

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023584.D
 Acq On : 07 Jul 2022 19:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

Quant Time: Jul 08 01:49:20 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	300192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	300398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158708	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	142460	26.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.880%	
7) Chloroethane-d5	2.879	69	85954	27.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.640%	
11) 1,1-Dichloroethene-d2	4.019	63	148682	24.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.080%	
21) 2-Butanone-d5	7.080	46	59816	53.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.020%	
24) Chloroform-d	7.647	84	215785	25.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.960%	
26) 1,2-Dichloroethane-d4	8.305	65	124288	25.717	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.880%	
32) Benzene-d6	8.275	84	405016	24.368	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.480%	
36) 1,2-Dichloropropane-d6	9.275	67	121947	25.060	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.240%	
41) Toluene-d8	10.323	98	397933	24.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.800%	
43) trans-1,3-Dichloroprop...	10.579	79	52254	24.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.240%	
47) 2-Hexanone-d5	10.921	63	50322	52.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.740%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121883	25.247	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.000%	
66) 1,2-Dichlorobenzene-d4	13.853	152	147258	25.718	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	54781	30.509	ug/L	99
3) Chloromethane	2.215	50	102930	24.753	ug/L	97
5) Vinyl chloride	2.355	62	176931	26.174	ug/L	99
6) Bromomethane	2.770	94	96747	24.791	ug/L	100
8) Chloroethane	2.916	64	70120	27.456	ug/L	91
9) Trichlorofluoromethane	3.245	101	55725	20.663	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	100682	23.517	ug/L	99
12) 1,1-Dichloroethene	4.038	96	87616	24.544	ug/L	94
13) Acetone	4.129	43	38709	46.544	ug/L	77
14) Carbon disulfide	4.385	76	250453	23.565	ug/L	97
15) Methyl Acetate	4.672	43	50379	25.808	ug/L	95
16) Methylene chloride	4.922	84	112641	22.126	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	103919	24.185	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	166118	26.185	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	189372	25.125	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	116597	24.776	ug/L	99
22) 2-Butanone	7.177	43	70751	47.412	ug/L	98
23) Bromochloromethane	7.513	128	58276	24.886	ug/L	96
25) Chloroform	7.677	83	218010	25.465	ug/L	95

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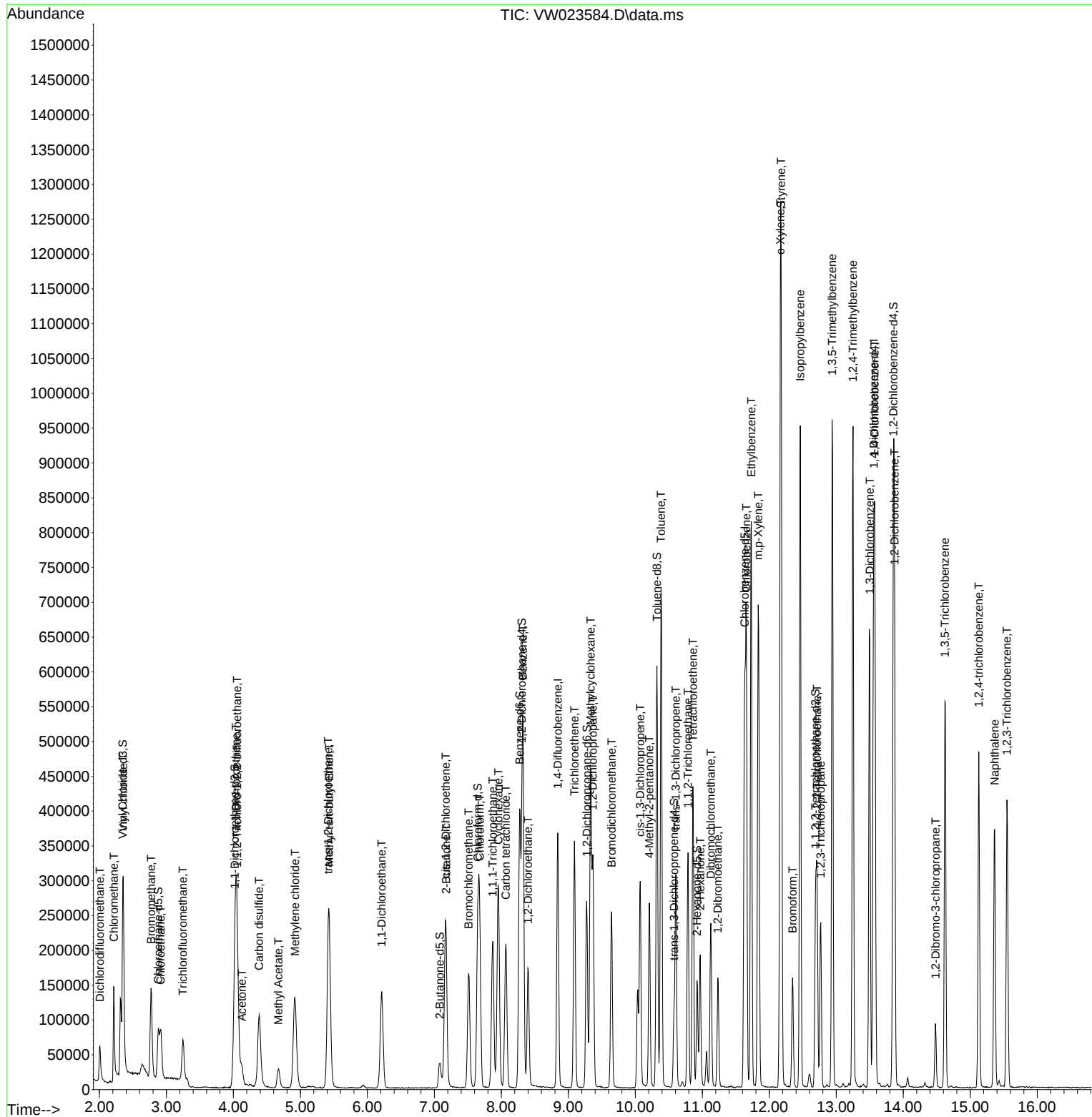
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	150466	25.970	ug/L	100
29) Cyclohexane	7.958	56	148517	23.766	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	168522	23.596	ug/L	99
31) Carbon tetrachloride	8.067	117	152786	23.091	ug/L	99
33) Benzene	8.323	78	457783	24.269	ug/L	100
34) Trichloroethene	9.092	95	117027	23.804	ug/L	94
35) Methylcyclohexane	9.335	83	182150	23.030	ug/L	99
37) 1,2-Dichloropropane	9.366	63	113323	24.850	ug/L	99
38) Bromodichloromethane	9.646	83	164334	25.523	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	168584	24.235	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	164597	54.215	ug/L	98
42) Toluene	10.384	91	512864	24.919	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	154642	24.111	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	101648	25.895	ug/L	96
46) Tetrachloroethene	10.860	164	89149	23.069	ug/L	90
48) 2-Hexanone	10.969	43	116634	54.224	ug/L	98
49) Dibromochloromethane	11.128	129	116602	24.953	ug/L	96
50) 1,2-Dibromoethane	11.231	107	99522	25.682	ug/L	96
51) Chlorobenzene	11.658	112	343899	24.542	ug/L	98
52) Ethylbenzene	11.731	91	562591	24.211	ug/L	99
53) m,p-Xylene	11.835	106	226945	25.175	ug/L	96
54) o-Xylene	12.164	106	219633	25.442	ug/L	97
55) Styrene	12.176	104	399392	26.604	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	131917	26.118	ug/L	99
59) Bromoform	12.347	173	64620	24.341	ug/L	97
60) Isopropylbenzene	12.463	105	577062	25.159	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	93582	25.938	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	487868	25.649	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	495884	26.062	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	264841	24.410	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	262768	23.879	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	254283	25.415	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	21626	25.436	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	158527	22.519	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	133237	23.424	ug/L	98
71) Naphthalene	15.365	128	313404	25.525	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	125848	23.868	ug/L	99

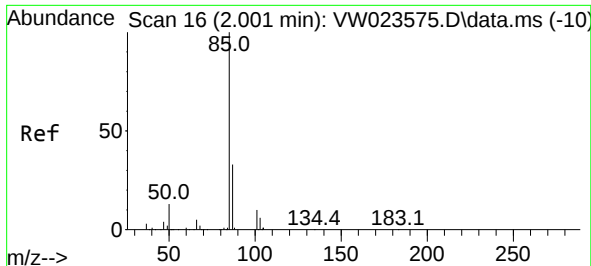
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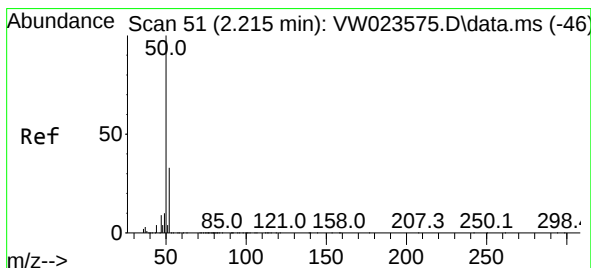
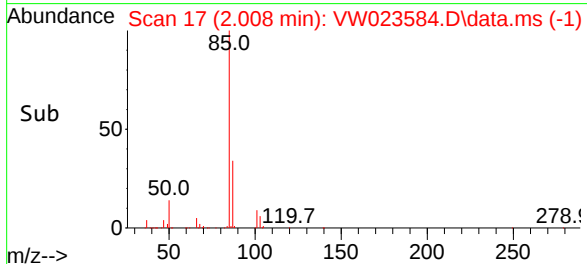
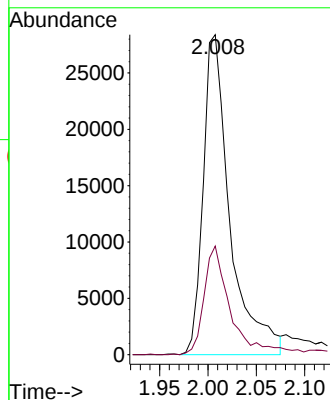
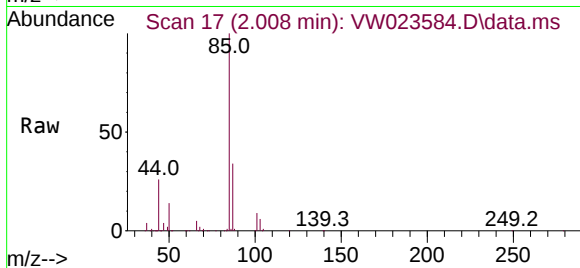




#2
Dichlorodifluoromethane
Concen: 30.509 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

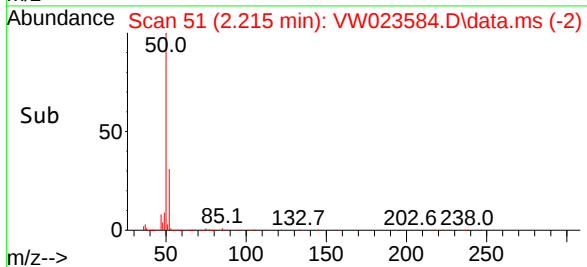
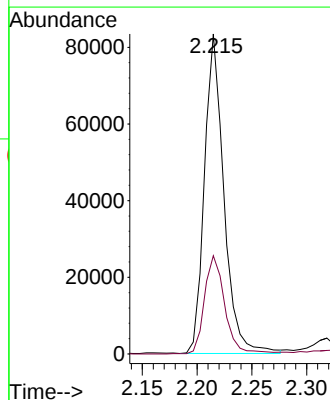
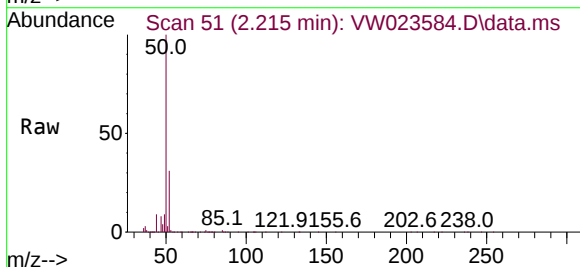
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MSVOA_W
ClientSampleId :
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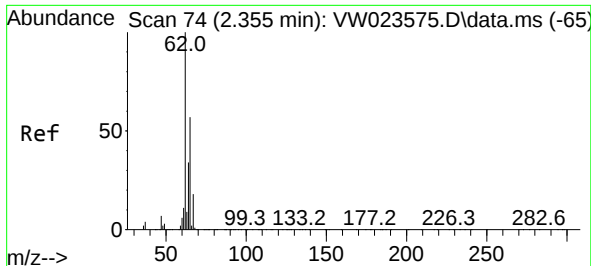
Tgt Ion: 85 Resp: 54781
Ion Ratio Lower Upper
85 100
87 33.2 26.0 39.0



#3
Chloromethane
Concen: 24.753 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 50 Resp: 102930
Ion Ratio Lower Upper
50 100
52 30.7 22.5 41.9

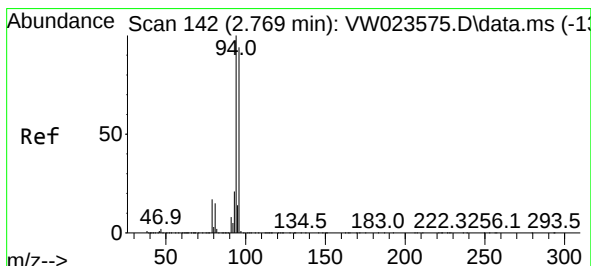
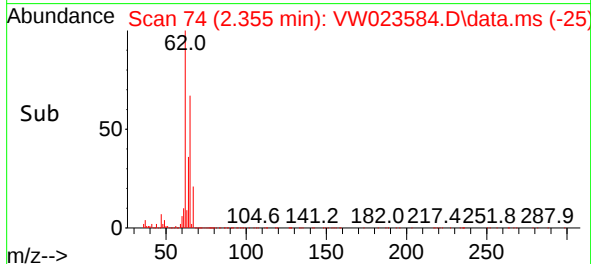
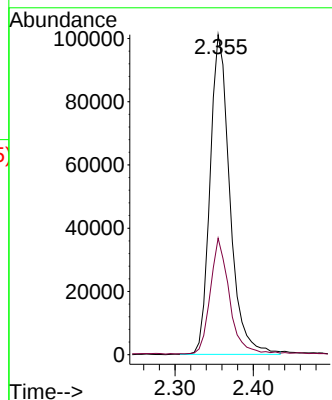
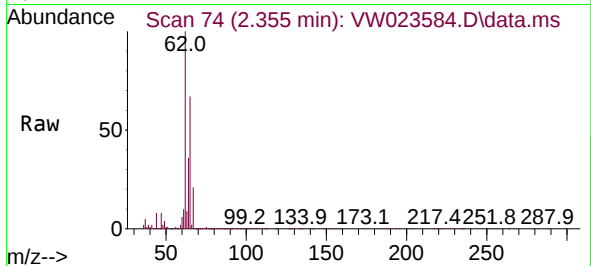




#5
 Vinyl chloride
 Concen: 26.174 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023584.D
 Acq: 07 Jul 2022 19:35

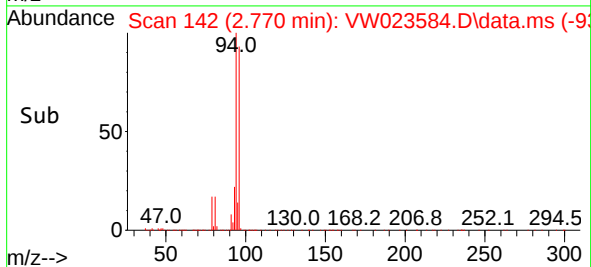
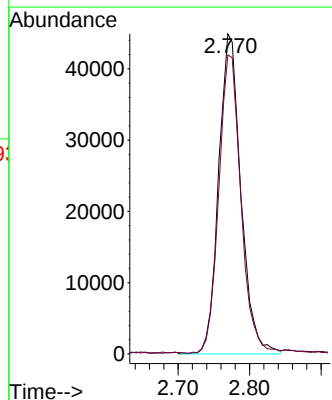
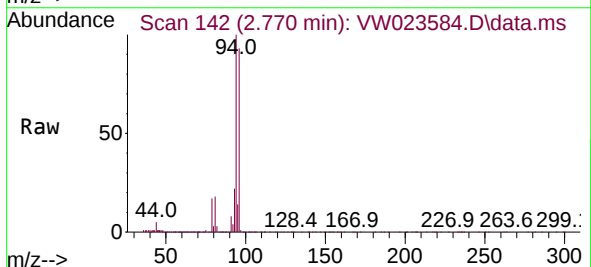
Instrument :
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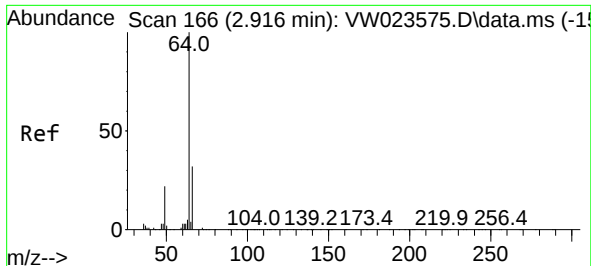
Tgt Ion: 62 Resp: 176931
 Ion Ratio Lower Upper
 62 100
 64 36.4 25.8 47.8



#6
 Bromomethane
 Concen: 24.791 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023584.D
 Acq: 07 Jul 2022 19:35

Tgt Ion: 94 Resp: 96747
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.6 121.8

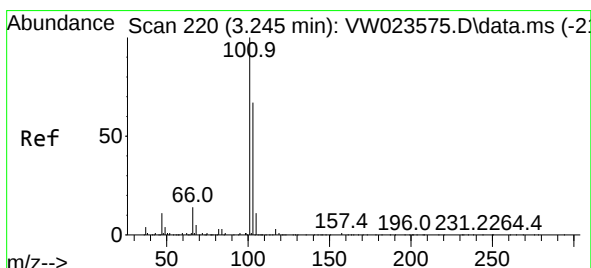
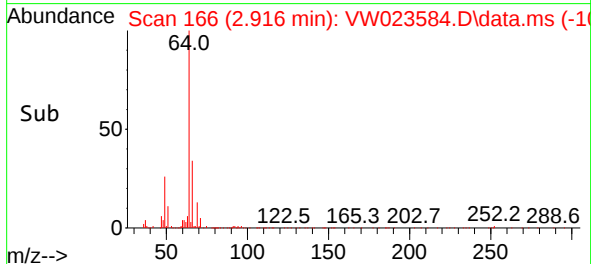
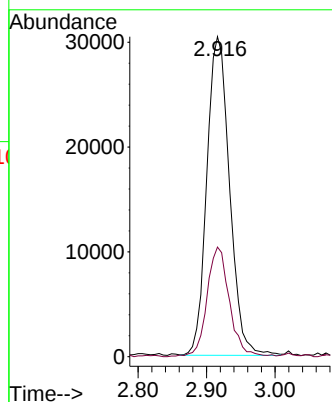
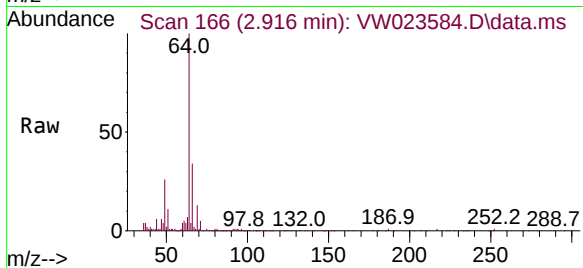




#8
Chloroethane
Concen: 27.456 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

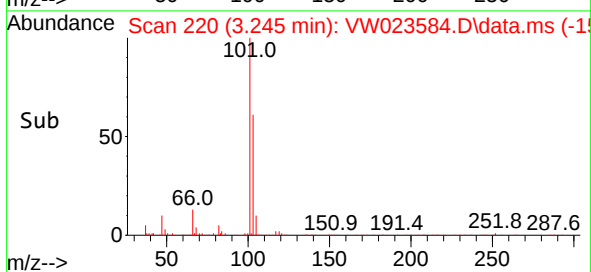
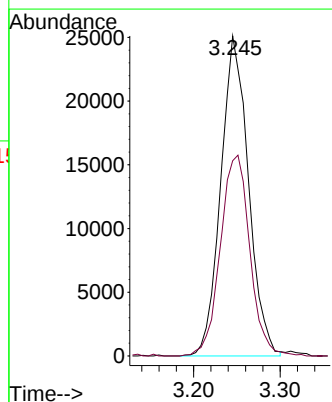
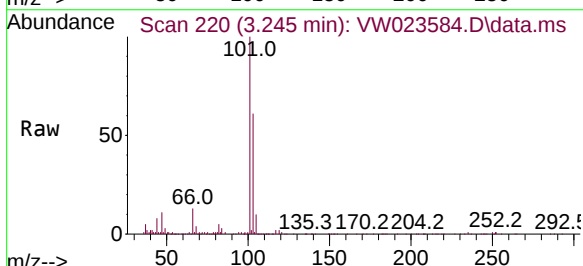
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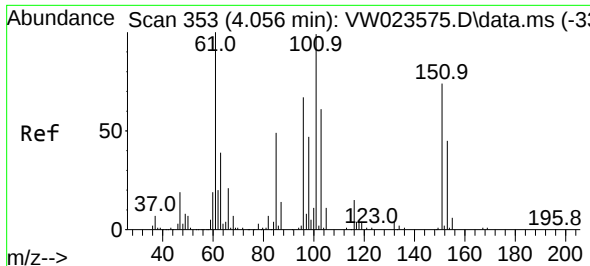
Tgt Ion: 64 Resp: 70120
Ion Ratio Lower Upper
64 100
66 34.2 20.6 38.2



#9
Trichlorofluoromethane
Concen: 20.663 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 101 Resp: 55725
Ion Ratio Lower Upper
101 100
103 66.9 53.2 79.8

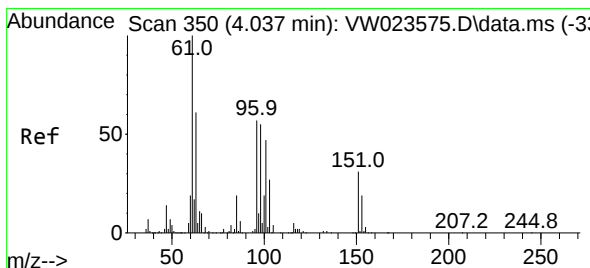
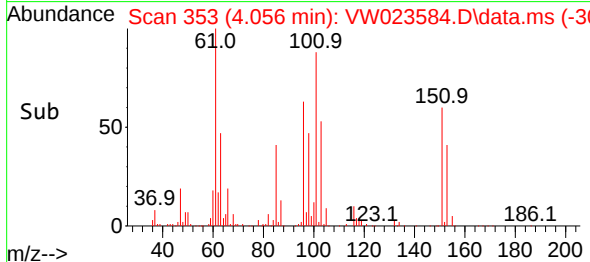
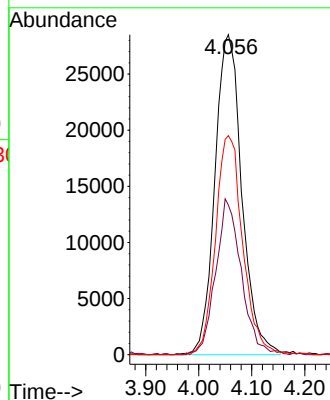
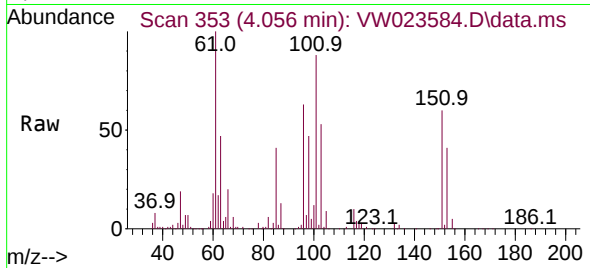




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.517 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023584.D
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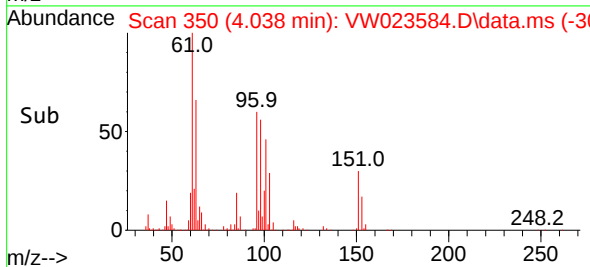
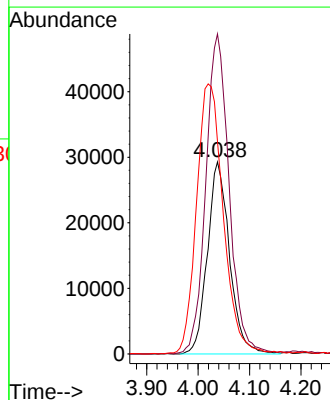
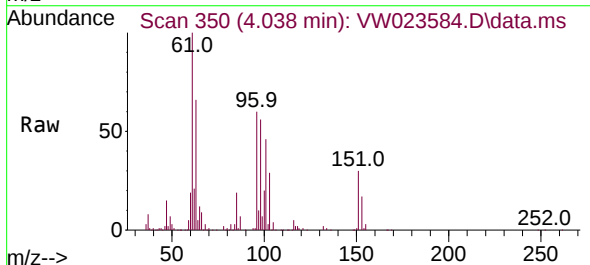
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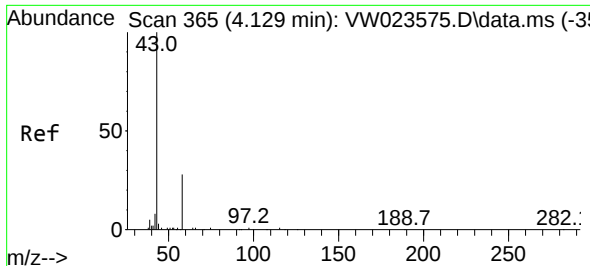
Tgt Ion:101 Resp: 100682
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.0 55.4
 151 68.9 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 24.544 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023584.D
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Tgt Ion: 96 Resp: 87616
 Ion Ratio Lower Upper
 96 100
 61 166.7 122.0 226.6
 63 110.6 83.0 154.2

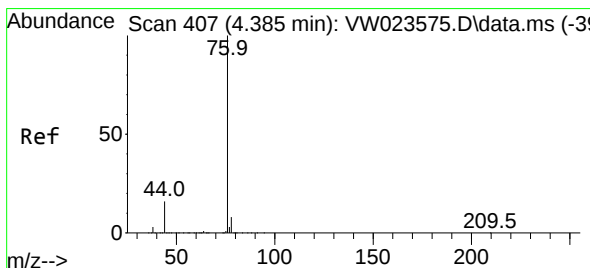
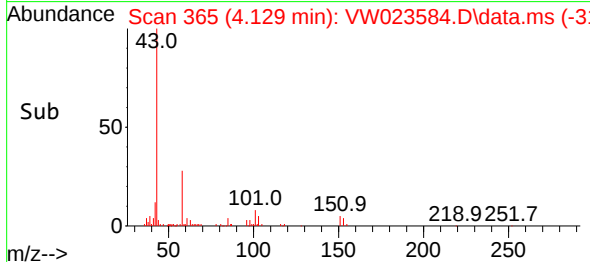
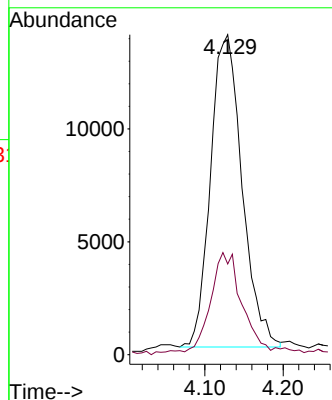
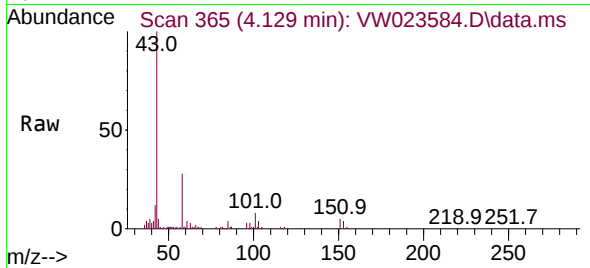




#13
Acetone
Concen: 46.544 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW023584.D
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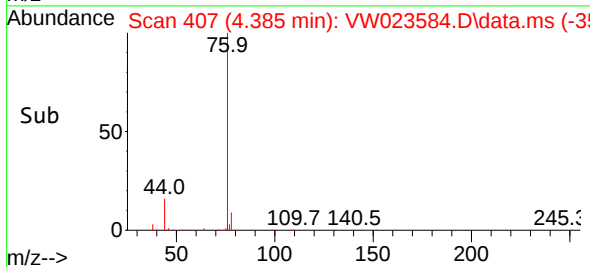
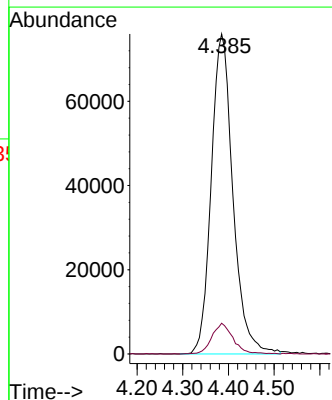
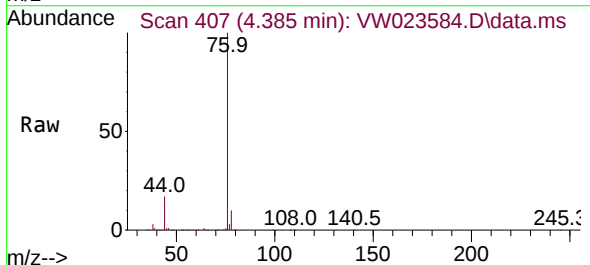
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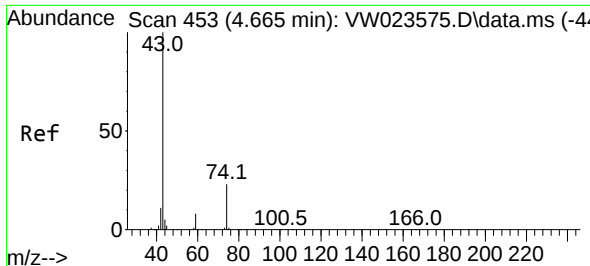
Tgt Ion: 43 Resp: 38709
Ion Ratio Lower Upper
43 100
58 17.9 0.0 61.2



#14
Carbon disulfide
Concen: 23.565 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 250453
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

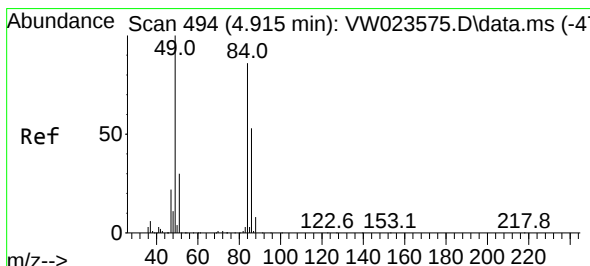
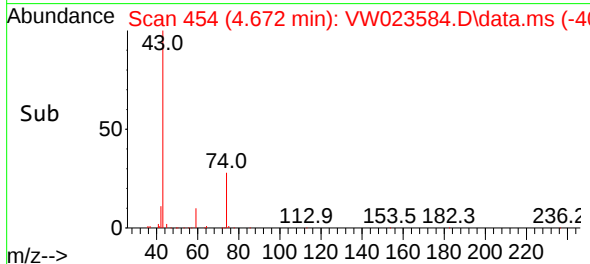
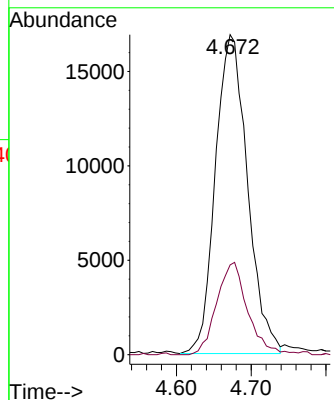
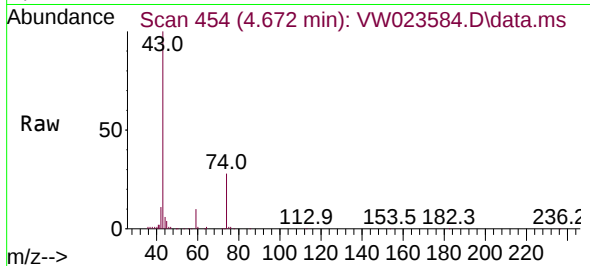




#15
Methyl Acetate
Concen: 25.808 ug/L
RT: 4.672 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

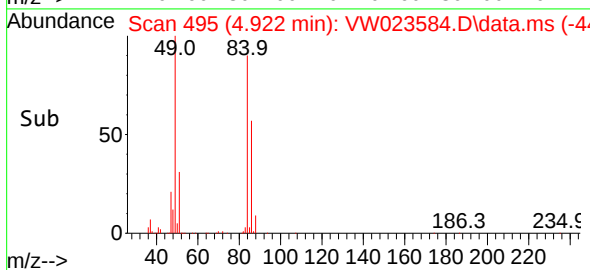
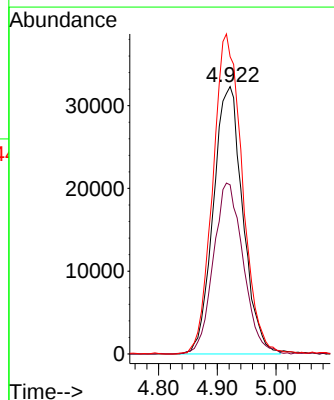
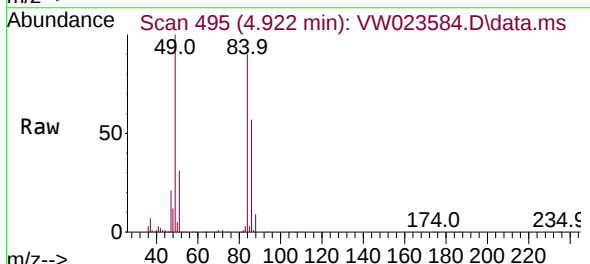
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

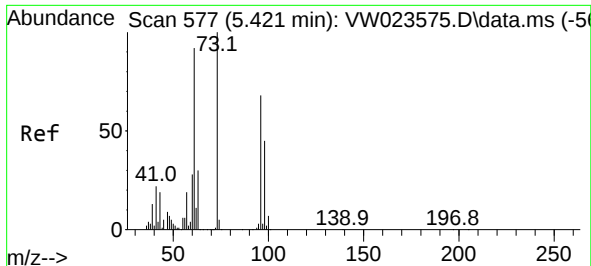
Tgt Ion: 43 Resp: 50379
Ion Ratio Lower Upper
43 100
74 27.9 20.4 30.6



#16
Methylene chloride
Concen: 22.126 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 84 Resp: 112641
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.3
49 111.1 87.6 162.6

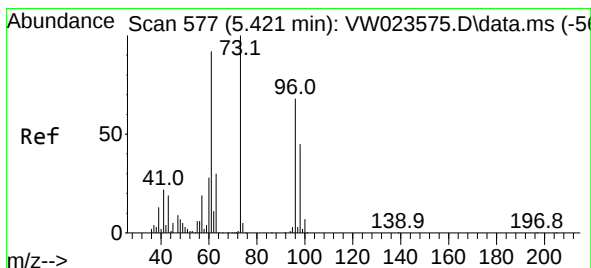
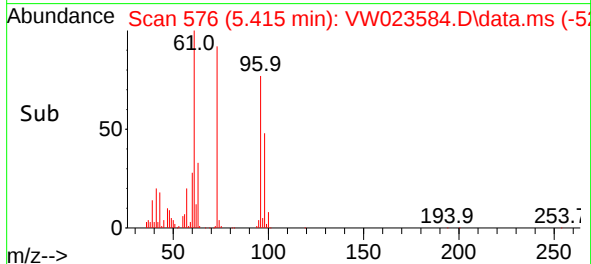
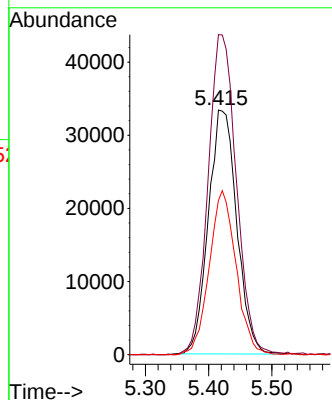
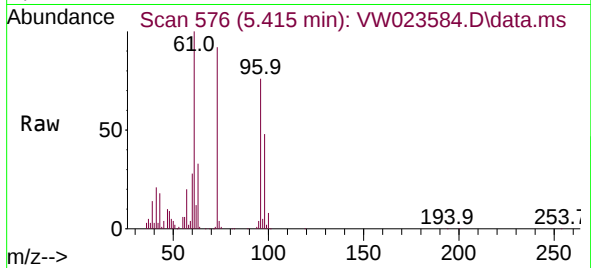




#17
trans-1,2-Dichloroethene
Concen: 24.185 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

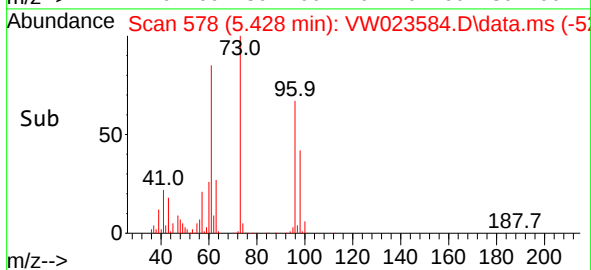
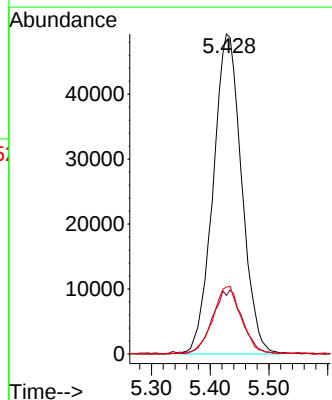
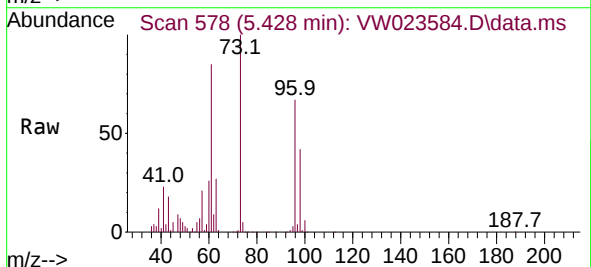
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

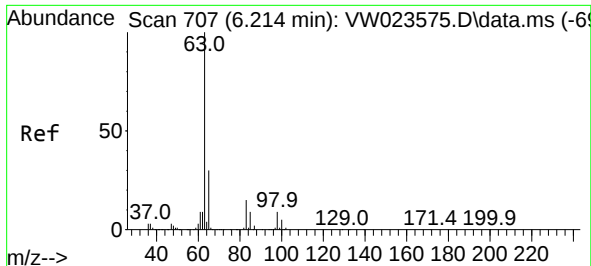
Tgt Ion: 96 Resp: 103919
Ion Ratio Lower Upper
96 100
61 130.8 92.3 171.5
98 63.1 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 26.185 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 73 Resp: 166118
Ion Ratio Lower Upper
73 100
43 10.2 16.2 24.2#
57 21.1 16.9 25.3





#19

1,1-Dichloroethane

Concen: 25.125 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

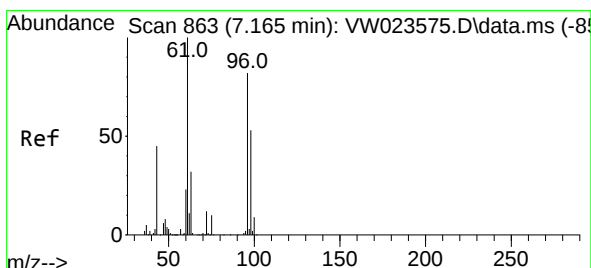
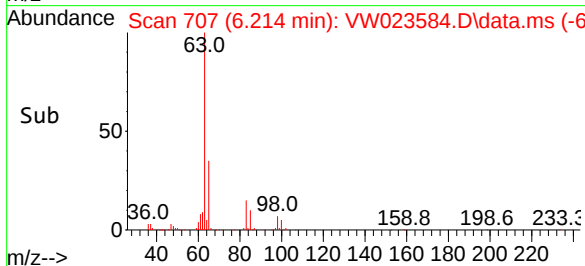
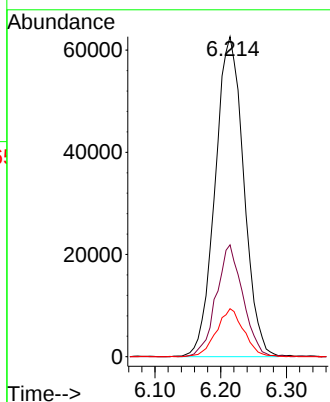
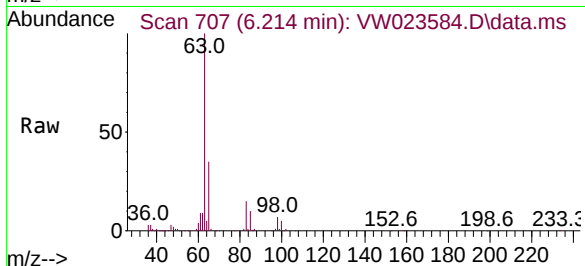
Tgt Ion: 63 Resp: 189372

Ion Ratio Lower Upper

63 100

65 35.0 22.3 41.3

83 15.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.776 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

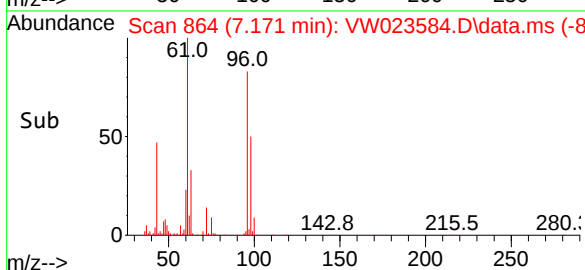
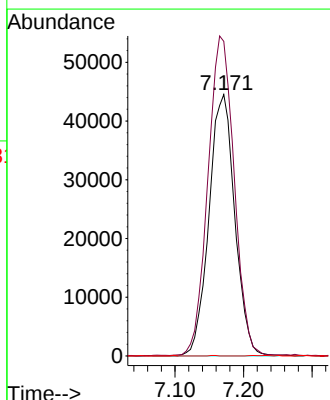
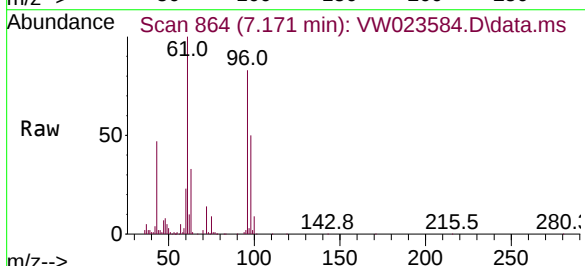
Tgt Ion: 96 Resp: 116597

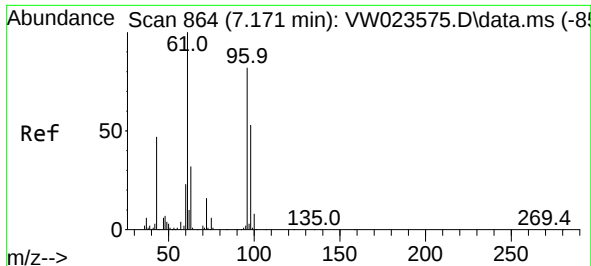
Ion Ratio Lower Upper

96 100

61 120.3 83.2 154.6

68 0.0 0.0 0.0

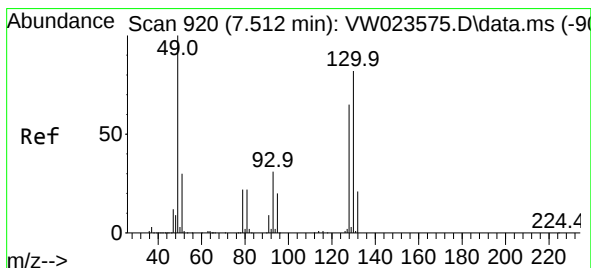
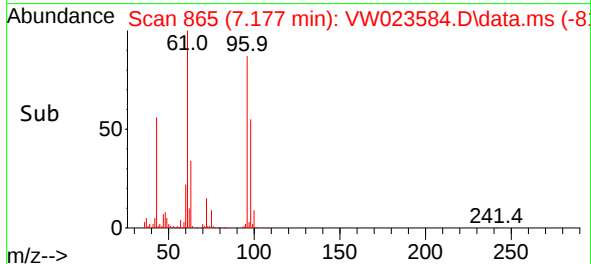
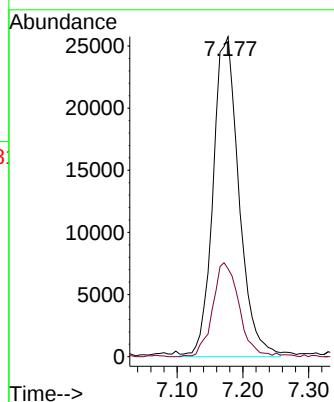
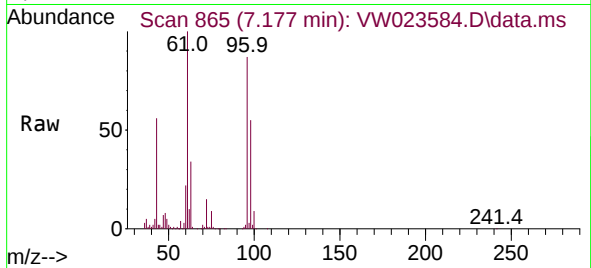




#22
2-Butanone
Concen: 47.412 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

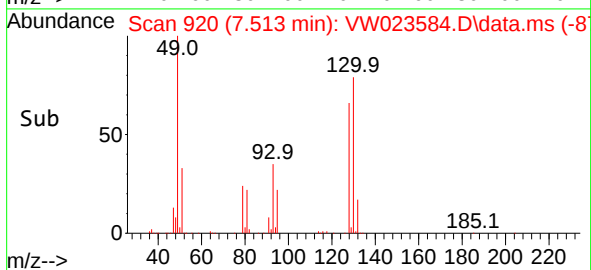
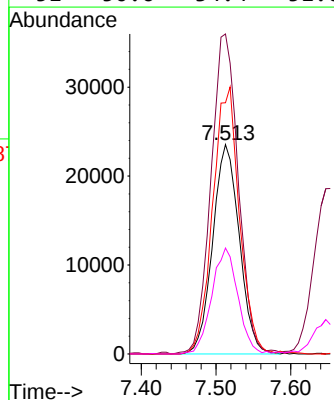
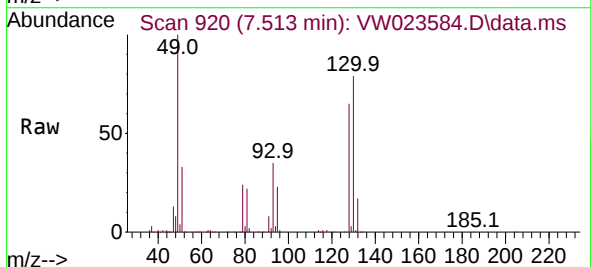
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

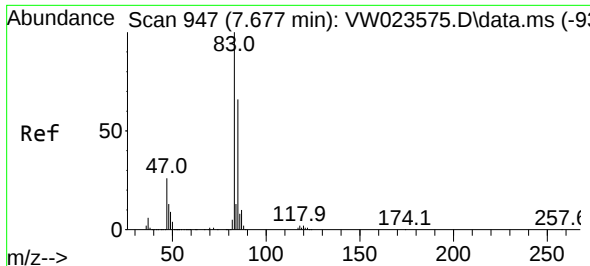
Tgt Ion: 43 Resp: 70751
Ion Ratio Lower Upper
43 100
72 29.3 15.4 46.1



#23
Bromochloromethane
Concen: 24.886 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 128 Resp: 58276
Ion Ratio Lower Upper
128 100
49 152.8 105.8 196.6
130 119.9 87.6 162.8
51 50.6 34.4 51.6

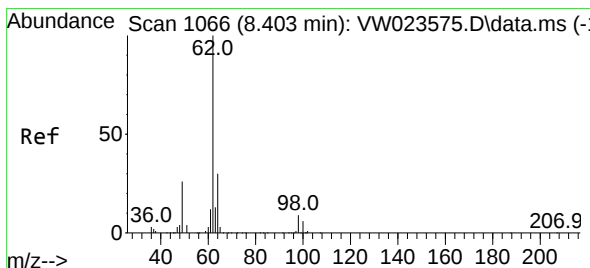
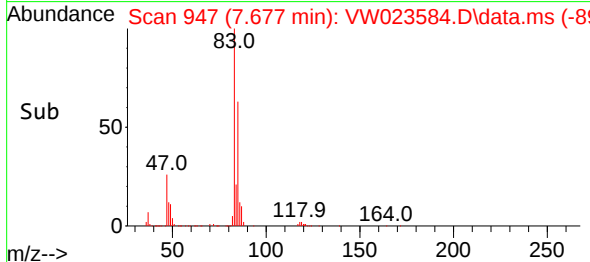
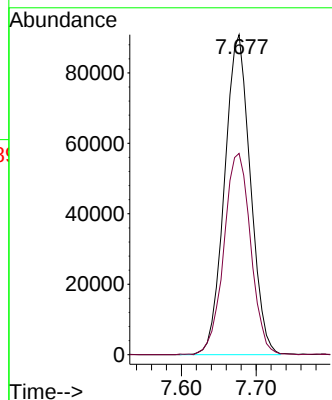
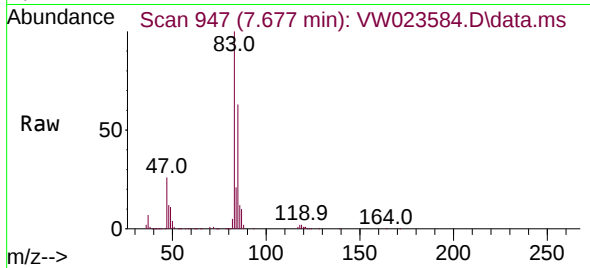




#25
Chloroform
Concen: 25.465 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

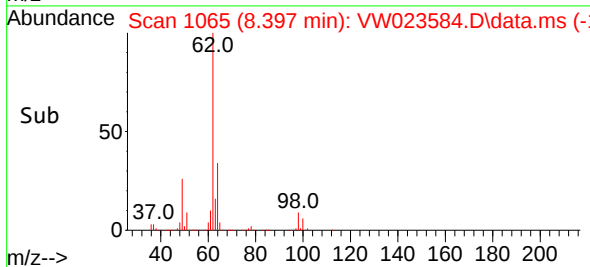
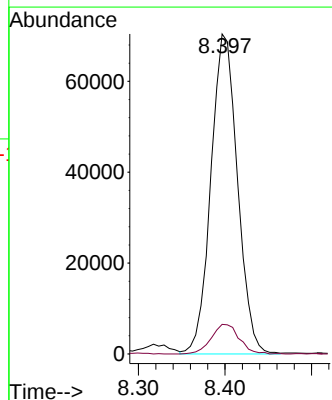
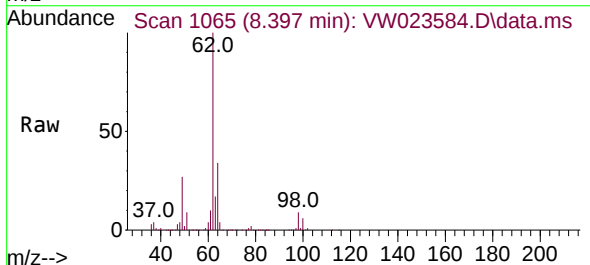
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

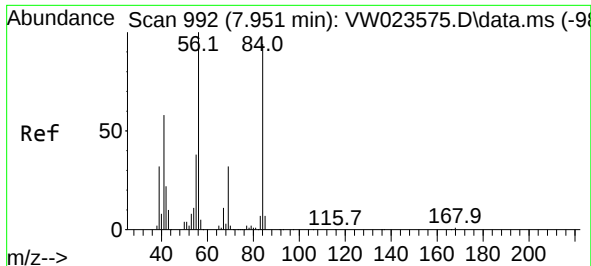
Tgt Ion: 83 Resp: 218010
Ion Ratio Lower Upper
83 100
85 62.9 47.0 87.4



#27
1,2-Dichloroethane
Concen: 25.970 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 62 Resp: 150466
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 23.766 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

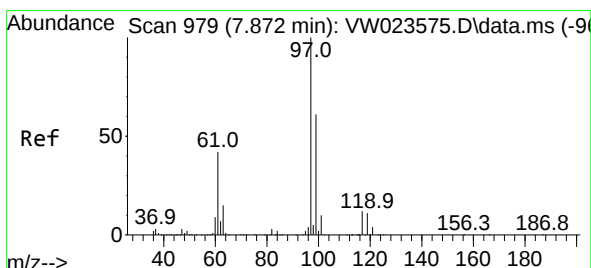
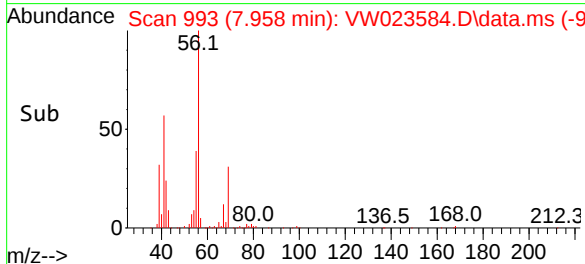
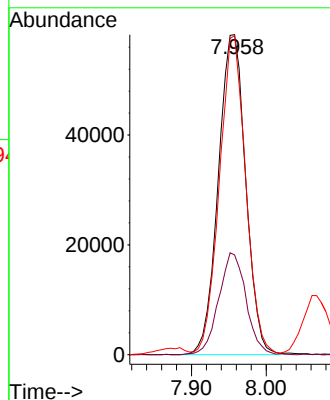
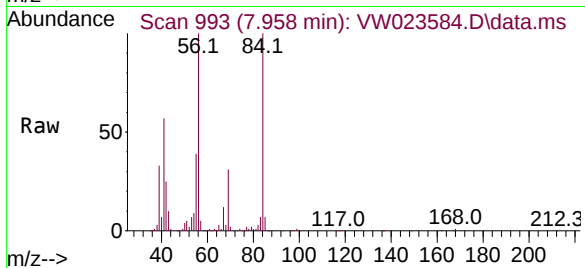
Tgt Ion: 56 Resp: 148517

Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

84 95.9 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 23.596 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

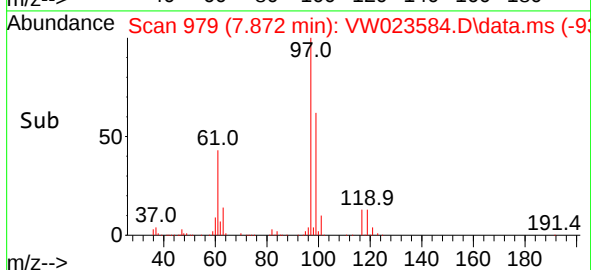
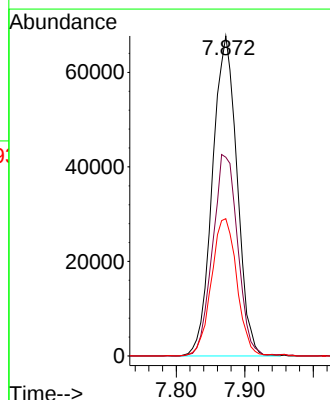
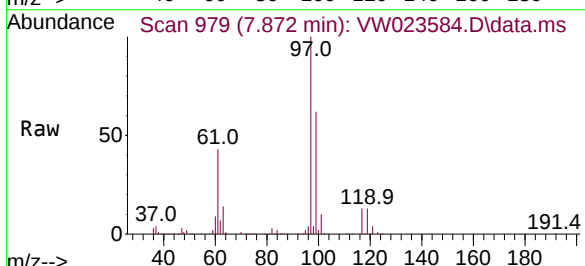
Tgt Ion: 97 Resp: 168522

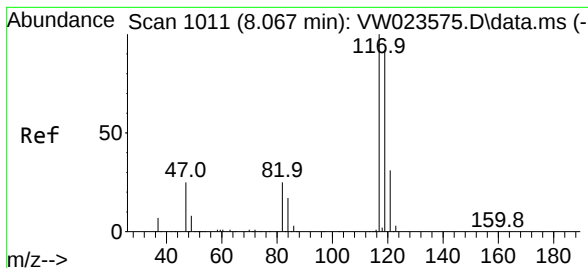
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 44.5 35.8 53.8

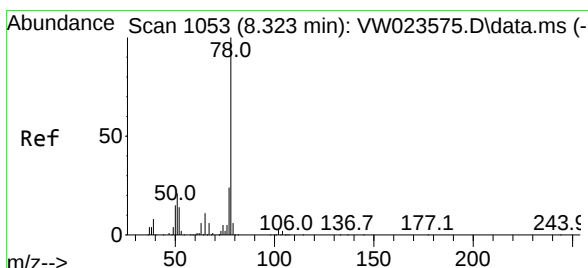
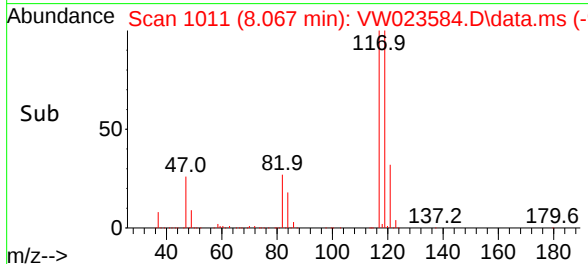
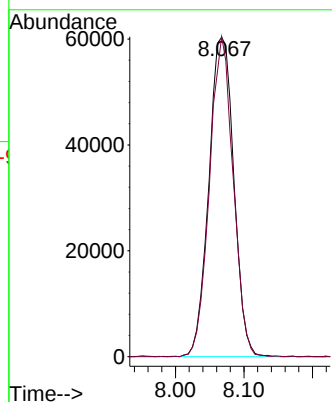
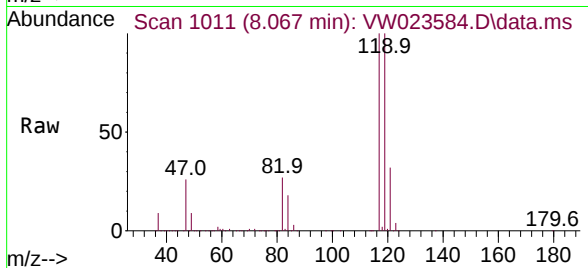




#31
Carbon tetrachloride
Concen: 23.091 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

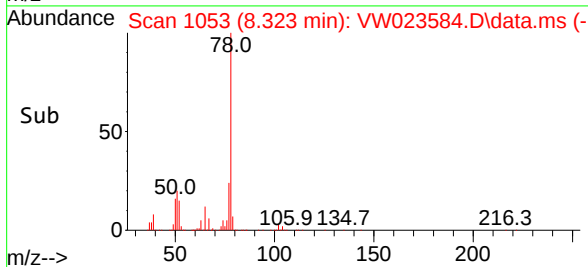
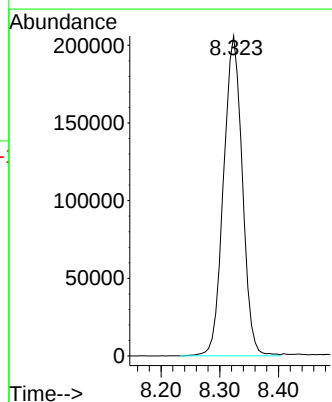
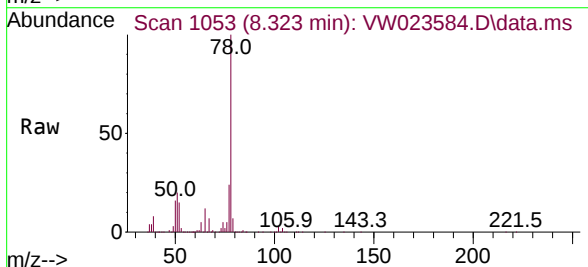
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

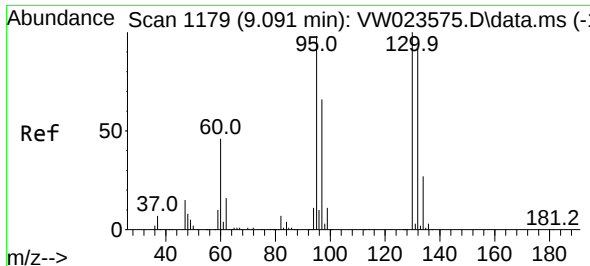
Tgt Ion:117 Resp: 152786
Ion Ratio Lower Upper
117 100
119 94.7 76.7 115.1



#33
Benzene
Concen: 24.269 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 78 Resp: 457783



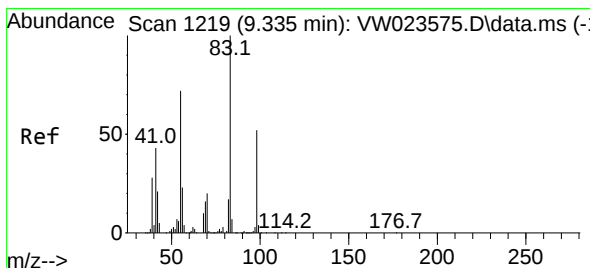
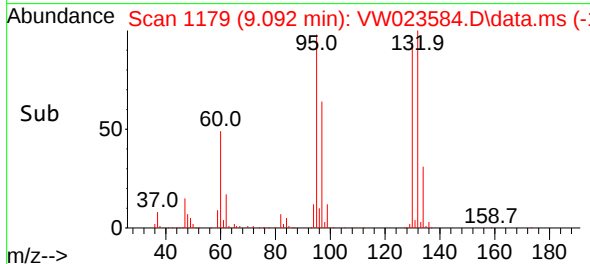
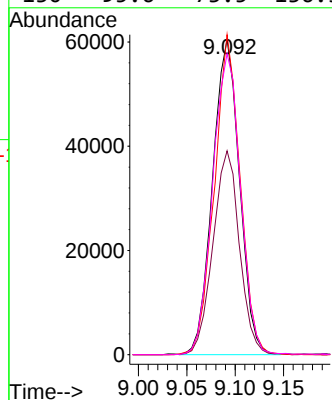
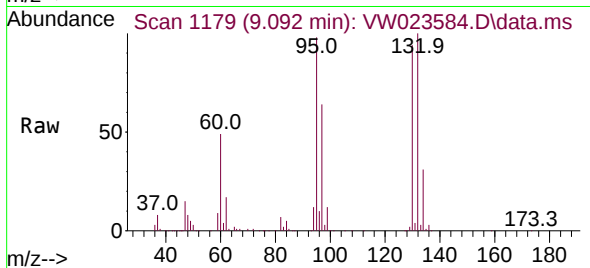


#34
Trichloroethene
Concen: 23.804 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

Tgt Ion: 95 Resp: 117027

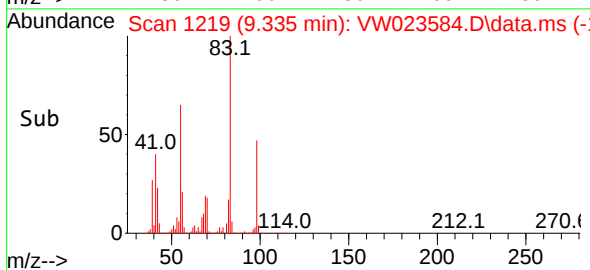
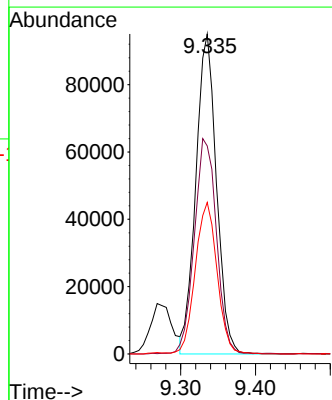
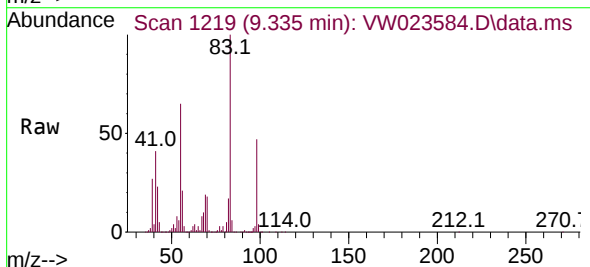
Ion	Ratio	Lower	Upper
95	100		
97	64.7	47.5	88.1
132	101.6	68.9	127.9
130	95.6	73.5	136.5

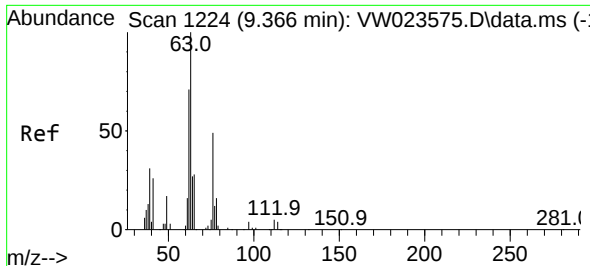


#35
Methylcyclohexane
Concen: 23.030 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 83 Resp: 182150

Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.0	85.6
98	50.1	40.2	60.4





#37

1,2-Dichloropropane

Concen: 24.850 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

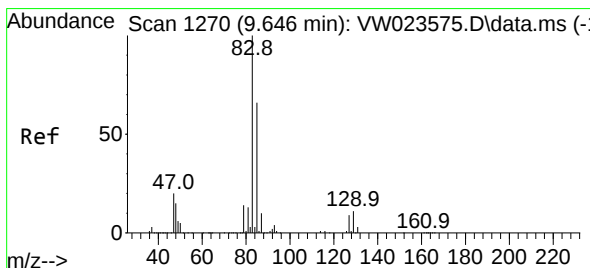
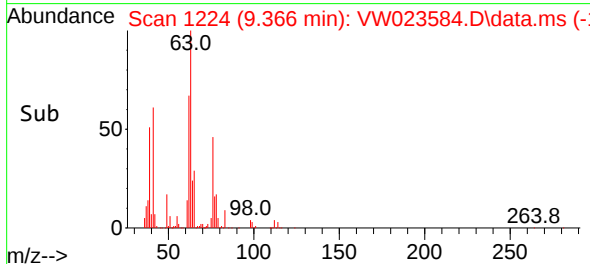
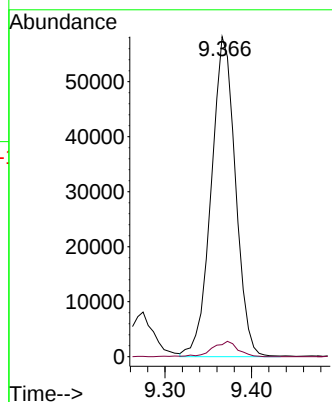
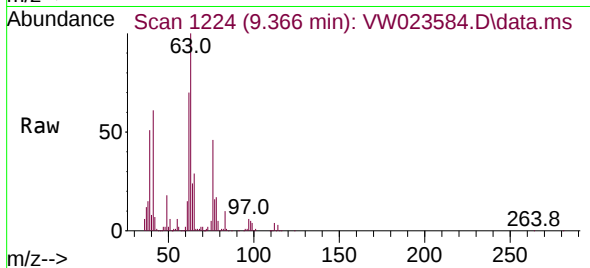
VSTD025591

Tgt Ion: 63 Resp: 113323

Ion Ratio Lower Upper

63 100

112 4.7 4.1 6.1



#38

Bromodichloromethane

Concen: 25.523 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

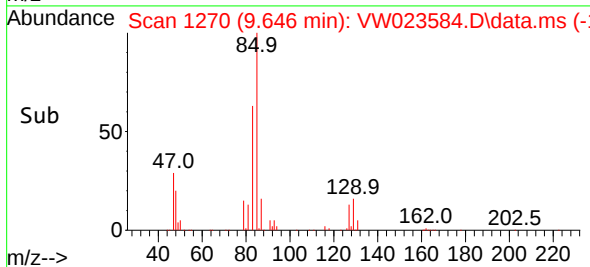
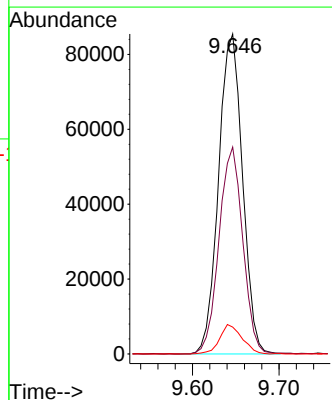
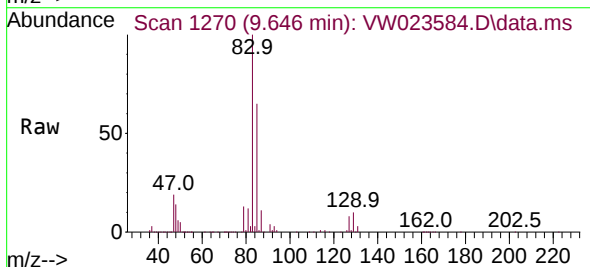
Tgt Ion: 83 Resp: 164334

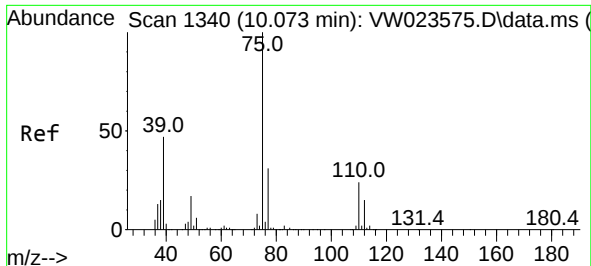
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 8.4 6.6 10.0

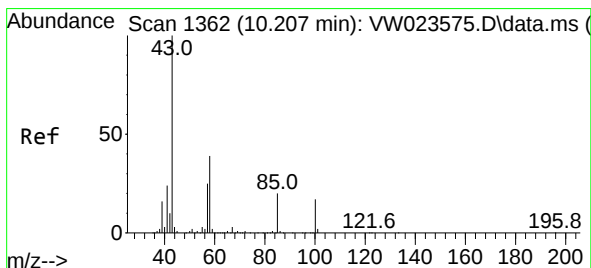
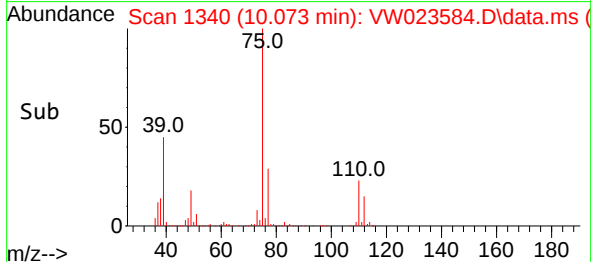
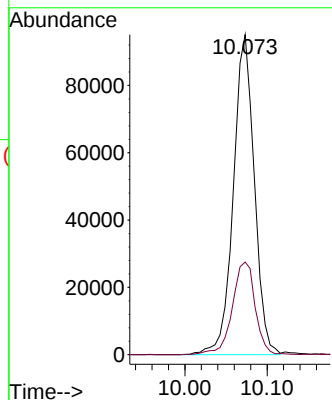
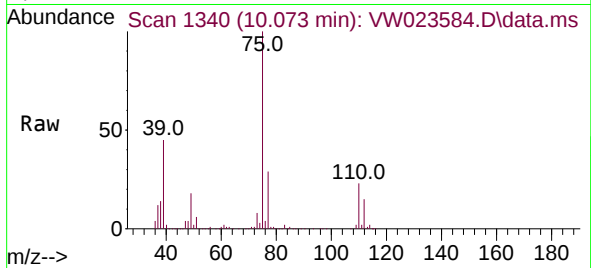




#39
 cis-1,3-Dichloropropene
 Concen: 24.235 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023584.D
 Acq: 07 Jul 2022 19:35

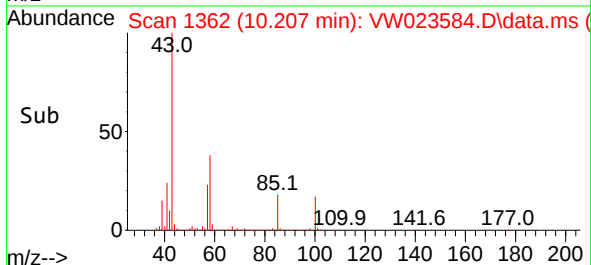
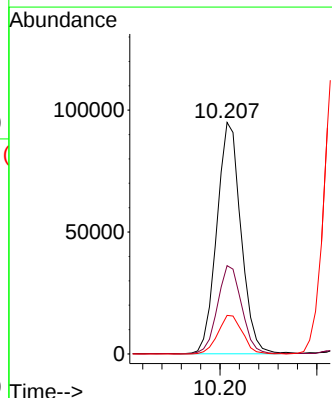
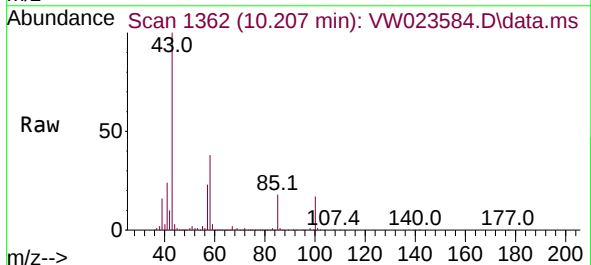
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

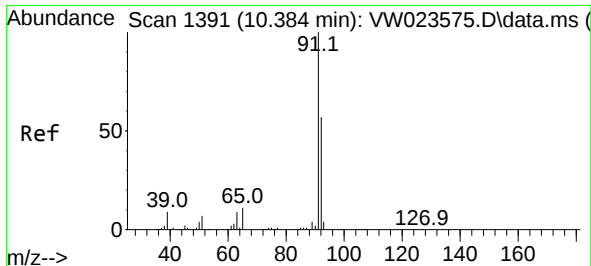
Tgt Ion: 75 Resp: 168584
 Ion Ratio Lower Upper
 75 100
 77 29.0 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 54.215 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW023584.D
 Acq: 07 Jul 2022 19:35

Tgt Ion: 43 Resp: 164597
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.8 47.8
 100 16.9 14.0 21.0

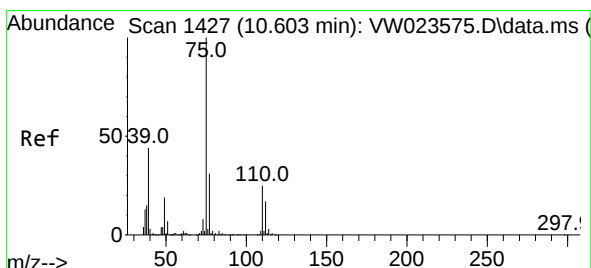
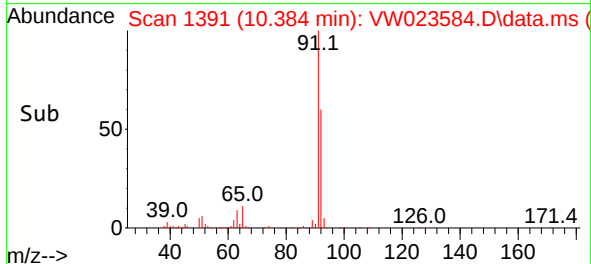
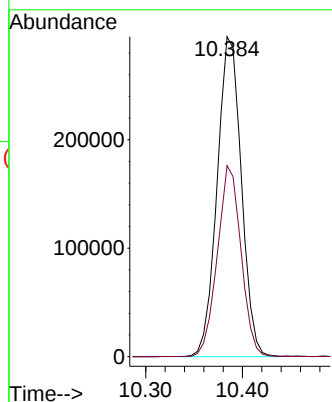
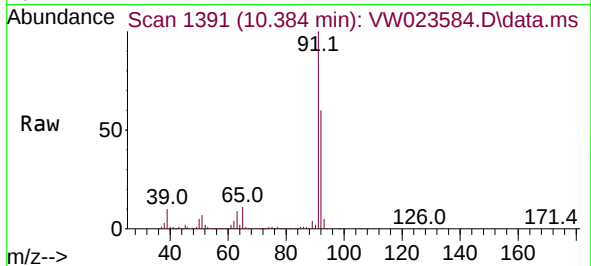




#42
Toluene
Concen: 24.919 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

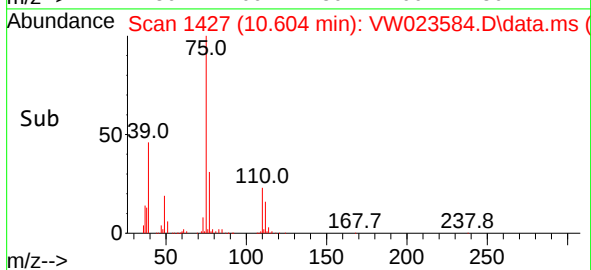
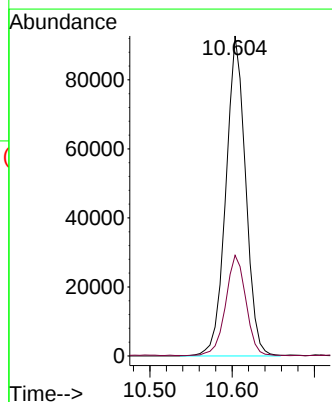
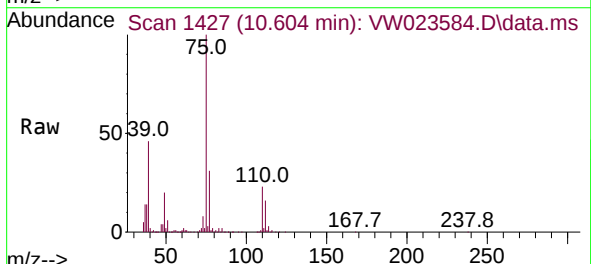
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

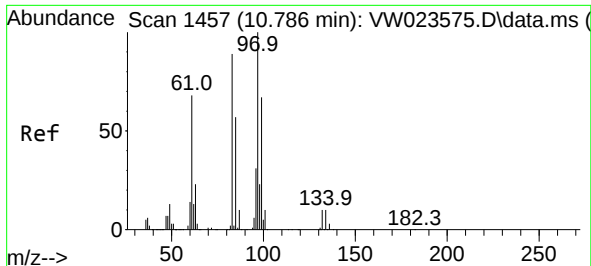
Tgt Ion: 91 Resp: 512864
Ion Ratio Lower Upper
91 100
92 59.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 24.111 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 75 Resp: 154642
Ion Ratio Lower Upper
75 100
77 31.4 22.9 42.5

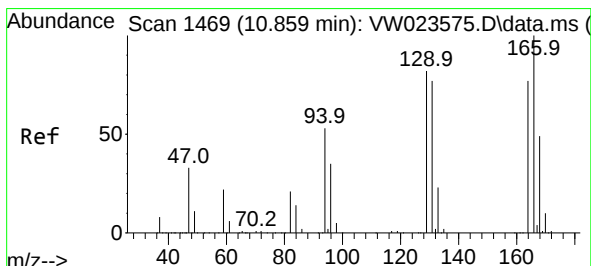
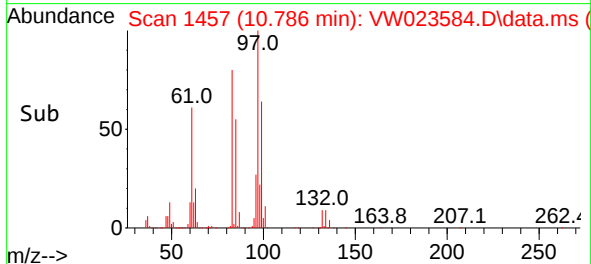
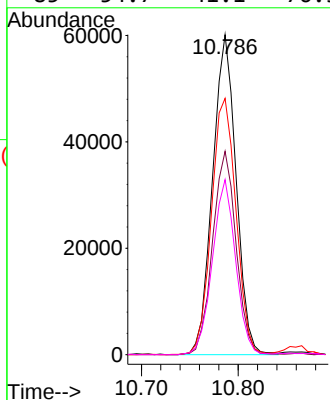
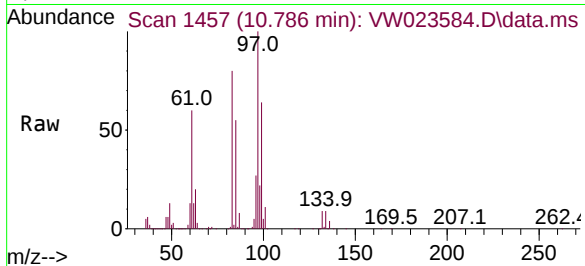




#45
1,1,2-Trichloroethane
Concen: 25.895 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

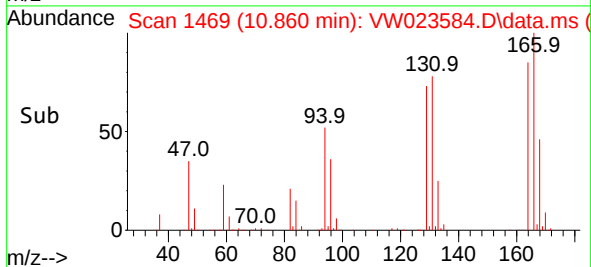
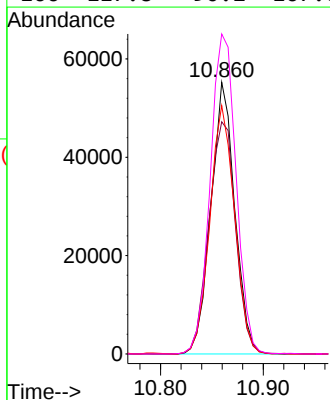
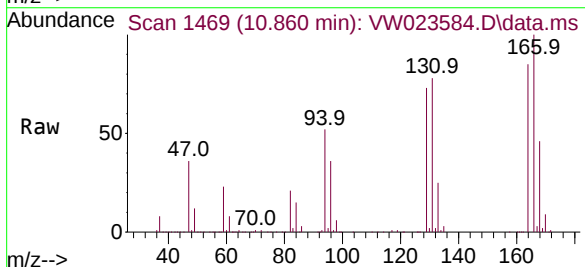
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

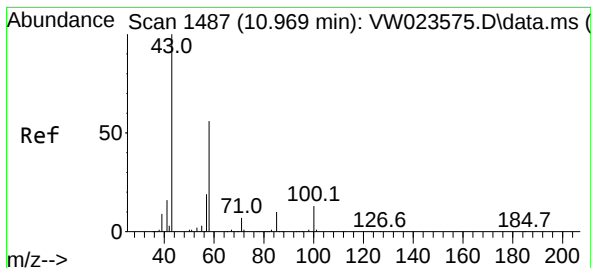
Tgt Ion:	97	Resp:	101648
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.9	81.5
83	80.1	59.8	111.0
85	54.7	41.1	76.3



#46
Tetrachloroethene
Concen: 23.069 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion:	164	Resp:	89149
Ion	Ratio	Lower	Upper
164	100		
129	85.5	71.3	132.3
131	91.4	67.0	124.4
166	117.8	90.2	167.6





#48

2-Hexanone

Concen: 54.224 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

Tgt Ion: 43 Resp: 116634

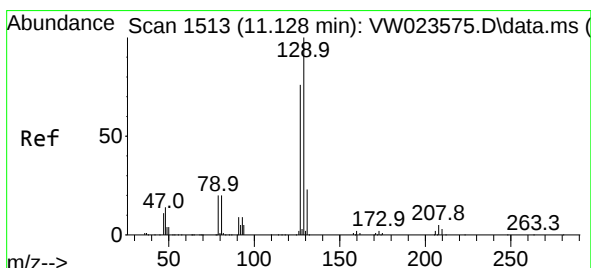
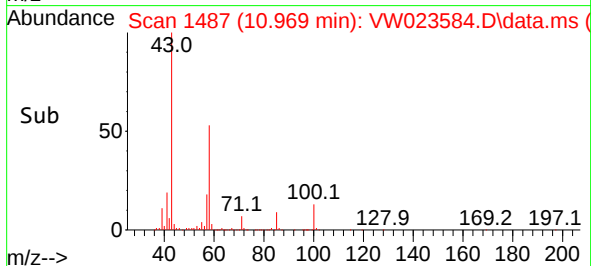
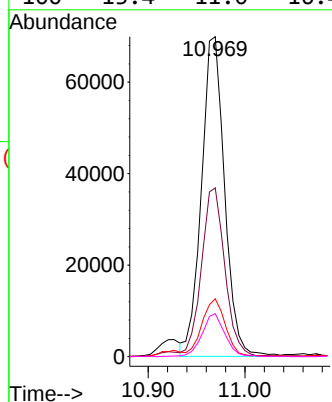
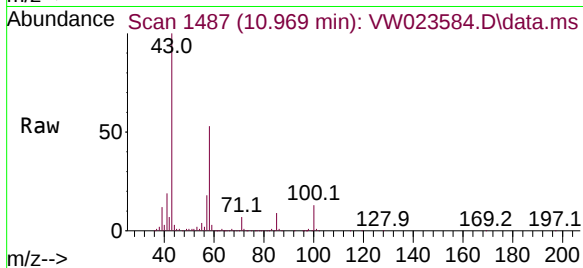
Ion Ratio Lower Upper

43 100

58 53.3 43.7 65.5

57 18.1 15.7 23.5

100 13.4 11.0 16.4



#49

Dibromochloromethane

Concen: 24.953 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023584.D

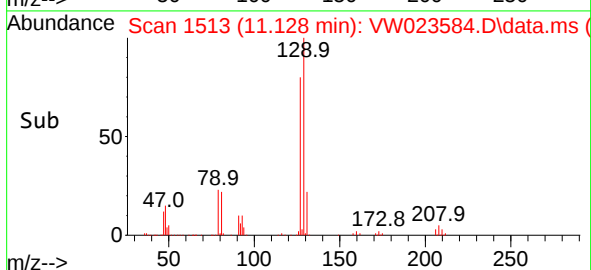
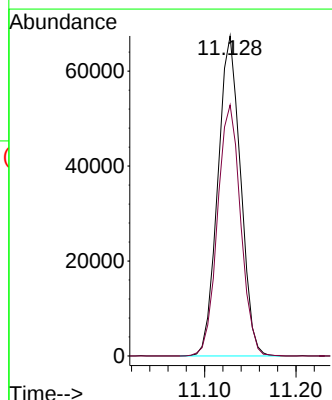
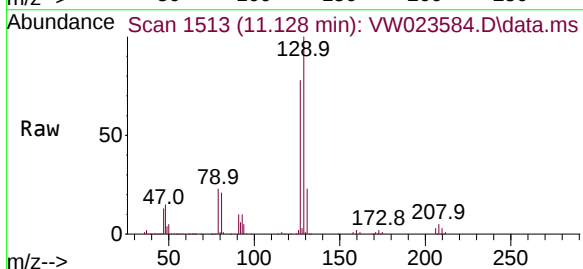
Acq: 07 Jul 2022 19:35

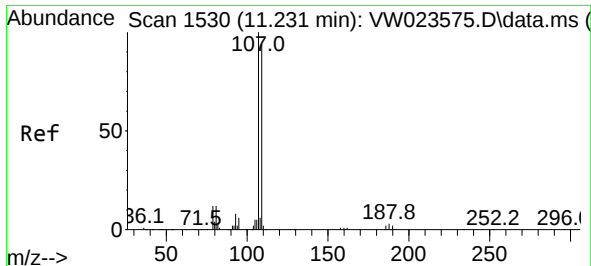
Tgt Ion: 129 Resp: 116602

Ion Ratio Lower Upper

129 100

127 78.5 52.7 97.9

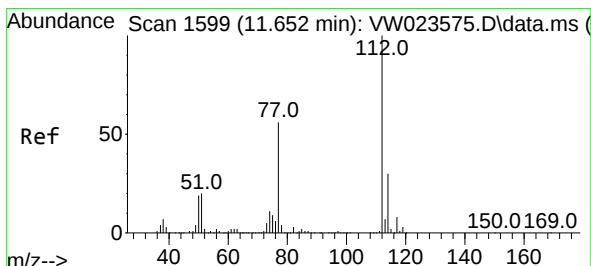
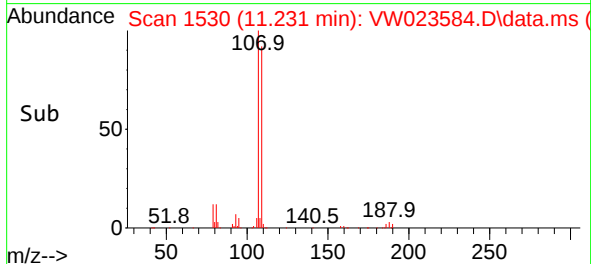
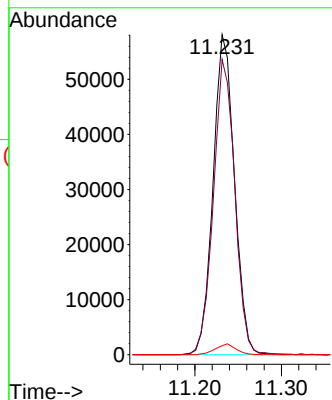
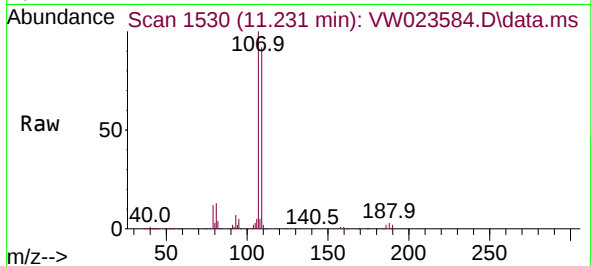




#50
1,2-Dibromoethane
Concen: 25.682 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

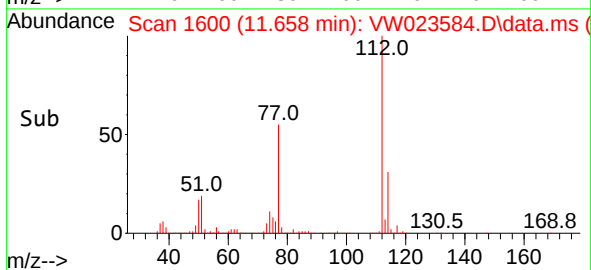
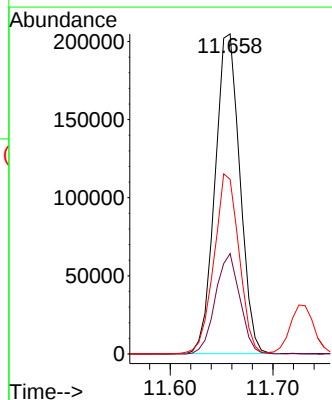
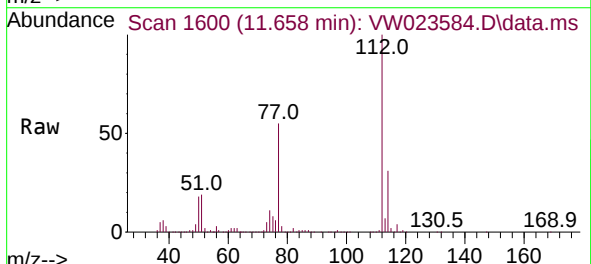
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

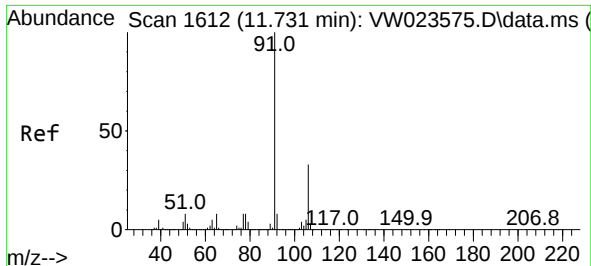
Tgt Ion:	107	Resp:	99522
Ion Ratio	Lower	Upper	
107	100		
109	92.2	67.2	124.8
188	2.8	2.7	4.1



#51
Chlorobenzene
Concen: 24.542 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion:	112	Resp:	343899
Ion Ratio	Lower	Upper	
112	100		
114	31.3	23.1	42.9
77	54.6	44.2	66.4

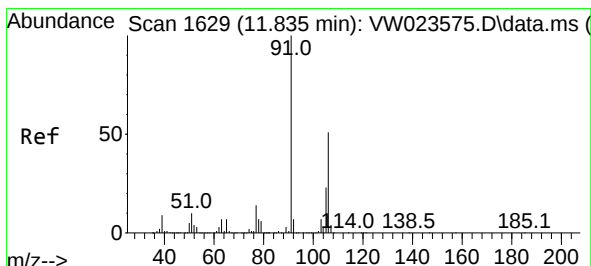
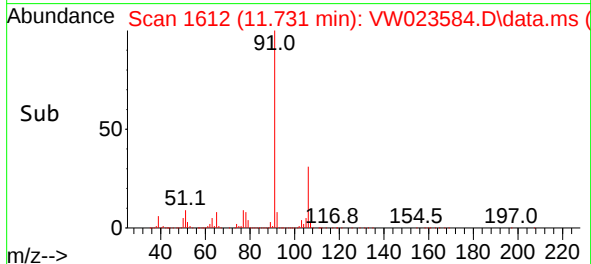
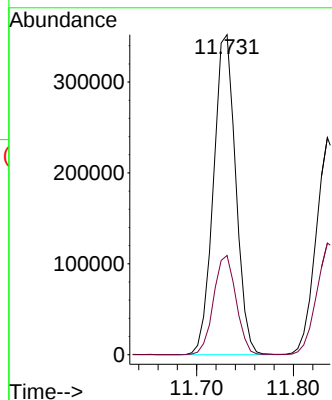
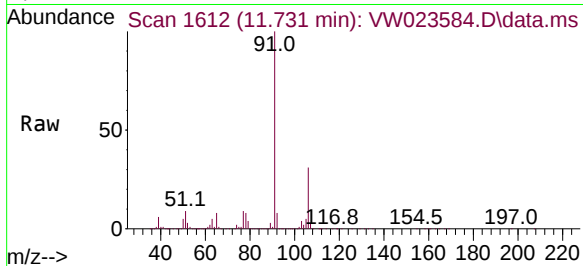




#52
Ethylbenzene
Concen: 24.211 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

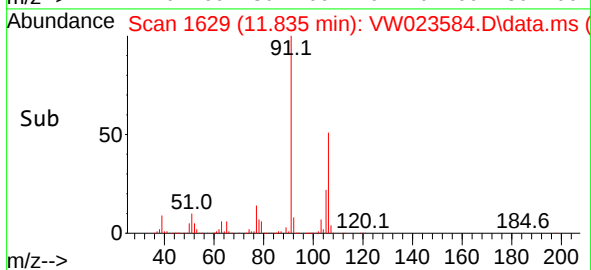
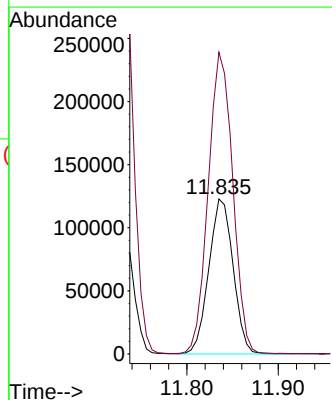
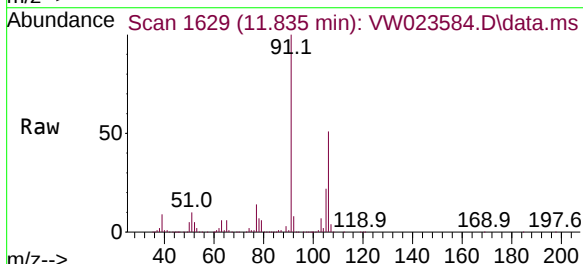
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

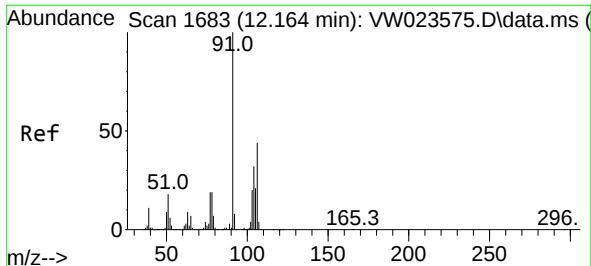
Tgt Ion: 91 Resp: 562591
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#53
m,p-Xylene
Concen: 25.175 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion:106 Resp: 226945
Ion Ratio Lower Upper
106 100
91 194.5 140.8 261.6

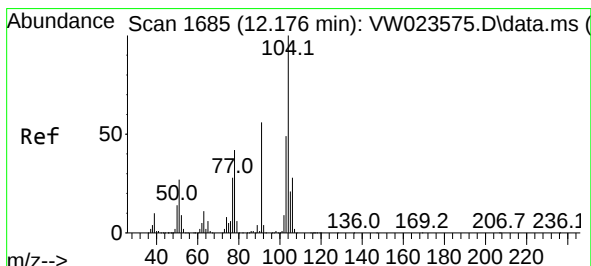
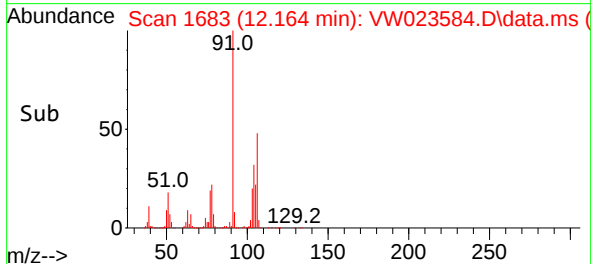
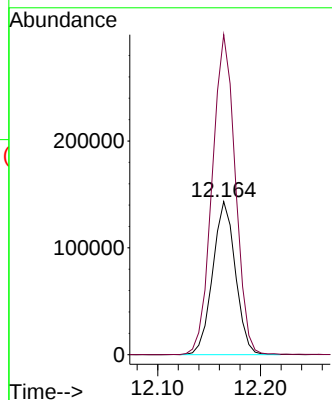
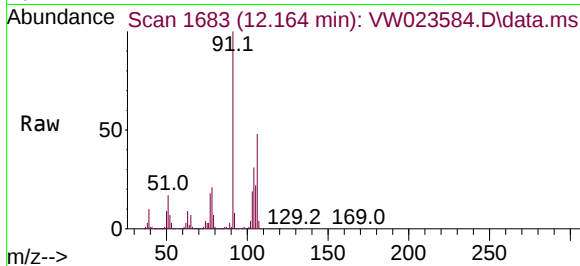




#54
o-Xylene
Concen: 25.442 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

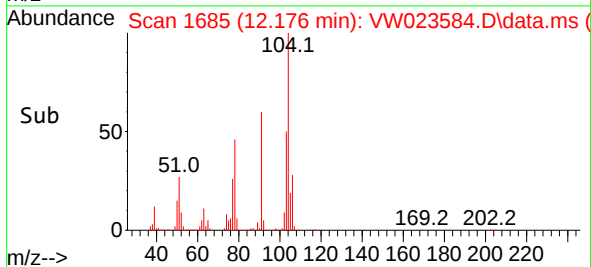
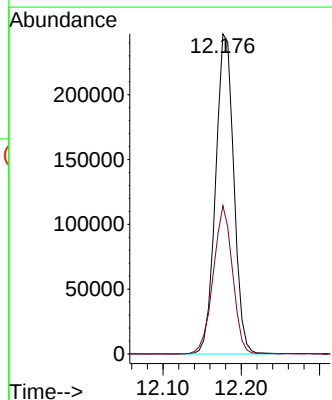
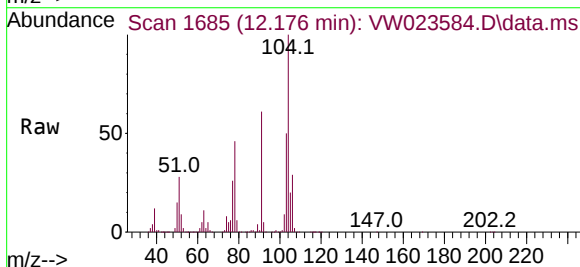
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

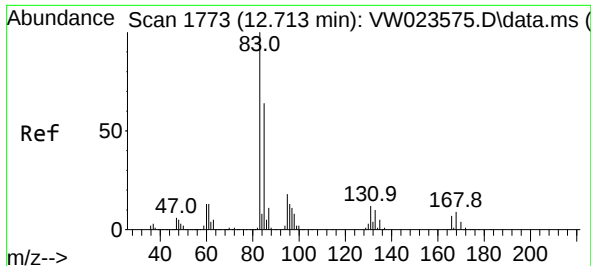
Tgt Ion:106 Resp: 219633
Ion Ratio Lower Upper
106 100
91 208.9 149.3 277.3



#55
Styrene
Concen: 26.604 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion:104 Resp: 399392
Ion Ratio Lower Upper
104 100
78 46.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.118 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

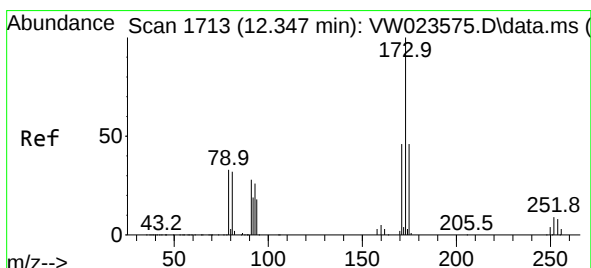
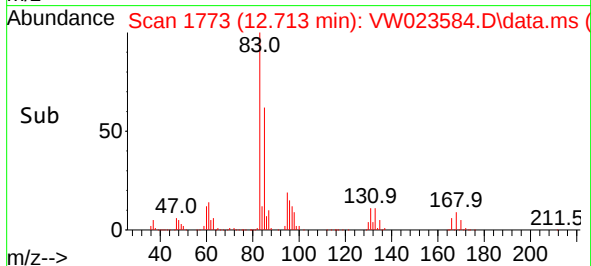
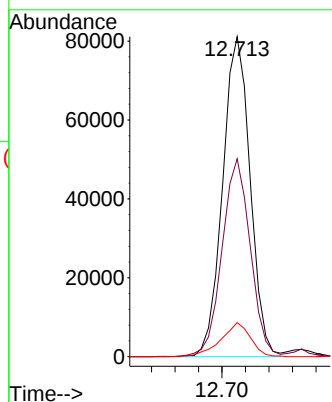
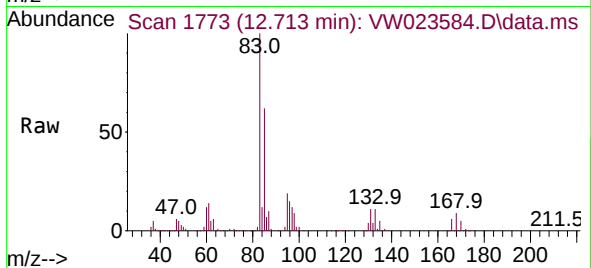
Tgt Ion: 83 Resp: 131917

Ion Ratio Lower Upper

83 100

85 61.8 44.0 81.6

131 10.7 8.5 12.7



#59

Bromoform

Concen: 24.341 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

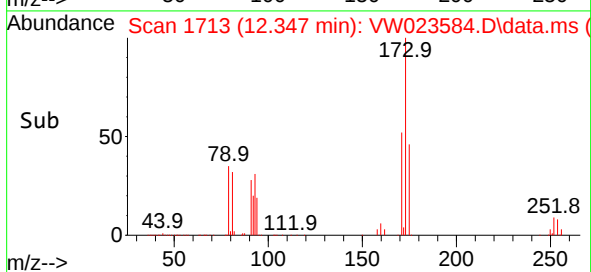
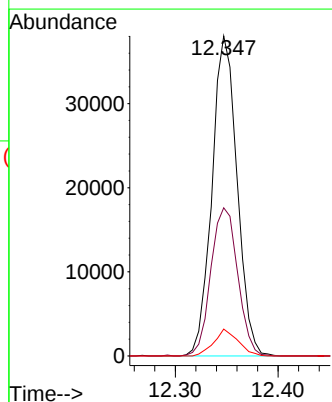
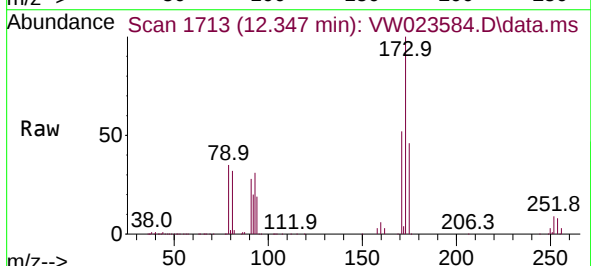
Tgt Ion: 173 Resp: 64620

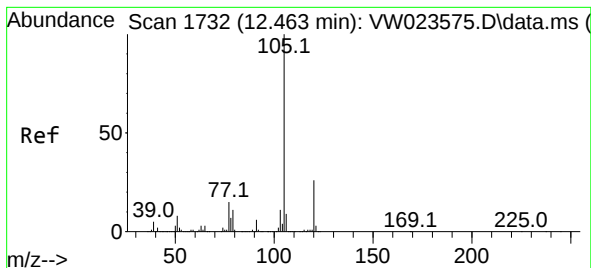
Ion Ratio Lower Upper

173 100

175 49.4 37.9 56.9

254 8.1 7.0 10.4





#60

Isopropylbenzene

Concen: 25.159 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

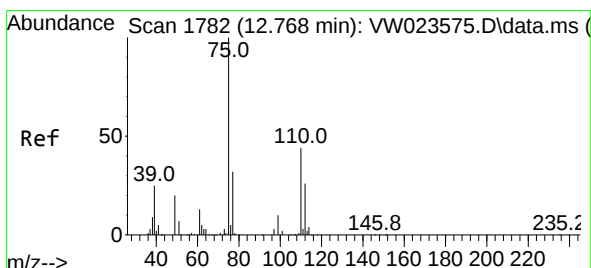
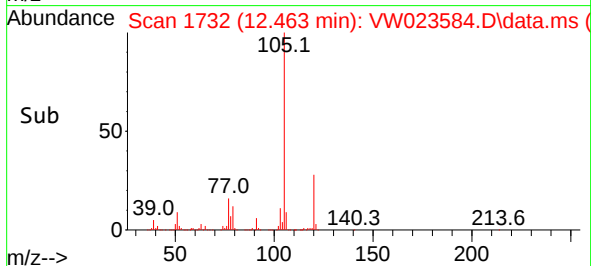
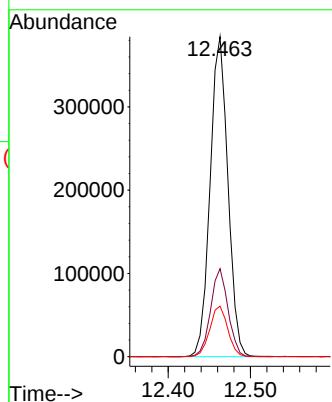
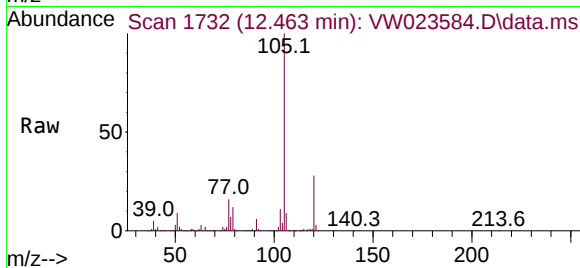
Tgt Ion:105 Resp: 577062

Ion Ratio Lower Upper

105 100

120 27.0 21.3 31.9

77 16.0 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 25.938 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

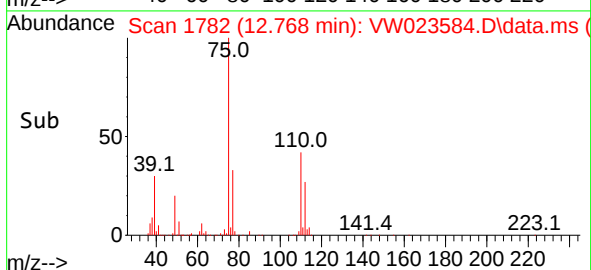
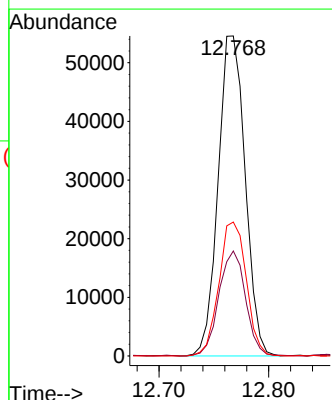
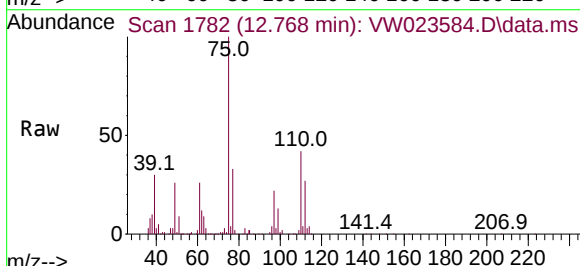
Tgt Ion: 75 Resp: 93582

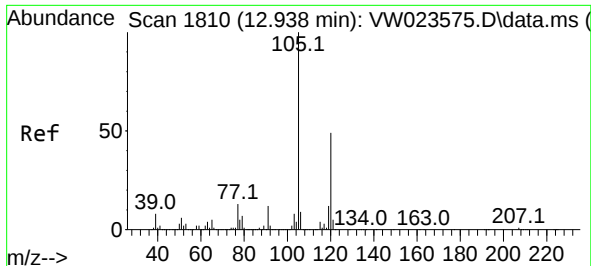
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

110 42.3 34.3 51.5

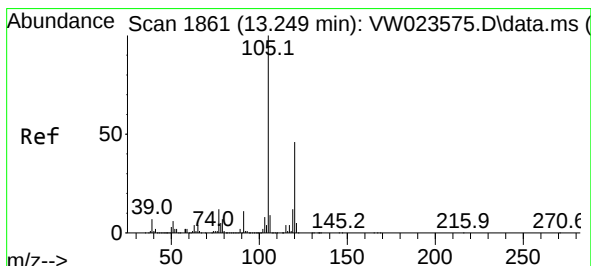
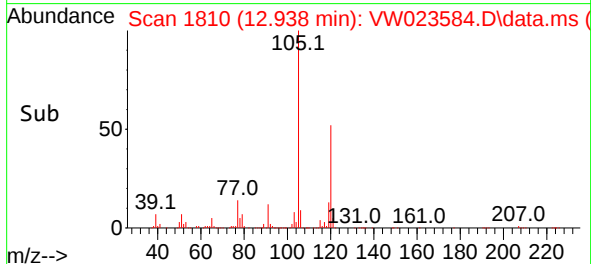
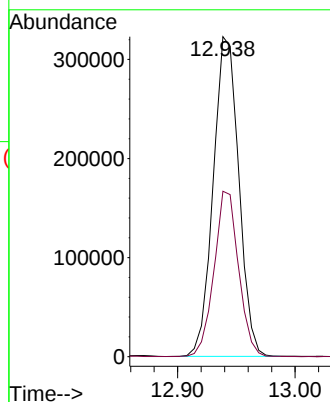
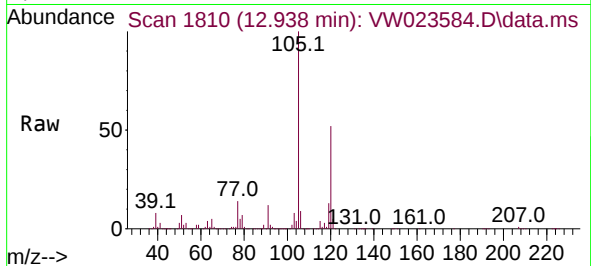




#62
 1,3,5-Trimethylbenzene
 Concen: 25.649 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023584.D
 Acq: 07 Jul 2022 19:35

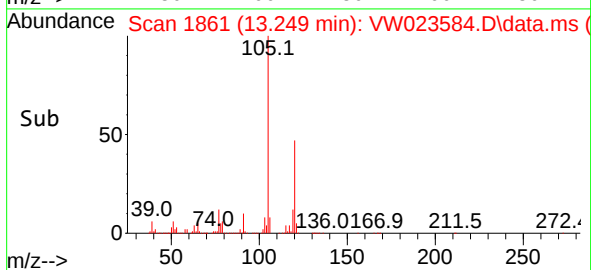
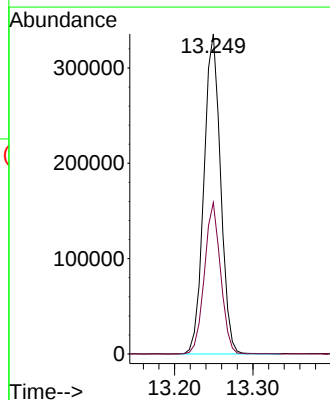
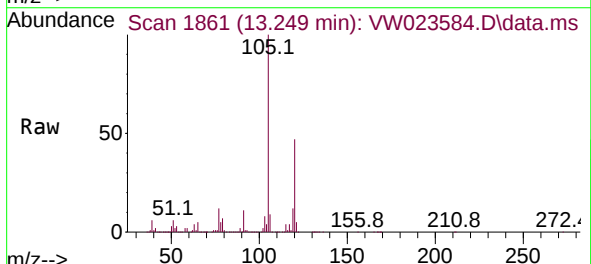
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

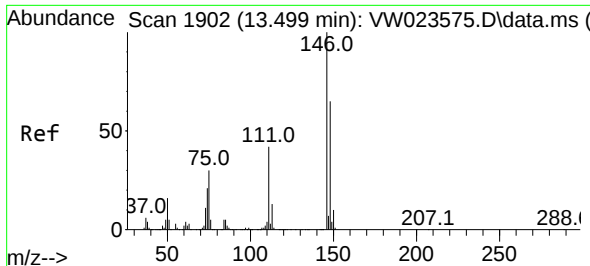
Tgt Ion:105 Resp: 487868
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 26.062 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023584.D
 Acq: 07 Jul 2022 19:35

Tgt Ion:105 Resp: 495884
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.9 55.3

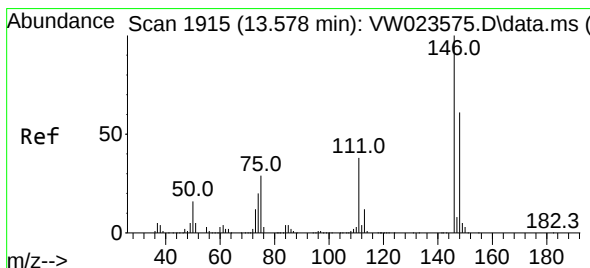
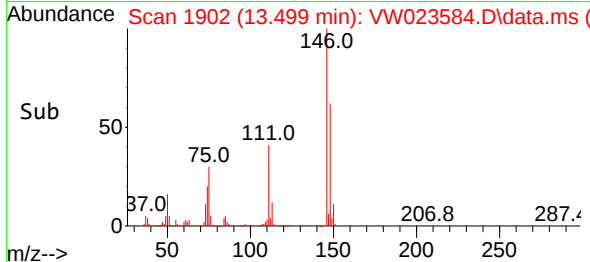
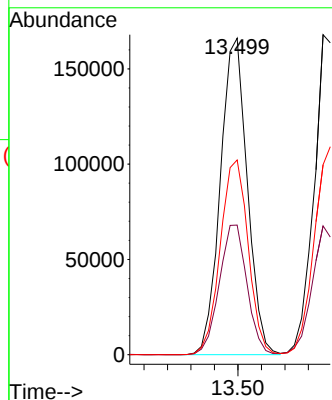
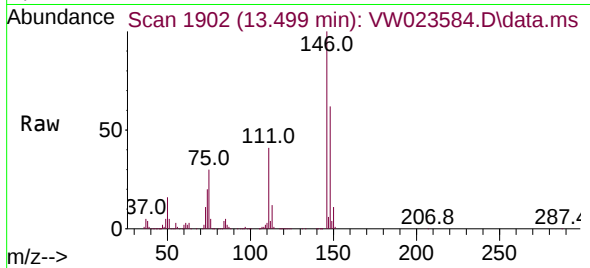




#64
1,3-Dichlorobenzene
Concen: 24.410 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

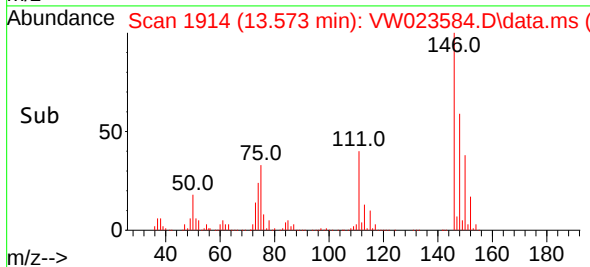
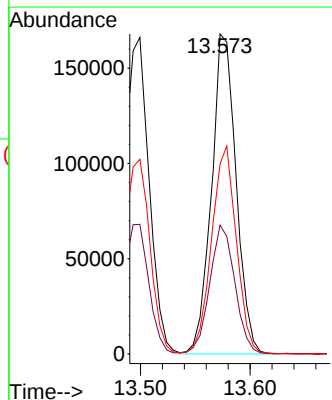
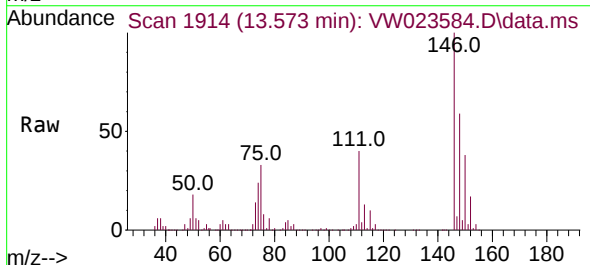
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

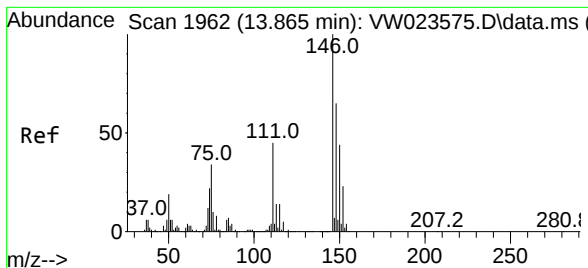
Tgt Ion:146 Resp: 264841
Ion Ratio Lower Upper
146 100
111 41.0 26.7 49.7
148 61.6 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 23.879 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion:146 Resp: 262768
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 59.3 44.4 82.4

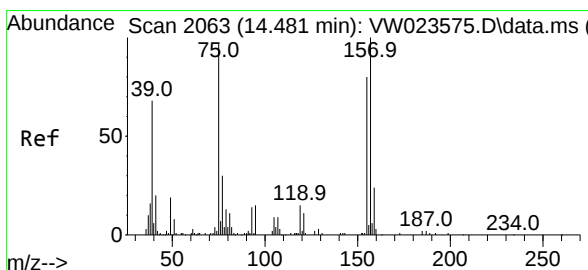
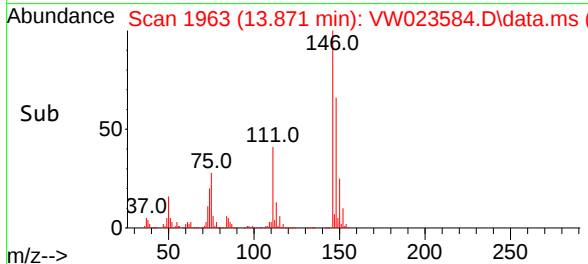
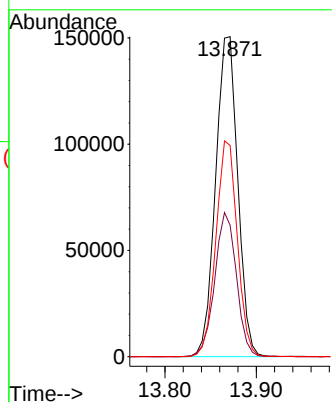
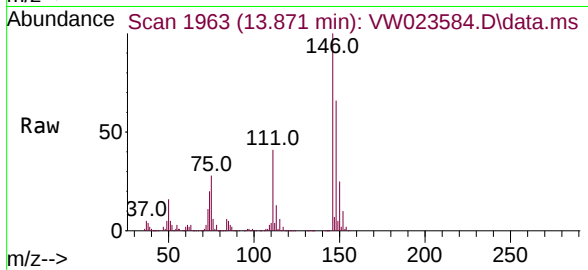




#67
1,2-Dichlorobenzene
Concen: 25.415 ug/L
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

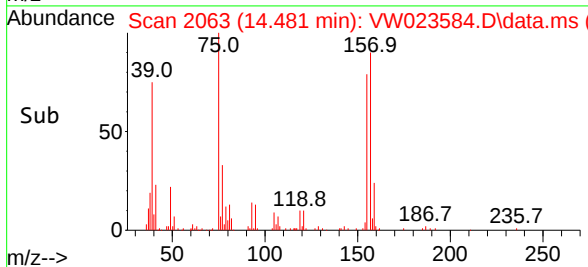
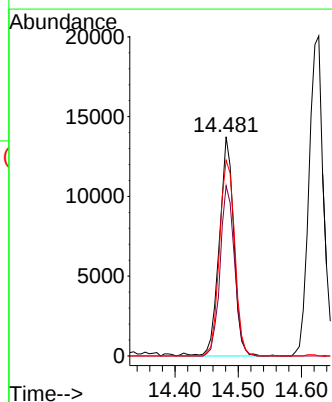
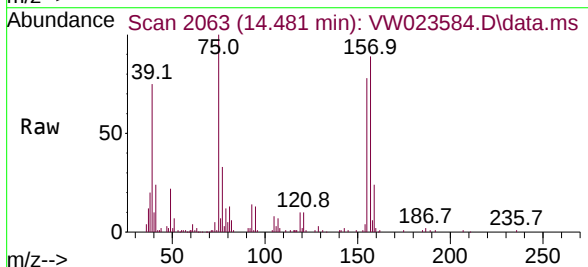
Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

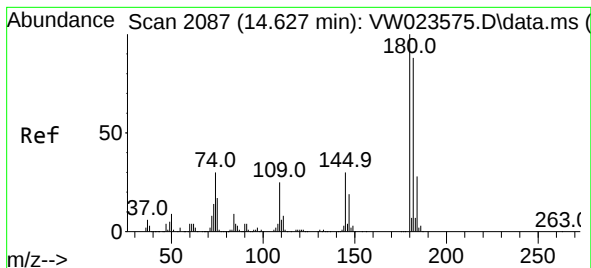
Tgt Ion:146 Resp: 254283
Ion Ratio Lower Upper
146 100
111 41.0 30.6 45.8
148 66.0 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 25.436 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023584.D
Acq: 07 Jul 2022 19:35

Tgt Ion: 75 Resp: 21626
Ion Ratio Lower Upper
75 100
155 77.6 63.8 95.6
157 89.3 85.0 127.4





#69

1,3,5-Trichlorobenzene

Concen: 22.519 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

Tgt Ion:180 Resp: 158527

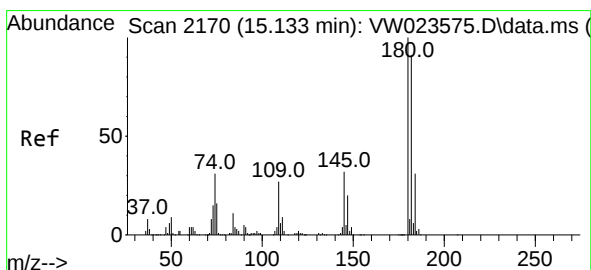
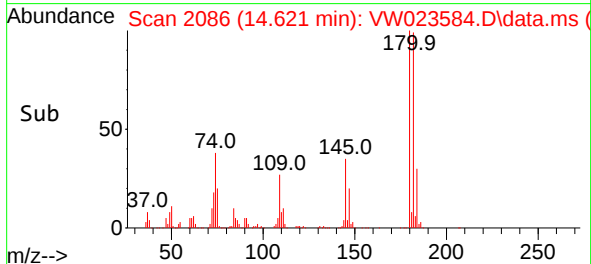
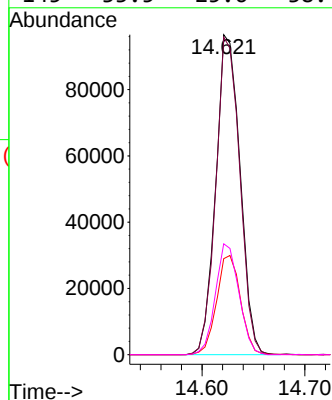
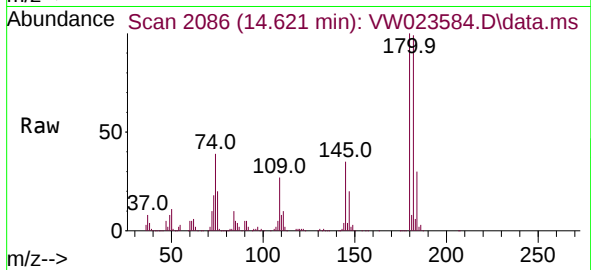
Ion Ratio Lower Upper

180 100

182 97.6 75.5 113.3

184 30.6 24.6 36.8

145 33.5 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 23.424 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

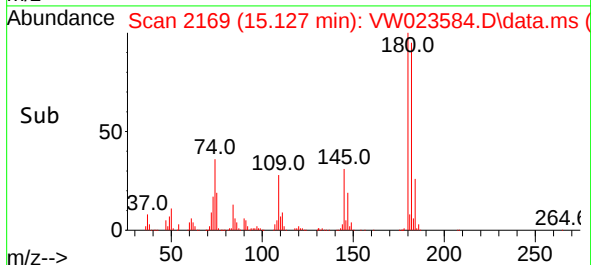
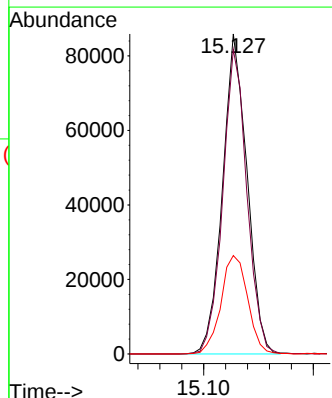
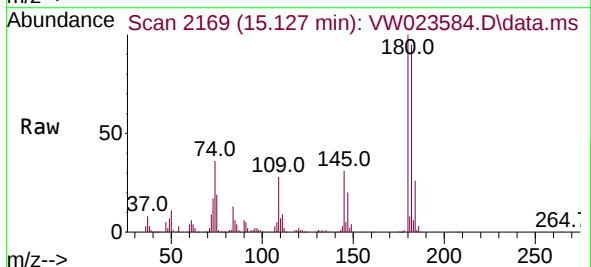
Tgt Ion:180 Resp: 133237

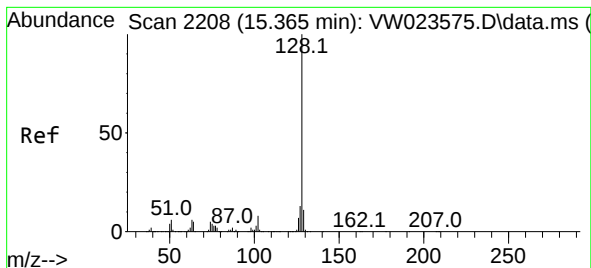
Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.4

145 33.6 26.1 39.1





#71

Naphthalene

Concen: 25.525 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025591

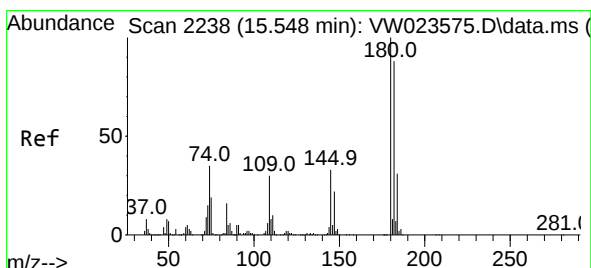
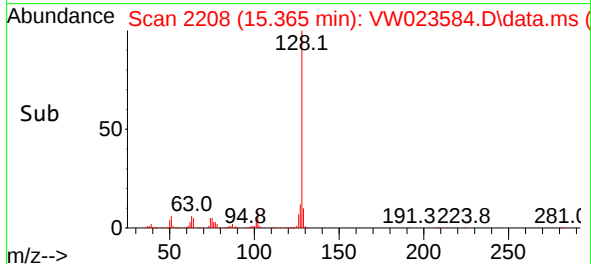
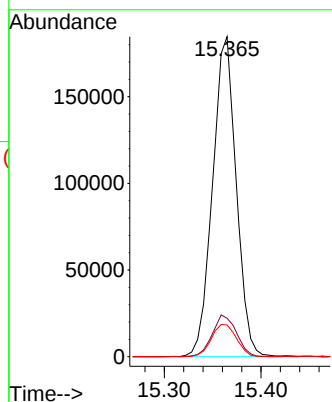
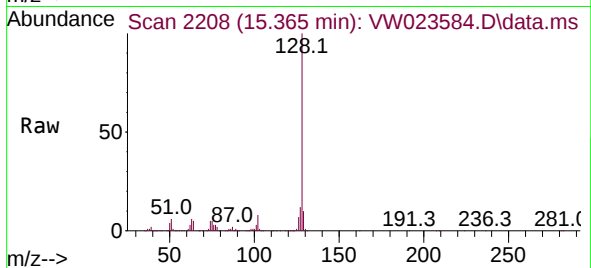
Tgt Ion:128 Resp: 313404

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.868 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW023584.D

Acq: 07 Jul 2022 19:35

Tgt Ion:180 Resp: 125848

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 35.2 28.2 42.2

