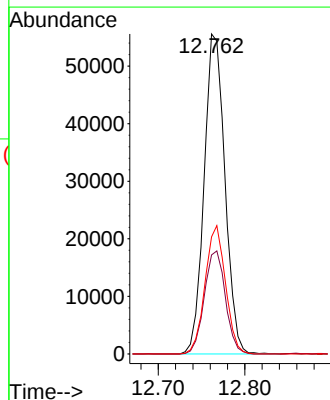
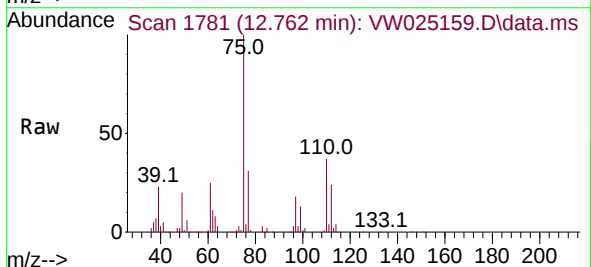
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

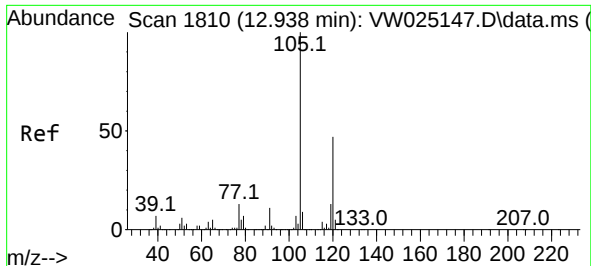
Tgt Ion:105 Resp: 313705
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 95.303 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion: 75 Resp: 92969
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0
110 39.2 31.7 47.5

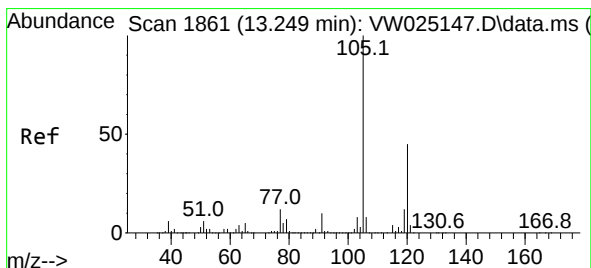
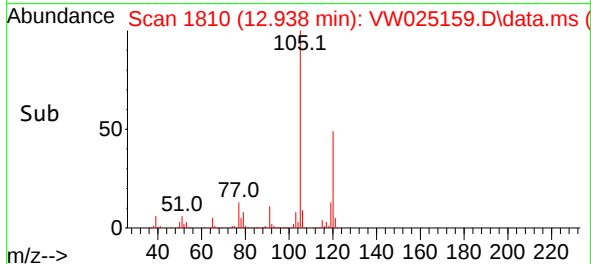
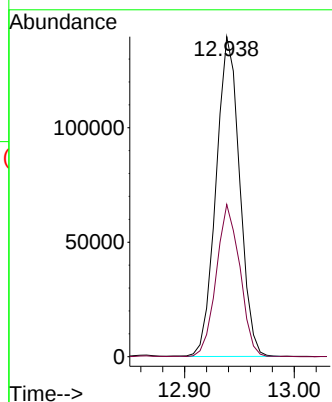
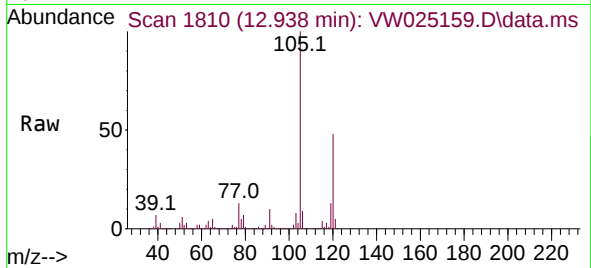




#62
 1,3,5-Trimethylbenzene
 Concen: 31.350 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW025159.D
 Acq: 22 Dec 2022 15:43

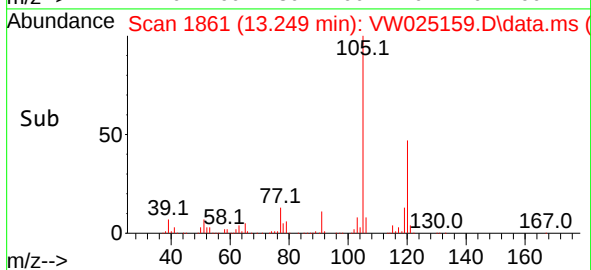
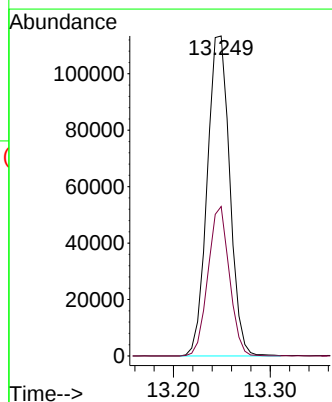
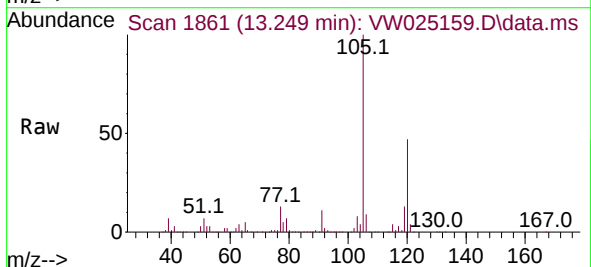
Instrument :
 MSVOA_W
 ClientSampleId :
 GBQC3MS

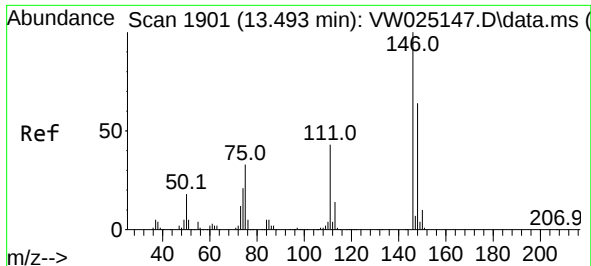
Tgt Ion:105 Resp: 208906
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 28.405 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW025159.D
 Acq: 22 Dec 2022 15:43

Tgt Ion:105 Resp: 183886
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.1 54.1

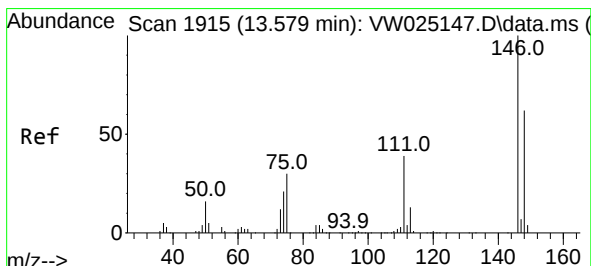
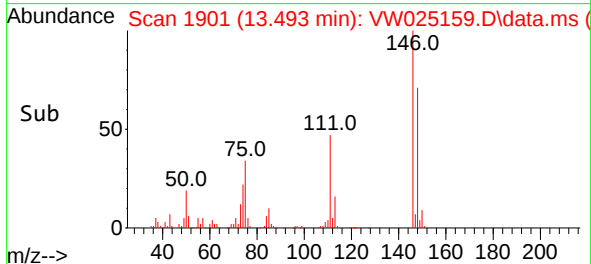
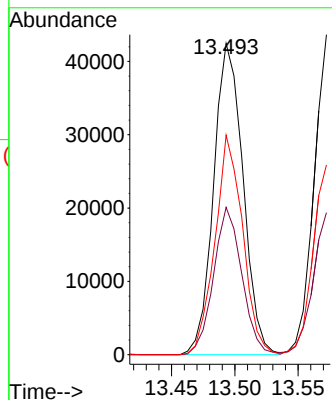
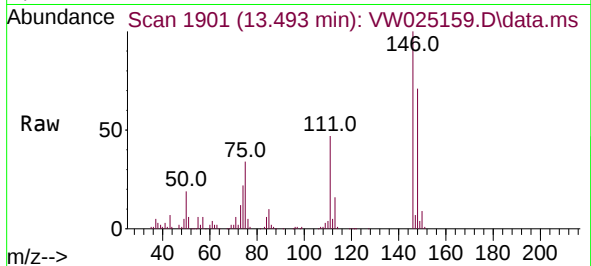




#64
1,3-Dichlorobenzene
Concen: 21.522 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

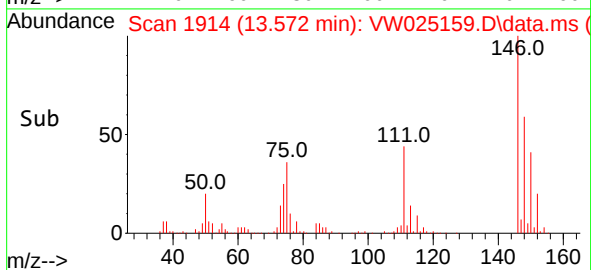
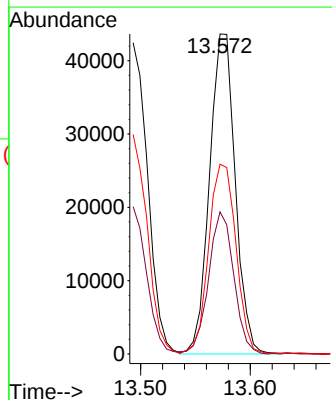
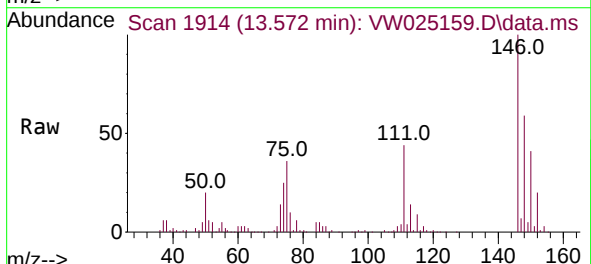
Instrument :
MSVOA_W
ClientSampleId :
GBQC3MS

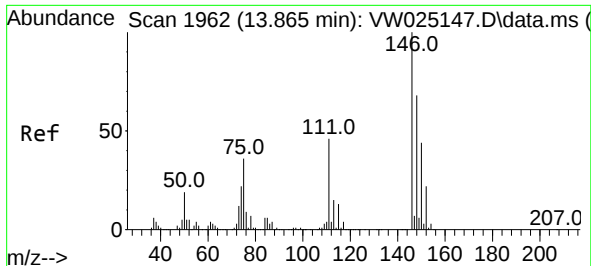
Tgt Ion:146 Resp: 68543
Ion Ratio Lower Upper
146 100
111 47.4 30.2 56.0
148 70.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 22.240 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025159.D
Acq: 22 Dec 2022 15:43

Tgt Ion:146 Resp: 71330
Ion Ratio Lower Upper
146 100
111 44.4 27.4 51.0
148 59.3 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 25.969 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

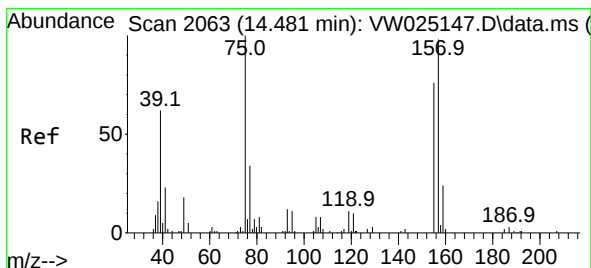
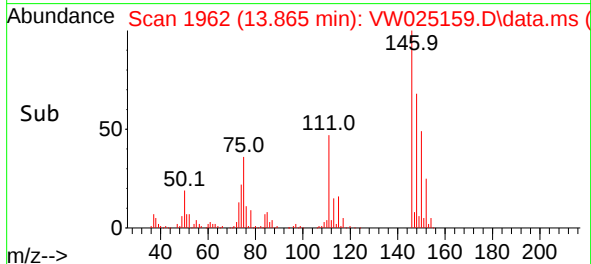
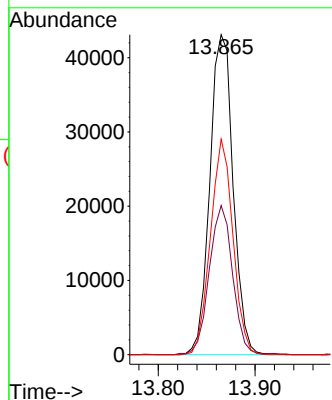
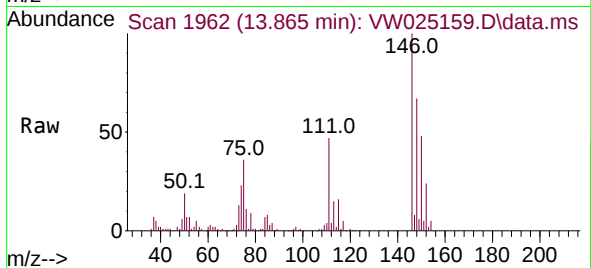
Tgt Ion:146 Resp: 72128

Ion Ratio Lower Upper

146 100

111 46.6 34.3 51.5

148 67.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 86.830 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

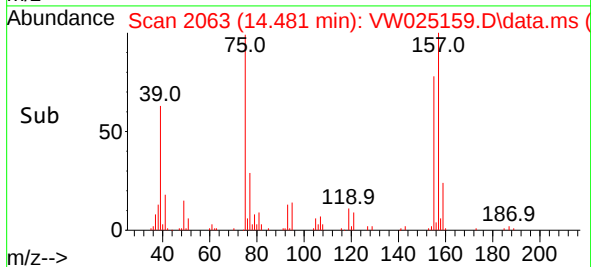
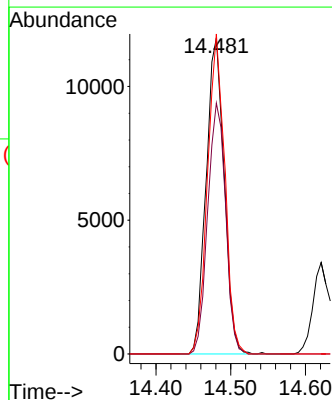
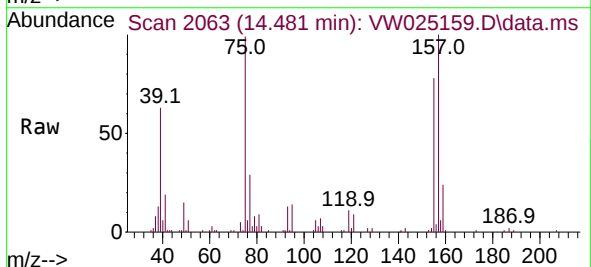
Tgt Ion: 75 Resp: 19749

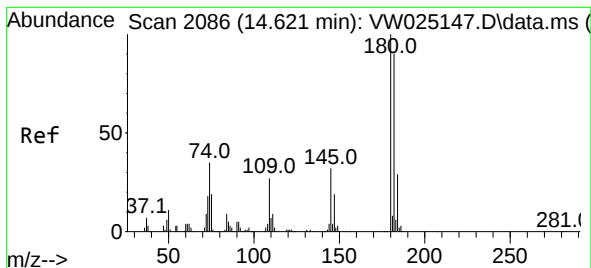
Ion Ratio Lower Upper

75 100

155 79.5 60.3 90.5

157 101.3 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 12.085 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

Tgt Ion:180 Resp: 27329

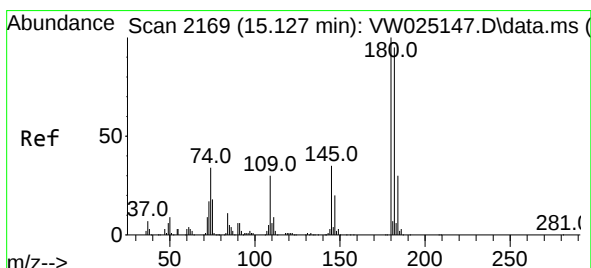
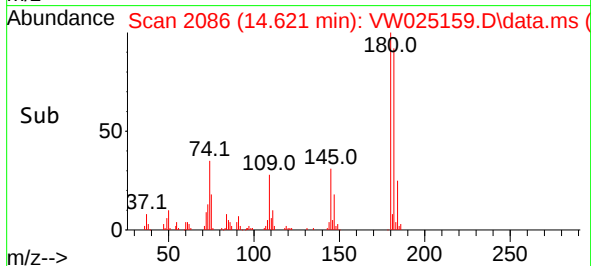
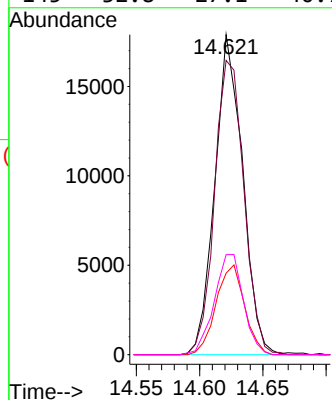
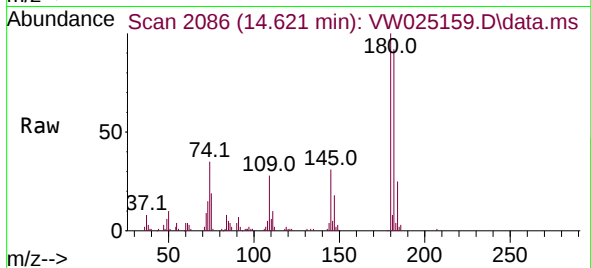
Ion Ratio Lower Upper

180 100

182 97.1 77.8 116.6

184 28.7 24.3 36.5

145 32.8 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 10.434 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

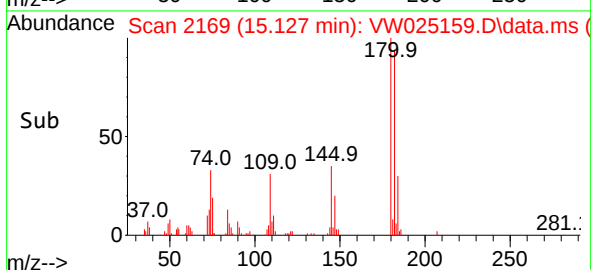
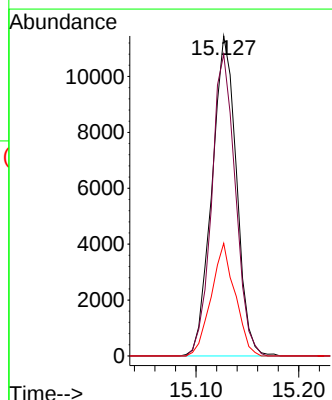
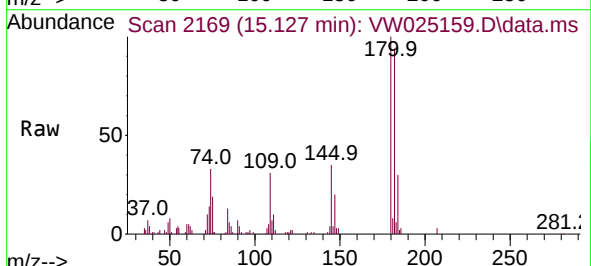
Tgt Ion:180 Resp: 18932

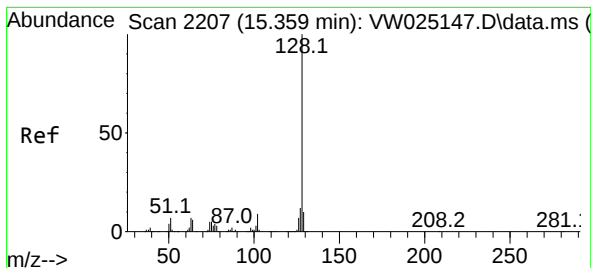
Ion Ratio Lower Upper

180 100

182 91.6 77.2 115.8

145 34.3 26.9 40.3





#71

Naphthalene

Concen: 14.821 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Instrument :

MSVOA_W

ClientSampleId :

GBQC3MS

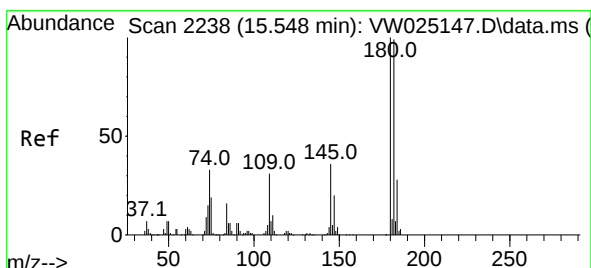
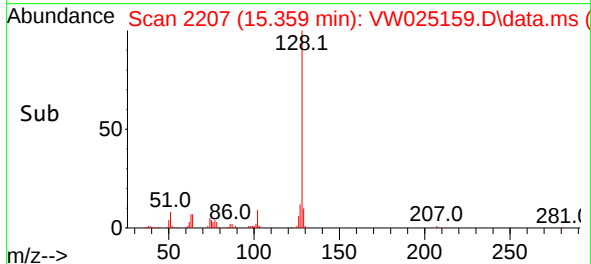
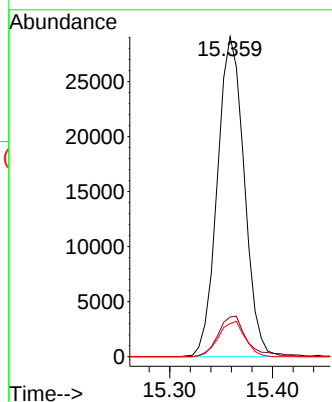
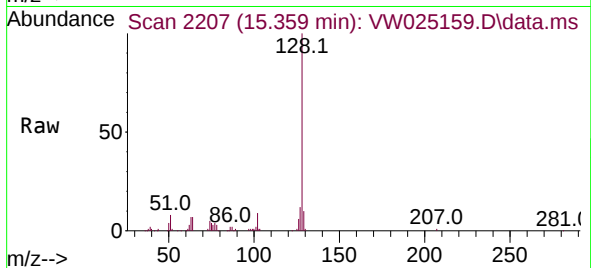
Tgt Ion:128 Resp: 52718

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 11.380 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025159.D

Acq: 22 Dec 2022 15:43

Tgt Ion:180 Resp: 18095

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 36.3 29.6 44.4

