

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
 Data File : VW018418.D
 Acq On : 22 Mar 2021 15:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Mar 23 01:17:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 01:15:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	529467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	494281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	244219	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	184671	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.24%
7) Chloroethane-d5	2.892	69	170135	26.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.52%
10) 1,1-Dichloroethene-d2	4.025	63	323543	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.72%
20) 2-Butanone-d5	7.074	46	76802	46.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.64%
24) Chloroform-d	7.647	84	336164	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.305	65	195204	24.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.20%
29) Benzene-d6	8.275	84	634103	24.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.52%
33) 1,2-Dichloropropane-d6	9.274	67	186043	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.323	98	621754	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.28%
38) trans-1,3-Dichloroprop...	10.573	79	94403	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.60%
39) 2-Hexanone-d5	10.921	63	66269	44.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.36%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	167684	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.92%
61) 1,2-Dichlorobenzene-d4	13.853	152	215164	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	156701	25.77	ug/L	99
3) Chloromethane	2.221	50	188494	24.59	ug/L	96
5) Vinyl chloride	2.367	62	271716	26.99	ug/L	100
6) Bromomethane	2.782	94	203900	28.05	ug/L	99
8) Chloroethane	2.928	64	172234	27.44	ug/L	94
9) Trichlorofluoromethane	3.263	101	134142	26.49	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	177661	27.28	ug/L	97
12) 1,1-Dichloroethene	4.044	96	175321	26.38	ug/L	96
13) Acetone	4.129	43	53224	45.17	ug/L	99
14) Carbon disulfide	4.385	76	530347	26.50	ug/L	99
15) Methyl Acetate	4.666	43	67868	25.18	ug/L	97
16) Methylene chloride	4.916	84	187906	21.64	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	242256	24.95	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	191110	26.05	ug/L	95
19) 1,1-Dichloroethane	6.214	63	328166	26.21	ug/L	98
21) 2-Butanone	7.171	43	86363	46.13	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	199463	25.85	ug/L	96
23) Bromochloromethane	7.507	128	88839	26.01	ug/L	91
25) Chloroform	7.677	83	347573	26.16	ug/L	100
27) 1,2-Dichloroethane	8.397	62	252417	26.78	ug/L	100

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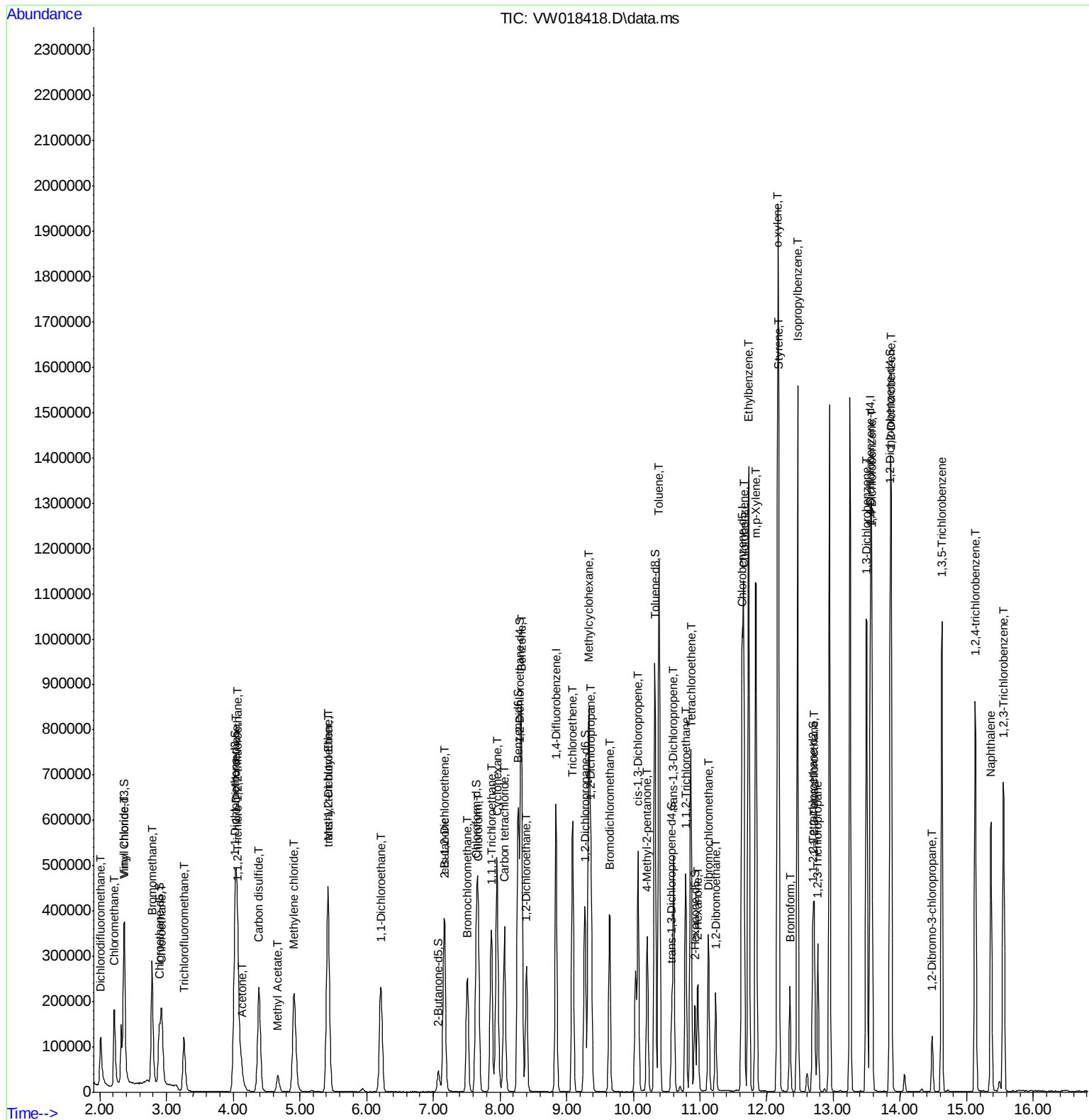
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	299851	25.55	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	283506	25.66	ug/L	97
32) Carbon tetrachloride	8.067	117	270234	26.25	ug/L	99
34) Benzene	8.323	78	746339	26.07	ug/L	100
35) Trichloroethene	9.092	95	203336	25.71	ug/L	100
36) Methylcyclohexane	9.335	83	361957	26.14	ug/L	98
40) 1,2-Dichloropropane	9.366	63	179175	25.59	ug/L	98
41) Bromodichloromethane	9.640	83	260343	26.30	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	306141	25.85	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	201344	47.81	ug/L	97
44) Toluene	10.384	91	850085	26.12	ug/L	97
45) trans-1,3-Dichloropropene	10.604	75	277156	26.07	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	144555	25.89	ug/L	97
47) Tetrachloroethene	10.866	164	161559	26.90	ug/L	91
49) 2-Hexanone	10.969	43	141305	47.42	ug/L	98
50) Dibromochloromethane	11.128	129	170182	25.85	ug/L	93
51) 1,2-Dibromoethane	11.238	107	142394	25.75	ug/L	96
52) Chlorobenzene	11.658	112	537570	26.05	ug/L	96
53) Ethylbenzene	11.731	91	955917	26.05	ug/L	100
54) m,p-Xylene	11.841	106	361032	25.75	ug/L	100
55) o-xylene	12.164	106	354535	26.52	ug/L	97
56) Styrene	12.183	104	597936	26.23	ug/L	96
57) Isopropylbenzene	12.463	105	958234	26.36	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	174160	25.77	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	130183	25.52	ug/L	98
62) Bromoform	12.347	173	96456	25.76	ug/L #	95
63) 1,3-Dichlorobenzene	13.493	146	406370	26.00	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	411727	26.10	ug/L	93
65) 1,2-Dichlorobenzene	13.865	146	374061	26.78	ug/L	93
66) 1,2-Dibromo-3-chloropr...	14.481	75	31143	24.67	ug/L	89
67) 1,3,5-Trichlorobenzene	14.627	180	285419	25.32	ug/L	92
68) 1,2,4-trichlorobenzene	15.127	180	259148	27.02	ug/L	96
69) Naphthalene	15.365	128	511827	25.63	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	217691	26.01	ug/L	98

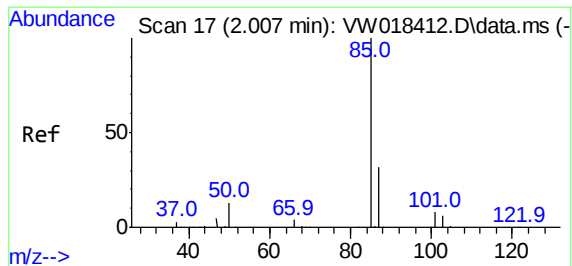
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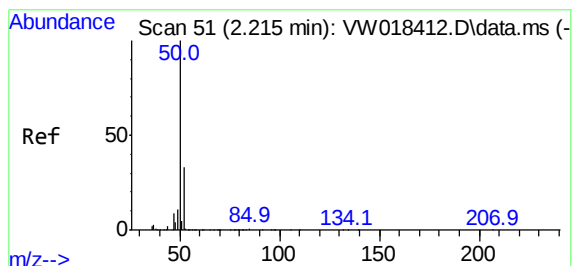
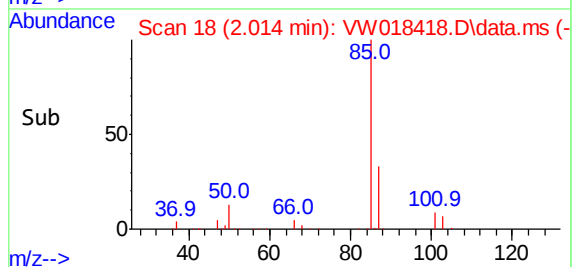
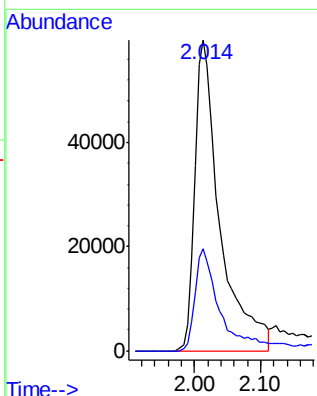
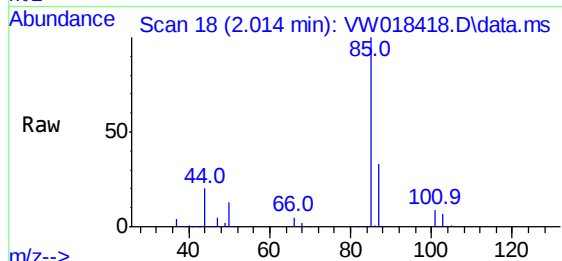




#2
Dichlorodifluoromethane
Concen: 25.77 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

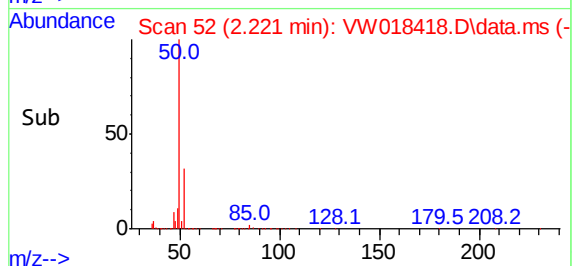
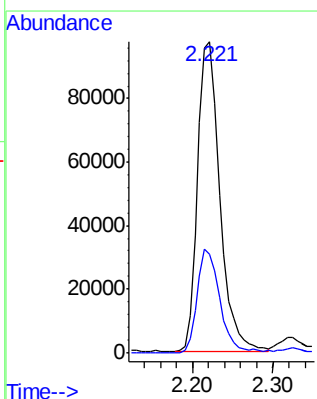
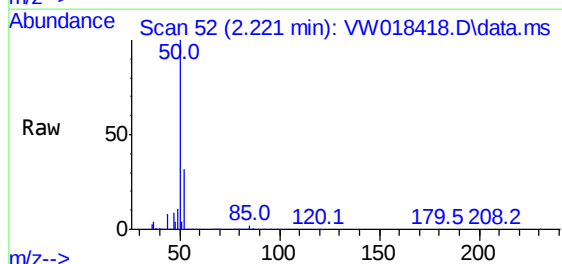
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

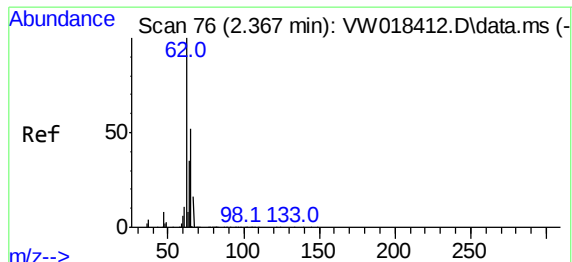
Tgt Ion: 85 Resp: 156701
Ion Ratio Lower Upper
85 100
87 32.5 22.2 41.2



#3
Chloromethane
Concen: 24.59 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 50 Resp: 188494
Ion Ratio Lower Upper
50 100
52 31.8 23.7 43.9

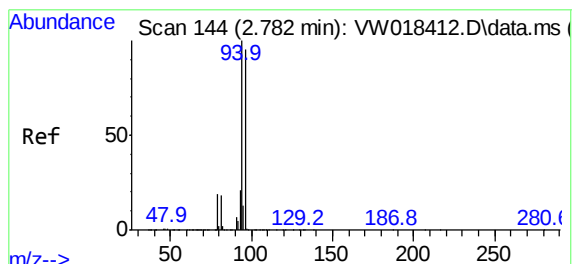
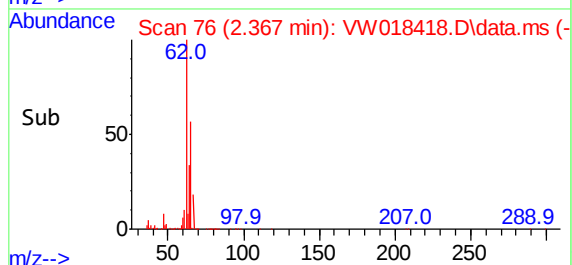
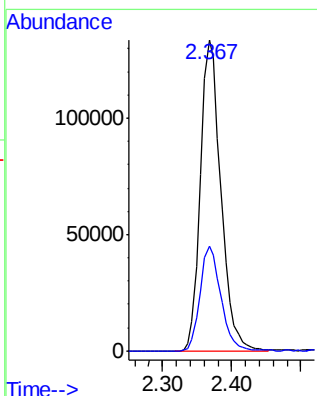
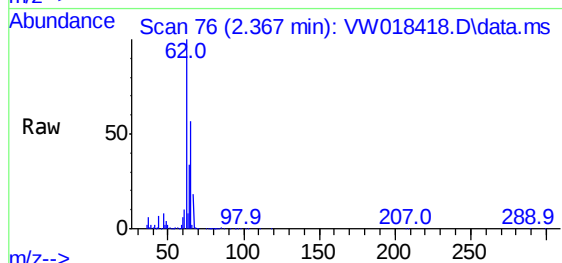




#5
 Vinyl chloride
 Concen: 26.99 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

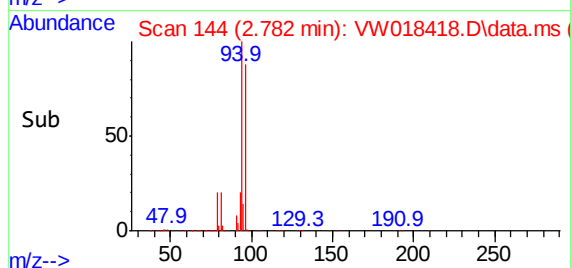
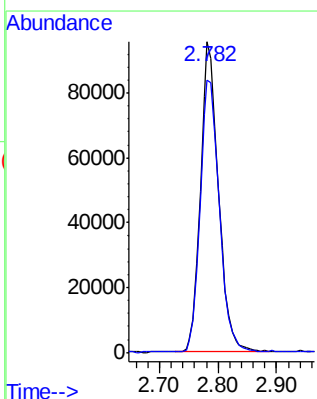
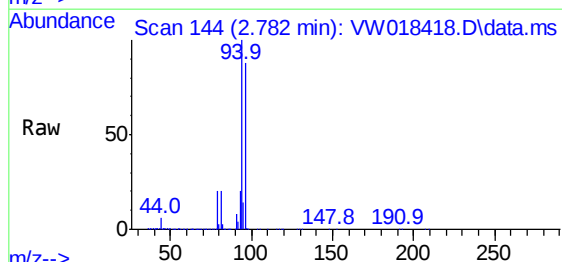
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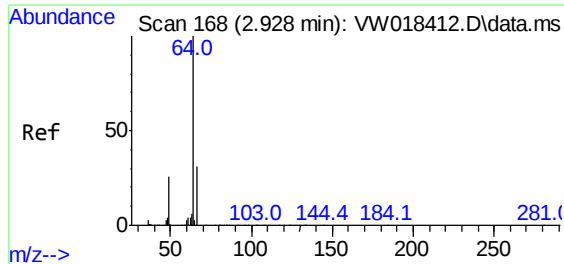
Tgt Ion: 62 Resp: 271716
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.5 43.7



#6
 Bromomethane
 Concen: 28.05 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Tgt Ion: 94 Resp: 203900
 Ion Ratio Lower Upper
 94 100
 96 93.4 9.4 179.4

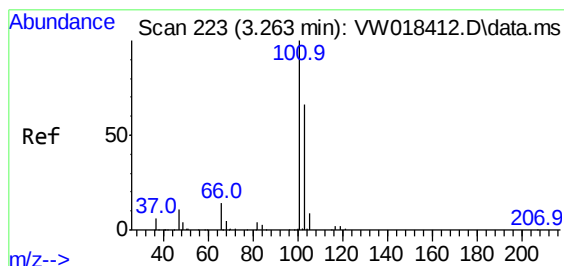
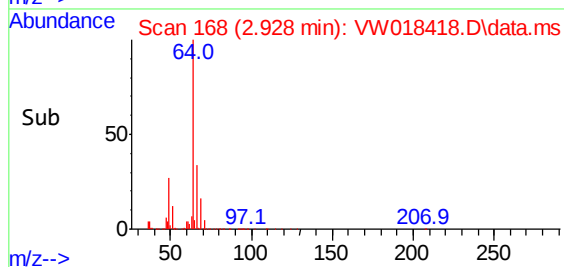
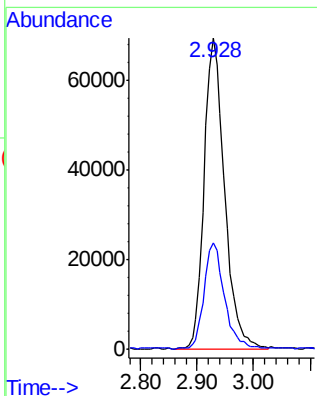
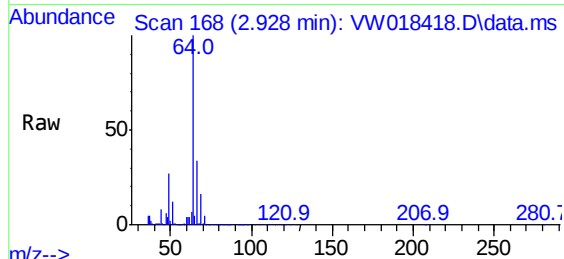




#8
Chloroethane
Concen: 27.44 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

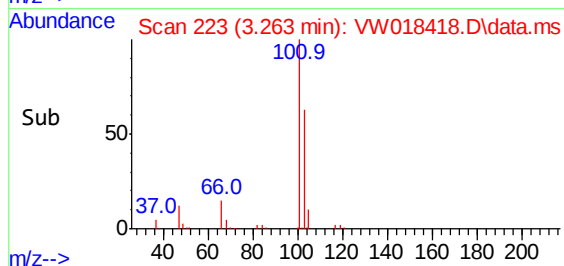
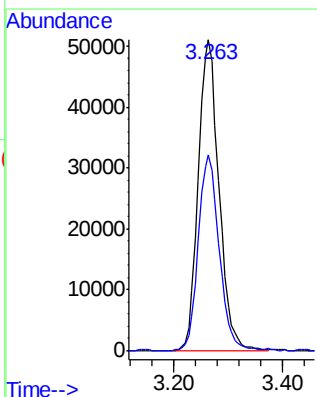
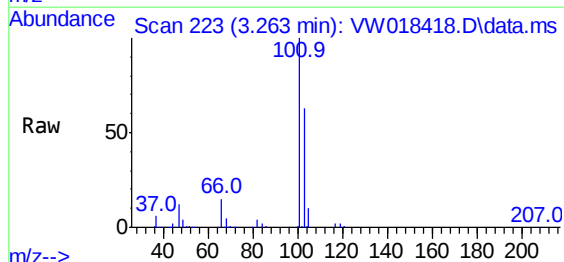
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

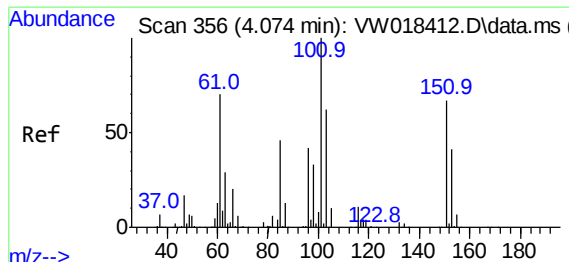
Tgt Ion: 64 Resp: 172234
Ion Ratio Lower Upper
64 100
66 33.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.49 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 101 Resp: 134142
Ion Ratio Lower Upper
101 100
103 63.3 45.6 84.8



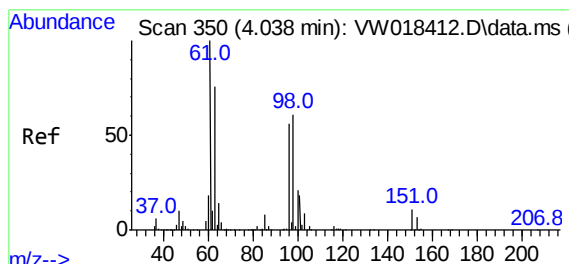
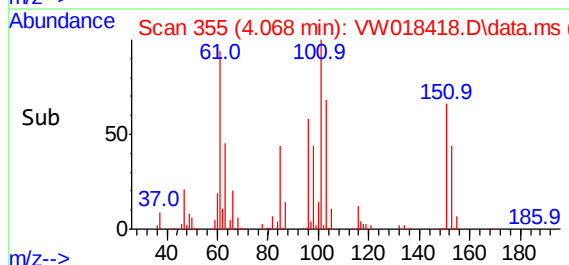
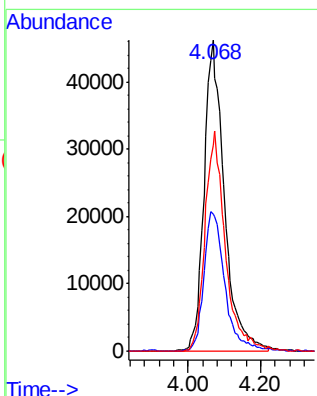
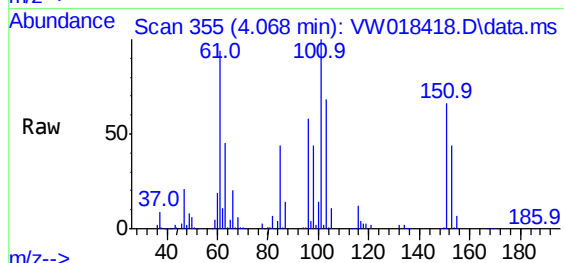


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.28 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 177661

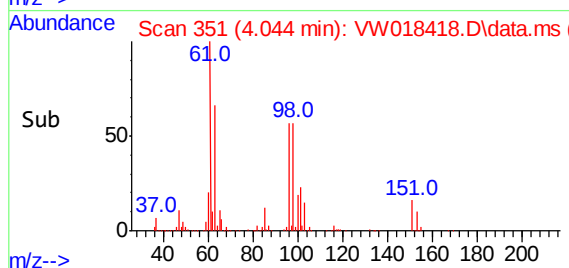
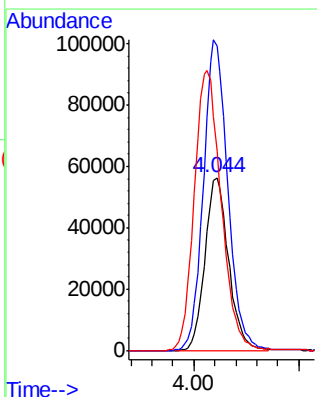
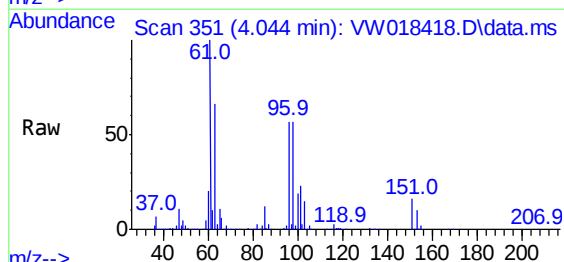
Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.6	53.4
151	68.7	58.1	87.1

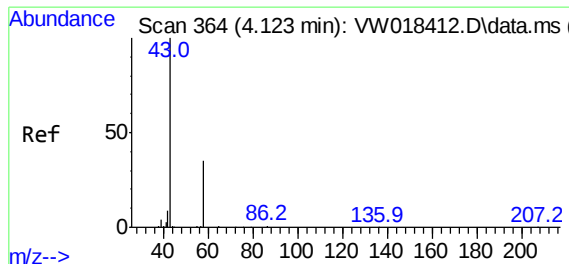


#12
 1,1-Dichloroethene
 Concen: 26.38 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Tgt Ion: 96 Resp: 175321

Ion	Ratio	Lower	Upper
96	100		
61	176.2	118.6	220.2
63	115.5	82.4	153.0

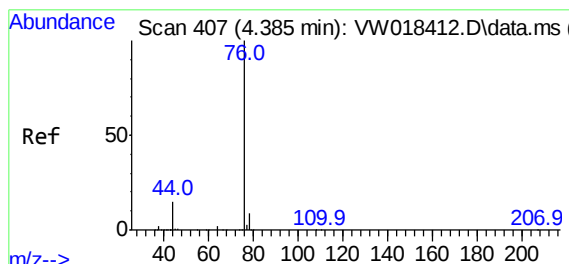
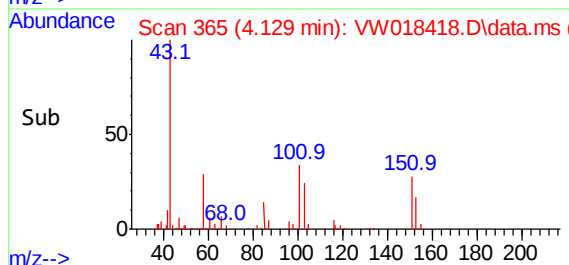
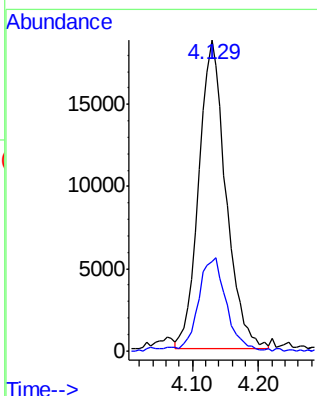
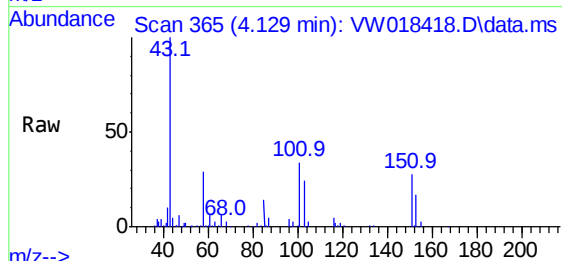




#13
Acetone
Concen: 45.17 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

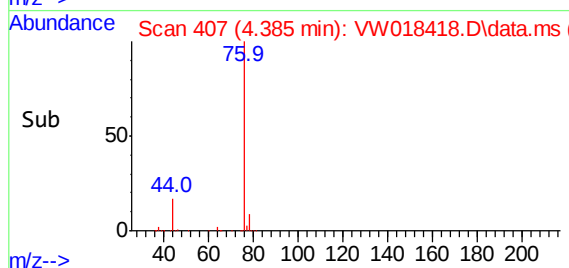
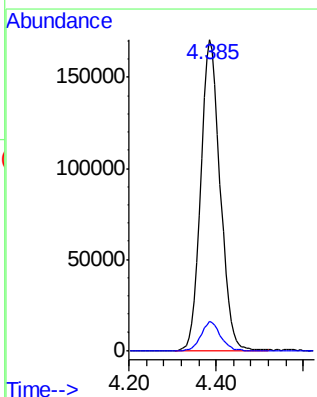
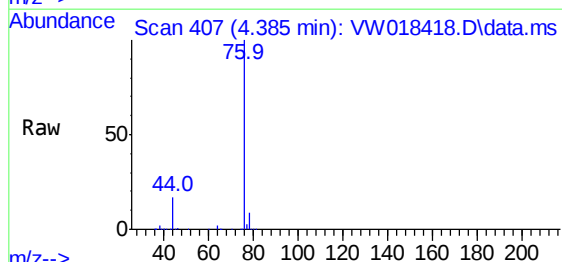
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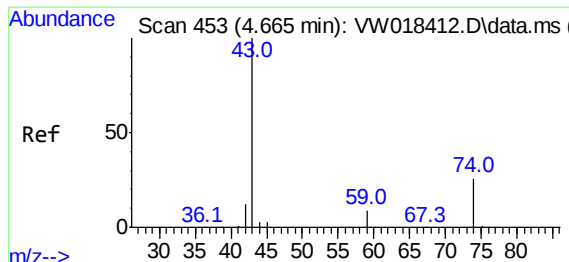
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Ion Ratio Lower Upper
43 100
58 30.5 0.0 62.2



#14
Carbon disulfide
Concen: 26.50 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018418.D
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Tgt Ion: 76 Resp: 530347
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

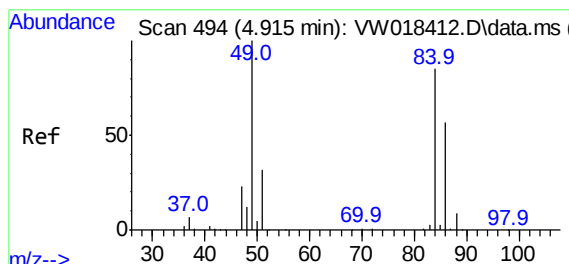
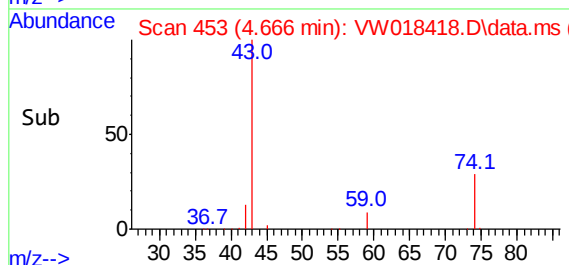
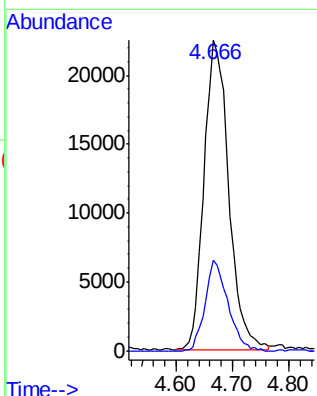
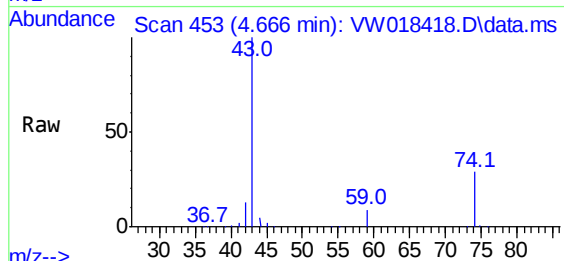




#15
Methyl Acetate
Concen: 25.18 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

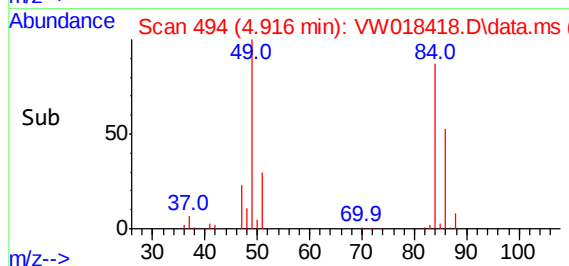
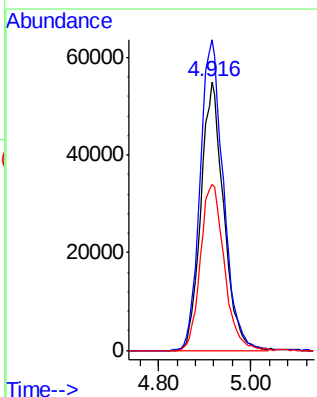
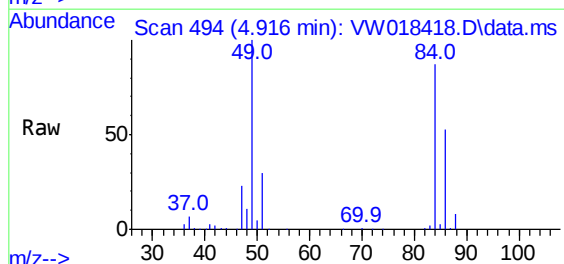
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

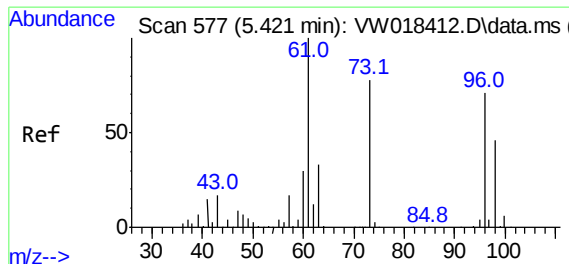
Tgt Ion: 43 Resp: 67868
Ion Ratio Lower Upper
43 100
74 26.9 22.9 34.3



#16
Methylene chloride
Concen: 21.64 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 84 Resp: 187906
Ion Ratio Lower Upper
84 100
49 115.6 74.4 138.2
86 61.6 46.1 85.7



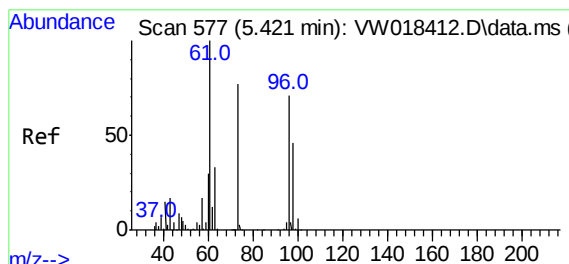
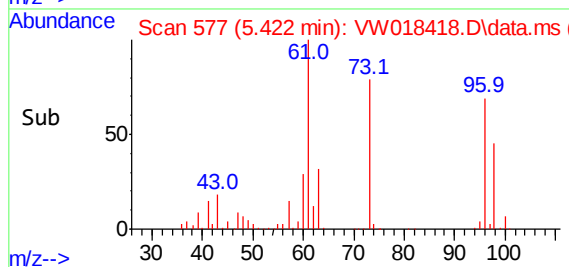
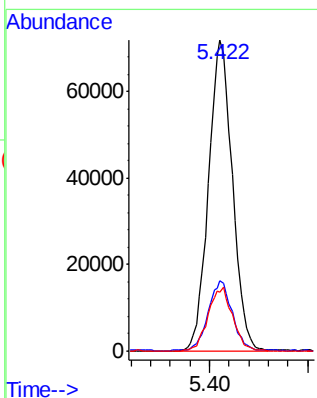
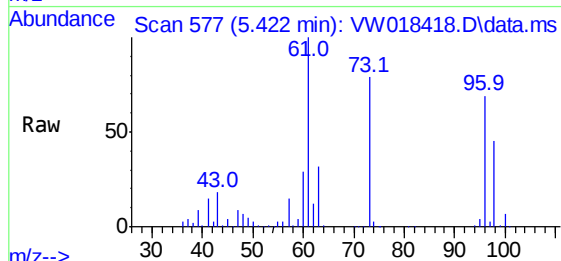


#17
Methyl tert-butyl Ether
Concen: 24.95 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion: 73 Resp: 242256

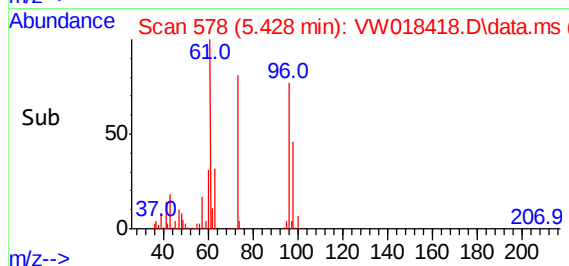
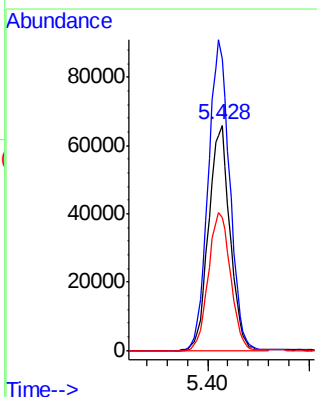
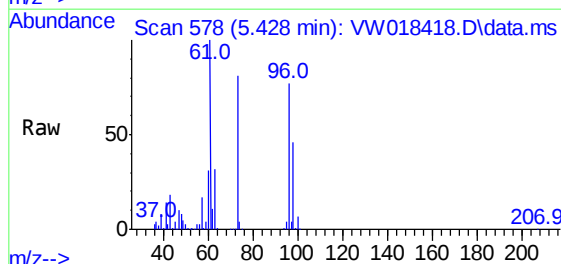
Ion	Ratio	Lower	Upper
73	100		
43	22.7	16.6	24.8
57	20.7	15.9	23.9

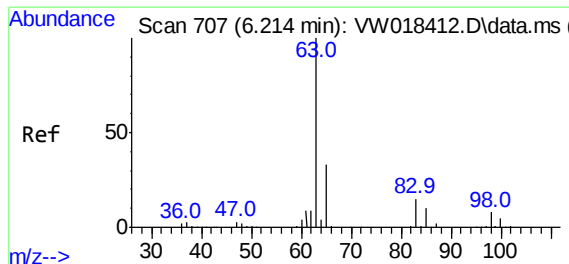


#18
trans-1,2-Dichloroethene
Concen: 26.05 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 96 Resp: 191110

Ion	Ratio	Lower	Upper
96	100		
61	129.3	93.3	173.3
98	59.0	45.2	84.0



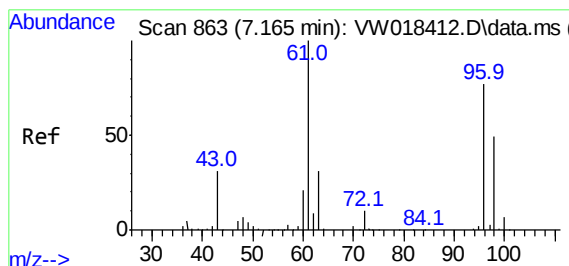
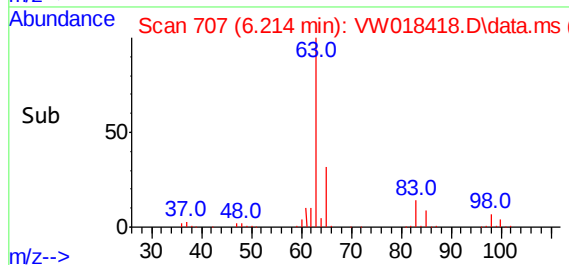
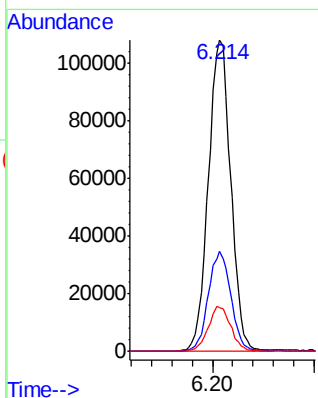
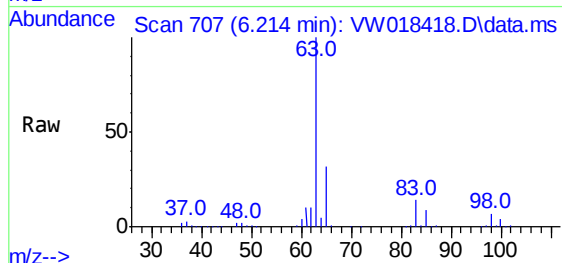


#19
 1,1-Dichloroethane
 Concen: 26.21 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Tgt Ion: 63 Resp: 328166

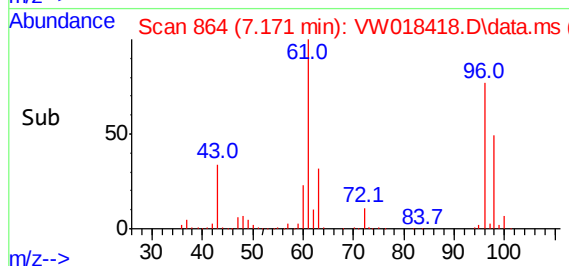
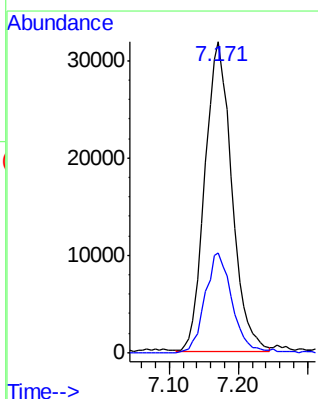
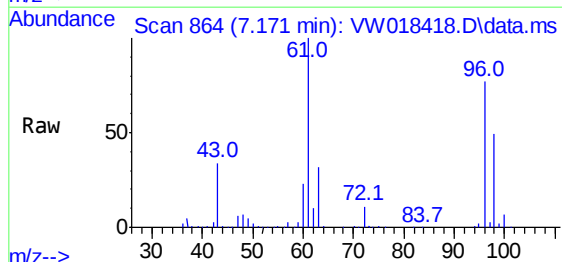
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.5	43.7
83	14.0	10.3	19.1

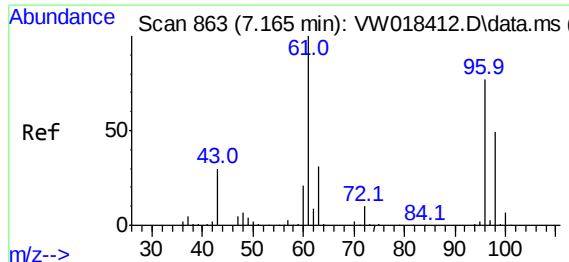


#21
 2-Butanone
 Concen: 46.13 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Tgt Ion: 43 Resp: 86363

Ion	Ratio	Lower	Upper
43	100		
72	31.9	16.5	49.5



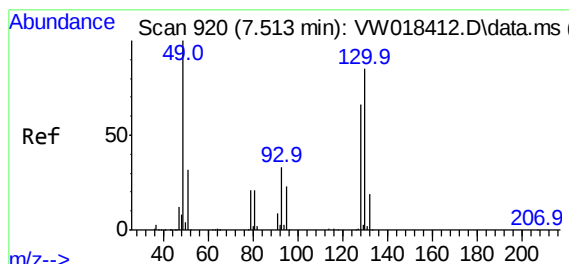
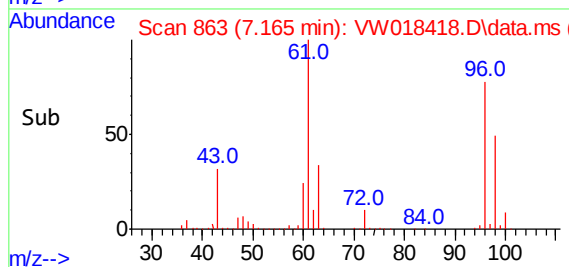
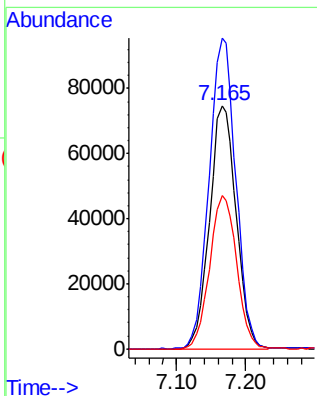
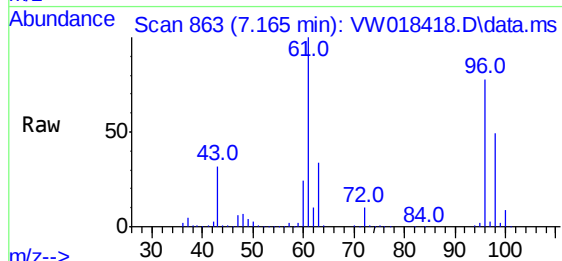


#22
 cis-1,2-Dichloroethene
 Concen: 25.85 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Tgt Ion: 96 Resp: 199463

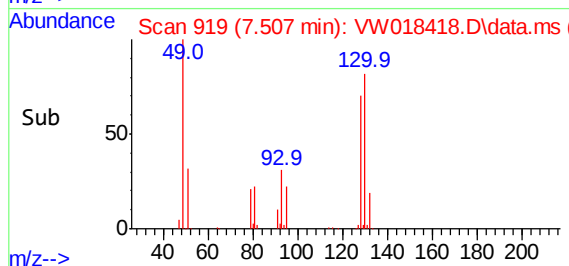
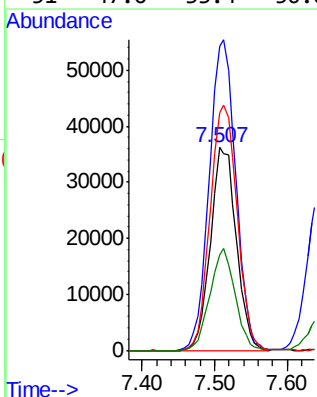
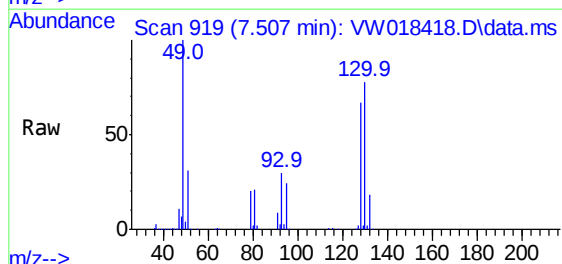
Ion	Ratio	Lower	Upper
96	100		
61	127.9	84.8	157.6
98	63.3	45.1	83.9

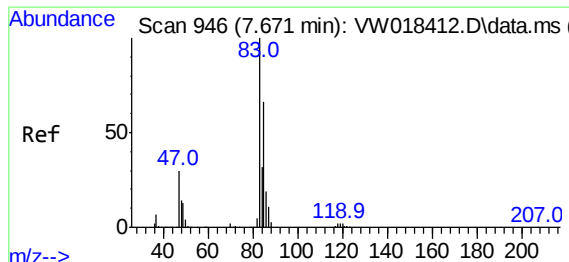


#23
 Bromochloromethane
 Concen: 26.01 ug/L
 RT: 7.507 min Scan# 919
 Delta R.T. -0.006 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Tgt Ion: 128 Resp: 88839

Ion	Ratio	Lower	Upper
128	100		
49	150.1	92.4	171.6
130	117.5	83.9	155.7
51	47.0	33.4	50.0

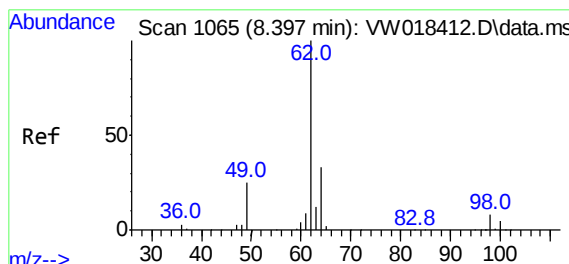
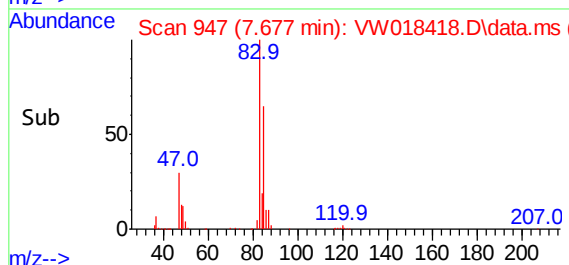
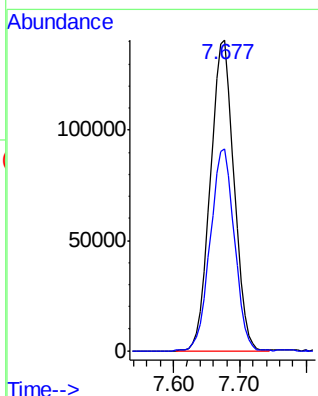
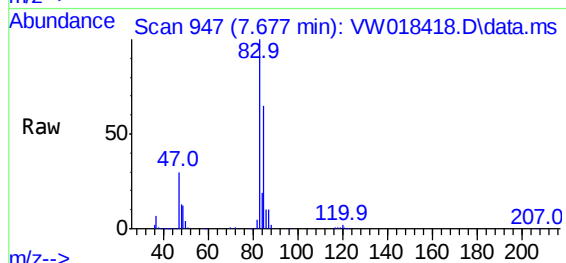




#25
Chloroform
Concen: 26.16 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

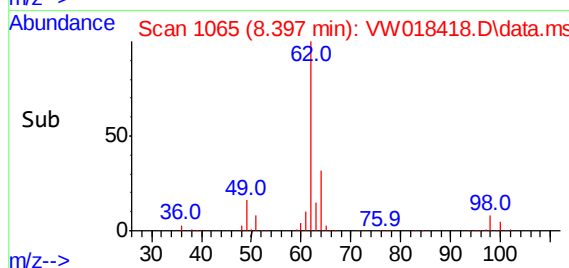
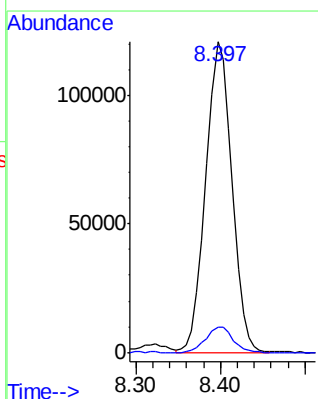
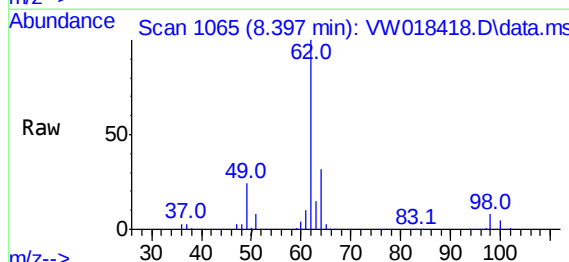
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

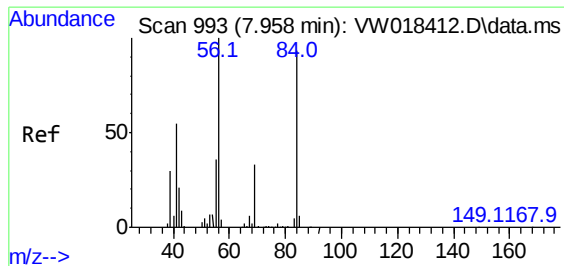
Tgt Ion: 83 Resp: 347573
Ion Ratio Lower Upper
83 100
85 66.4 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.78 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 62 Resp: 252417
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6



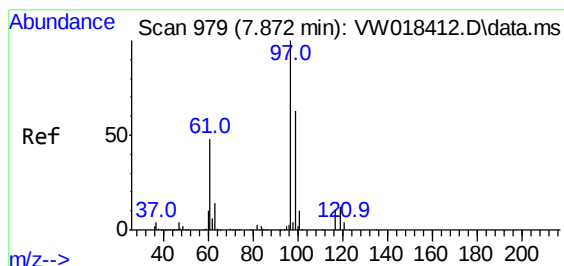
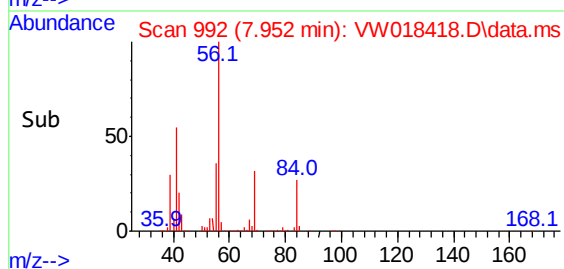
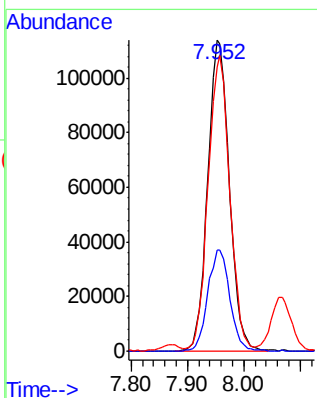
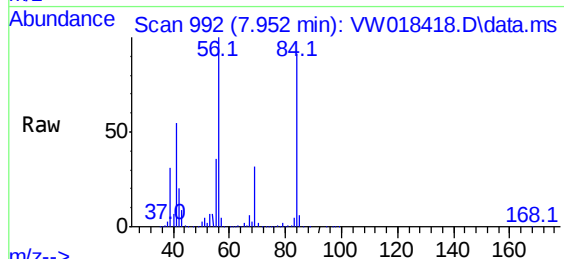


#30
Cyclohexane
Concen: 25.55 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion: 56 Resp: 299851

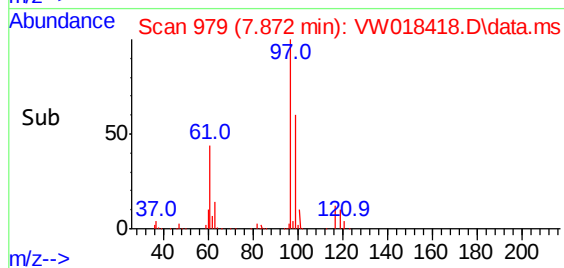
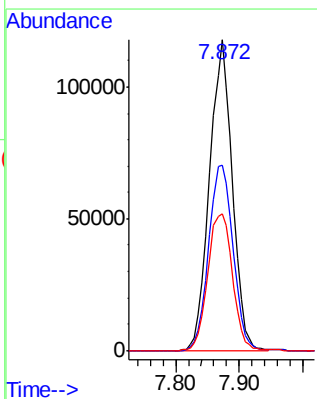
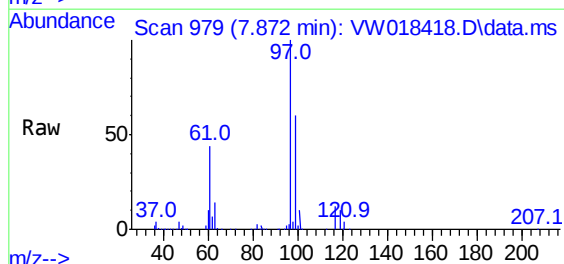
Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.0	40.6
84	95.3	79.9	119.9

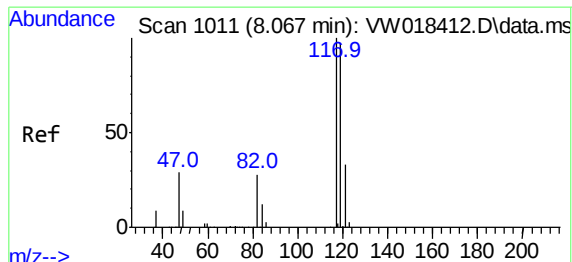


#31
1,1,1-Trichloroethane
Concen: 25.66 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 97 Resp: 283506

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	47.8	34.8	52.2

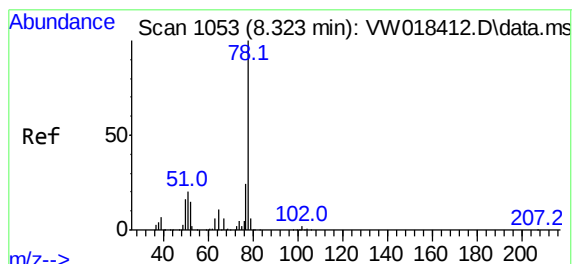
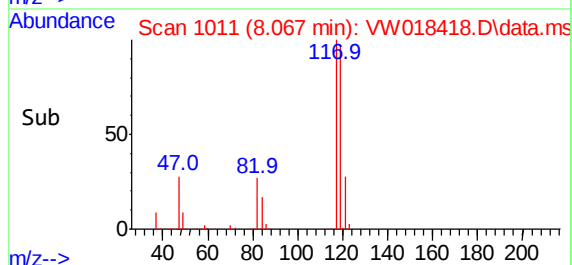
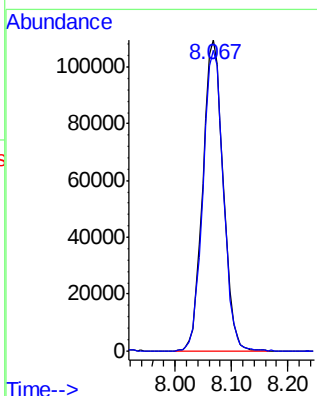
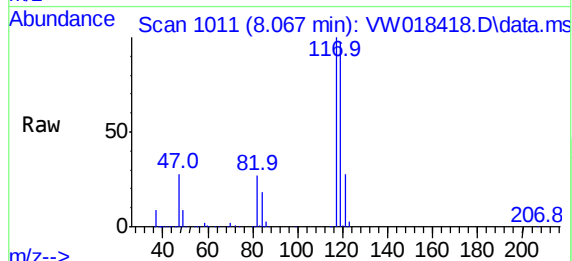




#32
Carbon tetrachloride
Concen: 26.25 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

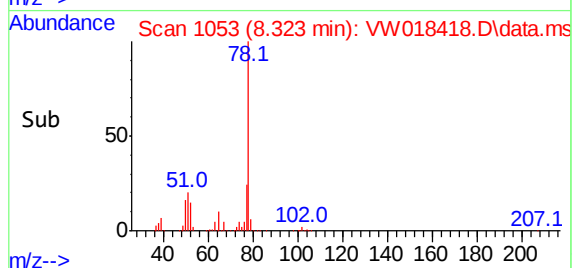
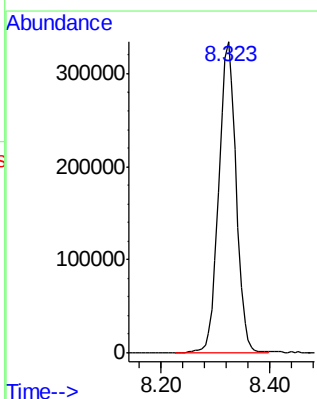
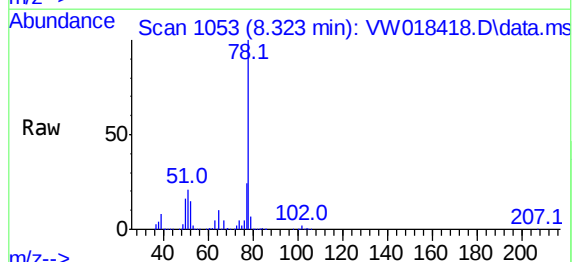
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

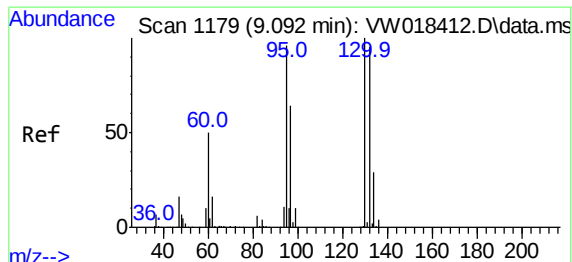
Tgt Ion:117 Resp: 270234
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1



#34
Benzene
Concen: 26.07 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 78 Resp: 746339

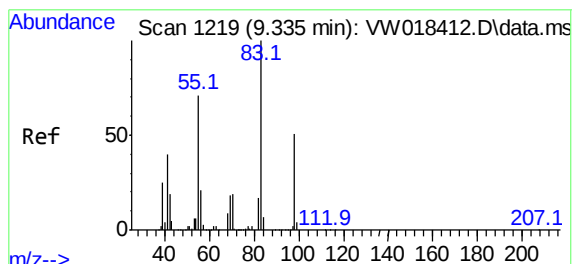
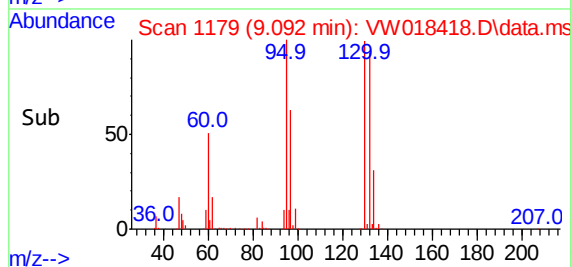
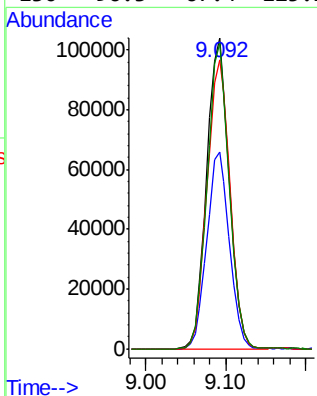
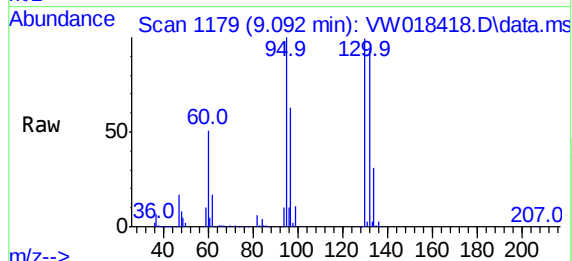




#35
Trichloroethene
Concen: 25.71 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

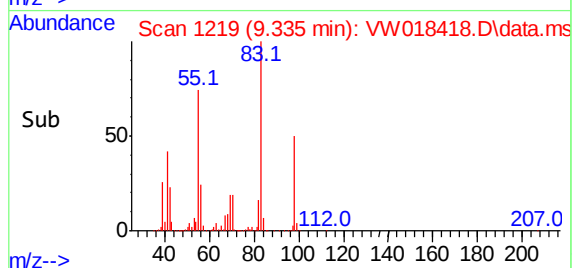
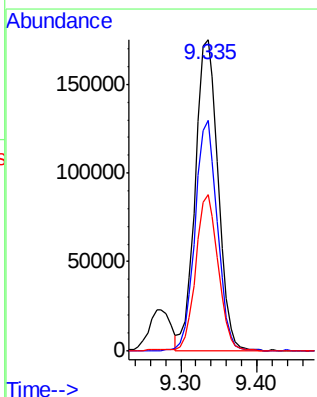
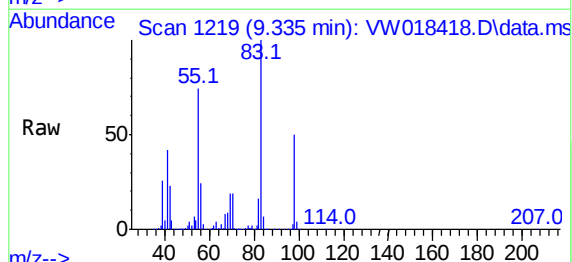
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

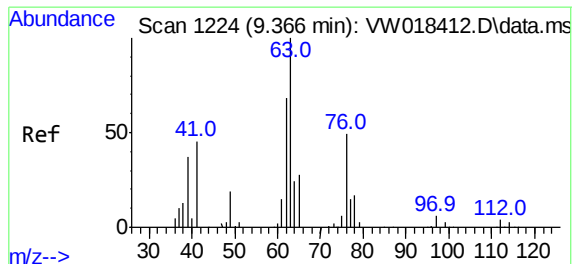
Tgt Ion: 95 Resp: 203336
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 94.9 65.9 122.5
130 96.3 67.4 125.2



#36
Methylcyclohexane
Concen: 26.14 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 83 Resp: 361957
Ion Ratio Lower Upper
83 100
55 72.2 56.8 85.2
98 49.1 40.6 61.0

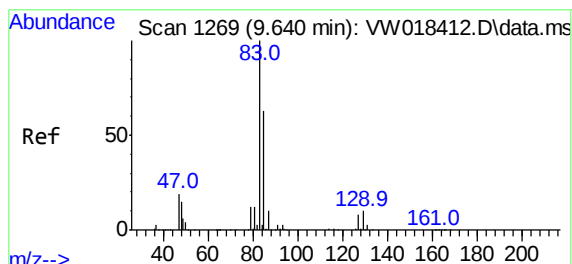
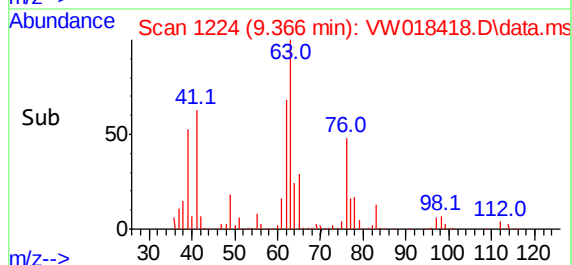
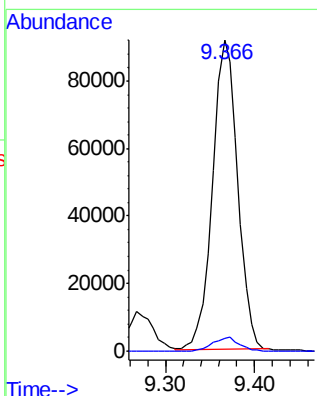
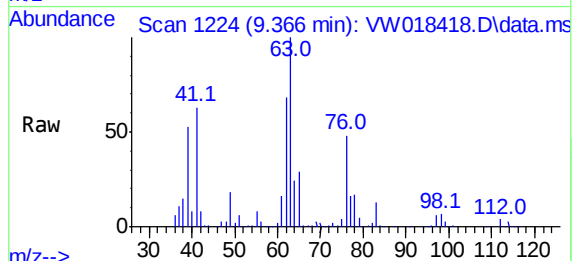




#40
1,2-Dichloropropane
Concen: 25.59 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

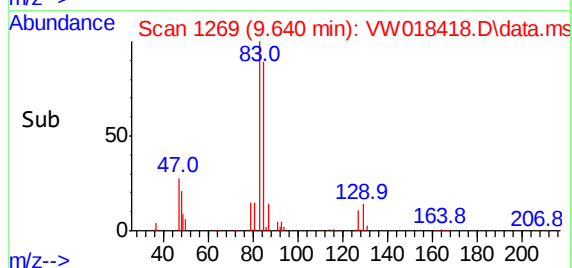
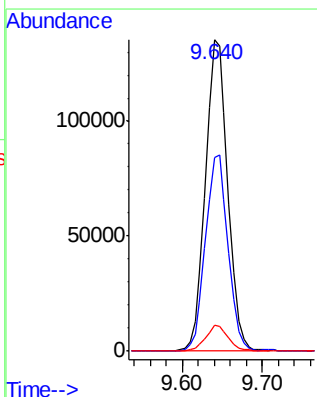
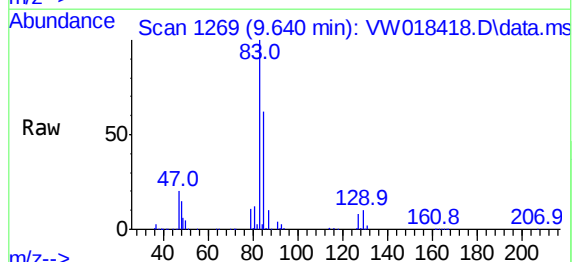
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

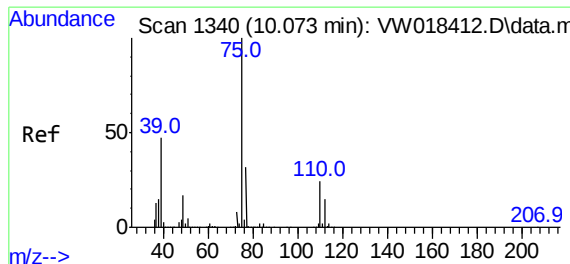
Tgt Ion: 63 Resp: 179175
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 26.30 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 83 Resp: 260343
Ion Ratio Lower Upper
83 100
85 62.1 43.8 81.4
127 7.9 6.9 10.3

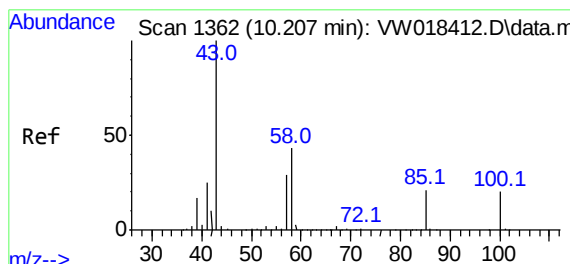
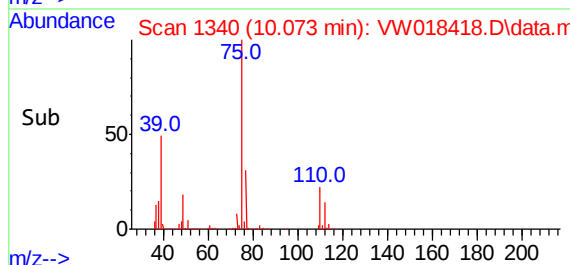
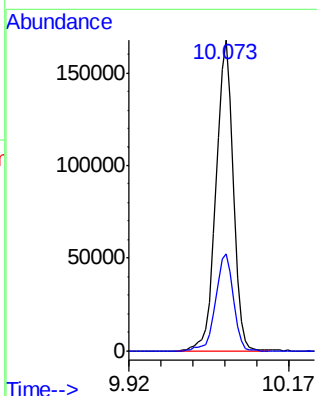
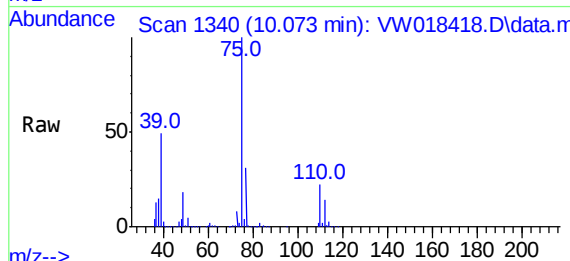




#42
cis-1,3-Dichloropropene
Concen: 25.85 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

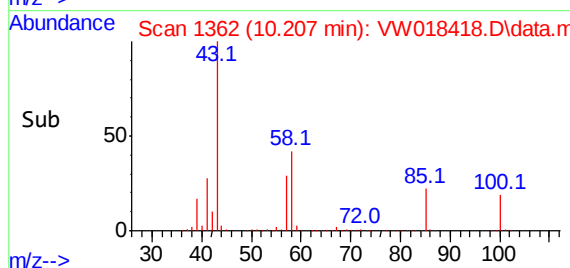
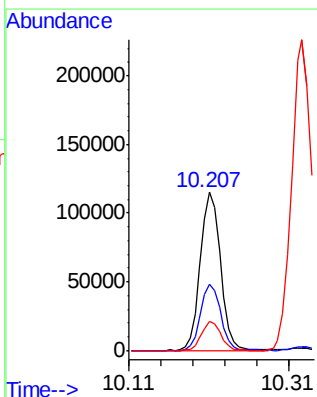
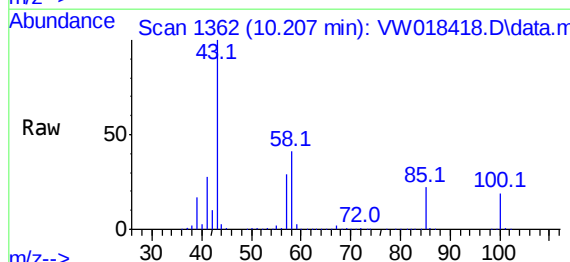
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

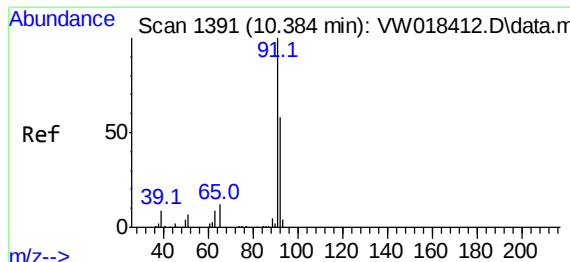
Tgt Ion: 75 Resp: 306141
Ion Ratio Lower Upper
75 100
77 31.4 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 47.81 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 43 Resp: 201344
Ion Ratio Lower Upper
43 100
58 41.9 34.8 52.2
100 17.8 15.9 23.9





#44

Toluene

Concen: 26.12 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW018418.D

Acq: 22 Mar 2021 15:24

Tgt Ion: 91 Resp: 850085

Ion Ratio Lower Upper

91 100

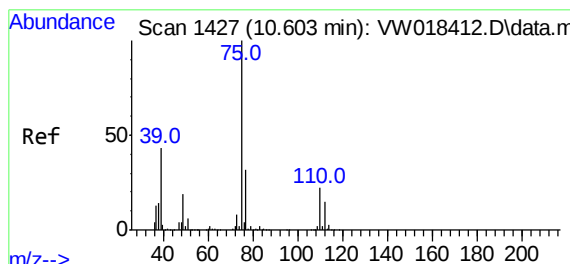
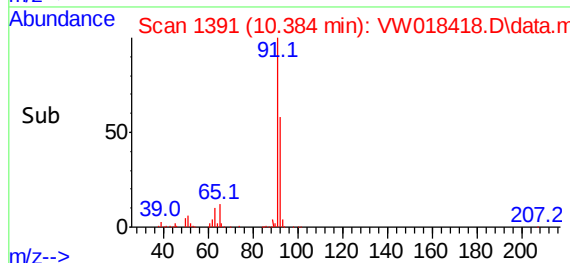
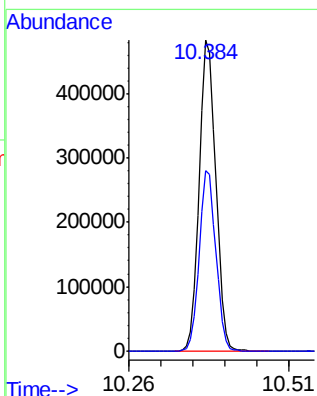
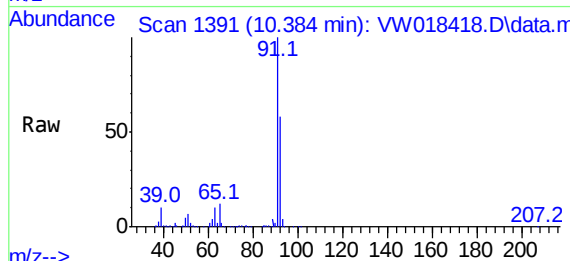
92 58.2 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02509



#45

trans-1,3-Dichloropropene

Concen: 26.07 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018418.D

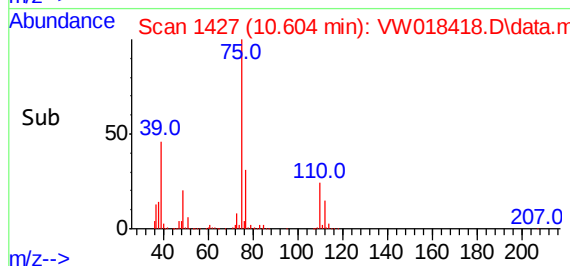
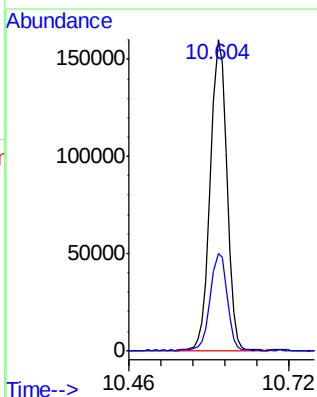
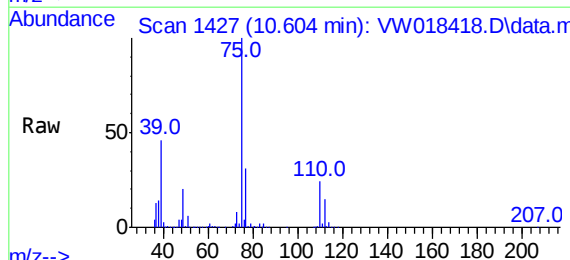
Acq: 22 Mar 2021 15:24

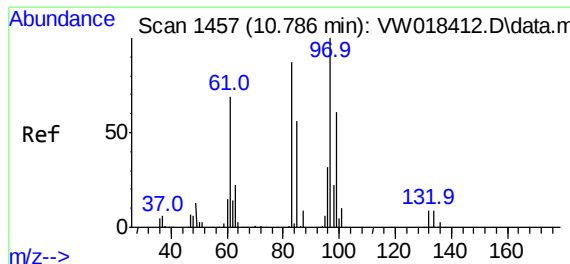
Tgt Ion: 75 Resp: 277156

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



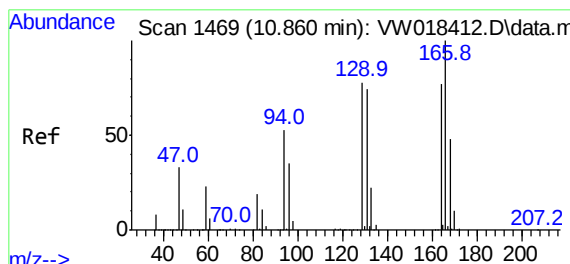
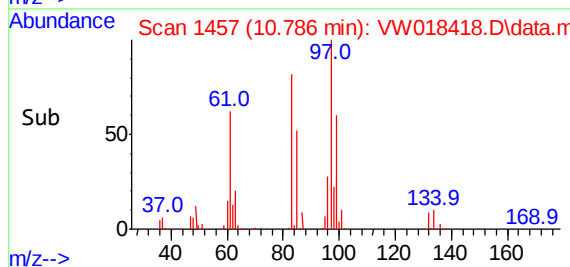
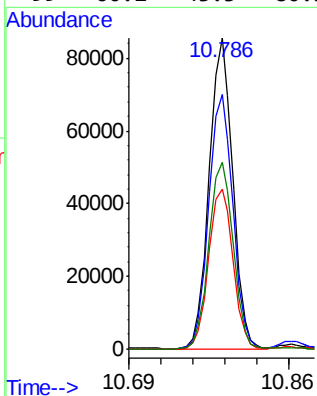
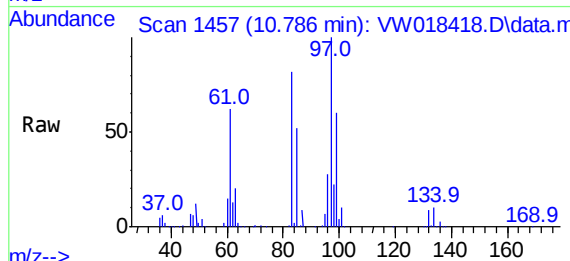


#46
1,1,2-Trichloroethane
Concen: 25.89 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion: 97 Resp: 144555

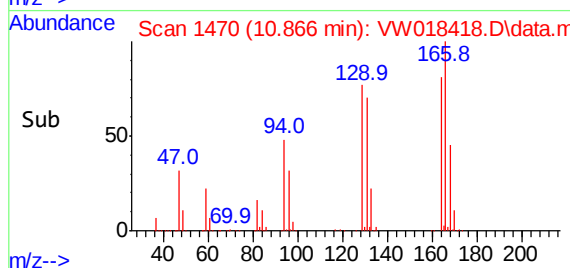
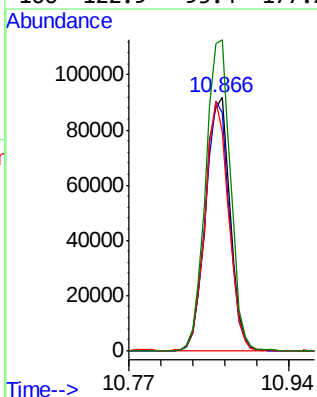
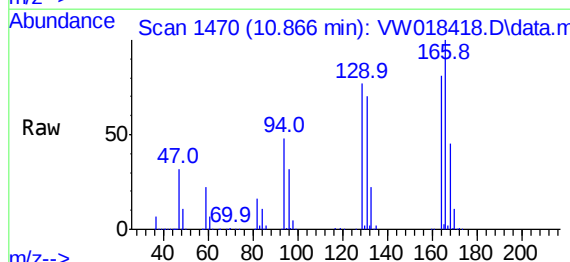
Ion	Ratio	Lower	Upper
97	100		
83	81.9	58.9	109.5
85	51.6	38.4	71.4
99	60.2	43.3	80.3

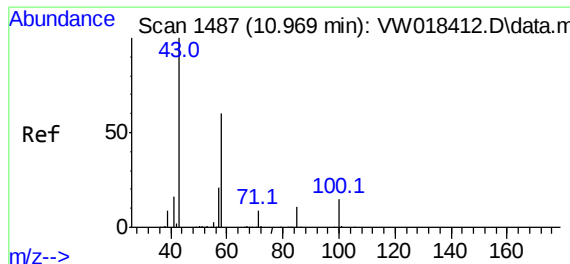


#47
Tetrachloroethene
Concen: 26.90 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 164 Resp: 161559

Ion	Ratio	Lower	Upper
164	100		
129	94.3	68.8	127.8
131	86.4	68.3	126.8
166	122.9	95.4	177.2



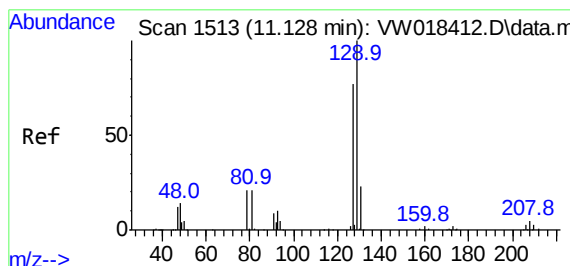
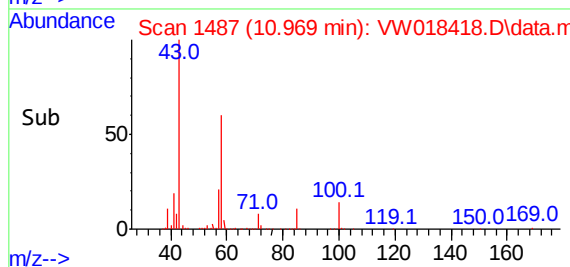
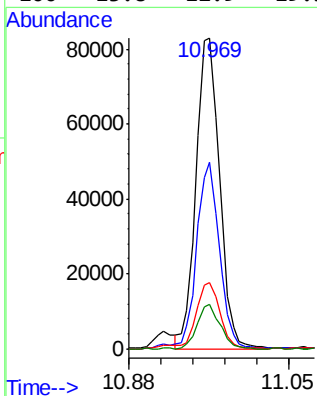
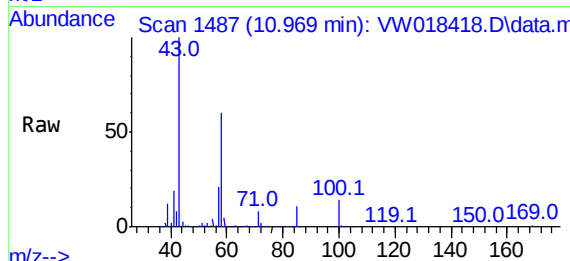


#49
2-Hexanone
Concen: 47.42 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion: 43 Resp: 141305

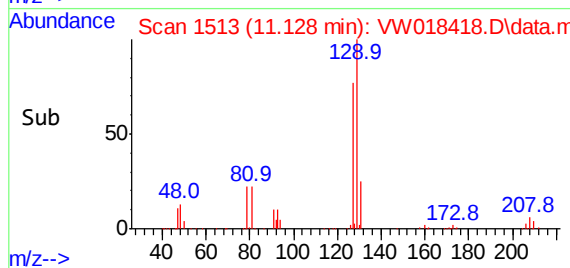
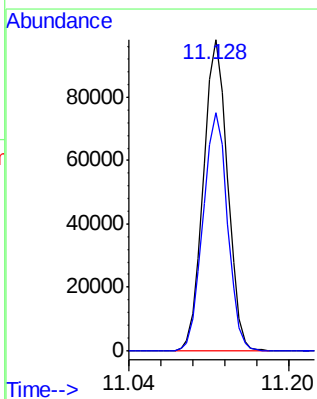
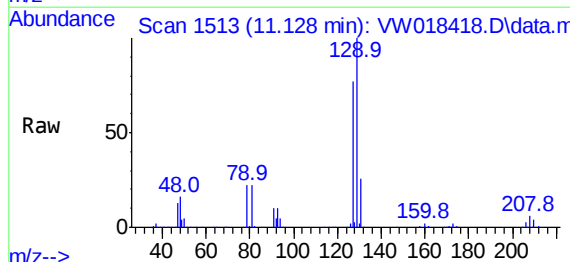
Ion	Ratio	Lower	Upper
43	100		
58	57.6	47.3	70.9
57	20.9	17.3	25.9
100	13.8	12.9	19.3

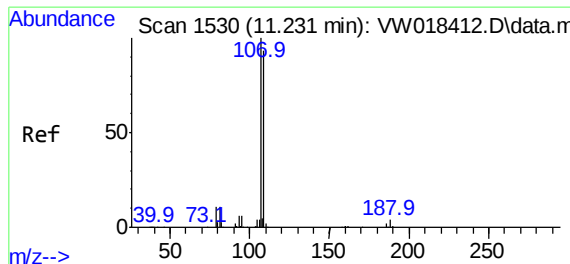


#50
Dibromochloromethane
Concen: 25.85 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 129 Resp: 170182

Ion	Ratio	Lower	Upper
129	100		
127	76.6	58.0	107.6

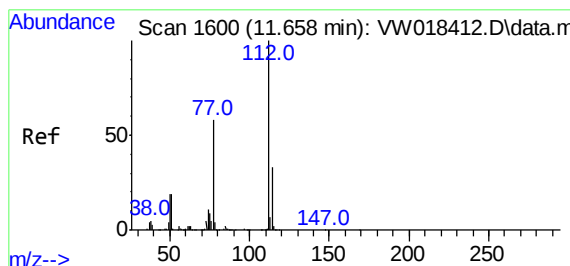
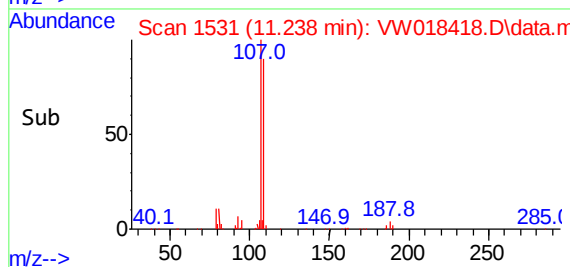
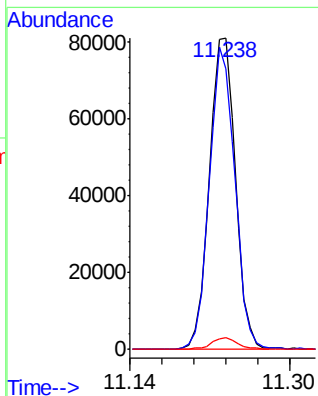
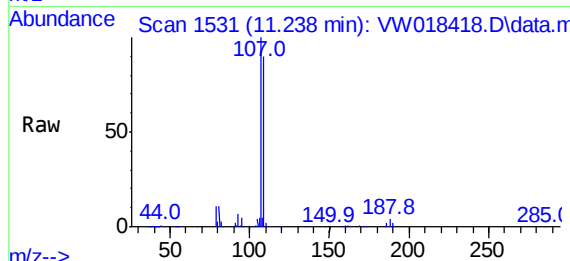




#51
1,2-Dibromoethane
Concen: 25.75 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

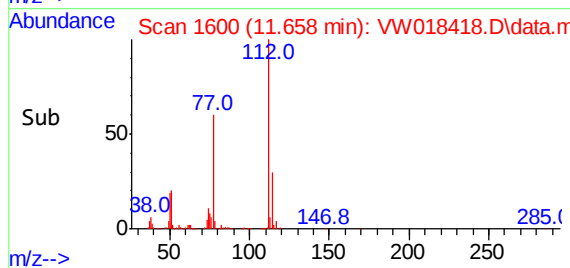
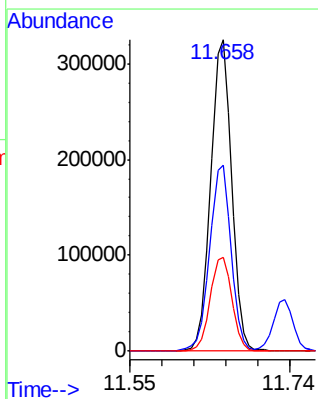
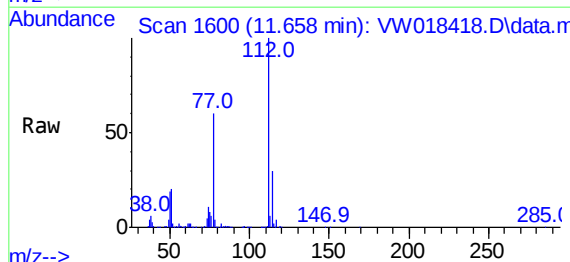
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

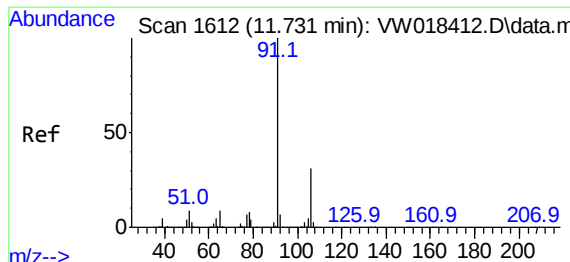
Tgt Ion:107 Resp: 142394
Ion Ratio Lower Upper
107 100
109 90.0 65.9 122.5
188 3.6 3.0 4.4



#52
Chlorobenzene
Concen: 26.05 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion:112 Resp: 537570
Ion Ratio Lower Upper
112 100
77 59.6 45.4 68.2
114 30.1 22.5 41.9

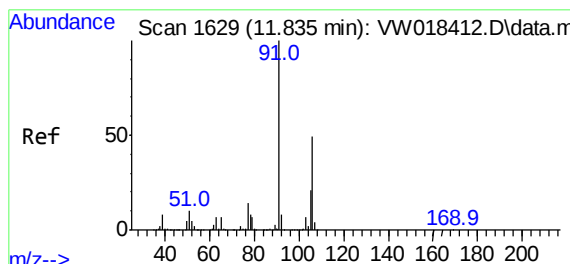
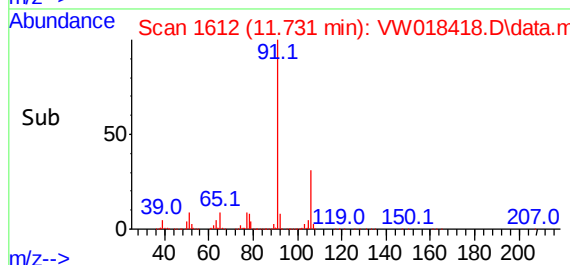
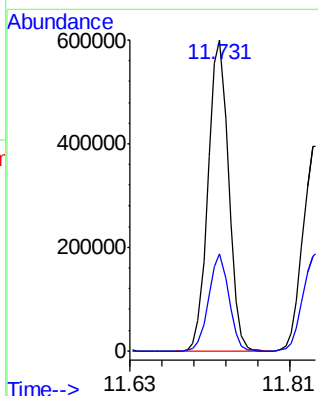
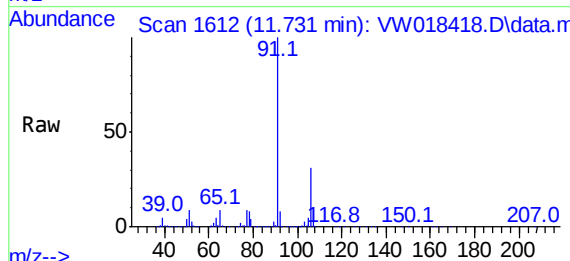




#53
Ethylbenzene
Concen: 26.05 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

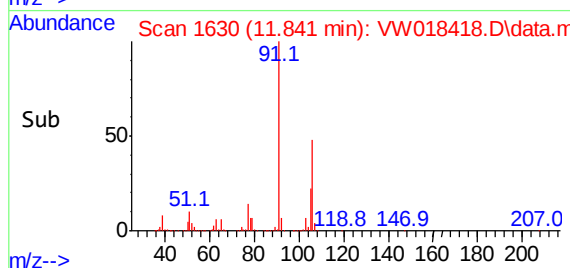
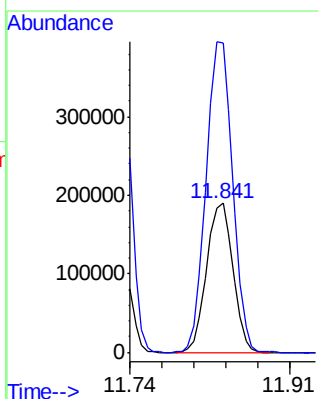
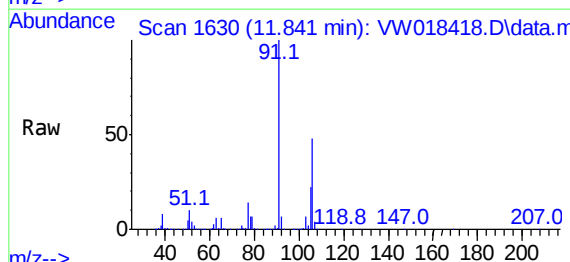
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

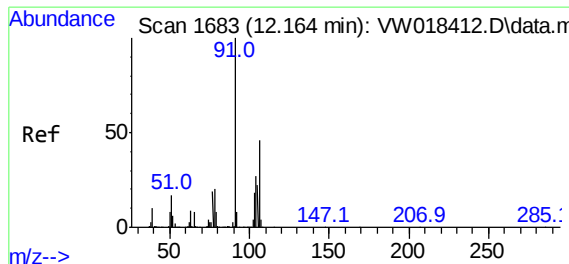
Tgt Ion: 91 Resp: 955917
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#54
m,p-Xylene
Concen: 25.75 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 106 Resp: 361032
Ion Ratio Lower Upper
106 100
91 207.5 145.3 269.8

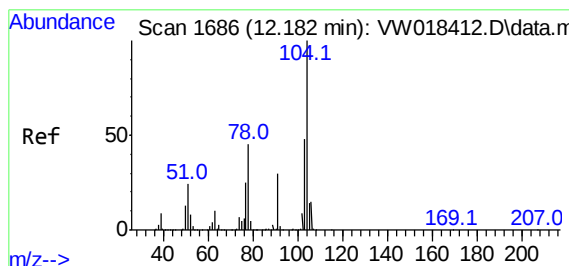
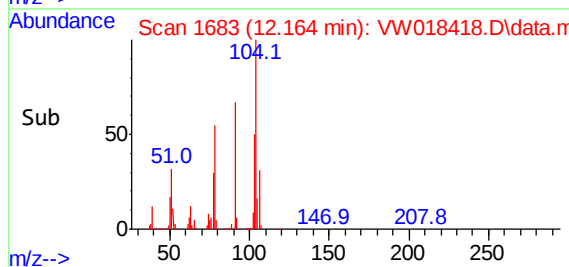
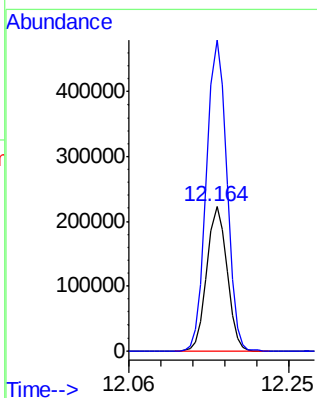
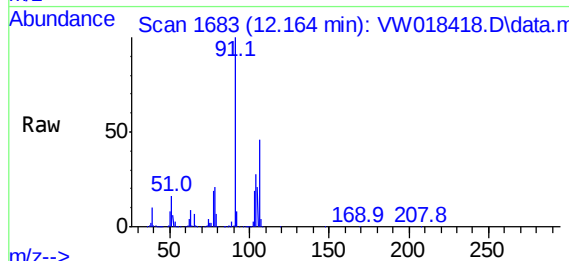




#55
o-xylene
Concen: 26.52 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

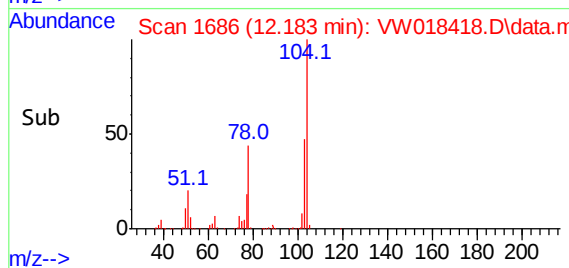
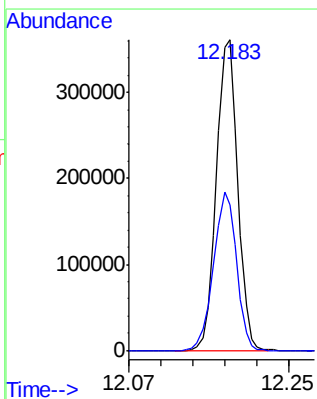
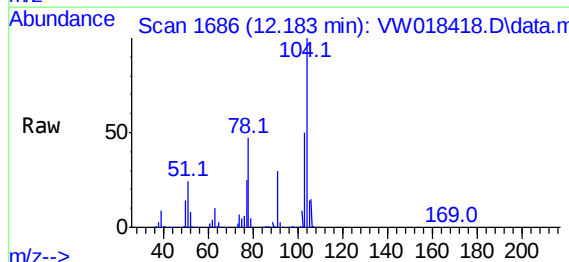
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

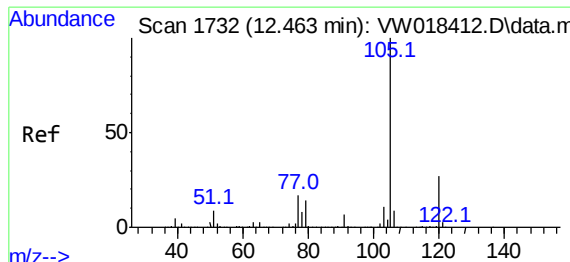
Tgt Ion:106 Resp: 354535
Ion Ratio Lower Upper
106 100
91 215.8 154.3 286.5



#56
Styrene
Concen: 26.23 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion:104 Resp: 597936
Ion Ratio Lower Upper
104 100
78 46.9 34.7 64.5

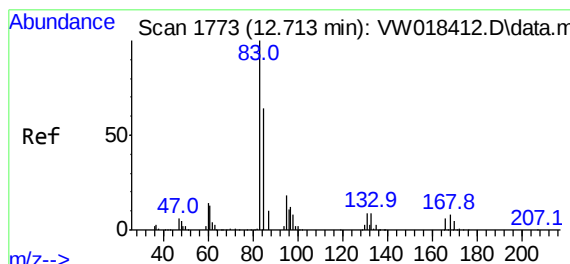
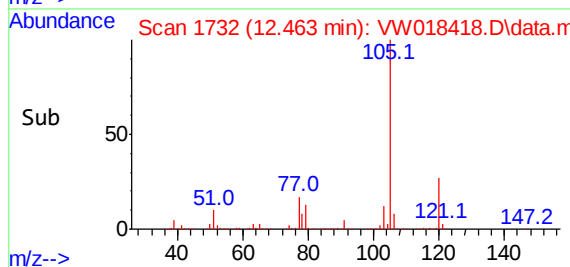
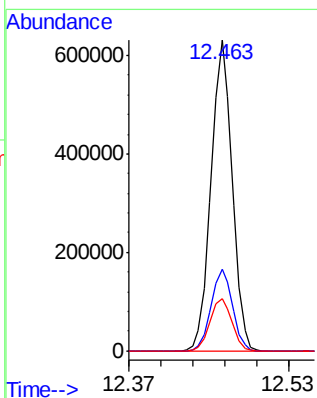
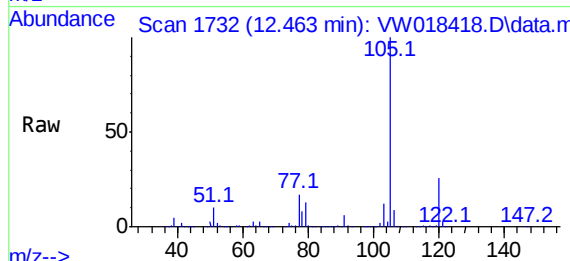




#57
Isopropylbenzene
Concen: 26.36 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

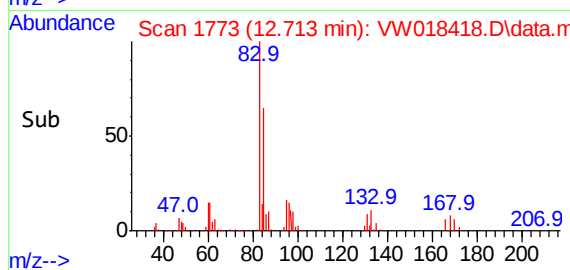
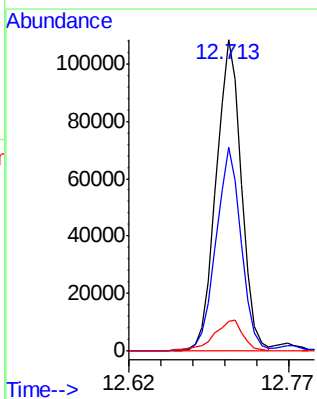
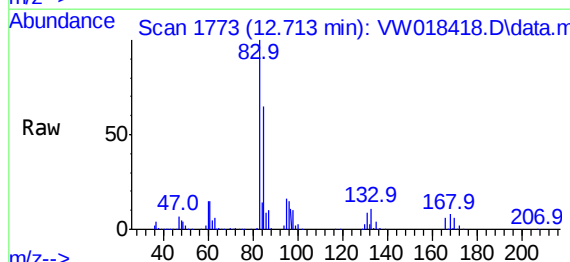
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

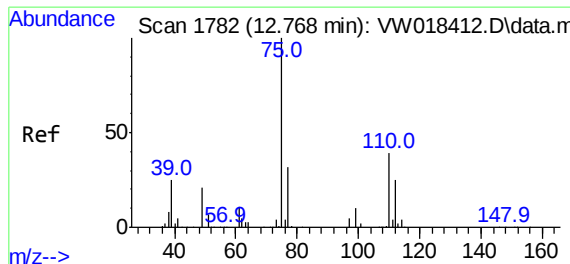
Tgt Ion: 105 Resp: 958234
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 17.2 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 25.77 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 83 Resp: 174160
Ion Ratio Lower Upper
83 100
85 65.3 49.0 91.0
131 9.4 8.7 13.1

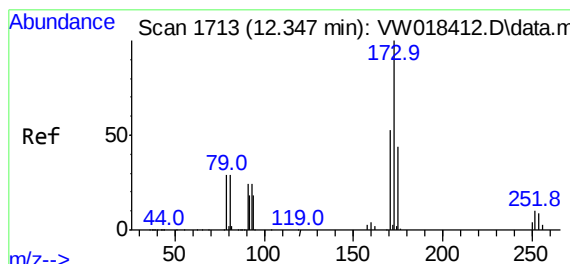
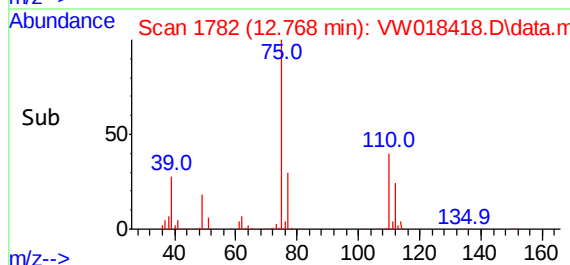
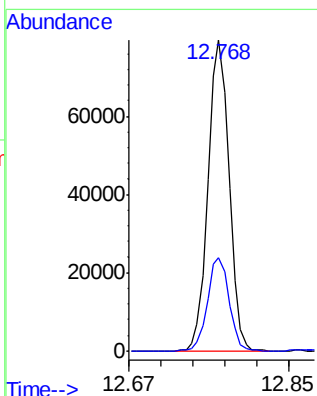
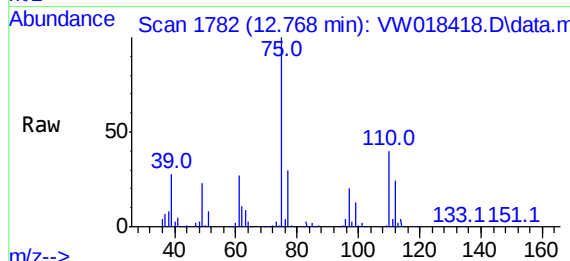




#59
1,2,3-Trichloropropane
Concen: 25.52 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

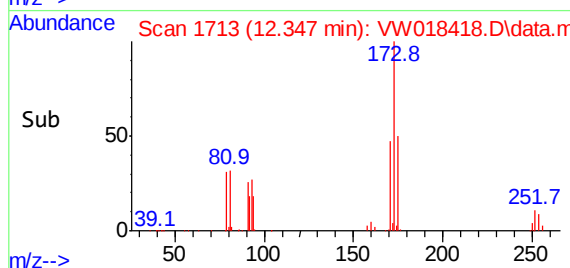
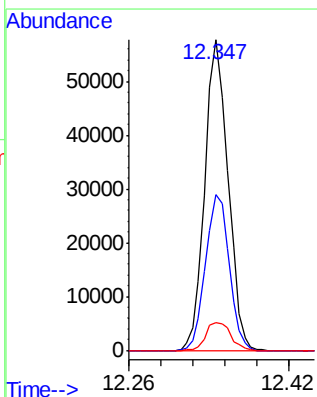
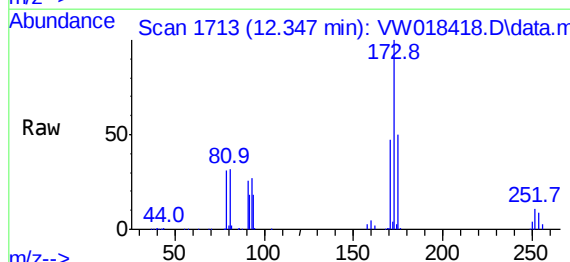
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

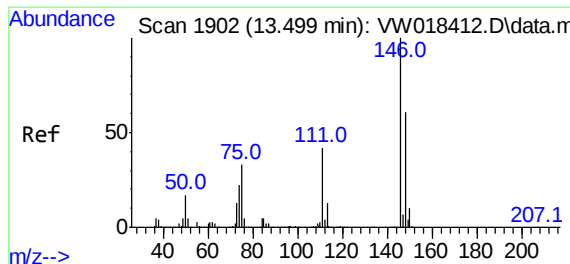
Tgt Ion: 75 Resp: 130183
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4



#62
Bromoform
Concen: 25.76 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 173 Resp: 96456
Ion Ratio Lower Upper
173 100
175 51.3 38.2 57.2
254 9.6 6.0 9.0#

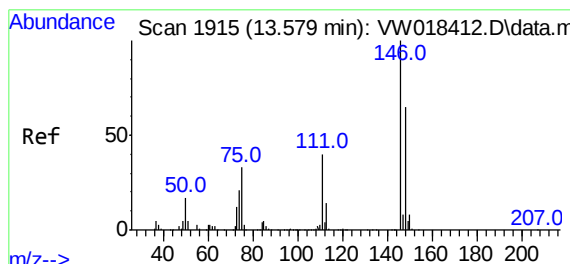
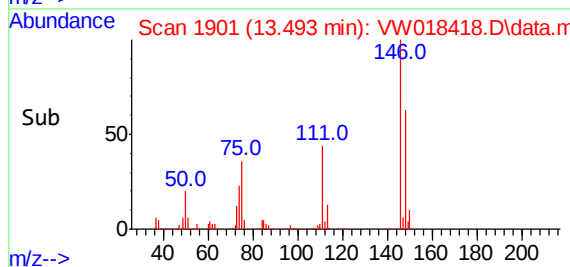
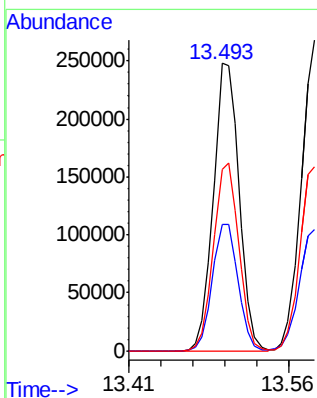
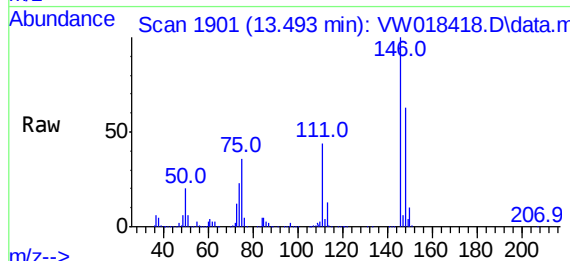




#63
1,3-Dichlorobenzene
Concen: 26.00 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

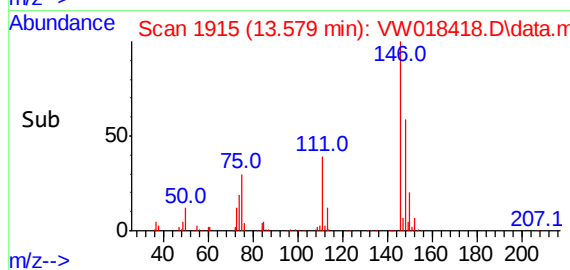
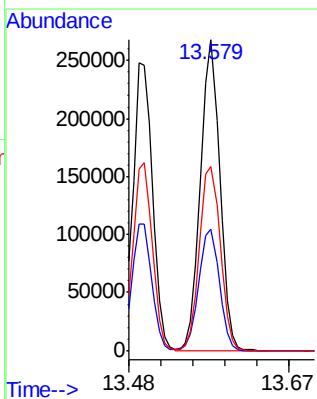
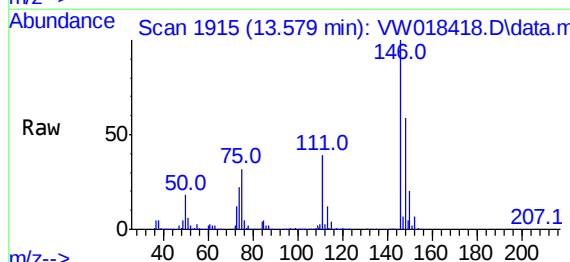
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

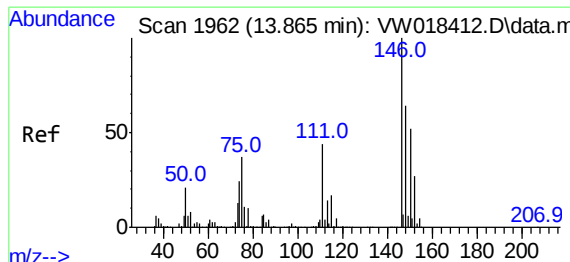
Tgt Ion:146 Resp: 406370
Ion Ratio Lower Upper
146 100
111 43.9 27.5 51.1
148 63.1 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 26.10 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion:146 Resp: 411727
Ion Ratio Lower Upper
146 100
111 39.0 28.3 52.5
148 59.2 47.3 87.9

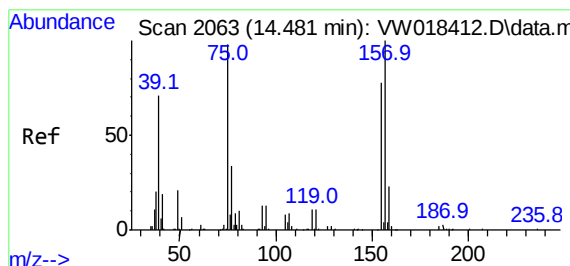
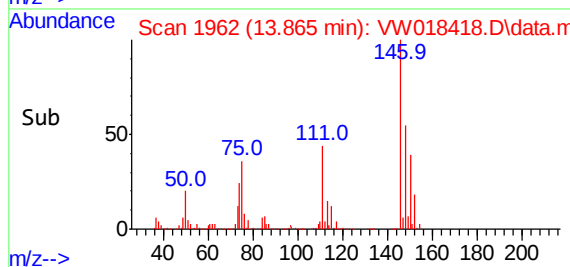
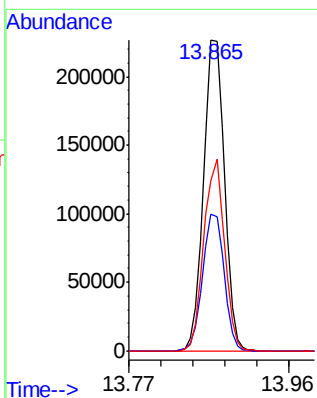
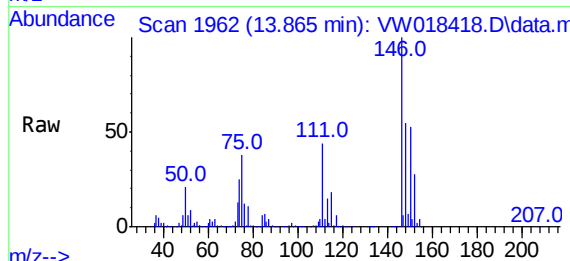




#65
1,2-Dichlorobenzene
Concen: 26.78 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

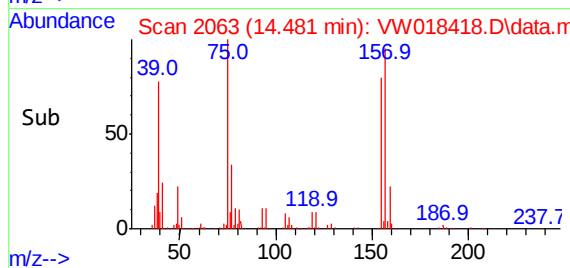
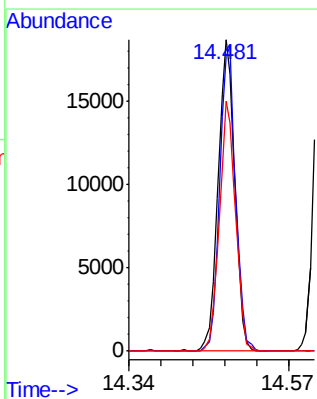
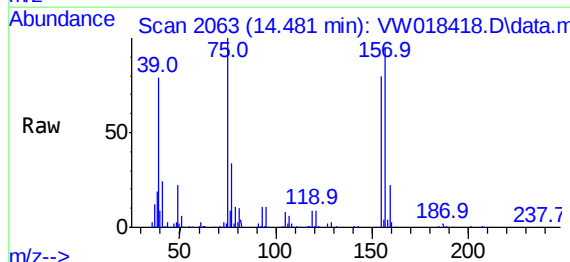
Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

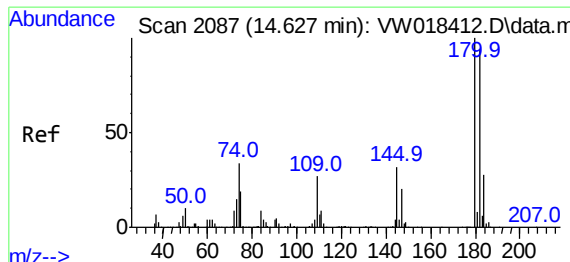
Tgt Ion:146 Resp: 374061
Ion Ratio Lower Upper
146 100
111 44.0 36.0 54.0
148 54.9 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 24.67 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion: 75 Resp: 31143
Ion Ratio Lower Upper
75 100
157 94.9 65.2 97.8
155 80.4 60.1 90.1



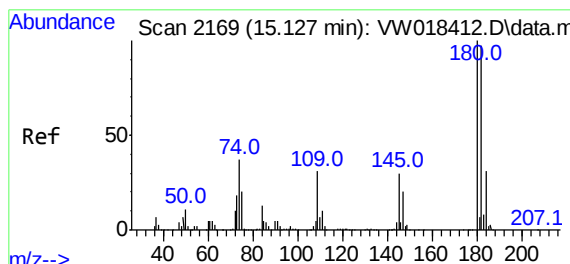
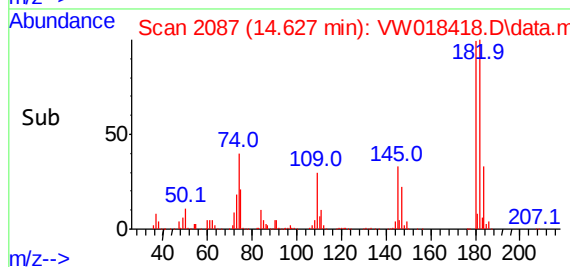
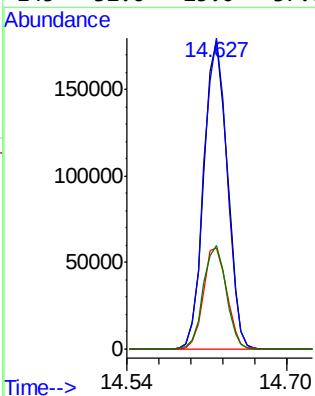
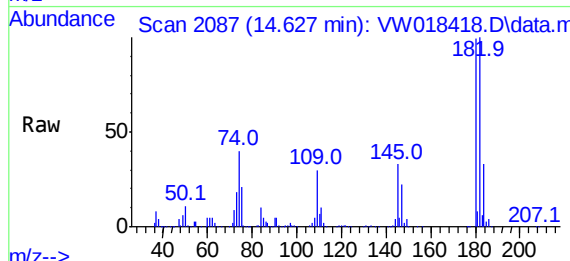


#67
 1,3,5-Trichlorobenzene
 Concen: 25.32 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Tgt Ion:180 Resp: 285419

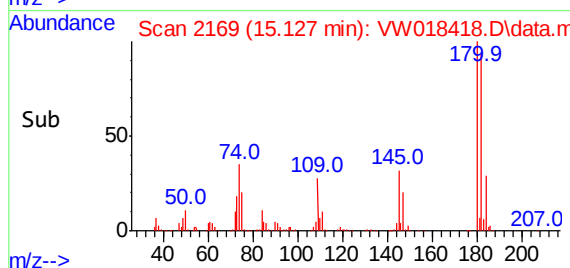
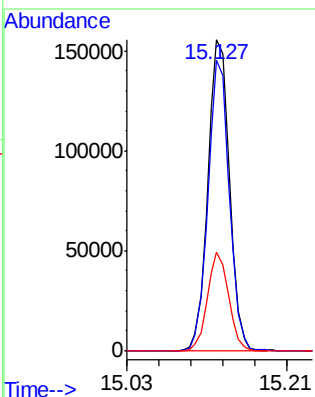
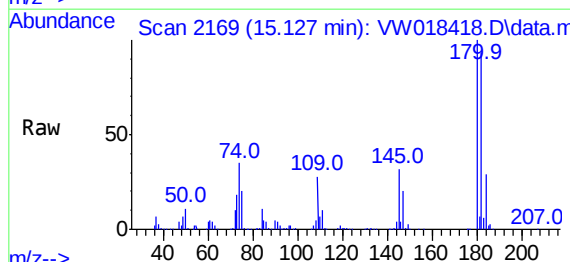
Ion	Ratio	Lower	Upper
180	100		
182	99.7	71.8	107.8
184	32.4	23.5	35.3
145	32.6	25.0	37.6

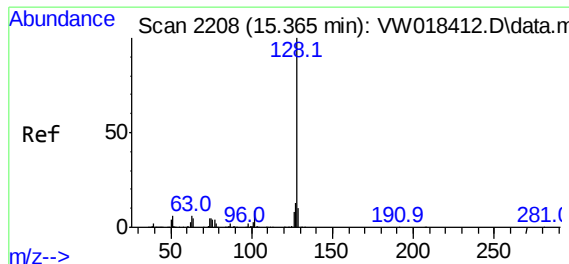


#68
 1,2,4-trichlorobenzene
 Concen: 27.02 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW018418.D
 Acq: 22 Mar 2021 15:24

Tgt Ion:180 Resp: 259148

Ion	Ratio	Lower	Upper
180	100		
182	92.2	70.2	105.4
145	30.9	24.9	37.3

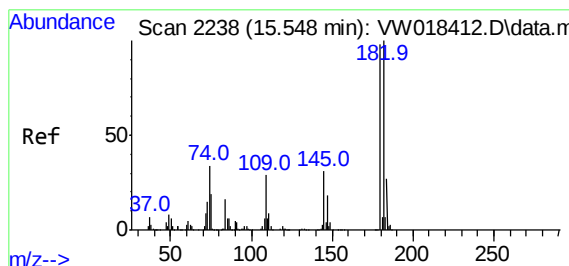
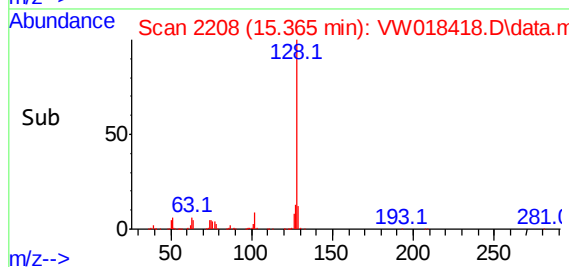
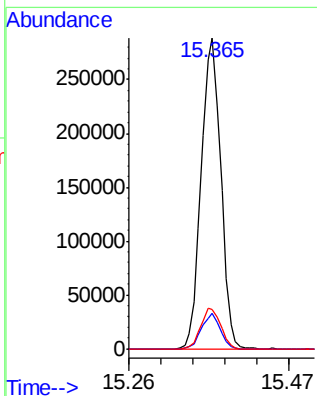
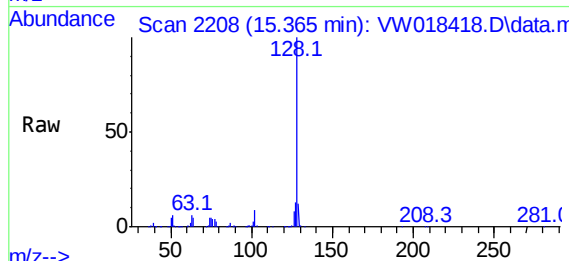




#69
Naphthalene
Concen: 25.63 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD02509

Tgt Ion:128 Resp: 511827
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.2 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 26.01 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW018418.D
Acq: 22 Mar 2021 15:24

Tgt Ion:180 Resp: 217691
Ion Ratio Lower Upper
180 100
182 93.5 76.5 114.7
145 32.9 27.7 41.5

