

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025205.D
 Acq On : 23 Dec 2022 18:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 22:04:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 21:59:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	684400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	608963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	265222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	163955	20.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
7) Chloroethane-d5	2.879	69	111283	21.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	4.019	63	362768	20.988	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.960%
21) 2-Butanone-d5	7.080	46	101626	51.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.620%
24) Chloroform-d	7.647	84	393924	22.298	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.305	65	196221	21.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.275	84	827060	23.159	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	9.274	67	248396	23.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.323	98	741073	22.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.560%
43) trans-1,3-Dichloroprop...	10.573	79	96309	21.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.760%
47) 2-Hexanone-d5	10.921	63	86036	56.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	183697	23.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	206814	23.006	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	84703	20.421	ug/L	95
3) Chloromethane	2.209	50	159076	21.781	ug/L	98
5) Vinyl chloride	2.355	62	202034	22.113	ug/L	98
6) Bromomethane	2.776	94	104065	21.982	ug/L	97
8) Chloroethane	2.916	64	92432	21.873	ug/L	97
9) Trichlorofluoromethane	3.257	101	122224	17.851	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	196622	21.740	ug/L	98
12) 1,1-Dichloroethene	4.038	96	192797	22.359	ug/L	95
13) Acetone	4.123	43	62723	30.807	ug/L	94
14) Carbon disulfide	4.385	76	574195	20.859	ug/L	99
15) Methyl Acetate	4.672	43	86582	26.054	ug/L	99
16) Methylene chloride	4.916	84	218647	20.440	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	210351	23.012	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	304706	22.465	ug/L	99
19) 1,1-Dichloroethane	6.214	63	389415	23.577	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	232302	24.034	ug/L	94
22) 2-Butanone	7.171	43	110193	43.020	ug/L	98
23) Bromochloromethane	7.513	128	97867	23.928	ug/L	97
25) Chloroform	7.677	83	382216	22.867	ug/L	99

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 Response via : Initial Calibration

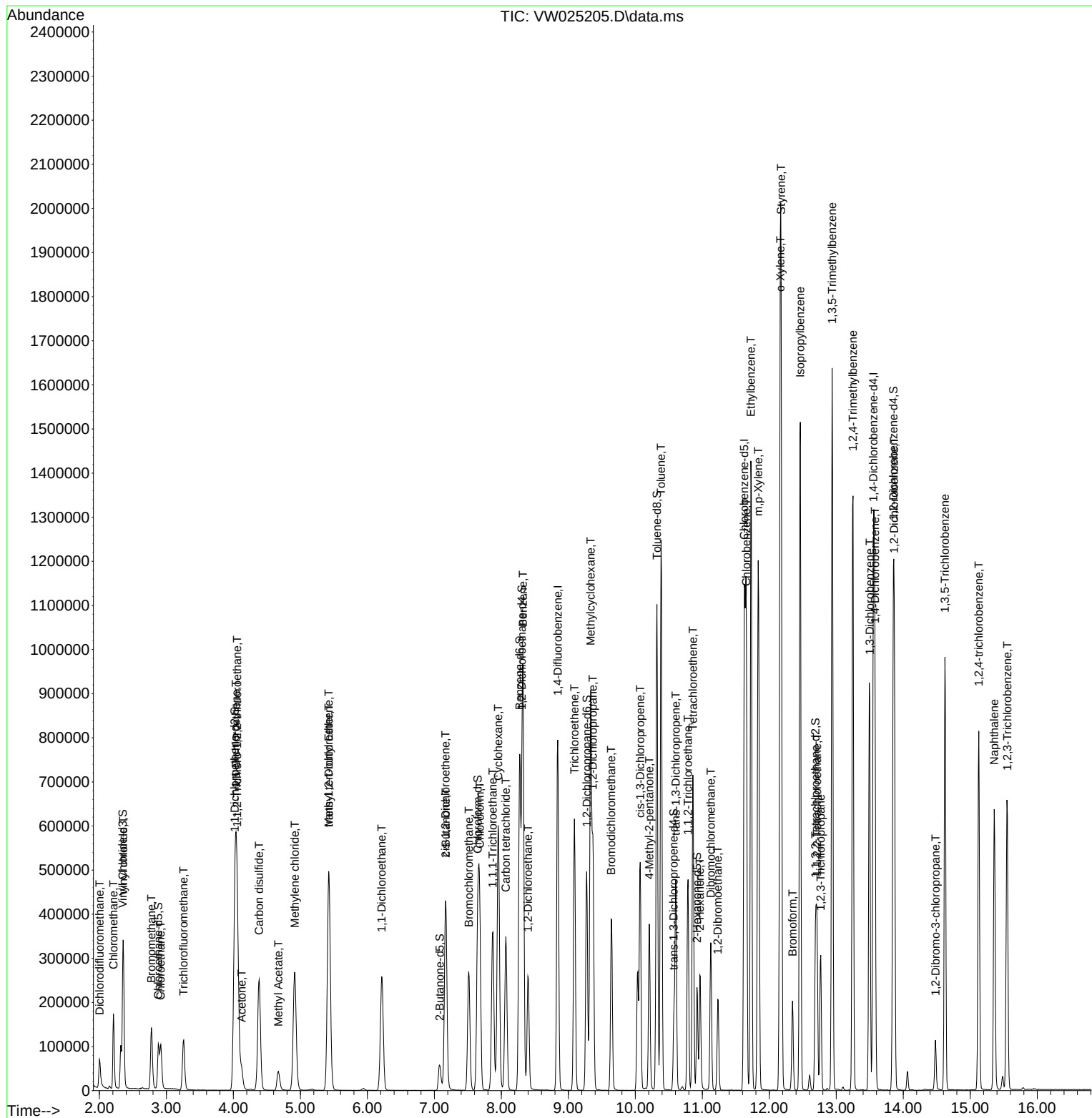
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	233283	22.168	ug/L	99
29) Cyclohexane	7.952	56	356889	23.144	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	301247	20.956	ug/L	99
31) Carbon tetrachloride	8.067	117	266680	20.176	ug/L	99
33) Benzene	8.323	78	887863	23.536	ug/L	100
34) Trichloroethene	9.092	95	222036	22.470	ug/L	96
35) Methylcyclohexane	9.335	83	383788	21.897	ug/L	99
37) 1,2-Dichloropropane	9.366	63	219739	24.151	ug/L	99
38) Bromodichloromethane	9.640	83	269982	22.461	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	324089	23.312	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	243908	52.294	ug/L	100
42) Toluene	10.384	91	917812	23.221	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	268653	22.565	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	156420	24.090	ug/L	98
46) Tetrachloroethene	10.860	164	153156	21.291	ug/L	94
48) 2-Hexanone	10.963	43	167095	49.047	ug/L	99
49) Dibromochloromethane	11.128	129	179449	23.012	ug/L	95
50) 1,2-Dibromoethane	11.231	107	146876	24.296	ug/L	93
51) Chlorobenzene	11.658	112	582985	23.048	ug/L	99
52) Ethylbenzene	11.725	91	1028228	22.956	ug/L	99
53) m,p-Xylene	11.835	106	395478	23.120	ug/L	98
54) o-Xylene	12.164	106	378266	23.203	ug/L	97
55) Styrene	12.176	104	646858	23.430	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	186493	24.560	ug/L	95
59) Bromoform	12.347	173	91510	25.125	ug/L	100
60) Isopropylbenzene	12.463	105	1009519	24.832	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	134010	26.287	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	881920	25.326	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	769581	22.748	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	384588	23.107	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	395143	23.575	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	345763	23.822	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	29954	25.201	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	283645	24.002	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	242525	25.577	ug/L	99
71) Naphthalene	15.359	128	544144	29.273	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	222882	26.822	ug/L	96

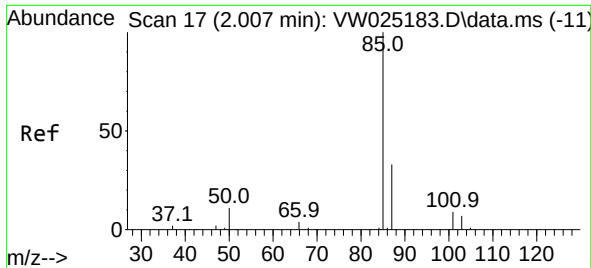
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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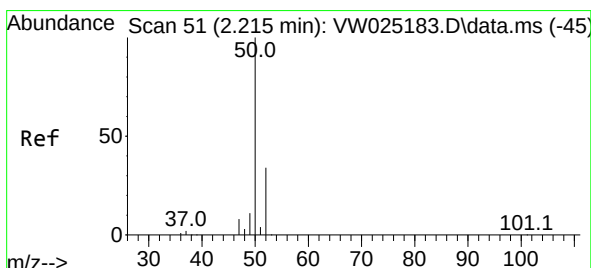
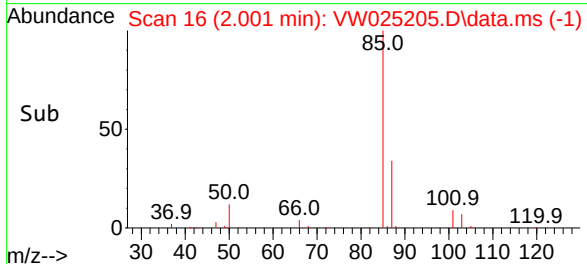
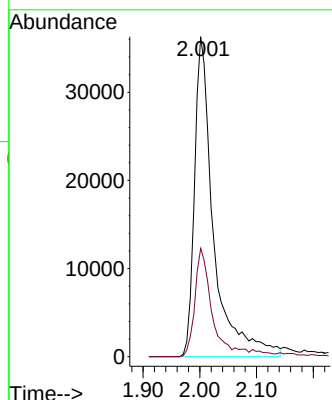
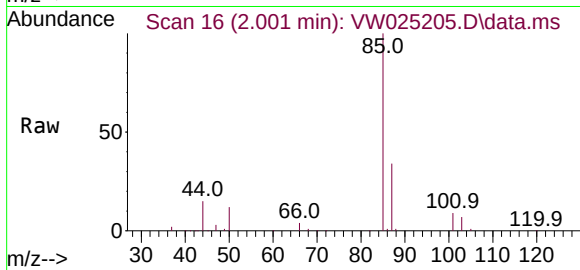




#2
Dichlorodifluoromethane
Concen: 20.421 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

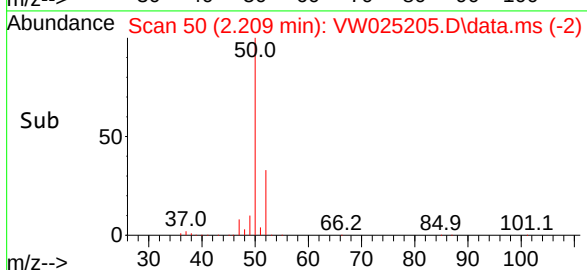
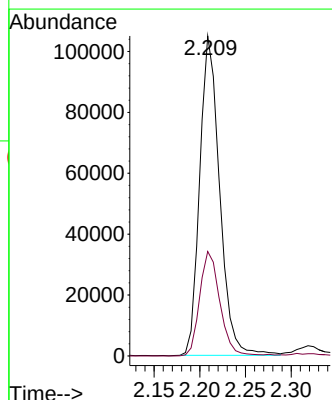
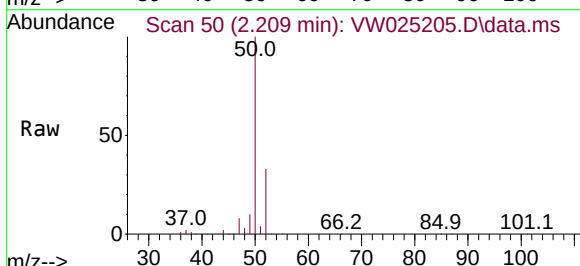
Instrument :
MSVOA_W
ClientSampleId :

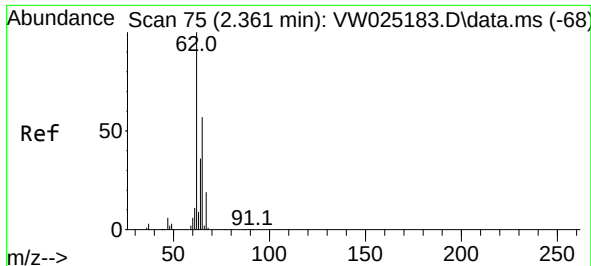
Tgt Ion: 85 Resp: 84703
Ion Ratio Lower Upper
85 100
87 28.6 25.0 37.6



#3
Chloromethane
Concen: 21.781 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 50 Resp: 159076
Ion Ratio Lower Upper
50 100
52 32.7 22.1 41.1

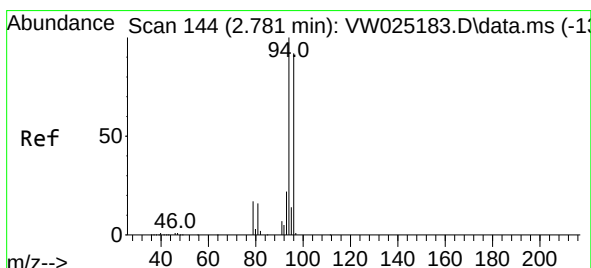
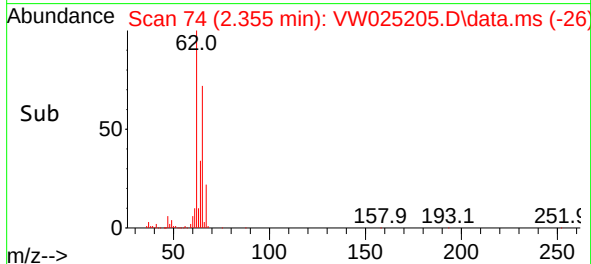
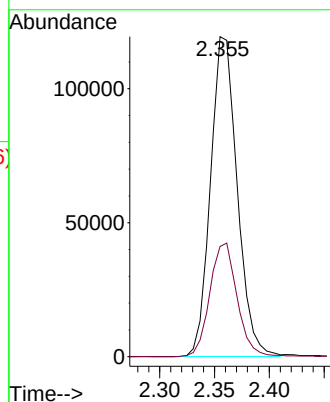
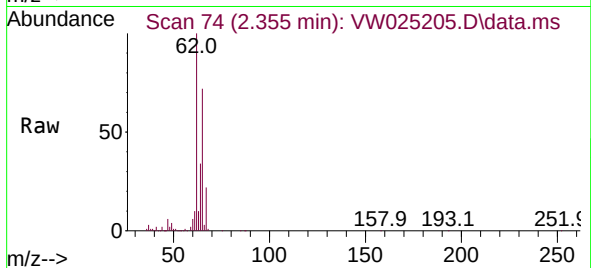




#5
 Vinyl chloride
 Concen: 22.113 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW025205.D
 Acq: 23 Dec 2022 18:31

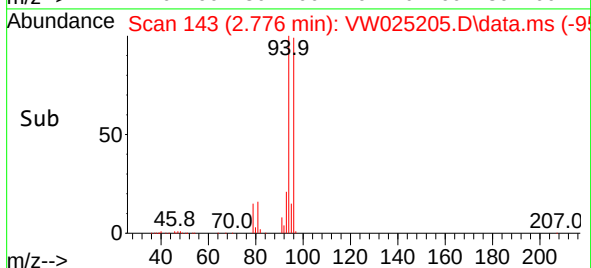
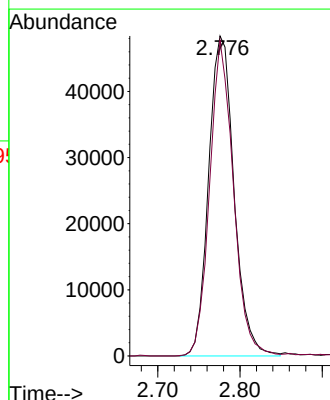
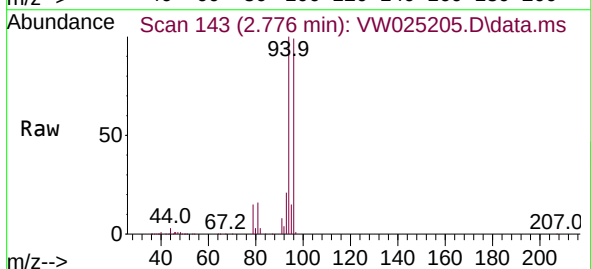
Instrument :
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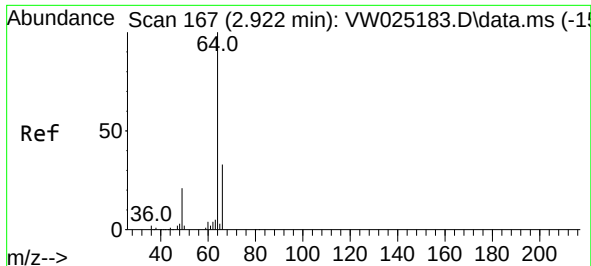
Tgt Ion: 62 Resp: 202034
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.8 46.1



#6
 Bromomethane
 Concen: 21.982 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW025205.D
 Acq: 23 Dec 2022 18:31

Tgt Ion: 94 Resp: 104065
 Ion Ratio Lower Upper
 94 100
 96 98.6 66.7 123.9

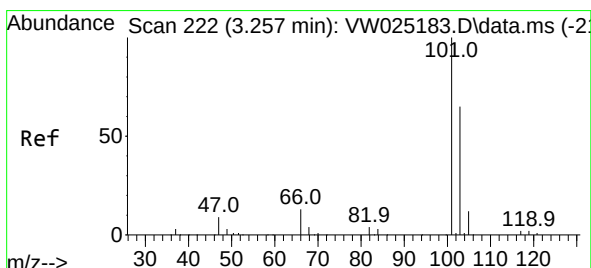
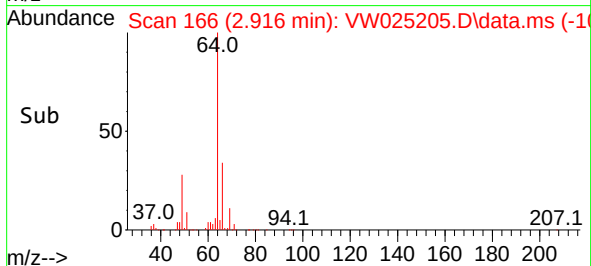
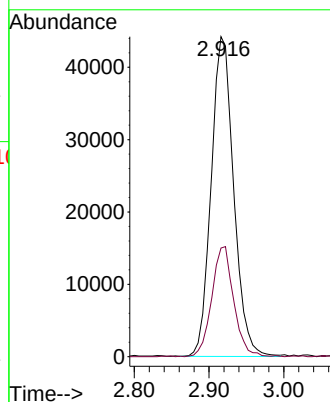
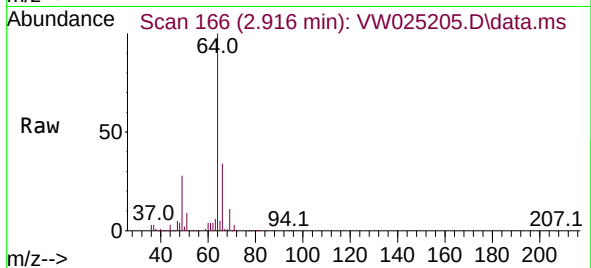




#8
Chloroethane
Concen: 21.873 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

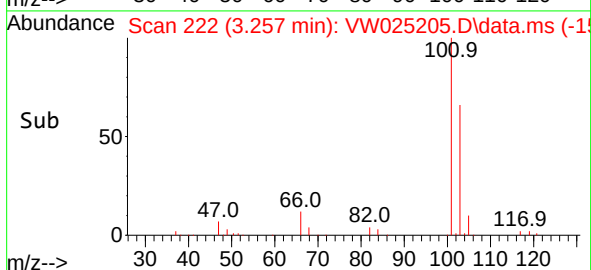
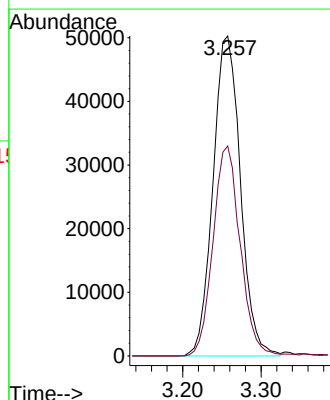
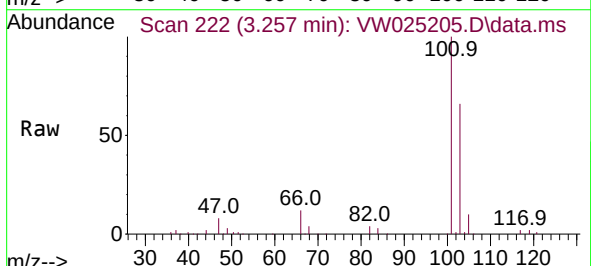
Instrument :
MSVOA_W
ClientSampleId :

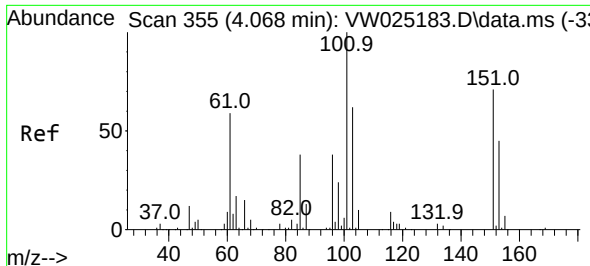
Tgt Ion: 64 Resp: 92432
Ion Ratio Lower Upper
64 100
66 34.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 17.851 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion:101 Resp: 122224
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3

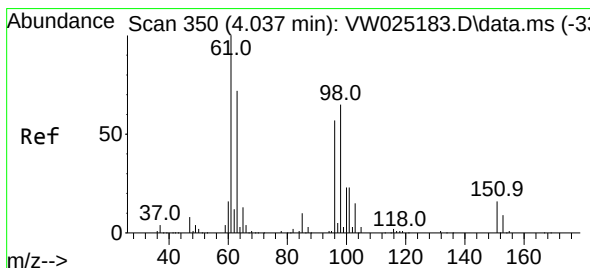
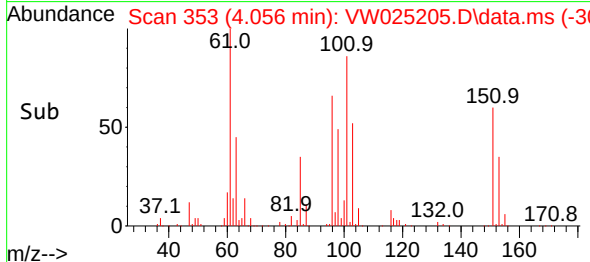
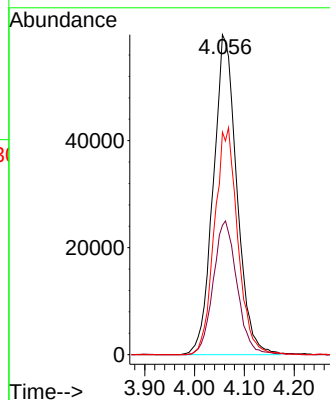
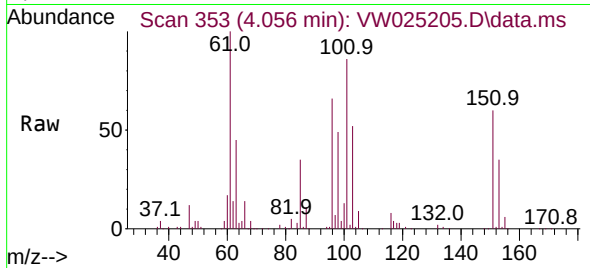




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.740 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW025205.D
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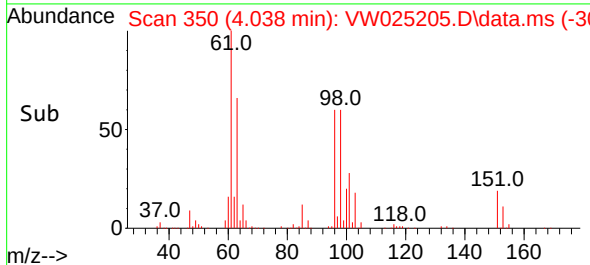
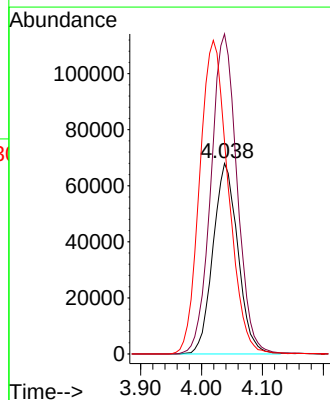
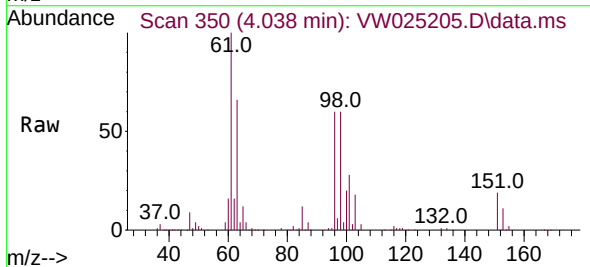
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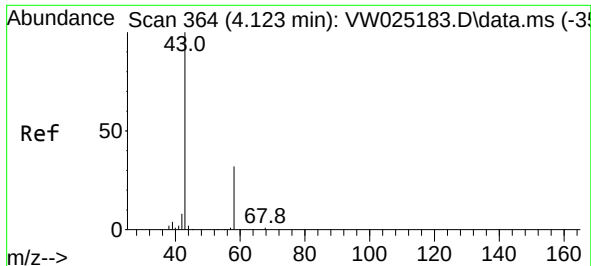
Tgt Ion:101 Resp: 196622
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.6 52.0
 151 69.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 22.359 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025205.D
 Acq: 23 Dec 2022 18:31

Tgt Ion: 96 Resp: 192797
 Ion Ratio Lower Upper
 96 100
 61 167.9 120.8 224.4
 63 111.5 84.1 156.1

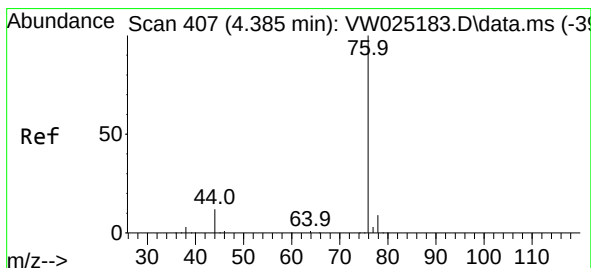
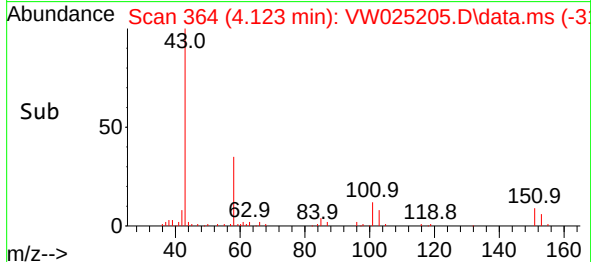
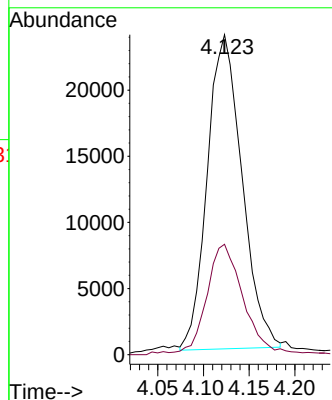
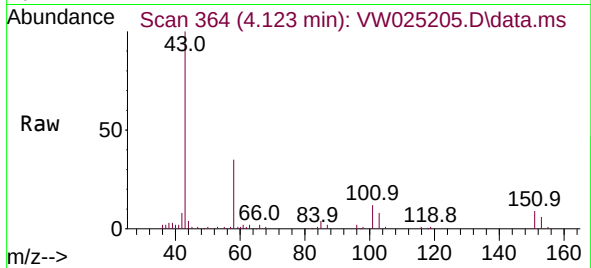




#13
Acetone
Concen: 30.807 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

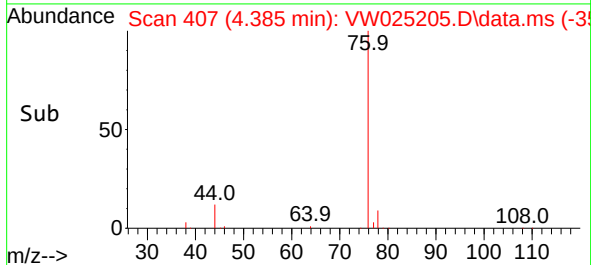
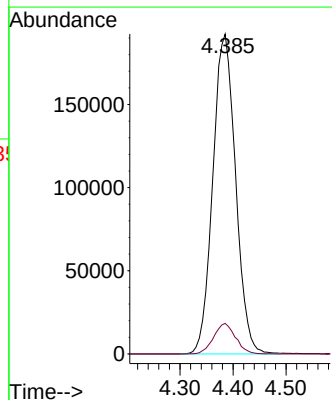
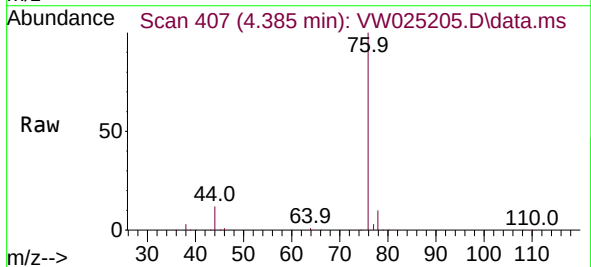
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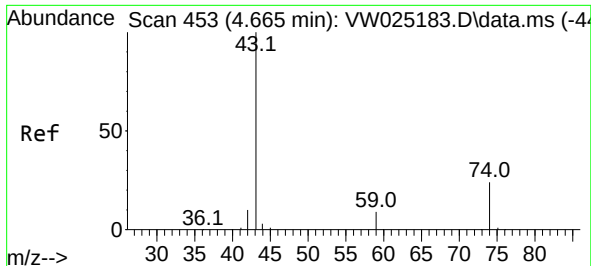
Tgt Ion: 43 Resp: 62723
Ion Ratio Lower Upper
43 100
58 35.9 0.0 65.2



#14
Carbon disulfide
Concen: 20.859 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 574195
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

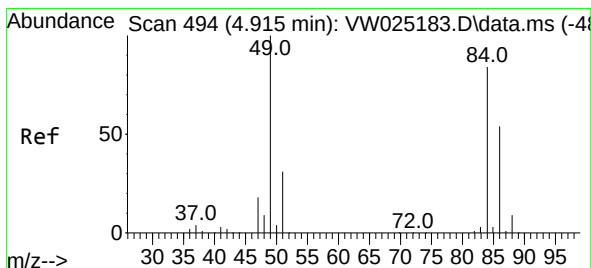
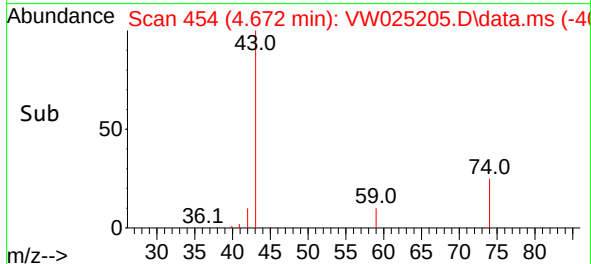
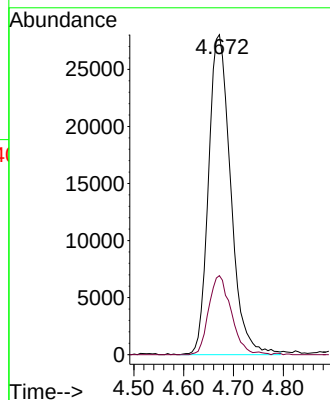
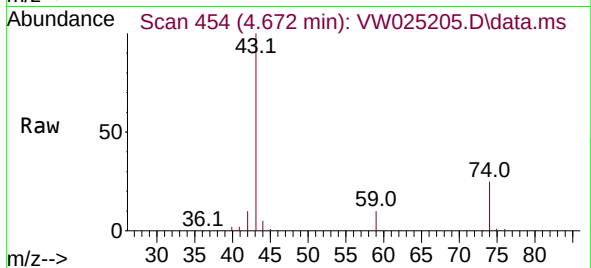




#15
Methyl Acetate
Concen: 26.054 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

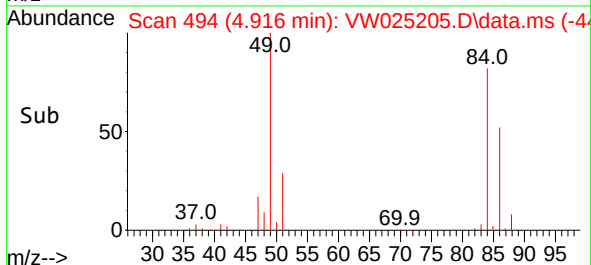
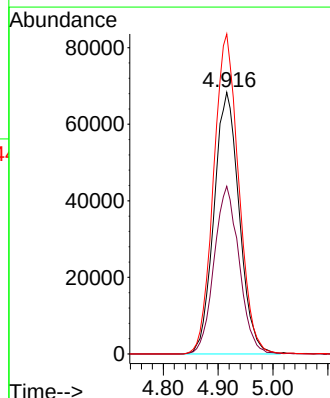
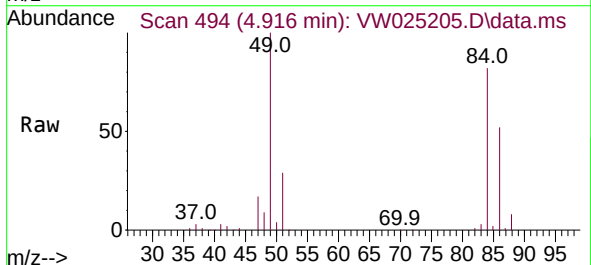
Instrument :
MSVOA_W
ClientSampleId :

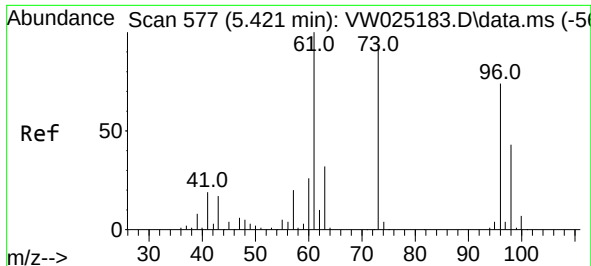
Tgt Ion: 43 Resp: 86582
Ion Ratio Lower Upper
43 100
74 24.7 19.5 29.3



#16
Methylene chloride
Concen: 20.440 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 84 Resp: 218647
Ion Ratio Lower Upper
84 100
86 64.1 45.0 83.6
49 122.3 86.3 160.3

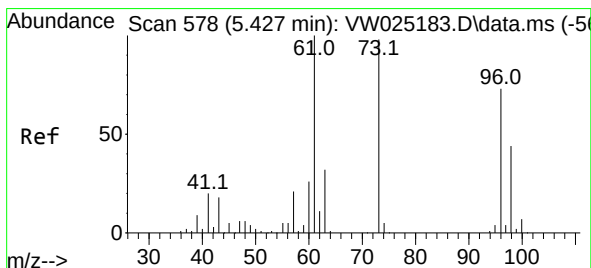
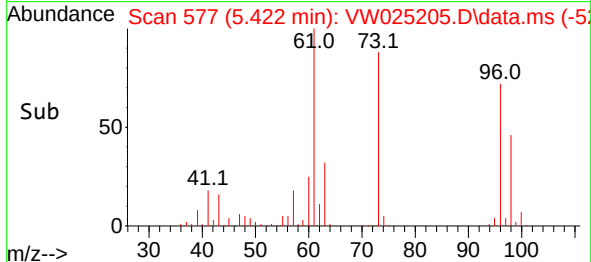
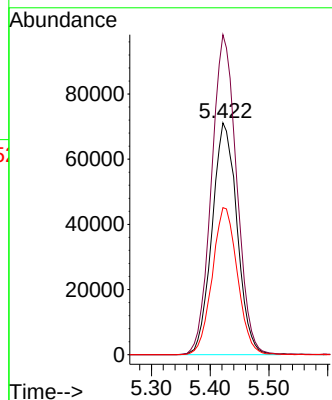
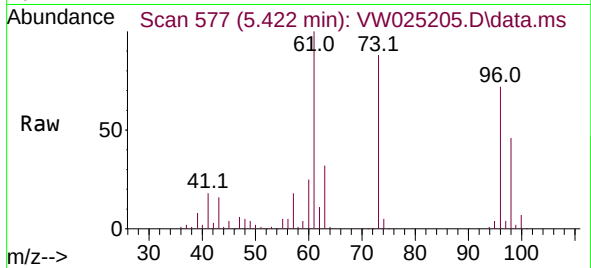




#17
trans-1,2-Dichloroethene
Concen: 23.012 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

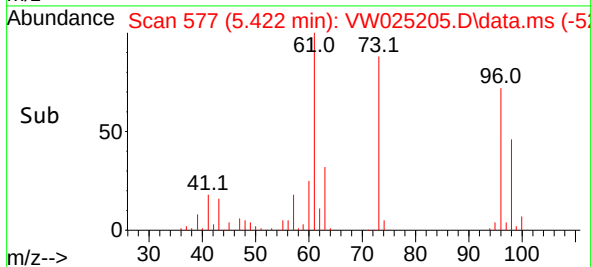
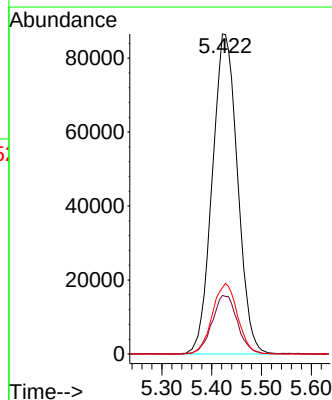
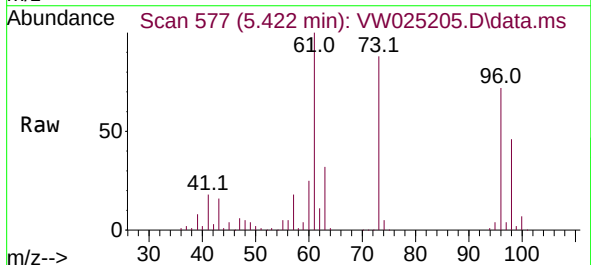
Instrument :
MSVOA_W
ClientSampleId :

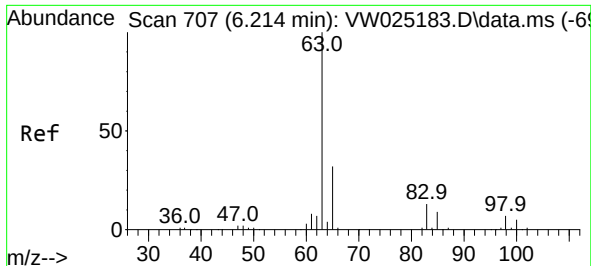
Tgt Ion: 96 Resp: 210351
Ion Ratio Lower Upper
96 100
61 138.1 95.5 177.3
98 63.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 22.465 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 73 Resp: 304706
Ion Ratio Lower Upper
73 100
43 18.3 15.6 23.4
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.577 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :

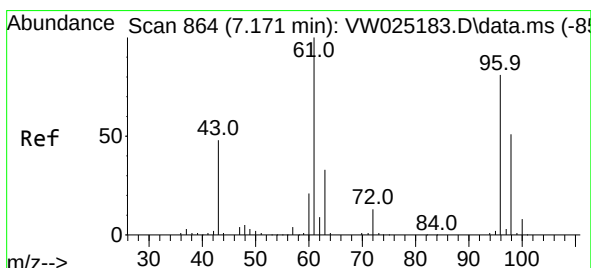
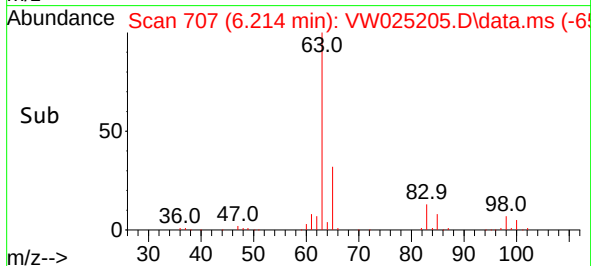
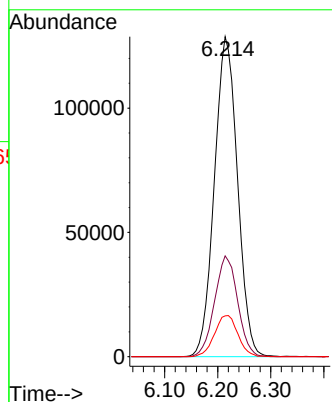
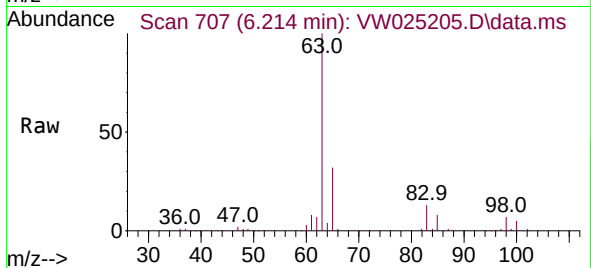
Tgt Ion: 63 Resp: 389415

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 12.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 24.034 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

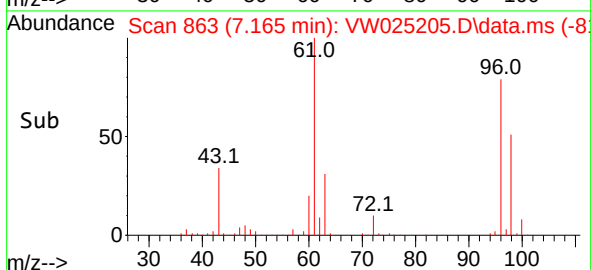
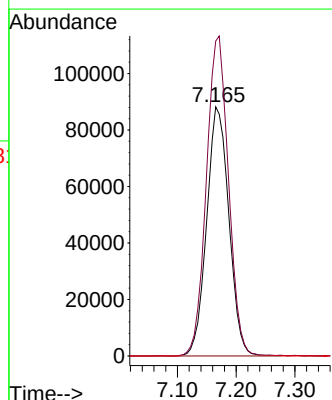
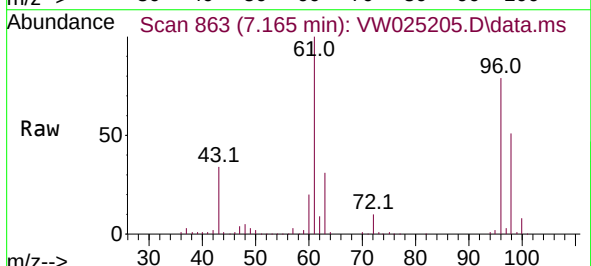
Tgt Ion: 96 Resp: 232302

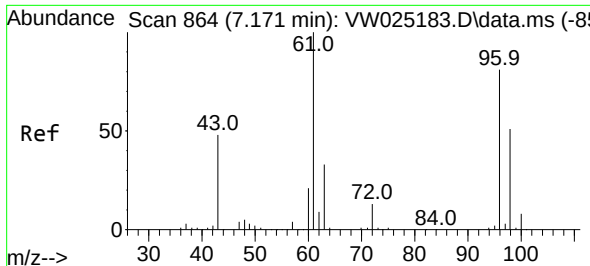
Ion Ratio Lower Upper

96 100

61 126.4 93.7 173.9

68 0.0 0.0 0.0

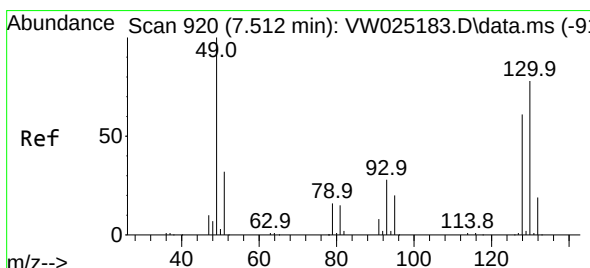
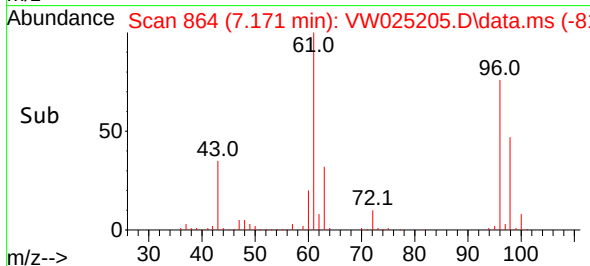
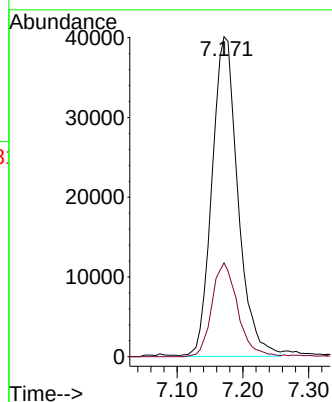
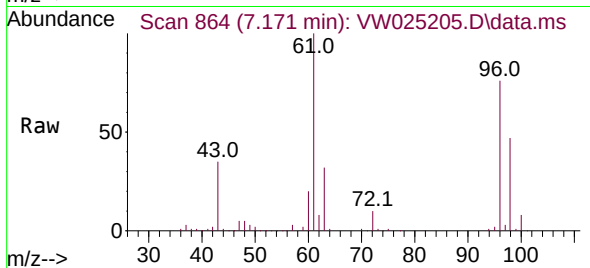




#22
2-Butanone
Concen: 43.020 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

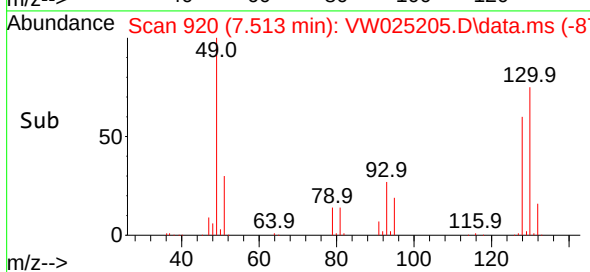
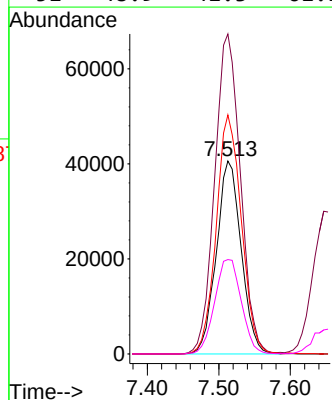
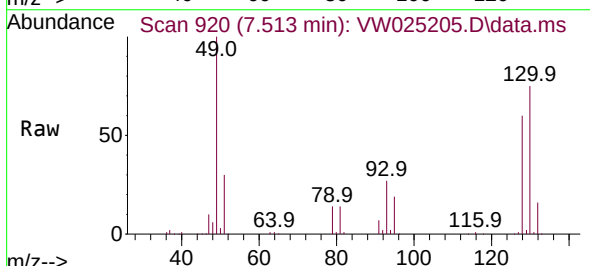
Instrument :
MSVOA_W
ClientSampleId :

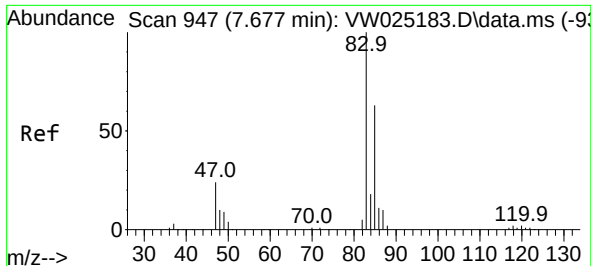
Tgt Ion: 43 Resp: 110193
Ion Ratio Lower Upper
43 100
72 29.1 15.0 45.0



#23
Bromochloromethane
Concen: 23.928 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion:128 Resp: 97867
Ion Ratio Lower Upper
128 100
49 165.9 114.1 211.9
130 123.9 89.0 165.2
51 48.9 41.3 61.9

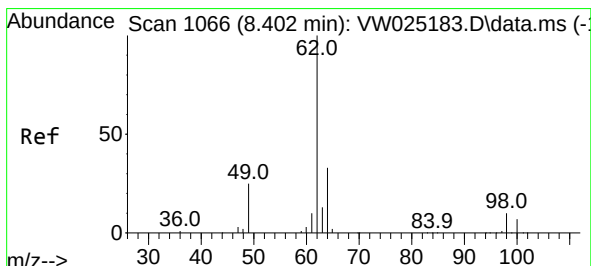
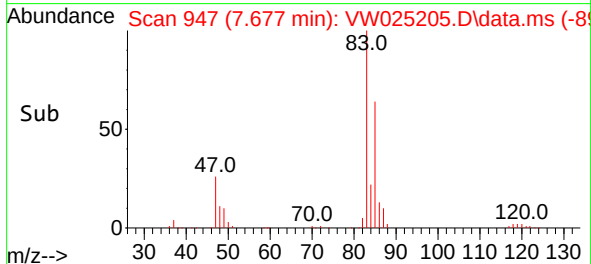
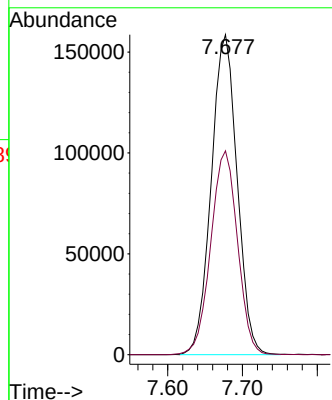
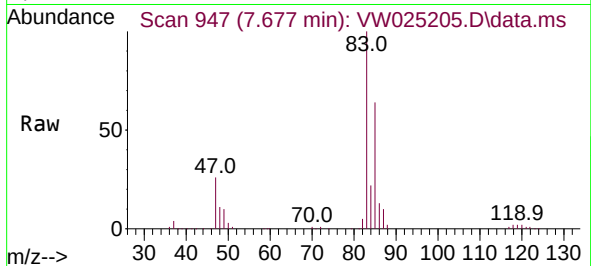




#25
Chloroform
Concen: 22.867 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

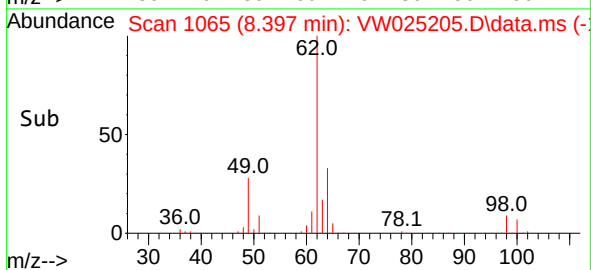
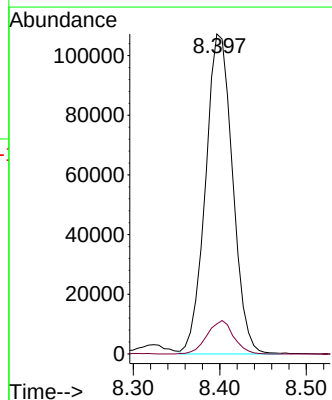
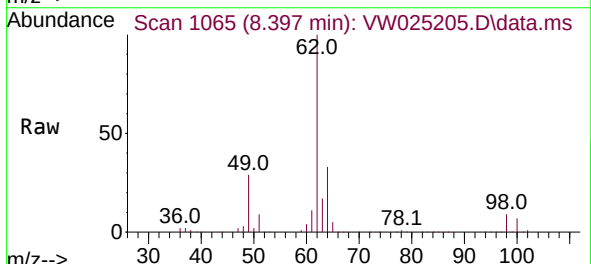
Instrument :
MSVOA_W
ClientSampleId :

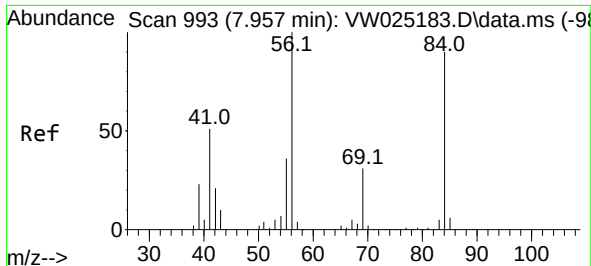
Tgt Ion: 83 Resp: 382216
Ion Ratio Lower Upper
83 100
85 63.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 22.168 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 62 Resp: 233283
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





#29

Cyclohexane

Concen: 23.144 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :

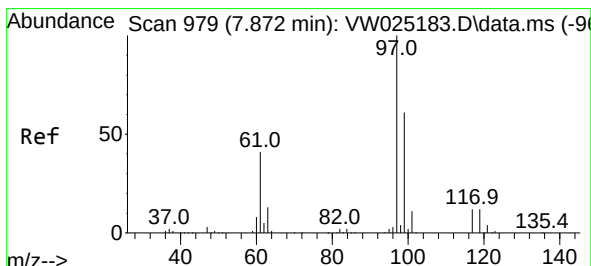
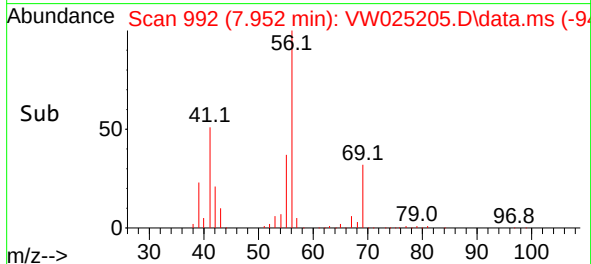
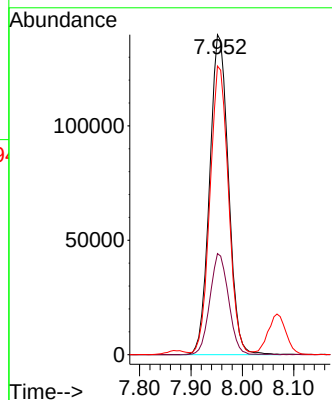
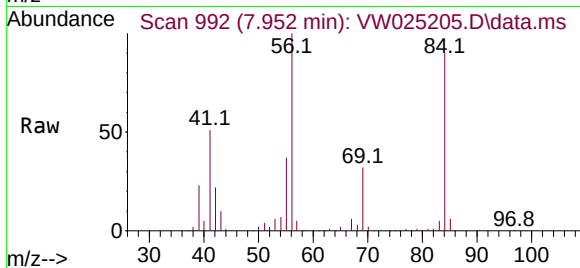
Tgt Ion: 56 Resp: 356889

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.6

84 88.9 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 20.956 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

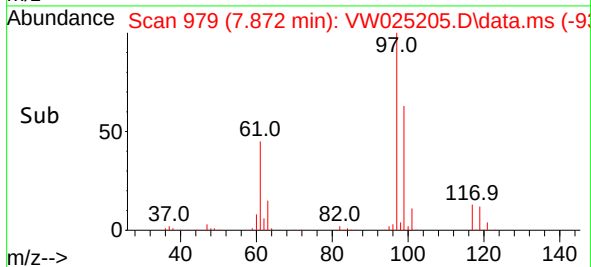
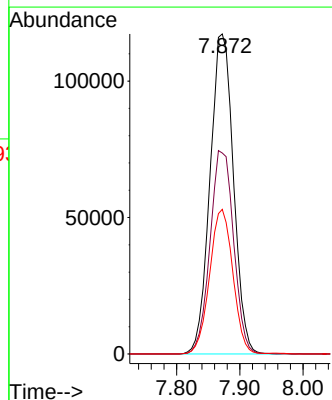
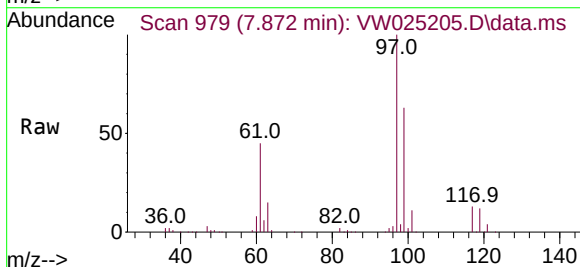
Tgt Ion: 97 Resp: 301247

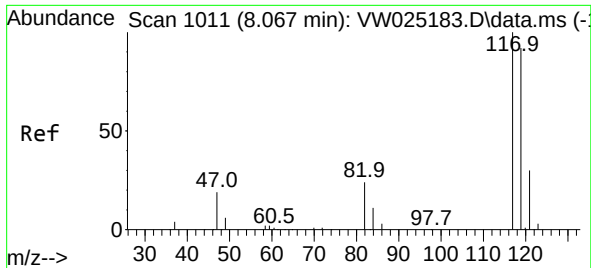
Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

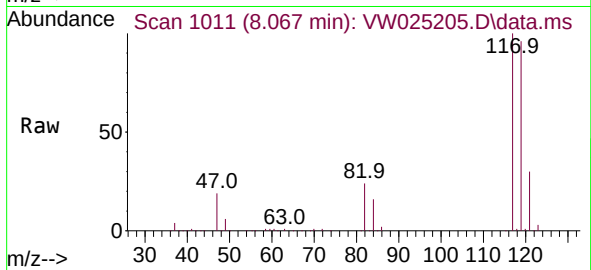
61 44.9 35.5 53.3



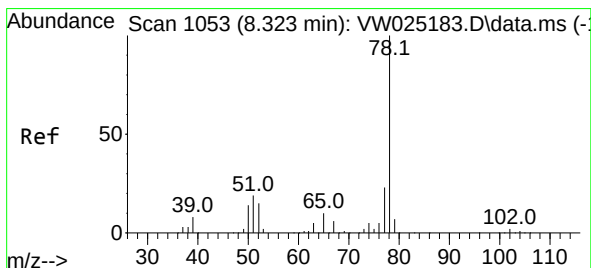
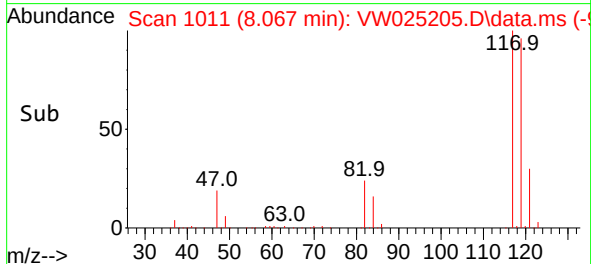
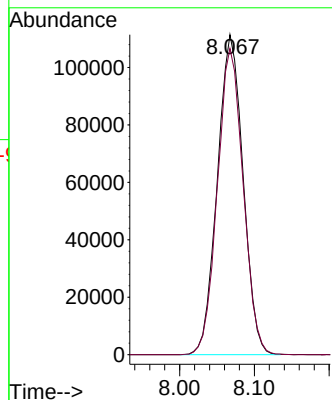


#31
Carbon tetrachloride
Concen: 20.176 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Instrument :
MSVOA_W
ClientSampleId :

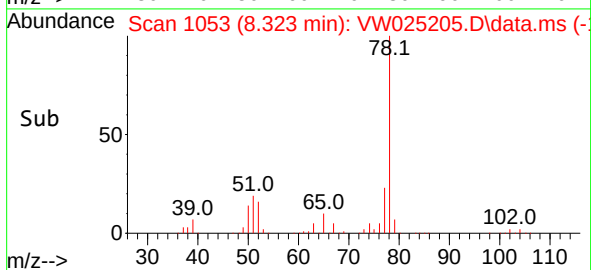
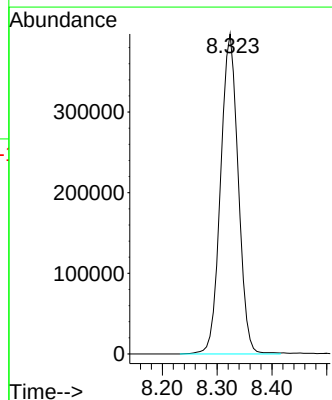
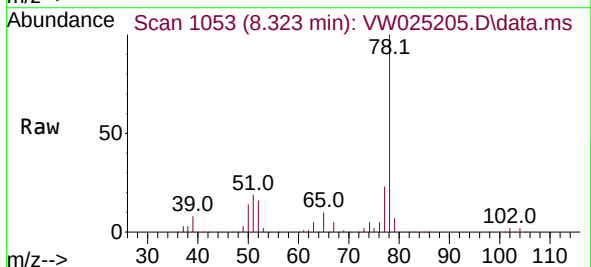


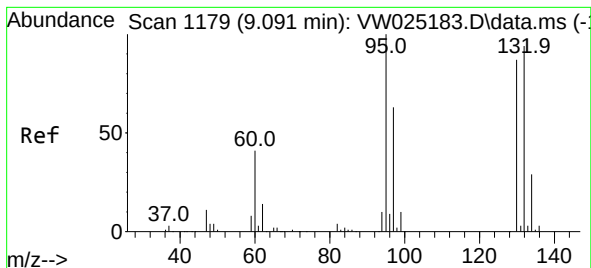
Tgt Ion:117 Resp: 266680
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.4



#33
Benzene
Concen: 23.536 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 78 Resp: 887863





#34

Trichloroethene

Concen: 22.470 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

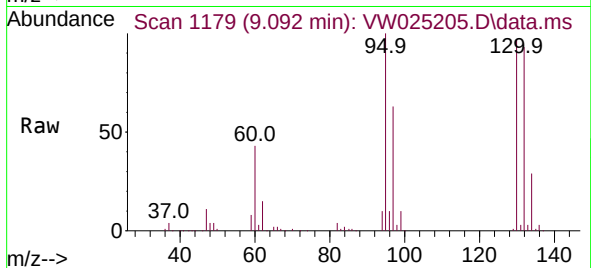
Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 222036

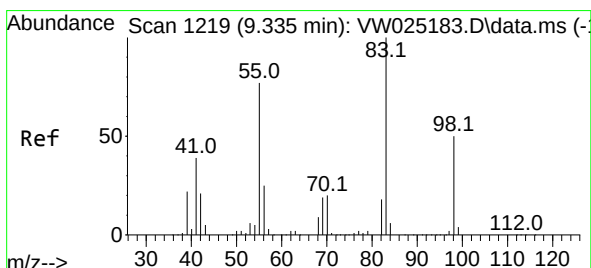
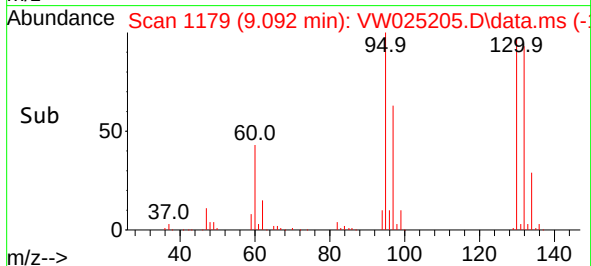
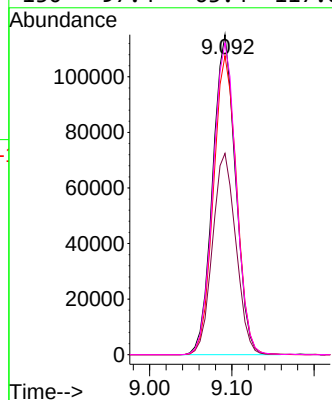
Ion Ratio Lower Upper

95 100

97 62.9 44.3 82.3

132 93.4 63.0 117.0

130 97.4 63.4 117.8



#35

Methylcyclohexane

Concen: 21.897 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

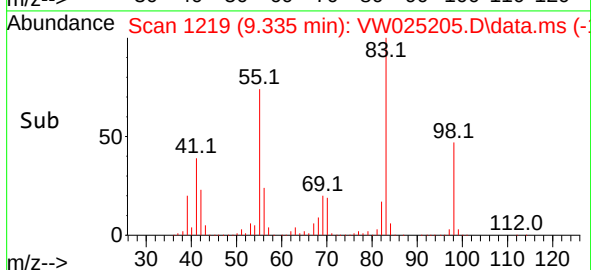
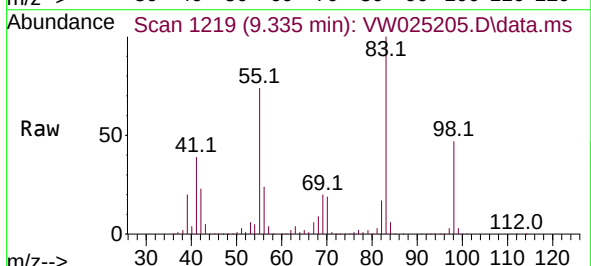
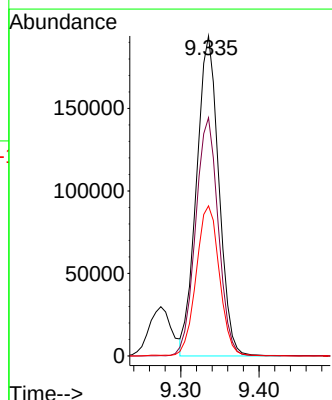
Tgt Ion: 83 Resp: 383788

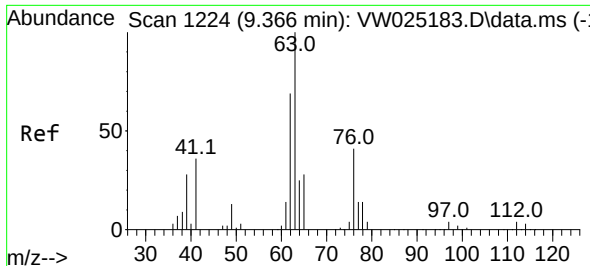
Ion Ratio Lower Upper

83 100

55 75.5 59.3 88.9

98 48.8 38.6 57.8





#37

1,2-Dichloropropane

Concen: 24.151 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

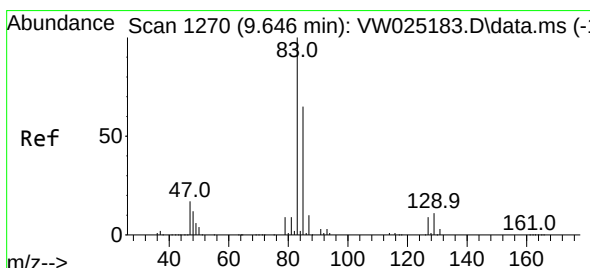
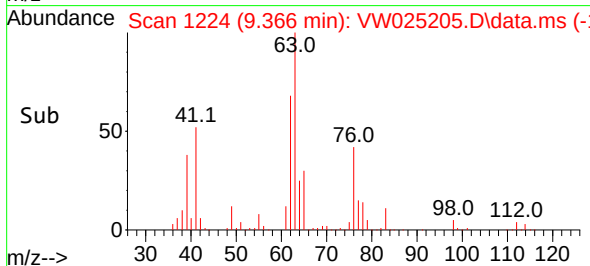
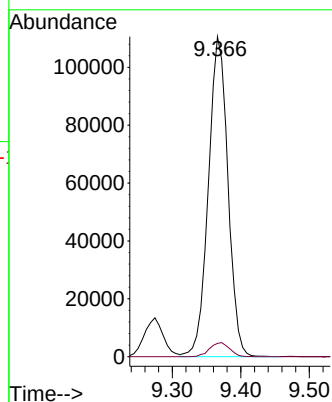
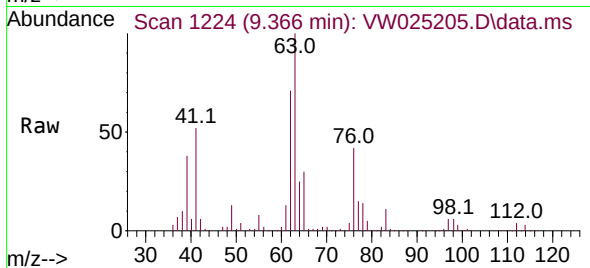
ClientSampleId :

Tgt Ion: 63 Resp: 219739

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 22.461 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

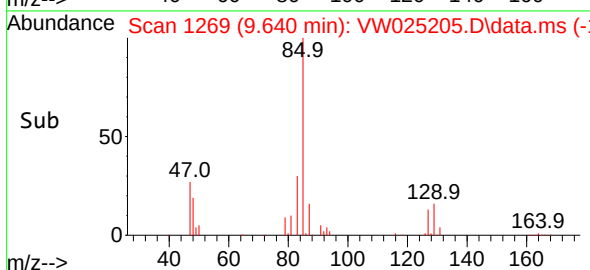
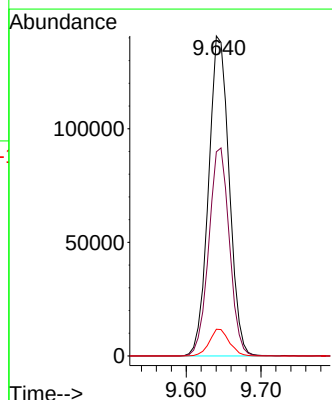
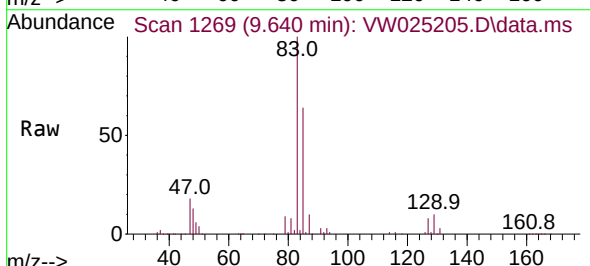
Tgt Ion: 83 Resp: 269982

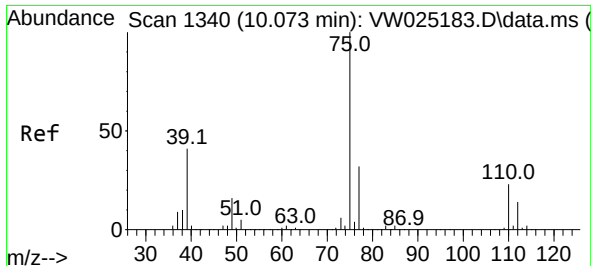
Ion Ratio Lower Upper

83 100

85 63.8 44.2 82.2

127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 23.312 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

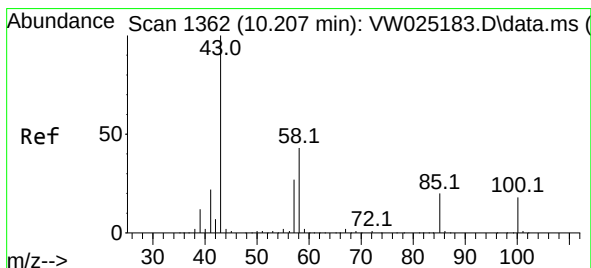
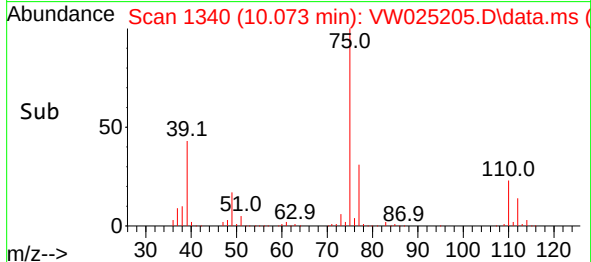
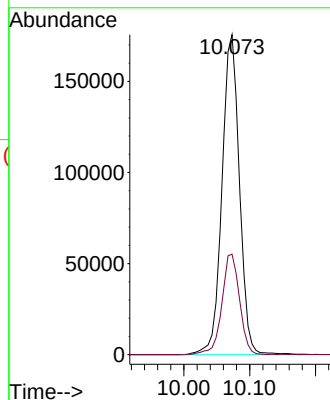
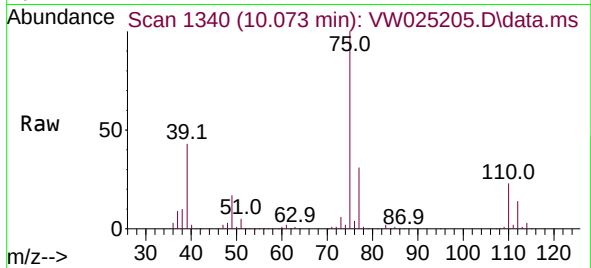
ClientSampleId :

Tgt Ion: 75 Resp: 324089

Ion Ratio Lower Upper

75 100

77 31.4 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 52.294 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

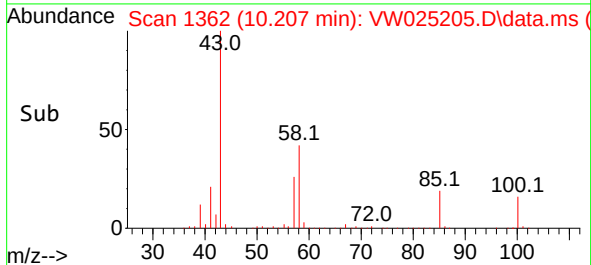
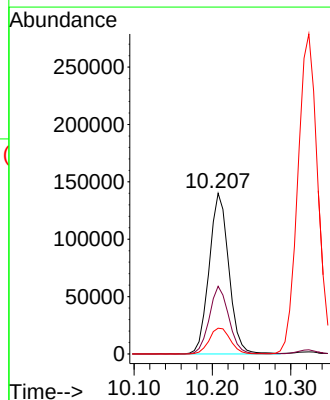
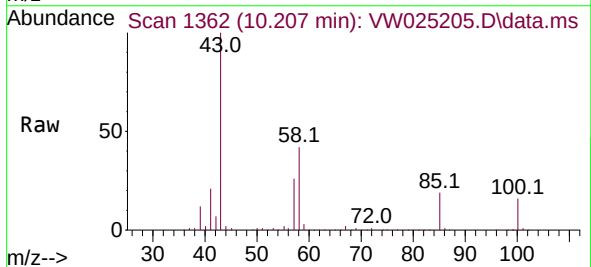
Tgt Ion: 43 Resp: 243908

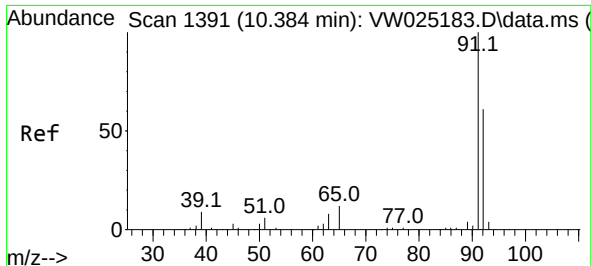
Ion Ratio Lower Upper

43 100

58 41.8 33.3 49.9

100 17.3 13.8 20.6

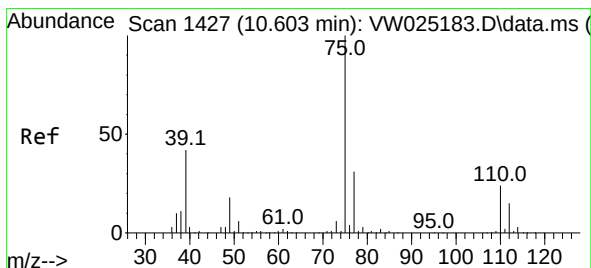
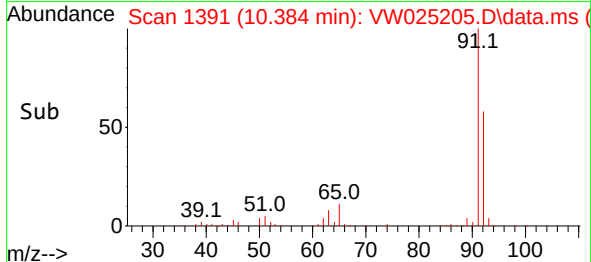
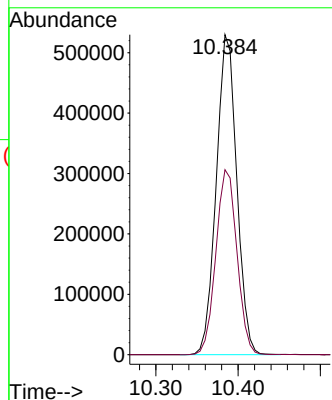
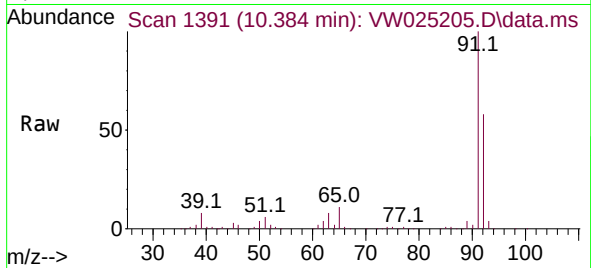




#42
Toluene
Concen: 23.221 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

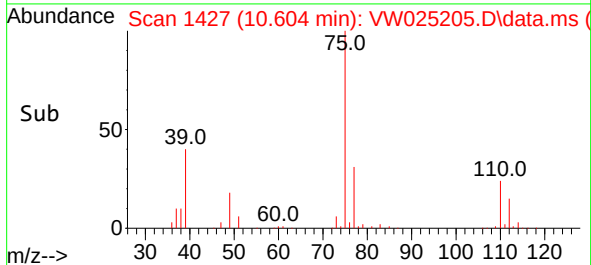
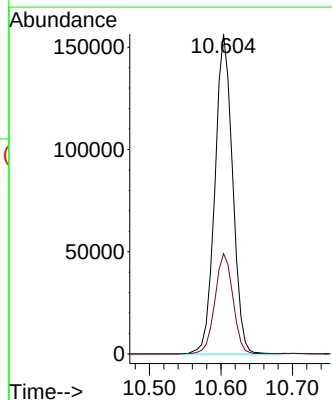
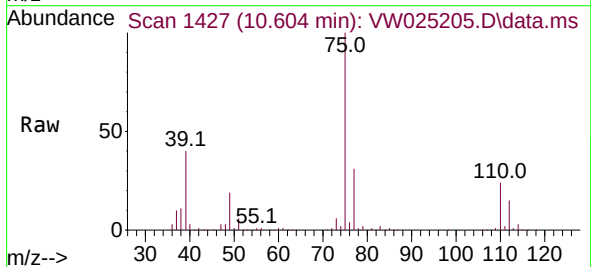
Instrument :
MSVOA_W
ClientSampleId :

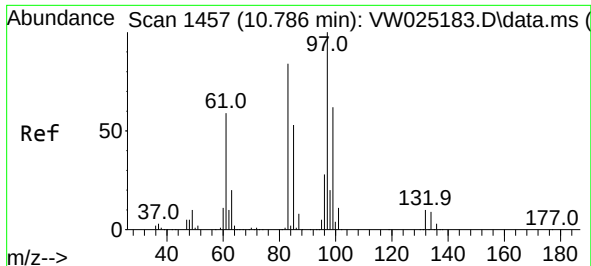
Tgt Ion: 91 Resp: 917812
Ion Ratio Lower Upper
91 100
92 57.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 22.565 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 75 Resp: 268653
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7



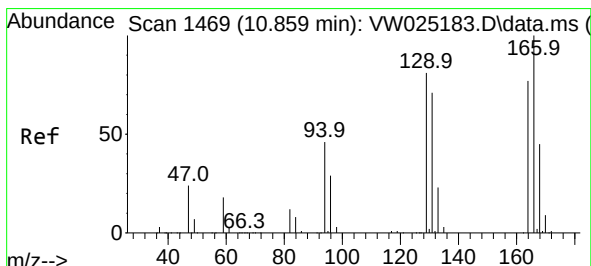
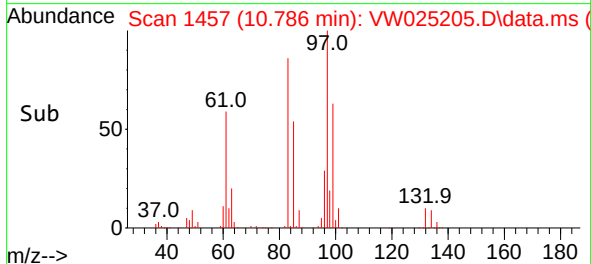
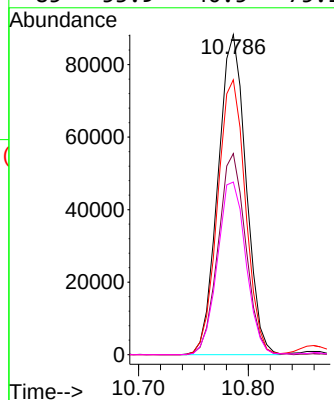
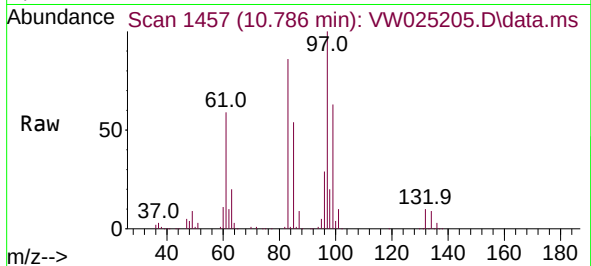


#45
1,1,2-Trichloroethane
Concen: 24.090 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 156420

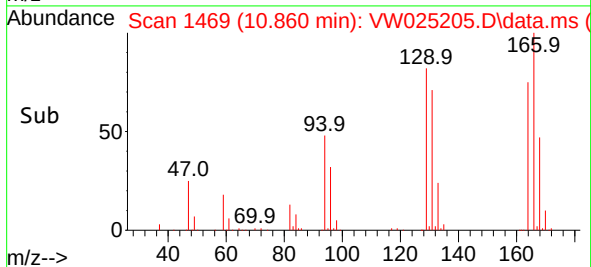
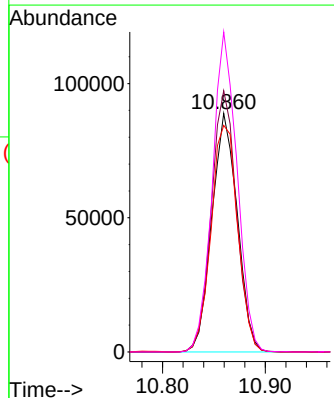
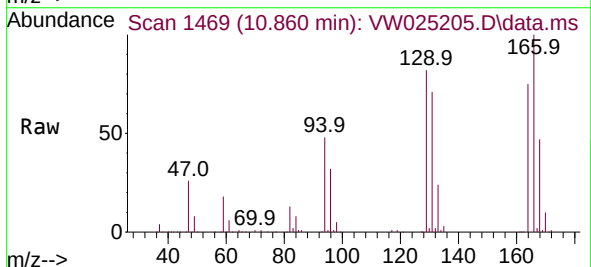
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.3	82.3
83	85.9	61.3	113.9
85	53.9	40.5	75.1

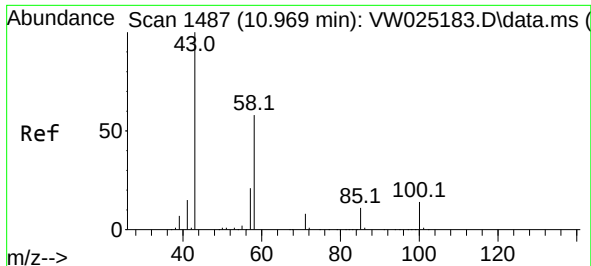


#46
Tetrachloroethene
Concen: 21.291 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 164 Resp: 153156

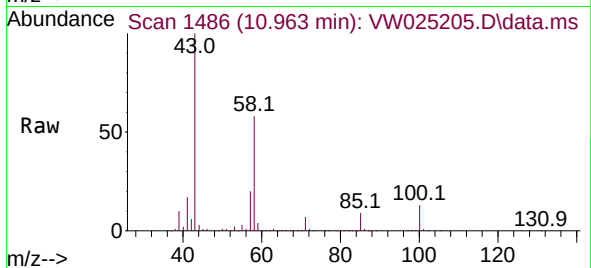
Ion	Ratio	Lower	Upper
164	100		
129	109.5	73.4	136.4
131	95.0	70.8	131.4
166	134.1	88.3	164.1



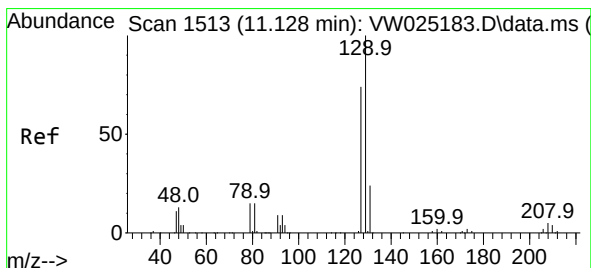
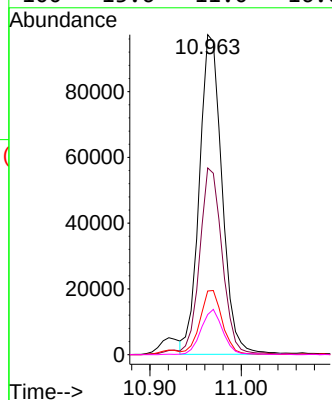
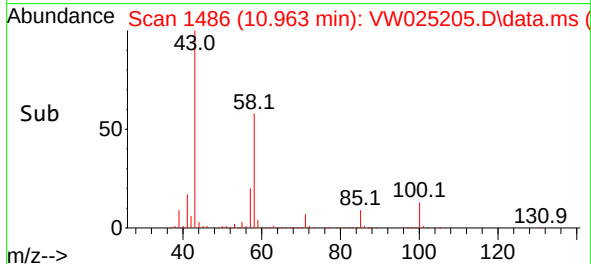


#48
2-Hexanone
Concen: 49.047 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

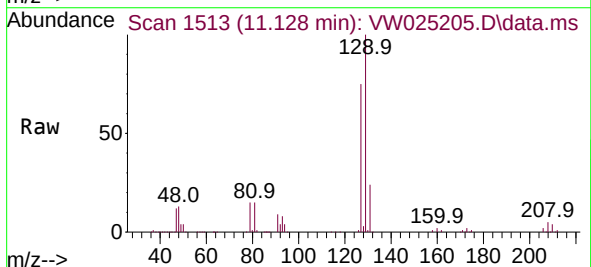
Instrument :
MSVOA_W
ClientSampleId :



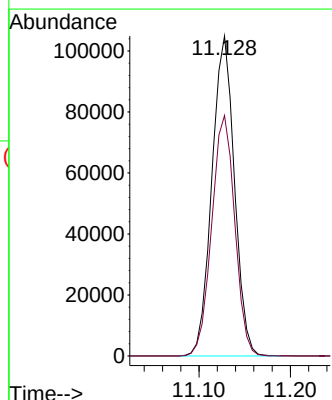
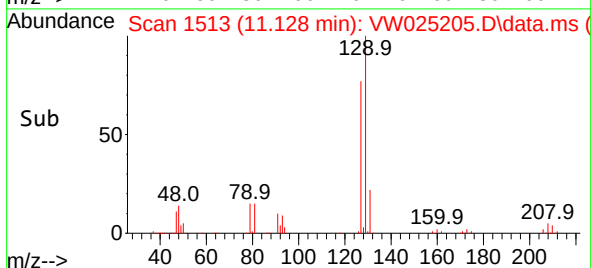
Tgt Ion: 43 Resp: 167095
Ion Ratio Lower Upper
43 100
58 58.1 46.6 69.8
57 19.9 16.7 25.1
100 13.6 11.0 16.6

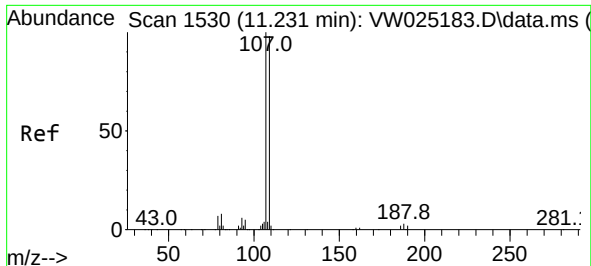


#49
Dibromochloromethane
Concen: 23.012 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31



Tgt Ion: 129 Resp: 179449
Ion Ratio Lower Upper
129 100
127 75.1 49.7 92.3





#50

1,2-Dibromoethane

Concen: 24.296 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

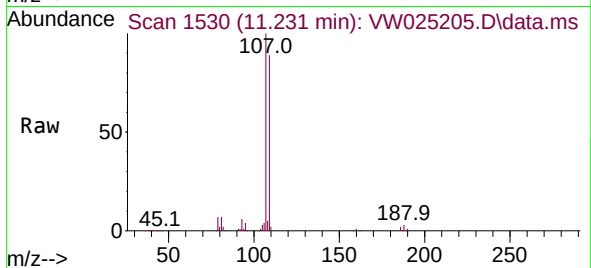
Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :



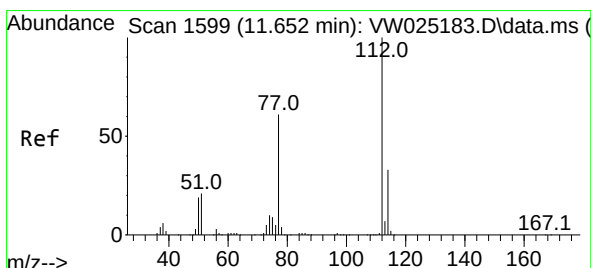
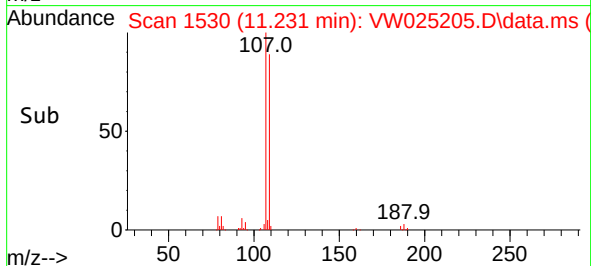
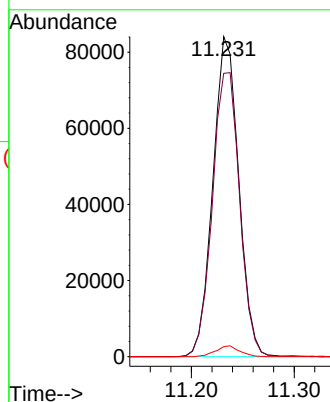
Tgt Ion:107 Resp: 146876

Ion Ratio Lower Upper

107 100

109 88.5 66.8 124.2

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 23.048 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

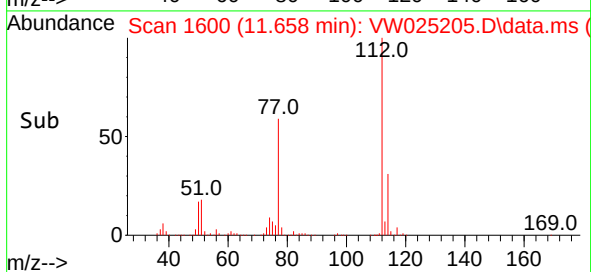
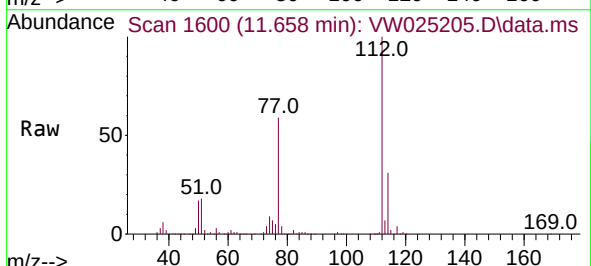
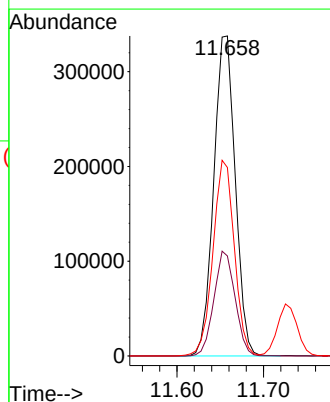
Tgt Ion:112 Resp: 582985

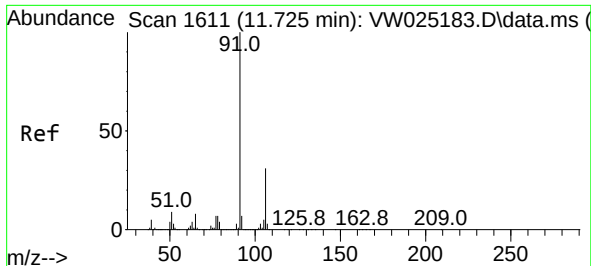
Ion Ratio Lower Upper

112 100

114 31.2 23.2 43.2

77 58.9 47.2 70.8

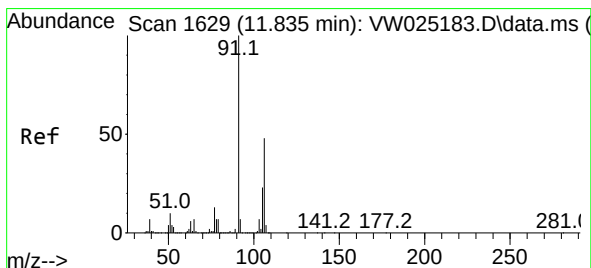
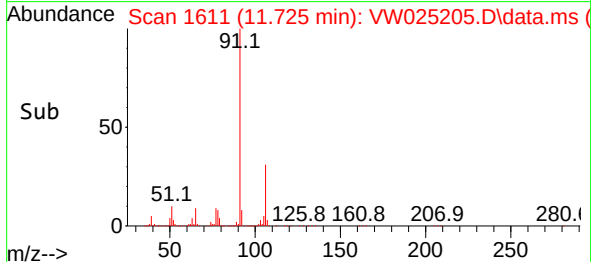
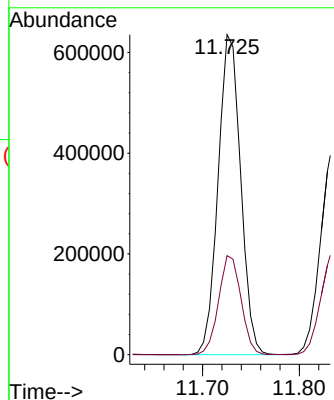
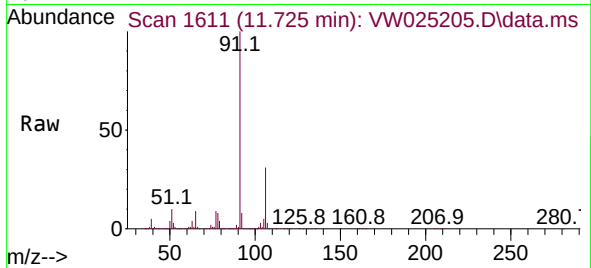




#52
Ethylbenzene
Concen: 22.956 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

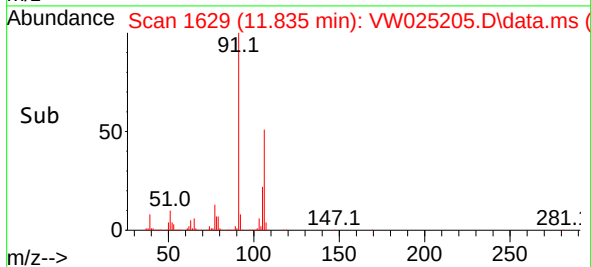
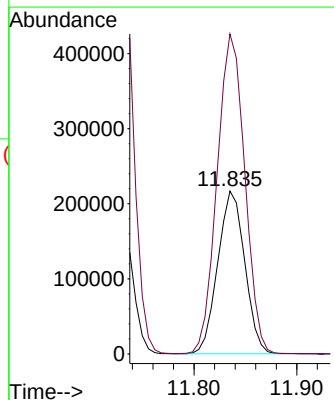
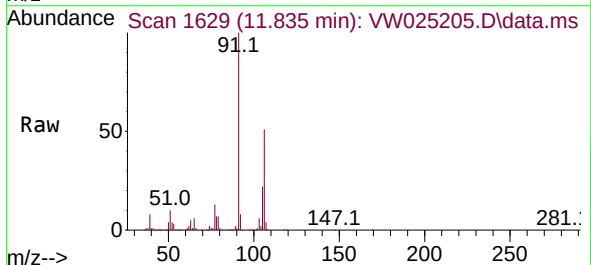
Instrument :
MSVOA_W
ClientSampleId :

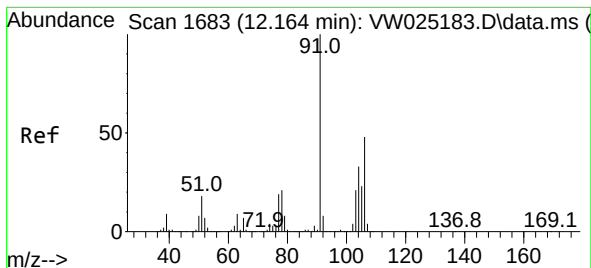
Tgt Ion: 91 Resp: 1028228
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 23.120 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion:106 Resp: 395478
Ion Ratio Lower Upper
106 100
91 196.5 139.7 259.4





#54

o-Xylene

Concen: 23.203 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

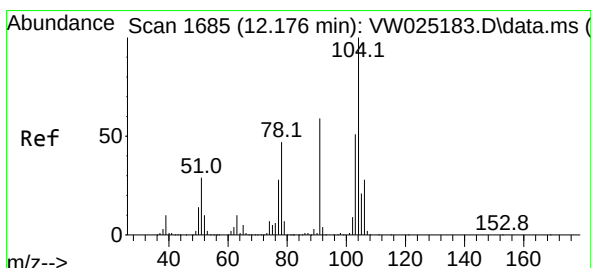
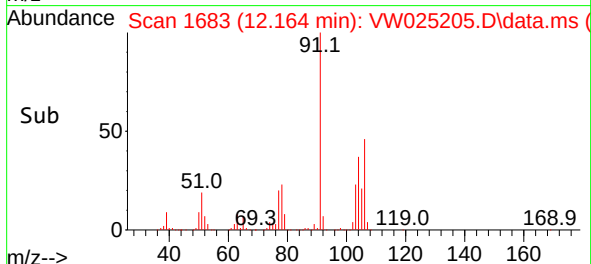
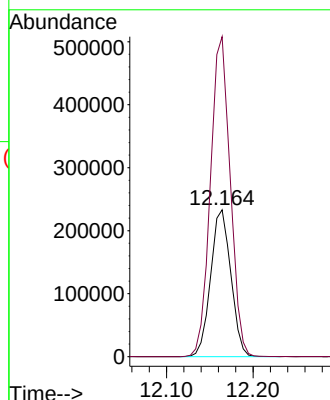
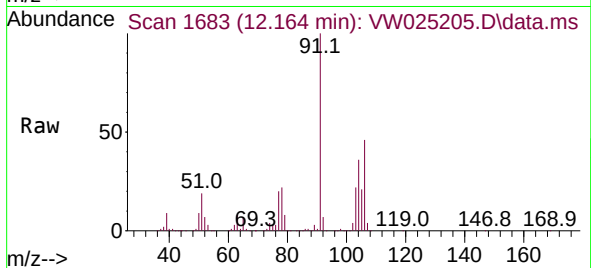
ClientSampleId :

Tgt Ion:106 Resp: 378266

Ion Ratio Lower Upper

106 100

91 217.9 148.8 276.4



#55

Styrene

Concen: 23.430 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025205.D

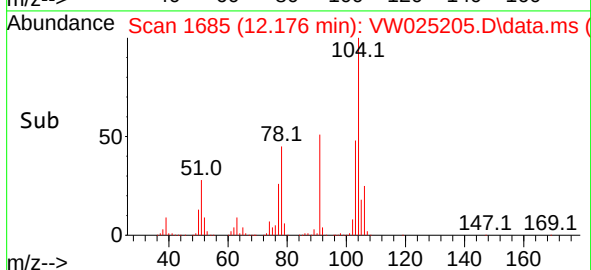
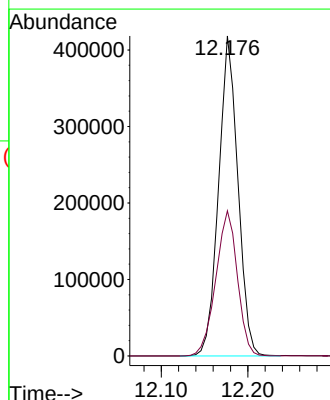
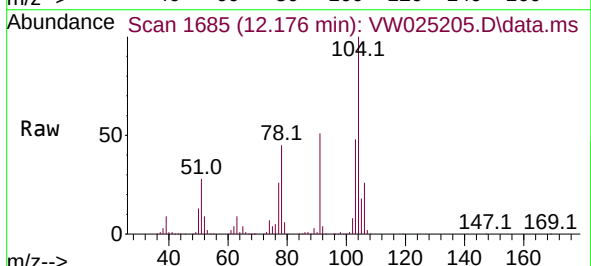
Acq: 23 Dec 2022 18:31

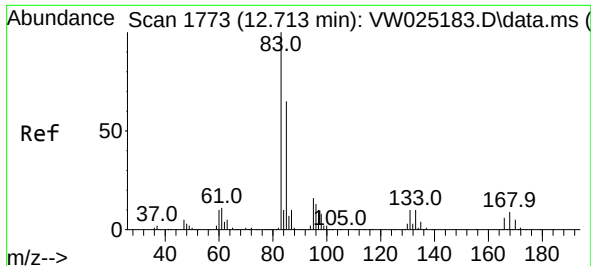
Tgt Ion:104 Resp: 646858

Ion Ratio Lower Upper

104 100

78 45.4 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 24.560 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :

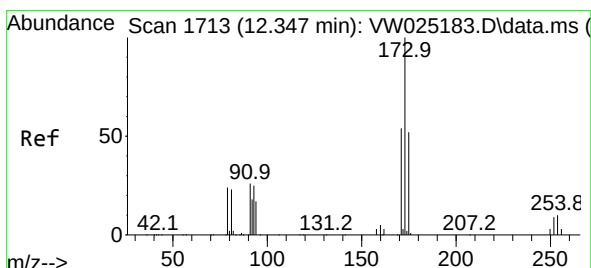
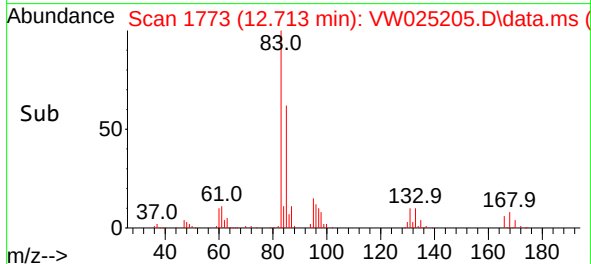
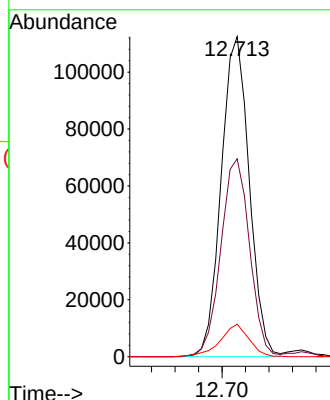
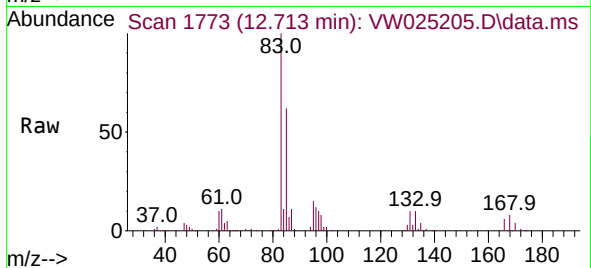
Tgt Ion: 83 Resp: 186493

Ion Ratio Lower Upper

83 100

85 61.9 46.8 87.0

131 10.1 8.2 12.2



#59

Bromoform

Concen: 25.125 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

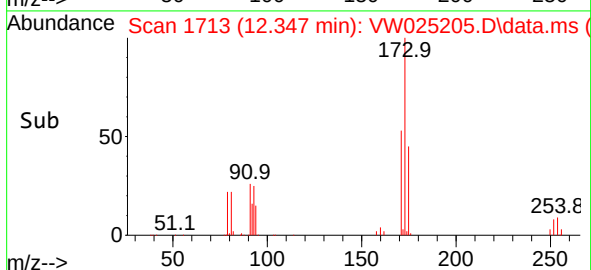
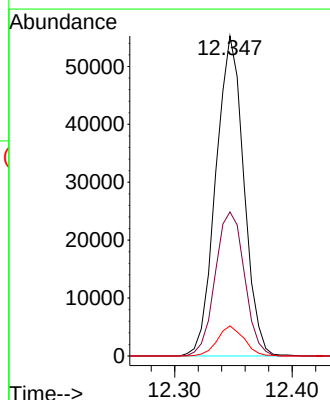
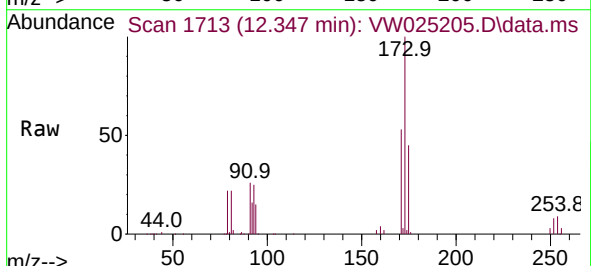
Tgt Ion:173 Resp: 91510

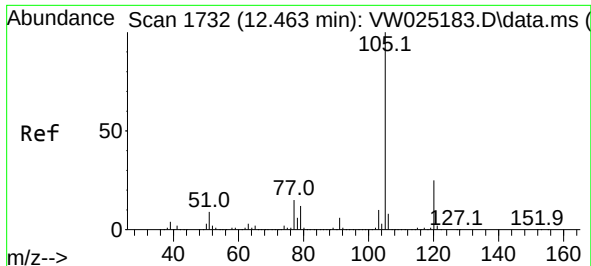
Ion Ratio Lower Upper

173 100

175 46.9 37.4 56.0

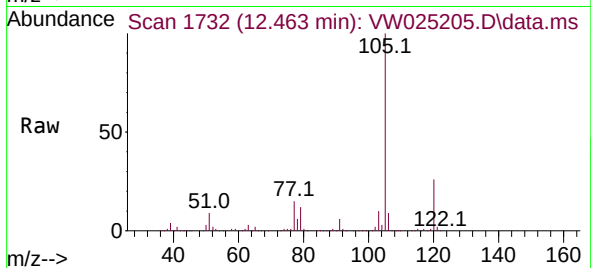
254 8.9 6.8 10.2



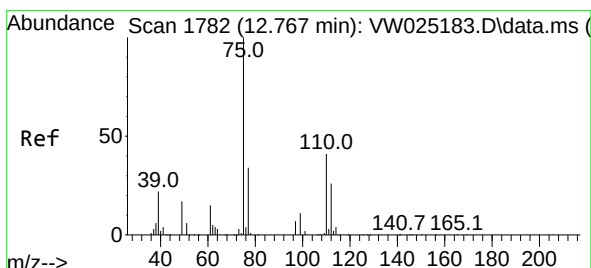
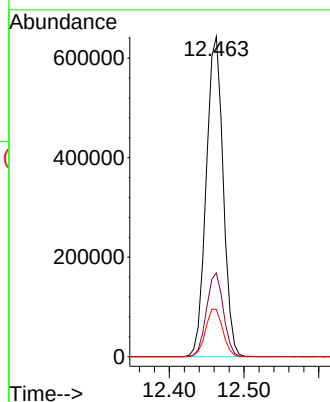
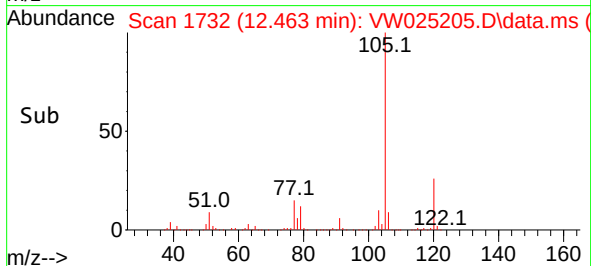


#60
Isopropylbenzene
Concen: 24.832 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

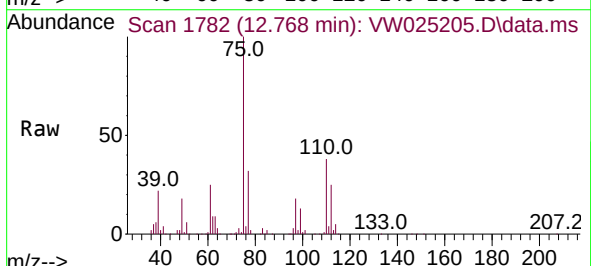
Instrument :
MSVOA_W
ClientSampleId :



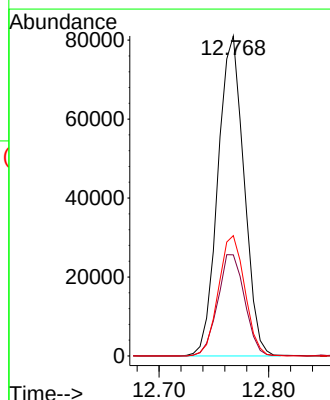
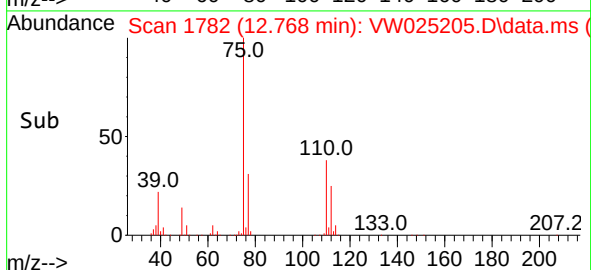
Tgt Ion:105 Resp: 1009519
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 15.3 12.6 19.0

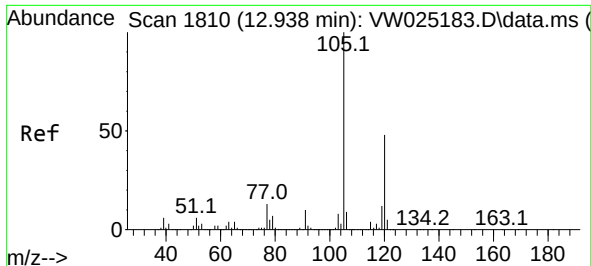


#61
1,2,3-Trichloropropane
Concen: 26.287 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31



Tgt Ion: 75 Resp: 134010
Ion Ratio Lower Upper
75 100
77 32.7 26.6 40.0
110 37.9 31.7 47.5

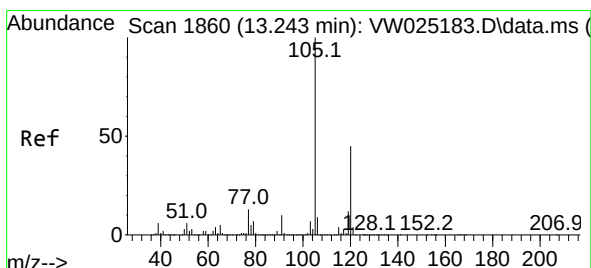
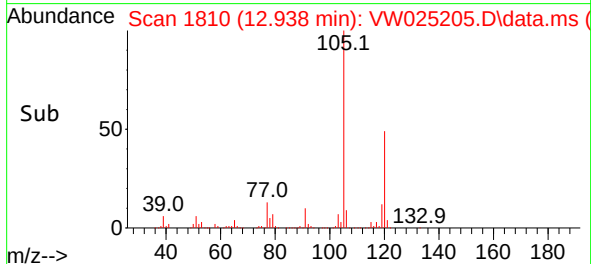
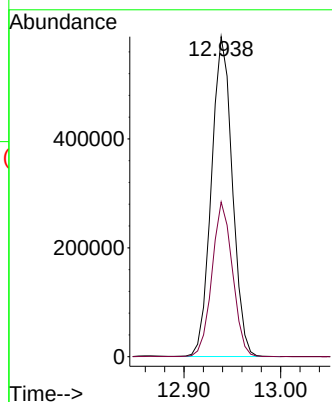
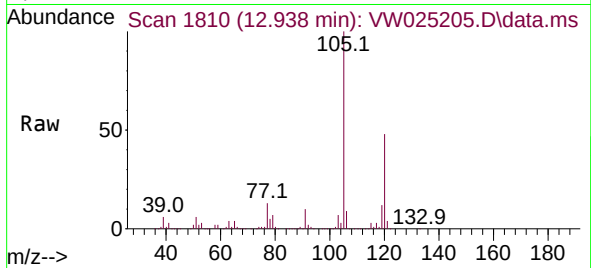




#62
1,3,5-Trimethylbenzene
Concen: 25.326 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

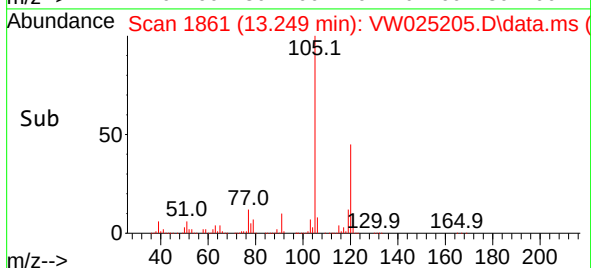
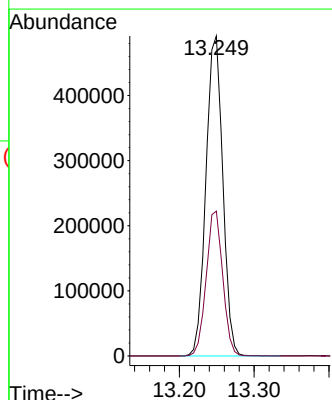
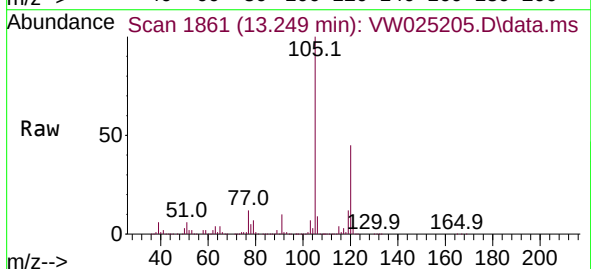
Instrument :
MSVOA_W
ClientSampleId :

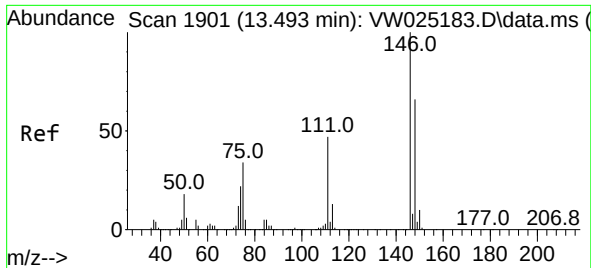
Tgt Ion:105 Resp: 881920
Ion Ratio Lower Upper
105 100
120 47.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 22.748 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion:105 Resp: 769581
Ion Ratio Lower Upper
105 100
120 44.4 36.1 54.1

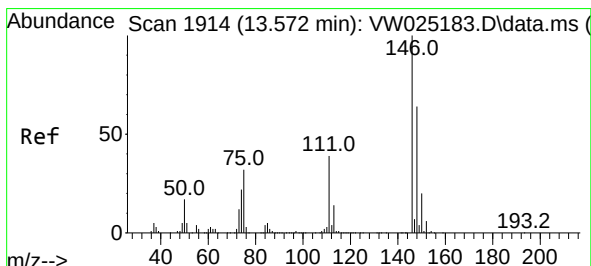
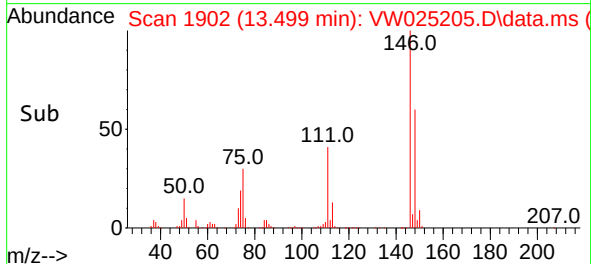
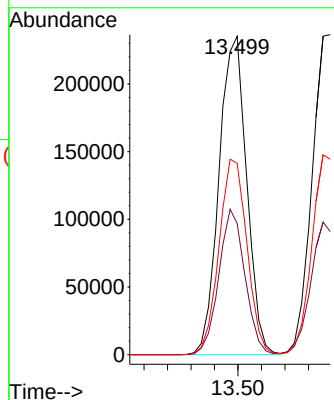
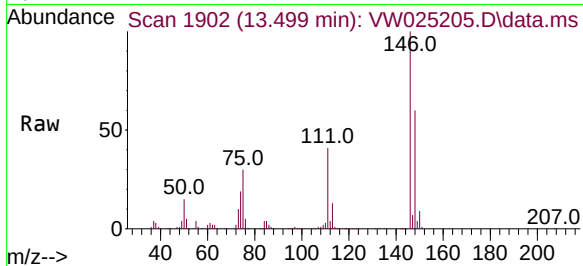




#64
1,3-Dichlorobenzene
Concen: 23.107 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

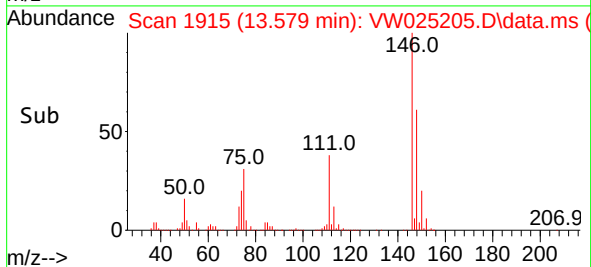
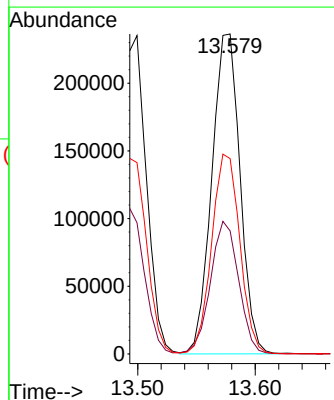
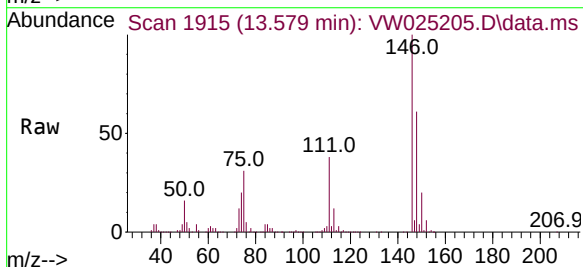
Instrument :
MSVOA_W
ClientSampleId :

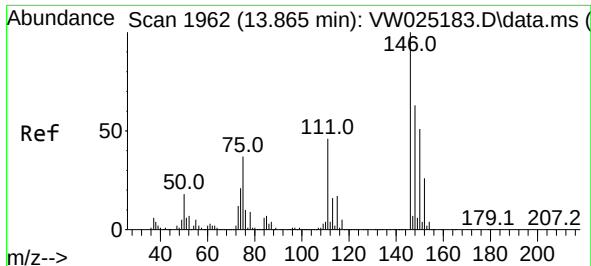
Tgt Ion:146 Resp: 384588
Ion Ratio Lower Upper
146 100
111 41.2 30.2 56.0
148 60.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 23.575 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion:146 Resp: 395143
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 61.0 41.6 77.3

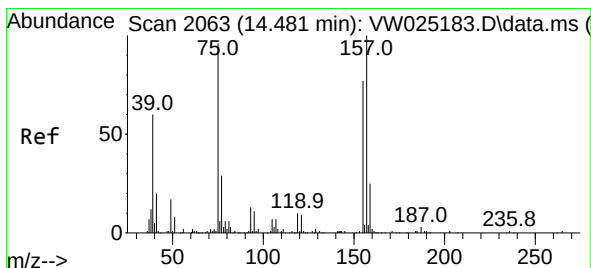
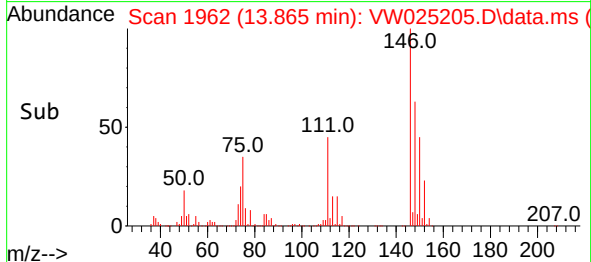
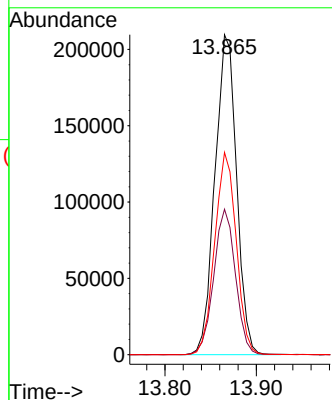
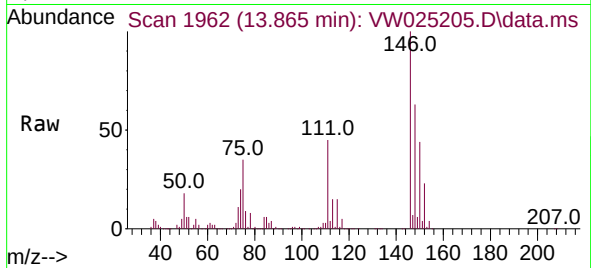




#67
1,2-Dichlorobenzene
Concen: 23.822 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

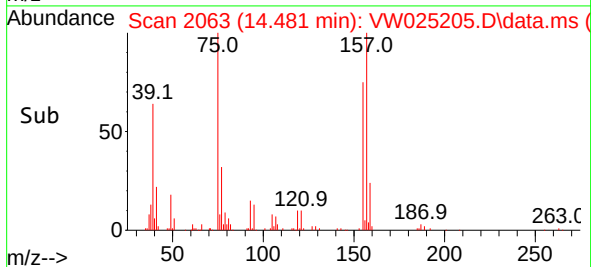
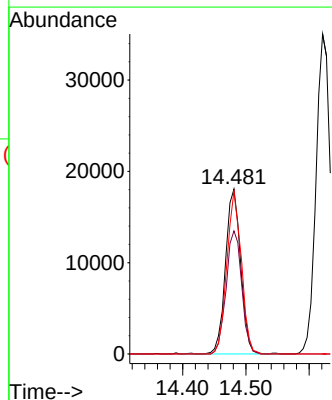
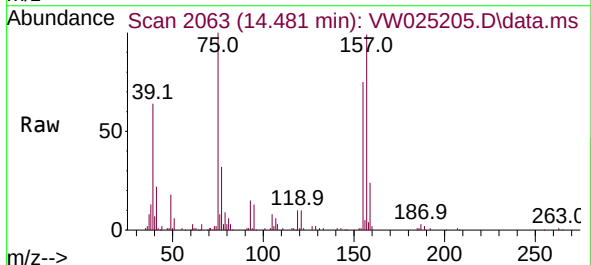
Instrument :
MSVOA_W
ClientSampleId :

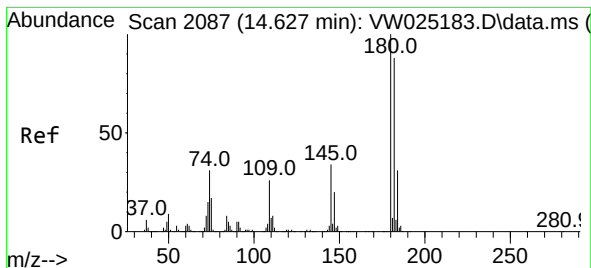
Tgt Ion:146 Resp: 345763
Ion Ratio Lower Upper
146 100
111 45.4 34.3 51.5
148 63.2 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 25.201 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion: 75 Resp: 29954
Ion Ratio Lower Upper
75 100
155 74.7 60.3 90.5
157 98.8 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 24.002 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

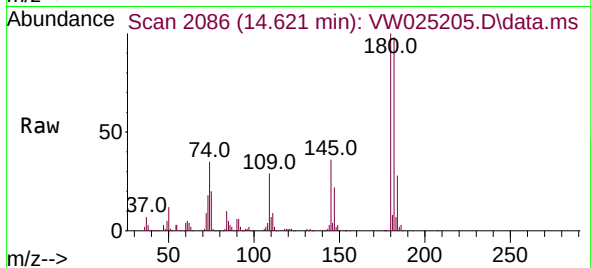
Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 283645

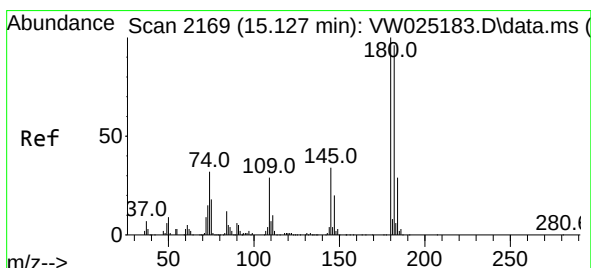
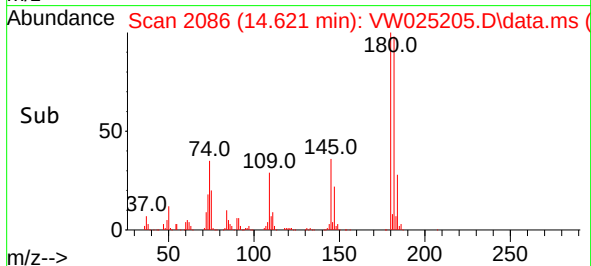
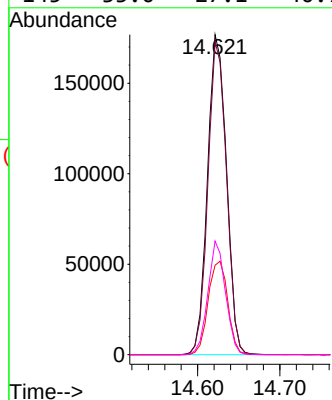
Ion Ratio Lower Upper

180 100

182 95.8 77.8 116.6

184 30.1 24.3 36.5

145 33.0 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 25.577 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025205.D

Acq: 23 Dec 2022 18:31

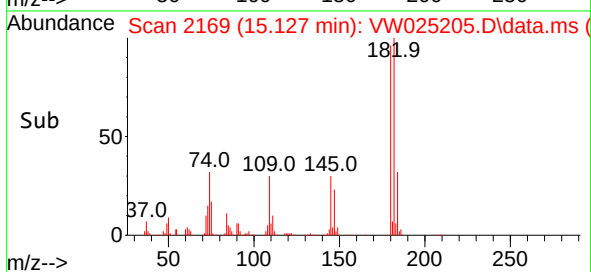
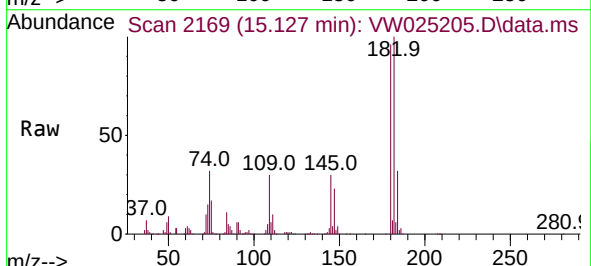
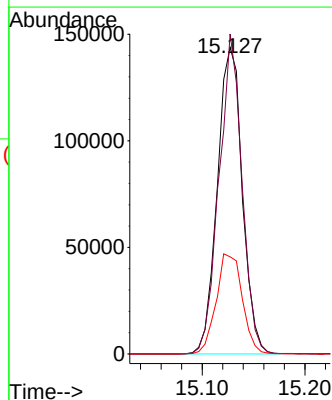
Tgt Ion:180 Resp: 242525

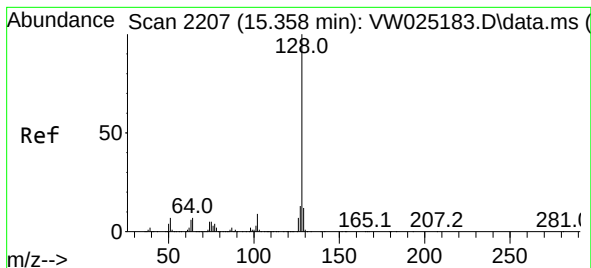
Ion Ratio Lower Upper

180 100

182 95.9 77.2 115.8

145 34.1 26.9 40.3

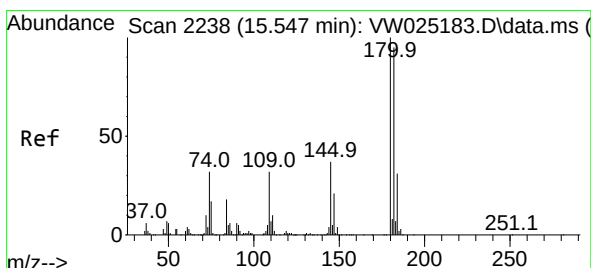
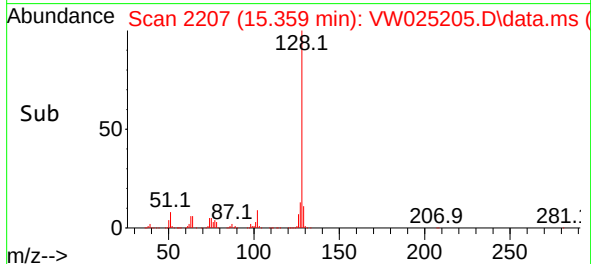
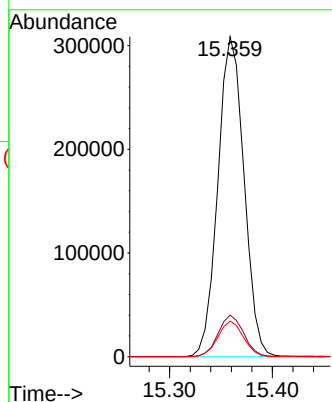
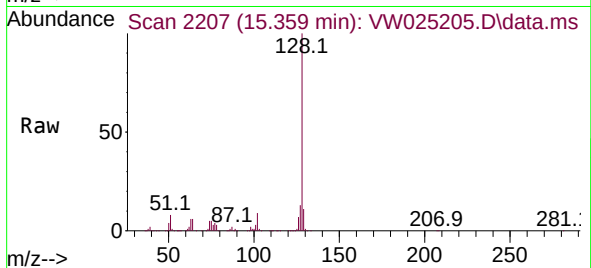




#71
Naphthalene
Concen: 29.273 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 544144
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 26.822 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW025205.D
Acq: 23 Dec 2022 18:31

Tgt Ion:180 Resp: 222882
Ion Ratio Lower Upper
180 100
182 91.5 76.4 114.6
145 35.0 29.6 44.4

