

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
 Data File : VW019714.D
 Acq On : 12 Aug 2021 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:55:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 11 18:27:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	305716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	282765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	144760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	88618	24.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
7) Chloroethane-d5	2.897	69	104234	29.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.160%
11) 1,1-Dichloroethene-d2	4.025	63	187791	25.565	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.280%
21) 2-Butanone-d5	7.080	46	63747	54.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.360%
24) Chloroform-d	7.653	84	229880	24.872	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	8.305	65	128957	23.968	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.880%
32) Benzene-d6	8.274	84	440415	23.524	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	9.274	67	136968	24.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.280%
41) Toluene-d8	10.323	98	402664	23.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	10.579	79	57525	24.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.960%
47) 2-Hexanone-d5	10.926	63	52465	53.098	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	117263	23.994	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	135071	25.299	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	69164	20.664	ug/L	95
3) Chloromethane	2.221	50	94200	27.816	ug/L	98
5) Vinyl chloride	2.373	62	103664	22.720	ug/L	98
6) Bromomethane	2.788	94	82844	23.178	ug/L	98
8) Chloroethane	2.934	64	81468	26.554	ug/L	99
9) Trichlorofluoromethane	3.269	101	84790	30.019	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	94374	25.072	ug/L	96
12) 1,1-Dichloroethene	4.050	96	89983	24.563	ug/L	97
13) Acetone	4.123	43	39542	41.262	ug/L	48
14) Carbon disulfide	4.391	76	236178	22.644	ug/L	100
15) Methyl Acetate	4.678	43	43231	24.121	ug/L	98
16) Methylene chloride	4.915	84	102126	19.990	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	98314	24.551	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	133959	23.024	ug/L	97
19) 1,1-Dichloroethane	6.220	63	182561	21.693	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	109061	24.032	ug/L	99
22) 2-Butanone	7.171	43	56390	43.989	ug/L	100
23) Bromochloromethane	7.518	128	49945	23.785	ug/L	94
25) Chloroform	7.677	83	191522	22.218	ug/L	97

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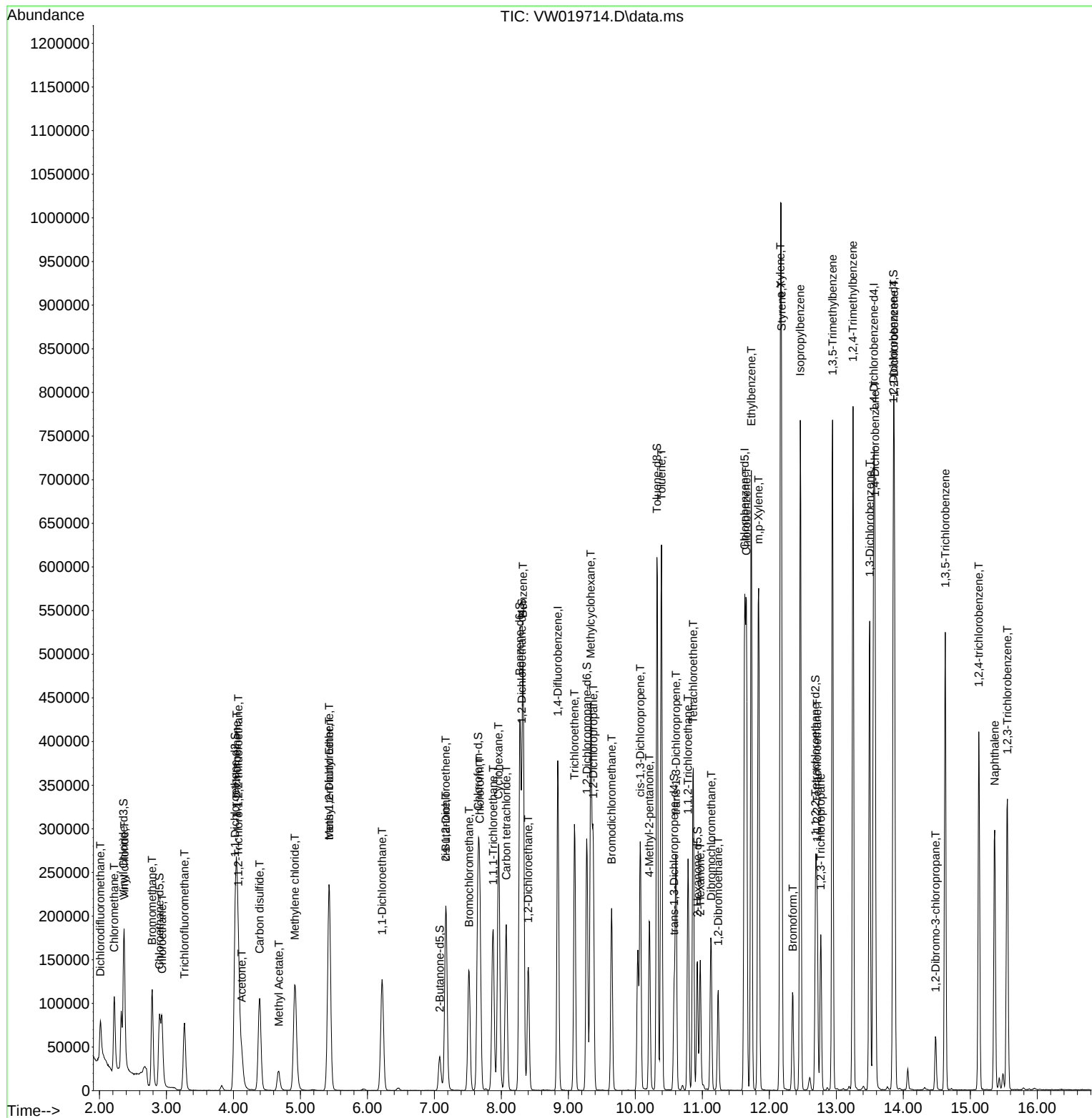
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	128352	21.318	ug/L	97
29) Cyclohexane	7.957	56	149528	21.340	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	150102	20.733	ug/L	99
31) Carbon tetrachloride	8.073	117	137052	20.512	ug/L	99
33) Benzene	8.323	78	412833	21.067	ug/L	100
34) Trichloroethene	9.091	95	105278	21.669	ug/L	94
35) Methylcyclohexane	9.335	83	178437	22.194	ug/L	99
37) 1,2-Dichloropropane	9.372	63	105152	21.471	ug/L	99
38) Bromodichloromethane	9.646	83	137158	22.111	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	163397	21.867	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	123320	40.974	ug/L	98
42) Toluene	10.390	91	447544	21.754	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	145964	22.308	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	80436	22.207	ug/L	97
46) Tetrachloroethene	10.865	164	80374	22.002	ug/L	95
48) 2-Hexanone	10.969	43	89250	43.105	ug/L	97
49) Dibromochloromethane	11.134	129	91262	22.740	ug/L	97
50) 1,2-Dibromoethane	11.237	107	74348	21.570	ug/L	97
51) Chlorobenzene	11.658	112	280227	22.275	ug/L	99
52) Ethylbenzene	11.731	91	483635	22.430	ug/L	98
53) m,p-Xylene	11.841	106	181747	22.140	ug/L	99
54) o-Xylene	12.164	106	175519	22.156	ug/L	93
55) Styrene	12.182	104	305580	22.462	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	96900	21.025	ug/L	98
59) Bromoform	12.353	173	47911	21.774	ug/L	95
60) Isopropylbenzene	12.463	105	481627	24.330	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	70918	21.662	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	399513	24.234	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	401769	23.362	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	205264	21.412	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	217996	22.557	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	194393	23.101	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	15765	24.678	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	149037	24.337	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	124958	24.233	ug/L	97
71) Naphthalene	15.365	128	252548	25.198	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	110271	24.177	ug/L	98

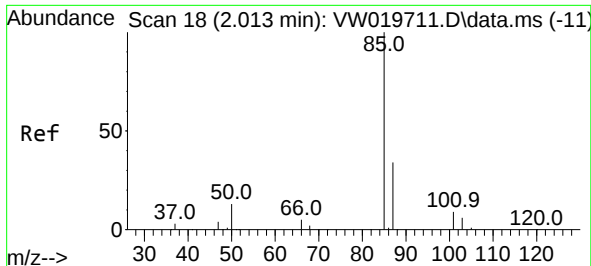
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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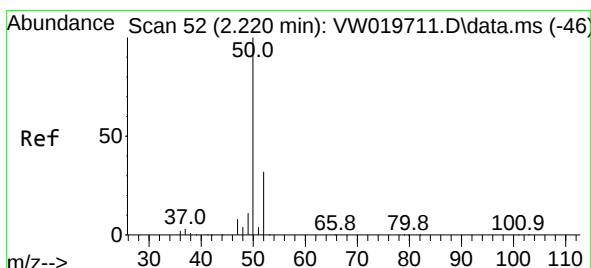
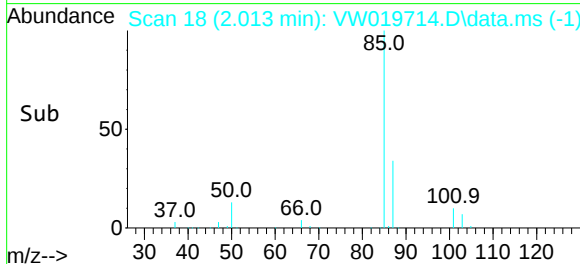
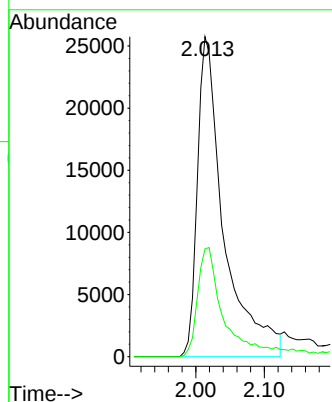
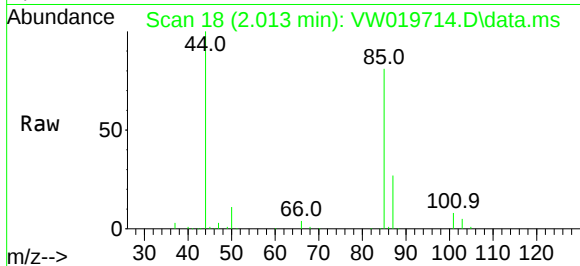




#2
Dichlorodifluoromethane
Concen: 20.664 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

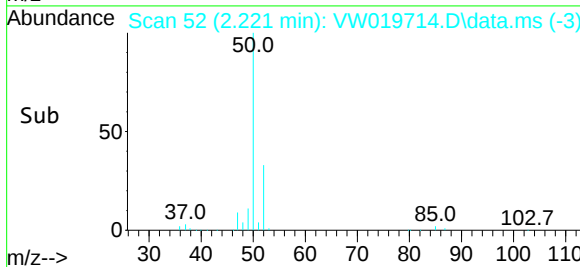
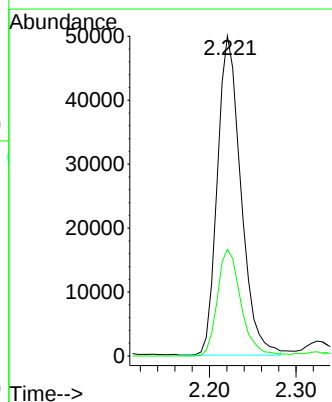
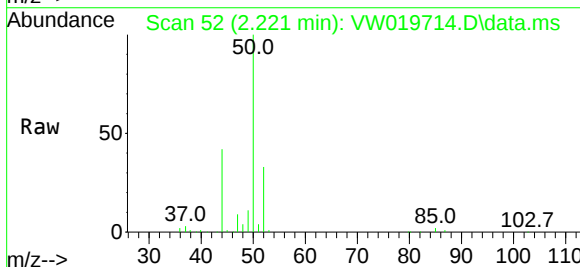
Instrument :
MSVOA_W
ClientSampled :

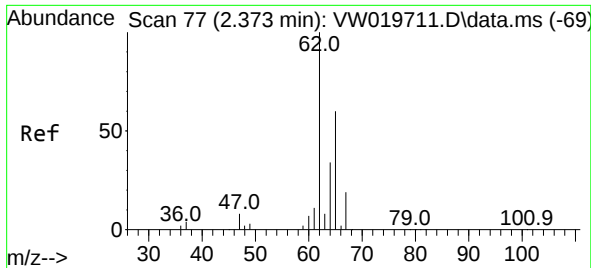
Tgt Ion: 85 Resp: 69164
Ion Ratio Lower Upper
85 100
87 31.8 23.3 34.9



#3
Chloromethane
Concen: 27.816 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 50 Resp: 94200
Ion Ratio Lower Upper
50 100
52 33.3 22.5 41.9

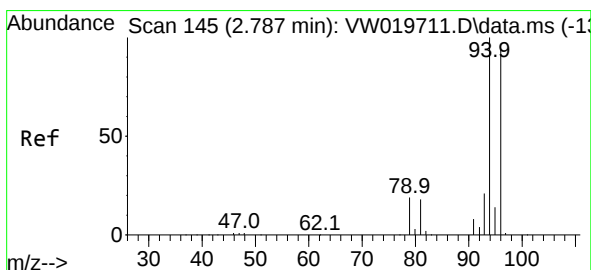
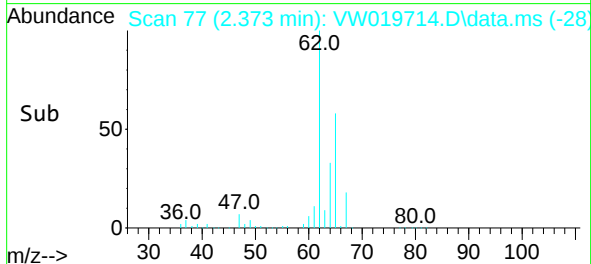
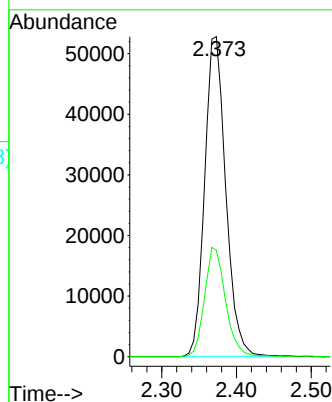
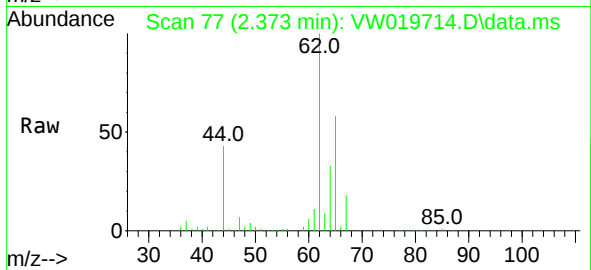




#5
 Vinyl chloride
 Concen: 22.720 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW019714.D
 Acq: 12 Aug 2021 08:40

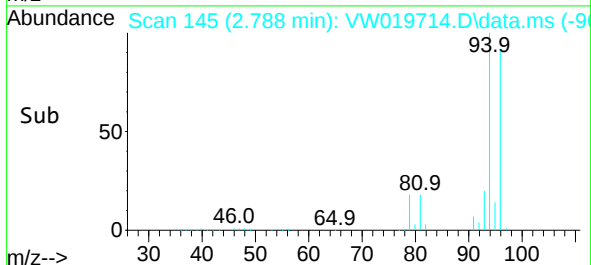
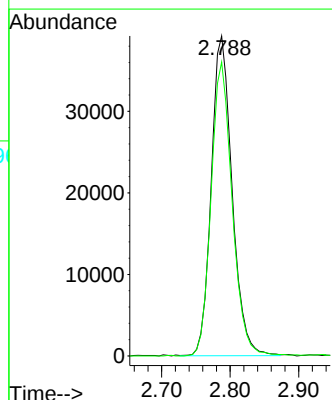
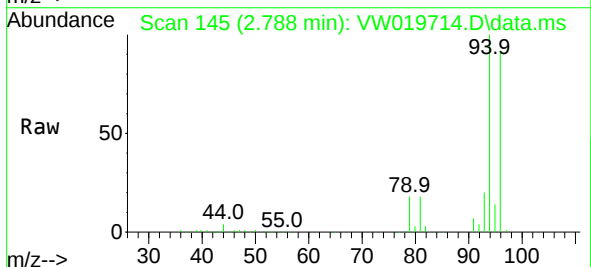
Instrument :
 MSVOA_W
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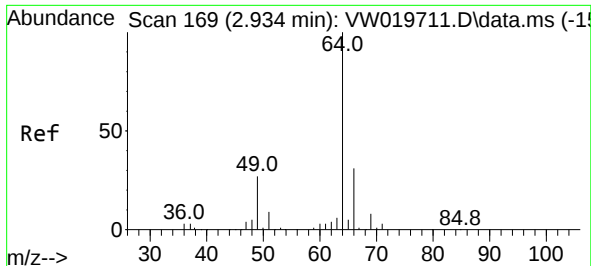
Tgt Ion: 62 Resp: 103664
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.2 45.0



#6
 Bromomethane
 Concen: 23.178 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019714.D
 Acq: 12 Aug 2021 08:40

Tgt Ion: 94 Resp: 82844
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.3 121.3





#8

Chloroethane

Concen: 26.554 ug/L

RT: 2.934 min Scan# 169

Delta R.T. 0.000 min

Lab File: VW019714.D

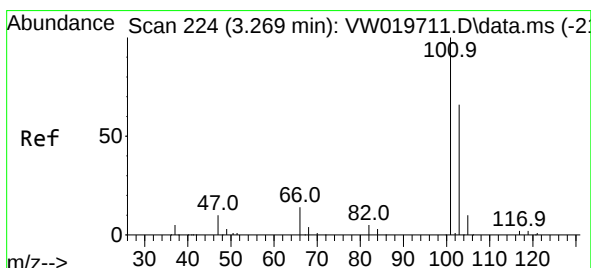
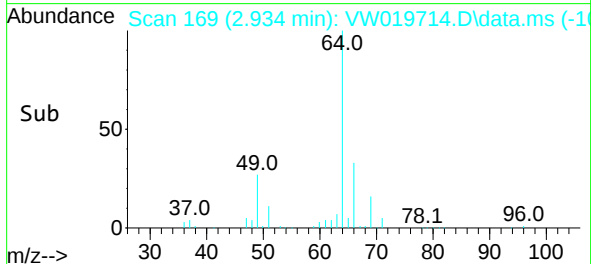
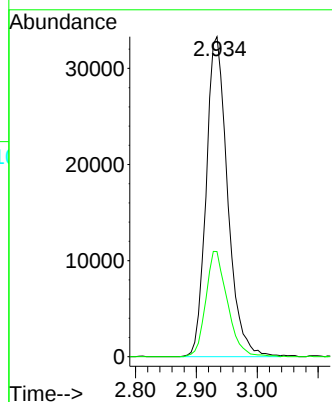
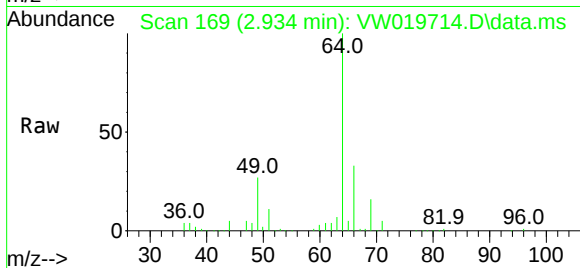
Acq: 12 Aug 2021 08:40

Tgt Ion: 64 Resp: 81468

Ion Ratio Lower Upper

64 100

66 32.8 23.4 43.6



#9

Trichlorofluoromethane

Concen: 30.019 ug/L

RT: 3.269 min Scan# 224

Delta R.T. 0.000 min

Lab File: VW019714.D

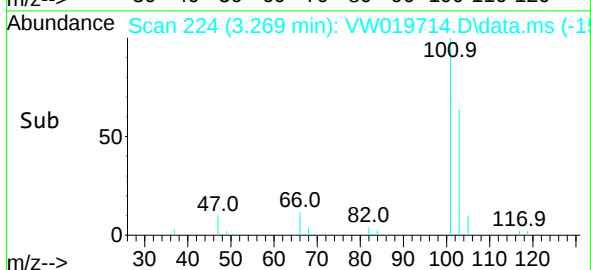
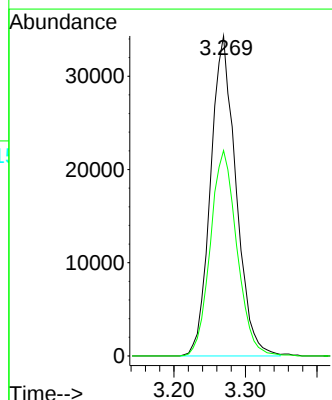
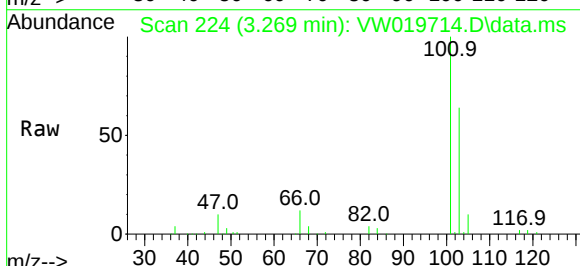
Acq: 12 Aug 2021 08:40

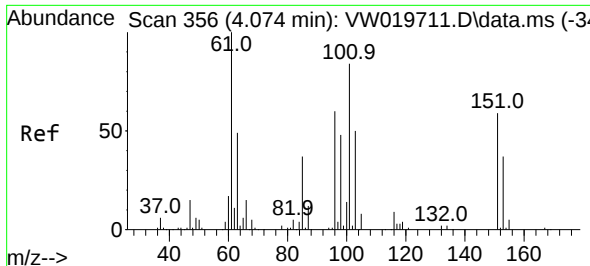
Tgt Ion: 101 Resp: 84790

Ion Ratio Lower Upper

101 100

103 67.1 51.0 76.4

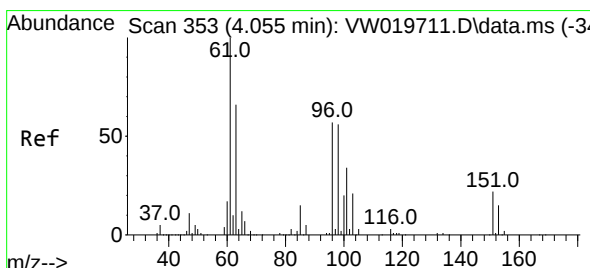
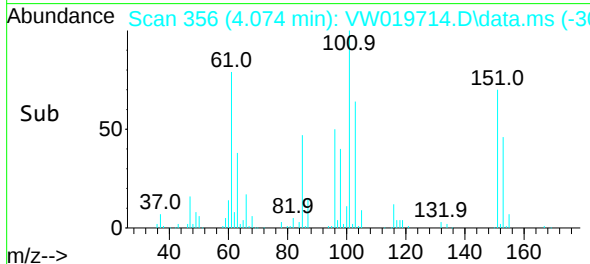
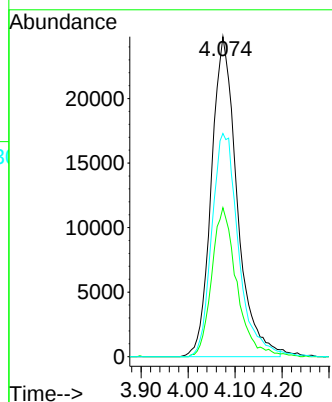
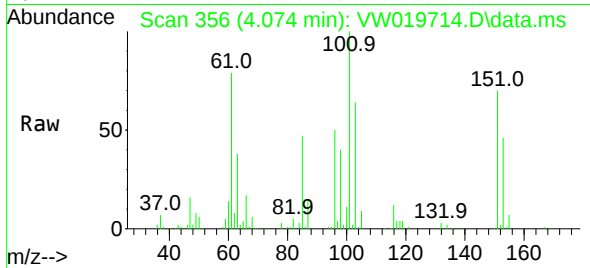




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.072 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW019714.D
 Acq: 12 Aug 2021 08:40

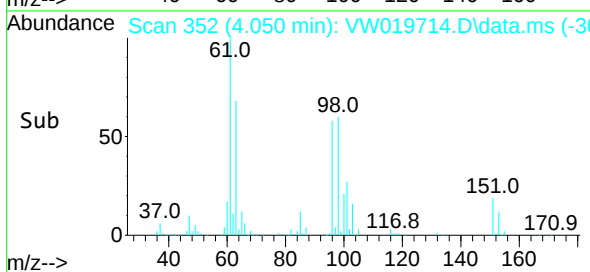
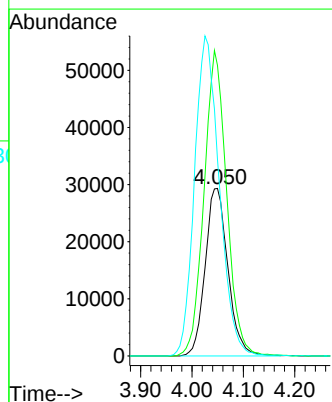
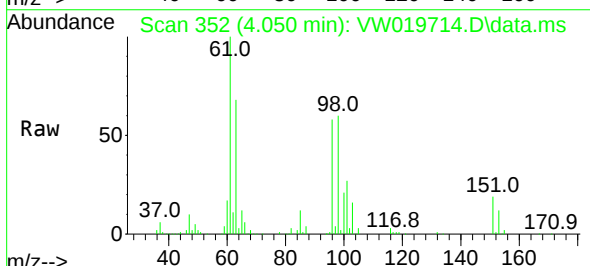
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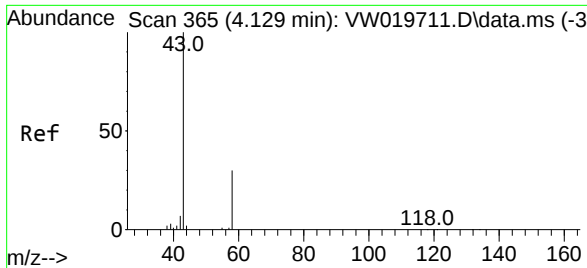
Tgt Ion:101 Resp: 94374
 Ion Ratio Lower Upper
 101 100
 85 43.7 38.2 57.2
 151 72.5 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.563 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW019714.D
 Acq: 12 Aug 2021 08:40

Tgt Ion: 96 Resp: 89983
 Ion Ratio Lower Upper
 96 100
 61 173.5 118.1 219.3
 63 117.4 83.7 155.5

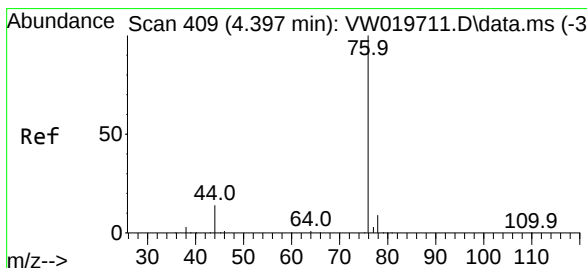
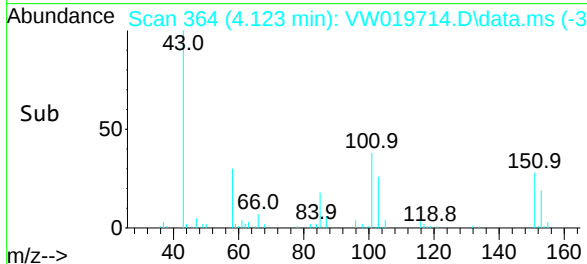
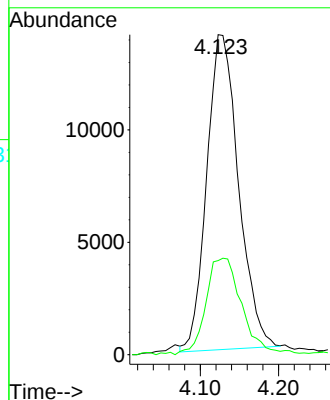
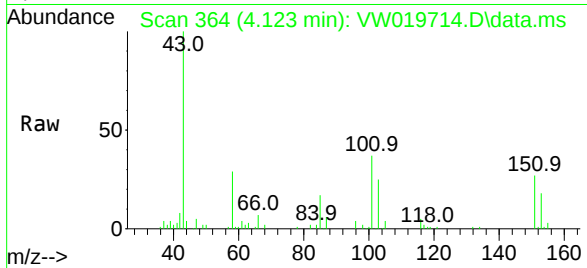




#13
Acetone
Concen: 41.262 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

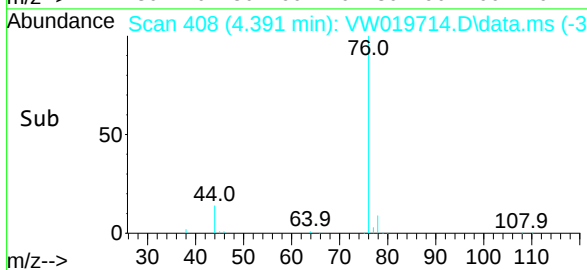
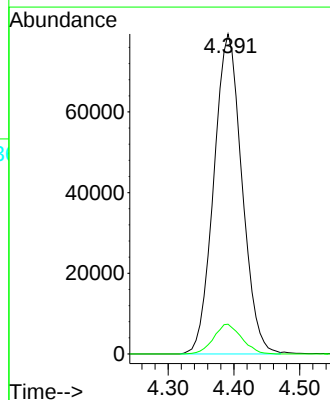
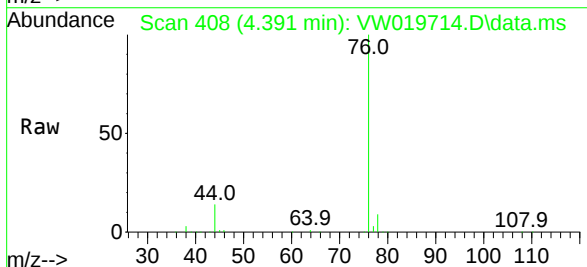
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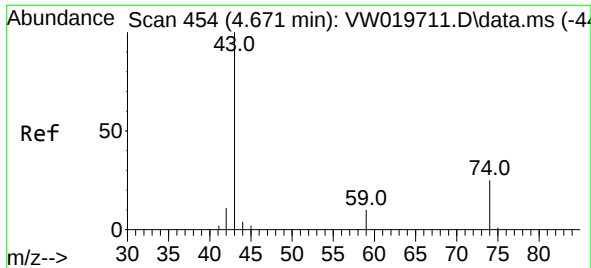
Tgt Ion: 43 Resp: 39542
Ion Ratio Lower Upper
43 100
58 0.2 0.0 53.8



#14
Carbon disulfide
Concen: 22.644 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 236178
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

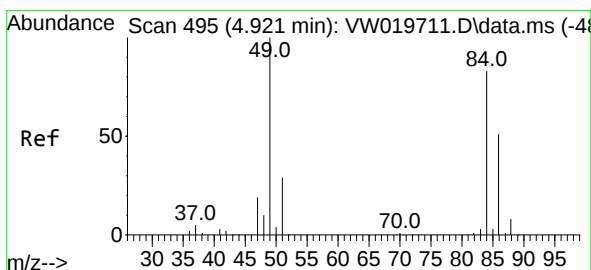
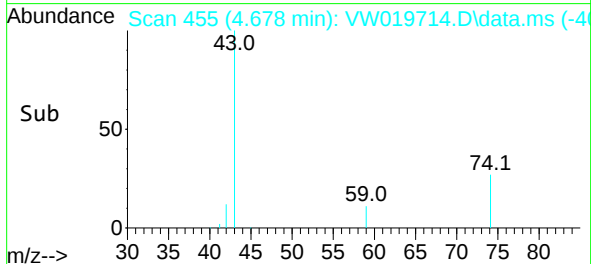
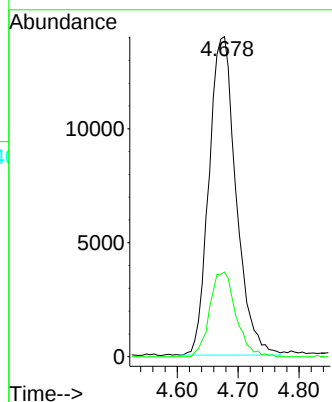
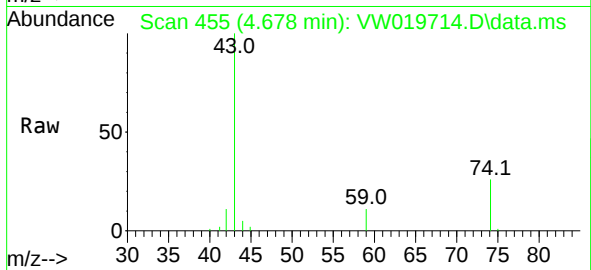




#15
Methyl Acetate
Concen: 24.121 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

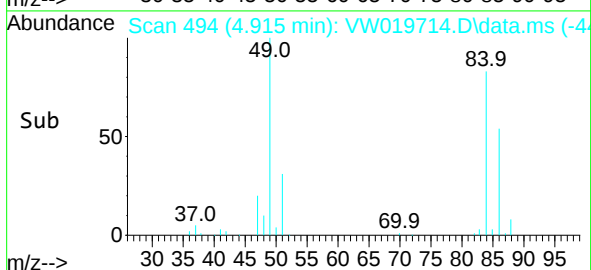
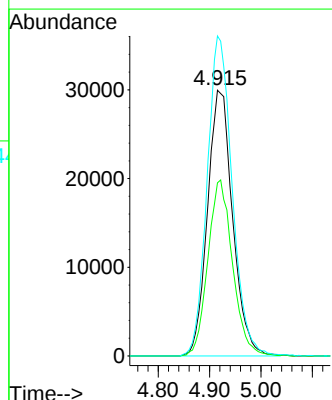
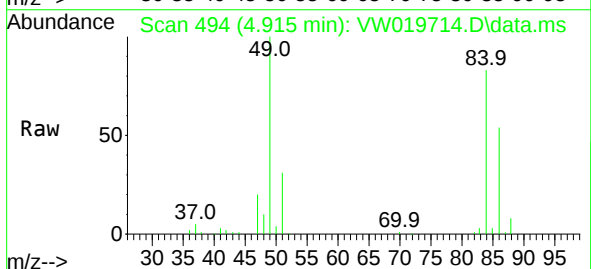
Instrument :
MSVOA_W
ClientSampled :

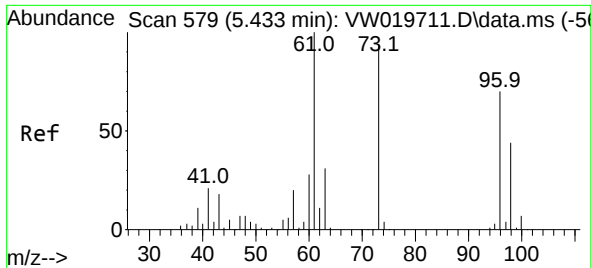
Tgt Ion: 43 Resp: 43231
Ion Ratio Lower Upper
43 100
74 25.8 20.0 30.0



#16
Methylene chloride
Concen: 19.990 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 84 Resp: 102126
Ion Ratio Lower Upper
84 100
86 65.2 45.3 84.1
49 120.4 86.6 160.8





#17

trans-1,2-Dichloroethene

Concen: 24.551 ug/L

RT: 5.427 min Scan# 578

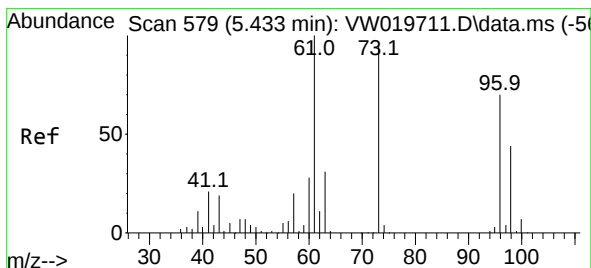
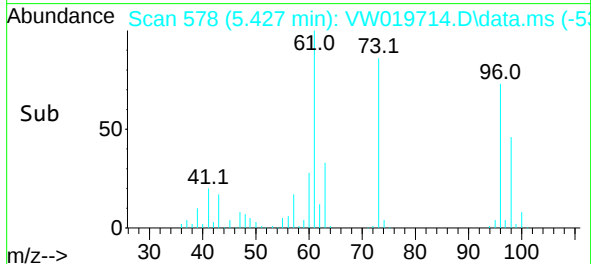
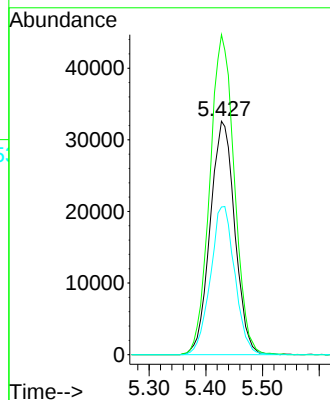
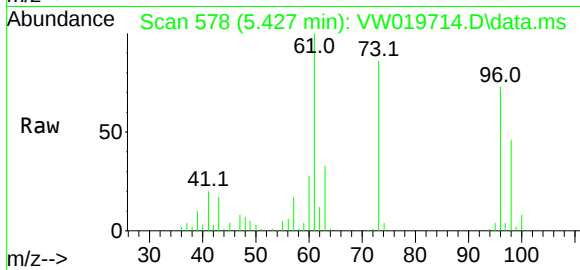
Delta R.T. -0.006 min

Lab File: VW019714.D

Acq: 12 Aug 2021 08:40

Tgt Ion: 96 Resp: 98314

Ion	Ratio	Lower	Upper
96	100		
61	137.1	98.3	182.7
98	63.3	46.1	85.7



#18

Methyl tert-butyl Ether

Concen: 23.024 ug/L

RT: 5.427 min Scan# 578

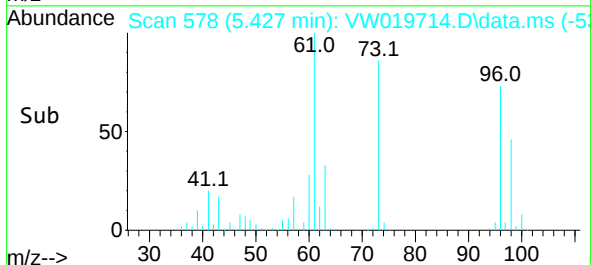
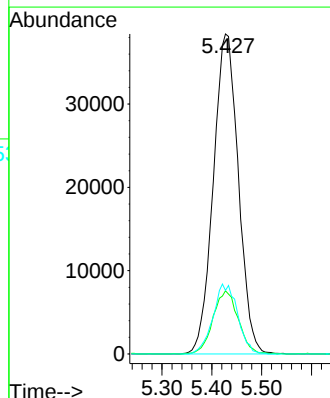
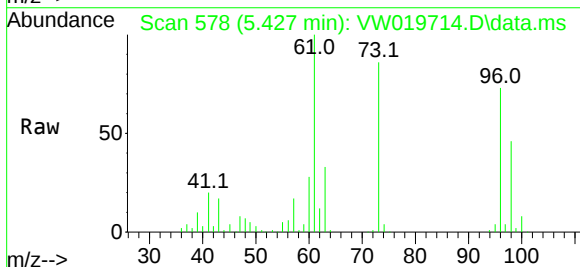
Delta R.T. -0.006 min

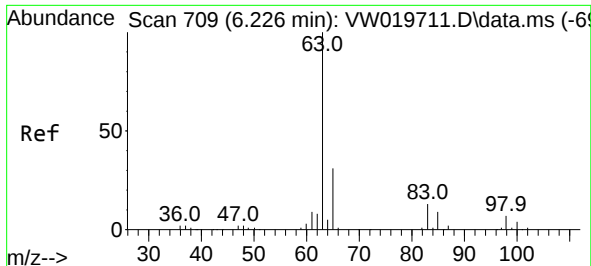
Lab File: VW019714.D

Acq: 12 Aug 2021 08:40

Tgt Ion: 73 Resp: 133959

Ion	Ratio	Lower	Upper
73	100		
43	19.7	17.7	26.5
57	21.5	17.0	25.4





#19

1,1-Dichloroethane

Concen: 21.693 ug/L

RT: 6.220 min Scan# 708

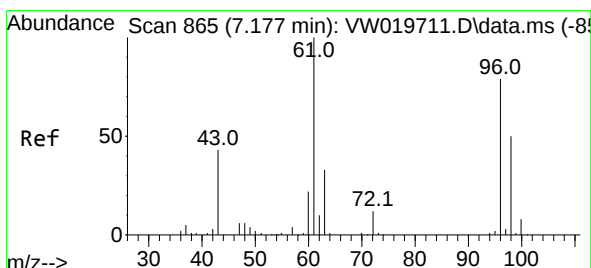
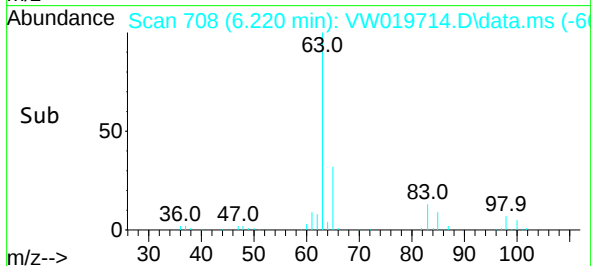
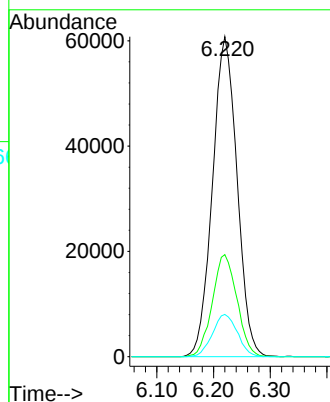
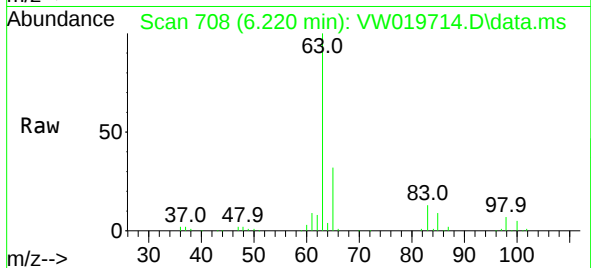
Delta R.T. -0.006 min

Lab File: VW019714.D

Acq: 12 Aug 2021 08:40

Tgt Ion: 63	Resp: 182561
Ion Ratio	Lower Upper
63 100	
65 31.9	22.9 42.5
83 13.2	10.2 19.0

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 24.032 ug/L

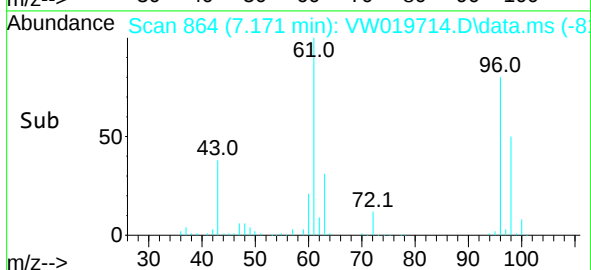
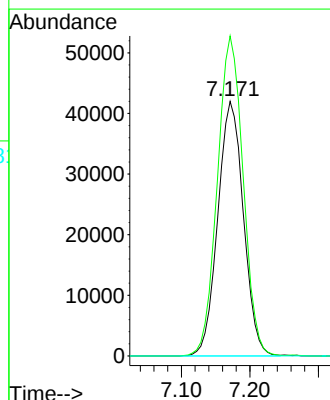
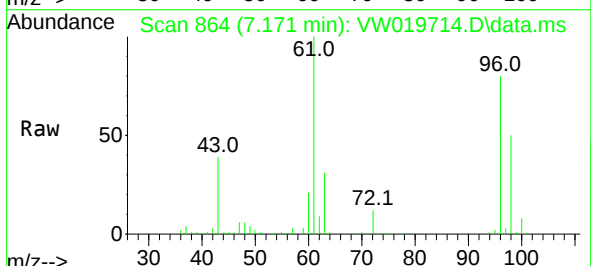
RT: 7.171 min Scan# 864

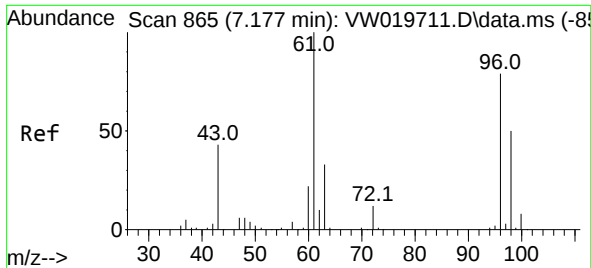
Delta R.T. -0.006 min

Lab File: VW019714.D

Acq: 12 Aug 2021 08:40

Tgt Ion: 96	Resp: 109061
Ion Ratio	Lower Upper
96 100	
61 125.7	88.5 164.3
68 0.0	0.0 0.0

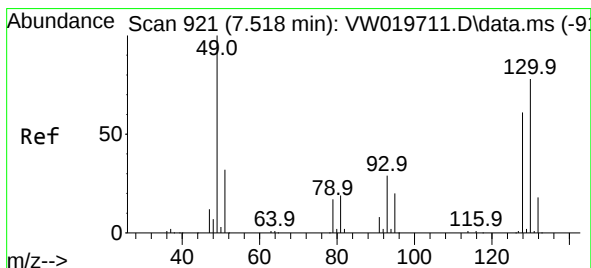
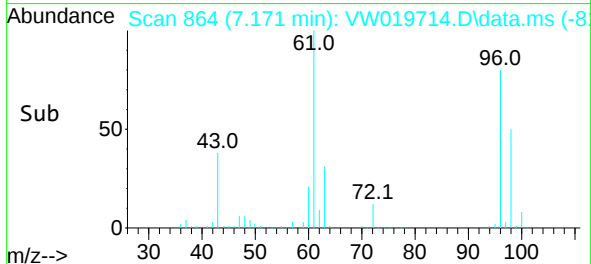
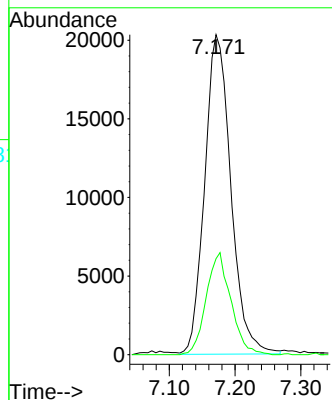
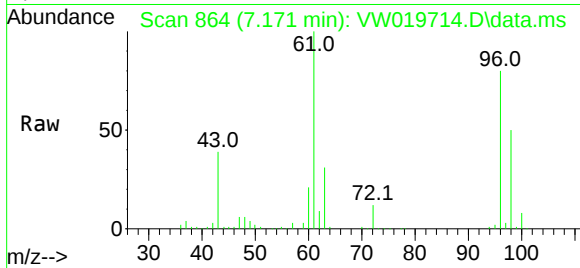




#22
2-Butanone
Concen: 43.989 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

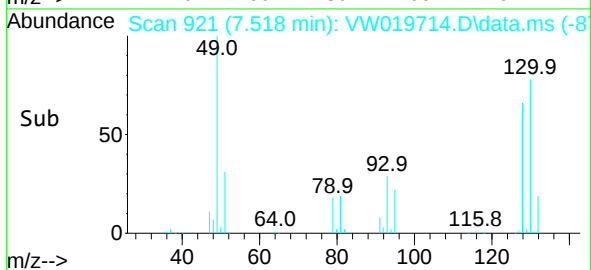
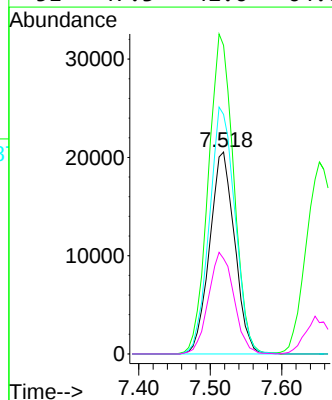
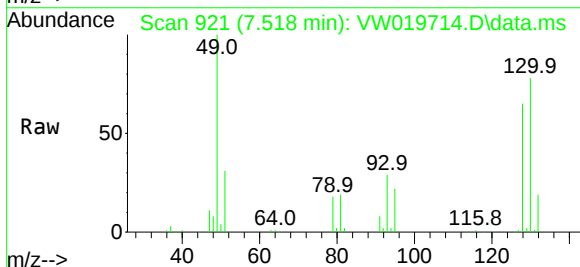
Instrument :
MSVOA_W
ClientSampleId :

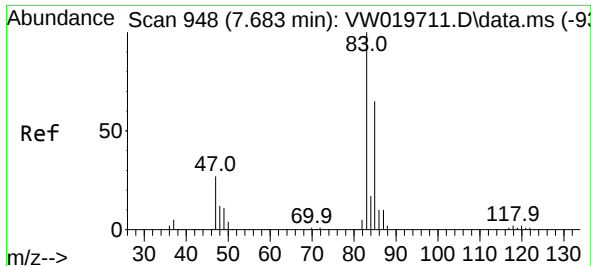
Tgt Ion: 43 Resp: 56390
Ion Ratio Lower Upper
43 100
72 30.0 14.9 44.7



#23
Bromochloromethane
Concen: 23.785 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 128 Resp: 49945
Ion Ratio Lower Upper
128 100
49 152.8 116.3 215.9
130 118.6 82.4 153.0
51 47.3 42.6 64.0

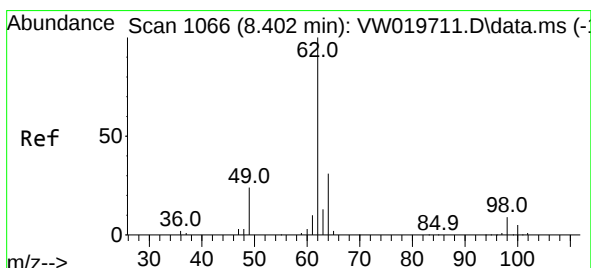
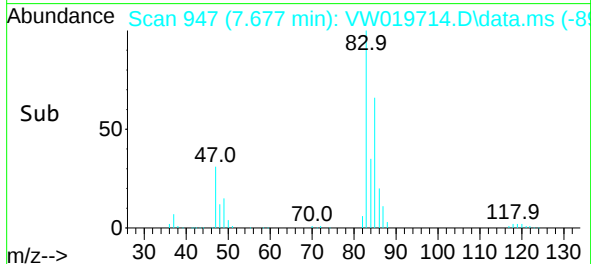
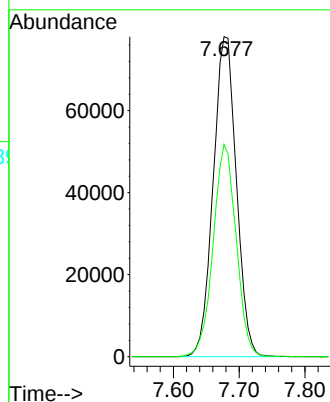
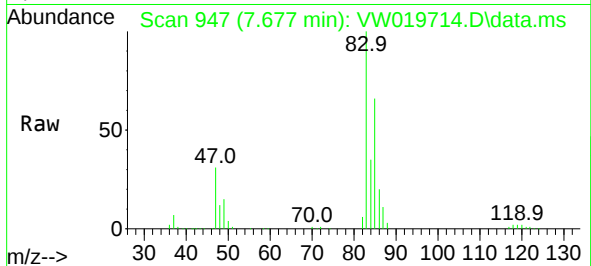




#25
Chloroform
Concen: 22.218 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

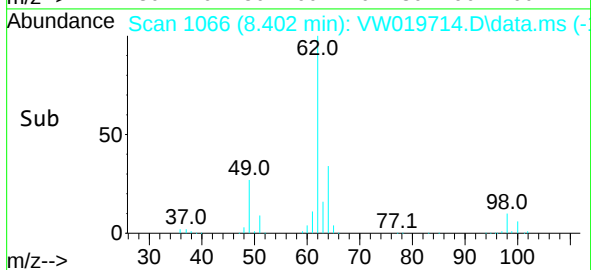
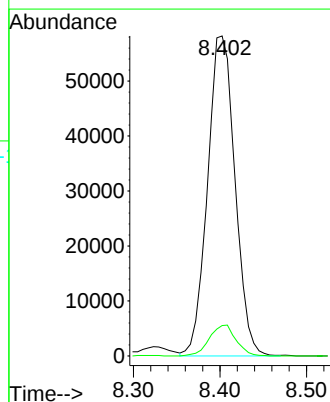
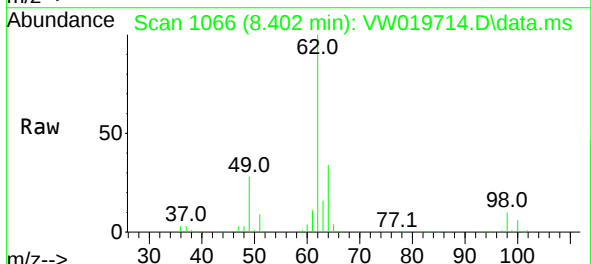
Instrument :
MSVOA_W
ClientSampleId :

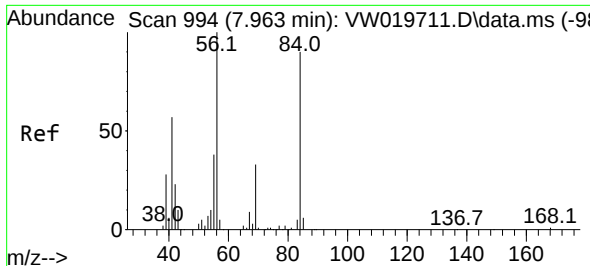
Tgt Ion: 83 Resp: 191522
Ion Ratio Lower Upper
83 100
85 66.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 21.318 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

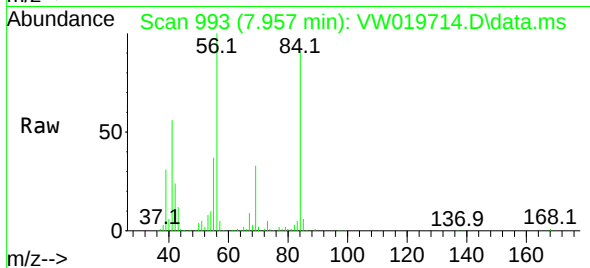
Tgt Ion: 62 Resp: 128352
Ion Ratio Lower Upper
62 100
98 9.5 6.9 10.3



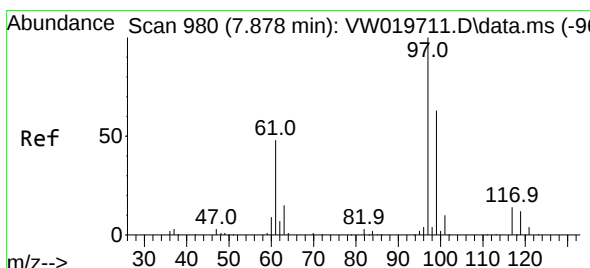
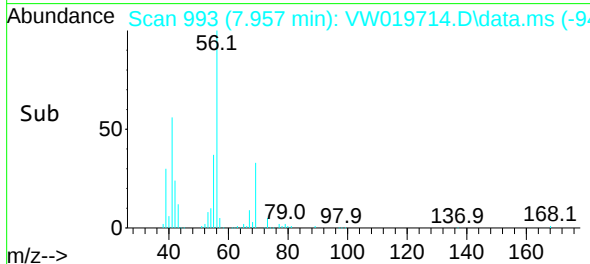
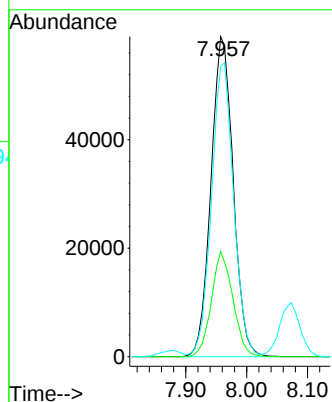


#29
Cyclohexane
Concen: 21.340 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Instrument :
MSVOA_W
ClientSampleId :

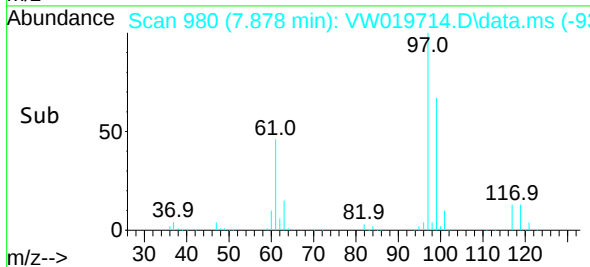
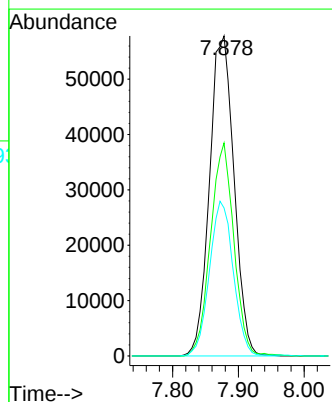
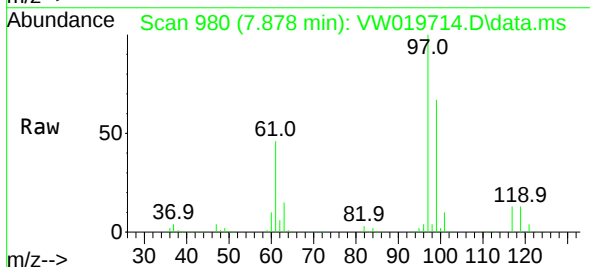


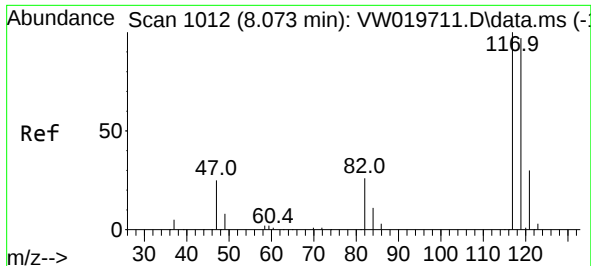
Tgt Ion:	56	Resp:	149528
Ion Ratio	Lower	Upper	
56	100		
69	31.8	24.5	36.7
84	91.6	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 20.733 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion:	97	Resp:	150102
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.4	77.2
61	47.0	37.8	56.6

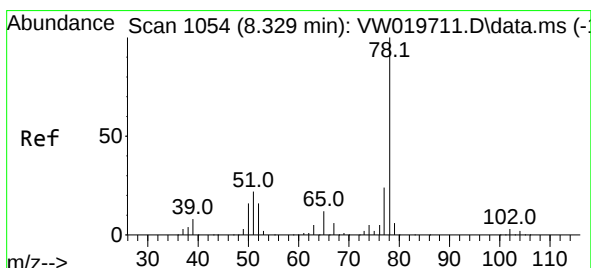
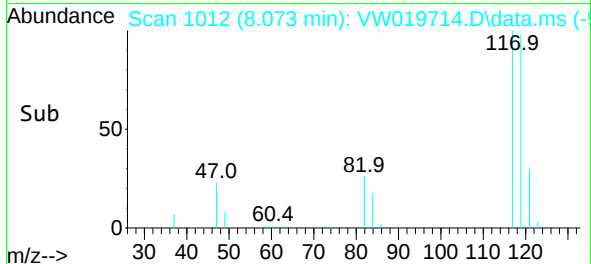
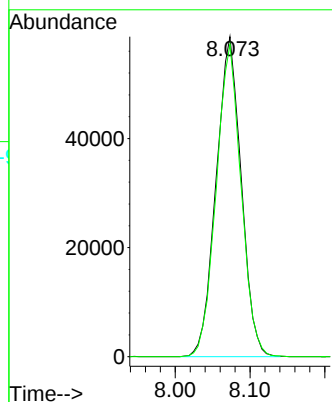
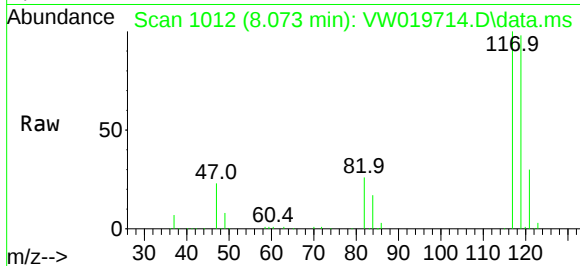




#31
Carbon tetrachloride
Concen: 20.512 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

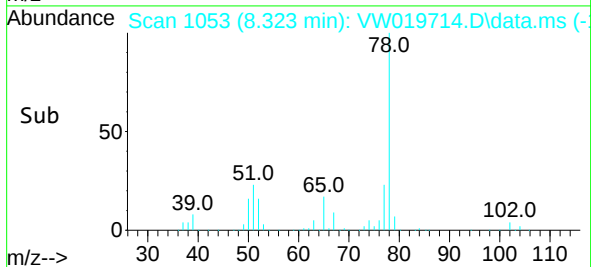
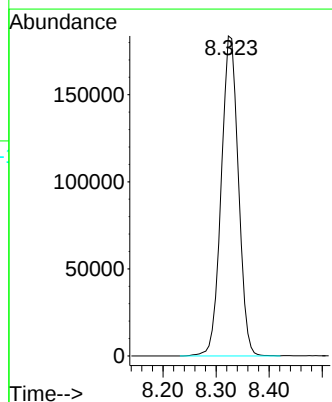
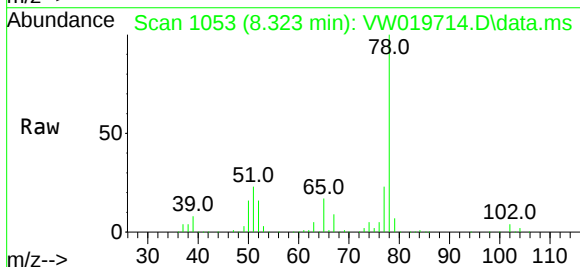
Instrument :
MSVOA_W
ClientSampled :

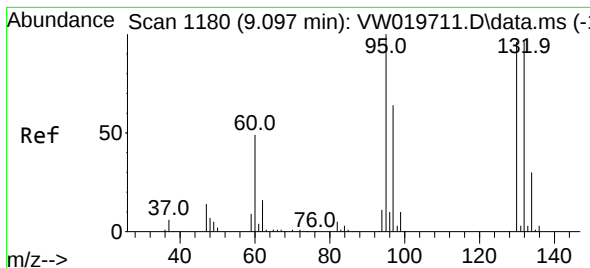
Tgt Ion:117 Resp: 137052
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7



#33
Benzene
Concen: 21.067 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 78 Resp: 412833





#34

Trichloroethene

Concen: 21.669 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VW019714.D

Acq: 12 Aug 2021 08:40

Tgt Ion: 95 Resp: 105278

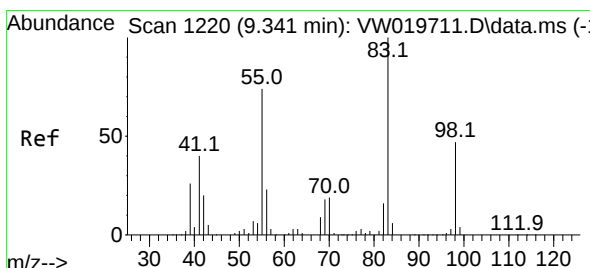
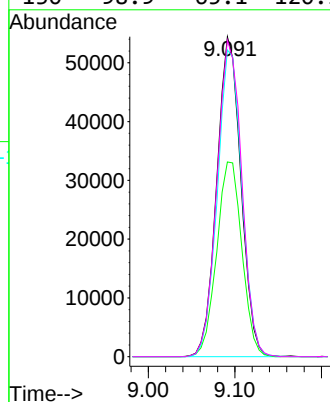
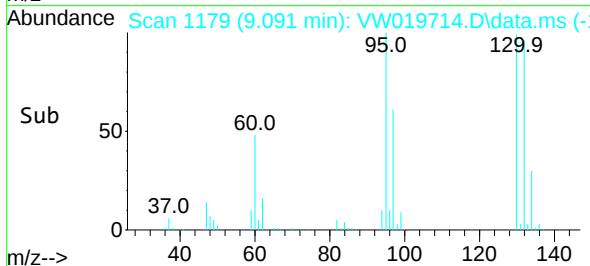
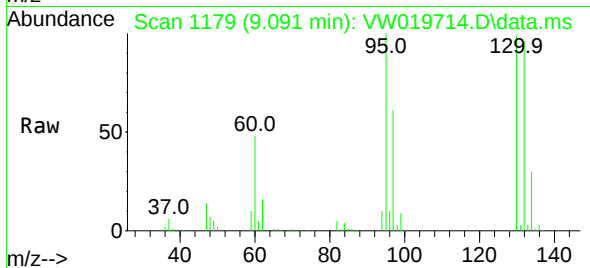
Ion Ratio Lower Upper

95 100

97 60.8 47.3 87.8

132 95.9 71.0 131.8

130 98.9 65.1 120.9



#35

Methylcyclohexane

Concen: 22.194 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.006 min

Lab File: VW019714.D

Acq: 12 Aug 2021 08:40

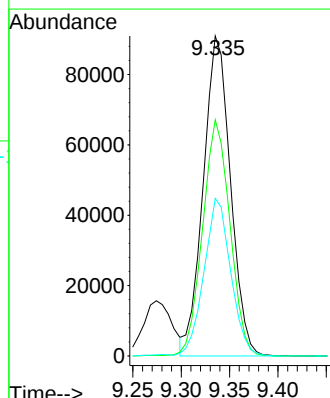
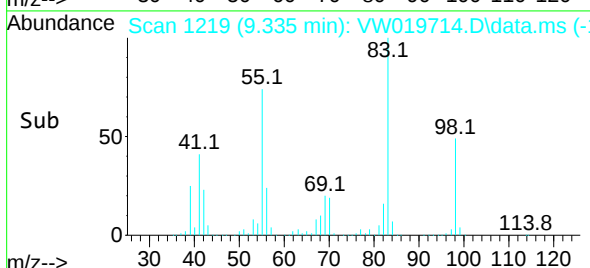
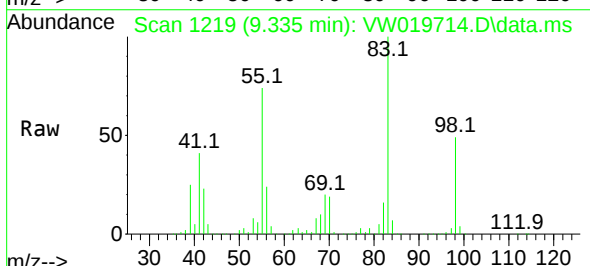
Tgt Ion: 83 Resp: 178437

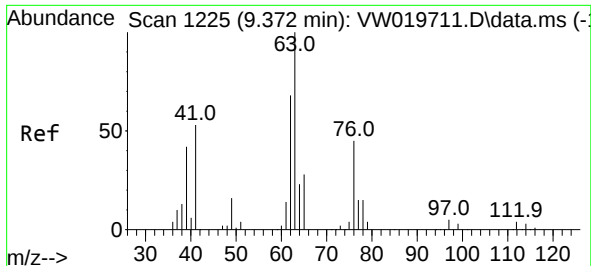
Ion Ratio Lower Upper

83 100

55 74.0 58.9 88.3

98 48.2 40.1 60.1

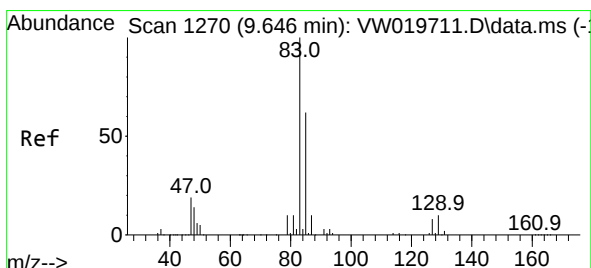
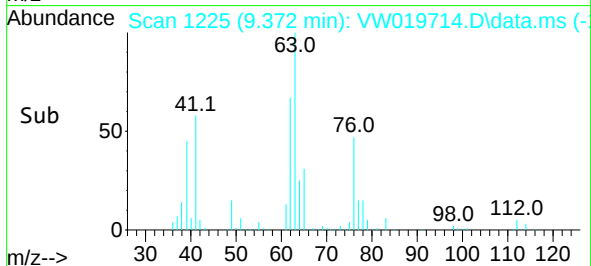
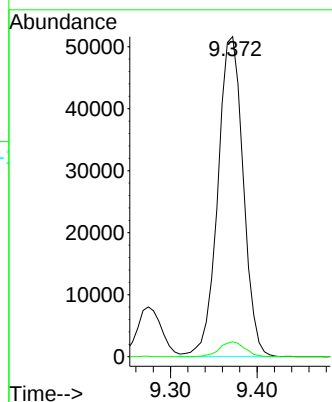
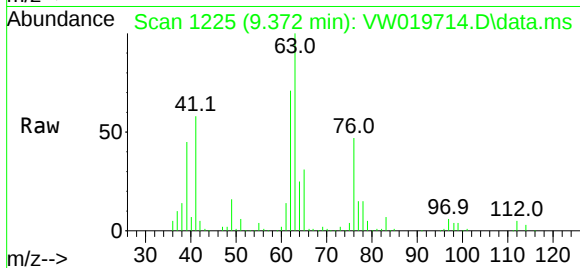




#37
1,2-Dichloropropane
Concen: 21.471 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

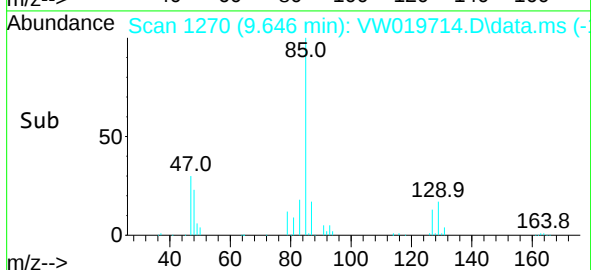
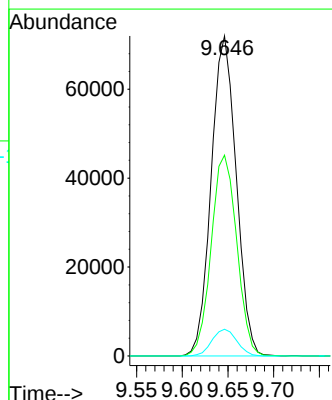
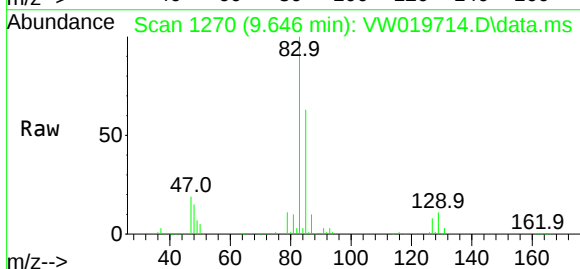
Instrument :
MSVOA_W
ClientSampled :

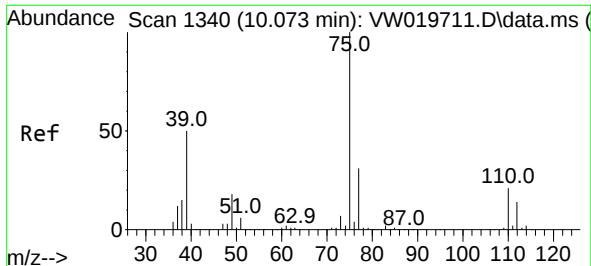
Tgt Ion: 63 Resp: 105152
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 22.111 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 83 Resp: 137158
Ion Ratio Lower Upper
83 100
85 62.7 42.3 78.5
127 8.4 6.6 9.8

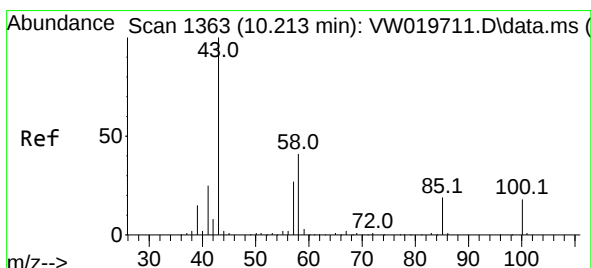
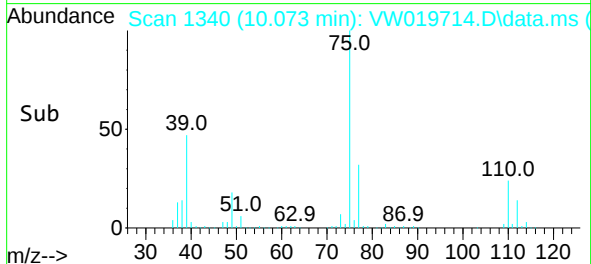
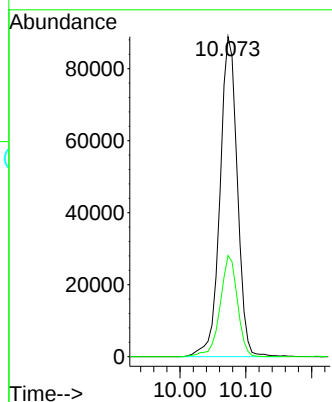
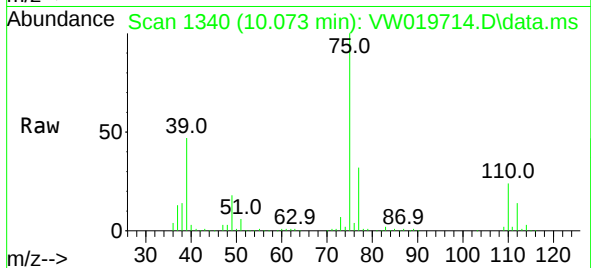




#39
 cis-1,3-Dichloropropene
 Concen: 21.867 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW019714.D
 Acq: 12 Aug 2021 08:40

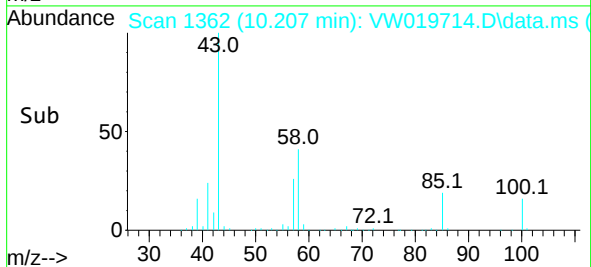
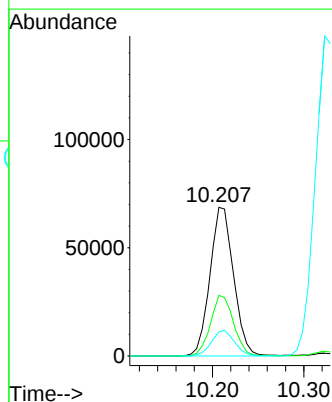
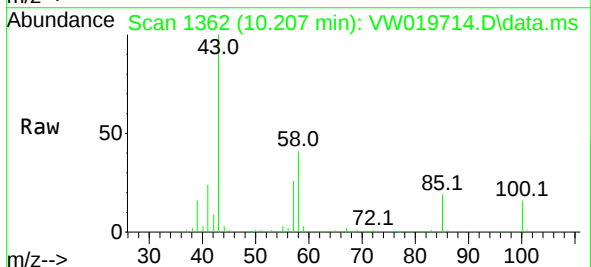
Instrument :
 MSVOA_W
 ClientSampled :

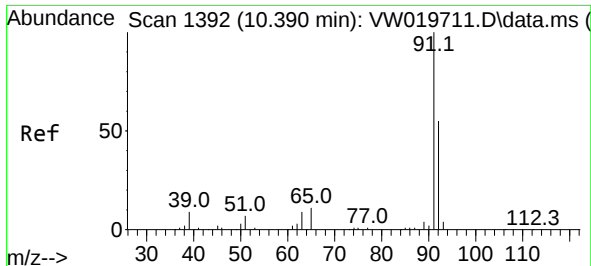
Tgt Ion: 75 Resp: 163397
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 40.974 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW019714.D
 Acq: 12 Aug 2021 08:40

Tgt Ion: 43 Resp: 123320
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.0 46.4
 100 16.9 13.0 19.6

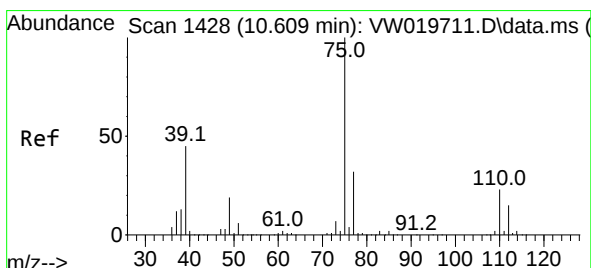
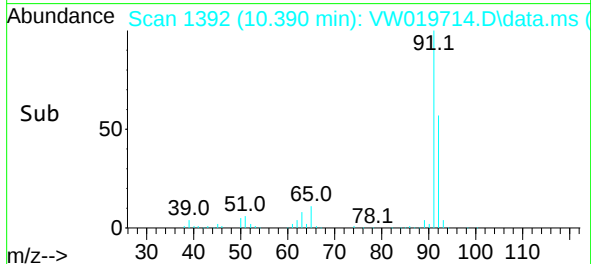
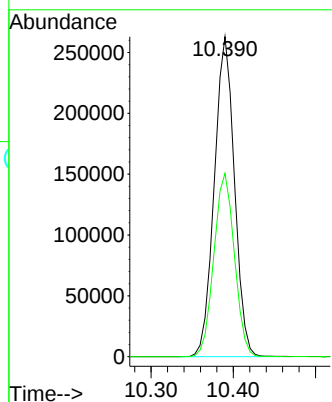
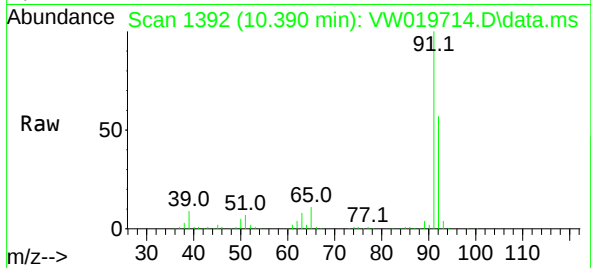




#42
Toluene
Concen: 21.754 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

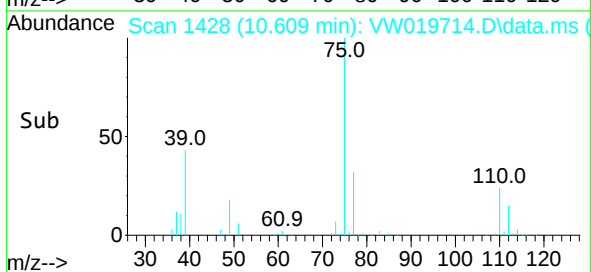
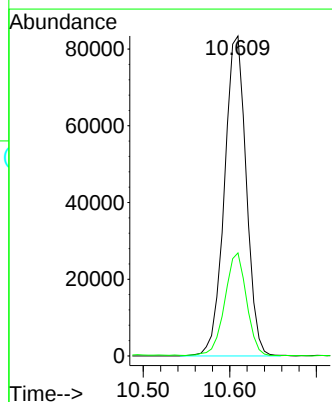
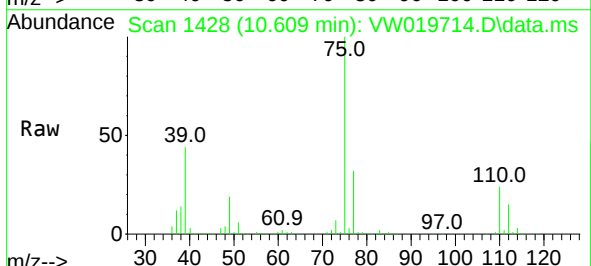
Instrument :
MSVOA_W
ClientSampled :

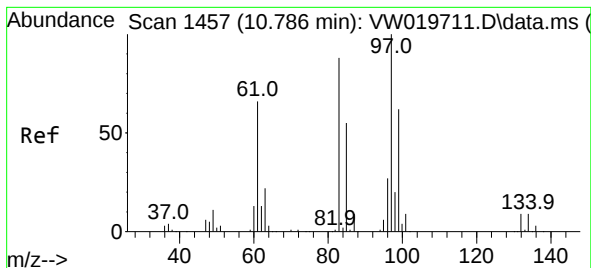
Tgt Ion: 91 Resp: 447544
Ion Ratio Lower Upper
91 100
92 57.3 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 22.308 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 75 Resp: 145964
Ion Ratio Lower Upper
75 100
77 32.2 21.1 39.1



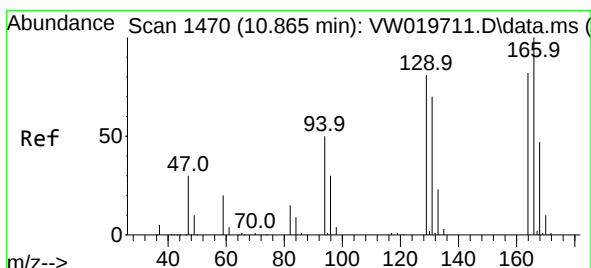
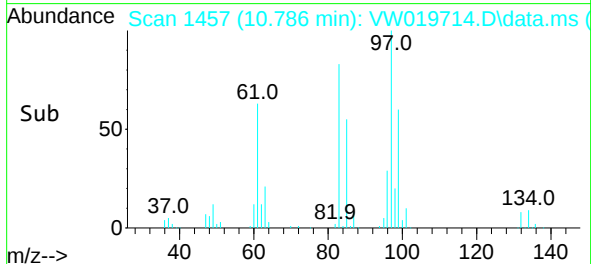
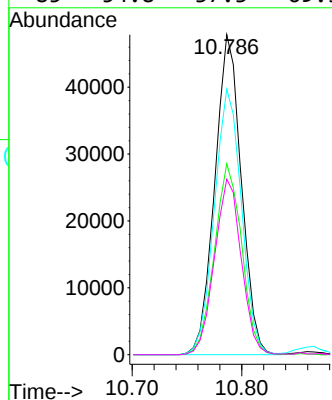
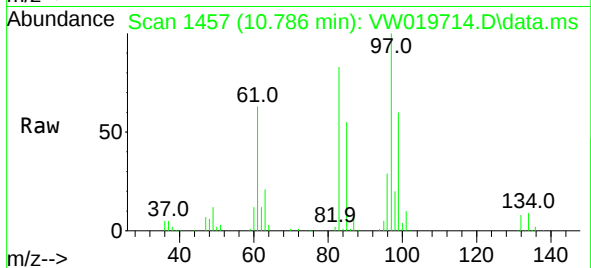


#45
1,1,2-Trichloroethane
Concen: 22.207 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 80436

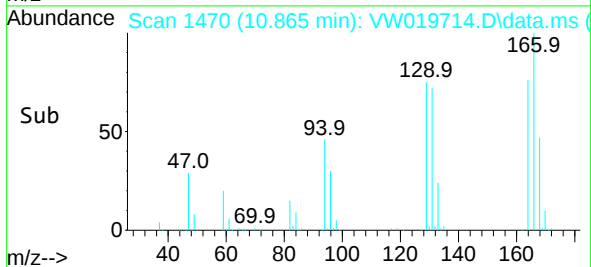
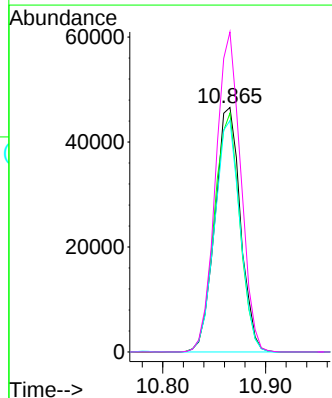
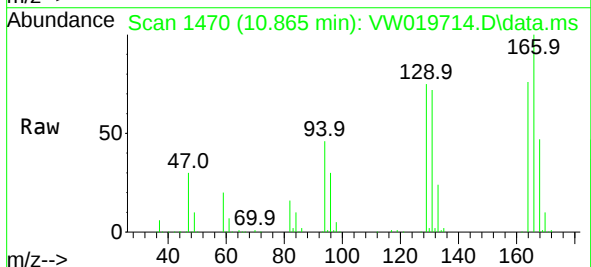
Ion	Ratio	Lower	Upper
97	100		
99	59.6	45.1	83.7
83	83.0	58.1	107.9
85	54.8	37.3	69.3

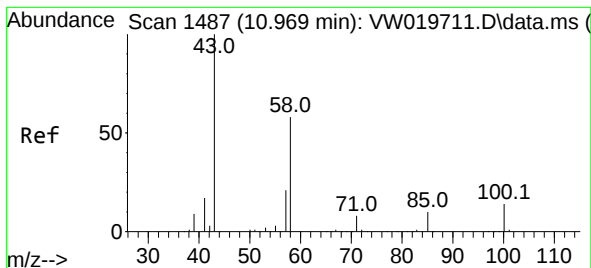


#46
Tetrachloroethene
Concen: 22.002 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 164 Resp: 80374

Ion	Ratio	Lower	Upper
164	100		
129	97.7	66.7	123.9
131	94.6	61.1	113.5
166	130.9	87.0	161.6

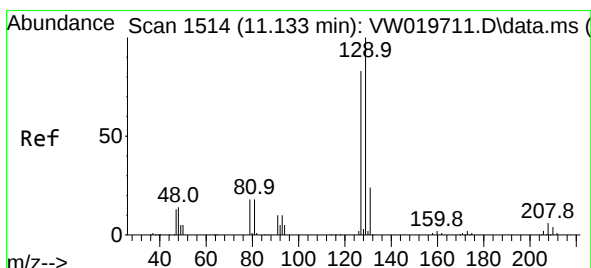
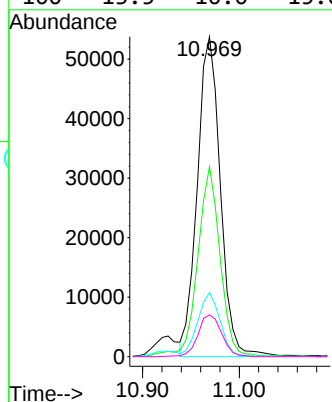
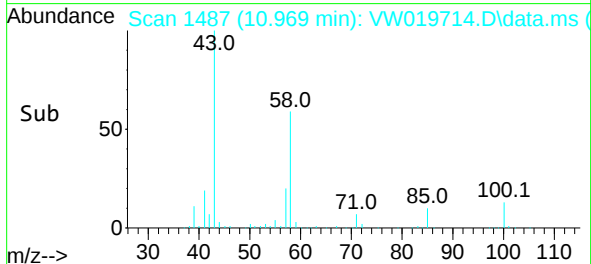
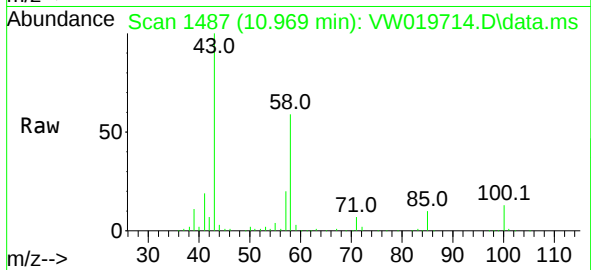




#48
2-Hexanone
Concen: 43.105 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

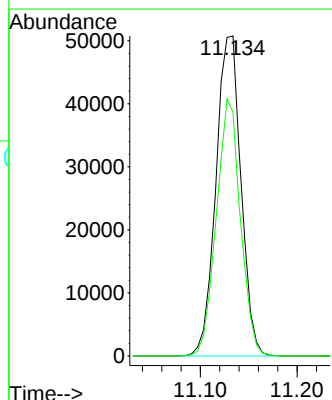
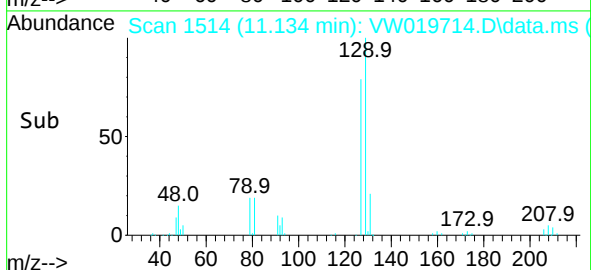
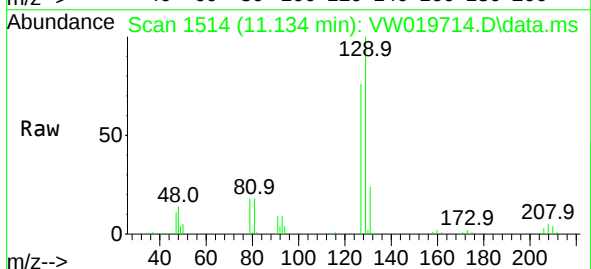
Instrument :
MSVOA_W
ClientSampled :

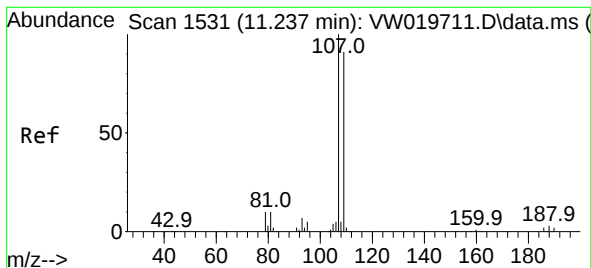
Tgt Ion:	43	Resp:	89250
Ion	Ratio	Lower	Upper
43	100		
58	56.5	42.7	64.1
57	19.5	15.8	23.8
100	13.5	10.0	15.0



#49
Dibromochloromethane
Concen: 22.740 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

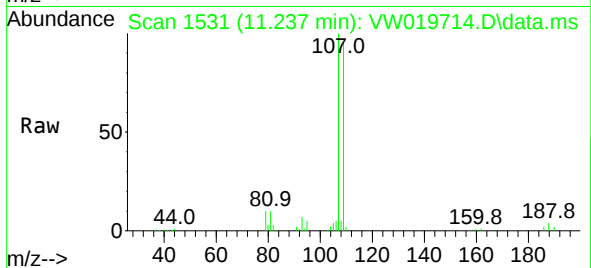
Tgt Ion:	129	Resp:	91262
Ion	Ratio	Lower	Upper
129	100		
127	76.1	51.7	95.9



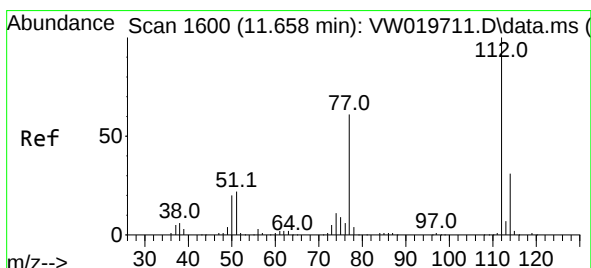
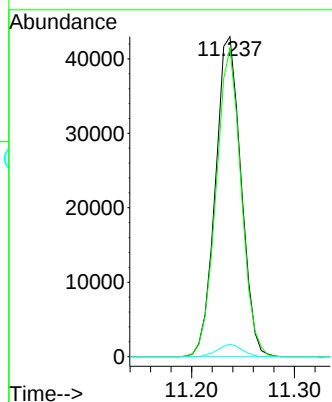
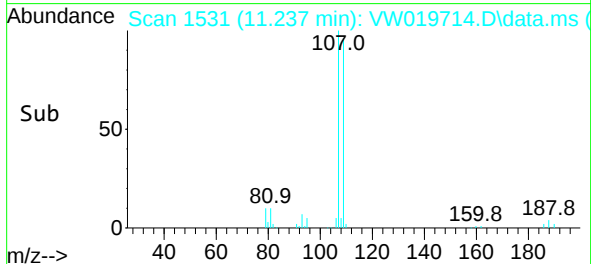


#50
1,2-Dibromoethane
Concen: 21.570 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

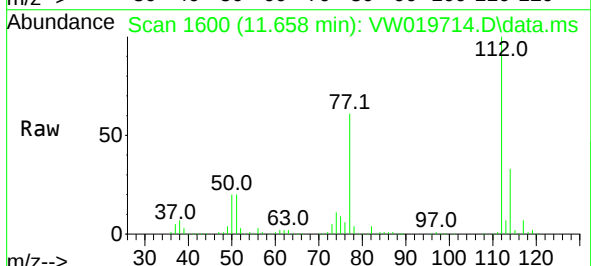
Instrument :
MSVOA_W
ClientSampleId :



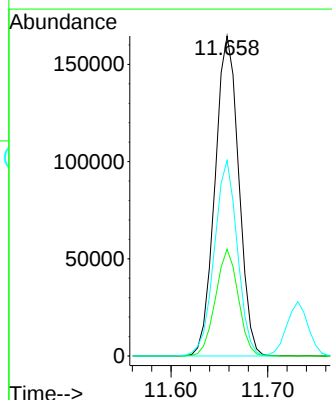
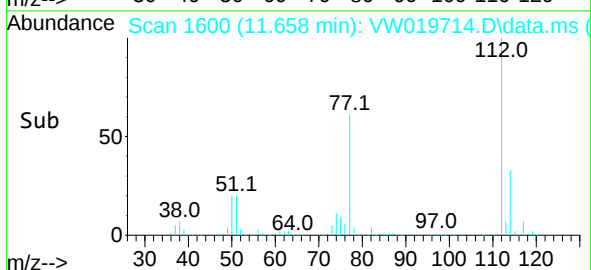
Tgt Ion:107 Resp: 74348
Ion Ratio Lower Upper
107 100
109 96.4 65.4 121.4
188 3.9 2.6 4.0

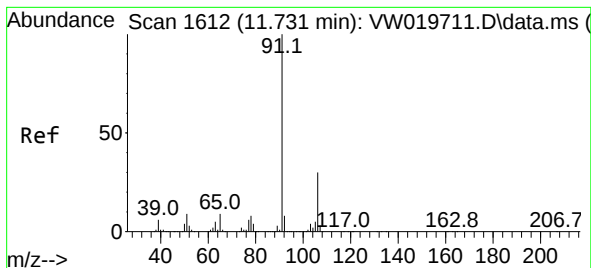


#51
Chlorobenzene
Concen: 22.275 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40



Tgt Ion:112 Resp: 280227
Ion Ratio Lower Upper
112 100
114 33.3 23.4 43.6
77 61.1 47.6 71.4

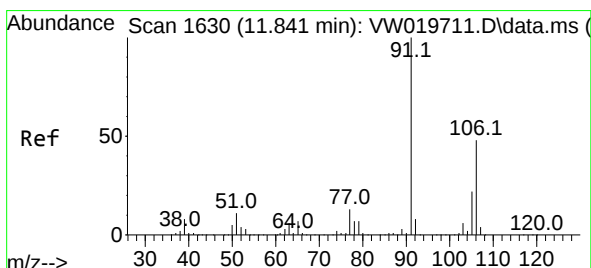
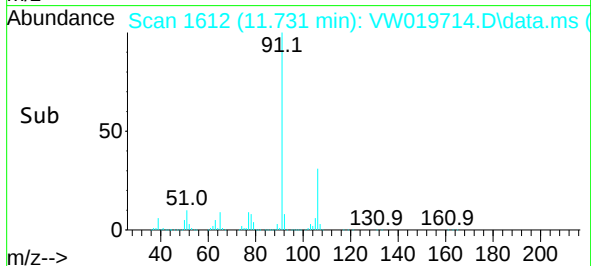
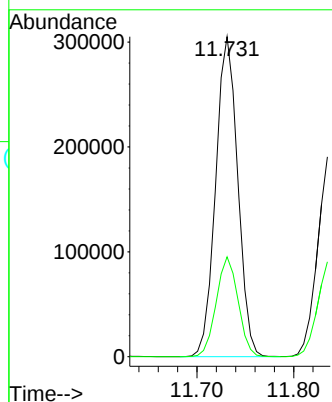
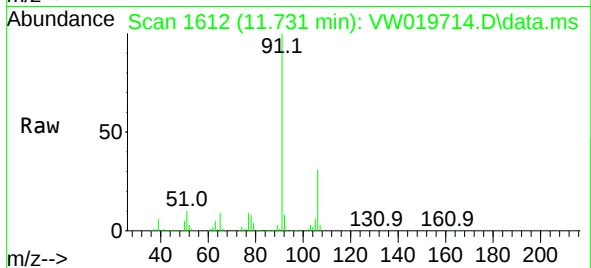




#52
Ethylbenzene
Concen: 22.430 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

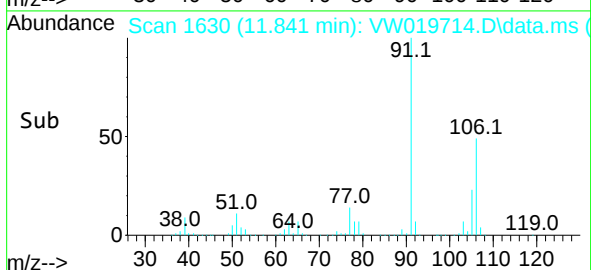
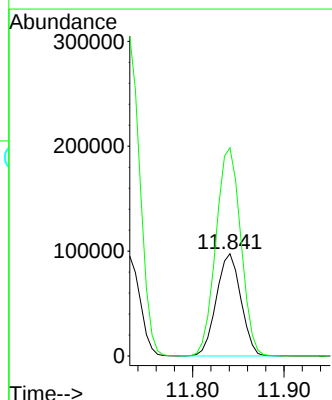
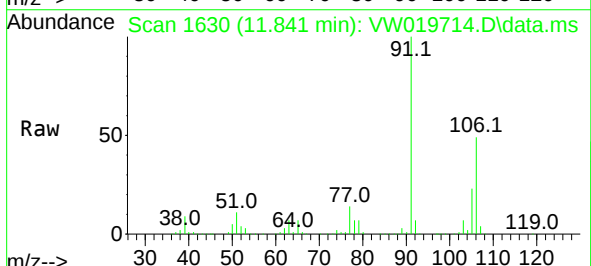
Instrument :
MSVOA_W
ClientSampleId :

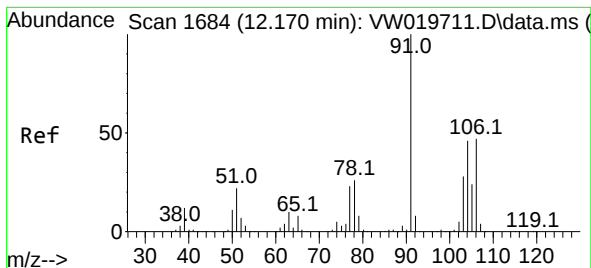
Tgt Ion: 91 Resp: 483635
Ion Ratio Lower Upper
91 100
106 31.2 22.5 41.7



#53
m,p-Xylene
Concen: 22.140 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 106 Resp: 181747
Ion Ratio Lower Upper
106 100
91 203.5 141.3 262.3

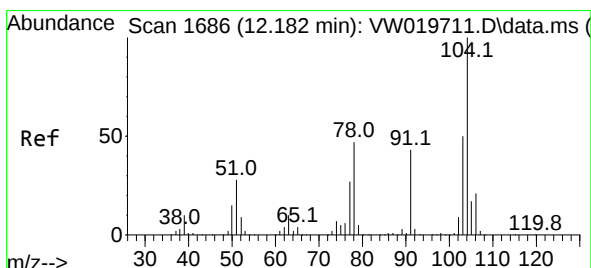
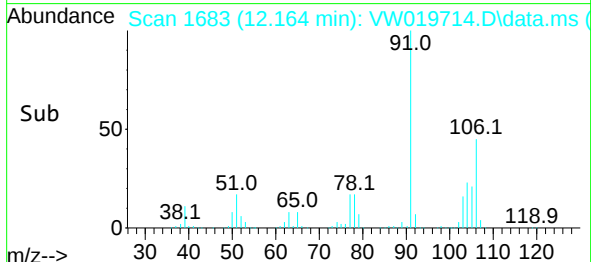
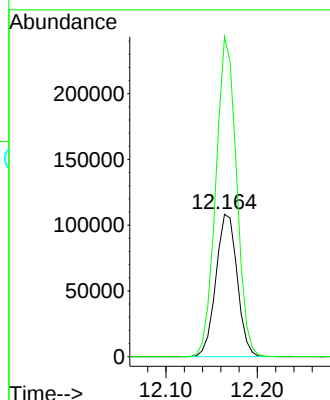
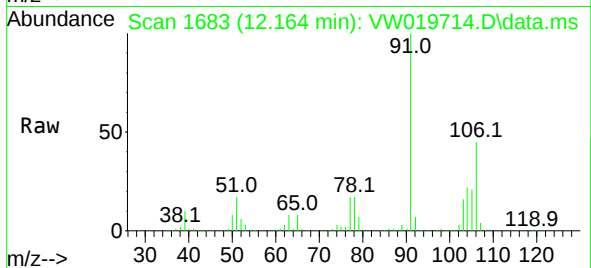




#54
o-Xylene
Concen: 22.156 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

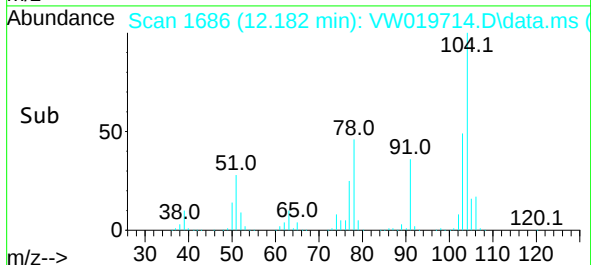
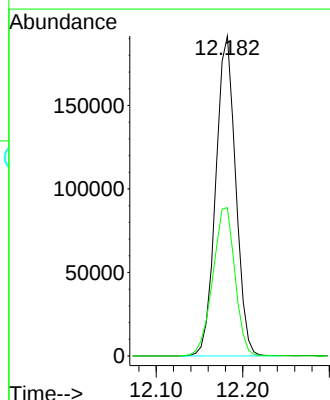
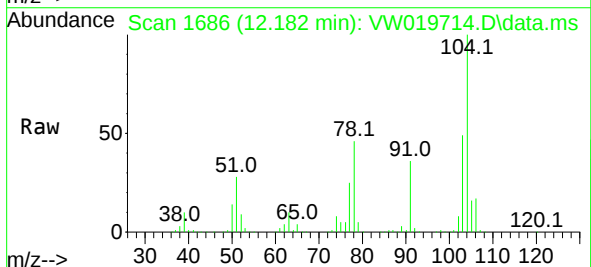
Instrument :
MSVOA_W
ClientSampleId :

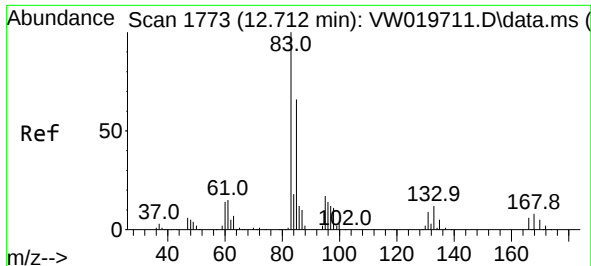
Tgt Ion:106 Resp: 175519
Ion Ratio Lower Upper
106 100
91 224.6 150.0 278.6



#55
Styrene
Concen: 22.462 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion:104 Resp: 305580
Ion Ratio Lower Upper
104 100
78 46.3 32.5 60.3

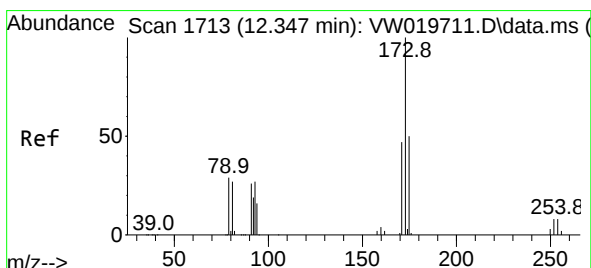
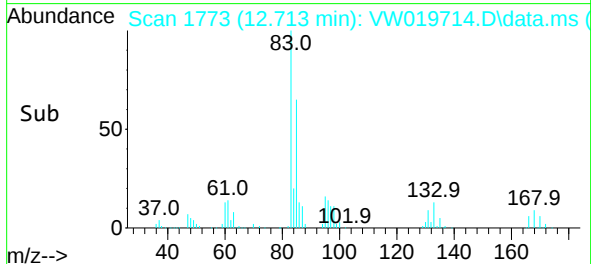
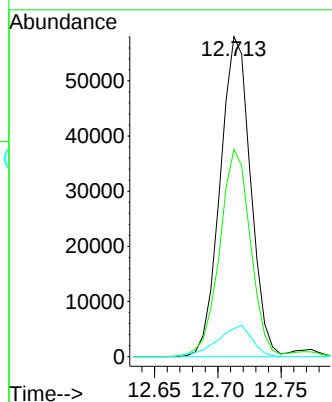
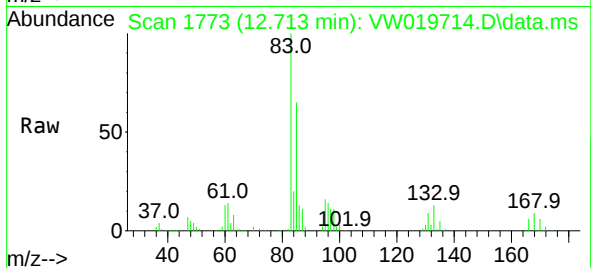




#57
1,1,2,2-Tetrachloroethane
Concen: 21.025 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

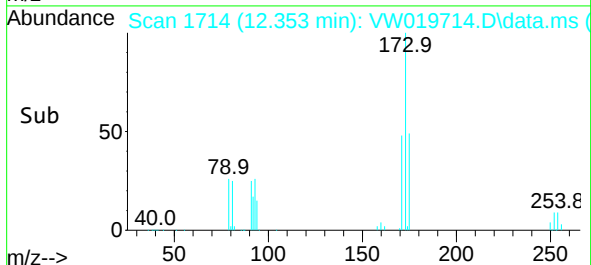
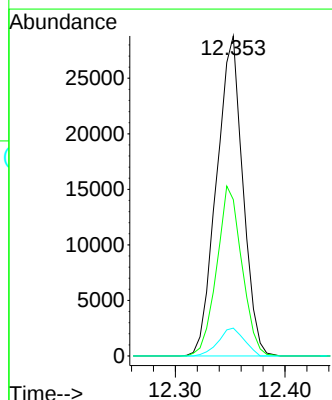
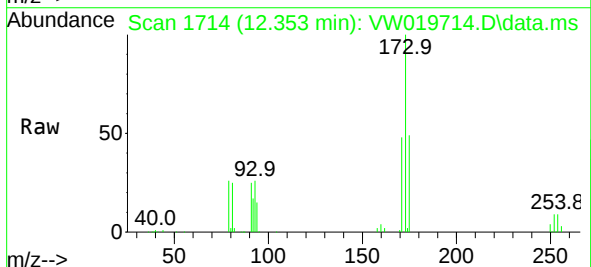
Instrument :
MSVOA_W
ClientSampled :

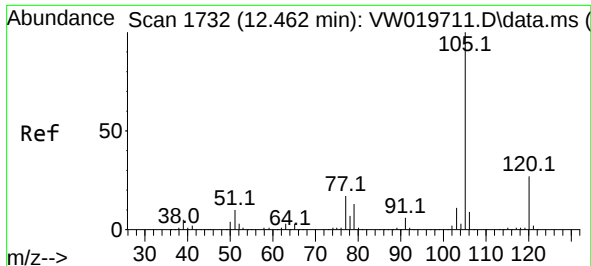
Tgt Ion: 83 Resp: 96900
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4
131 8.8 8.2 12.4



#59
Bromoform
Concen: 21.774 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion:173 Resp: 47911
Ion Ratio Lower Upper
173 100
175 50.8 37.5 56.3
254 8.6 7.0 10.4

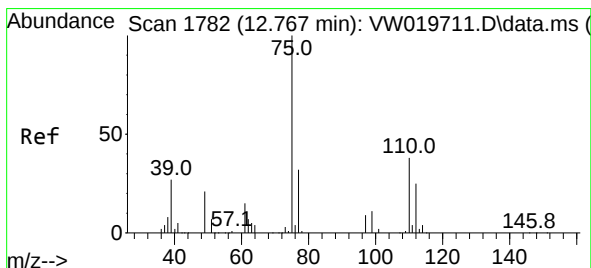
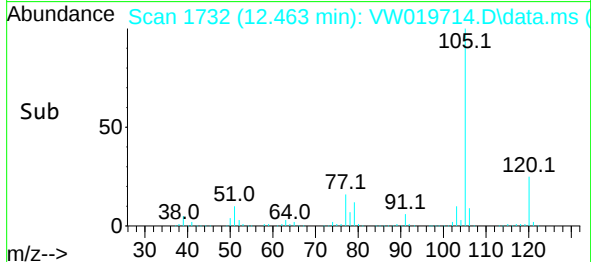
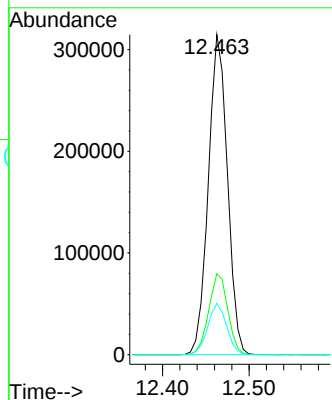
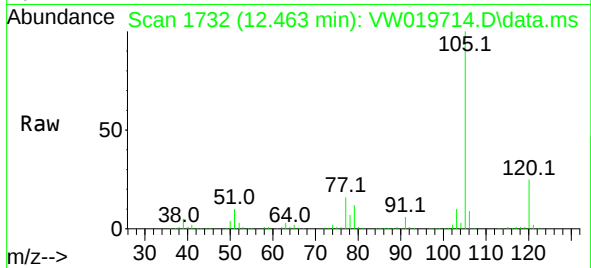




#60
Isopropylbenzene
Concen: 24.330 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

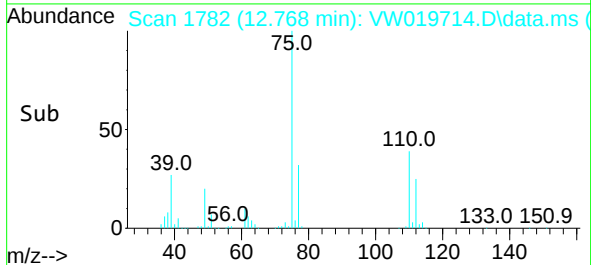
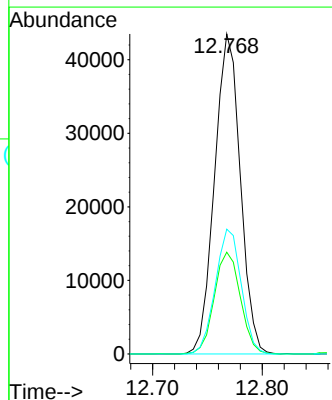
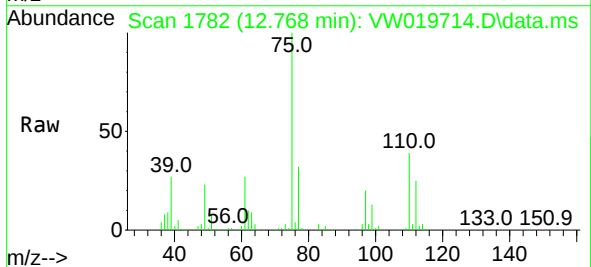
Instrument :
MSVOA_W
ClientSampled :

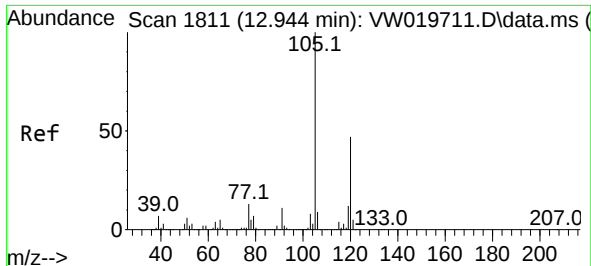
Tgt Ion:105 Resp: 481627
Ion Ratio Lower Upper
105 100
120 25.4 21.1 31.7
77 15.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 21.662 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion: 75 Resp: 70918
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 39.2 32.6 48.8

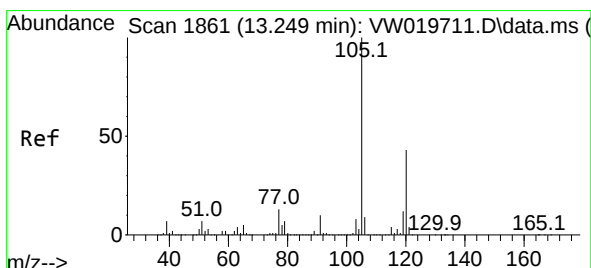
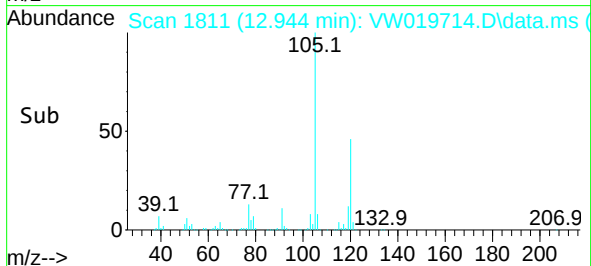
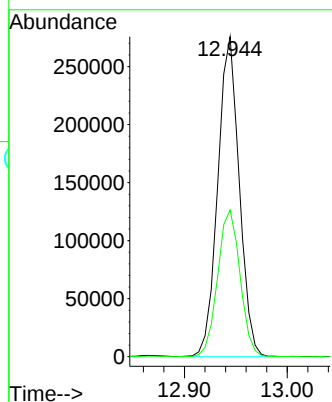
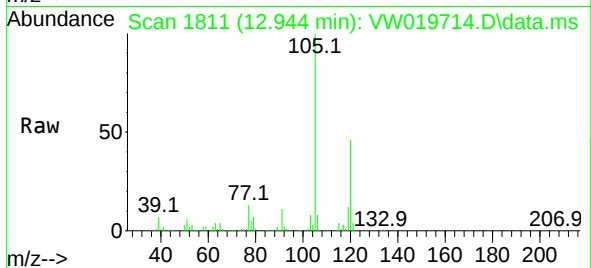




#62
1,3,5-Trimethylbenzene
Concen: 24.234 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

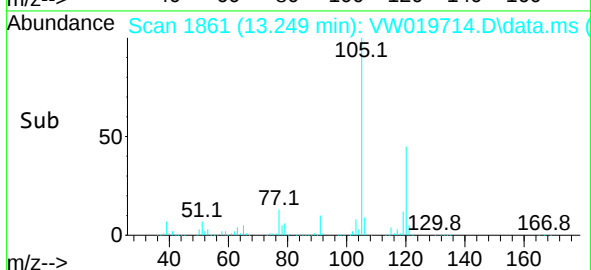
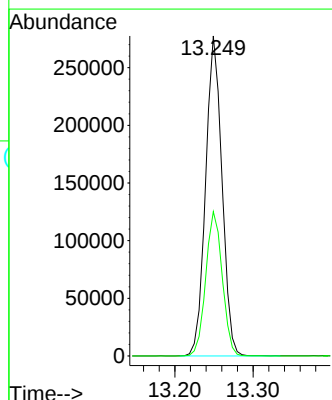
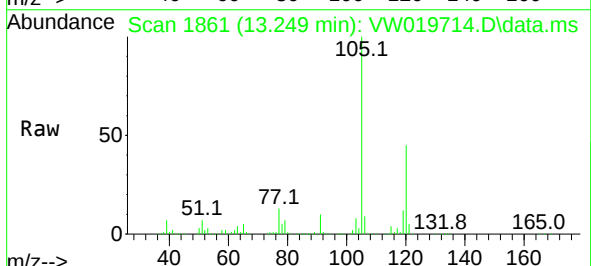
Instrument :
MSVOA_W
ClientSampled :

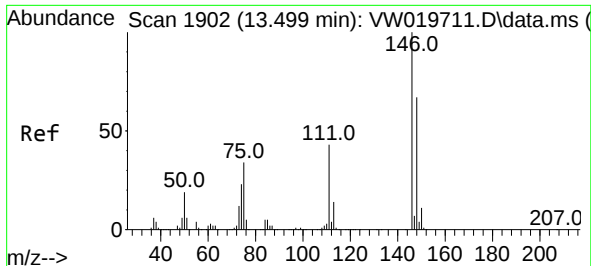
Tgt Ion:105 Resp: 399513
Ion Ratio Lower Upper
105 100
120 47.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 23.362 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion:105 Resp: 401769
Ion Ratio Lower Upper
105 100
120 45.5 35.6 53.4

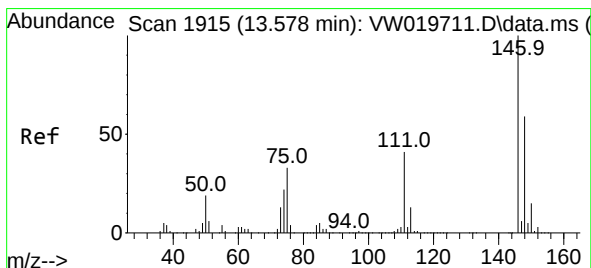
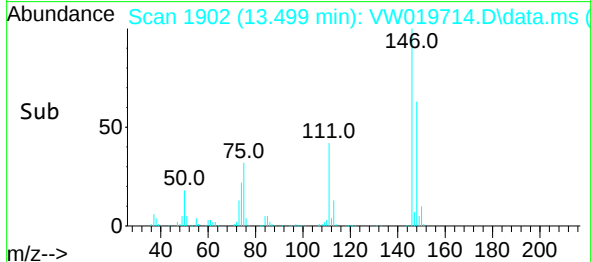
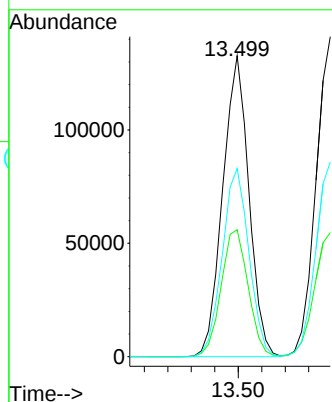
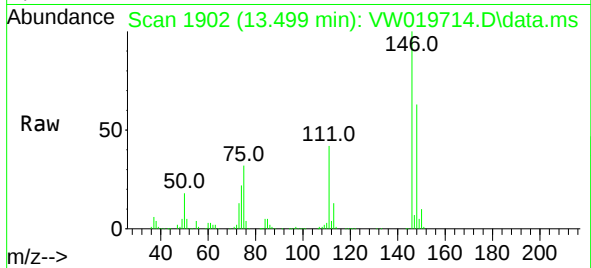




#64
1,3-Dichlorobenzene
Concen: 21.412 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

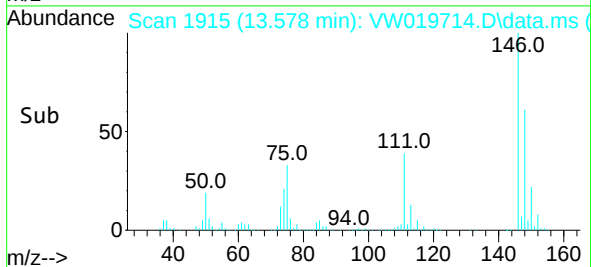
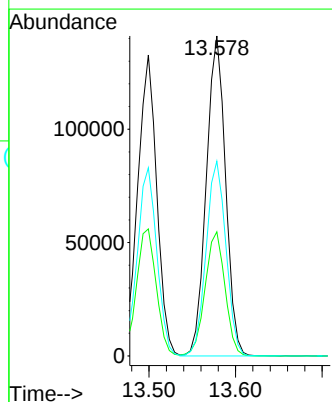
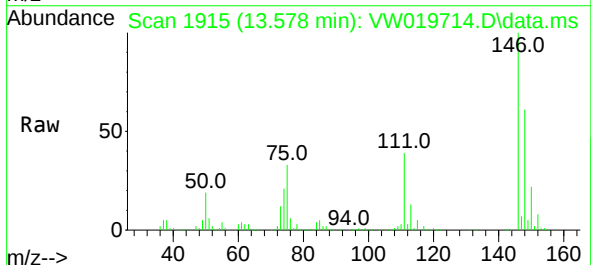
Instrument :
MSVOA_W
ClientSampleId :

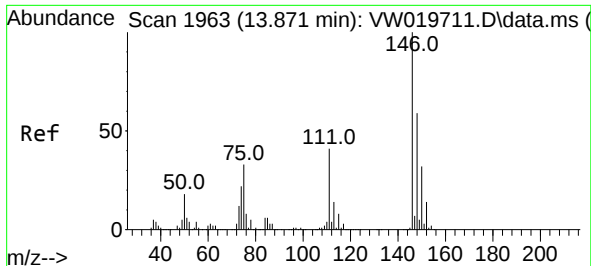
Tgt Ion:146 Resp: 205264
Ion Ratio Lower Upper
146 100
111 42.2 26.7 49.7
148 62.5 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 22.557 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion:146 Resp: 217996
Ion Ratio Lower Upper
146 100
111 38.8 28.8 53.4
148 60.9 46.8 87.0

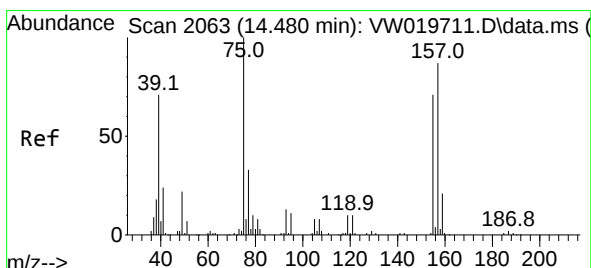
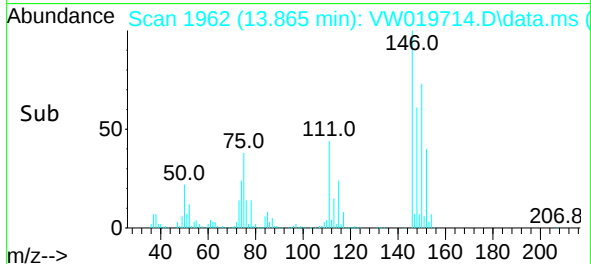
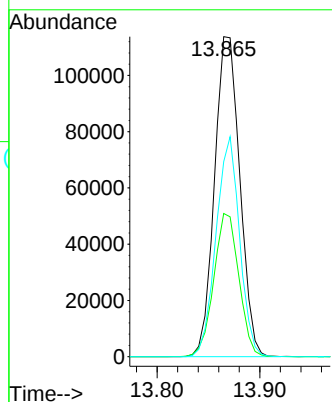
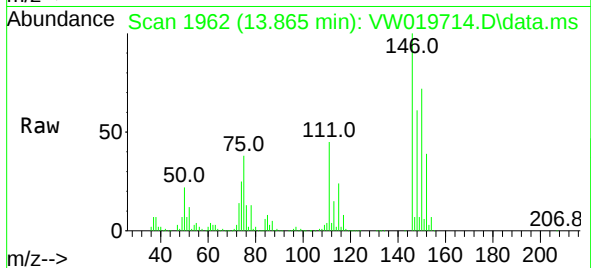




#67
1,2-Dichlorobenzene
Concen: 23.101 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

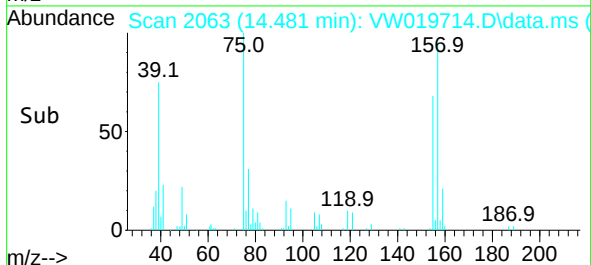
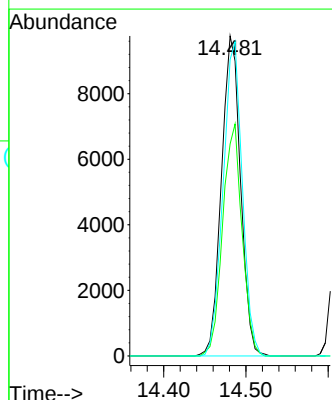
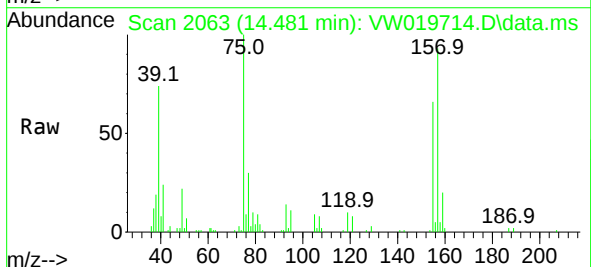
Instrument :
MSVOA_W
ClientSampleId :

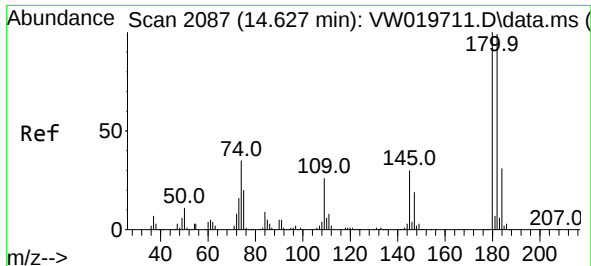
Tgt Ion:146 Resp: 194393
Ion Ratio Lower Upper
146 100
111 44.7 33.2 49.8
148 60.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.678 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

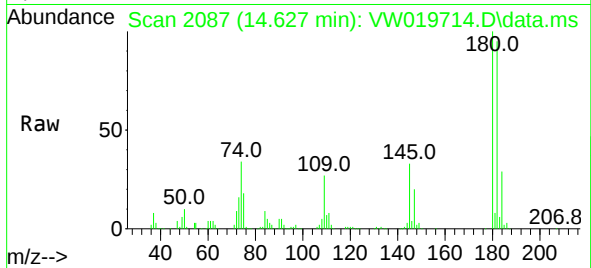
Tgt Ion: 75 Resp: 15765
Ion Ratio Lower Upper
75 100
155 66.3 59.4 89.0
157 92.7 72.2 108.2



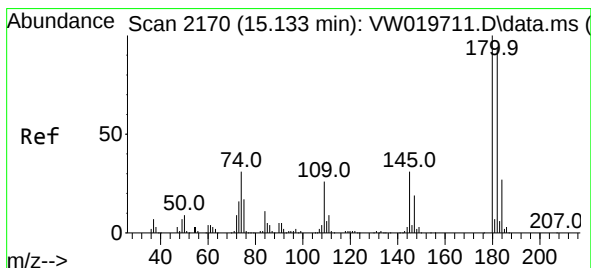
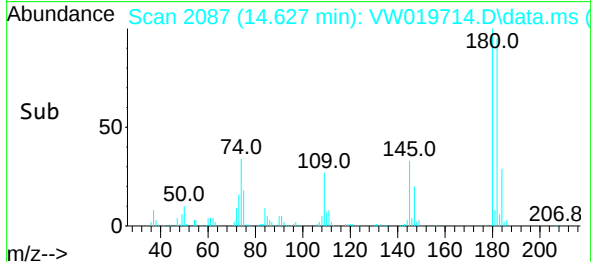
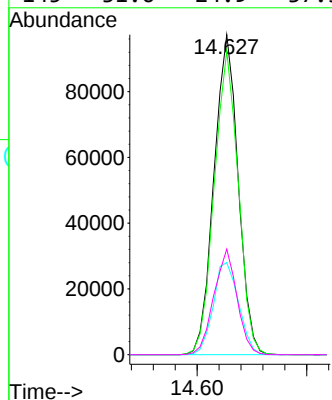


#69
1,3,5-Trichlorobenzene
Concen: 24.337 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

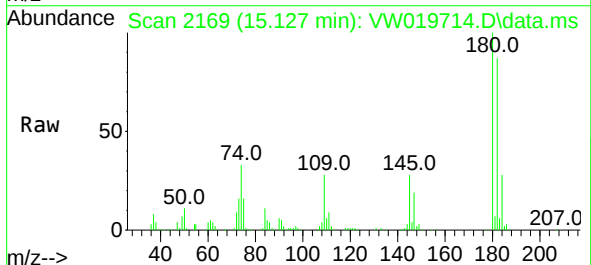
Instrument :
MSVOA_W
ClientSampled :



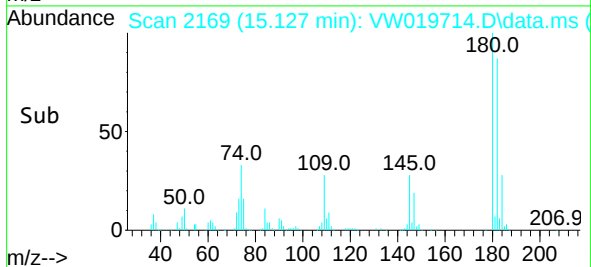
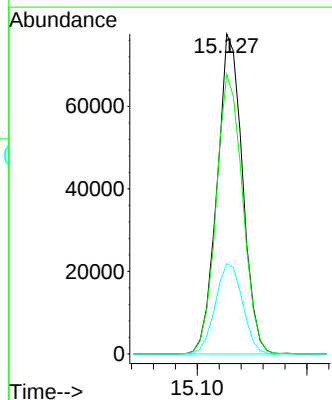
Tgt Ion:180 Resp: 149037
Ion Ratio Lower Upper
180 100
182 94.3 73.4 110.2
184 30.2 23.6 35.4
145 31.6 24.9 37.3

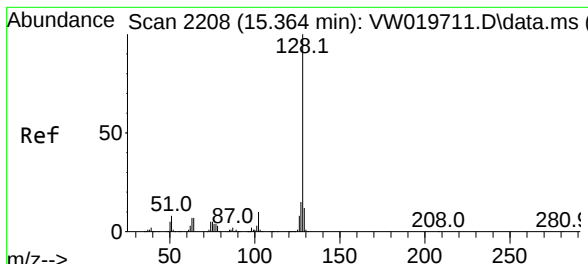


#70
1,2,4-trichlorobenzene
Concen: 24.233 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40



Tgt Ion:180 Resp: 124958
Ion Ratio Lower Upper
180 100
182 90.6 74.7 112.1
145 30.2 25.0 37.4

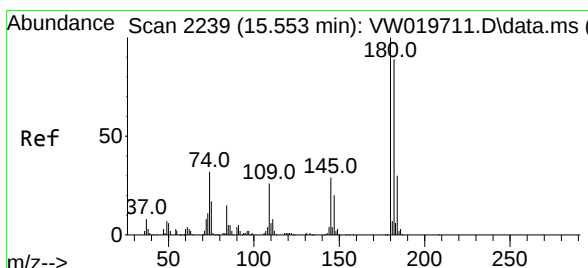
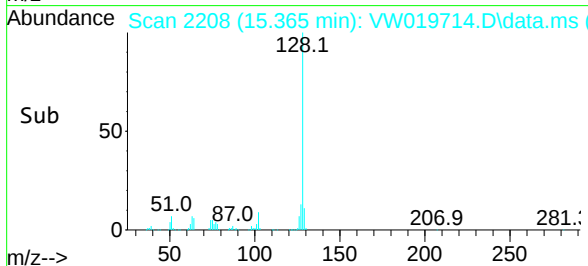
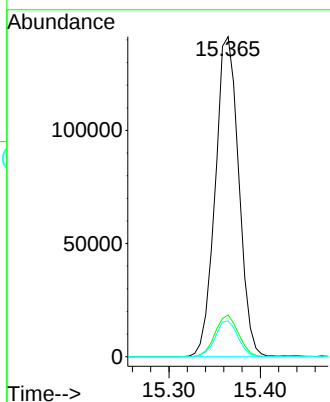
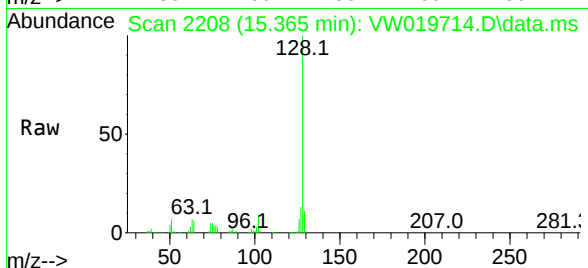




#71
Naphthalene
Concen: 25.198 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 252548
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.177 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019714.D
Acq: 12 Aug 2021 08:40

Tgt Ion:180 Resp: 110271
Ion Ratio Lower Upper
180 100
182 93.7 76.7 115.1
145 34.3 28.9 43.3

