

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
 Data File : VW019740.D
 Acq On : 13 Aug 2021 17:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Aug 14 01:20:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 14 01:17:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	325081	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	320271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	159445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	90306	23.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
7) Chloroethane-d5	2.897	69	100394	26.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.040%
11) 1,1-Dichloroethene-d2	4.031	63	167409	21.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.720%
21) 2-Butanone-d5	7.080	46	79754	64.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.660%
24) Chloroform-d	7.653	84	238692	24.287	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	8.311	65	136449	23.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.281	84	419656	19.790	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	9.274	67	139075	21.801	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.200%
41) Toluene-d8	10.323	98	369388	19.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	10.579	79	58675	22.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	10.926	63	64113	57.288	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.580%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	139476	25.197	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	146896	24.979	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	73201	20.567	ug/L	99
3) Chloromethane	2.221	50	100680	27.959	ug/L	98
5) Vinyl chloride	2.373	62	133395	27.495	ug/L	97
6) Bromomethane	2.782	94	98007	25.787	ug/L	96
8) Chloroethane	2.928	64	95148	29.165	ug/L	95
9) Trichlorofluoromethane	3.263	101	76660	25.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103226	25.790	ug/L	96
12) 1,1-Dichloroethene	4.050	96	96940	24.886	ug/L	96
13) Acetone	4.129	43	43431	42.620	ug/L	91
14) Carbon disulfide	4.391	76	255427	23.031	ug/L	100
15) Methyl Acetate	4.671	43	52015	27.294	ug/L	100
16) Methylene chloride	4.915	84	119463	21.990	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	105964	24.885	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	140890	22.772	ug/L	97
19) 1,1-Dichloroethane	6.220	63	208351	23.283	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	121848	25.251	ug/L	98
22) 2-Butanone	7.177	43	66568	48.835	ug/L	99
23) Bromochloromethane	7.519	128	55232	24.736	ug/L	94
25) Chloroform	7.683	83	220733	24.082	ug/L	98

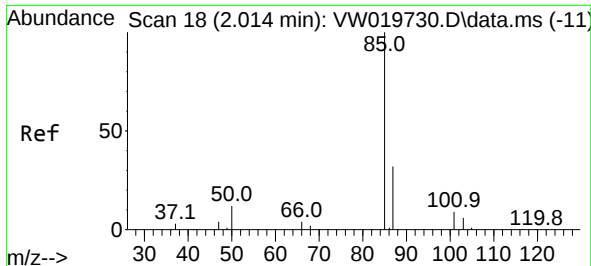
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
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Quant Time: Aug 14 01:20:41 2021
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 Quant Title : SFAM01.0
 QLast Update : Sat Aug 14 01:17:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148276	23.160	ug/L	98
29) Cyclohexane	7.957	56	161449	20.343	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	168116	20.502	ug/L	99
31) Carbon tetrachloride	8.073	117	156336	20.658	ug/L	98
33) Benzene	8.329	78	465882	20.990	ug/L	100
34) Trichloroethene	9.091	95	117879	21.421	ug/L	93
35) Methylcyclohexane	9.341	83	196524	21.581	ug/L	97
37) 1,2-Dichloropropane	9.372	63	120810	21.780	ug/L	99
38) Bromodichloromethane	9.646	83	162315	23.102	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	186354	22.019	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	154504	45.324	ug/L	98
42) Toluene	10.390	91	503370	21.602	ug/L	95
44) trans-1,3-Dichloropropene	10.609	75	167678	22.625	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	95041	23.166	ug/L	96
46) Tetrachloroethene	10.866	164	89460	21.621	ug/L	97
48) 2-Hexanone	10.969	43	109065	46.506	ug/L	96
49) Dibromochloromethane	11.128	129	108300	23.825	ug/L	99
50) 1,2-Dibromoethane	11.237	107	87852	22.503	ug/L	97
51) Chlorobenzene	11.658	112	316625	22.221	ug/L	98
52) Ethylbenzene	11.731	91	552316	22.615	ug/L	98
53) m,p-Xylene	11.841	106	210299	22.618	ug/L	99
54) o-Xylene	12.164	106	201534	22.461	ug/L	96
55) Styrene	12.182	104	359518	23.332	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	120047	22.997	ug/L	99
59) Bromoform	12.347	173	57743	23.826	ug/L	98
60) Isopropylbenzene	12.463	105	551035	25.272	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88686	24.595	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	454765	25.045	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	452615	23.895	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	243312	23.044	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	244783	22.996	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	225224	24.300	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	19428	27.611	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	171005	25.352	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	142462	25.083	ug/L	97
71) Naphthalene	15.365	128	315957	28.621	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	134680	26.809	ug/L	98

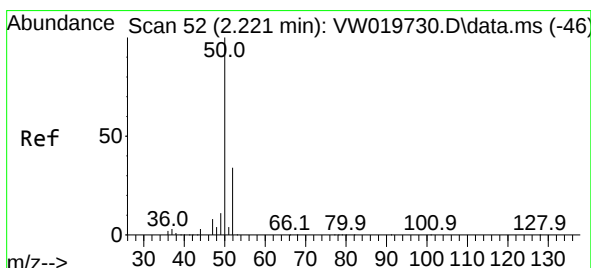
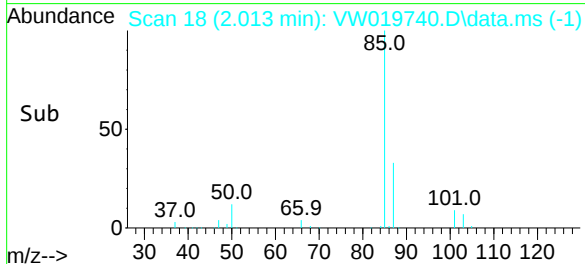
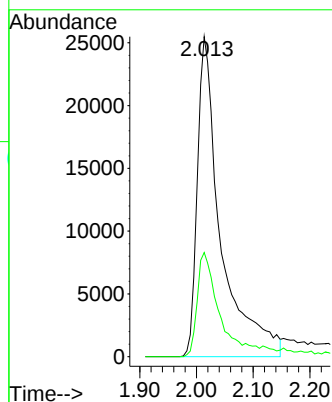
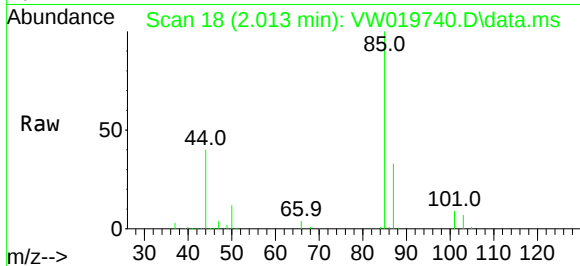
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 20.567 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

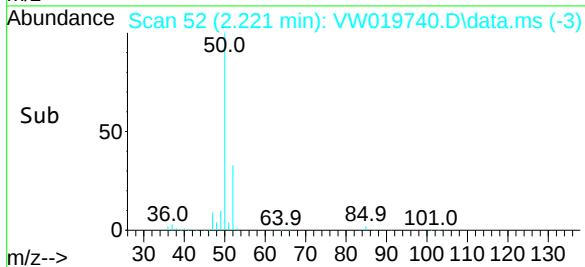
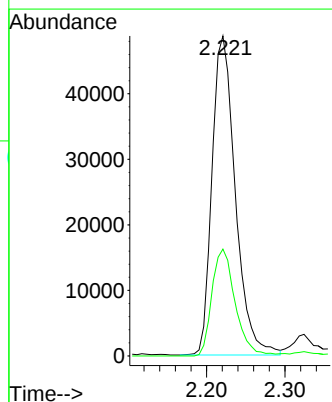
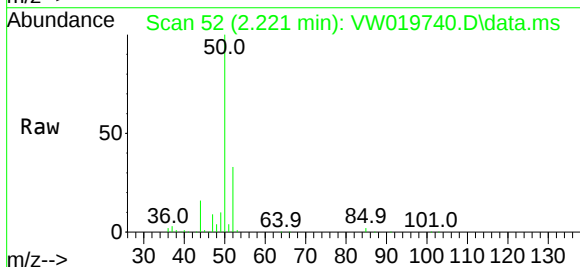
Instrument :
MSVOA_W
ClientSampled :
VSTD025510

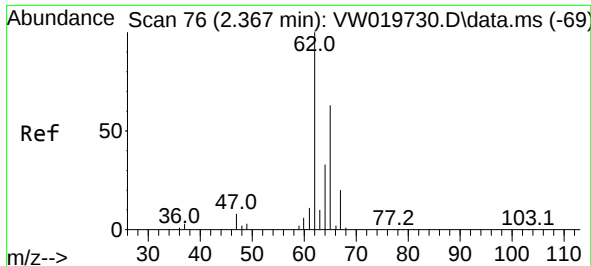
Tgt Ion: 85 Resp: 73201
Ion Ratio Lower Upper
85 100
87 28.5 23.3 34.9



#3
Chloromethane
Concen: 27.959 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 50 Resp: 100680
Ion Ratio Lower Upper
50 100
52 33.4 22.5 41.9

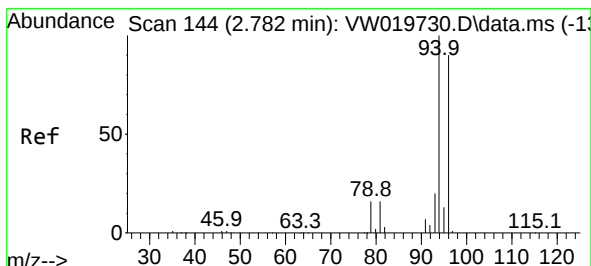
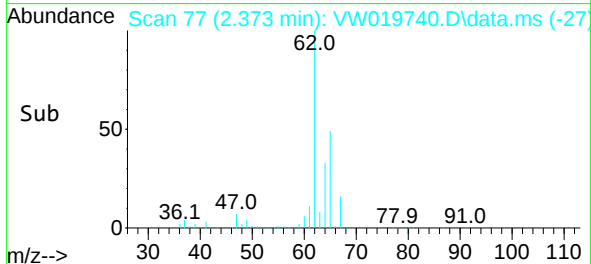
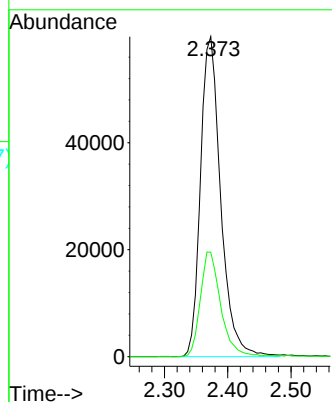
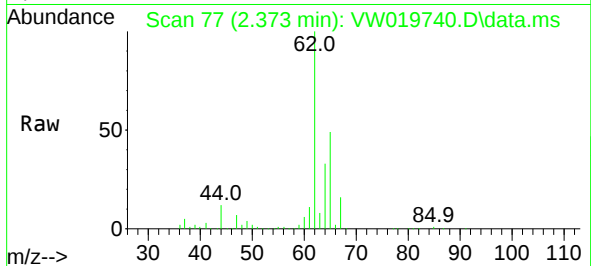




#5
 Vinyl chloride
 Concen: 27.495 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW019740.D
 Acq: 13 Aug 2021 17:21

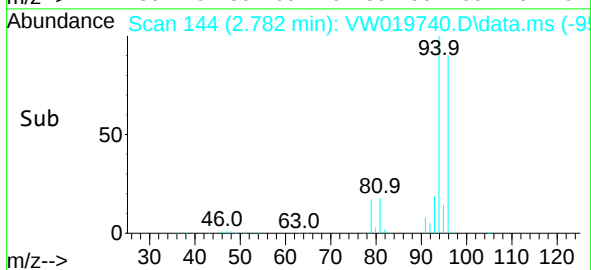
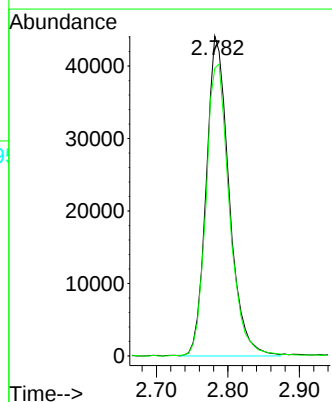
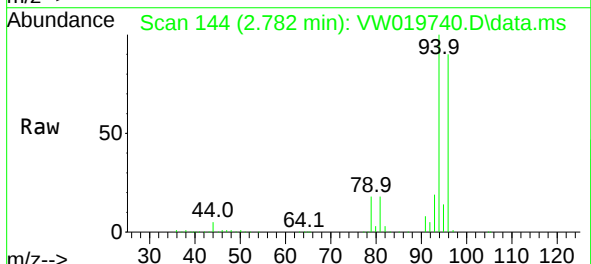
Instrument :
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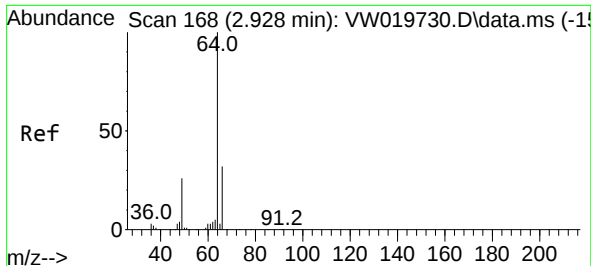
Tgt Ion: 62 Resp: 133395
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 45.0



#6
 Bromomethane
 Concen: 25.787 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW019740.D
 Acq: 13 Aug 2021 17:21

Tgt Ion: 94 Resp: 98007
 Ion Ratio Lower Upper
 94 100
 96 89.9 65.3 121.3

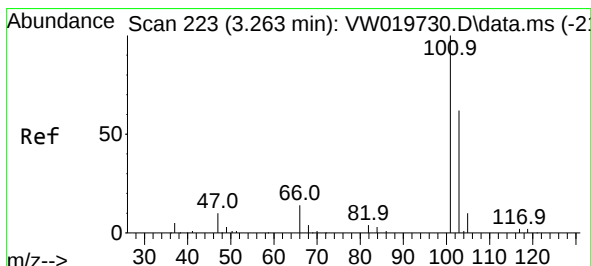
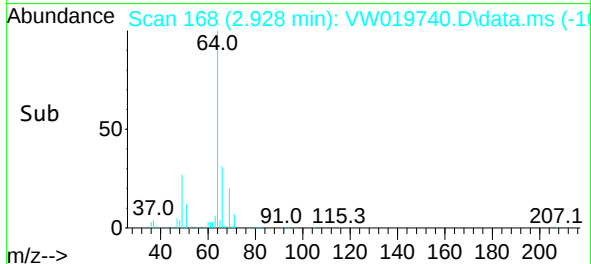
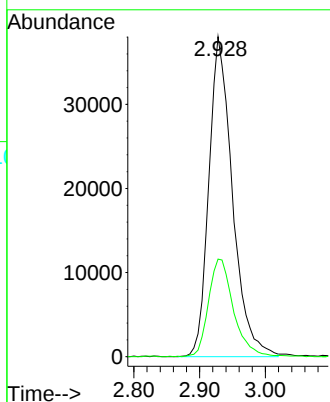
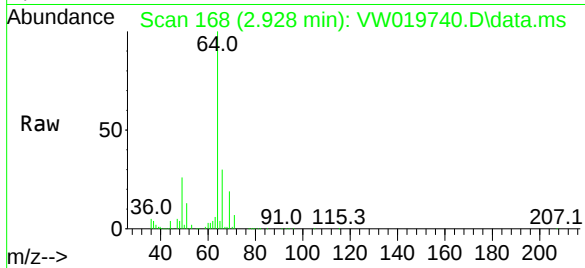




#8
Chloroethane
Concen: 29.165 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

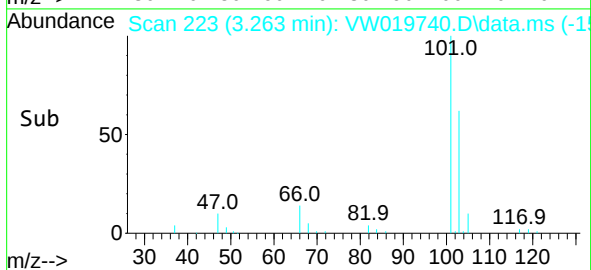
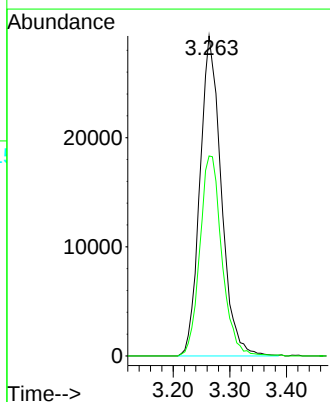
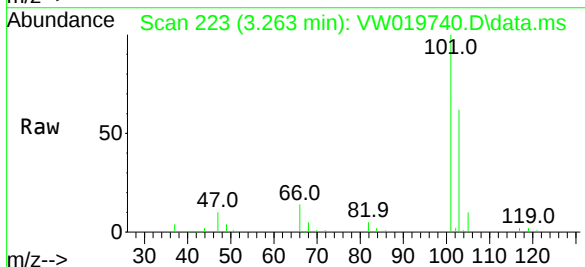
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ClientSampleId :
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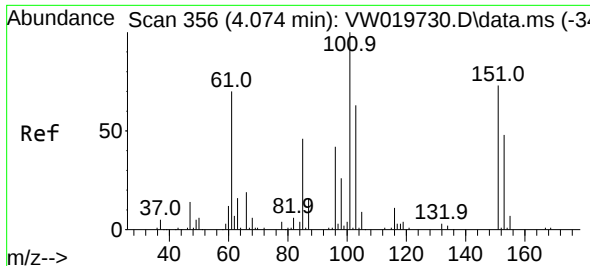
Tgt Ion: 64 Resp: 95148
Ion Ratio Lower Upper
64 100
66 30.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.524 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 101 Resp: 76660
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

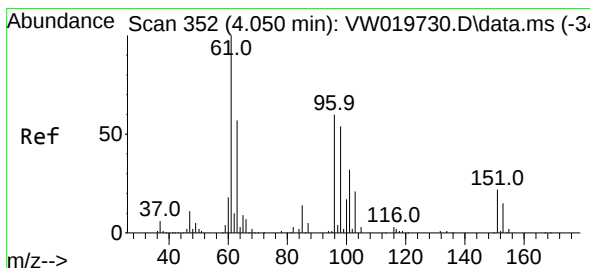
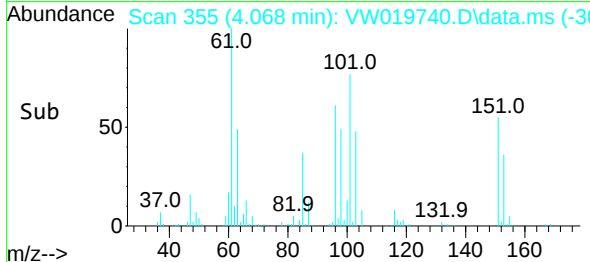
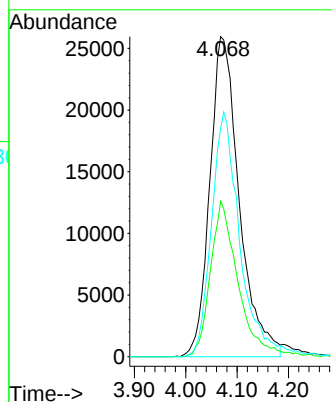
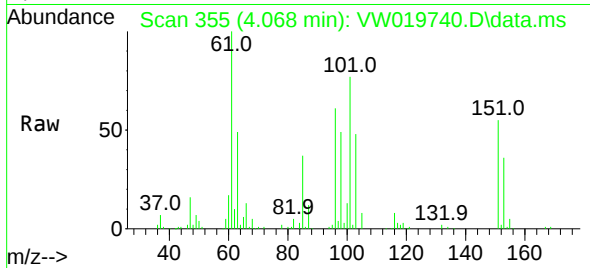




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.790 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW019740.D
 Acq: 13 Aug 2021 17:21

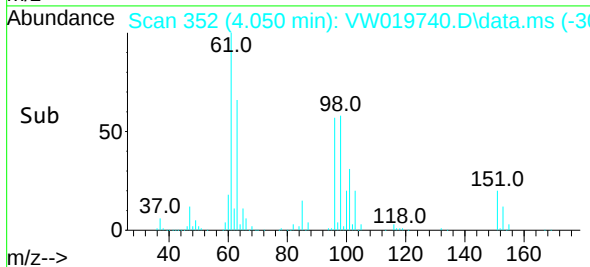
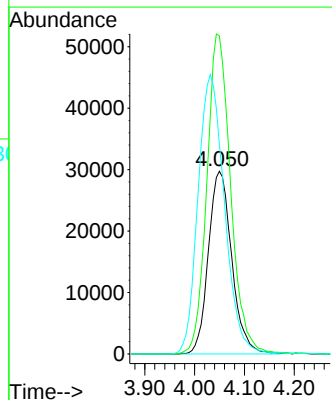
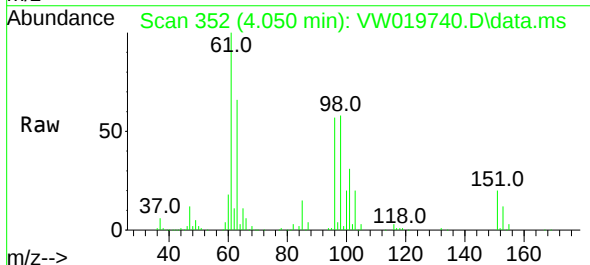
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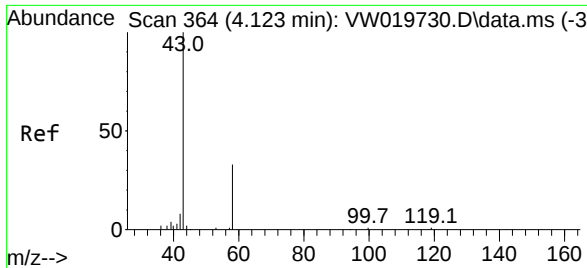
Tgt Ion:101 Resp: 103226
 Ion Ratio Lower Upper
 101 100
 85 45.1 38.2 57.2
 151 73.9 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.886 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW019740.D
 Acq: 13 Aug 2021 17:21

Tgt Ion: 96 Resp: 96940
 Ion Ratio Lower Upper
 96 100
 61 174.1 118.1 219.3
 63 114.5 83.7 155.5

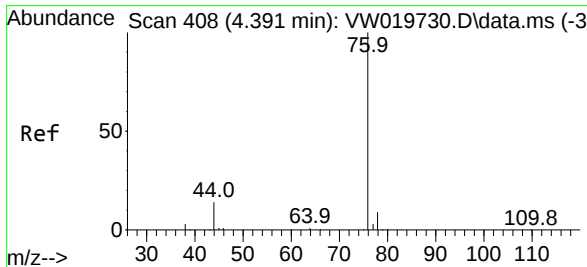
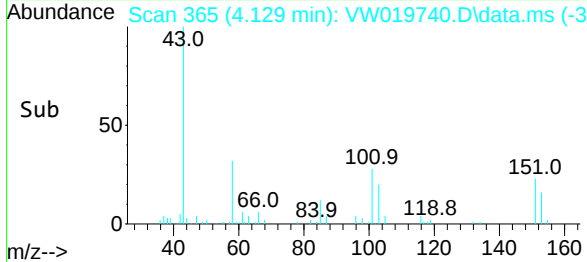
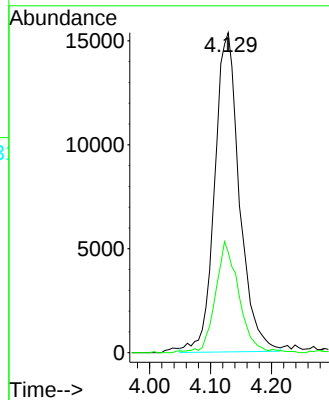
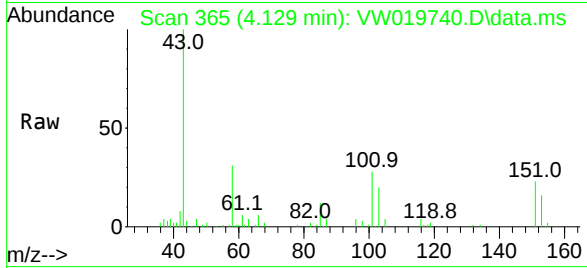




#13
Acetone
Concen: 42.620 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

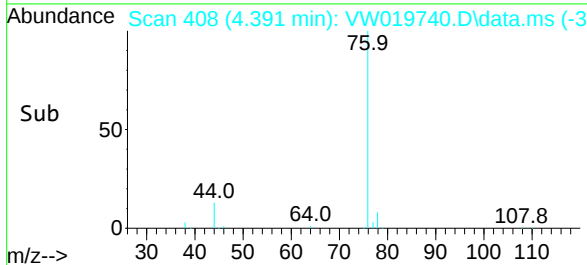
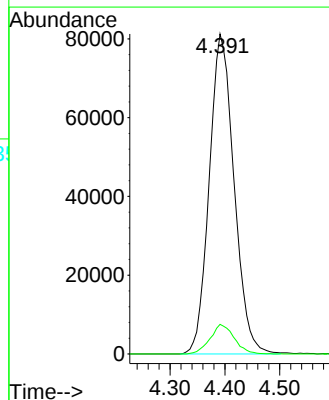
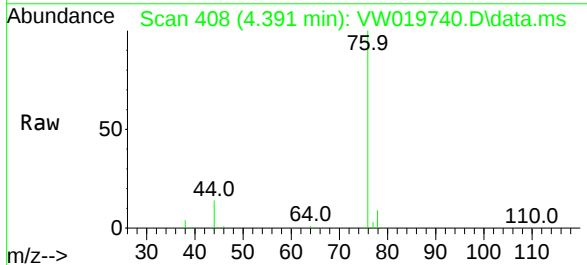
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MSVOA_W
ClientSampleId :
VSTD025510

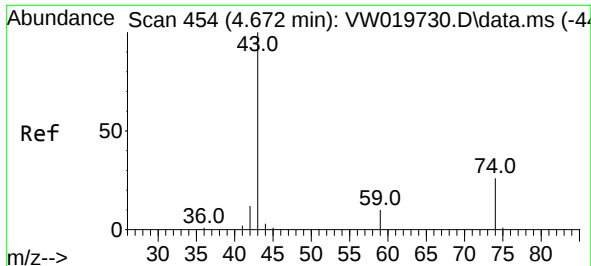
Tgt Ion: 43 Resp: 43431
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8



#14
Carbon disulfide
Concen: 23.031 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 76 Resp: 255427
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

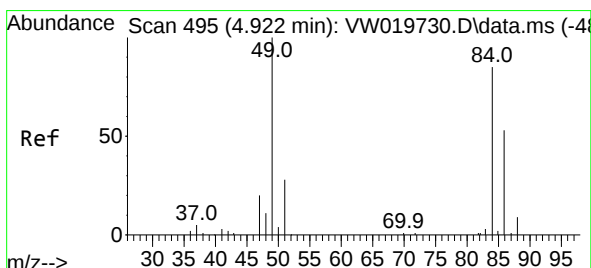
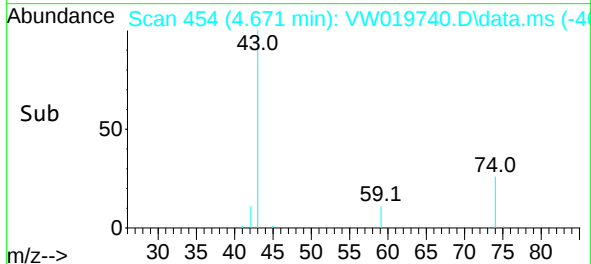
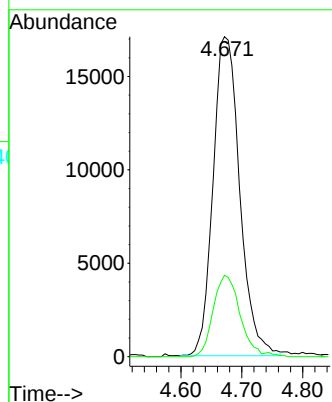
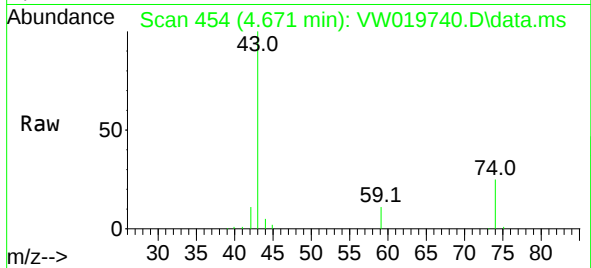




#15
Methyl Acetate
Concen: 27.294 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

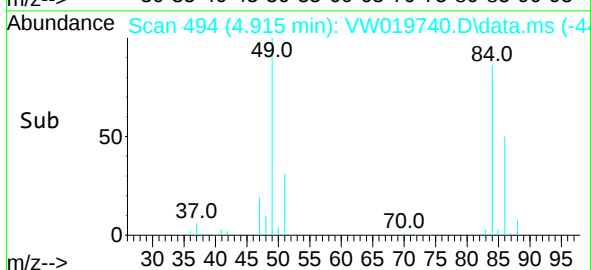
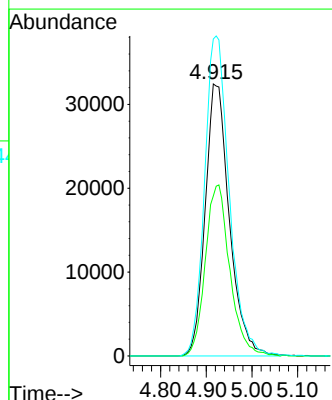
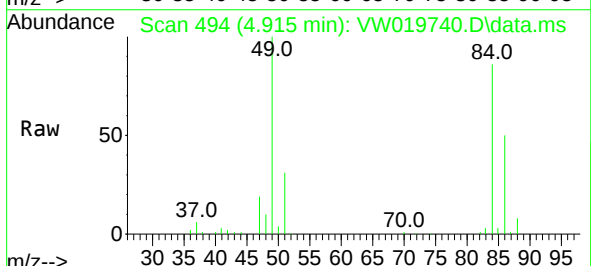
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

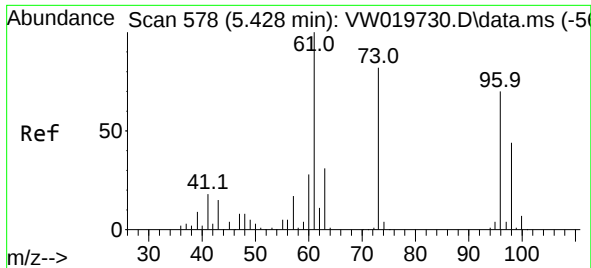
Tgt Ion: 43 Resp: 52015
Ion Ratio Lower Upper
43 100
74 25.2 20.0 30.0



#16
Methylene chloride
Concen: 21.990 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 84 Resp: 119463
Ion Ratio Lower Upper
84 100
86 58.8 45.3 84.1
49 116.5 86.6 160.8

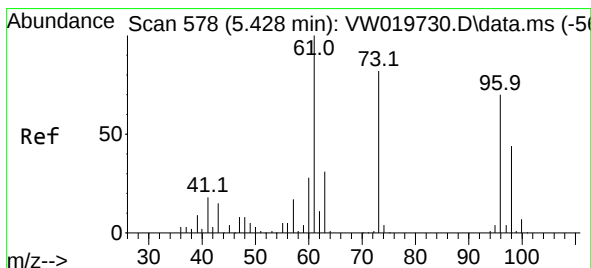
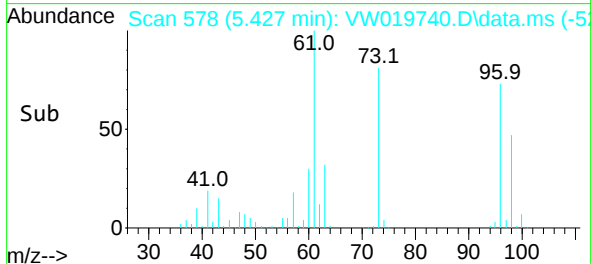
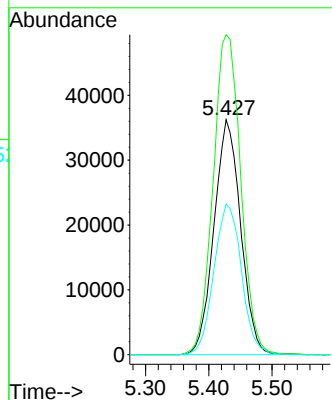
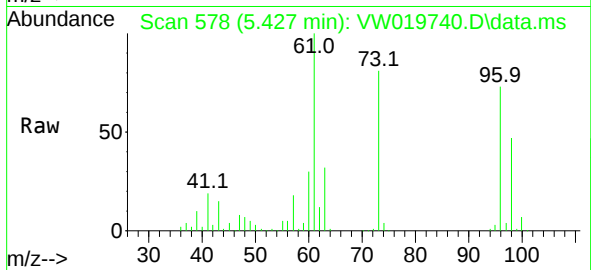




#17
trans-1,2-Dichloroethene
Concen: 24.885 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

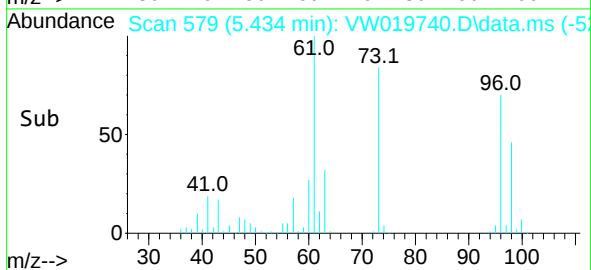
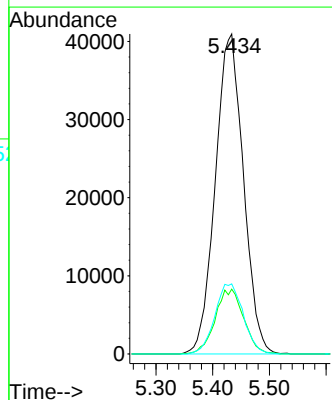
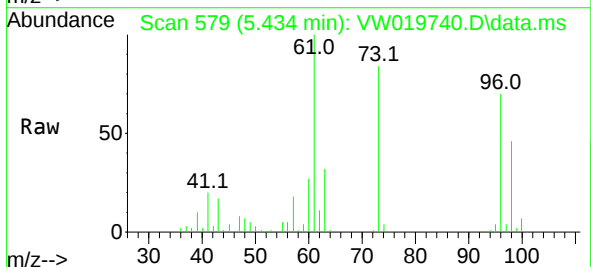
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

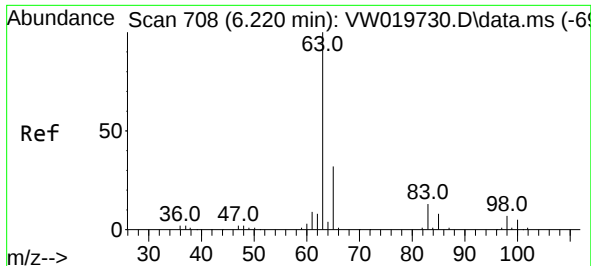
Tgt Ion: 96 Resp: 105964
Ion Ratio Lower Upper
96 100
61 136.2 98.3 182.7
98 64.1 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 22.772 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 73 Resp: 140890
Ion Ratio Lower Upper
73 100
43 20.6 17.7 26.5
57 22.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 23.283 ug/L

RT: 6.220 min Scan# 708

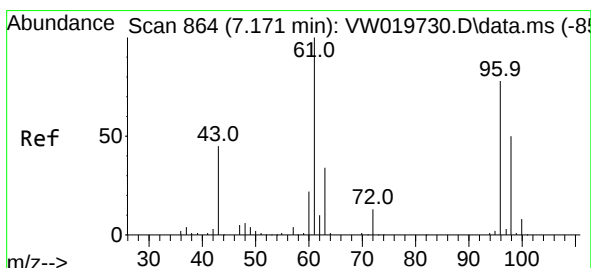
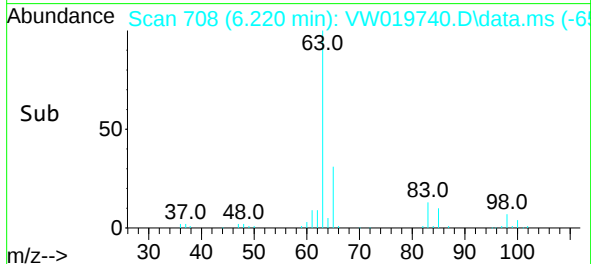
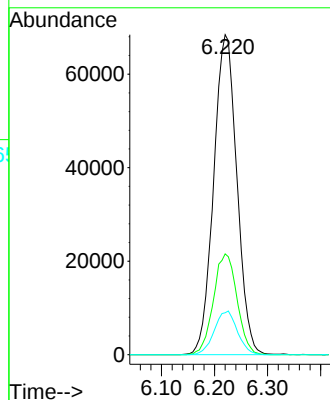
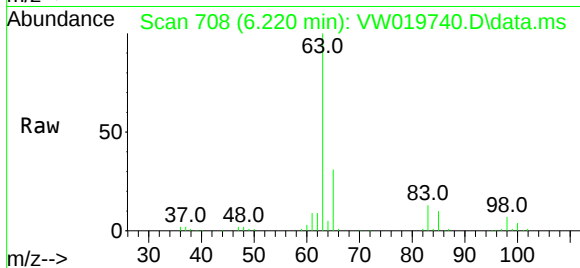
Delta R.T. -0.000 min

Lab File: VW019740.D

Acq: 13 Aug 2021 17:21

Tgt Ion: 63 Resp: 208351

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.9	42.5
83	13.1	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 25.251 ug/L

RT: 7.171 min Scan# 864

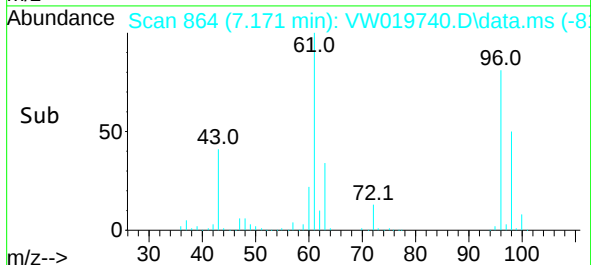
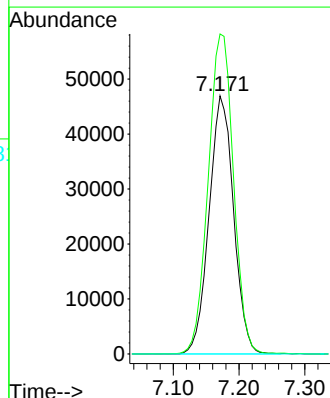
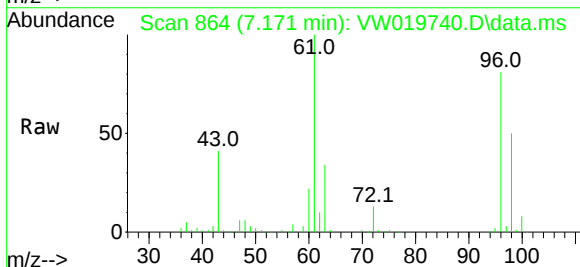
Delta R.T. -0.000 min

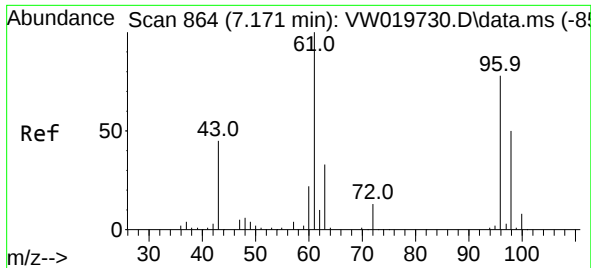
Lab File: VW019740.D

Acq: 13 Aug 2021 17:21

Tgt Ion: 96 Resp: 121848

Ion	Ratio	Lower	Upper
96	100		
61	124.0	88.5	164.3
68	0.0	0.0	0.0

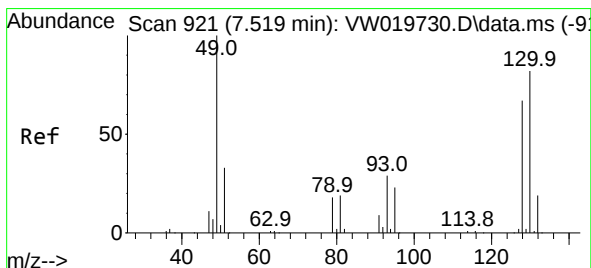
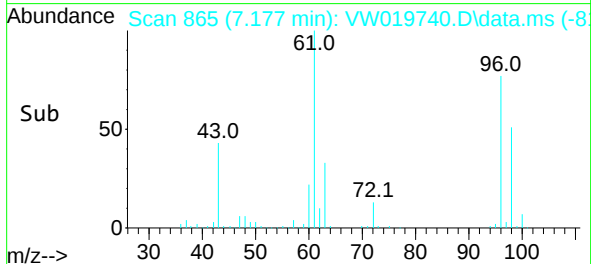
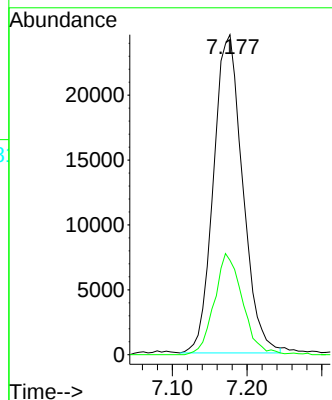
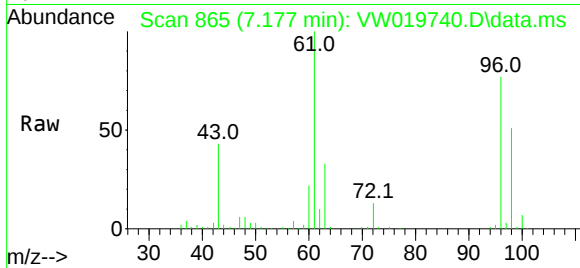




#22
2-Butanone
Concen: 48.835 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

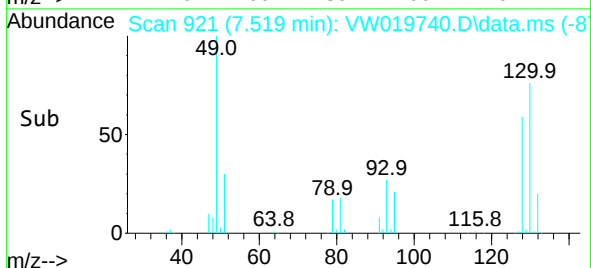
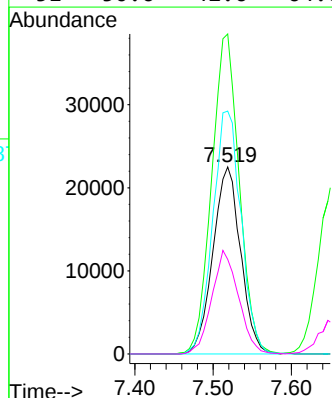
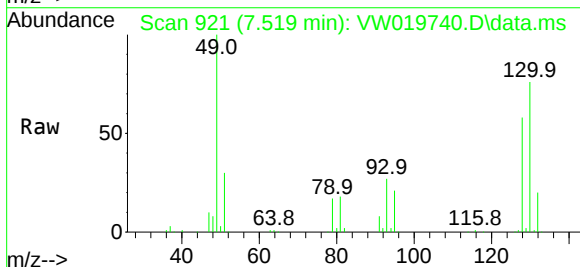
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

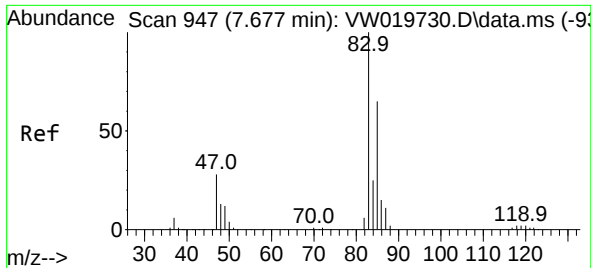
Tgt Ion: 43 Resp: 66568
Ion Ratio Lower Upper
43 100
72 30.2 14.9 44.7



#23
Bromochloromethane
Concen: 24.736 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 128 Resp: 55232
Ion Ratio Lower Upper
128 100
49 171.1 116.3 215.9
130 129.9 82.4 153.0
51 50.6 42.6 64.0

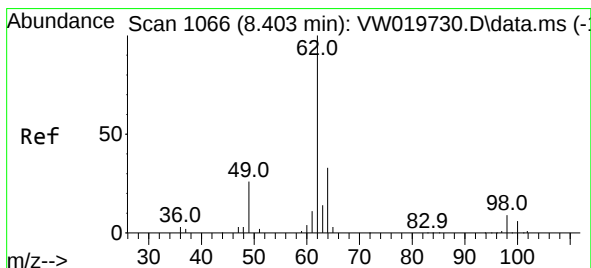
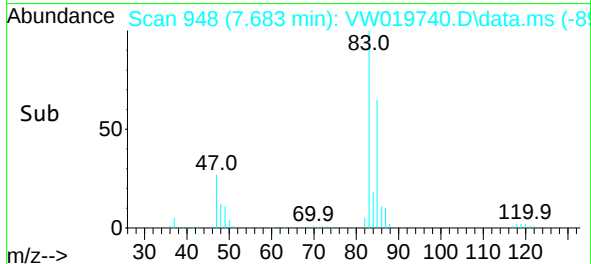
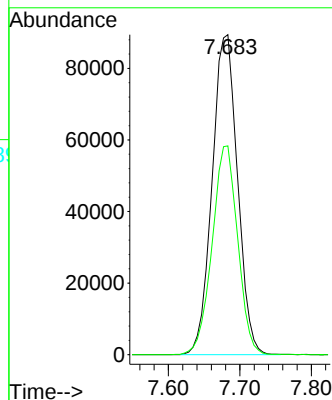
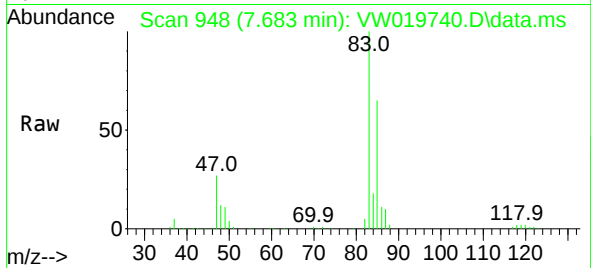




#25
Chloroform
Concen: 24.082 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

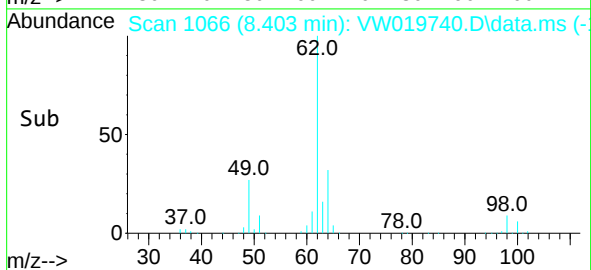
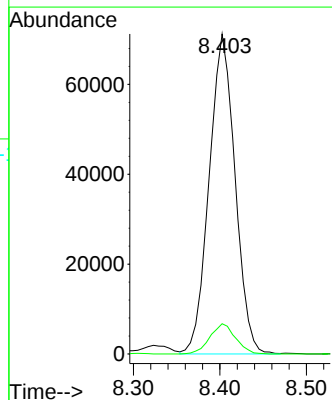
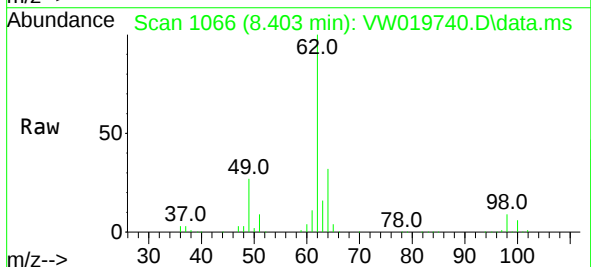
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

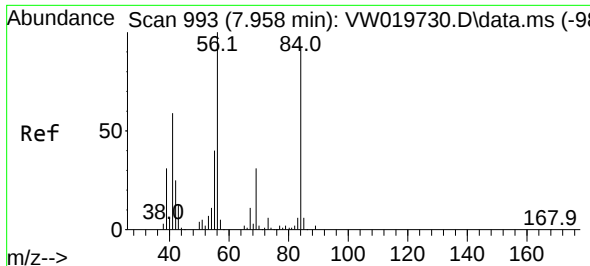
Tgt Ion: 83 Resp: 220733
Ion Ratio Lower Upper
83 100
85 65.2 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.160 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

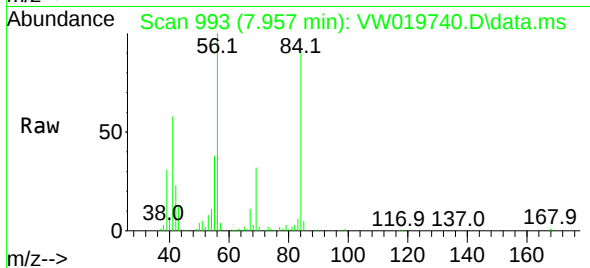
Tgt Ion: 62 Resp: 148276
Ion Ratio Lower Upper
62 100
98 9.5 6.9 10.3





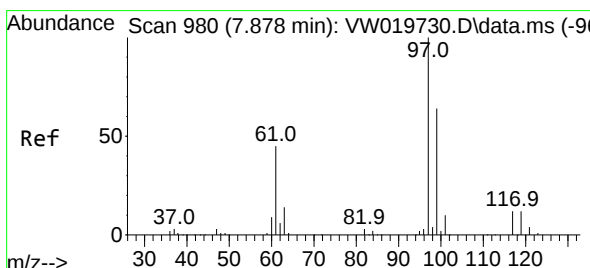
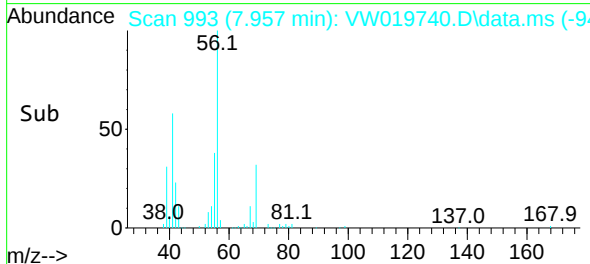
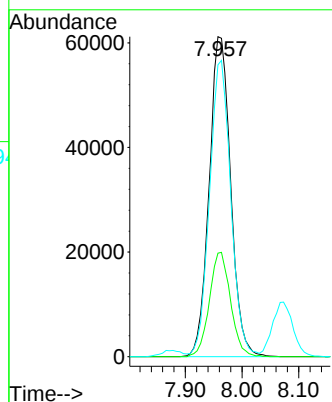
#29
Cyclohexane
Concen: 20.343 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510



Tgt Ion: 56 Resp: 161449

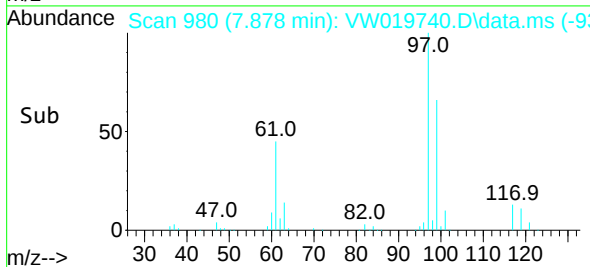
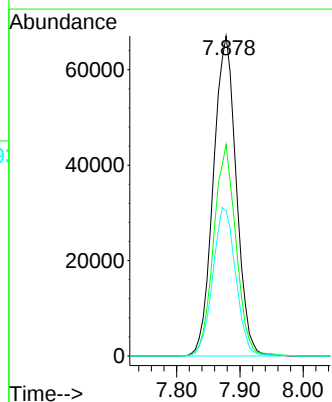
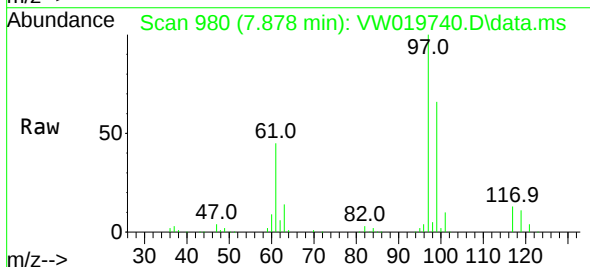
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.5	36.7
84	91.7	75.0	112.4

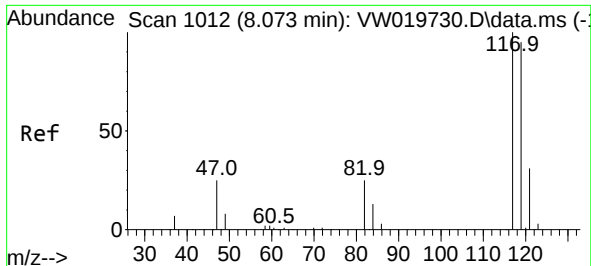


#30
1,1,1-Trichloroethane
Concen: 20.502 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 97 Resp: 168116

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	46.4	37.8	56.6

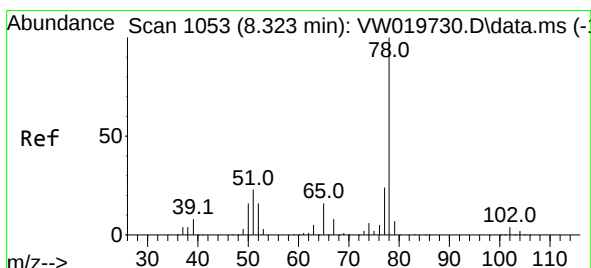
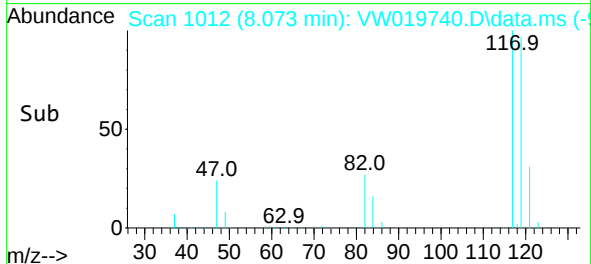
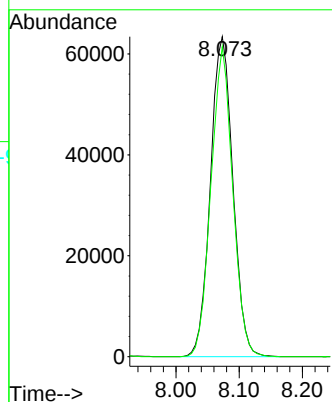
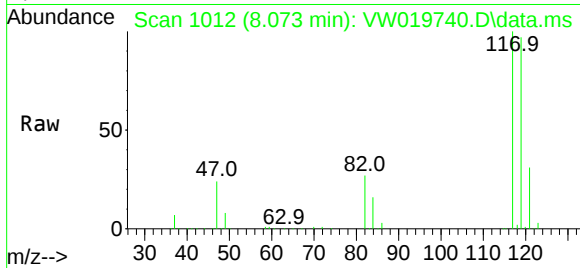




#31
Carbon tetrachloride
Concen: 20.658 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

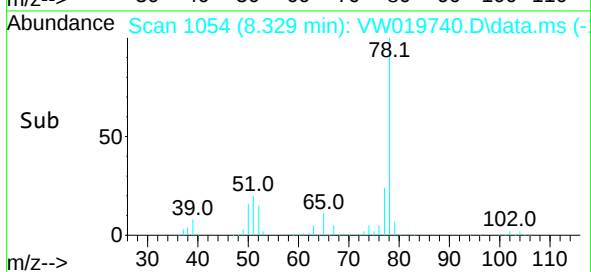
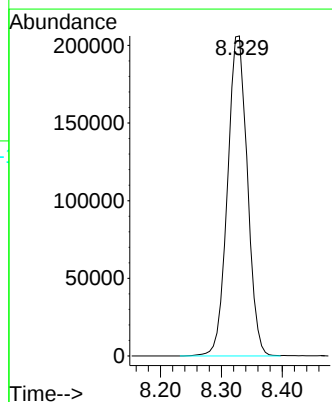
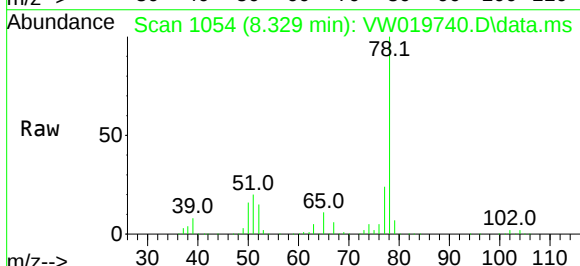
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

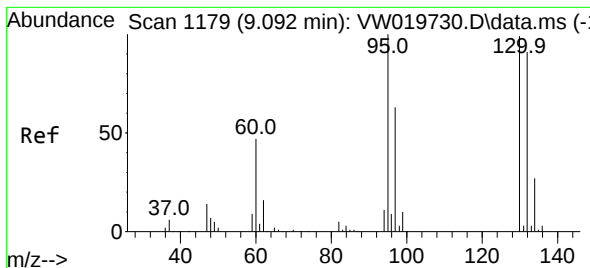
Tgt Ion:117 Resp: 156336
Ion Ratio Lower Upper
117 100
119 93.7 76.5 114.7



#33
Benzene
Concen: 20.990 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 78 Resp: 465882





#34

Trichloroethene

Concen: 21.421 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW019740.D

Acq: 13 Aug 2021 17:21

Tgt Ion: 95 Resp: 117879

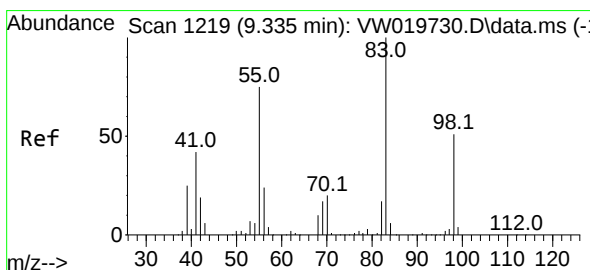
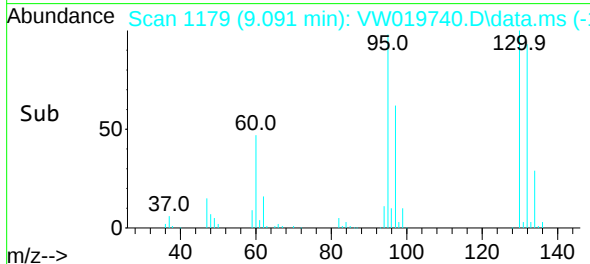
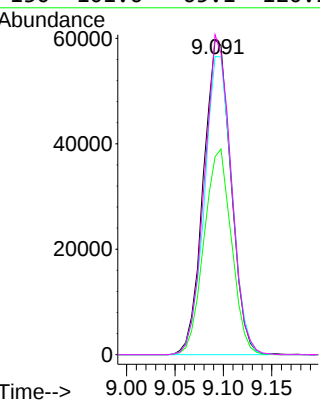
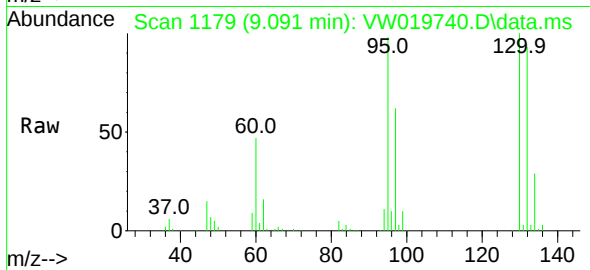
Ion Ratio Lower Upper

95 100

97 62.9 47.3 87.8

132 94.7 71.0 131.8

130 101.6 65.1 120.9



#35

Methylcyclohexane

Concen: 21.581 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW019740.D

Acq: 13 Aug 2021 17:21

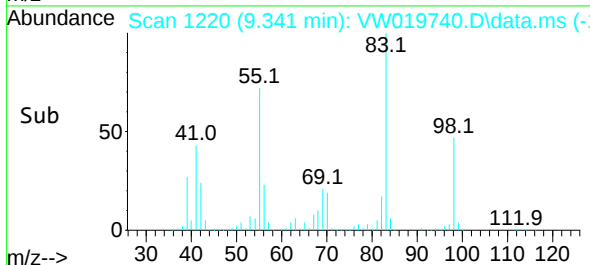
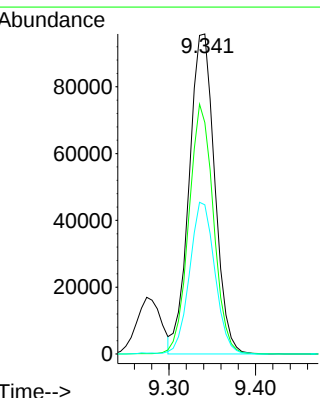
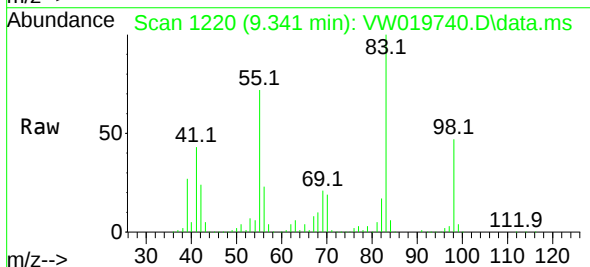
Tgt Ion: 83 Resp: 196524

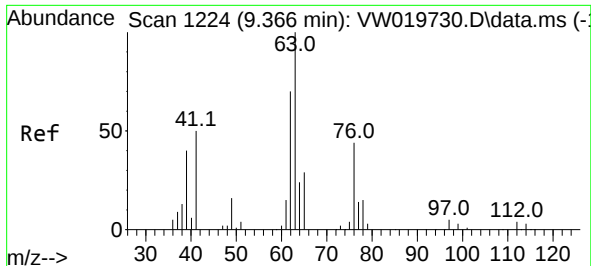
Ion Ratio Lower Upper

83 100

55 75.1 58.9 88.3

98 46.9 40.1 60.1

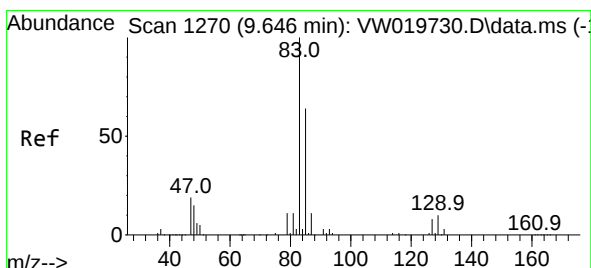
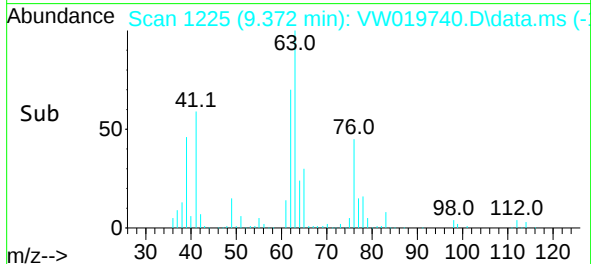
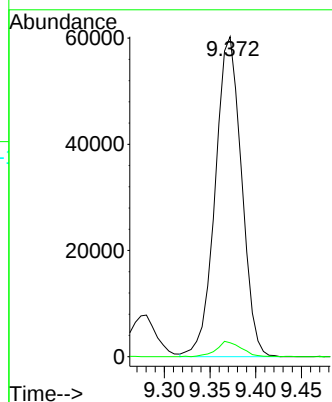
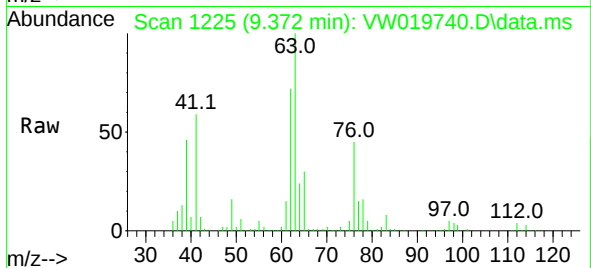




#37
1,2-Dichloropropane
Concen: 21.780 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

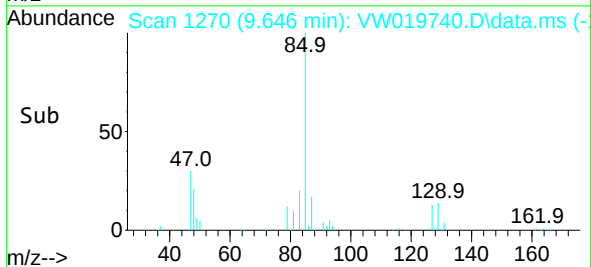
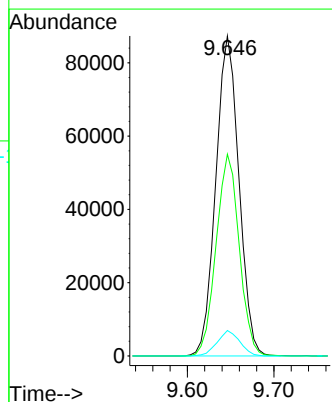
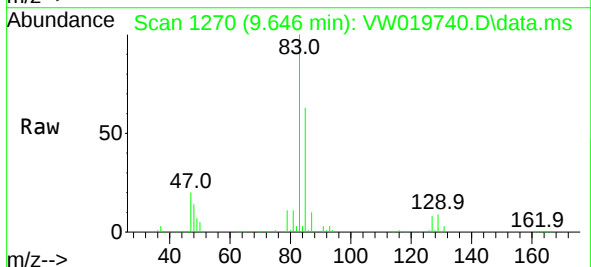
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

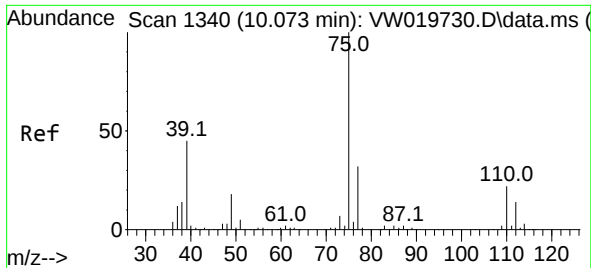
Tgt Ion: 63 Resp: 120810
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 23.102 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 83 Resp: 162315
Ion Ratio Lower Upper
83 100
85 63.1 42.3 78.5
127 8.0 6.6 9.8

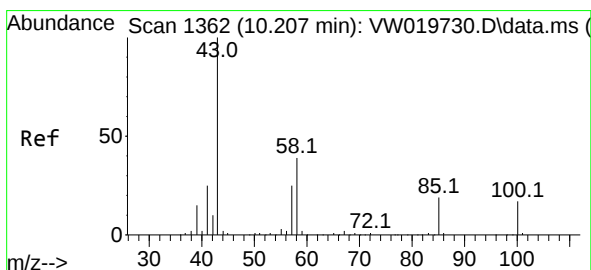
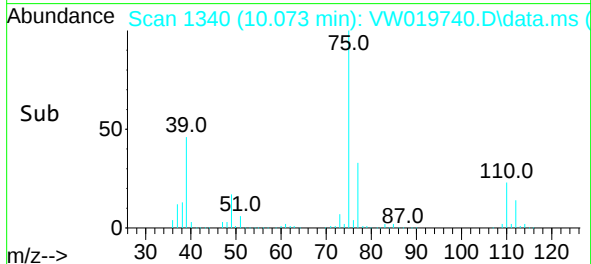
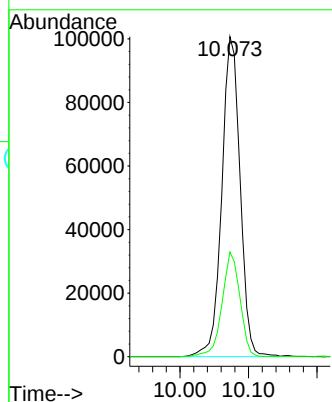
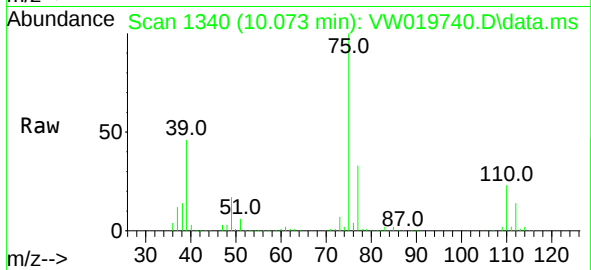




#39
cis-1,3-Dichloropropene
Concen: 22.019 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

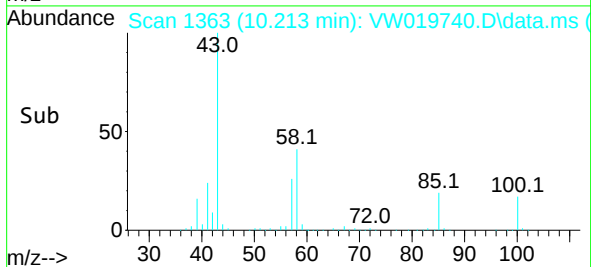
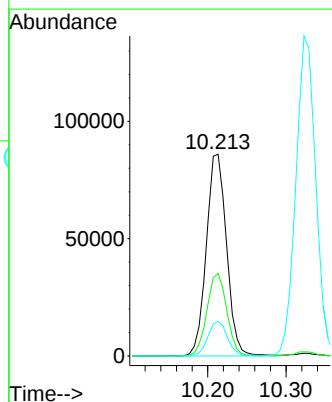
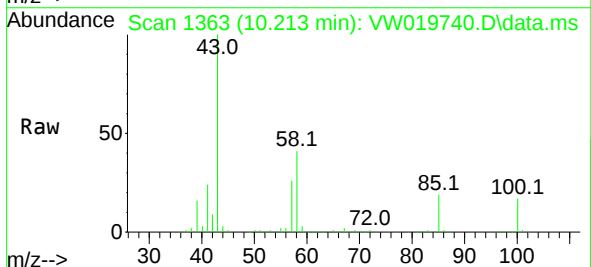
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

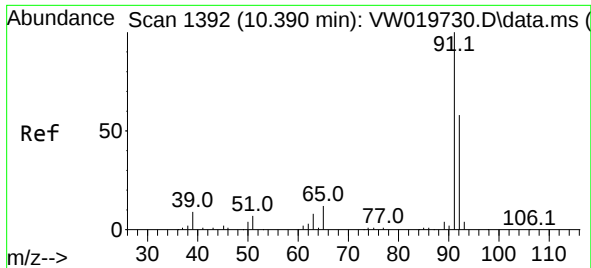
Tgt Ion: 75 Resp: 186354
Ion Ratio Lower Upper
75 100
77 32.7 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 45.324 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 43 Resp: 154504
Ion Ratio Lower Upper
43 100
58 40.2 31.0 46.4
100 16.5 13.0 19.6

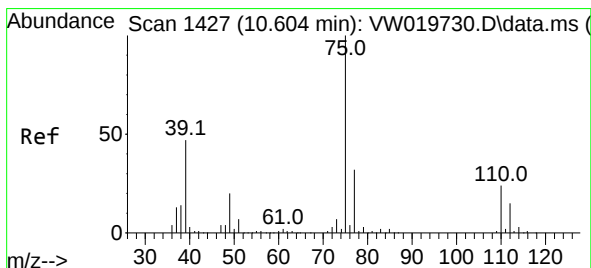
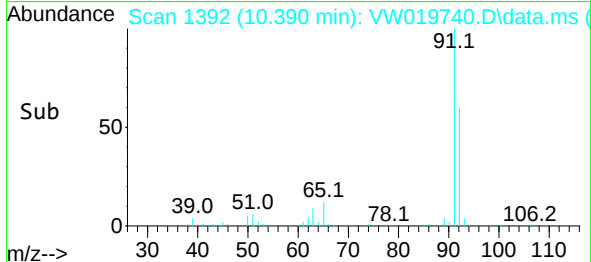
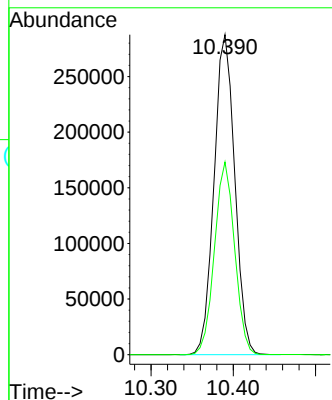
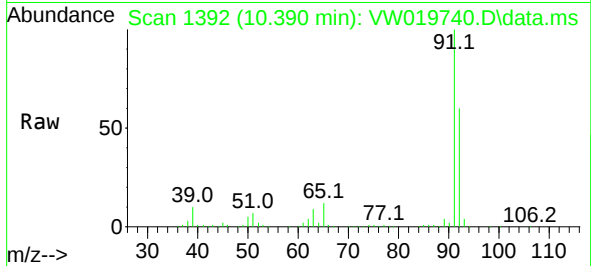




#42
Toluene
Concen: 21.602 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

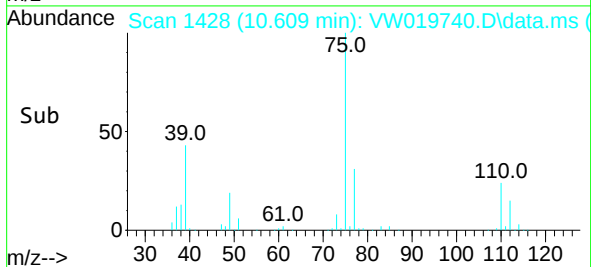
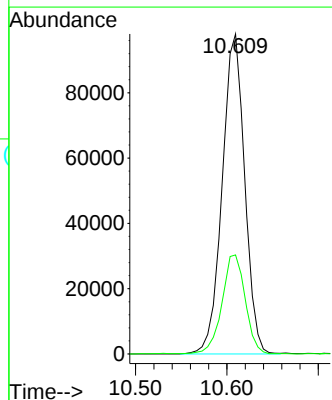
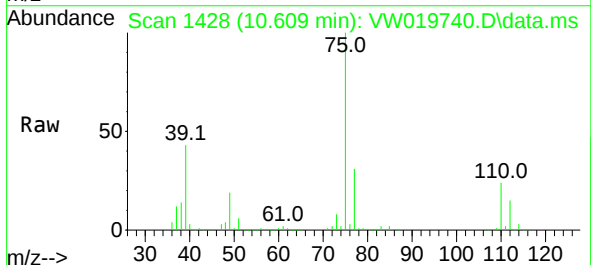
Instrument :
MSVOA_W
ClientSampled :
VSTD025510

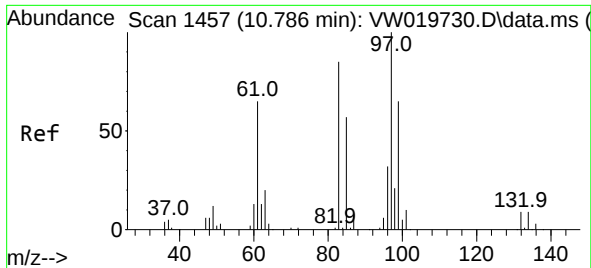
Tgt Ion: 91 Resp: 503370
Ion Ratio Lower Upper
91 100
92 60.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 22.625 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 75 Resp: 167678
Ion Ratio Lower Upper
75 100
77 31.0 21.1 39.1



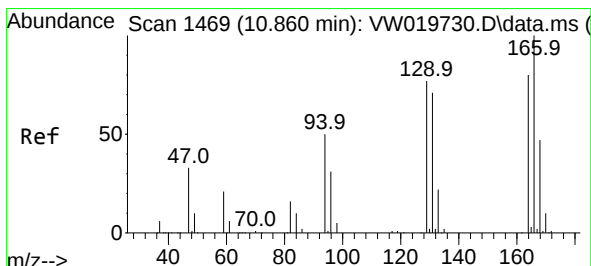
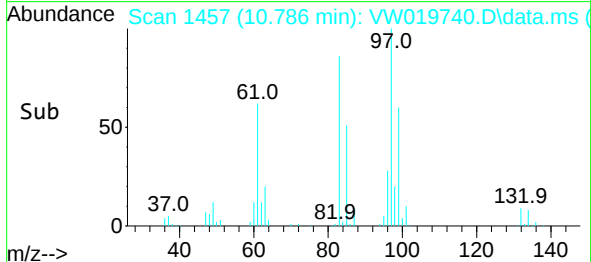
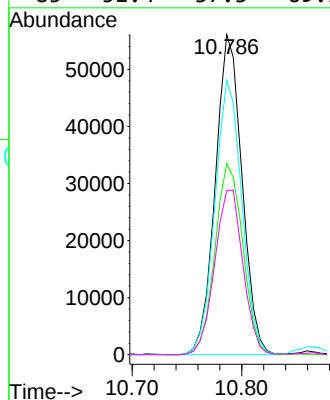
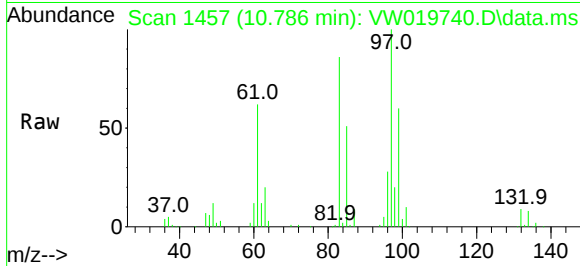


#45
1,1,2-Trichloroethane
Concen: 23.166 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Tgt Ion: 97 Resp: 95041

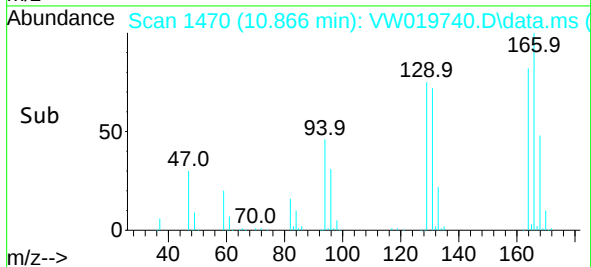
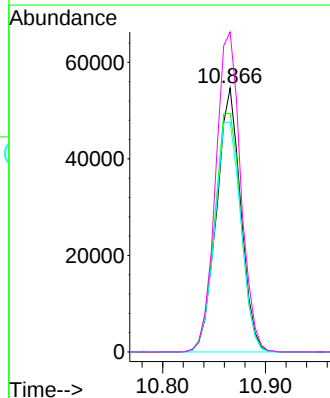
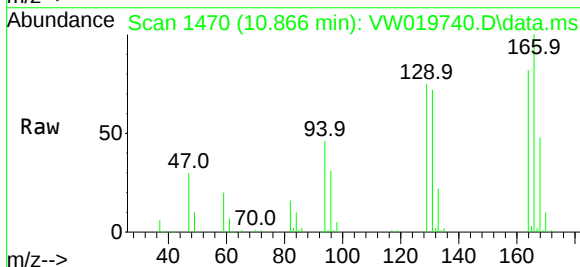
Ion	Ratio	Lower	Upper
97	100		
99	59.8	45.1	83.7
83	85.8	58.1	107.9
85	51.4	37.3	69.3

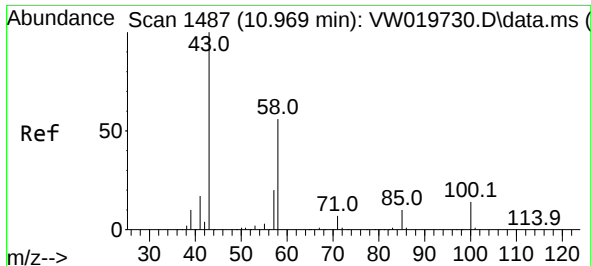


#46
Tetrachloroethene
Concen: 21.621 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 164 Resp: 89460

Ion	Ratio	Lower	Upper
164	100		
129	90.4	66.7	123.9
131	87.2	61.1	113.5
166	121.3	87.0	161.6



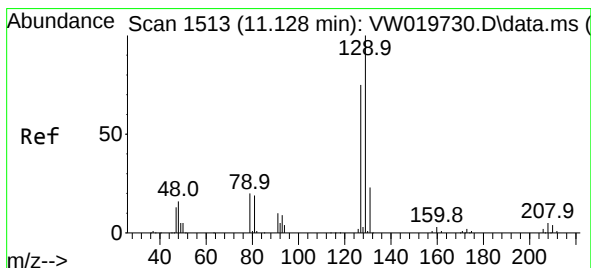
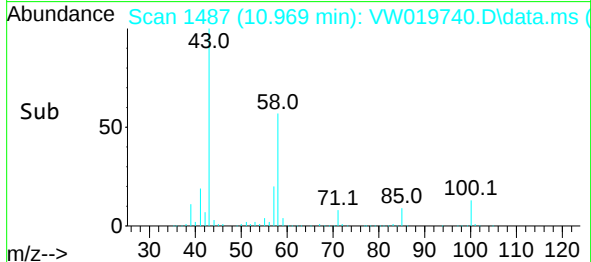
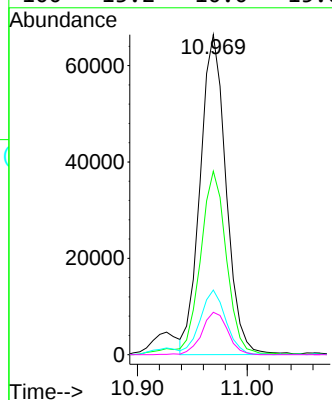
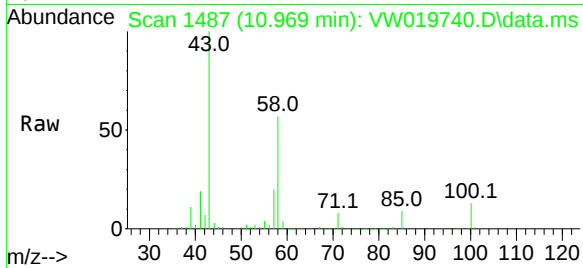


#48
2-Hexanone
Concen: 46.506 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Tgt Ion: 43 Resp: 109065

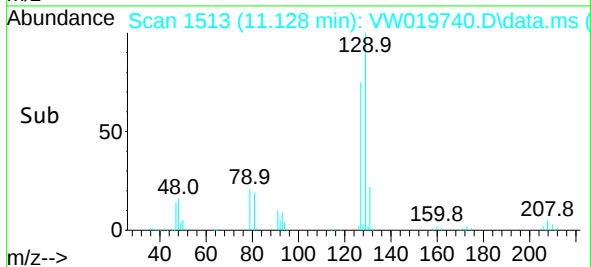
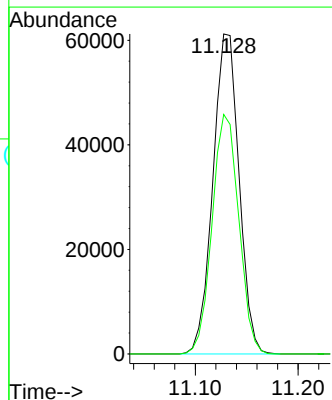
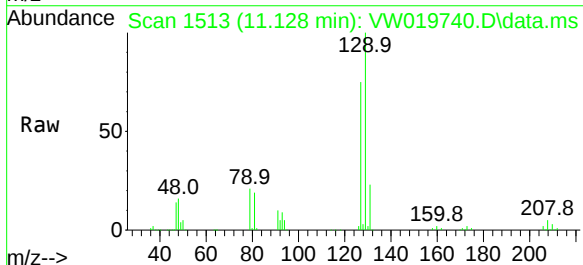
Ion	Ratio	Lower	Upper
43	100		
58	57.1	42.7	64.1
57	20.0	15.8	23.8
100	13.2	10.0	15.0

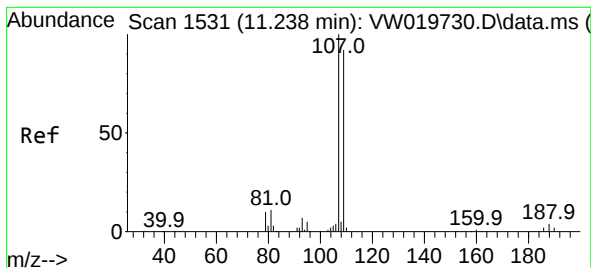


#49
Dibromochloromethane
Concen: 23.825 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 129 Resp: 108300

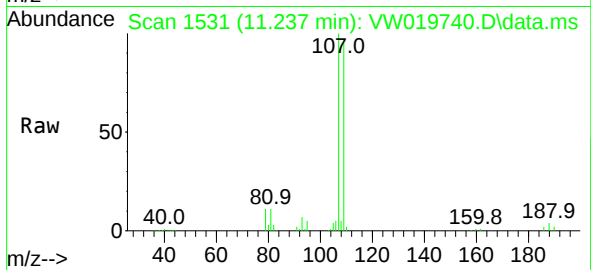
Ion	Ratio	Lower	Upper
129	100		
127	74.8	51.7	95.9



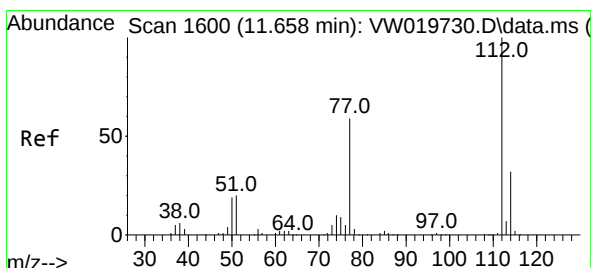
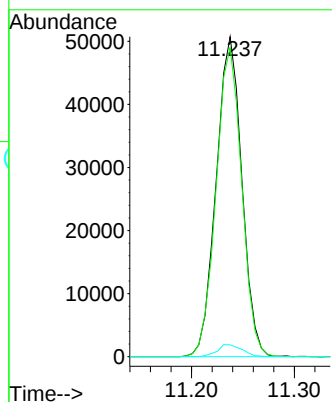
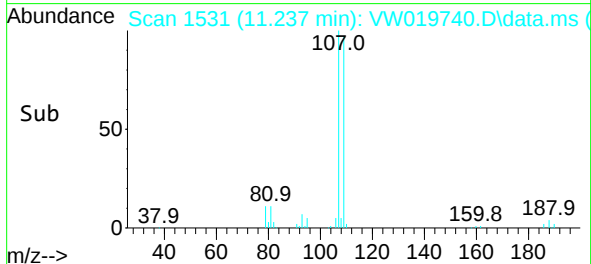


#50
1,2-Dibromoethane
Concen: 22.503 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

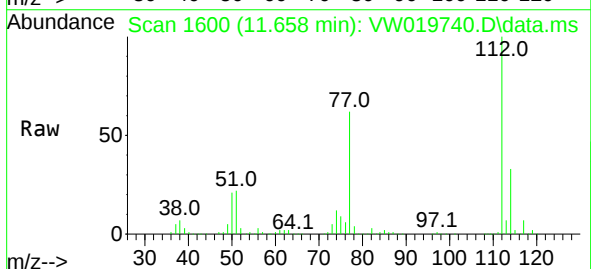
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510



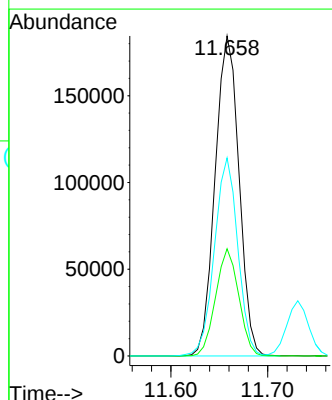
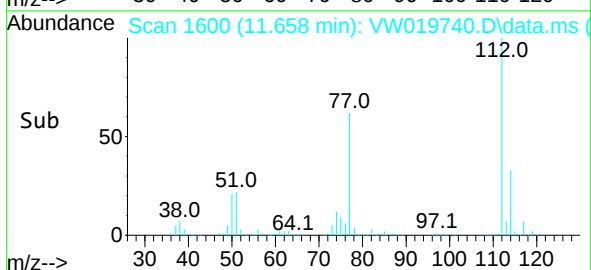
Tgt Ion:107 Resp: 87852
Ion Ratio Lower Upper
107 100
109 96.6 65.4 121.4
188 3.7 2.6 4.0

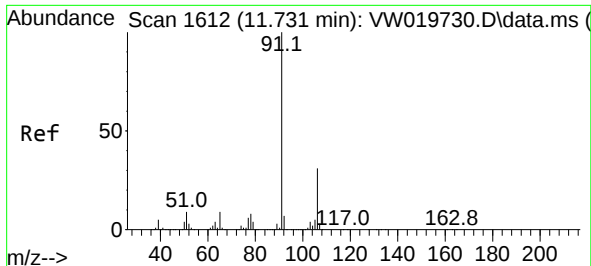


#51
Chlorobenzene
Concen: 22.221 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21



Tgt Ion:112 Resp: 316625
Ion Ratio Lower Upper
112 100
114 33.5 23.4 43.6
77 61.9 47.6 71.4

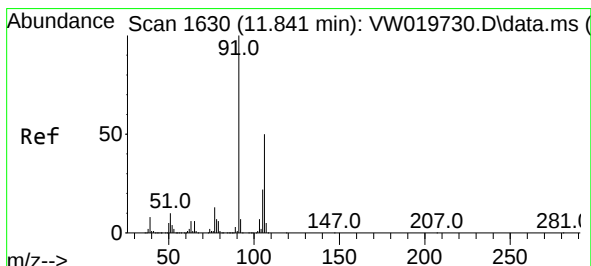
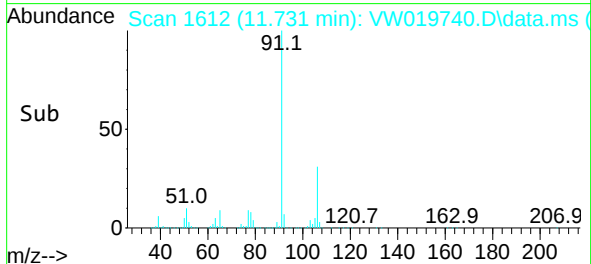
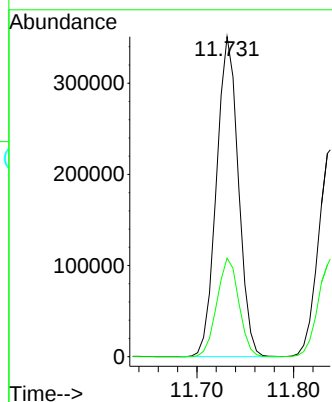
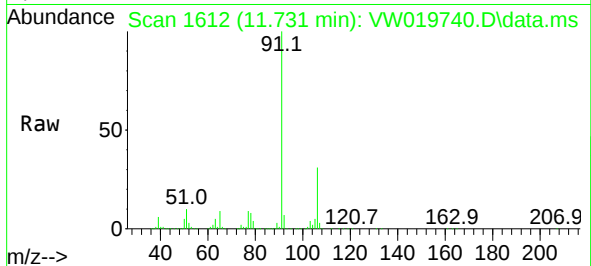




#52
Ethylbenzene
Concen: 22.615 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

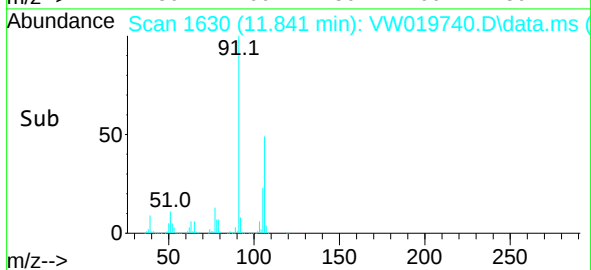
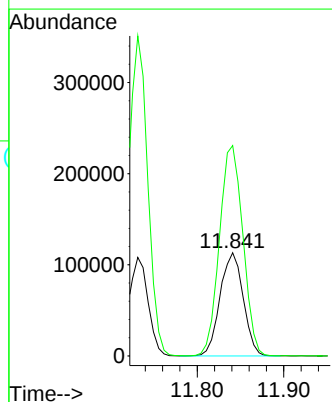
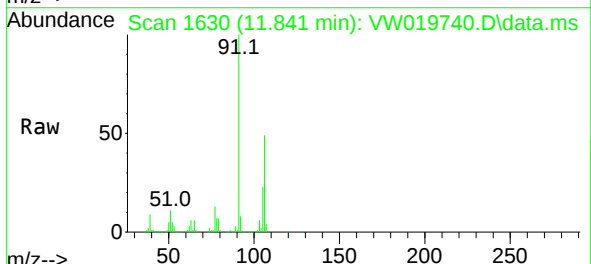
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

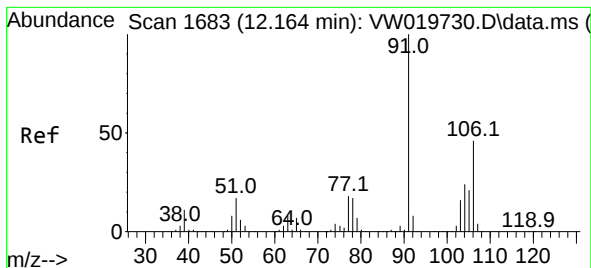
Tgt Ion: 91 Resp: 552316
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.7



#53
m,p-Xylene
Concen: 22.618 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 106 Resp: 210299
Ion Ratio Lower Upper
106 100
91 203.8 141.3 262.3

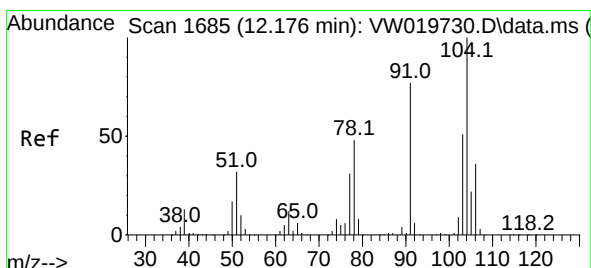
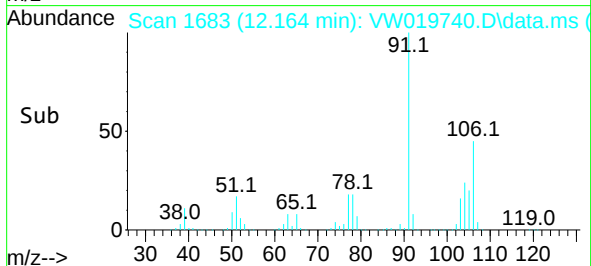
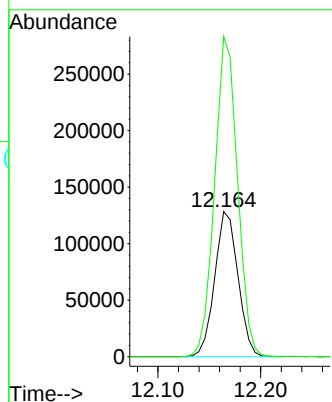
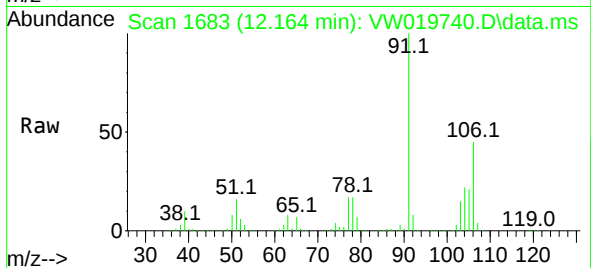




#54
o-Xylene
Concen: 22.461 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

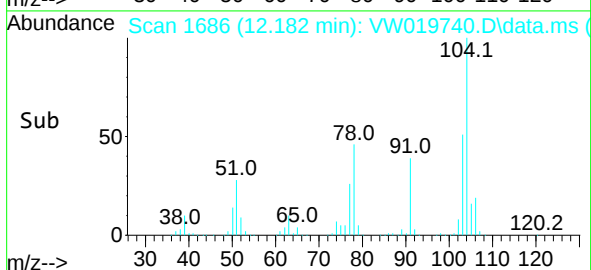
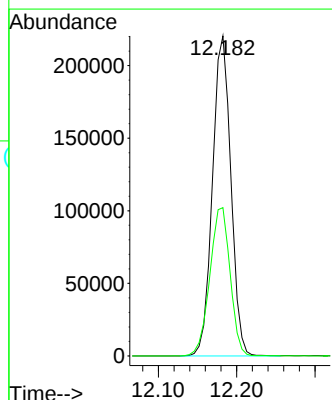
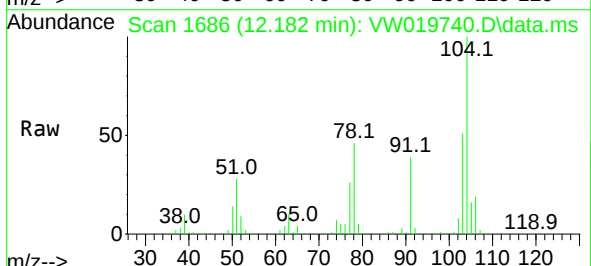
Instrument :
MSVOA_W
ClientSampled :
VSTD025510

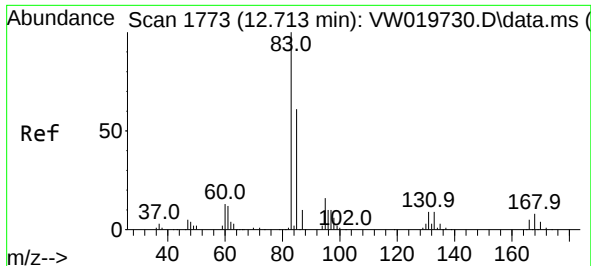
Tgt Ion:106 Resp: 201534
Ion Ratio Lower Upper
106 100
91 220.5 150.0 278.6



#55
Styrene
Concen: 23.332 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion:104 Resp: 359518
Ion Ratio Lower Upper
104 100
78 46.4 32.5 60.3

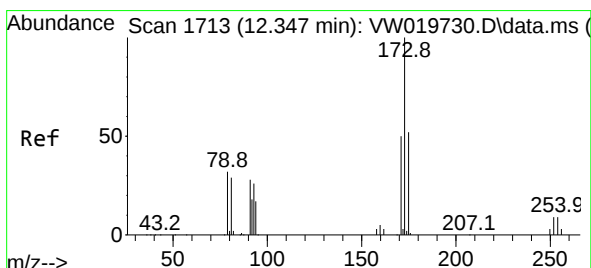
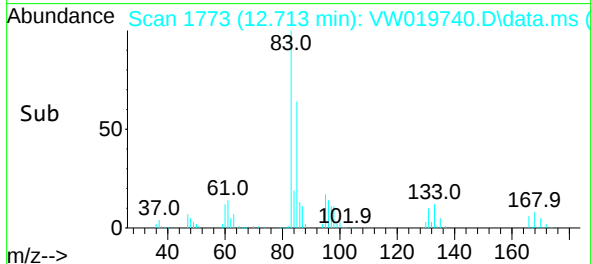
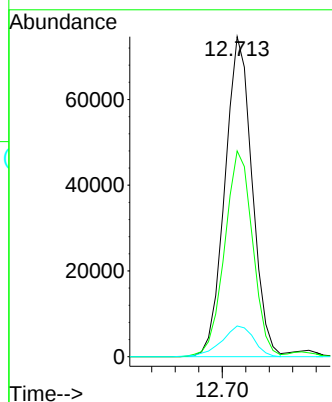
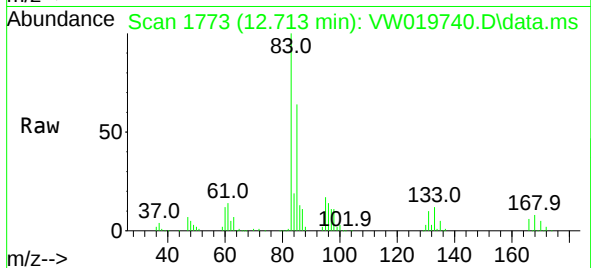




#57
1,1,2,2-Tetrachloroethane
Concen: 22.997 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

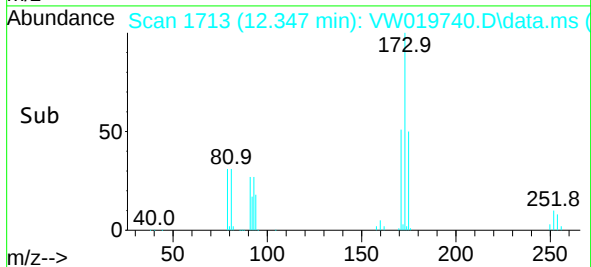
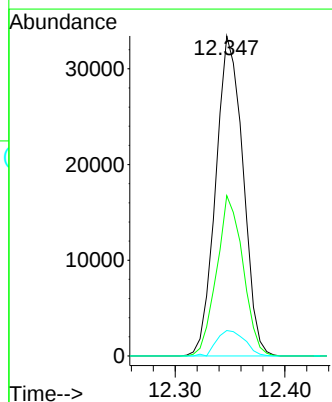
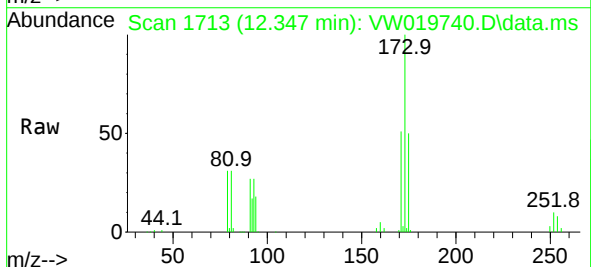
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

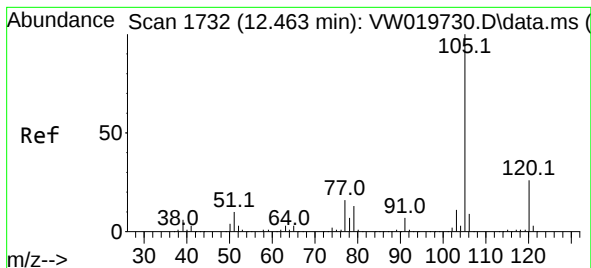
Tgt Ion: 83 Resp: 120047
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.4
131 9.6 8.2 12.4



#59
Bromoform
Concen: 23.826 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 173 Resp: 57743
Ion Ratio Lower Upper
173 100
175 48.5 37.5 56.3
254 8.1 7.0 10.4

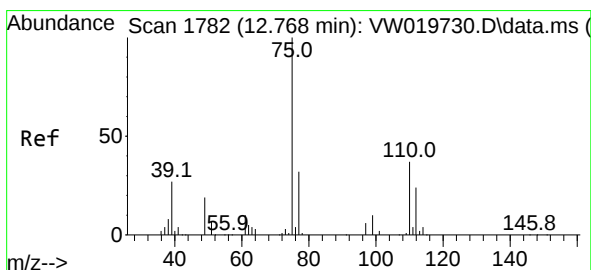
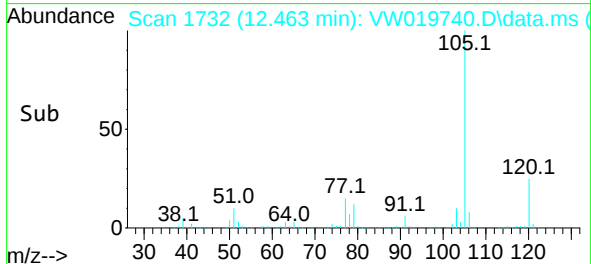
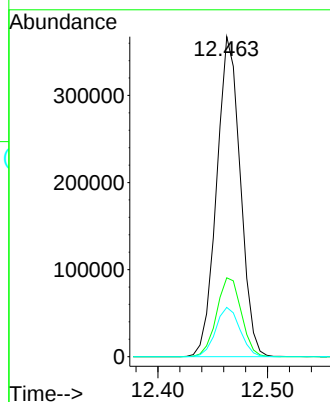
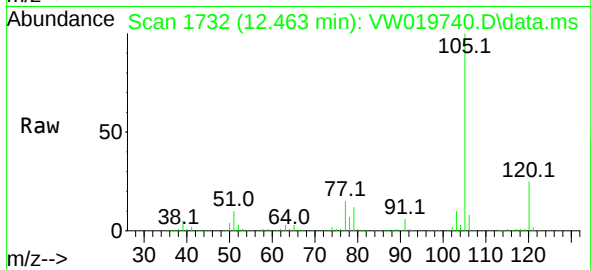




#60
Isopropylbenzene
Concen: 25.272 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

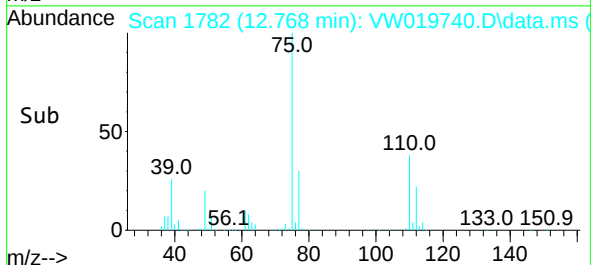
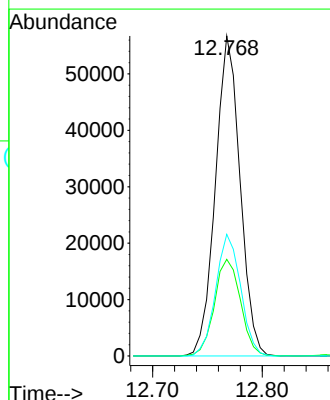
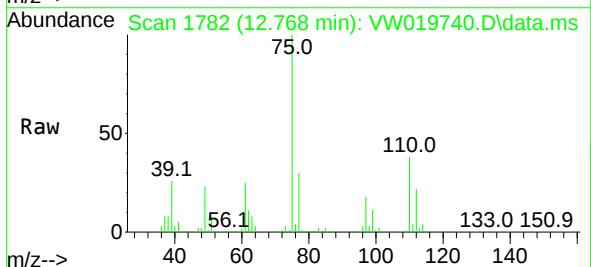
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

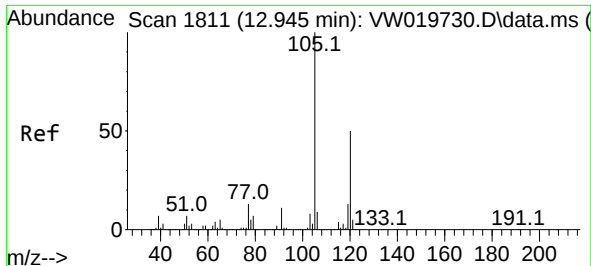
Tgt Ion:105 Resp: 551035
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.595 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion: 75 Resp: 88686
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 38.4 32.6 48.8

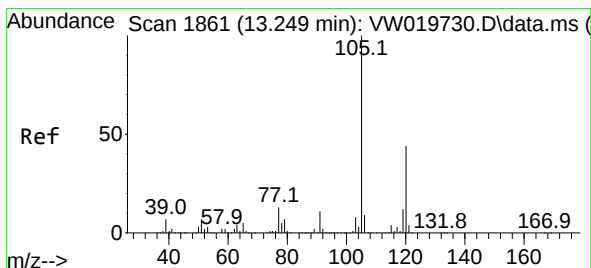
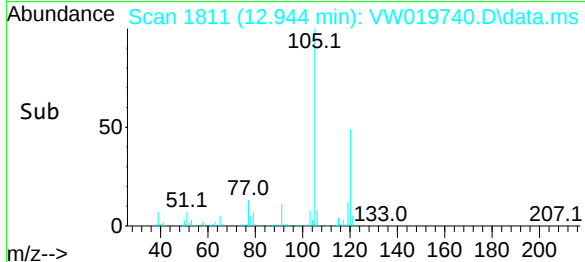
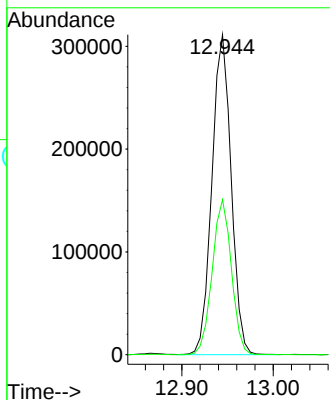
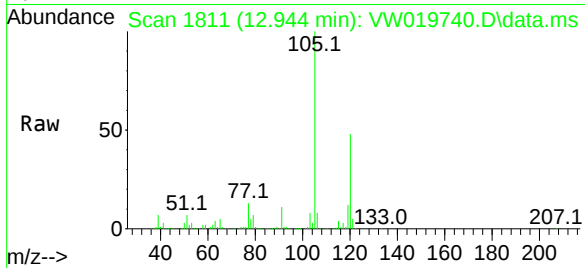




#62
1,3,5-Trimethylbenzene
Concen: 25.045 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

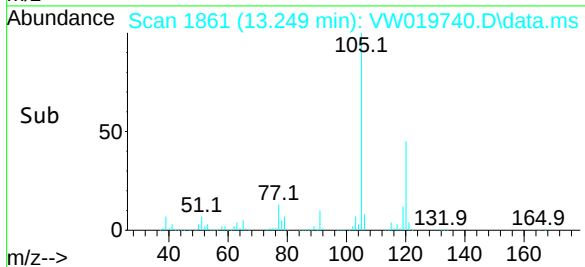
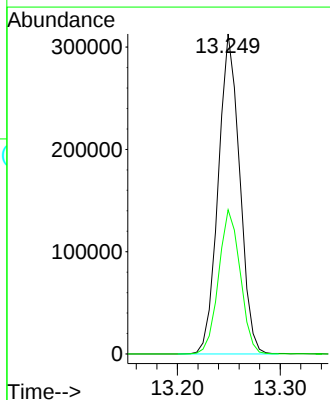
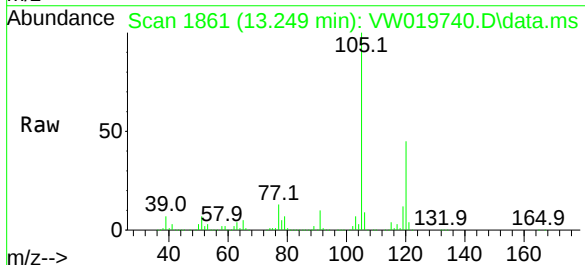
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

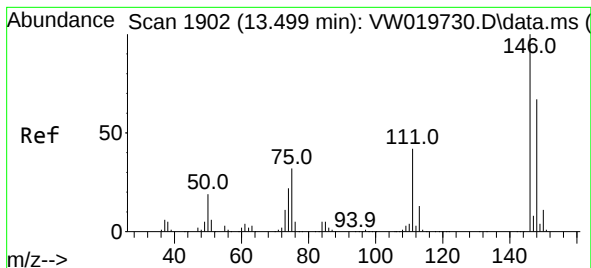
Tgt Ion:105 Resp: 454765
Ion Ratio Lower Upper
105 100
120 48.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 23.895 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion:105 Resp: 452615
Ion Ratio Lower Upper
105 100
120 45.3 35.6 53.4

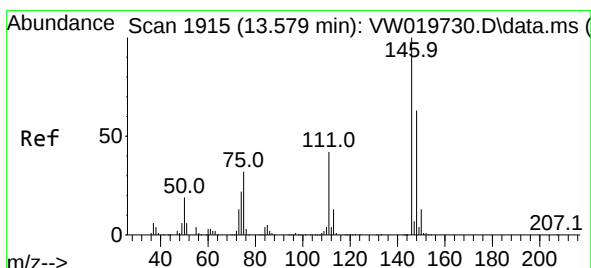
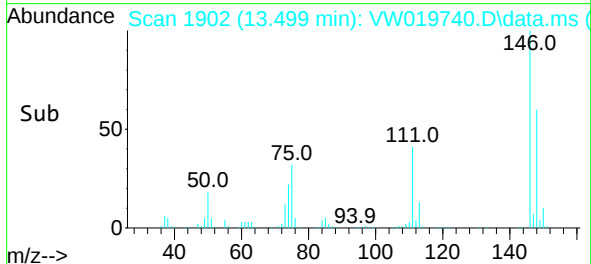
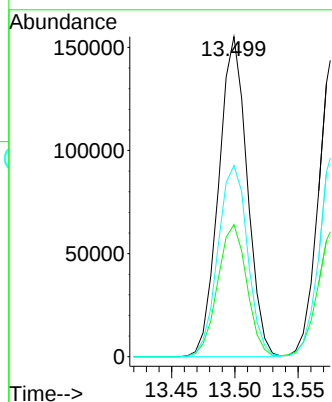
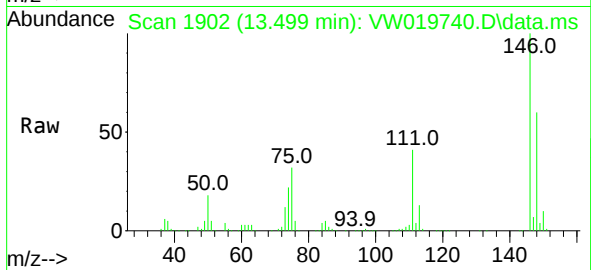




#64
1,3-Dichlorobenzene
Concen: 23.044 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

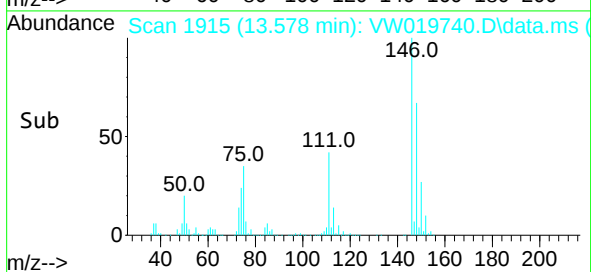
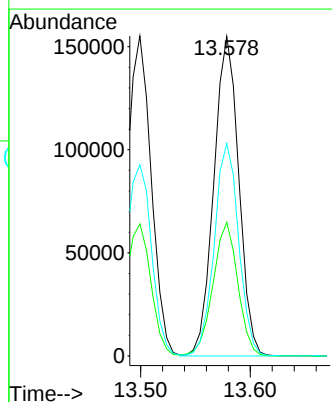
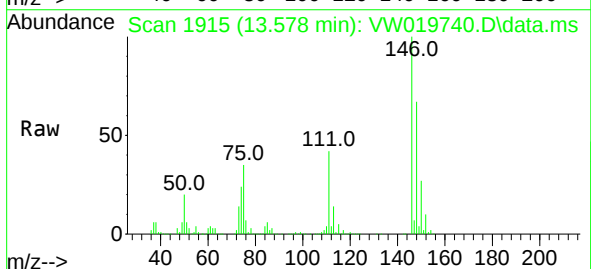
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

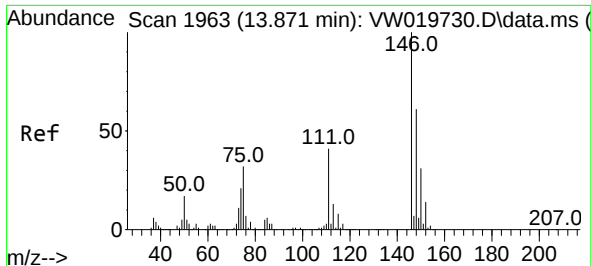
Tgt Ion:146 Resp: 243312
Ion Ratio Lower Upper
146 100
111 41.3 26.7 49.7
148 59.8 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 22.996 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion:146 Resp: 244783
Ion Ratio Lower Upper
146 100
111 41.8 28.8 53.4
148 66.5 46.8 87.0

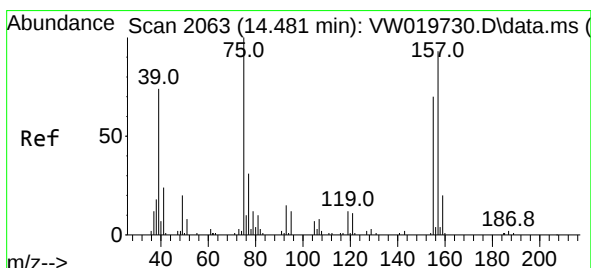
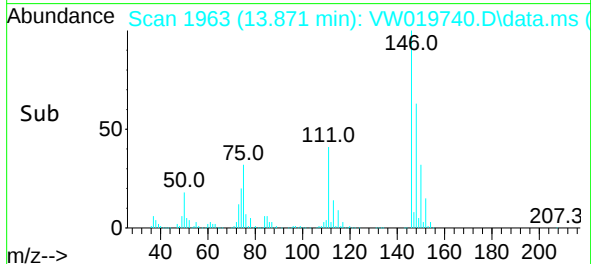
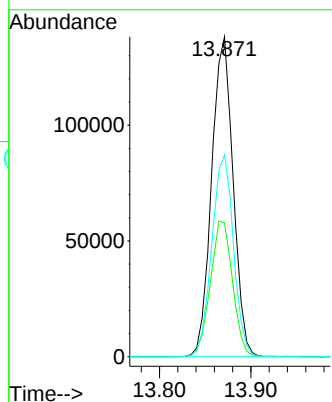
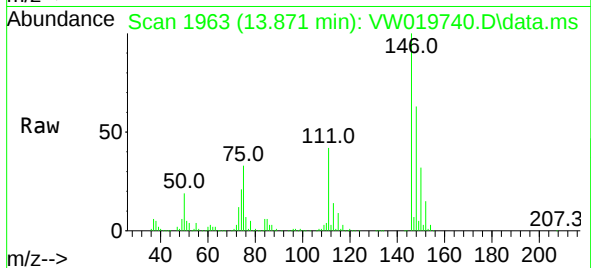




#67
1,2-Dichlorobenzene
Concen: 24.300 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

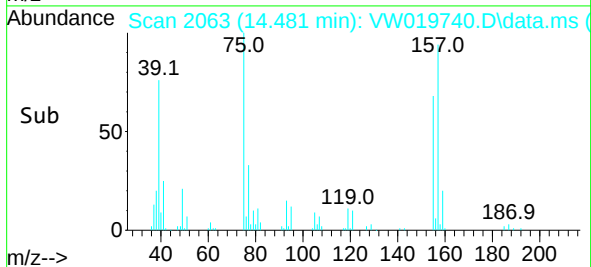
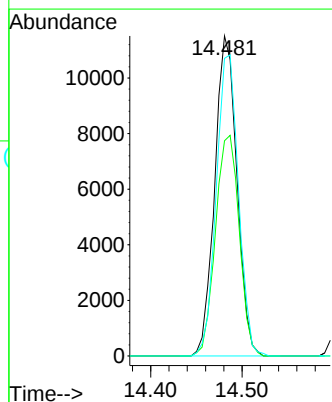
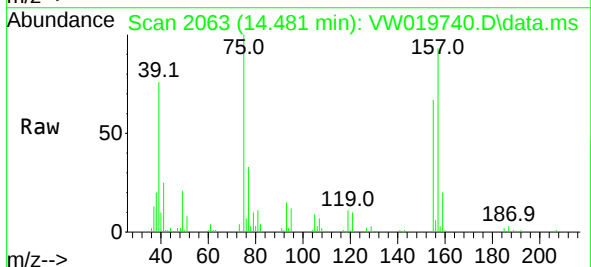
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

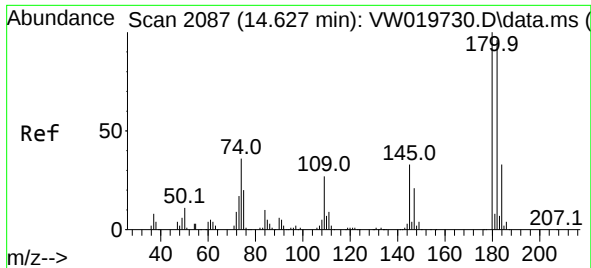
Tgt Ion:146 Resp: 225224
Ion Ratio Lower Upper
146 100
111 41.9 33.2 49.8
148 63.1 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 27.611 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

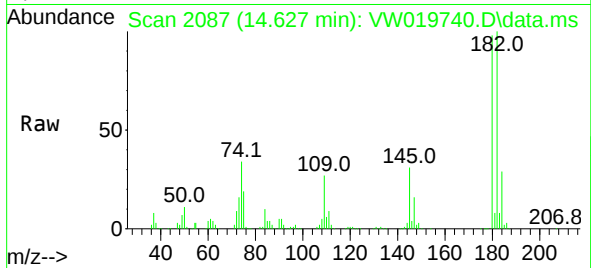
Tgt Ion: 75 Resp: 19428
Ion Ratio Lower Upper
75 100
155 67.3 59.4 89.0
157 93.0 72.2 108.2



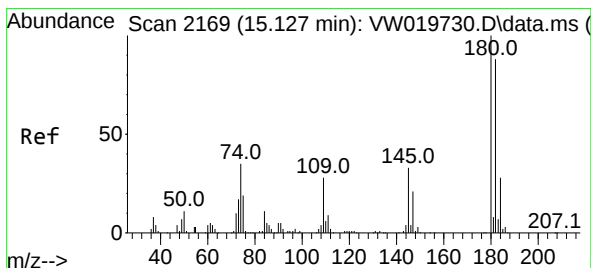
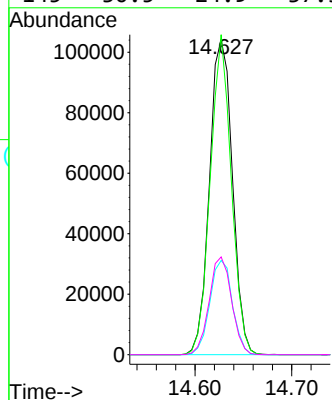
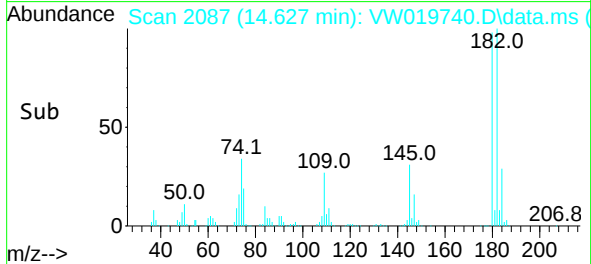


#69
1,3,5-Trichlorobenzene
Concen: 25.352 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

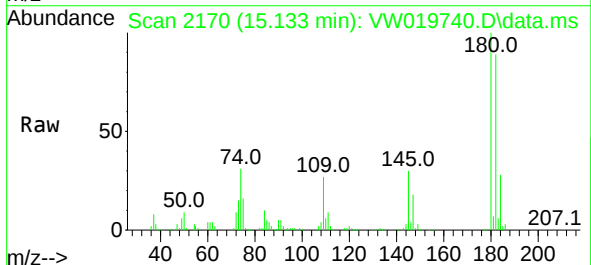
Instrument :
MSVOA_W
ClientSampleId :
VSTD025510



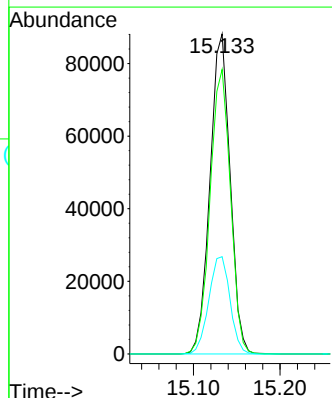
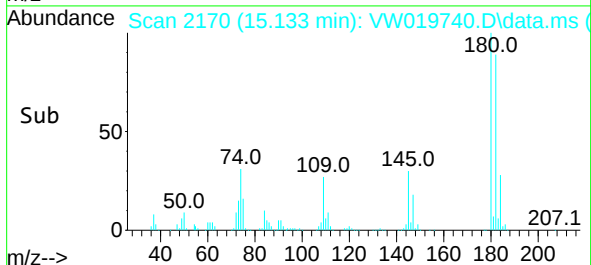
Tgt Ion:180 Resp: 171005
Ion Ratio Lower Upper
180 100
182 93.0 73.4 110.2
184 29.6 23.6 35.4
145 30.5 24.9 37.3

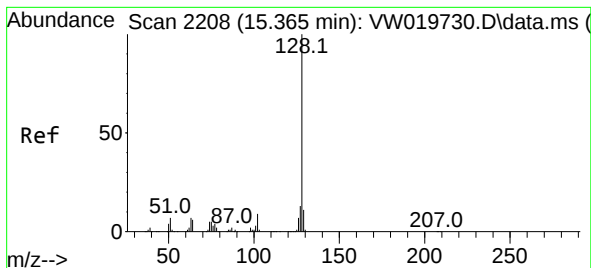


#70
1,2,4-trichlorobenzene
Concen: 25.083 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21



Tgt Ion:180 Resp: 142462
Ion Ratio Lower Upper
180 100
182 90.0 74.7 112.1
145 32.0 25.0 37.4

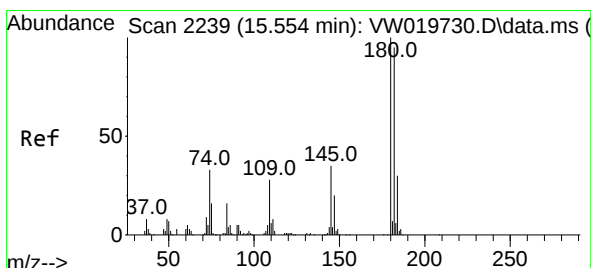
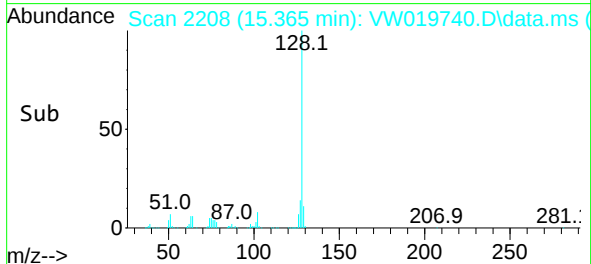
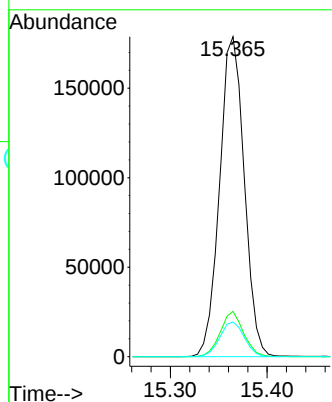
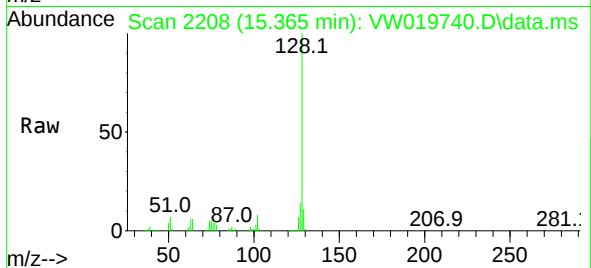




#71
Naphthalene
Concen: 28.621 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Tgt Ion:128 Resp: 315957
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 26.809 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019740.D
Acq: 13 Aug 2021 17:21

Tgt Ion:180 Resp: 134680
Ion Ratio Lower Upper
180 100
182 94.4 76.7 115.1
145 33.8 28.9 43.3

