

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018635.D
 Acq On : 13 Apr 2021 11:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Apr 14 01:18:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 13 01:58:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	459705	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	420716	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	225853	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120706	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
7) Chloroethane-d5	2.891	69	114511	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	4.019	63	230907	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.64%
20) 2-Butanone-d5	7.073	46	69984	49.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.28%
24) Chloroform-d	7.646	84	270985	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.305	65	148678	21.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.00%
29) Benzene-d6	8.274	84	477763	21.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.44%
33) 1,2-Dichloropropane-d6	9.274	67	148758	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.323	98	449954	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.56%
38) trans-1,3-Dichloroprop...	10.579	79	67004	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.56%
39) 2-Hexanone-d5	10.926	63	56436	44.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.40%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	138880	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	13.853	152	173790	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	110180	20.87	ug/L	95
3) Chloromethane	2.214	50	157086	23.60	ug/L	99
5) Vinyl chloride	2.367	62	234335	26.81	ug/L	99
6) Bromomethane	2.781	94	154728	24.52	ug/L	99
8) Chloroethane	2.928	64	145630	26.72	ug/L	97
9) Trichlorofluoromethane	3.263	101	129508	29.45	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	165051	29.19	ug/L	98
12) 1,1-Dichloroethene	4.043	96	161534	27.99	ug/L	88
13) Acetone	4.123	43	53564	52.35	ug/L	98
14) Carbon disulfide	4.385	76	453359	26.09	ug/L	100
15) Methyl Acetate	4.665	43	62873	26.87	ug/L	98
16) Methylene chloride	4.915	84	163846	21.73	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	209812	24.89	ug/L	98
18) trans-1,2-Dichloroethene	5.427	96	174398	27.38	ug/L	98
19) 1,1-Dichloroethane	6.220	63	299521	27.55	ug/L	99
21) 2-Butanone	7.171	43	84567	52.02	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	184705	27.56	ug/L	98
23) Bromochloromethane	7.512	128	84401	28.46	ug/L	90
25) Chloroform	7.677	83	326895	28.34	ug/L	99
27) 1,2-Dichloroethane	8.396	62	216648	26.47	ug/L	100

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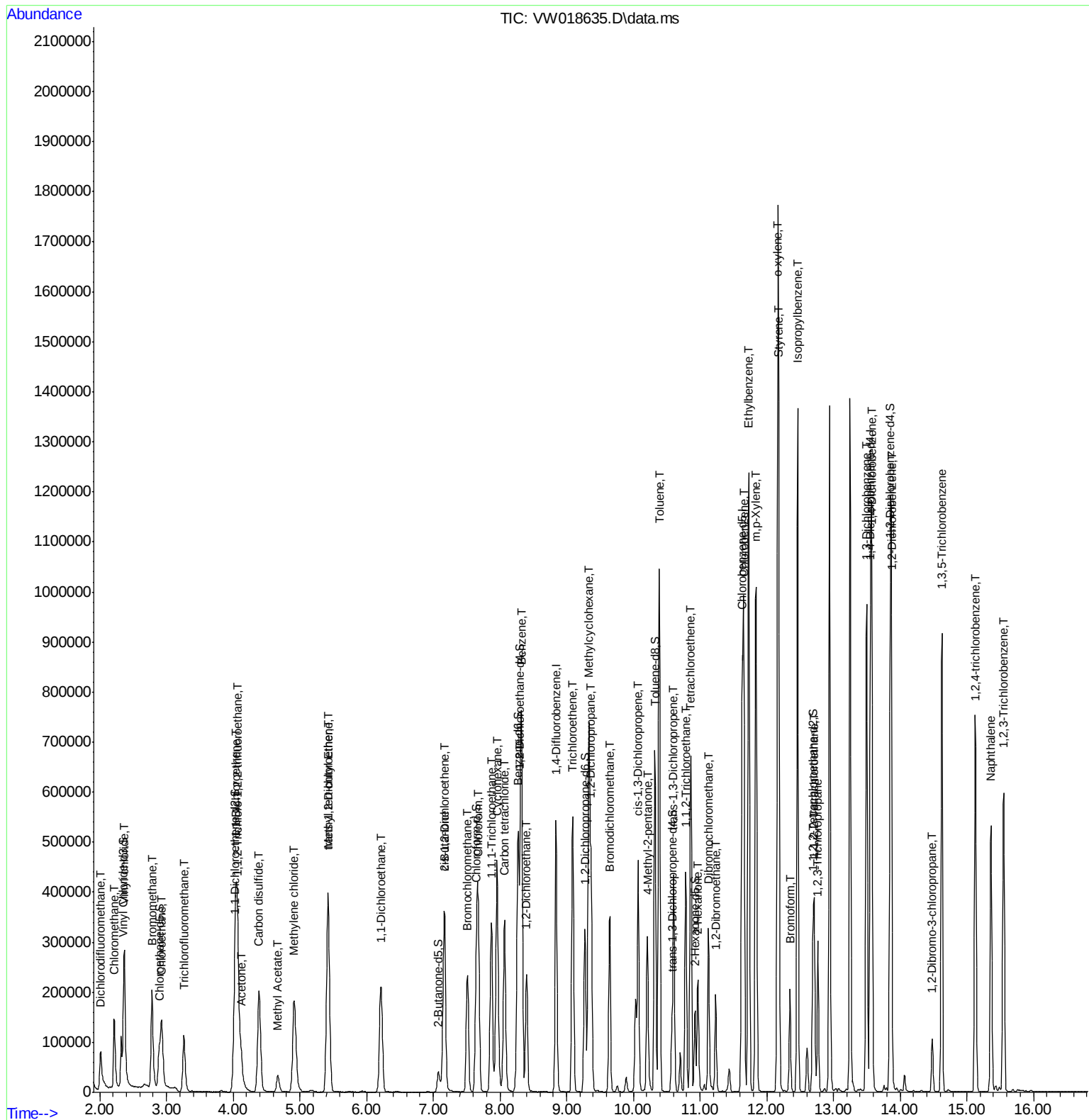
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.957	56	257664	25.80	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	275386	29.29	ug/L	99
32) Carbon tetrachloride	8.067	117	266188	30.38	ug/L	99
34) Benzene	8.323	78	683644	28.06	ug/L	100
35) Trichloroethene	9.091	95	188626	28.02	ug/L	96
36) Methylcyclohexane	9.335	83	303532	25.75	ug/L	98
40) 1,2-Dichloropropane	9.366	63	164024	27.52	ug/L	98
41) Bromodichloromethane	9.646	83	230697	27.38	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	266365	26.43	ug/L	100
43) 4-Methyl-2-pentanone	10.213	43	193093	53.87	ug/L	97
44) Toluene	10.390	91	788520	28.47	ug/L	93
45) trans-1,3-Dichloropropene	10.603	75	235973	26.07	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	129939	27.34	ug/L	97
47) Tetrachloroethene	10.859	164	147435	28.84	ug/L	94
49) 2-Hexanone	10.969	43	136183	53.69	ug/L	96
50) Dibromochloromethane	11.127	129	158904	28.36	ug/L	95
51) 1,2-Dibromoethane	11.231	107	131681	27.98	ug/L	94
52) Chlorobenzene	11.658	112	499613	28.44	ug/L	100
53) Ethylbenzene	11.731	91	861526	27.59	ug/L	98
54) m,p-Xylene	11.841	106	329129	27.58	ug/L	99
55) o-xylene	12.164	106	312174	27.44	ug/L	94
56) Styrene	12.182	104	547246	28.21	ug/L	95
57) Isopropylbenzene	12.463	105	862396	27.87	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	157630	27.40	ug/L	91
59) 1,2,3-Trichloropropane	12.767	75	116718	26.88	ug/L	98
62) Bromoform	12.347	173	89350	25.80	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	392148	27.13	ug/L	99
64) 1,4-Dichlorobenzene	13.578	146	382860	26.25	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	345418	26.74	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	25469	21.81	ug/L #	79
67) 1,3,5-Trichlorobenzene	14.627	180	270299	25.93	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	220968	24.91	ug/L	92
69) Naphthalene	15.365	128	456229	24.70	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	197118	25.47	ug/L	99

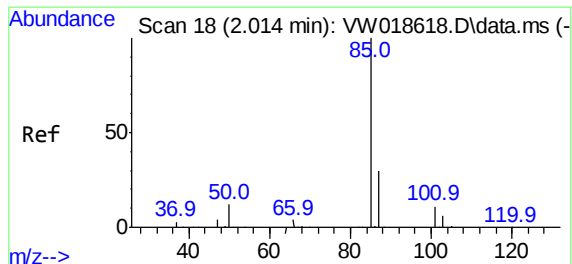
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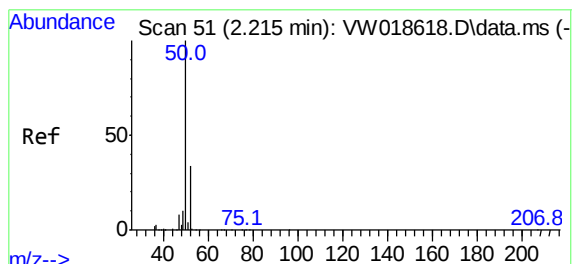
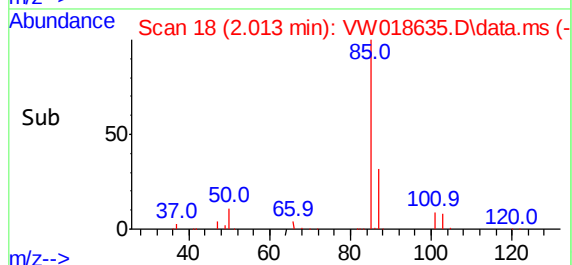
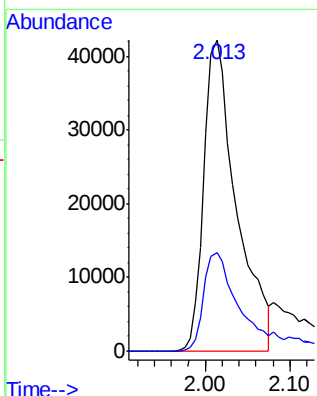
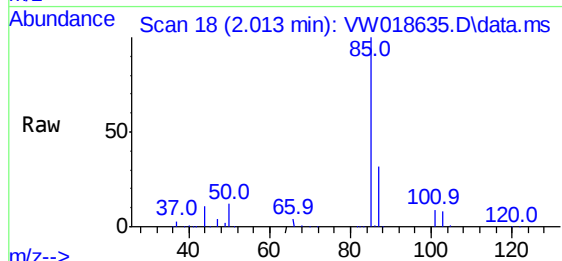




#2
Dichlorodifluoromethane
Concen: 20.87 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

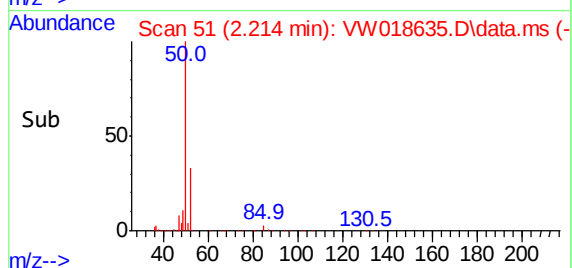
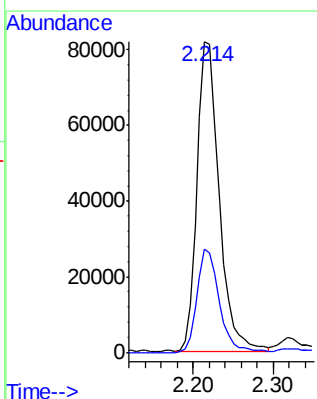
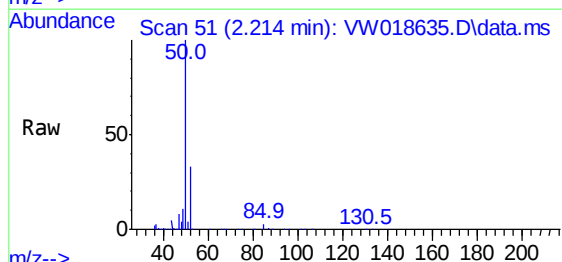
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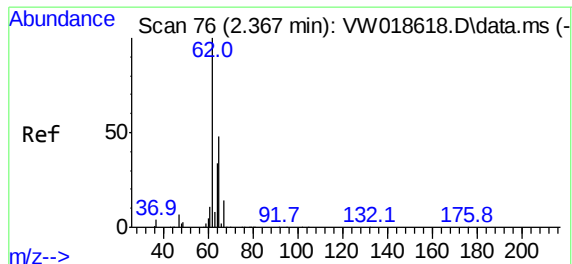
Tgt Ion: 85 Resp: 110180
Ion Ratio Lower Upper
85 100
87 34.7 22.2 41.2



#3
Chloromethane
Concen: 23.60 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 50 Resp: 157086
Ion Ratio Lower Upper
50 100
52 33.3 23.7 43.9

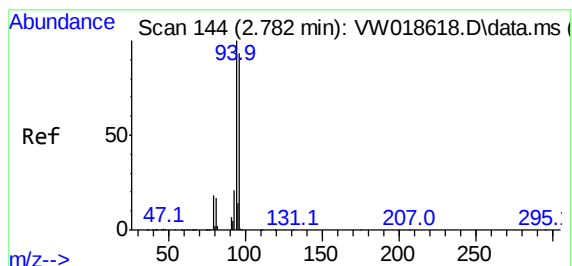
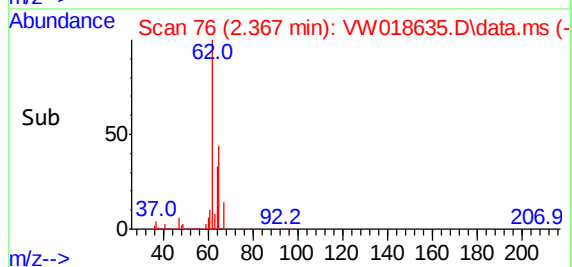
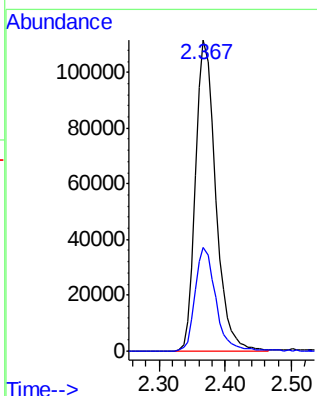
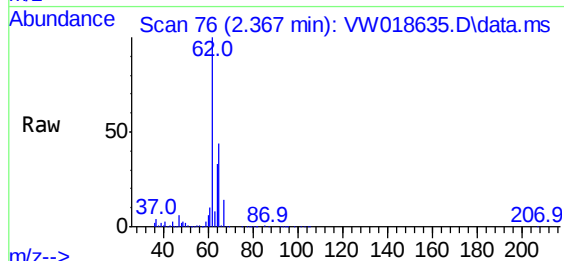




#5
 Vinyl chloride
 Concen: 26.81 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018635.D
 Acq: 13 Apr 2021 11:31

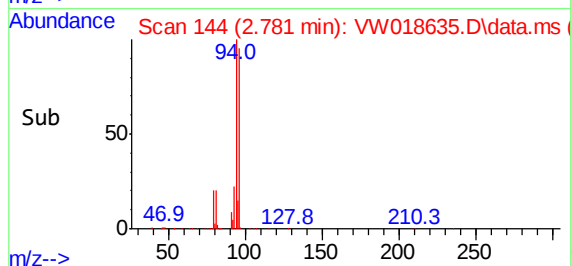
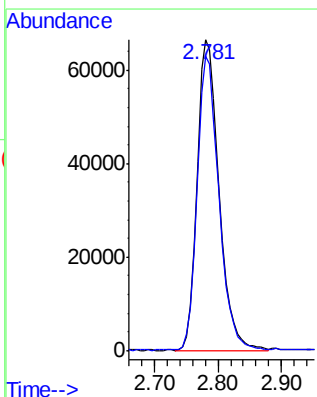
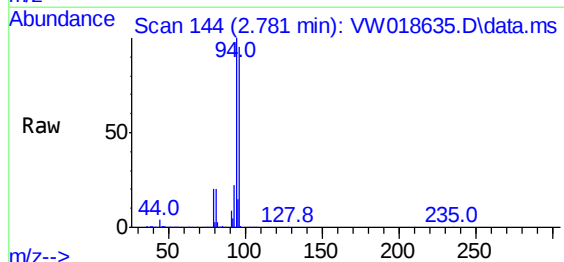
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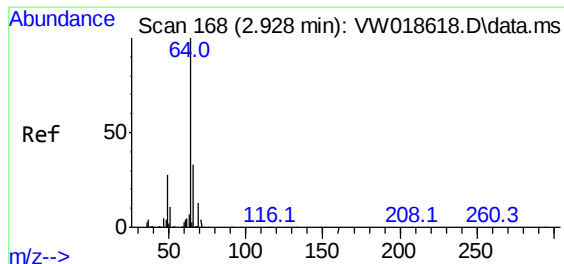
Tgt Ion: 62 Resp: 234335
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.5 43.7



#6
 Bromomethane
 Concen: 24.52 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018635.D
 Acq: 13 Apr 2021 11:31

Tgt Ion: 94 Resp: 154728
 Ion Ratio Lower Upper
 94 100
 96 93.7 9.4 179.4

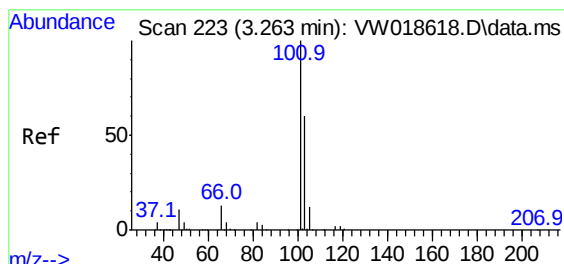
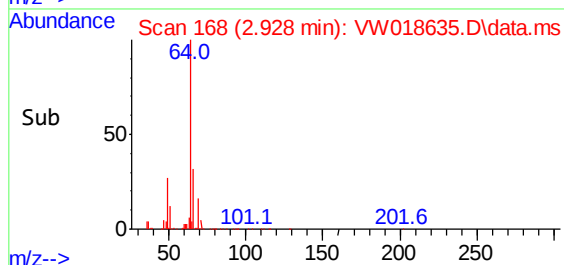
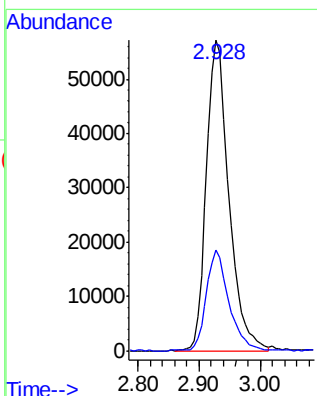
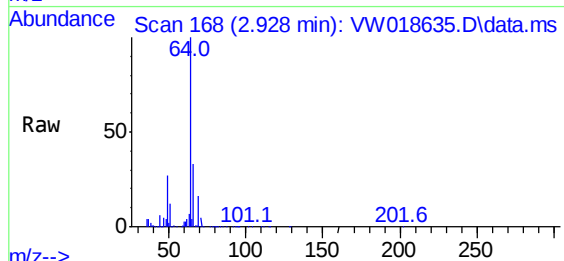




#8
Chloroethane
Concen: 26.72 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

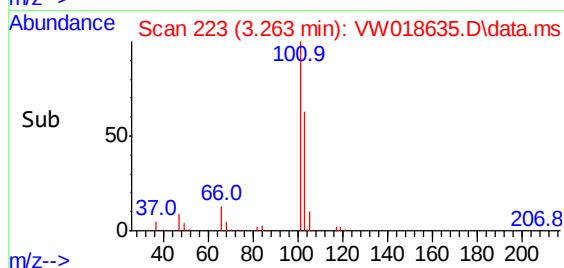
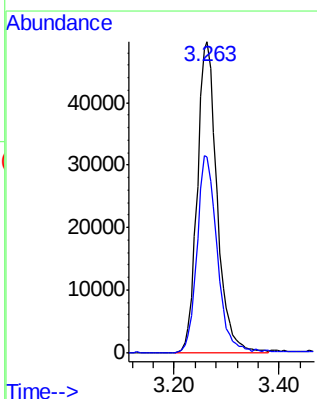
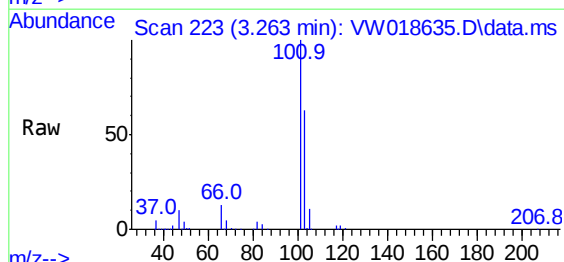
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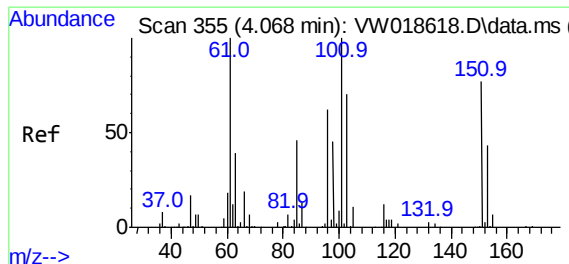
Tgt Ion: 64 Resp: 145630
Ion Ratio Lower Upper
64 100
66 32.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 29.45 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion:101 Resp: 129508
Ion Ratio Lower Upper
101 100
103 64.2 45.6 84.8

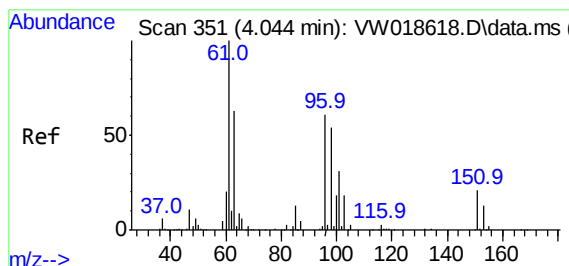
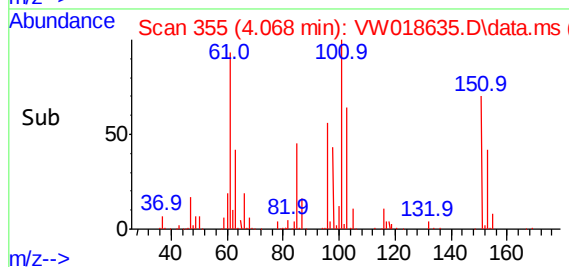
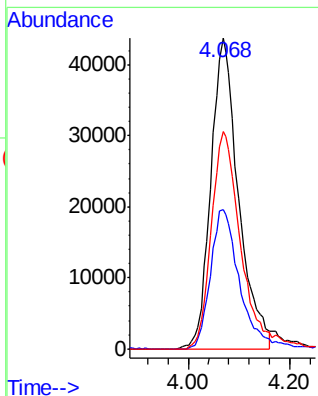
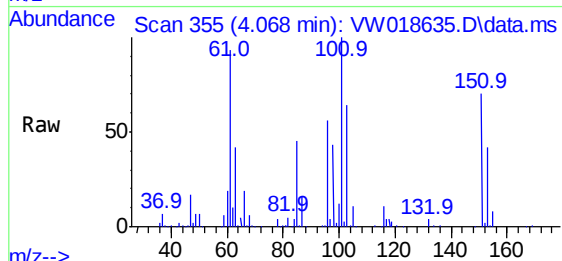




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.19 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018635.D
 Acq: 13 Apr 2021 11:31

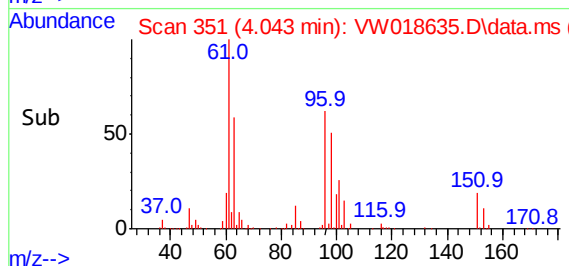
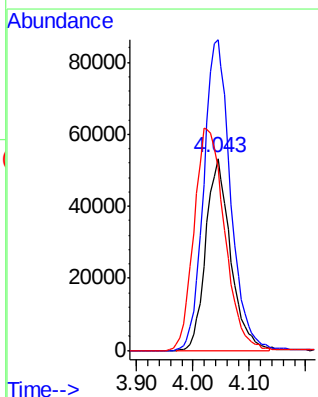
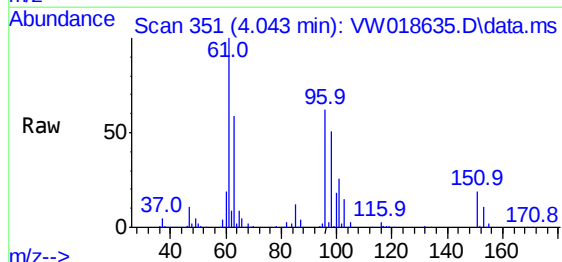
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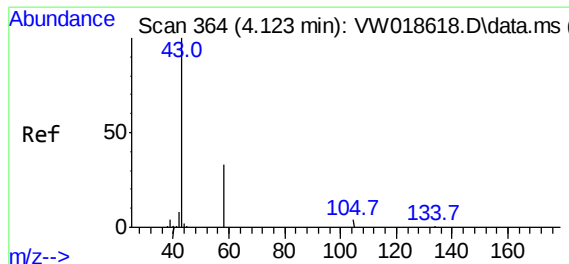
Tgt Ion:101 Resp: 165051
 Ion Ratio Lower Upper
 101 100
 85 47.4 35.6 53.4
 151 72.5 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 27.99 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW018635.D
 Acq: 13 Apr 2021 11:31

Tgt Ion: 96 Resp: 161534
 Ion Ratio Lower Upper
 96 100
 61 161.7 118.6 220.2
 63 95.5 82.4 153.0

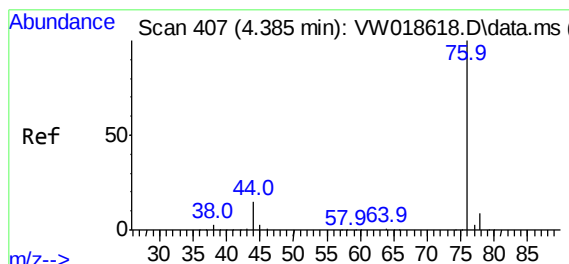
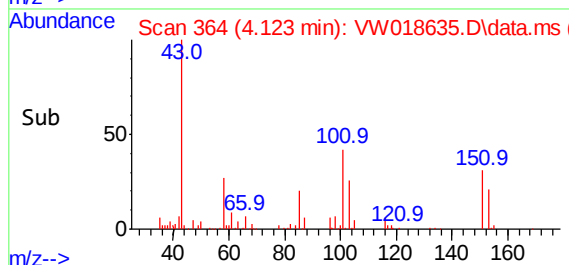
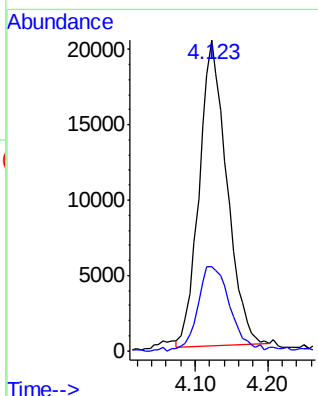
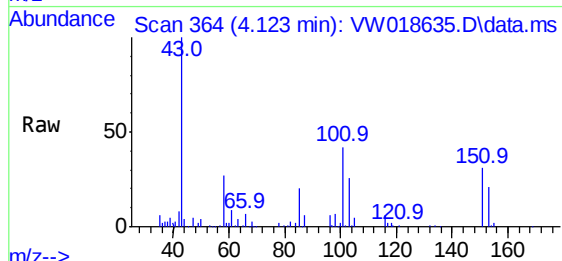




#13
Acetone
Concen: 52.35 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

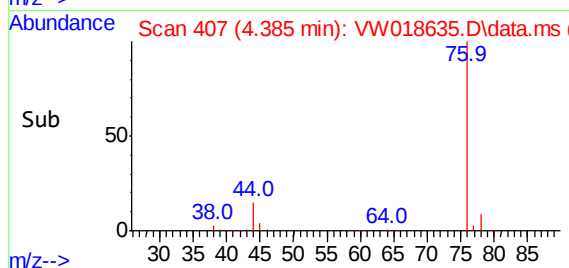
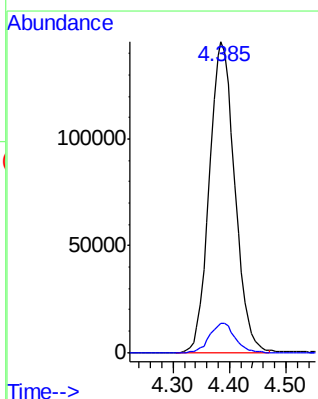
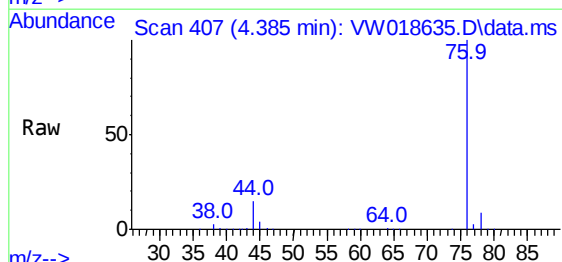
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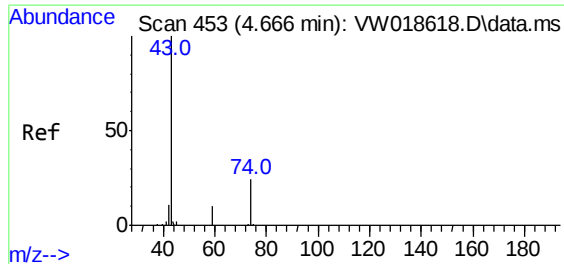
Tgt Ion: 43 Resp: 53564
Ion Ratio Lower Upper
43 100
58 32.0 0.0 62.2



#14
Carbon disulfide
Concen: 26.09 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 453359
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

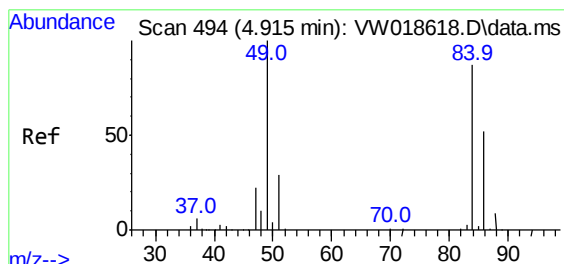
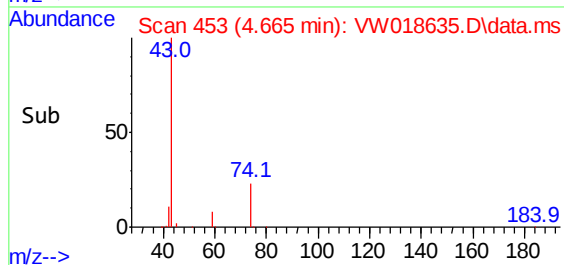
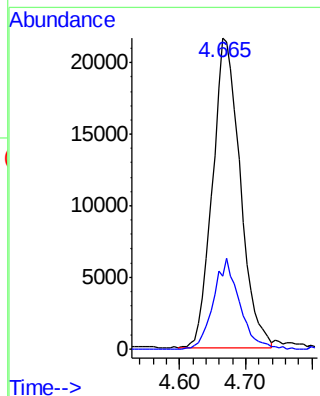
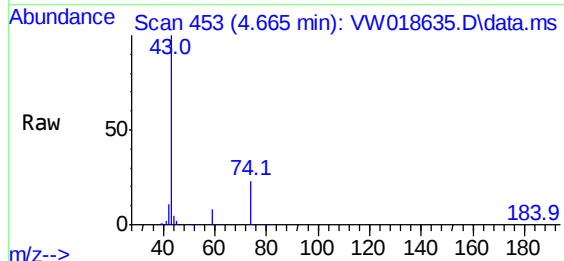




#15
Methyl Acetate
Concen: 26.87 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

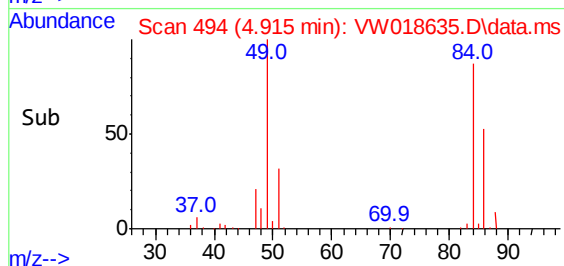
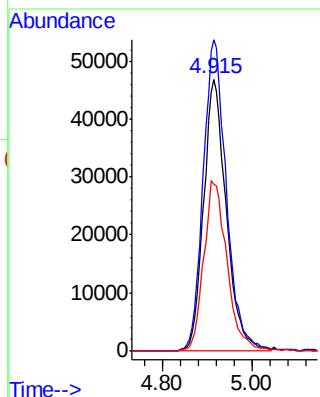
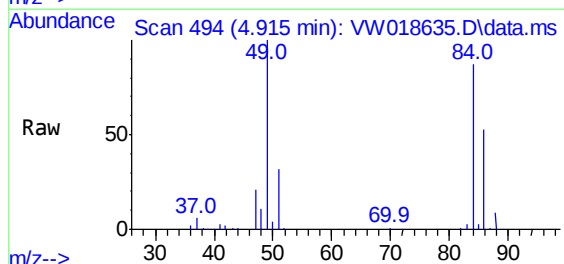
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

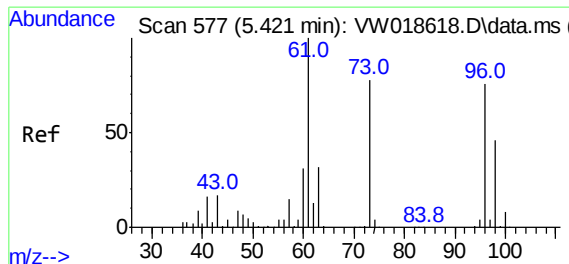
Tgt Ion: 43 Resp: 62873
Ion Ratio Lower Upper
43 100
74 27.3 22.9 34.3



#16
Methylene chloride
Concen: 21.73 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 84 Resp: 163846
Ion Ratio Lower Upper
84 100
49 114.4 74.4 138.2
86 61.2 46.1 85.7

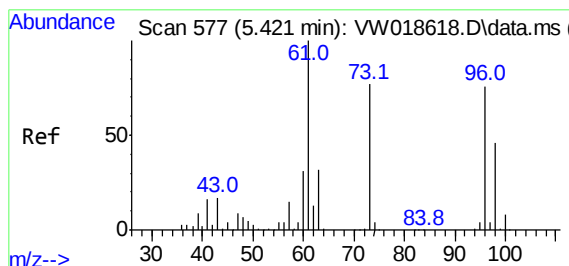
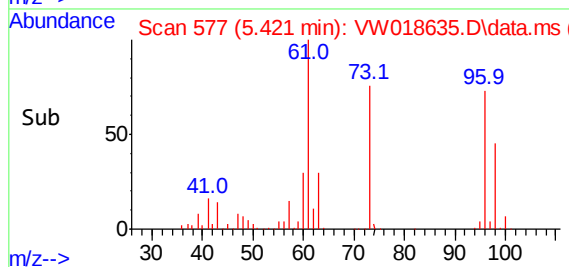
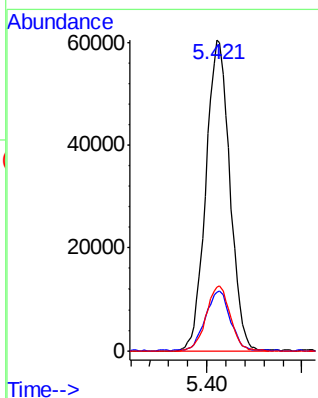
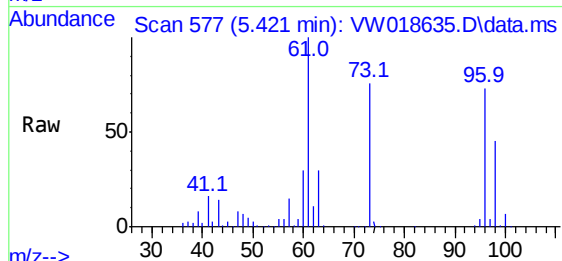




#17
Methyl tert-butyl Ether
Concen: 24.89 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

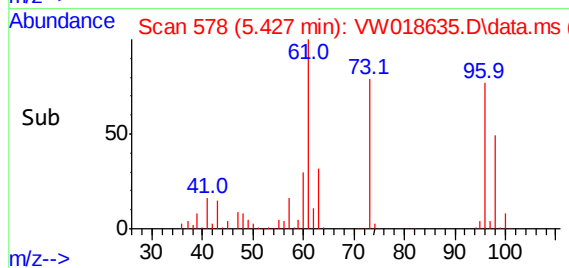
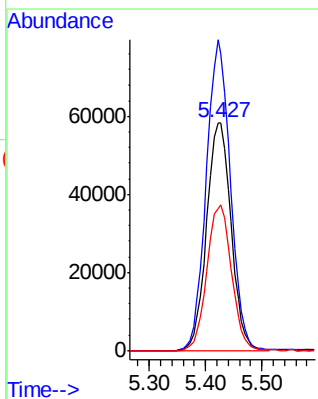
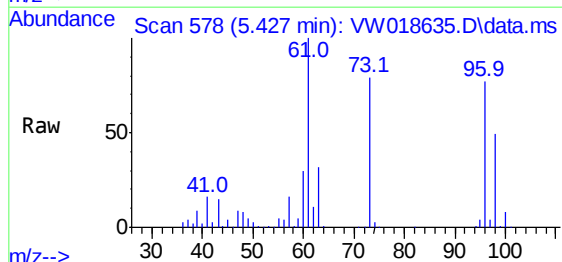
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

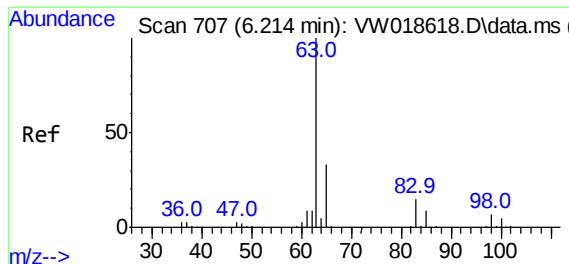
Tgt Ion: 73 Resp: 209812
Ion Ratio Lower Upper
73 100
43 19.9 16.6 24.8
57 20.9 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 27.38 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 96 Resp: 174398
Ion Ratio Lower Upper
96 100
61 130.3 93.3 173.3
98 63.7 45.2 84.0

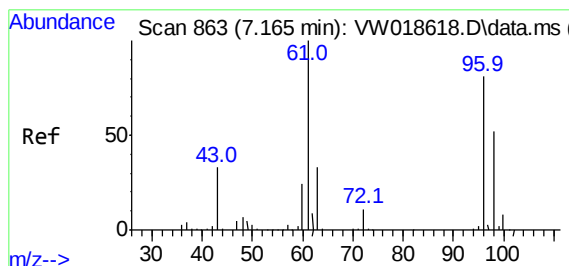
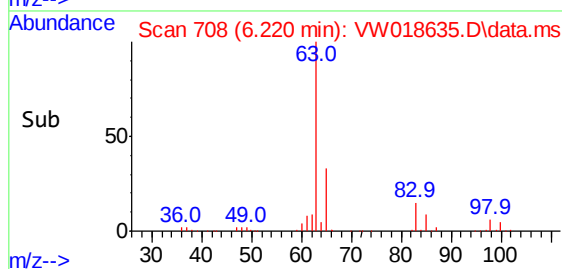
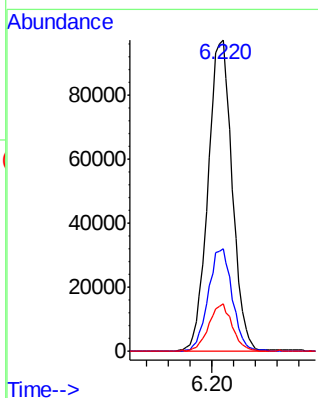
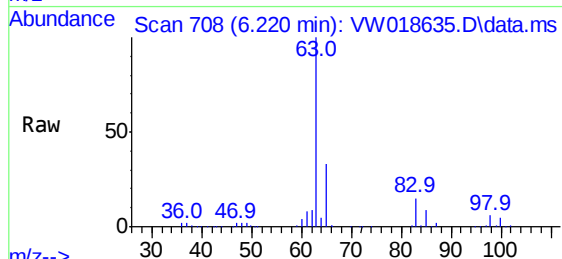




#19
1,1-Dichloroethane
Concen: 27.55 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

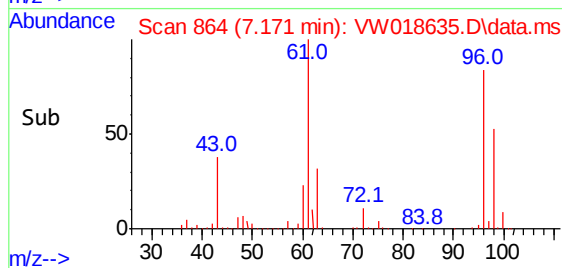
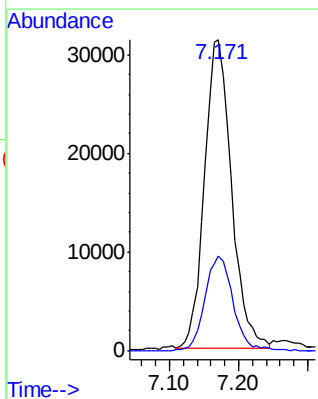
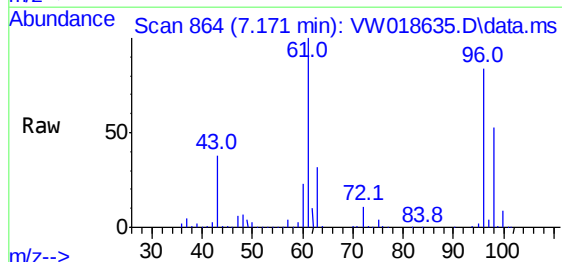
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

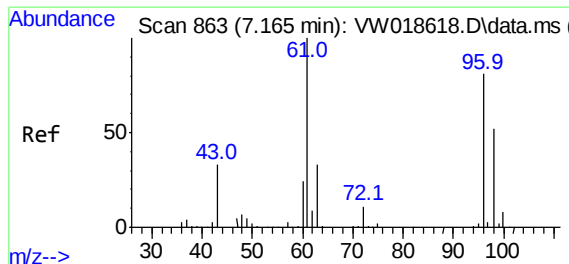
Tgt Ion: 63 Resp: 299521
Ion Ratio Lower Upper
63 100
65 32.8 23.5 43.7
83 15.2 10.3 19.1



#21
2-Butanone
Concen: 52.02 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 43 Resp: 84567
Ion Ratio Lower Upper
43 100
72 31.5 16.5 49.5



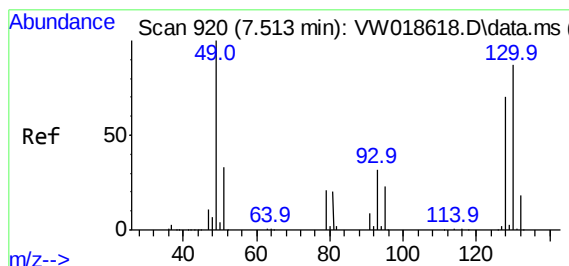
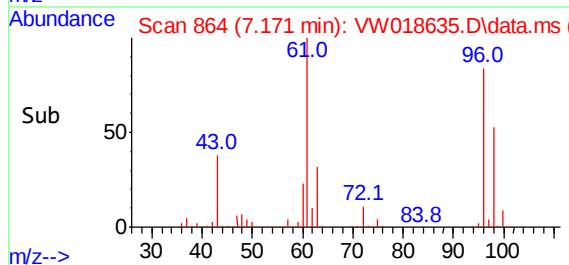
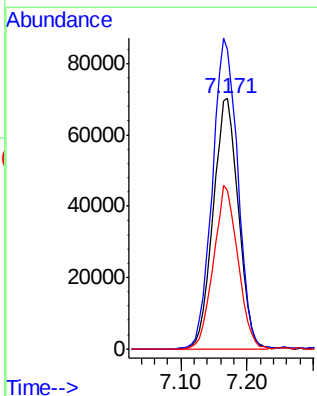
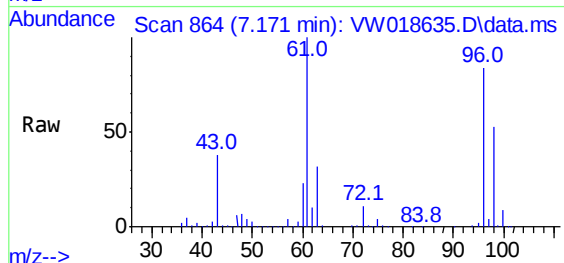


#22
 cis-1,2-Dichloroethene
 Concen: 27.56 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018635.D
 Acq: 13 Apr 2021 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Tgt Ion: 96 Resp: 184705

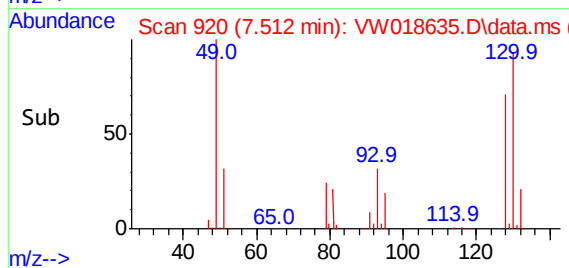
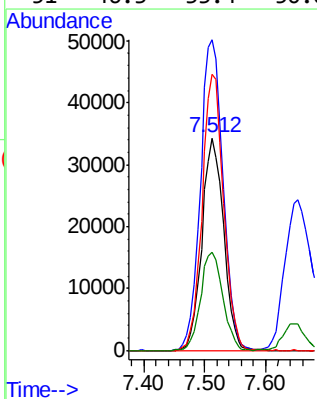
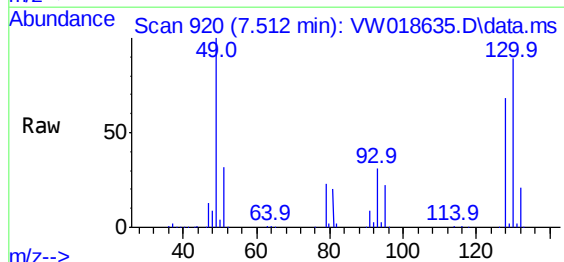
Ion	Ratio	Lower	Upper
96	100		
61	119.6	84.8	157.6
98	63.3	45.1	83.9

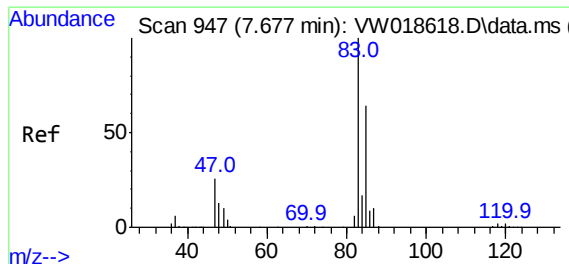


#23
 Bromochloromethane
 Concen: 28.46 ug/L
 RT: 7.512 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW018635.D
 Acq: 13 Apr 2021 11:31

Tgt Ion: 128 Resp: 84401

Ion	Ratio	Lower	Upper
128	100		
49	146.2	92.4	171.6
130	130.2	83.9	155.7
51	46.3	33.4	50.0

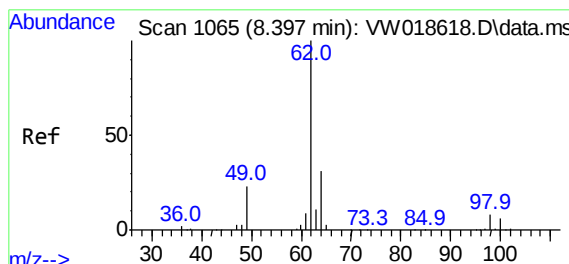
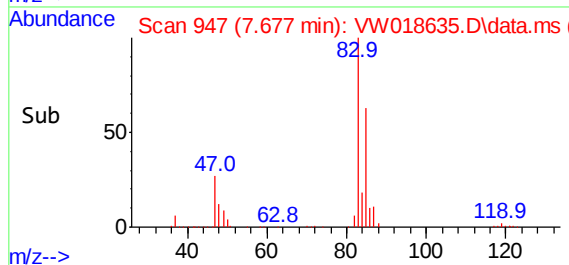
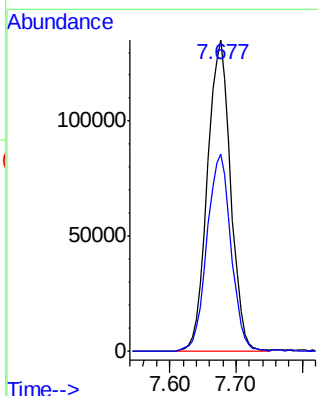
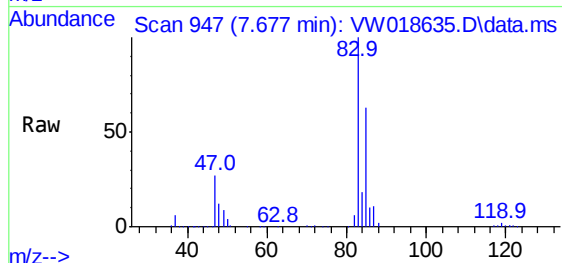




#25
Chloroform
Concen: 28.34 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

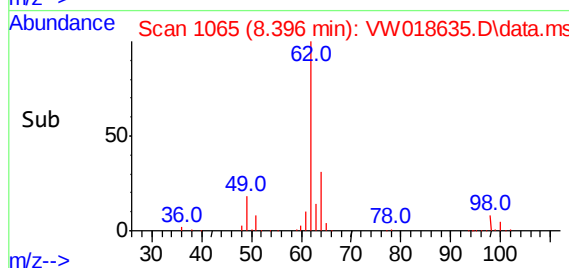
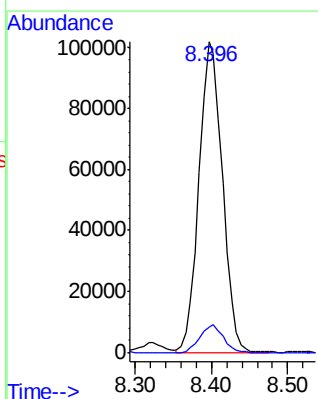
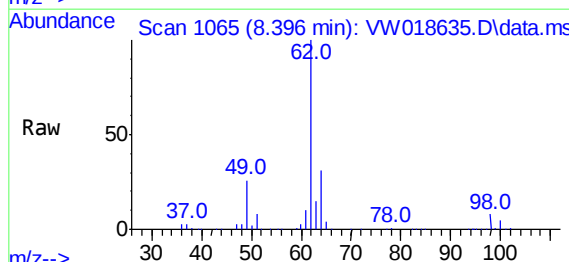
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

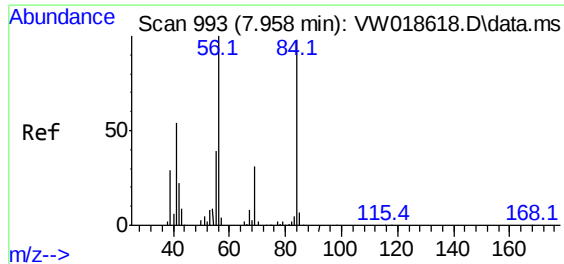
Tgt Ion: 83 Resp: 326895
Ion Ratio Lower Upper
83 100
85 65.5 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.47 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 62 Resp: 216648
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6

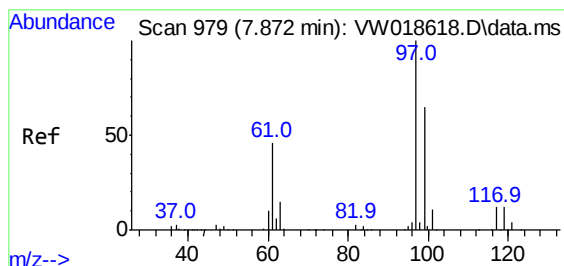
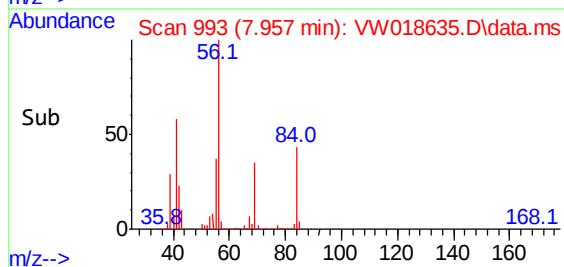
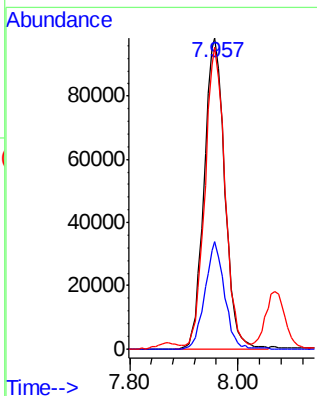
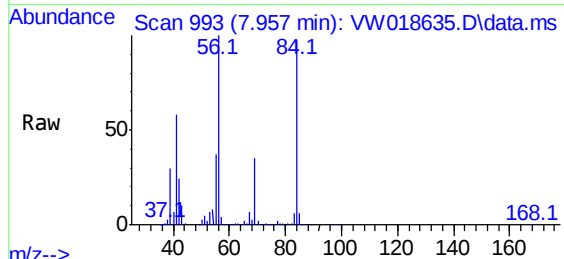




#30
Cyclohexane
Concen: 25.80 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

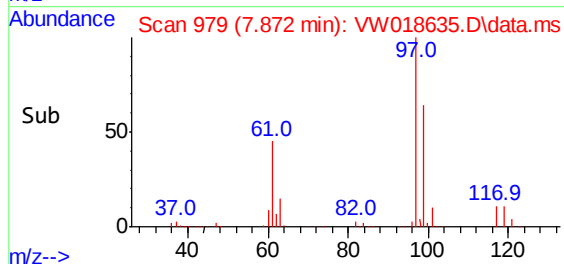
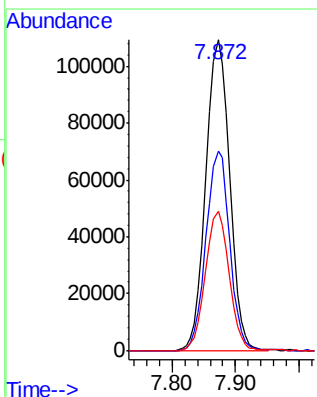
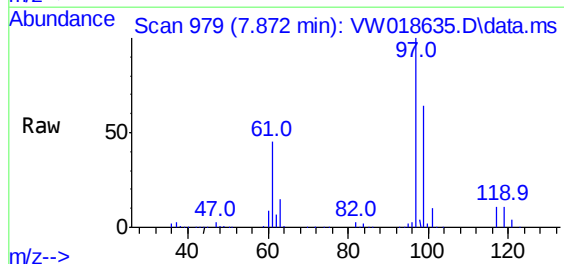
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

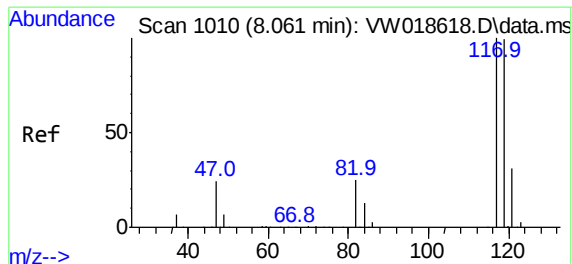
Tgt Ion: 56 Resp: 257664
Ion Ratio Lower Upper
56 100
69 32.2 27.0 40.6
84 95.0 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 29.29 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 97 Resp: 275386
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 44.4 34.8 52.2

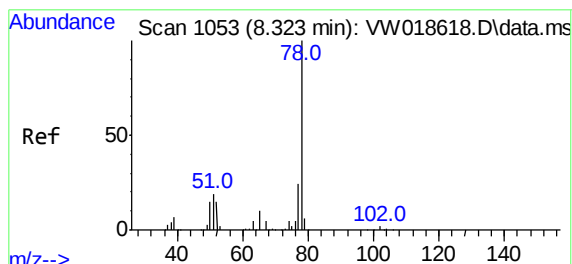
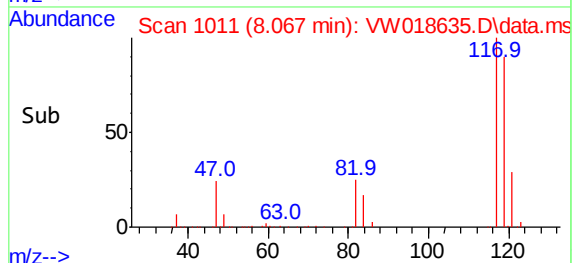
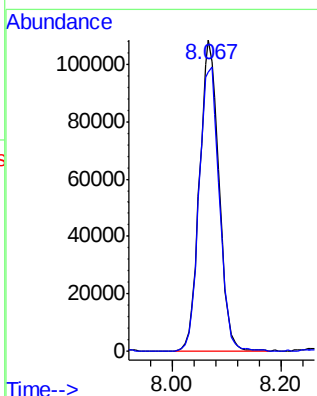
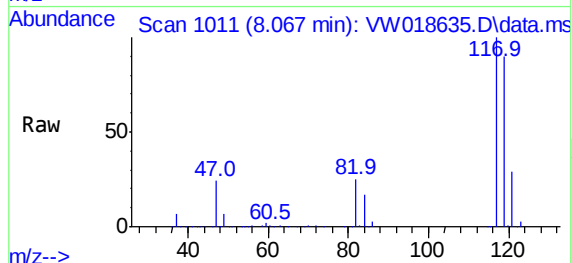




#32
Carbon tetrachloride
Concen: 30.38 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

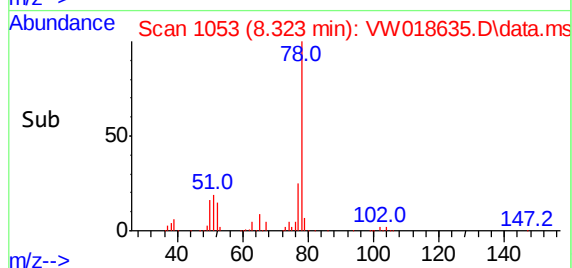
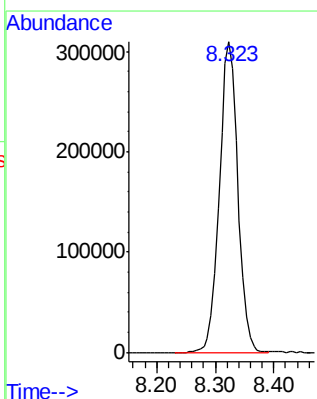
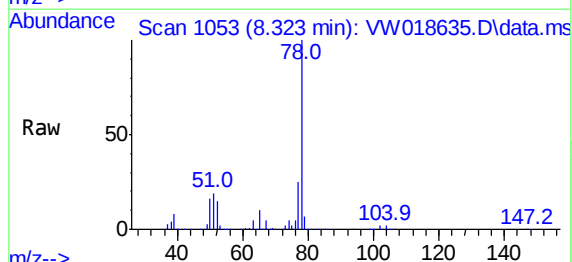
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

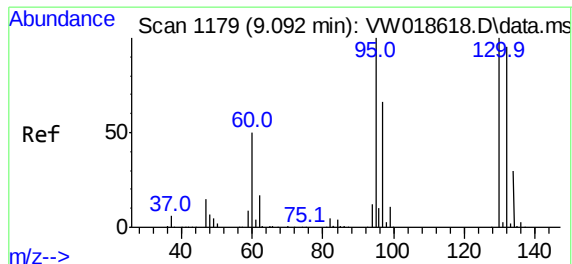
Tgt Ion:117 Resp: 266188
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1



#34
Benzene
Concen: 28.06 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 78 Resp: 683644

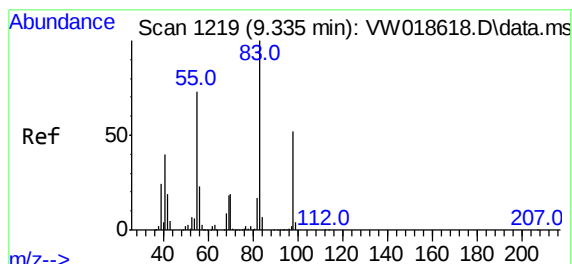
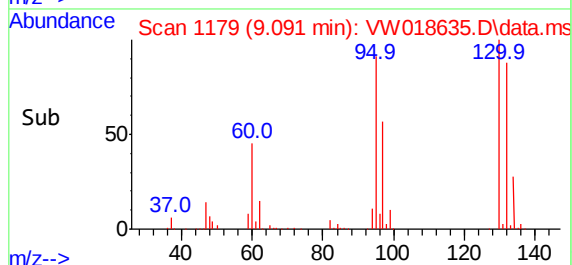
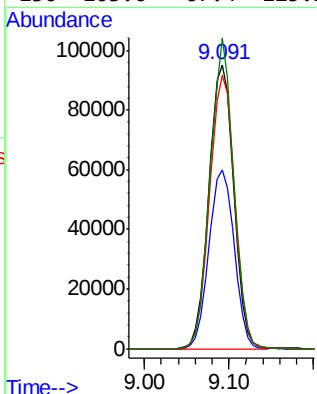
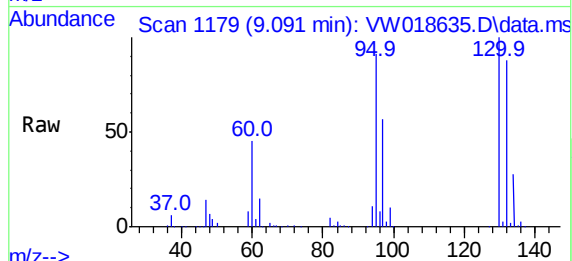




#35
Trichloroethene
Concen: 28.02 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

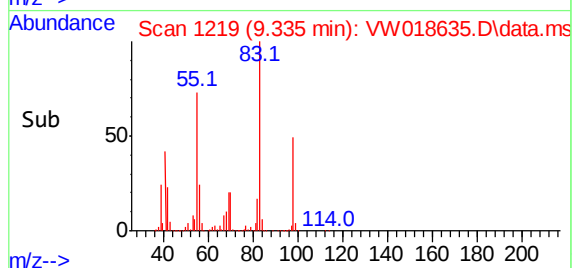
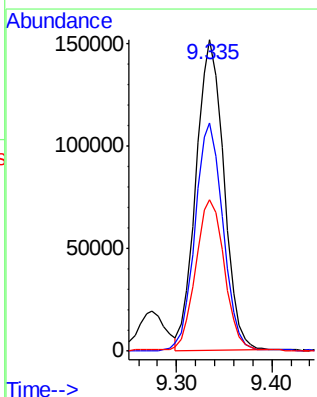
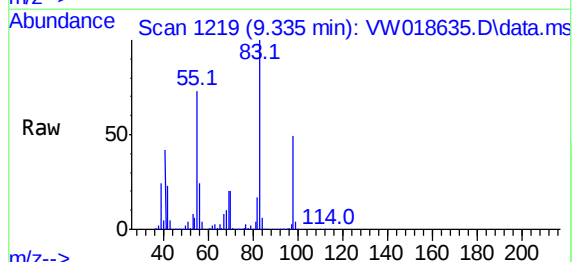
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

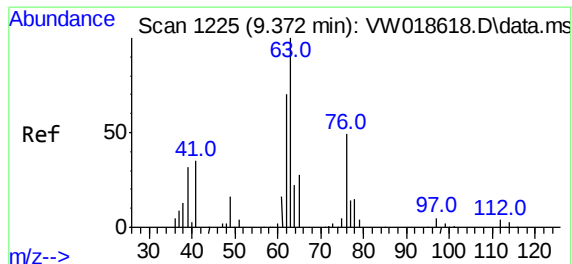
Tgt Ion: 95 Resp: 188626
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 97.3 65.9 122.5
130 103.6 67.4 125.2



#36
Methylcyclohexane
Concen: 25.75 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 83 Resp: 303532
Ion Ratio Lower Upper
83 100
55 73.5 56.8 85.2
98 50.4 40.6 61.0

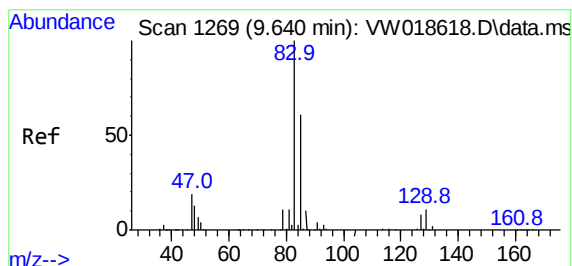
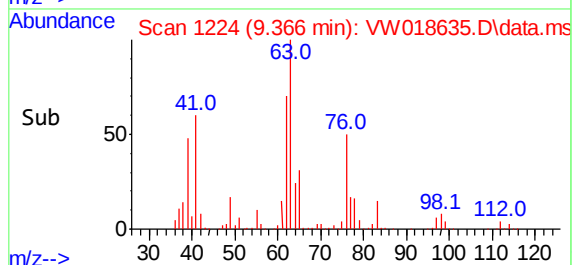
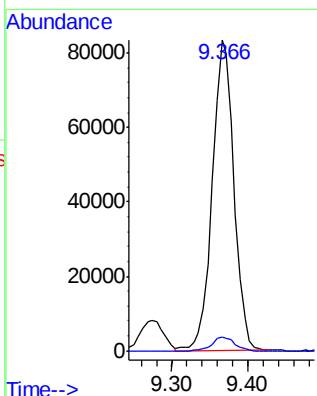
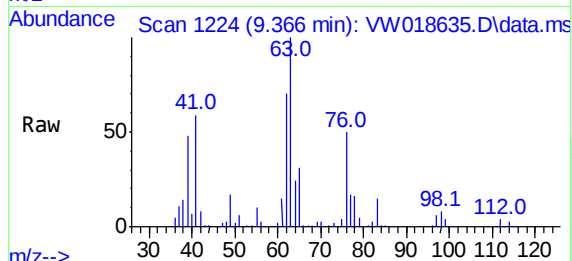




#40
1,2-Dichloropropane
Concen: 27.52 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

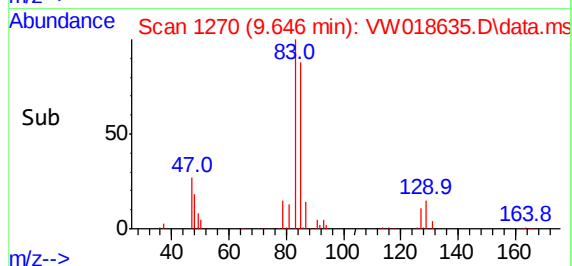
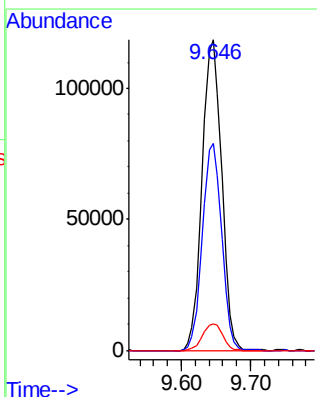
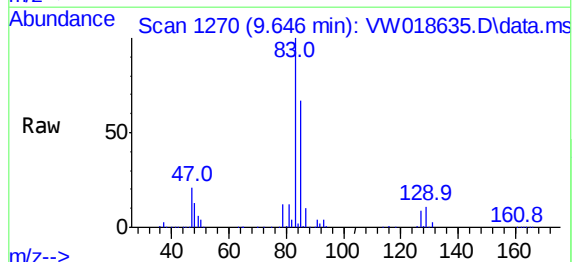
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

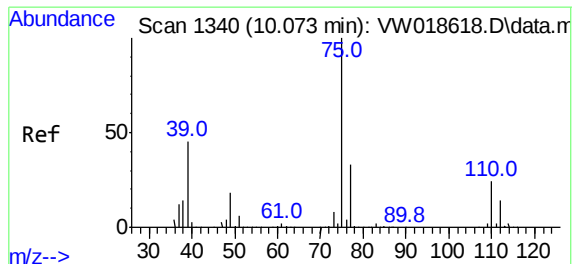
Tgt Ion: 63 Resp: 164024
Ion Ratio Lower Upper
63 100
112 4.6 4.2 6.4



#41
Bromodichloromethane
Concen: 27.38 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 83 Resp: 230697
Ion Ratio Lower Upper
83 100
85 66.5 43.8 81.4
127 8.5 6.9 10.3

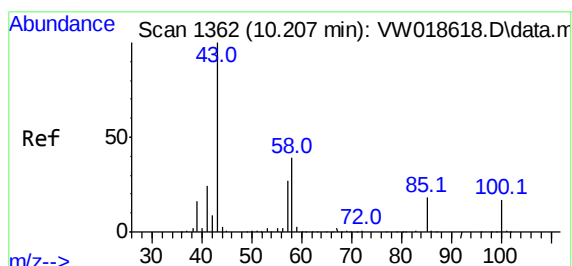
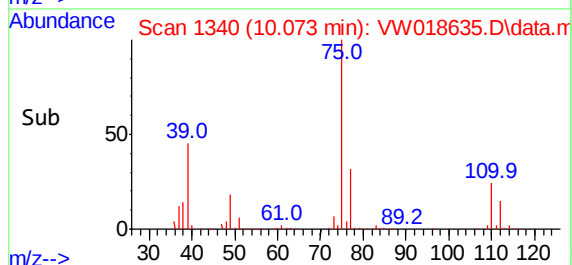
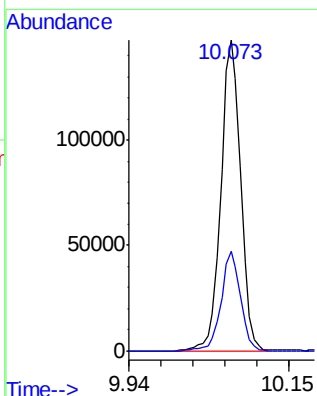
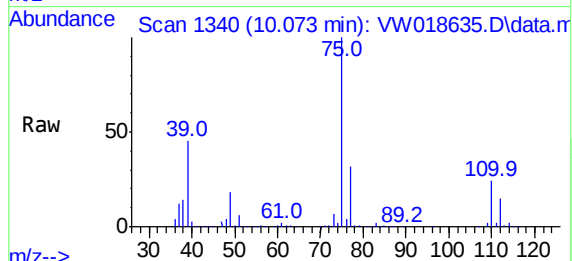




#42
cis-1,3-Dichloropropene
Concen: 26.43 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

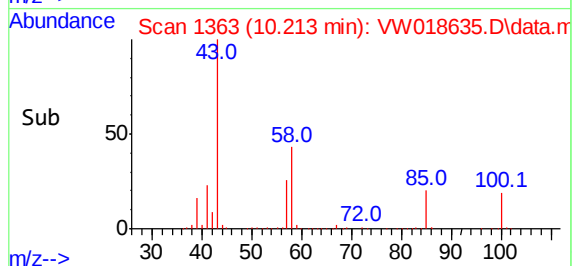
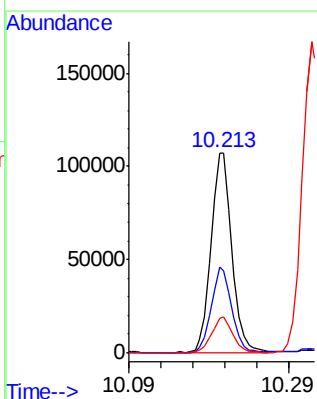
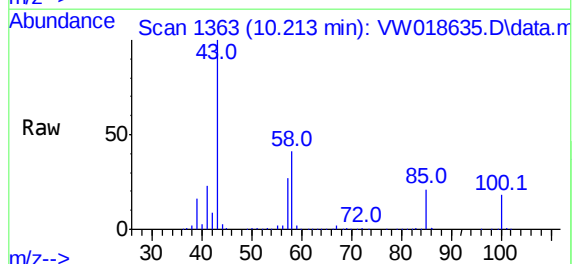
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

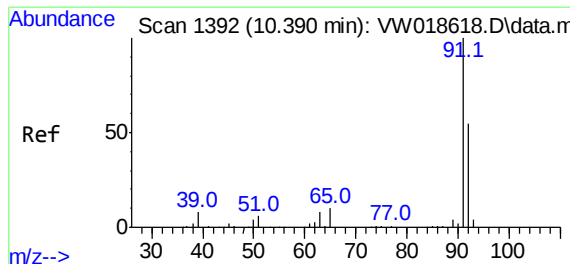
Tgt Ion: 75 Resp: 266365
Ion Ratio Lower Upper
75 100
77 32.2 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 53.87 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 43 Resp: 193093
Ion Ratio Lower Upper
43 100
58 41.8 34.8 52.2
100 17.7 15.9 23.9

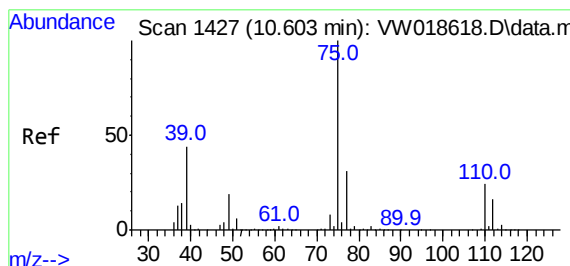
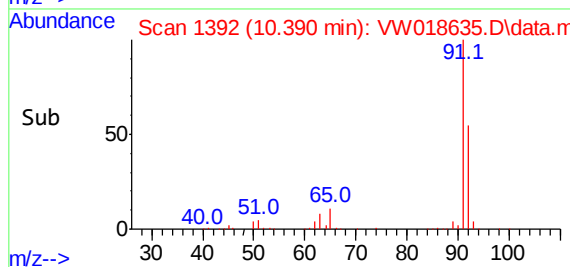
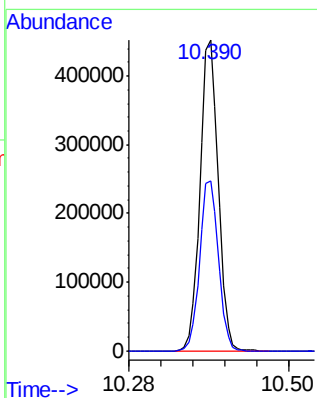
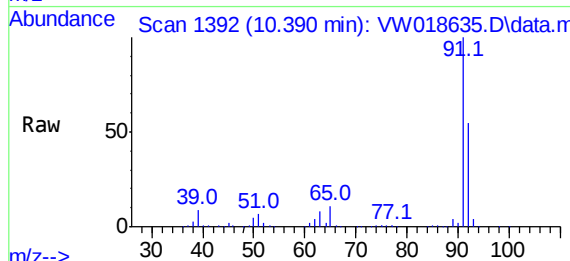




#44
Toluene
Concen: 28.47 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

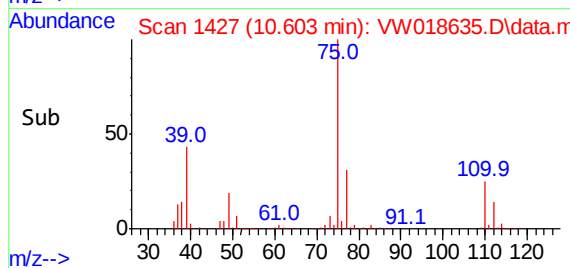
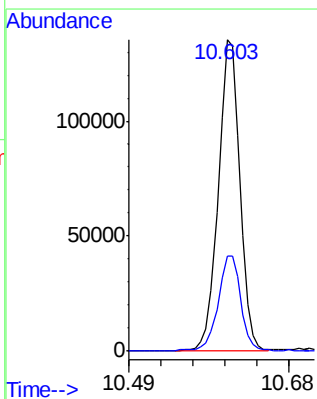
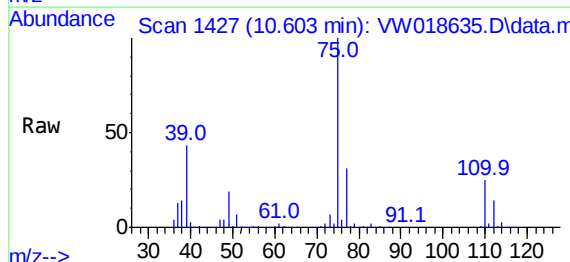
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

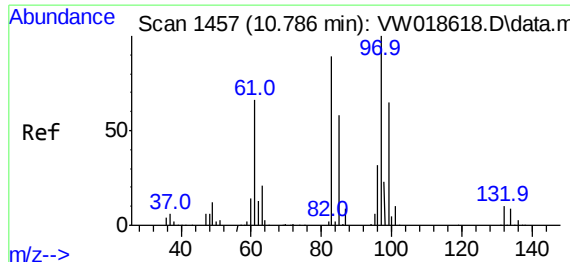
Tgt Ion: 91 Resp: 788520
Ion Ratio Lower Upper
91 100
92 54.7 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 26.07 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 75 Resp: 235973
Ion Ratio Lower Upper
75 100
77 30.5 22.6 42.0



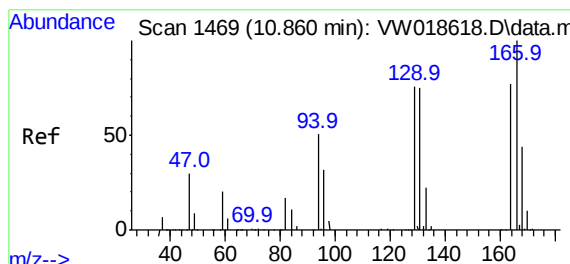
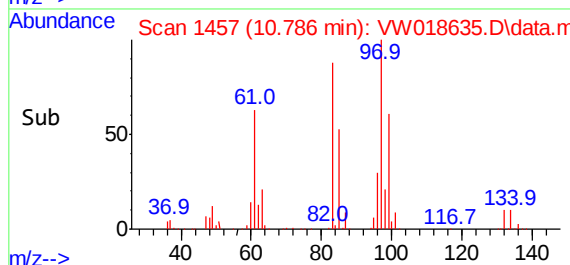
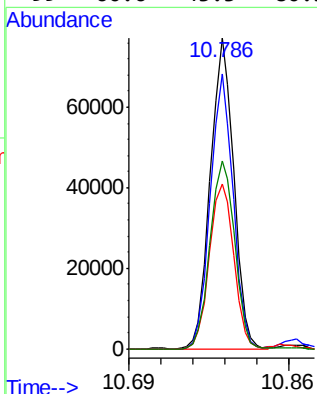
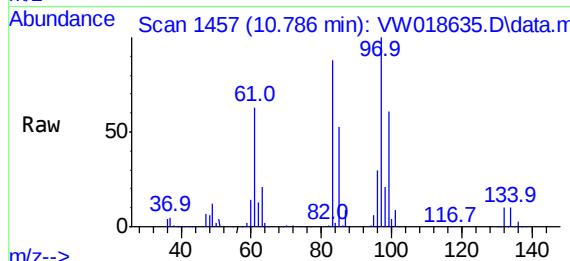


#46
1,1,2-Trichloroethane
Concen: 27.34 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 97 Resp: 129939

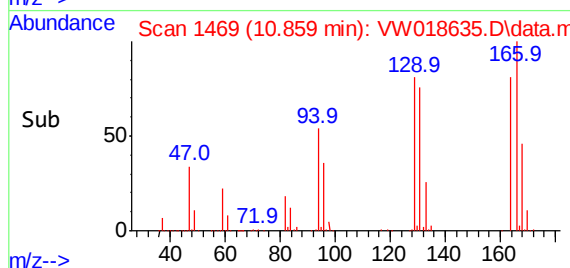
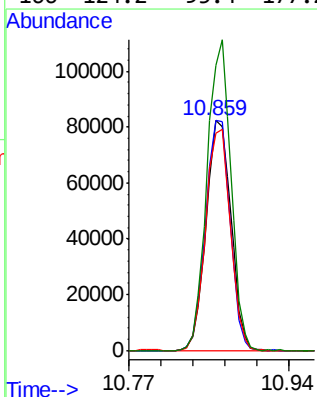
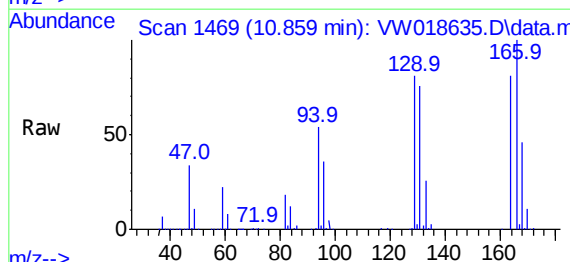
Ion	Ratio	Lower	Upper
97	100		
83	88.3	58.9	109.5
85	52.9	38.4	71.4
99	60.6	43.3	80.3

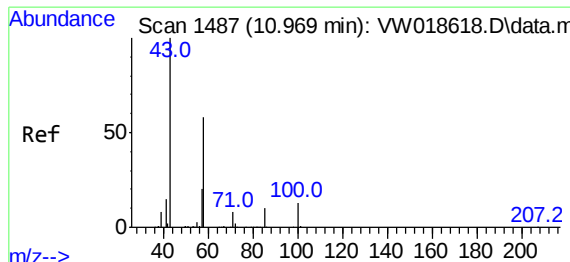


#47
Tetrachloroethene
Concen: 28.84 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 164 Resp: 147435

Ion	Ratio	Lower	Upper
164	100		
129	100.4	68.8	127.8
131	94.8	68.3	126.8
166	124.2	95.4	177.2



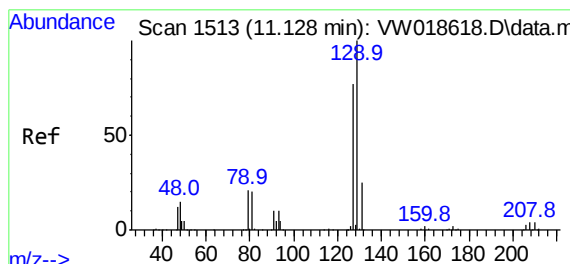
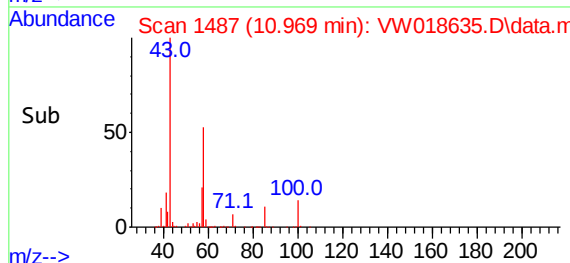
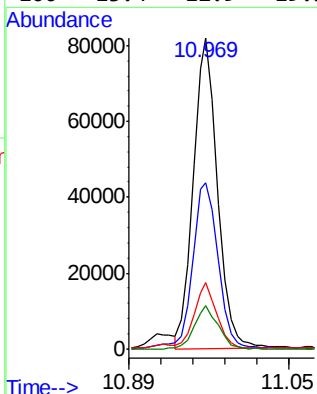
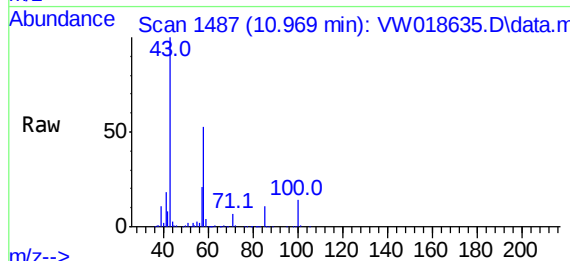


#49
2-Hexanone
Concen: 53.69 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion: 43 Resp: 136183

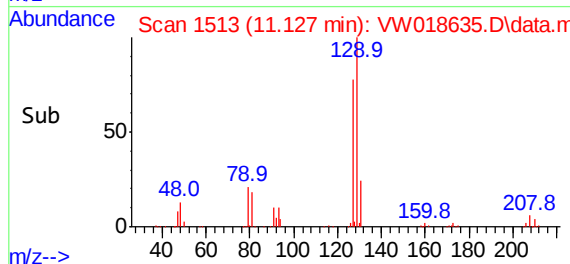
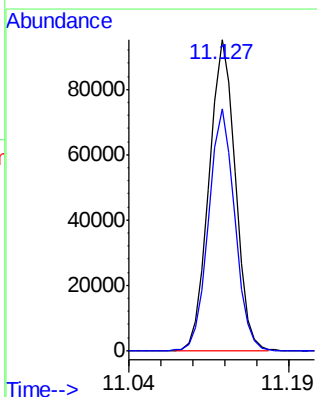
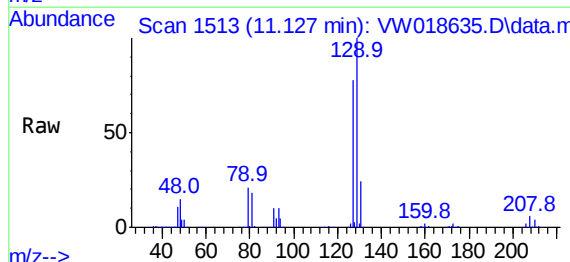
Ion	Ratio	Lower	Upper
43	100		
58	56.5	47.3	70.9
57	20.3	17.3	25.9
100	13.4	12.9	19.3

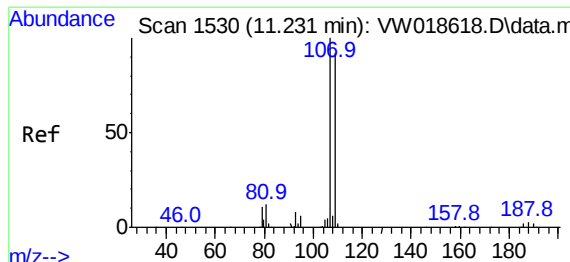


#50
Dibromochloromethane
Concen: 28.36 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 129 Resp: 158904

Ion	Ratio	Lower	Upper
129	100		
127	77.9	58.0	107.6

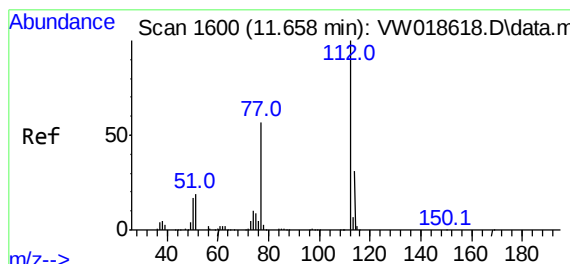
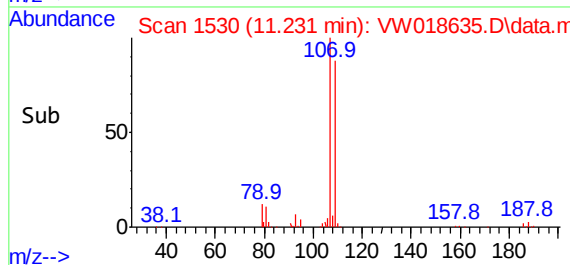
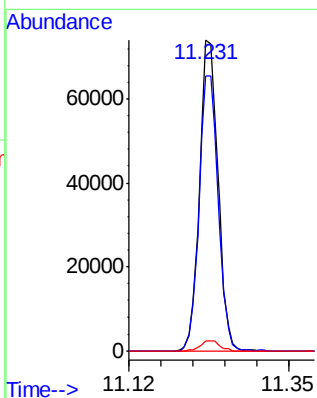
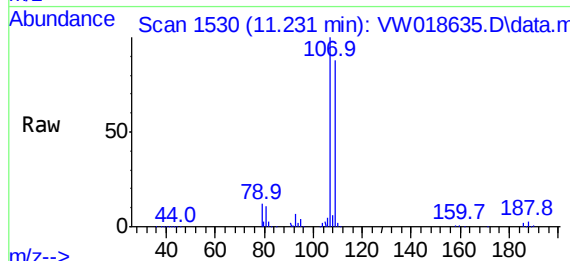




#51
1,2-Dibromoethane
Concen: 27.98 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

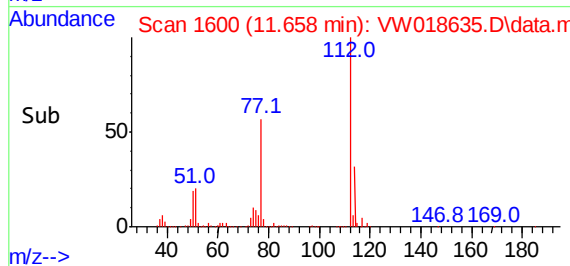
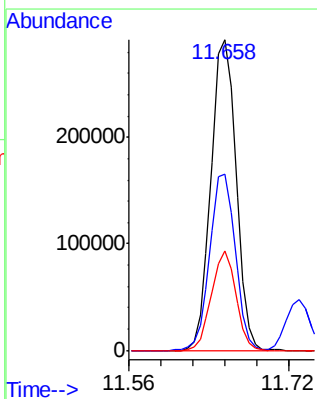
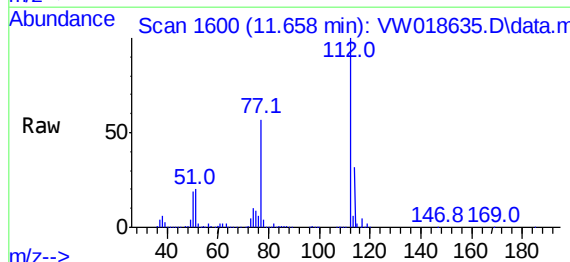
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

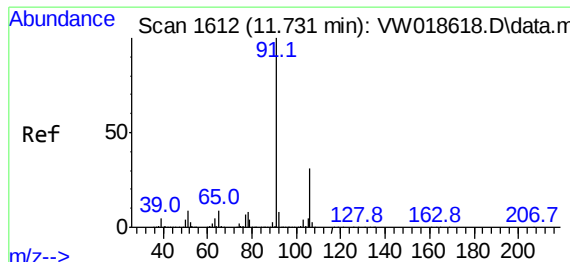
Tgt Ion:107 Resp: 131681
Ion Ratio Lower Upper
107 100
109 88.4 65.9 122.5
188 3.2 3.0 4.4



#52
Chlorobenzene
Concen: 28.44 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion:112 Resp: 499613
Ion Ratio Lower Upper
112 100
77 56.9 45.4 68.2
114 32.2 22.5 41.9

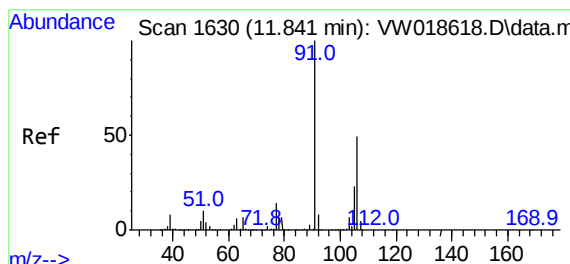
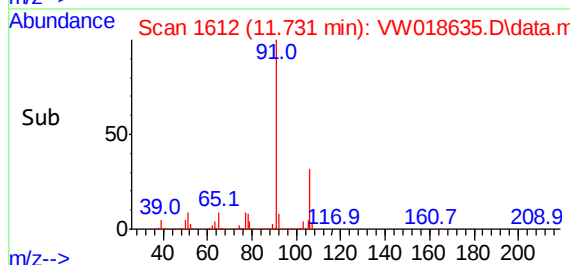
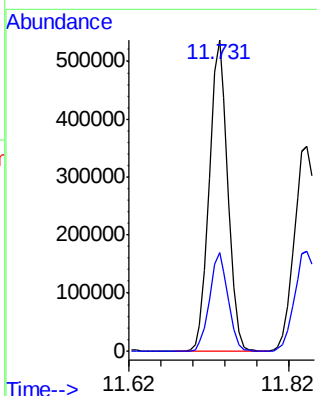
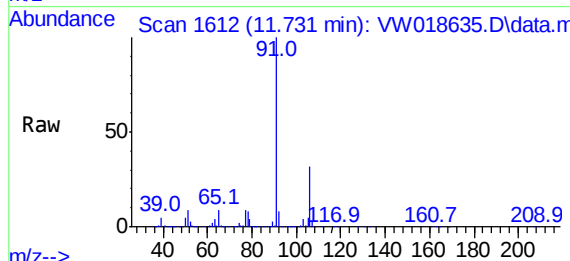




#53
Ethylbenzene
Concen: 27.59 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

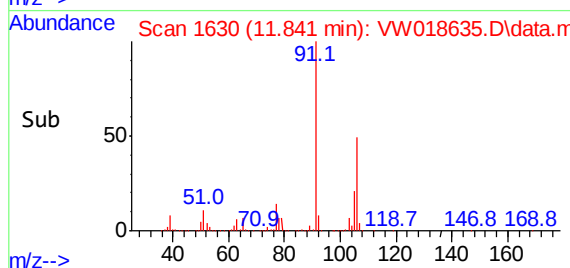
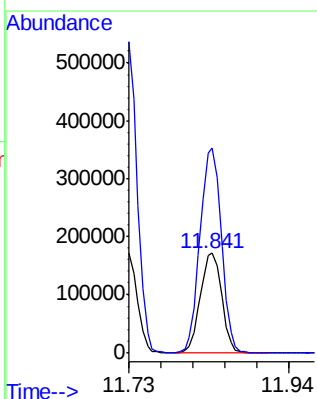
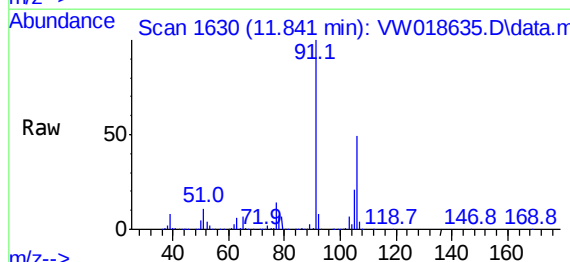
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

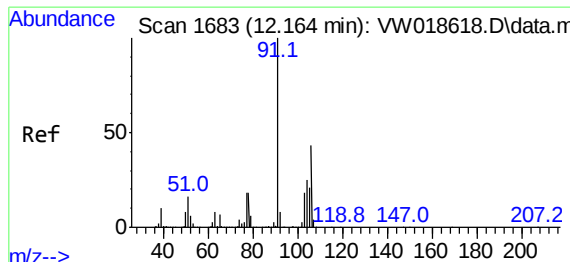
Tgt Ion: 91 Resp: 861526
Ion Ratio Lower Upper
91 100
106 31.8 21.7 40.3



#54
m,p-Xylene
Concen: 27.58 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 106 Resp: 329129
Ion Ratio Lower Upper
106 100
91 206.0 145.3 269.8

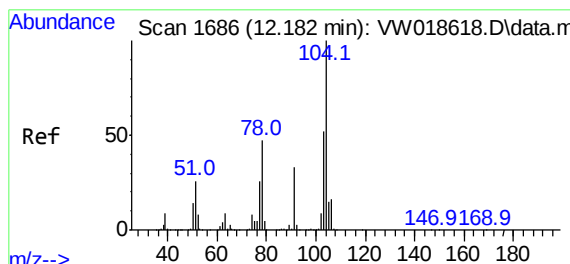
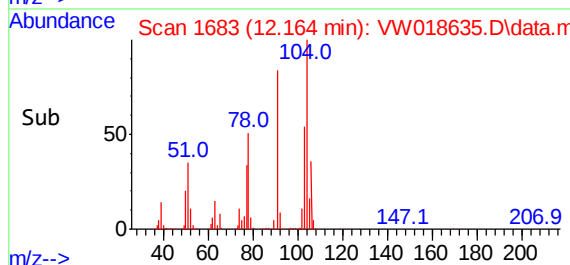
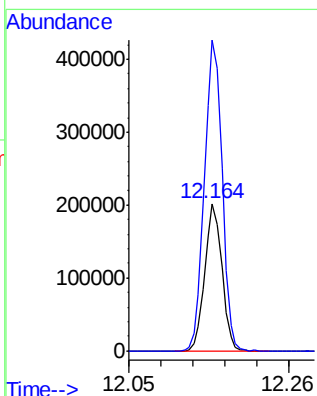
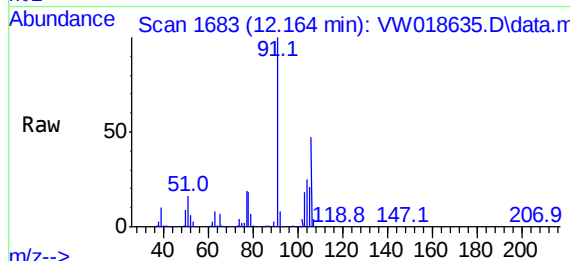




#55
o-xylene
Concen: 27.44 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

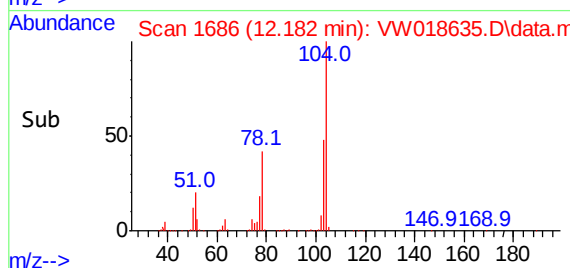
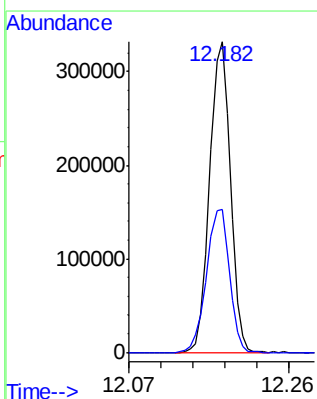
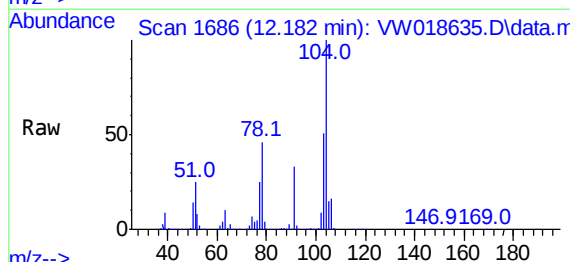
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

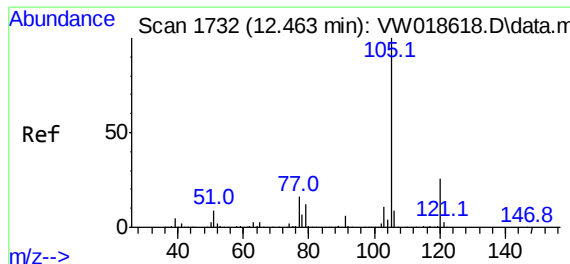
Tgt Ion:106 Resp: 312174
Ion Ratio Lower Upper
106 100
91 210.6 154.3 286.5



#56
Styrene
Concen: 28.21 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion:104 Resp: 547246
Ion Ratio Lower Upper
104 100
78 45.9 34.7 64.5

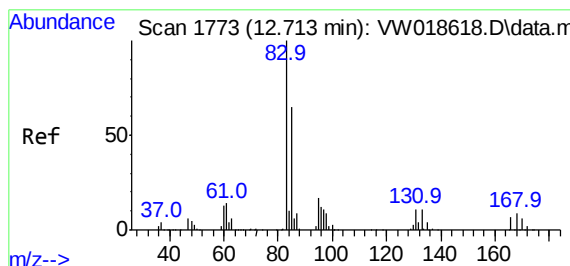
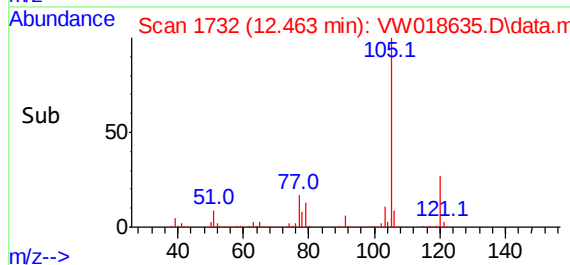
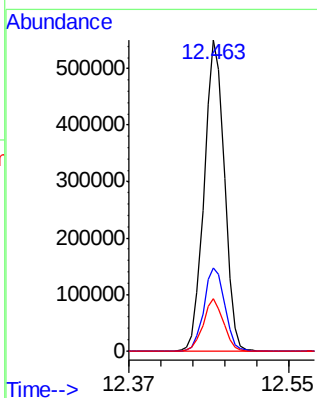
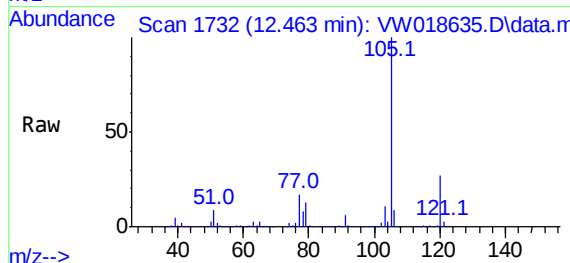




#57
Isopropylbenzene
Concen: 27.87 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

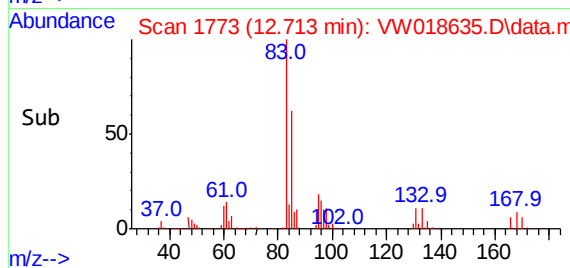
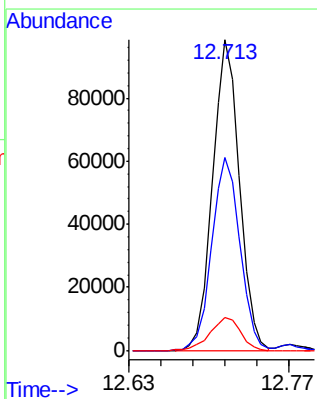
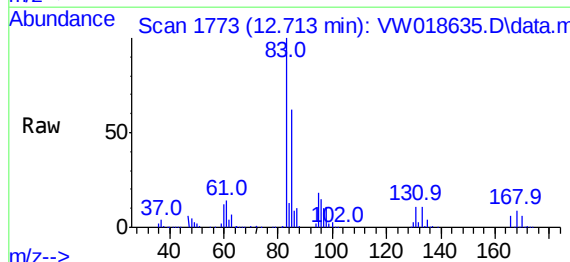
Instrument :
MSVOA_W
ClientSampled :
VSTD02516

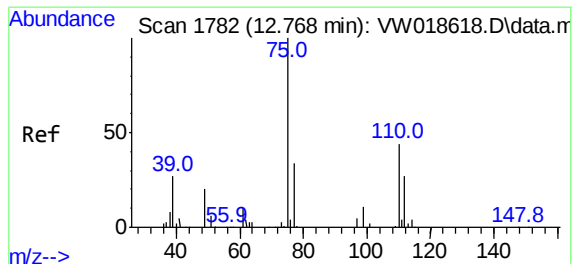
Tgt Ion:105 Resp: 862396
Ion Ratio Lower Upper
105 100
120 27.3 20.9 31.3
77 16.4 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 27.40 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 83 Resp: 157630
Ion Ratio Lower Upper
83 100
85 62.0 49.0 91.0
131 10.5 8.7 13.1

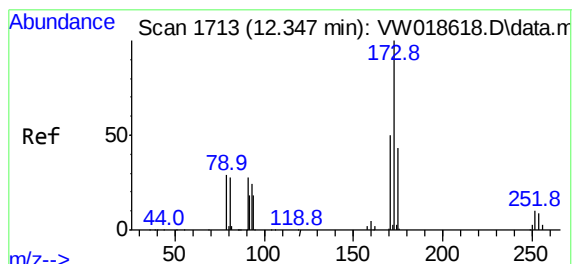
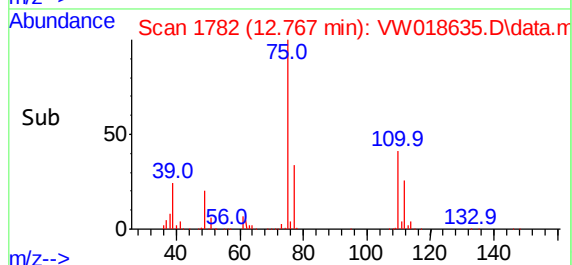
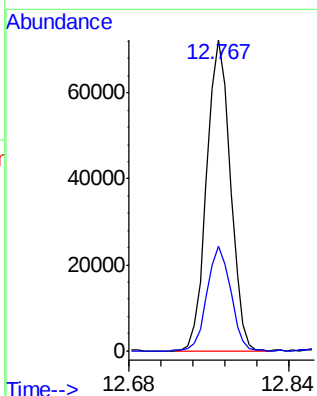
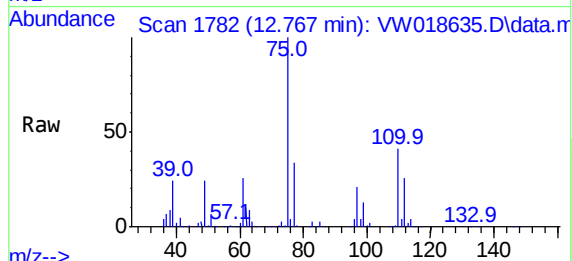




#59
1,2,3-Trichloropropane
Concen: 26.88 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

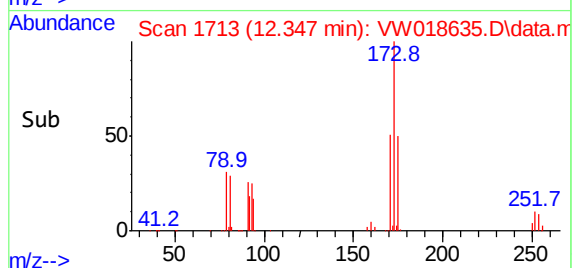
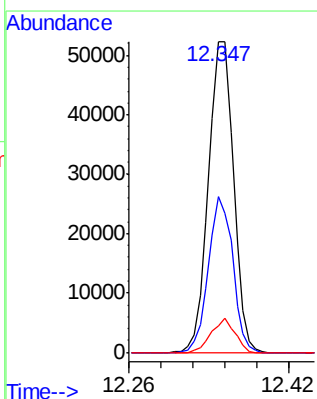
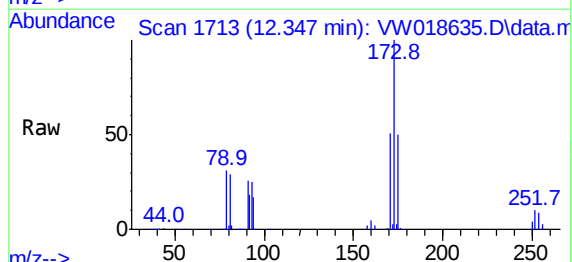
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

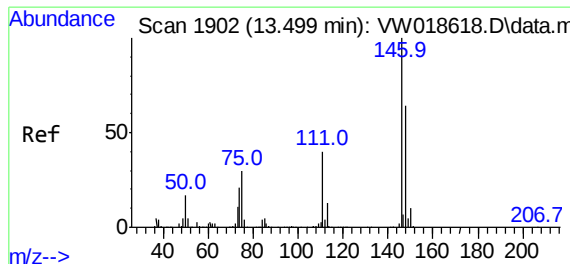
Tgt Ion: 75 Resp: 116718
Ion Ratio Lower Upper
75 100
77 33.2 25.6 38.4



#62
Bromoform
Concen: 25.80 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 173 Resp: 89350
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.2
254 10.3 6.0 9.0#

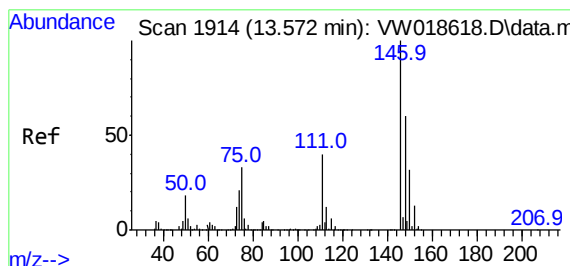
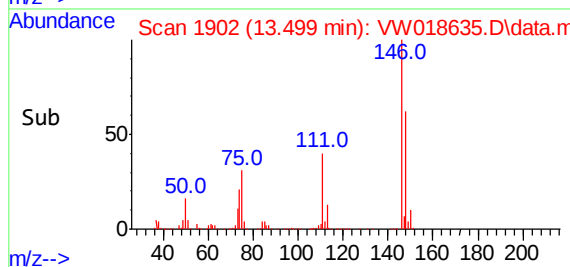
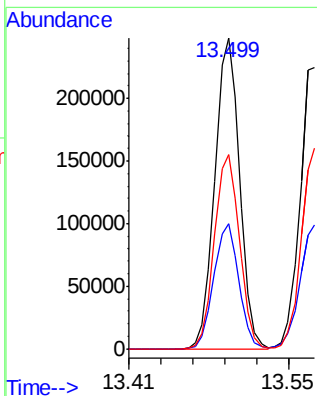
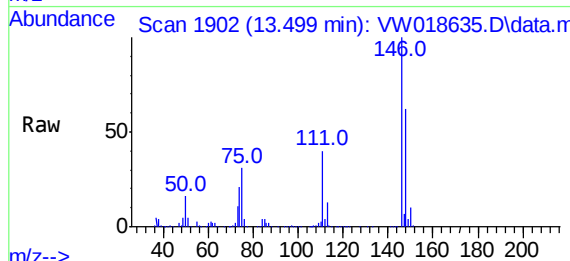




#63
1,3-Dichlorobenzene
Concen: 27.13 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

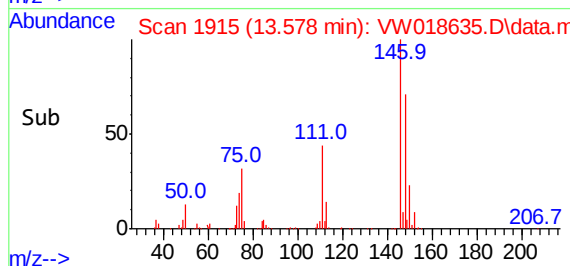
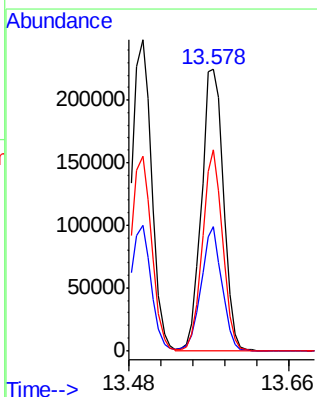
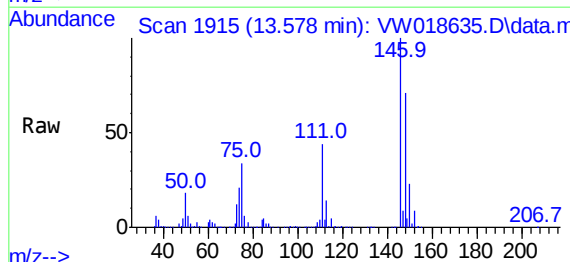
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

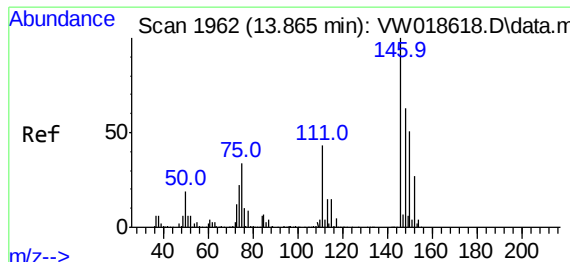
Tgt Ion:146 Resp: 392148
Ion Ratio Lower Upper
146 100
111 40.2 27.5 51.1
148 62.4 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 26.25 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion:146 Resp: 382860
Ion Ratio Lower Upper
146 100
111 43.9 28.3 52.5
148 71.3 47.3 87.9

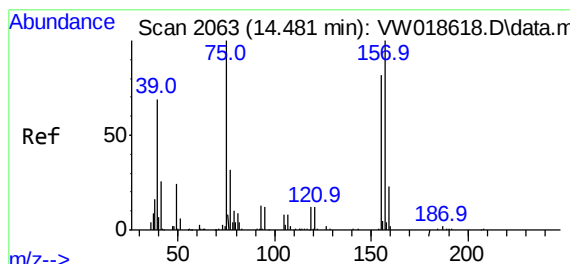
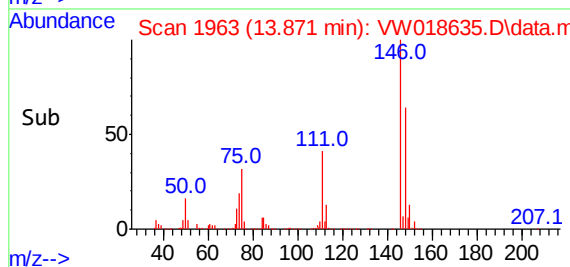
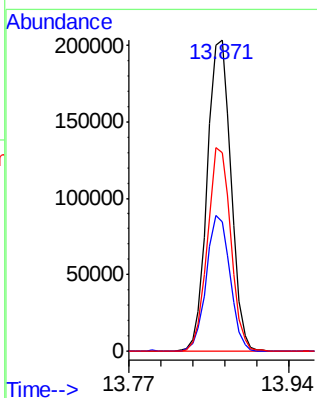
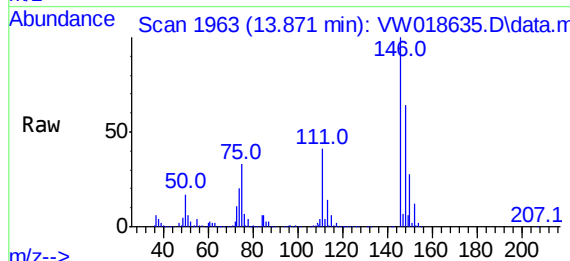




#65
1,2-Dichlorobenzene
Concen: 26.74 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

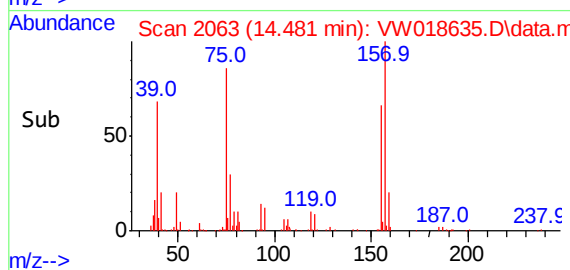
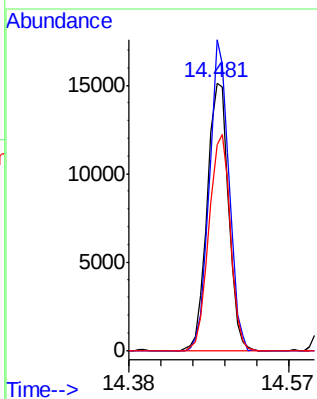
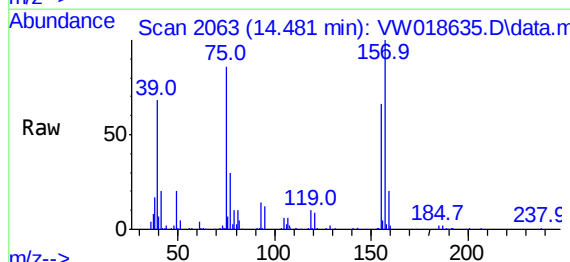
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

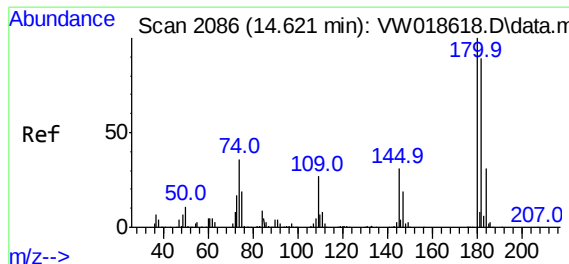
Tgt Ion:146 Resp: 345418
Ion Ratio Lower Upper
146 100
111 41.4 36.0 54.0
148 63.7 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 21.81 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion: 75 Resp: 25469
Ion Ratio Lower Upper
75 100
157 116.1 65.2 97.8#
155 77.0 60.1 90.1

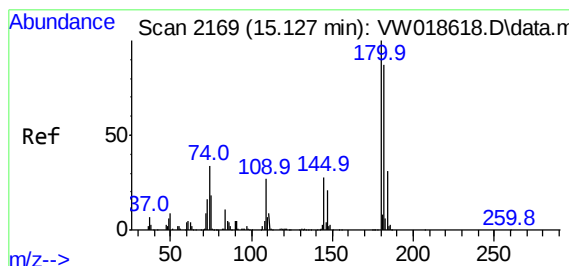
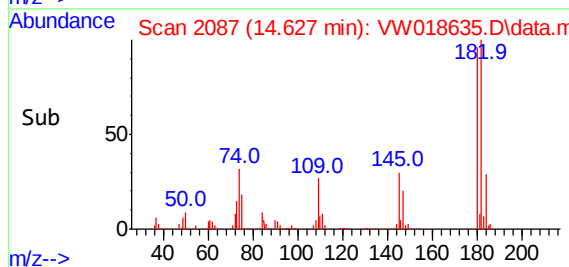
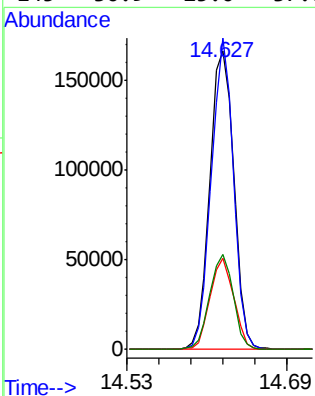
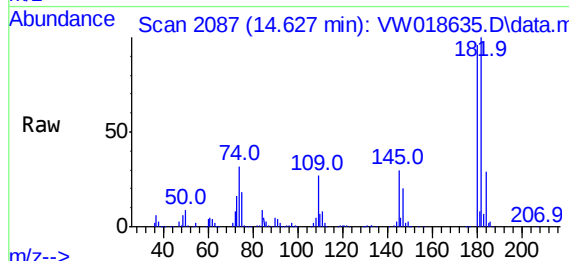




#67
1,3,5-Trichlorobenzene
Concen: 25.93 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

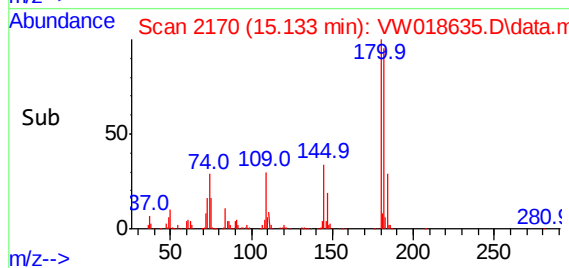
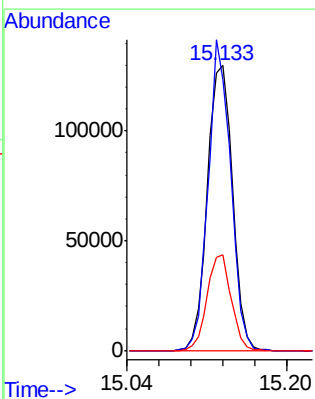
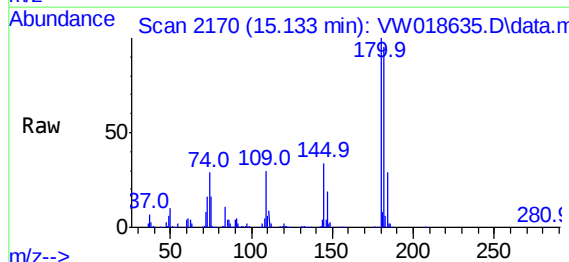
Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

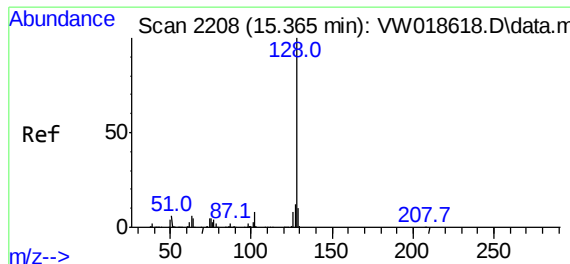
Tgt Ion:180 Resp: 270299
Ion Ratio Lower Upper
180 100
182 95.7 71.8 107.8
184 30.1 23.5 35.3
145 30.9 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 24.91 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion:180 Resp: 220968
Ion Ratio Lower Upper
180 100
182 97.3 70.2 105.4
145 32.3 24.9 37.3

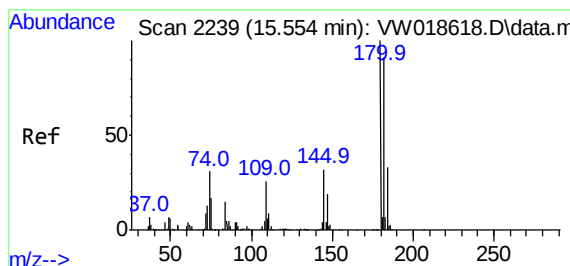
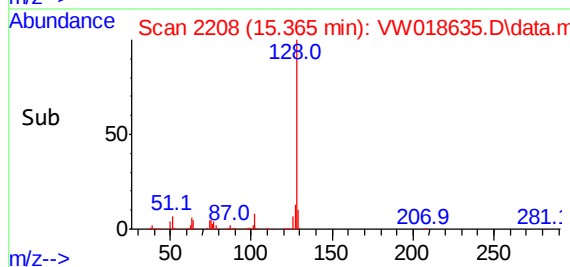
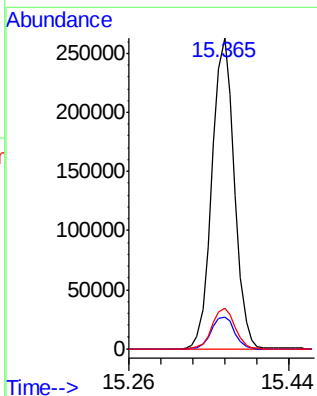
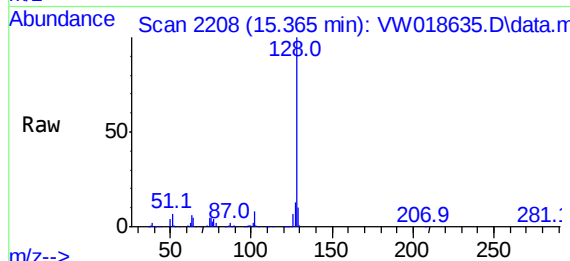




#69
Naphthalene
Concen: 24.70 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD02516

Tgt Ion:128 Resp: 456229
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.4 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.47 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018635.D
Acq: 13 Apr 2021 11:31

Tgt Ion:180 Resp: 197118
Ion Ratio Lower Upper
180 100
182 95.6 76.5 114.7
145 33.3 27.7 41.5

