

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072721\
 Data File : VW019631.D
 Acq On : 27 Jul 2021 18:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: Jul 28 00:52:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 28 00:48:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	380632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	365875	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	191229	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	102091	18.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.720%
7) Chloroethane-d5	2.898	69	82731	21.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.040%
11) 1,1-Dichloroethene-d2	4.038	63	208713	20.057	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.240%
21) 2-Butanone-d5	7.086	46	82410	52.648	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.300%
24) Chloroform-d	7.653	84	241474	22.960	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	8.311	65	133742	23.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.680%
32) Benzene-d6	8.281	84	464368	21.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.280%
36) 1,2-Dichloropropane-d6	9.275	67	146588	21.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.360%
41) Toluene-d8	10.323	98	414862	21.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.520%
43) trans-1,3-Dichloroprop...	10.579	79	63624	21.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.560%
47) 2-Hexanone-d5	10.927	63	67038	53.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.460%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	141457	25.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	151290	22.423	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	112416	24.793	ug/L	100
3) Chloromethane	2.221	50	100232	21.543	ug/L	97
5) Vinyl chloride	2.373	62	146176	22.827	ug/L	97
6) Bromomethane	2.788	94	84800	23.949	ug/L	99
8) Chloroethane	2.934	64	83841	24.598	ug/L	95
9) Trichlorofluoromethane	3.269	101	92264	23.717	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	120267	24.169	ug/L	94
12) 1,1-Dichloroethene	4.056	96	117958	23.738	ug/L	92
13) Acetone	4.129	43	51569	44.711	ug/L	87
14) Carbon disulfide	4.397	76	358735	22.544	ug/L	99
15) Methyl Acetate	4.678	43	66341	25.843	ug/L	99
16) Methylene chloride	4.928	84	147709	19.466	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	127418	23.579	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	181316	24.286	ug/L	96
19) 1,1-Dichloroethane	6.226	63	237653	23.953	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	139454	24.399	ug/L	98
22) 2-Butanone	7.177	43	81875	45.877	ug/L	99
23) Bromochloromethane	7.519	128	65043	25.269	ug/L	97
25) Chloroform	7.677	83	244723	24.935	ug/L	100

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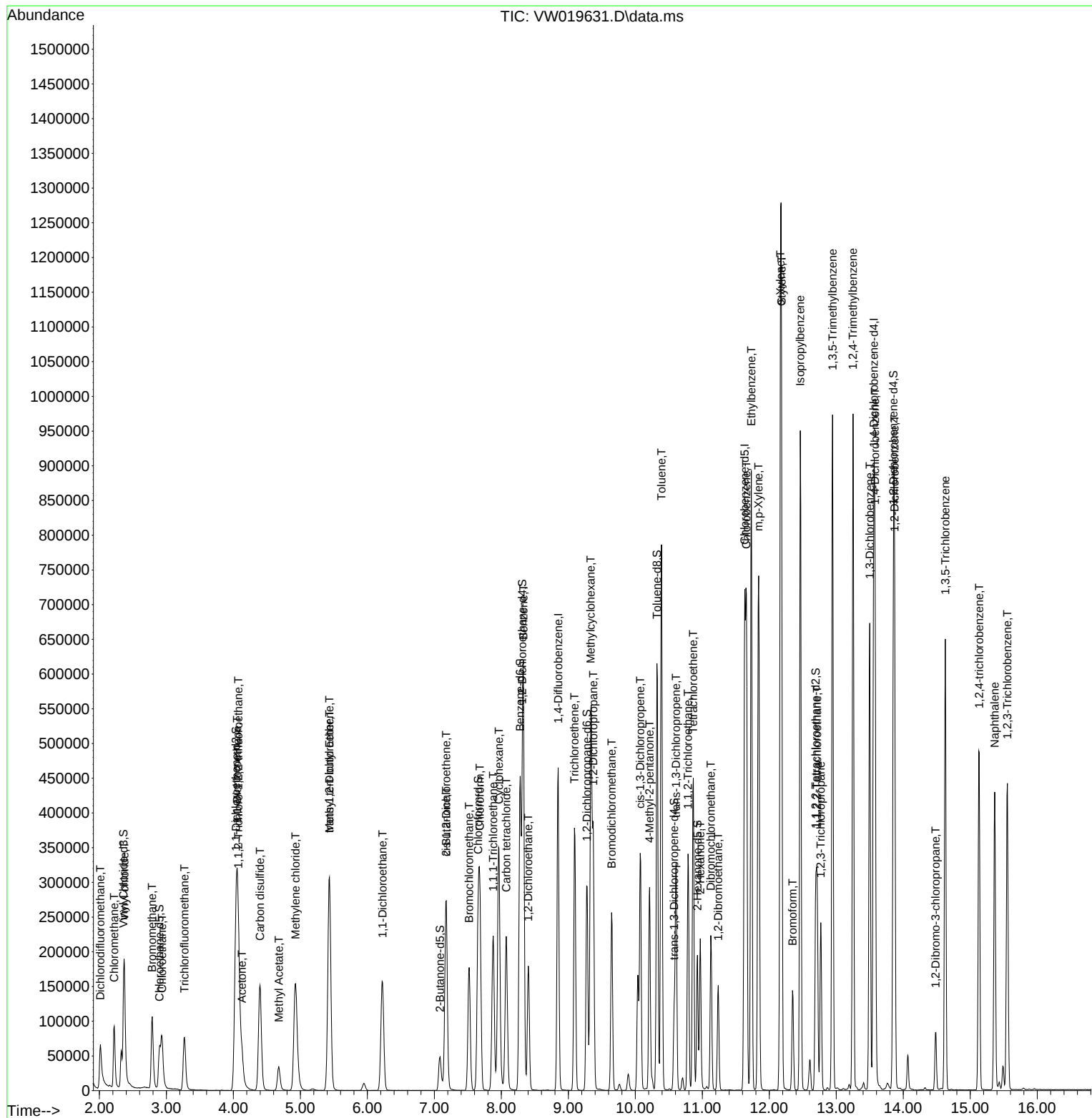
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	165600	25.079	ug/L	97
29) Cyclohexane	7.964	56	205852	21.940	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	183322	24.277	ug/L	99
31) Carbon tetrachloride	8.074	117	169535	24.131	ug/L	100
33) Benzene	8.330	78	550511	24.039	ug/L	100
34) Trichloroethene	9.092	95	136560	23.364	ug/L	93
35) Methylcyclohexane	9.335	83	231485	22.380	ug/L	95
37) 1,2-Dichloropropane	9.372	63	140985	24.293	ug/L	99
38) Bromodichloromethane	9.646	83	176377	24.509	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	209549	23.610	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	188262	51.397	ug/L	97
42) Toluene	10.390	91	580723	24.329	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	187601	24.031	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	108719	25.177	ug/L	99
46) Tetrachloroethene	10.866	164	104076	23.363	ug/L	100
48) 2-Hexanone	10.969	43	131669	52.778	ug/L	96
49) Dibromochloromethane	11.128	129	117191	25.236	ug/L	91
50) 1,2-Dibromoethane	11.238	107	103806	25.063	ug/L	99
51) Chlorobenzene	11.658	112	360318	24.006	ug/L	96
52) Ethylbenzene	11.731	91	619910	23.856	ug/L	98
53) m,p-Xylene	11.841	106	241183	24.559	ug/L	98
54) o-Xylene	12.164	106	228765	24.651	ug/L	99
55) Styrene	12.183	104	404427	25.152	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	137114	25.784	ug/L	98
59) Bromoform	12.347	173	67409	24.696	ug/L	97
60) Isopropylbenzene	12.463	105	604722	23.530	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	103303	24.660	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	511160	23.754	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	518751	23.925	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	266058	22.623	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	275354	23.695	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	250382	23.632	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	22560	24.679	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	202175	23.527	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	156247	21.748	ug/L	96
71) Naphthalene	15.365	128	363359	25.041	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	153496	23.857	ug/L	97

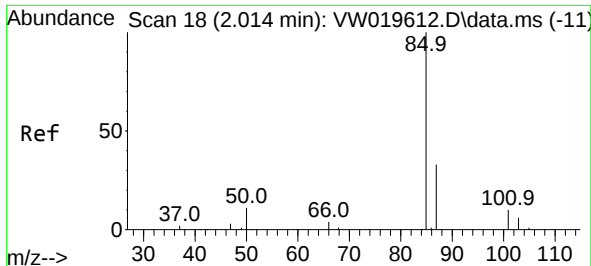
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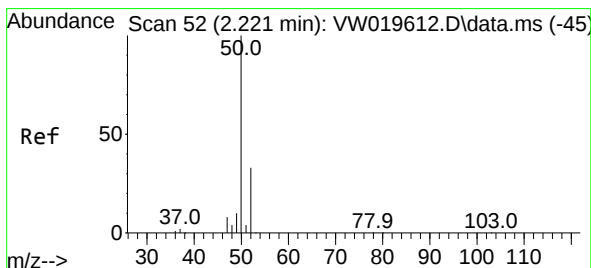
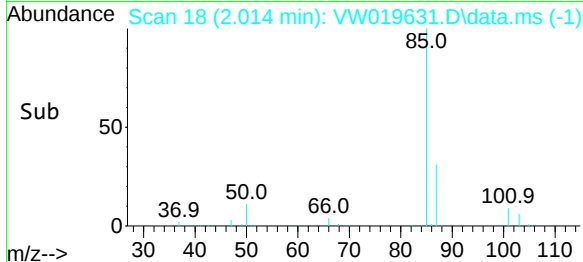
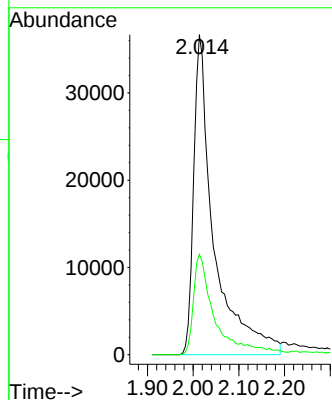
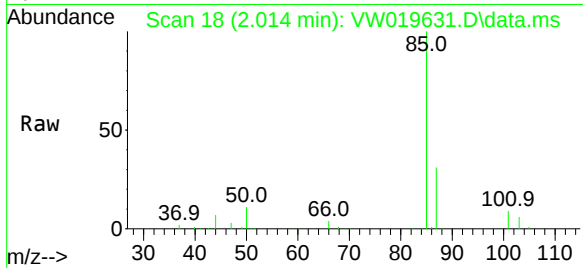




#2
Dichlorodifluoromethane
Concen: 24.793 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

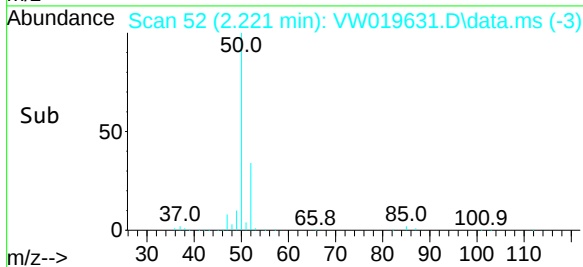
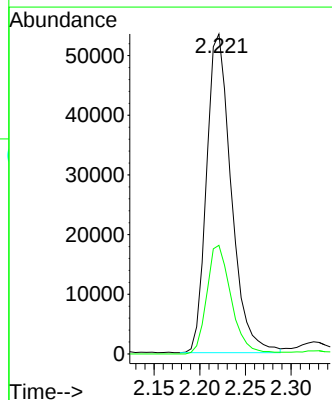
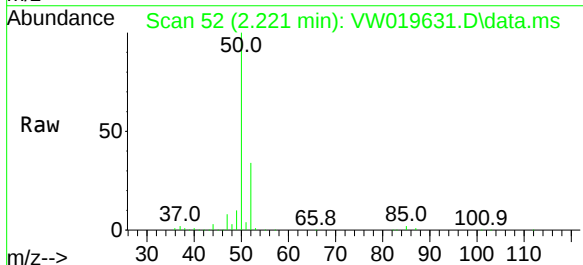
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MSVOA_W
ClientSampleId :
VSTD025500

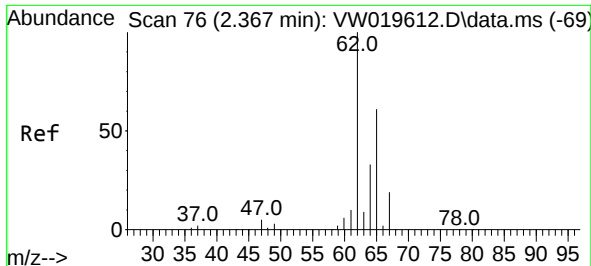
Tgt Ion: 85 Resp: 112416
Ion Ratio Lower Upper
85 100
87 29.1 23.3 34.9



#3
Chloromethane
Concen: 21.543 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 50 Resp: 100232
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.9

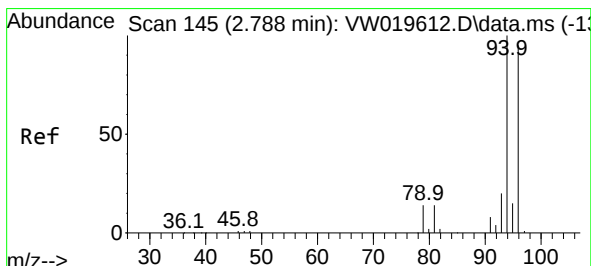
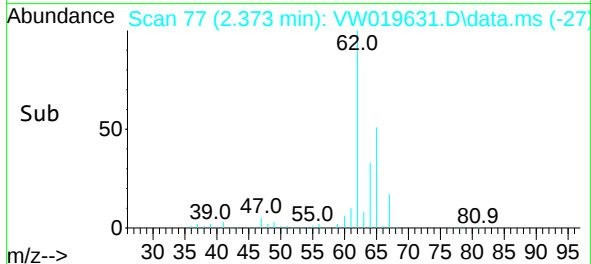
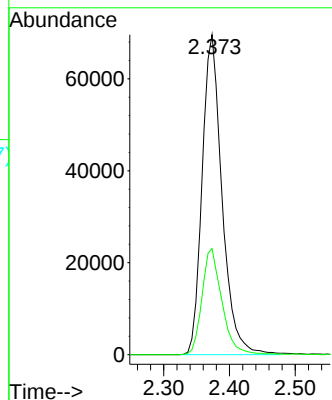
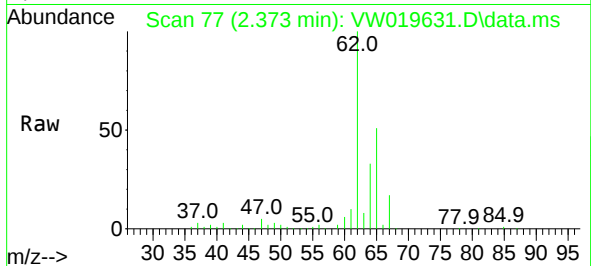




#5
 Vinyl chloride
 Concen: 22.827 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW019631.D
 Acq: 27 Jul 2021 18:47

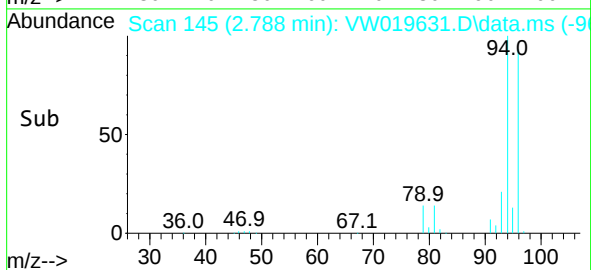
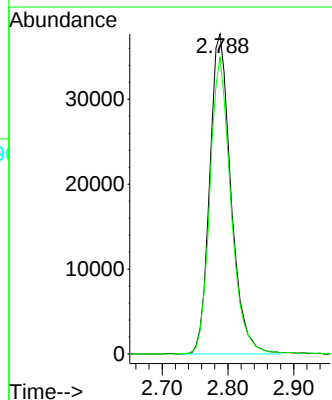
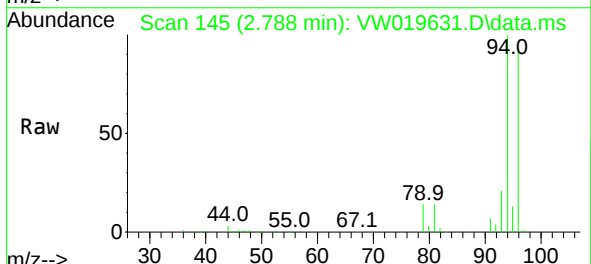
Instrument :
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 ClientSampleId :
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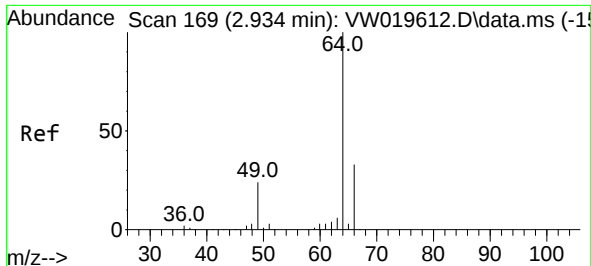
Tgt Ion: 62 Resp: 146176
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.2 45.0



#6
 Bromomethane
 Concen: 23.949 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW019631.D
 Acq: 27 Jul 2021 18:47

Tgt Ion: 94 Resp: 84800
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.3 121.3

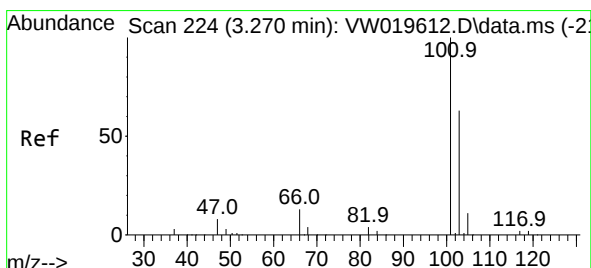
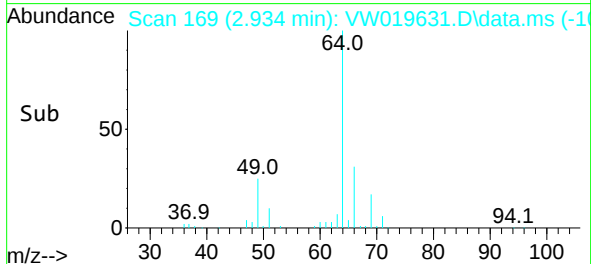
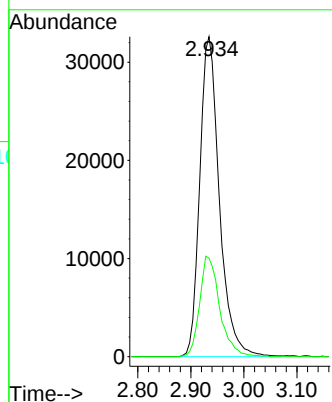
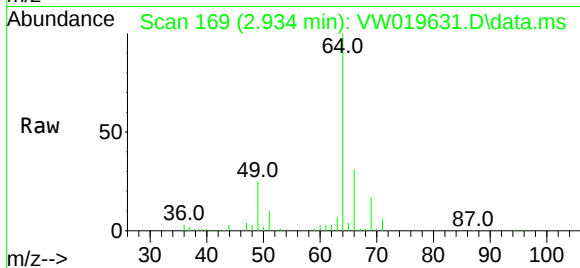




#8
Chloroethane
Concen: 24.598 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

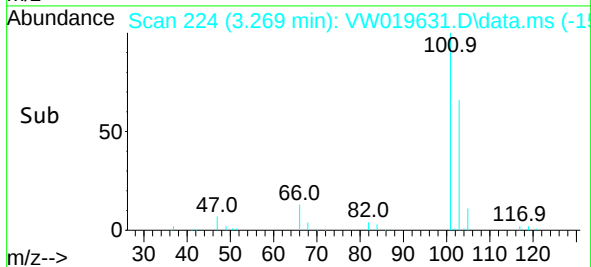
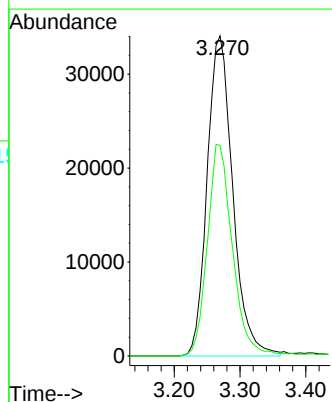
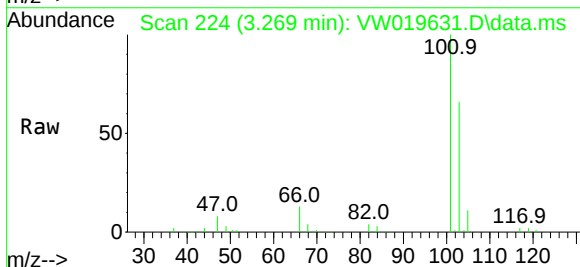
Instrument :
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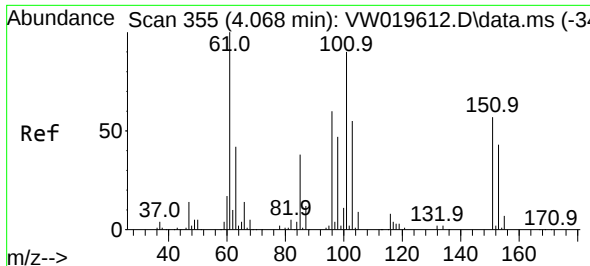
Tgt Ion: 64 Resp: 83841
Ion Ratio Lower Upper
64 100
66 30.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.717 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion:101 Resp: 92264
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

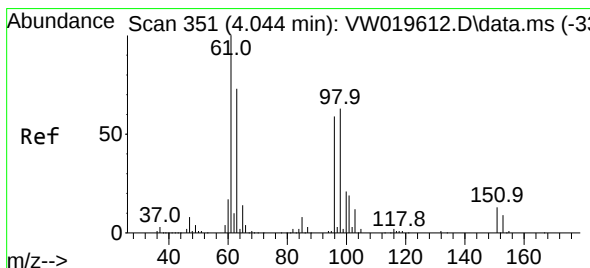
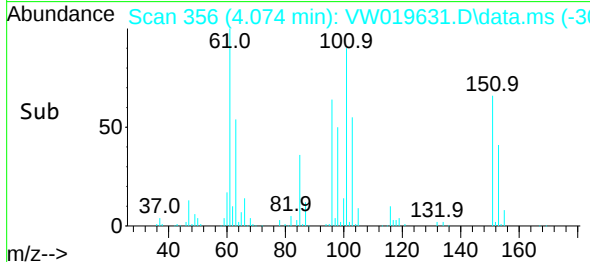
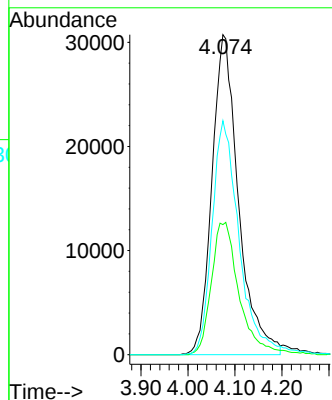
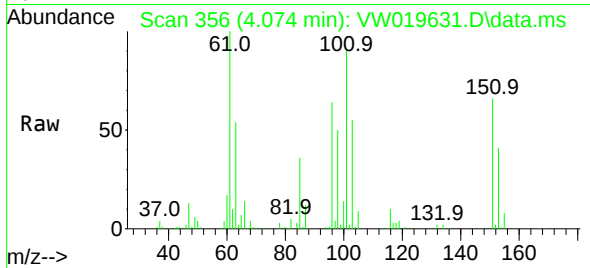




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.169 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW019631.D
 Acq: 27 Jul 2021 18:47

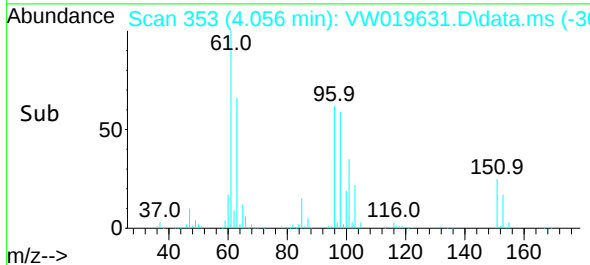
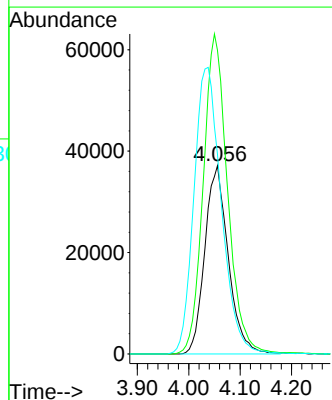
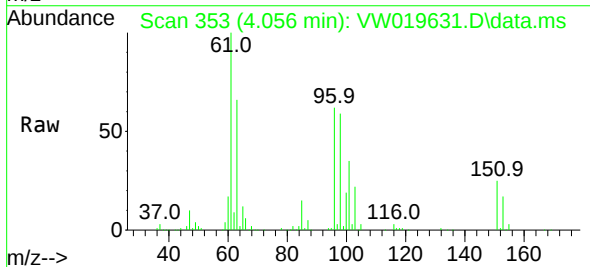
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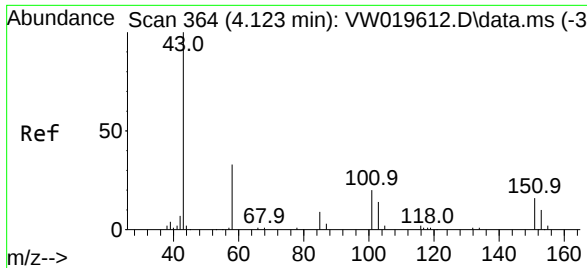
Tgt Ion:101 Resp: 120267
 Ion Ratio Lower Upper
 101 100
 85 43.4 38.2 57.2
 151 75.4 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 23.738 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.012 min
 Lab File: VW019631.D
 Acq: 27 Jul 2021 18:47

Tgt Ion: 96 Resp: 117958
 Ion Ratio Lower Upper
 96 100
 61 161.2 118.1 219.3
 63 106.1 83.7 155.5

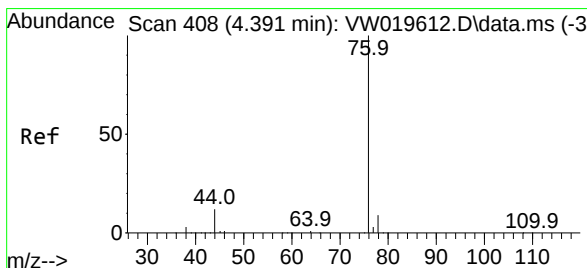
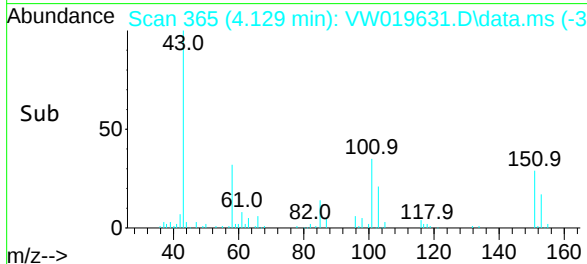
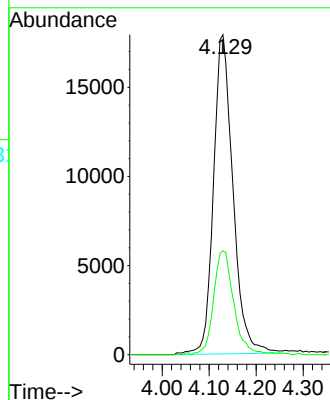
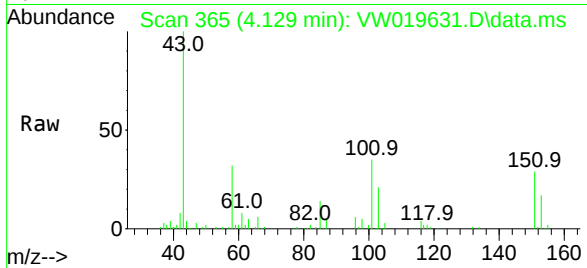




#13
Acetone
Concen: 44.711 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

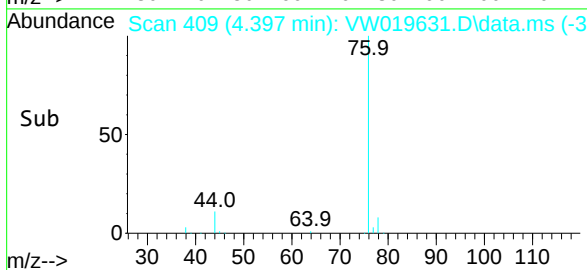
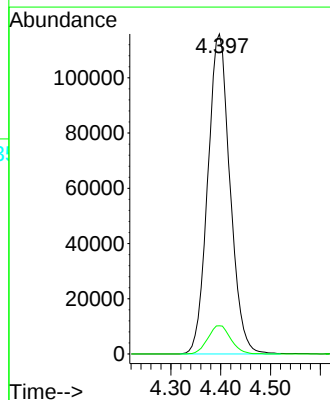
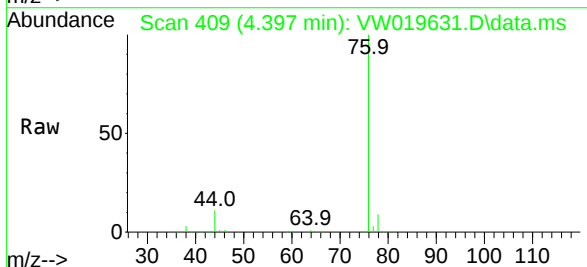
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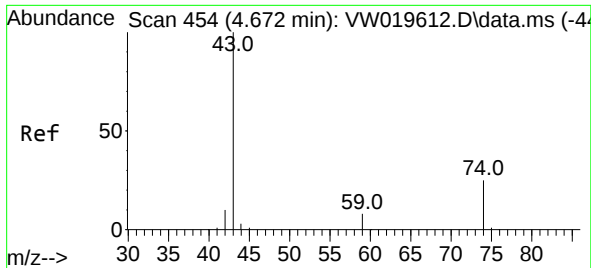
Tgt Ion: 43 Resp: 51569
Ion Ratio Lower Upper
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58 33.5 0.0 53.8



#14
Carbon disulfide
Concen: 22.544 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 76 Resp: 358735
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

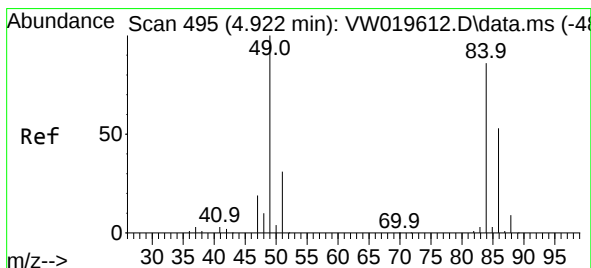
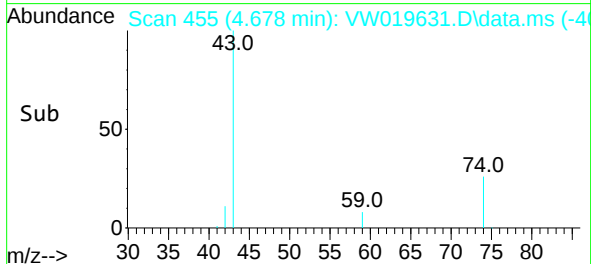
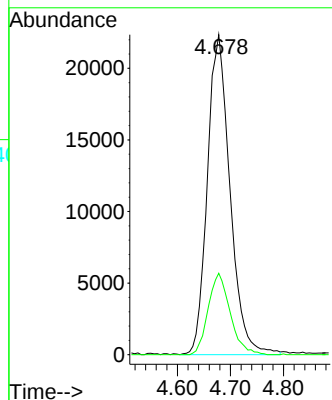
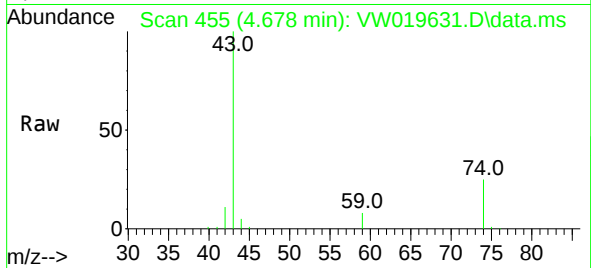




#15
Methyl Acetate
Concen: 25.843 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

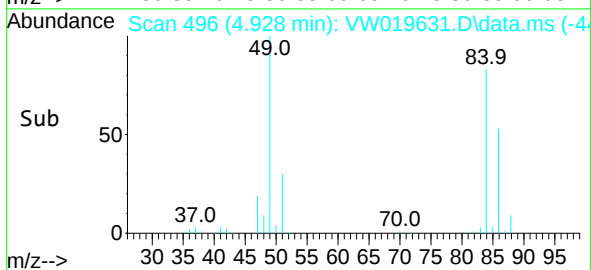
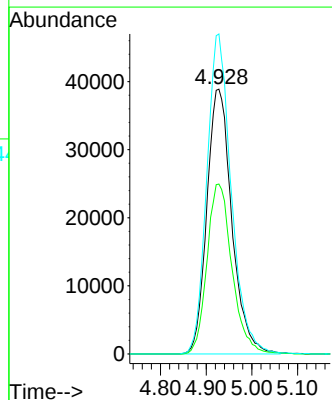
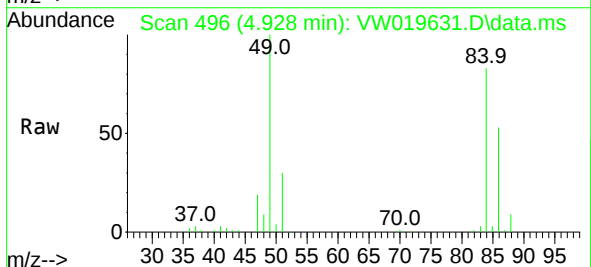
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

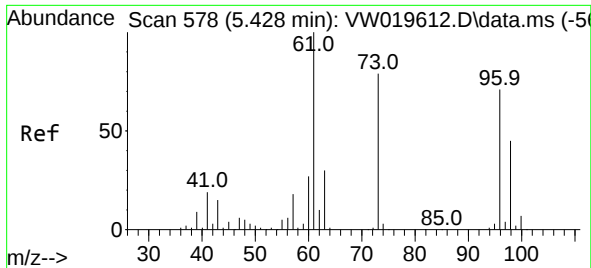
Tgt Ion: 43 Resp: 66341
Ion Ratio Lower Upper
43 100
74 24.7 20.0 30.0



#16
Methylene chloride
Concen: 19.466 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 84 Resp: 147709
Ion Ratio Lower Upper
84 100
86 64.2 45.3 84.1
49 120.8 86.6 160.8



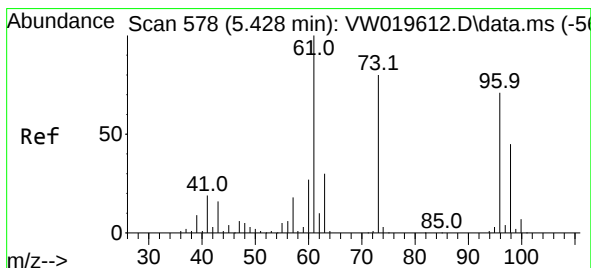
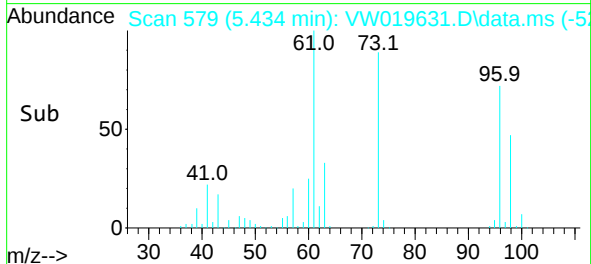
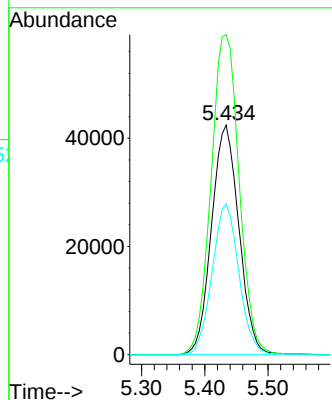
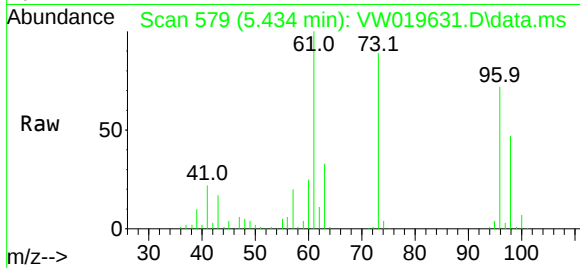


#17
trans-1,2-Dichloroethene
Concen: 23.579 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Tgt Ion: 96 Resp: 127418

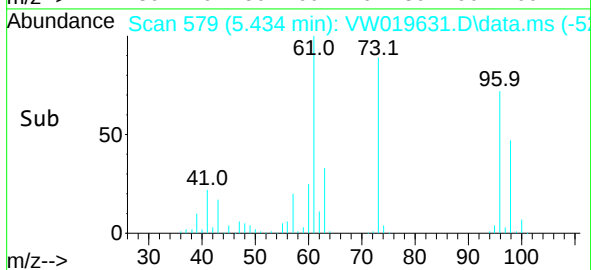
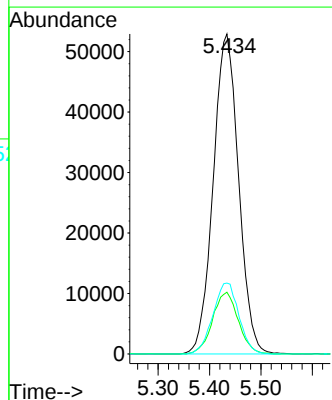
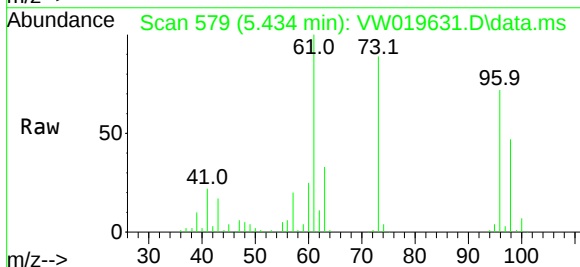
Ion	Ratio	Lower	Upper
96	100		
61	139.4	98.3	182.7
98	65.7	46.1	85.7

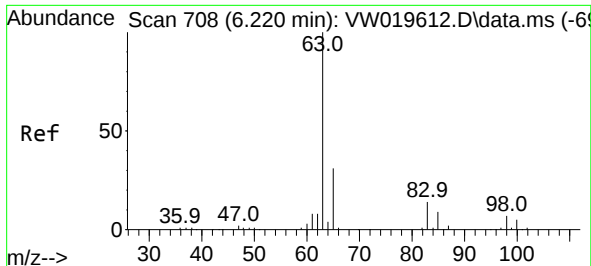


#18
Methyl tert-butyl Ether
Concen: 24.286 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 73 Resp: 181316

Ion	Ratio	Lower	Upper
73	100		
43	19.6	17.7	26.5
57	22.7	17.0	25.4





#19

1,1-Dichloroethane

Concen: 23.953 ug/L

RT: 6.226 min Scan# 709

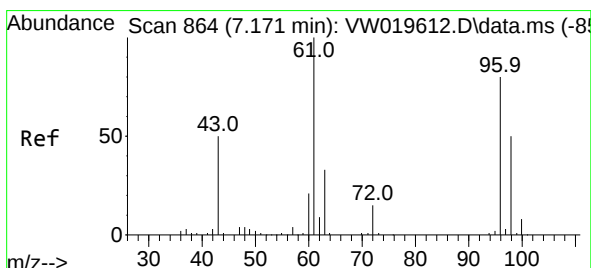
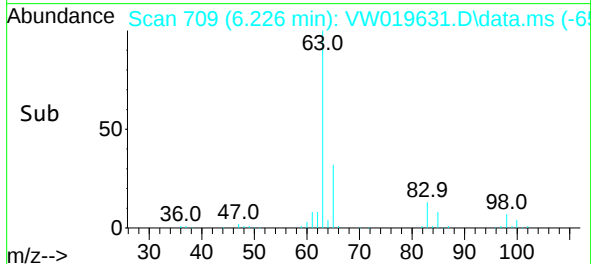
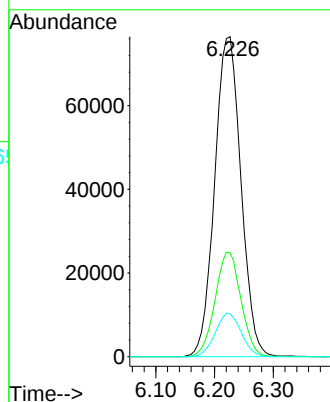
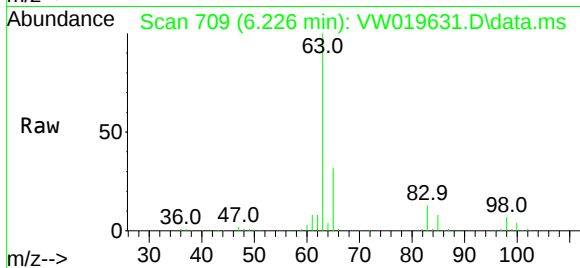
Delta R.T. 0.006 min

Lab File: VW019631.D

Acq: 27 Jul 2021 18:47

Tgt Ion: 63 Resp: 237653

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.9	42.5
83	13.4	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 24.399 ug/L

RT: 7.177 min Scan# 865

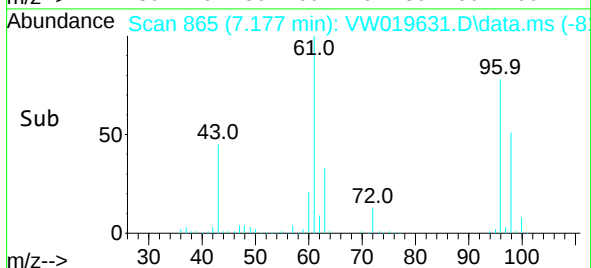
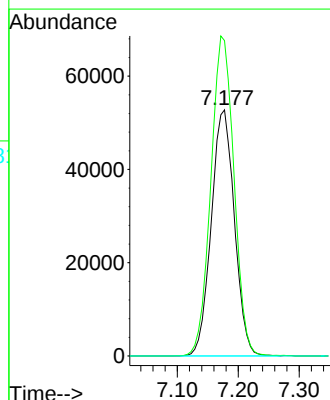
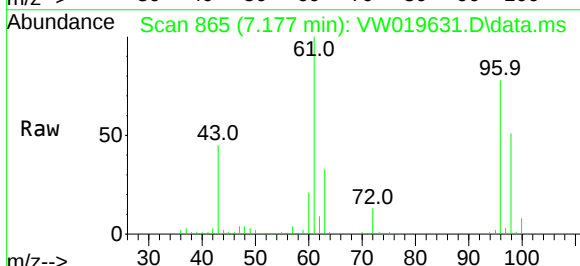
Delta R.T. 0.006 min

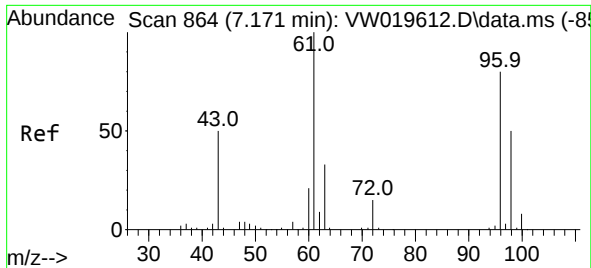
Lab File: VW019631.D

Acq: 27 Jul 2021 18:47

Tgt Ion: 96 Resp: 139454

Ion	Ratio	Lower	Upper
96	100		
61	128.1	88.5	164.3
68	0.0	0.0	0.0

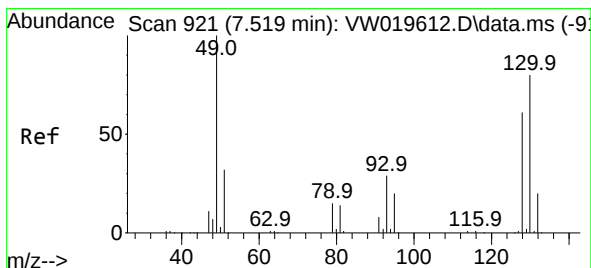
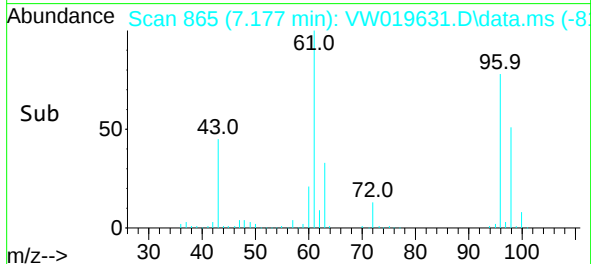
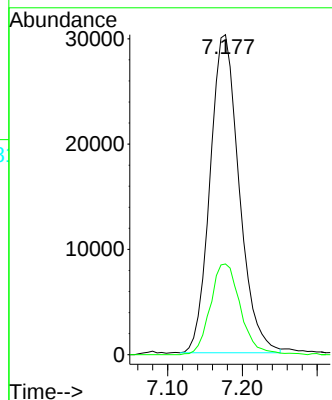
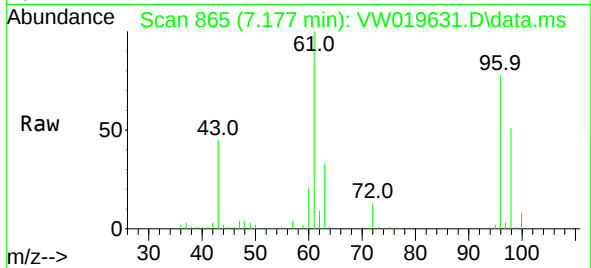




#22
2-Butanone
Concen: 45.877 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

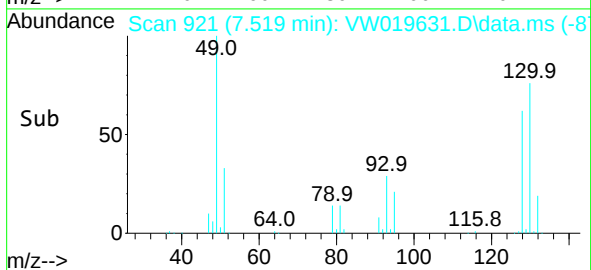
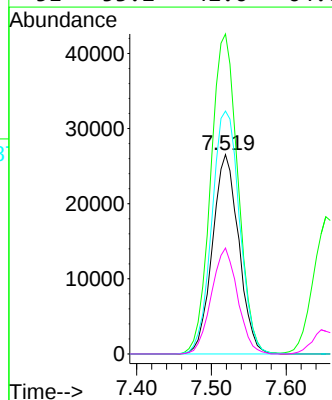
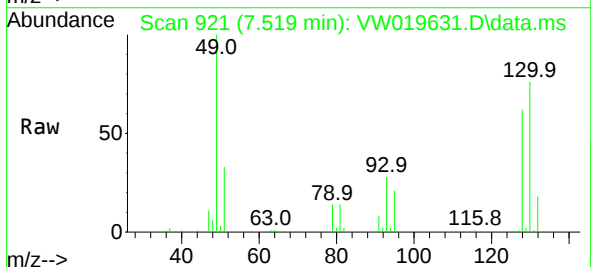
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

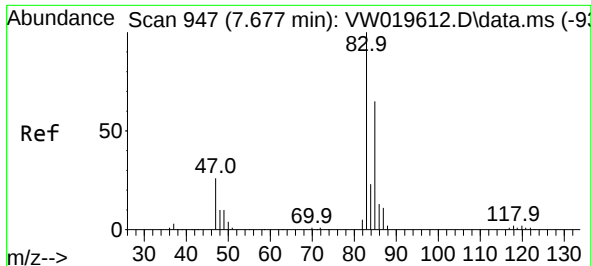
Tgt Ion: 43 Resp: 81875
Ion Ratio Lower Upper
43 100
72 29.3 14.9 44.7



#23
Bromochloromethane
Concen: 25.269 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 128 Resp: 65043
Ion Ratio Lower Upper
128 100
49 160.6 116.3 215.9
130 121.9 82.4 153.0
51 53.2 42.6 64.0





#25

Chloroform

Concen: 24.935 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW019631.D

Acq: 27 Jul 2021 18:47

Tgt Ion: 83 Resp: 244723

Ion Ratio Lower Upper

83 100

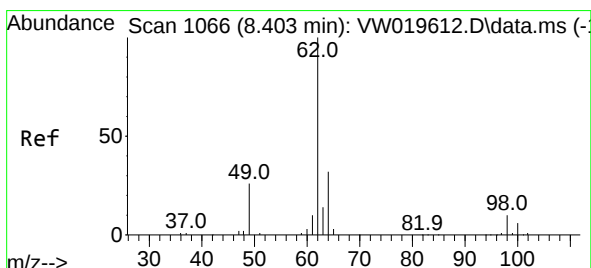
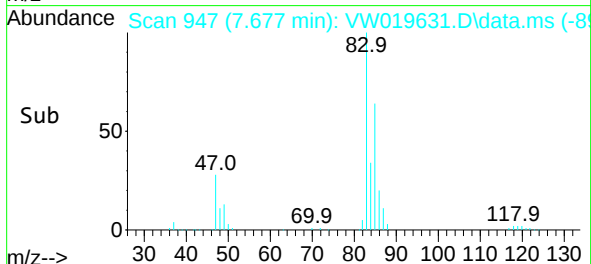
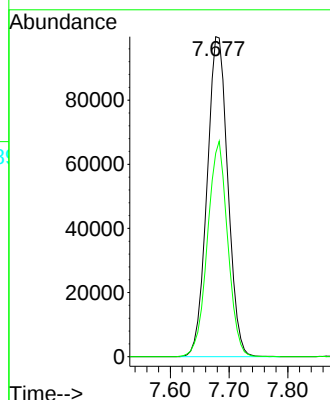
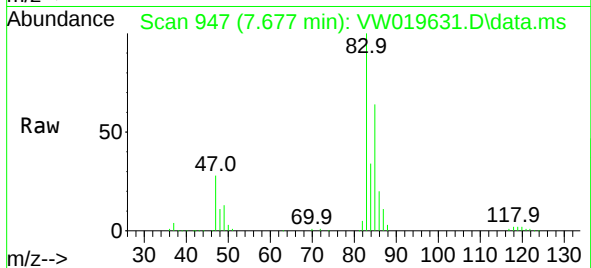
85 63.6 44.6 82.8

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500



#27

1,2-Dichloroethane

Concen: 25.079 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW019631.D

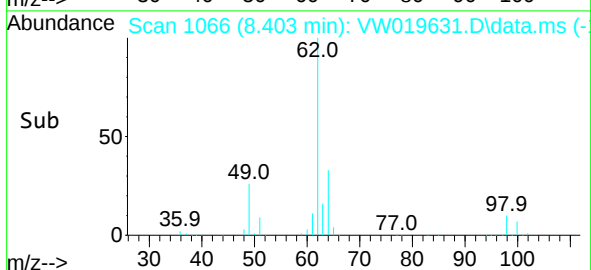
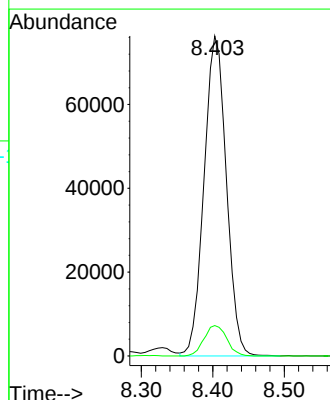
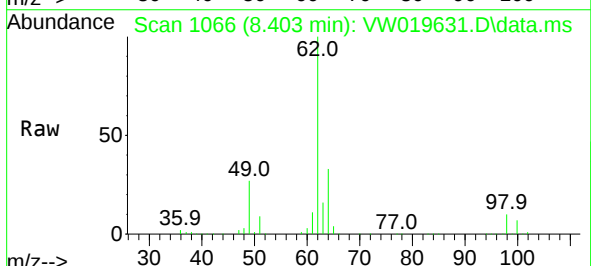
Acq: 27 Jul 2021 18:47

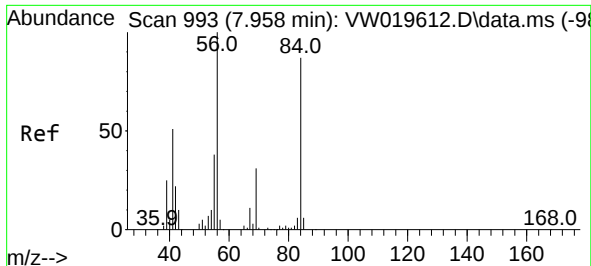
Tgt Ion: 62 Resp: 165600

Ion Ratio Lower Upper

62 100

98 9.5 6.9 10.3





#29

Cyclohexane

Concen: 21.940 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.006 min

Lab File: VW019631.D

Acq: 27 Jul 2021 18:47

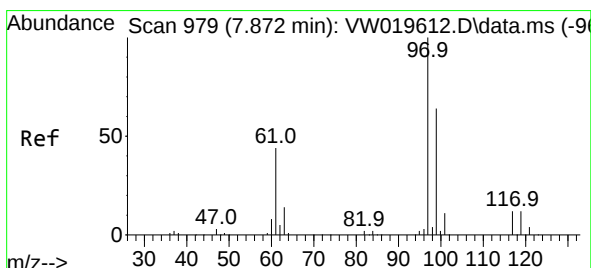
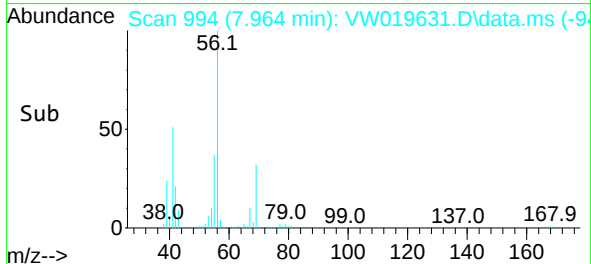
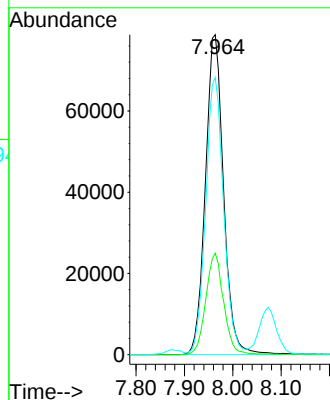
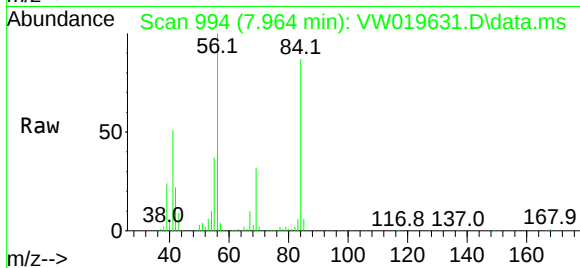
Tgt Ion: 56 Resp: 205852

Ion Ratio Lower Upper

56 100

69 30.9 24.5 36.7

84 85.8 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 24.277 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW019631.D

Acq: 27 Jul 2021 18:47

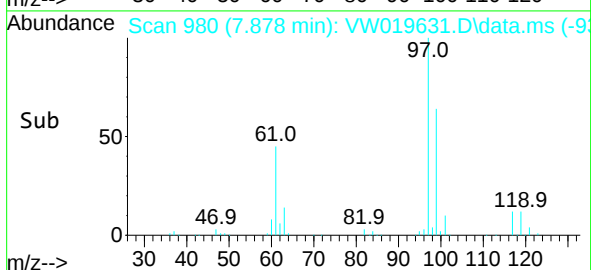
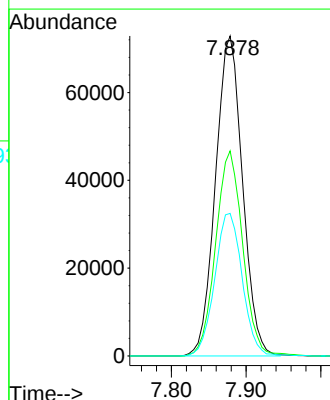
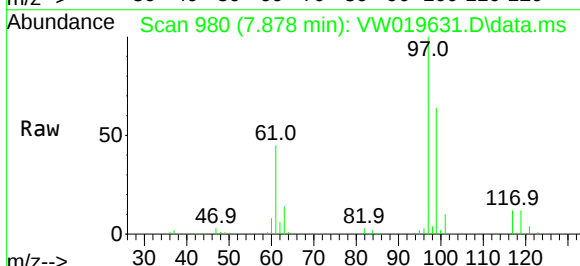
Tgt Ion: 97 Resp: 183322

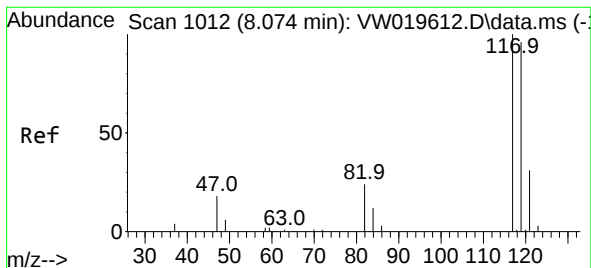
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.2

61 45.4 37.8 56.6

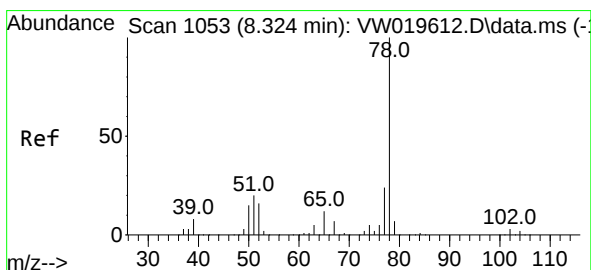
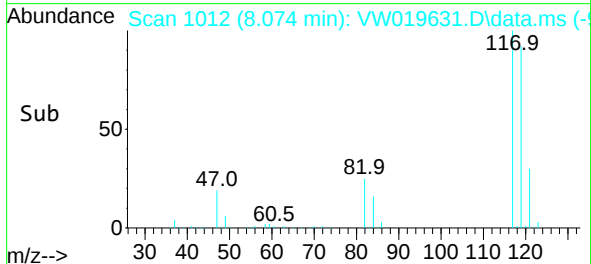
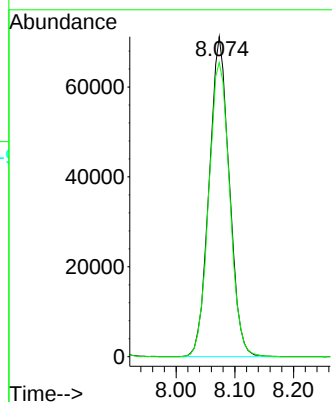
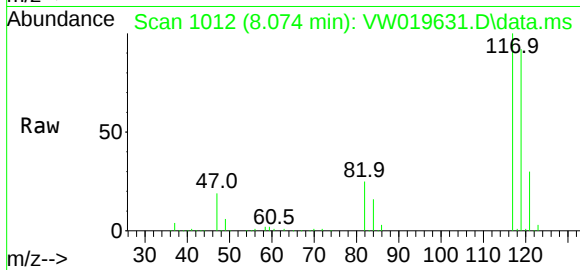




#31
Carbon tetrachloride
Concen: 24.131 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

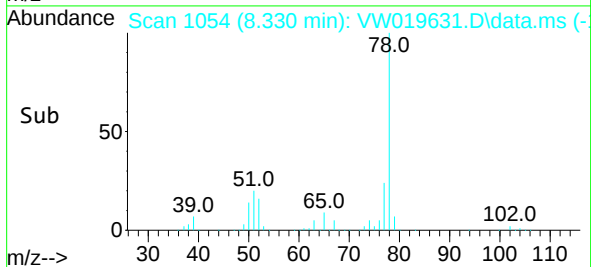
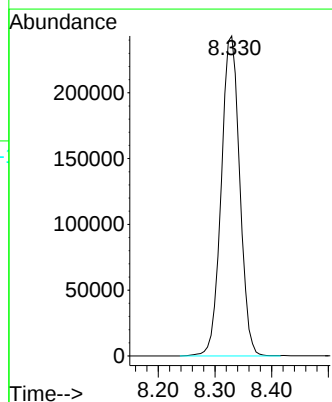
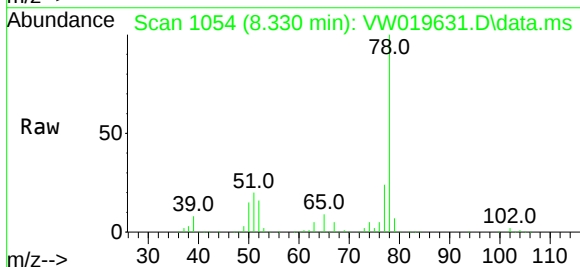
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

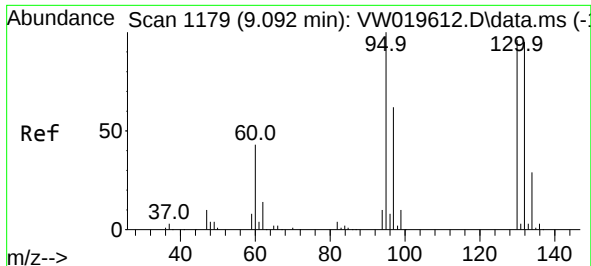
Tgt Ion:117 Resp: 169535
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7



#33
Benzene
Concen: 24.039 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 78 Resp: 550511

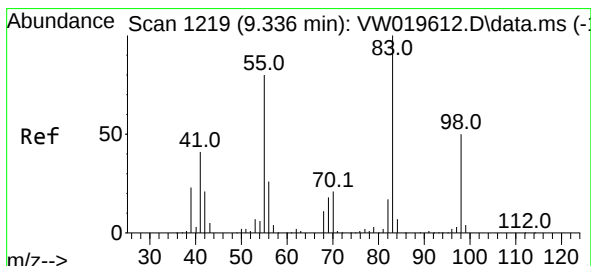
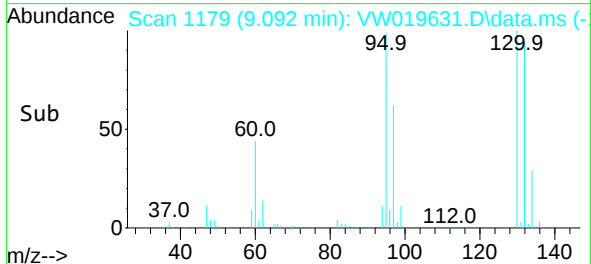
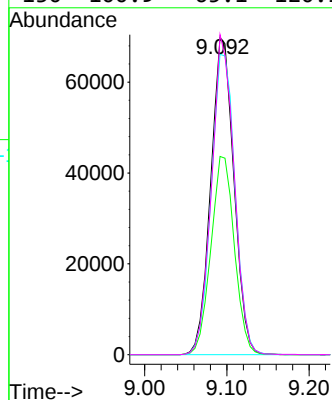
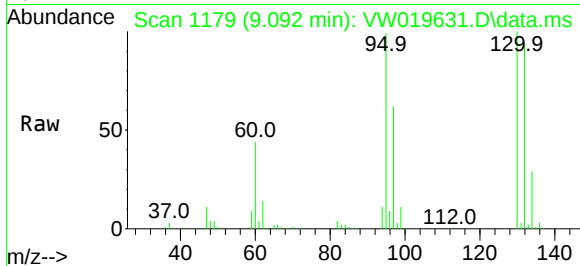




#34
Trichloroethene
Concen: 23.364 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

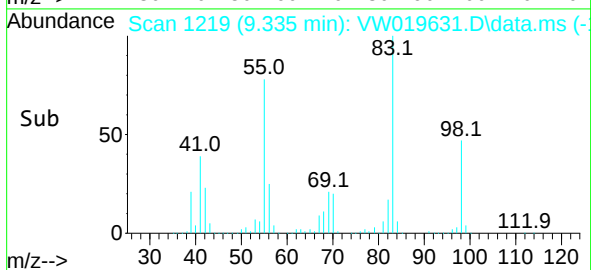
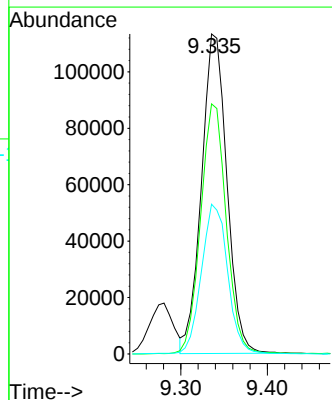
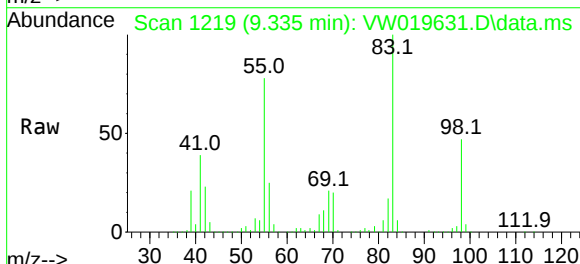
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

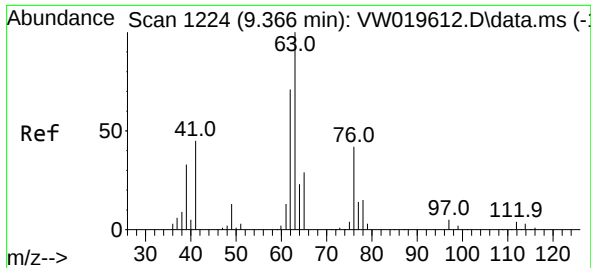
Tgt Ion: 95 Resp: 136560
Ion Ratio Lower Upper
95 100
97 62.5 47.3 87.8
132 94.7 71.0 131.8
130 100.9 65.1 120.9



#35
Methylcyclohexane
Concen: 22.380 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 83 Resp: 231485
Ion Ratio Lower Upper
83 100
55 78.8 58.9 88.3
98 48.3 40.1 60.1

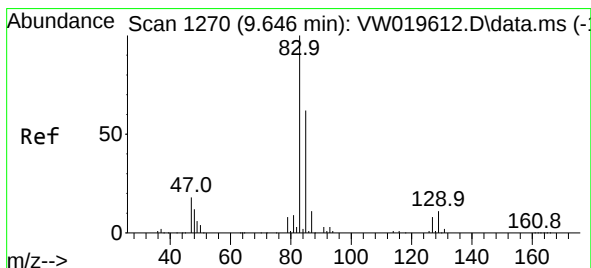
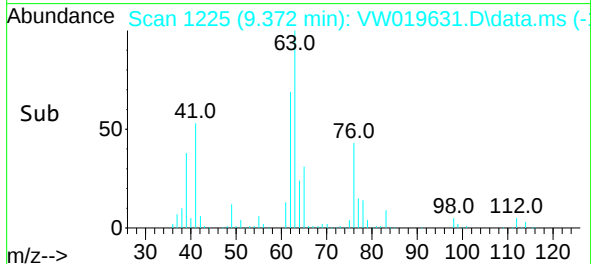
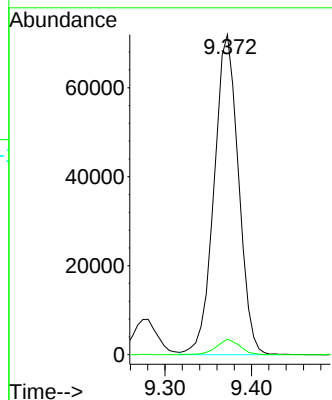
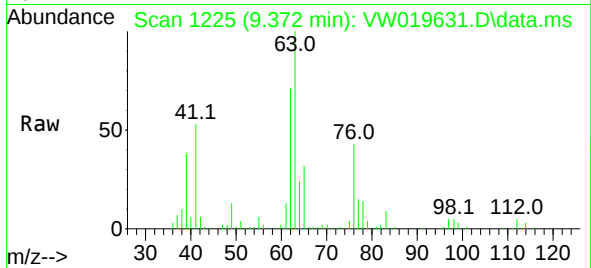




#37
1,2-Dichloropropane
Concen: 24.293 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

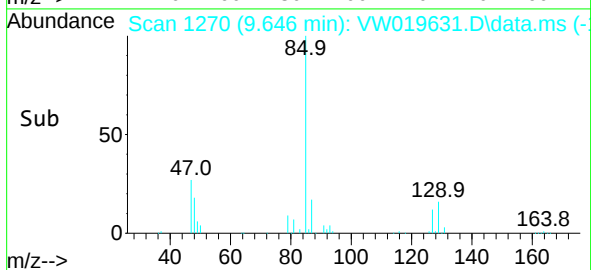
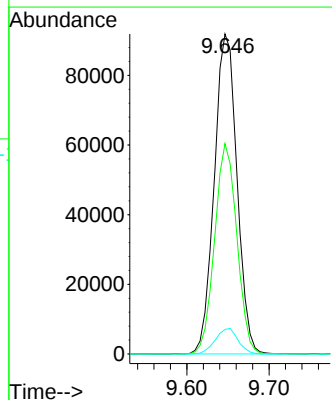
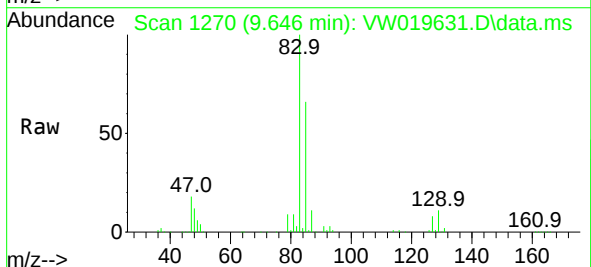
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

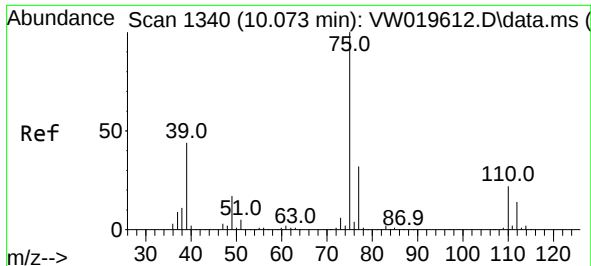
Tgt Ion: 63 Resp: 140985
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 24.509 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 83 Resp: 176377
Ion Ratio Lower Upper
83 100
85 65.7 42.3 78.5
127 7.6 6.6 9.8

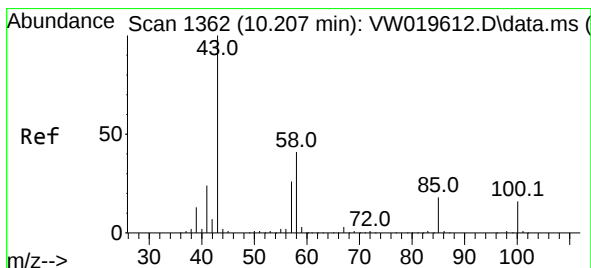
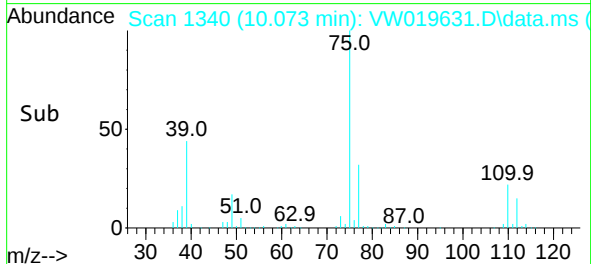
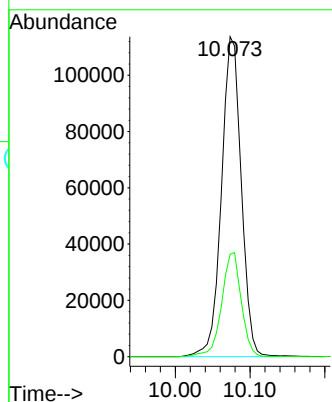
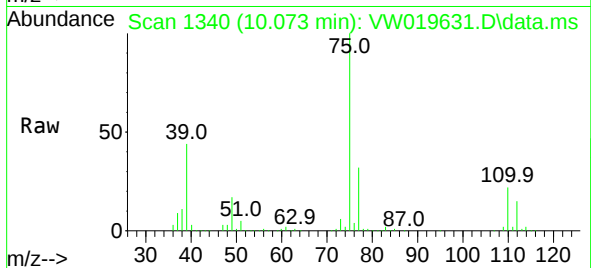




#39
cis-1,3-Dichloropropene
Concen: 23.610 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

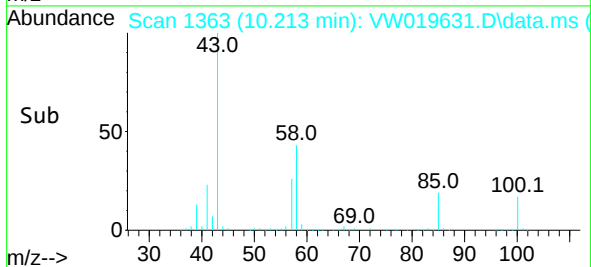
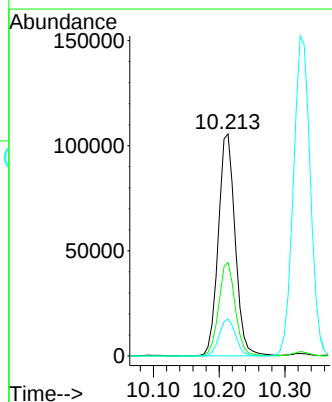
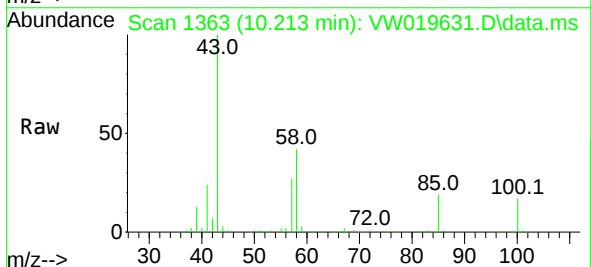
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

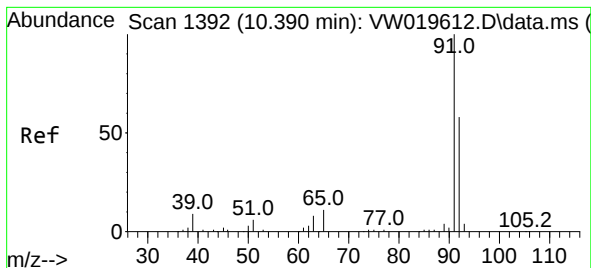
Tgt Ion: 75 Resp: 209549
Ion Ratio Lower Upper
75 100
77 32.1 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 51.397 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 43 Resp: 188262
Ion Ratio Lower Upper
43 100
58 41.3 31.0 46.4
100 16.3 13.0 19.6





#42

Toluene

Concen: 24.329 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019631.D

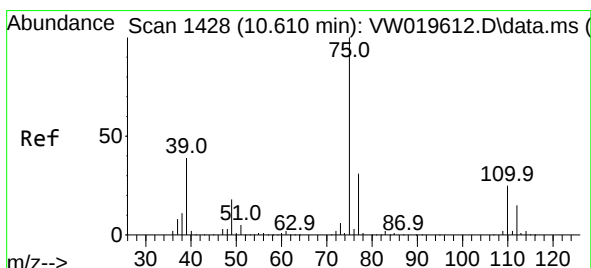
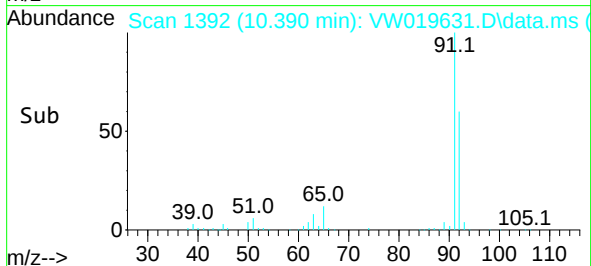
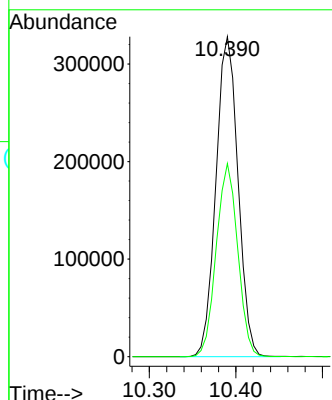
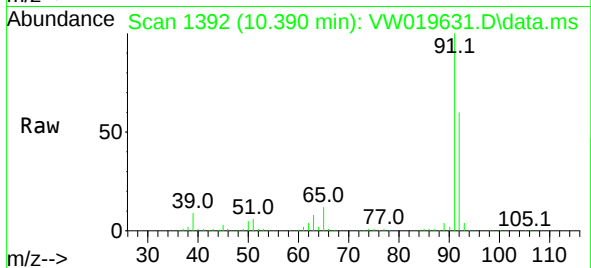
Acq: 27 Jul 2021 18:47

Tgt Ion: 91 Resp: 580723

Ion Ratio Lower Upper

91 100

92 60.4 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 24.031 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. -0.000 min

Lab File: VW019631.D

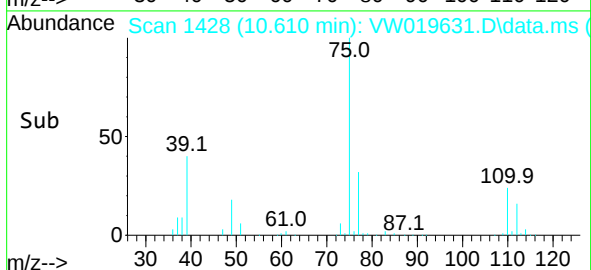
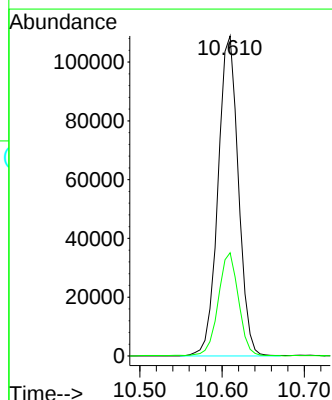
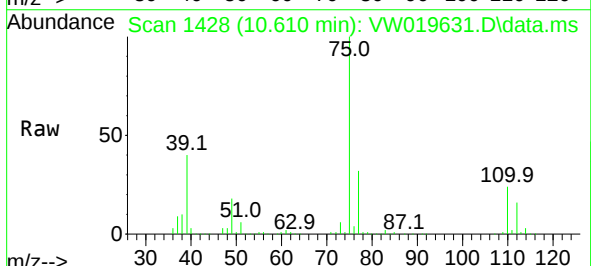
Acq: 27 Jul 2021 18:47

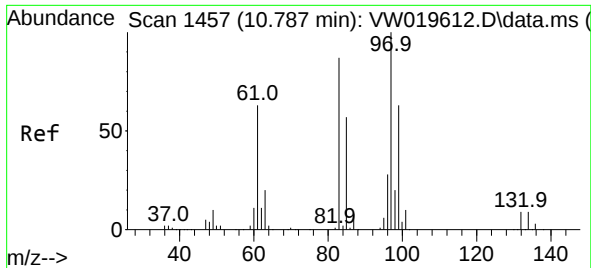
Tgt Ion: 75 Resp: 187601

Ion Ratio Lower Upper

75 100

77 32.2 21.1 39.1



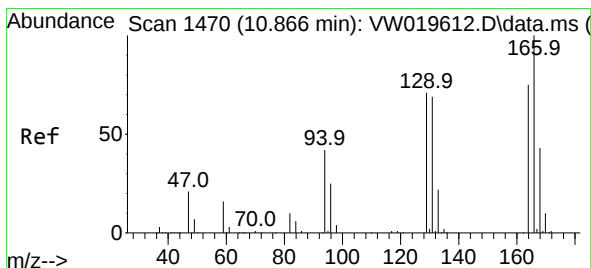
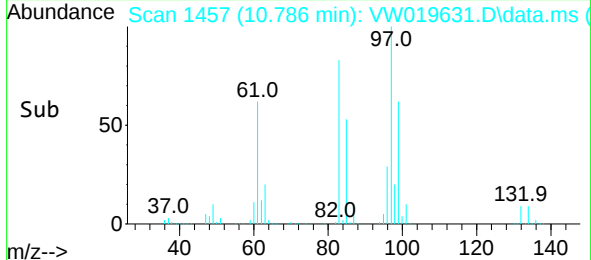
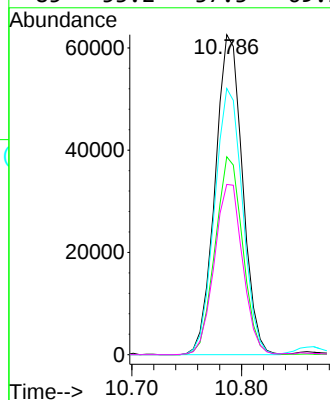
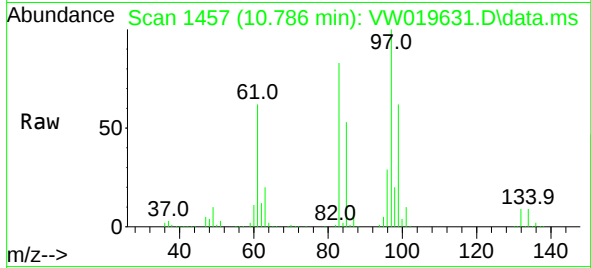


#45
1,1,2-Trichloroethane
Concen: 25.177 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Tgt Ion: 97 Resp: 108719

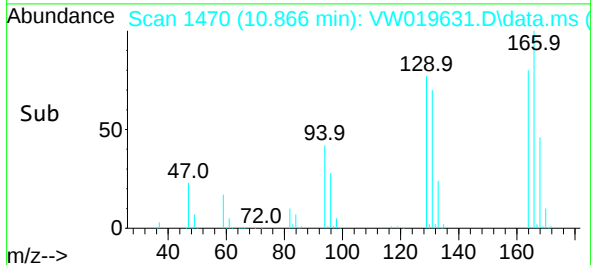
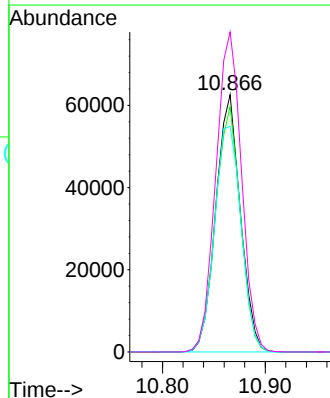
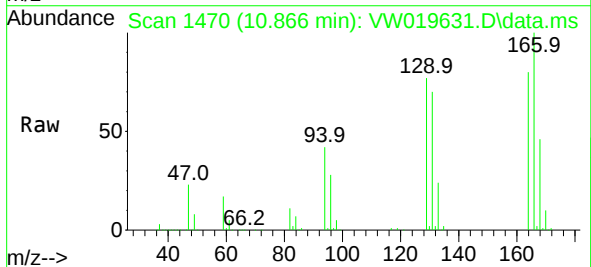
Ion	Ratio	Lower	Upper
97	100		
99	61.9	45.1	83.7
83	83.2	58.1	107.9
85	53.2	37.3	69.3

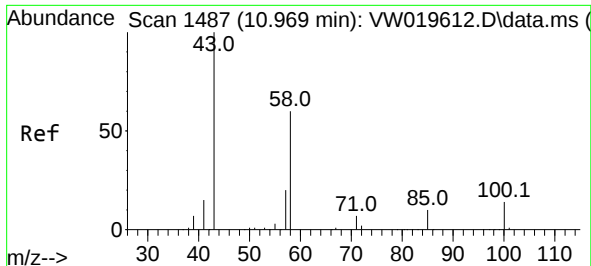


#46
Tetrachloroethene
Concen: 23.363 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 164 Resp: 104076

Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.7	123.9
131	87.7	61.1	113.5
166	124.4	87.0	161.6

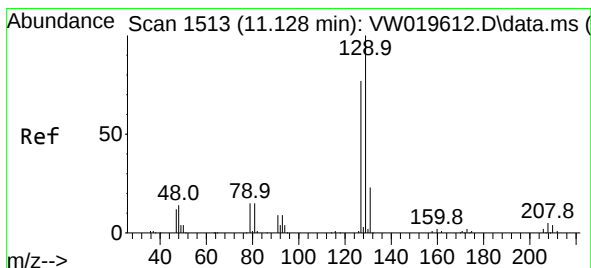
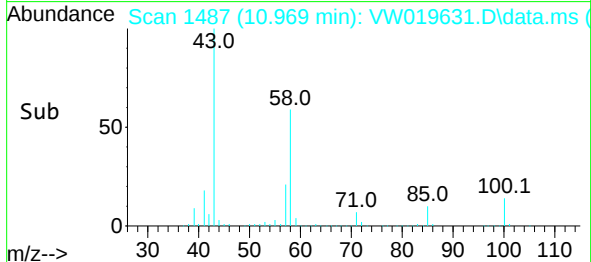
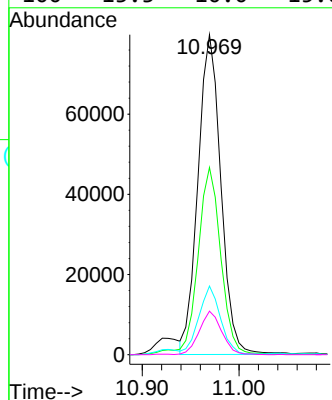
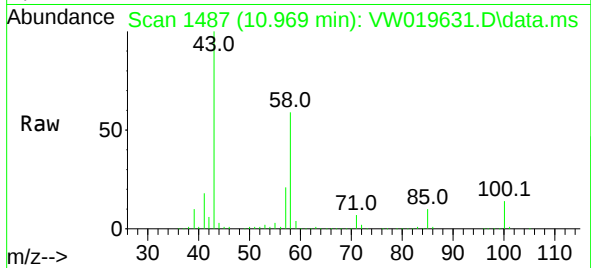




#48
2-Hexanone
Concen: 52.778 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

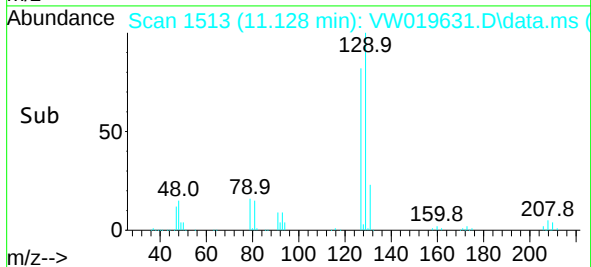
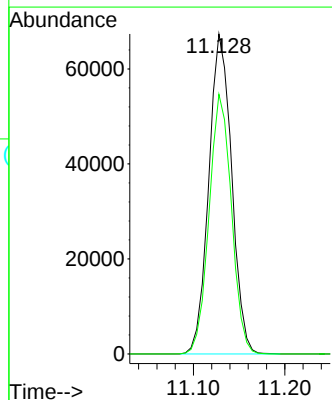
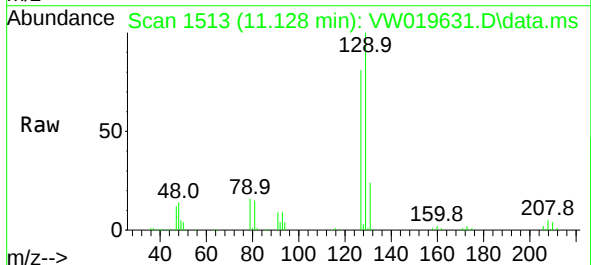
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

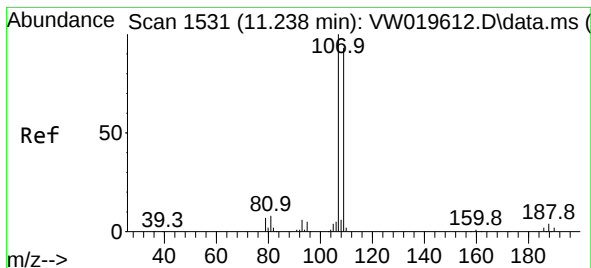
Tgt Ion:	43	Resp:	131669
Ion	Ratio	Lower	Upper
43	100		
58	57.8	42.7	64.1
57	20.4	15.8	23.8
100	13.3	10.0	15.0



#49
Dibromochloromethane
Concen: 25.236 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

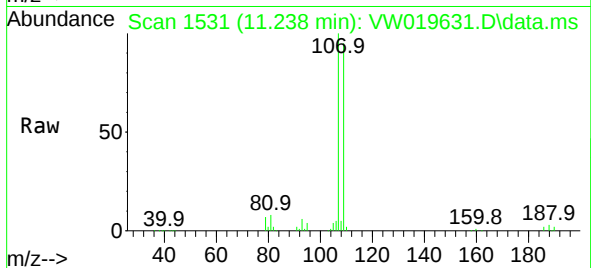
Tgt Ion:	129	Resp:	117191
Ion	Ratio	Lower	Upper
129	100		
127	81.2	51.7	95.9



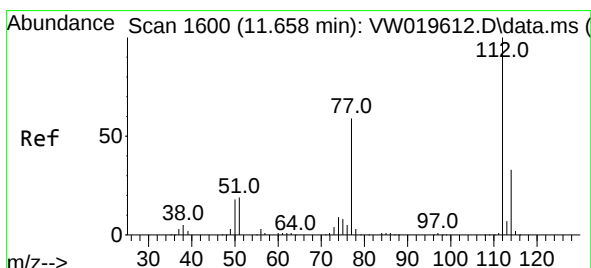
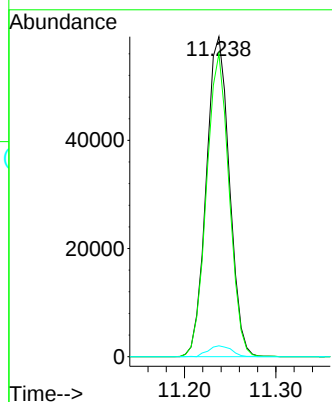
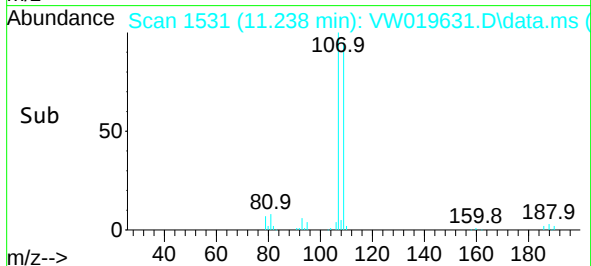


#50
1,2-Dibromoethane
Concen: 25.063 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

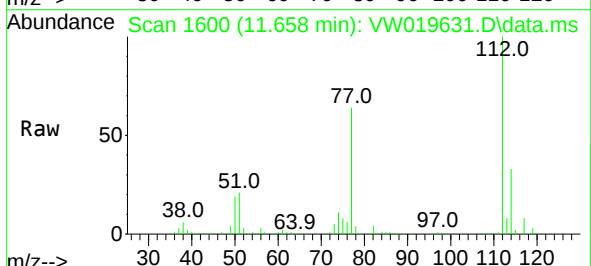
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500



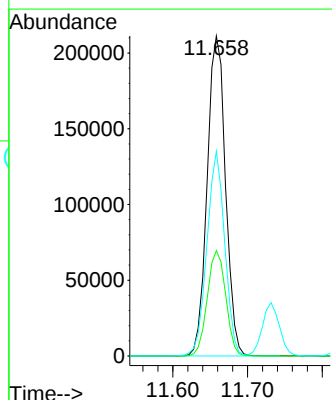
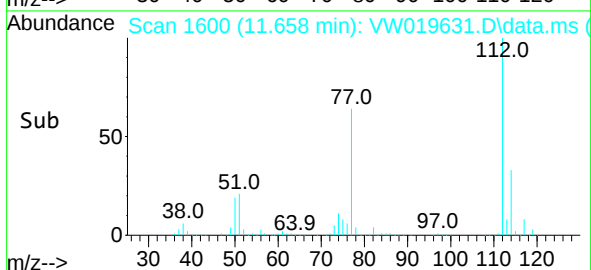
Tgt Ion:107 Resp: 103806
Ion Ratio Lower Upper
107 100
109 94.7 65.4 121.4
188 3.4 2.6 4.0

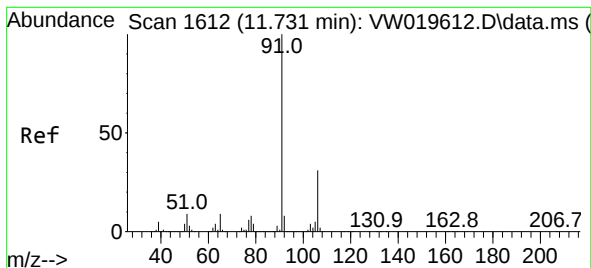


#51
Chlorobenzene
Concen: 24.006 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47



Tgt Ion:112 Resp: 360318
Ion Ratio Lower Upper
112 100
114 32.9 23.4 43.6
77 64.0 47.6 71.4

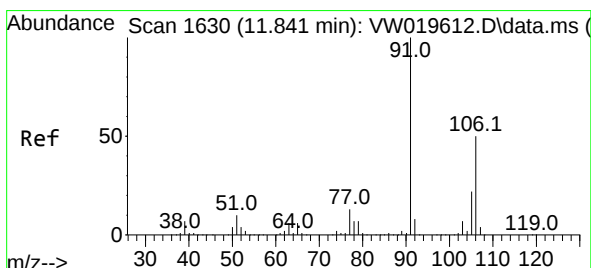
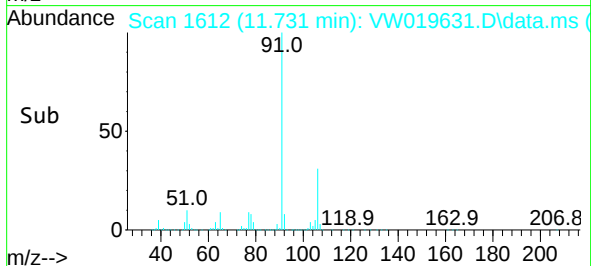
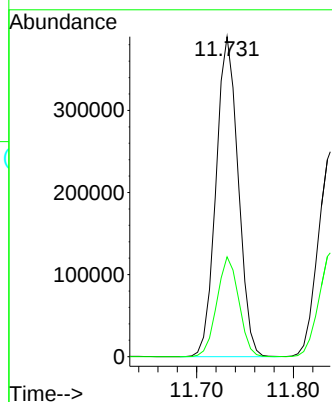
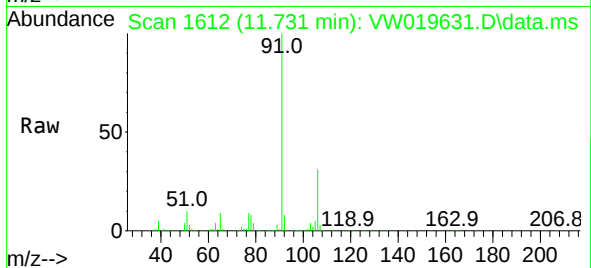




#52
Ethylbenzene
Concen: 23.856 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

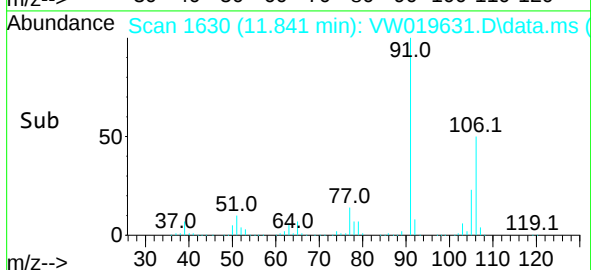
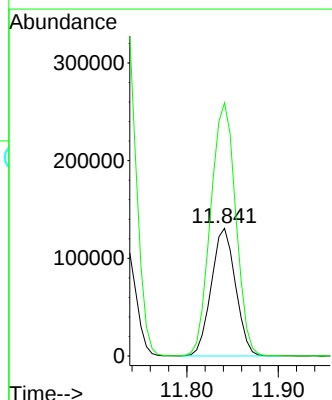
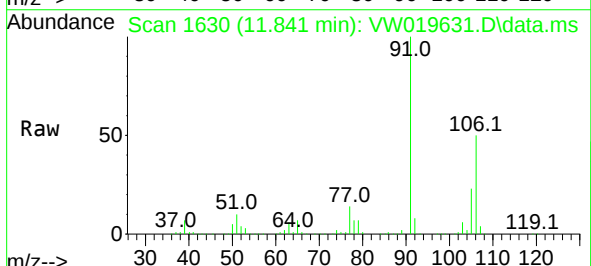
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

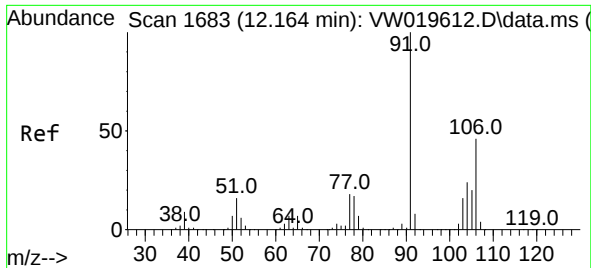
Tgt Ion: 91 Resp: 619910
Ion Ratio Lower Upper
91 100
106 31.2 22.5 41.7



#53
m,p-Xylene
Concen: 24.559 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 106 Resp: 241183
Ion Ratio Lower Upper
106 100
91 198.4 141.3 262.3

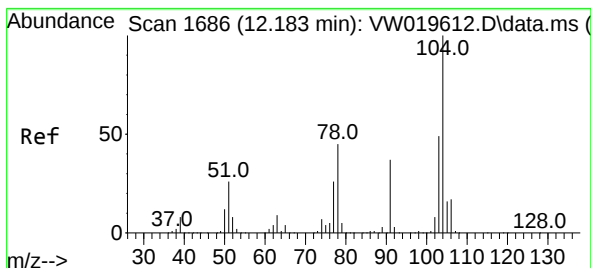
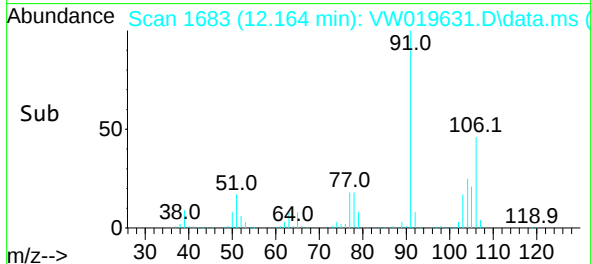
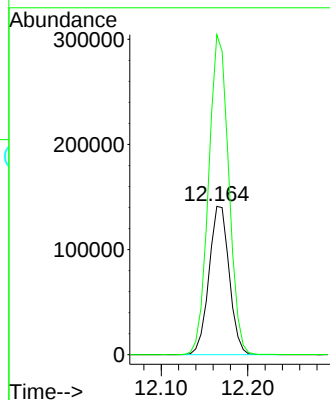
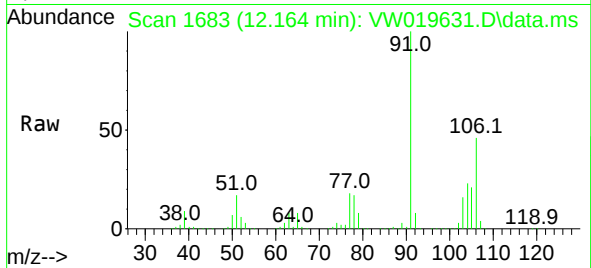




#54
o-Xylene
Concen: 24.651 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

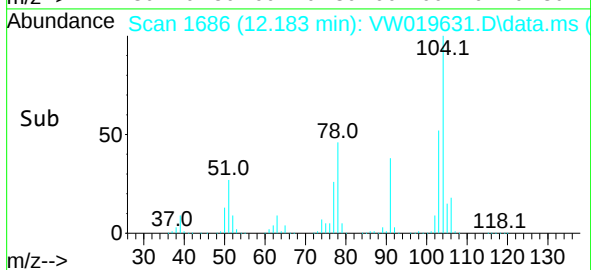
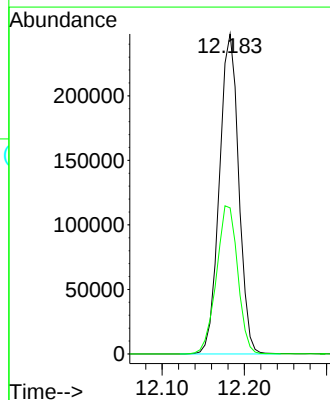
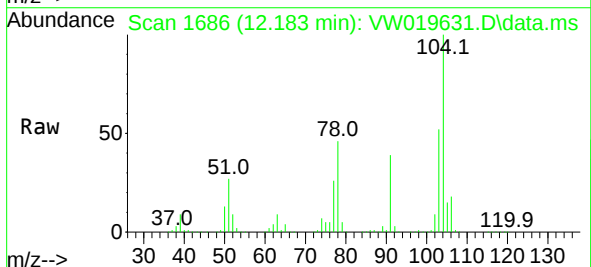
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

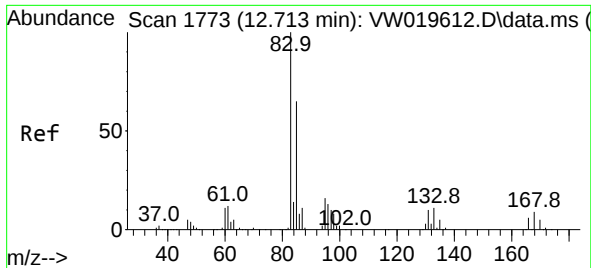
Tgt Ion:106 Resp: 228765
Ion Ratio Lower Upper
106 100
91 215.6 150.0 278.6



#55
Styrene
Concen: 25.152 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion:104 Resp: 404427
Ion Ratio Lower Upper
104 100
78 45.6 32.5 60.3

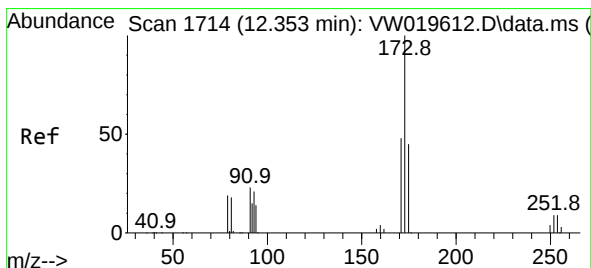
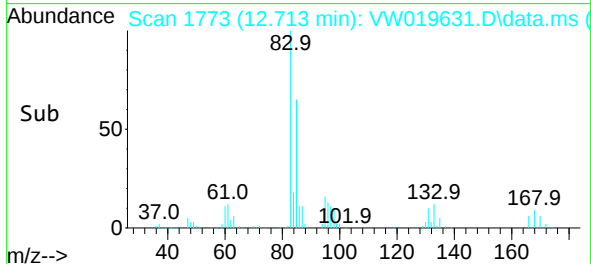
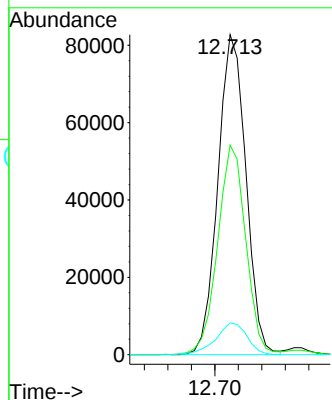
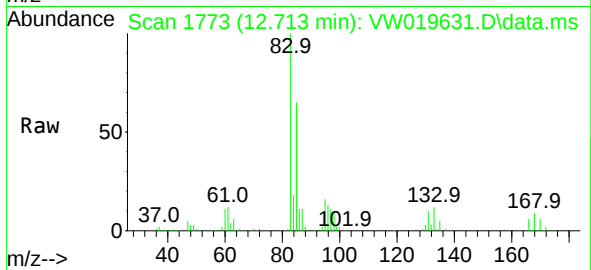




#57
1,1,2,2-Tetrachloroethane
Concen: 25.784 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

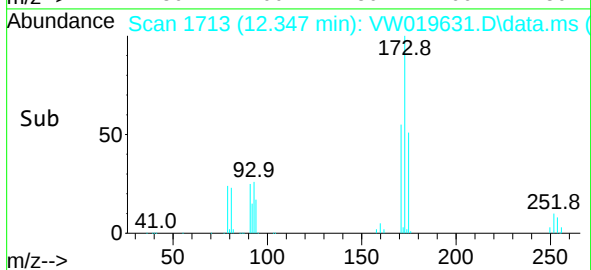
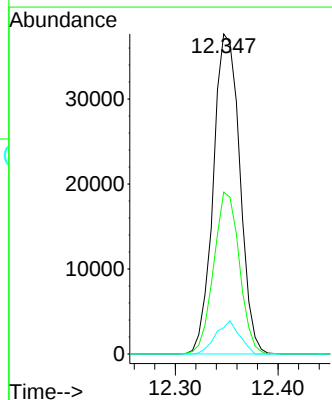
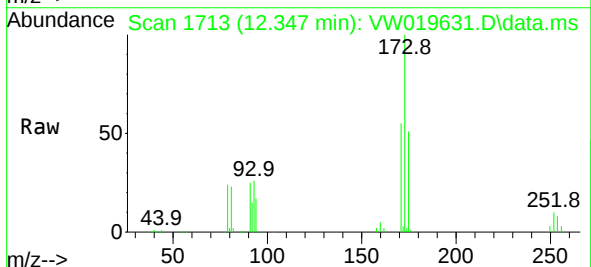
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

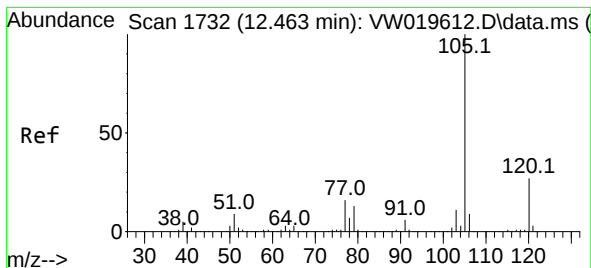
Tgt Ion: 83 Resp: 137114
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.4
131 9.9 8.2 12.4



#59
Bromoform
Concen: 24.696 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion:173 Resp: 67409
Ion Ratio Lower Upper
173 100
175 49.0 37.5 56.3
254 9.2 7.0 10.4

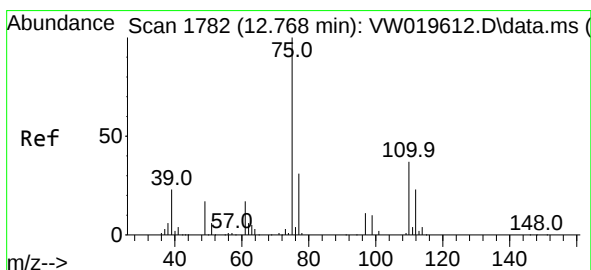
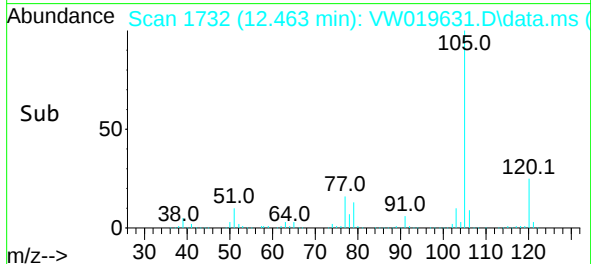
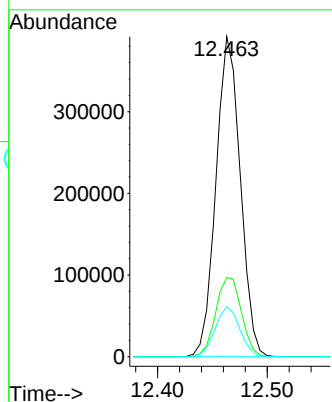
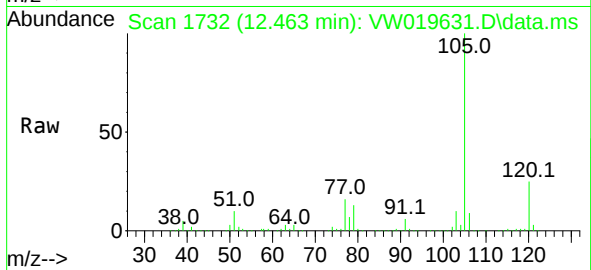




#60
Isopropylbenzene
Concen: 23.530 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

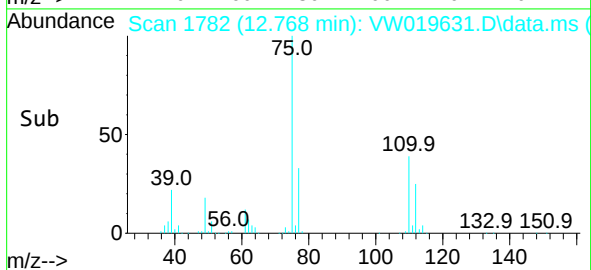
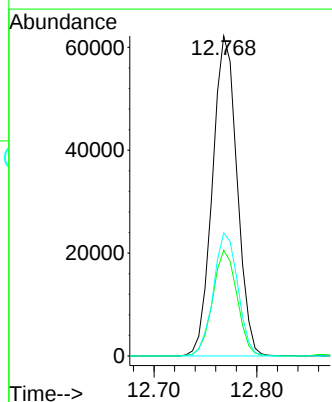
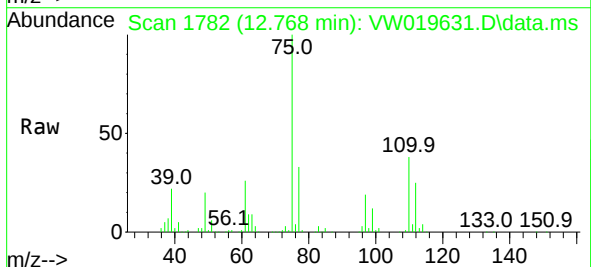
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

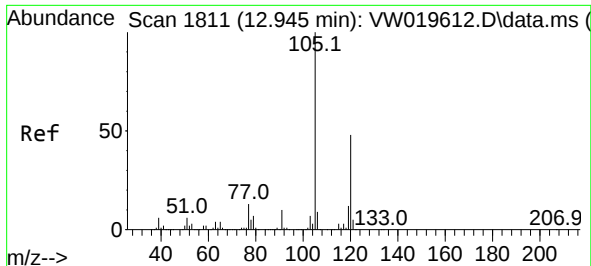
Tgt Ion:105 Resp: 604722
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.660 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion: 75 Resp: 103303
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
110 38.1 32.6 48.8

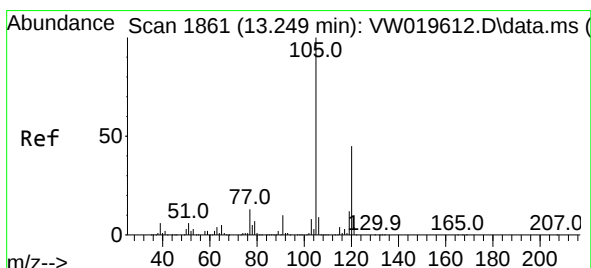
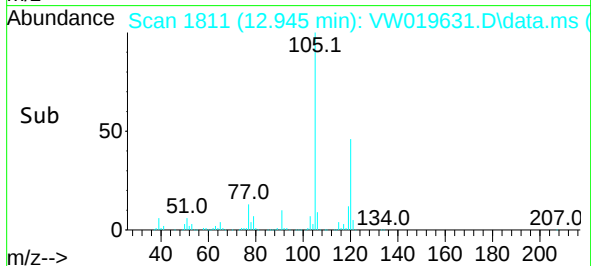
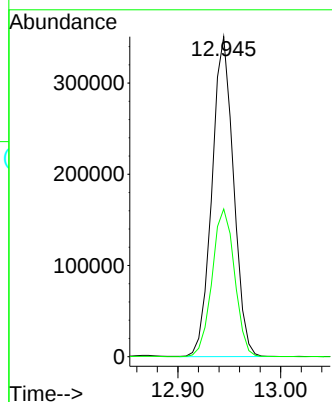
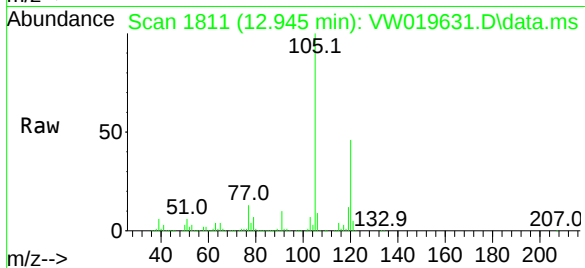




#62
1,3,5-Trimethylbenzene
Concen: 23.754 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

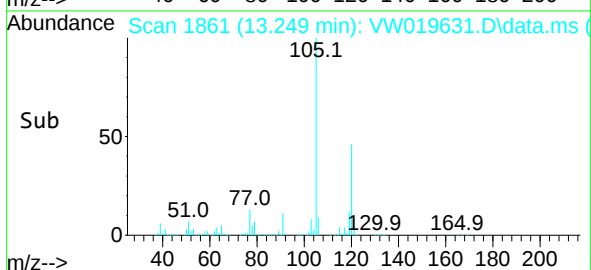
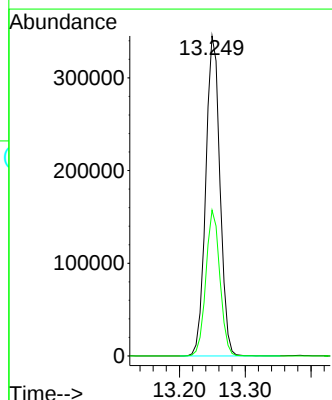
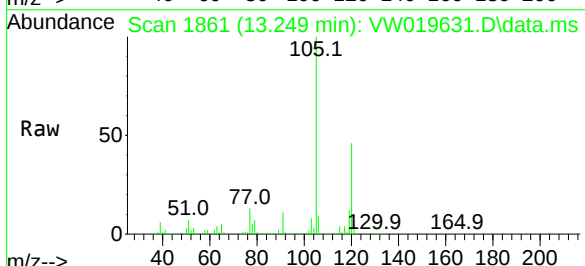
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

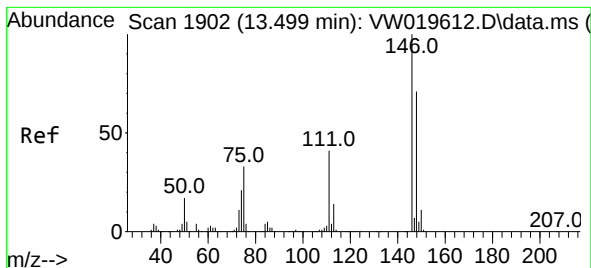
Tgt Ion:105 Resp: 511160
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 23.925 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion:105 Resp: 518751
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4

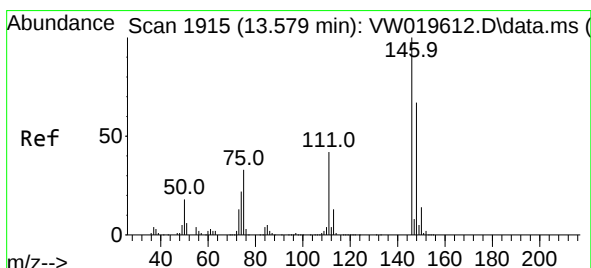
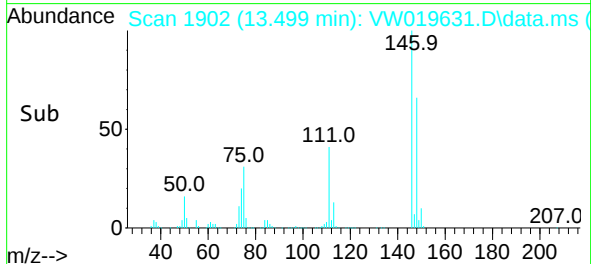
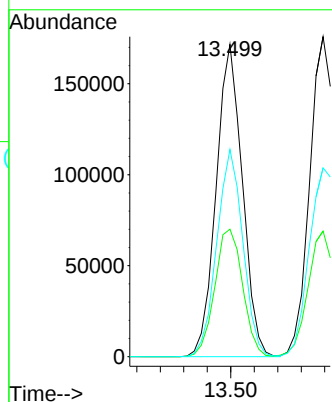
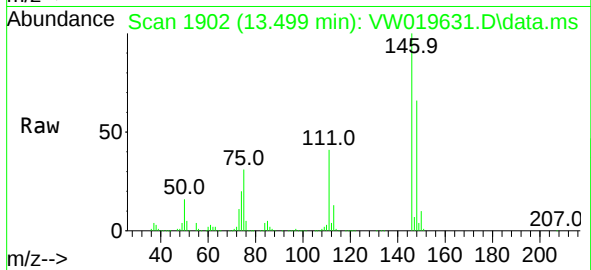




#64
1,3-Dichlorobenzene
Concen: 22.623 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

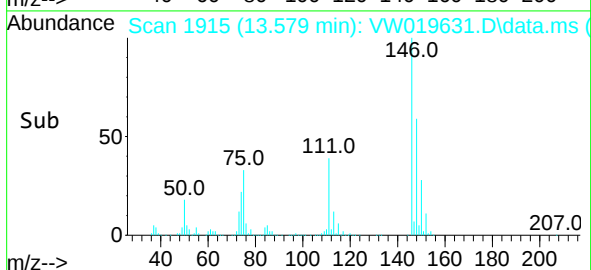
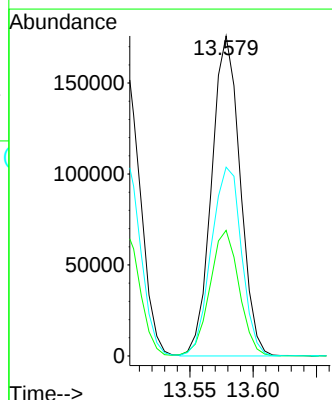
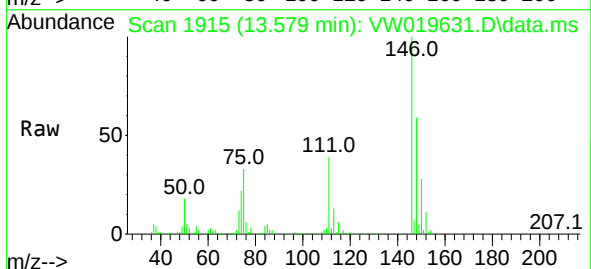
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

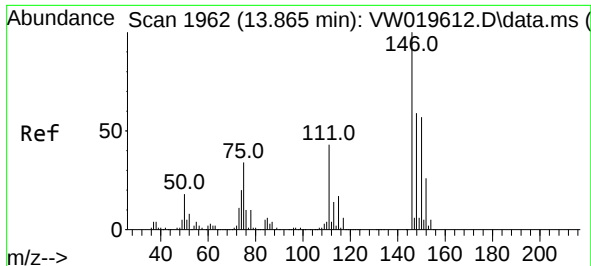
Tgt Ion:146 Resp: 266058
Ion Ratio Lower Upper
146 100
111 40.8 26.7 49.7
148 66.4 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 23.695 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion:146 Resp: 275354
Ion Ratio Lower Upper
146 100
111 39.3 28.8 53.4
148 59.0 46.8 87.0

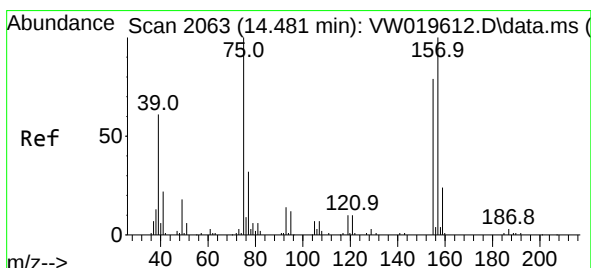
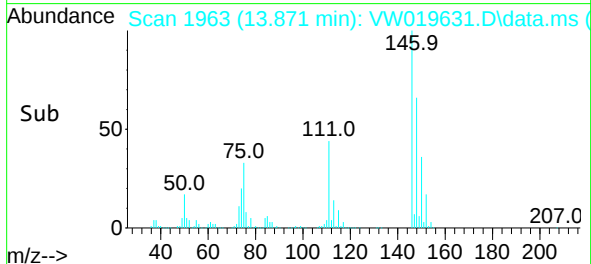
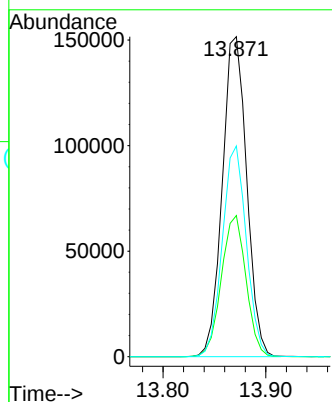
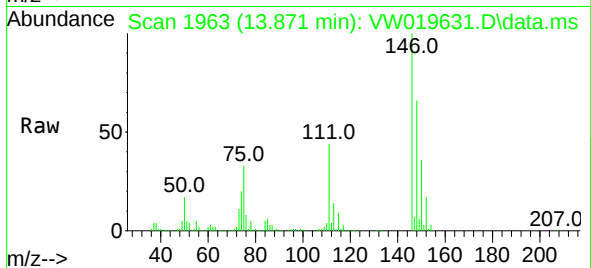




#67
1,2-Dichlorobenzene
Concen: 23.632 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

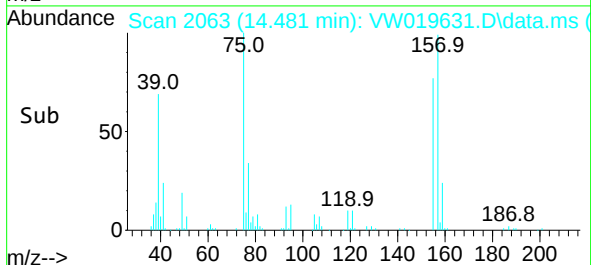
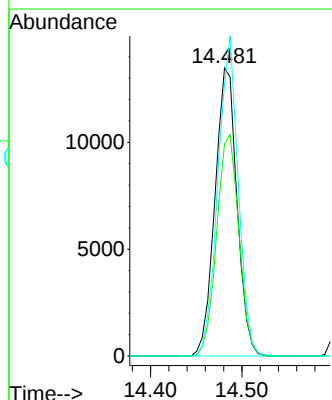
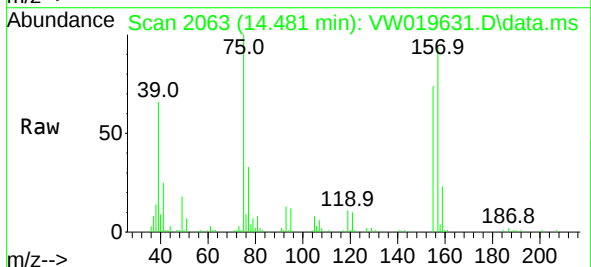
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

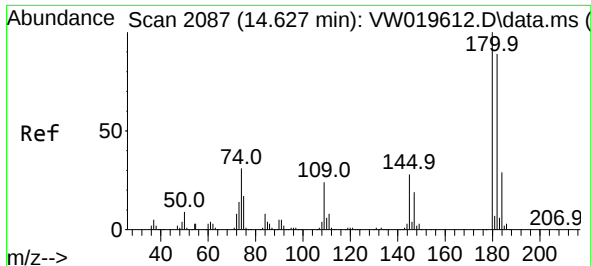
Tgt Ion:146 Resp: 250382
Ion Ratio Lower Upper
146 100
111 44.1 33.2 49.8
148 65.8 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.679 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

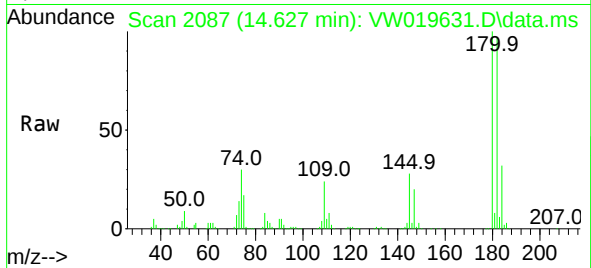
Tgt Ion: 75 Resp: 22560
Ion Ratio Lower Upper
75 100
155 73.6 59.4 89.0
157 94.3 72.2 108.2



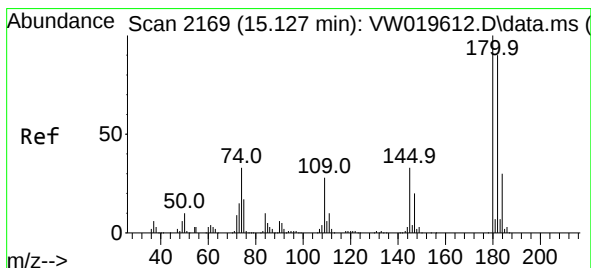
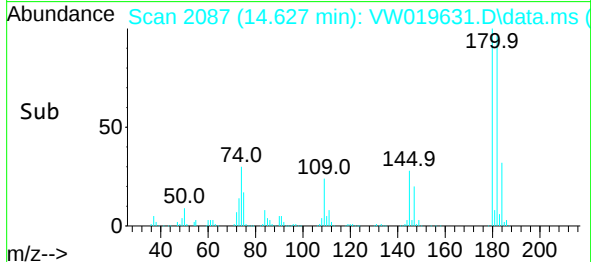
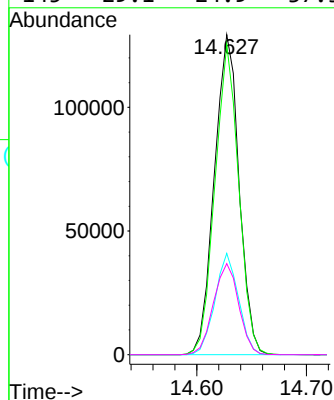


#69
1,3,5-Trichlorobenzene
Concen: 23.527 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

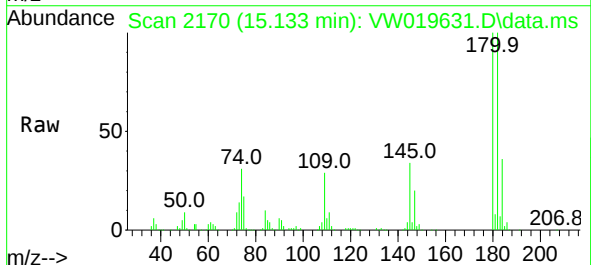
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500



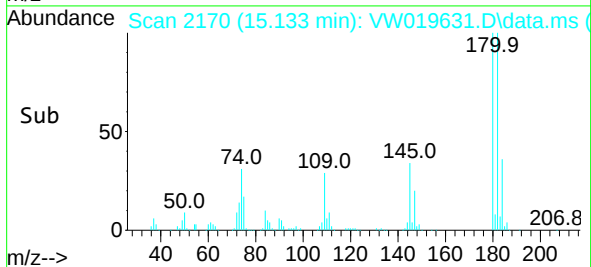
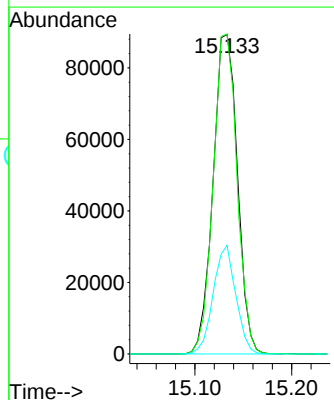
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	73.4	110.2
184	30.3	23.6	35.4
145	29.1	24.9	37.3

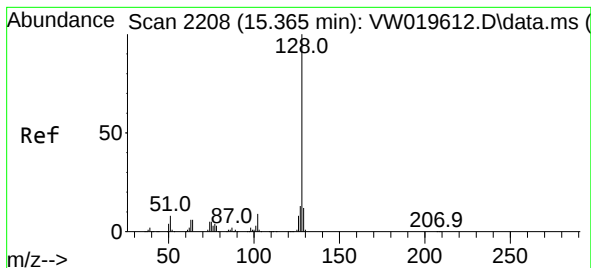


#70
1,2,4-trichlorobenzene
Concen: 21.748 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	74.7	112.1
145	31.5	25.0	37.4

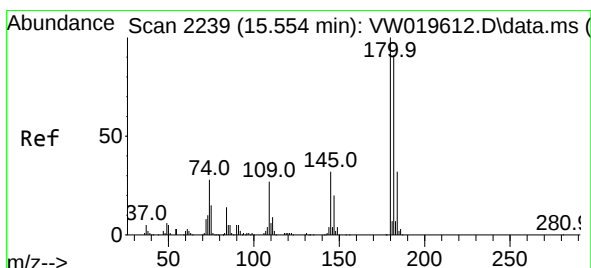
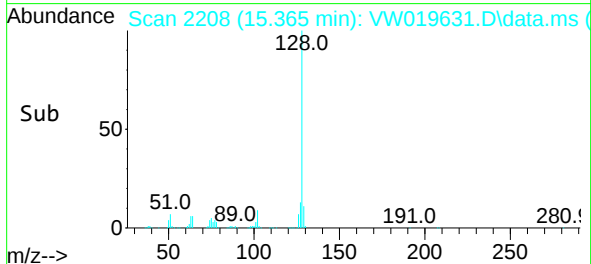
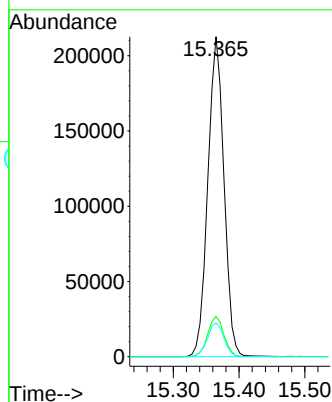
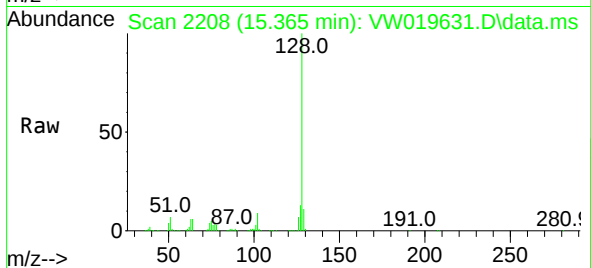




#71
Naphthalene
Concen: 25.041 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Tgt Ion:128 Resp: 363359
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.7 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 23.857 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019631.D
Acq: 27 Jul 2021 18:47

Tgt Ion:180 Resp: 153496
Ion Ratio Lower Upper
180 100
182 93.3 76.7 115.1
145 33.2 28.9 43.3

