

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018399.D
 Acq On : 19 Mar 2021 19:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Mar 20 01:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 01:36:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	532564	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	514726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	247771	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	185658	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.20%			
7) Chloroethane-d5	2.898	69	168185	25.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.72%			
10) 1,1-Dichloroethene-d2	4.032	63	314156	24.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.20%			
20) 2-Butanone-d5	7.074	46	91490	55.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.90%			
24) Chloroform-d	7.647	84	350984	25.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.48%			
26) 1,2-Dichloroethane-d4	8.305	65	210251	26.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.20%			
29) Benzene-d6	8.275	84	664511	24.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.12%			
33) 1,2-Dichloropropane-d6	9.274	67	194951	24.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.80%			
37) Toluene-d8	10.323	98	651820	24.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.96%			
38) trans-1,3-Dichloroprop...	10.579	79	98380	24.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.68%			
39) 2-Hexanone-d5	10.921	63	79193	51.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.54%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	185925	26.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	228905	25.99	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	132557	21.67	ug/L	98
3) Chloromethane	2.221	50	187451	24.31	ug/L	97
5) Vinyl chloride	2.367	62	263932	26.07	ug/L	99
6) Bromomethane	2.782	94	205113	28.05	ug/L	100
8) Chloroethane	2.928	64	168157	26.63	ug/L	94
9) Trichlorofluoromethane	3.263	101	125452	24.63	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	170255	25.99	ug/L #	83
12) 1,1-Dichloroethene	4.050	96	168178	25.16	ug/L	93
13) Acetone	4.117	43	61259	51.68	ug/L	100
14) Carbon disulfide	4.391	76	508707	25.27	ug/L	98
15) Methyl Acetate	4.666	43	73879	27.25	ug/L	98
16) Methylene chloride	4.922	84	198858	22.76	ug/L	91
17) Methyl tert-butyl Ether	5.422	73	268994	27.54	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	187938	25.47	ug/L	97
19) 1,1-Dichloroethane	6.220	63	331072	26.29	ug/L	98
21) 2-Butanone	7.165	43	97614	51.84	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	201733	25.99	ug/L	96
23) Bromochloromethane	7.513	128	91002	26.49	ug/L #	82
25) Chloroform	7.677	83	349629	26.16	ug/L	99
27) 1,2-Dichloroethane	8.397	62	256750	27.08	ug/L	99

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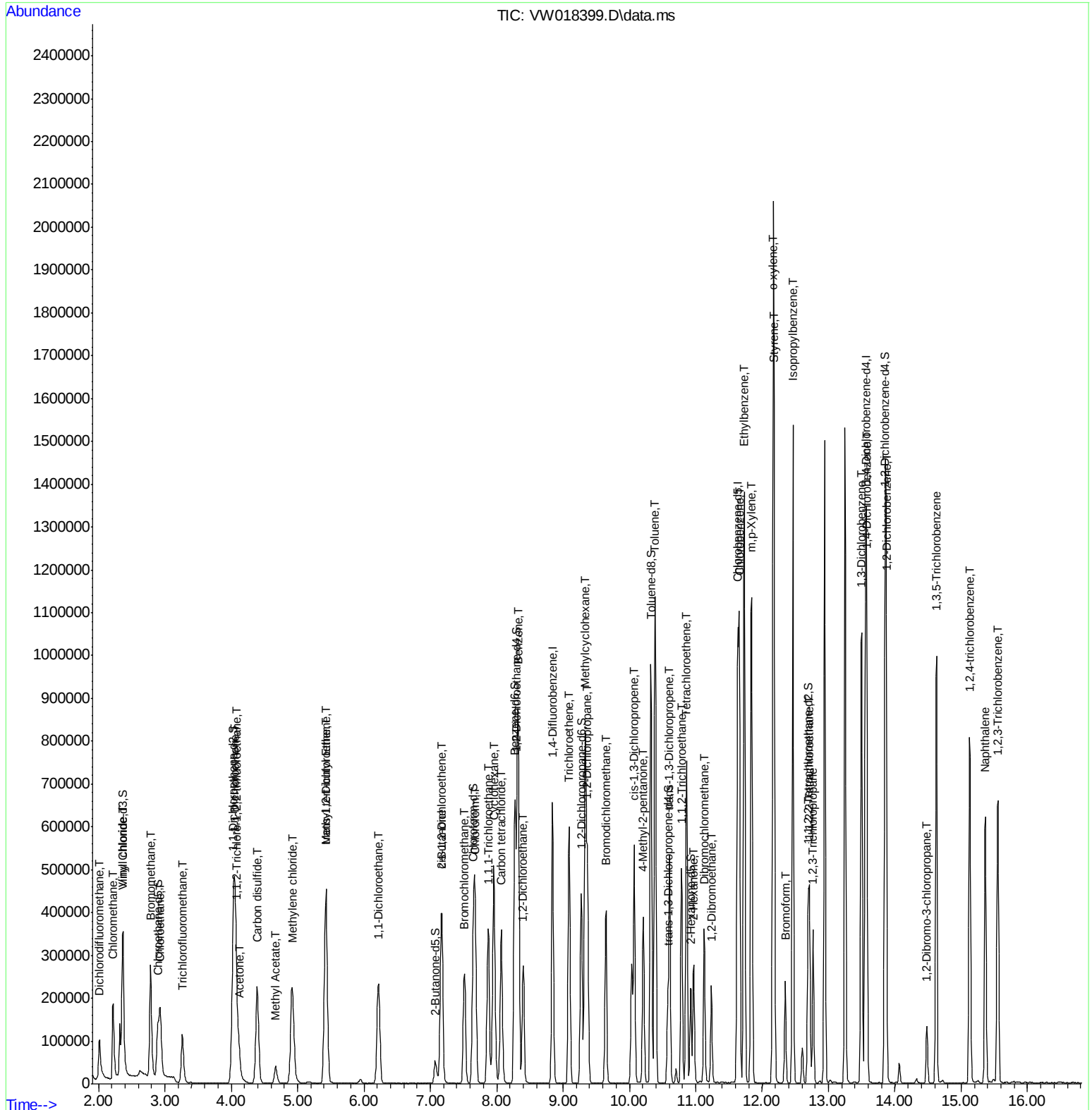
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	287208	23.50	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	282748	24.58	ug/L	97
32) Carbon tetrachloride	8.067	117	256898	23.96	ug/L	100
34) Benzene	8.323	78	760050	25.50	ug/L	100
35) Trichloroethene	9.092	95	201987	24.53	ug/L	99
36) Methylcyclohexane	9.335	83	344433	23.88	ug/L	97
40) 1,2-Dichloropropane	9.366	63	185912	25.49	ug/L	98
41) Bromodichloromethane	9.646	83	262870	25.50	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	312362	25.33	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	229127	52.25	ug/L	98
44) Toluene	10.384	91	859757	25.37	ug/L	94
45) trans-1,3-Dichloropropene	10.604	75	288267	26.03	ug/L	94
46) 1,1,2-Trichloroethane	10.786	97	149968	25.79	ug/L	96
47) Tetrachloroethene	10.860	164	154077	24.64	ug/L	97
49) 2-Hexanone	10.969	43	162791	52.46	ug/L	98
50) Dibromochloromethane	11.128	129	173025	25.24	ug/L	94
51) 1,2-Dibromoethane	11.238	107	150395	26.12	ug/L	98
52) Chlorobenzene	11.658	112	534348	24.86	ug/L	97
53) Ethylbenzene	11.731	91	955976	25.02	ug/L	100
54) m,p-Xylene	11.841	106	365409	25.03	ug/L	99
55) o-xylene	12.164	106	353240	25.38	ug/L	99
56) Styrene	12.183	104	617674	26.02	ug/L	97
57) Isopropylbenzene	12.463	105	947924	25.04	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	188473	26.78	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	140812	26.50	ug/L	99
62) Bromoform	12.353	173	102083	26.87	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	411998	25.98	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	395240	24.70	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	376934	26.60	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	34106	26.63	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	296058	25.89	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	231522	23.79	ug/L	91
69) Naphthalene	15.365	128	522485	25.79	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	214041	25.21	ug/L	97

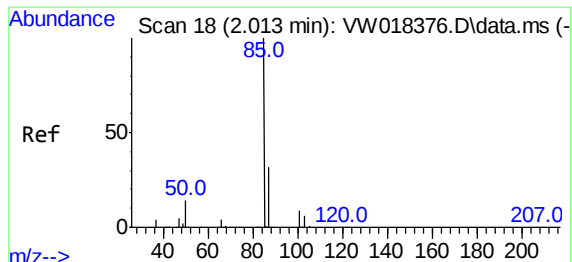
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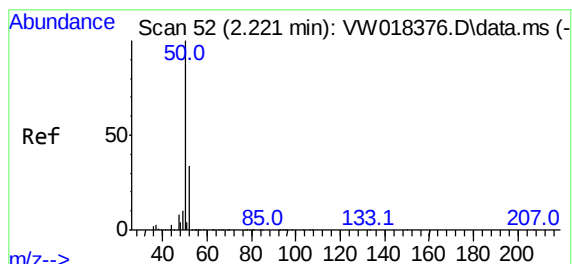
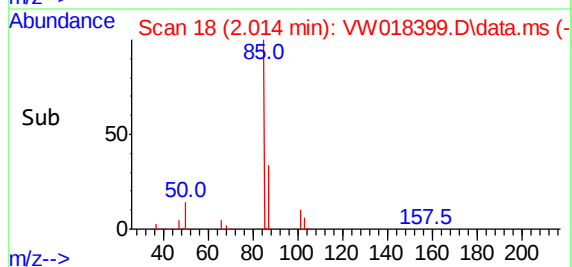
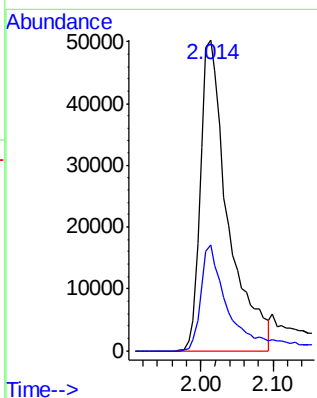
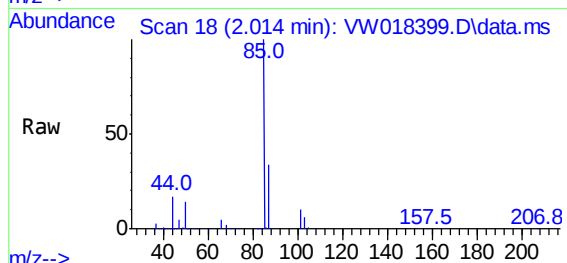




#2
Dichlorodifluoromethane
Concen: 21.67 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

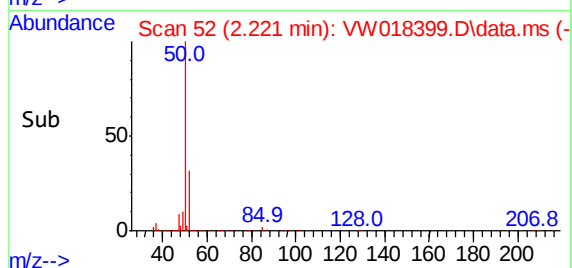
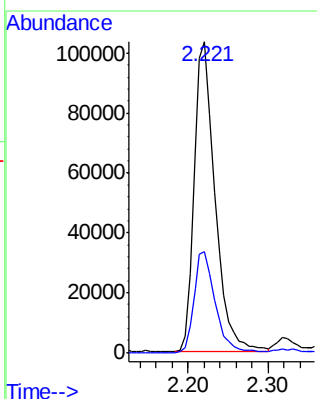
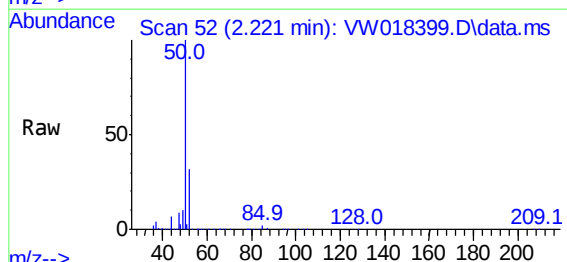
Instrument :
MSVOA_W
ClientSampleId :
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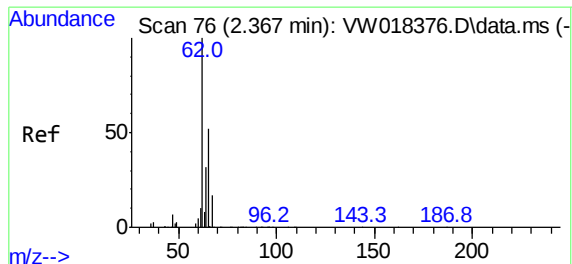
Tgt Ion: 85 Resp: 132557
Ion Ratio Lower Upper
85 100
87 30.8 22.2 41.2



#3
Chloromethane
Concen: 24.31 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 50 Resp: 187451
Ion Ratio Lower Upper
50 100
52 32.3 23.7 43.9

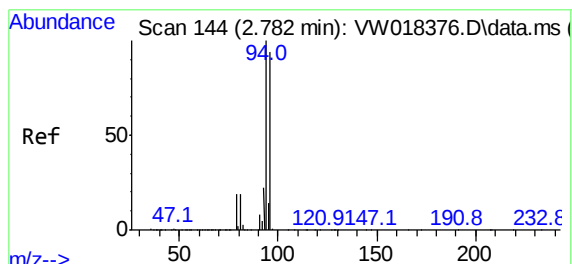
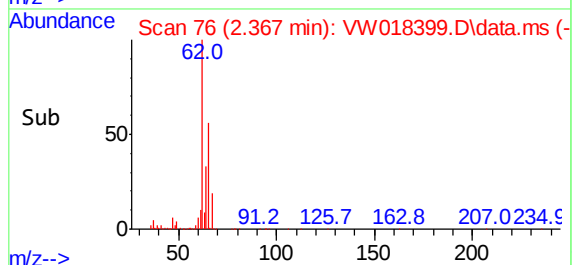
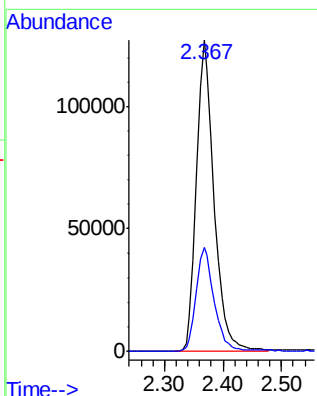
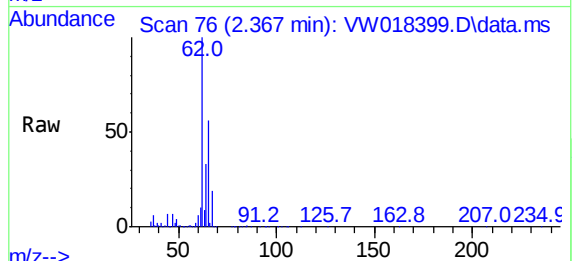




#5
 Vinyl chloride
 Concen: 26.07 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018399.D
 Acq: 19 Mar 2021 19:40

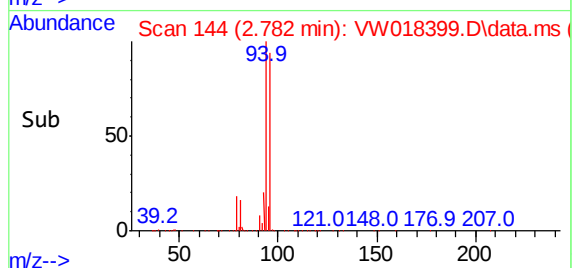
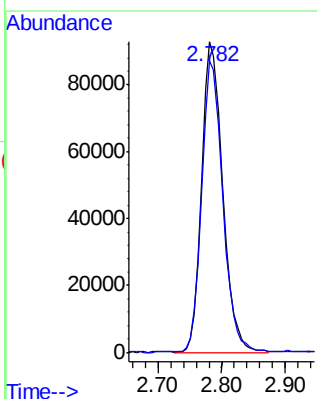
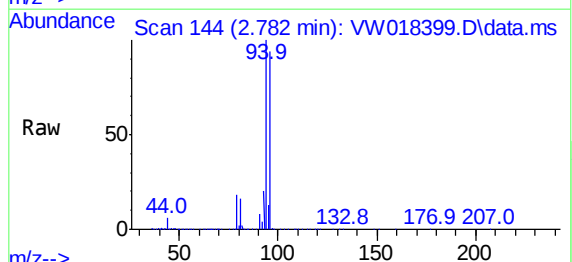
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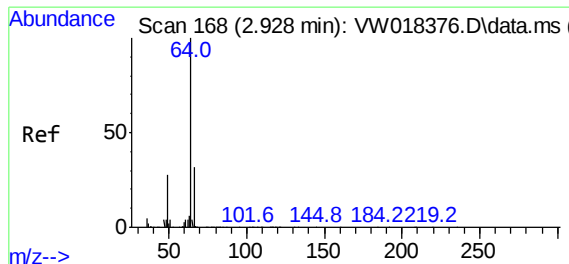
Tgt Ion: 62 Resp: 263932
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.5 43.7



#6
 Bromomethane
 Concen: 28.05 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018399.D
 Acq: 19 Mar 2021 19:40

Tgt Ion: 94 Resp: 205113
 Ion Ratio Lower Upper
 94 100
 96 94.5 9.4 179.4



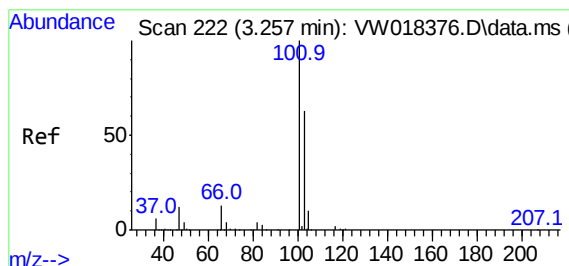
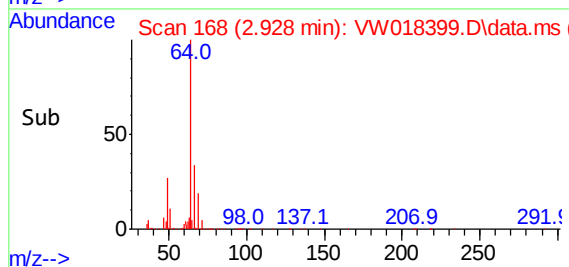
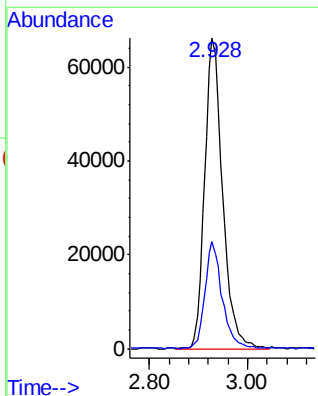
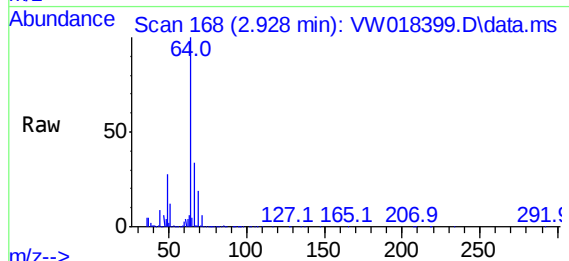


#8
 Chloroethane
 Concen: 26.63 ug/L
 RT: 2.928 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: VW018399.D
 Acq: 19 Mar 2021 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Tgt Ion: 64 Resp: 168157

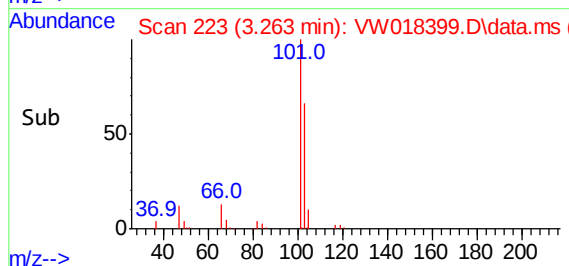
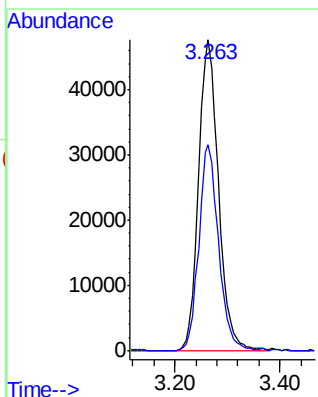
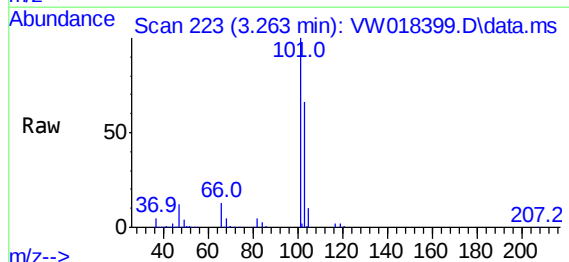
Ion	Ratio	Lower	Upper
64	100		
66	34.4	21.6	40.0

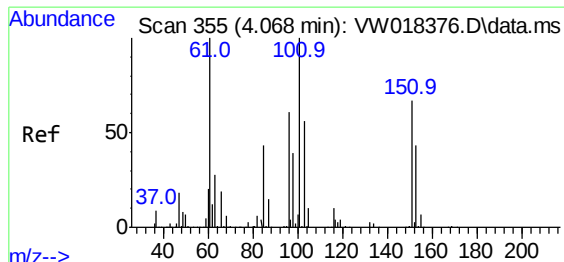


#9
 Trichlorofluoromethane
 Concen: 24.63 ug/L
 RT: 3.263 min Scan# 223
 Delta R.T. 0.006 min
 Lab File: VW018399.D
 Acq: 19 Mar 2021 19:40

Tgt Ion:101 Resp: 125452

Ion	Ratio	Lower	Upper
101	100		
103	65.0	45.6	84.8

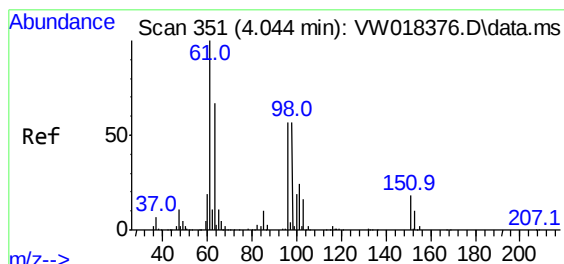
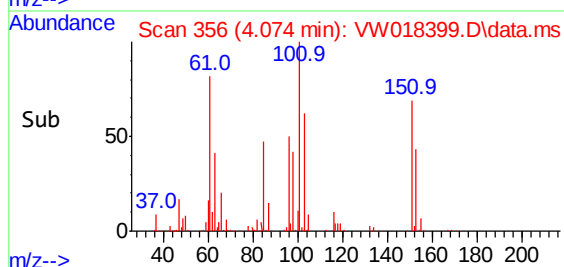
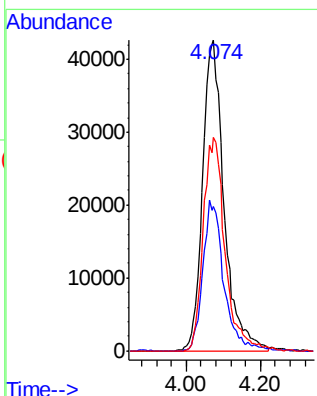
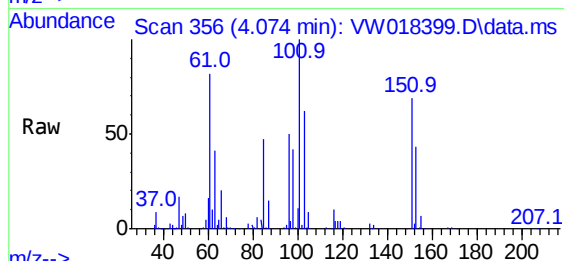




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.99 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW018399.D
 Acq: 19 Mar 2021 19:40

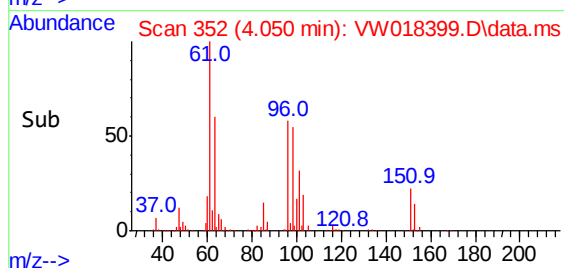
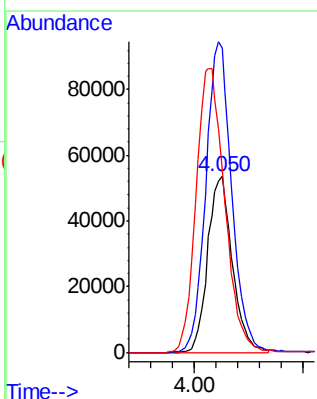
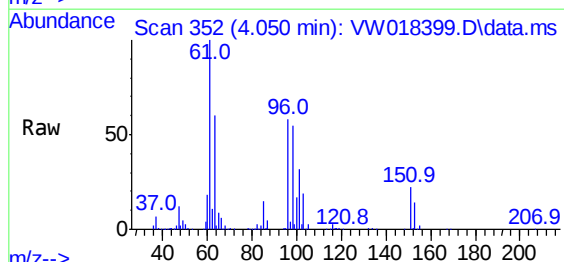
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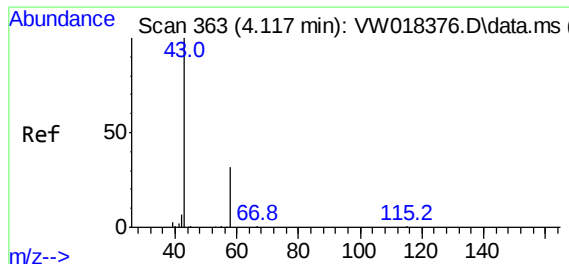
Tgt Ion:101 Resp: 170255
 Ion Ratio Lower Upper
 101 100
 85 21.1 35.6 53.4#
 151 68.7 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 25.16 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018399.D
 Acq: 19 Mar 2021 19:40

Tgt Ion: 96 Resp: 168178
 Ion Ratio Lower Upper
 96 100
 61 172.8 118.6 220.2
 63 104.1 82.4 153.0

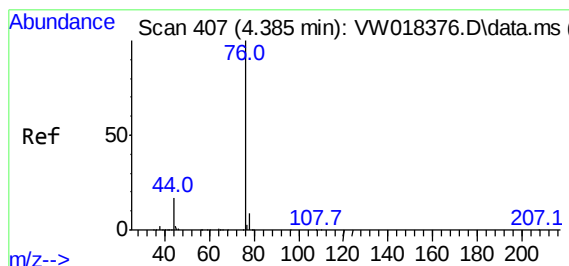
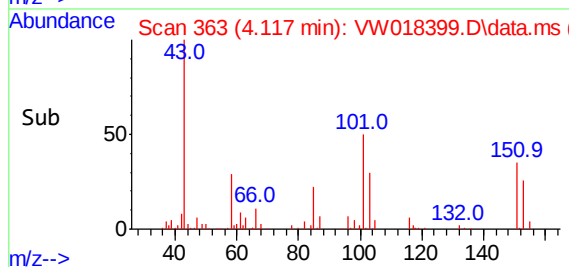
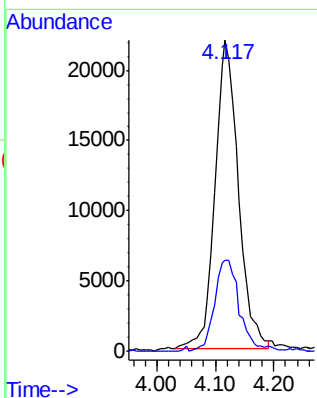
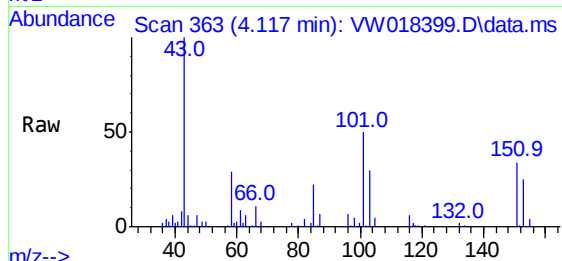




#13
Acetone
Concen: 51.68 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

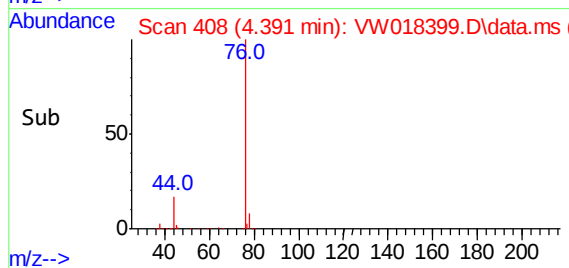
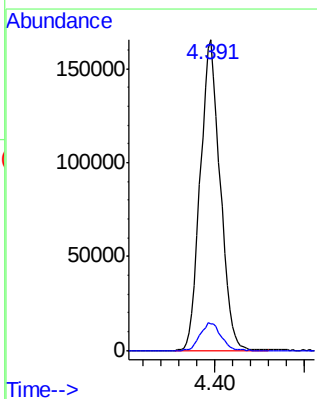
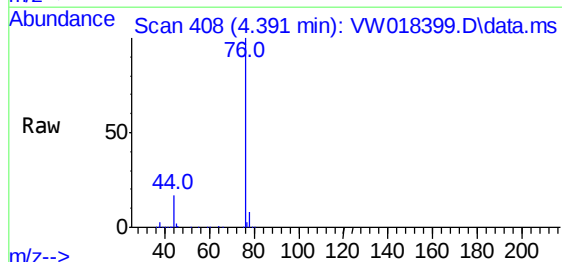
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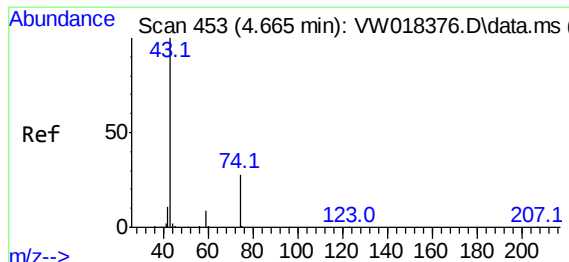
Tgt Ion: 43 Resp: 61259
Ion Ratio Lower Upper
43 100
58 31.0 0.0 62.2



#14
Carbon disulfide
Concen: 25.27 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018399.D
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Tgt Ion: 76 Resp: 508707
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

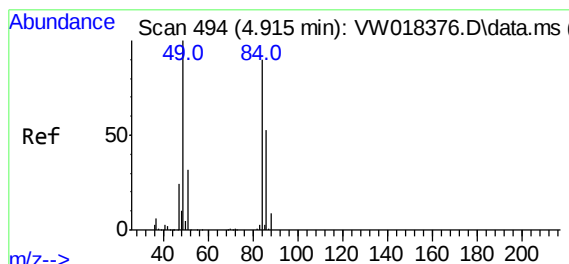
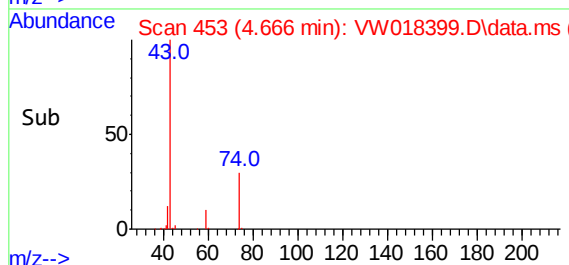
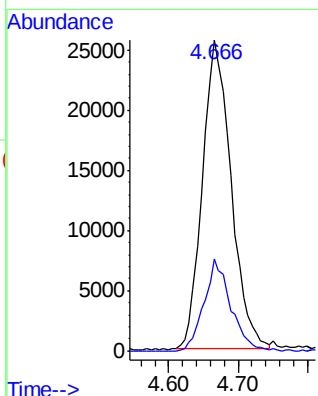
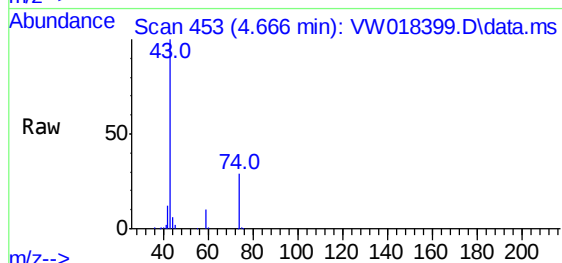




#15
Methyl Acetate
Concen: 27.25 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

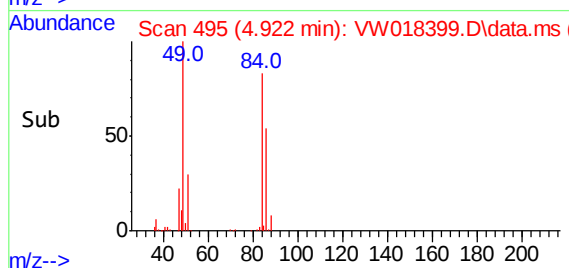
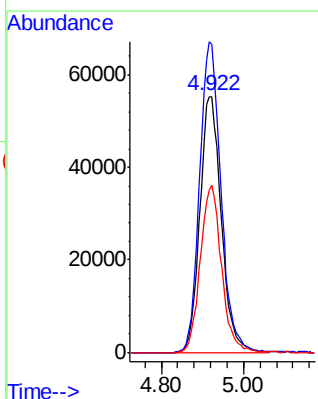
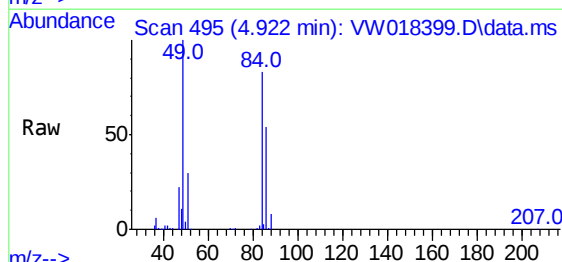
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

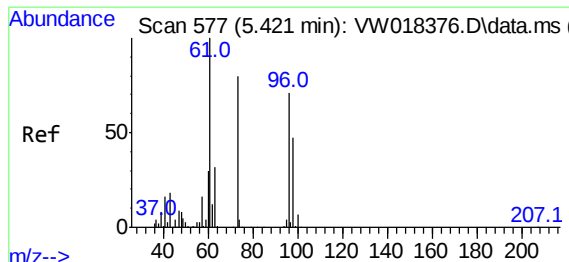
Tgt Ion: 43 Resp: 73879
Ion Ratio Lower Upper
43 100
74 27.3 22.9 34.3



#16
Methylene chloride
Concen: 22.76 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 84 Resp: 198858
Ion Ratio Lower Upper
84 100
49 120.3 74.4 138.2
86 65.2 46.1 85.7



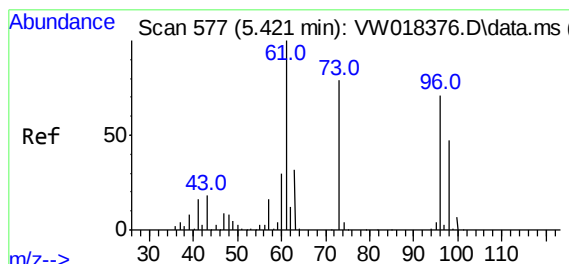
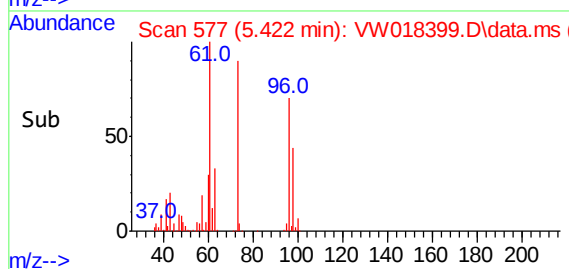
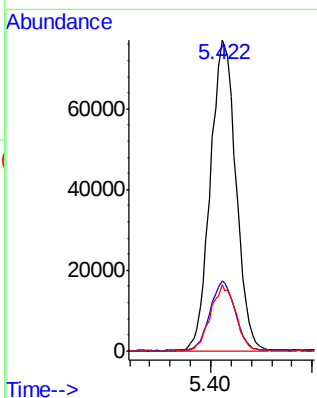
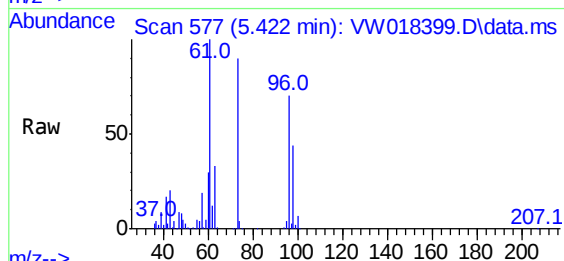


#17
Methyl tert-butyl Ether
Concen: 27.54 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

Tgt Ion: 73 Resp: 268994

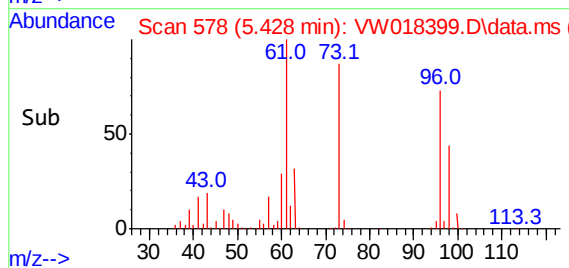
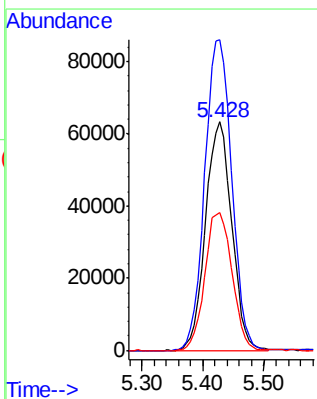
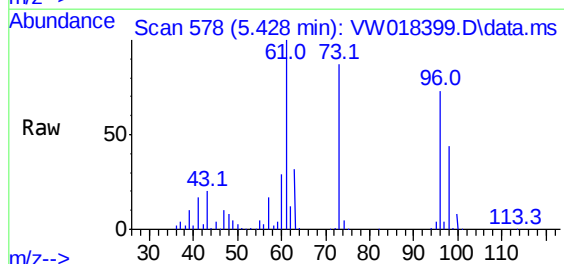
Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.6	24.8
57	20.8	15.9	23.9

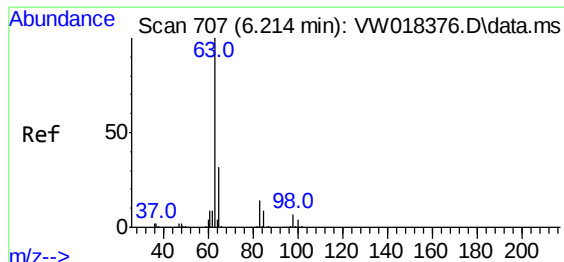


#18
trans-1,2-Dichloroethene
Concen: 25.47 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 96 Resp: 187938

Ion	Ratio	Lower	Upper
96	100		
61	136.1	93.3	173.3
98	60.2	45.2	84.0

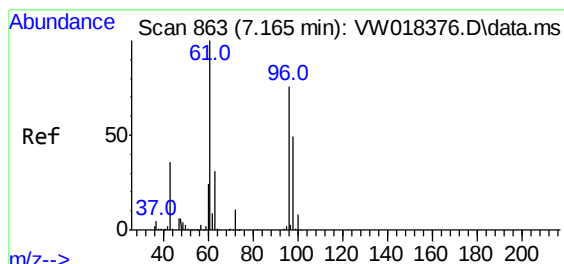
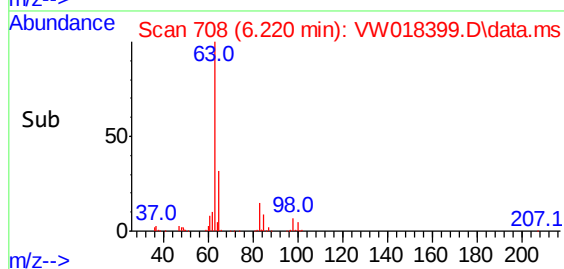
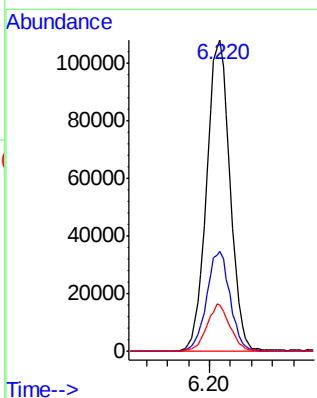
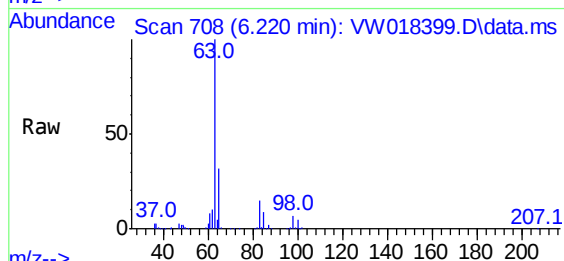




#19
1,1-Dichloroethane
Concen: 26.29 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

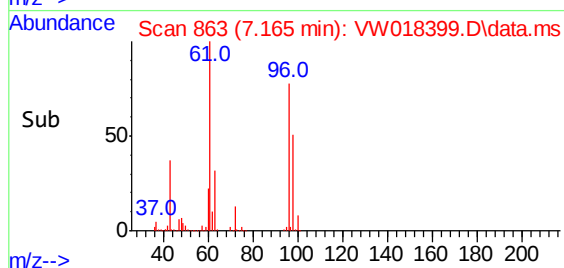
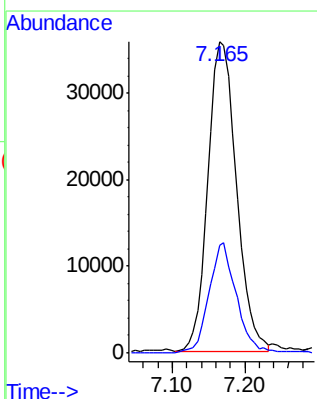
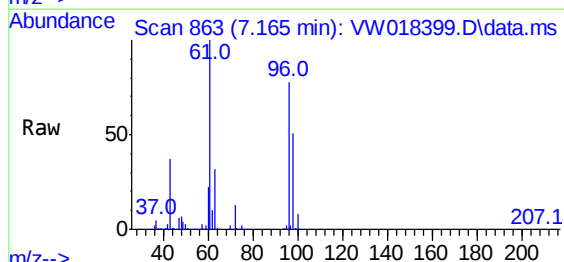
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

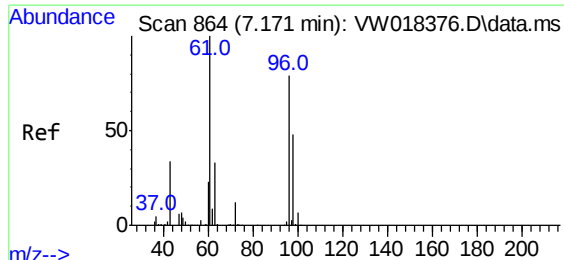
Tgt Ion: 63 Resp: 331072
Ion Ratio Lower Upper
63 100
65 32.2 23.5 43.7
83 14.9 10.3 19.1



#21
2-Butanone
Concen: 51.84 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 43 Resp: 97614
Ion Ratio Lower Upper
43 100
72 33.3 16.5 49.5

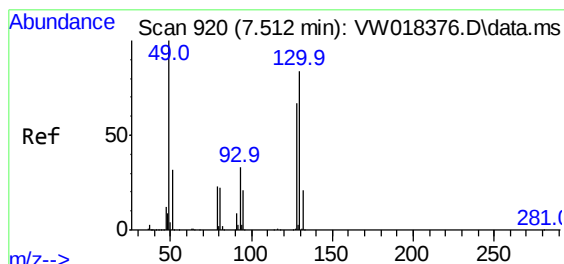
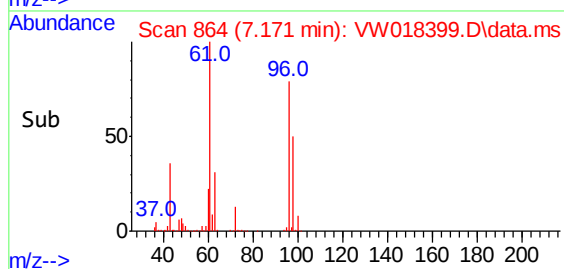
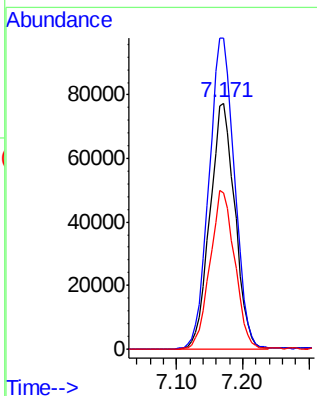
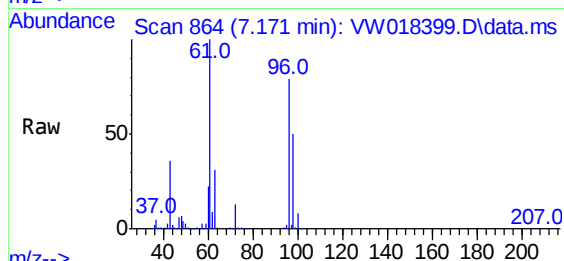




#22
cis-1,2-Dichloroethene
Concen: 25.99 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

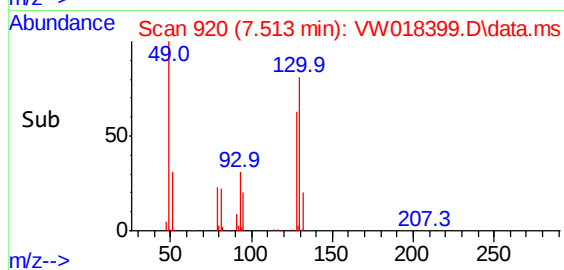
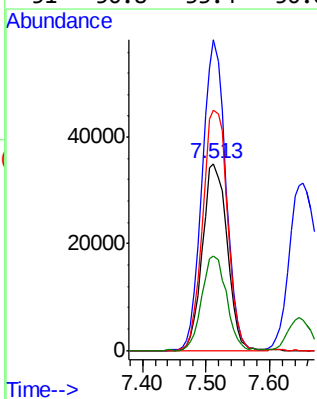
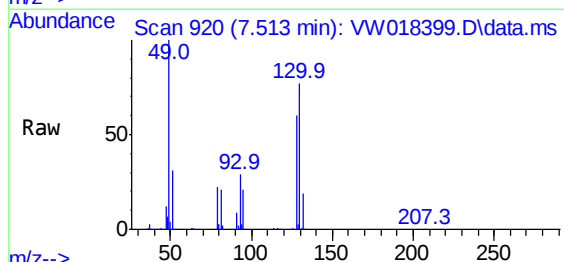
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

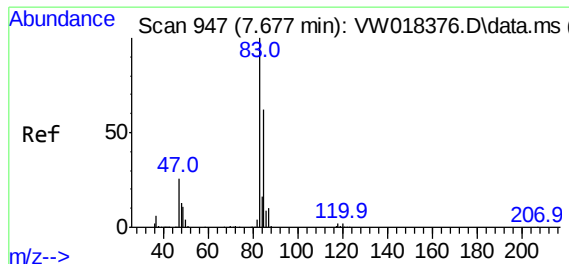
Tgt Ion: 96 Resp: 201733
Ion Ratio Lower Upper
96 100
61 126.6 84.8 157.6
98 63.3 45.1 83.9



#23
Bromochloromethane
Concen: 26.49 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion:128 Resp: 91002
Ion Ratio Lower Upper
128 100
49 166.0 92.4 171.6
130 128.3 83.9 155.7
51 50.8 33.4 50.0#

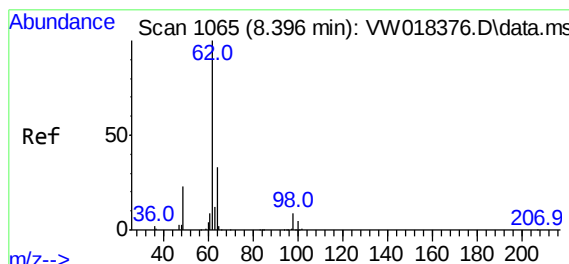
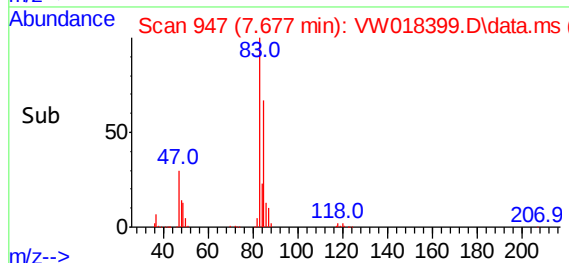
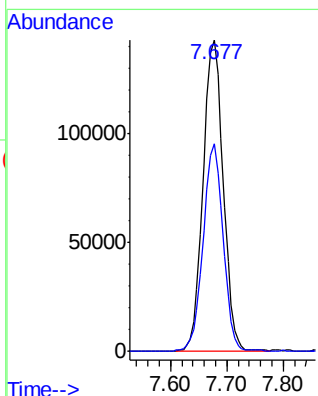
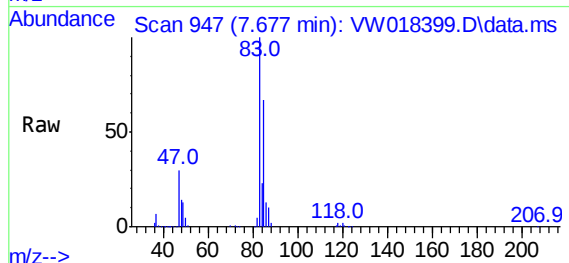




#25
Chloroform
Concen: 26.16 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

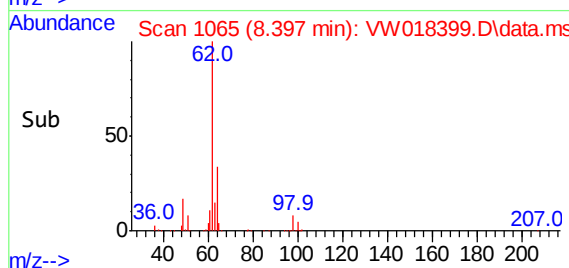
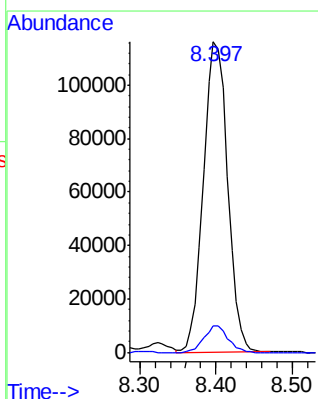
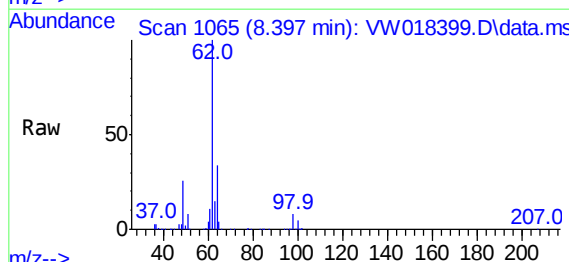
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

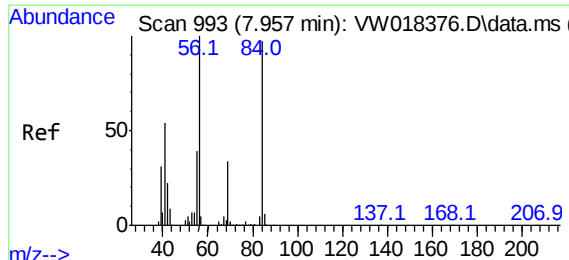
Tgt Ion: 83 Resp: 349629
Ion Ratio Lower Upper
83 100
85 65.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.08 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 62 Resp: 256750
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6

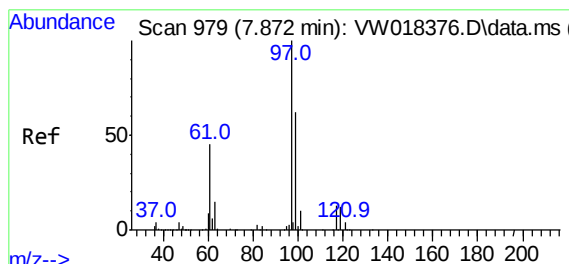
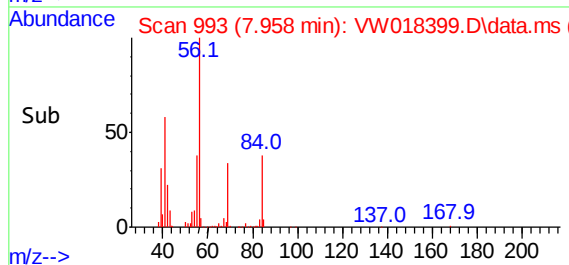
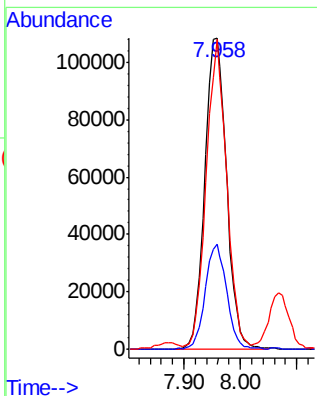
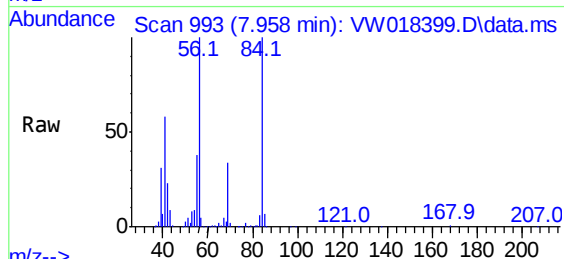




#30
Cyclohexane
Concen: 23.50 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

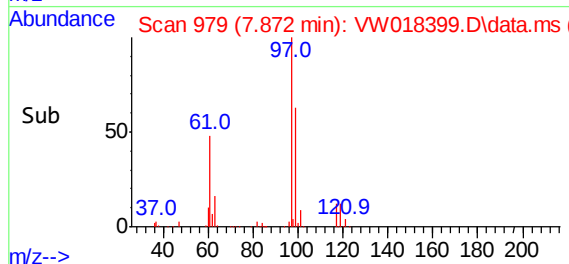
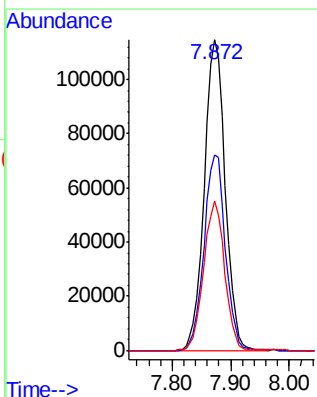
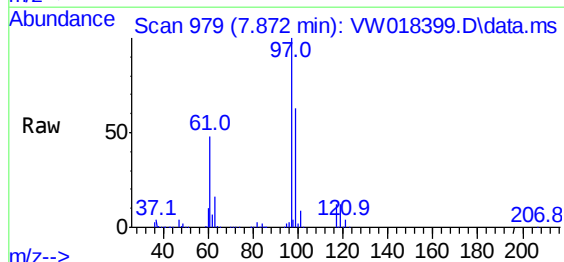
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

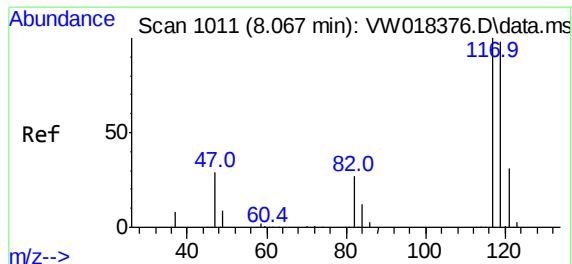
Tgt Ion: 56 Resp: 287208
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.6
84 93.9 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 24.58 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 97 Resp: 282748
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 48.2 34.8 52.2

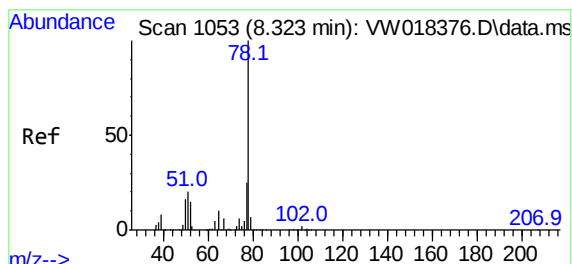
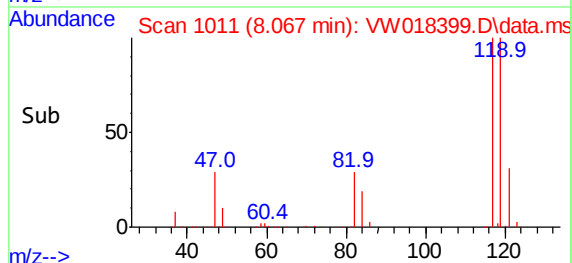
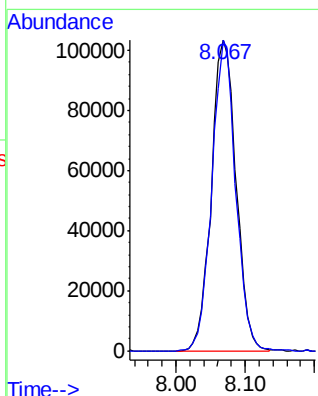
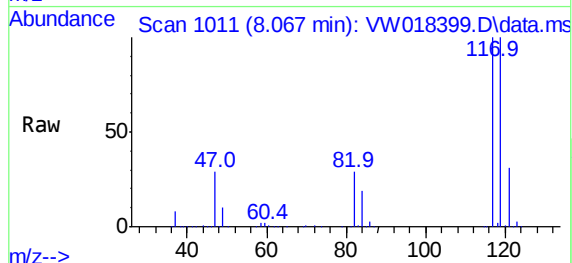




#32
Carbon tetrachloride
Concen: 23.96 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

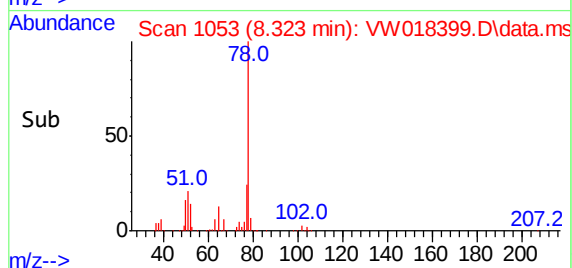
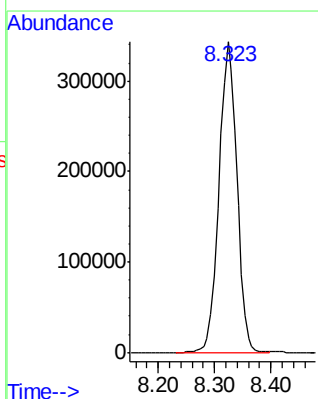
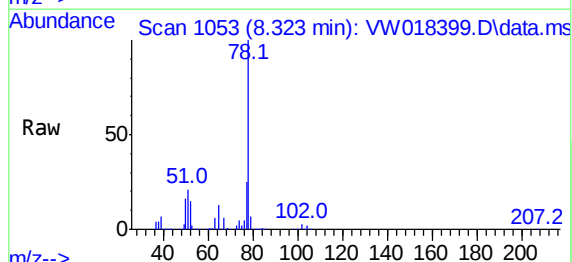
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

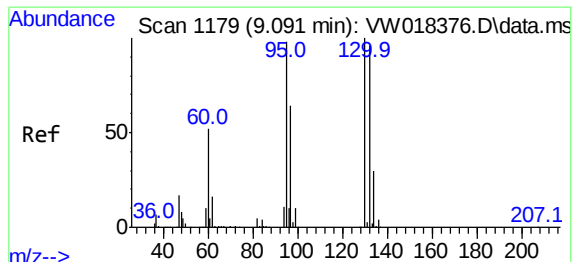
Tgt Ion:117 Resp: 256898
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1



#34
Benzene
Concen: 25.50 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 78 Resp: 760050



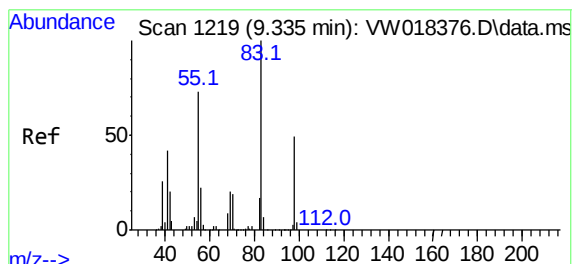
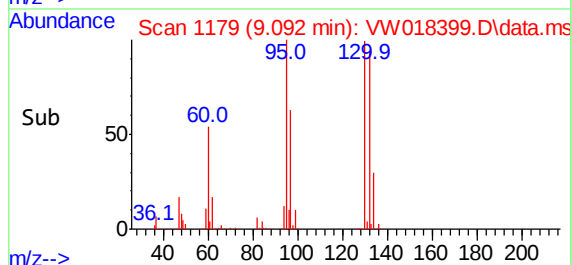
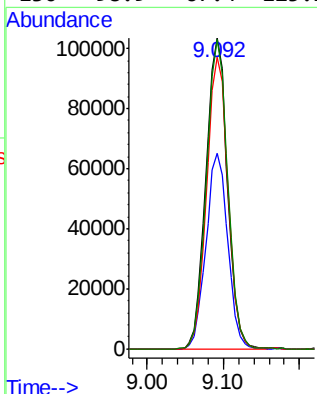
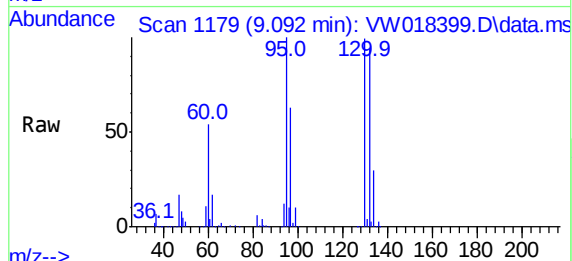


#35
Trichloroethene
Concen: 24.53 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

Tgt Ion: 95 Resp: 201987

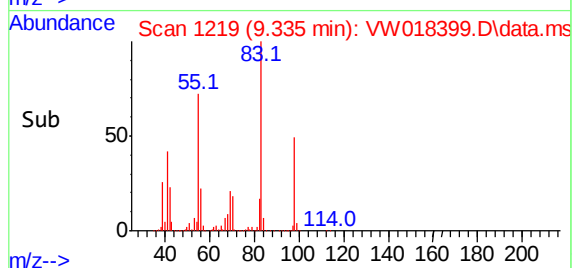
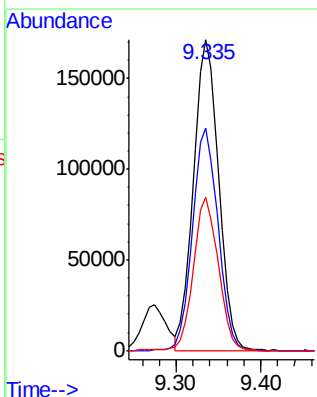
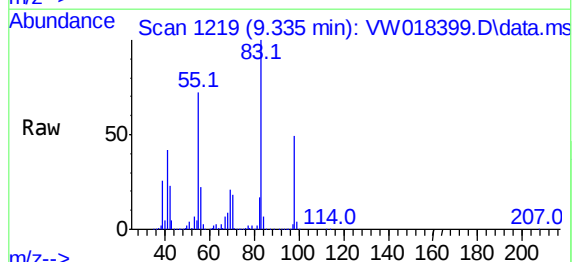
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.4	82.4
132	93.2	65.9	122.5
130	98.9	67.4	125.2

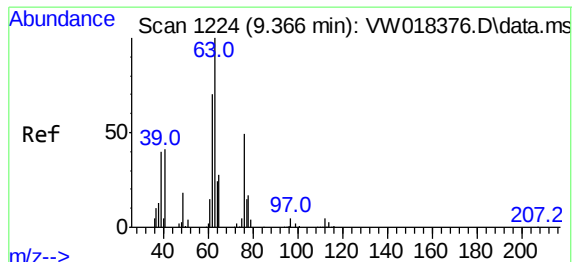


#36
Methylcyclohexane
Concen: 23.88 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 83 Resp: 344433

Ion	Ratio	Lower	Upper
83	100		
55	72.5	56.8	85.2
98	48.3	40.6	61.0

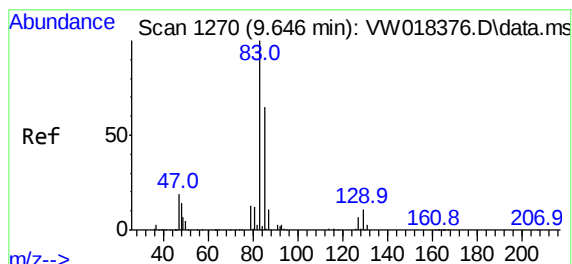
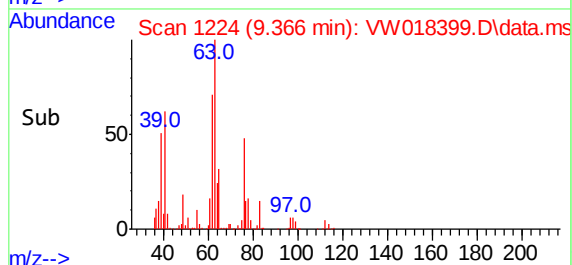
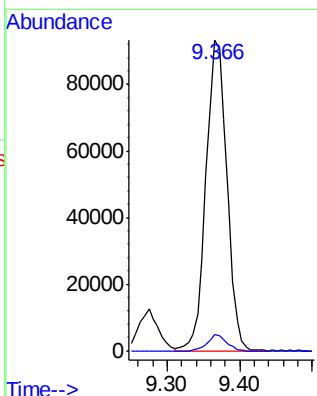
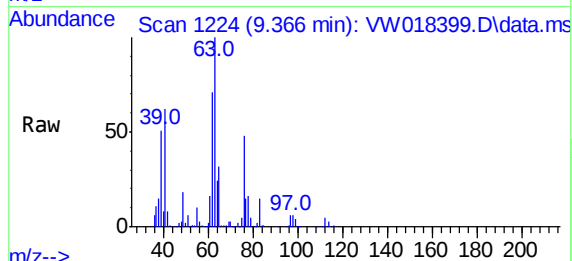




#40
1,2-Dichloropropane
Concen: 25.49 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

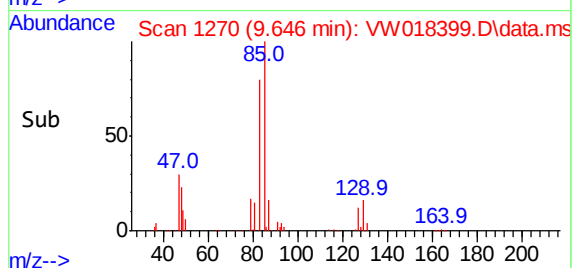
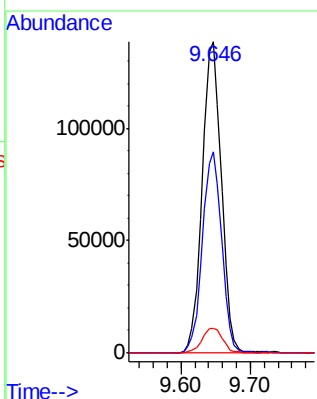
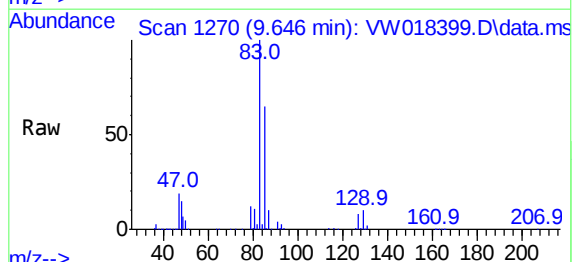
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

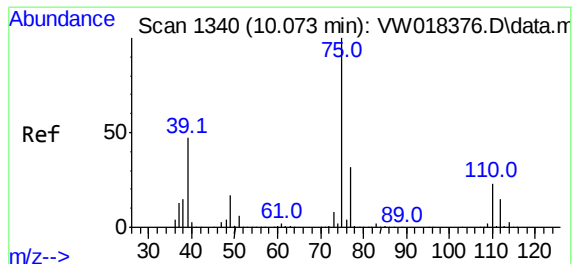
Tgt Ion: 63 Resp: 185912
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 25.50 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 83 Resp: 262870
Ion Ratio Lower Upper
83 100
85 64.6 43.8 81.4
127 7.7 6.9 10.3

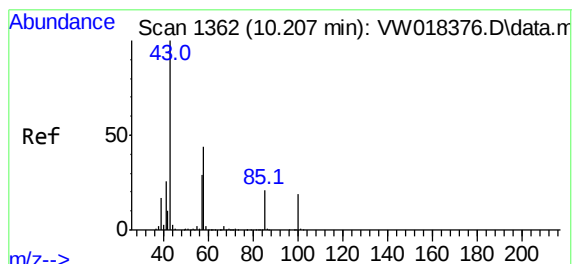
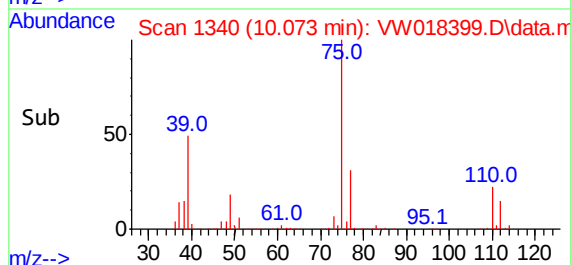
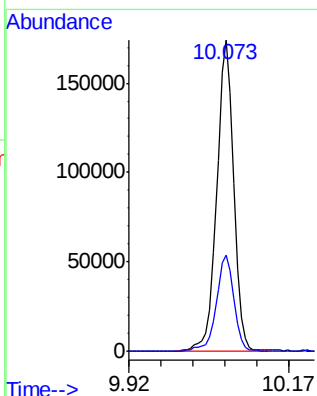
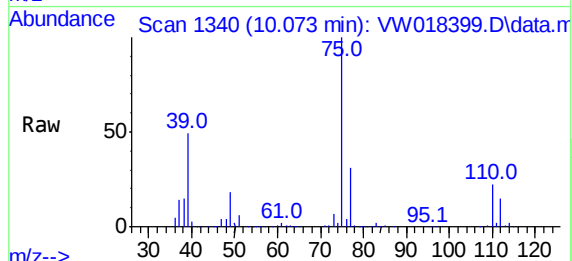




#42
cis-1,3-Dichloropropene
Concen: 25.33 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

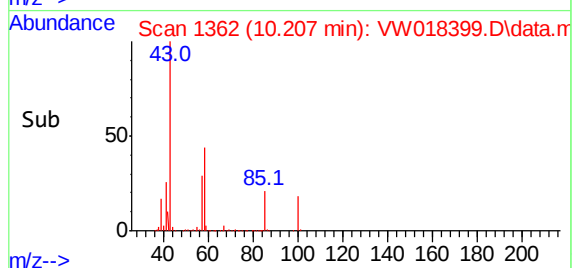
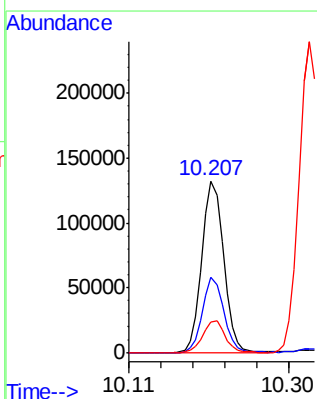
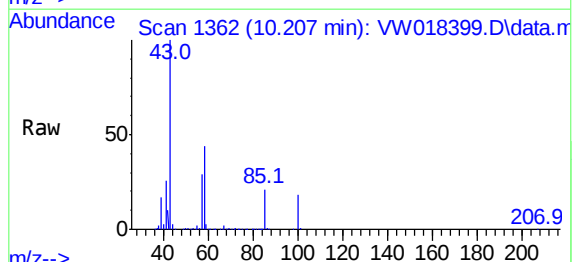
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

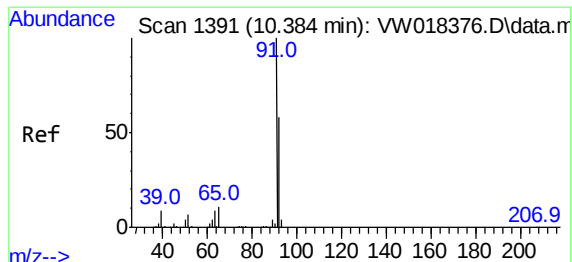
Tgt Ion: 75 Resp: 312362
Ion Ratio Lower Upper
75 100
77 30.7 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 52.25 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 43 Resp: 229127
Ion Ratio Lower Upper
43 100
58 42.8 34.8 52.2
100 18.4 15.9 23.9





#44

Toluene

Concen: 25.37 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW018399.D

Acq: 19 Mar 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

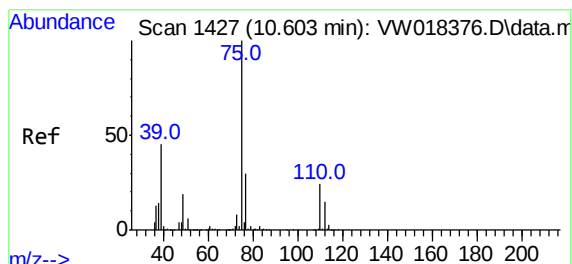
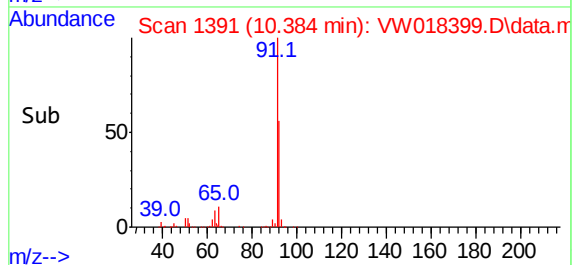
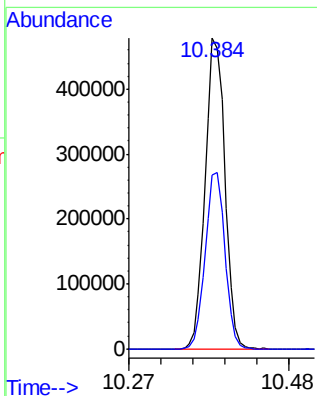
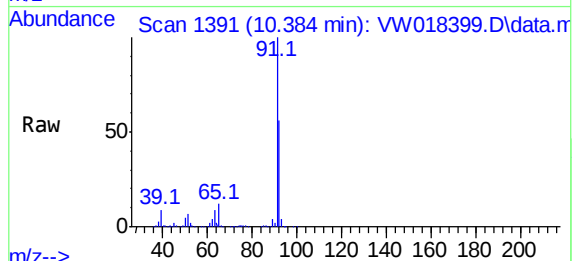
VSTD02506

Tgt Ion: 91 Resp: 859757

Ion Ratio Lower Upper

91 100

92 56.1 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 26.03 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018399.D

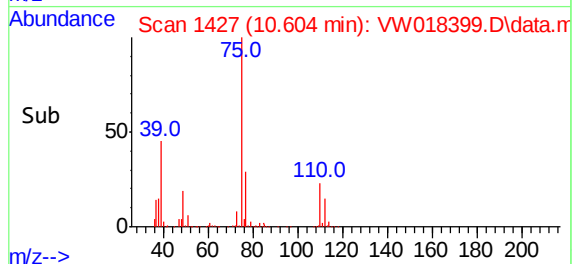
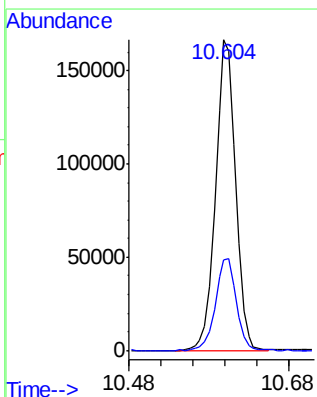
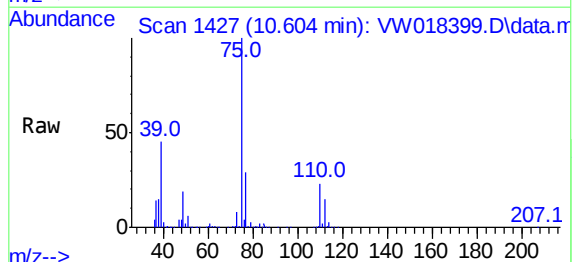
Acq: 19 Mar 2021 19:40

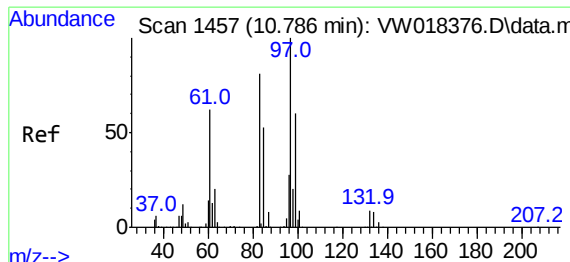
Tgt Ion: 75 Resp: 288267

Ion Ratio Lower Upper

75 100

77 29.2 22.6 42.0



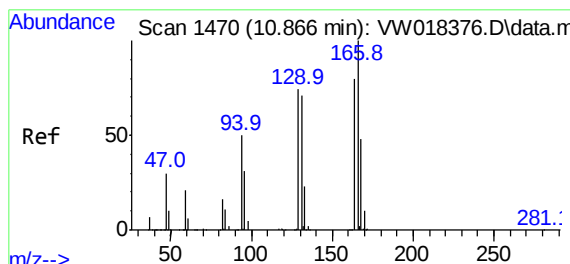
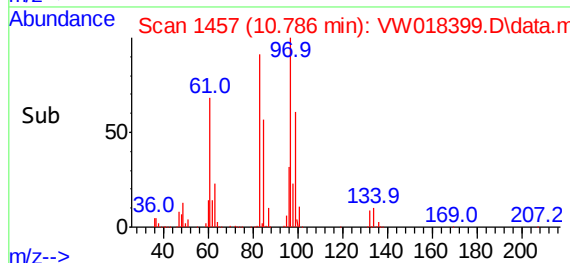
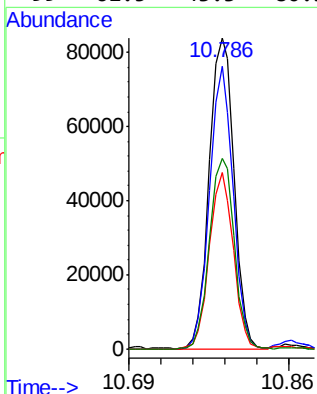
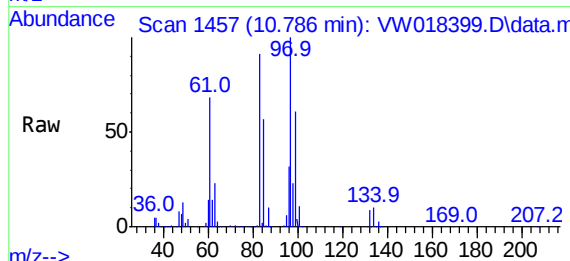


#46
1,1,2-Trichloroethane
Concen: 25.79 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

Tgt Ion: 97 Resp: 149968

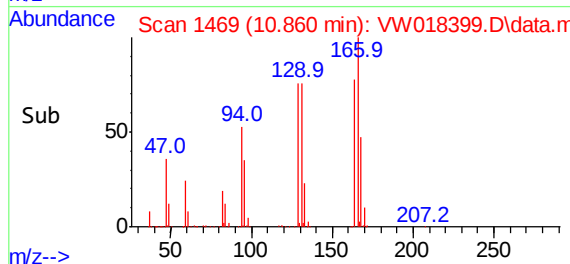
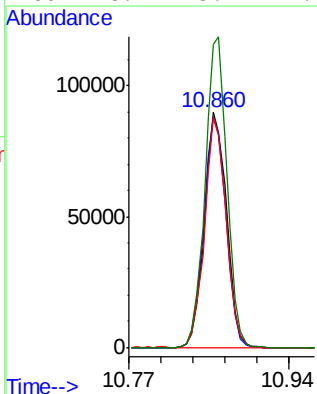
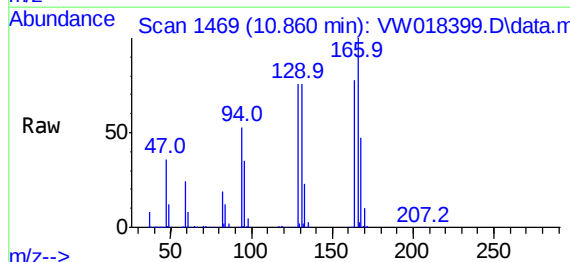
Ion	Ratio	Lower	Upper
97	100		
83	91.1	58.9	109.5
85	56.8	38.4	71.4
99	61.5	43.3	80.3

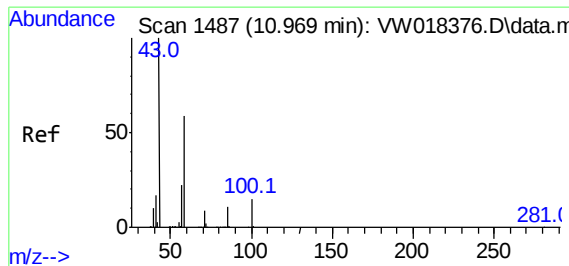


#47
Tetrachloroethene
Concen: 24.64 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 164 Resp: 154077

Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.8	127.8
131	97.8	68.3	126.8
166	128.9	95.4	177.2



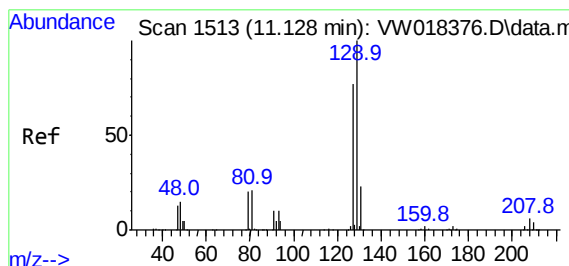
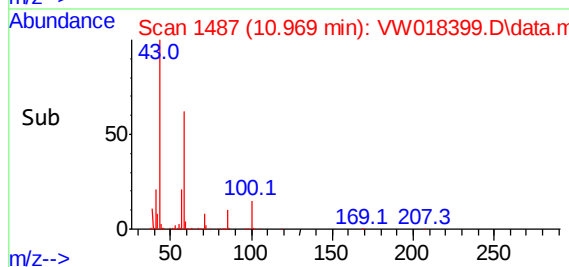
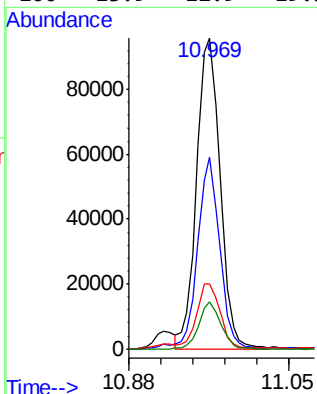
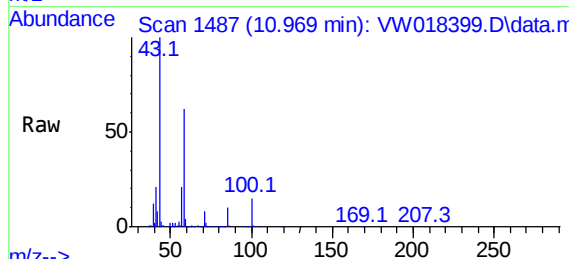


#49
2-Hexanone
Concen: 52.46 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

Tgt Ion: 43 Resp: 162791

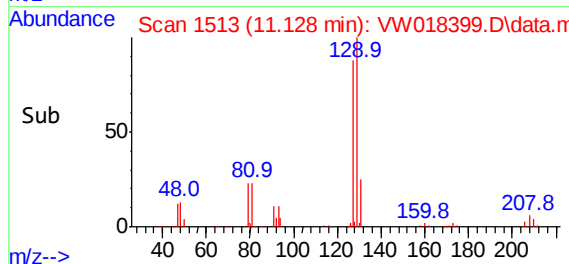
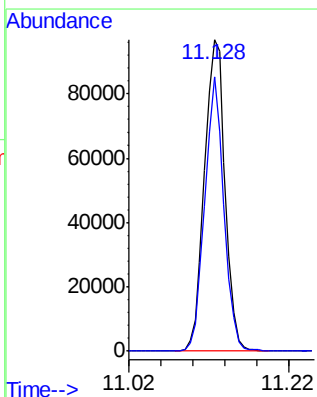
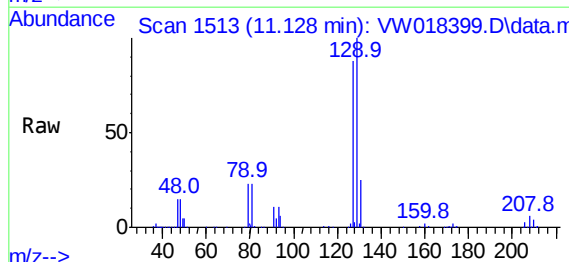
Ion	Ratio	Lower	Upper
43	100		
58	57.6	47.3	70.9
57	21.2	17.3	25.9
100	13.9	12.9	19.3

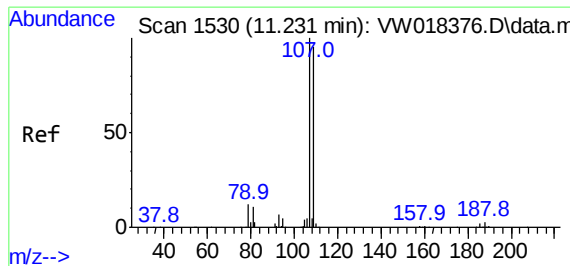


#50
Dibromochloromethane
Concen: 25.24 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 129 Resp: 173025

Ion	Ratio	Lower	Upper
129	100		
127	87.9	58.0	107.6

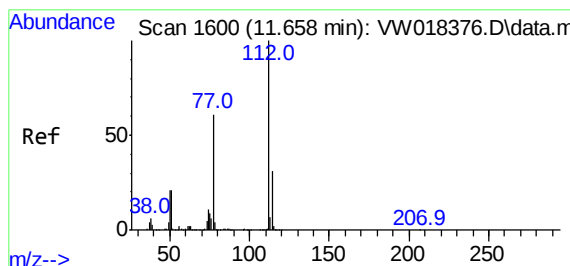
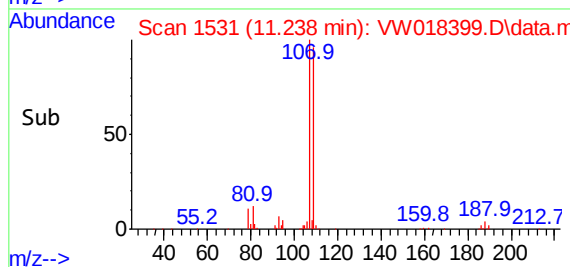
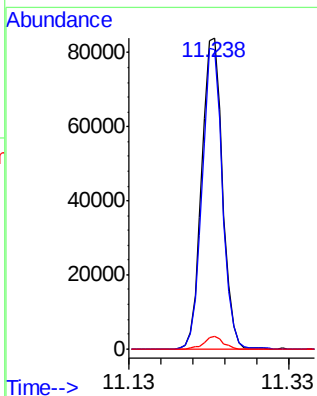
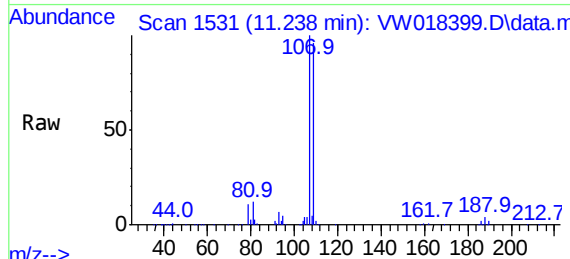




#51
1,2-Dibromoethane
Concen: 26.12 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

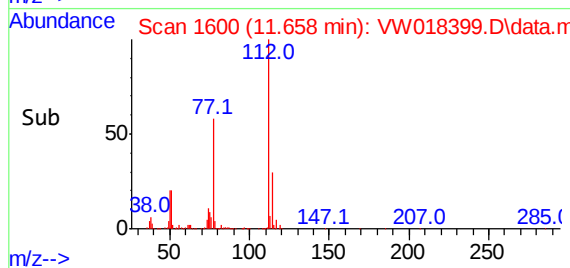
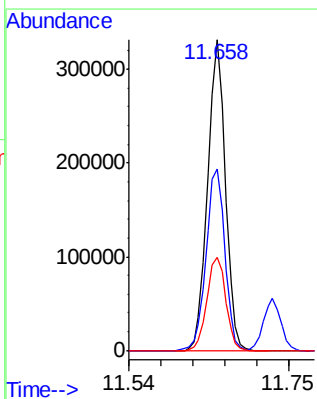
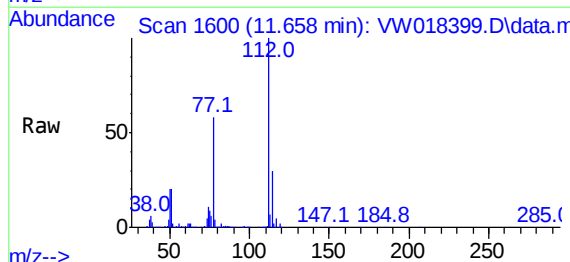
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

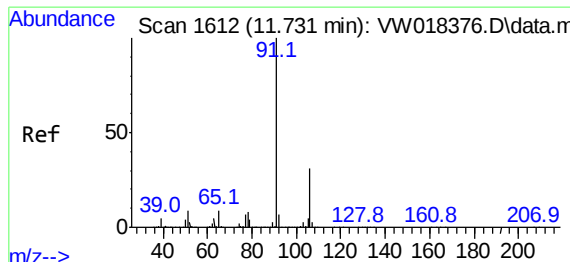
Tgt Ion:107 Resp: 150395
Ion Ratio Lower Upper
107 100
109 96.3 65.9 122.5
188 4.0 3.0 4.4



#52
Chlorobenzene
Concen: 24.86 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion:112 Resp: 534348
Ion Ratio Lower Upper
112 100
77 58.2 45.4 68.2
114 29.8 22.5 41.9

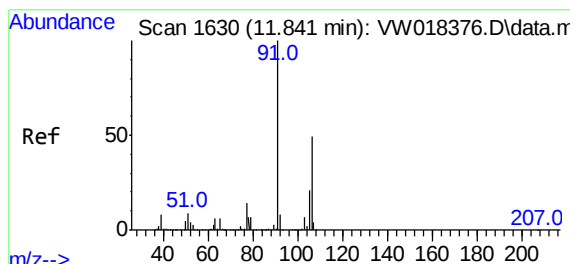
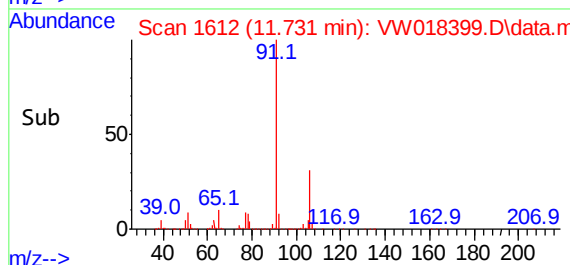
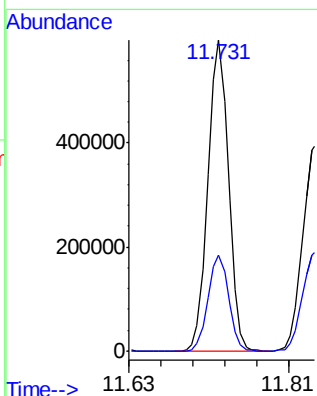
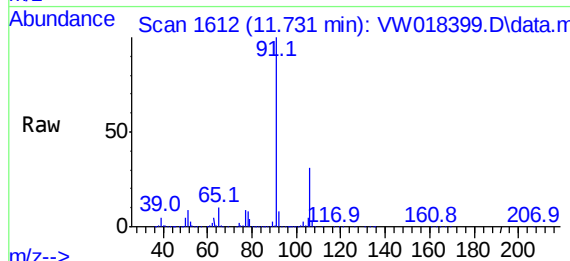




#53
Ethylbenzene
Concen: 25.02 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

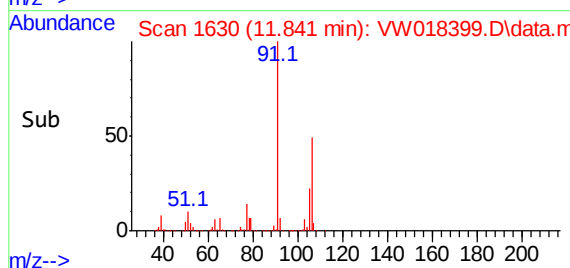
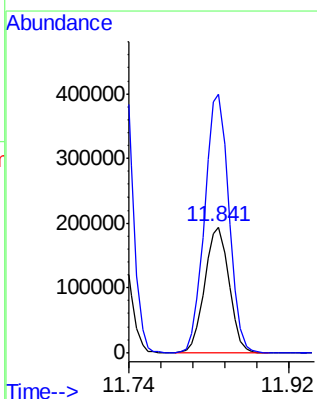
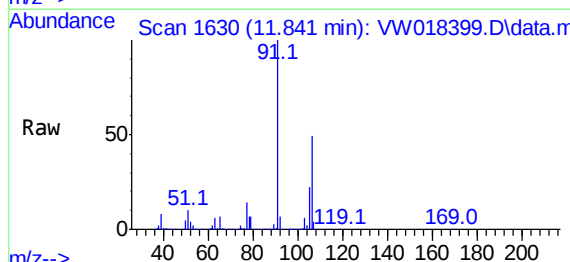
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

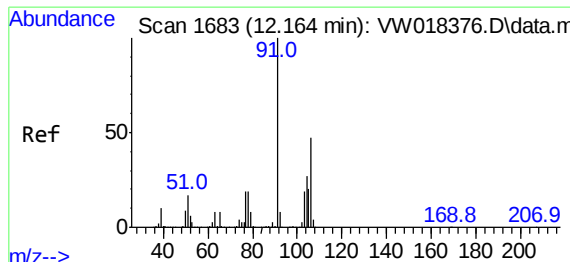
Tgt Ion: 91 Resp: 955976
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#54
m,p-Xylene
Concen: 25.03 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 106 Resp: 365409
Ion Ratio Lower Upper
106 100
91 205.9 145.3 269.8

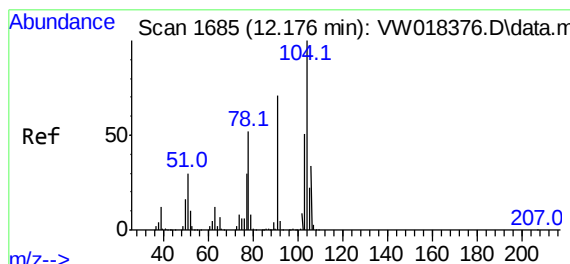
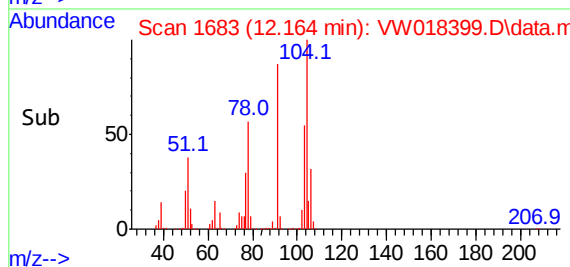
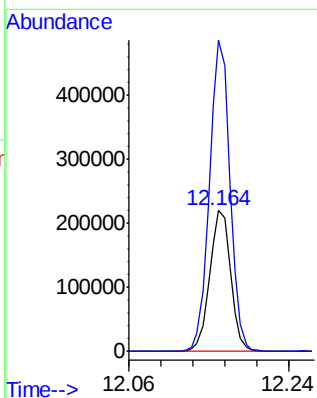
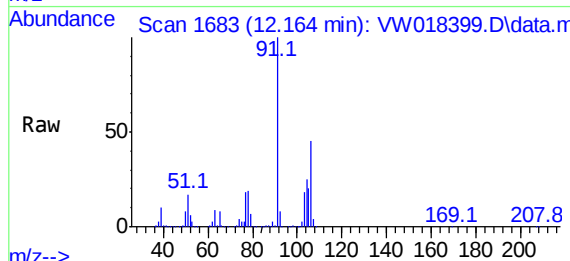




#55
o-xylene
Concen: 25.38 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

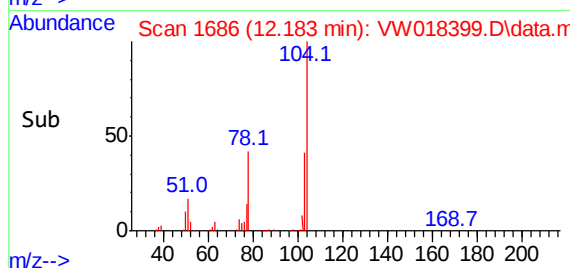
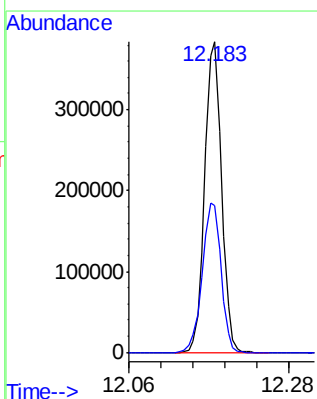
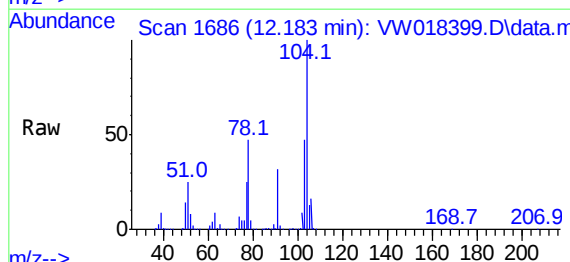
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

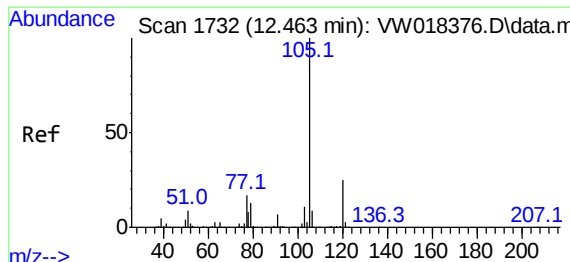
Tgt Ion:106 Resp: 353240
Ion Ratio Lower Upper
106 100
91 221.4 154.3 286.5



#56
Styrene
Concen: 26.02 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion:104 Resp: 617674
Ion Ratio Lower Upper
104 100
78 47.5 34.7 64.5



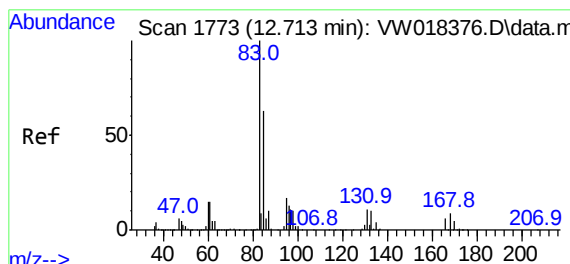
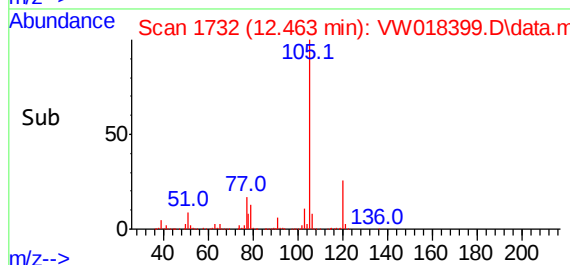
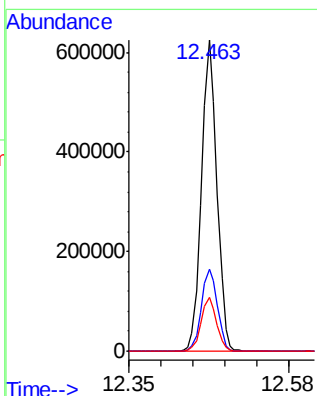
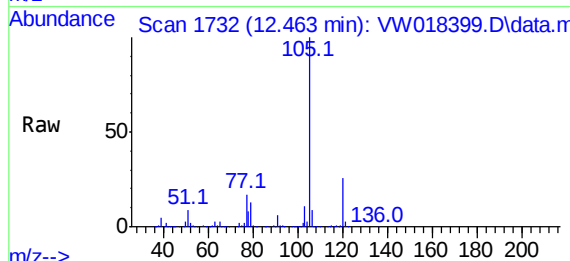


#57
Isopropylbenzene
Concen: 25.04 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

Tgt Ion: 105 Resp: 947924

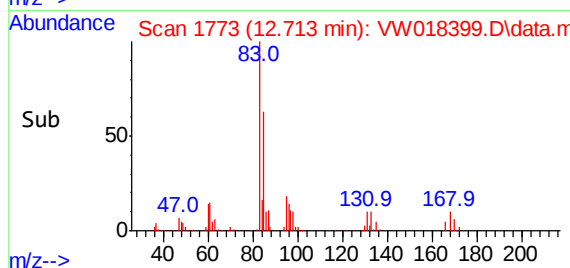
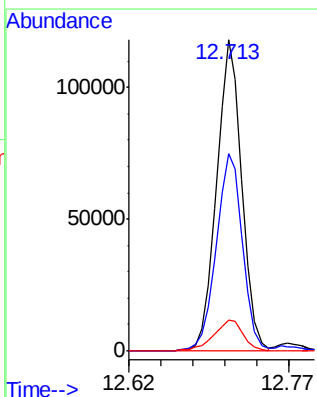
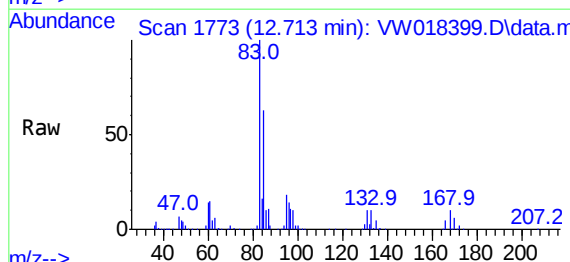
Ion	Ratio	Lower	Upper
105	100		
120	27.1	20.9	31.3
77	17.0	13.2	19.8

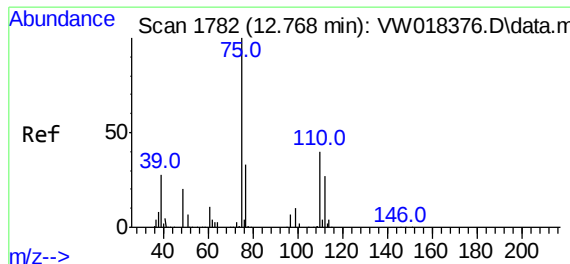


#58
1,1,2,2-Tetrachloroethane
Concen: 26.78 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 83 Resp: 188473

Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.0	91.0
131	9.9	8.7	13.1

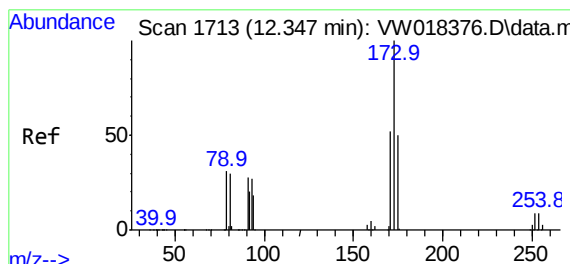
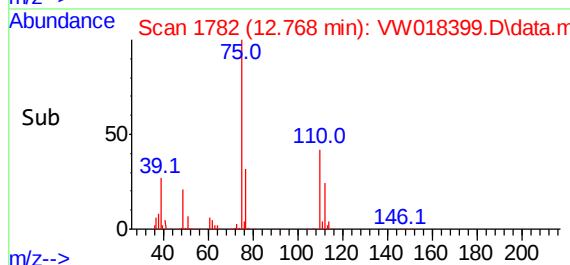
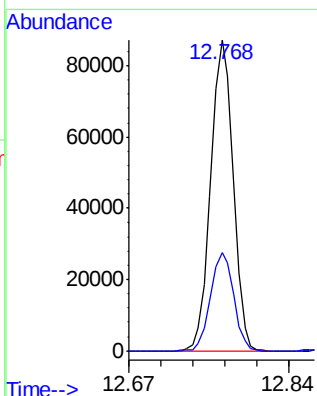
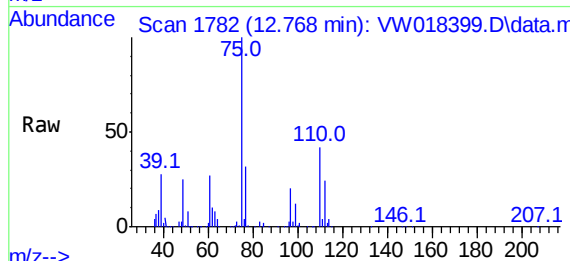




#59
1,2,3-Trichloropropane
Concen: 26.50 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

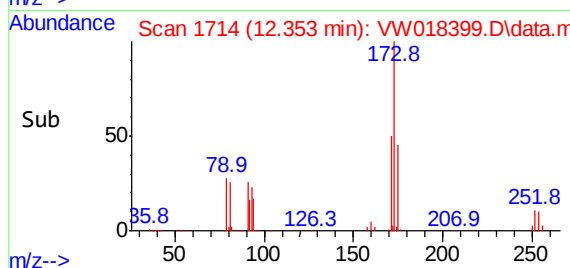
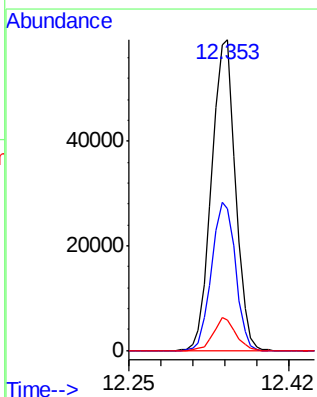
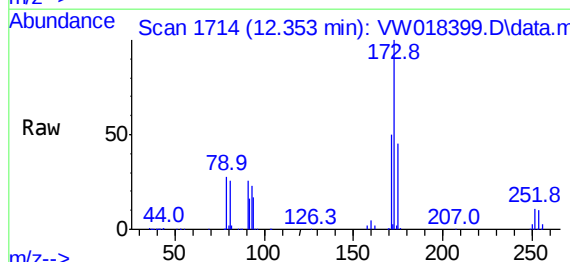
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

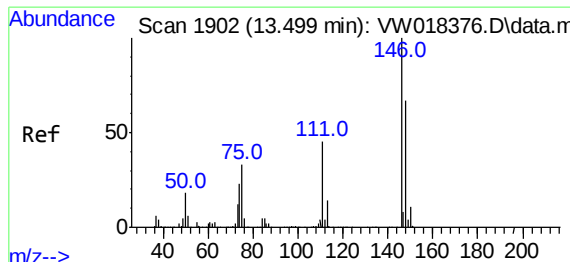
Tgt Ion: 75 Resp: 140812
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4



#62
Bromoform
Concen: 26.87 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 173 Resp: 102083
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 9.8 6.0 9.0#

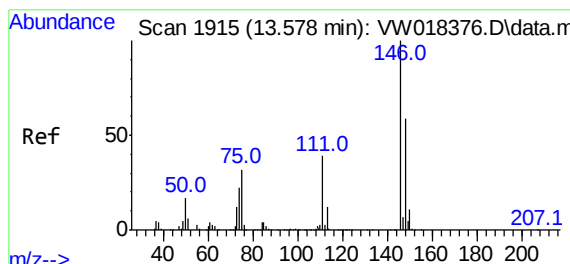
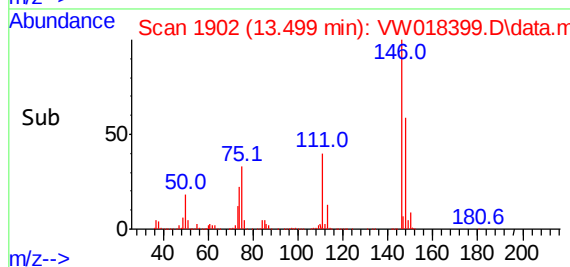
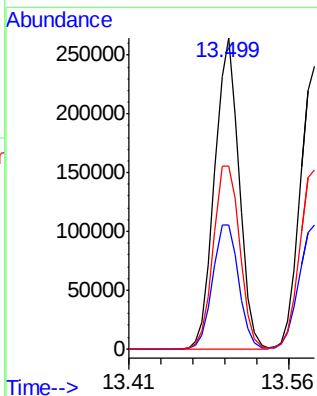
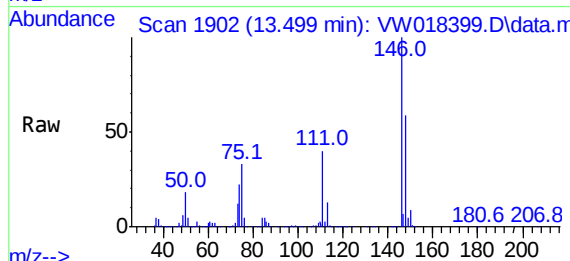




#63
1,3-Dichlorobenzene
Concen: 25.98 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

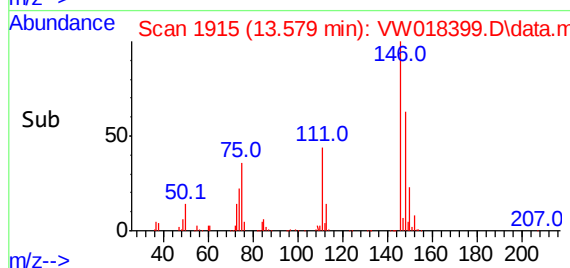
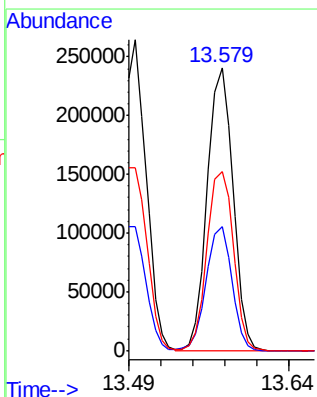
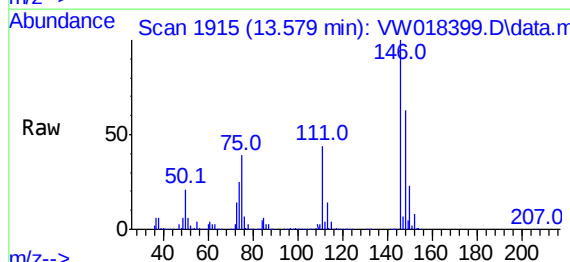
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

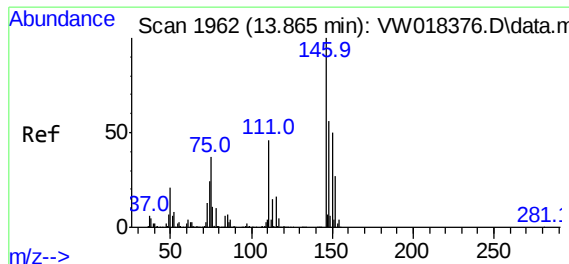
Tgt Ion:146 Resp: 411998
Ion Ratio Lower Upper
146 100
111 40.0 27.5 51.1
148 58.7 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 24.70 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion:146 Resp: 395240
Ion Ratio Lower Upper
146 100
111 43.6 28.3 52.5
148 63.2 47.3 87.9

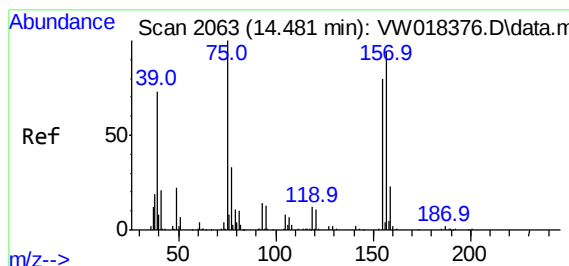
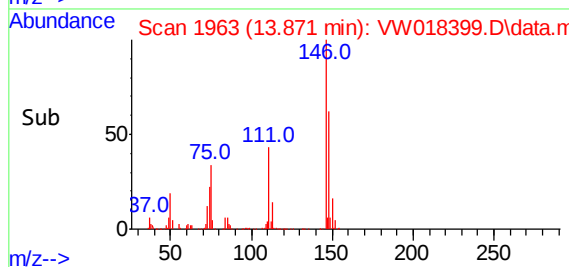
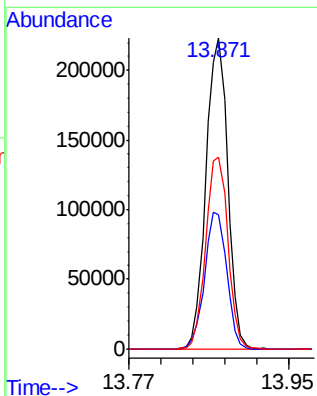
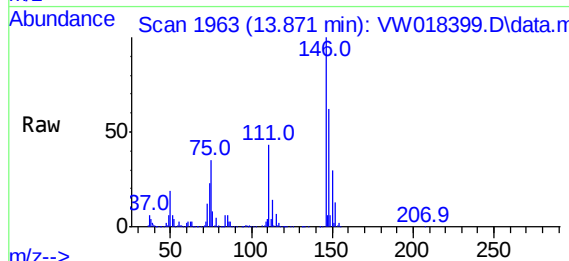




#65
1,2-Dichlorobenzene
Concen: 26.60 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

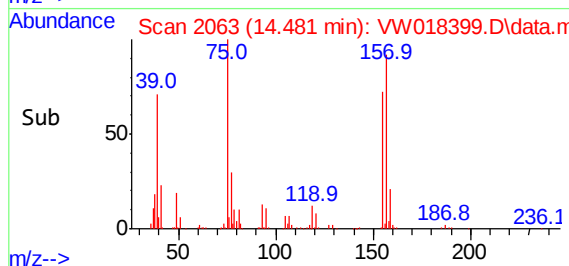
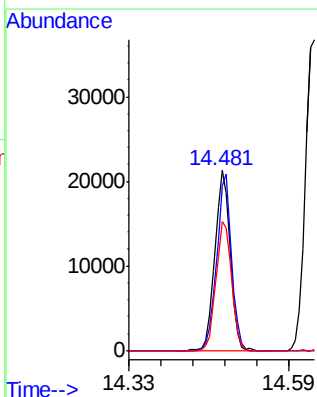
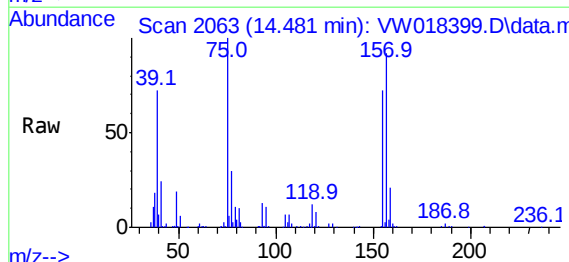
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

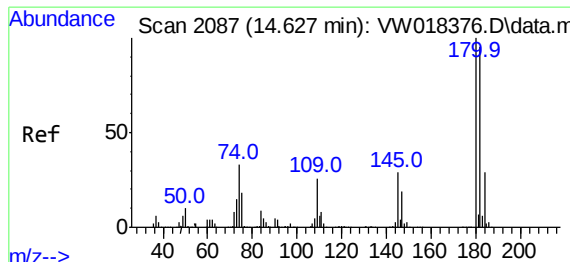
Tgt Ion:146 Resp: 376934
Ion Ratio Lower Upper
146 100
111 43.1 36.0 54.0
148 61.6 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 26.63 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion: 75 Resp: 34106
Ion Ratio Lower Upper
75 100
157 91.9 65.2 97.8
155 72.0 60.1 90.1

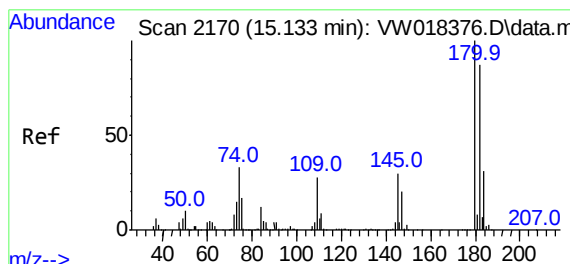
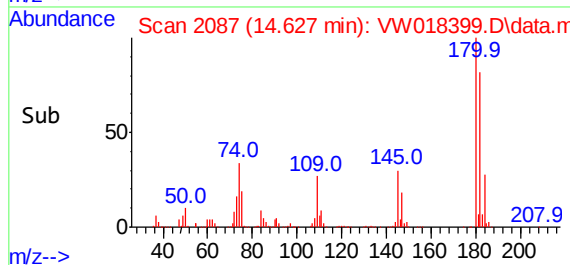
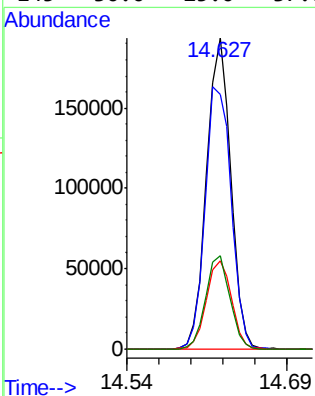
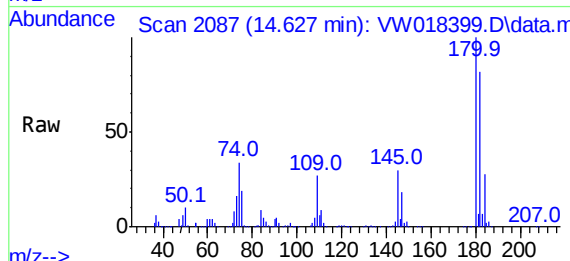




#67
1,3,5-Trichlorobenzene
Concen: 25.89 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

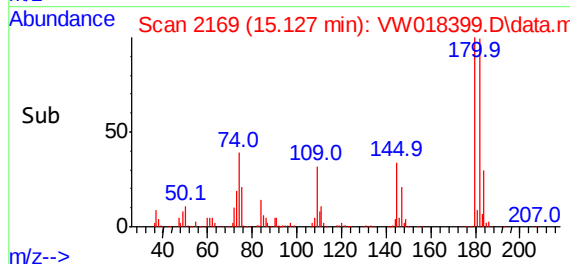
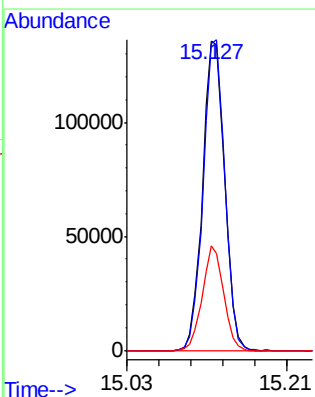
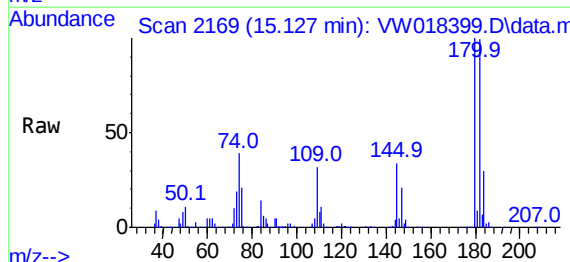
Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

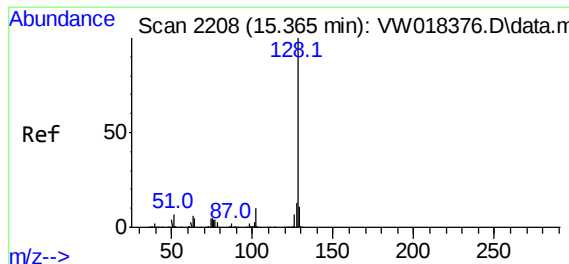
Tgt Ion:180 Resp: 296058
Ion Ratio Lower Upper
180 100
182 91.1 71.8 107.8
184 29.3 23.5 35.3
145 30.0 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 23.79 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion:180 Resp: 231522
Ion Ratio Lower Upper
180 100
182 98.3 70.2 105.4
145 32.5 24.9 37.3

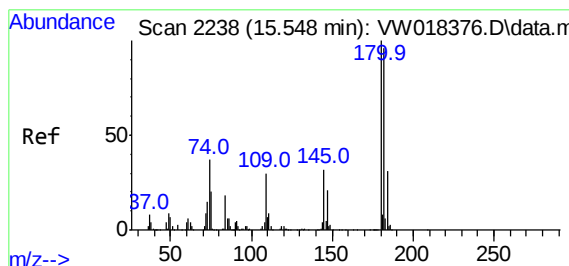
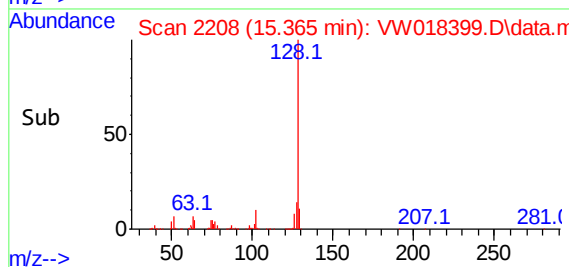
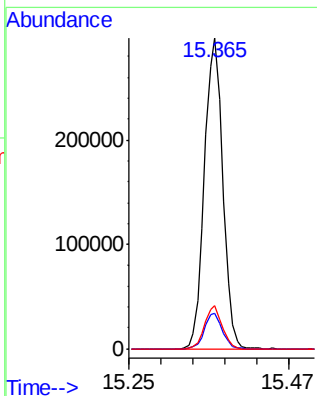
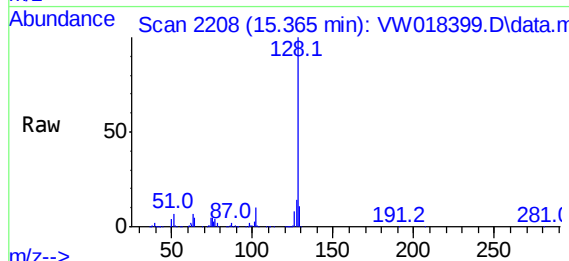




#69
Naphthalene
Concen: 25.79 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD02506

Tgt Ion:128 Resp: 522485
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.21 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018399.D
Acq: 19 Mar 2021 19:40

Tgt Ion:180 Resp: 214041
Ion Ratio Lower Upper
180 100
182 91.8 76.5 114.7
145 34.0 27.7 41.5

