

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
 Data File : VW018556.D
 Acq On : 05 Apr 2021 14:57
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Apr 06 01:19:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 01:17:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	489996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	455455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	242685	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	186364	27.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.32%
7) Chloroethane-d5	2.891	69	155626	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
10) 1,1-Dichloroethene-d2	4.025	63	307767	26.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.56%
20) 2-Butanone-d5	7.080	46	76334	50.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.56%
24) Chloroform-d	7.647	84	330336	26.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	8.305	65	189753	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	8.275	84	632640	26.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.52%
33) 1,2-Dichloropropane-d6	9.274	67	182300	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.323	98	623421	26.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.96%
38) trans-1,3-Dichloroprop...	10.573	79	86750	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.32%
39) 2-Hexanone-d5	10.927	63	63180	46.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.44%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	165636	26.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.04%
61) 1,2-Dichlorobenzene-d4	13.853	152	206955	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	136211	24.20	ug/L	98
3) Chloromethane	2.215	50	176098	24.82	ug/L	99
5) Vinyl chloride	2.367	62	258048	27.70	ug/L	98
6) Bromomethane	2.782	94	180001	26.76	ug/L	99
8) Chloroethane	2.928	64	158308	27.25	ug/L	95
9) Trichlorofluoromethane	3.263	101	132778	28.33	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	178072	29.55	ug/L	99
12) 1,1-Dichloroethene	4.044	96	173708	28.24	ug/L	97
13) Acetone	4.123	43	56420	51.74	ug/L	100
14) Carbon disulfide	4.385	76	517042	27.91	ug/L	98
15) Methyl Acetate	4.665	43	67408	27.03	ug/L	96
16) Methylene chloride	4.915	84	185439	23.07	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	231615	25.78	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	188293	27.73	ug/L	97
19) 1,1-Dichloroethane	6.214	63	321327	27.73	ug/L	98
21) 2-Butanone	7.171	43	86187	49.74	ug/L	100
22) cis-1,2-Dichloroethene	7.171	96	201438	28.20	ug/L	99
23) Bromochloromethane	7.519	128	88498	28.00	ug/L	95
25) Chloroform	7.671	83	350848	28.53	ug/L	99
27) 1,2-Dichloroethane	8.397	62	239869	27.50	ug/L	97

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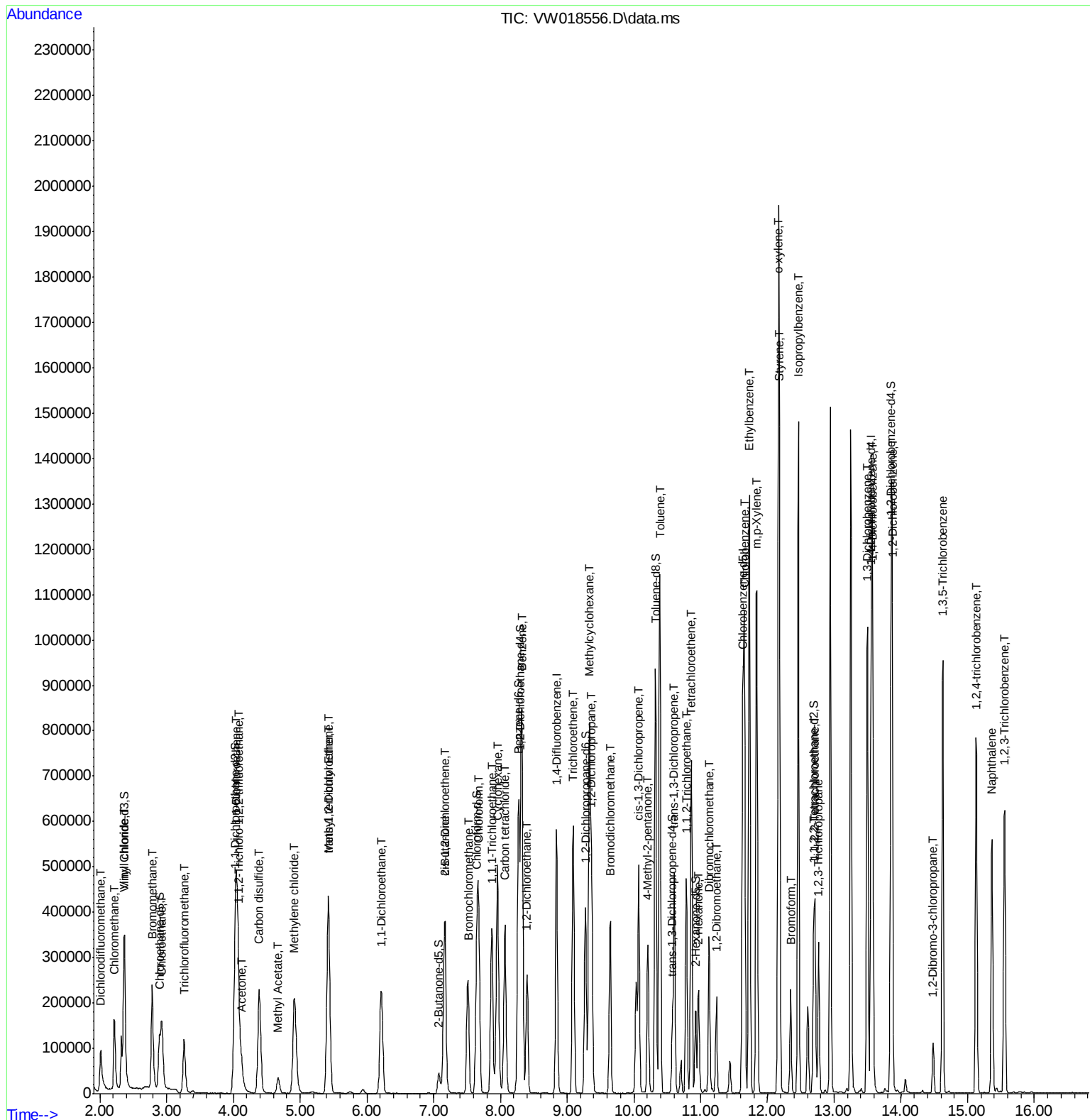
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	282535	26.13	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	293498	28.83	ug/L	97
32) Carbon tetrachloride	8.067	117	273876	28.87	ug/L	99
34) Benzene	8.323	78	742818	28.16	ug/L	100
35) Trichloroethene	9.092	95	200105	27.46	ug/L	97
36) Methylcyclohexane	9.335	83	344819	27.02	ug/L	100
40) 1,2-Dichloropropane	9.366	63	176428	27.34	ug/L	99
41) Bromodichloromethane	9.646	83	253724	27.82	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	295759	27.11	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	200563	51.69	ug/L	97
44) Toluene	10.390	91	849632	28.33	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	261531	26.69	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	142912	27.78	ug/L	99
47) Tetrachloroethene	10.860	164	156255	28.24	ug/L	96
49) 2-Hexanone	10.969	43	134802	49.10	ug/L	98
50) Dibromochloromethane	11.128	129	172547	28.44	ug/L	96
51) 1,2-Dibromoethane	11.237	107	141533	27.78	ug/L	97
52) Chlorobenzene	11.658	112	531566	27.95	ug/L	97
53) Ethylbenzene	11.731	91	938546	27.76	ug/L	99
54) m,p-Xylene	11.835	106	361066	27.95	ug/L	100
55) o-xylene	12.164	106	347799	28.24	ug/L	99
56) Styrene	12.182	104	582255	27.72	ug/L	99
57) Isopropylbenzene	12.463	105	955556	28.53	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	173109	27.80	ug/L	94
59) 1,2,3-Trichloropropane	12.768	75	128468	27.33	ug/L	100
62) Bromoform	12.347	173	94356	25.35	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	408170	26.28	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	408114	26.04	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	367649	26.48	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	27508	21.92	ug/L	90
67) 1,3,5-Trichlorobenzene	14.627	180	283602	25.32	ug/L	96
68) 1,2,4-trichlorobenzene	15.133	180	240234	25.20	ug/L	94
69) Naphthalene	15.365	128	486686	24.52	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	204260	24.56	ug/L	99

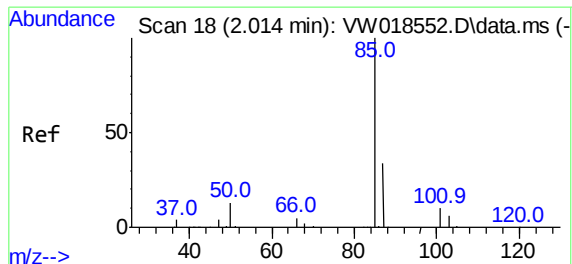
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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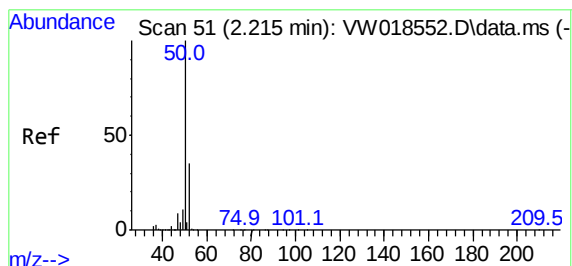
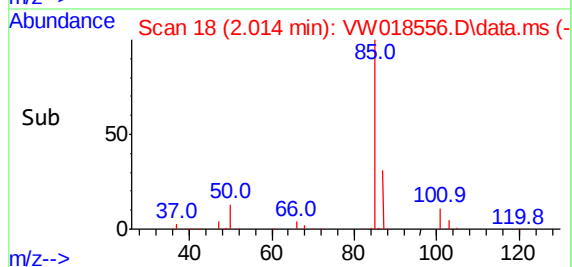
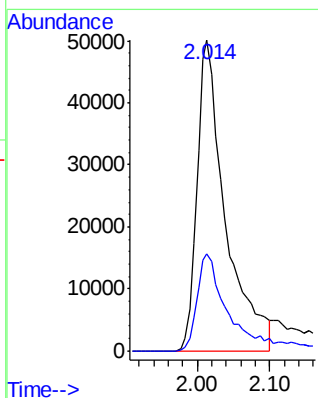
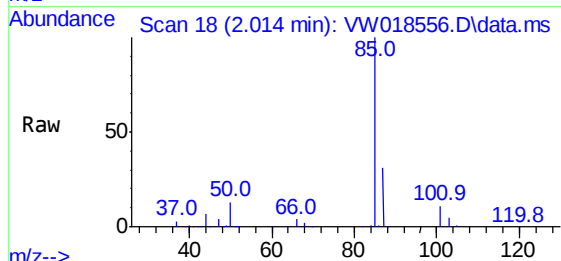




#2
Dichlorodifluoromethane
Concen: 24.20 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

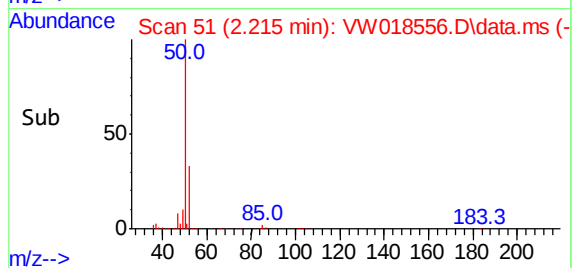
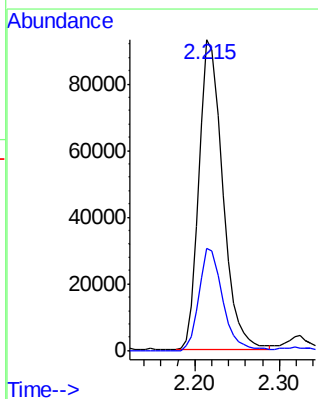
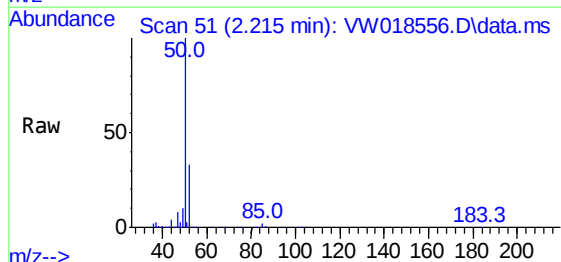
Instrument :
MSVOA_W
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VSTD02529

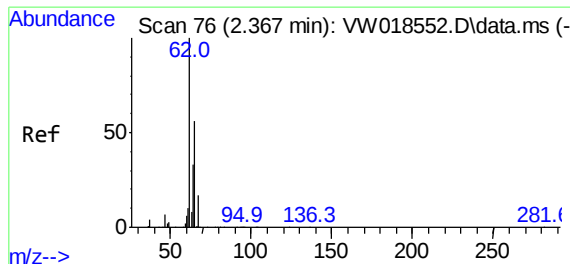
Tgt Ion: 85 Resp: 136211
Ion Ratio Lower Upper
85 100
87 30.7 22.2 41.2



#3
Chloromethane
Concen: 24.82 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 50 Resp: 176098
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9

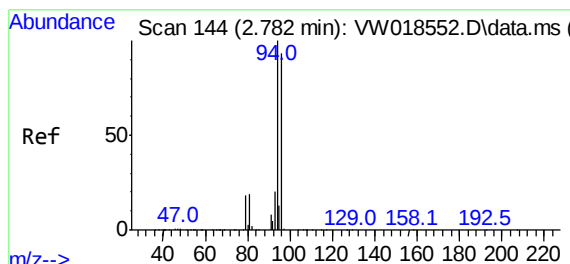
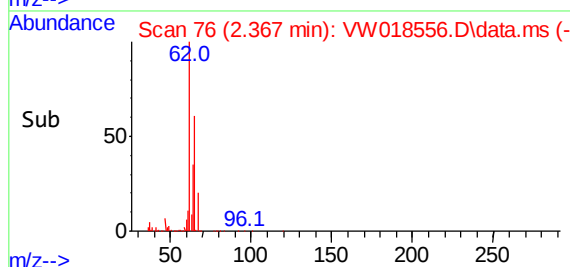
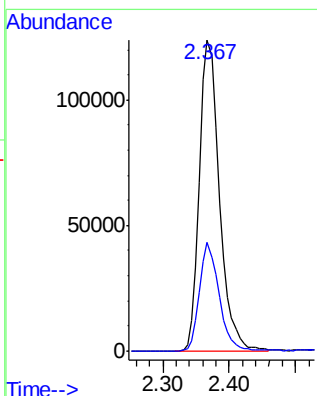
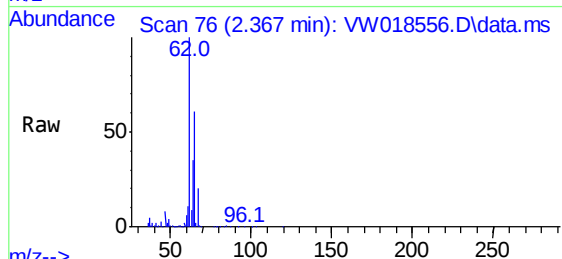




#5
 Vinyl chloride
 Concen: 27.70 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018556.D
 Acq: 05 Apr 2021 14:57

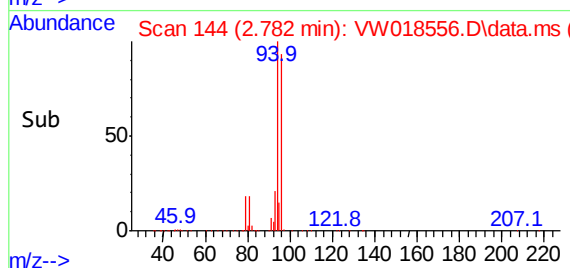
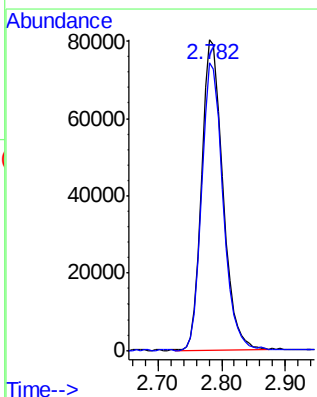
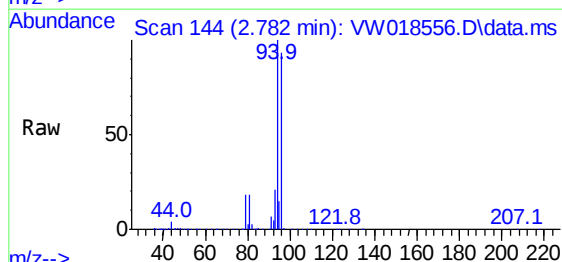
Instrument :
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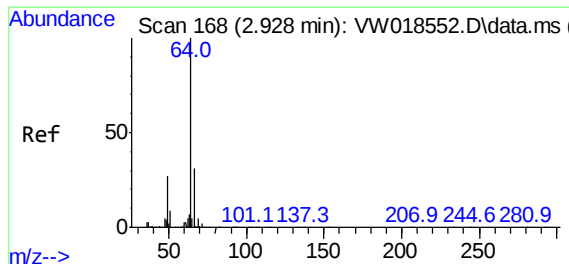
Tgt Ion: 62 Resp: 258048
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.5 43.7



#6
 Bromomethane
 Concen: 26.76 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018556.D
 Acq: 05 Apr 2021 14:57

Tgt Ion: 94 Resp: 180001
 Ion Ratio Lower Upper
 94 100
 96 93.1 9.4 179.4

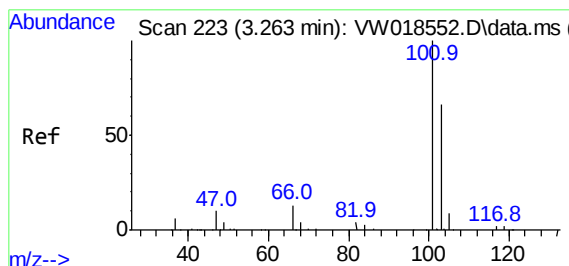
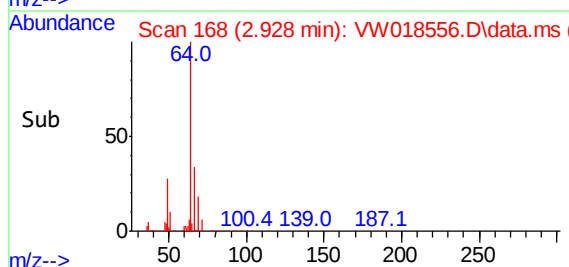
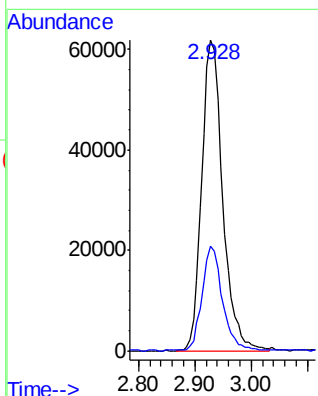
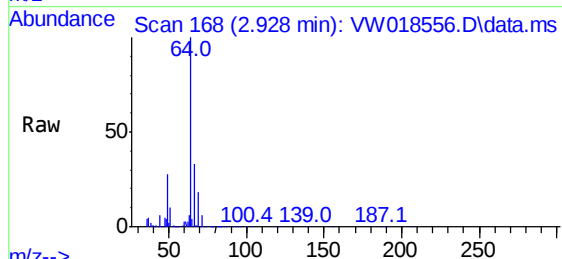




#8
Chloroethane
Concen: 27.25 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

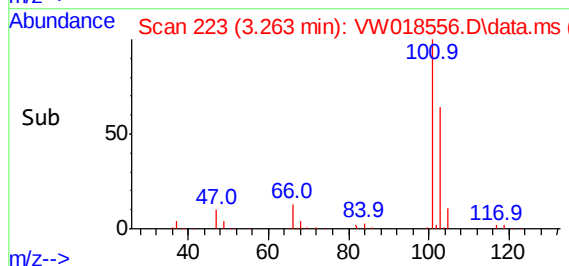
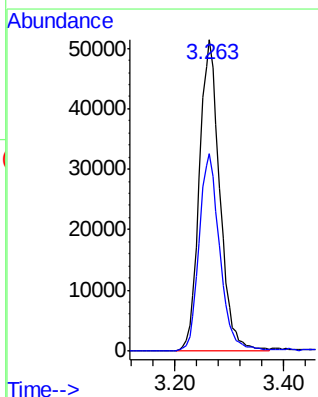
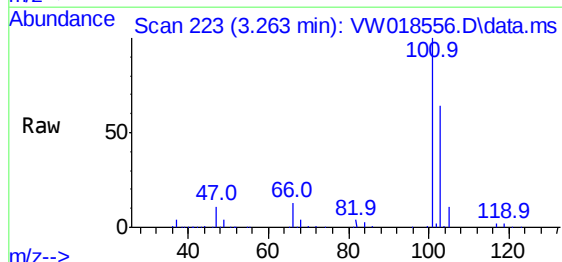
Instrument :
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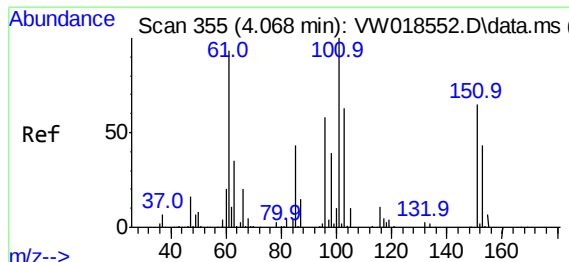
Tgt Ion: 64 Resp: 158308
Ion Ratio Lower Upper
64 100
66 33.5 21.6 40.0



#9
Trichlorofluoromethane
Concen: 28.33 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion:101 Resp: 132778
Ion Ratio Lower Upper
101 100
103 63.1 45.6 84.8



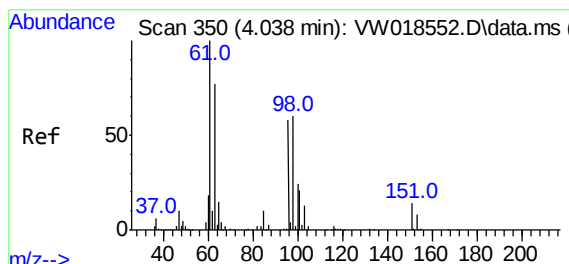
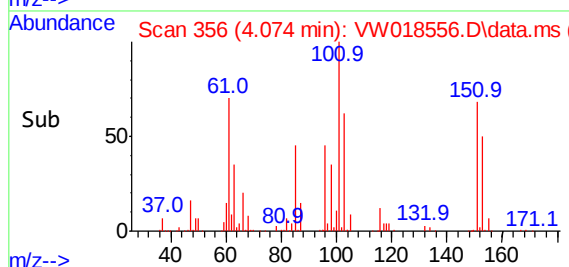
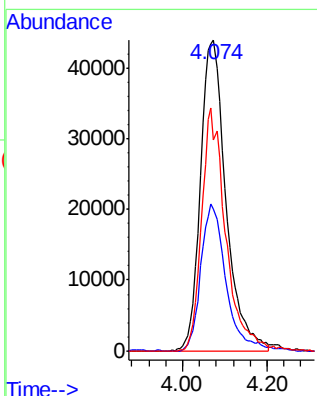
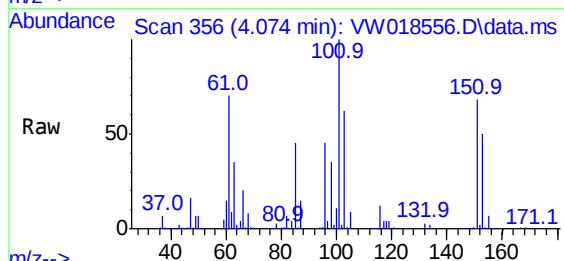


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.55 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW018556.D
 Acq: 05 Apr 2021 14:57

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Tgt Ion:101 Resp: 178072

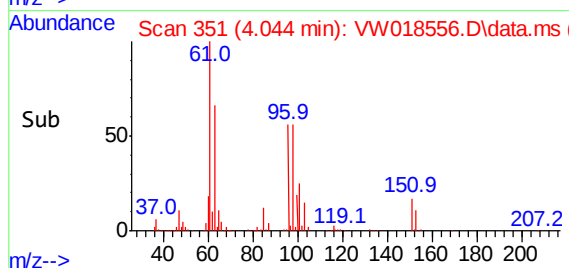
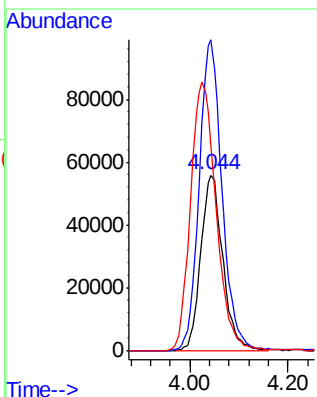
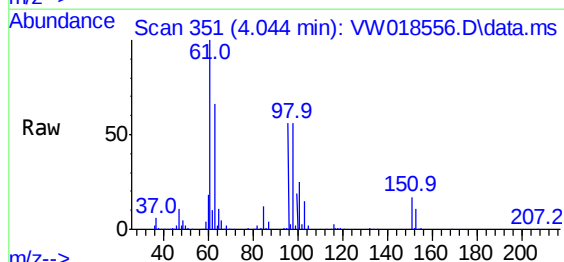
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.6	53.4
151	72.3	58.1	87.1

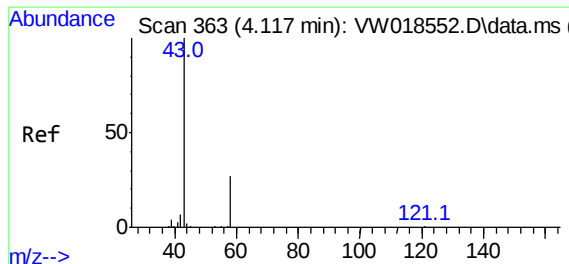


#12
 1,1-Dichloroethene
 Concen: 28.24 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW018556.D
 Acq: 05 Apr 2021 14:57

Tgt Ion: 96 Resp: 173708

Ion	Ratio	Lower	Upper
96	100		
61	177.1	118.6	220.2
63	117.3	82.4	153.0

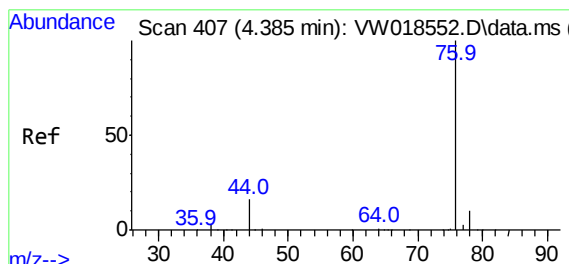
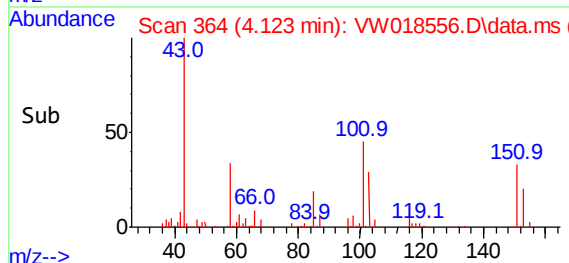
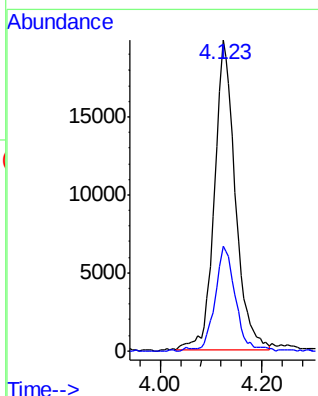
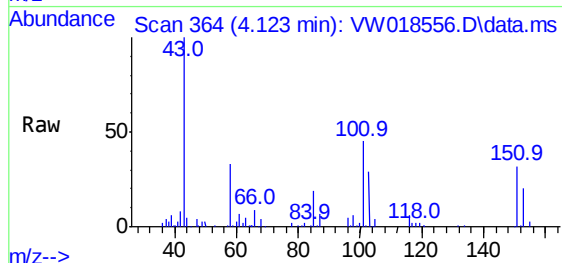




#13
Acetone
Concen: 51.74 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018556.D
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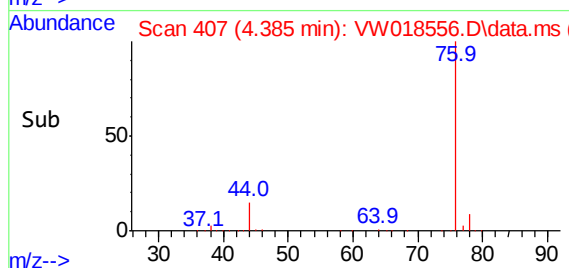
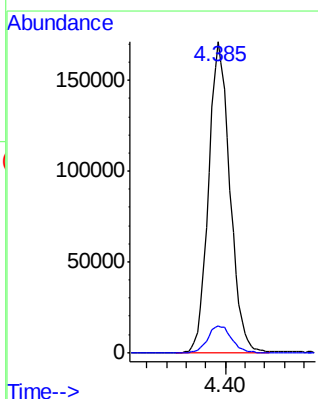
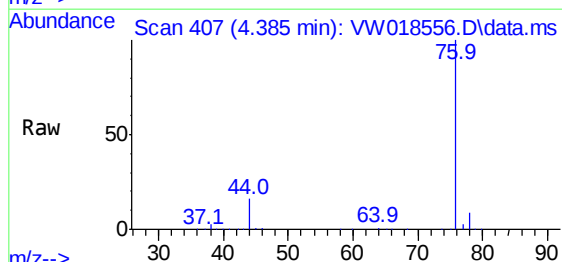
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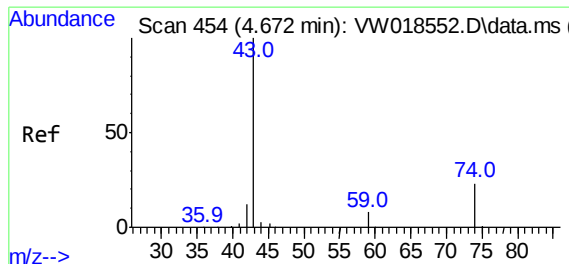
Tgt Ion: 43 Resp: 56420
Ion Ratio Lower Upper
43 100
58 31.0 0.0 62.2



#14
Carbon disulfide
Concen: 27.91 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 76 Resp: 517042
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

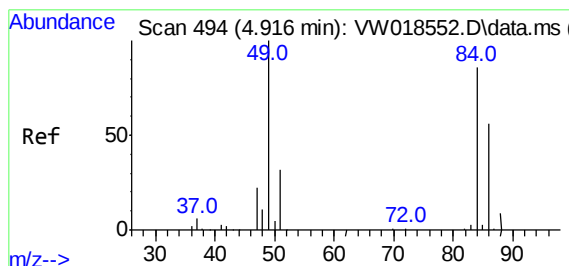
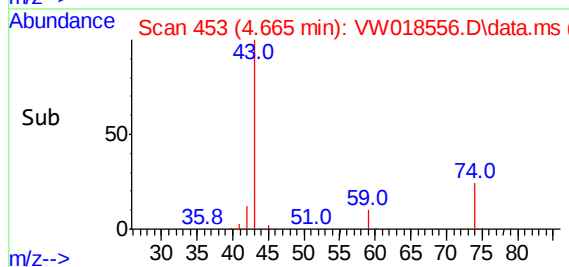
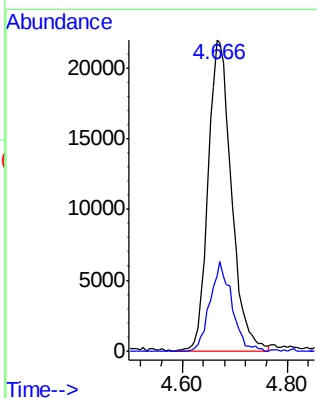
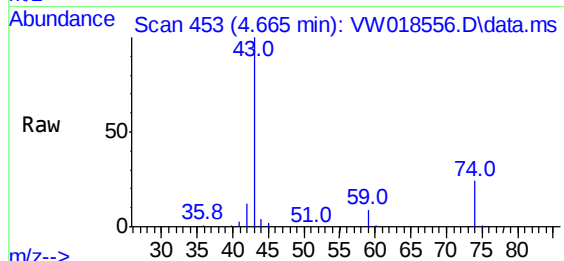




#15
Methyl Acetate
Concen: 27.03 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

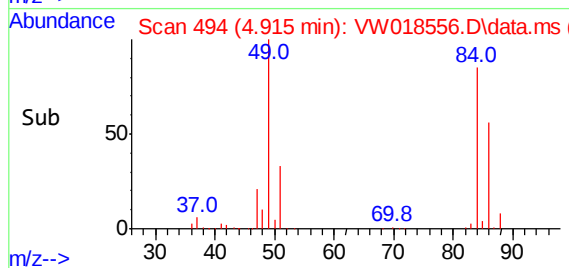
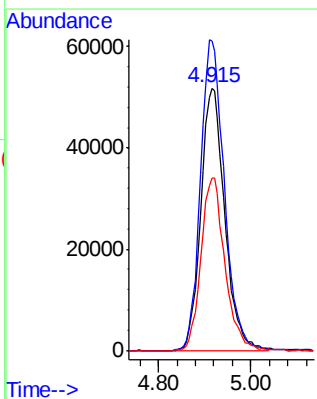
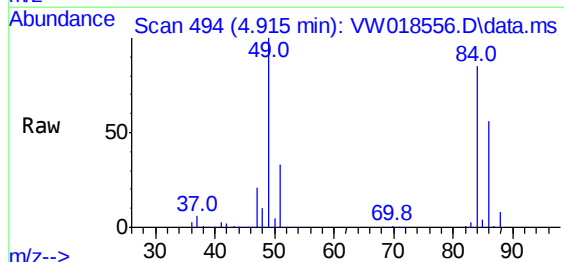
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

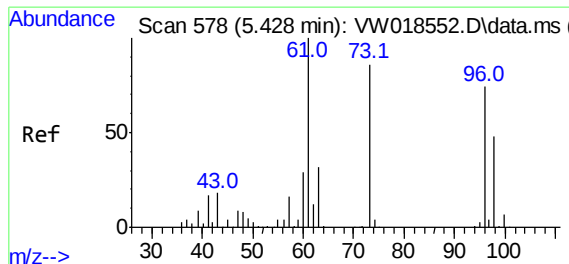
Tgt Ion: 43 Resp: 67408
Ion Ratio Lower Upper
43 100
74 26.3 22.9 34.3



#16
Methylene chloride
Concen: 23.07 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 84 Resp: 185439
Ion Ratio Lower Upper
84 100
49 117.7 74.4 138.2
86 65.7 46.1 85.7



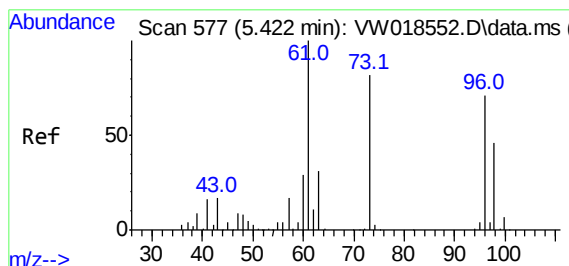
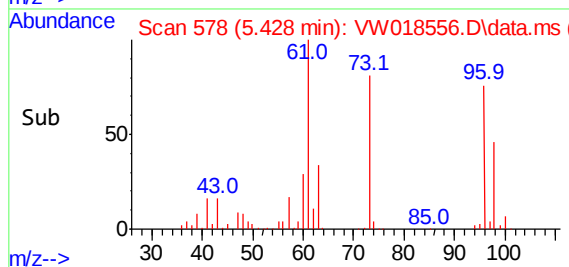
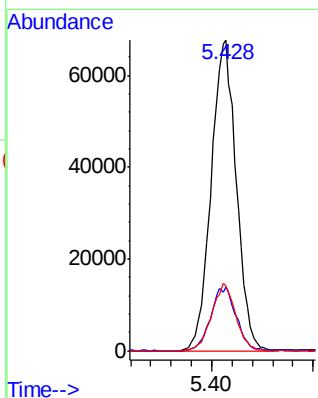
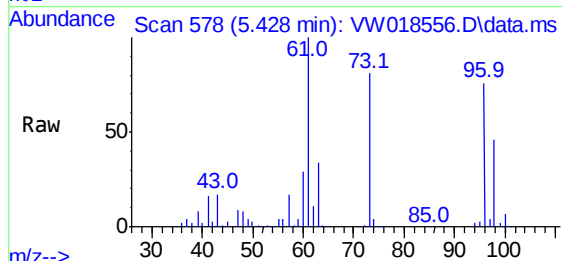


#17
Methyl tert-butyl Ether
Concen: 25.78 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion: 73 Resp: 231615

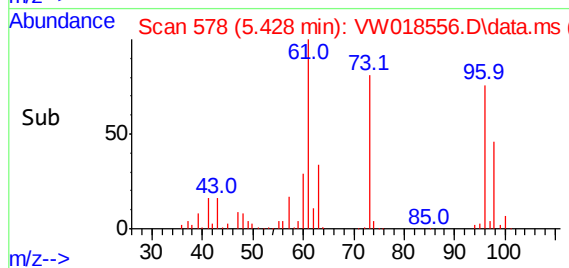
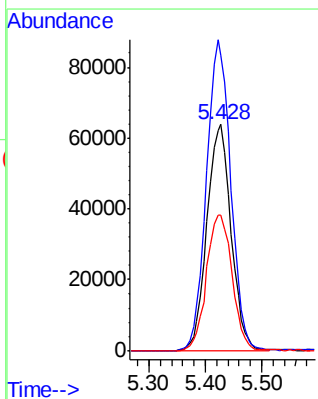
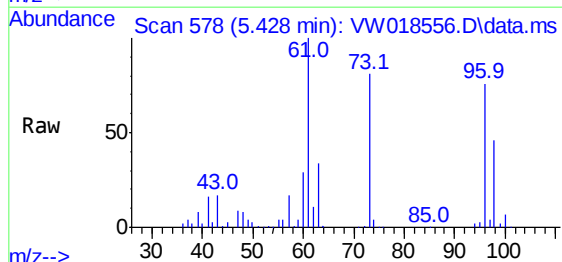
Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.6	24.8
57	20.7	15.9	23.9

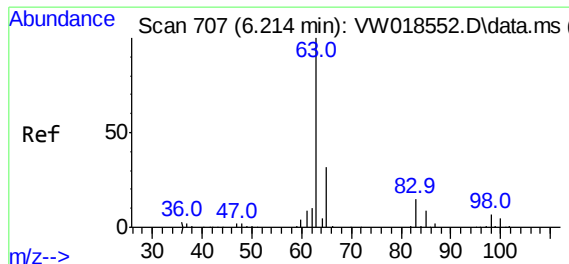


#18
trans-1,2-Dichloroethene
Concen: 27.73 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 96 Resp: 188293

Ion	Ratio	Lower	Upper
96	100		
61	130.7	93.3	173.3
98	59.9	45.2	84.0

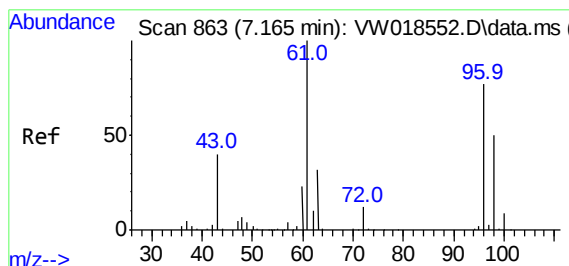
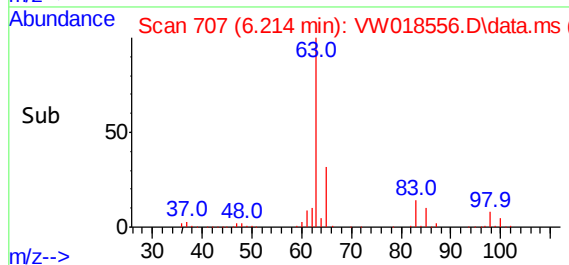
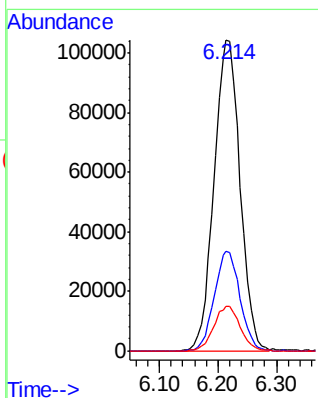
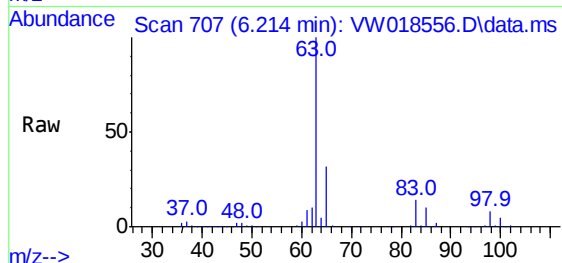




#19
1,1-Dichloroethane
Concen: 27.73 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

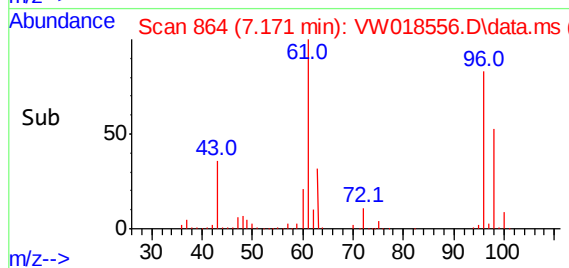
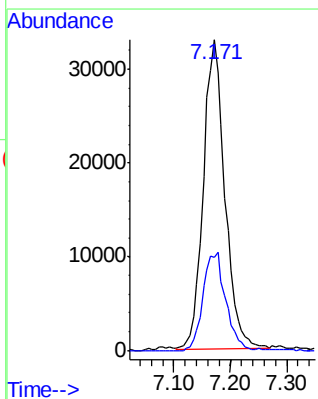
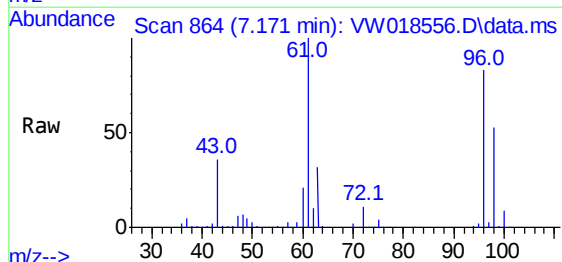
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

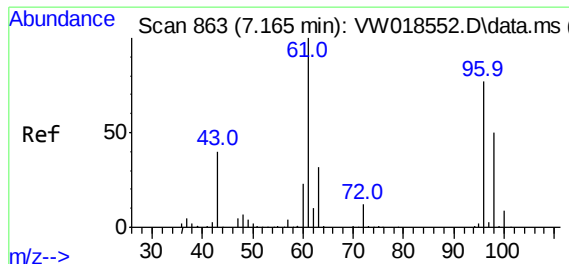
Tgt Ion: 63 Resp: 321327
Ion Ratio Lower Upper
63 100
65 32.1 23.5 43.7
83 14.5 10.3 19.1



#21
2-Butanone
Concen: 49.74 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 43 Resp: 86187
Ion Ratio Lower Upper
43 100
72 33.2 16.5 49.5

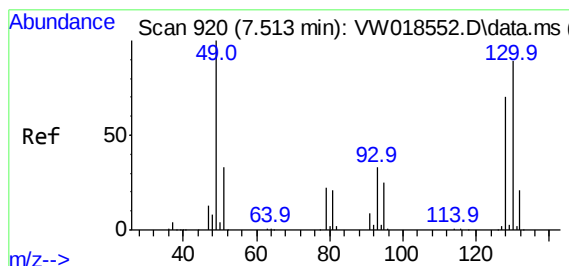
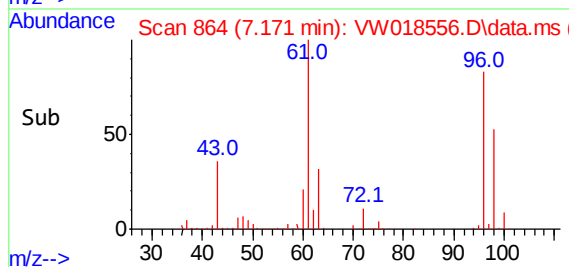
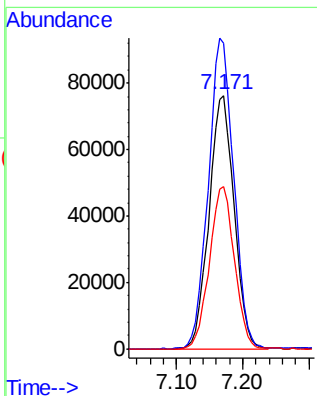
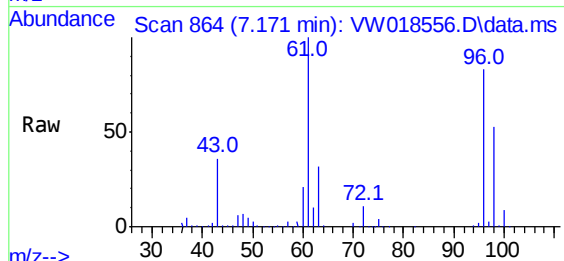




#22
cis-1,2-Dichloroethene
Concen: 28.20 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

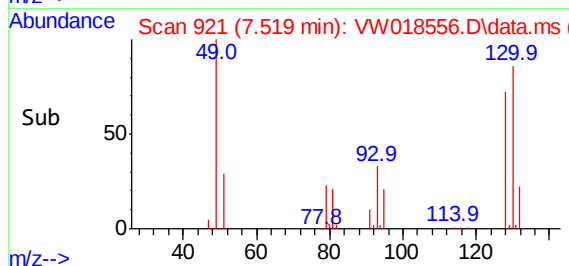
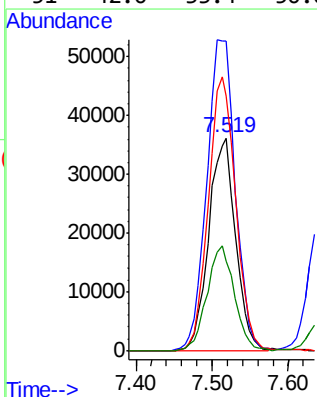
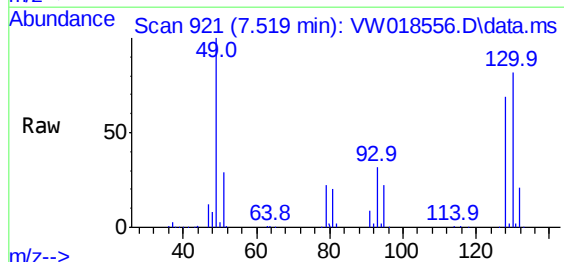
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

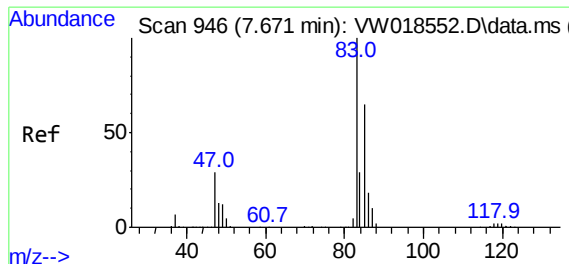
Tgt Ion: 96 Resp: 201438
Ion Ratio Lower Upper
96 100
61 120.6 84.8 157.6
98 64.0 45.1 83.9



#23
Bromochloromethane
Concen: 28.00 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 128 Resp: 88498
Ion Ratio Lower Upper
128 100
49 145.7 92.4 171.6
130 120.0 83.9 155.7
51 42.0 33.4 50.0

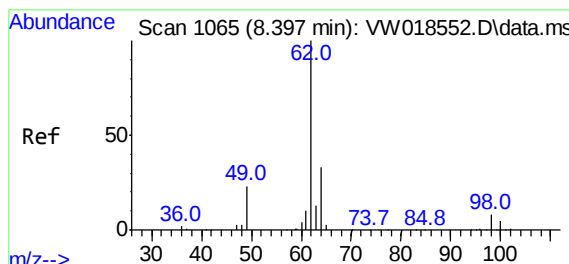
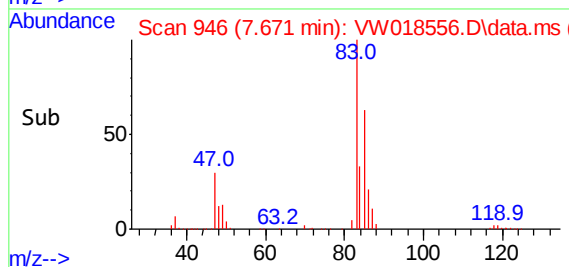
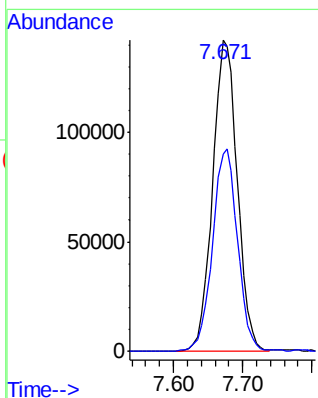
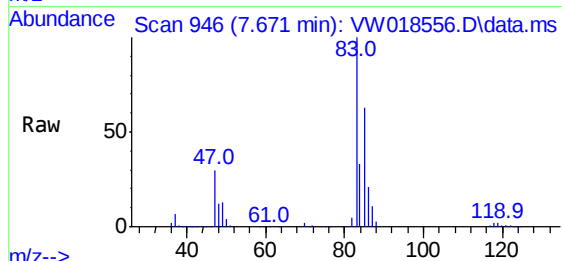




#25
Chloroform
Concen: 28.53 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

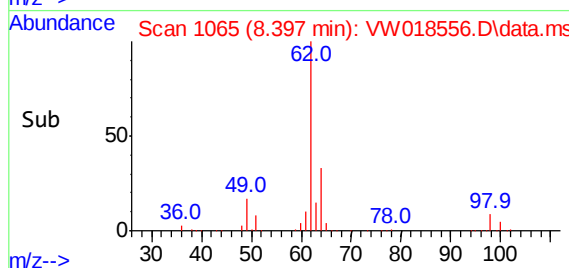
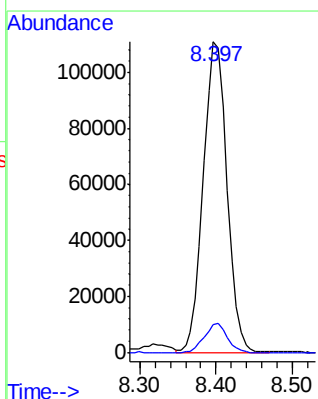
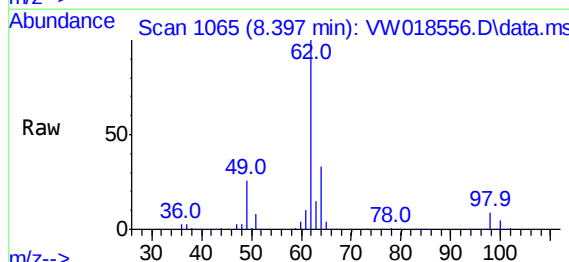
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

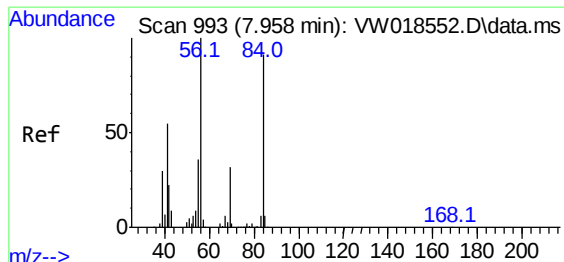
Tgt Ion: 83 Resp: 350848
Ion Ratio Lower Upper
83 100
85 65.9 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.50 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 62 Resp: 239869
Ion Ratio Lower Upper
62 100
98 9.2 6.4 9.6

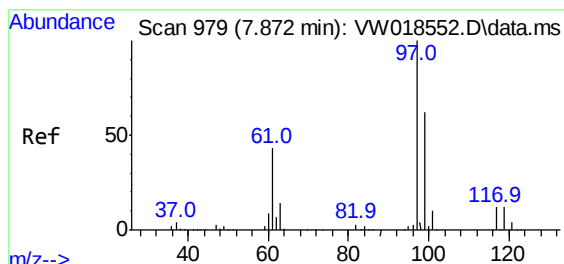
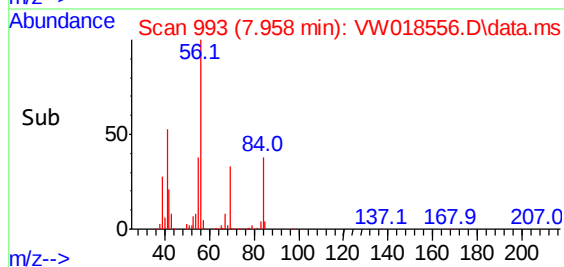
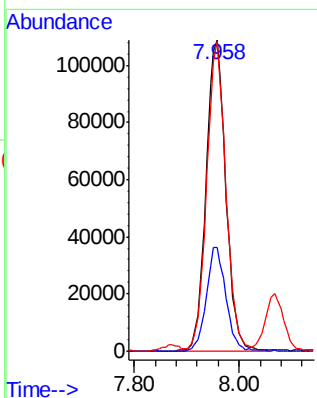
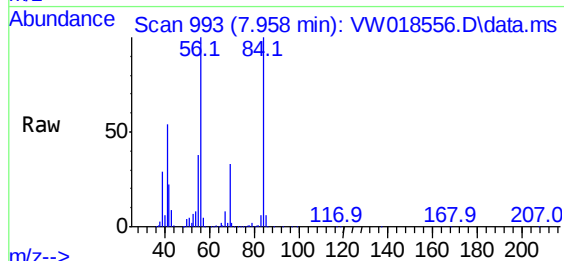




#30
Cyclohexane
Concen: 26.13 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

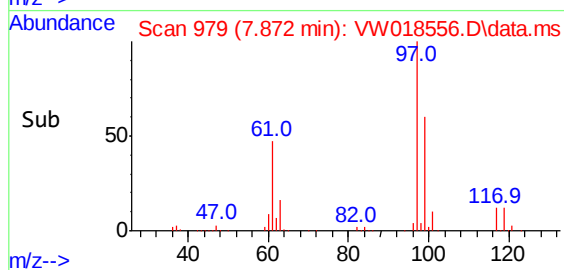
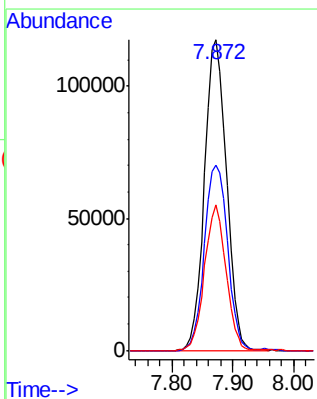
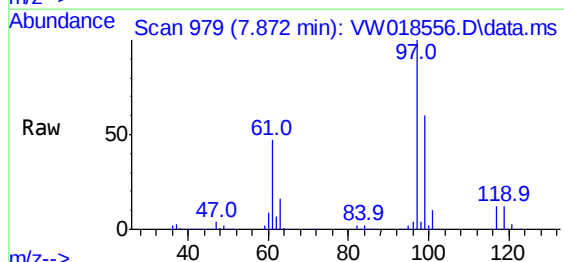
Instrument :
MSVOA_W
ClientSampled :
VSTD02529

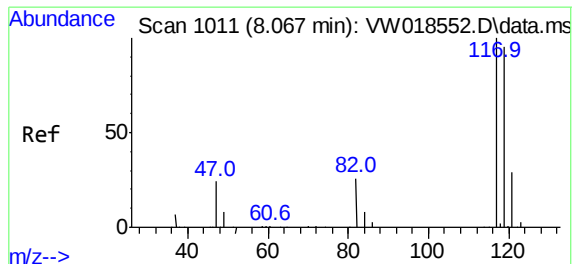
Tgt Ion: 56 Resp: 282535
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 96.9 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 28.83 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 97 Resp: 293498
Ion Ratio Lower Upper
97 100
99 62.9 51.7 77.5
61 45.7 34.8 52.2

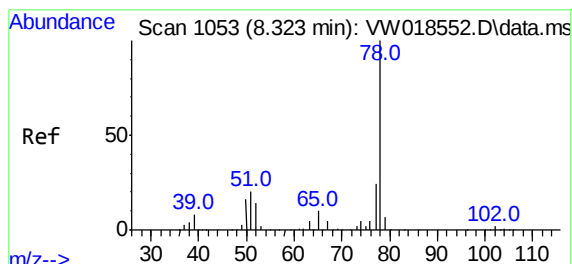
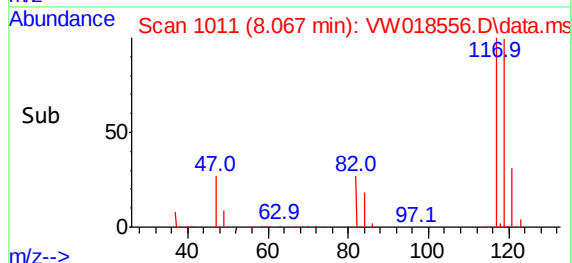
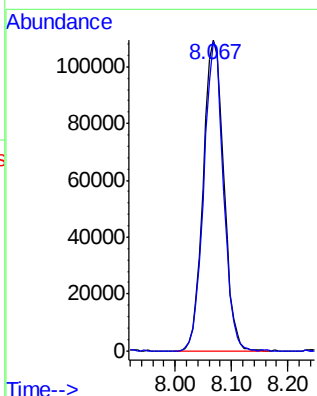
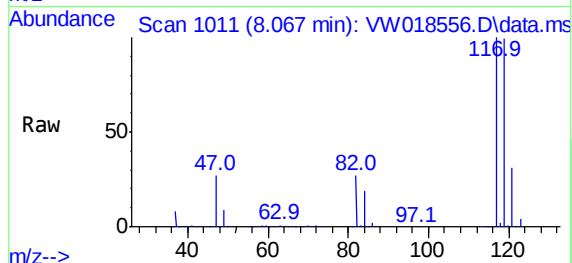




#32
Carbon tetrachloride
Concen: 28.87 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

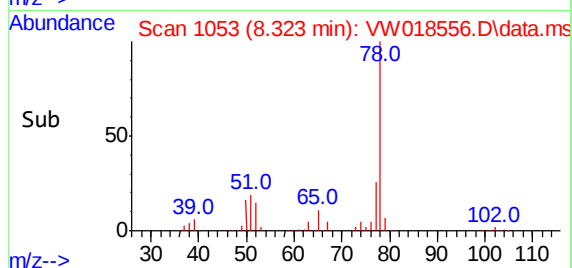
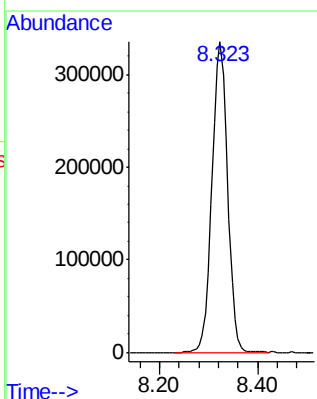
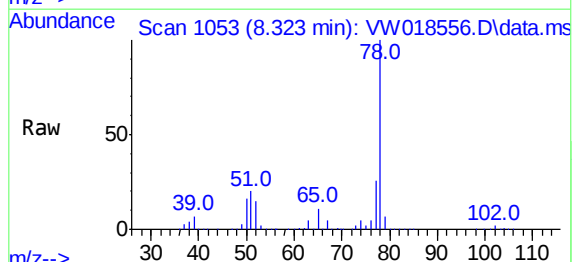
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

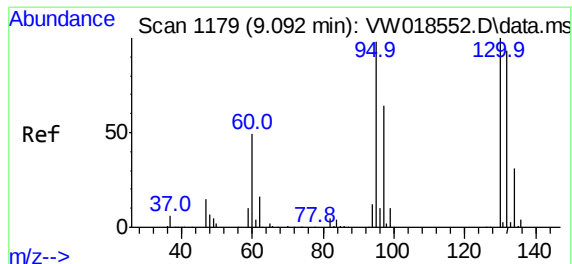
Tgt Ion:117 Resp: 273876
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1



#34
Benzene
Concen: 28.16 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 78 Resp: 742818



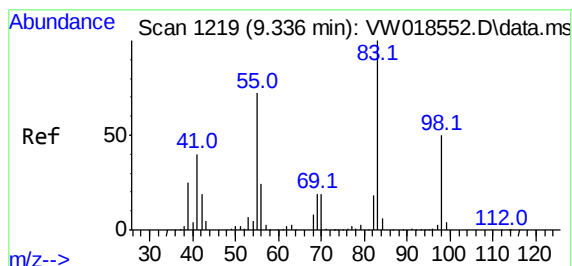
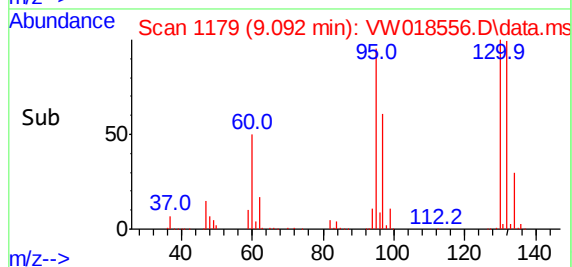
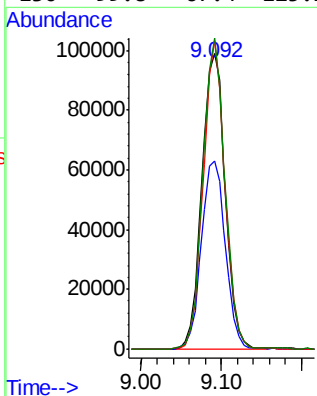
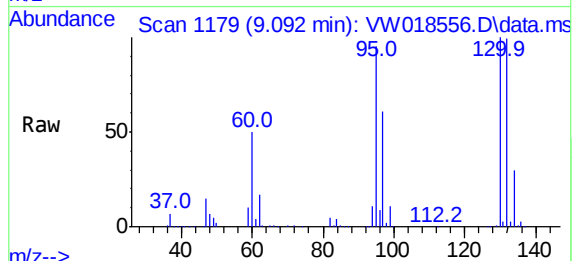


#35
Trichloroethene
Concen: 27.46 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion: 95 Resp: 200105

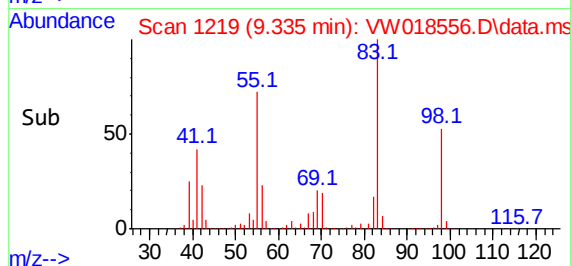
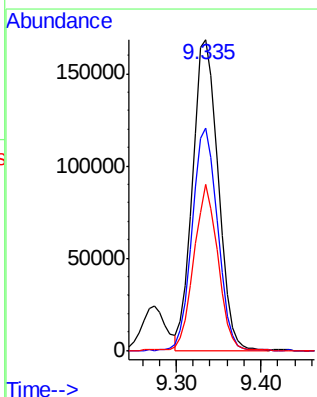
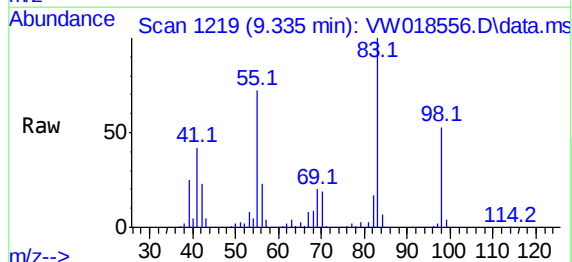
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.4	82.4
132	97.0	65.9	122.5
130	99.8	67.4	125.2

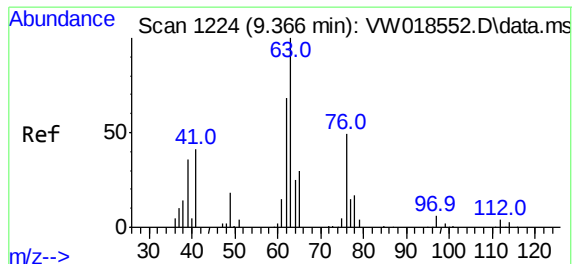


#36
Methylcyclohexane
Concen: 27.02 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 83 Resp: 344819

Ion	Ratio	Lower	Upper
83	100		
55	70.8	56.8	85.2
98	50.2	40.6	61.0

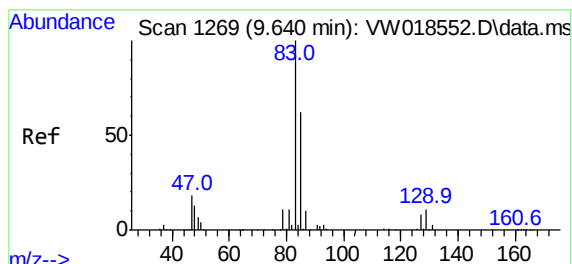
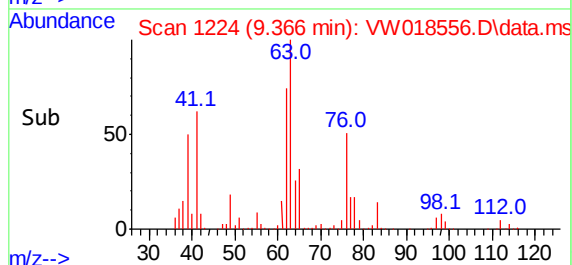
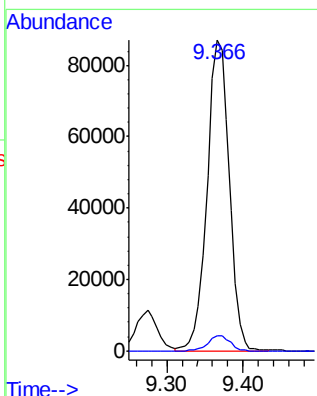
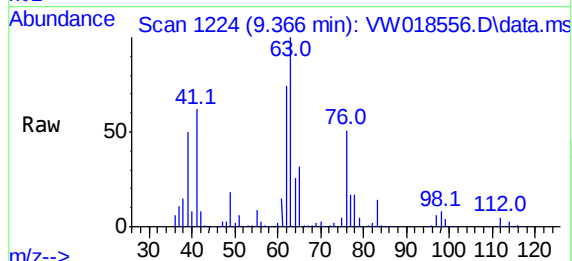




#40
1,2-Dichloropropane
Concen: 27.34 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

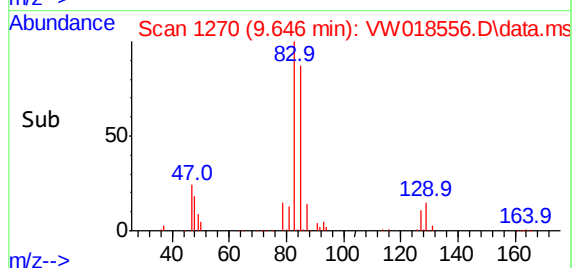
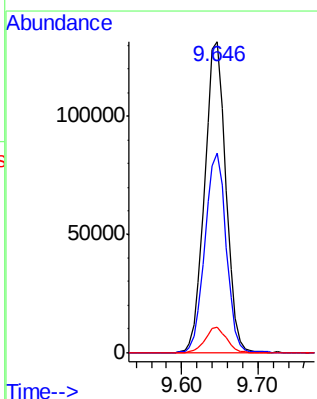
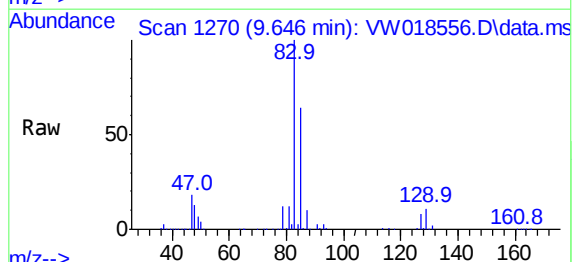
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

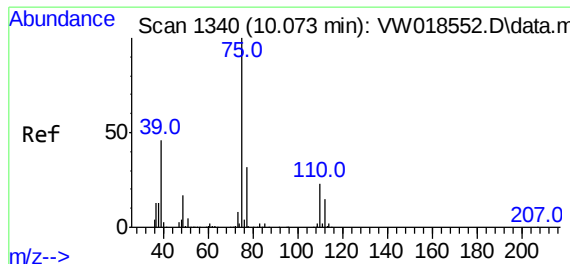
Tgt Ion: 63 Resp: 176428
Ion Ratio Lower Upper
63 100
112 4.9 4.2 6.4



#41
Bromodichloromethane
Concen: 27.82 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 83 Resp: 253724
Ion Ratio Lower Upper
83 100
85 64.0 43.8 81.4
127 8.3 6.9 10.3

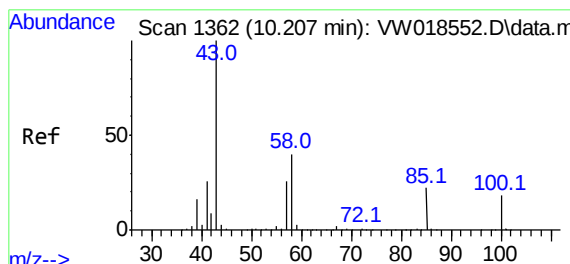
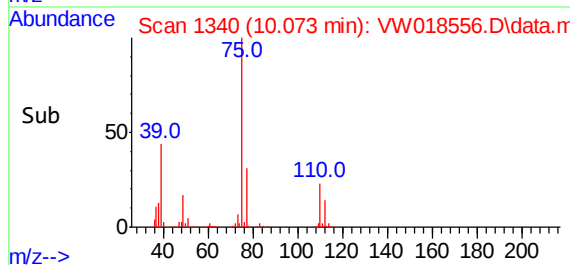
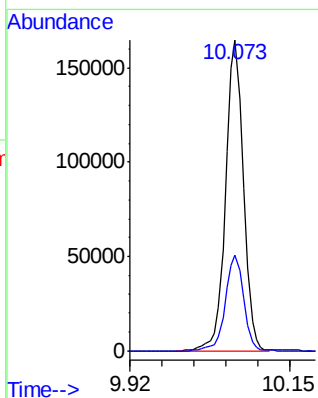
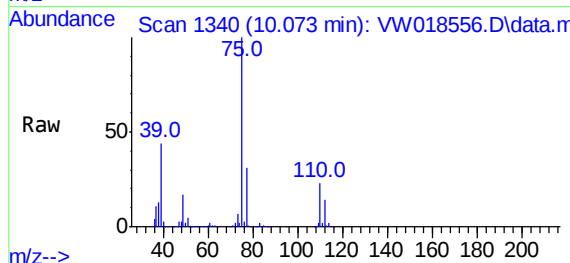




#42
cis-1,3-Dichloropropene
Concen: 27.11 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

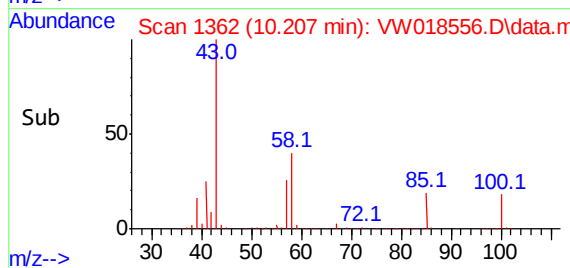
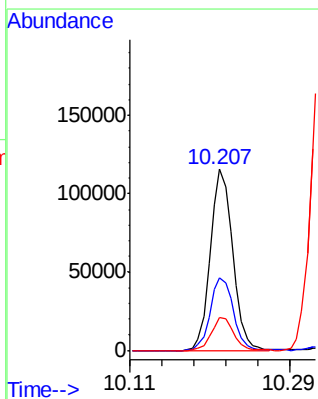
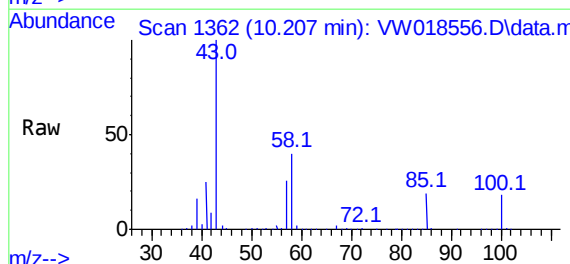
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

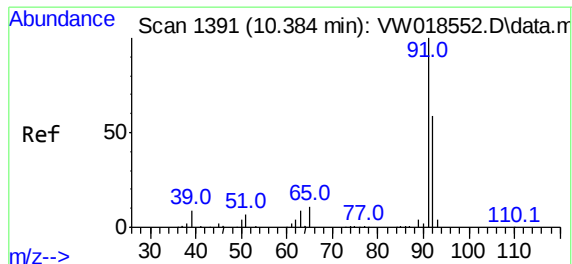
Tgt Ion: 75 Resp: 295759
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 51.69 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 43 Resp: 200563
Ion Ratio Lower Upper
43 100
58 41.4 34.8 52.2
100 18.3 15.9 23.9





#44

Toluene

Concen: 28.33 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018556.D

Acq: 05 Apr 2021 14:57

Tgt Ion: 91 Resp: 849632

Ion Ratio Lower Upper

91 100

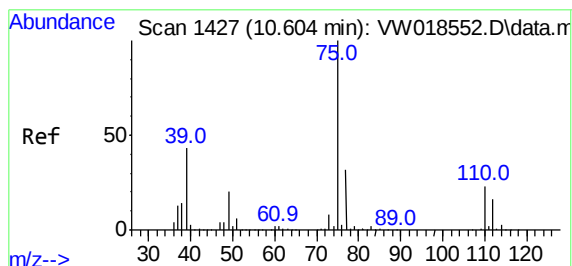
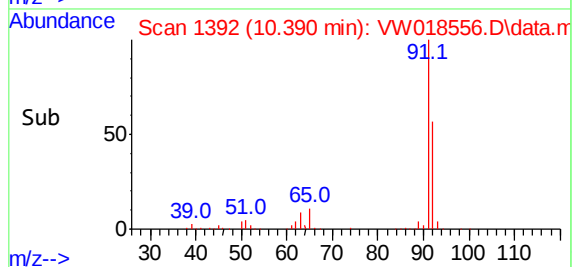
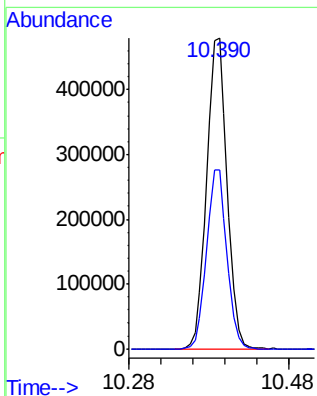
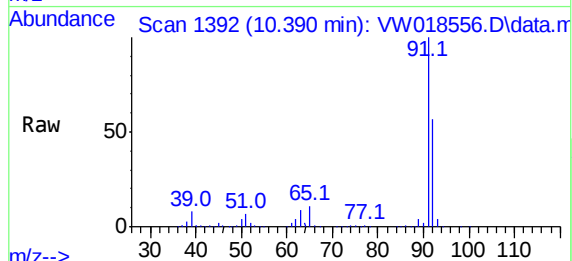
92 57.4 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02529



#45

trans-1,3-Dichloropropene

Concen: 26.69 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018556.D

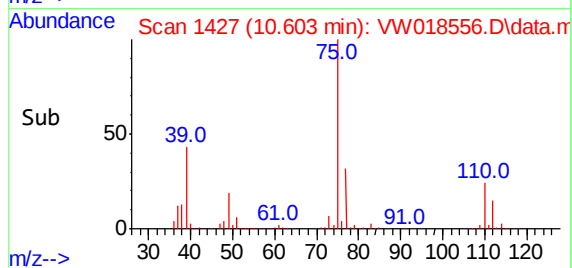
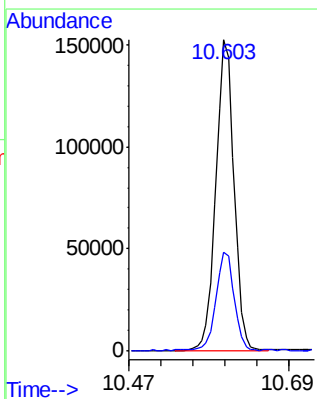
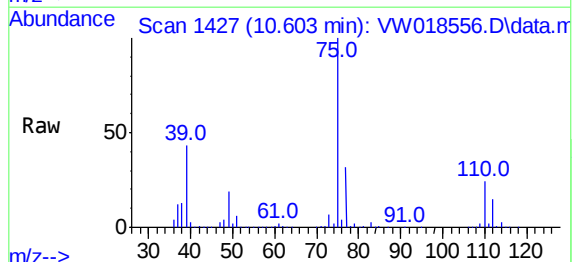
Acq: 05 Apr 2021 14:57

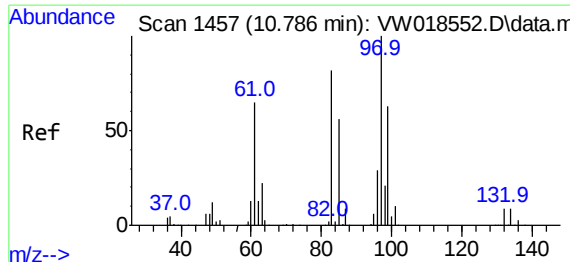
Tgt Ion: 75 Resp: 261531

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0



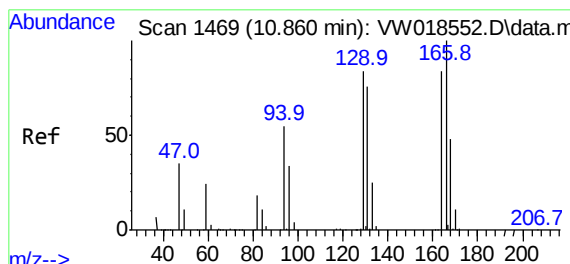
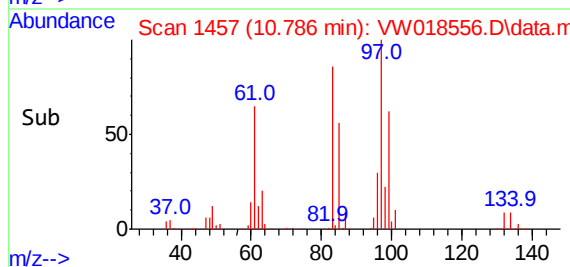
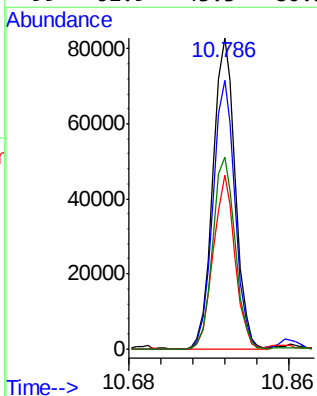
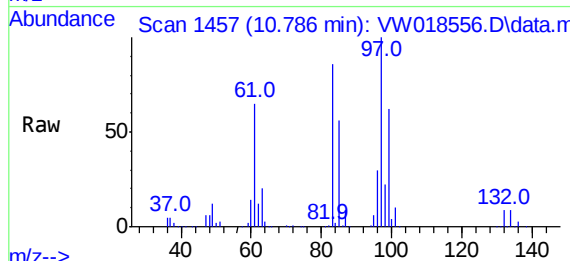


#46
1,1,2-Trichloroethane
Concen: 27.78 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion: 97 Resp: 142912

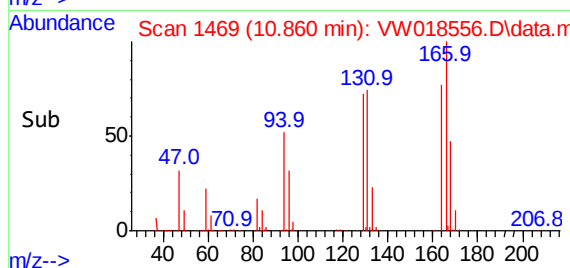
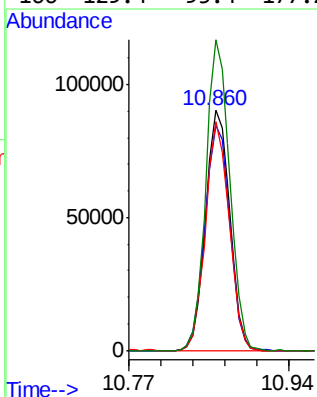
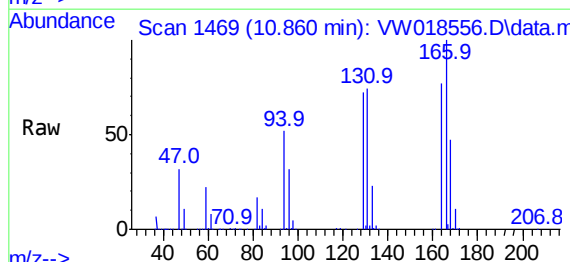
Ion	Ratio	Lower	Upper
97	100		
83	86.3	58.9	109.5
85	56.0	38.4	71.4
99	61.9	43.3	80.3

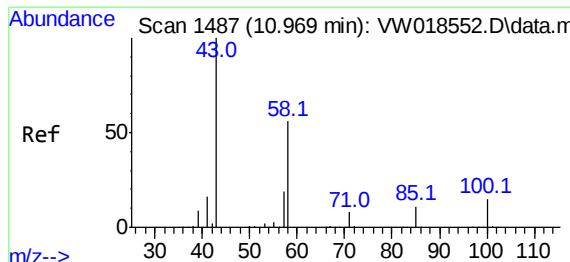


#47
Tetrachloroethene
Concen: 28.24 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 164 Resp: 156255

Ion	Ratio	Lower	Upper
164	100		
129	93.5	68.8	127.8
131	95.2	68.3	126.8
166	129.4	95.4	177.2



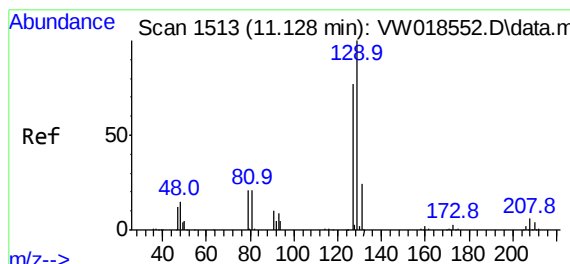
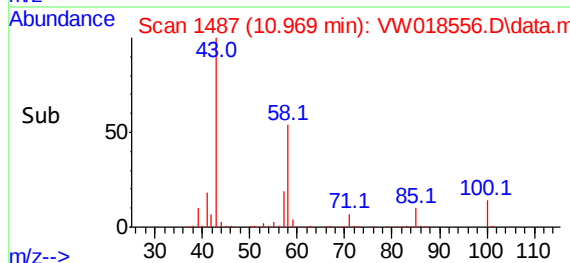
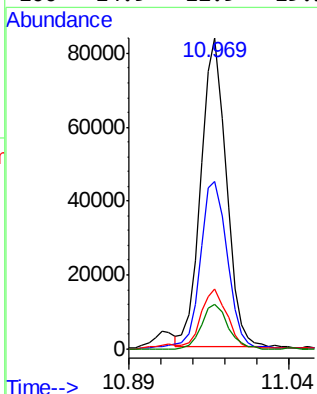
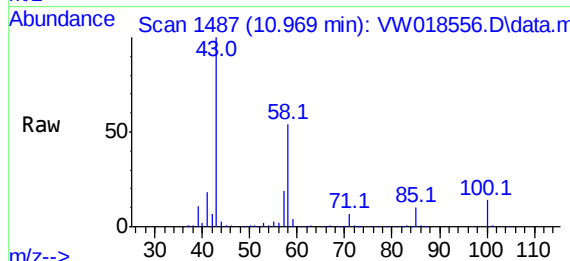


#49
2-Hexanone
Concen: 49.10 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion: 43 Resp: 134802

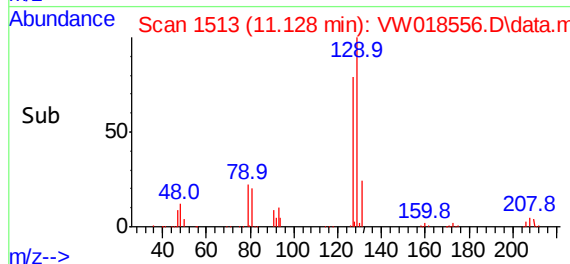
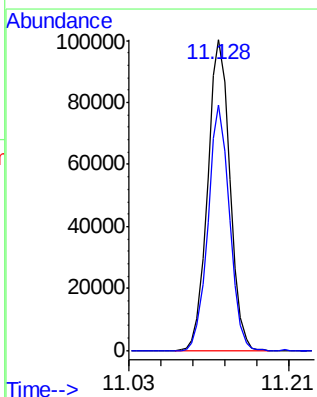
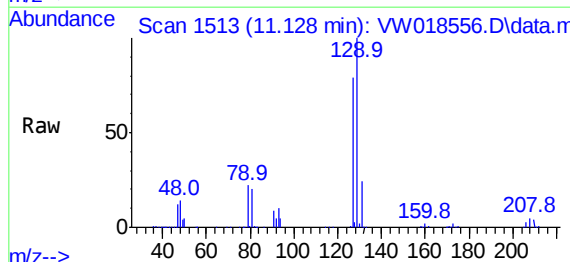
Ion	Ratio	Lower	Upper
43	100		
58	58.1	47.3	70.9
57	20.0	17.3	25.9
100	14.9	12.9	19.3

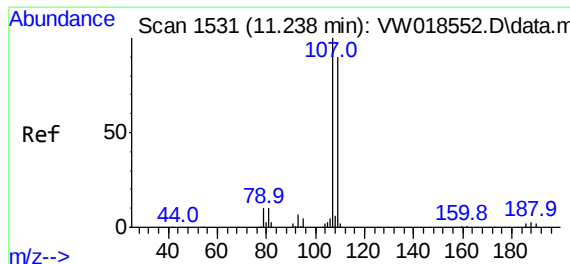


#50
Dibromochloromethane
Concen: 28.44 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 129 Resp: 172547

Ion	Ratio	Lower	Upper
129	100		
127	78.9	58.0	107.6

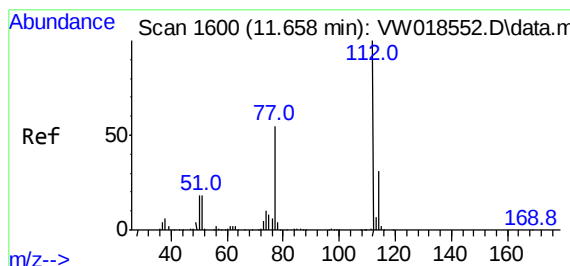
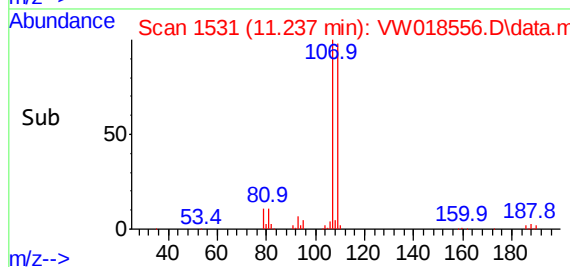
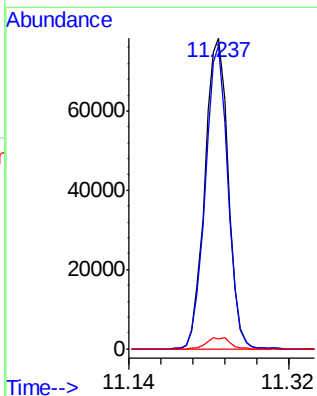
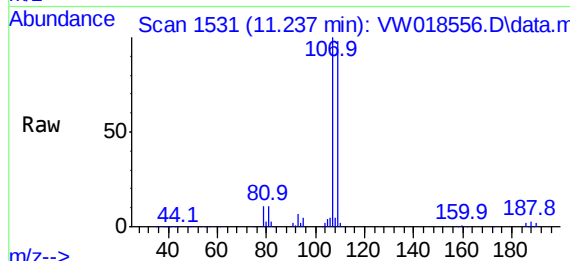




#51
1,2-Dibromoethane
Concen: 27.78 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

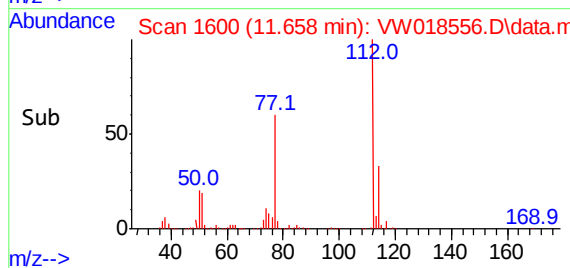
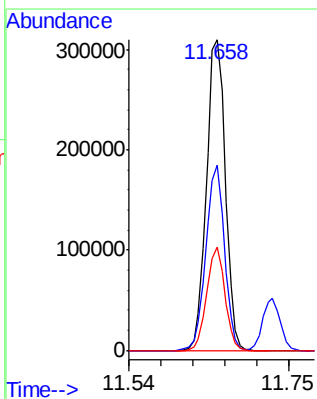
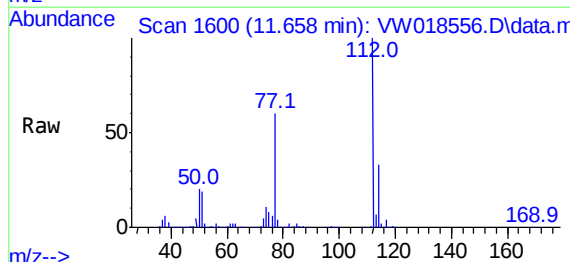
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

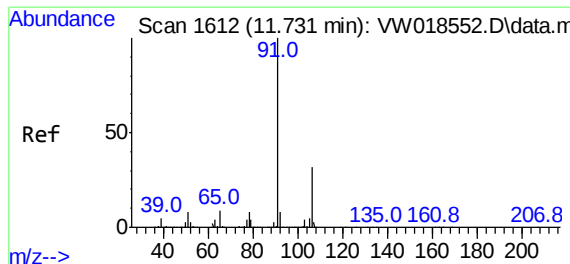
Tgt Ion:107 Resp: 141533
Ion Ratio Lower Upper
107 100
109 97.6 65.9 122.5
188 3.3 3.0 4.4



#52
Chlorobenzene
Concen: 27.95 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion:112 Resp: 531566
Ion Ratio Lower Upper
112 100
77 59.6 45.4 68.2
114 33.5 22.5 41.9

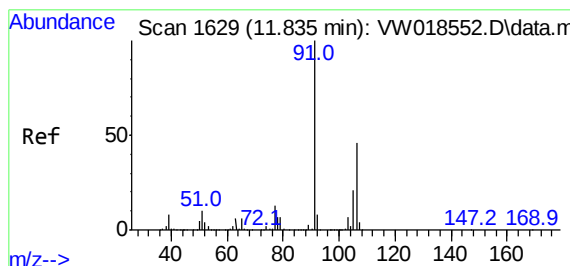
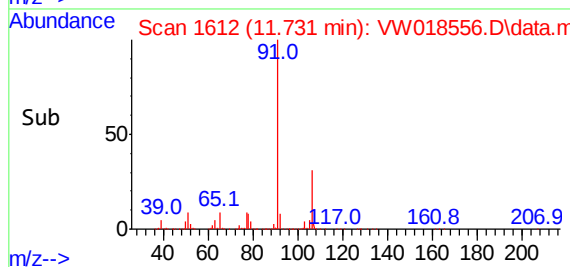
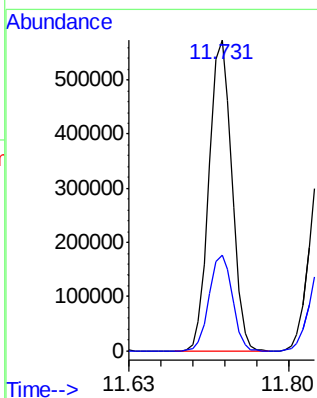
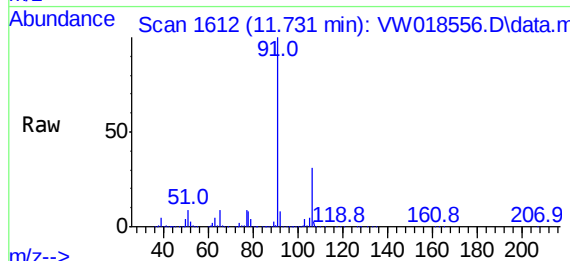




#53
Ethylbenzene
Concen: 27.76 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

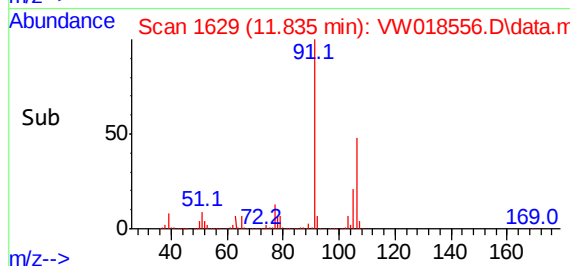
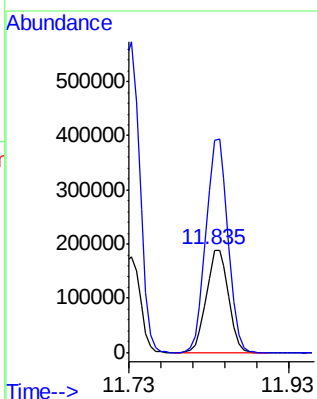
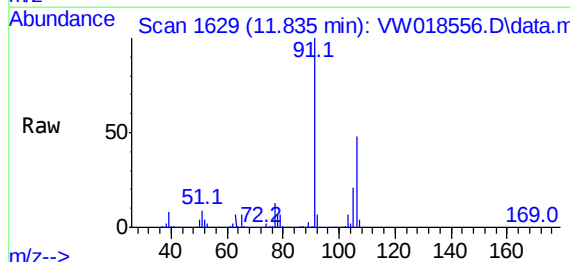
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

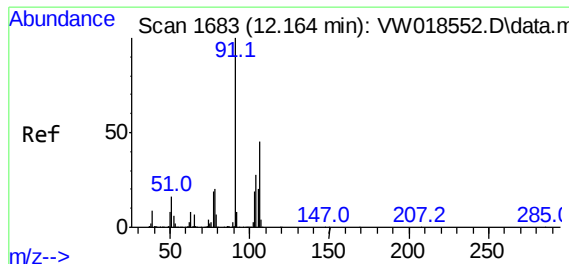
Tgt Ion: 91 Resp: 938546
Ion Ratio Lower Upper
91 100
106 30.7 21.7 40.3



#54
m,p-Xylene
Concen: 27.95 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 106 Resp: 361066
Ion Ratio Lower Upper
106 100
91 207.2 145.3 269.8

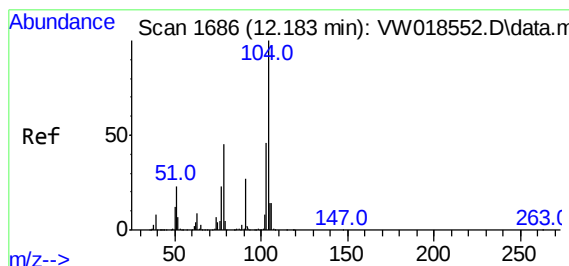
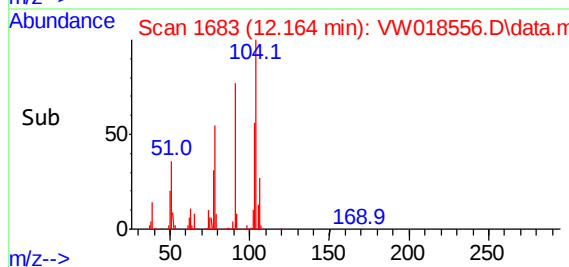
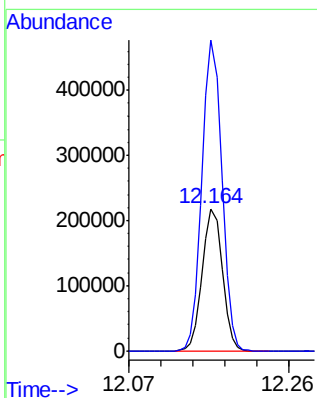
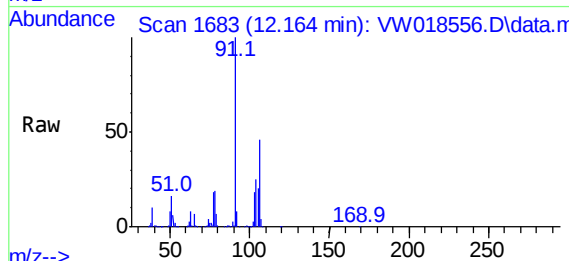




#55
o-xylene
Concen: 28.24 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

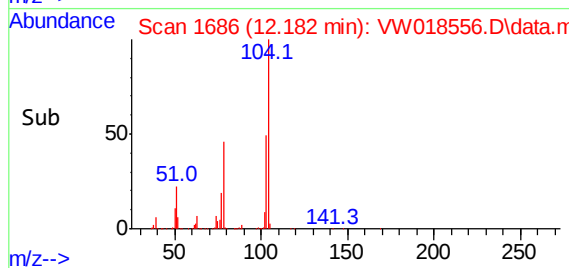
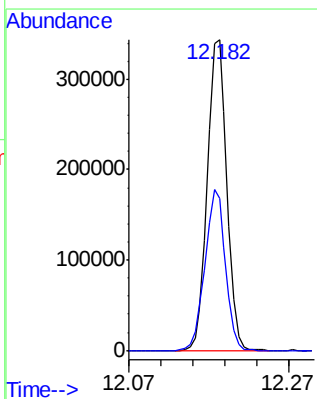
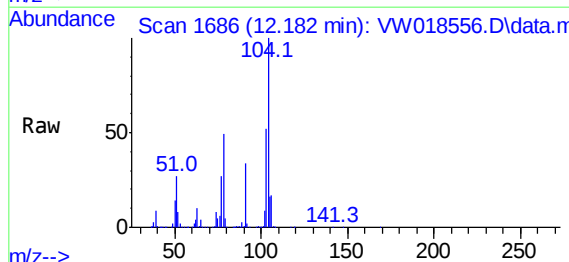
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

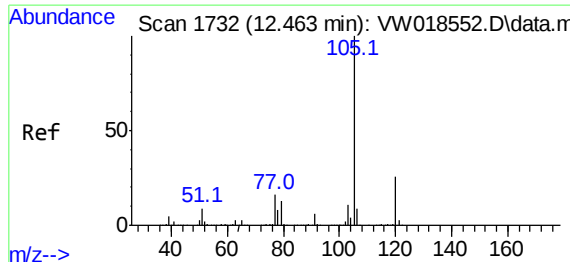
Tgt Ion:106 Resp: 347799
Ion Ratio Lower Upper
106 100
91 218.3 154.3 286.5



#56
Styrene
Concen: 27.72 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion:104 Resp: 582255
Ion Ratio Lower Upper
104 100
78 48.7 34.7 64.5



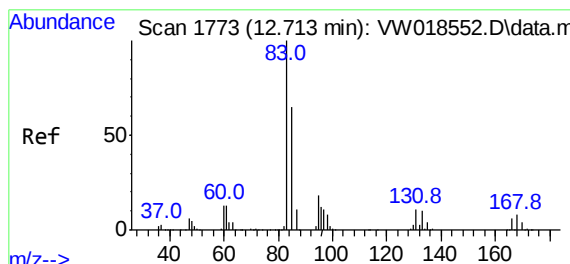
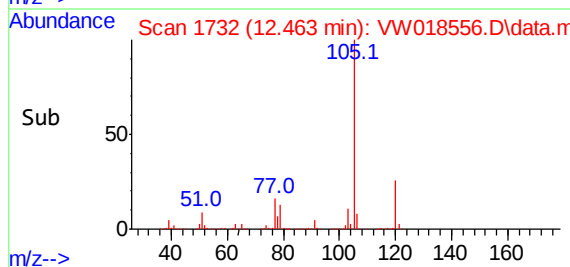
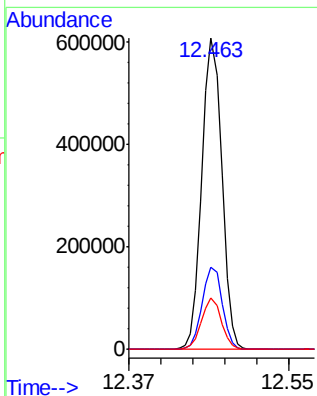
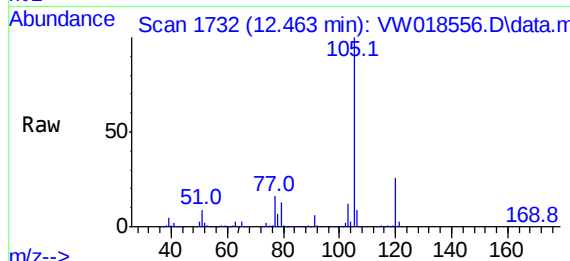


#57
Isopropylbenzene
Concen: 28.53 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion: 105 Resp: 955556

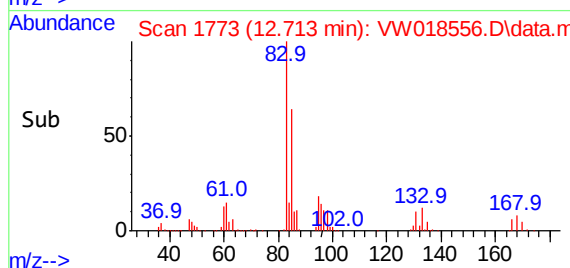
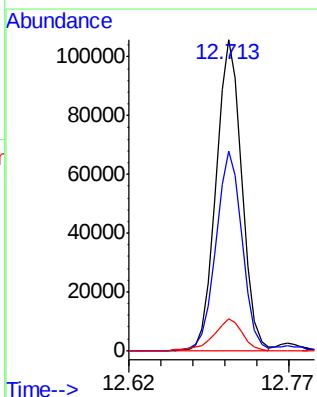
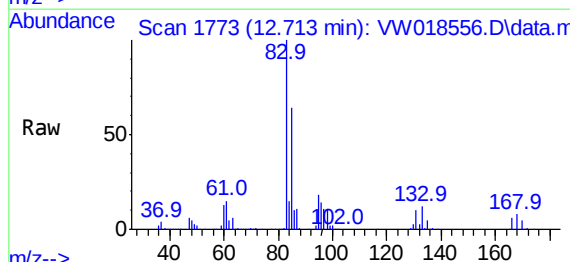
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.9	31.3
77	15.9	13.2	19.8

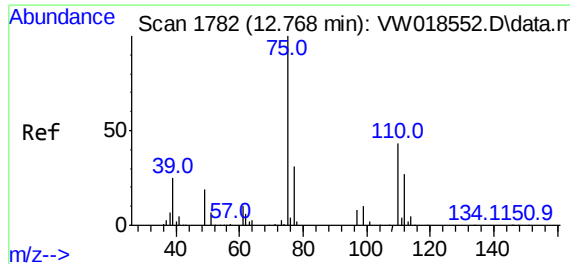


#58
1,1,2,2-Tetrachloroethane
Concen: 27.80 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 83 Resp: 173109

Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.0	91.0
131	10.3	8.7	13.1

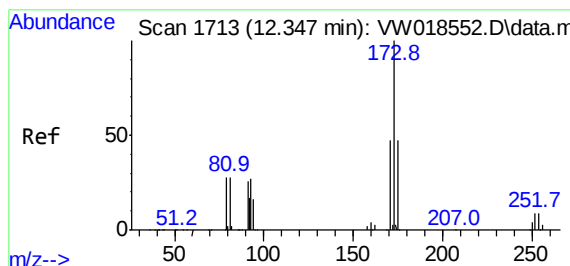
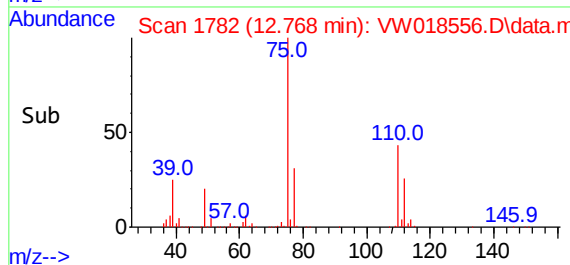
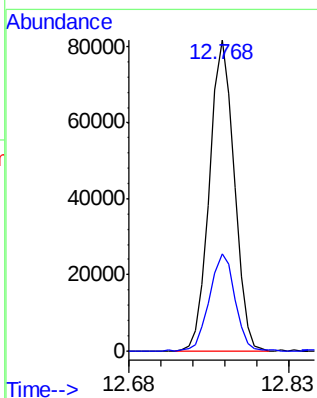
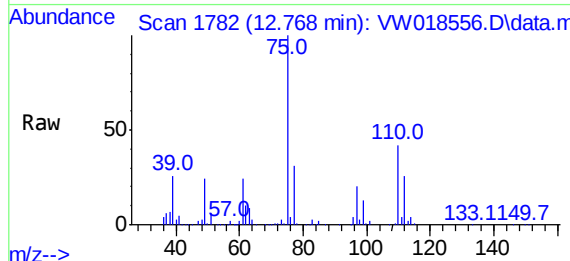




#59
1,2,3-Trichloropropane
Concen: 27.33 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

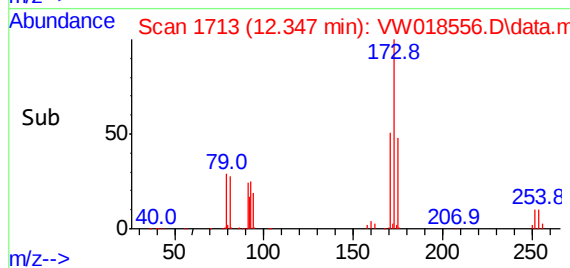
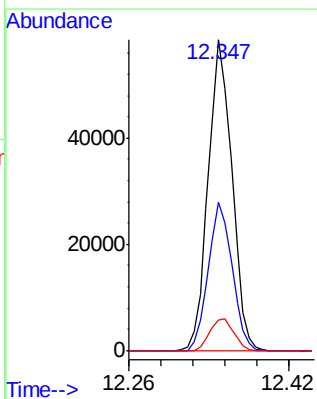
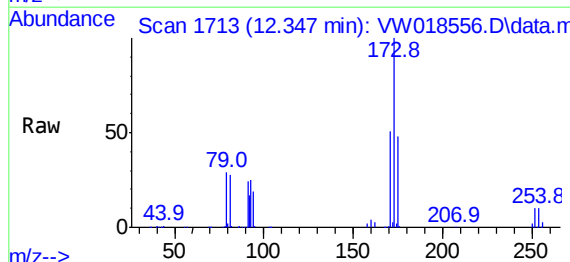
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

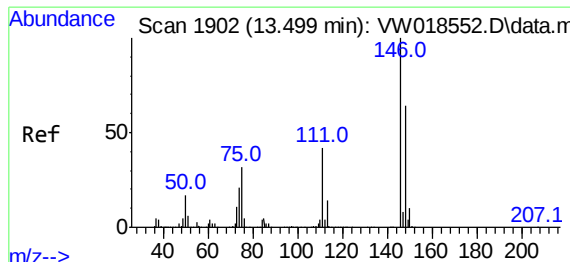
Tgt Ion: 75 Resp: 128468
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#62
Bromoform
Concen: 25.35 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 173 Resp: 94356
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 10.1 6.0 9.0#

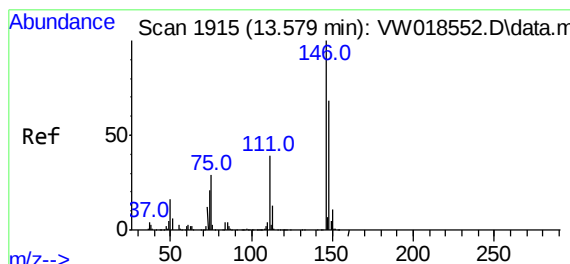
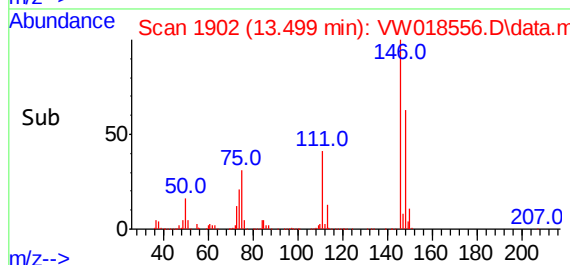
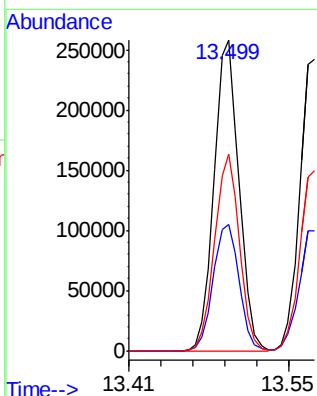
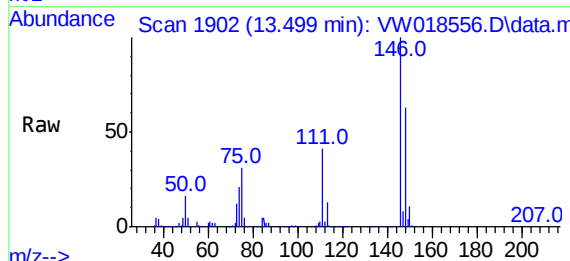




#63
1,3-Dichlorobenzene
Concen: 26.28 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

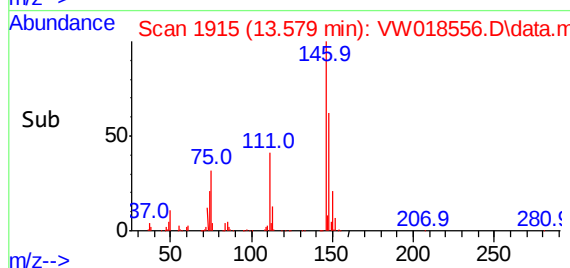
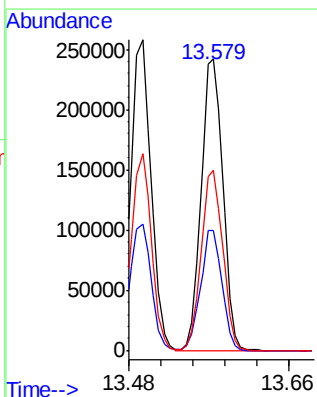
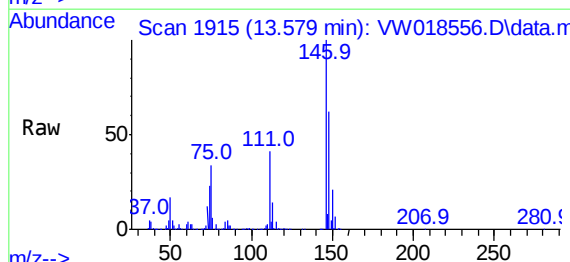
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

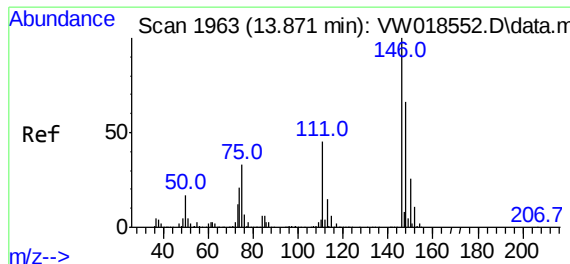
Tgt Ion:146 Resp: 408170
Ion Ratio Lower Upper
146 100
111 40.6 27.5 51.1
148 63.4 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 26.04 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion:146 Resp: 408114
Ion Ratio Lower Upper
146 100
111 41.0 28.3 52.5
148 61.8 47.3 87.9

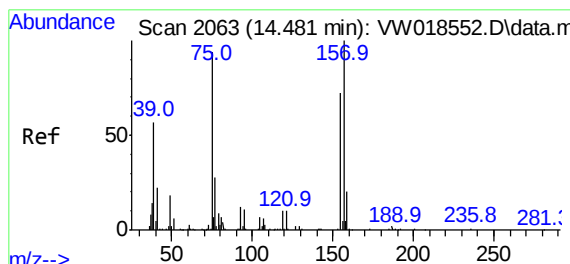
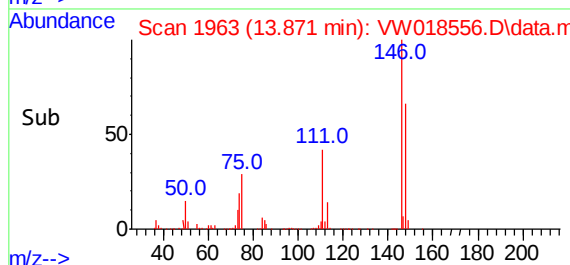
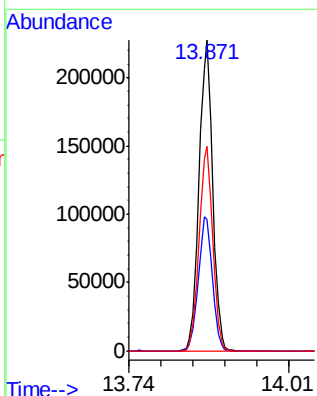
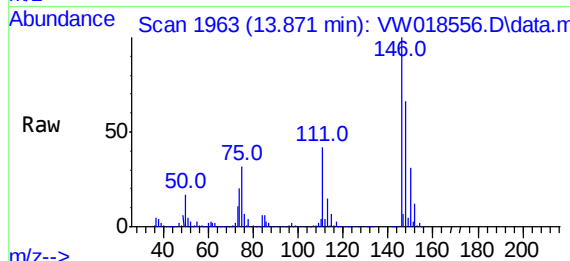




#65
1,2-Dichlorobenzene
Concen: 26.48 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

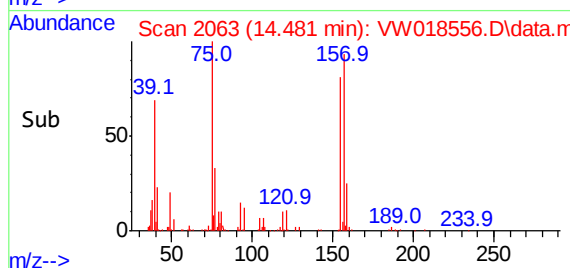
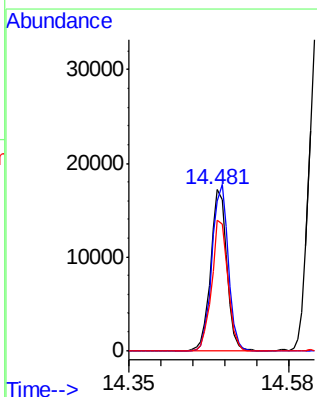
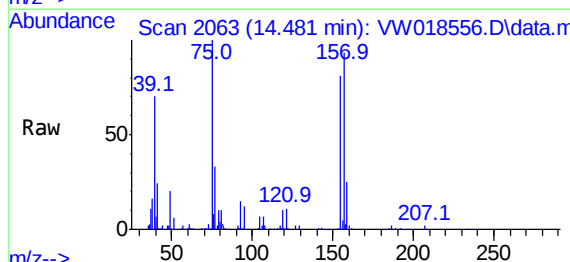
Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

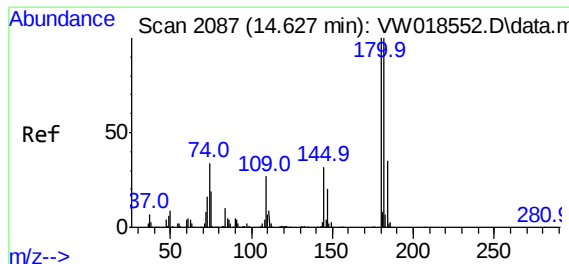
Tgt Ion:146 Resp: 367649
Ion Ratio Lower Upper
146 100
111 42.2 36.0 54.0
148 65.8 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 21.92 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion: 75 Resp: 27508
Ion Ratio Lower Upper
75 100
157 92.9 65.2 97.8
155 80.9 60.1 90.1

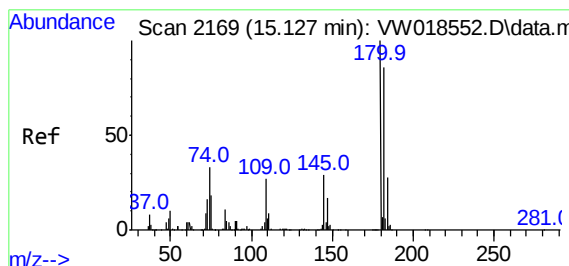
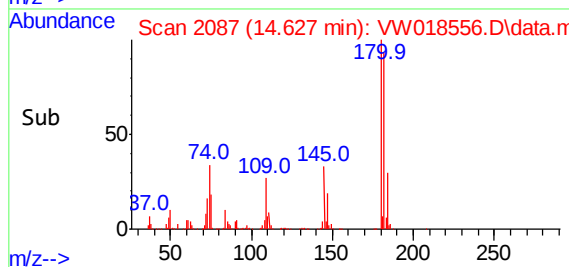
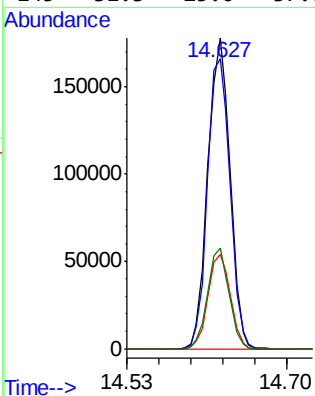
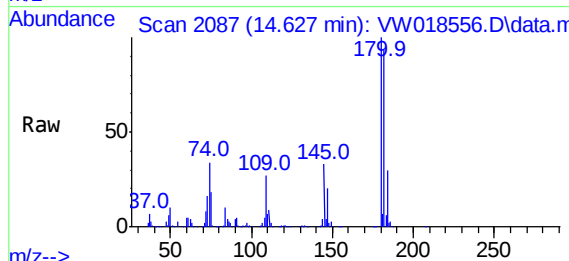




#67
 1,3,5-Trichlorobenzene
 Concen: 25.32 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018556.D
 Acq: 05 Apr 2021 14:57

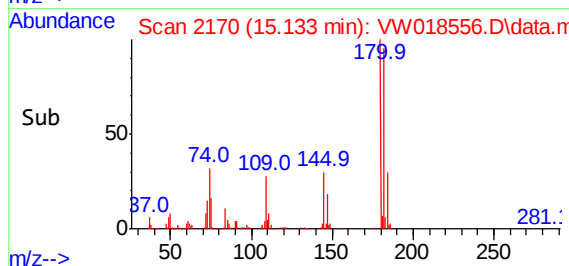
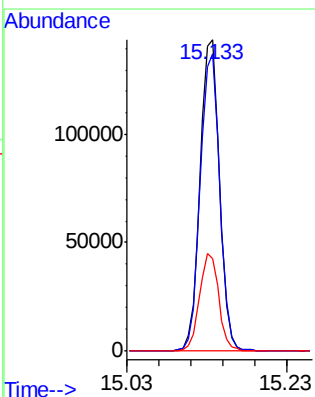
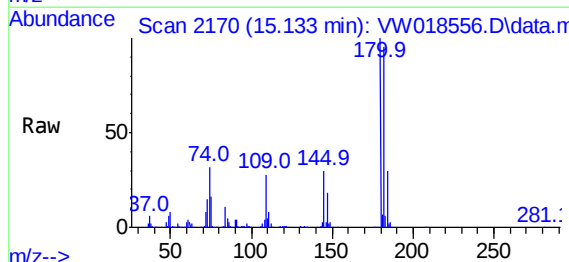
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

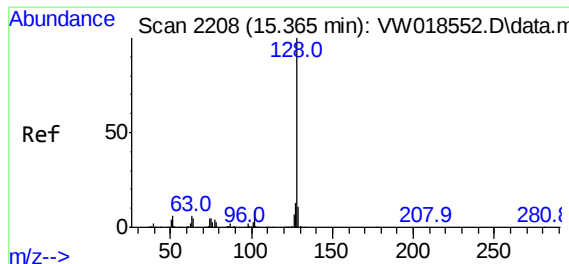
Tgt Ion:	180	Resp:	283602
Ion	Ratio	Lower	Upper
180	100		
182	95.4	71.8	107.8
184	30.6	23.5	35.3
145	31.3	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 25.20 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW018556.D
 Acq: 05 Apr 2021 14:57

Tgt Ion:	180	Resp:	240234
Ion	Ratio	Lower	Upper
180	100		
182	95.7	70.2	105.4
145	30.8	24.9	37.3

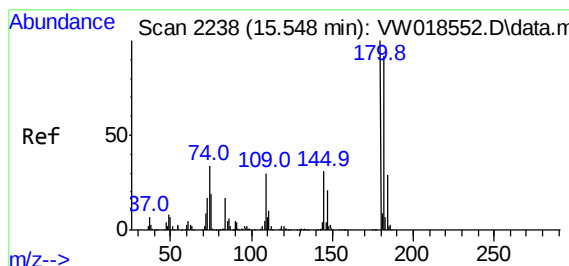
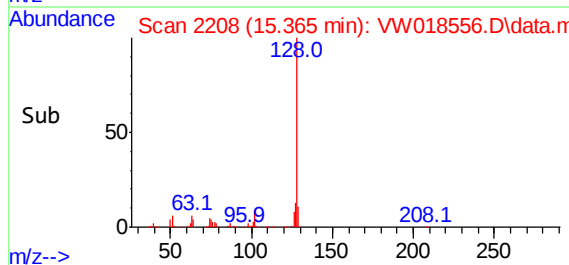
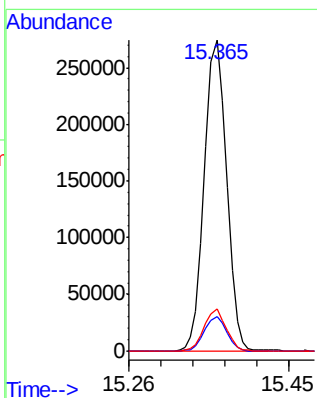
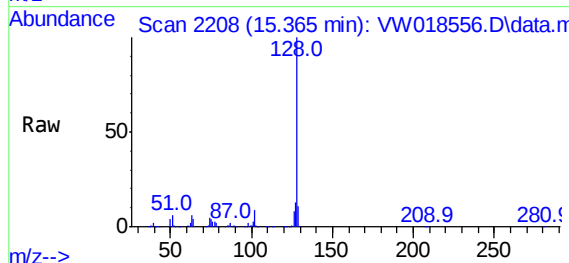




#69
Naphthalene
Concen: 24.52 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD02529

Tgt Ion:128 Resp: 486686
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.56 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018556.D
Acq: 05 Apr 2021 14:57

Tgt Ion:180 Resp: 204260
Ion Ratio Lower Upper
180 100
182 96.3 76.5 114.7
145 33.5 27.7 41.5

