

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021193.D
 Acq On : 15 Mar 2021 11:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 16 02:58:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	74192	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	136835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	132325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58139	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	62121	49.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.20%
35) Dibromofluoromethane	5.470	113	47476	50.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.86%
50) Toluene-d8	8.694	98	172747	51.08	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.16%
62) 4-Bromofluorobenzene	11.118	95	68707	53.31	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.62%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	405	0.43	ug/l #	62
3) Chloromethane	1.317	50	528	0.55	ug/l	98
4) Vinyl Chloride	1.399	62	330	0.35	ug/l	91
5) Bromomethane	1.640	94	842	1.54	ug/l	87
6) Chloroethane	1.717	64	118	0.21	ug/l #	43
7) Trichlorofluoromethane	1.923	101	504	0.34	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.376	101	468	0.58	ug/l #	87
10) Methyl Iodide	2.499	142	1037	0.96	ug/l #	86
11) Tert butyl alcohol	3.005	59	419	1.90	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	365	0.46	ug/l	81
13) Acrolein	2.281	56	412	3.04	ug/l #	79
14) Allyl chloride	2.705	41	605	0.35	ug/l #	62
15) Acrylonitrile	3.117	53	778	1.60	ug/l #	77
16) Acetone	2.423	43	597	1.17	ug/l #	84
17) Carbon Disulfide	2.552	76	4679	1.98	ug/l #	94
18) Methyl Acetate	2.758	43	559	0.45	ug/l #	61
20) Methylene Chloride	2.840	84	531	0.55	ug/l #	90
21) trans-1,2-Dichloroethene	3.146	96	751	0.86	ug/l #	80
23) Vinyl Acetate	3.793	43	1694	0.61	ug/l	94
25) 2-Butanone	4.646	43	341	0.47	ug/l #	45
27) cis-1,2-Dichloroethene	4.576	96	220	0.22	ug/l #	1
29) Tetrahydrofuran	5.117	42	581	1.23	ug/l #	47
31) Cyclohexane	5.552	56	532	0.33	ug/l #	72
36) 1,1-Dichloropropene	5.764	75	760	0.53	ug/l	91
39) Methylcyclohexane	7.447	83	908	0.56	ug/l	93
41) Methacrylonitrile	5.011	41	214	0.23	ug/l #	42
42) 1,2-Dichloroethane	6.170	62	446	0.26	ug/l #	73
44) Trichloroethene	7.188	130	557	0.52	ug/l	68
46) Dibromomethane	7.641	93	250	0.33	ug/l	89
49) 1,4-Dioxane	7.717	88	23	1.00	ug/l #	1
51) 4-Methyl-2-Pentanone	8.623	43	466	0.31	ug/l	93
52) Toluene	8.759	92	571	0.24	ug/l	92
53) t-1,3-Dichloropropene	9.023	75	591	0.36	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	381	0.22	ug/l #	79
58) 2-Chloroethyl Vinyl ether	8.294	63	492	0.63	ug/l #	64
59) 2-Hexanone	9.471	43	676	0.59	ug/l	74

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 ClientSampleId :
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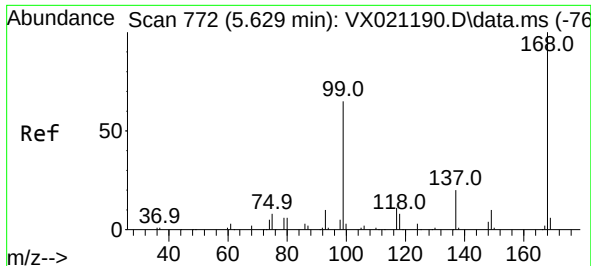
Quant Time: Mar 16 02:58:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2-Dibromoethane	9.653	107	271	0.26	ug/l	92
64) Tetrachloroethene	9.318	164	542	0.47	ug/l	94
65) Chlorobenzene	10.118	112	783	0.29	ug/l	94
67) Ethyl Benzene	10.235	91	1223	0.24	ug/l	99
68) m/p-Xylenes	10.341	106	963	0.53	ug/l	90
70) Styrene	10.694	104	823	0.27	ug/l	94
71) Bromoform	10.835	173	65	1.52	ug/l #	29
73) Isopropylbenzene	11.006	105	1213	0.27	ug/l	95
76) 1,2,3-Trichloropropane	11.118	75	38647	26.81	ug/l #	39
77) Bromobenzene	11.236	156	354	0.33	ug/l	92
78) n-propylbenzene	11.341	91	2301	0.44	ug/l	95
79) 2-Chlorotoluene	11.400	91	1083	0.34	ug/l	94
80) 1,3,5-Trimethylbenzene	11.489	105	1283	0.34	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.118	75	38647	76.09	ug/l #	12
82) 4-Chlorotoluene	11.494	91	1725	0.47	ug/l	96
83) tert-Butylbenzene	11.753	119	1091	0.32	ug/l	77
84) 1,2,4-Trimethylbenzene	11.789	105	1389	0.36	ug/l	99
85) sec-Butylbenzene	11.930	105	1836	0.44	ug/l	99
86) p-Isopropyltoluene	12.047	119	1832	0.48	ug/l #	83
87) 1,3-Dichlorobenzene	12.006	146	1136	0.61	ug/l	98
88) 1,4-Dichlorobenzene	12.006	146	1136	0.59	ug/l	99
89) n-Butylbenzene	12.371	91	2270	0.64	ug/l	95
90) Hexachloroethane	12.583	117	156	0.22	ug/l	67
91) 1,2-Dichlorobenzene	12.371	146	779	0.42	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.983	75	78	0.22	ug/l #	35
93) 1,2,4-Trichlorobenzene	13.630	180	1266	1.07	ug/l	96
94) Hexachlorobutadiene	13.765	225	837	1.65	ug/l	99
95) Naphthalene	13.818	128	2805	2.10	ug/l	98
96) 1,2,3-Trichlorobenzene	14.001	180	1195	1.85	ug/l	92

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

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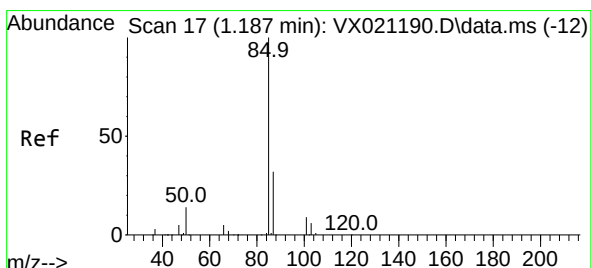
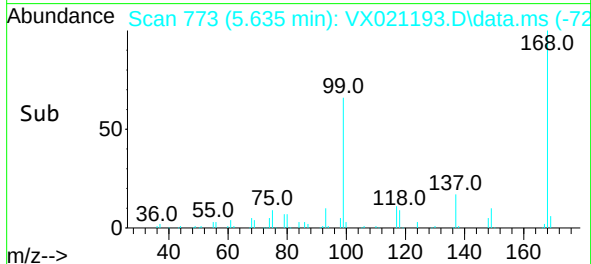
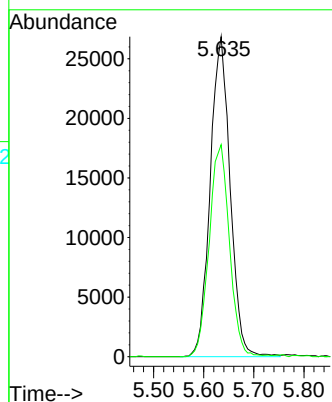
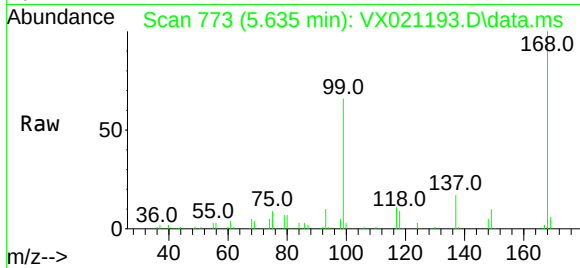




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

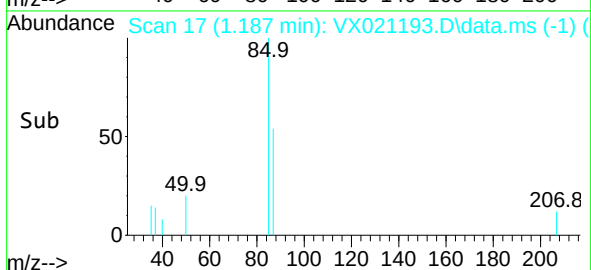
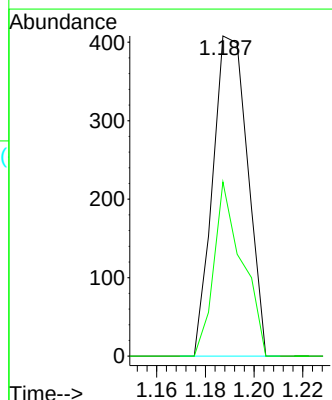
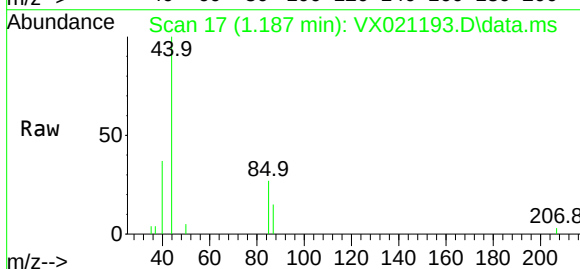
Instrument :
MSVOA_X
ClientSampled :
IBLK

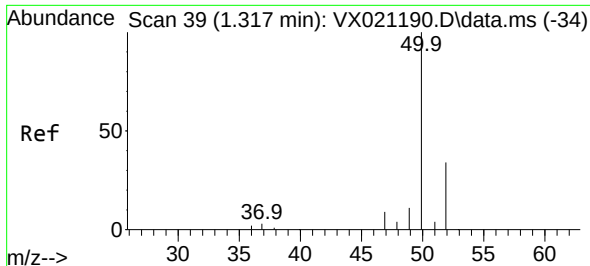
Tgt Ion:168 Resp: 74192
Ion Ratio Lower Upper
168 100
99 66.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.43 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 85 Resp: 405
Ion Ratio Lower Upper
85 100
87 54.4 16.4 49.2#

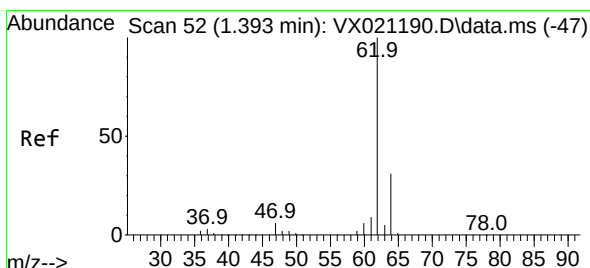
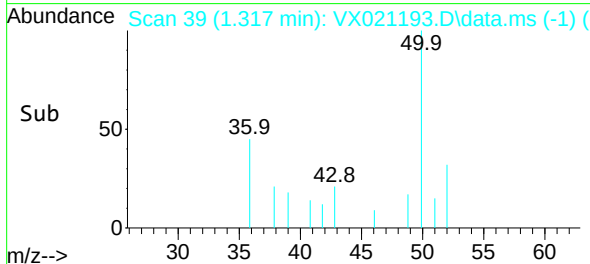
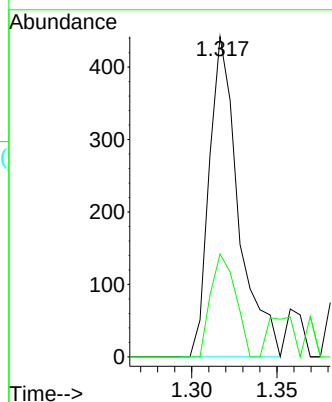
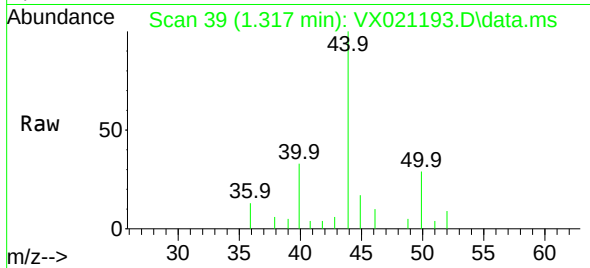




#3
Chloromethane
Concen: 0.55 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

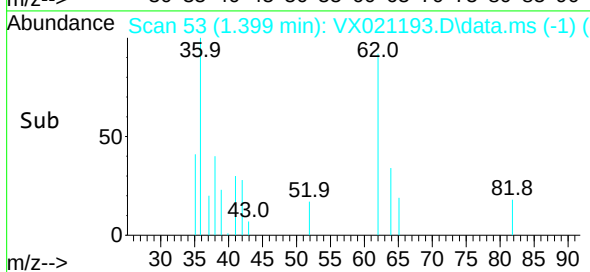
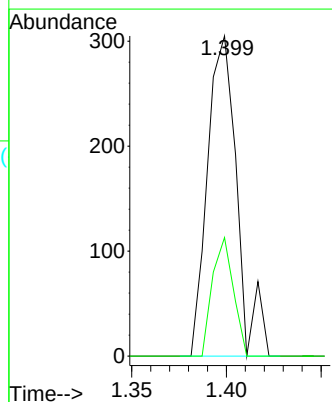
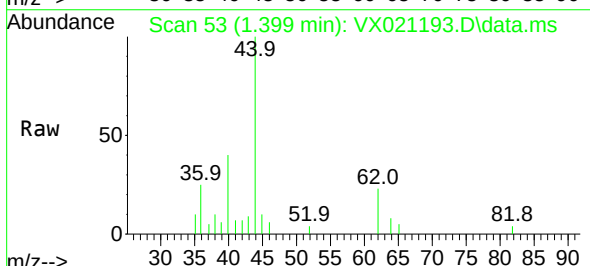
Instrument :
MSVOA_X
ClientSampled :
IBLK

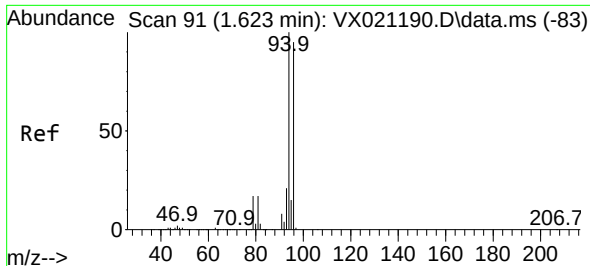
Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6



#4
Vinyl Chloride
Concen: 0.35 ug/l
RT: 1.399 min Scan# 53
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 62 Resp: 330
Ion Ratio Lower Upper
62 100
64 37.0 25.7 38.5

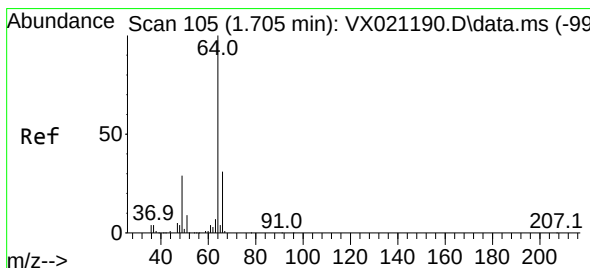
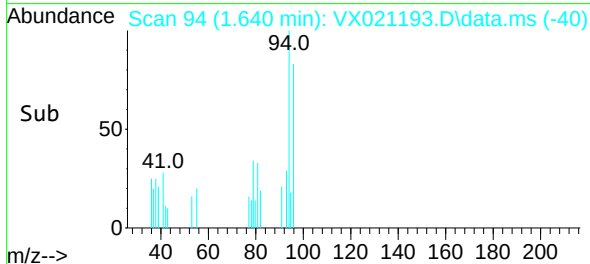
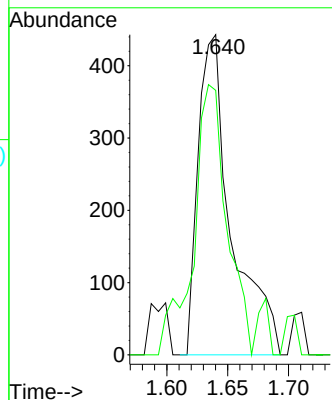
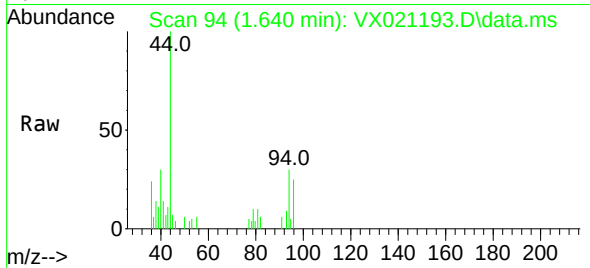




#5
Bromomethane
Concen: 1.54 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

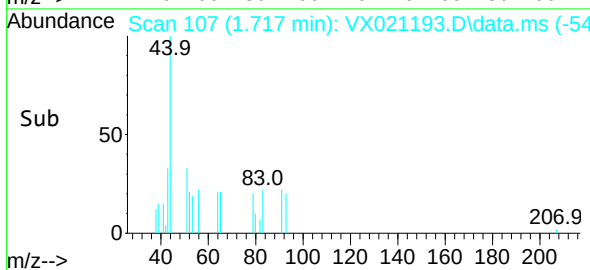
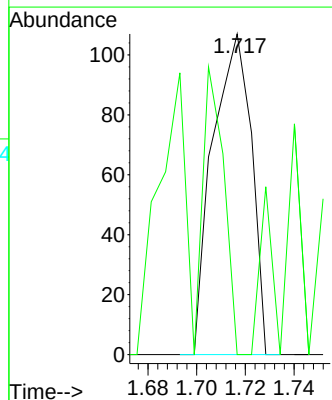
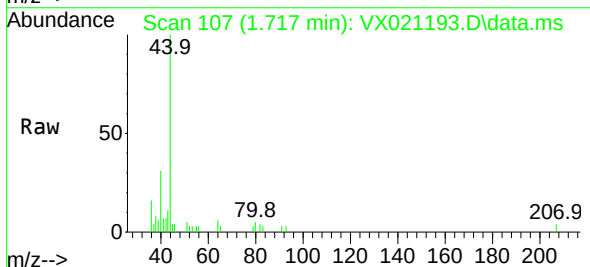
Instrument :
MSVOA_X
ClientSampleId :
IBLK

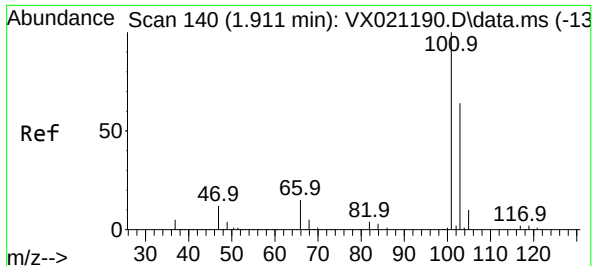
Tgt Ion: 94 Resp: 842
Ion Ratio Lower Upper
94 100
96 82.6 76.4 114.6



#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.717 min Scan# 107
Delta R.T. 0.012 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

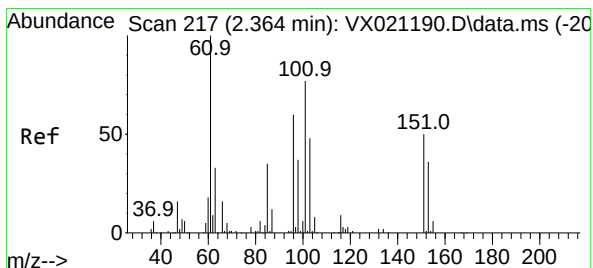
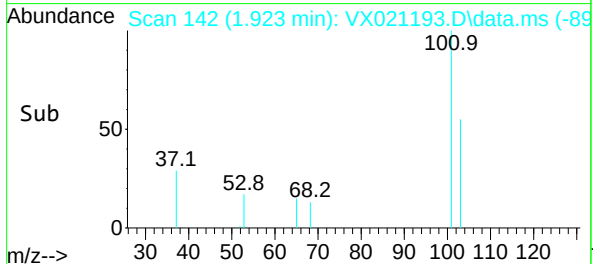
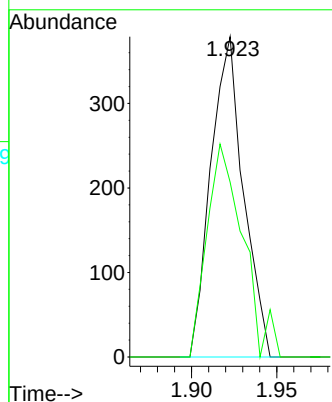
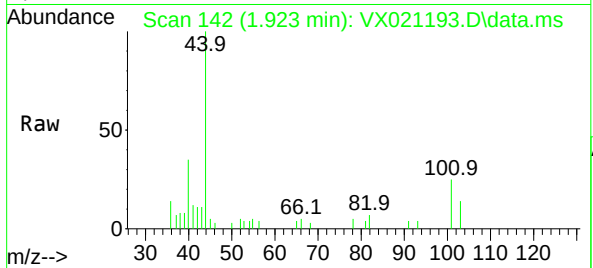




#7
 Trichlorofluoromethane
 Concen: 0.34 ug/l
 RT: 1.923 min Scan# 142
 Delta R.T. 0.012 min
 Lab File: VX021193.D
 Acq: 15 Mar 2021 11:50

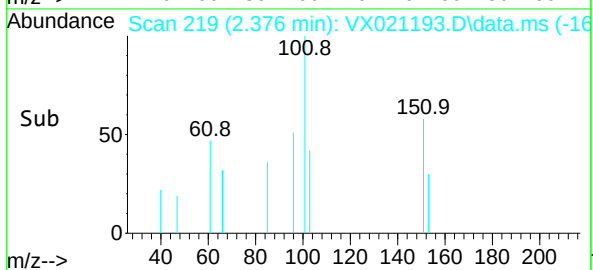
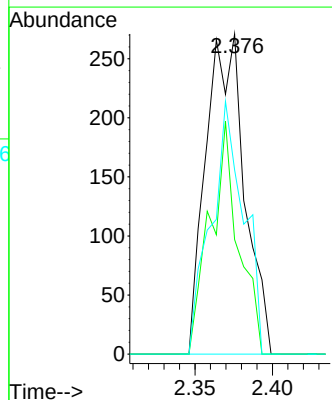
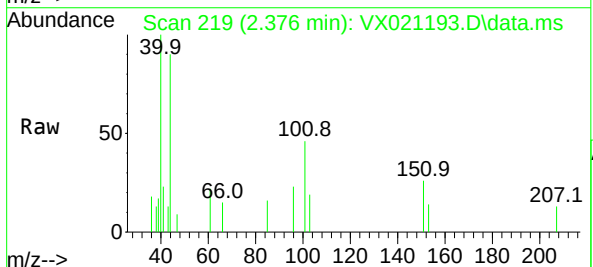
Instrument :
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 ClientSampled :
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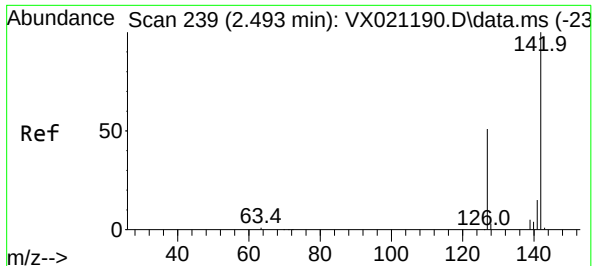
Tgt Ion:101 Resp: 504
 Ion Ratio Lower Upper
 101 100
 103 54.6 53.2 79.8



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.58 ug/l
 RT: 2.376 min Scan# 219
 Delta R.T. 0.012 min
 Lab File: VX021193.D
 Acq: 15 Mar 2021 11:50

Tgt Ion:101 Resp: 468
 Ion Ratio Lower Upper
 101 100
 85 53.6 34.9 52.3#
 151 67.1 61.4 92.2





#10

Methyl Iodide

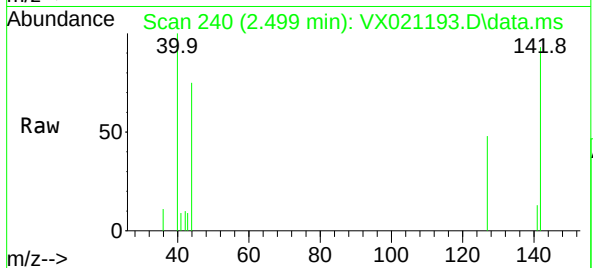
Concen: 0.96 ug/l

RT: 2.499 min Scan# 240

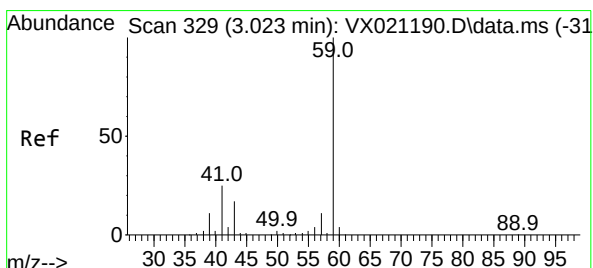
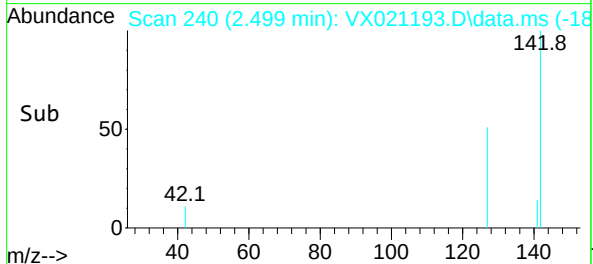
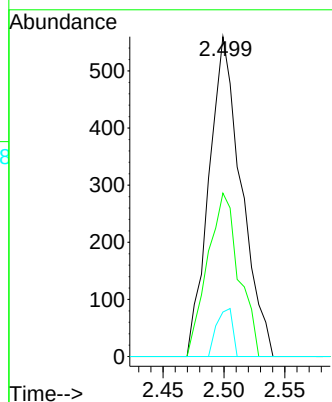
Delta R.T. 0.012 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50



Tgt Ion:	142	Resp:	1037
Ion	Ratio	Lower	Upper
142	100		
127	49.7	33.3	49.9
141	7.3	11.4	17.0#



#11

Tert butyl alcohol

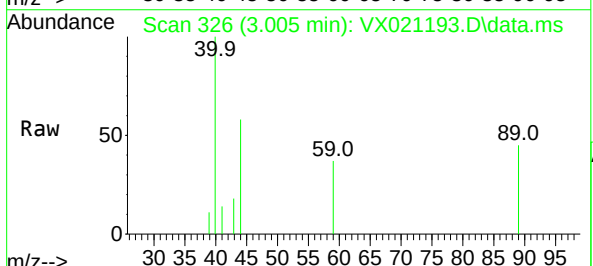
Concen: 1.90 ug/l

RT: 3.005 min Scan# 326

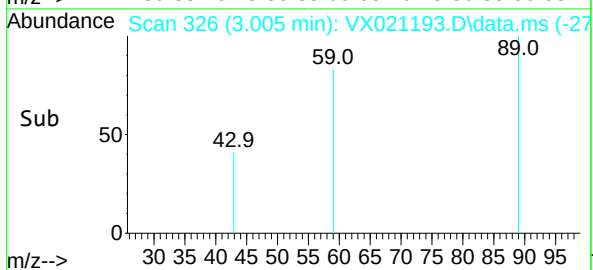
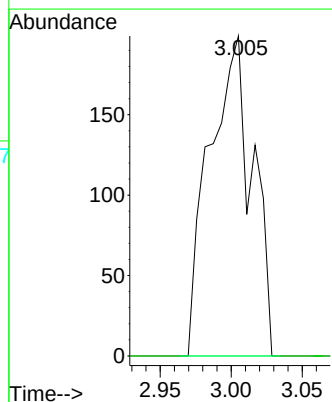
Delta R.T. -0.012 min

Lab File: VX021193.D

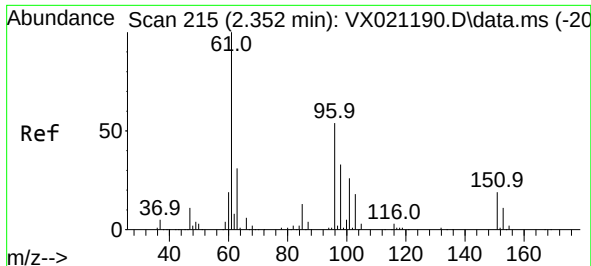
Acq: 15 Mar 2021 11:50



Tgt Ion:	59	Resp:	419
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



Instrument :
MSVOA_X
ClientSampled :
IBLK



#12

1,1-Dichloroethene

Concen: 0.46 ug/l

RT: 2.358 min Scan# 216

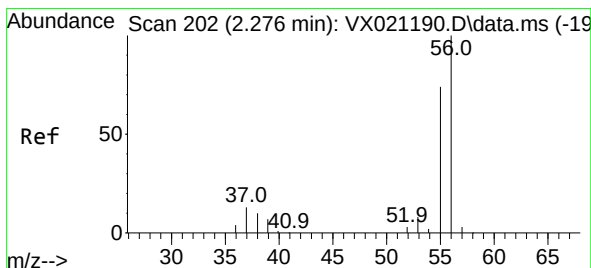
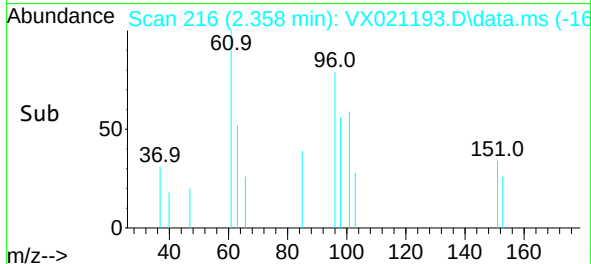
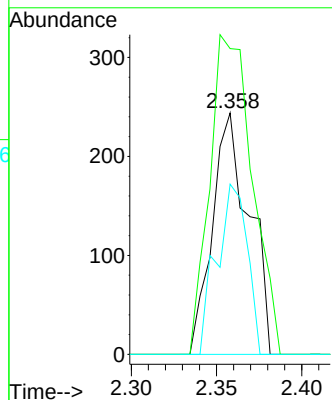
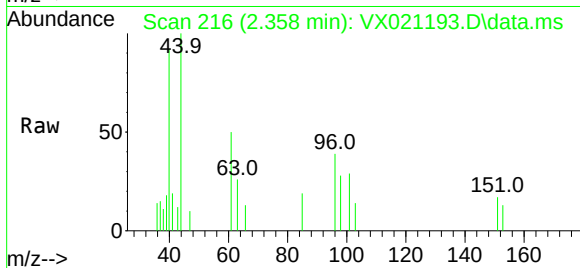
Delta R.T. 0.006 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

Tgt Ion: 96 Resp: 365

Ion	Ratio	Lower	Upper
96	100		
61	126.6	124.6	187.0
98	70.5	50.6	76.0



#13

Acrolein

Concen: 3.04 ug/l

RT: 2.281 min Scan# 203

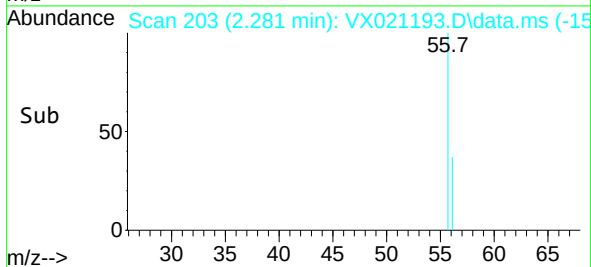
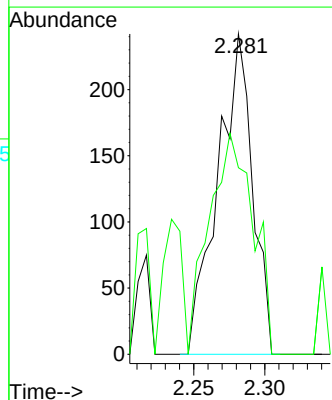
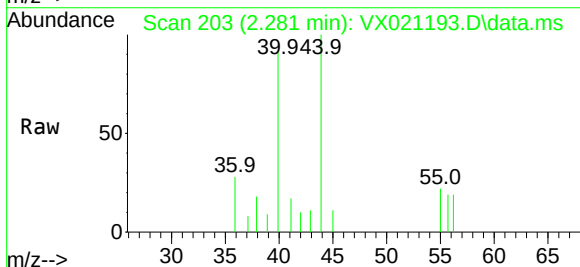
Delta R.T. 0.006 min

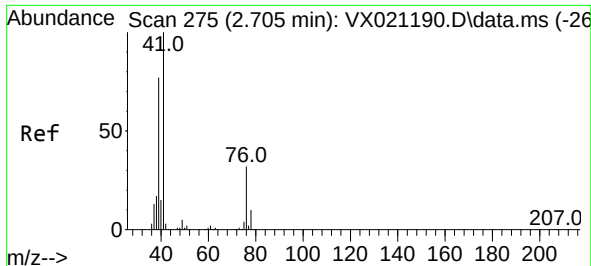
Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

Tgt Ion: 56 Resp: 412

Ion	Ratio	Lower	Upper
56	100		
55	87.9	56.4	84.6#





#14

Allyl chloride

Concen: 0.35 ug/l

RT: 2.705 min Scan# 275

Delta R.T. -0.000 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

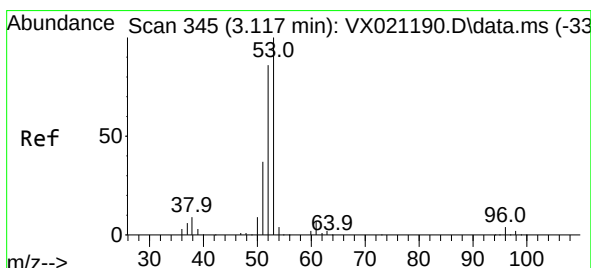
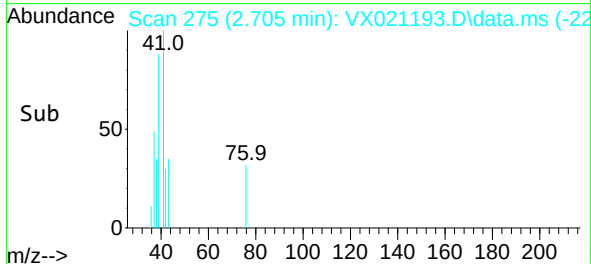
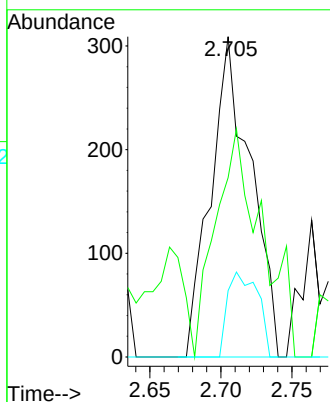
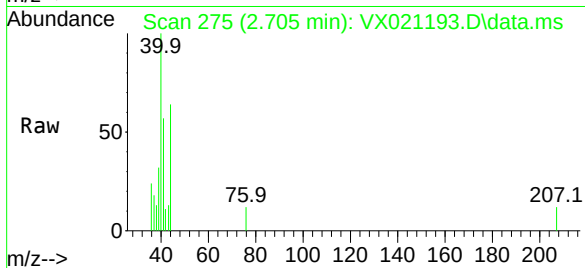
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	41	Resp:	605
Ion	Ratio	Lower	Upper
41	100		
39	82.5	51.6	77.4#
76	0.0	30.5	45.7#



#15

Acrylonitrile

Concen: 1.60 ug/l

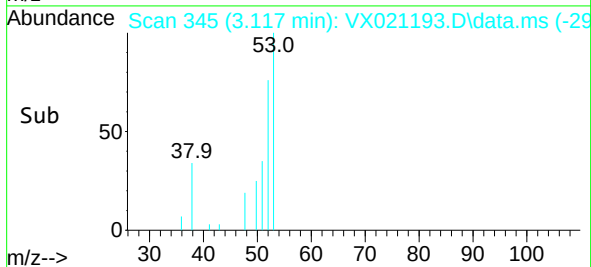
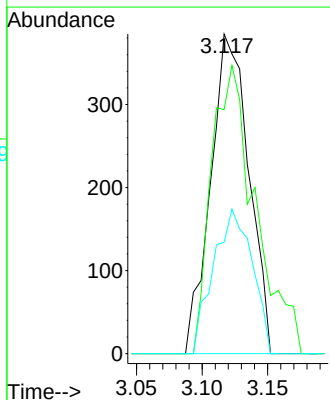
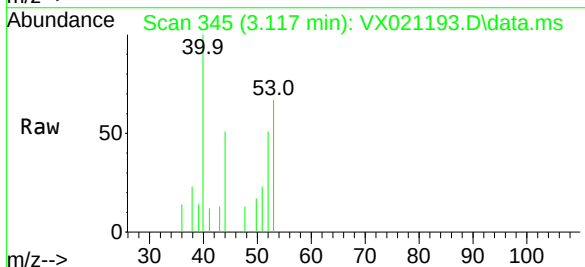
RT: 3.117 min Scan# 345

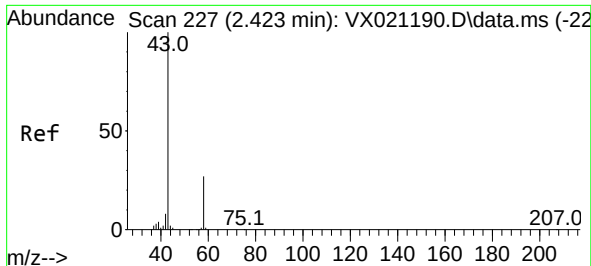
Delta R.T. -0.000 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

Tgt Ion:	53	Resp:	778
Ion	Ratio	Lower	Upper
53	100		
52	103.5	65.3	97.9#
51	46.0	28.2	42.2#

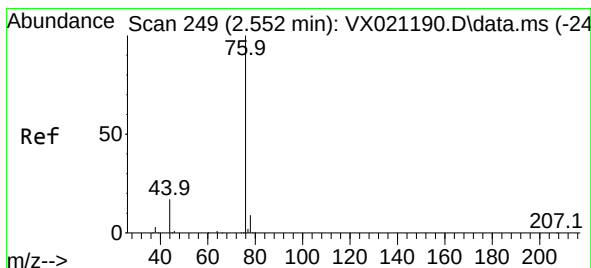
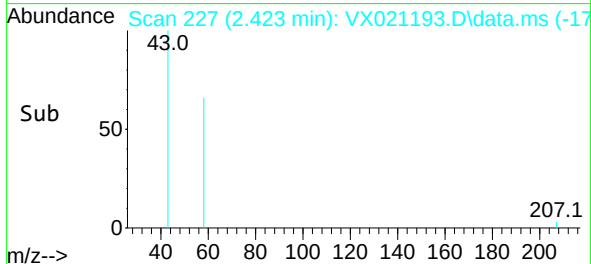
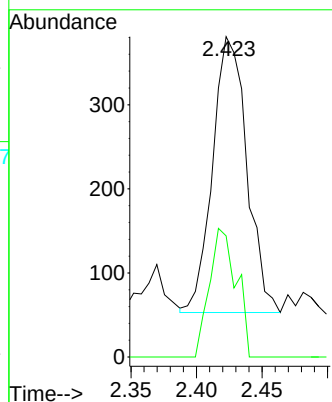
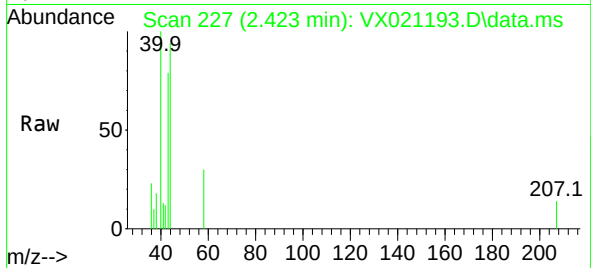




#16
Acetone
Concen: 1.17 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

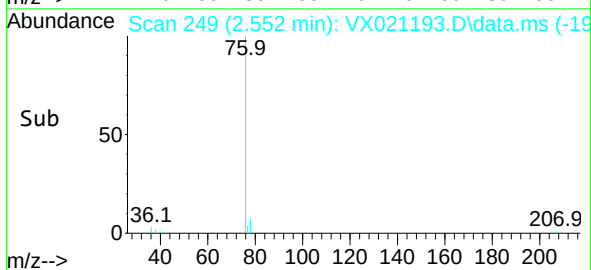
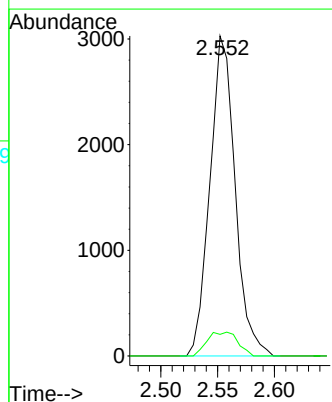
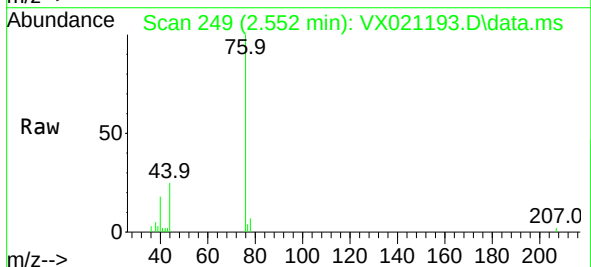
Instrument :
MSVOA_X
ClientSampleID :
IBLK

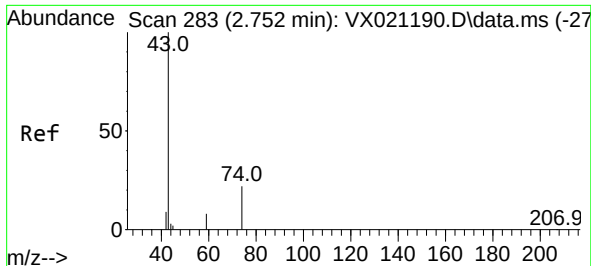
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
58 43.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 1.98 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

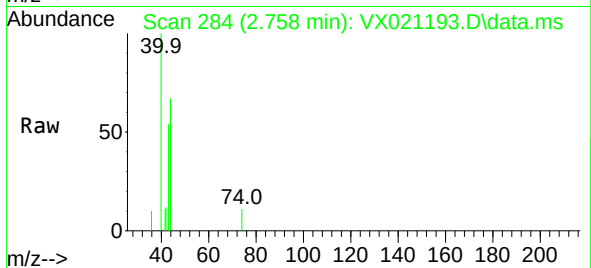
Tgt Ion: 76 Resp: 4679
Ion Ratio Lower Upper
76 100
78 6.8 7.2 10.8#



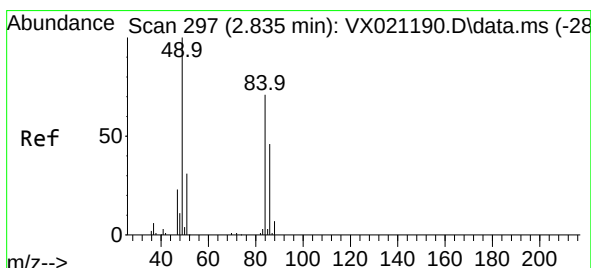
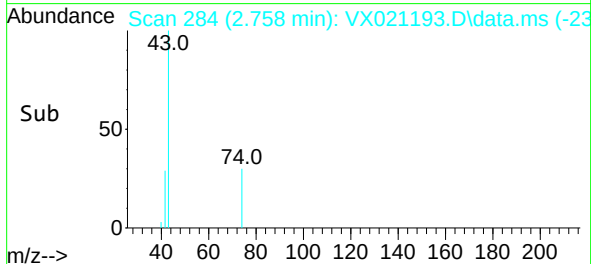
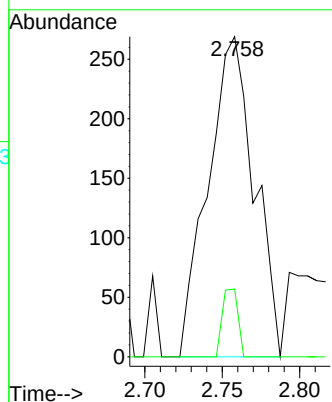


#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Instrument :
MSVOA_X
ClientSampleId :
IBLK

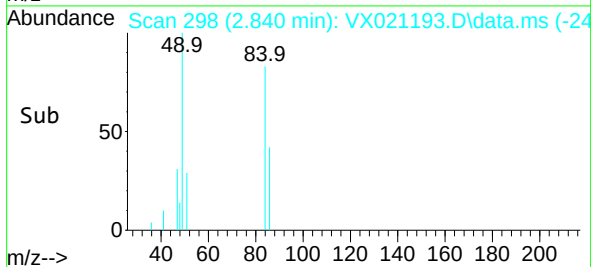
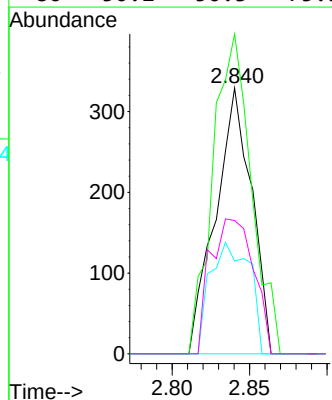
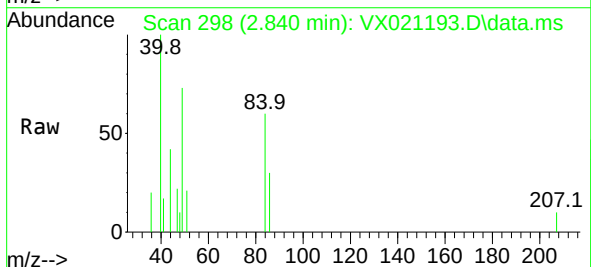


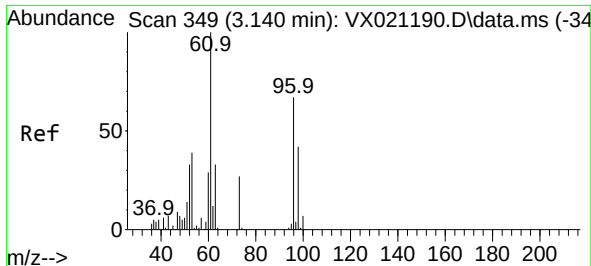
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
74 7.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.55 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 84 Resp: 531
Ion Ratio Lower Upper
84 100
49 120.4 88.6 132.8
51 35.0 27.0 40.6
86 50.2 50.3 75.5#

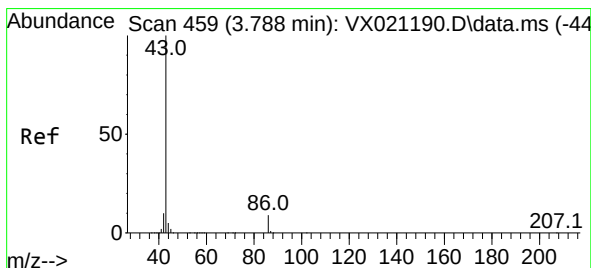
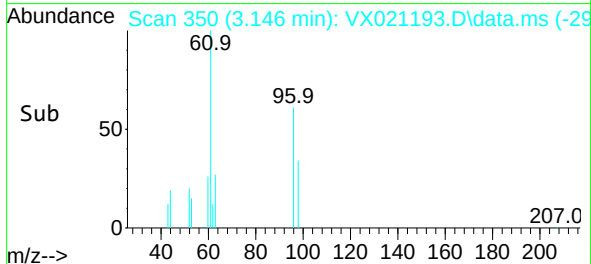
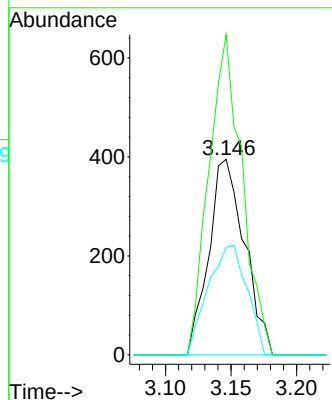
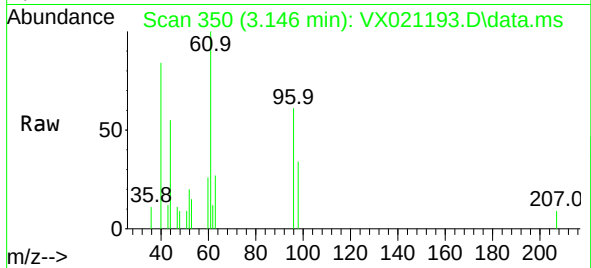




#21
trans-1,2-Dichloroethene
Concen: 0.86 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

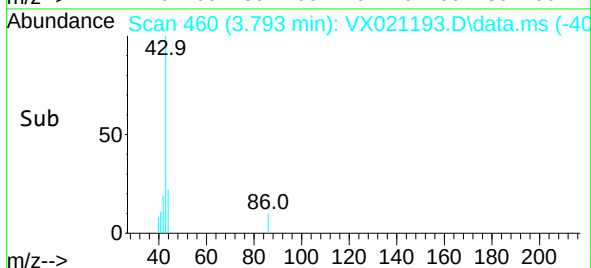
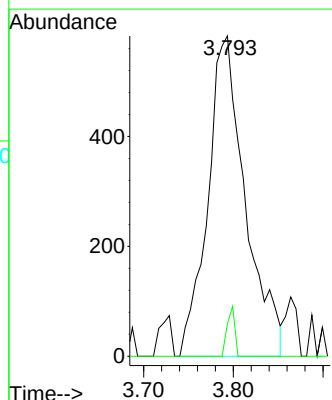
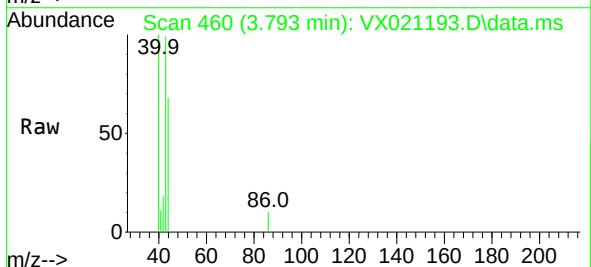
Instrument :
MSVOA_X
ClientSampled :
IBLK

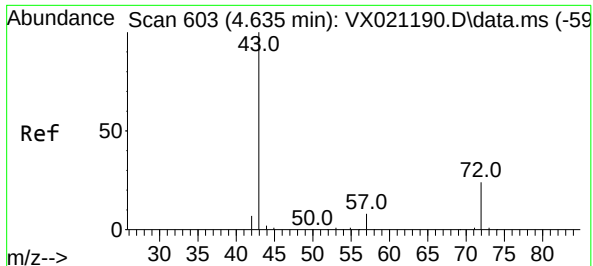
Tgt Ion: 96 Resp: 751
Ion Ratio Lower Upper
96 100
61 163.8 107.7 161.5#
98 54.9 50.4 75.6



#23
Vinyl Acetate
Concen: 0.61 ug/l
RT: 3.793 min Scan# 460
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
86 10.1 9.9 14.9

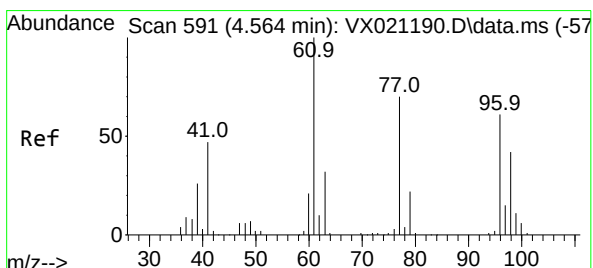
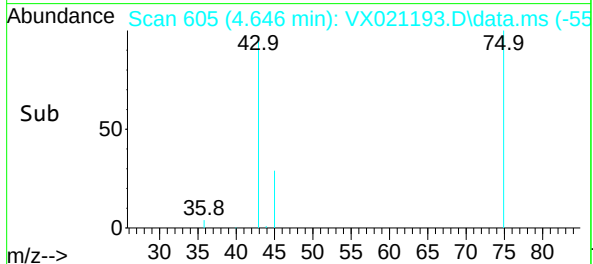
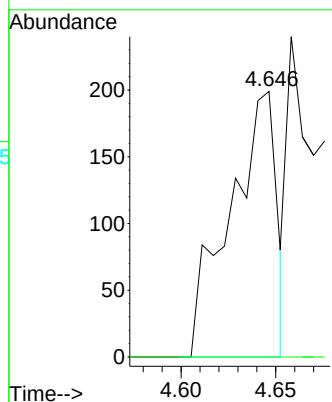
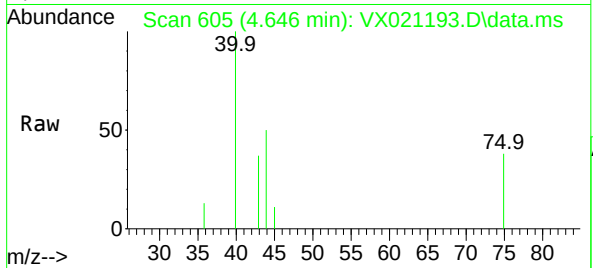




#25
2-Butanone
Concen: 0.47 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

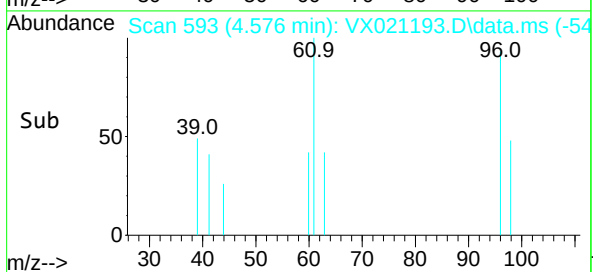
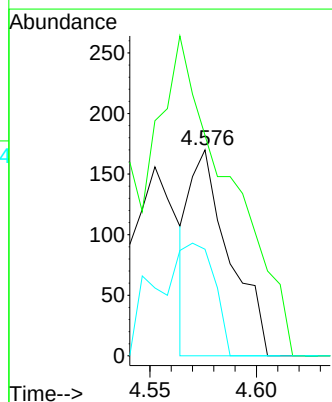
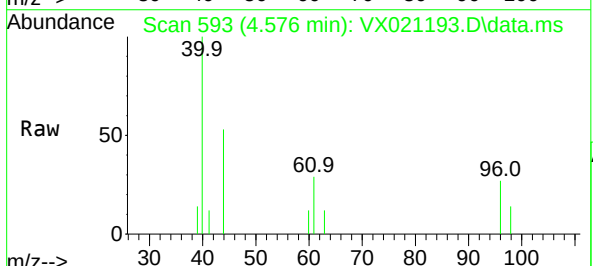
Instrument :
MSVOA_X
ClientSampled :
IBLK

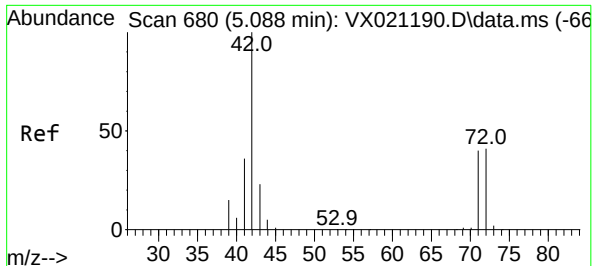
Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.576 min Scan# 593
Delta R.T. 0.012 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 96 Resp: 220
Ion Ratio Lower Upper
96 100
61 378.2 0.0 285.6#
98 79.5 0.0 129.6





#29

Tetrahydrofuran

Concen: 1.23 ug/l

RT: 5.117 min Scan# 685

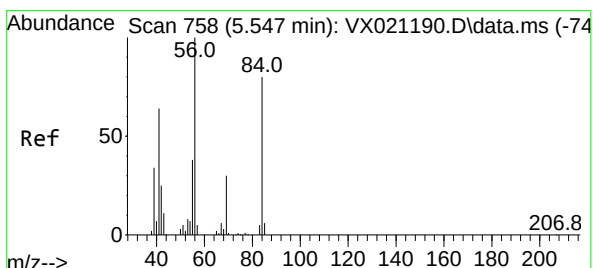
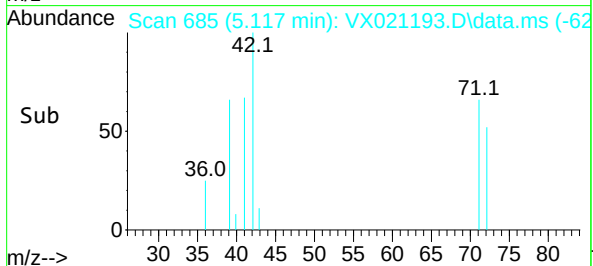
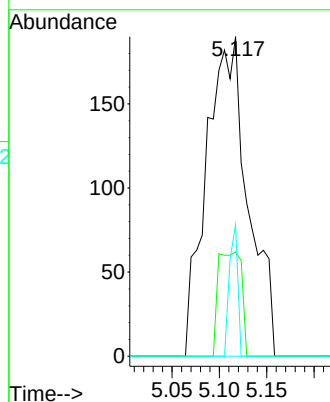
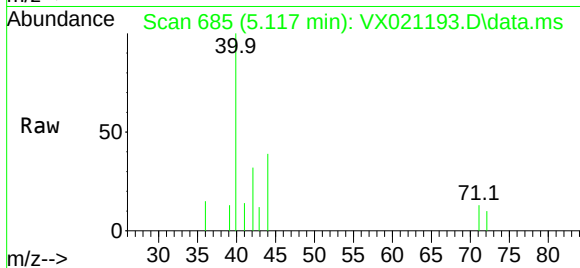
Delta R.T. 0.029 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

Tgt Ion:	42	Resp:	581
Ion	Ratio	Lower	Upper
42	100		
72	18.2	41.7	62.5#
71	8.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
IBLK



#31

Cyclohexane

Concen: 0.33 ug/l

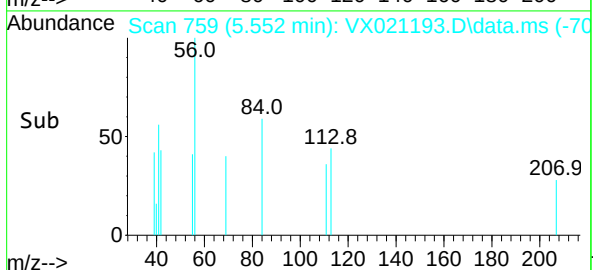
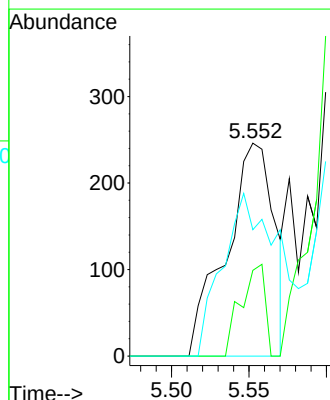
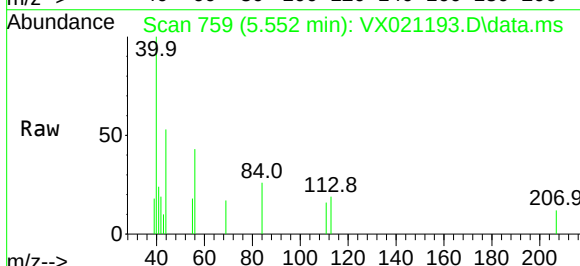
RT: 5.552 min Scan# 759

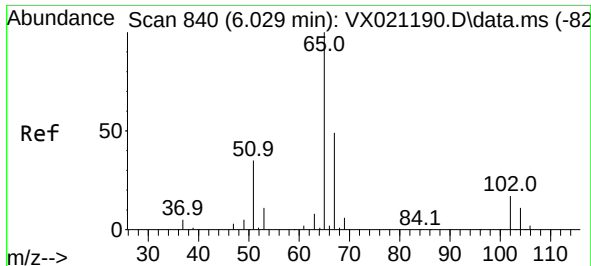
Delta R.T. 0.006 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

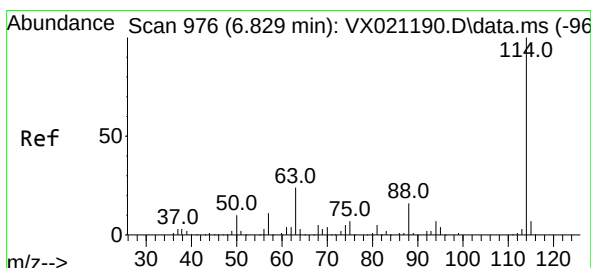
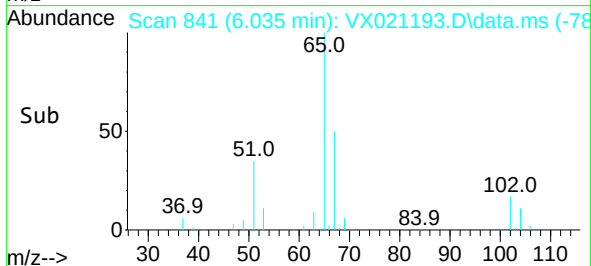
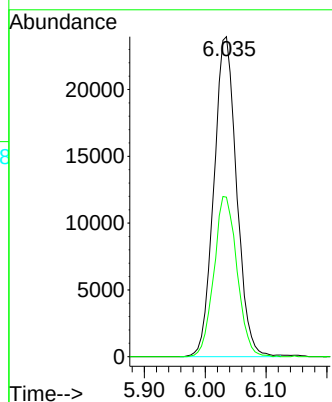
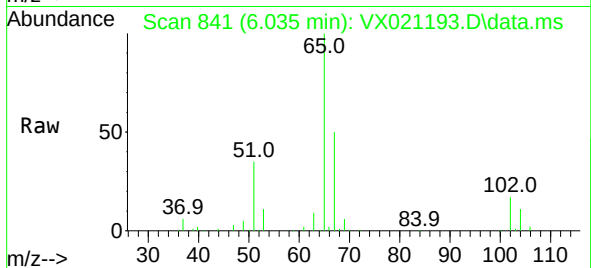
Tgt Ion:	56	Resp:	532
Ion	Ratio	Lower	Upper
56	100		
69	40.2	25.3	37.9#
84	59.3	71.4	107.0#





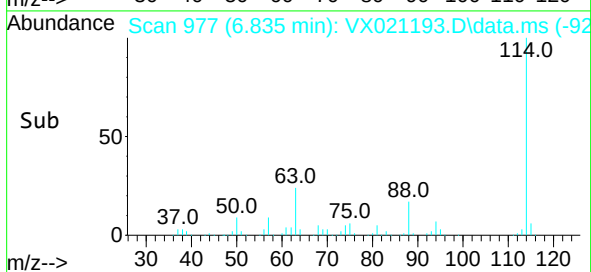
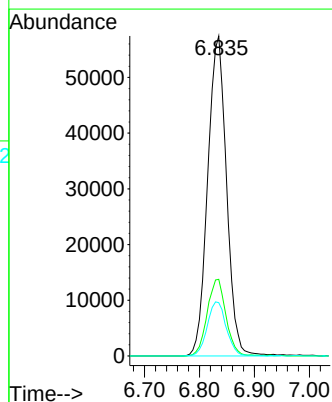
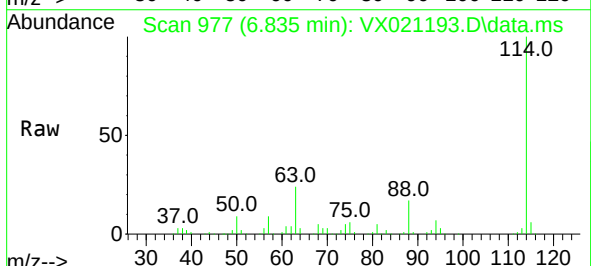
#33
1,2-Dichloroethane-d4
Concen: 49.10 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 65 Resp: 62121
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

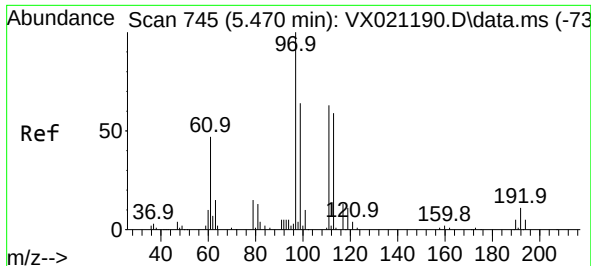


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 114 Resp: 136835
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 16.7 0.0 32.8



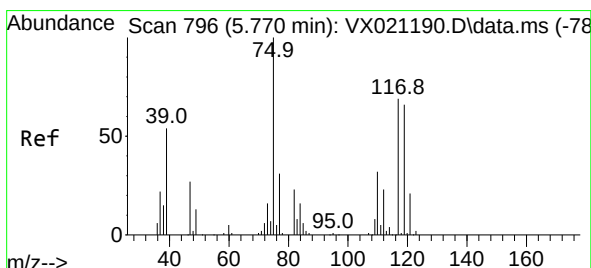
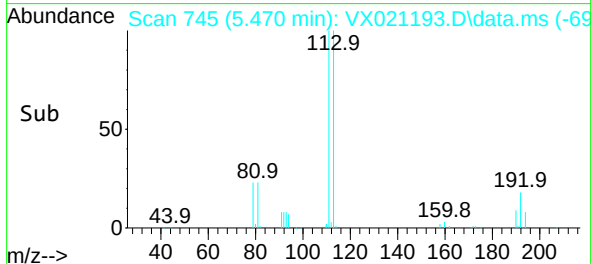
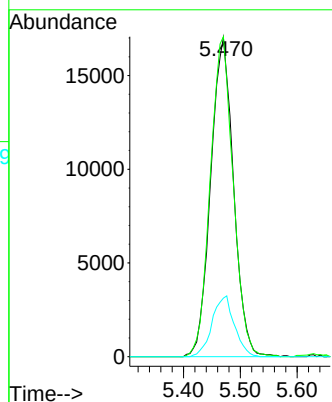
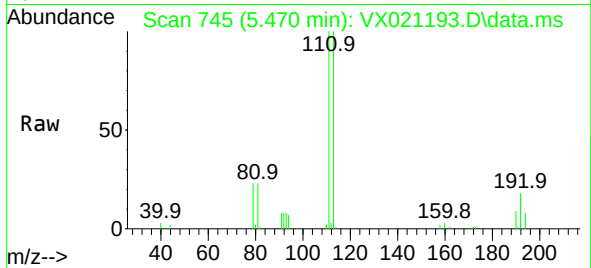
Instrument :
MSVOA_X
ClientSampleId :
IBLK



#35
Dibromofluoromethane
Concen: 50.43 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

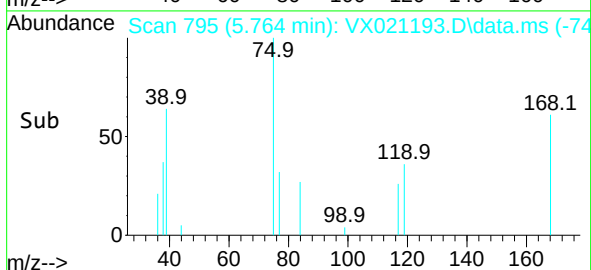
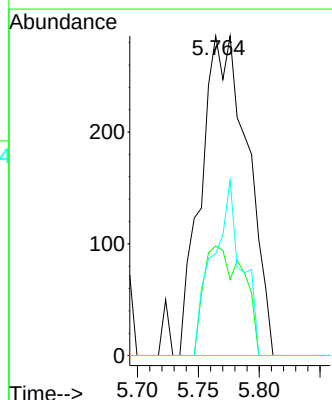
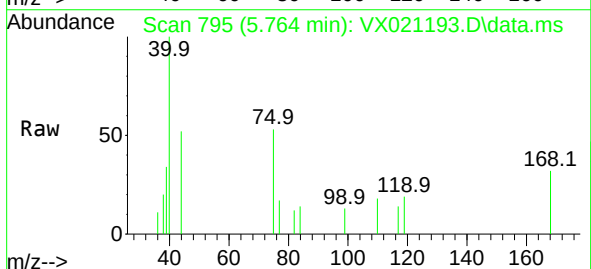
Instrument :
MSVOA_X
ClientSampled :
IBLK

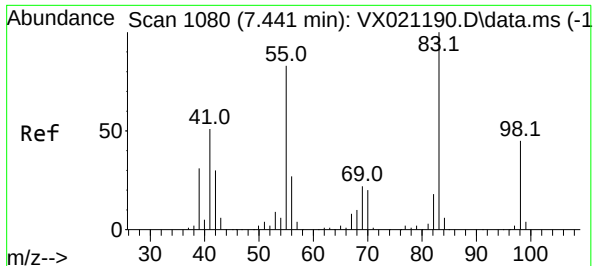
Tgt Ion:	113	Resp:	47476
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.9	122.9
192	18.6	16.7	25.1



#36
1,1-Dichloropropene
Concen: 0.53 ug/l
RT: 5.764 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion:	75	Resp:	760
Ion	Ratio	Lower	Upper
75	100		
110	28.9	18.1	54.4
77	34.1	25.3	37.9





#39

Methylcyclohexane

Concen: 0.56 ug/l

RT: 7.447 min Scan# 1081

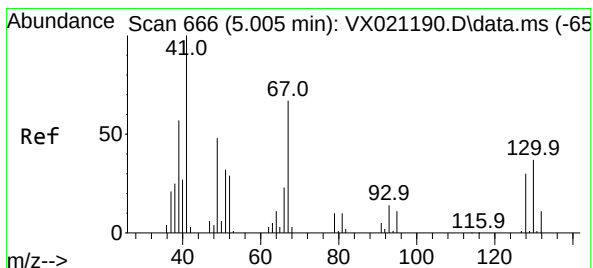
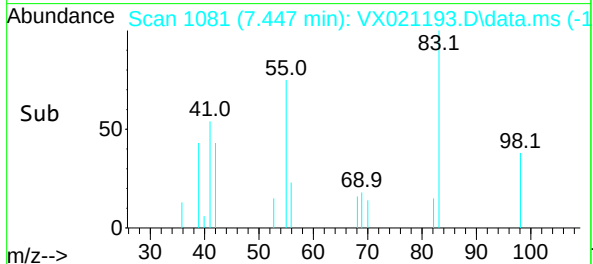
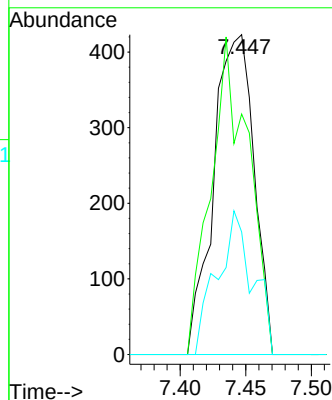
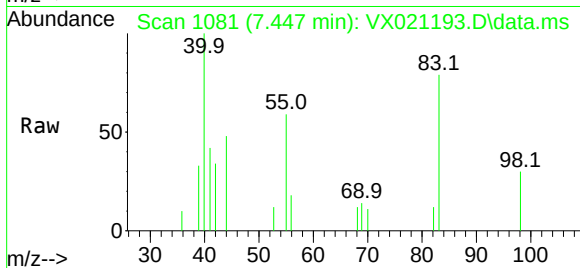
Delta R.T. 0.006 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

Tgt Ion: 83 Resp: 908

Ion	Ratio	Lower	Upper
83	100		
55	75.2	58.9	88.3
98	38.3	38.1	57.1



#41

Methacrylonitrile

Concen: 0.23 ug/l

RT: 5.011 min Scan# 667

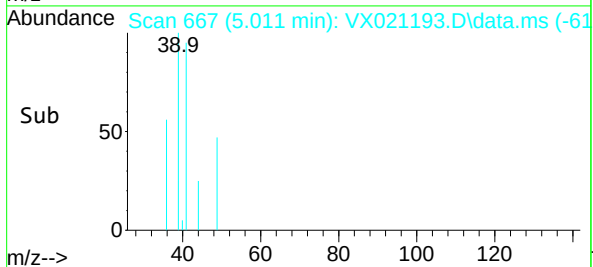
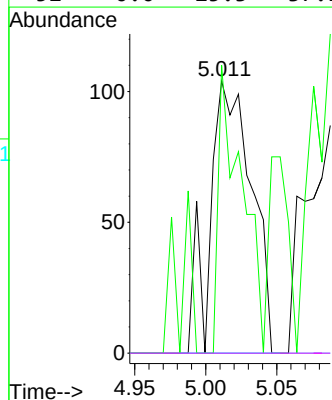
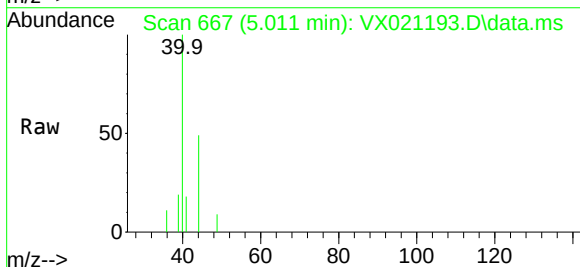
Delta R.T. 0.006 min

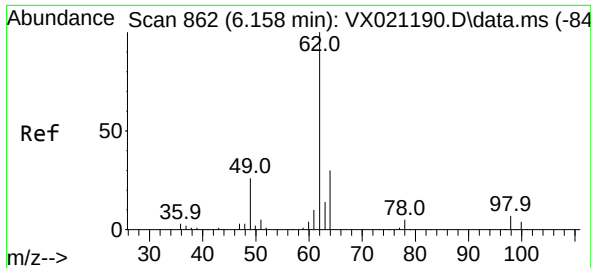
Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

Tgt Ion: 41 Resp: 214

Ion	Ratio	Lower	Upper
41	100		
39	59.3	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#





#42

1,2-Dichloroethane

Concen: 0.26 ug/l

RT: 6.170 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX021193.D

Acq: 15 Mar 2021 11:50

Tgt Ion: 62 Resp: 446

Ion Ratio Lower Upper

62 100

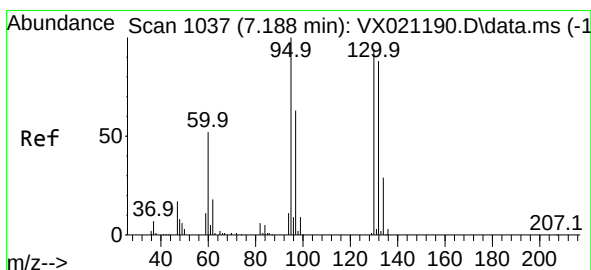
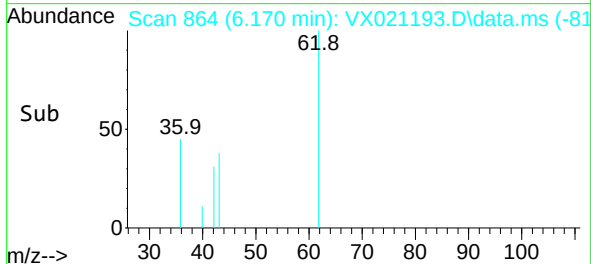
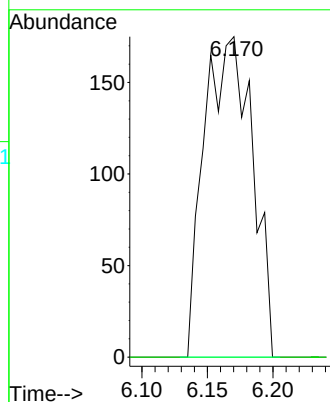
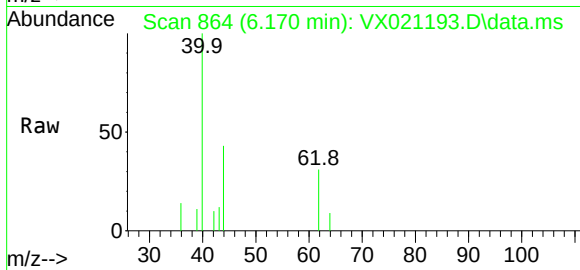
98 0.0 0.0 20.2

Instrument :

MSVOA_X

ClientSampled :

IBLK



#44

Trichloroethene

Concen: 0.52 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VX021193.D

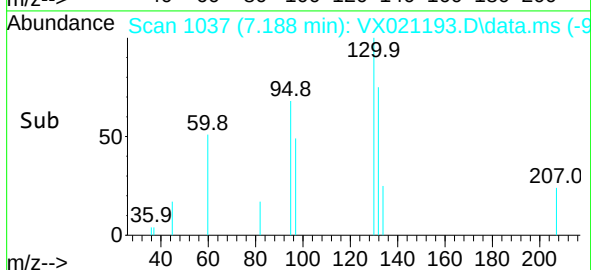
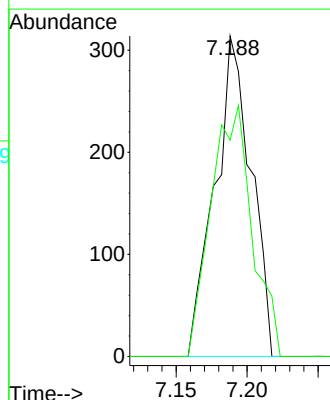
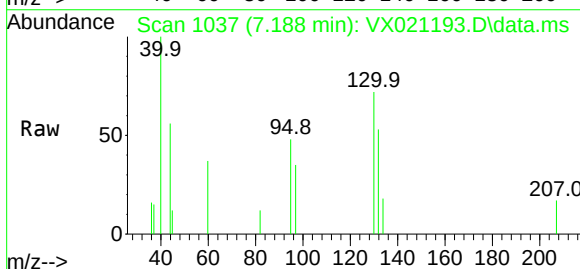
Acq: 15 Mar 2021 11:50

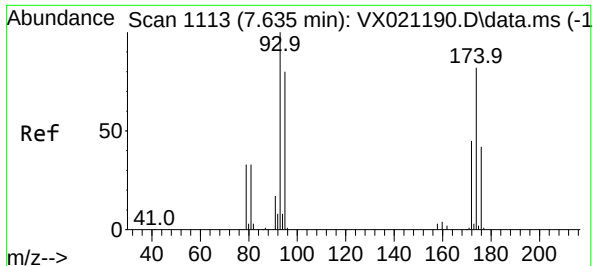
Tgt Ion:130 Resp: 557

Ion Ratio Lower Upper

130 100

95 67.5 0.0 198.0

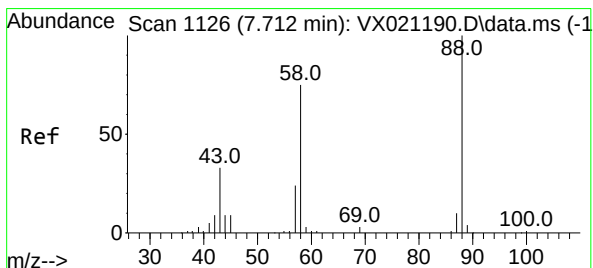
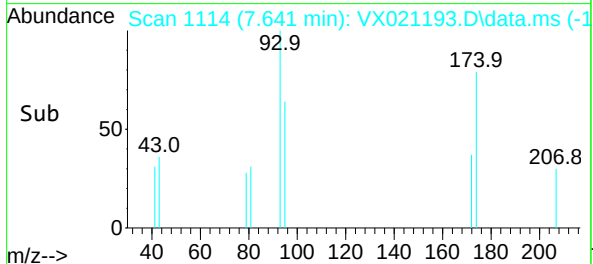
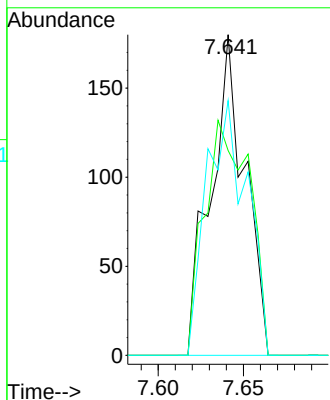
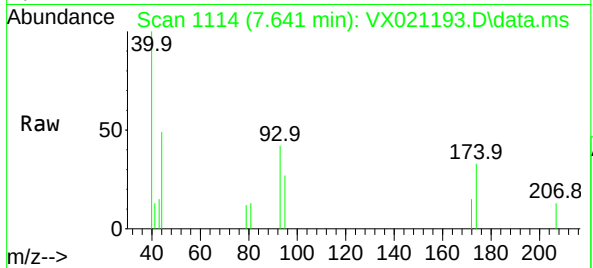




#46
Dibromomethane
Concen: 0.33 ug/l
RT: 7.641 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

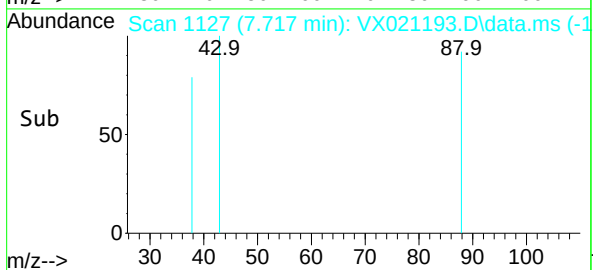
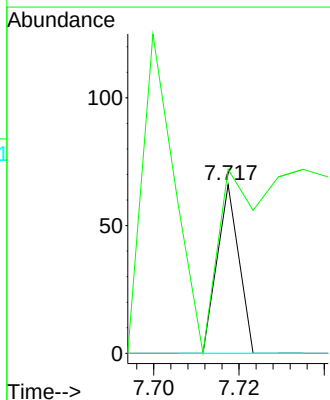
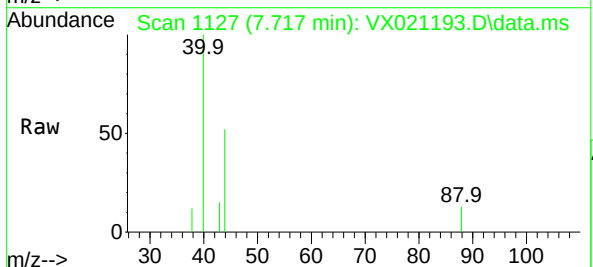
Instrument :
MSVOA_X
ClientSampled :
IBLK

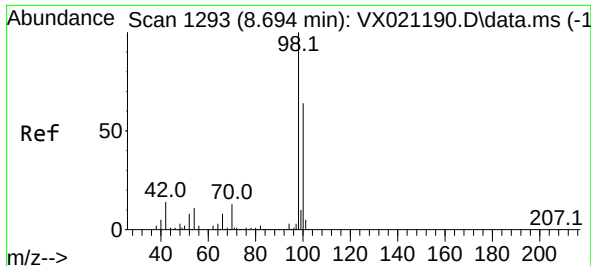
Tgt Ion: 93 Resp: 250
Ion Ratio Lower Upper
93 100
95 96.8 66.8 100.2
174 94.8 83.1 124.7



#49
1,4-Dioxane
Concen: 1.00 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 517.4 23.2 34.8#
58 0.0 55.0 82.4#

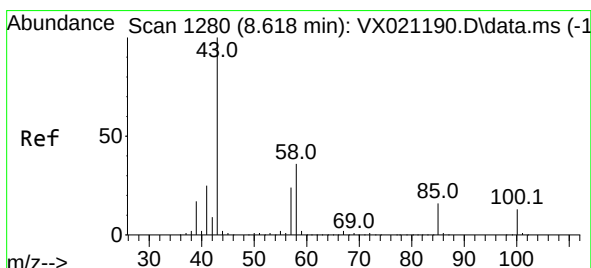
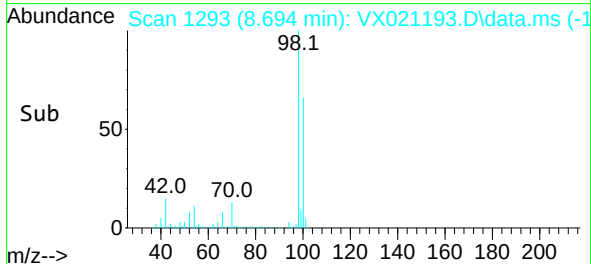
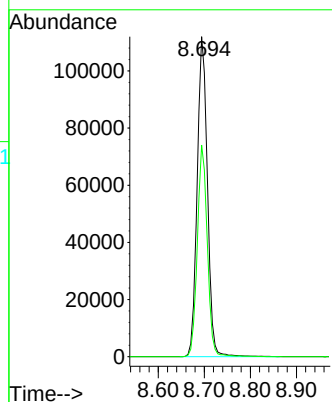
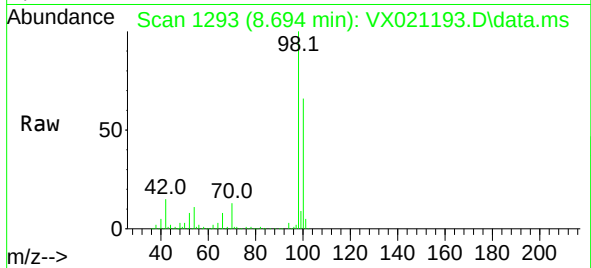




#50
Toluene-d8
Concen: 51.08 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

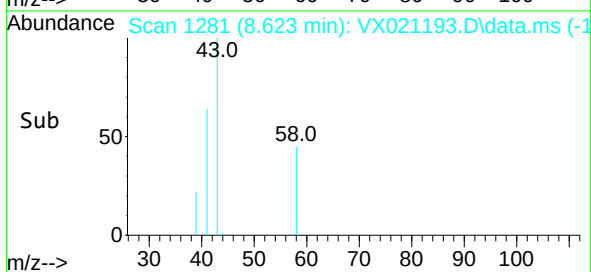
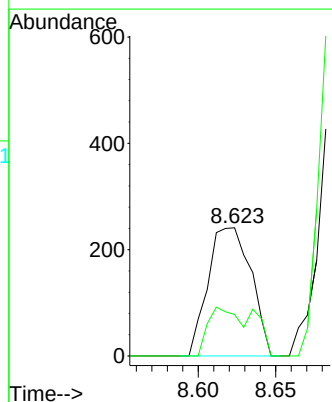
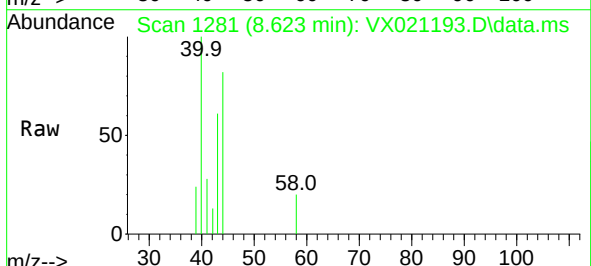
Instrument :
MSVOA_X
ClientSampled :
IBLK

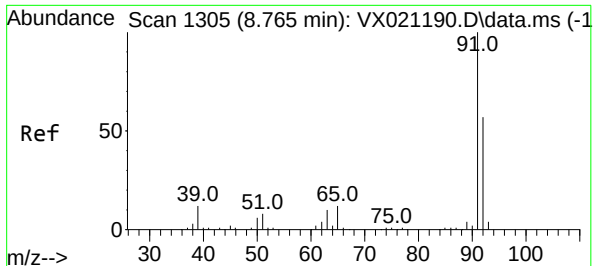
Tgt Ion: 98 Resp: 172747
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.31 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
58 39.7 35.4 53.0

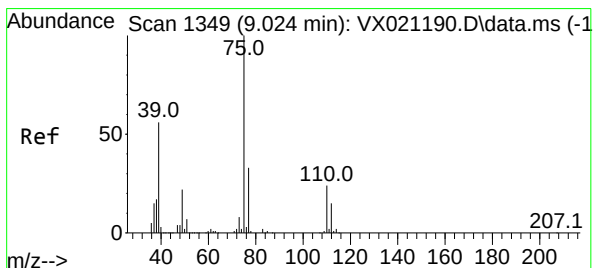
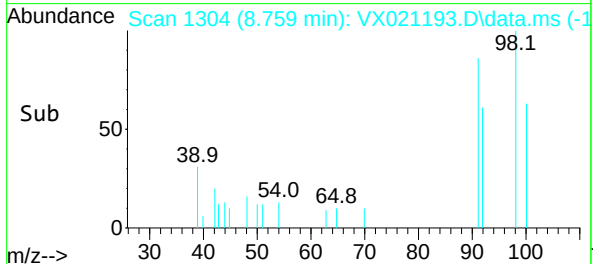
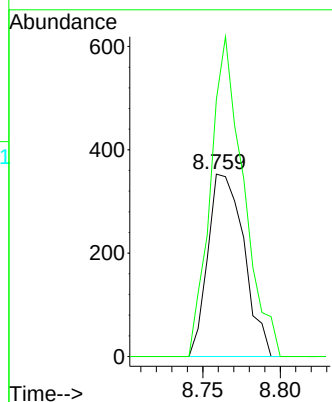
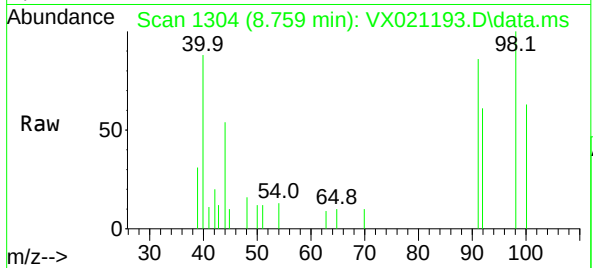




#52
Toluene
Concen: 0.24 ug/l
RT: 8.759 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

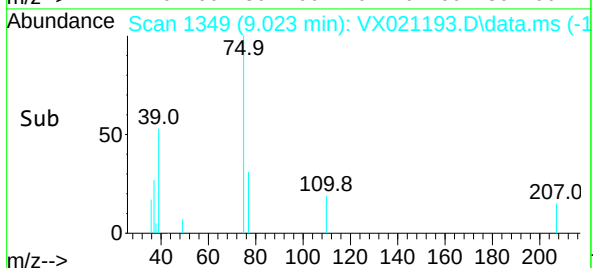
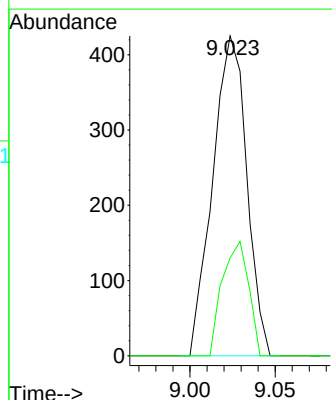
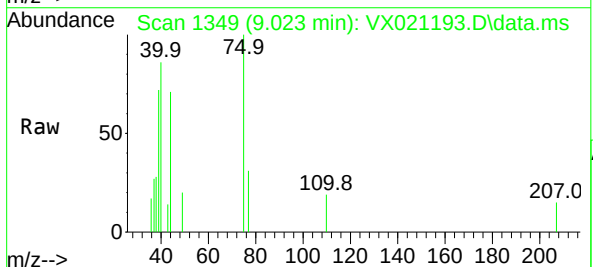
Instrument :
MSVOA_X
ClientSampled :
IBLK

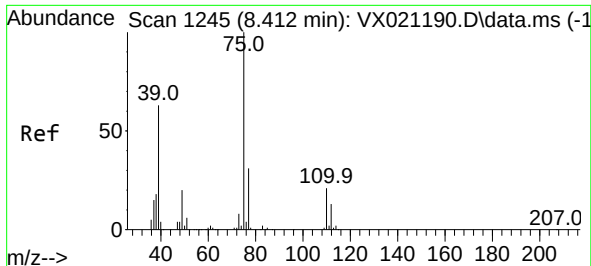
Tgt Ion: 92 Resp: 571
Ion Ratio Lower Upper
92 100
91 160.8 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 0.36 ug/l
RT: 9.023 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 75 Resp: 591
Ion Ratio Lower Upper
75 100
77 30.6 24.9 37.3

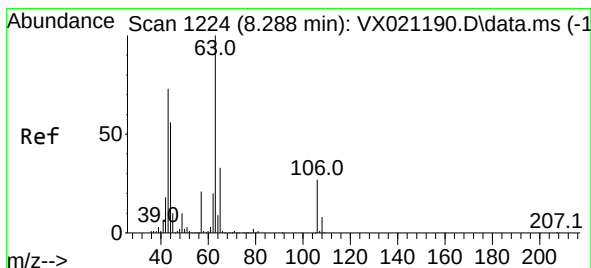
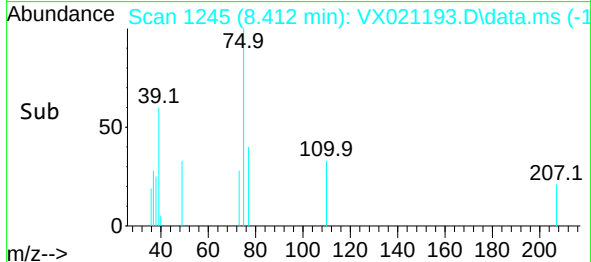
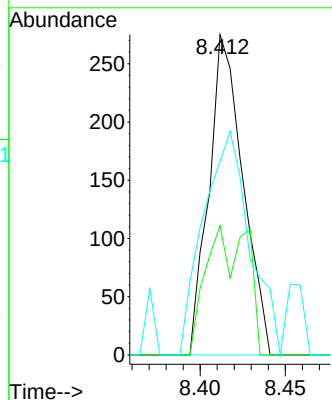
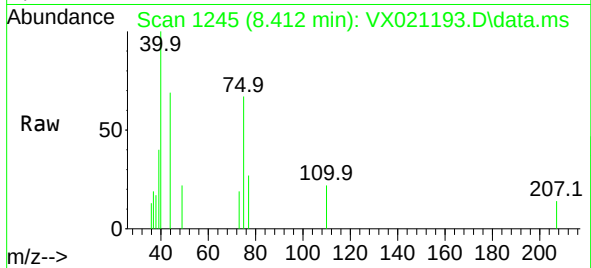




#54
 cis-1,3-Dichloropropene
 Concen: 0.22 ug/l
 RT: 8.412 min Scan# 1245
 Delta R.T. -0.000 min
 Lab File: VX021193.D
 Acq: 15 Mar 2021 11:50

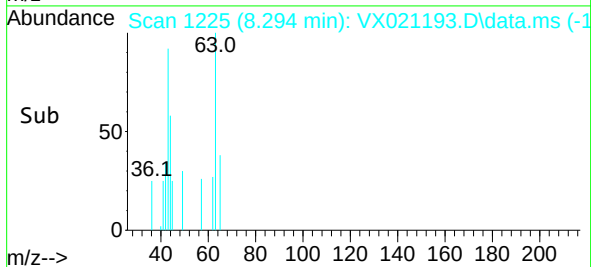
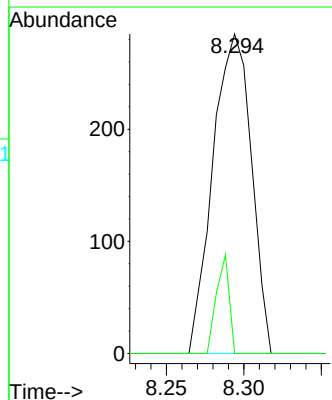
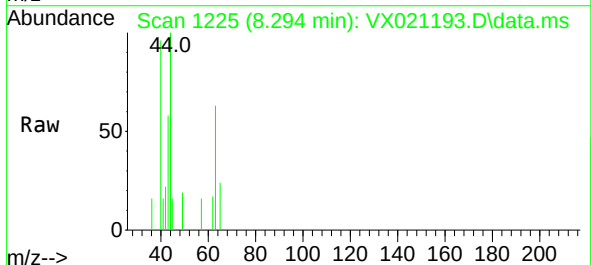
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

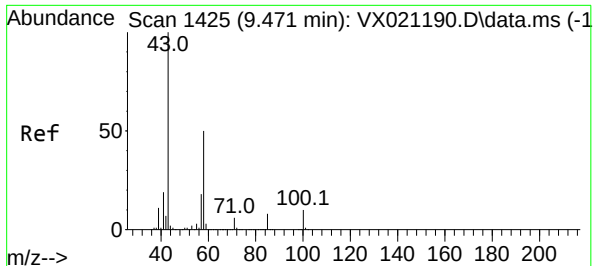
Tgt Ion:	75	Resp:	381
Ion	Ratio	Lower	Upper
75	100		
77	40.4	25.7	38.5#
39	60.4	35.1	52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.63 ug/l
 RT: 8.294 min Scan# 1225
 Delta R.T. 0.006 min
 Lab File: VX021193.D
 Acq: 15 Mar 2021 11:50

Tgt Ion:	63	Resp:	492
Ion	Ratio	Lower	Upper
63	100		
106	10.2	23.5	35.3#

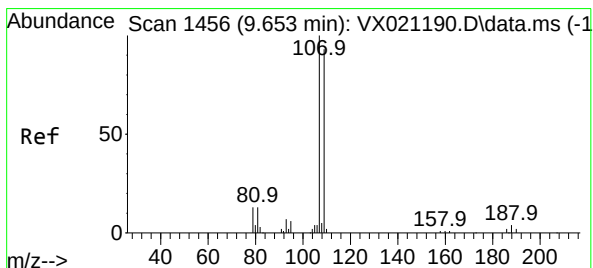
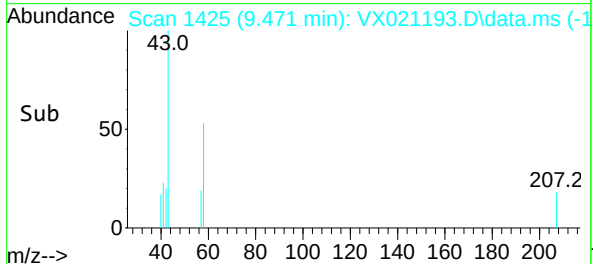
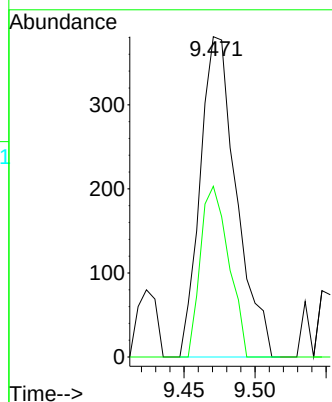
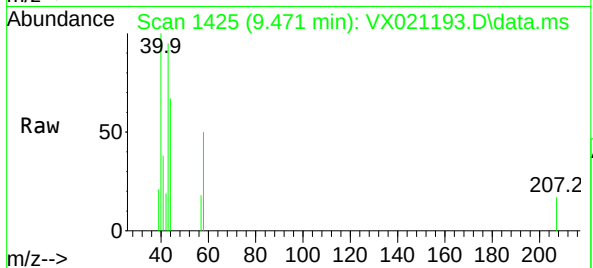




#59
2-Hexanone
Concen: 0.59 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

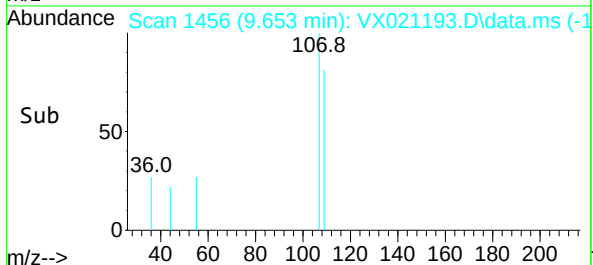
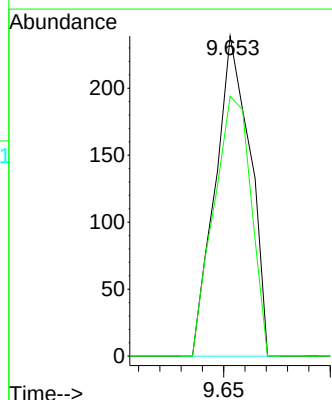
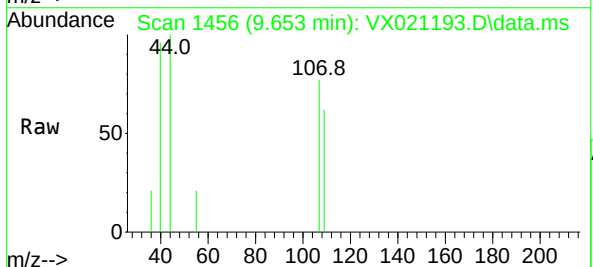
Instrument :
MSVOA_X
ClientSampled :
IBLK

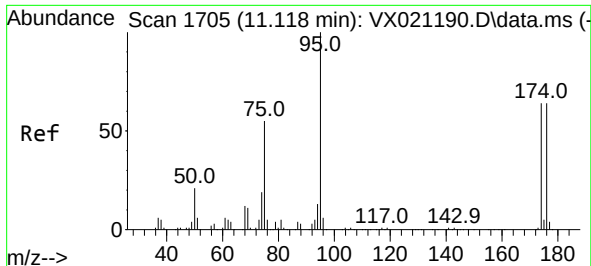
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 41.6 30.9 92.8



#61
1,2-Dibromoethane
Concen: 0.26 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 107 Resp: 271
Ion Ratio Lower Upper
107 100
109 86.7 75.8 113.6

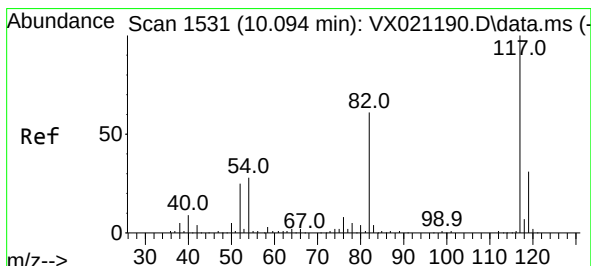
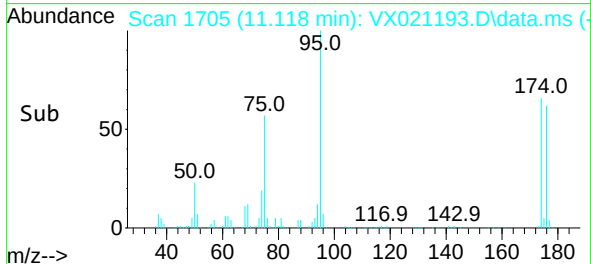
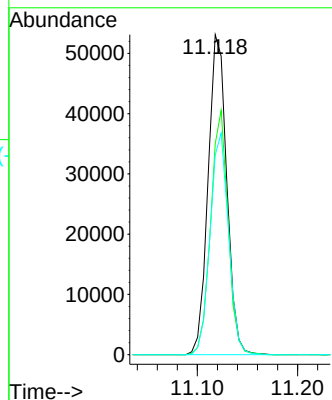
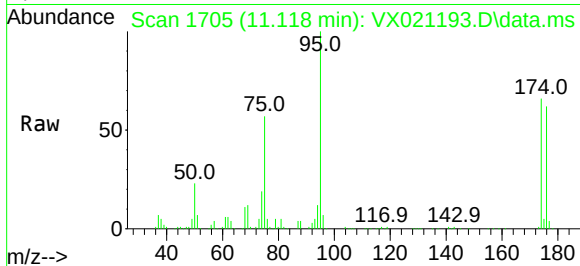




#62
4-Bromofluorobenzene
Concen: 53.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

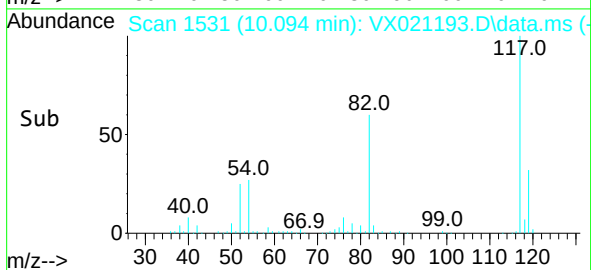
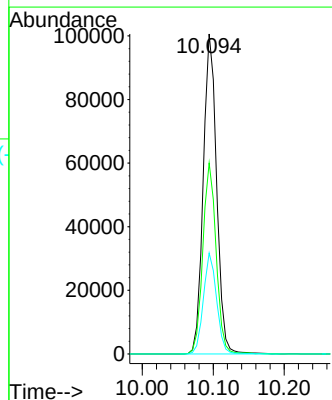
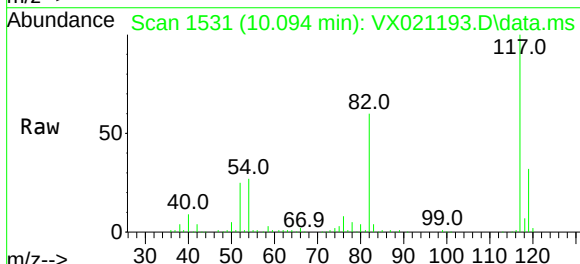
Instrument :
MSVOA_X
ClientSampled :
IBLK

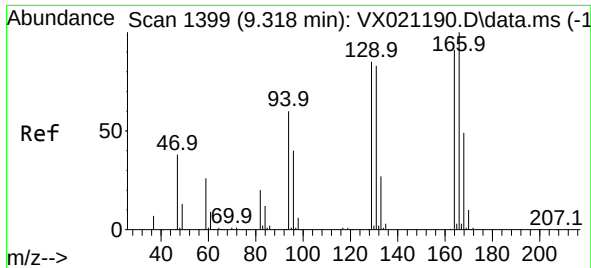
Tgt Ion: 95 Resp: 68707
Ion Ratio Lower Upper
95 100
174 71.3 0.0 154.6
176 68.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 117 Resp: 132325
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.5 26.6 39.8

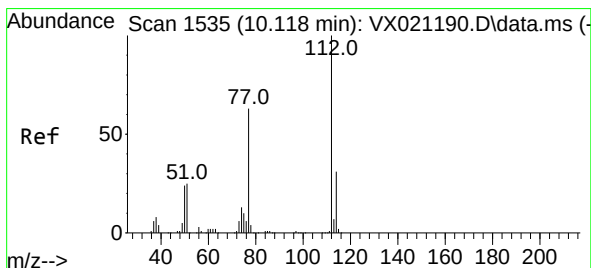
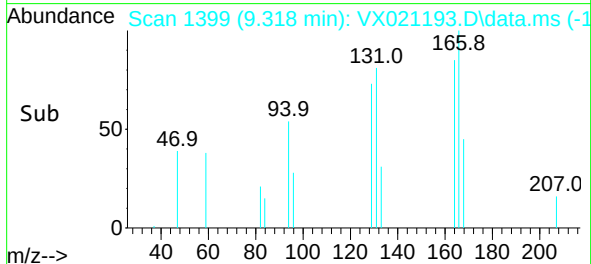
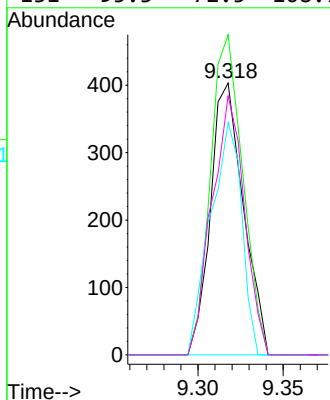
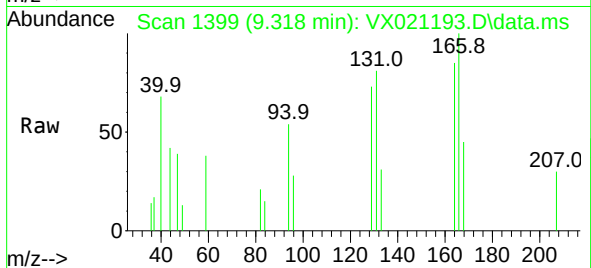




#64
Tetrachloroethene
Concen: 0.47 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

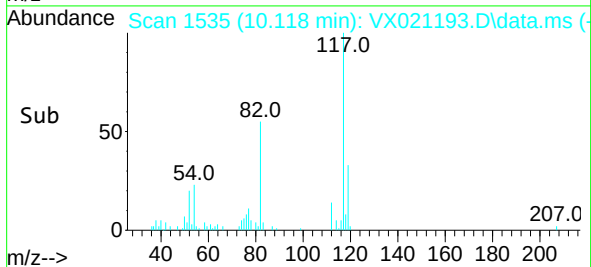
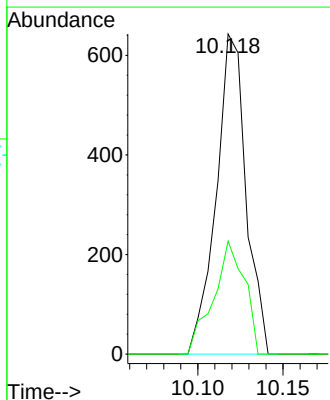
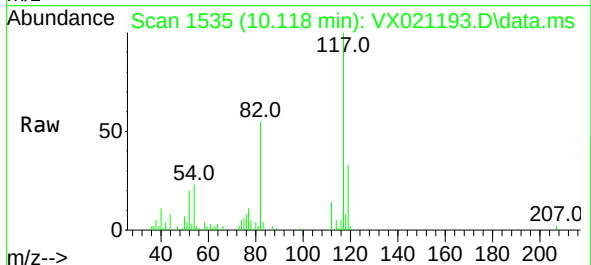
Instrument :
MSVOA_X
ClientSampled :
IBLK

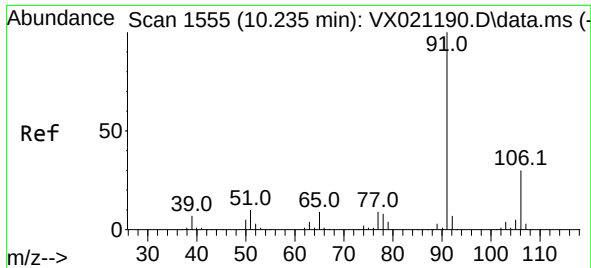
Tgt Ion:164	Resp:	542
Ion	Ratio	Lower Upper
164	100	
166	117.9	103.4 155.2
129	85.6	70.8 106.2
131	95.3	72.5 108.7



#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion:112	Resp:	783
Ion	Ratio	Lower Upper
112	100	
114	35.3	25.8 38.6

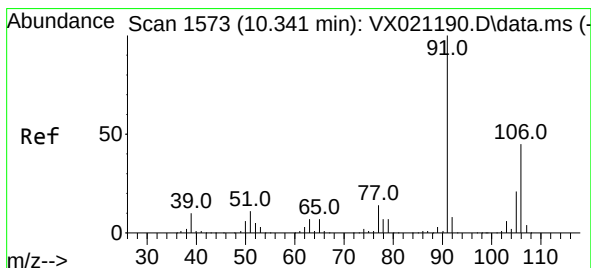
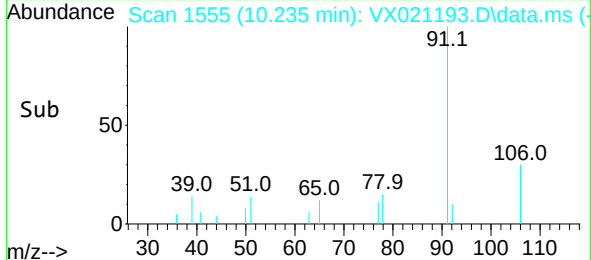
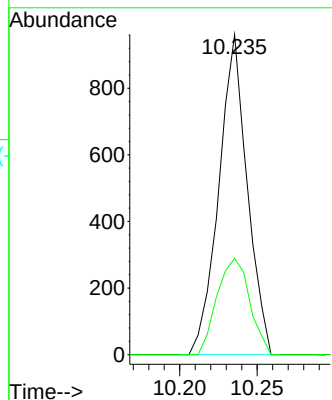
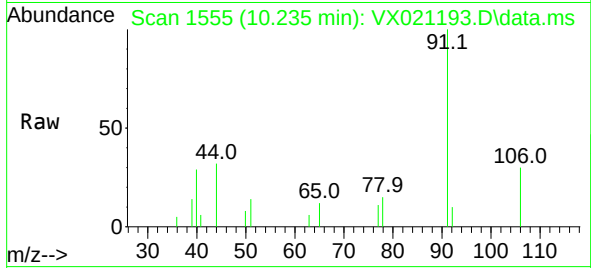




#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

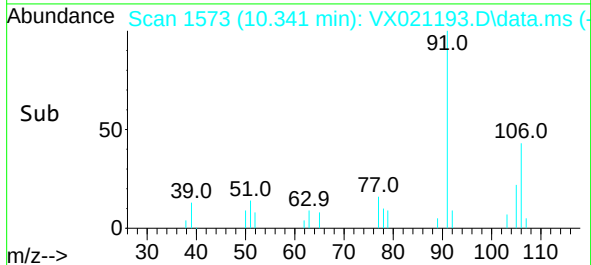
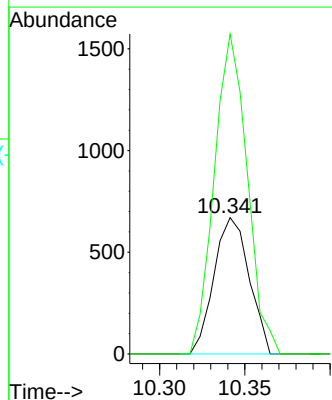
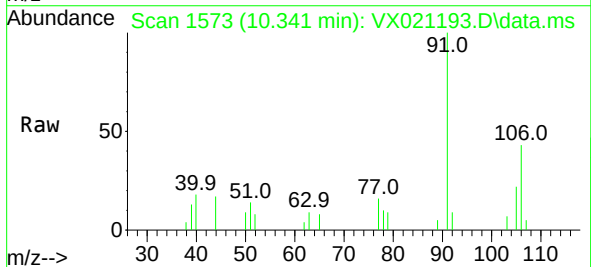
Instrument :
MSVOA_X
ClientSampled :
IBLK

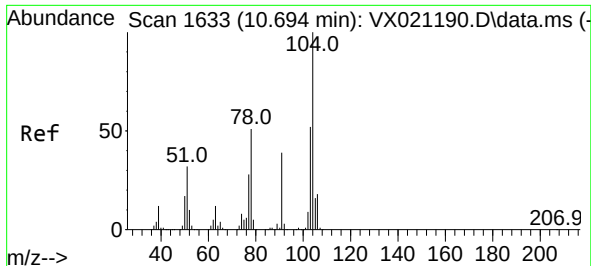
Tgt Ion: 91 Resp: 1223
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0



#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 106 Resp: 963
Ion Ratio Lower Upper
106 100
91 219.2 162.8 244.2

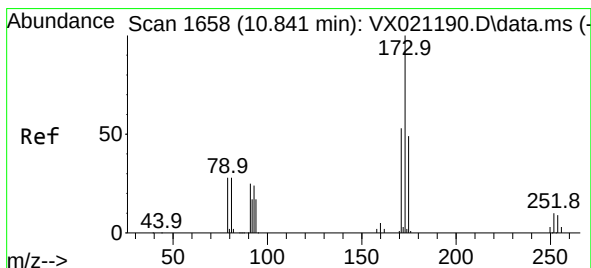
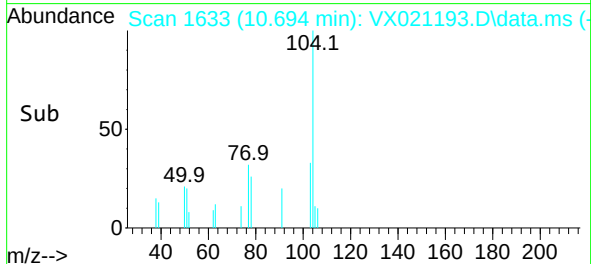
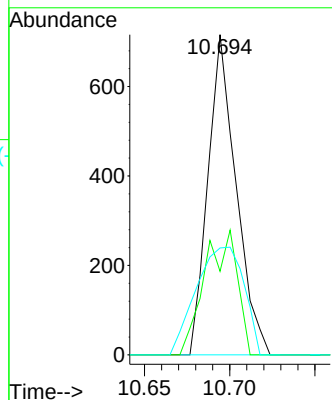
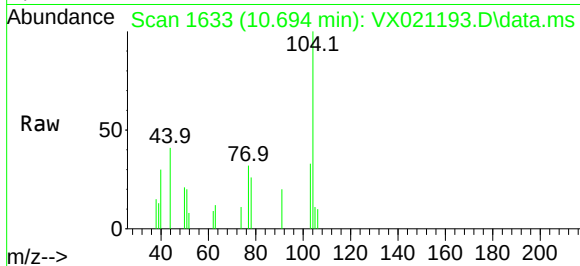




#70
Styrene
Concen: 0.27 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

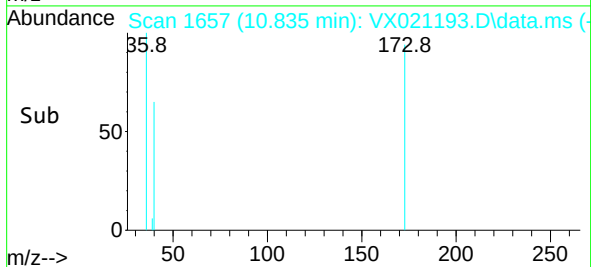
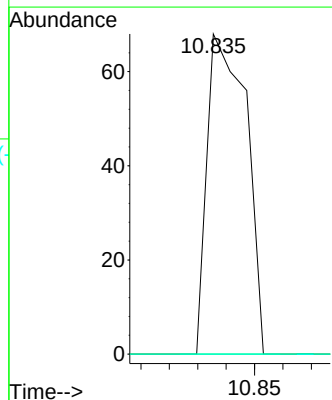
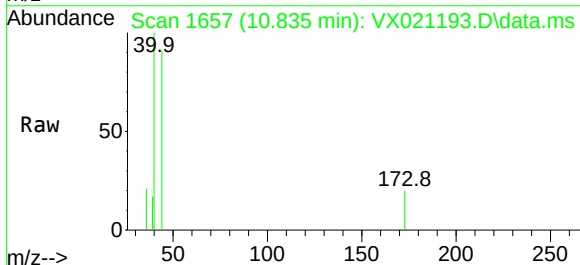
Instrument :
MSVOA_X
ClientSampled :
IBLK

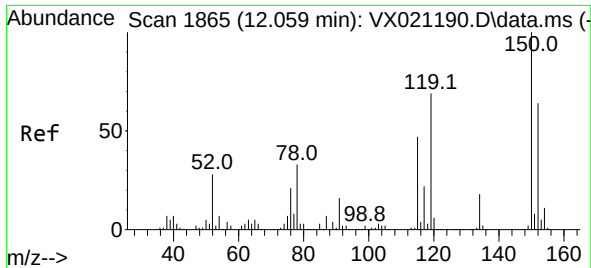
Tgt Ion:	104	Resp:	823
Ion	Ratio	Lower	Upper
104	100		
78	45.0	40.0	60.0
103	57.2	43.4	65.0



#71
Bromoform
Concen: 1.52 ug/l
RT: 10.835 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion:	173	Resp:	65
Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.9	71.8#
254	0.0	0.1	0.1#

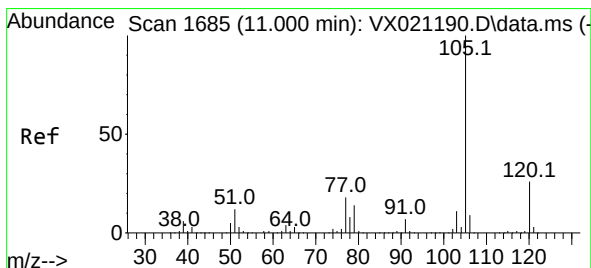
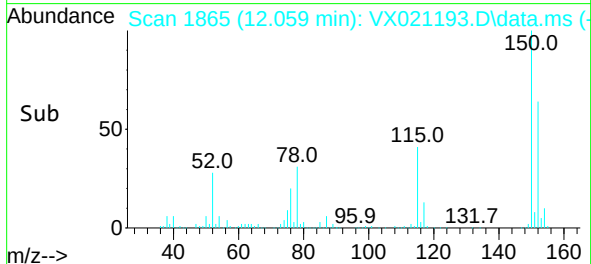
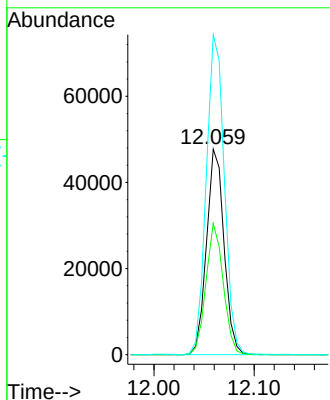
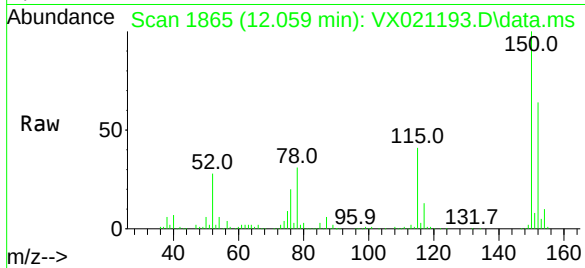




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

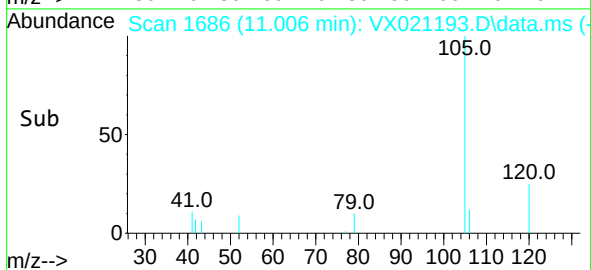
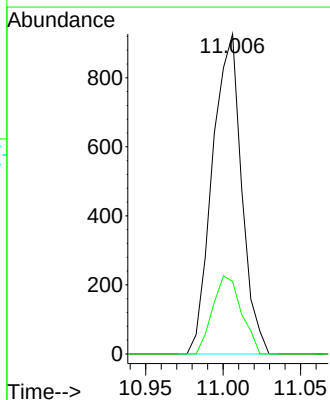
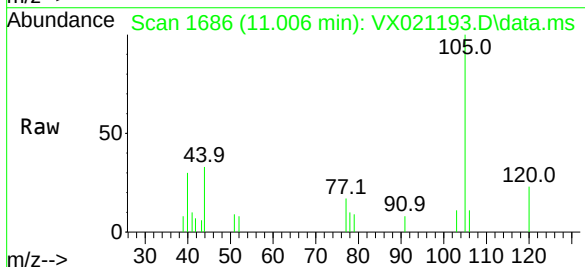
Instrument :
MSVOA_X
ClientSampled :
IBLK

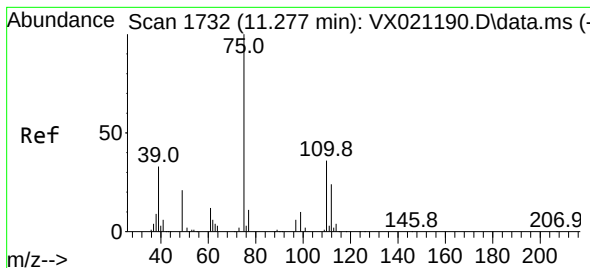
Tgt Ion:152 Resp: 58139
Ion Ratio Lower Upper
152 100
115 63.1 41.1 123.3
150 160.2 0.0 349.0



#73
Isopropylbenzene
Concen: 0.27 ug/l
RT: 11.006 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion:105 Resp: 1213
Ion Ratio Lower Upper
105 100
120 24.0 13.2 39.6

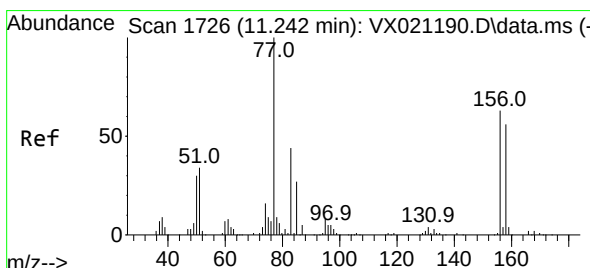
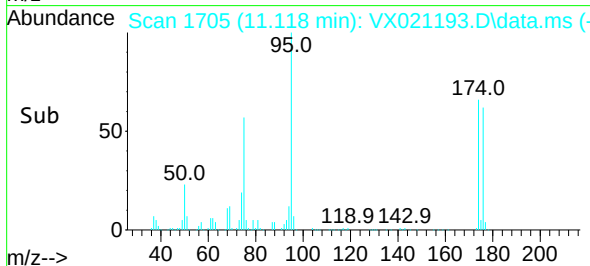
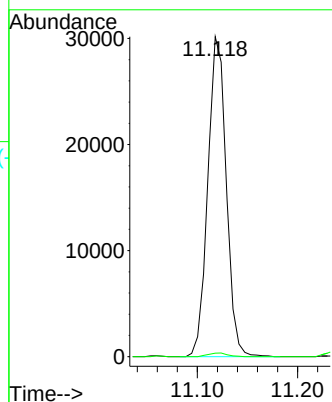
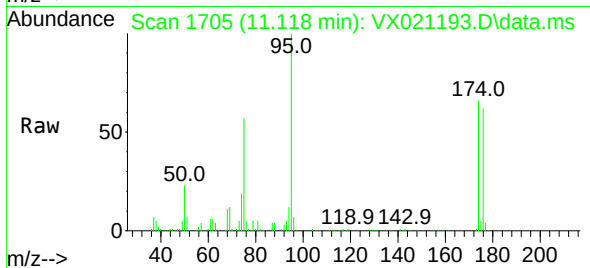




#76
1,2,3-Trichloropropane
Concen: 26.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

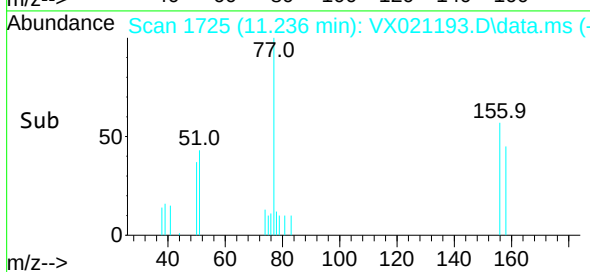
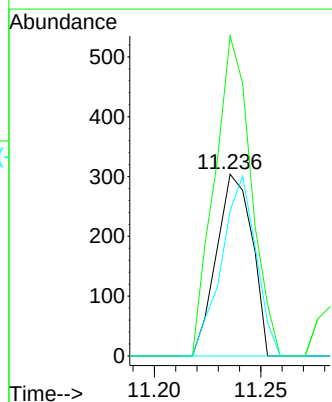
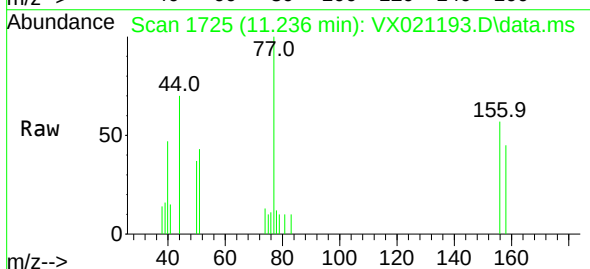
Instrument :
MSVOA_X
ClientSampled :
IBLK

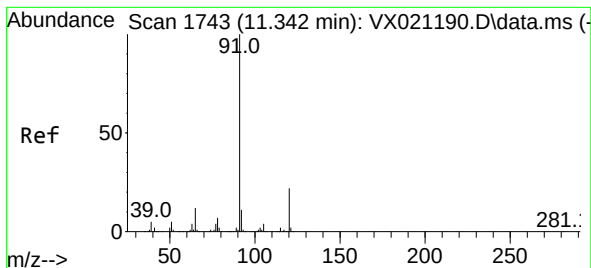
Tgt Ion: 75 Resp: 38647
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#77
Bromobenzene
Concen: 0.33 ug/l
RT: 11.236 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 156 Resp: 354
Ion Ratio Lower Upper
156 100
77 180.5 82.8 248.6
158 95.8 49.1 147.4

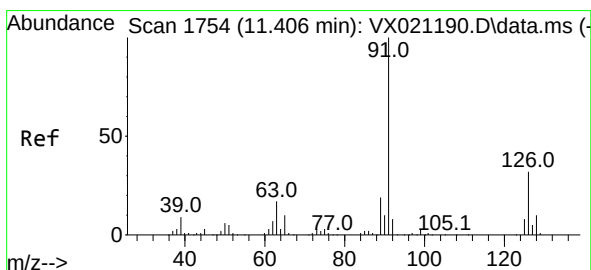
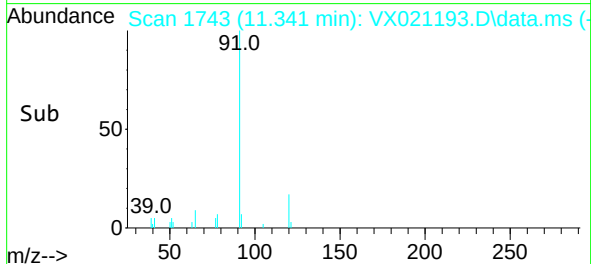
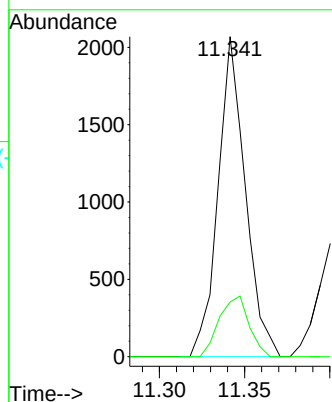
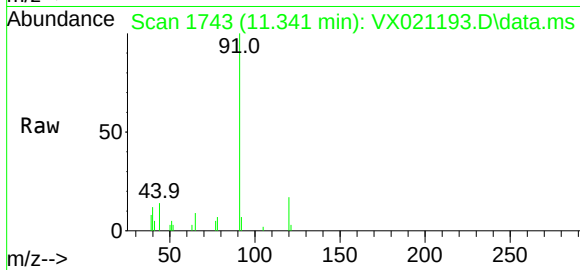




#78
n-propylbenzene
Concen: 0.44 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

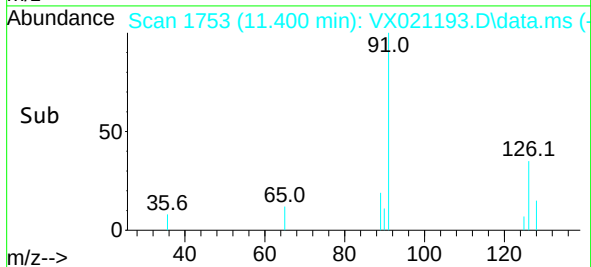
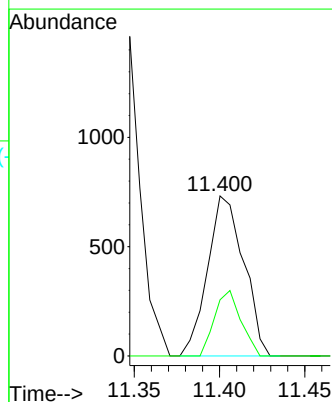
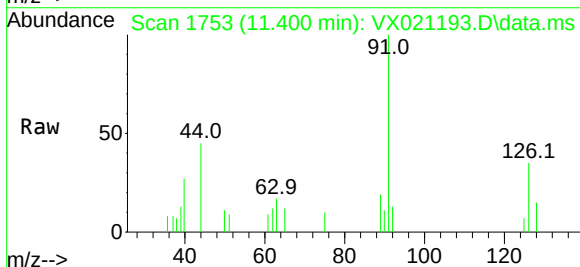
Instrument :
MSVOA_X
ClientSampled :
IBLK

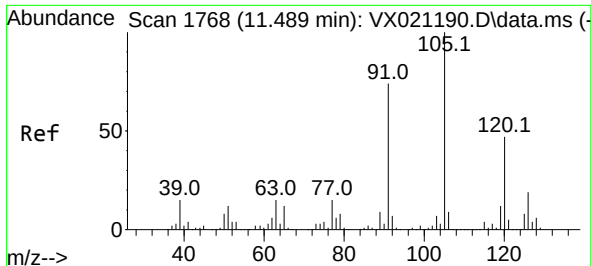
Tgt Ion: 91 Resp: 2301
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.34 ug/l
RT: 11.400 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 91 Resp: 1083
Ion Ratio Lower Upper
91 100
126 29.7 16.6 49.8

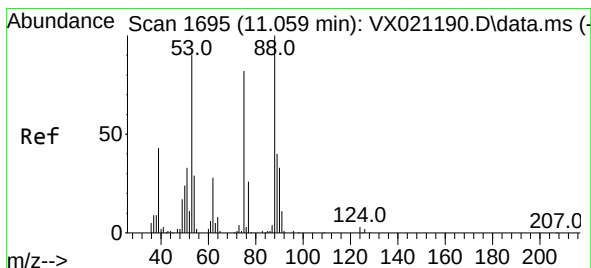
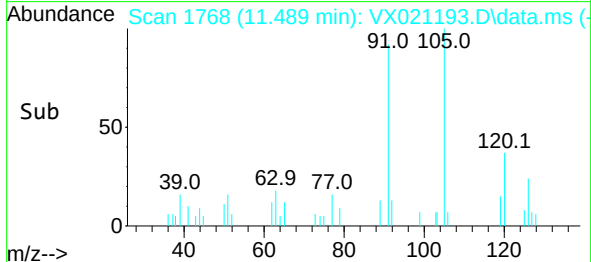
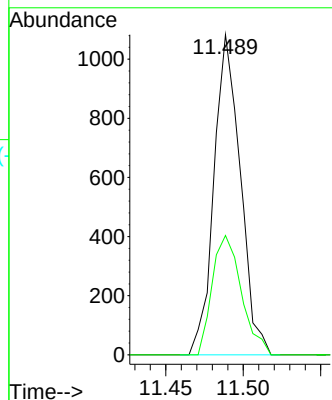
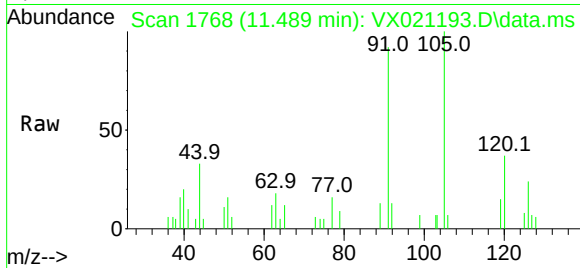




#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

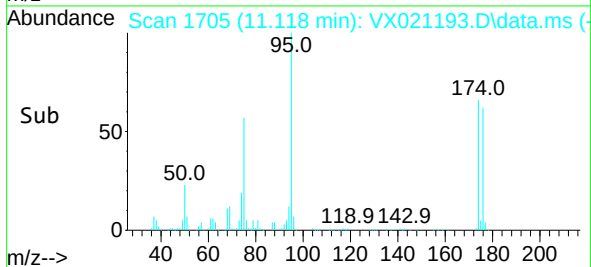
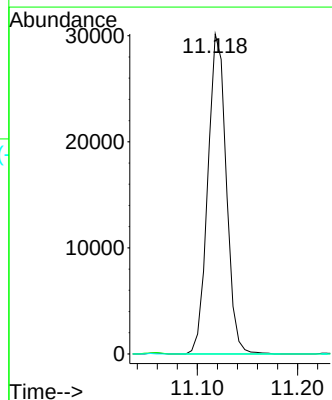
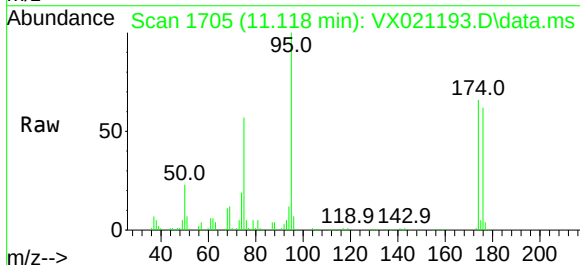
Instrument :
MSVOA_X
ClientSampled :
IBLK

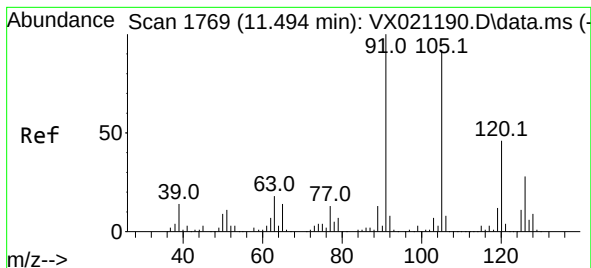
Tgt Ion:105 Resp: 1283
Ion Ratio Lower Upper
105 100
120 41.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 76.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 75 Resp: 38647
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

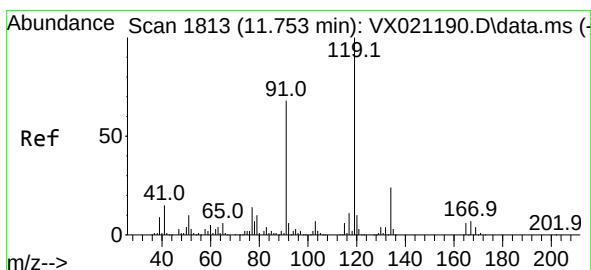
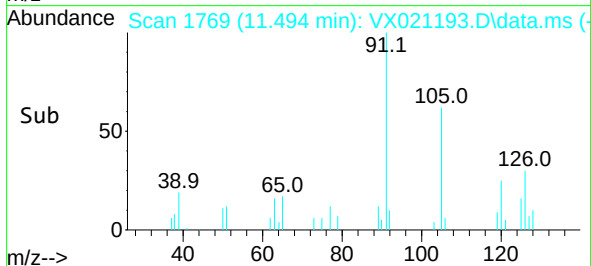
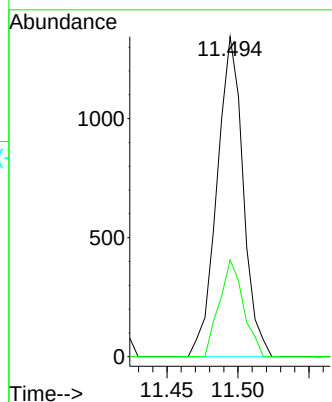
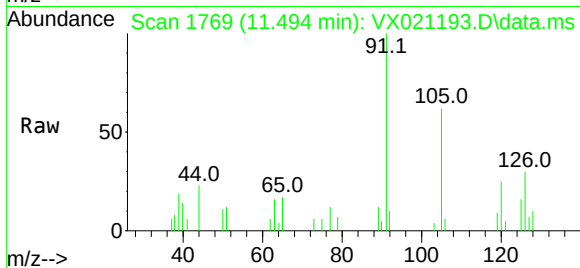




#82
4-Chlorotoluene
Concen: 0.47 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

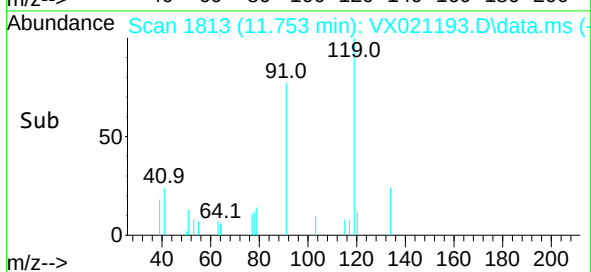
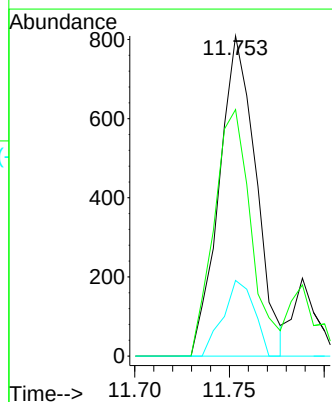
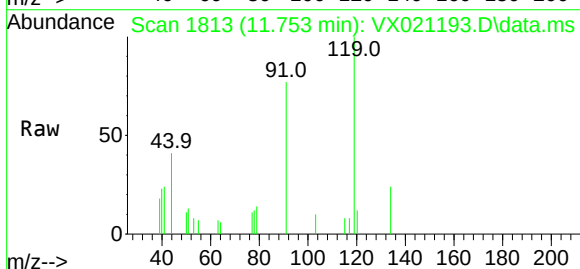
Instrument :
MSVOA_X
ClientSampled :
IBLK

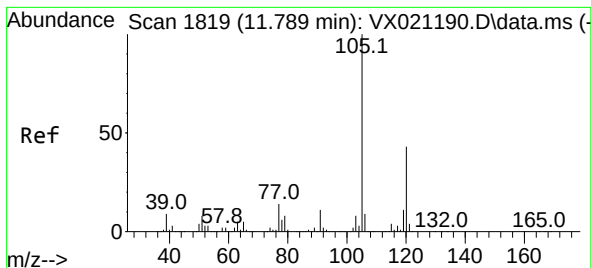
Tgt Ion: 91 Resp: 1725
Ion Ratio Lower Upper
91 100
126 27.8 14.9 44.5



#83
tert-Butylbenzene
Concen: 0.32 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 119 Resp: 1091
Ion Ratio Lower Upper
119 100
91 78.0 27.9 83.7
134 20.0 11.3 33.9

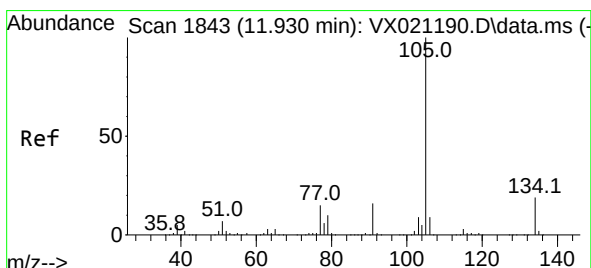
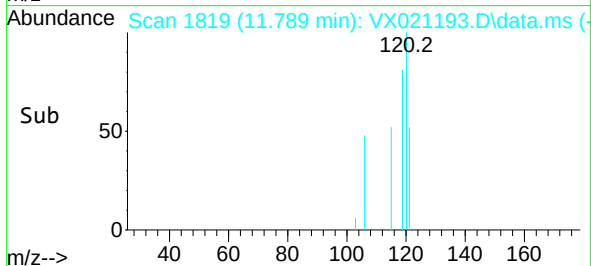
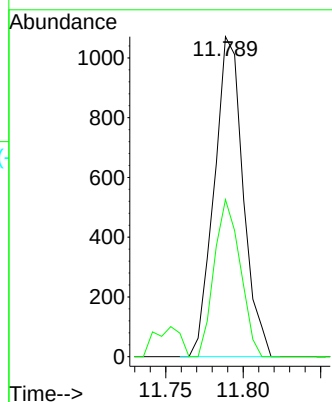
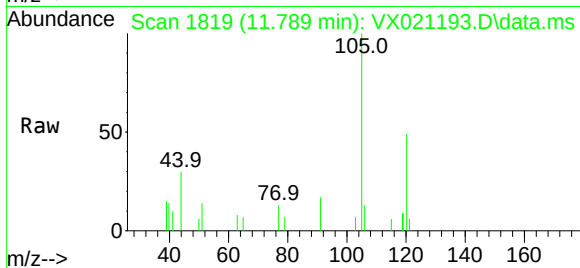




#84
1,2,4-Trimethylbenzene
Concen: 0.36 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

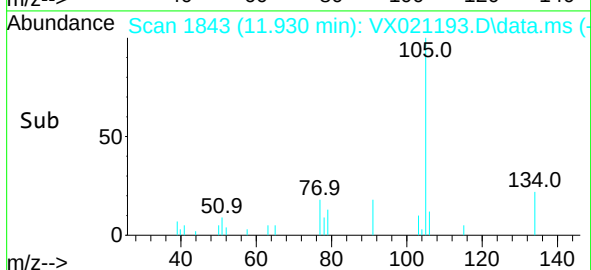
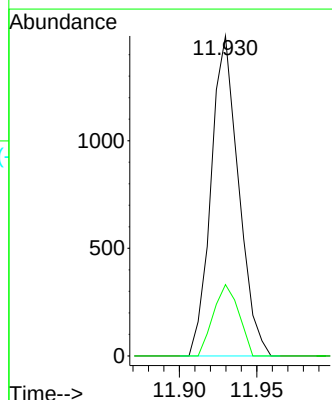
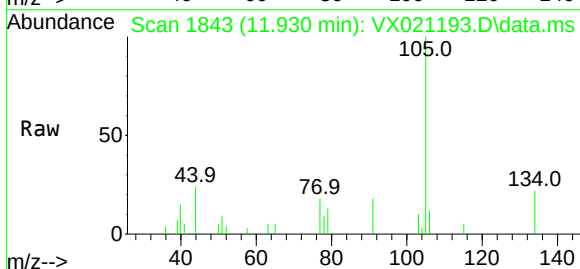
Instrument :
MSVOA_X
ClientSampled :
IBLK

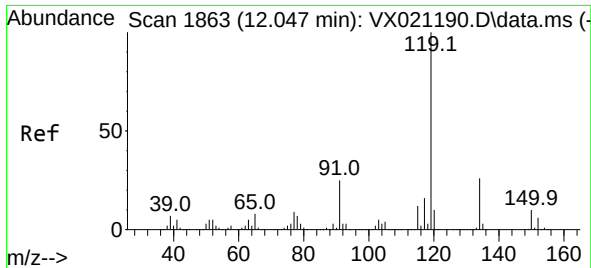
Tgt Ion:105 Resp: 1389
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.44 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion:105 Resp: 1836
Ion Ratio Lower Upper
105 100
134 20.5 10.0 29.8

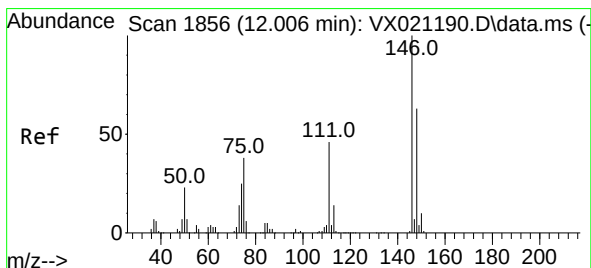
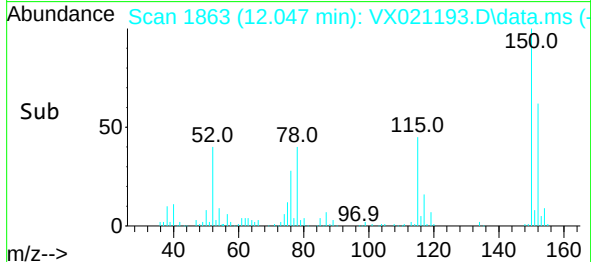
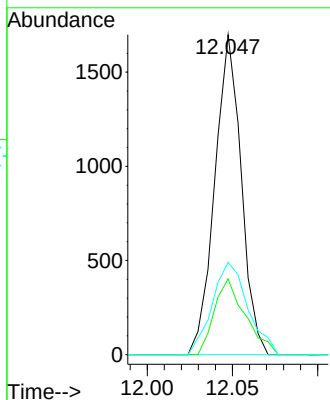
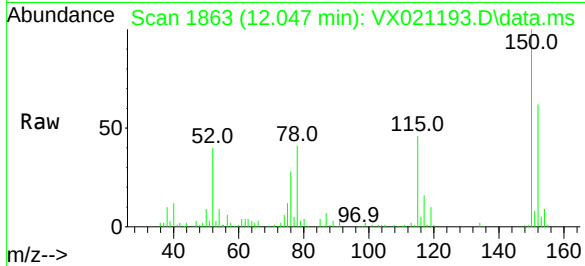




#86
p-Isopropyltoluene
Concen: 0.48 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

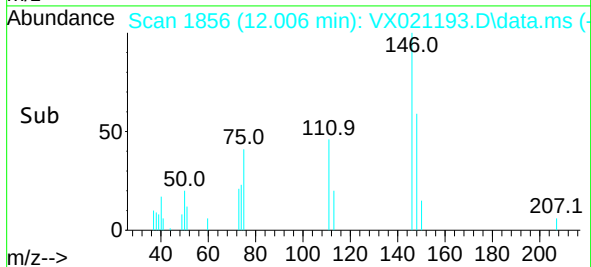
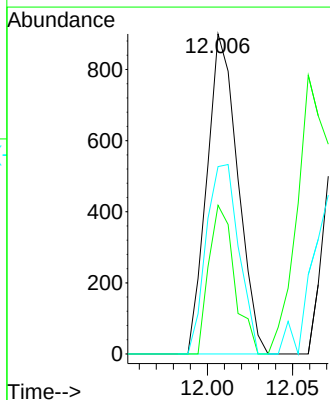
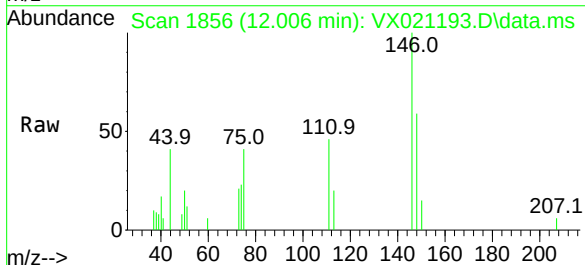
Instrument :
MSVOA_X
ClientSampled :
IBLK

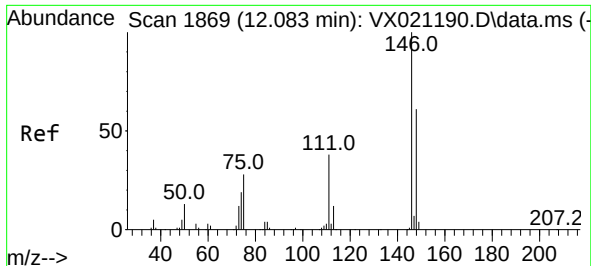
Tgt Ion:119 Resp: 1832
Ion Ratio Lower Upper
119 100
134 27.7 12.9 38.7
91 39.0 11.7 35.0#



#87
1,3-Dichlorobenzene
Concen: 0.61 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion:146 Resp: 1136
Ion Ratio Lower Upper
146 100
111 38.6 20.2 60.5
148 62.5 31.9 95.7

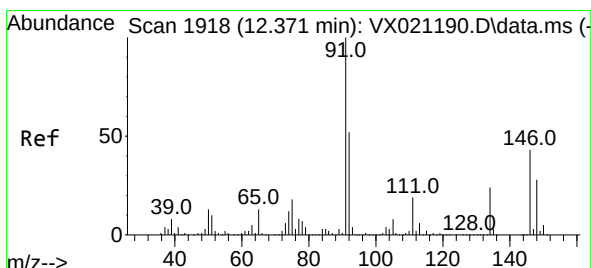
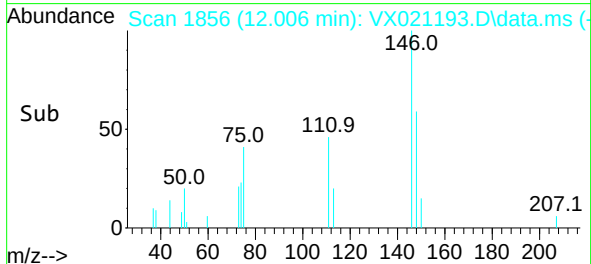
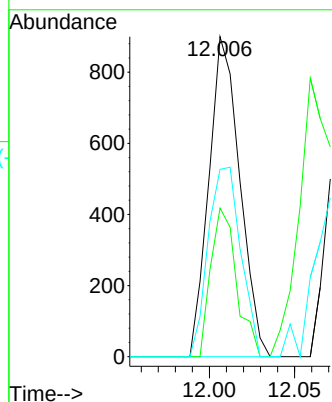
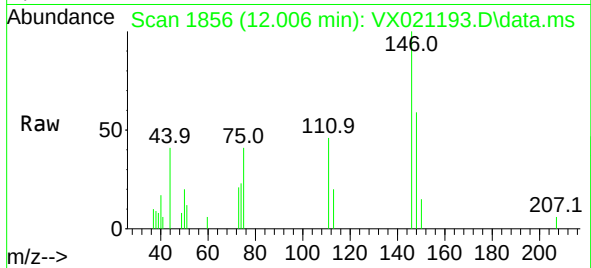




#88
1,4-Dichlorobenzene
Concen: 0.59 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. -0.077 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

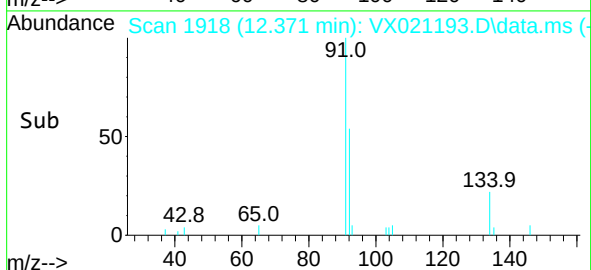
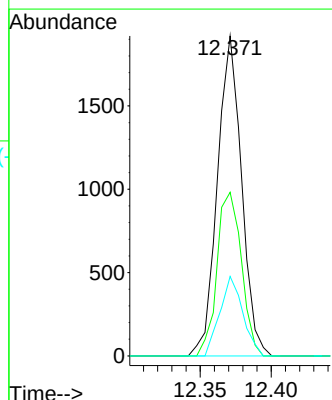
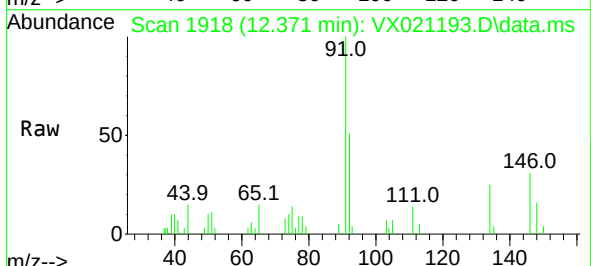
Instrument :
MSVOA_X
ClientSampled :
IBLK

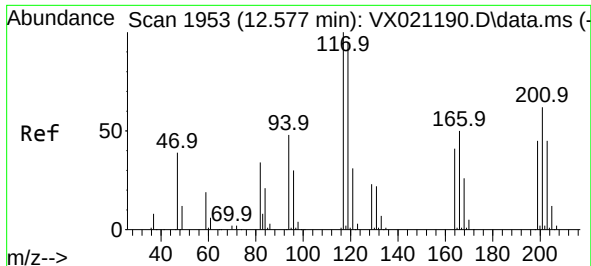
Tgt Ion:146 Resp: 1136
Ion Ratio Lower Upper
146 100
111 38.6 19.6 58.8
148 62.5 31.6 95.0



#89
n-Butylbenzene
Concen: 0.64 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion: 91 Resp: 2270
Ion Ratio Lower Upper
91 100
92 51.7 27.4 82.0
134 23.6 13.2 39.5

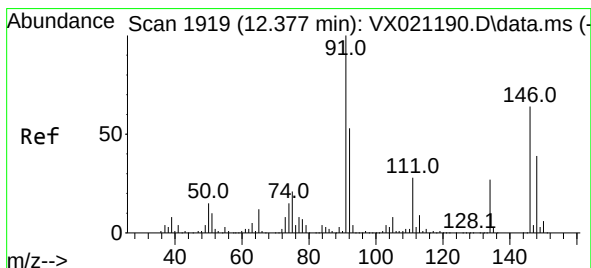
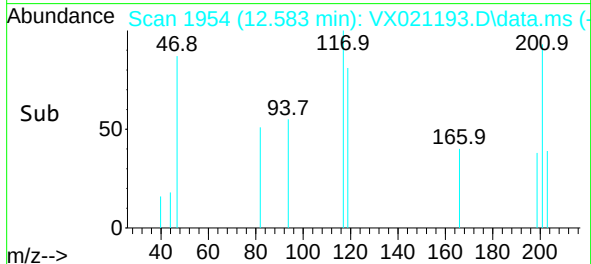
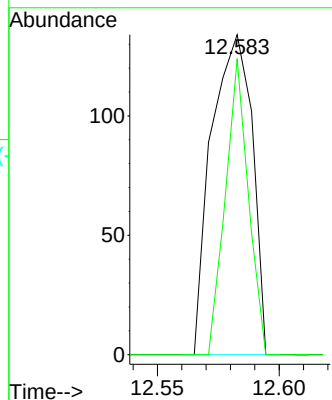
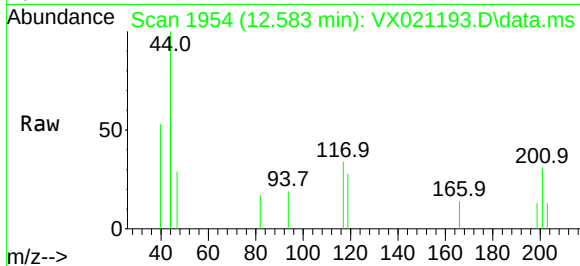




#90
Hexachloroethane
Concen: 0.22 ug/l
RT: 12.583 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

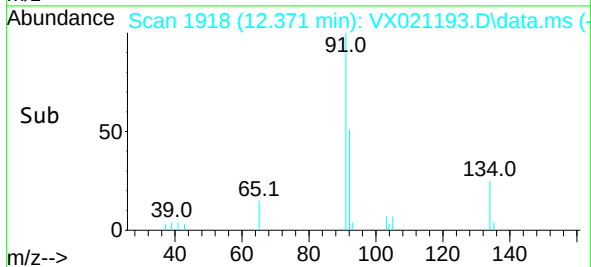
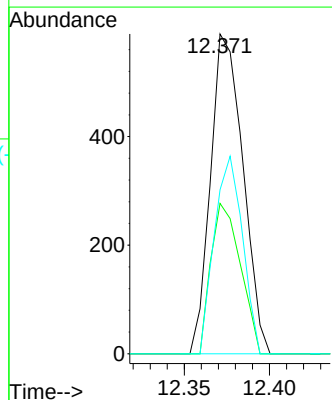
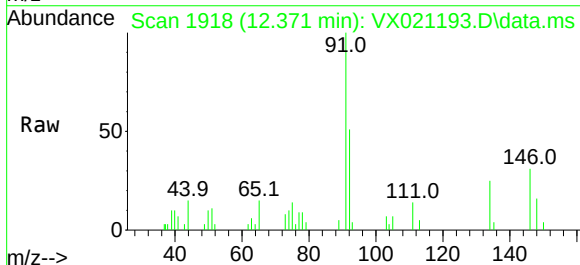
Instrument :
MSVOA_X
ClientSampled :
IBLK

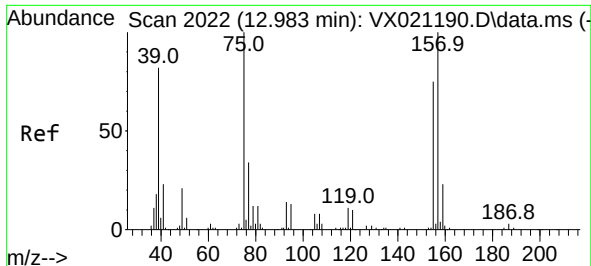
Tgt Ion:117 Resp: 156
Ion Ratio Lower Upper
117 100
201 51.9 40.4 121.2



#91
1,2-Dichlorobenzene
Concen: 0.42 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

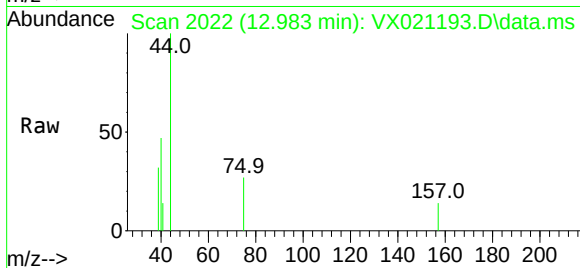
Tgt Ion:146 Resp: 779
Ion Ratio Lower Upper
146 100
111 42.7 20.8 62.2
148 53.5 31.9 95.5



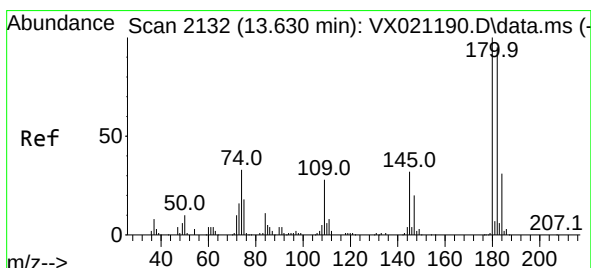
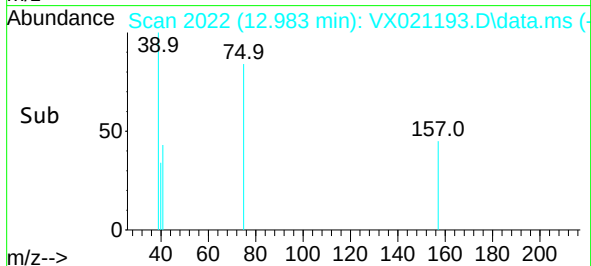
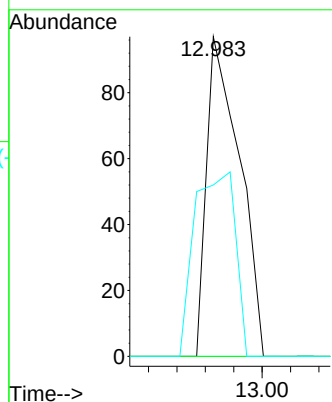


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.22 ug/l
 RT: 12.983 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: VX021193.D
 Acq: 15 Mar 2021 11:50

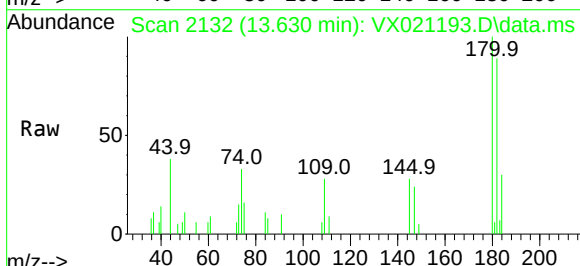
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK



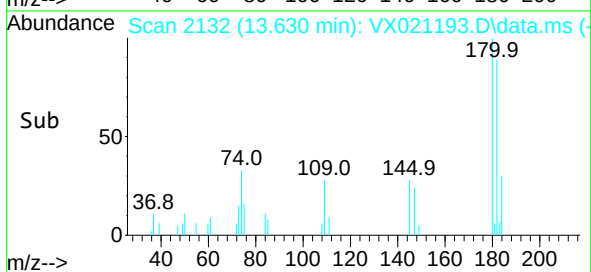
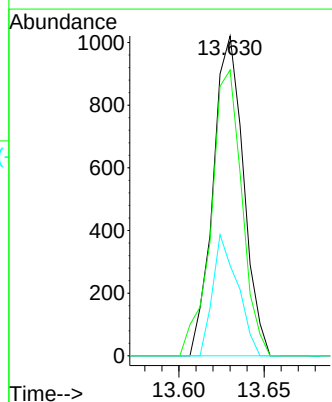
Tgt Ion: 75 Resp: 78
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.3 135.9#
 157 71.8 57.7 173.1

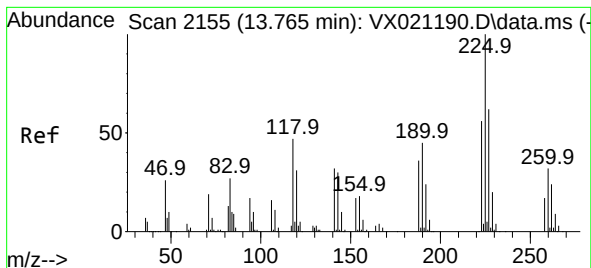


#93
 1,2,4-Trichlorobenzene
 Concen: 1.07 ug/l
 RT: 13.630 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: VX021193.D
 Acq: 15 Mar 2021 11:50



Tgt Ion: 180 Resp: 1266
 Ion Ratio Lower Upper
 180 100
 182 90.4 47.7 143.1
 145 30.9 15.0 45.0

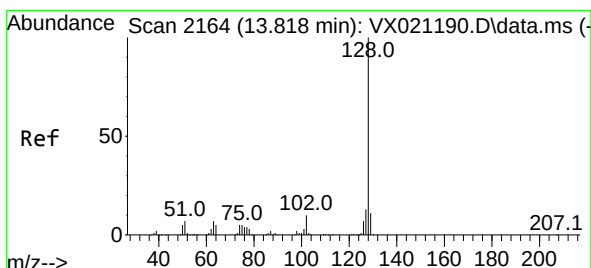
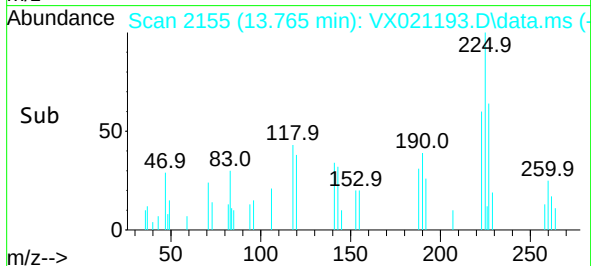
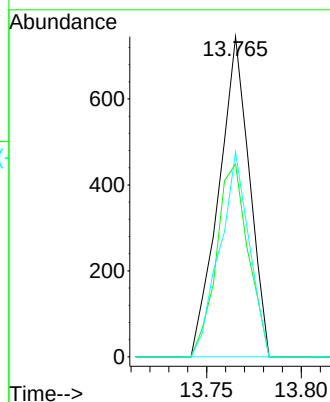
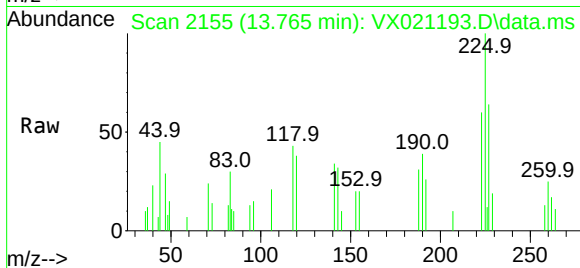




#94
Hexachlorobutadiene
Concen: 1.65 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

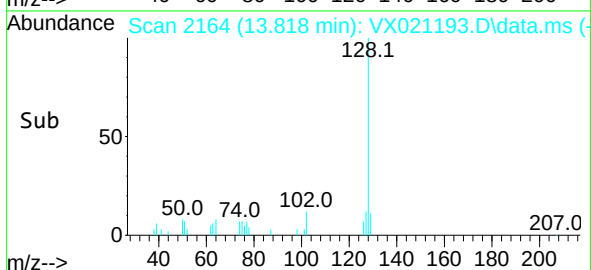
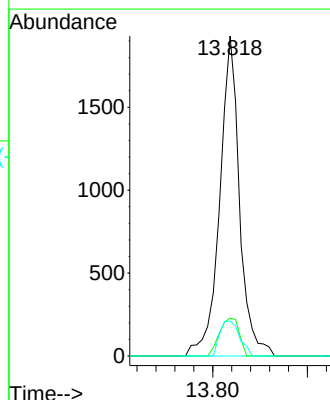
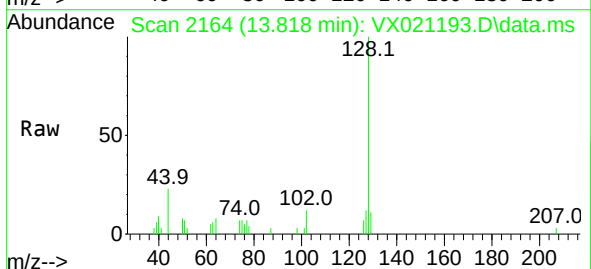
Instrument :
MSVOA_X
ClientSampled :
IBLK

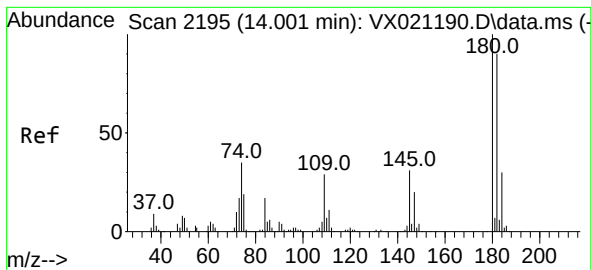
Tgt Ion:225 Resp: 837
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 61.6 31.6 95.0



#95
Naphthalene
Concen: 2.10 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021193.D
Acq: 15 Mar 2021 11:50

Tgt Ion:128 Resp: 2805
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 10.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.85 ug/l
 RT: 14.001 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VX021193.D
 Acq: 15 Mar 2021 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	1195
Ion	Ratio	Lower	Upper
180	100		
182	86.9	47.6	142.9
145	28.6	16.1	48.3

