

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
 Data File : VW018312.D
 Acq On : 12 Mar 2021 11:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02501

Quant Time: Mar 13 00:31:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 00:26:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	246150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	223211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	107226	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	63886	23.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.88%		
7) Chloroethane-d5	2.898	69	53157	24.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.24%		
10) 1,1-Dichloroethene-d2	4.032	63	158815	25.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	102.56%		
20) 2-Butanone-d5	7.086	46	24705	38.98	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.96%		
24) Chloroform-d	7.647	84	168385	25.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.00%		
26) 1,2-Dichloroethane-d4	8.305	65	84190	22.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.76%		
29) Benzene-d6	8.275	84	289366	24.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.40%		
33) 1,2-Dichloropropane-d6	9.275	67	79564	24.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.64%		
37) Toluene-d8	10.323	98	280756	24.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.92%		
38) trans-1,3-Dichloroprop...	10.579	79	35685	21.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.44%		
39) 2-Hexanone-d5	10.921	63	22246	40.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.22%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	60678	21.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.20%		
61) 1,2-Dichlorobenzene-d4	13.847	152	90239	23.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	89232	26.13	ug/L	99
3) Chloromethane	2.221	50	57535	25.69	ug/L	99
5) Vinyl chloride	2.367	62	93800	27.27	ug/L	98
6) Bromomethane	2.788	94	66558	26.02	ug/L	100
8) Chloroethane	2.934	64	53064	26.88	ug/L	96
9) Trichlorofluoromethane	3.270	101	85498	29.48	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	96963	27.66	ug/L	99
12) 1,1-Dichloroethene	4.050	96	91150	28.18	ug/L	91
13) Acetone	4.141	43	17933	36.20	ug/L	93
14) Carbon disulfide	4.391	76	259776	27.57	ug/L	99
15) Methyl Acetate	4.678	43	22730	21.23	ug/L	100
16) Methylene chloride	4.922	84	86268	22.96	ug/L	94
17) Methyl tert-butyl Ether	5.428	73	91241	24.59	ug/L #	80
18) trans-1,2-Dichloroethene	5.422	96	95860	27.89	ug/L	93
19) 1,1-Dichloroethane	6.220	63	156333	27.75	ug/L	97
21) 2-Butanone	7.177	43	28591	41.67	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	94663	26.32	ug/L	98
23) Bromochloromethane	7.513	128	42065	25.99	ug/L	95
25) Chloroform	7.677	83	179485	27.80	ug/L	98
27) 1,2-Dichloroethane	8.403	62	108836	25.42	ug/L	98

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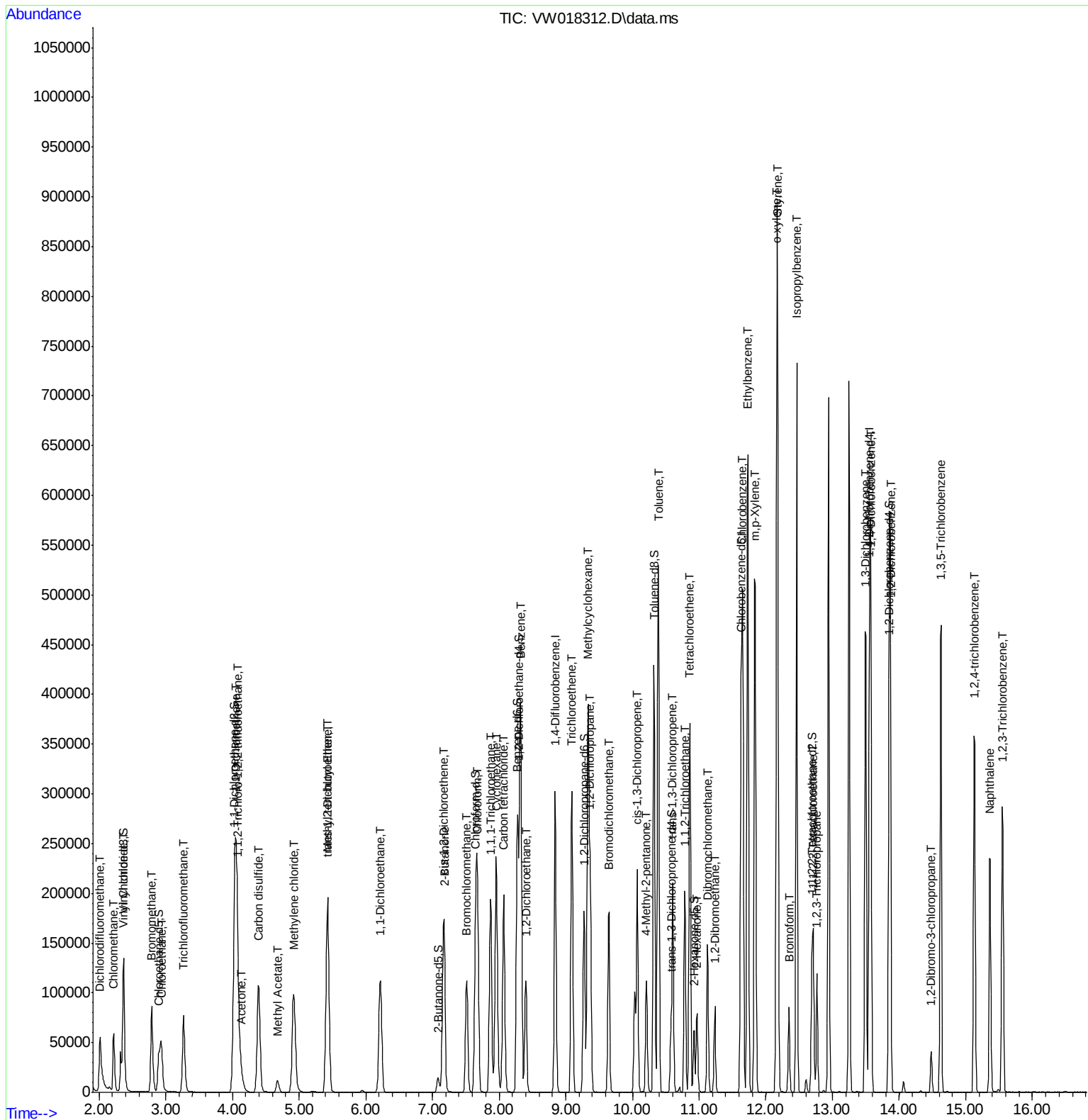
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	132106	27.43	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	154966	28.13	ug/L	100
32) Carbon tetrachloride	8.067	117	146199	27.56	ug/L	99
34) Benzene	8.324	78	353942	27.56	ug/L	100
35) Trichloroethene	9.092	95	103315	27.44	ug/L	97
36) Methylcyclohexane	9.336	83	167577	27.68	ug/L	98
40) 1,2-Dichloropropane	9.366	63	79183	26.54	ug/L	100
41) Bromodichloromethane	9.640	83	122979	26.52	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	131064	26.22	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	67319	43.48	ug/L	100
44) Toluene	10.390	91	397009	27.59	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	112358	25.16	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	60305	24.60	ug/L	99
47) Tetrachloroethene	10.860	164	77146	27.37	ug/L	93
49) 2-Hexanone	10.969	43	45551	42.67	ug/L	98
50) Dibromochloromethane	11.128	129	78132	25.92	ug/L	89
51) 1,2-Dibromoethane	11.232	107	58657	24.29	ug/L	98
52) Chlorobenzene	11.652	112	245722	26.35	ug/L	97
53) Ethylbenzene	11.731	91	453611	27.43	ug/L	99
54) m,p-Xylene	11.841	106	169759	27.09	ug/L	99
55) o-xylene	12.164	106	158911	27.11	ug/L	96
56) Styrene	12.176	104	271012	27.02	ug/L	98
57) Isopropylbenzene	12.463	105	465223	27.99	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	65031	23.01	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	48543	22.66	ug/L	100
62) Bromoform	12.347	173	37944	24.05	ug/L	99
63) 1,3-Dichlorobenzene	13.493	146	191478	26.89	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	186274	26.44	ug/L	93
65) 1,2-Dichlorobenzene	13.871	146	164679	25.70	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	10745	21.48	ug/L #	89
67) 1,3,5-Trichlorobenzene	14.627	180	136207	26.20	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	107159	25.12	ug/L	94
69) Naphthalene	15.365	128	200121	23.84	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	90108	24.27	ug/L	99

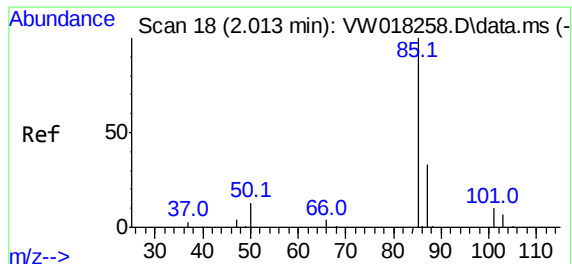
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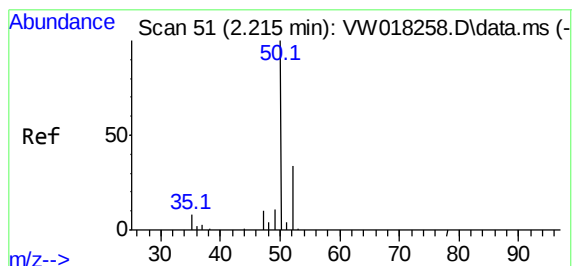
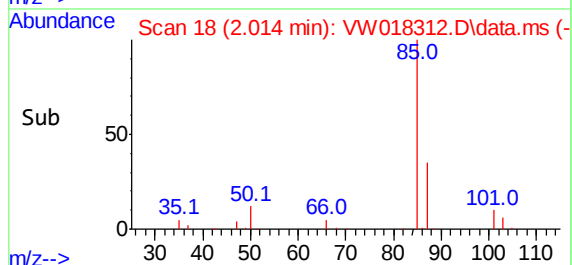
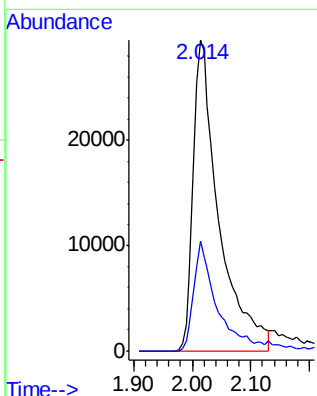
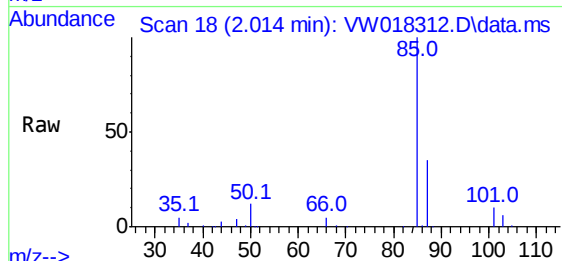




#2
Dichlorodifluoromethane
Concen: 26.13 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

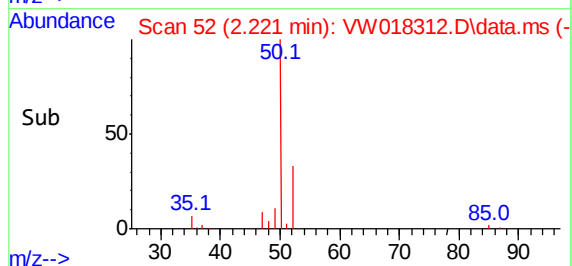
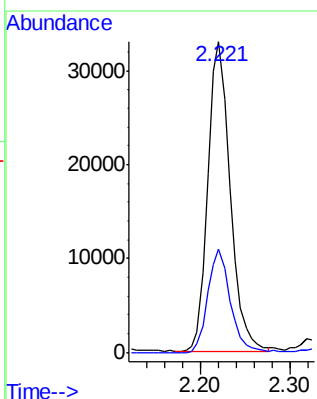
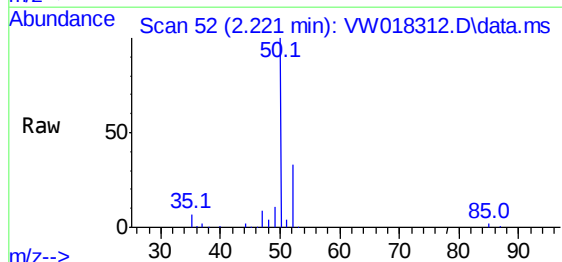
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MSVOA_W
ClientSampleId :
VSTD02501

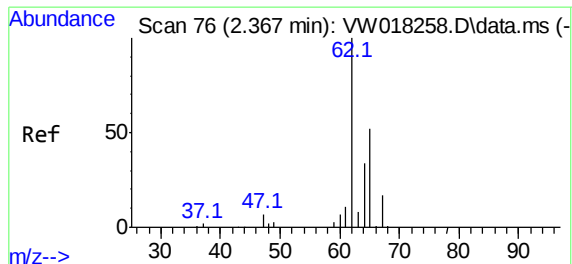
Tgt Ion: 85 Resp: 89232
Ion Ratio Lower Upper
85 100
87 31.1 22.2 41.2



#3
Chloromethane
Concen: 25.69 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 50 Resp: 57535
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9

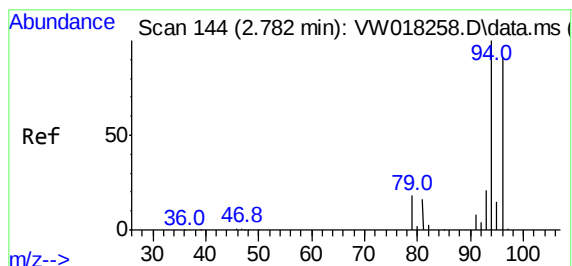
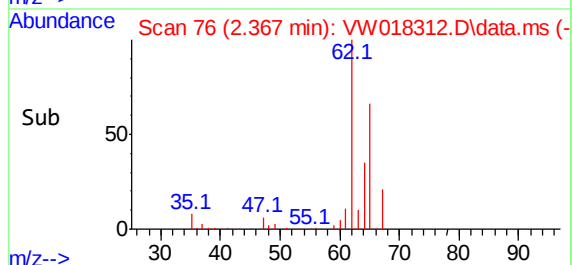
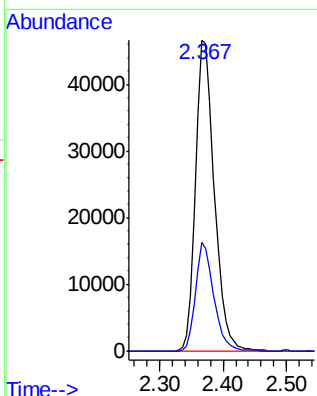
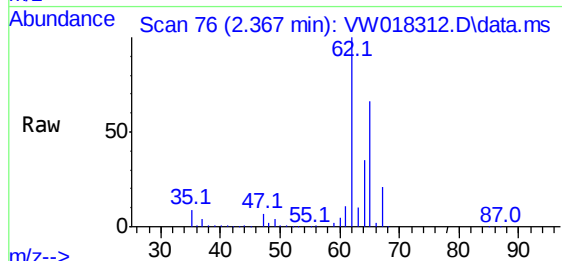




#5
 Vinyl chloride
 Concen: 27.27 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018312.D
 Acq: 12 Mar 2021 11:25

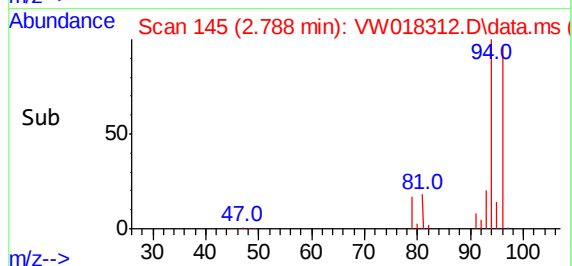
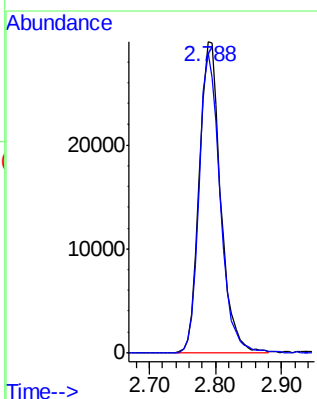
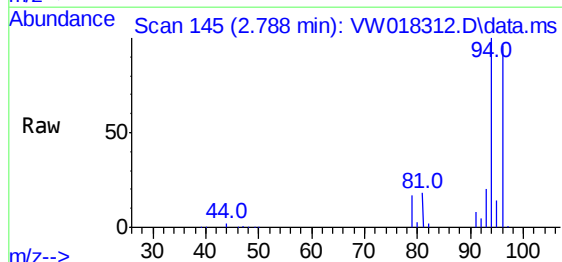
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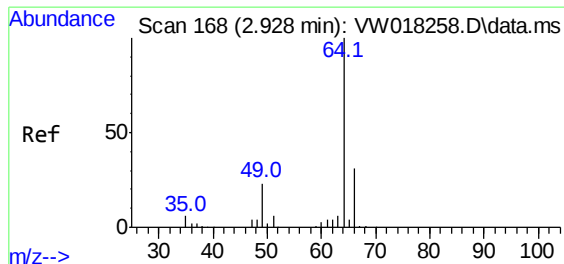
Tgt Ion: 62 Resp: 93800
 Ion Ratio Lower Upper
 62 100
 64 34.9 23.5 43.7



#6
 Bromomethane
 Concen: 26.02 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW018312.D
 Acq: 12 Mar 2021 11:25

Tgt Ion: 94 Resp: 66558
 Ion Ratio Lower Upper
 94 100
 96 94.7 9.4 179.4

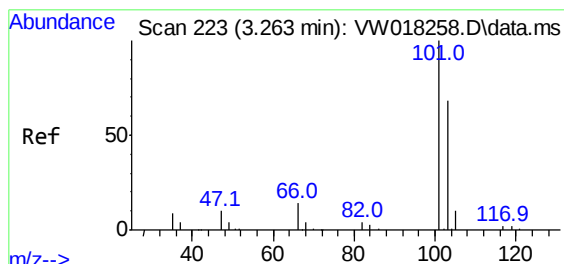
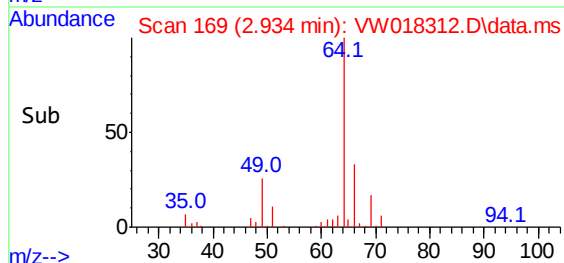
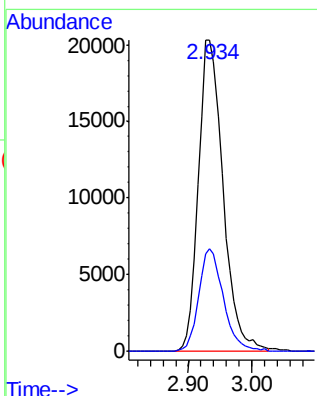
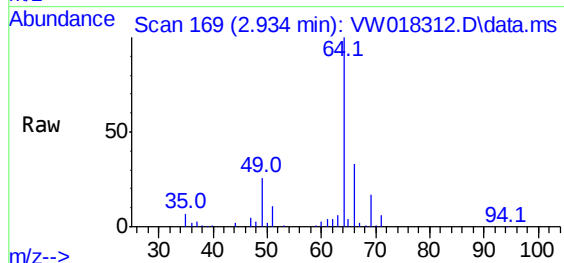




#8
Chloroethane
Concen: 26.88 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

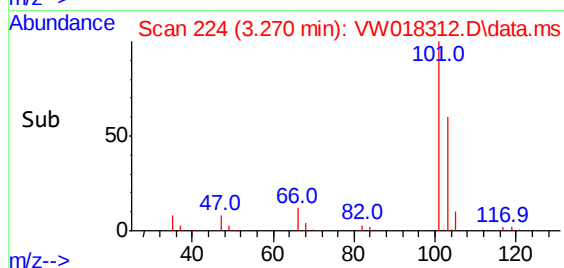
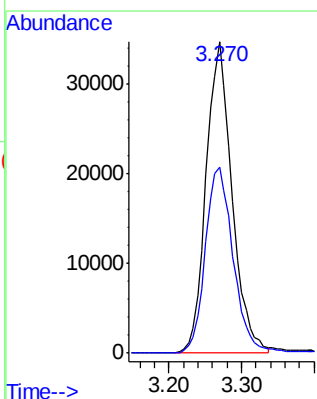
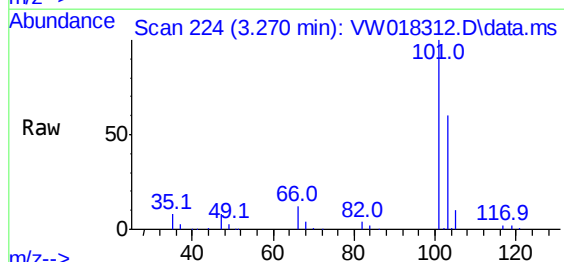
Instrument :
MSVOA_W
ClientSampled :
VSTD02501

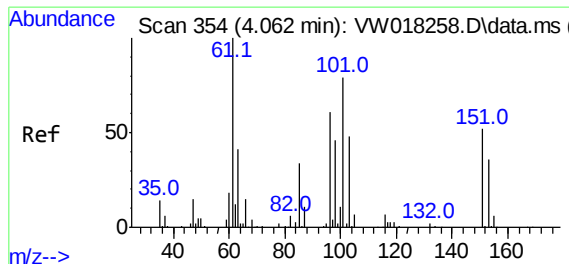
Tgt Ion: 64 Resp: 53064
Ion Ratio Lower Upper
64 100
66 32.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 29.48 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 101 Resp: 85498
Ion Ratio Lower Upper
101 100
103 64.0 45.6 84.8

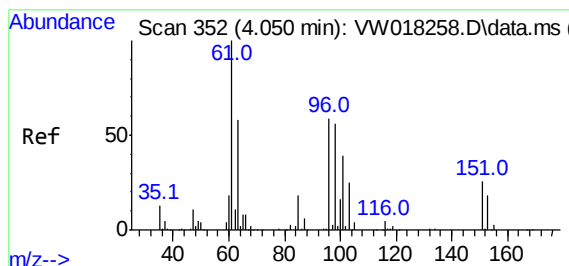
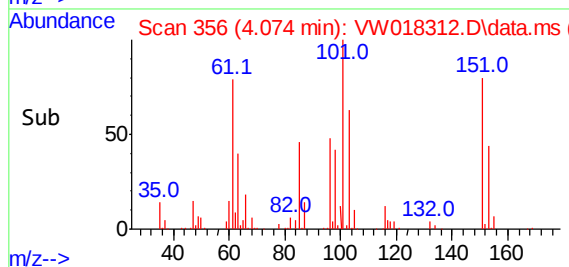
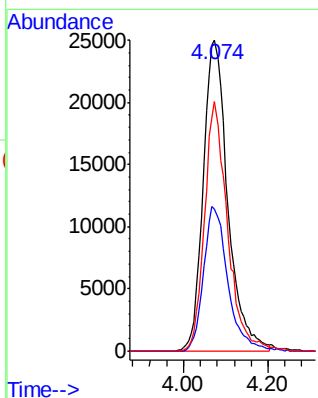
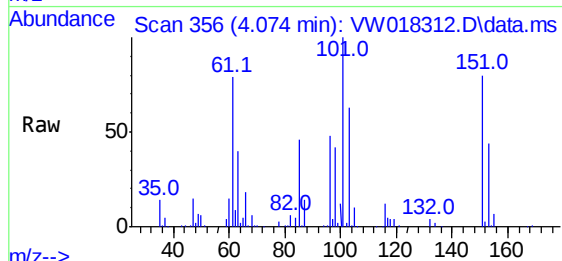




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.66 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW018312.D
 Acq: 12 Mar 2021 11:25

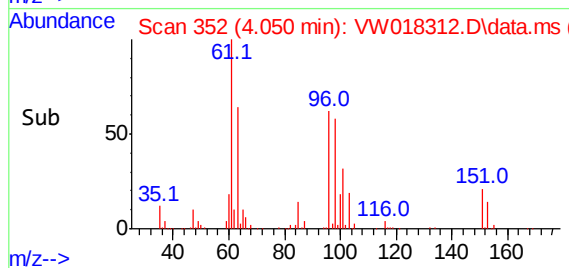
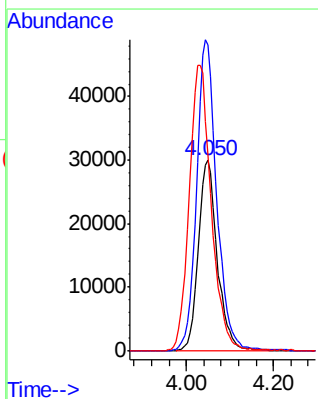
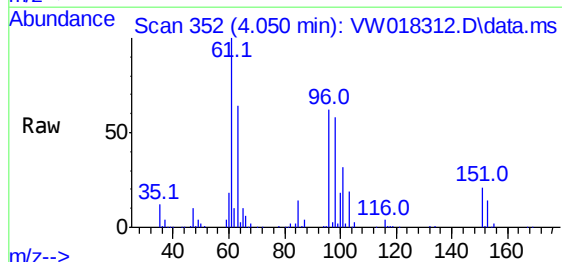
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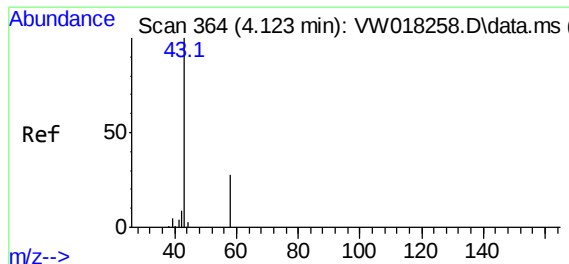
Tgt Ion:	101	Resp:	96963
Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.6	53.4
151	73.6	58.1	87.1



#12
 1,1-Dichloroethene
 Concen: 28.18 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW018312.D
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Tgt Ion:	96	Resp:	91150
Ion	Ratio	Lower	Upper
96	100		
61	160.4	118.6	220.2
63	102.9	82.4	153.0

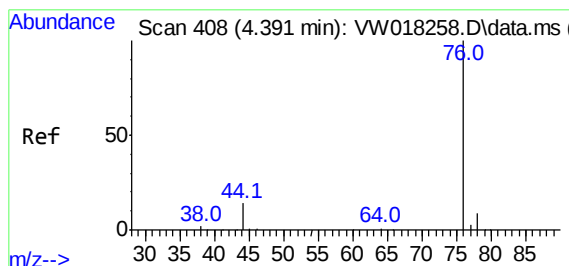
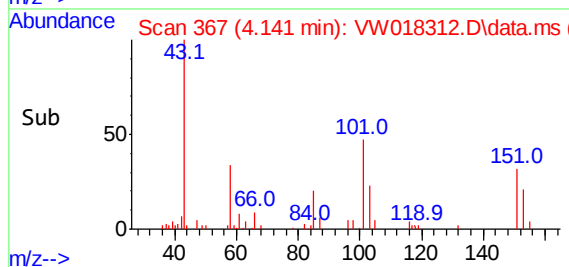
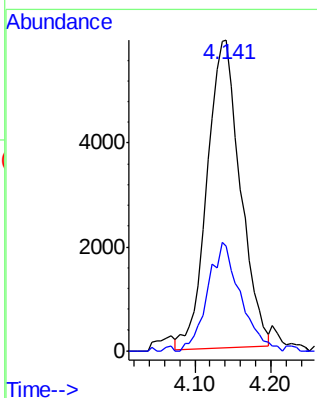
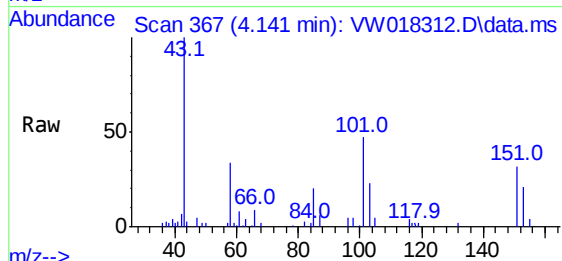




#13
Acetone
Concen: 36.20 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

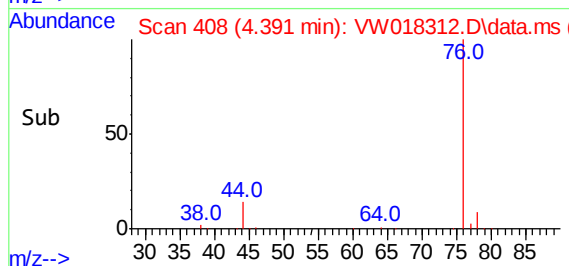
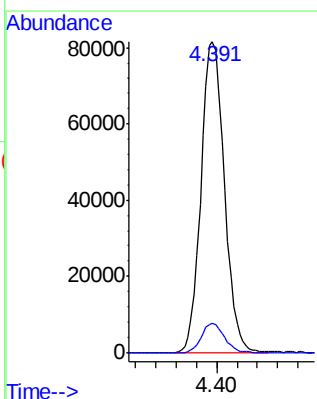
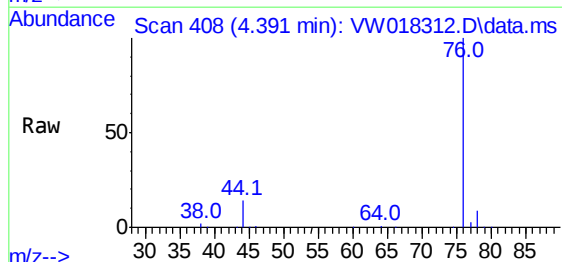
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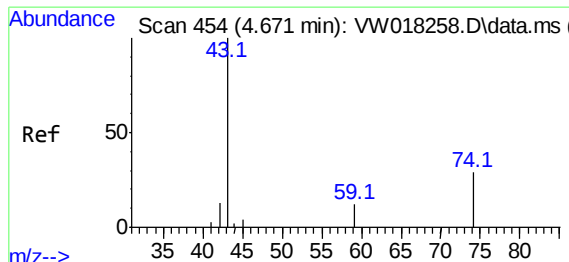
Tgt Ion: 43 Resp: 17933
Ion Ratio Lower Upper
43 100
58 34.8 0.0 62.2



#14
Carbon disulfide
Concen: 27.57 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018312.D
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Tgt Ion: 76 Resp: 259776
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

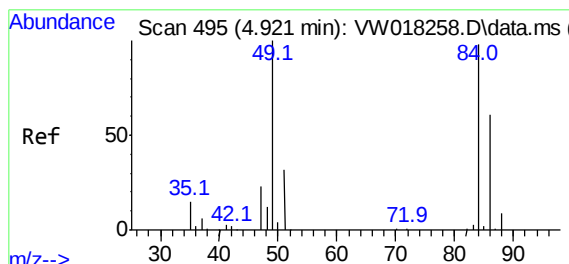
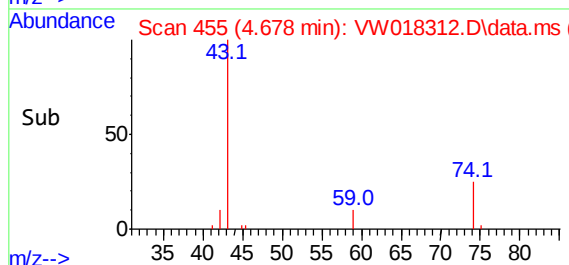
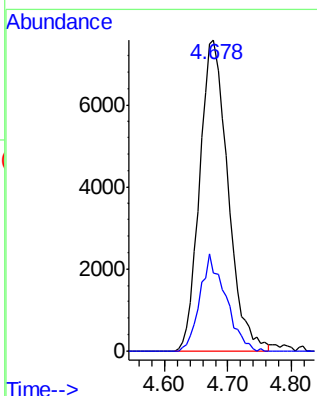
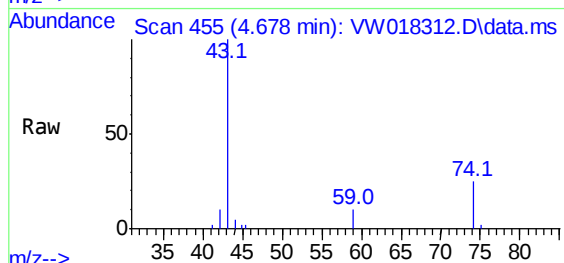




#15
Methyl Acetate
Concen: 21.23 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

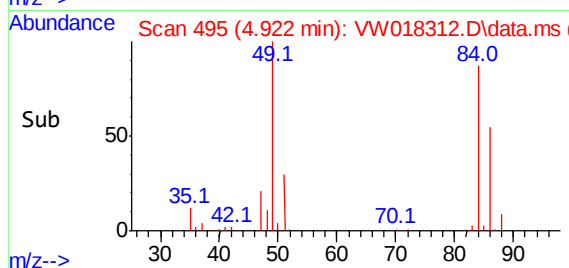
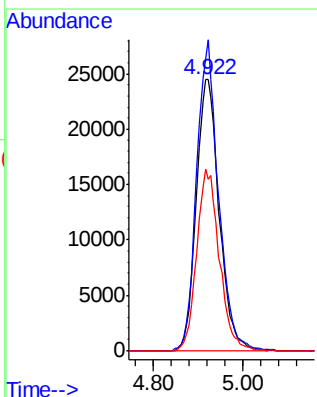
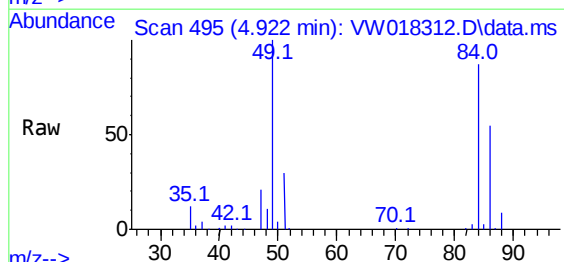
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

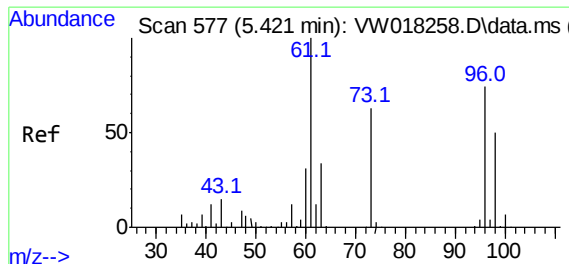
Tgt Ion: 43 Resp: 22730
Ion Ratio Lower Upper
43 100
74 28.4 22.9 34.3



#16
Methylene chloride
Concen: 22.96 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 84 Resp: 86268
Ion Ratio Lower Upper
84 100
49 114.7 74.4 138.2
86 63.1 46.1 85.7

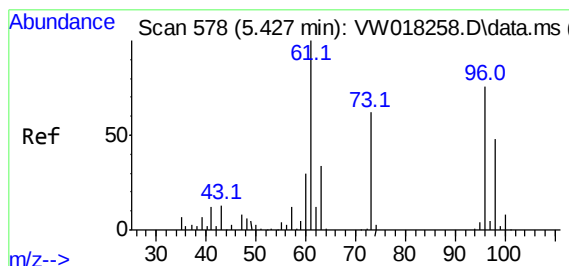
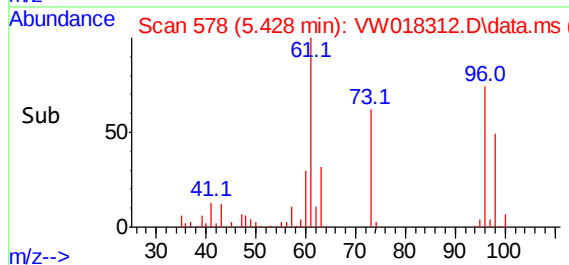
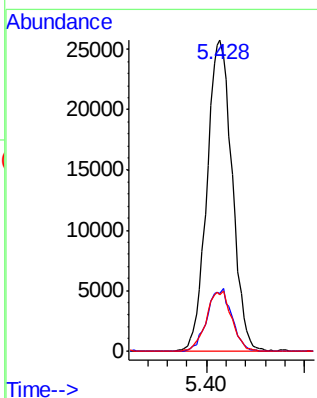
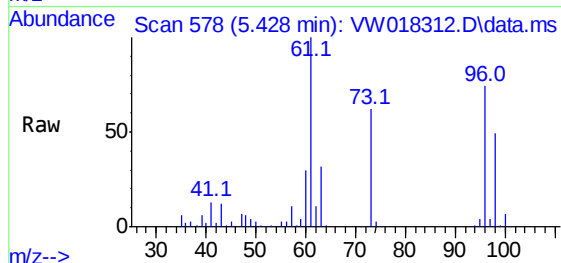




#17
Methyl tert-butyl Ether
Concen: 24.59 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

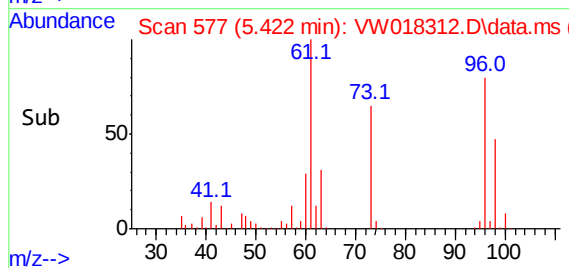
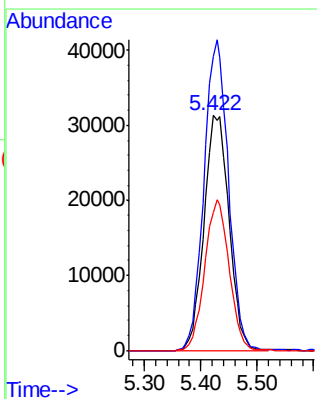
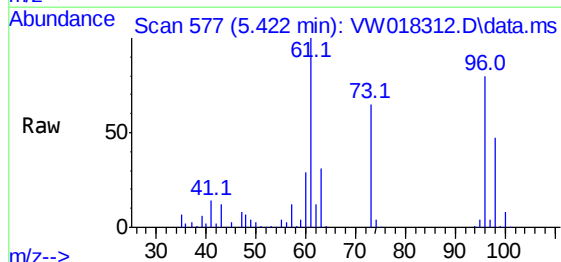
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

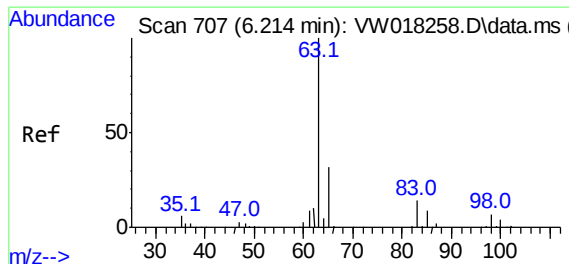
Tgt Ion: 73 Resp: 91241
Ion Ratio Lower Upper
73 100
43 11.1 16.6 24.8#
57 11.2 15.9 23.9#



#18
trans-1,2-Dichloroethene
Concen: 27.89 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 96 Resp: 95860
Ion Ratio Lower Upper
96 100
61 124.9 93.3 173.3
98 58.5 45.2 84.0



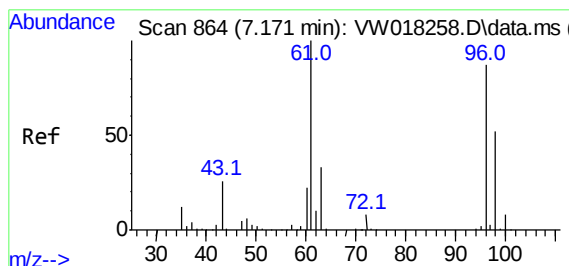
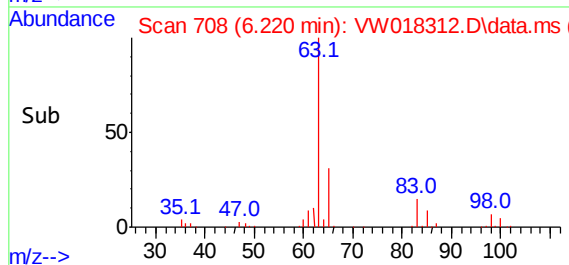
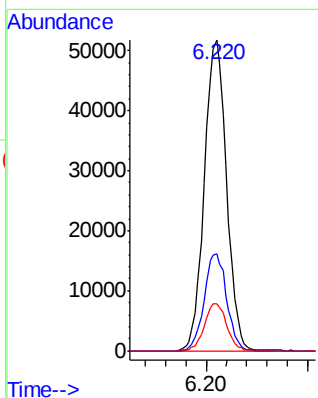
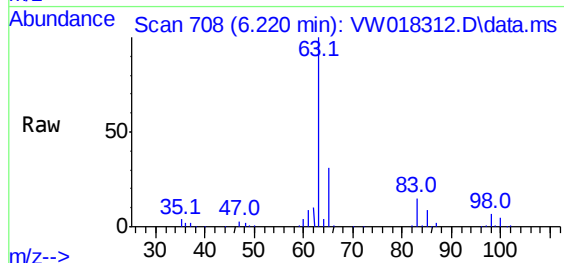


#19
1,1-Dichloroethane
Concen: 27.75 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

Tgt Ion: 63 Resp: 156333

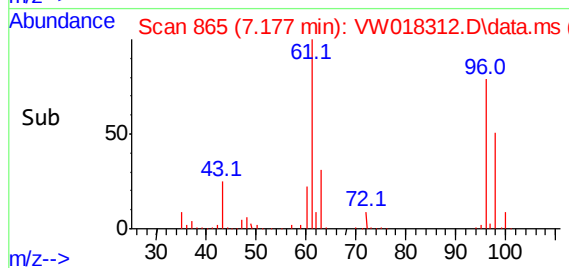
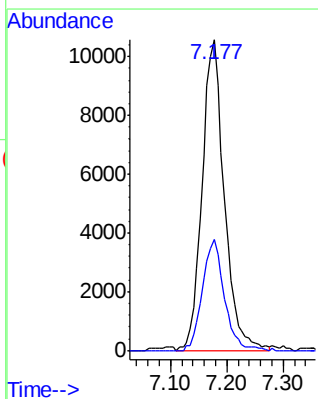
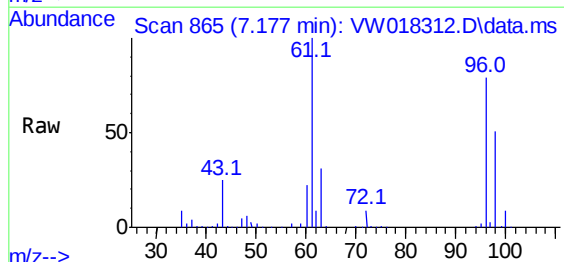
Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.5	43.7
83	15.2	10.3	19.1

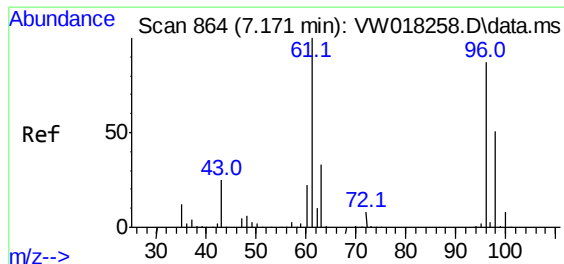


#21
2-Butanone
Concen: 41.67 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 43 Resp: 28591

Ion	Ratio	Lower	Upper
43	100		
72	34.6	16.5	49.5



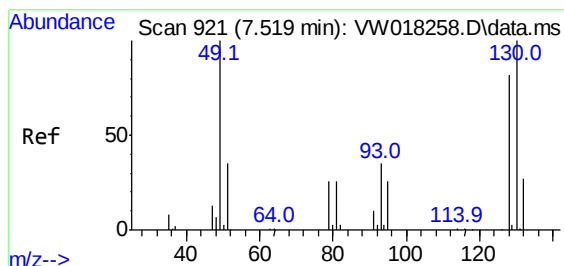
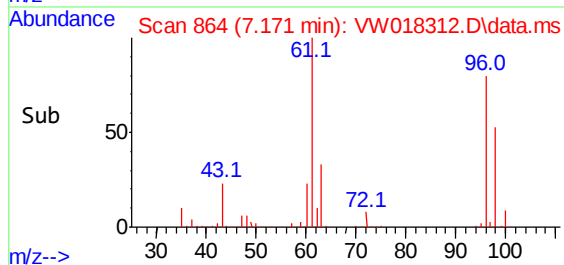
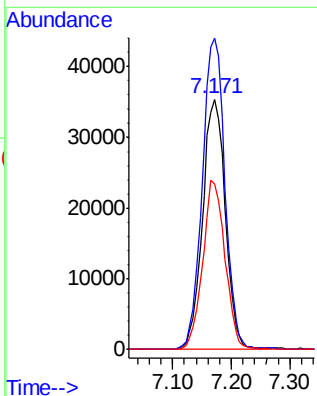
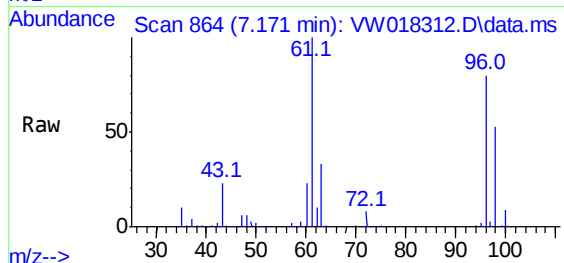


#22
cis-1,2-Dichloroethene
Concen: 26.32 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

Tgt Ion: 96 Resp: 94663

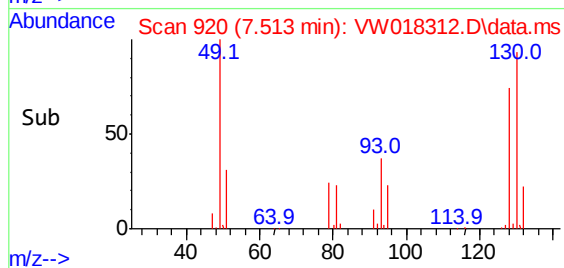
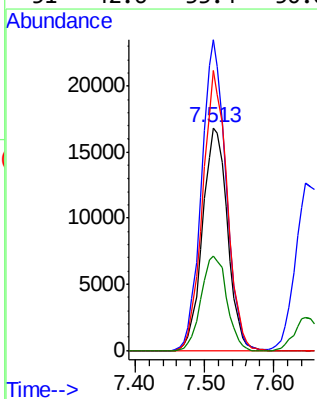
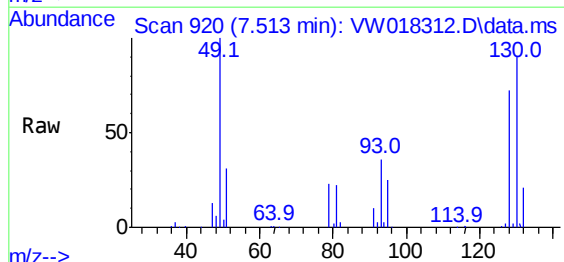
Ion	Ratio	Lower	Upper
96	100		
61	124.3	84.8	157.6
98	65.9	45.1	83.9

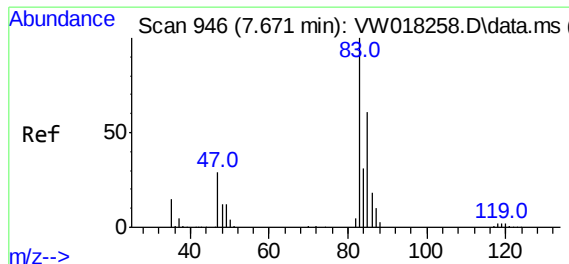


#23
Bromochloromethane
Concen: 25.99 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 128 Resp: 42065

Ion	Ratio	Lower	Upper
128	100		
49	139.6	92.4	171.6
130	125.8	83.9	155.7
51	42.6	33.4	50.0

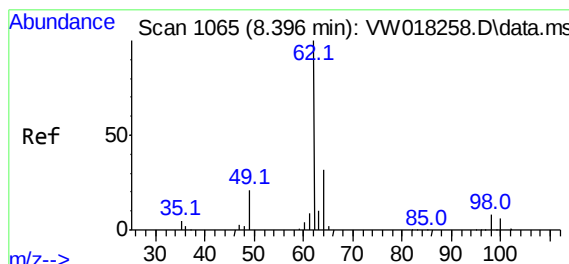
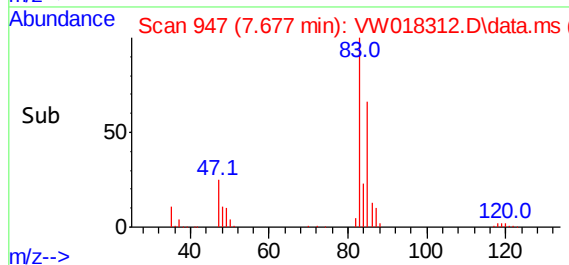
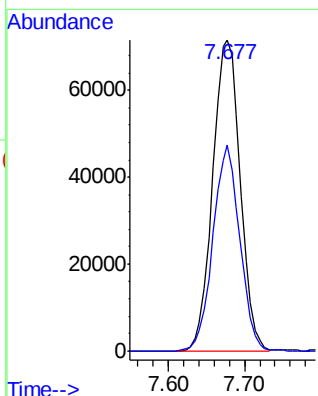
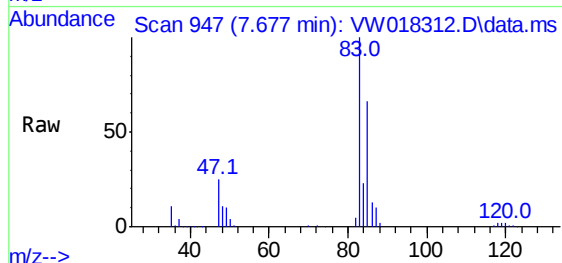




#25
Chloroform
Concen: 27.80 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

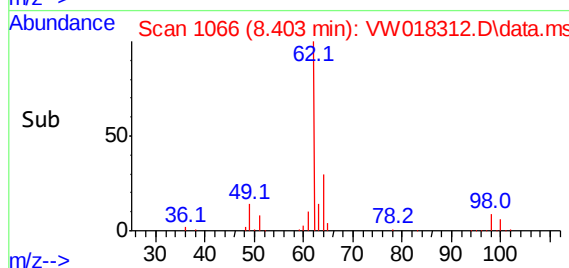
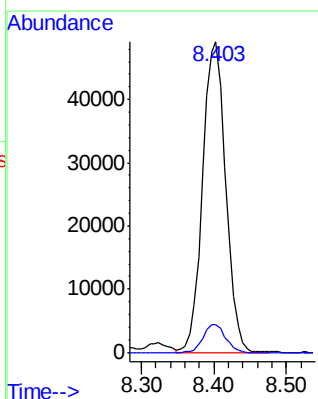
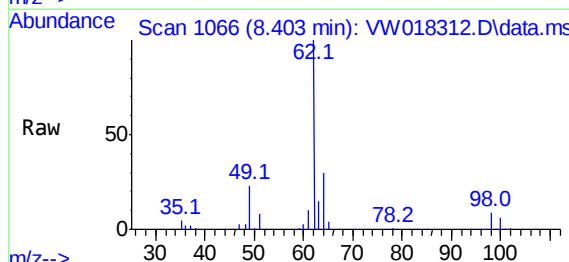
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

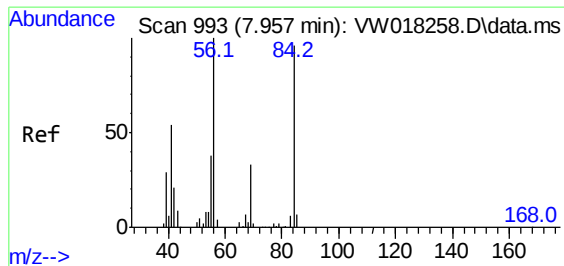
Tgt Ion: 83 Resp: 179485
Ion Ratio Lower Upper
83 100
85 64.5 46.4 86.2



#27
1,2-Dichloroethane
Concen: 25.42 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 62 Resp: 108836
Ion Ratio Lower Upper
62 100
98 8.8 6.4 9.6

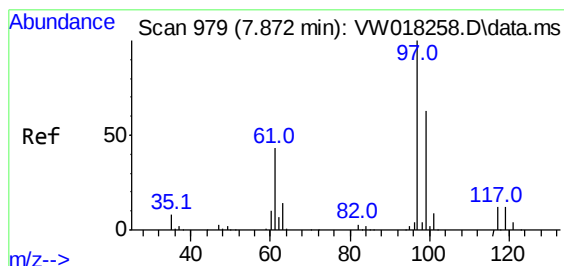
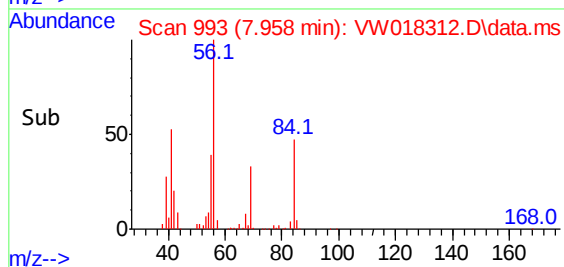
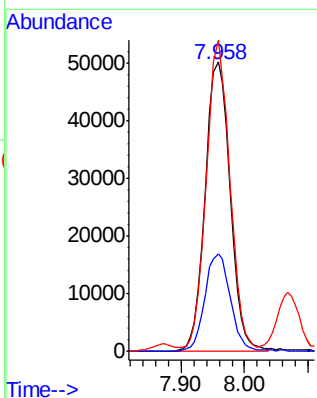
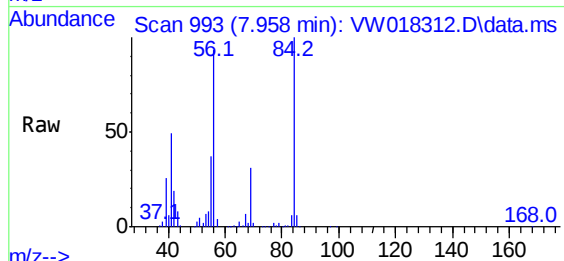




#30
Cyclohexane
Concen: 27.43 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

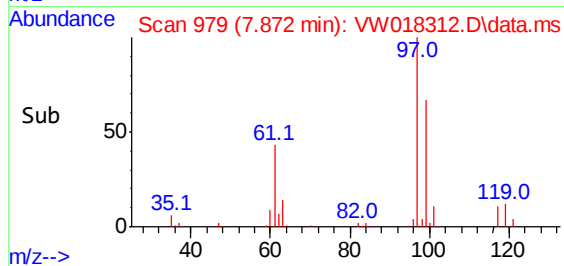
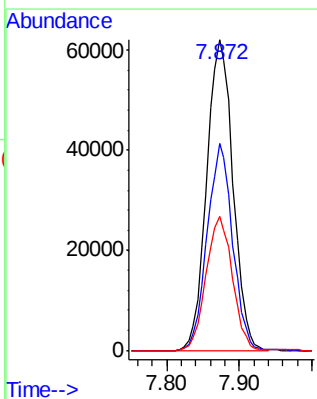
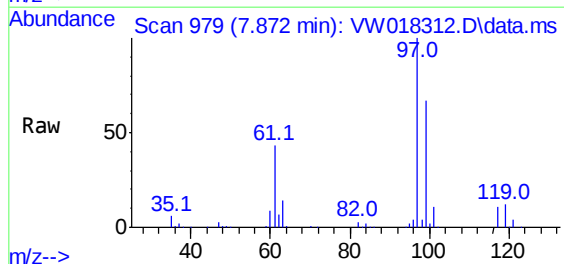
Instrument :
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ClientSampleId :
VSTD02501

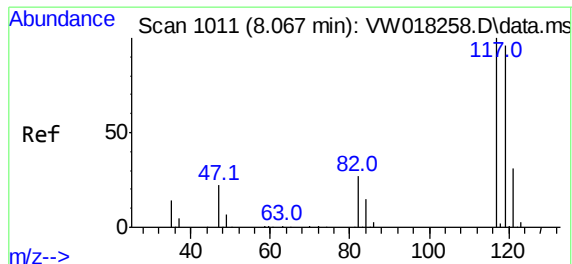
Tgt Ion: 56 Resp: 132106
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.6
84 102.0 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 28.13 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 97 Resp: 154966
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 43.3 34.8 52.2

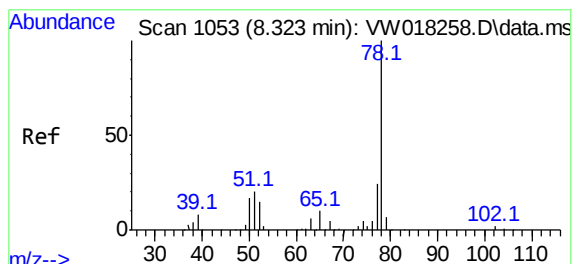
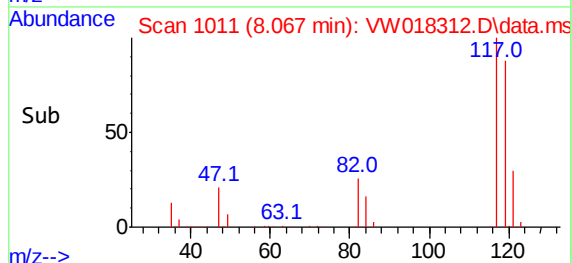
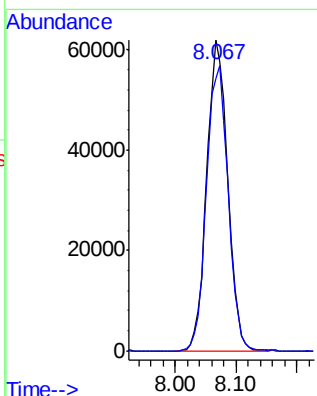
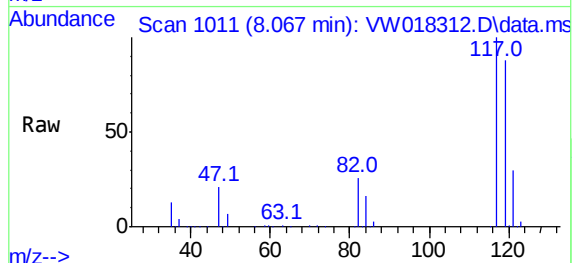




#32
Carbon tetrachloride
Concen: 27.56 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

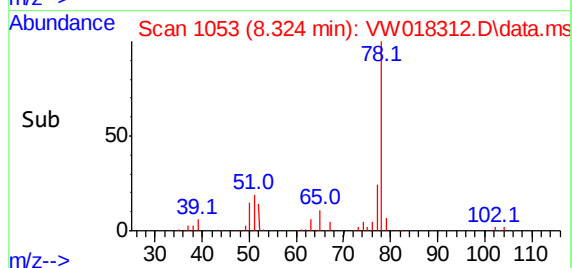
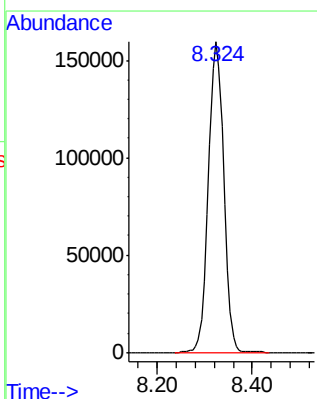
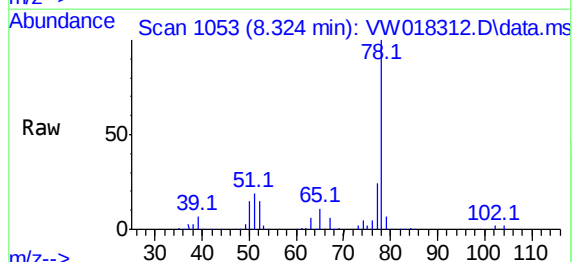
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

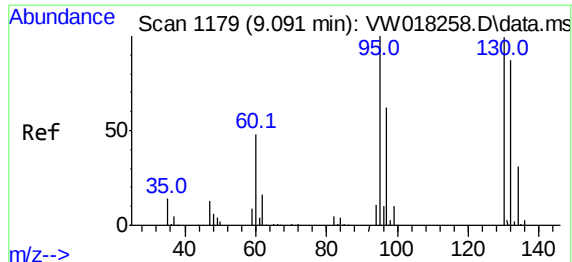
Tgt Ion:117 Resp: 146199
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1



#34
Benzene
Concen: 27.56 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

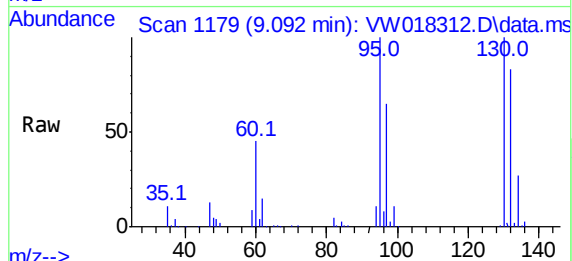
Tgt Ion: 78 Resp: 353942





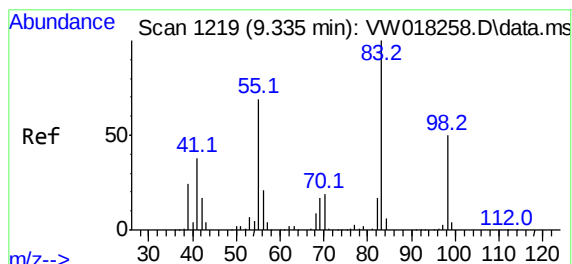
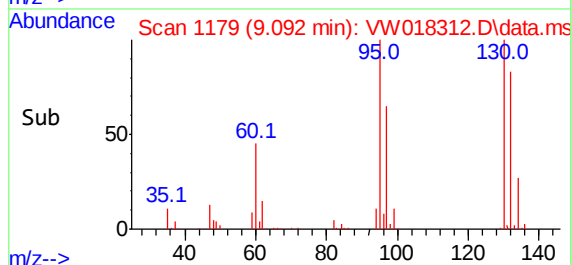
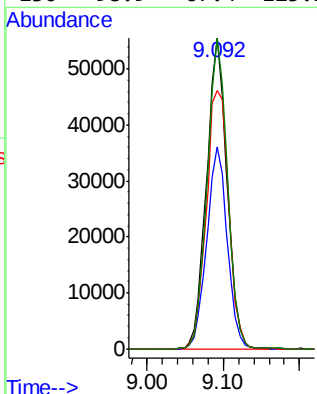
#35
Trichloroethene
Concen: 27.44 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD02501



Tgt Ion: 95 Resp: 103315

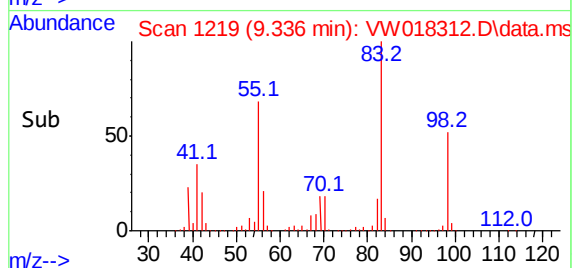
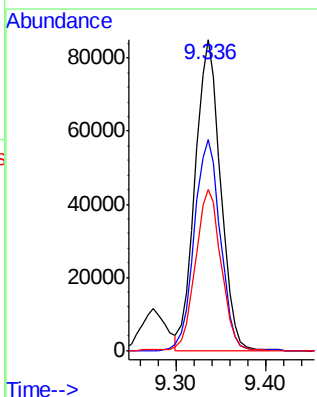
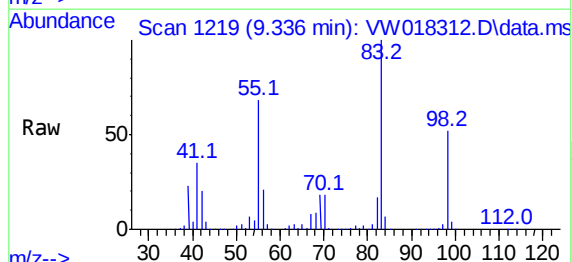
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.4	82.4
132	91.4	65.9	122.5
130	98.9	67.4	125.2

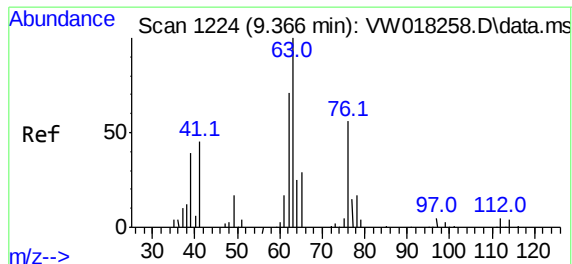


#36
Methylcyclohexane
Concen: 27.68 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 83 Resp: 167577

Ion	Ratio	Lower	Upper
83	100		
55	69.3	56.8	85.2
98	52.4	40.6	61.0

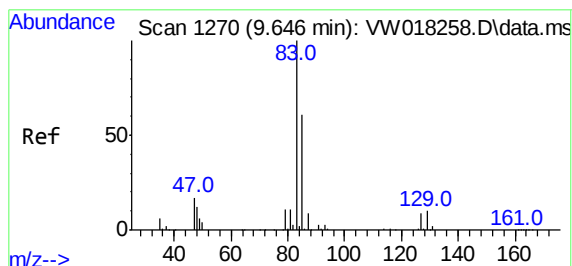
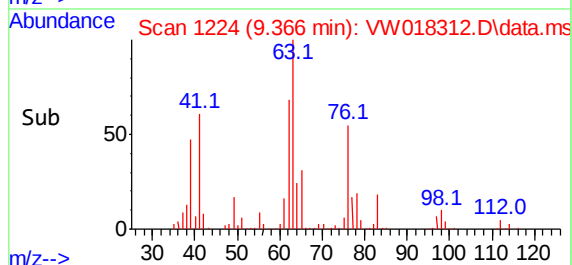
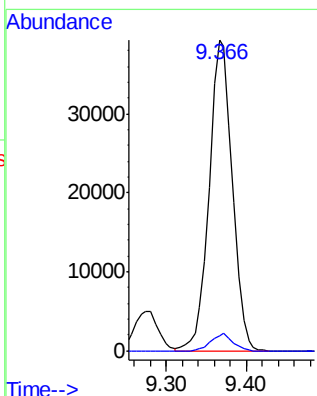
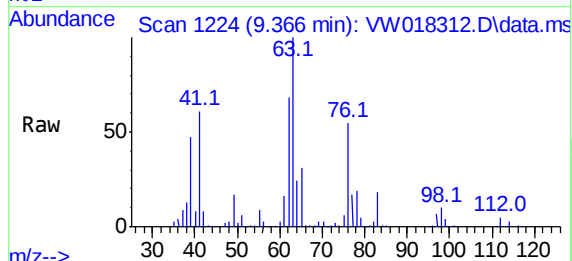




#40
1,2-Dichloropropane
Concen: 26.54 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

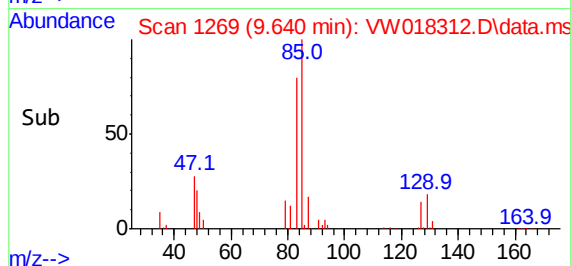
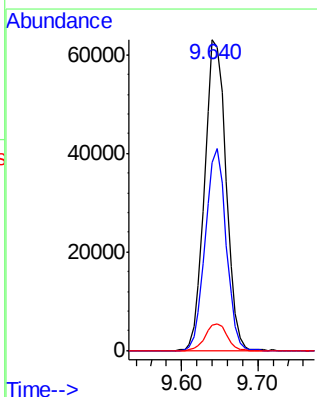
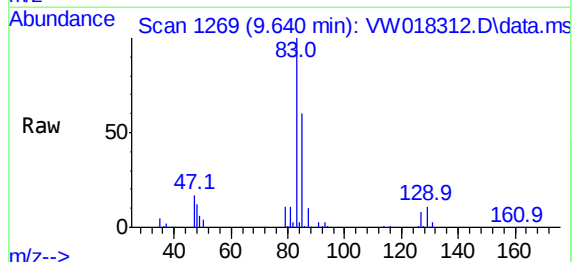
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

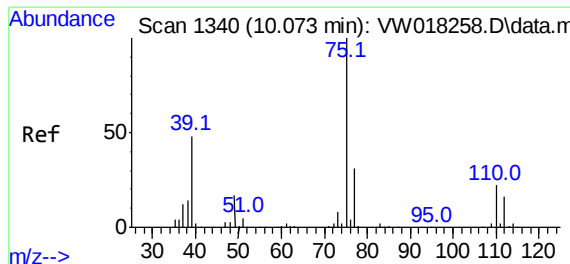
Tgt Ion: 63 Resp: 79183
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.4



#41
Bromodichloromethane
Concen: 26.52 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 83 Resp: 122979
Ion Ratio Lower Upper
83 100
85 60.5 43.8 81.4
127 8.1 6.9 10.3

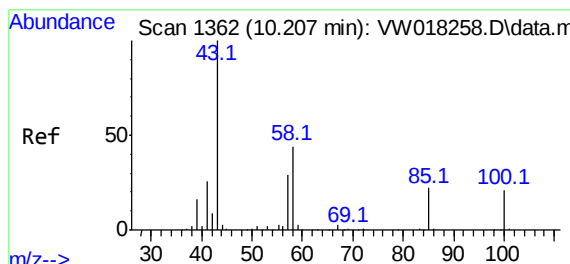
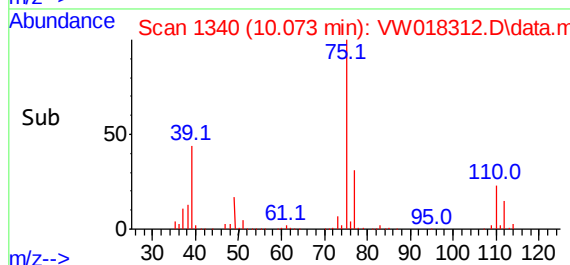
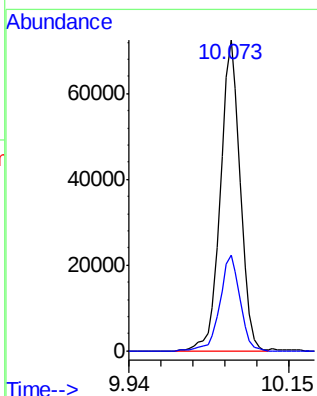
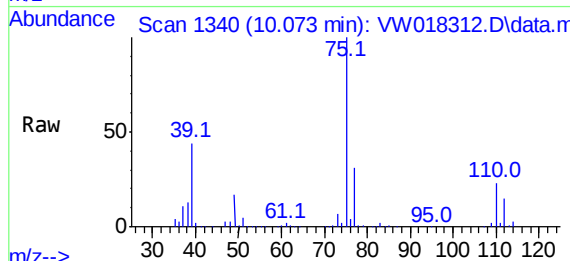




#42
cis-1,3-Dichloropropene
Concen: 26.22 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

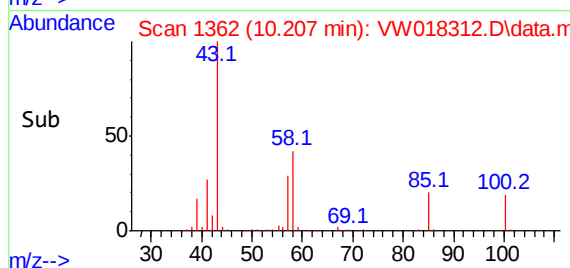
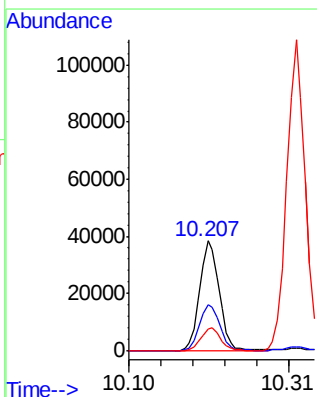
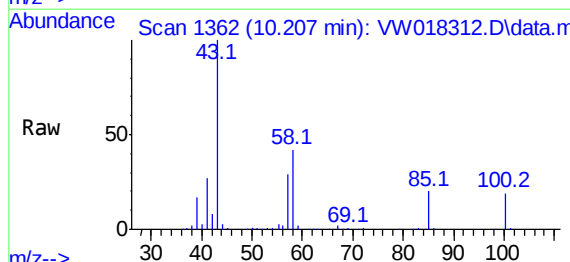
Instrument :
MSVOA_W
ClientSampleID :
VSTD02501

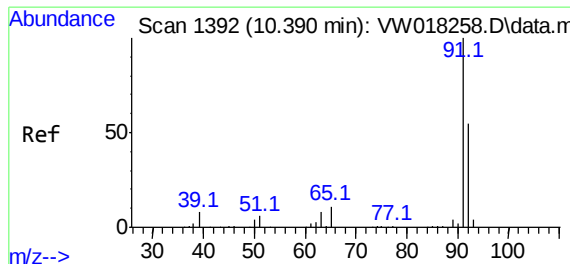
Tgt Ion: 75 Resp: 131064
Ion Ratio Lower Upper
75 100
77 30.7 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 43.48 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 43 Resp: 67319
Ion Ratio Lower Upper
43 100
58 43.3 34.8 52.2
100 20.3 15.9 23.9

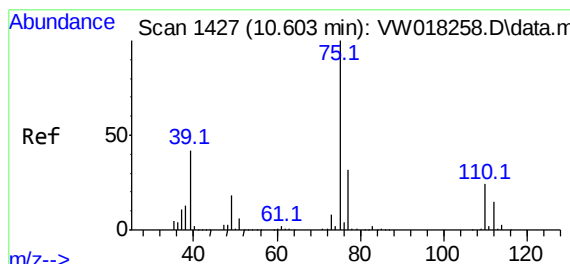
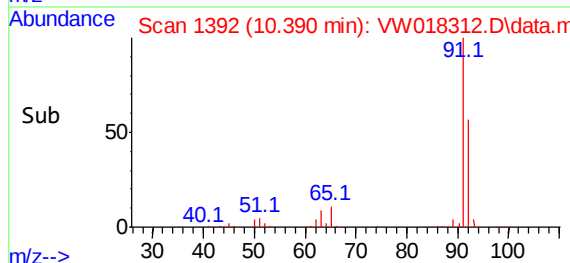
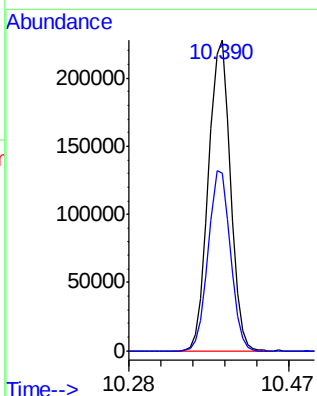
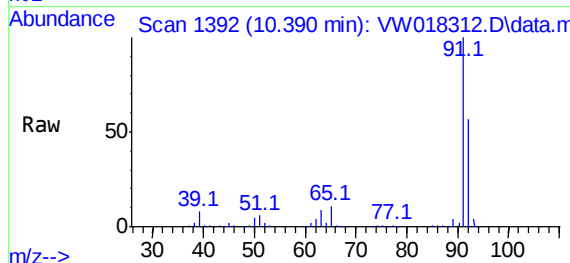




#44
Toluene
Concen: 27.59 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

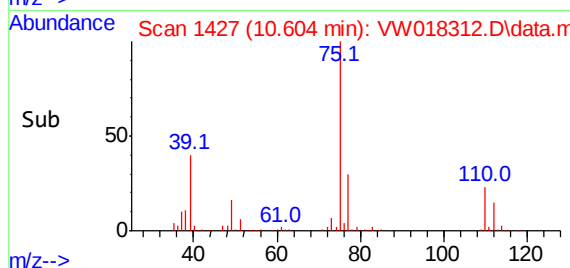
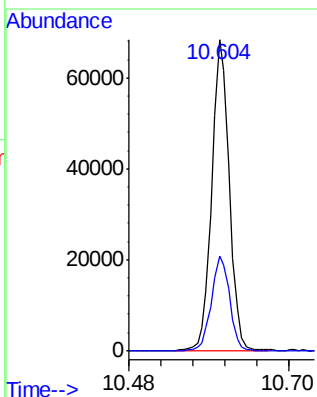
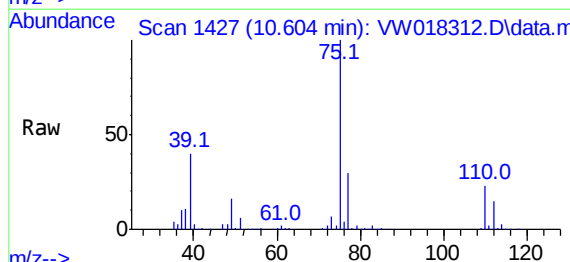
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

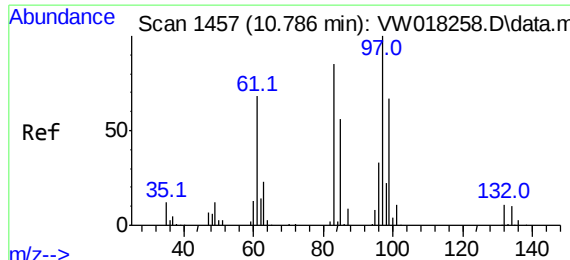
Tgt Ion: 91 Resp: 397009
Ion Ratio Lower Upper
91 100
92 57.2 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 25.16 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 75 Resp: 112358
Ion Ratio Lower Upper
75 100
77 30.5 22.6 42.0



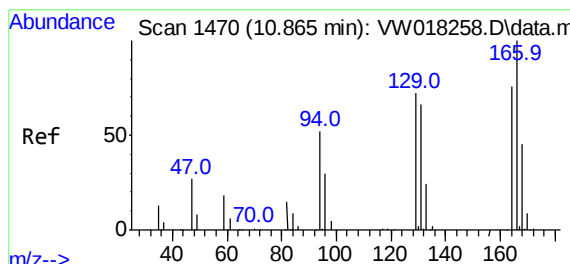
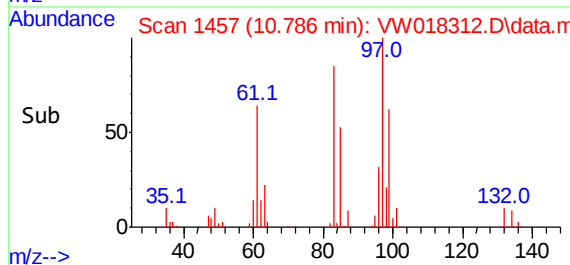
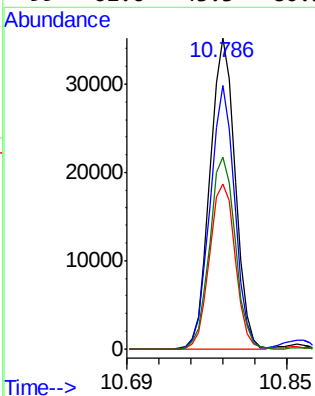
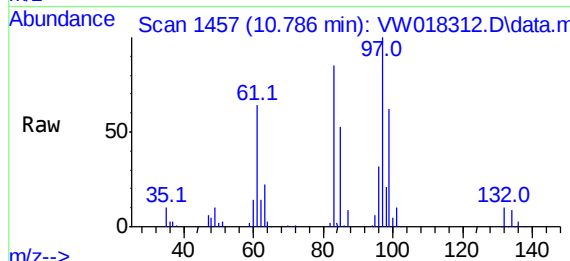


#46
1,1,2-Trichloroethane
Concen: 24.60 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

Tgt Ion: 97 Resp: 60305

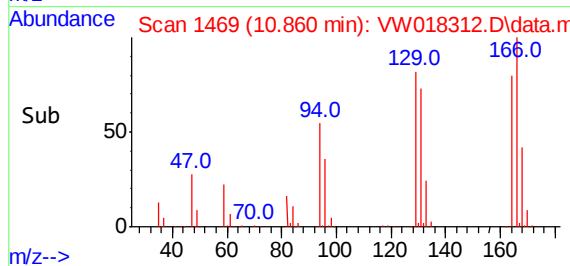
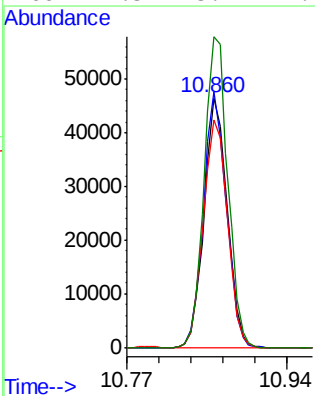
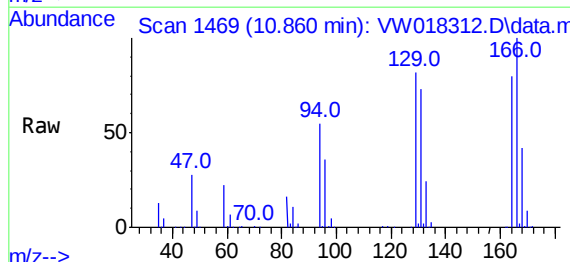
Ion	Ratio	Lower	Upper
97	100		
83	84.9	58.9	109.5
85	53.2	38.4	71.4
99	61.6	43.3	80.3

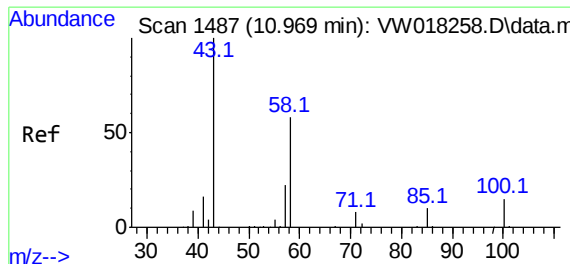


#47
Tetrachloroethene
Concen: 27.37 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 164 Resp: 77146

Ion	Ratio	Lower	Upper
164	100		
129	102.3	68.8	127.8
131	91.2	68.3	126.8
166	124.5	95.4	177.2



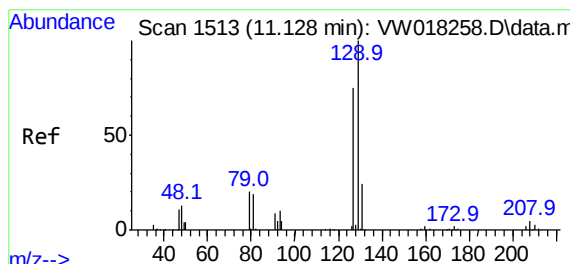
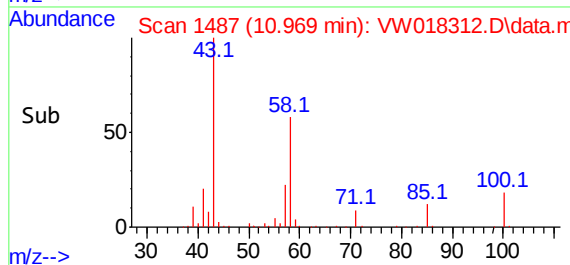
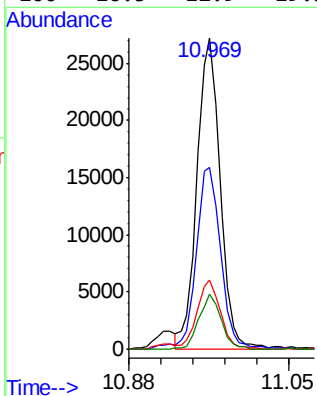
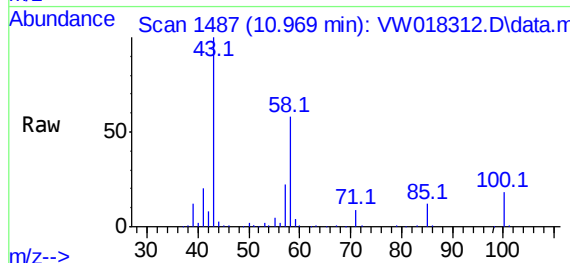


#49
2-Hexanone
Concen: 42.67 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

Tgt Ion: 43 Resp: 45551

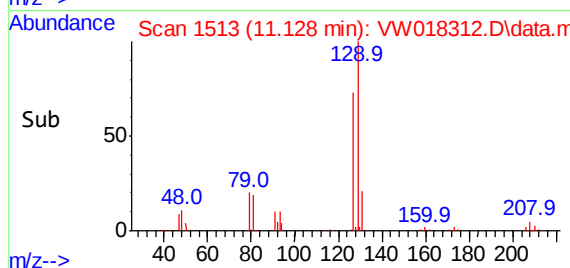
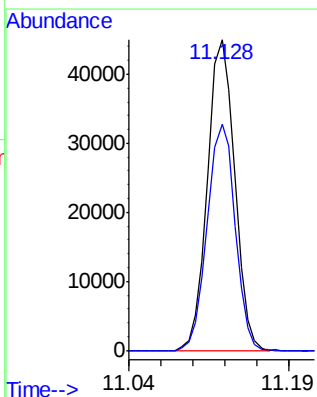
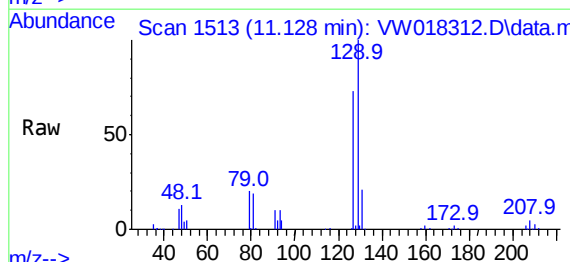
Ion	Ratio	Lower	Upper
43	100		
58	60.5	47.3	70.9
57	22.1	17.3	25.9
100	16.5	12.9	19.3

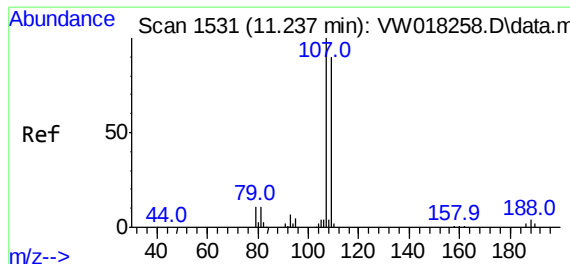


#50
Dibromochloromethane
Concen: 25.92 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 129 Resp: 78132

Ion	Ratio	Lower	Upper
129	100		
127	73.0	58.0	107.6

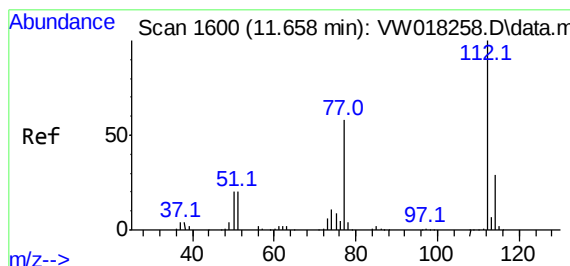
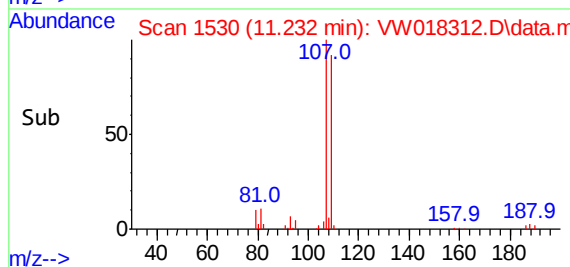
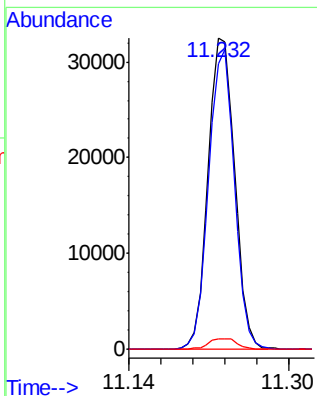
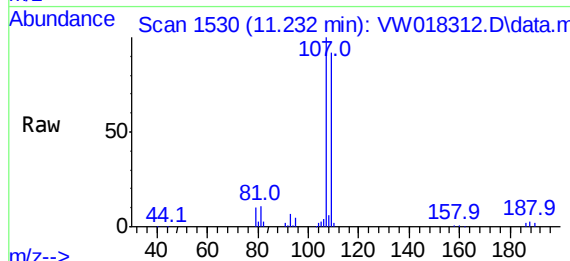




#51
1,2-Dibromoethane
Concen: 24.29 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

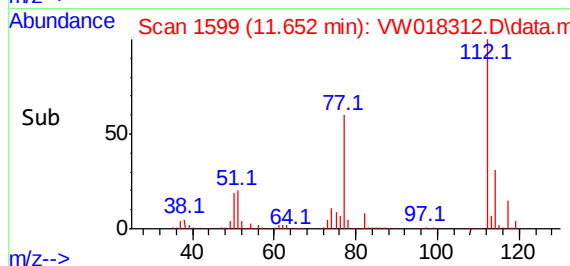
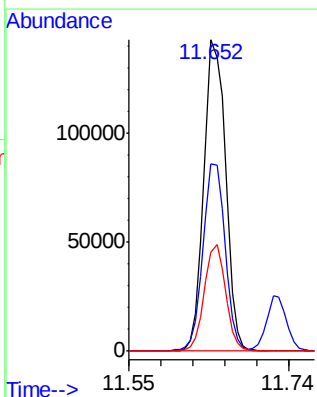
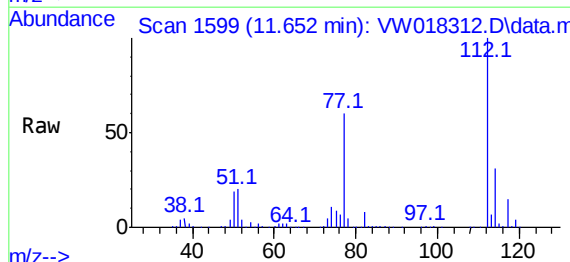
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

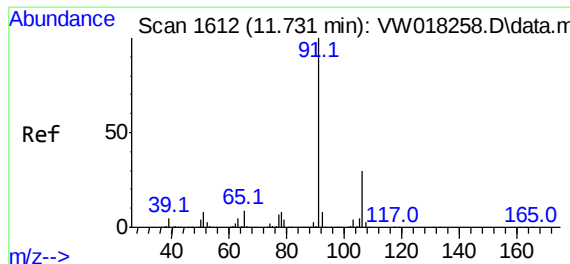
Tgt Ion:107 Resp: 58657
Ion Ratio Lower Upper
107 100
109 91.9 65.9 122.5
188 3.2 3.0 4.4



#52
Chlorobenzene
Concen: 26.35 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion:112 Resp: 245722
Ion Ratio Lower Upper
112 100
77 59.9 45.4 68.2
114 31.5 22.5 41.9

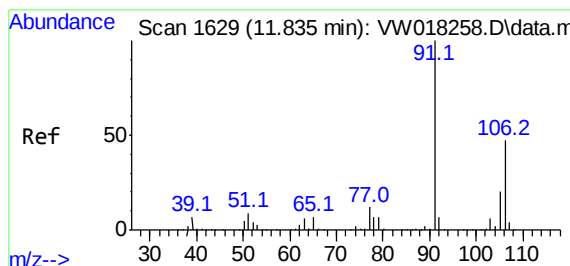
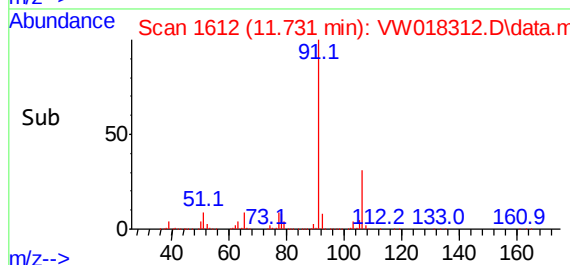
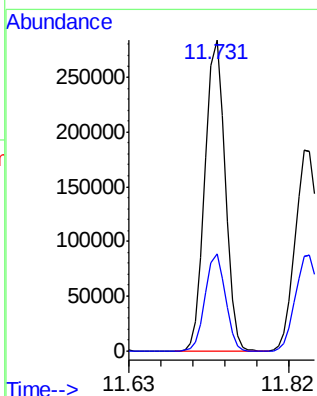
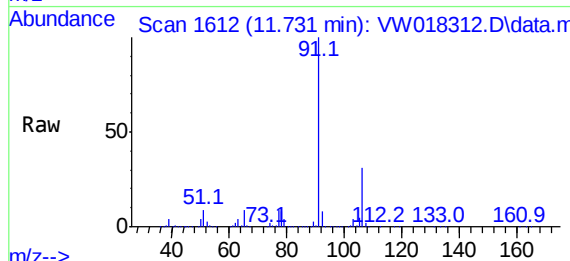




#53
Ethylbenzene
Concen: 27.43 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

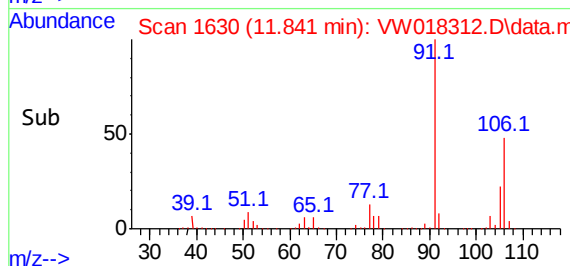
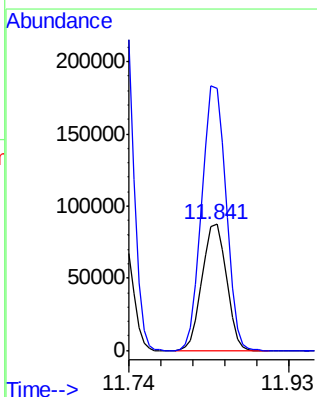
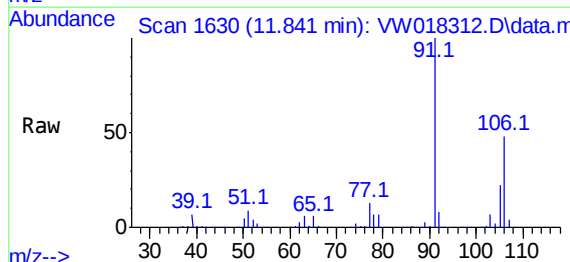
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

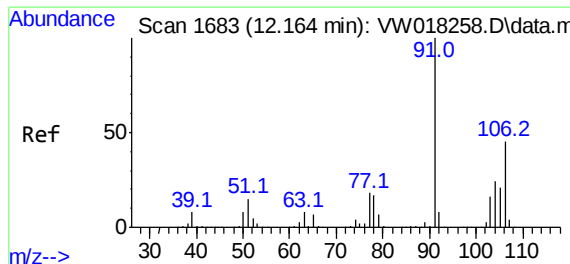
Tgt Ion: 91 Resp: 453611
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#54
m,p-Xylene
Concen: 27.09 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 106 Resp: 169759
Ion Ratio Lower Upper
106 100
91 208.6 145.3 269.8

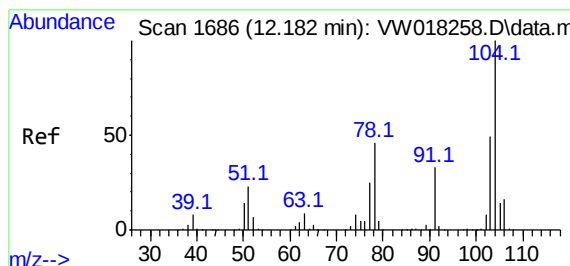
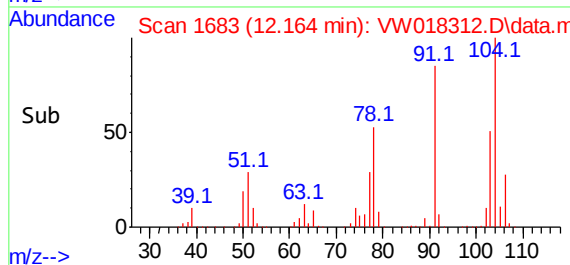
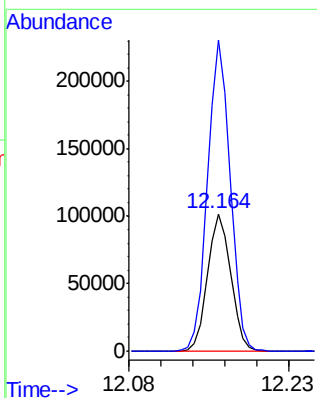
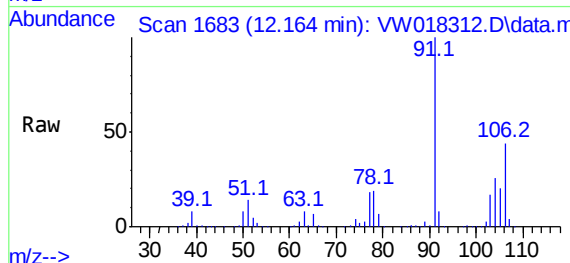




#55
o-xylene
Concen: 27.11 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

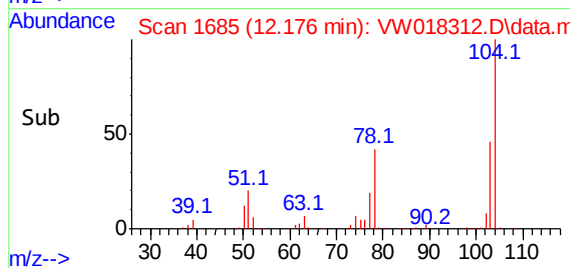
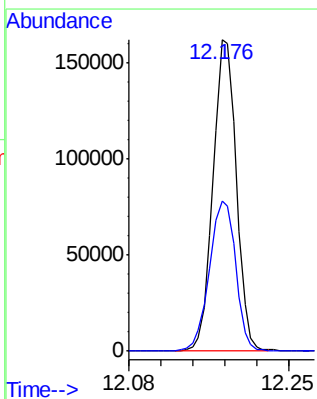
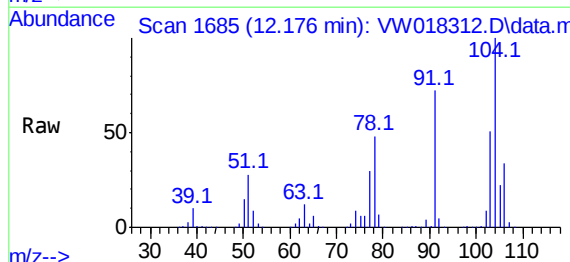
Instrument :
MSVOA_W
ClientSampled :
VSTD02501

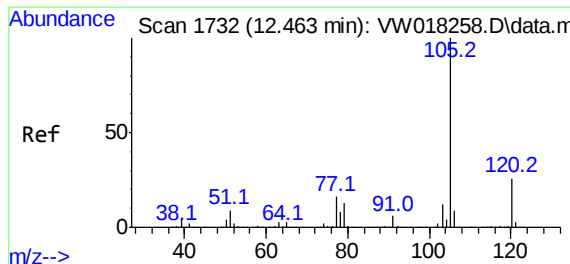
Tgt Ion:106 Resp: 158911
Ion Ratio Lower Upper
106 100
91 226.9 154.3 286.5



#56
Styrene
Concen: 27.02 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion:104 Resp: 271012
Ion Ratio Lower Upper
104 100
78 48.1 34.7 64.5

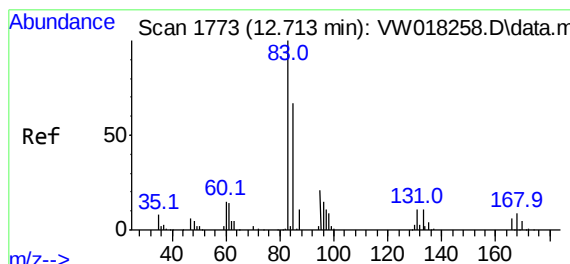
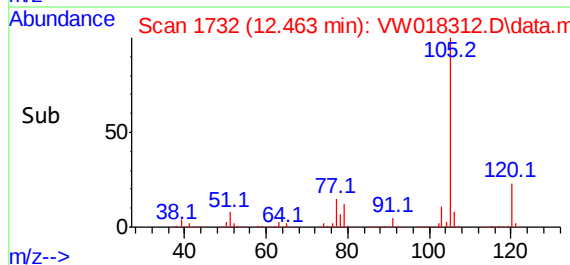
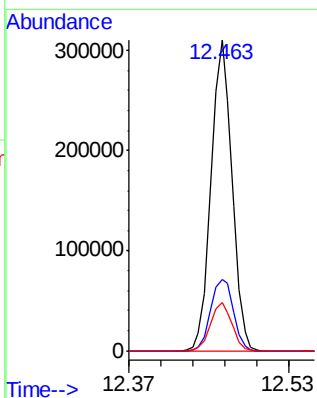
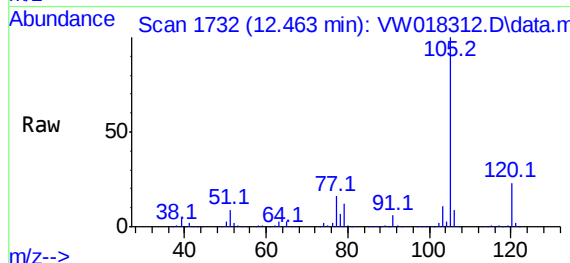




#57
Isopropylbenzene
Concen: 27.99 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

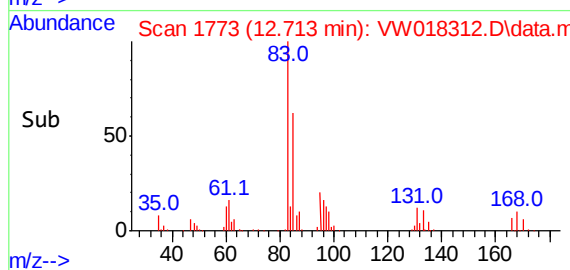
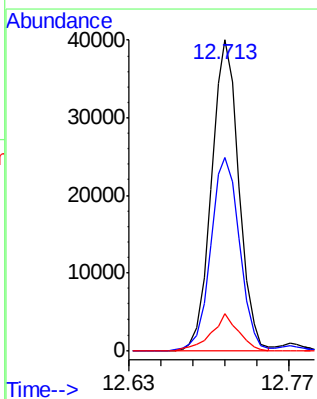
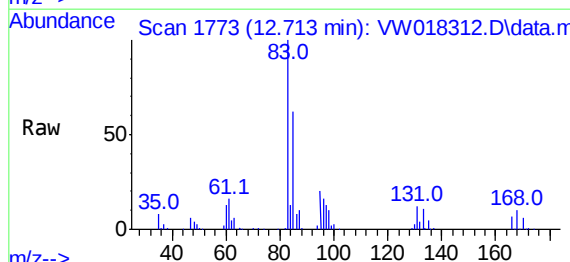
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

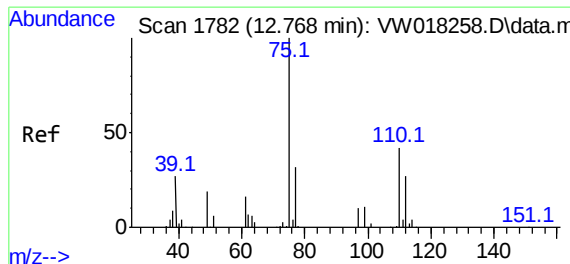
Tgt Ion:105 Resp: 465223
Ion Ratio Lower Upper
105 100
120 25.1 20.9 31.3
77 15.8 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 23.01 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 83 Resp: 65031
Ion Ratio Lower Upper
83 100
85 62.3 49.0 91.0
131 11.8 8.7 13.1

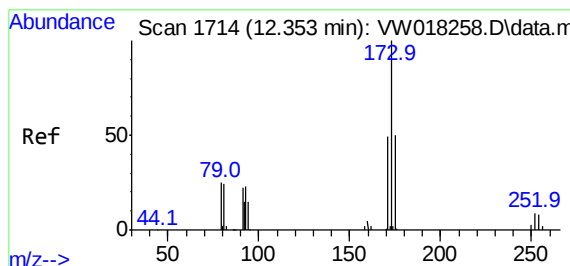
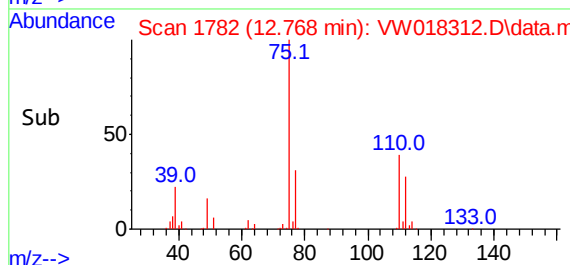
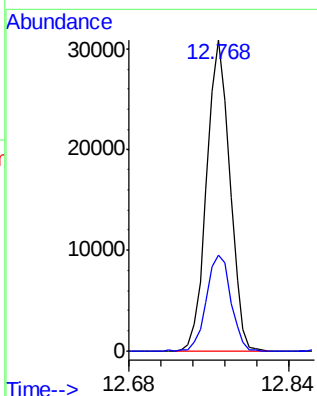
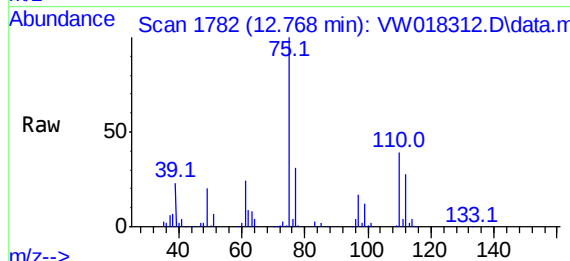




#59
1,2,3-Trichloropropane
Concen: 22.66 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

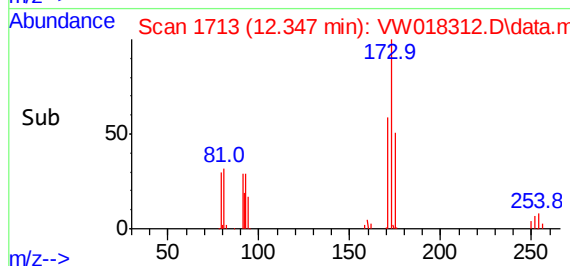
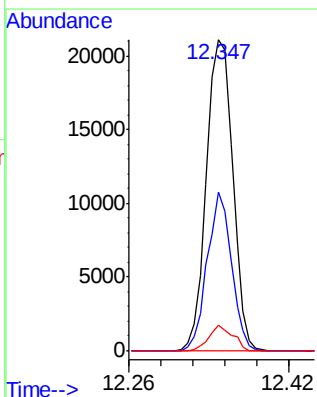
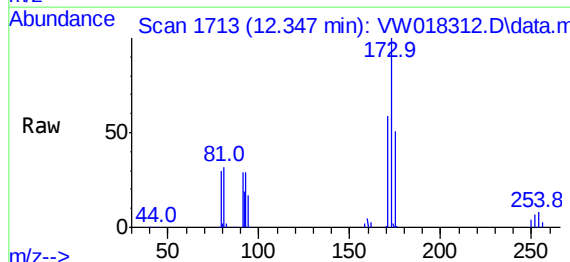
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

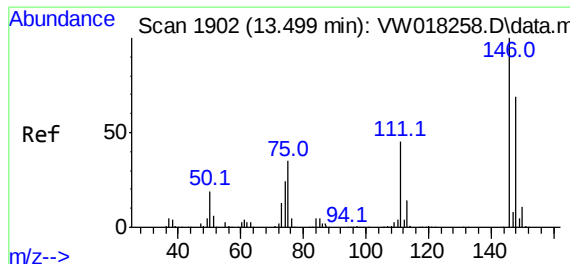
Tgt Ion: 75 Resp: 48543
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4



#62
Bromoform
Concen: 24.05 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 173 Resp: 37944
Ion Ratio Lower Upper
173 100
175 46.8 38.2 57.2
254 7.2 6.0 9.0

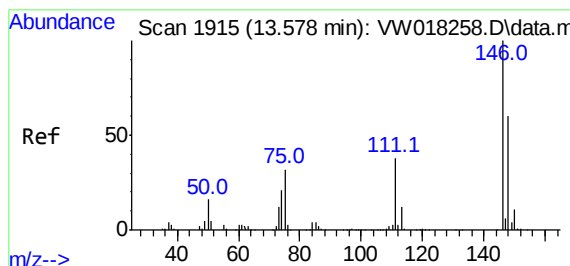
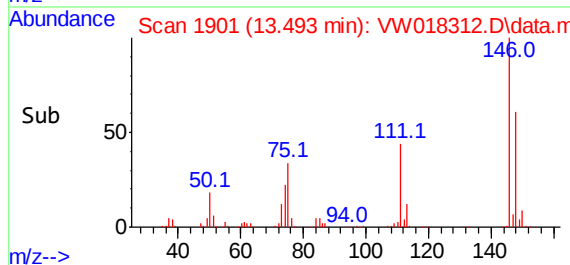
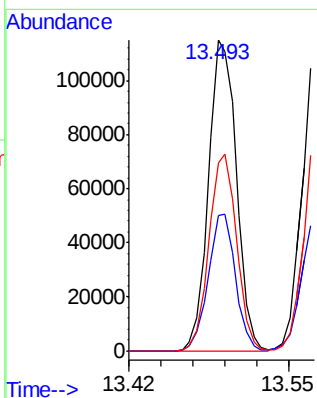
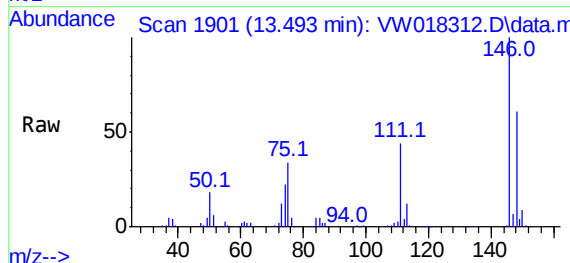




#63
1,3-Dichlorobenzene
Concen: 26.89 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

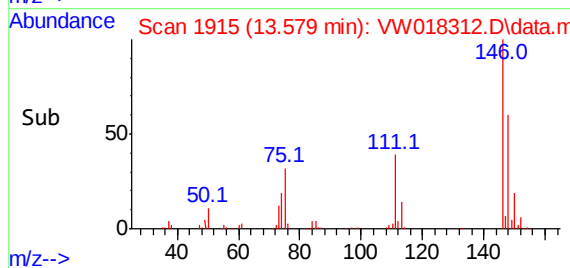
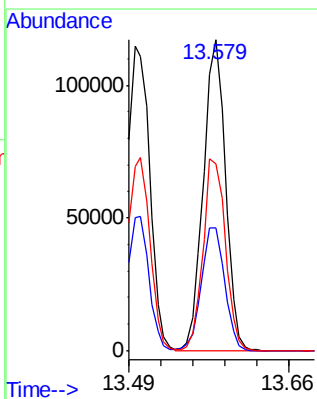
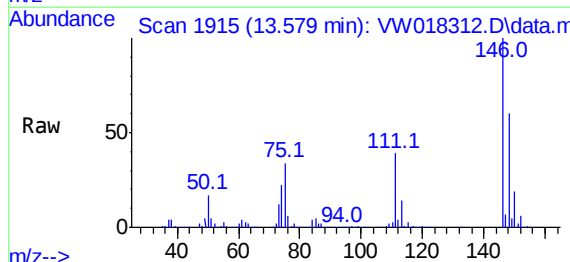
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

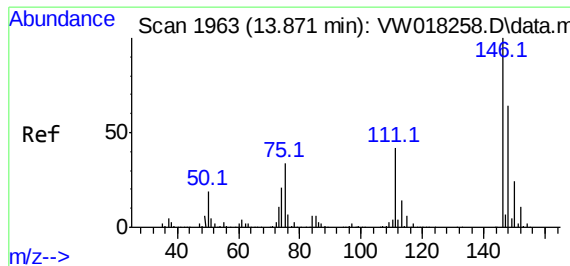
Tgt Ion:146 Resp: 191478
Ion Ratio Lower Upper
146 100
111 43.6 27.5 51.1
148 60.5 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 26.44 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion:146 Resp: 186274
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.5
148 59.9 47.3 87.9

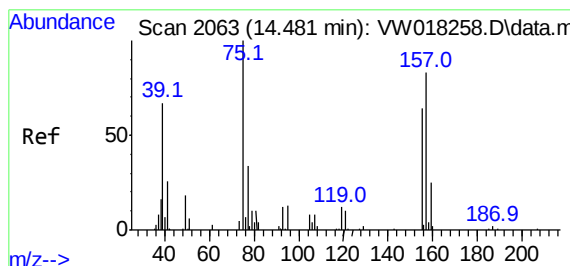
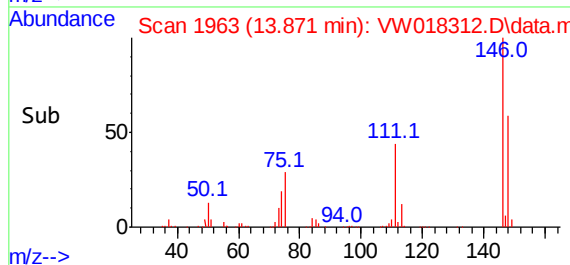
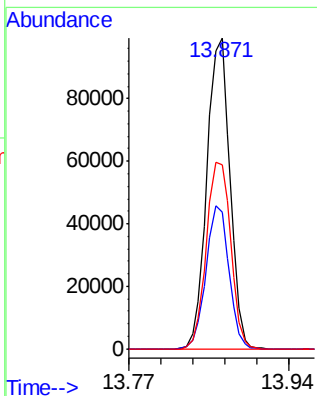
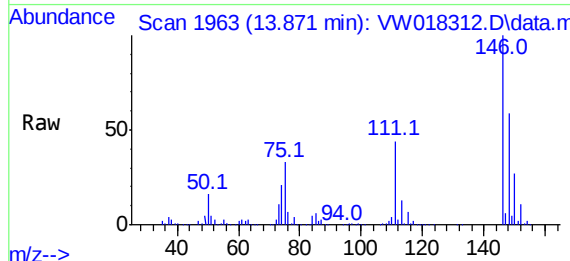




#65
1,2-Dichlorobenzene
Concen: 25.70 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

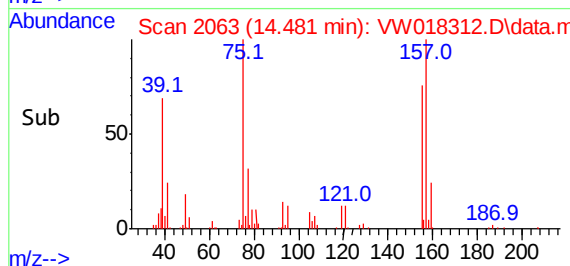
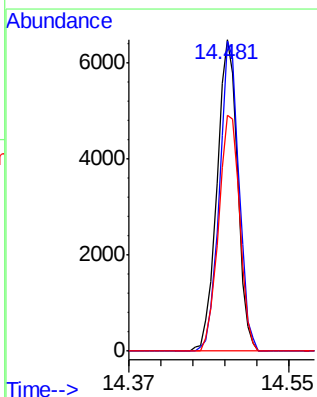
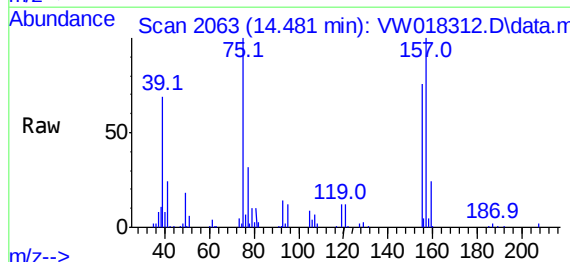
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

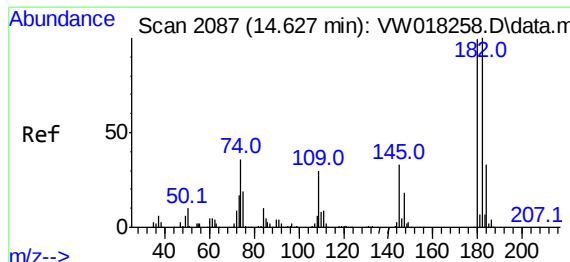
Tgt Ion:146 Resp: 164679
Ion Ratio Lower Upper
146 100
111 43.9 36.0 54.0
148 59.3 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 21.48 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion: 75 Resp: 10745
Ion Ratio Lower Upper
75 100
157 99.7 65.2 97.8#
155 75.7 60.1 90.1

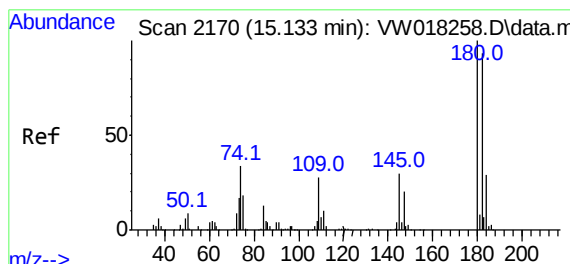
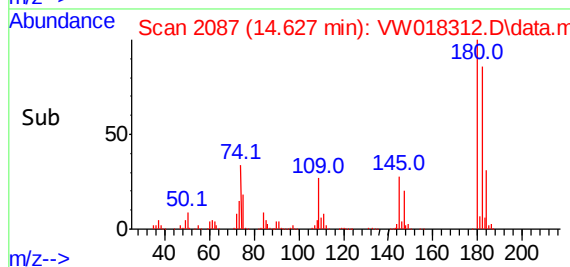
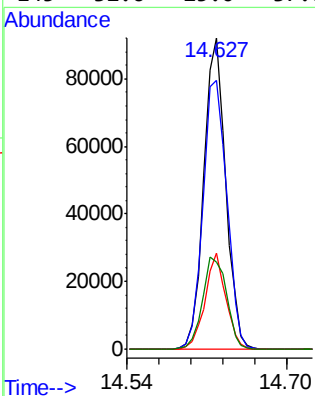
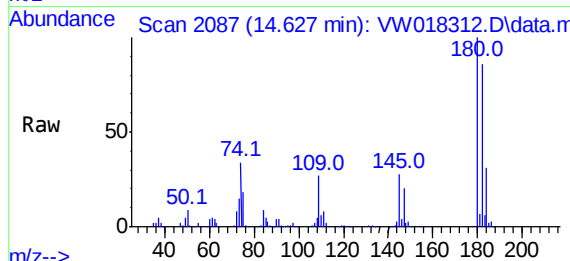




#67
1,3,5-Trichlorobenzene
Concen: 26.20 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

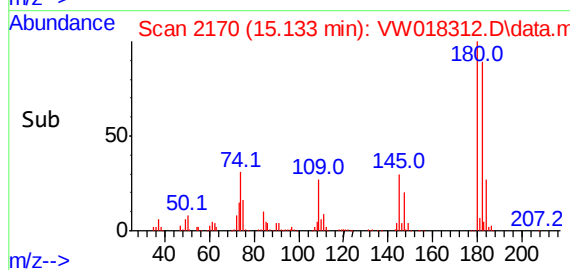
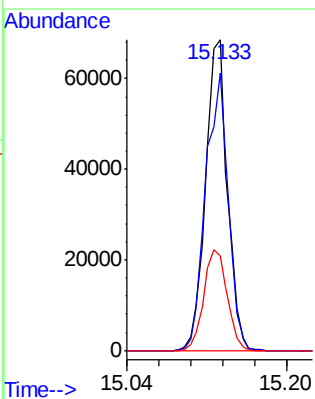
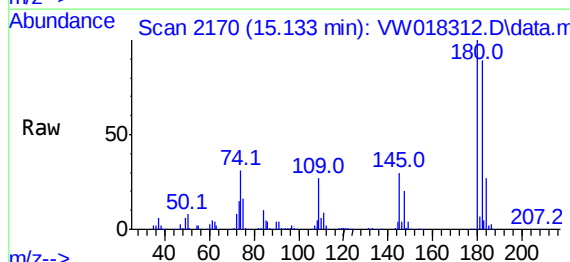
Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

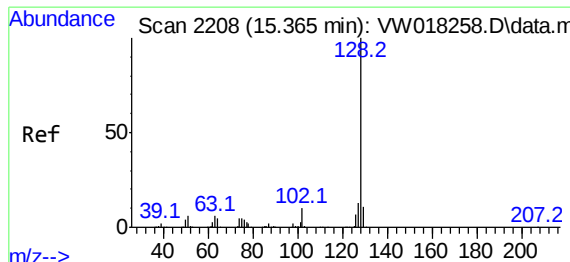
Tgt Ion:180 Resp: 136207
Ion Ratio Lower Upper
180 100
182 94.2 71.8 107.8
184 29.1 23.5 35.3
145 32.6 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 25.12 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion:180 Resp: 107159
Ion Ratio Lower Upper
180 100
182 92.8 70.2 105.4
145 34.6 24.9 37.3

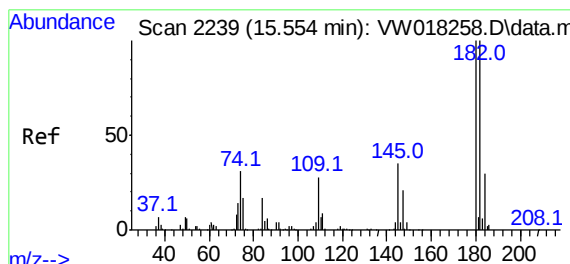
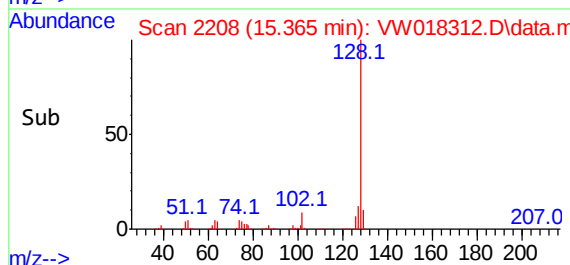
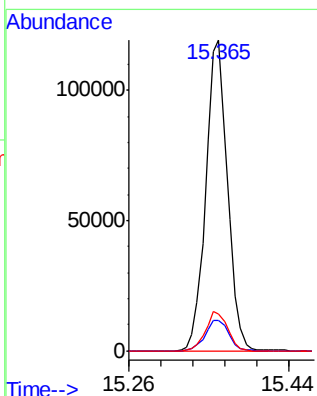
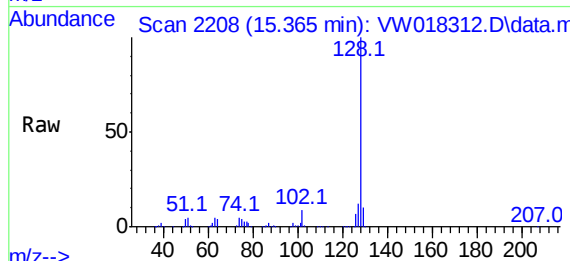




#69
Naphthalene
Concen: 23.84 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD02501

Tgt Ion:128 Resp: 200121
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.9 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.27 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018312.D
Acq: 12 Mar 2021 11:25

Tgt Ion:180 Resp: 90108
Ion Ratio Lower Upper
180 100
182 96.1 76.5 114.7
145 35.8 27.7 41.5

