

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066383.D
 Acq On : 29 Mar 2021 17:45
 Operator : JC/MD
 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 01:38:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	503582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	743300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	631733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	248999	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	290819	43.44	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.88%
35) Dibromofluoromethane	7.504	113	230262	46.73	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.46%
50) Toluene-d8	10.028	98	881599	47.17	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.34%
62) 4-Bromofluorobenzene	12.345	95	262856	40.49	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.98%#

Target Compounds						Qvalue
3) Chloromethane	2.017	50	3606	Below Cal		99
4) Vinyl Chloride	2.180	62	52	0.01 ug/l #		43
5) Bromomethane	2.523	94	898	0.18 ug/l #		21
6) Chloroethane	2.644	64	82	0.02 ug/l #		42
8) Diethyl Ether	3.441	74	109	0.03 ug/l		100
10) Methyl Iodide	3.864	142	28	0.00 ug/l #		1
11) Tert butyl alcohol	4.701	59	122	0.12 ug/l #		1
12) 1,1-Dichloroethene	3.661	96	442	0.08 ug/l #		1
13) Acrolein	3.529	56	3224	Below Cal		92
14) Allyl chloride	4.227	41	18	0.00 ug/l #		1
15) Acrylonitrile	4.854	53	25	0.01 ug/l #		62
16) Acetone	3.738	43	2699	0.75 ug/l		98
17) Carbon Disulfide	3.961	76	674	0.04 ug/l #		92
18) Methyl Acetate	4.235	43	365	0.04 ug/l #		1
19) Methyl tert-butyl Ether	4.918	73	107	0.01 ug/l #		54
20) Methylene Chloride	4.441	84	769	Below Cal #		78
21) trans-1,2-Dichloroethene	4.916	96	25	0.00 ug/l #		1
22) Diisopropyl ether	5.873	45	27	0.00 ug/l #		34
23) Vinyl Acetate	5.779	43	301	0.02 ug/l #		74
25) 2-Butanone	6.737	43	152	0.04 ug/l #		49
26) 2,2-Dichloropropane	6.729	77	52	0.01 ug/l #		52
27) cis-1,2-Dichloroethene	6.774	96	49	0.01 ug/l #		1
29) Tetrahydrofuran	7.126	42	351	0.14 ug/l #		33
31) Cyclohexane	7.579	56	10421	1.12 ug/l #		10
32) 1,1,1-Trichloroethane	7.571	97	62	0.01 ug/l #		1
36) 1,1-Dichloropropene	7.582	75	35707	5.11 ug/l #		48
37) Ethyl Acetate	6.855	43	33	0.00 ug/l #		69
38) Carbon Tetrachloride	7.584	117	46004	6.55 ug/l #		15
39) Methylcyclohexane	9.011	83	87	0.01 ug/l #		70
40) Benzene	7.960	78	15000	0.71 ug/l #		89
41) Methacrylonitrile	7.080	41	205	0.05 ug/l #		17
42) 1,2-Dichloroethane	8.048	62	415	0.05 ug/l #		76
43) Isopropyl Acetate	8.089	43	81	0.01 ug/l #		61
45) 1,2-Dichloropropane	8.880	63	51	0.01 ug/l #		43
48) Methyl methacrylate	9.135	41	86	0.01 ug/l #		45
49) 1,4-Dioxane	9.140	88	93	1.18 ug/l #		44

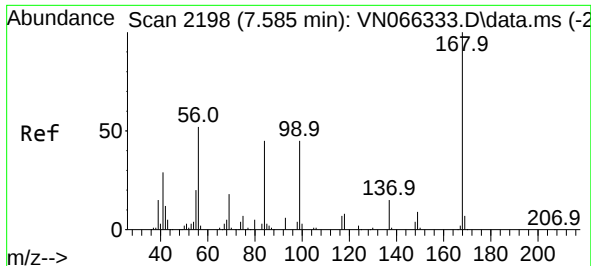
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	9.918	43	312	0.04	ug/l #	37
52) Toluene	10.092	92	10283	0.79	ug/l	100
53) t-1,3-Dichloropropene	10.307	75	24	0.00	ug/l #	60
54) cis-1,3-Dichloropropene	10.030	75	208	0.02	ug/l #	1
55) 1,1,2-Trichloroethane	10.543	97	62	0.01	ug/l #	15
59) 2-Hexanone	10.674	43	576	0.11	ug/l #	25
67) Ethyl Benzene	11.452	91	21978	0.96	ug/l	100
68) m/p-Xylenes	11.564	106	25974	2.99	ug/l	98
69) o-Xylene	11.892	106	5766	0.69	ug/l	83
70) Styrene	11.905	104	221	0.02	ug/l #	72
71) Bromoform	12.350	173	1981	0.49	ug/l #	1
73) Isopropylbenzene	12.195	105	875	0.05	ug/l #	74
74) N-amyl acetate	12.015	43	133	3.21	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.350	83	83	0.01	ug/l #	1
76) 1,2,3-Trichloropropane	12.345	75	134723	24.66	ug/l #	100
77) Bromobenzene	12.444	156	137	0.03	ug/l #	30
78) n-propylbenzene	12.538	91	3168	0.16	ug/l #	75
79) 2-Chlorotoluene	12.597	91	353	0.03	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.675	105	4510	0.30	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.345	75	134723	74.15	ug/l #	12
82) 4-Chlorotoluene	12.675	91	207	0.02	ug/l #	41
83) tert-Butylbenzene	12.991	119	2809	0.22	ug/l #	65
84) 1,2,4-Trimethylbenzene	12.986	105	19182	1.30	ug/l	98
85) sec-Butylbenzene	12.986	105	19182	1.14	ug/l #	57
86) p-Isopropyltoluene	13.318	119	682	0.05	ug/l	84
87) 1,3-Dichlorobenzene	13.294	146	56	0.01	ug/l #	1
88) 1,4-Dichlorobenzene	13.294	146	56	0.01	ug/l #	1
89) n-Butylbenzene	13.560	91	62	0.00	ug/l #	50
90) Hexachloroethane	13.823	117	250	0.09	ug/l #	5
92) 1,2-Dibromo-3-Chloropr...	14.217	75	52	0.05	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.863	180	24	0.01	ug/l #	1
95) Naphthalene	15.075	128	52008	4.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	81	0.02	ug/l #	1

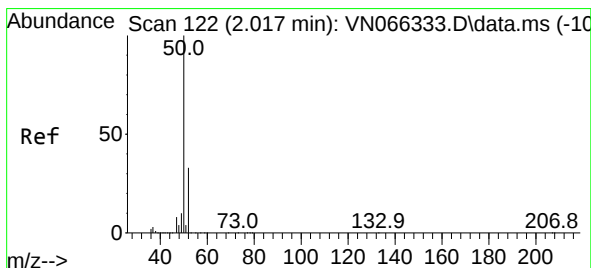
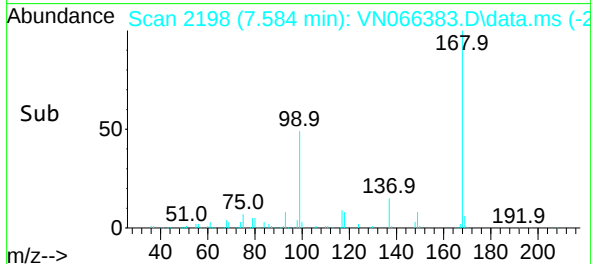
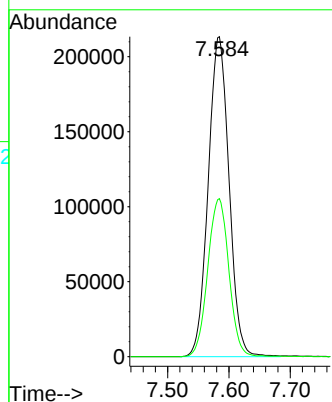
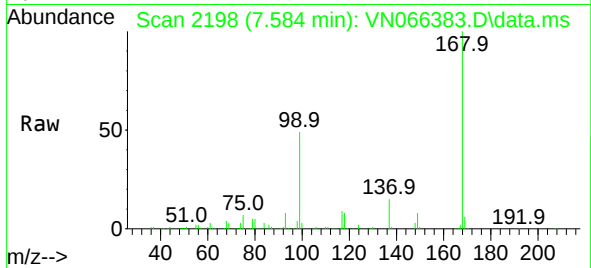
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

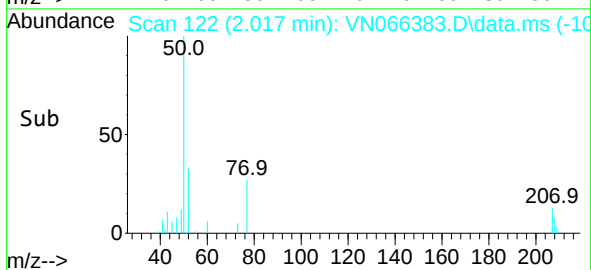
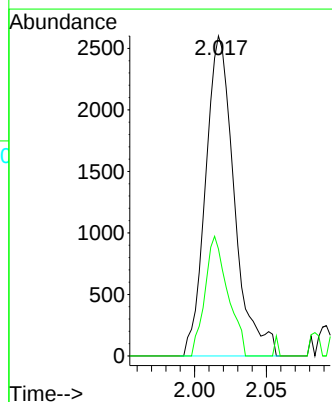
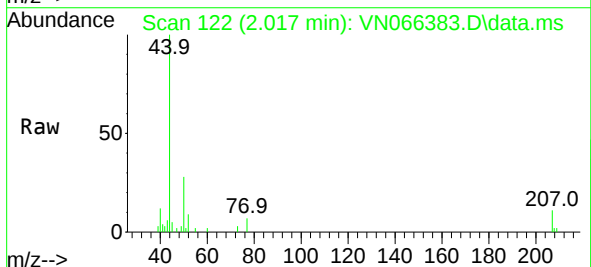
Instrument :
MSVOA_N
ClientSampled :
IBLK

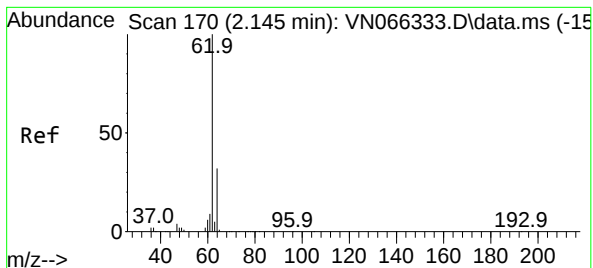
Tgt Ion:168 Resp: 503582
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 50 Resp: 3606
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2





#4

Vinyl Chloride

Concen: 0.01 ug/l

RT: 2.180 min Scan# 183

Delta R.T. 0.035 min

Lab File: VN066383.D

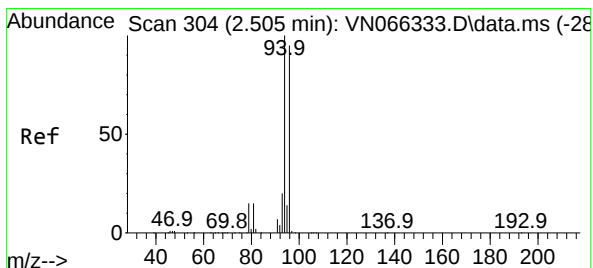
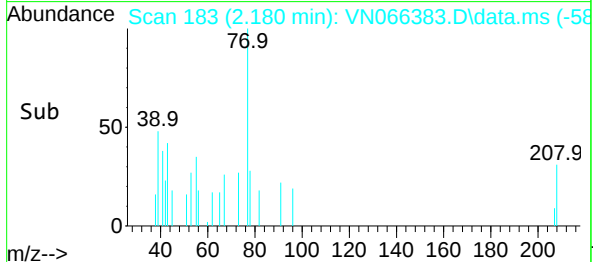
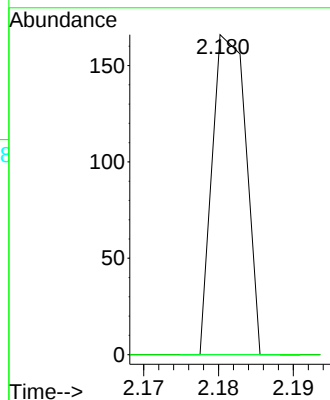
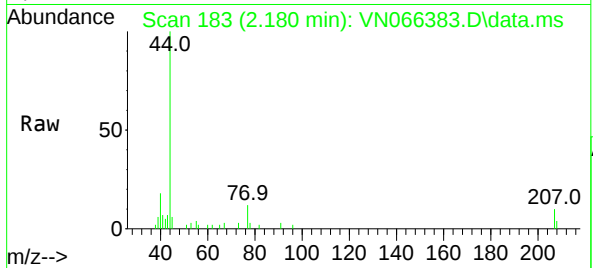
Acq: 29 Mar 2021 17:45

Tgt Ion: 62 Resp: 52

Ion Ratio Lower Upper

62 100

64 0.0 25.6 38.4#



#5

Bromomethane

Concen: 0.18 ug/l

RT: 2.523 min Scan# 311

Delta R.T. 0.019 min

Lab File: VN066383.D

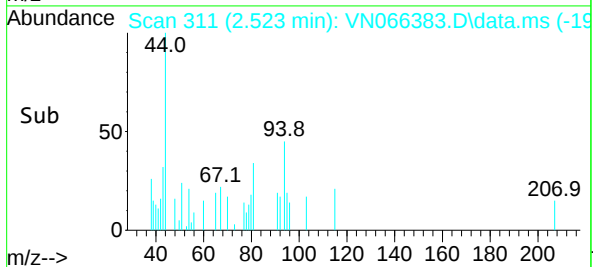
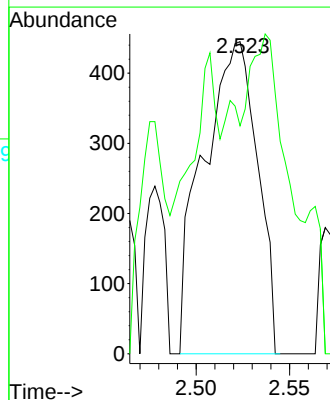
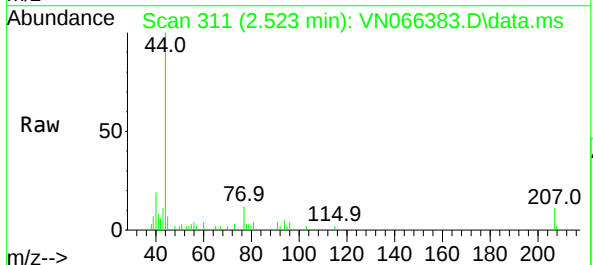
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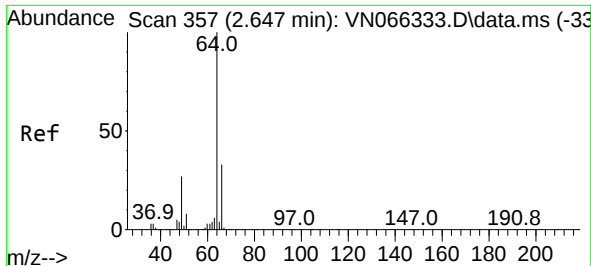
Tgt Ion: 94 Resp: 898

Ion Ratio Lower Upper

94 100

96 17.8 75.8 113.6#

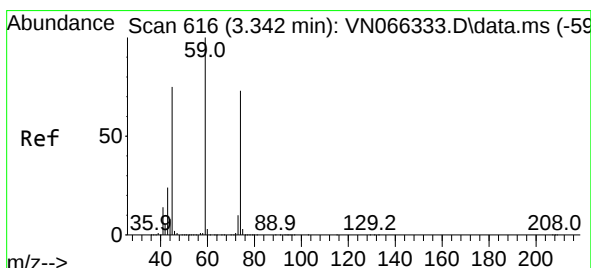
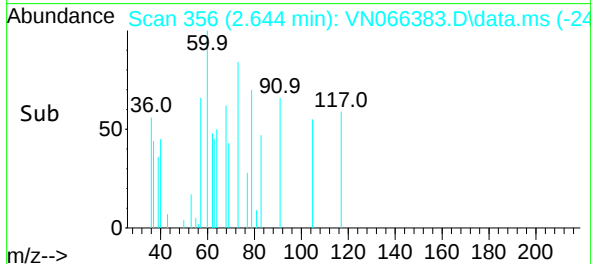
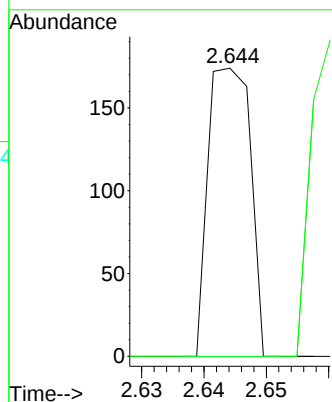
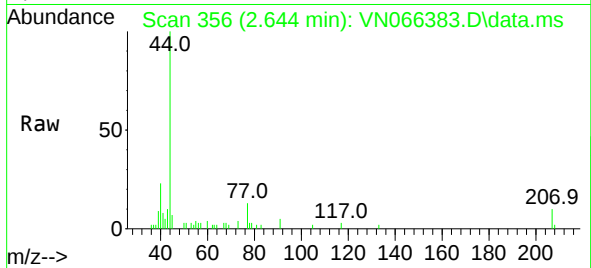




#6
Chloroethane
Concen: 0.02 ug/l
RT: 2.644 min Scan# 356
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

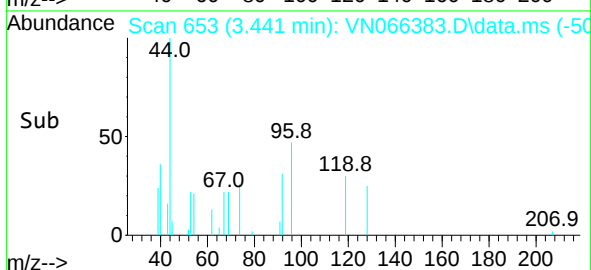
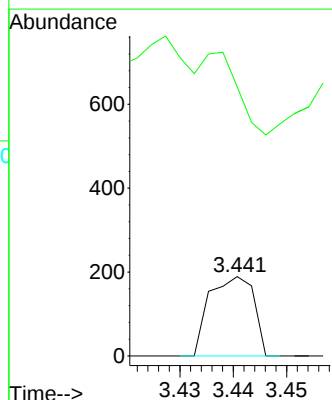
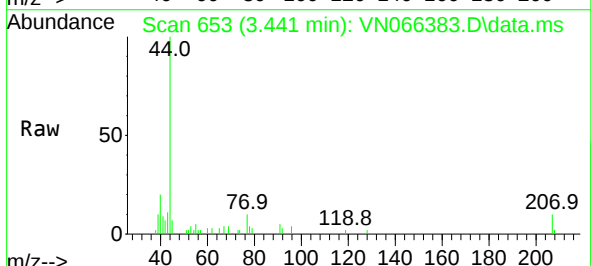
Instrument :
MSVOA_N
ClientSampled :
IBLK

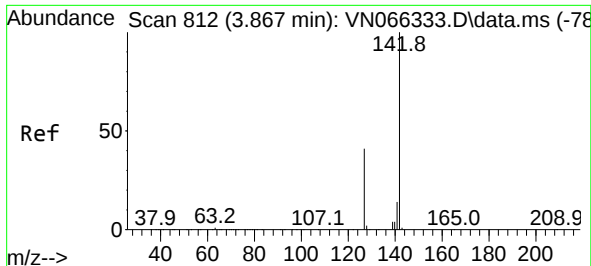
Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 0.03 ug/l
RT: 3.441 min Scan# 653
Delta R.T. 0.099 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

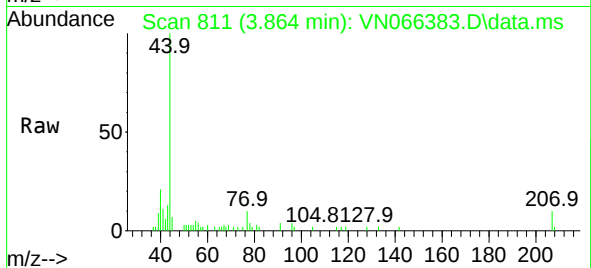
Tgt Ion: 74 Resp: 109
Ion Ratio Lower Upper
74 100
45 103.7 51.6 154.8



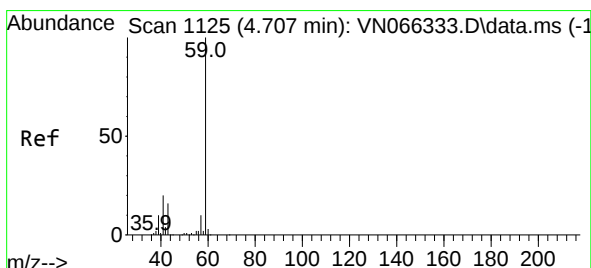
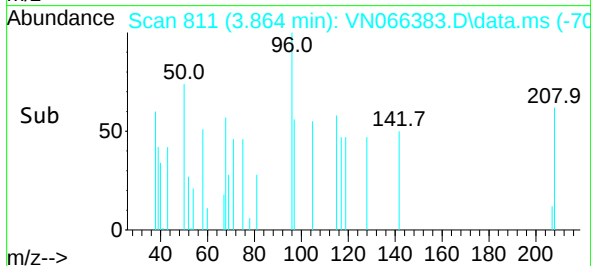
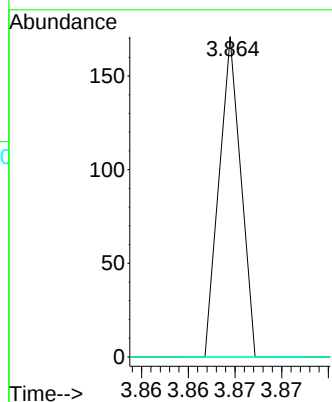


#10
Methyl Iodide
Concen: 0.00 ug/l
RT: 3.864 min Scan# 811
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Instrument :
MSVOA_N
ClientSampled :
IBLK

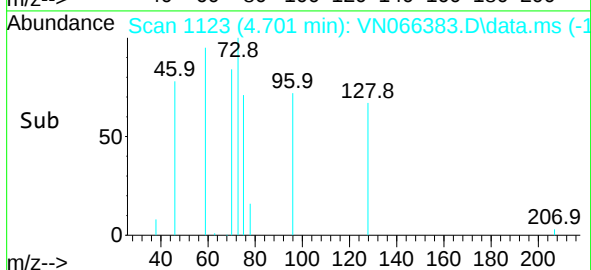
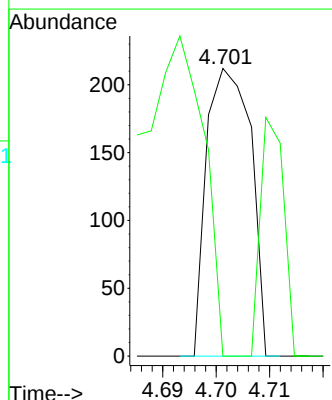
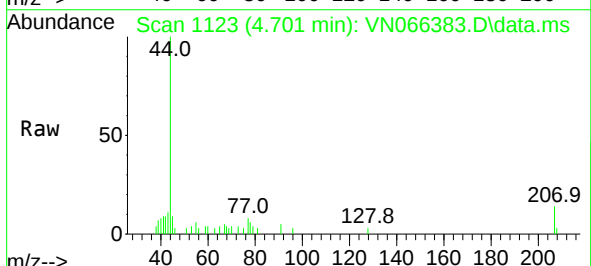


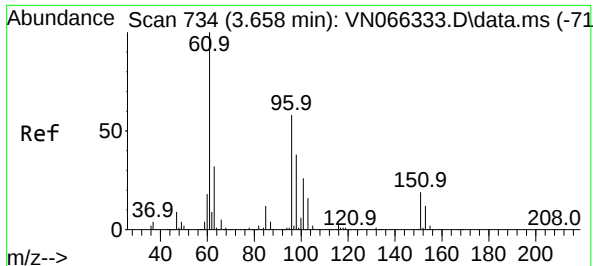
Tgt Ion:142 Resp: 28
Ion Ratio Lower Upper
142 100
127 296.4 33.0 49.6#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.12 ug/l
RT: 4.701 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 44.3 4.1 6.1#





#12

1,1-Dichloroethene

Concen: 0.08 ug/l

RT: 3.661 min Scan# 735

Delta R.T. 0.003 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

Tgt Ion: 96 Resp: 442

Ion Ratio Lower Upper

96 100

61 0.0 137.0 205.4#

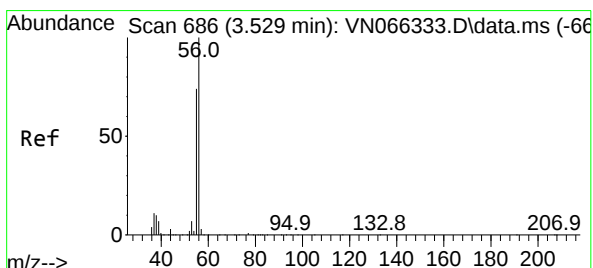
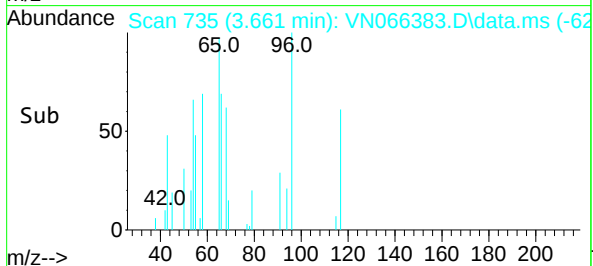
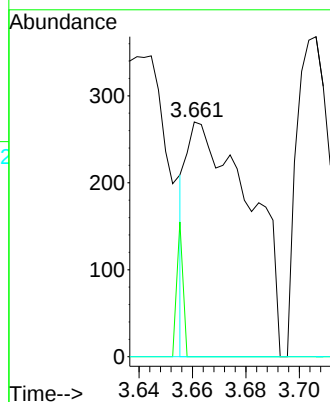
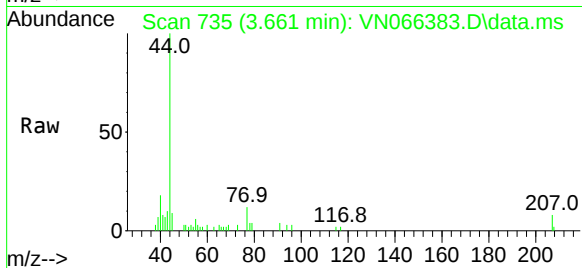
98 0.0 51.5 77.3#

Instrument :

MSVOA_N

ClientSampled :

IBLK



#13

Acrolein

Concen: Below Cal

RT: 3.529 min Scan# 686

Delta R.T. 0.000 min

Lab File: VN066383.D

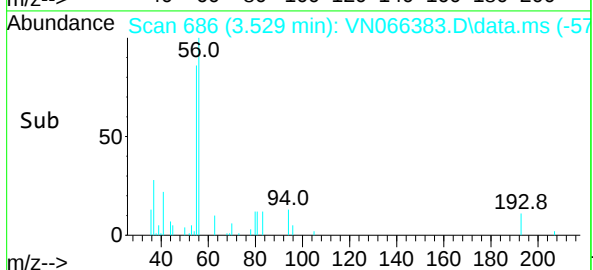
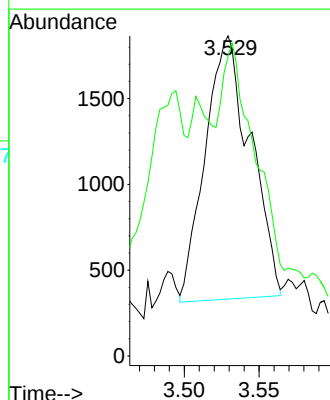
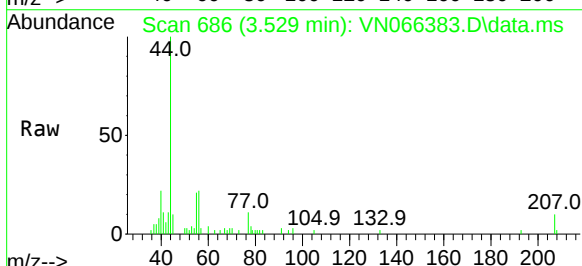
Acq: 29 Mar 2021 17:45

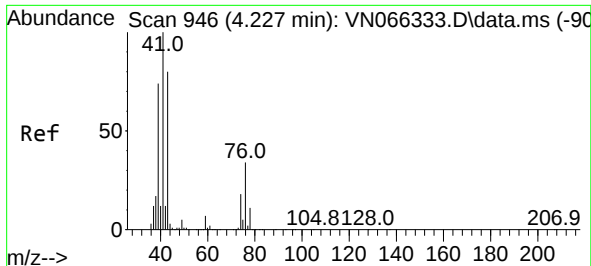
Tgt Ion: 56 Resp: 3224

Ion Ratio Lower Upper

56 100

55 65.5 57.9 86.9

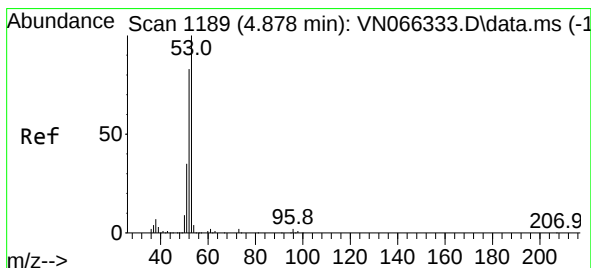
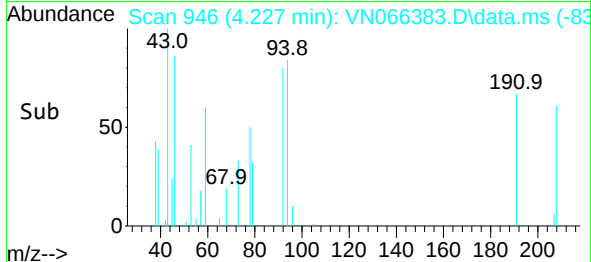
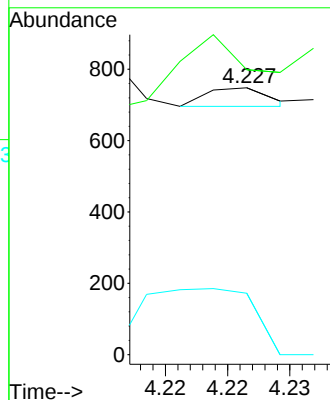
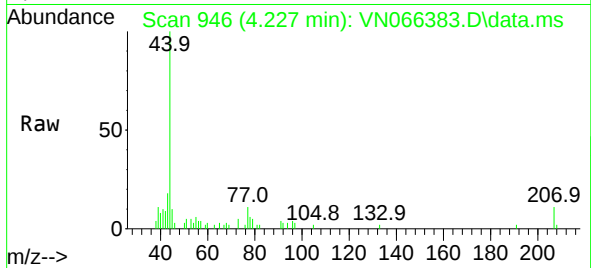




#14
 Allyl chloride
 Concen: 0.00 ug/l
 RT: 4.227 min Scan# 946
 Delta R.T. -0.000 min
 Lab File: VN066383.D
 Acq: 29 Mar 2021 17:45

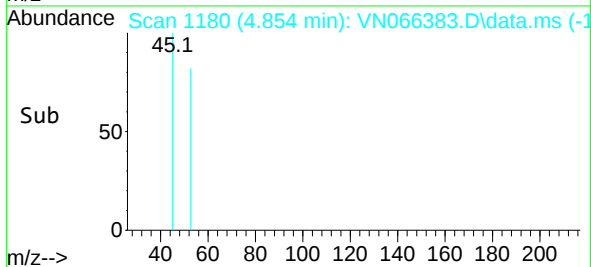
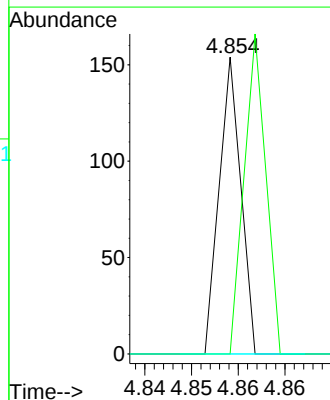
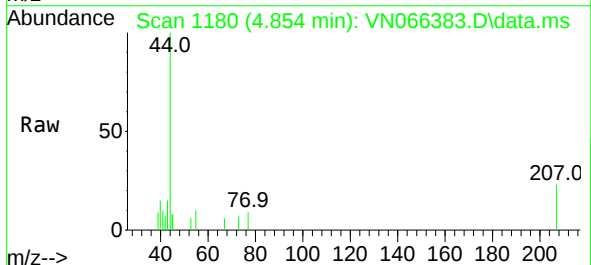
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

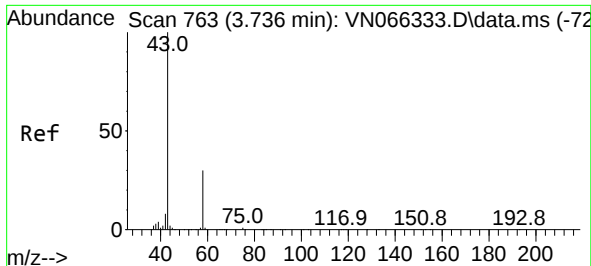
Tgt Ion: 41 Resp: 18
 Ion Ratio Lower Upper
 41 100
 39 1733.3 55.3 82.9#
 76 633.3 24.6 36.8#



#15
 Acrylonitrile
 Concen: 0.01 ug/l
 RT: 4.854 min Scan# 1180
 Delta R.T. -0.024 min
 Lab File: VN066383.D
 Acq: 29 Mar 2021 17:45

Tgt Ion: 53 Resp: 25
 Ion Ratio Lower Upper
 53 100
 52 108.0 66.6 99.8#
 51 0.0 29.4 44.0#

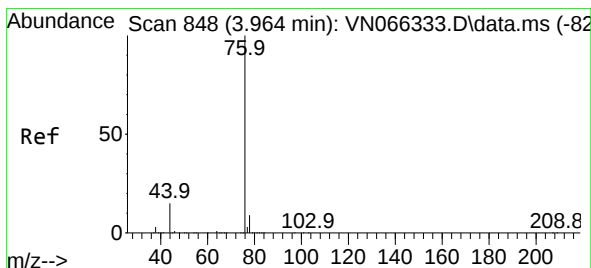
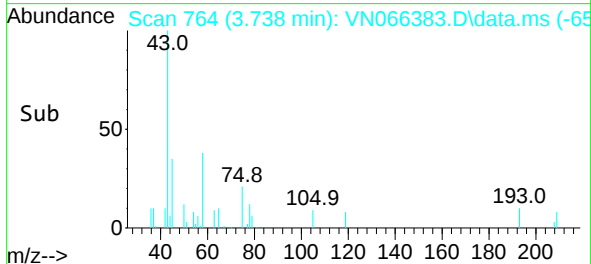
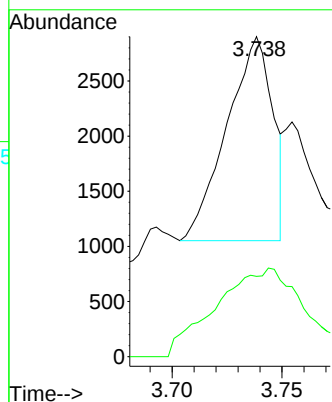
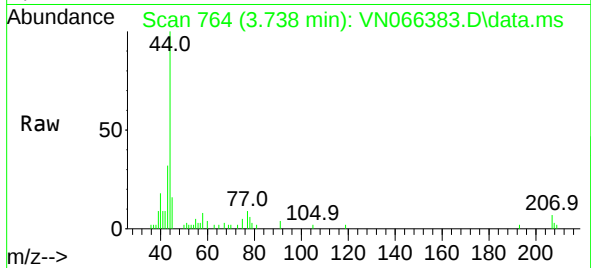




#16
Acetone
Concen: 0.75 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

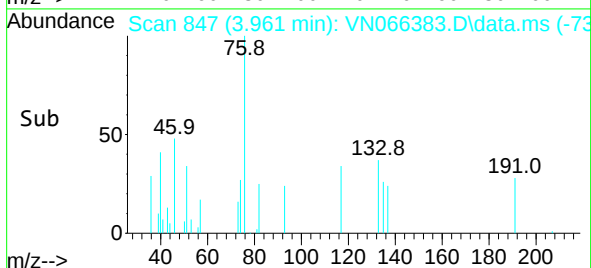
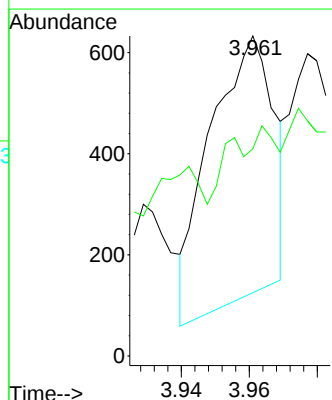
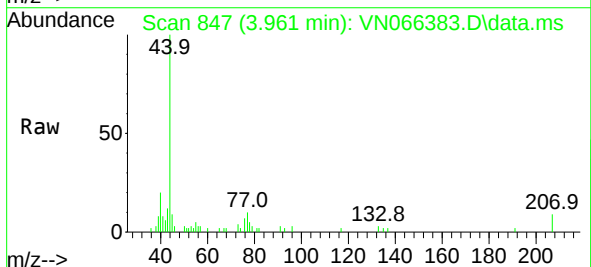
Instrument :
MSVOA_N
ClientSampled :
IBLK

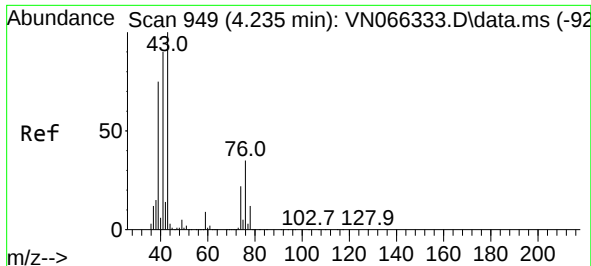
Tgt Ion: 43 Resp: 2699
Ion Ratio Lower Upper
43 100
58 28.5 23.8 35.8



#17
Carbon Disulfide
Concen: 0.04 ug/l
RT: 3.961 min Scan# 847
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 76 Resp: 674
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.0#

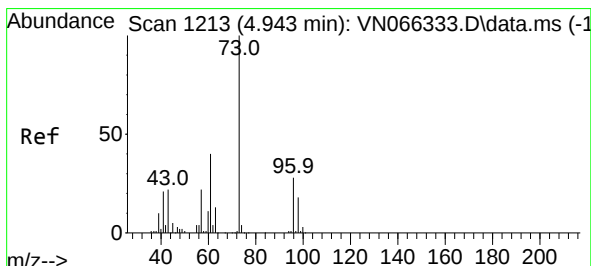
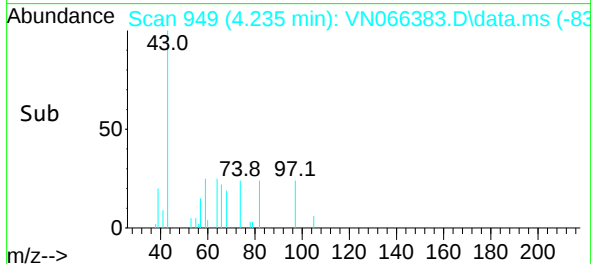
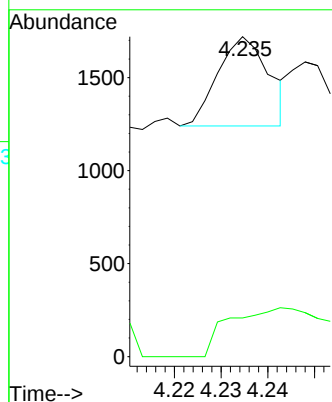
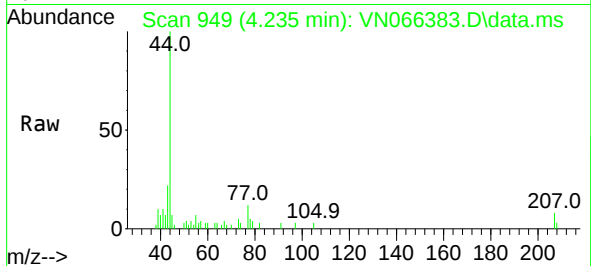




#18
Methyl Acetate
Concen: 0.04 ug/l
RT: 4.235 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN066333.D
Acq: 29 Mar 2021 17:45

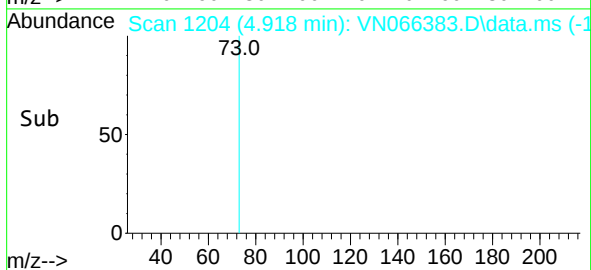
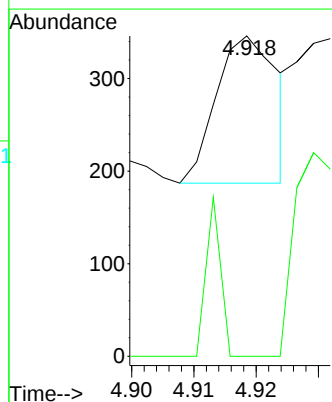
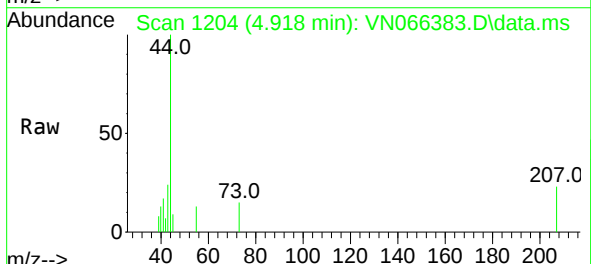
Instrument :
MSVOA_N
ClientSampled :
IBLK

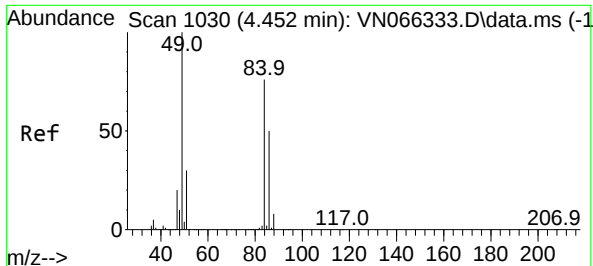
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
74 97.5 17.6 26.4#



#19
Methyl tert-butyl Ether
Concen: 0.01 ug/l
RT: 4.918 min Scan# 1204
Delta R.T. -0.024 min
Lab File: VN066333.D
Acq: 29 Mar 2021 17:45

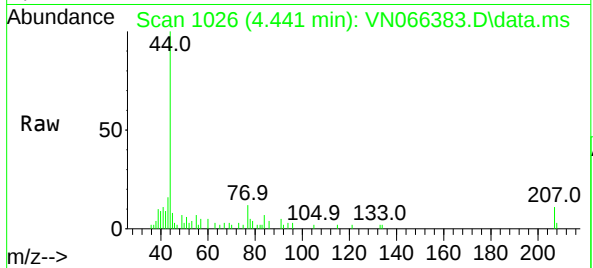
Tgt Ion: 73 Resp: 107
Ion Ratio Lower Upper
73 100
57 0.0 17.6 26.4#



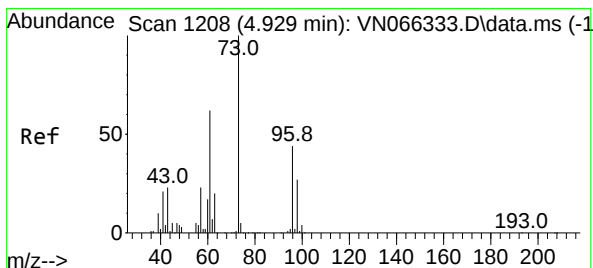
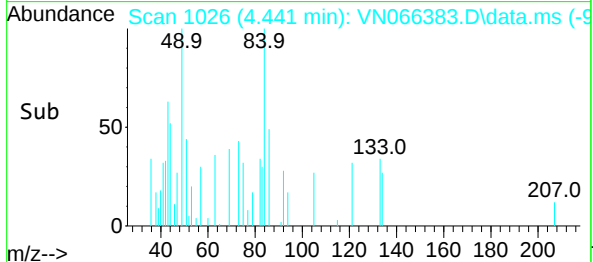
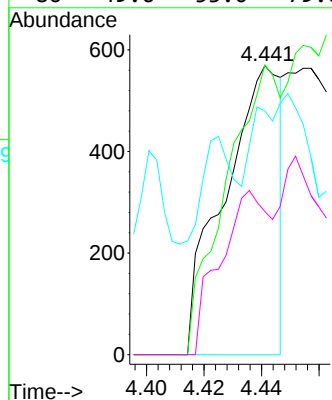


#20
Methylene Chloride
Concen: Below Cal
RT: 4.441 min Scan# 1026
Delta R.T. -0.011 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Instrument :
MSVOA_N
ClientSampled :
IBLK

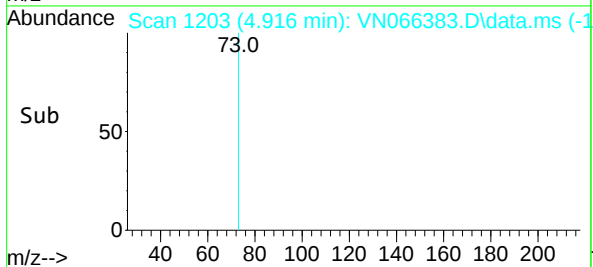
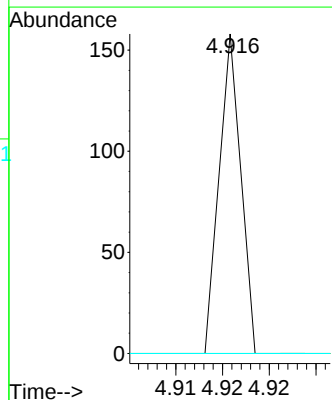
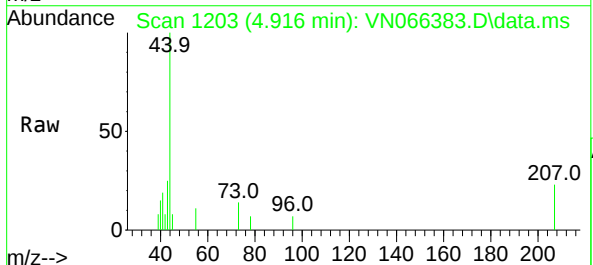


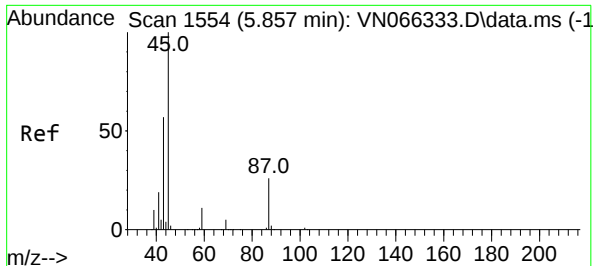
Tgt Ion:	84	Resp:	769
Ion	Ratio	Lower	Upper
84	100		
49	100.2	105.0	157.6#
51	46.0	31.6	47.4
86	49.6	53.0	79.6#



#21
trans-1,2-Dichloroethene
Concen: 0.00 ug/l
RT: 4.916 min Scan# 1203
Delta R.T. -0.014 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:	96	Resp:	25
Ion	Ratio	Lower	Upper
96	100		
61	0.0	113.7	170.5#
98	0.0	50.2	75.2#





#22

Diisopropyl ether

Concen: 0.00 ug/l

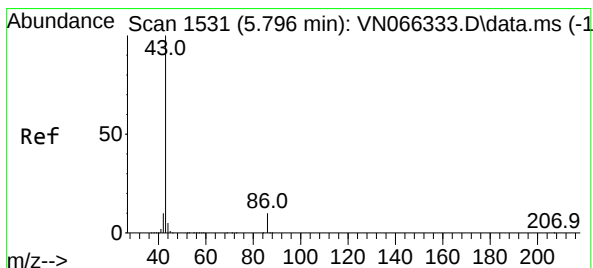
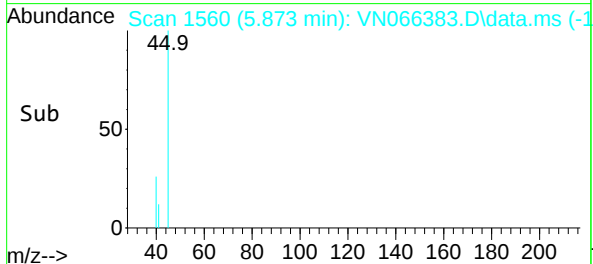
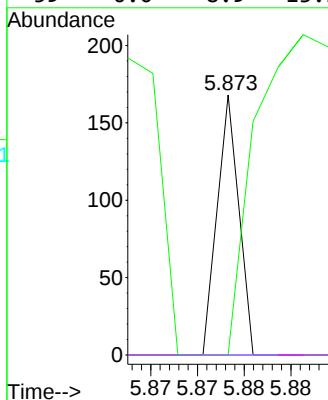
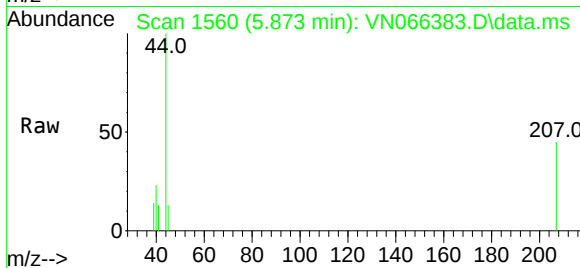
RT: 5.873 min Scan# 1560

Delta R.T. 0.016 min

Lab File: VN066333.D

Acq: 29 Mar 2021 17:45

Tgt Ion:	45	Resp:	27
Ion	Ratio	Lower	Upper
45	100		
43	0.0	48.1	72.1#
87	0.0	21.6	32.4#
59	0.0	8.9	13.3#



#23

Vinyl Acetate

Concen: 0.02 ug/l

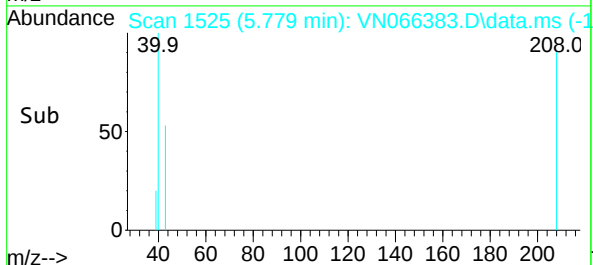
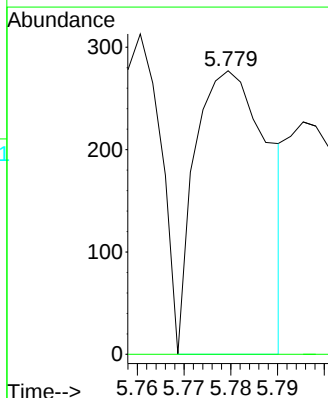
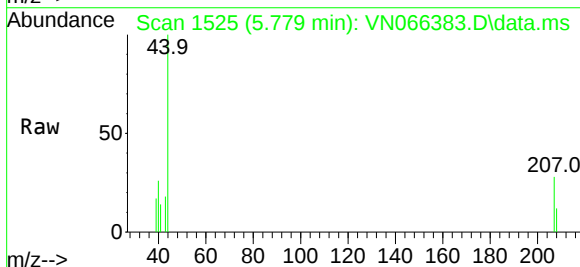
RT: 5.779 min Scan# 1525

Delta R.T. -0.016 min

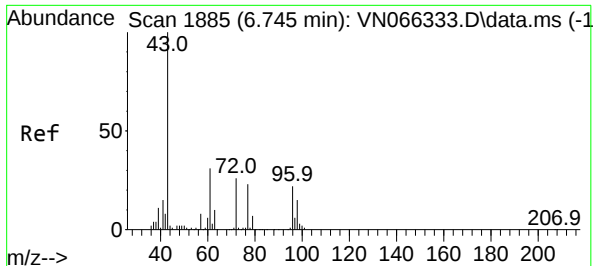
Lab File: VN066333.D

Acq: 29 Mar 2021 17:45

Tgt Ion:	43	Resp:	301
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.7	11.5#



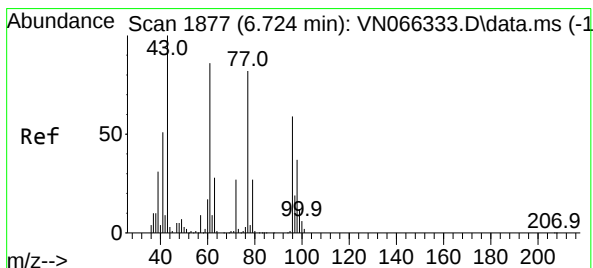
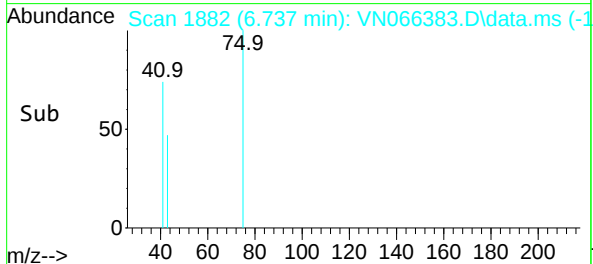
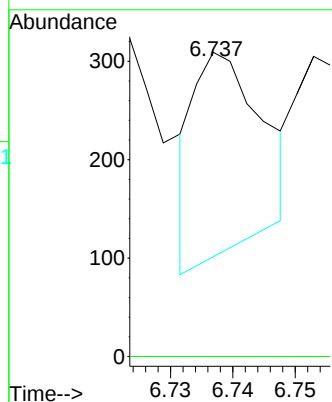
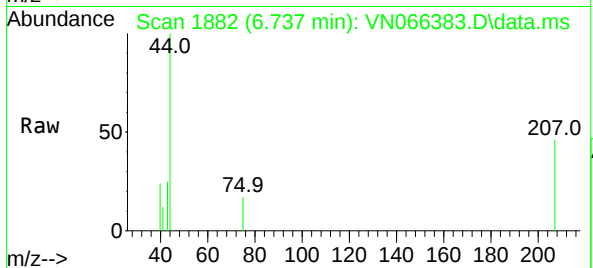
Instrument :
MSVOA_N
ClientSampled :
IBLK



#25
2-Butanone
Concen: 0.04 ug/l
RT: 6.737 min Scan# 1882
Delta R.T. -0.008 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

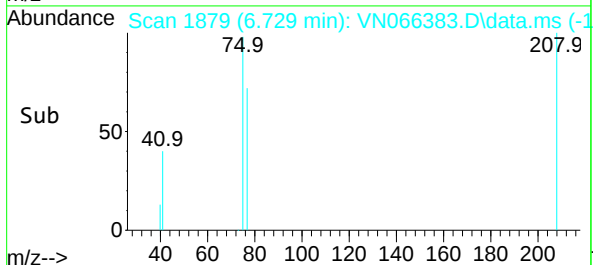
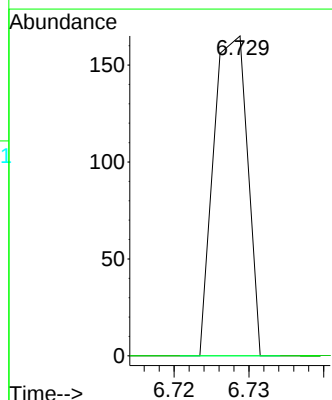
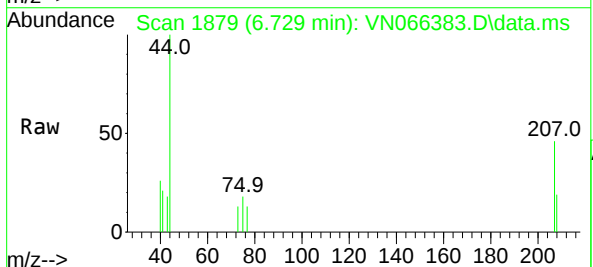
Instrument :
MSVOA_N
ClientSampled :
IBLK

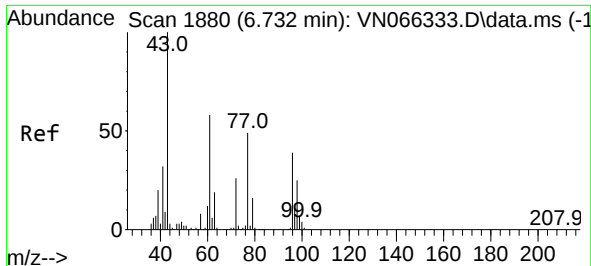
Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#26
2,2-Dichloropropane
Concen: 0.01 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. 0.005 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 77 Resp: 52
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#

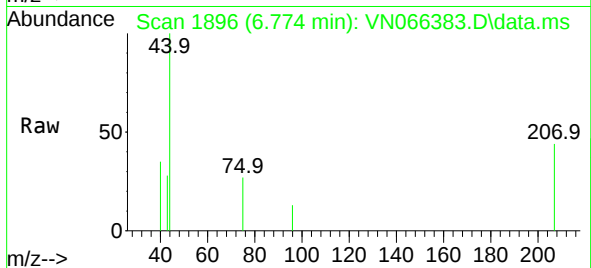




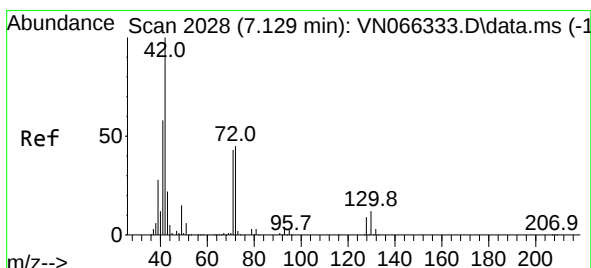
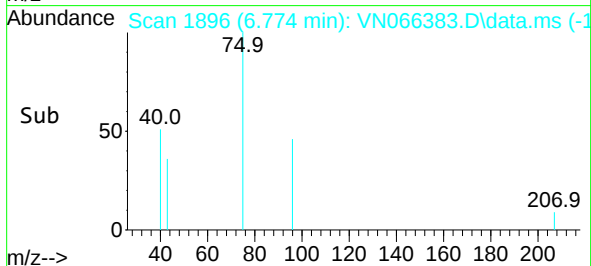
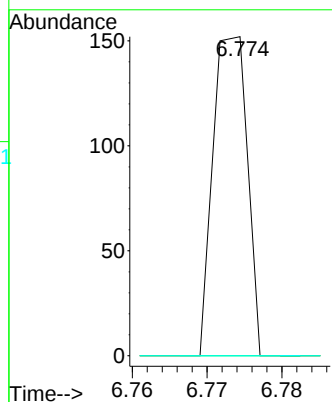
#27

cis-1,2-Dichloroethene
Concen: 0.01 ug/l
RT: 6.774 min Scan# 1896
Delta R.T. 0.043 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Instrument :
MSVOA_N
ClientSampled :
IBLK



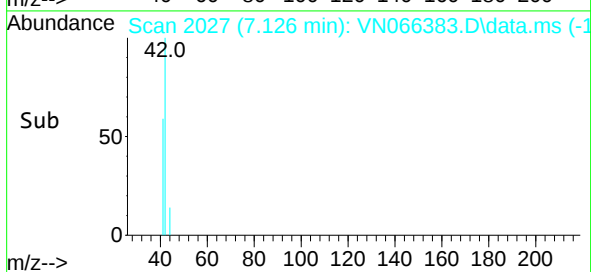
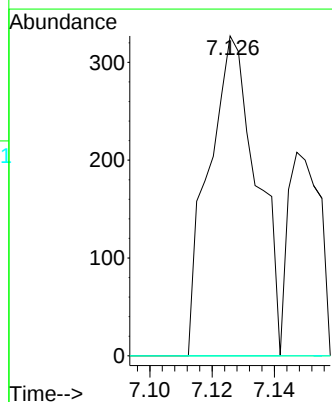
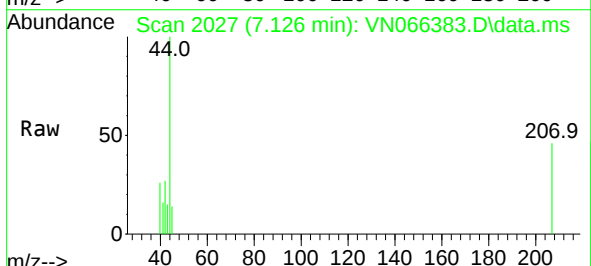
Tgt Ion: 96	Resp:	49
Ion	Ratio	Lower Upper
96	100	
61	0.0	0.0 296.2
98	0.0	0.0 129.2

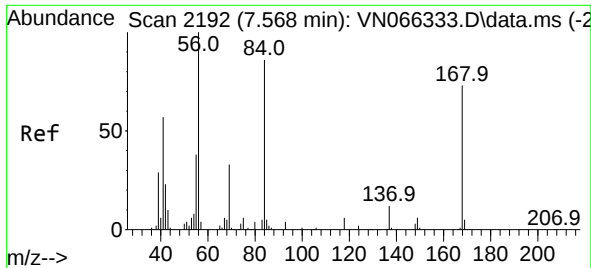


#29

Tetrahydrofuran
Concen: 0.14 ug/l
RT: 7.126 min Scan# 2027
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 42	Resp:	351
Ion	Ratio	Lower Upper
42	100	
72	0.0	35.2 52.8#
71	0.0	33.1 49.7#

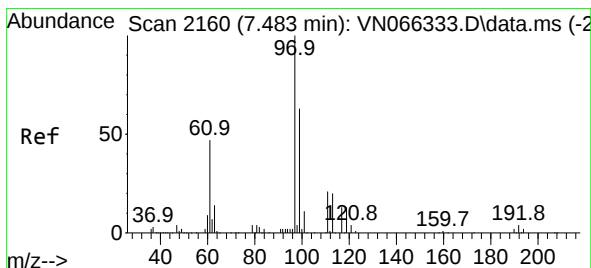
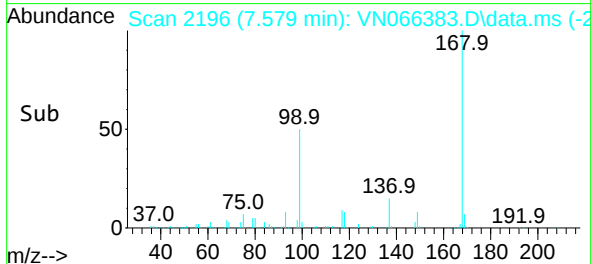
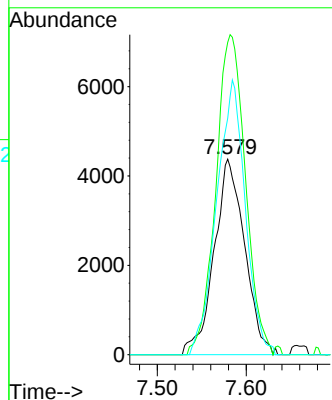
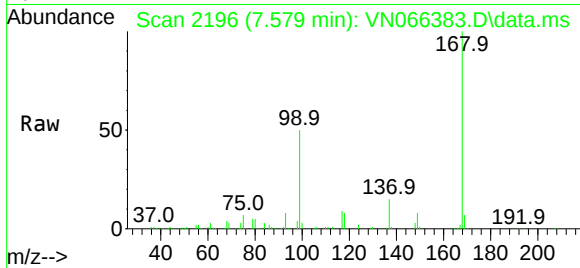




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.011 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

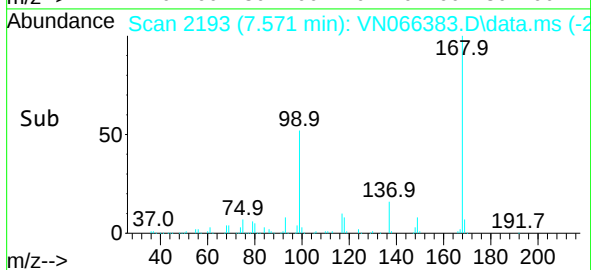
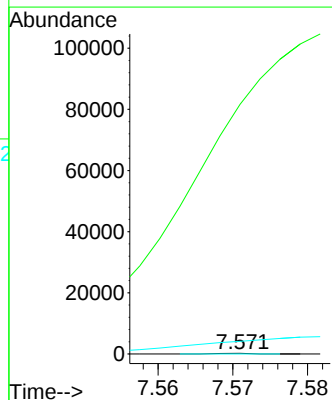
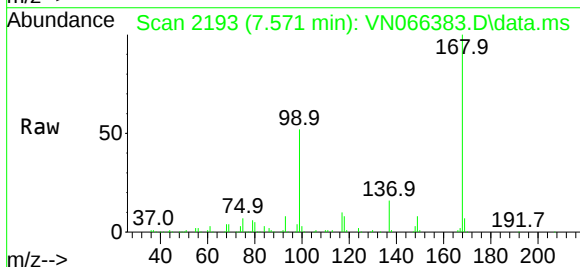
Instrument :
MSVOA_N
ClientSampled :
IBLK

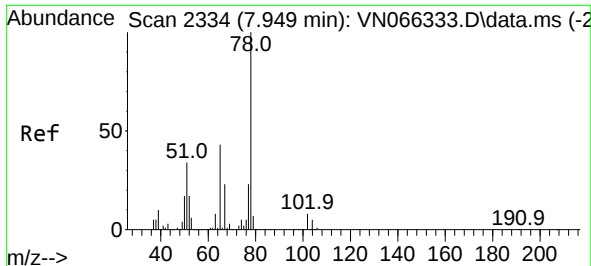
Tgt Ion: 56 Resp: 10421
Ion Ratio Lower Upper
56 100
69 159.7 26.6 40.0#
84 121.0 68.7 103.1#



#32
1,1,1-Trichloroethane
Concen: 0.01 ug/l
RT: 7.571 min Scan# 2193
Delta R.T. 0.088 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 97 Resp: 62
Ion Ratio Lower Upper
97 100
99 406593.5 51.1 76.7#
61 20309.7 36.9 55.3#





#33

1,2-Dichloroethane-d4

Concen: 43.44 ug/l

RT: 7.949 min Scan# 2334

Delta R.T. 0.000 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

Tgt Ion: 65 Resp: 290819

Ion Ratio Lower Upper

65 100

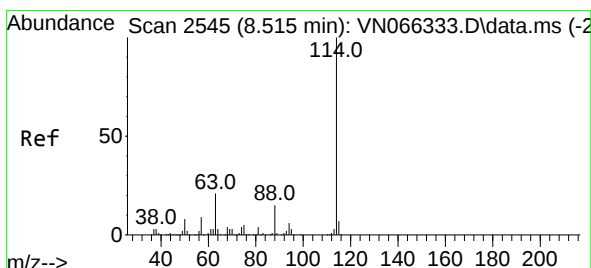
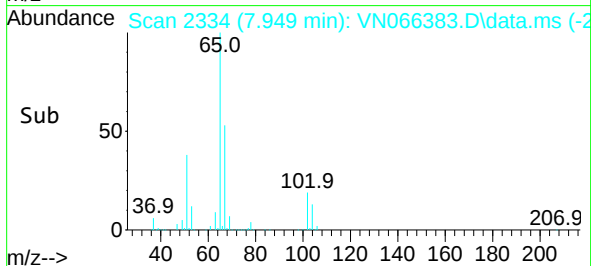
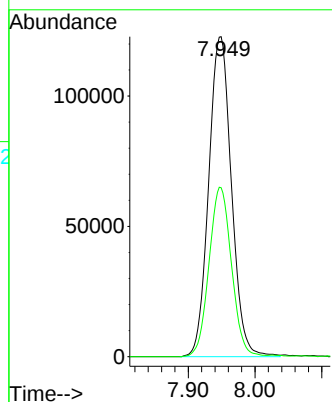
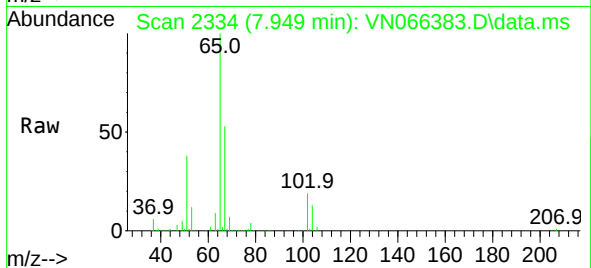
67 52.3 0.0 105.2

Instrument :

MSVOA_N

ClientSampled :

IBLK



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.003 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

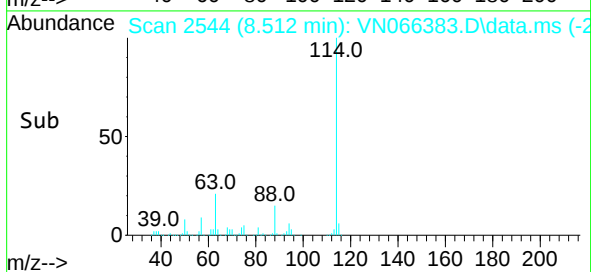
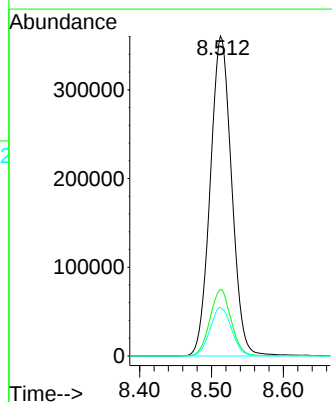
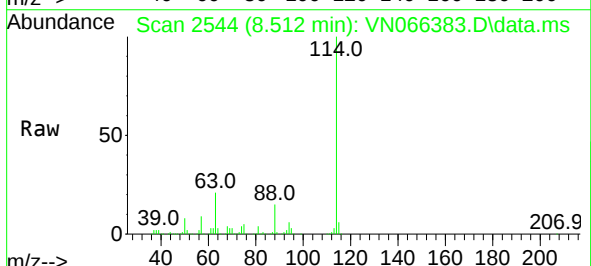
Tgt Ion: 114 Resp: 743300

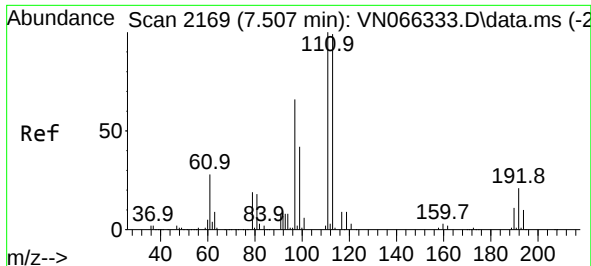
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.73 ug/l

RT: 7.504 min Scan# 2168

Delta R.T. -0.003 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

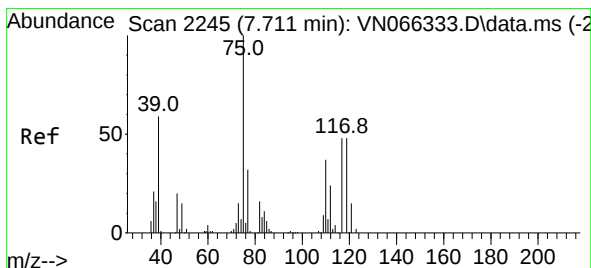
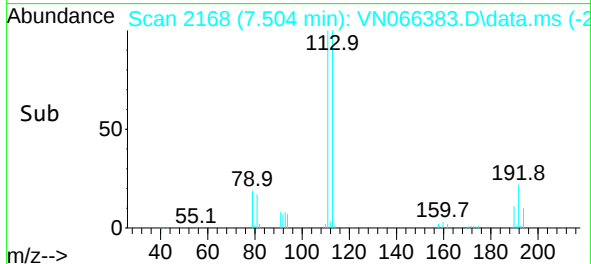
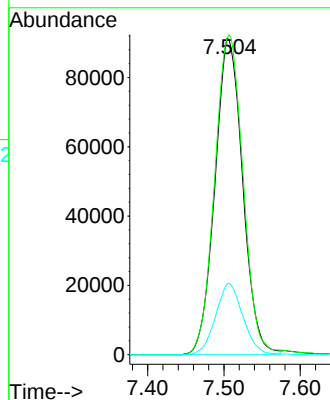
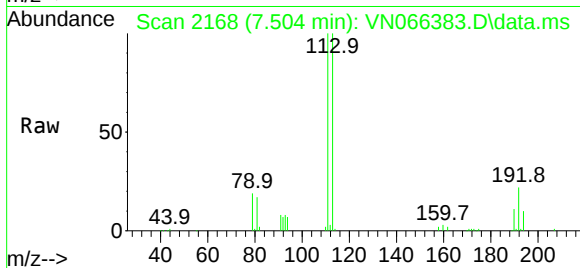
Tgt Ion: 113 Resp: 230262

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

192 22.2 17.1 25.7



#36

1,1-Dichloropropene

Concen: 5.11 ug/l

RT: 7.582 min Scan# 2197

Delta R.T. -0.129 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

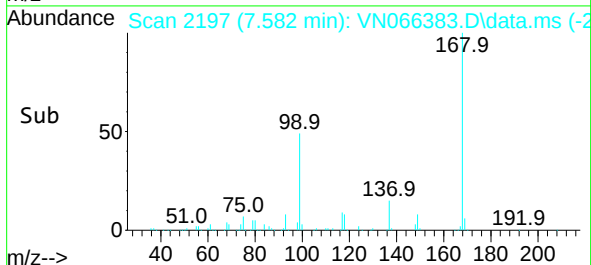
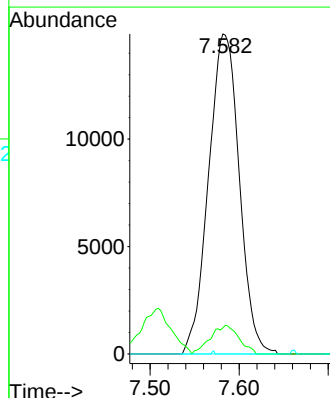
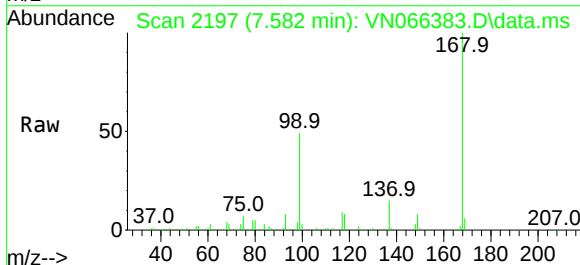
Tgt Ion: 75 Resp: 35707

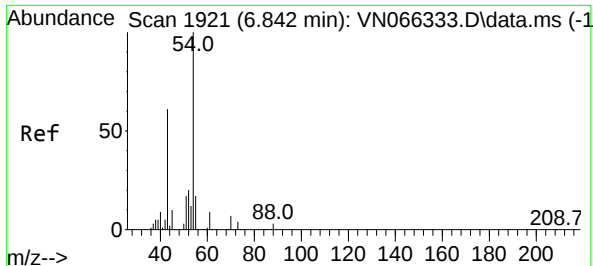
Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.00 ug/l

RT: 6.855 min Scan# 1926

Delta R.T. 0.013 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

Instrument :

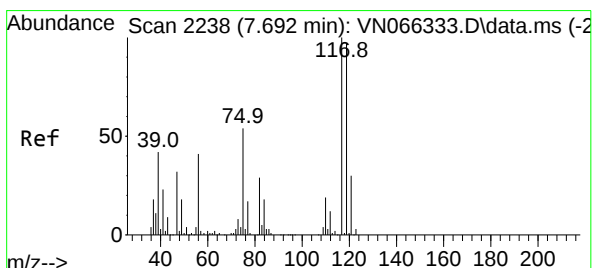
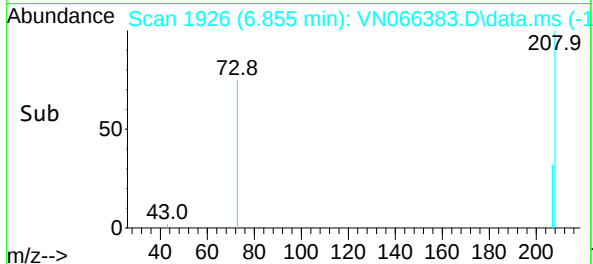
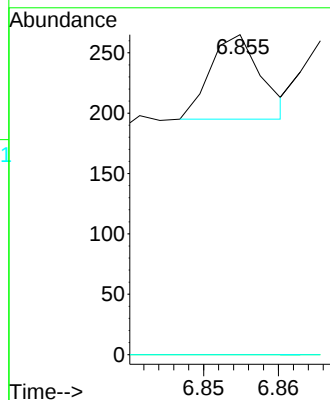
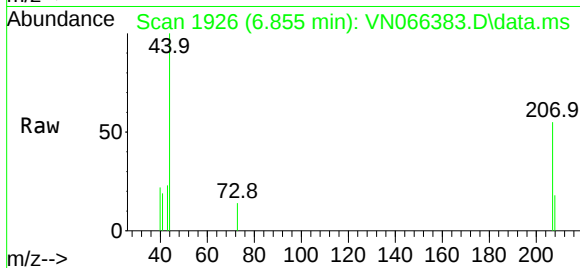
MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 43 Resp: 33

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.0	12.0#



#38

Carbon Tetrachloride

Concen: 6.55 ug/l

RT: 7.584 min Scan# 2198

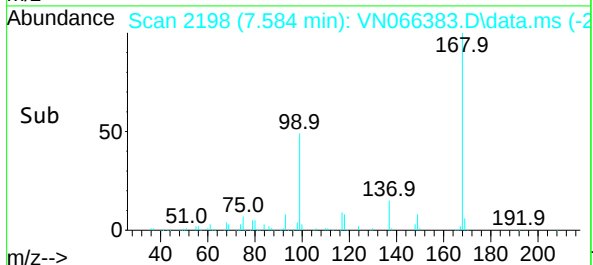
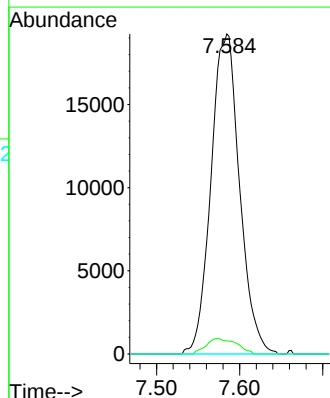
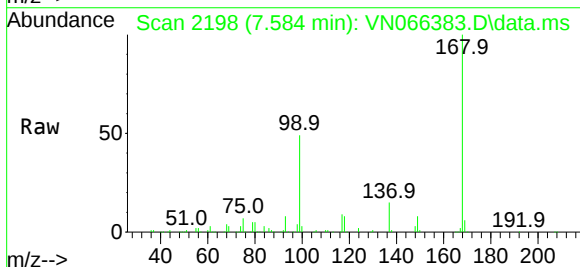
Delta R.T. -0.107 min

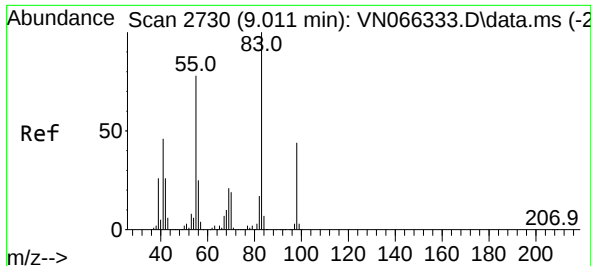
Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

Tgt Ion: 117 Resp: 46004

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.2	115.8#
121	0.0	24.2	36.4#

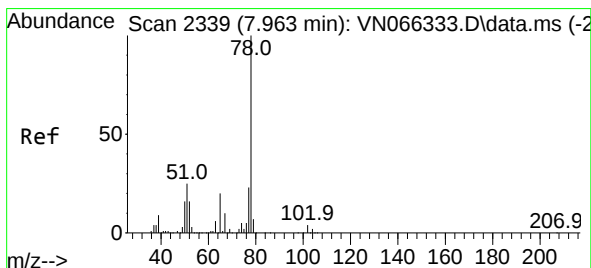
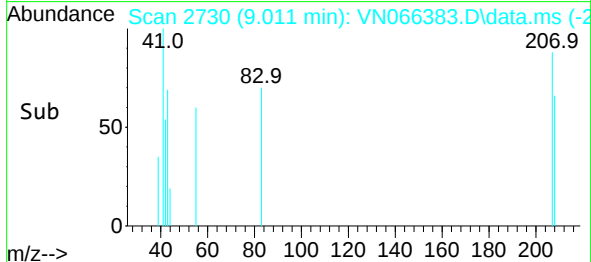
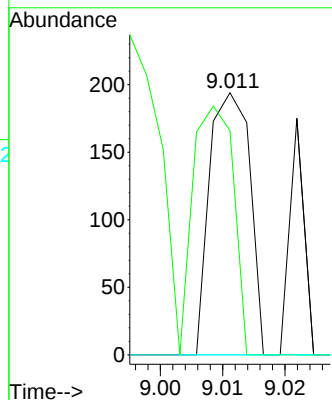
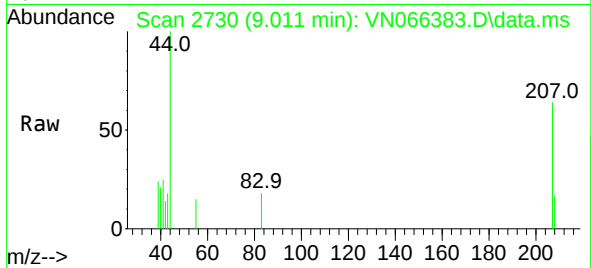




#39
Methylcyclohexane
Concen: 0.01 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

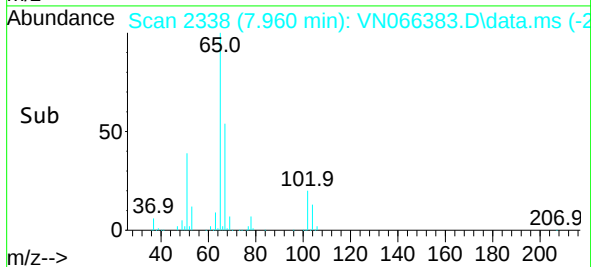
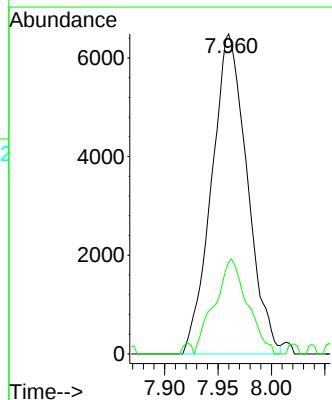
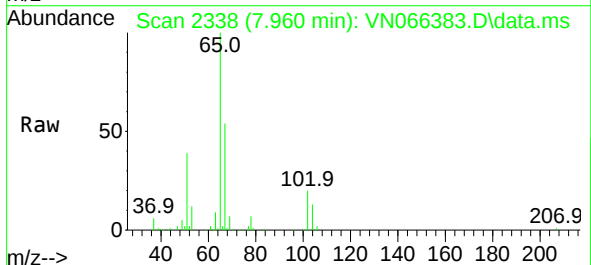
Instrument :
MSVOA_N
ClientSampled :
IBLK

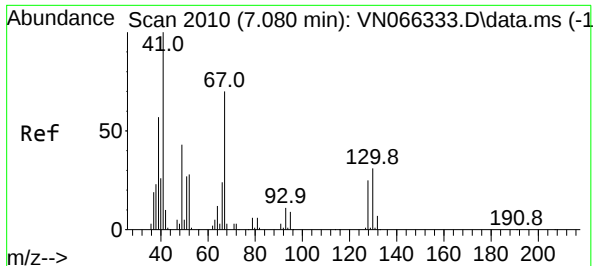
Tgt Ion: 83 Resp: 87
Ion Ratio Lower Upper
83 100
55 85.6 62.3 93.5
98 0.0 35.6 53.4#



#40
Benzene
Concen: 0.71 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 78 Resp: 15000
Ion Ratio Lower Upper
78 100
77 28.7 18.7 28.1#





#41

Methacrylonitrile

Concen: 0.05 ug/l

RT: 7.080 min Scan# 2010

Delta R.T. -0.000 min

Lab File: VN066333.D

Acq: 29 Mar 2021 17:45

Tgt Ion: 41 Resp: 205

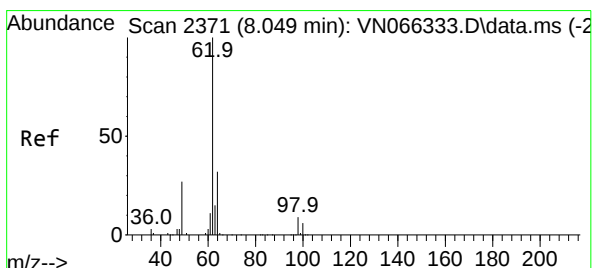
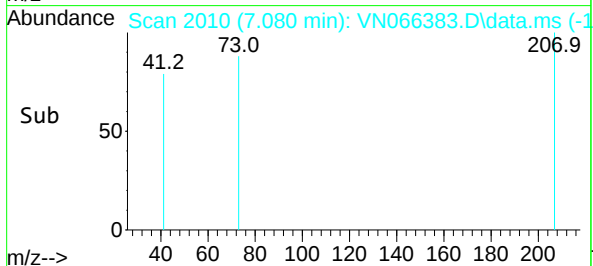
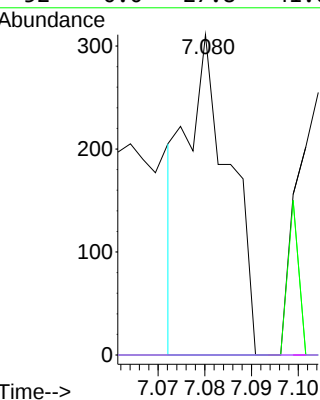
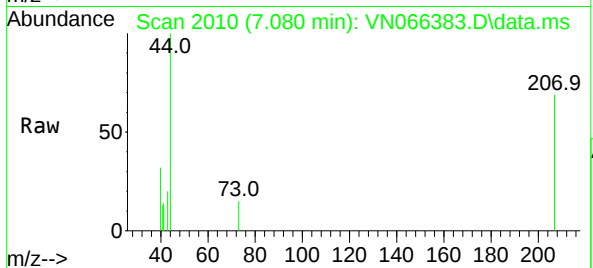
Ion Ratio Lower Upper

41 100

39 0.0 51.7 77.5#

67 0.0 68.5 102.7#

52 0.0 27.8 41.6#



#42

1,2-Dichloroethane

Concen: 0.05 ug/l

RT: 8.048 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VN066333.D

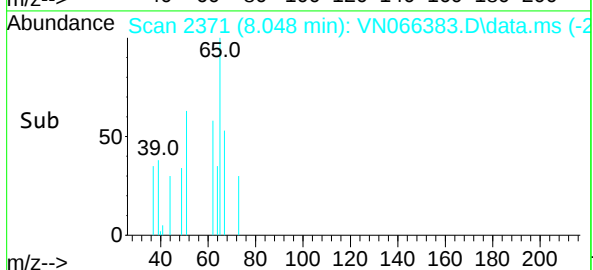
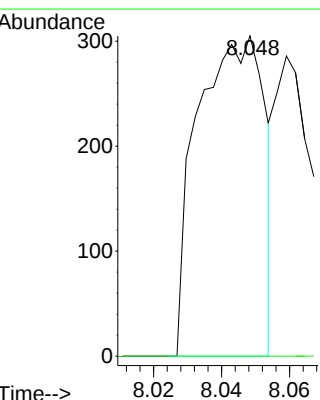
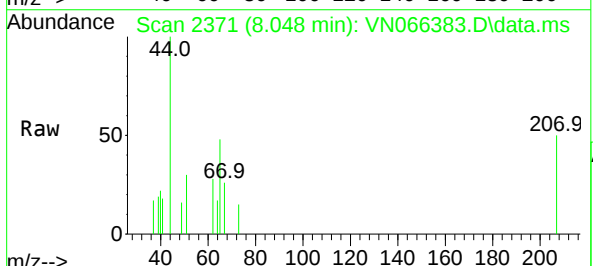
Acq: 29 Mar 2021 17:45

Tgt Ion: 62 Resp: 415

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6

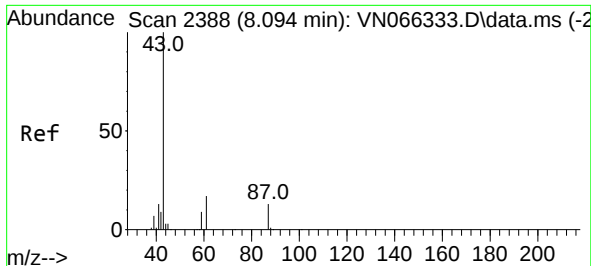


Instrument :

MSVOA_N

ClientSampled :

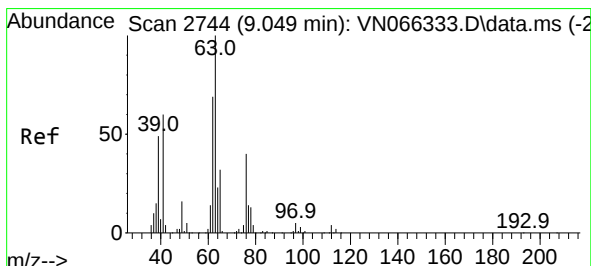
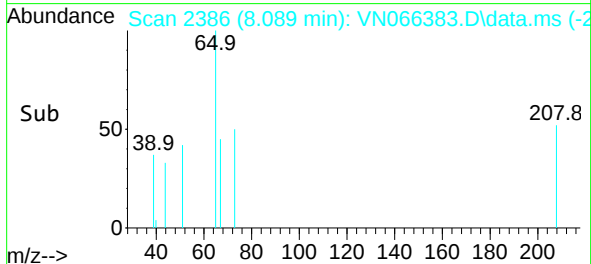
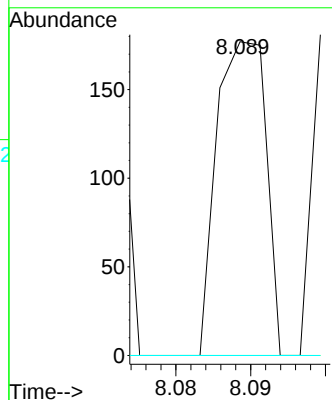
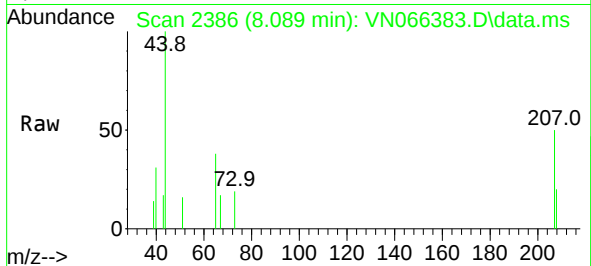
IBLK



#43
Isopropyl Acetate
Concen: 0.01 ug/l
RT: 8.089 min Scan# 2386
Delta R.T. -0.006 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

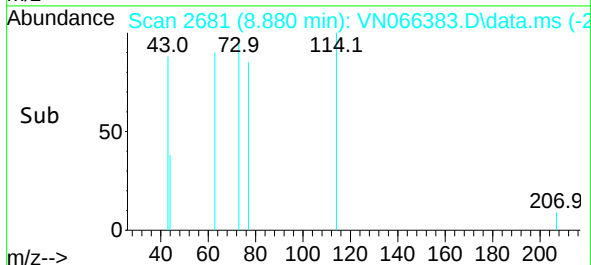
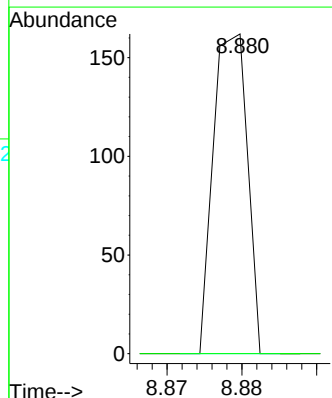
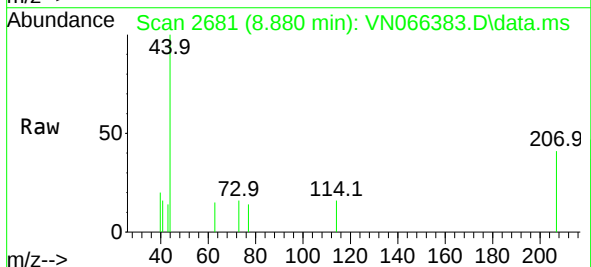
Instrument :
MSVOA_N
ClientSampled :
IBLK

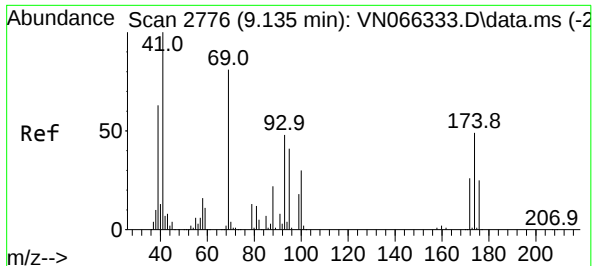
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 0.01 ug/l
RT: 8.880 min Scan# 2681
Delta R.T. -0.169 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
65 0.0 25.5 38.3#





#48

Methyl methacrylate

Concen: 0.01 ug/l

RT: 9.135 min Scan# 2776

Delta R.T. -0.000 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

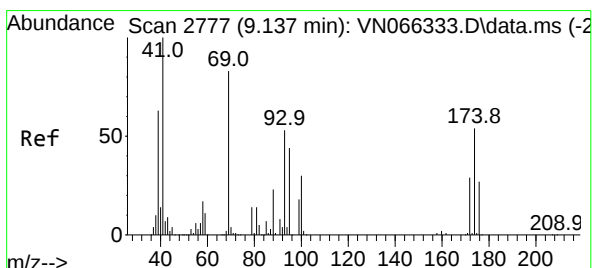
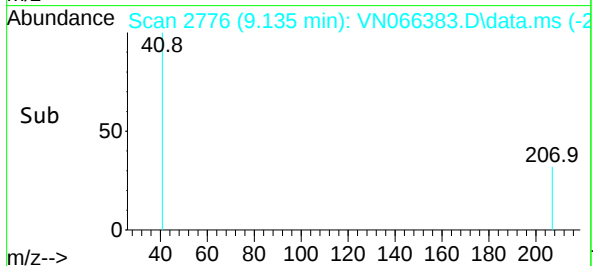
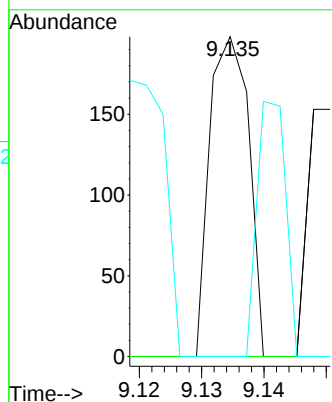
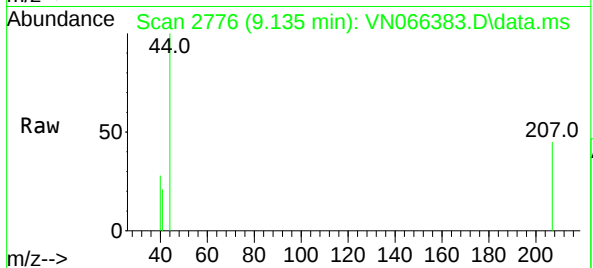
Instrument :

MSVOA_N

ClientSampled :

IBLK

Tgt Ion:	41	Resp:	86
Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.2	99.4#
39	58.1	51.5	77.3



#49

1,4-Dioxane

Concen: 1.18 ug/l

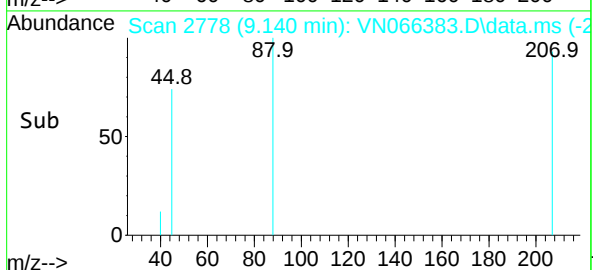
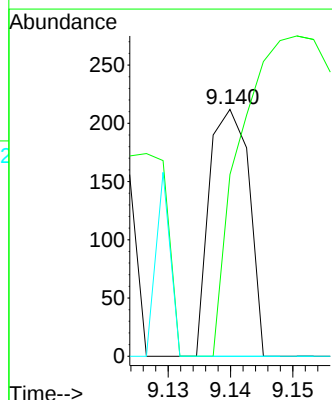
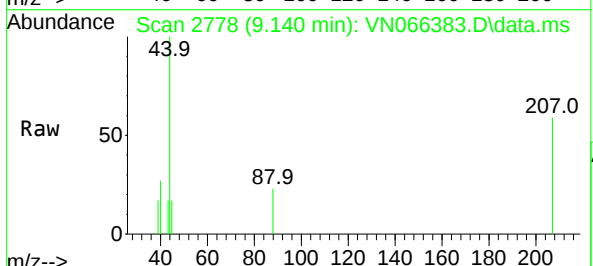
RT: 9.140 min Scan# 2778

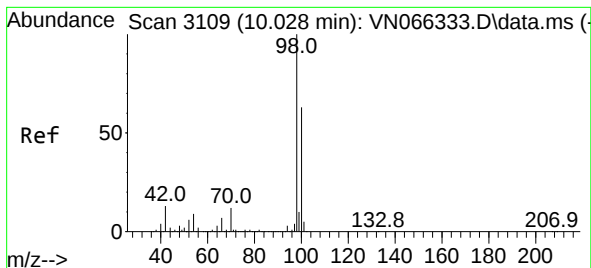
Delta R.T. 0.003 min

Lab File: VN066383.D

Acq: 29 Mar 2021 17:45

Tgt Ion:	88	Resp:	93
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.2	42.4#
58	26.9	56.6	84.8#

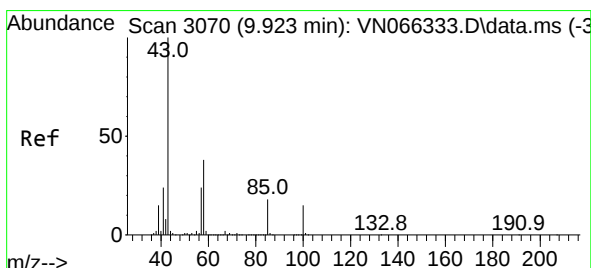
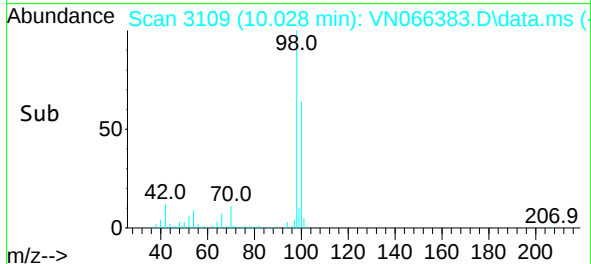
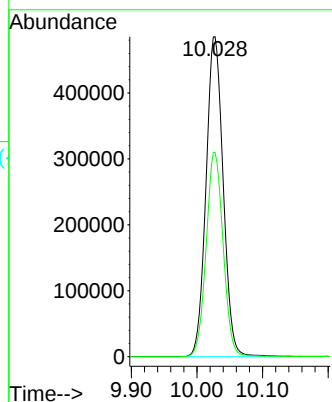
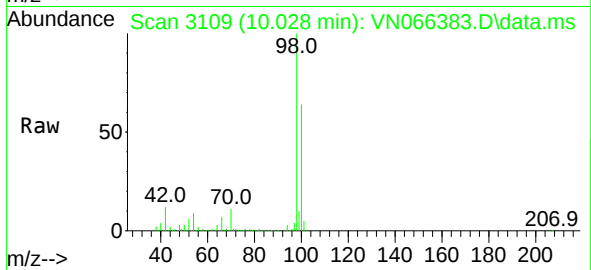




#50
Toluene-d8
Concen: 47.17 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

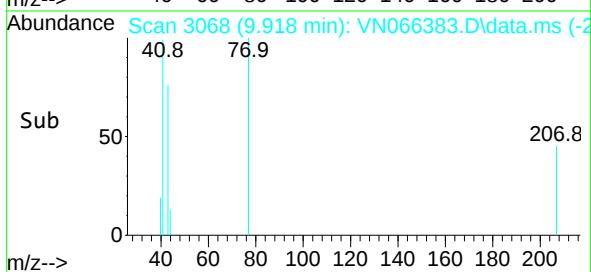
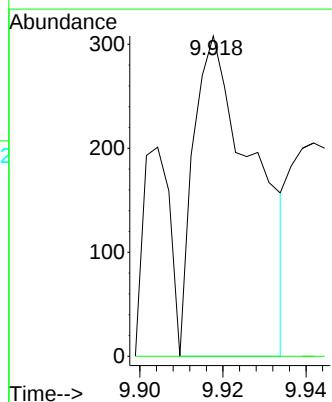
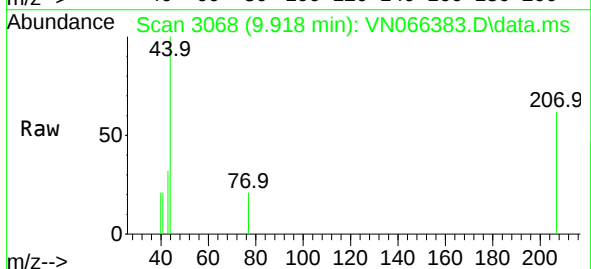
Instrument :
MSVOA_N
ClientSampled :
IBLK

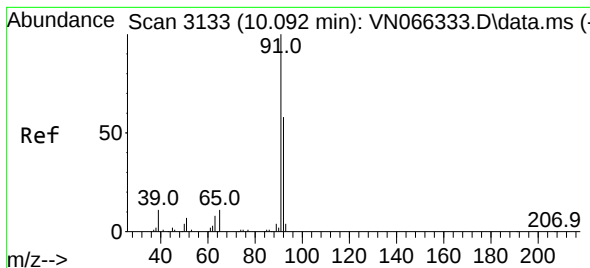
Tgt Ion: 98 Resp: 881599
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.04 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.006 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#





#52

Toluene

Concen: 0.79 ug/l

RT: 10.092 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VN066383.D

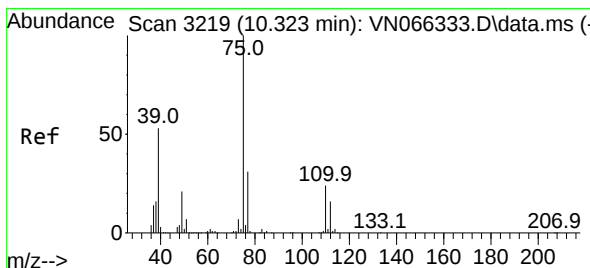
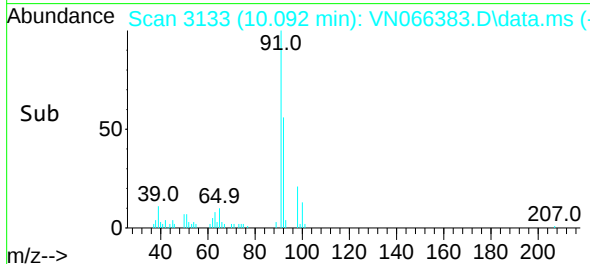
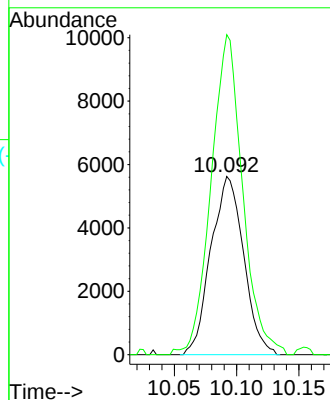
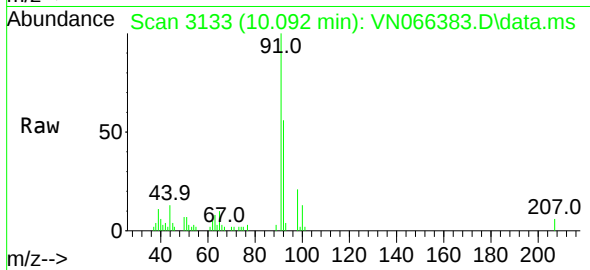
Acq: 29 Mar 2021 17:45

Tgt Ion: 92 Resp: 10283

Ion Ratio Lower Upper

92 100

91 173.1 138.8 208.2



#53

t-1,3-Dichloropropene

Concen: 0.00 ug/l

RT: 10.307 min Scan# 3213

Delta R.T. -0.016 min

Lab File: VN066383.D

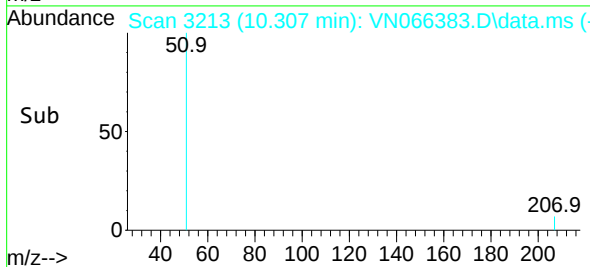
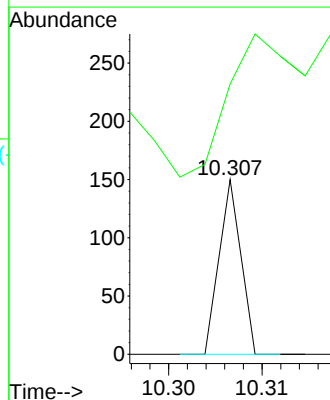
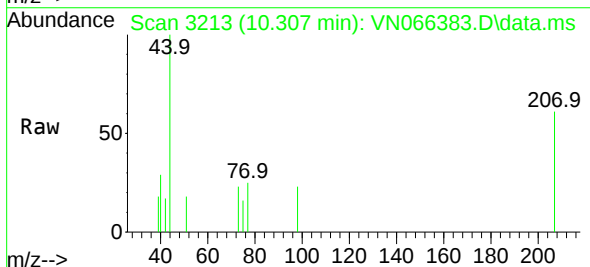
Acq: 29 Mar 2021 17:45

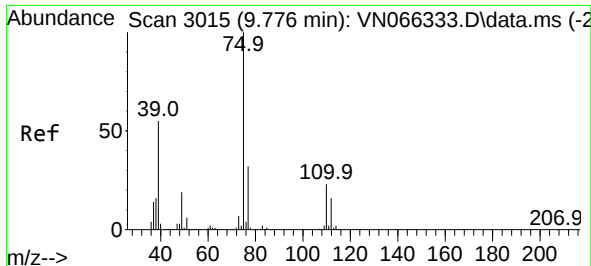
Tgt Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

77 53.3 25.0 37.6#

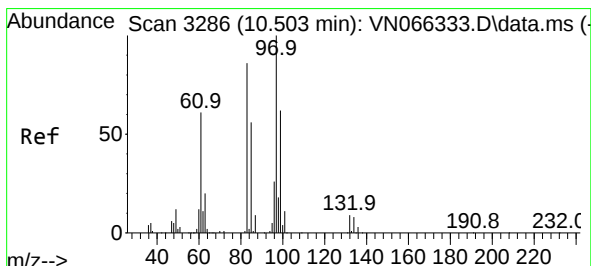
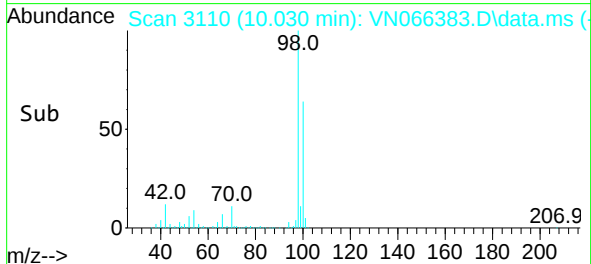
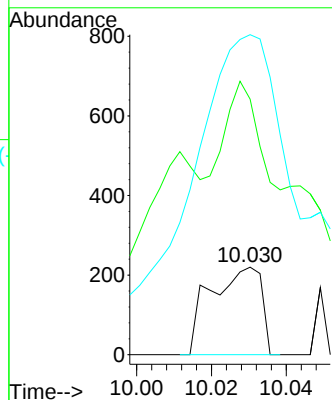
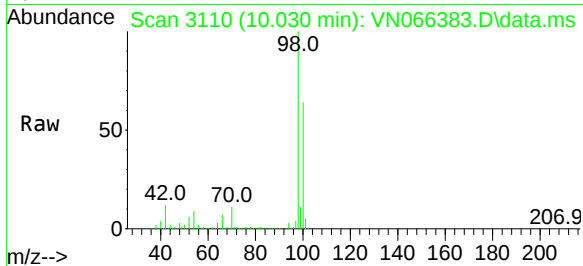




#54
cis-1,3-Dichloropropene
Concen: 0.02 ug/l
RT: 10.030 min Scan# 3110
Delta R.T. 0.255 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

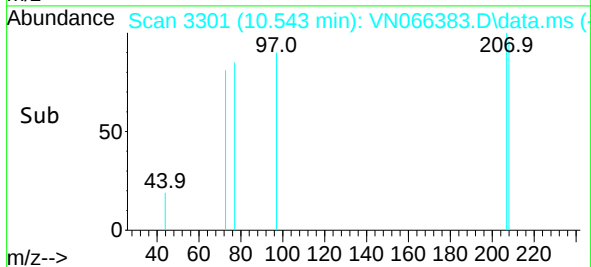
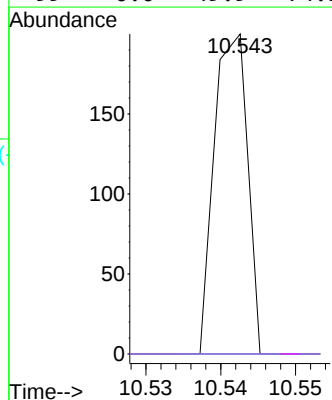
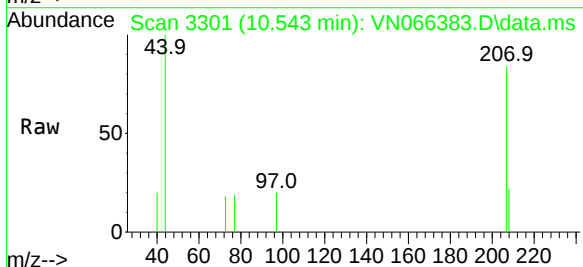
Instrument :
MSVOA_N
ClientSampled :
IBLK

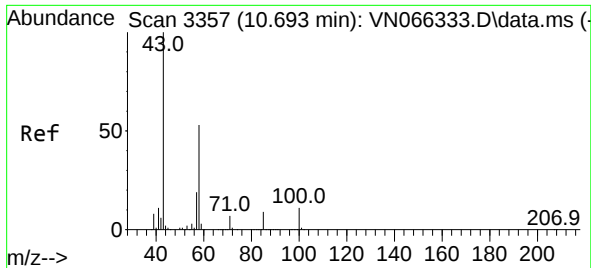
Tgt Ion: 75 Resp: 208
Ion Ratio Lower Upper
75 100
77 103.6 25.4 38.2#
39 214.5 44.2 66.4#



#55
1,1,2-Trichloroethane
Concen: 0.01 ug/l
RT: 10.543 min Scan# 3301
Delta R.T. 0.040 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 97 Resp: 62
Ion Ratio Lower Upper
97 100
83 0.0 68.9 103.3#
85 0.0 45.1 67.7#
99 0.0 49.9 74.9#

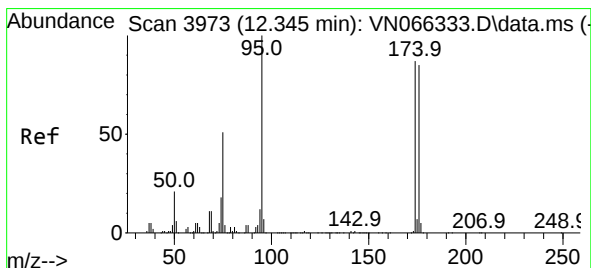
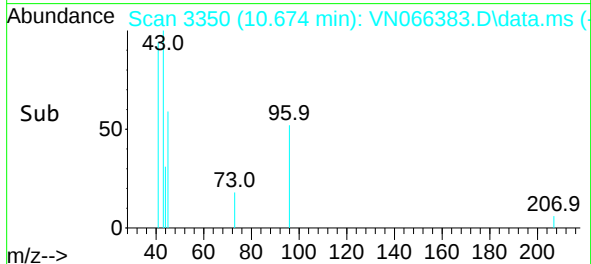
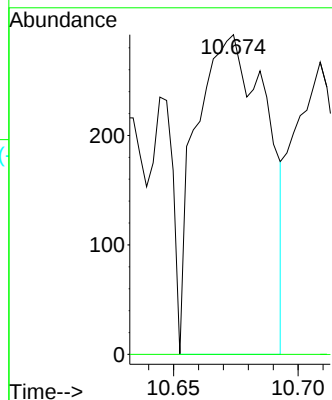
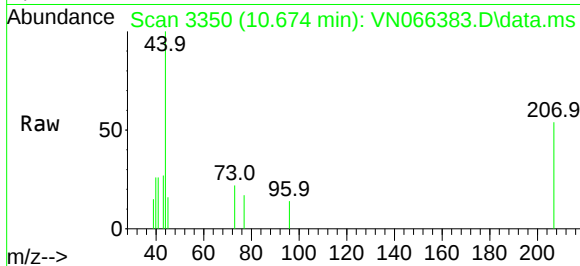




#59
2-Hexanone
Concen: 0.11 ug/l
RT: 10.674 min Scan# 3350
Delta R.T. -0.019 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

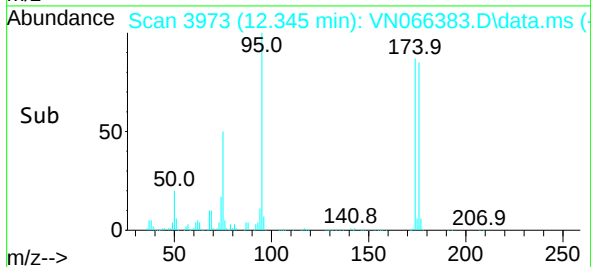
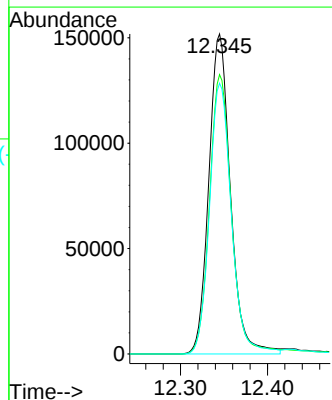
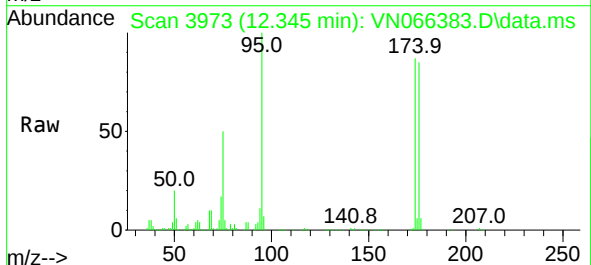
Instrument :
MSVOA_N
ClientSampled :
IBLK

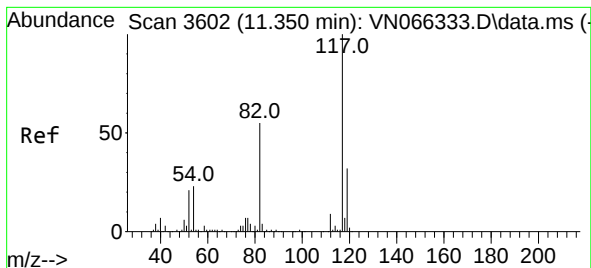
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 40.49 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 95 Resp: 262856
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.2
176 85.7 0.0 167.8

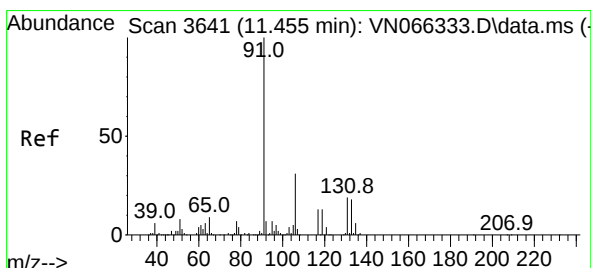
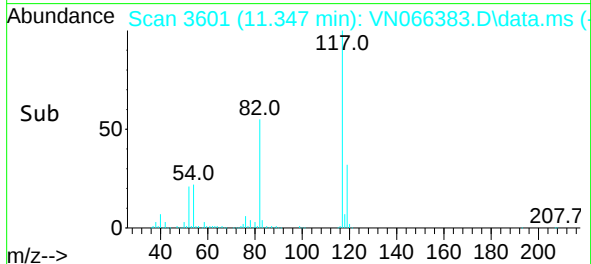
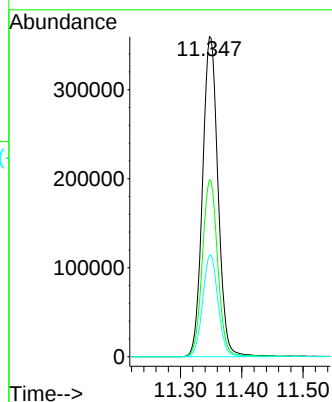
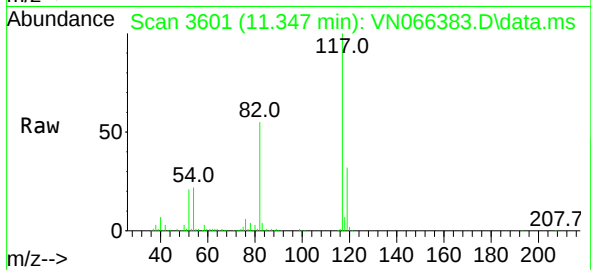




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

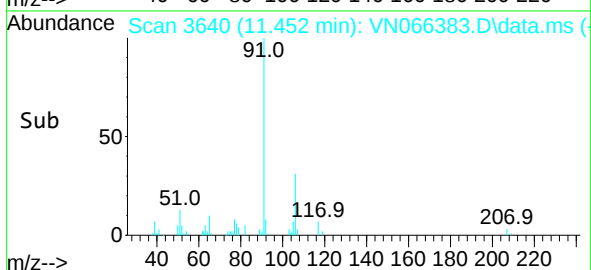
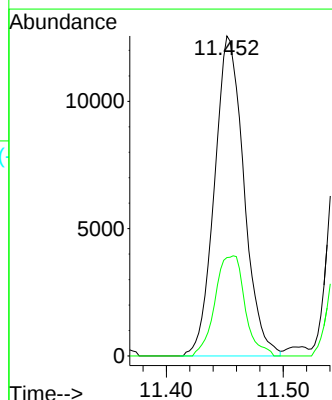
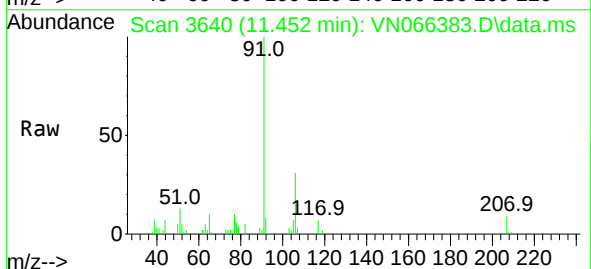
Instrument :
MSVOA_N
ClientSampleId :
IBLK

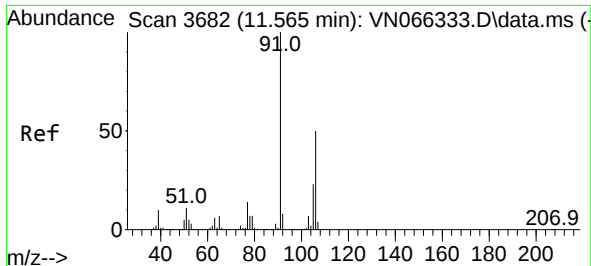
Tgt Ion:117 Resp: 631733
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 0.96 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 91 Resp: 21978
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

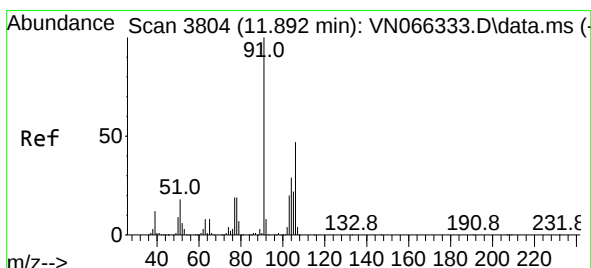
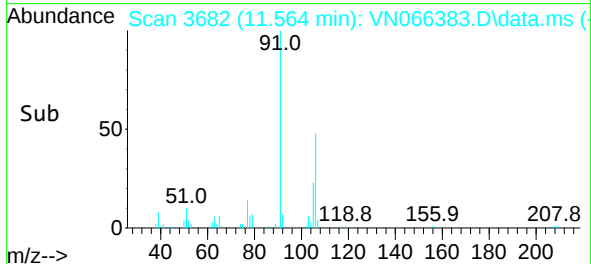
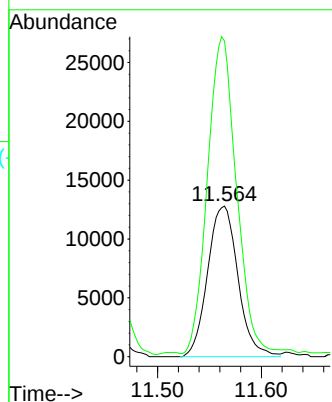
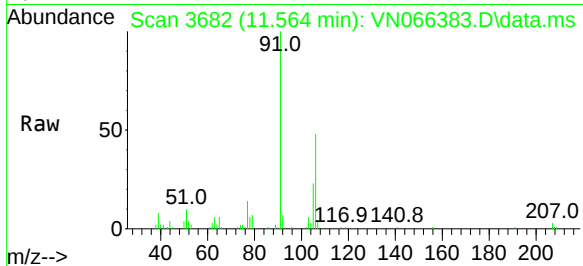




#68
m/p-Xylenes
Concen: 2.99 ug/l
RT: 11.564 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

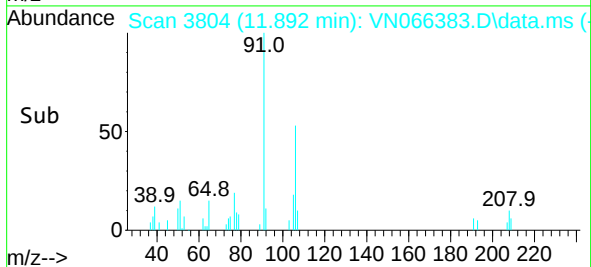
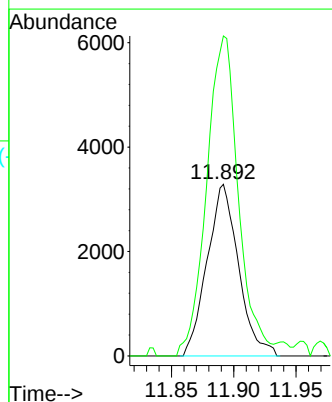
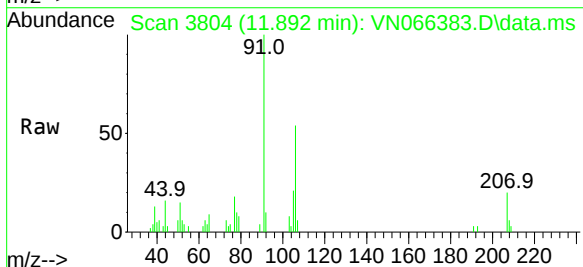
Instrument :
MSVOA_N
ClientSampled :
IBLK

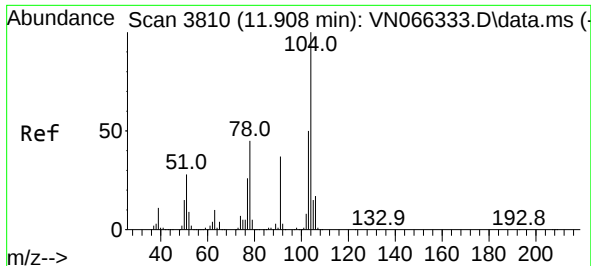
Tgt Ion:106 Resp: 25974
Ion Ratio Lower Upper
106 100
91 200.3 162.7 244.1



#69
o-Xylene
Concen: 0.69 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:106 Resp: 5766
Ion Ratio Lower Upper
106 100
91 188.0 107.1 321.4

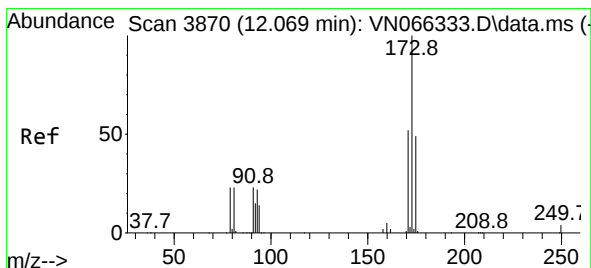
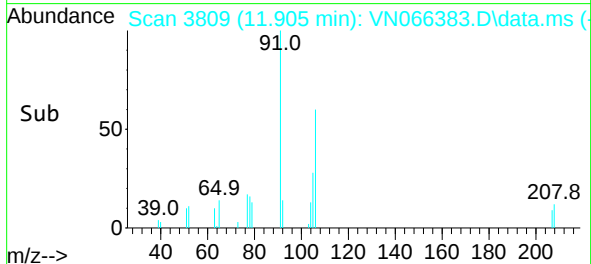
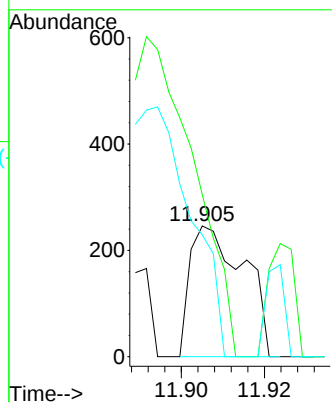
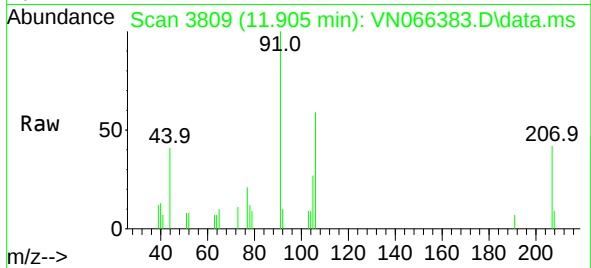




#70
Styrene
Concen: 0.02 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

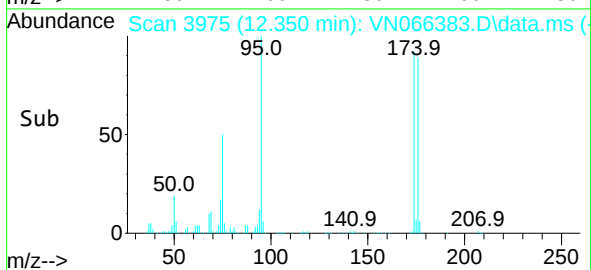
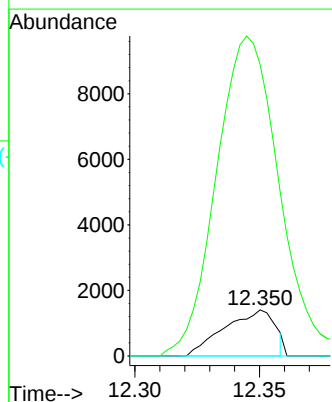
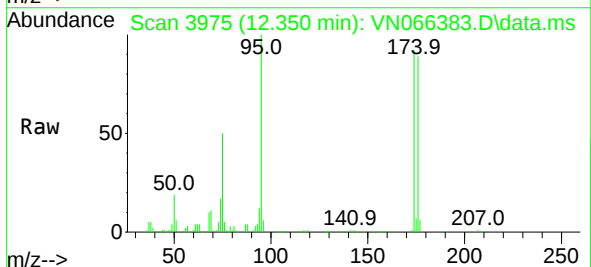
Instrument :
MSVOA_N
ClientSampled :
IBLK

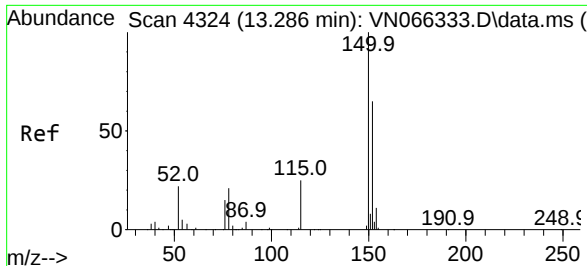
Tgt Ion:104 Resp: 221
Ion Ratio Lower Upper
104 100
78 42.1 40.7 61.1
103 24.4 44.2 66.2#



#71
Bromoform
Concen: 0.49 ug/l
RT: 12.350 min Scan# 3975
Delta R.T. 0.281 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:173 Resp: 1981
Ion Ratio Lower Upper
173 100
175 760.8 24.3 72.8#
254 0.0 0.0 0.0

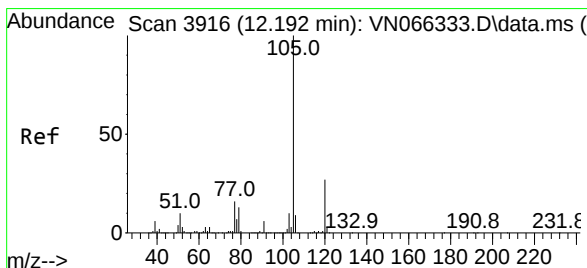
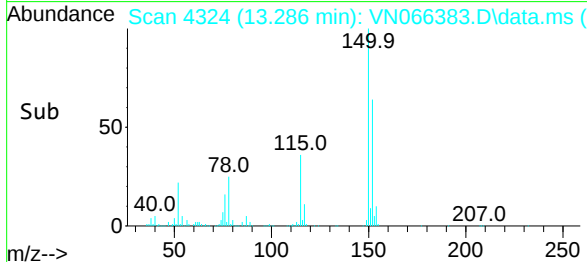
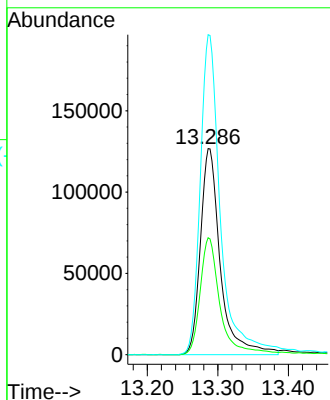
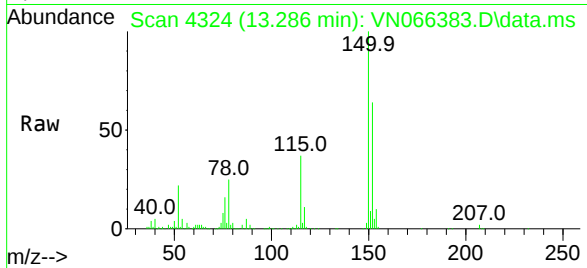




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

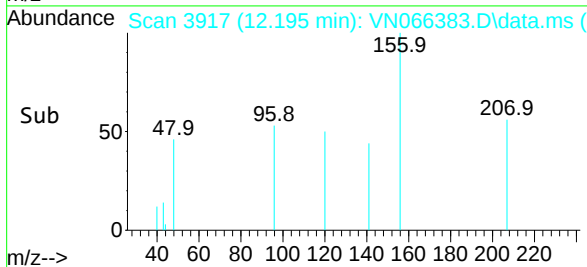
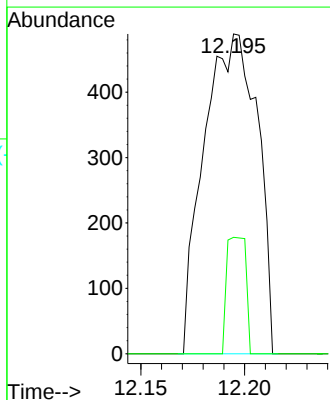
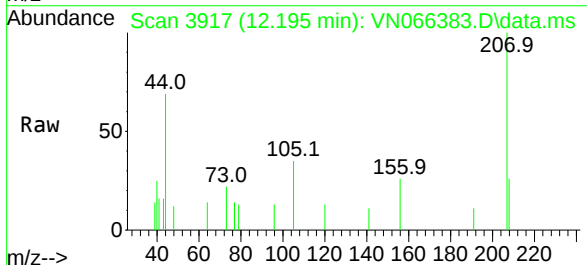
Instrument :
MSVOA_N
ClientSampled :
IBLK

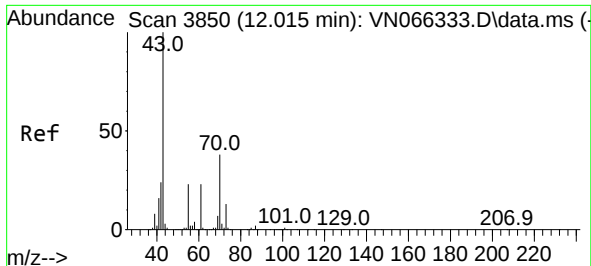
Tgt Ion:152 Resp: 248999
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.4
150 159.7 0.0 348.4



#73
Isopropylbenzene
Concen: 0.05 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:105 Resp: 875
Ion Ratio Lower Upper
105 100
120 13.0 13.3 39.8#

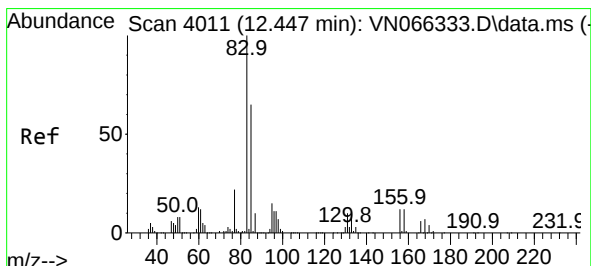
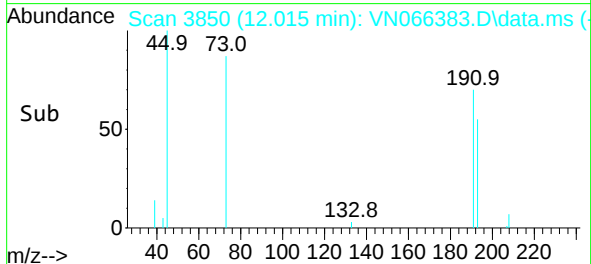
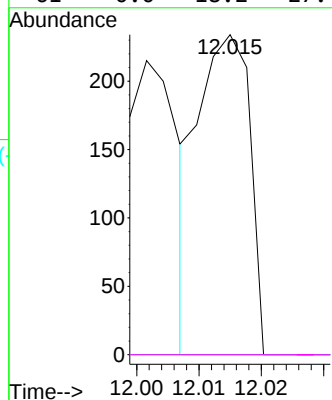
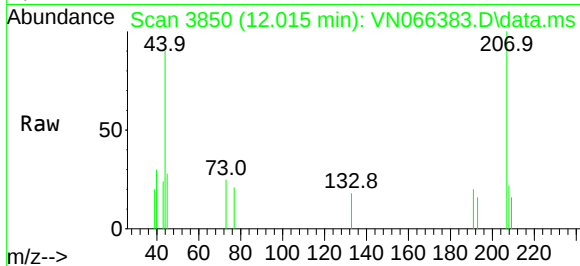




#74
N-amy1 acetate
Concen: 3.21 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

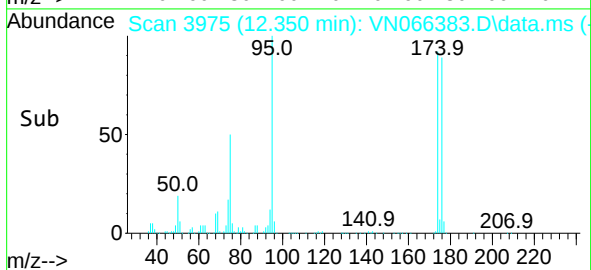
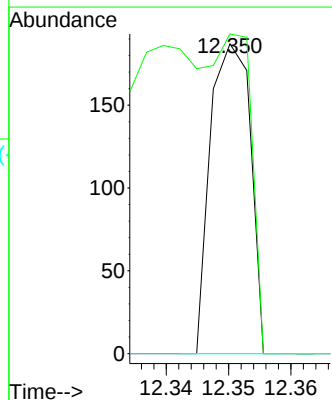
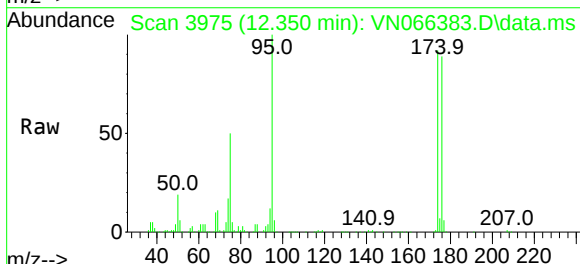
Instrument :
MSVOA_N
ClientSampled :
IBLK

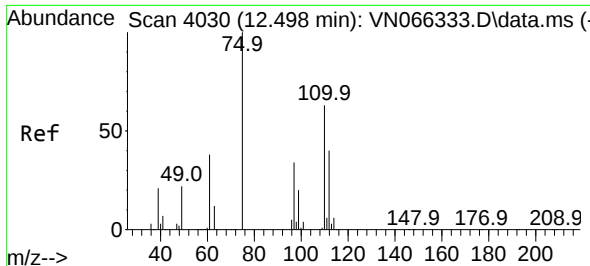
Tgt Ion:	43	Resp:	133
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.2	46.8#
55	0.0	18.6	28.0#
61	0.0	18.2	27.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.01 ug/l
RT: 12.350 min Scan# 3975
Delta R.T. -0.097 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:	83	Resp:	83
Ion	Ratio	Lower	Upper
83	100		
131	171.1	5.0	15.0#
85	0.0	33.8	101.3#

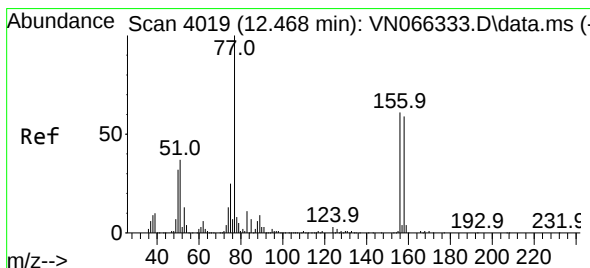
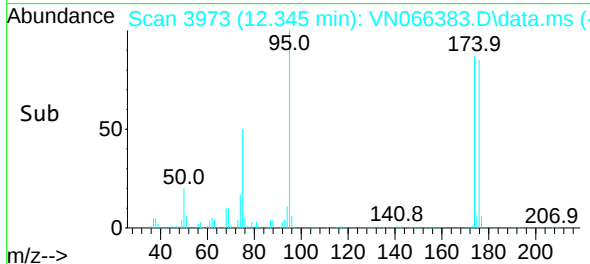
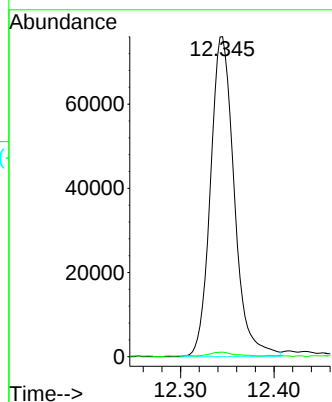
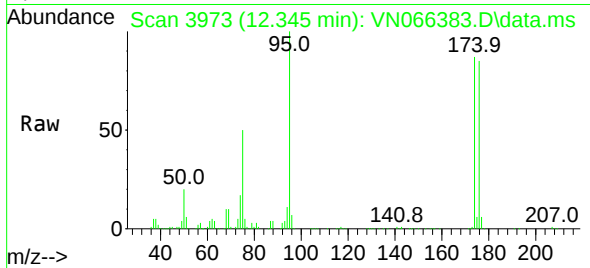




#76
1,2,3-Trichloropropane
Concen: 24.66 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

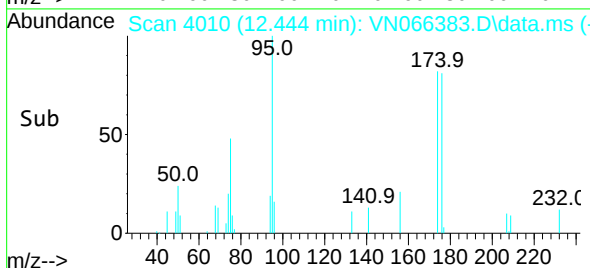
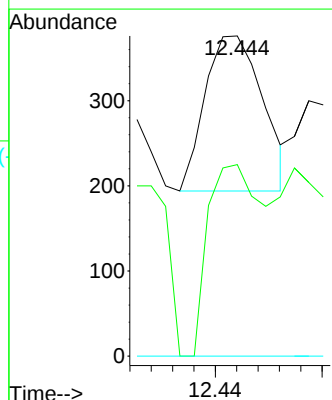
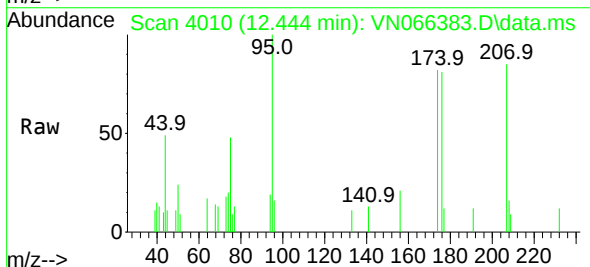
Instrument :
MSVOA_N
ClientSampled :
IBLK

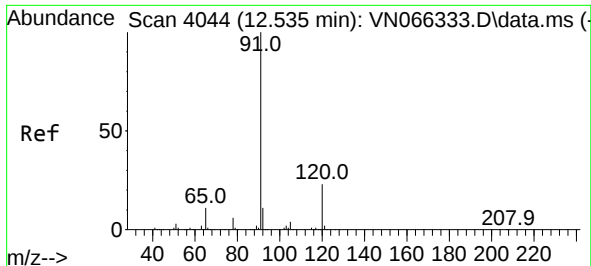
Tgt Ion: 75 Resp: 134723
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#77
Bromobenzene
Concen: 0.03 ug/l
RT: 12.444 min Scan# 4010
Delta R.T. -0.024 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 156 Resp: 137
Ion Ratio Lower Upper
156 100
77 116.1 99.7 299.1
158 0.0 48.8 146.3#

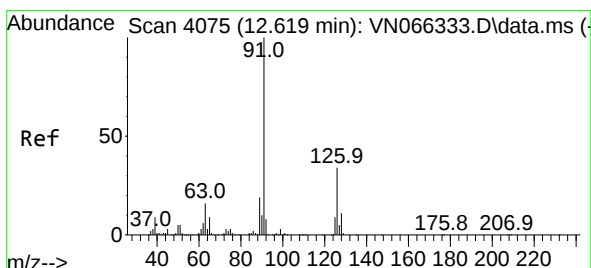
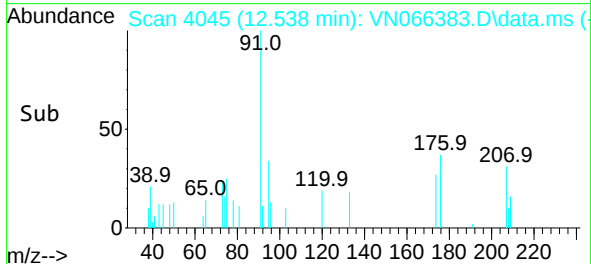
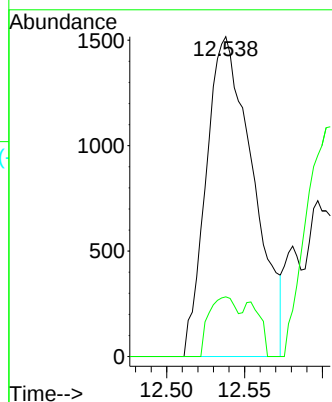
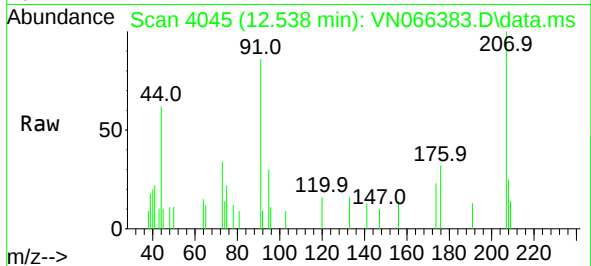




#78
n-propylbenzene
Concen: 0.16 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

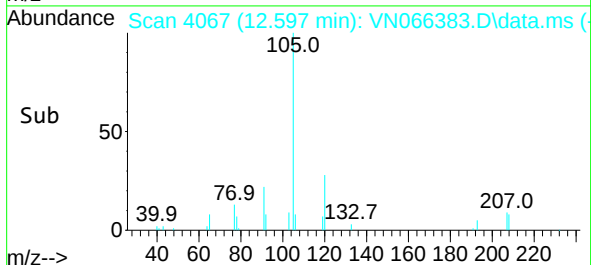
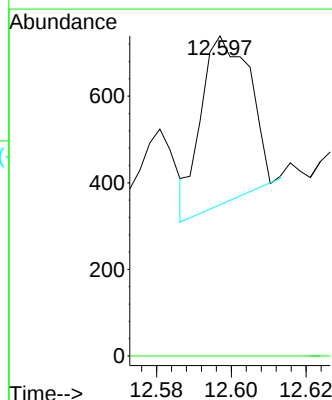
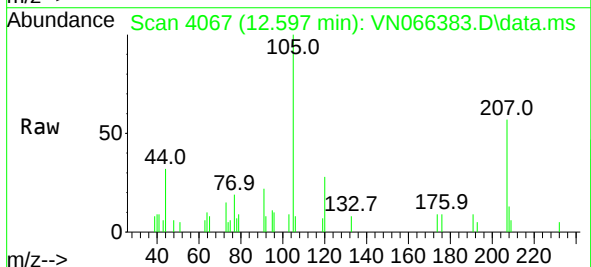
Instrument :
MSVOA_N
ClientSampled :
IBLK

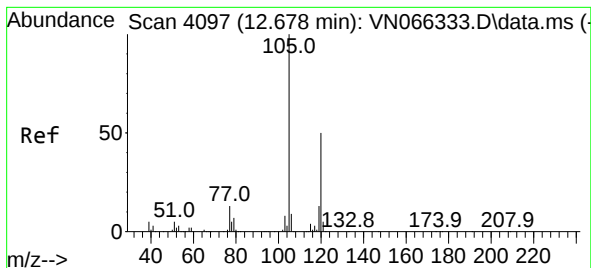
Tgt Ion: 91 Resp: 3168
Ion Ratio Lower Upper
91 100
120 11.0 11.7 35.1#



#79
2-Chlorotoluene
Concen: 0.03 ug/l
RT: 12.597 min Scan# 4067
Delta R.T. -0.022 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 91 Resp: 353
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.5#

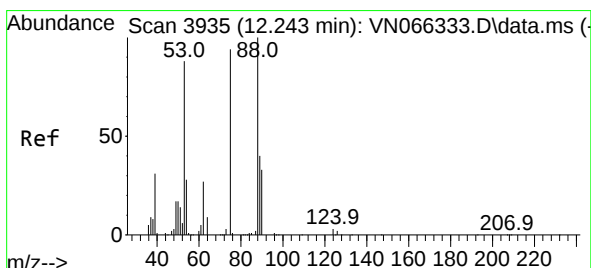
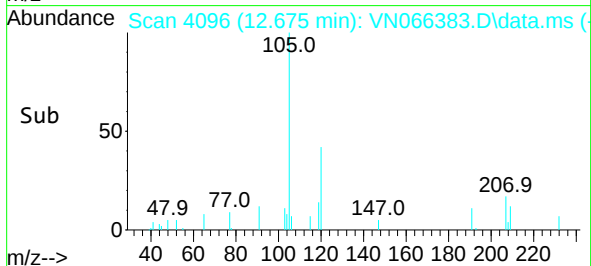
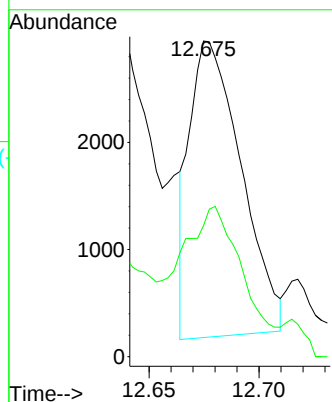
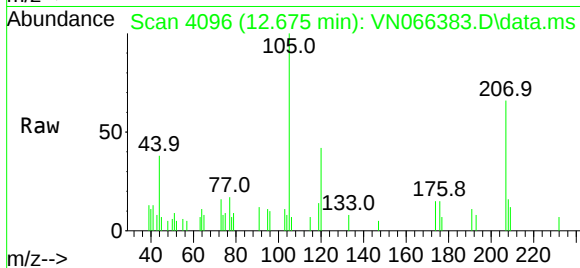




#80
1,3,5-Trimethylbenzene
Concen: 0.30 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

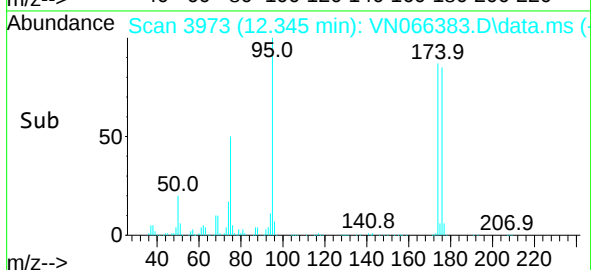
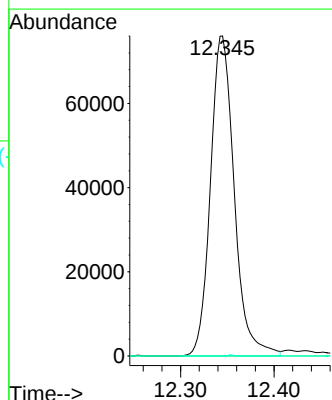
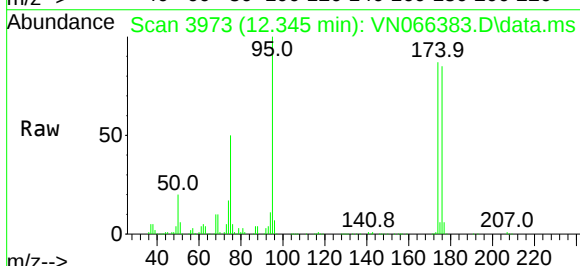
Instrument :
MSVOA_N
ClientSampled :
IBLK

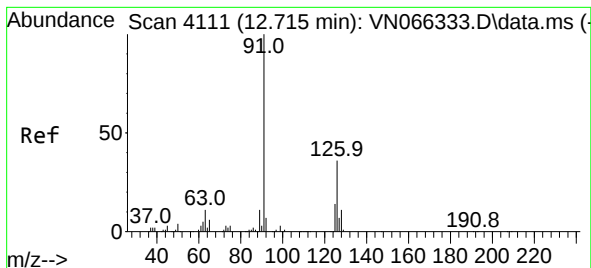
Tgt Ion:105 Resp: 4510
Ion Ratio Lower Upper
105 100
120 43.4 24.5 73.5



#81
trans-1,4-Dichloro-2-butene
Concen: 74.15 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 75 Resp: 134723
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 35.7 53.5#

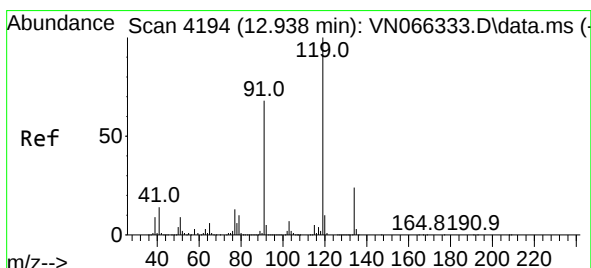
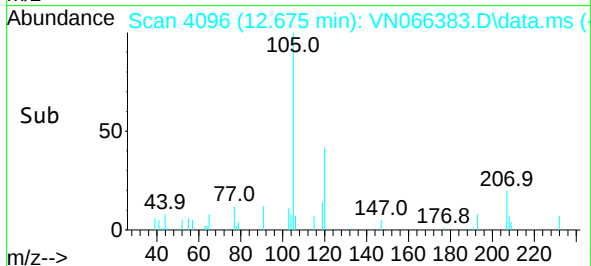
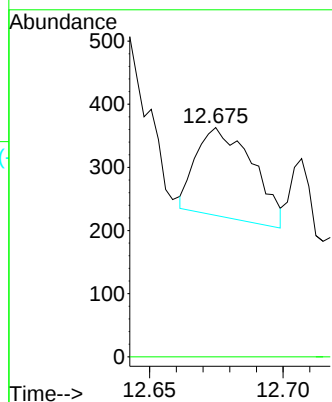
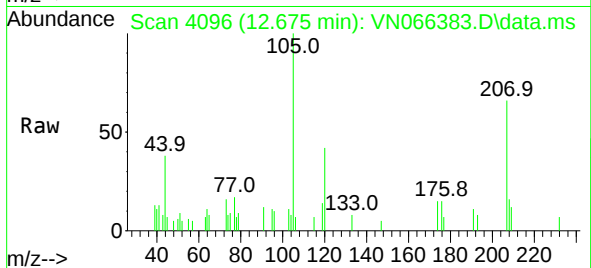




#82
4-Chlorotoluene
Concen: 0.02 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.040 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

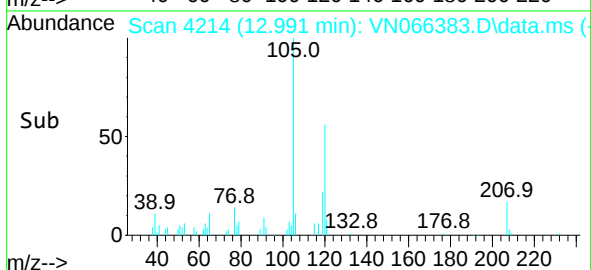
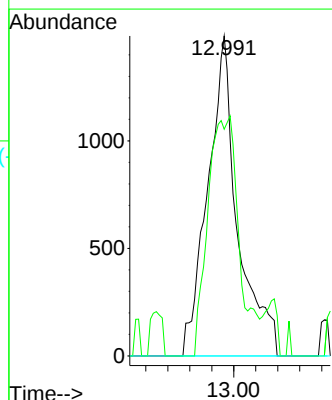
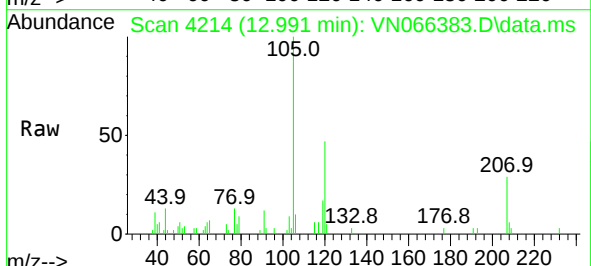
Instrument :
MSVOA_N
ClientSampled :
IBLK

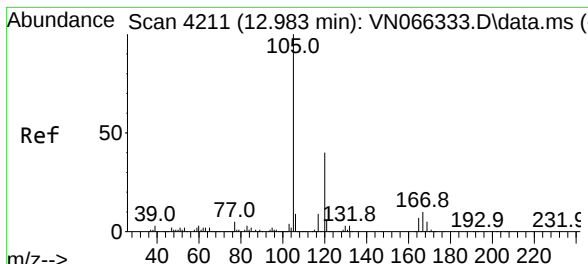
Tgt Ion: 91 Resp: 207
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#



#83
tert-Butylbenzene
Concen: 0.22 ug/l
RT: 12.991 min Scan# 4214
Delta R.T. 0.053 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 119 Resp: 2809
Ion Ratio Lower Upper
119 100
91 43.0 33.3 99.8
134 0.0 12.9 38.6#

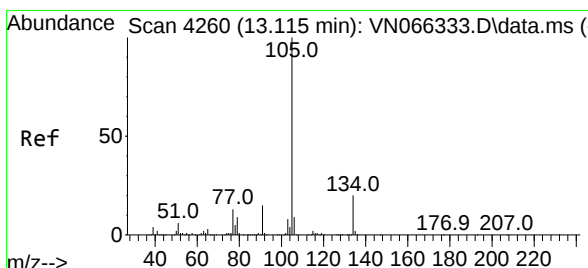
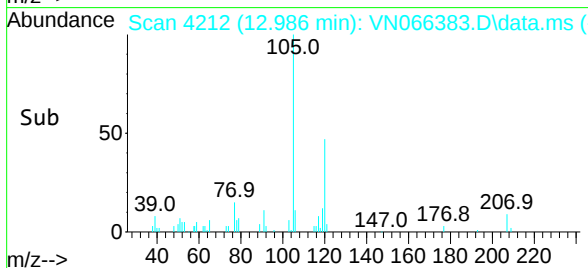
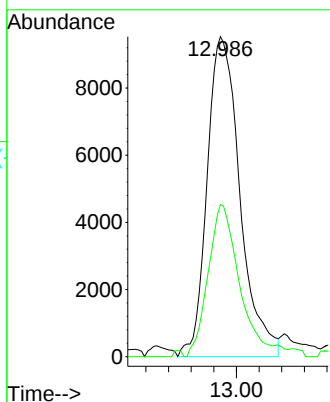
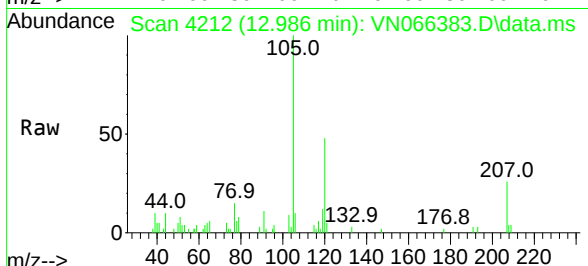




#84
1,2,4-Trimethylbenzene
Concen: 1.30 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

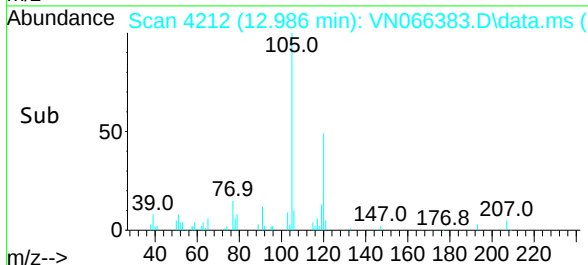
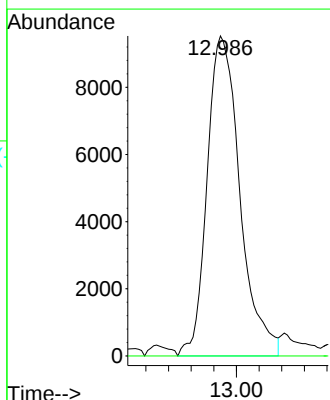
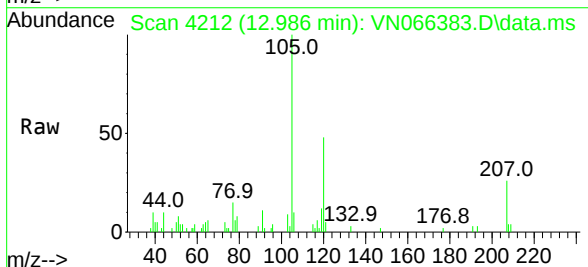
Instrument :
MSVOA_N
ClientSampled :
IBLK

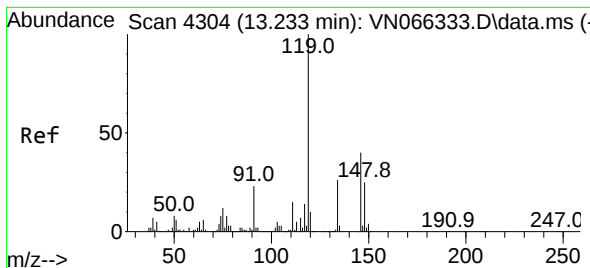
Tgt Ion:105 Resp: 19182
Ion Ratio Lower Upper
105 100
120 44.7 23.1 69.2



#85
sec-Butylbenzene
Concen: 1.14 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. -0.129 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:105 Resp: 19182
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#

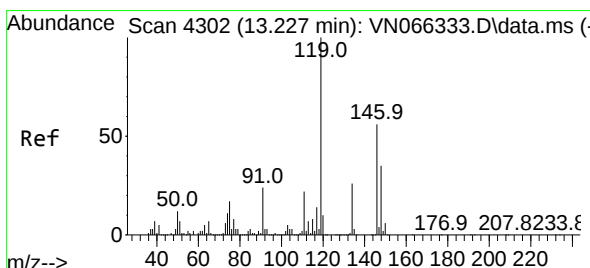
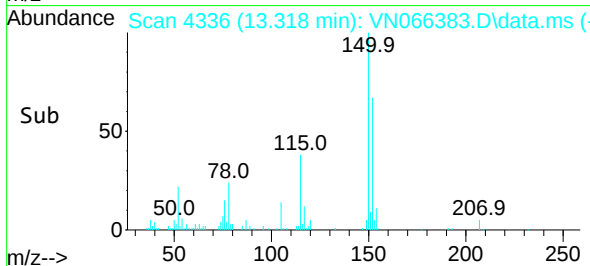
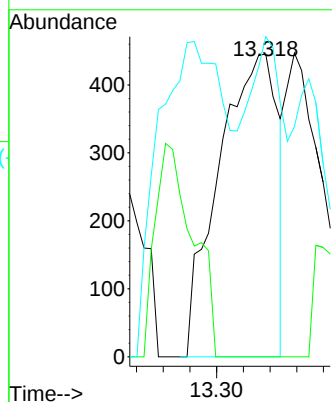
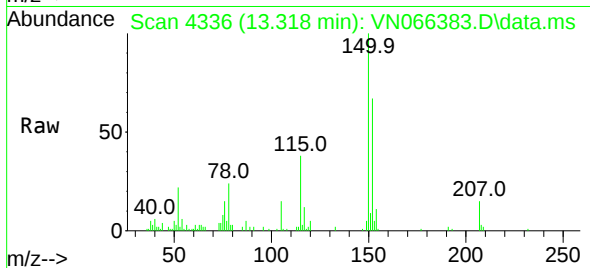




#86
p-Isopropyltoluene
Concen: 0.05 ug/l
RT: 13.318 min Scan# 4336
Delta R.T. 0.086 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

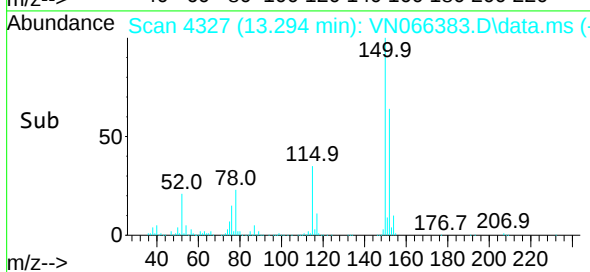
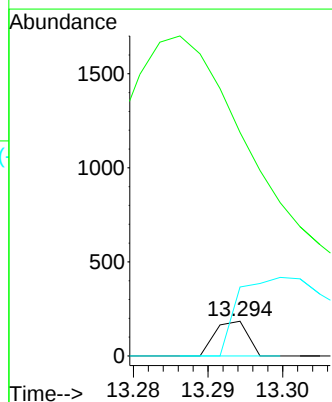
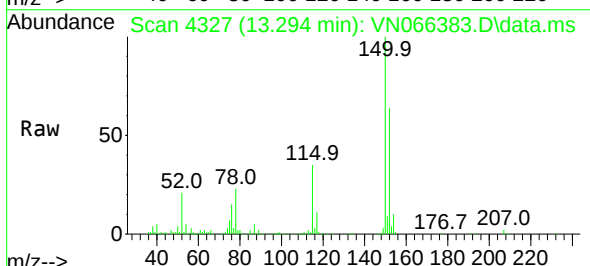
Instrument :
MSVOA_N
ClientSampled :
IBLK

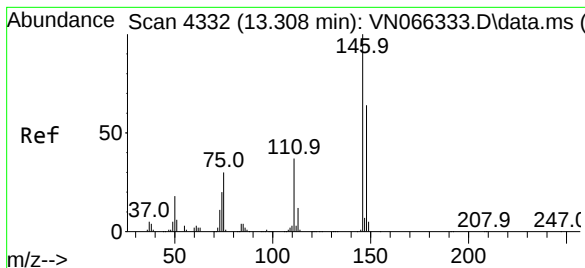
Tgt Ion:	119	Resp:	682
Ion	Ratio	Lower	Upper
119	100		
134	14.8	12.9	38.7
91	18.8	11.5	34.5



#87
1,3-Dichlorobenzene
Concen: 0.01 ug/l
RT: 13.294 min Scan# 4327
Delta R.T. 0.067 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:	146	Resp:	56
Ion	Ratio	Lower	Upper
146	100		
111	5039.3	19.4	58.1#
148	775.0	31.8	95.4#

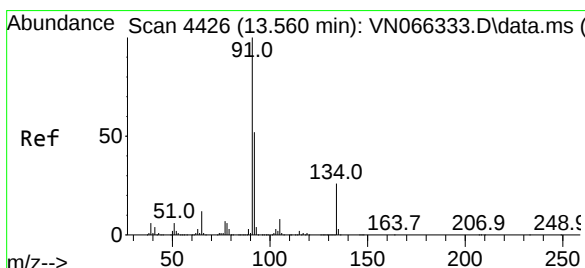
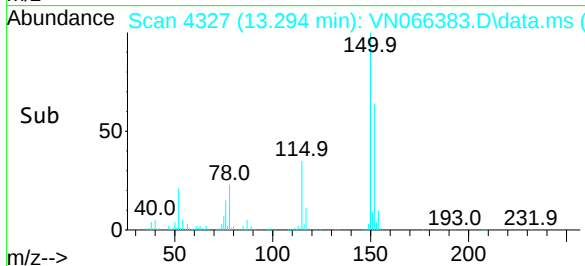
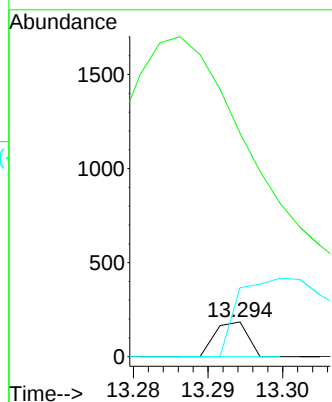
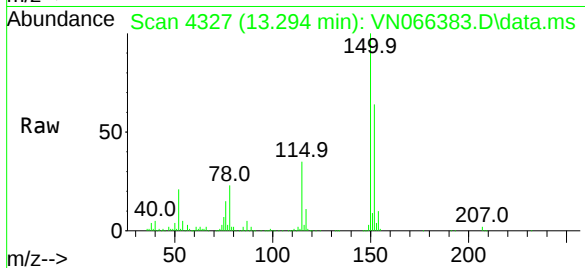




#88
1,4-Dichlorobenzene
Concen: 0.01 ug/l
RT: 13.294 min Scan# 4327
Delta R.T. -0.014 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

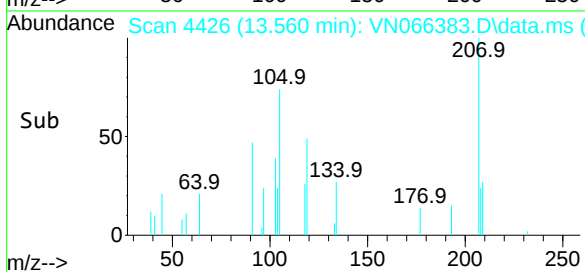
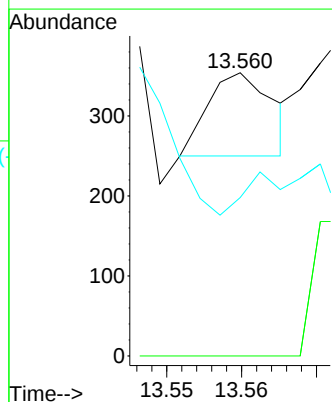
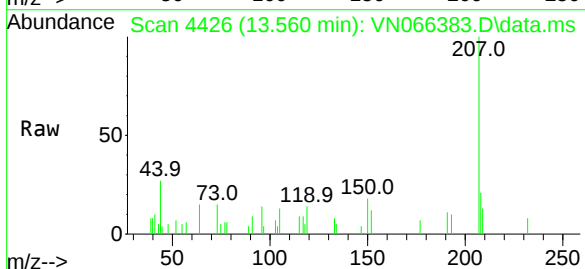
Instrument :
MSVOA_N
ClientSampled :
IBLK

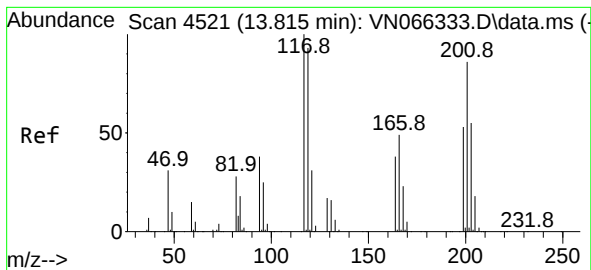
Tgt Ion:146 Resp: 56
Ion Ratio Lower Upper
146 100
111 5039.3 18.3 54.9#
148 775.0 31.9 95.9#



#89
n-Butylbenzene
Concen: 0.00 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. -0.000 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 91 Resp: 62
Ion Ratio Lower Upper
91 100
92 87.1 26.1 78.3#
134 0.0 12.8 38.4#

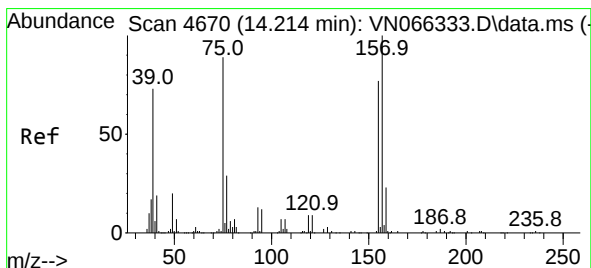
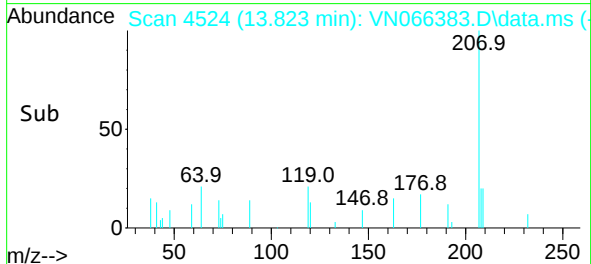
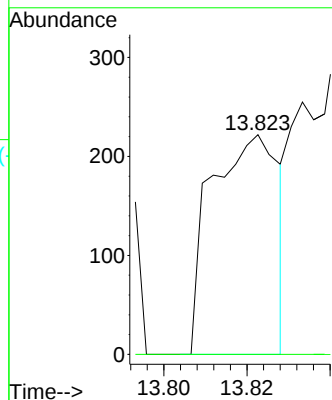
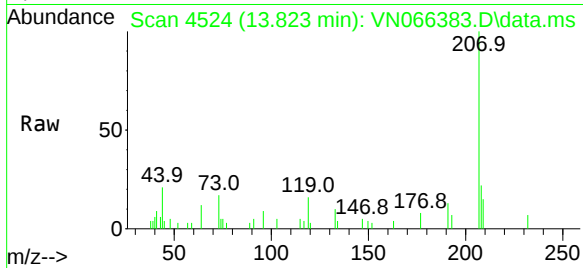




#90
Hexachloroethane
Concen: 0.09 ug/l
RT: 13.823 min Scan# 4524
Delta R.T. 0.008 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

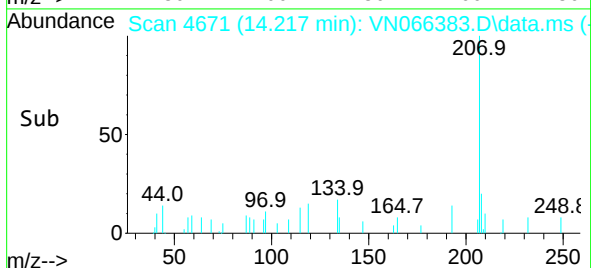
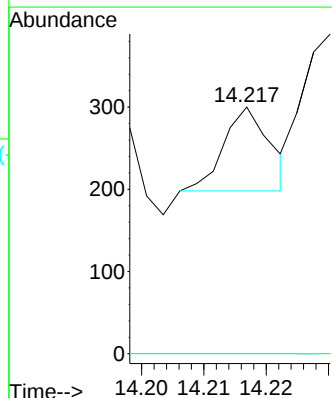
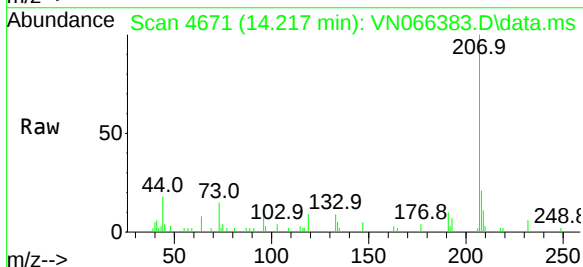
Instrument :
MSVOA_N
ClientSampled :
IBLK

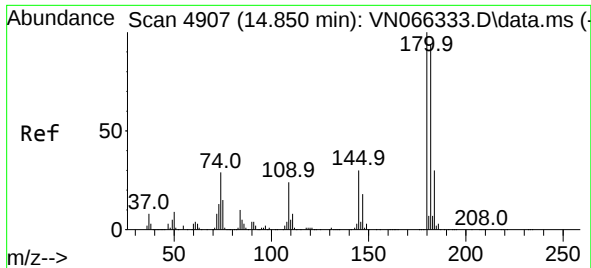
Tgt Ion:117 Resp: 250
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.05 ug/l
RT: 14.217 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#

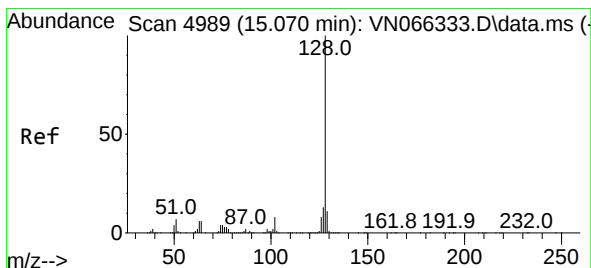
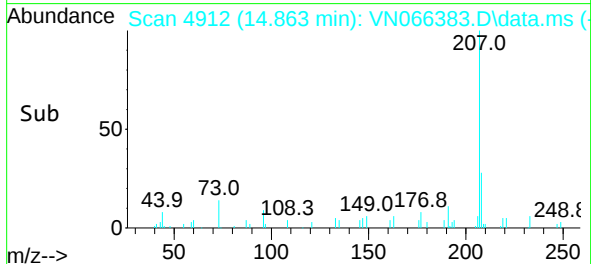
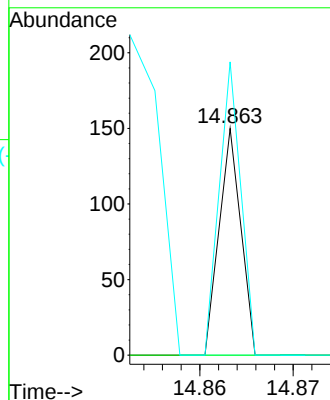
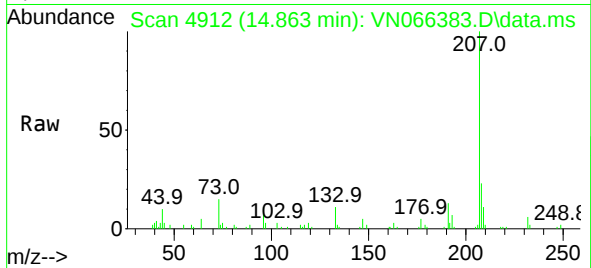




#93
1,2,4-Trichlorobenzene
Concen: 0.01 ug/l
RT: 14.863 min Scan# 4912
Delta R.T. 0.013 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

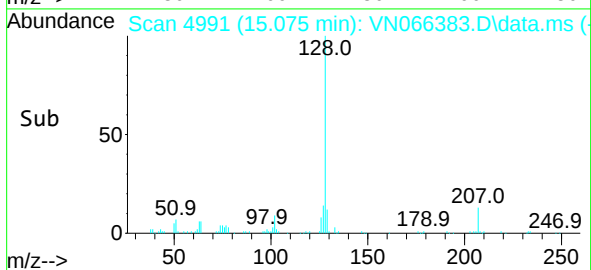
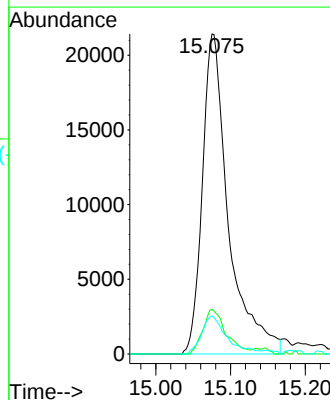
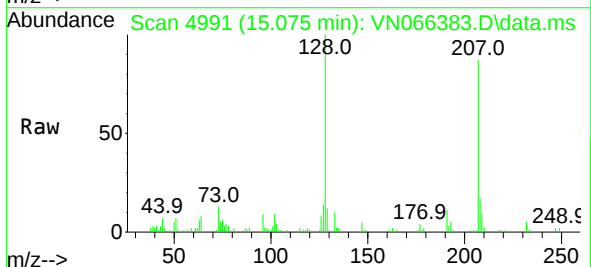
Instrument :
MSVOA_N
ClientSampled :
IBLK

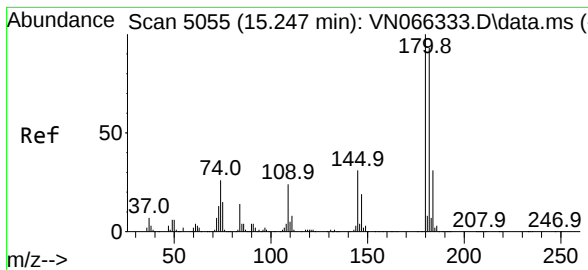
Tgt Ion:180 Resp: 24
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 129.2 14.2 42.8#



#95
Naphthalene
Concen: 4.69 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066383.D
Acq: 29 Mar 2021 17:45

Tgt Ion:128 Resp: 52008
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.7 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.02 ug/l
 RT: 15.252 min Scan# 5057
 Delta R.T. 0.005 min
 Lab File: VN066383.D
 Acq: 29 Mar 2021 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	81
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.9#
145	306.2	15.4	46.1#

