

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061121\
 Data File : VW019190.D
 Acq On : 11 Jun 2021 09:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025111

Quant Time: Jun 12 00:17:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 11 01:12:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	520806	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	465048	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	231266	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	145968	21.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
7) Chloroethane-d5	2.897	69	135238	23.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	4.025	63	328427	24.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.000%
21) 2-Butanone-d5	7.092	46	63920	35.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.860%
24) Chloroform-d	7.653	84	328411	23.455	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.305	65	163804	20.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.440%
32) Benzene-d6	8.274	84	622949	23.511	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	9.274	67	186391	23.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.323	98	569382	23.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	10.579	79	73792	21.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.840%
47) 2-Hexanone-d5	10.926	63	52376	38.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.900%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	136729	20.635	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	179870	22.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	181245	26.862	ug/L	95
3) Chloromethane	2.221	50	168920	27.078	ug/L	99
5) Vinyl chloride	2.367	62	262240	27.539	ug/L	97
6) Bromomethane	2.794	94	167325	23.631	ug/L	99
8) Chloroethane	2.934	64	154835	27.350	ug/L	100
9) Trichlorofluoromethane	3.269	101	160783	30.764	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	201092	26.900	ug/L	98
12) 1,1-Dichloroethene	4.044	96	200692	27.176	ug/L	96
13) Acetone	4.147	43	76521	47.870	ug/L	87
14) Carbon disulfide	4.391	76	628331	26.918	ug/L	99
15) Methyl Acetate	4.684	43	59254	18.429	ug/L	96
16) Methylene chloride	4.921	84	203386	21.046	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	208426	26.196	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	233599	22.712	ug/L	98
19) 1,1-Dichloroethane	6.220	63	372755	26.394	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	208785	25.203	ug/L	95
22) 2-Butanone	7.183	43	92651	43.349	ug/L	98
23) Bromochloromethane	7.519	128	86130	23.634	ug/L	95
25) Chloroform	7.677	83	372987	25.895	ug/L	98

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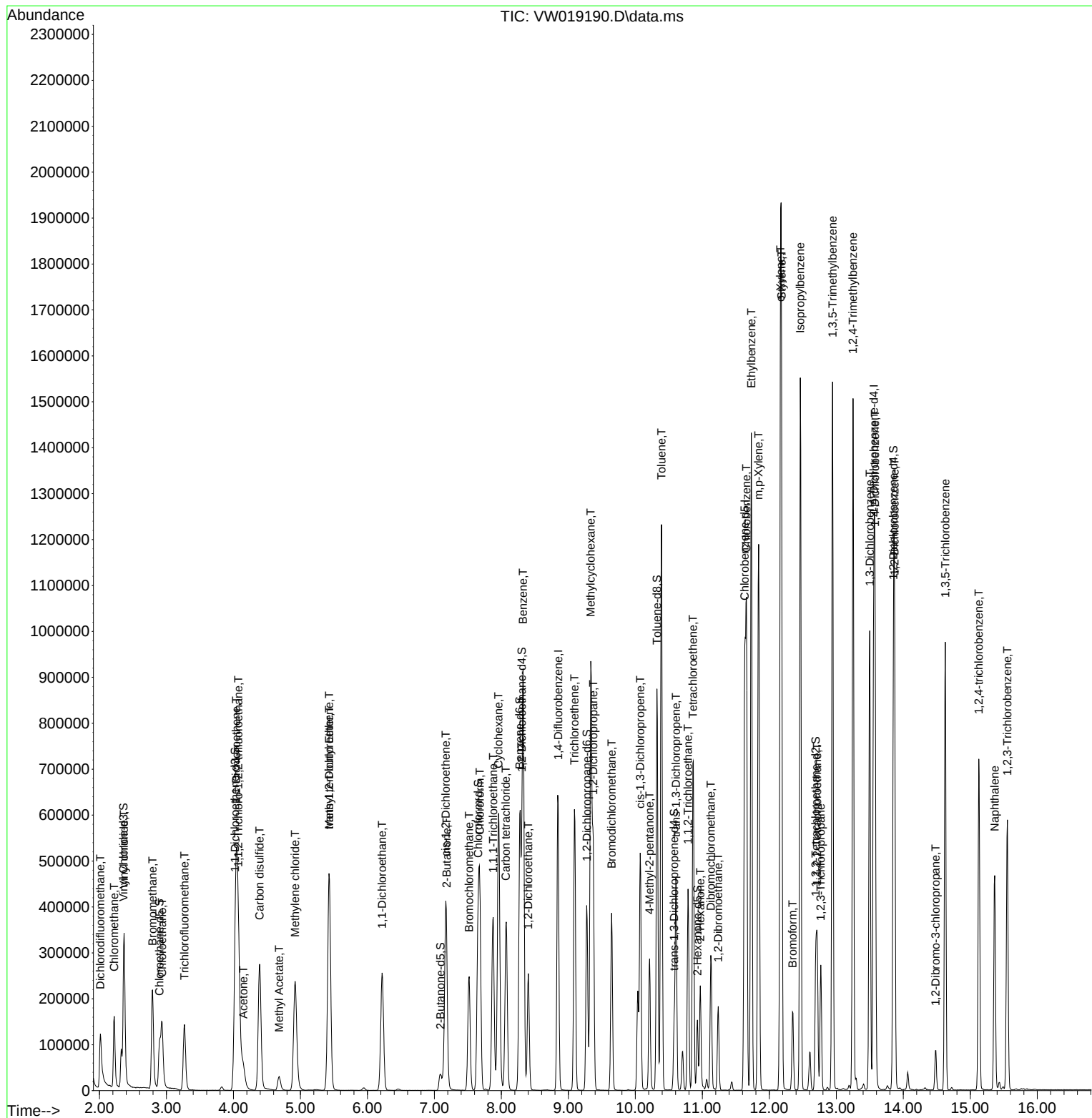
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	227147	23.288	ug/L	100
29) Cyclohexane	7.957	56	340721	28.156	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	300734	28.104	ug/L	99
31) Carbon tetrachloride	8.067	117	278793	28.217	ug/L	100
33) Benzene	8.323	78	826867	27.032	ug/L	100
34) Trichloroethene	9.091	95	217462	27.272	ug/L	95
35) Methylcyclohexane	9.335	83	383742	27.966	ug/L	98
37) 1,2-Dichloropropane	9.372	63	199285	26.522	ug/L	98
38) Bromodichloromethane	9.646	83	255623	26.228	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	298941	25.677	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	176516	39.446	ug/L	95
42) Toluene	10.390	91	900120	27.351	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	252437	24.564	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	130960	23.148	ug/L	97
46) Tetrachloroethene	10.859	164	157139	25.781	ug/L	96
48) 2-Hexanone	10.969	43	133305	44.314	ug/L	95
49) Dibromochloromethane	11.128	129	154476	24.636	ug/L	100
50) 1,2-Dibromoethane	11.237	107	119365	21.778	ug/L	96
51) Chlorobenzene	11.658	112	519161	25.557	ug/L	95
52) Ethylbenzene	11.731	91	991868	27.398	ug/L	98
53) m,p-Xylene	11.841	106	358647	26.864	ug/L	95
54) o-Xylene	12.164	106	341626	26.863	ug/L	95
55) Styrene	12.182	104	582235	26.622	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	151293	21.700	ug/L	99
59) Bromoform	12.347	173	75867	21.294	ug/L	96
60) Isopropylbenzene	12.463	105	970254	28.023	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	111437	21.538	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	778830	27.388	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	785752	27.680	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	399782	26.456	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	396709	25.674	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	346174	25.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22469	19.839	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	286736	26.263	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	222023	24.778	ug/L	97
71) Naphthalene	15.365	128	389730	21.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	190259	23.964	ug/L	98

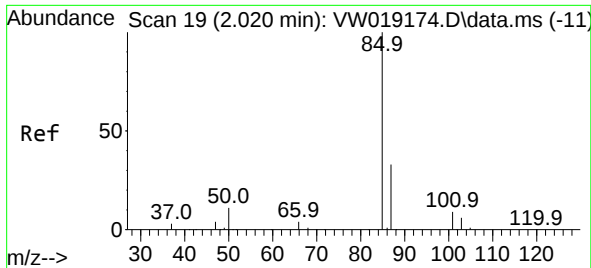
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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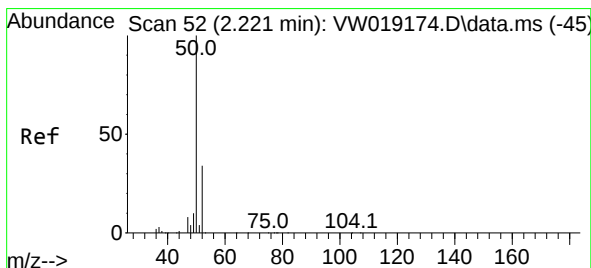
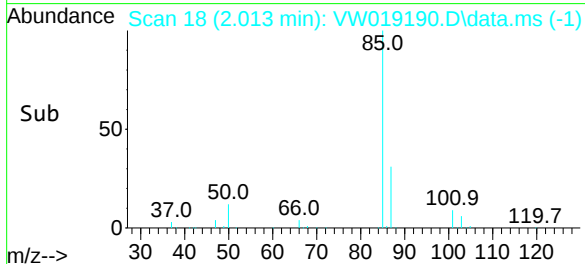
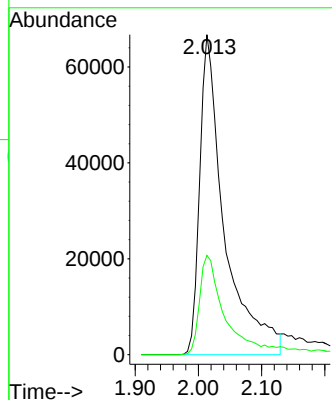
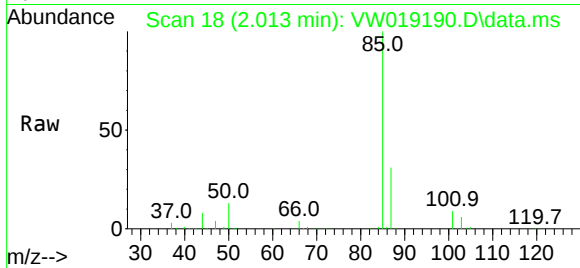




#2
Dichlorodifluoromethane
Concen: 26.862 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.006 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

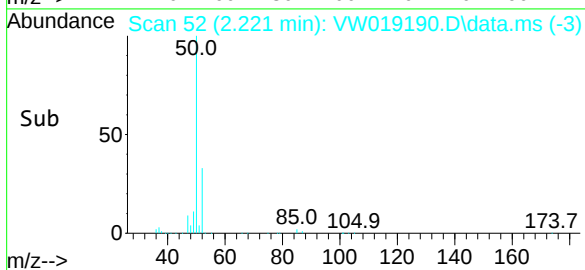
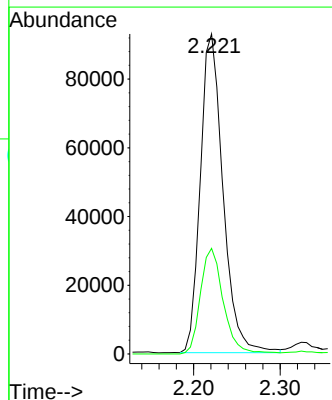
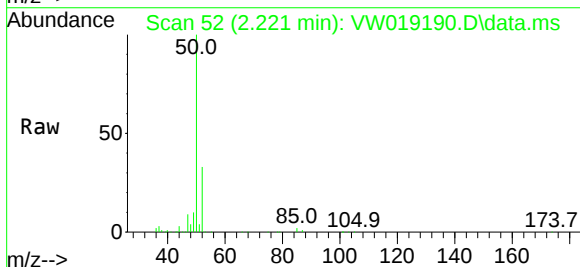
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MSVOA_W
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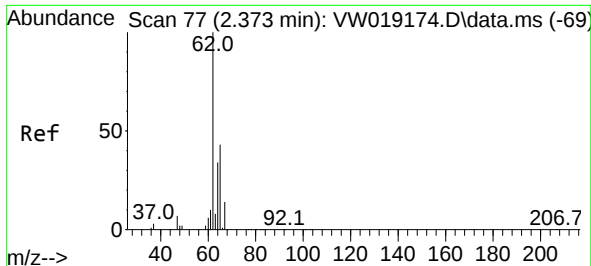
Tgt Ion: 85 Resp: 181245
Ion Ratio Lower Upper
85 100
87 31.6 23.3 34.9



#3
Chloromethane
Concen: 27.078 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 50 Resp: 168920
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.9

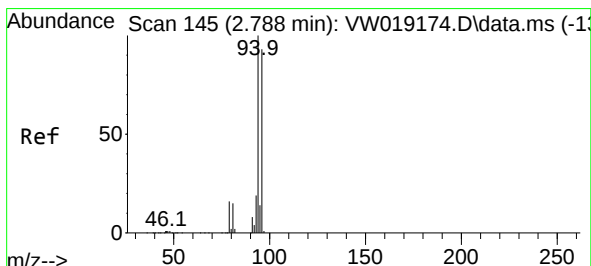
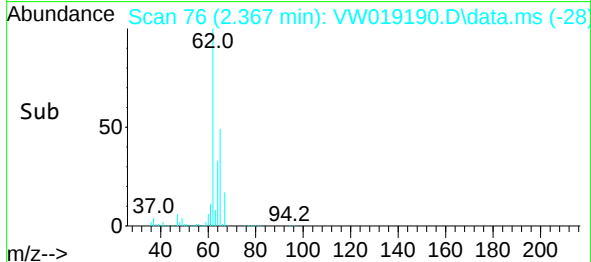
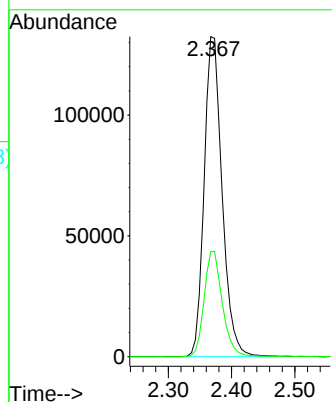
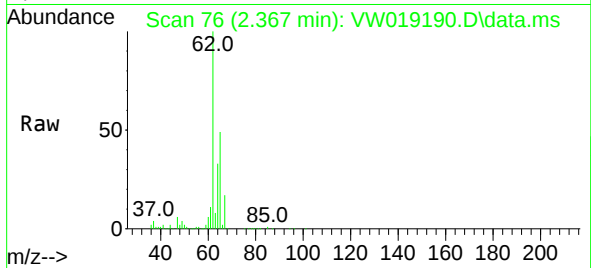




#5
 Vinyl chloride
 Concen: 27.539 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW019190.D
 Acq: 11 Jun 2021 09:23

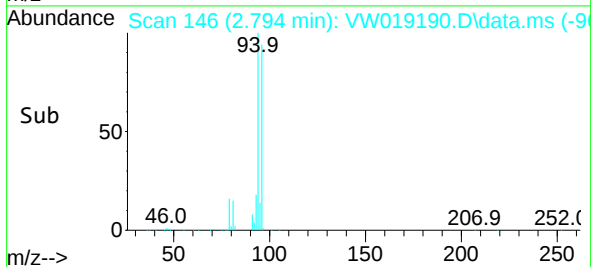
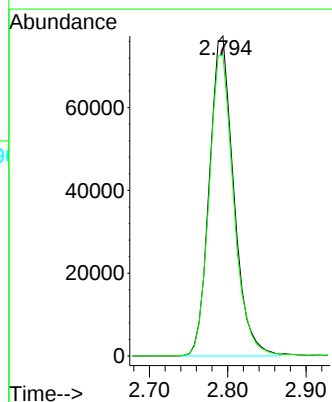
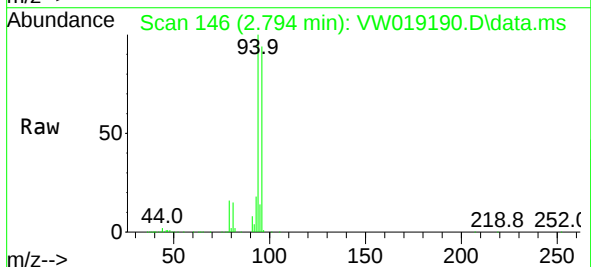
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 ClientSampleId :
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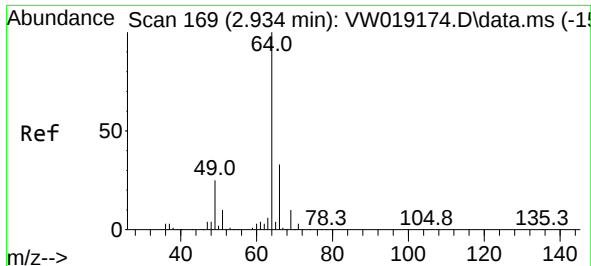
Tgt Ion: 62 Resp: 262240
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.2 45.0



#6
 Bromomethane
 Concen: 23.631 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. 0.006 min
 Lab File: VW019190.D
 Acq: 11 Jun 2021 09:23

Tgt Ion: 94 Resp: 167325
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.3 121.3

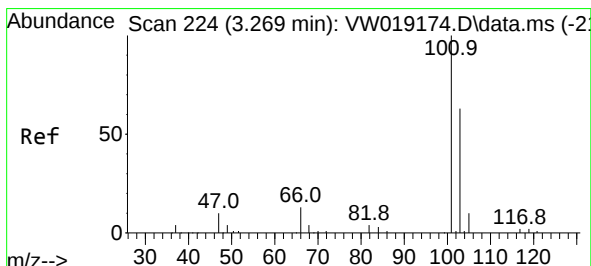
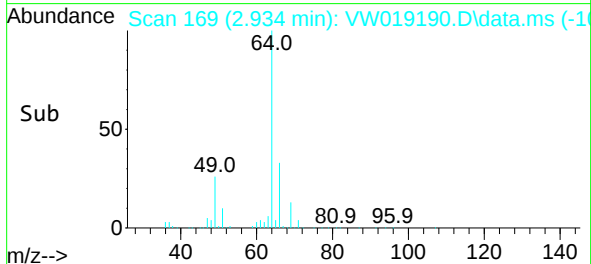
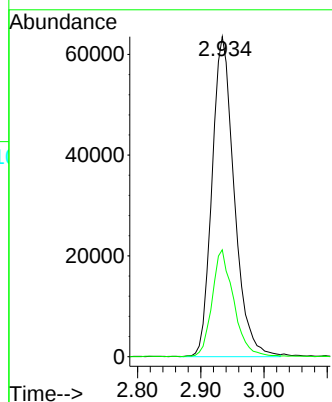
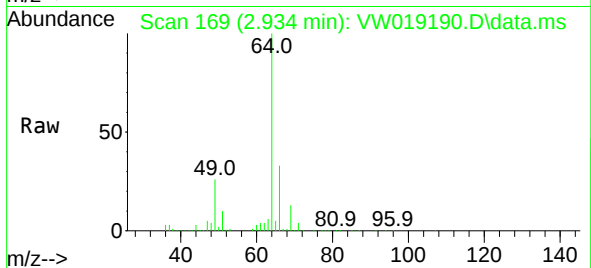




#8
Chloroethane
Concen: 27.350 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

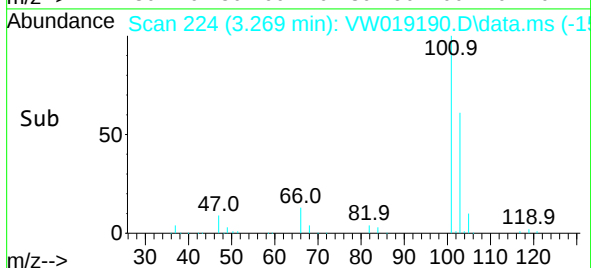
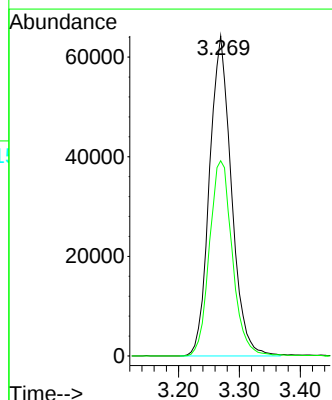
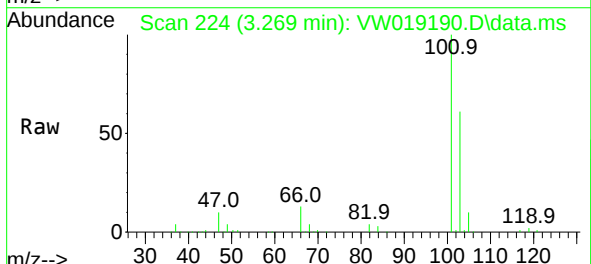
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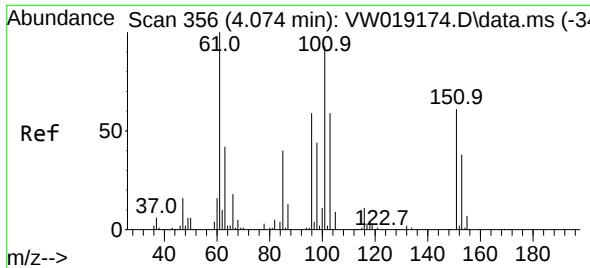
Tgt Ion: 64 Resp: 154835
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 30.764 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion:101 Resp: 160783
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4

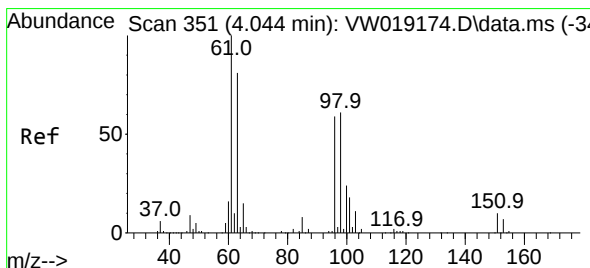
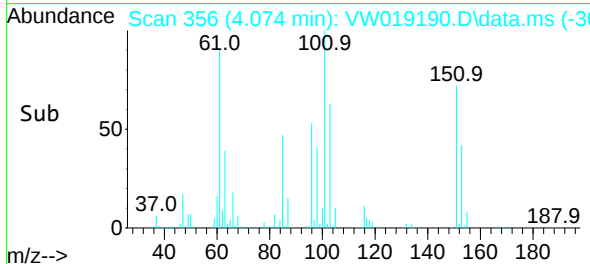
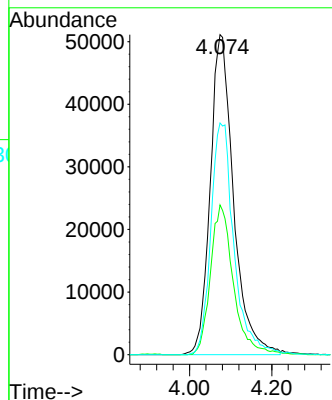
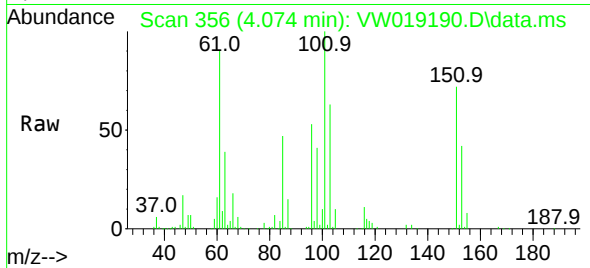




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.900 ug/L
RT: 4.074 min Scan# 356
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

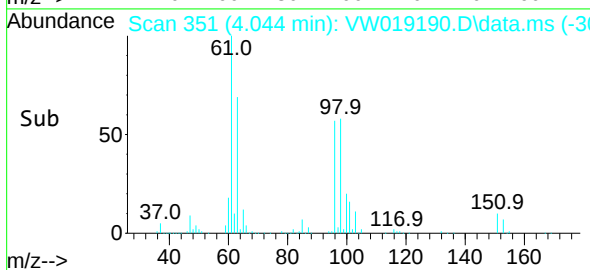
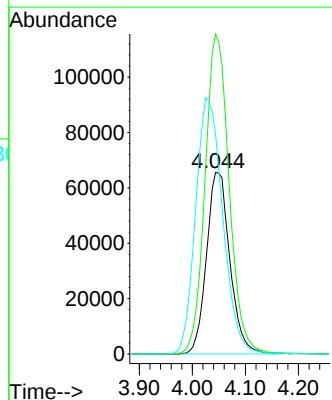
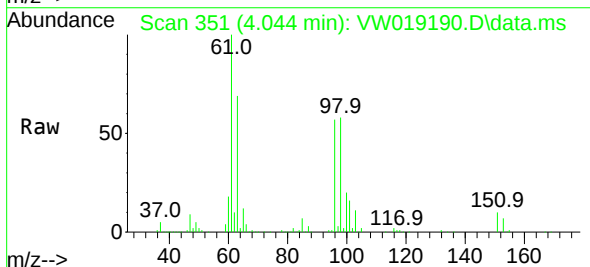
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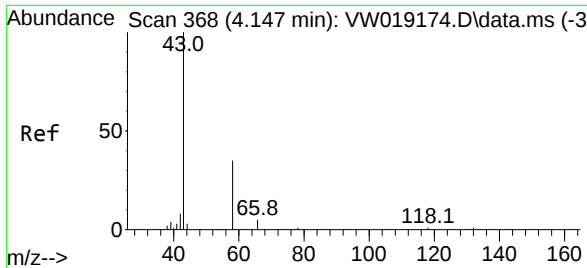
Tgt Ion:101 Resp: 201092
Ion Ratio Lower Upper
101 100
85 45.5 38.2 57.2
151 71.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 27.176 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 96 Resp: 200692
Ion Ratio Lower Upper
96 100
61 176.3 118.1 219.3
63 121.2 83.7 155.5

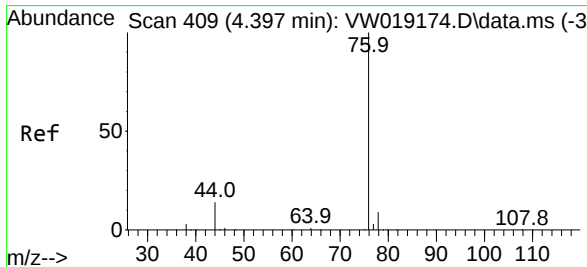
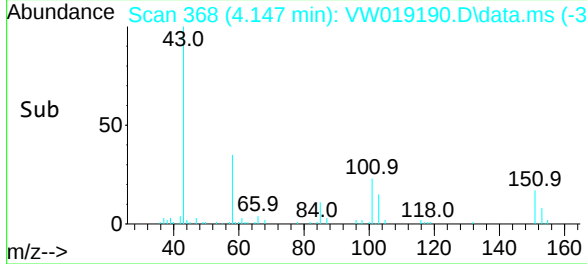
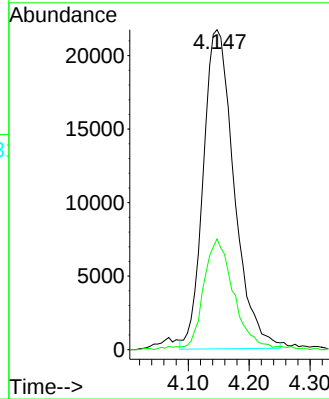
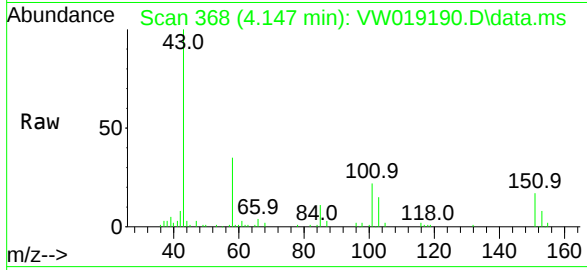




#13
Acetone
Concen: 47.870 ug/L
RT: 4.147 min Scan# 368
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

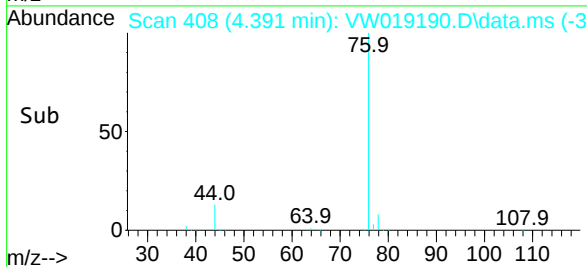
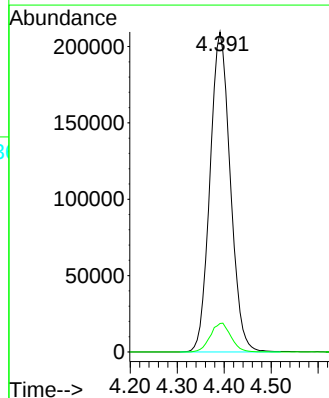
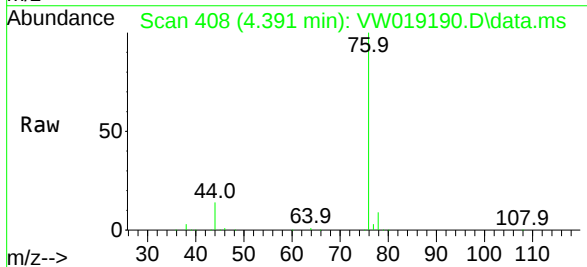
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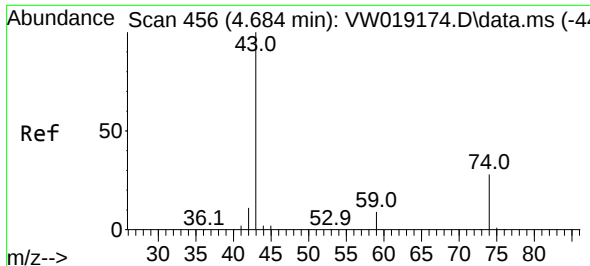
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Ion Ratio Lower Upper
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58 33.4 0.0 53.8



#14
Carbon disulfide
Concen: 26.918 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 76 Resp: 628331
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

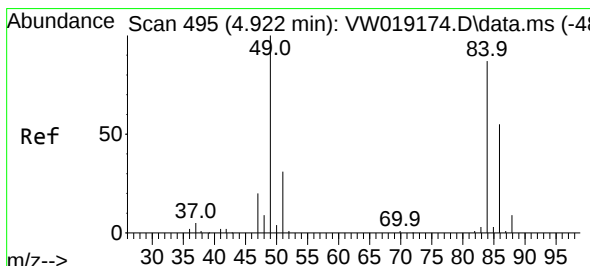
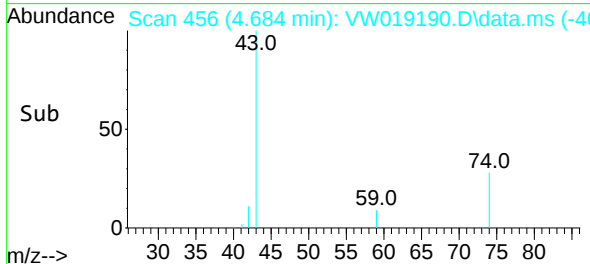
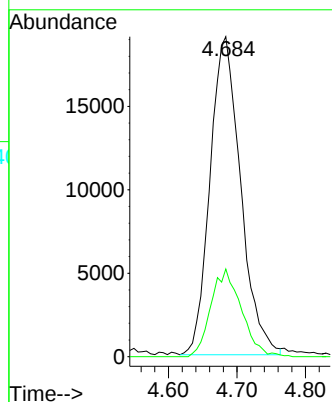
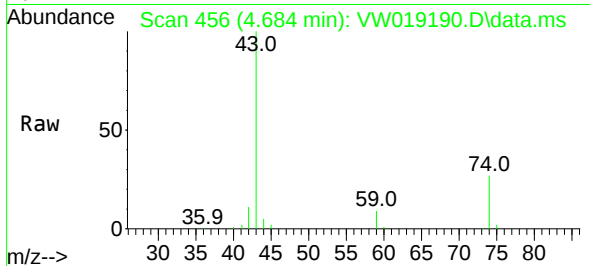




#15
Methyl Acetate
Concen: 18.429 ug/L
RT: 4.684 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

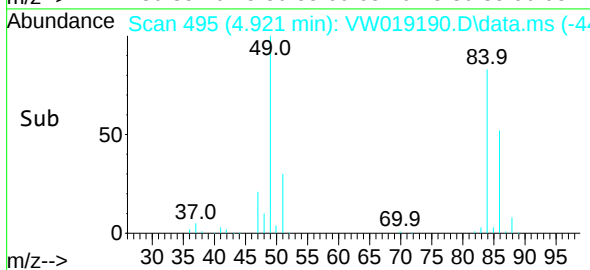
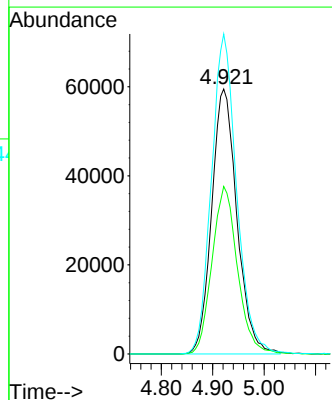
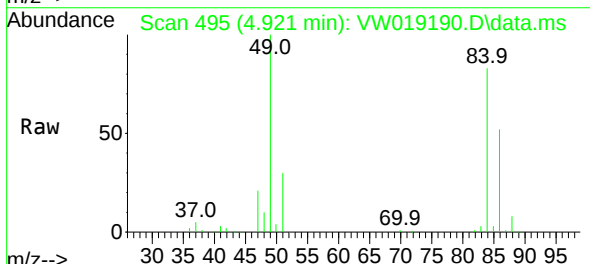
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

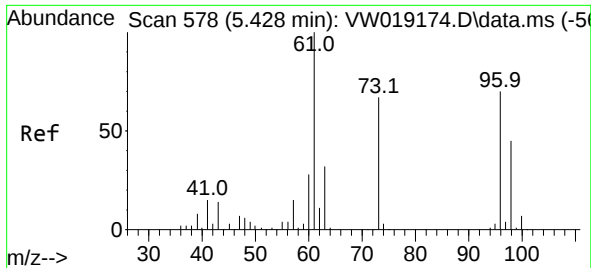
Tgt Ion: 43 Resp: 59254
Ion Ratio Lower Upper
43 100
74 27.0 20.0 30.0



#16
Methylene chloride
Concen: 21.046 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 84 Resp: 203386
Ion Ratio Lower Upper
84 100
86 63.2 45.3 84.1
49 120.8 86.6 160.8



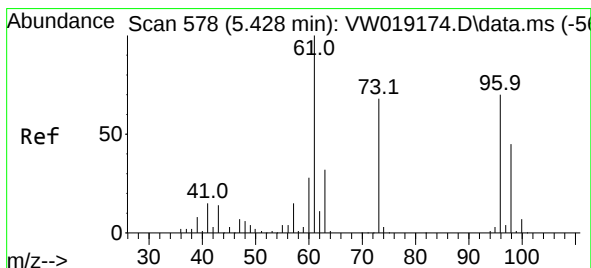
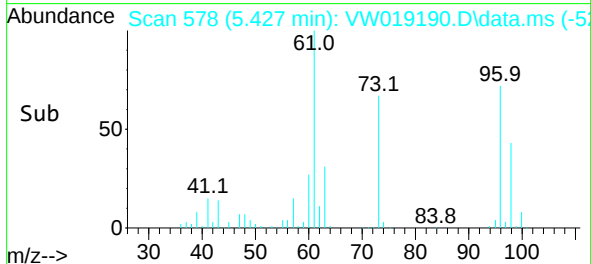
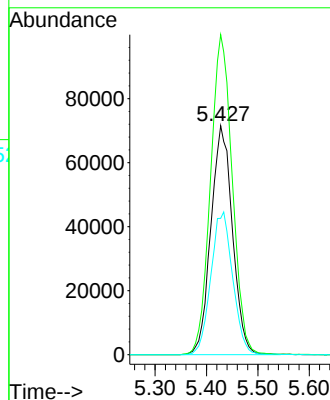
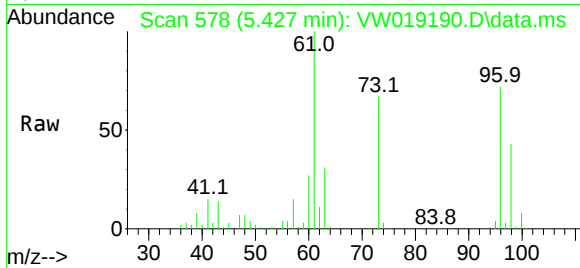


#17
trans-1,2-Dichloroethene
Concen: 26.196 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

Tgt Ion: 96 Resp: 208426

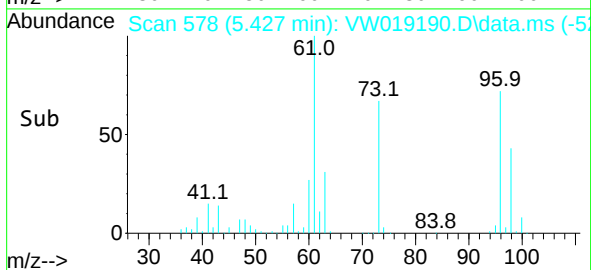
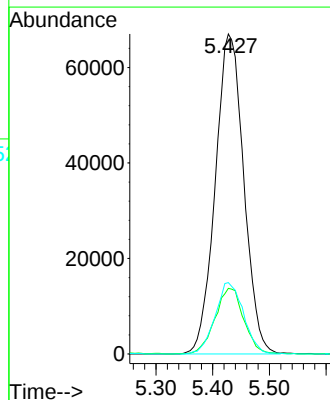
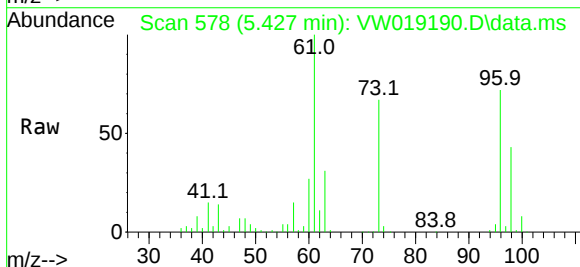
Ion	Ratio	Lower	Upper
96	100		
61	139.8	98.3	182.7
98	59.6	46.1	85.7

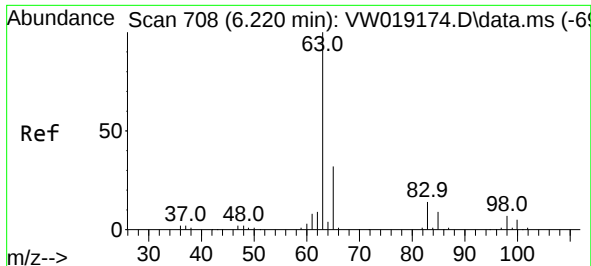


#18
Methyl tert-butyl Ether
Concen: 22.712 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 73 Resp: 233599

Ion	Ratio	Lower	Upper
73	100		
43	20.7	17.7	26.5
57	22.2	17.0	25.4





#19

1,1-Dichloroethane

Concen: 26.394 ug/L

RT: 6.220 min Scan# 708

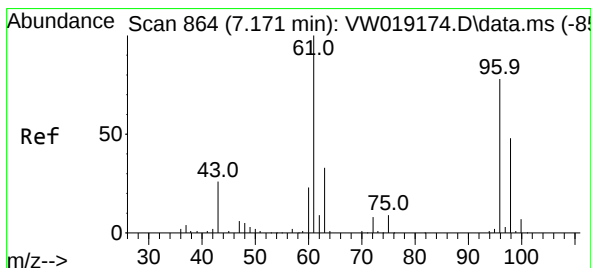
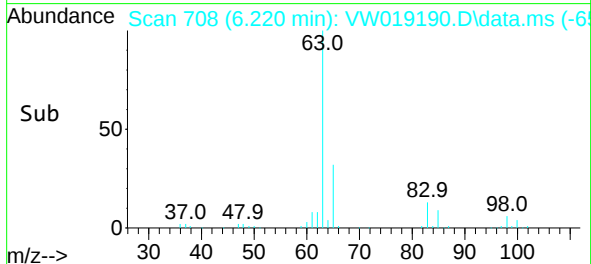
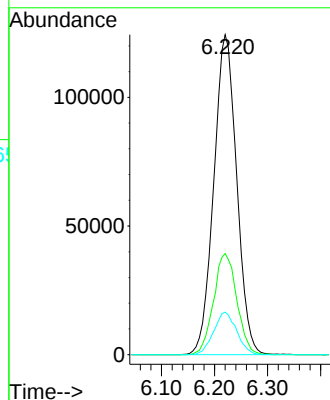
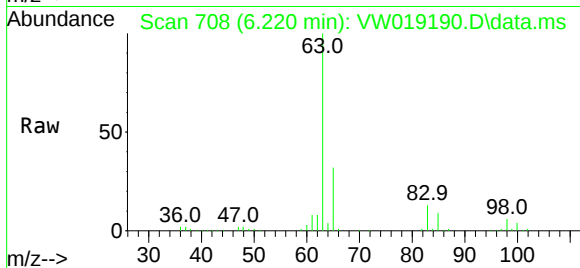
Delta R.T. -0.000 min

Lab File: VW019190.D

Acq: 11 Jun 2021 09:23

Tgt Ion: 63 Resp: 372755

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.9	42.5
83	13.3	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 25.203 ug/L

RT: 7.171 min Scan# 864

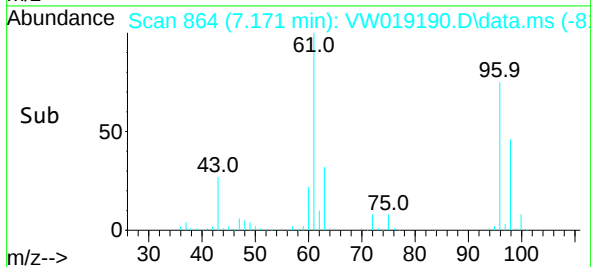
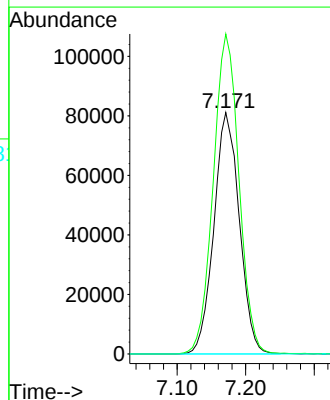
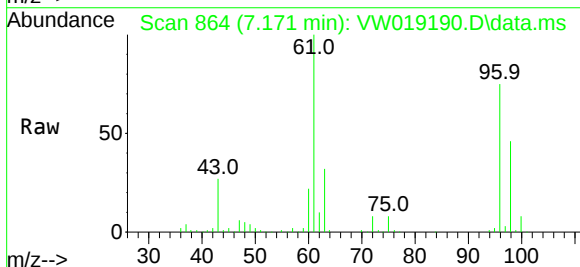
Delta R.T. -0.000 min

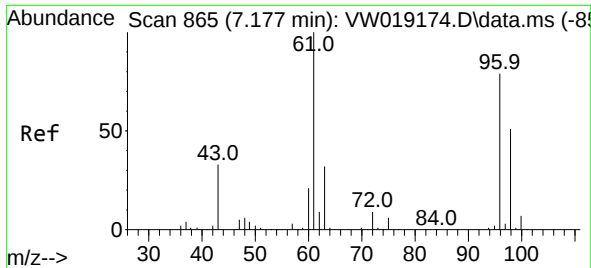
Lab File: VW019190.D

Acq: 11 Jun 2021 09:23

Tgt Ion: 96 Resp: 208785

Ion	Ratio	Lower	Upper
96	100		
61	132.6	88.5	164.3
68	0.0	0.0	0.0

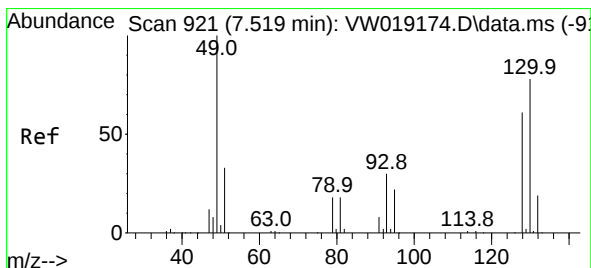
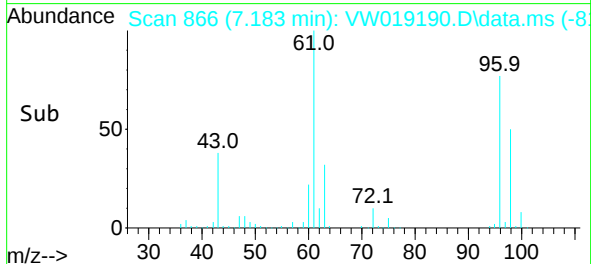
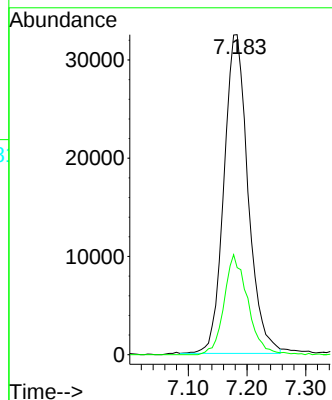
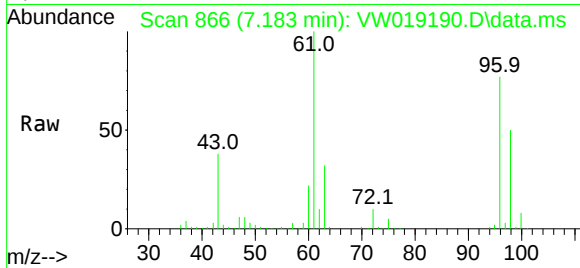




#22
2-Butanone
Concen: 43.349 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

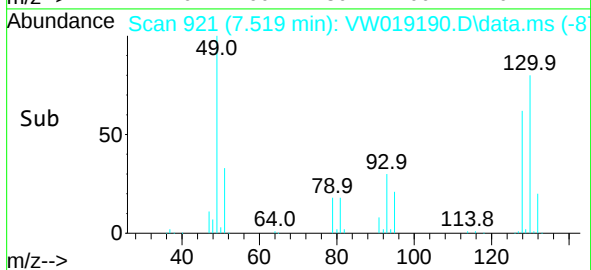
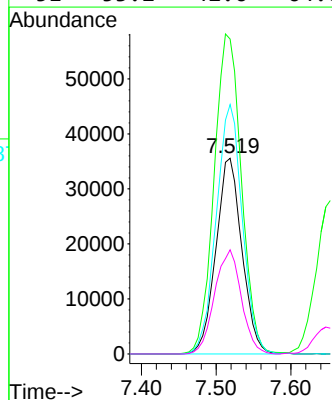
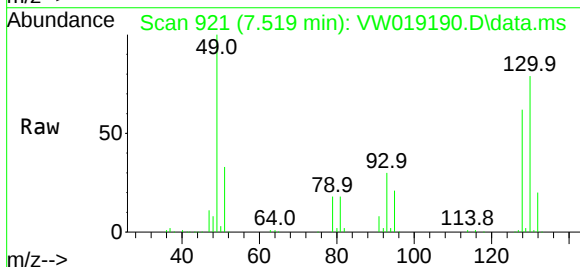
Instrument :
MSVOA_W
ClientSampled :
VSTD025111

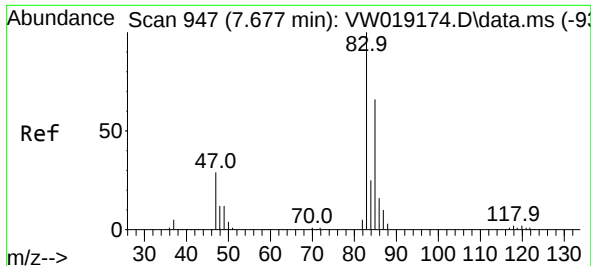
Tgt Ion: 43 Resp: 92651
Ion Ratio Lower Upper
43 100
72 30.7 14.9 44.7



#23
Bromochloromethane
Concen: 23.634 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 128 Resp: 86130
Ion Ratio Lower Upper
128 100
49 160.9 116.3 215.9
130 127.4 82.4 153.0
51 53.2 42.6 64.0

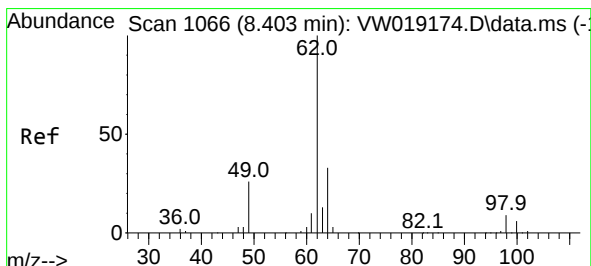
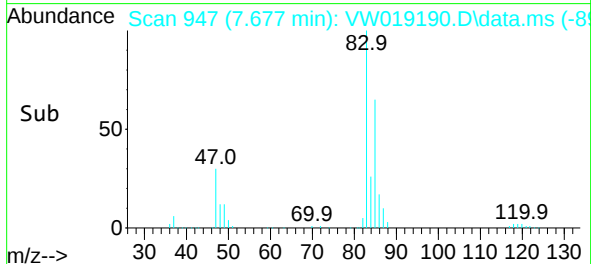
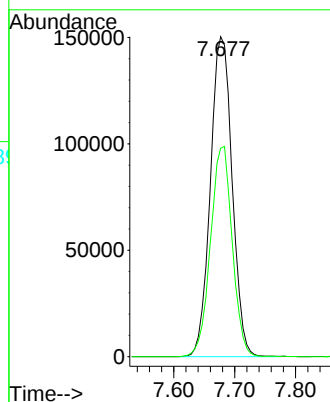
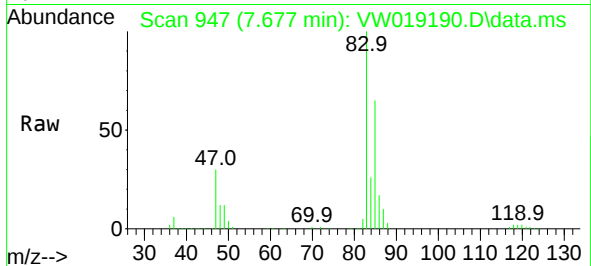




#25
Chloroform
Concen: 25.895 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

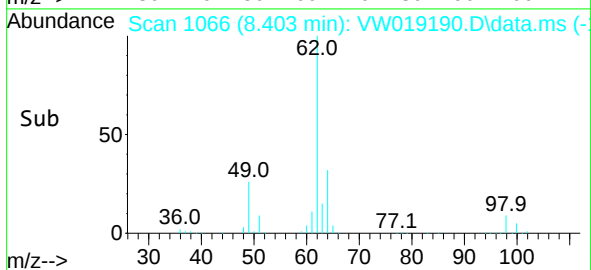
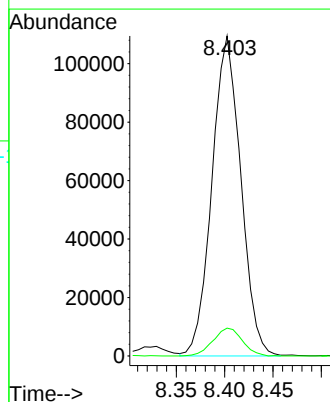
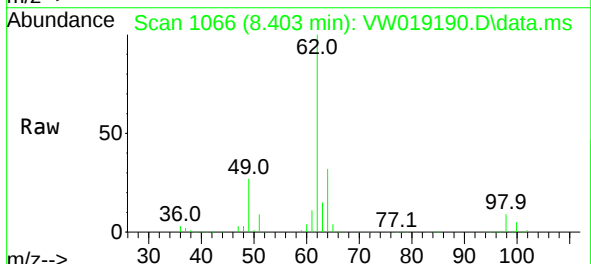
Instrument :
MSVOA_W
ClientSampled :
VSTD025111

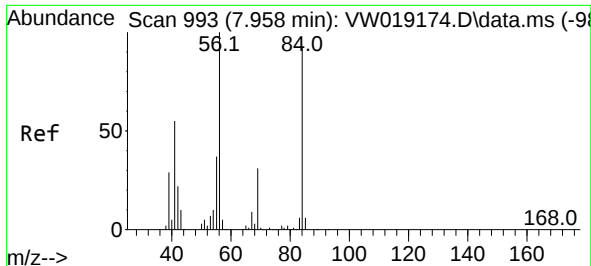
Tgt Ion: 83 Resp: 372987
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.288 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

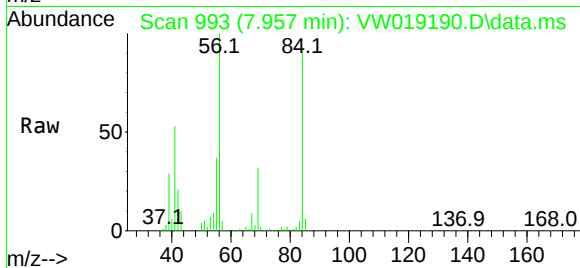
Tgt Ion: 62 Resp: 227147
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3



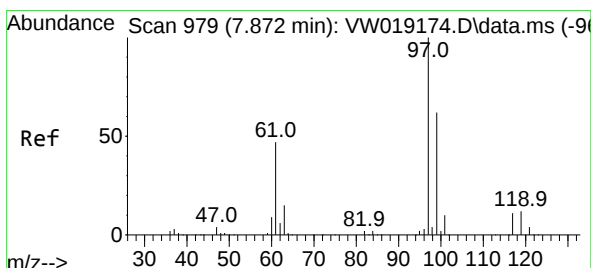
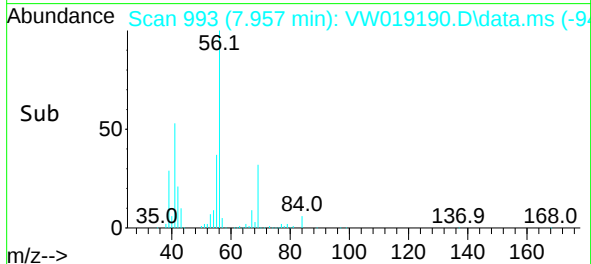
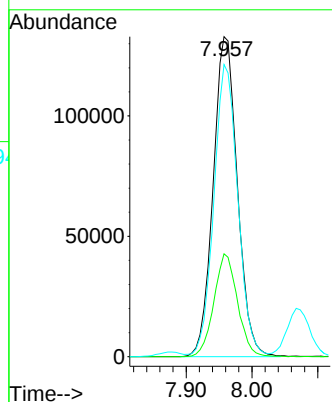


#29
Cyclohexane
Concen: 28.156 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

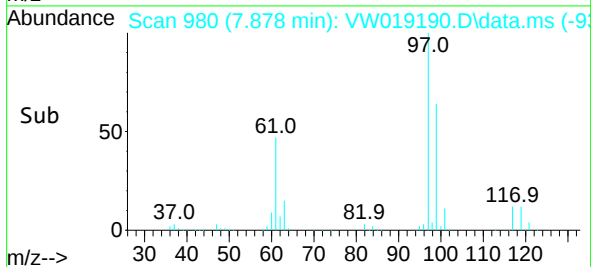
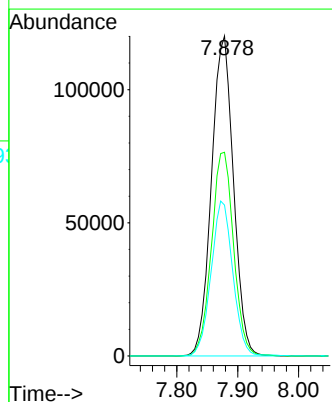
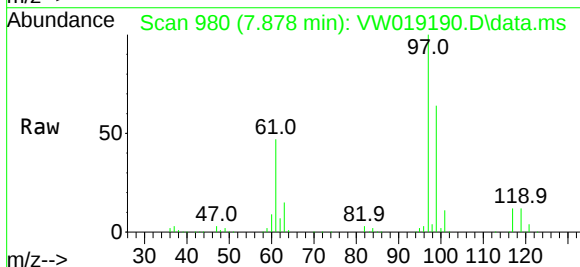


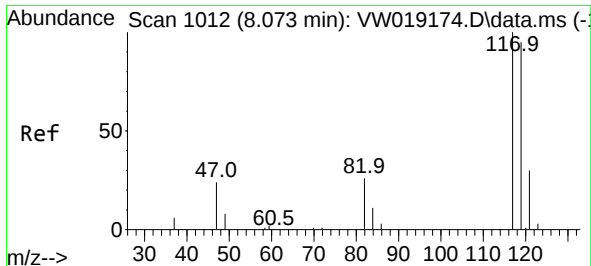
Tgt Ion:	56	69	84	Resp:	340721
Ion Ratio	100	31.3	90.3	Lower	Upper
		24.5	75.0		112.4



#30
1,1,1-Trichloroethane
Concen: 28.104 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion:	97	99	61	Resp:	300734
Ion Ratio	100	64.1	47.8	Lower	Upper
		51.4	37.8		77.2

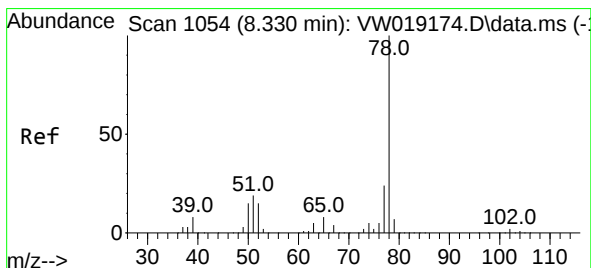
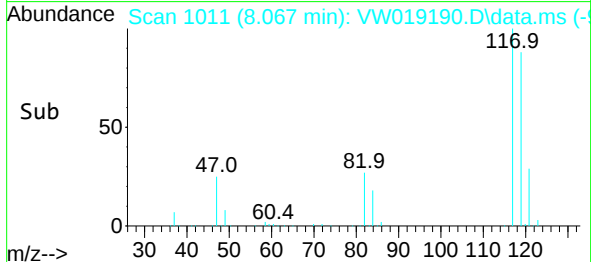
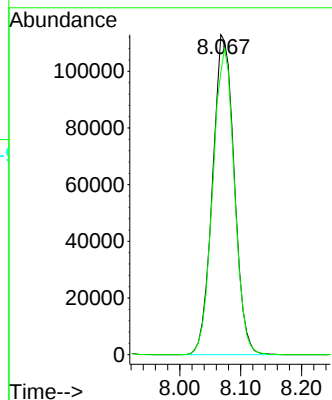
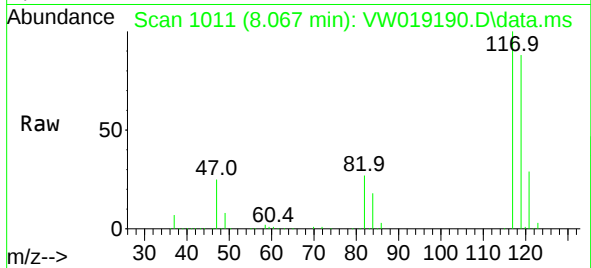




#31
Carbon tetrachloride
Concen: 28.217 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

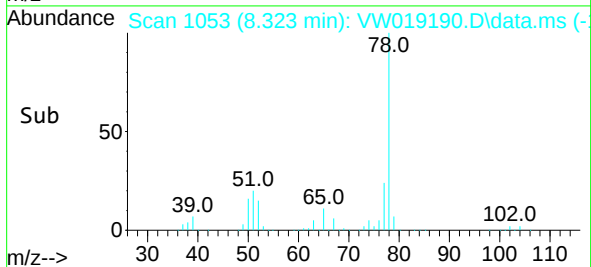
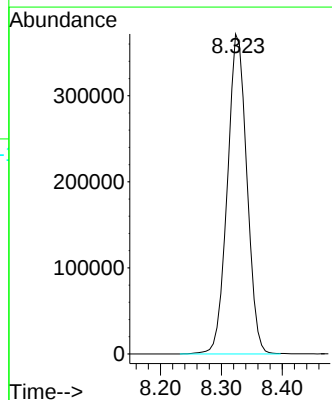
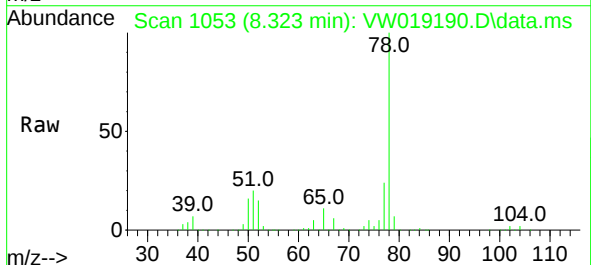
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

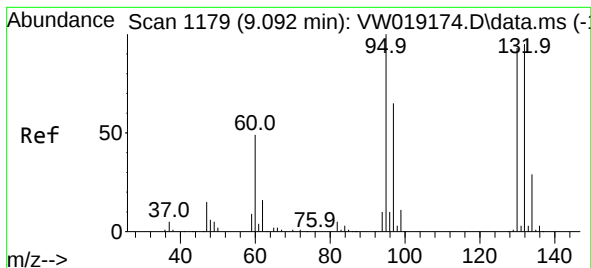
Tgt Ion:117 Resp: 278793
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7



#33
Benzene
Concen: 27.032 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 78 Resp: 826867

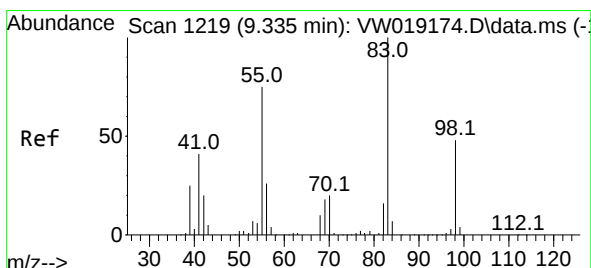
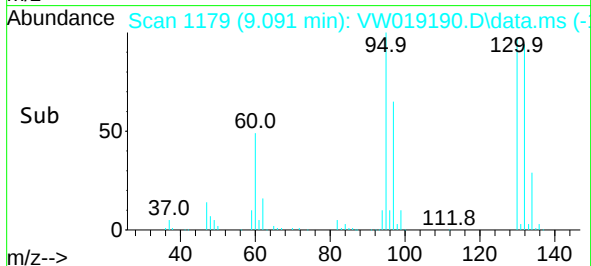
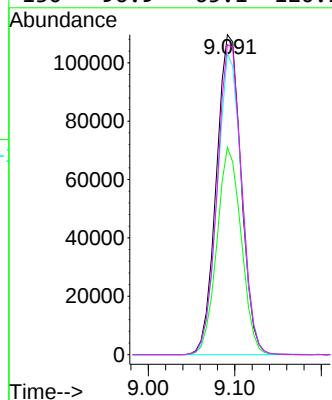
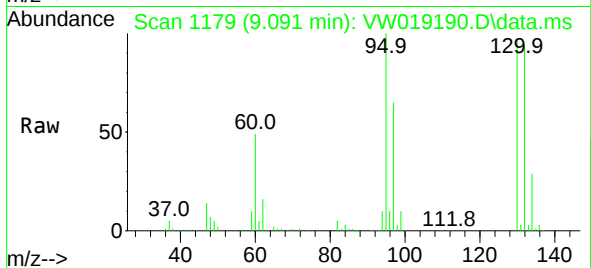




#34
Trichloroethene
Concen: 27.272 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

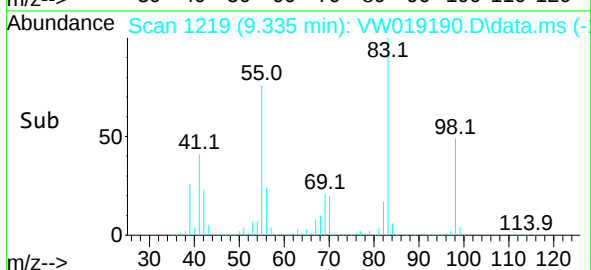
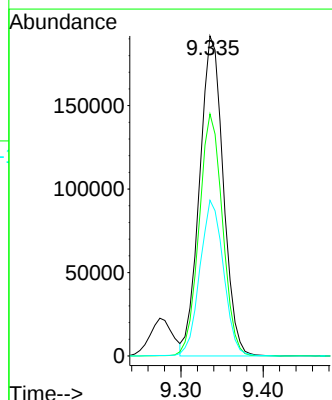
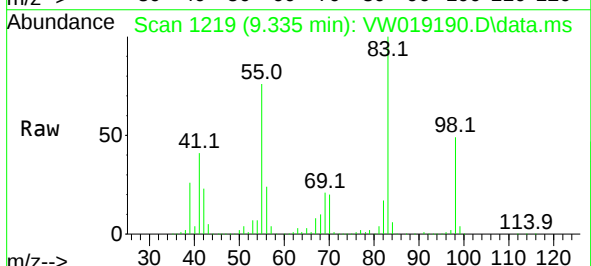
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

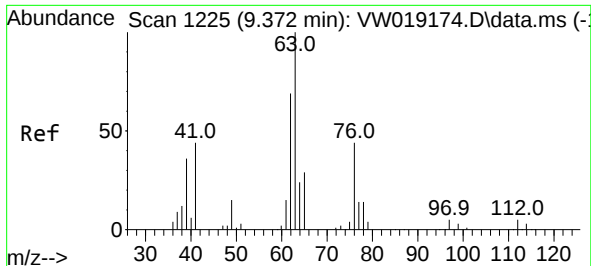
Tgt Ion: 95 Resp: 217462
Ion Ratio Lower Upper
95 100
97 64.8 47.3 87.8
132 94.2 71.0 131.8
130 96.9 65.1 120.9



#35
Methylcyclohexane
Concen: 27.966 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 83 Resp: 383742
Ion Ratio Lower Upper
83 100
55 74.8 58.9 88.3
98 48.6 40.1 60.1

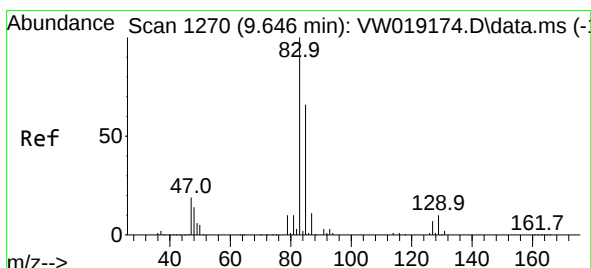
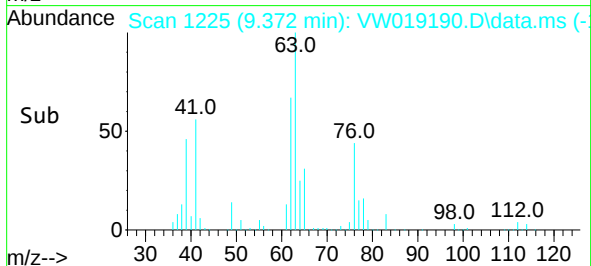
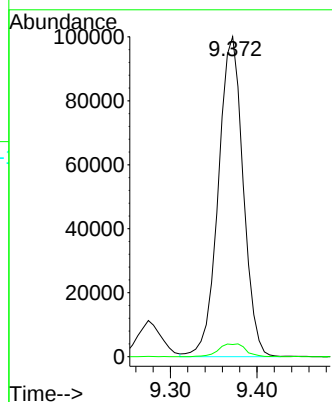
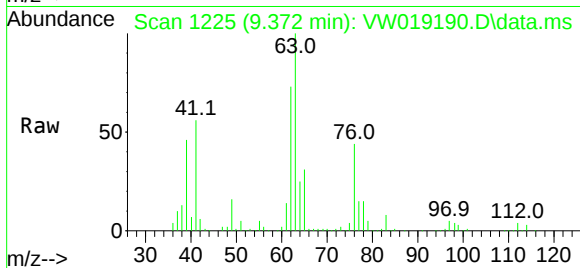




#37
1,2-Dichloropropane
Concen: 26.522 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

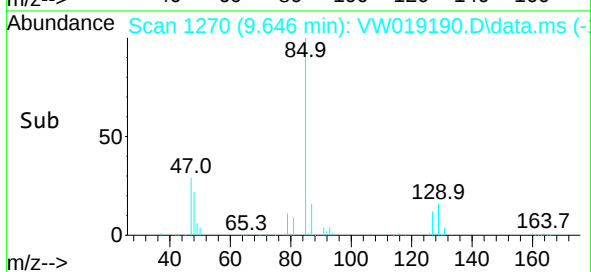
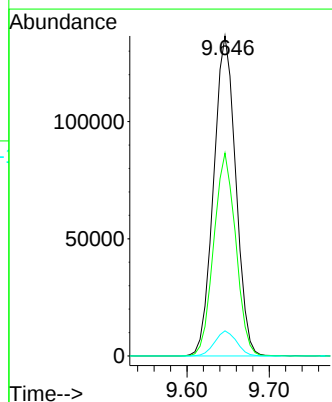
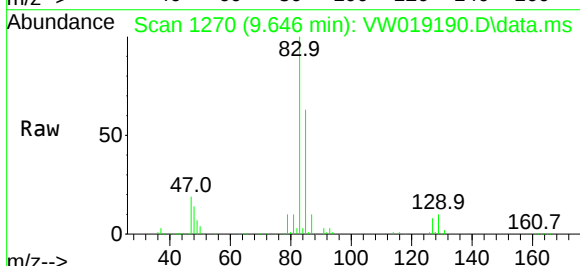
Instrument :
MSVOA_W
ClientSampled :
VSTD025111

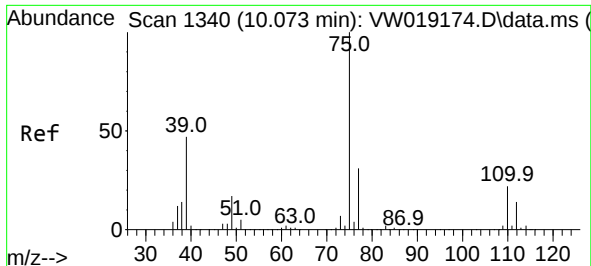
Tgt Ion: 63 Resp: 199285
Ion Ratio Lower Upper
63 100
112 4.4 3.9 5.9



#38
Bromodichloromethane
Concen: 26.228 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 83 Resp: 255623
Ion Ratio Lower Upper
83 100
85 63.4 42.3 78.5
127 7.9 6.6 9.8

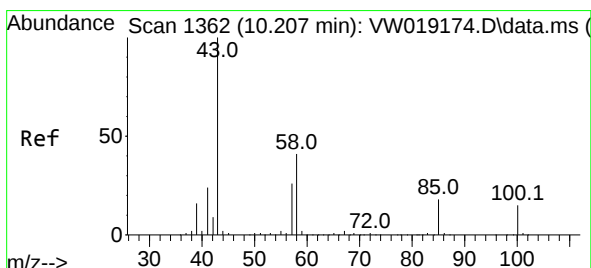
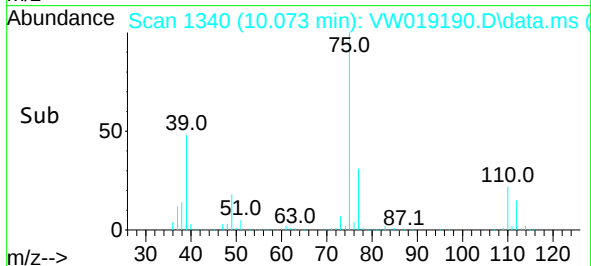
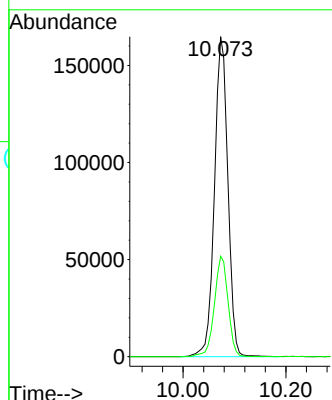
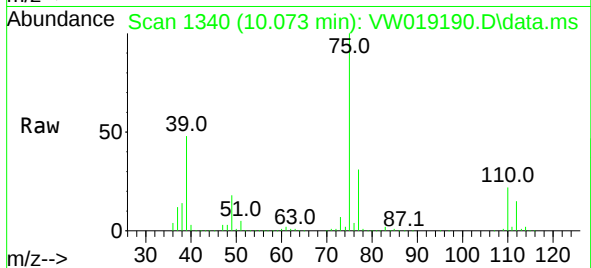




#39
cis-1,3-Dichloropropene
Concen: 25.677 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

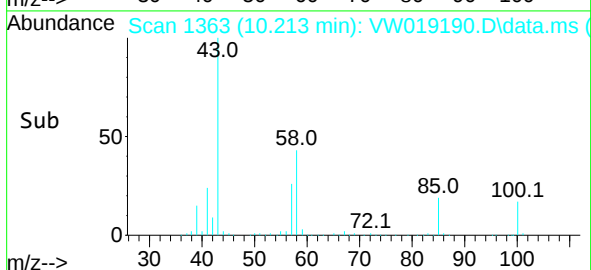
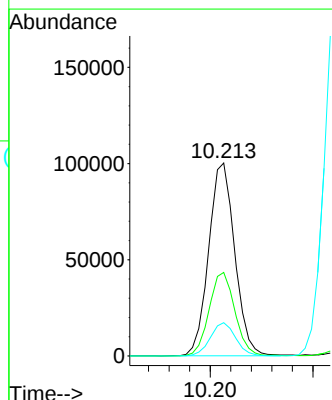
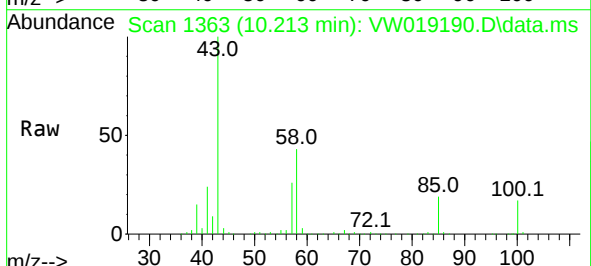
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

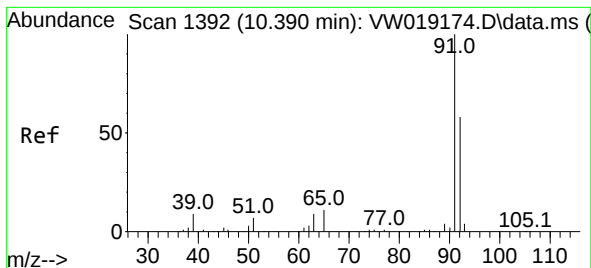
Tgt Ion: 75 Resp: 298941
Ion Ratio Lower Upper
75 100
77 31.4 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 39.446 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 43 Resp: 176516
Ion Ratio Lower Upper
43 100
58 42.9 31.0 46.4
100 16.8 13.0 19.6





#42

Toluene

Concen: 27.351 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019190.D

Acq: 11 Jun 2021 09:23

Tgt Ion: 91 Resp: 900120

Ion Ratio Lower Upper

91 100

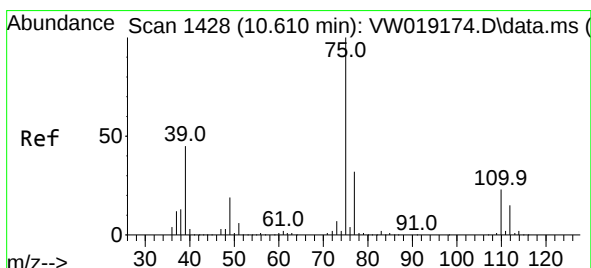
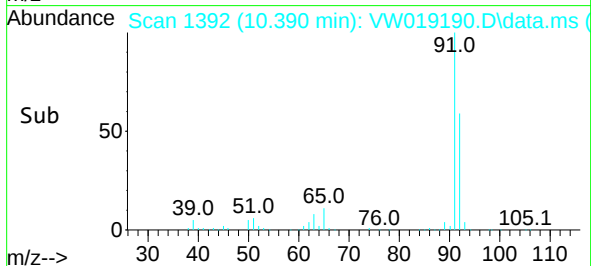
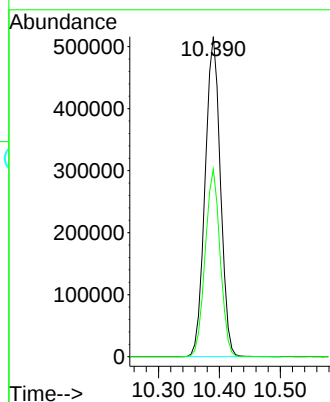
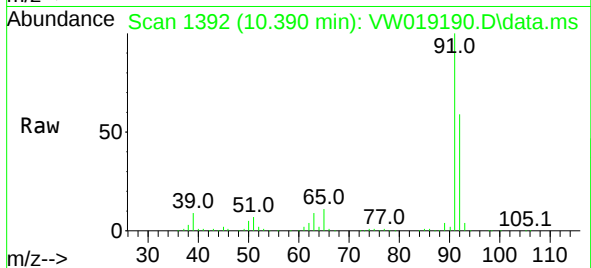
92 58.6 39.5 73.3

Instrument :

MSVOA_W

ClientSampleId :

VSTD025111



#44

trans-1,3-Dichloropropene

Concen: 24.564 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. -0.000 min

Lab File: VW019190.D

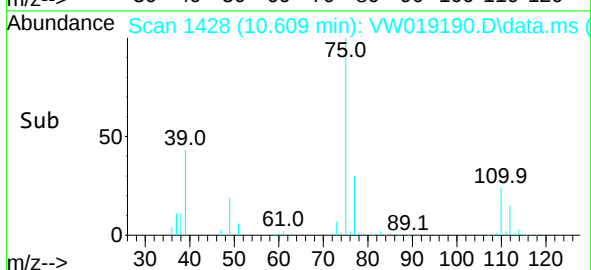
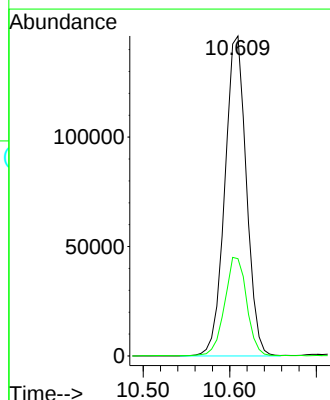
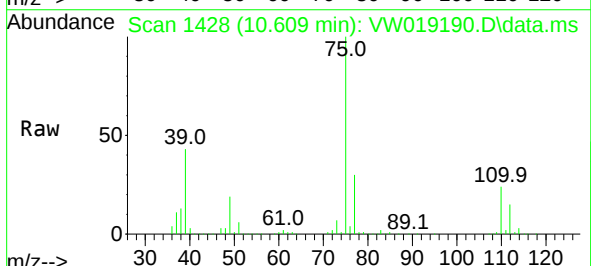
Acq: 11 Jun 2021 09:23

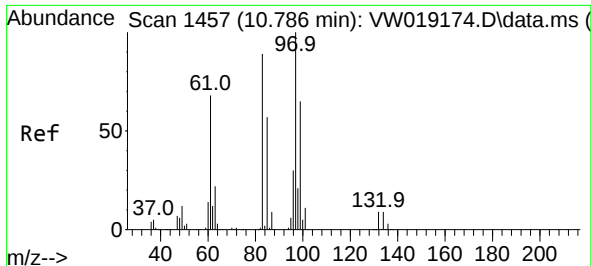
Tgt Ion: 75 Resp: 252437

Ion Ratio Lower Upper

75 100

77 30.4 21.1 39.1



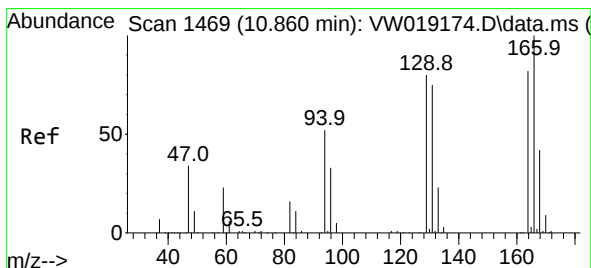
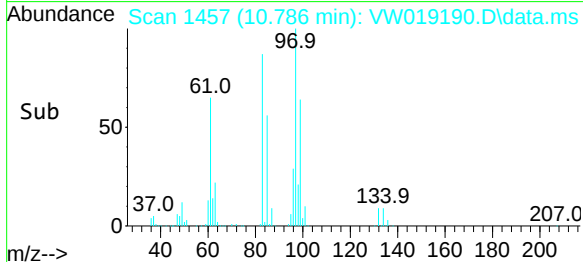
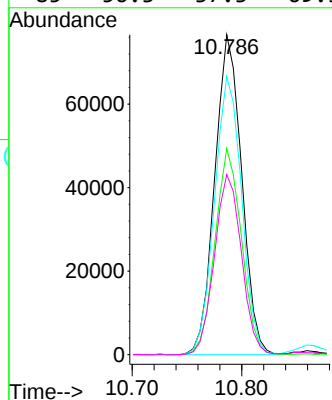
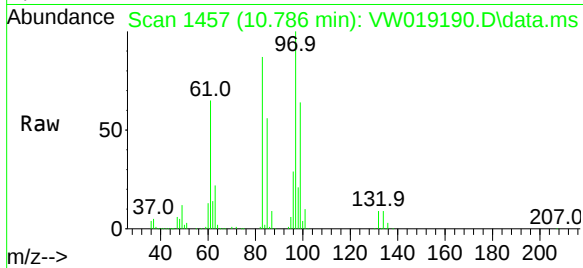


#45
1,1,2-Trichloroethane
Concen: 23.148 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

Tgt Ion: 97 Resp: 130960

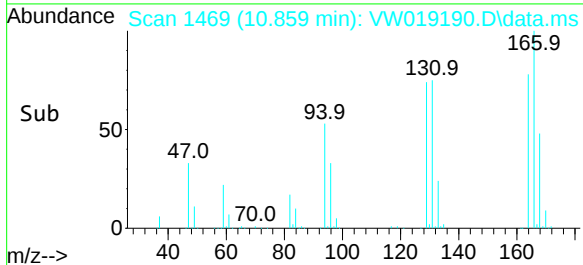
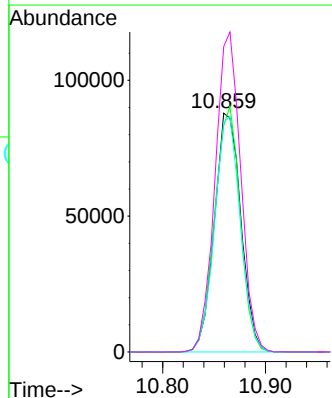
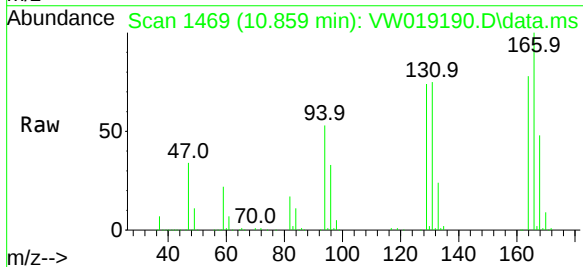
Ion	Ratio	Lower	Upper
97	100		
99	64.4	45.1	83.7
83	86.9	58.1	107.9
85	56.3	37.3	69.3

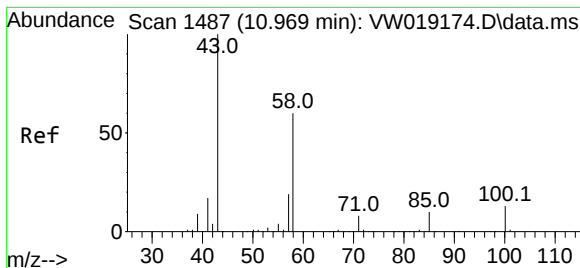


#46
Tetrachloroethene
Concen: 25.781 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 164 Resp: 157139

Ion	Ratio	Lower	Upper
164	100		
129	94.8	66.7	123.9
131	96.1	61.1	113.5
166	127.9	87.0	161.6





#48

2-Hexanone

Concen: 44.314 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW019190.D

Acq: 11 Jun 2021 09:23

Tgt Ion: 43 Resp: 133305

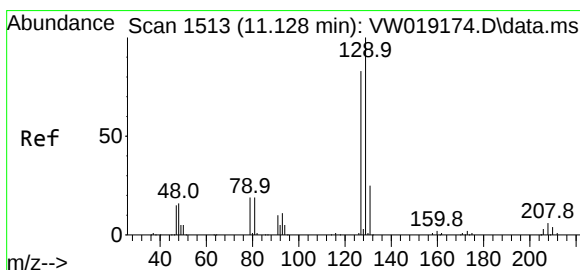
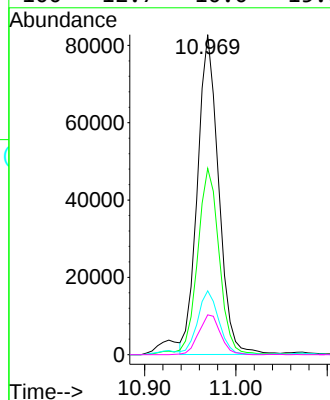
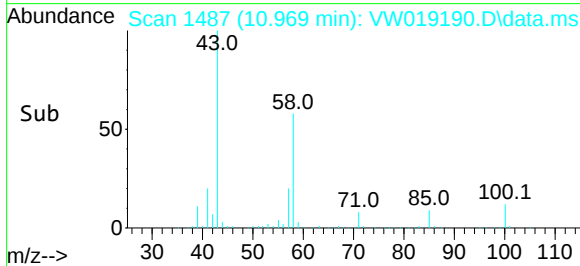
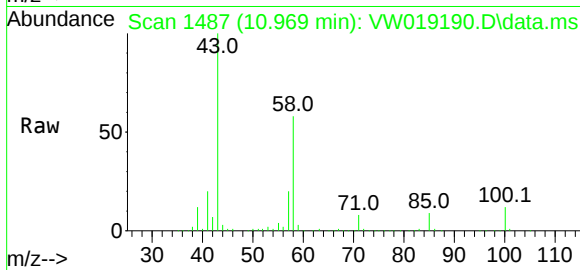
Ion Ratio Lower Upper

43 100

58 59.0 42.7 64.1

57 20.1 15.8 23.8

100 12.7 10.0 15.0



#49

Dibromochloromethane

Concen: 24.636 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW019190.D

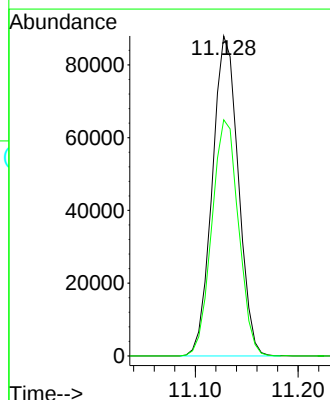
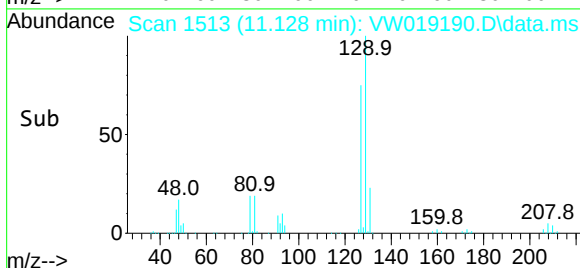
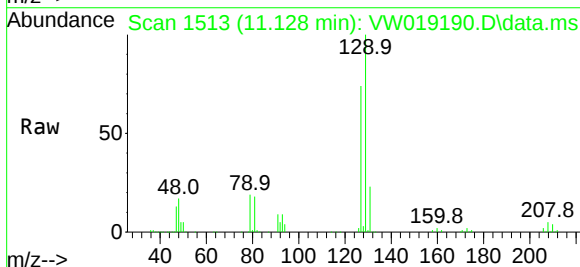
Acq: 11 Jun 2021 09:23

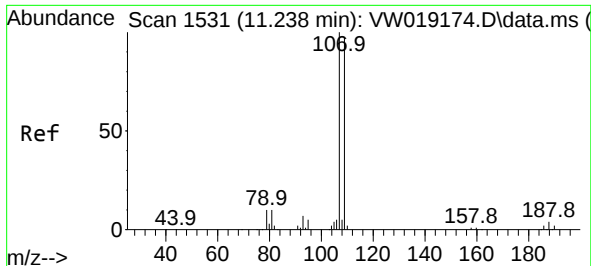
Tgt Ion: 129 Resp: 154476

Ion Ratio Lower Upper

129 100

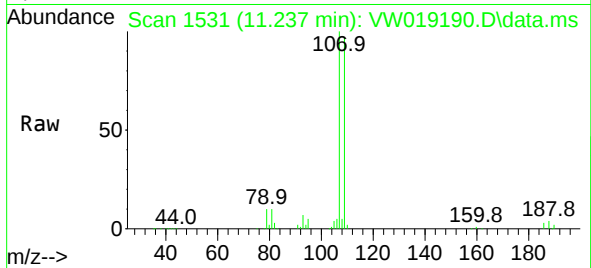
127 73.8 51.7 95.9



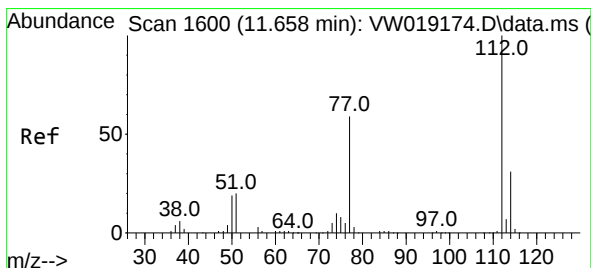
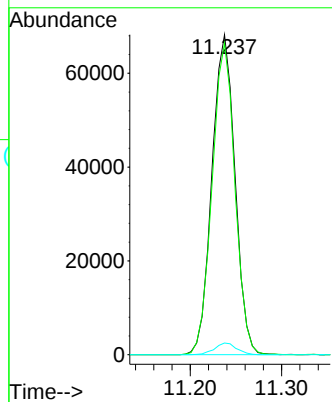
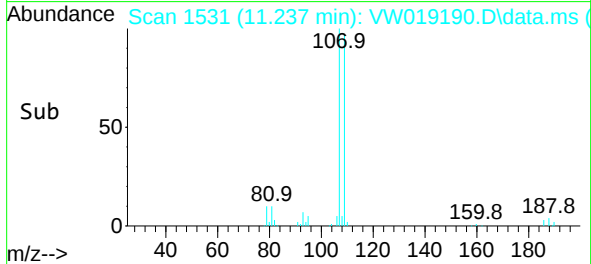


#50
1,2-Dibromoethane
Concen: 21.778 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

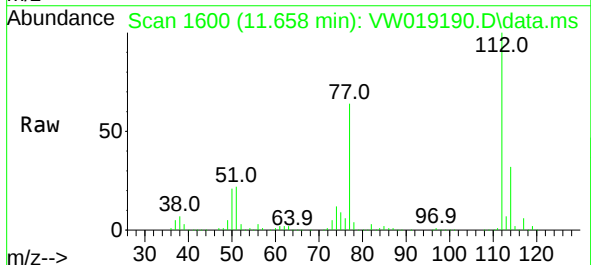
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111



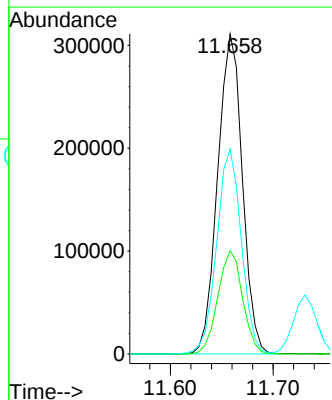
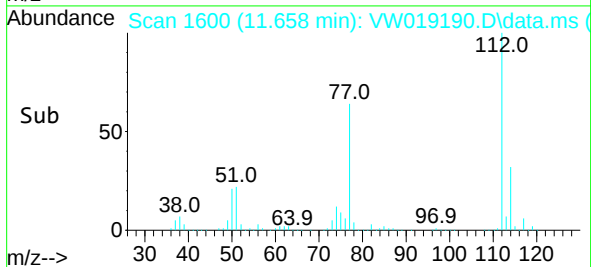
Tgt Ion:107 Resp: 119365
Ion Ratio Lower Upper
107 100
109 97.3 65.4 121.4
188 3.6 2.6 4.0

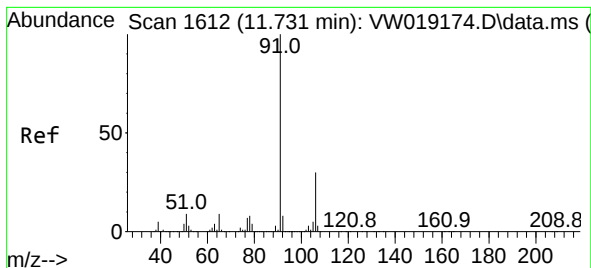


#51
Chlorobenzene
Concen: 25.557 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23



Tgt Ion:112 Resp: 519161
Ion Ratio Lower Upper
112 100
114 32.3 23.4 43.6
77 64.0 47.6 71.4

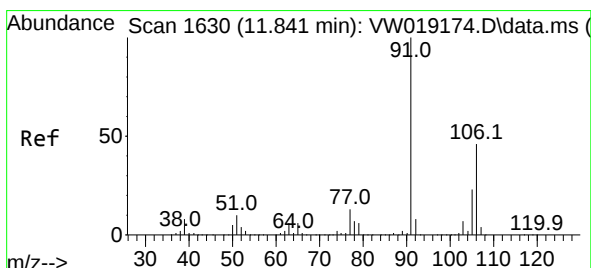
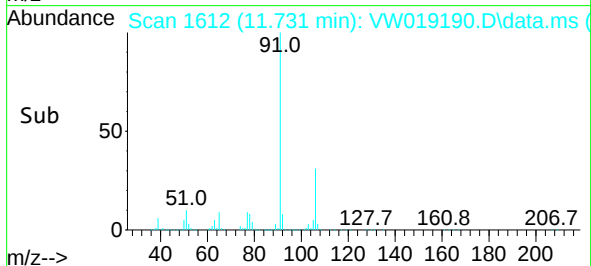
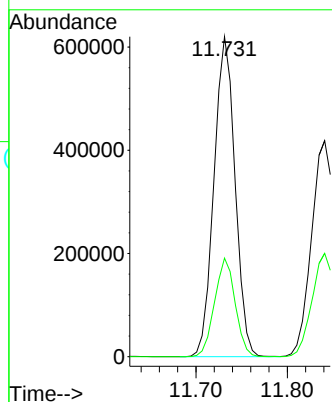
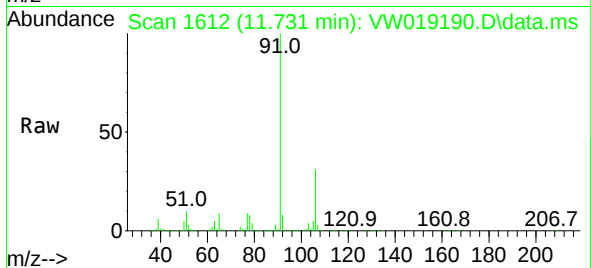




#52
Ethylbenzene
Concen: 27.398 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

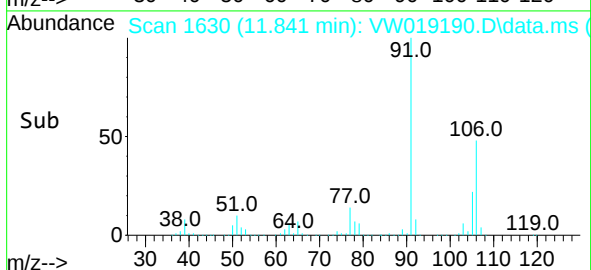
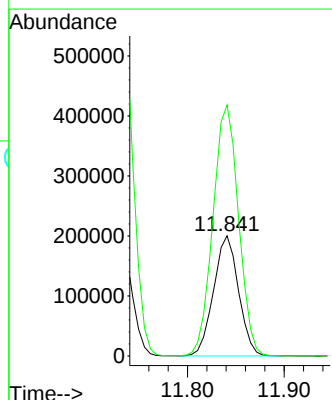
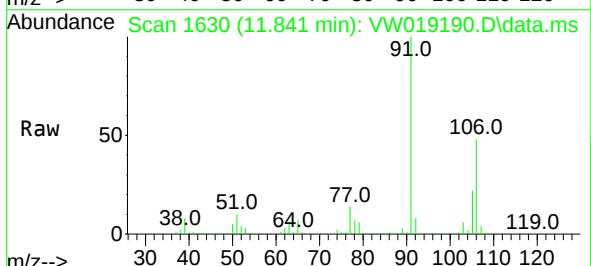
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

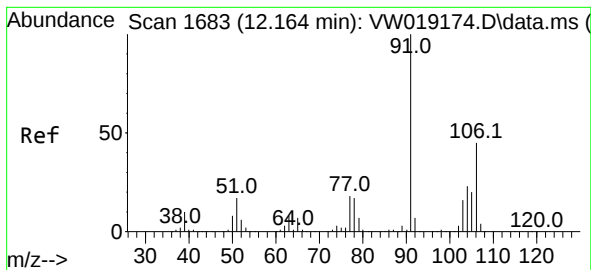
Tgt Ion: 91 Resp: 991868
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.7



#53
m,p-Xylene
Concen: 26.864 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion:106 Resp: 358647
Ion Ratio Lower Upper
106 100
91 208.9 141.3 262.3

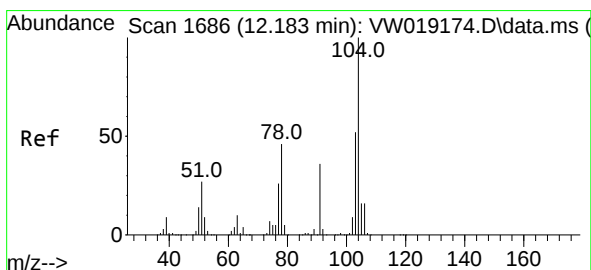
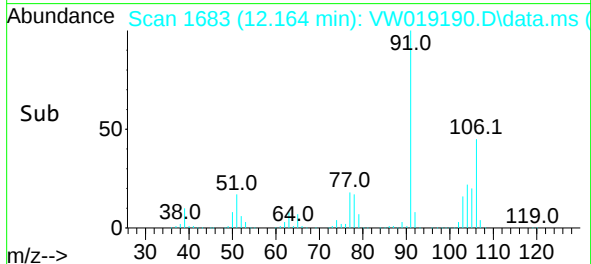
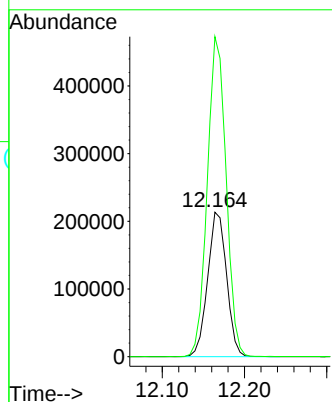
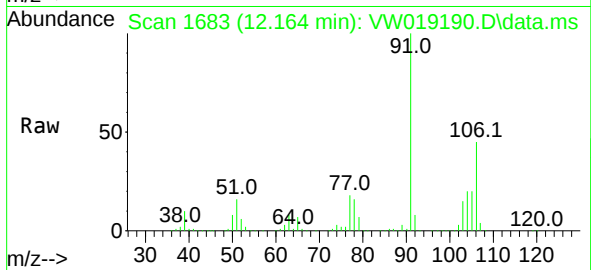




#54
o-Xylene
Concen: 26.863 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

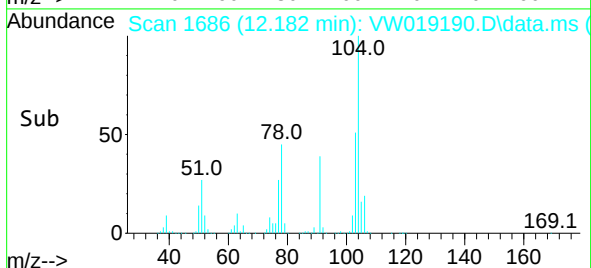
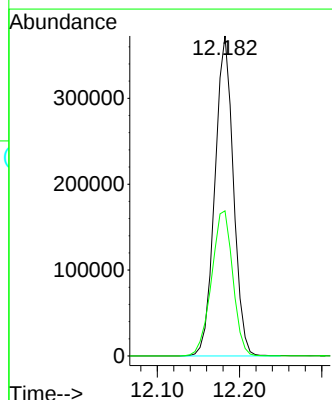
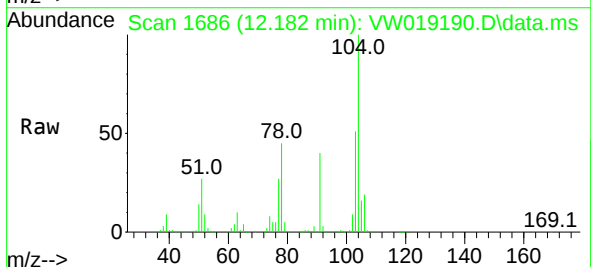
Instrument :
MSVOA_W
ClientSampled :
VSTD025111

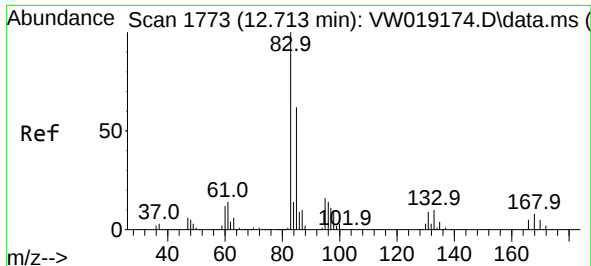
Tgt Ion:106 Resp: 341626
Ion Ratio Lower Upper
106 100
91 221.5 150.0 278.6



#55
Styrene
Concen: 26.622 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion:104 Resp: 582235
Ion Ratio Lower Upper
104 100
78 45.3 32.5 60.3

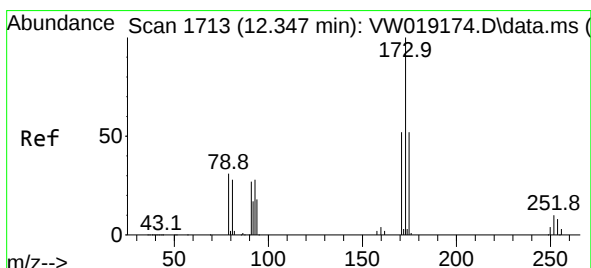
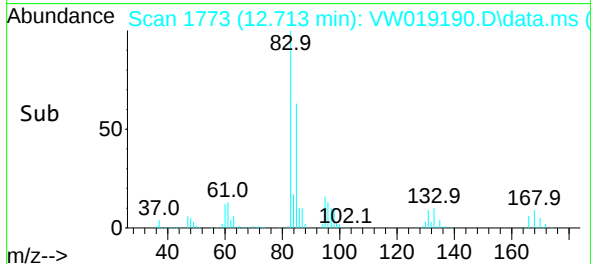
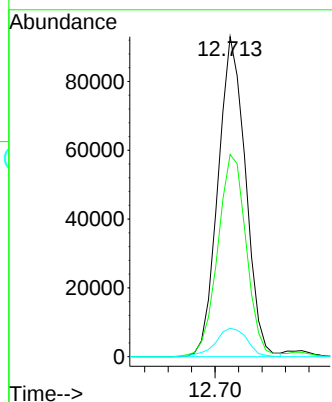
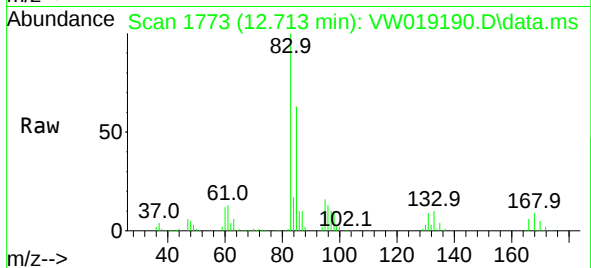




#57
1,1,2,2-Tetrachloroethane
Concen: 21.700 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

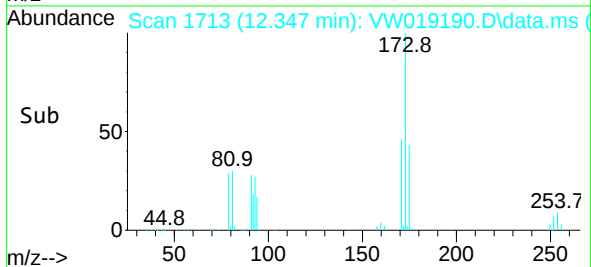
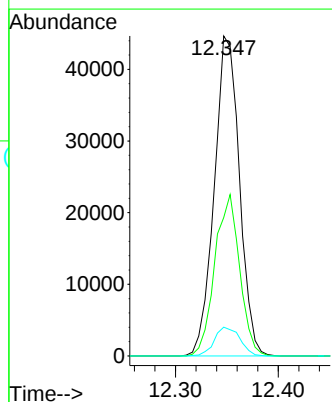
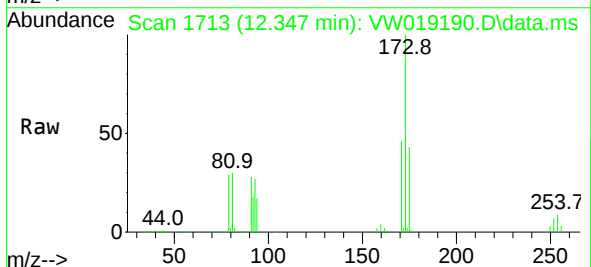
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

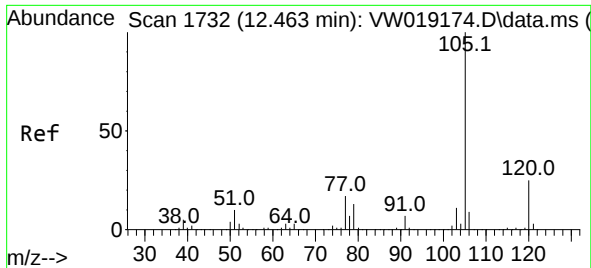
Tgt Ion: 83 Resp: 151293
Ion Ratio Lower Upper
83 100
85 63.2 44.4 82.4
131 8.9 8.2 12.4



#59
Bromoform
Concen: 21.294 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 173 Resp: 75867
Ion Ratio Lower Upper
173 100
175 49.7 37.5 56.3
254 9.2 7.0 10.4

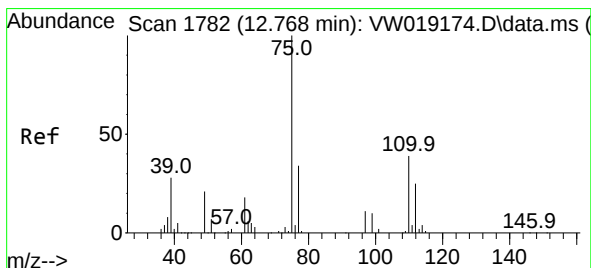
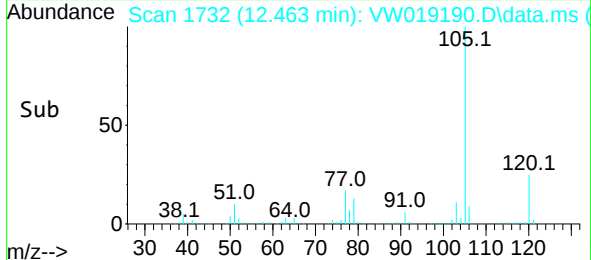
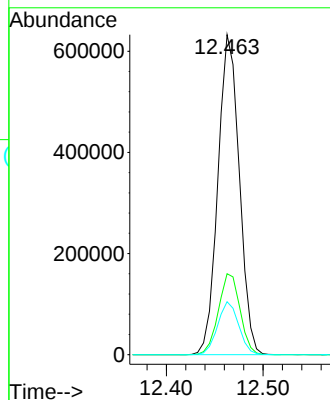
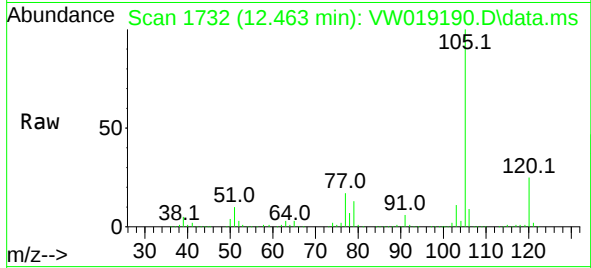




#60
Isopropylbenzene
Concen: 28.023 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

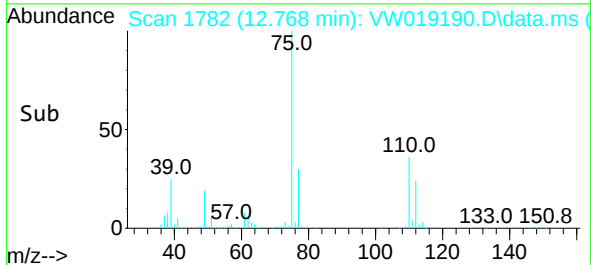
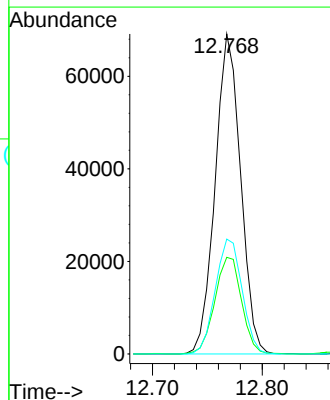
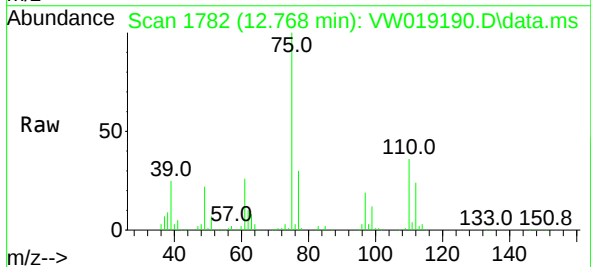
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

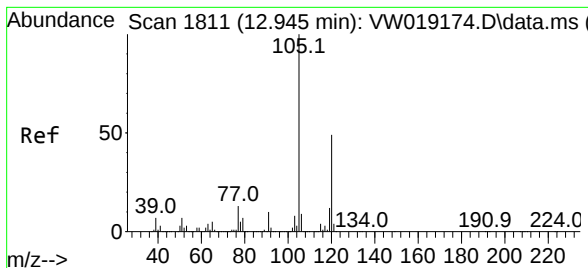
Tgt Ion:105 Resp: 970254
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 21.538 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion: 75 Resp: 111437
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 37.7 32.6 48.8

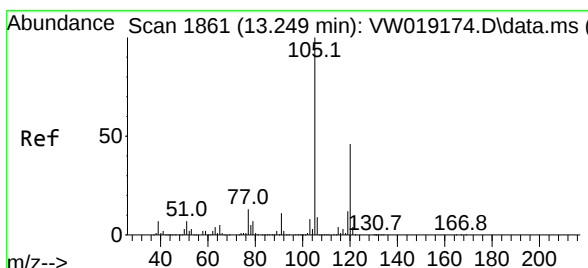
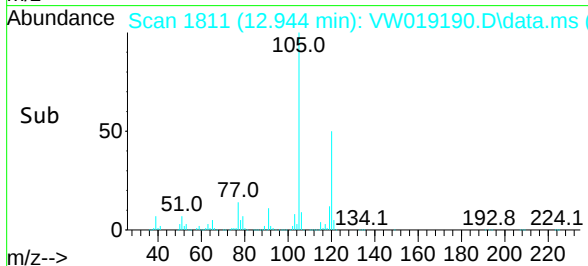
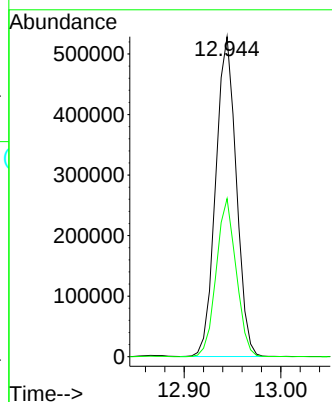
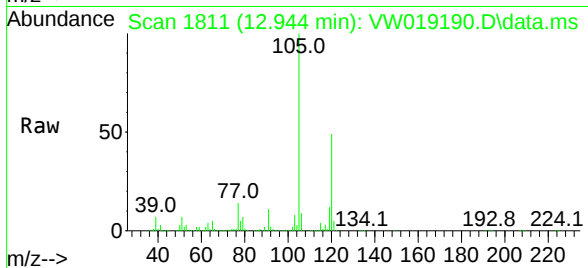




#62
1,3,5-Trimethylbenzene
Concen: 27.388 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

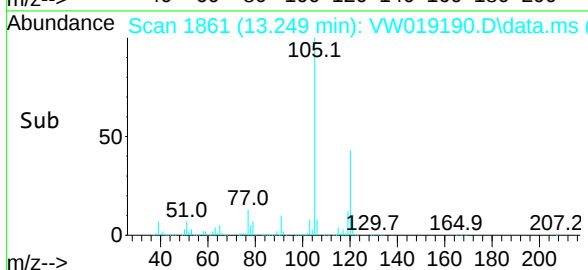
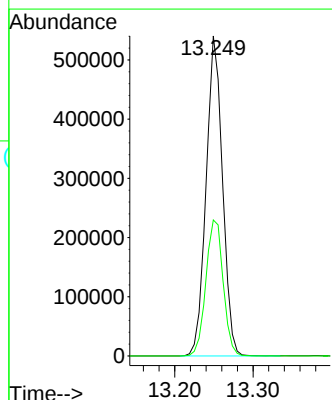
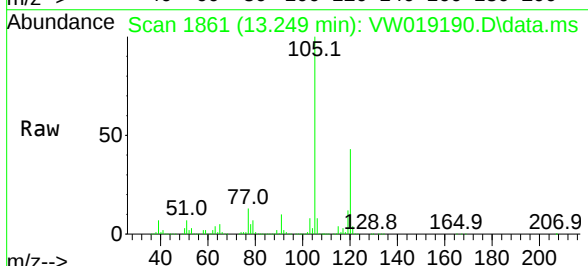
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

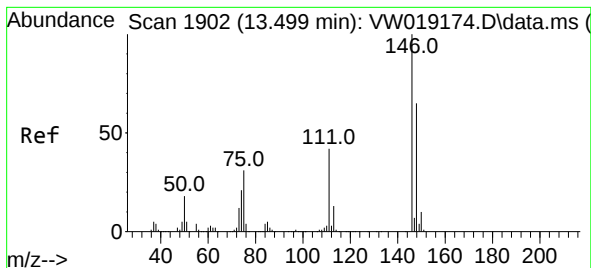
Tgt Ion:105 Resp: 778830
Ion Ratio Lower Upper
105 100
120 48.0 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 27.680 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion:105 Resp: 785752
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4

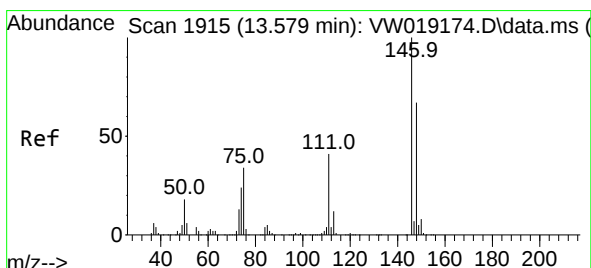
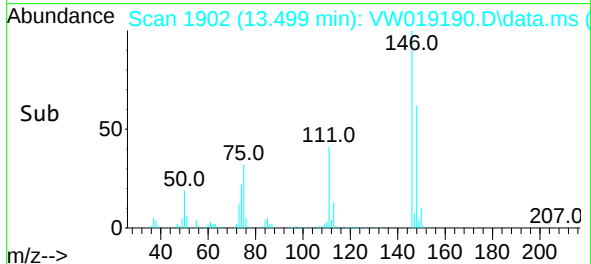
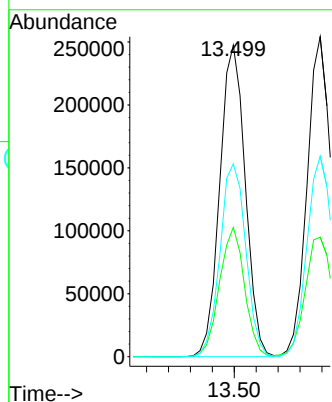
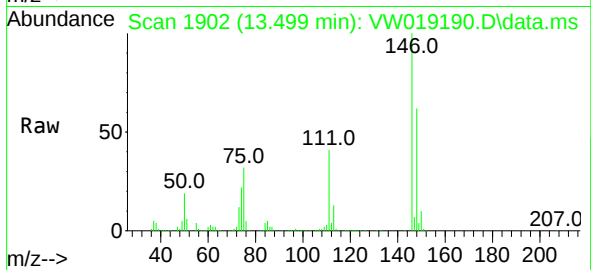




#64
1,3-Dichlorobenzene
Concen: 26.456 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

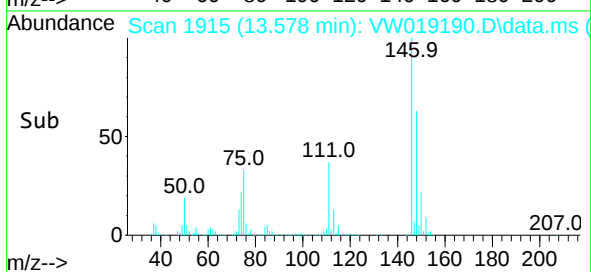
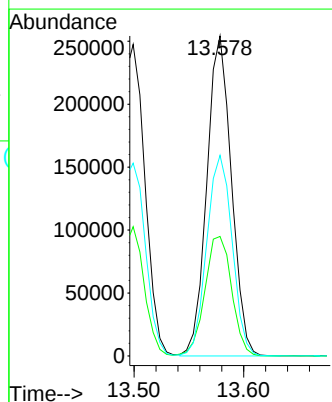
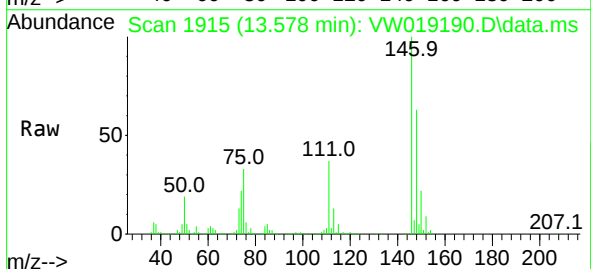
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

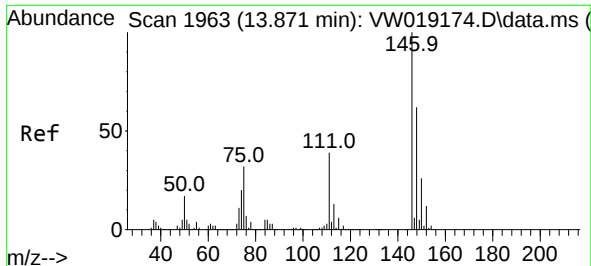
Tgt Ion:146 Resp: 399782
Ion Ratio Lower Upper
146 100
111 41.5 26.7 49.7
148 61.9 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.674 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion:146 Resp: 396709
Ion Ratio Lower Upper
146 100
111 37.3 28.8 53.4
148 62.7 46.8 87.0

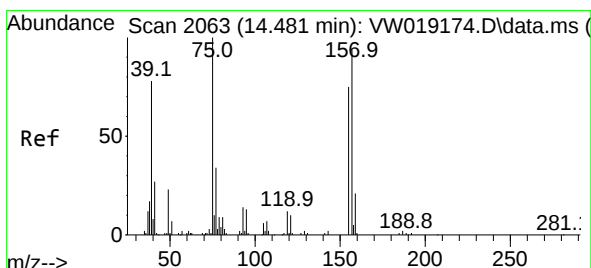
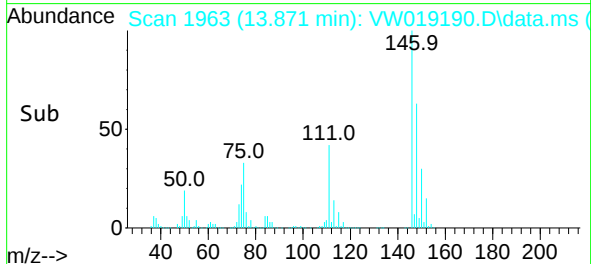
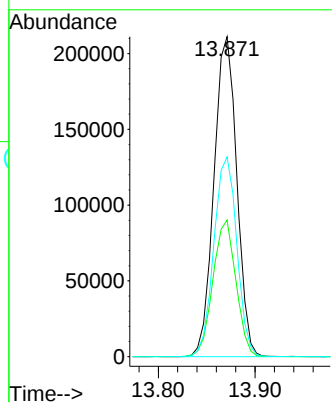
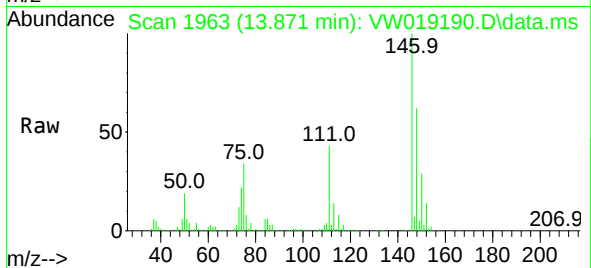




#67
1,2-Dichlorobenzene
Concen: 25.454 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

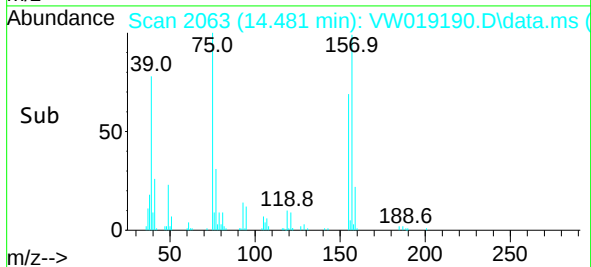
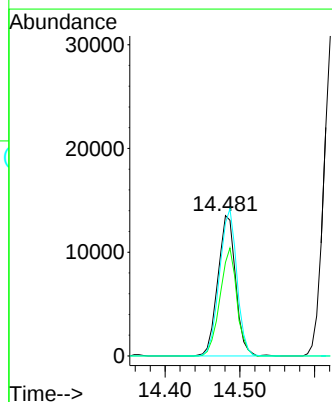
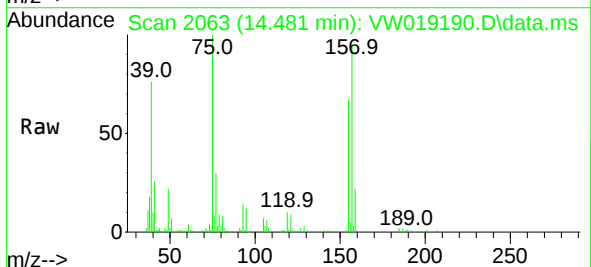
Instrument :
MSVOA_W
ClientSampled :
VSTD025111

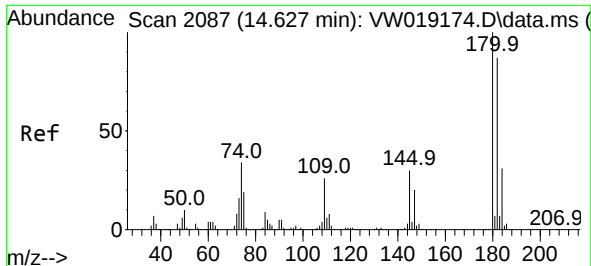
Tgt Ion:146 Resp: 346174
Ion Ratio Lower Upper
146 100
111 42.7 33.2 49.8
148 62.5 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 19.839 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

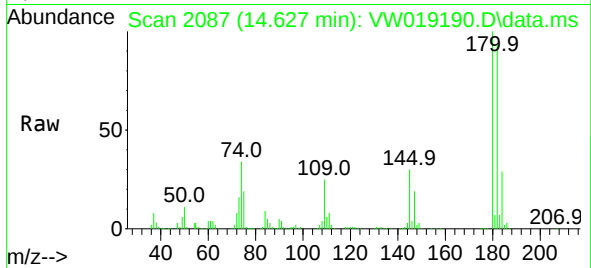
Tgt Ion: 75 Resp: 22469
Ion Ratio Lower Upper
75 100
155 66.7 59.4 89.0
157 94.8 72.2 108.2



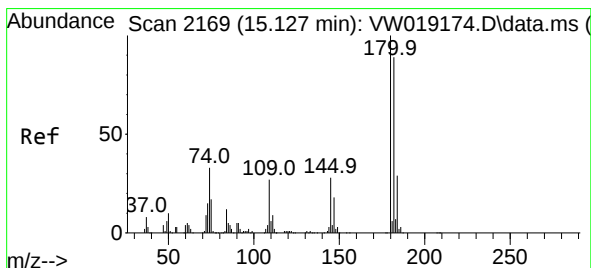
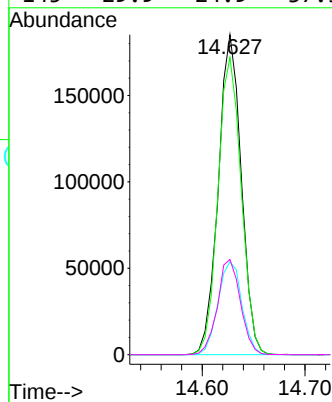
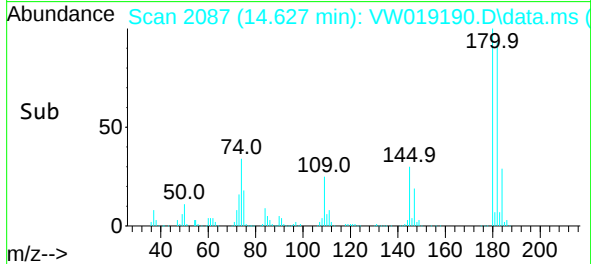


#69
1,3,5-Trichlorobenzene
Concen: 26.263 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

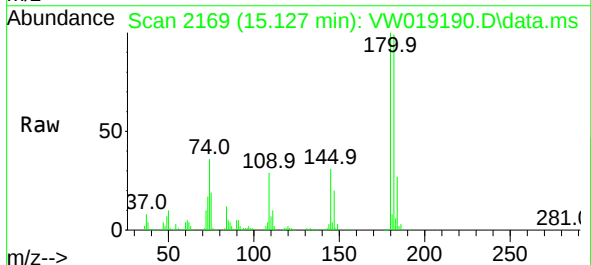
Instrument :
MSVOA_W
ClientSampleId :
VSTD025111



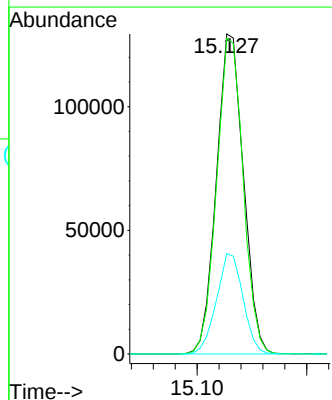
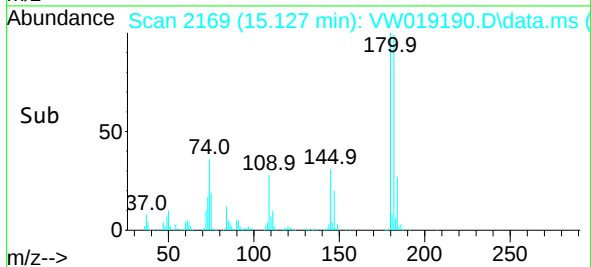
Tgt Ion:180 Resp: 286736
Ion Ratio Lower Upper
180 100
182 94.1 73.4 110.2
184 30.3 23.6 35.4
145 29.9 24.9 37.3

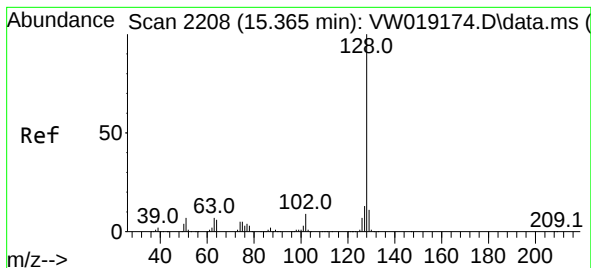


#70
1,2,4-trichlorobenzene
Concen: 24.778 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23



Tgt Ion:180 Resp: 222023
Ion Ratio Lower Upper
180 100
182 96.5 74.7 112.1
145 30.8 25.0 37.4

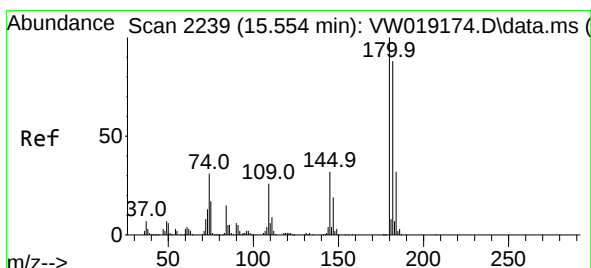
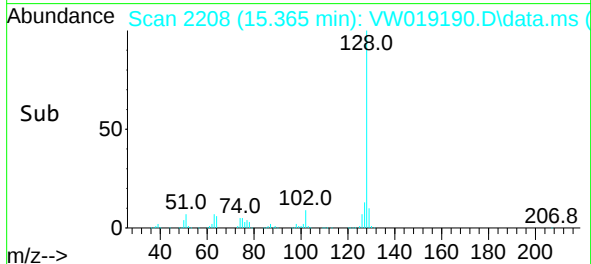
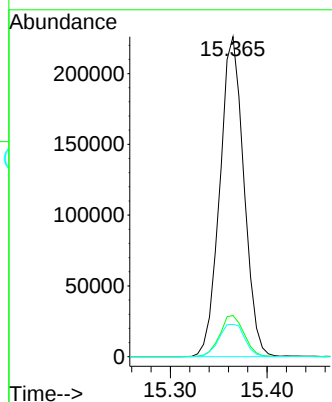
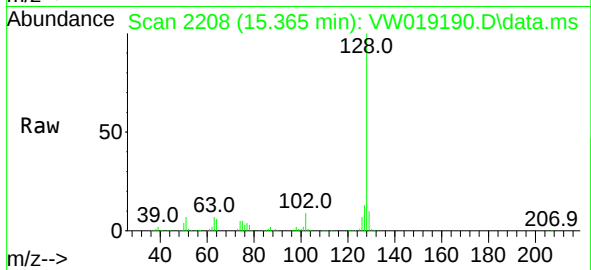




#71
Naphthalene
Concen: 21.815 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD025111

Tgt Ion:128 Resp: 389730
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 23.964 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019190.D
Acq: 11 Jun 2021 09:23

Tgt Ion:180 Resp: 190259
Ion Ratio Lower Upper
180 100
182 95.3 76.7 115.1
145 33.0 28.9 43.3

