

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025193.D
 Acq On : 23 Dec 2022 13:41
 Operator : SY/MD
 Sample : N6171-04MSRE
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 22:01:49 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	625391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	474335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151776	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	147547	20.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
7) Chloroethane-d5	2.879	69	106433	22.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	4.019	63	362978	22.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.920%
21) 2-Butanone-d5	7.074	46	155637	85.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.980%#
24) Chloroform-d	7.647	84	405928	25.146	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.305	65	224389	27.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.640%
32) Benzene-d6	8.275	84	815888	29.330	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.320%
36) 1,2-Dichloropropane-d6	9.275	67	255481	31.564	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.240%#
41) Toluene-d8	10.323	98	688718	27.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.240%
43) trans-1,3-Dichloroprop...	10.573	79	99799	29.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.760%
47) 2-Hexanone-d5	10.921	63	125345	105.551	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	211.100%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	208276	34.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.400%#
66) 1,2-Dichlorobenzene-d4	13.853	152	134927	26.228	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	88850	23.442	ug/L	97
3) Chloromethane	2.215	50	129158	19.353	ug/L	95
5) Vinyl chloride	2.355	62	156783	18.779	ug/L	100
6) Bromomethane	2.782	94	85647	19.798	ug/L	98
8) Chloroethane	2.916	64	77325	20.025	ug/L	100
9) Trichlorofluoromethane	3.257	101	122645	19.603	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	177831	21.517	ug/L	97
12) 1,1-Dichloroethene	4.038	96	170509	21.640	ug/L	96
13) Acetone	4.117	43	111461	59.910	ug/L	96
14) Carbon disulfide	4.385	76	460185	18.295	ug/L	100
15) Methyl Acetate	4.672	43	96705	31.846	ug/L	98
16) Methylene chloride	4.916	84	200731	20.536	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	173081	20.721	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	330341	26.653	ug/L	98
19) 1,1-Dichloroethane	6.214	63	336460	22.293	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	202307	22.906	ug/L	92
22) 2-Butanone	7.171	43	143300	61.224	ug/L	99
23) Bromochloromethane	7.513	128	91273	24.421	ug/L	97
25) Chloroform	7.671	83	333866	21.859	ug/L	100

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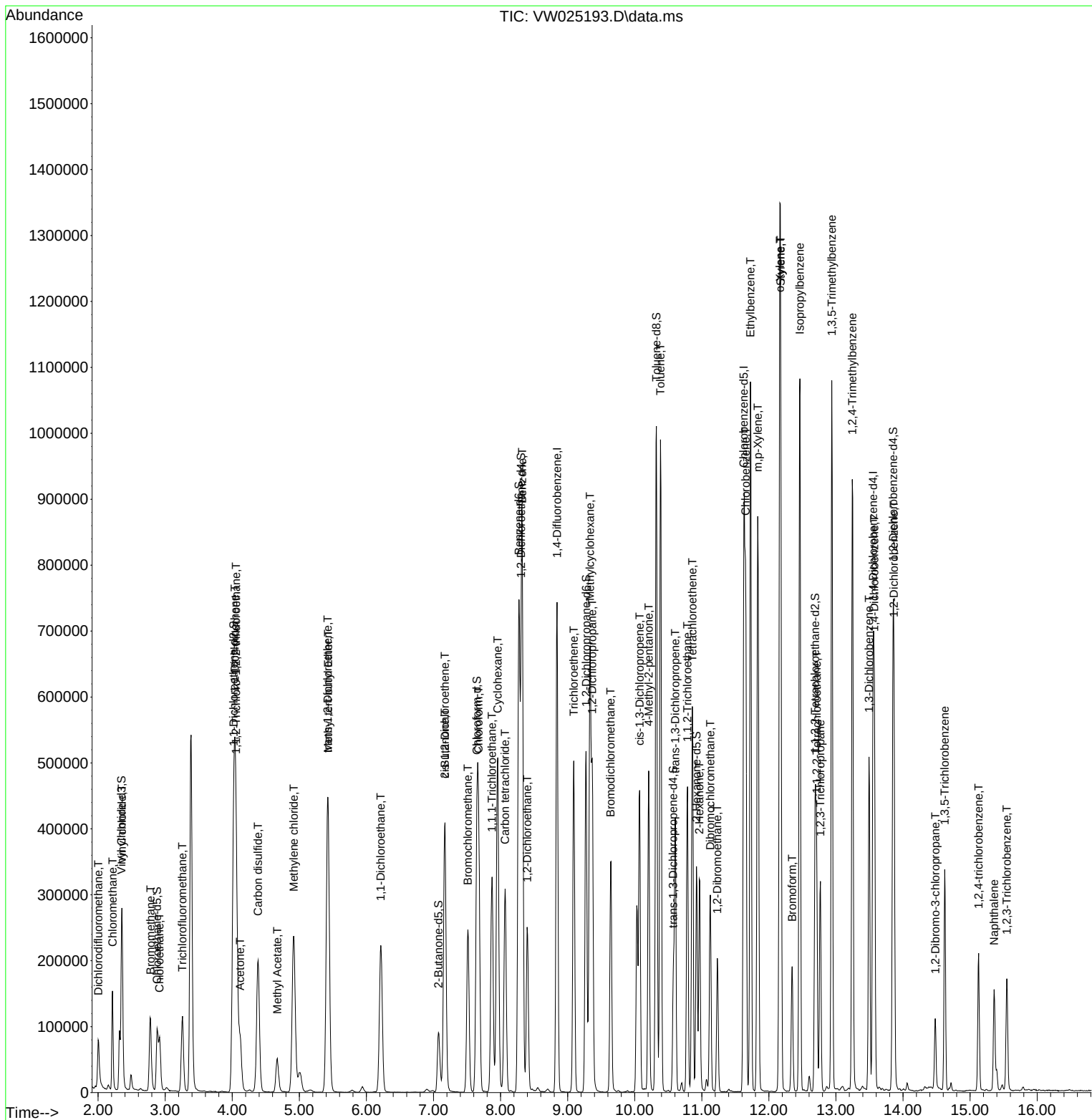
Instrument :
 MSVOA_W
 ClientSampleId :

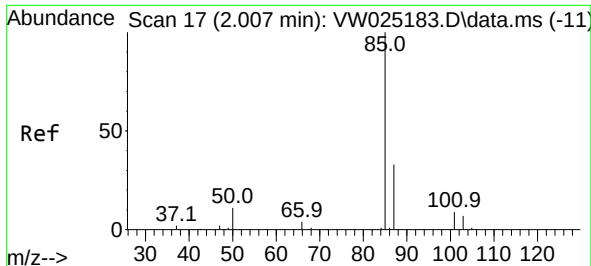
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	226581	23.562	ug/L	99
29) Cyclohexane	7.958	56	301036	25.063	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	269703	24.087	ug/L	99
31) Carbon tetrachloride	8.067	117	236387	22.960	ug/L	99
33) Benzene	8.323	78	750248	25.533	ug/L	100
34) Trichloroethene	9.092	95	183385	23.826	ug/L	97
35) Methylcyclohexane	9.335	83	293541	21.501	ug/L	99
37) 1,2-Dichloropropane	9.366	63	193491	27.302	ug/L	99
38) Bromodichloromethane	9.640	83	243660	26.025	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	286833	26.488	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	303346	83.497	ug/L	98
42) Toluene	10.384	91	738577	23.990	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	235703	25.416	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	148243	29.311	ug/L	95
46) Tetrachloroethene	10.860	164	129170	23.054	ug/L	97
48) 2-Hexanone	10.963	43	205711	77.520	ug/L	98
49) Dibromochloromethane	11.128	129	164745	27.123	ug/L	100
50) 1,2-Dibromoethane	11.231	107	138535	29.420	ug/L	98
51) Chlorobenzene	11.652	112	407791	20.697	ug/L	99
52) Ethylbenzene	11.725	91	767033	21.985	ug/L	97
53) m,p-Xylene	11.835	106	280273	21.035	ug/L	92
54) o-Xylene	12.164	106	279367	22.001	ug/L	99
55) Styrene	12.176	104	377622	17.560	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	178385	30.160	ug/L	99
59) Bromoform	12.347	173	84126	40.363	ug/L	97
60) Isopropylbenzene	12.463	105	741125	31.856	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	133479	45.754	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	580501	29.130	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	535888	27.681	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	200430	21.044	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	198584	20.704	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	183062	22.040	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	28568	42.000	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	97723	14.450	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	59322	10.932	ug/L	98
71) Naphthalene	15.359	128	132944	12.498	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	55100	11.587	ug/L	98

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

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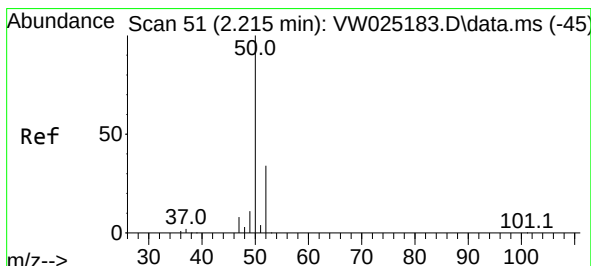
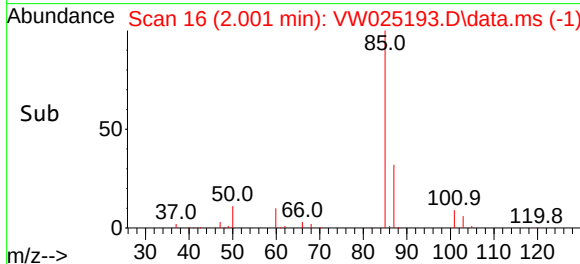
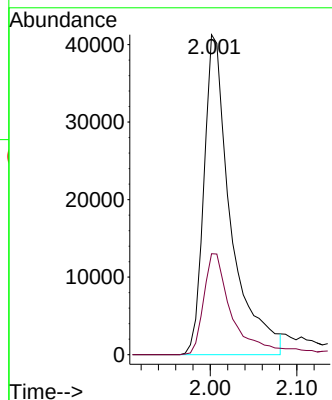
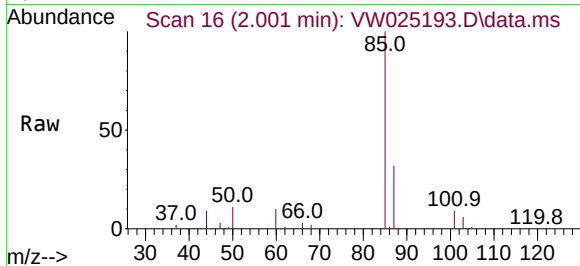




#2
 Dichlorodifluoromethane
 Concen: 23.442 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

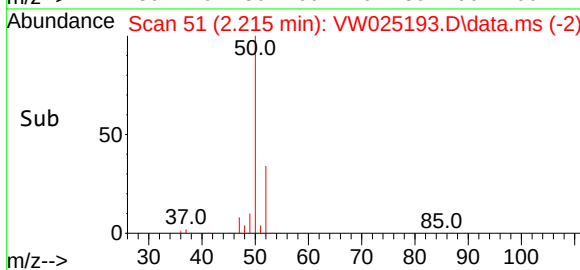
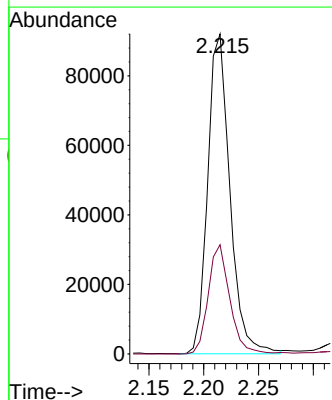
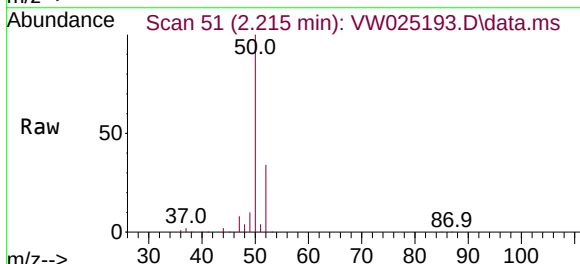
Instrument :
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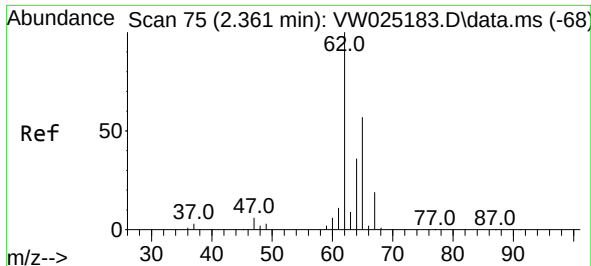
Tgt Ion: 85 Resp: 88850
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.0 37.6



#3
 Chloromethane
 Concen: 19.353 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

Tgt Ion: 50 Resp: 129158
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.1 41.1

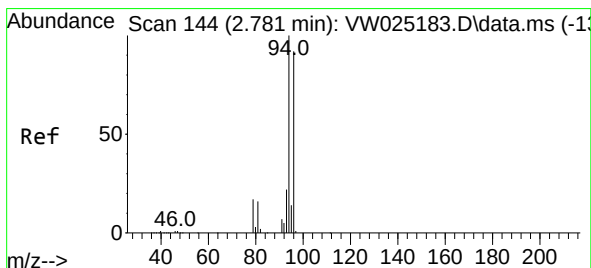
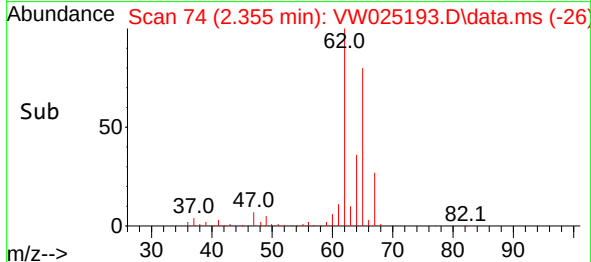
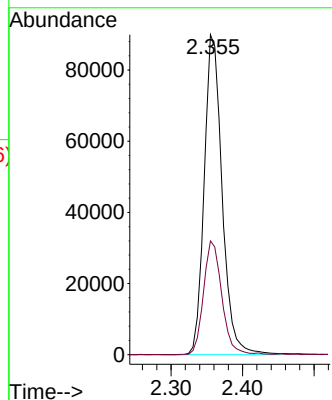
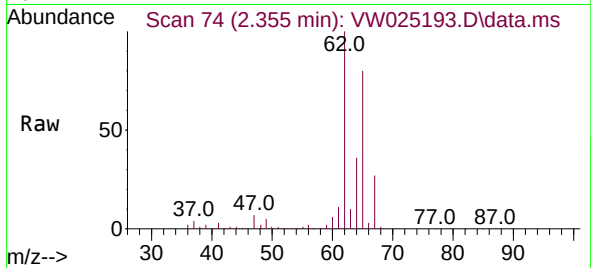




#5
 Vinyl chloride
 Concen: 18.779 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

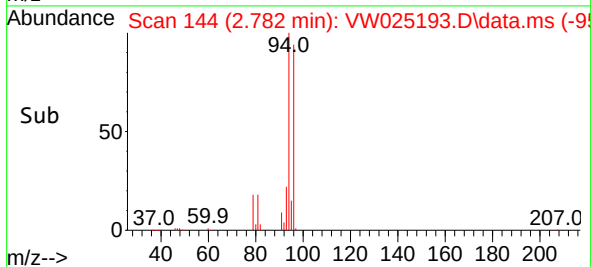
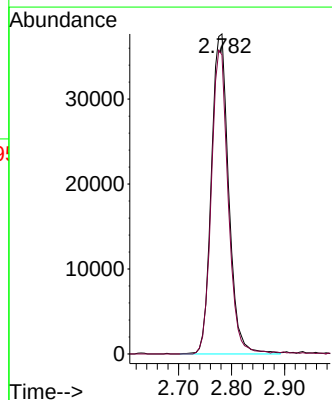
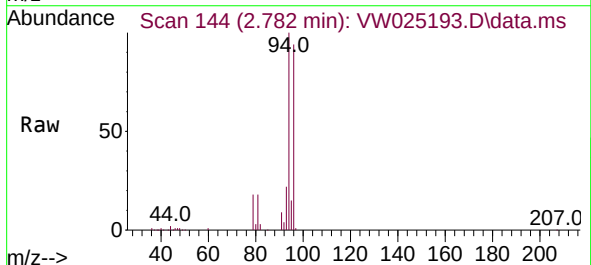
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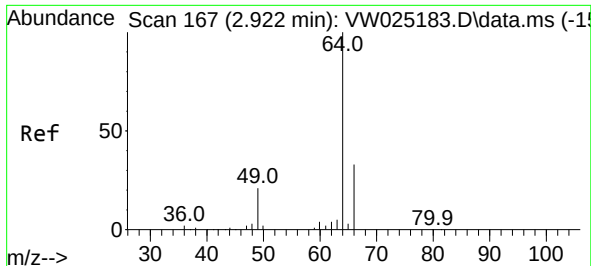
Tgt Ion: 62 Resp: 156783
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.8 46.1



#6
 Bromomethane
 Concen: 19.798 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

Tgt Ion: 94 Resp: 85647
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.7 123.9

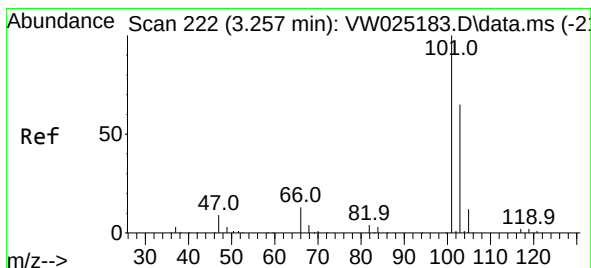
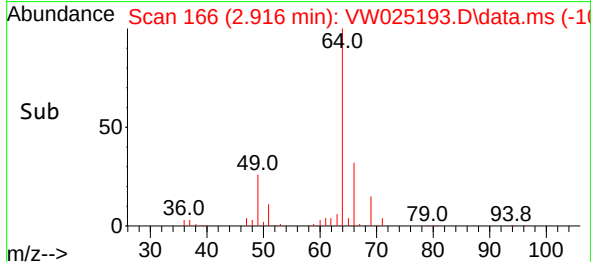
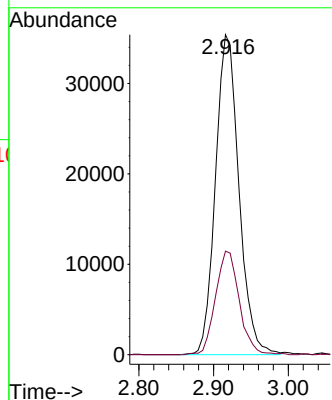
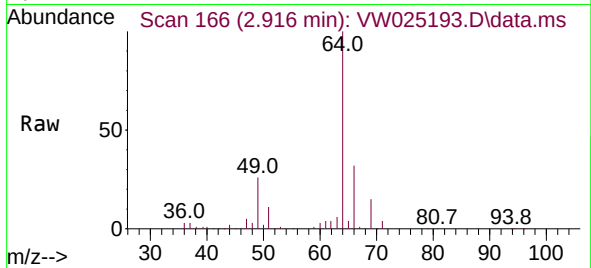




#8
Chloroethane
Concen: 20.025 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

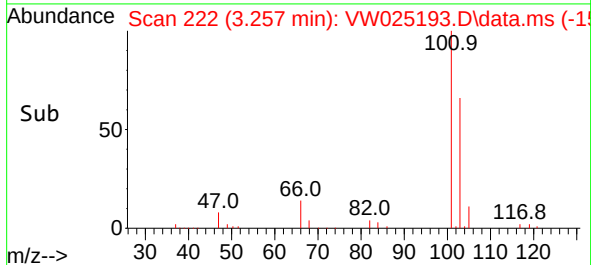
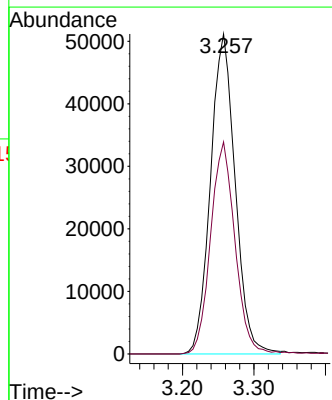
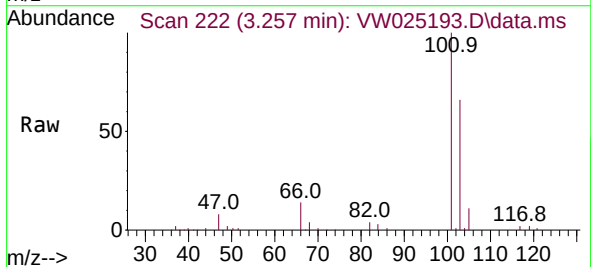
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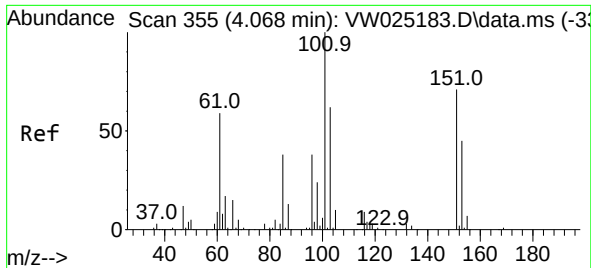
Tgt Ion: 64 Resp: 77325
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 19.603 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion:101 Resp: 122645
Ion Ratio Lower Upper
101 100
103 65.5 50.9 76.3

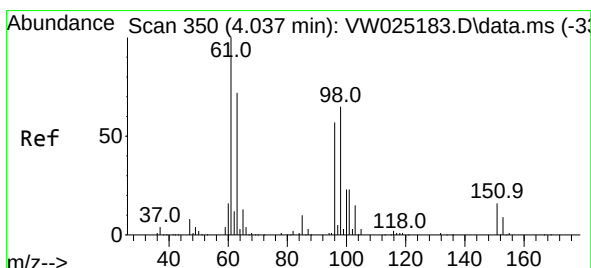
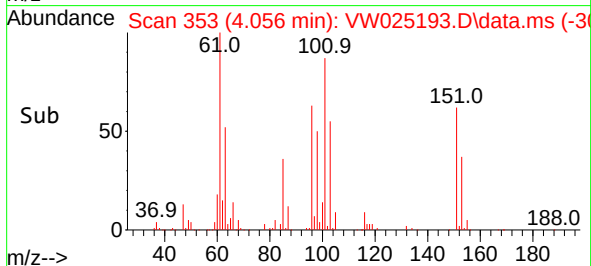
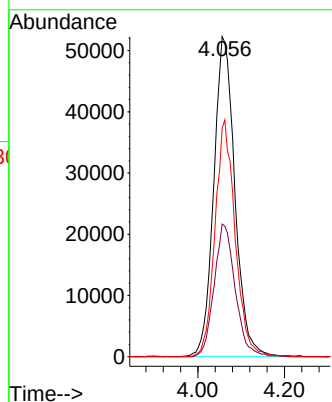
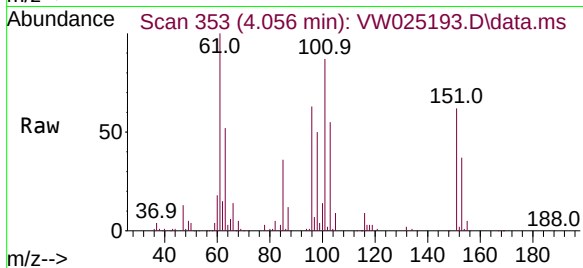




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.517 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

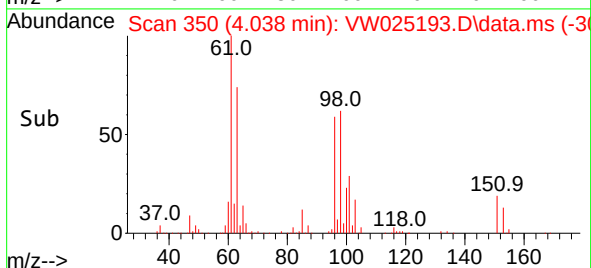
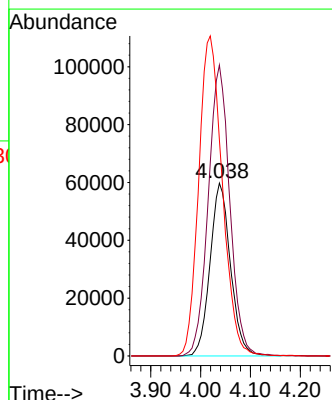
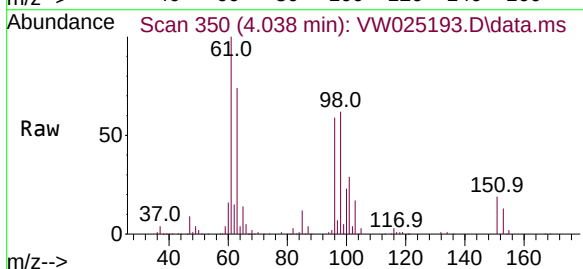
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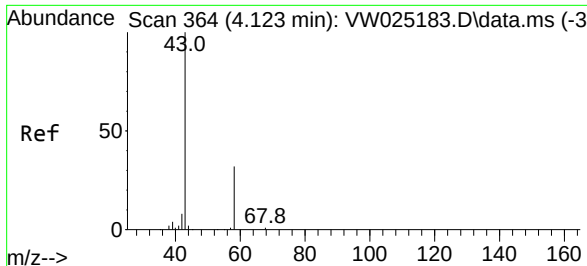
Tgt Ion:101 Resp: 177831
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.6 52.0
 151 70.2 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 21.640 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

Tgt Ion: 96 Resp: 170509
 Ion Ratio Lower Upper
 96 100
 61 168.3 120.8 224.4
 63 125.0 84.1 156.1

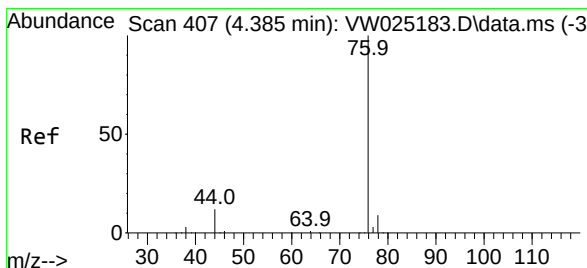
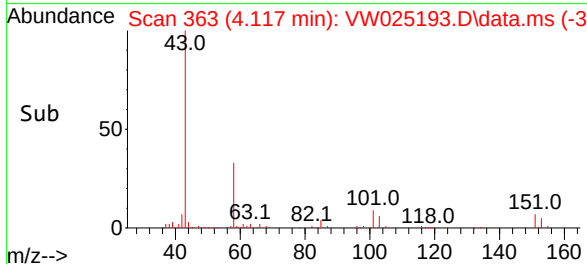
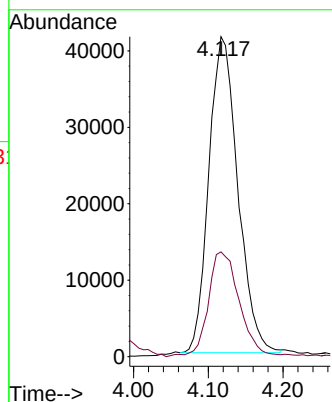
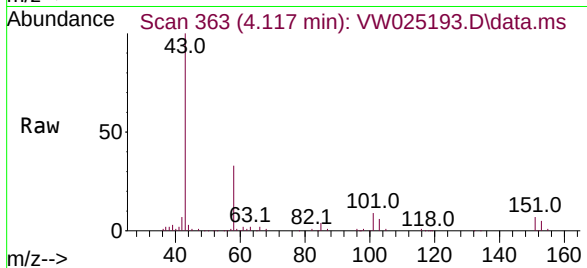




#13
Acetone
Concen: 59.910 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

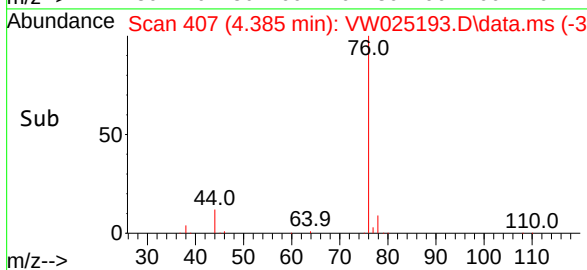
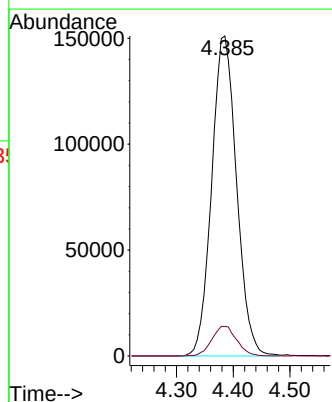
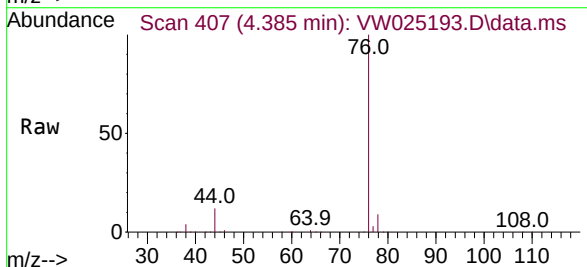
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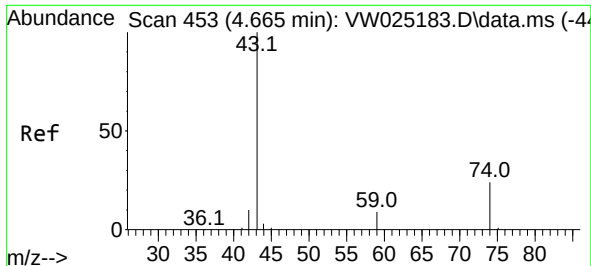
Tgt Ion: 43 Resp: 111461
Ion Ratio Lower Upper
43 100
58 35.1 0.0 65.2



#14
Carbon disulfide
Concen: 18.295 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 76 Resp: 460185
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

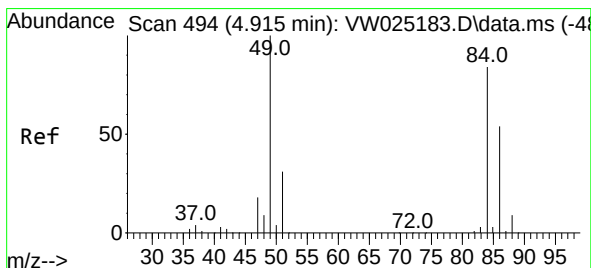
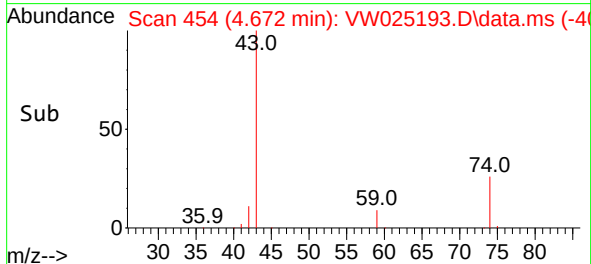
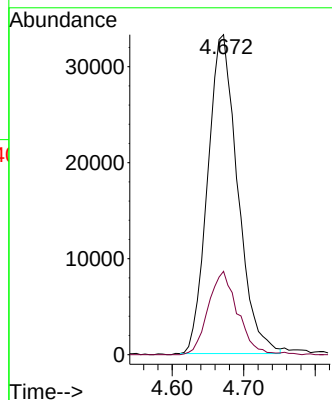
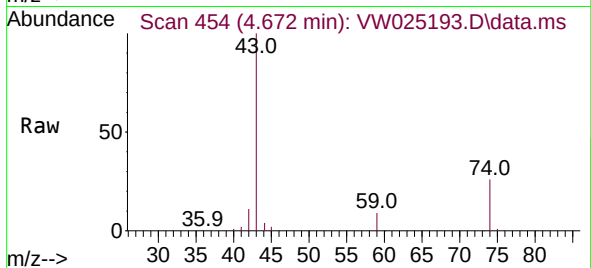




#15
Methyl Acetate
Concen: 31.846 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

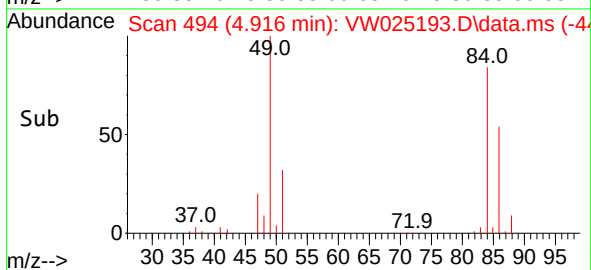
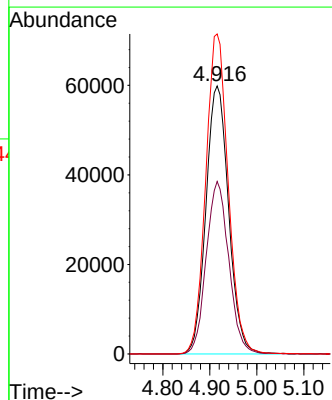
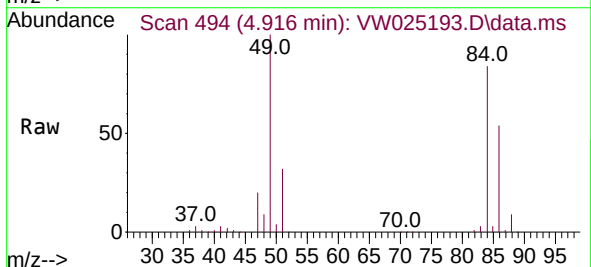
Instrument :
MSVOA_W
ClientSampleId :

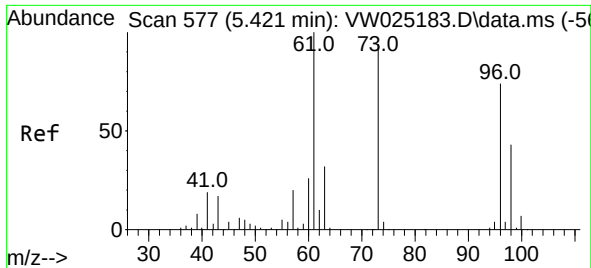
Tgt Ion: 43 Resp: 96705
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 20.536 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 84 Resp: 200731
Ion Ratio Lower Upper
84 100
86 64.4 45.0 83.6
49 119.4 86.3 160.3

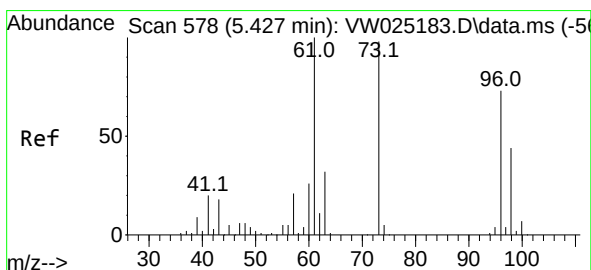
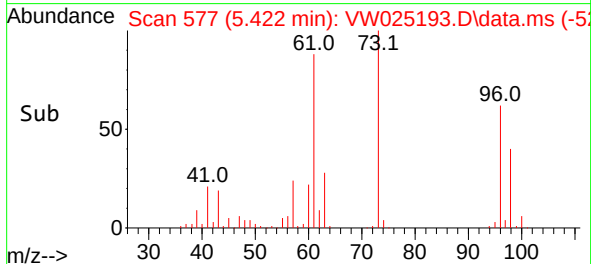
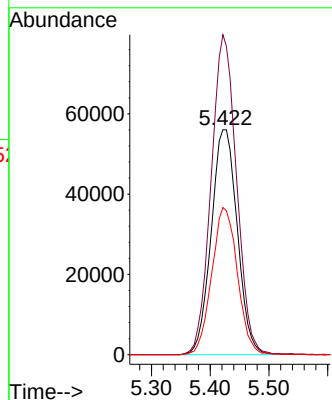
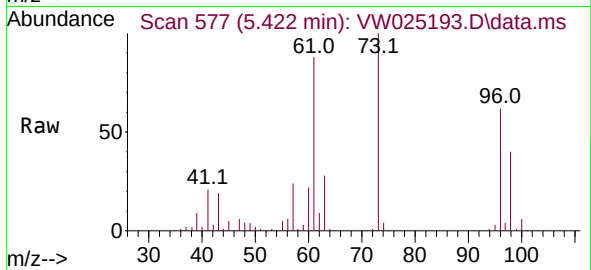




#17
trans-1,2-Dichloroethene
Concen: 20.721 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

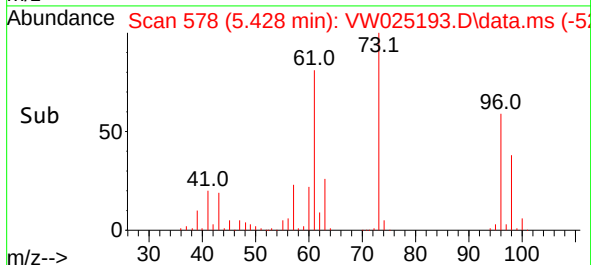
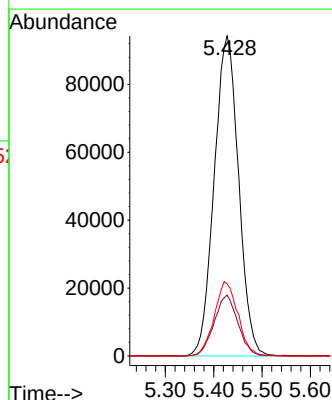
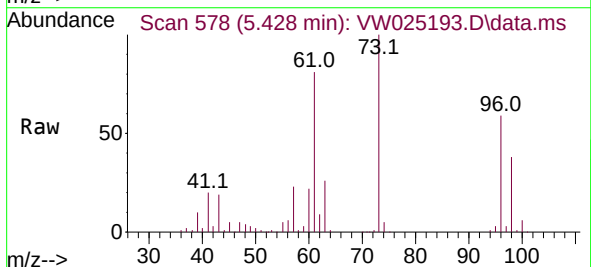
Instrument :
MSVOA_W
ClientSampleId :

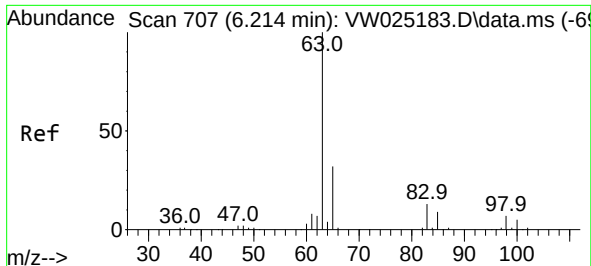
Tgt Ion: 96 Resp: 173081
Ion Ratio Lower Upper
96 100
61 142.3 95.5 177.3
98 65.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.653 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 73 Resp: 330341
Ion Ratio Lower Upper
73 100
43 18.5 15.6 23.4
57 22.5 17.5 26.3

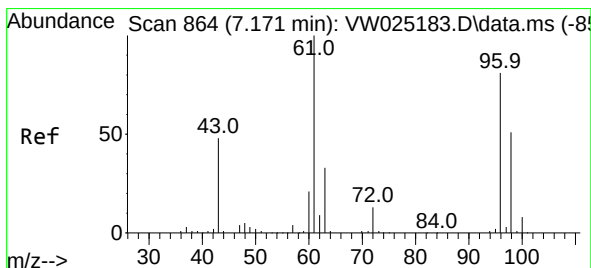
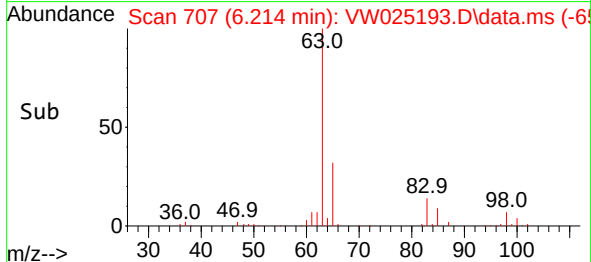
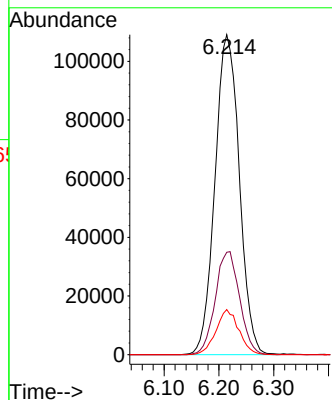
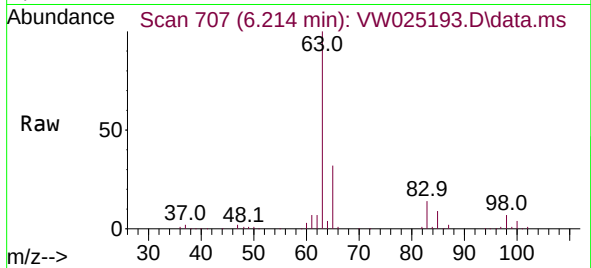




#19
1,1-Dichloroethane
Concen: 22.293 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

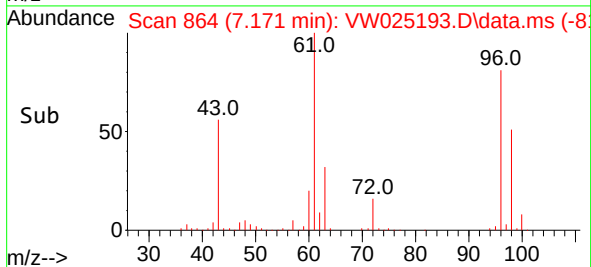
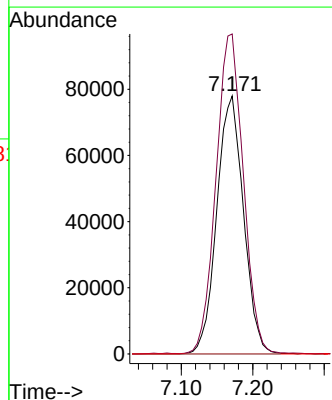
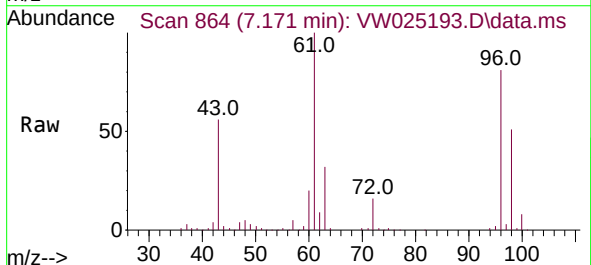
Instrument :
MSVOA_W
ClientSampleId :

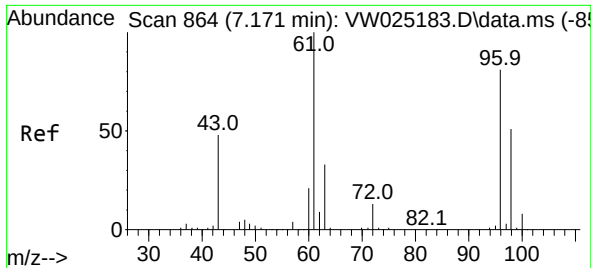
Tgt Ion: 63 Resp: 336460
Ion Ratio Lower Upper
63 100
65 32.0 22.2 41.2
83 14.1 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 22.906 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 96 Resp: 202307
Ion Ratio Lower Upper
96 100
61 124.0 93.7 173.9
68 0.0 0.0 0.0

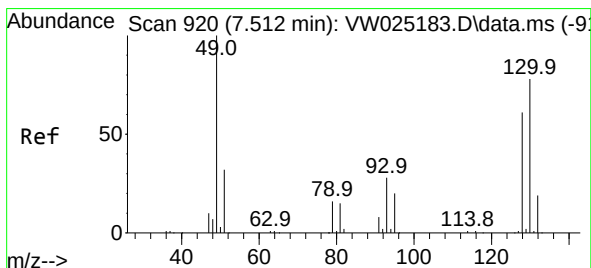
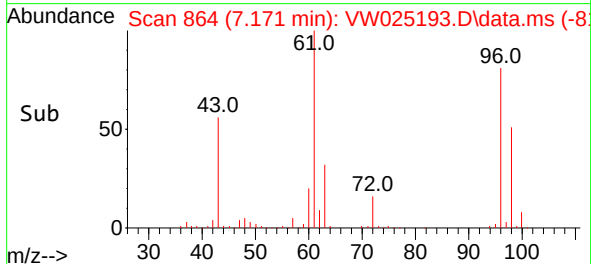
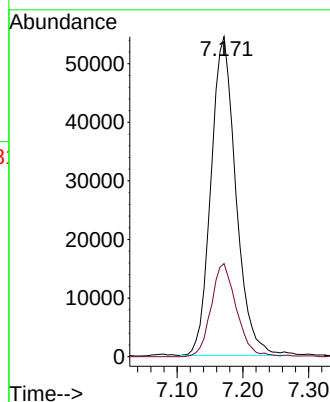
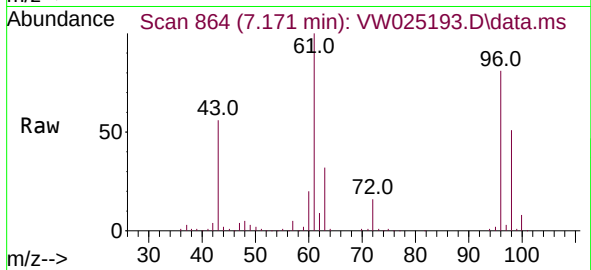




#22
2-Butanone
Concen: 61.224 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

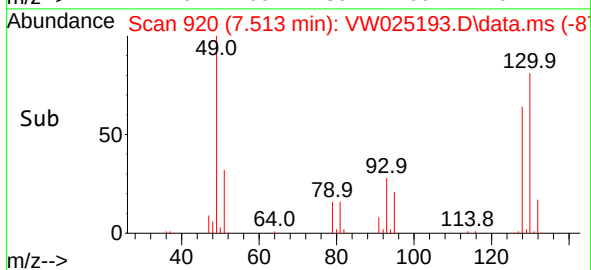
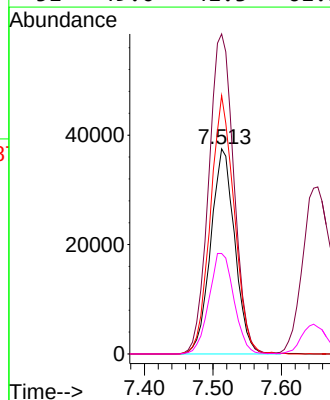
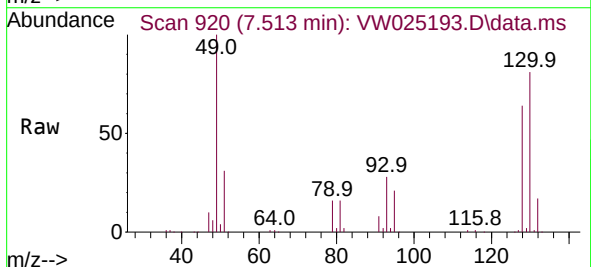
Instrument :
MSVOA_W
ClientSampleId :

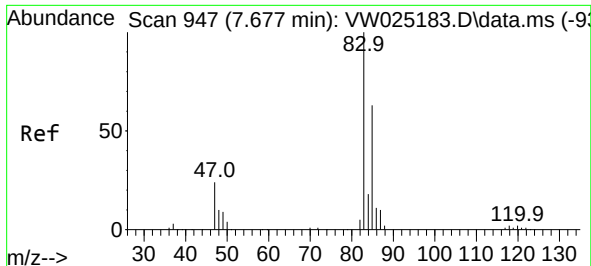
Tgt Ion: 43 Resp: 143300
Ion Ratio Lower Upper
43 100
72 29.6 15.0 45.0



#23
Bromochloromethane
Concen: 24.421 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion:128 Resp: 91273
Ion Ratio Lower Upper
128 100
49 156.1 114.1 211.9
130 126.1 89.0 165.2
51 49.0 41.3 61.9

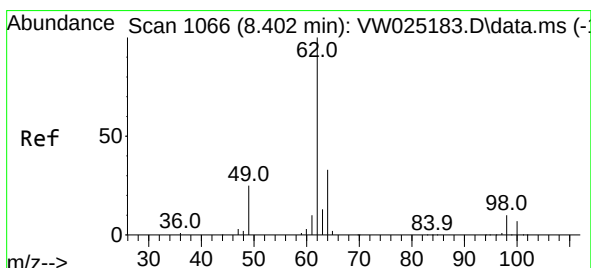
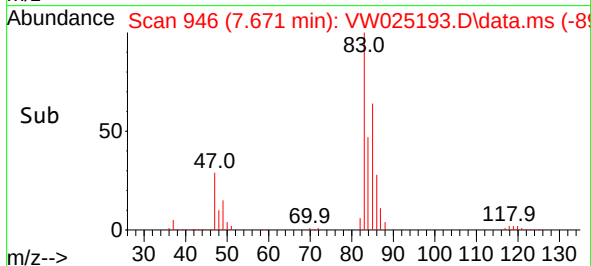
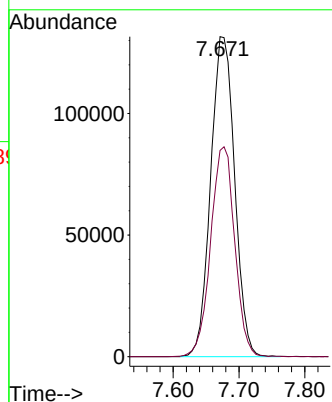
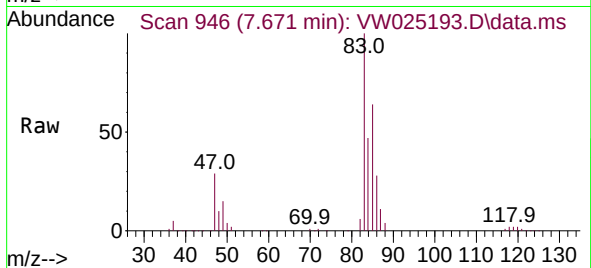




#25
Chloroform
Concen: 21.859 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

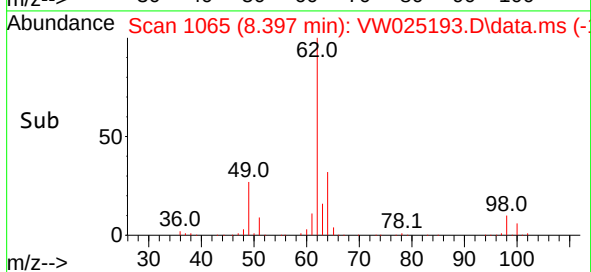
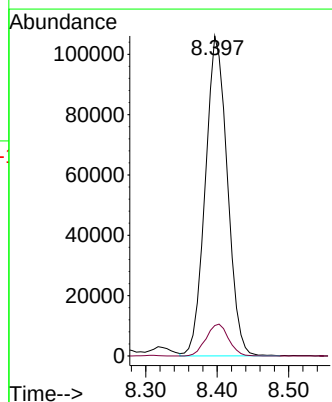
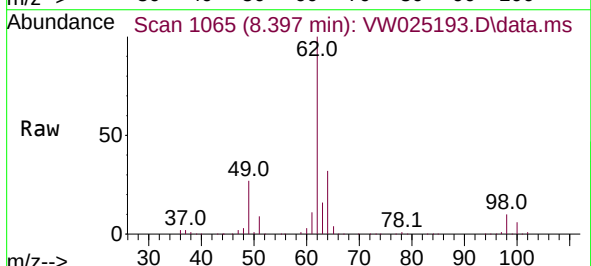
Instrument :
MSVOA_W
ClientSampleId :

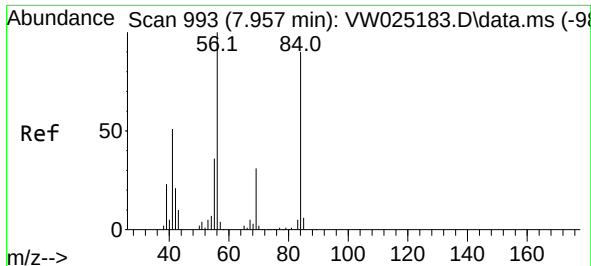
Tgt Ion: 83 Resp: 333866
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.562 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

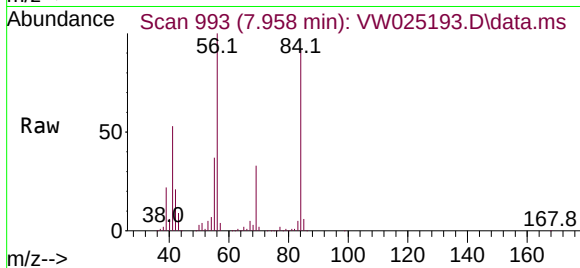
Tgt Ion: 62 Resp: 226581
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8



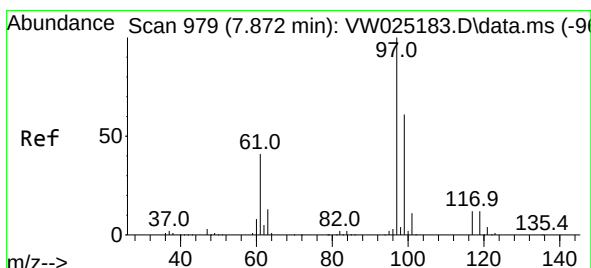
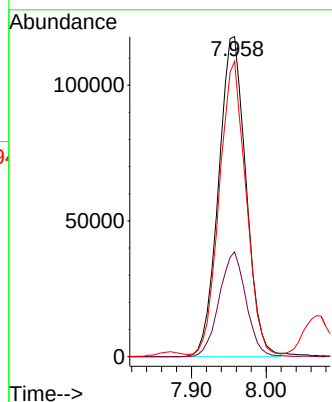
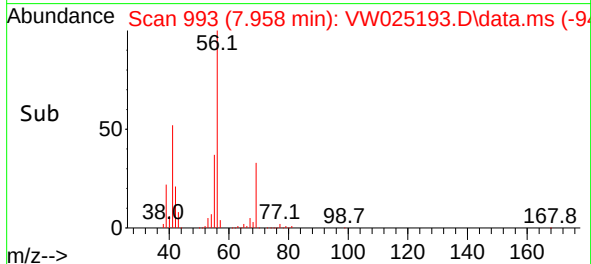


#29
Cyclohexane
Concen: 25.063 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Instrument :
MSVOA_W
ClientSampleId :

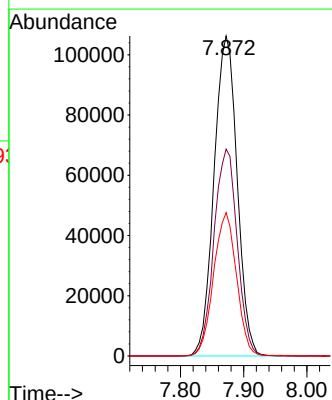
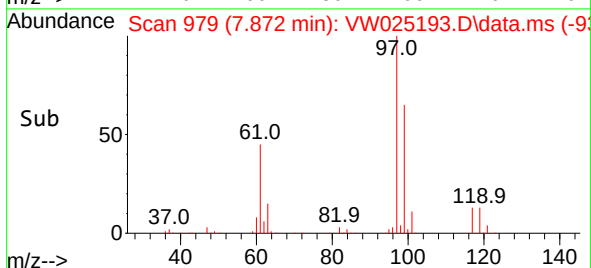
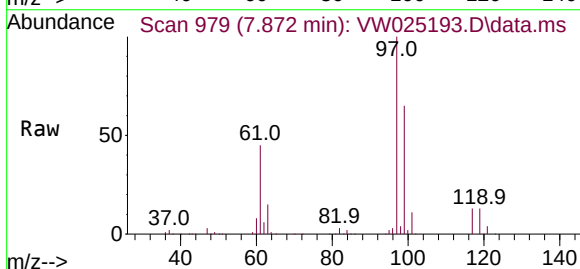


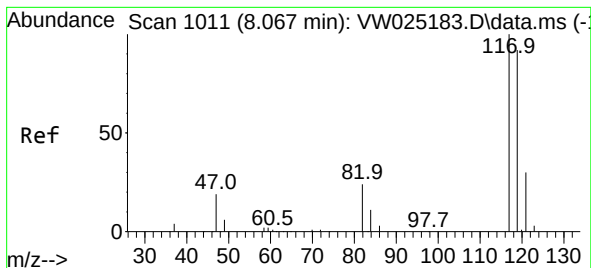
Tgt Ion: 56 Resp: 301036
Ion Ratio Lower Upper
56 100
69 32.0 25.0 37.6
84 89.9 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 24.087 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 97 Resp: 269703
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 44.3 35.5 53.3

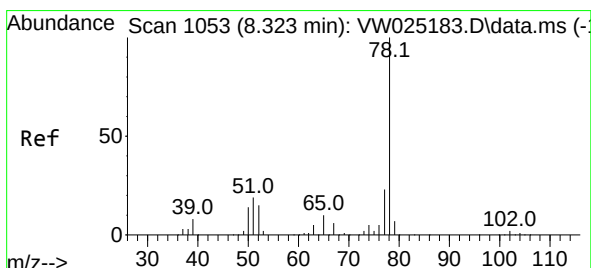
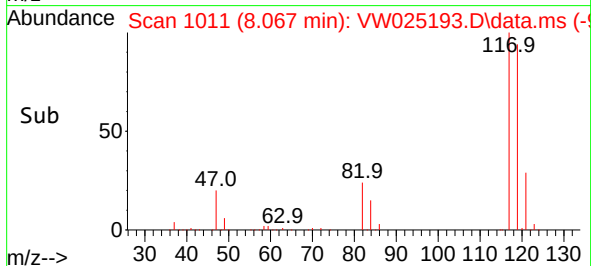
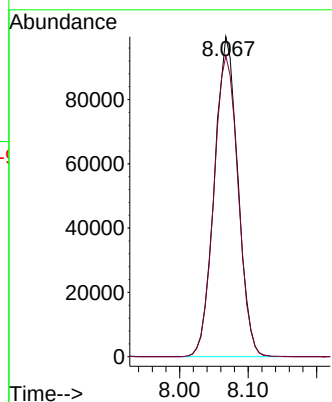
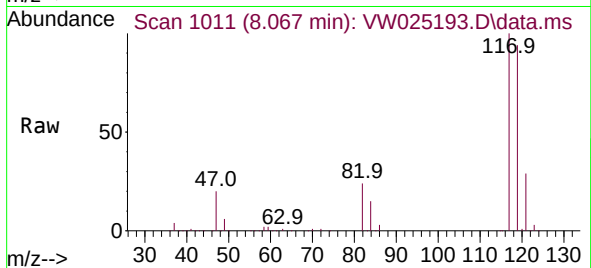




#31
Carbon tetrachloride
Concen: 22.960 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

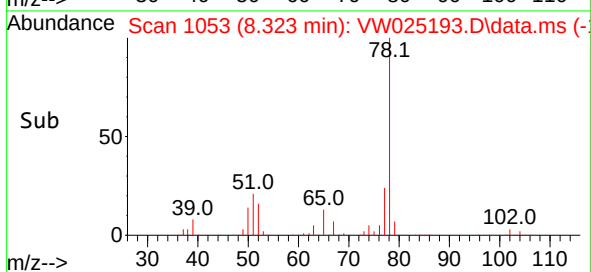
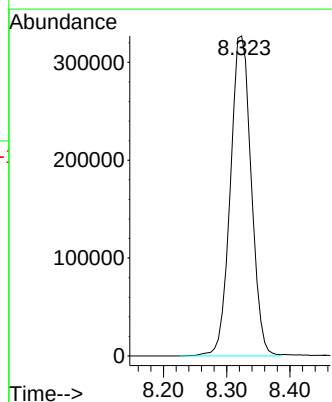
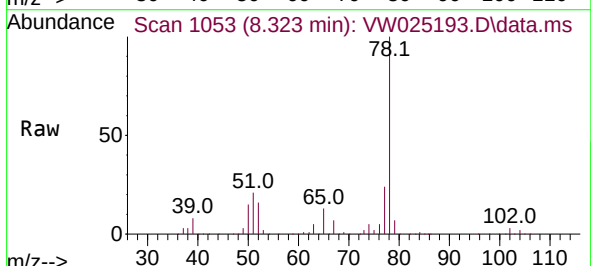
Instrument :
MSVOA_W
ClientSampleId :

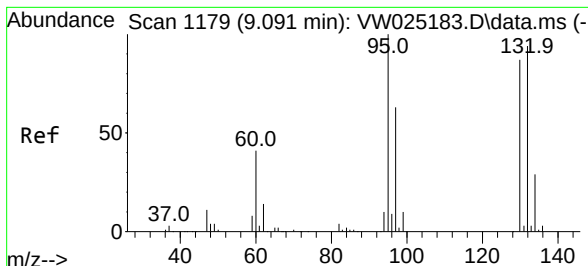
Tgt Ion:117 Resp: 236387
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.4



#33
Benzene
Concen: 25.533 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 78 Resp: 750248





#34

Trichloroethene

Concen: 23.826 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 183385

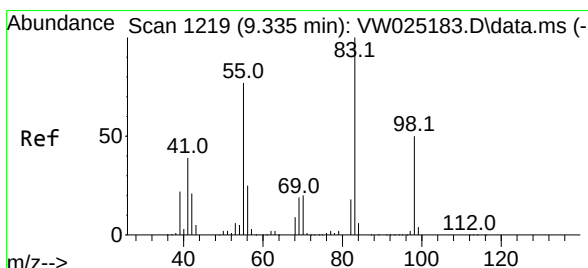
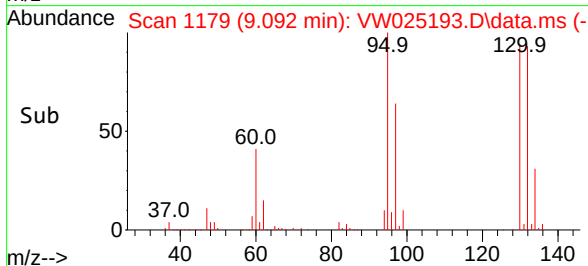
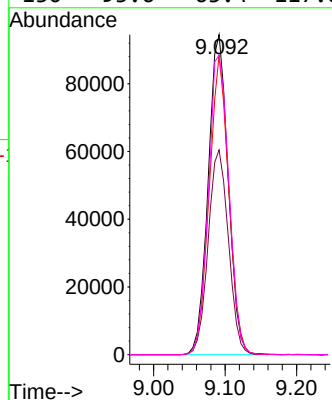
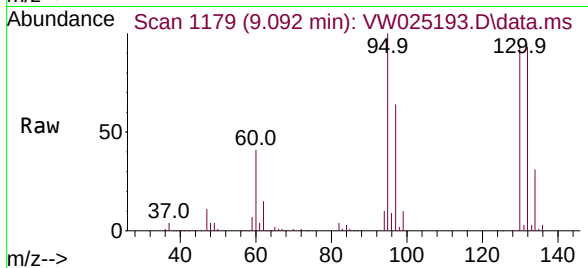
Ion Ratio Lower Upper

95 100

97 64.0 44.3 82.3

132 93.5 63.0 117.0

130 93.6 63.4 117.8



#35

Methylcyclohexane

Concen: 21.501 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

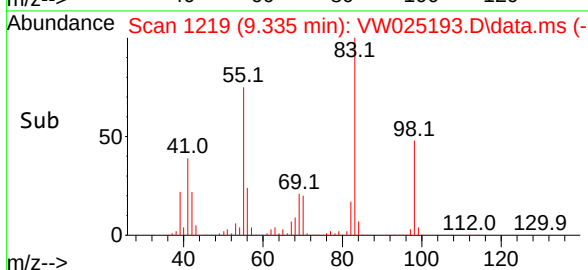
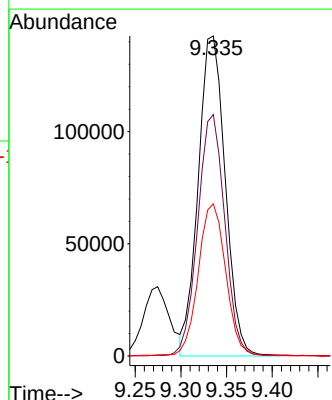
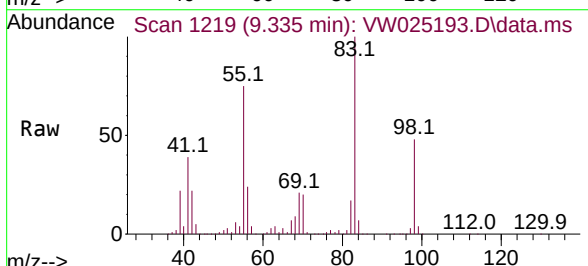
Tgt Ion: 83 Resp: 293541

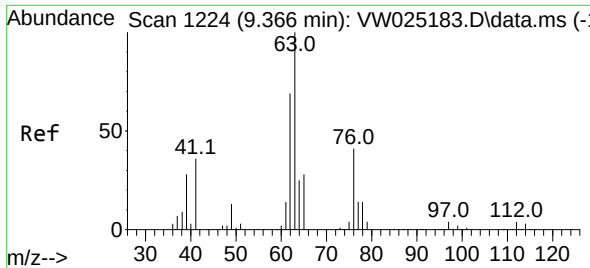
Ion Ratio Lower Upper

83 100

55 74.9 59.3 88.9

98 48.3 38.6 57.8

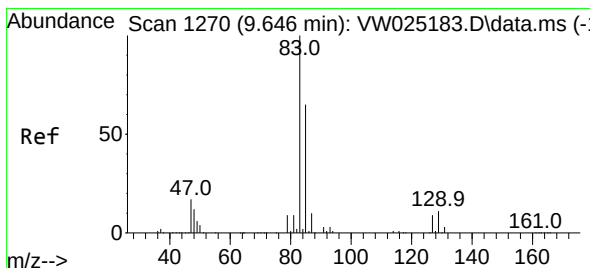
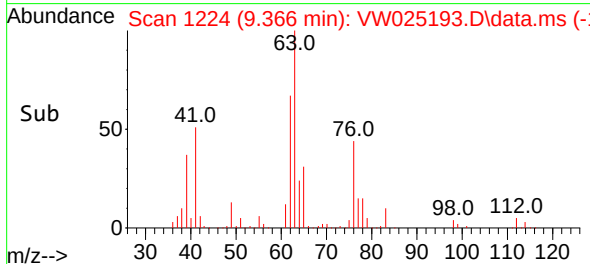
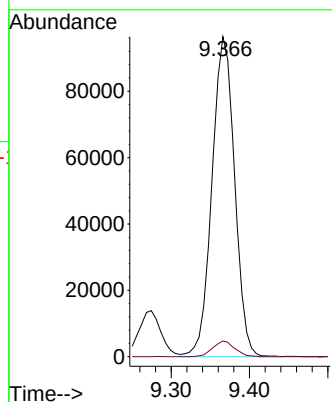
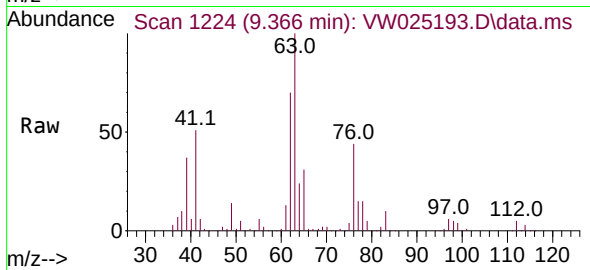




#37
1,2-Dichloropropane
Concen: 27.302 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

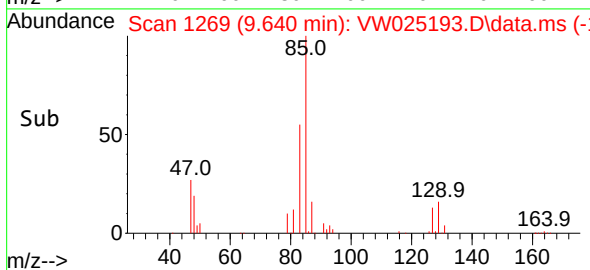
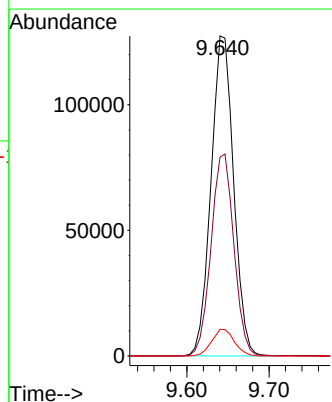
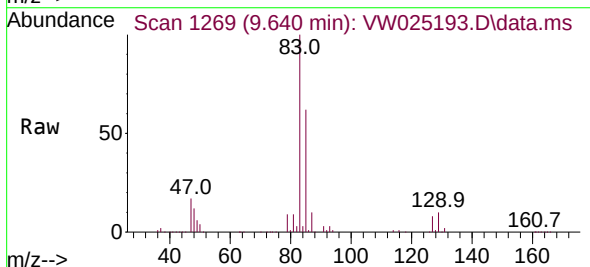
Instrument :
MSVOA_W
ClientSampleId :

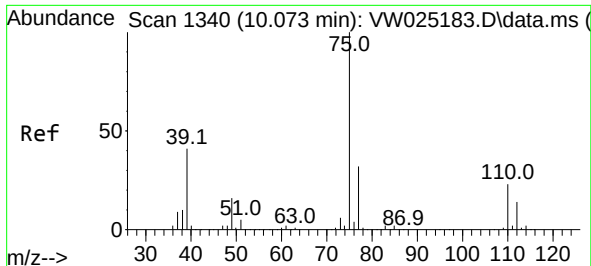
Tgt Ion: 63 Resp: 193491
Ion Ratio Lower Upper
63 100
112 4.7 3.4 5.2



#38
Bromodichloromethane
Concen: 26.025 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 83 Resp: 243660
Ion Ratio Lower Upper
83 100
85 62.1 44.2 82.2
127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 26.488 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

Instrument :

MSVOA_W

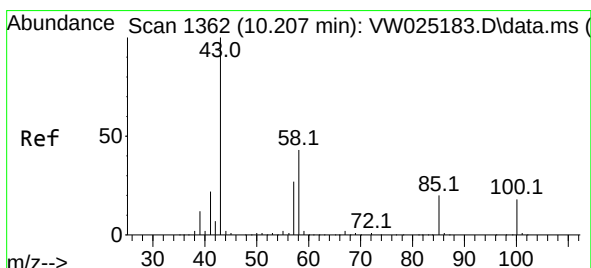
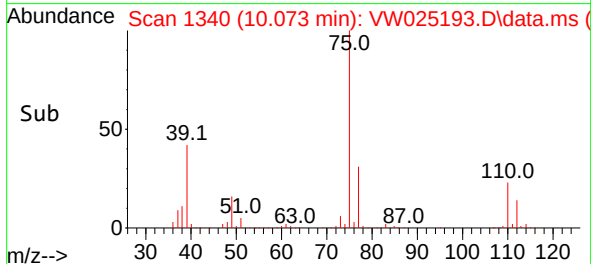
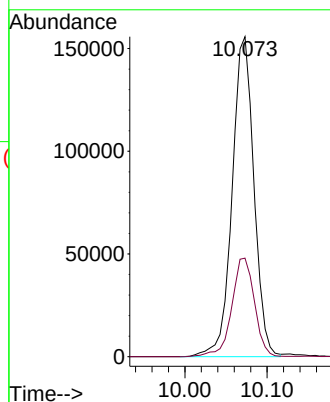
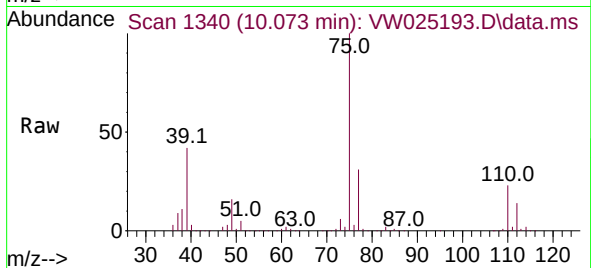
ClientSampleId :

Tgt Ion: 75 Resp: 286833

Ion Ratio Lower Upper

75 100

77 30.8 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 83.497 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

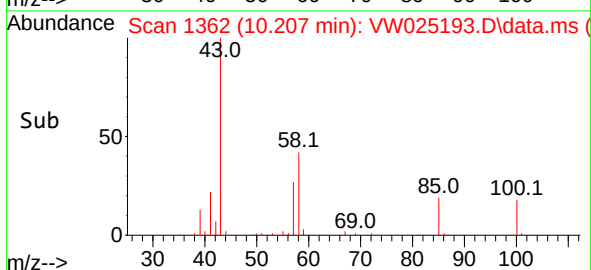
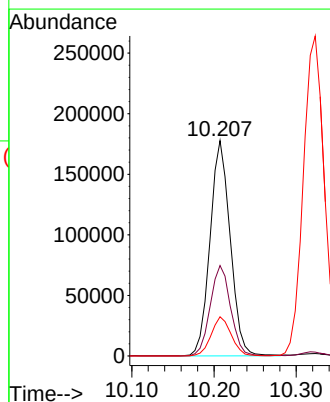
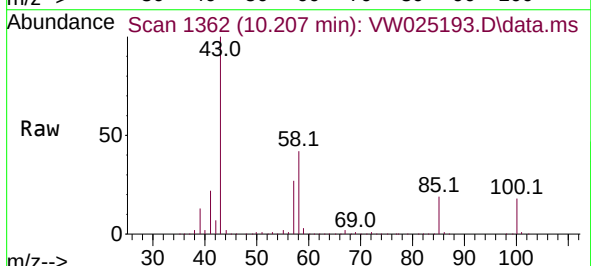
Tgt Ion: 43 Resp: 303346

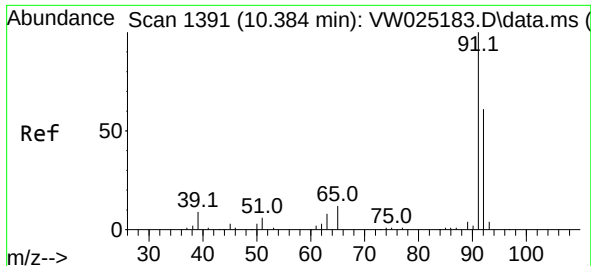
Ion Ratio Lower Upper

43 100

58 42.6 33.3 49.9

100 18.1 13.8 20.6

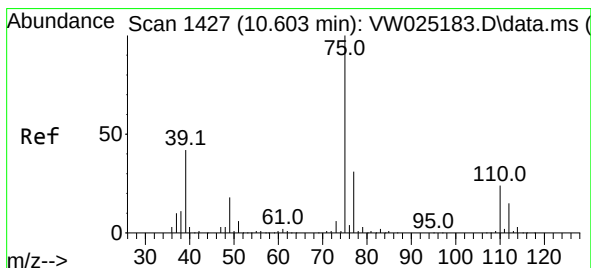
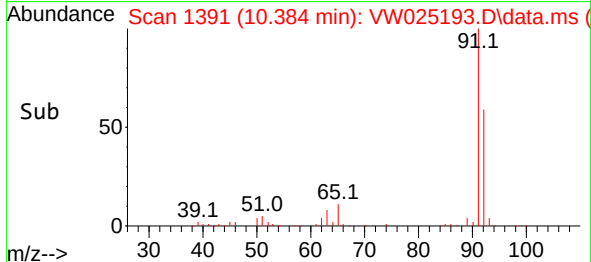
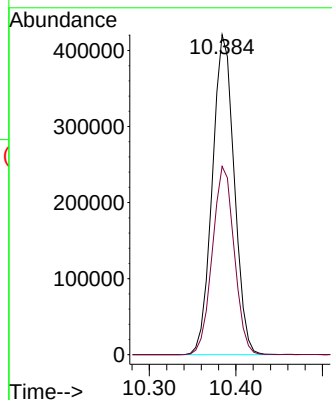
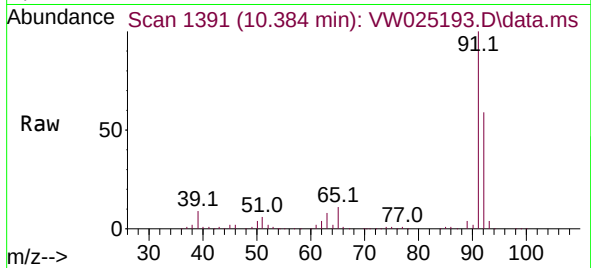




#42
Toluene
Concen: 23.990 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

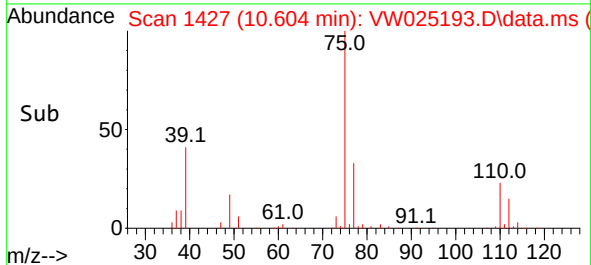
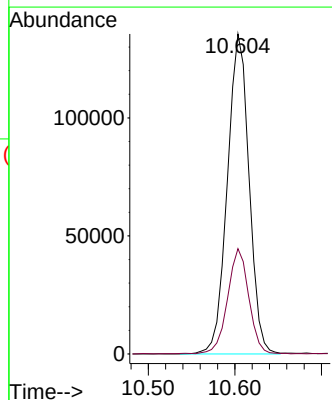
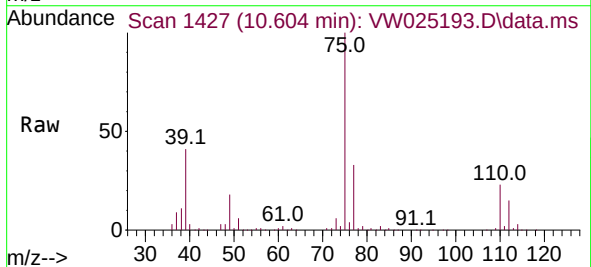
Instrument :
MSVOA_W
ClientSampleId :

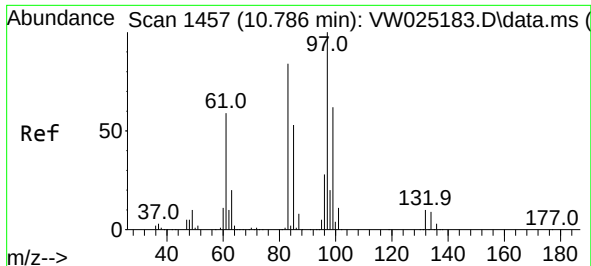
Tgt Ion: 91 Resp: 738577
Ion Ratio Lower Upper
91 100
92 58.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.416 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 75 Resp: 235703
Ion Ratio Lower Upper
75 100
77 32.9 22.5 41.7



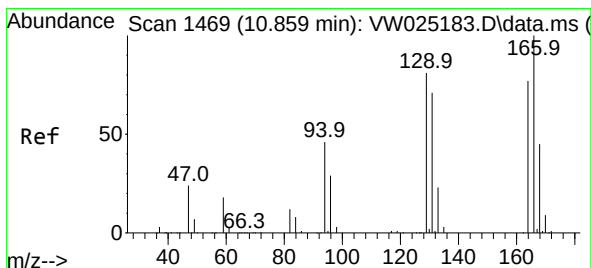
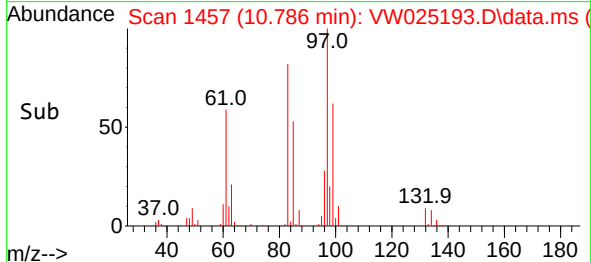
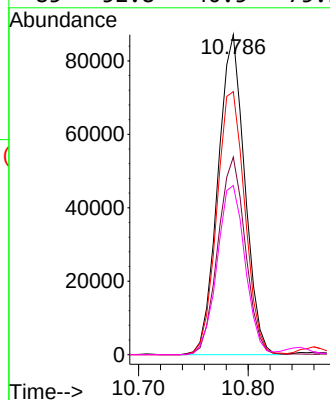
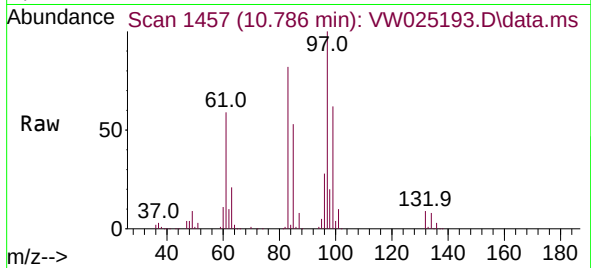


#45
1,1,2-Trichloroethane
Concen: 29.311 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 148243

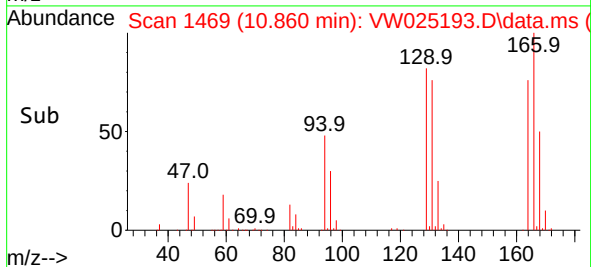
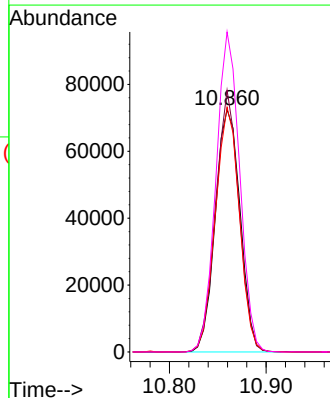
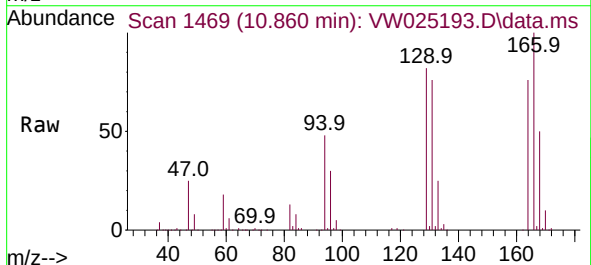
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.3	82.3
83	82.2	61.3	113.9
85	52.8	40.5	75.1

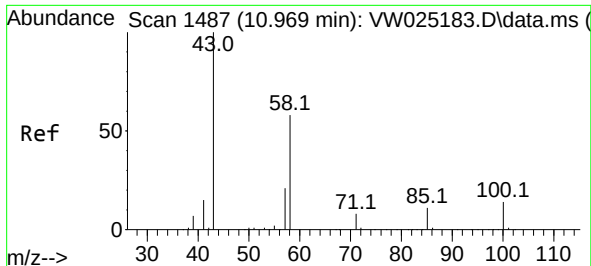


#46
Tetrachloroethene
Concen: 23.054 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 164 Resp: 129170

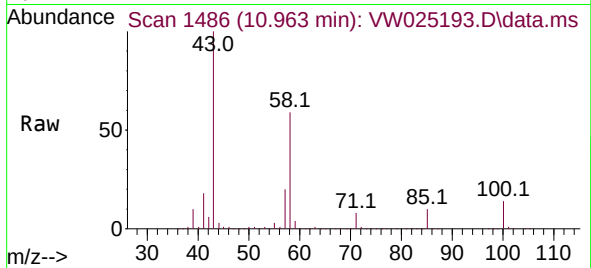
Ion	Ratio	Lower	Upper
164	100		
129	108.0	73.4	136.4
131	100.9	70.8	131.4
166	132.0	88.3	164.1



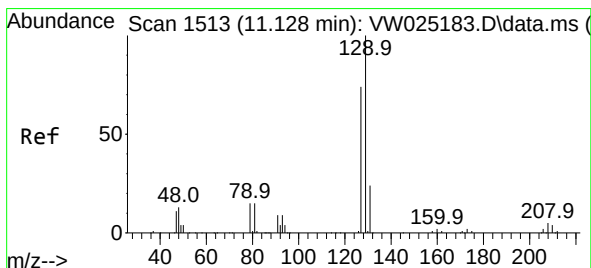
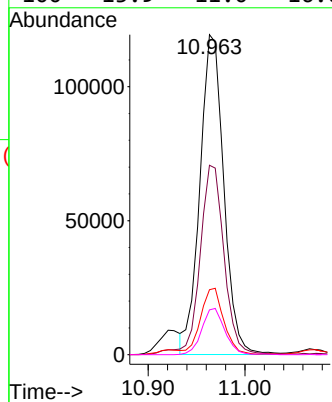
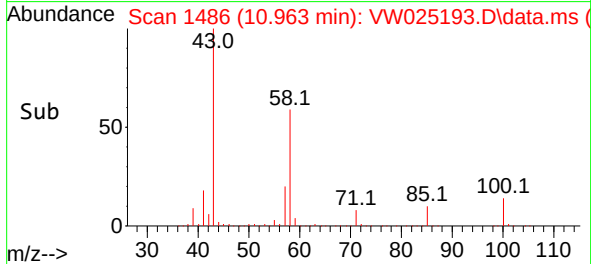


#48
2-Hexanone
Concen: 77.520 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Instrument :
MSVOA_W
ClientSampleId :

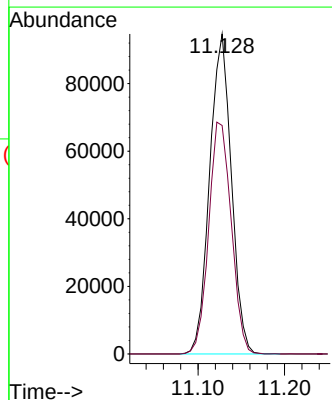
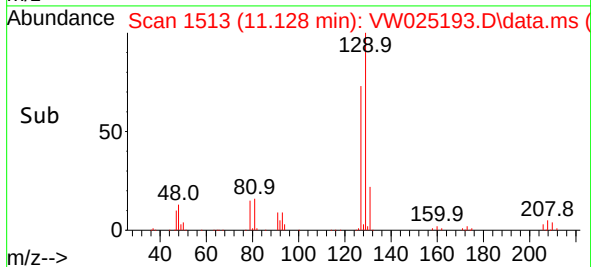
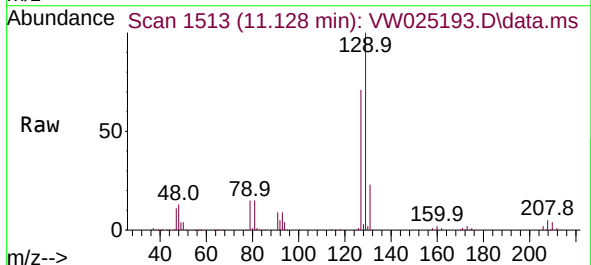


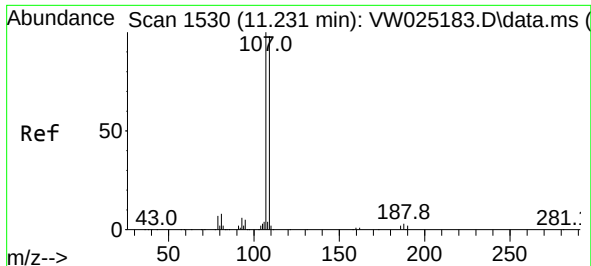
Tgt Ion: 43 Resp: 205711
Ion Ratio Lower Upper
43 100
58 59.8 46.6 69.8
57 20.3 16.7 25.1
100 13.9 11.0 16.6



#49
Dibromochloromethane
Concen: 27.123 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 129 Resp: 164745
Ion Ratio Lower Upper
129 100
127 71.4 49.7 92.3





#50

1,2-Dibromoethane

Concen: 29.420 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

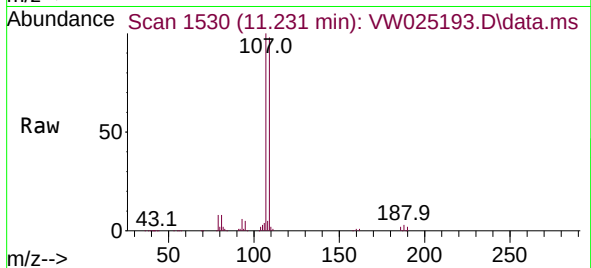
Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :



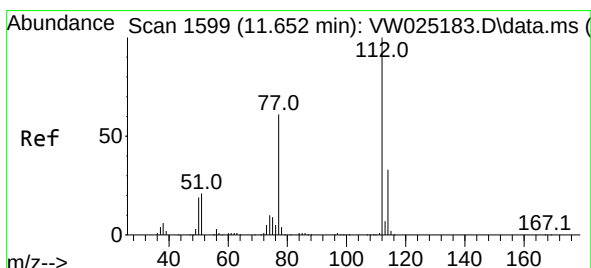
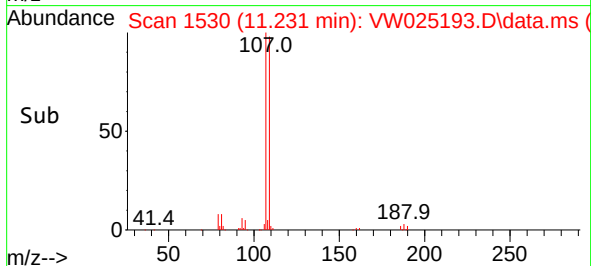
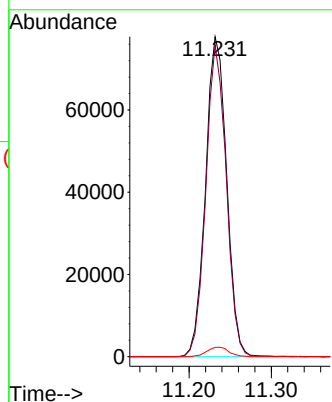
Tgt Ion:107 Resp: 138535

Ion Ratio Lower Upper

107 100

109 97.5 66.8 124.2

188 2.9 2.9 4.3



#51

Chlorobenzene

Concen: 20.697 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

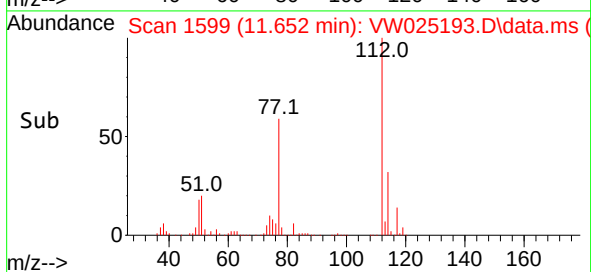
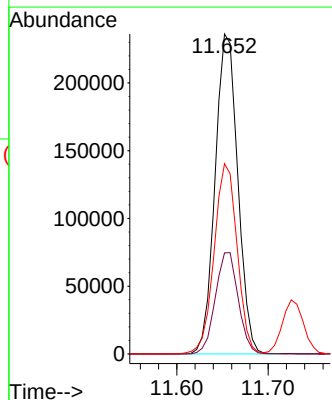
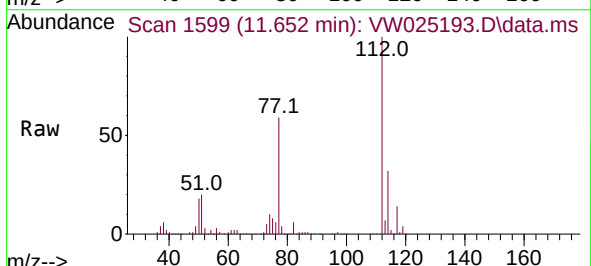
Tgt Ion:112 Resp: 407791

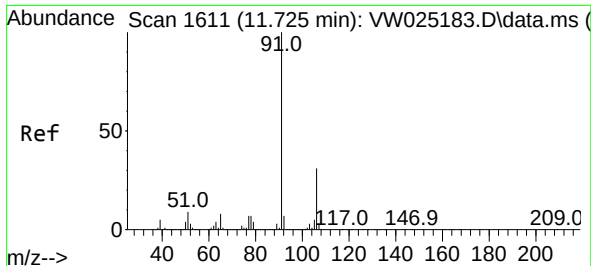
Ion Ratio Lower Upper

112 100

114 31.6 23.2 43.2

77 59.4 47.2 70.8

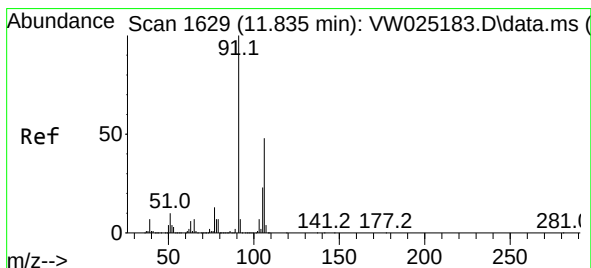
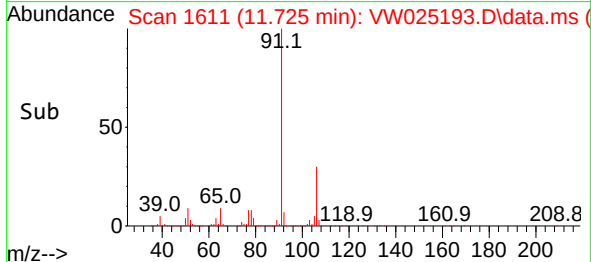
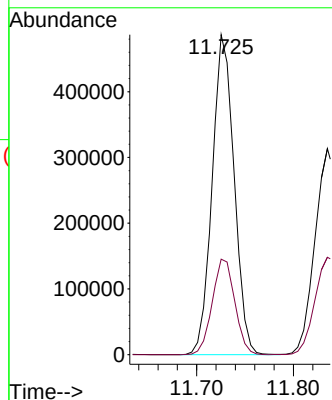
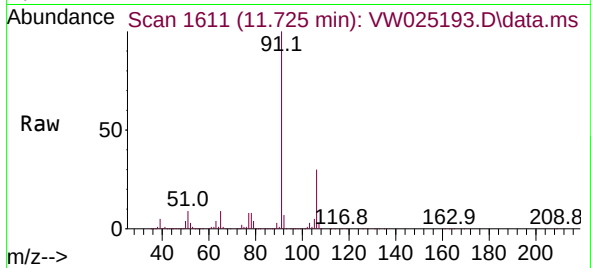




#52
Ethylbenzene
Concen: 21.985 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

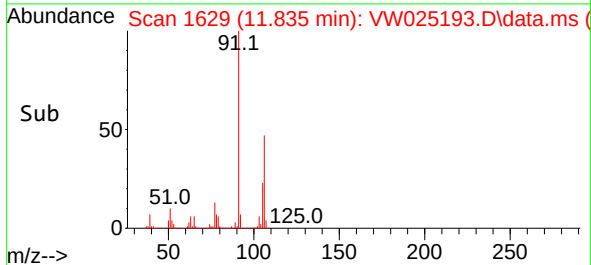
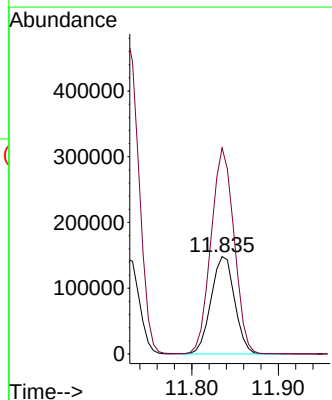
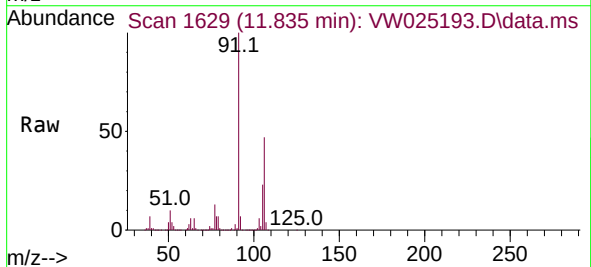
Instrument :
MSVOA_W
ClientSampleId :

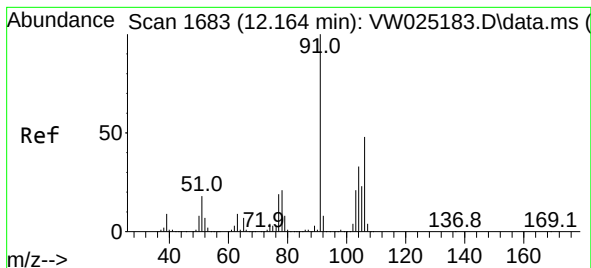
Tgt Ion: 91 Resp: 767033
Ion Ratio Lower Upper
91 100
106 29.8 21.9 40.7



#53
m,p-Xylene
Concen: 21.035 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 106 Resp: 280273
Ion Ratio Lower Upper
106 100
91 211.4 139.7 259.4





#54

o-Xylene

Concen: 22.001 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

Instrument :

MSVOA_W

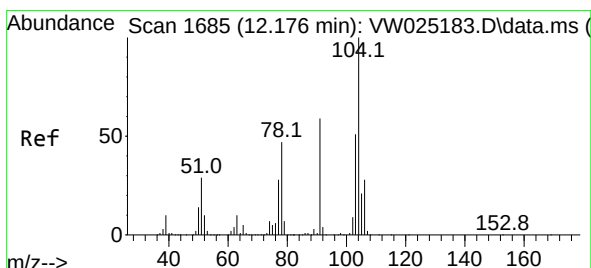
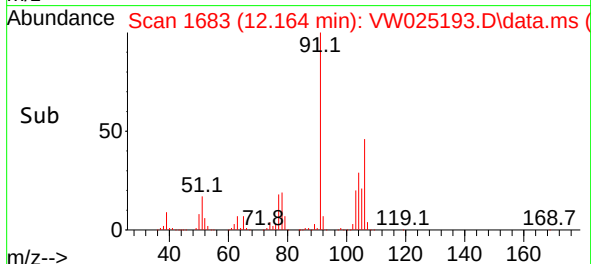
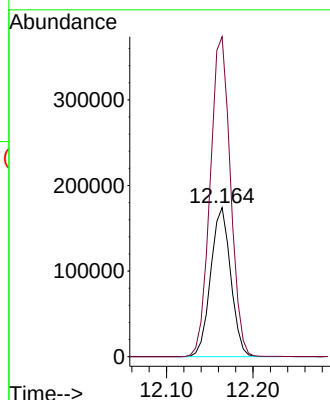
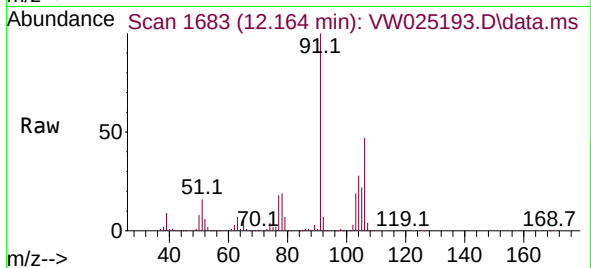
ClientSampleId :

Tgt Ion:106 Resp: 279367

Ion Ratio Lower Upper

106 100

91 214.6 148.8 276.4



#55

Styrene

Concen: 17.560 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025193.D

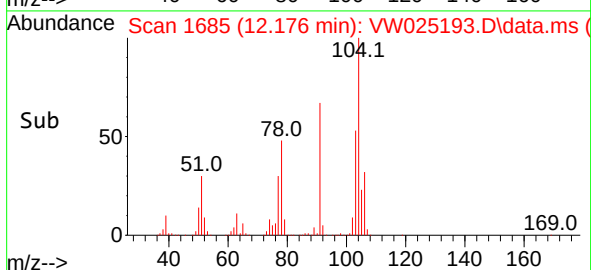
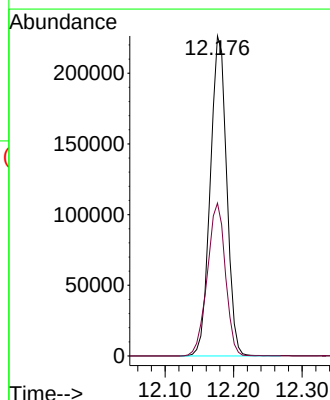
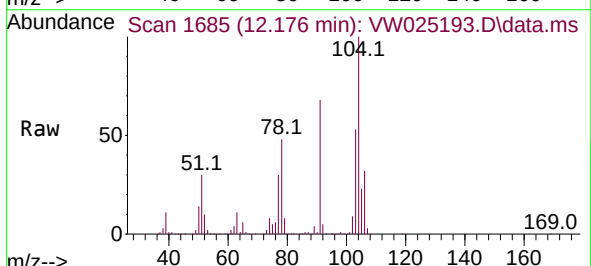
Acq: 23 Dec 2022 13:41

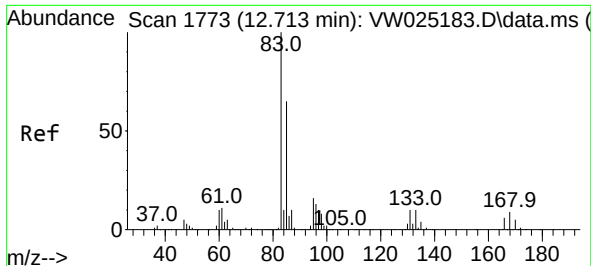
Tgt Ion:104 Resp: 377622

Ion Ratio Lower Upper

104 100

78 47.8 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 30.160 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

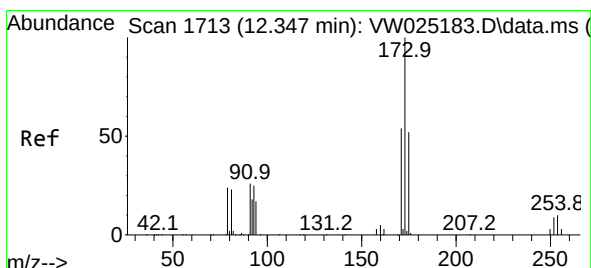
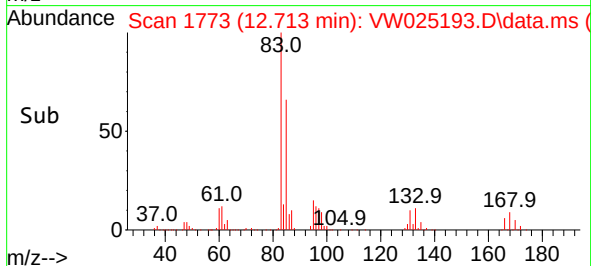
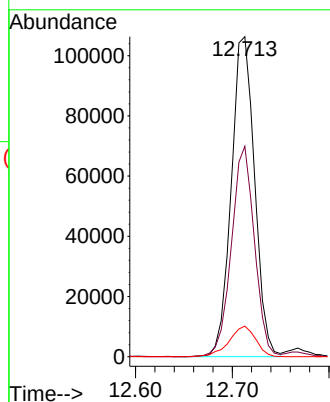
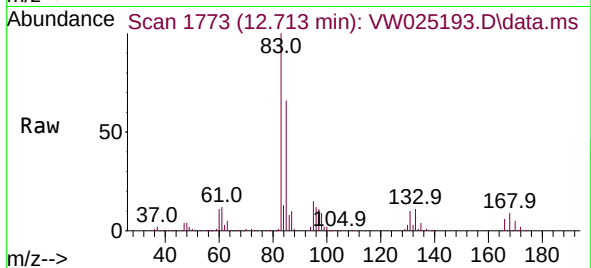
Tgt Ion: 83 Resp: 178385

Ion Ratio Lower Upper

83 100

85 65.8 46.8 87.0

131 9.6 8.2 12.2



#59

Bromoform

Concen: 40.363 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

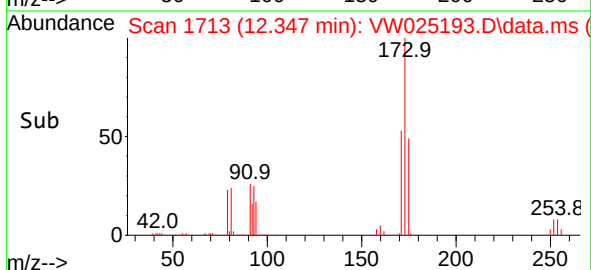
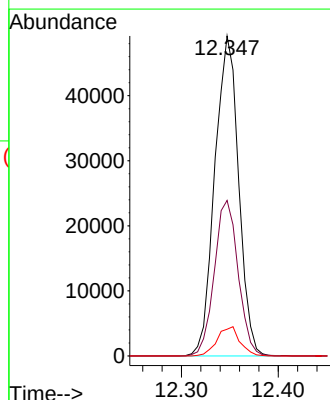
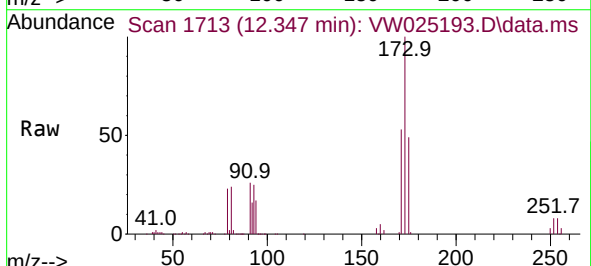
Tgt Ion: 173 Resp: 84126

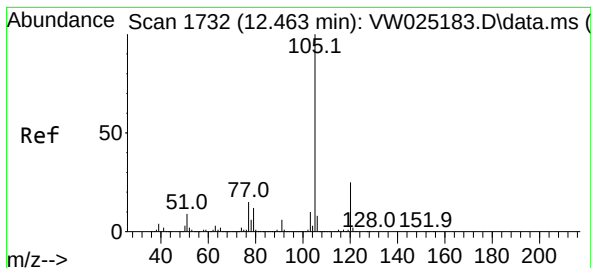
Ion Ratio Lower Upper

173 100

175 48.6 37.4 56.0

254 8.8 6.8 10.2

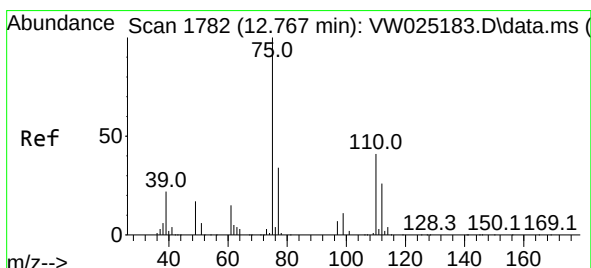
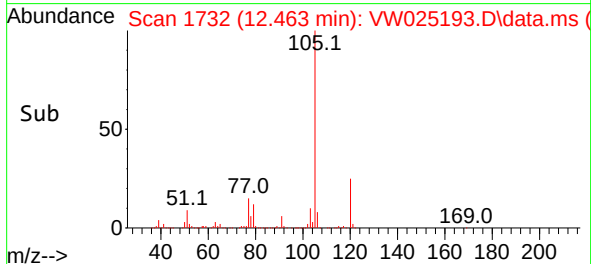
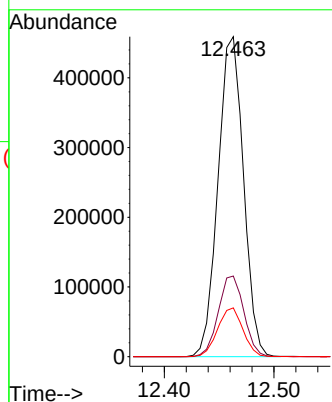
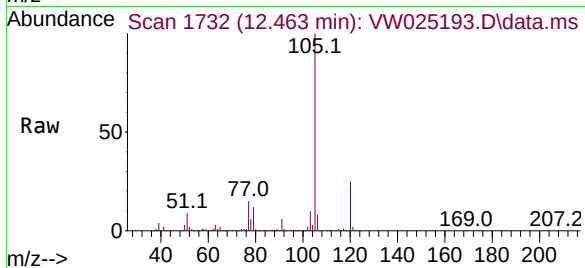




#60
Isopropylbenzene
Concen: 31.856 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

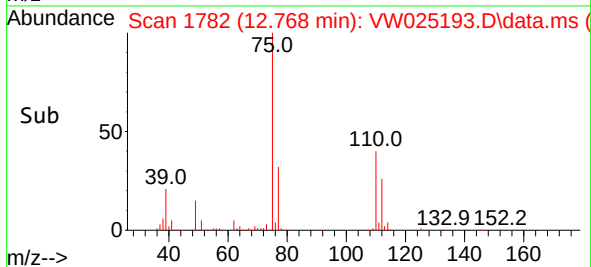
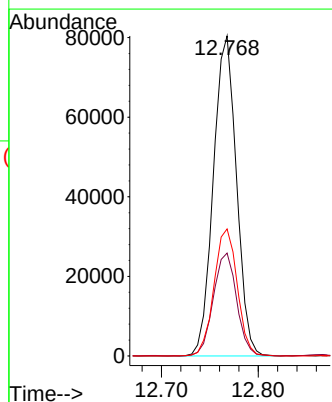
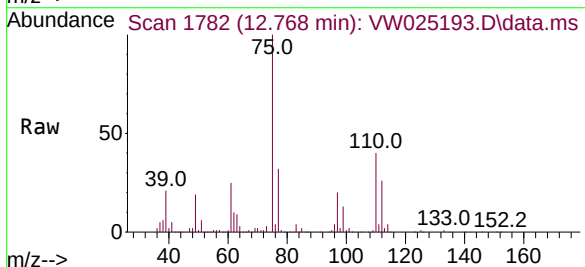
Instrument :
MSVOA_W
ClientSampleId :

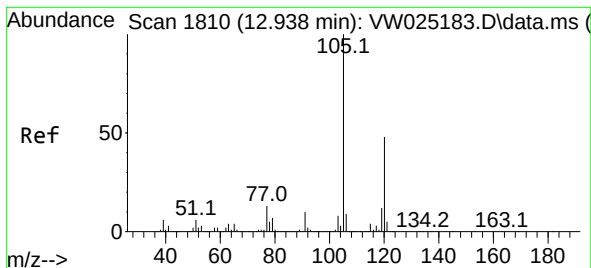
Tgt Ion:105 Resp: 741125
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 45.754 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion: 75 Resp: 133479
Ion Ratio Lower Upper
75 100
77 32.6 26.6 40.0
110 40.0 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 29.130 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

Instrument :

MSVOA_W

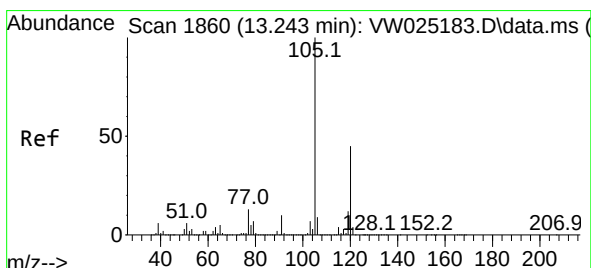
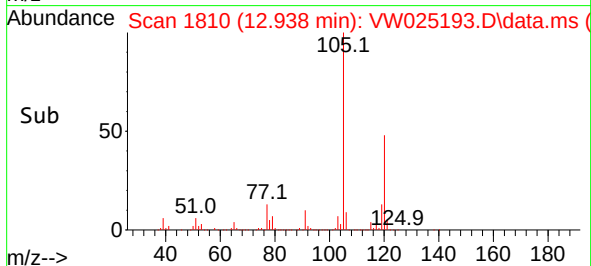
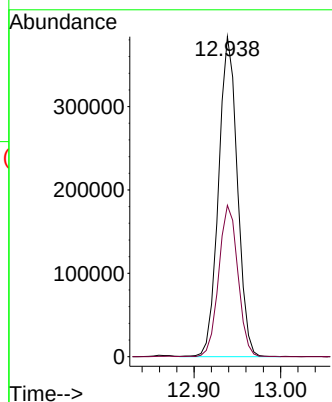
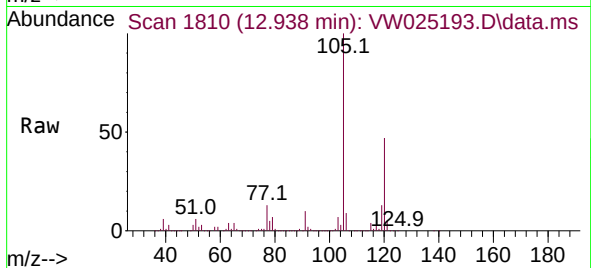
ClientSampleId :

Tgt Ion:105 Resp: 580501

Ion Ratio Lower Upper

105 100

120 47.9 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.681 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VW025193.D

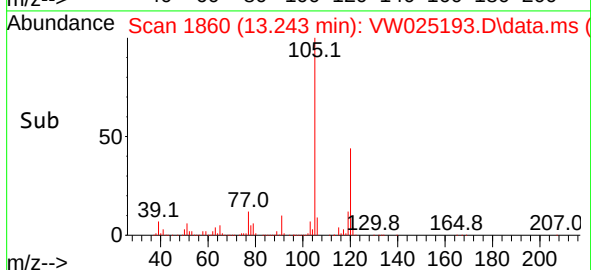
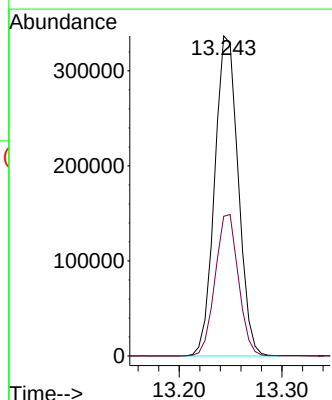
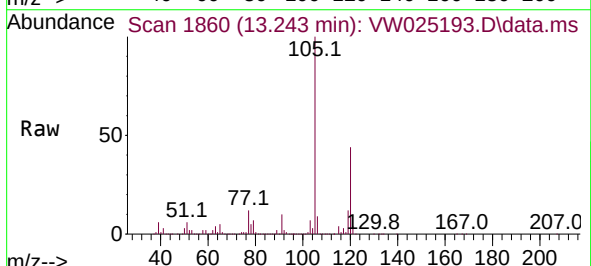
Acq: 23 Dec 2022 13:41

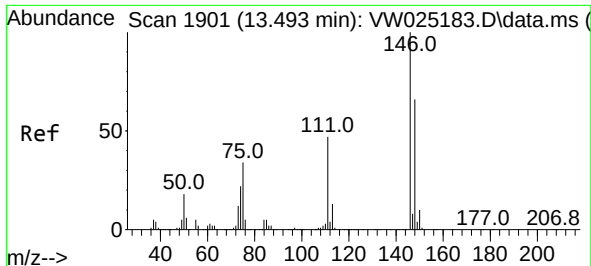
Tgt Ion:105 Resp: 535888

Ion Ratio Lower Upper

105 100

120 43.7 36.1 54.1

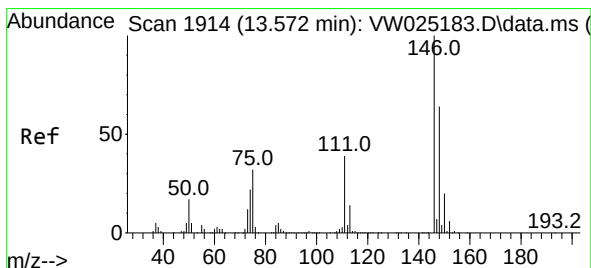
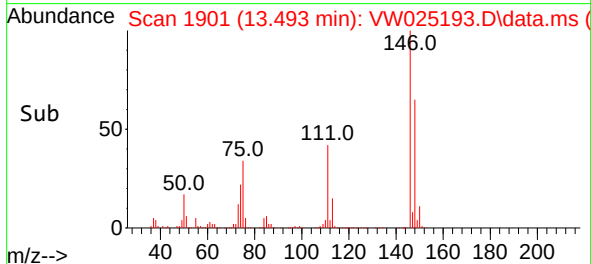
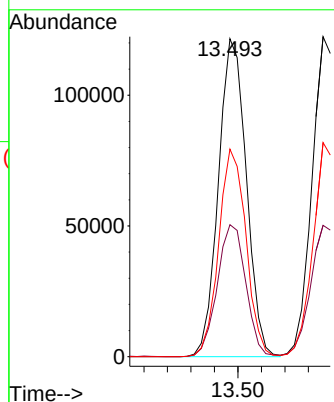
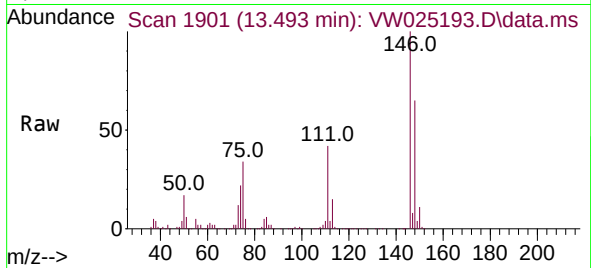




#64
1,3-Dichlorobenzene
Concen: 21.044 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

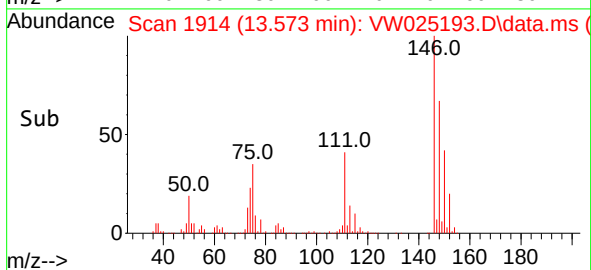
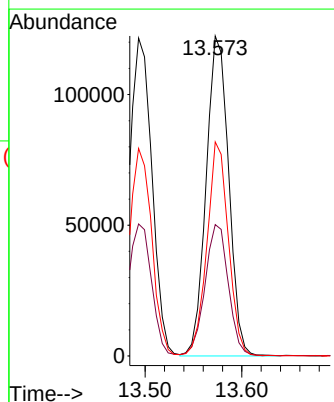
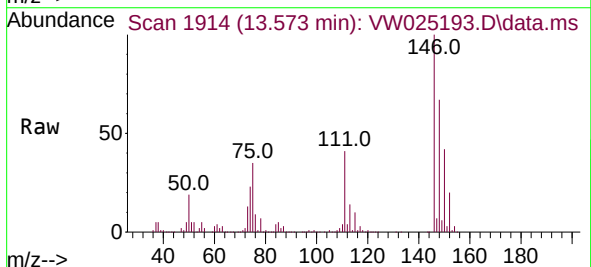
Instrument :
MSVOA_W
ClientSampleId :

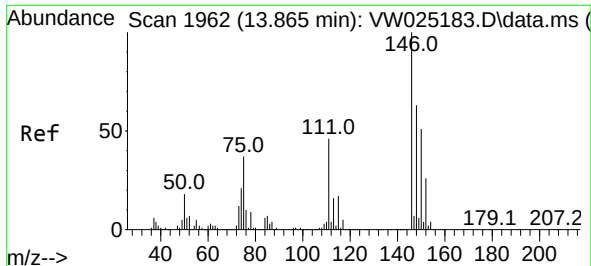
Tgt Ion:146 Resp: 200430
Ion Ratio Lower Upper
146 100
111 41.5 30.2 56.0
148 65.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 20.704 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion:146 Resp: 198584
Ion Ratio Lower Upper
146 100
111 41.1 27.4 51.0
148 66.9 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 22.040 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

Instrument :

MSVOA_W

ClientSampleId :

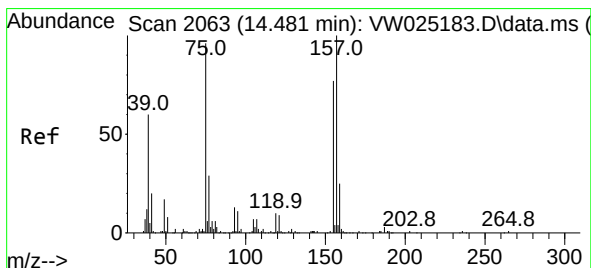
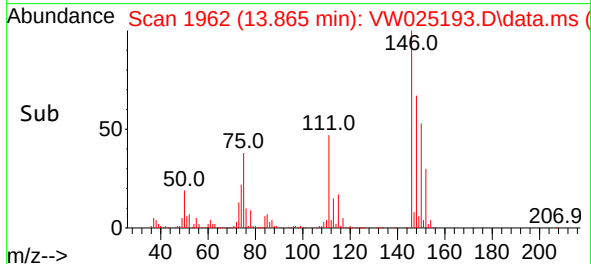
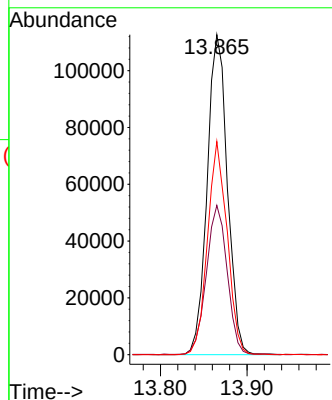
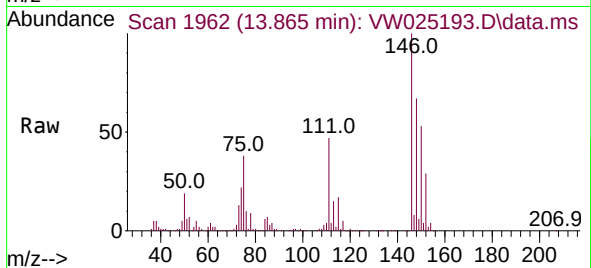
Tgt Ion:146 Resp: 183062

Ion Ratio Lower Upper

146 100

111 46.7 34.3 51.5

148 66.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.000 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025193.D

Acq: 23 Dec 2022 13:41

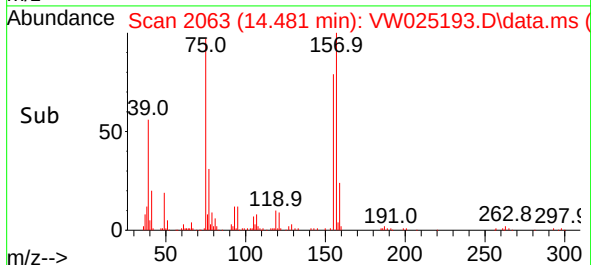
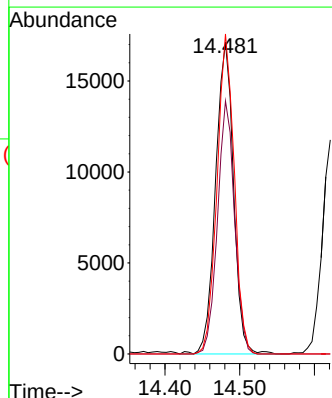
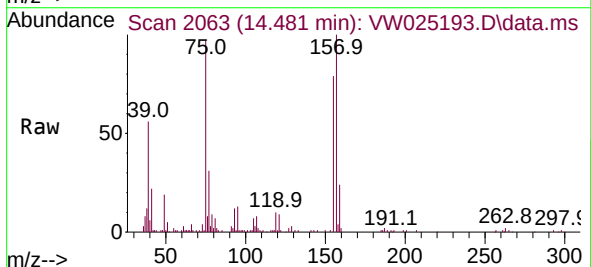
Tgt Ion: 75 Resp: 28568

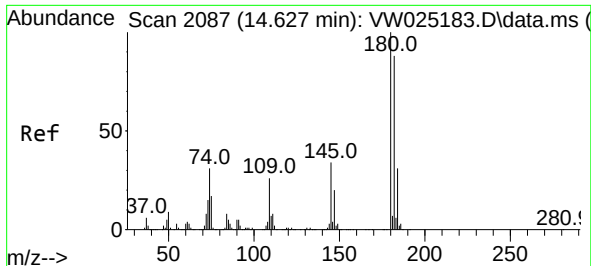
Ion Ratio Lower Upper

75 100

155 81.2 60.3 90.5

157 102.7 84.9 127.3

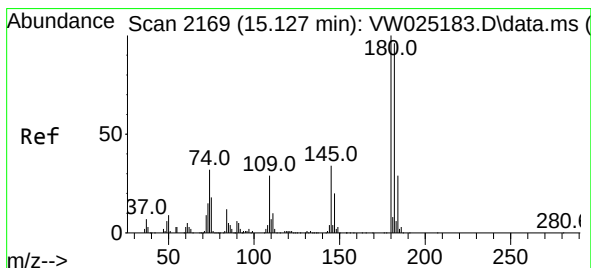
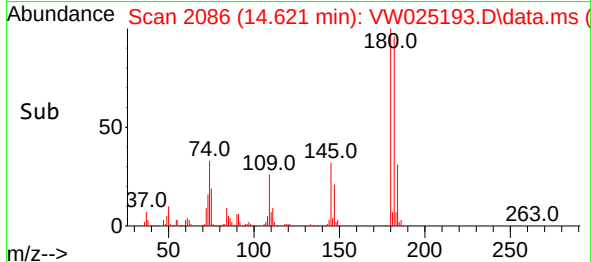
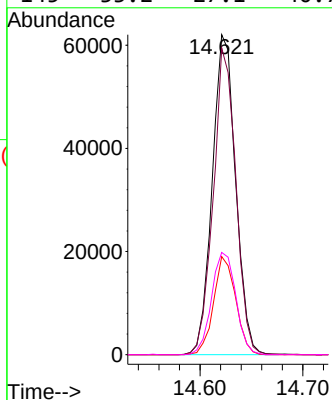
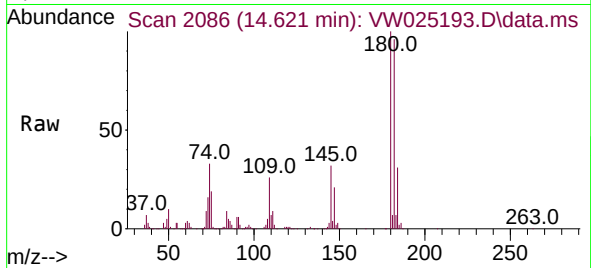




#69
 1,3,5-Trichlorobenzene
 Concen: 14.450 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

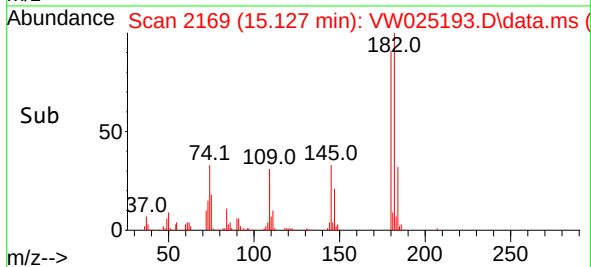
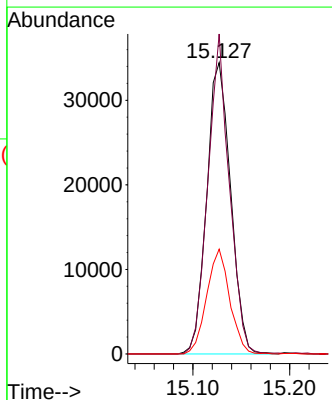
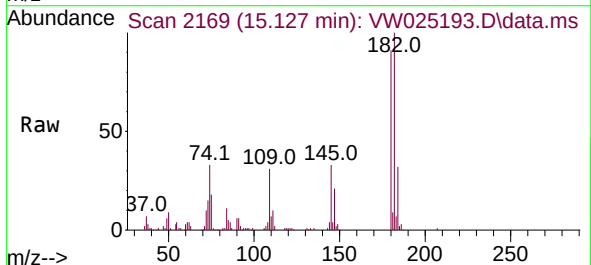
Instrument :
 MSVOA_W
 ClientSampleId :

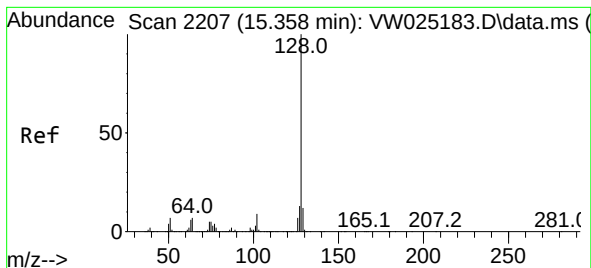
Tgt Ion:180	Resp:	97723
Ion Ratio	Lower	Upper
180	100	
182	92.7	77.8 116.6
184	29.1	24.3 36.5
145	33.2	27.1 40.7



#70
 1,2,4-trichlorobenzene
 Concen: 10.932 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025193.D
 Acq: 23 Dec 2022 13:41

Tgt Ion:180	Resp:	59322
Ion Ratio	Lower	Upper
180	100	
182	98.2	77.2 115.8
145	34.5	26.9 40.3

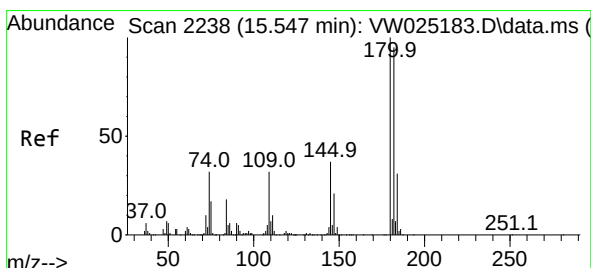
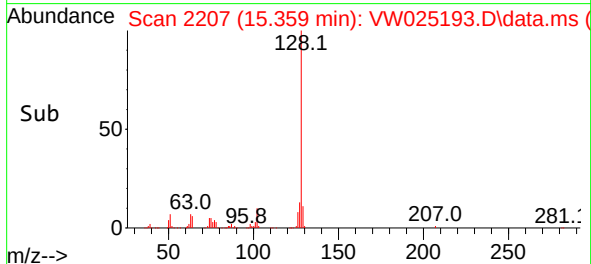
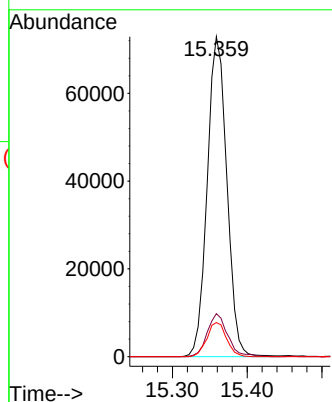
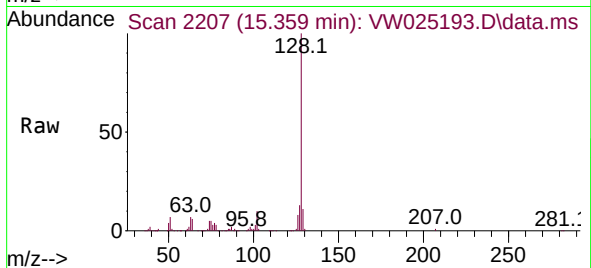




#71
Naphthalene
Concen: 12.498 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 132944
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 11.587 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025193.D
Acq: 23 Dec 2022 13:41

Tgt Ion:180 Resp: 55100
Ion Ratio Lower Upper
180 100
182 97.0 76.4 114.6
145 35.2 29.6 44.4

