

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020773.D
 Acq On : 05 Nov 2021 11:20
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:47:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	165478	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	153140	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	84560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34557	22.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.840%
7) Chloroethane-d5	2.879	69	21384	24.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	4.025	63	76613	23.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.074	46	25805	49.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.880%
24) Chloroform-d	7.653	84	88880	24.173	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	8.305	65	47090	24.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.275	84	161696	23.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.480%
36) 1,2-Dichloropropane-d6	9.274	67	51018	23.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	10.323	98	156689	23.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	10.579	79	25386	23.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.560%
47) 2-Hexanone-d5	10.921	63	20875	48.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	44540	25.088	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	65398	24.610	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	20805	30.833	ug/L	100
3) Chloromethane	2.215	50	46316	26.233	ug/L	99
5) Vinyl chloride	2.361	62	64861	25.469	ug/L	99
6) Bromomethane	2.776	94	32759	24.856	ug/L	100
8) Chloroethane	2.922	64	24494	26.157	ug/L	100
9) Trichlorofluoromethane	3.251	101	32286	23.903	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	54802	24.669	ug/L	91
12) 1,1-Dichloroethene	4.044	96	52823	24.951	ug/L	74
13) Acetone	4.123	43	21192	44.634	ug/L	93
14) Carbon disulfide	4.385	76	157766	24.688	ug/L	98
15) Methyl Acetate	4.672	43	22679	25.176	ug/L	96
16) Methylene chloride	4.915	84	53938	22.012	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	56610	25.155	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	78515	24.656	ug/L	97
19) 1,1-Dichloroethane	6.220	63	99159	25.441	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	60386	25.455	ug/L	78
22) 2-Butanone	7.171	43	32708	51.309	ug/L	94
23) Bromochloromethane	7.513	128	27975	25.555	ug/L #	78
25) Chloroform	7.677	83	101419	24.995	ug/L	100

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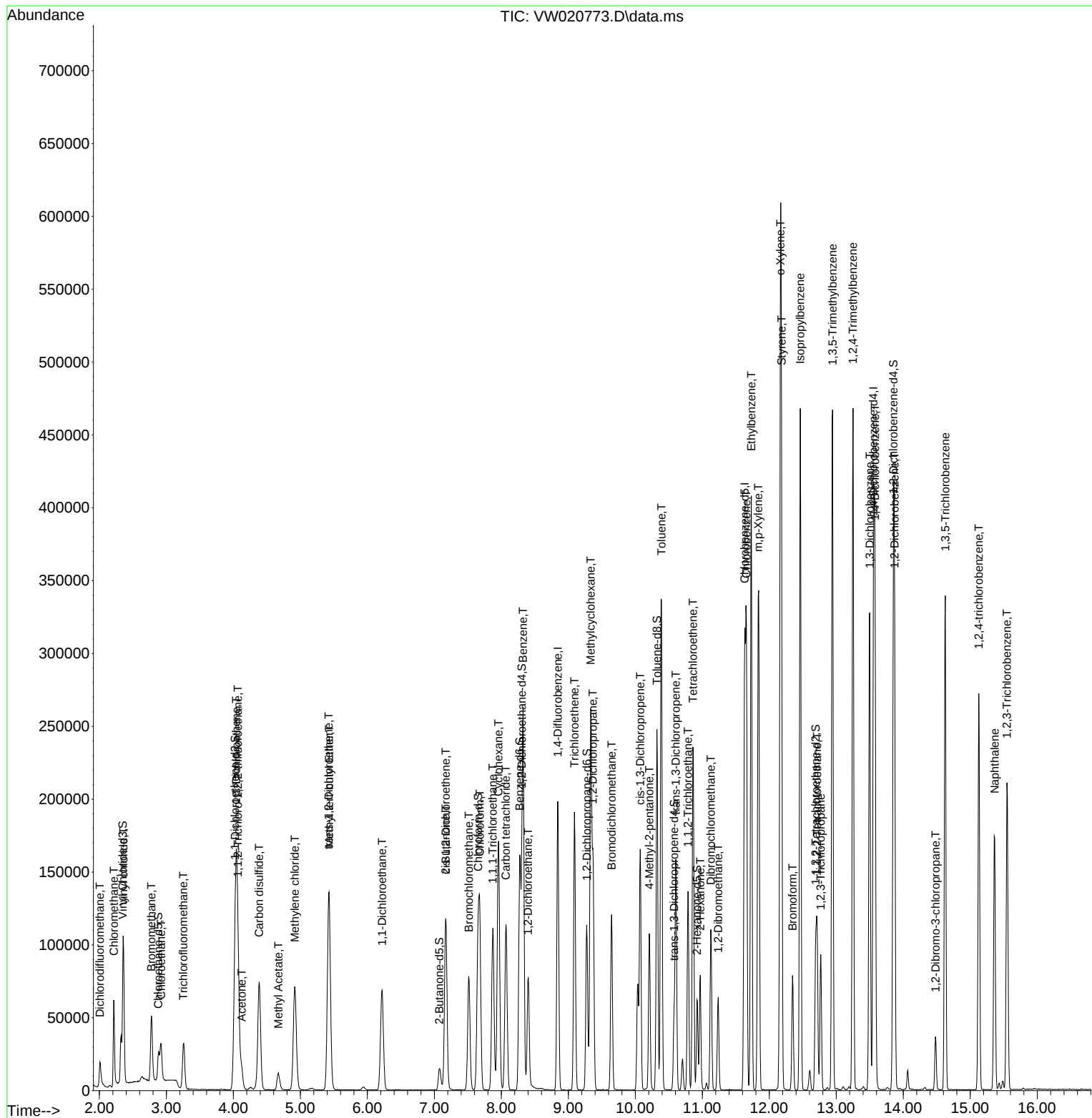
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	67835	25.825	ug/L	99
29) Cyclohexane	7.958	56	96843	24.238	ug/L	91
30) 1,1,1-Trichloroethane	7.872	97	88469	24.310	ug/L	95
31) Carbon tetrachloride	8.067	117	85623	24.724	ug/L	98
33) Benzene	8.323	78	226623	24.709	ug/L	100
34) Trichloroethene	9.092	95	60628	24.834	ug/L	91
35) Methylcyclohexane	9.335	83	104911	24.625	ug/L	91
37) 1,2-Dichloropropane	9.366	63	55264	25.450	ug/L	98
38) Bromodichloromethane	9.646	83	77558	25.515	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	89641	25.366	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	70530	49.698	ug/L #	97
42) Toluene	10.390	91	246410	24.985	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	79474	24.862	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	41178	25.553	ug/L	93
46) Tetrachloroethene	10.860	164	54470	24.876	ug/L	95
48) 2-Hexanone	10.969	43	50775	48.998	ug/L #	96
49) Dibromochloromethane	11.128	129	54705	24.858	ug/L	98
50) 1,2-Dibromoethane	11.238	107	40979	25.079	ug/L #	96
51) Chlorobenzene	11.658	112	163081	25.636	ug/L	94
52) Ethylbenzene	11.731	91	282491	25.565	ug/L	98
53) m,p-Xylene	11.835	106	113403	25.614	ug/L	86
54) o-Xylene	12.164	106	107065	25.529	ug/L	90
55) Styrene	12.182	104	183673	25.761	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	47558	25.180	ug/L #	99
59) Bromoform	12.347	173	35156	24.580	ug/L	100
60) Isopropylbenzene	12.463	105	293456	25.179	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	34997	25.044	ug/L	94
62) 1,3,5-Trimethylbenzene	12.945	105	251128	25.075	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	247091	24.836	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	139650	25.843	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	135265	25.128	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	121230	25.397	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8588	25.141	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	108654	25.332	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	86507	24.193	ug/L	96
71) Naphthalene	15.365	128	154081	25.493	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	75481	24.841	ug/L	97

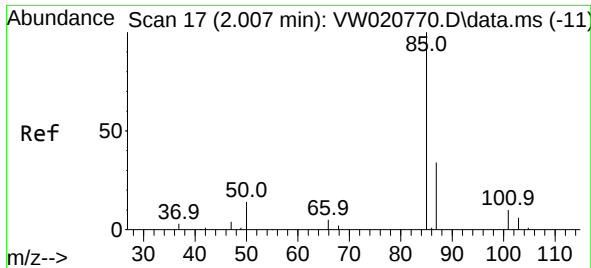
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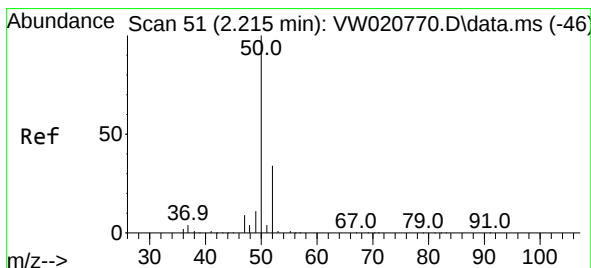
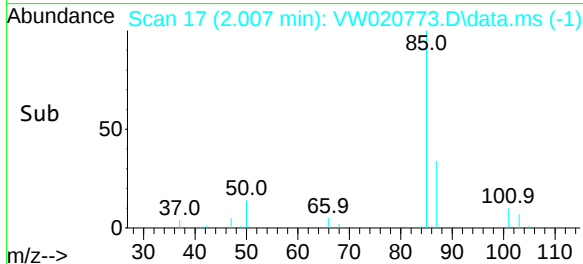
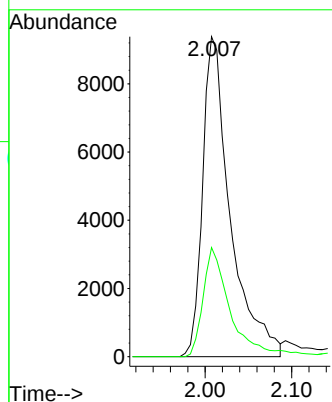
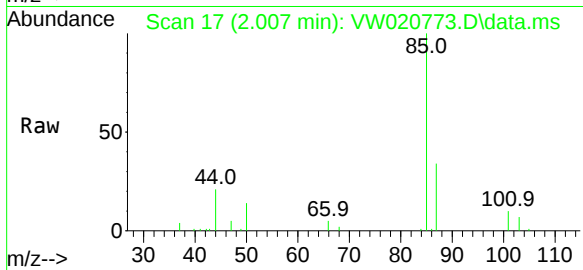




#2
 Dichlorodifluoromethane
 Concen: 30.833 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020773.D
 Acq: 05 Nov 2021 11:20

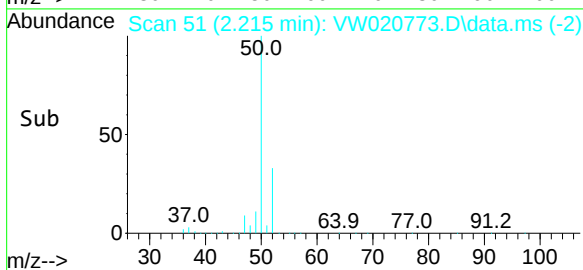
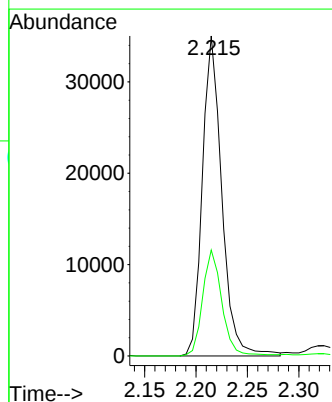
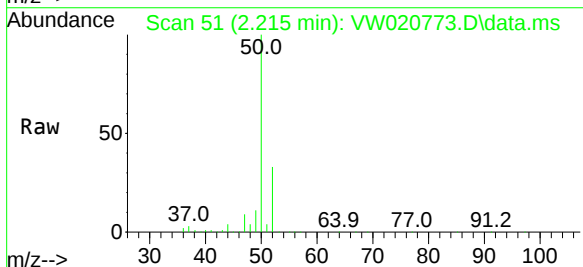
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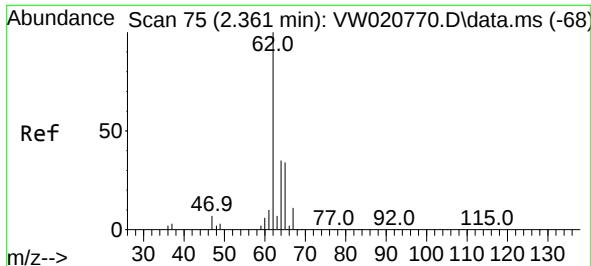
Tgt Ion: 85 Resp: 20805
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 26.233 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020773.D
 Acq: 05 Nov 2021 11:20

Tgt Ion: 50 Resp: 46316
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6



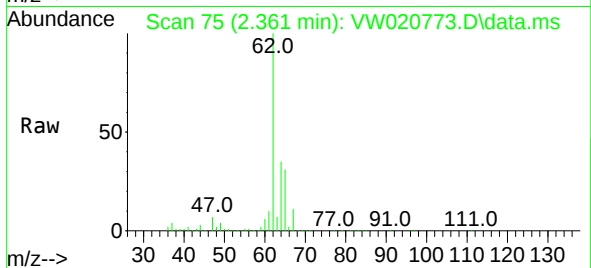


#5
 Vinyl chloride
 Concen: 25.469 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020773.D
 Acq: 05 Nov 2021 11:20

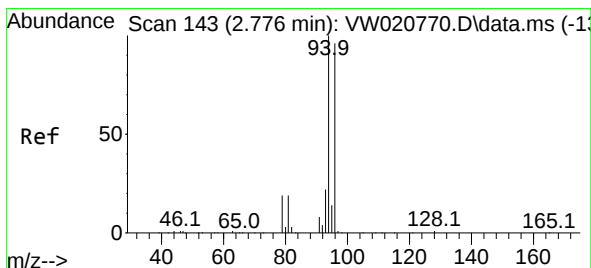
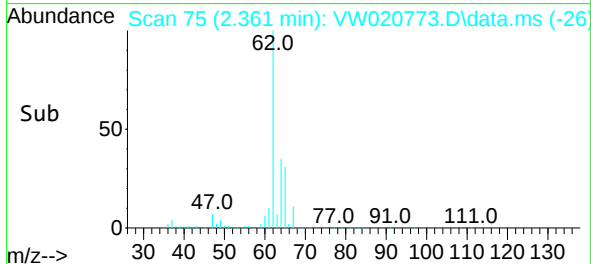
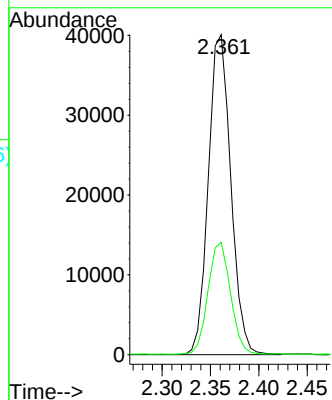
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MSVOA_W

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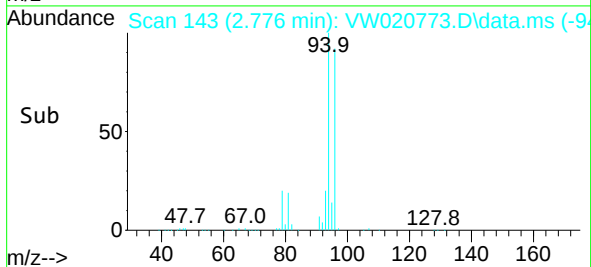
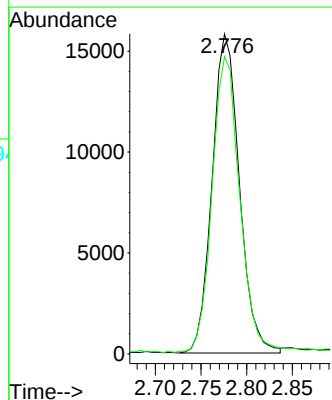
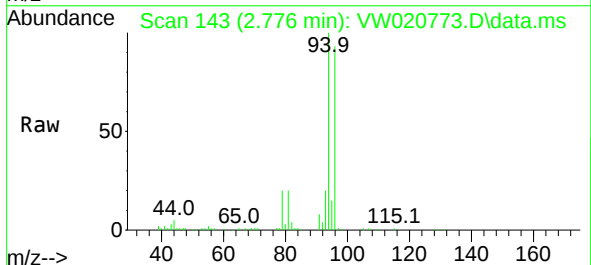


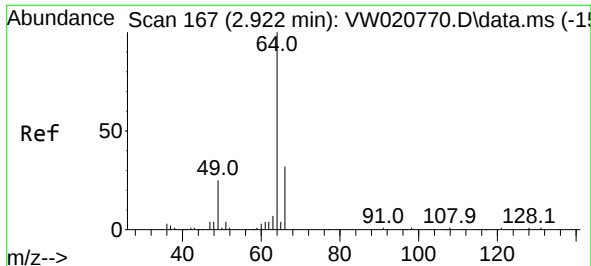
Tgt Ion: 62 Resp: 64861
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.4 45.2



#6
 Bromomethane
 Concen: 24.856 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW020773.D
 Acq: 05 Nov 2021 11:20

Tgt Ion: 94 Resp: 32759
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.8 120.4

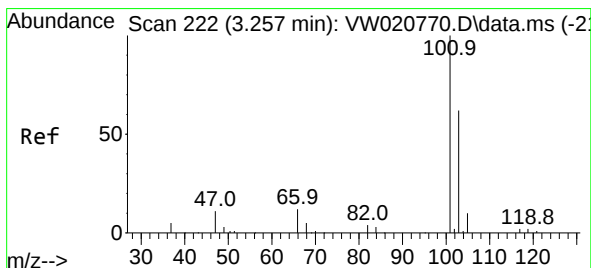
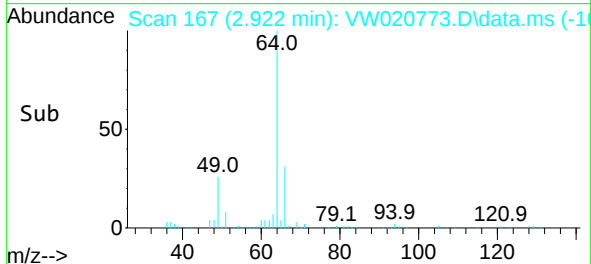
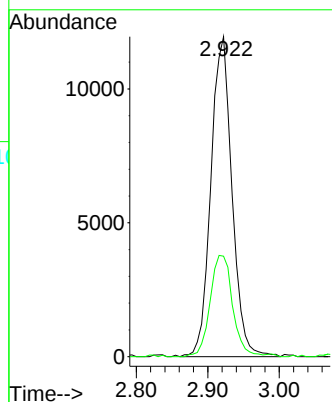
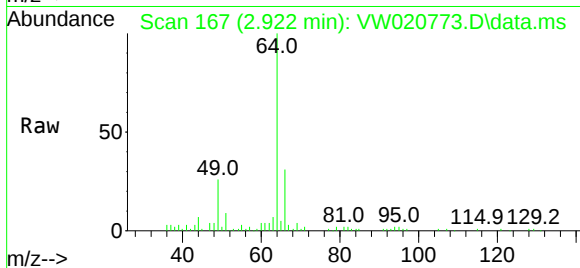




#8
Chloroethane
Concen: 26.157 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

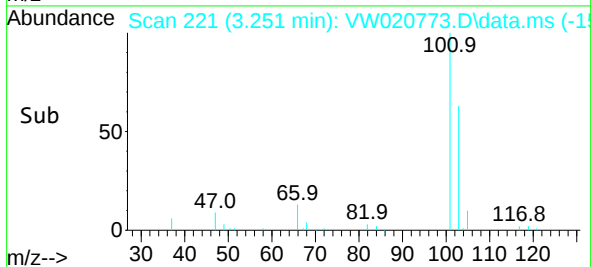
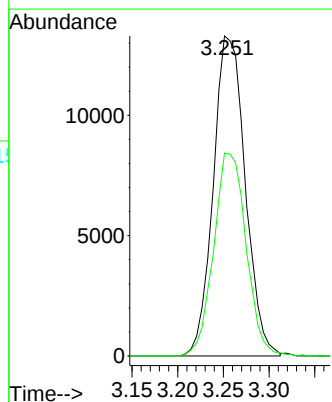
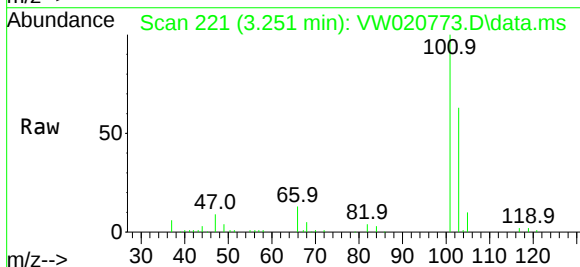
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MSVOA_W
ClientSampleId :

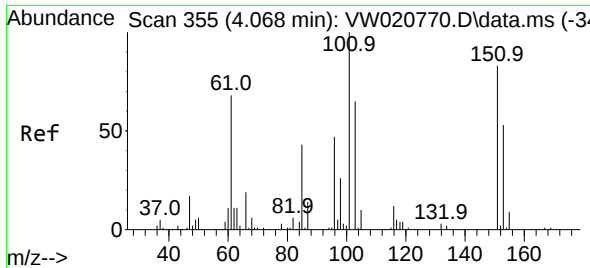
Tgt Ion: 64 Resp: 24494
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.903 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion: 101 Resp: 32286
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

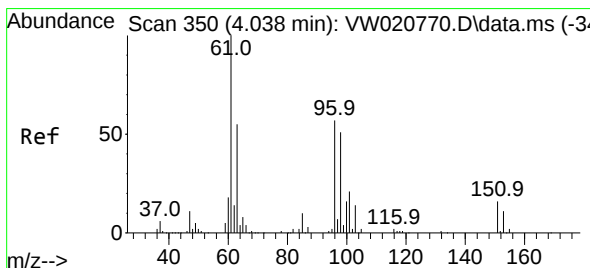
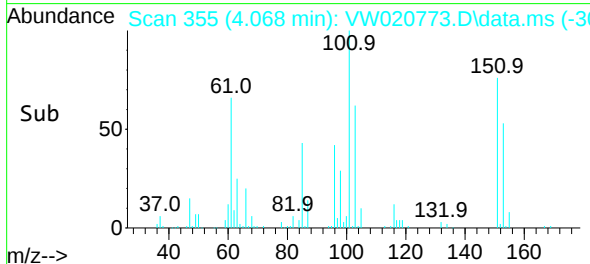
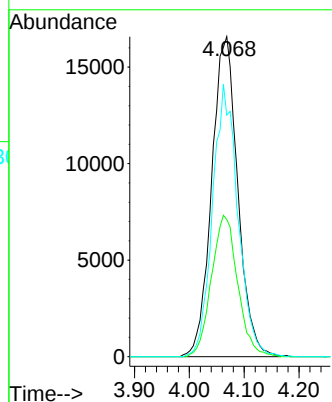
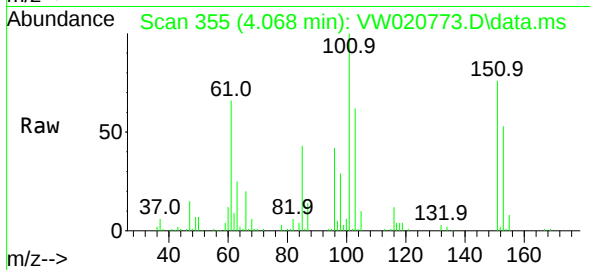




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.669 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW020773.D
 Acq: 05 Nov 2021 11:20

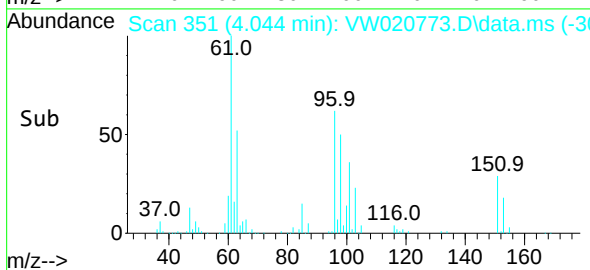
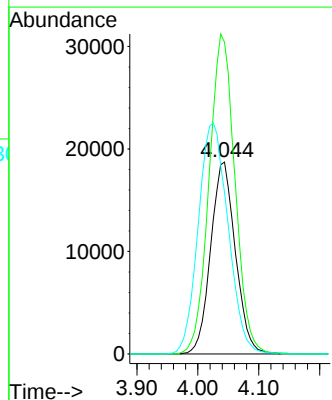
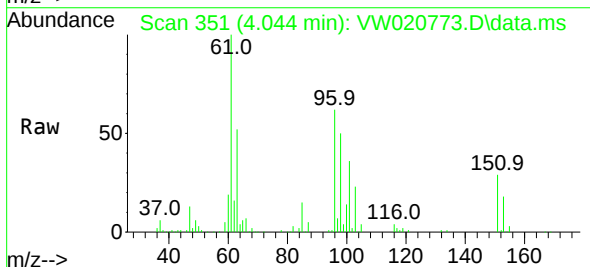
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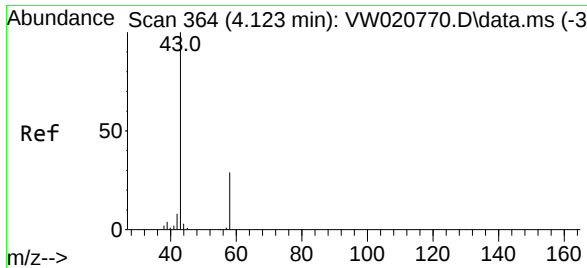
Tgt Ion:101 Resp: 54802
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.6 54.8
 151 82.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.951 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW020773.D
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Tgt Ion: 96 Resp: 52823
 Ion Ratio Lower Upper
 96 100
 61 162.5 138.3 256.9
 63 84.2 82.6 153.4

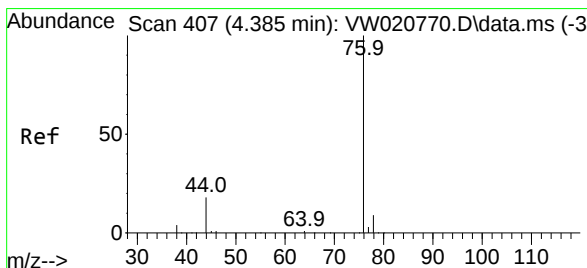
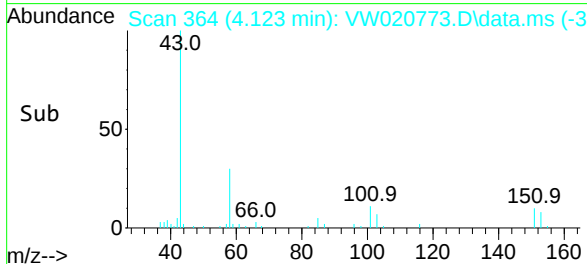
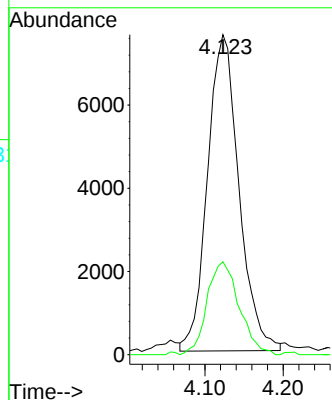
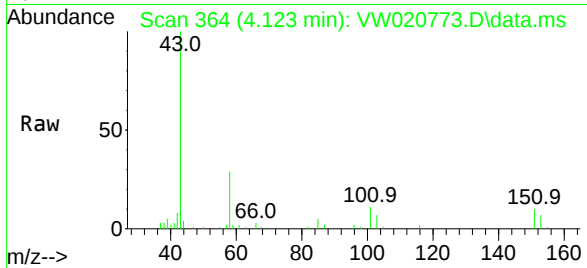




#13
Acetone
Concen: 44.634 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020773.D
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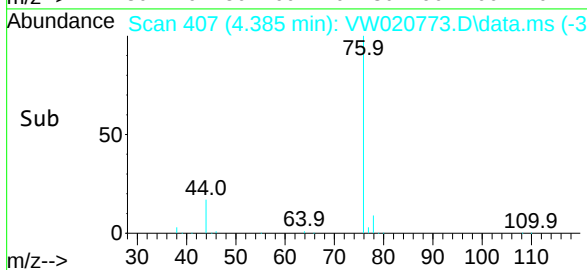
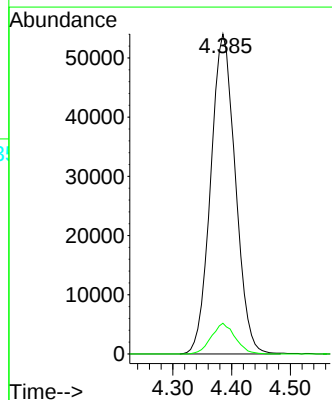
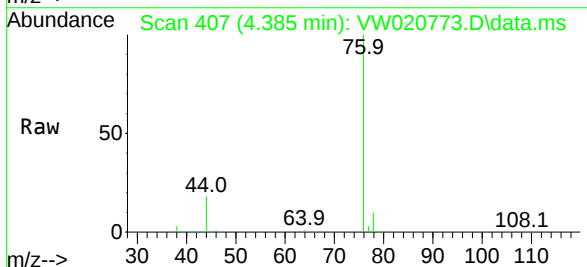
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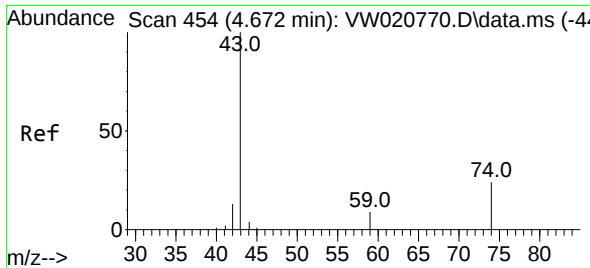
Tgt Ion: 43 Resp: 21192
Ion Ratio Lower Upper
43 100
58 30.0 0.0 52.8



#14
Carbon disulfide
Concen: 24.688 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 157766
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

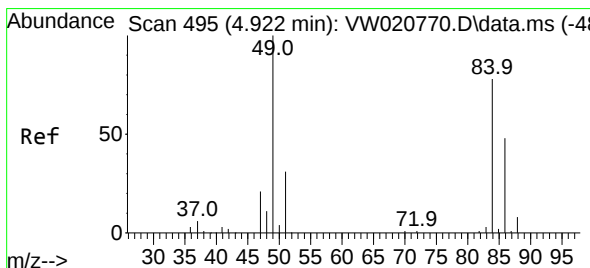
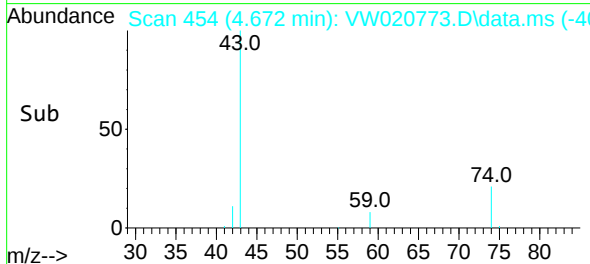
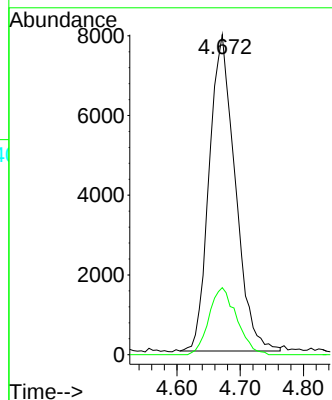
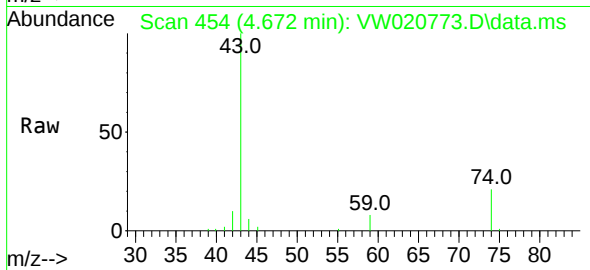




#15
Methyl Acetate
Concen: 25.176 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

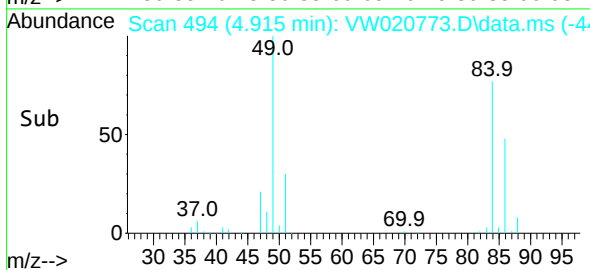
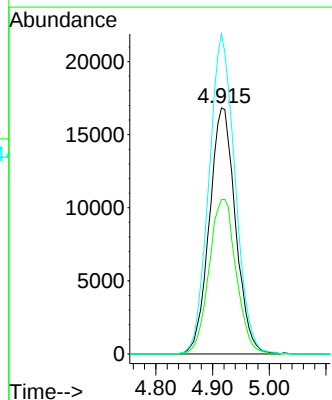
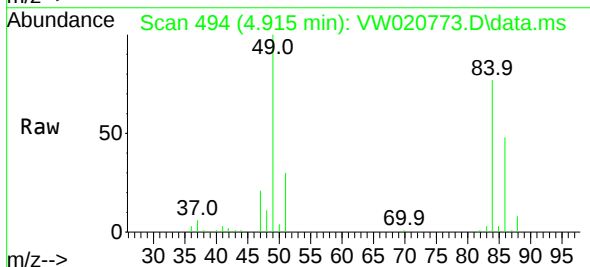
Instrument :
MSVOA_W
ClientSampleId :

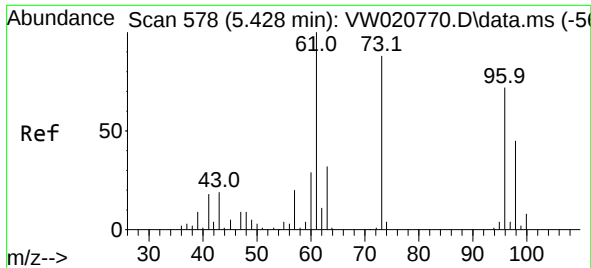
Tgt Ion: 43 Resp: 22679
Ion Ratio Lower Upper
43 100
74 22.5 16.4 24.6



#16
Methylene chloride
Concen: 22.012 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

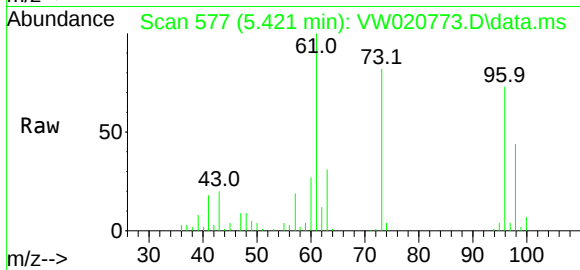
Tgt Ion: 84 Resp: 53938
Ion Ratio Lower Upper
84 100
86 62.7 45.5 84.5
49 130.0 100.5 186.7





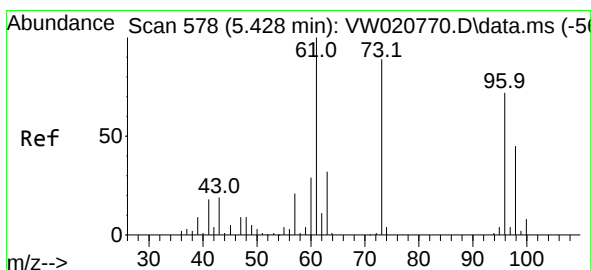
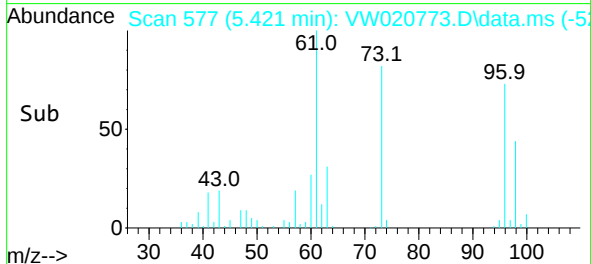
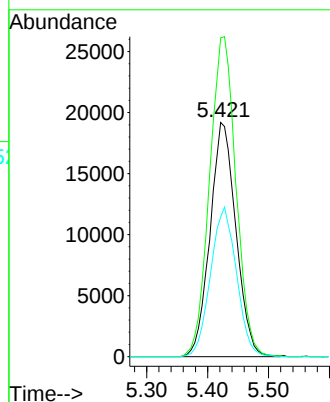
#17
trans-1,2-Dichloroethene
Concen: 25.155 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.007 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 56610

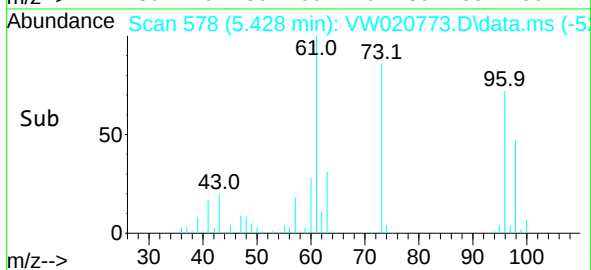
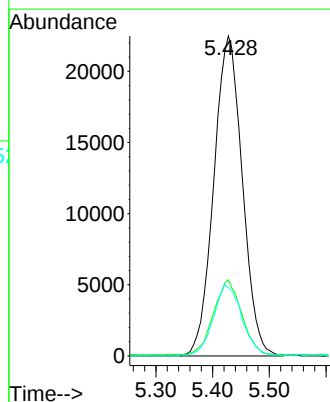
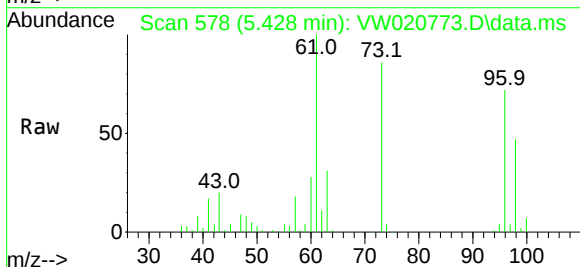
Ion	Ratio	Lower	Upper
96	100		
61	136.1	107.4	199.4
98	59.7	41.2	76.6

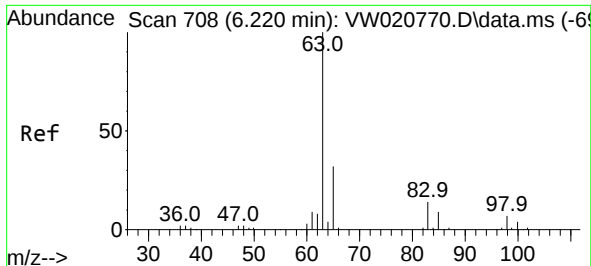


#18
Methyl tert-butyl Ether
Concen: 24.656 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion: 73 Resp: 78515

Ion	Ratio	Lower	Upper
73	100		
43	22.8	19.5	29.3
57	22.3	19.3	28.9





#19

1,1-Dichloroethane

Concen: 25.441 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020773.D

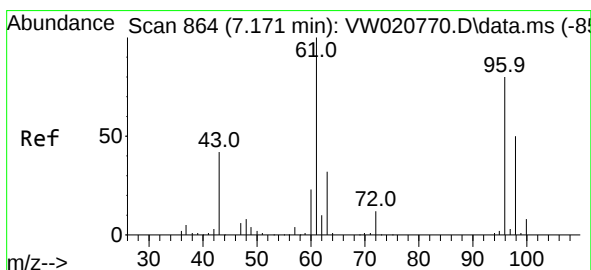
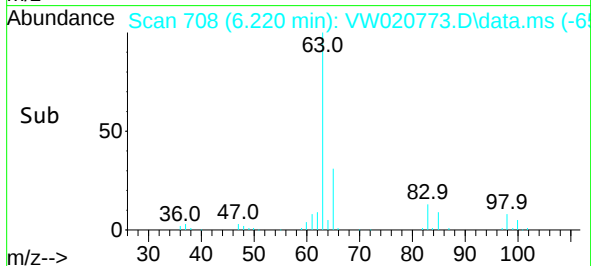
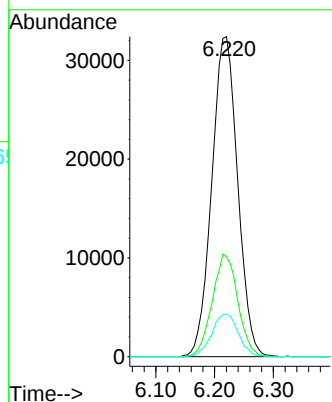
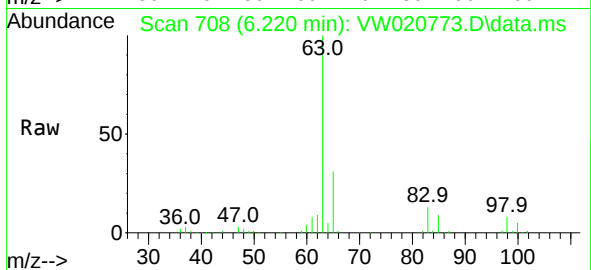
Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	99159
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.1	41.1
83	13.3	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 25.455 ug/L

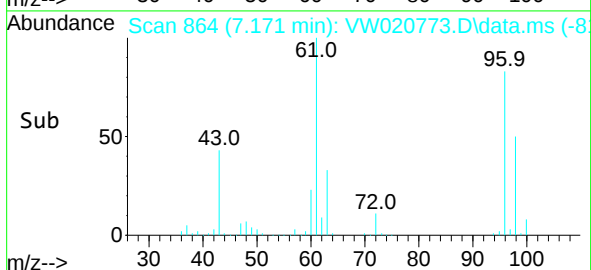
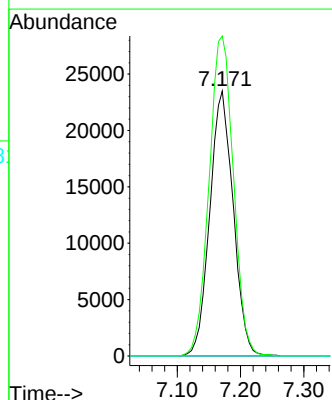
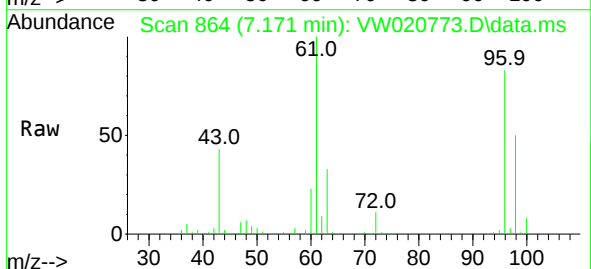
RT: 7.171 min Scan# 864

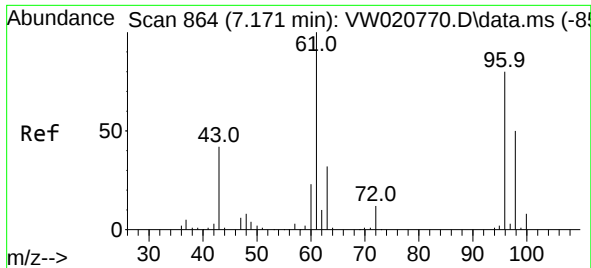
Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Tgt Ion:	96	Resp:	60386
Ion	Ratio	Lower	Upper
96	100		
61	120.8	103.7	192.7
68	0.0	0.0	0.0

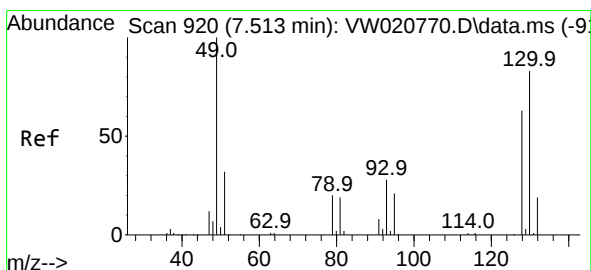
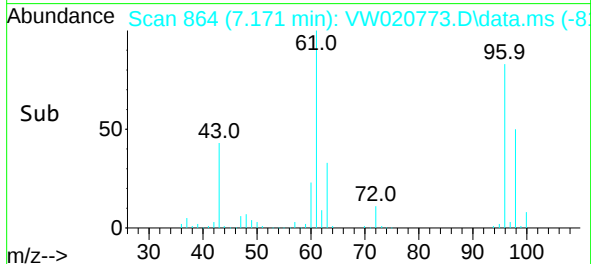
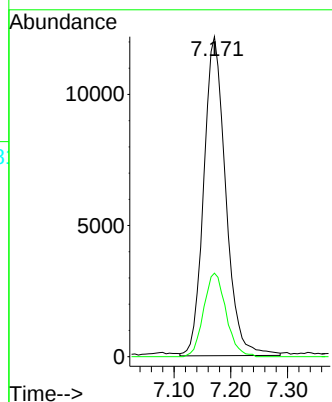
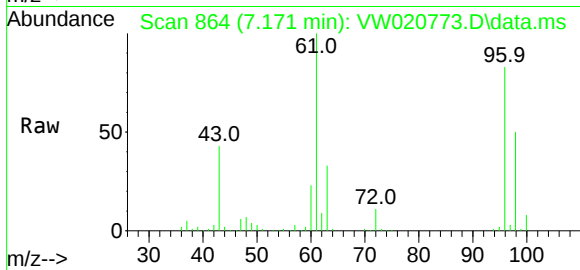




#22
2-Butanone
Concen: 51.309 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

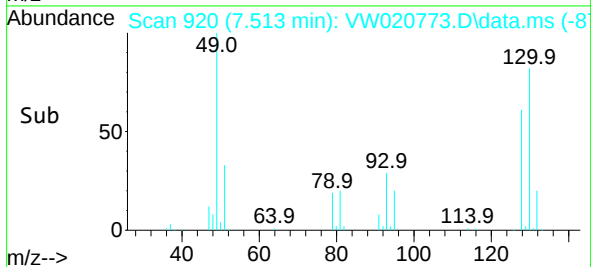
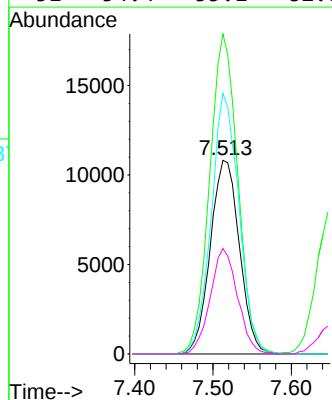
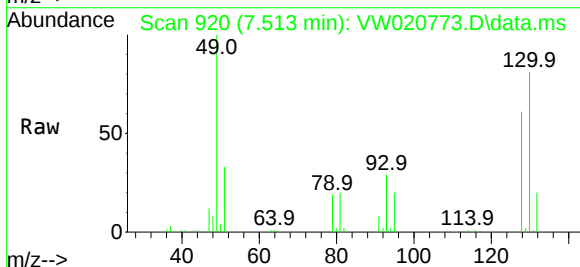
Instrument :
MSVOA_W
ClientSampleId :

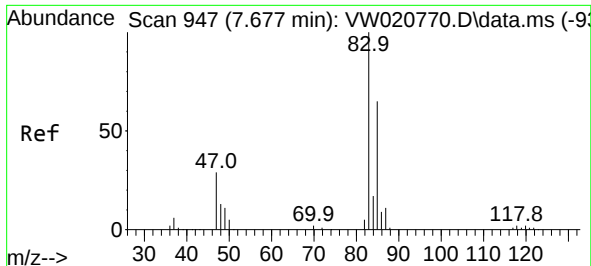
Tgt Ion: 43 Resp: 32708
Ion Ratio Lower Upper
43 100
72 26.5 11.8 35.4



#23
Bromochloromethane
Concen: 25.555 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion: 128 Resp: 27975
Ion Ratio Lower Upper
128 100
49 165.3 150.3 279.1
130 134.6 88.3 163.9
51 54.4 55.1 82.7#

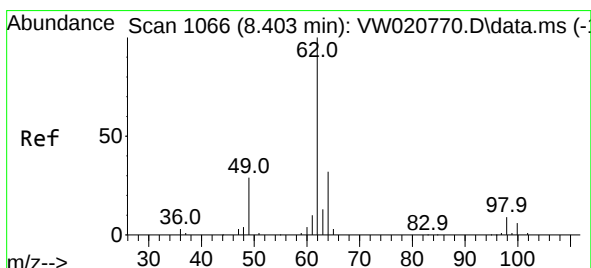
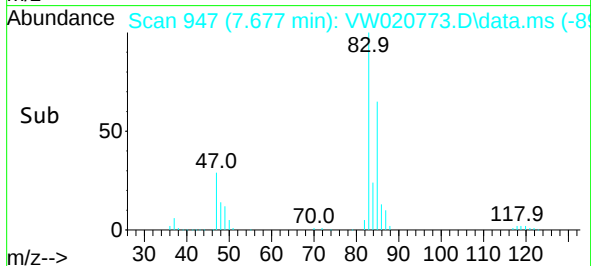
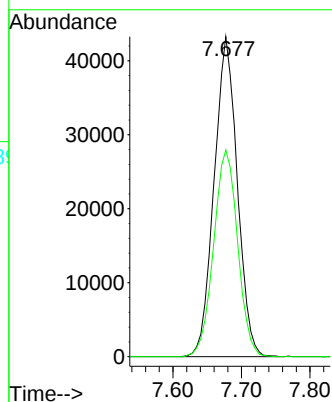
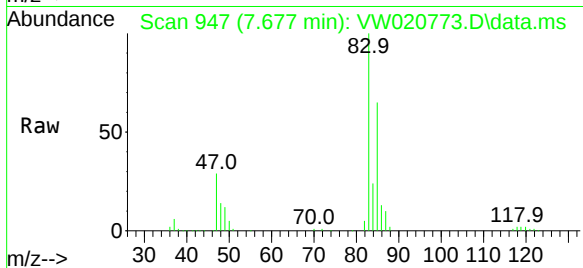




#25
Chloroform
Concen: 24.995 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

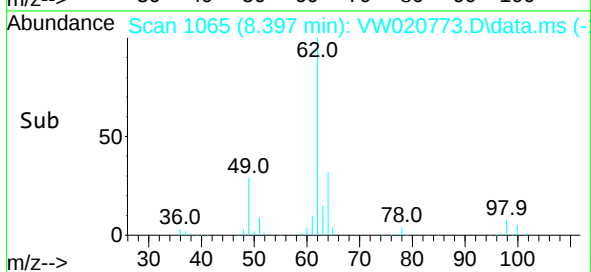
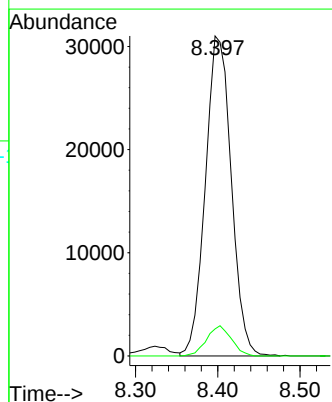
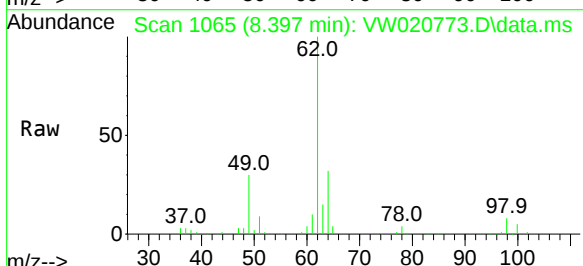
Instrument :
MSVOA_W
ClientSampleId :

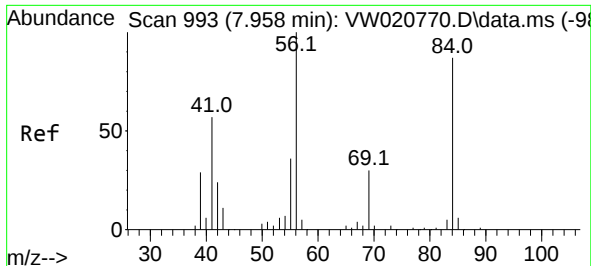
Tgt Ion: 83 Resp: 101419
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.825 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

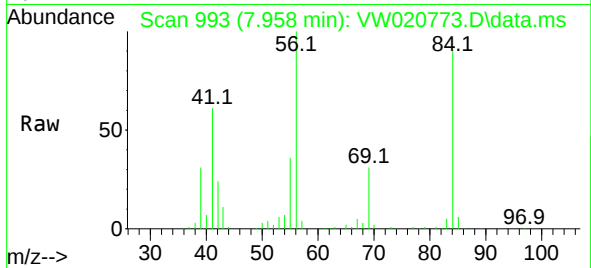
Tgt Ion: 62 Resp: 67835
Ion Ratio Lower Upper
62 100
98 8.5 6.5 9.7



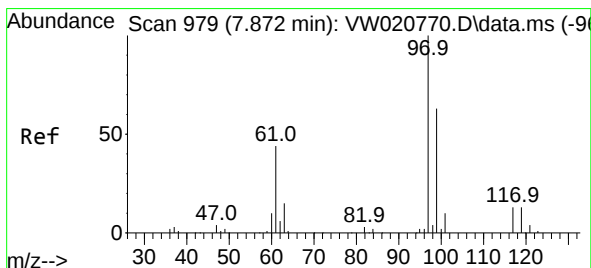
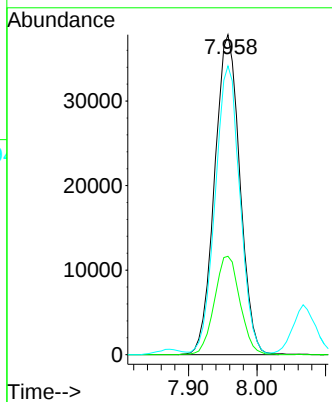
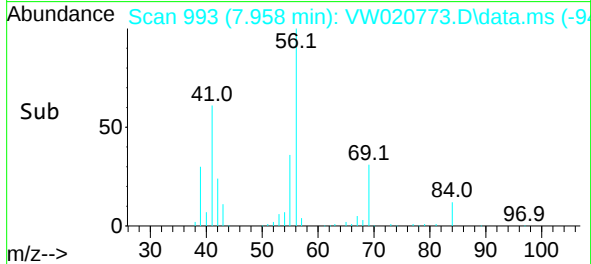


#29
Cyclohexane
Concen: 24.238 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :

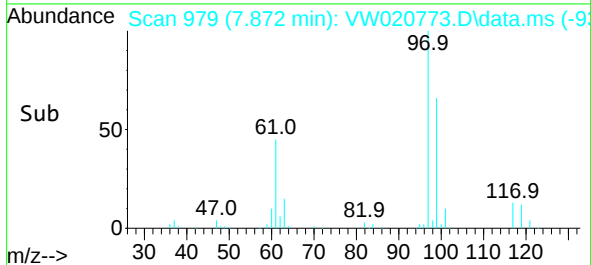
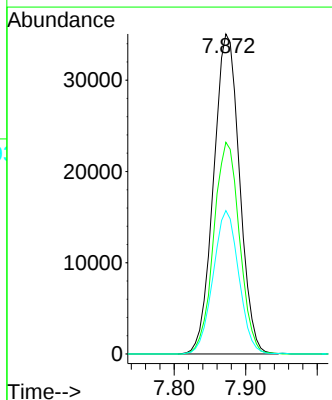
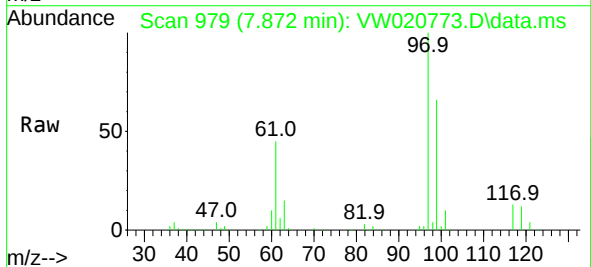


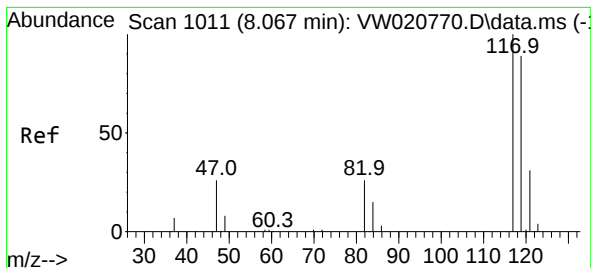
Tgt Ion:	56	Resp:	96843
Ion Ratio	Lower	Upper	
56	100		
69	31.0	23.5	35.3
84	88.7	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 24.310 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion:	97	Resp:	88469
Ion Ratio	Lower	Upper	
97	100		
99	65.7	51.6	77.4
61	44.4	40.9	61.3





#31

Carbon tetrachloride

Concen: 24.724 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

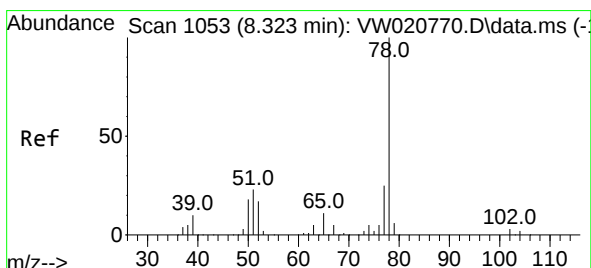
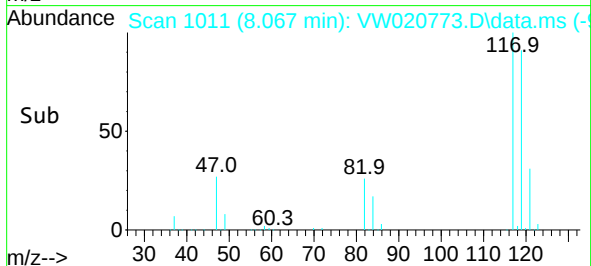
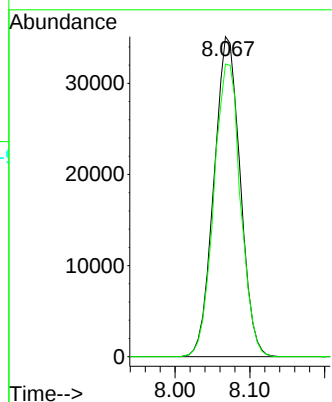
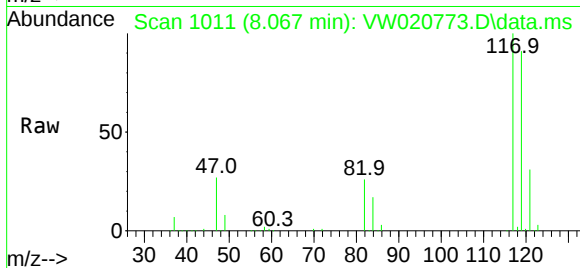
ClientSampleId :

Tgt Ion:117 Resp: 85623

Ion Ratio Lower Upper

117 100

119 93.0 75.7 113.5



#33

Benzene

Concen: 24.709 ug/L

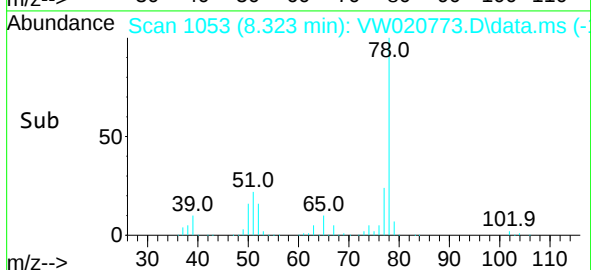
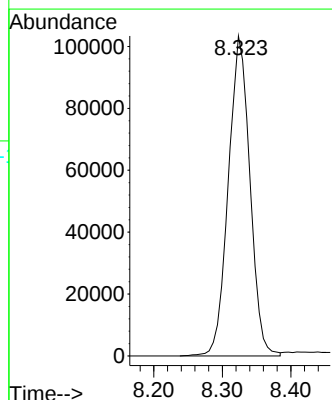
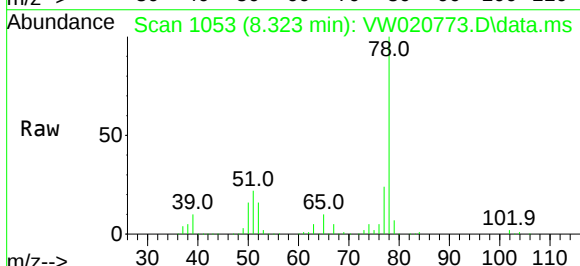
RT: 8.323 min Scan# 1053

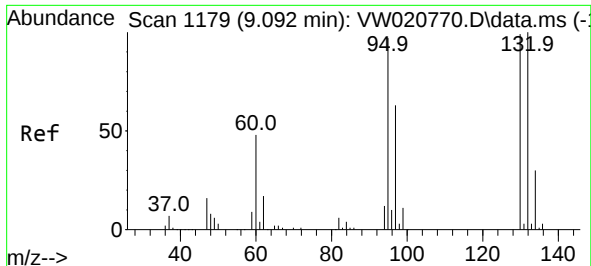
Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

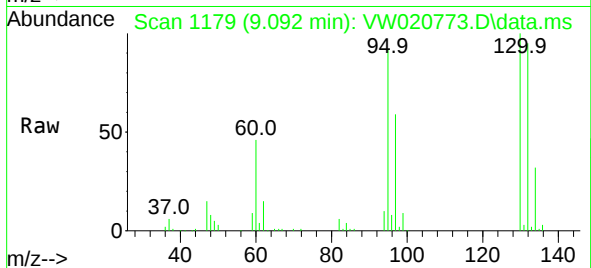
Tgt Ion: 78 Resp: 226623



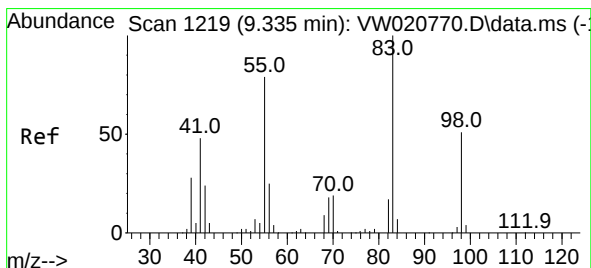
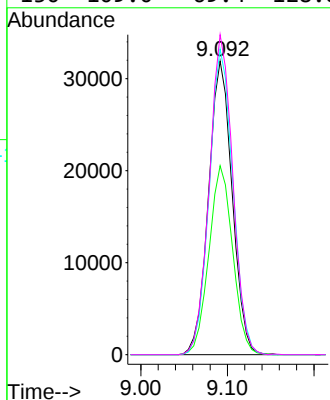
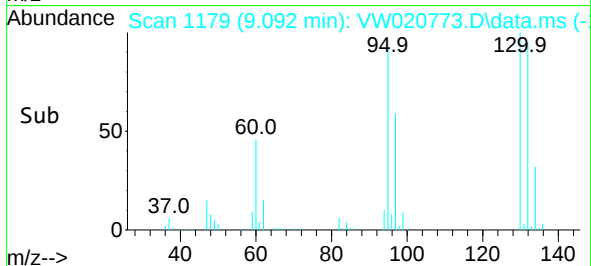


#34
Trichloroethene
Concen: 24.834 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

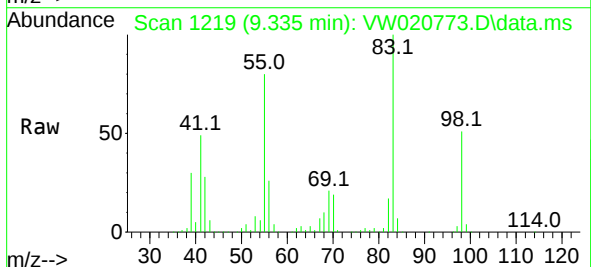
Instrument :
MSVOA_W
ClientSampleId :



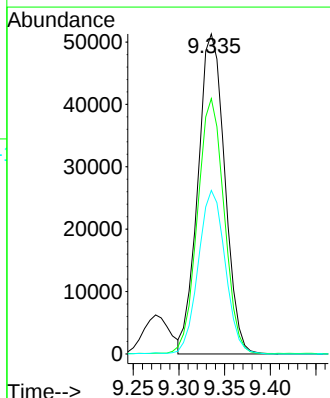
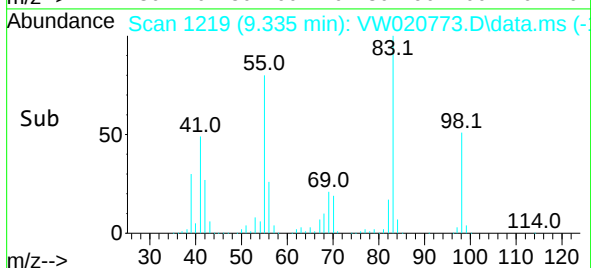
Tgt Ion: 95 Resp: 60628
Ion Ratio Lower Upper
95 100
97 64.4 47.0 87.2
132 104.1 65.5 121.6
130 109.0 69.4 128.8

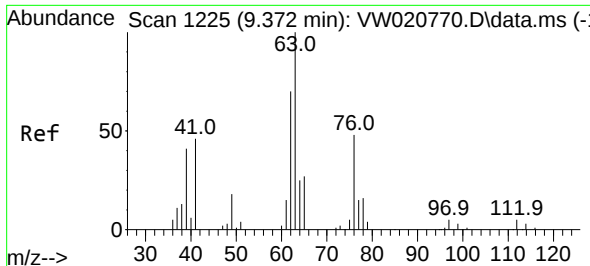


#35
Methylcyclohexane
Concen: 24.625 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20



Tgt Ion: 83 Resp: 104911
Ion Ratio Lower Upper
83 100
55 78.9 70.8 106.2
98 51.2 37.7 56.5

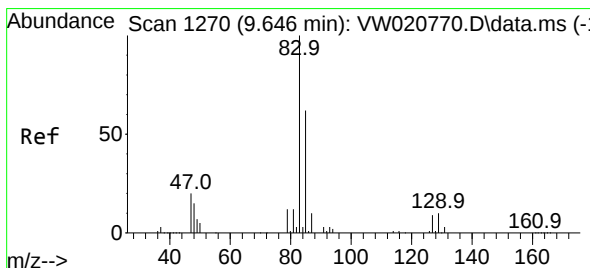
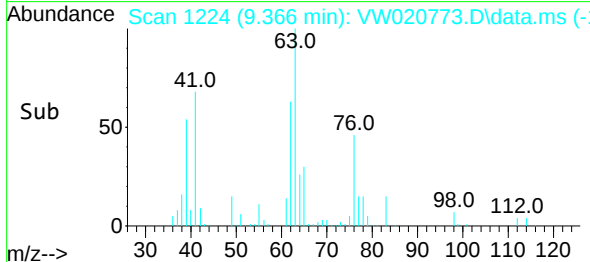
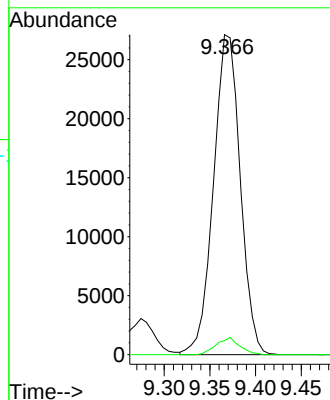
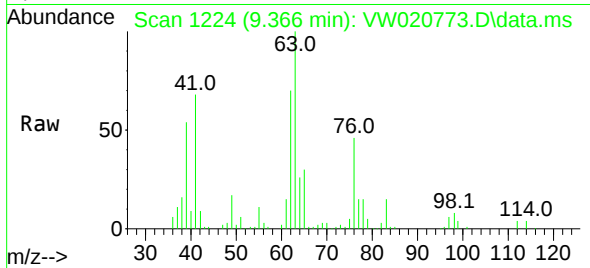




#37
1,2-Dichloropropane
Concen: 25.450 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

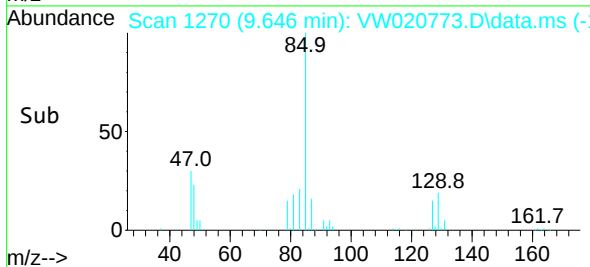
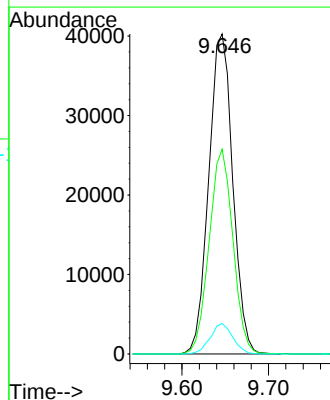
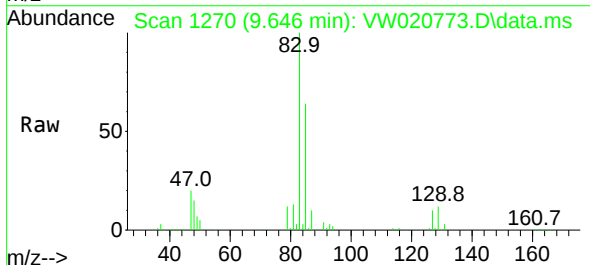
Instrument :
MSVOA_W
ClientSampleId :

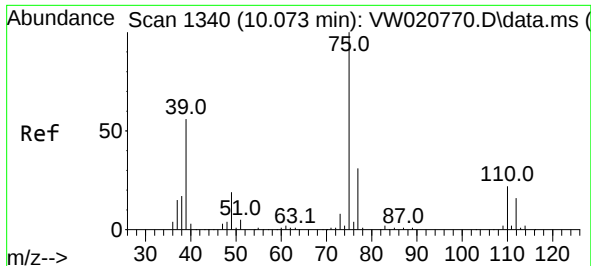
Tgt Ion: 63 Resp: 55264
Ion Ratio Lower Upper
63 100
112 4.7 3.2 4.8



#38
Bromodichloromethane
Concen: 25.515 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion: 83 Resp: 77558
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9
127 9.5 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.366 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

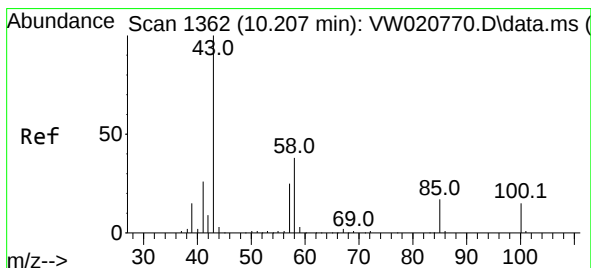
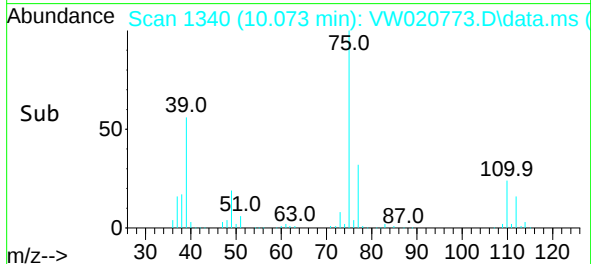
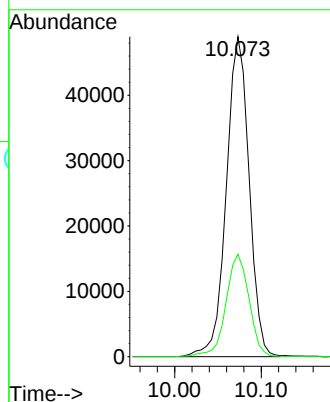
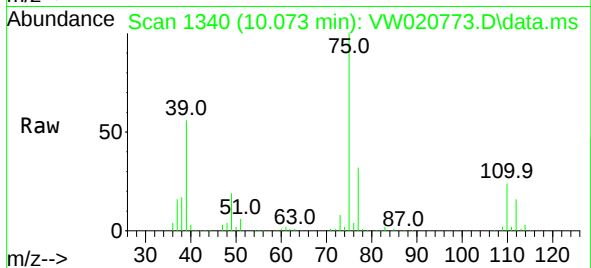
ClientSampleId :

Tgt Ion: 75 Resp: 89641

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.698 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

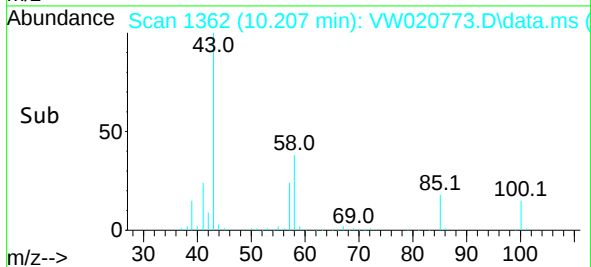
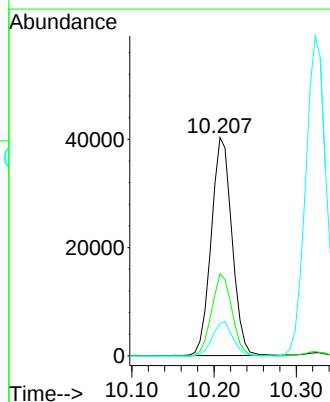
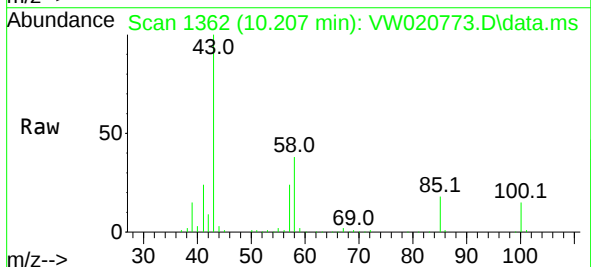
Tgt Ion: 43 Resp: 70530

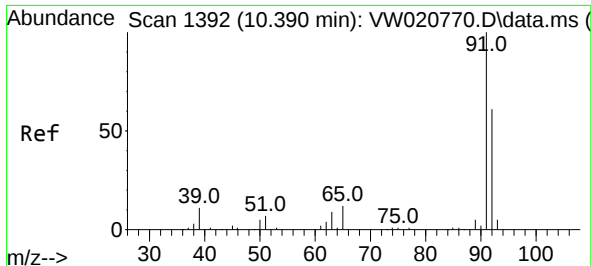
Ion Ratio Lower Upper

43 100

58 37.0 28.8 43.2

100 15.5 10.0 15.0#





#42

Toluene

Concen: 24.985 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

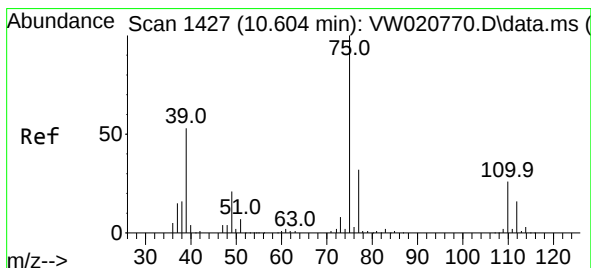
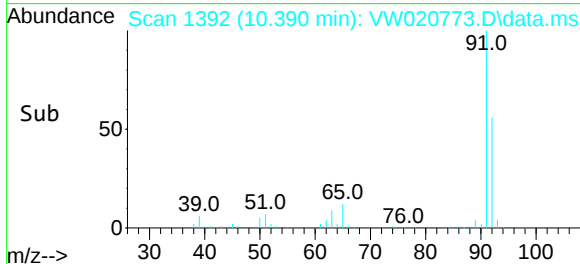
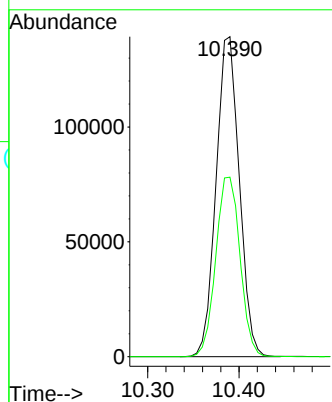
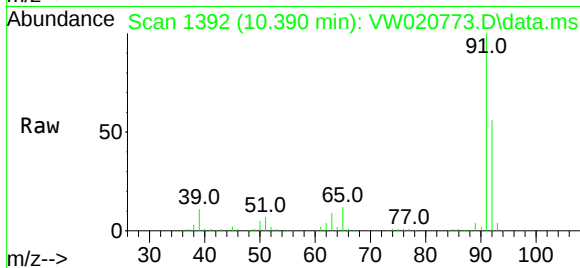
ClientSampleId :

Tgt Ion: 91 Resp: 246410

Ion Ratio Lower Upper

91 100

92 56.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 24.862 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.001 min

Lab File: VW020773.D

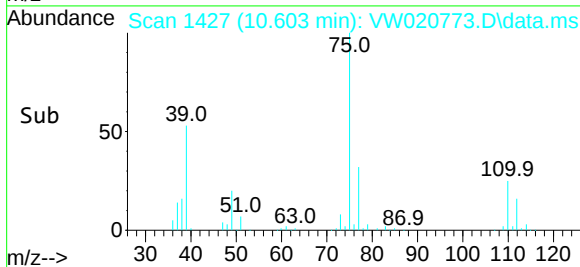
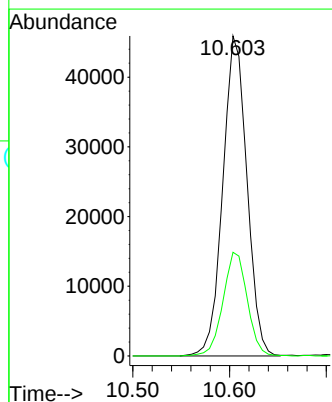
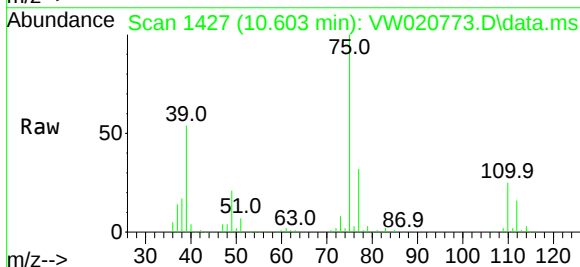
Acq: 05 Nov 2021 11:20

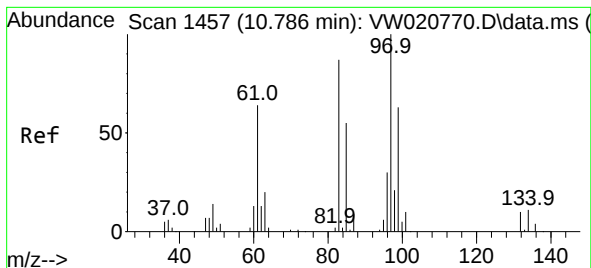
Tgt Ion: 75 Resp: 79474

Ion Ratio Lower Upper

75 100

77 32.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 25.553 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 41178

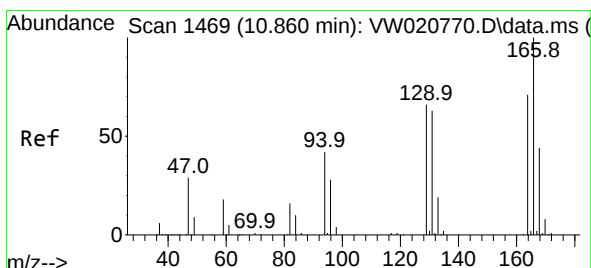
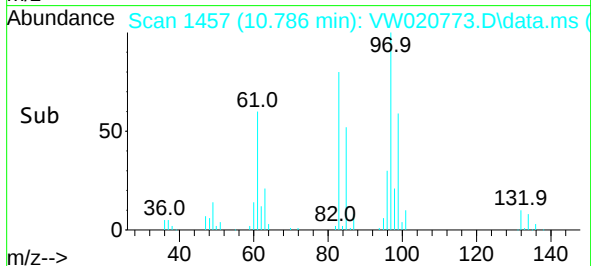
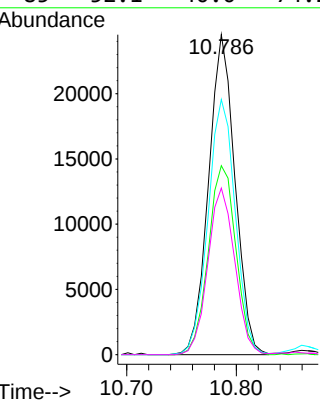
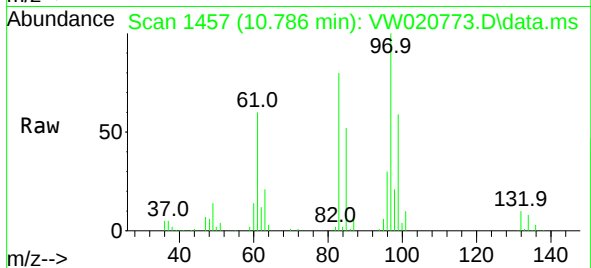
Ion Ratio Lower Upper

97 100

99 59.0 43.0 79.8

83 79.7 62.6 116.3

85 52.1 40.0 74.2



#46

Tetrachloroethene

Concen: 24.876 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Tgt Ion:164 Resp: 54470

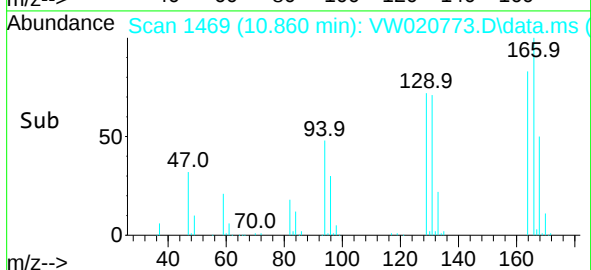
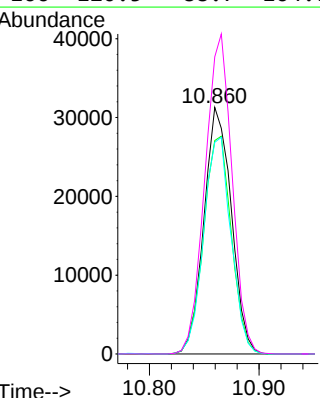
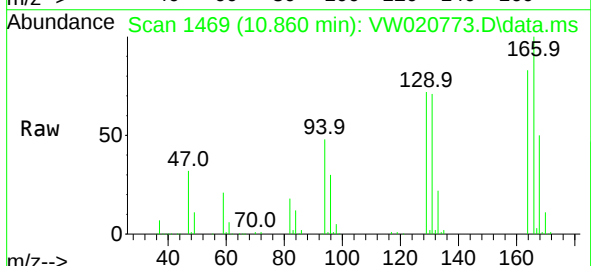
Ion Ratio Lower Upper

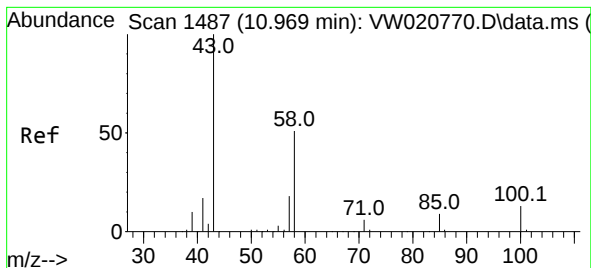
164 100

129 86.6 65.5 121.7

131 85.9 59.7 110.9

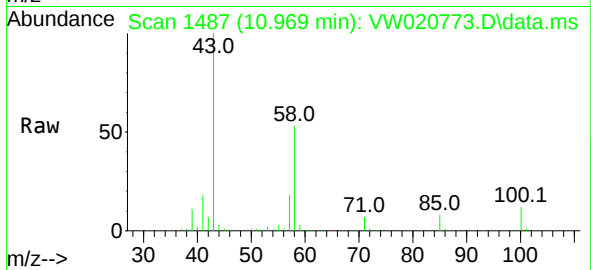
166 120.5 88.7 164.7



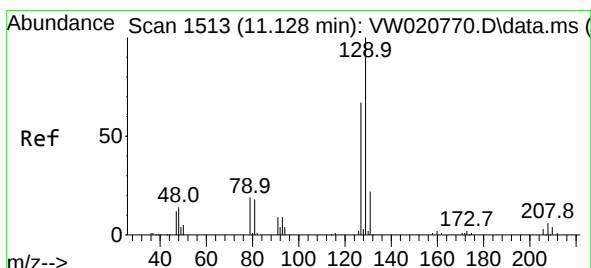
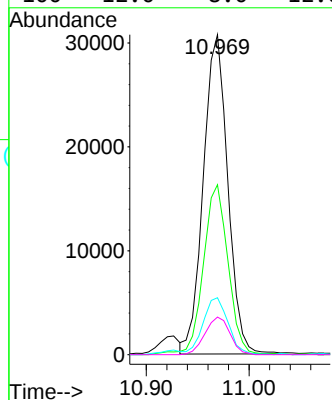
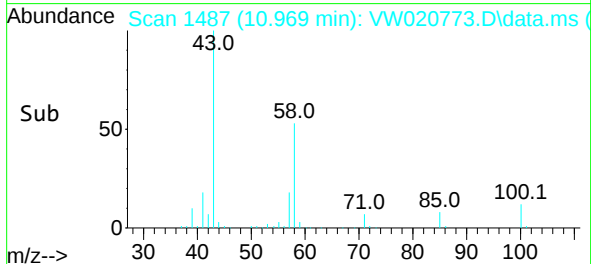


#48
2-Hexanone
Concen: 48.998 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Instrument :
MSVOA_W
ClientSampleId :

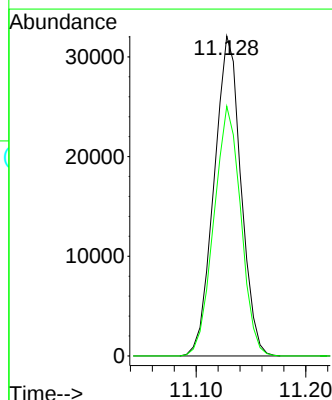
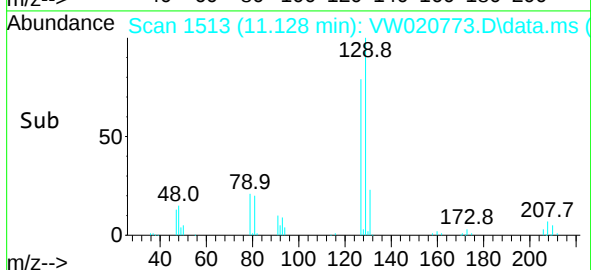
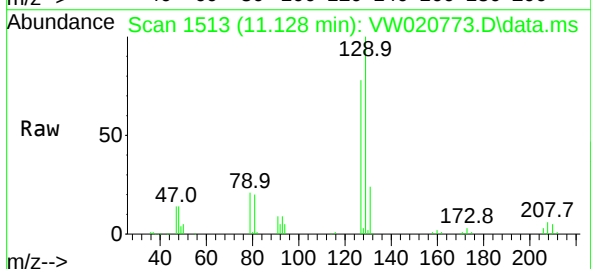


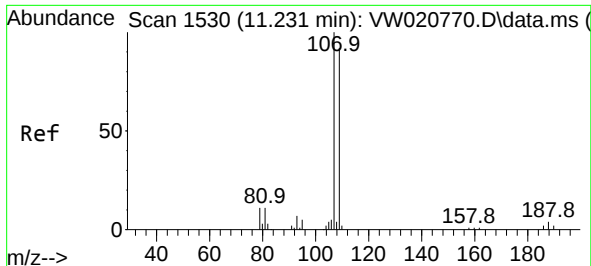
Tgt Ion: 43 Resp: 50775
Ion Ratio Lower Upper
43 100
58 53.1 40.2 60.2
57 18.1 14.3 21.5
100 12.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.858 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion: 129 Resp: 54705
Ion Ratio Lower Upper
129 100
127 78.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.079 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.007 min

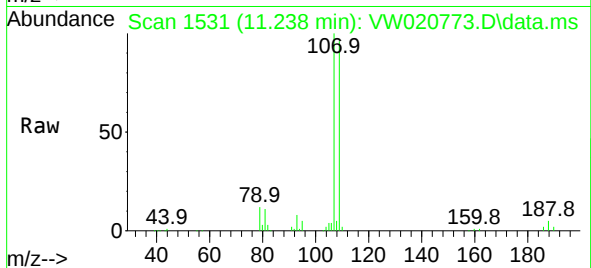
Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :



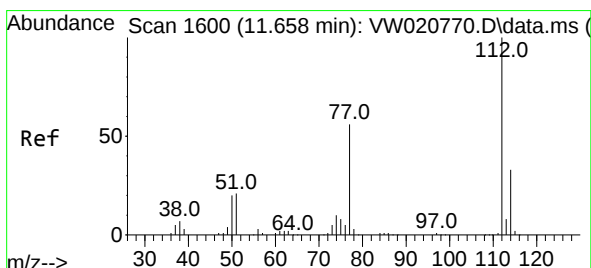
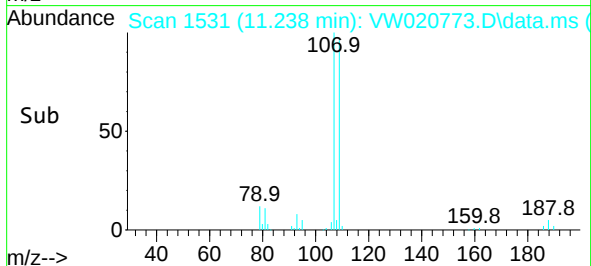
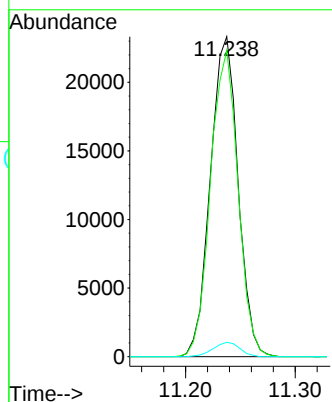
Tgt Ion:107 Resp: 40979

Ion Ratio Lower Upper

107 100

109 95.7 64.1 119.1

188 4.5 2.6 3.8#



#51

Chlorobenzene

Concen: 25.636 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

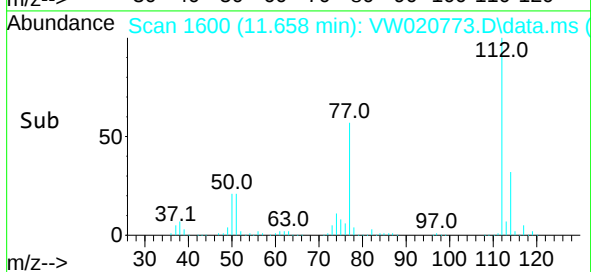
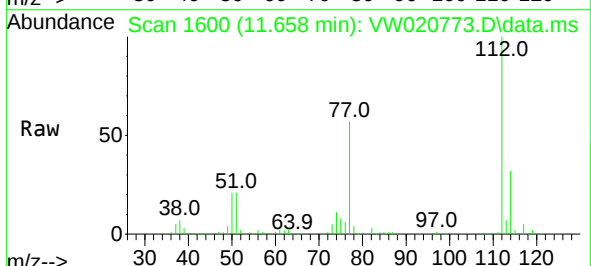
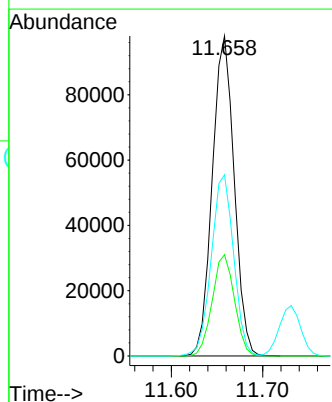
Tgt Ion:112 Resp: 163081

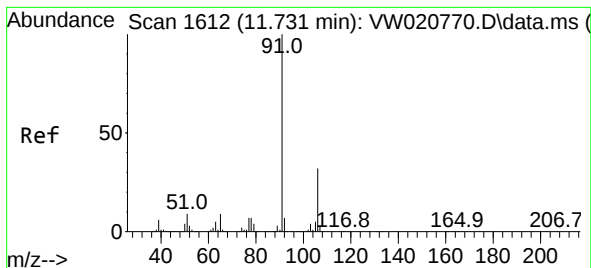
Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 56.6 50.2 75.4

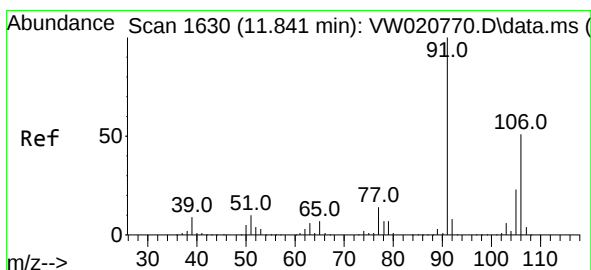
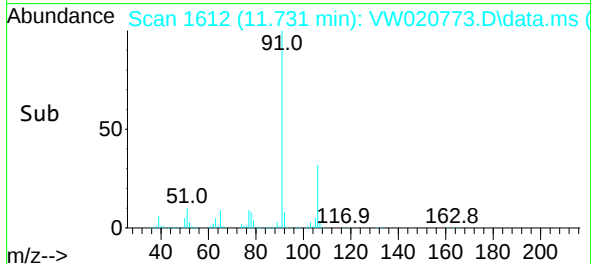
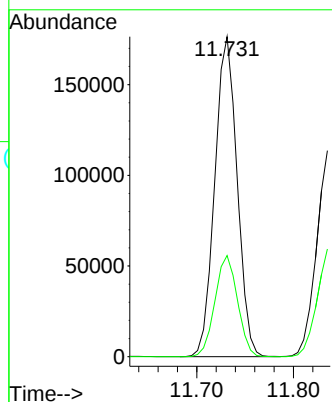
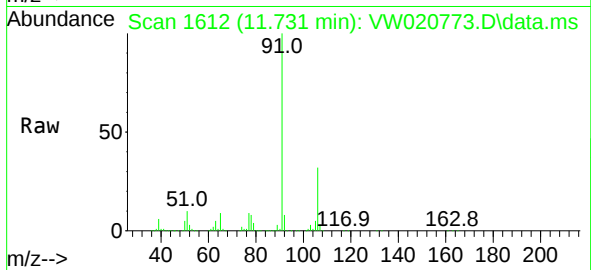




#52
Ethylbenzene
Concen: 25.565 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

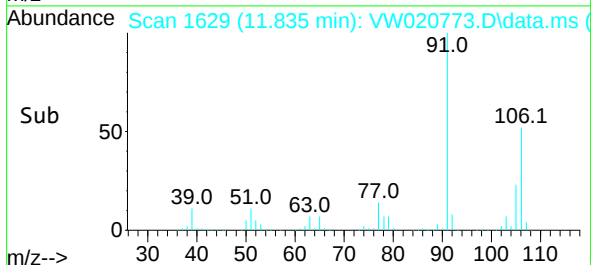
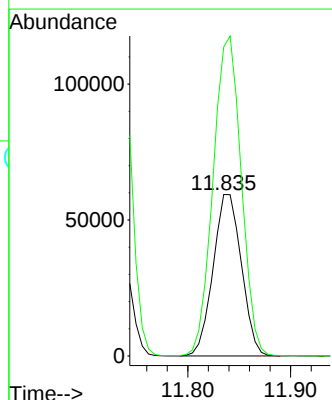
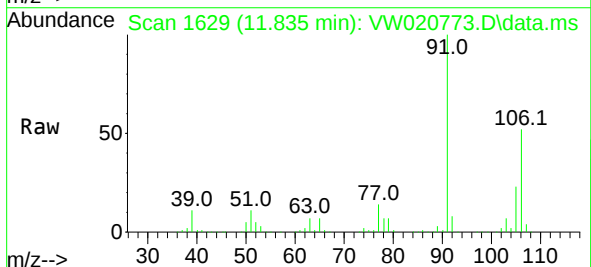
Instrument :
MSVOA_W
ClientSampleId :

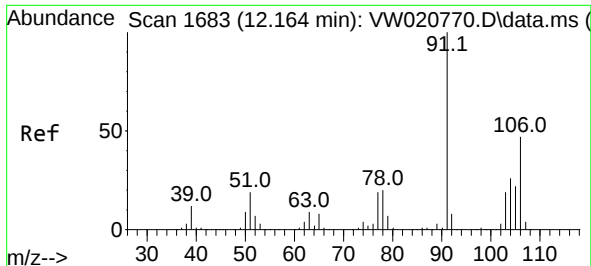
Tgt Ion: 91 Resp: 282491
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 25.614 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion:106 Resp: 113403
Ion Ratio Lower Upper
106 100
91 191.4 149.9 278.3

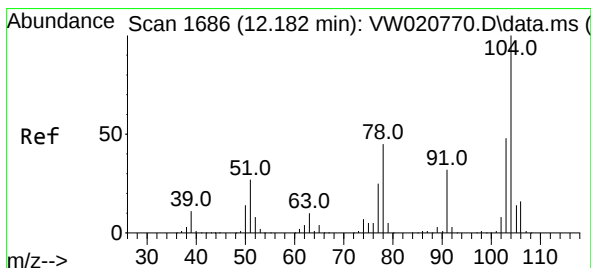
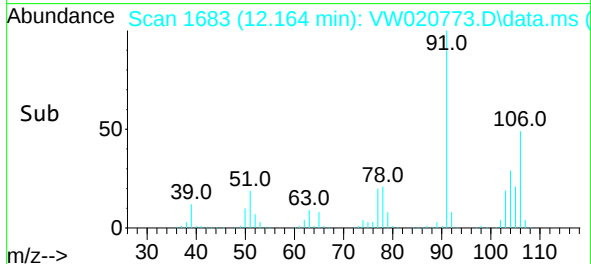
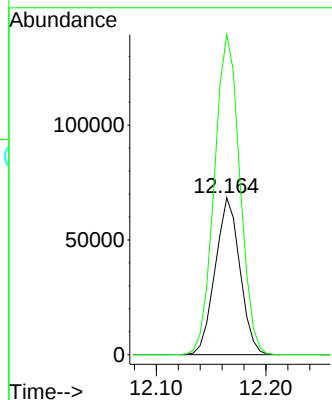
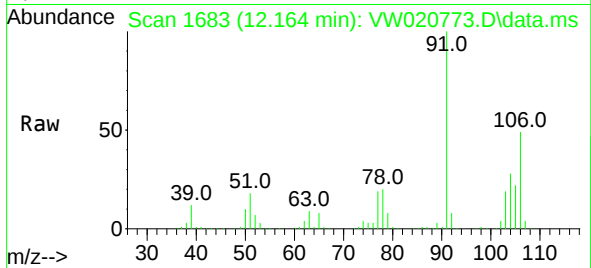




#54
o-Xylene
Concen: 25.529 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

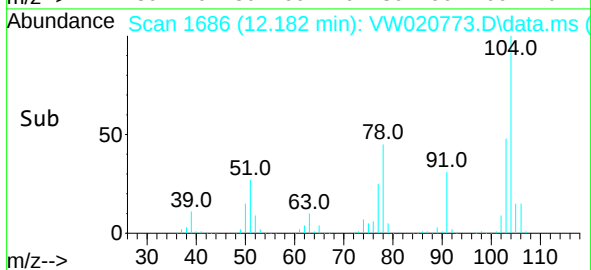
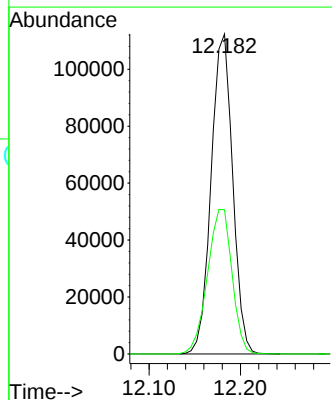
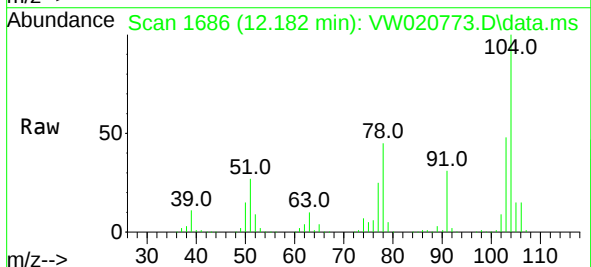
Instrument :
MSVOA_W
ClientSampleId :

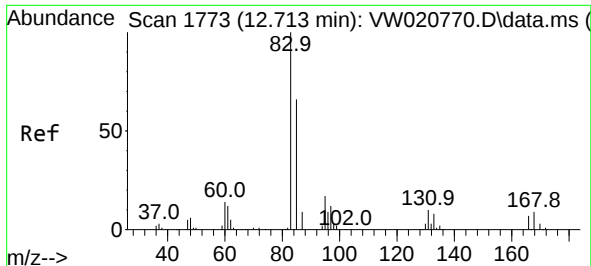
Tgt Ion:106 Resp: 107065
Ion Ratio Lower Upper
106 100
91 203.9 153.6 285.3



#55
Styrene
Concen: 25.761 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion:104 Resp: 183673
Ion Ratio Lower Upper
104 100
78 45.0 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 25.180 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW020773.D

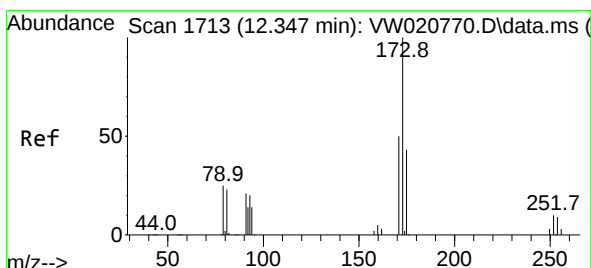
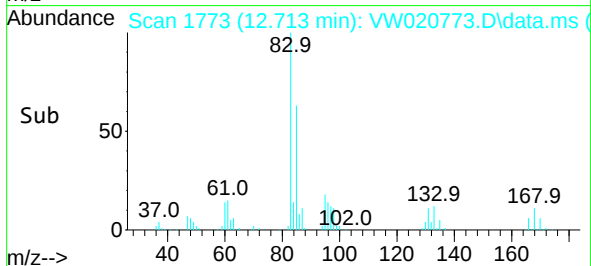
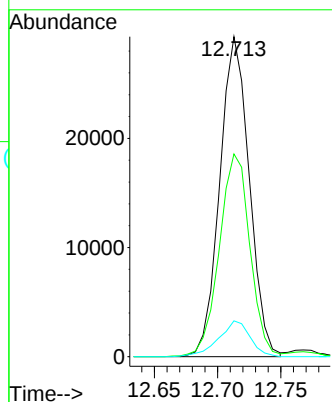
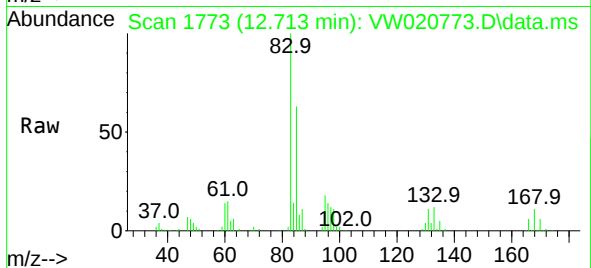
Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	47558
Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.0	81.6
131	11.2	6.9	10.3



#59

Bromoform

Concen: 24.580 ug/L

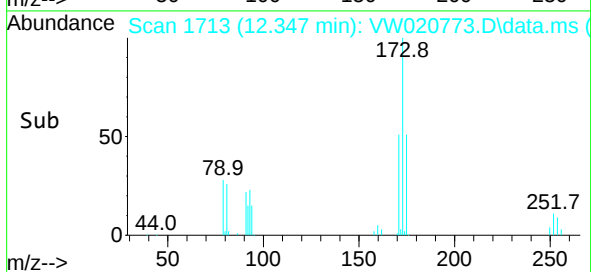
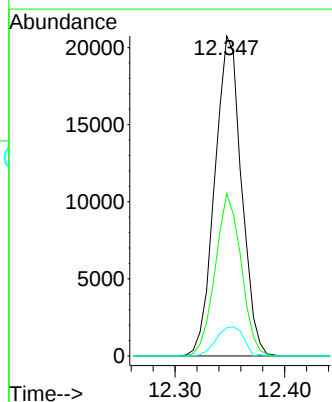
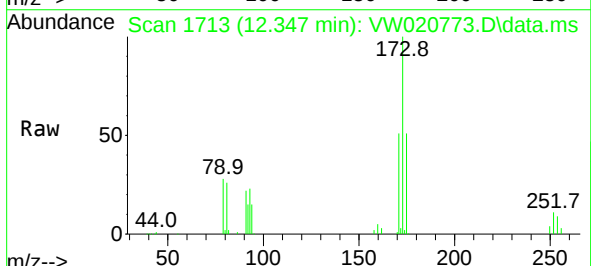
RT: 12.347 min Scan# 1713

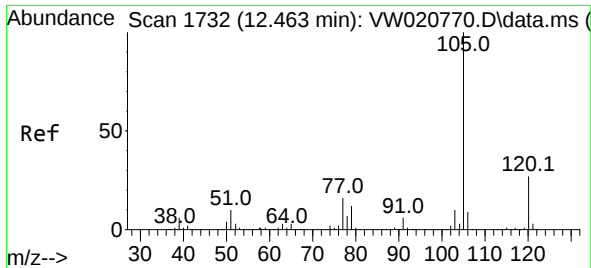
Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Tgt Ion:	173	Resp:	35156
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.6	59.4
254	9.2	7.4	11.0

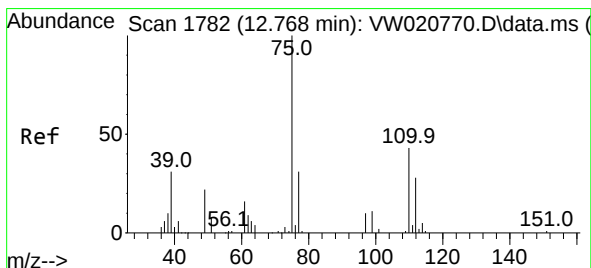
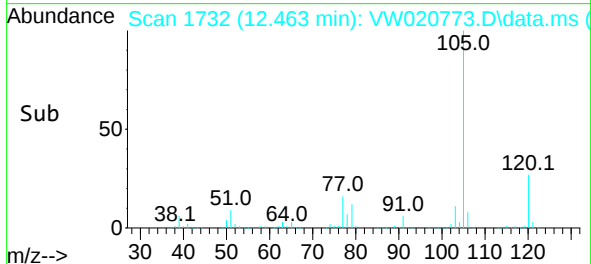
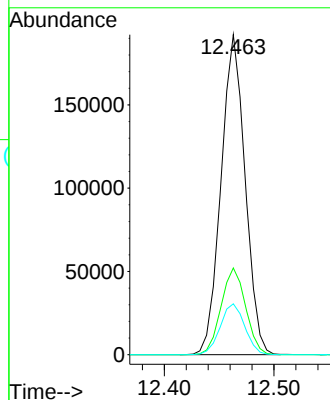
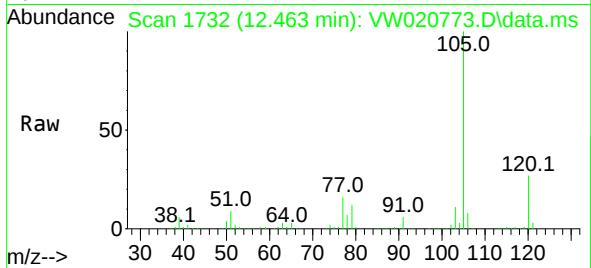




#60
Isopropylbenzene
Concen: 25.179 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

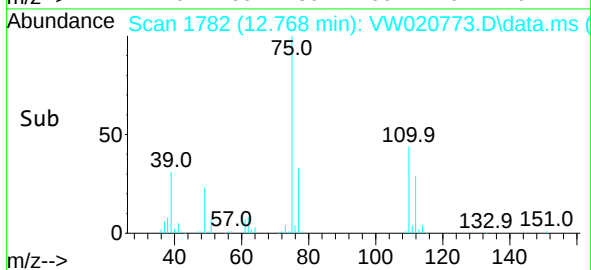
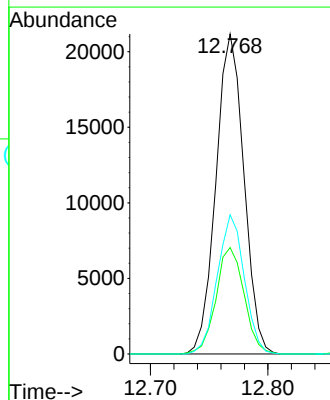
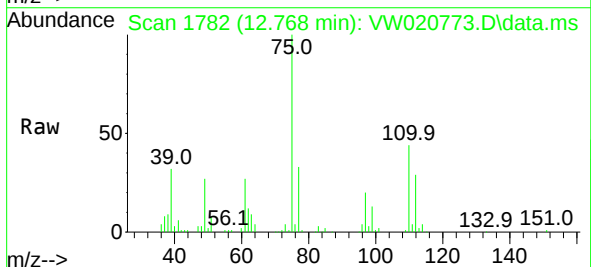
Instrument :
MSVOA_W
ClientSampleId :

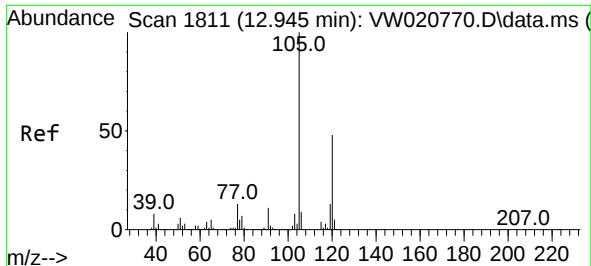
Tgt Ion:105 Resp: 293456
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 16.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.044 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion: 75 Resp: 34997
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.8
110 42.0 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 25.075 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

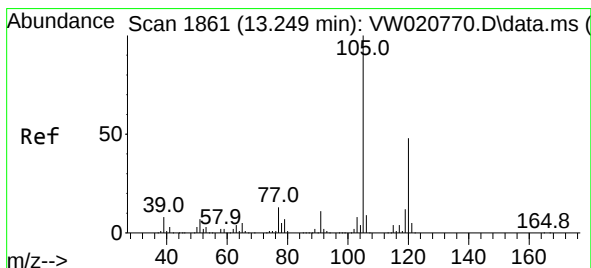
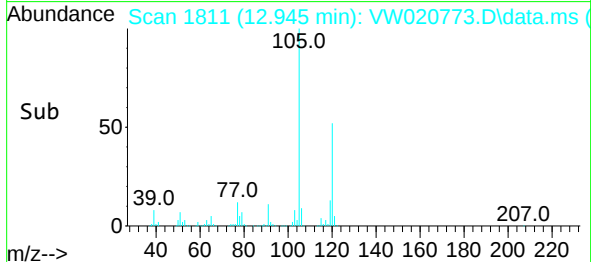
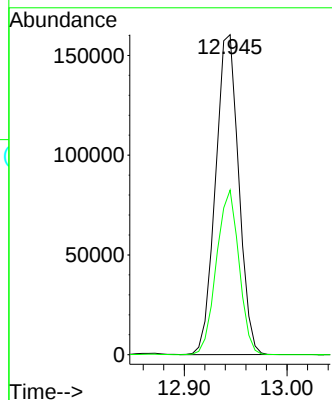
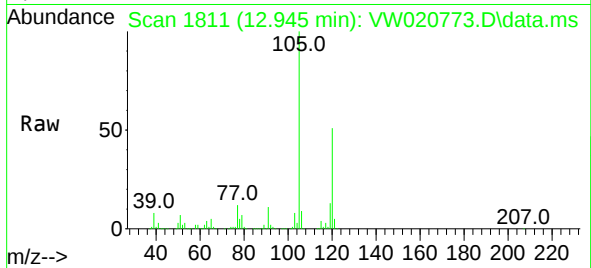
ClientSampleId :

Tgt Ion:105 Resp: 251128

Ion Ratio Lower Upper

105 100

120 50.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.836 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020773.D

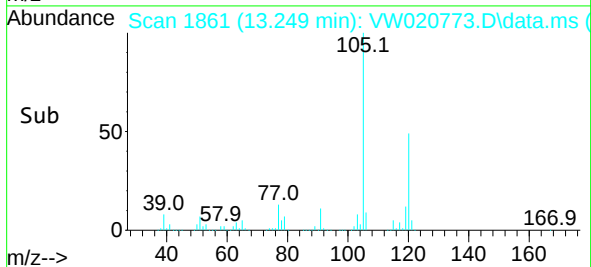
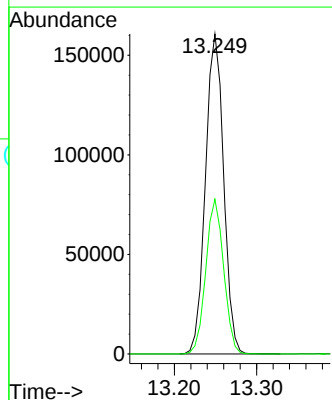
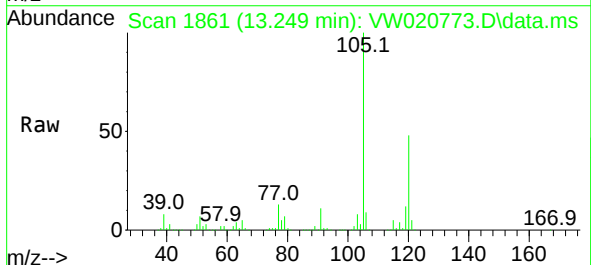
Acq: 05 Nov 2021 11:20

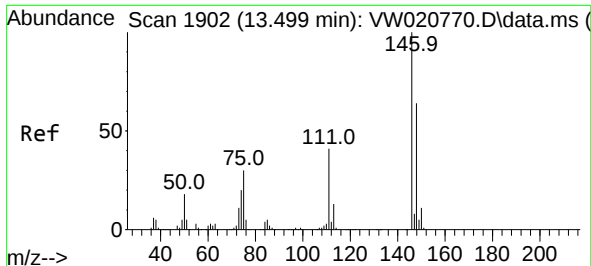
Tgt Ion:105 Resp: 247091

Ion Ratio Lower Upper

105 100

120 47.5 35.0 52.6

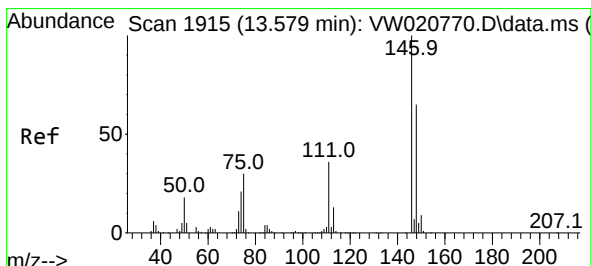
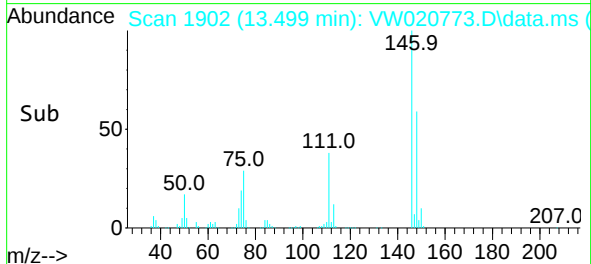
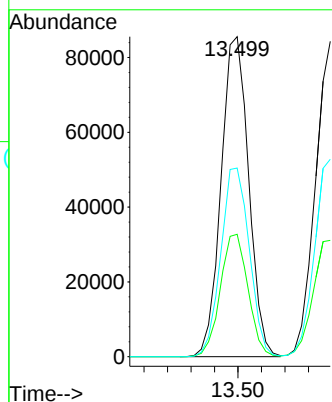
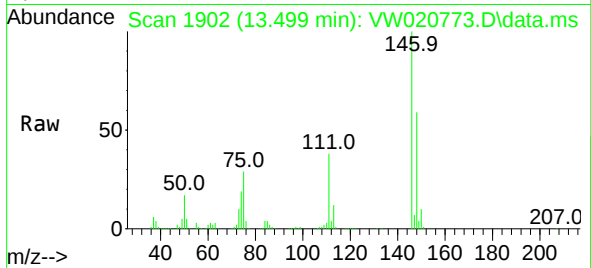




#64
1,3-Dichlorobenzene
Concen: 25.843 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

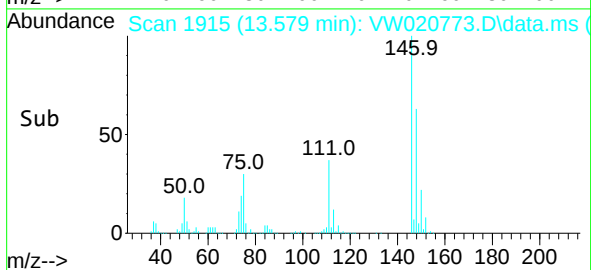
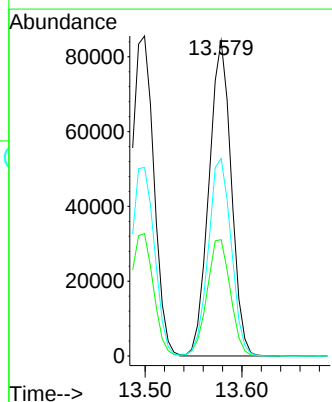
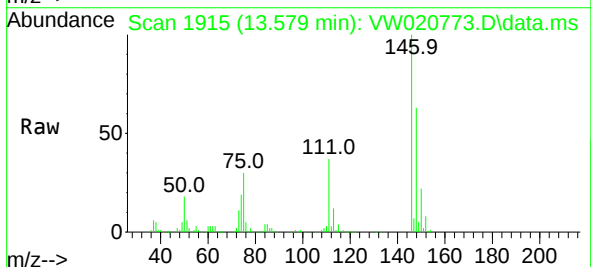
Instrument :
MSVOA_W
ClientSampleId :

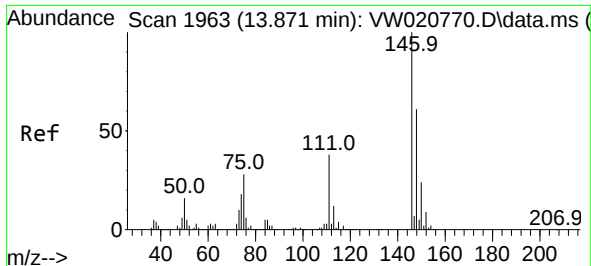
Tgt Ion:146 Resp: 139650
Ion Ratio Lower Upper
146 100
111 38.3 29.8 55.3
148 59.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.128 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020773.D
Acq: 05 Nov 2021 11:20

Tgt Ion:146 Resp: 135265
Ion Ratio Lower Upper
146 100
111 36.9 29.0 53.9
148 62.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.397 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

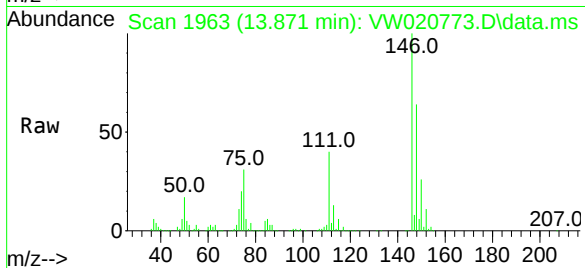
Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :



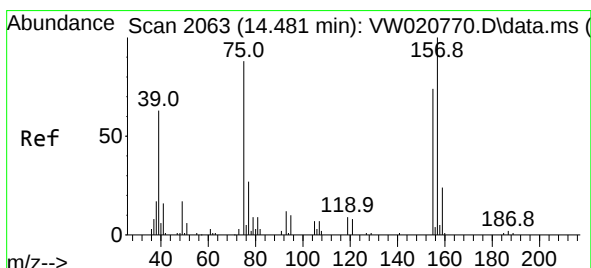
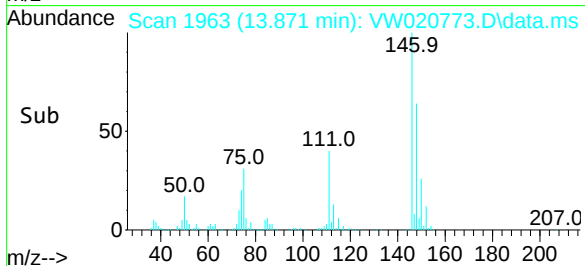
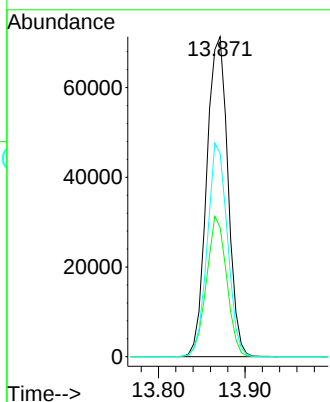
Tgt Ion:146 Resp: 121230

Ion Ratio Lower Upper

146 100

111 40.4 33.1 49.7

148 63.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.141 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

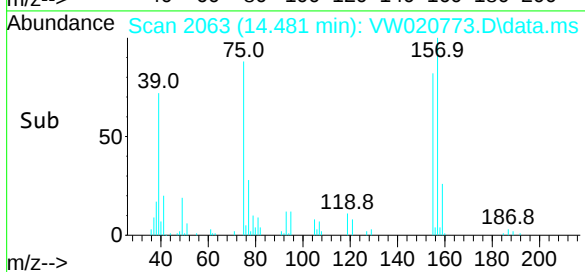
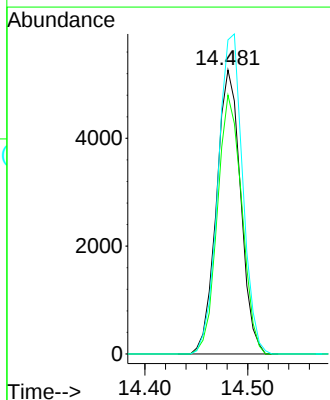
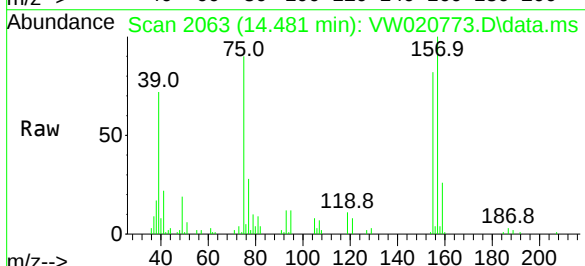
Tgt Ion: 75 Resp: 8588

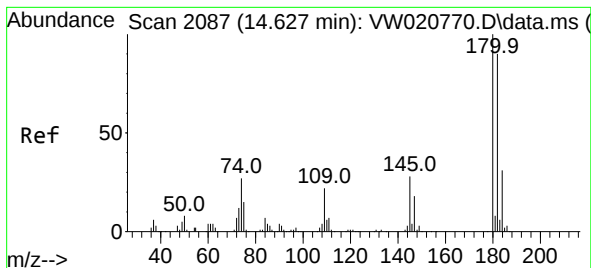
Ion Ratio Lower Upper

75 100

155 91.1 54.2 81.2#

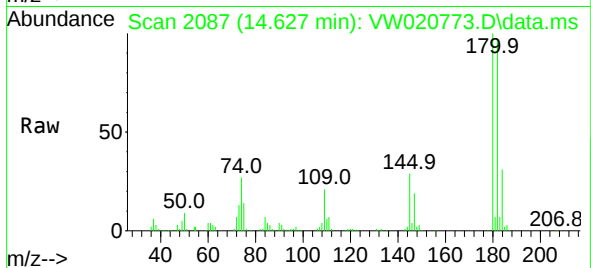
157 110.6 69.4 104.2#



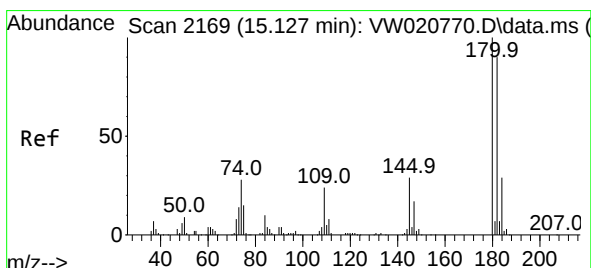
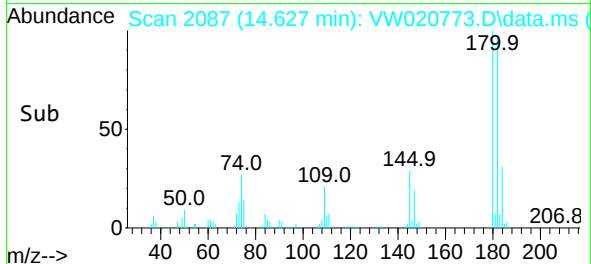
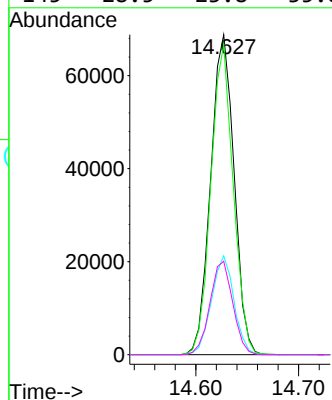


#69
 1,3,5-Trichlorobenzene
 Concen: 25.332 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020773.D
 Acq: 05 Nov 2021 11:20

Instrument :
 MSVOA_W
 ClientSampleId :

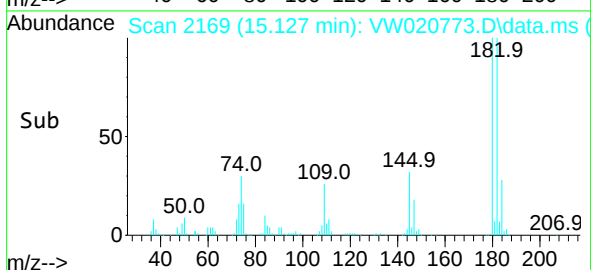
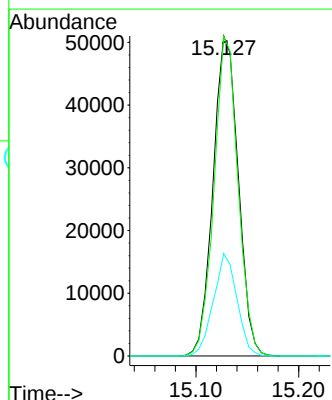
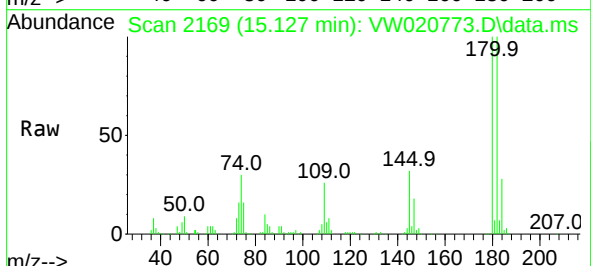


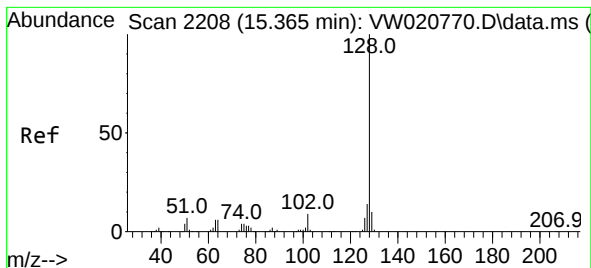
Tgt Ion:180 Resp: 108654
 Ion Ratio Lower Upper
 180 100
 182 92.7 75.4 113.0
 184 29.7 23.8 35.8
 145 28.5 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.193 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW020773.D
 Acq: 05 Nov 2021 11:20

Tgt Ion:180 Resp: 86507
 Ion Ratio Lower Upper
 180 100
 182 95.2 79.0 118.6
 145 30.0 26.0 39.0





#71

Naphthalene

Concen: 25.493 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

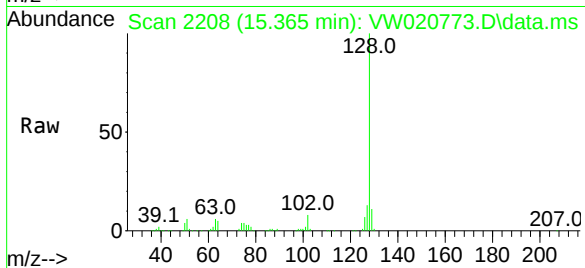
Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Instrument :

MSVOA_W

ClientSampleId :



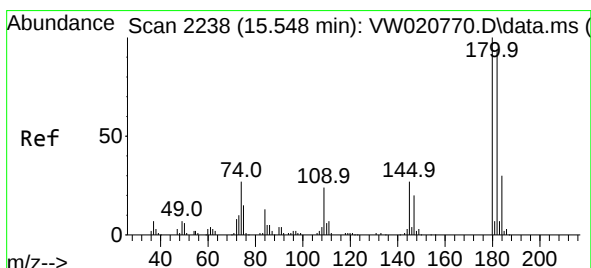
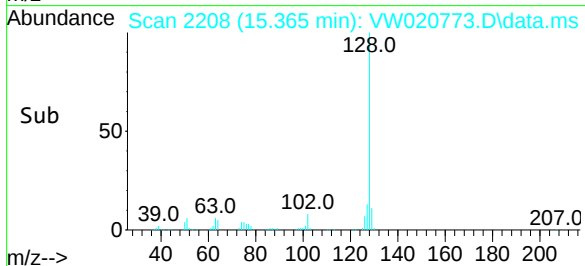
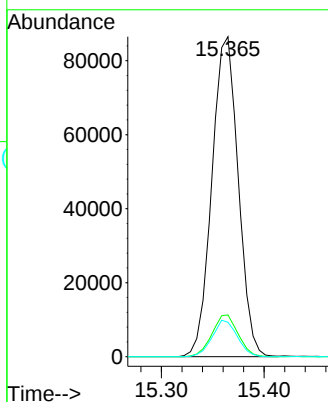
Tgt Ion:128 Resp: 154081

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.841 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW020773.D

Acq: 05 Nov 2021 11:20

Tgt Ion:180 Resp: 75481

Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

145 30.3 27.4 41.0

