

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018494.D
 Acq On : 29 Mar 2021 18:30
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Mar 30 03:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	420294	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	402353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	206912	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111699	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
7) Chloroethane-d5	2.891	69	105118	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
10) 1,1-Dichloroethene-d2	4.031	63	203125	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.074	46	72431	55.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.26%
24) Chloroform-d	7.647	84	243799	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.305	65	146954	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.08%
29) Benzene-d6	8.275	84	428096	20.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.04%
33) 1,2-Dichloropropane-d6	9.274	67	132116	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.64%
37) Toluene-d8	10.323	98	412716	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.16%
38) trans-1,3-Dichloroprop...	10.579	79	66303	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	10.926	63	62483	51.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.50%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	143830	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	13.853	152	160993	21.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.56%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	103100	21.36	ug/L	98
3) Chloromethane	2.215	50	140229	23.04	ug/L	98
5) Vinyl chloride	2.367	62	215401	26.96	ug/L	100
6) Bromomethane	2.782	94	152894	26.50	ug/L	99
8) Chloroethane	2.928	64	134469	26.99	ug/L	99
9) Trichlorofluoromethane	3.257	101	89359	22.23	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	132284	25.59	ug/L	95
12) 1,1-Dichloroethene	4.050	96	134633	25.52	ug/L	92
13) Acetone	4.123	43	50196	53.66	ug/L	100
14) Carbon disulfide	4.391	76	372971	23.48	ug/L	98
15) Methyl Acetate	4.672	43	66002	30.85	ug/L	95
16) Methylene chloride	4.915	84	149008	21.61	ug/L	90
17) Methyl tert-butyl Ether	5.427	73	196651	25.51	ug/L	97
18) trans-1,2-Dichloroethene	5.427	96	147967	25.40	ug/L	97
19) 1,1-Dichloroethane	6.214	63	263517	26.52	ug/L	97
21) 2-Butanone	7.171	43	87463	58.85	ug/L	96
22) cis-1,2-Dichloroethene	7.165	96	158303	25.84	ug/L	93
23) Bromochloromethane	7.512	128	74901	27.62	ug/L	88
25) Chloroform	7.677	83	286490	27.16	ug/L	97
27) 1,2-Dichloroethane	8.403	62	208866	27.91	ug/L	98

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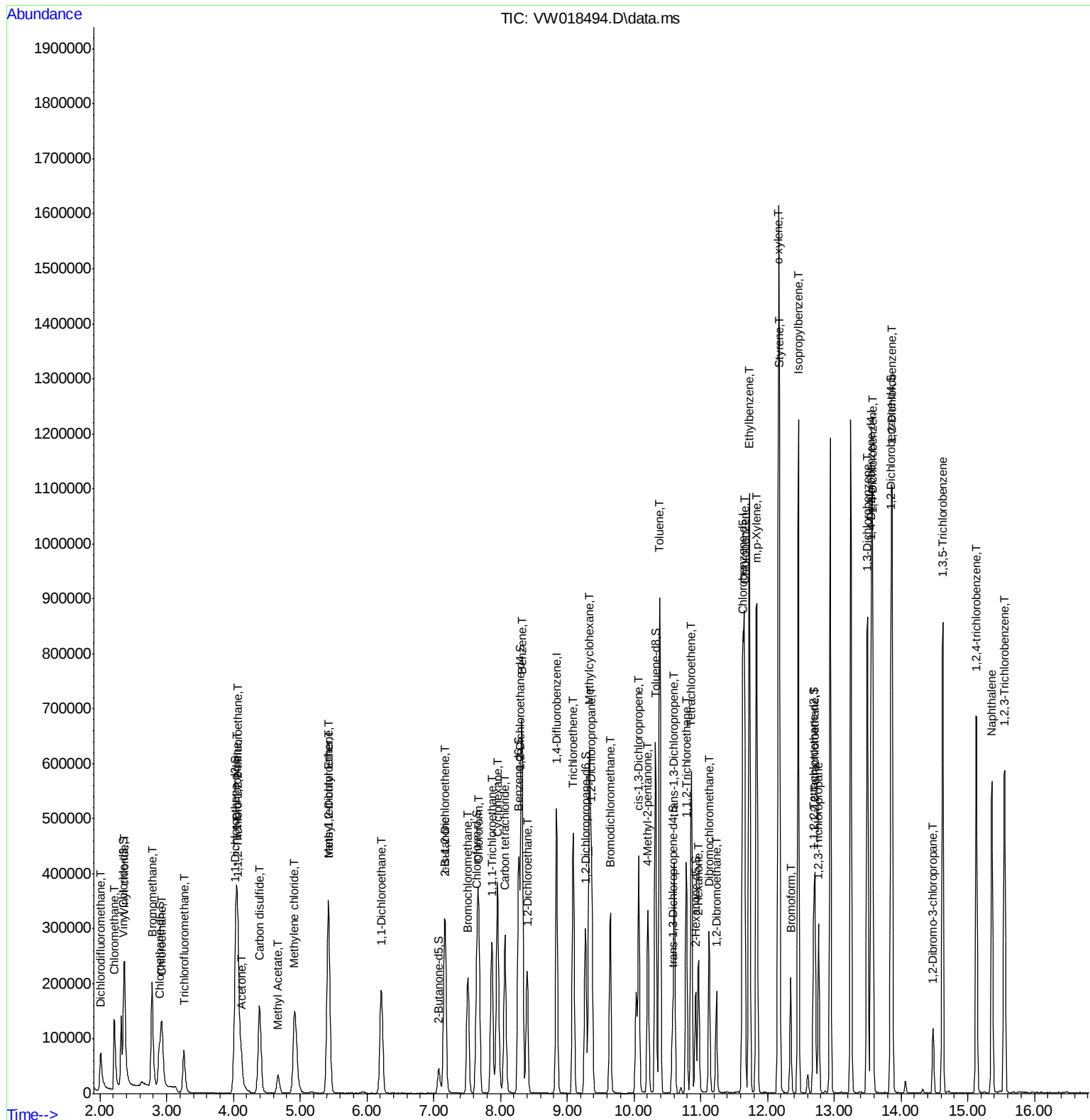
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.957	56	222406	23.28	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	218158	24.26	ug/L	98
32) Carbon tetrachloride	8.067	117	212020	25.30	ug/L	98
34) Benzene	8.323	78	597964	25.66	ug/L	100
35) Trichloroethene	9.091	95	158778	24.66	ug/L	97
36) Methylcyclohexane	9.335	83	266811	23.67	ug/L	97
40) 1,2-Dichloropropane	9.366	63	146961	25.78	ug/L	98
41) Bromodichloromethane	9.646	83	209424	25.99	ug/L	93
42) cis-1,3-Dichloropropene	10.073	75	239042	24.80	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	203705	59.43	ug/L	96
44) Toluene	10.384	91	675755	25.51	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	225220	26.02	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	128079	28.18	ug/L	98
47) Tetrachloroethene	10.859	164	126771	25.93	ug/L	84
49) 2-Hexanone	10.969	43	146155	60.26	ug/L	96
50) Dibromochloromethane	11.128	129	141211	26.35	ug/L	99
51) 1,2-Dibromoethane	11.237	107	124721	27.71	ug/L	93
52) Chlorobenzene	11.658	112	418681	24.92	ug/L	95
53) Ethylbenzene	11.731	91	771507	25.83	ug/L	99
54) m,p-Xylene	11.835	106	288631	25.29	ug/L	100
55) o-xylene	12.164	106	282474	25.96	ug/L	100
56) Styrene	12.182	104	483200	26.04	ug/L	96
57) Isopropylbenzene	12.463	105	760593	25.70	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	163186	29.66	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	123718	29.79	ug/L	100
62) Bromoform	12.347	173	84494	26.63	ug/L #	97
63) 1,3-Dichlorobenzene	13.499	146	340012	25.67	ug/L	92
64) 1,4-Dichlorobenzene	13.578	146	339376	25.40	ug/L	96
65) 1,2-Dichlorobenzene	13.865	146	315936	26.69	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	30660	28.66	ug/L	90
67) 1,3,5-Trichlorobenzene	14.627	180	242333	25.37	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	210030	25.84	ug/L	98
69) Naphthalene	15.365	128	470977	27.83	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	196423	27.70	ug/L	98

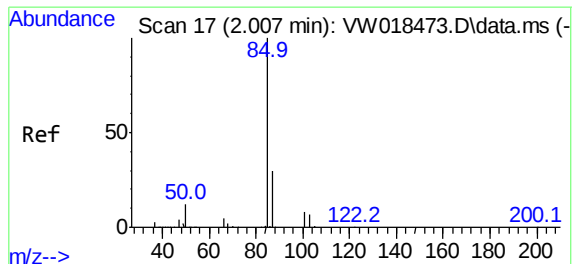
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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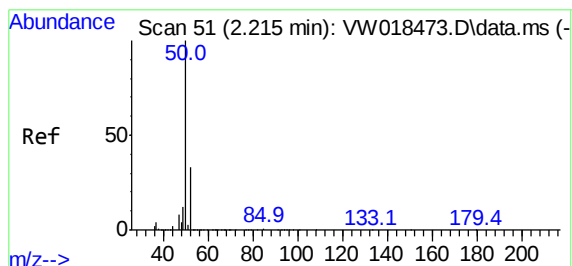
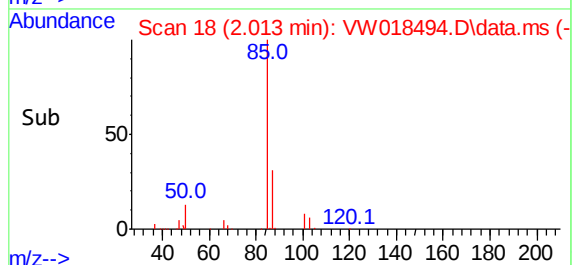
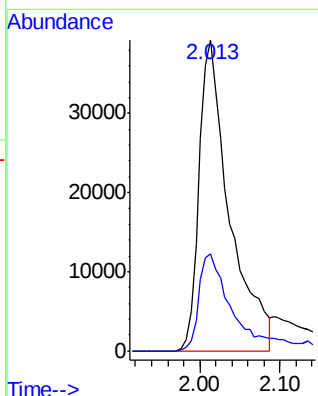
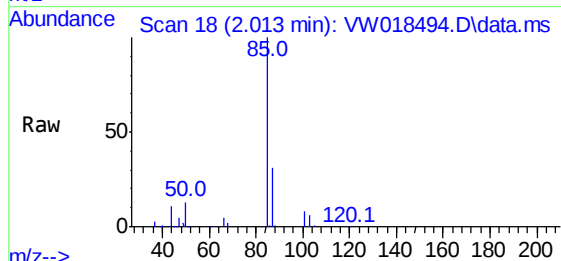




#2
Dichlorodifluoromethane
Concen: 21.36 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

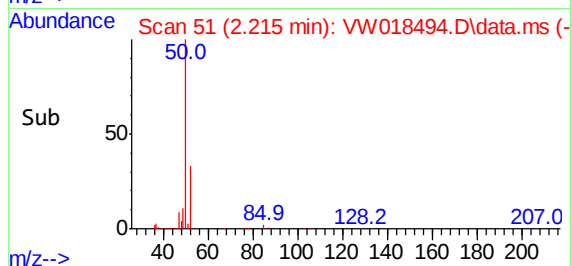
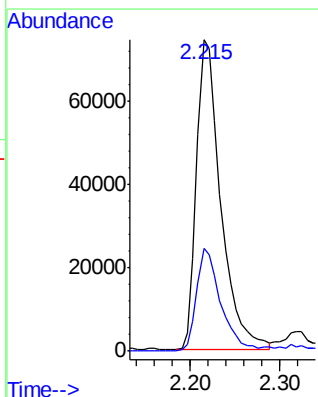
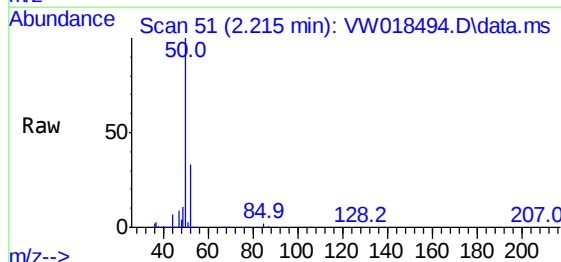
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

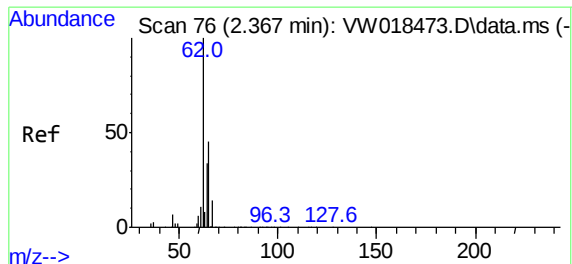
Tgt Ion: 85 Resp: 103100
Ion Ratio Lower Upper
85 100
87 30.4 22.2 41.2



#3
Chloromethane
Concen: 23.04 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 50 Resp: 140229
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9

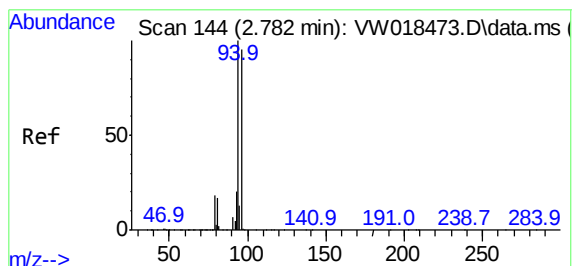
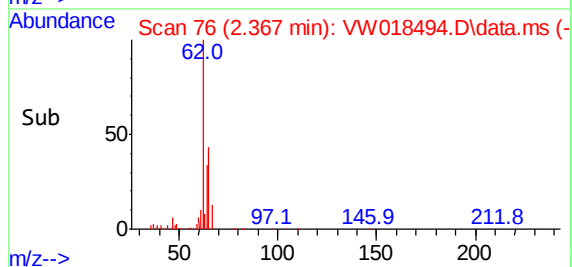
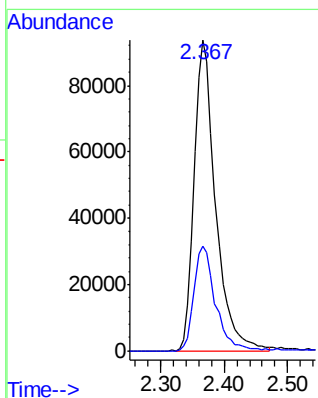
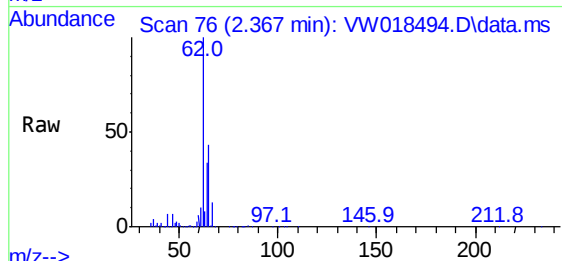




#5
 Vinyl chloride
 Concen: 26.96 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018494.D
 Acq: 29 Mar 2021 18:30

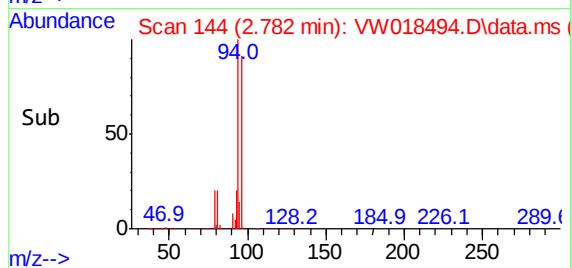
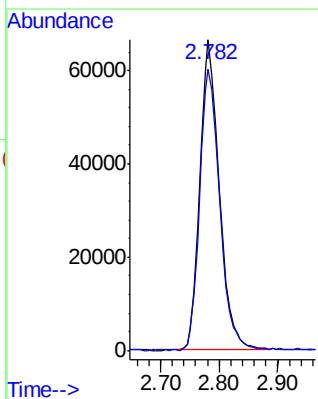
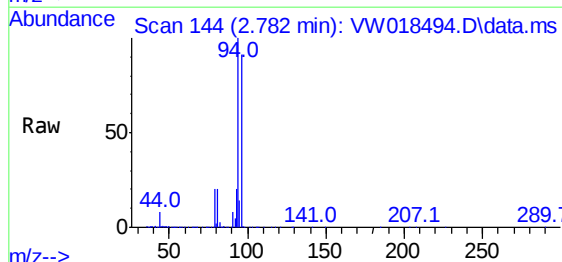
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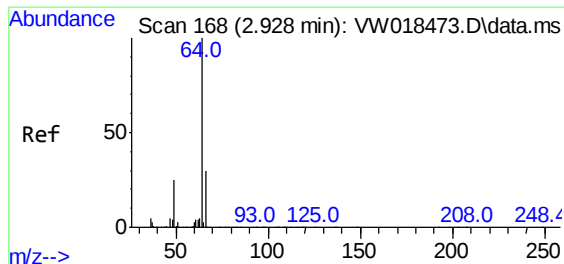
Tgt Ion: 62 Resp: 215401
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.5 43.7



#6
 Bromomethane
 Concen: 26.50 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018494.D
 Acq: 29 Mar 2021 18:30

Tgt Ion: 94 Resp: 152894
 Ion Ratio Lower Upper
 94 100
 96 93.6 9.4 179.4

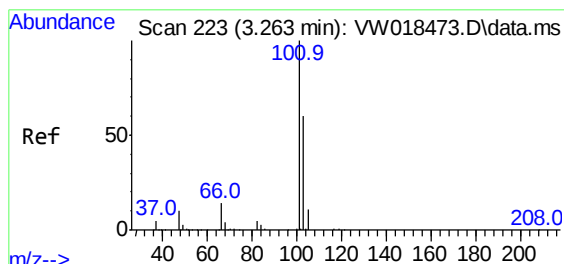
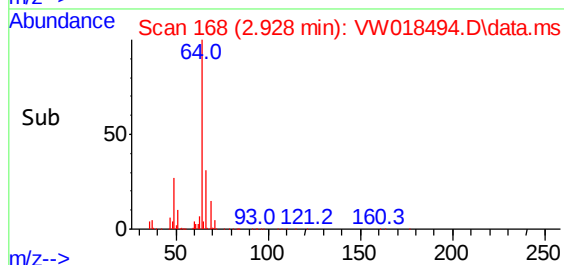
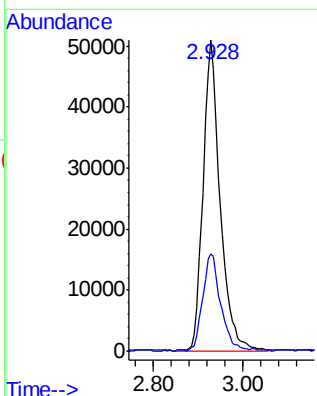
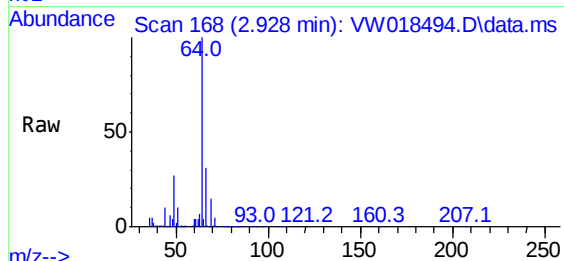




#8
Chloroethane
Concen: 26.99 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

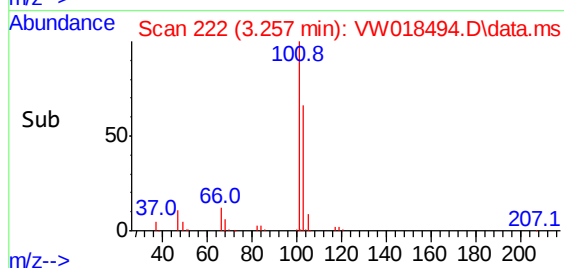
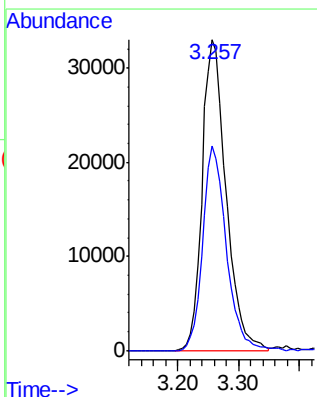
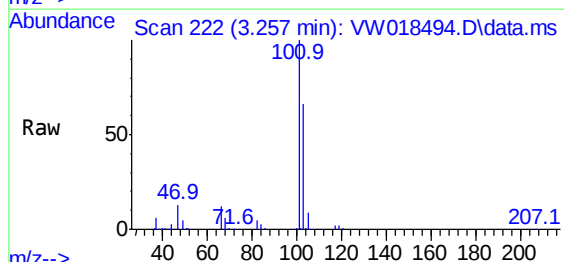
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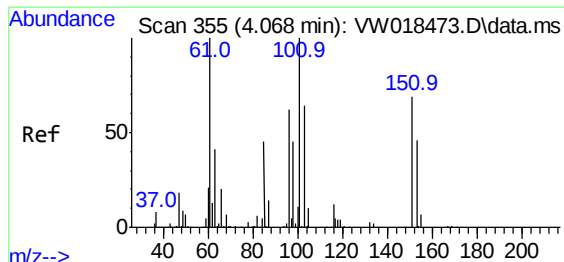
Tgt Ion: 64 Resp: 134469
Ion Ratio Lower Upper
64 100
66 31.2 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.23 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion:101 Resp: 89359
Ion Ratio Lower Upper
101 100
103 65.0 45.6 84.8



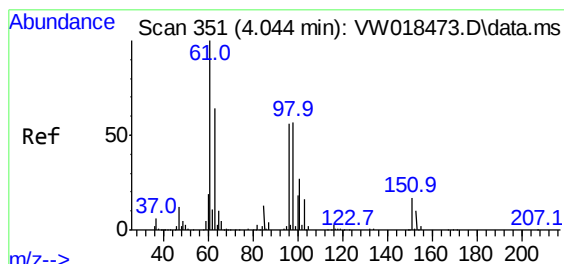
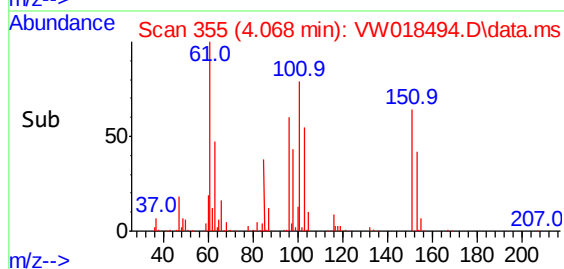
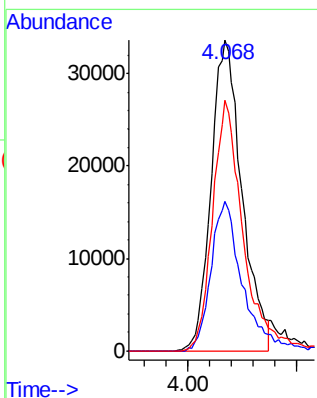
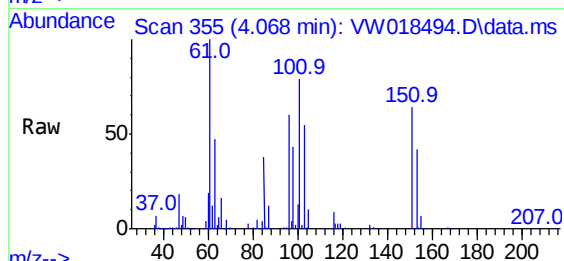


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.59 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018494.D
 Acq: 29 Mar 2021 18:30

Instrument :
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 ClientSampleId :
 VSTD02519

Tgt Ion:101 Resp: 132284

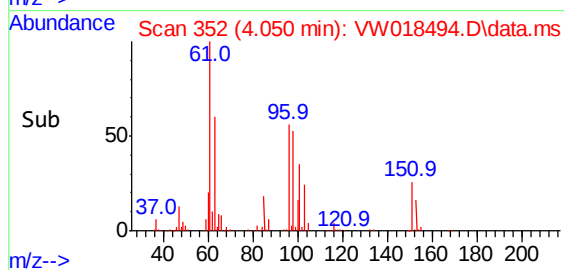
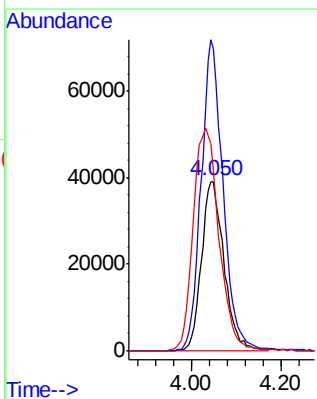
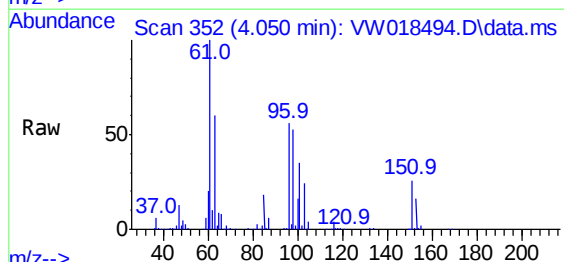
Ion	Ratio	Lower	Upper
101	100		
85	46.7	35.6	53.4
151	77.7	58.1	87.1

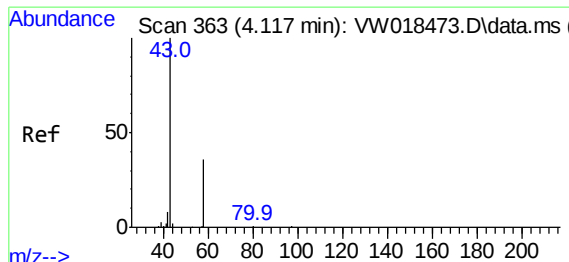


#12
 1,1-Dichloroethene
 Concen: 25.52 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018494.D
 Acq: 29 Mar 2021 18:30

Tgt Ion: 96 Resp: 134633

Ion	Ratio	Lower	Upper
96	100		
61	178.9	118.6	220.2
63	106.6	82.4	153.0

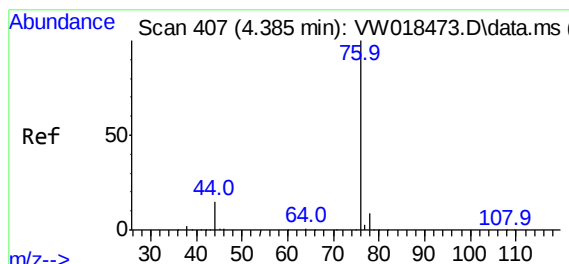
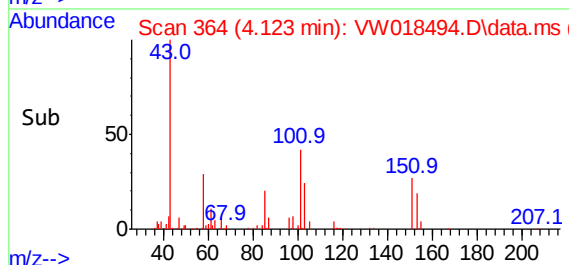
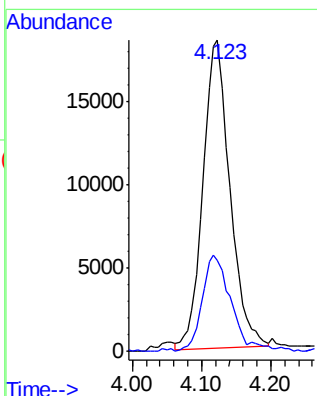
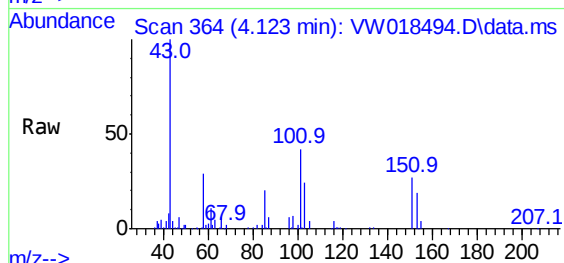




#13
Acetone
Concen: 53.66 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

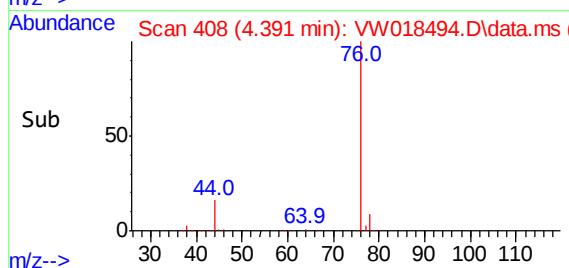
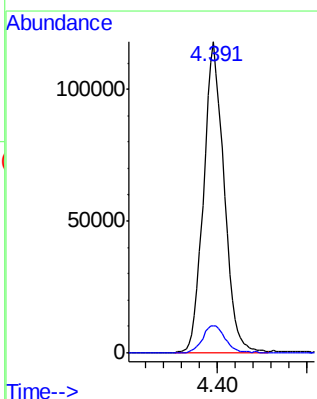
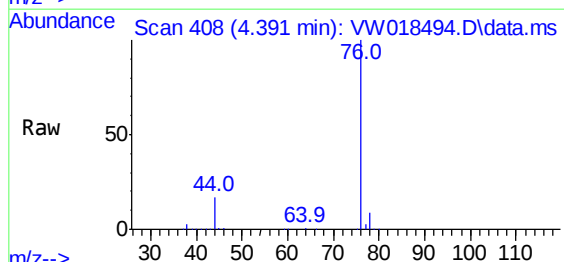
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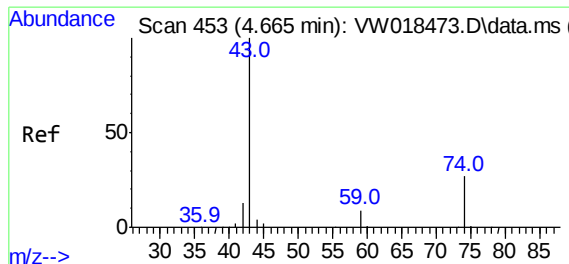
Tgt Ion: 43 Resp: 50196
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.2



#14
Carbon disulfide
Concen: 23.48 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 76 Resp: 372971
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

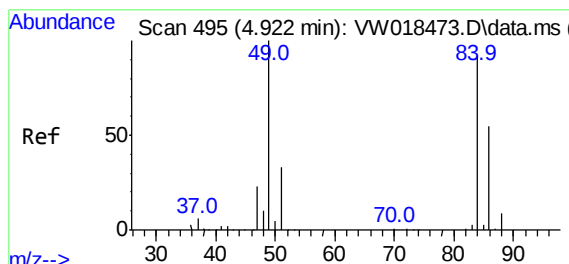
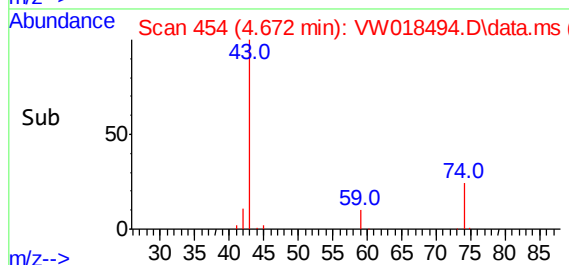
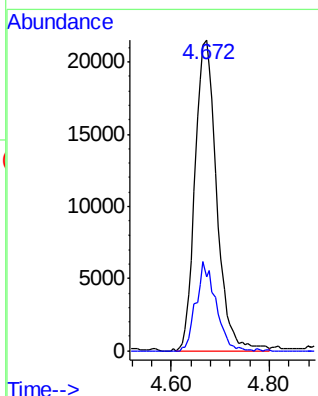
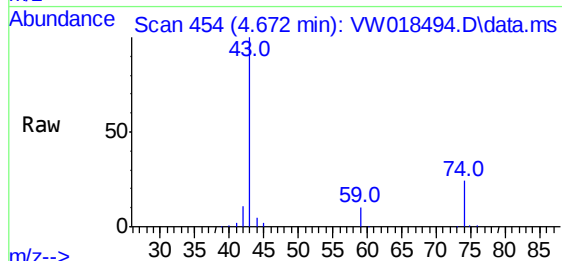




#15
Methyl Acetate
Concen: 30.85 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

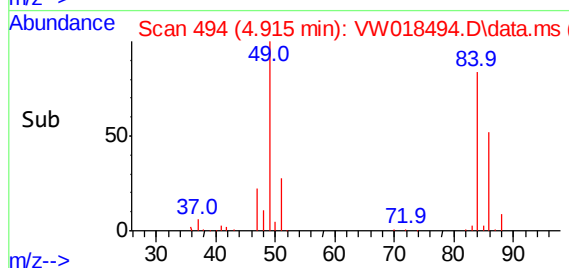
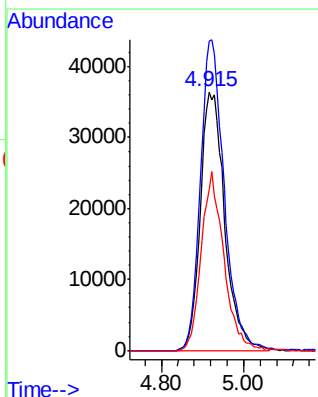
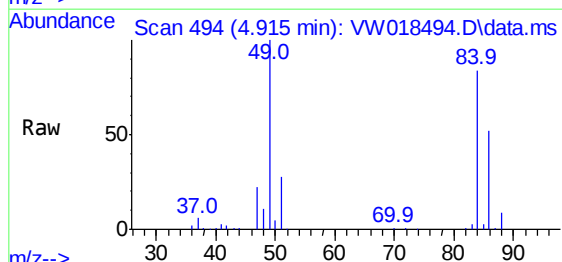
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

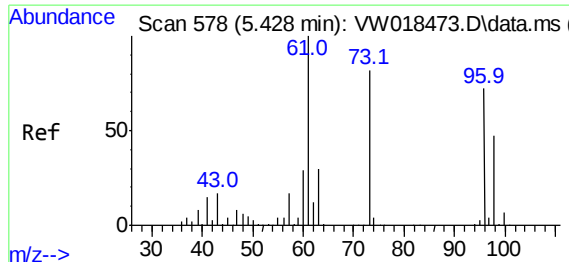
Tgt Ion: 43 Resp: 66002
Ion Ratio Lower Upper
43 100
74 25.8 22.9 34.3



#16
Methylene chloride
Concen: 21.61 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 84 Resp: 149008
Ion Ratio Lower Upper
84 100
49 119.6 74.4 138.2
86 62.5 46.1 85.7



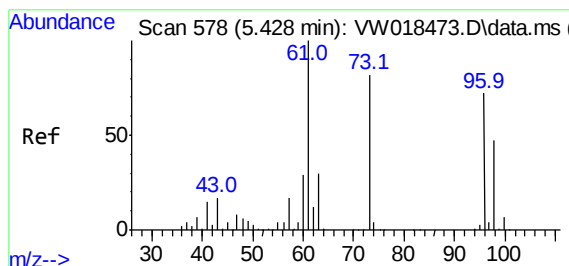
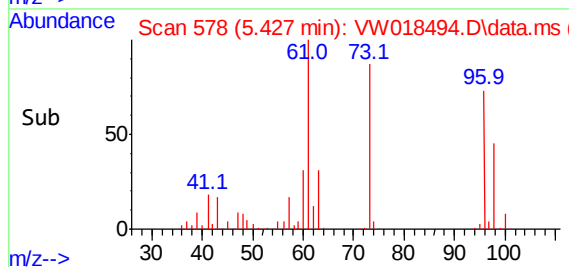
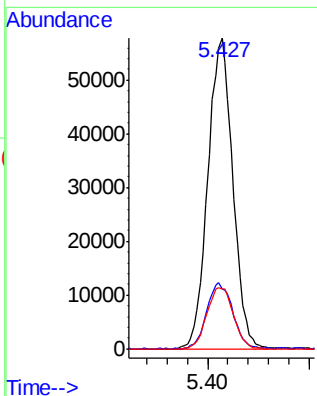
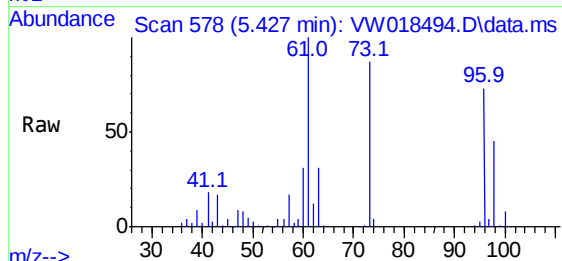


#17
Methyl tert-butyl Ether
Concen: 25.51 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Instrument :
MSVOA_W
ClientSampled :
VSTD02519

Tgt Ion: 73 Resp: 196651

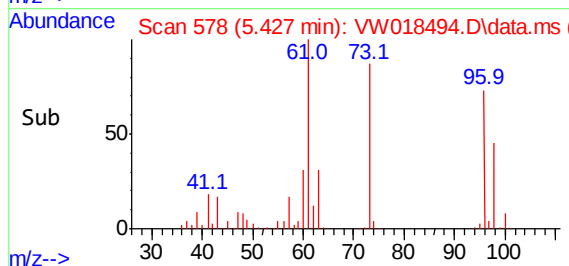
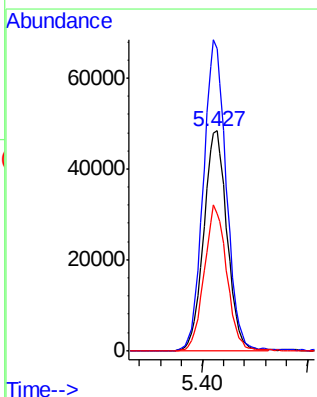
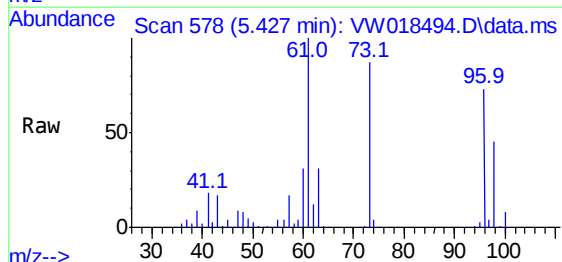
Ion	Ratio	Lower	Upper
73	100		
43	22.1	16.6	24.8
57	20.9	15.9	23.9

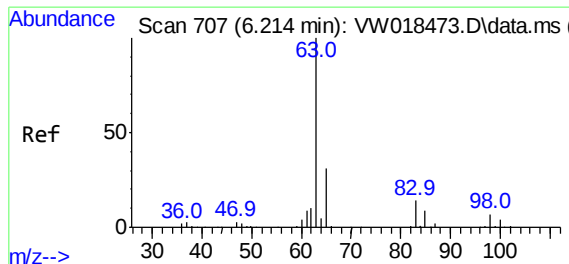


#18
trans-1,2-Dichloroethene
Concen: 25.40 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 96 Resp: 147967

Ion	Ratio	Lower	Upper
96	100		
61	137.3	93.3	173.3
98	62.2	45.2	84.0

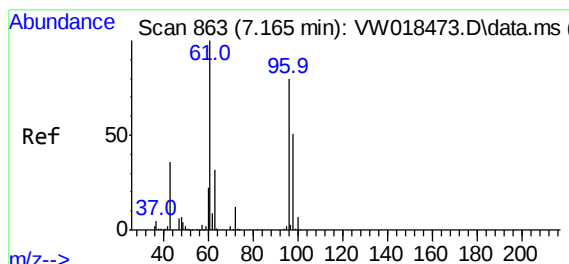
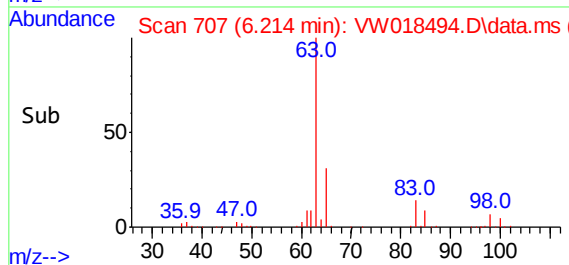
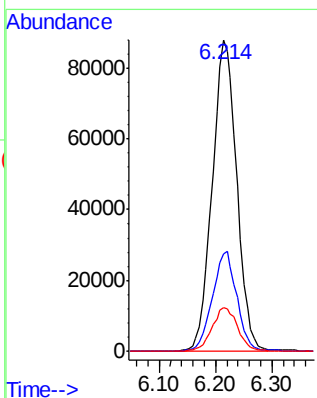
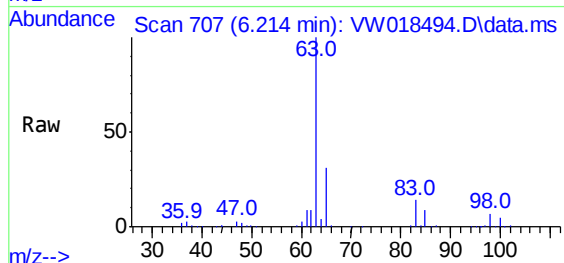




#19
1,1-Dichloroethane
Concen: 26.52 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

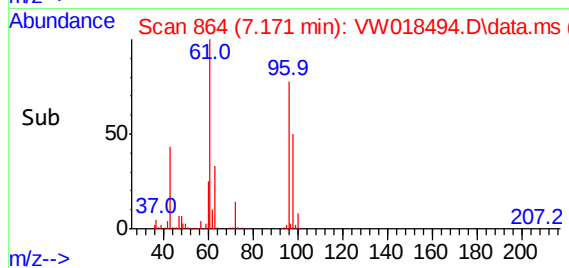
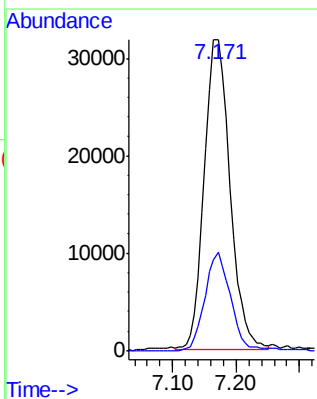
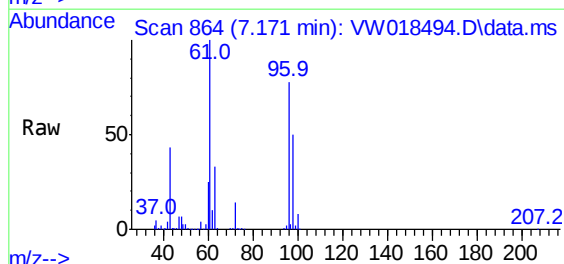
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

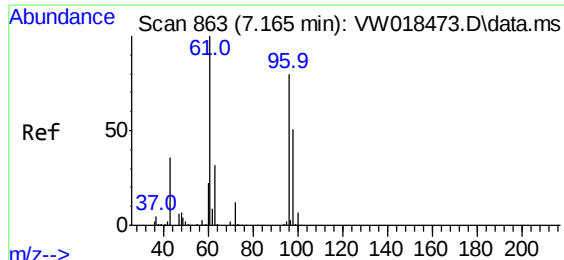
Tgt Ion: 63 Resp: 263517
Ion Ratio Lower Upper
63 100
65 31.2 23.5 43.7
83 14.1 10.3 19.1



#21
2-Butanone
Concen: 58.85 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 43 Resp: 87463
Ion Ratio Lower Upper
43 100
72 30.5 16.5 49.5

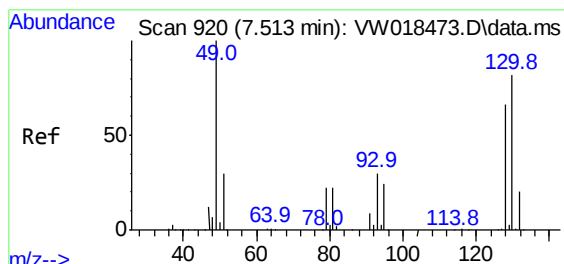
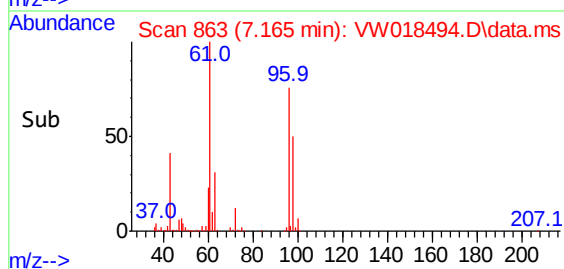
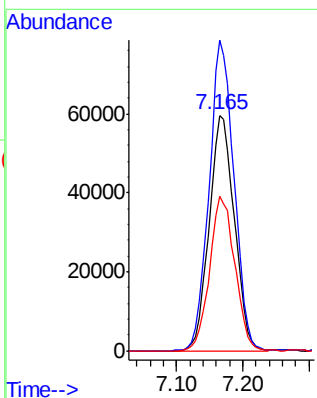
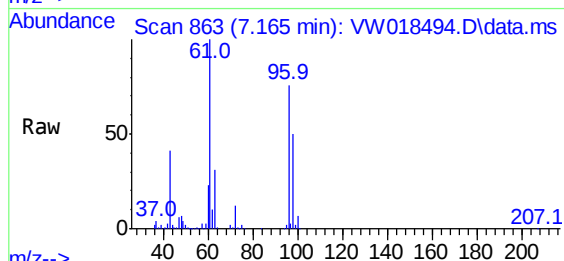




#22
cis-1,2-Dichloroethene
Concen: 25.84 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

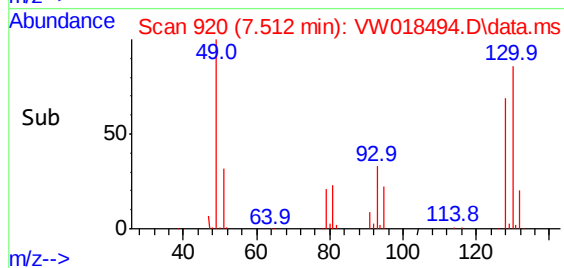
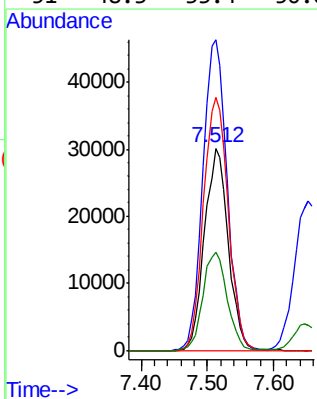
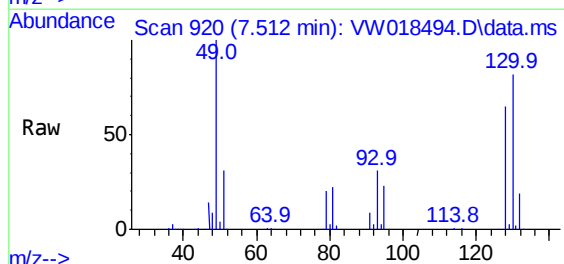
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

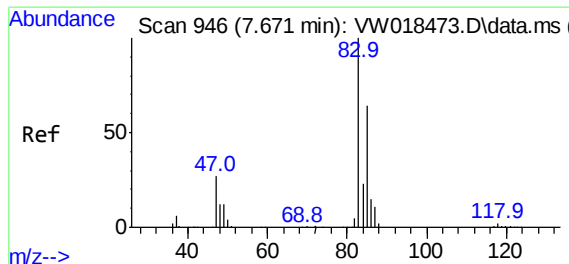
Tgt Ion: 96 Resp: 158303
Ion Ratio Lower Upper
96 100
61 131.9 84.8 157.6
98 65.5 45.1 83.9



#23
Bromochloromethane
Concen: 27.62 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 128 Resp: 74901
Ion Ratio Lower Upper
128 100
49 153.5 92.4 171.6
130 125.4 83.9 155.7
51 48.3 33.4 50.0

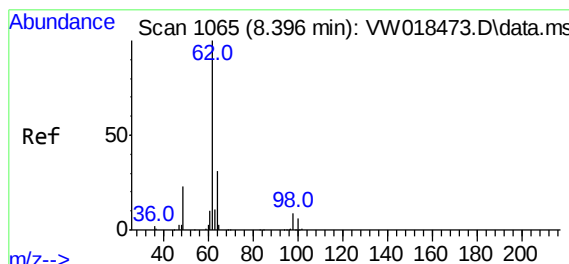
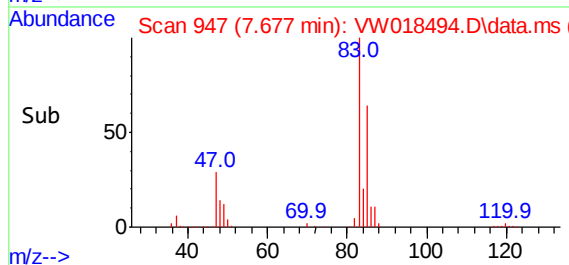
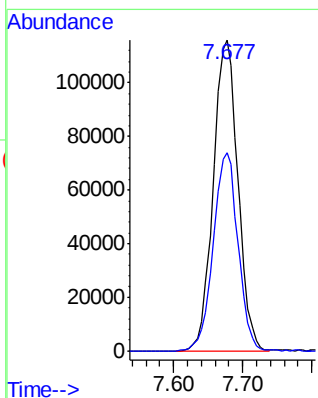
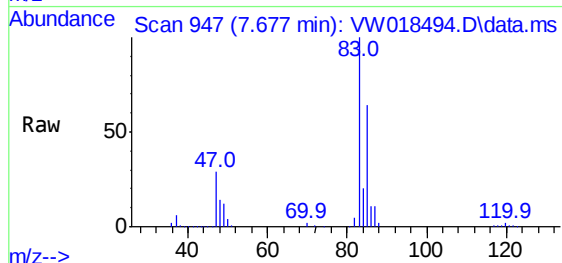




#25
Chloroform
Concen: 27.16 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

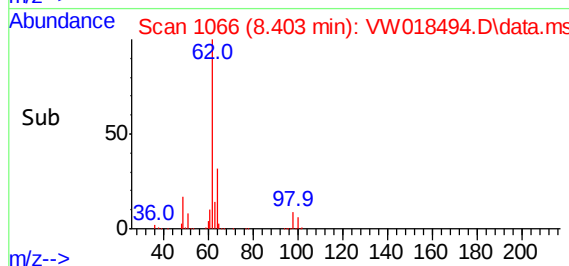
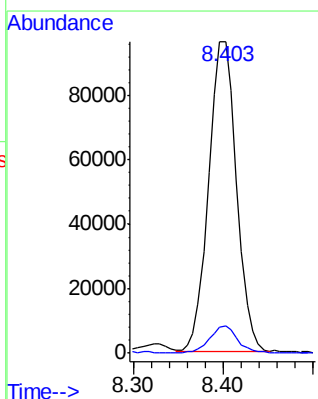
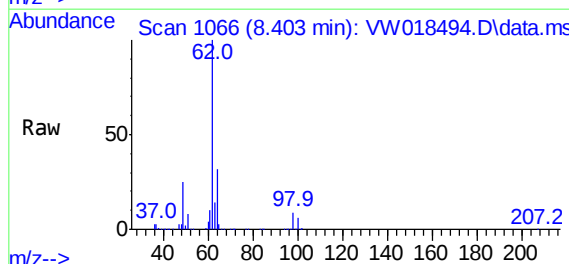
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

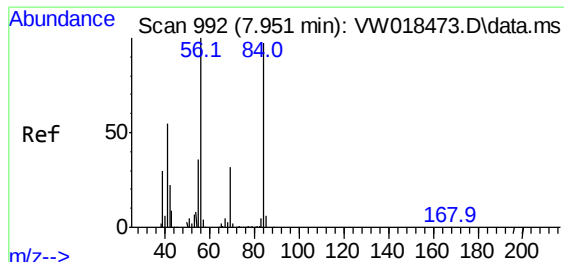
Tgt Ion: 83 Resp: 286490
Ion Ratio Lower Upper
83 100
85 64.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.91 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 62 Resp: 208866
Ion Ratio Lower Upper
62 100
98 8.6 6.4 9.6

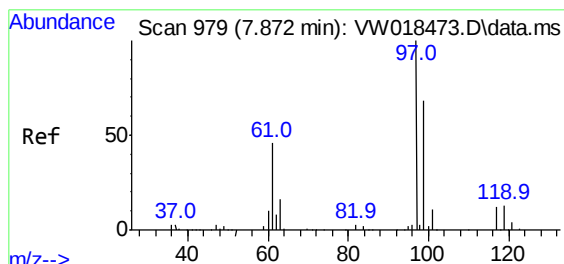
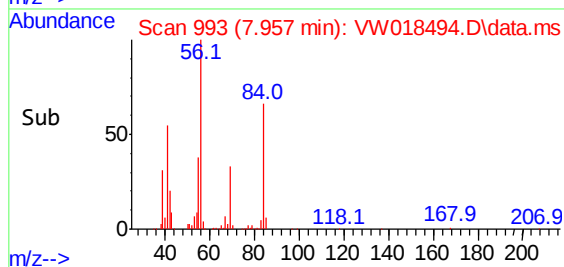
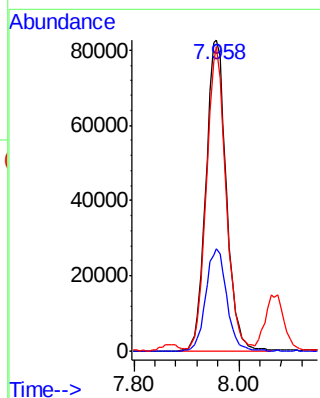
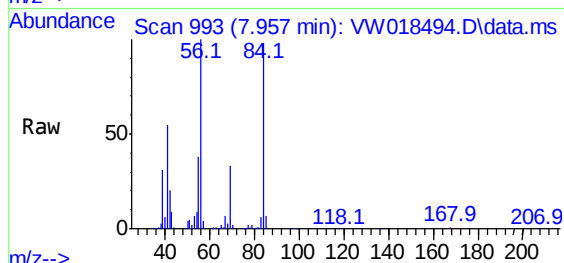




#30
Cyclohexane
Concen: 23.28 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

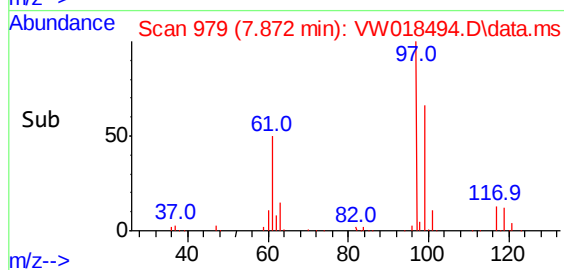
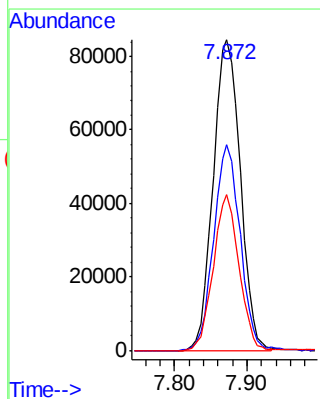
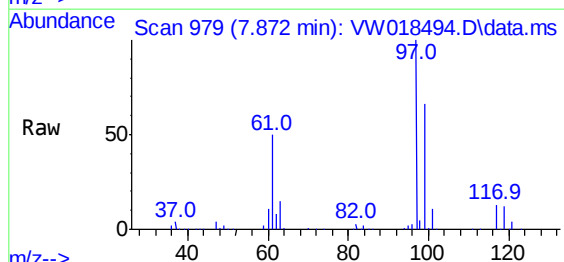
Instrument :
MSVOA_W
ClientSampleId :
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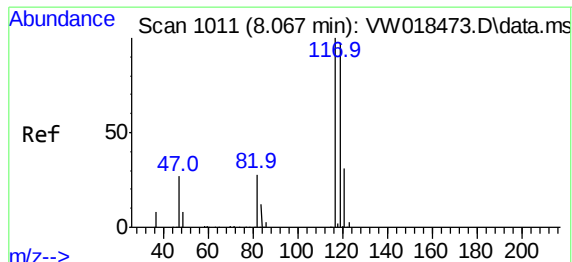
Tgt Ion: 56 Resp: 222406
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.6
84 94.1 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 24.26 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 97 Resp: 218158
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 47.4 34.8 52.2

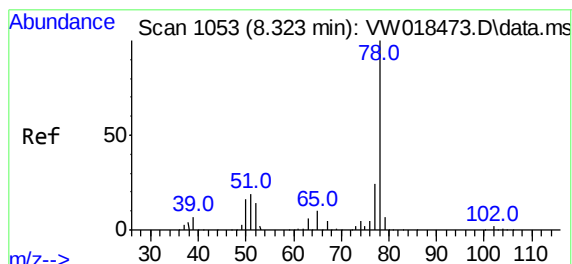
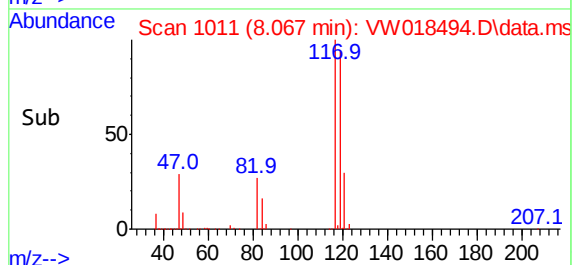
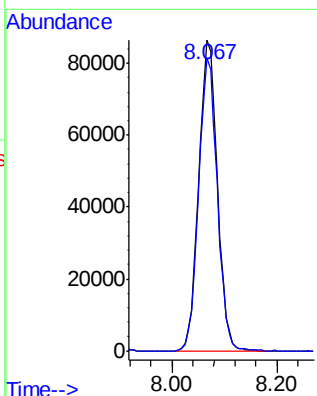
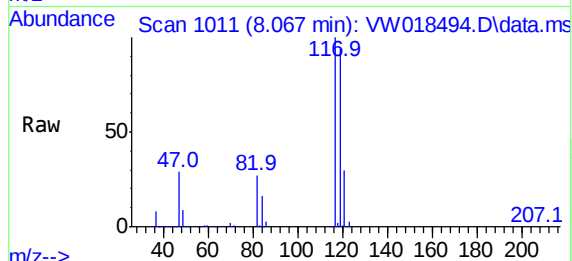




#32
Carbon tetrachloride
Concen: 25.30 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

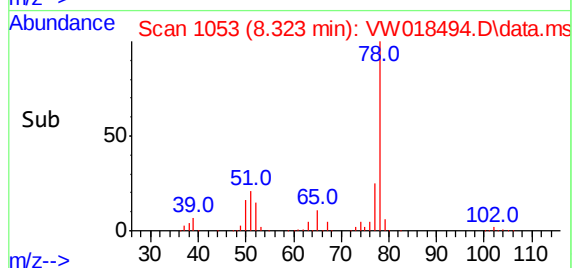
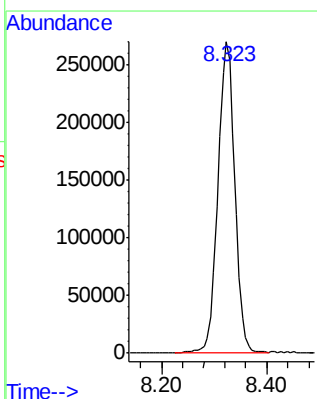
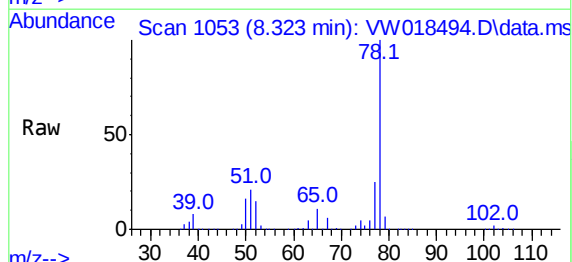
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

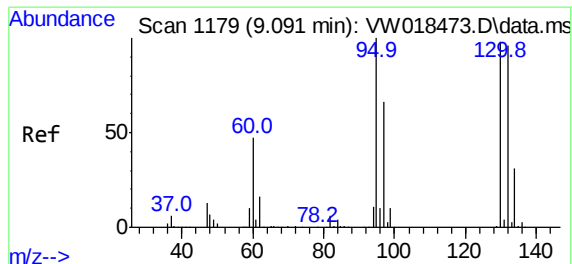
Tgt Ion:117 Resp: 212020
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1



#34
Benzene
Concen: 25.66 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 78 Resp: 597964

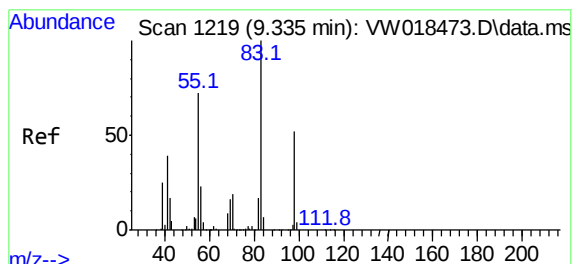
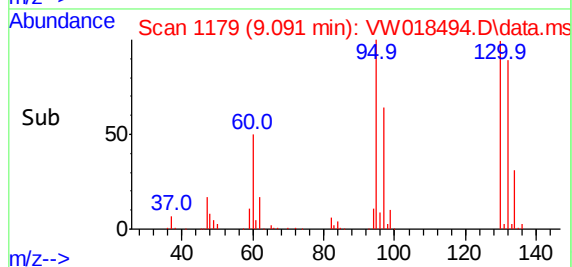
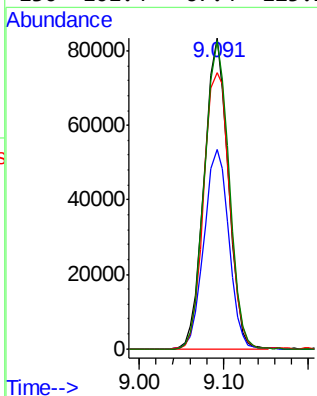
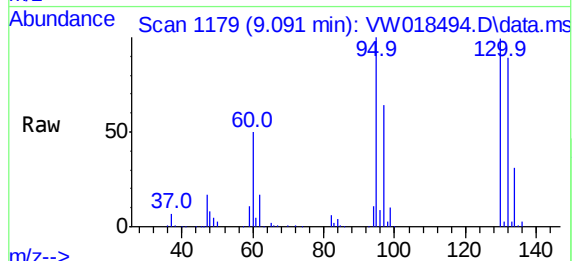




#35
Trichloroethene
Concen: 24.66 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

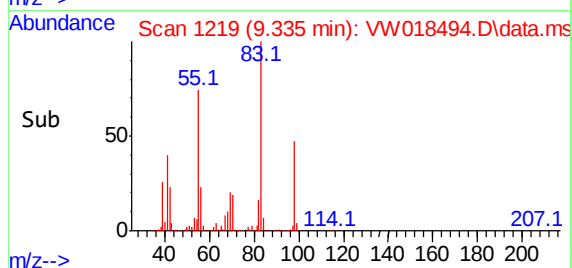
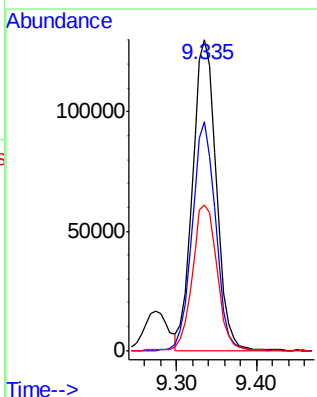
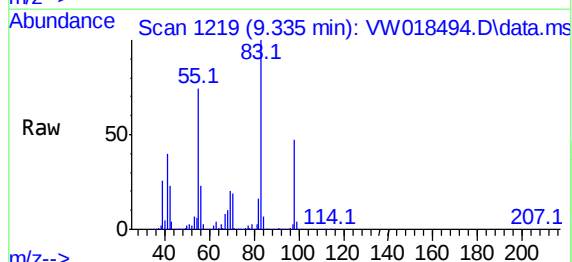
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

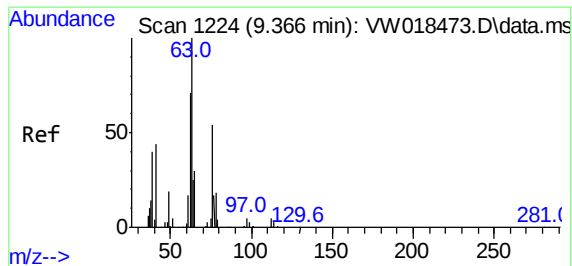
Tgt Ion: 95 Resp: 158778
Ion Ratio Lower Upper
95 100
97 66.1 44.4 82.4
132 95.3 65.9 122.5
130 101.4 67.4 125.2



#36
Methylcyclohexane
Concen: 23.67 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 83 Resp: 266811
Ion Ratio Lower Upper
83 100
55 72.9 56.8 85.2
98 48.8 40.6 61.0

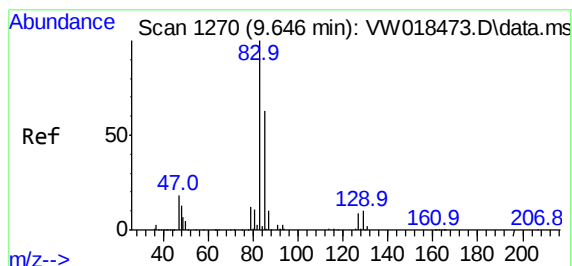
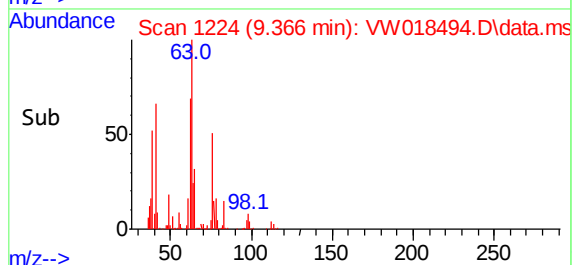
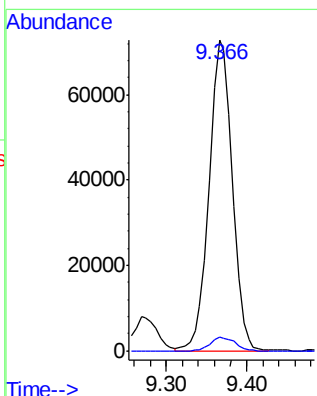
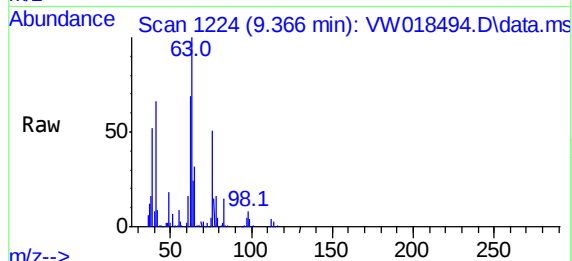




#40
1,2-Dichloropropane
Concen: 25.78 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

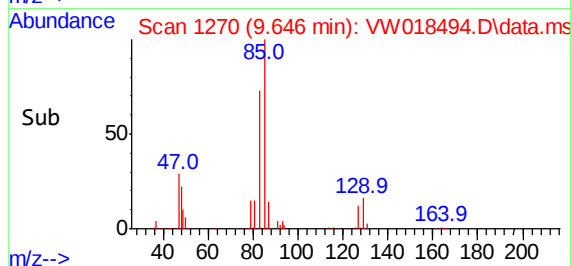
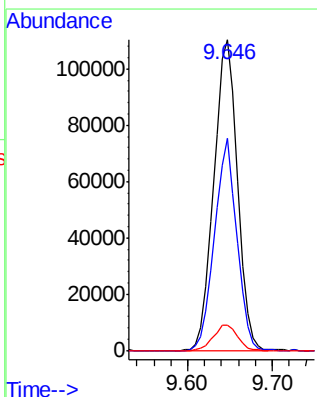
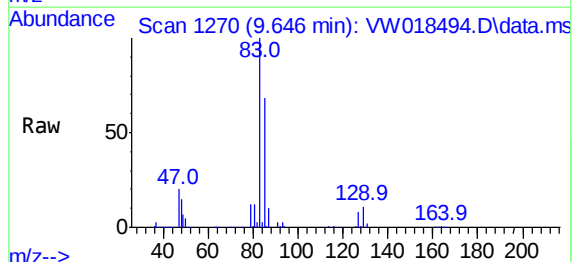
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

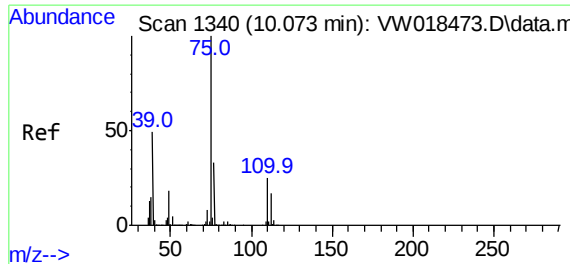
Tgt Ion: 63 Resp: 146961
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 25.99 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 83 Resp: 209424
Ion Ratio Lower Upper
83 100
85 68.3 43.8 81.4
127 8.3 6.9 10.3

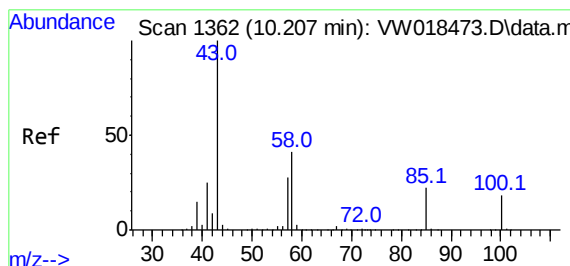
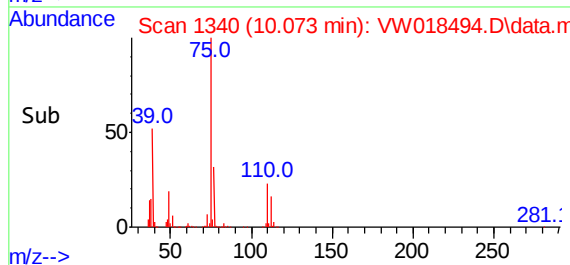
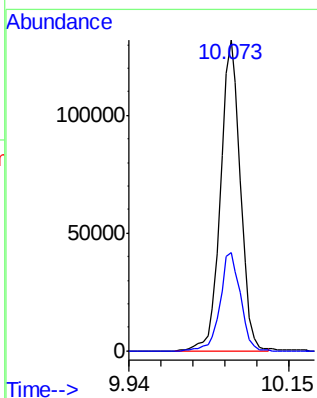
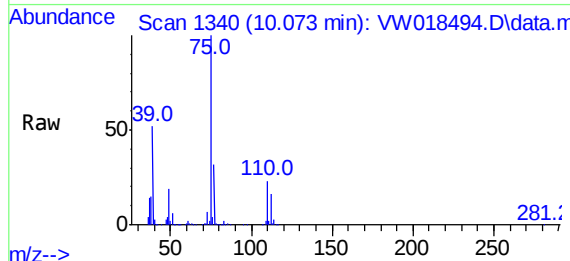




#42
cis-1,3-Dichloropropene
Concen: 24.80 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

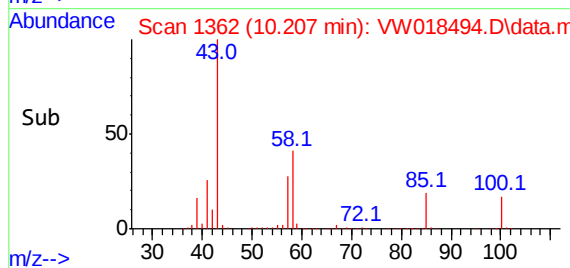
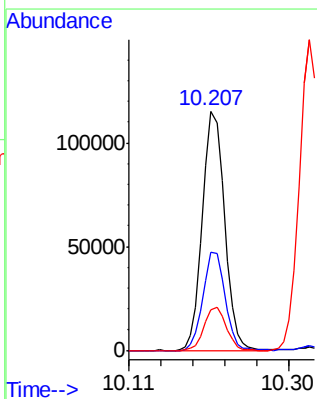
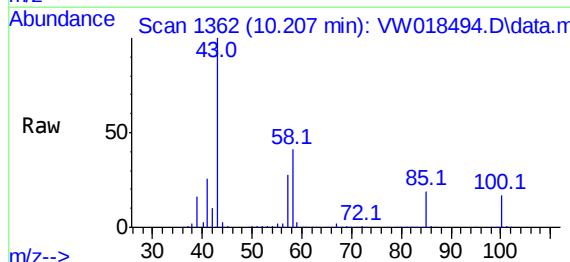
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

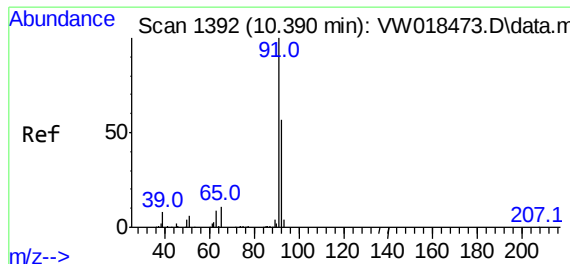
Tgt Ion: 75 Resp: 239042
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 59.43 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 43 Resp: 203705
Ion Ratio Lower Upper
43 100
58 41.0 34.8 52.2
100 18.0 15.9 23.9





#44

Toluene

Concen: 25.51 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW018494.D

Acq: 29 Mar 2021 18:30

Tgt Ion: 91 Resp: 675755

Ion Ratio Lower Upper

91 100

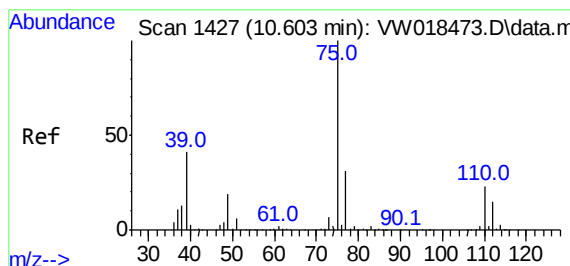
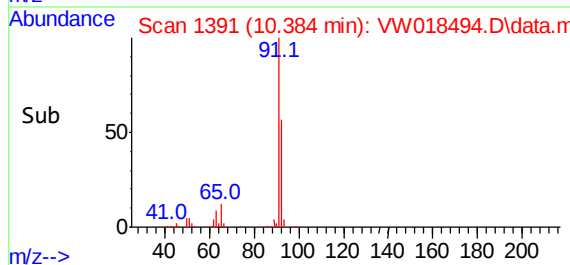
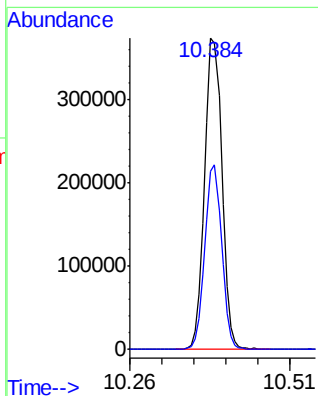
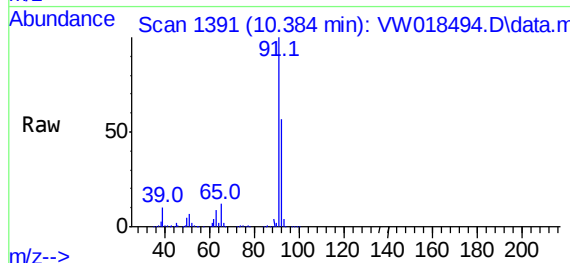
92 57.3 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02519



#45

trans-1,3-Dichloropropene

Concen: 26.02 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018494.D

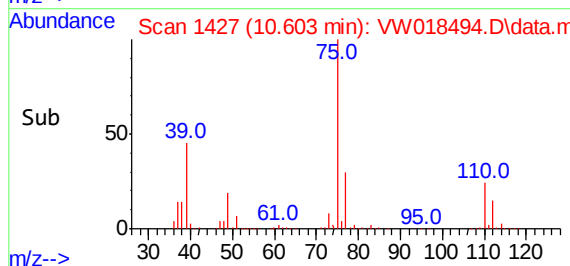
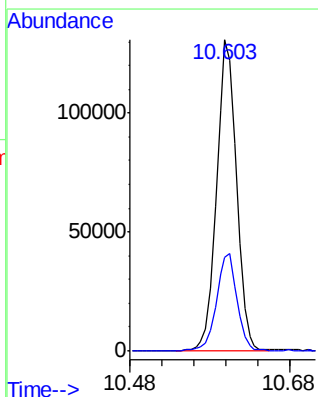
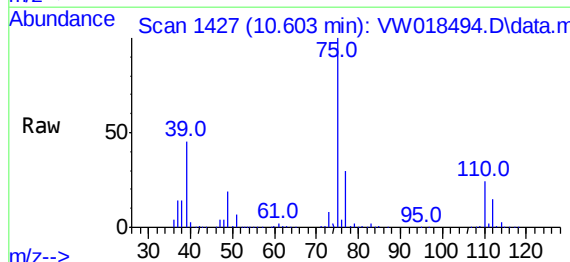
Acq: 29 Mar 2021 18:30

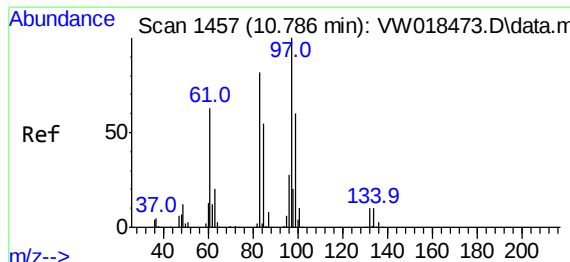
Tgt Ion: 75 Resp: 225220

Ion Ratio Lower Upper

75 100

77 29.9 22.6 42.0



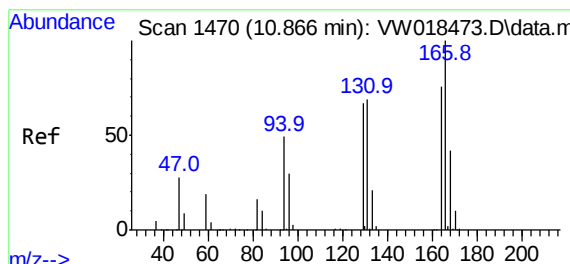
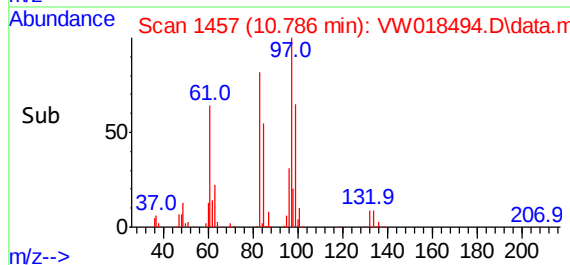
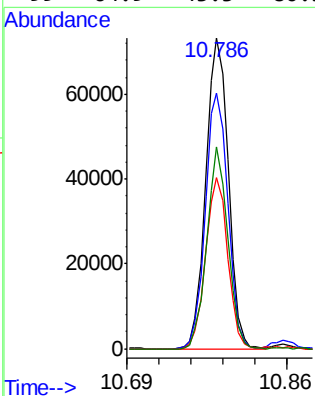
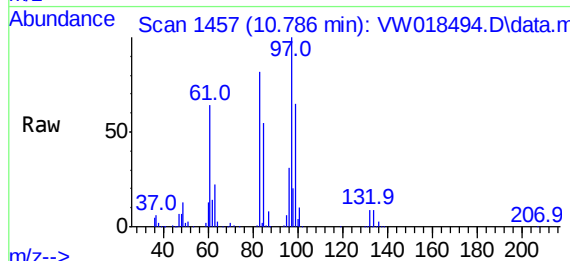


#46
1,1,2-Trichloroethane
Concen: 28.18 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

Tgt Ion: 97 Resp: 128079

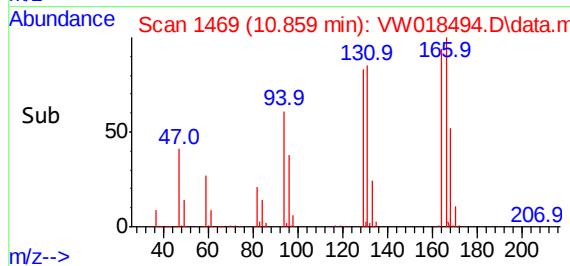
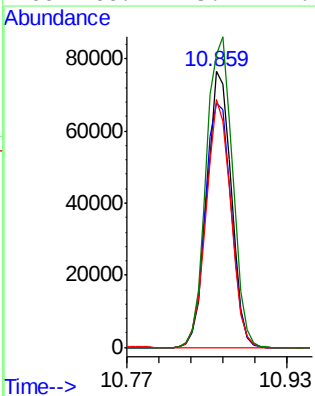
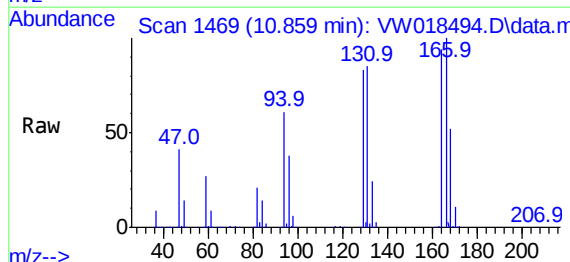
Ion	Ratio	Lower	Upper
97	100		
83	82.3	58.9	109.5
85	55.0	38.4	71.4
99	64.9	43.3	80.3

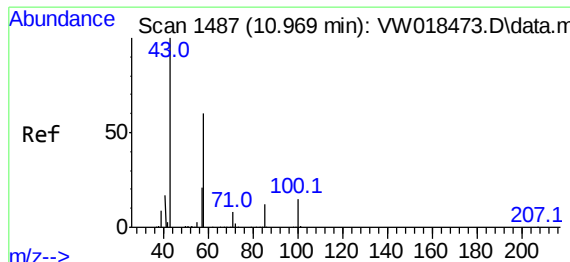


#47
Tetrachloroethene
Concen: 25.93 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 164 Resp: 126771

Ion	Ratio	Lower	Upper
164	100		
129	88.4	68.8	127.8
131	89.8	68.3	126.8
166	106.2	95.4	177.2



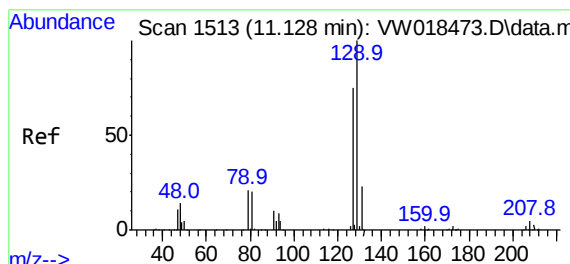
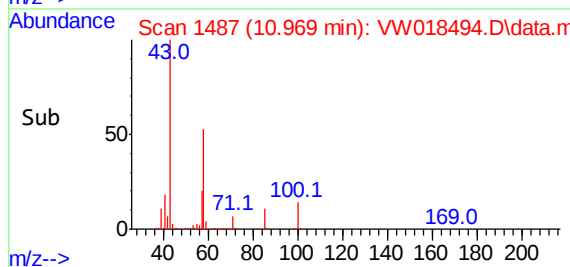
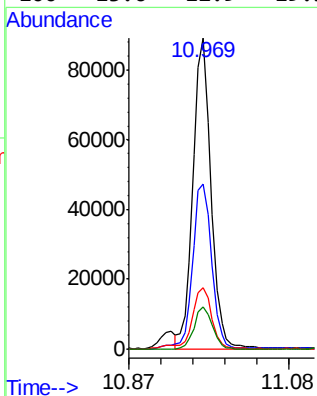
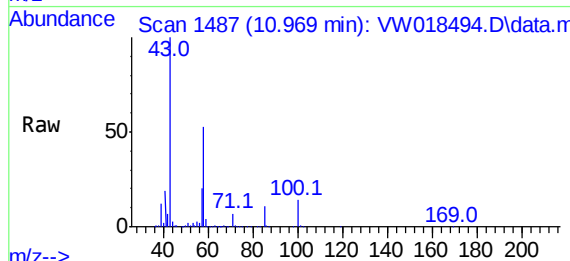


#49
2-Hexanone
Concen: 60.26 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

Tgt Ion: 43 Resp: 146155

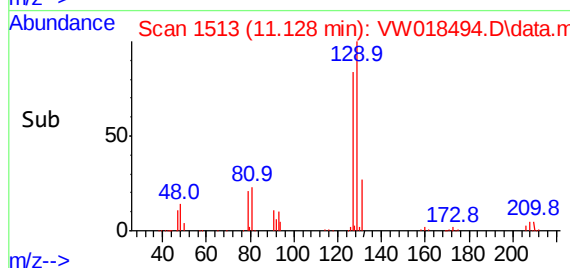
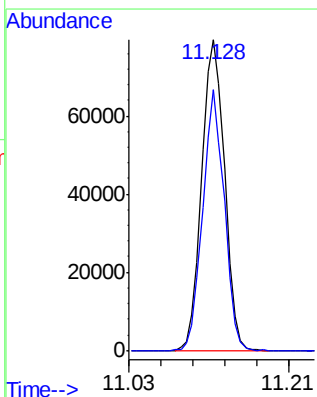
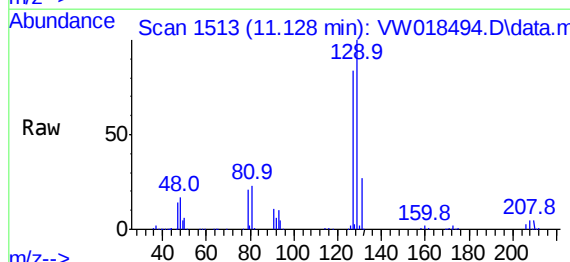
Ion	Ratio	Lower	Upper
43	100		
58	56.3	47.3	70.9
57	20.5	17.3	25.9
100	13.6	12.9	19.3

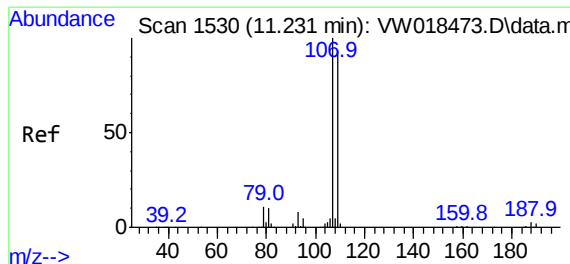


#50
Dibromochloromethane
Concen: 26.35 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 129 Resp: 141211

Ion	Ratio	Lower	Upper
129	100		
127	84.1	58.0	107.6

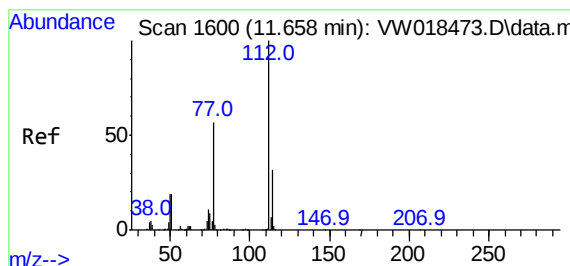
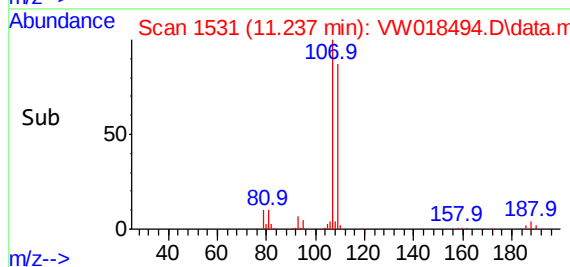
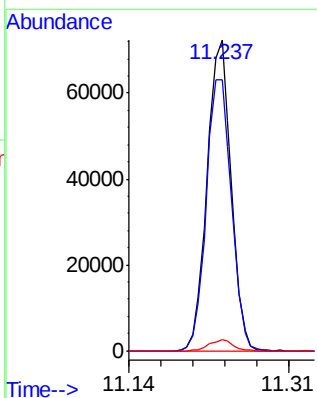
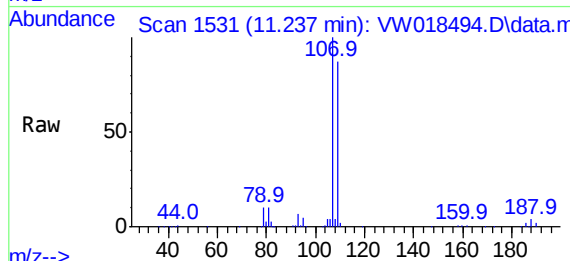




#51
1,2-Dibromoethane
Concen: 27.71 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

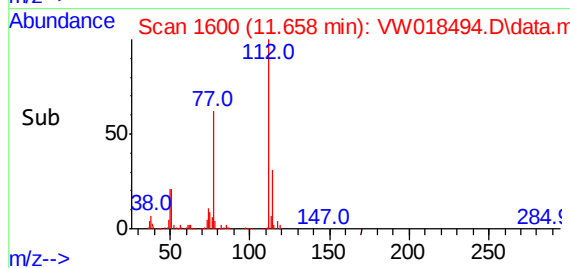
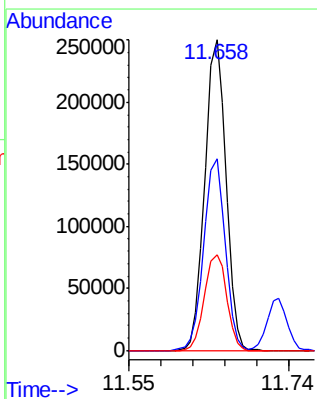
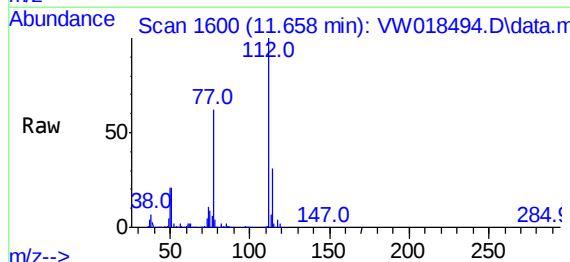
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

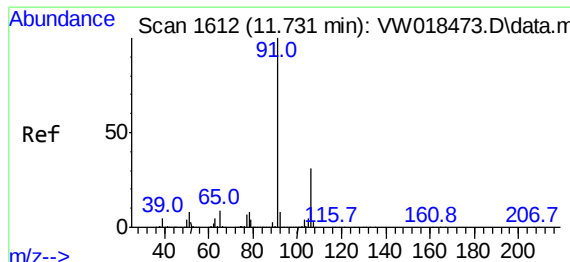
Tgt Ion:107 Resp: 124721
Ion Ratio Lower Upper
107 100
109 87.1 65.9 122.5
188 3.7 3.0 4.4



#52
Chlorobenzene
Concen: 24.92 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion:112 Resp: 418681
Ion Ratio Lower Upper
112 100
77 61.6 45.4 68.2
114 30.8 22.5 41.9

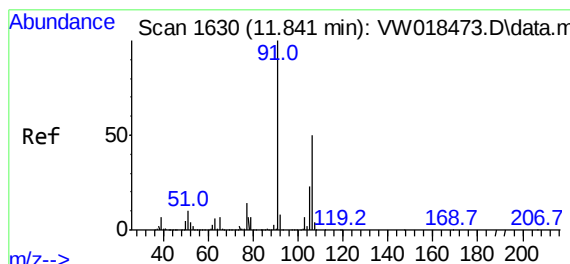
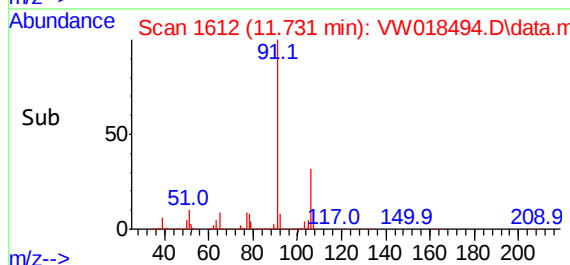
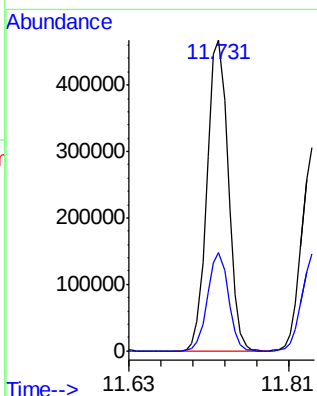
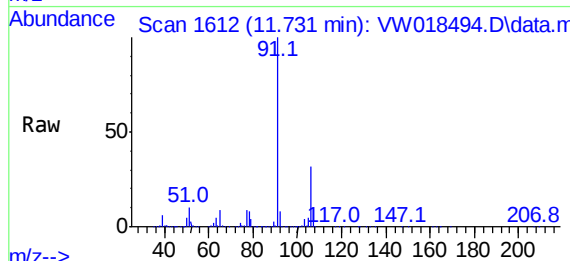




#53
Ethylbenzene
Concen: 25.83 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

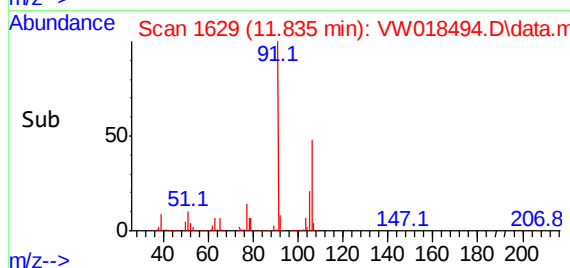
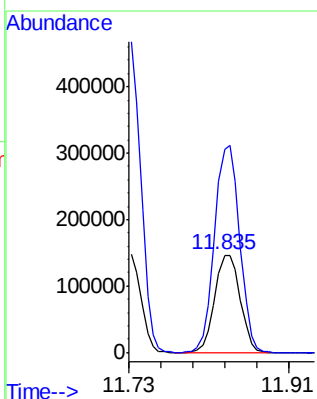
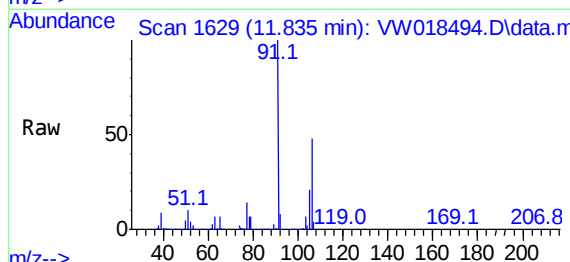
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

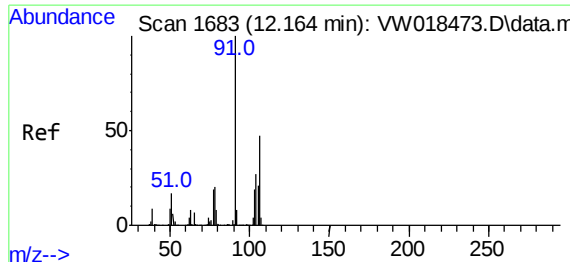
Tgt Ion: 91 Resp: 771507
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#54
m,p-Xylene
Concen: 25.29 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 106 Resp: 288631
Ion Ratio Lower Upper
106 100
91 208.0 145.3 269.8

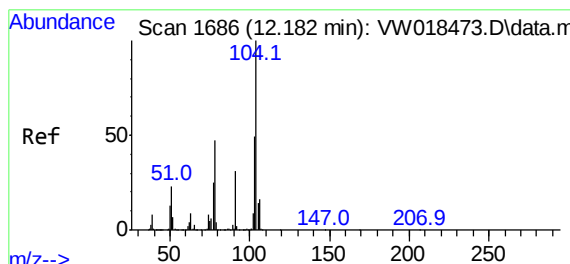
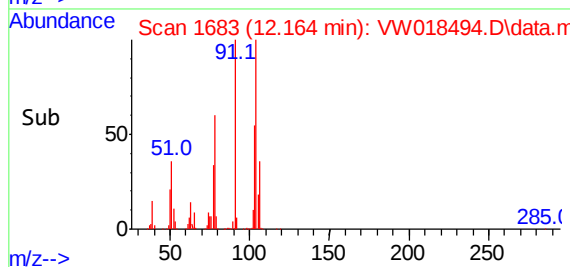
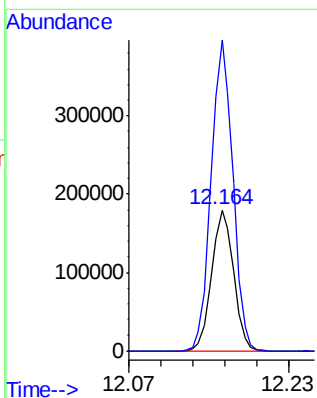
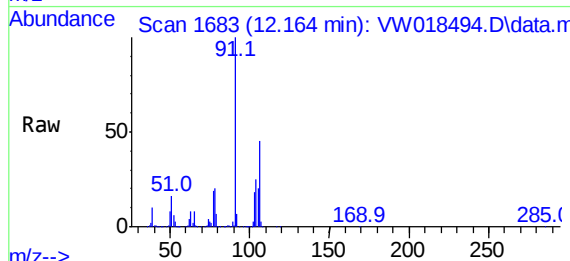




#55
o-xylene
Concen: 25.96 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

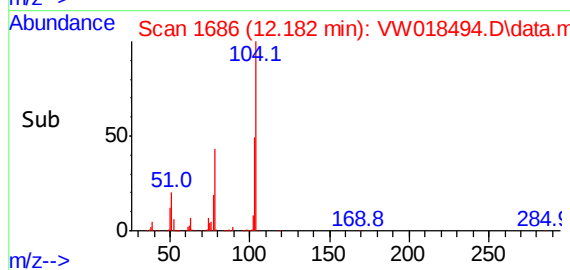
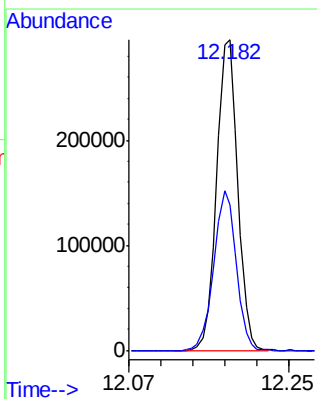
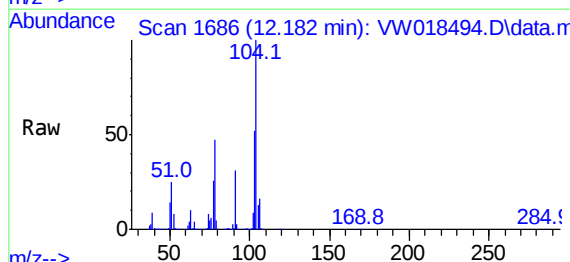
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

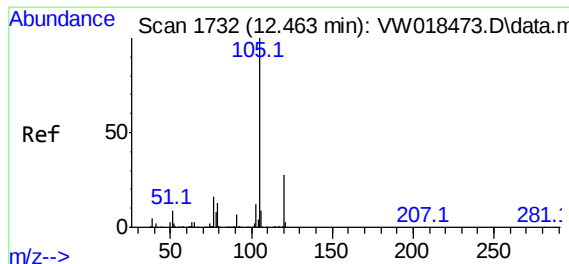
Tgt Ion:106 Resp: 282474
Ion Ratio Lower Upper
106 100
91 220.8 154.3 286.5



#56
Styrene
Concen: 26.04 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion:104 Resp: 483200
Ion Ratio Lower Upper
104 100
78 46.7 34.7 64.5

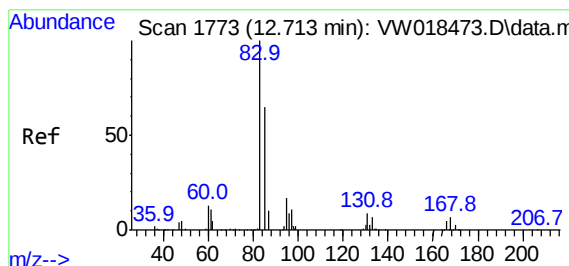
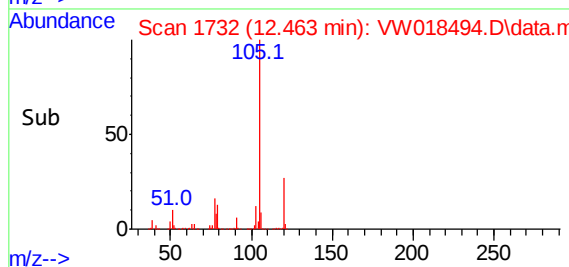
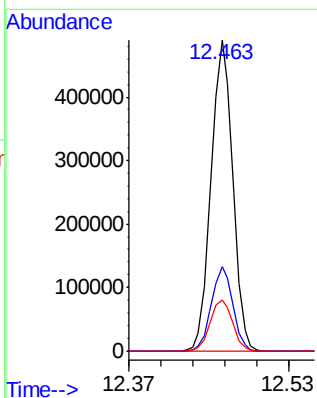
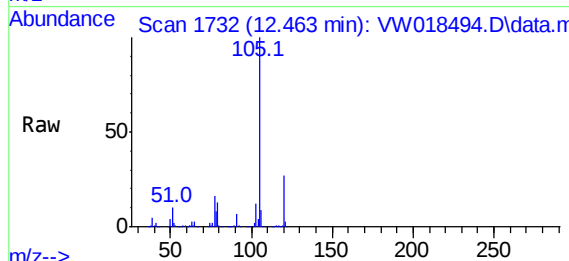




#57
Isopropylbenzene
Concen: 25.70 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

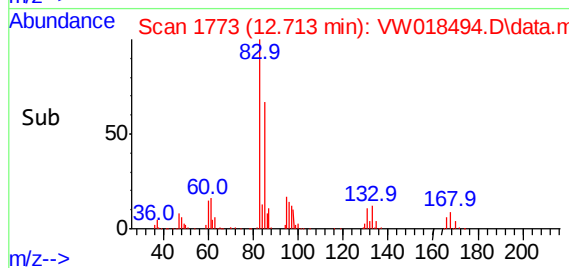
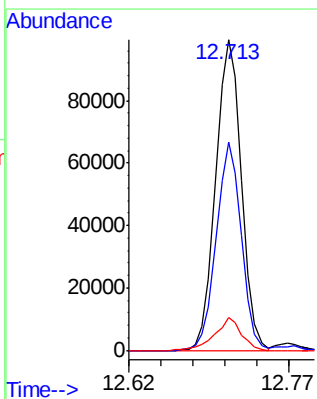
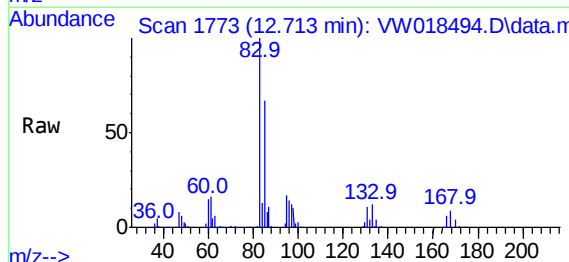
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

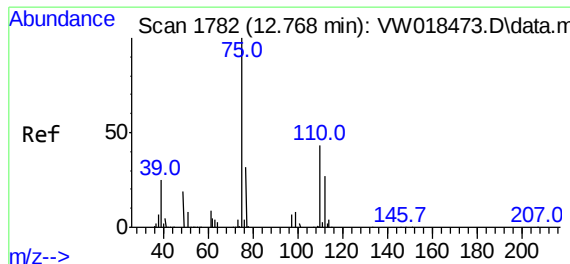
Tgt Ion: 105 Resp: 760593
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.7 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 29.66 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 83 Resp: 163186
Ion Ratio Lower Upper
83 100
85 67.1 49.0 91.0
131 10.7 8.7 13.1

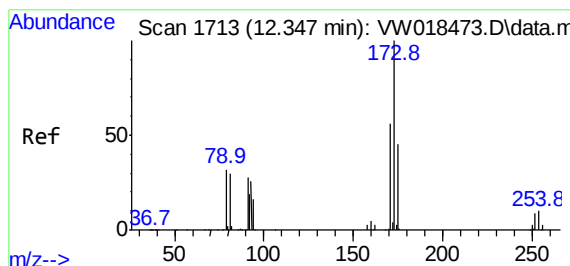
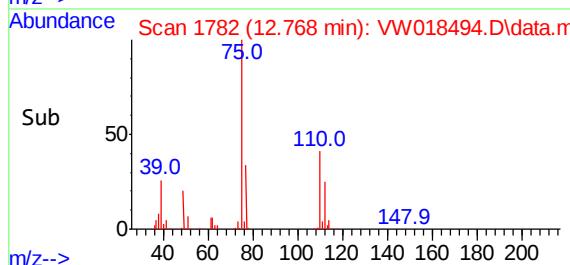
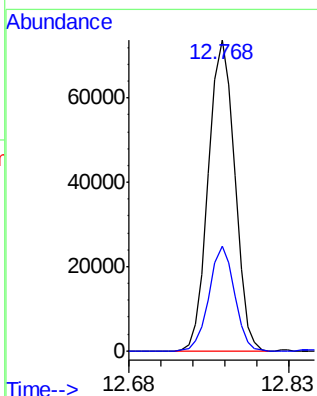
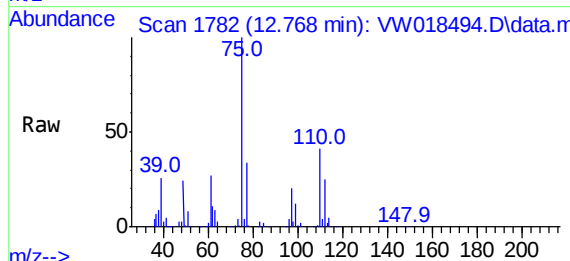




#59
1,2,3-Trichloropropane
Concen: 29.79 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

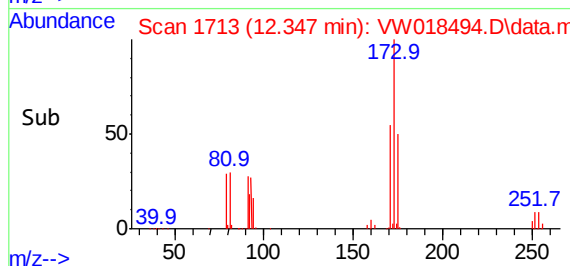
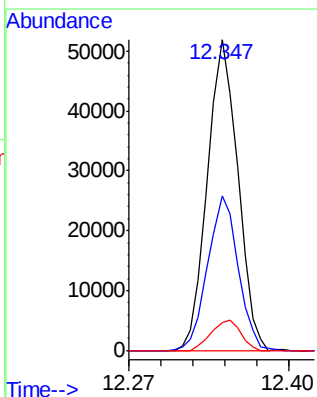
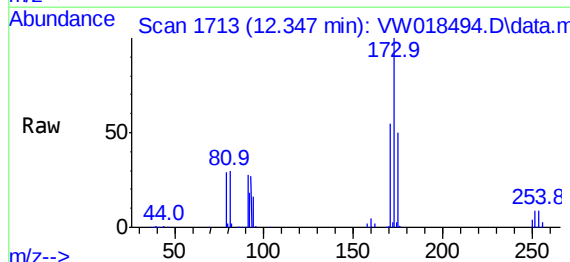
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

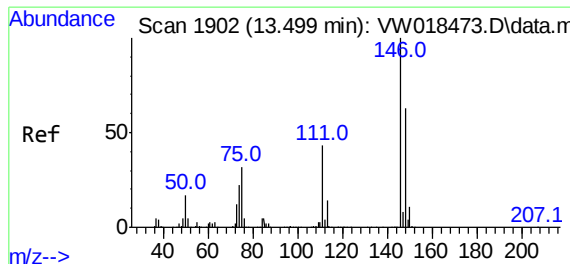
Tgt Ion: 75 Resp: 123718
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4



#62
Bromoform
Concen: 26.63 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 173 Resp: 84494
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.2
254 9.4 6.0 9.0#

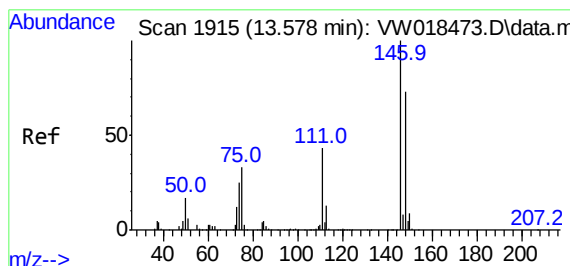
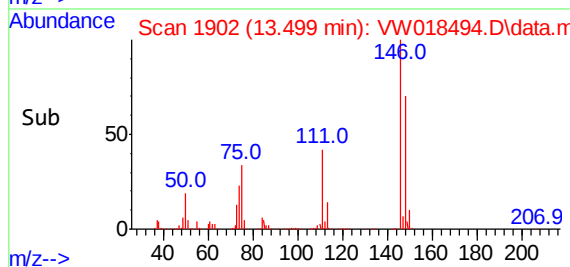
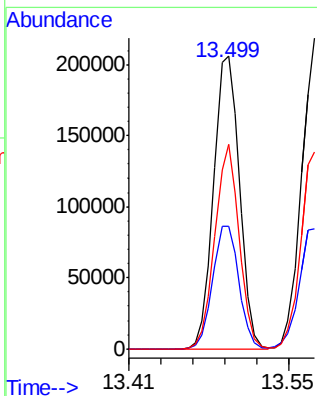
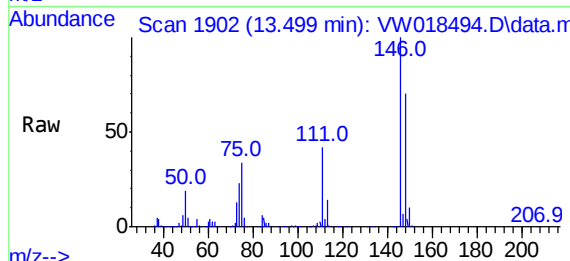




#63
1,3-Dichlorobenzene
Concen: 25.67 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

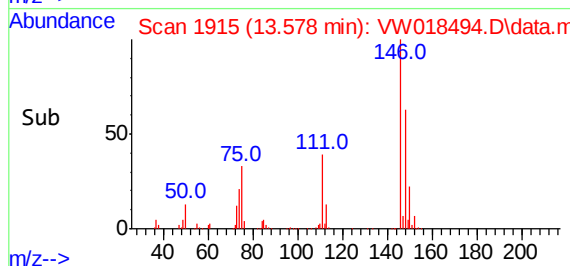
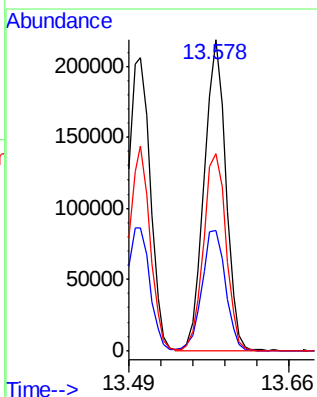
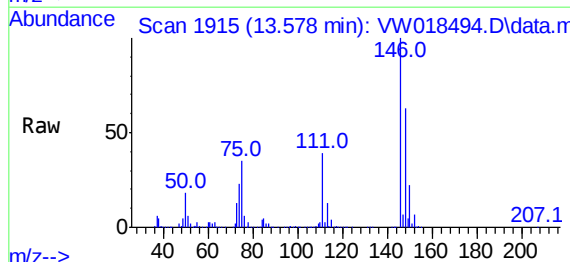
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

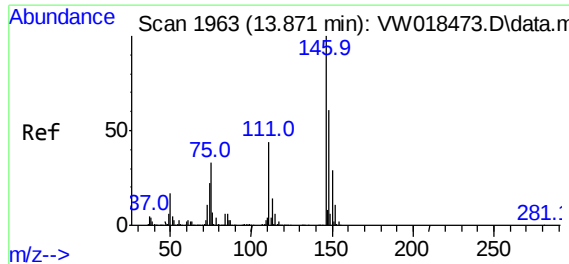
Tgt Ion:146 Resp: 340012
Ion Ratio Lower Upper
146 100
111 42.0 27.5 51.1
148 69.8 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.40 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion:146 Resp: 339376
Ion Ratio Lower Upper
146 100
111 38.5 28.3 52.5
148 63.5 47.3 87.9

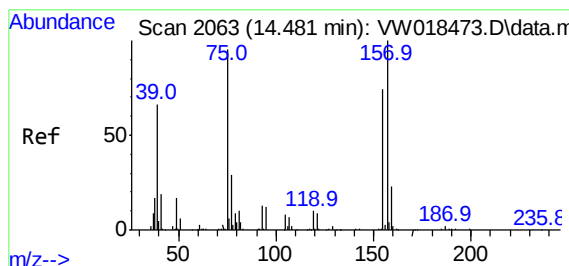
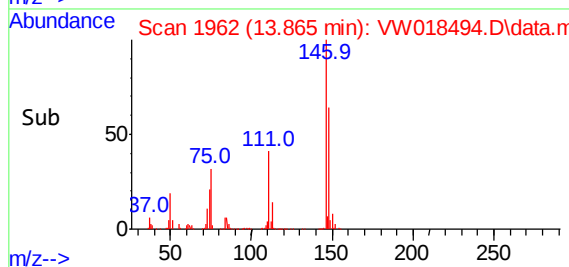
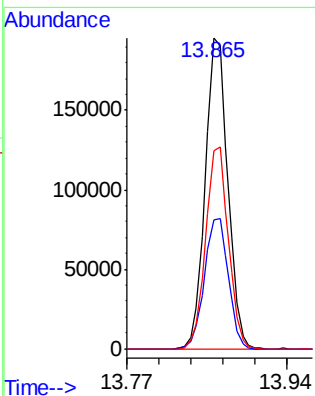
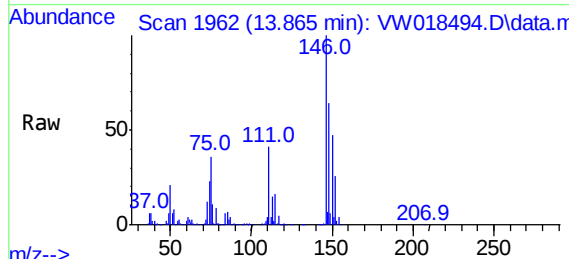




#65
1,2-Dichlorobenzene
Concen: 26.69 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

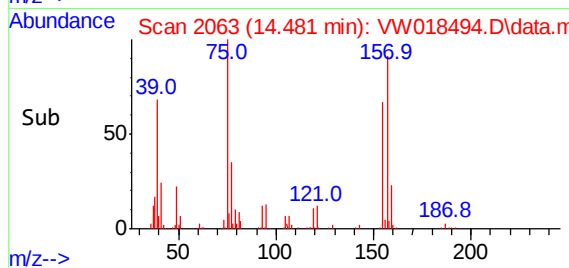
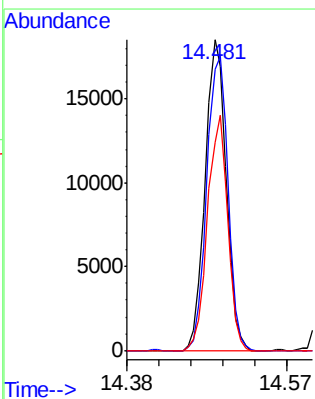
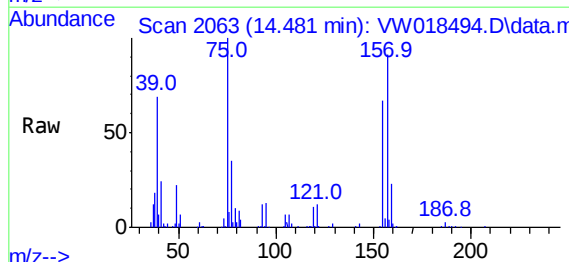
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

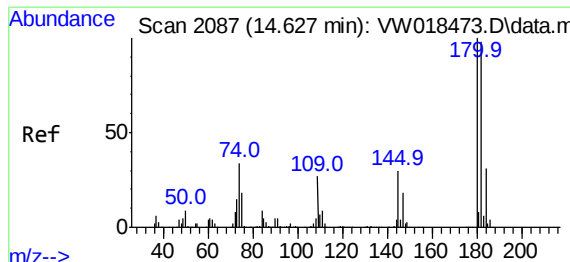
Tgt Ion:146 Resp: 315936
Ion Ratio Lower Upper
146 100
111 41.4 36.0 54.0
148 63.8 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 28.66 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion: 75 Resp: 30660
Ion Ratio Lower Upper
75 100
157 90.7 65.2 97.8
155 67.2 60.1 90.1

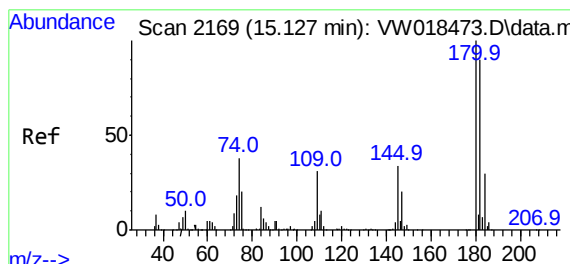
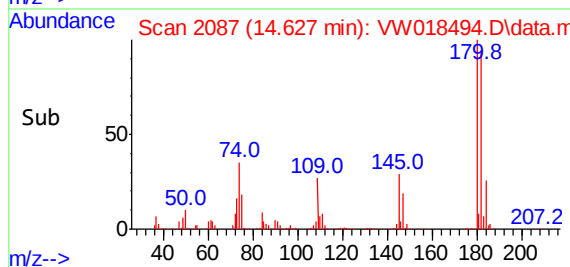
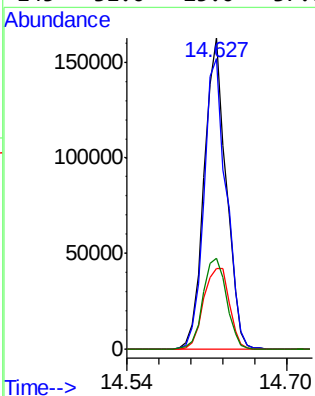
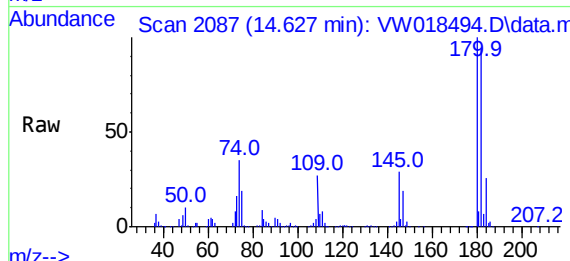




#67
1,3,5-Trichlorobenzene
Concen: 25.37 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

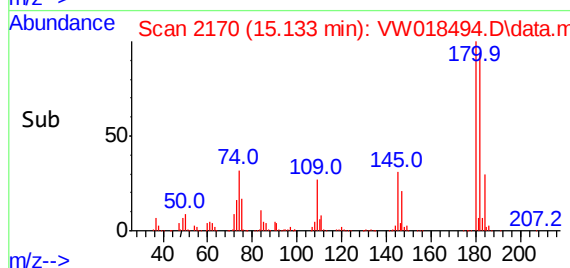
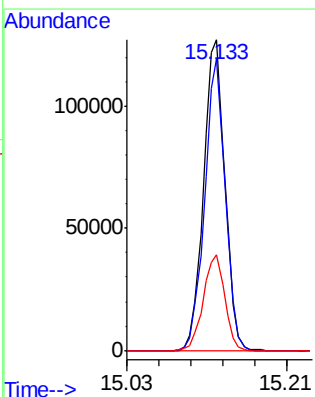
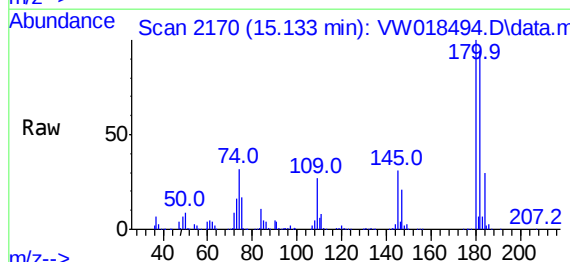
Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

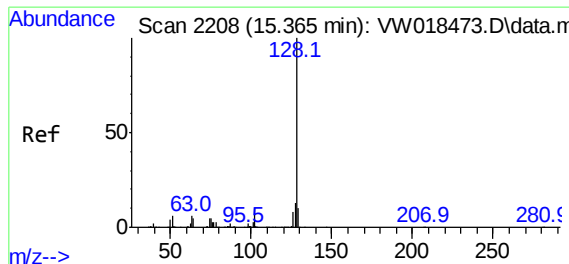
Tgt Ion:180 Resp: 242333
Ion Ratio Lower Upper
180 100
182 95.0 71.8 107.8
184 30.4 23.5 35.3
145 31.0 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 25.84 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion:180 Resp: 210030
Ion Ratio Lower Upper
180 100
182 90.2 70.2 105.4
145 31.0 24.9 37.3

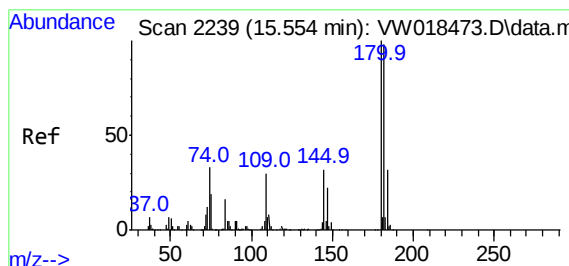
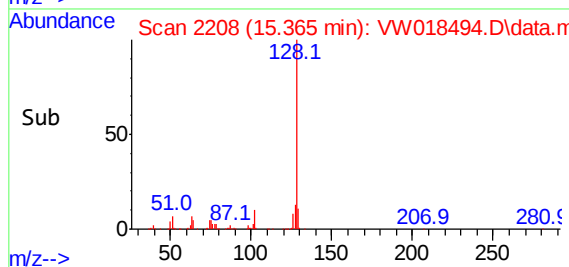
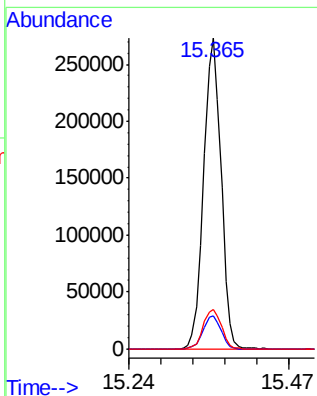
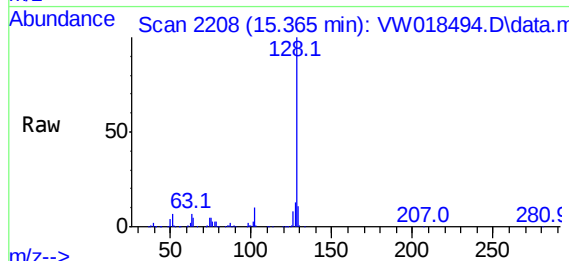




#69
Naphthalene
Concen: 27.83 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD02519

Tgt Ion:128 Resp: 470977
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.3 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 27.70 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018494.D
Acq: 29 Mar 2021 18:30

Tgt Ion:180 Resp: 196423
Ion Ratio Lower Upper
180 100
182 94.4 76.5 114.7
145 32.1 27.7 41.5

