

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018150.D
 Acq On : 16 Feb 2021 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Feb 17 00:55:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	433907	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	380453	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	202905	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104397	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.891	69	91569	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
10) 1,1-Dichloroethene-d2	4.025	63	243869	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.48%
20) 2-Butanone-d5	7.080	46	54700	38.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.02%
24) Chloroform-d	7.647	84	280032	24.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	8.305	65	133913	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.275	84	528769	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
33) 1,2-Dichloropropane-d6	9.274	67	147294	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.84%
37) Toluene-d8	10.323	98	501564	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloroprop...	10.573	79	65293	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.60%
39) 2-Hexanone-d5	10.920	63	46386	41.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.06%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	117459	22.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.56%
61) 1,2-Dichlorobenzene-d4	13.853	152	185357	25.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.44%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	132087	22.50	ug/L	97
3) Chloromethane	2.215	50	97465	22.54	ug/L	99
5) Vinyl chloride	2.367	62	149031	24.99	ug/L	99
6) Bromomethane	2.782	94	101305	23.88	ug/L	99
8) Chloroethane	2.928	64	86004	24.13	ug/L	99
9) Trichlorofluoromethane	3.263	101	110415	25.61	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	159552	25.89	ug/L	# 65
12) 1,1-Dichloroethene	4.044	96	150292	25.92	ug/L	91
13) Acetone	4.129	43	34397	32.31	ug/L	100
14) Carbon disulfide	4.385	76	417495	24.73	ug/L	98
15) Methyl Acetate	4.672	43	43853	18.57	ug/L	95
16) Methylene chloride	4.915	84	142228	20.45	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	147292	22.63	ug/L	96
18) trans-1,2-Dichloroethene	5.428	96	156434	25.25	ug/L	93
19) 1,1-Dichloroethane	6.214	63	250737	25.07	ug/L	99
21) 2-Butanone	7.171	43	54357	33.54	ug/L	92
22) cis-1,2-Dichloroethene	7.171	96	161221	25.09	ug/L	96
23) Bromochloromethane	7.513	128	73631	23.84	ug/L	93
25) Chloroform	7.671	83	270114	24.75	ug/L	99
27) 1,2-Dichloroethane	8.396	62	156795	22.14	ug/L	100

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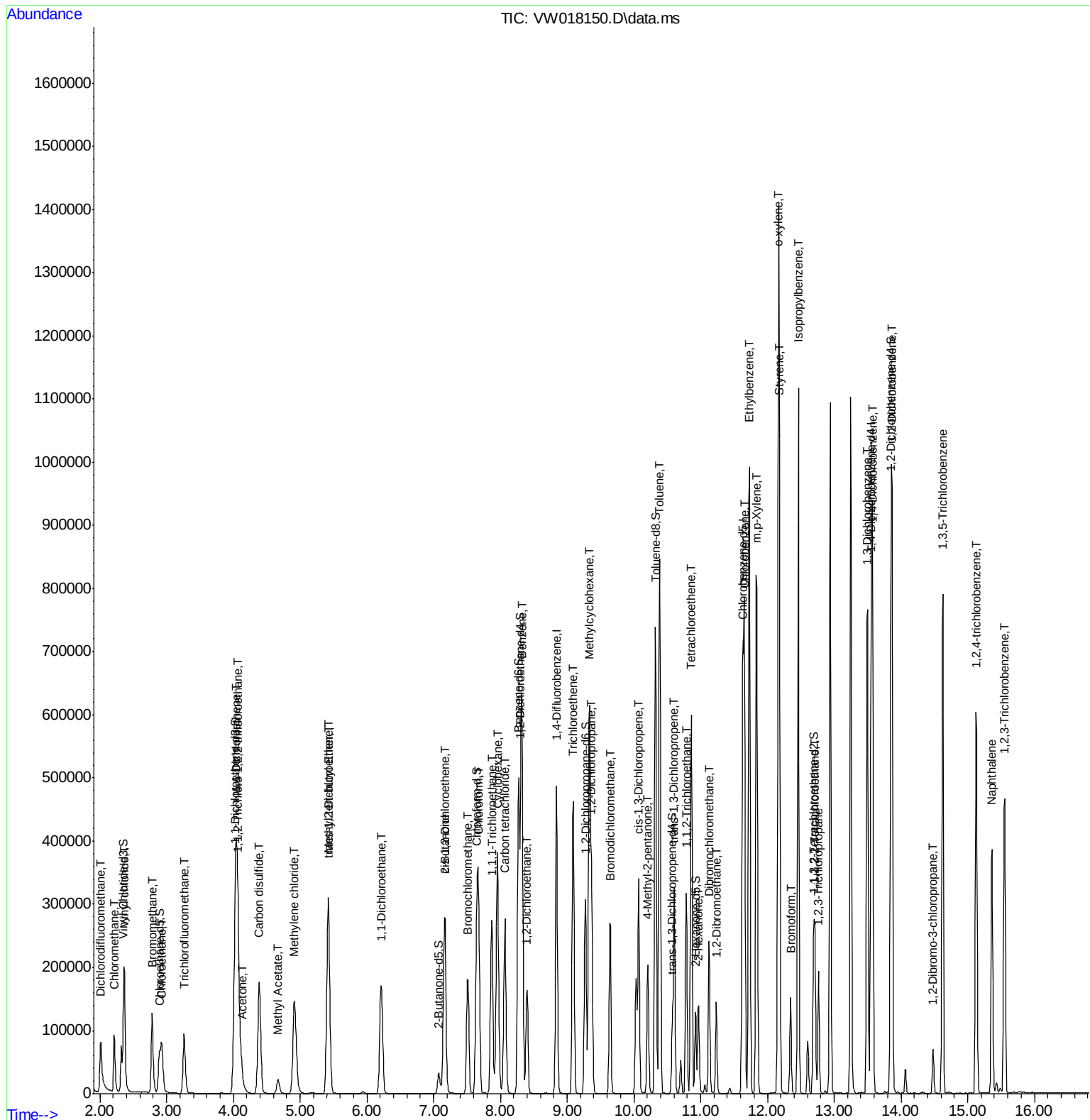
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	226639	26.04	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	229262	27.18	ug/L	98
32) Carbon tetrachloride	8.067	117	224481	27.47	ug/L	100
34) Benzene	8.323	78	580766	26.12	ug/L	100
35) Trichloroethene	9.091	95	164166	26.20	ug/L	99
36) Methylcyclohexane	9.335	83	275775	26.17	ug/L	96
40) 1,2-Dichloropropane	9.366	63	132282	25.92	ug/L	99
41) Bromodichloromethane	9.646	83	188320	25.77	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	214594	26.10	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	122585	38.64	ug/L	93
44) Toluene	10.384	91	641940	26.23	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	180609	25.23	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	102648	23.57	ug/L	99
47) Tetrachloroethene	10.859	164	144380	27.06	ug/L	94
49) 2-Hexanone	10.969	43	84794	38.46	ug/L	95
50) Dibromochloromethane	11.128	129	131816	25.26	ug/L	100
51) 1,2-Dibromoethane	11.231	107	100228	23.07	ug/L #	97
52) Chlorobenzene	11.658	112	418273	25.94	ug/L	96
53) Ethylbenzene	11.731	91	727753	26.17	ug/L	96
54) m,p-Xylene	11.841	106	284130	26.79	ug/L	98
55) o-xylene	12.164	106	268097	26.65	ug/L	97
56) Styrene	12.182	104	446123	26.08	ug/L	98
57) Isopropylbenzene	12.463	105	747870	26.69	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	111118	21.57	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	80270	20.56	ug/L	100
62) Bromoform	12.347	173	73329	23.45	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	341839	26.43	ug/L	93
64) 1,4-Dichlorobenzene	13.578	146	333682	25.65	ug/L	95
65) 1,2-Dichlorobenzene	13.865	146	295744	25.36	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	16924	19.16	ug/L	93
67) 1,3,5-Trichlorobenzene	14.627	180	257989	25.97	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	208888	25.22	ug/L	95
69) Naphthalene	15.365	128	342193	21.23	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	174106	23.58	ug/L	96

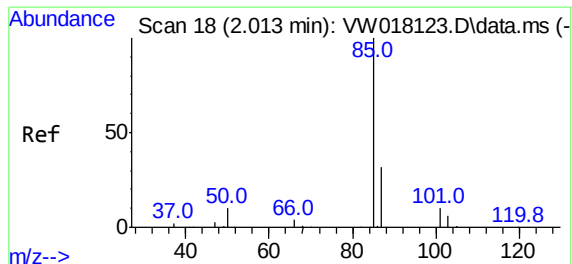
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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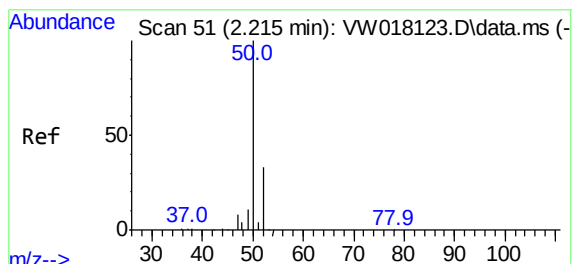
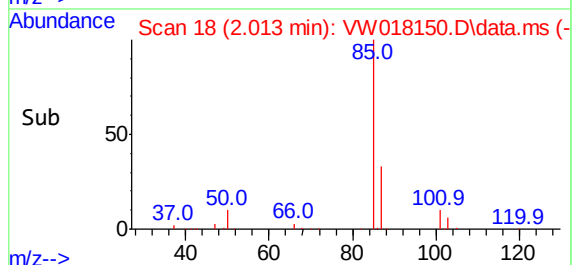
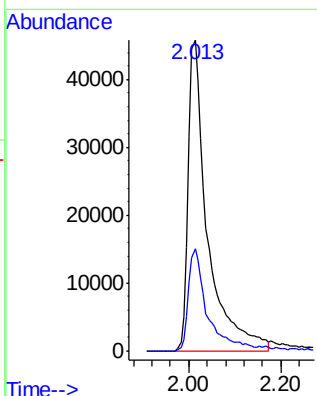
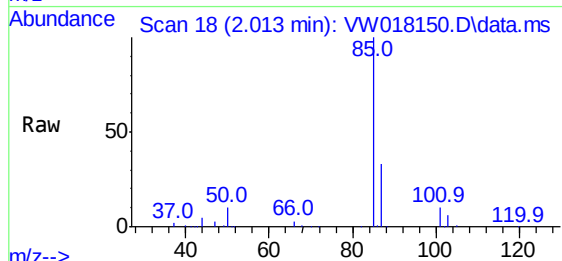




#2
Dichlorodifluoromethane
Concen: 22.50 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

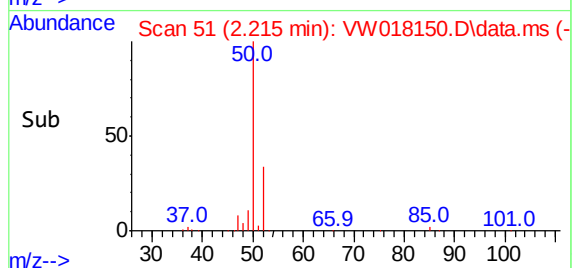
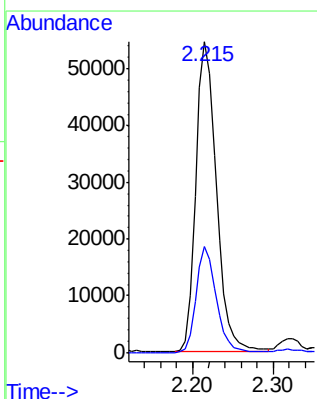
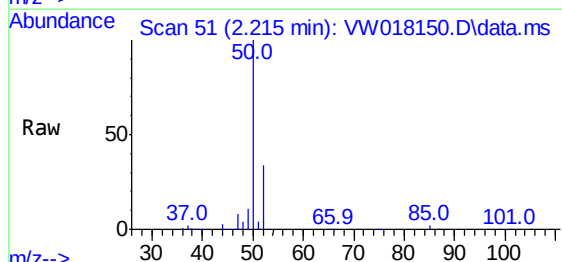
Instrument :
MSVOA_W
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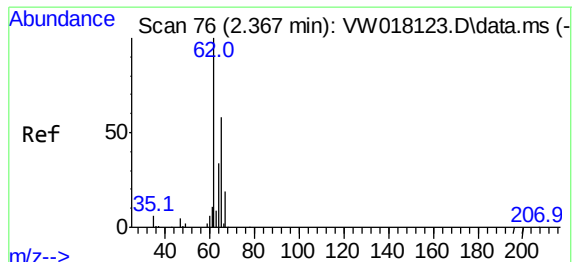
Tgt Ion: 85 Resp: 132087
Ion Ratio Lower Upper
85 100
87 31.4 23.2 43.0



#3
Chloromethane
Concen: 22.54 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 50 Resp: 97465
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.6

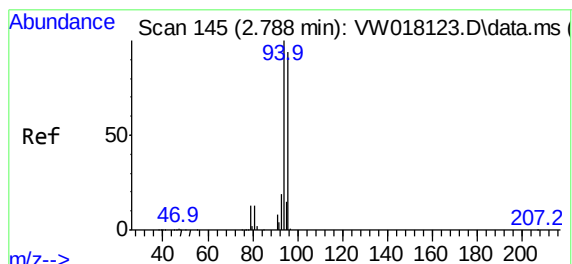
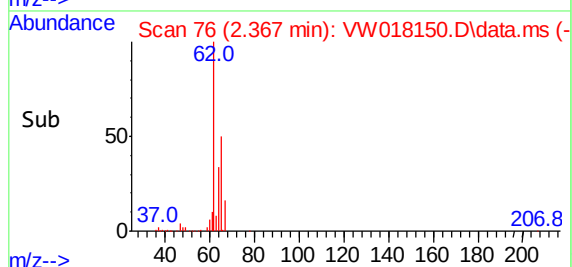
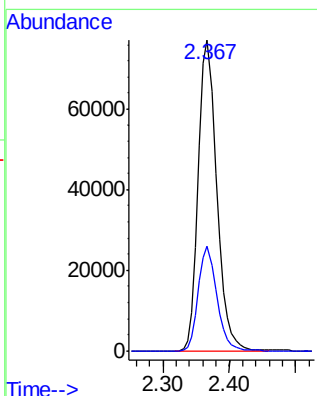
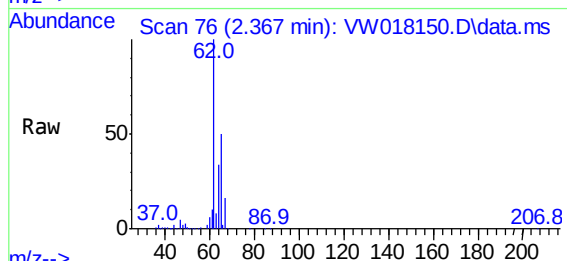




#5
 Vinyl chloride
 Concen: 24.99 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

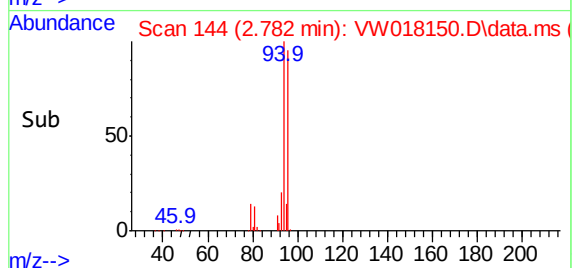
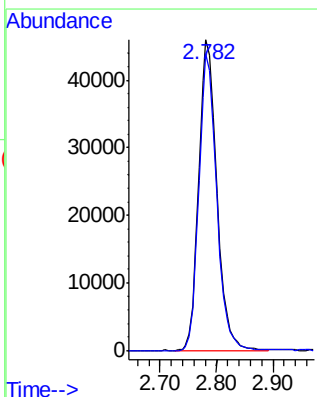
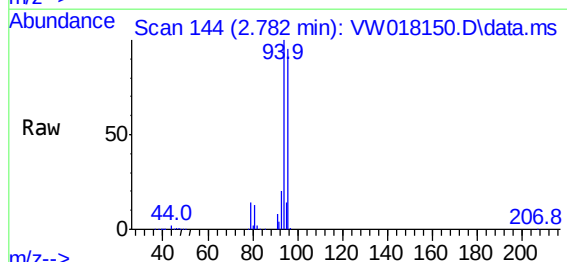
Instrument :
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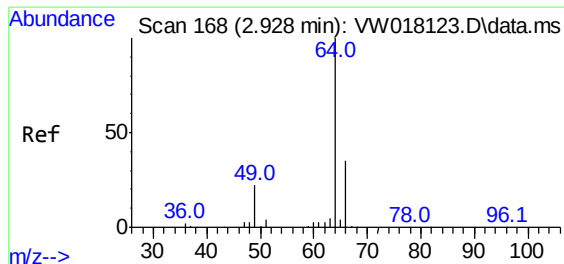
Tgt Ion: 62 Resp: 149031
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.9 44.5



#6
 Bromomethane
 Concen: 23.88 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

Tgt Ion: 94 Resp: 101305
 Ion Ratio Lower Upper
 94 100
 96 94.2 9.4 178.0

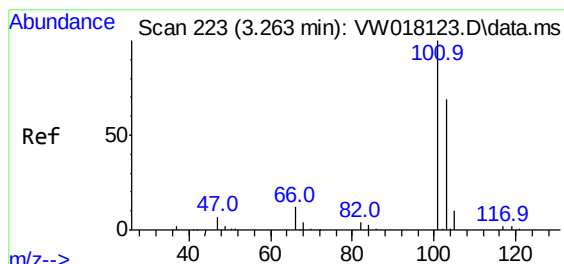
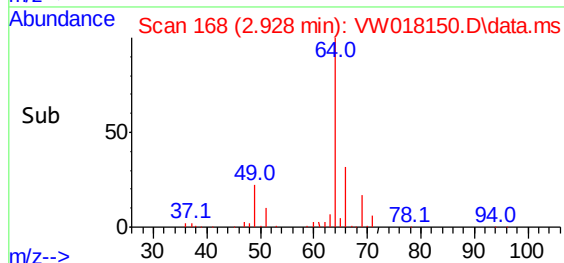
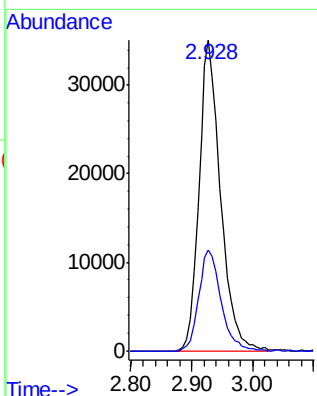
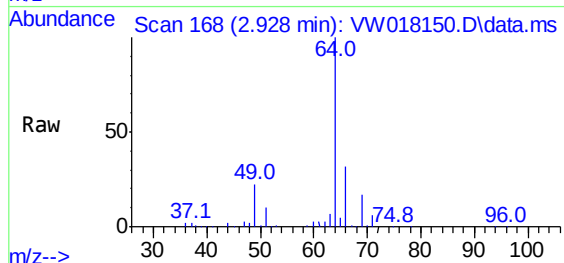




#8
Chloroethane
Concen: 24.13 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

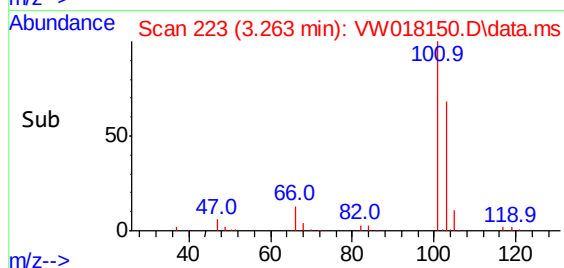
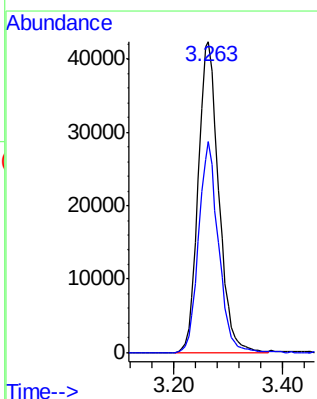
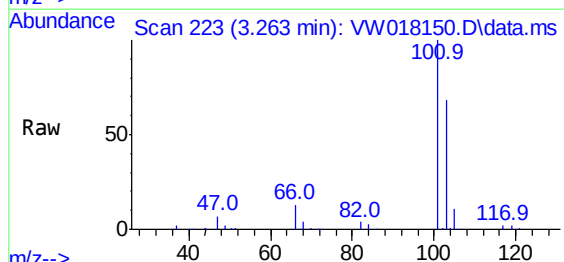
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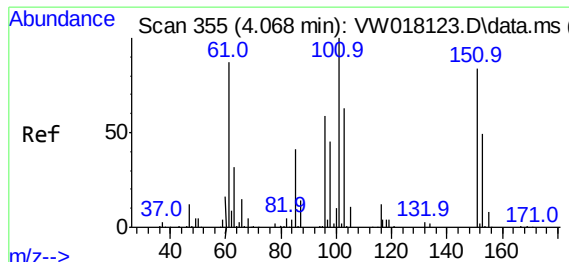
Tgt Ion: 64 Resp: 86004
Ion Ratio Lower Upper
64 100
66 32.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.61 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 101 Resp: 110415
Ion Ratio Lower Upper
101 100
103 65.0 45.0 83.6

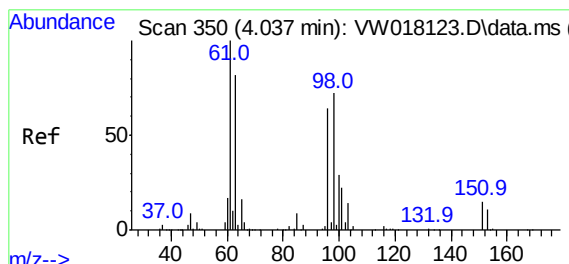
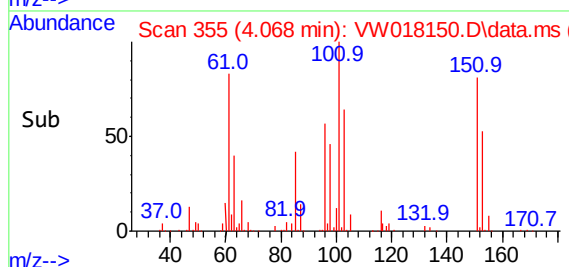
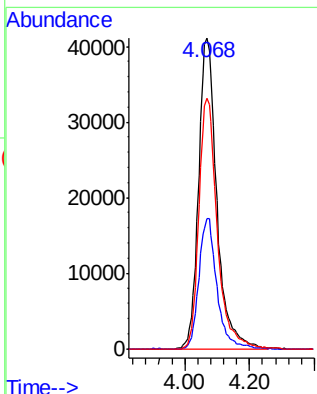
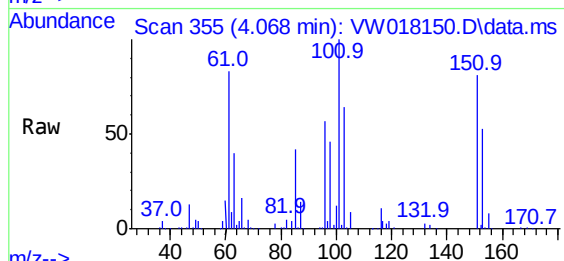




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.89 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

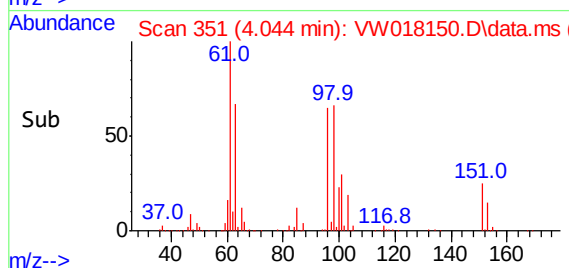
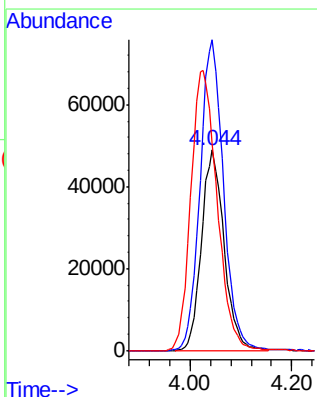
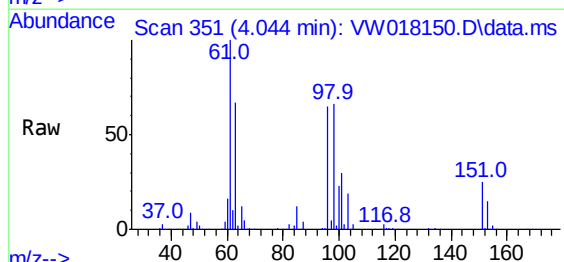
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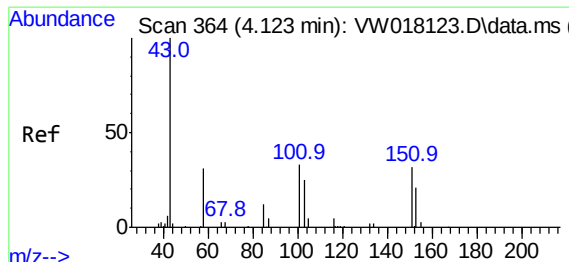
Tgt Ion:101 Resp: 159552
 Ion Ratio Lower Upper
 101 100
 85 40.5 34.2 51.4
 151 80.9 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 25.92 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

Tgt Ion: 96 Resp: 150292
 Ion Ratio Lower Upper
 96 100
 61 154.9 112.5 208.9
 63 103.1 83.1 154.3

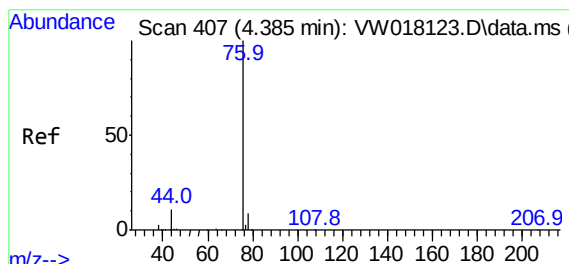
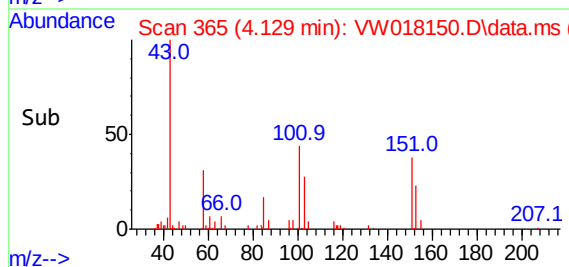
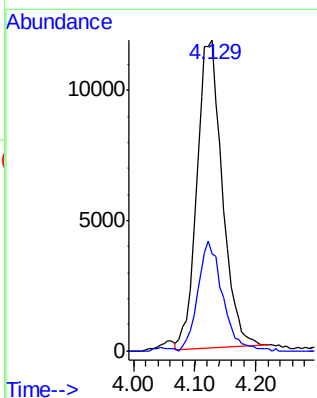
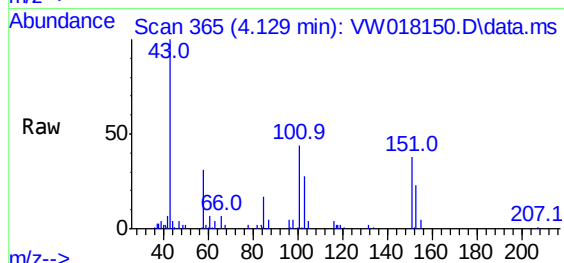




#13
Acetone
Concen: 32.31 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

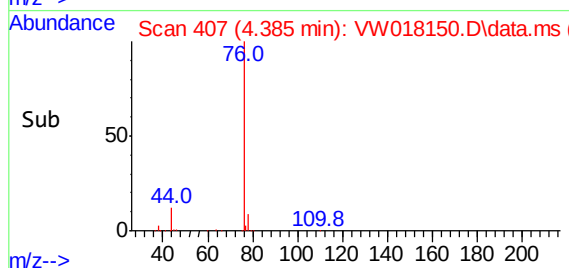
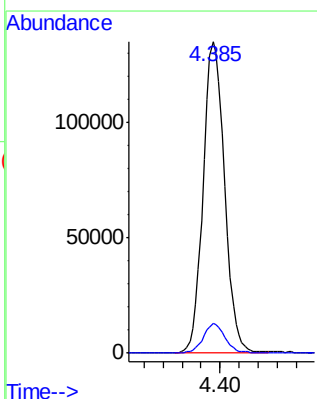
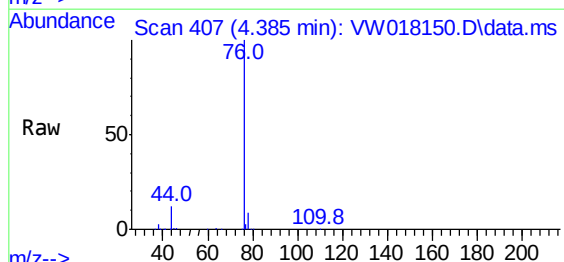
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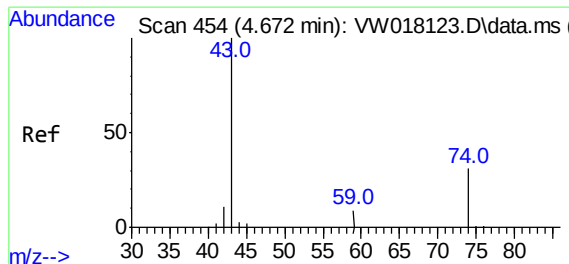
Tgt Ion: 43 Resp: 34397
Ion Ratio Lower Upper
43 100
58 34.4 0.0 68.4



#14
Carbon disulfide
Concen: 24.73 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 417495
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

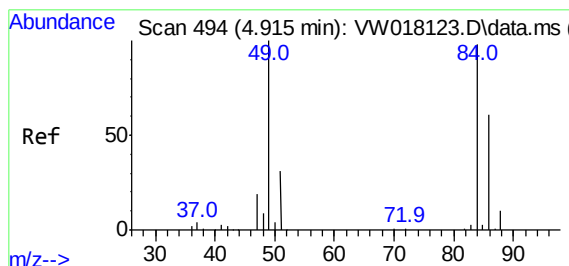
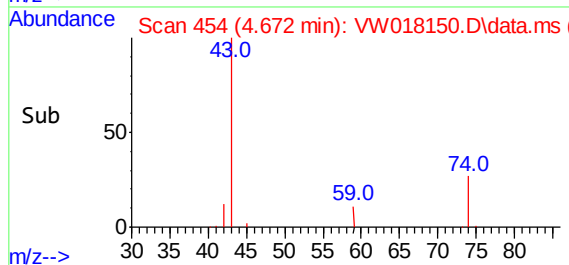
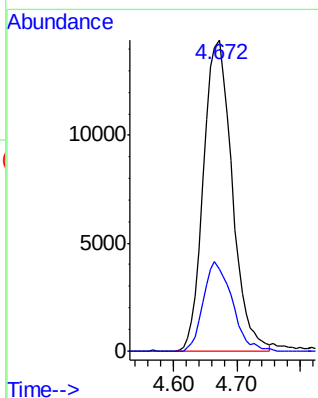
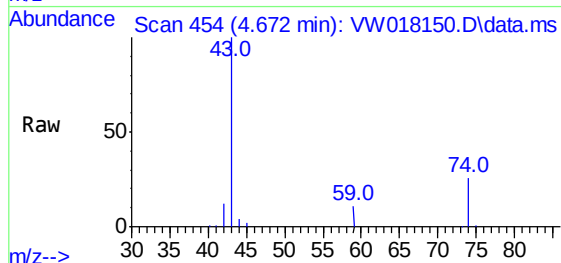




#15
Methyl Acetate
Concen: 18.57 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

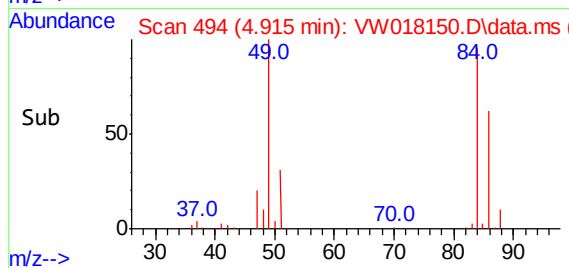
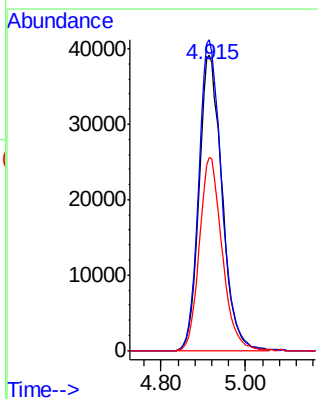
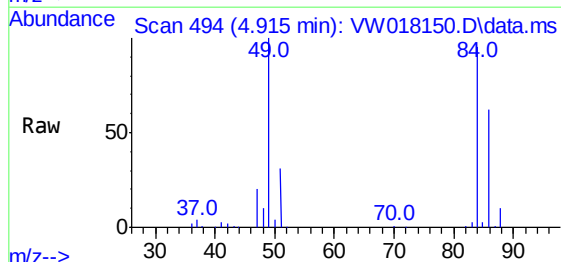
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

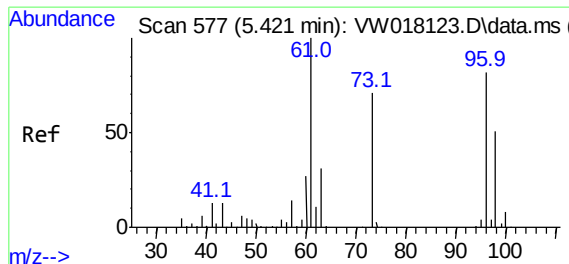
Tgt Ion: 43 Resp: 43853
Ion Ratio Lower Upper
43 100
74 28.5 20.7 31.1



#16
Methylene chloride
Concen: 20.45 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 84 Resp: 142228
Ion Ratio Lower Upper
84 100
49 105.3 81.2 150.8
86 65.3 44.5 82.7



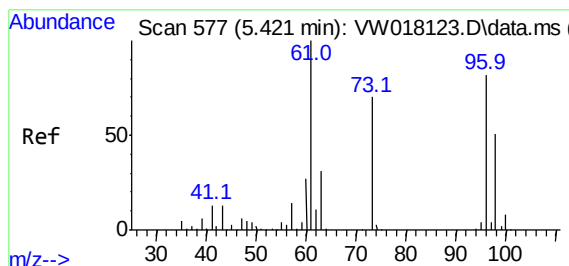
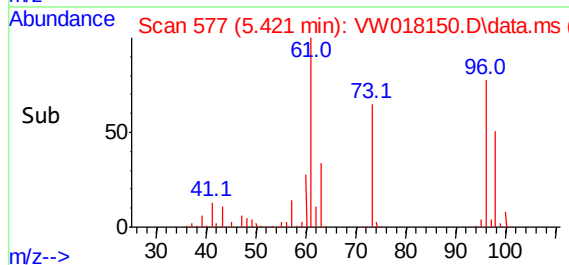
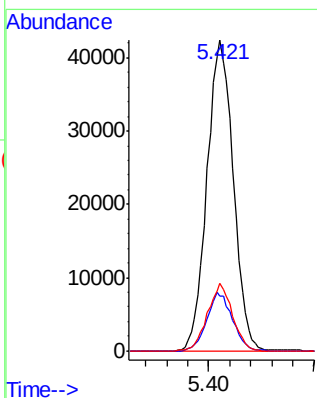
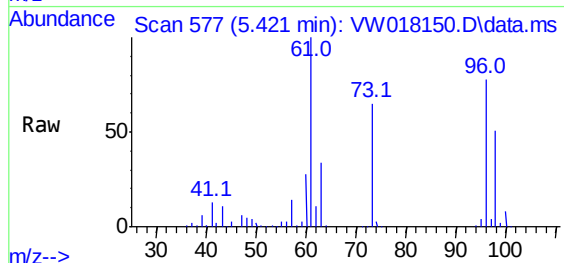


#17
Methyl tert-butyl Ether
Concen: 22.63 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

Tgt Ion: 73 Resp: 147292

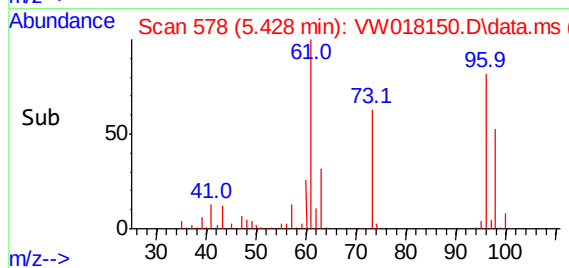
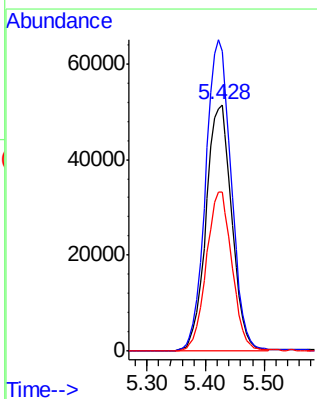
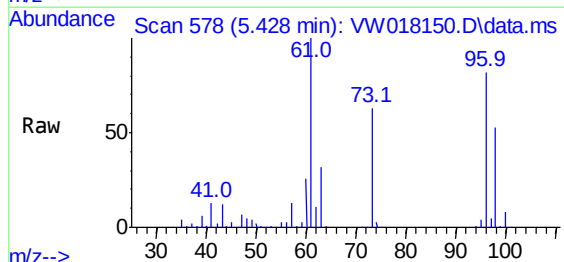
Ion	Ratio	Lower	Upper
73	100		
43	18.0	16.2	24.4
57	20.4	17.2	25.8

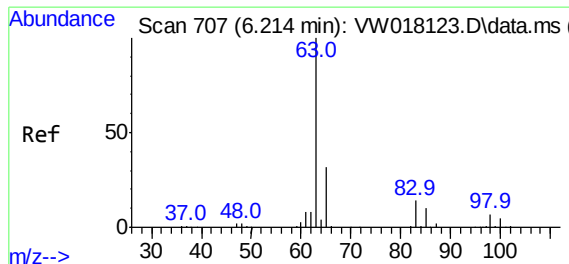


#18
trans-1,2-Dichloroethene
Concen: 25.25 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 96 Resp: 156434

Ion	Ratio	Lower	Upper
96	100		
61	122.0	92.7	172.1
98	64.3	43.3	80.3

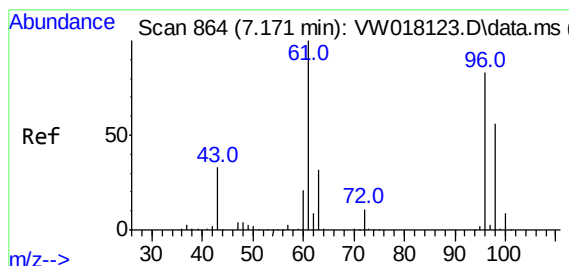
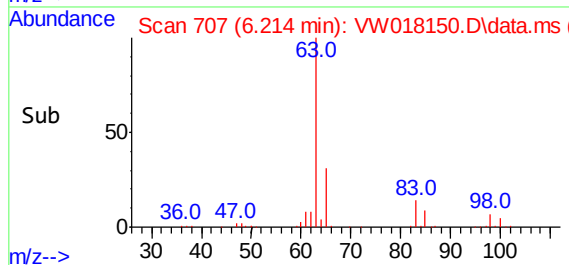
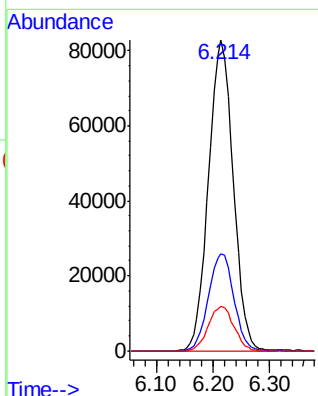
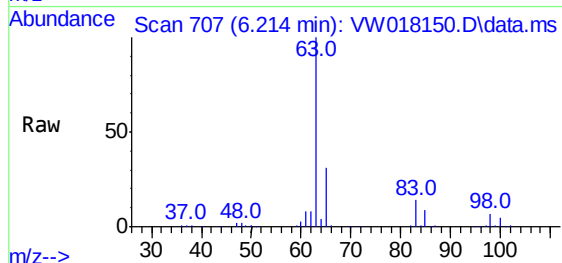




#19
1,1-Dichloroethane
Concen: 25.07 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

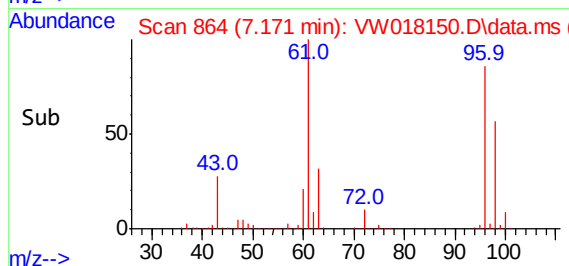
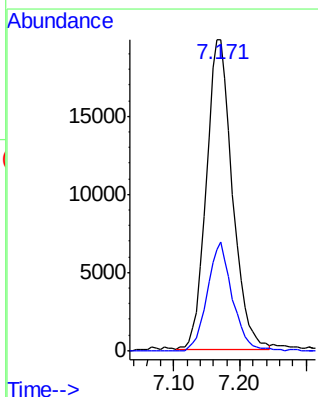
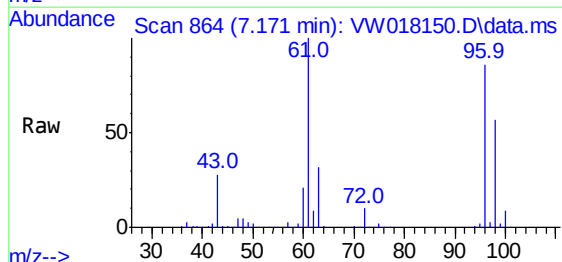
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

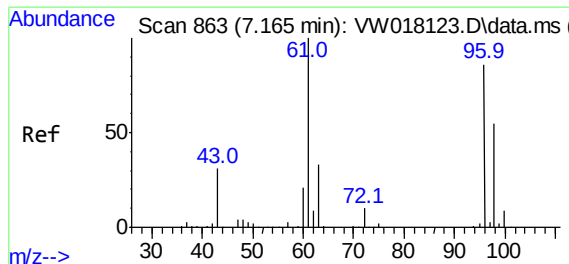
Tgt Ion: 63 Resp: 250737
Ion Ratio Lower Upper
63 100
65 31.2 21.9 40.7
83 14.2 9.4 17.6



#21
2-Butanone
Concen: 33.54 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 43 Resp: 54357
Ion Ratio Lower Upper
43 100
72 33.1 14.4 43.2



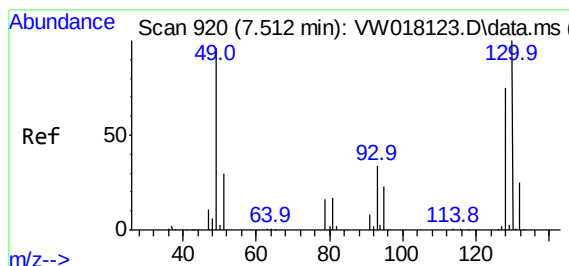
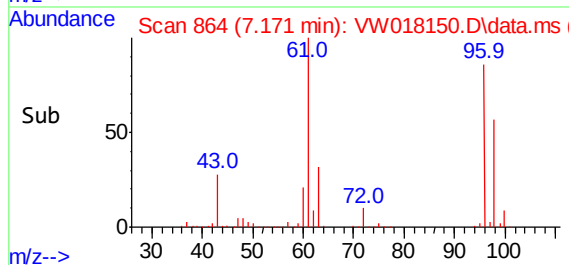
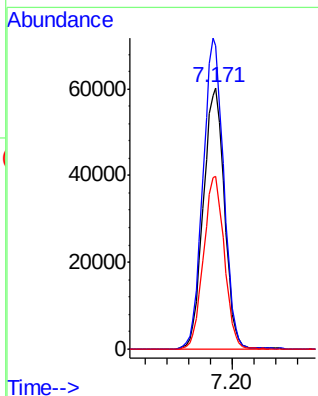
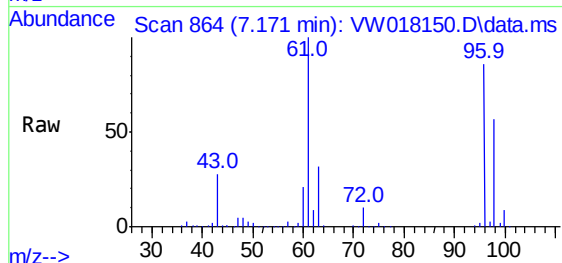


#22
 cis-1,2-Dichloroethene
 Concen: 25.09 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Tgt Ion: 96 Resp: 161221

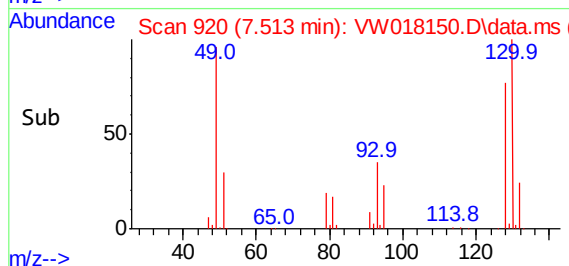
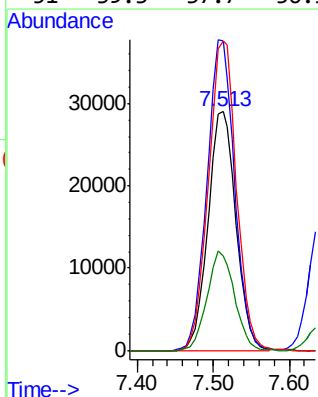
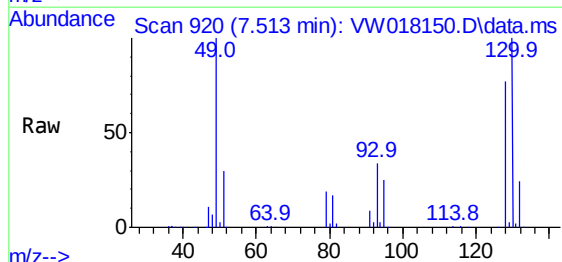
Ion	Ratio	Lower	Upper
96	100		
61	116.1	84.6	157.2
98	66.1	44.7	82.9

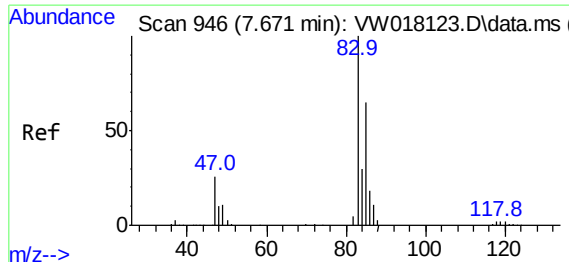


#23
 Bromochloromethane
 Concen: 23.84 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

Tgt Ion: 128 Resp: 73631

Ion	Ratio	Lower	Upper
128	100		
49	129.7	101.6	188.6
130	129.6	90.4	167.8
51	39.3	37.7	56.5

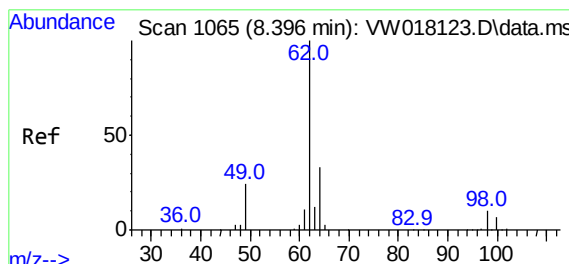
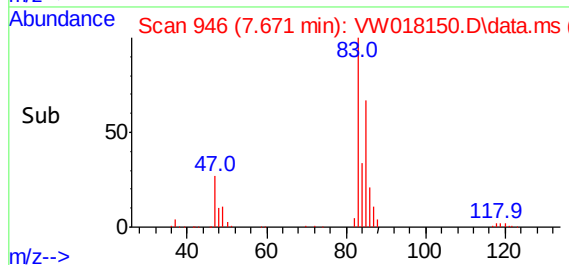
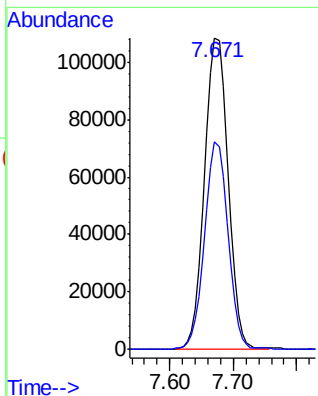
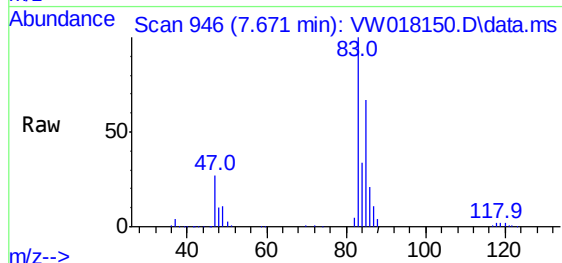




#25
Chloroform
Concen: 24.75 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

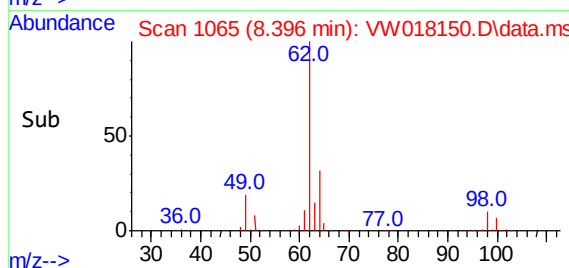
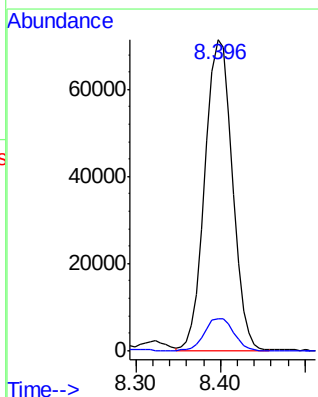
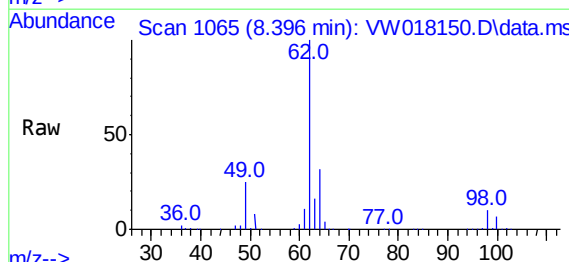
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

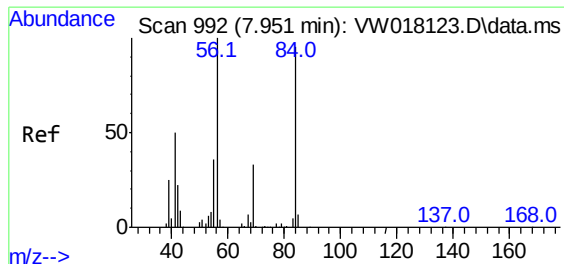
Tgt Ion: 83 Resp: 270114
Ion Ratio Lower Upper
83 100
85 66.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 22.14 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 62 Resp: 156795
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0

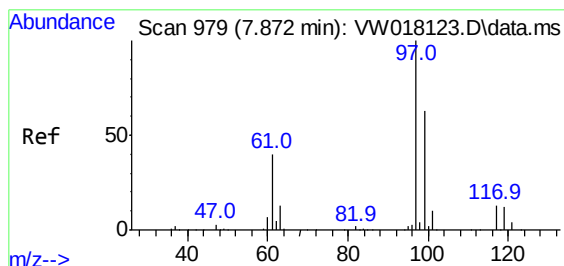
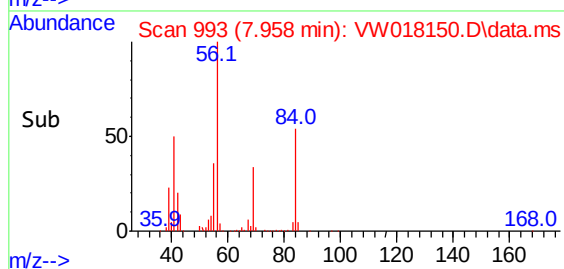
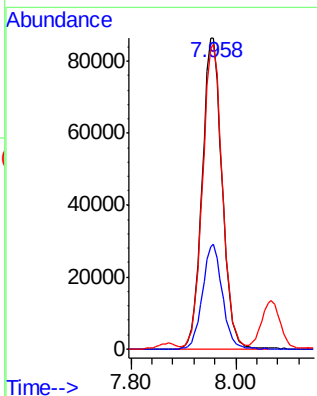
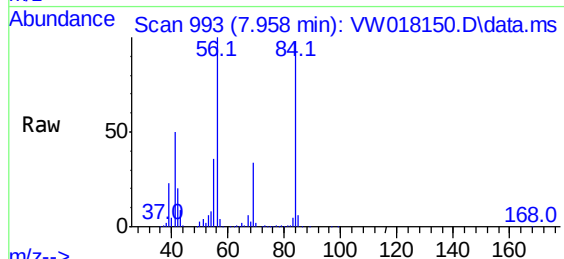




#30
Cyclohexane
Concen: 26.04 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

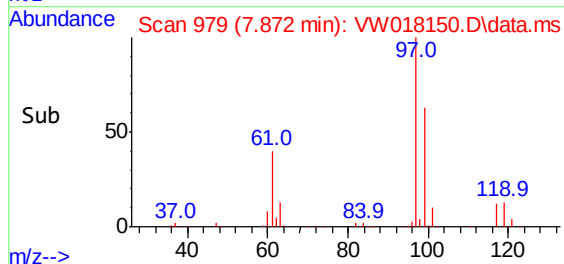
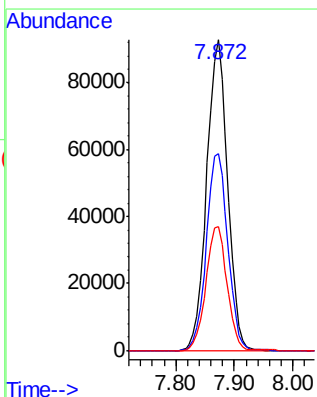
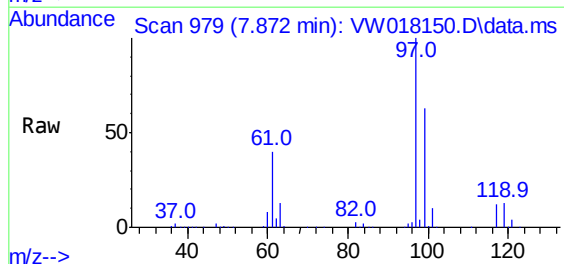
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

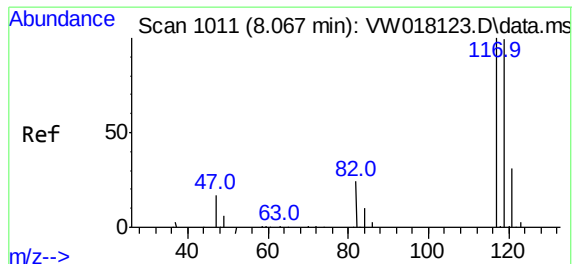
Tgt Ion: 56 Resp: 226639
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 97.9 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 27.18 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 97 Resp: 229262
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 40.3 33.6 50.4

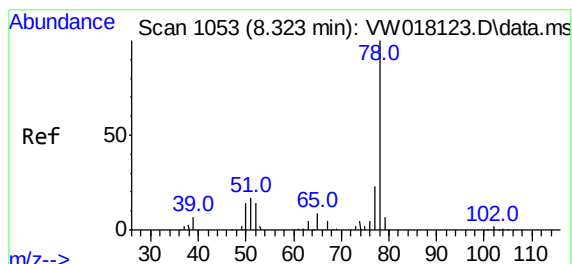
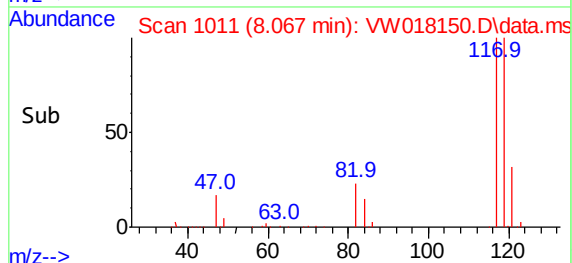
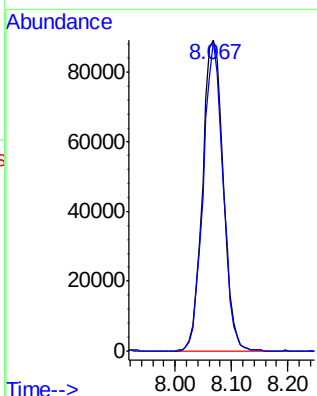
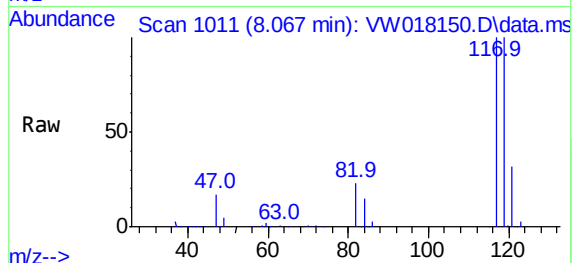




#32
Carbon tetrachloride
Concen: 27.47 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

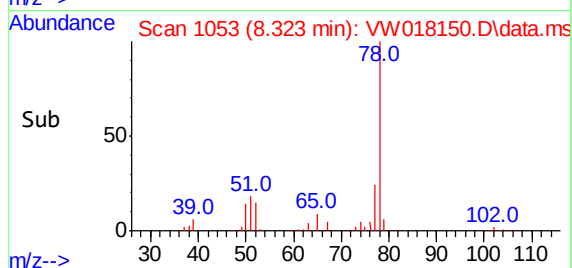
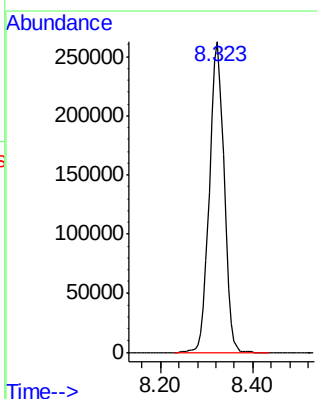
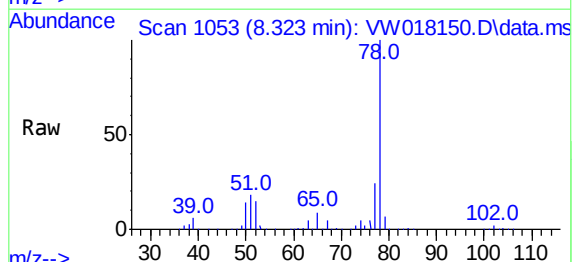
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

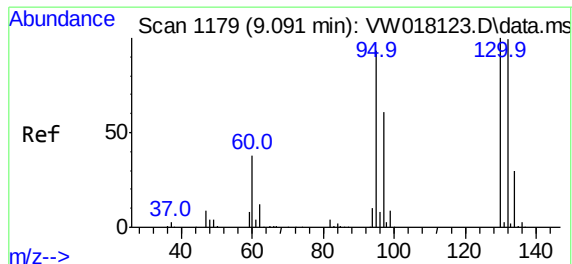
Tgt Ion:117 Resp: 224481
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8



#34
Benzene
Concen: 26.12 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 78 Resp: 580766

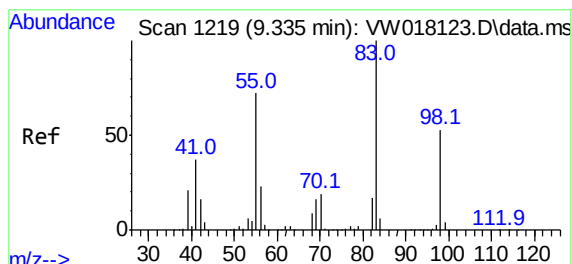
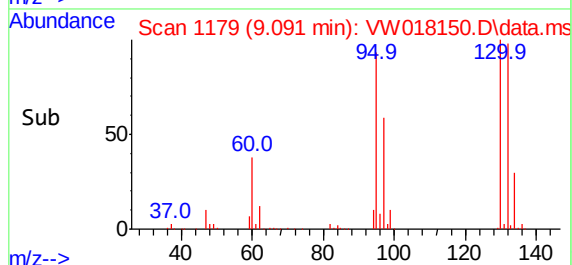
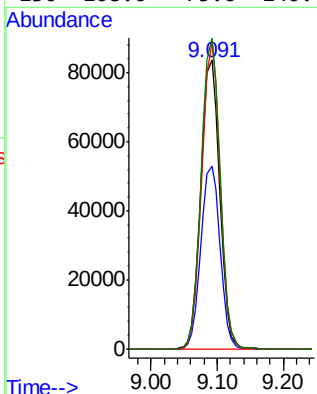
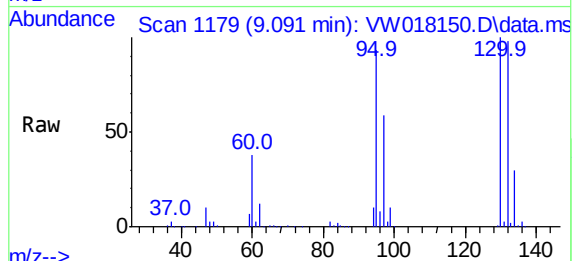




#35
Trichloroethene
Concen: 26.20 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

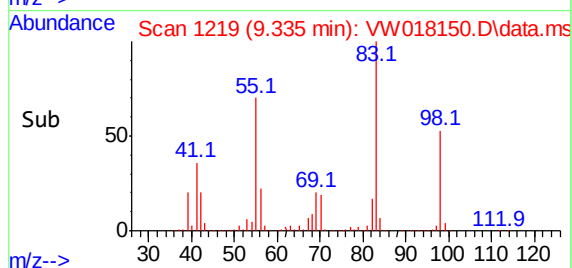
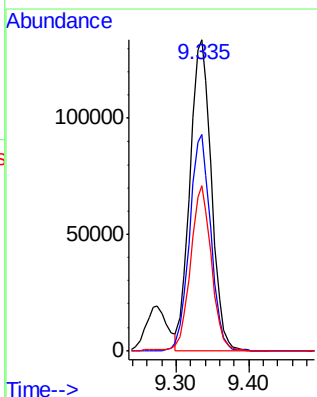
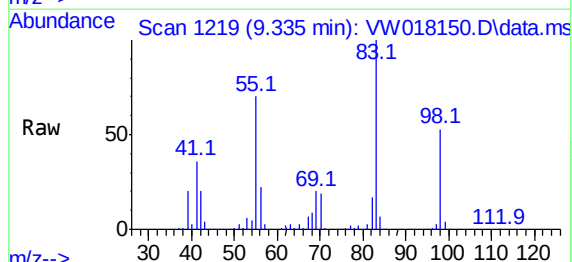
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

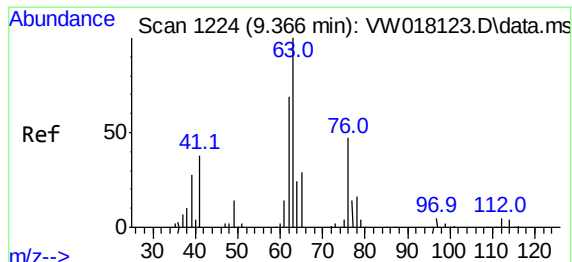
Tgt Ion: 95 Resp: 164166
Ion Ratio Lower Upper
95 100
97 64.6 45.0 83.6
132 103.1 71.0 131.8
130 108.0 75.6 140.4



#36
Methylcyclohexane
Concen: 26.17 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 83 Resp: 275775
Ion Ratio Lower Upper
83 100
55 68.9 59.4 89.0
98 51.4 40.7 61.1

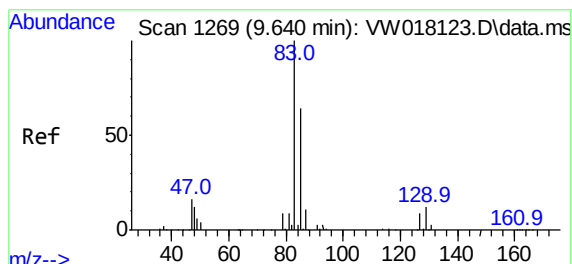
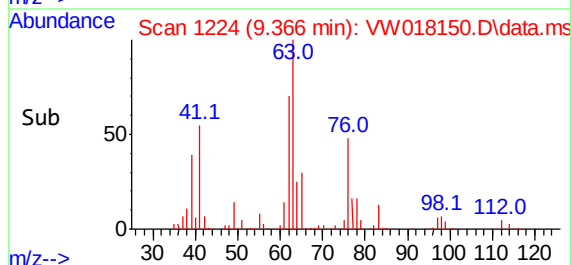
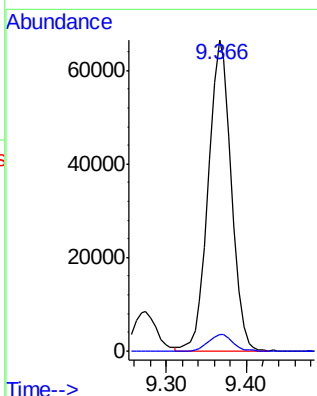
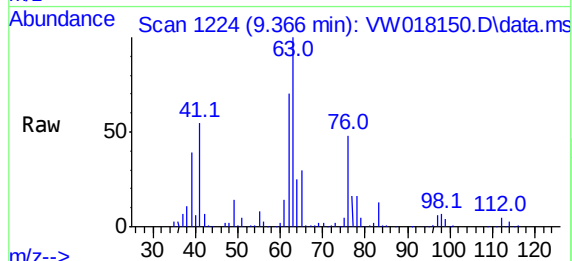




#40
1,2-Dichloropropane
Concen: 25.92 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

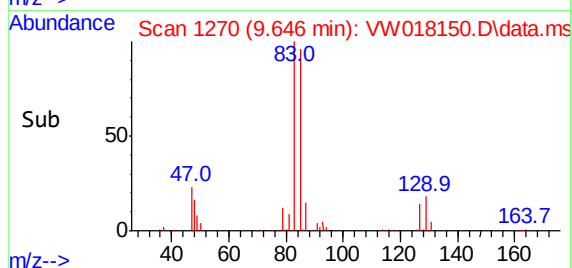
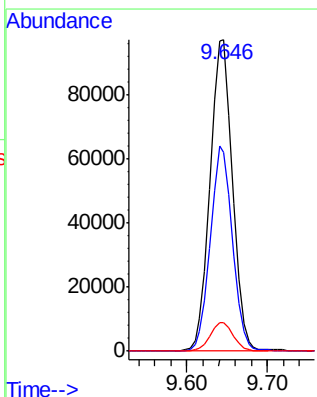
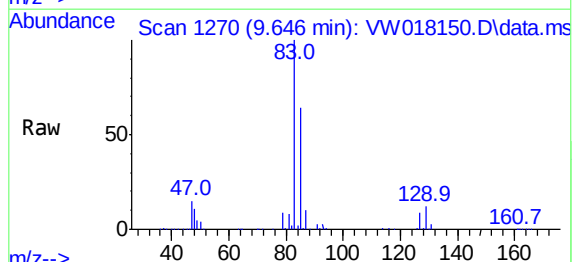
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

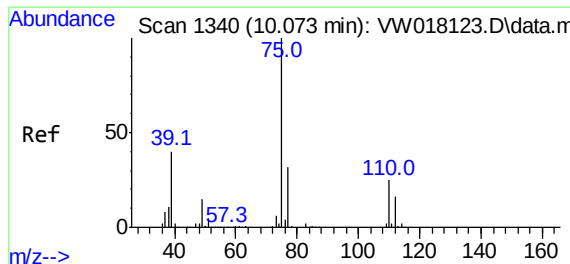
Tgt Ion: 63 Resp: 132282
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.4



#41
Bromodichloromethane
Concen: 25.77 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 83 Resp: 188320
Ion Ratio Lower Upper
83 100
85 63.7 46.8 86.8
127 9.1 7.6 11.4

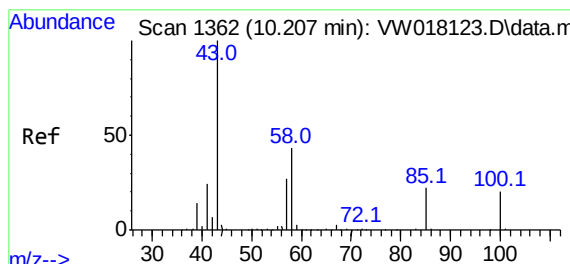
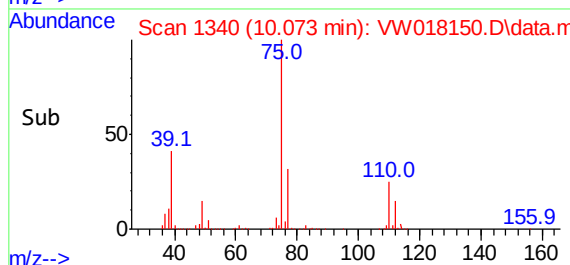
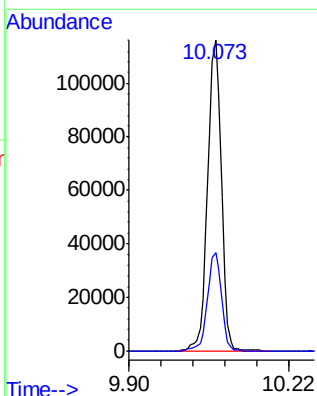
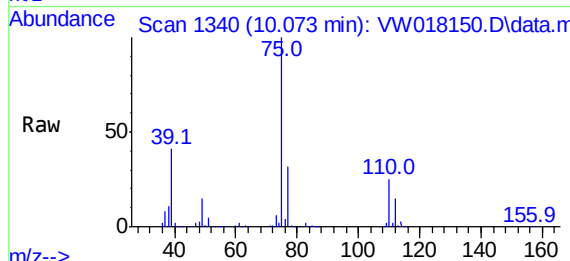




#42
cis-1,3-Dichloropropene
Concen: 26.10 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

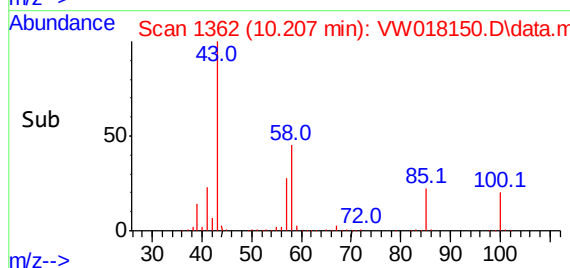
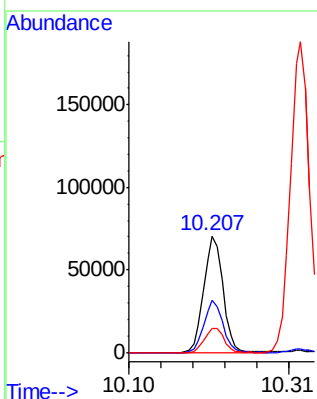
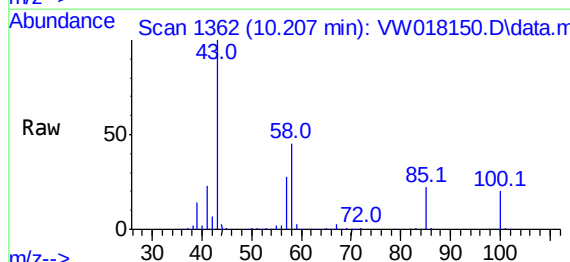
Instrument :
MSVOA_W
ClientSampled :
VSTD02525

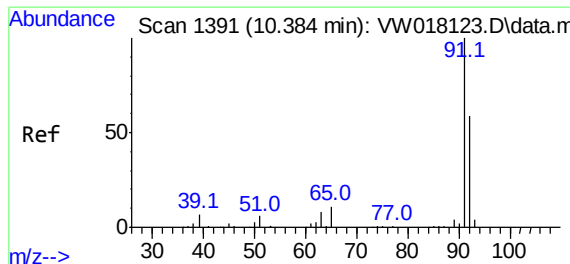
Tgt Ion: 75 Resp: 214594
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 38.64 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 43 Resp: 122585
Ion Ratio Lower Upper
43 100
58 44.0 31.6 47.4
100 21.0 14.1 21.1

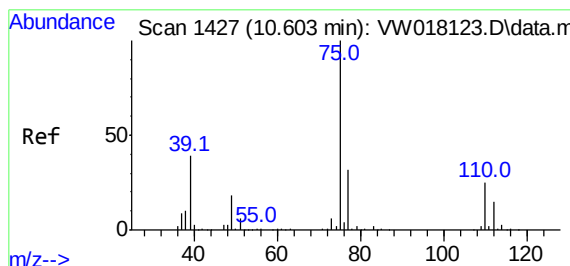
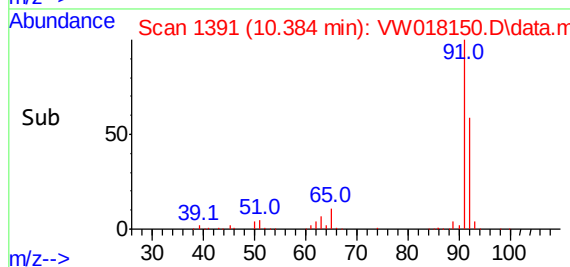
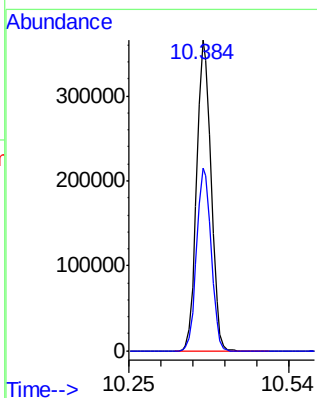
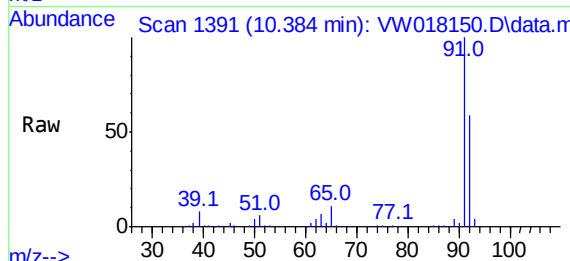




#44
Toluene
Concen: 26.23 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

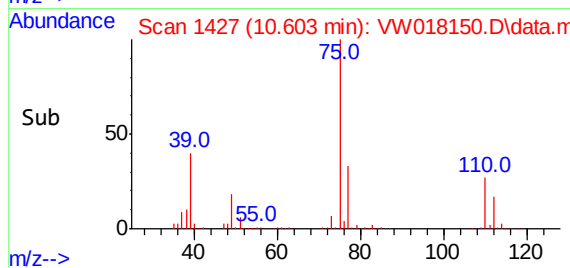
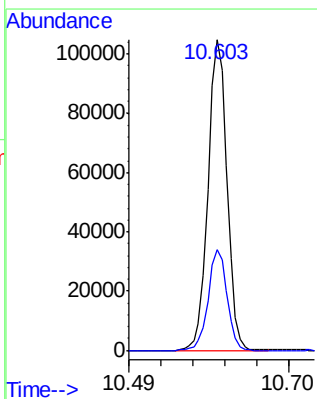
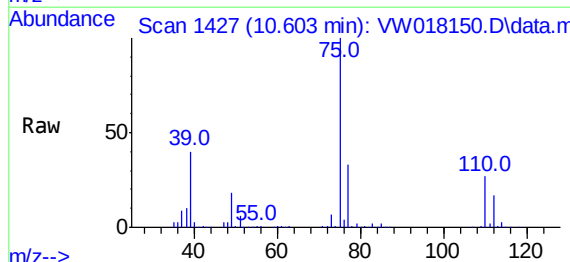
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

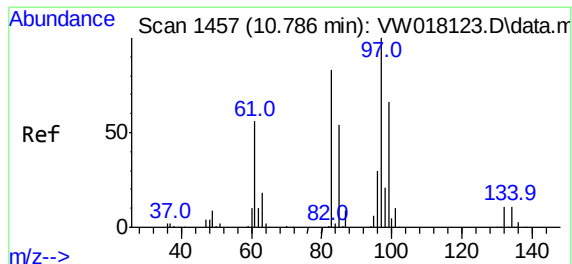
Tgt Ion: 91 Resp: 641940
Ion Ratio Lower Upper
91 100
92 58.7 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 25.23 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 75 Resp: 180609
Ion Ratio Lower Upper
75 100
77 32.6 22.6 42.0



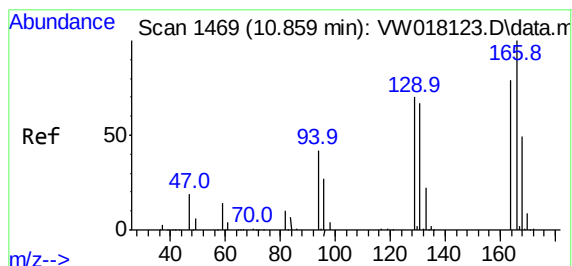
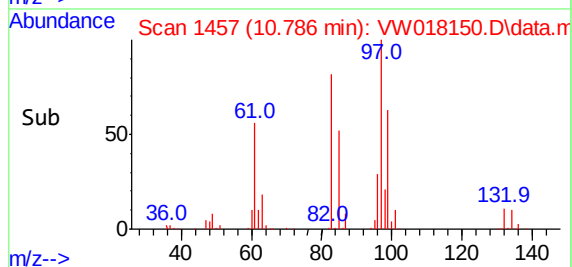
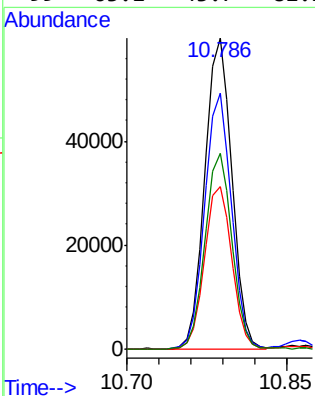
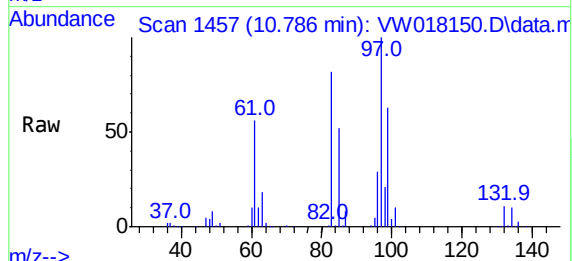


#46
1,1,2-Trichloroethane
Concen: 23.57 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

Tgt Ion: 97 Resp: 102648

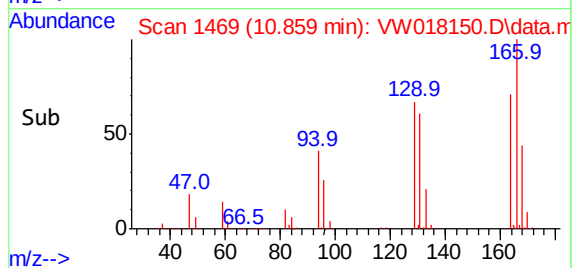
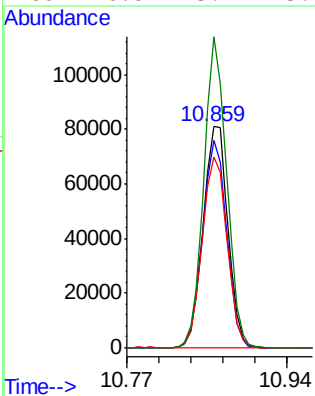
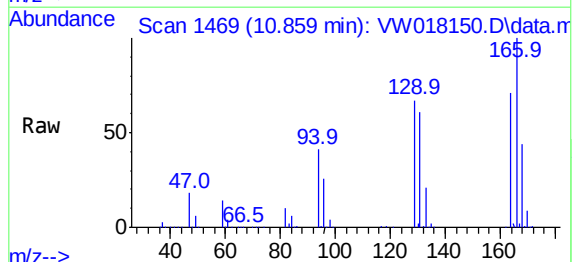
Ion	Ratio	Lower	Upper
97	100		
83	82.4	58.5	108.7
85	52.4	37.8	70.2
99	63.1	43.7	81.1

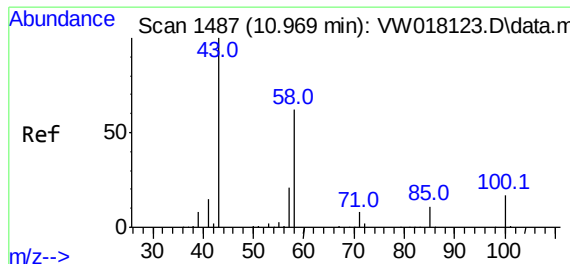


#47
Tetrachloroethene
Concen: 27.06 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 164 Resp: 144380

Ion	Ratio	Lower	Upper
164	100		
129	93.8	67.6	125.6
131	86.3	65.2	121.2
166	140.8	93.2	173.2

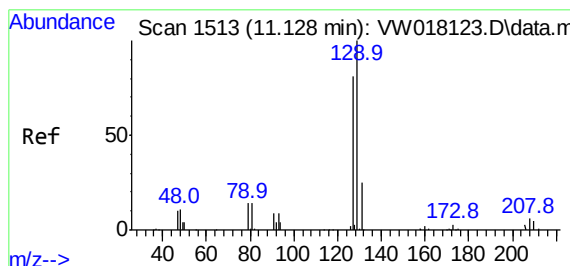
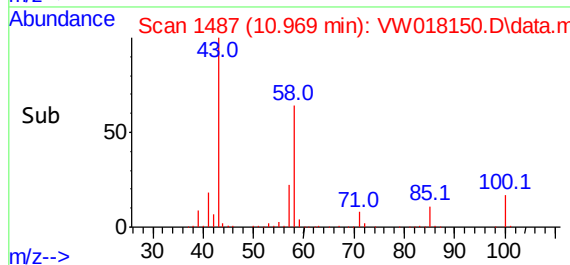
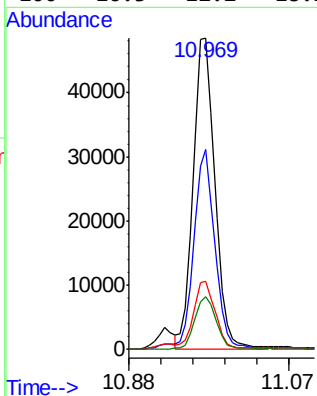
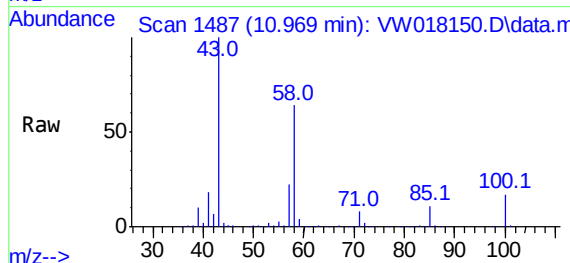




#49
2-Hexanone
Concen: 38.46 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

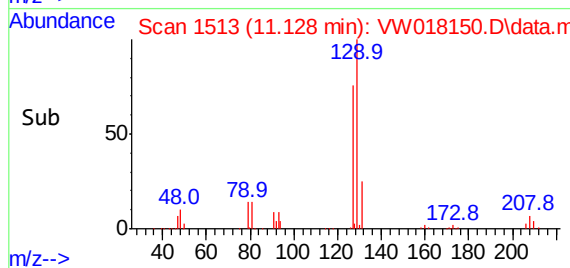
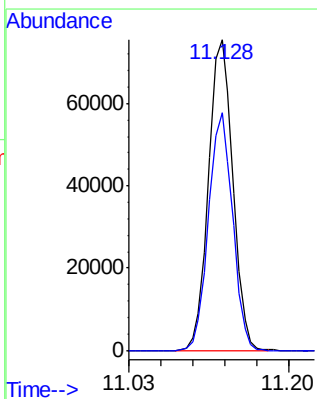
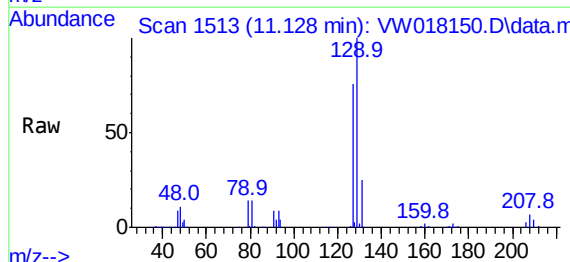
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

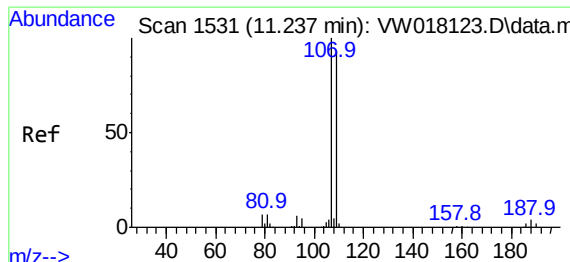
Tgt Ion: 43 Resp: 84794
Ion Ratio Lower Upper
43 100
58 60.1 51.3 76.9
57 21.4 15.0 22.6
100 16.3 12.2 18.2



#50
Dibromochloromethane
Concen: 25.26 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 129 Resp: 131816
Ion Ratio Lower Upper
129 100
127 76.4 53.2 98.8

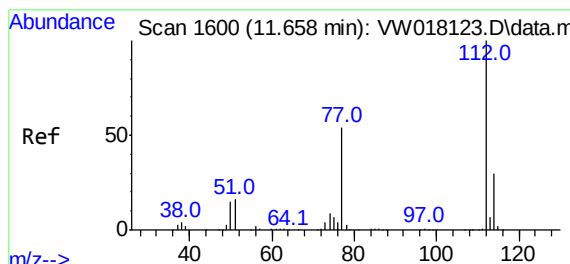
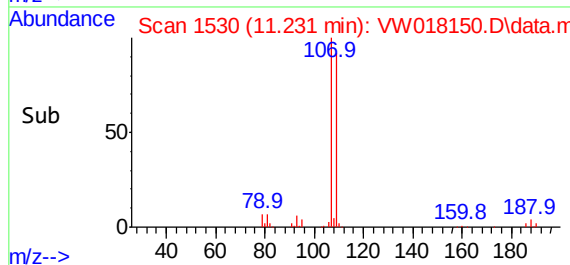
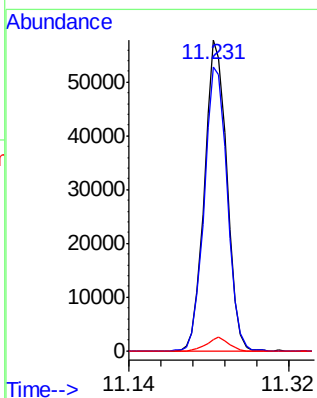
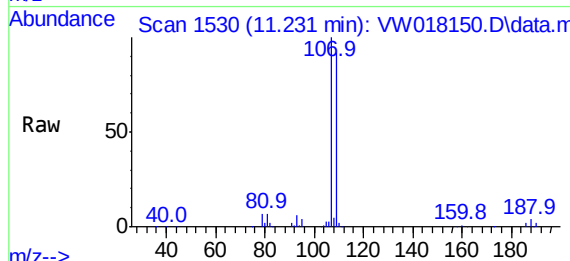




#51
1,2-Dibromoethane
Concen: 23.07 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

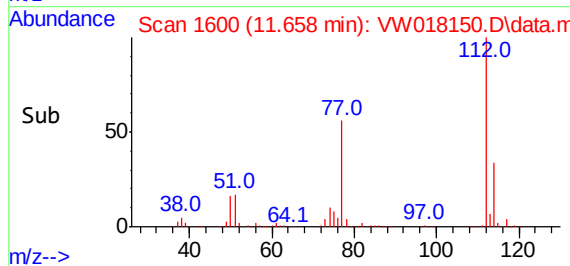
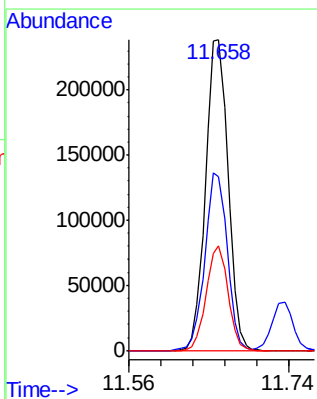
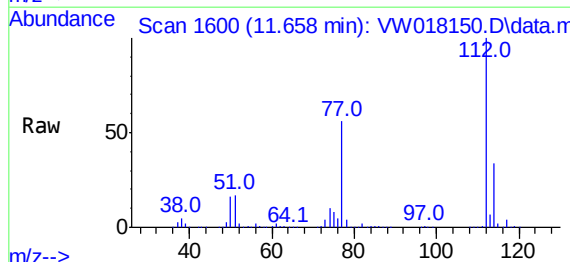
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

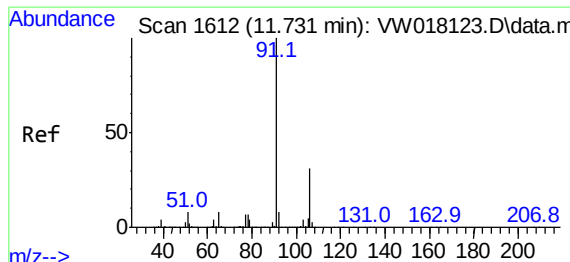
Tgt Ion:107 Resp: 100228
Ion Ratio Lower Upper
107 100
109 91.6 66.4 123.2
188 3.7 4.0 6.0#



#52
Chlorobenzene
Concen: 25.94 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion:112 Resp: 418273
Ion Ratio Lower Upper
112 100
77 55.9 42.6 64.0
114 33.8 21.6 40.2

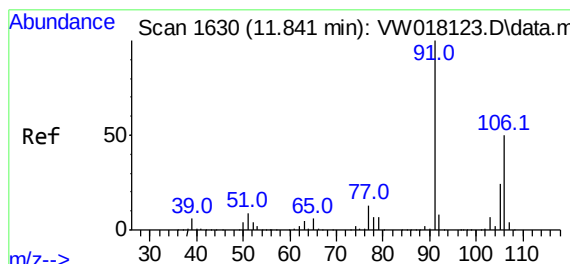
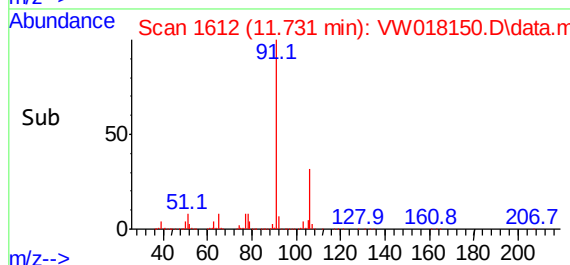
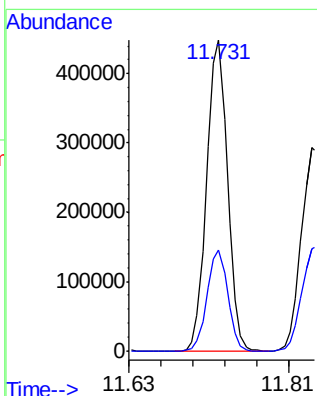
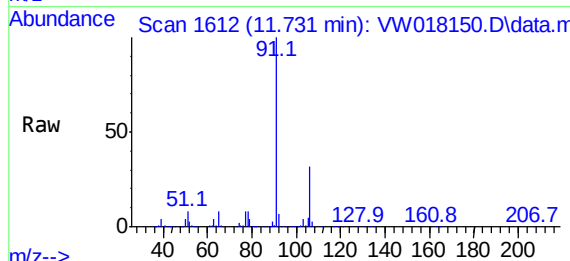




#53
Ethylbenzene
Concen: 26.17 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

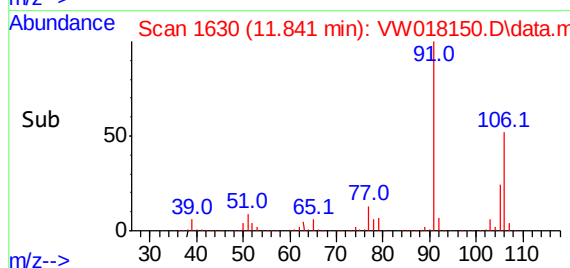
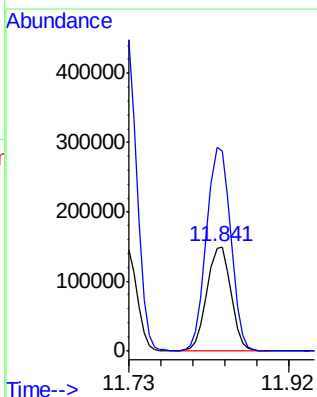
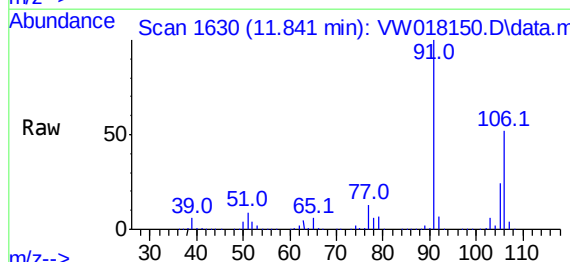
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

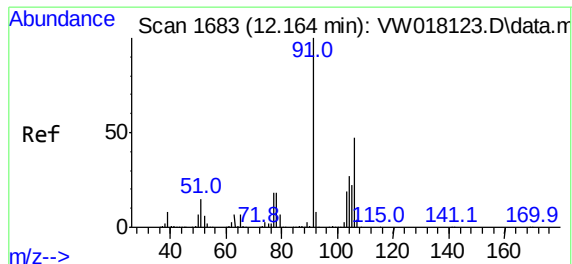
Tgt Ion: 91 Resp: 727753
Ion Ratio Lower Upper
91 100
106 32.3 21.1 39.1



#54
m,p-Xylene
Concen: 26.79 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 106 Resp: 284130
Ion Ratio Lower Upper
106 100
91 192.3 136.4 253.4

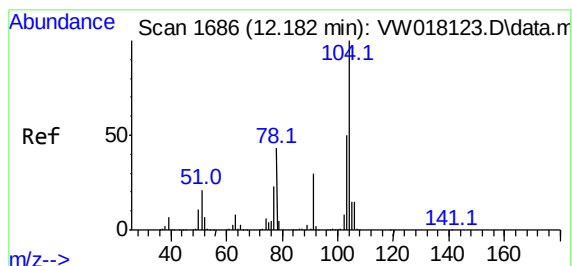
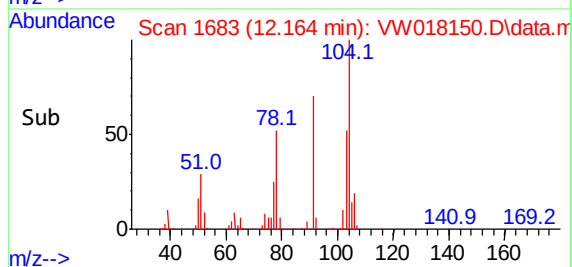
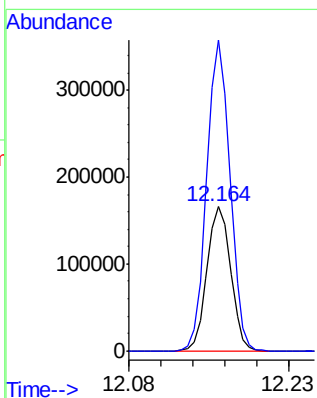
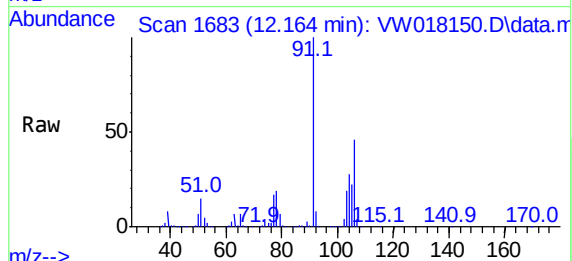




#55
o-xylene
Concen: 26.65 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

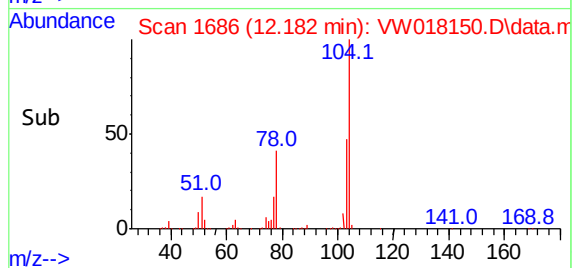
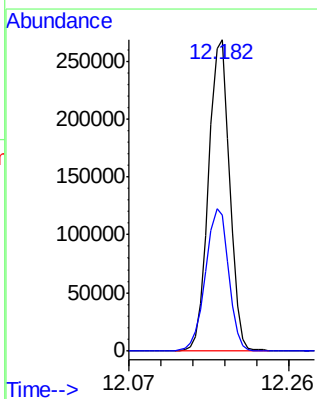
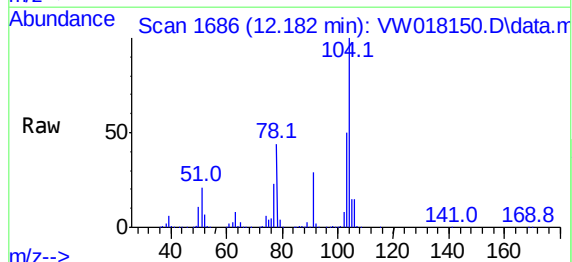
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

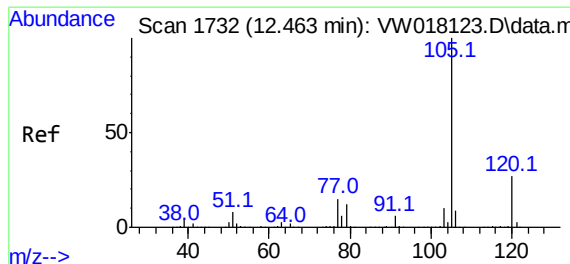
Tgt Ion:106 Resp: 268097
Ion Ratio Lower Upper
106 100
91 215.9 147.6 274.2



#56
Styrene
Concen: 26.08 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion:104 Resp: 446123
Ion Ratio Lower Upper
104 100
78 43.5 31.3 58.1

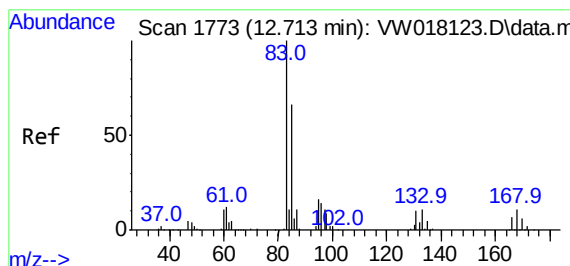
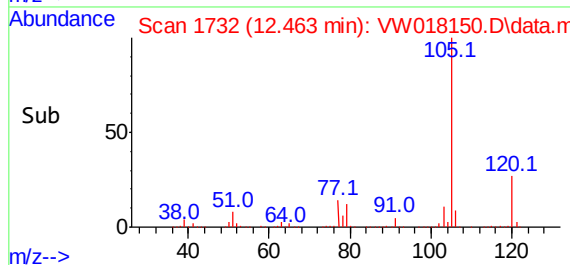
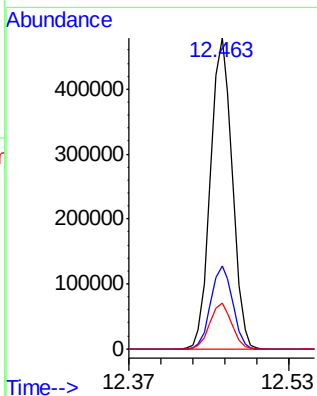
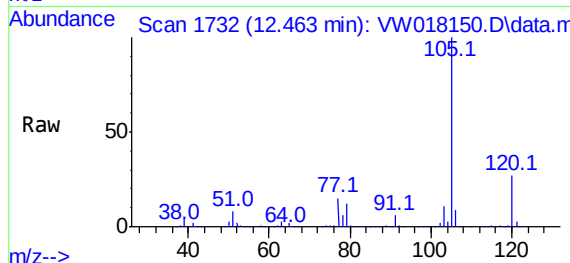




#57
Isopropylbenzene
Concen: 26.69 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

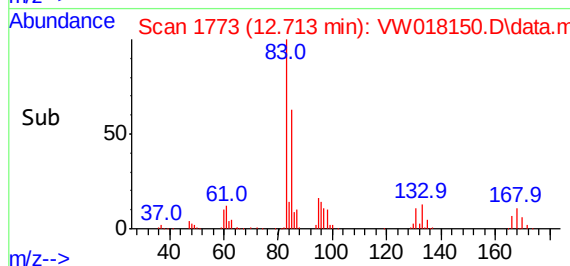
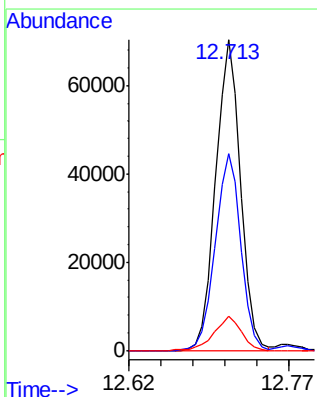
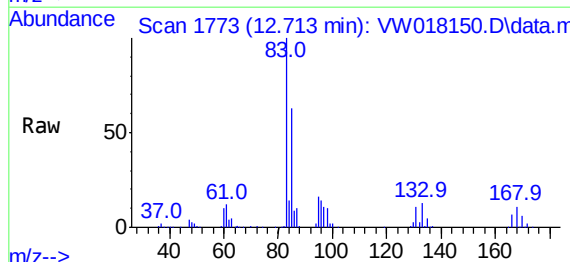
Instrument :
MSVOA_W
ClientSampled :
VSTD02525

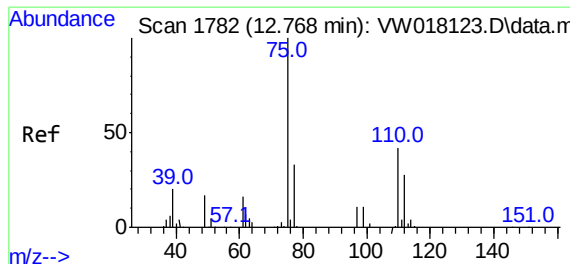
Tgt Ion:105 Resp: 747870
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.6 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 21.57 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 83 Resp: 111118
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1
131 11.2 8.3 12.5

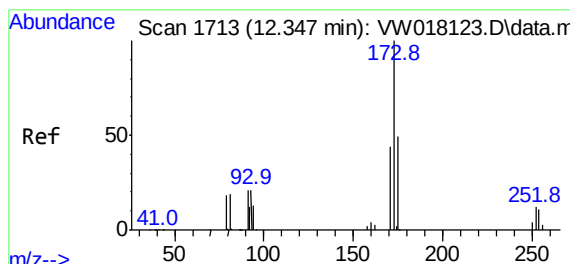
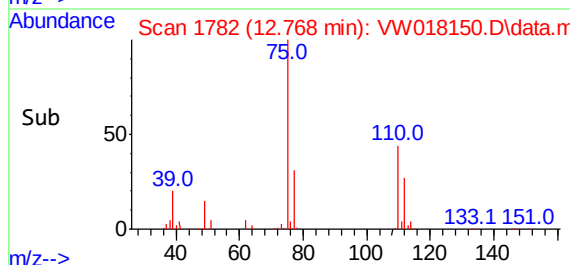
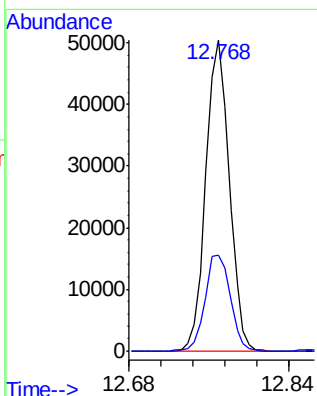
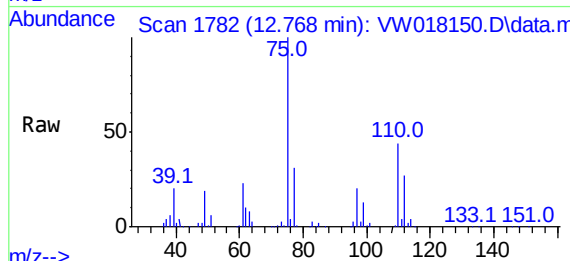




#59
1,2,3-Trichloropropane
Concen: 20.56 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

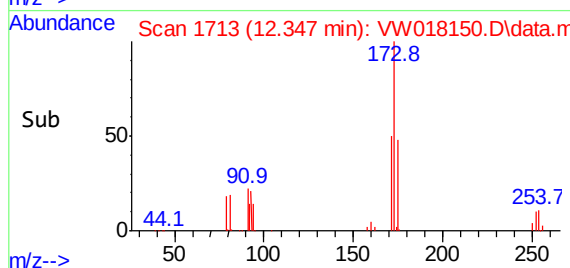
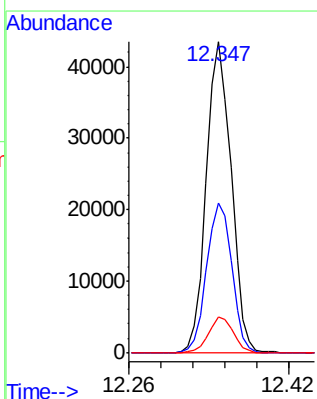
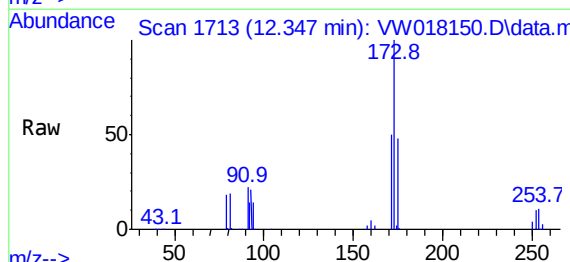
Instrument :
MSVOA_W
ClientSampled :
VSTD02525

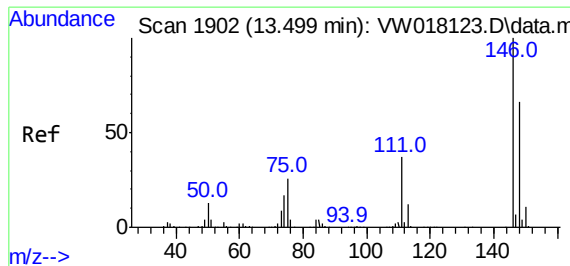
Tgt Ion: 75 Resp: 80270
Ion Ratio Lower Upper
75 100
77 33.1 26.6 39.8



#62
Bromoform
Concen: 23.45 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 173 Resp: 73329
Ion Ratio Lower Upper
173 100
175 48.9 39.1 58.7
254 11.1 7.1 10.7#

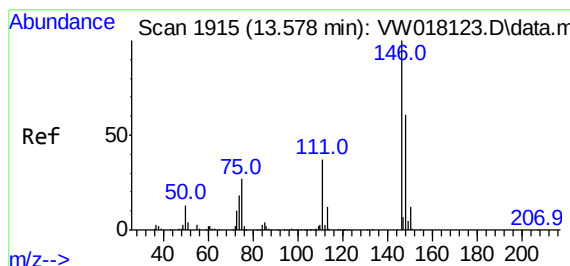
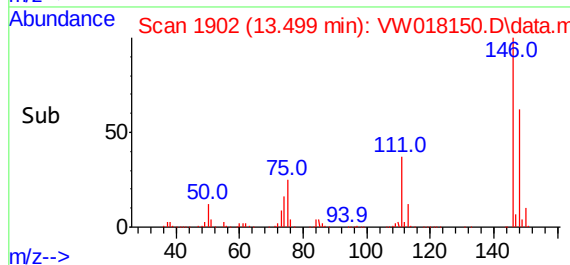
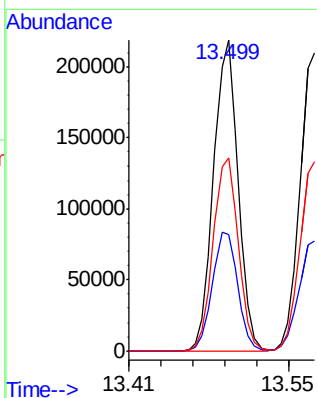
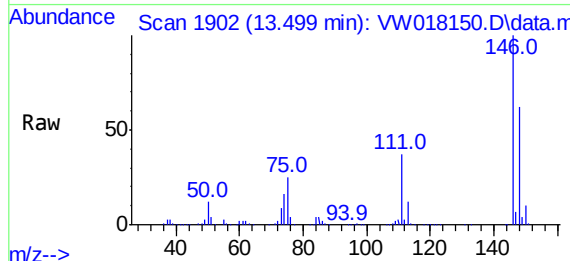




#63
 1,3-Dichlorobenzene
 Concen: 26.43 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

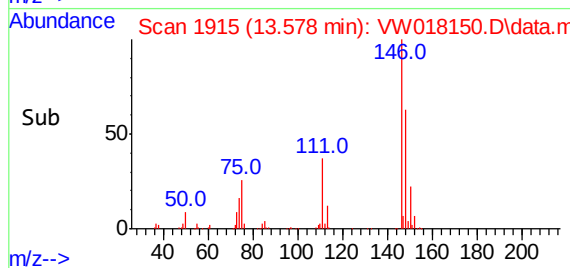
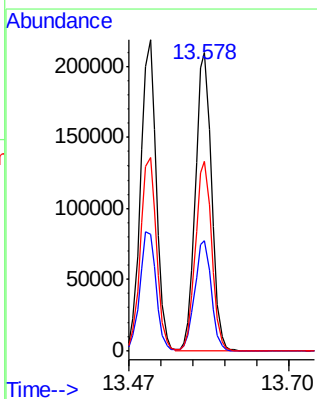
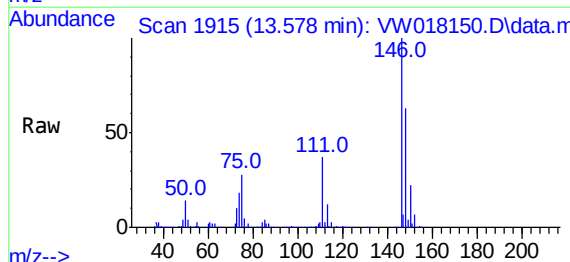
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

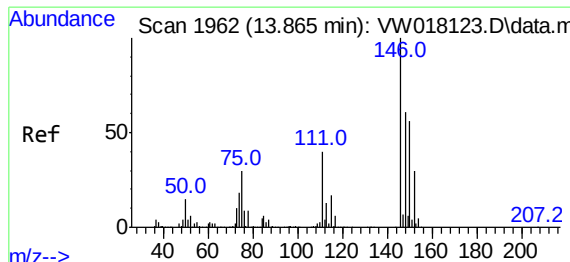
Tgt Ion:146 Resp: 341839
 Ion Ratio Lower Upper
 146 100
 111 37.4 28.5 52.9
 148 62.3 47.8 88.8



#64
 1,4-Dichlorobenzene
 Concen: 25.65 ug/L
 RT: 13.578 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW018150.D
 Acq: 16 Feb 2021 09:20

Tgt Ion:146 Resp: 333682
 Ion Ratio Lower Upper
 146 100
 111 36.9 27.7 51.5
 148 63.3 47.0 87.2

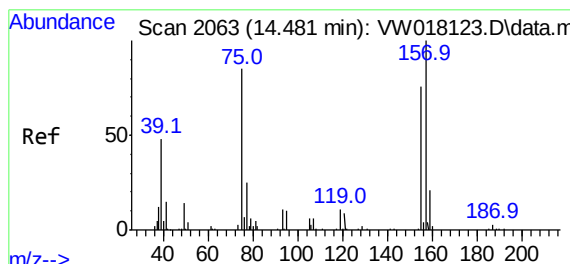
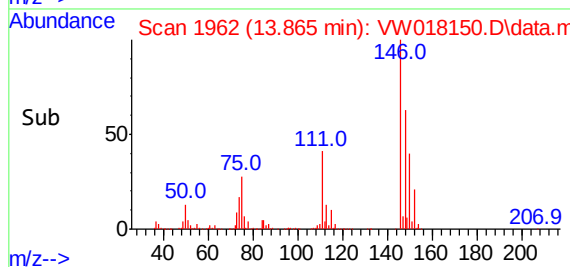
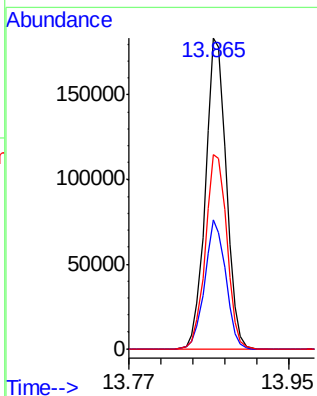
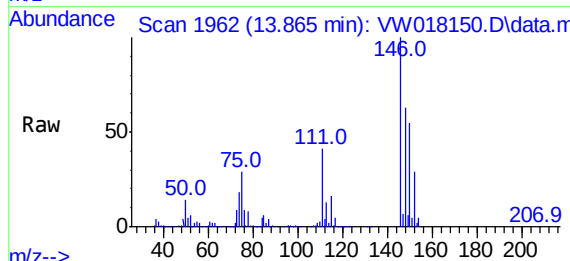




#65
1,2-Dichlorobenzene
Concen: 25.36 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

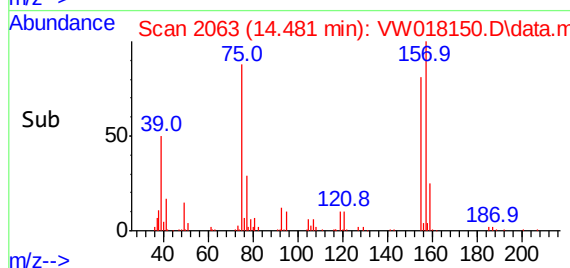
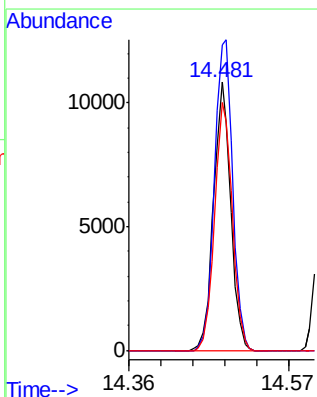
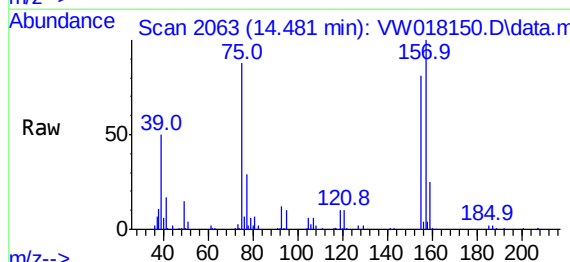
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

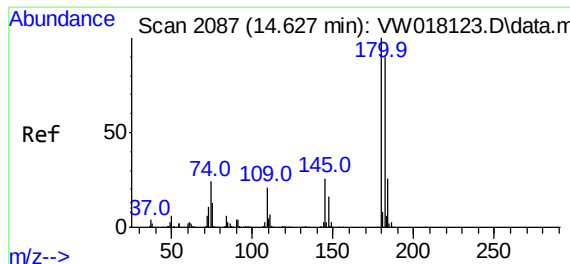
Tgt Ion:146 Resp: 295744
Ion Ratio Lower Upper
146 100
111 41.4 31.7 47.5
148 62.5 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 19.16 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion: 75 Resp: 16924
Ion Ratio Lower Upper
75 100
157 114.1 99.9 149.9
155 92.5 71.4 107.0

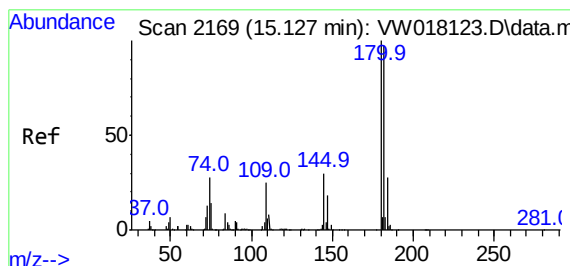
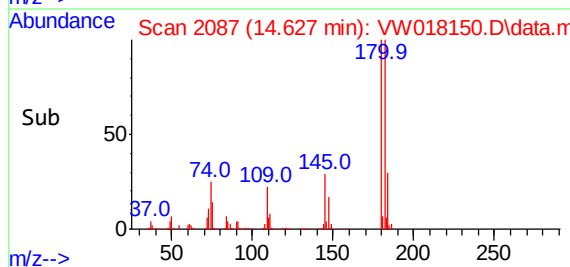
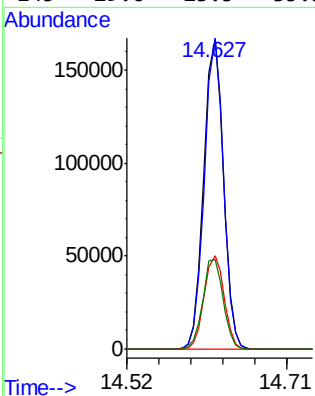
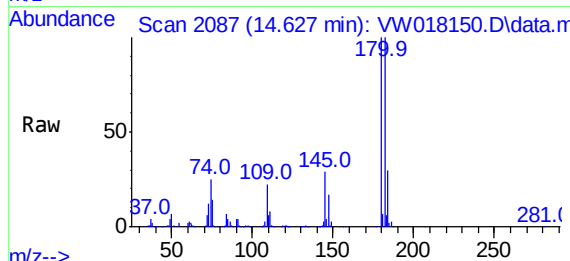




#67
1,3,5-Trichlorobenzene
Concen: 25.97 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

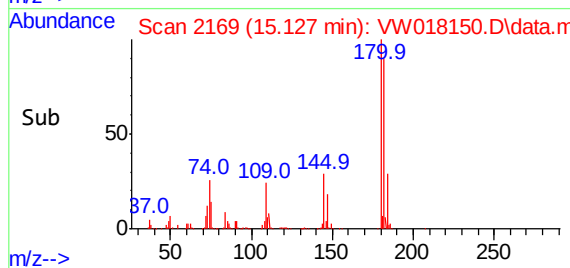
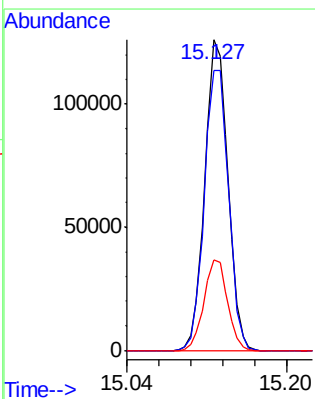
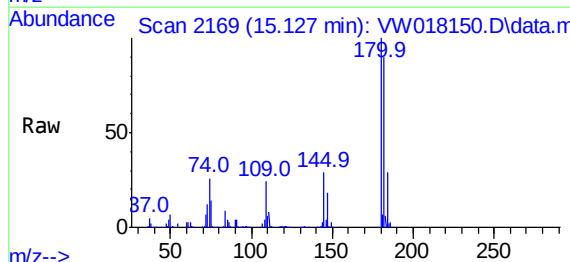
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

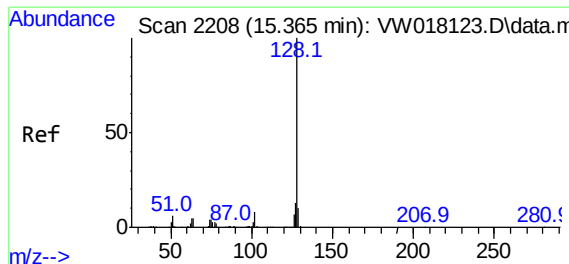
Tgt Ion:180 Resp: 257989
Ion Ratio Lower Upper
180 100
182 97.4 77.0 115.6
184 30.6 24.2 36.4
145 29.6 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 25.22 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion:180 Resp: 208888
Ion Ratio Lower Upper
180 100
182 94.9 71.3 106.9
145 29.7 24.0 36.0

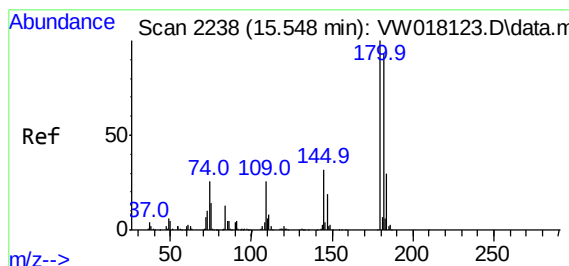
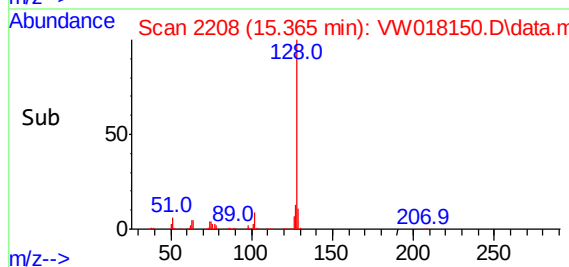
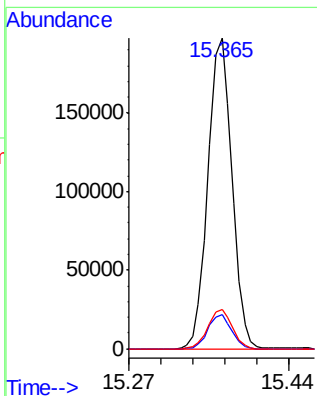
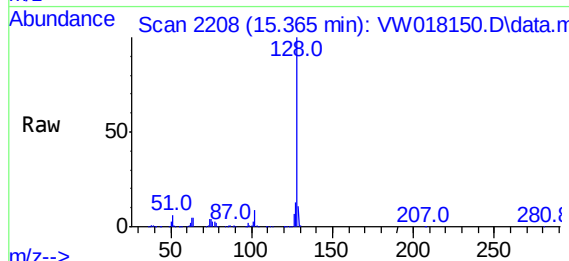




#69
Naphthalene
Concen: 21.23 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

Tgt Ion:128 Resp: 342193
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 23.58 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018150.D
Acq: 16 Feb 2021 09:20

Tgt Ion:180 Resp: 174106
Ion Ratio Lower Upper
180 100
182 97.8 74.7 112.1
145 31.4 25.4 38.0

