

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066425.D
 Acq On : 30 Mar 2021 17:18
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 31 03:01:05 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	7.585	168	424253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	637833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	593857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	209741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	283150	50.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.42%
35) Dibromofluoromethane	7.507	113	220437	52.13	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.26%
50) Toluene-d8	10.028	98	878591	54.78	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.56%
62) 4-Bromofluorobenzene	12.345	95	259057	46.50	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.00%

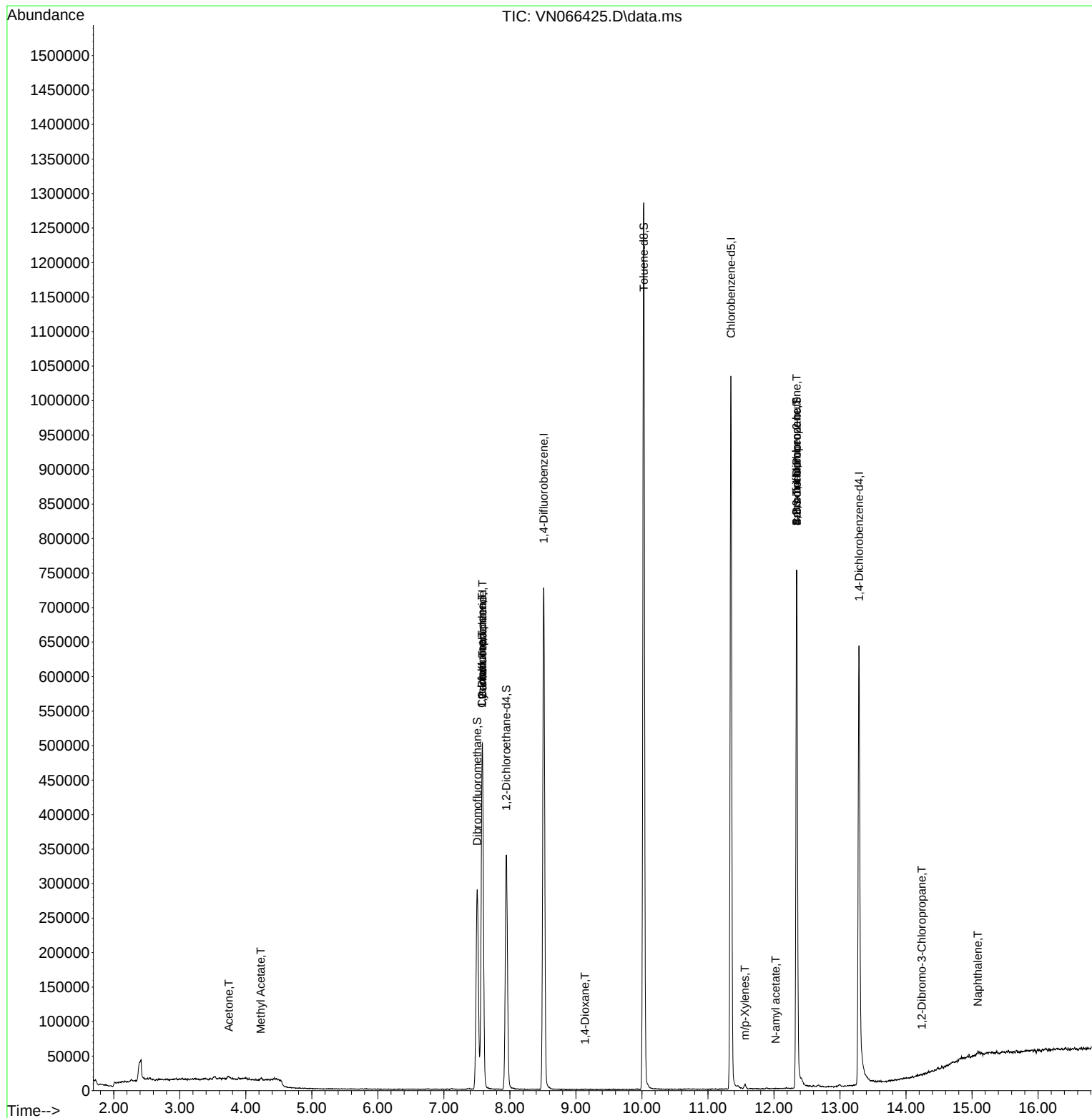
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.017	50	3384	Below Cal		96
13) Acrolein	3.529	56	4025	Below Cal	#	55
16) Acetone	3.741	43	2806	0.92	ug/l #	73
18) Methyl Acetate	4.229	43	3476	0.44	ug/l #	90
20) Methylene Chloride	4.439	84	583	Below Cal	#	66
31) Cyclohexane	7.579	56	8428	1.08	ug/l #	1
36) 1,1-Dichloropropene	7.579	75	30989	5.17	ug/l #	49
38) Carbon Tetrachloride	7.585	117	38555	6.40	ug/l #	16
49) 1,4-Dioxane	9.137	88	120	1.78	ug/l #	10
68) m/p-Xylenes	11.562	106	2087	0.26	ug/l	87
71) Bromoform	12.345	173	1803	0.48	ug/l #	1
74) N-amyl acetate	12.026	43	83	3.21	ug/l #	45
76) 1,2,3-Trichloropropane	12.345	75	131877	28.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	131877	86.17	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.239	75	537	0.56	ug/l #	1
95) Naphthalene	15.089	128	4935	1.45	ug/l #	89

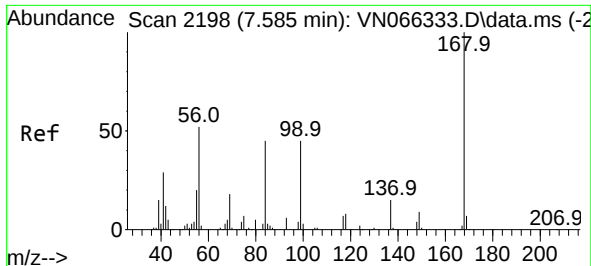
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Mar 31 03:01:05 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

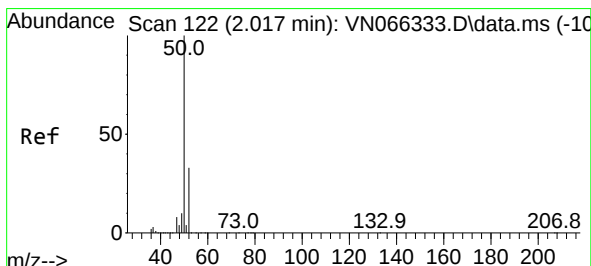
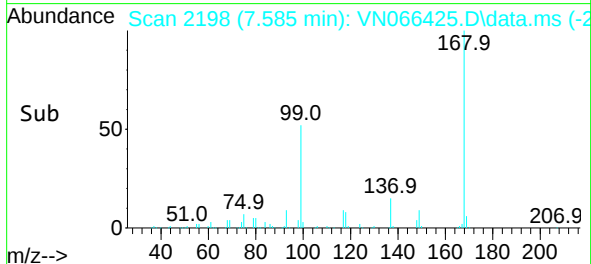
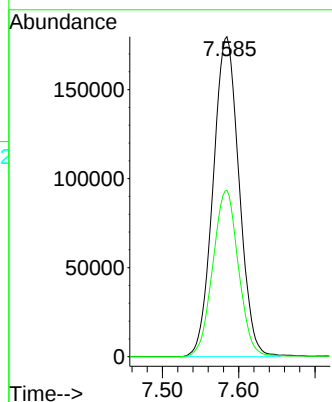
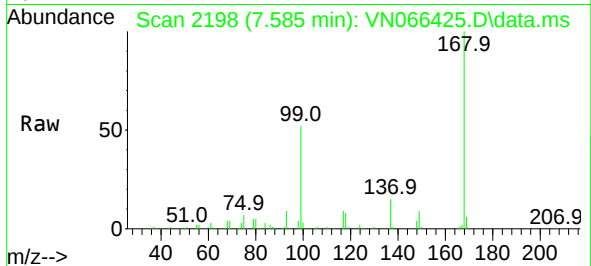




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

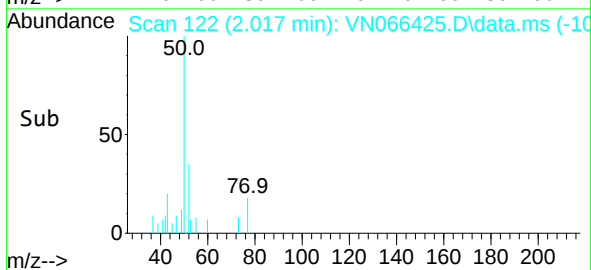
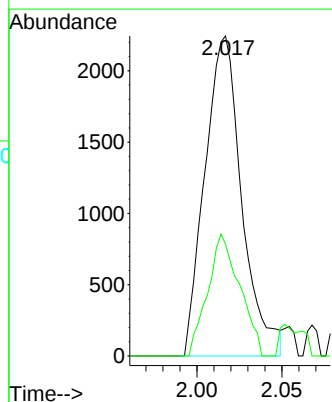
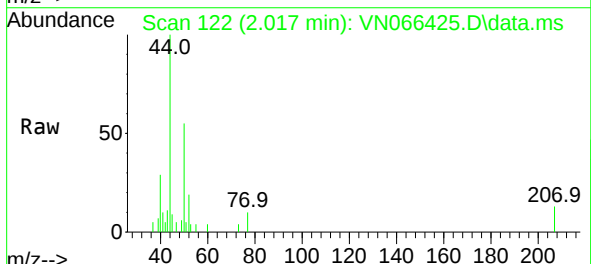
Instrument :
MSVOA_N
ClientSampled :
IBLK

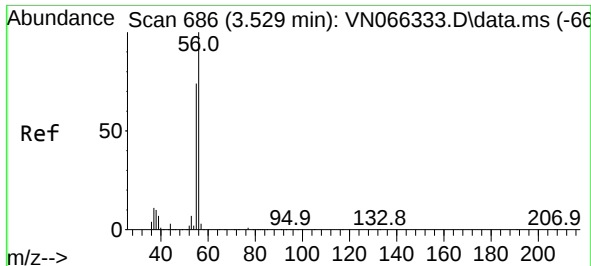
Tgt Ion:168 Resp: 424253
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 50 Resp: 3384
Ion Ratio Lower Upper
50 100
52 35.0 26.2 39.2

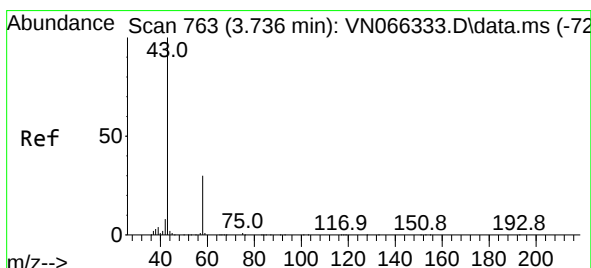
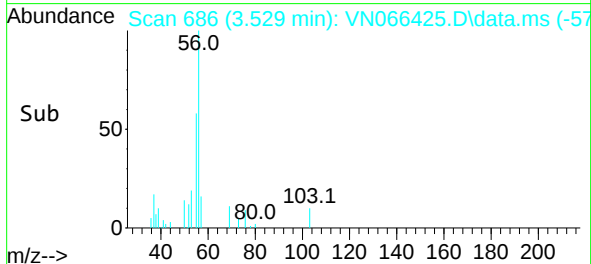
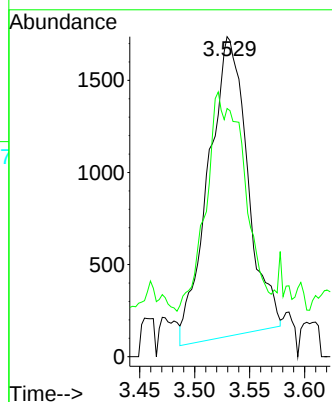
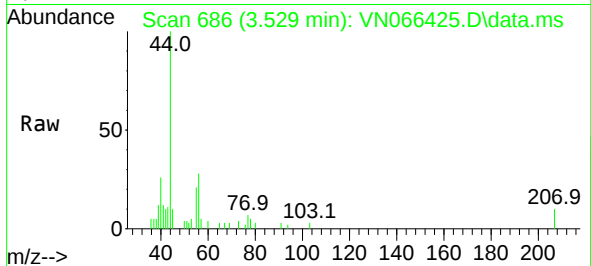




#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

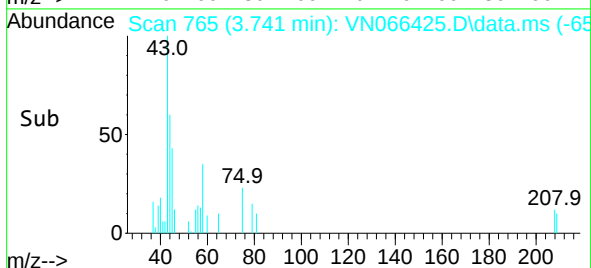
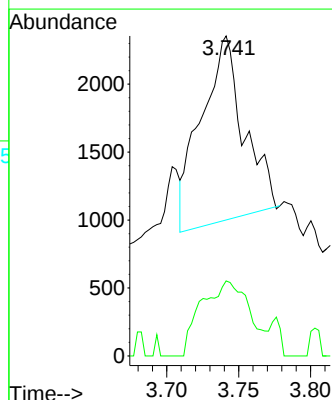
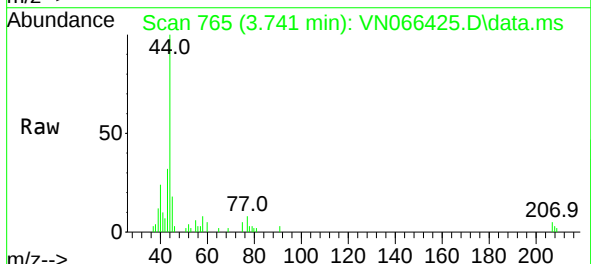
Instrument :
MSVOA_N
ClientSampleId :
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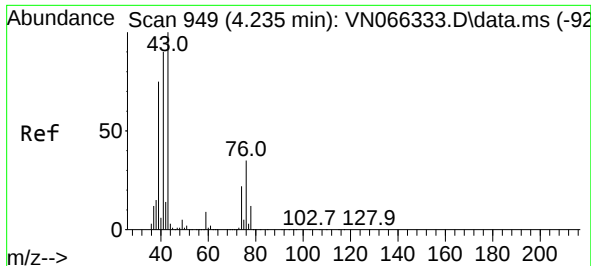
Tgt Ion: 56 Resp: 4025
Ion Ratio Lower Upper
56 100
55 34.4 57.9 86.9#



#16
Acetone
Concen: 0.92 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 43 Resp: 2806
Ion Ratio Lower Upper
43 100
58 44.2 23.8 35.8#

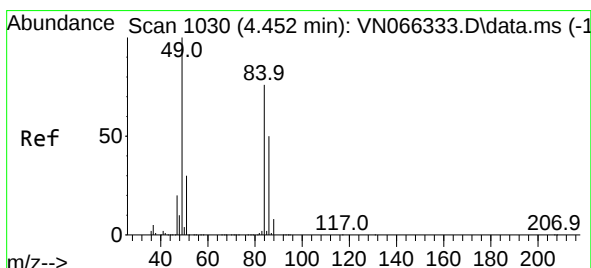
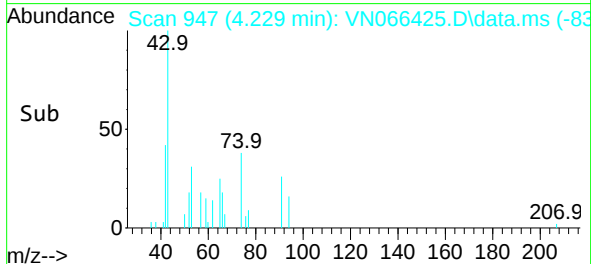
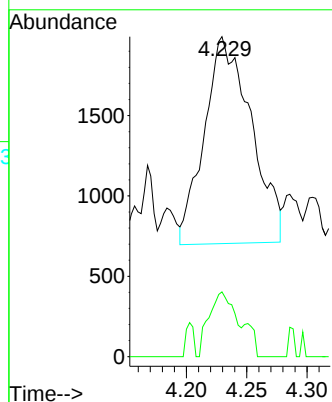
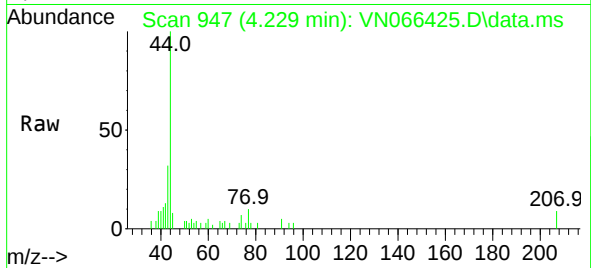




#18
Methyl Acetate
Concen: 0.44 ug/l
RT: 4.229 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

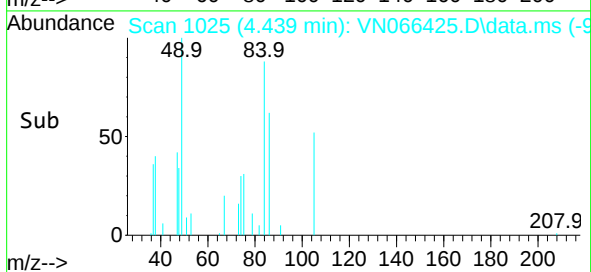
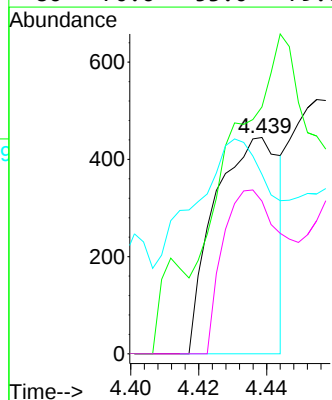
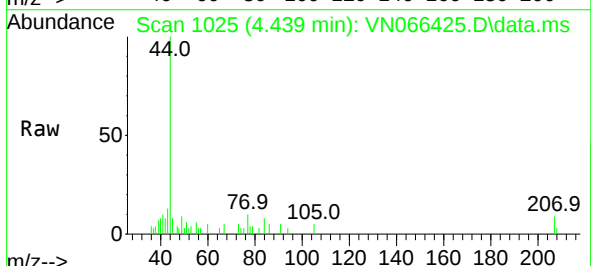
Instrument :
MSVOA_N
ClientSampleId :
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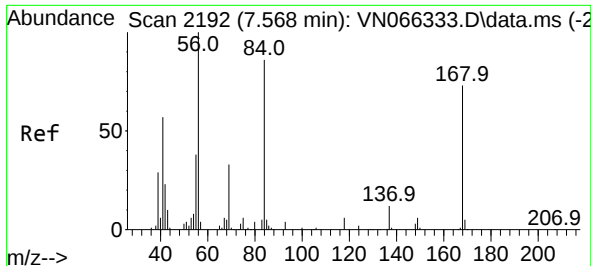
Tgt Ion: 43 Resp: 3476
Ion Ratio Lower Upper
43 100
74 17.3 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.439 min Scan# 1025
Delta R.T. -0.013 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 84 Resp: 583
Ion Ratio Lower Upper
84 100
49 74.6 105.0 157.6#
51 16.6 31.6 47.4#
86 70.6 53.0 79.6

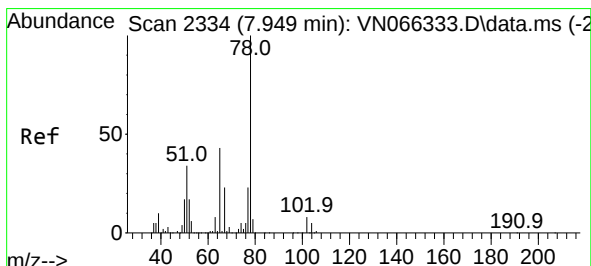
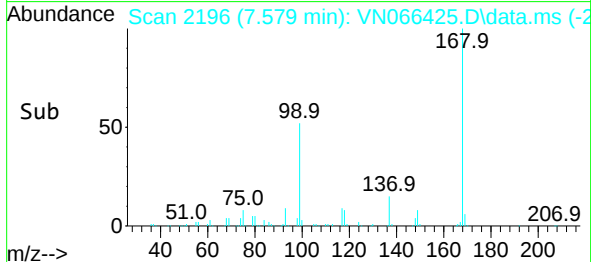
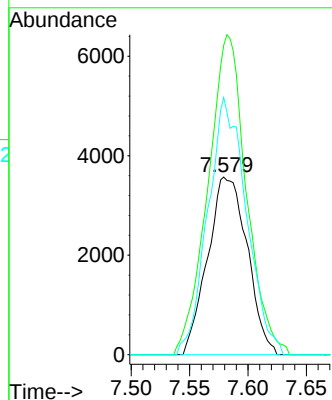
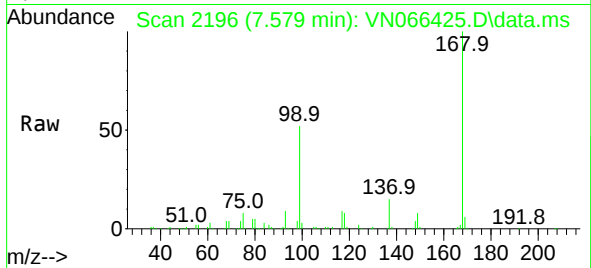




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.011 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

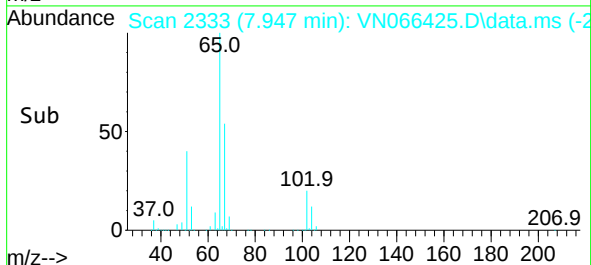
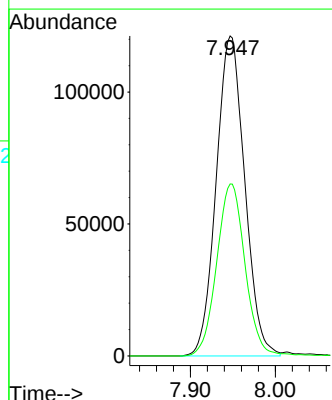
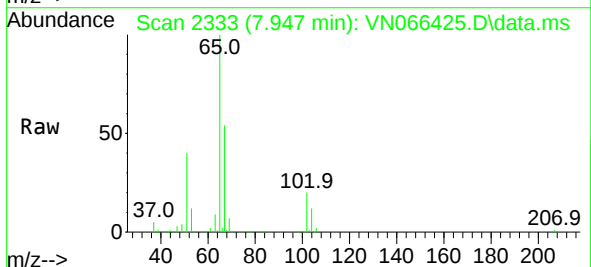
Instrument :
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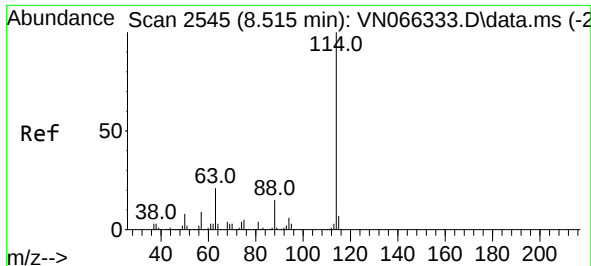
Tgt Ion: 56 Resp: 8428
Ion Ratio Lower Upper
56 100
69 168.2 26.6 40.0#
84 139.5 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 50.21 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 65 Resp: 283150
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.2

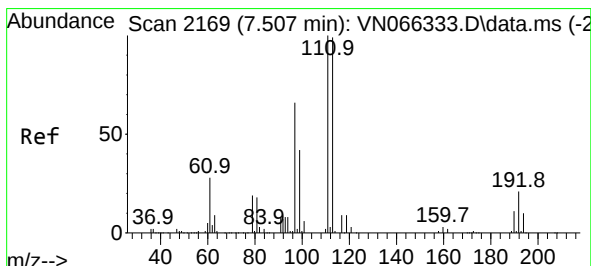
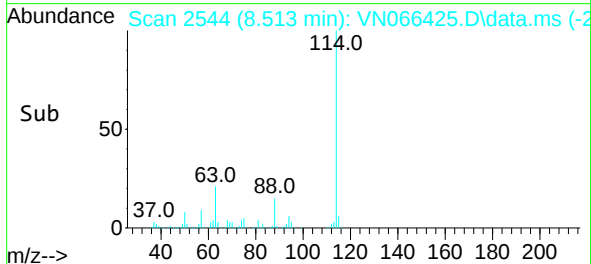
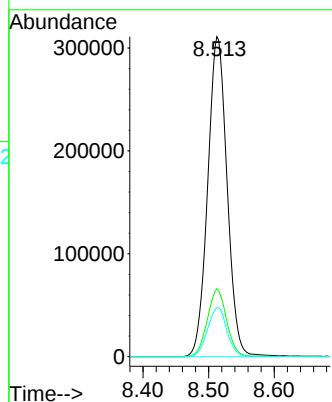
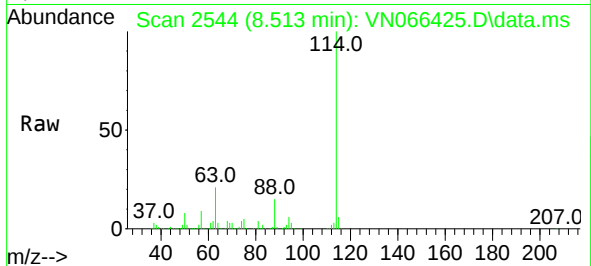




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

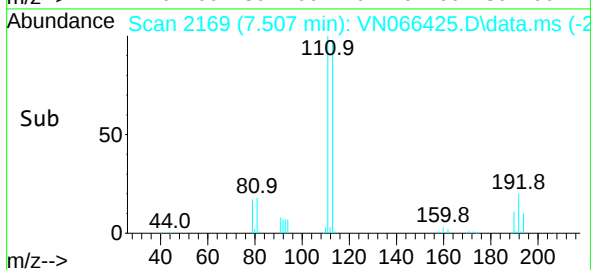
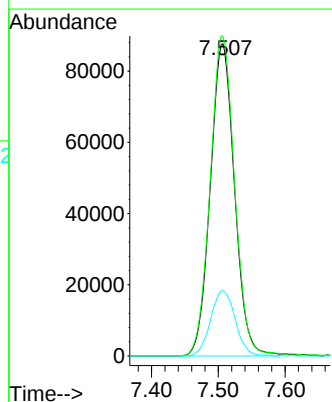
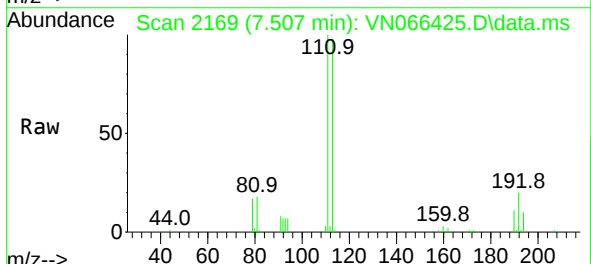
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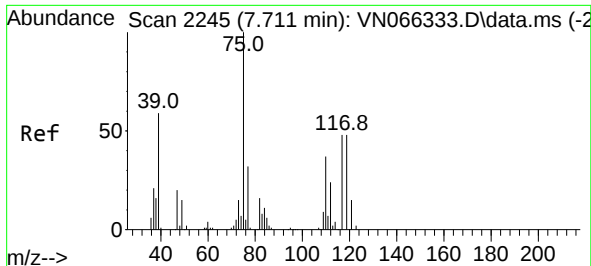
Tgt Ion:114 Resp: 637833
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.0
88 15.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 52.13 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion:113 Resp: 220437
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 21.3 17.1 25.7

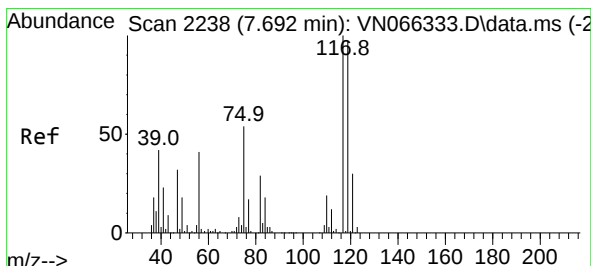
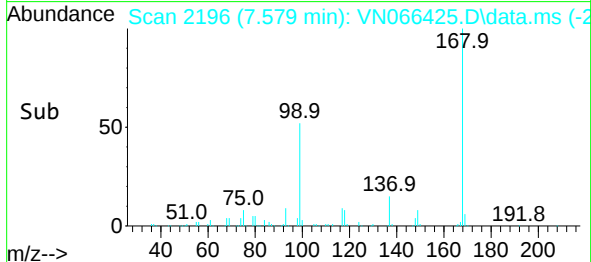
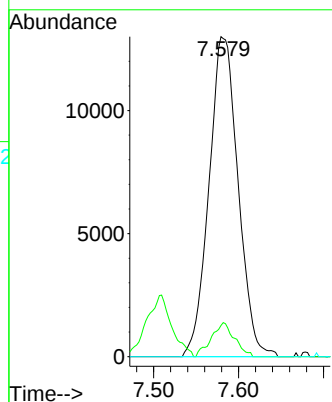
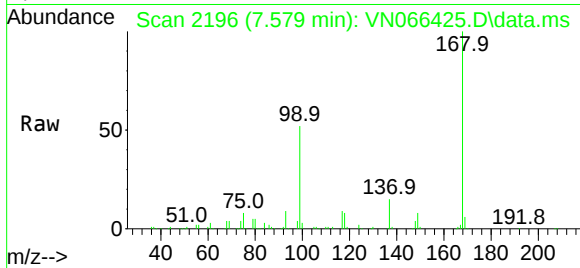




#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.131 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

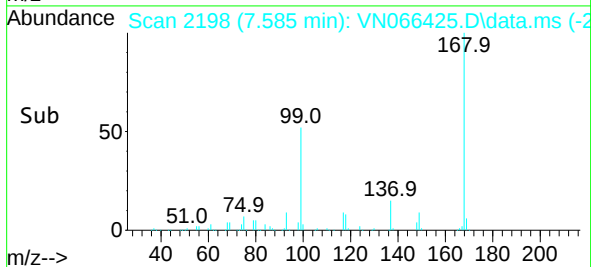
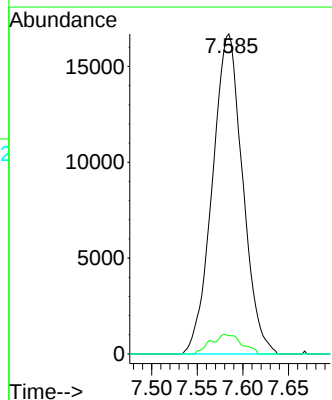
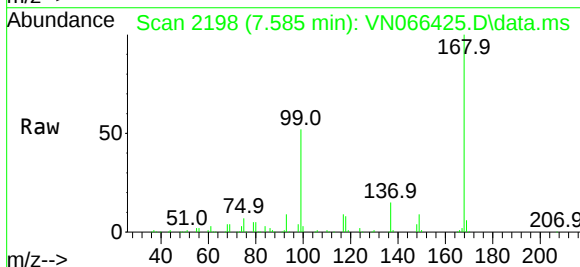
Instrument :
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ClientSampled :
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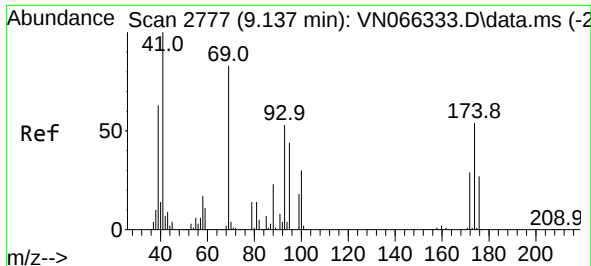
Tgt Ion: 75 Resp: 30989
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.107 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 117 Resp: 38555
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.2 36.4#

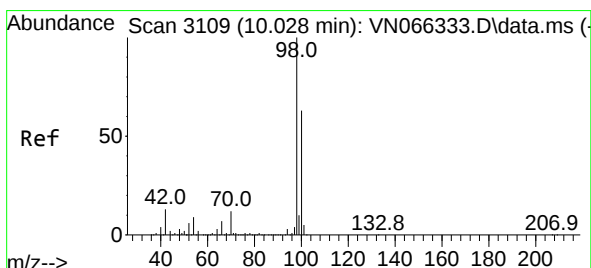
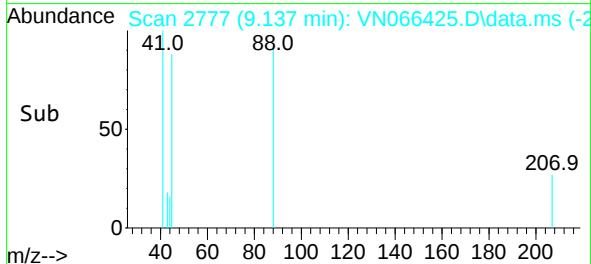
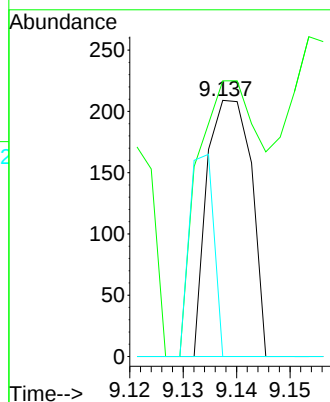
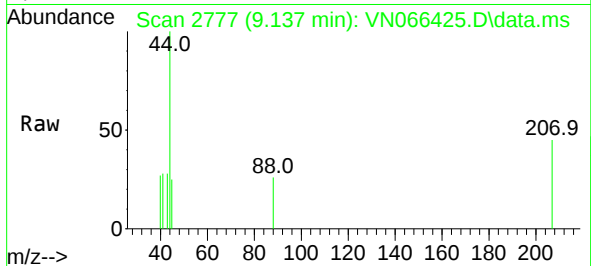




#49
1,4-Dioxane
Concen: 1.78 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

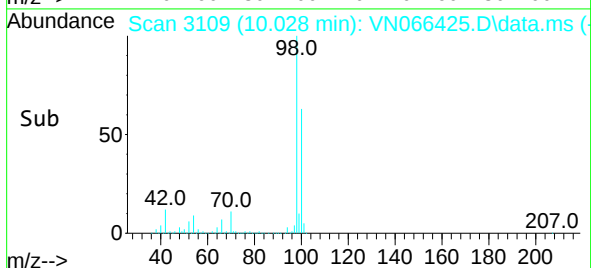
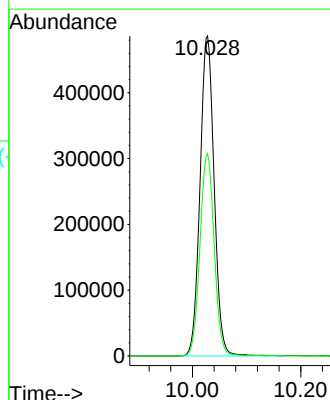
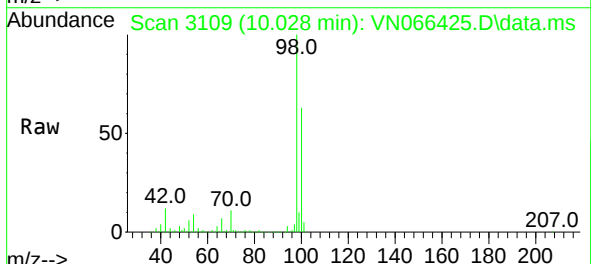
Instrument :
MSVOA_N
ClientSampled :
IBLK

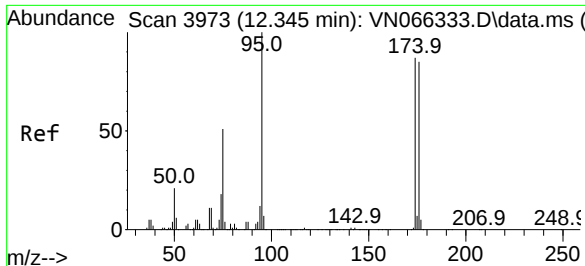
Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
43 154.2 28.2 42.4#
58 43.3 56.6 84.8#



#50
Toluene-d8
Concen: 54.78 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 98 Resp: 878591
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7

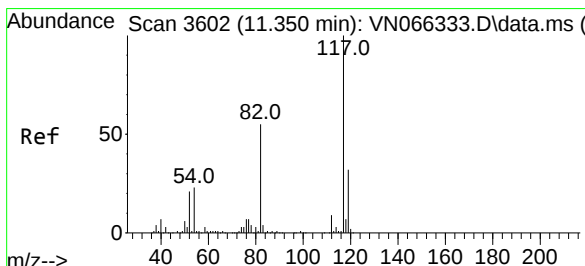
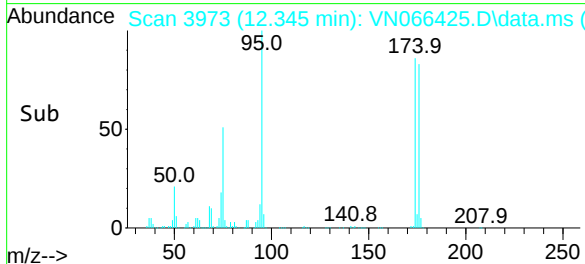
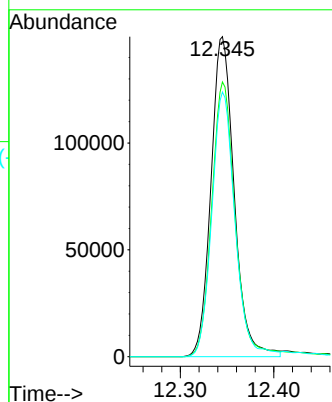
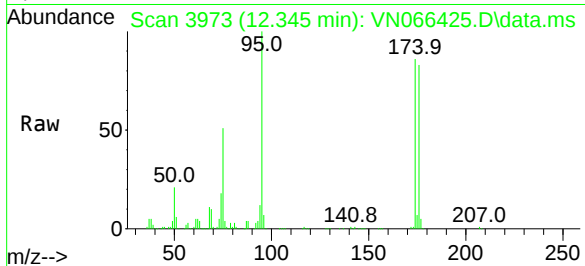




#62
4-Bromofluorobenzene
Concen: 46.50 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

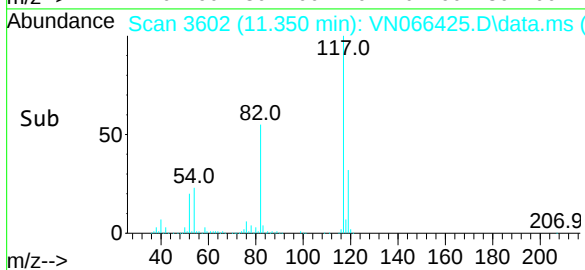
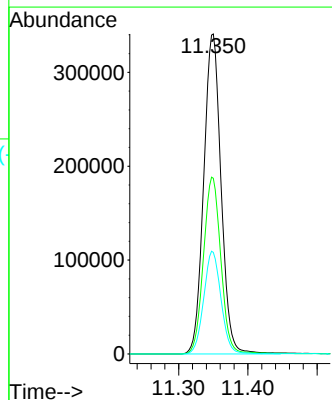
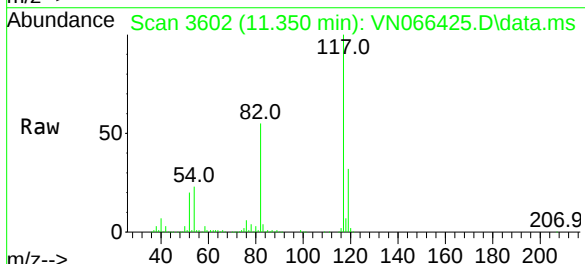
Instrument :
MSVOA_N
ClientSampleId :
IBLK

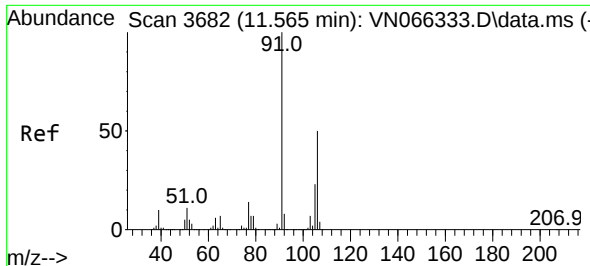
Tgt Ion: 95 Resp: 259057
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.2
176 82.5 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 117 Resp: 593857
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.8 25.8 38.6

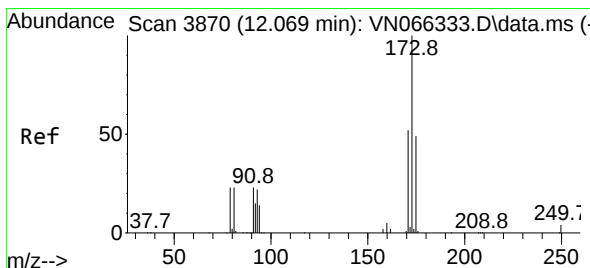
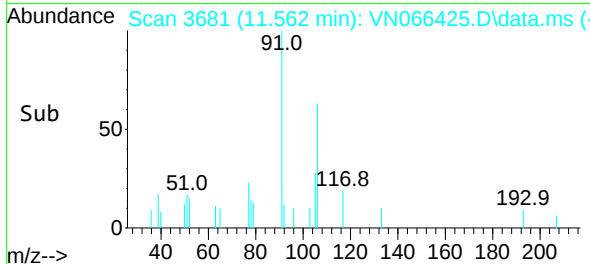
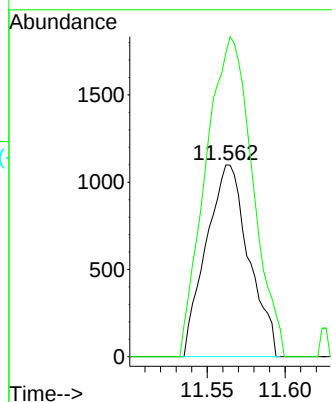
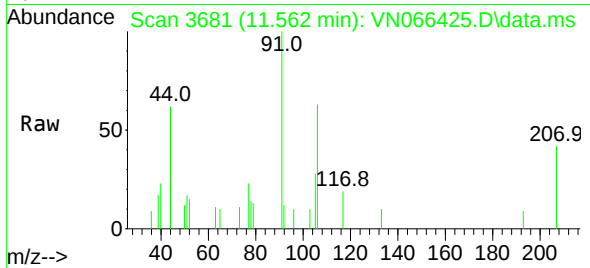




#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

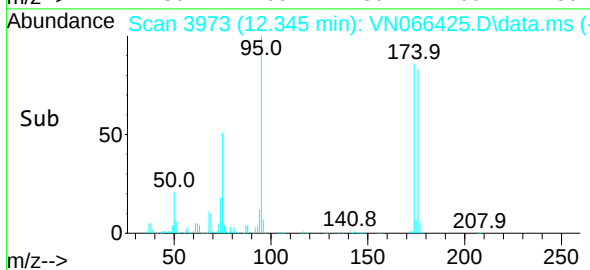
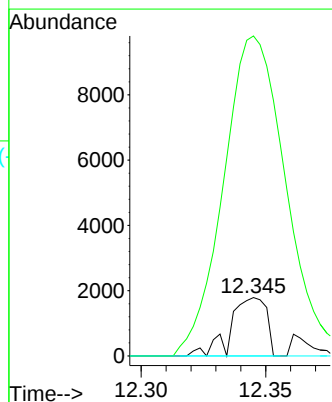
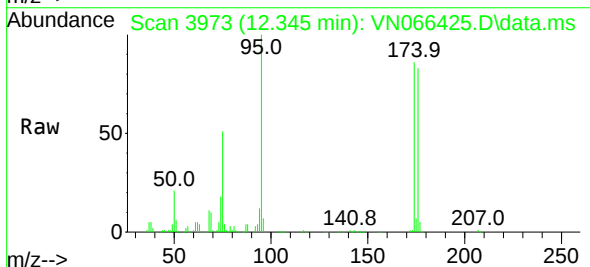
Instrument :
MSVOA_N
ClientSampleId :
IBLK

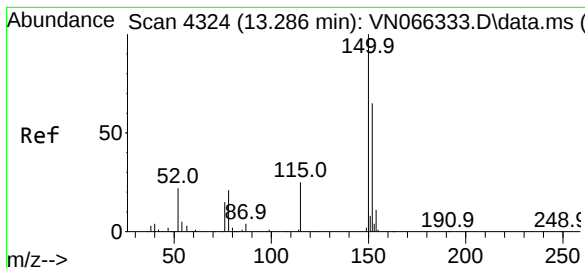
Tgt Ion:106 Resp: 2087
Ion Ratio Lower Upper
106 100
91 184.0 162.7 244.1



#71
Bromoform
Concen: 0.48 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion:173 Resp: 1803
Ion Ratio Lower Upper
173 100
175 831.3 24.3 72.8#
254 0.0 0.0 0.0

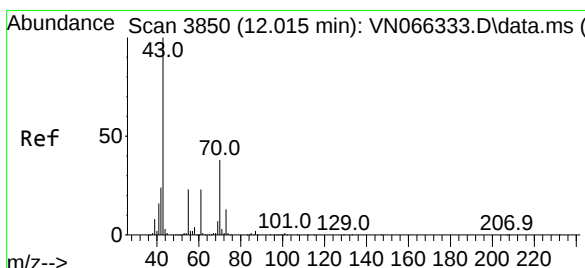
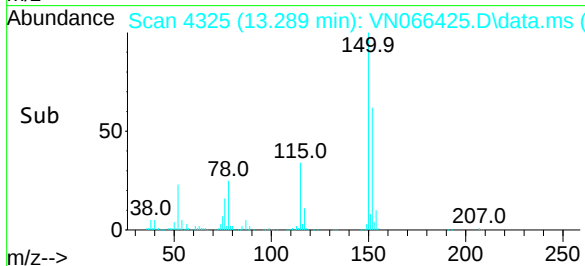
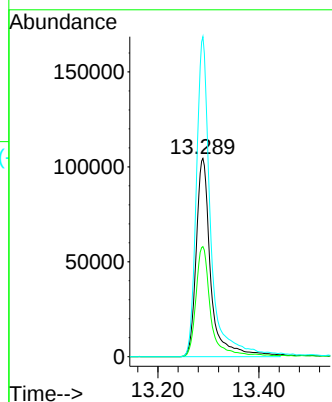
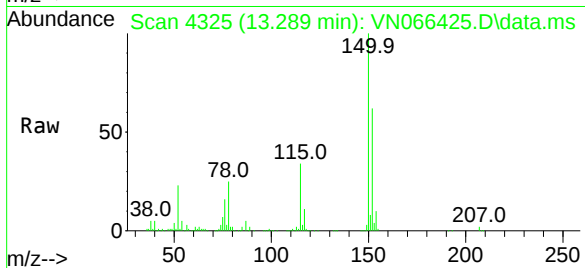




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

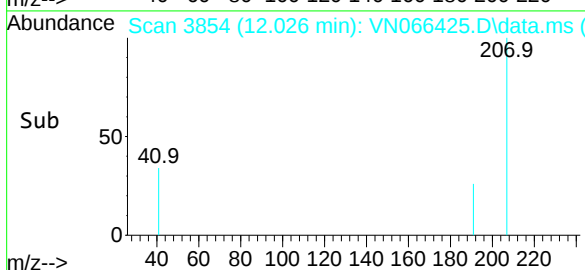
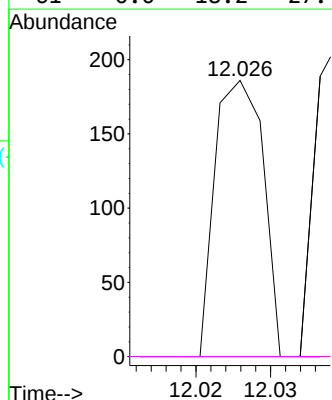
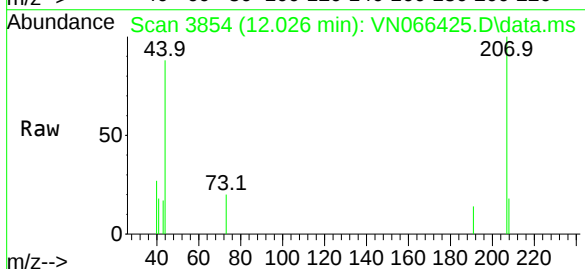
Instrument :
MSVOA_N
ClientSampleId :
IBLK

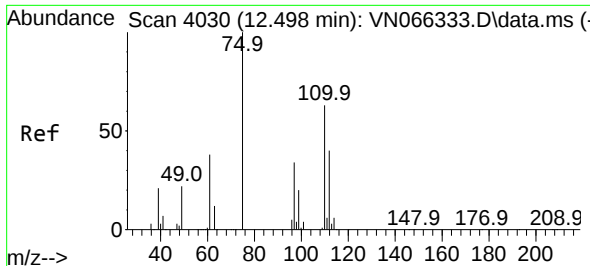
Tgt Ion:152 Resp: 209741
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 155.9 0.0 348.4



#74
N-ethyl acetate
Concen: 3.21 ug/l
RT: 12.026 min Scan# 3854
Delta R.T. 0.011 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 43 Resp: 83
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#

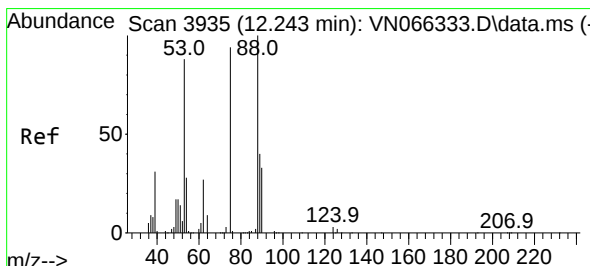
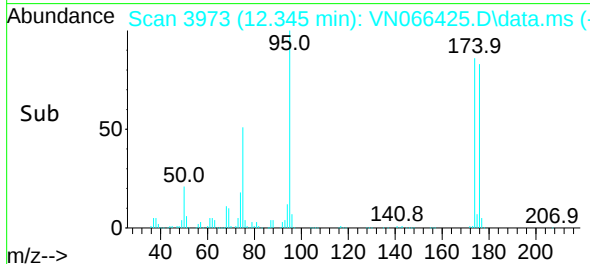
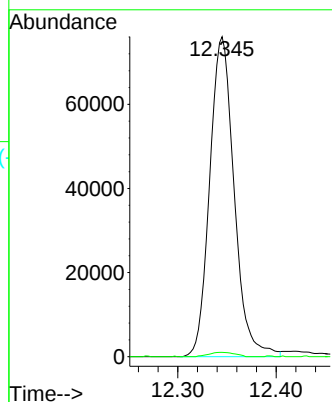
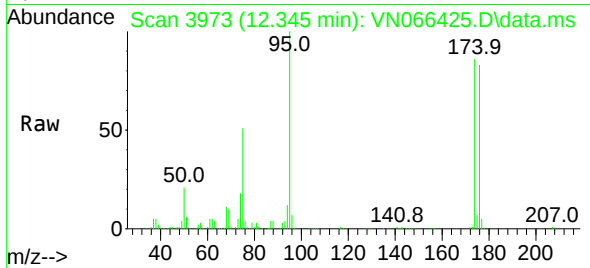




#76
1,2,3-Trichloropropane
Concen: 28.65 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

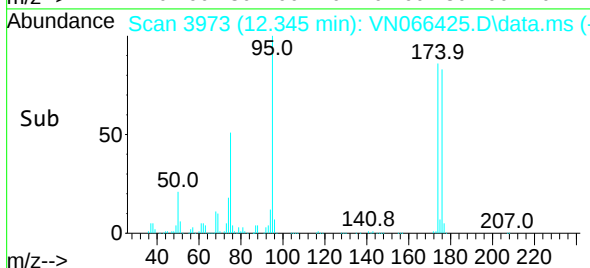
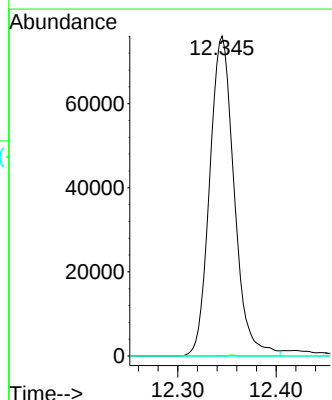
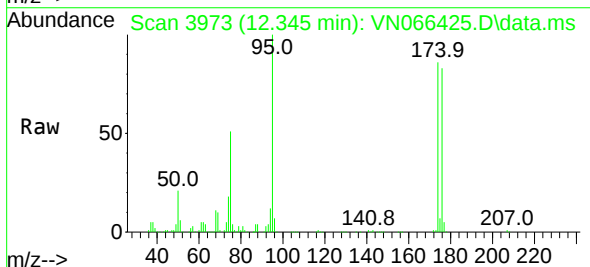
Instrument :
MSVOA_N
ClientSampleId :
IBLK

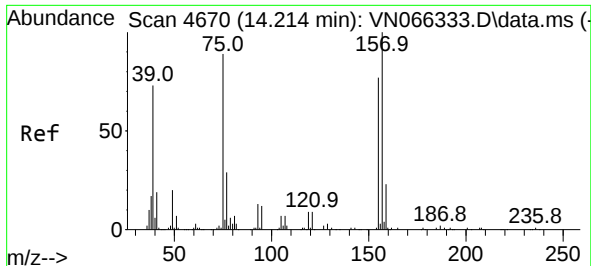
Tgt Ion: 75 Resp: 131877
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.17 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 75 Resp: 131877
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#

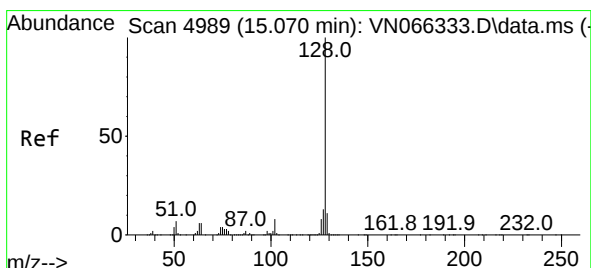
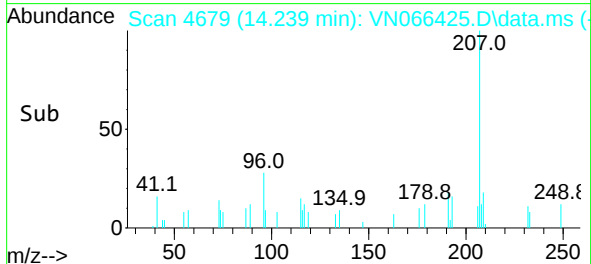
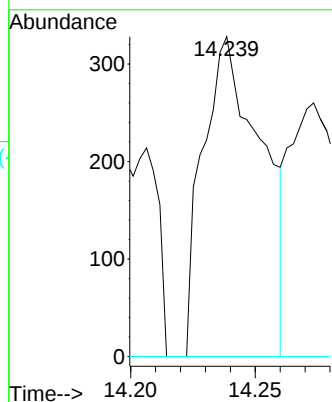
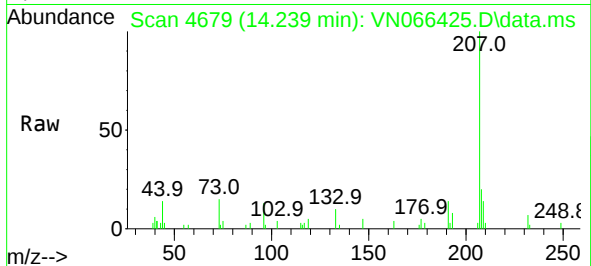




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.56 ug/l
RT: 14.239 min Scan# 4679
Delta R.T. 0.024 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 75 Resp: 537
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#



#95
Naphthalene
Concen: 1.45 ug/l
RT: 15.089 min Scan# 4996
Delta R.T. 0.019 min
Lab File: VN066425.D
Acq: 30 Mar 2021 17:18

Tgt Ion: 128 Resp: 4935
Ion Ratio Lower Upper
128 100
127 9.7 10.5 15.7#
129 5.2 8.5 12.7#

