

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\
 Data File : VW018229.D
 Acq On : 23 Feb 2021 16:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025101

Quant Time: Feb 24 00:35:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	429479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	390770	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201565	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	113443	23.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.60%		
7) Chloroethane-d5	2.898	69	90296	24.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.12%		
11) 1,1-Dichloroethene-d2	4.032	63	227835	23.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.60%		
21) 2-Butanone-d5	7.080	46	63207	61.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.54%		
24) Chloroform-d	7.647	84	249082	23.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.56%		
26) 1,2-Dichloroethane-d4	8.305	65	129904	24.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.92%		
32) Benzene-d6	8.275	84	486644	23.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.64%		
36) 1,2-Dichloropropane-d6	9.275	67	136190	24.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.44%		
41) Toluene-d8	10.323	98	464613	23.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.36%		
43) trans-1,3-Dichloroprop...	10.579	79	65042	25.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.12%		
47) 2-Hexanone-d5	10.921	63	55800	62.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.62%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	124638	27.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.12%		
66) 1,2-Dichlorobenzene-d4	13.853	152	171955	23.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	120614	23.60	ug/L	94
3) Chloromethane	2.221	50	98680	25.18	ug/L	98
5) Vinyl chloride	2.367	62	142016	25.21	ug/L	99
6) Bromomethane	2.788	94	99026	25.34	ug/L	98
8) Chloroethane	2.934	64	81446	25.84	ug/L	99
9) Trichlorofluoromethane	3.263	101	96486	23.95	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	137454	25.01	ug/L	89
12) 1,1-Dichloroethene	4.050	96	134736	25.33	ug/L	92
13) Acetone	4.117	43	40020	57.54	ug/L	86
14) Carbon disulfide	4.391	76	391341	24.08	ug/L	99
15) Methyl Acetate	4.672	43	55328	30.41	ug/L	92
16) Methylene chloride	4.922	84	139795	23.99	ug/L	86
17) trans-1,2-Dichloroethene	5.428	96	143070	25.21	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	150453	26.60	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	227597	25.62	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	153960	26.12	ug/L	89
22) 2-Butanone	7.171	43	71555	64.64	ug/L	97
23) Bromochloromethane	7.513	128	74219	26.39	ug/L	79
25) Chloroform	7.677	83	250719	25.91	ug/L	100
27) 1,2-Dichloroethane	8.397	62	156501	26.74	ug/L #	93

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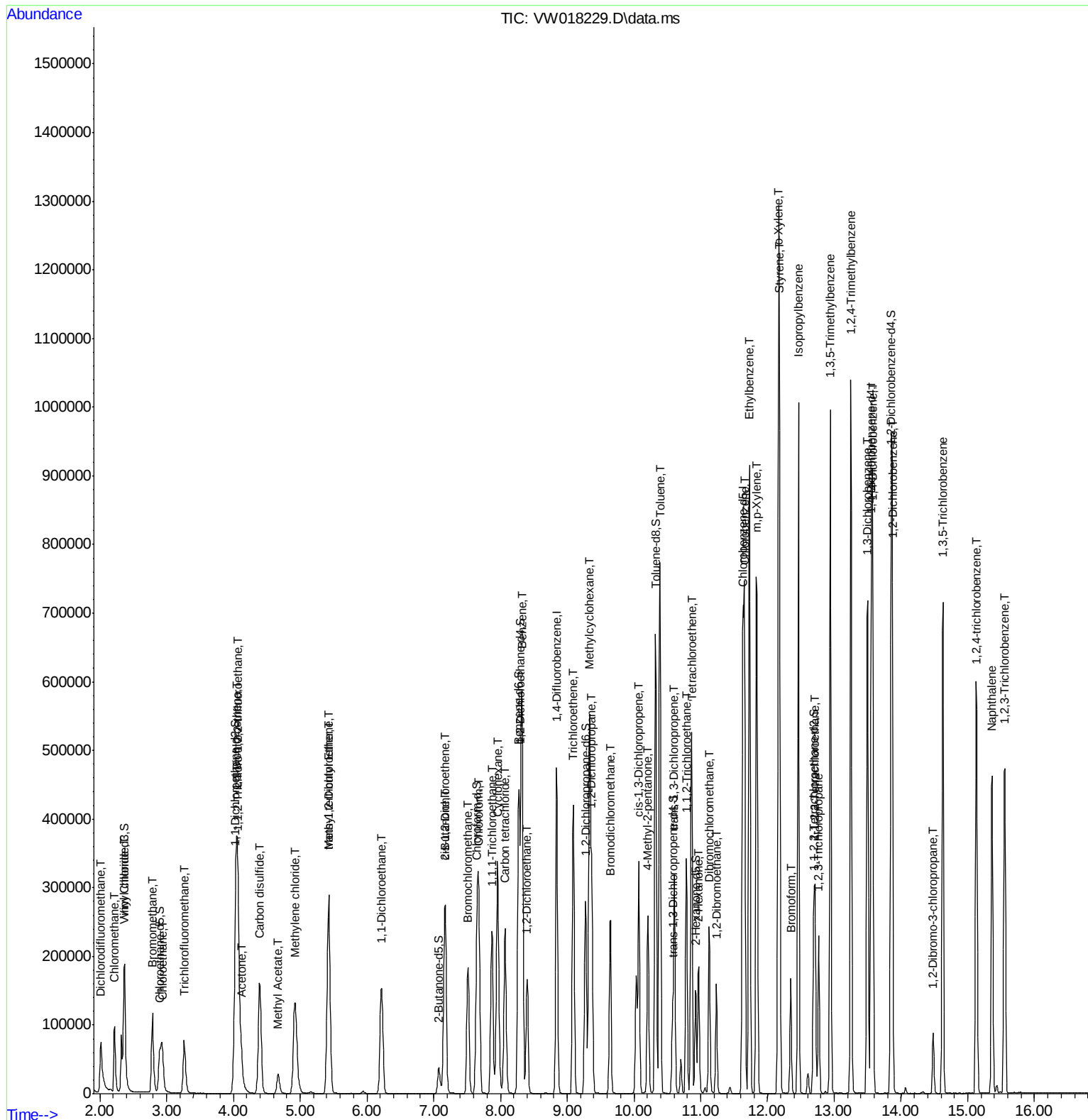
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	202193	25.80	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	198628	25.30	ug/L	95
31) Carbon tetrachloride	8.067	117	194631	25.56	ug/L	100
33) Benzene	8.324	78	545906	26.16	ug/L	100
34) Trichloroethene	9.092	95	148652	25.48	ug/L	93
35) Methylcyclohexane	9.336	83	244836	25.37	ug/L	96
37) 1,2-Dichloropropane	9.366	63	125522	26.03	ug/L	98
38) Bromodichloromethane	9.640	83	178393	26.41	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	205599	26.60	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	156671	63.98	ug/L #	90
42) Toluene	10.390	91	596367	25.94	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	182370	27.51	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	110104	27.90	ug/L	99
46) Tetrachloroethene	10.866	164	127603	24.67	ug/L	95
48) 2-Hexanone	10.969	43	109279	65.38	ug/L #	91
49) Dibromochloromethane	11.128	129	134441	27.56	ug/L	95
50) 1,2-Dibromoethane	11.232	107	112184	29.01	ug/L	99
51) Chlorobenzene	11.658	112	397723	25.88	ug/L	96
52) Ethylbenzene	11.731	91	663113	25.57	ug/L	100
53) m,p-Xylene	11.835	106	261458	25.82	ug/L	99
54) o-Xylene	12.164	106	246061	25.70	ug/L	97
55) Styrene	12.176	104	428609	26.68	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	129497	29.32	ug/L	100
59) Bromoform	12.347	173	79869	27.85	ug/L #	96
60) Isopropylbenzene	12.463	105	673321	25.59	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	96118	29.12	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	563220	25.54	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	571662	26.01	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	317158	25.08	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	320502	25.30	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	291250	25.66	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	22073	30.77	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.627	180	240996	24.77	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	209013	25.97	ug/L	97
71) Naphthalene	15.365	128	419971	29.72	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	183672	26.06	ug/L	97

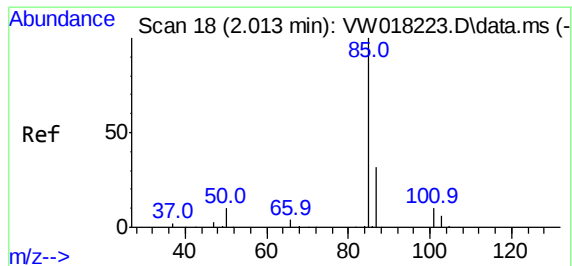
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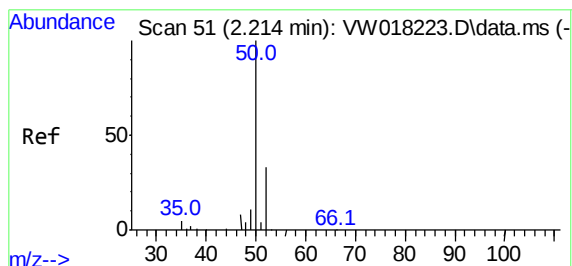
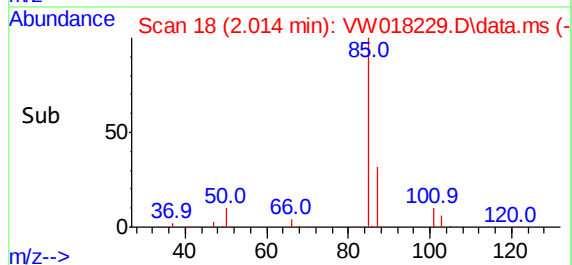
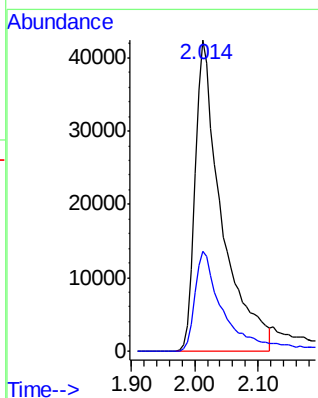
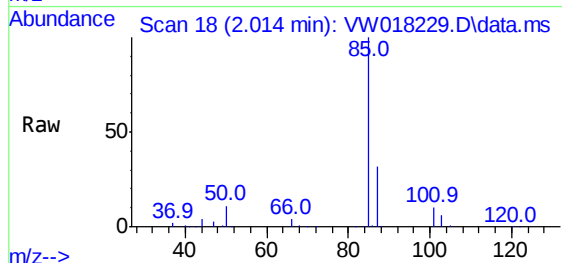




#2
Dichlorodifluoromethane
Concen: 23.60 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

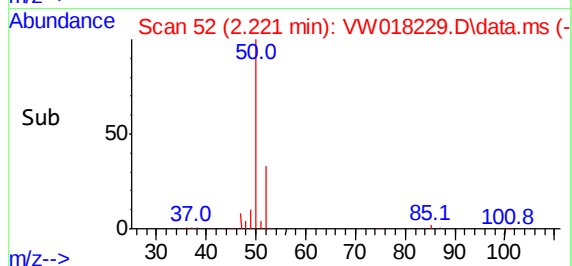
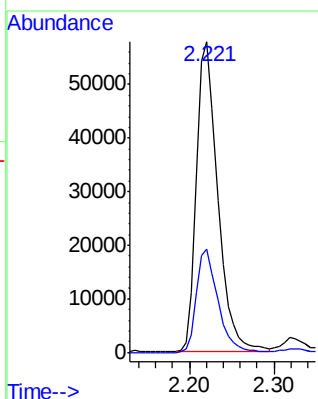
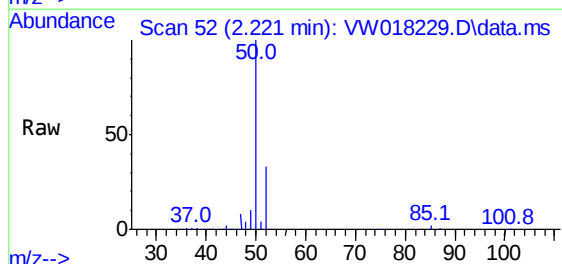
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ClientSampleId :
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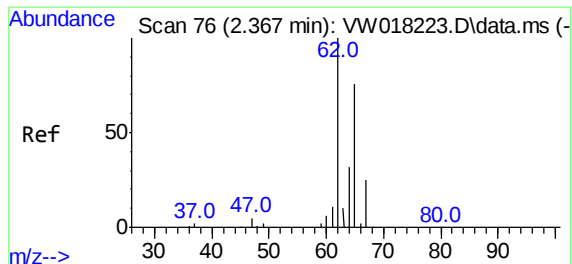
Tgt Ion: 85 Resp: 120614
Ion Ratio Lower Upper
85 100
87 32.5 23.3 34.9



#3
Chloromethane
Concen: 25.18 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 50 Resp: 98680
Ion Ratio Lower Upper
50 100
52 33.4 22.5 41.9

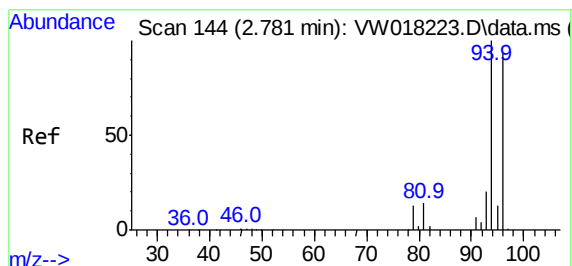
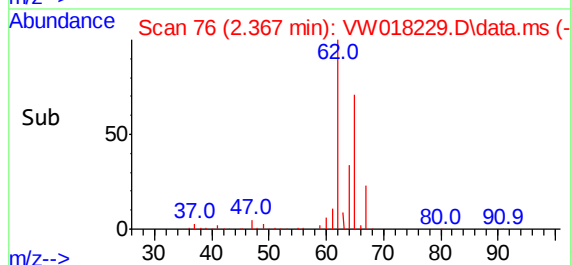
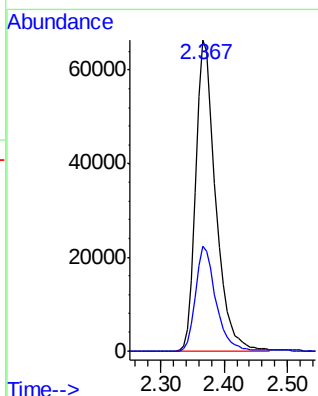
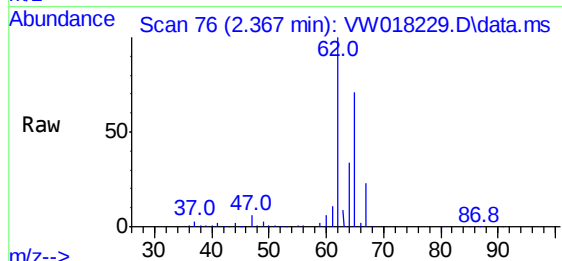




#5
 Vinyl chloride
 Concen: 25.21 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018229.D
 Acq: 23 Feb 2021 16:25

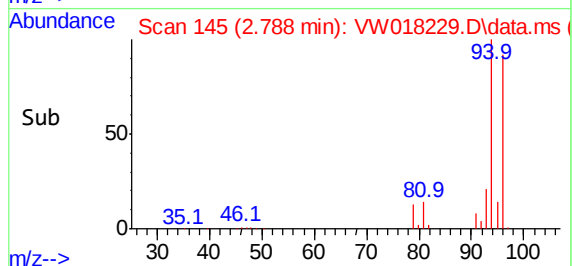
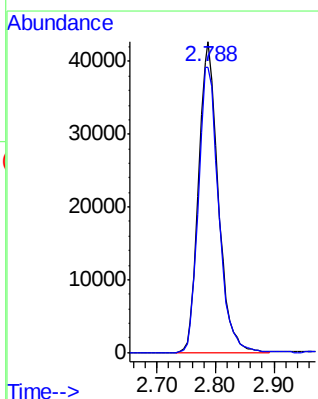
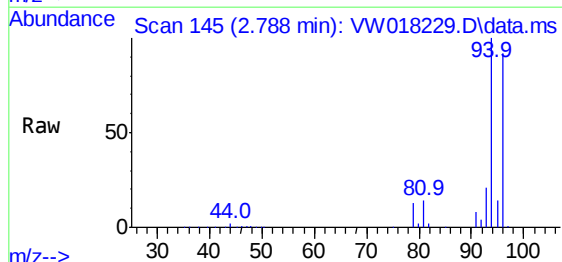
Instrument :
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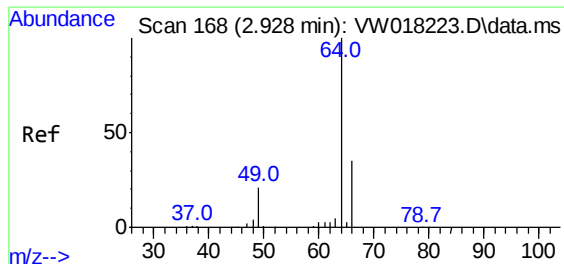
Tgt Ion: 62 Resp: 142016
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.2 45.0



#6
 Bromomethane
 Concen: 25.34 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018229.D
 Acq: 23 Feb 2021 16:25

Tgt Ion: 94 Resp: 99026
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.3 121.3

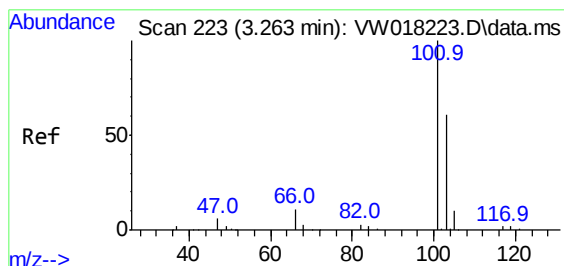
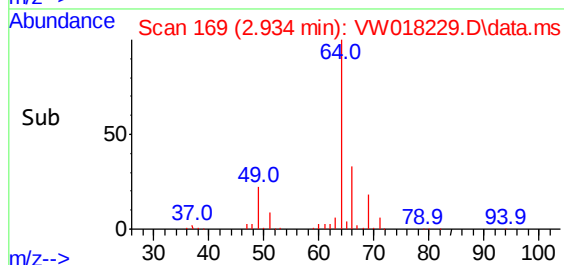
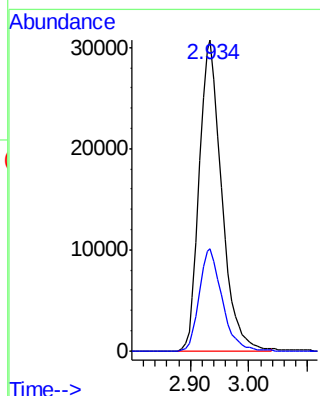
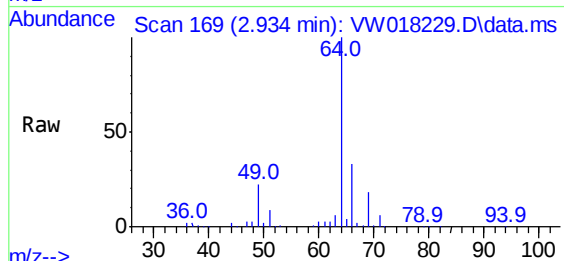




#8
Chloroethane
Concen: 25.84 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

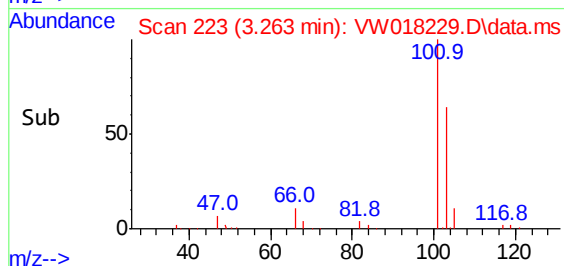
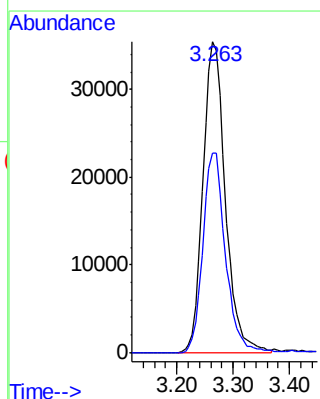
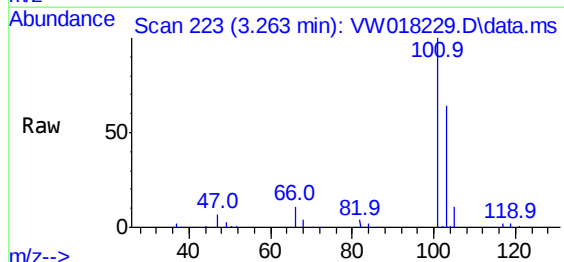
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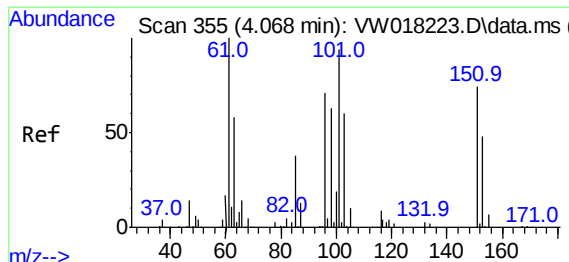
Tgt Ion: 64 Resp: 81446
Ion Ratio Lower Upper
64 100
66 32.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.95 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 101 Resp: 96486
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4



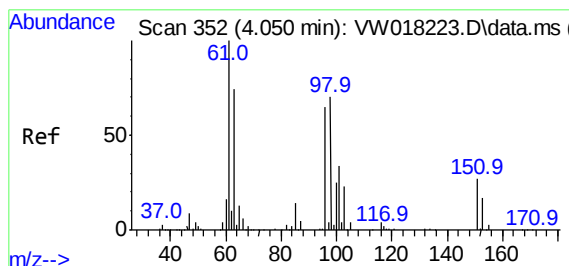
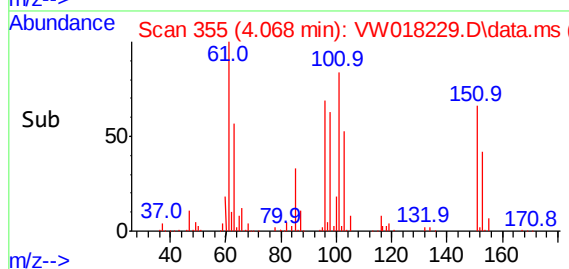
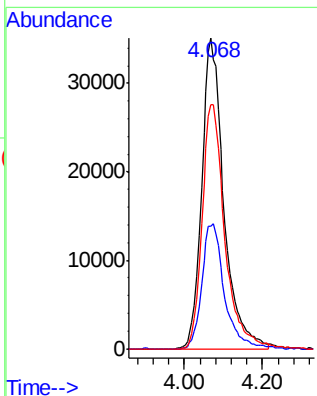
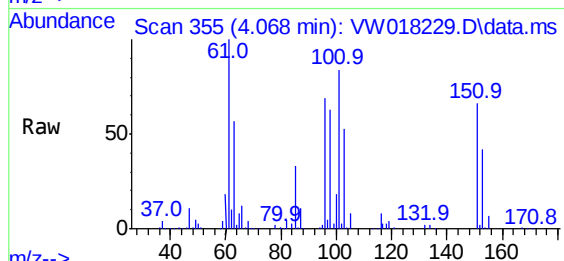


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.01 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018229.D
 Acq: 23 Feb 2021 16:25

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Tgt Ion:101 Resp: 137454

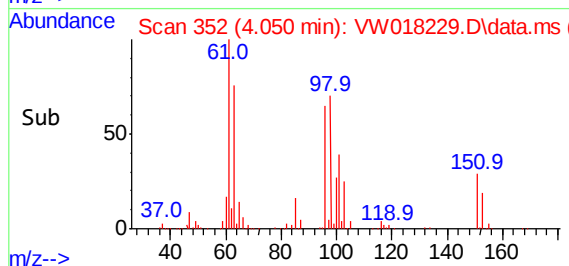
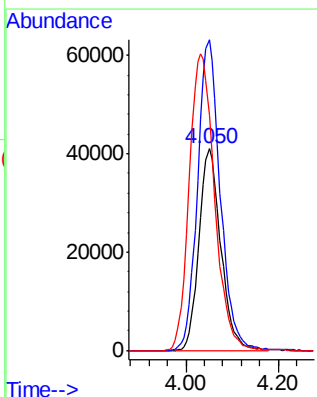
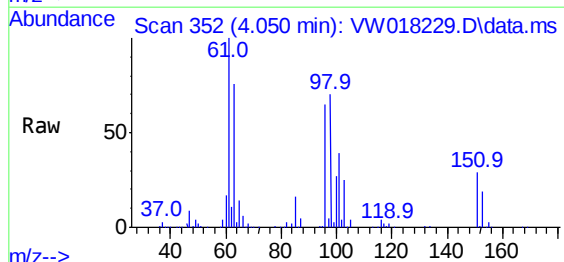
Ion	Ratio	Lower	Upper
101	100		
85	40.5	38.2	57.2
151	80.1	56.6	85.0

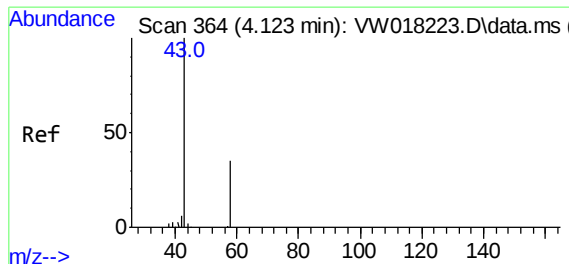


#12
 1,1-Dichloroethene
 Concen: 25.33 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW018229.D
 Acq: 23 Feb 2021 16:25

Tgt Ion: 96 Resp: 134736

Ion	Ratio	Lower	Upper
96	100		
61	153.9	118.1	219.3
63	116.2	83.7	155.5

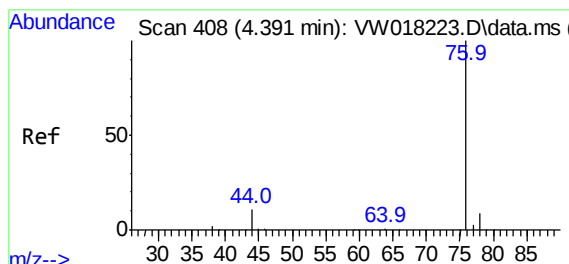
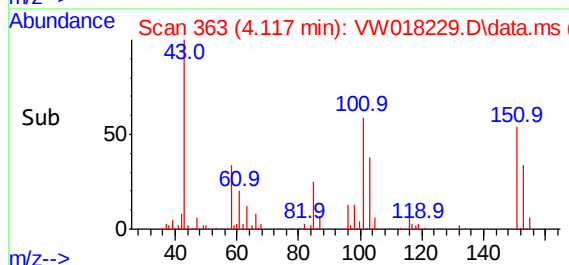
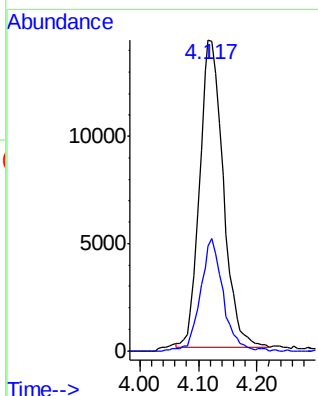
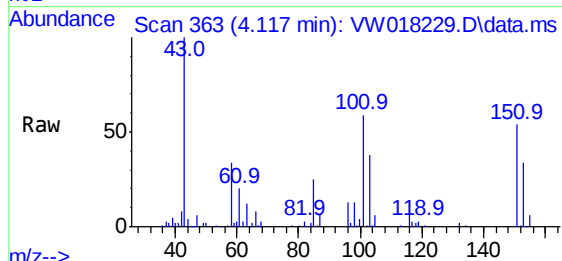




#13
Acetone
Concen: 57.54 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

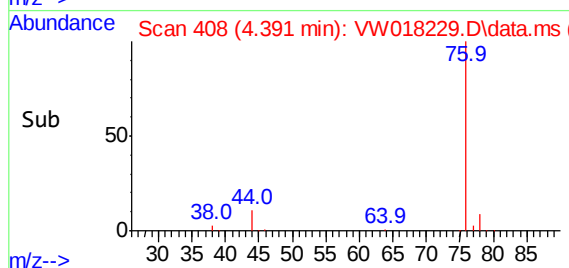
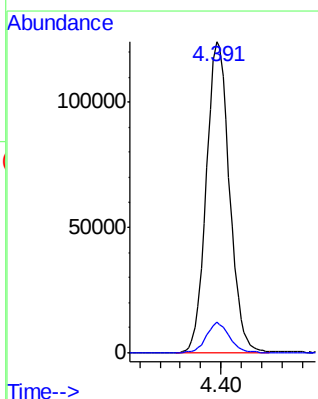
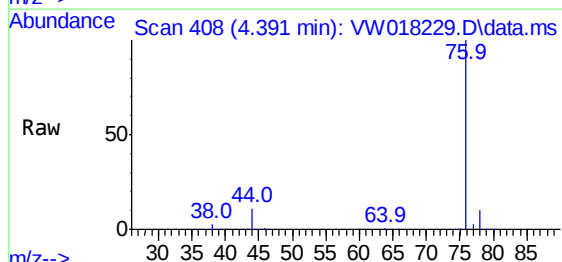
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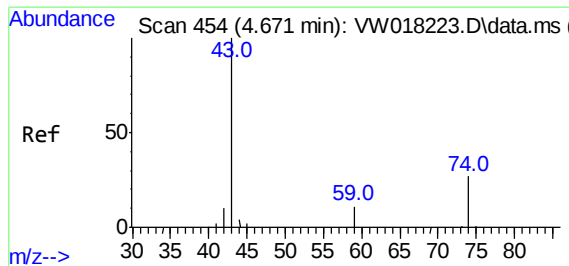
Tgt Ion: 43 Resp: 40020
Ion Ratio Lower Upper
43 100
58 34.2 0.0 53.8



#14
Carbon disulfide
Concen: 24.08 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 76 Resp: 391341
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

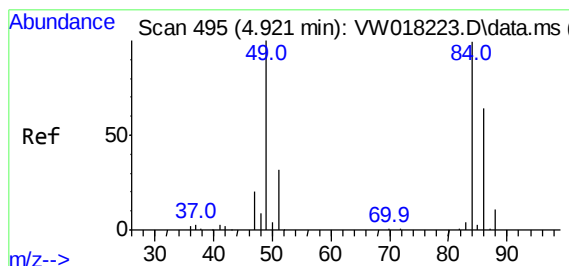
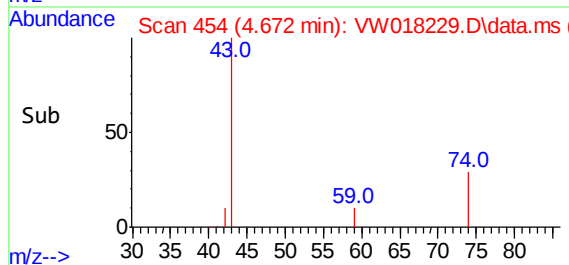
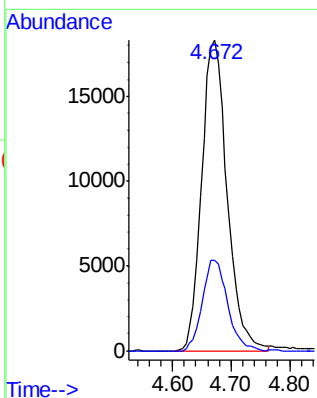
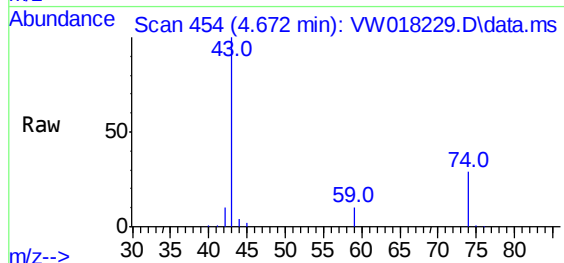




#15
Methyl Acetate
Concen: 30.41 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

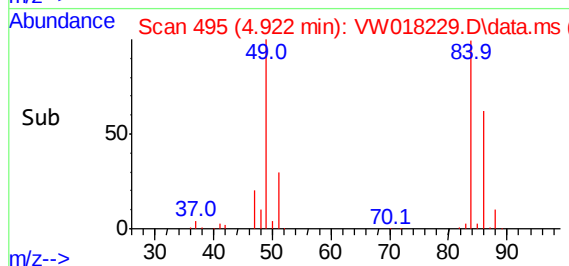
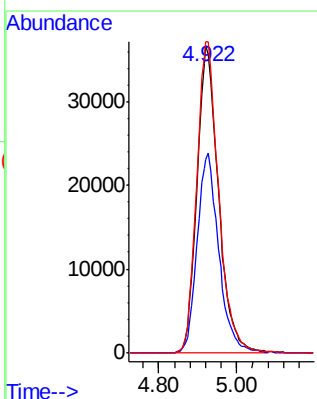
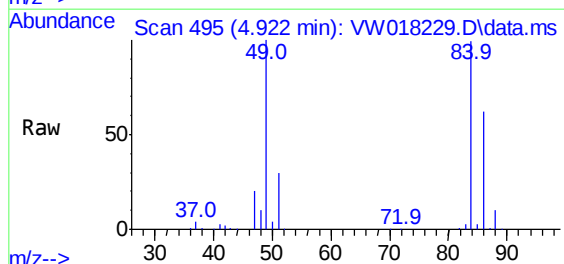
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

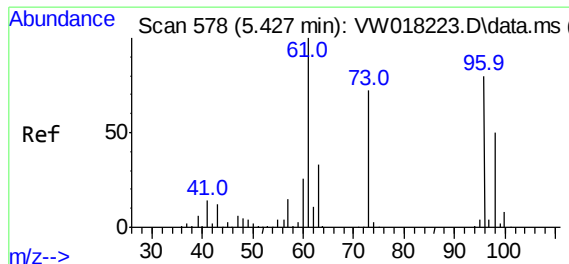
Tgt Ion: 43 Resp: 55328
Ion Ratio Lower Upper
43 100
74 28.8 20.0 30.0



#16
Methylene chloride
Concen: 23.99 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 84 Resp: 139795
Ion Ratio Lower Upper
84 100
86 62.8 45.3 84.1
49 101.2 86.6 160.8

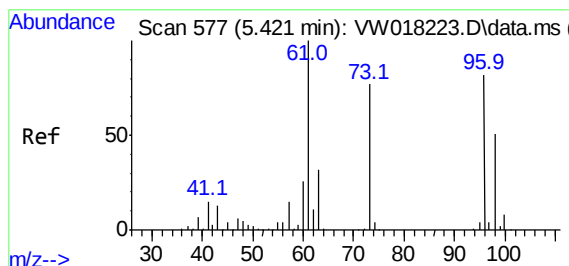
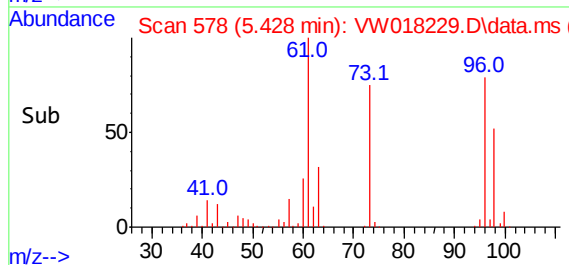
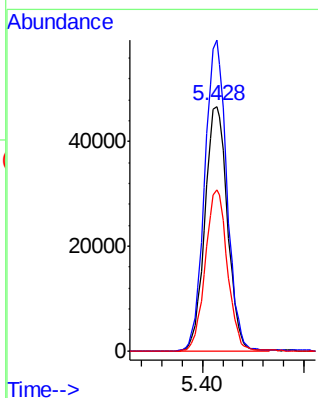
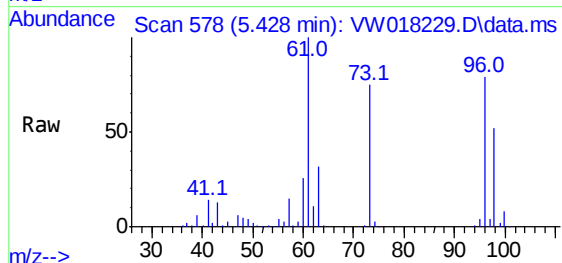




#17
trans-1,2-Dichloroethene
Concen: 25.21 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

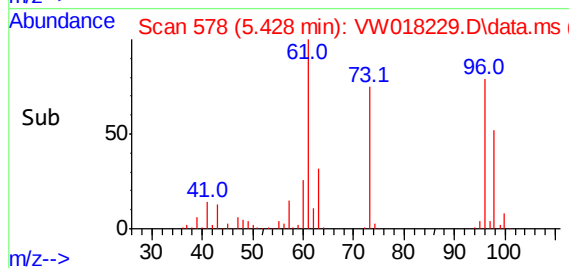
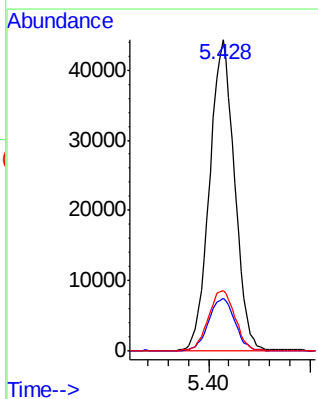
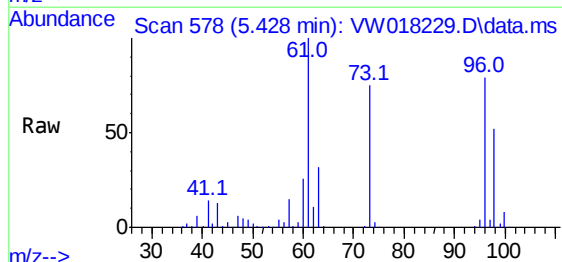
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

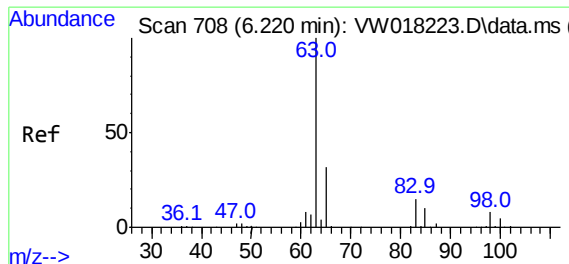
Tgt Ion: 96 Resp: 143070
Ion Ratio Lower Upper
96 100
61 127.1 98.3 182.7
98 65.8 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 26.60 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 73 Resp: 150453
Ion Ratio Lower Upper
73 100
43 17.6 17.7 26.5#
57 20.3 17.0 25.4



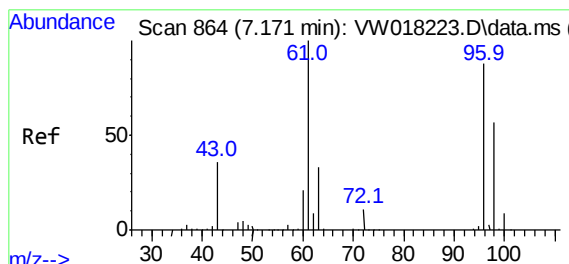
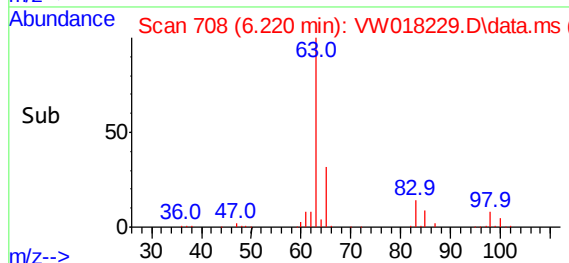
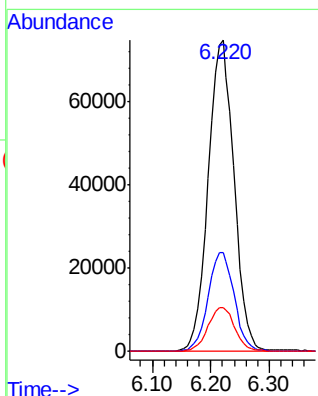
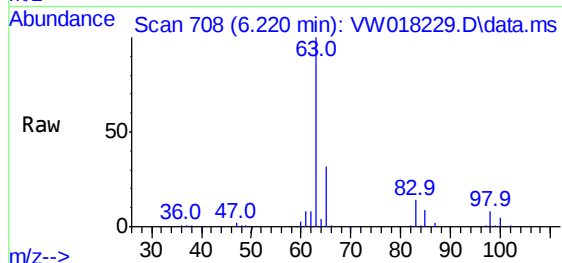


#19
1,1-Dichloroethane
Concen: 25.62 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion: 63 Resp: 227597

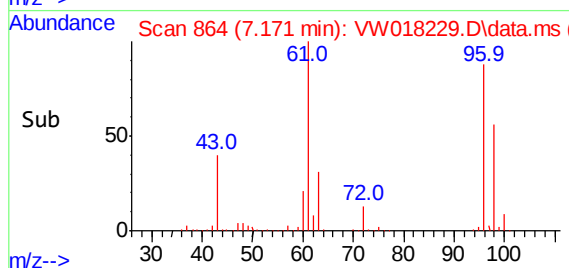
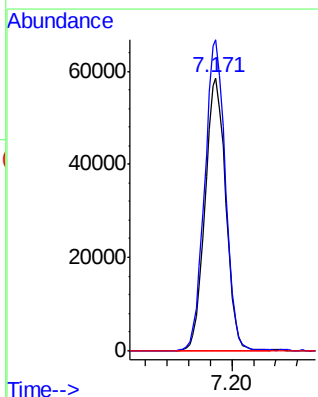
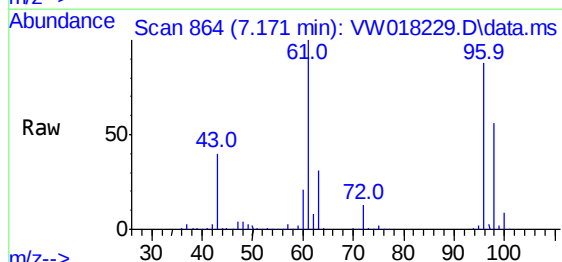
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.9	42.5
83	14.1	10.2	19.0

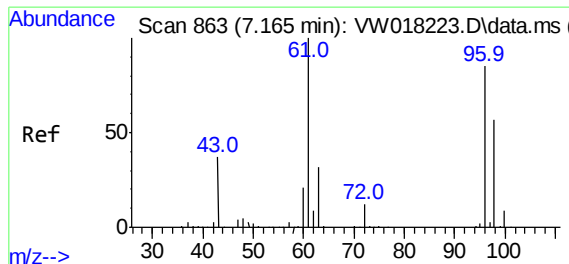


#20
cis-1,2-Dichloroethene
Concen: 26.12 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 96 Resp: 153960

Ion	Ratio	Lower	Upper
96	100		
61	114.0	88.5	164.3
68	0.0	0.0	0.0

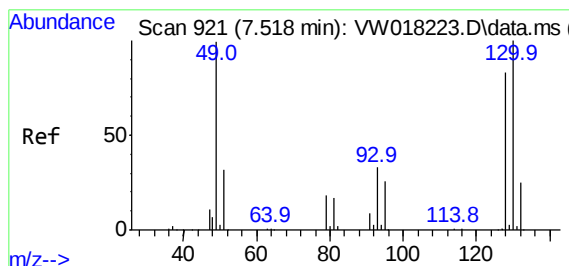
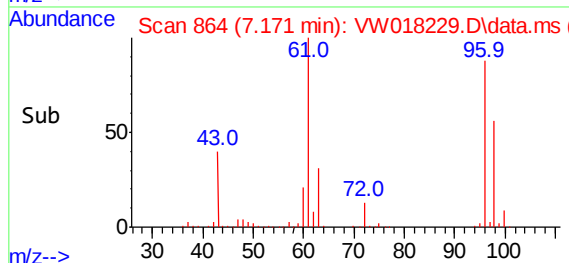
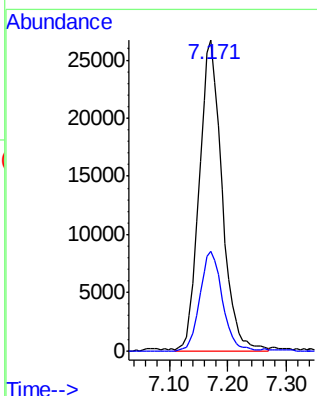
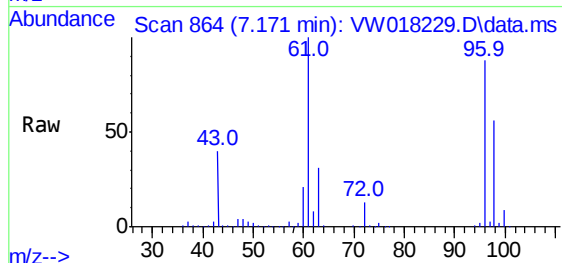




#22
2-Butanone
Concen: 64.64 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

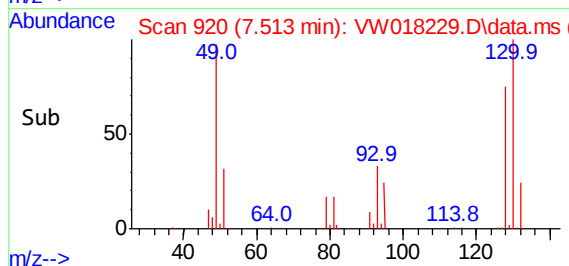
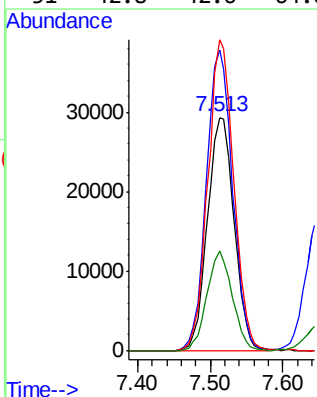
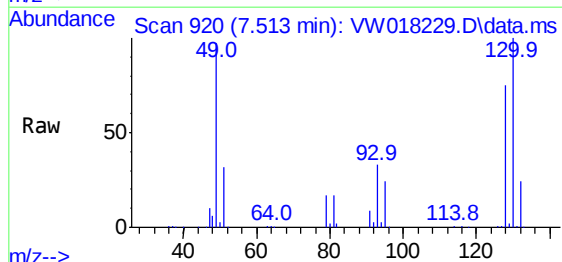
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

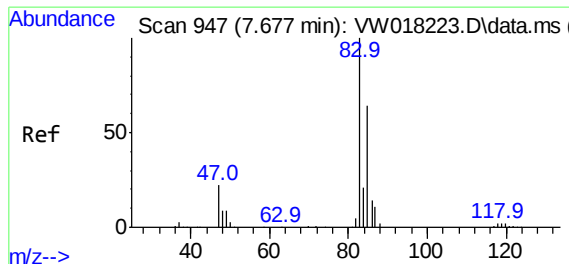
Tgt Ion: 43 Resp: 71555
Ion Ratio Lower Upper
43 100
72 31.6 14.9 44.7



#23
Bromochloromethane
Concen: 26.39 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 128 Resp: 74219
Ion Ratio Lower Upper
128 100
49 128.7 116.3 215.9
130 133.3 82.4 153.0
51 42.8 42.6 64.0

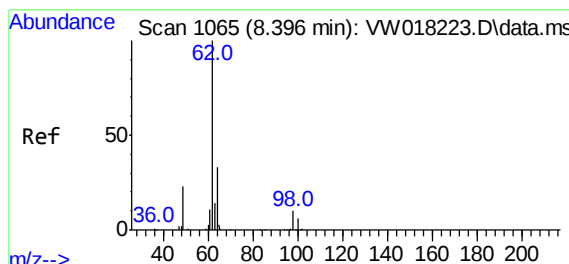
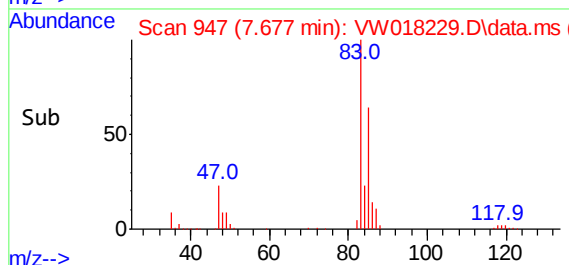
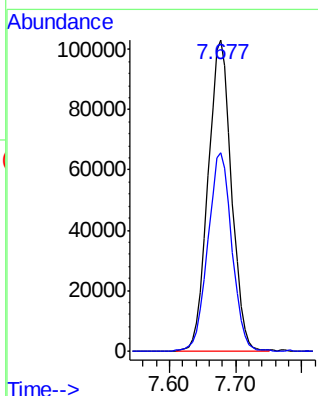
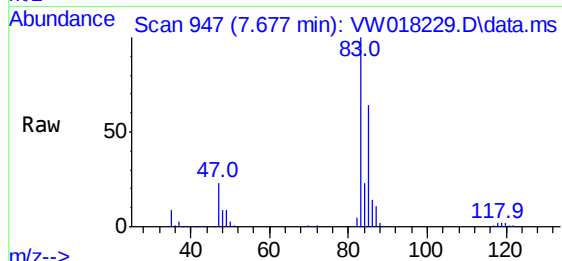




#25
Chloroform
Concen: 25.91 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

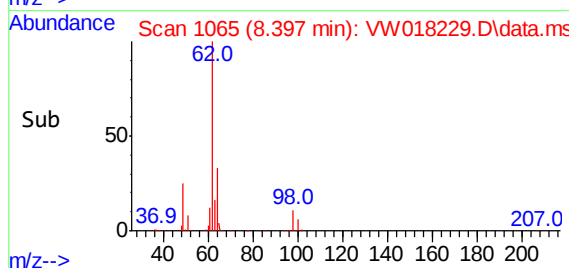
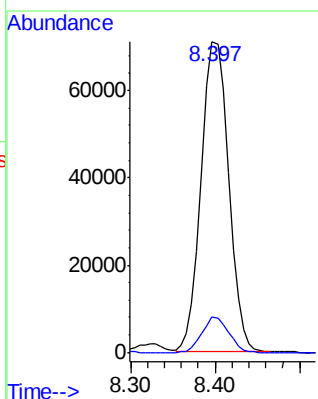
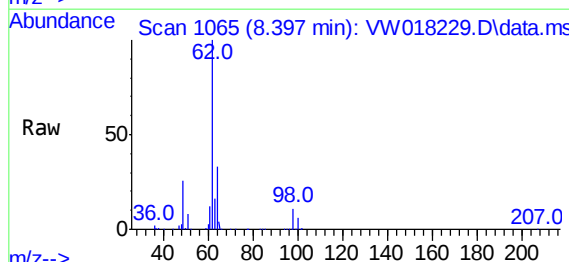
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

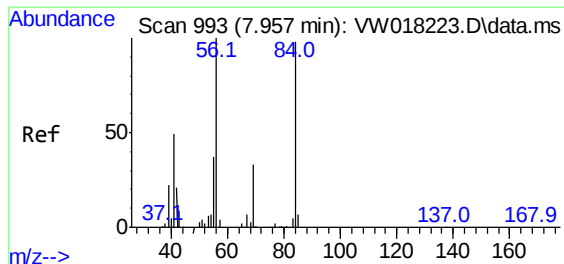
Tgt Ion: 83 Resp: 250719
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 26.74 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 62 Resp: 156501
Ion Ratio Lower Upper
62 100
98 11.3 6.9 10.3#



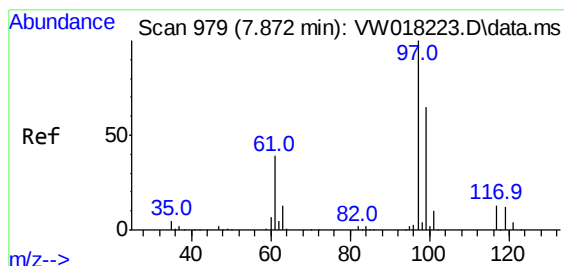
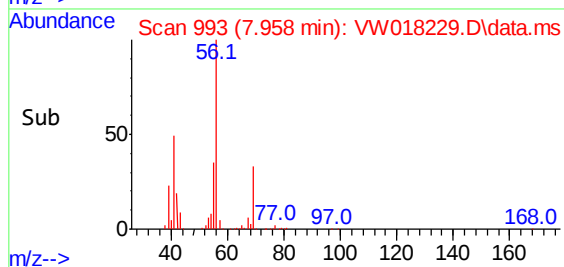
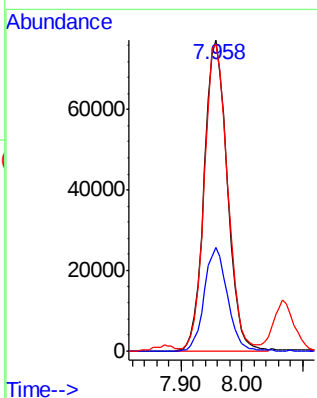
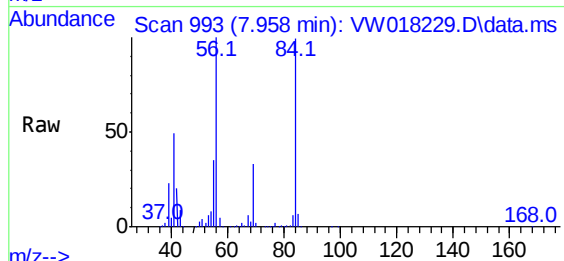


#29
Cyclohexane
Concen: 25.80 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion: 56 Resp: 202193

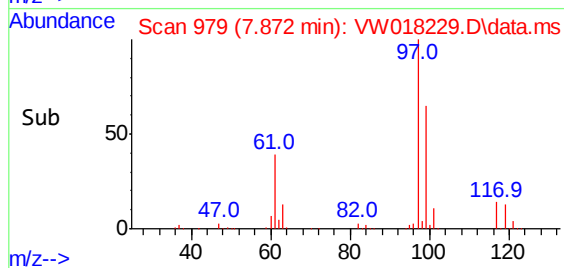
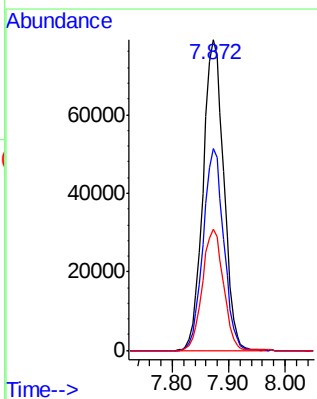
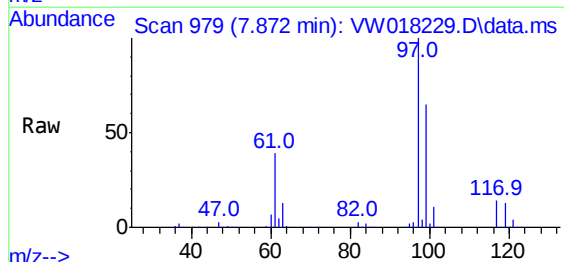
Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.5	36.7
84	99.1	75.0	112.4

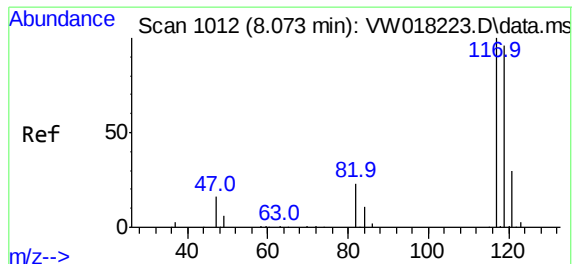


#30
1,1,1-Trichloroethane
Concen: 25.30 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 97 Resp: 198628

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.2
61	39.6	37.8	56.6

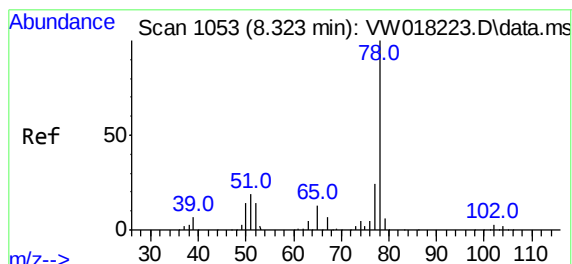
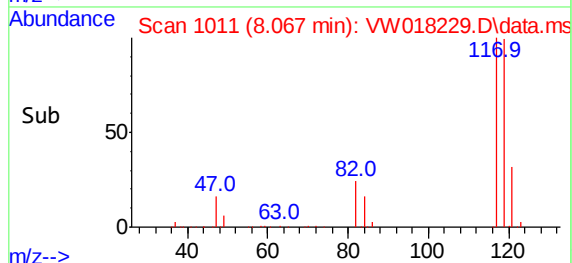
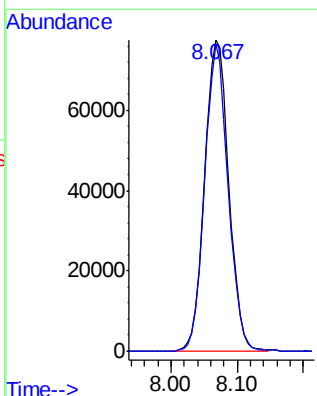
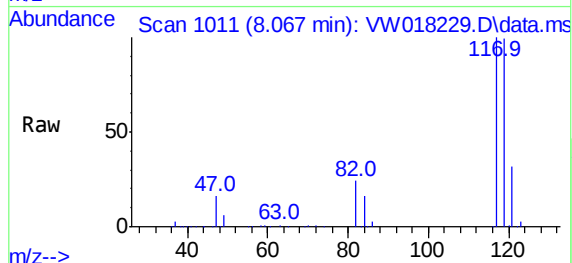




#31
Carbon tetrachloride
Concen: 25.56 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

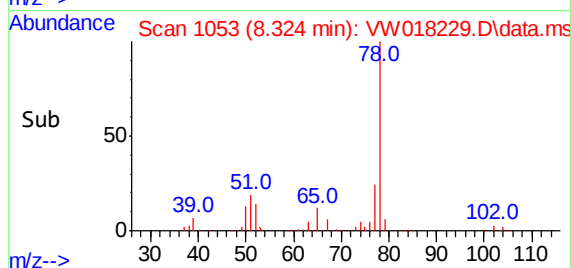
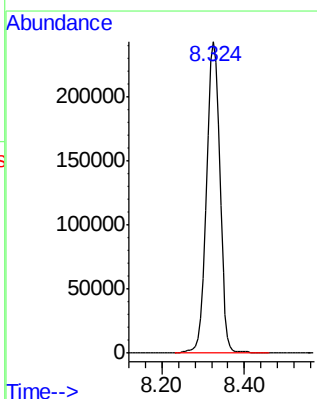
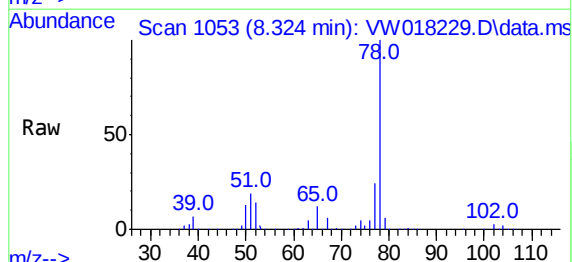
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

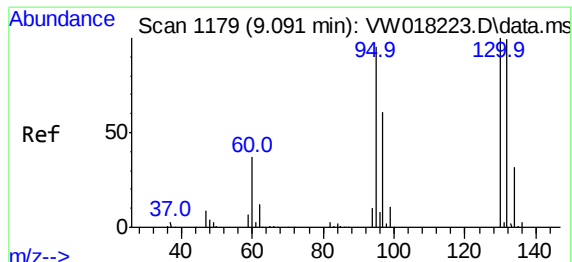
Tgt Ion:117 Resp: 194631
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 26.16 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 78 Resp: 545906

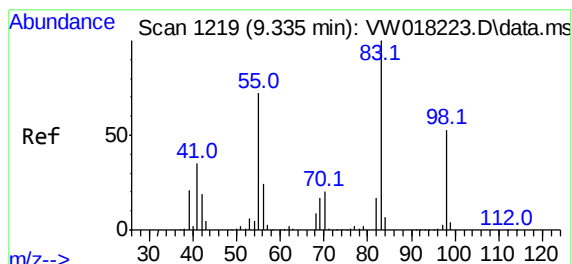
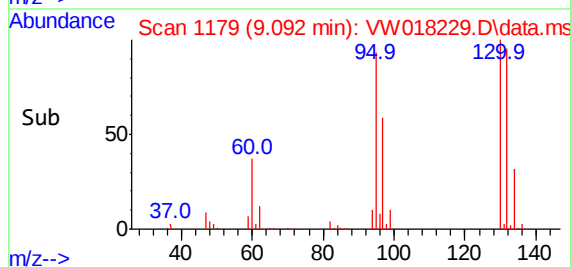
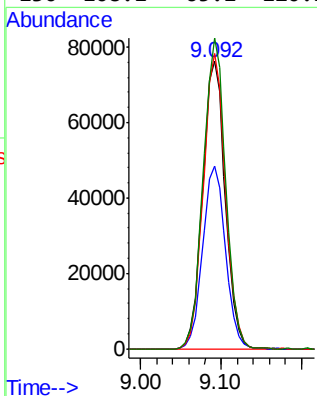
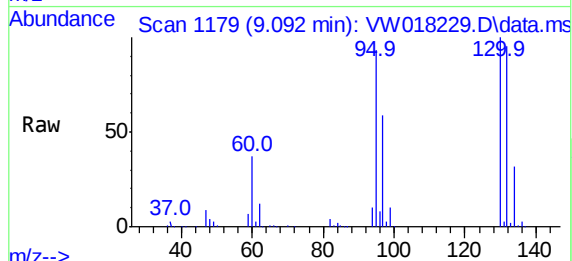




#34
Trichloroethene
Concen: 25.48 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

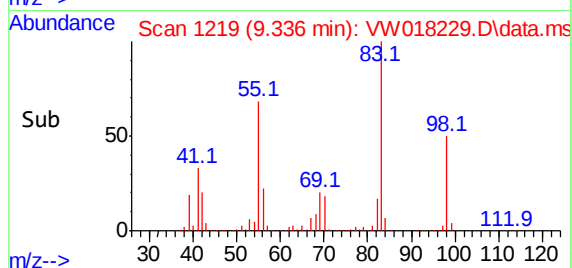
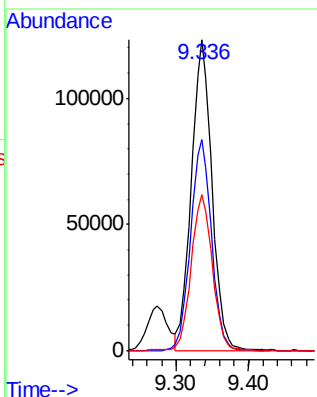
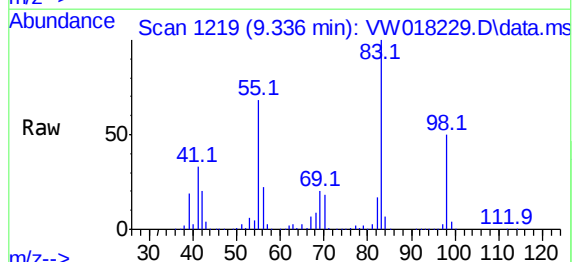
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

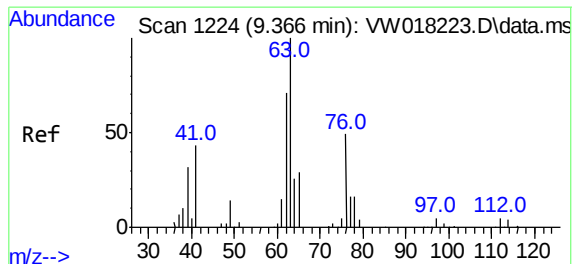
Tgt Ion: 95 Resp: 148652
Ion Ratio Lower Upper
95 100
97 63.6 47.3 87.8
132 102.9 71.0 131.8
130 108.1 65.1 120.9



#35
Methylcyclohexane
Concen: 25.37 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 83 Resp: 244836
Ion Ratio Lower Upper
83 100
55 68.9 58.9 88.3
98 51.5 40.1 60.1

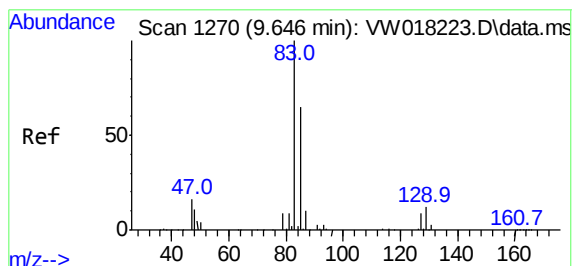
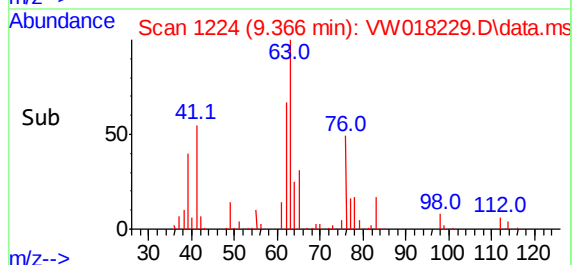
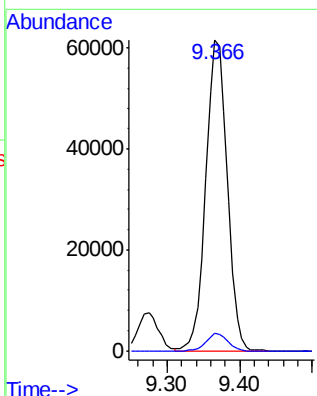
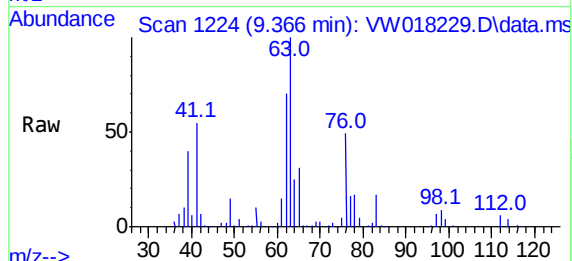




#37
1,2-Dichloropropane
Concen: 26.03 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

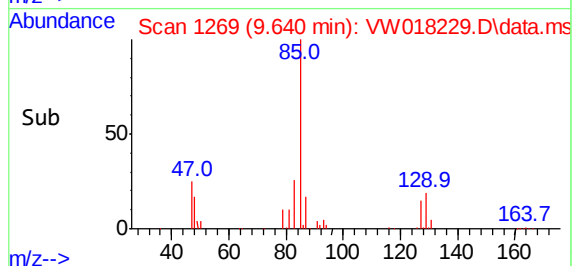
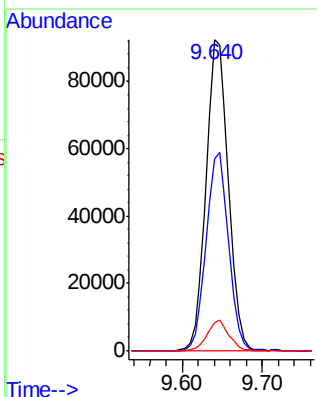
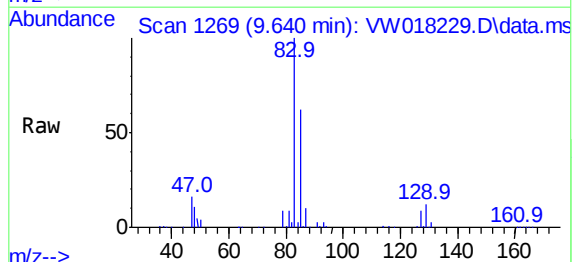
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

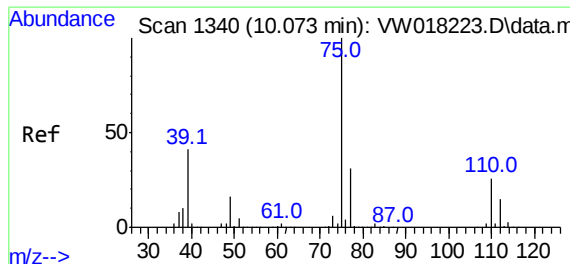
Tgt Ion: 63 Resp: 125522
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 26.41 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 83 Resp: 178393
Ion Ratio Lower Upper
83 100
85 61.8 42.3 78.5
127 9.1 6.6 9.8

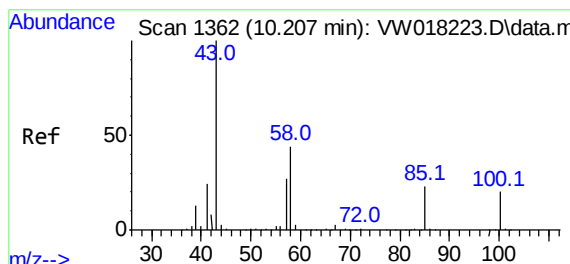
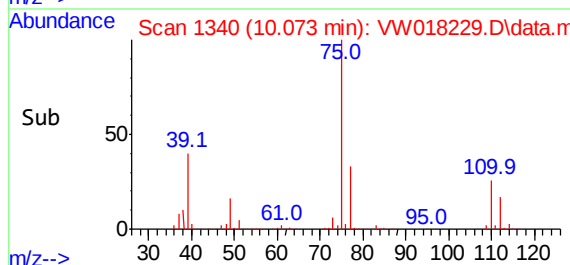
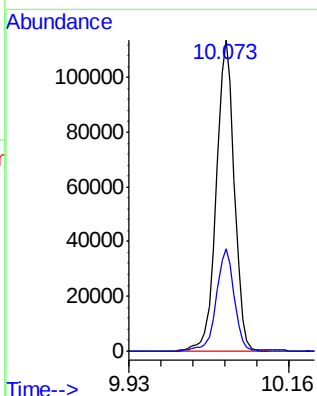
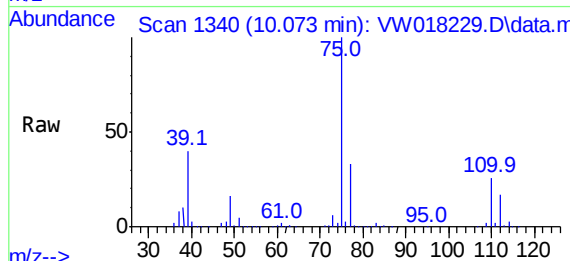




#39
cis-1,3-Dichloropropene
Concen: 26.60 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

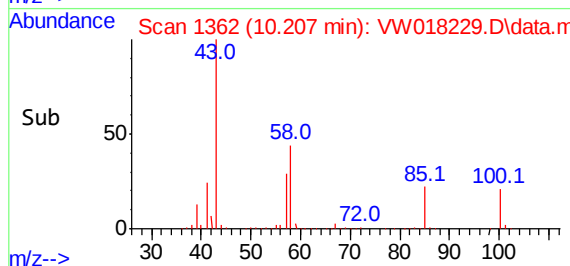
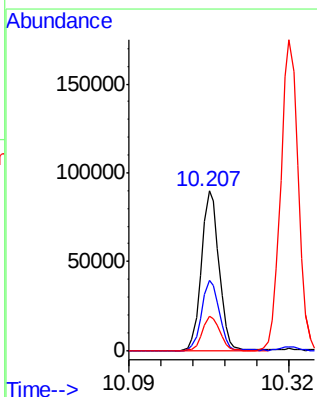
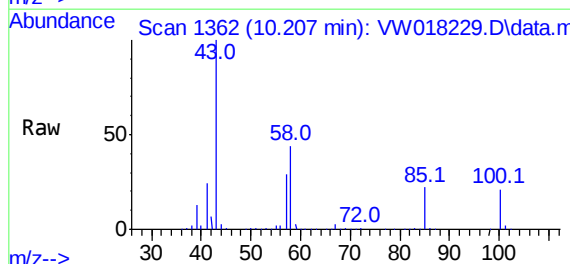
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

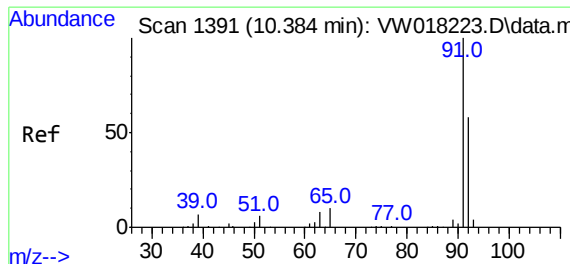
Tgt Ion: 75 Resp: 205599
Ion Ratio Lower Upper
75 100
77 32.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 63.98 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 43 Resp: 156671
Ion Ratio Lower Upper
43 100
58 44.2 31.0 46.4
100 21.2 13.0 19.6#

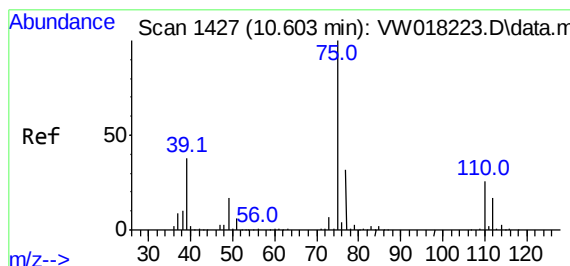
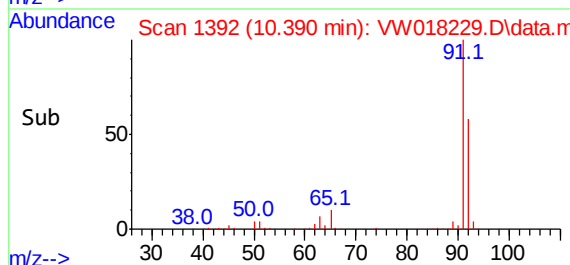
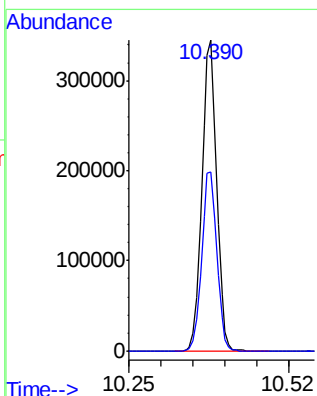
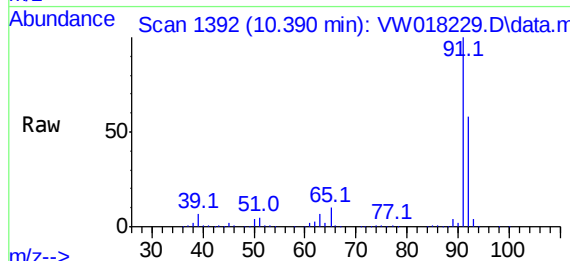




#42
Toluene
Concen: 25.94 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

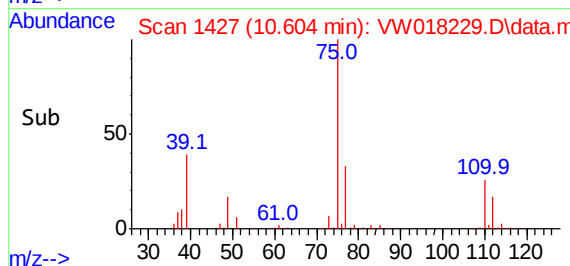
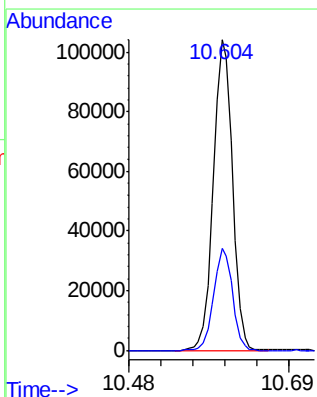
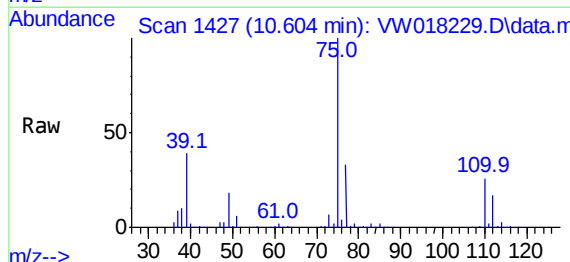
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

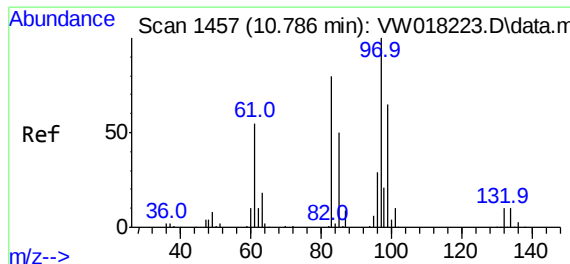
Tgt Ion: 91 Resp: 596367
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 27.51 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 75 Resp: 182370
Ion Ratio Lower Upper
75 100
77 33.0 21.1 39.1



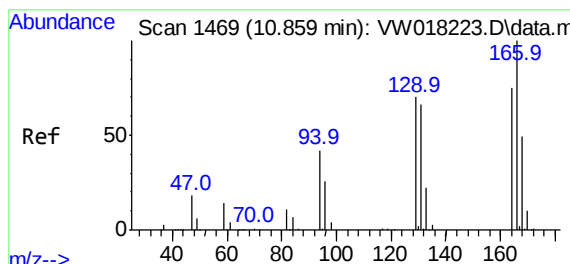
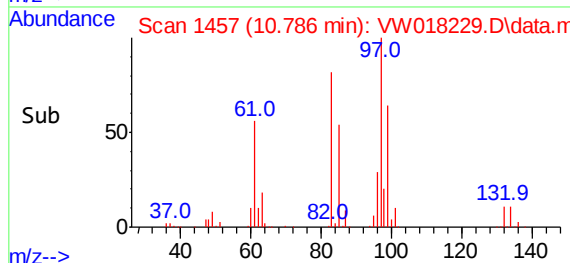
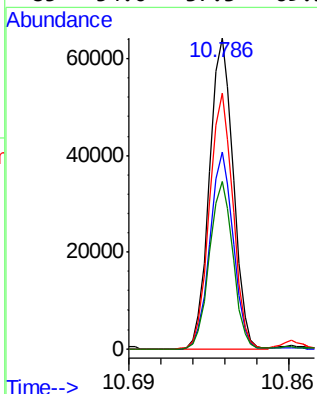
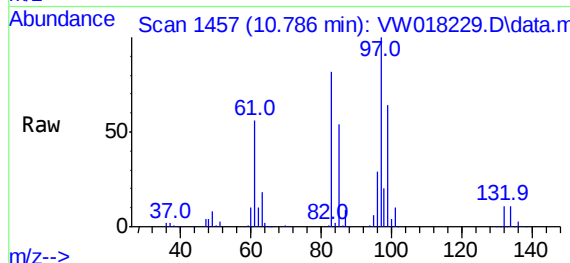


#45
1,1,2-Trichloroethane
Concen: 27.90 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion: 97 Resp: 110104

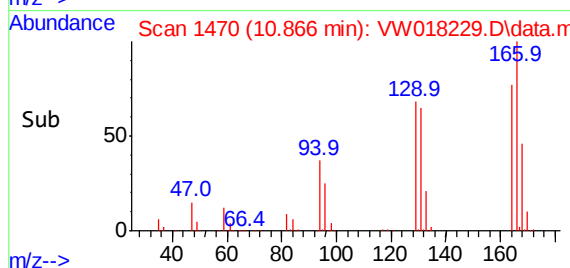
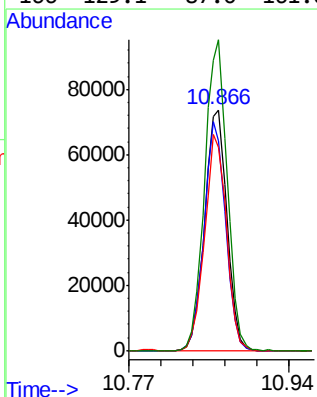
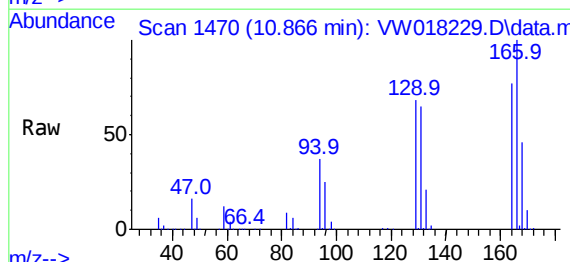
Ion	Ratio	Lower	Upper
97	100		
99	63.5	45.1	83.7
83	82.5	58.1	107.9
85	54.0	37.3	69.3

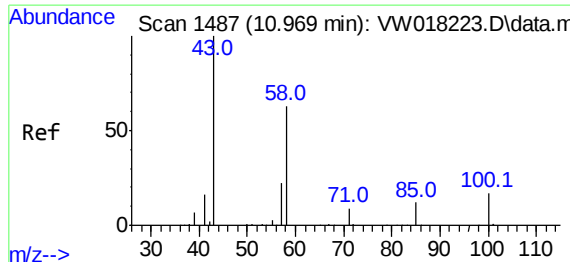


#46
Tetrachloroethene
Concen: 24.67 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 164 Resp: 127603

Ion	Ratio	Lower	Upper
164	100		
129	87.3	66.7	123.9
131	84.3	61.1	113.5
166	129.1	87.0	161.6

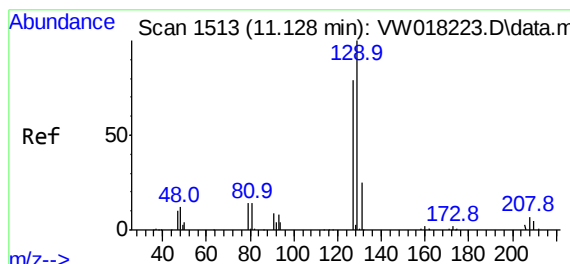
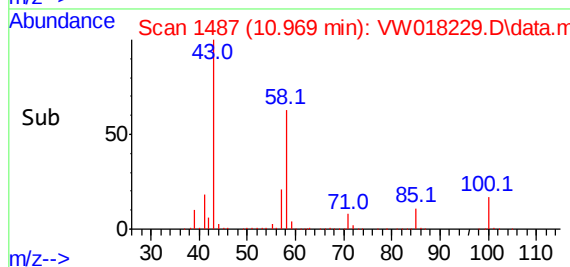
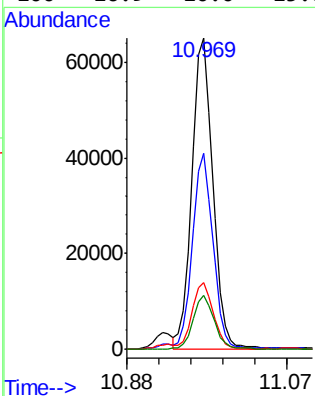
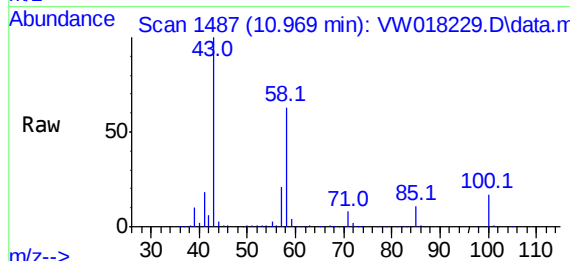




#48
2-Hexanone
Concen: 65.38 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

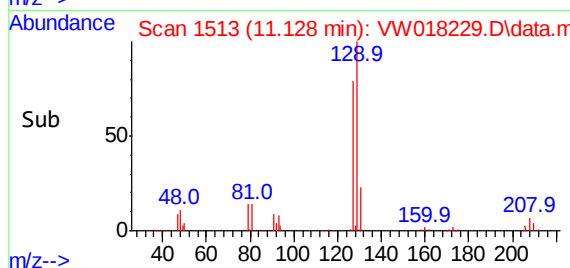
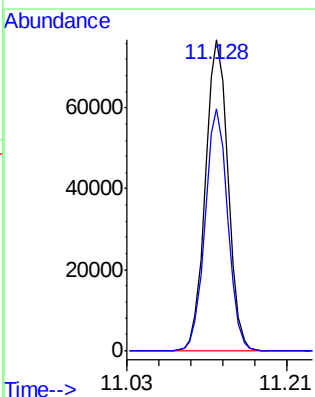
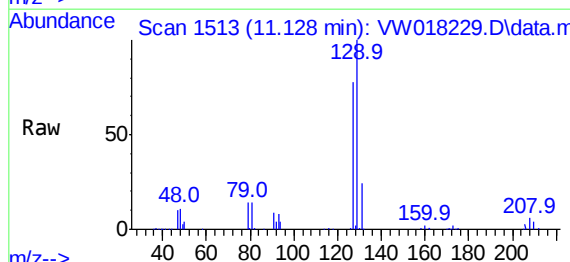
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

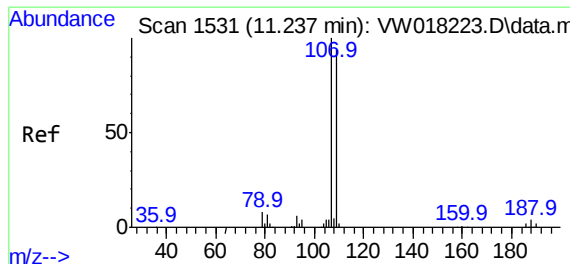
Tgt Ion: 43 Resp: 109279
Ion Ratio Lower Upper
43 100
58 61.1 42.7 64.1
57 21.5 15.8 23.8
100 16.9 10.0 15.0#



#49
Dibromochloromethane
Concen: 27.56 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 129 Resp: 134441
Ion Ratio Lower Upper
129 100
127 77.8 51.7 95.9

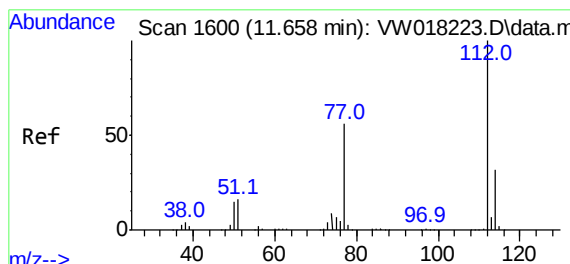
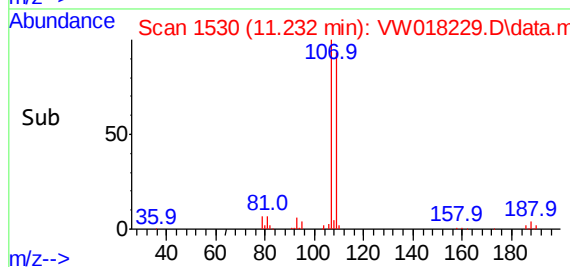
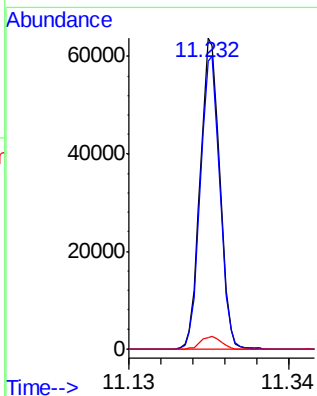
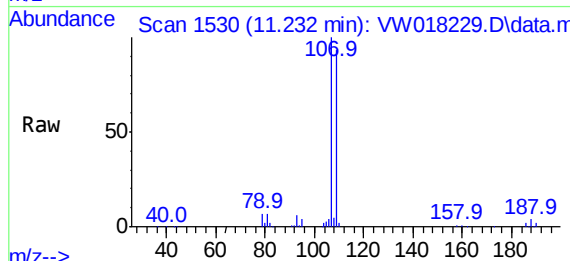




#50
1,2-Dibromoethane
Concen: 29.01 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

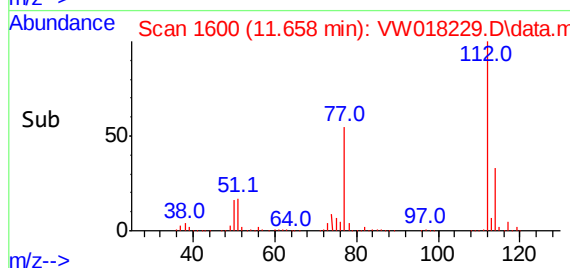
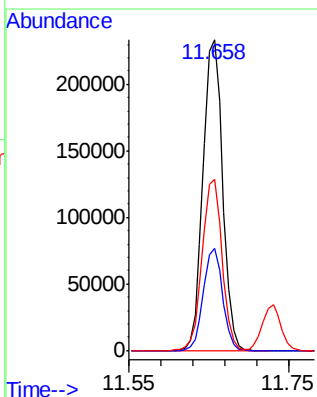
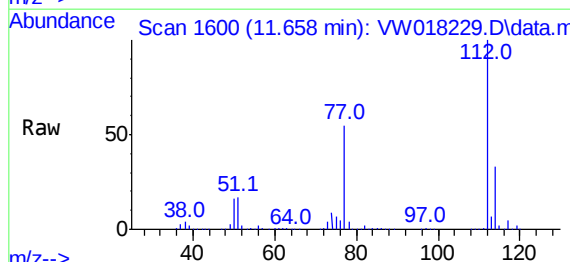
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

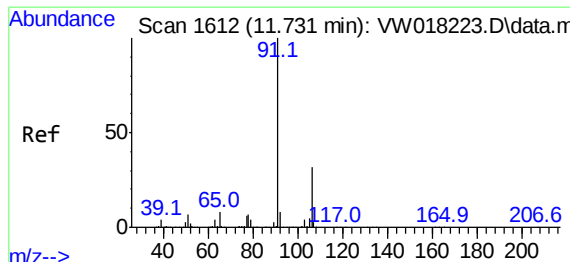
Tgt Ion:107 Resp: 112184
Ion Ratio Lower Upper
107 100
109 92.7 65.4 121.4
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 25.88 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion:112 Resp: 397723
Ion Ratio Lower Upper
112 100
114 33.0 23.4 43.6
77 55.2 47.6 71.4

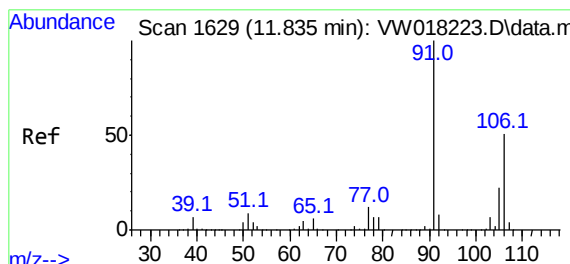
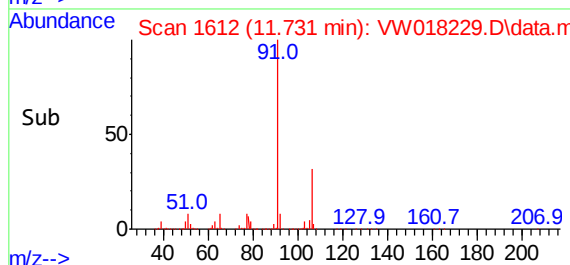
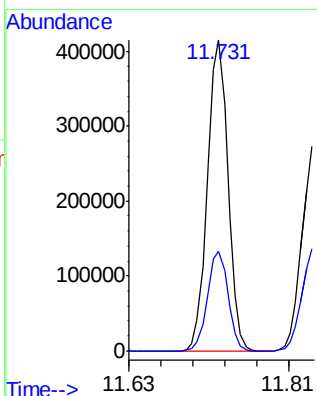
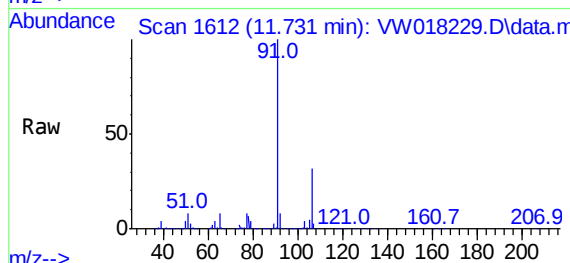




#52
Ethylbenzene
Concen: 25.57 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

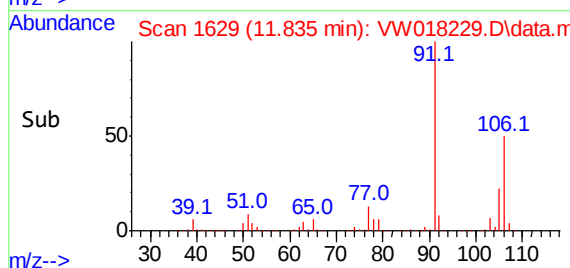
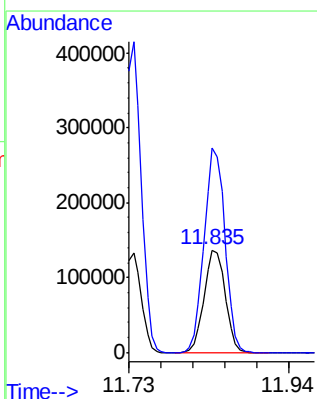
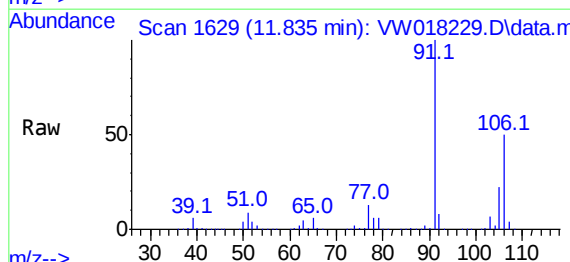
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

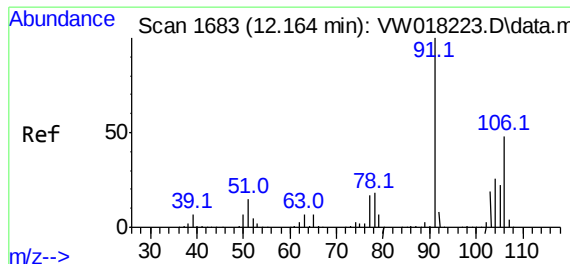
Tgt Ion: 91 Resp: 663113
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.7



#53
m,p-Xylene
Concen: 25.82 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 106 Resp: 261458
Ion Ratio Lower Upper
106 100
91 199.8 141.3 262.3

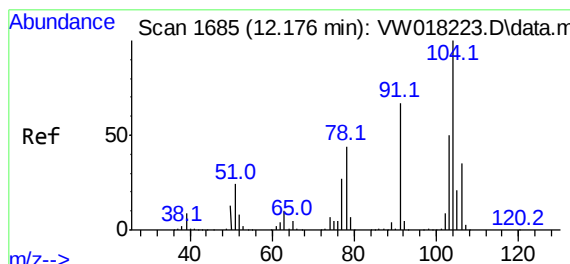
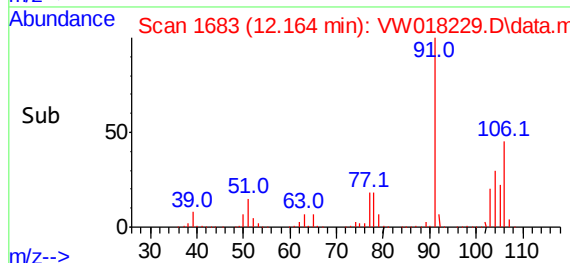
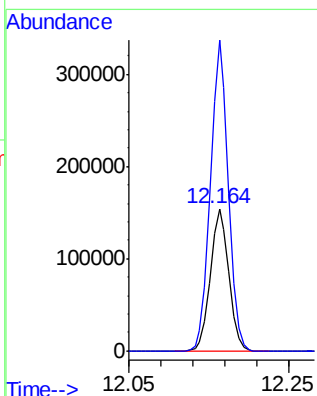
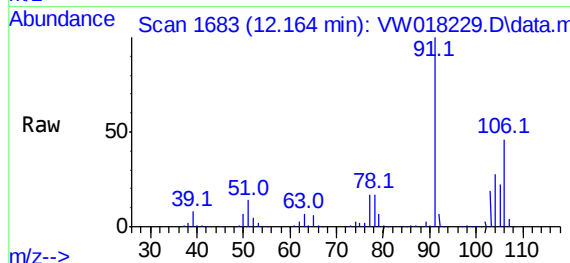




#54
o-Xylene
Concen: 25.70 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

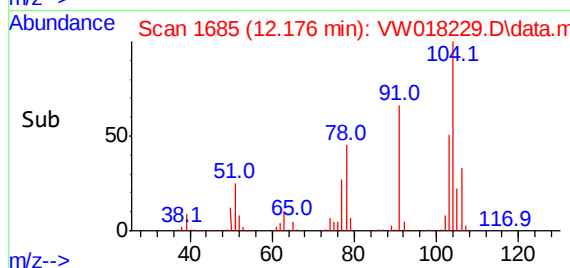
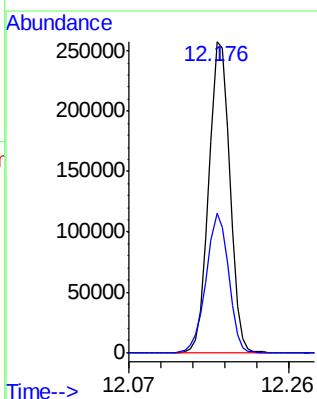
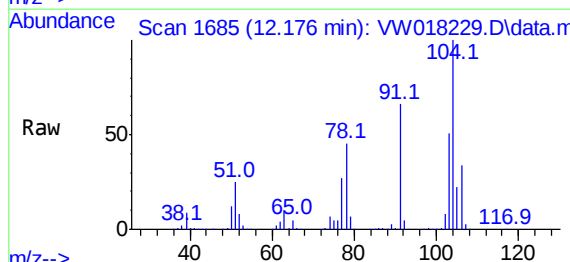
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

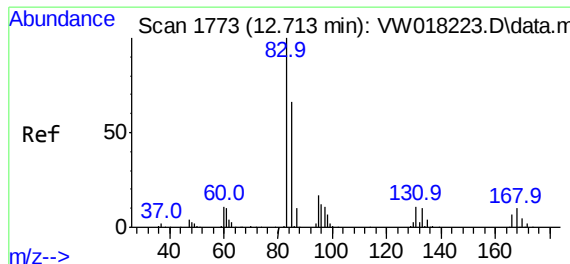
Tgt Ion:106 Resp: 246061
Ion Ratio Lower Upper
106 100
91 219.2 150.0 278.6



#55
Styrene
Concen: 26.68 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion:104 Resp: 428609
Ion Ratio Lower Upper
104 100
78 44.7 32.5 60.3



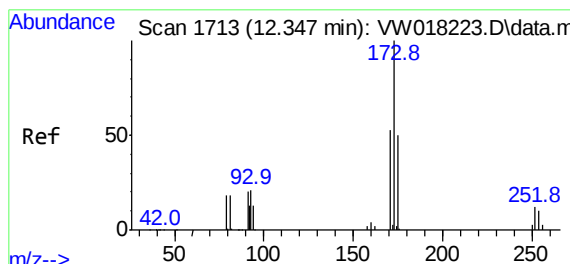
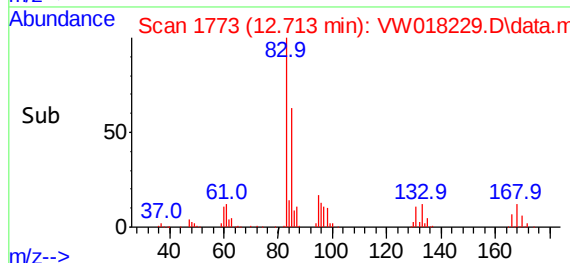
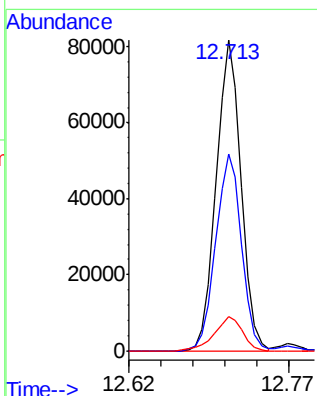
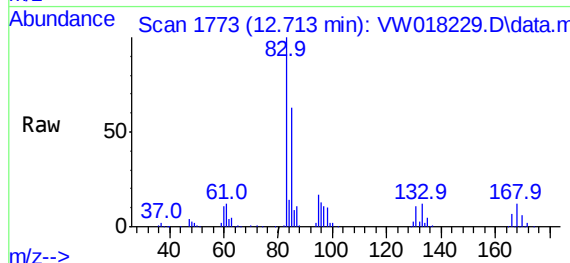


#57
1,1,2,2-Tetrachloroethane
Concen: 29.32 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion: 83 Resp: 129497

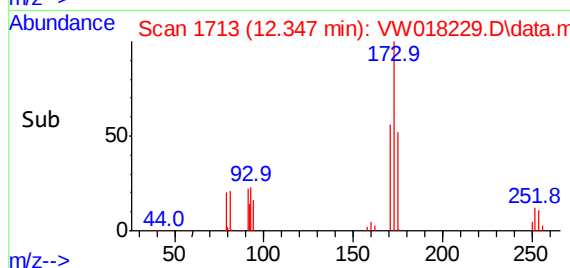
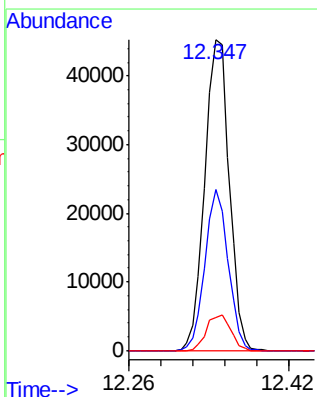
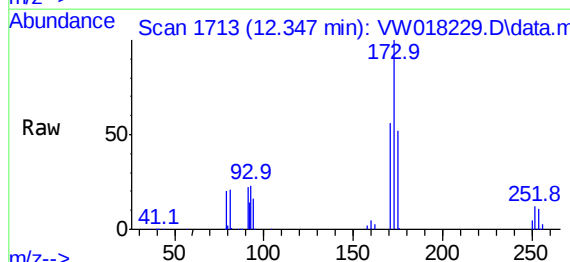
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.4	82.4
131	11.1	8.2	12.4

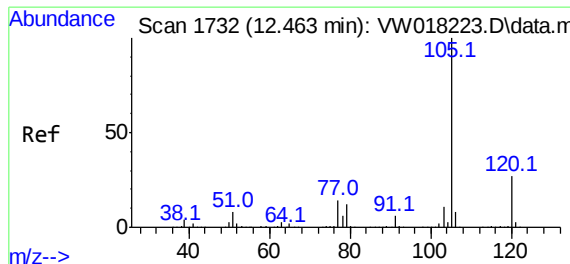


#59
Bromoform
Concen: 27.85 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 173 Resp: 79869

Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.5	56.3
254	11.4	7.0	10.4



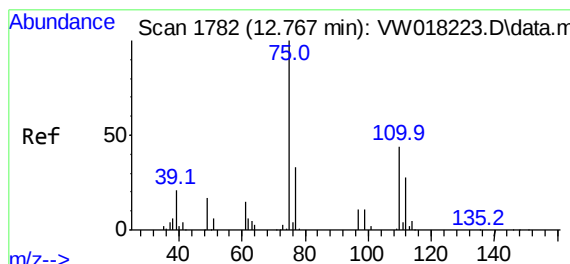
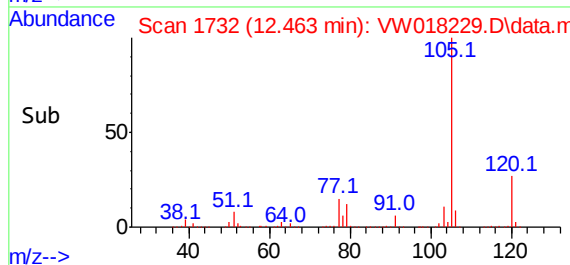
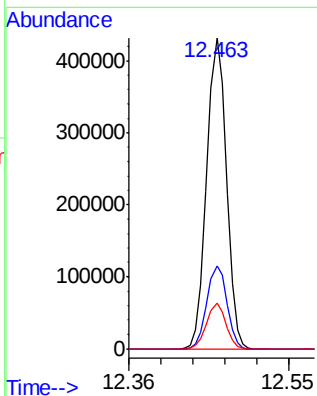
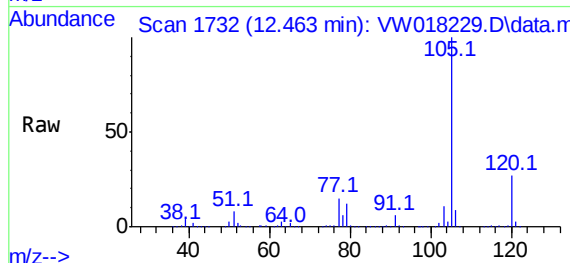


#60
Isopropylbenzene
Concen: 25.59 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion: 105 Resp: 673321

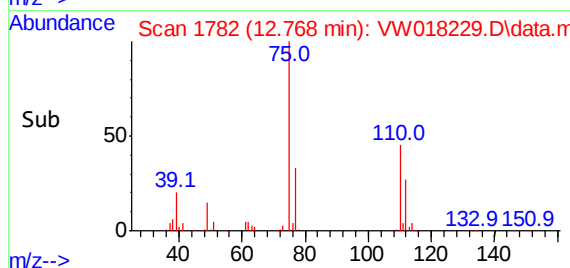
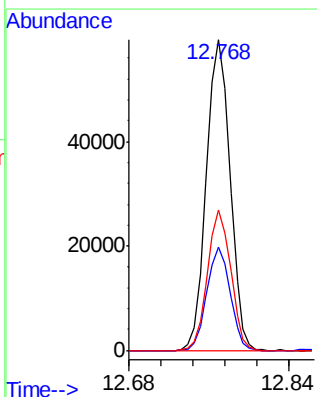
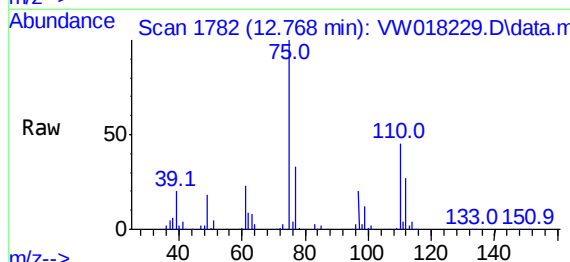
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.1	31.7
77	14.4	13.2	19.8

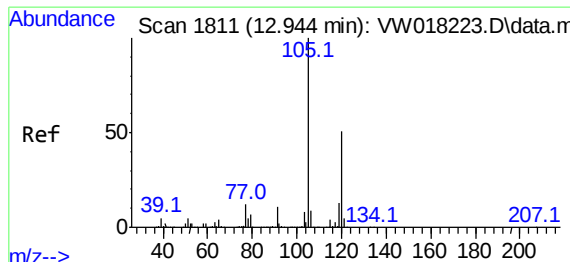


#61
1,2,3-Trichloropropane
Concen: 29.12 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 75 Resp: 96118

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9
110	44.1	32.6	48.8

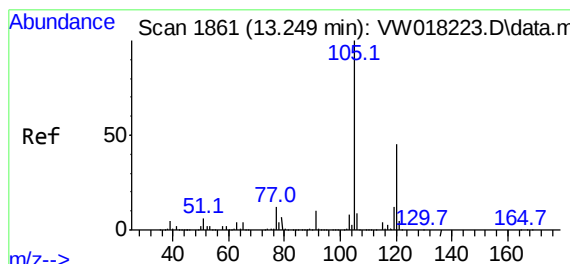
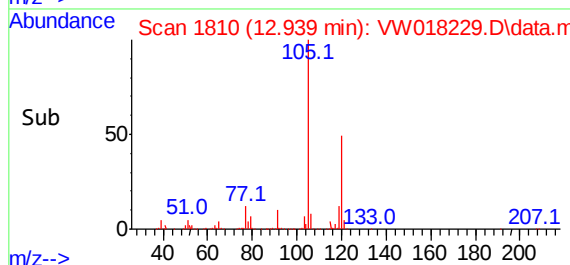
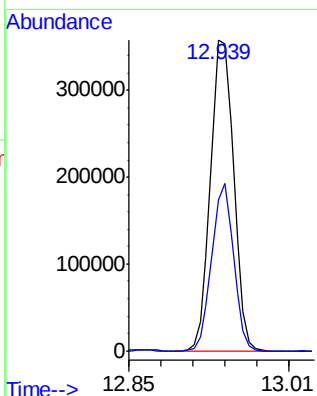
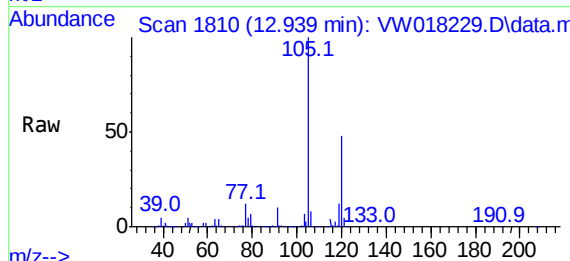




#62
1,3,5-Trimethylbenzene
Concen: 25.54 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

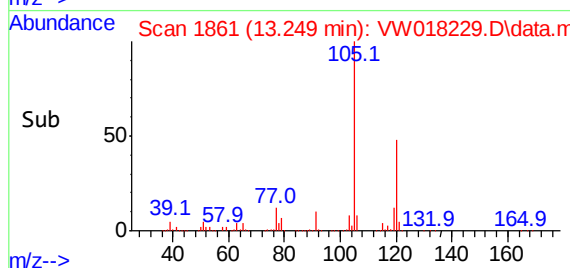
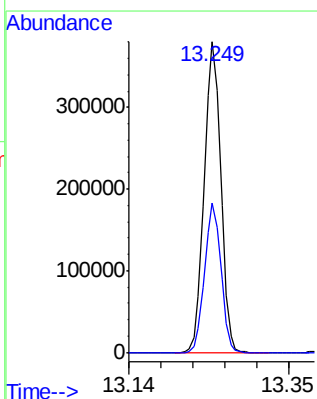
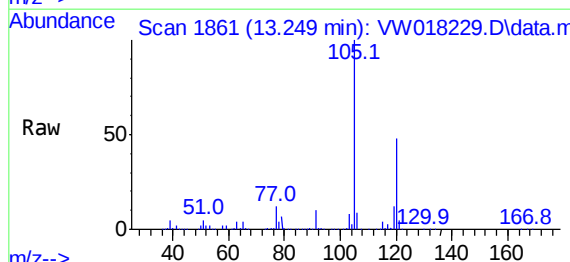
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

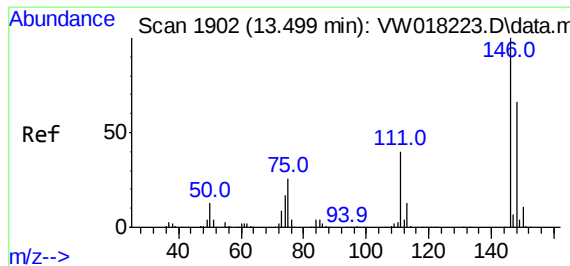
Tgt Ion:105 Resp: 563220
Ion Ratio Lower Upper
105 100
120 50.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 26.01 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion:105 Resp: 571662
Ion Ratio Lower Upper
105 100
120 47.1 35.6 53.4

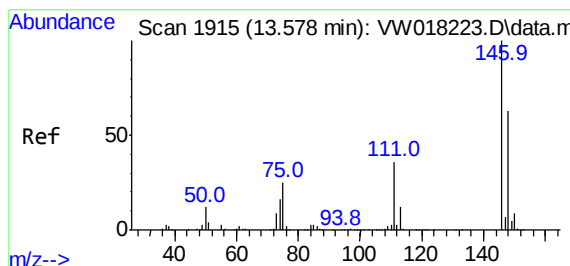
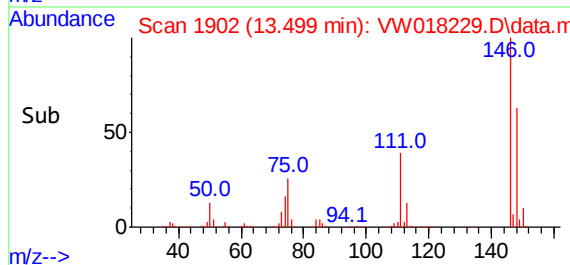
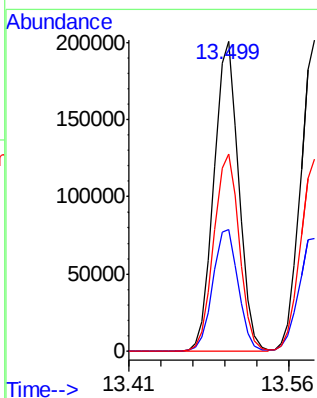
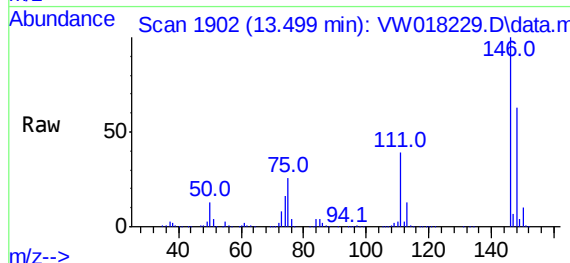




#64
1,3-Dichlorobenzene
Concen: 25.08 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

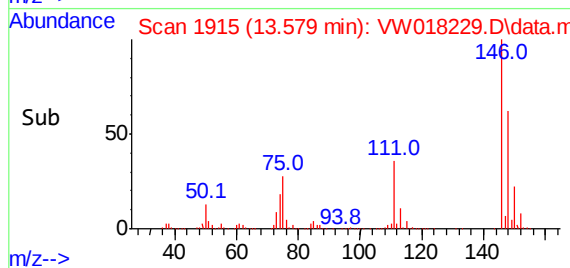
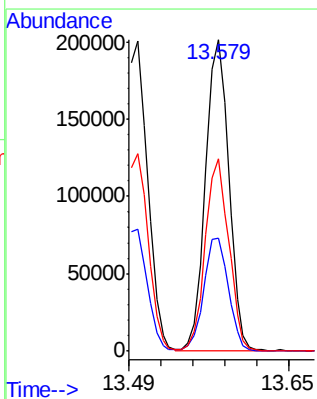
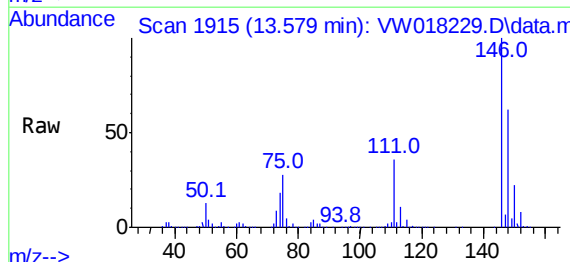
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

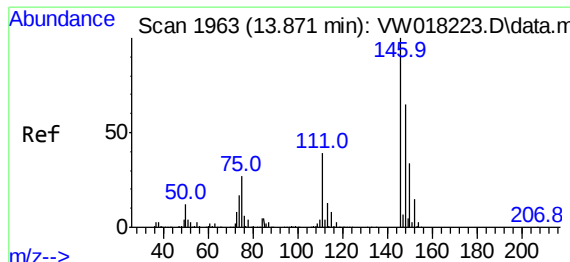
Tgt Ion:146 Resp: 317158
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.7
148 63.4 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 25.30 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion:146 Resp: 320502
Ion Ratio Lower Upper
146 100
111 36.0 28.8 53.4
148 61.5 46.8 87.0

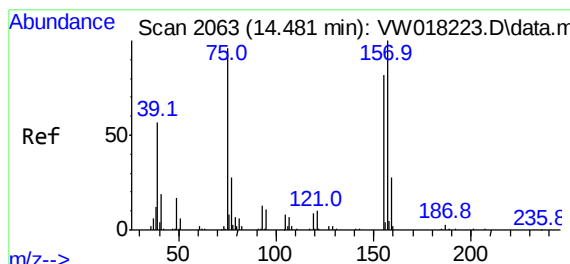
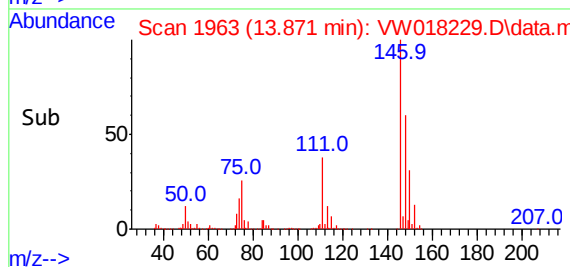
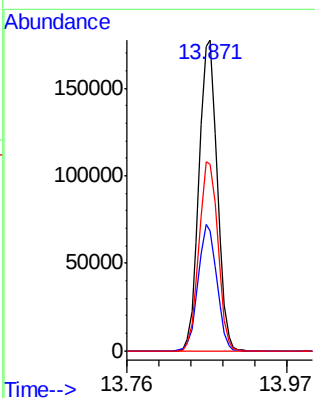
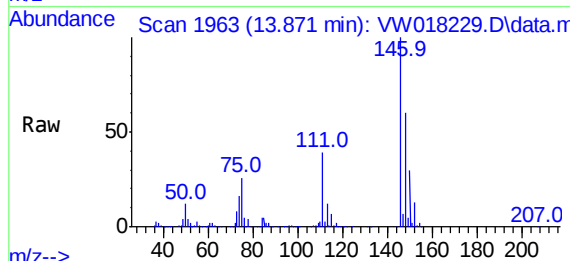




#67
1,2-Dichlorobenzene
Concen: 25.66 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

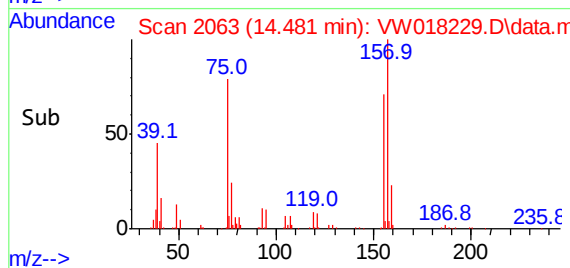
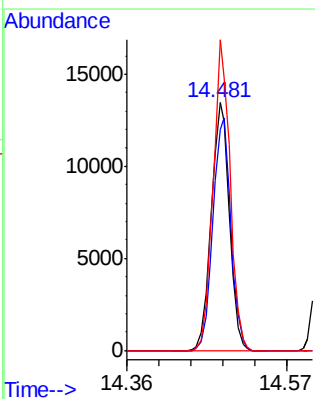
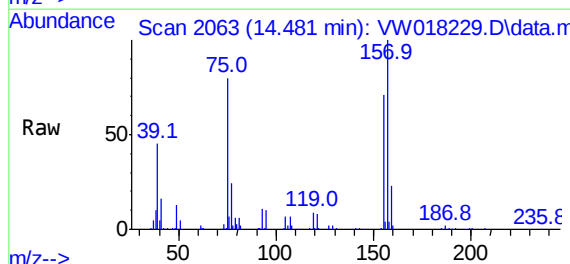
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

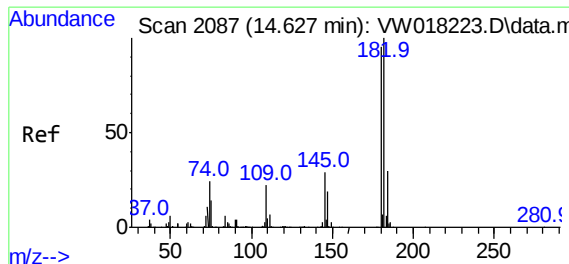
Tgt Ion:146 Resp: 291250
Ion Ratio Lower Upper
146 100
111 38.5 33.2 49.8
148 60.1 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 30.77 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion: 75 Resp: 22073
Ion Ratio Lower Upper
75 100
155 89.3 59.4 89.0#
157 125.6 72.2 108.2#

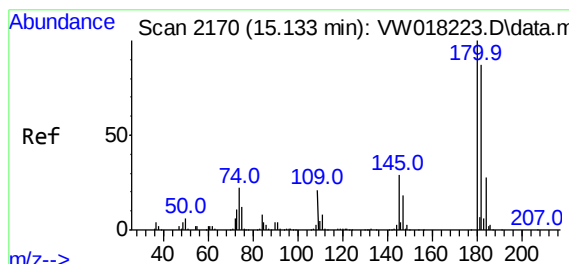
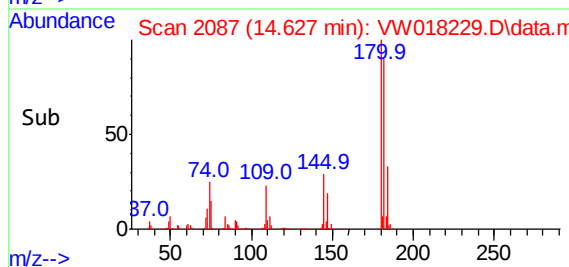
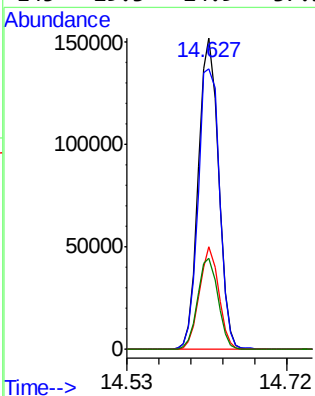
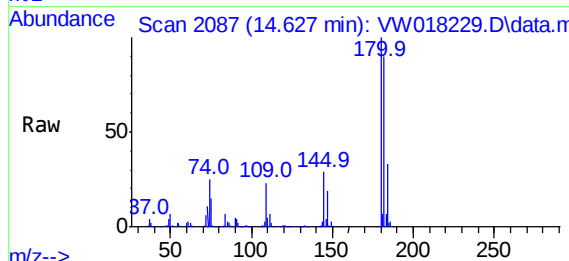




#69
 1,3,5-Trichlorobenzene
 Concen: 24.77 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018229.D
 Acq: 23 Feb 2021 16:25

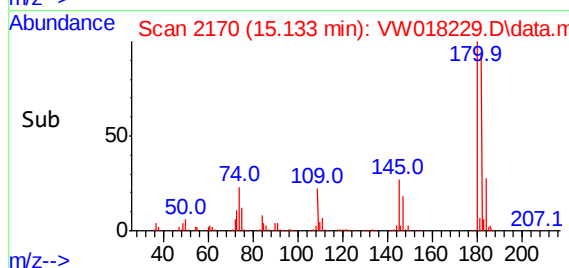
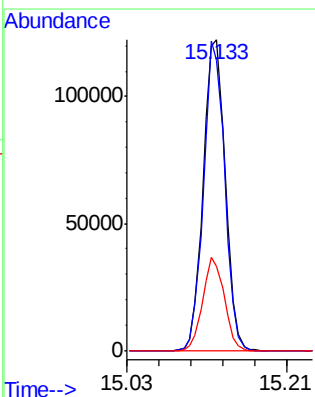
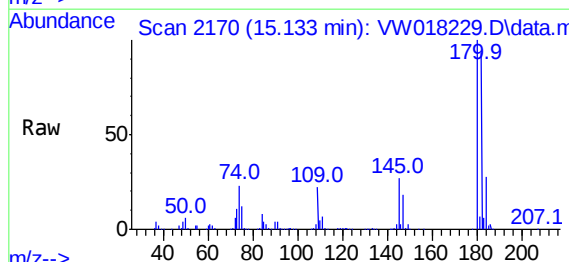
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025101

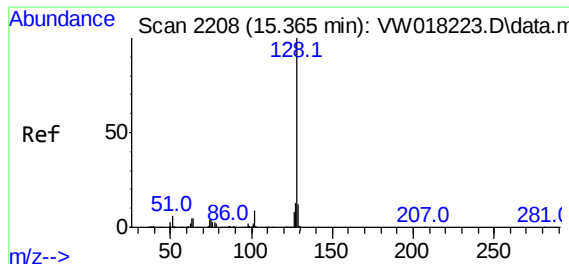
Tgt Ion:	180	Resp:	240996
Ion Ratio	Lower	Upper	
180	100		
182	95.4	73.4	110.2
184	31.2	23.6	35.4
145	29.3	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 25.97 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VW018229.D
 Acq: 23 Feb 2021 16:25

Tgt Ion:	180	Resp:	209013
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.7	112.1
145	29.2	25.0	37.4

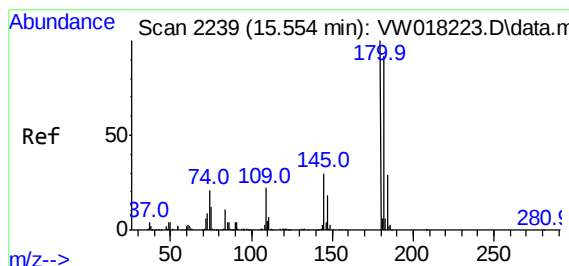
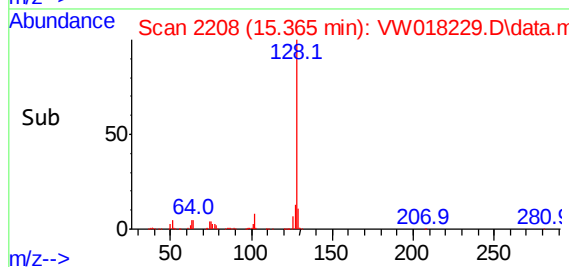
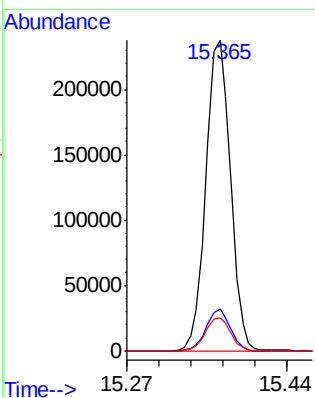
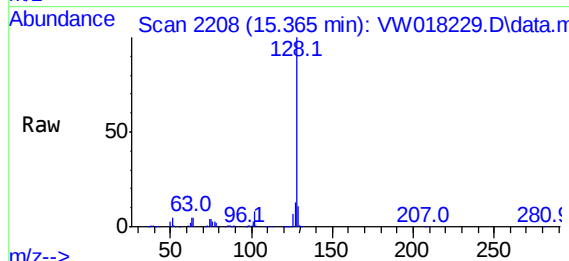




#71
Naphthalene
Concen: 29.72 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion:128 Resp: 419971
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 26.06 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018229.D
Acq: 23 Feb 2021 16:25

Tgt Ion:180 Resp: 183672
Ion Ratio Lower Upper
180 100
182 94.6 76.7 115.1
145 32.5 28.9 43.3

