

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022421\
 Data File : VW018231.D
 Acq On : 24 Feb 2021 10:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025102

Quant Time: Feb 25 02:42:17 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	468620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	417507	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207631	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124669	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.28%		
7) Chloroethane-d5	2.898	69	97452	24.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.08%		
11) 1,1-Dichloroethene-d2	4.025	63	254279	24.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.76%		
21) 2-Butanone-d5	7.074	46	55053	48.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.82%		
24) Chloroform-d	7.647	84	258687	22.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.96%		
26) 1,2-Dichloroethane-d4	8.305	65	127238	22.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.68%		
32) Benzene-d6	8.275	84	510169	23.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.84%		
36) 1,2-Dichloropropane-d6	9.268	67	139954	23.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.76%		
41) Toluene-d8	10.323	98	488010	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.76%		
43) trans-1,3-Dichloroprop...	10.579	79	63763	23.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.68%		
47) 2-Hexanone-d5	10.921	63	48139	50.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.62%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115482	23.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.76%		
66) 1,2-Dichlorobenzene-d4	13.853	152	173586	22.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	134723	24.16	ug/L	95
3) Chloromethane	2.215	50	96804	22.64	ug/L	97
5) Vinyl chloride	2.367	62	150461	24.48	ug/L	99
6) Bromomethane	2.788	94	100696	23.62	ug/L	98
8) Chloroethane	2.928	64	83677	24.33	ug/L	100
9) Trichlorofluoromethane	3.263	101	108167	24.61	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	146181	24.37	ug/L	90
12) 1,1-Dichloroethene	4.050	96	141995	24.47	ug/L	83
13) Acetone	4.117	43	37213	49.04	ug/L	87
14) Carbon disulfide	4.391	76	425897	24.02	ug/L	100
15) Methyl Acetate	4.666	43	46707	23.53	ug/L	95
16) Methylene chloride	4.922	84	134991	21.23	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	148510	23.99	ug/L	90
18) Methyl tert-butyl Ether	5.422	73	146613	23.76	ug/L #	94
19) 1,1-Dichloroethane	6.214	63	228861	23.61	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	151408	23.54	ug/L	90
22) 2-Butanone	7.165	43	59863	49.56	ug/L	97
23) Bromochloromethane	7.513	128	71358	23.26	ug/L #	79
25) Chloroform	7.671	83	250378	23.72	ug/L	99
27) 1,2-Dichloroethane	8.397	62	150375	23.54	ug/L #	95

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 Quant Title : SFAM01.0
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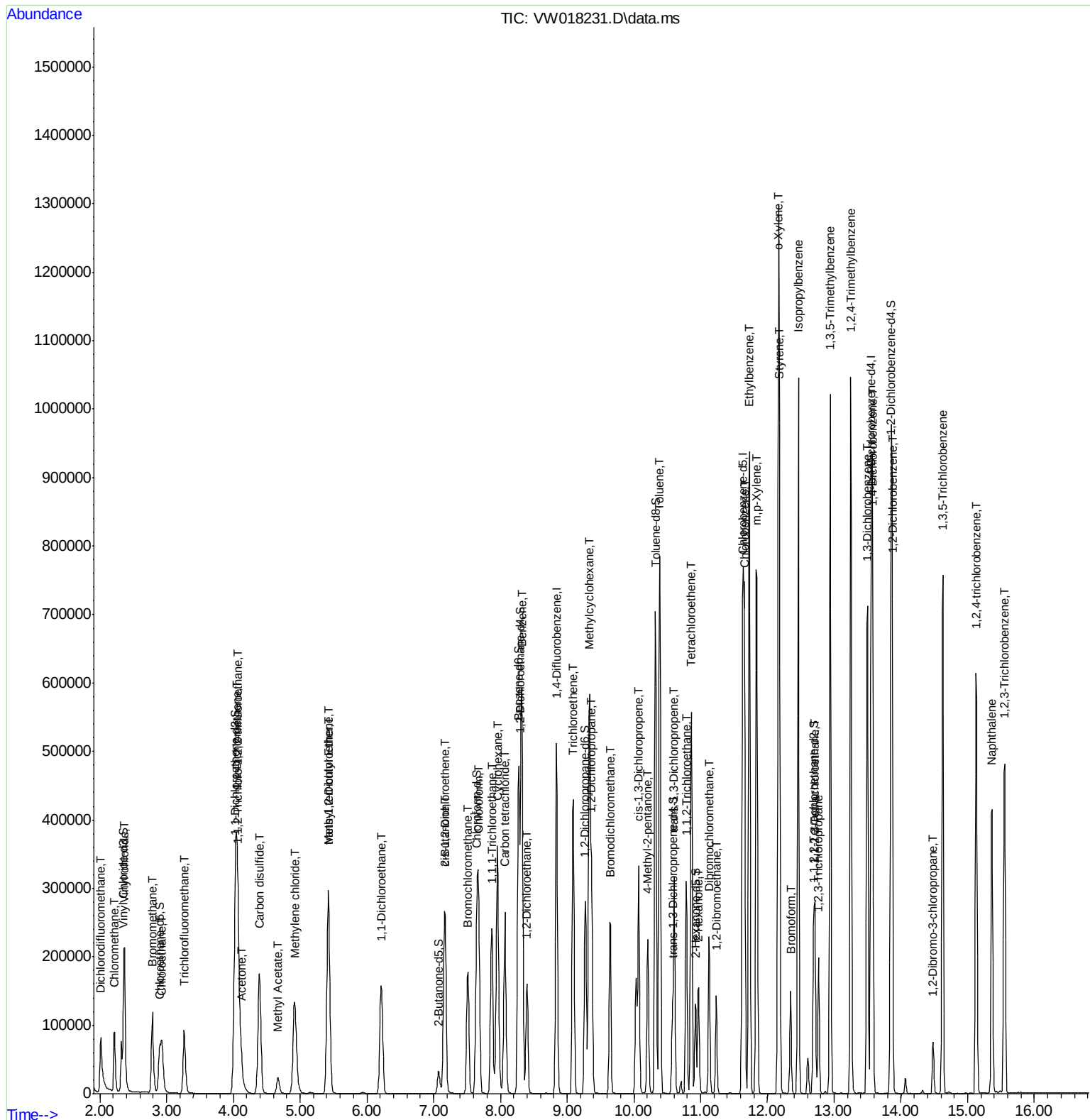
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	212261	25.35	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	206136	24.57	ug/L	95
31) Carbon tetrachloride	8.067	117	206623	25.40	ug/L	100
33) Benzene	8.323	78	547863	24.57	ug/L	100
34) Trichloroethene	9.092	95	151610	24.32	ug/L	89
35) Methylcyclohexane	9.335	83	257987	25.02	ug/L	96
37) 1,2-Dichloropropane	9.366	63	123691	24.01	ug/L	99
38) Bromodichloromethane	9.640	83	175022	24.25	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	204012	24.71	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	133455	51.01	ug/L #	90
42) Toluene	10.384	91	607627	24.74	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	175520	24.78	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	102293	24.26	ug/L	98
46) Tetrachloroethene	10.860	164	135707	24.56	ug/L	95
48) 2-Hexanone	10.969	43	93405	52.31	ug/L #	91
49) Dibromochloromethane	11.128	129	128034	24.57	ug/L	99
50) 1,2-Dibromoethane	11.231	107	100622	24.35	ug/L #	99
51) Chlorobenzene	11.658	112	402167	24.49	ug/L	93
52) Ethylbenzene	11.731	91	675002	24.36	ug/L	99
53) m,p-Xylene	11.835	106	267033	24.68	ug/L	97
54) o-Xylene	12.164	106	255208	24.95	ug/L	94
55) Styrene	12.182	104	431499	25.14	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	117667	24.94	ug/L	100
59) Bromoform	12.353	173	74110	25.09	ug/L #	97
60) Isopropylbenzene	12.463	105	688304	25.39	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	84696	24.91	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	585764	25.79	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	583486	25.78	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	321439	24.67	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	323599	24.80	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	282452	24.16	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18448	24.97	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	256325	25.58	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	215536	26.00	ug/L	97
71) Naphthalene	15.365	128	379865	26.09	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	182007	25.07	ug/L	96

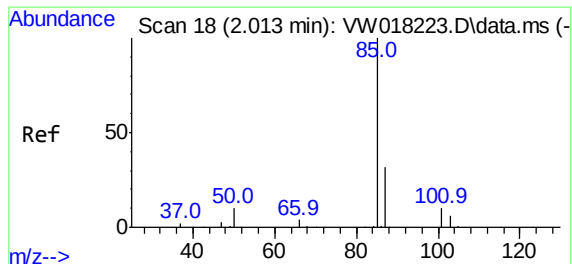
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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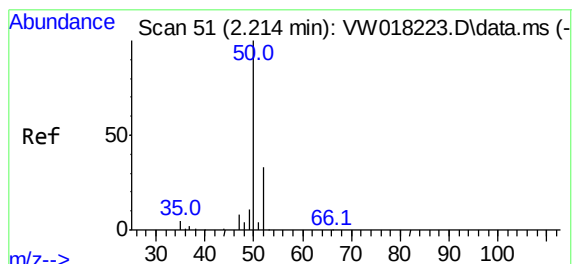
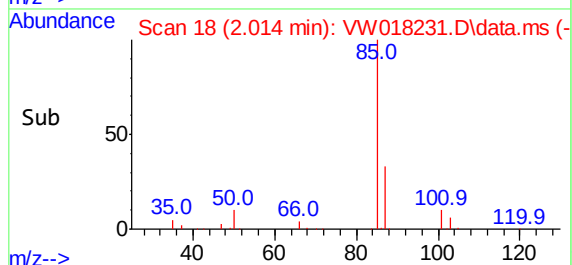
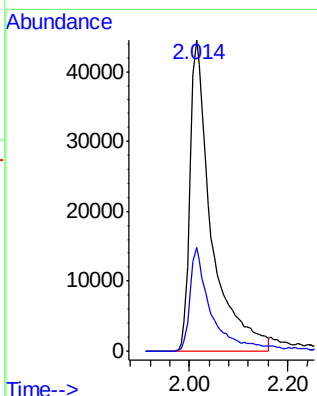
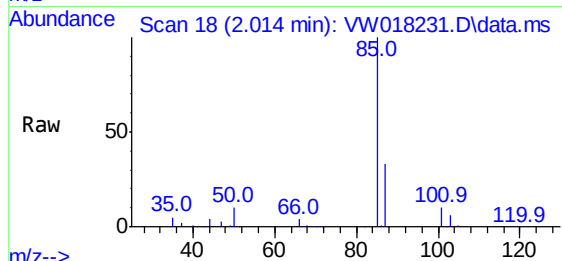




#2
Dichlorodifluoromethane
Concen: 24.16 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

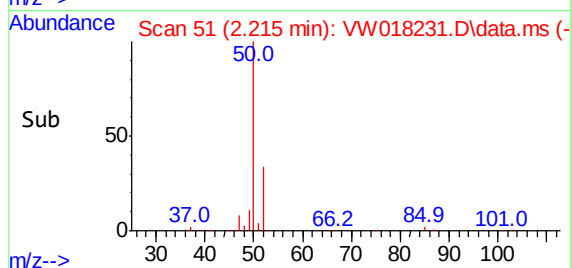
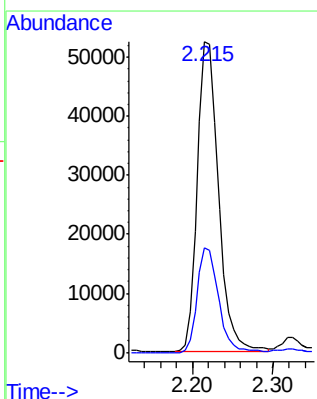
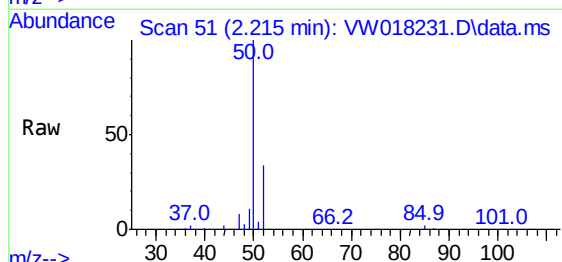
Instrument :
MSVOA_W
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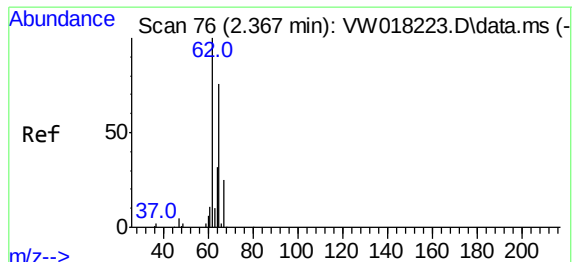
Tgt Ion: 85 Resp: 134723
Ion Ratio Lower Upper
85 100
87 31.6 23.3 34.9



#3
Chloromethane
Concen: 22.64 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 50 Resp: 96804
Ion Ratio Lower Upper
50 100
52 33.6 22.5 41.9

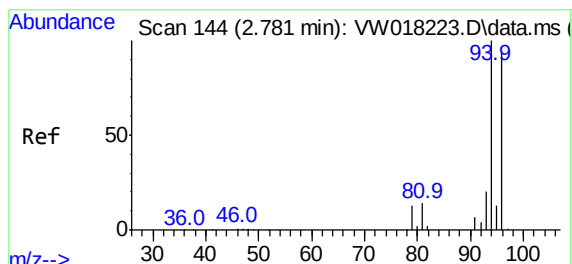
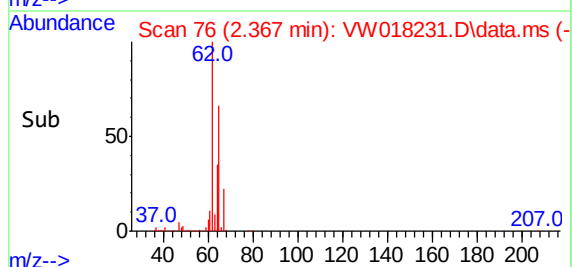
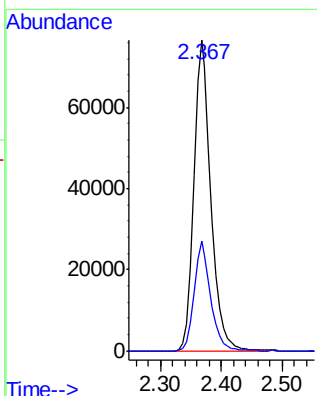
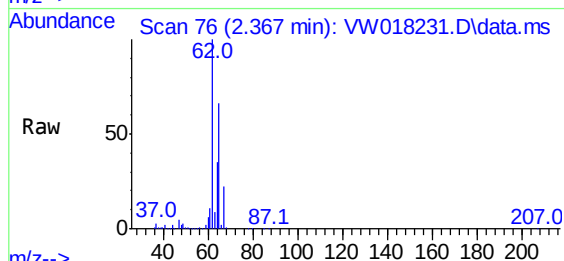




#5
 Vinyl chloride
 Concen: 24.48 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018231.D
 Acq: 24 Feb 2021 10:02

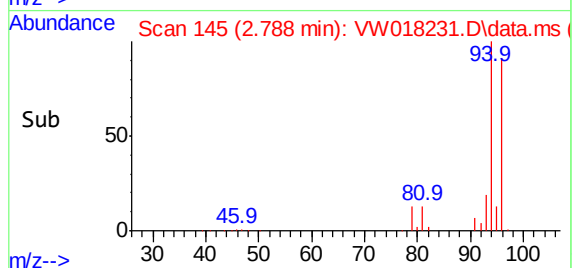
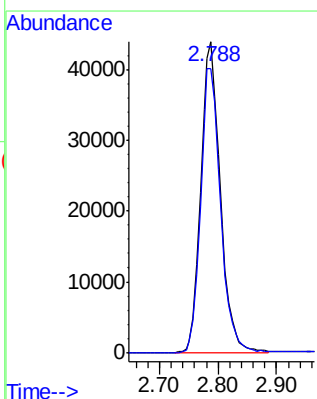
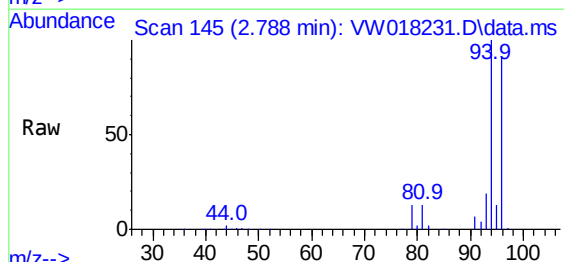
Instrument :
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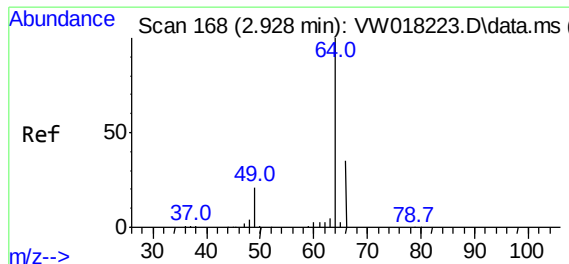
Tgt Ion: 62 Resp: 150461
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.2 45.0



#6
 Bromomethane
 Concen: 23.62 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018231.D
 Acq: 24 Feb 2021 10:02

Tgt Ion: 94 Resp: 100696
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.3 121.3

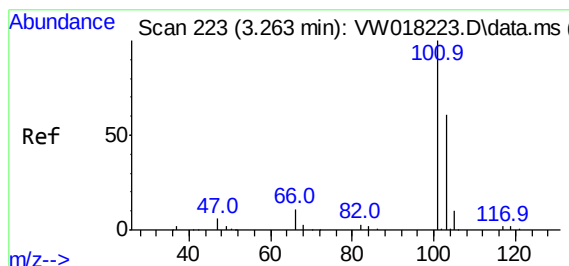
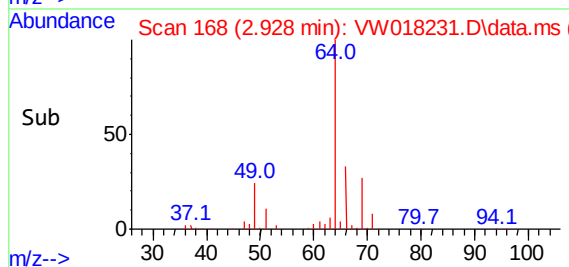
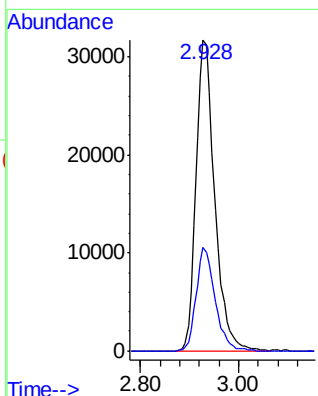
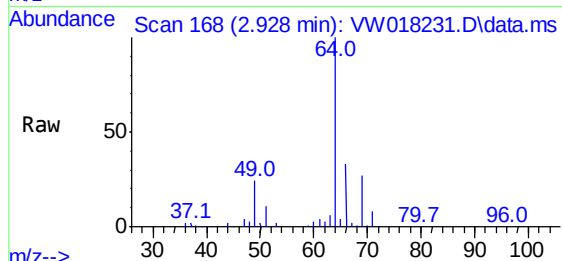




#8
Chloroethane
Concen: 24.33 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

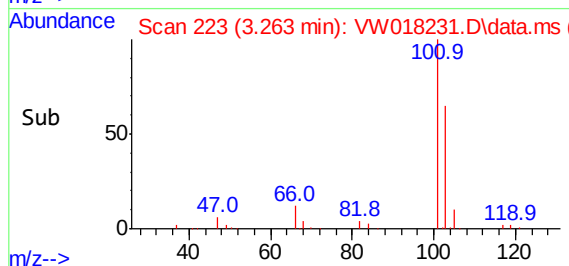
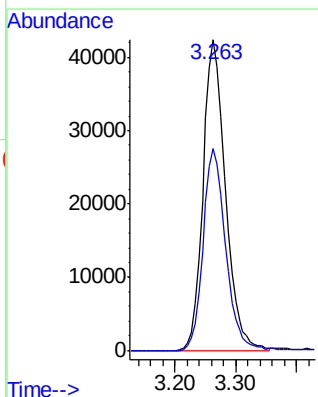
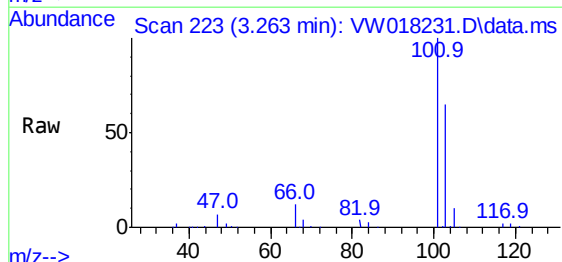
Instrument :
MSVOA_W
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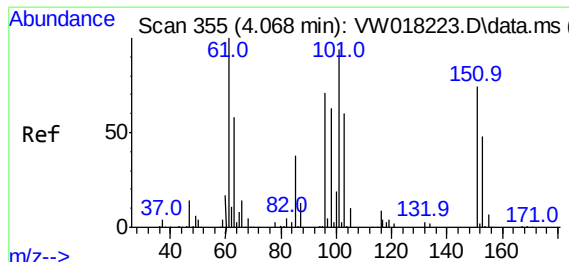
Tgt Ion: 64 Resp: 83677
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.61 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion:101 Resp: 108167
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.37 ug/L

RT: 4.068 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW018231.D

Acq: 24 Feb 2021 10:02

Tgt Ion:101 Resp: 146181

Ion Ratio Lower Upper

101 100

85 40.6 38.2 57.2

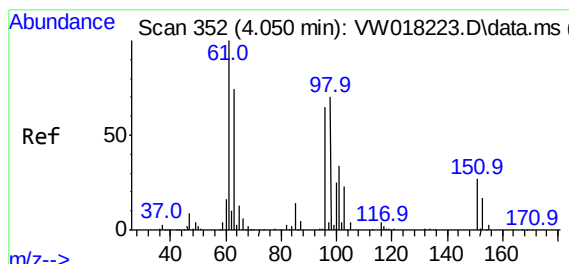
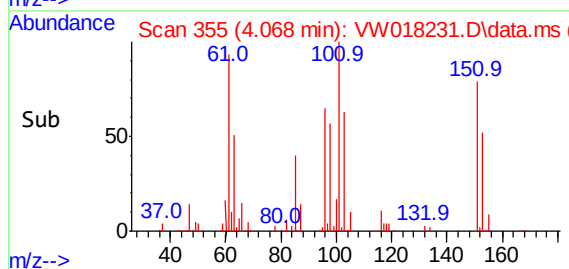
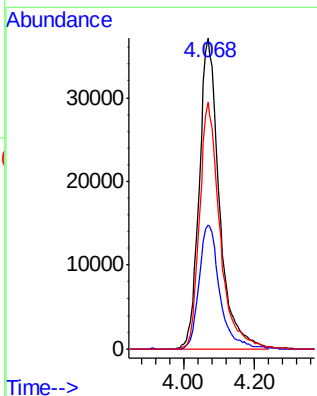
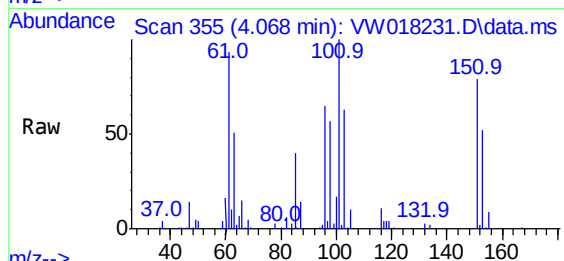
151 79.2 56.6 85.0

Instrument :

MSVOA_W

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#12

1,1-Dichloroethene

Concen: 24.47 ug/L

RT: 4.050 min Scan# 352

Delta R.T. 0.000 min

Lab File: VW018231.D

Acq: 24 Feb 2021 10:02

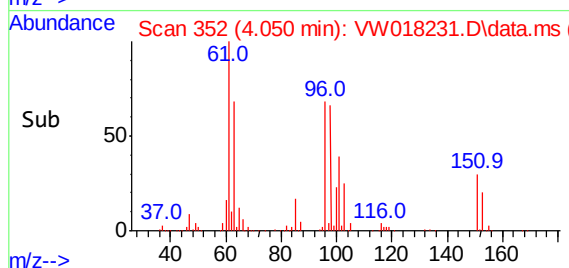
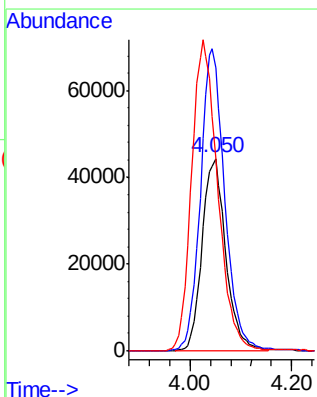
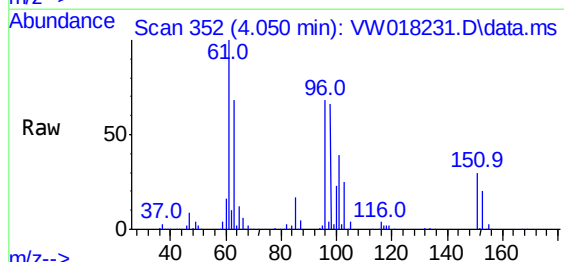
Tgt Ion: 96 Resp: 141995

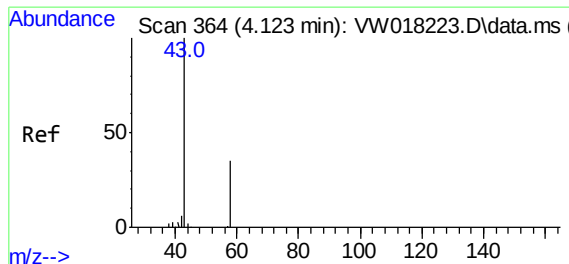
Ion Ratio Lower Upper

96 100

61 147.1 118.1 219.3

63 100.0 83.7 155.5

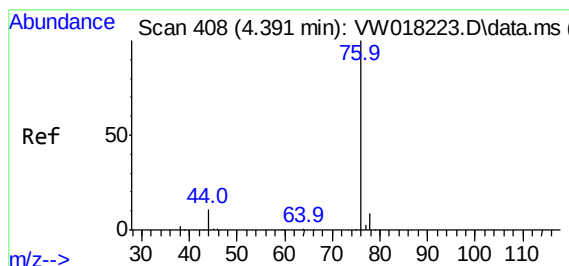
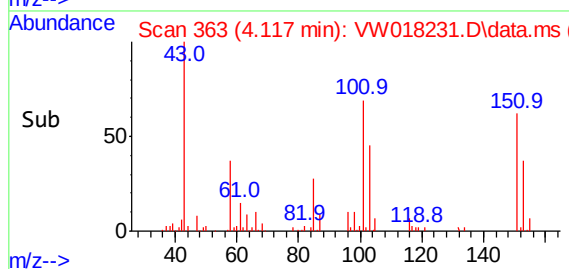
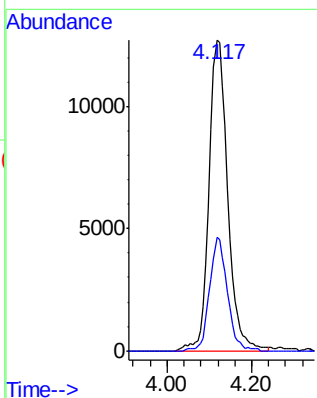
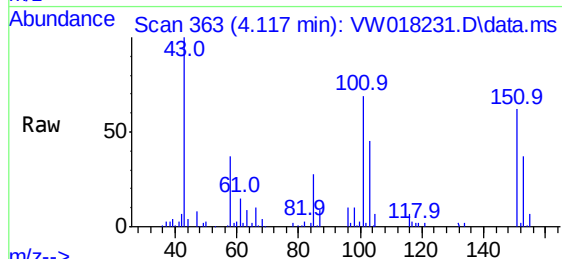




#13
Acetone
Concen: 49.04 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

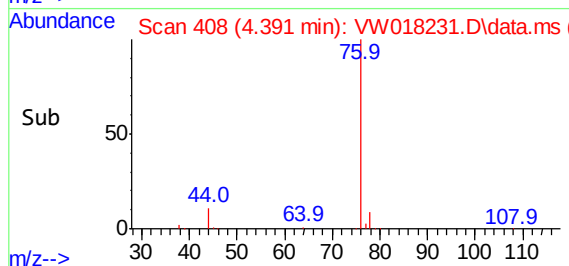
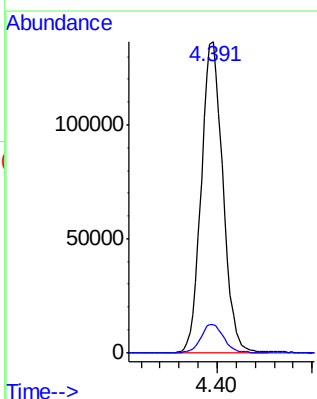
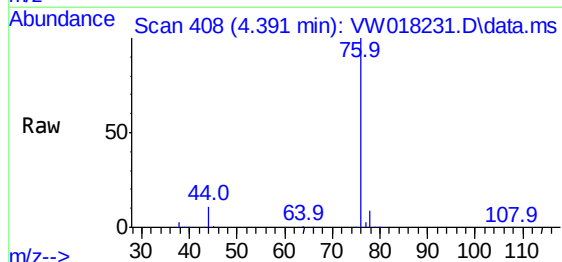
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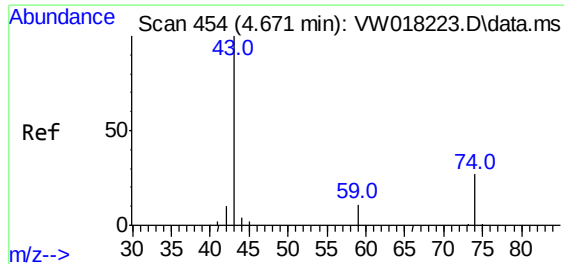
Tgt Ion: 43 Resp: 37213
Ion Ratio Lower Upper
43 100
58 33.9 0.0 53.8



#14
Carbon disulfide
Concen: 24.02 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 425897
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

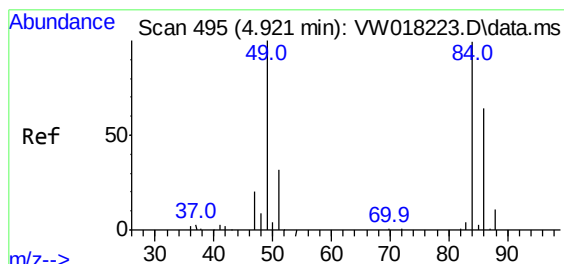
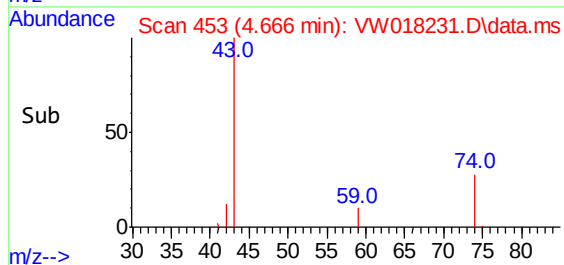
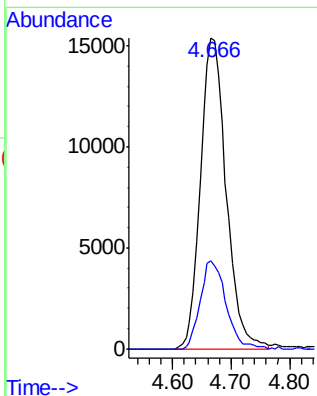
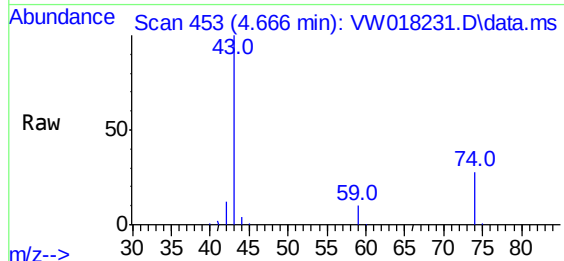




#15
Methyl Acetate
Concen: 23.53 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

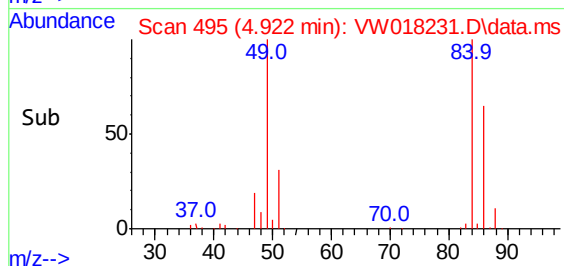
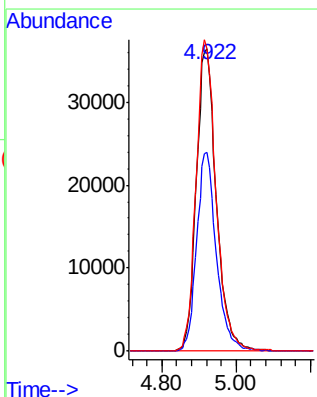
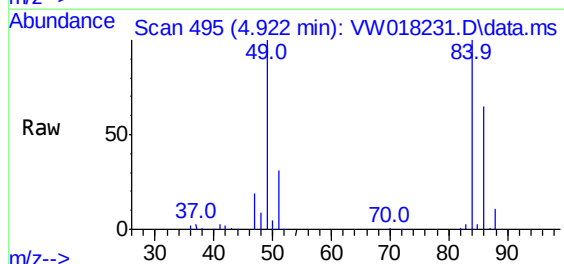
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

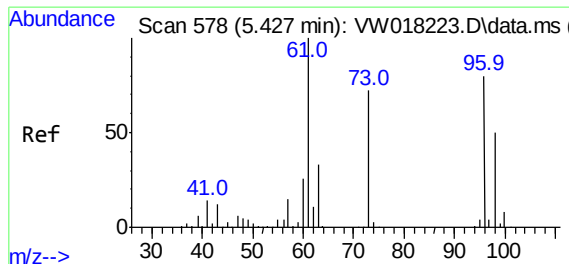
Tgt Ion: 43 Resp: 46707
Ion Ratio Lower Upper
43 100
74 27.4 20.0 30.0



#16
Methylene chloride
Concen: 21.23 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 84 Resp: 134991
Ion Ratio Lower Upper
84 100
86 65.5 45.3 84.1
49 100.1 86.6 160.8

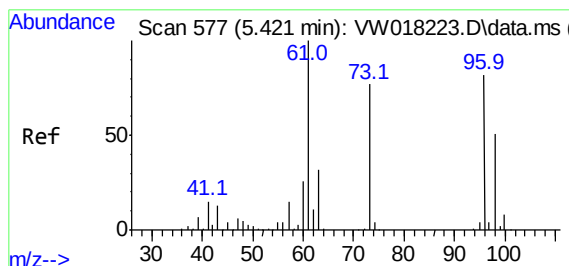
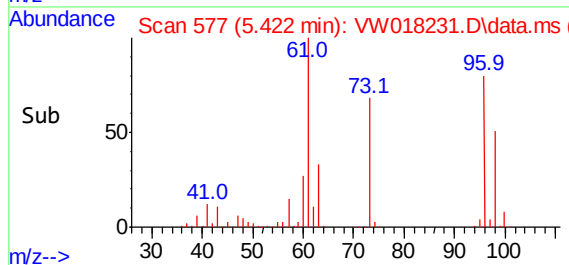
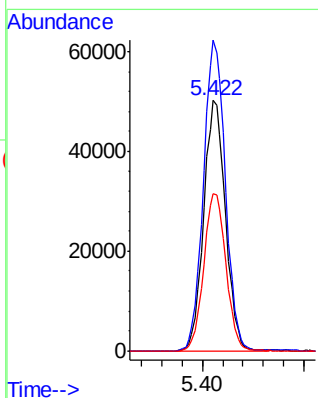
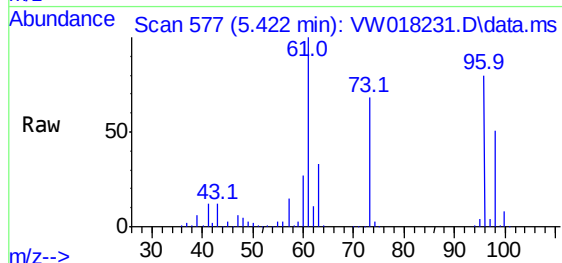




#17
trans-1,2-Dichloroethene
Concen: 23.99 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

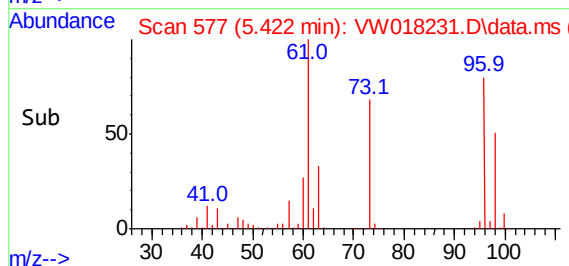
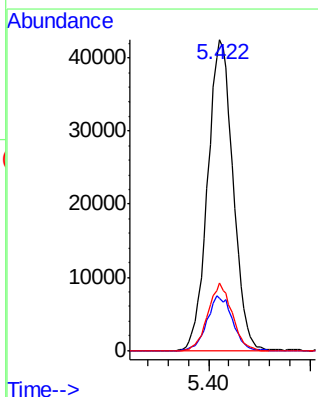
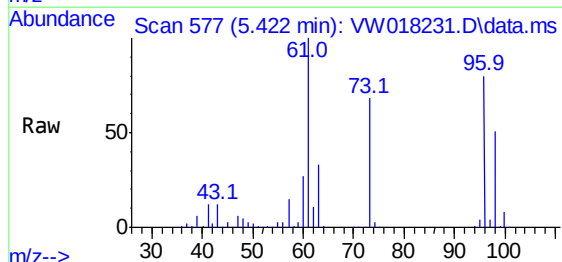
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

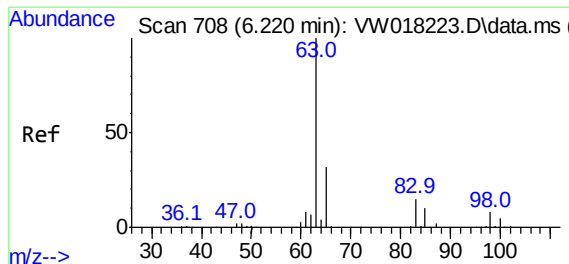
Tgt Ion: 96 Resp: 148510
Ion Ratio Lower Upper
96 100
61 124.2 98.3 182.7
98 63.0 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 23.76 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 73 Resp: 146613
Ion Ratio Lower Upper
73 100
43 17.6 17.7 26.5#
57 20.5 17.0 25.4

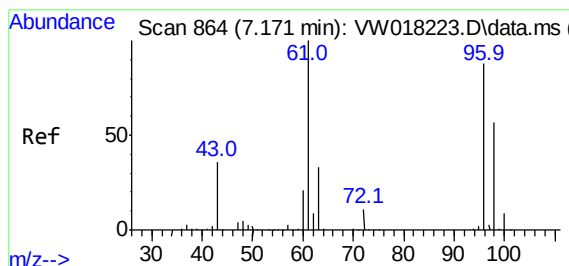
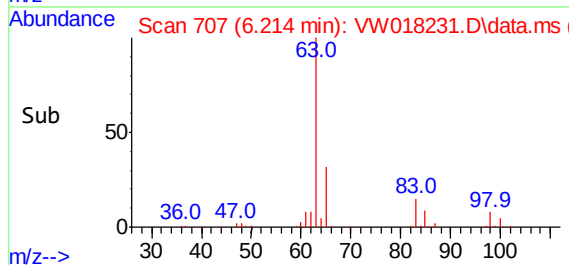
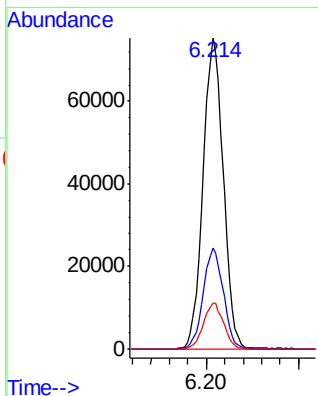
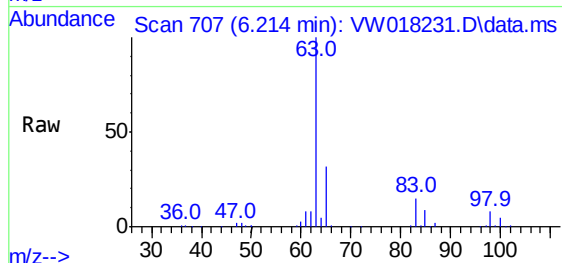




#19
1,1-Dichloroethane
Concen: 23.61 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

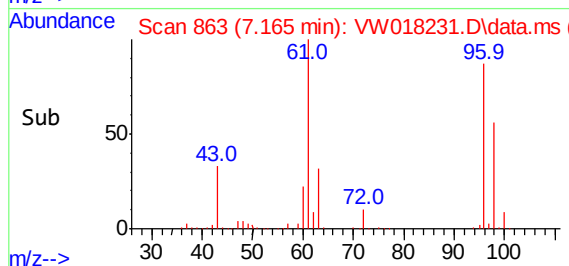
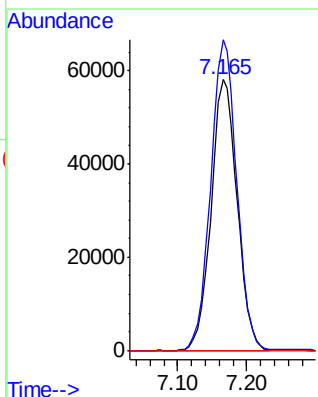
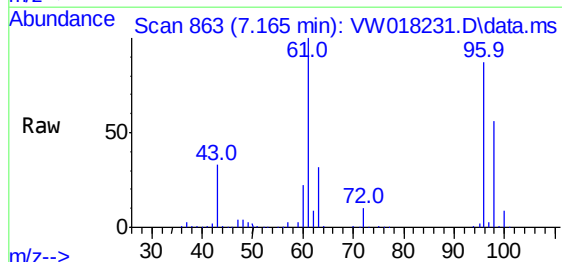
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

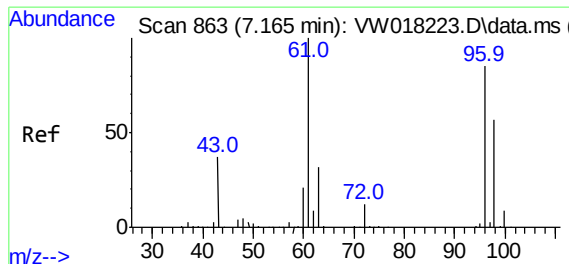
Tgt Ion: 63 Resp: 228861
Ion Ratio Lower Upper
63 100
65 32.5 22.9 42.5
83 14.7 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 23.54 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 96 Resp: 151408
Ion Ratio Lower Upper
96 100
61 114.7 88.5 164.3
68 0.0 0.0 0.0

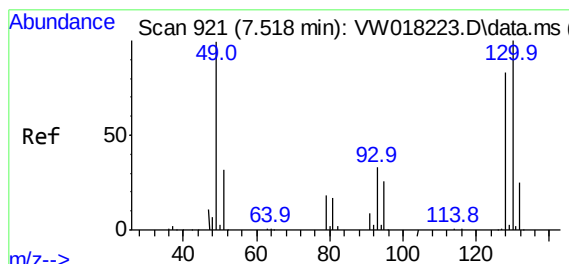
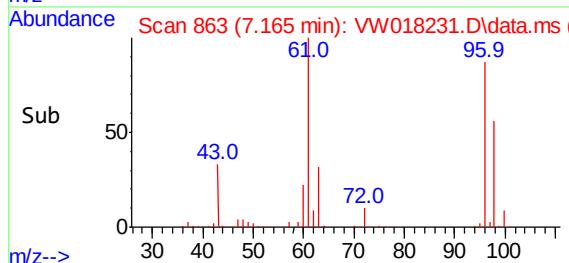
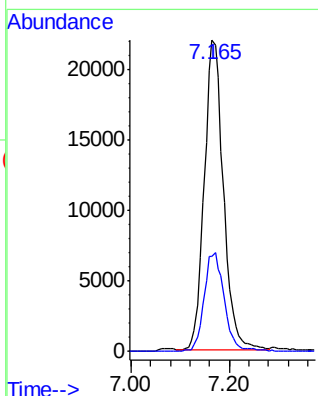
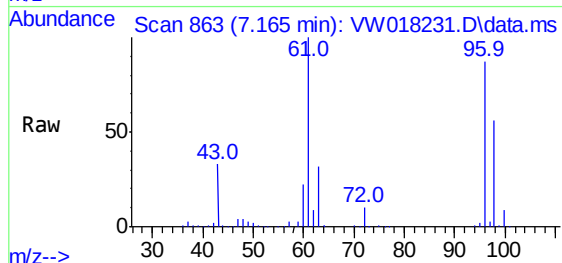




#22
2-Butanone
Concen: 49.56 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

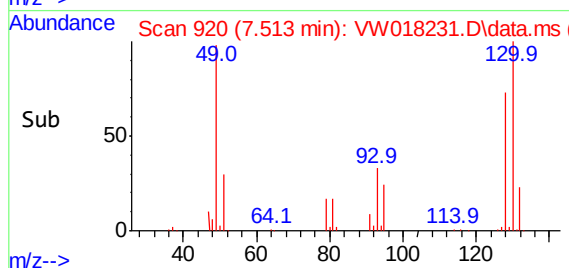
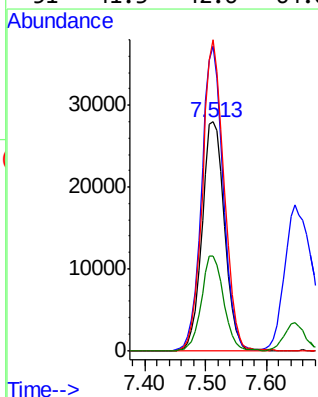
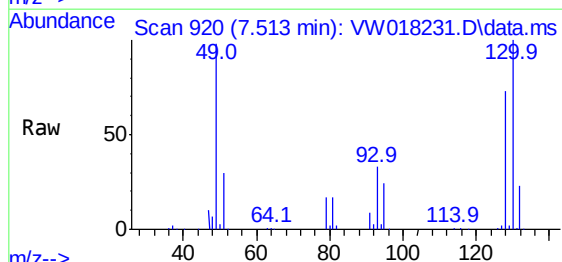
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

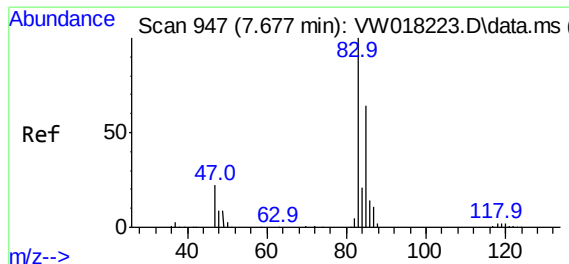
Tgt Ion: 43 Resp: 59863
Ion Ratio Lower Upper
43 100
72 31.5 14.9 44.7



#23
Bromochloromethane
Concen: 23.26 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 128 Resp: 71358
Ion Ratio Lower Upper
128 100
49 133.1 116.3 215.9
130 136.2 82.4 153.0
51 41.3 42.6 64.0#

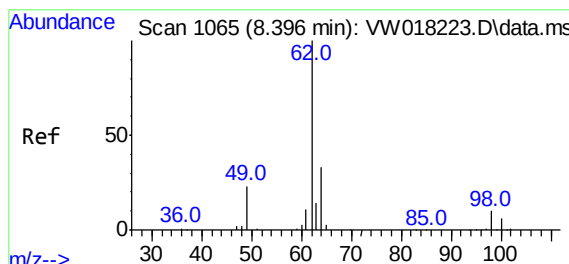
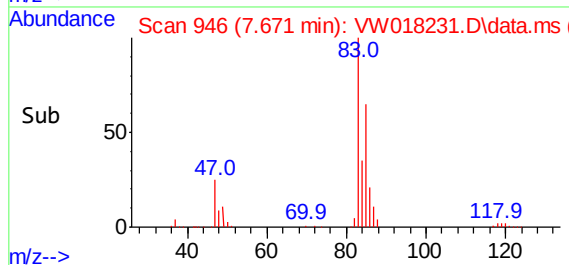
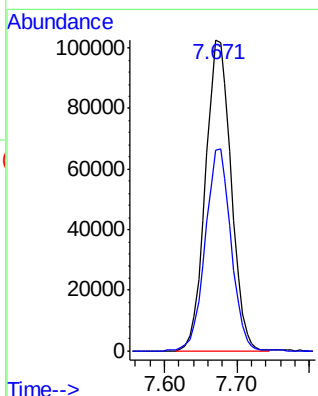
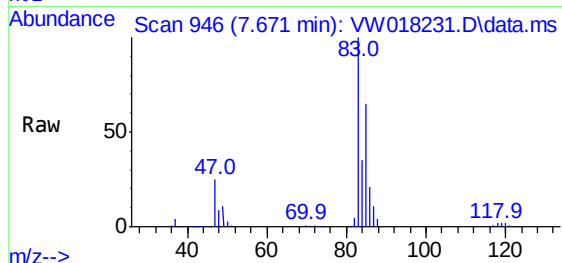




#25
Chloroform
Concen: 23.72 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

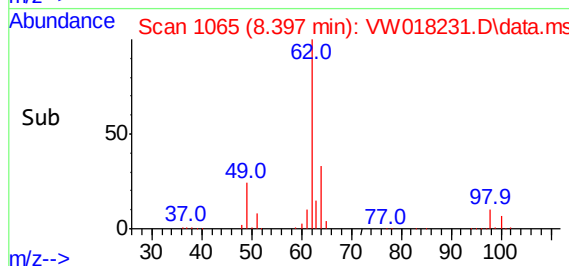
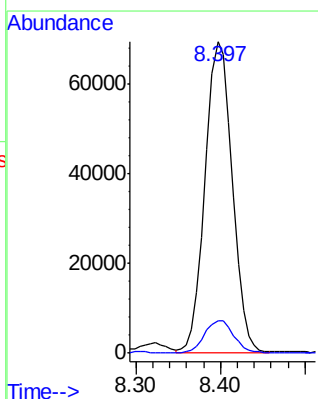
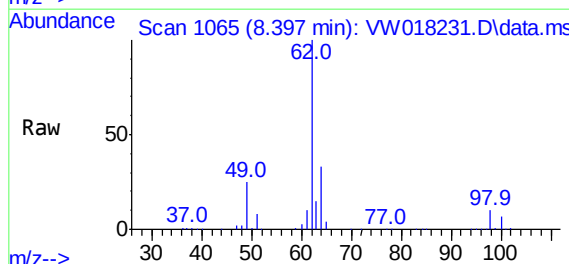
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

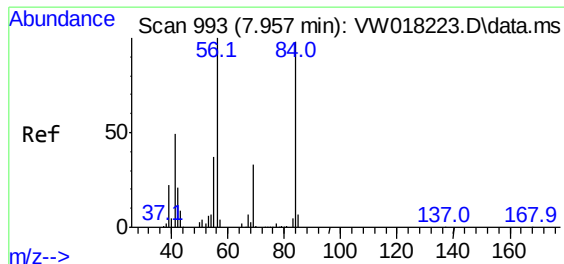
Tgt Ion: 83 Resp: 250378
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.54 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 62 Resp: 150375
Ion Ratio Lower Upper
62 100
98 10.4 6.9 10.3#

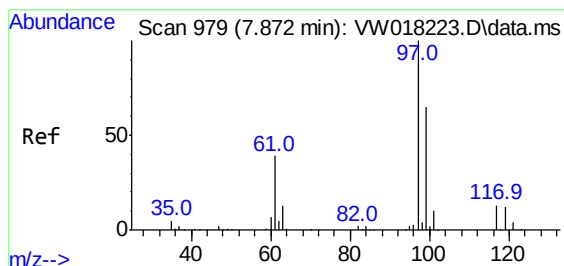
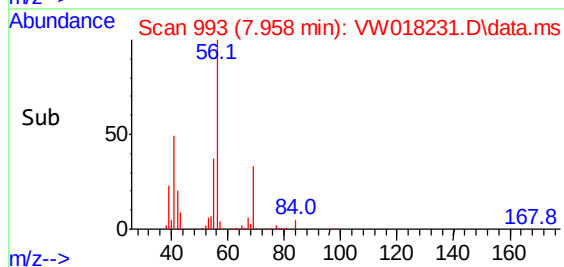
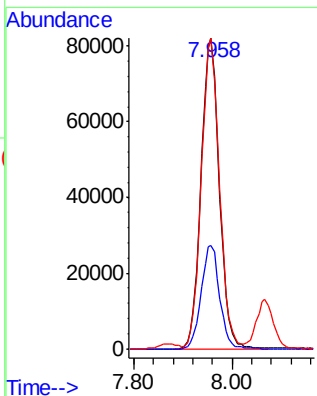
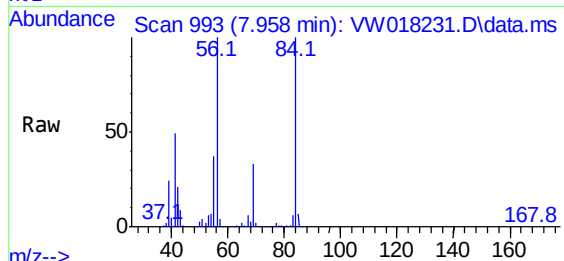




#29
Cyclohexane
Concen: 25.35 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

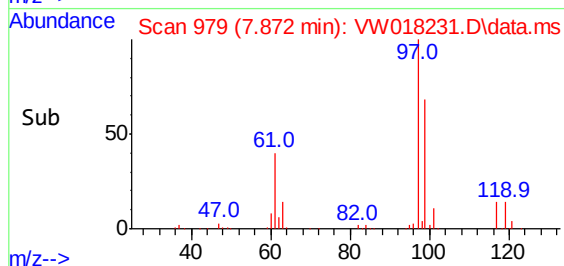
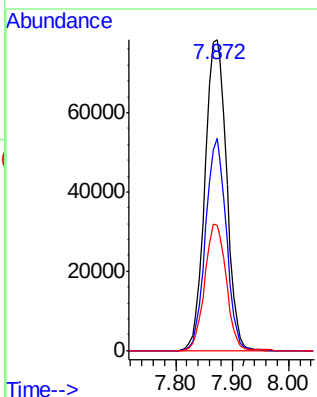
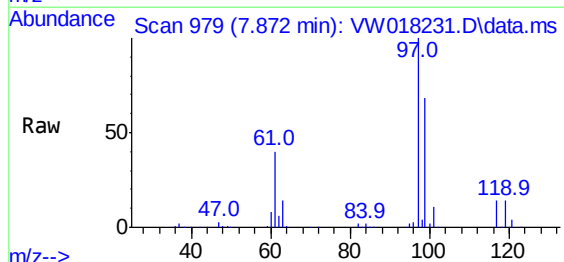
Instrument :
MSVOA_W
ClientSampleId :
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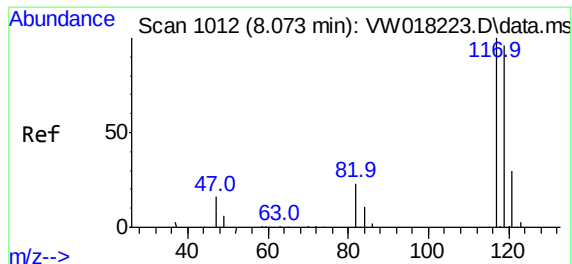
Tgt Ion: 56 Resp: 212261
Ion Ratio Lower Upper
56 100
69 33.3 24.5 36.7
84 99.4 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 24.57 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 97 Resp: 206136
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 40.3 37.8 56.6

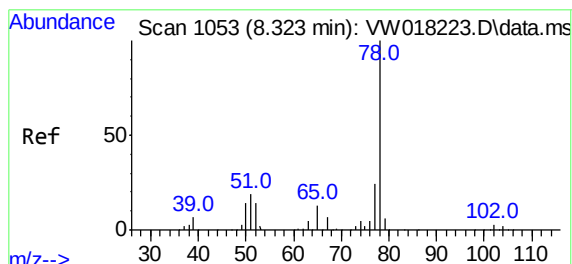
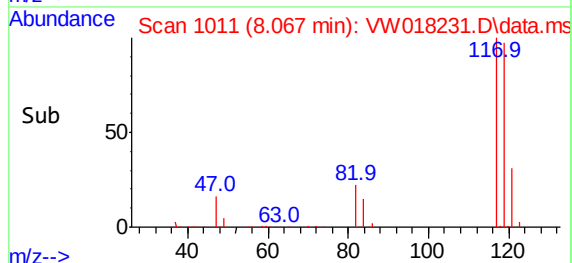
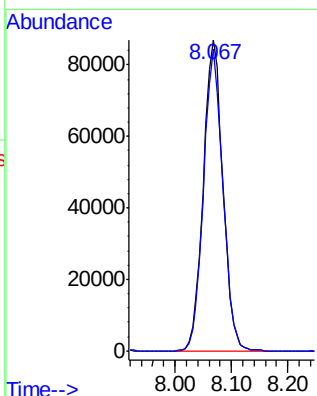
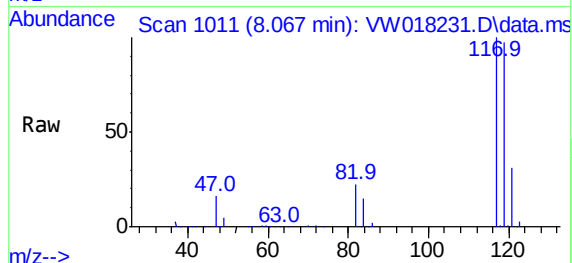




#31
Carbon tetrachloride
Concen: 25.40 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

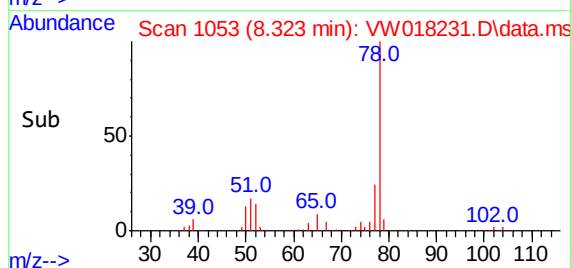
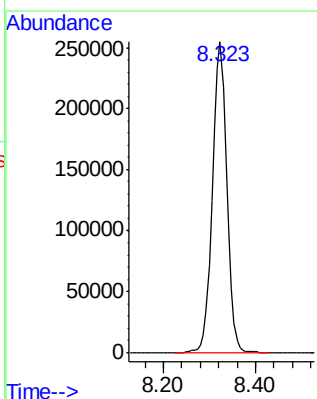
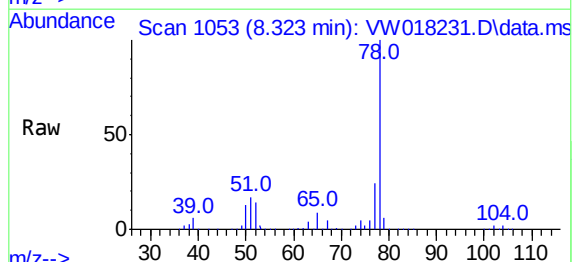
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

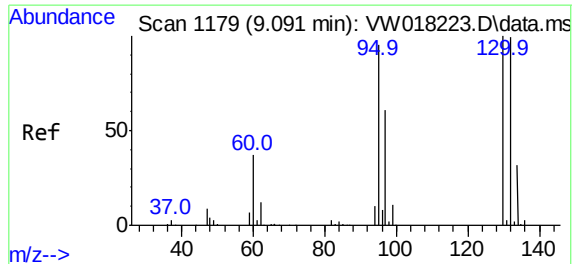
Tgt Ion:117 Resp: 206623
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7



#33
Benzene
Concen: 24.57 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 78 Resp: 547863

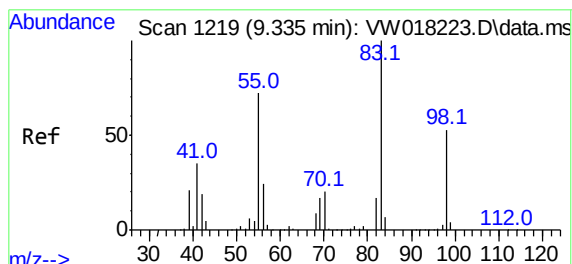
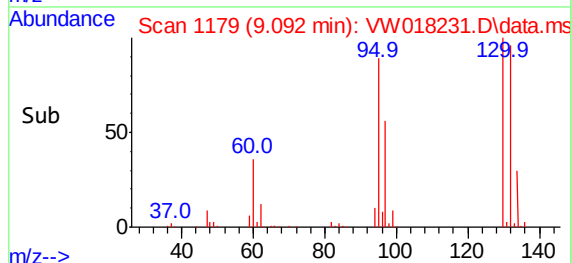
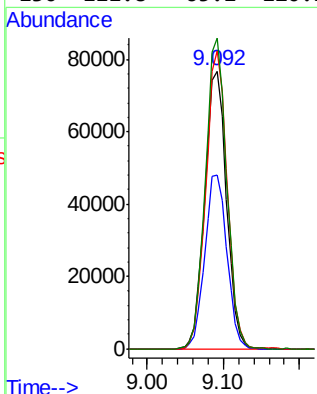
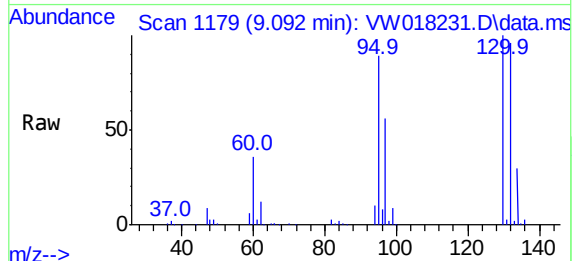




#34
Trichloroethene
Concen: 24.32 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

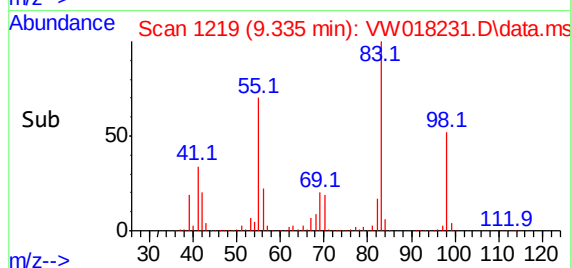
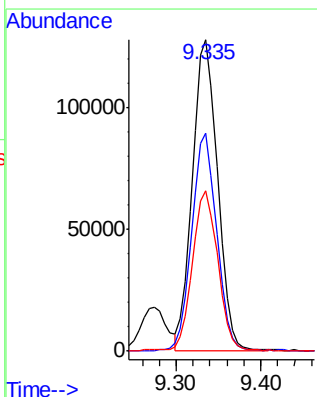
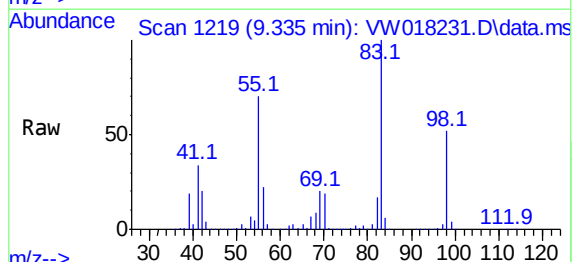
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

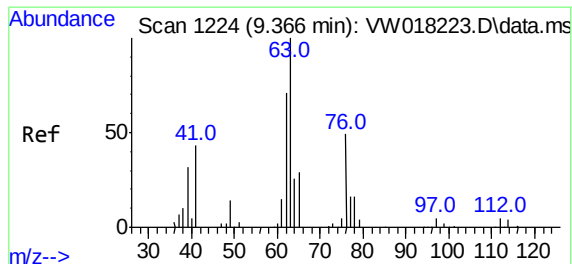
Tgt Ion: 95 Resp: 151610
Ion Ratio Lower Upper
95 100
97 62.4 47.3 87.8
132 107.3 71.0 131.8
130 111.8 65.1 120.9



#35
Methylcyclohexane
Concen: 25.02 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 83 Resp: 257987
Ion Ratio Lower Upper
83 100
55 69.0 58.9 88.3
98 51.6 40.1 60.1

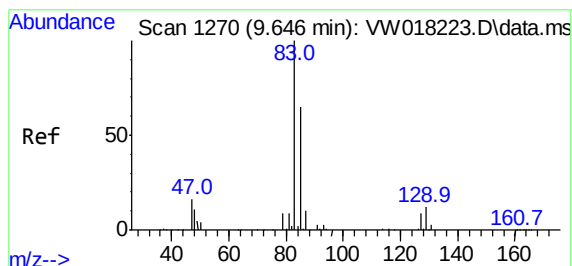
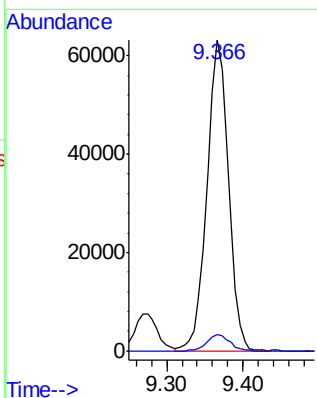
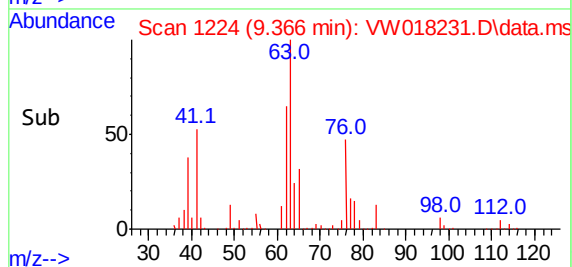
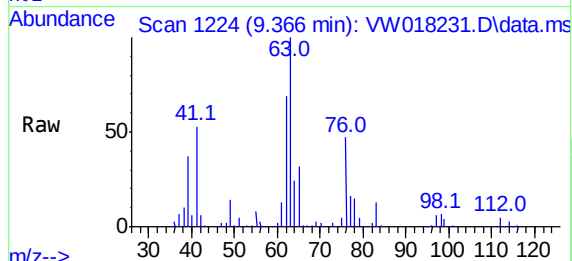




#37
1,2-Dichloropropane
Concen: 24.01 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

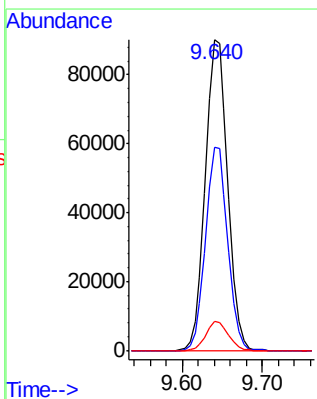
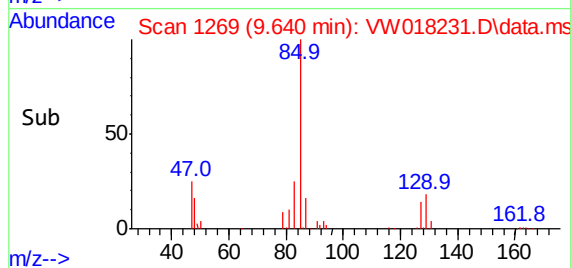
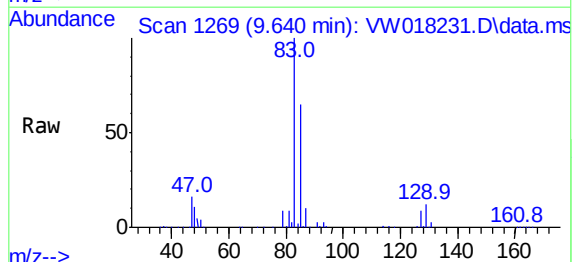
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

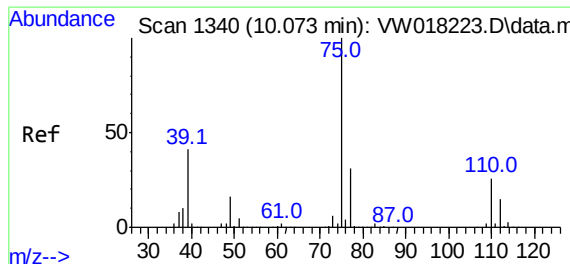
Tgt Ion: 63 Resp: 123691
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 24.25 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 83 Resp: 175022
Ion Ratio Lower Upper
83 100
85 65.3 42.3 78.5
127 9.3 6.6 9.8

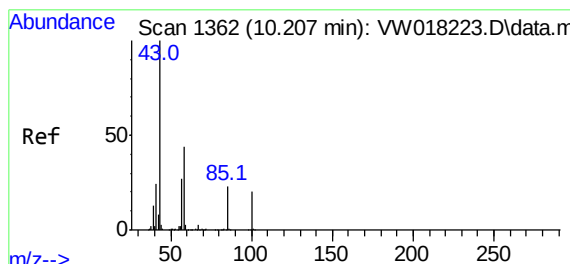
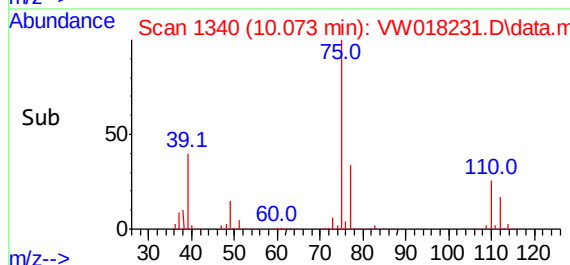
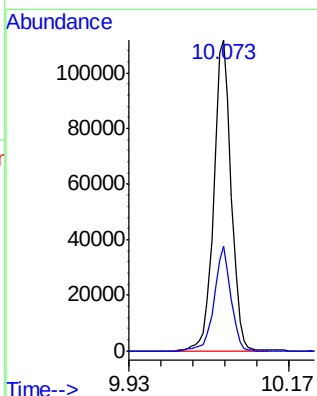
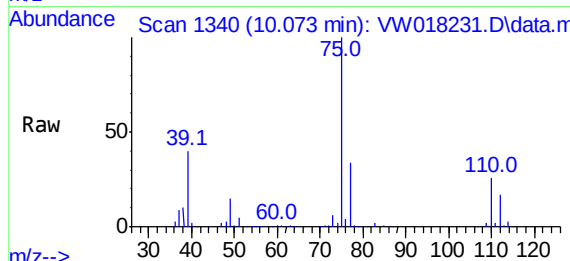




#39
cis-1,3-Dichloropropene
Concen: 24.71 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

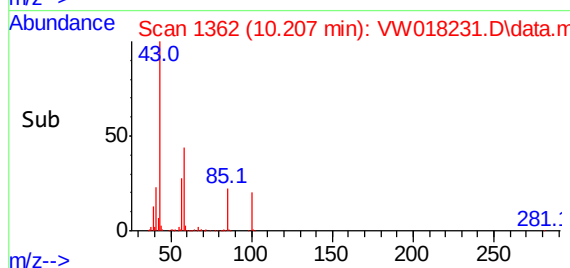
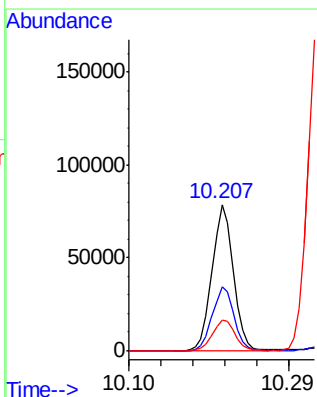
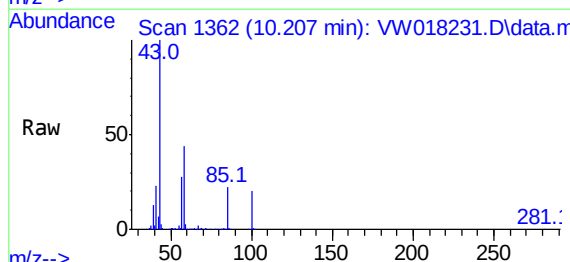
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

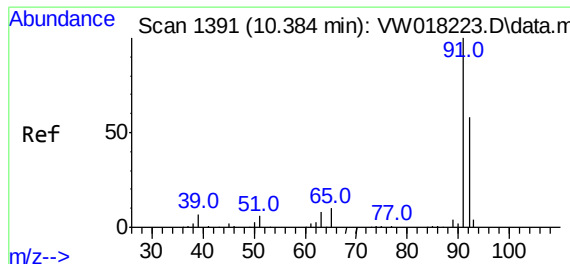
Tgt Ion: 75 Resp: 204012
Ion Ratio Lower Upper
75 100
77 33.5 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 51.01 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 43 Resp: 133455
Ion Ratio Lower Upper
43 100
58 44.4 31.0 46.4
100 21.5 13.0 19.6#

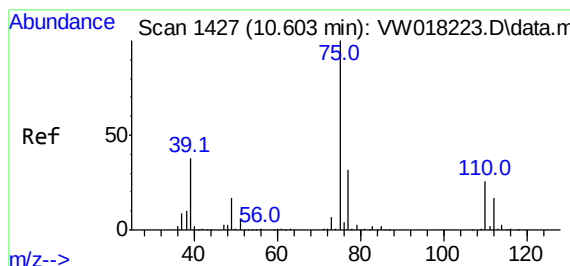
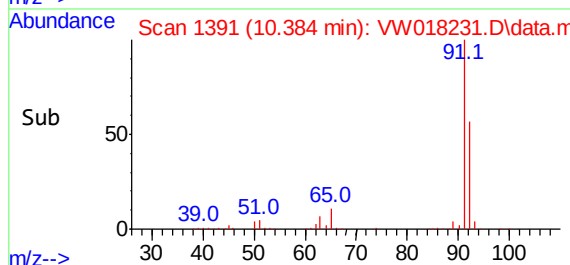
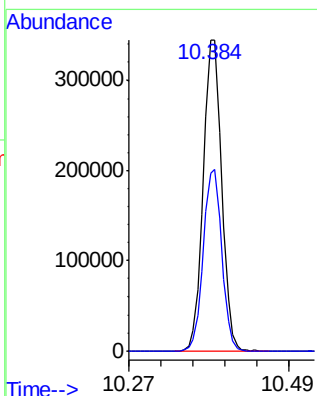
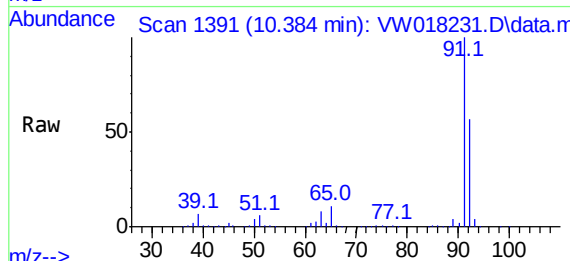




#42
Toluene
Concen: 24.74 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

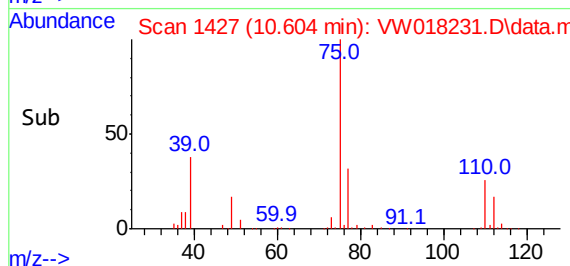
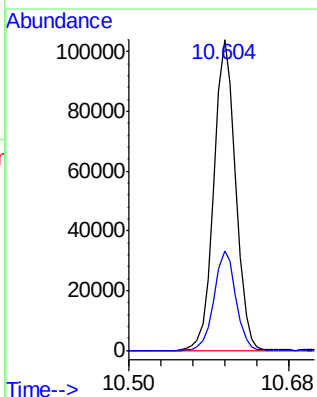
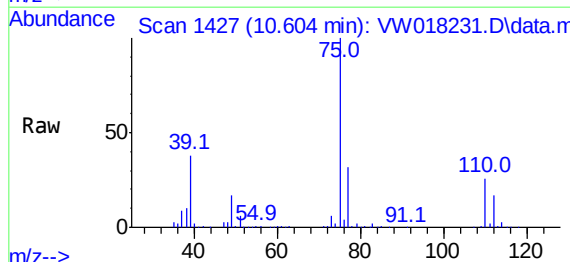
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

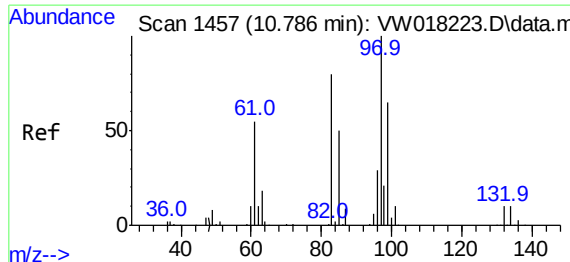
Tgt Ion: 91 Resp: 607627
Ion Ratio Lower Upper
91 100
92 57.3 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 24.78 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 75 Resp: 175520
Ion Ratio Lower Upper
75 100
77 32.2 21.1 39.1



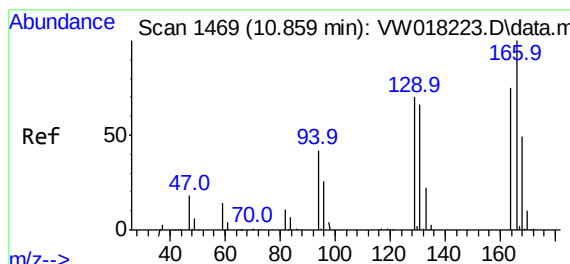
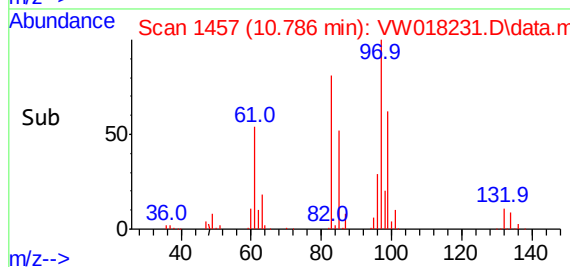
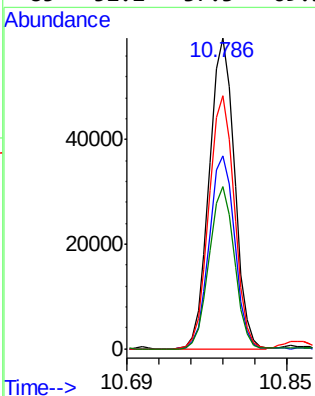
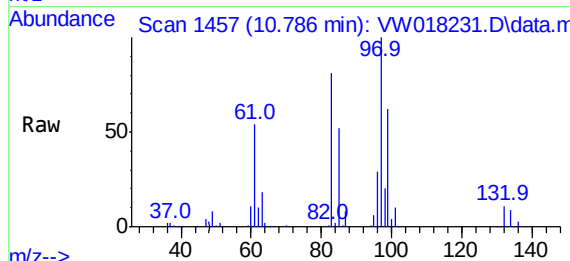


#45
1,1,2-Trichloroethane
Concen: 24.26 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion: 97 Resp: 102293

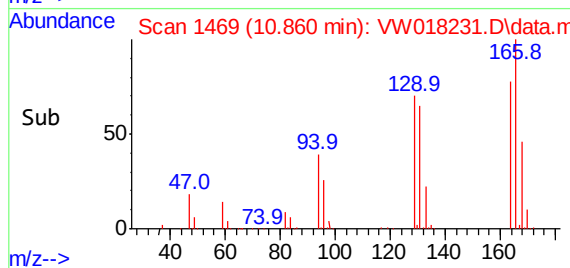
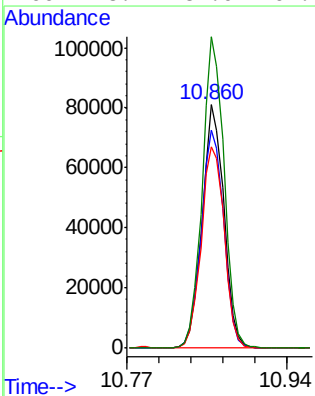
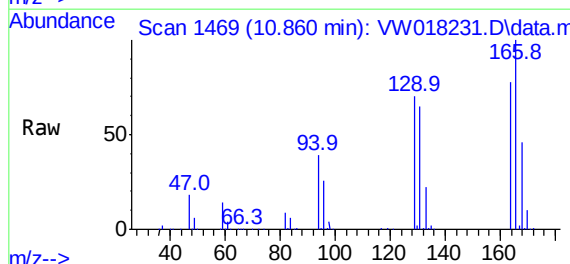
Ion	Ratio	Lower	Upper
97	100		
99	62.2	45.1	83.7
83	81.3	58.1	107.9
85	52.2	37.3	69.3

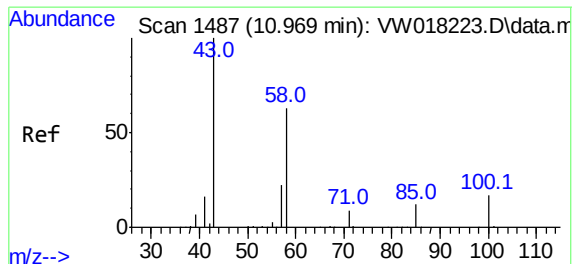


#46
Tetrachloroethene
Concen: 24.56 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 164 Resp: 135707

Ion	Ratio	Lower	Upper
164	100		
129	89.6	66.7	123.9
131	82.8	61.1	113.5
166	128.2	87.0	161.6

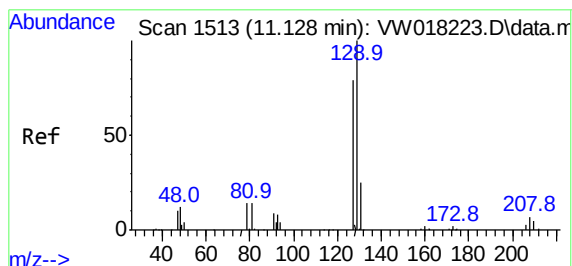
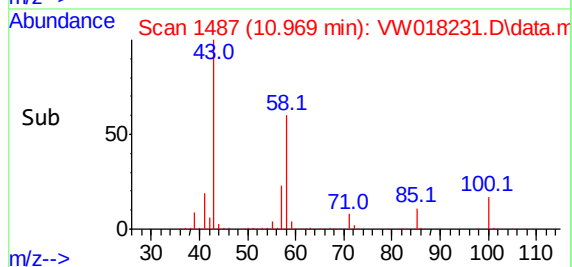
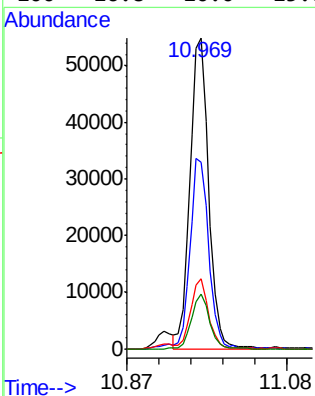
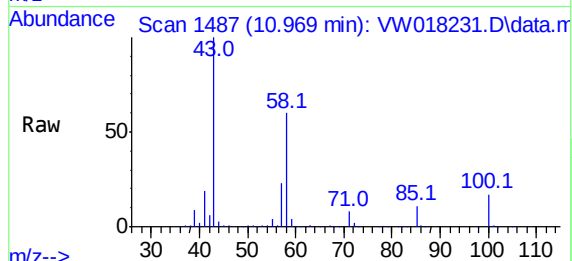




#48
2-Hexanone
Concen: 52.31 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

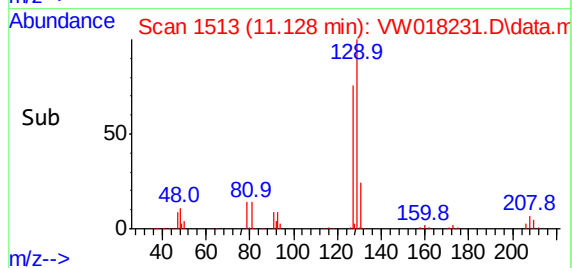
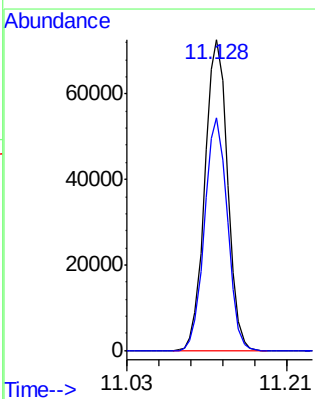
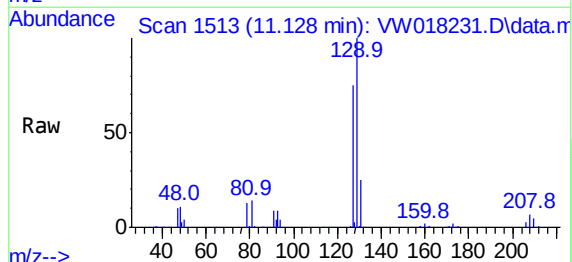
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

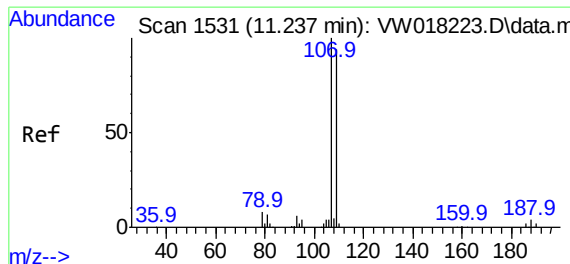
Tgt Ion: 43 Resp: 93405
Ion Ratio Lower Upper
43 100
58 60.5 42.7 64.1
57 21.3 15.8 23.8
100 16.8 10.0 15.0#



#49
Dibromochloromethane
Concen: 24.57 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 129 Resp: 128034
Ion Ratio Lower Upper
129 100
127 74.9 51.7 95.9

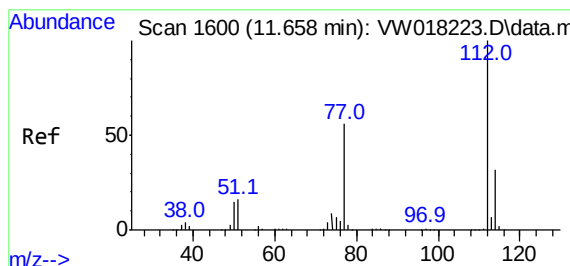
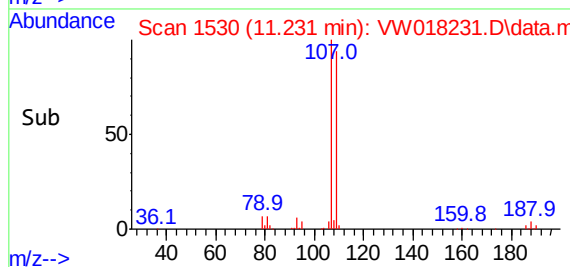
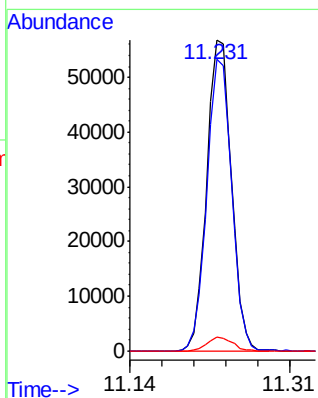
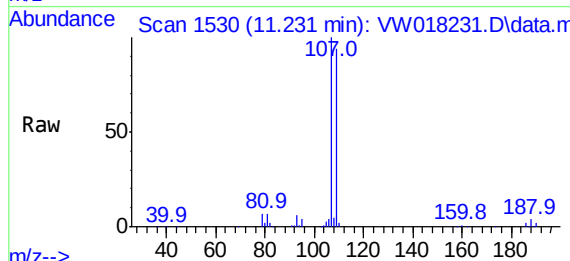




#50
1,2-Dibromoethane
Concen: 24.35 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

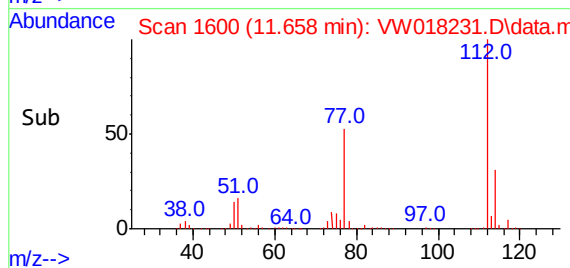
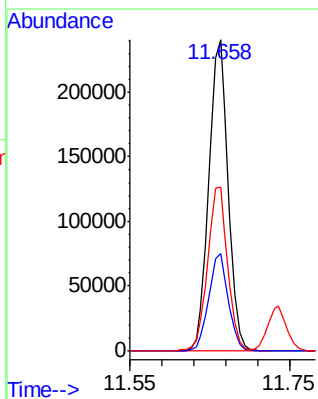
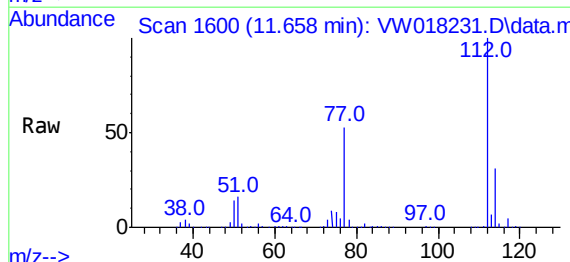
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

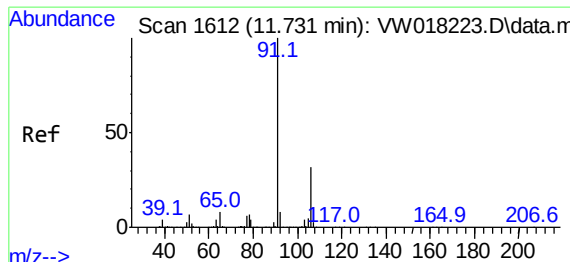
Tgt Ion:107 Resp: 100622
Ion Ratio Lower Upper
107 100
109 94.0 65.4 121.4
188 4.3 2.6 4.0#



#51
Chlorobenzene
Concen: 24.49 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion:112 Resp: 402167
Ion Ratio Lower Upper
112 100
114 31.2 23.4 43.6
77 52.7 47.6 71.4

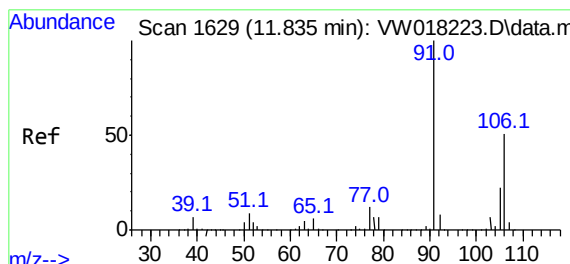
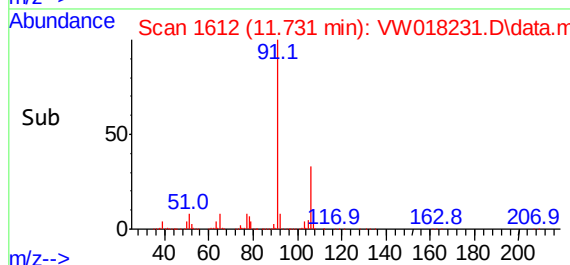
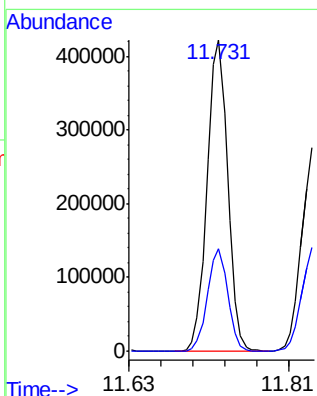
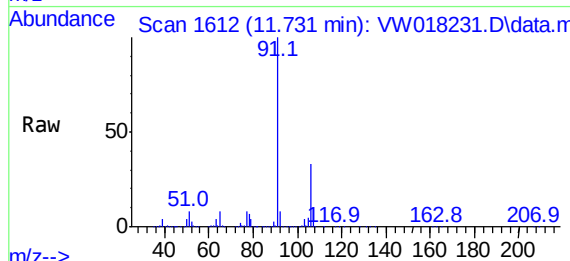




#52
Ethylbenzene
Concen: 24.36 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

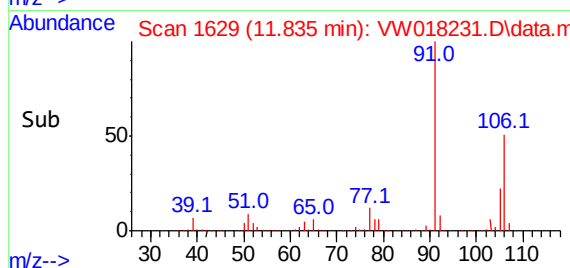
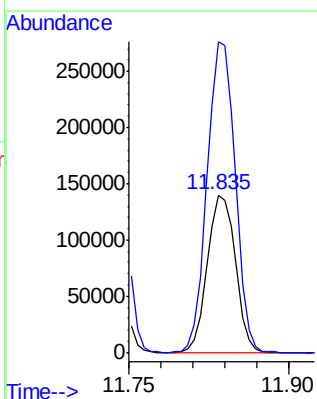
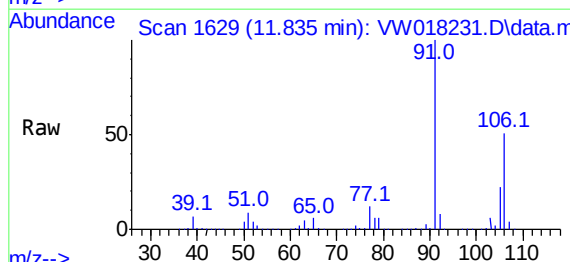
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

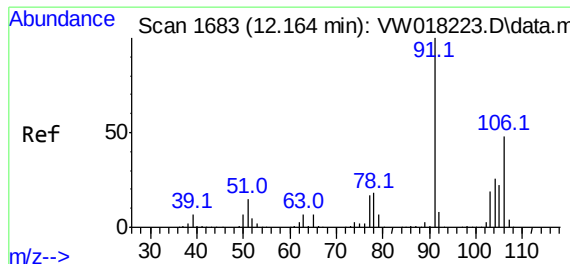
Tgt Ion: 91 Resp: 675002
Ion Ratio Lower Upper
91 100
106 32.9 22.5 41.7



#53
m,p-Xylene
Concen: 24.68 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 106 Resp: 267033
Ion Ratio Lower Upper
106 100
91 196.9 141.3 262.3

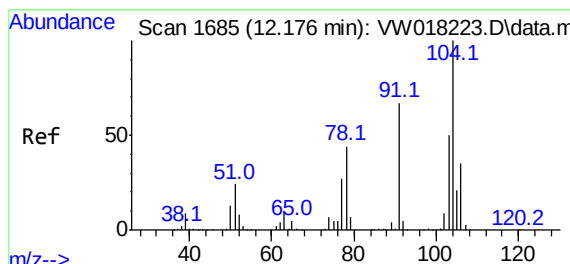
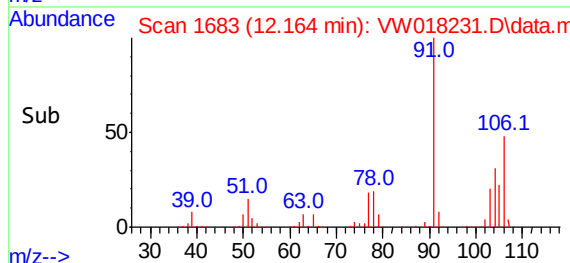
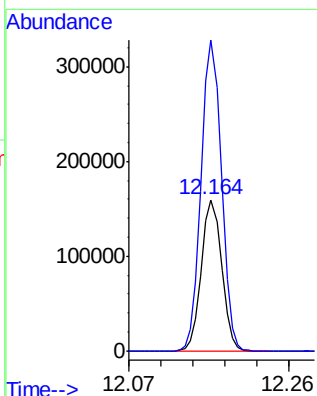
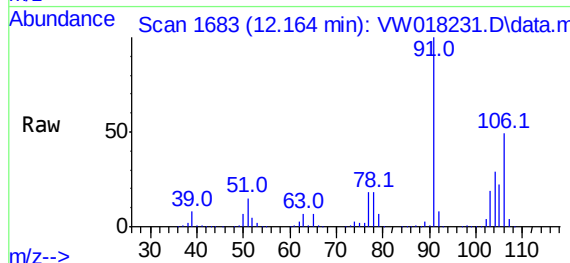




#54
o-Xylene
Concen: 24.95 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

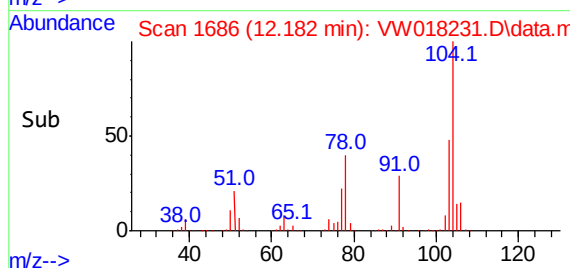
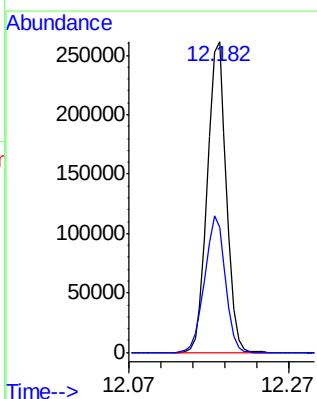
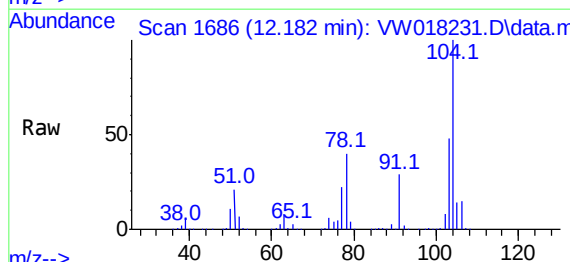
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

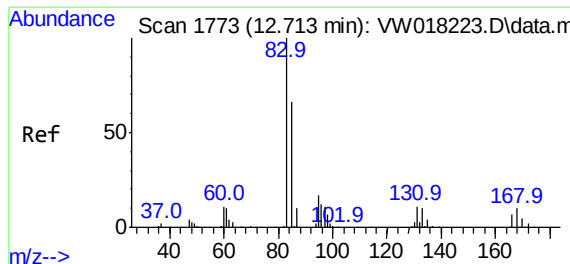
Tgt Ion:106 Resp: 255208
Ion Ratio Lower Upper
106 100
91 205.3 150.0 278.6



#55
Styrene
Concen: 25.14 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion:104 Resp: 431499
Ion Ratio Lower Upper
104 100
78 40.3 32.5 60.3

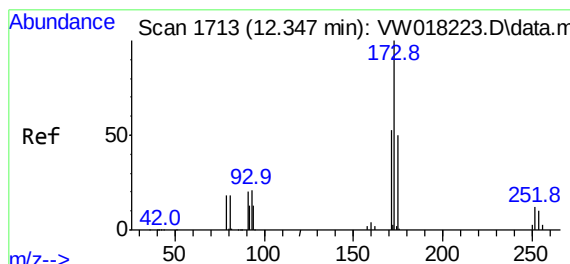
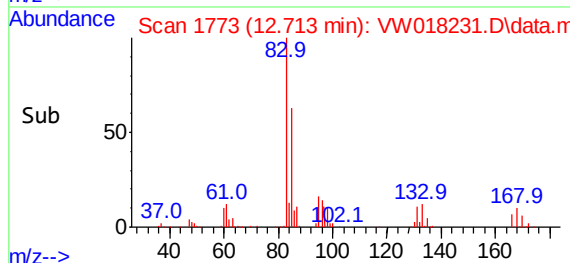
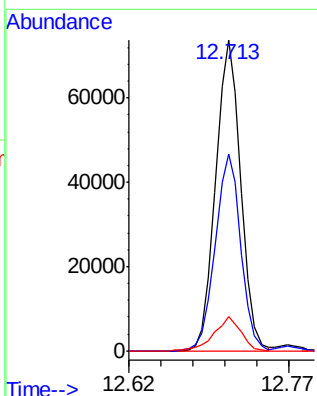
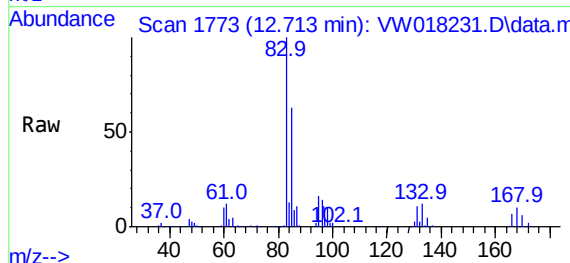




#57
1,1,2,2-Tetrachloroethane
Concen: 24.94 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

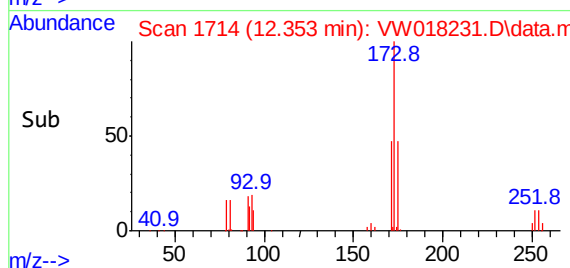
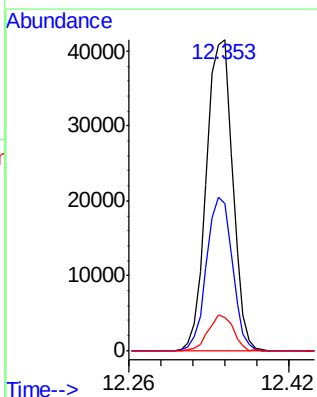
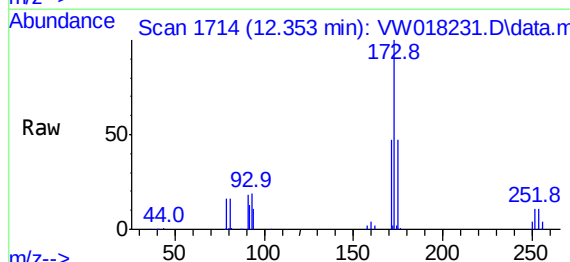
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

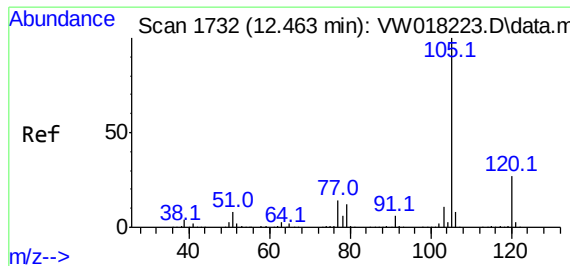
Tgt Ion: 83 Resp: 117667
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4
131 11.1 8.2 12.4



#59
Bromoform
Concen: 25.09 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 173 Resp: 74110
Ion Ratio Lower Upper
173 100
175 48.4 37.5 56.3
254 10.7 7.0 10.4

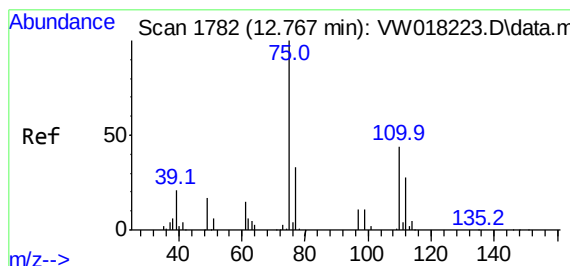
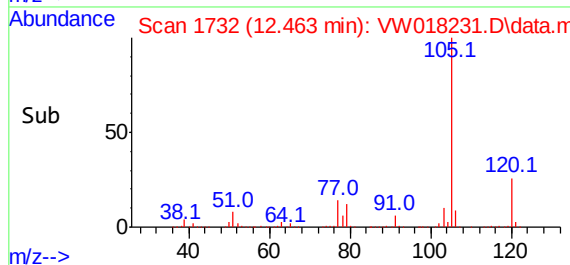
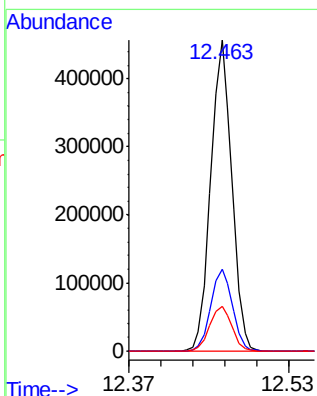
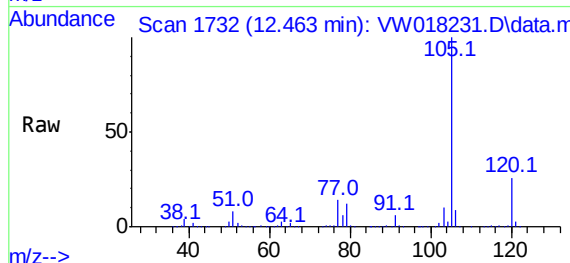




#60
Isopropylbenzene
Concen: 25.39 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

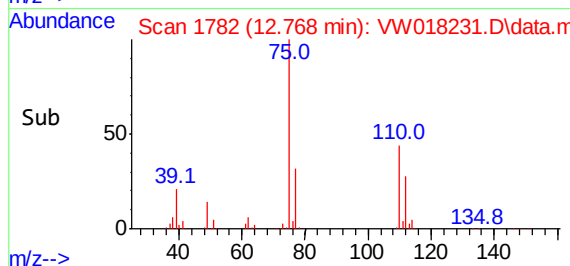
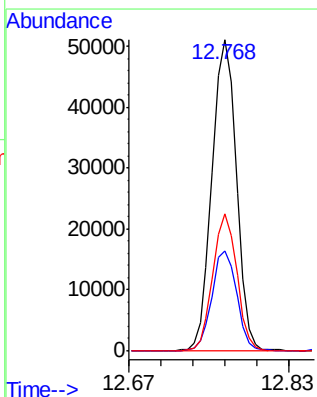
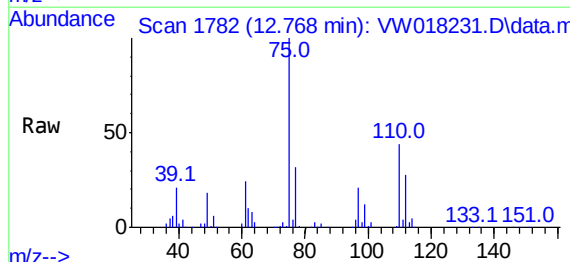
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

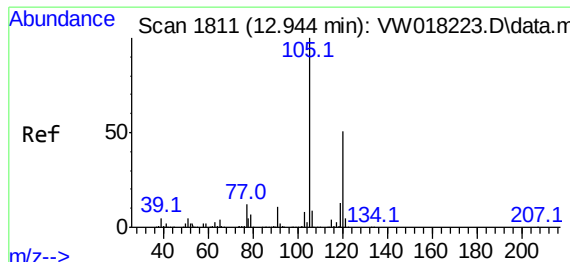
Tgt Ion:105 Resp: 688304
Ion Ratio Lower Upper
105 100
120 27.0 21.1 31.7
77 14.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.91 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 75 Resp: 84696
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 43.2 32.6 48.8

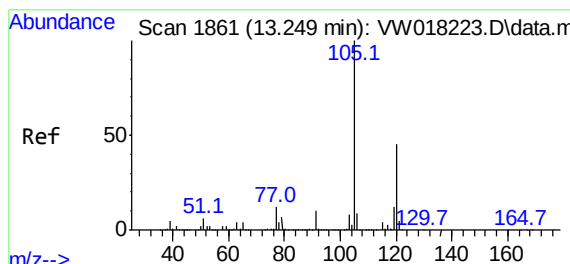
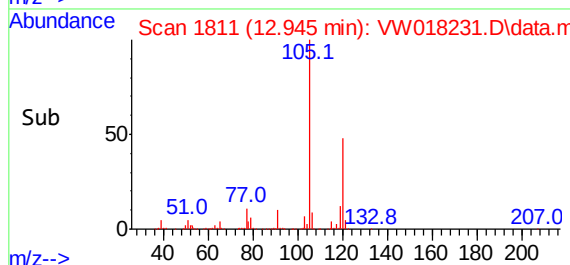
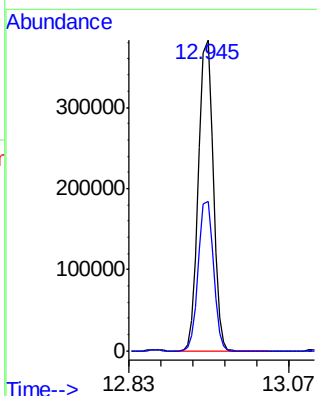
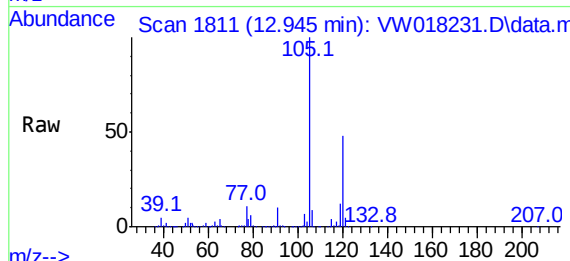




#62
1,3,5-Trimethylbenzene
Concen: 25.79 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

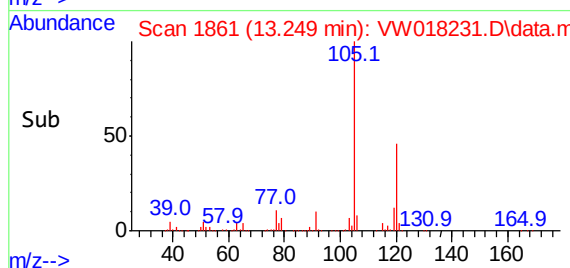
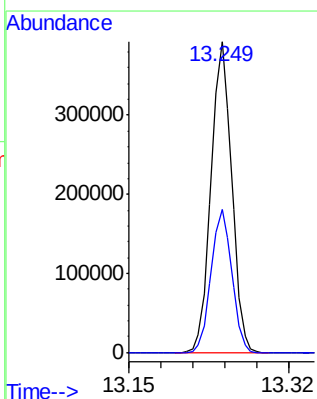
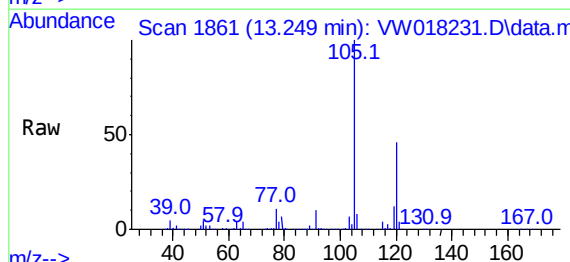
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

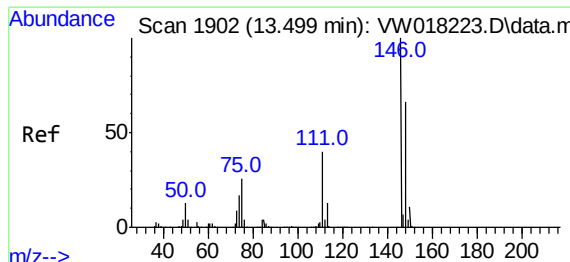
Tgt Ion:105 Resp: 585764
Ion Ratio Lower Upper
105 100
120 49.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 25.78 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion:105 Resp: 583486
Ion Ratio Lower Upper
105 100
120 46.2 35.6 53.4

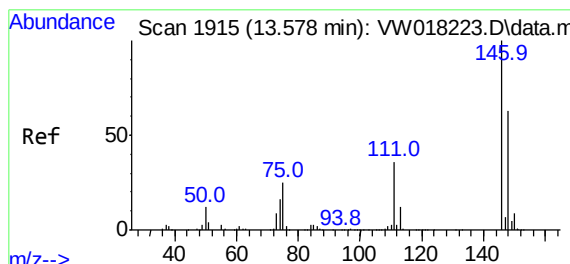
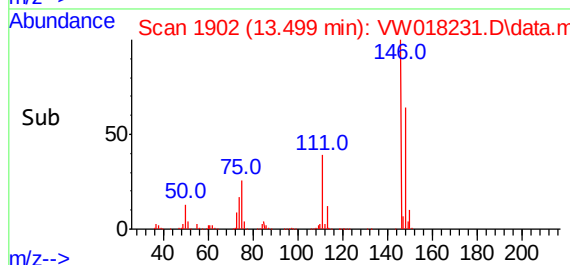
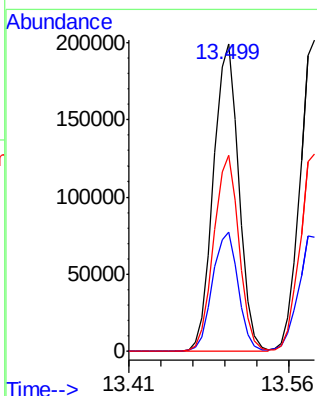
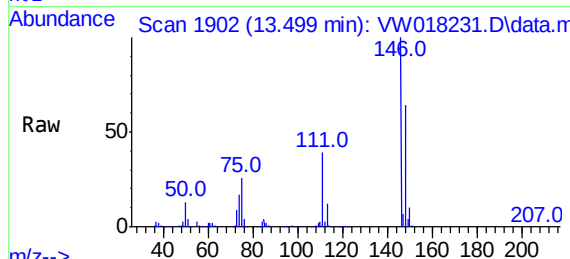




#64
1,3-Dichlorobenzene
Concen: 24.67 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

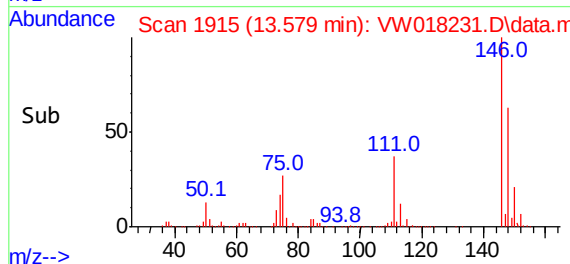
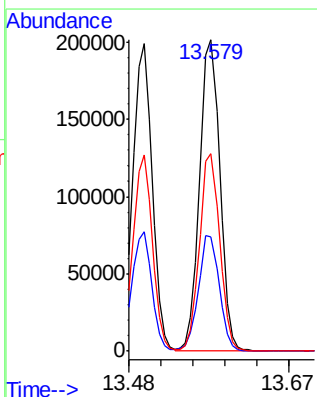
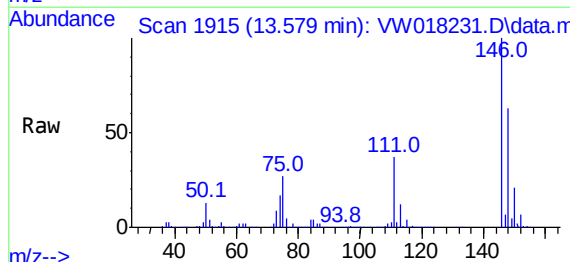
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

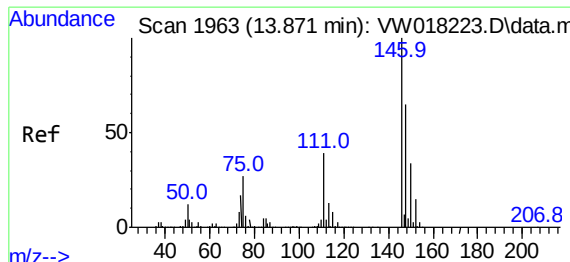
Tgt Ion:146 Resp: 321439
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 63.9 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 24.80 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion:146 Resp: 323599
Ion Ratio Lower Upper
146 100
111 36.6 28.8 53.4
148 63.4 46.8 87.0

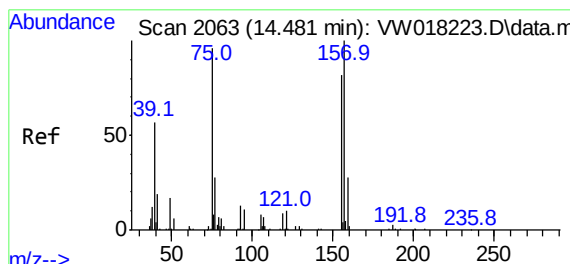
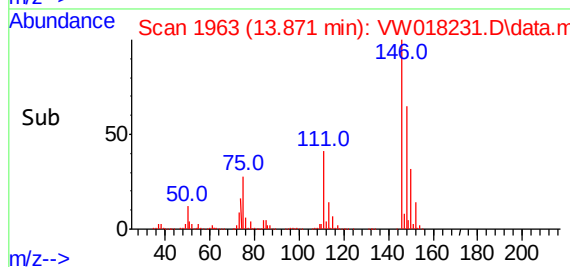
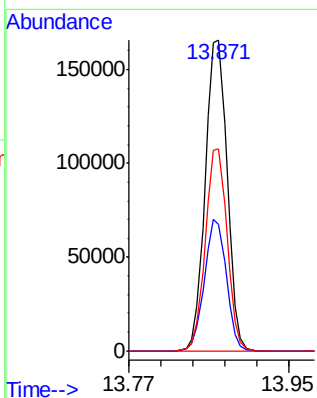
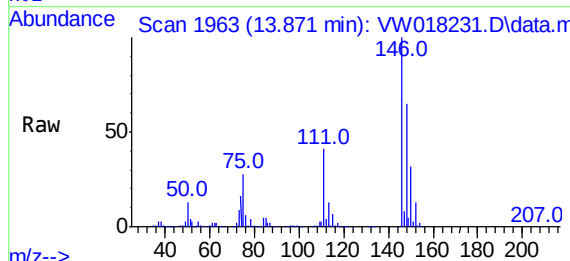




#67
1,2-Dichlorobenzene
Concen: 24.16 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

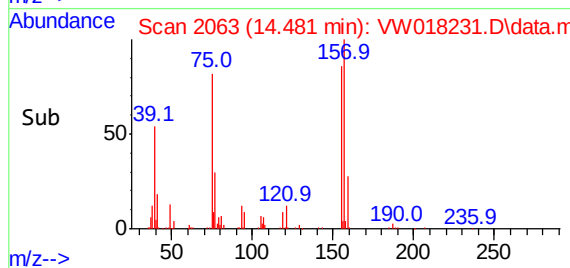
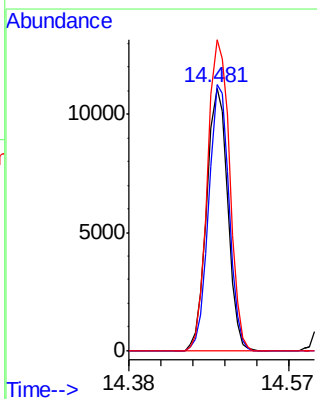
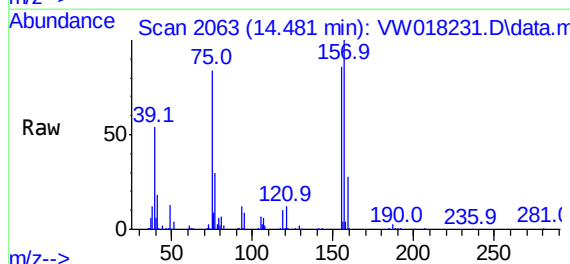
Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

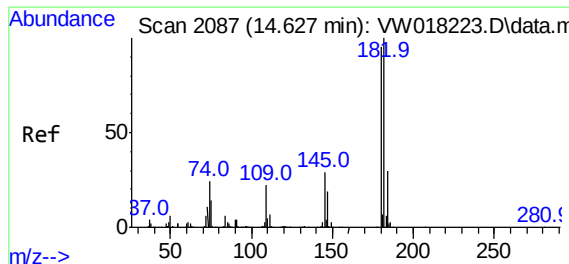
Tgt Ion:146 Resp: 282452
Ion Ratio Lower Upper
146 100
111 40.7 33.2 49.8
148 65.2 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.97 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion: 75 Resp: 18448
Ion Ratio Lower Upper
75 100
155 101.4 59.4 89.0#
157 118.5 72.2 108.2#

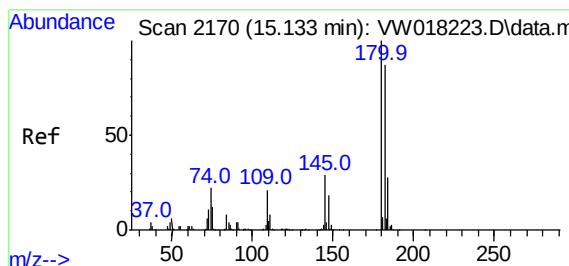
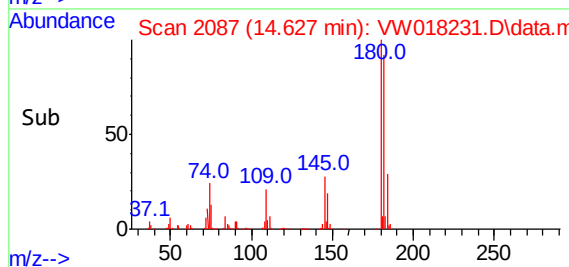
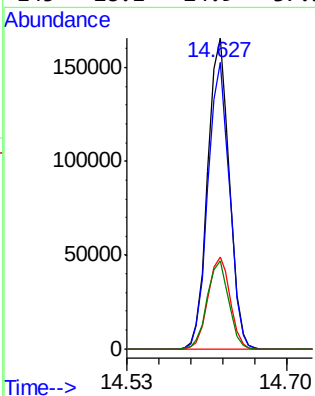
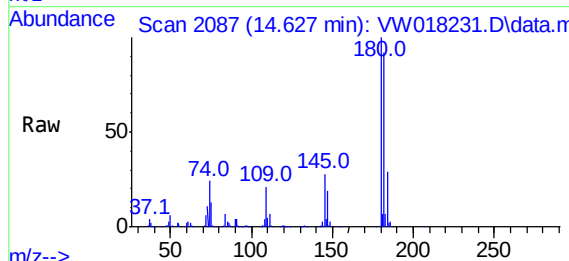




#69
 1,3,5-Trichlorobenzene
 Concen: 25.58 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018231.D
 Acq: 24 Feb 2021 10:02

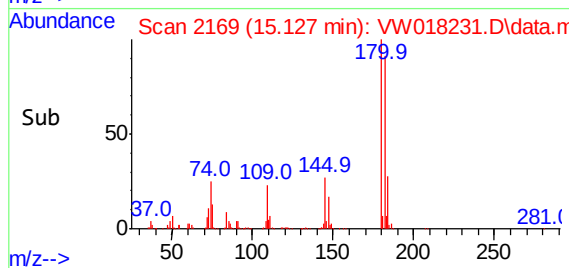
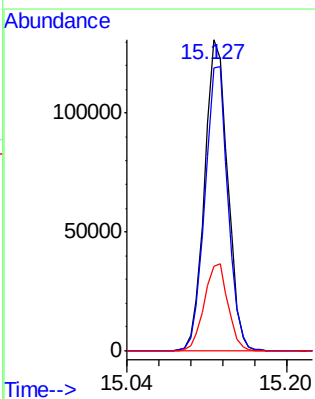
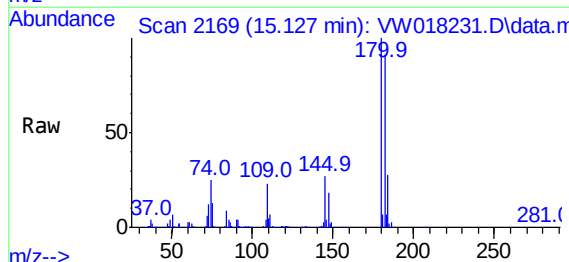
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025102

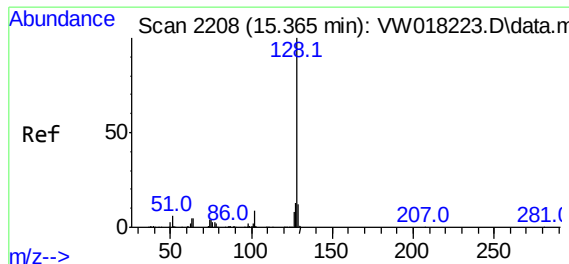
Tgt Ion:	180	Resp:	256325
Ion	Ratio	Lower	Upper
180	100		
182	92.3	73.4	110.2
184	30.2	23.6	35.4
145	28.1	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 26.00 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW018231.D
 Acq: 24 Feb 2021 10:02

Tgt Ion:	180	Resp:	215536
Ion	Ratio	Lower	Upper
180	100		
182	91.3	74.7	112.1
145	28.5	25.0	37.4

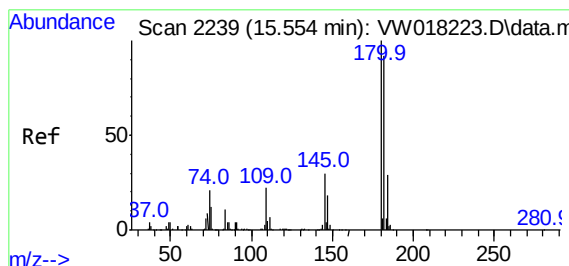
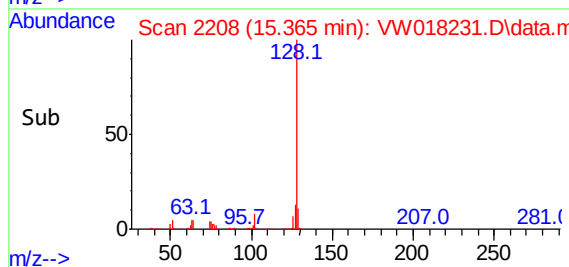
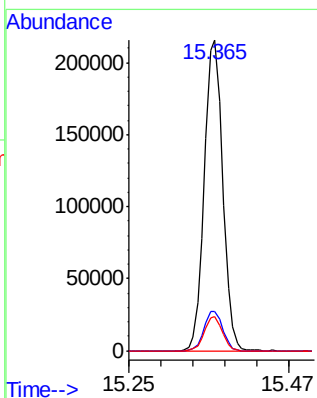
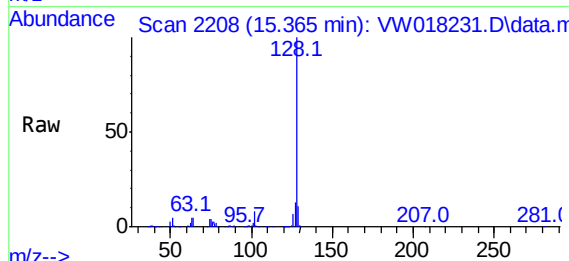




#71
Naphthalene
Concen: 26.09 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025102

Tgt Ion:128 Resp: 379865
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.07 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018231.D
Acq: 24 Feb 2021 10:02

Tgt Ion:180 Resp: 182007
Ion Ratio Lower Upper
180 100
182 93.7 76.7 115.1
145 31.8 28.9 43.3

