

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020930.D
 Acq On : 26 Feb 2021 16:43
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050440

Quant Time: Feb 27 02:45:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	303367	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	272393	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	124212	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	103771	50.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	101.82%		
7) Chloroethane-d5	1.693	69	89777	53.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.00%		
11) 1,1-Dichloroethene-d2	2.346	63	199198	51.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.44%		
21) 2-Butanone-d5	4.523	46	135476	108.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.91%		
24) Chloroform-d	5.141	84	213074	55.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.62%		
26) 1,2-Dichloroethane-d4	6.029	65	132048	53.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.20%		
32) Benzene-d6	6.047	84	426985	52.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.96%		
36) 1,2-Dichloropropane-d6	7.370	67	131608	52.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.92%		
41) Toluene-d8	8.694	98	386102	53.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.74%		
43) trans-1,3-Dichloroprop...	8.994	79	69940	54.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	108.08%		
47) 2-Hexanone-d5	9.423	63	104948	104.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.11%		
56) 1,1,2,2-Tetrachloroeth...	11.230	84	163349	52.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.90%		
66) 1,2-Dichlorobenzene-d4	12.359	152	132124	55.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	117608	51.51	ug/L	100
3) Chloromethane	1.311	50	106973	52.25	ug/L	98
5) Vinyl chloride	1.393	62	119970	49.63	ug/L	99
6) Bromomethane	1.634	94	60211	52.61	ug/L	98
8) Chloroethane	1.711	64	75711	50.08	ug/L	99
9) Trichlorofluoromethane	1.917	101	159863	50.69	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.370	101	104702	50.12	ug/L	98
12) 1,1-Dichloroethene	2.358	96	102198	50.30	ug/L	93
13) Acetone	2.417	43	85934	81.26	ug/L	99
14) Carbon disulfide	2.552	76	290349	49.27	ug/L	99
15) Methyl Acetate	2.746	43	93502	46.92	ug/L	98
16) Methylene chloride	2.834	84	114200	50.34	ug/L	97
17) trans-1,2-Dichloroethene	3.140	96	105712	48.54	ug/L	98
18) Methyl tert-butyl Ether	3.164	73	350718	49.13	ug/L	98
19) 1,1-Dichloroethane	3.670	63	190221	49.90	ug/L	100
20) cis-1,2-Dichloroethene	4.564	96	122244	50.31	ug/L	89
22) 2-Butanone	4.635	43	133607	89.01	ug/L	99
23) Bromochloromethane	4.982	128	60728	50.38	ug/L	92
25) Chloroform	5.170	83	198764	48.82	ug/L	99
27) 1,2-Dichloroethane	6.158	62	149387	49.91	ug/L	99

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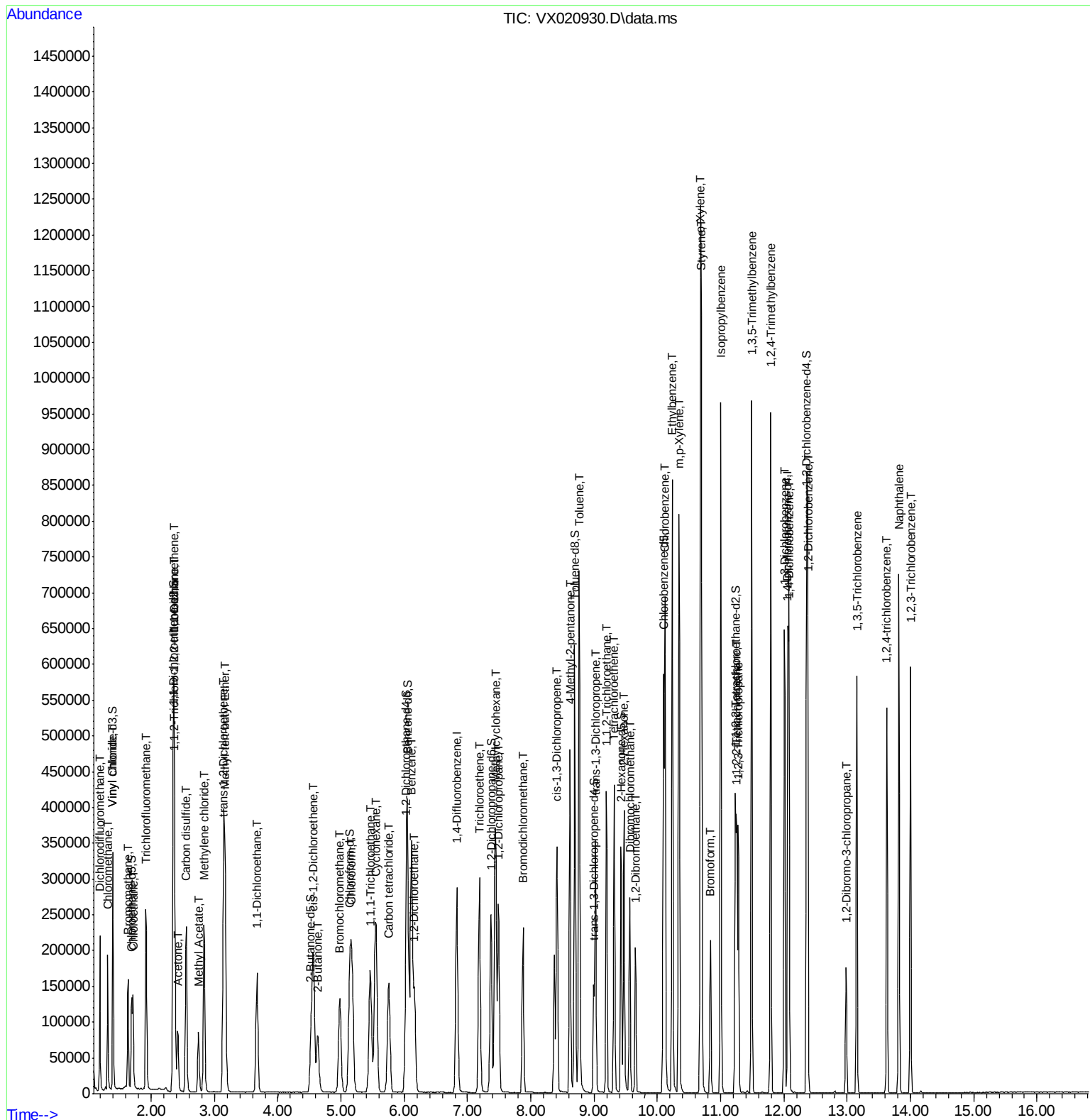
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.546	56	170149	49.29	ug/L	97
30) 1,1,1-Trichloroethane	5.458	97	172110	49.25	ug/L	98
31) Carbon tetrachloride	5.758	117	144148	49.76	ug/L	98
33) Benzene	6.111	78	446833	50.15	ug/L	100
34) Trichloroethene	7.188	95	119351	50.37	ug/L	98
35) Methylcyclohexane	7.441	83	181093	49.91	ug/L	95
37) 1,2-Dichloropropane	7.488	63	109986	49.28	ug/L	99
38) Bromodichloromethane	7.876	83	155371	50.16	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	184720	50.52	ug/L	97
40) 4-Methyl-2-pentanone	8.617	43	261762	95.86	ug/L	98
42) Toluene	8.765	91	480231	51.76	ug/L	95
44) trans-1,3-Dichloropropene	9.023	75	176664	50.59	ug/L	99
45) 1,1,2-Trichloroethane	9.194	97	112351	50.66	ug/L	97
46) Tetrachloroethene	9.318	164	87068	51.40	ug/L	94
48) 2-Hexanone	9.470	43	194565	93.44	ug/L	98
49) Dibromochloromethane	9.565	129	120784	51.57	ug/L	97
50) 1,2-Dibromoethane	9.653	107	114561	49.65	ug/L	98
51) Chlorobenzene	10.118	112	300506	51.24	ug/L	99
52) Ethylbenzene	10.235	91	519032	50.90	ug/L	99
53) m,p-Xylene	10.341	106	195216	50.76	ug/L	95
54) o-Xylene	10.682	106	192054	51.24	ug/L	91
55) Styrene	10.694	104	335826	51.53	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.253	83	150564	47.35	ug/L	97
59) Bromoform	10.835	173	80012	51.04	ug/L	99
60) Isopropylbenzene	11.000	105	508758	53.41	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	125882	50.49	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	412263	52.88	ug/L	98
63) 1,2,4-Trimethylbenzene	11.788	105	417438	53.19	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	209266	51.36	ug/L	94
65) 1,4-Dichlorobenzene	12.083	146	208452	51.08	ug/L	97
67) 1,2-Dichlorobenzene	12.377	146	205105	50.98	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	33782	49.23	ug/L	85
69) 1,3,5-Trichlorobenzene	13.153	180	146430	52.80	ug/L	98
70) 1,2,4-trichlorobenzene	13.624	180	132002	53.83	ug/L	99
71) Naphthalene	13.818	128	469885	52.87	ug/L	100
72) 1,2,3-Trichlorobenzene	14.000	180	141122	56.61	ug/L	99

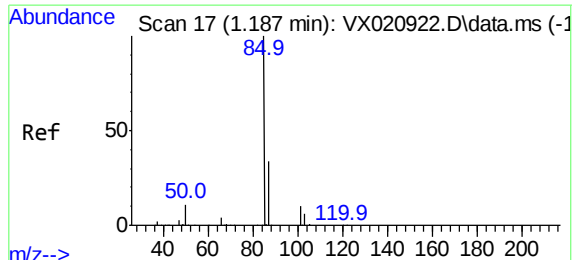
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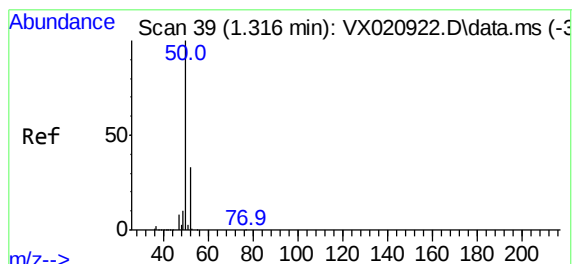
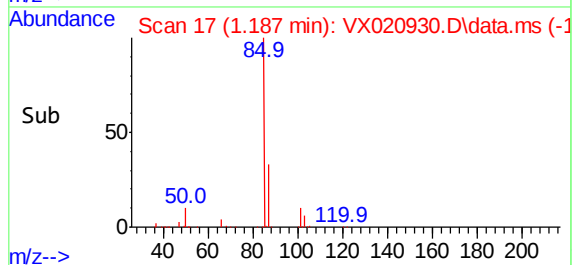
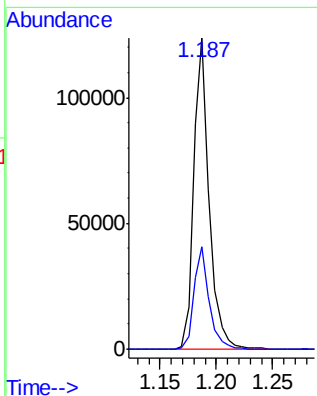
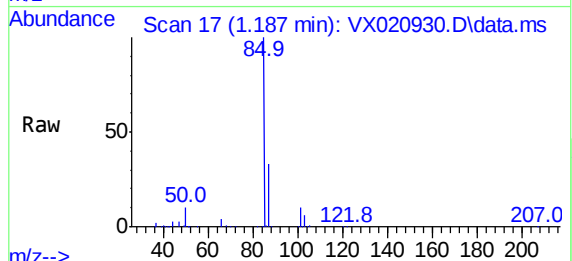


#2

Dichlorodifluoromethane
Concen: 51.51 ug/L
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 85 Resp: 117608
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9

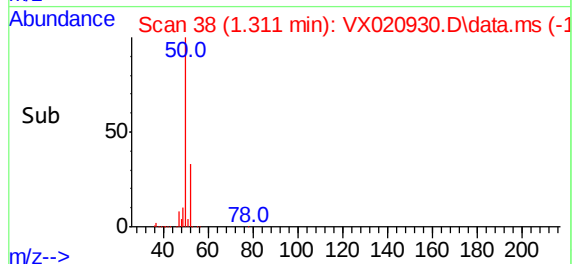
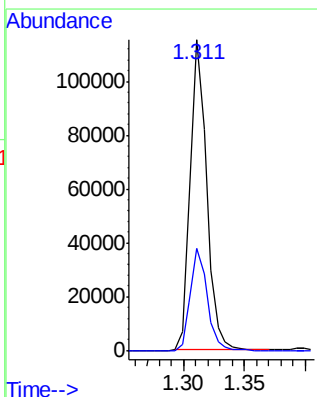
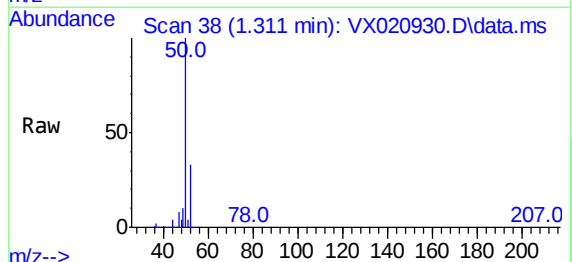
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

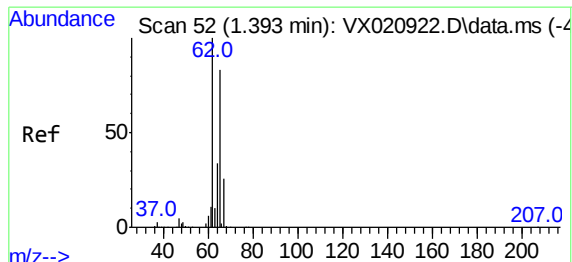


#3

Chloromethane
Concen: 52.25 ug/L
RT: 1.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 50 Resp: 106973
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9



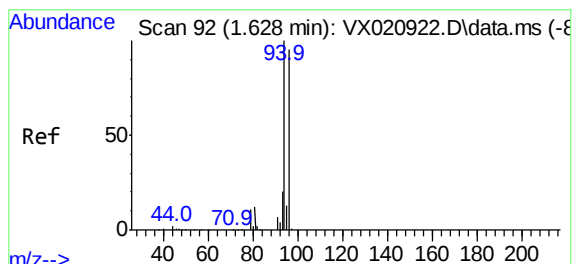
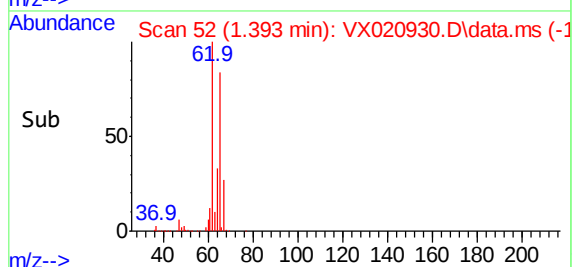
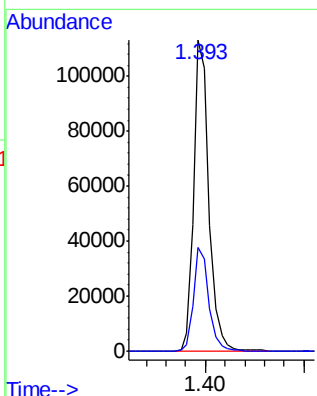
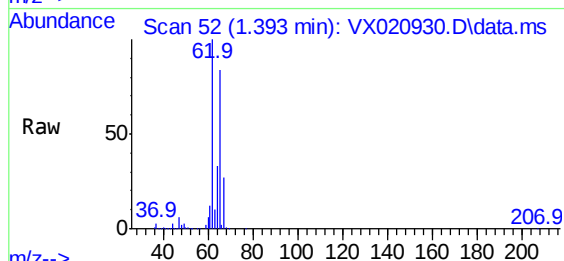


#5
 Vinyl chloride
 Concen: 49.63 ug/L
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX020930.D
 Acq: 26 Feb 2021 16:43

Instrument :
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 ClientSampleId :
 VSTD050440

Tgt Ion: 62 Resp: 119970

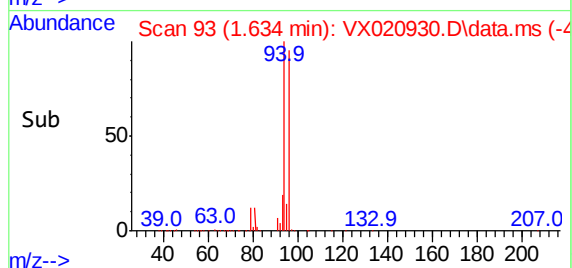
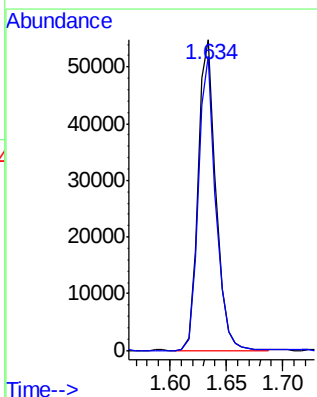
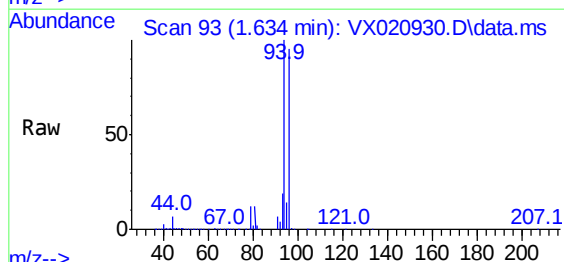
Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.7	42.3

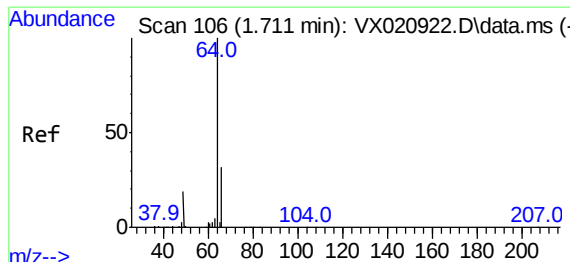


#6
 Bromomethane
 Concen: 52.61 ug/L
 RT: 1.634 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: VX020930.D
 Acq: 26 Feb 2021 16:43

Tgt Ion: 94 Resp: 60211

Ion	Ratio	Lower	Upper
94	100		
96	94.5	64.8	120.3

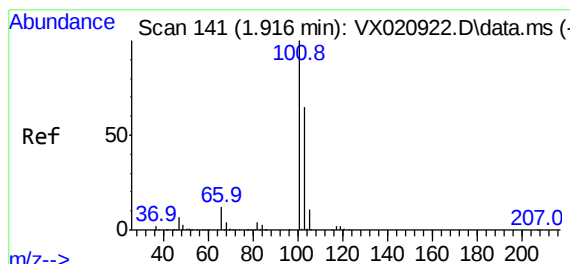
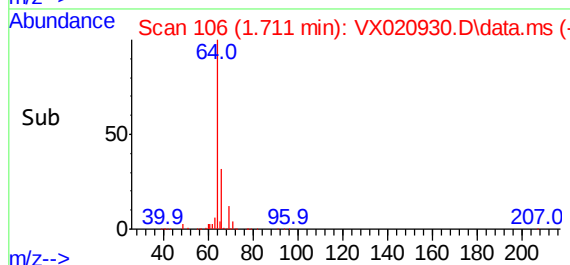
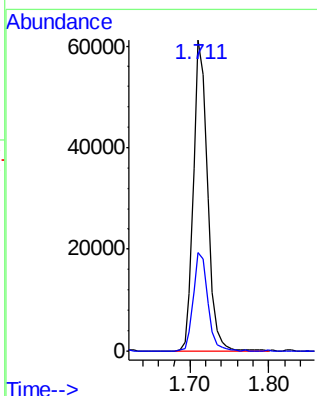
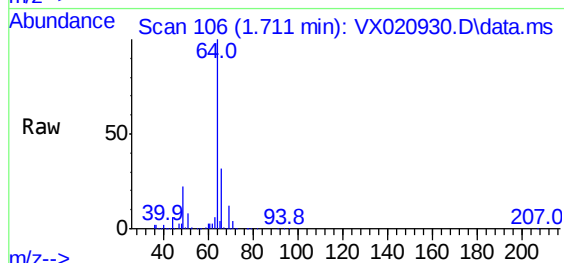




#8
Chloroethane
Concen: 50.08 ug/L
RT: 1.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

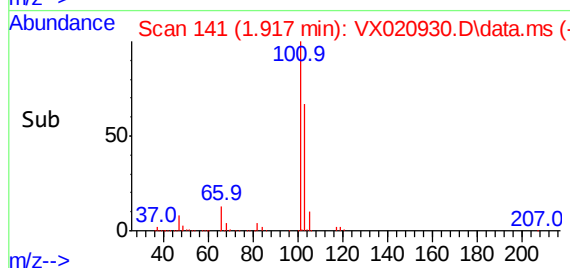
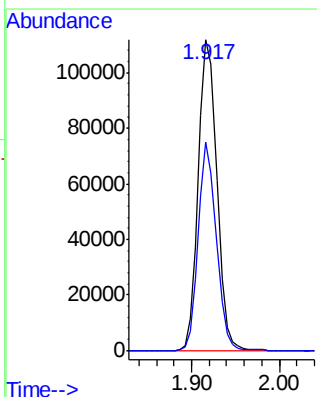
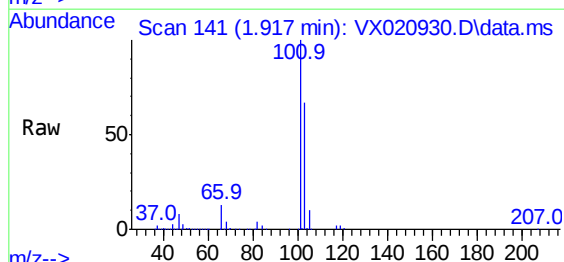
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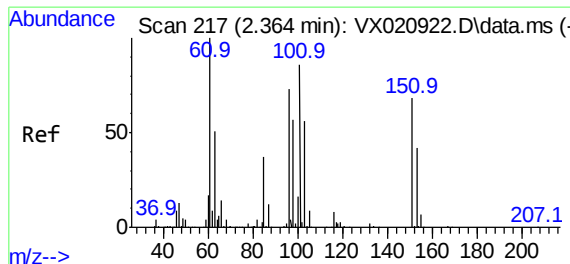
Tgt Ion: 64 Resp: 75711
Ion Ratio Lower Upper
64 100
66 31.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 50.69 ug/L
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 101 Resp: 159863
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2

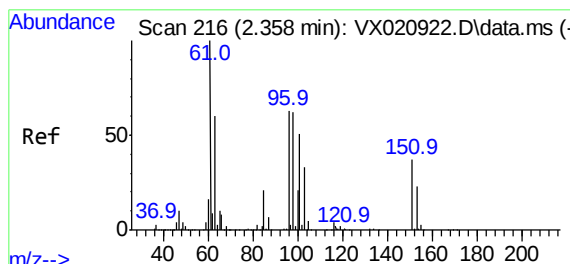
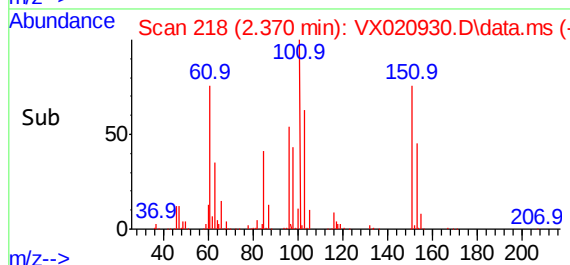
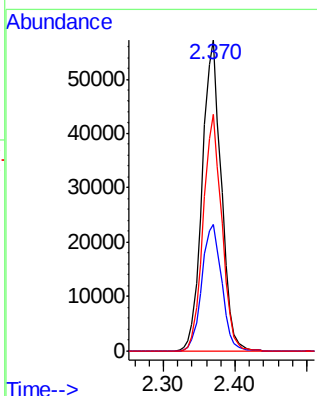
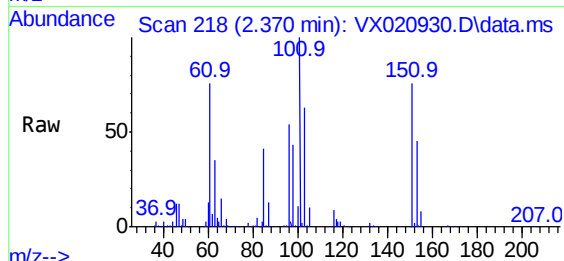




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.12 ug/L
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

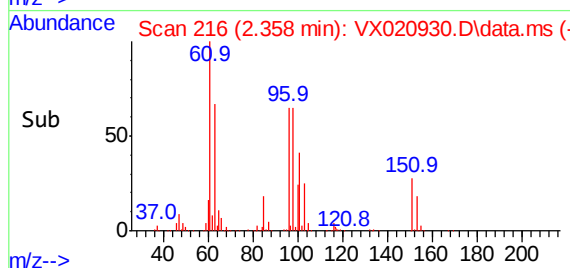
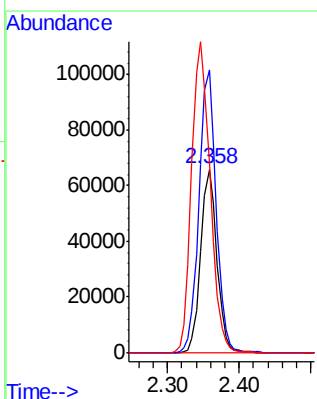
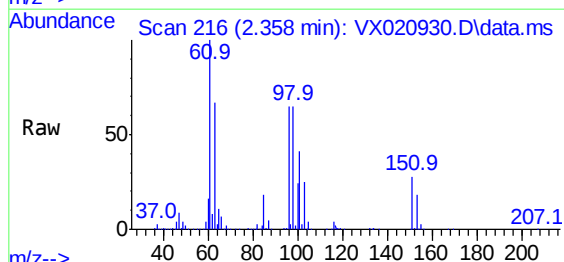
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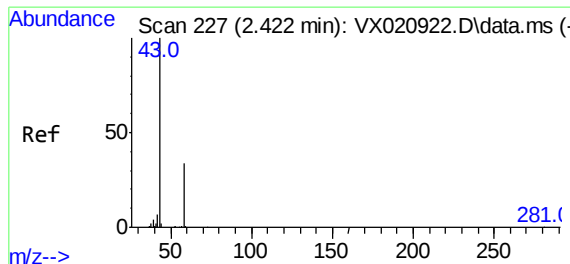
Tgt Ion:101 Resp: 104702
Ion Ratio Lower Upper
101 100
85 42.0 34.3 51.5
151 74.0 60.7 91.1



#12
1,1-Dichloroethene
Concen: 50.30 ug/L
RT: 2.358 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 96 Resp: 102198
Ion Ratio Lower Upper
96 100
61 154.6 115.5 214.5
63 103.1 77.3 143.7

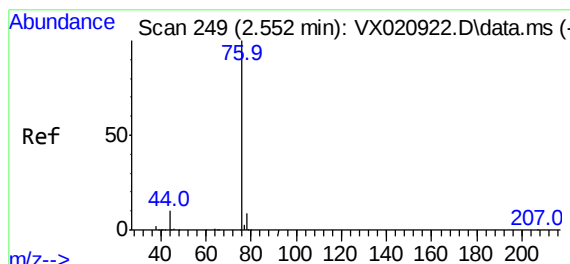
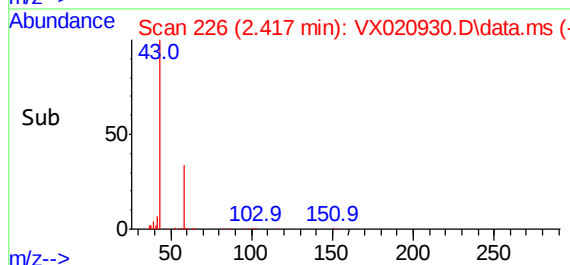
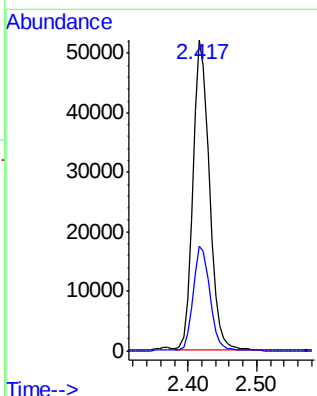
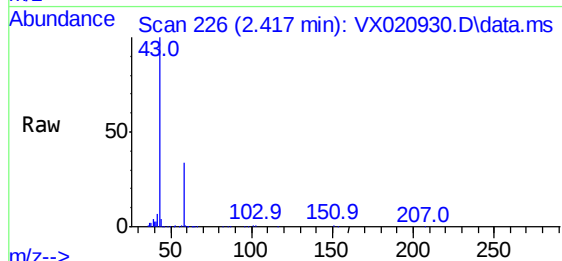




#13
Acetone
Concen: 81.26 ug/L
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

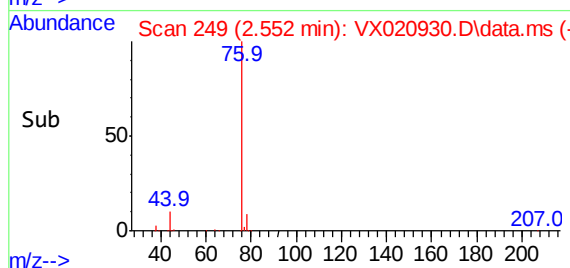
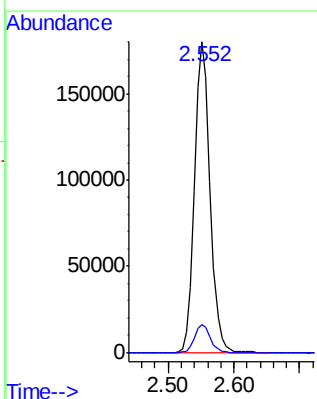
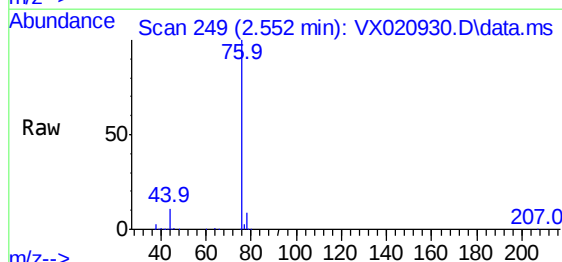
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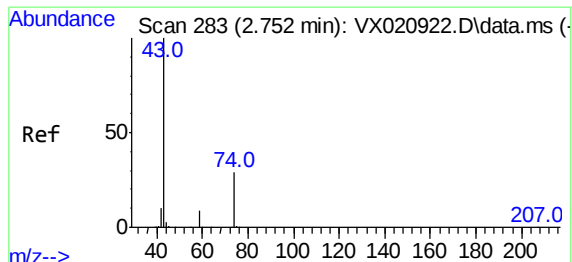
Tgt Ion: 43 Resp: 85934
Ion Ratio Lower Upper
43 100
58 34.4 0.0 68.2



#14
Carbon disulfide
Concen: 49.27 ug/L
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX020930.D
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Tgt Ion: 76 Resp: 290349
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

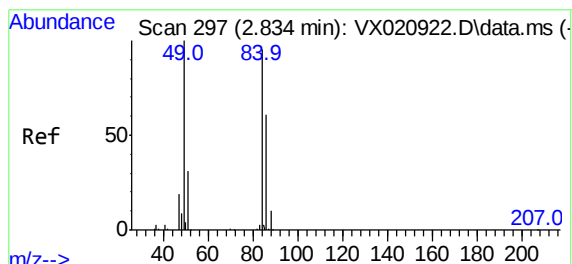
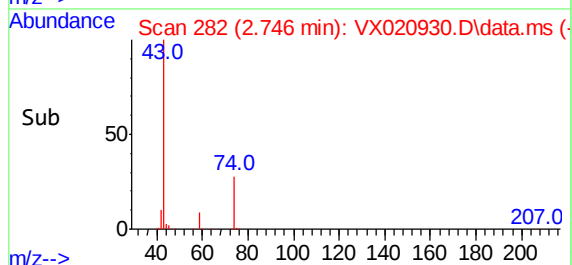
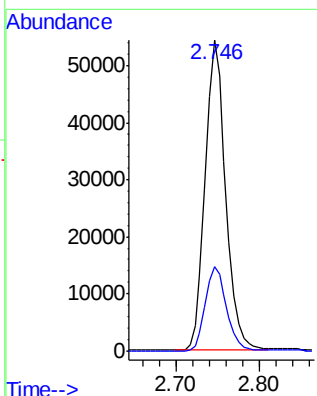
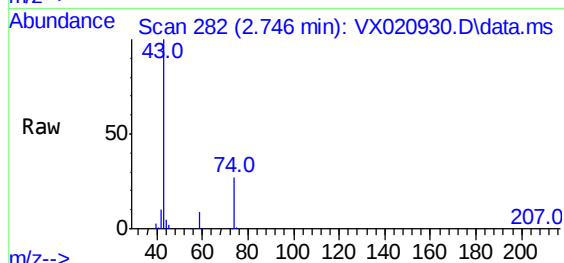




#15
Methyl Acetate
Concen: 46.92 ug/L
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

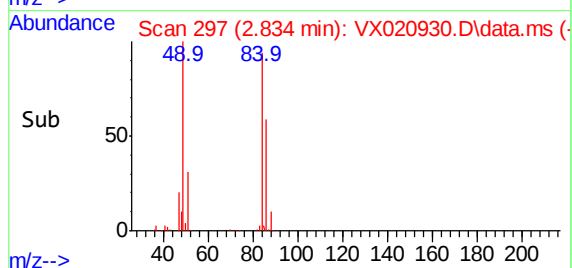
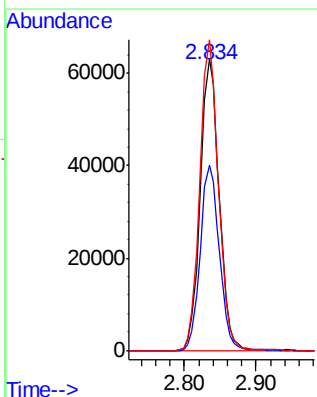
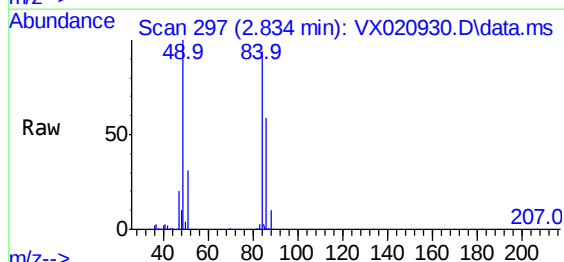
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

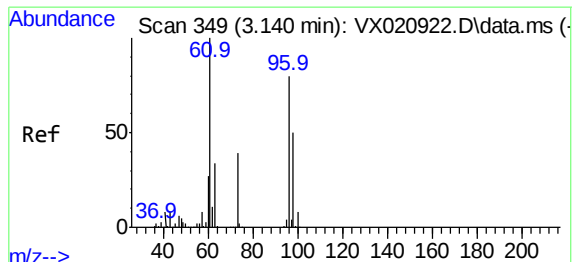
Tgt Ion: 43 Resp: 93502
Ion Ratio Lower Upper
43 100
74 27.9 21.7 32.5



#16
Methylene chloride
Concen: 50.34 ug/L
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 84 Resp: 114200
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.0
49 106.3 77.8 144.6

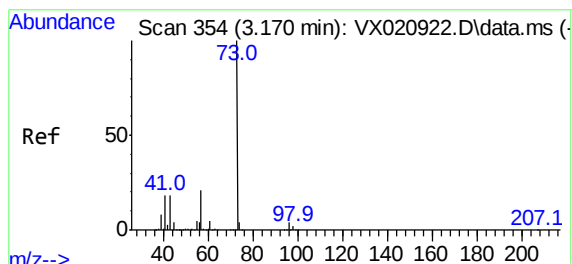
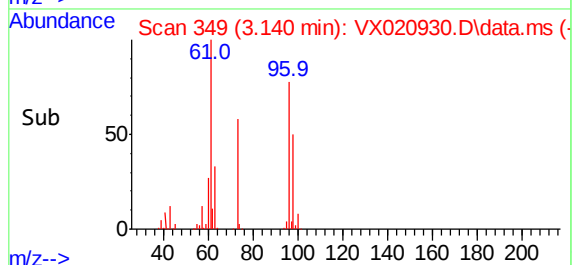
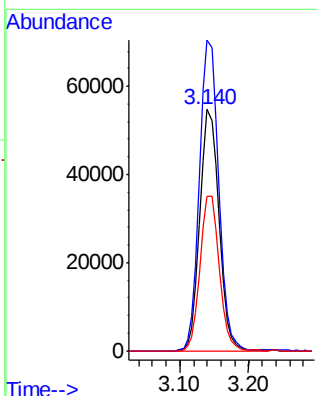
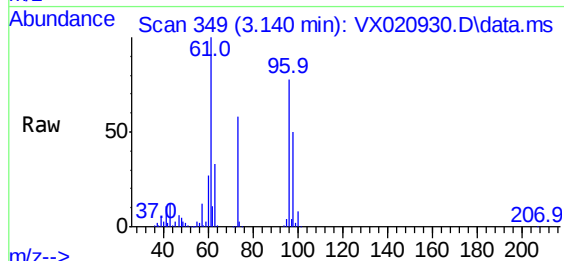




#17
trans-1,2-Dichloroethene
Concen: 48.54 ug/L
RT: 3.140 min Scan# 349
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

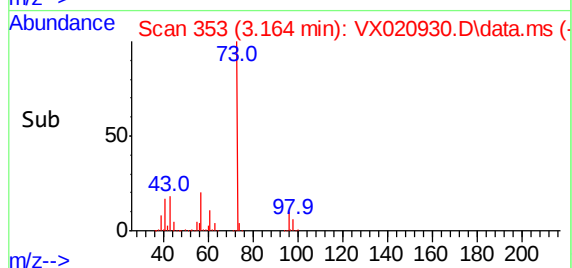
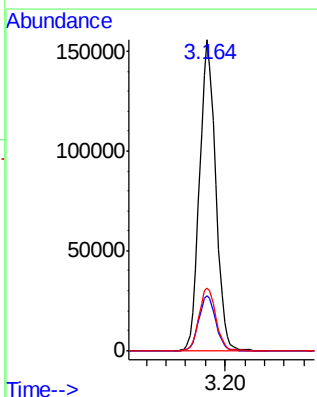
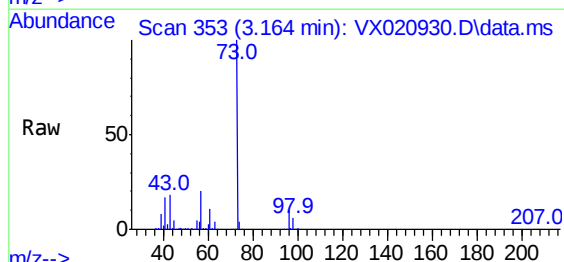
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

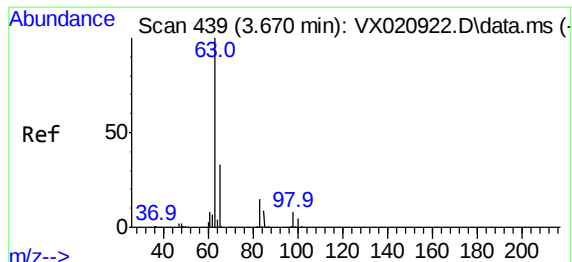
Tgt Ion: 96 Resp: 105712
Ion Ratio Lower Upper
96 100
61 128.9 92.3 171.3
98 64.3 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 49.13 ug/L
RT: 3.164 min Scan# 353
Delta R.T. -0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 73 Resp: 350718
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7
57 20.8 17.4 26.2

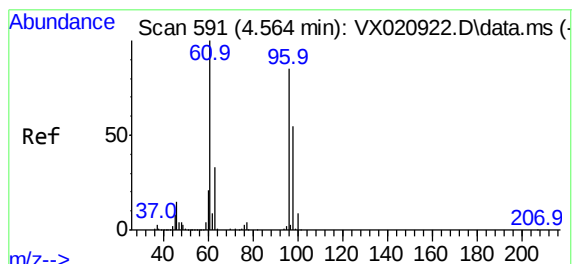
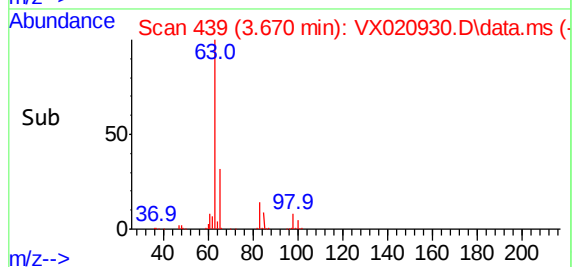
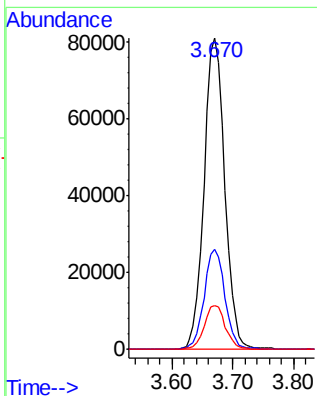
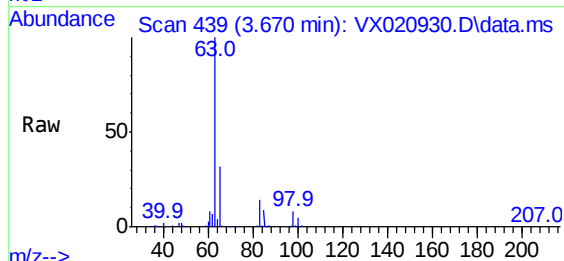




#19
1,1-Dichloroethane
Concen: 49.90 ug/L
RT: 3.670 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

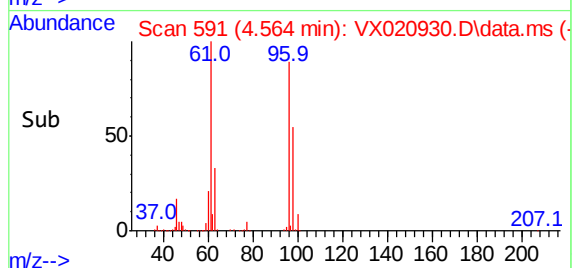
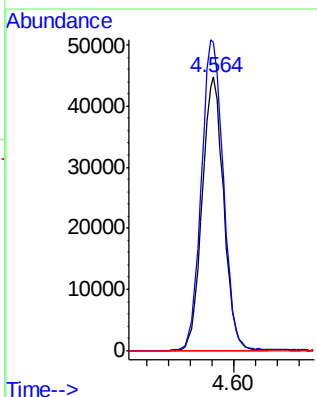
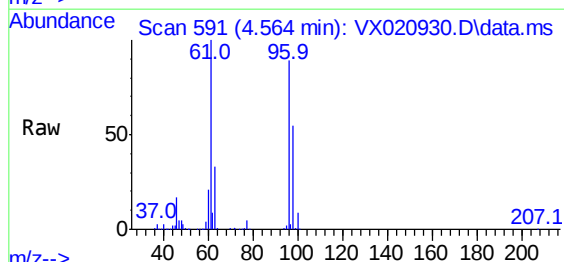
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

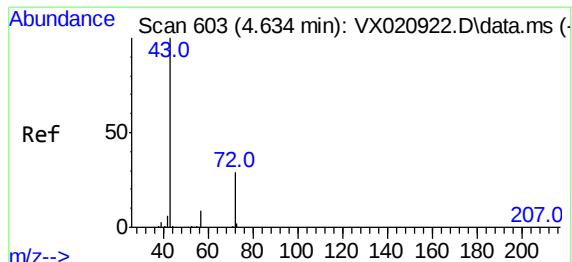
Tgt Ion: 63 Resp: 190221
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.31 ug/L
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 96 Resp: 122244
Ion Ratio Lower Upper
96 100
61 112.8 87.8 163.0
68 0.0 0.0 0.0

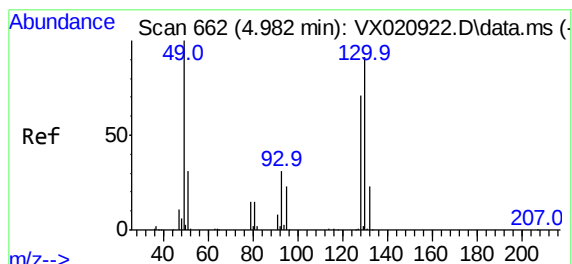
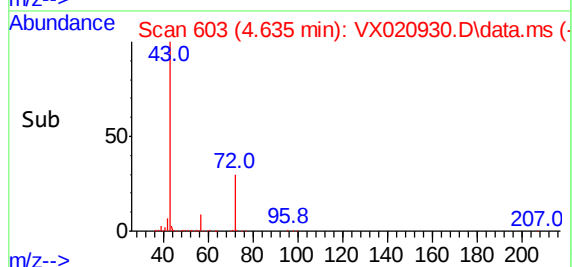
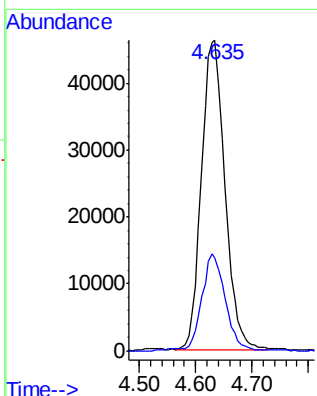
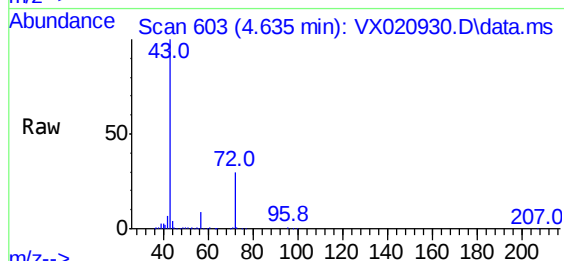




#22
2-Butanone
Concen: 89.01 ug/L
RT: 4.635 min Scan# 603
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

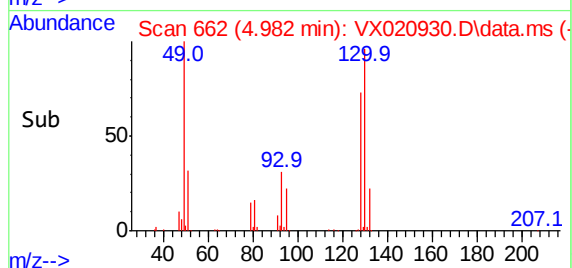
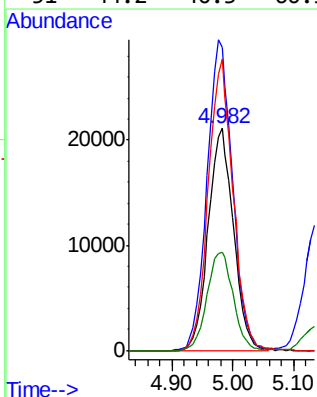
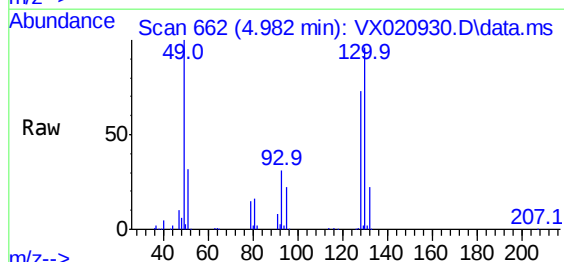
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

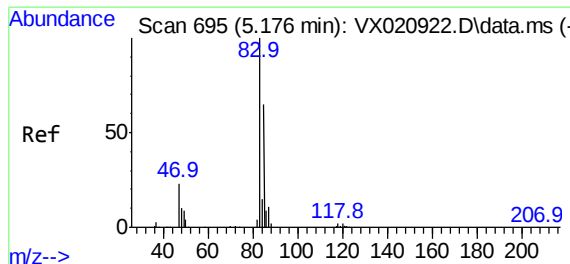
Tgt Ion: 43 Resp: 133607
Ion Ratio Lower Upper
43 100
72 31.0 15.3 45.8



#23
Bromochloromethane
Concen: 50.38 ug/L
RT: 4.982 min Scan# 662
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion:128 Resp: 60728
Ion Ratio Lower Upper
128 100
49 136.4 107.5 199.7
130 131.2 91.1 169.3
51 44.2 40.3 60.5

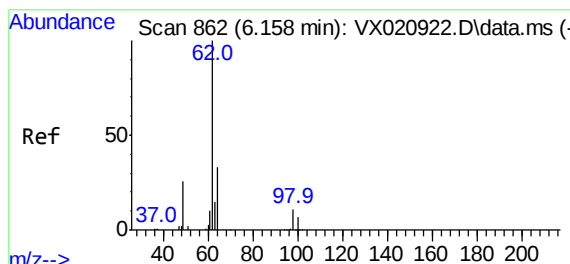
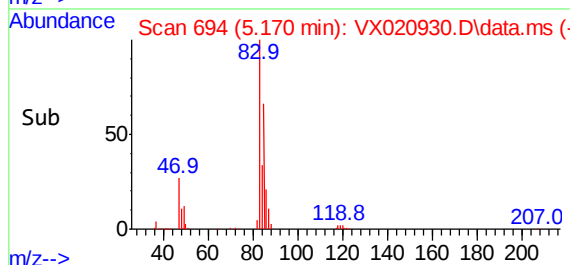
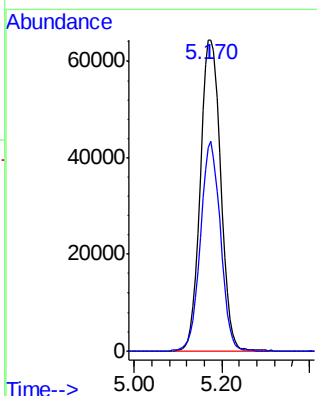
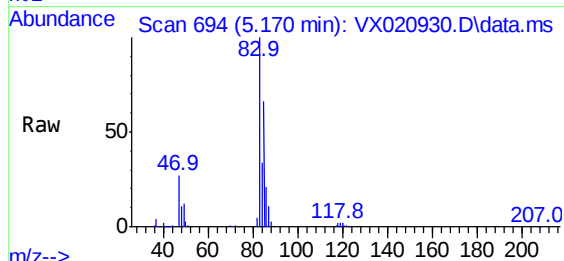




#25
Chloroform
Concen: 48.82 ug/L
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

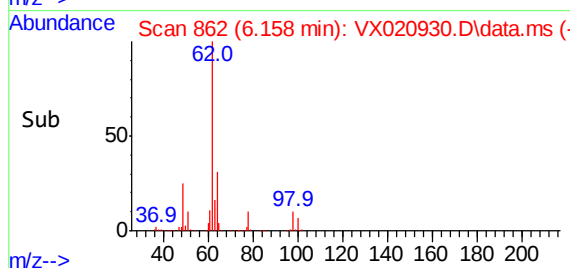
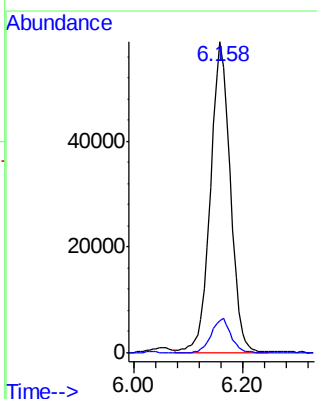
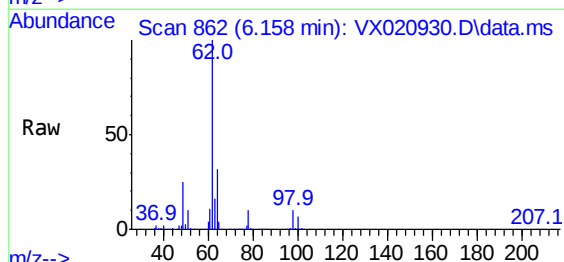
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

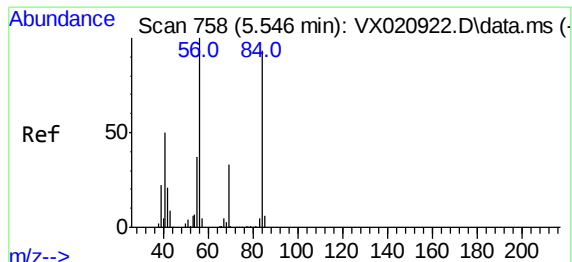
Tgt Ion: 83 Resp: 198764
Ion Ratio Lower Upper
83 100
85 65.6 46.3 85.9



#27
1,2-Dichloroethane
Concen: 49.91 ug/L
RT: 6.158 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 62 Resp: 149387
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9

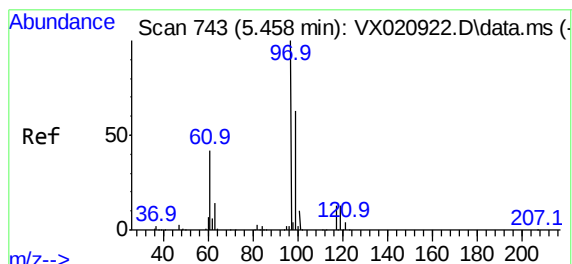
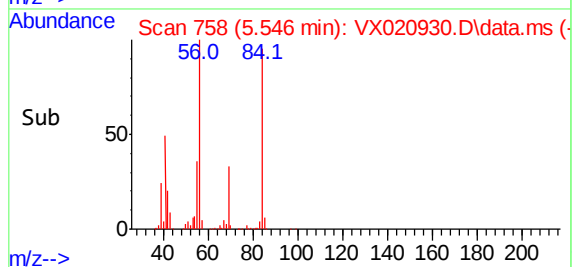
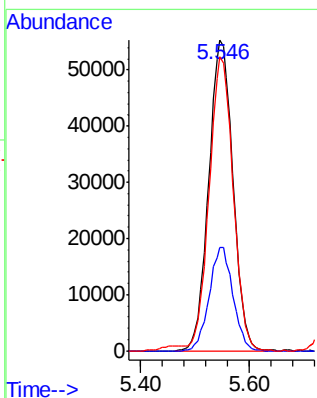
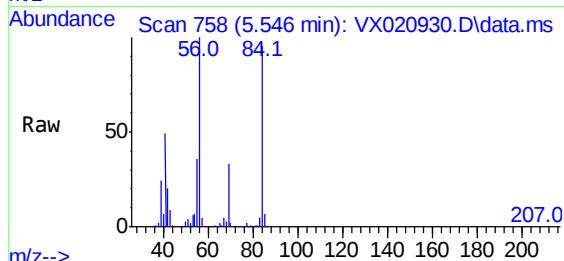




#29
Cyclohexane
Concen: 49.29 ug/L
RT: 5.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

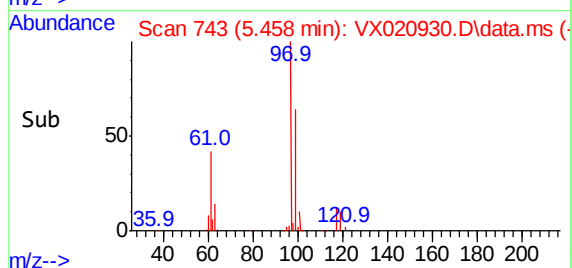
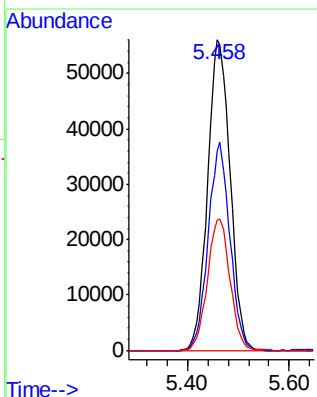
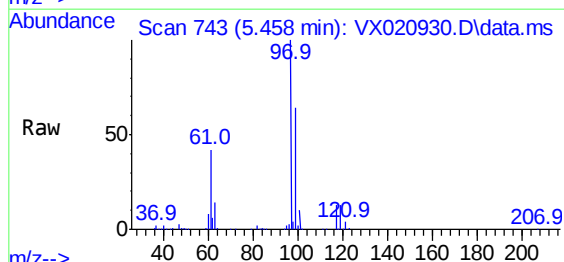
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

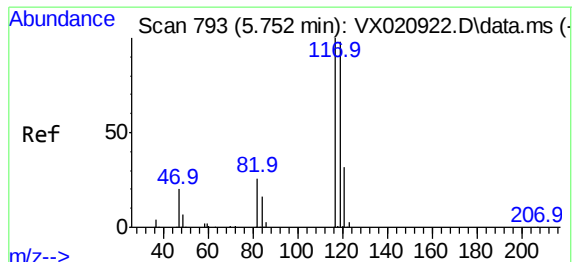
Tgt Ion: 56 Resp: 170149
Ion Ratio Lower Upper
56 100
69 32.6 25.7 38.5
84 94.2 72.4 108.6



#30
1,1,1-Trichloroethane
Concen: 49.25 ug/L
RT: 5.458 min Scan# 743
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 97 Resp: 172110
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 42.3 35.3 52.9

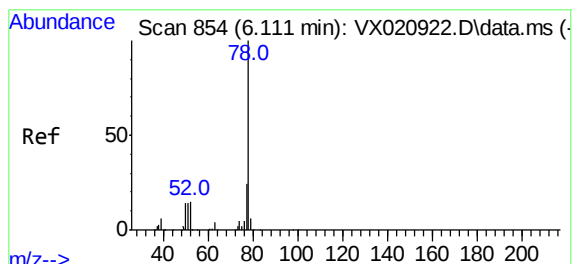
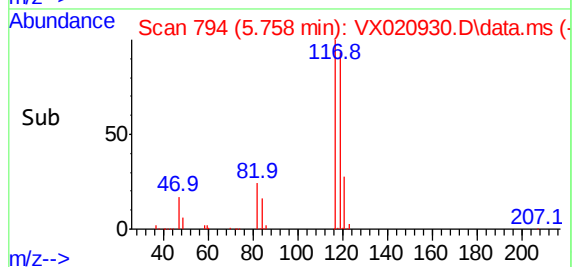
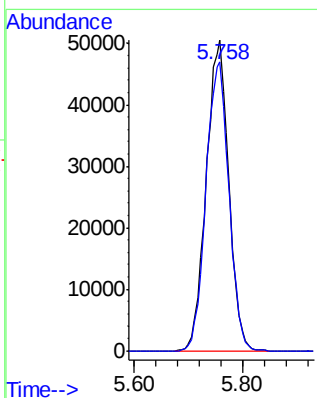
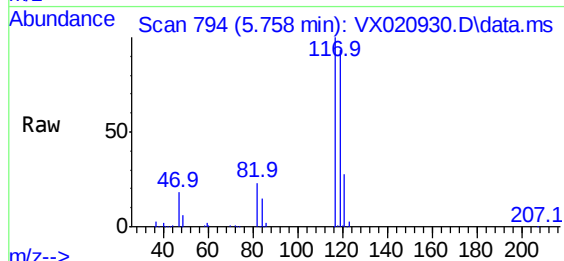




#31
Carbon tetrachloride
Concen: 49.76 ug/L
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

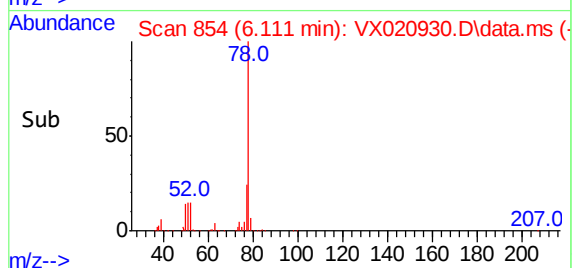
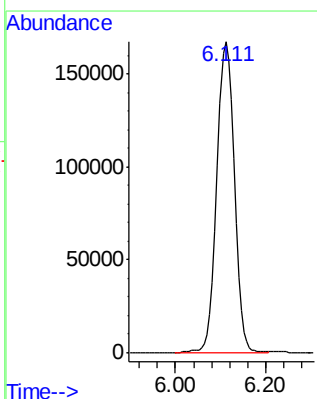
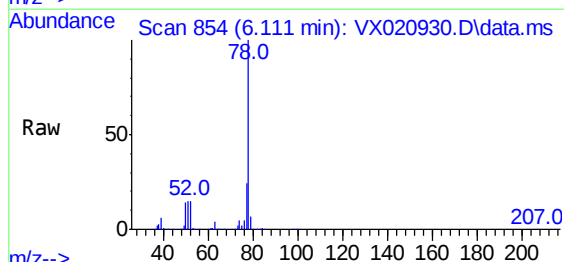
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

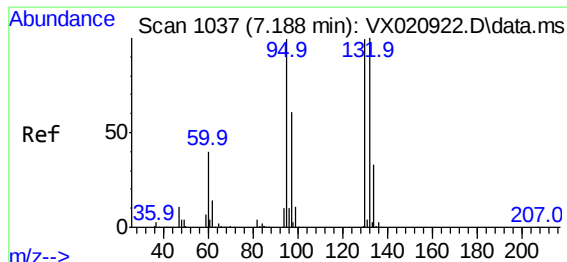
Tgt Ion:117 Resp: 144148
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3



#33
Benzene
Concen: 50.15 ug/L
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 78 Resp: 446833



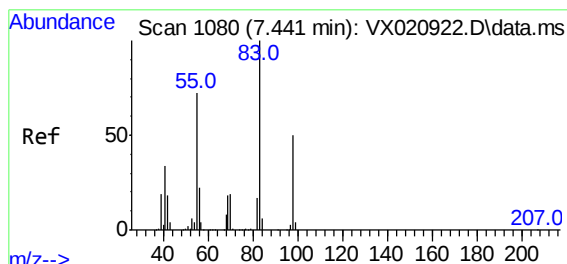
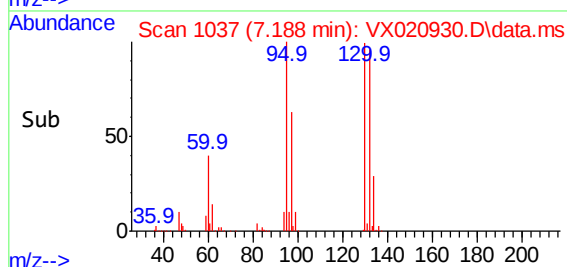
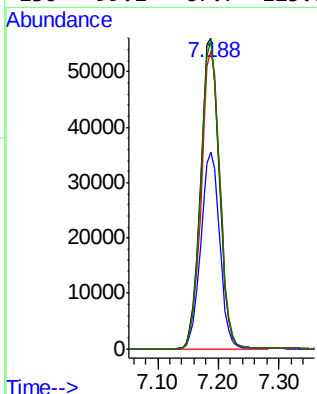
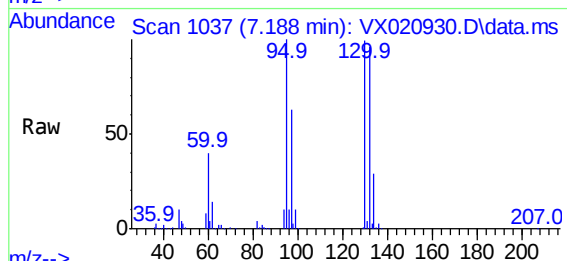


#34
Trichloroethene
Concen: 50.37 ug/L
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

Tgt Ion: 95 Resp: 119351

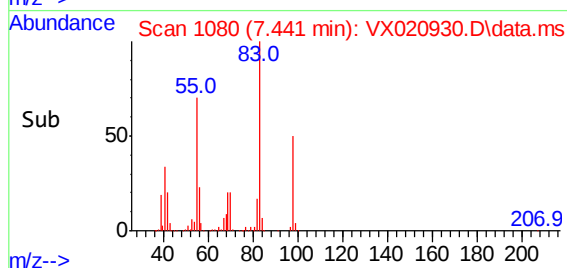
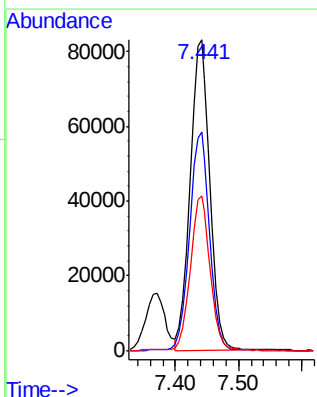
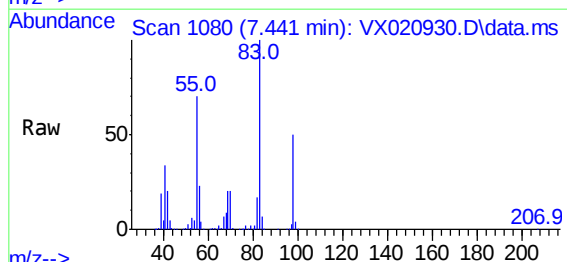
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.5	82.7
132	95.7	65.2	121.0
130	99.1	67.7	125.7

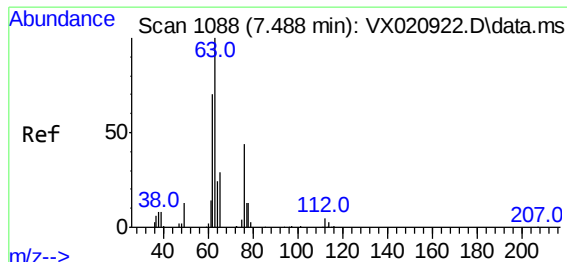


#35
Methylcyclohexane
Concen: 49.91 ug/L
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 83 Resp: 181093

Ion	Ratio	Lower	Upper
83	100		
55	71.2	61.2	91.8
98	49.8	38.7	58.1

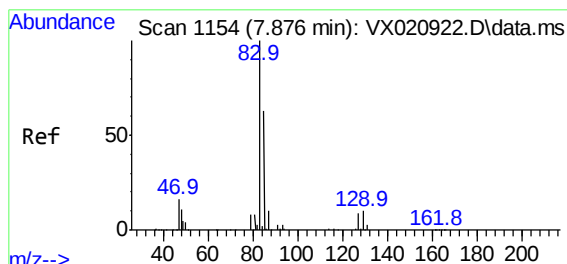
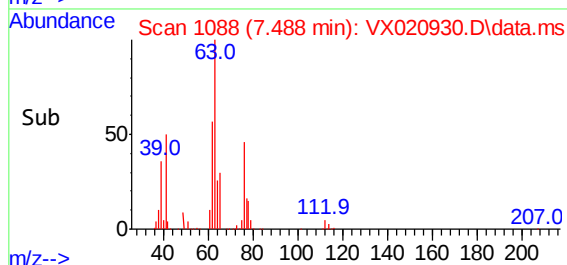
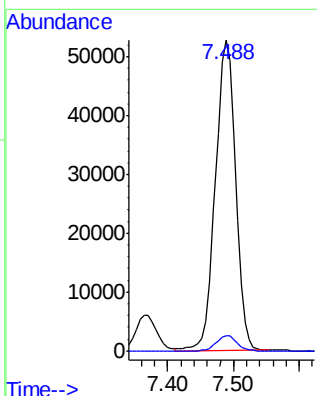
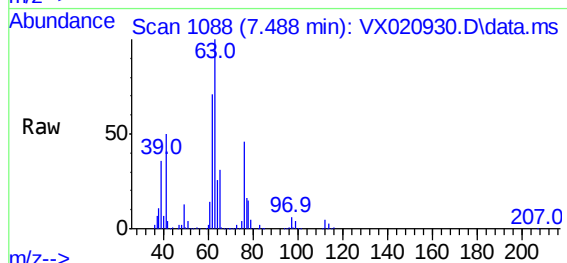




#37
1,2-Dichloropropane
Concen: 49.28 ug/L
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

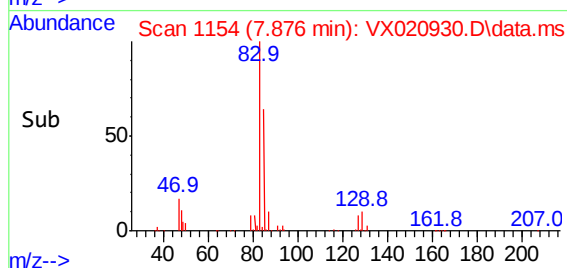
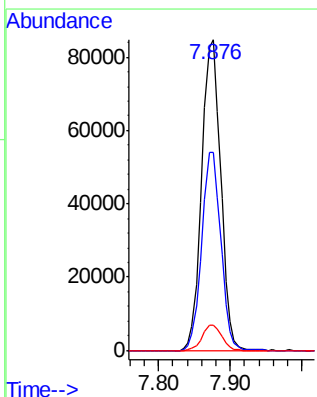
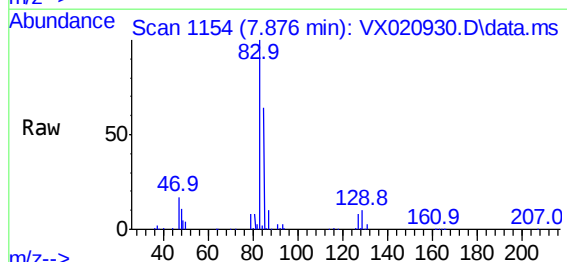
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

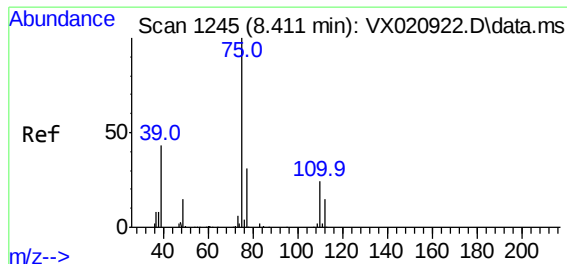
Tgt Ion: 63 Resp: 109986
Ion Ratio Lower Upper
63 100
112 4.9 3.6 5.4



#38
Bromodichloromethane
Concen: 50.16 ug/L
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 83 Resp: 155371
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
127 8.2 6.6 10.0

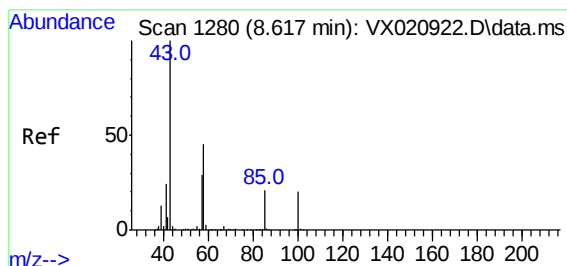
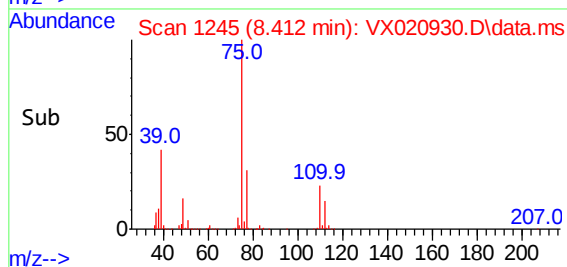
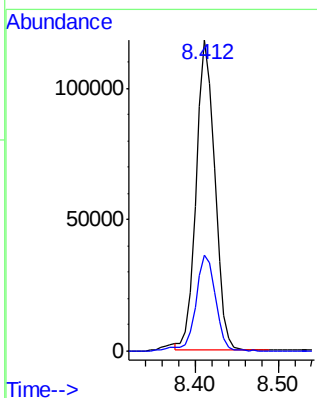
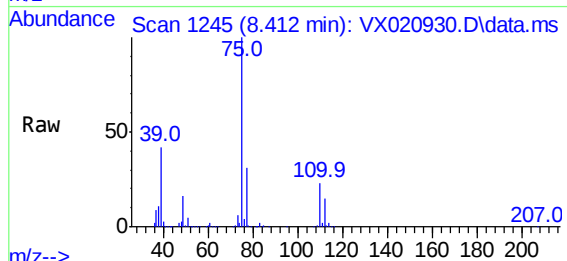




#39
cis-1,3-Dichloropropene
Concen: 50.52 ug/L
RT: 8.412 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

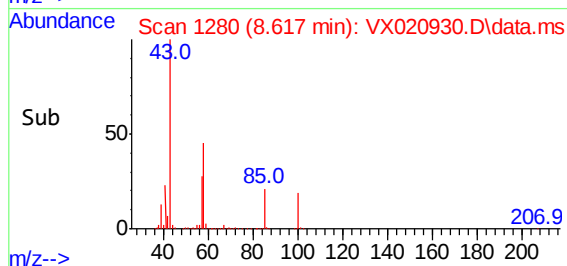
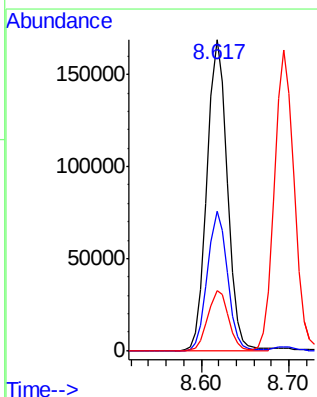
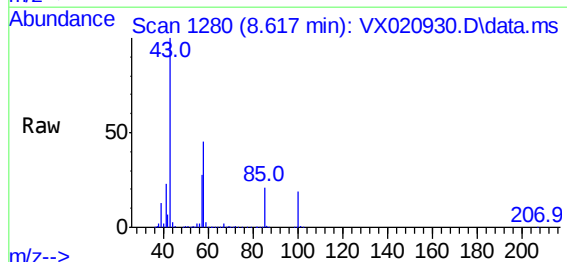
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

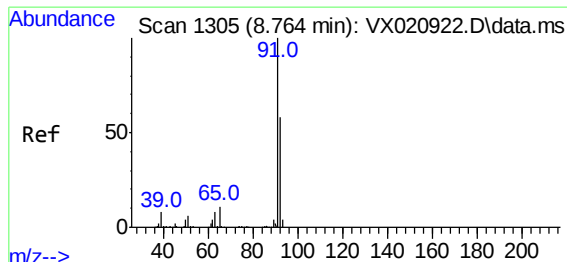
Tgt Ion: 75 Resp: 184720
Ion Ratio Lower Upper
75 100
77 30.9 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 95.86 ug/L
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 43 Resp: 261762
Ion Ratio Lower Upper
43 100
58 44.3 35.0 52.4
100 19.7 14.2 21.4





#42

Toluene

Concen: 51.76 ug/L

RT: 8.765 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VX020930.D

Acq: 26 Feb 2021 16:43

Tgt Ion: 91 Resp: 480231

Ion Ratio Lower Upper

91 100

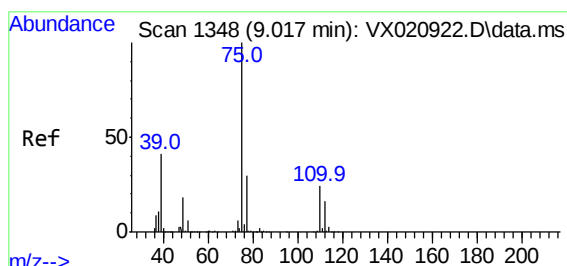
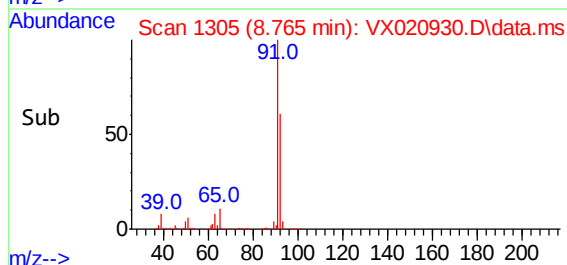
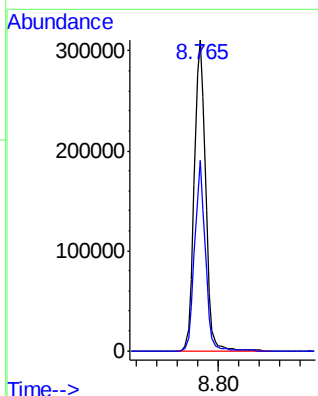
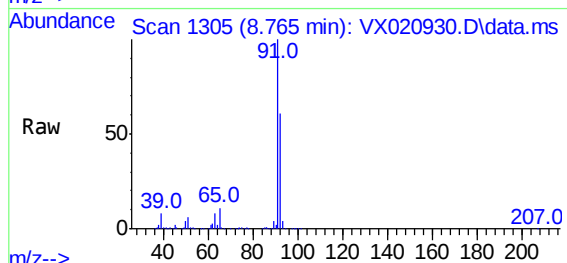
92 61.1 40.5 75.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD050440



#44

trans-1,3-Dichloropropene

Concen: 50.59 ug/L

RT: 9.023 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX020930.D

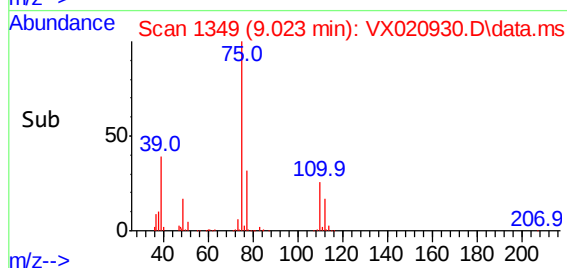
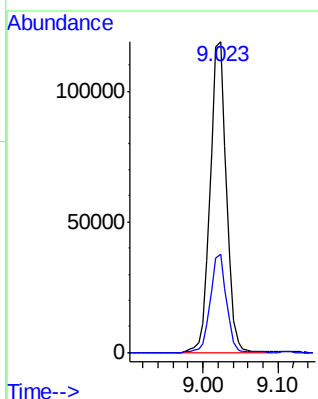
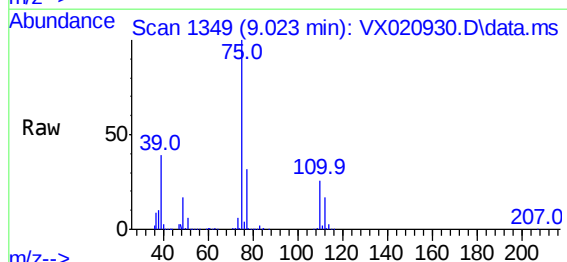
Acq: 26 Feb 2021 16:43

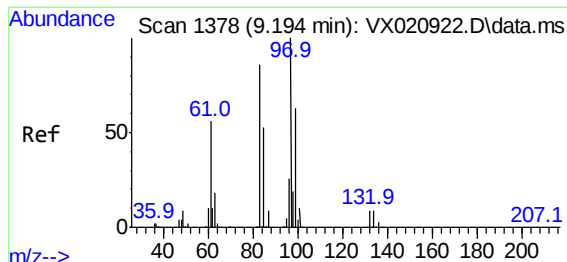
Tgt Ion: 75 Resp: 176664

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



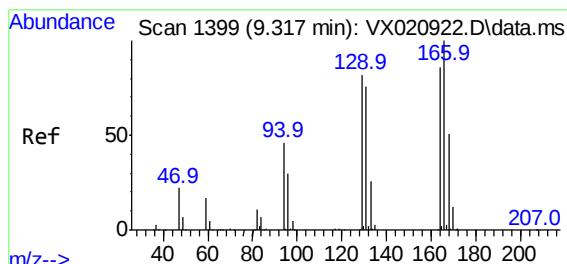
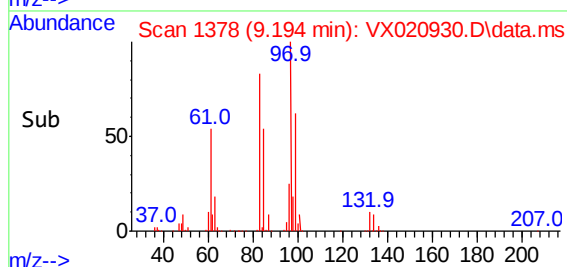
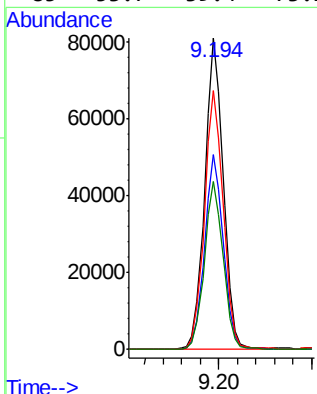
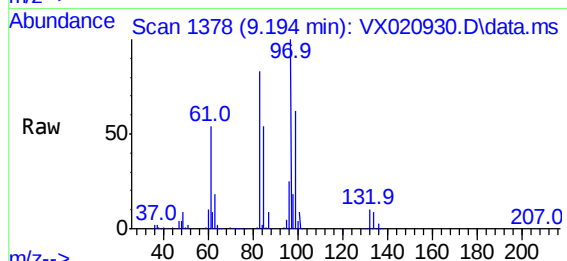


#45
1,1,2-Trichloroethane
Concen: 50.66 ug/L
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

Tgt Ion: 97 Resp: 112351

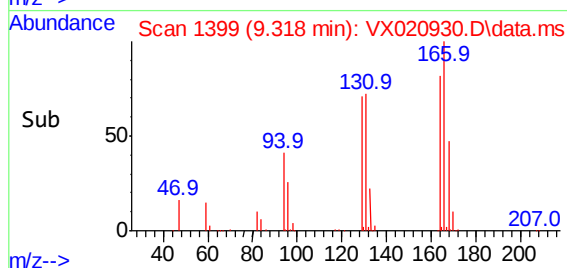
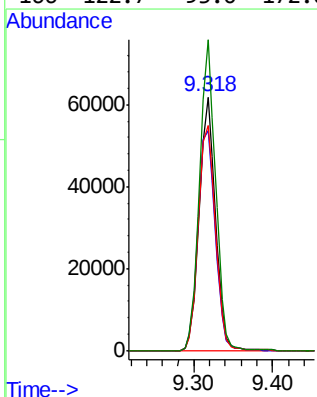
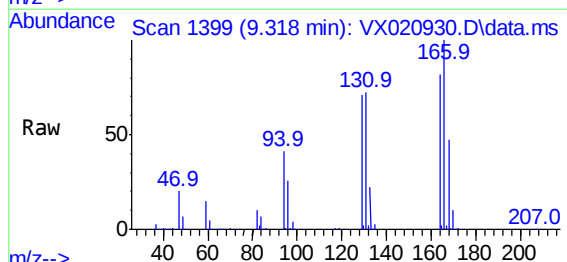
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.0	81.6
83	83.2	60.8	113.0
85	53.7	39.4	73.2

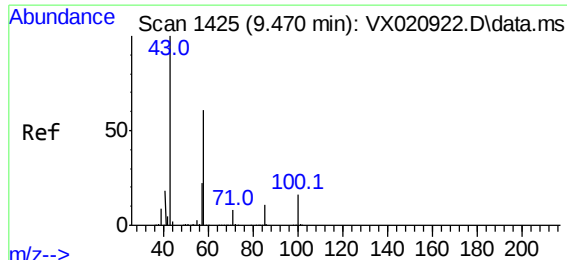


#46
Tetrachloroethene
Concen: 51.40 ug/L
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 164 Resp: 87068

Ion	Ratio	Lower	Upper
164	100		
129	86.9	65.6	121.8
131	88.6	63.7	118.3
166	122.7	93.0	172.6



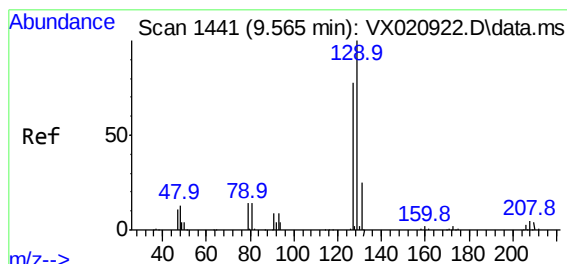
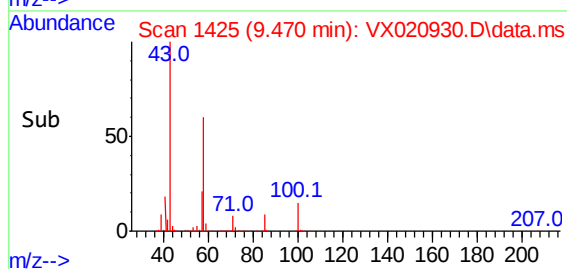
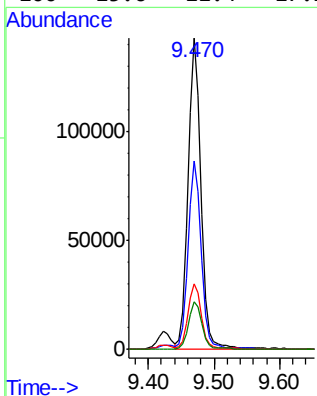
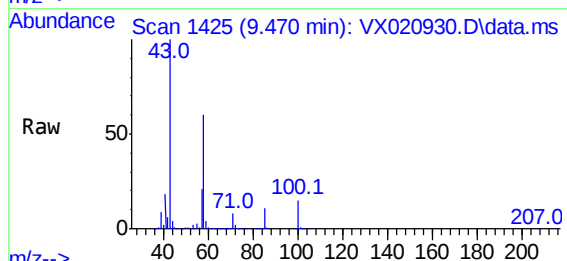


#48
2-Hexanone
Concen: 93.44 ug/L
RT: 9.470 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

Tgt Ion: 43 Resp: 194565

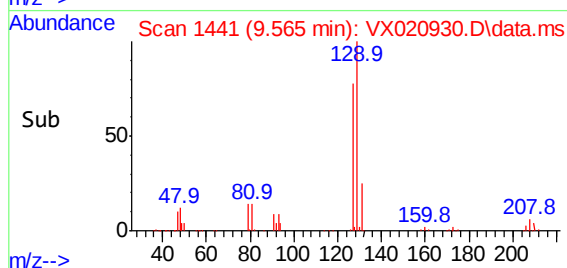
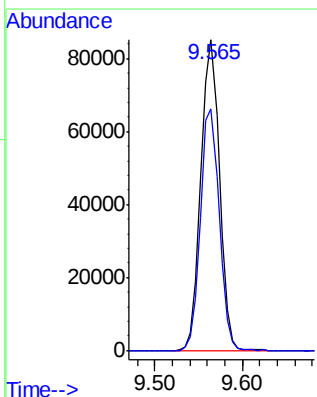
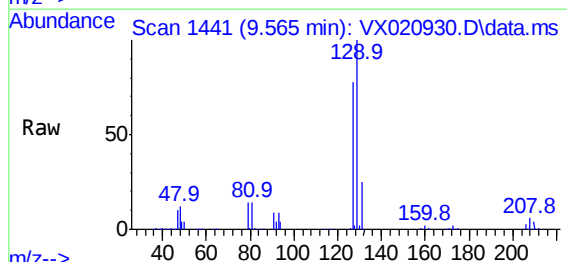
Ion	Ratio	Lower	Upper
43	100		
58	60.8	50.1	75.1
57	21.6	17.3	25.9
100	15.6	11.4	17.2

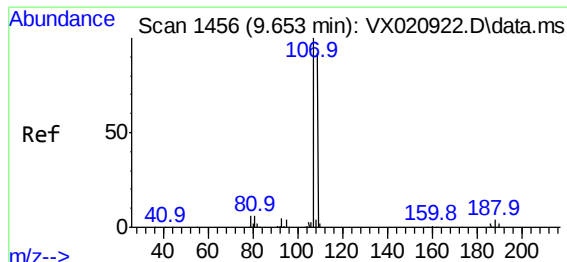


#49
Dibromochloromethane
Concen: 51.57 ug/L
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 129 Resp: 120784

Ion	Ratio	Lower	Upper
129	100		
127	77.7	52.5	97.5

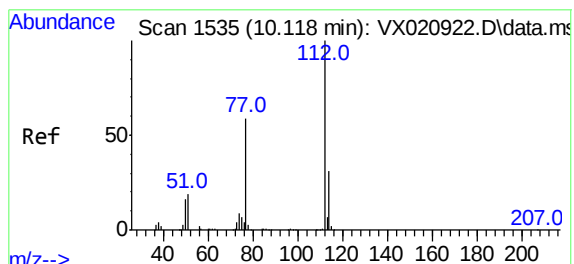
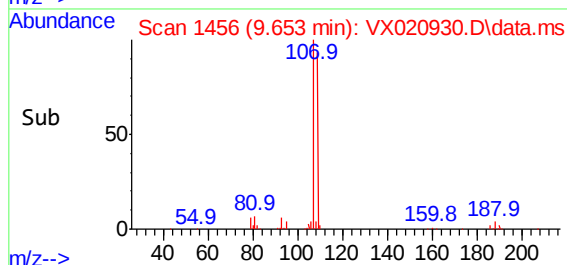
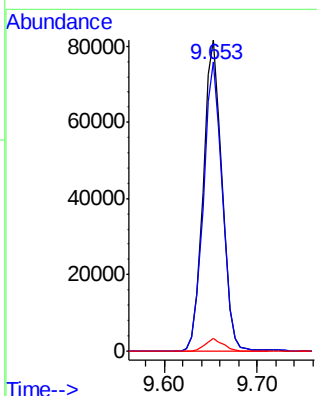
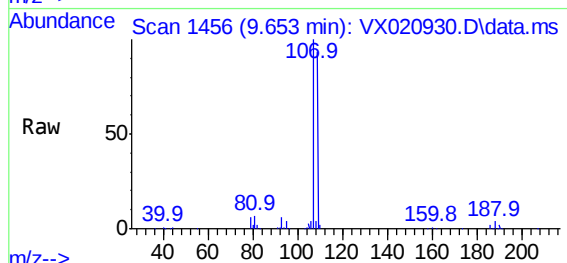




#50
1,2-Dibromoethane
Concen: 49.65 ug/L
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

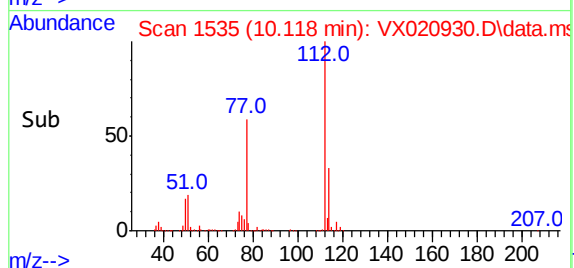
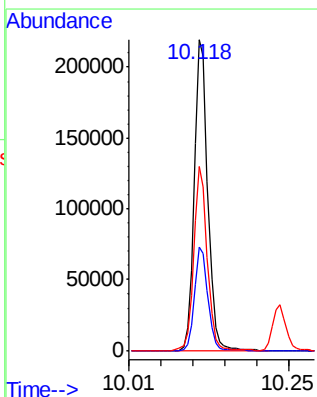
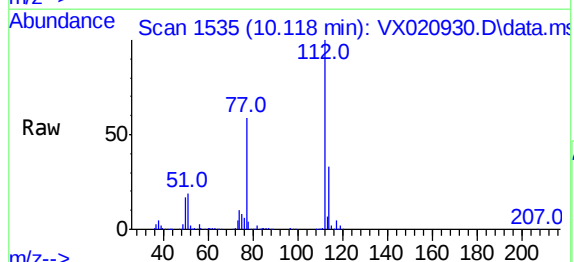
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

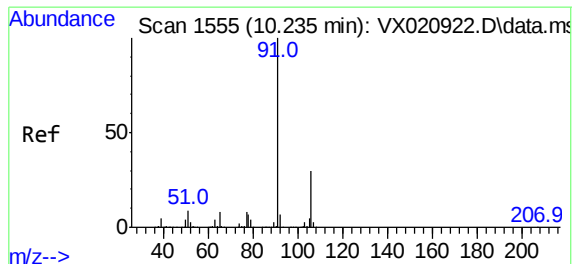
Tgt Ion:107 Resp: 114561
Ion Ratio Lower Upper
107 100
109 93.0 66.4 123.4
188 4.2 3.2 4.8



#51
Chlorobenzene
Concen: 51.24 ug/L
RT: 10.118 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion:112 Resp: 300506
Ion Ratio Lower Upper
112 100
114 33.1 23.2 43.2
77 59.1 48.4 72.6

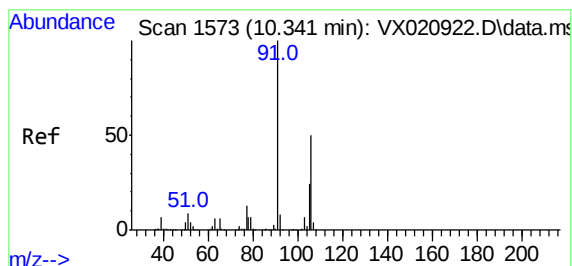
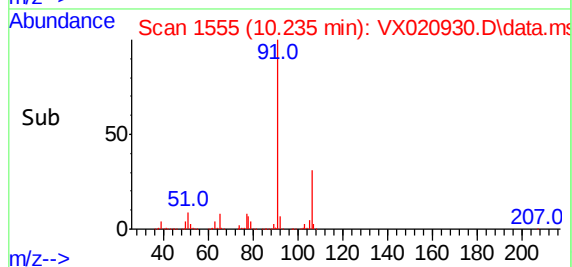
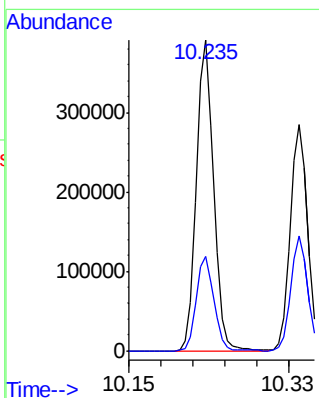
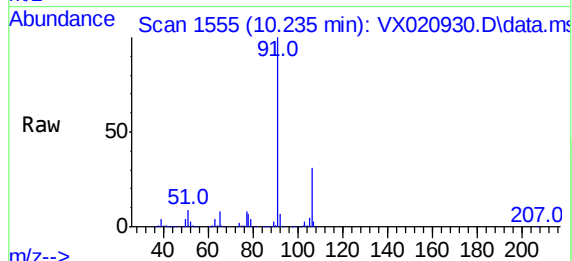




#52
Ethylbenzene
Concen: 50.90 ug/L
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

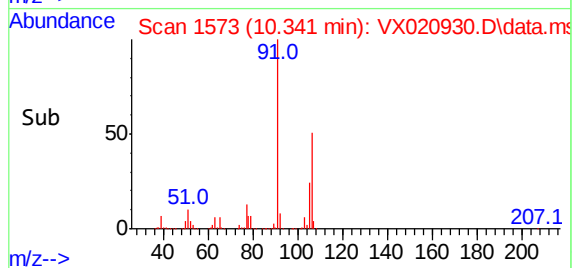
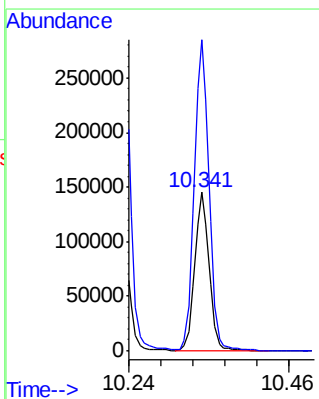
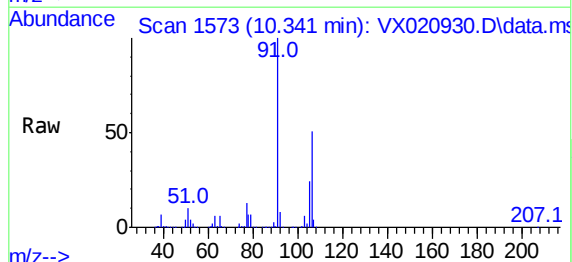
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

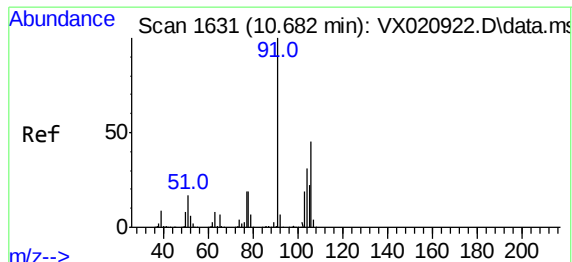
Tgt Ion: 91 Resp: 519032
Ion Ratio Lower Upper
91 100
106 30.6 21.0 39.0



#53
m,p-Xylene
Concen: 50.76 ug/L
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion:106 Resp: 195216
Ion Ratio Lower Upper
106 100
91 196.4 142.5 264.6

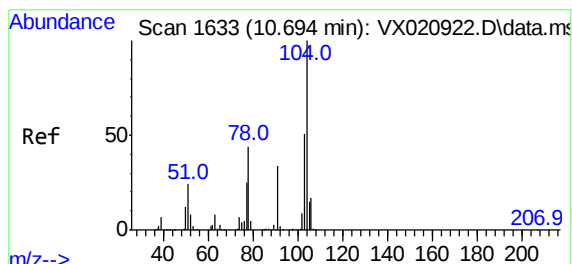
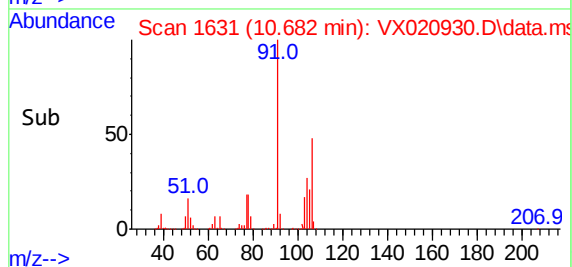
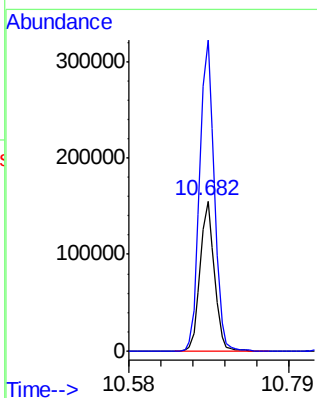
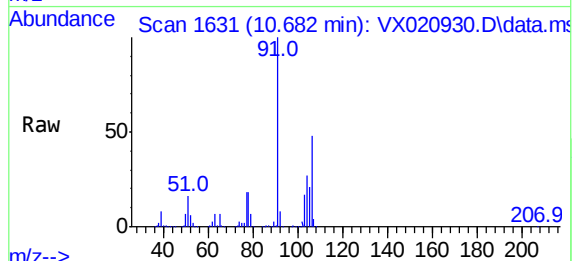




#54
o-Xylene
Concen: 51.24 ug/L
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

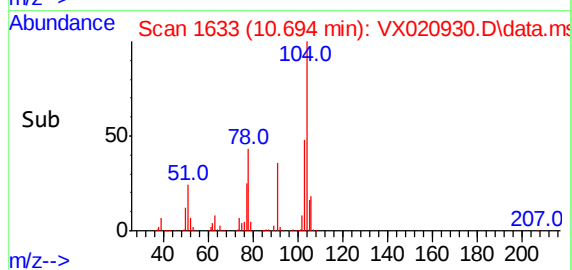
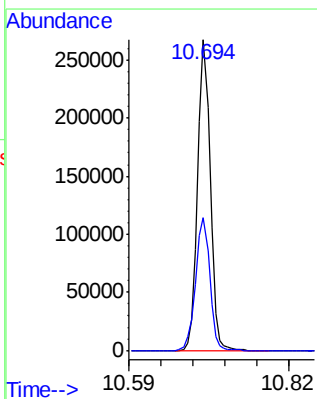
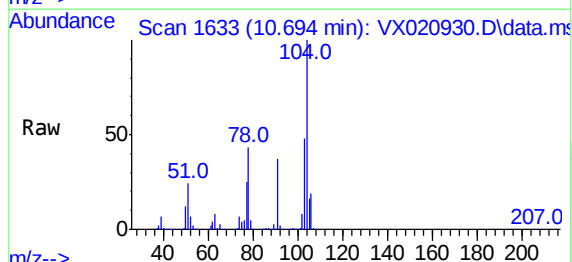
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

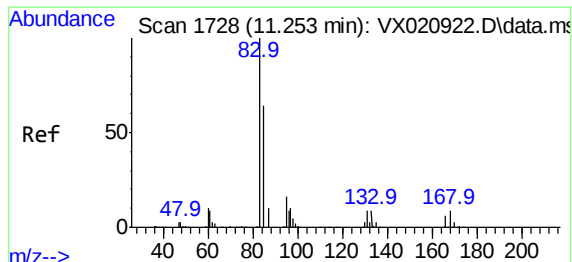
Tgt Ion:106 Resp: 192054
Ion Ratio Lower Upper
106 100
91 207.7 156.2 290.0



#55
Styrene
Concen: 51.53 ug/L
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion:104 Resp: 335826
Ion Ratio Lower Upper
104 100
78 42.7 30.0 55.6

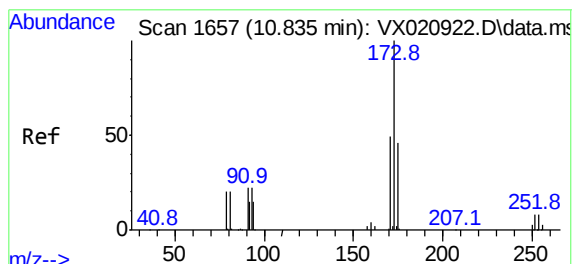
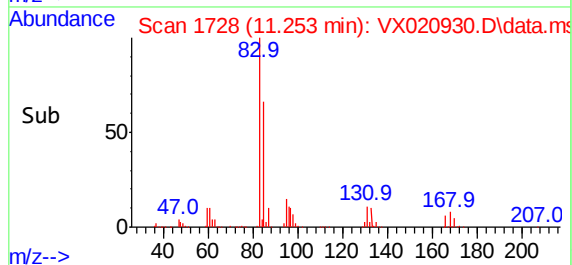
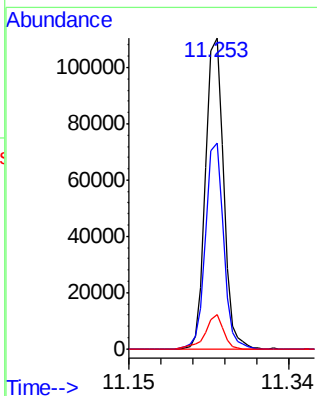
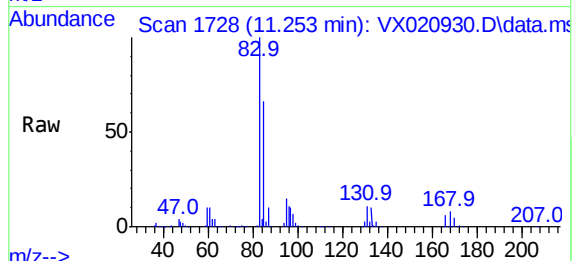




#57
1,1,2,2-Tetrachloroethane
Concen: 47.35 ug/L
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

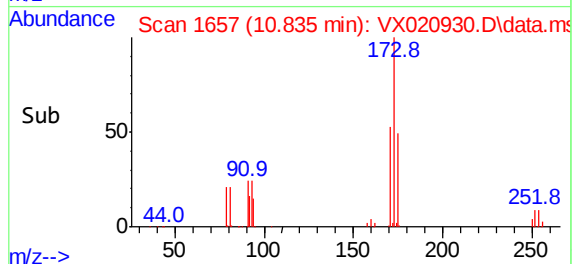
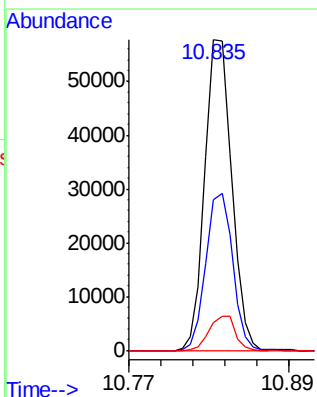
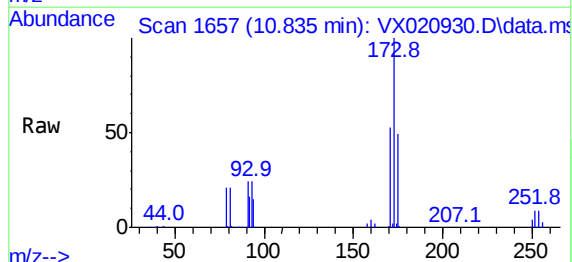
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

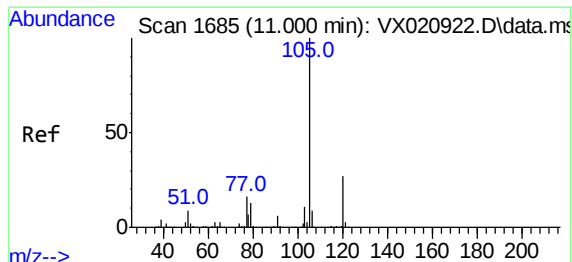
Tgt Ion: 83 Resp: 150564
Ion Ratio Lower Upper
83 100
85 66.0 44.7 82.9
131 10.8 7.8 11.8



#59
Bromoform
Concen: 51.04 ug/L
RT: 10.835 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 173 Resp: 80012
Ion Ratio Lower Upper
173 100
175 50.2 39.4 59.2
254 10.6 8.6 13.0

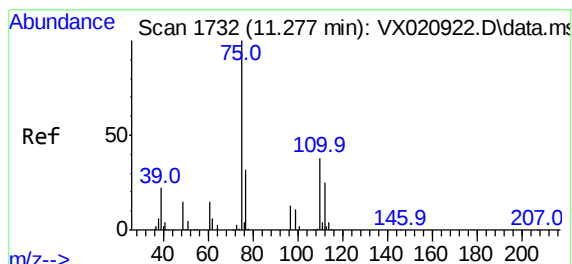
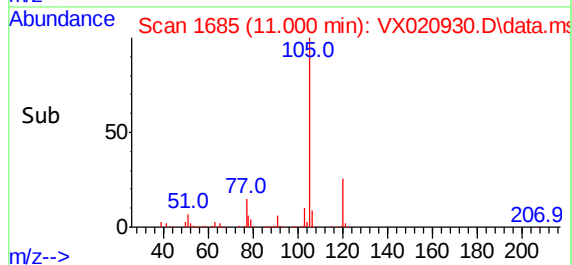
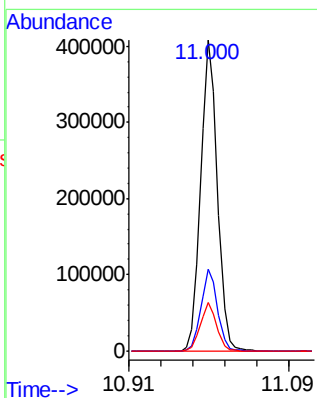
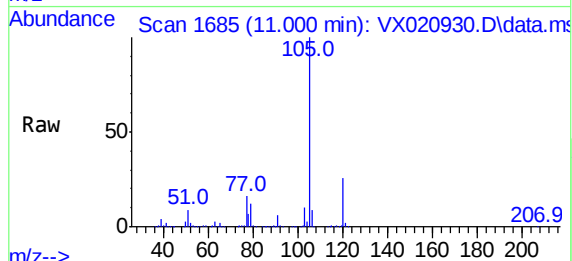




#60
Isopropylbenzene
Concen: 53.41 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

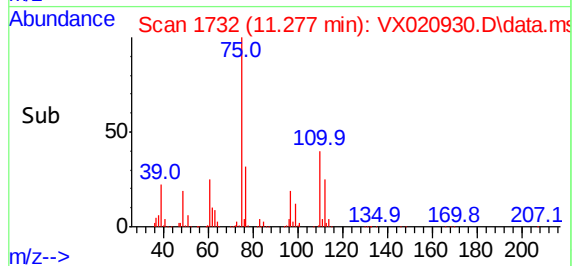
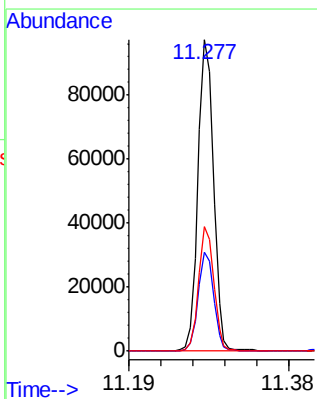
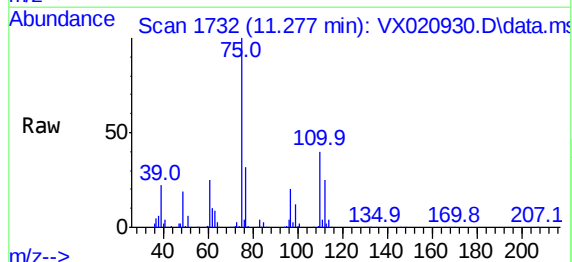
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

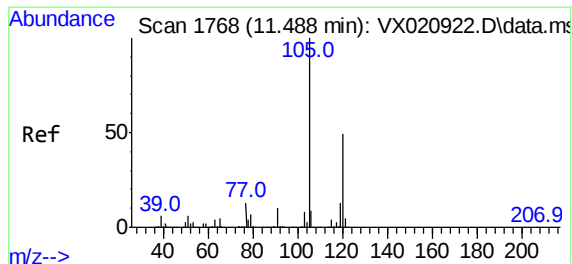
Tgt Ion:105 Resp: 508758
Ion Ratio Lower Upper
105 100
120 25.9 21.2 31.8
77 15.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 50.49 ug/L
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 75 Resp: 125882
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 38.9 31.8 47.8



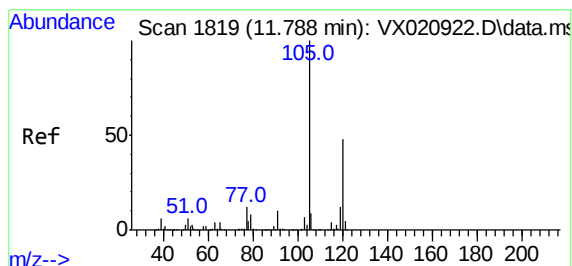
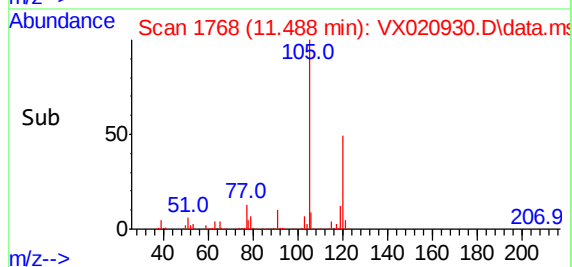
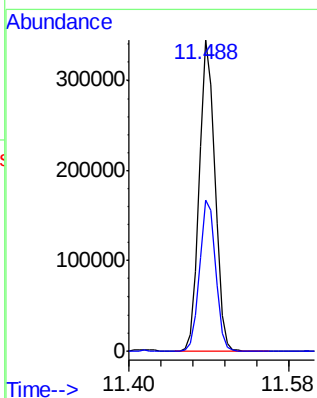
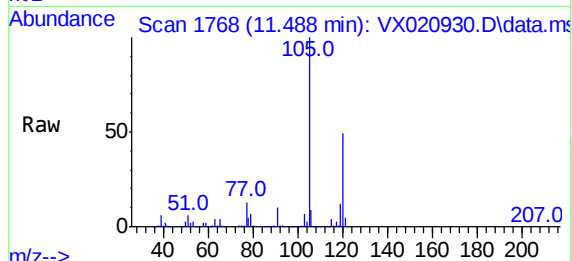


#62
 1,3,5-Trimethylbenzene
 Concen: 52.88 ug/L
 RT: 11.488 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VX020930.D
 Acq: 26 Feb 2021 16:43

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050440

Tgt Ion:105 Resp: 412263

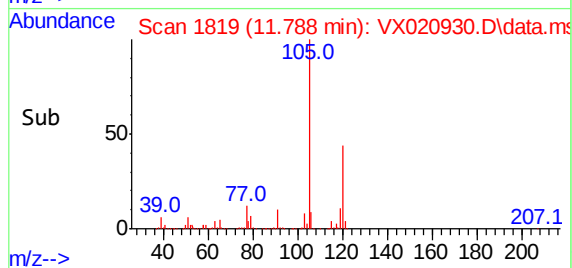
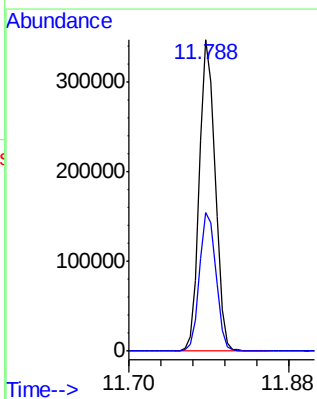
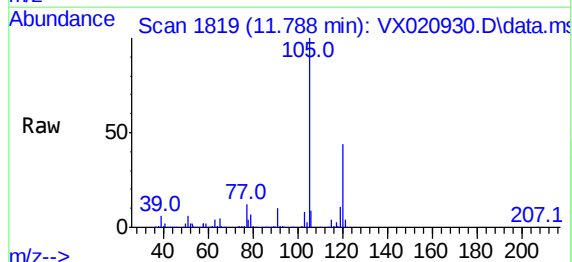
Ion	Ratio	Lower	Upper
105	100		
120	49.0	38.0	57.0

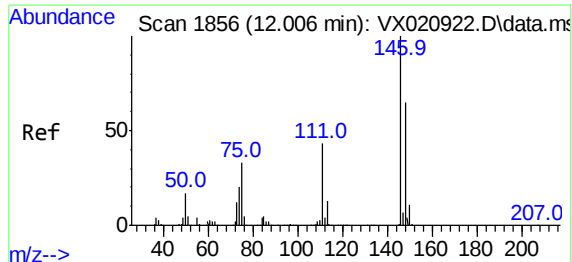


#63
 1,2,4-Trimethylbenzene
 Concen: 53.19 ug/L
 RT: 11.788 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VX020930.D
 Acq: 26 Feb 2021 16:43

Tgt Ion:105 Resp: 417438

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.4	54.6

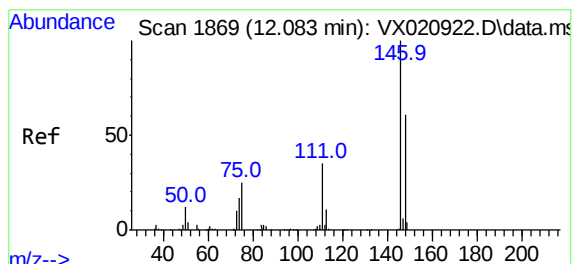
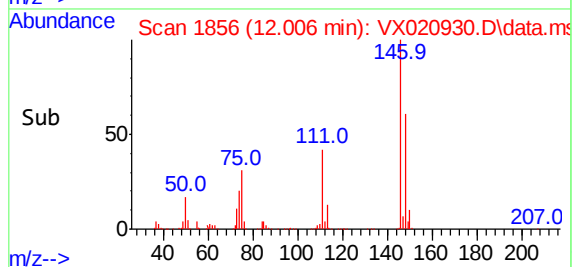
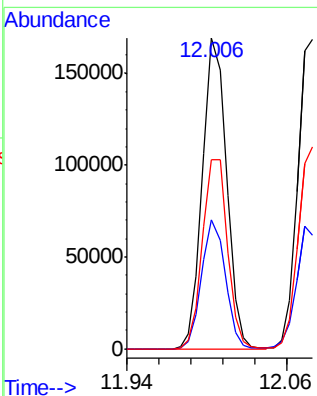
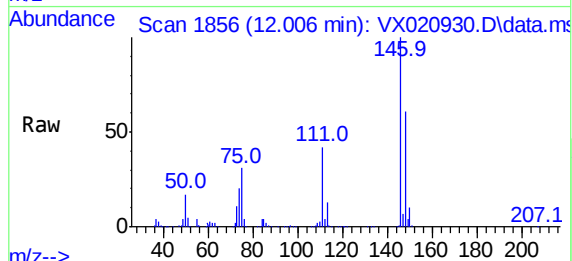




#64
1,3-Dichlorobenzene
Concen: 51.36 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

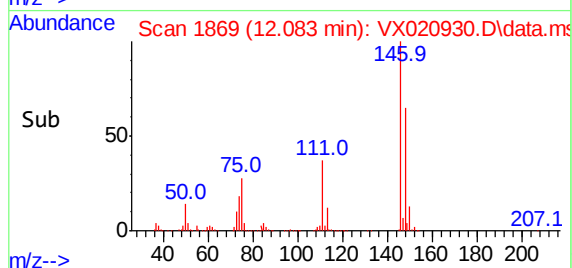
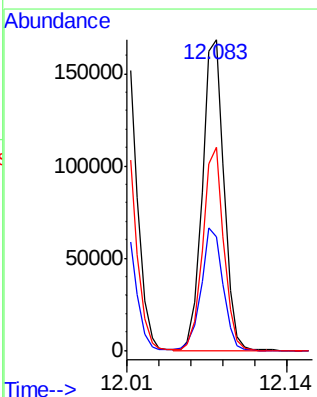
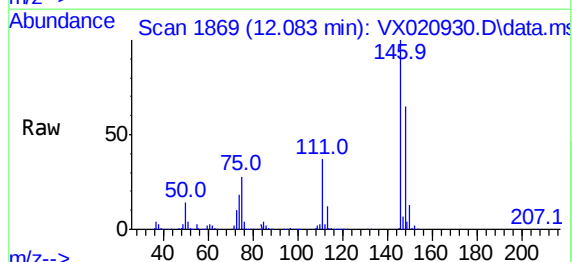
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

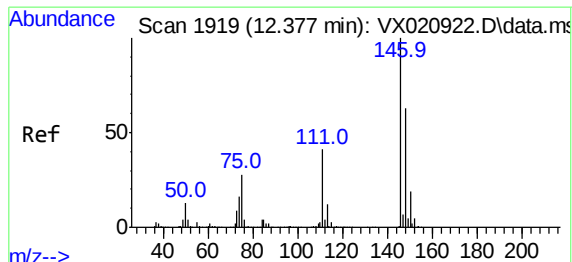
Tgt Ion:146 Resp: 209266
Ion Ratio Lower Upper
146 100
111 41.5 28.9 53.7
148 61.1 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 51.08 ug/L
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion:146 Resp: 208452
Ion Ratio Lower Upper
146 100
111 36.7 28.7 53.3
148 65.2 45.8 85.2

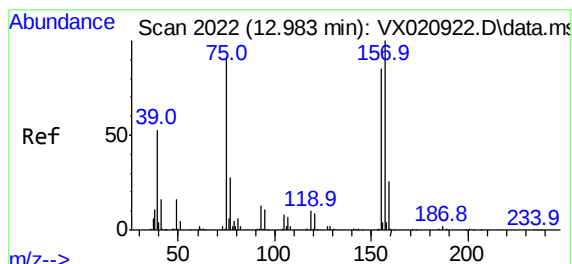
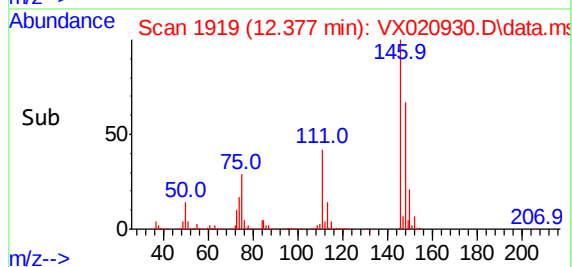
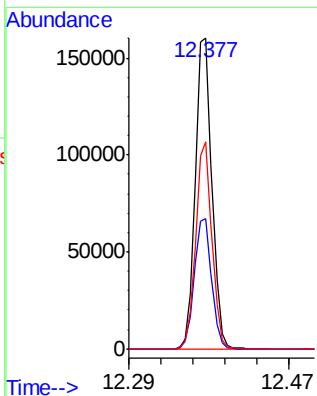
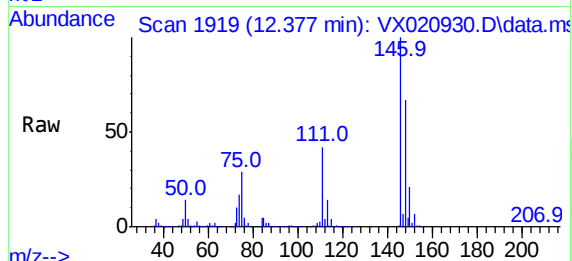




#67
1,2-Dichlorobenzene
Concen: 50.98 ug/L
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

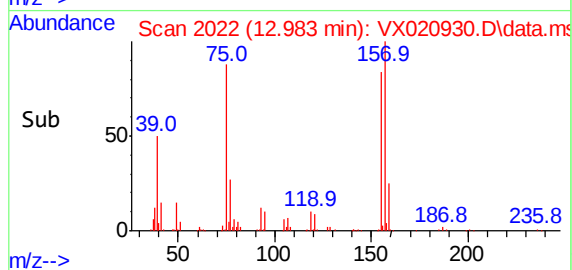
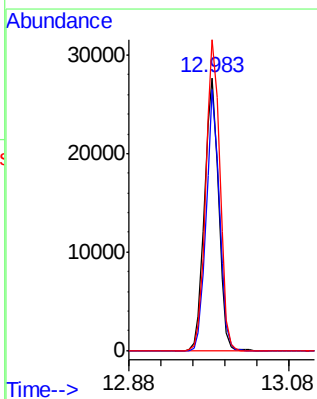
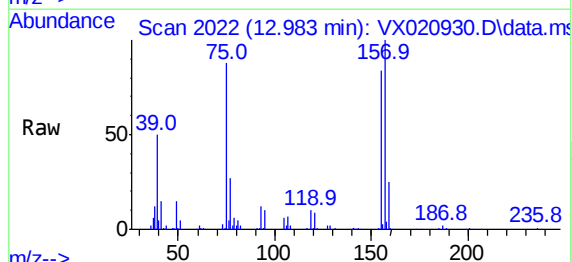
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

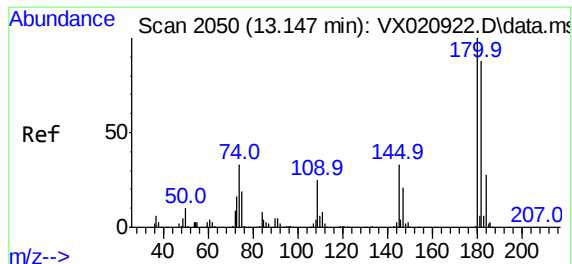
Tgt Ion:146 Resp: 205105
Ion Ratio Lower Upper
146 100
111 42.0 33.8 50.8
148 66.6 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 49.23 ug/L
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion: 75 Resp: 33782
Ion Ratio Lower Upper
75 100
155 95.9 65.3 97.9
157 114.1 80.5 120.7

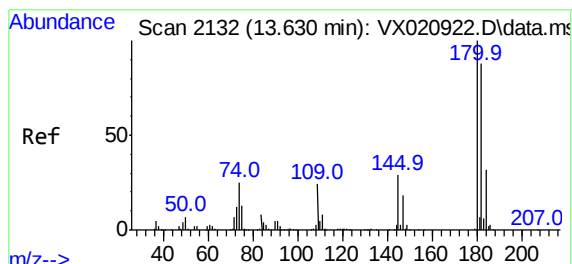
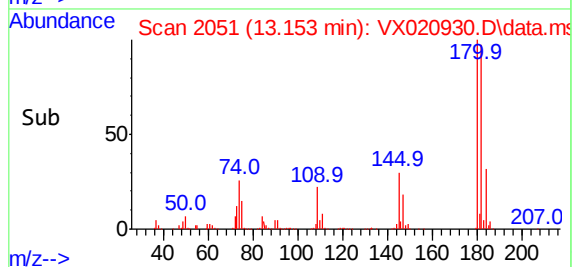
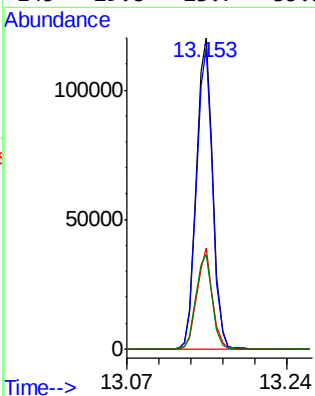
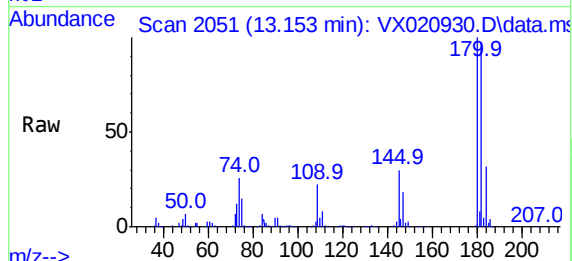




#69
1,3,5-Trichlorobenzene
Concen: 52.80 ug/L
RT: 13.153 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

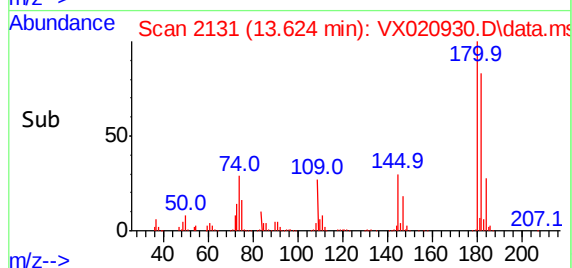
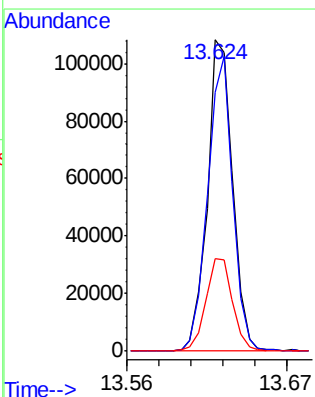
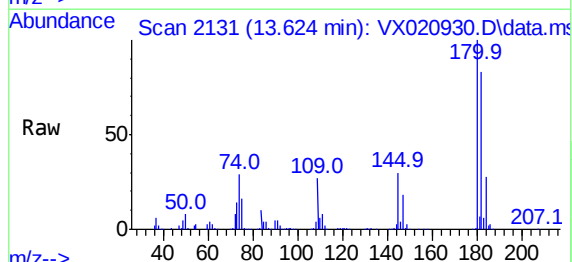
Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

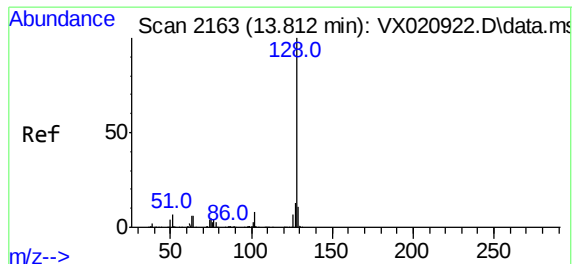
Tgt Ion:180 Resp: 146430
Ion Ratio Lower Upper
180 100
182 95.7 74.8 112.2
184 30.2 24.1 36.1
145 29.8 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 53.83 ug/L
RT: 13.624 min Scan# 2131
Delta R.T. -0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion:180 Resp: 132002
Ion Ratio Lower Upper
180 100
182 94.2 74.3 111.5
145 31.1 24.1 36.1

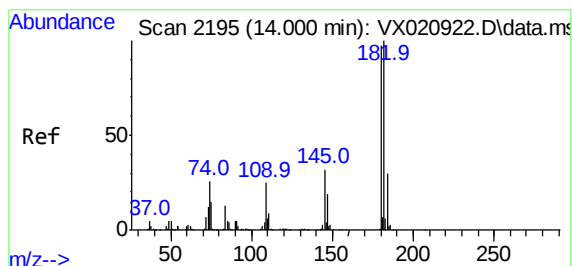
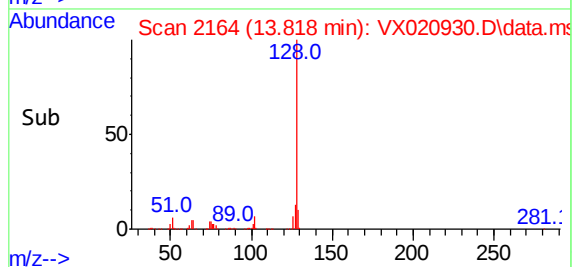
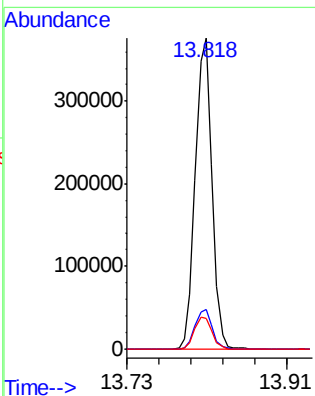
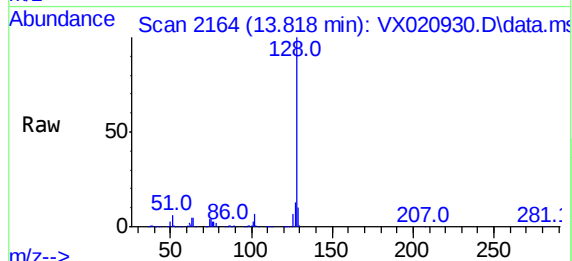




#71
Naphthalene
Concen: 52.87 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD050440

Tgt Ion:128 Resp: 469885
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 56.61 ug/L
RT: 14.000 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX020930.D
Acq: 26 Feb 2021 16:43

Tgt Ion:180 Resp: 141122
Ion Ratio Lower Upper
180 100
182 94.4 74.6 112.0
145 32.1 25.6 38.4

