

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061322\
 Data File : VW023480.D
 Acq On : 13 Jun 2022 16:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 01:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 14 01:31:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	358813	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	348674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188498	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	137119	24.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
7) Chloroethane-d5	2.885	69	93546	22.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.019	63	177270	22.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	7.074	46	57102	49.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.120%
24) Chloroform-d	7.647	84	235009	23.793	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	8.299	65	125784	23.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.275	84	434828	23.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	9.274	67	132411	24.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.323	98	434361	24.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.579	79	56653	22.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.160%
47) 2-Hexanone-d5	10.921	63	48521	55.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125886	24.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	161849	23.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	58736	44.894	ug/L	97
3) Chloromethane	2.215	50	127292	29.413	ug/L	100
5) Vinyl chloride	2.361	62	176093	26.107	ug/L	96
6) Bromomethane	2.776	94	80209	21.010	ug/L	86
8) Chloroethane	2.916	64	82204	23.006	ug/L	100
9) Trichlorofluoromethane	3.257	101	106853	35.125	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	111048	25.321	ug/L	98
12) 1,1-Dichloroethene	4.031	96	93615	23.961	ug/L	89
13) Acetone	4.117	43	39344	46.919	ug/L	99
14) Carbon disulfide	4.379	76	287832	23.949	ug/L	97
15) Methyl Acetate	4.672	43	48042	25.661	ug/L	98
16) Methylene chloride	4.909	84	114585	23.596	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	113494	24.535	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	178984	25.708	ug/L	98
19) 1,1-Dichloroethane	6.214	63	205547	24.807	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	126015	24.910	ug/L #	98
22) 2-Butanone	7.165	43	65281	50.862	ug/L	99
23) Bromochloromethane	7.513	128	59528	25.543	ug/L	96
25) Chloroform	7.677	83	228844	24.474	ug/L	95

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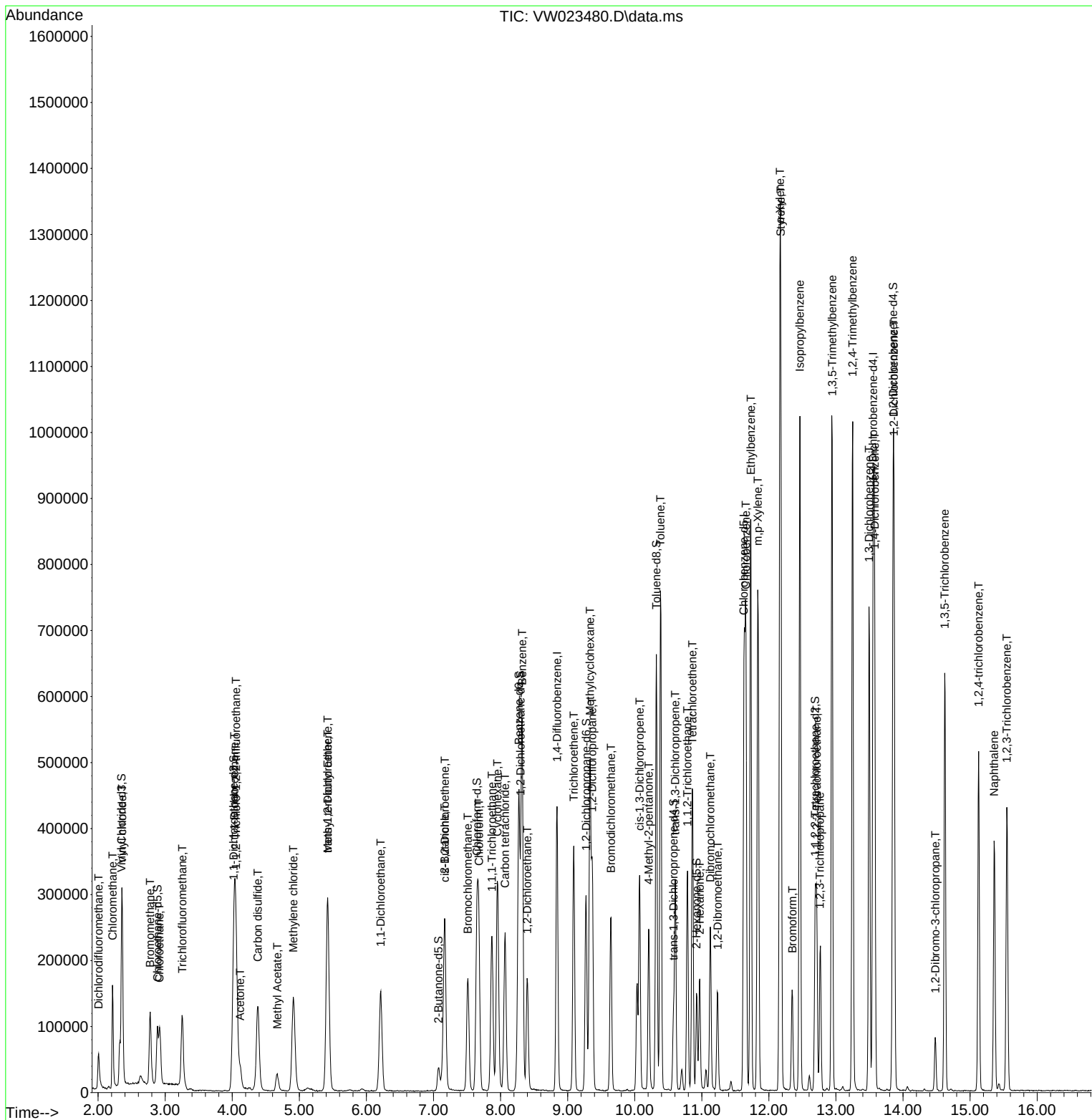
Instrument :
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 ClientSampleId :

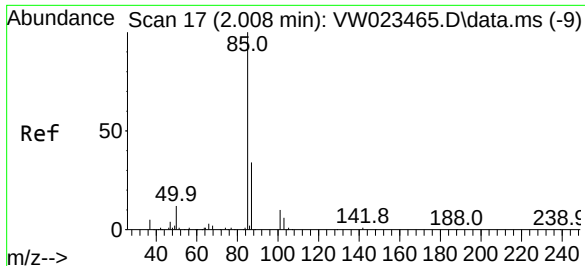
Quant Time: Jun 14 01:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 14 01:31:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	153306	24.790	ug/L	100
29) Cyclohexane	7.952	56	164613	23.440	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	185621	22.999	ug/L	97
31) Carbon tetrachloride	8.067	117	171786	23.104	ug/L	99
33) Benzene	8.323	78	488140	24.235	ug/L	100
34) Trichloroethene	9.092	95	124765	23.110	ug/L	94
35) Methylcyclohexane	9.335	83	199189	22.790	ug/L	97
37) 1,2-Dichloropropane	9.366	63	121200	24.623	ug/L	100
38) Bromodichloromethane	9.646	83	168711	24.370	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	183607	24.342	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	150300	53.536	ug/L	99
42) Toluene	10.384	91	550370	24.457	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	166784	24.504	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	99889	24.705	ug/L	97
46) Tetrachloroethene	10.860	164	96178	23.077	ug/L	90
48) 2-Hexanone	10.969	43	103755	54.685	ug/L	98
49) Dibromochloromethane	11.128	129	119120	25.156	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95526	25.274	ug/L	88
51) Chlorobenzene	11.658	112	365606	24.073	ug/L	97
52) Ethylbenzene	11.731	91	612196	23.936	ug/L	99
53) m,p-Xylene	11.835	106	242583	24.370	ug/L	95
54) o-Xylene	12.164	106	237457	24.962	ug/L	97
55) Styrene	12.176	104	418828	25.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	126211	25.704	ug/L	97
59) Bromoform	12.353	173	65976	24.623	ug/L	98
60) Isopropylbenzene	12.463	105	639587	23.704	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	87127	24.292	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	520635	23.593	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	533666	24.166	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	291756	24.374	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	290050	23.731	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	265276	24.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19863	25.081	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	182227	23.299	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	148620	24.403	ug/L	99
71) Naphthalene	15.359	128	313075	26.132	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	134626	25.427	ug/L	98

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

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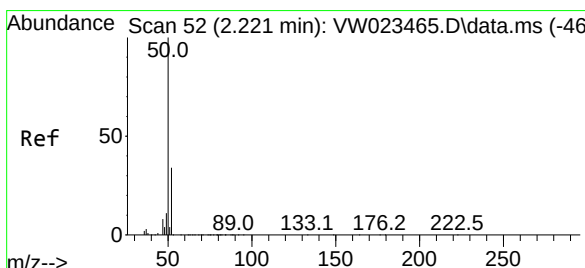
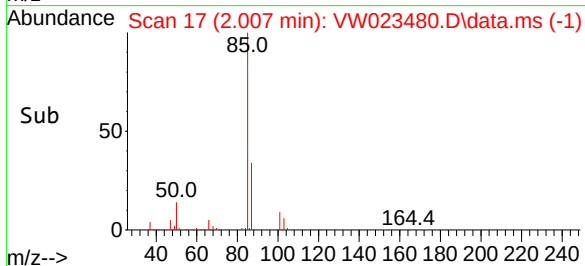
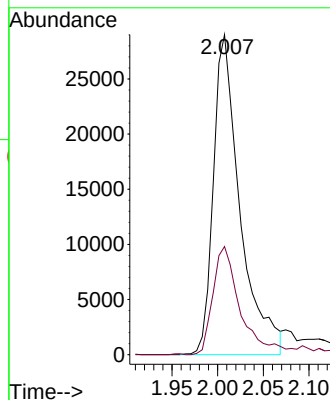
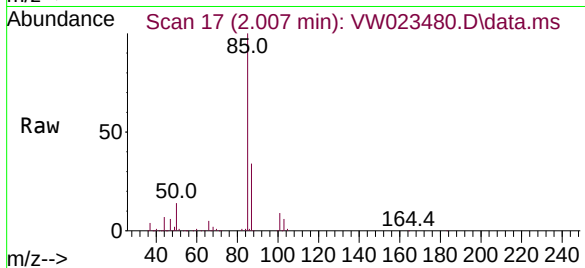




#2
Dichlorodifluoromethane
Concen: 44.894 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

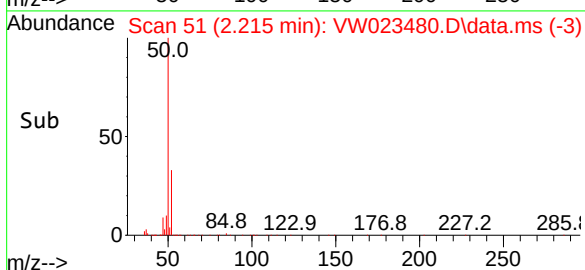
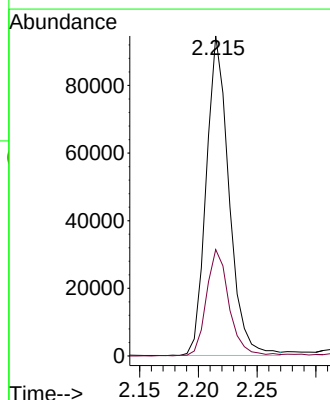
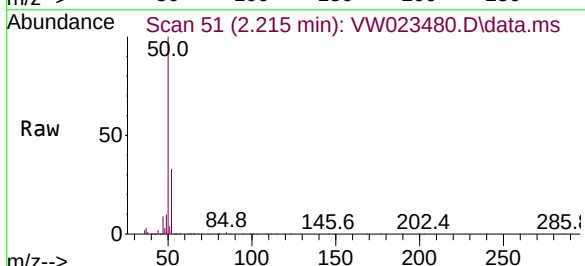
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MSVOA_W
ClientSampleId :

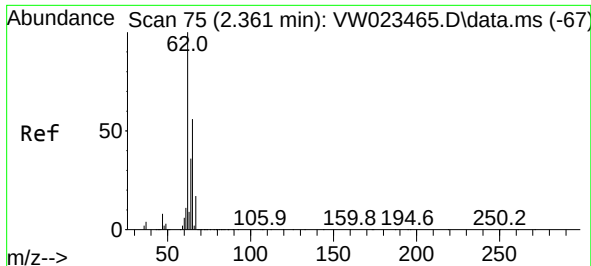
Tgt Ion: 85 Resp: 58736
Ion Ratio Lower Upper
85 100
87 33.2 27.8 41.8



#3
Chloromethane
Concen: 29.413 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 50 Resp: 127292
Ion Ratio Lower Upper
50 100
52 33.3 23.1 42.9

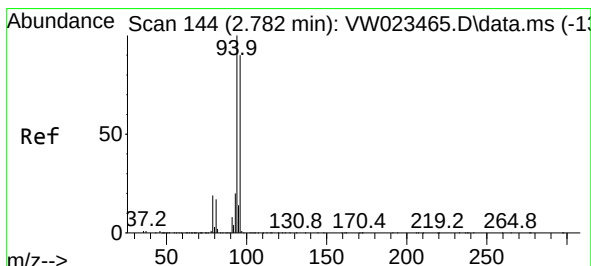
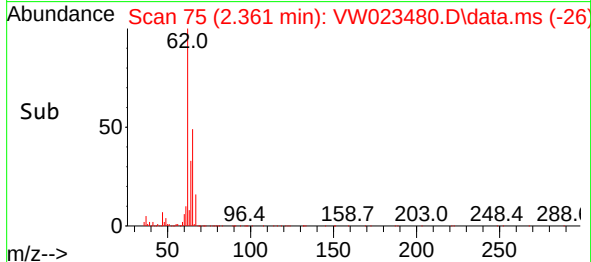
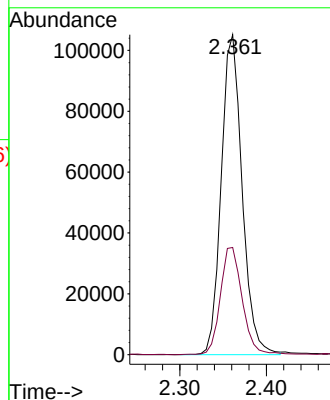
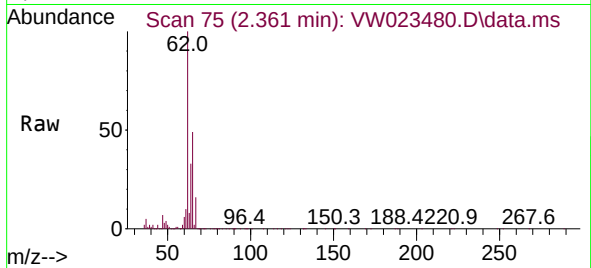




#5
 Vinyl chloride
 Concen: 26.107 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

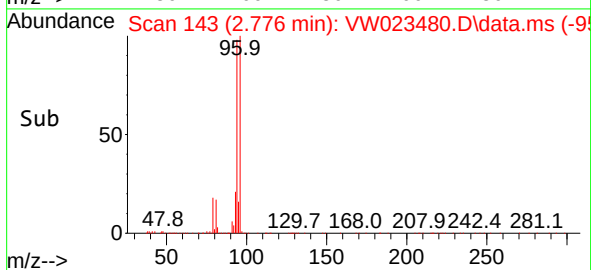
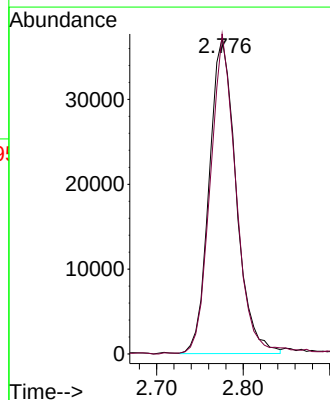
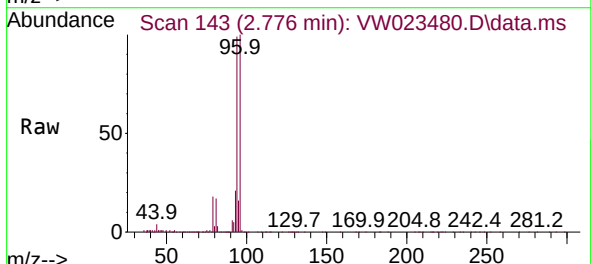
Instrument :
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 ClientSampleId :

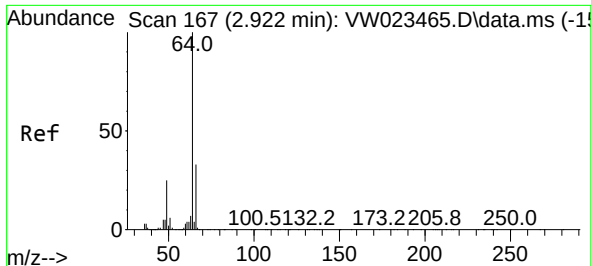
Tgt Ion: 62 Resp: 176093
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.9 46.3



#6
 Bromomethane
 Concen: 21.010 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

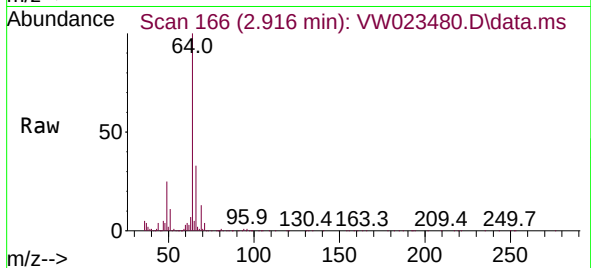
Tgt Ion: 94 Resp: 80209
 Ion Ratio Lower Upper
 94 100
 96 101.4 61.7 114.5



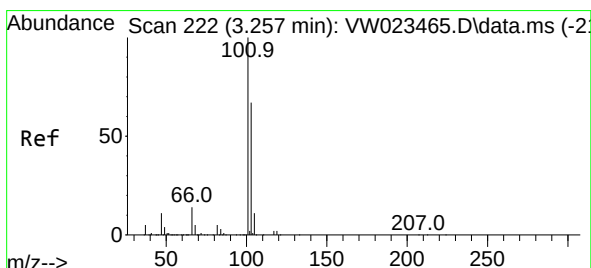
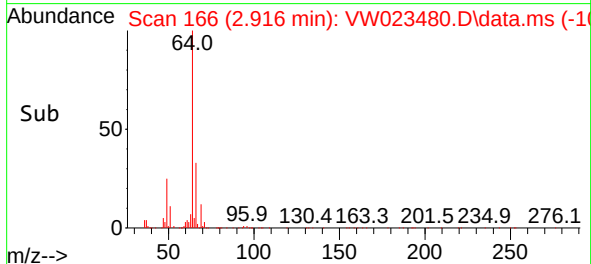
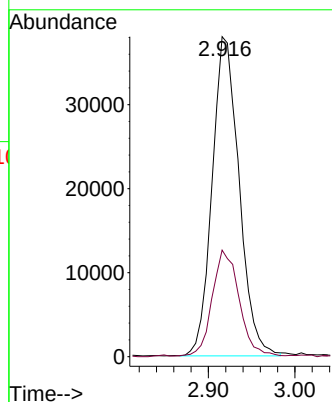


#8
Chloroethane
Concen: 23.006 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Instrument :
MSVOA_W
ClientSampleId :

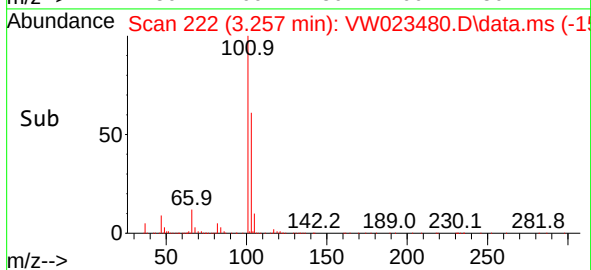
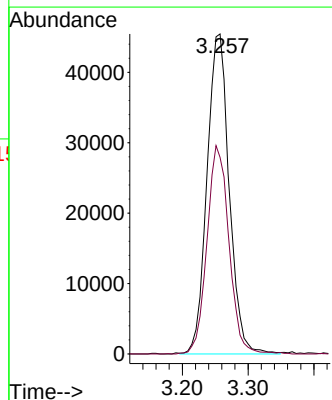
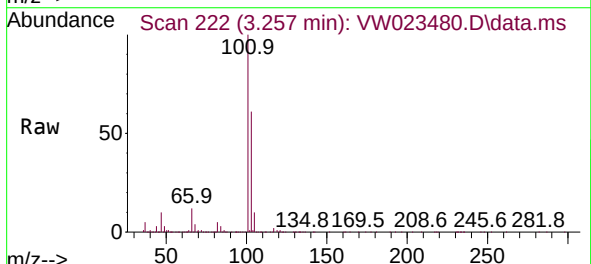


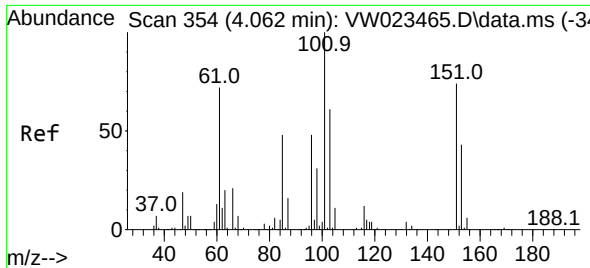
Tgt Ion: 64 Resp: 82204
Ion Ratio Lower Upper
64 100
66 33.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 35.125 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 101 Resp: 106853
Ion Ratio Lower Upper
101 100
103 64.2 53.9 80.9

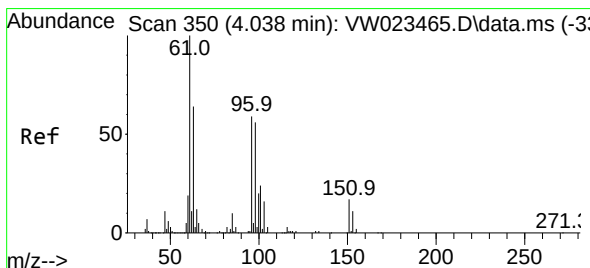
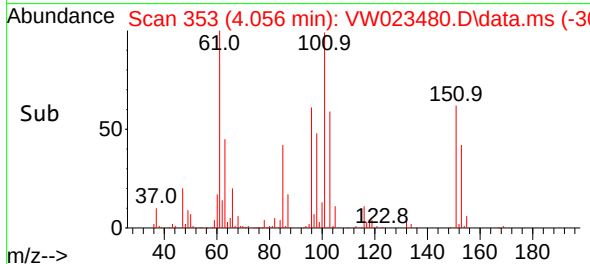
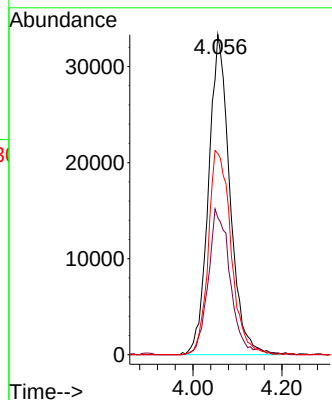
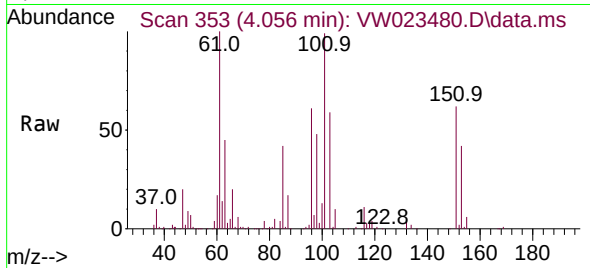




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.321 ug/L
 RT: 4.056 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

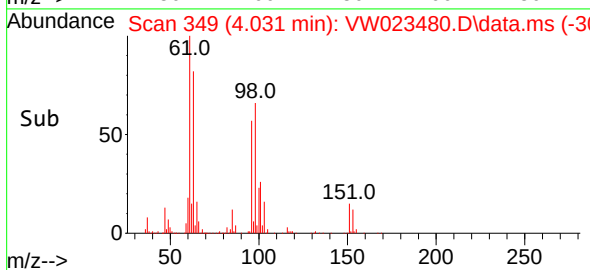
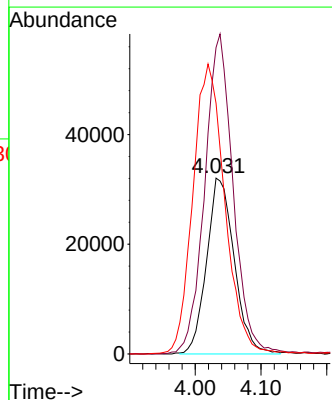
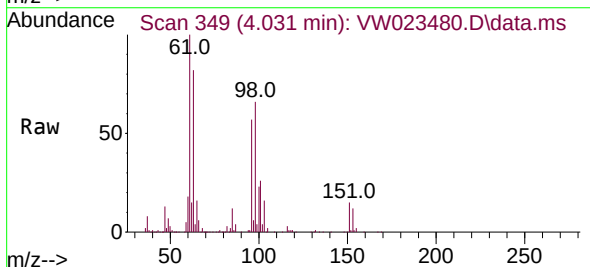
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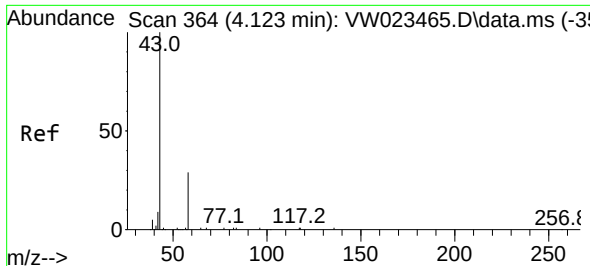
Tgt Ion:101 Resp: 111048
 Ion Ratio Lower Upper
 101 100
 85 46.1 34.3 51.5
 151 68.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.961 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

Tgt Ion: 96 Resp: 93615
 Ion Ratio Lower Upper
 96 100
 61 174.2 125.7 233.5
 63 142.6 83.4 155.0

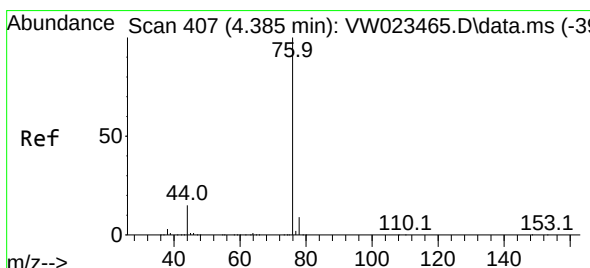
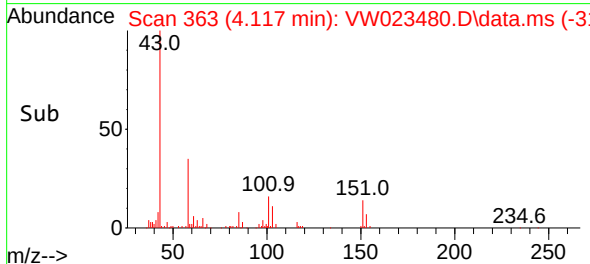
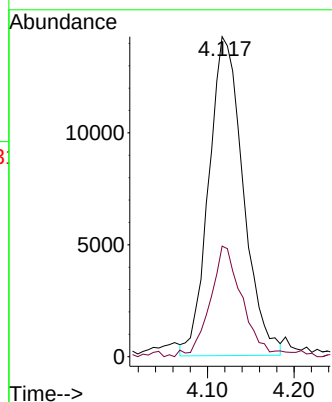
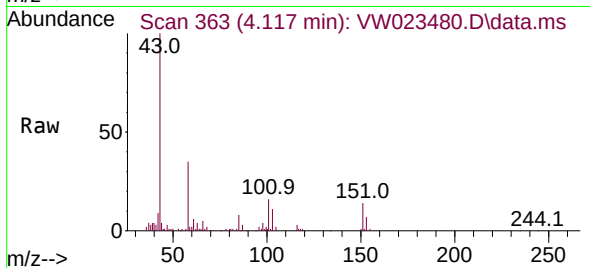




#13
Acetone
Concen: 46.919 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

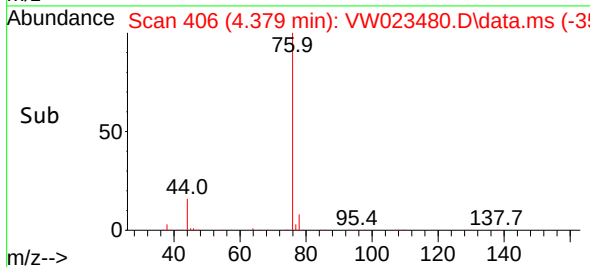
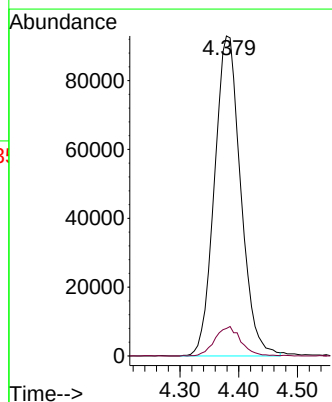
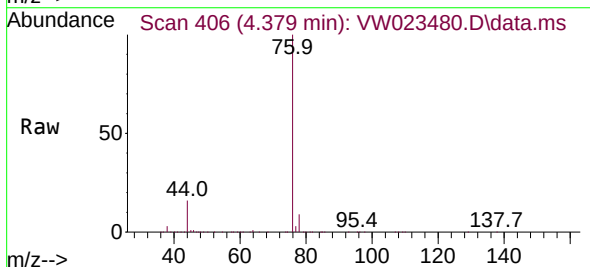
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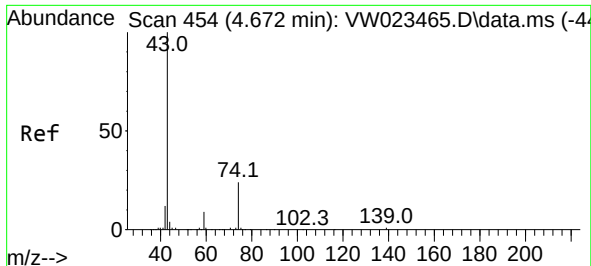
Tgt Ion: 43 Resp: 39344
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.0



#14
Carbon disulfide
Concen: 23.949 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 76 Resp: 287832
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5

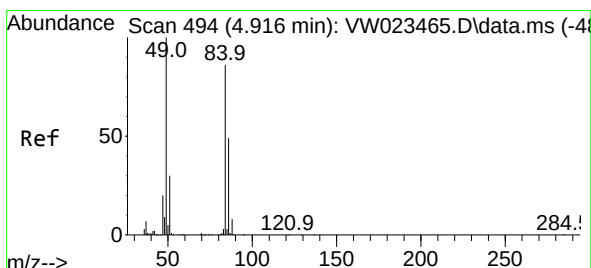
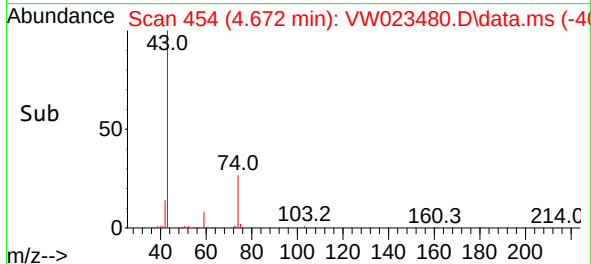
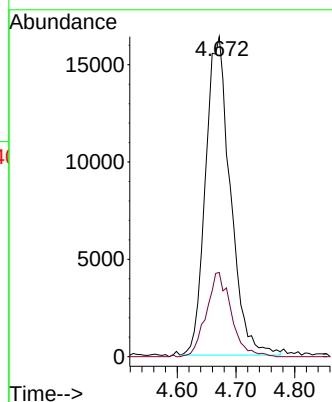
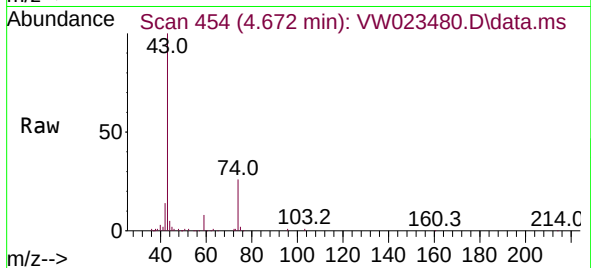




#15
Methyl Acetate
Concen: 25.661 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

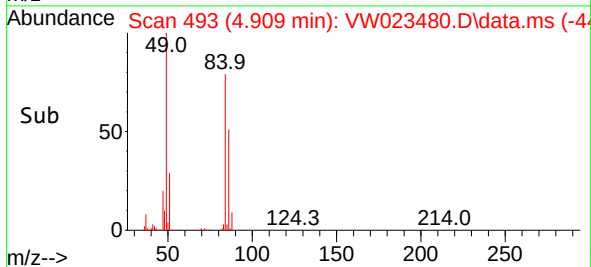
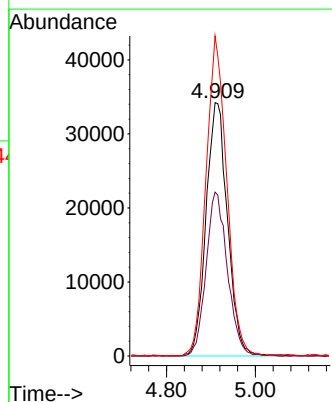
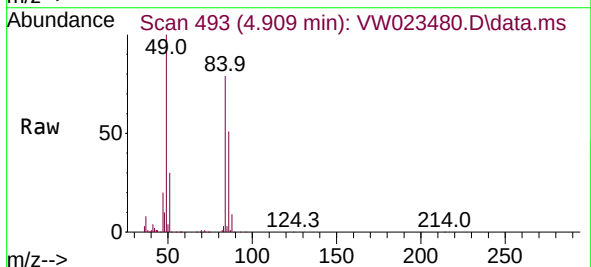
Instrument :
MSVOA_W
ClientSampleId :

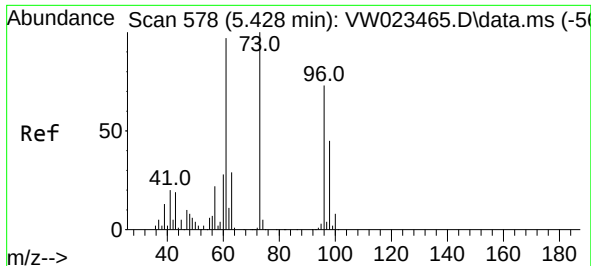
Tgt Ion: 43 Resp: 48042
Ion Ratio Lower Upper
43 100
74 26.3 21.9 32.9



#16
Methylene chloride
Concen: 23.596 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 84 Resp: 114585
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.4
49 126.3 82.5 153.1

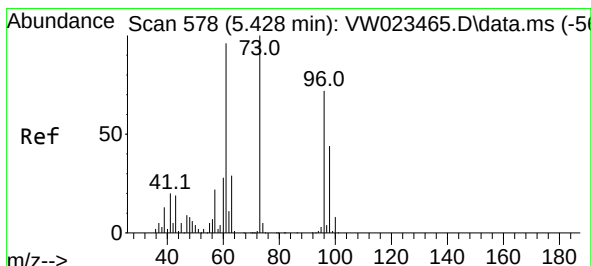
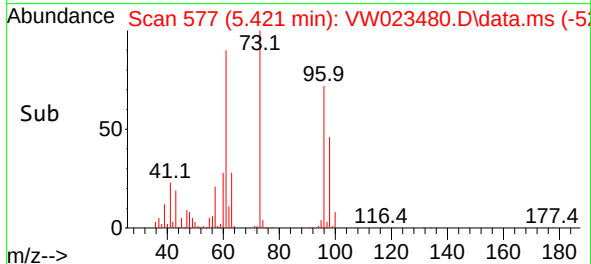
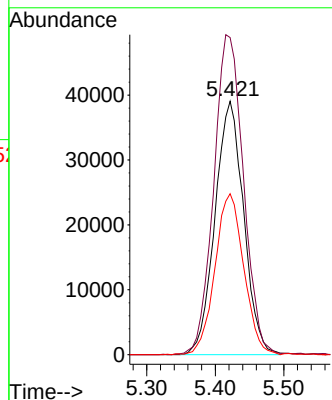
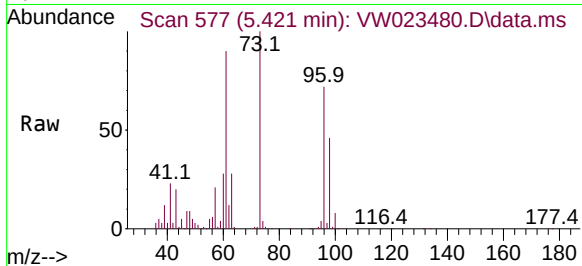




#17
trans-1,2-Dichloroethene
Concen: 24.535 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

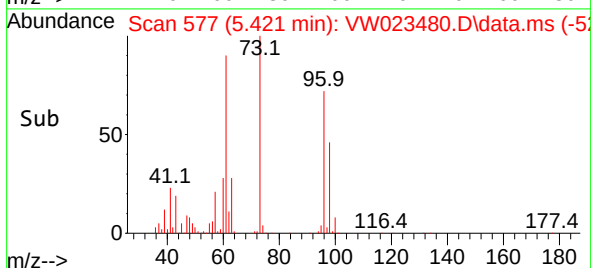
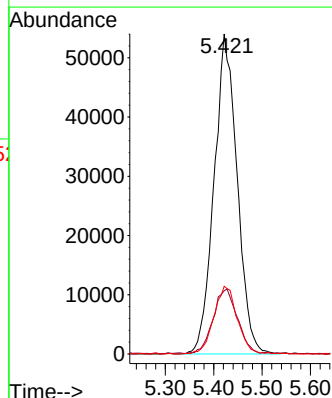
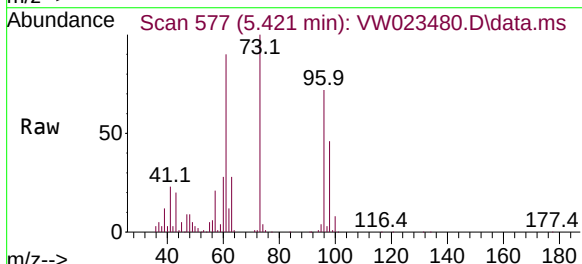
Instrument :
MSVOA_W
ClientSampleId :

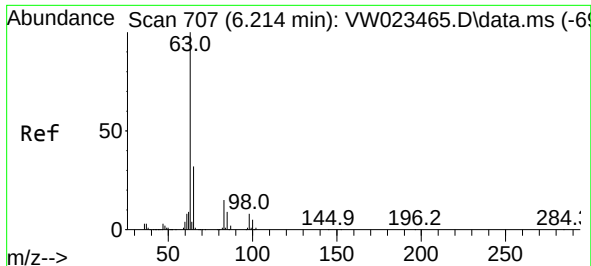
Tgt Ion: 96 Resp: 113494
Ion Ratio Lower Upper
96 100
61 125.1 92.2 171.2
98 63.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.708 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 73 Resp: 178984
Ion Ratio Lower Upper
73 100
43 21.0 15.9 23.9
57 21.4 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.807 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

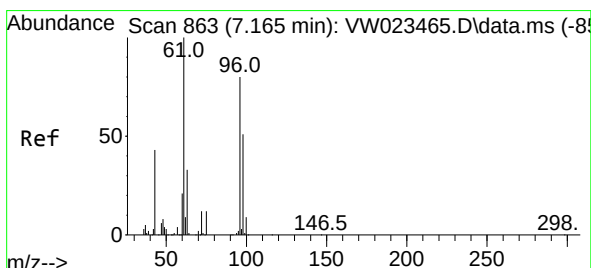
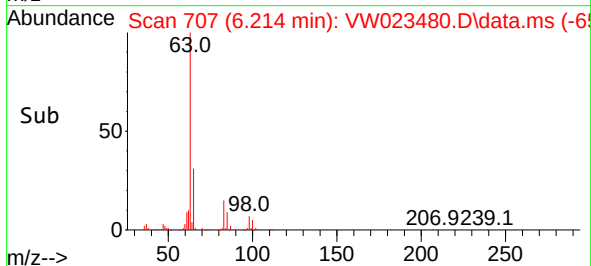
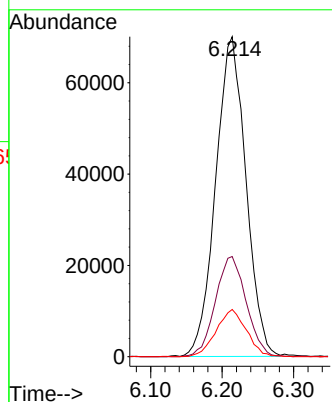
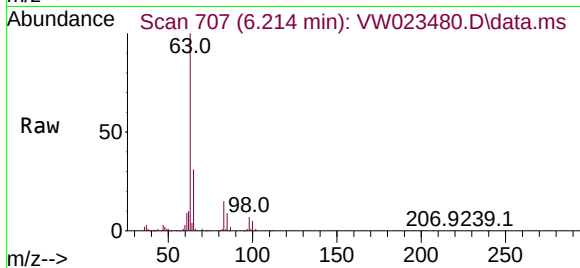
Tgt Ion: 63 Resp: 205547

Ion Ratio Lower Upper

63 100

65 31.3 23.3 43.3

83 14.7 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.910 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

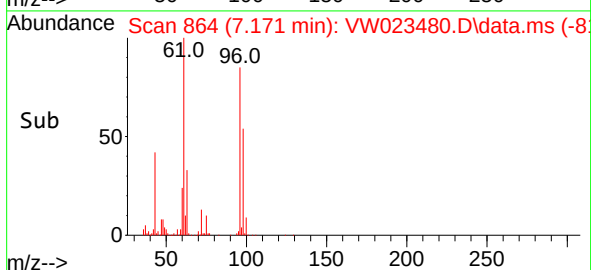
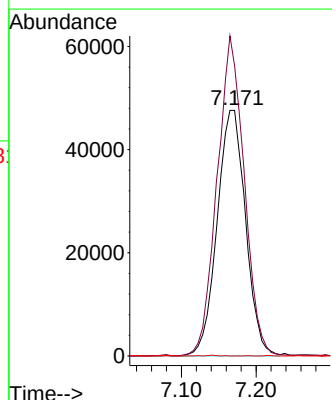
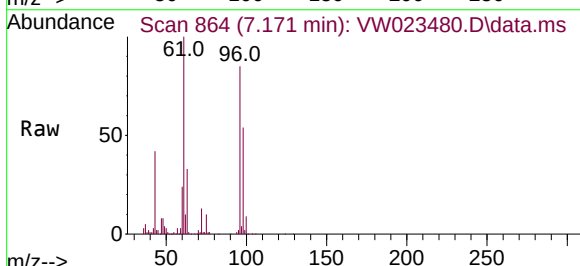
Tgt Ion: 96 Resp: 126015

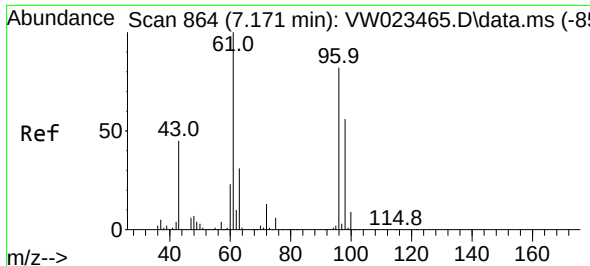
Ion Ratio Lower Upper

96 100

61 118.1 84.2 156.4

68 0.0 0.1 0.1#

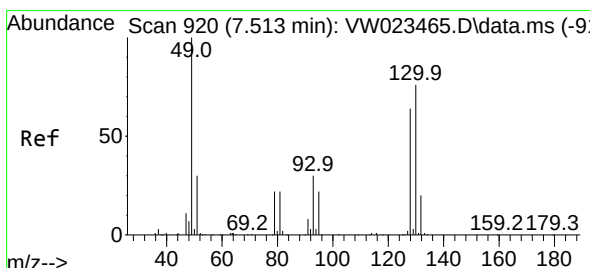
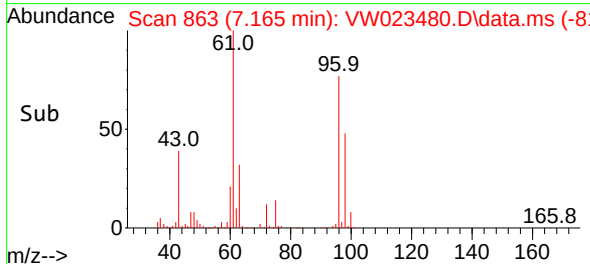
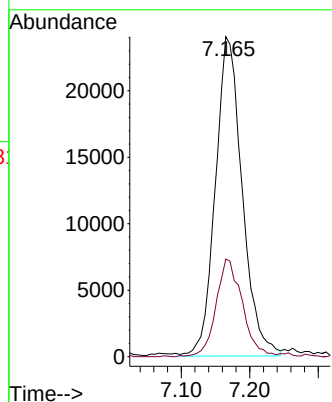
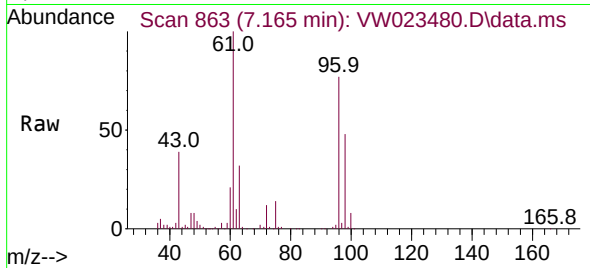




#22
2-Butanone
Concen: 50.862 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

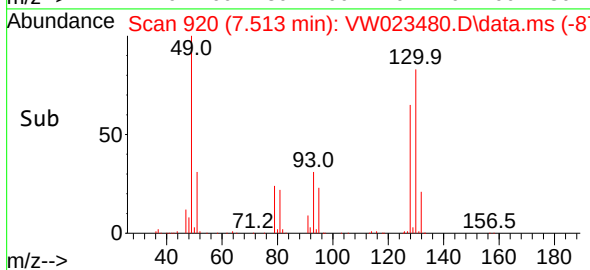
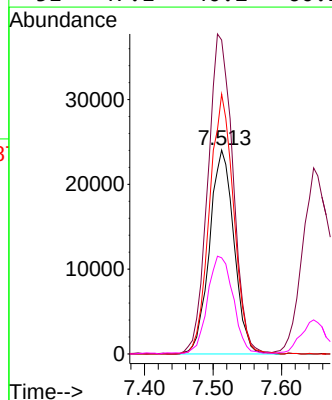
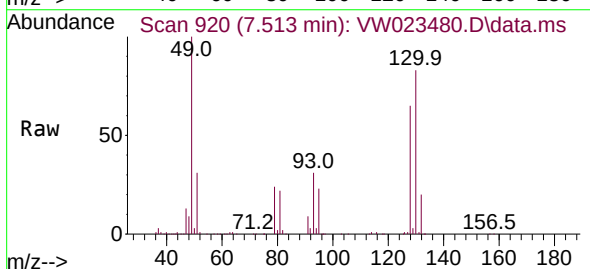
Instrument :
MSVOA_W
ClientSampleId :

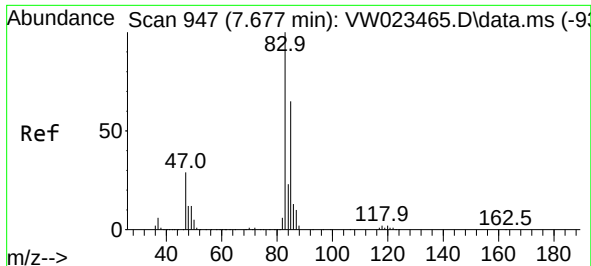
Tgt Ion: 43 Resp: 65281
Ion Ratio Lower Upper
43 100
72 29.8 15.1 45.3



#23
Bromochloromethane
Concen: 25.543 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 128 Resp: 59528
Ion Ratio Lower Upper
128 100
49 154.0 110.0 204.4
130 127.5 94.8 176.0
51 47.1 40.2 60.2

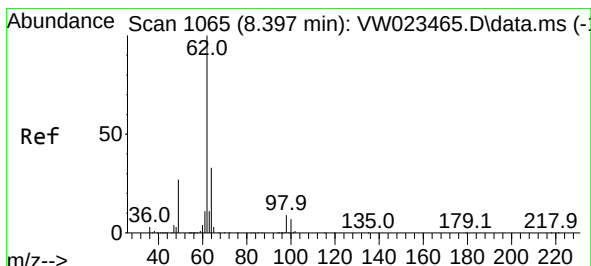
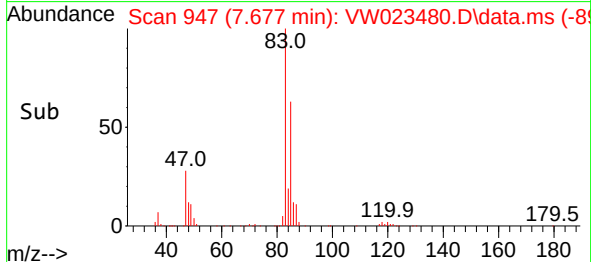
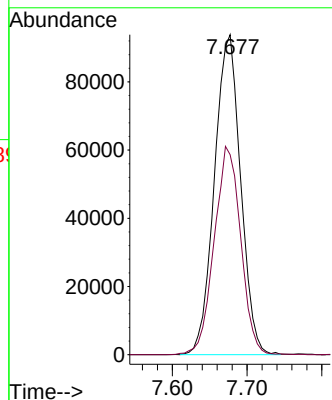
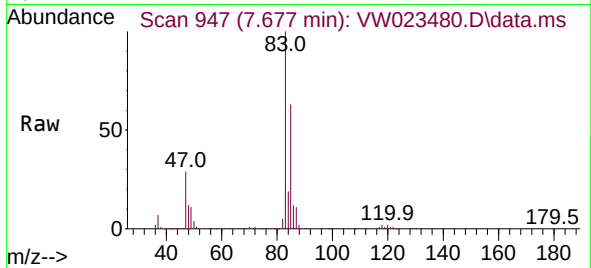




#25
Chloroform
Concen: 24.474 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

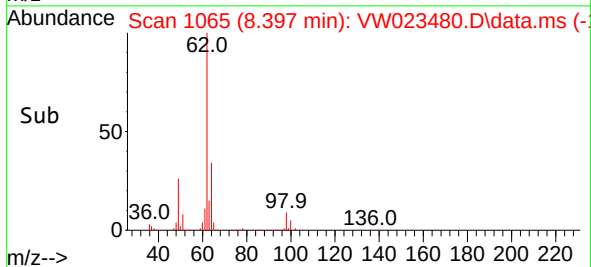
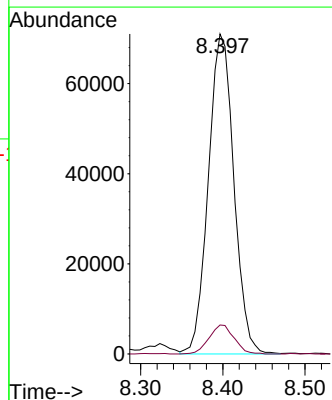
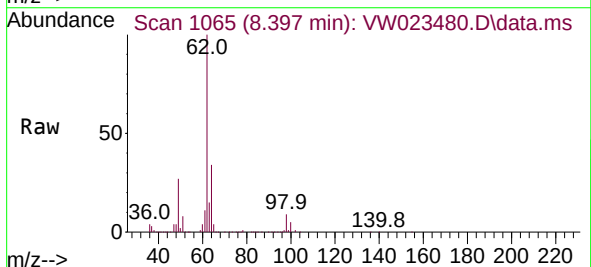
Instrument :
MSVOA_W
ClientSampleId :

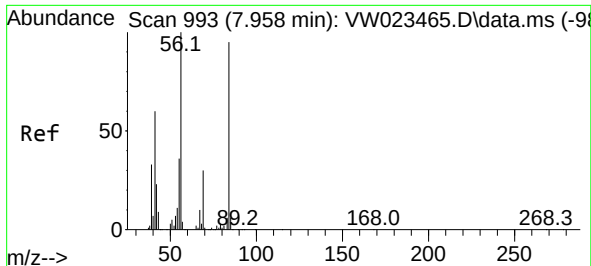
Tgt Ion: 83 Resp: 228844
Ion Ratio Lower Upper
83 100
85 62.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.790 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 62 Resp: 153306
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 23.440 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

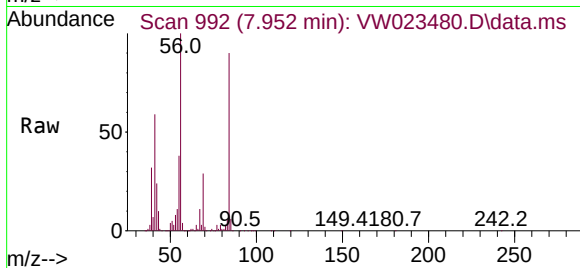
Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :



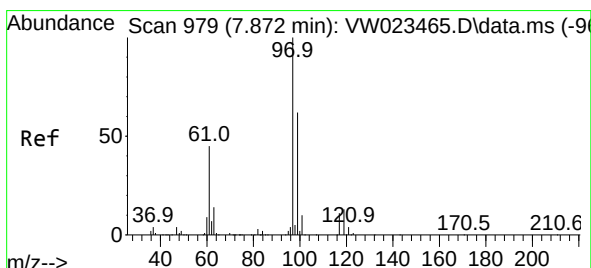
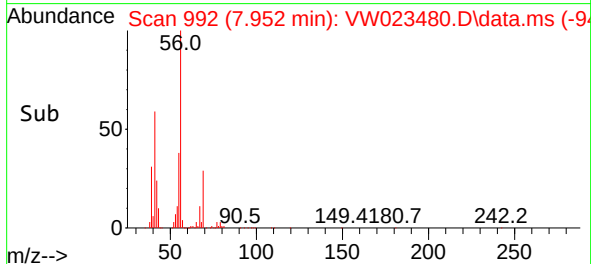
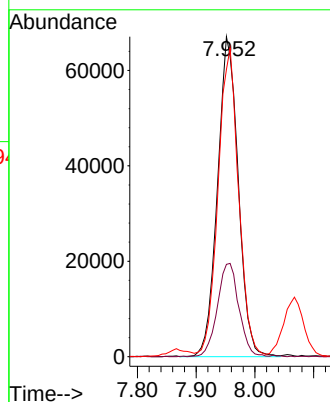
Tgt Ion: 56 Resp: 164613

Ion Ratio Lower Upper

56 100

69 30.2 25.6 38.4

84 95.4 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 22.999 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

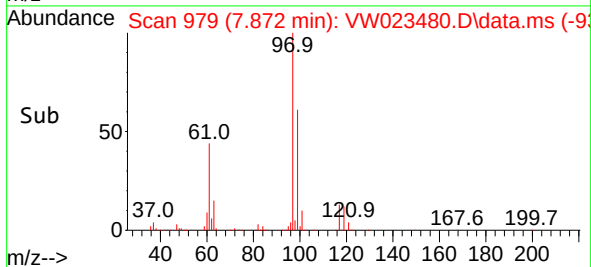
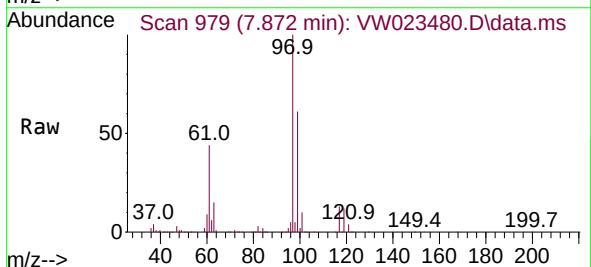
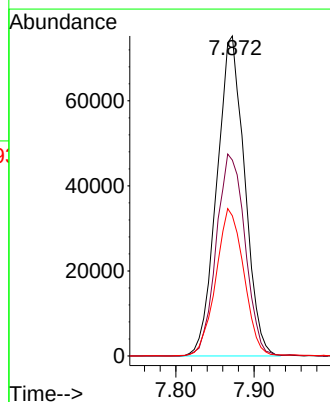
Tgt Ion: 97 Resp: 185621

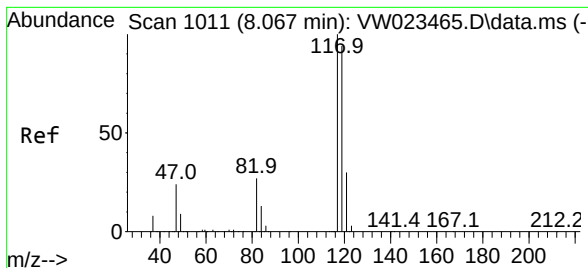
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 46.5 34.8 52.2

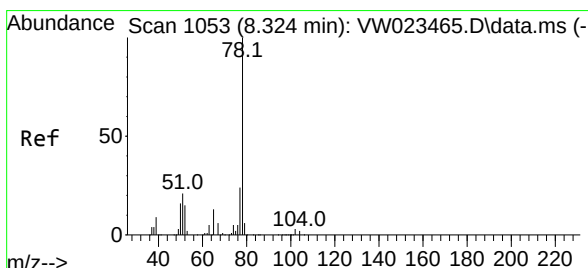
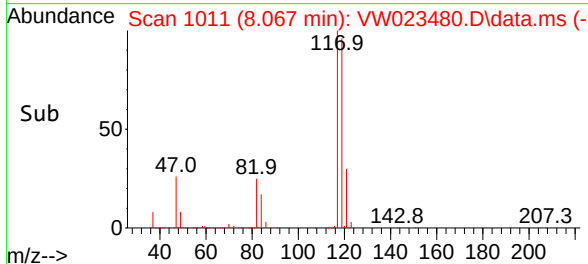
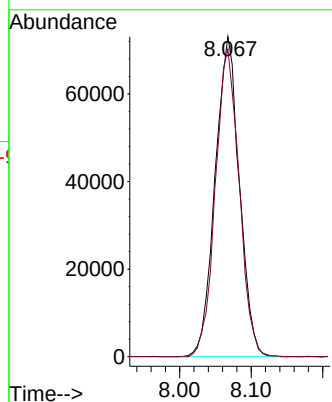
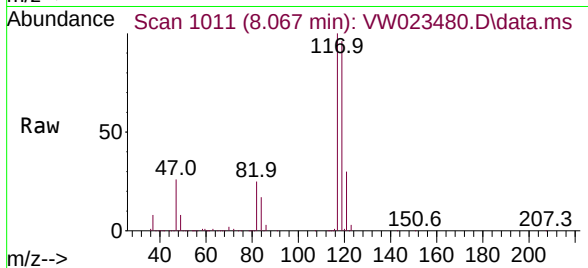




#31
Carbon tetrachloride
Concen: 23.104 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

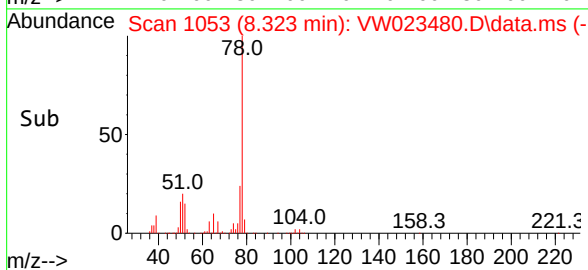
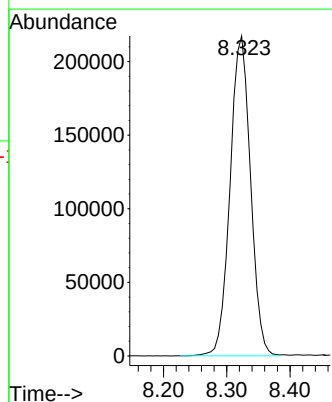
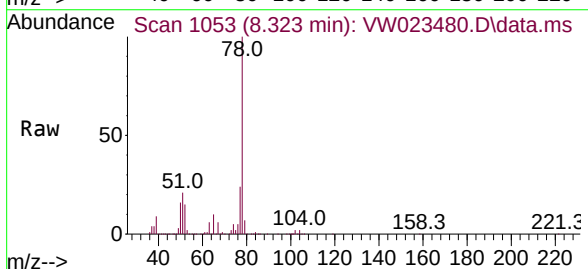
Instrument :
MSVOA_W
ClientSampleId :

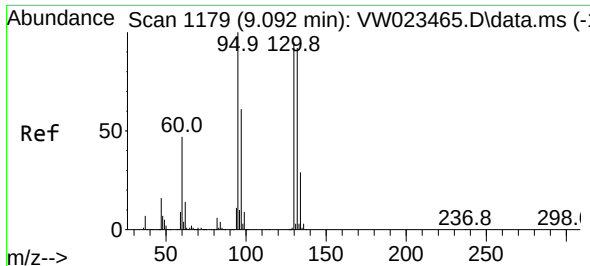
Tgt Ion:117 Resp: 171786
Ion Ratio Lower Upper
117 100
119 94.6 76.6 115.0



#33
Benzene
Concen: 24.235 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

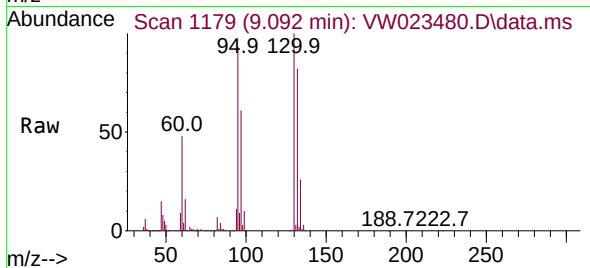
Tgt Ion: 78 Resp: 488140



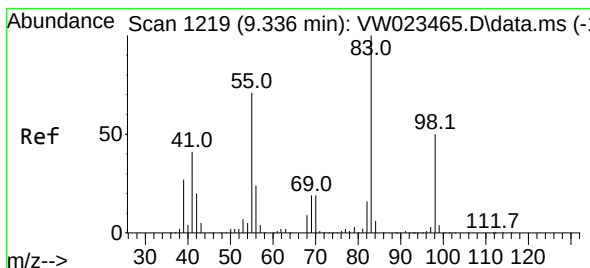
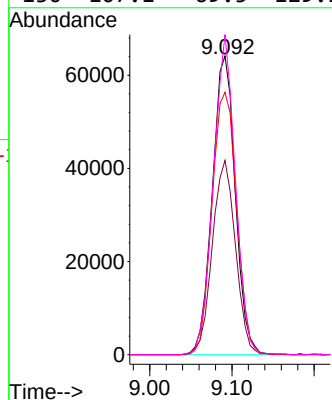
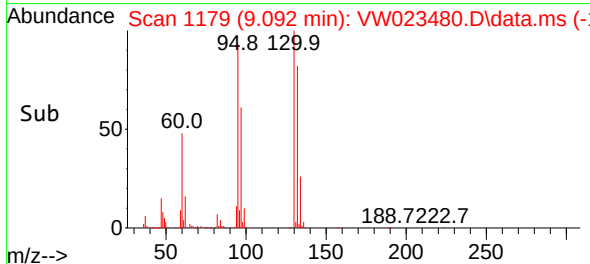


#34
Trichloroethene
Concen: 23.110 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Instrument :
MSVOA_W
ClientSampleId :

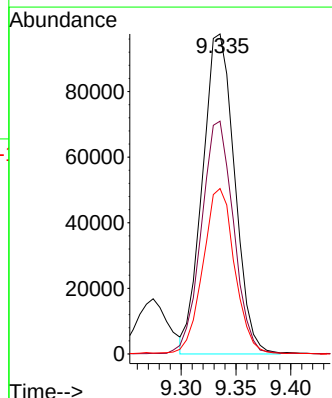
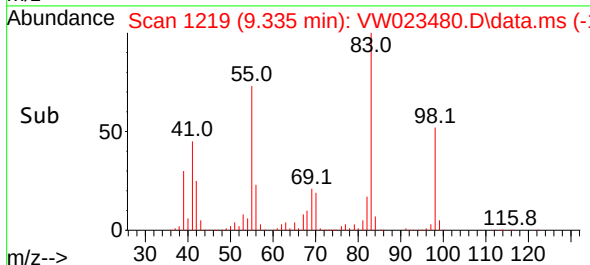
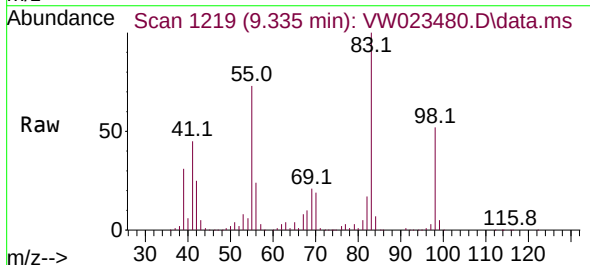


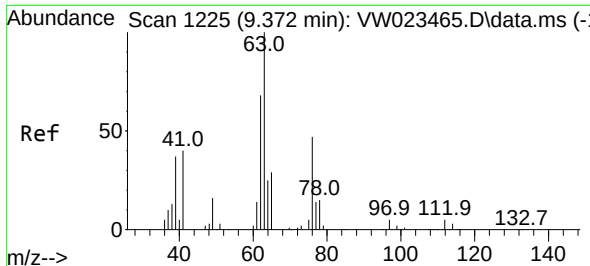
Tgt Ion: 95 Resp: 124765
Ion Ratio Lower Upper
95 100
97 65.0 46.1 85.7
132 87.9 66.9 124.3
130 107.1 69.5 129.1



#35
Methylcyclohexane
Concen: 22.790 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 83 Resp: 199189
Ion Ratio Lower Upper
83 100
55 72.6 55.1 82.7
98 50.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.623 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

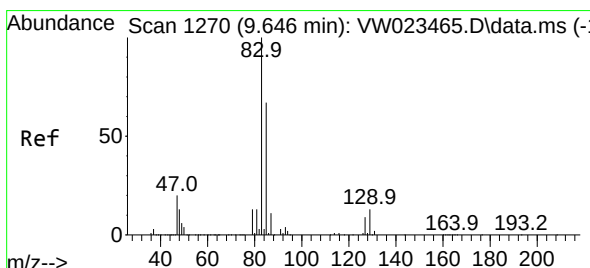
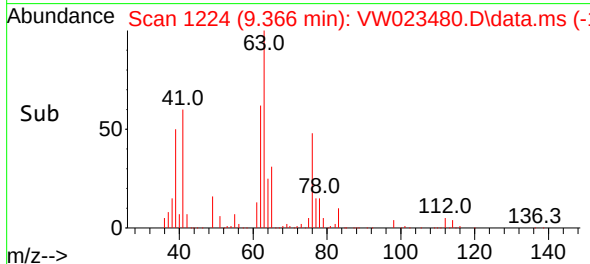
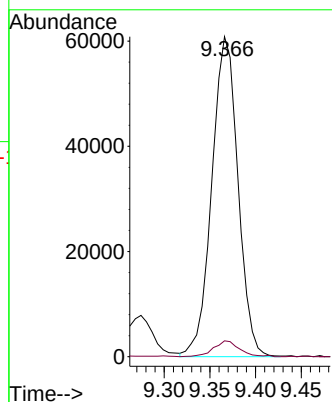
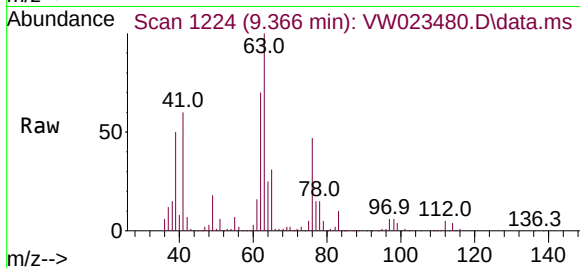
ClientSampleId :

Tgt Ion: 63 Resp: 121200

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 24.370 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

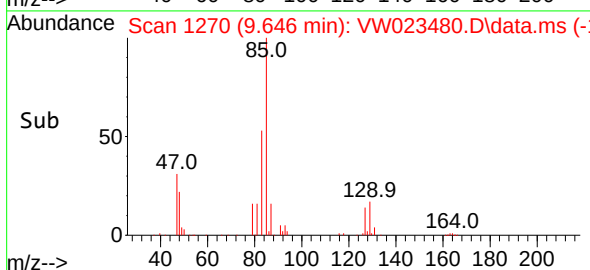
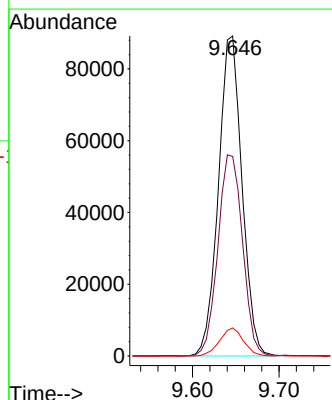
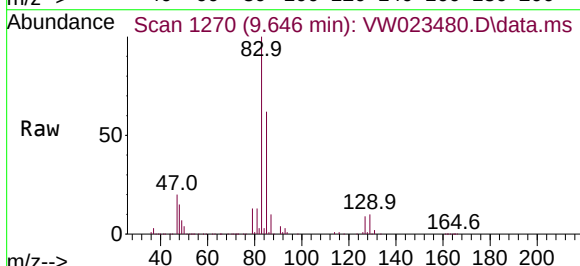
Tgt Ion: 83 Resp: 168711

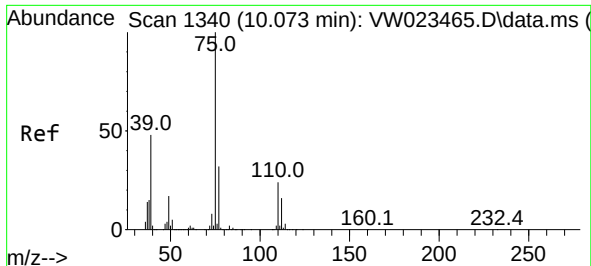
Ion Ratio Lower Upper

83 100

85 62.4 43.5 80.7

127 8.8 7.1 10.7

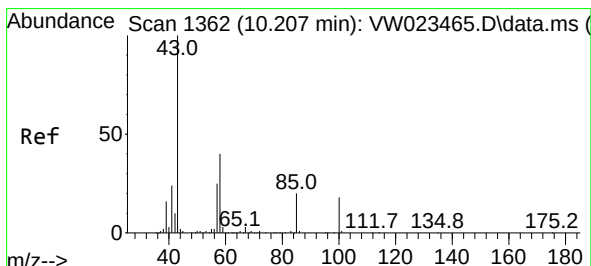
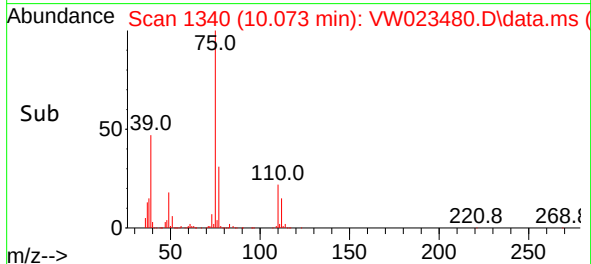
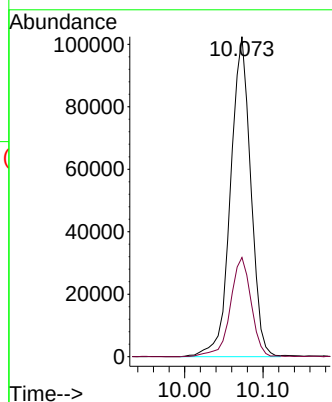
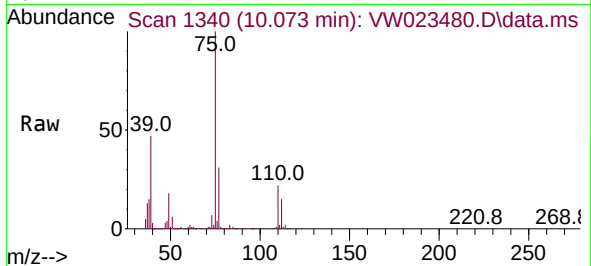




#39
 cis-1,3-Dichloropropene
 Concen: 24.342 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

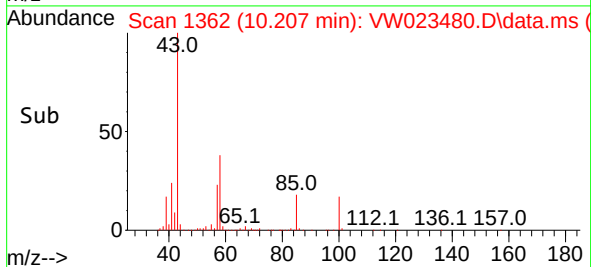
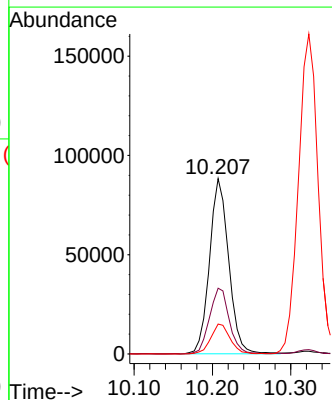
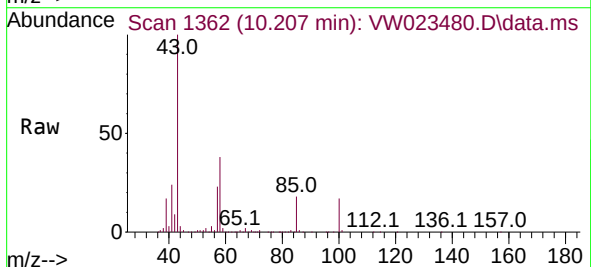
Instrument :
 MSVOA_W
 ClientSampleId :

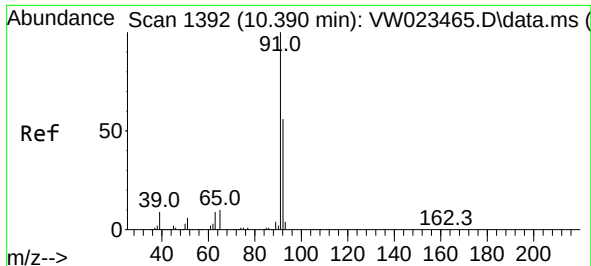
Tgt Ion: 75 Resp: 183607
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 53.536 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

Tgt Ion: 43 Resp: 150300
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.4 47.2
 100 17.2 14.2 21.4

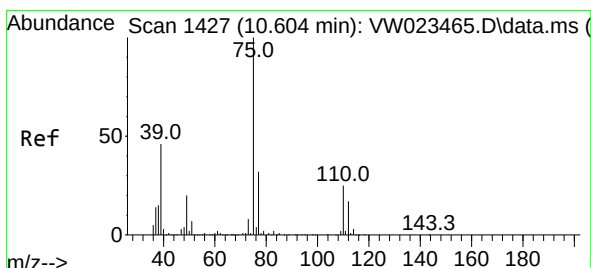
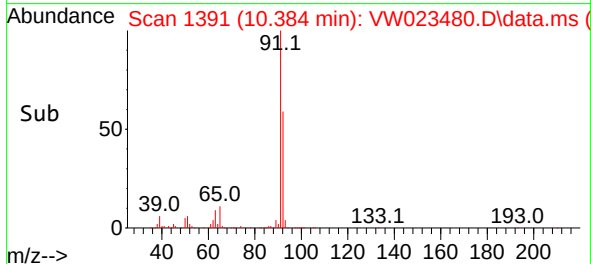
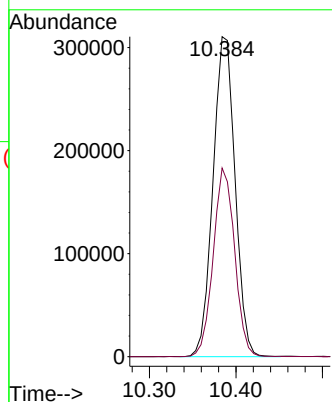
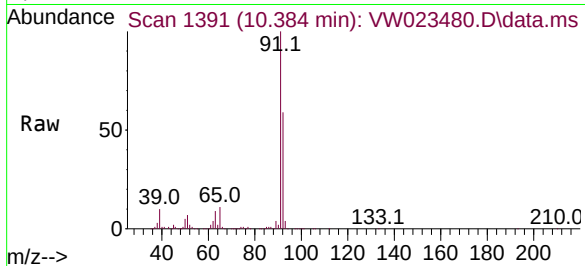




#42
Toluene
Concen: 24.457 ug/L
RT: 10.384 min Scan# 1392
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

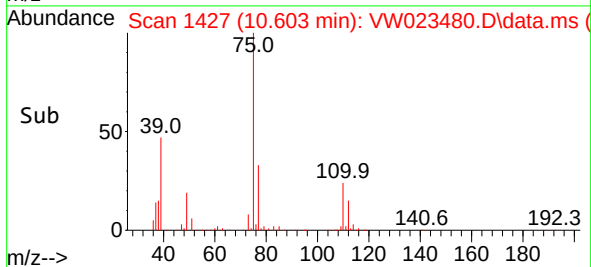
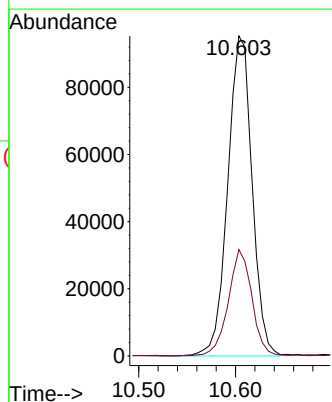
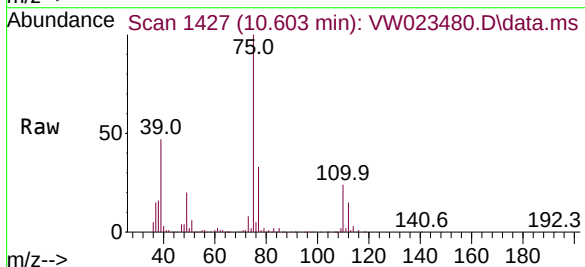
Instrument :
MSVOA_W
ClientSampleId :

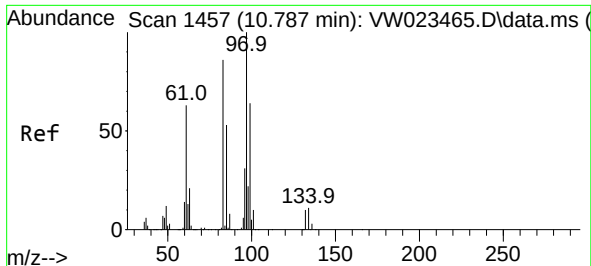
Tgt Ion: 91 Resp: 550370
Ion Ratio Lower Upper
91 100
92 58.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.504 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

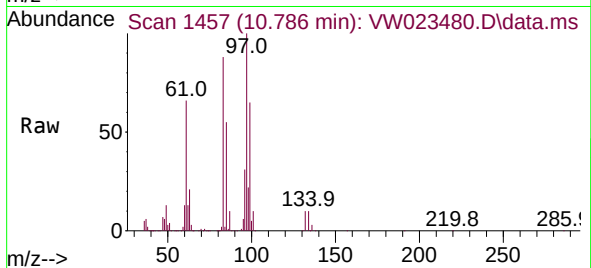
Tgt Ion: 75 Resp: 166784
Ion Ratio Lower Upper
75 100
77 33.2 22.0 40.8



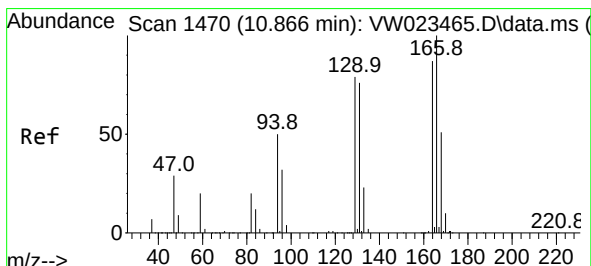
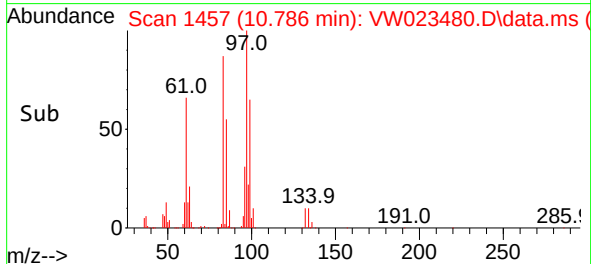
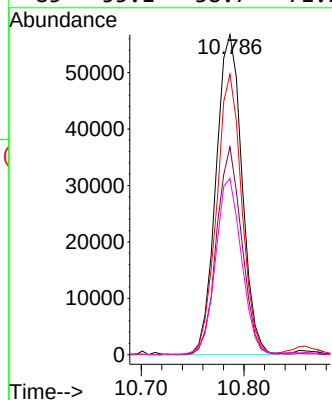


#45
1,1,2-Trichloroethane
Concen: 24.705 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Instrument :
MSVOA_W
ClientSampleId :

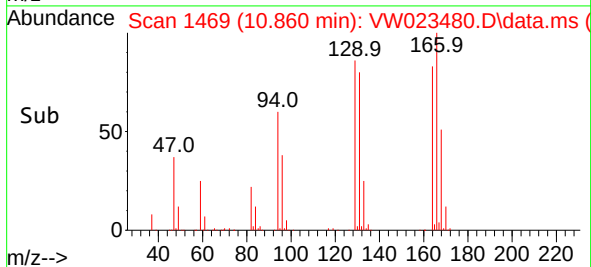
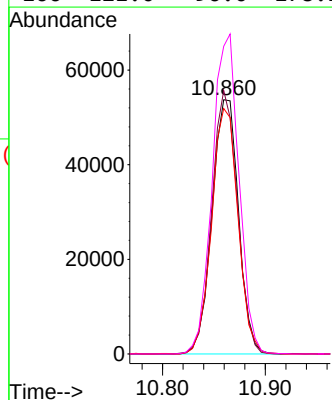
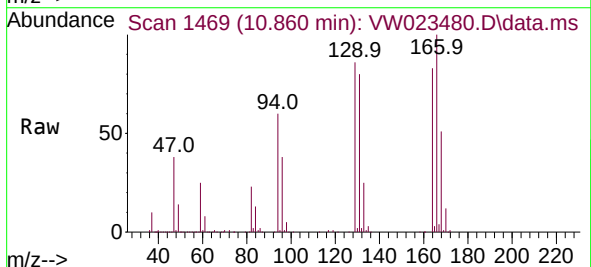


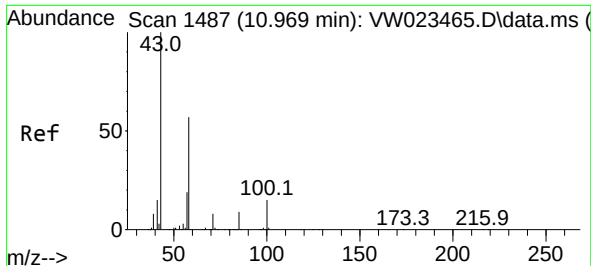
Tgt Ion:	97	Resp:	99889
Ion	Ratio	Lower	Upper
97	100		
99	65.0	44.7	82.9
83	87.7	58.4	108.4
85	55.1	38.7	71.9



#46
Tetrachloroethene
Concen: 23.077 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

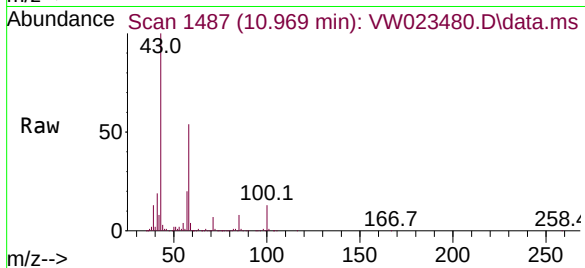
Tgt Ion:	164	Resp:	96178
Ion	Ratio	Lower	Upper
164	100		
129	103.6	76.9	142.7
131	96.5	75.1	139.5
166	121.0	96.0	178.2



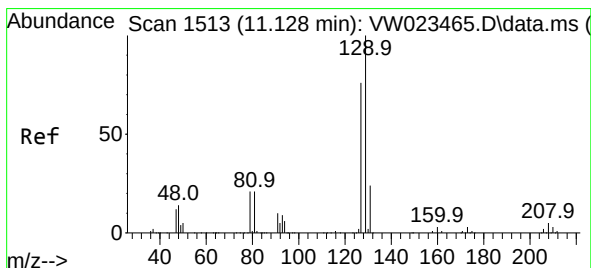
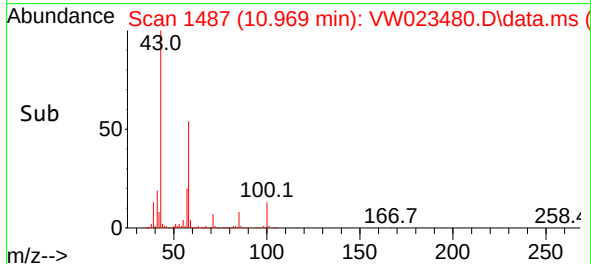
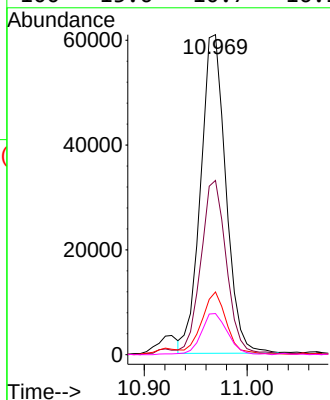


#48
2-Hexanone
Concen: 54.685 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Instrument :
MSVOA_W
ClientSampleId :

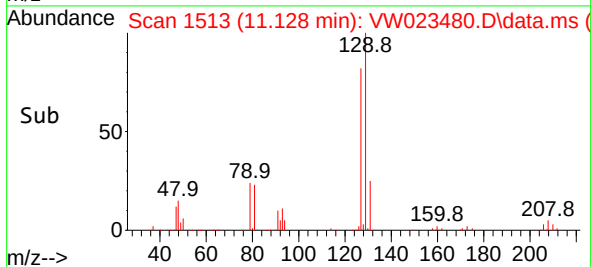
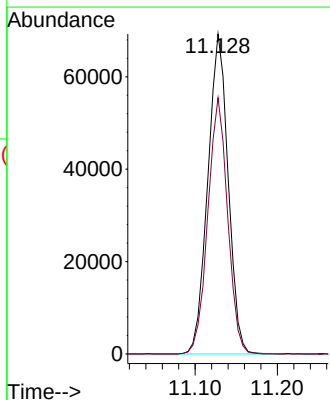
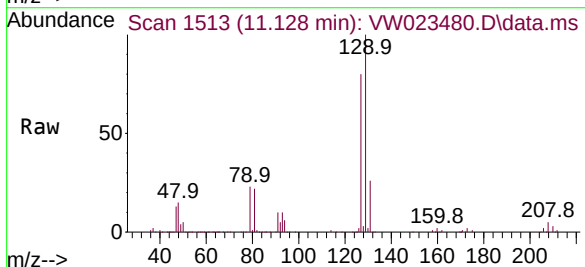


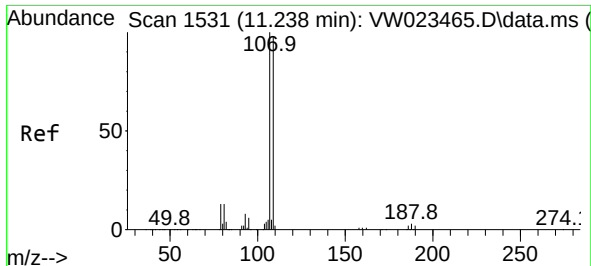
Tgt Ion: 43 Resp: 103755
Ion Ratio Lower Upper
43 100
58 56.0 45.9 68.9
57 19.3 16.2 24.2
100 13.6 10.7 16.1



#49
Dibromochloromethane
Concen: 25.156 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 129 Resp: 119120
Ion Ratio Lower Upper
129 100
127 80.0 53.8 100.0





#50

1,2-Dibromoethane

Concen: 25.274 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW023480.D

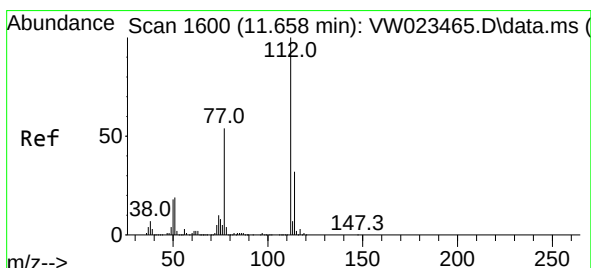
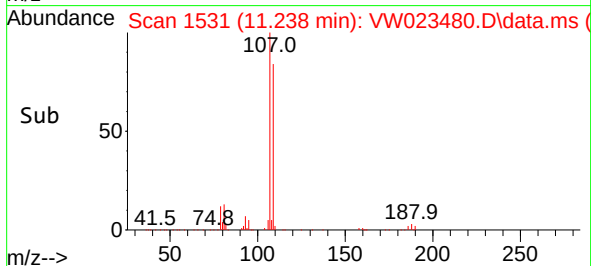
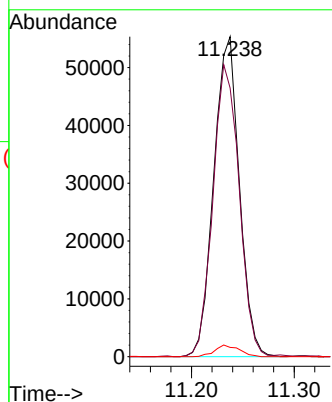
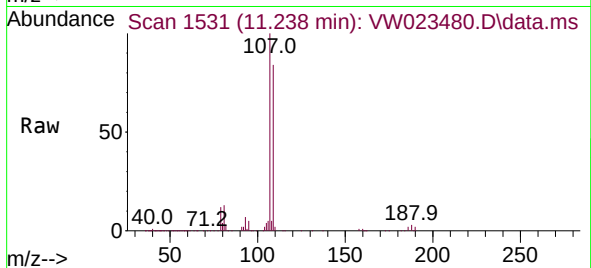
Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	95526
Ion	Ratio	Lower	Upper
107	100		
109	83.9	67.5	125.4
188	2.9	2.9	4.3



#51

Chlorobenzene

Concen: 24.073 ug/L

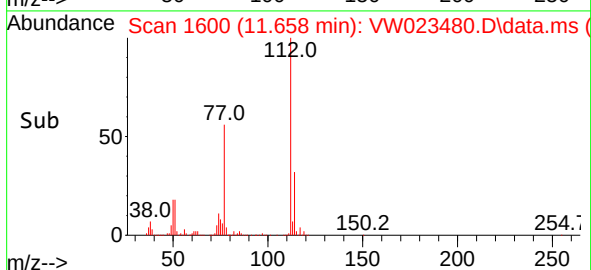
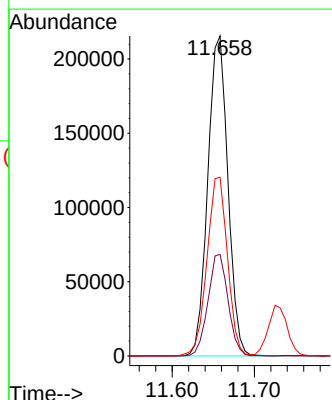
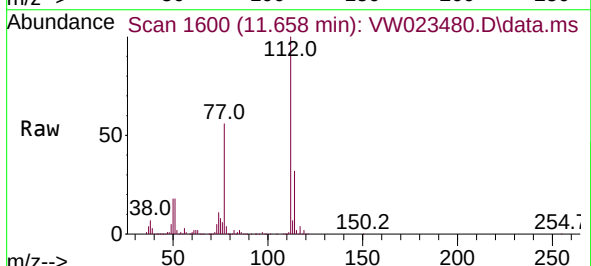
RT: 11.658 min Scan# 1600

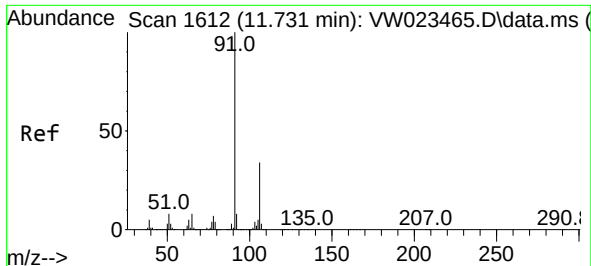
Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Tgt Ion:	112	Resp:	365606
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	41.0
77	55.8	42.6	63.8

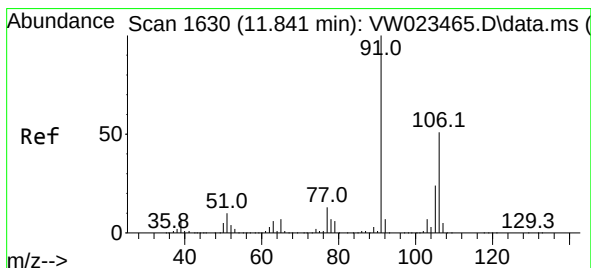
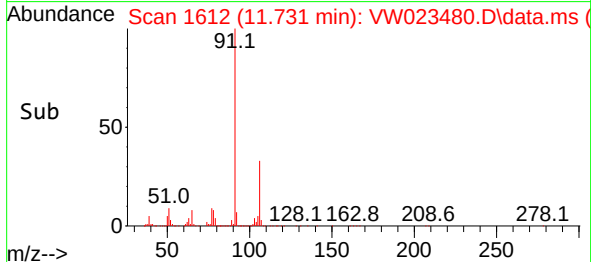
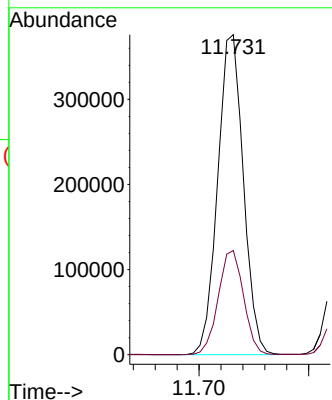
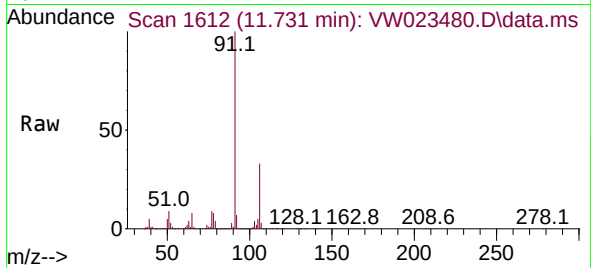




#52
Ethylbenzene
Concen: 23.936 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

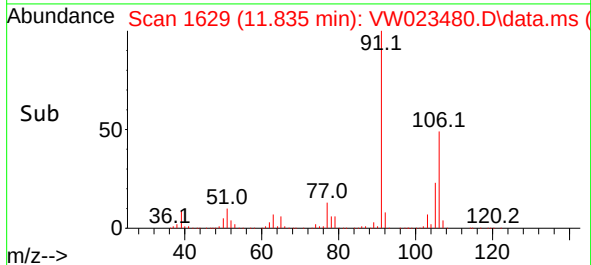
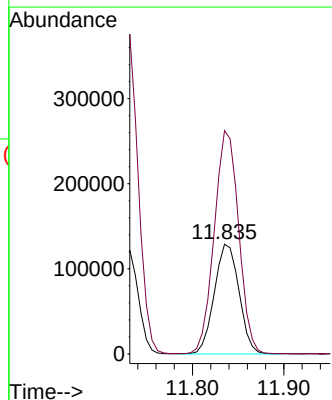
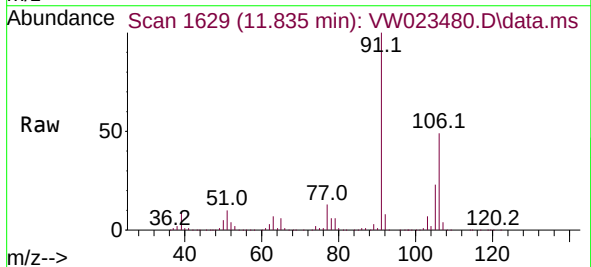
Instrument :
MSVOA_W
ClientSampleId :

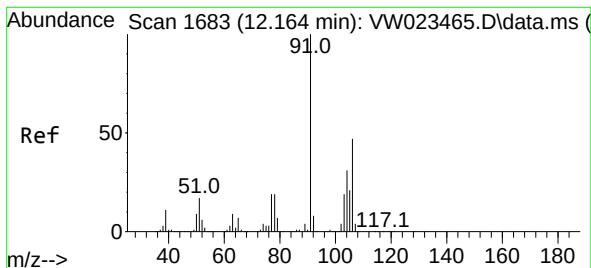
Tgt Ion: 91 Resp: 612196
Ion Ratio Lower Upper
91 100
106 32.6 22.3 41.3



#53
m,p-Xylene
Concen: 24.370 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion:106 Resp: 242583
Ion Ratio Lower Upper
106 100
91 203.5 136.8 254.0





#54

o-Xylene

Concen: 24.962 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

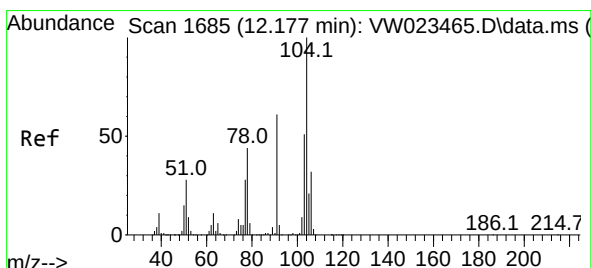
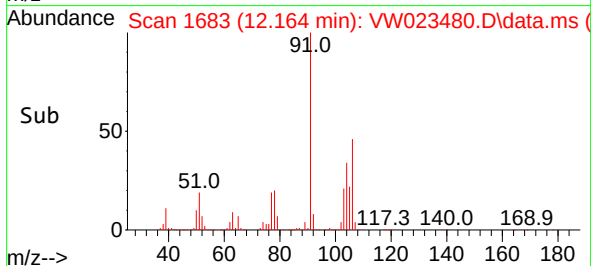
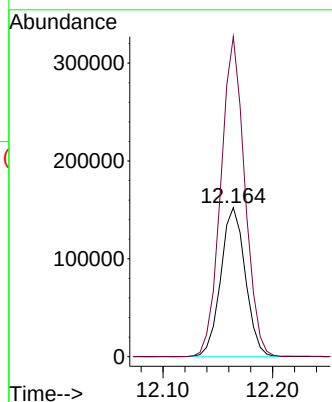
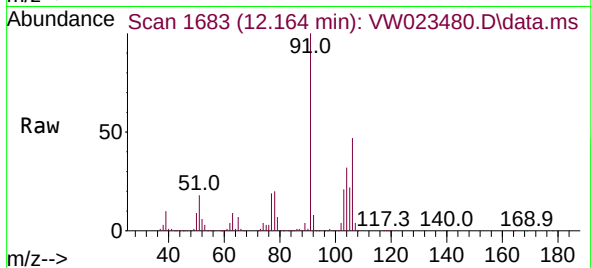
ClientSampleId :

Tgt Ion:106 Resp: 237457

Ion Ratio Lower Upper

106 100

91 214.6 147.2 273.4



#55

Styrene

Concen: 25.322 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023480.D

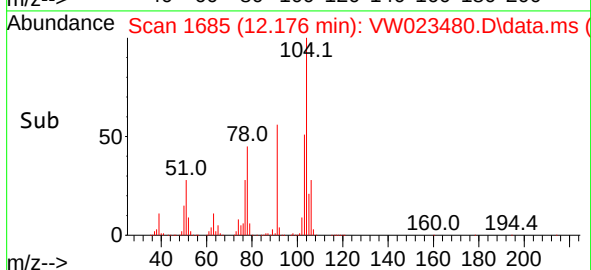
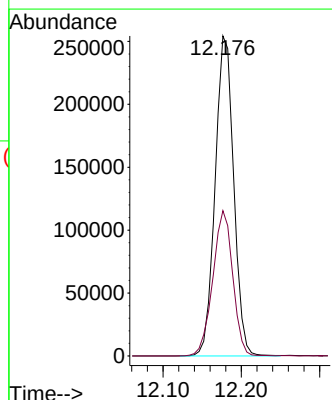
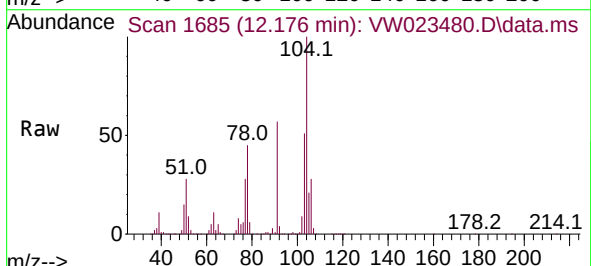
Acq: 13 Jun 2022 16:00

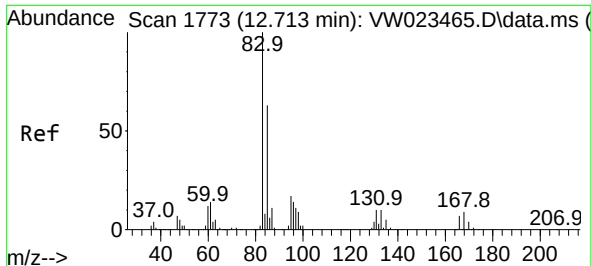
Tgt Ion:104 Resp: 418828

Ion Ratio Lower Upper

104 100

78 45.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.704 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

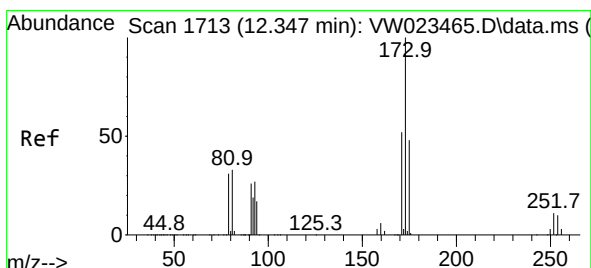
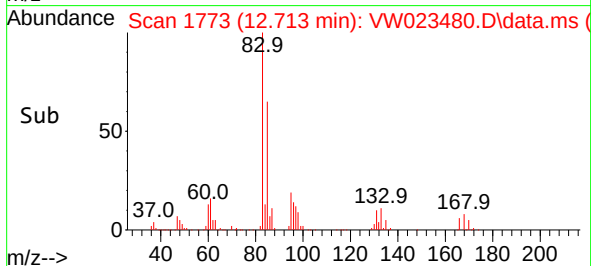
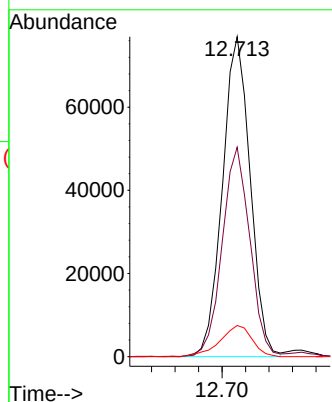
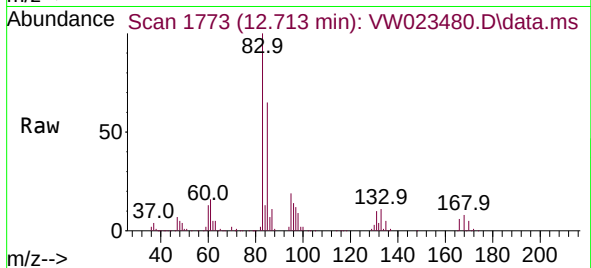
Tgt Ion: 83 Resp: 126211

Ion Ratio Lower Upper

83 100

85 65.5 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 24.623 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

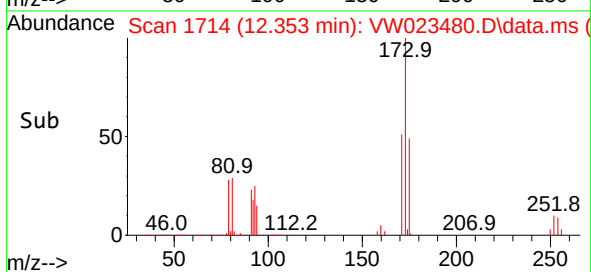
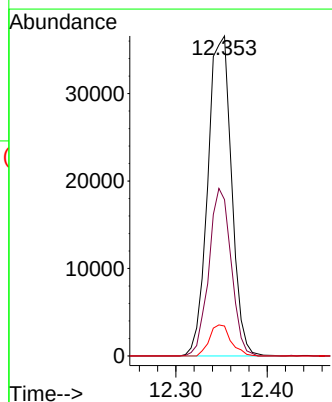
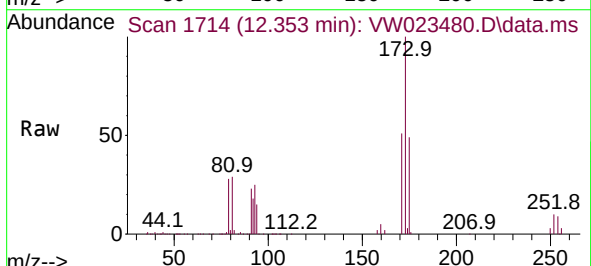
Tgt Ion:173 Resp: 65976

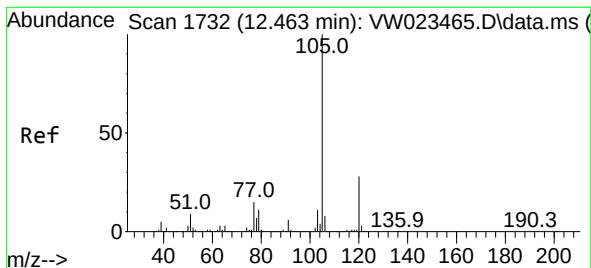
Ion Ratio Lower Upper

173 100

175 49.1 38.1 57.1

254 8.8 6.5 9.7

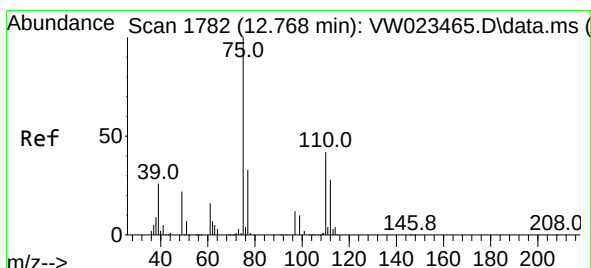
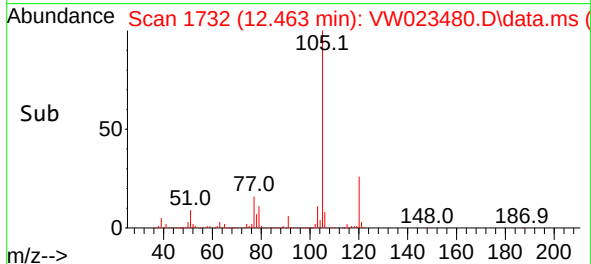
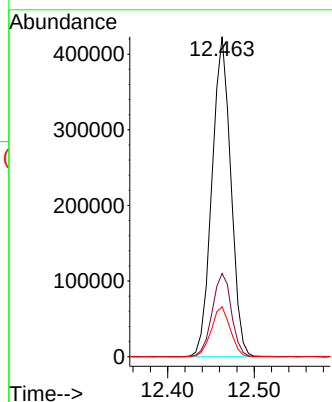
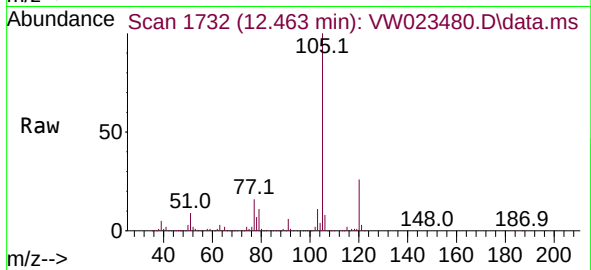




#60
Isopropylbenzene
Concen: 23.704 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

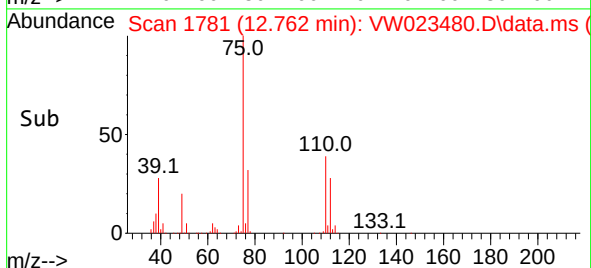
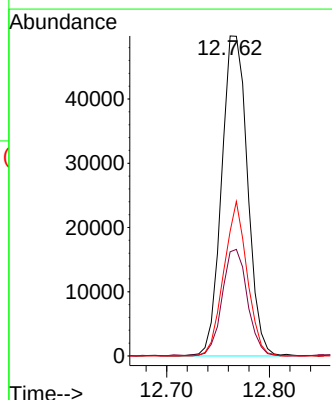
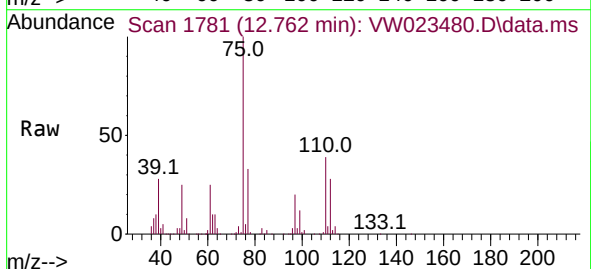
Instrument :
MSVOA_W
ClientSampleId :

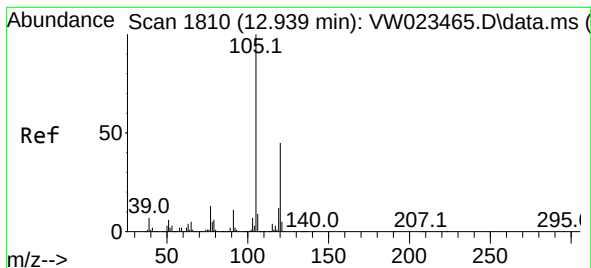
Tgt Ion:105 Resp: 639587
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.292 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion: 75 Resp: 87127
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 43.3 34.1 51.1

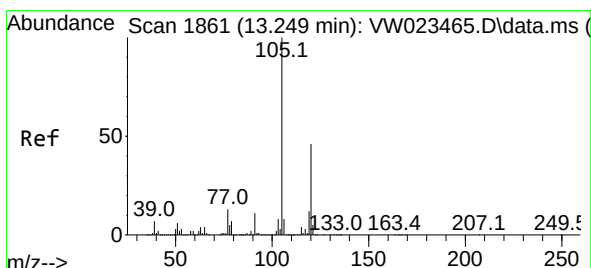
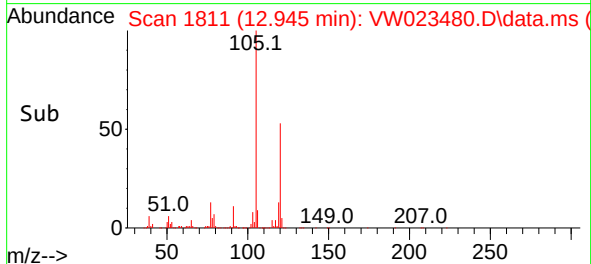
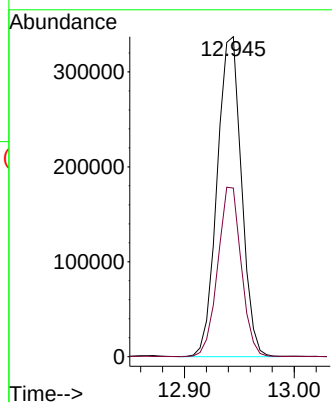
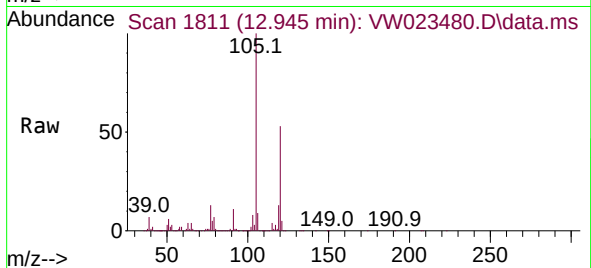




#62
 1,3,5-Trimethylbenzene
 Concen: 23.593 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

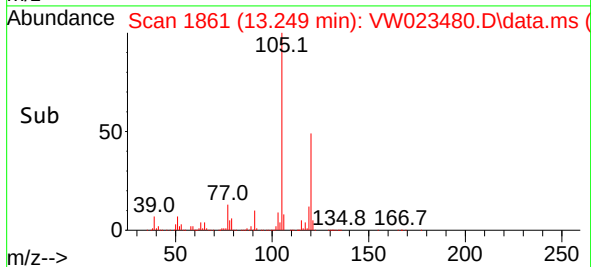
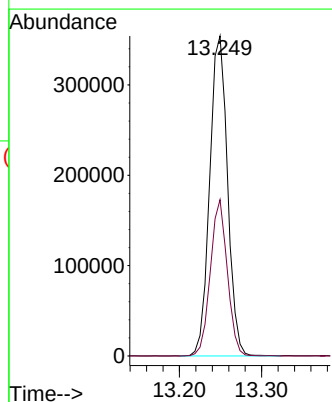
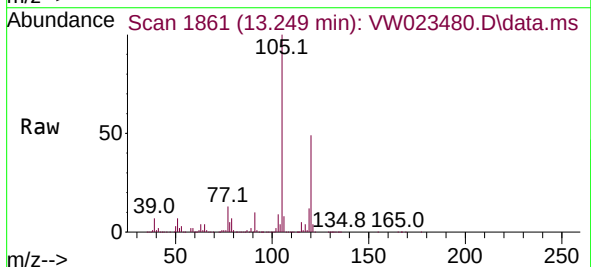
Instrument :
 MSVOA_W
 ClientSampleId :

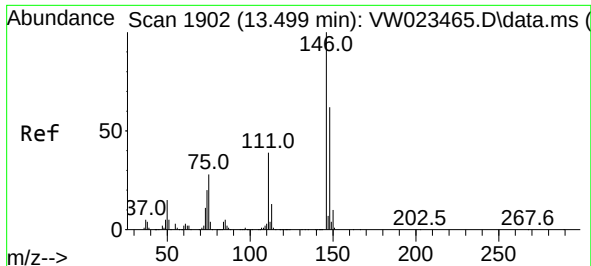
Tgt Ion:105 Resp: 520635
 Ion Ratio Lower Upper
 105 100
 120 51.2 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 24.166 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023480.D
 Acq: 13 Jun 2022 16:00

Tgt Ion:105 Resp: 533666
 Ion Ratio Lower Upper
 105 100
 120 46.3 37.4 56.2

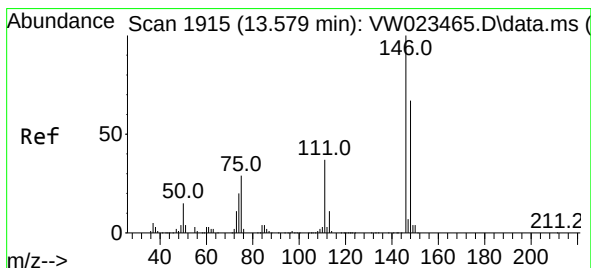
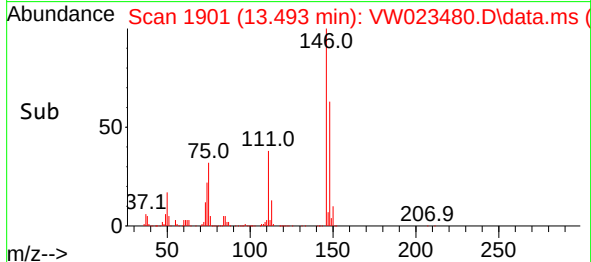
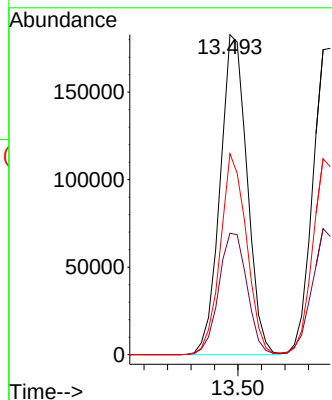
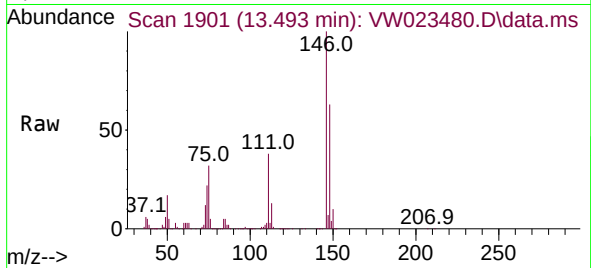




#64
1,3-Dichlorobenzene
Concen: 24.374 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

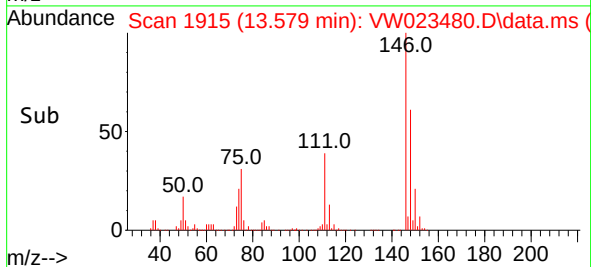
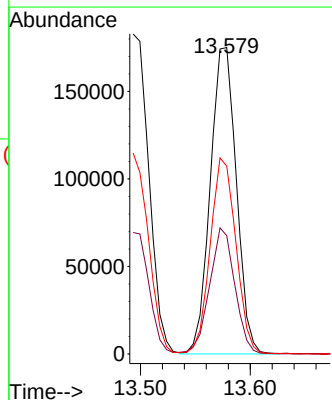
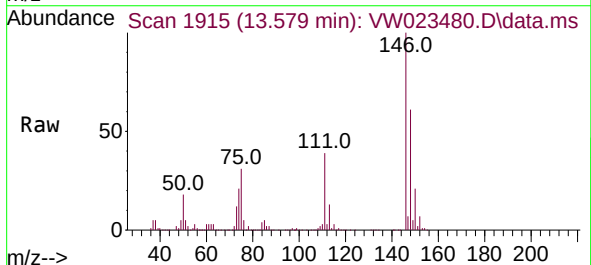
Instrument :
MSVOA_W
ClientSampleId :

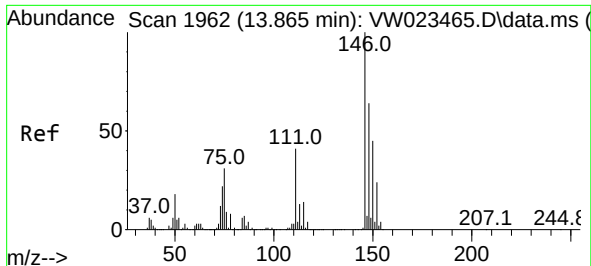
Tgt Ion:146 Resp: 291756
Ion Ratio Lower Upper
146 100
111 38.0 29.5 54.9
148 62.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.731 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023480.D
Acq: 13 Jun 2022 16:00

Tgt Ion:146 Resp: 290050
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.4
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.196 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

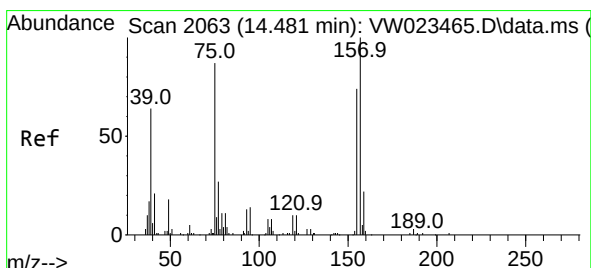
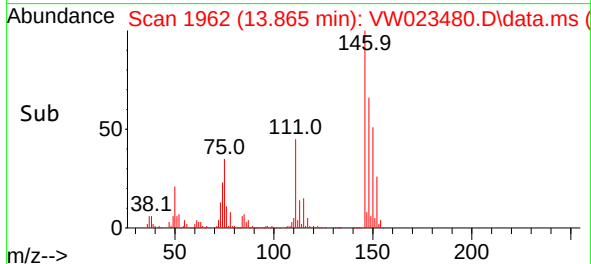
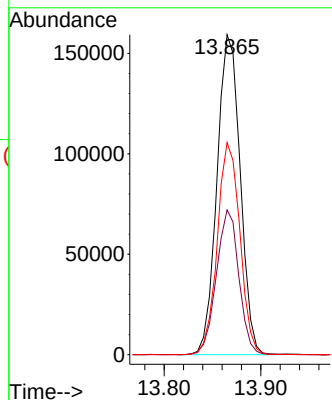
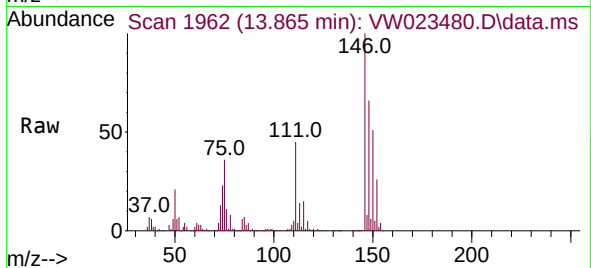
Tgt Ion:146 Resp: 265276

Ion Ratio Lower Upper

146 100

111 45.3 35.7 53.5

148 66.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.081 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

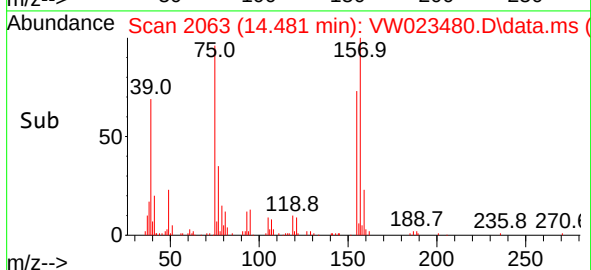
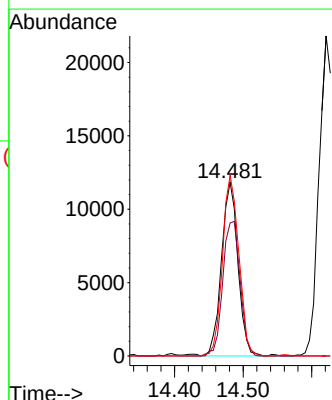
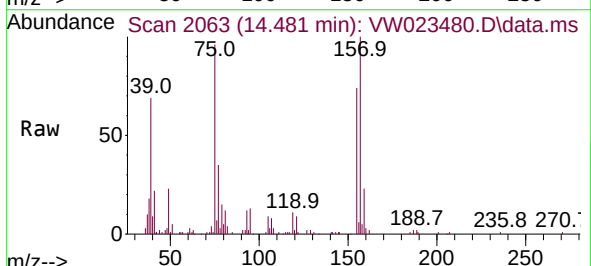
Tgt Ion: 75 Resp: 19863

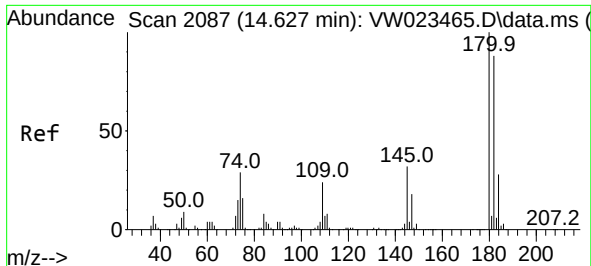
Ion Ratio Lower Upper

75 100

155 76.6 59.3 88.9

157 104.1 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 23.299 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

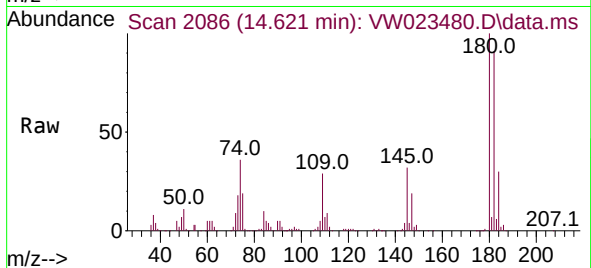
Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 182227

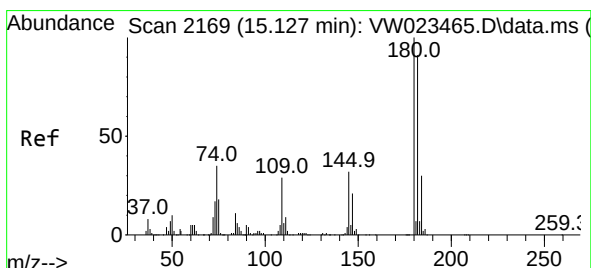
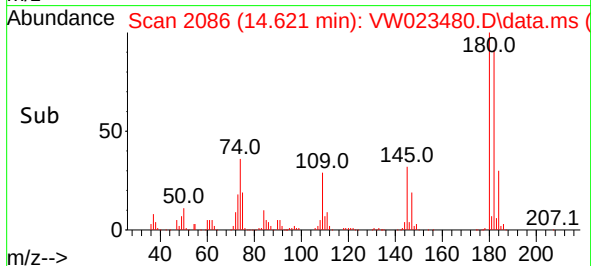
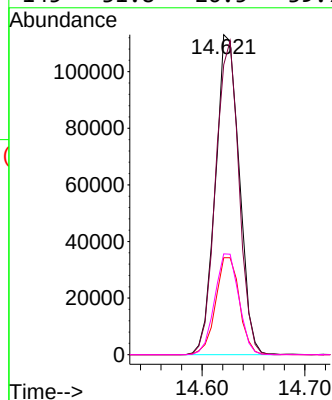
Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

184 30.2 23.4 35.2

145 31.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.403 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

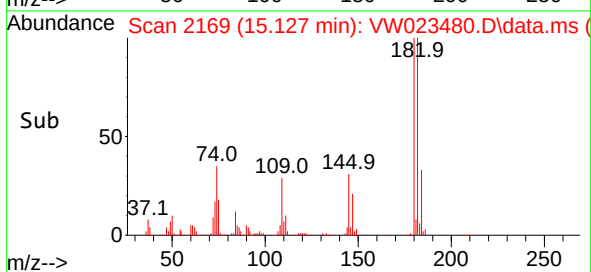
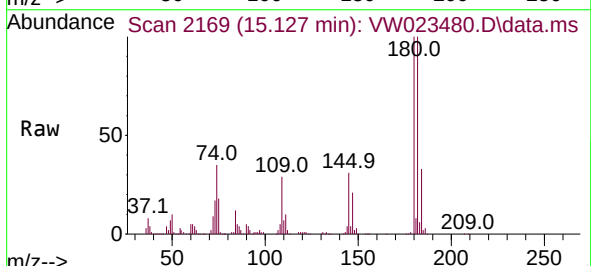
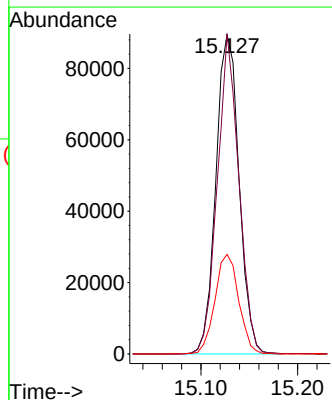
Tgt Ion:180 Resp: 148620

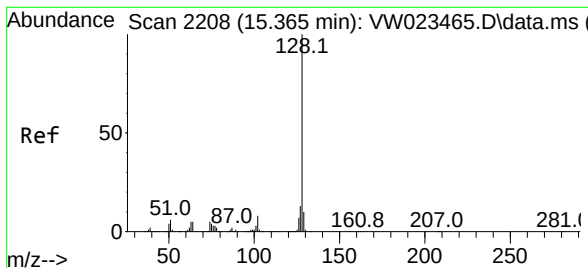
Ion Ratio Lower Upper

180 100

182 93.1 74.9 112.3

145 32.1 26.6 39.8





#71

Naphthalene

Concen: 26.132 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

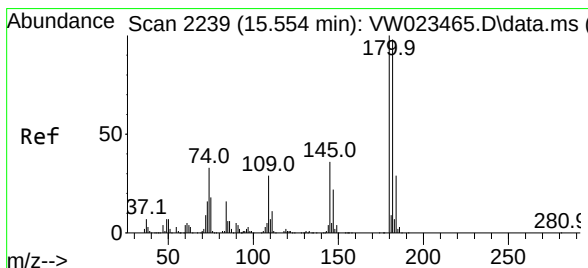
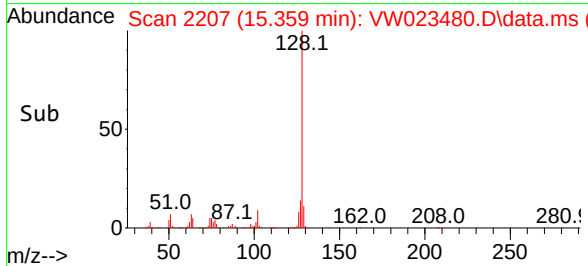
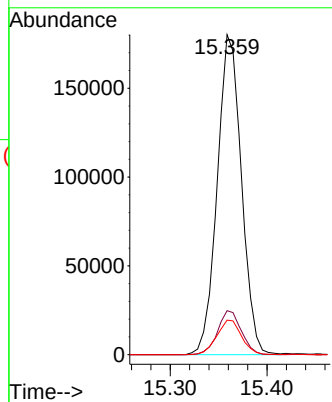
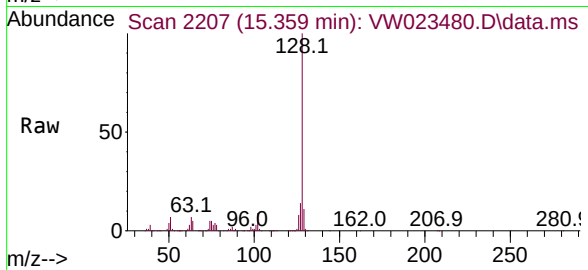
Tgt Ion:128 Resp: 313075

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.427 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023480.D

Acq: 13 Jun 2022 16:00

Tgt Ion:180 Resp: 134626

Ion Ratio Lower Upper

180 100

182 94.3 73.5 110.3

145 36.0 27.9 41.9

