

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017924.D
 Acq On : 18 Jan 2021 12:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Jan 19 06:48:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 12:12:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	421492	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	390303	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	199045	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	161794	24.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.84%		
7) Chloroethane-d5	2.885	69	136247	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.76%		
10) 1,1-Dichloroethene-d2	4.025	63	299251	25.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	100.16%		
20) 2-Butanone-d5	7.080	46	85885	53.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.36%		
24) Chloroform-d	7.647	84	306100	26.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.44%		
26) 1,2-Dichloroethane-d4	8.305	65	176281	27.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.40%		
29) Benzene-d6	8.275	84	587142	26.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.12%		
33) 1,2-Dichloropropane-d6	9.274	67	170513	26.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.28%		
37) Toluene-d8	10.323	98	552846	26.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.44%		
38) trans-1,3-Dichloroprop...	10.579	79	81117	27.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	111.76%		
39) 2-Hexanone-d5	10.927	63	65108	57.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.26%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	157084	27.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.16%		
61) 1,2-Dichlorobenzene-d4	13.853	152	194593	28.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	112.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	134035	26.27	ug/L	93
3) Chloromethane	2.215	50	117406	25.45	ug/L	96
5) Vinyl chloride	2.367	62	185085	26.31	ug/L	97
6) Bromomethane	2.782	94	141700	25.08	ug/L	99
8) Chloroethane	2.922	64	115375	26.40	ug/L	97
9) Trichlorofluoromethane	3.263	101	137781	25.84	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	152289	25.96	ug/L #	69
12) 1,1-Dichloroethene	4.044	96	145694	26.34	ug/L	93
13) Acetone	4.123	43	55748	49.48	ug/L	96
14) Carbon disulfide	4.385	76	450165	26.29	ug/L	100
15) Methyl Acetate	4.672	43	74152	27.05	ug/L	97
16) Methylene chloride	4.915	84	156506	25.63	ug/L	97
17) Methyl tert-butyl Ether	5.428	73	211608	28.42	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	159831	26.71	ug/L	98
19) 1,1-Dichloroethane	6.220	63	276628	27.29	ug/L	100
21) 2-Butanone	7.171	43	92616	52.91	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	171602	27.38	ug/L	97
23) Bromochloromethane	7.519	128	77864	27.32	ug/L	93
25) Chloroform	7.677	83	295249	27.33	ug/L	99
27) 1,2-Dichloroethane	8.403	62	209124	28.07	ug/L	95

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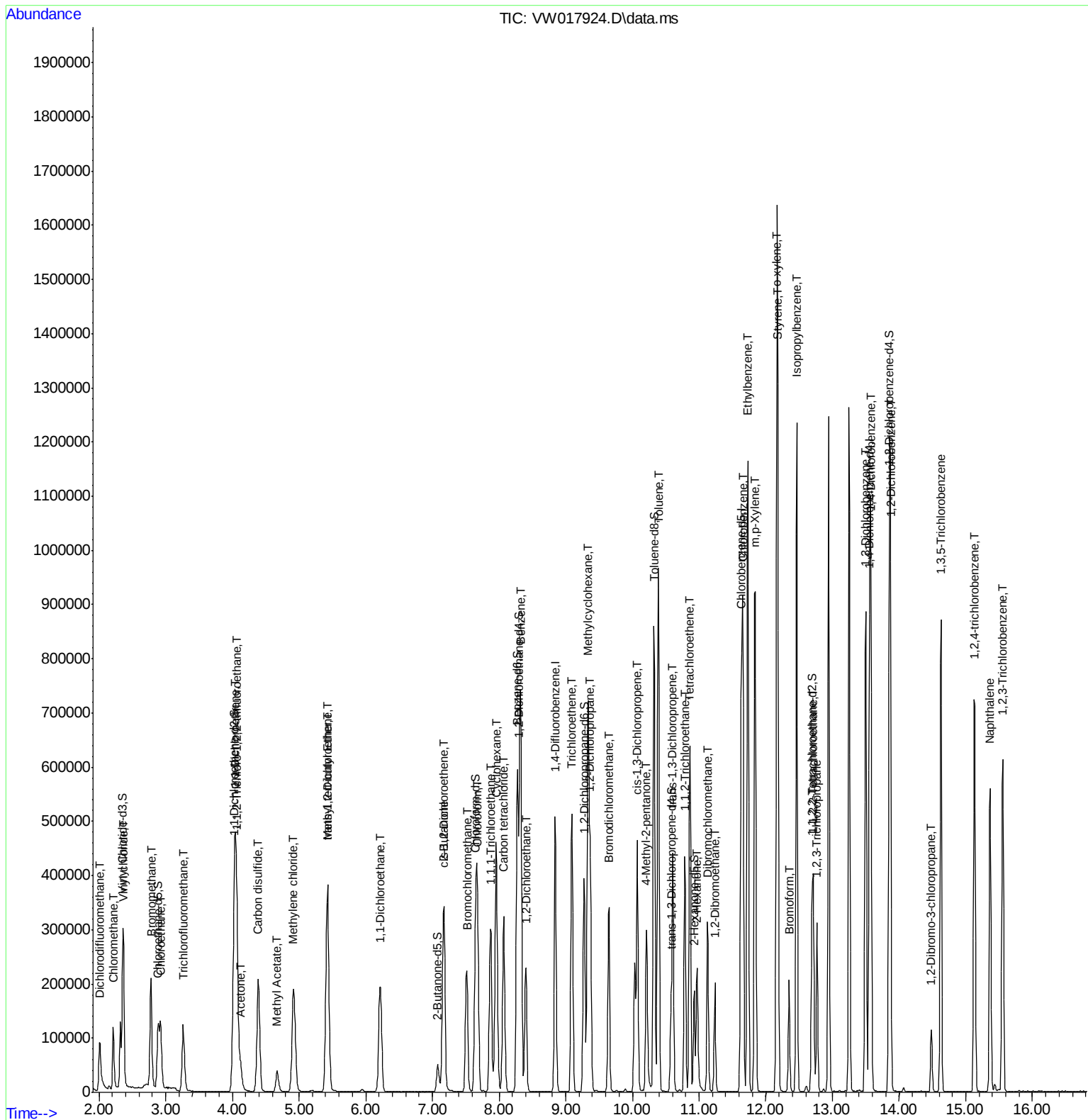
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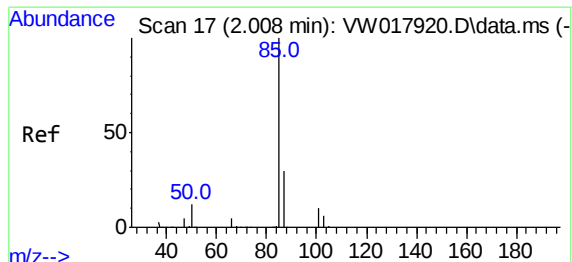
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	255101	26.60	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	243389	26.76	ug/L	97
32) Carbon tetrachloride	8.067	117	233607	26.86	ug/L	99
34) Benzene	8.323	78	623723	27.03	ug/L	100
35) Trichloroethene	9.092	95	174377	27.48	ug/L	94
36) Methylcyclohexane	9.335	83	293339	26.55	ug/L	99
40) 1,2-Dichloropropane	9.366	63	154381	27.65	ug/L	98
41) Bromodichloromethane	9.646	83	217482	28.23	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	247726	27.92	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	210976	56.21	ug/L	98
44) Toluene	10.390	91	695175	27.26	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	228344	29.46	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	127450	28.35	ug/L	98
47) Tetrachloroethene	10.860	164	131973	26.43	ug/L	95
49) 2-Hexanone	10.969	43	153007	59.69	ug/L	90
50) Dibromochloromethane	11.128	129	153107	28.53	ug/L	99
51) 1,2-Dibromoethane	11.237	107	127903	28.30	ug/L	96
52) Chlorobenzene	11.658	112	451556	27.47	ug/L	96
53) Ethylbenzene	11.731	91	792623	27.52	ug/L	99
54) m,p-Xylene	11.841	106	303795	27.25	ug/L	94
55) o-xylene	12.164	106	290039	28.09	ug/L	97
56) Styrene	12.182	104	497465	28.42	ug/L	99
57) Isopropylbenzene	12.463	105	784644	27.33	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	156217	28.16	ug/L	96
59) 1,2,3-Trichloropropane	12.768	75	118449	28.24	ug/L	98
62) Bromoform	12.347	173	86179	30.35	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	347698	27.90	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	355243	28.36	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	311918	27.79	ug/L	93
66) 1,2-Dibromo-3-chloropr...	14.481	75	28139	29.92	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.627	180	253690	29.13	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	215648	29.01	ug/L	94
69) Naphthalene	15.365	128	472156	29.68	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	198561	30.64	ug/L	98

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

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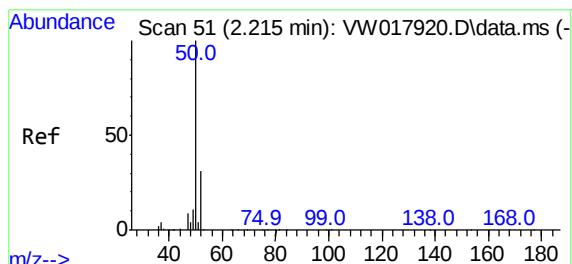
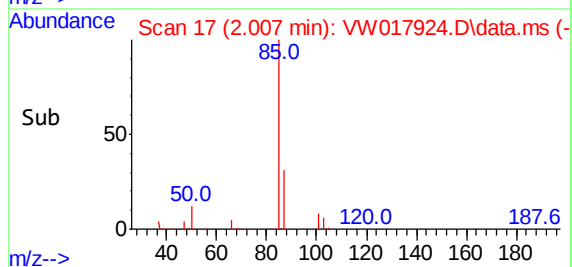
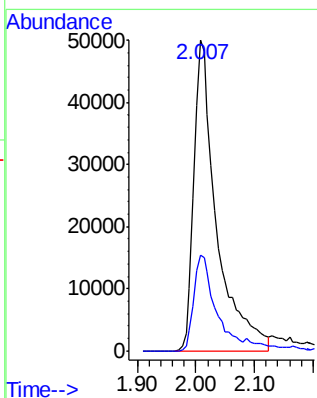
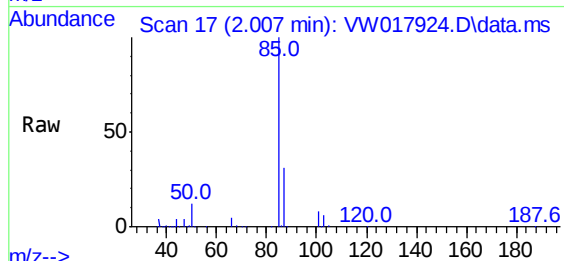




#2
Dichlorodifluoromethane
Concen: 26.27 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.001 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

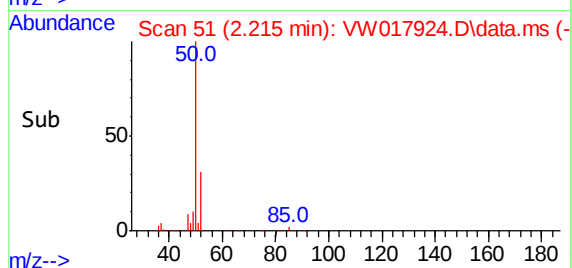
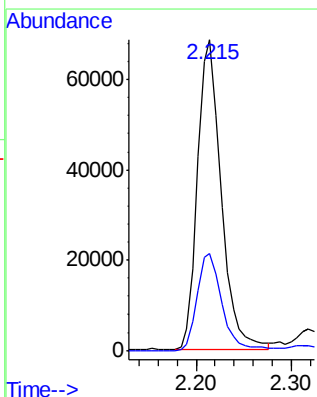
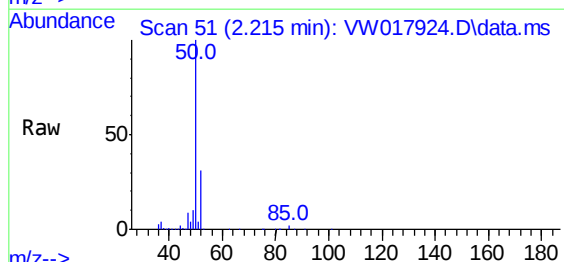
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ClientSampleId :
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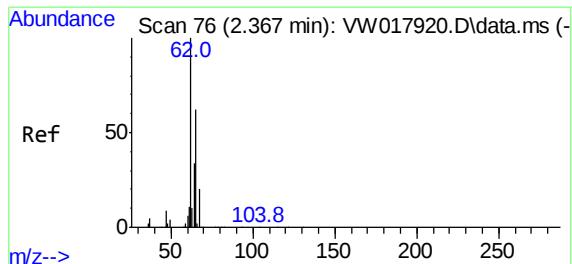
Tgt Ion: 85 Resp: 134035
Ion Ratio Lower Upper
85 100
87 29.3 23.2 43.0



#3
Chloromethane
Concen: 25.45 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 50 Resp: 117406
Ion Ratio Lower Upper
50 100
52 31.3 23.4 43.6

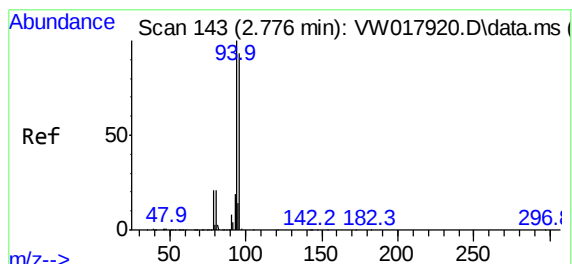
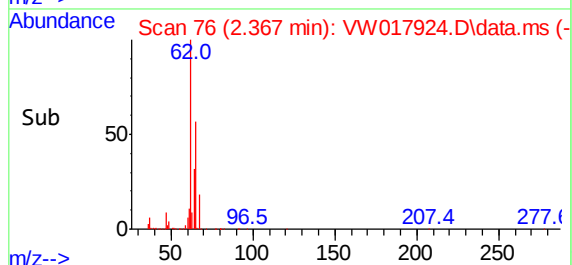
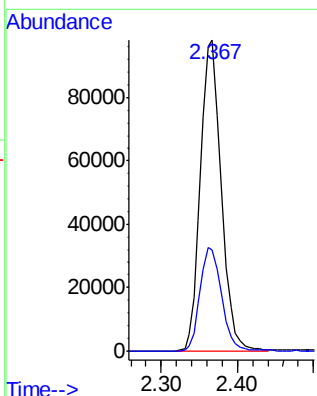
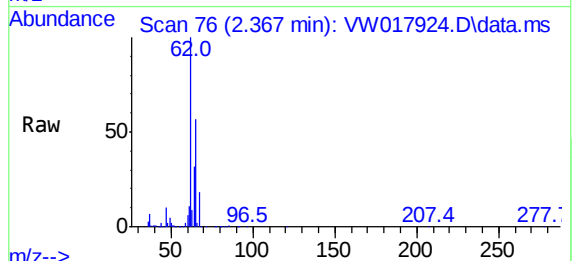




#5
 Vinyl chloride
 Concen: 26.31 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

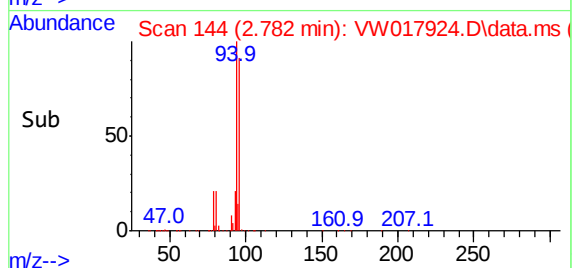
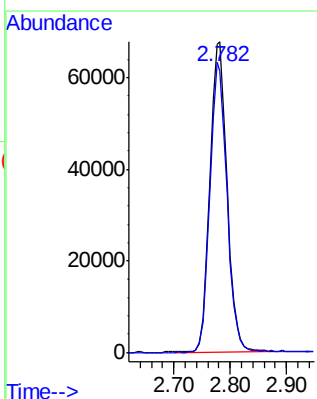
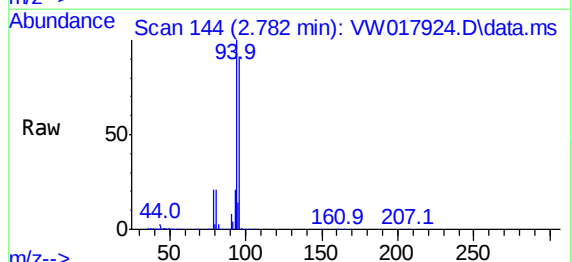
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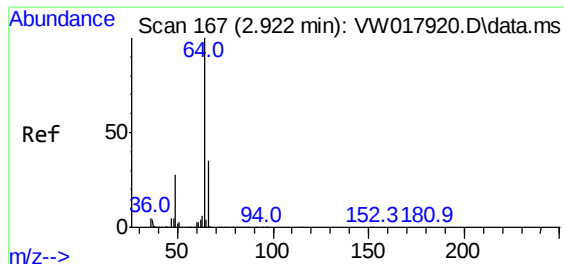
Tgt Ion: 62 Resp: 185085
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.9 44.5



#6
 Bromomethane
 Concen: 25.08 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

Tgt Ion: 94 Resp: 141700
 Ion Ratio Lower Upper
 94 100
 96 92.4 9.4 178.0

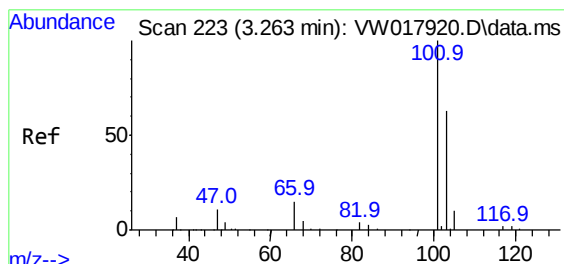
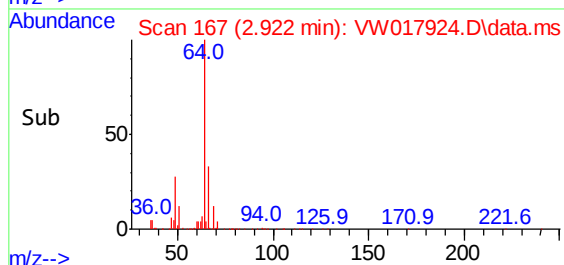
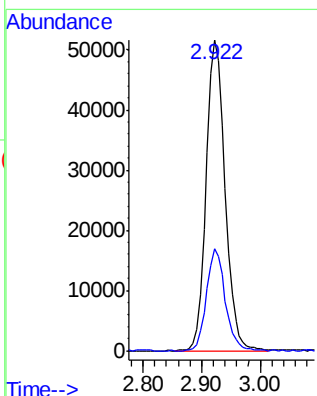
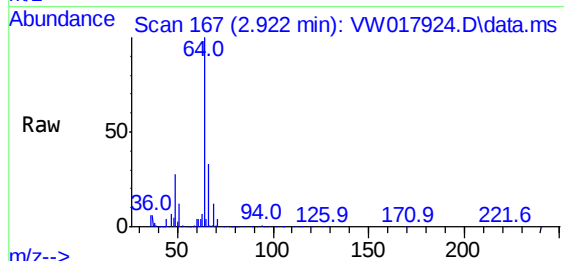




#8
Chloroethane
Concen: 26.40 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

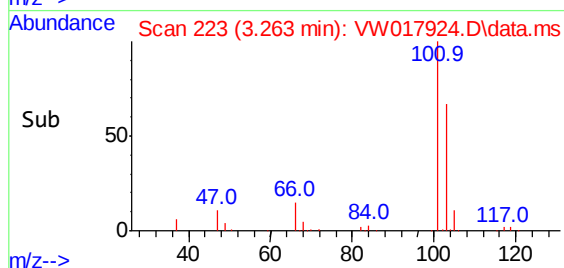
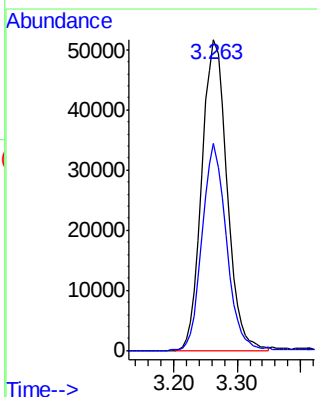
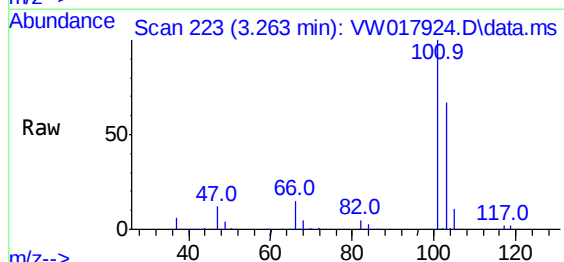
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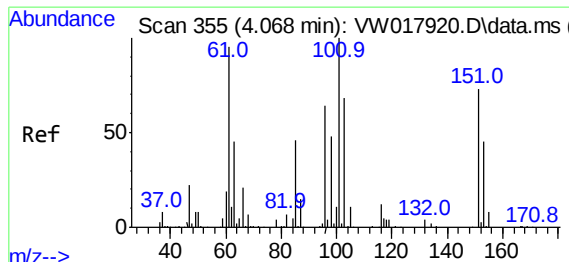
Tgt Ion: 64 Resp: 115375
Ion Ratio Lower Upper
64 100
66 32.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.84 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion:101 Resp: 137781
Ion Ratio Lower Upper
101 100
103 63.8 45.0 83.6

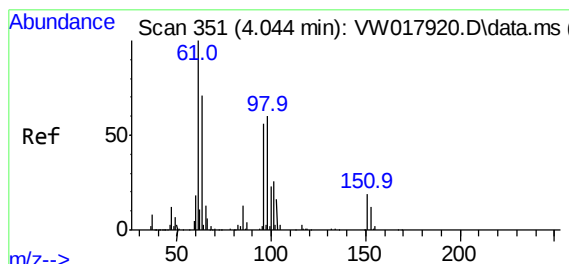
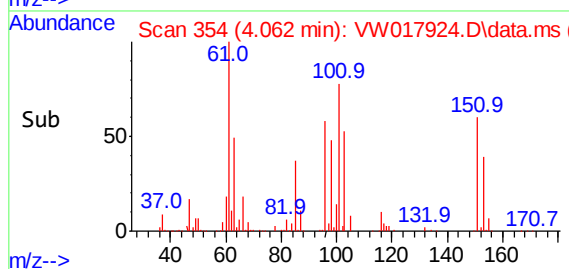
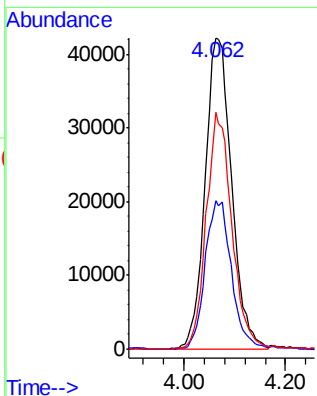
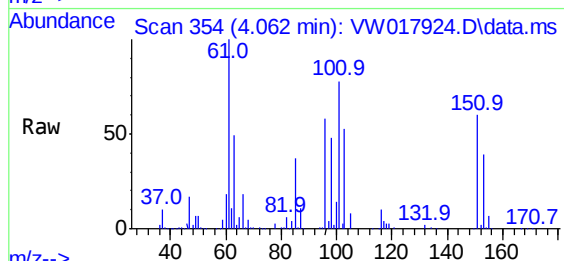




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.96 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

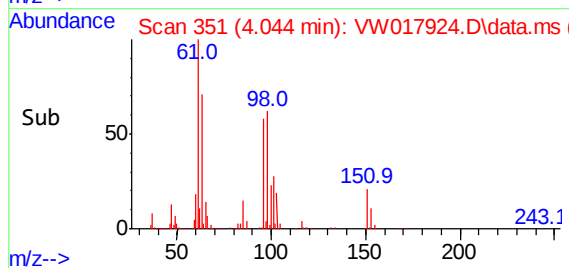
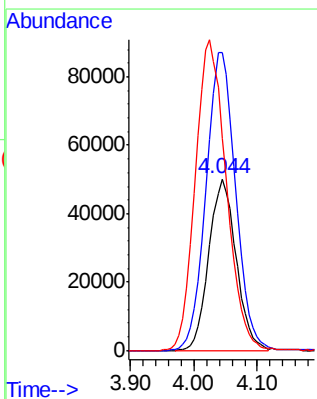
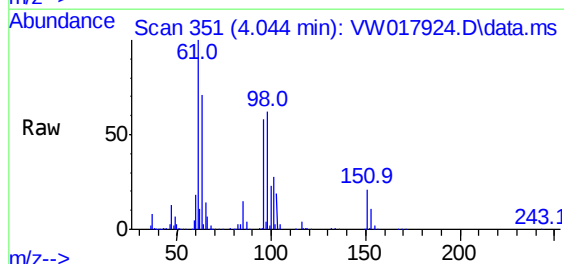
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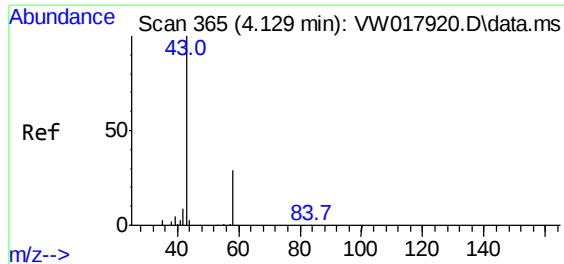
Tgt Ion:101 Resp: 152289
 Ion Ratio Lower Upper
 101 100
 85 47.0 34.2 51.4
 151 73.3 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 26.34 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

Tgt Ion: 96 Resp: 145694
 Ion Ratio Lower Upper
 96 100
 61 173.4 112.5 208.9
 63 123.2 83.1 154.3

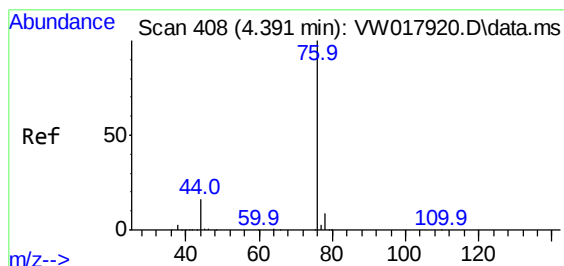
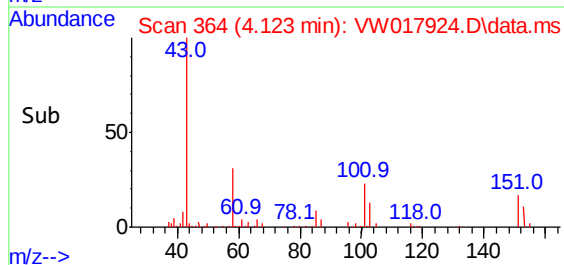
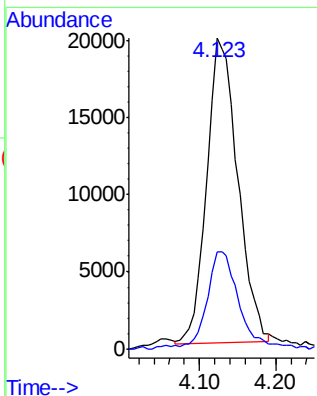
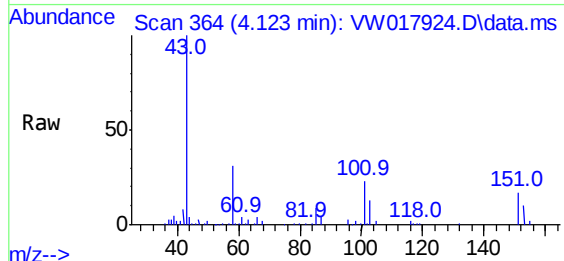




#13
Acetone
Concen: 49.48 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

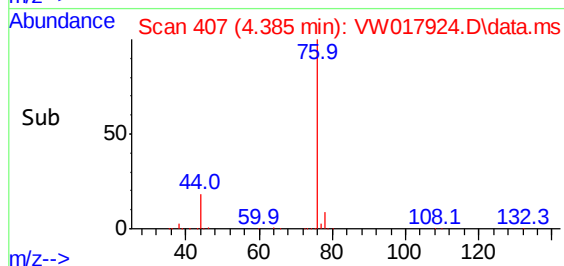
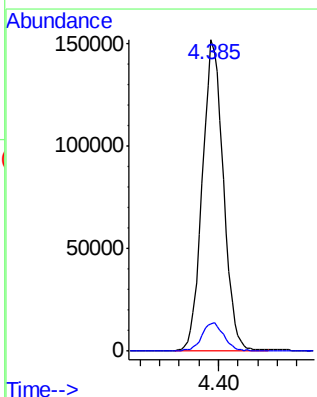
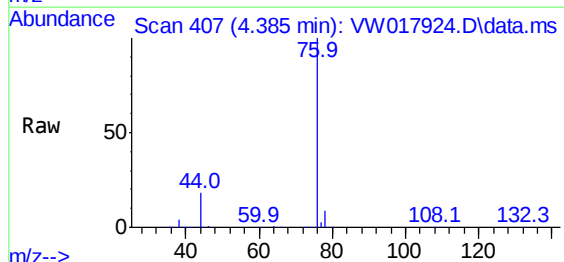
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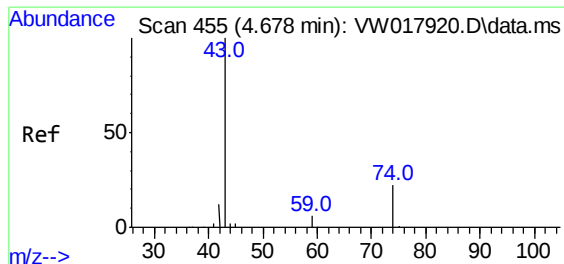
Tgt Ion: 43 Resp: 55748
Ion Ratio Lower Upper
43 100
58 31.7 0.0 68.4



#14
Carbon disulfide
Concen: 26.29 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 76 Resp: 450165
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

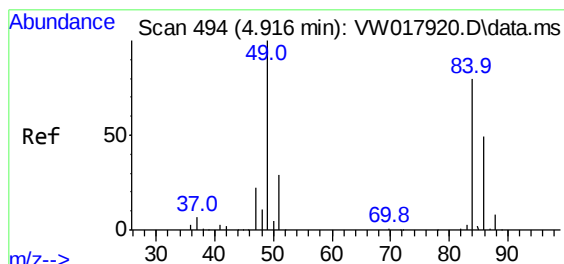
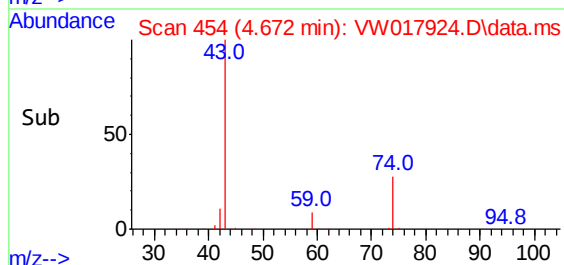
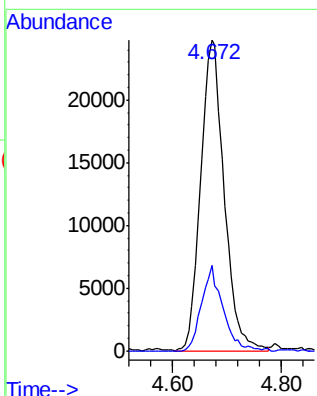
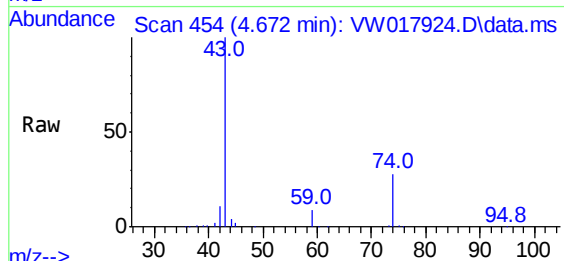




#15
Methyl Acetate
Concen: 27.05 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

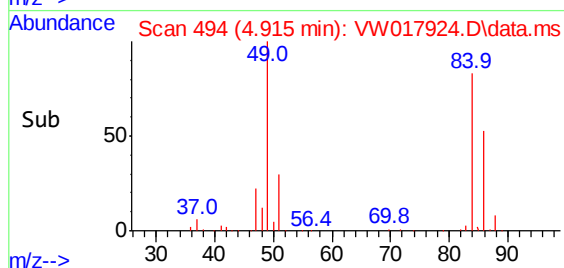
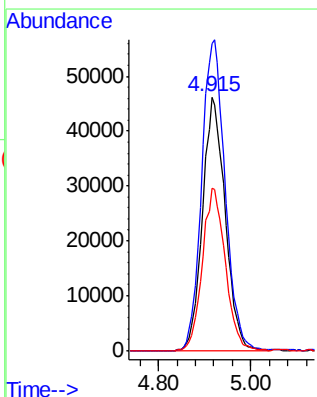
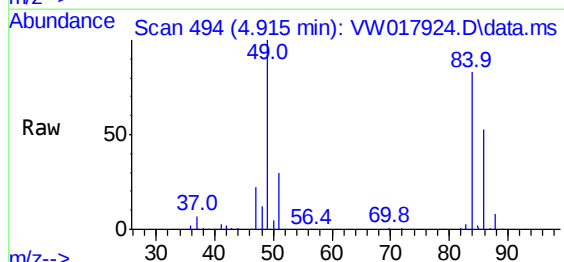
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

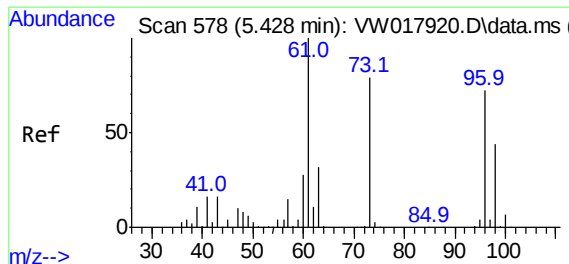
Tgt Ion: 43 Resp: 74152
Ion Ratio Lower Upper
43 100
74 24.2 20.7 31.1



#16
Methylene chloride
Concen: 25.63 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 84 Resp: 156506
Ion Ratio Lower Upper
84 100
49 120.9 81.2 150.8
86 64.1 44.5 82.7



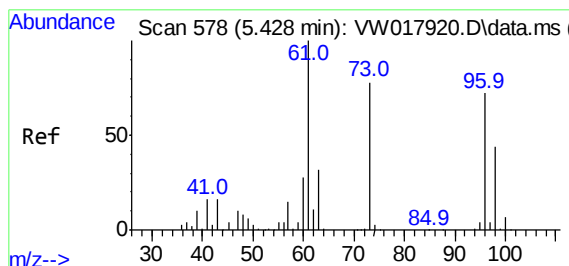
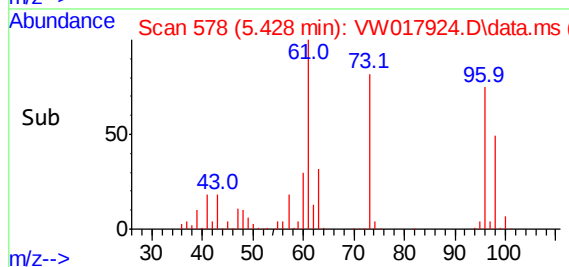
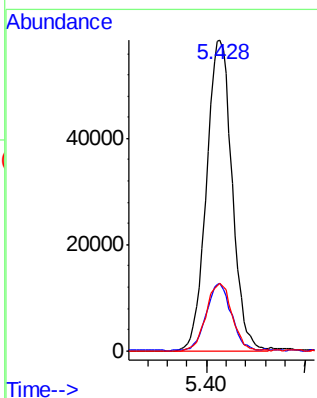
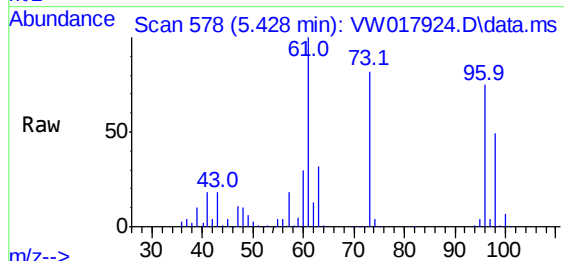


#17
Methyl tert-butyl Ether
Concen: 28.42 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 73 Resp: 211608

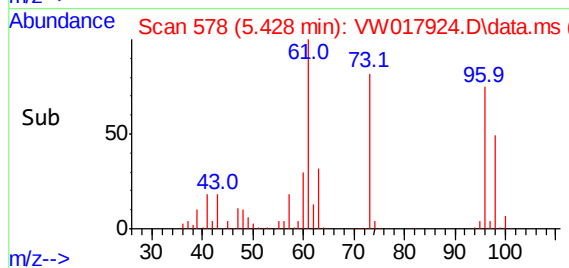
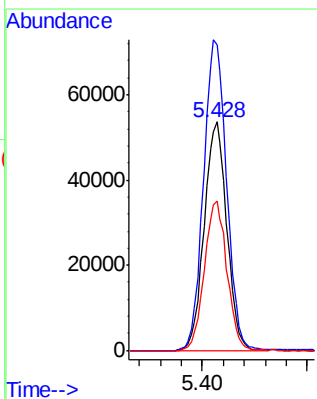
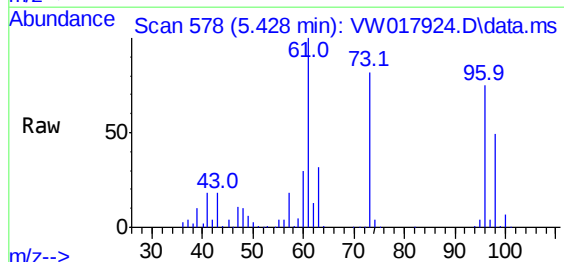
Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.2	24.4
57	22.0	17.2	25.8

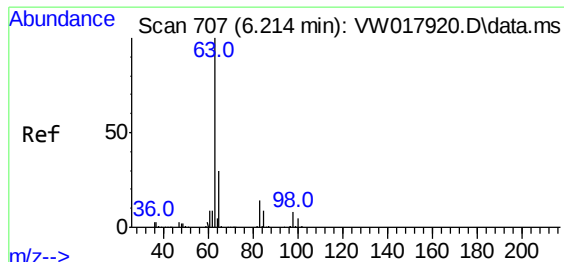


#18
trans-1,2-Dichloroethene
Concen: 26.71 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 96 Resp: 159831

Ion	Ratio	Lower	Upper
96	100		
61	133.9	92.7	172.1
98	65.3	43.3	80.3

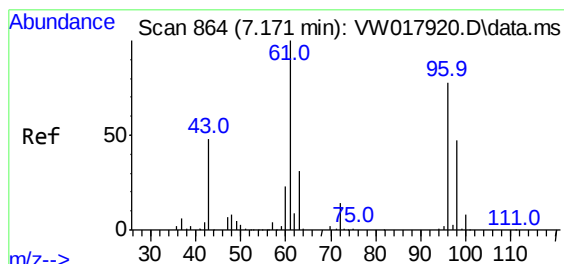
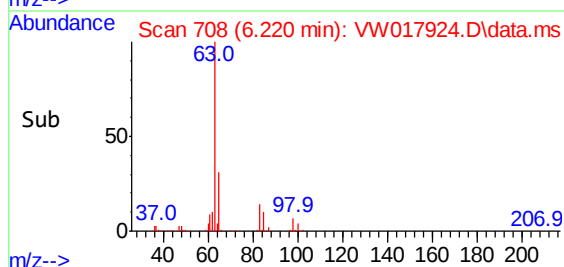
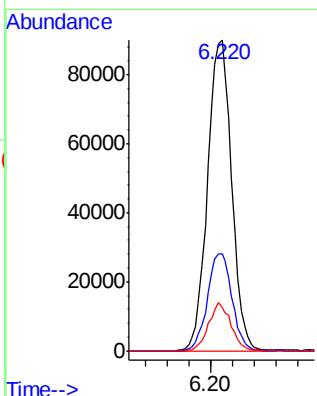
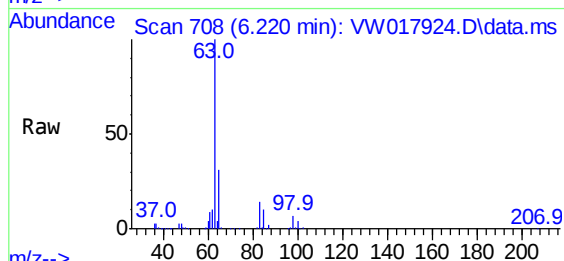




#19
1,1-Dichloroethane
Concen: 27.29 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

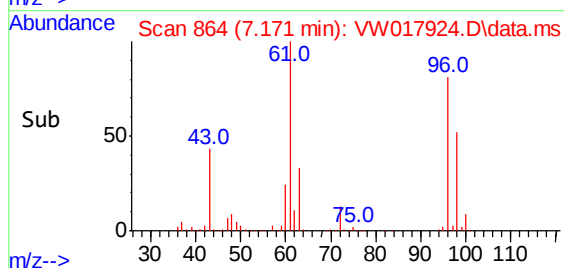
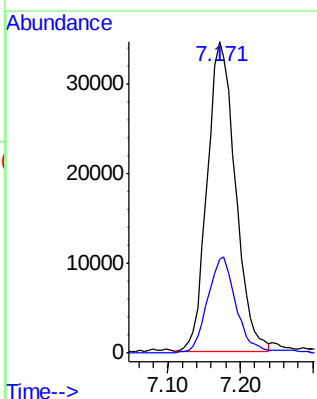
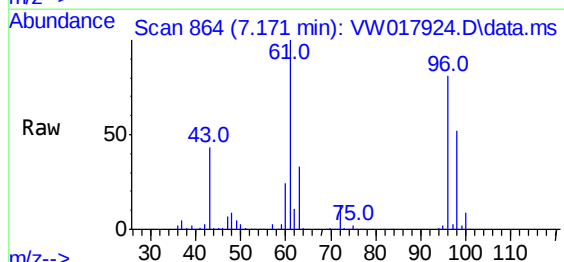
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

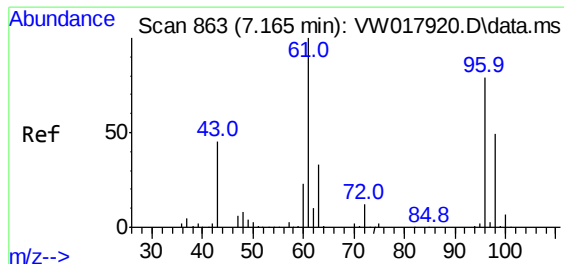
Tgt Ion: 63 Resp: 276628
Ion Ratio Lower Upper
63 100
65 31.2 21.9 40.7
83 13.8 9.4 17.6



#21
2-Butanone
Concen: 52.91 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 43 Resp: 92616
Ion Ratio Lower Upper
43 100
72 31.0 14.4 43.2



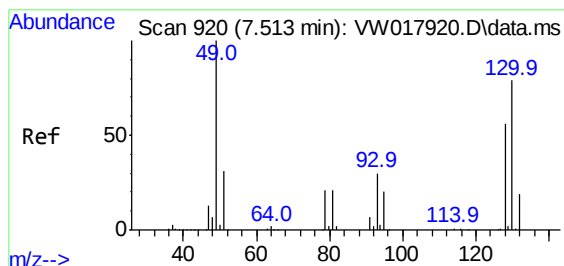
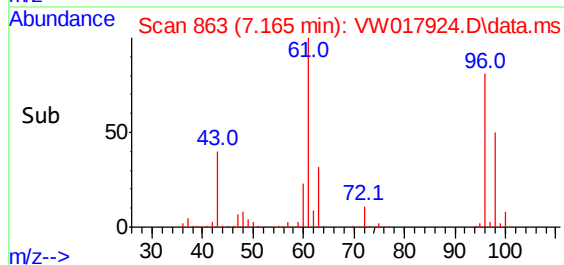
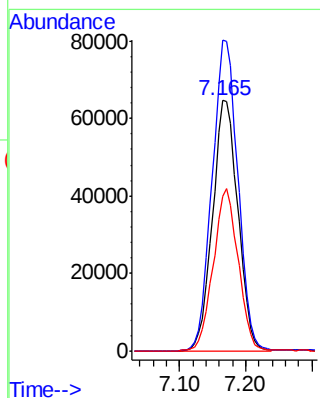
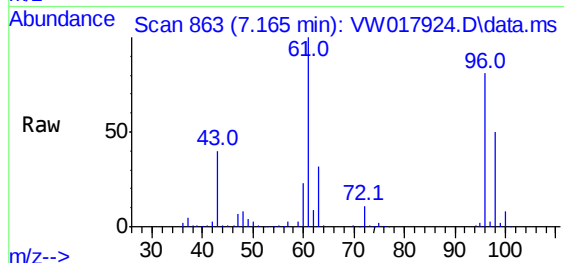


#22
 cis-1,2-Dichloroethene
 Concen: 27.38 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02523

Tgt Ion: 96 Resp: 171602

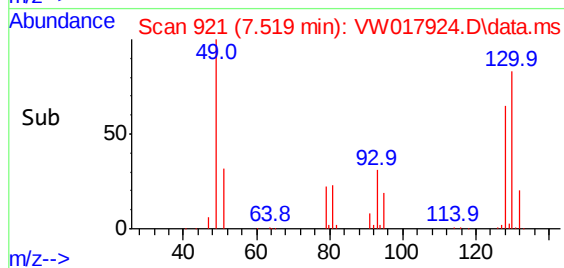
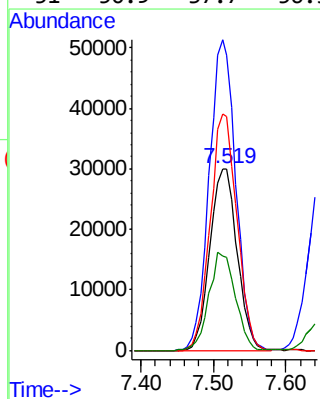
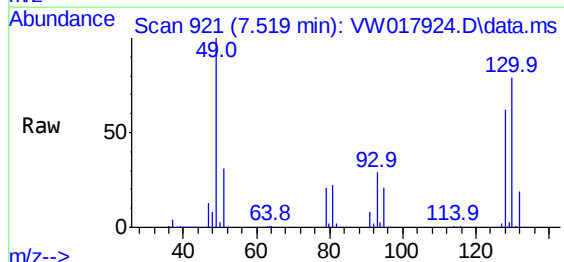
Ion	Ratio	Lower	Upper
96	100		
61	124.2	84.6	157.2
98	61.9	44.7	82.9

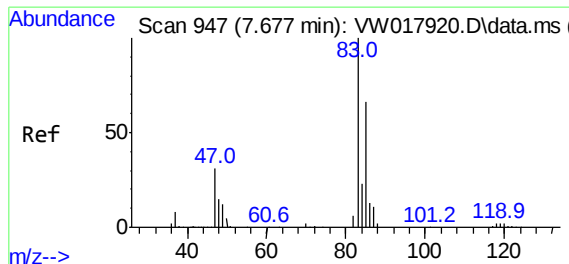


#23
 Bromochloromethane
 Concen: 27.32 ug/L
 RT: 7.519 min Scan# 921
 Delta R.T. 0.006 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

Tgt Ion: 128 Resp: 77864

Ion	Ratio	Lower	Upper
128	100		
49	162.5	101.6	188.6
130	128.3	90.4	167.8
51	50.9	37.7	56.5

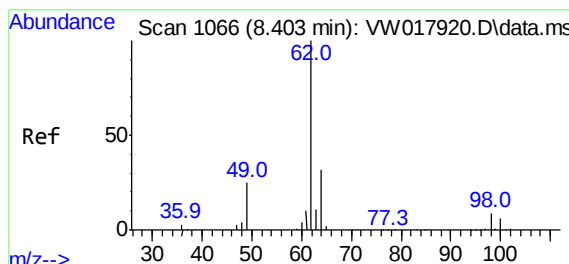
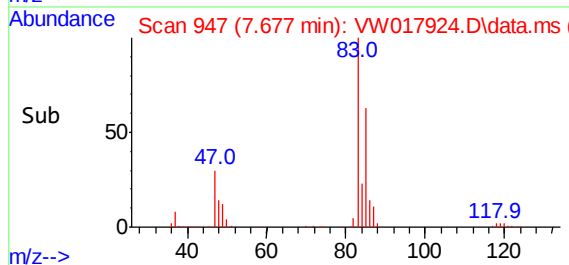
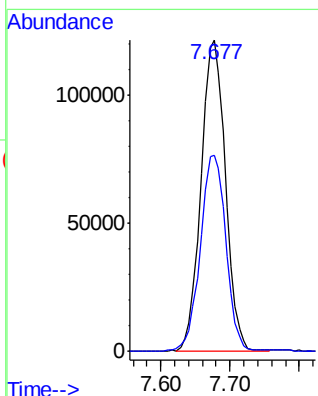
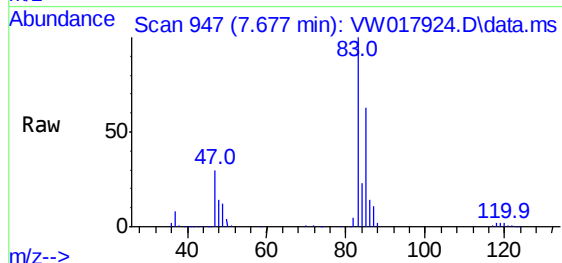




#25
Chloroform
Concen: 27.33 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

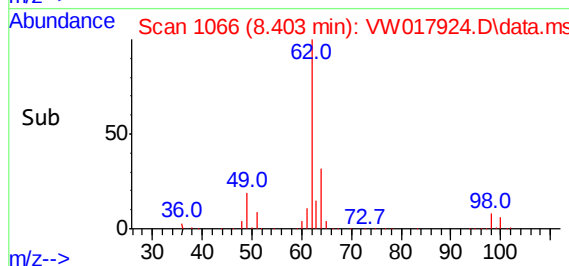
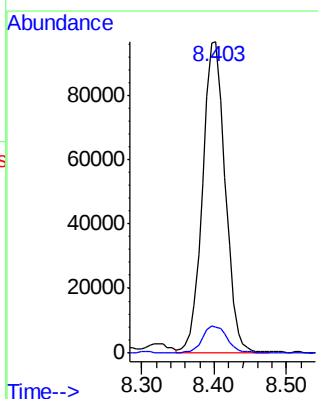
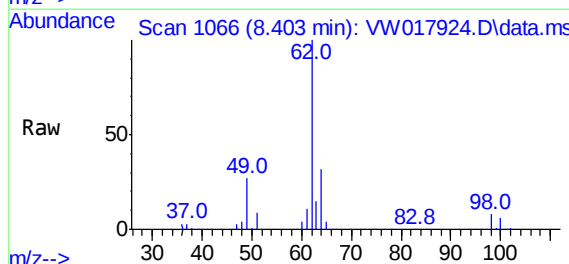
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

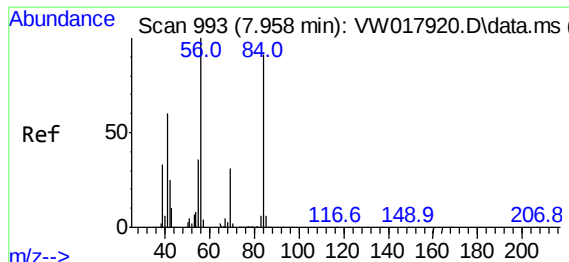
Tgt Ion: 83 Resp: 295249
Ion Ratio Lower Upper
83 100
85 65.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 28.07 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 62 Resp: 209124
Ion Ratio Lower Upper
62 100
98 8.1 8.0 12.0

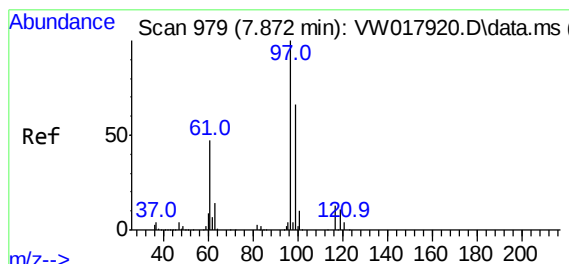
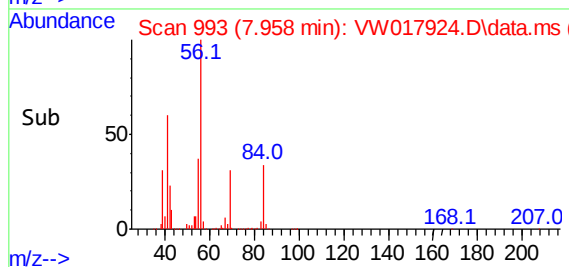
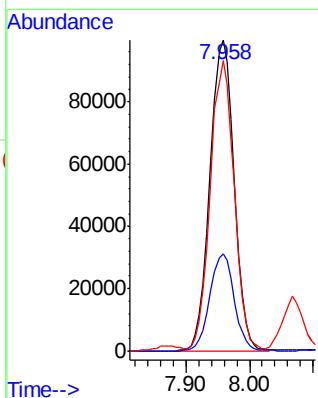
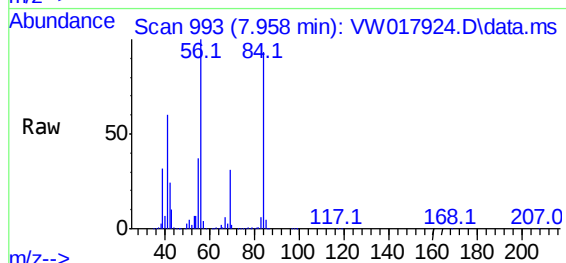




#30
Cyclohexane
Concen: 26.60 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

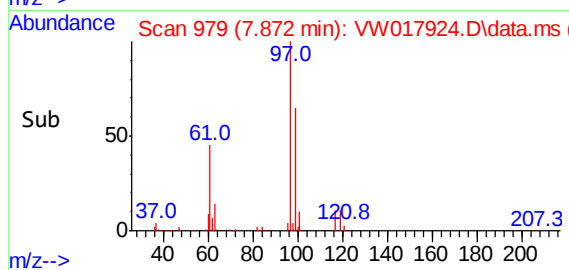
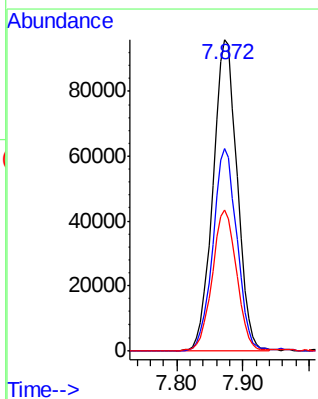
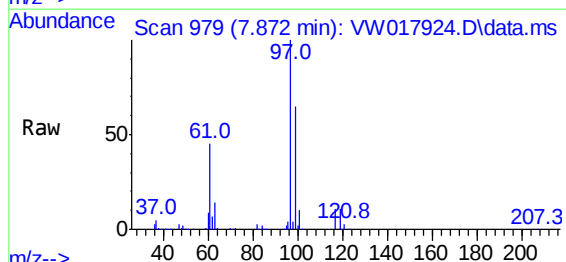
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

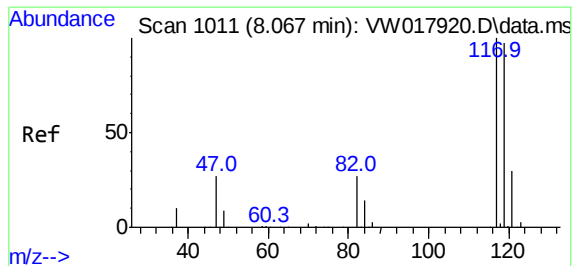
Tgt Ion: 56 Resp: 255101
Ion Ratio Lower Upper
56 100
69 31.3 24.8 37.2
84 92.2 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 26.76 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 97 Resp: 243389
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 45.4 33.6 50.4

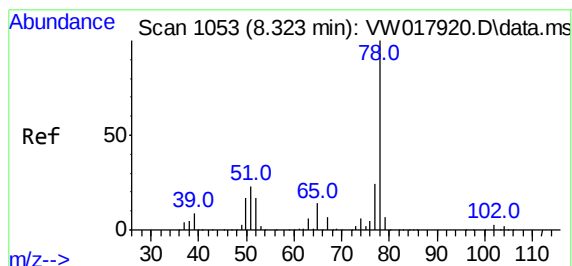
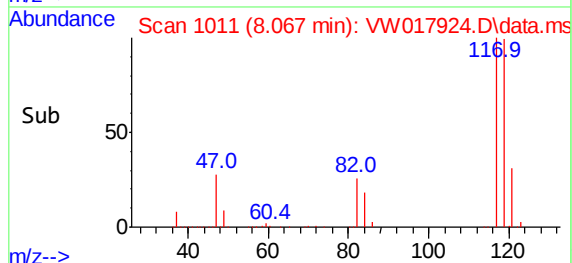
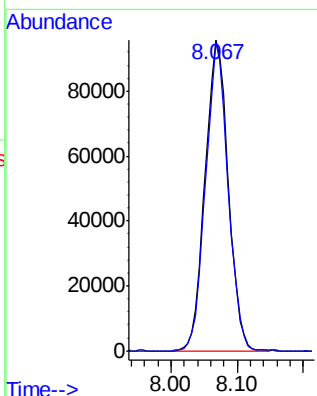
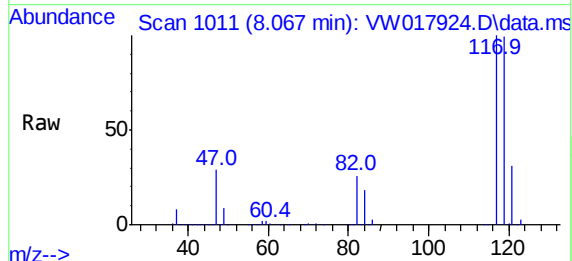




#32
Carbon tetrachloride
Concen: 26.86 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

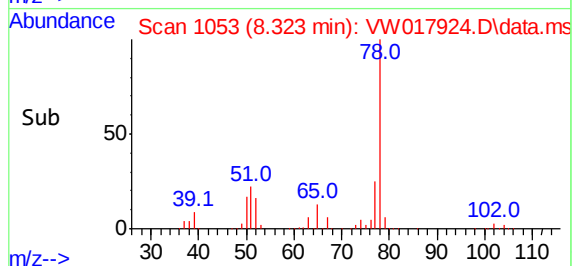
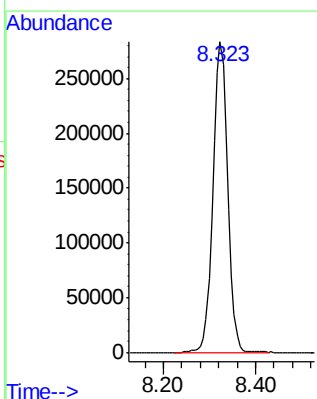
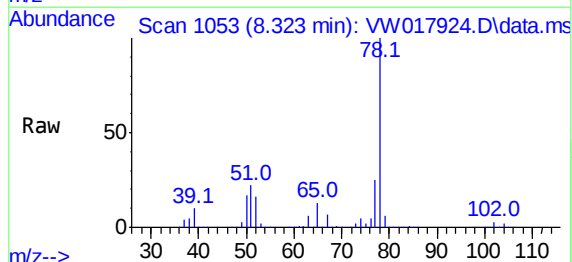
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

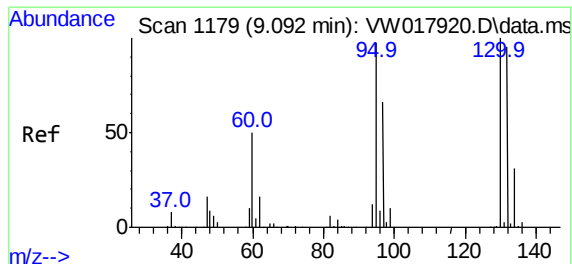
Tgt Ion:117 Resp: 233607
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8



#34
Benzene
Concen: 27.03 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 78 Resp: 623723



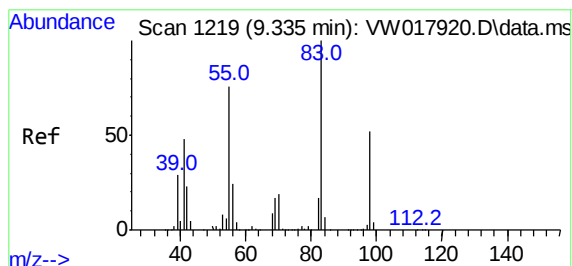
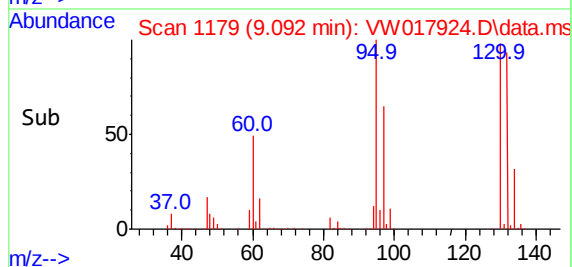
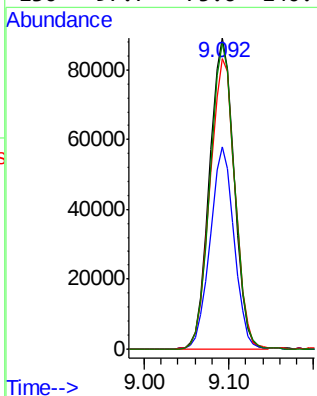
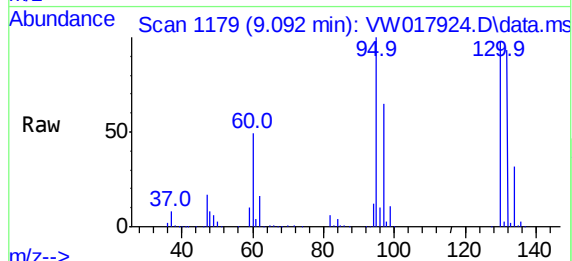


#35
Trichloroethene
Concen: 27.48 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 95 Resp: 174377

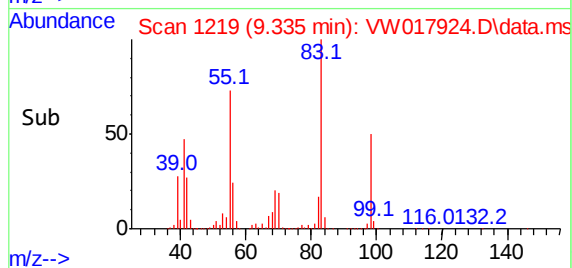
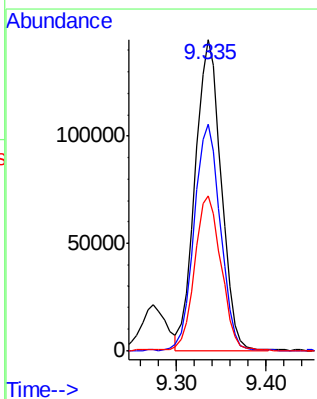
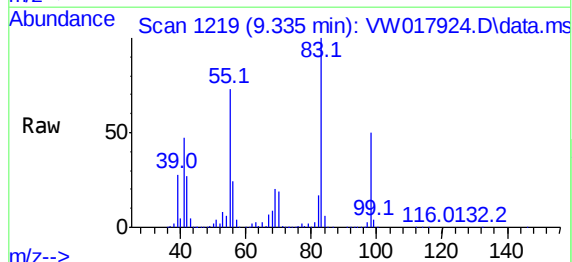
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.0	83.6
132	95.3	71.0	131.8
130	97.7	75.6	140.4

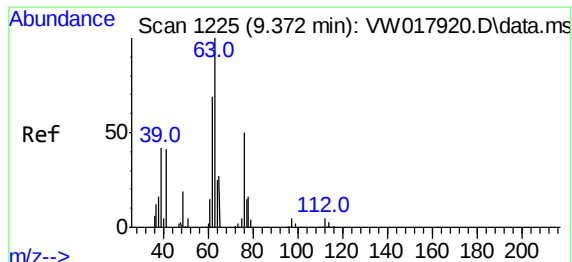


#36
Methylcyclohexane
Concen: 26.55 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 83 Resp: 293339

Ion	Ratio	Lower	Upper
83	100		
55	73.3	59.4	89.0
98	50.4	40.7	61.1

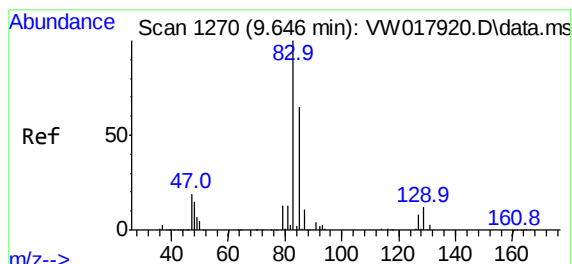
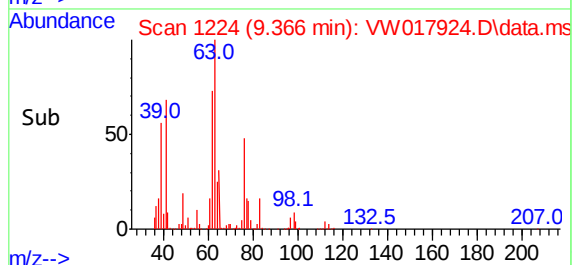
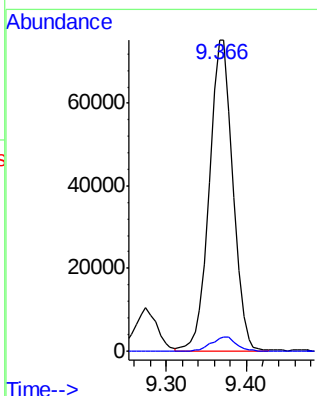
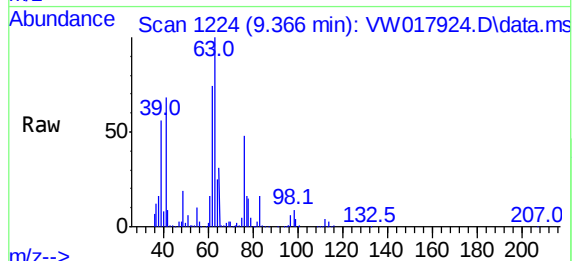




#40
1,2-Dichloropropane
Concen: 27.65 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

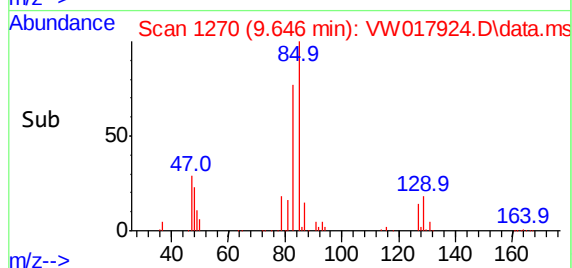
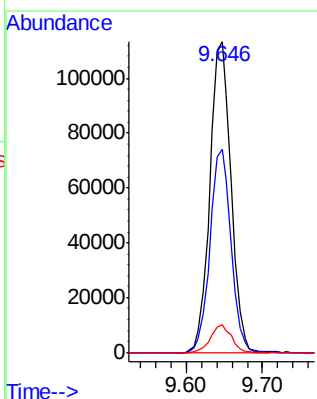
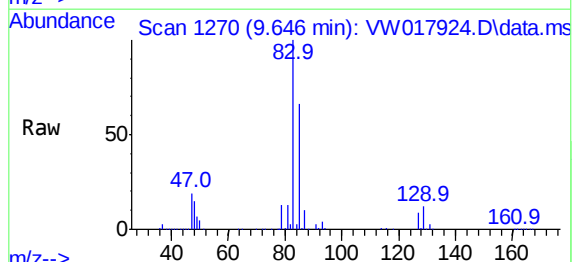
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

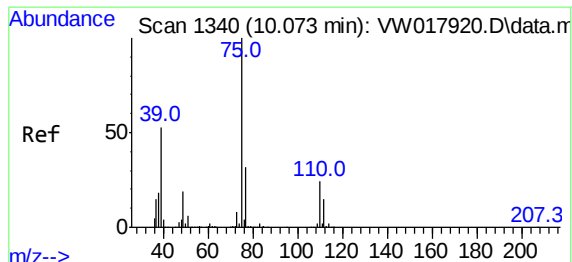
Tgt Ion: 63 Resp: 154381
Ion Ratio Lower Upper
63 100
112 4.6 4.2 6.4



#41
Bromodichloromethane
Concen: 28.23 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 83 Resp: 217482
Ion Ratio Lower Upper
83 100
85 65.5 46.8 86.8
127 9.1 7.6 11.4



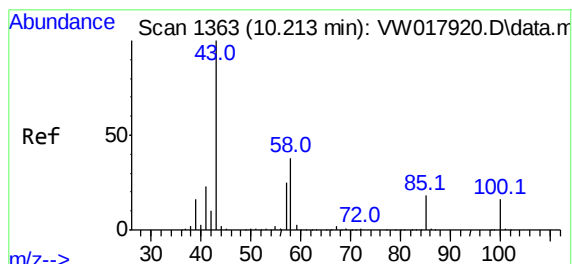
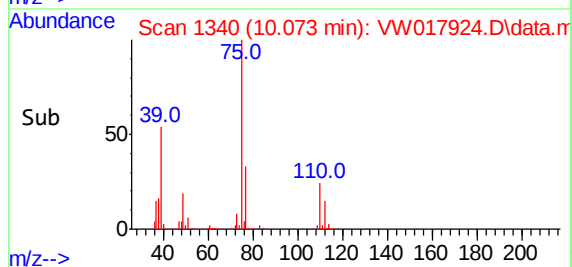
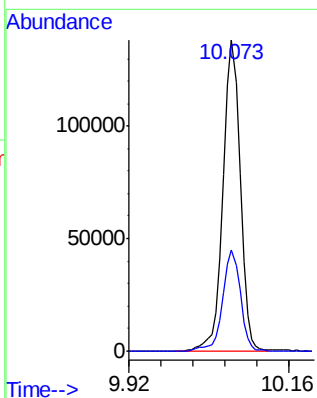
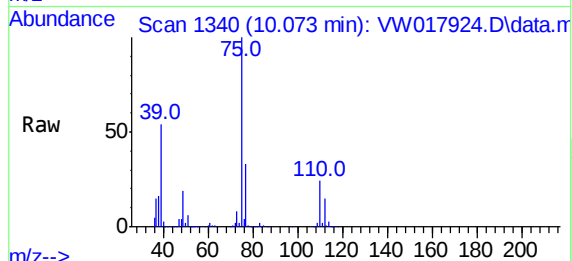


#42
 cis-1,3-Dichloropropene
 Concen: 27.92 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD02523

Tgt Ion: 75 Resp: 247726

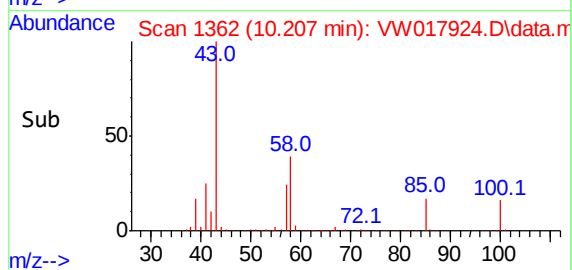
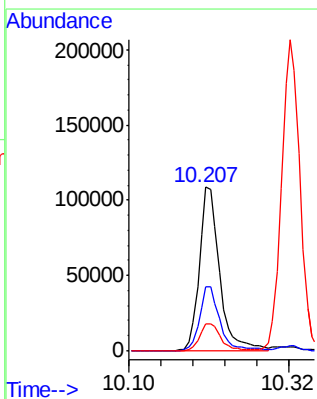
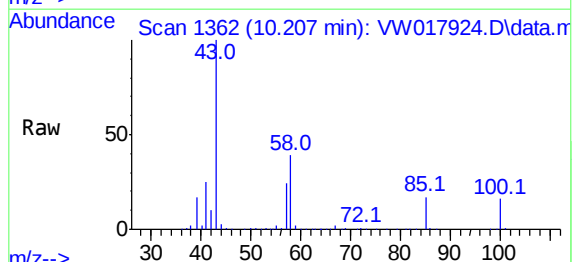
Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.7	42.3

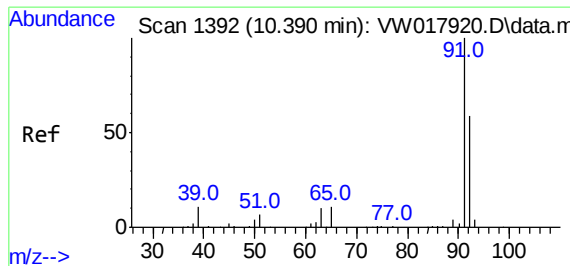


#43
 4-Methyl-2-pentanone
 Concen: 56.21 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

Tgt Ion: 43 Resp: 210976

Ion	Ratio	Lower	Upper
43	100		
58	38.4	31.6	47.4
100	16.7	14.1	21.1

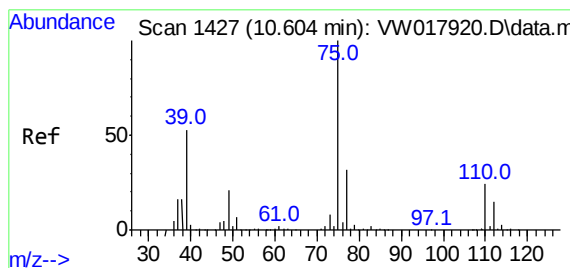
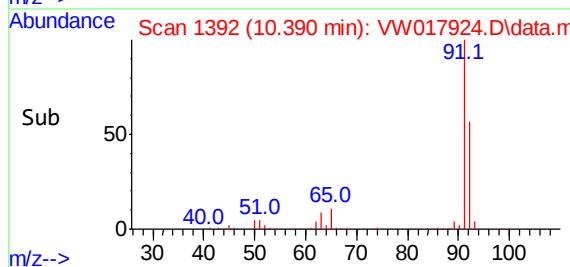
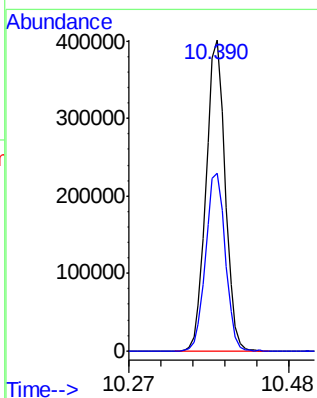
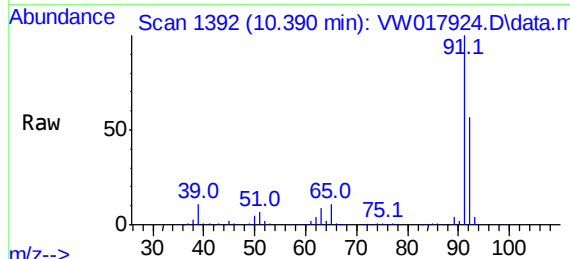




#44
Toluene
Concen: 27.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

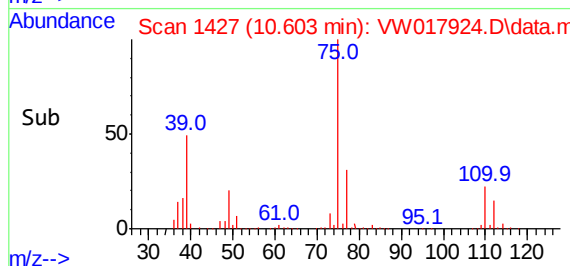
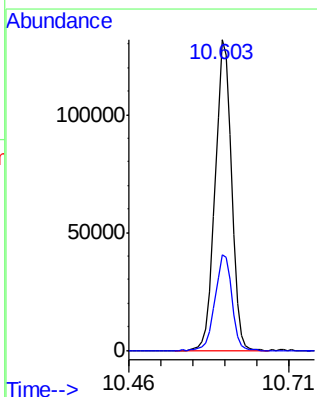
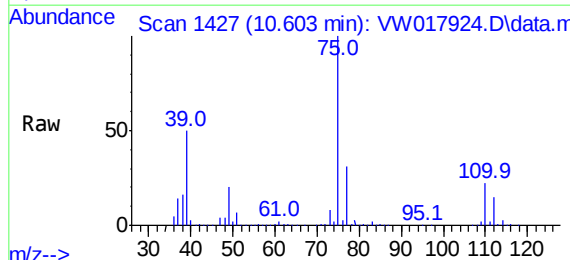
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

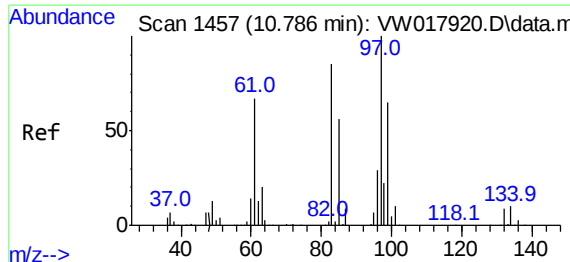
Tgt Ion: 91 Resp: 695175
Ion Ratio Lower Upper
91 100
92 57.0 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 29.46 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.001 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 75 Resp: 228344
Ion Ratio Lower Upper
75 100
77 30.8 22.6 42.0



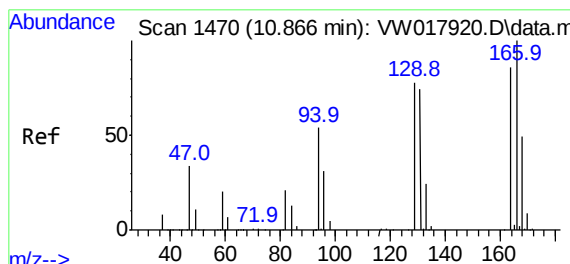
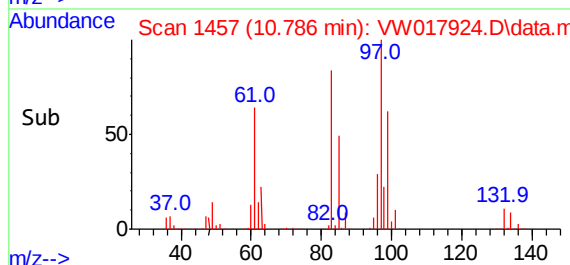
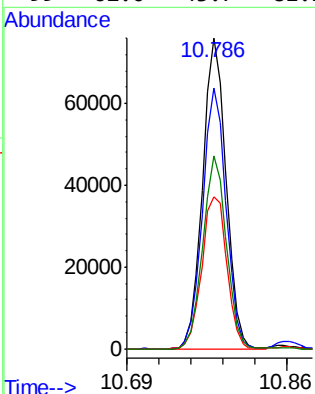
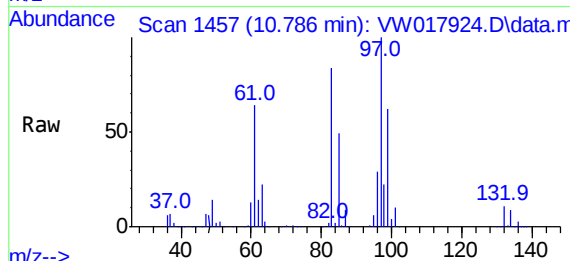


#46
1,1,2-Trichloroethane
Concen: 28.35 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 97 Resp: 127450

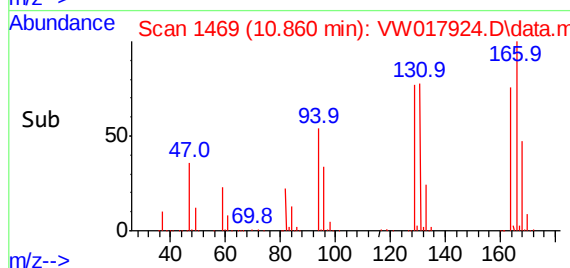
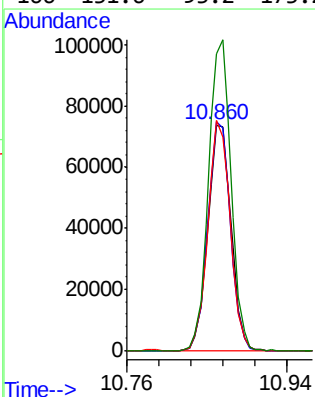
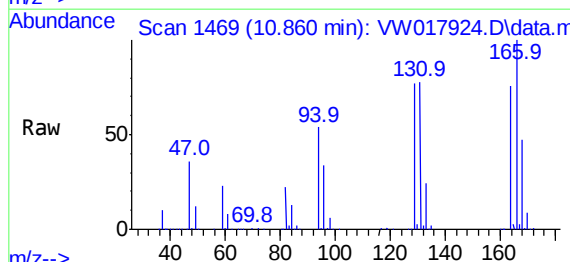
Ion	Ratio	Lower	Upper
97	100		
83	83.8	58.5	108.7
85	49.1	37.8	70.2
99	62.0	43.7	81.1

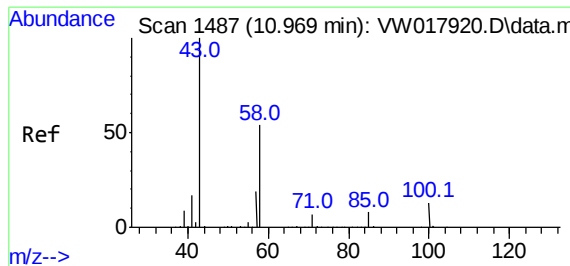


#47
Tetrachloroethene
Concen: 26.43 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 164 Resp: 131973

Ion	Ratio	Lower	Upper
164	100		
129	101.5	67.6	125.6
131	102.4	65.2	121.2
166	131.6	93.2	173.2

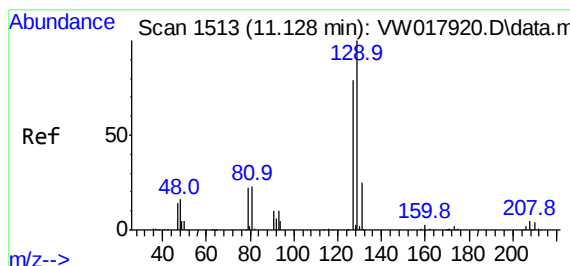
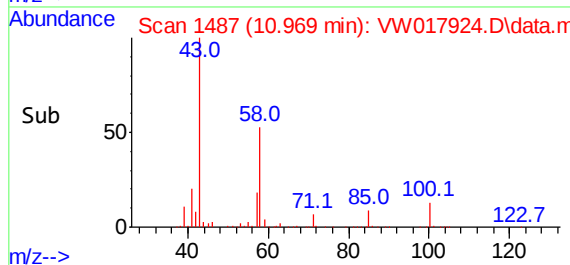
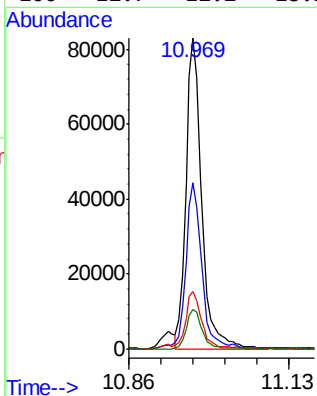
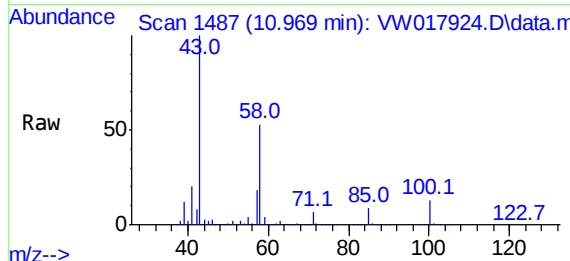




#49
2-Hexanone
Concen: 59.69 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

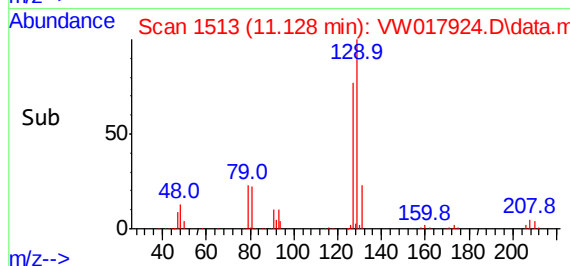
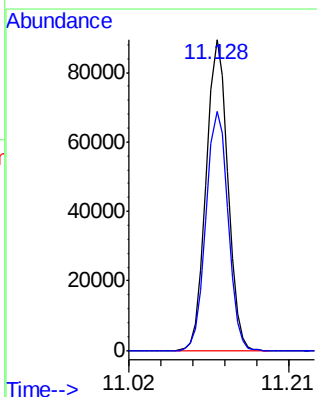
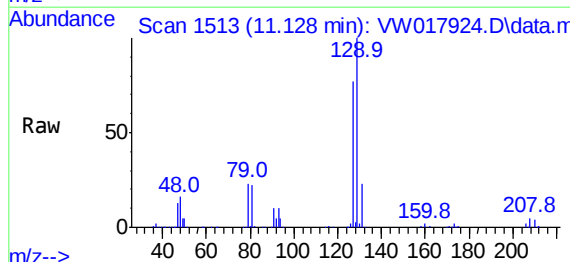
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

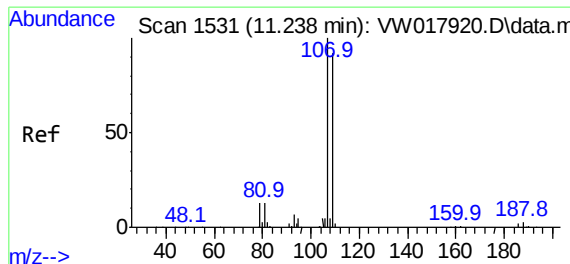
Tgt Ion: 43 Resp: 153007
Ion Ratio Lower Upper
43 100
58 53.8 51.3 76.9
57 19.2 15.0 22.6
100 12.7 12.2 18.2



#50
Dibromochloromethane
Concen: 28.53 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 129 Resp: 153107
Ion Ratio Lower Upper
129 100
127 76.9 53.2 98.8

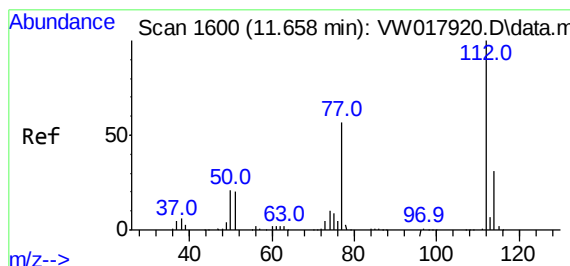
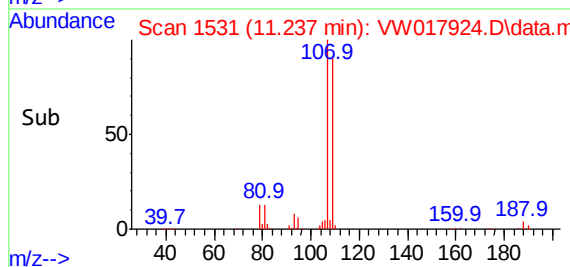
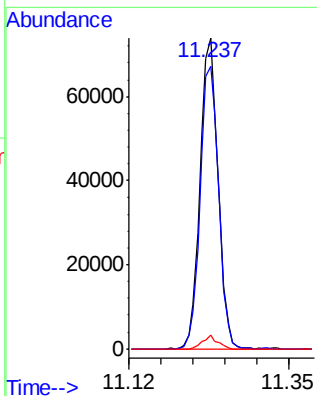
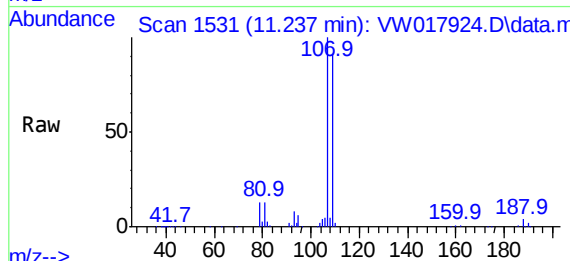




#51
1,2-Dibromoethane
Concen: 28.30 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.001 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

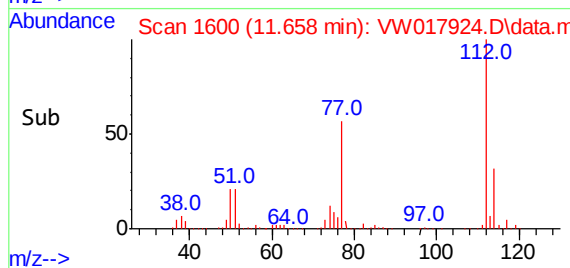
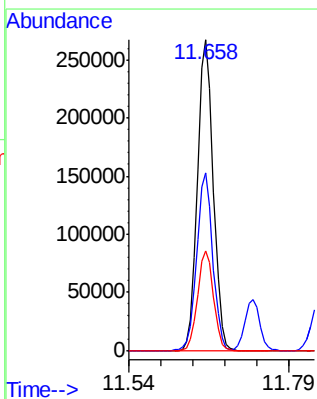
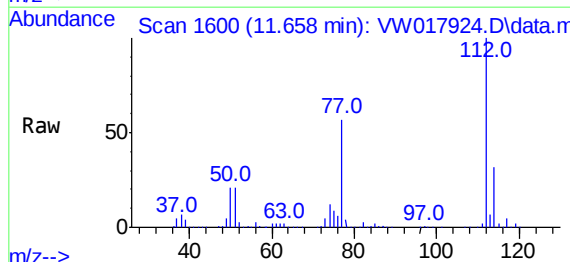
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

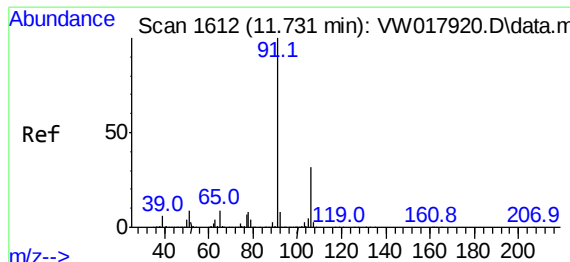
Tgt Ion:107 Resp: 127903
Ion Ratio Lower Upper
107 100
109 90.8 66.4 123.2
188 4.4 4.0 6.0



#52
Chlorobenzene
Concen: 27.47 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion:112 Resp: 451556
Ion Ratio Lower Upper
112 100
77 57.1 42.6 64.0
114 31.9 21.6 40.2

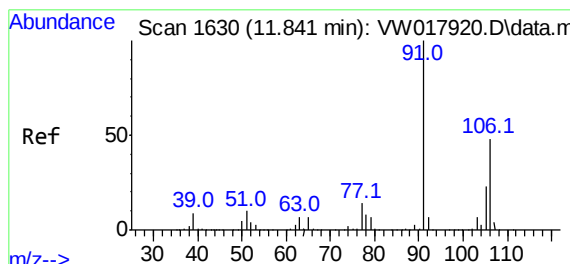
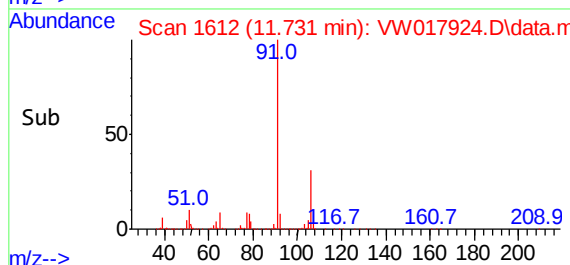
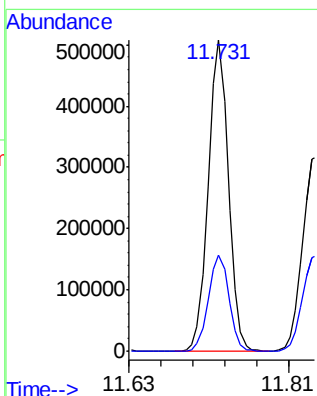
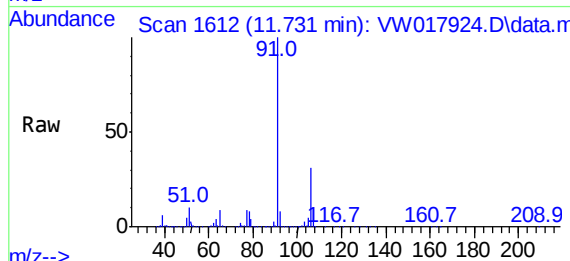




#53
Ethylbenzene
Concen: 27.52 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

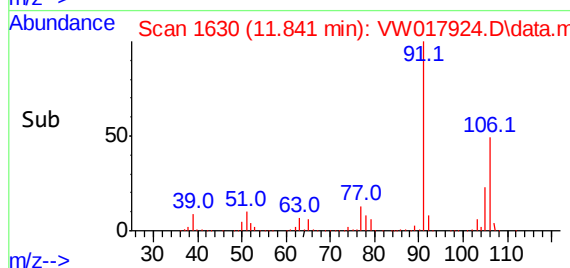
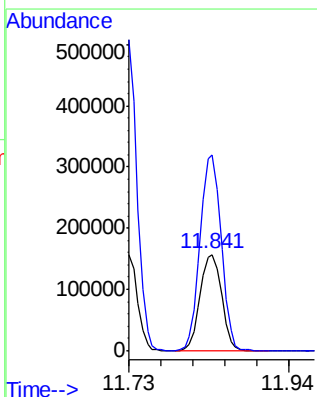
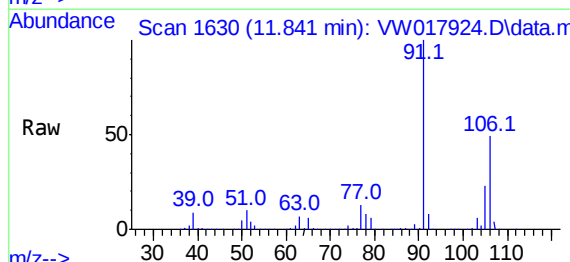
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

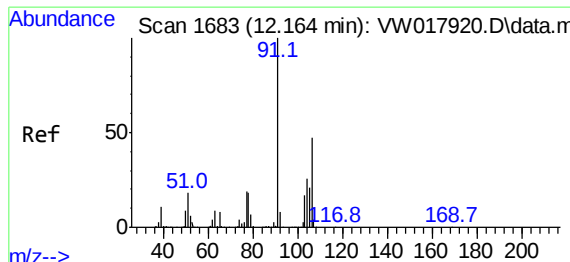
Tgt Ion: 91 Resp: 792623
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1



#54
m,p-Xylene
Concen: 27.25 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 106 Resp: 303795
Ion Ratio Lower Upper
106 100
91 203.1 136.4 253.4

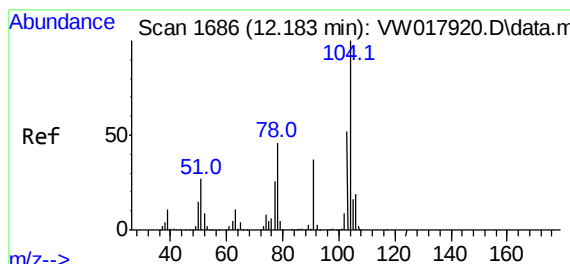
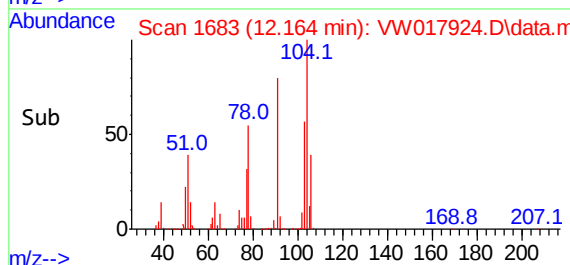
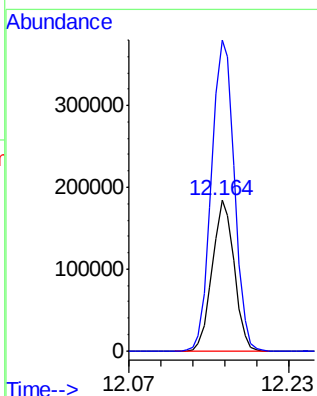
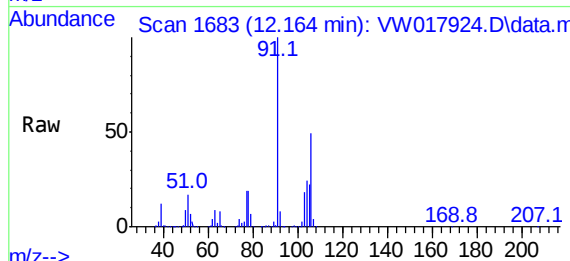




#55
o-xylene
Concen: 28.09 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

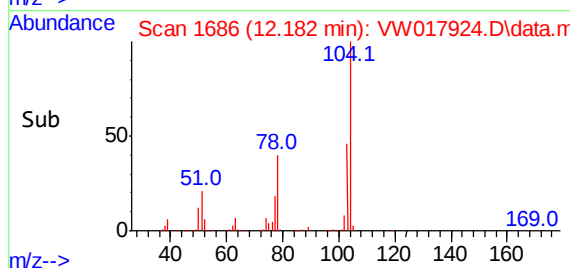
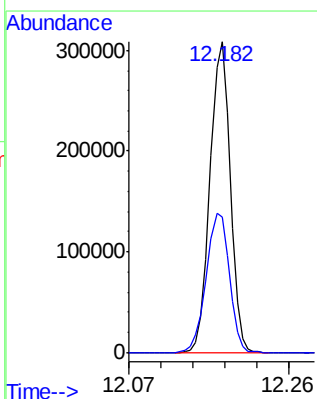
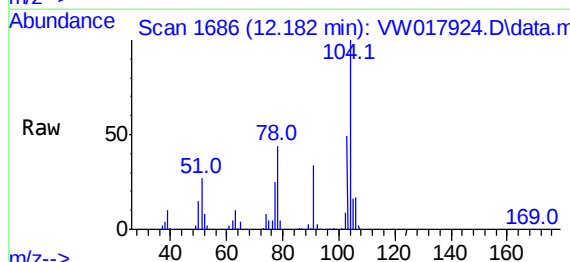
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

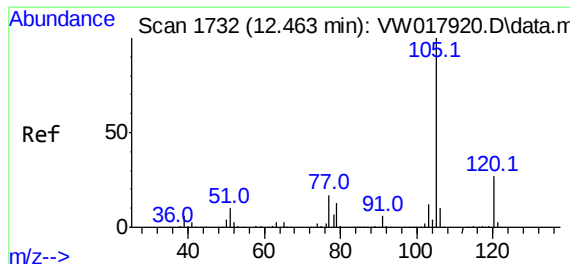
Tgt Ion:106 Resp: 290039
Ion Ratio Lower Upper
106 100
91 206.2 147.6 274.2



#56
Styrene
Concen: 28.42 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion:104 Resp: 497465
Ion Ratio Lower Upper
104 100
78 43.8 31.3 58.1



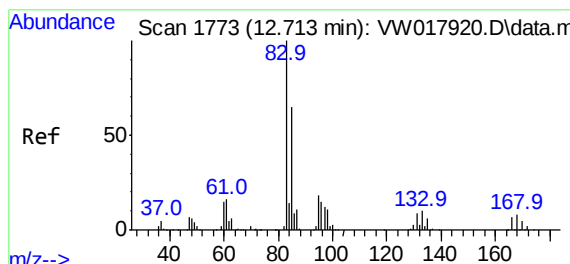
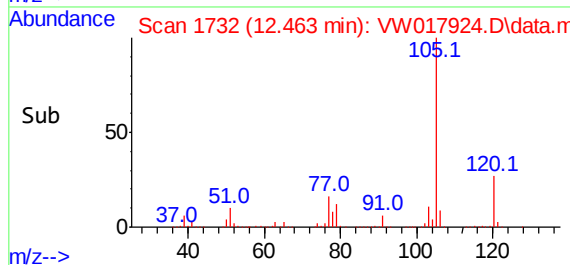
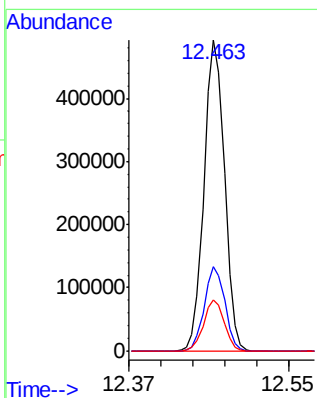
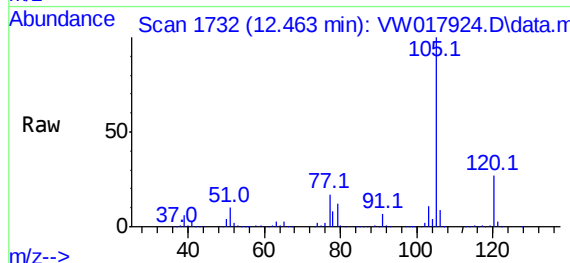


#57
Isopropylbenzene
Concen: 27.33 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion: 105 Resp: 784644

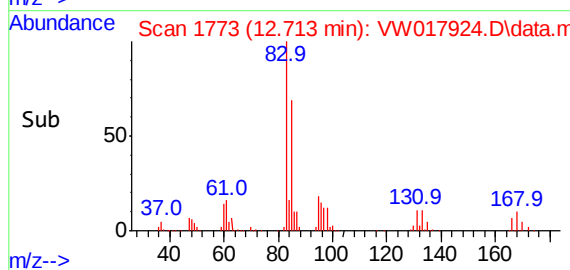
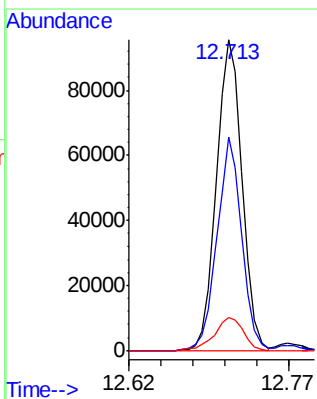
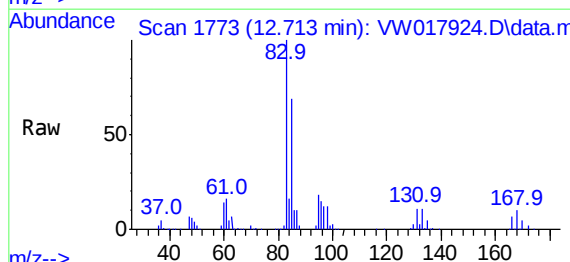
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.4	32.2
77	16.3	12.1	18.1

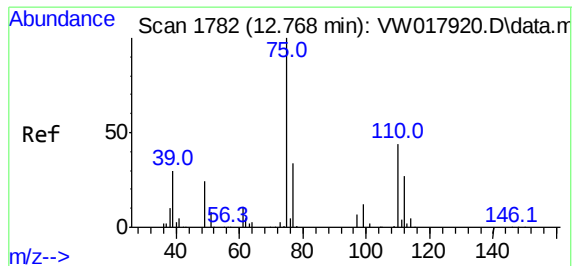


#58
1,1,2,2-Tetrachloroethane
Concen: 28.16 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 83 Resp: 156217

Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.3	84.1
131	10.6	8.3	12.5

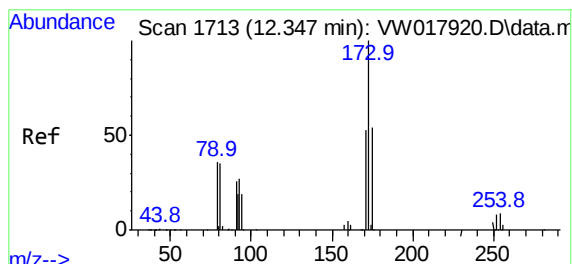
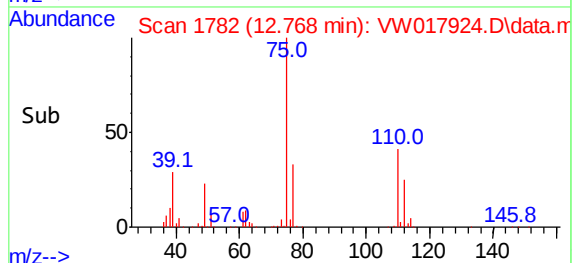
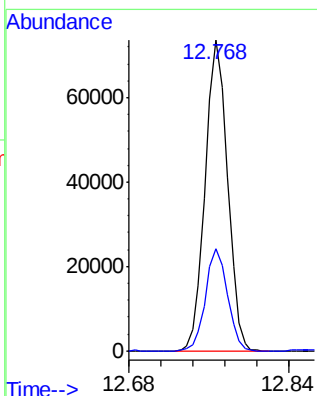
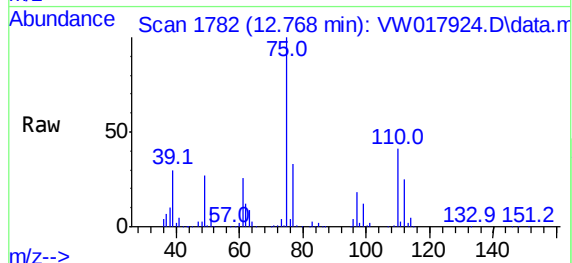




#59
1,2,3-Trichloropropane
Concen: 28.24 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

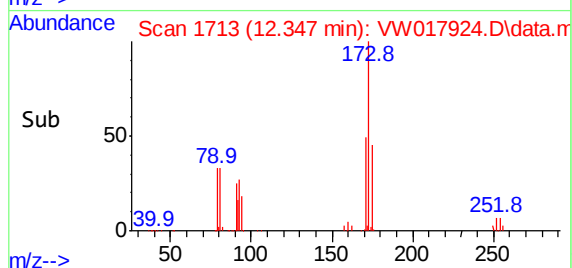
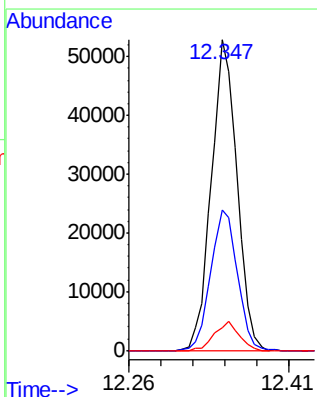
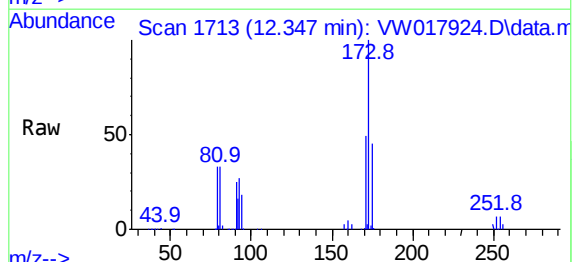
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

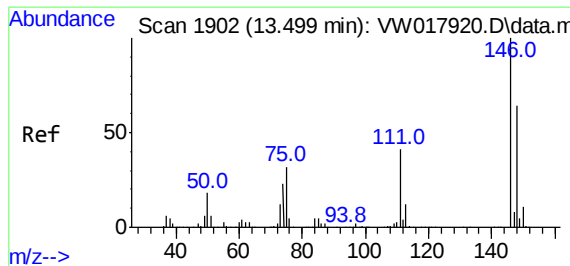
Tgt Ion: 75 Resp: 118449
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8



#62
Bromoform
Concen: 30.35 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 173 Resp: 86179
Ion Ratio Lower Upper
173 100
175 47.2 39.1 58.7
254 9.0 7.1 10.7

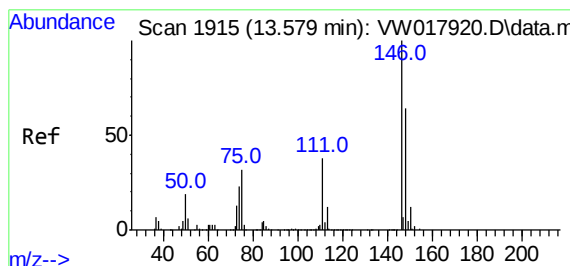
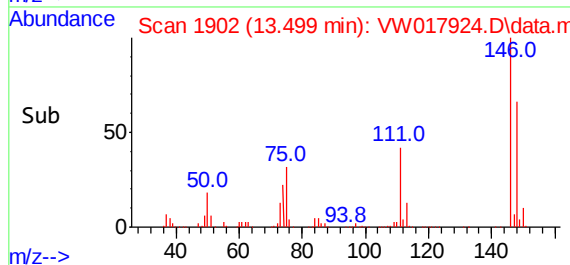
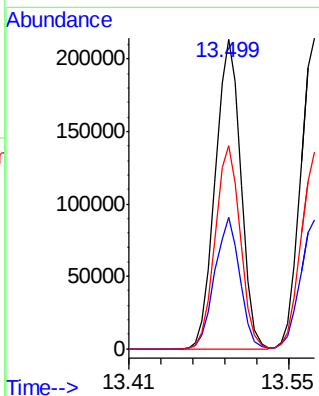
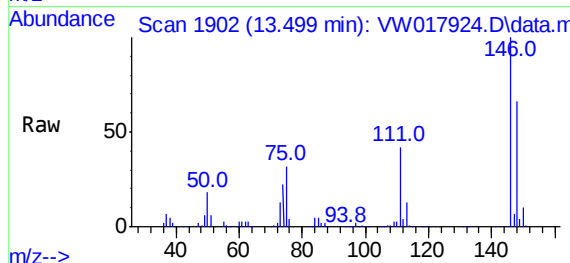




#63
1,3-Dichlorobenzene
Concen: 27.90 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

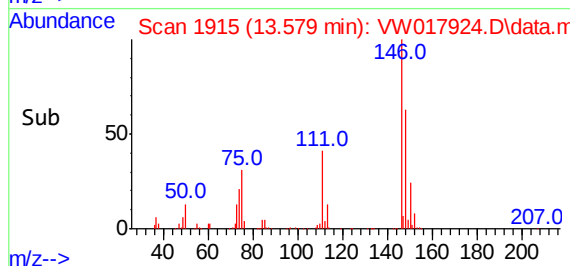
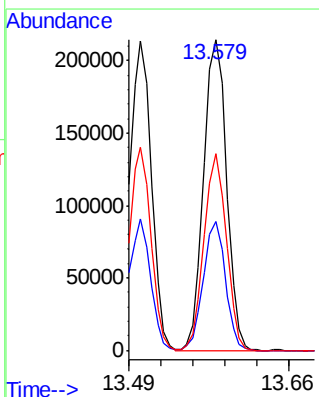
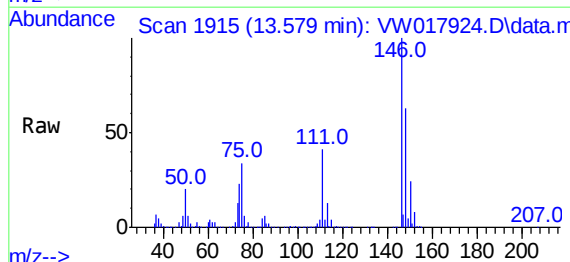
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

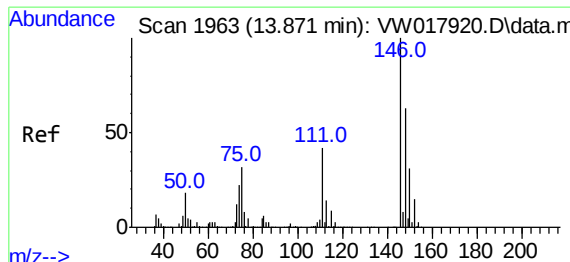
Tgt Ion:146 Resp: 347698
Ion Ratio Lower Upper
146 100
111 42.5 28.5 52.9
148 65.8 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 28.36 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion:146 Resp: 355243
Ion Ratio Lower Upper
146 100
111 41.4 27.7 51.5
148 63.4 47.0 87.2

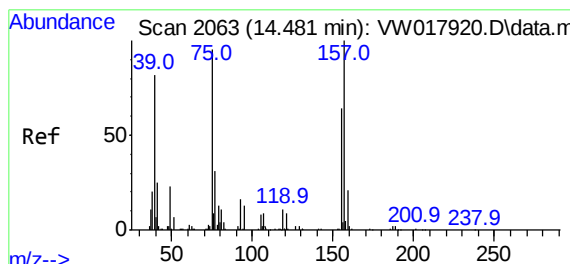
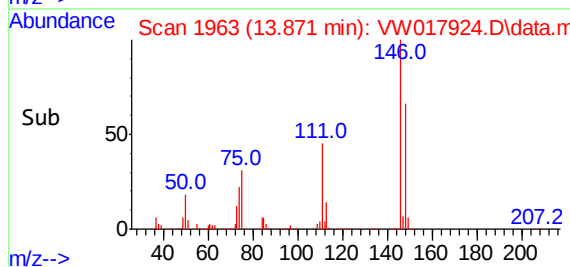
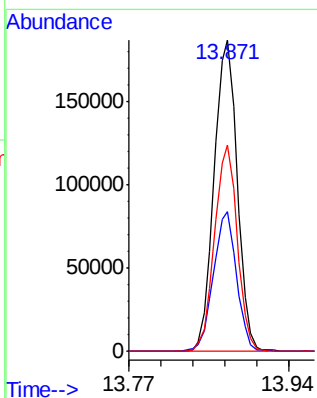
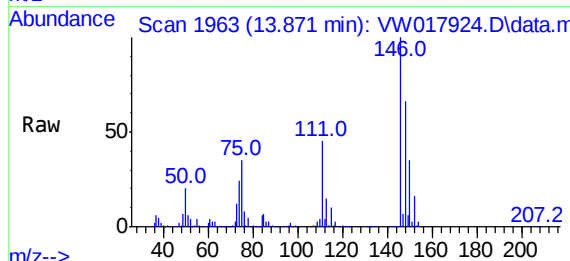




#65
1,2-Dichlorobenzene
Concen: 27.79 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

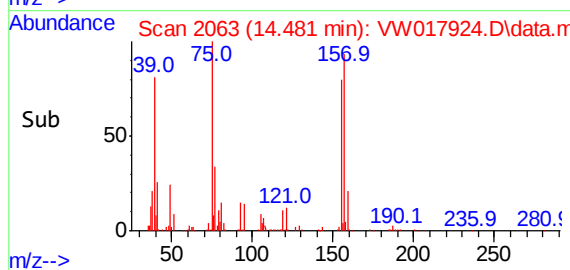
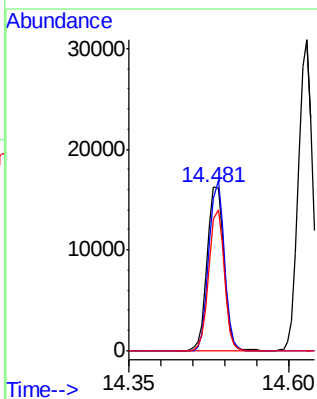
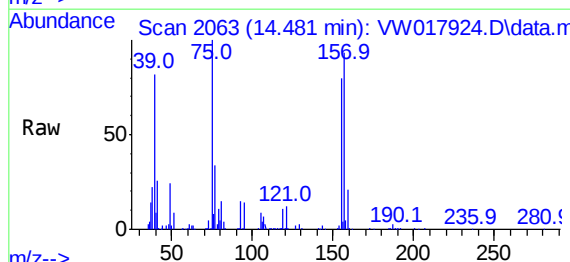
Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

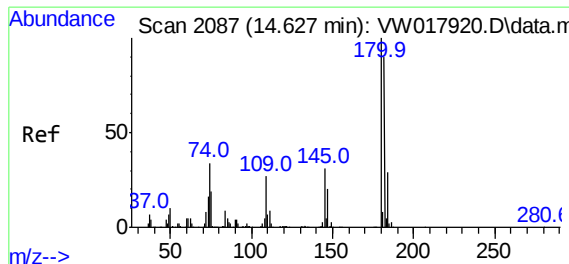
Tgt Ion:146 Resp: 311918
Ion Ratio Lower Upper
146 100
111 44.8 31.7 47.5
148 66.2 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 29.92 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion: 75 Resp: 28139
Ion Ratio Lower Upper
75 100
157 93.2 99.9 149.9#
155 80.4 71.4 107.0

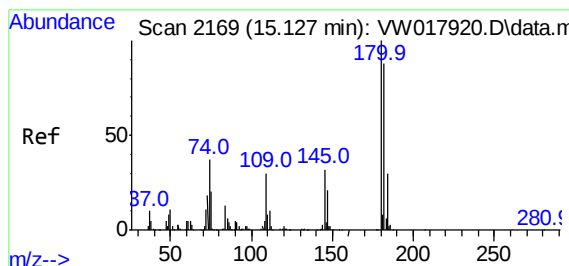
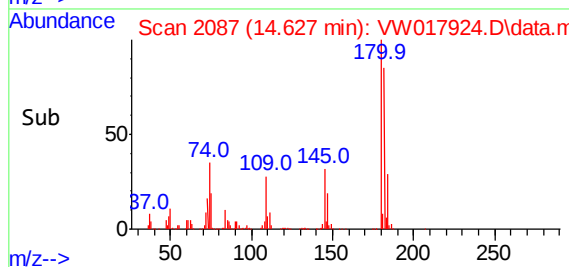
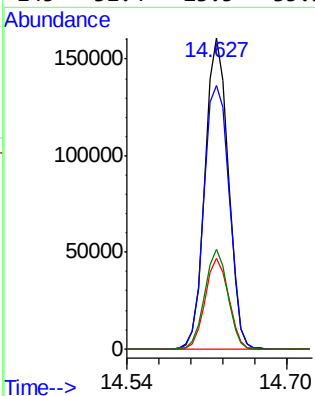
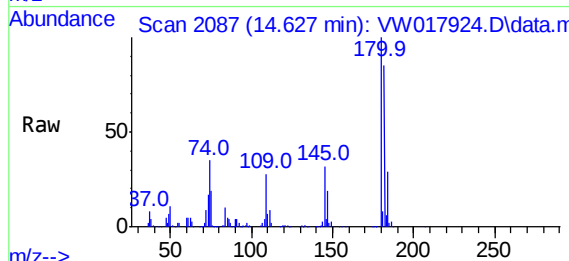




#67
 1,3,5-Trichlorobenzene
 Concen: 29.13 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

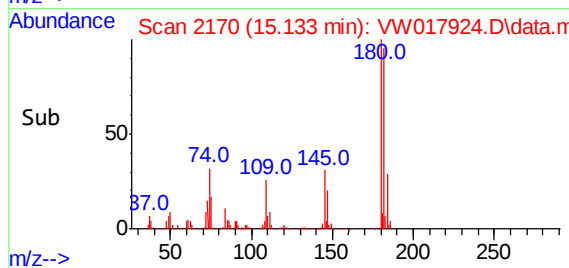
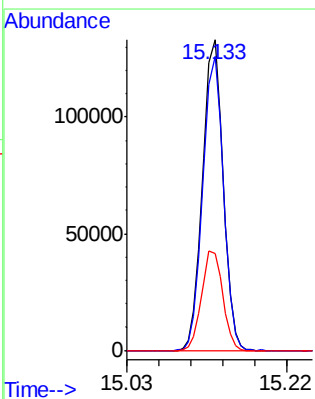
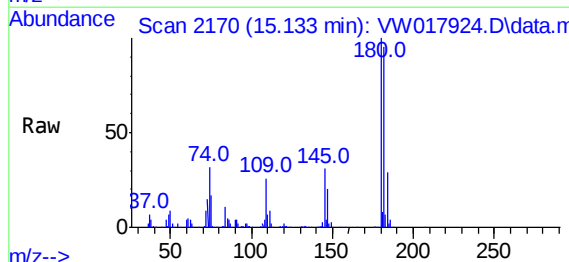
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

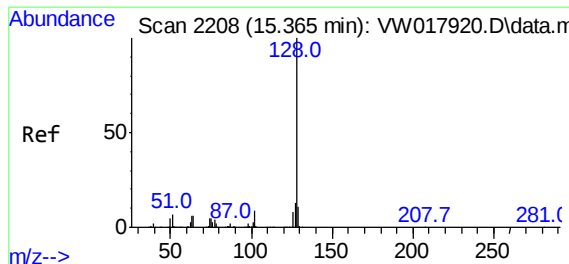
Tgt Ion:	180	Resp:	253690
Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.0	115.6
184	29.1	24.2	36.4
145	31.4	23.5	35.3



#68
 1,2,4-trichlorobenzene
 Concen: 29.01 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW017924.D
 Acq: 18 Jan 2021 12:43

Tgt Ion:	180	Resp:	215648
Ion	Ratio	Lower	Upper
180	100		
182	95.0	71.3	106.9
145	32.8	24.0	36.0

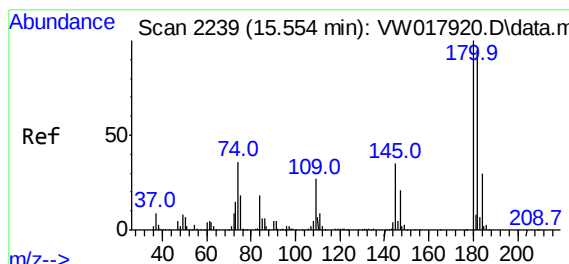
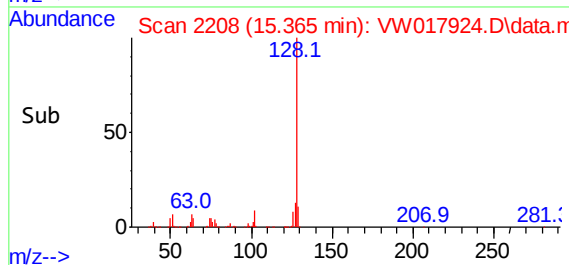
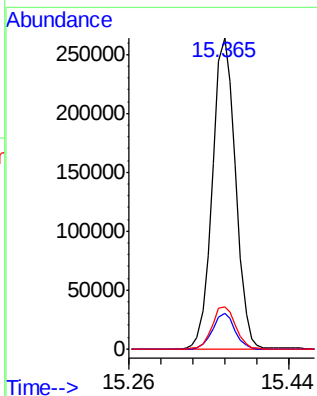
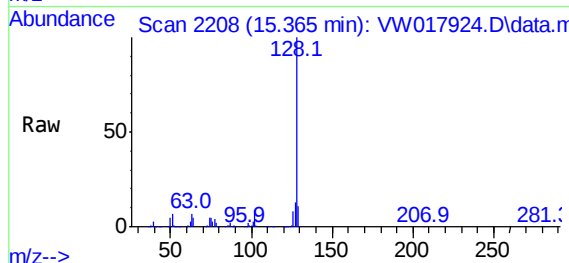




#69
Naphthalene
Concen: 29.68 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD02523

Tgt Ion:128 Resp: 472156
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 30.64 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017924.D
Acq: 18 Jan 2021 12:43

Tgt Ion:180 Resp: 198561
Ion Ratio Lower Upper
180 100
182 91.3 74.7 112.1
145 31.6 25.4 38.0

