

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020676.D
 Acq On : 21 Oct 2021 19:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 22 02:02:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 22 01:58:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	170198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	182319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	96638	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	62512	26.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.000%
7) Chloroethane-d5	2.879	69	22414	24.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	4.013	63	93008	21.132	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.520%
21) 2-Butanone-d5	7.080	46	32804	42.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.780%
24) Chloroform-d	7.647	84	108359	21.914	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.305	65	65301	22.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.080%
32) Benzene-d6	8.275	84	205305	19.430	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.720%
36) 1,2-Dichloropropane-d6	9.275	67	64936	18.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.680%
41) Toluene-d8	10.323	98	199427	21.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.080%
43) trans-1,3-Dichloroprop...	10.579	79	30227	20.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.480%
47) 2-Hexanone-d5	10.927	63	28182	45.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	71992	25.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	76076	23.066	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	22904	19.615	ug/L	99
3) Chloromethane	2.209	50	65095	28.086	ug/L	99
5) Vinyl chloride	2.355	62	81816	27.561	ug/L	100
6) Bromomethane	2.770	94	31709	28.012	ug/L	95
8) Chloroethane	2.916	64	20625	24.815	ug/L	98
9) Trichlorofluoromethane	3.251	101	35027	29.520	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	56659	23.483	ug/L	93
12) 1,1-Dichloroethene	4.038	96	51160	23.500	ug/L	88
13) Acetone	4.129	43	32056	45.472	ug/L	96
14) Carbon disulfide	4.379	76	155242	21.711	ug/L	99
15) Methyl Acetate	4.672	43	31105	22.158	ug/L	97
16) Methylene chloride	4.909	84	65884	21.464	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	56604	23.723	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	96720	27.445	ug/L	97
19) 1,1-Dichloroethane	6.214	63	108086	21.955	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	63136	25.771	ug/L	91
22) 2-Butanone	7.177	43	44103	46.940	ug/L	97
23) Bromochloromethane	7.513	128	30086	26.793	ug/L	83
25) Chloroform	7.677	83	114799	23.776	ug/L	100

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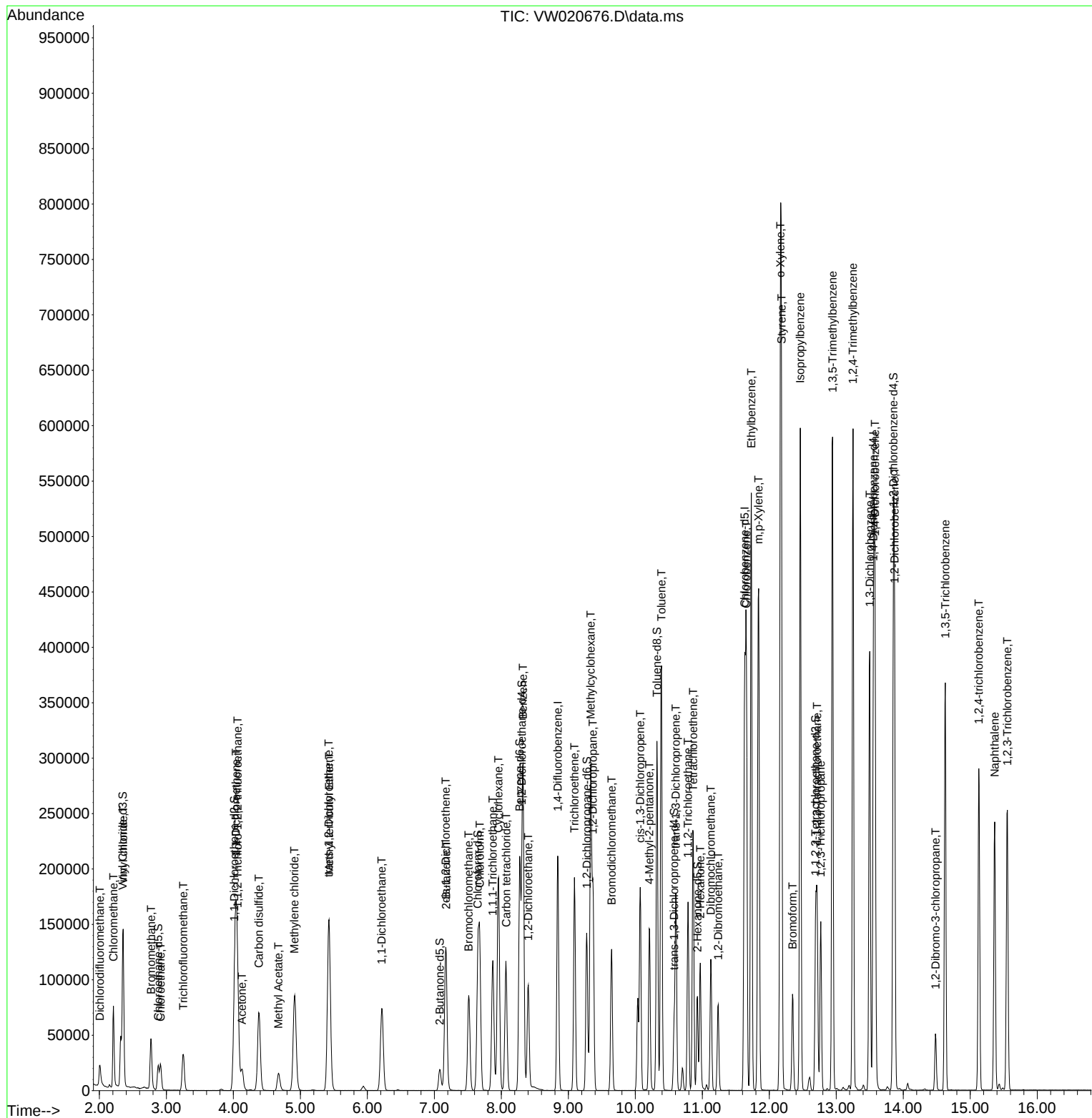
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	84654	24.501	ug/L	97
29) Cyclohexane	7.958	56	101266	20.138	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	92329	21.588	ug/L	98
31) Carbon tetrachloride	8.074	117	84100	22.179	ug/L	99
33) Benzene	8.324	78	253535	20.363	ug/L	100
34) Trichloroethene	9.092	95	64142	21.461	ug/L	98
35) Methylcyclohexane	9.336	83	111803	21.872	ug/L	94
37) 1,2-Dichloropropane	9.366	63	64812	20.444	ug/L #	97
38) Bromodichloromethane	9.646	83	84514	21.851	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	99912	22.737	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	95998	44.944	ug/L	96
42) Toluene	10.390	91	276796	22.616	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	93211	23.426	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	50603	23.428	ug/L	97
46) Tetrachloroethene	10.866	164	54772	24.395	ug/L	97
48) 2-Hexanone	10.969	43	74077	46.374	ug/L	98
49) Dibromochloromethane	11.128	129	60429	25.700	ug/L	99
50) 1,2-Dibromoethane	11.238	107	51736	25.921	ug/L #	98
51) Chlorobenzene	11.658	112	196275	25.816	ug/L	97
52) Ethylbenzene	11.731	91	362673	27.203	ug/L	98
53) m,p-Xylene	11.841	106	134183	27.272	ug/L	96
54) o-Xylene	12.164	106	129541	28.255	ug/L	92
55) Styrene	12.183	104	233839	29.050	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	78065	28.342	ug/L	99
59) Bromoform	12.347	173	38548	27.372	ug/L	99
60) Isopropylbenzene	12.463	105	347270	26.650	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	59665	27.026	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	293065	27.553	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	295533	27.782	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	145300	25.243	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	154065	25.874	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	138451	26.492	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	13508	27.204	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	104025	25.863	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	83574	25.936	ug/L	99
71) Naphthalene	15.365	128	187419	30.052	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	80079	27.277	ug/L	97

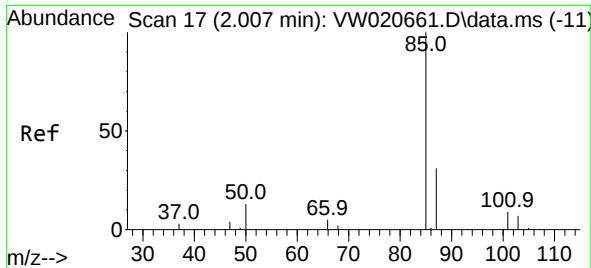
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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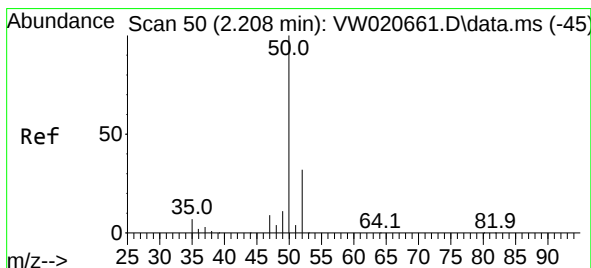
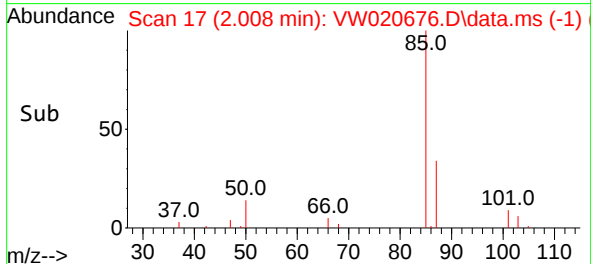
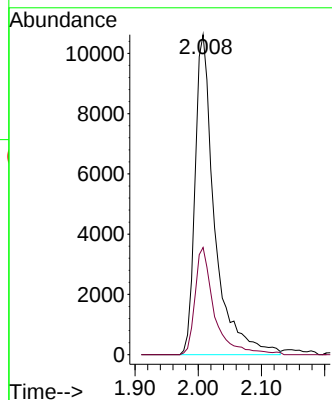
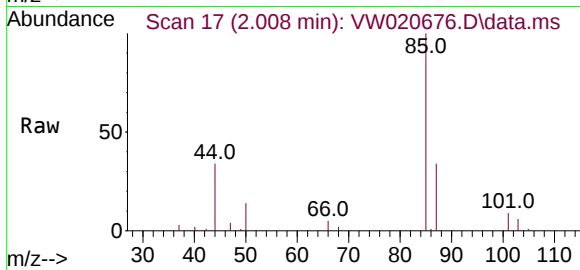




#2
Dichlorodifluoromethane
Concen: 19.615 ug/L
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

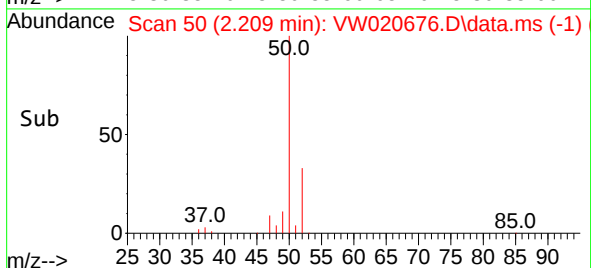
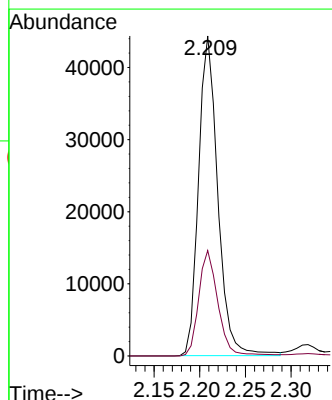
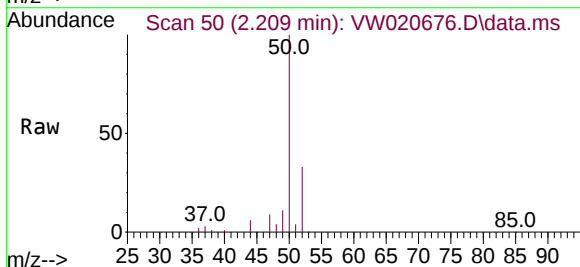
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MSVOA_W
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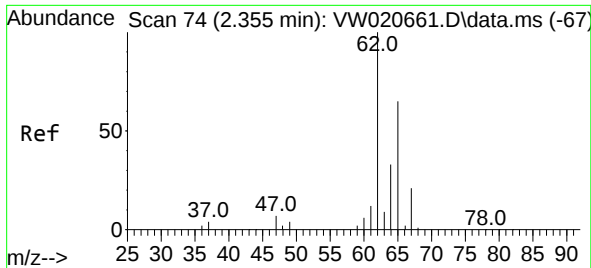
Tgt Ion: 85 Resp: 22904
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 28.086 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 50 Resp: 65095
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

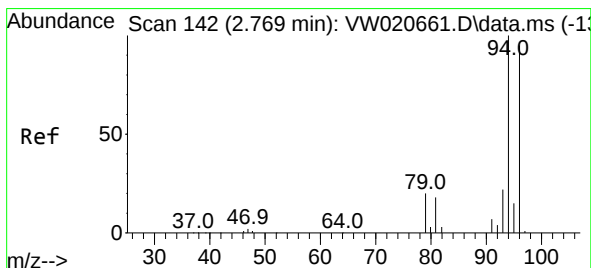
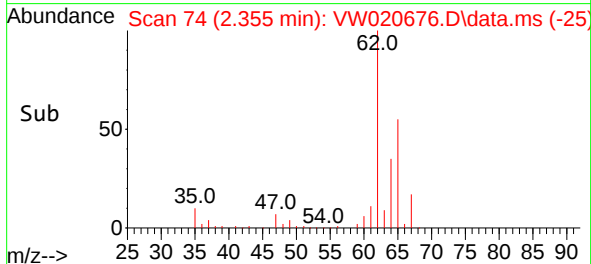
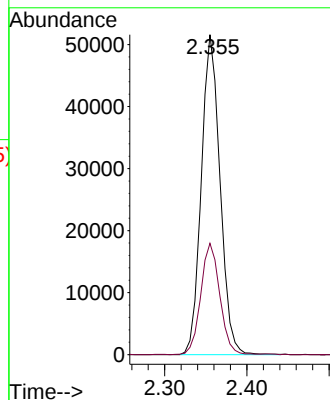
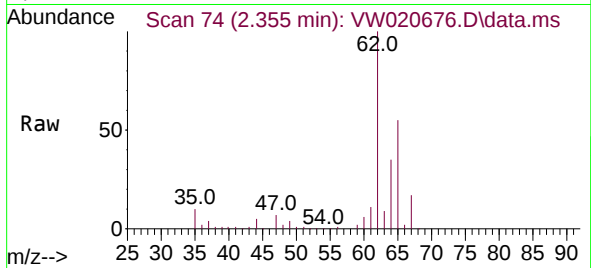




#5
 Vinyl chloride
 Concen: 27.561 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW020676.D
 Acq: 21 Oct 2021 19:05

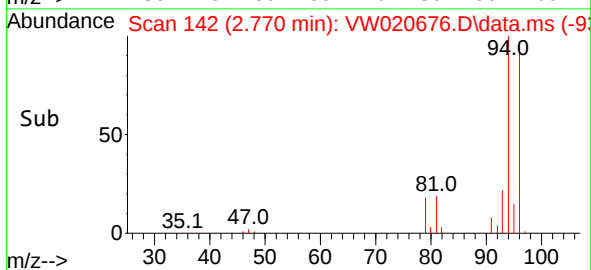
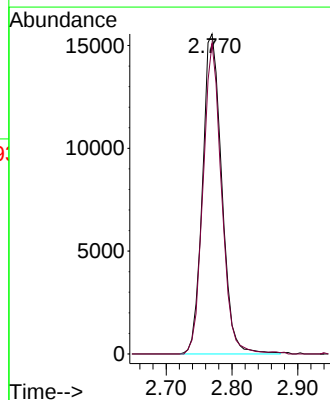
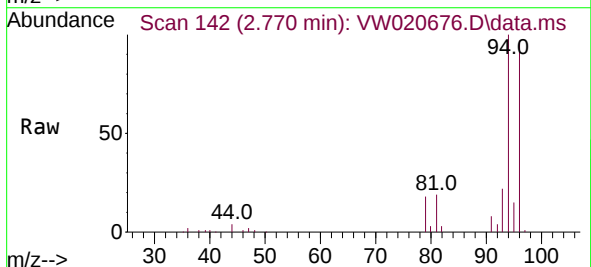
Instrument :
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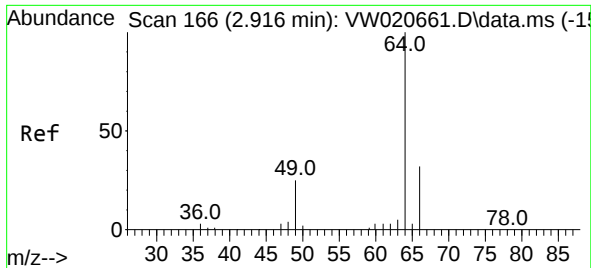
Tgt Ion: 62 Resp: 81816
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.4 45.2



#6
 Bromomethane
 Concen: 28.012 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW020676.D
 Acq: 21 Oct 2021 19:05

Tgt Ion: 94 Resp: 31709
 Ion Ratio Lower Upper
 94 100
 96 97.1 64.8 120.4

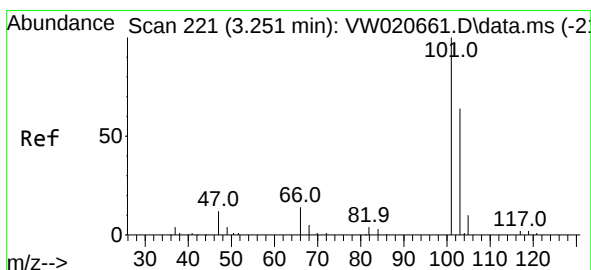
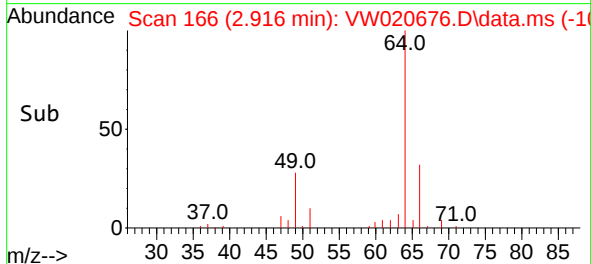
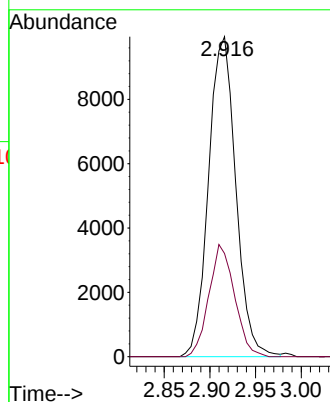
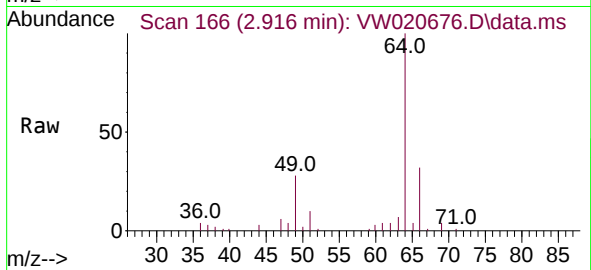




#8
Chloroethane
Concen: 24.815 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

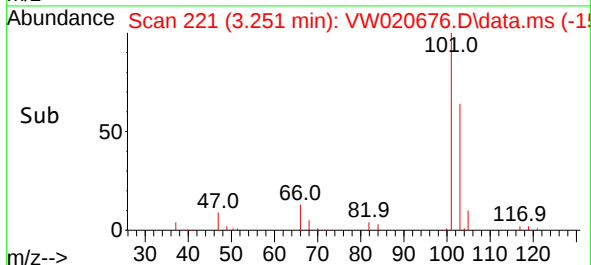
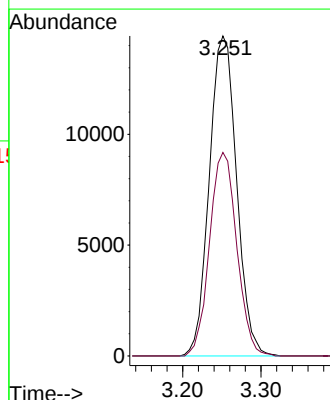
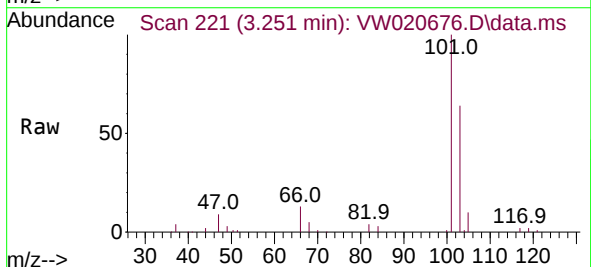
Instrument :
MSVOA_W
ClientSampled :

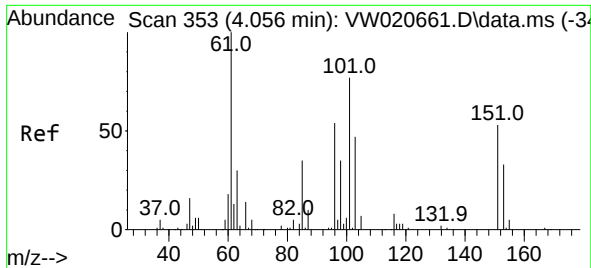
Tgt Ion: 64 Resp: 20625
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 29.520 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:101 Resp: 35027
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

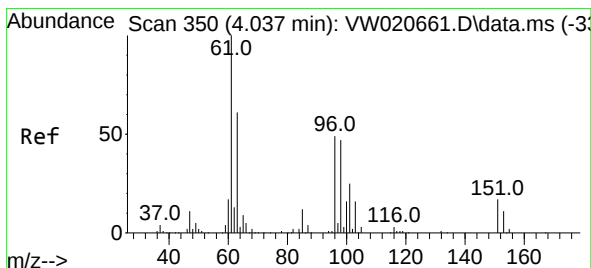
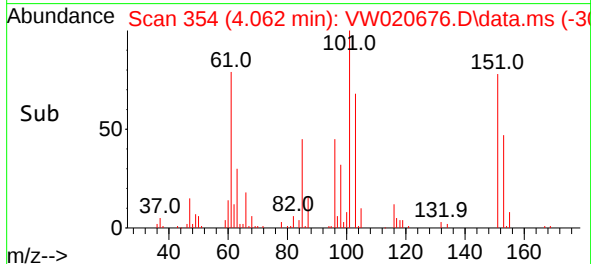
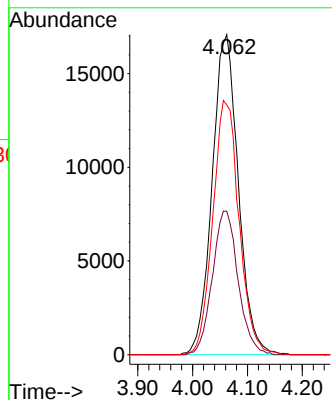
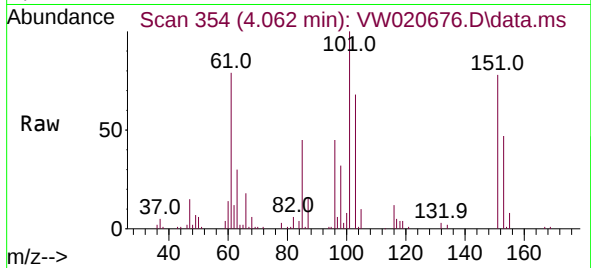




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.483 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW020676.D
 Acq: 21 Oct 2021 19:05

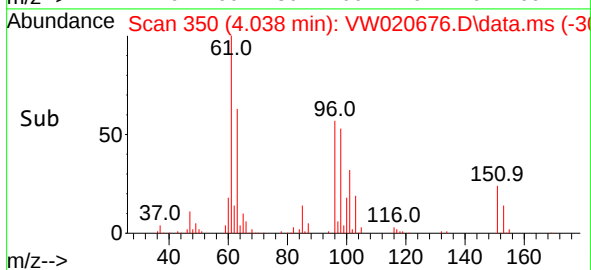
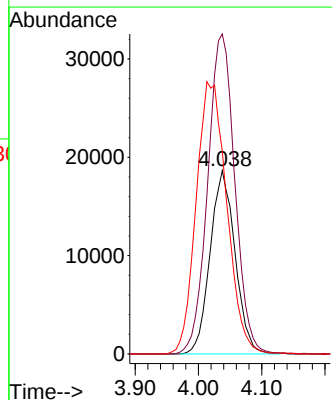
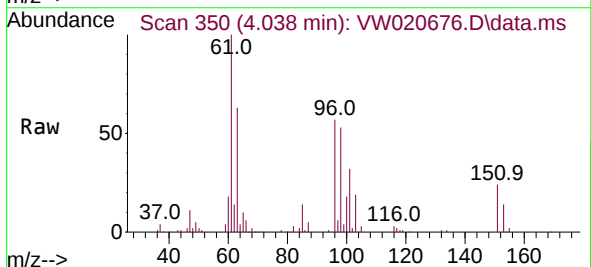
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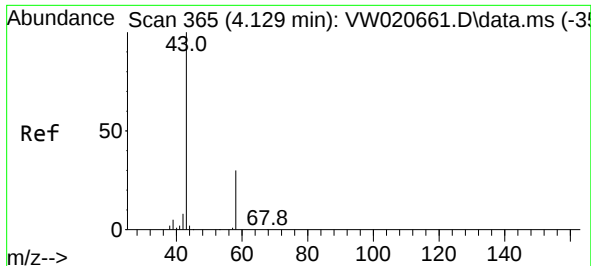
Tgt Ion:101 Resp: 56659
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 79.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.500 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW020676.D
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Tgt Ion: 96 Resp: 51160
 Ion Ratio Lower Upper
 96 100
 61 174.5 138.3 256.9
 63 110.8 82.6 153.4

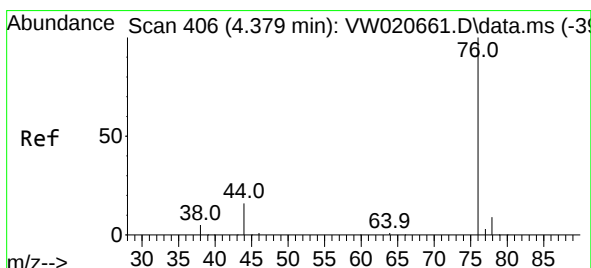
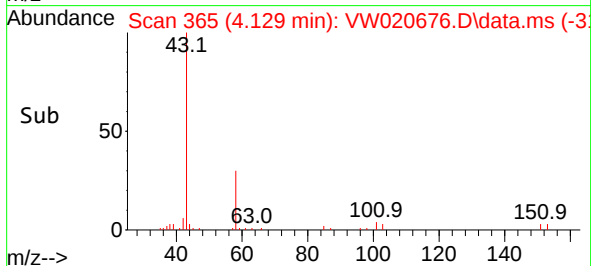
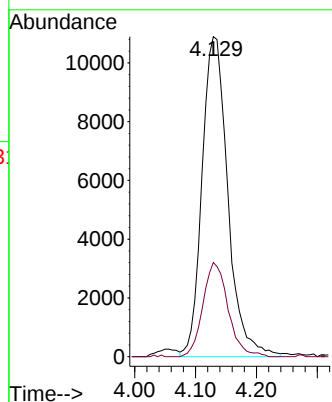
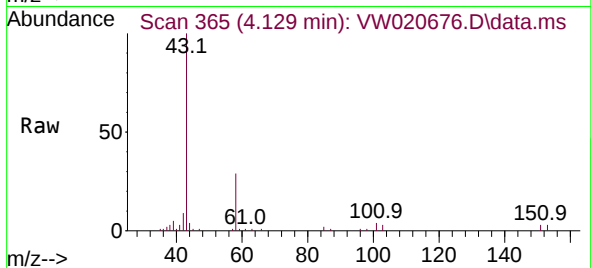




#13
Acetone
Concen: 45.472 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

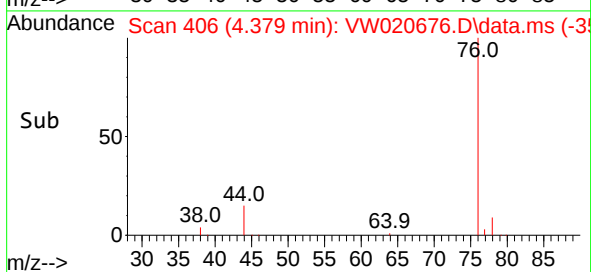
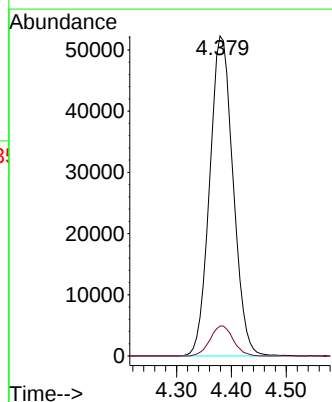
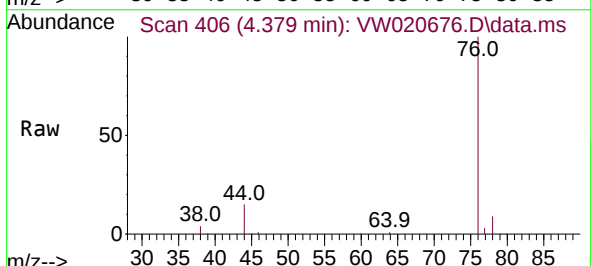
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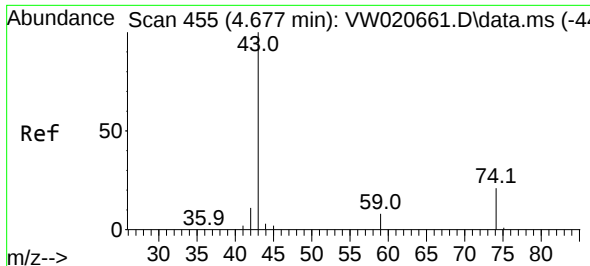
Tgt Ion: 43 Resp: 32056
Ion Ratio Lower Upper
43 100
58 28.4 0.0 52.8



#14
Carbon disulfide
Concen: 21.711 ug/L
RT: 4.379 min Scan# 406
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Tgt Ion: 76 Resp: 155242
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

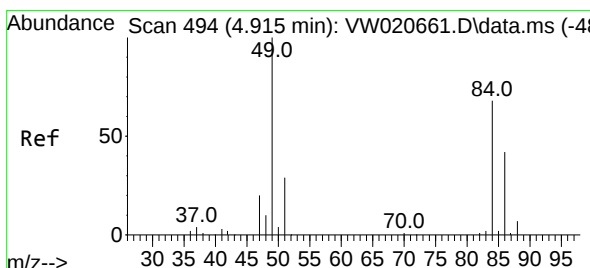
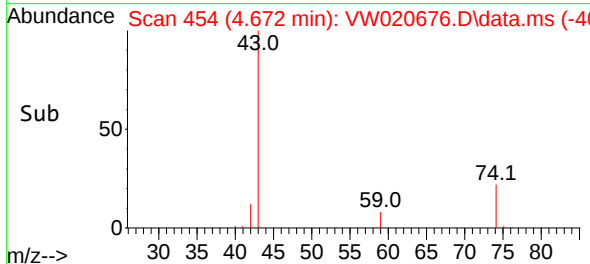
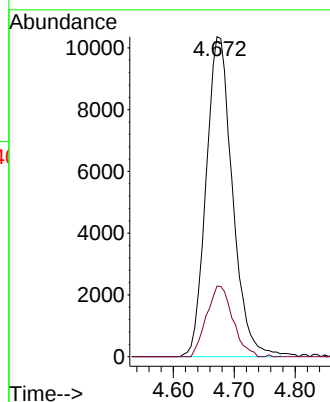
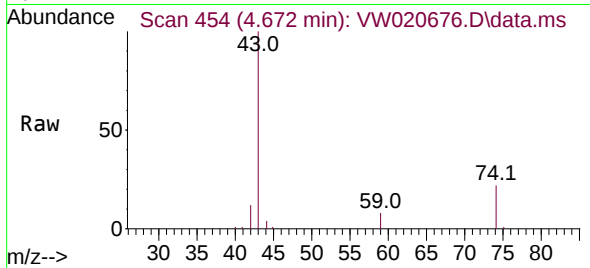




#15
Methyl Acetate
Concen: 22.158 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

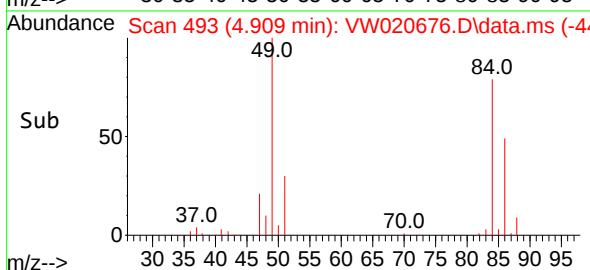
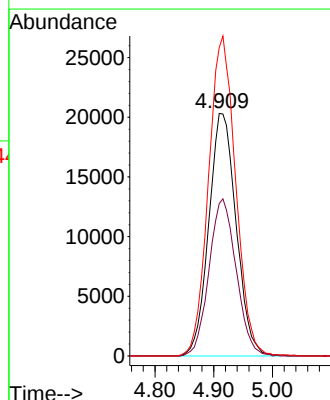
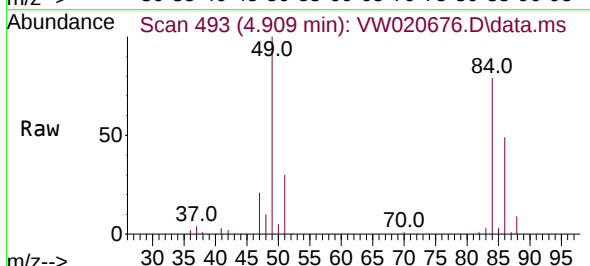
Instrument :
MSVOA_W
ClientSampled :

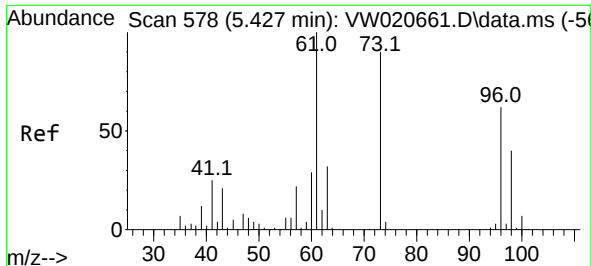
Tgt Ion: 43 Resp: 31105
Ion Ratio Lower Upper
43 100
74 22.0 16.4 24.6



#16
Methylene chloride
Concen: 21.464 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 84 Resp: 65884
Ion Ratio Lower Upper
84 100
86 62.9 45.5 84.5
49 127.1 100.5 186.7



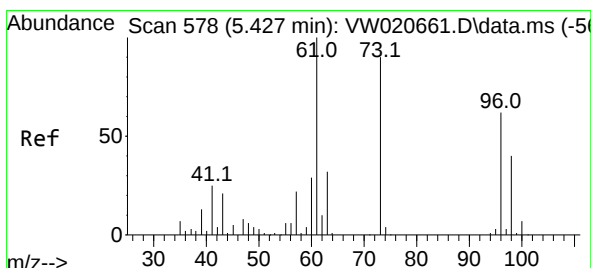
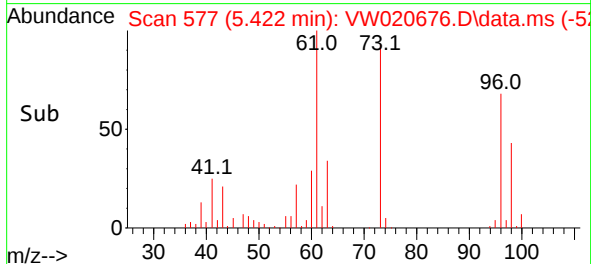
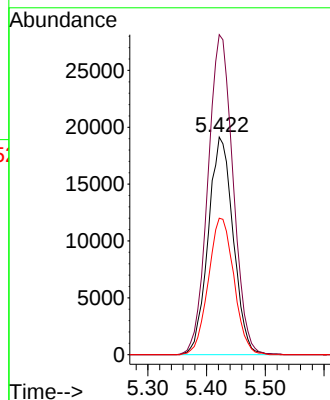
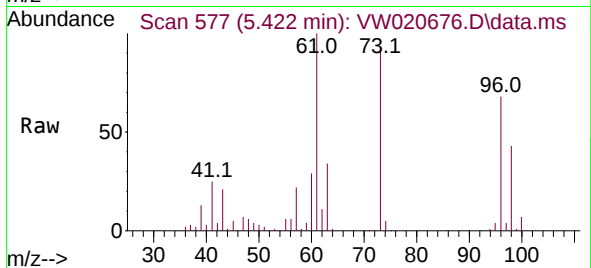


#17

trans-1,2-Dichloroethene
Concen: 23.723 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Instrument :
MSVOA_W
ClientSampled :

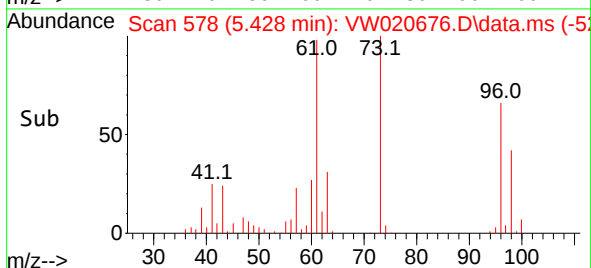
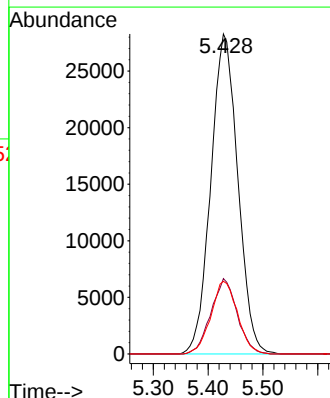
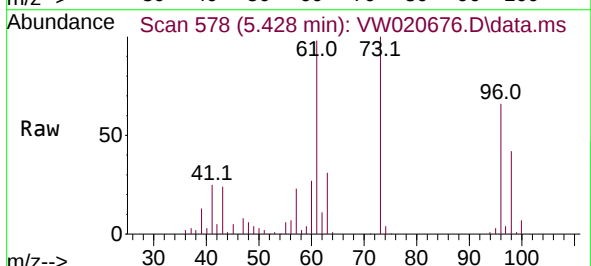
Tgt Ion: 96 Resp: 56604
Ion Ratio Lower Upper
96 100
61 147.0 107.4 199.4
98 62.7 41.2 76.6

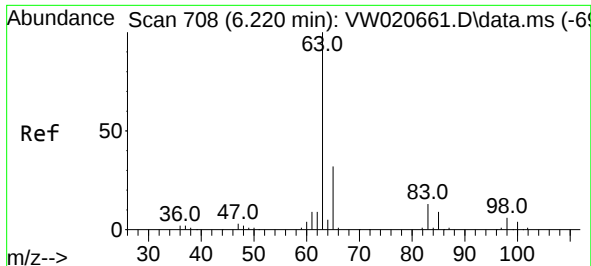


#18

Methyl tert-butyl Ether
Concen: 27.445 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 73 Resp: 96720
Ion Ratio Lower Upper
73 100
43 22.8 19.5 29.3
57 22.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 21.955 ug/L

RT: 6.214 min Scan# 707

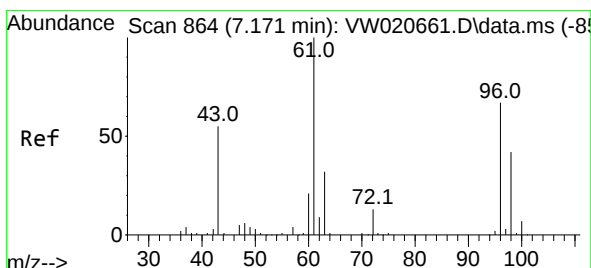
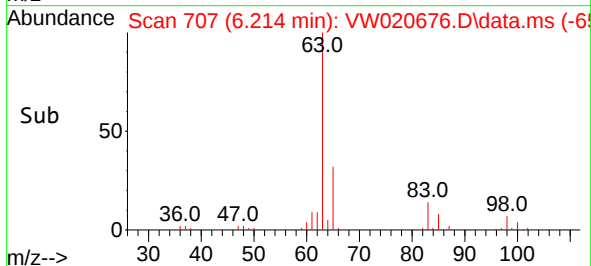
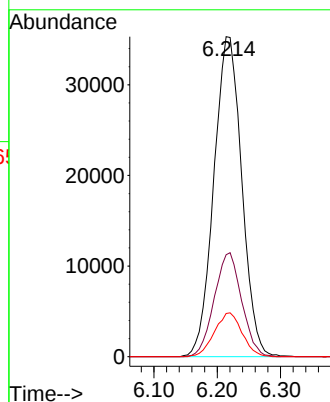
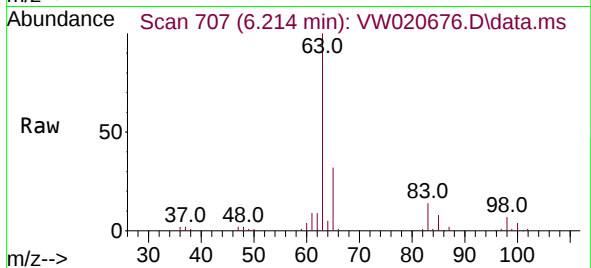
Delta R.T. -0.006 min

Lab File: VW020676.D

Acq: 21 Oct 2021 19:05

Tgt Ion:	63	Resp:	108086
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.1	41.1
83	13.5	9.2	17.2

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 25.771 ug/L

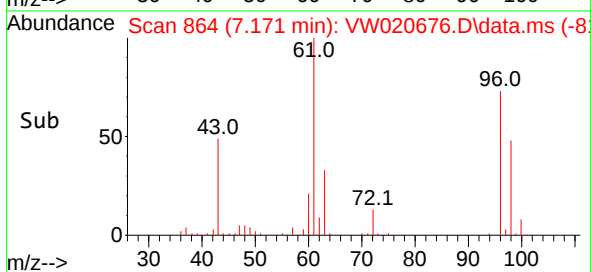
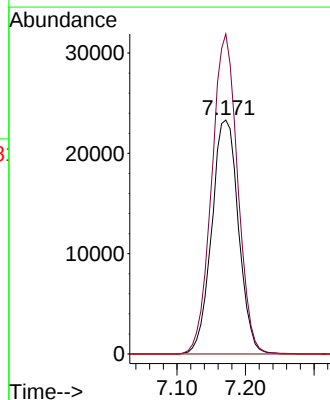
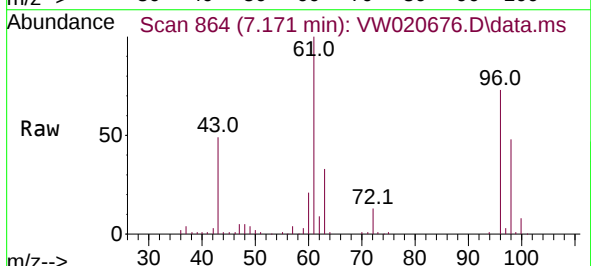
RT: 7.171 min Scan# 864

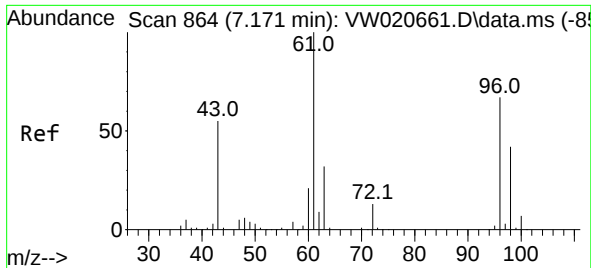
Delta R.T. 0.000 min

Lab File: VW020676.D

Acq: 21 Oct 2021 19:05

Tgt Ion:	96	Resp:	63136
Ion	Ratio	Lower	Upper
96	100		
61	136.8	103.7	192.7
68	0.0	0.0	0.0

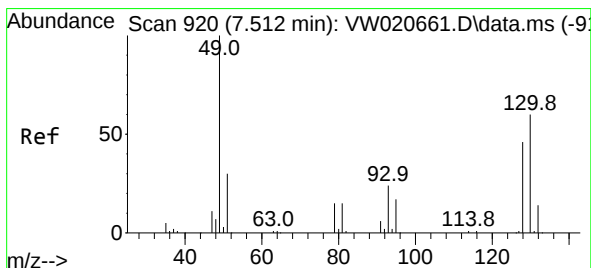
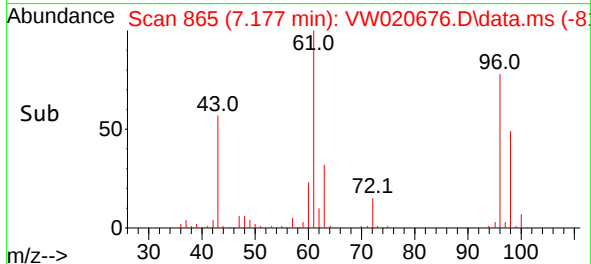
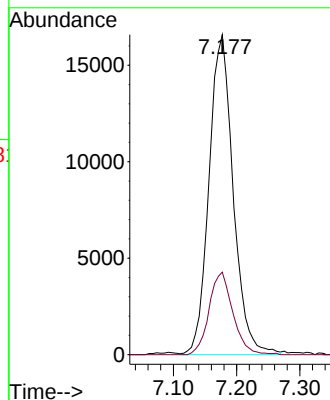
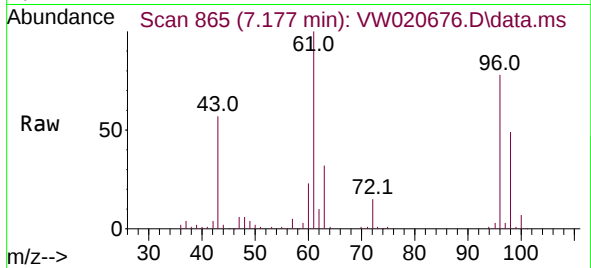




#22
2-Butanone
Concen: 46.940 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

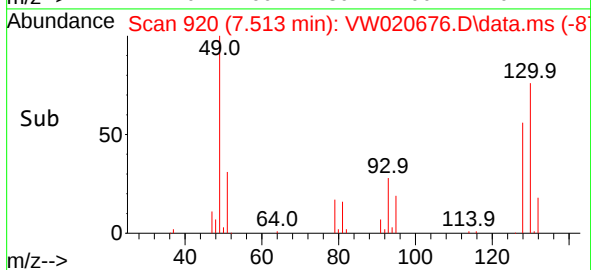
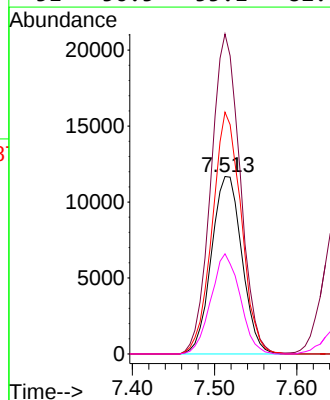
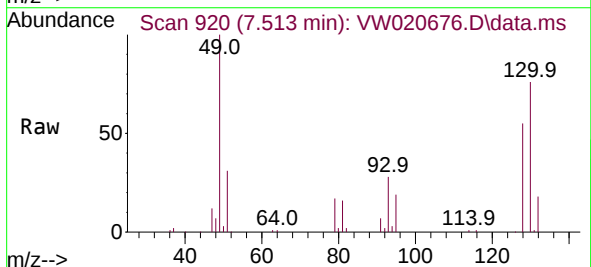
Instrument :
MSVOA_W
ClientSampled :

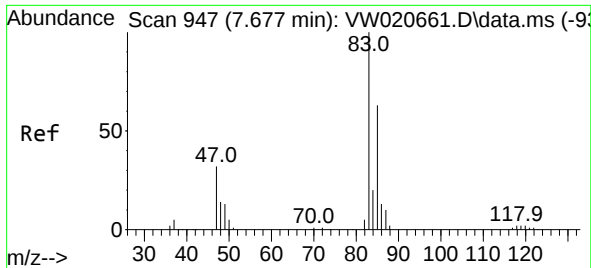
Tgt Ion: 43 Resp: 44103
Ion Ratio Lower Upper
43 100
72 25.2 11.8 35.4



#23
Bromochloromethane
Concen: 26.793 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 128 Resp: 30086
Ion Ratio Lower Upper
128 100
49 180.3 150.3 279.1
130 136.3 88.3 163.9
51 56.5 55.1 82.7

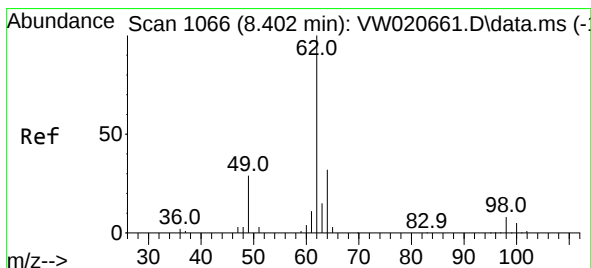
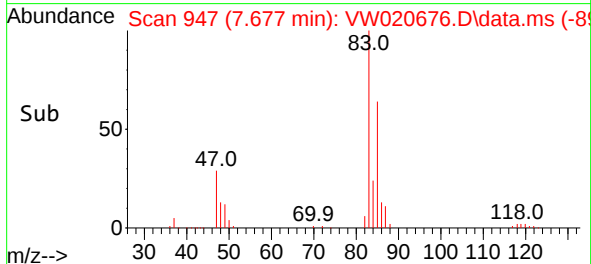
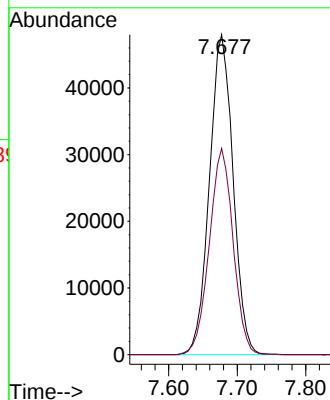
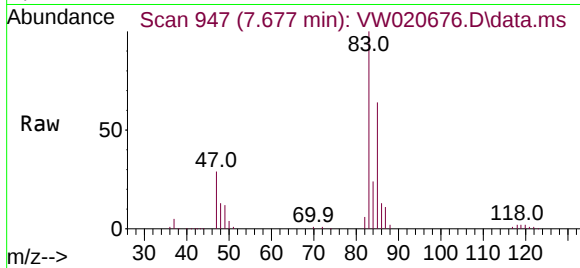




#25
Chloroform
Concen: 23.776 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

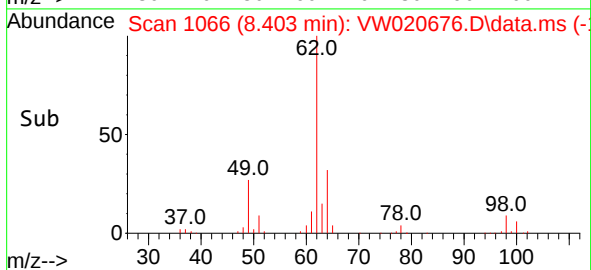
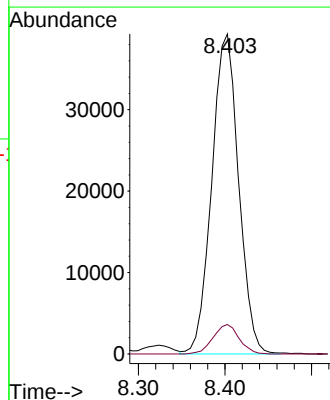
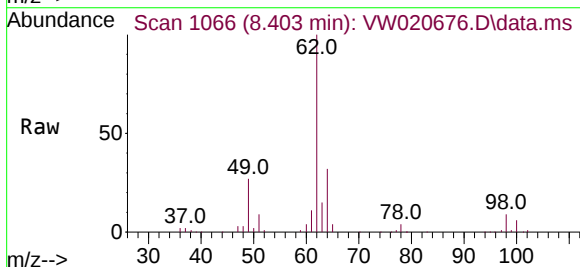
Instrument :
MSVOA_W
ClientSampled :

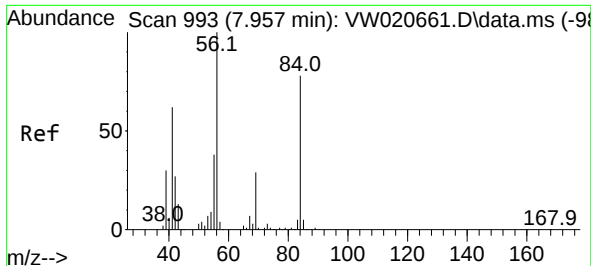
Tgt Ion: 83 Resp: 114799
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.501 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 62 Resp: 84654
Ion Ratio Lower Upper
62 100
98 9.2 6.5 9.7





#29

Cyclohexane

Concen: 20.138 ug/L

RT: 7.958 min Scan# 993

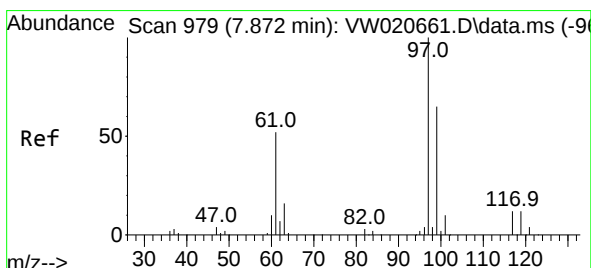
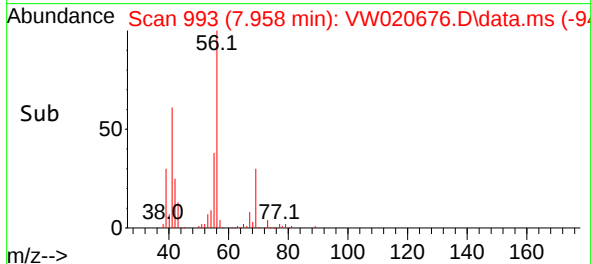
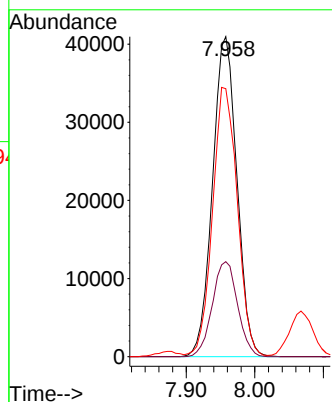
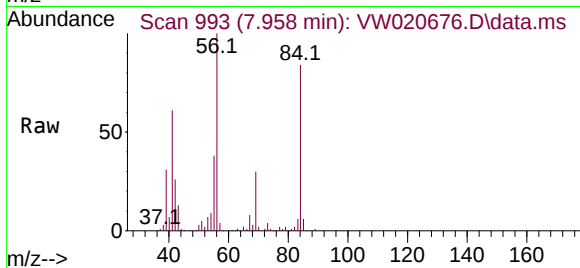
Delta R.T. 0.000 min

Lab File: VW020676.D

Acq: 21 Oct 2021 19:05

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 56	Resp: 101266
Ion Ratio	Lower Upper
56	100
69	30.7 23.5 35.3
84	85.6 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 21.588 ug/L

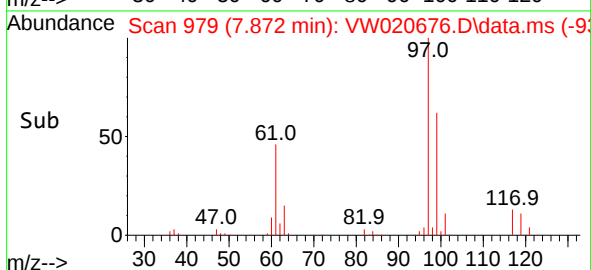
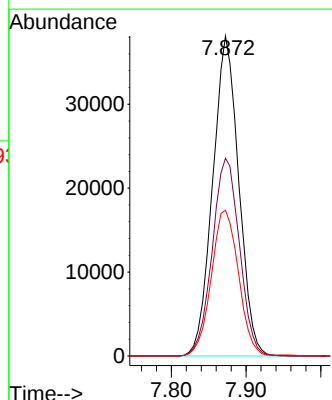
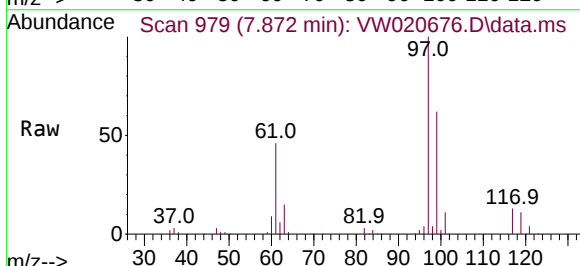
RT: 7.872 min Scan# 979

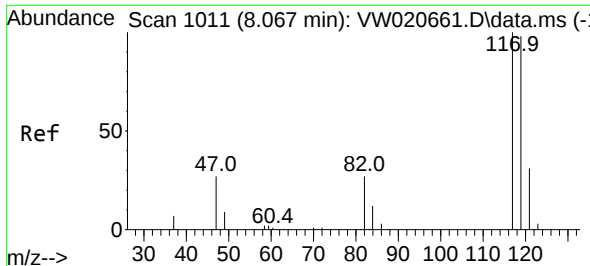
Delta R.T. 0.000 min

Lab File: VW020676.D

Acq: 21 Oct 2021 19:05

Tgt Ion: 97	Resp: 92329
Ion Ratio	Lower Upper
97	100
99	64.6 51.6 77.4
61	47.7 40.9 61.3

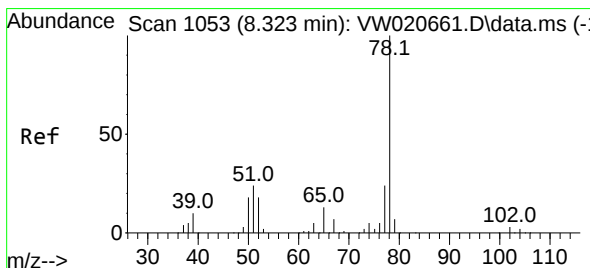
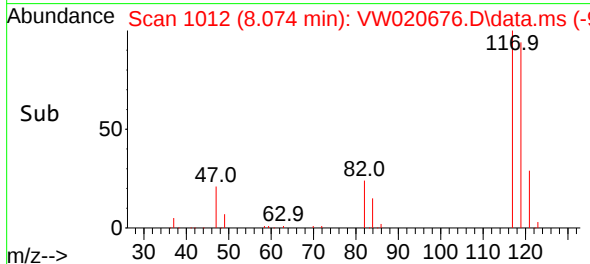
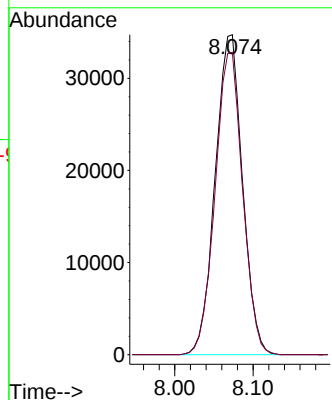
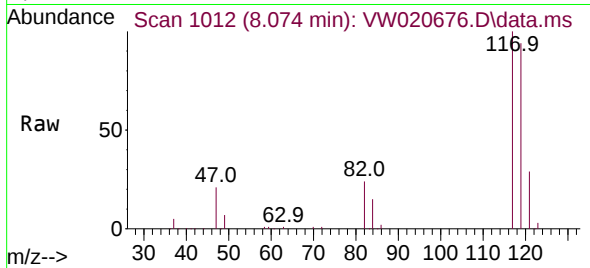




#31
Carbon tetrachloride
Concen: 22.179 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

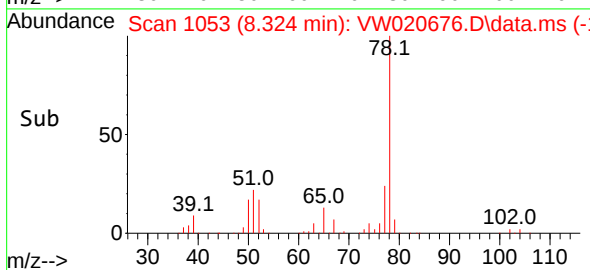
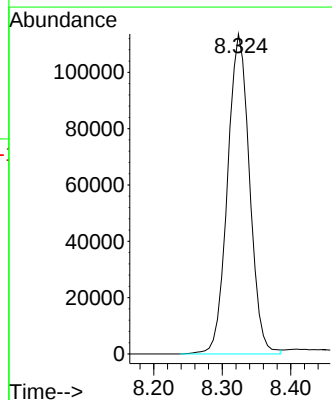
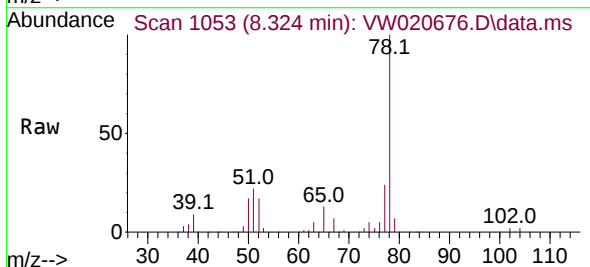
Instrument :
MSVOA_W
ClientSampled :

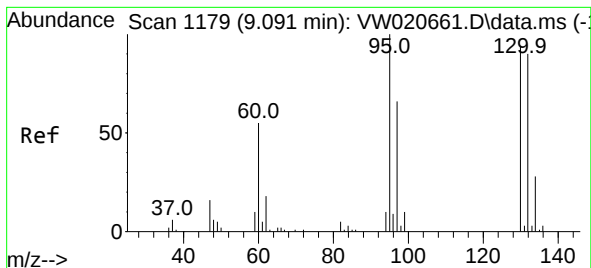
Tgt Ion:117 Resp: 84100
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 20.363 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 78 Resp: 253535



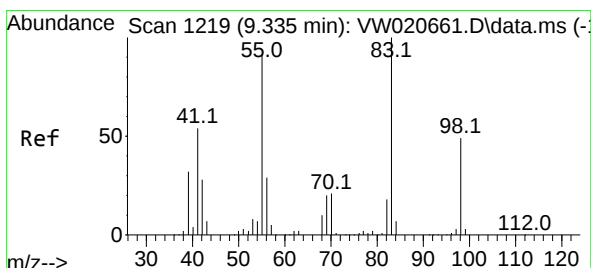
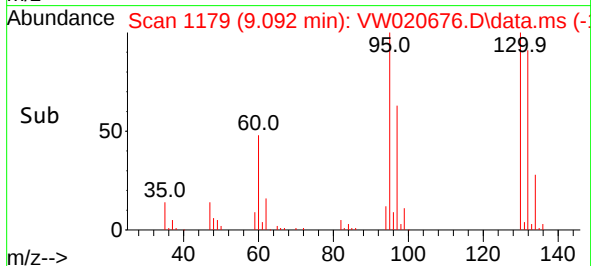
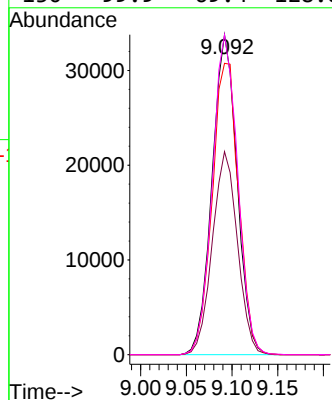
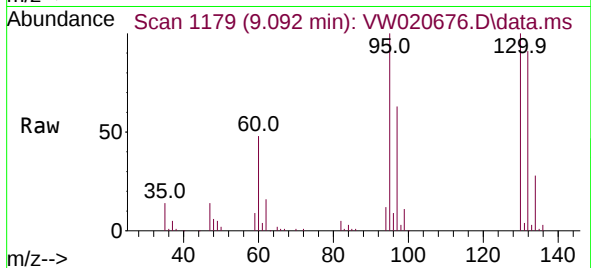


#34
Trichloroethene
Concen: 21.461 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 64142

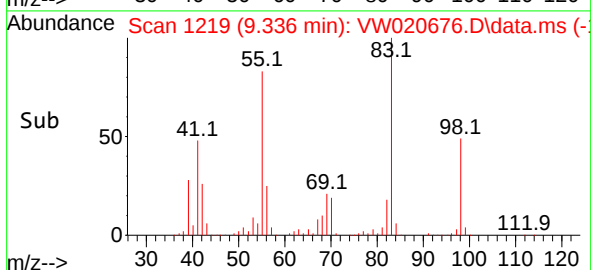
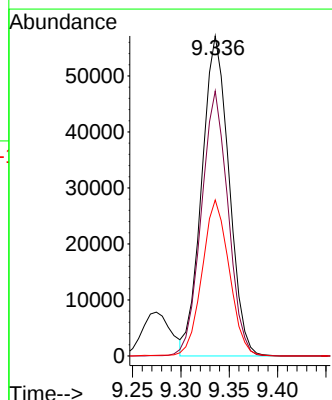
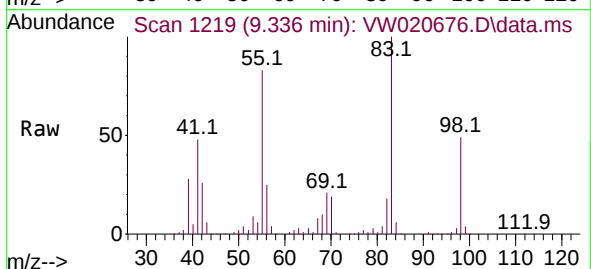
Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.0	87.2
132	91.0	65.5	121.6
130	99.9	69.4	128.8

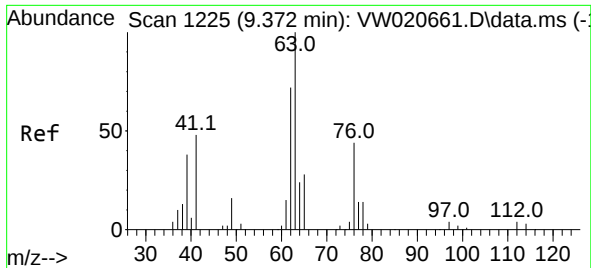


#35
Methylcyclohexane
Concen: 21.872 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 83 Resp: 111803

Ion	Ratio	Lower	Upper
83	100		
55	81.3	70.8	106.2
98	48.5	37.7	56.5

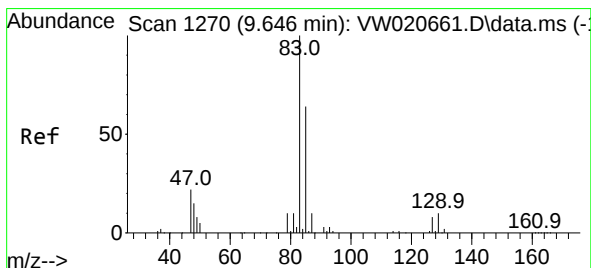
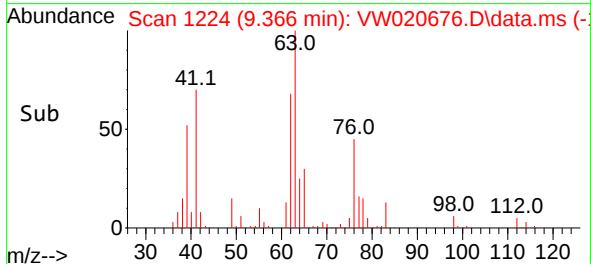
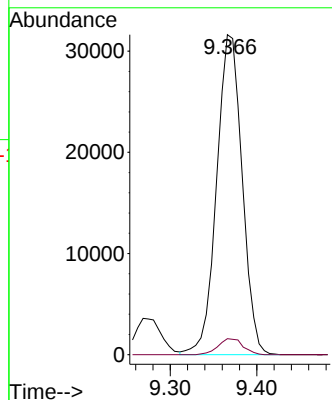
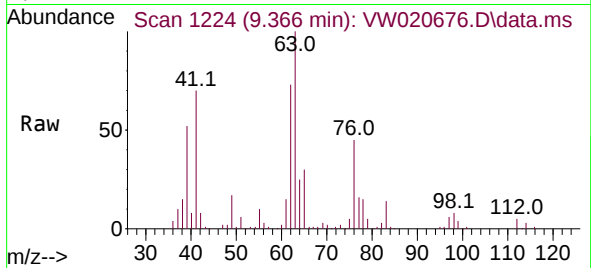




#37
1,2-Dichloropropane
Concen: 20.444 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

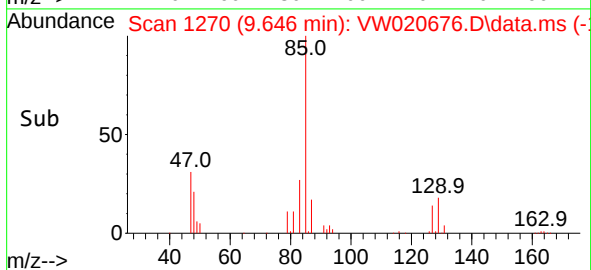
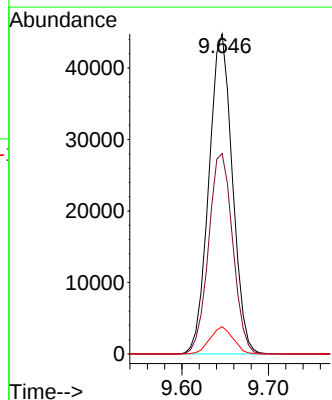
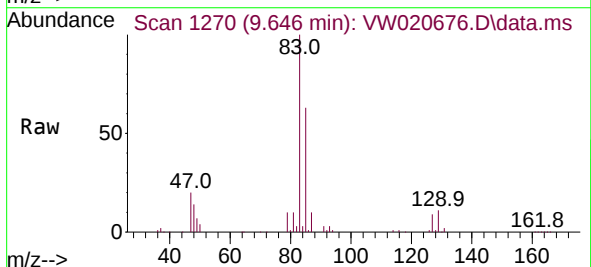
Instrument :
MSVOA_W
ClientSampled :

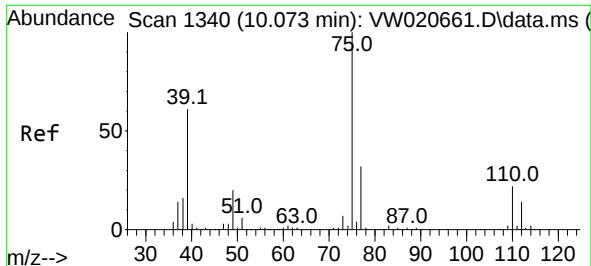
Tgt Ion: 63 Resp: 64812
Ion Ratio Lower Upper
63 100
112 4.9 3.2 4.8#



#38
Bromodichloromethane
Concen: 21.851 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 83 Resp: 84514
Ion Ratio Lower Upper
83 100
85 62.7 44.1 81.9
127 8.5 6.1 9.1

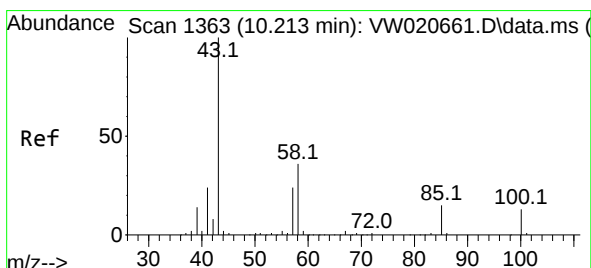
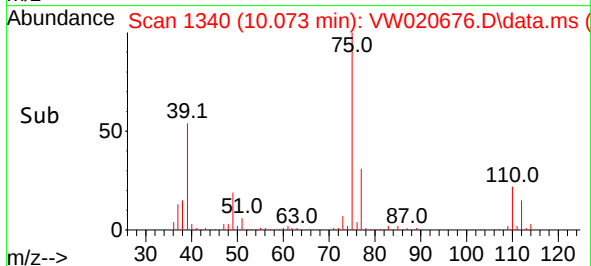
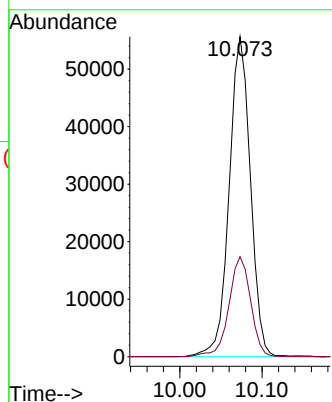
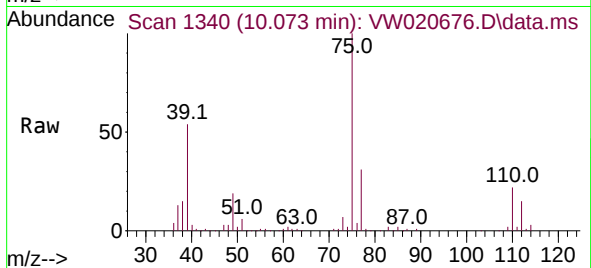




#39
cis-1,3-Dichloropropene
Concen: 22.737 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

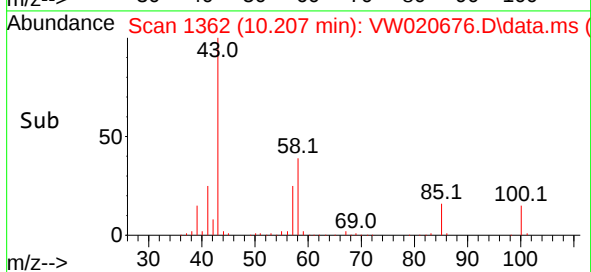
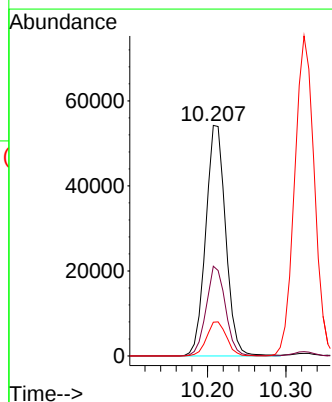
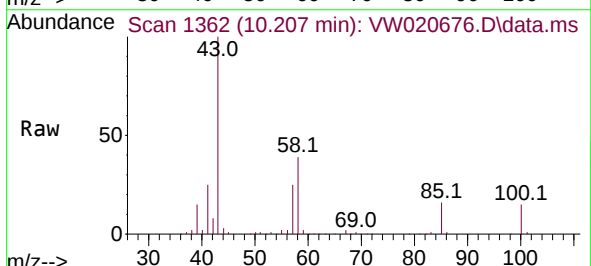
Instrument :
MSVOA_W
ClientSampled :

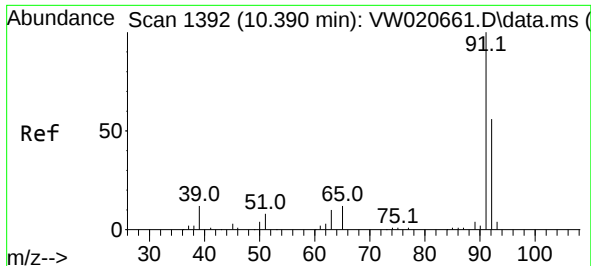
Tgt Ion: 75 Resp: 99912
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 44.944 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 43 Resp: 95998
Ion Ratio Lower Upper
43 100
58 37.7 28.8 43.2
100 14.7 10.0 15.0

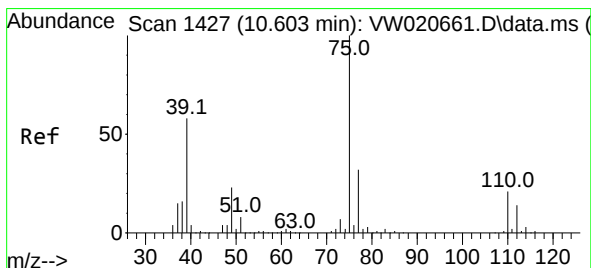
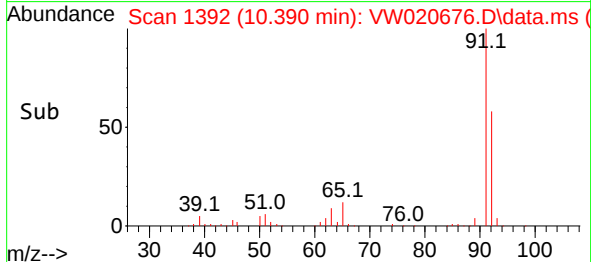
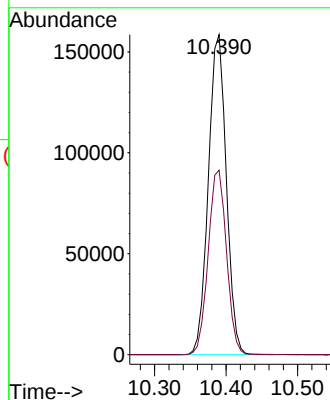
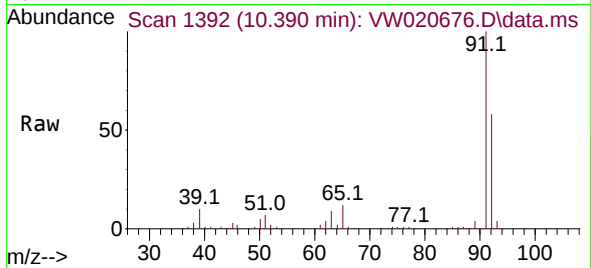




#42
Toluene
Concen: 22.616 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

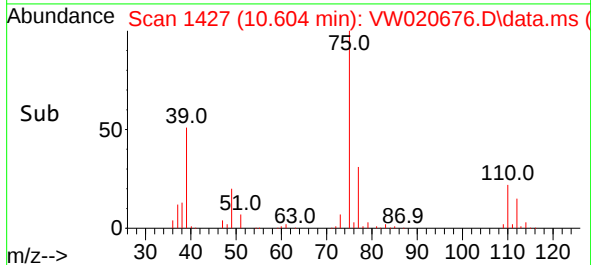
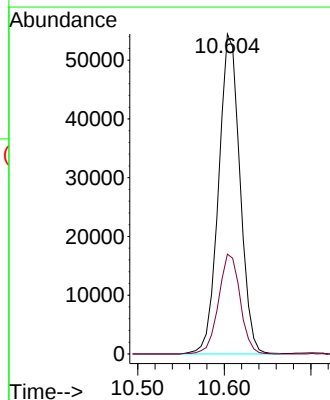
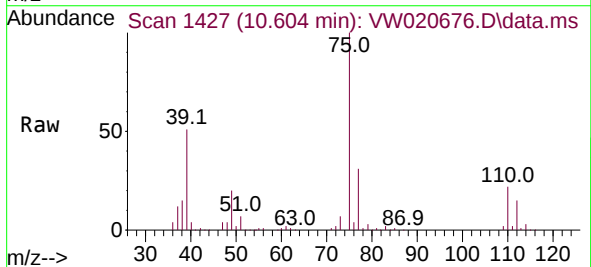
Instrument :
MSVOA_W
ClientSampled :

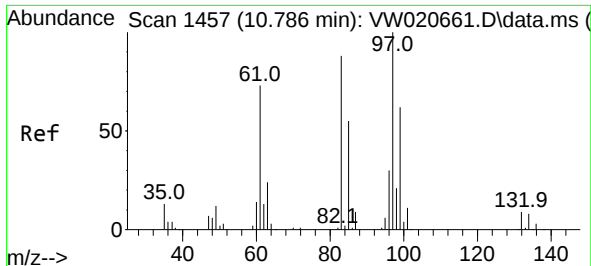
Tgt Ion: 91 Resp: 276796
Ion Ratio Lower Upper
91 100
92 57.7 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.426 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 75 Resp: 93211
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



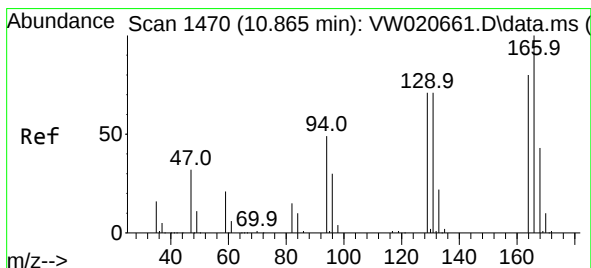
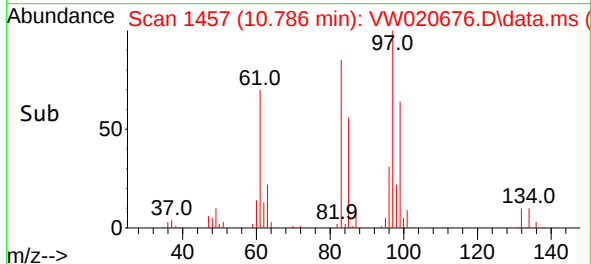
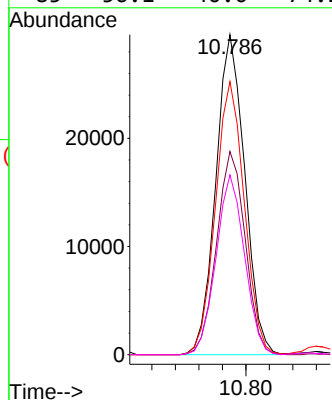
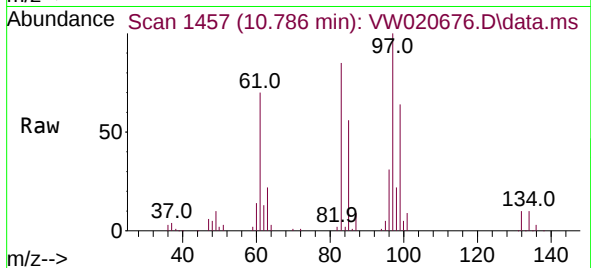


#45
1,1,2-Trichloroethane
Concen: 23.428 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 50603

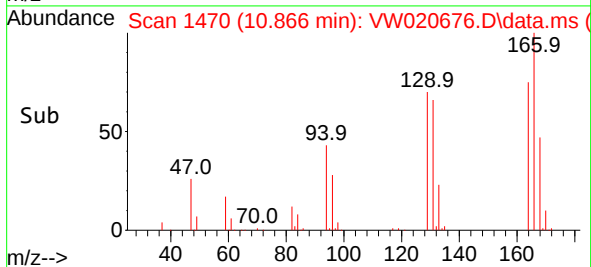
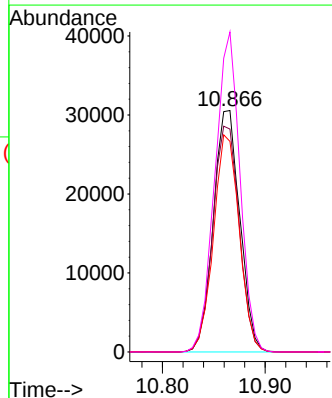
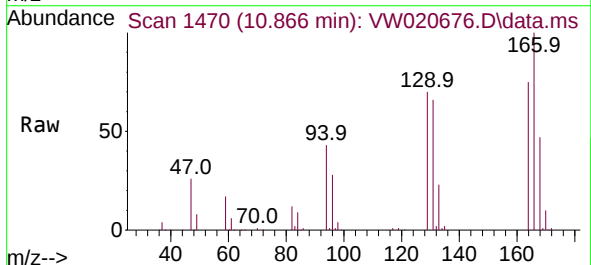
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.0	79.8
83	85.4	62.6	116.3
85	56.1	40.0	74.2

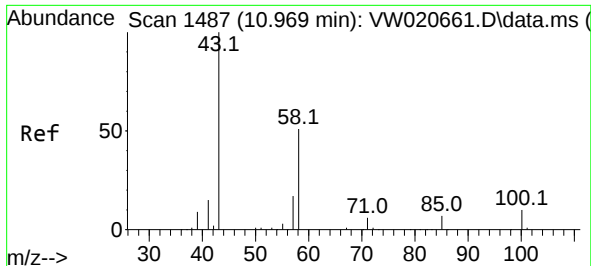


#46
Tetrachloroethene
Concen: 24.395 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 164 Resp: 54772

Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.5	121.7
131	87.2	59.7	110.9
166	132.6	88.7	164.7

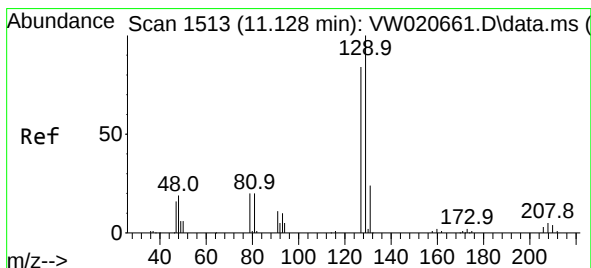
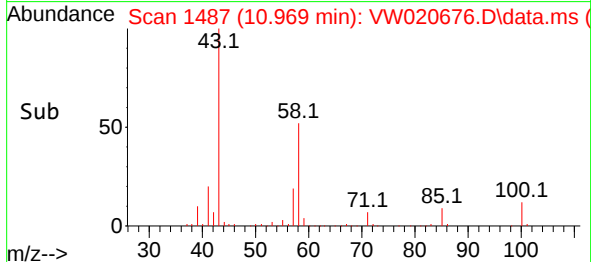
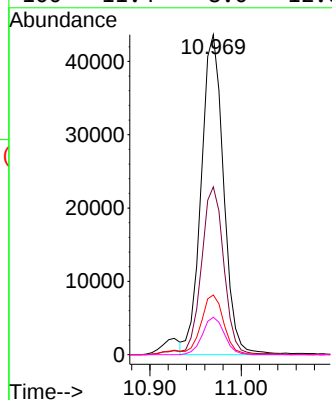
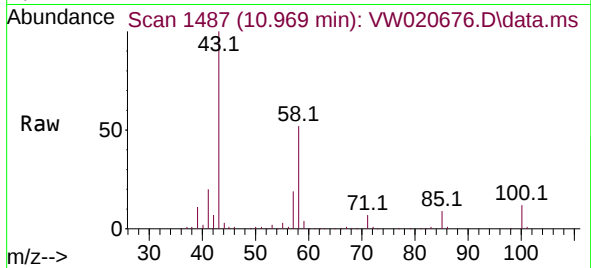




#48
2-Hexanone
Concen: 46.374 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

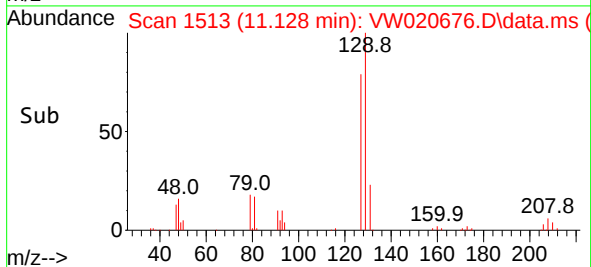
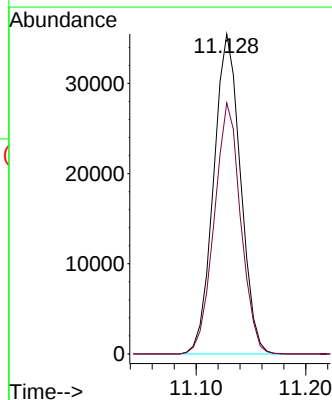
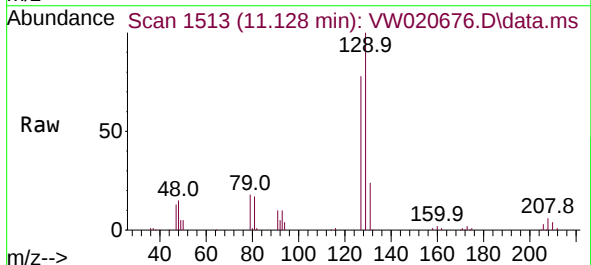
Instrument :
MSVOA_W
ClientSampled :

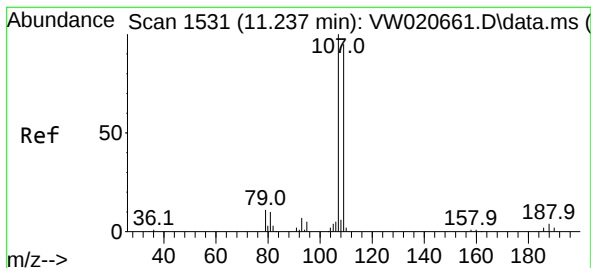
Tgt Ion:	43	Resp:	74077
Ion	Ratio	Lower	Upper
43	100		
58	51.6	40.2	60.2
57	18.9	14.3	21.5
100	11.4	8.0	12.0



#49
Dibromochloromethane
Concen: 25.700 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:	129	Resp:	60429
Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.7	103.5

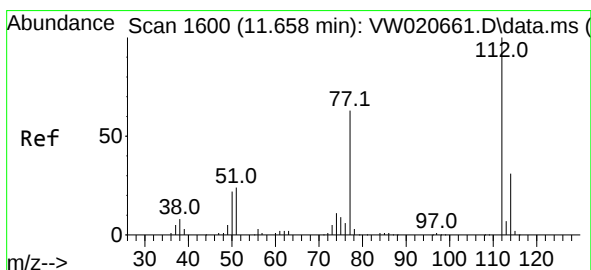
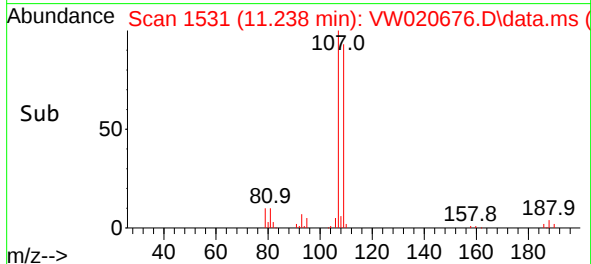
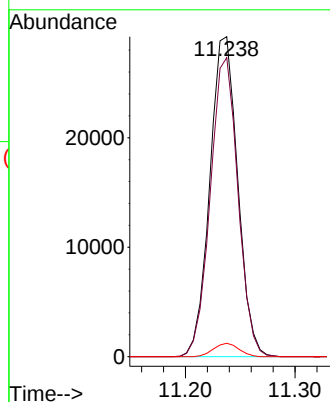
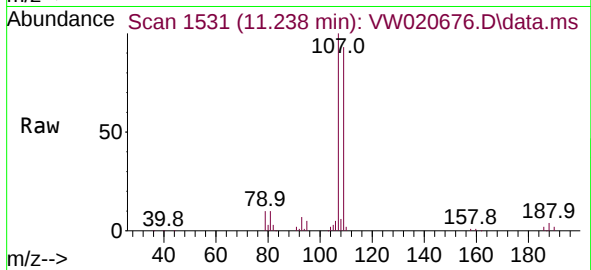




#50
1,2-Dibromoethane
Concen: 25.921 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

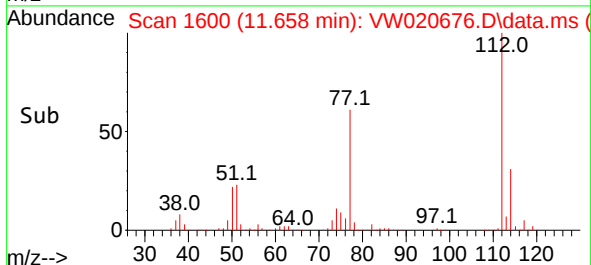
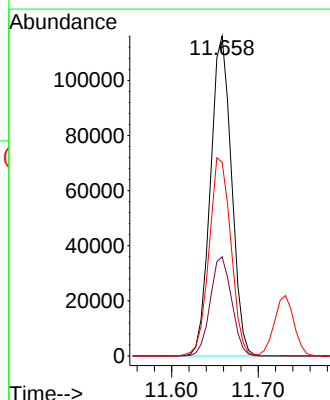
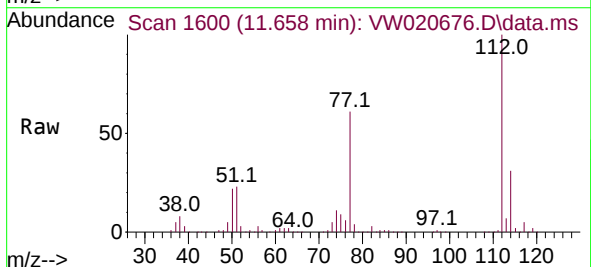
Instrument :
MSVOA_W
ClientSampleId :

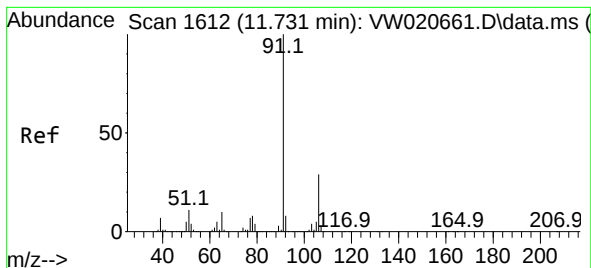
Tgt Ion:107 Resp: 51736
Ion Ratio Lower Upper
107 100
109 93.5 64.1 119.1
188 4.2 2.6 3.8#



#51
Chlorobenzene
Concen: 25.816 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:112 Resp: 196275
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 60.5 50.2 75.4

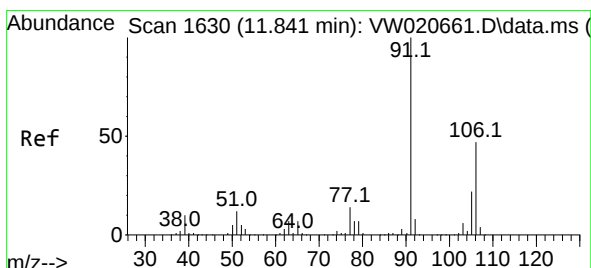
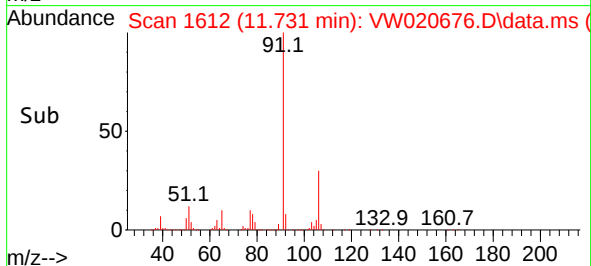
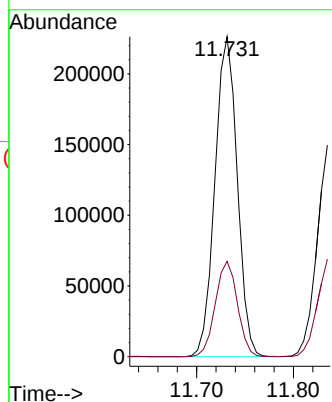
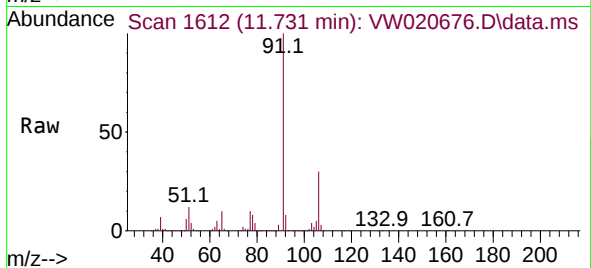




#52
Ethylbenzene
Concen: 27.203 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

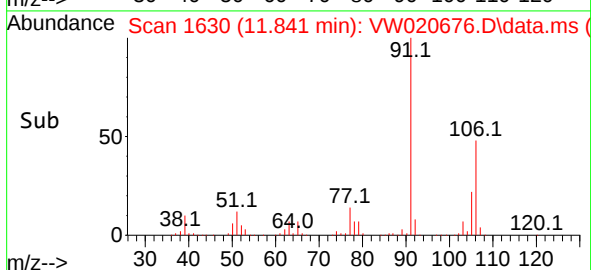
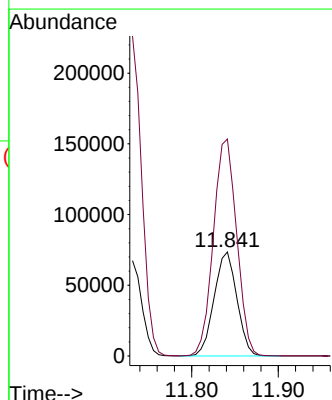
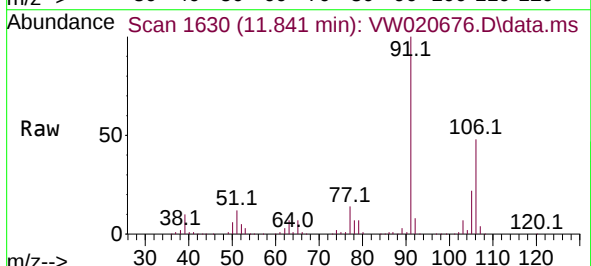
Instrument :
MSVOA_W
ClientSampled :

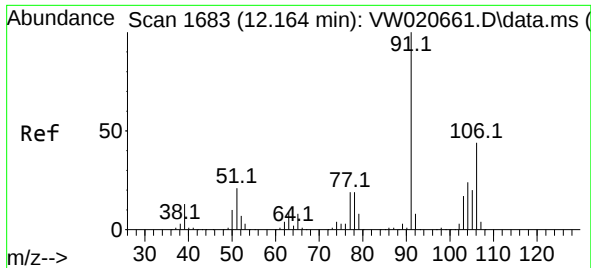
Tgt Ion: 91 Resp: 362673
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 27.272 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 106 Resp: 134183
Ion Ratio Lower Upper
106 100
91 208.4 149.9 278.3

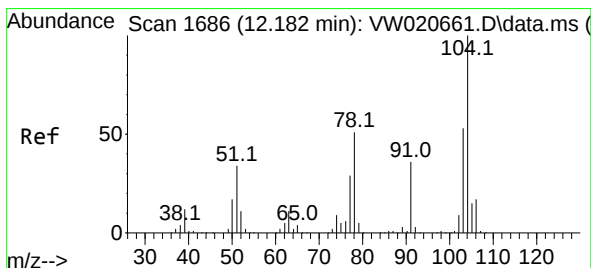
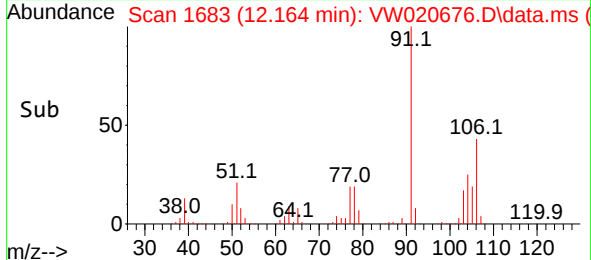
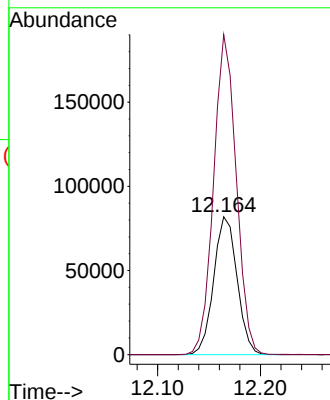
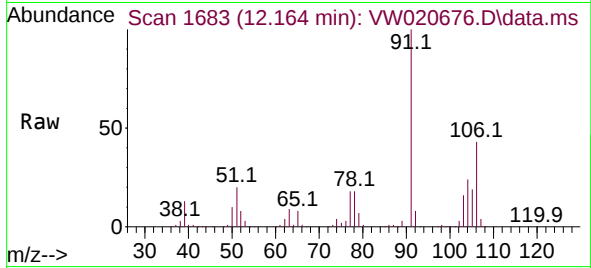




#54
o-Xylene
Concen: 28.255 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

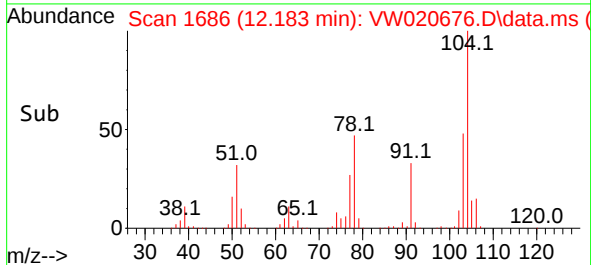
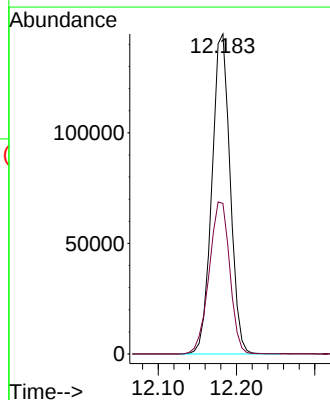
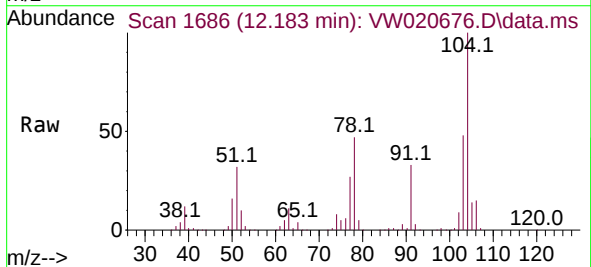
Instrument :
MSVOA_W
ClientSampled :

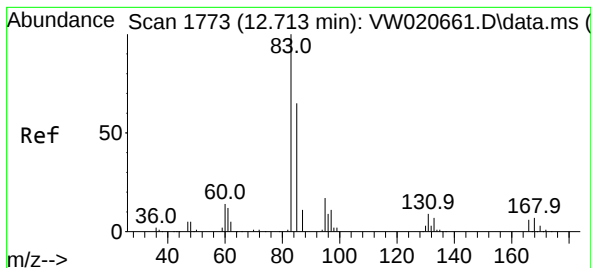
Tgt Ion:106 Resp: 129541
Ion Ratio Lower Upper
106 100
91 231.9 153.6 285.3



#55
Styrene
Concen: 29.050 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:104 Resp: 233839
Ion Ratio Lower Upper
104 100
78 47.1 34.4 64.0

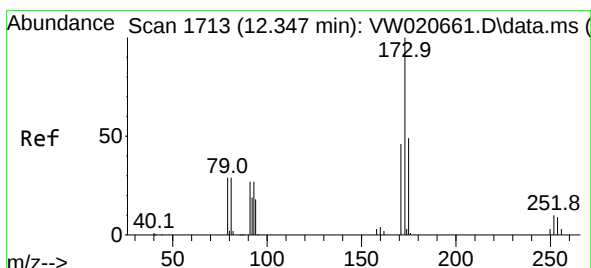
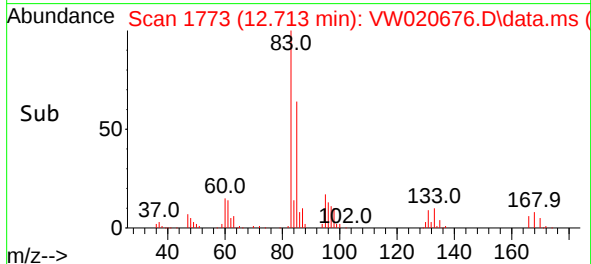
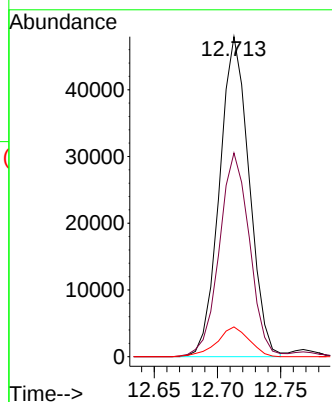
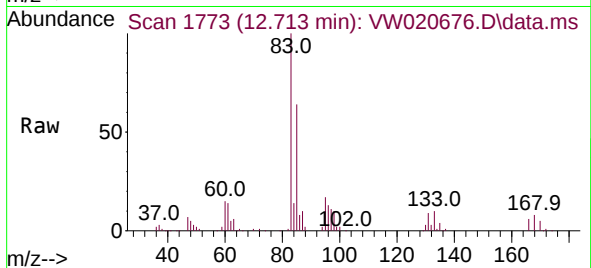




#57
1,1,2,2-Tetrachloroethane
Concen: 28.342 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

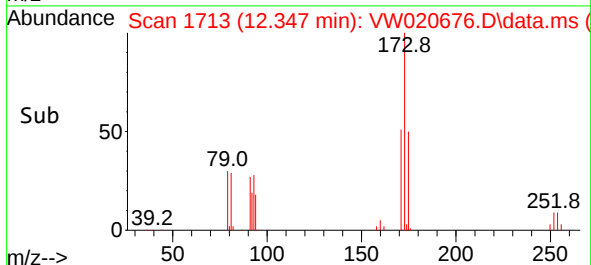
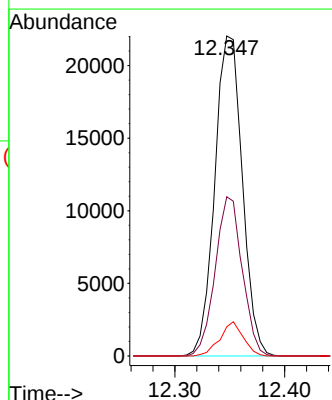
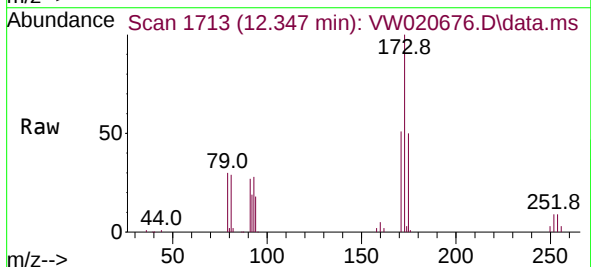
Instrument :
MSVOA_W
ClientSampled :

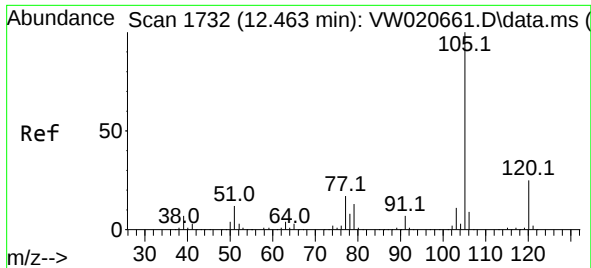
Tgt Ion:	83	Resp:	78065
Ion Ratio	Lower	Upper	
83	100		
85	63.6	44.0	81.6
131	9.3	6.9	10.3



#59
Bromoform
Concen: 27.372 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:	173	Resp:	38548
Ion Ratio	Lower	Upper	
173	100		
175	48.7	39.6	59.4
254	9.1	7.4	11.0

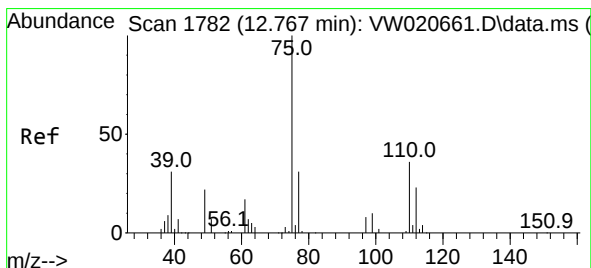
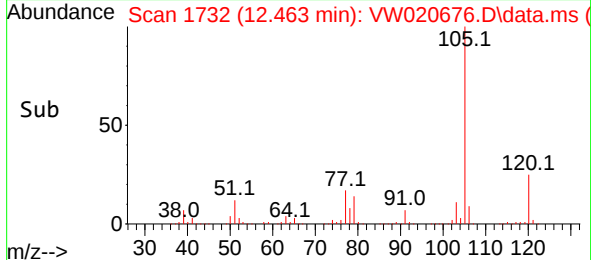
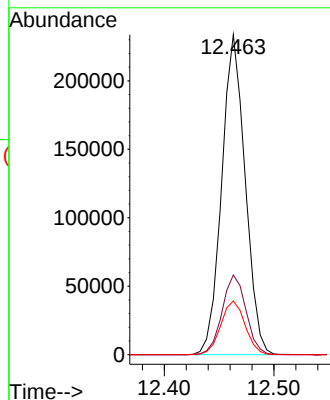
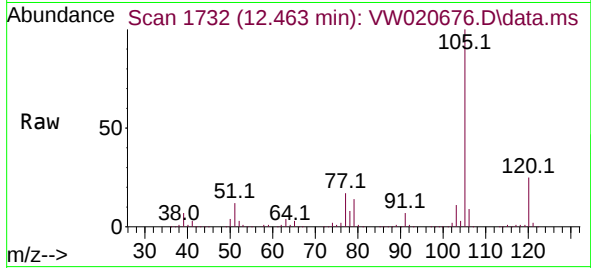




#60
Isopropylbenzene
Concen: 26.650 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

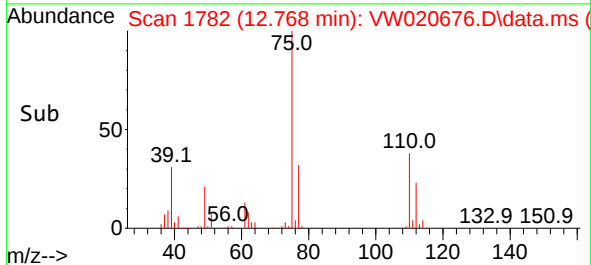
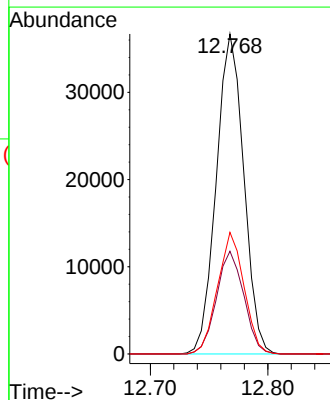
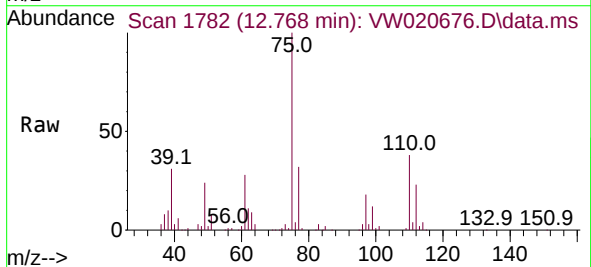
Instrument :
MSVOA_W
ClientSampled :

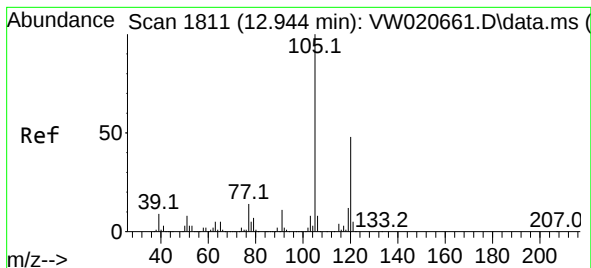
Tgt Ion:105 Resp: 347270
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 17.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 27.026 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion: 75 Resp: 59665
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 36.7 29.0 43.4

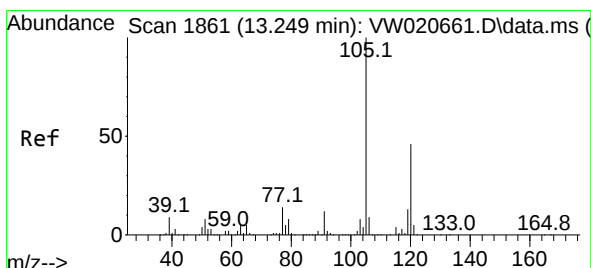
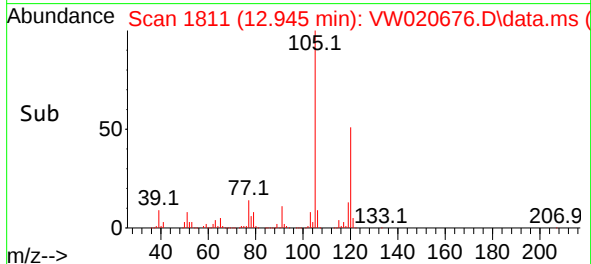
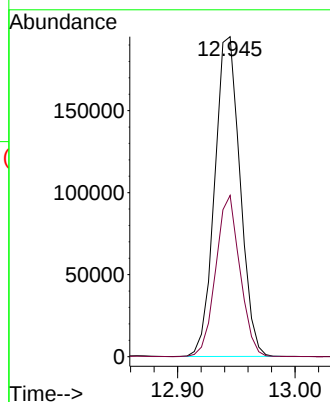
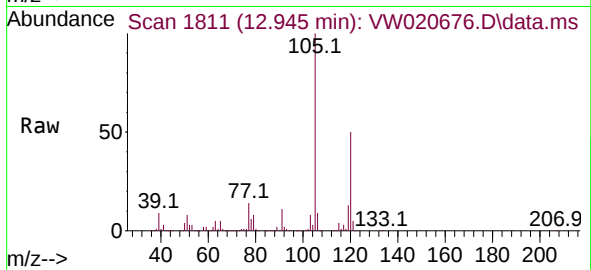




#62
1,3,5-Trimethylbenzene
Concen: 27.553 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

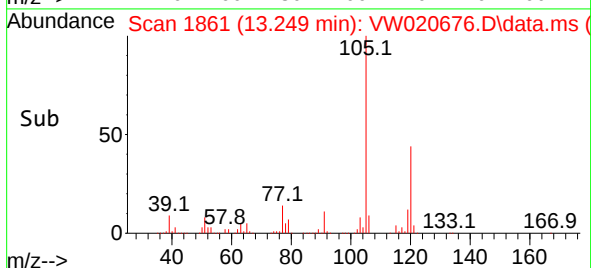
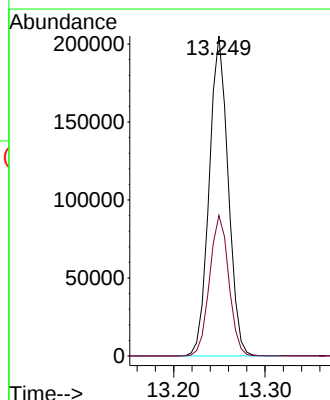
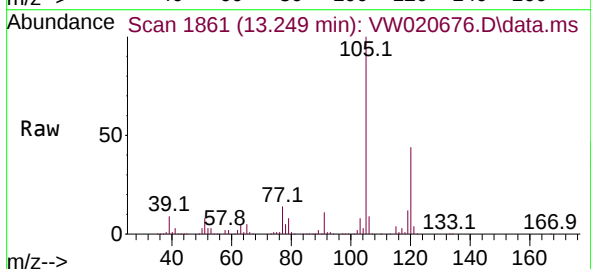
Instrument :
MSVOA_W
ClientSampled :

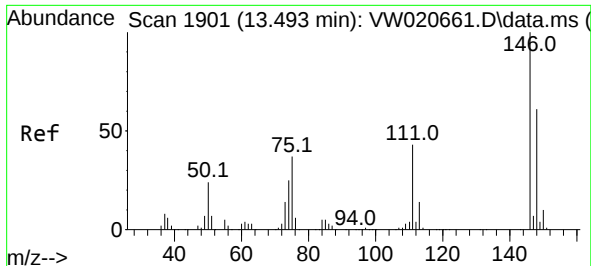
Tgt Ion:105 Resp: 293065
Ion Ratio Lower Upper
105 100
120 48.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 27.782 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:105 Resp: 295533
Ion Ratio Lower Upper
105 100
120 44.4 35.0 52.6

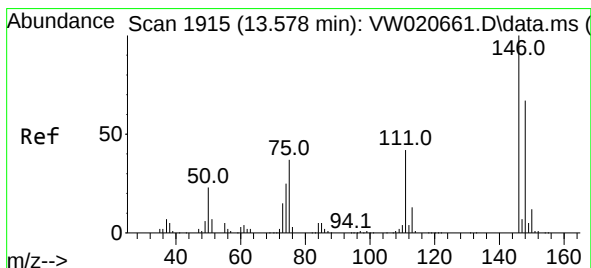
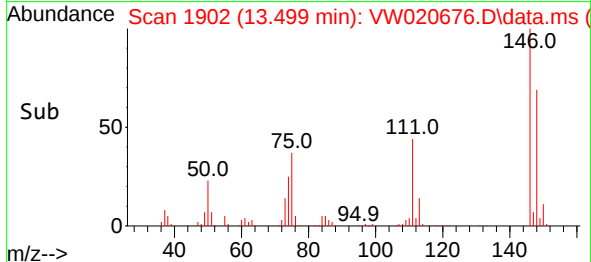
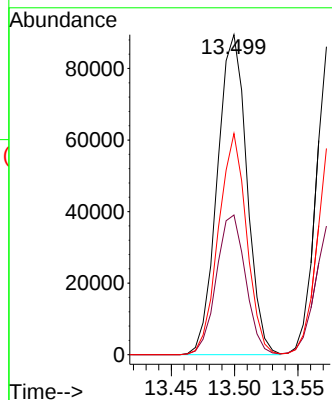
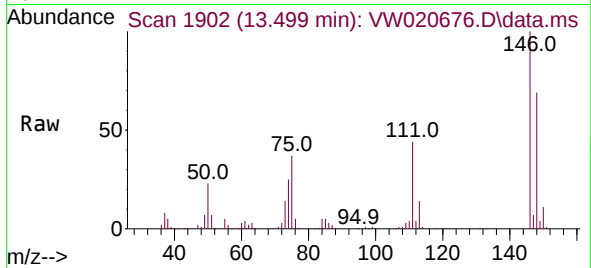




#64
1,3-Dichlorobenzene
Concen: 25.243 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.007 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

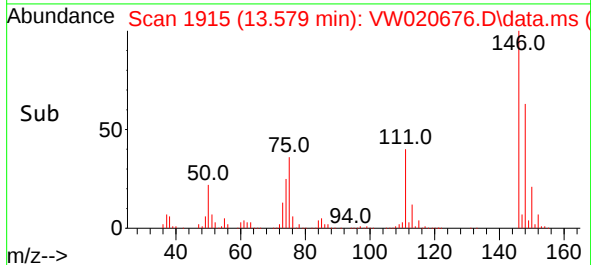
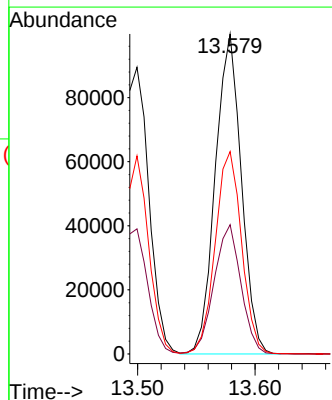
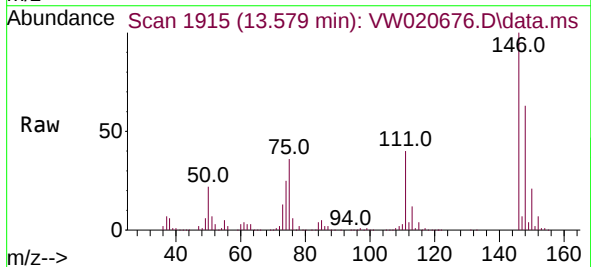
Instrument :
MSVOA_W
ClientSampled :

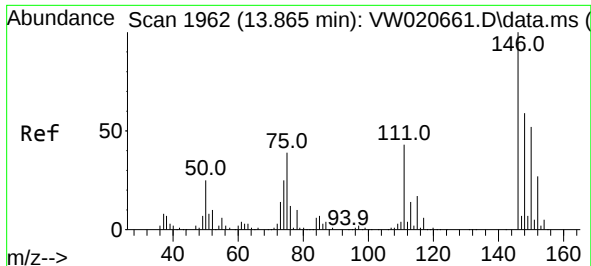
Tgt Ion:146 Resp: 145300
Ion Ratio Lower Upper
146 100
111 43.7 29.8 55.3
148 69.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.874 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:146 Resp: 154065
Ion Ratio Lower Upper
146 100
111 40.4 29.0 53.9
148 63.2 46.9 87.1

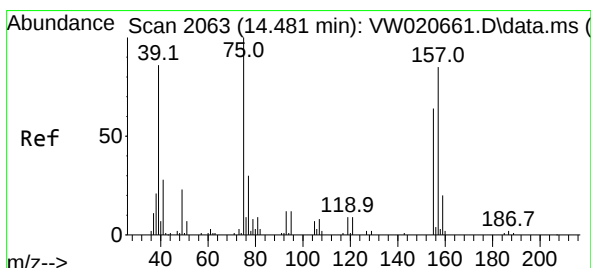
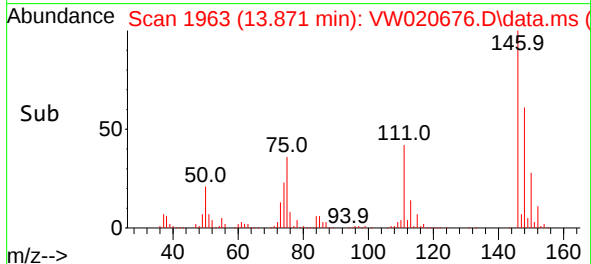
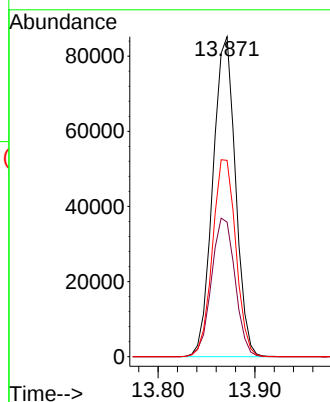
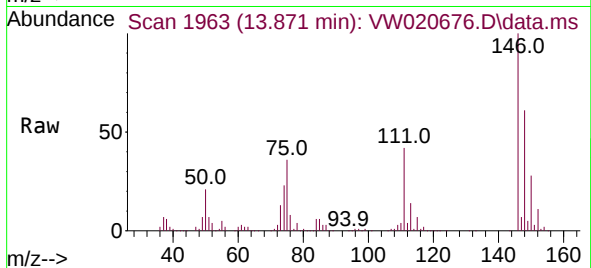




#67
1,2-Dichlorobenzene
Concen: 26.492 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

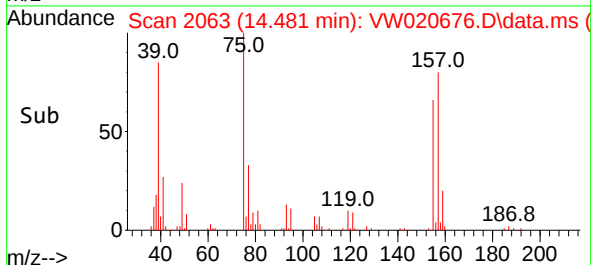
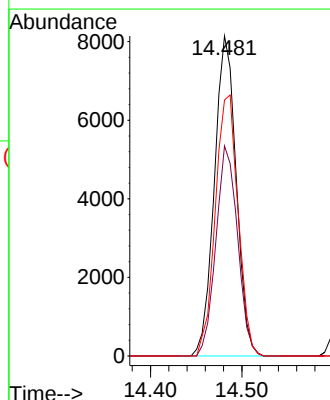
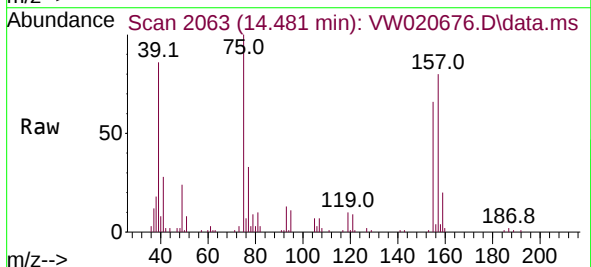
Instrument :
MSVOA_W
ClientSampled :

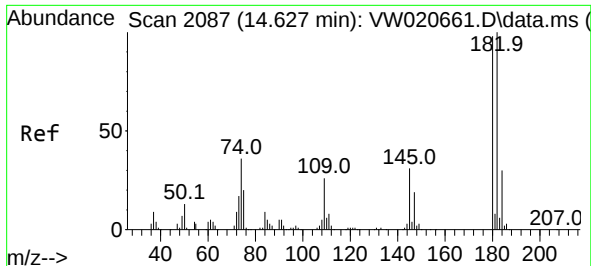
Tgt Ion:146 Resp: 138451
Ion Ratio Lower Upper
146 100
111 42.1 33.1 49.7
148 61.3 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 27.204 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

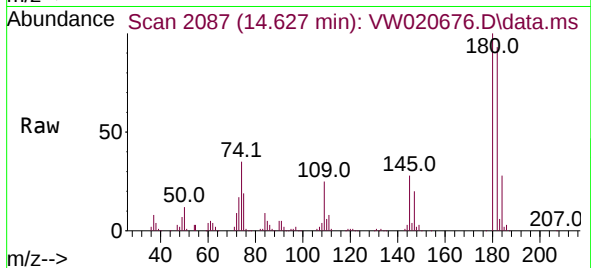
Tgt Ion: 75 Resp: 13508
Ion Ratio Lower Upper
75 100
155 65.7 54.2 81.2
157 80.0 69.4 104.2



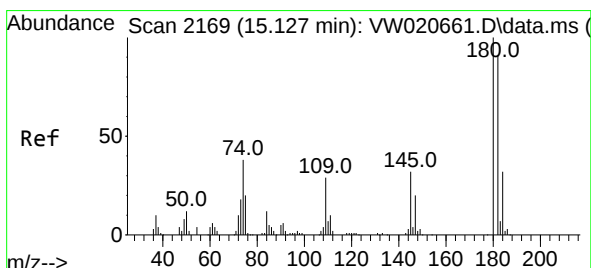
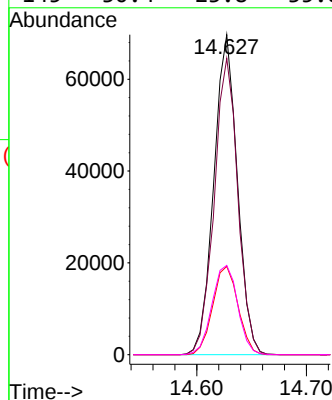
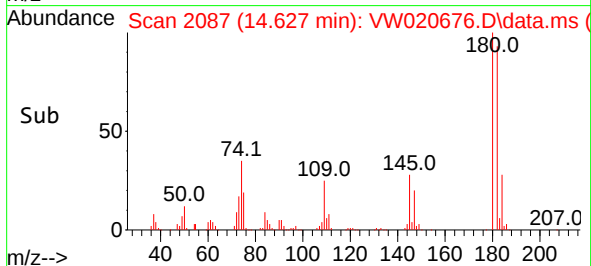


#69
1,3,5-Trichlorobenzene
Concen: 25.863 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

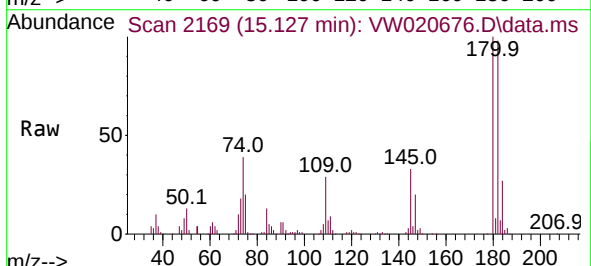
Instrument :
MSVOA_W
ClientSampleId :



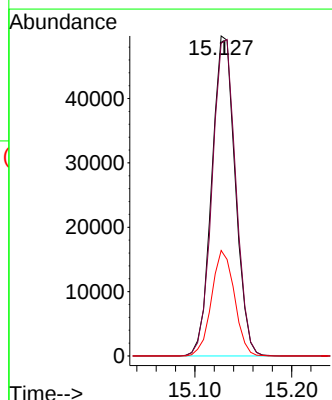
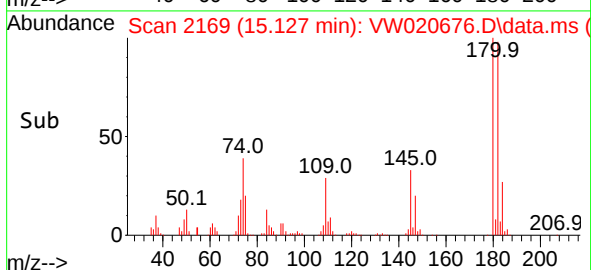
Tgt Ion:180 Resp: 104025
Ion Ratio Lower Upper
180 100
182 93.0 75.4 113.0
184 29.7 23.8 35.8
145 30.4 23.8 35.8

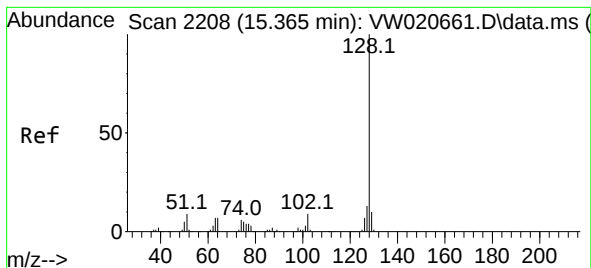


#70
1,2,4-trichlorobenzene
Concen: 25.936 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05



Tgt Ion:180 Resp: 83574
Ion Ratio Lower Upper
180 100
182 99.6 79.0 118.6
145 32.2 26.0 39.0

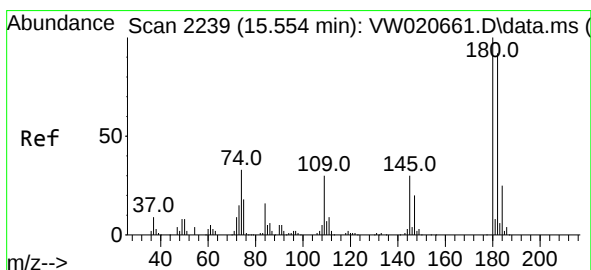
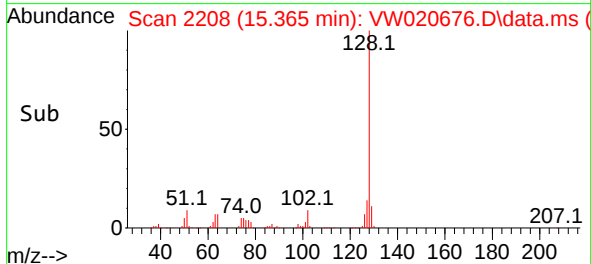
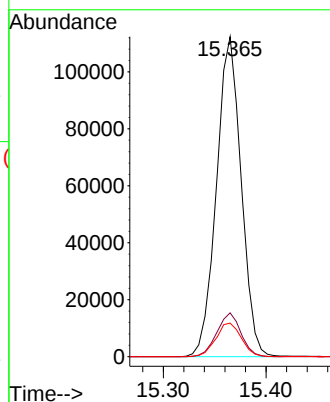
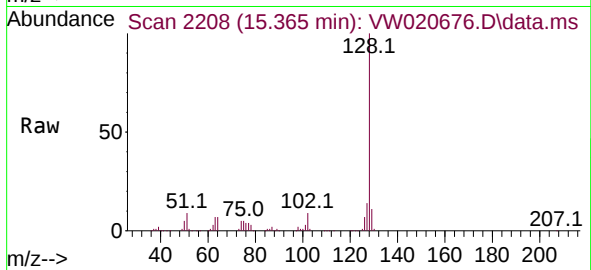




#71
Naphthalene
Concen: 30.052 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 187419
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 27.277 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020676.D
Acq: 21 Oct 2021 19:05

Tgt Ion:180 Resp: 80079
Ion Ratio Lower Upper
180 100
182 92.5 76.6 114.8
145 31.8 27.4 41.0

