

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066473.D
 Acq On : 2 Apr 2021 17:28
 Operator : JC/MD
 Sample : M1874-06
 Misc : 5.57g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-SB16(45-46)

Quant Time: Apr 03 04:32:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.576	168	315079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	465890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	441037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	225901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	193458	46.19	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.38%
35) Dibromofluoromethane	7.504	113	156213	50.58	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.16%
50) Toluene-d8	10.025	98	585301	49.96	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.92%
62) 4-Bromofluorobenzene	12.348	95	215559	52.98	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.96%

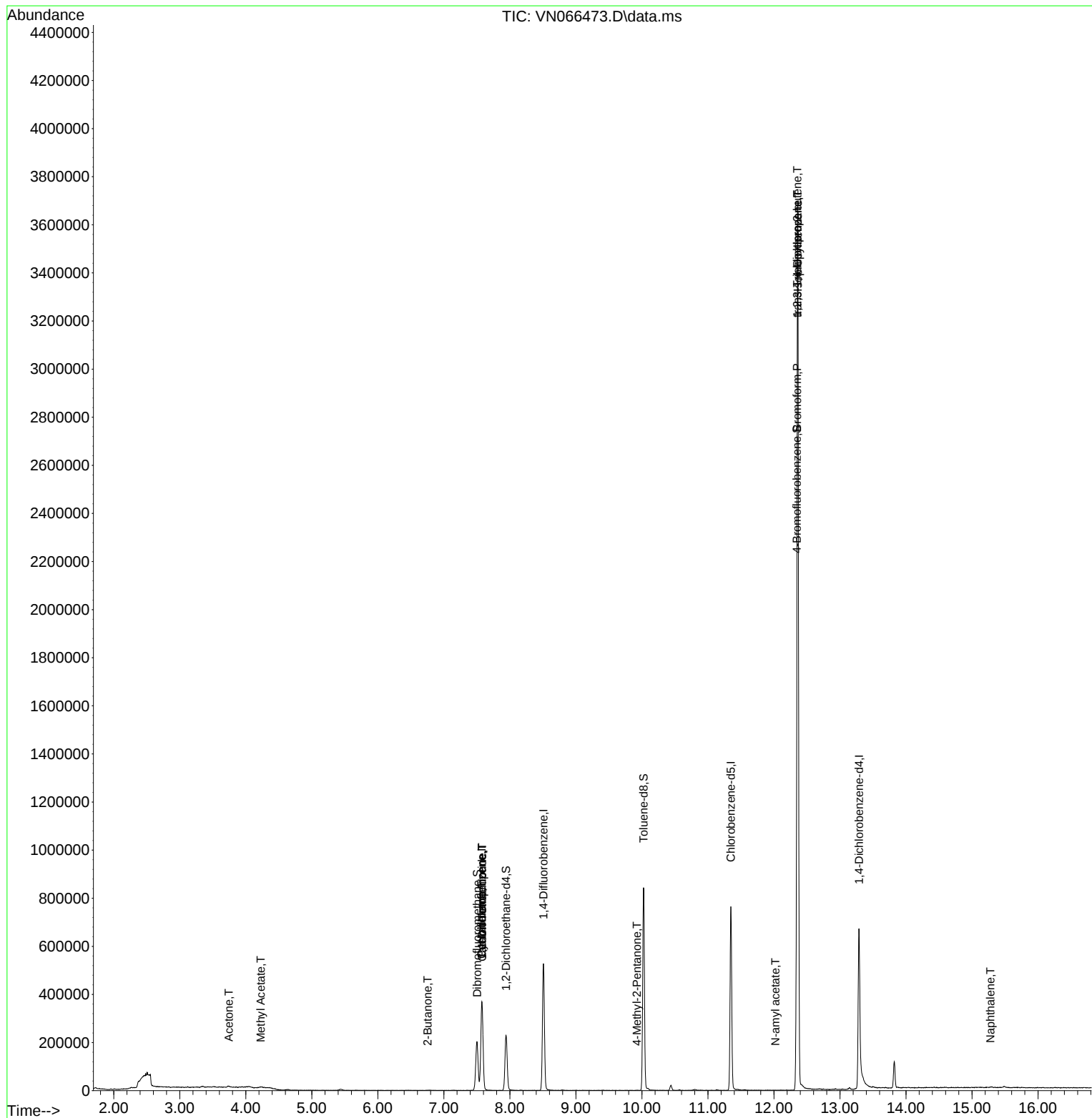
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.014	50	2519	Below Cal		93
13) Acrolein	3.519	56	3502	Below Cal	#	51
16) Acetone	3.741	43	4328	1.91	ug/l	100
18) Methyl Acetate	4.229	43	5874	0.99	ug/l	# 86
20) Methylene Chloride	4.425	84	1047	Below Cal	#	86
25) 2-Butanone	6.756	43	1274	0.52	ug/l	# 49
31) Cyclohexane	7.574	56	6250	1.08	ug/l	# 3
36) 1,1-Dichloropropene	7.579	75	22574	5.16	ug/l	# 48
38) Carbon Tetrachloride	7.582	117	28644	6.51	ug/l	# 16
51) 4-Methyl-2-Pentanone	9.926	43	1036	0.22	ug/l	# 37
71) Bromoform	12.350	173	2601	0.92	ug/l	# 1
73) Isopropylbenzene	12.361	105	18847	1.12	ug/l	# 55
74) N-amyl acetate	12.023	43	207	3.22	ug/l	# 45
76) 1,2,3-Trichloropropane	12.353	75	167663	33.82	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.353	75	167663	101.72	ug/l	# 17
95) Naphthalene	15.279	128	1519	1.16	ug/l	# 78

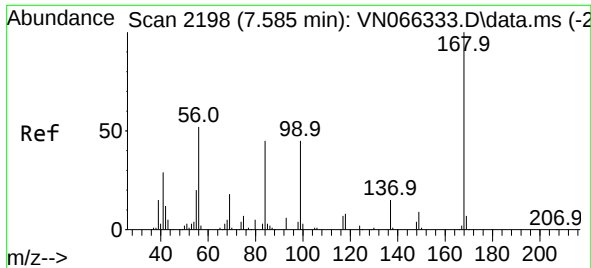
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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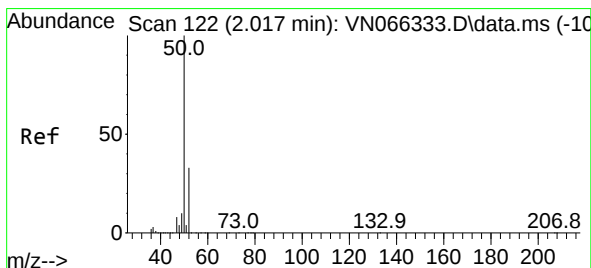
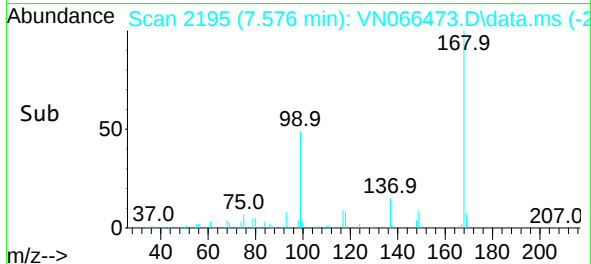
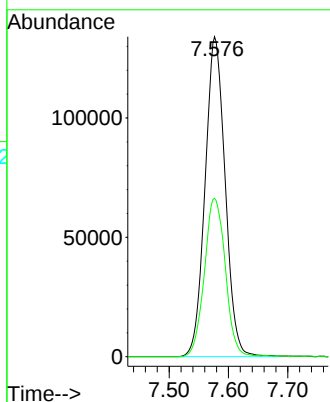
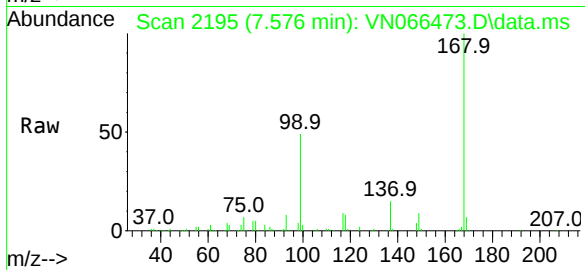




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

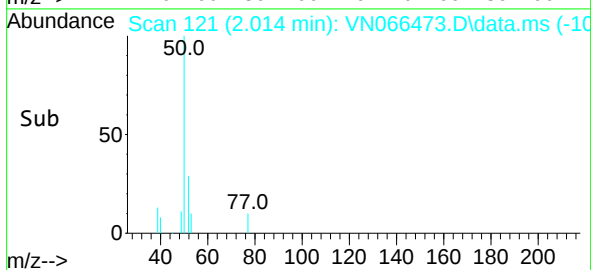
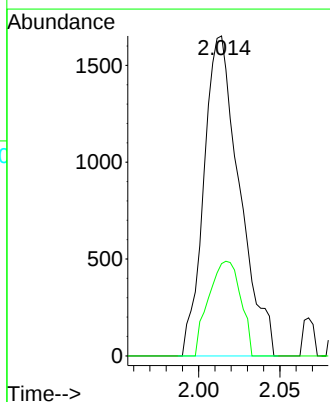
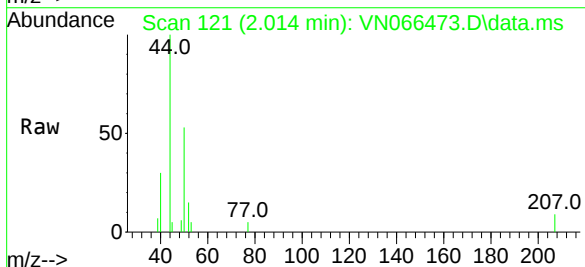
Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

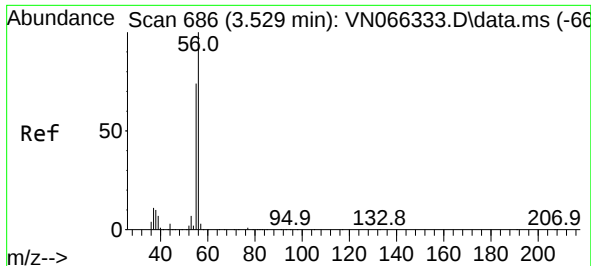
Tgt Ion:168 Resp: 315079
Ion Ratio Lower Upper
168 100
99 49.5 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion: 50 Resp: 2519
Ion Ratio Lower Upper
50 100
52 28.8 26.2 39.2

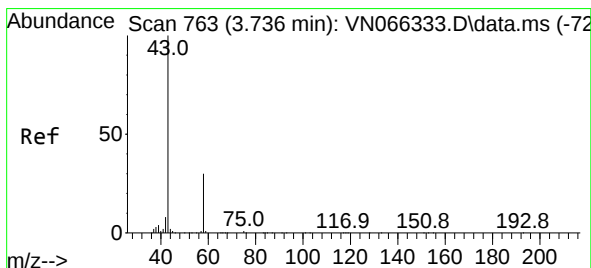
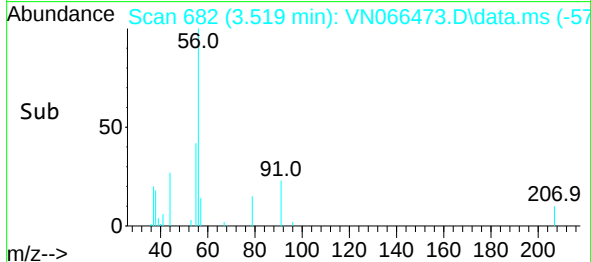
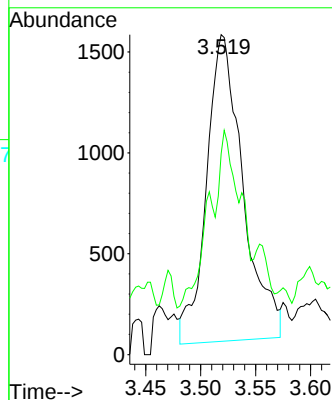
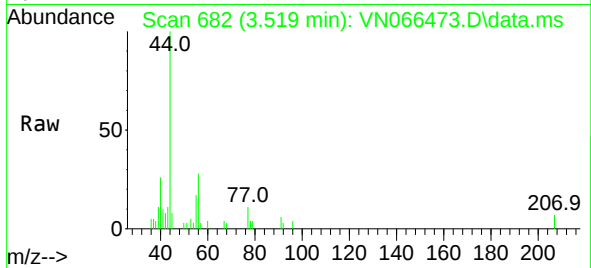




#13
Acrolein
Concen: Below Cal
RT: 3.519 min Scan# 682
Delta R.T. -0.008 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

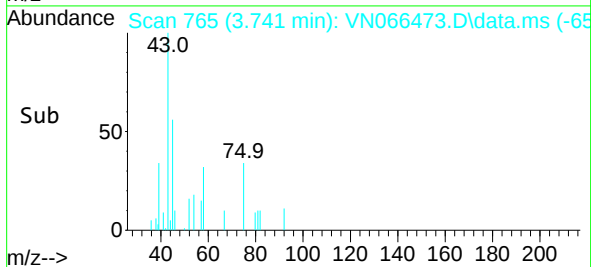
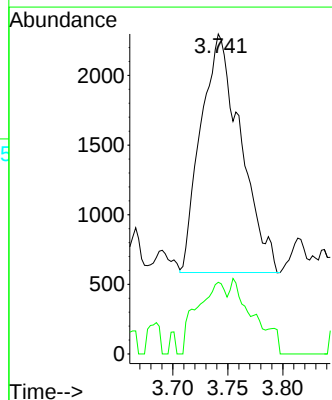
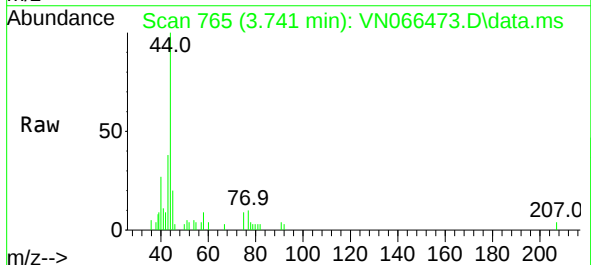
Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

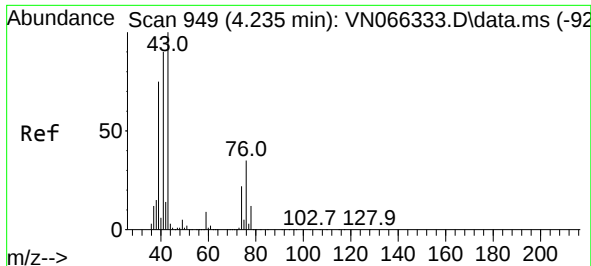
Tgt Ion: 56 Resp: 3502
Ion Ratio Lower Upper
56 100
55 31.0 57.9 86.9#



#16
Acetone
Concen: 1.91 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.008 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion: 43 Resp: 4328
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8

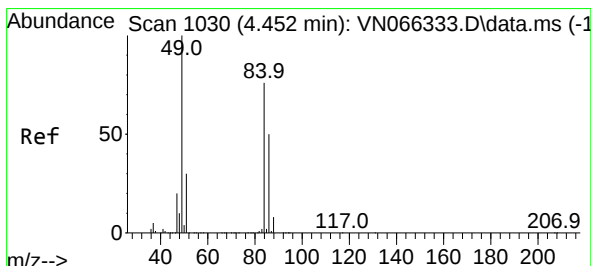
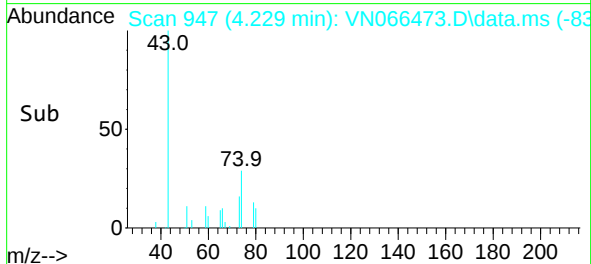
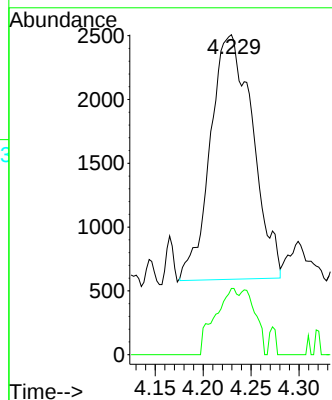
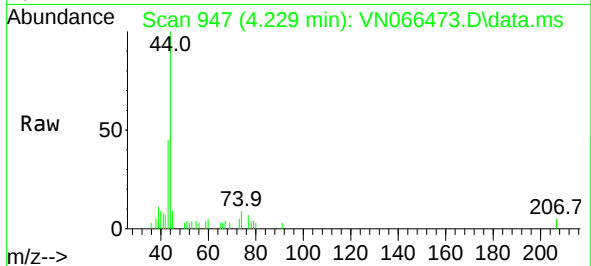




#18
Methyl Acetate
Concen: 0.99 ug/l
RT: 4.229 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

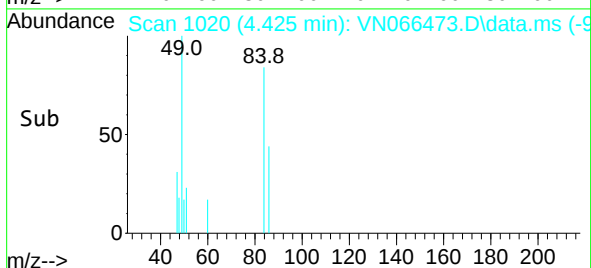
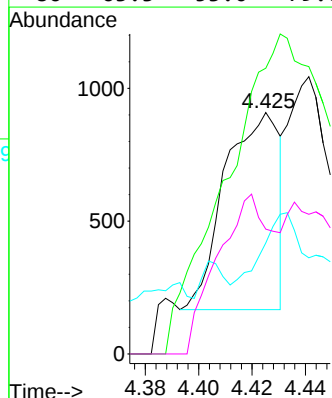
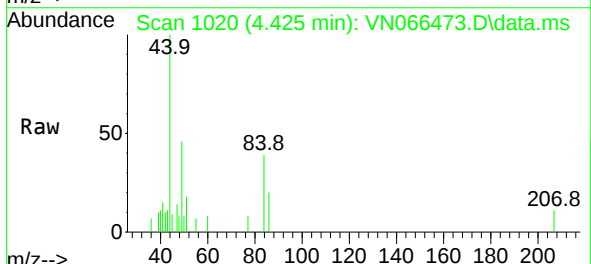
Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

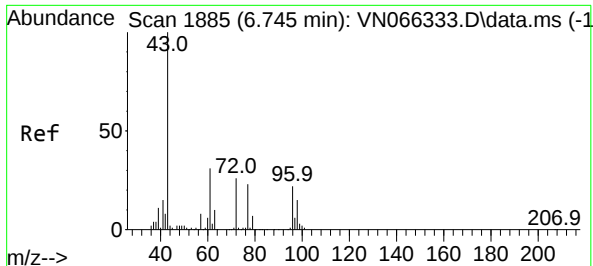
Tgt Ion: 43 Resp: 5874
Ion Ratio Lower Upper
43 100
74 15.2 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.425 min Scan# 1020
Delta R.T. -0.022 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion: 84 Resp: 1047
Ion Ratio Lower Upper
84 100
49 114.2 105.0 157.6
51 20.1 31.6 47.4#
86 63.3 53.0 79.6

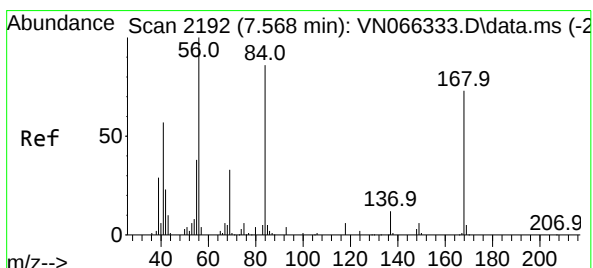
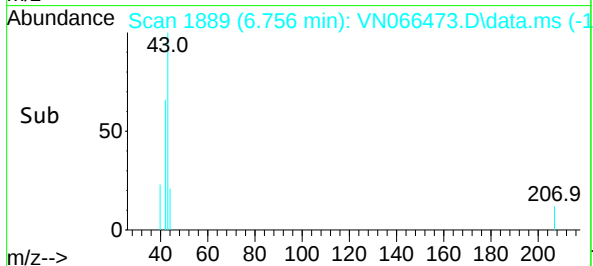
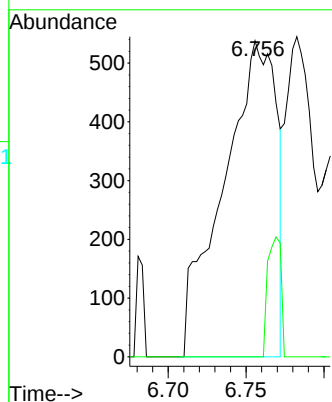
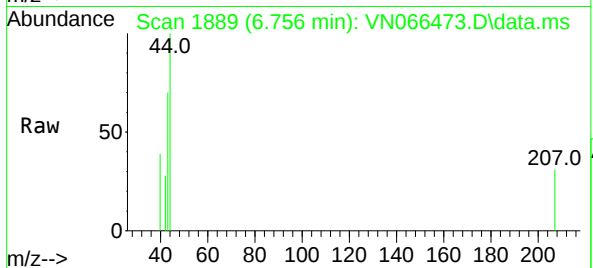




#25
2-Butanone
Concen: 0.52 ug/l
RT: 6.756 min Scan# 1889
Delta R.T. 0.016 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

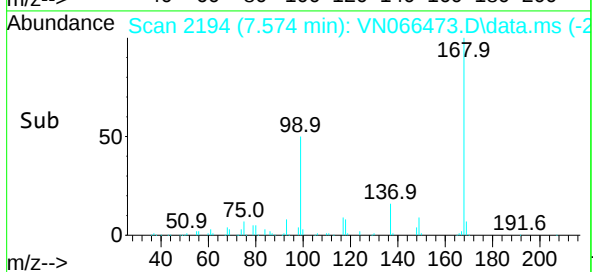
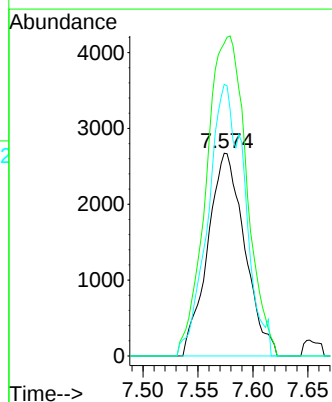
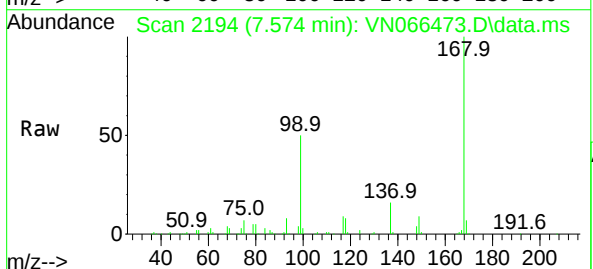
Instrument :
MSVOA_N
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FS-SB16(45-46)

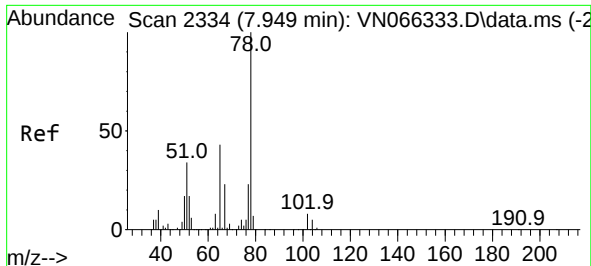
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.574 min Scan# 2194
Delta R.T. 0.008 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion: 56 Resp: 6250
Ion Ratio Lower Upper
56 100
69 154.2 26.6 40.0#
84 134.0 68.7 103.1#

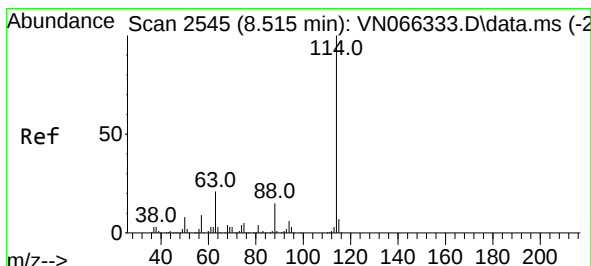
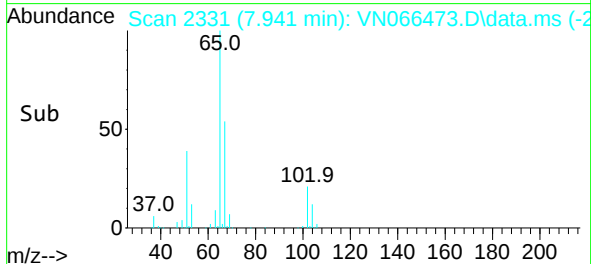
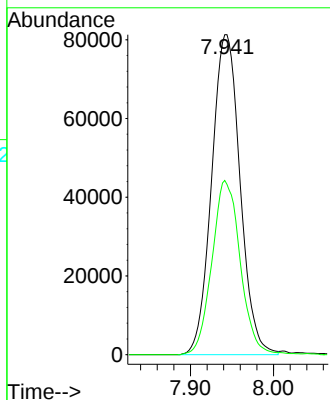
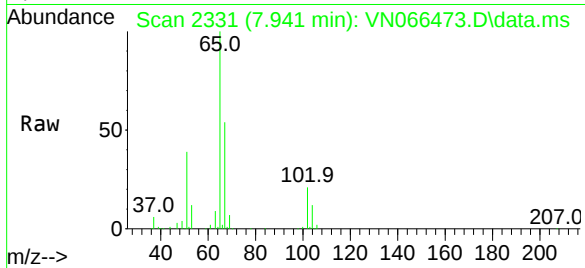




#33
 1,2-Dichloroethane-d4
 Concen: 46.19 ug/l
 RT: 7.941 min Scan# 2331
 Delta R.T. -0.003 min
 Lab File: VN066473.D
 Acq: 2 Apr 2021 17:28

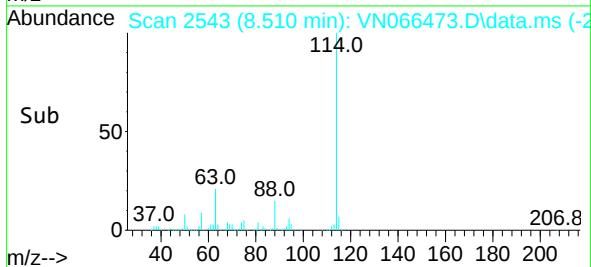
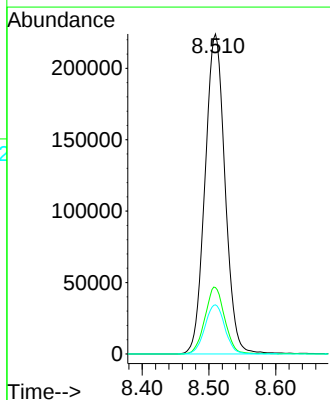
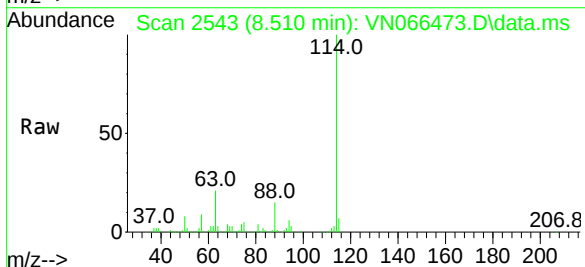
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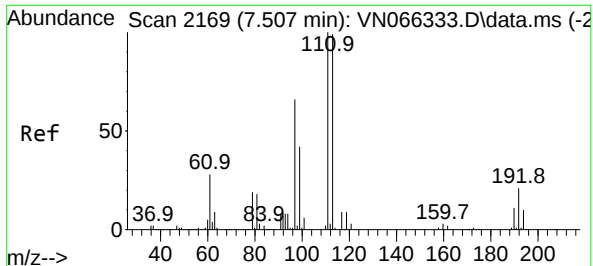
Tgt Ion: 65 Resp: 193458
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.510 min Scan# 2543
 Delta R.T. -0.000 min
 Lab File: VN066473.D
 Acq: 2 Apr 2021 17:28

Tgt Ion:114 Resp: 465890
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.0
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.58 ug/l

RT: 7.504 min Scan# 2168

Delta R.T. 0.003 min

Lab File: VN066473.D

Acq: 2 Apr 2021 17:28

Instrument :

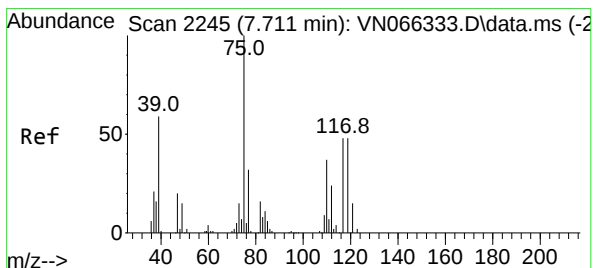
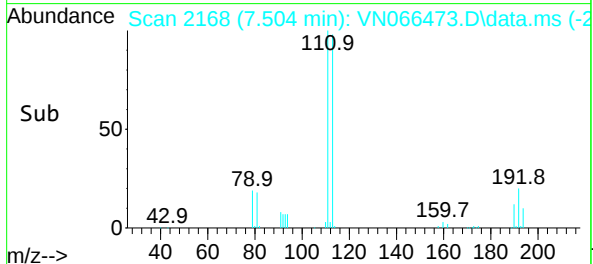
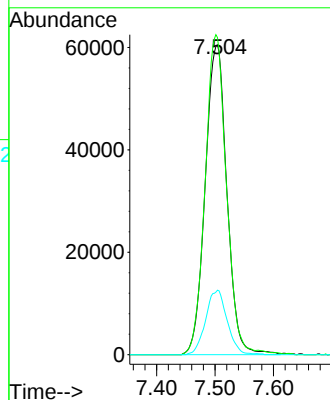
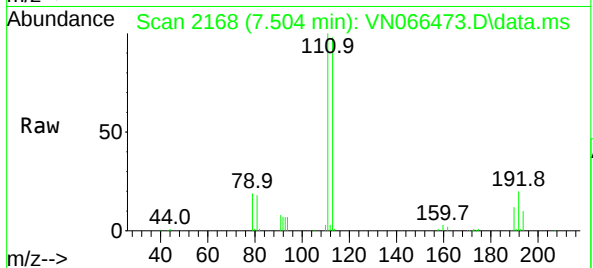
MSVOA_N

ClientSampleId :

FS-SB16(45-46)

Tgt Ion:113 Resp: 156213

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	20.6	17.1	25.7



#36

1,1-Dichloropropene

Concen: 5.16 ug/l

RT: 7.579 min Scan# 2196

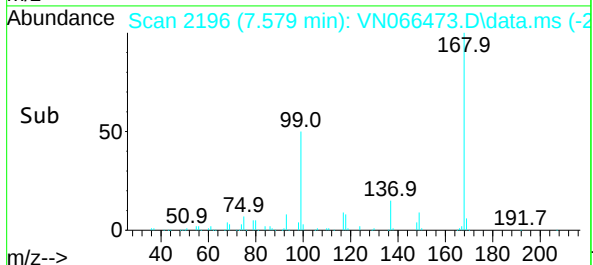
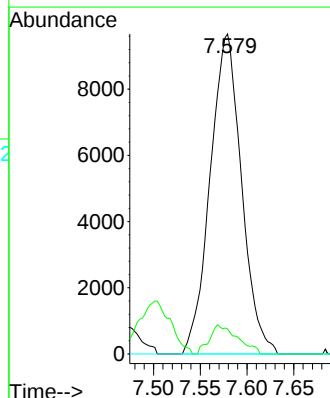
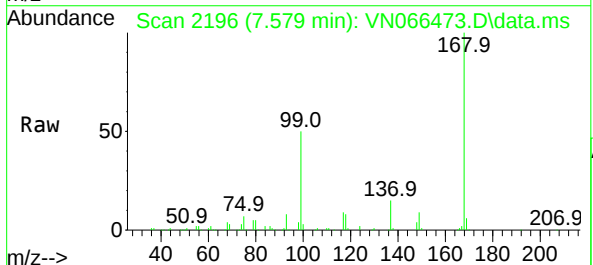
Delta R.T. -0.126 min

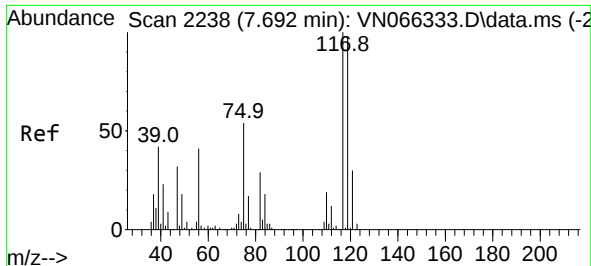
Lab File: VN066473.D

Acq: 2 Apr 2021 17:28

Tgt Ion: 75 Resp: 22574

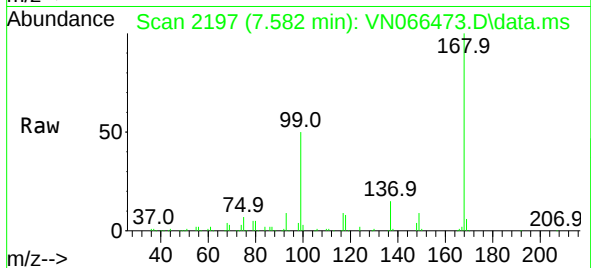
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.3#
77	0.0	25.0	37.4#



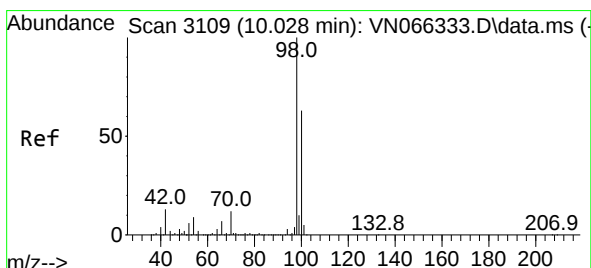
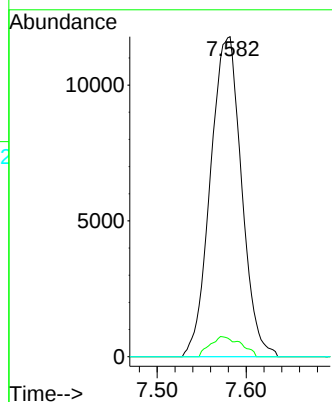
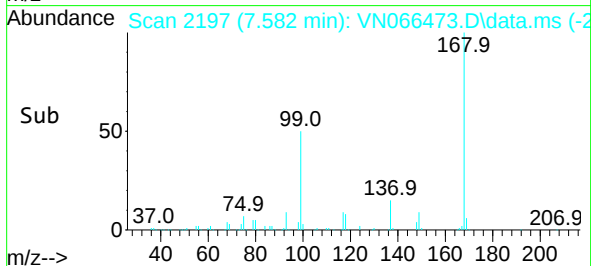


#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.102 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

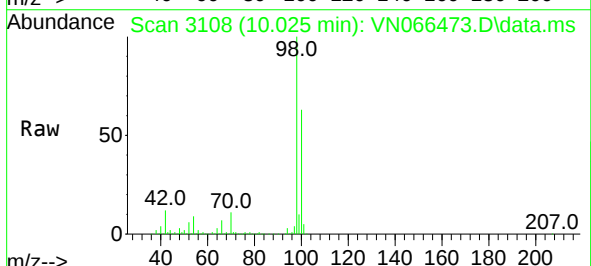
Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)



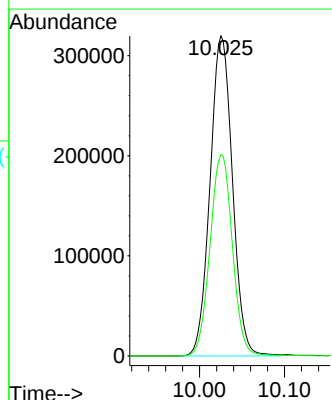
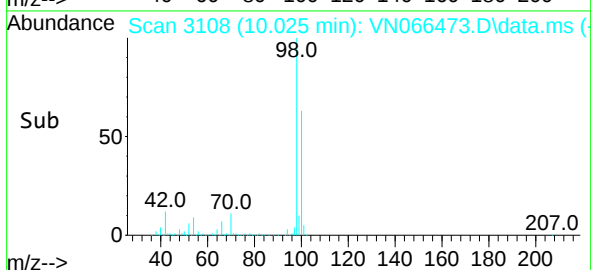
Tgt Ion:117 Resp: 28644
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.2 36.4#

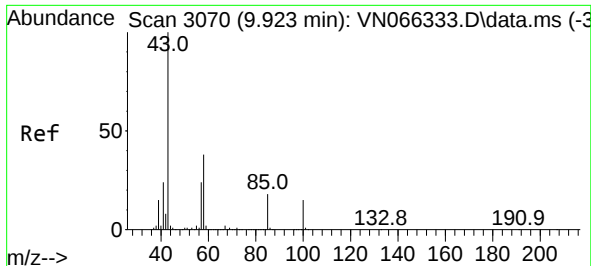


#50
Toluene-d8
Concen: 49.96 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28



Tgt Ion: 98 Resp: 585301
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

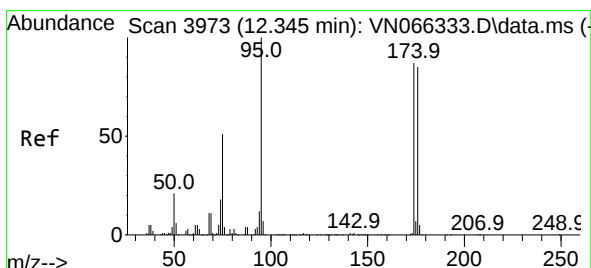
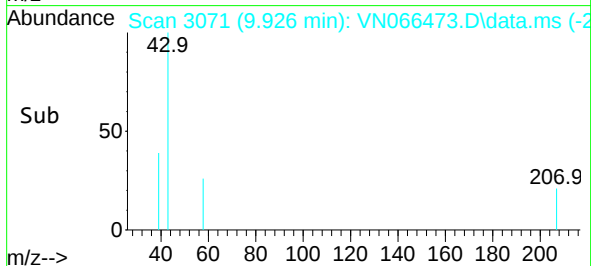
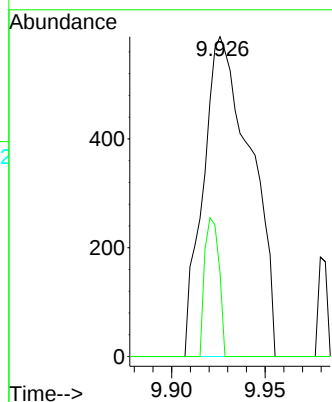
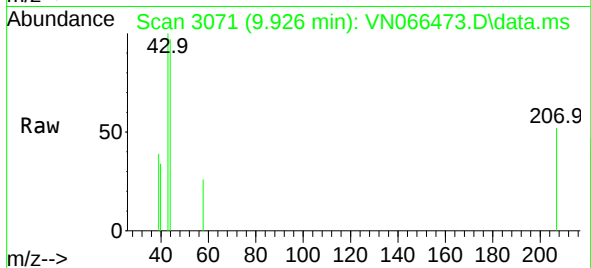




#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.008 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

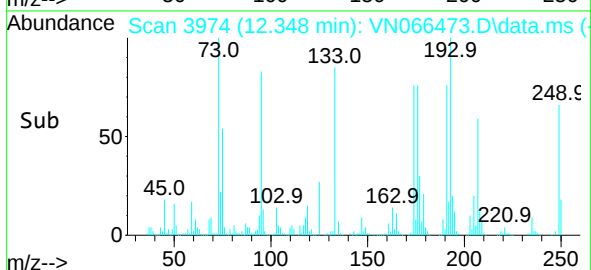
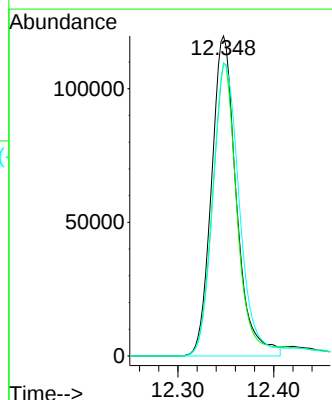
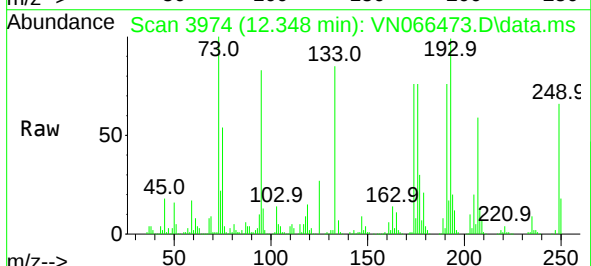
Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

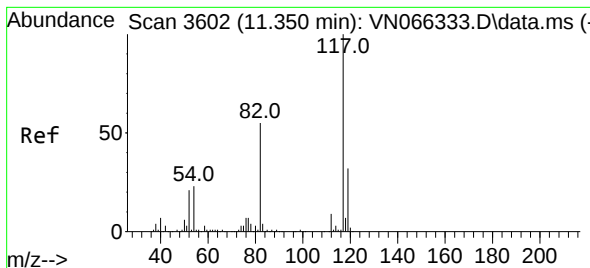
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 52.98 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.005 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion: 95 Resp: 215559
Ion Ratio Lower Upper
95 100
174 89.2 0.0 172.2
176 98.6 0.0 167.8

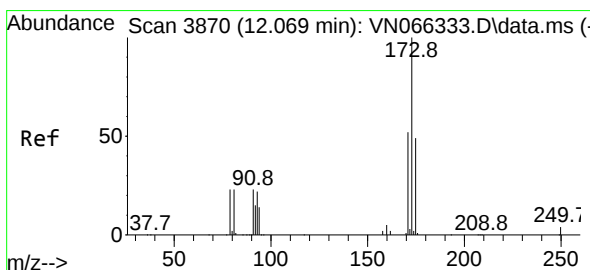
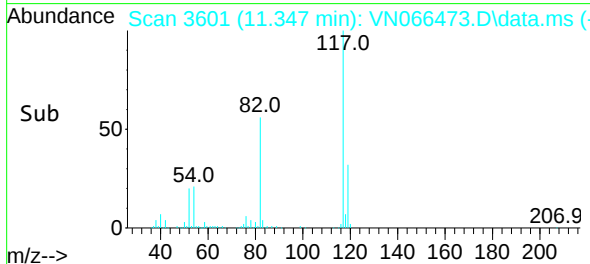
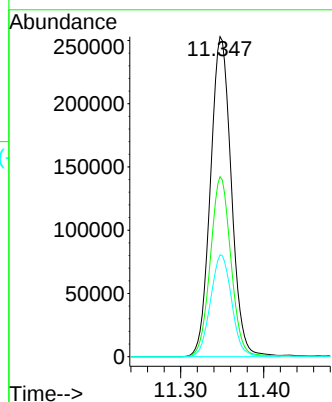
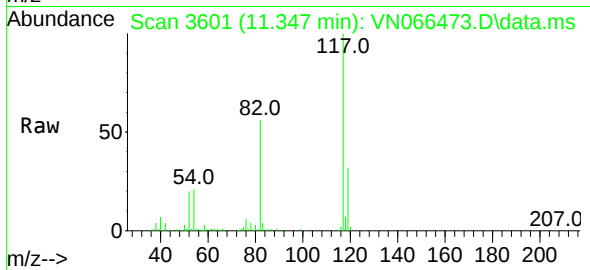




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

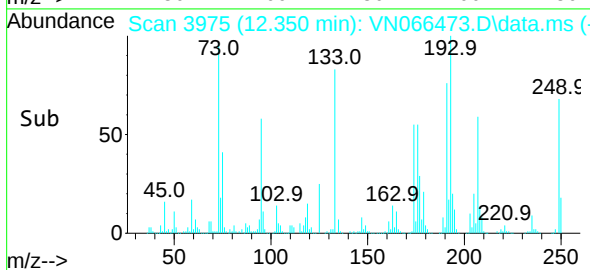
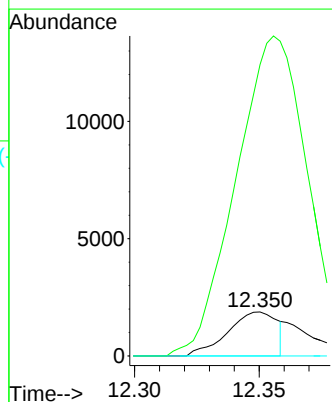
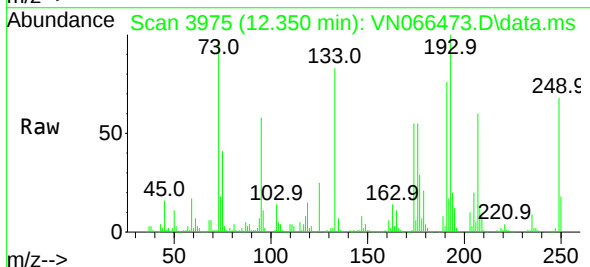
Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

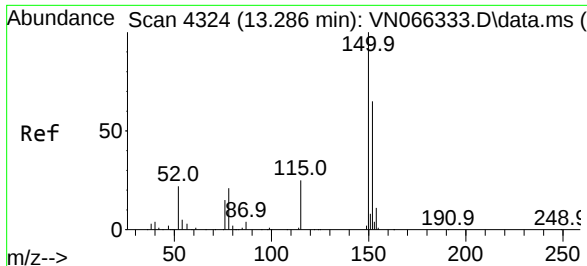
Tgt Ion:117 Resp: 441037
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.4
119 31.9 25.8 38.6



#71
Bromoform
Concen: 0.92 ug/l
RT: 12.350 min Scan# 3975
Delta R.T. 0.282 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion:173 Resp: 2601
Ion Ratio Lower Upper
173 100
175 666.4 24.3 72.8#
254 0.0 0.0 0.0

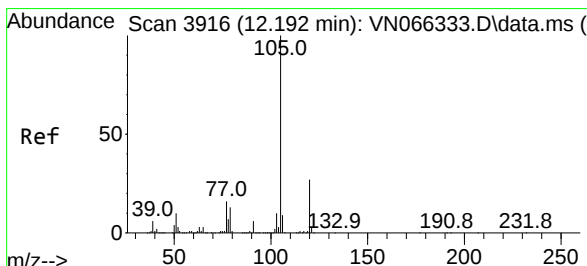
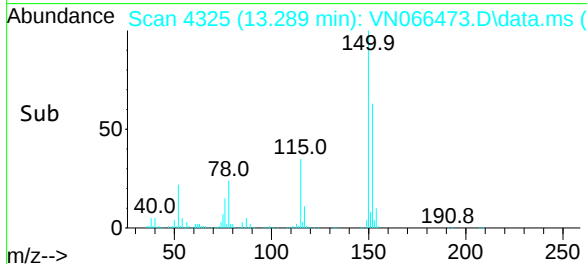
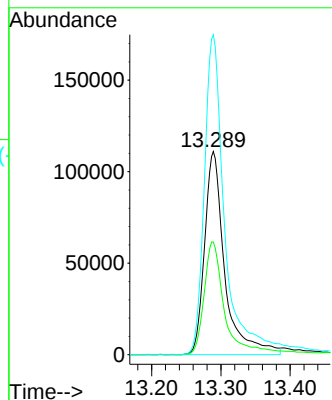
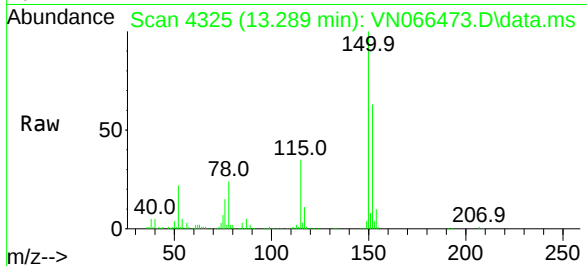




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.005 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

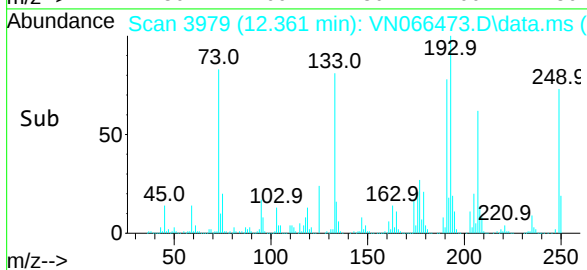
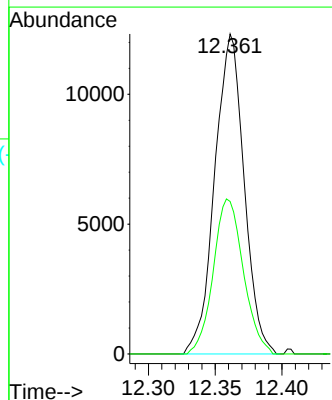
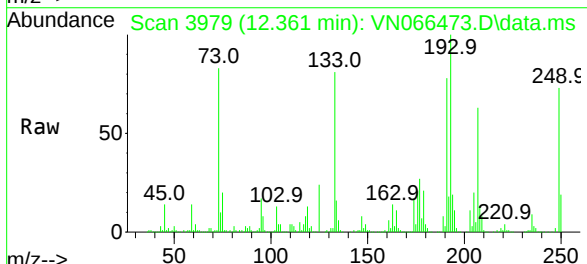
Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

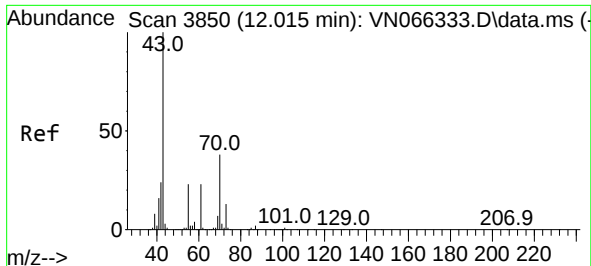
Tgt Ion:152 Resp: 225901
Ion Ratio Lower Upper
152 100
115 57.2 27.8 83.4
150 164.4 0.0 348.4



#73
Isopropylbenzene
Concen: 1.12 ug/l
RT: 12.361 min Scan# 3979
Delta R.T. 0.169 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion:105 Resp: 18847
Ion Ratio Lower Upper
105 100
120 49.6 13.3 39.8#



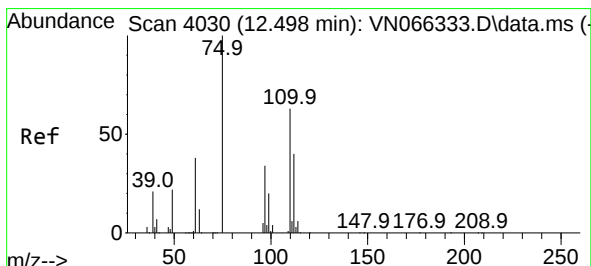
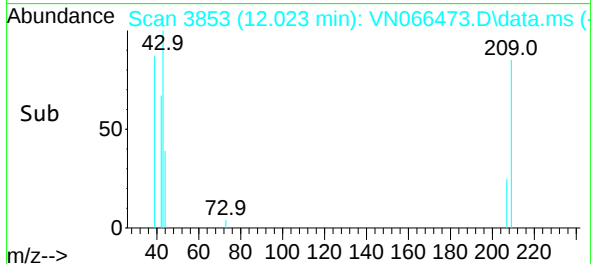
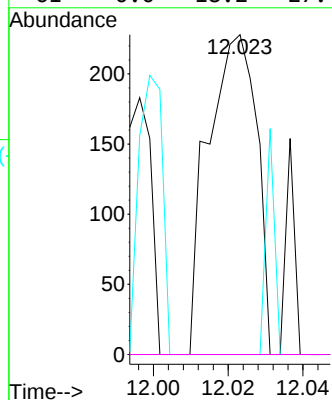
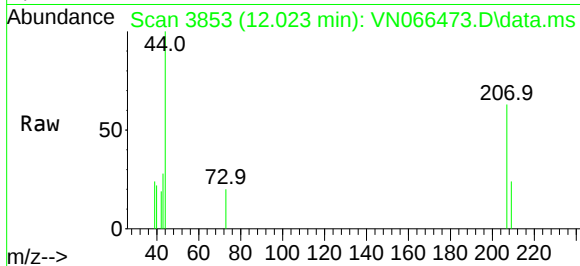


#74
N-amy1 acetate
Concen: 3.22 ug/l
RT: 12.023 min Scan# 3853
Delta R.T. 0.008 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

Tgt Ion: 43 Resp: 207

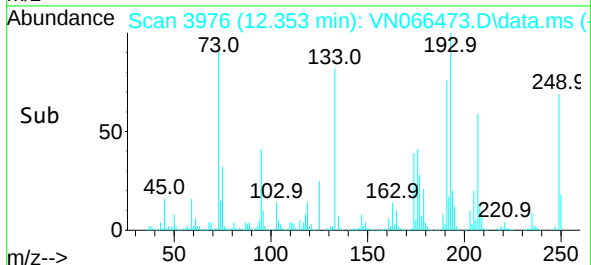
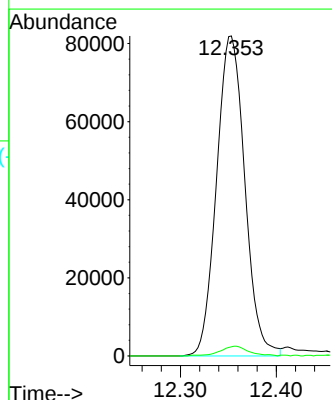
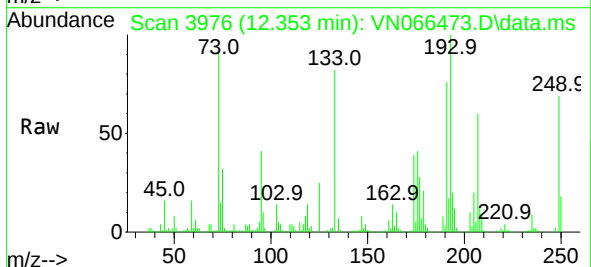
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.2	46.8#
55	0.0	18.6	28.0#
61	0.0	18.2	27.4#

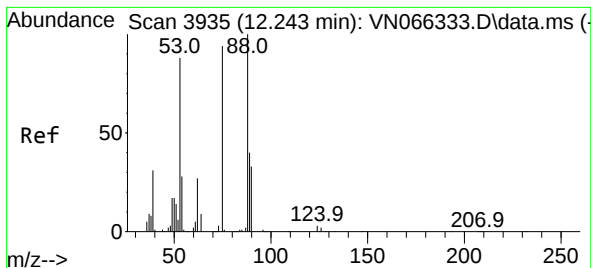


#76
1,2,3-Trichloropropane
Concen: 33.82 ug/l
RT: 12.353 min Scan# 3976
Delta R.T. -0.142 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion: 75 Resp: 167663

Ion	Ratio	Lower	Upper
75	100		
77	3.0	0.0	0.0#

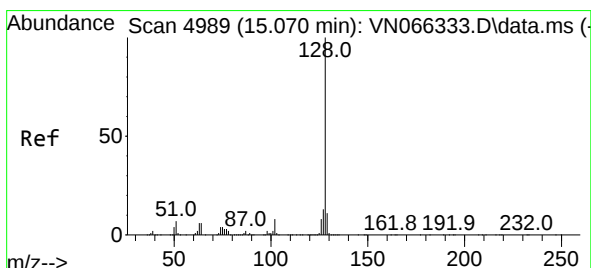
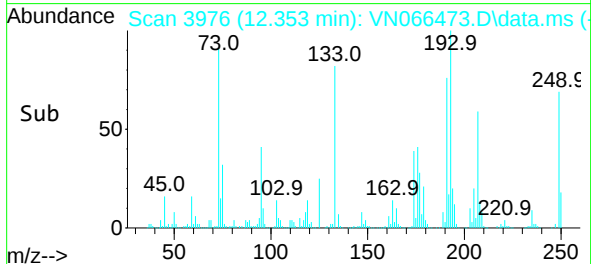
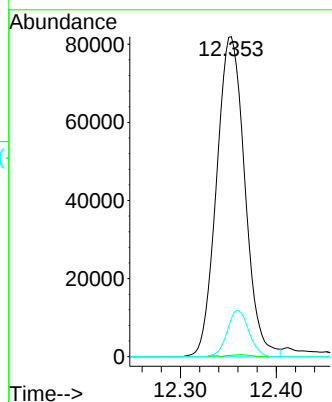
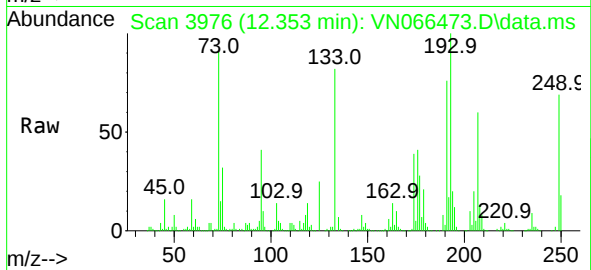




#81
trans-1,4-Dichloro-2-butene
Concen: 101.72 ug/l
RT: 12.353 min Scan# 3976
Delta R.T. 0.110 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :
FS-SB16(45-46)

Tgt Ion: 75 Resp: 167663
Ion Ratio Lower Upper
75 100
53 0.4 76.1 114.1#
89 11.1 35.7 53.5#



#95
Naphthalene
Concen: 1.16 ug/l
RT: 15.279 min Scan# 5067
Delta R.T. 0.019 min
Lab File: VN066473.D
Acq: 2 Apr 2021 17:28

Tgt Ion:128 Resp: 1519
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 14.2 8.5 12.7#

