

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070822\
 Data File : VW023586.D
 Acq On : 08 Jul 2022 09:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 08 23:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 01:46:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	323175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	319489	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172797	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	132560	22.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
7) Chloroethane-d5	2.879	69	82564	24.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	4.019	63	165632	25.113	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.440%
21) 2-Butanone-d5	7.074	46	52588	43.288	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.580%
24) Chloroform-d	7.647	84	215628	23.425	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.305	65	116346	22.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.440%
32) Benzene-d6	8.275	84	408204	23.092	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.360%
36) 1,2-Dichloropropane-d6	9.274	67	117031	22.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.440%
41) Toluene-d8	10.323	98	390519	22.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	10.573	79	51986	22.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.000%
47) 2-Hexanone-d5	10.920	63	44776	44.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114777	22.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	142729	22.894	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	28638	14.815	ug/L	100
3) Chloromethane	2.215	50	94394	21.086	ug/L	97
5) Vinyl chloride	2.361	62	179637	24.684	ug/L	99
6) Bromomethane	2.776	94	97373	23.177	ug/L	99
8) Chloroethane	2.916	64	70427	25.615	ug/L	90
9) Trichlorofluoromethane	3.251	101	65389	22.522	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	115707	25.104	ug/L #	87
12) 1,1-Dichloroethene	4.038	96	101148	26.320	ug/L	89
13) Acetone	4.123	43	41028	45.824	ug/L	99
14) Carbon disulfide	4.379	76	286370	25.028	ug/L	99
15) Methyl Acetate	4.665	43	48756	23.200	ug/L	98
16) Methylene chloride	4.915	84	114080	20.815	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	114072	24.660	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	171587	25.124	ug/L	100
19) 1,1-Dichloroethane	6.214	63	202352	24.938	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	126864	25.040	ug/L	97
22) 2-Butanone	7.171	43	69187	43.066	ug/L	97
23) Bromochloromethane	7.513	128	60578	24.029	ug/L	96
25) Chloroform	7.671	83	226822	24.610	ug/L	98

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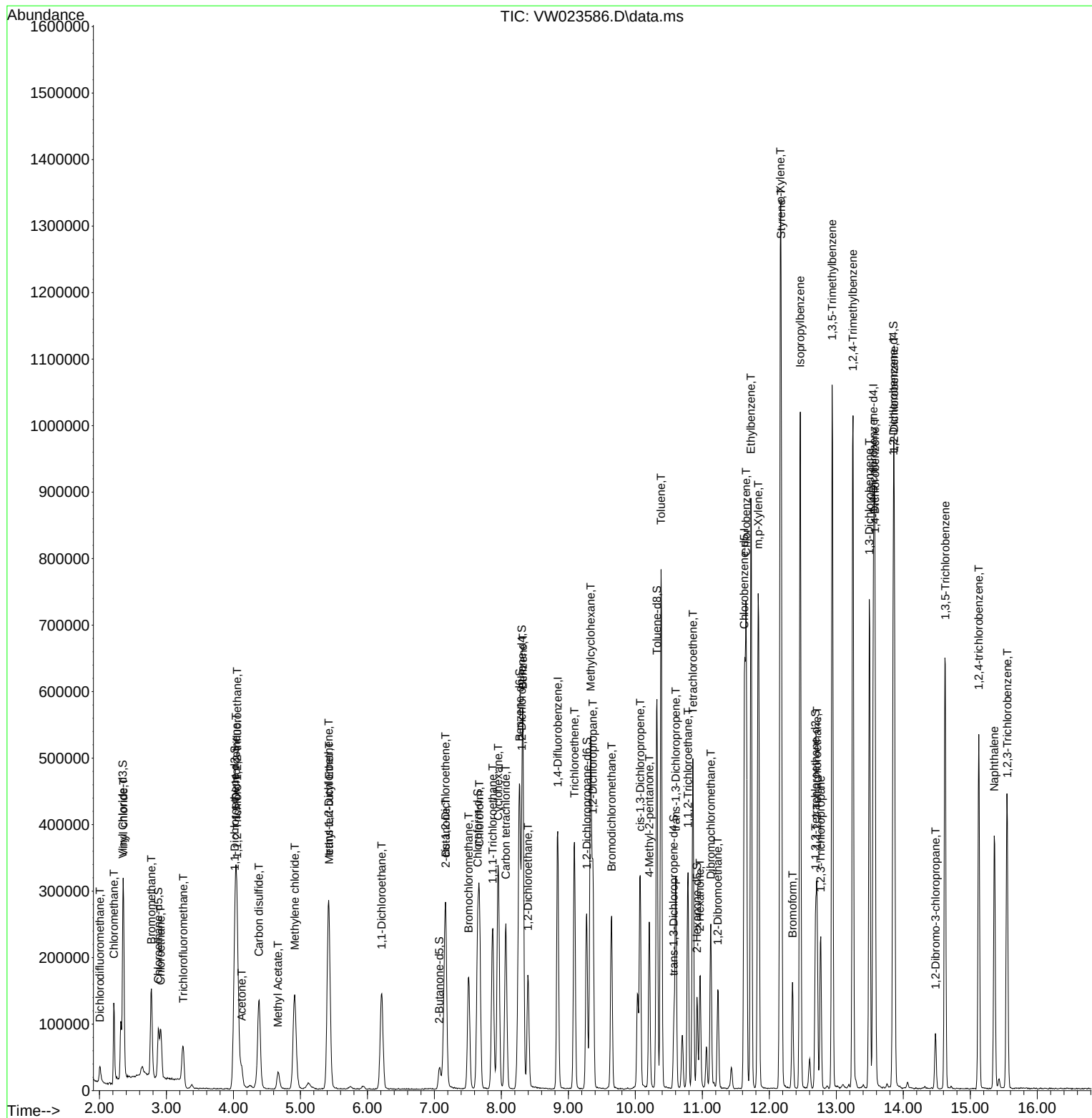
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	149586	23.982	ug/L	98
29) Cyclohexane	7.951	56	171420	25.792	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	192662	25.364	ug/L	100
31) Carbon tetrachloride	8.067	117	179313	25.481	ug/L	99
33) Benzene	8.323	78	481817	24.017	ug/L	100
34) Trichloroethene	9.091	95	126576	24.208	ug/L	96
35) Methylcyclohexane	9.335	83	212935	25.314	ug/L	99
37) 1,2-Dichloropropane	9.366	63	116324	23.984	ug/L	100
38) Bromodichloromethane	9.646	83	167611	24.476	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	186912	25.265	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	150382	46.573	ug/L	98
42) Toluene	10.384	91	554325	25.324	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	170590	25.008	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	97813	23.429	ug/L	97
46) Tetrachloroethene	10.859	164	100764	24.517	ug/L	96
48) 2-Hexanone	10.963	43	104273	45.581	ug/L	99
49) Dibromochloromethane	11.128	129	121693	24.486	ug/L	97
50) 1,2-Dibromoethane	11.231	107	96541	23.424	ug/L #	95
51) Chlorobenzene	11.652	112	364760	24.476	ug/L	99
52) Ethylbenzene	11.725	91	608244	24.611	ug/L	98
53) m,p-Xylene	11.835	106	244297	25.481	ug/L	98
54) o-Xylene	12.164	106	235295	25.627	ug/L	97
55) Styrene	12.176	104	419185	26.254	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124649	23.205	ug/L	95
59) Bromoform	12.347	173	66966	23.168	ug/L	99
60) Isopropylbenzene	12.463	105	640373	25.643	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	88515	22.534	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	543876	26.262	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	548359	26.470	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	286010	24.212	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	296178	24.721	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	272486	25.014	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19122	20.657	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	192790	25.153	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	152061	24.553	ug/L	100
71) Naphthalene	15.359	128	317987	23.787	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	136480	23.774	ug/L	98

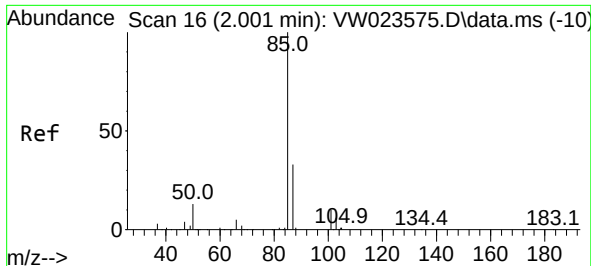
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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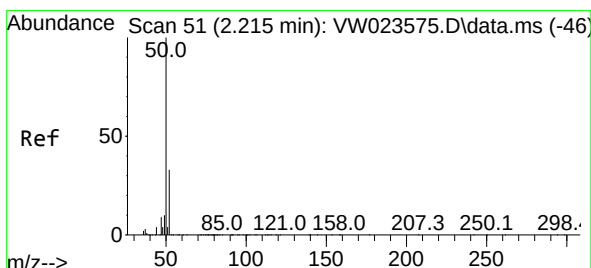
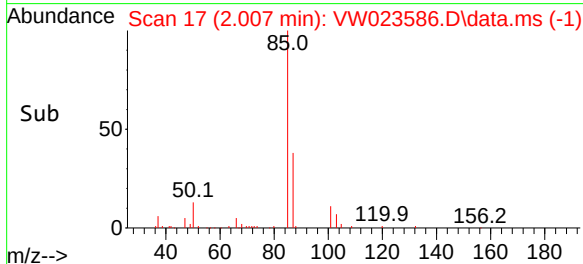
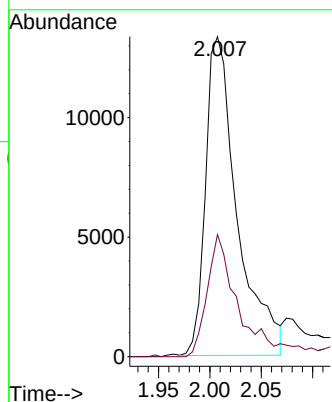
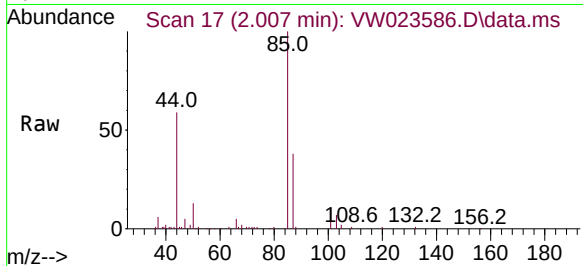




#2
 Dichlorodifluoromethane
 Concen: 14.815 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

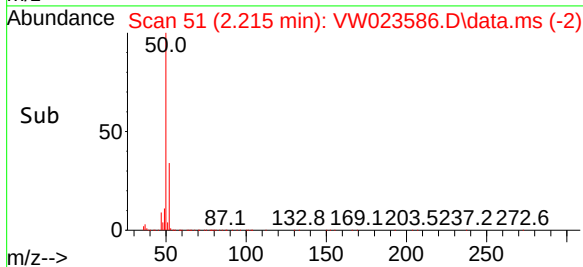
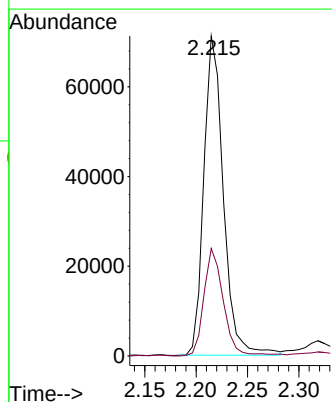
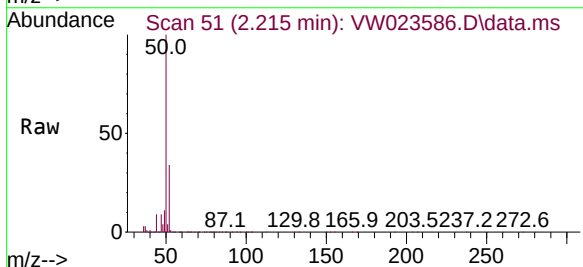
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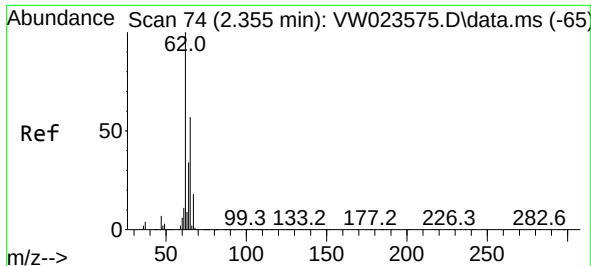
Tgt Ion: 85 Resp: 28638
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 21.086 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

Tgt Ion: 50 Resp: 94394
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.5 41.9

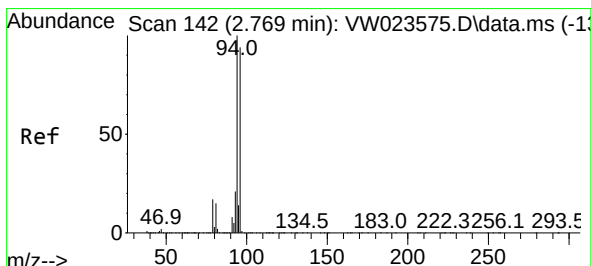
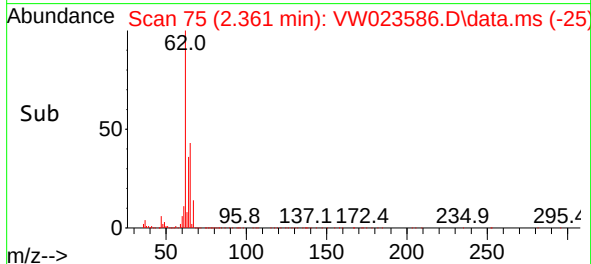
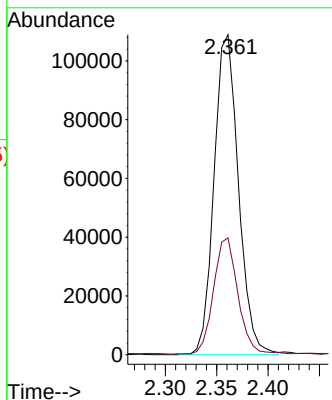
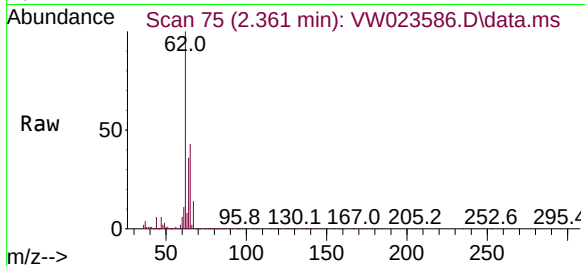




#5
 Vinyl chloride
 Concen: 24.684 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

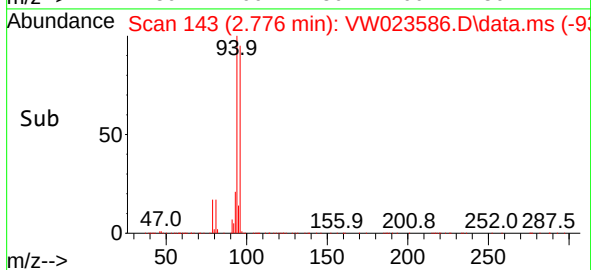
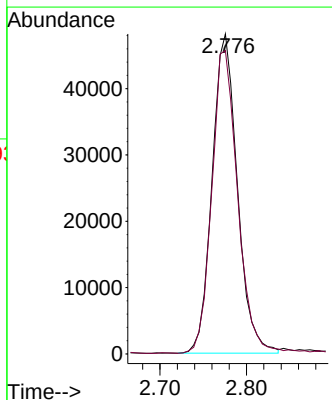
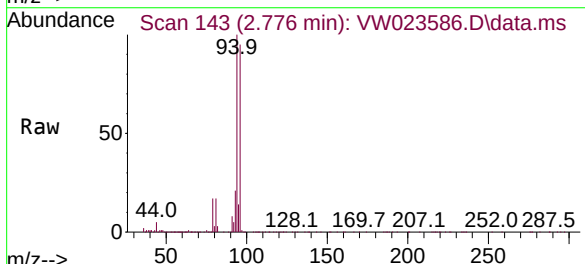
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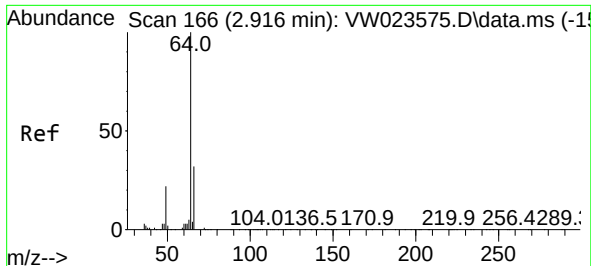
Tgt Ion: 62 Resp: 179637
 Ion Ratio Lower Upper
 62 100
 64 36.5 25.8 47.8



#6
 Bromomethane
 Concen: 23.177 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

Tgt Ion: 94 Resp: 97373
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.6 121.8

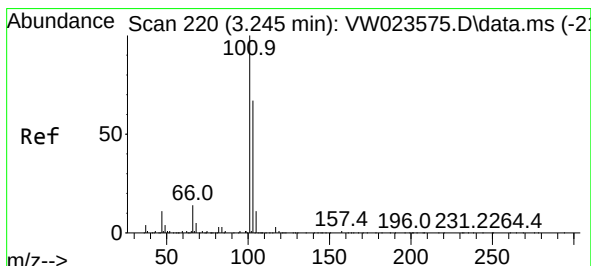
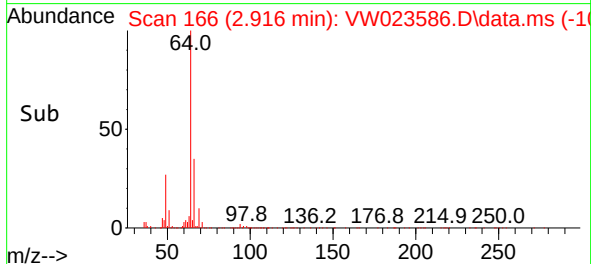
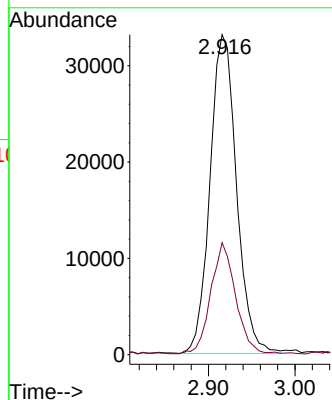
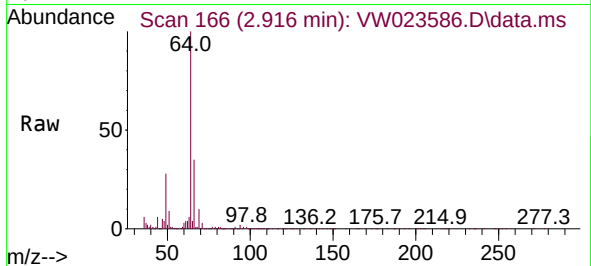




#8
Chloroethane
Concen: 25.615 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

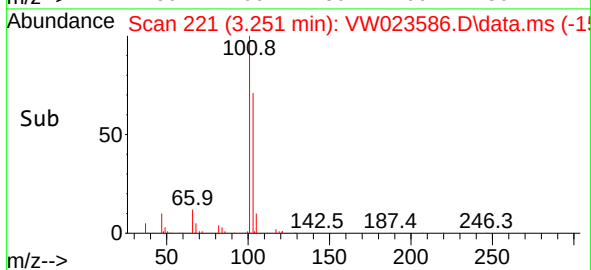
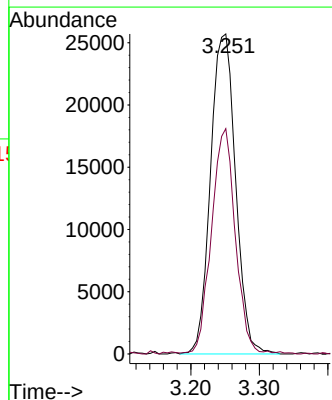
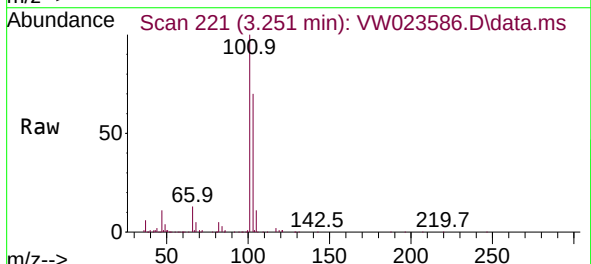
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MSVOA_W
ClientSampleId :

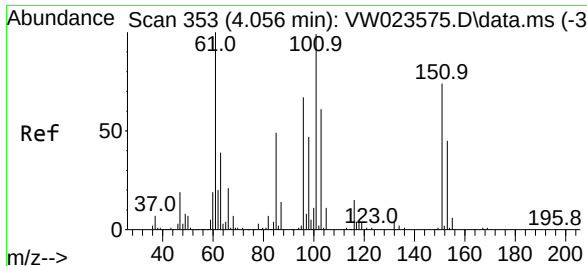
Tgt Ion: 64 Resp: 70427
Ion Ratio Lower Upper
64 100
66 35.0 20.6 38.2



#9
Trichlorofluoromethane
Concen: 22.522 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 101 Resp: 65389
Ion Ratio Lower Upper
101 100
103 66.8 53.2 79.8

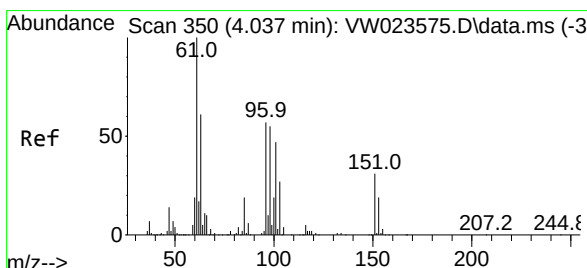
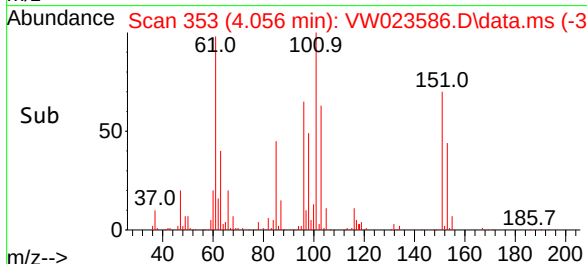
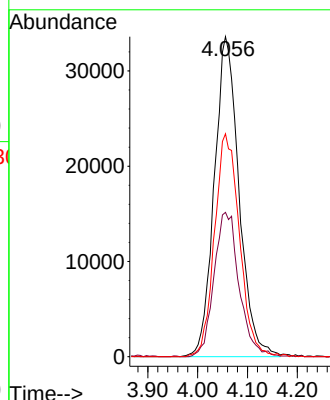
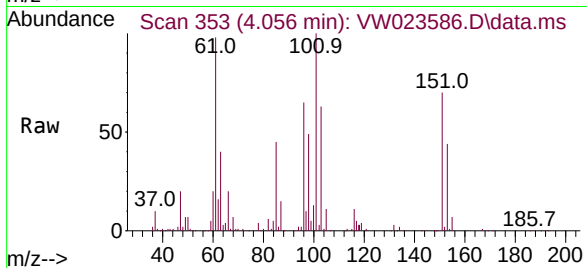




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.104 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

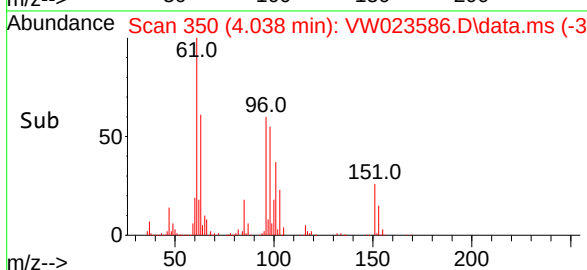
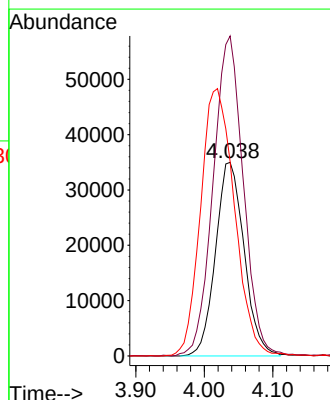
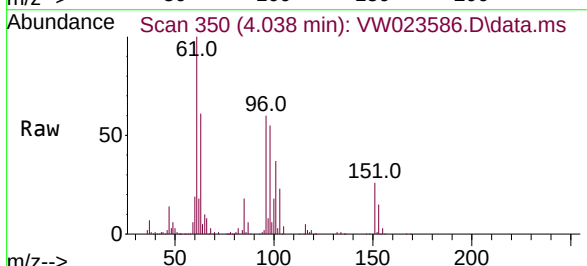
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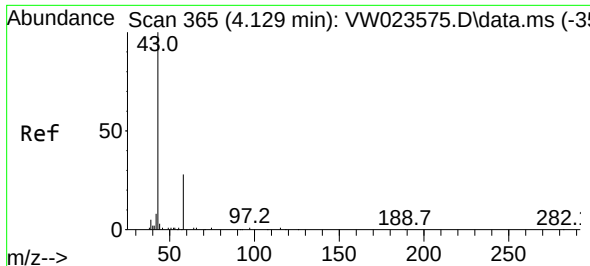
Tgt Ion:101 Resp: 115707
 Ion Ratio Lower Upper
 101 100
 85 27.7 37.0 55.4#
 151 70.0 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 26.320 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

Tgt Ion: 96 Resp: 101148
 Ion Ratio Lower Upper
 96 100
 61 165.3 122.0 226.6
 63 100.5 83.0 154.2

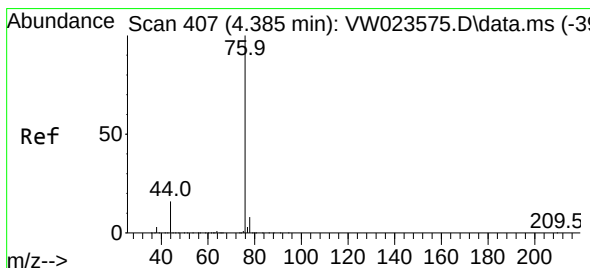
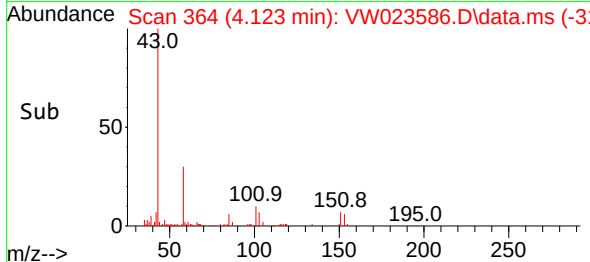
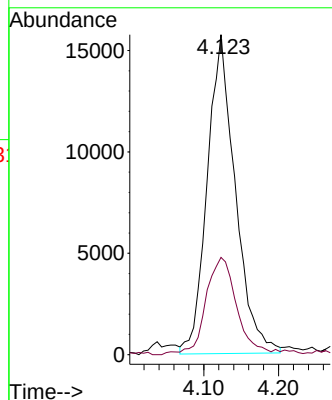
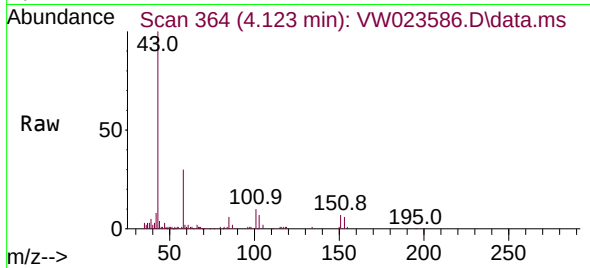




#13
Acetone
Concen: 45.824 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

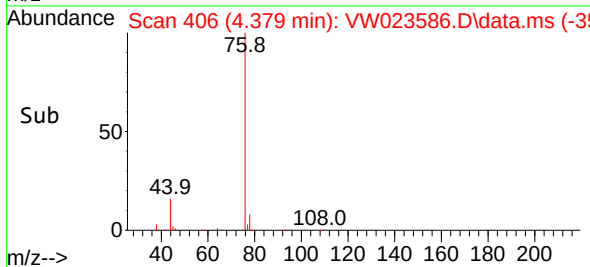
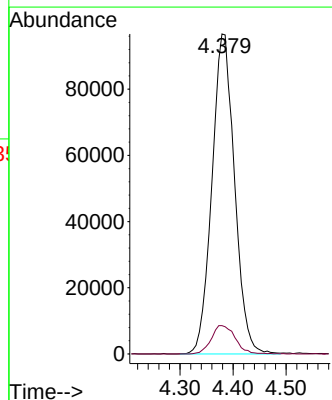
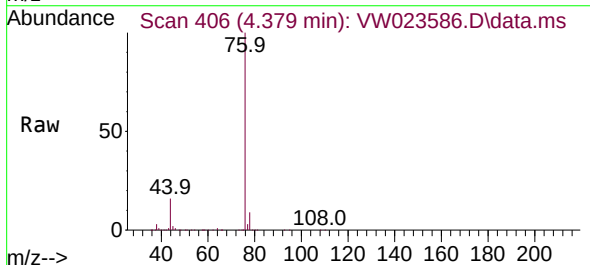
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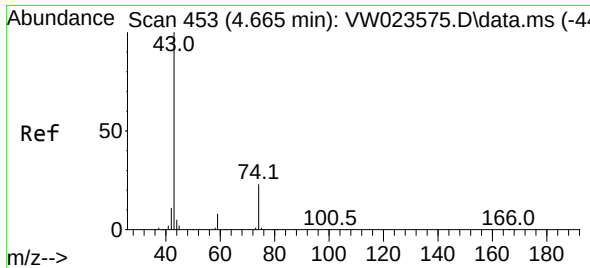
Tgt Ion: 43 Resp: 41028
Ion Ratio Lower Upper
43 100
58 31.3 0.0 61.2



#14
Carbon disulfide
Concen: 25.028 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 286370
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

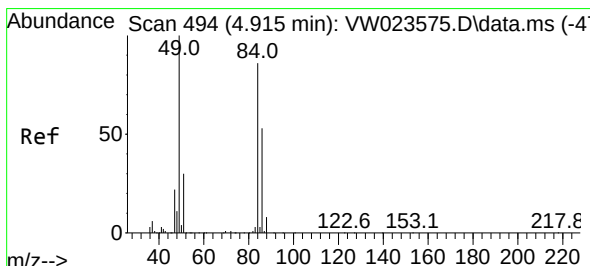
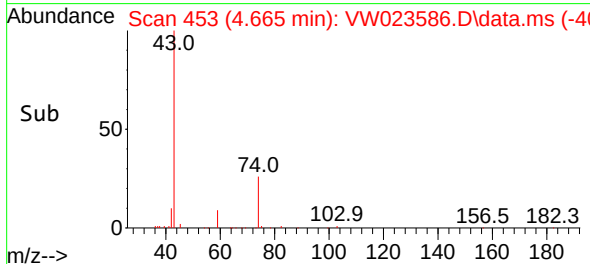
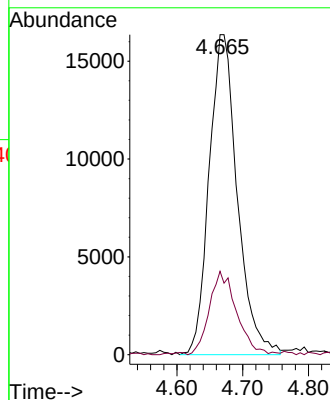
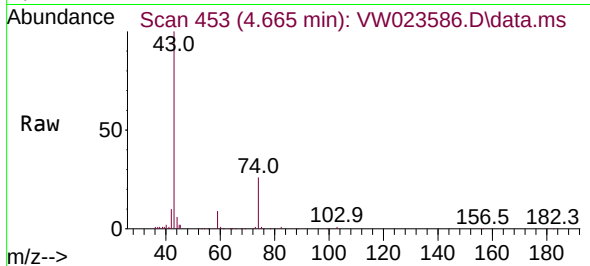




#15
Methyl Acetate
Concen: 23.200 ug/L
RT: 4.665 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

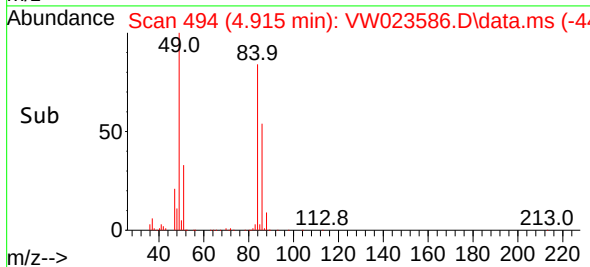
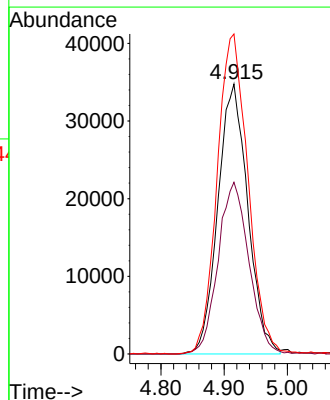
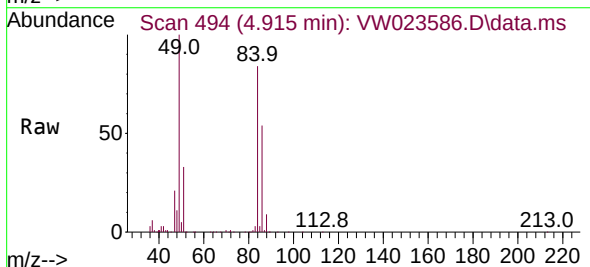
Instrument :
MSVOA_W
ClientSampleId :

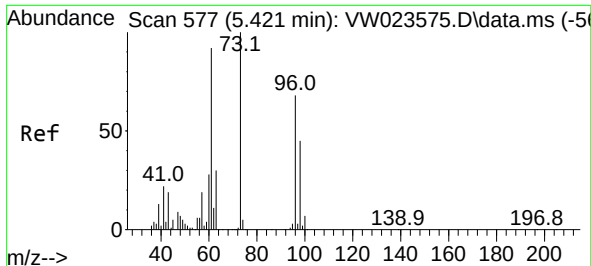
Tgt Ion: 43 Resp: 48756
Ion Ratio Lower Upper
43 100
74 24.5 20.4 30.6



#16
Methylene chloride
Concen: 20.815 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

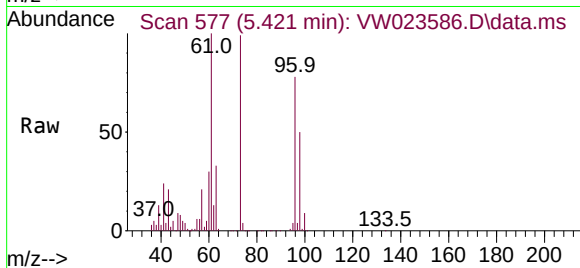
Tgt Ion: 84 Resp: 114080
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.3
49 118.5 87.6 162.6





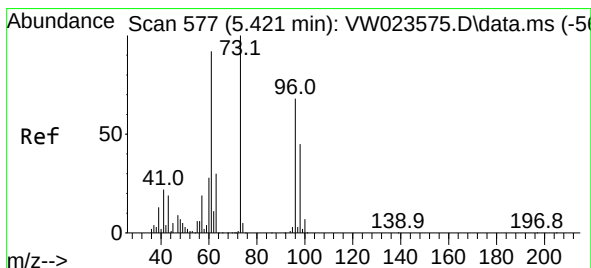
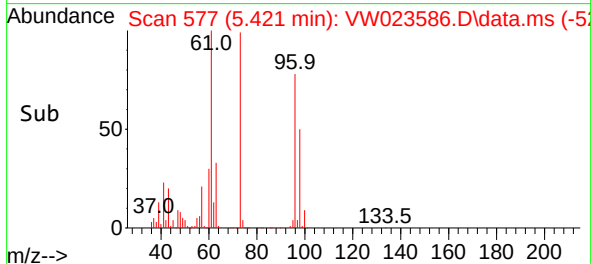
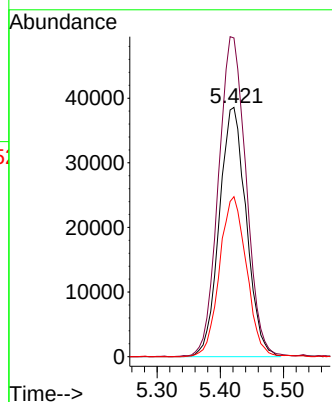
#17
trans-1,2-Dichloroethene
Concen: 24.660 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 114072

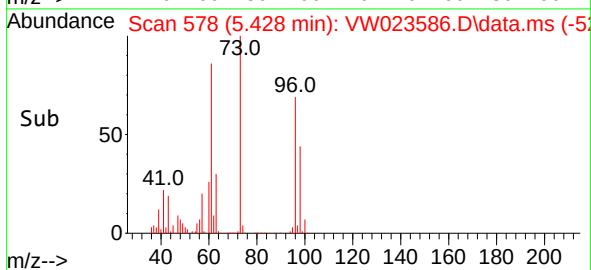
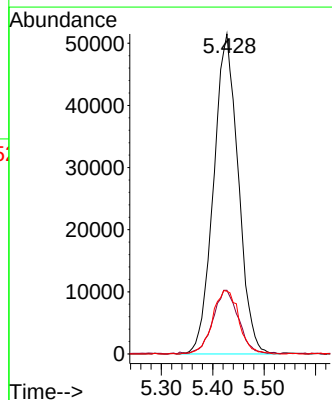
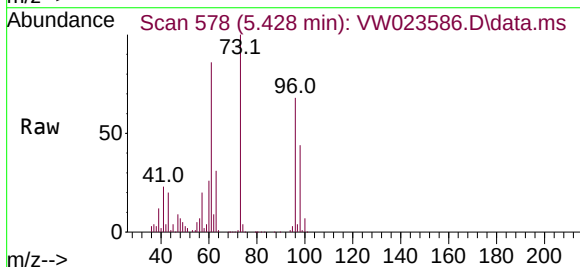
Ion	Ratio	Lower	Upper
96	100		
61	127.9	92.3	171.5
98	64.2	45.5	84.5

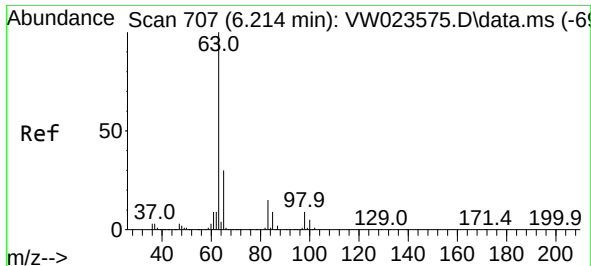


#18
Methyl tert-butyl Ether
Concen: 25.124 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 73 Resp: 171587

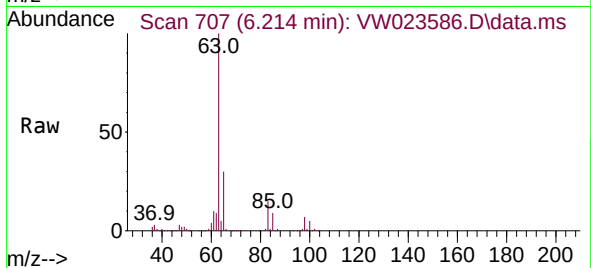
Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.2	24.2
57	21.3	16.9	25.3





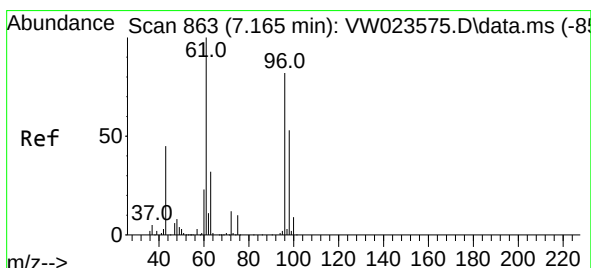
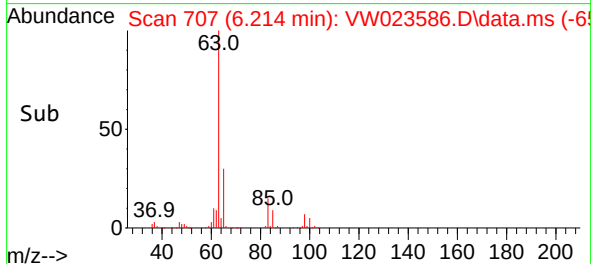
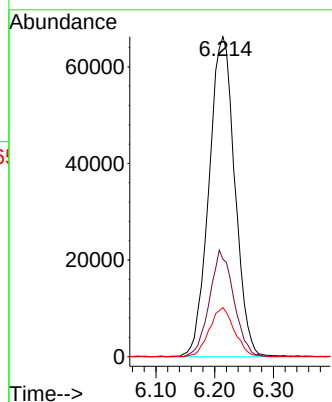
#19
1,1-Dichloroethane
Concen: 24.938 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 63 Resp: 202352

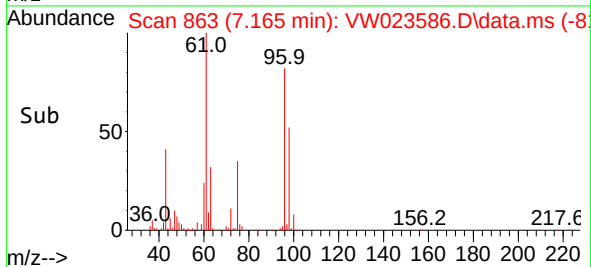
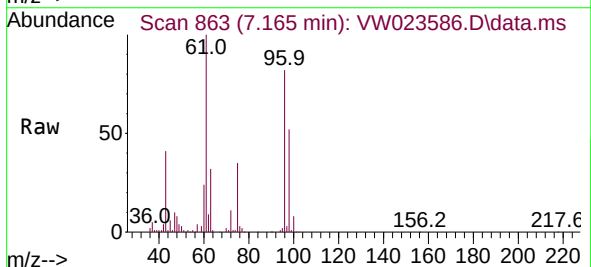
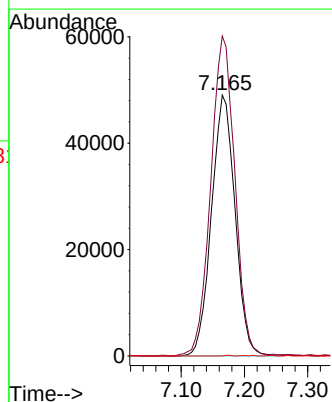
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.3	41.3
83	15.3	9.8	18.2

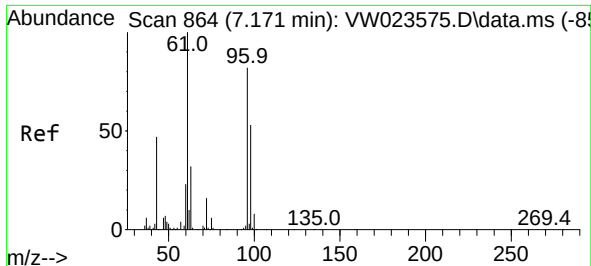


#20
cis-1,2-Dichloroethene
Concen: 25.040 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 96 Resp: 126864

Ion	Ratio	Lower	Upper
96	100		
61	122.7	83.2	154.6
68	0.0	0.0	0.0

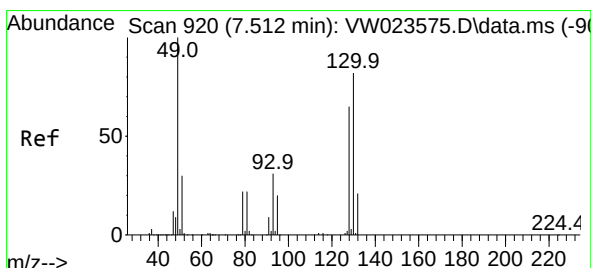
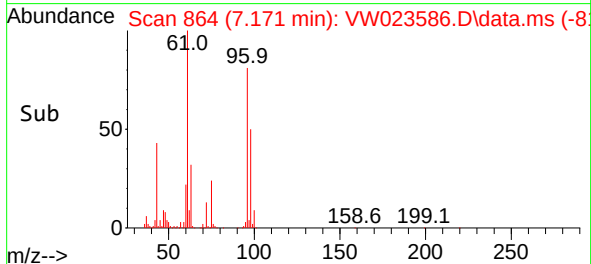
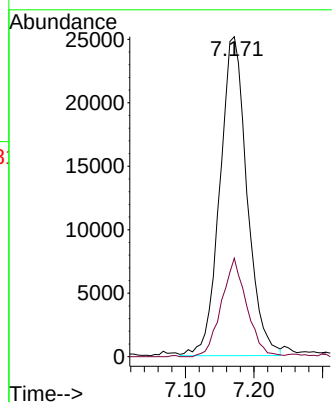
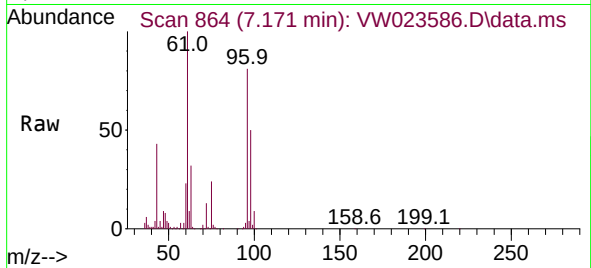




#22
2-Butanone
Concen: 43.066 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

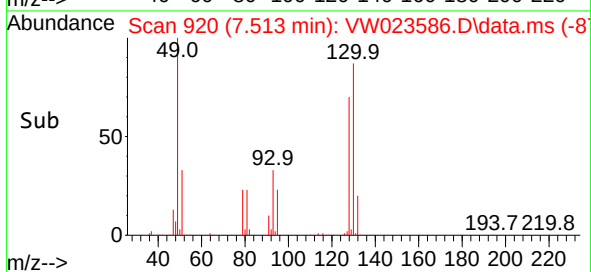
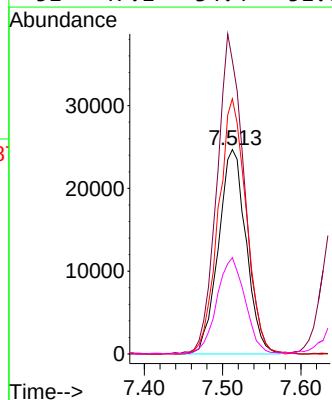
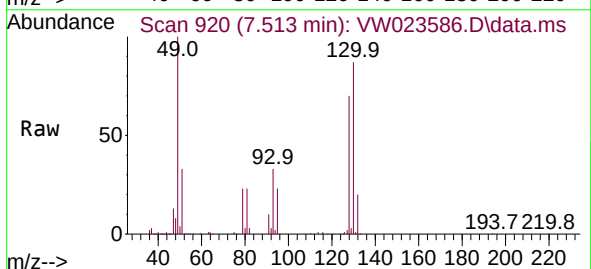
Instrument :
MSVOA_W
ClientSampleId :

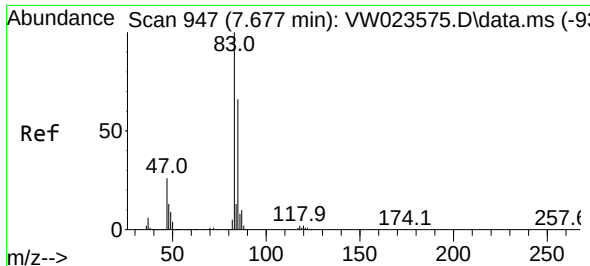
Tgt Ion: 43 Resp: 69187
Ion Ratio Lower Upper
43 100
72 28.8 15.4 46.1



#23
Bromochloromethane
Concen: 24.029 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 128 Resp: 60578
Ion Ratio Lower Upper
128 100
49 143.5 105.8 196.6
130 124.9 87.6 162.8
51 47.1 34.4 51.6

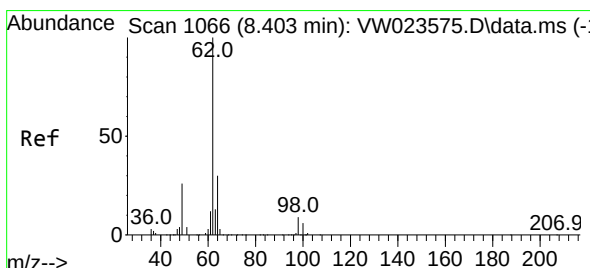
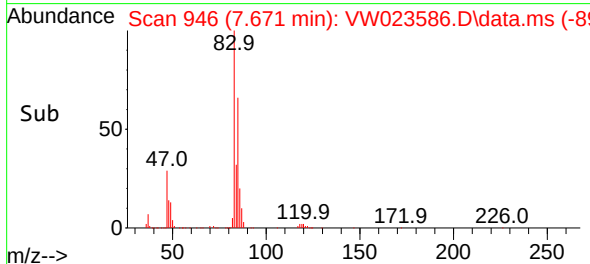
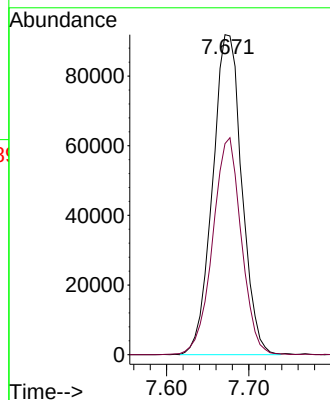
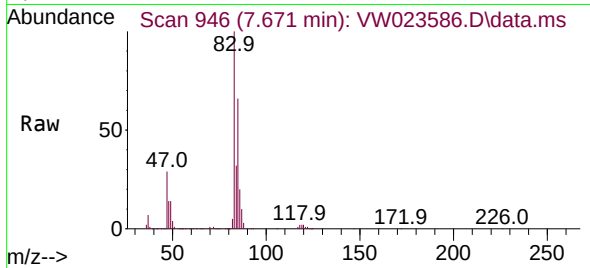




#25
Chloroform
Concen: 24.610 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

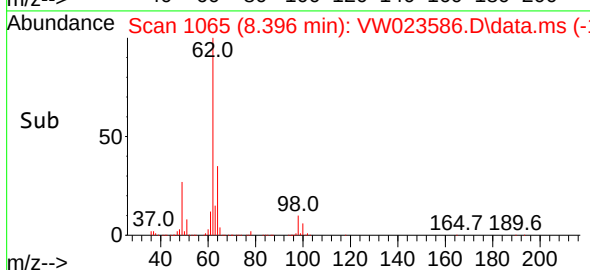
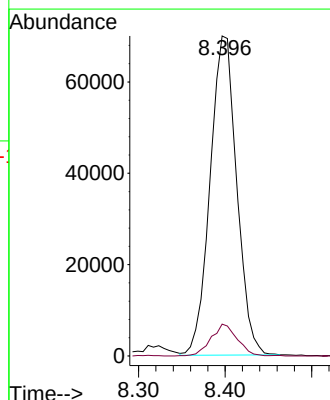
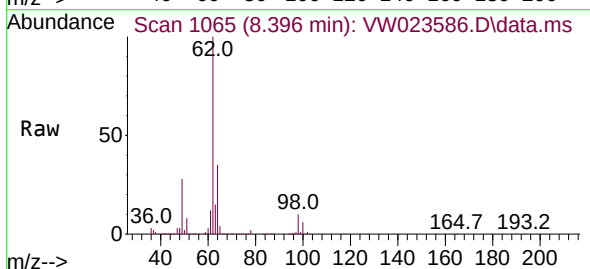
Instrument :
MSVOA_W
ClientSampleId :

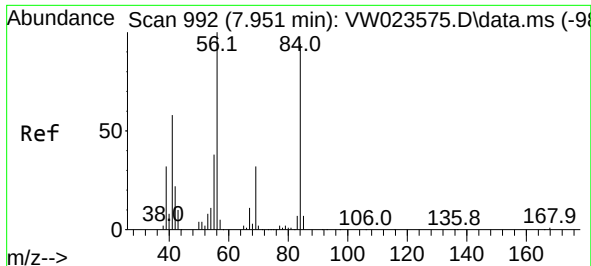
Tgt Ion: 83 Resp: 226822
Ion Ratio Lower Upper
83 100
85 65.9 47.0 87.4



#27
1,2-Dichloroethane
Concen: 23.982 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 62 Resp: 149586
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0





#29

Cyclohexane

Concen: 25.792 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

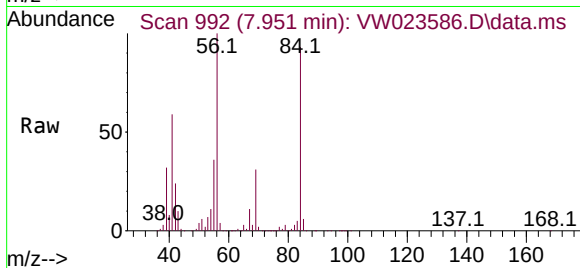
Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :



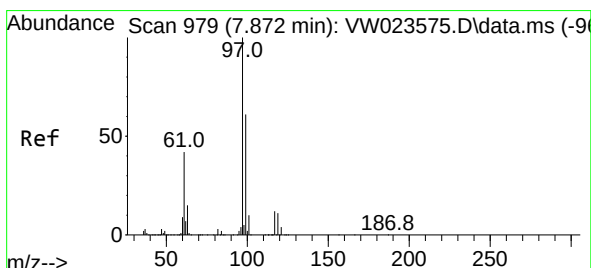
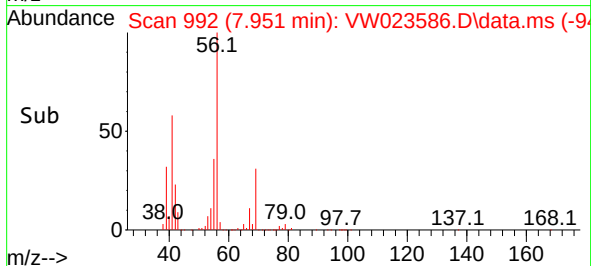
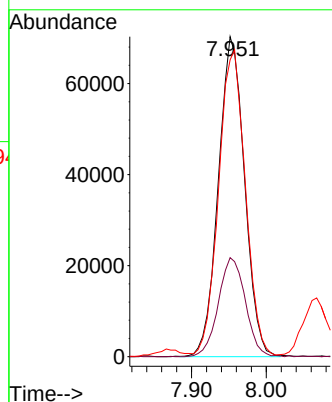
Tgt Ion: 56 Resp: 171420

Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

84 97.7 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 25.364 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

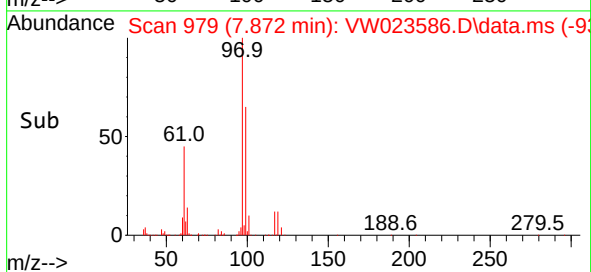
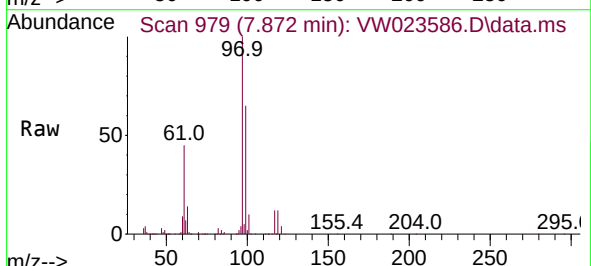
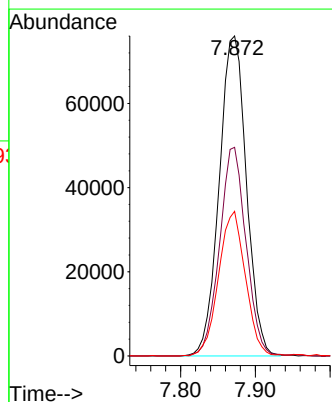
Tgt Ion: 97 Resp: 192662

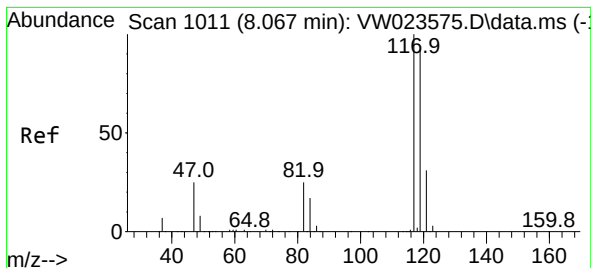
Ion Ratio Lower Upper

97 100

99 63.6 50.8 76.2

61 44.5 35.8 53.8





#31

Carbon tetrachloride

Concen: 25.481 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

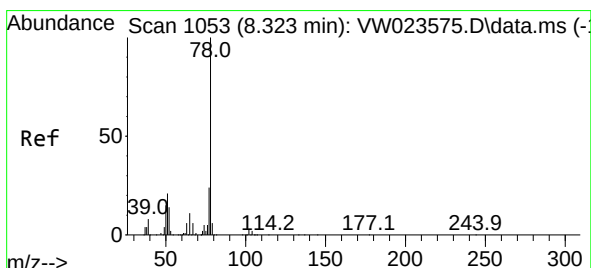
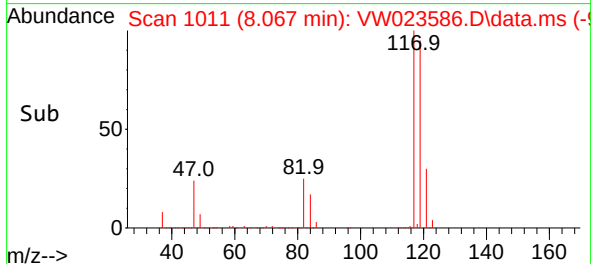
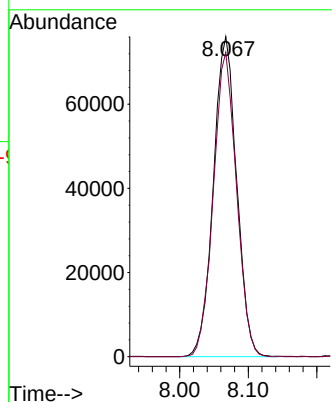
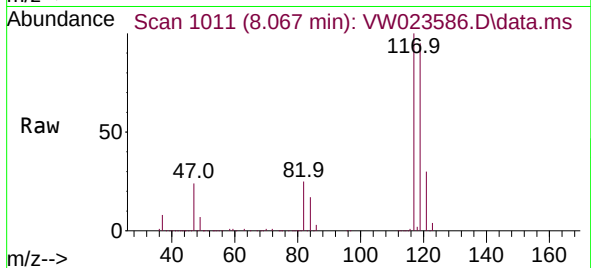
ClientSampleId :

Tgt Ion:117 Resp: 179313

Ion Ratio Lower Upper

117 100

119 94.6 76.7 115.1



#33

Benzene

Concen: 24.017 ug/L

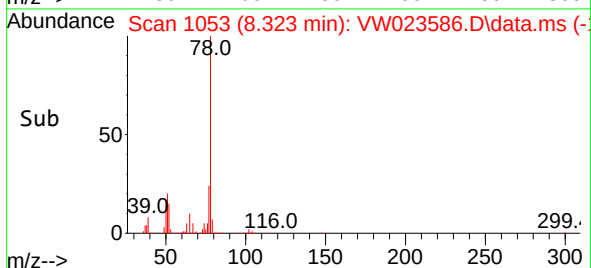
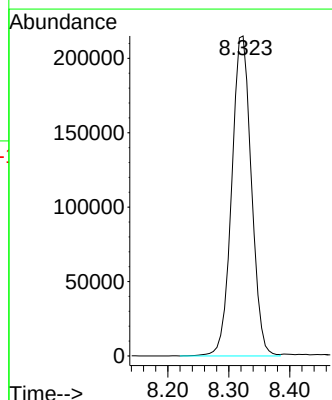
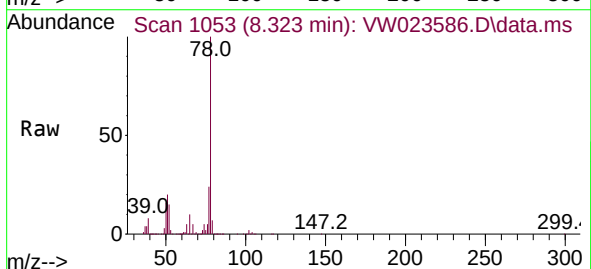
RT: 8.323 min Scan# 1053

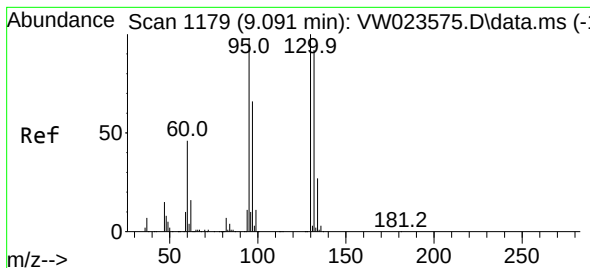
Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Tgt Ion: 78 Resp: 481817





#34

Trichloroethene

Concen: 24.208 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 126576

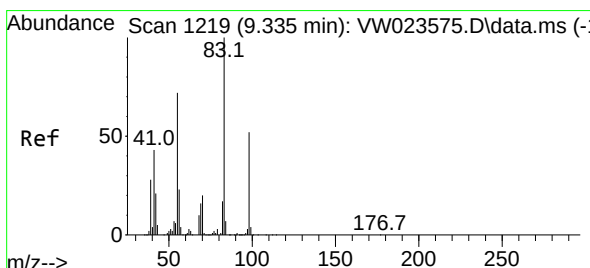
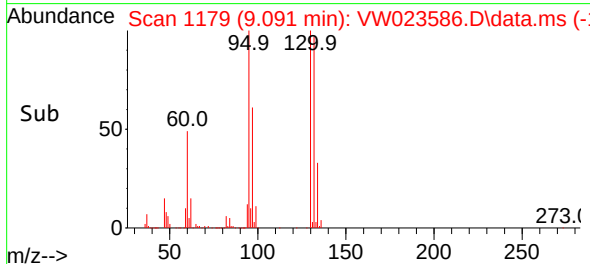
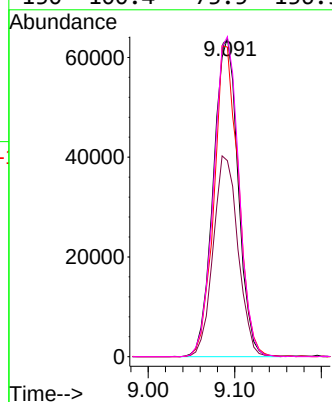
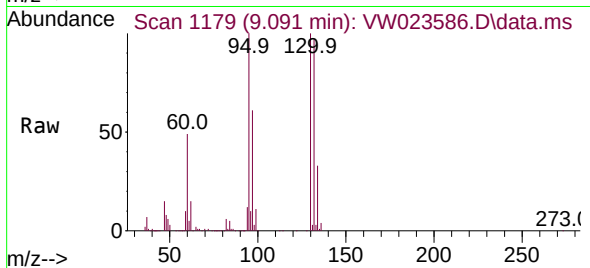
Ion Ratio Lower Upper

95 100

97 61.5 47.5 88.1

132 97.1 68.9 127.9

130 100.4 73.5 136.5



#35

Methylcyclohexane

Concen: 25.314 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

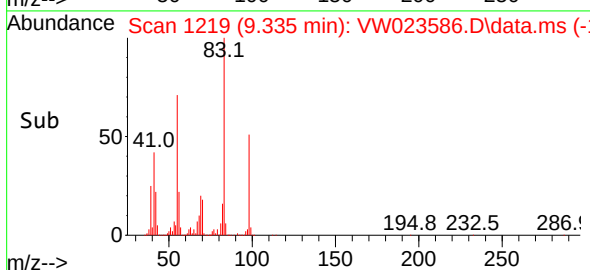
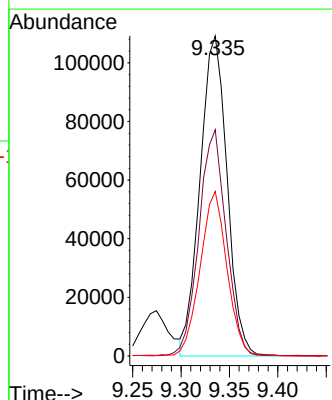
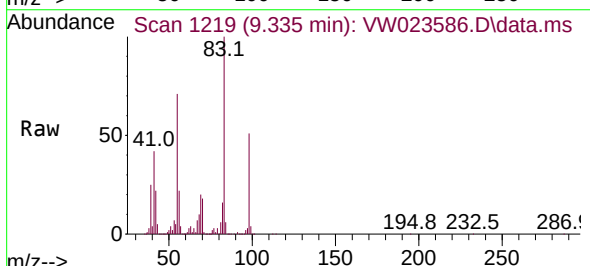
Tgt Ion: 83 Resp: 212935

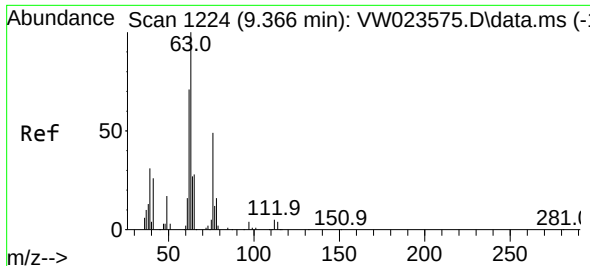
Ion Ratio Lower Upper

83 100

55 71.1 57.0 85.6

98 51.0 40.2 60.4





#37

1,2-Dichloropropane

Concen: 23.984 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

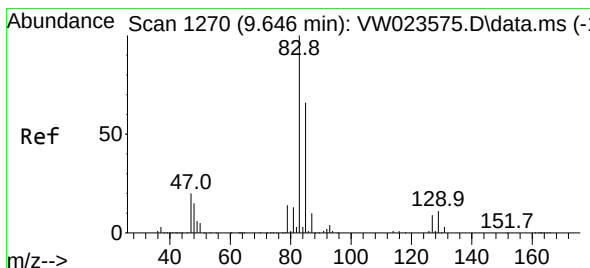
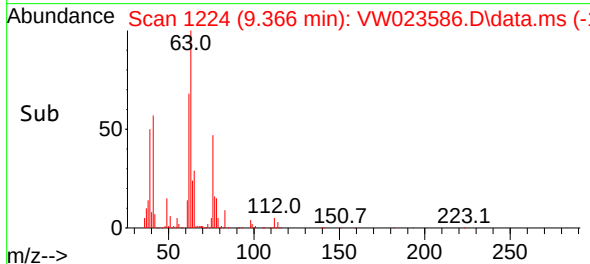
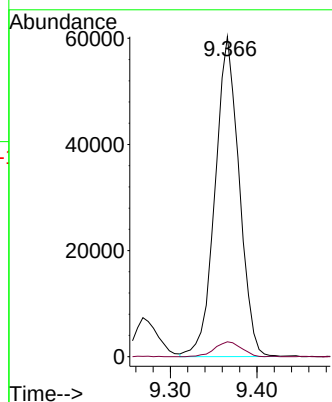
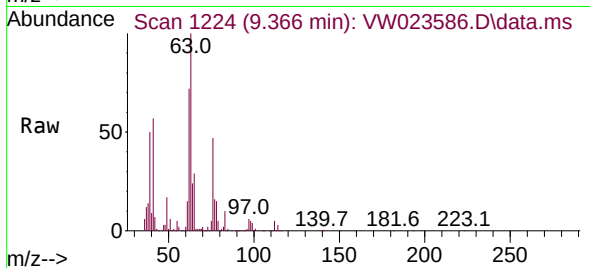
ClientSampleId :

Tgt Ion: 63 Resp: 116324

Ion Ratio Lower Upper

63 100

112 5.2 4.1 6.1



#38

Bromodichloromethane

Concen: 24.476 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

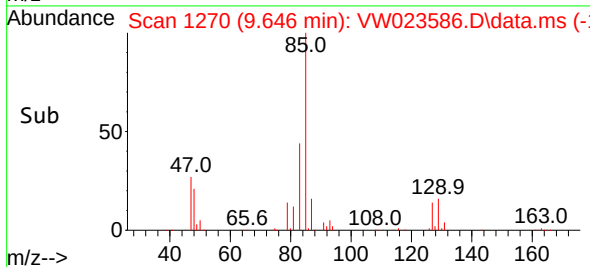
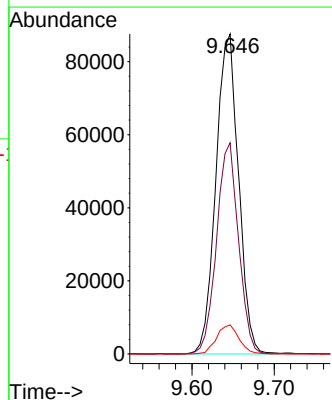
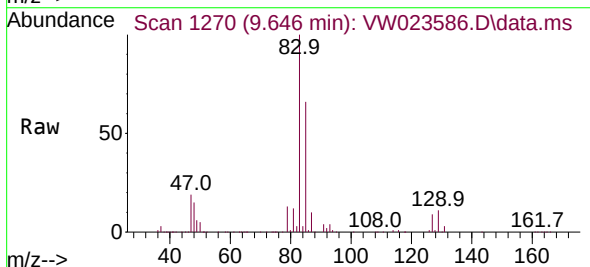
Tgt Ion: 83 Resp: 167611

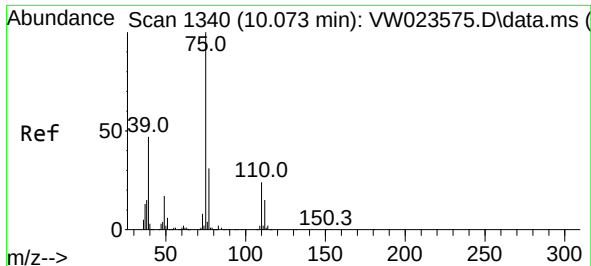
Ion Ratio Lower Upper

83 100

85 66.0 44.2 82.0

127 9.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.265 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

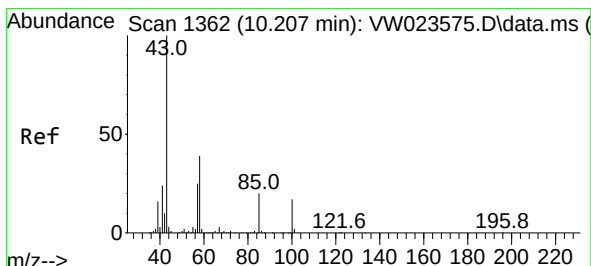
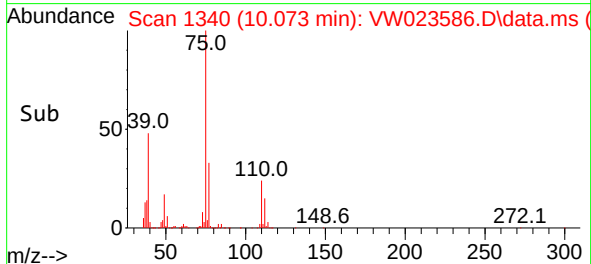
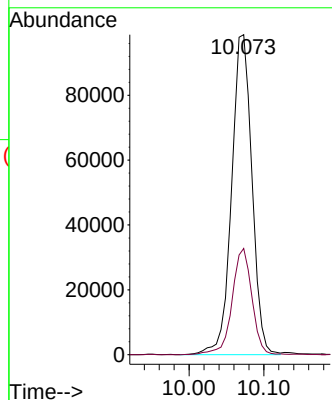
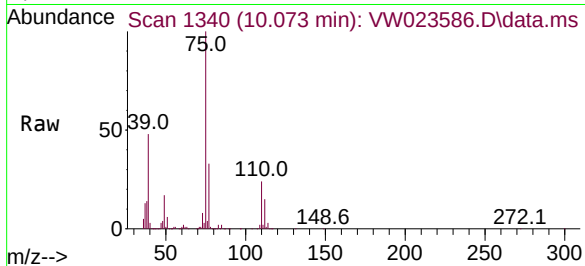
ClientSampleId :

Tgt Ion: 75 Resp: 186912

Ion Ratio Lower Upper

75 100

77 33.2 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 46.573 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

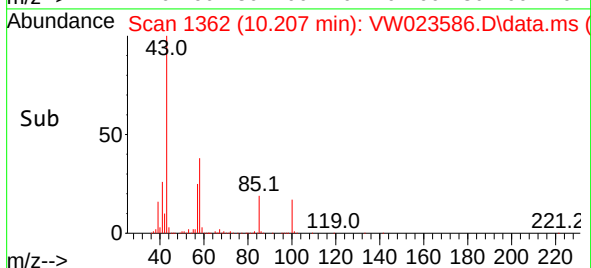
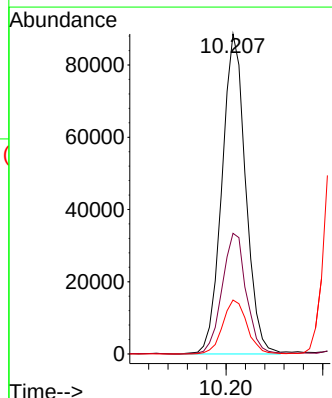
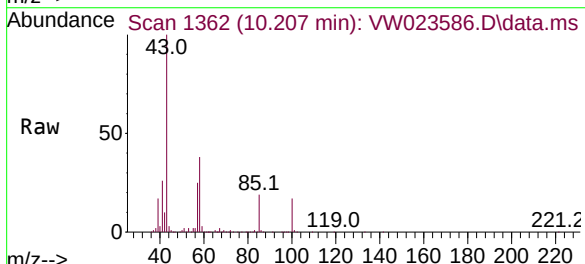
Tgt Ion: 43 Resp: 150382

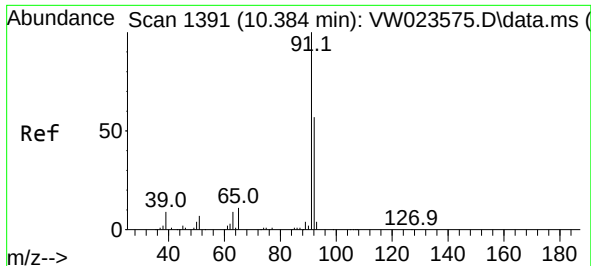
Ion Ratio Lower Upper

43 100

58 38.5 31.8 47.8

100 17.3 14.0 21.0

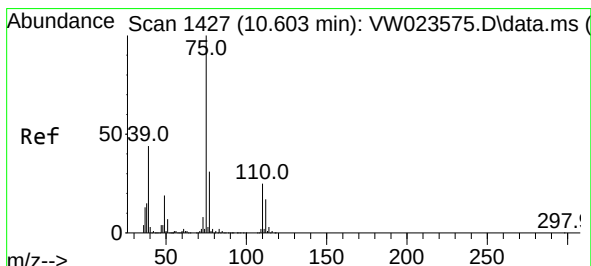
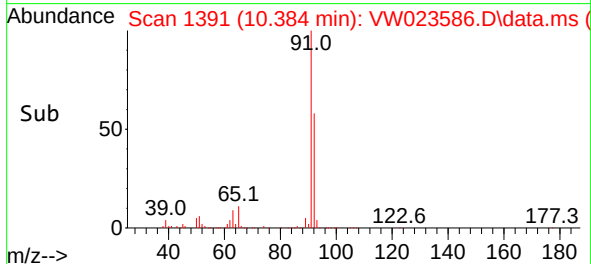
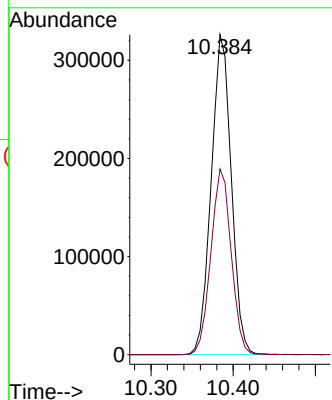
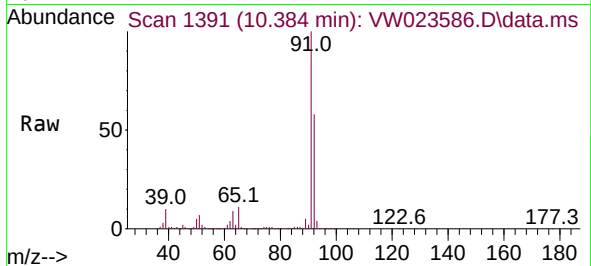




#42
Toluene
Concen: 25.324 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

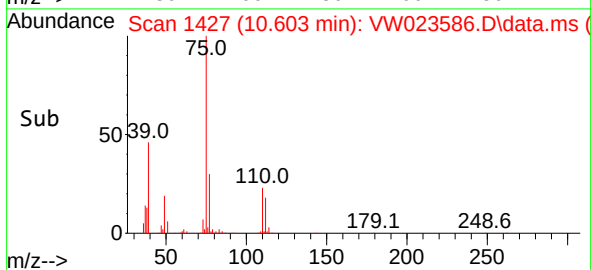
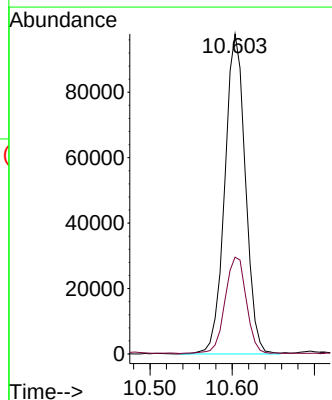
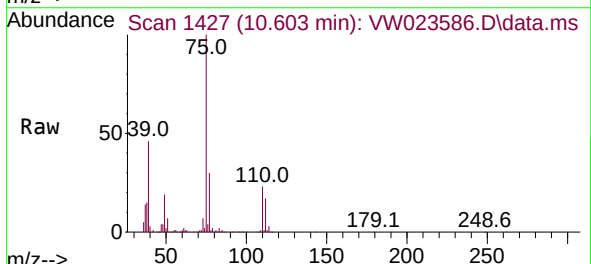
Instrument :
MSVOA_W
ClientSampleId :

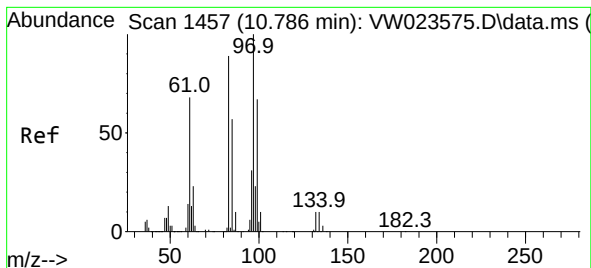
Tgt Ion: 91 Resp: 554325
Ion Ratio Lower Upper
91 100
92 58.0 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.008 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 75 Resp: 170590
Ion Ratio Lower Upper
75 100
77 30.3 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 23.429 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

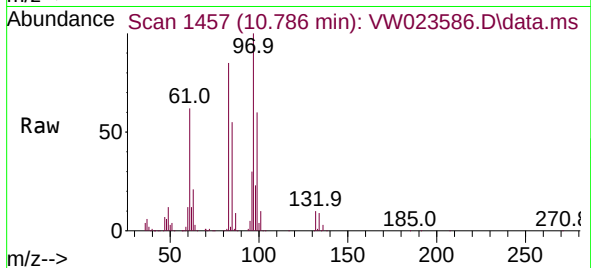
Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 97813

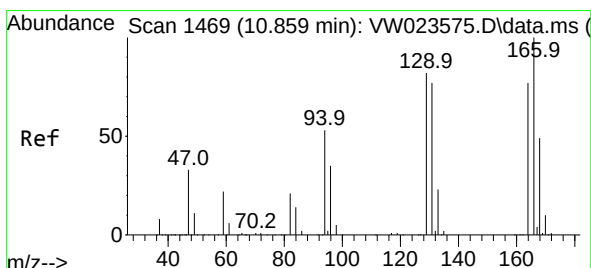
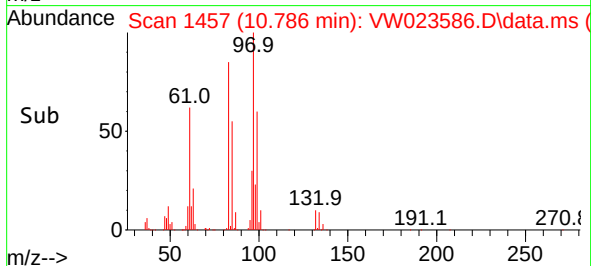
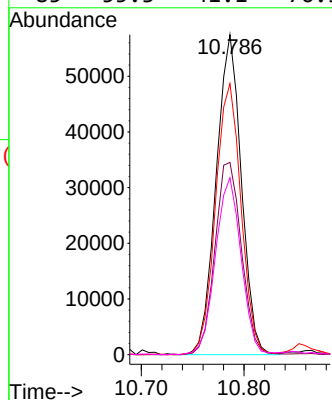
Ion Ratio Lower Upper

97 100

99 60.1 43.9 81.5

83 84.7 59.8 111.0

85 55.3 41.1 76.3



#46

Tetrachloroethene

Concen: 24.517 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Tgt Ion:164 Resp: 100764

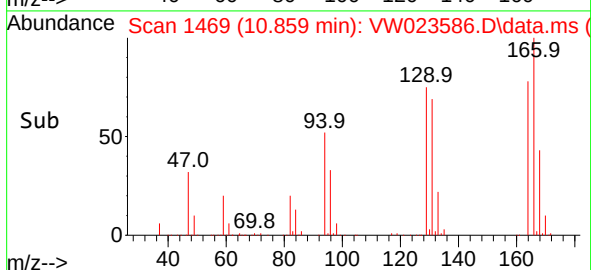
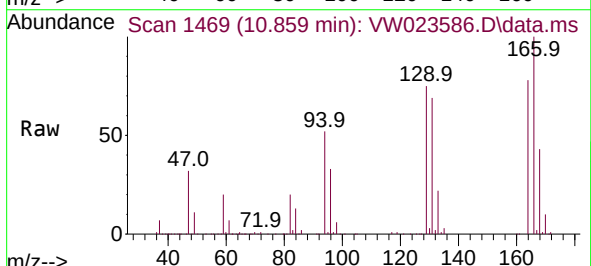
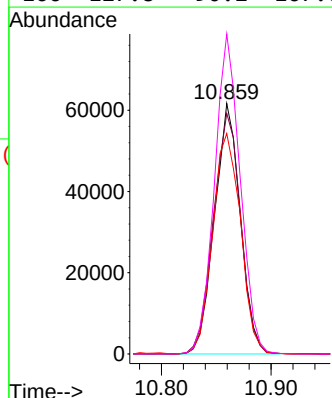
Ion Ratio Lower Upper

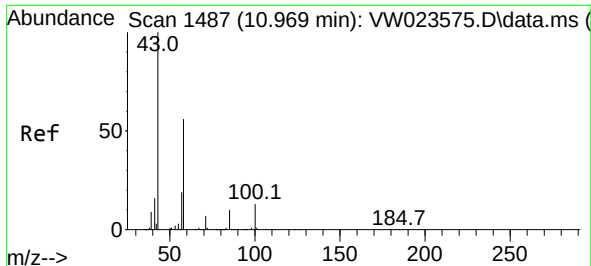
164 100

129 96.1 71.3 132.3

131 88.1 67.0 124.4

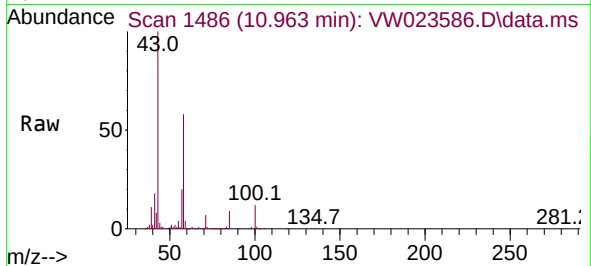
166 127.8 90.2 167.6





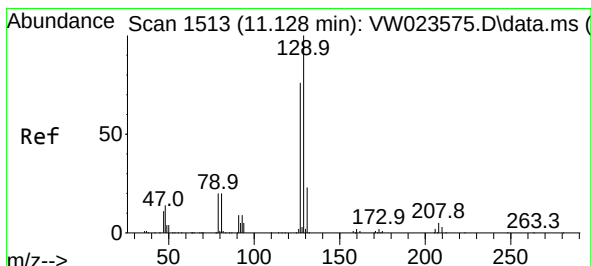
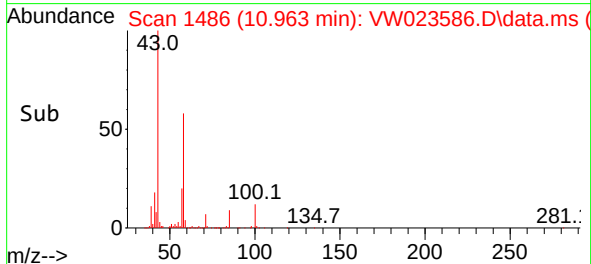
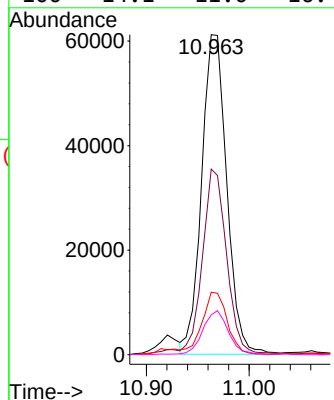
#48
2-Hexanone
Concen: 45.581 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 104273

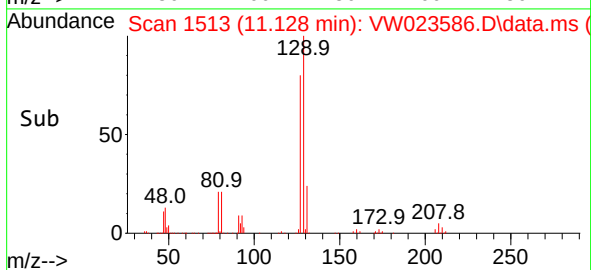
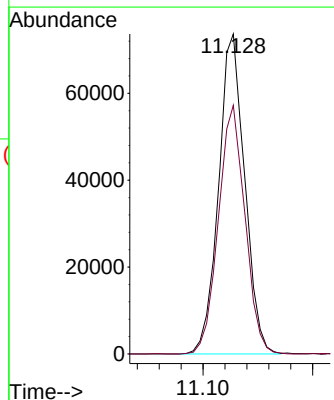
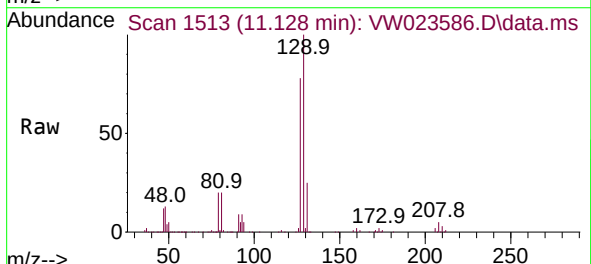
Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.7	65.5
57	19.7	15.7	23.5
100	14.1	11.0	16.4

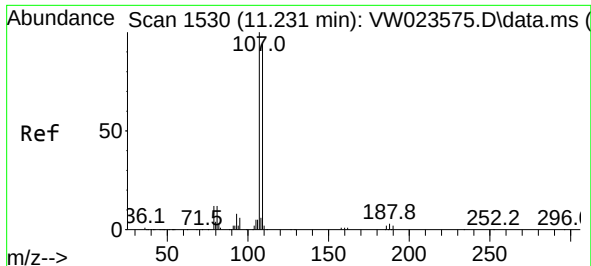


#49
Dibromochloromethane
Concen: 24.486 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 129 Resp: 121693

Ion	Ratio	Lower	Upper
129	100		
127	77.7	52.7	97.9





#50

1,2-Dibromoethane

Concen: 23.424 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW023586.D

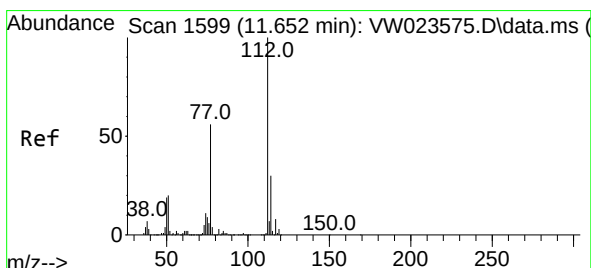
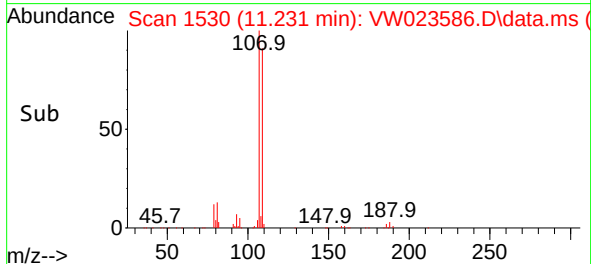
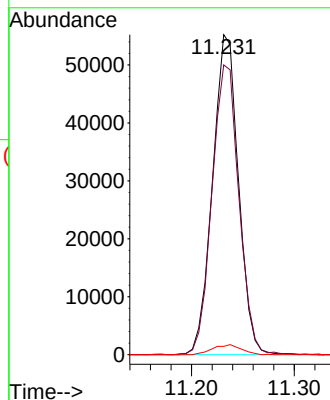
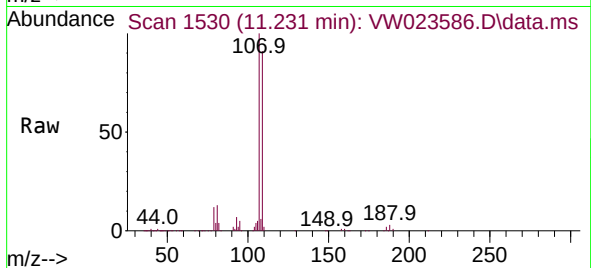
Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	96541
Ion Ratio	Lower	Upper	
107	100		
109	90.6	67.2	124.8
188	2.6	2.7	4.1#



#51

Chlorobenzene

Concen: 24.476 ug/L

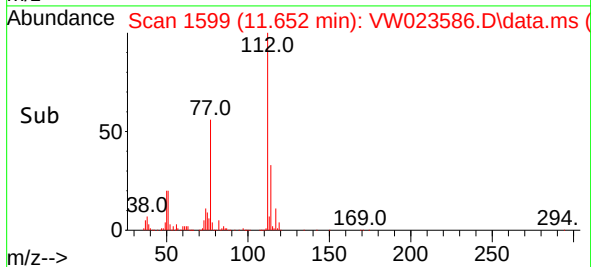
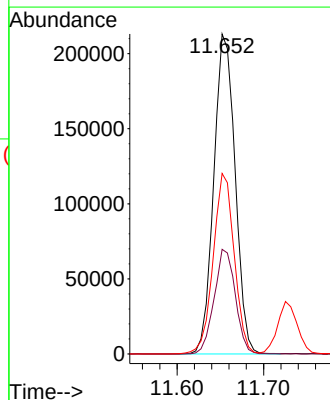
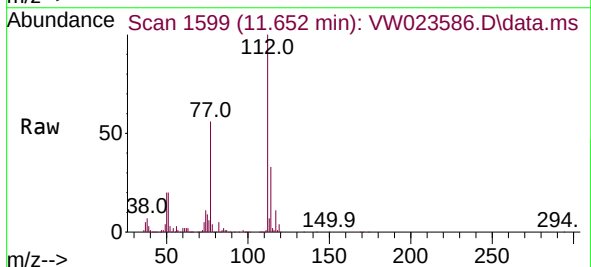
RT: 11.652 min Scan# 1599

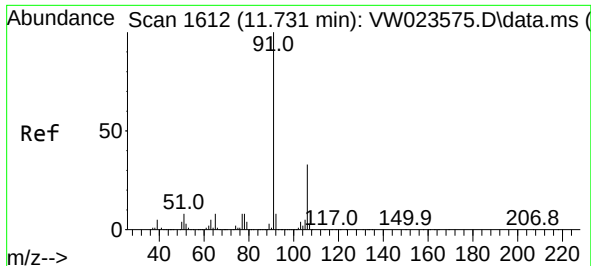
Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Tgt Ion:	112	Resp:	364760
Ion Ratio	Lower	Upper	
112	100		
114	32.7	23.1	42.9
77	56.4	44.2	66.4

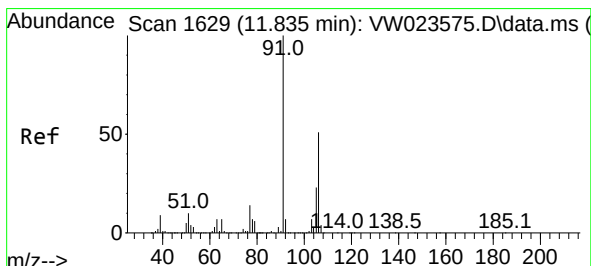
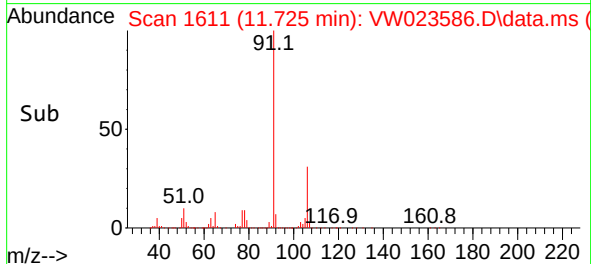
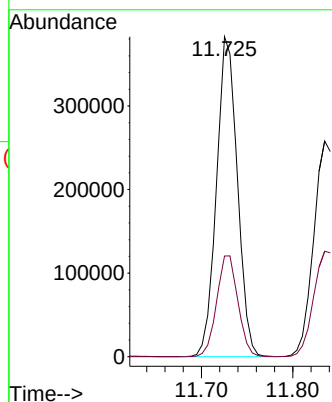
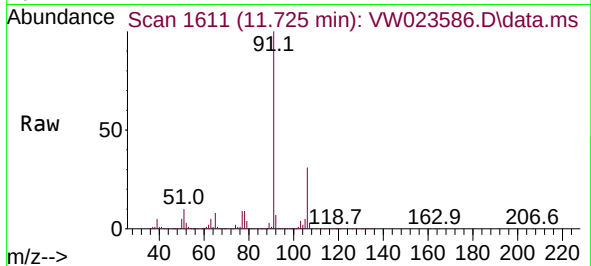




#52
Ethylbenzene
Concen: 24.611 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

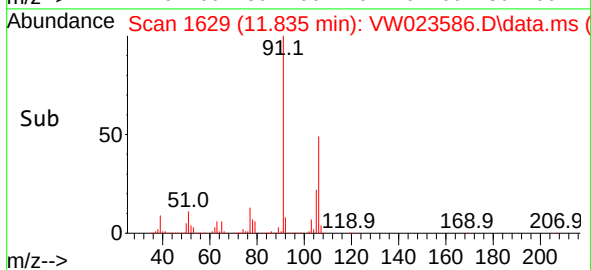
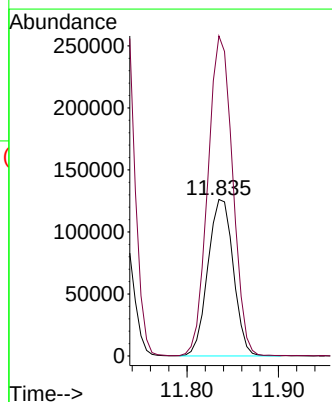
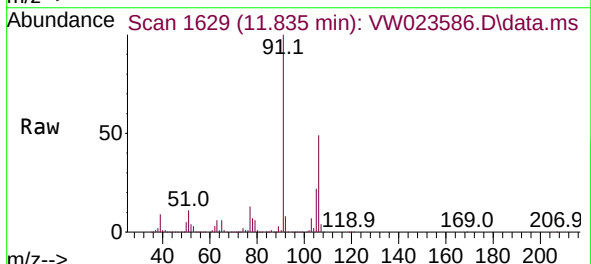
Instrument :
MSVOA_W
ClientSampleId :

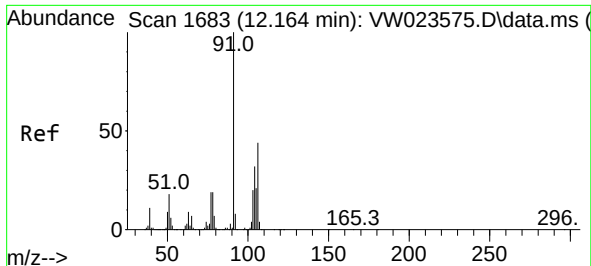
Tgt Ion: 91 Resp: 608244
Ion Ratio Lower Upper
91 100
106 31.5 21.4 39.8



#53
m,p-Xylene
Concen: 25.481 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion:106 Resp: 244297
Ion Ratio Lower Upper
106 100
91 204.5 140.8 261.6

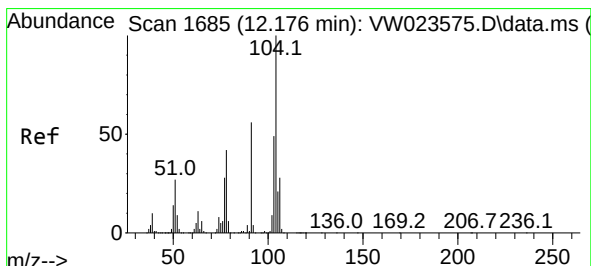
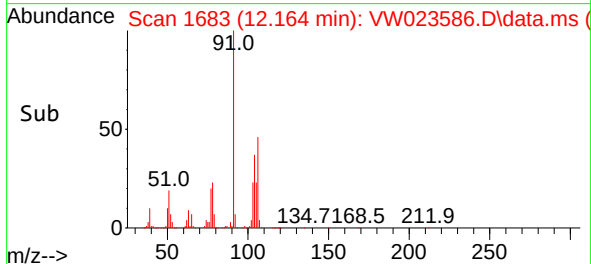
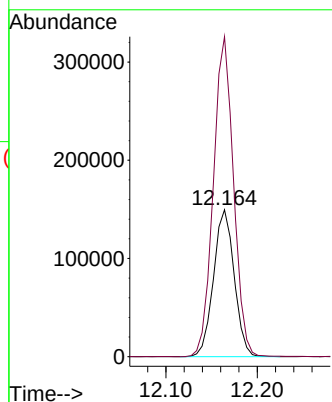
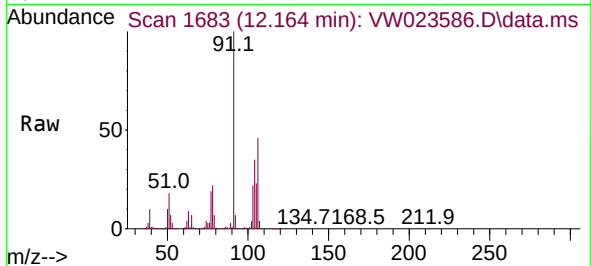




#54
o-Xylene
Concen: 25.627 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

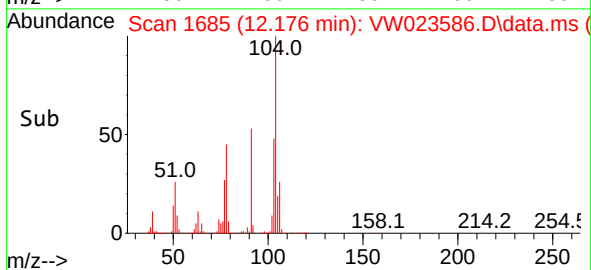
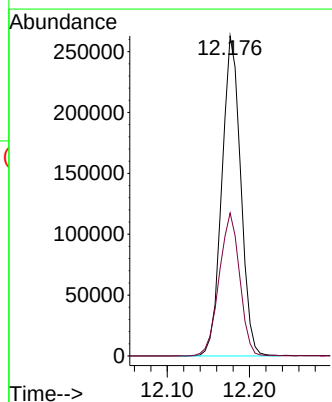
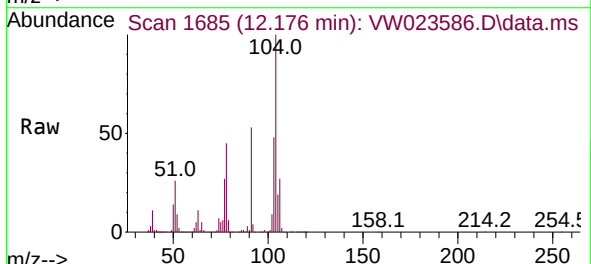
Instrument :
MSVOA_W
ClientSampleId :

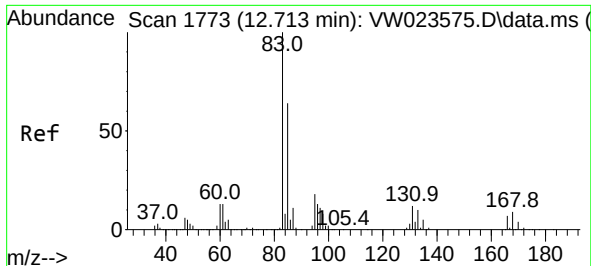
Tgt Ion:106 Resp: 235295
Ion Ratio Lower Upper
106 100
91 217.9 149.3 277.3



#55
Styrene
Concen: 26.254 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion:104 Resp: 419185
Ion Ratio Lower Upper
104 100
78 44.7 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.205 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

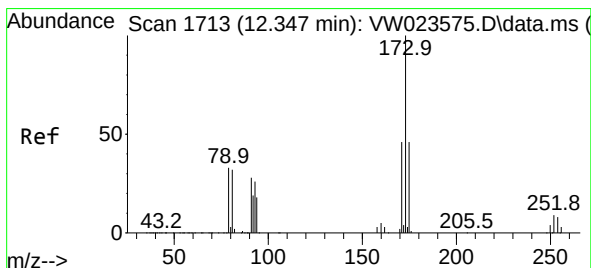
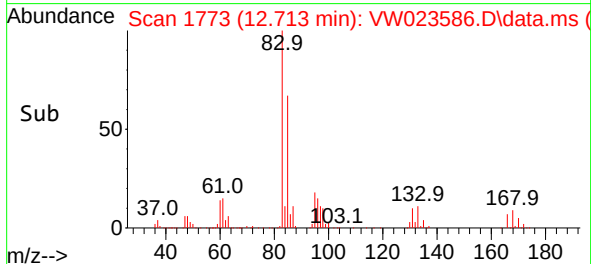
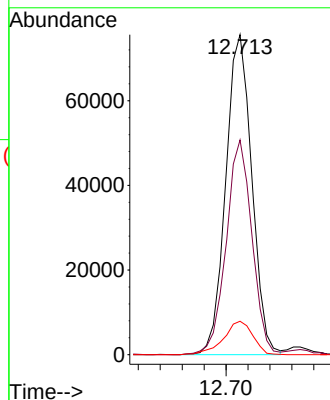
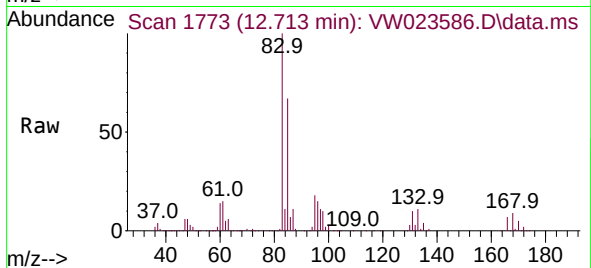
Tgt Ion: 83 Resp: 124649

Ion Ratio Lower Upper

83 100

85 67.1 44.0 81.6

131 10.5 8.5 12.7



#59

Bromoform

Concen: 23.168 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

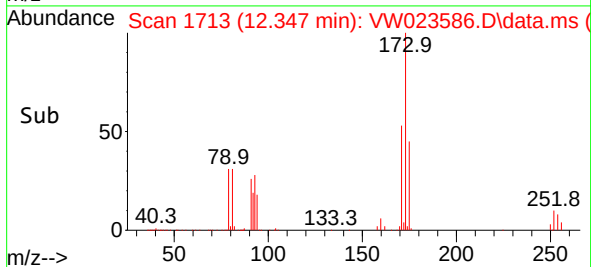
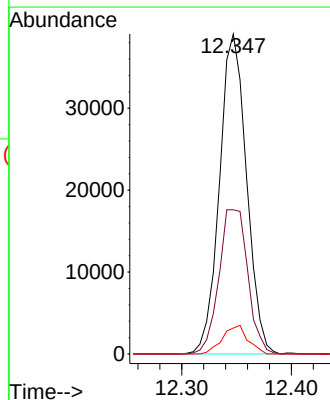
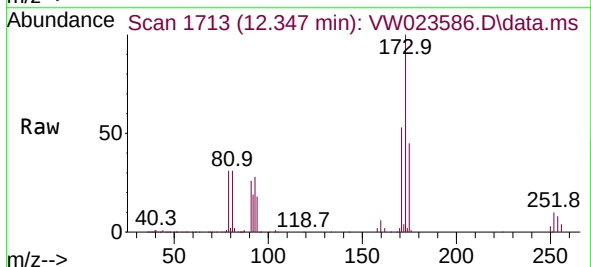
Tgt Ion:173 Resp: 66966

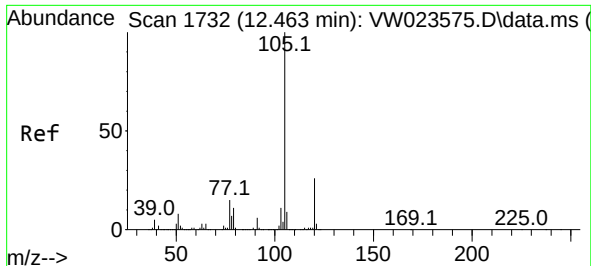
Ion Ratio Lower Upper

173 100

175 48.2 37.9 56.9

254 8.4 7.0 10.4

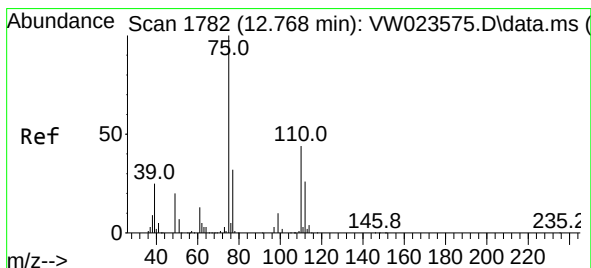
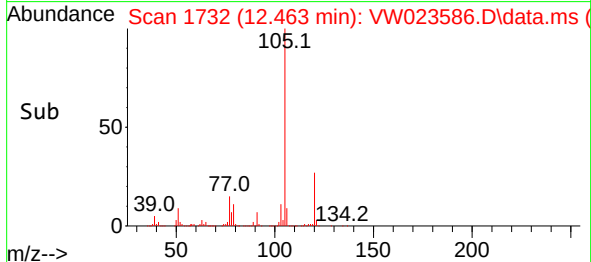
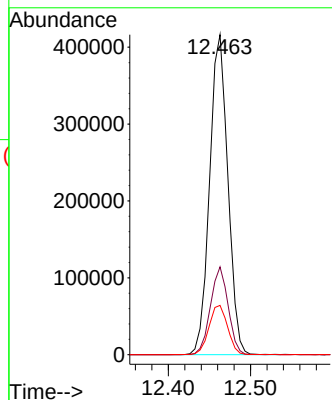
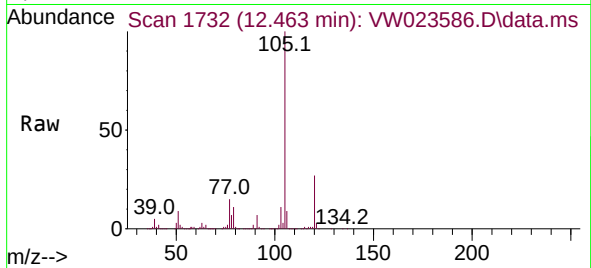




#60
Isopropylbenzene
Concen: 25.643 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

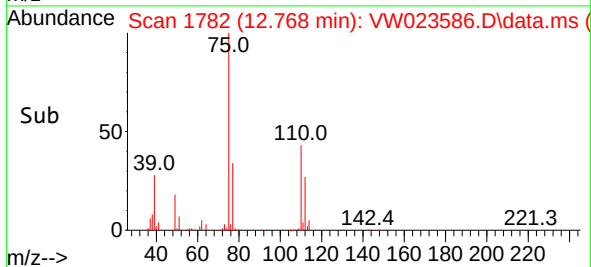
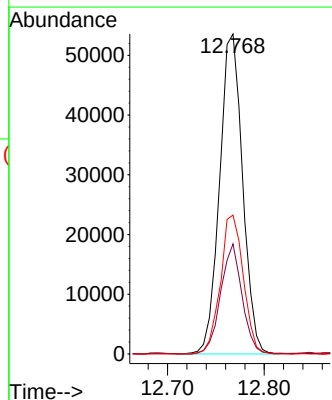
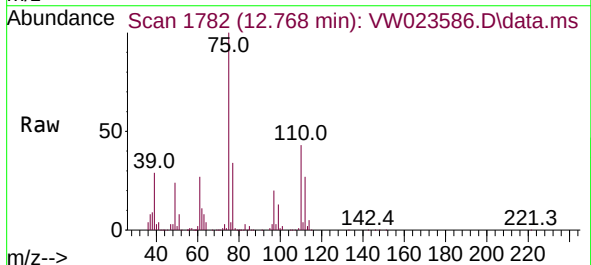
Instrument :
MSVOA_W
ClientSampleId :

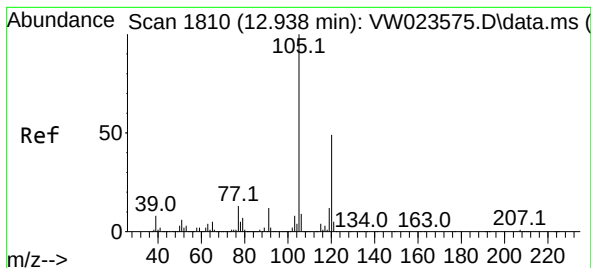
Tgt Ion:105 Resp: 640373
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.8 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 22.534 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion: 75 Resp: 88515
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
110 43.2 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 26.262 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

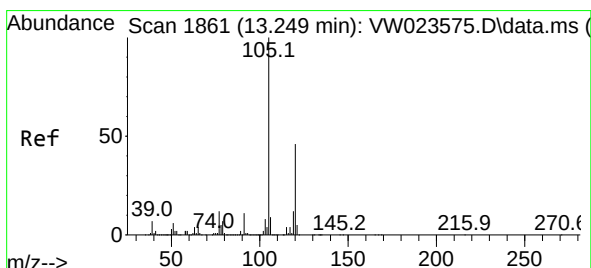
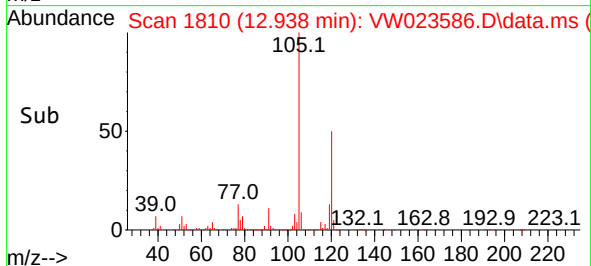
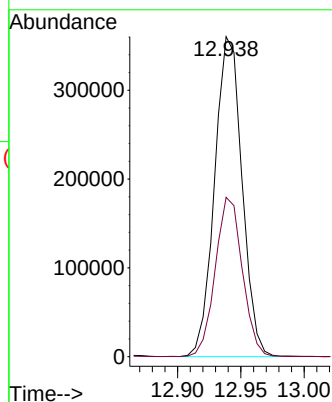
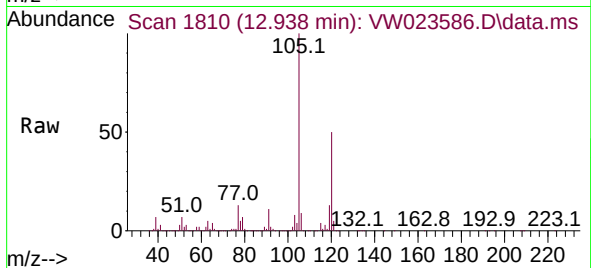
ClientSampleId :

Tgt Ion:105 Resp: 543876

Ion Ratio Lower Upper

105 100

120 49.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 26.470 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023586.D

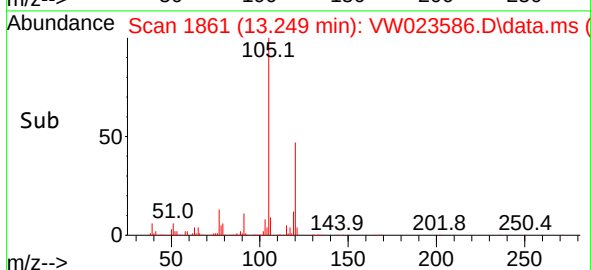
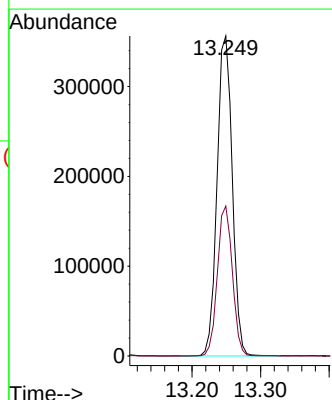
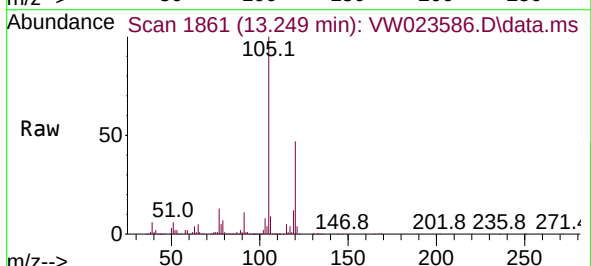
Acq: 08 Jul 2022 09:24

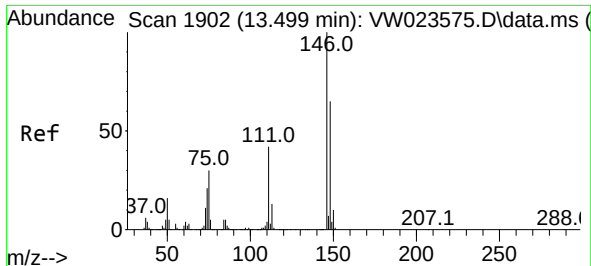
Tgt Ion:105 Resp: 548359

Ion Ratio Lower Upper

105 100

120 46.2 36.9 55.3

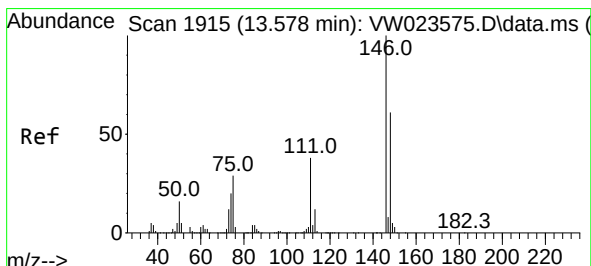
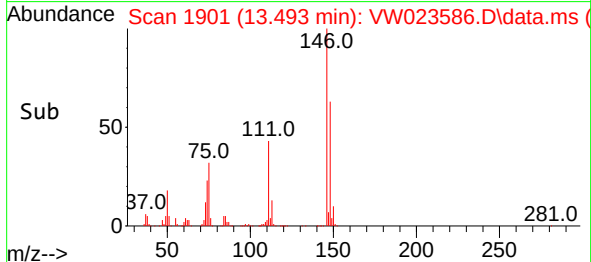
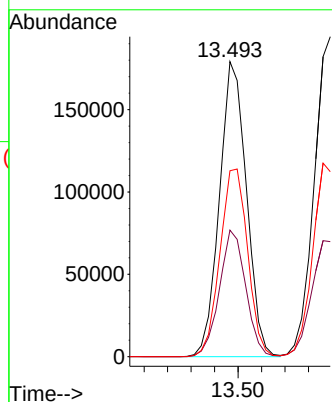
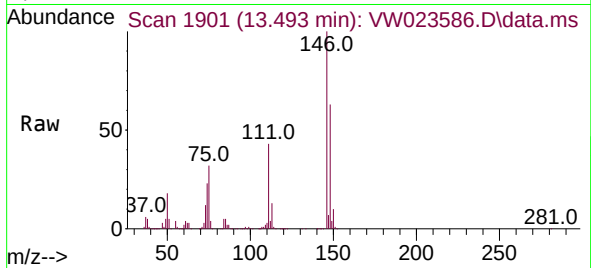




#64
1,3-Dichlorobenzene
Concen: 24.212 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

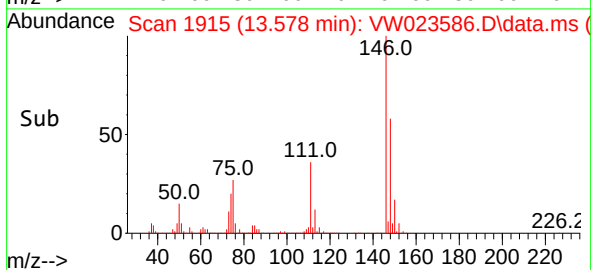
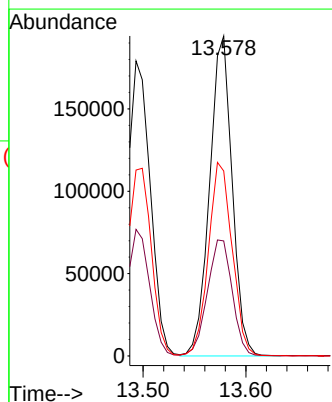
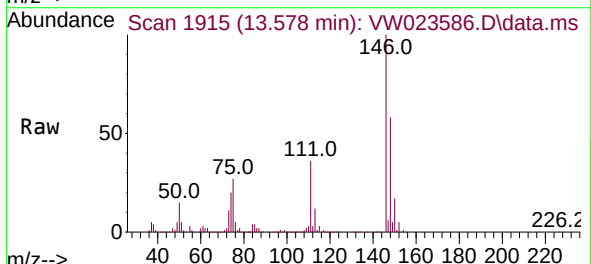
Instrument :
MSVOA_W
ClientSampleId :

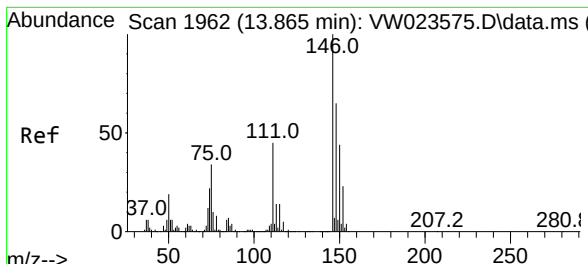
Tgt Ion:146 Resp: 286010
Ion Ratio Lower Upper
146 100
111 42.9 26.7 49.7
148 63.0 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 24.721 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023586.D
Acq: 08 Jul 2022 09:24

Tgt Ion:146 Resp: 296178
Ion Ratio Lower Upper
146 100
111 36.0 28.2 52.4
148 57.8 44.4 82.4

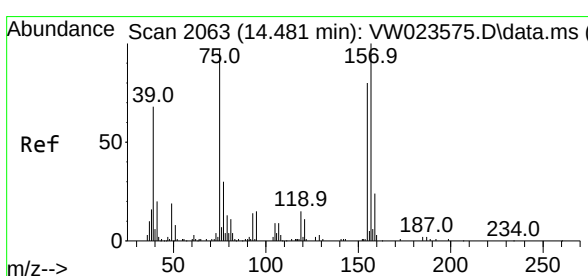
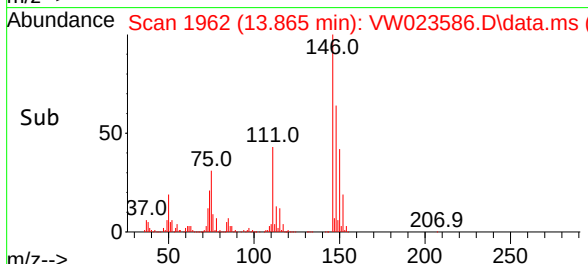
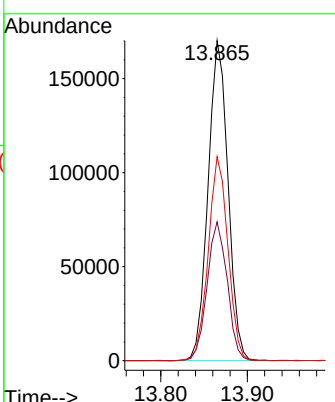
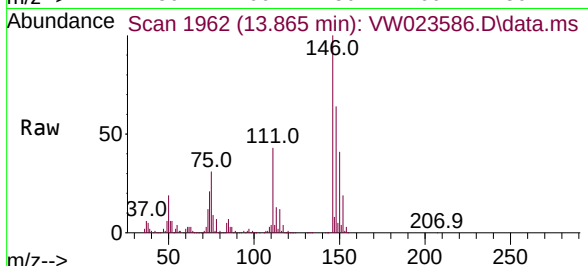




#67
 1,2-Dichlorobenzene
 Concen: 25.014 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

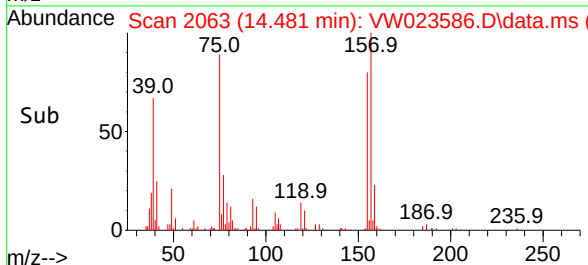
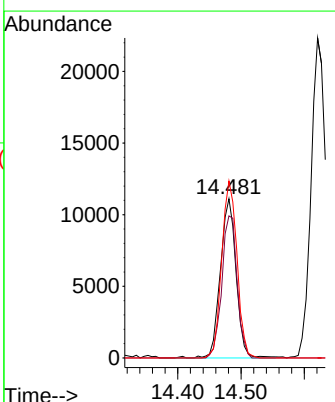
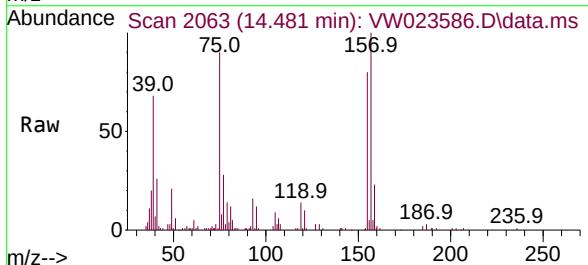
Instrument :
 MSVOA_W
 ClientSampleId :

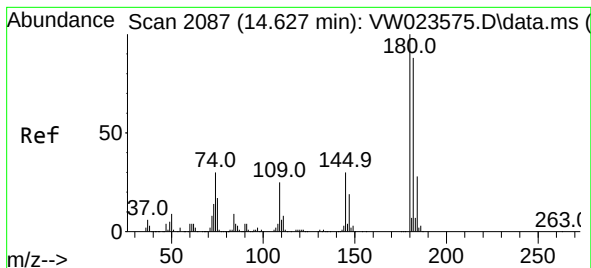
Tgt Ion:	146	Resp:	272486
Ion	Ratio	Lower	Upper
146	100		
111	43.4	30.6	45.8
148	63.7	49.9	74.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 20.657 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW023586.D
 Acq: 08 Jul 2022 09:24

Tgt Ion:	75	Resp:	19122
Ion	Ratio	Lower	Upper
75	100		
155	89.2	63.8	95.6
157	111.1	85.0	127.4





#69

1,3,5-Trichlorobenzene

Concen: 25.153 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

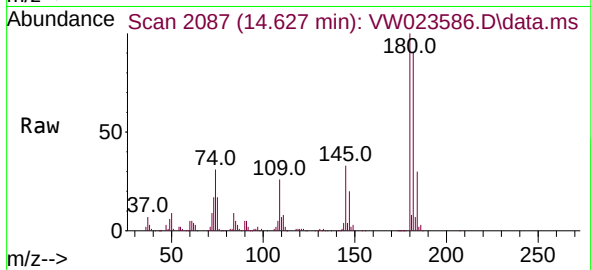
Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 192790

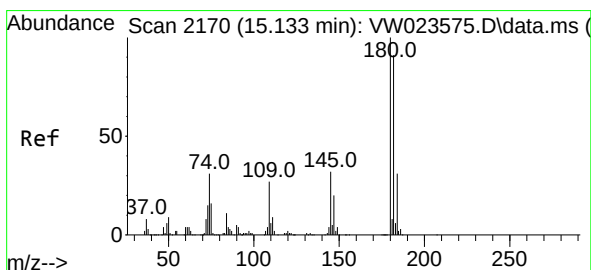
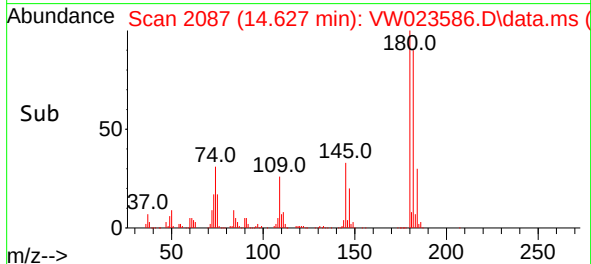
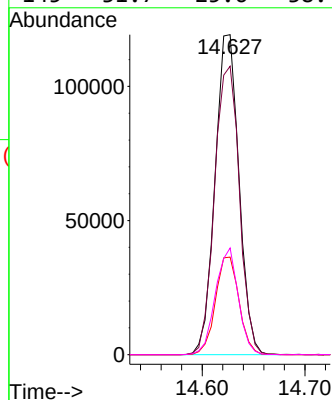
Ion Ratio Lower Upper

180 100

182 93.7 75.5 113.3

184 30.1 24.6 36.8

145 31.7 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 24.553 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

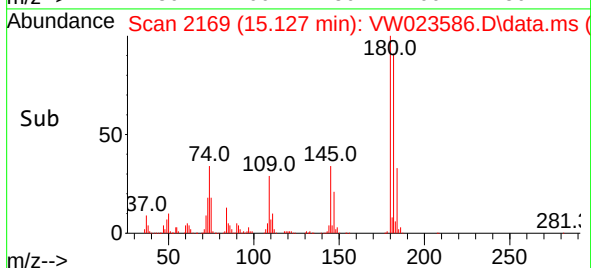
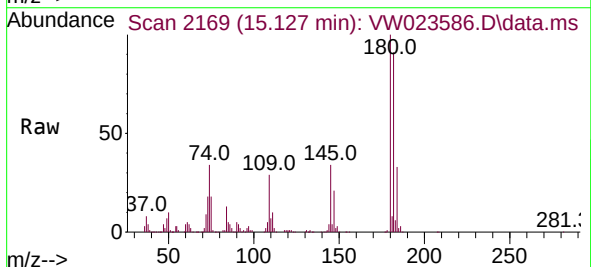
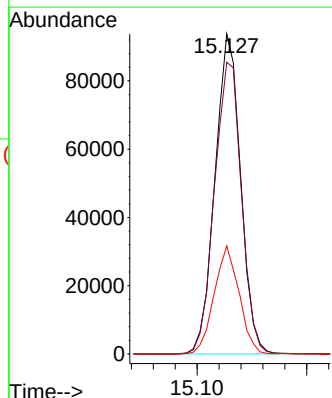
Tgt Ion:180 Resp: 152061

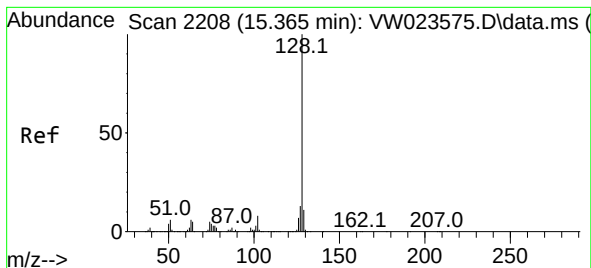
Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.4

145 32.8 26.1 39.1





#71

Naphthalene

Concen: 23.787 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

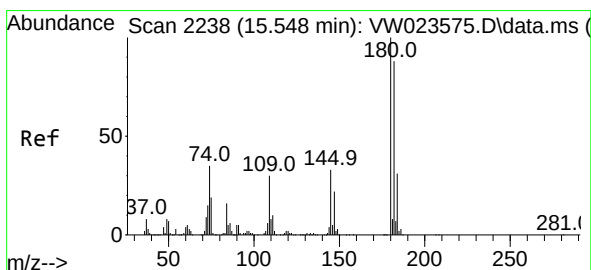
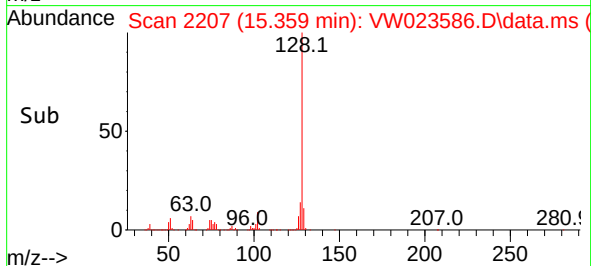
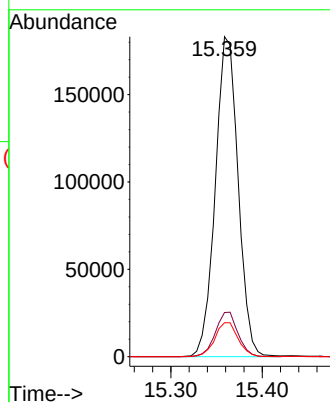
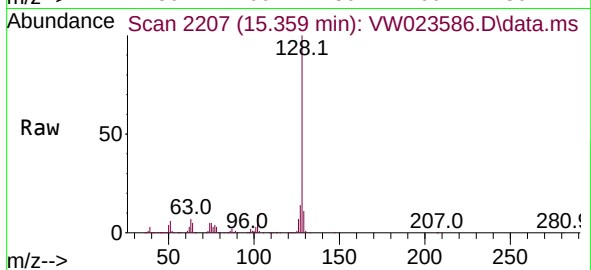
Tgt Ion:128 Resp: 317987

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.774 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023586.D

Acq: 08 Jul 2022 09:24

Tgt Ion:180 Resp: 136480

Ion Ratio Lower Upper

180 100

182 96.3 75.6 113.4

145 36.1 28.2 42.2

