

Data File : VN058868.D
 Acq On : 18 Oct 2019 19:01
 Operator : JC/SP
 Sample : K5452-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0423-9001

Quant Time: Oct 21 08:02:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	370271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	601807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	286437	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.57	113	204592	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.08	98	762926	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.40	95	241126	42.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.50%	

Target Compounds

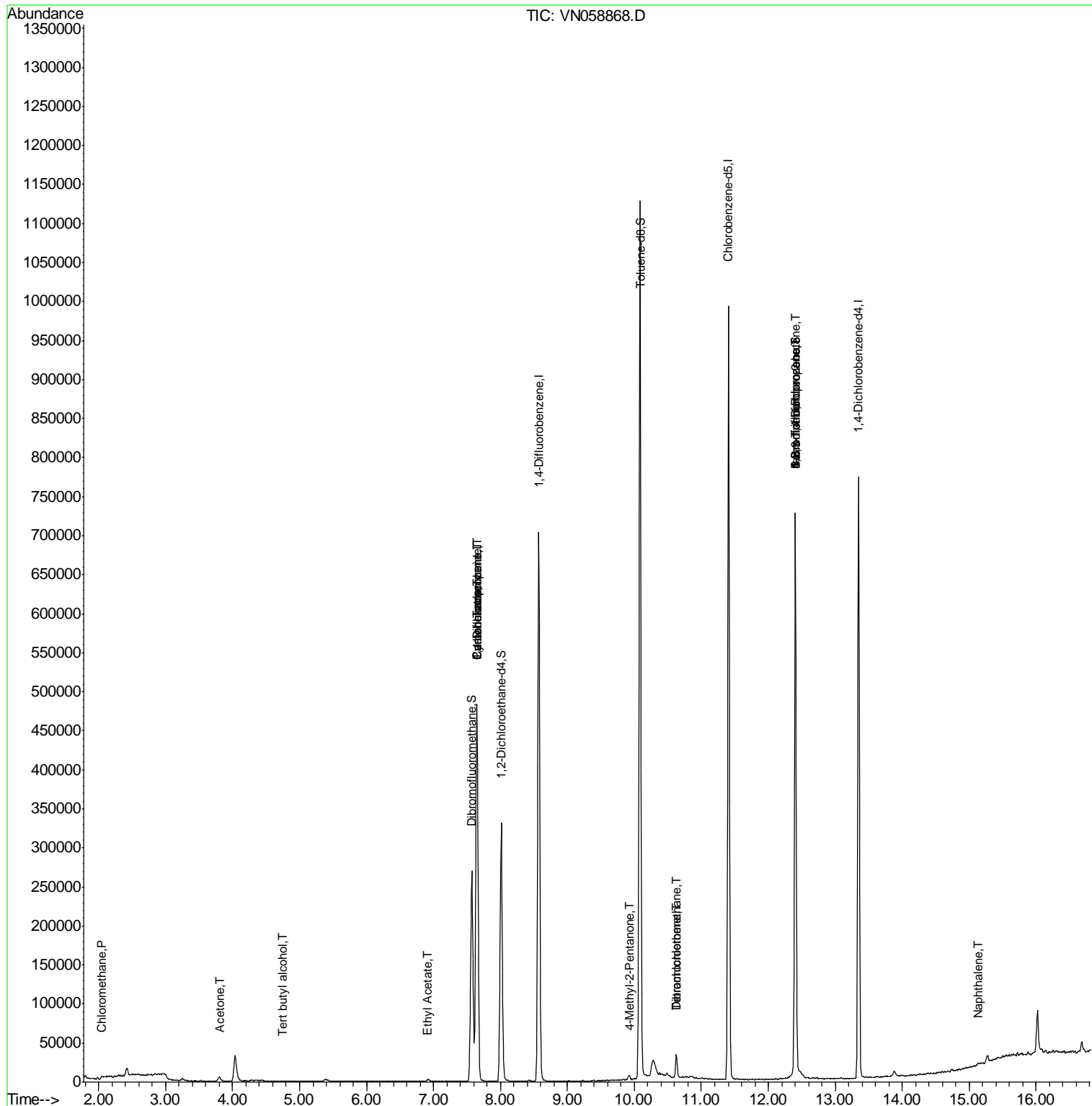
						Qvalue
3) Chloromethane	2.04	50	1608	0.281	ug/l	94
11) Tert butyl alcohol	4.74	59	519	0.576	ug/l #	72
16) Acetone	3.80	43	9487	3.535	ug/l	95
31) Cyclohexane	7.65	56	9157	1.173	ug/l #	13
36) 1,1-Dichloropropene	7.65	75	31989	5.192	ug/l #	51
37) Ethyl Acetate	6.91	43	2641	0.393	ug/l #	78
38) Carbon Tetrachloride	7.64	117	38725	6.101	ug/l #	16
51) 4-Methyl-2-Pentanone	9.92	43	4148	0.660	ug/l #	38
60) Dibromochloromethane	10.63	129	5912	1.243	ug/l #	10
64) Tetrachloroethene	10.63	164	6453	1.717	ug/l	92
71) Bromoform	12.40	173	1743	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	129996	28.588	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	129996	74.474	ug/l #	10
95) Naphthalene	15.14	128	180	2.241	ug/l #	70

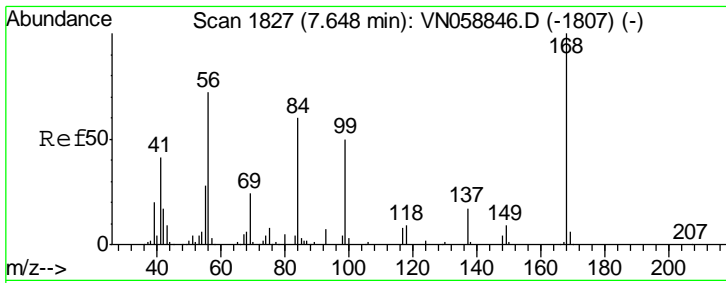
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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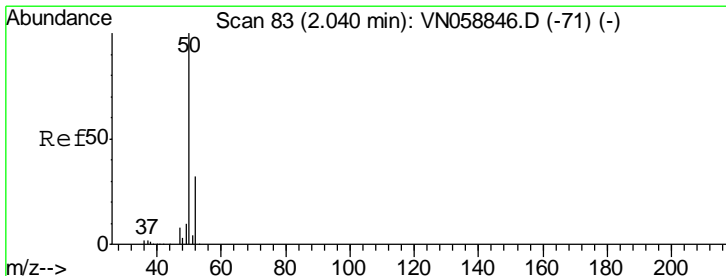
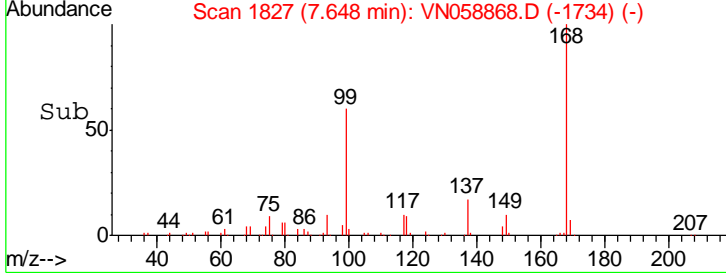
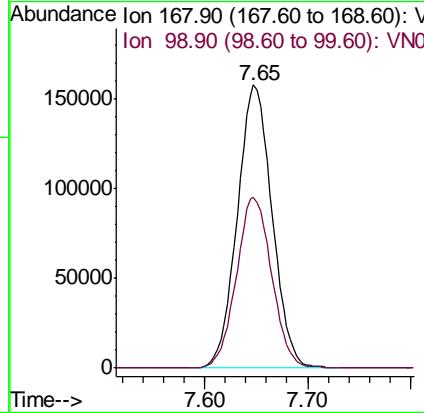
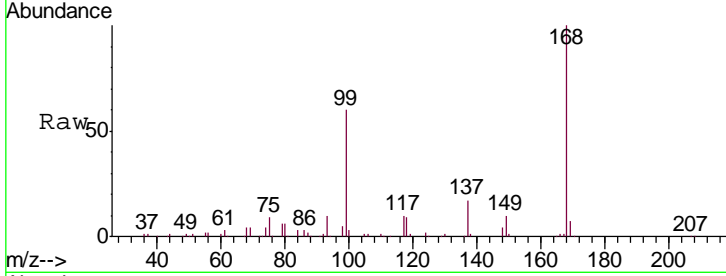




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

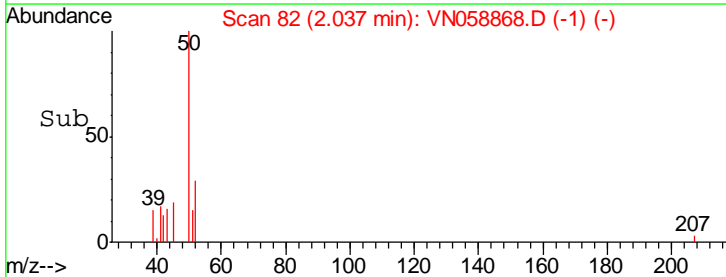
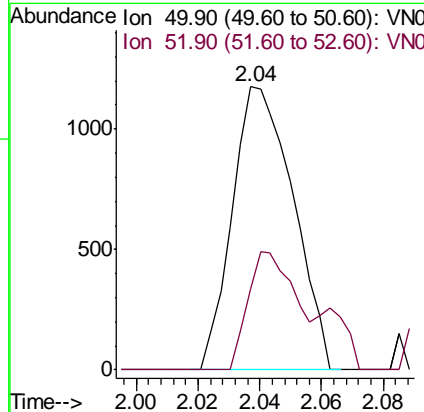
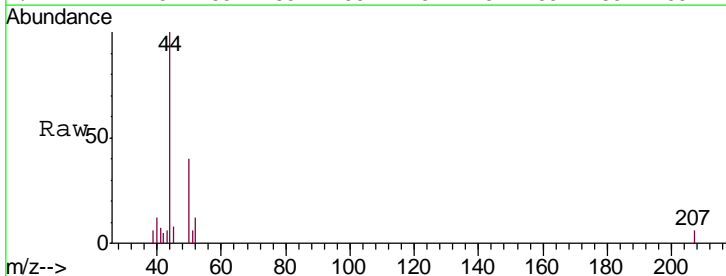
Instrument :
 MSVOA_N
 ClientSampled :
 FA19-MMW0423-9001

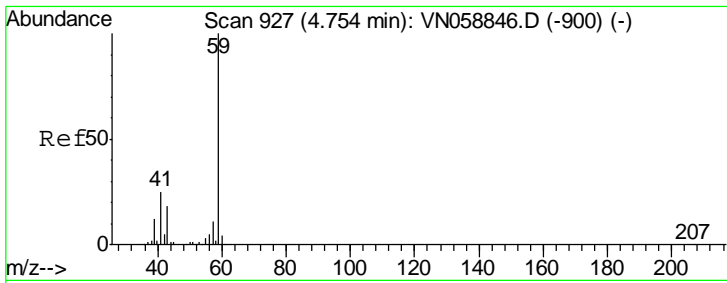
Tgt Ion: 168 Resp: 370271
 Ion Ratio Lower Upper
 168 100
 99 60.5 48.1 72.1



#3
 Chloromethane
 Concen: 0.281 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion: 50 Resp: 1608
 Ion Ratio Lower Upper
 50 100
 52 28.9 25.7 38.5

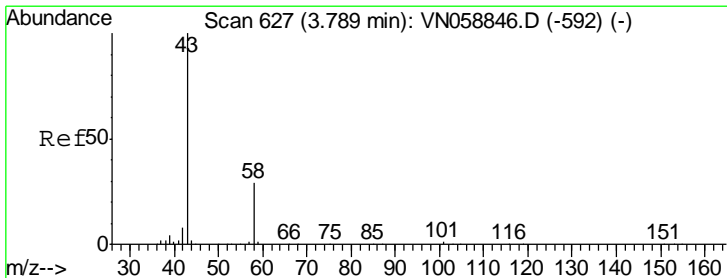
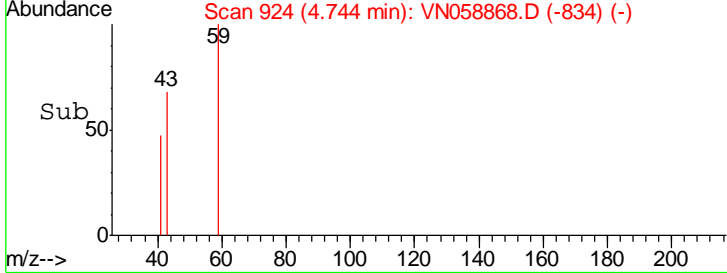
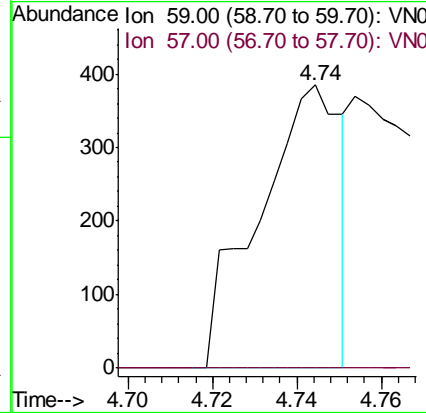
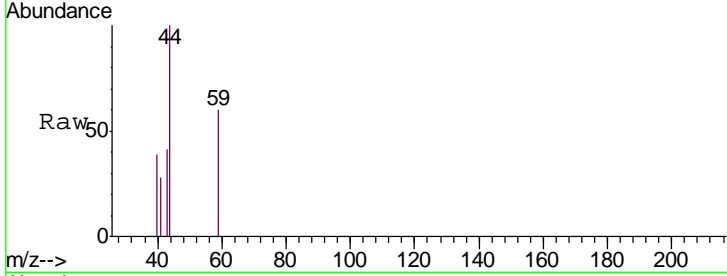




#11
 Tert butyl alcohol
 Concen: 0.576 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

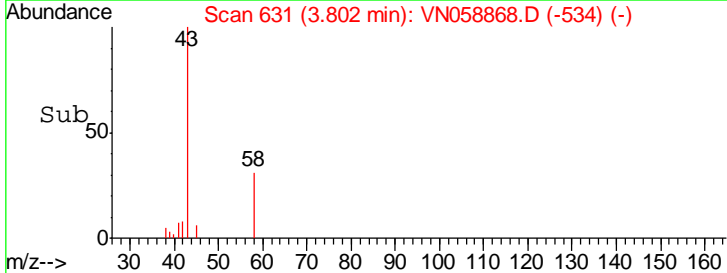
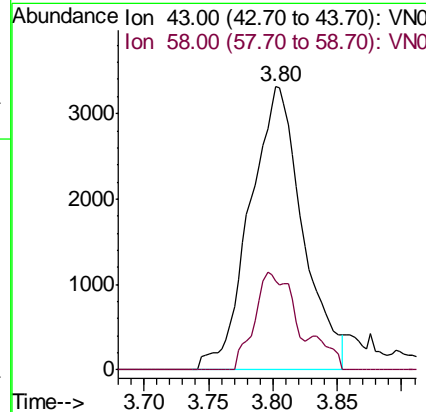
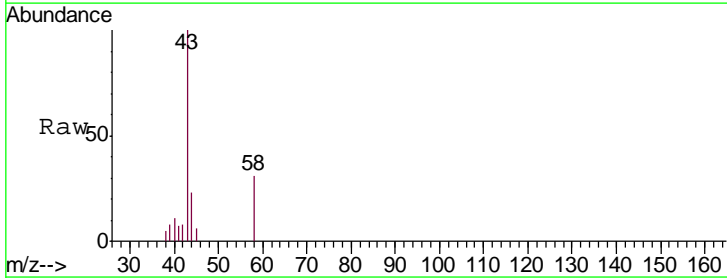
Instrument :
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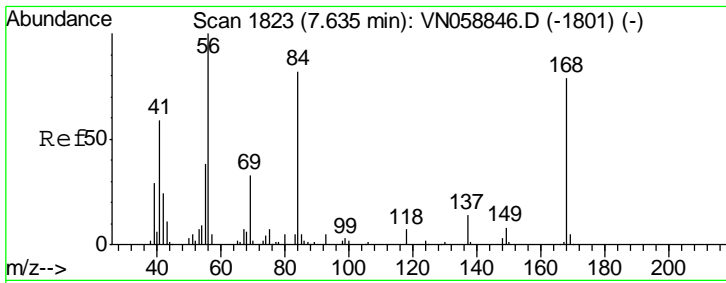
Tgt Ion	Resp	Lower	Upper
59	100		
57	0.0	8.6	12.8#



#16
 Acetone
 Concen: 3.535 ug/l
 RT: 3.80 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
43	100		
58	31.5	23.1	34.7

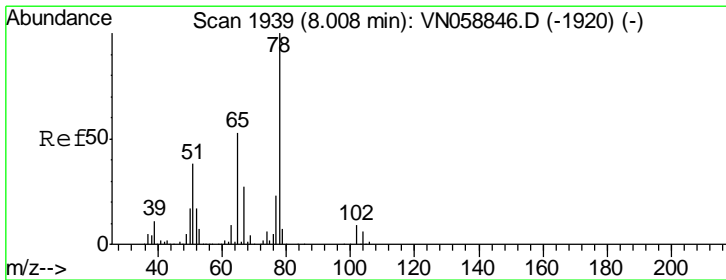
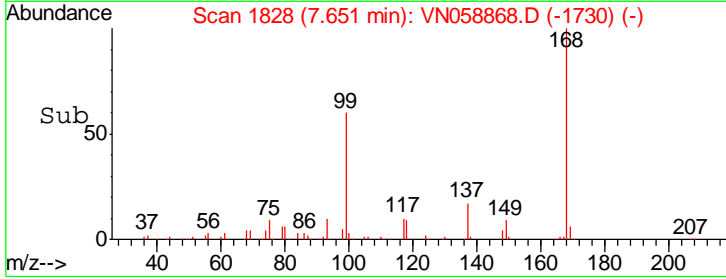
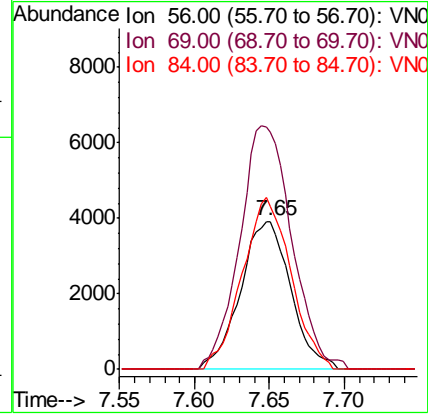
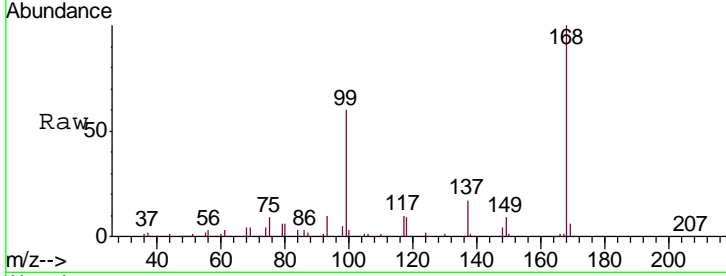




#31
 Cyclohexane
 Concen: 1.173 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. 0.02 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

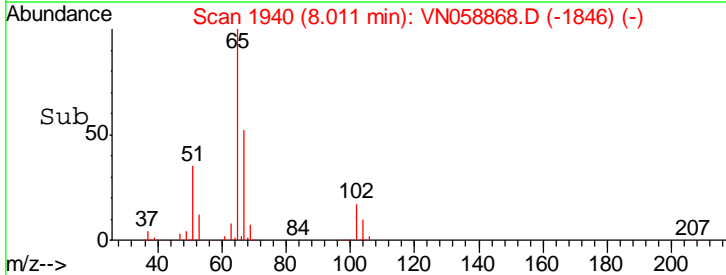
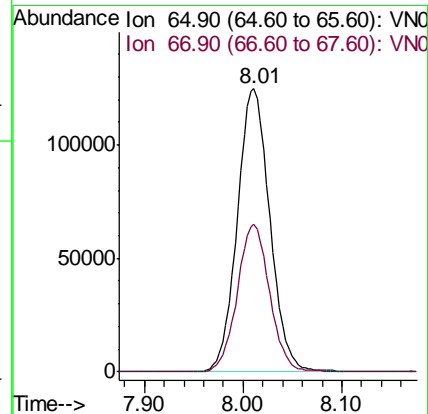
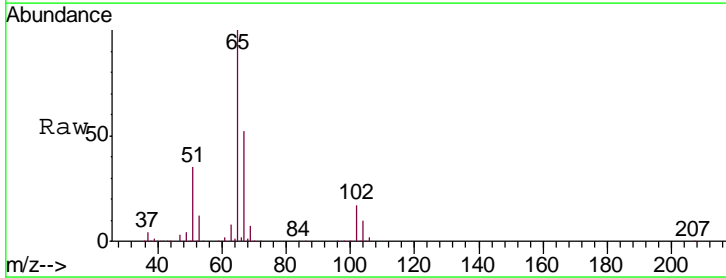
Instrument :
 MSVOA_N
 ClientSampled :
 FA19-MMW0423-9001

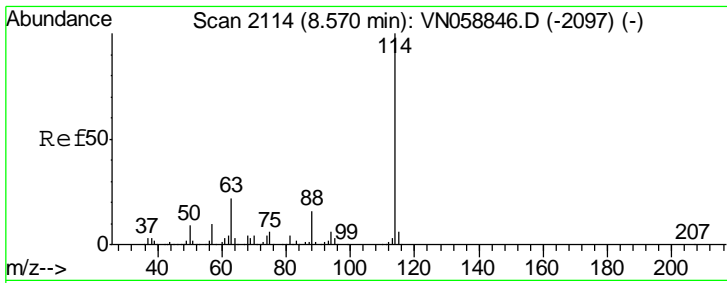
Tgt Ion	Resp	Lower	Upper
56	100		
69	160.7	26.2	39.4#
84	110.2	65.6	98.4#



#33
 1,2-Dichloroethane-d4
 Concen: 52.745 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
65	100		
67	51.9	0.0	103.2

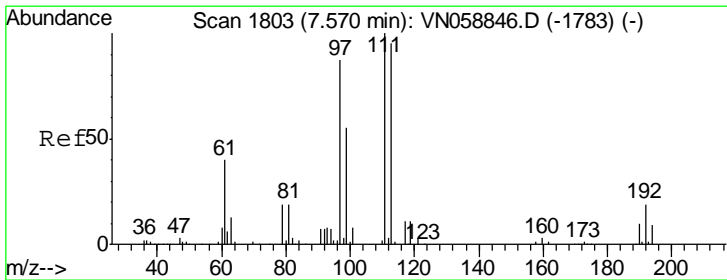
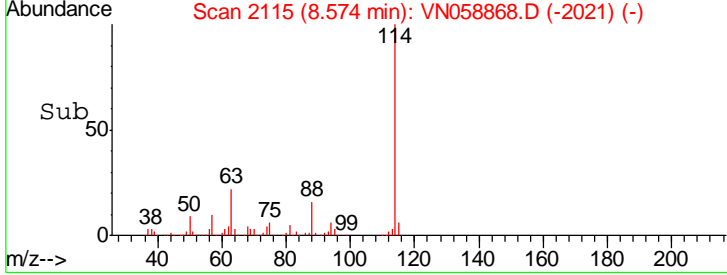
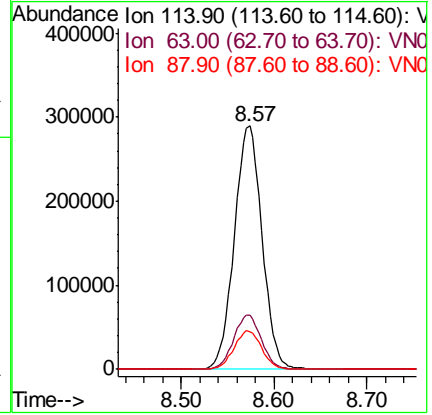
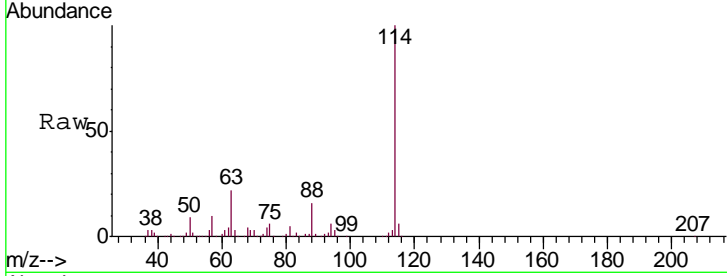




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

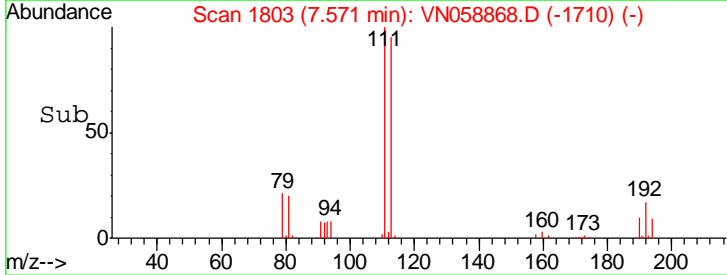
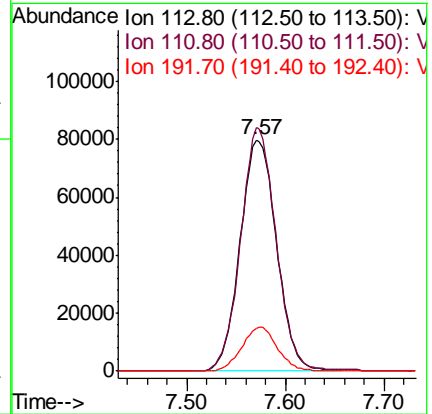
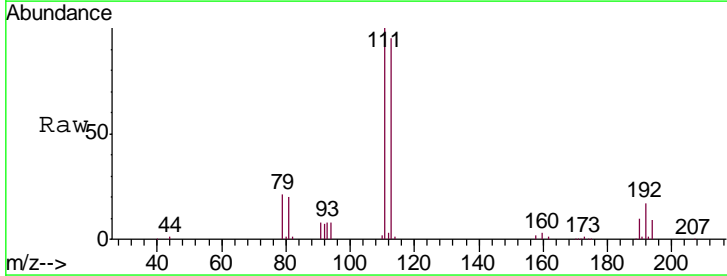
Instrument : MSVOA_N
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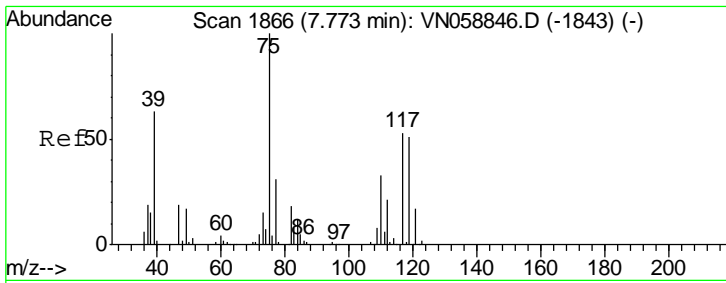
Tgt Ion	Resp	Lower	Upper
114	100		
63	22.5	0.0	44.4
88	15.6	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 51.707 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	18.5	15.0	22.6

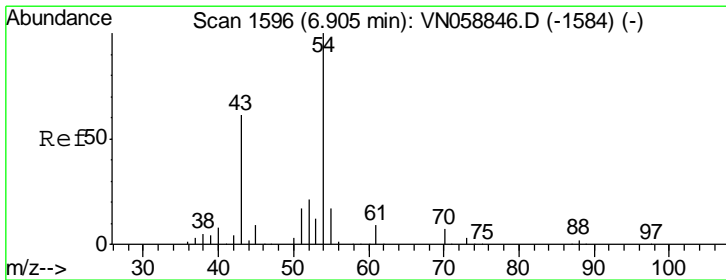
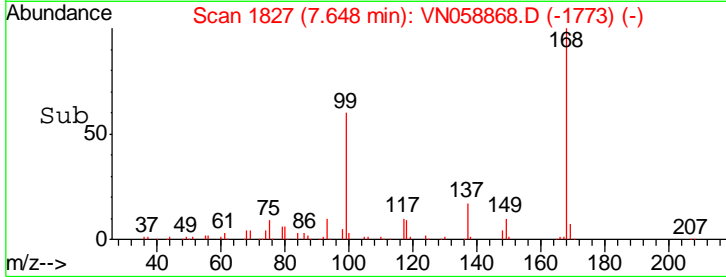
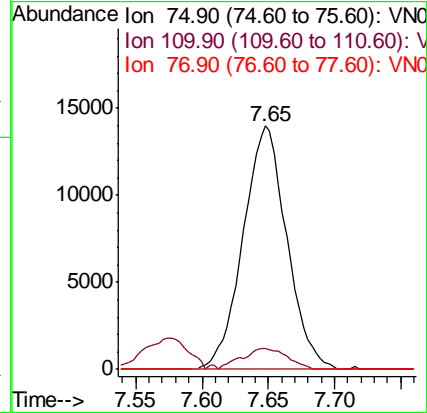
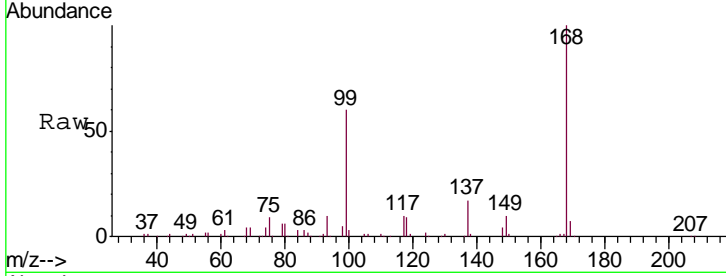




#36
 1,1-Dichloropropene
 Concen: 5.192 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

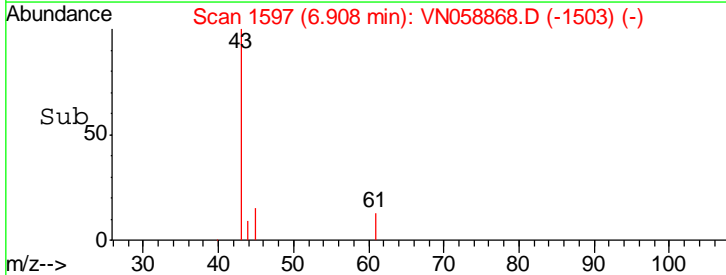
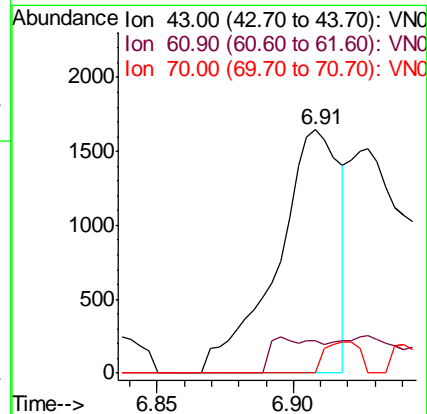
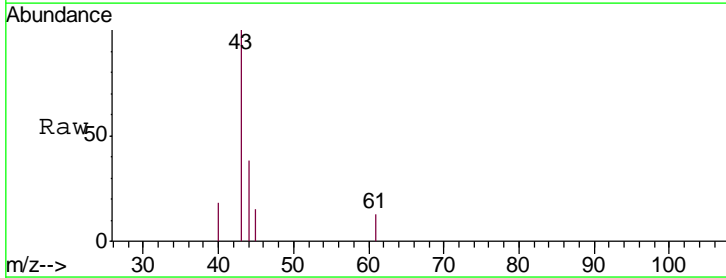
Instrument :
 MSVOA_N
 ClientSampleId :
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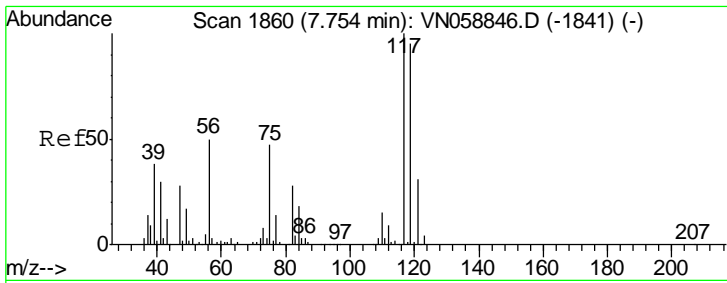
Tgt Ion	Resp	Lower	Upper
75	31989		
110	9.0	16.3	48.9#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 0.393 ug/l
 RT: 6.91 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
43	2641		
61	0.0	10.5	15.7#
70	6.9	7.6	11.4#

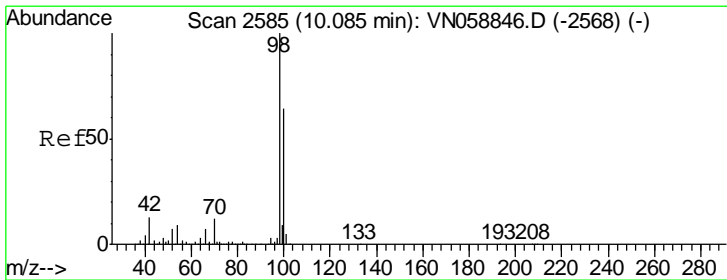
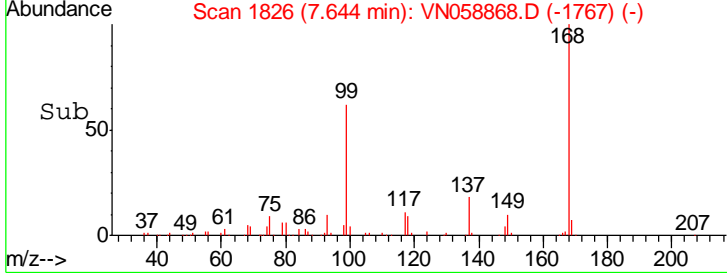
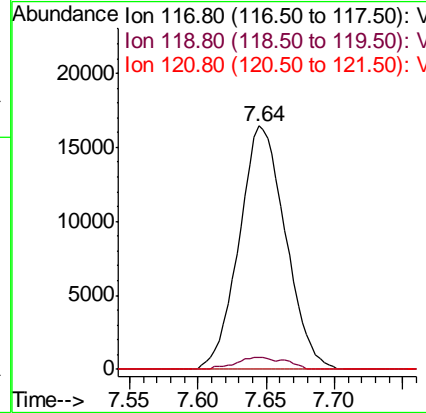
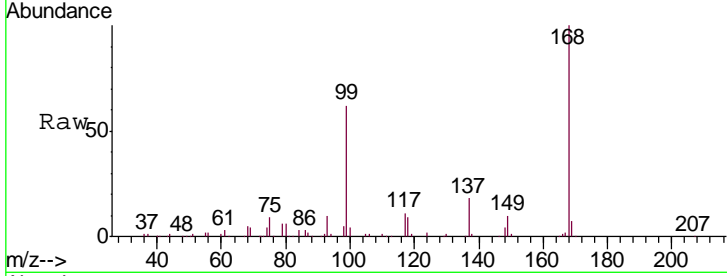




#38
 Carbon Tetrachloride
 Concen: 6.101 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

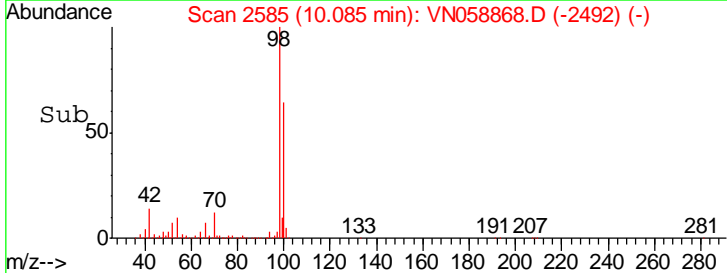
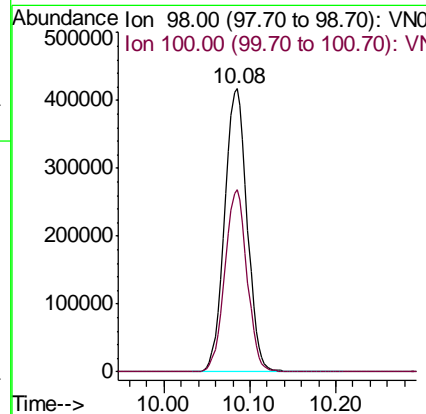
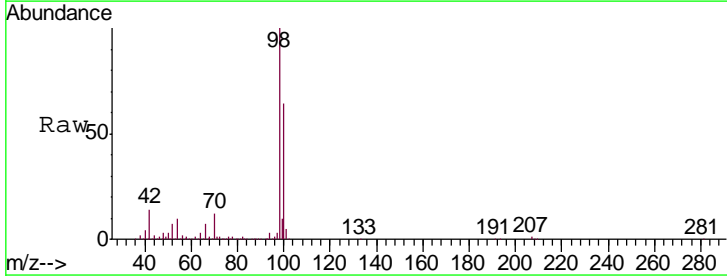
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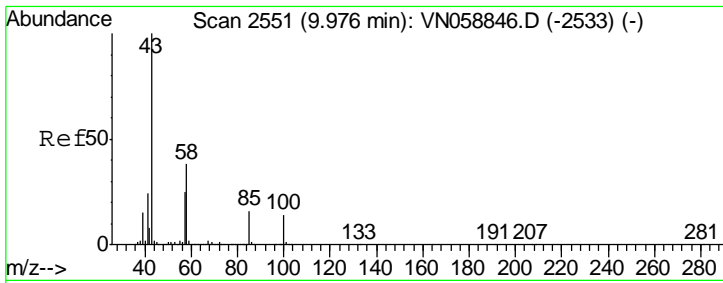
Tgt Ion	Resp	Lower	Upper
117	38725		
119	5.1	75.7	113.5#
121	0.0	25.0	37.6#



#50
 Toluene-d8
 Concen: 49.671 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058868.D
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Tgt Ion	Resp	Lower	Upper
98	762926		
100	63.6	51.4	77.2

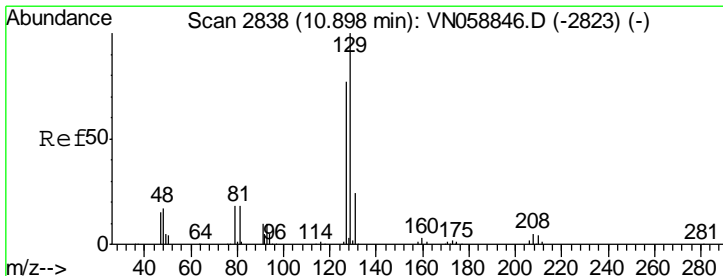
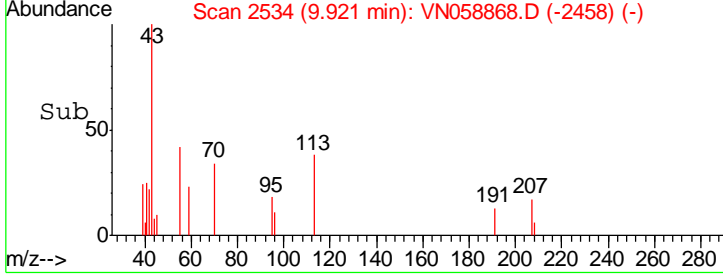
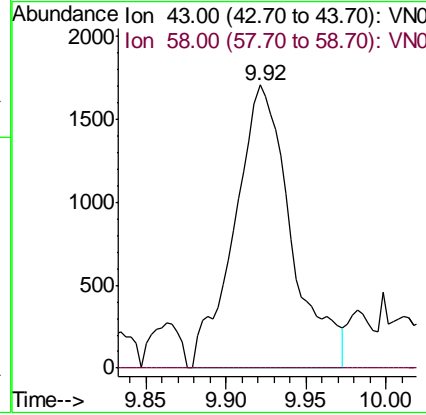
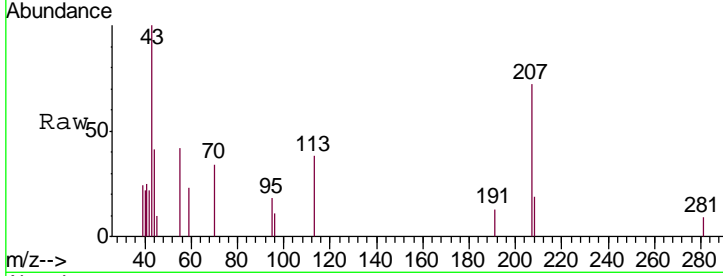




#51
 4-Methyl-2-Pentanone
 Concen: 0.660 ug/l
 RT: 9.92 min Scan# 2534
 Delta R.T. -0.05 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

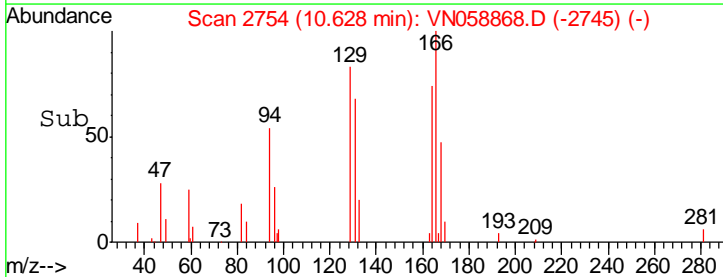
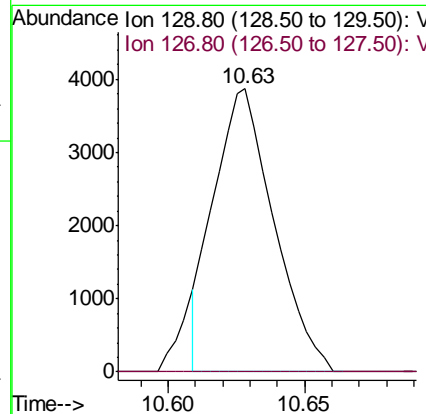
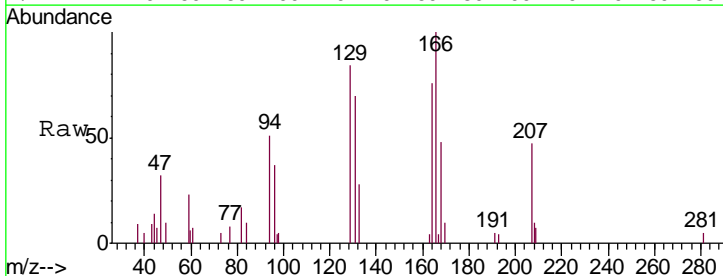
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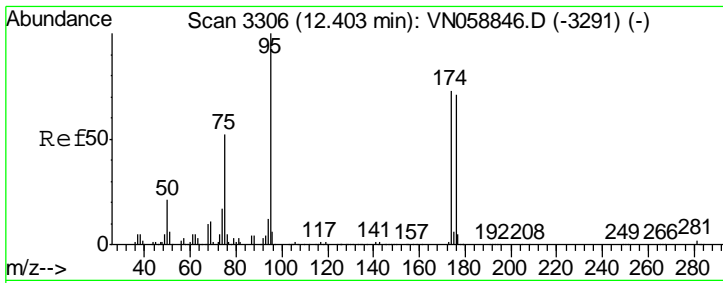
Tgt Ion: 43 Resp: 4148
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.9 44.9#



#60
 Dibromochloromethane
 Concen: 1.243 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.27 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion: 129 Resp: 5912
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.1 117.3#

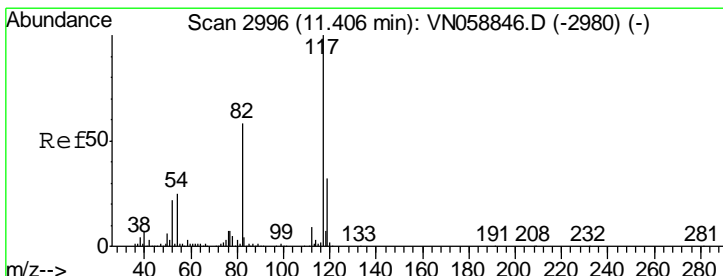
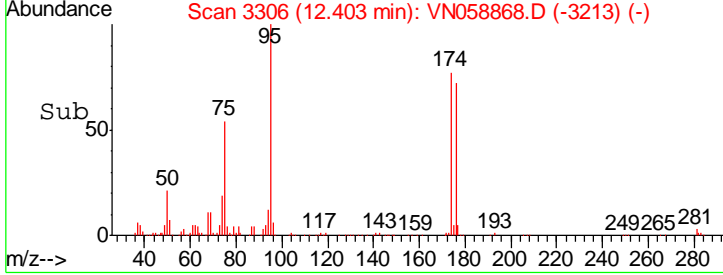
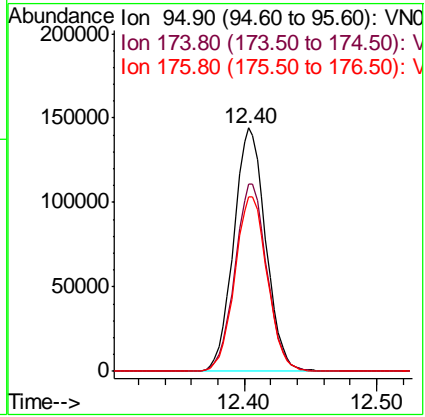
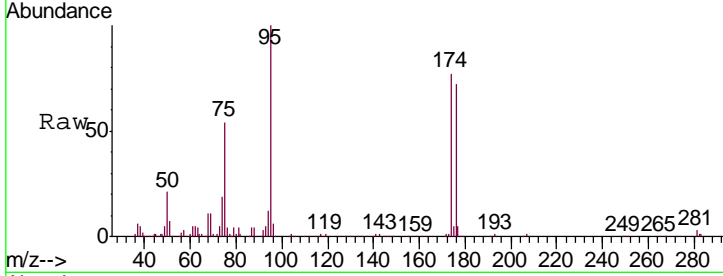




#62
 4-Bromofluorobenzene
 Concen: 42.750 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

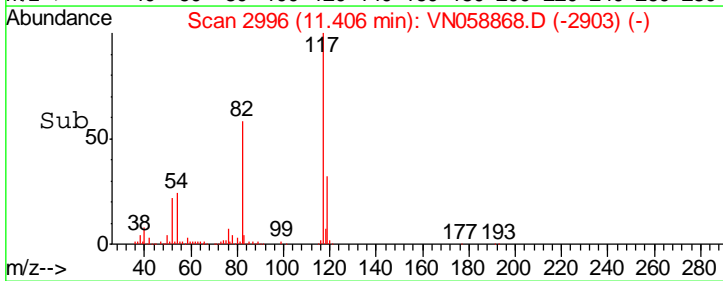
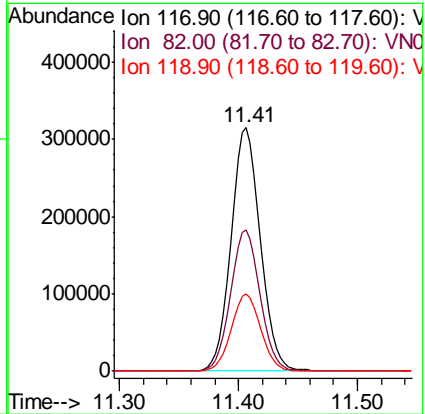
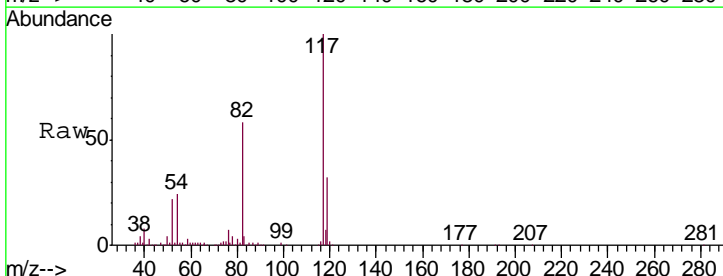
Instrument : MSVOA_N
 ClientSampled : FA19-MMW0423-9001

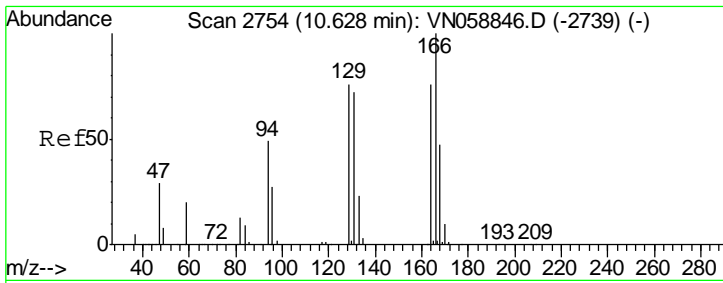
Tgt Ion	Resp	Lower	Upper
95	241126		
174	77.2	0.0	147.6
176	73.1	0.0	143.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
117	536647		
82	57.9	46.6	69.8
119	31.6	25.6	38.4

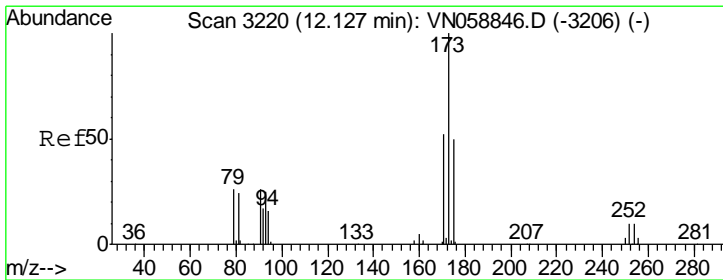
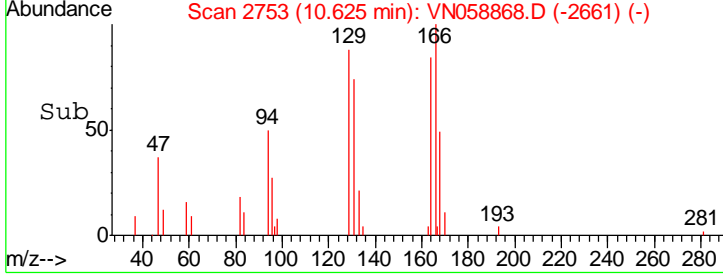
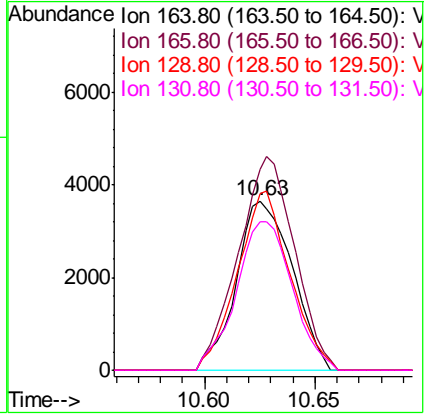
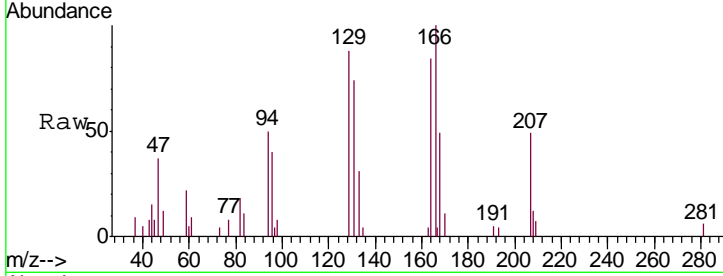




#64
 Tetrachloroethene
 Concen: 1.717 ug/l
 RT: 10.63 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

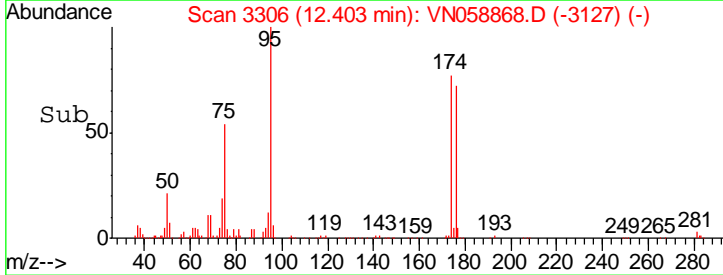
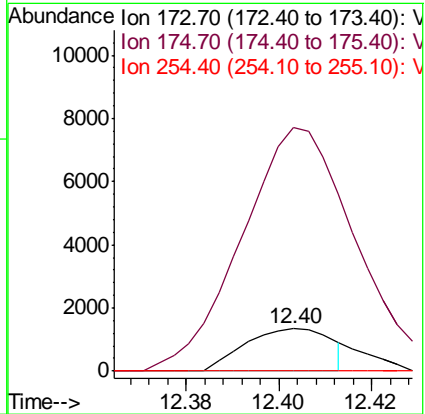
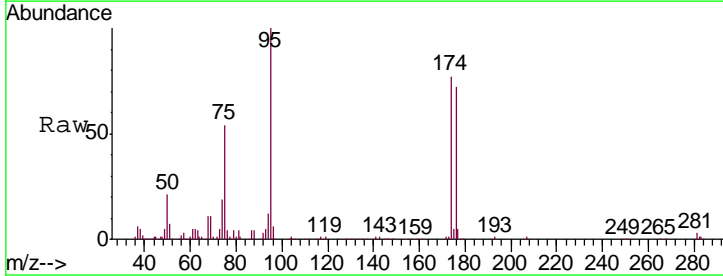
Instrument : MSVOA_N
 ClientSampled : FA19-MMW0423-9001

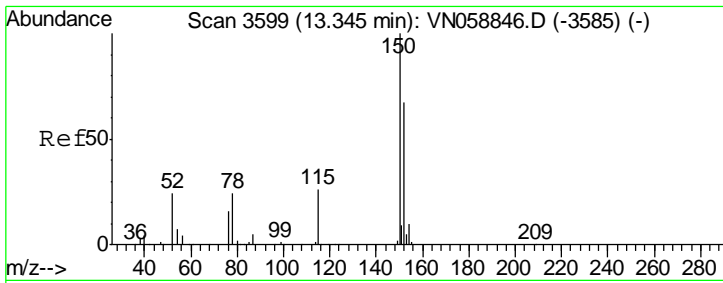
Tgt Ion	Resp	Lower	Upper
164	100		
166	118.6	104.8	157.2
129	104.3	79.3	118.9
131	87.7	75.8	113.6



#71
 Bromoform
 Concen: 0.545 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.28 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
173	100		
175	605.8	24.7	74.1#
254	0.0	0.0	0.0

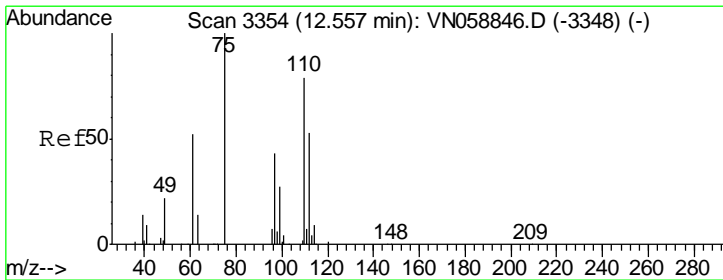
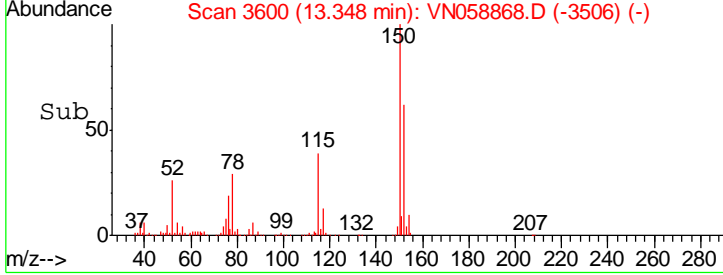
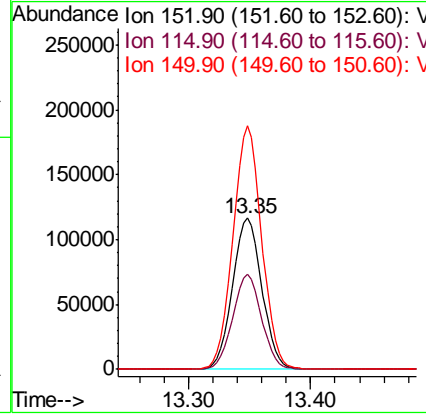
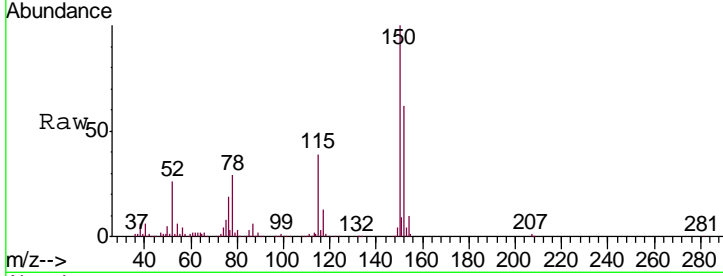




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

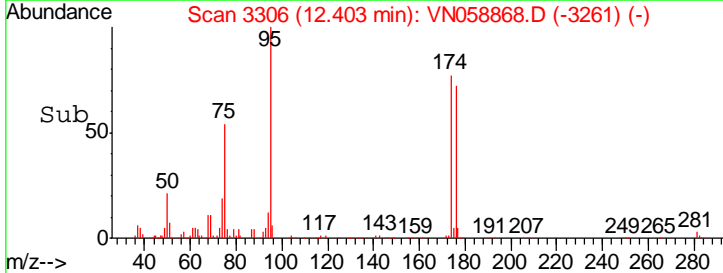
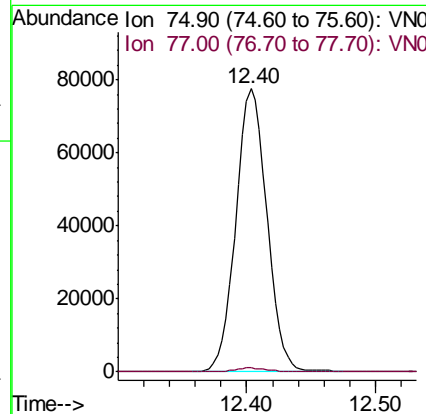
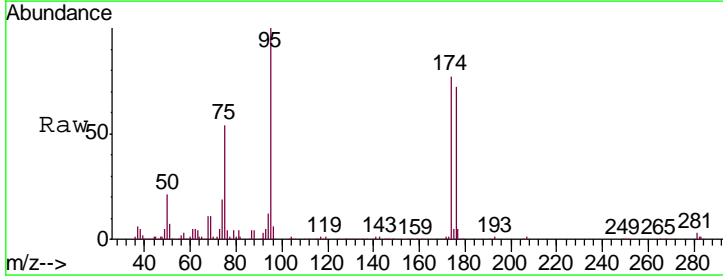
Instrument : MSVOA_N
 ClientSampleId : FA19-MMW0423-9001

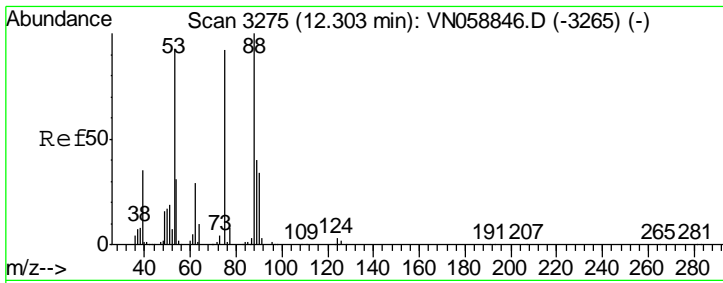
Tgt Ion	Resp	Lower	Upper
152	196204		
115	61.9	30.5	91.5
150	157.3	0.0	344.4



#76
 1,2,3-Trichloropropane
 Concen: 28.588 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
75	129996		
77	1.4	0.0	0.0#

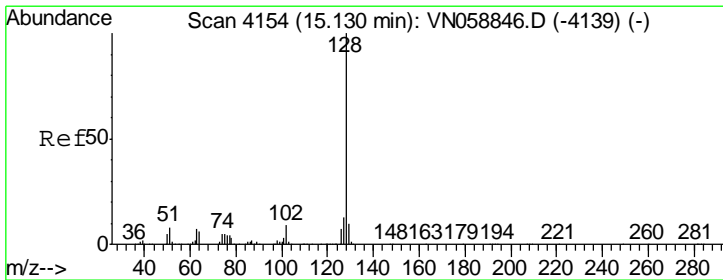
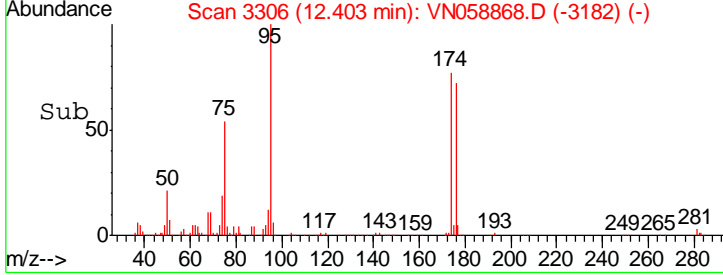
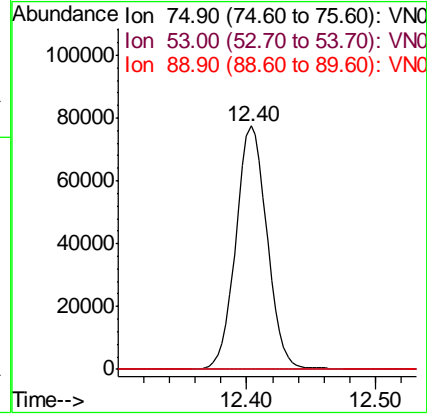
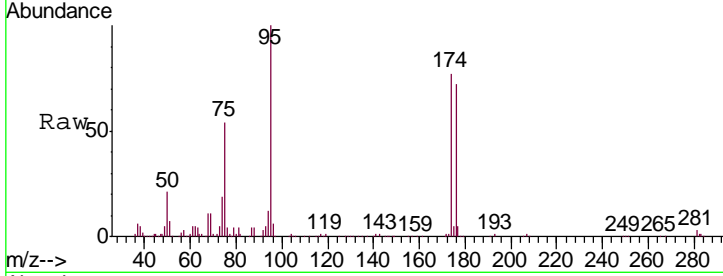




#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.474 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Instrument : MSVOA_N
 ClientSampled : FA19-MMW0423-9001

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	78.6	118.0#
89	0.0	35.4	53.0#



#95
 Naphthalene
 Concen: 2.241 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN058868.D
 Acq: 18 Oct 2019 19:01

Tgt Ion	Resp	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.4	12.6#

