

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050619.D
 Acq On : 14 Aug 2018 23:00
 Operator : MD\SY
 Sample : VN0814WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
Client Sampled :
 VN0814WBS02

Manual Integrations
APPROVED
 MMDadoda
 8/15/2018 3:32:20 PM

Quant Time: Aug 15 13:44:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	905202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	826513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	396634	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	369406	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1385385	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	438058	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	134986	19.24	ug/l	98
3) Chloromethane	2.06	50	175537	20.23	ug/l	99
4) Vinyl Chloride	2.18	62	180253	19.34	ug/l	99
5) Bromomethane	2.56	94	104680	19.62	ug/l	98
6) Chloroethane	2.70	64	109444	20.18	ug/l	98
7) Trichlorofluoromethane	3.01	101	233901	19.12	ug/l	97
8) Diethyl Ether	3.41	74	78925	19.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	145646	19.69	ug/l	99
10) Methyl Iodide	3.95	142	94204	22.37	ug/l	# 94
11) Tert butyl alcohol	4.80	59	43132	100.67	ug/l	100
12) 1,1-Dichloroethene	3.74	96	129857	19.23	ug/l	99
13) Acrolein	3.62	56	13882	78.15	ug/l	96
14) Allyl chloride	4.32	41	200526	19.09	ug/l	99
15) Acrylonitrile	5.00	53	236109	100.34	ug/l	99
16) Acetone	3.82	43	208165	105.42	ug/l	97
17) Carbon Disulfide	4.05	76	406489	19.12	ug/l	99
18) Methyl Acetate	4.33	43	116646	20.58	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	345249	20.08	ug/l	98
20) Methylene Chloride	4.55	84	157890	20.42	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	144026	19.67	ug/l	98
22) Diisopropyl ether	5.96	45	444331	20.63	ug/l	96
23) Vinyl Acetate	5.90	43	1429201	101.43	ug/l	99
24) 1,1-Dichloroethane	5.85	63	270345	19.40	ug/l	99
25) 2-Butanone	6.84	43	317622	98.73	ug/l	99
26) 2,2-Dichloropropane	6.83	77	187816	20.13	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158152	19.40	ug/l	98
28) Bromochloromethane	7.20	49	123081	19.40	ug/l	100
29) Tetrahydrofuran	7.22	42	173713	103.42	ug/l	99
30) Chloroform	7.37	83	271003	19.19	ug/l	100
31) Cyclohexane	7.66	56	234280	19.49	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	229333	19.29	ug/l	99
36) 1,1-Dichloropropene	7.80	75	203402	20.19	ug/l	99
37) Ethyl Acetate	6.93	43	122741	21.55	ug/l	99
38) Carbon Tetrachloride	7.78	117	208132	19.91	ug/l	99

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 8/15/2018 3:32:20 PM

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	210536	20.18	ug/l	96
40) Benzene	8.04	78	629806	20.55	ug/l	99
41) Methacrylonitrile	7.18	41	55404	17.99	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	192538	20.49	ug/l	99
43) Isopropyl Acetate	8.17	43	205682	19.81	ug/l	99
44) Trichloroethene	8.84	130	164240	20.00	ug/l	99
45) 1,2-Dichloropropane	9.12	63	164508	20.16	ug/l	98
46) Dibromomethane	9.21	93	97674	20.27	ug/l	97
47) Bromodichloromethane	9.40	83	205511	19.95	ug/l	99
48) Methyl methacrylate	9.20	41	104605	20.03	ug/l	99
49) 1,4-Dioxane	9.20	88	28759	417.96	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	749115	106.71	ug/l	99
52) Toluene	10.16	92	382762	20.91	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	190511	19.86	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	227184	20.64	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	138999	20.33	ug/l	97
56) Ethyl methacrylate	10.43	69	157618	19.29	ug/l	99
57) 1,3-Dichloropropane	10.71	76	228771	20.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	371842	95.70	ug/l	99
59) 2-Hexanone	10.75	43	472564	104.30	ug/l	99
60) Dibromochloromethane	10.90	129	152361	20.19	ug/l	99
61) 1,2-Dibromoethane	11.01	107	134034	20.58	ug/l	99
64) Tetrachloroethene	10.63	164	155271	20.23	ug/l	99
65) Chlorobenzene	11.44	112	410555	19.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	153740	19.94	ug/l	99
67) Ethyl Benzene	11.51	91	677588	20.40	ug/l	100
68) m/p-Xylenes	11.62	106	532026	41.88	ug/l	100
69) o-Xylene	11.95	106	249256	20.58	ug/l	99
70) Styrene	11.96	104	407483	19.50	ug/l	99
71) Bromoform	12.13	173	104280	20.39	ug/l #	99
73) Isopropylbenzene	12.25	105	666632	20.71	ug/l	100
74) N-amyl acetate	12.07	43	168474	20.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	169682	21.38	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	125918m	18.27	ug/l	
77) Bromobenzene	12.53	156	172000	19.68	ug/l	99
78) n-propylbenzene	12.59	91	749203	20.88	ug/l	99
79) 2-Chlorotoluene	12.67	91	457834	20.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	550981	21.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37081	20.01	ug/l	97
82) 4-Chlorotoluene	12.77	91	460304	20.82	ug/l	100
83) tert-Butylbenzene	12.99	119	452013	20.21	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	555625	21.48	ug/l	99
85) sec-Butylbenzene	13.17	105	607325	20.78	ug/l	99
86) p-Isopropyltoluene	13.29	119	523210	21.12	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	297625	20.01	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	288605	19.55	ug/l	99
89) n-Butylbenzene	13.62	91	393853	19.69	ug/l	97
90) Hexachloroethane	13.88	117	96165	19.31	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	292058	20.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23228	20.23	ug/l	98

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 ClientSampleId :
 VN0814WBS02

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	124107	18.45	ug/l	98
94) Hexachlorobutadiene	15.01	225	86196	19.37	ug/l	100
95) Naphthalene	15.13	128	232579	17.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	119812	18.49	ug/l	97

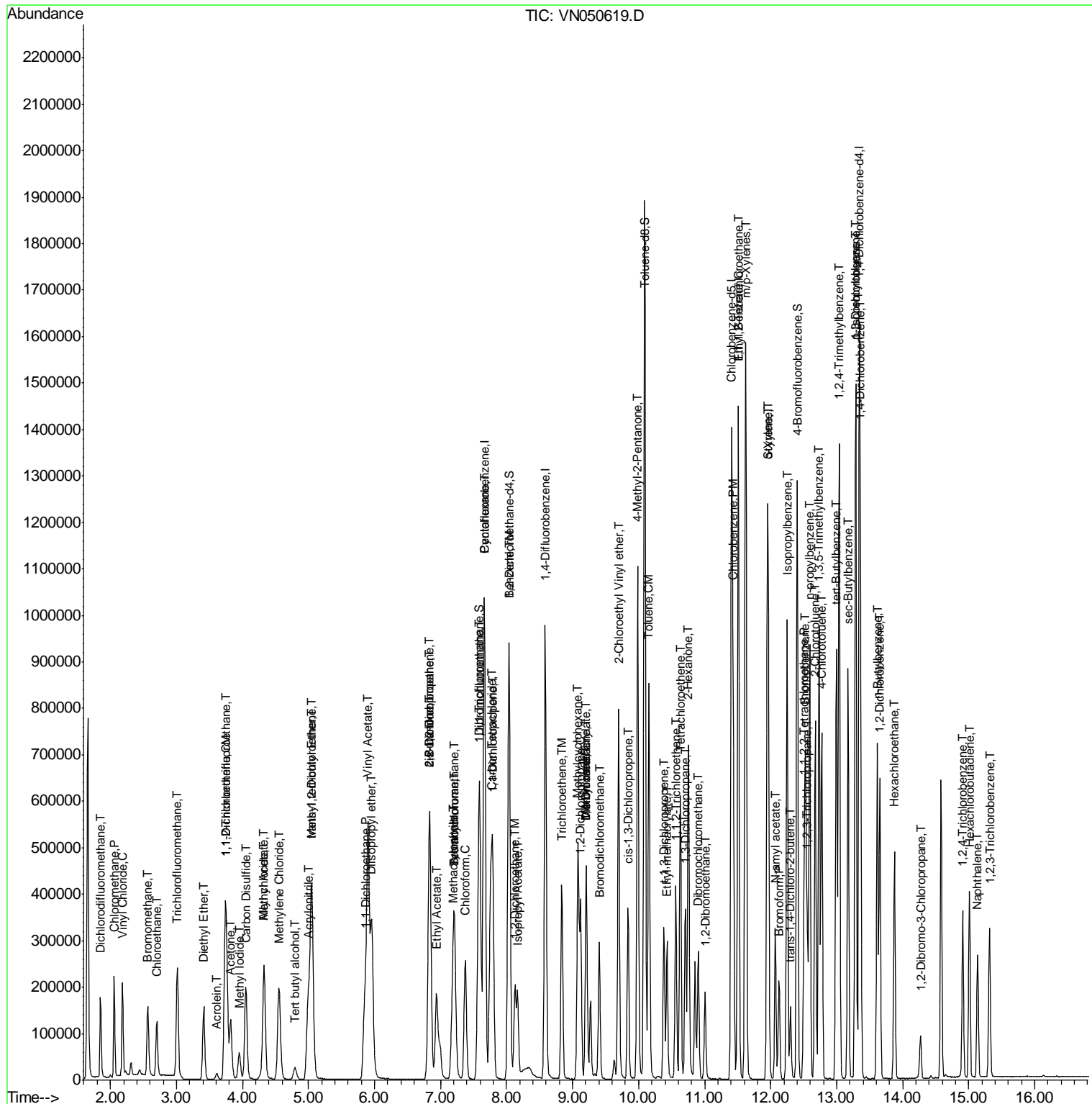
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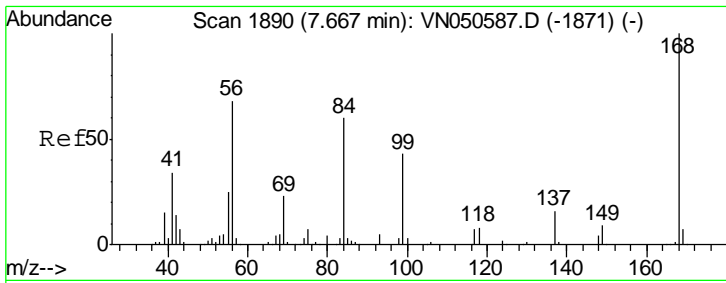
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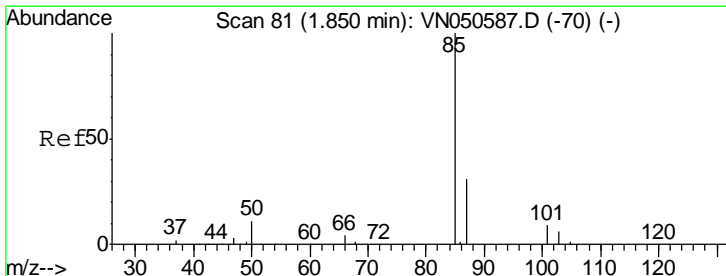
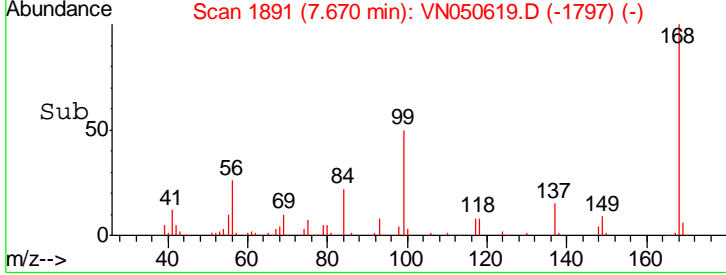
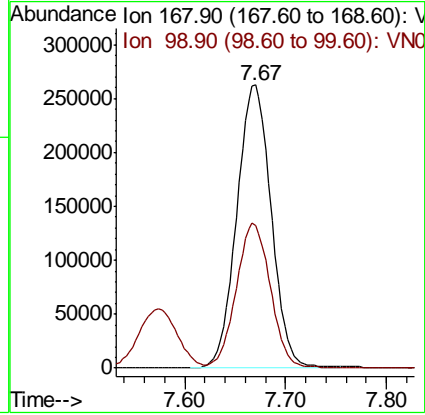
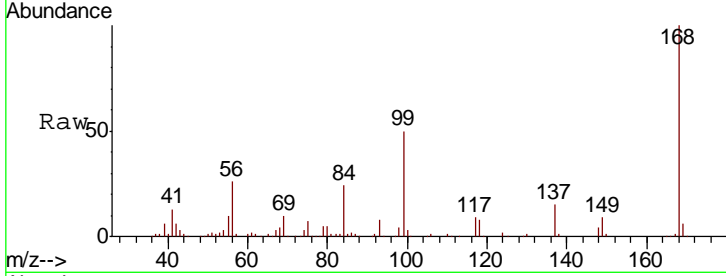
#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
168	100		
99	50.3	40.8	61.2

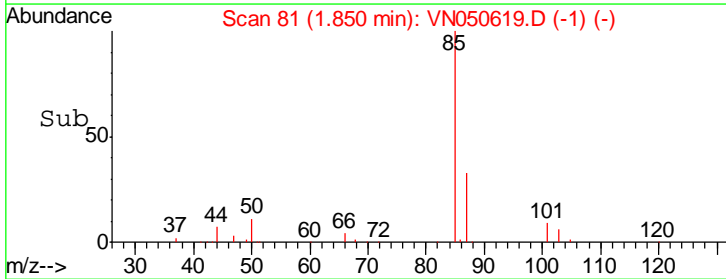
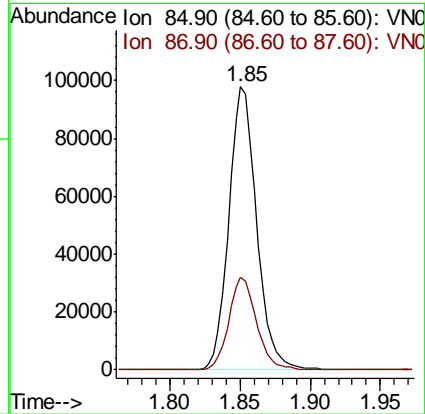
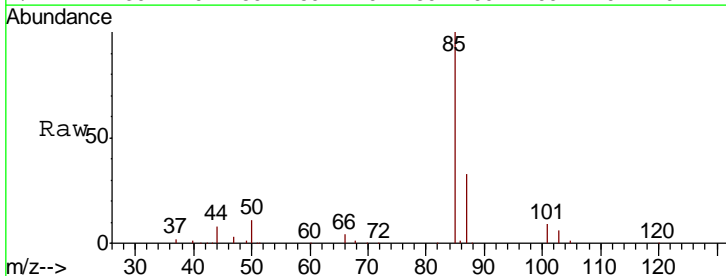
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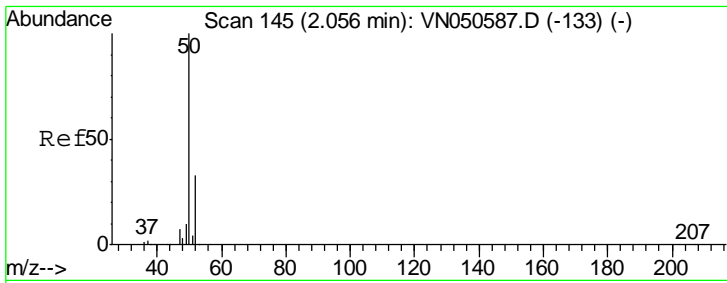
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#2
 Dichlorodifluoromethane
 Concen: 19.24 ug/l
 RT: 1.85 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.6	15.8	47.3





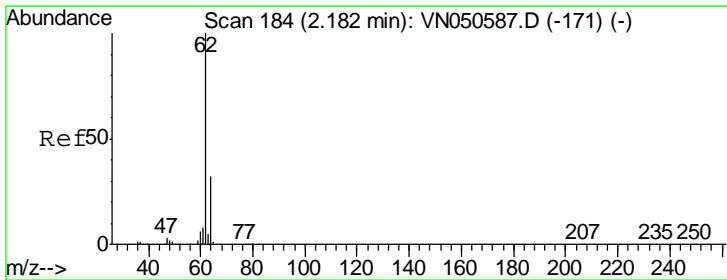
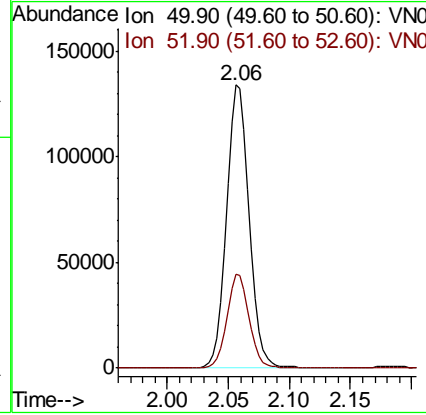
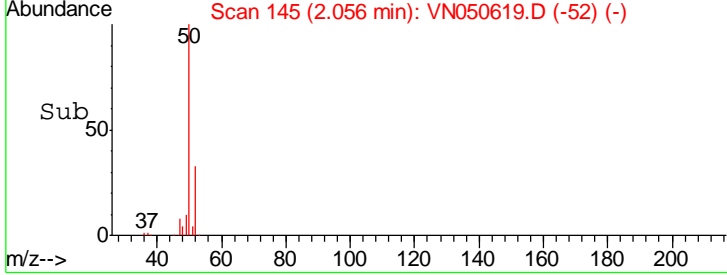
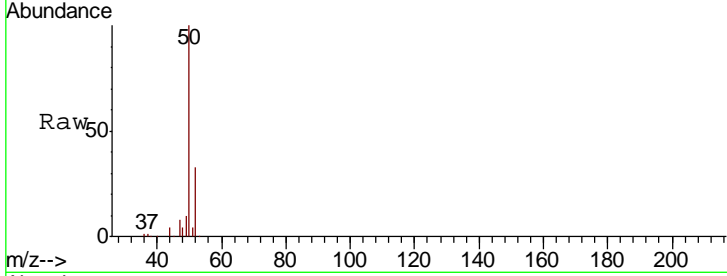
#3
 Chloromethane
 Concen: 20.23 ug/l
 RT: 2.06 min Scan# 145
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
50	175537		
52	33.0	26.0	39.0

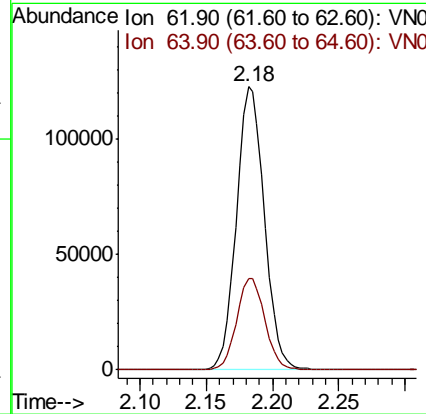
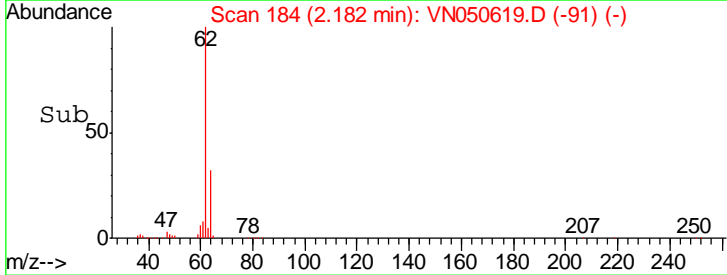
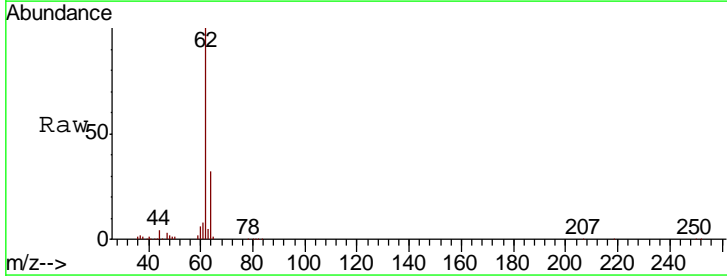
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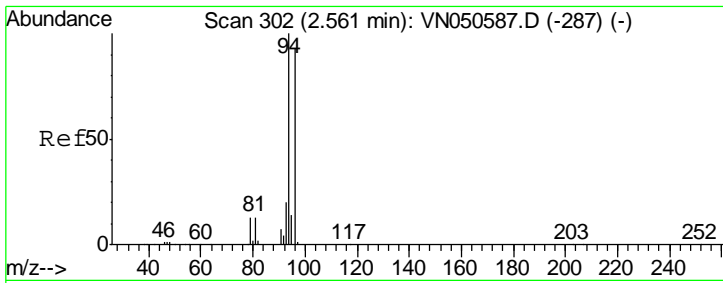
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#4
 Vinyl Chloride
 Concen: 19.34 ug/l
 RT: 2.18 min Scan# 184
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
62	180253		
64	32.3	25.2	37.8



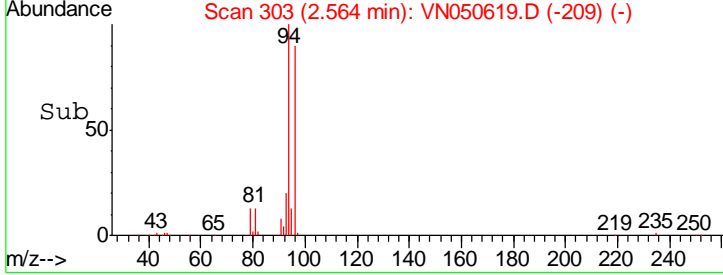
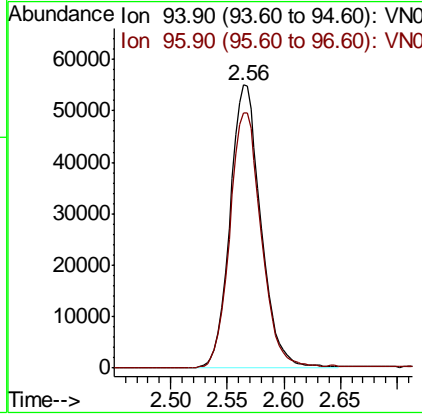
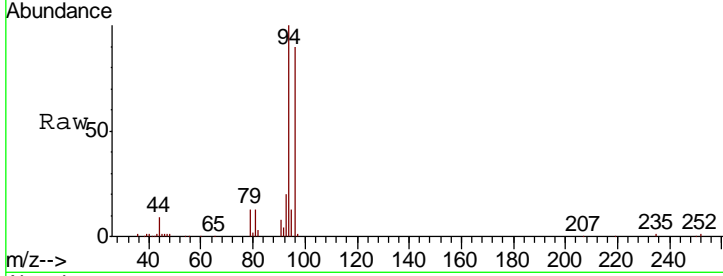


#5
 Bromomethane
 Concen: 19.62 ug/l
 RT: 2.56 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

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 ClientSampled :
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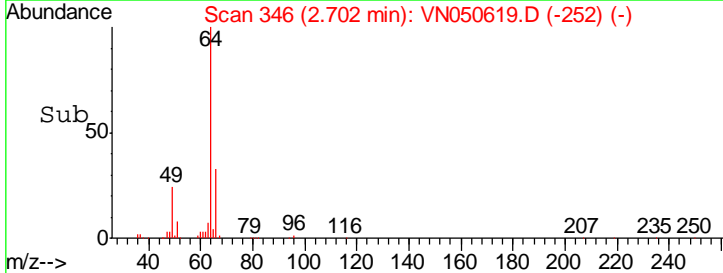
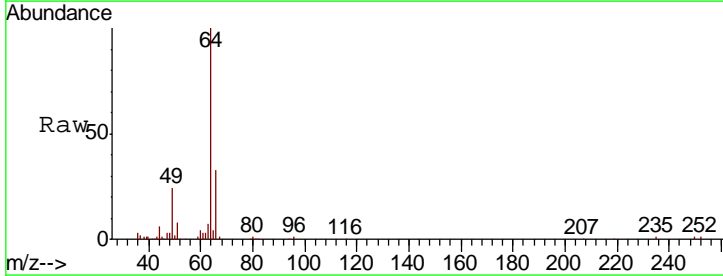
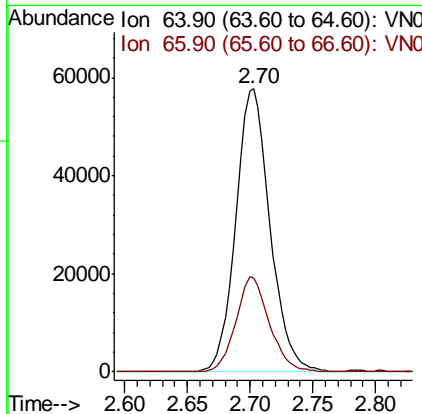
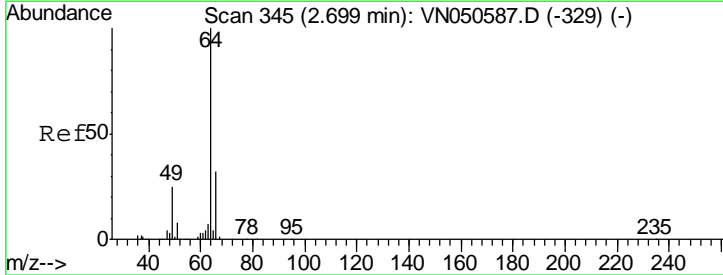
Tgt Ion	Resp	Lower	Upper
94	104680		
96	90.2	74.0	111.0

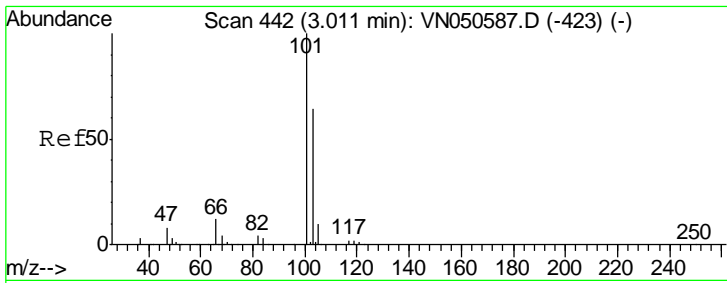
Manual Integrations
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#6
 Chloroethane
 Concen: 20.18 ug/l
 RT: 2.70 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
64	109444		
66	33.4	25.7	38.5





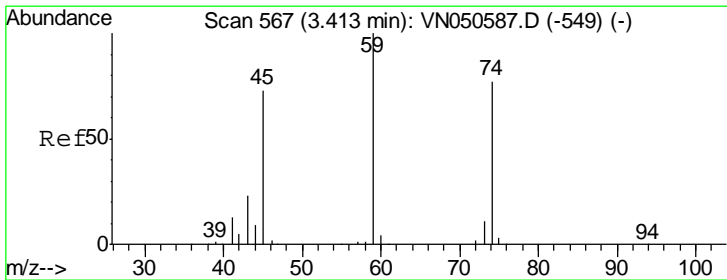
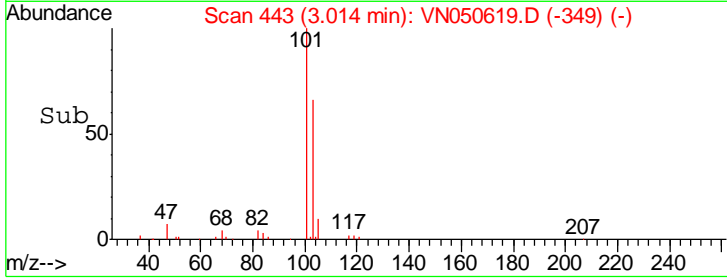
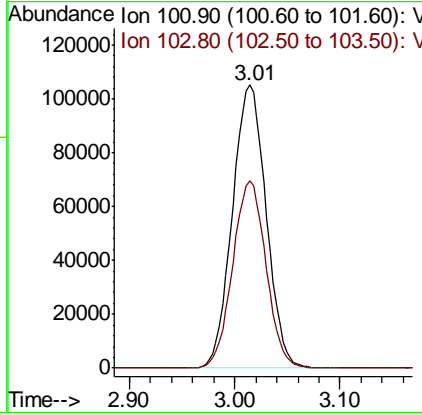
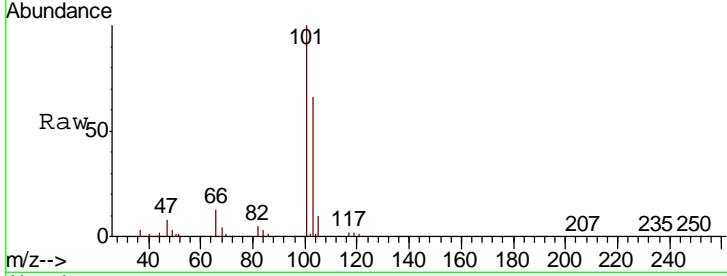
#7
 Trichlorofluoromethane
 Concen: 19.12 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
101	233901		
103	66.3	51.4	77.0

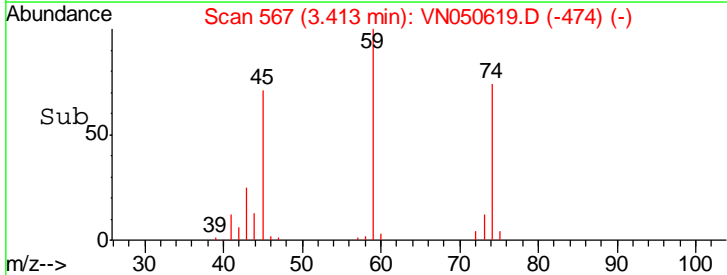
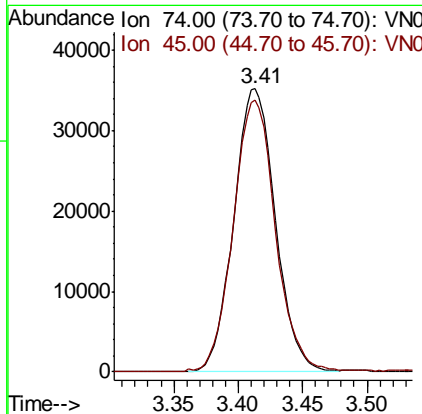
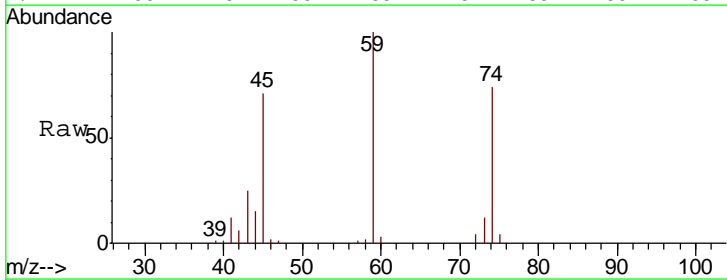
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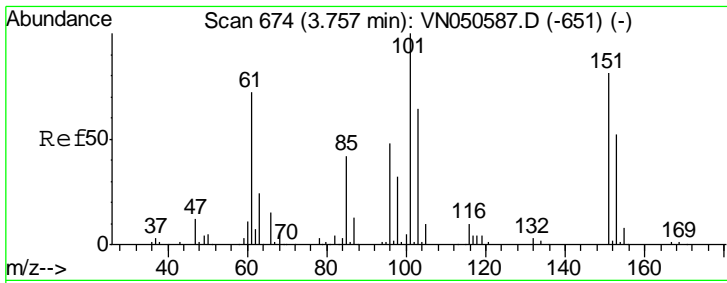
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#8
 Diethyl Ether
 Concen: 19.40 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
74	78925		
45	98.0	48.0	144.2





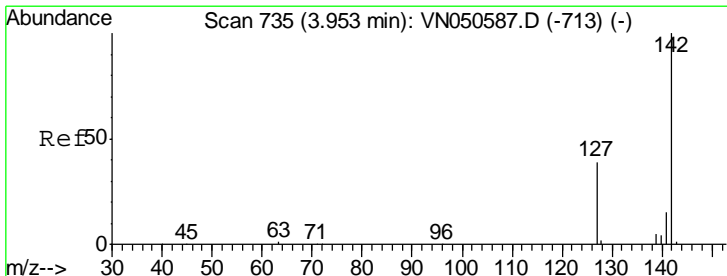
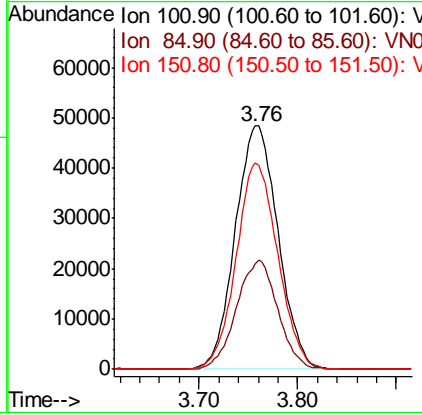
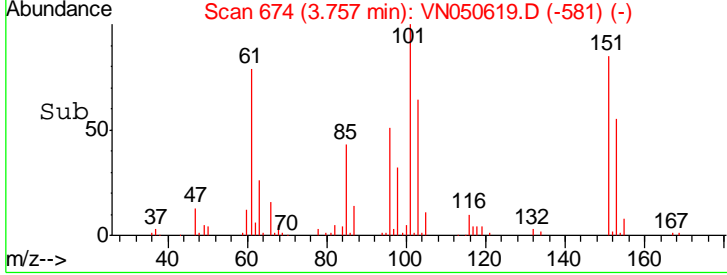
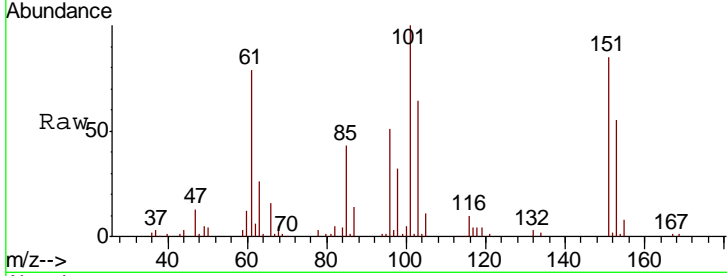
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.69 ug/l
 RT: 3.76 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
101	145646		
101	100		
85	43.3	33.4	50.0
151	82.6	66.6	100.0

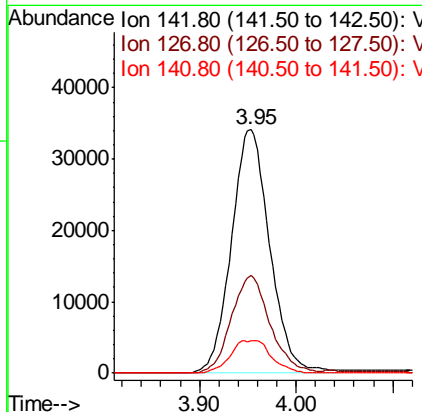
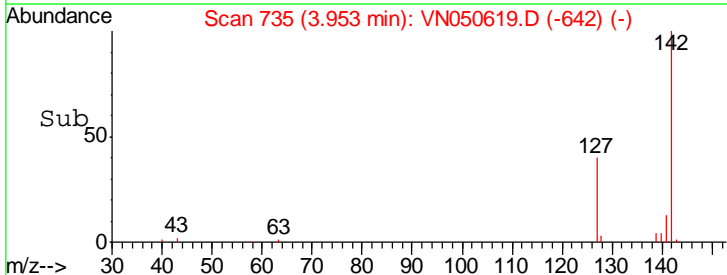
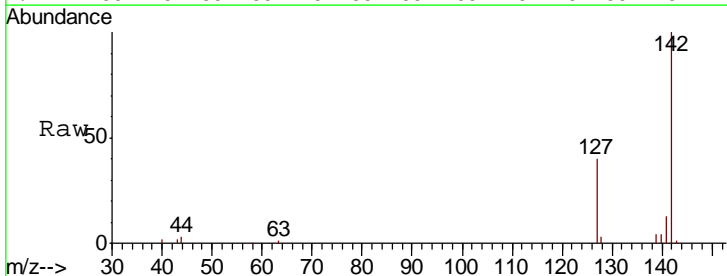
Manual Integrations
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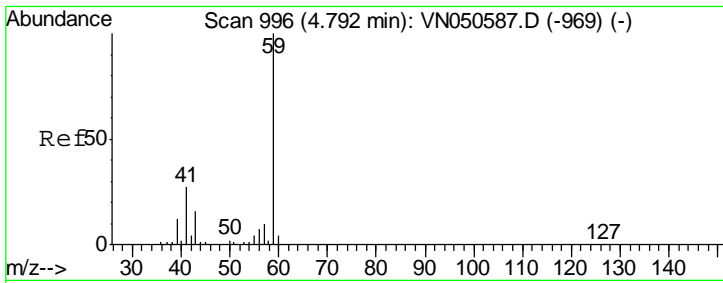
MMDadoda
 8/15/2018 3:32:20 PM



#10
 Methyl Iodide
 Concen: 22.37 ug/l
 RT: 3.95 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
142	94204		
142	100		
127	40.3	32.6	49.0
141	6.6	11.5	17.3#





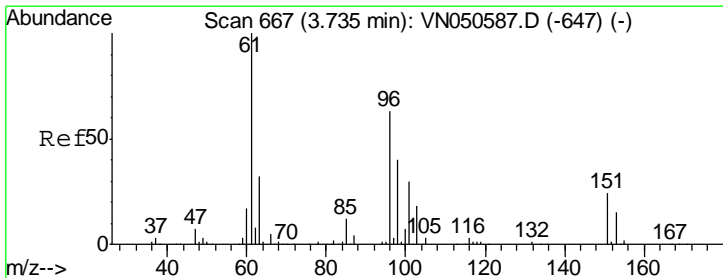
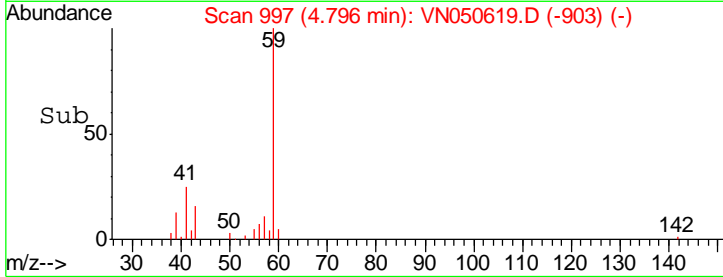
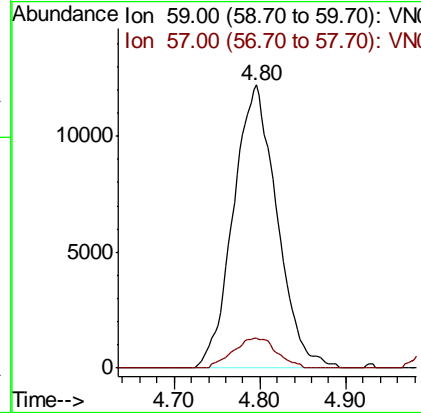
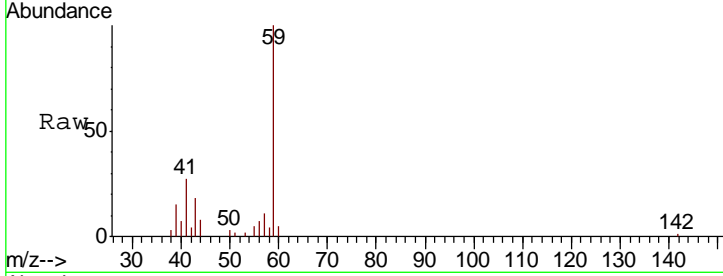
#11
 Tert butyl alcohol
 Concen: 100.67 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
59	43132		
57	10.5	8.4	12.6

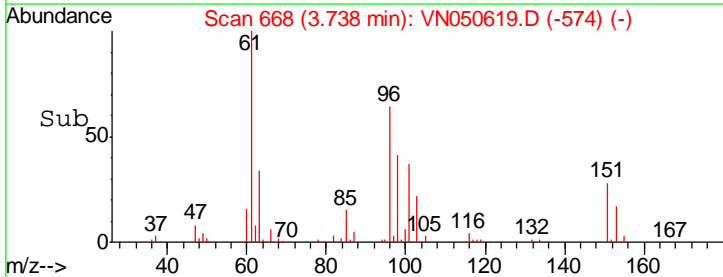
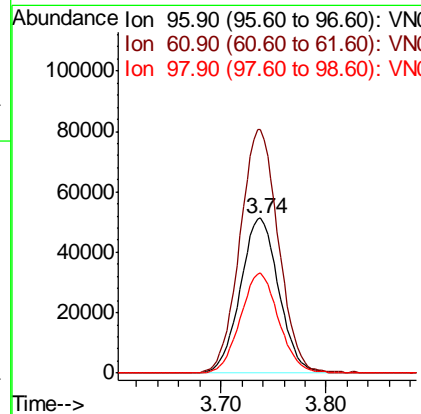
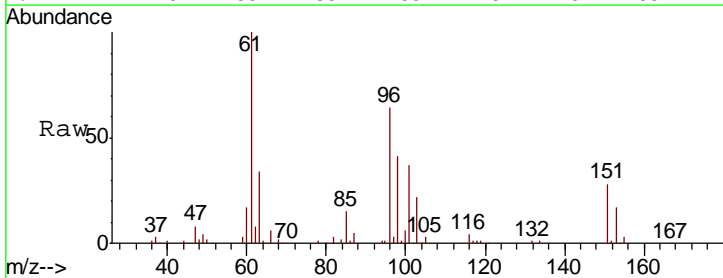
Manual Integrations
APPROVED

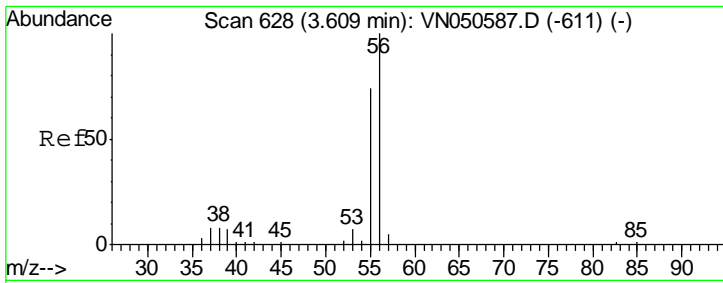
MMDadoda
 8/15/2018 3:32:20 PM



#12
 1,1-Dichloroethene
 Concen: 19.23 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
96	129857		
61	157.0	126.9	190.3
98	64.4	51.1	76.7





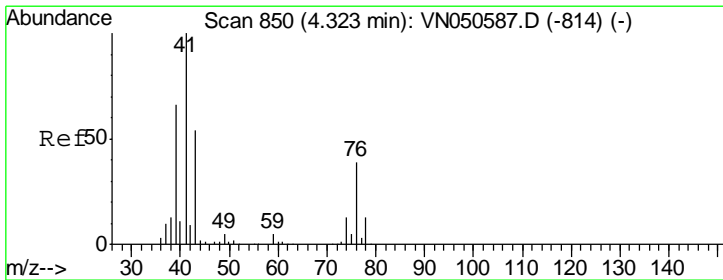
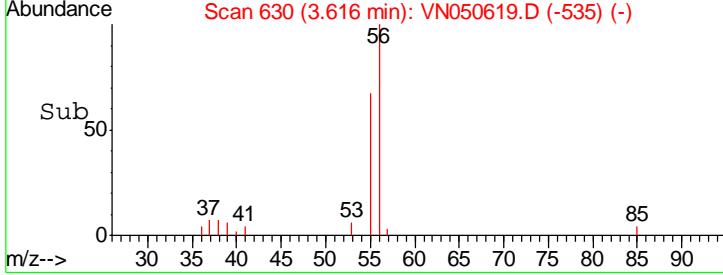
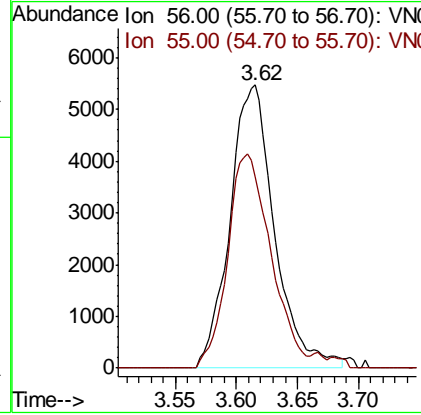
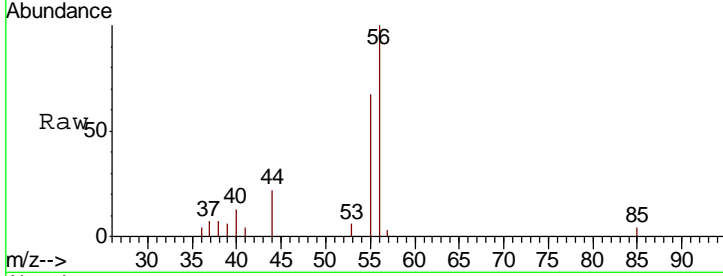
#13
 Acrolein
 Concen: 78.15 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
56	13882		
55	73.6	56.3	84.5

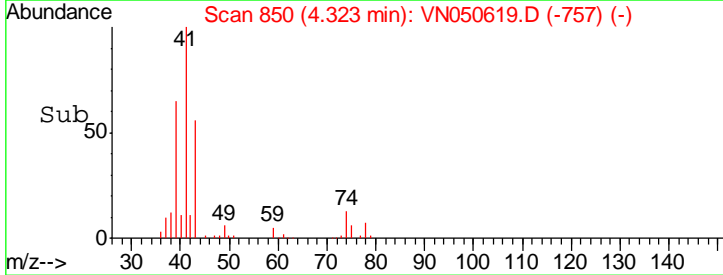
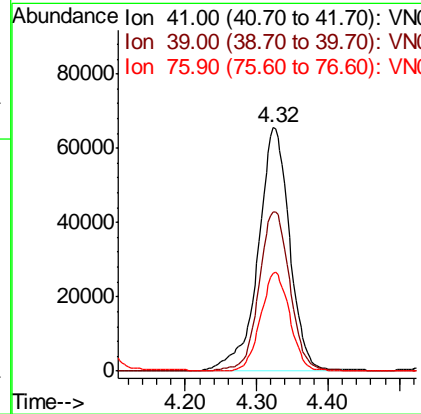
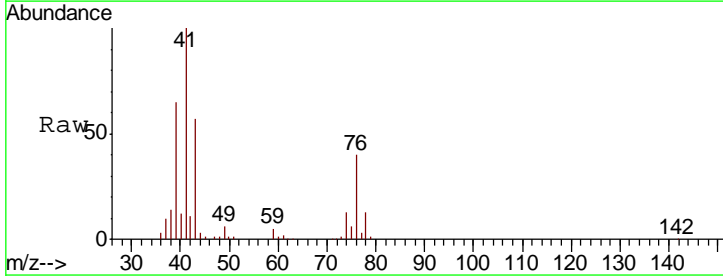
Manual Integrations
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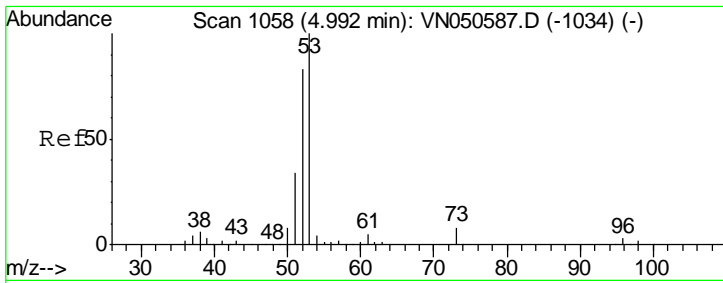
MMDadoda
 8/15/2018 3:32:20 PM



#14
 Allyl chloride
 Concen: 19.09 ug/l
 RT: 4.32 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
41	200526		
39	64.2	51.4	77.0
76	37.7	29.4	44.0





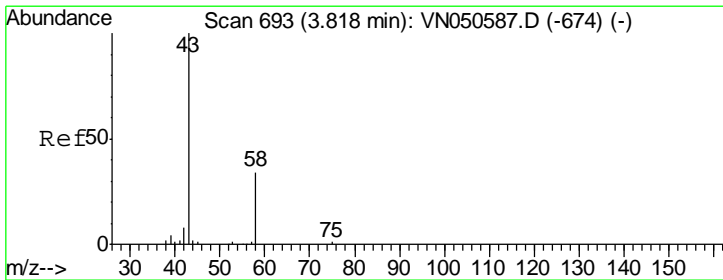
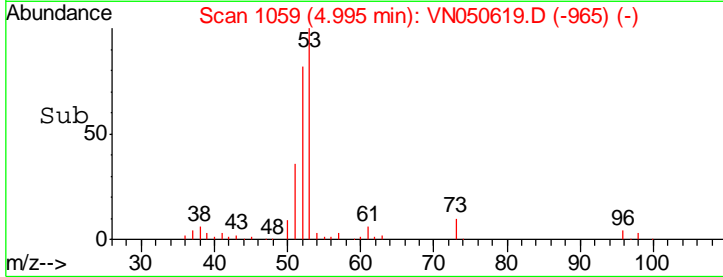
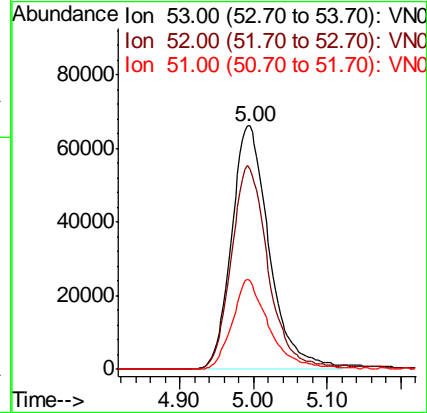
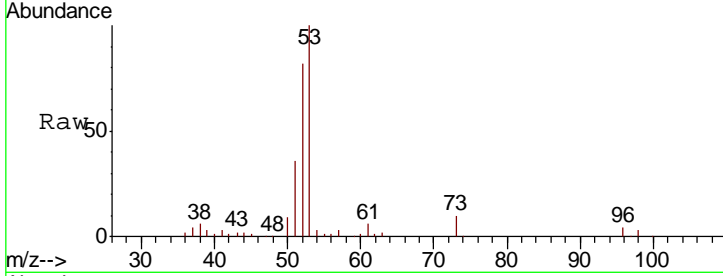
#15
 Acrylonitrile
 Concen: 100.34 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
53	100		
52	81.8	66.2	99.2
51	35.9	28.6	43.0

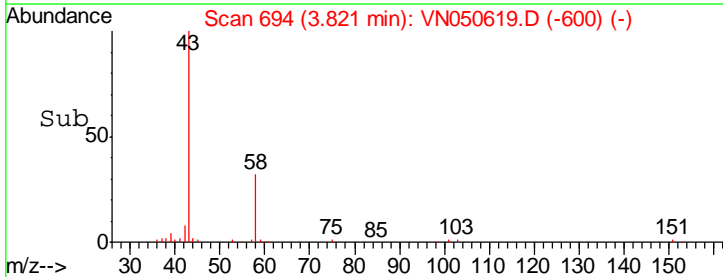
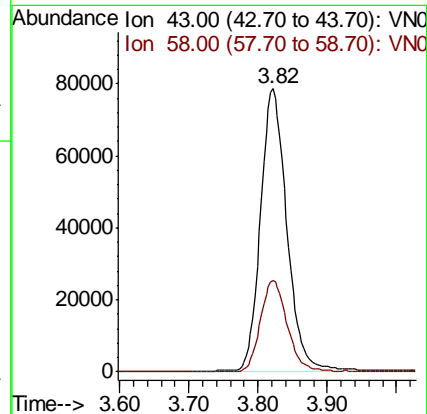
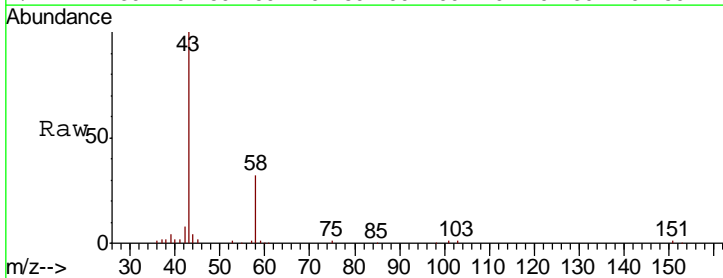
Manual Integrations
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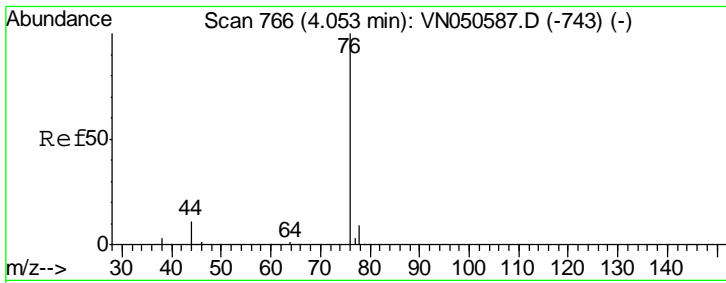
MMDadoda
 8/15/2018 3:32:20 PM



#16
 Acetone
 Concen: 105.42 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
43	100		
58	32.4	27.1	40.7





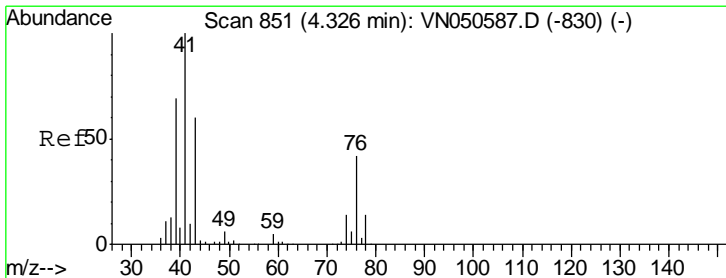
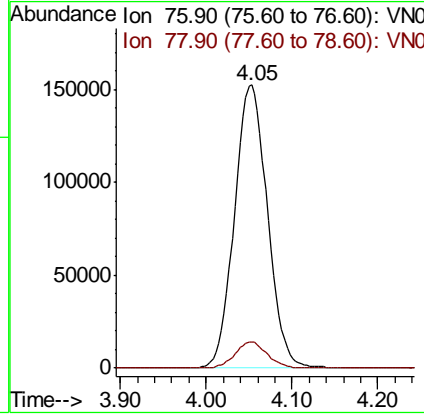
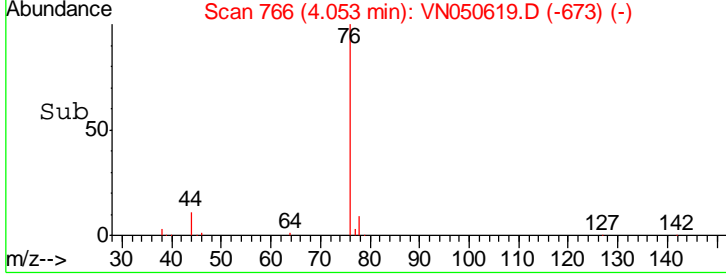
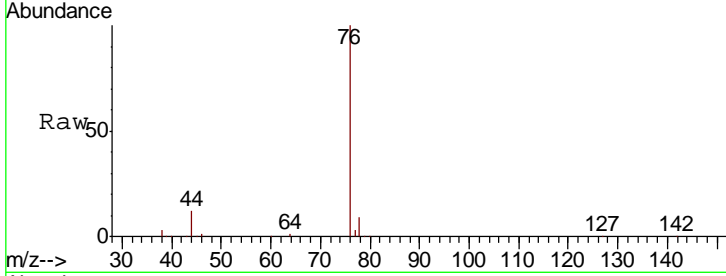
#17
 Carbon Disulfide
 Concen: 19.12 ug/l
 RT: 4.05 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
76	100		
78	9.4	7.3	10.9

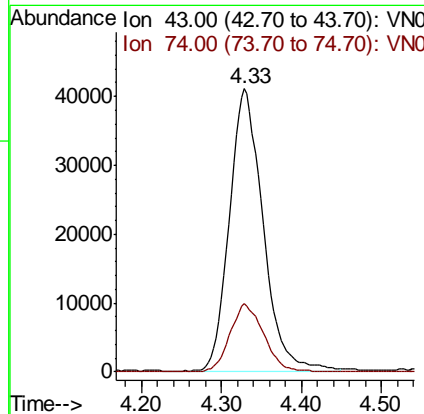
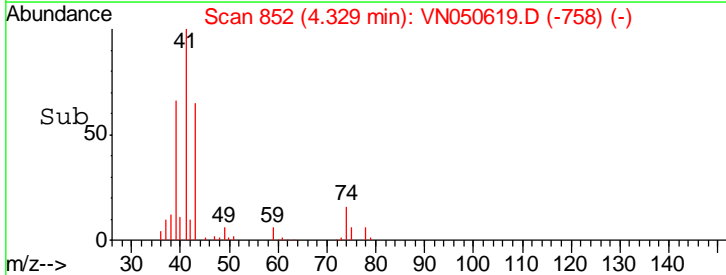
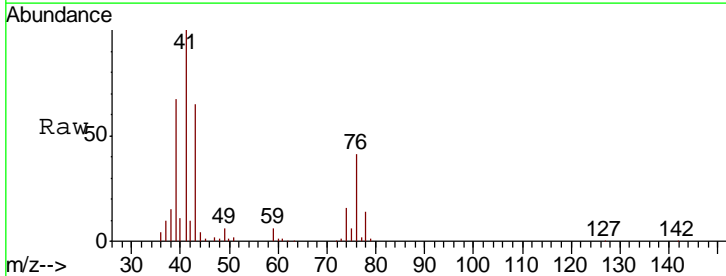
Manual Integrations
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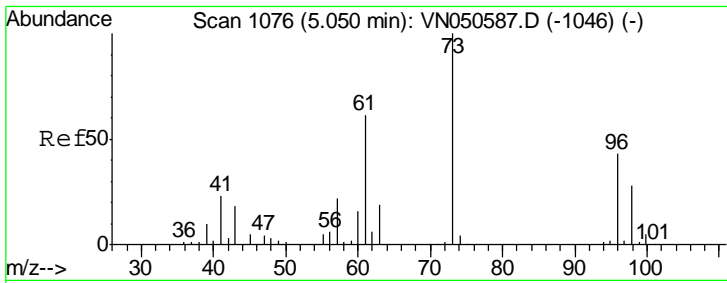
MMDadoda
 8/15/2018 3:32:20 PM



#18
 Methyl Acetate
 Concen: 20.58 ug/l
 RT: 4.33 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
43	100		
74	24.0	19.7	29.5



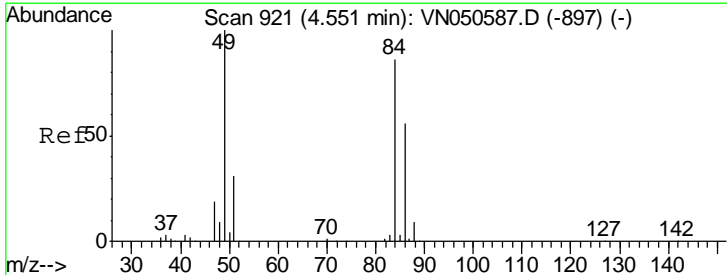
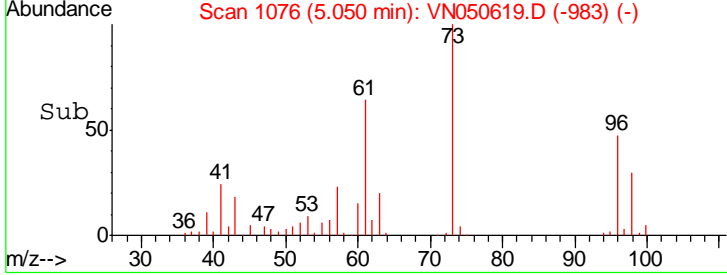
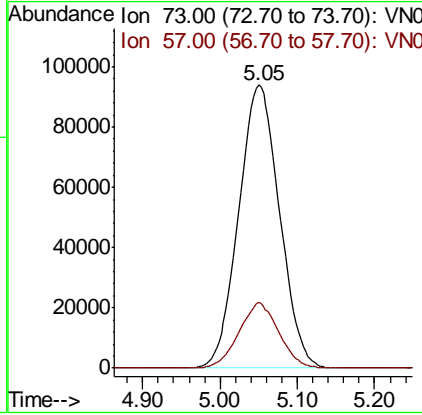
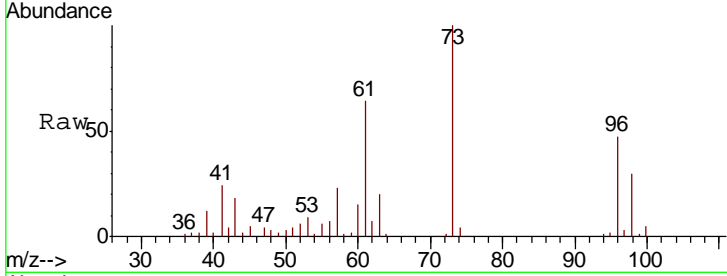


#19
 Methyl tert-butyl Ether
 Concen: 20.08 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

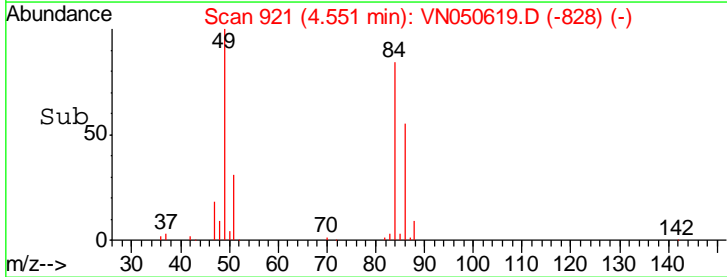
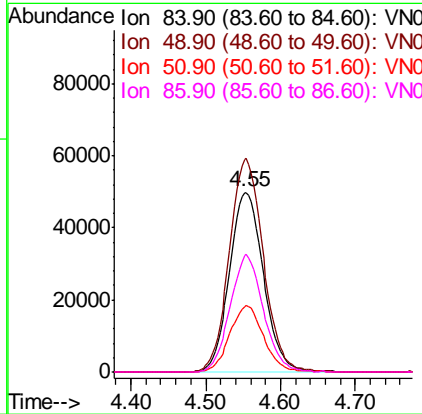
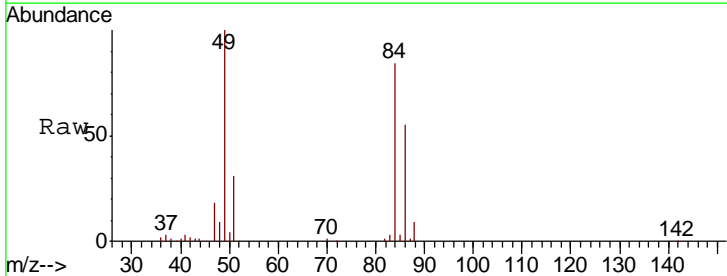
Tgt Ion	Resp	Lower	Upper
73	100		
57	23.2	17.9	26.9

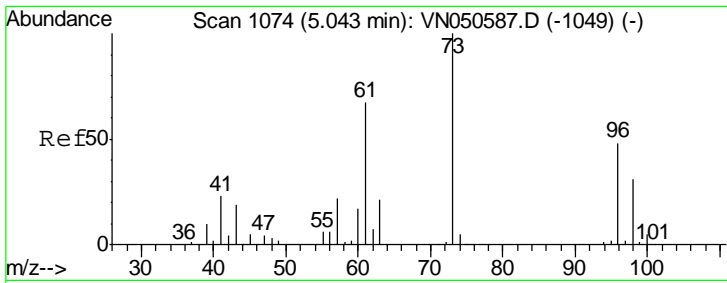
Manual Integrations
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 MMDadoda
 8/15/2018 3:32:20 PM



#20
 Methylene Chloride
 Concen: 20.42 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
84	100		
49	118.5	92.6	138.8
51	36.2	28.6	43.0
86	64.7	52.2	78.2





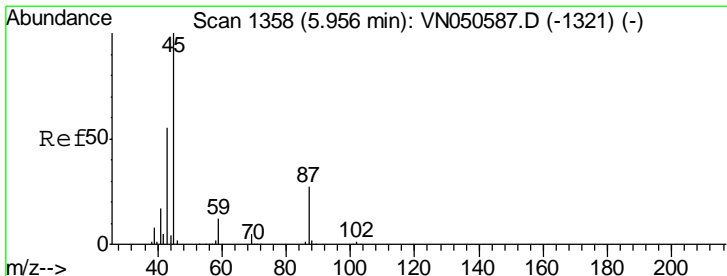
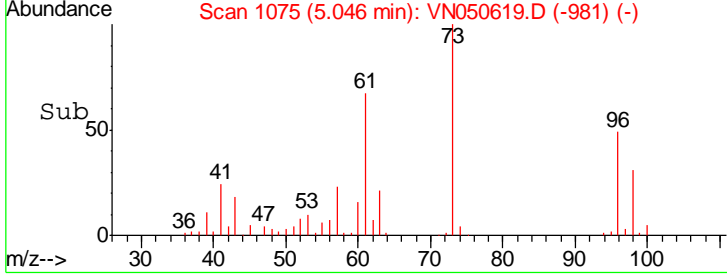
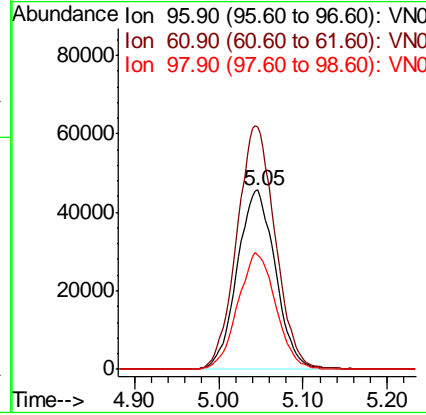
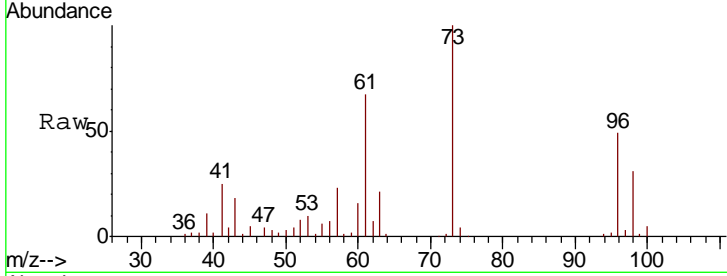
#21
 trans-1,2-Dichloroethene
 Concen: 19.67 ug/l
 RT: 5.05 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
96	144026		
96	100		
61	135.4	111.2	166.8
98	63.9	51.6	77.4

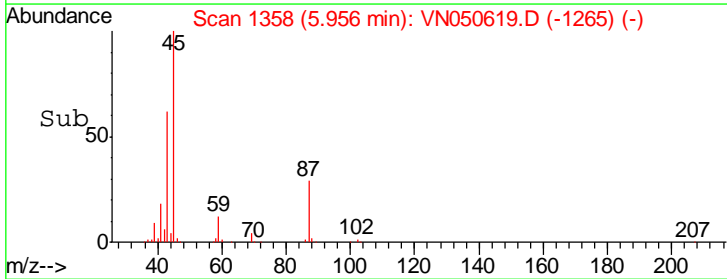
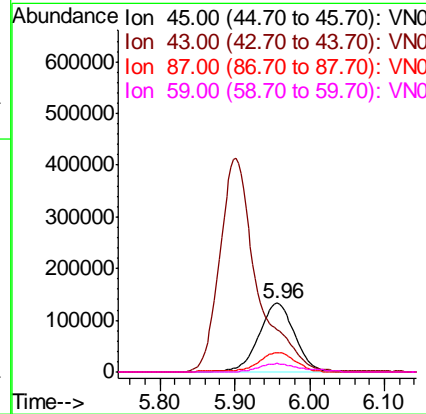
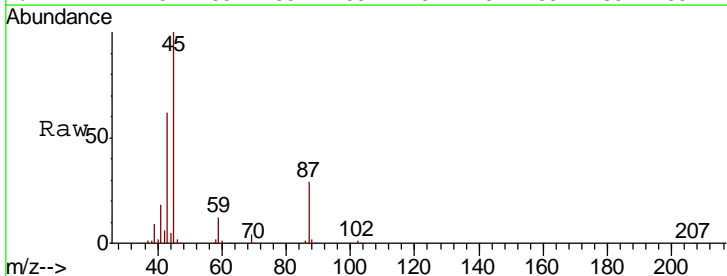
Manual Integrations
 APPROVED

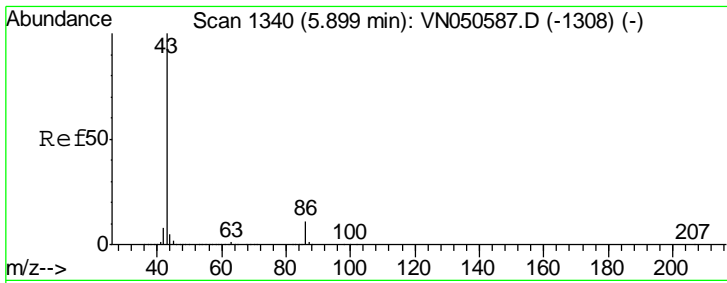
MMDadoda
 8/15/2018 3:32:20 PM



#22
 Diisopropyl ether
 Concen: 20.63 ug/l
 RT: 5.96 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
45	444331		
45	100		
43	59.9	44.5	66.7
87	28.5	22.2	33.2
59	11.8	9.5	14.3





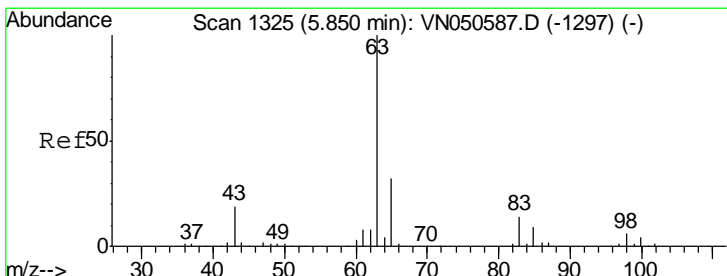
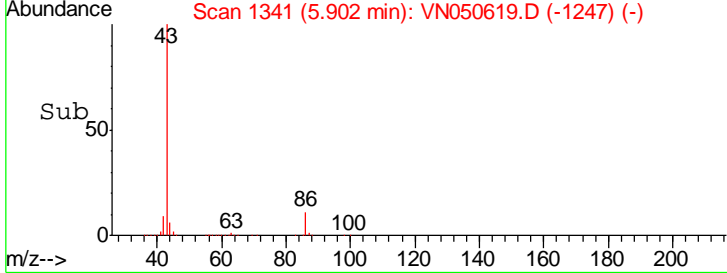
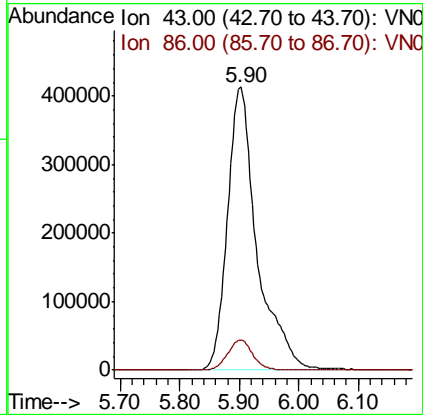
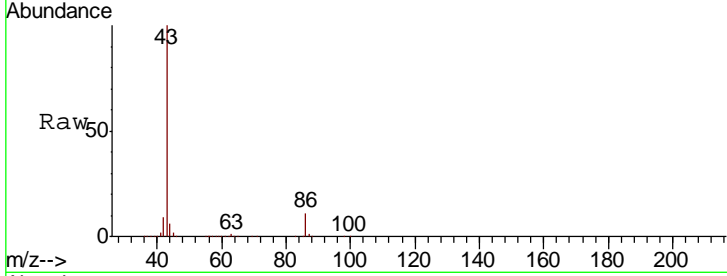
#23
 Vinyl Acetate
 Concen: 101.43 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion: 43 Resp: 1429201

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.4	12.6

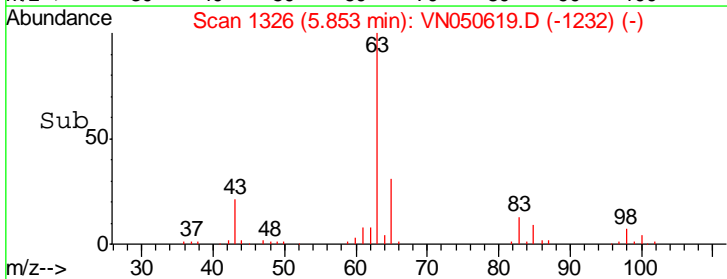
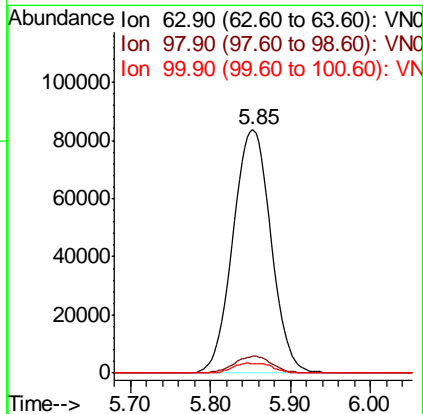
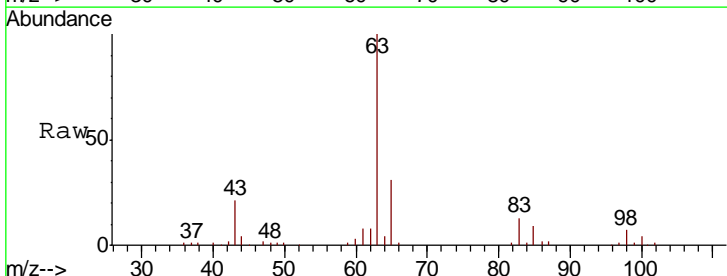
Manual Integrations
APPROVED
 MMDadoda
 8/15/2018 3:32:20 PM

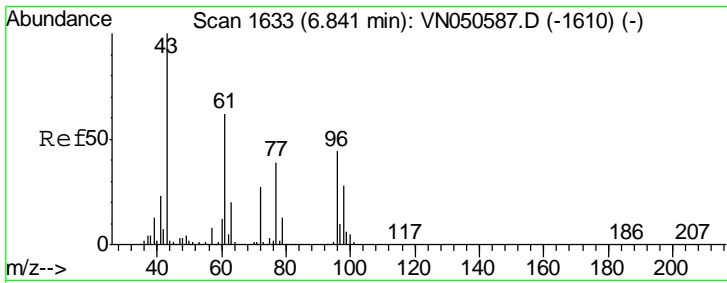


#24
 1,1-Dichloroethane
 Concen: 19.40 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 63 Resp: 270345

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.2	9.6
100	4.0	2.1	6.5



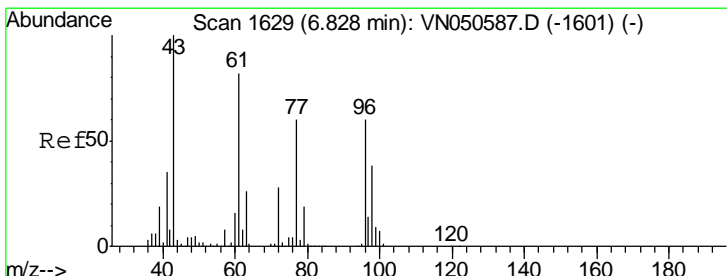
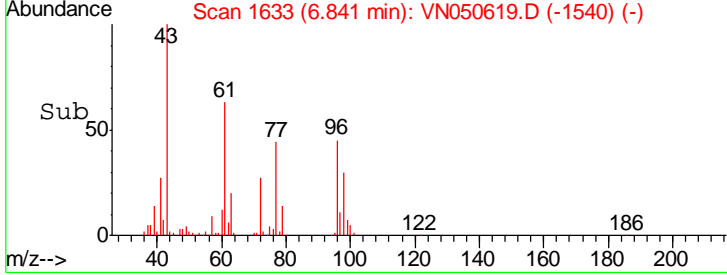
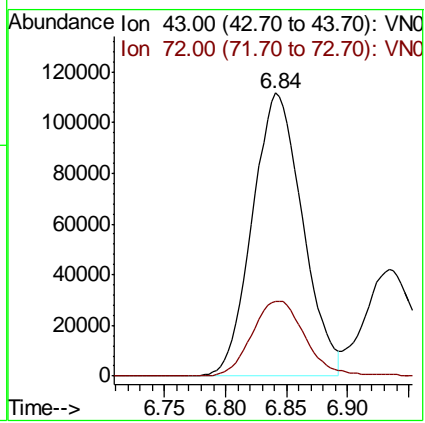
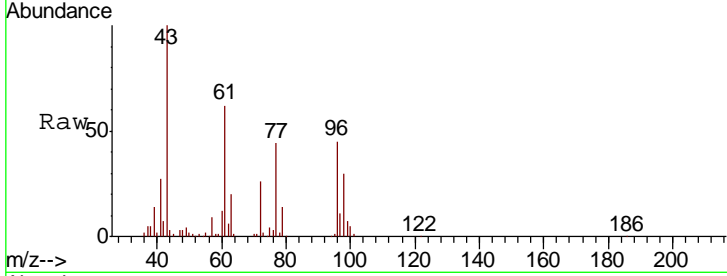


#25
 2-Butanone
 Concen: 98.73 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

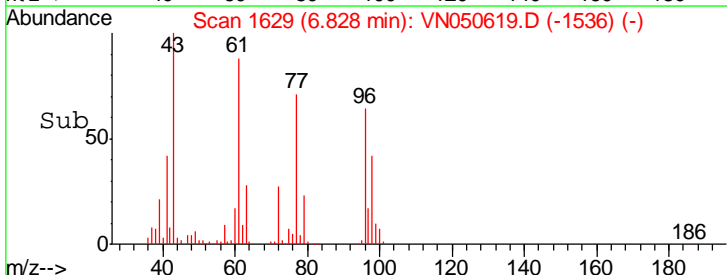
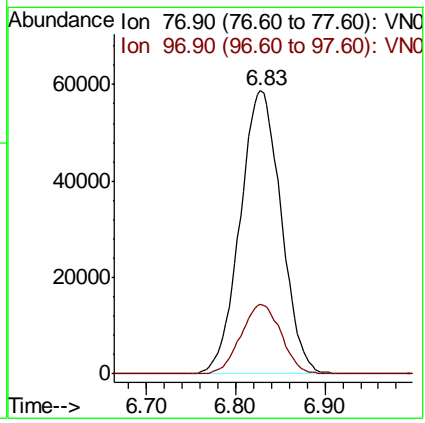
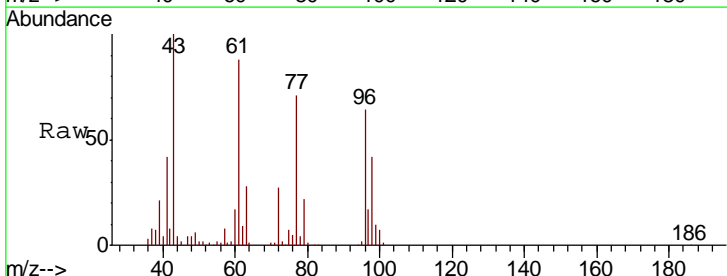
Tgt Ion: 43 Resp: 317622
 Ion Ratio Lower Upper
 43 100
 72 26.5 21.8 32.6

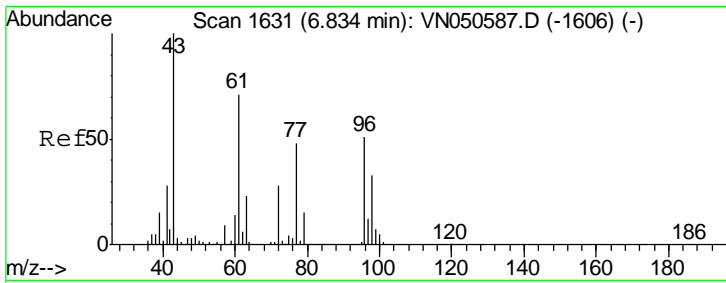
Manual Integrations
APPROVED
 MMDadoda
 8/15/2018 3:32:20 PM



#26
 2,2-Dichloropropane
 Concen: 20.13 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 77 Resp: 187816
 Ion Ratio Lower Upper
 77 100
 97 24.0 12.2 36.4



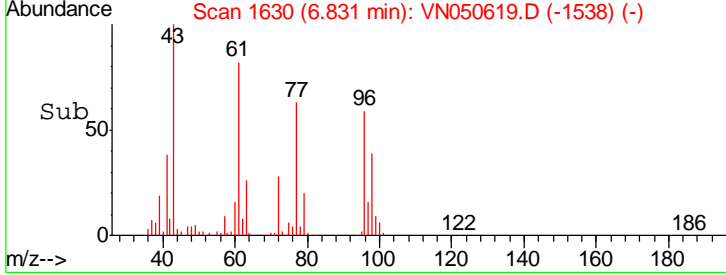
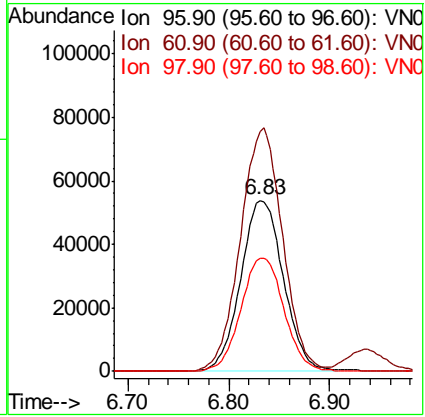
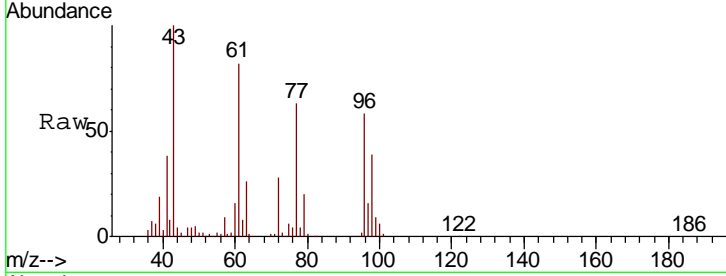


#27
 cis-1,2-Dichloroethene
 Concen: 19.40 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

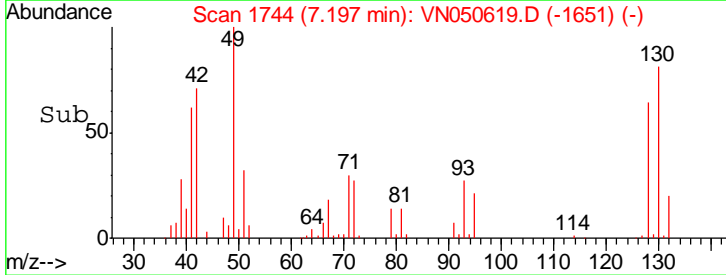
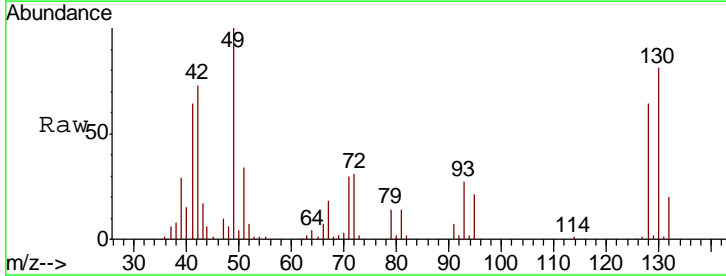
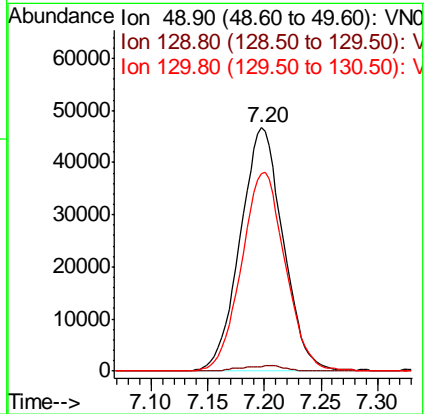
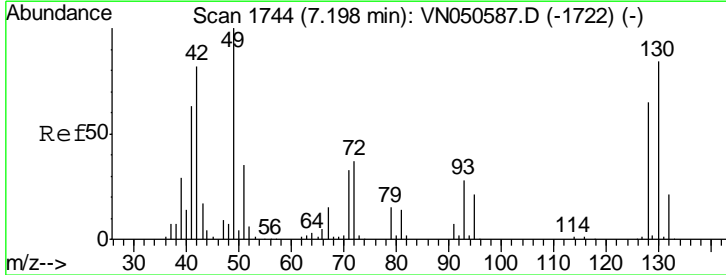
Tgt Ion	Resp	Lower	Upper
96	158152		
96	100		
61	140.8	0.0	278.2
98	66.8	0.0	128.8

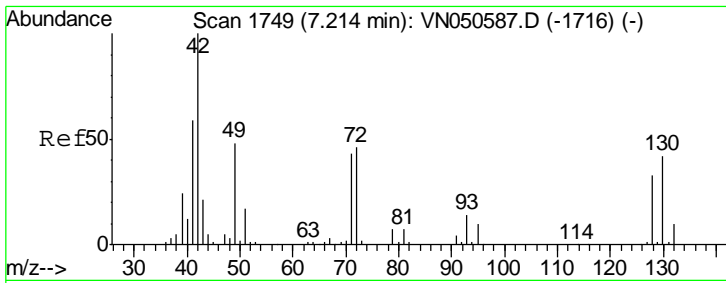
Manual Integrations
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 MMDadoda
 8/15/2018 3:32:20 PM



#28
 Bromochloromethane
 Concen: 19.40 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
49	123081		
49	100		
129	2.2	0.0	4.2
130	83.2	66.8	100.2





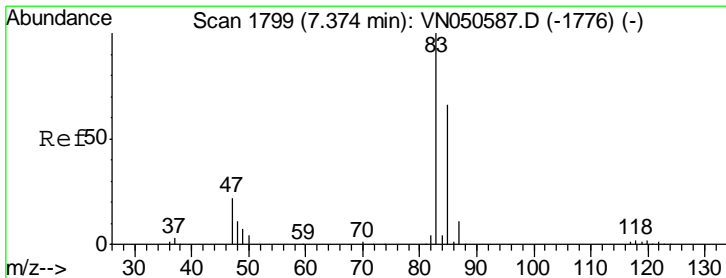
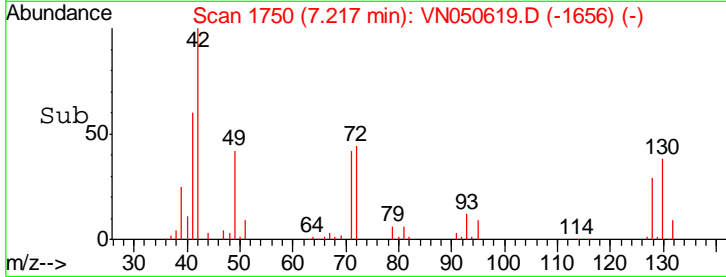
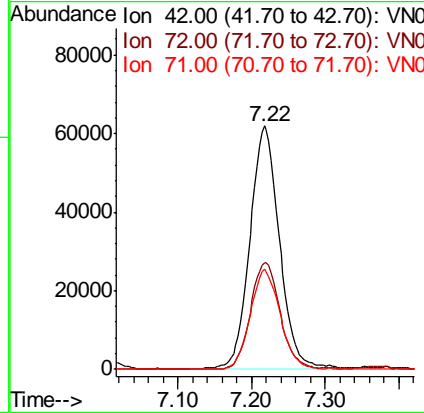
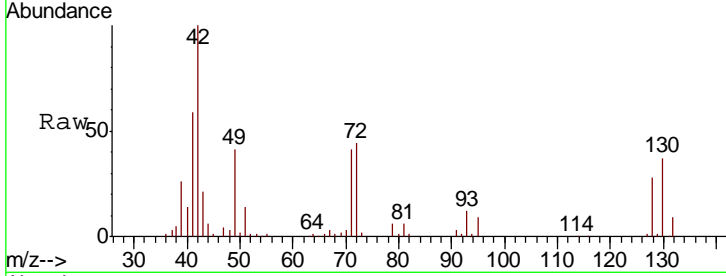
#29
 Tetrahydrofuran
 Concen: 103.42 ug/l
 RT: 7.22 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
42	173713		
72	43.9	35.8	53.6
71	41.1	33.4	50.0

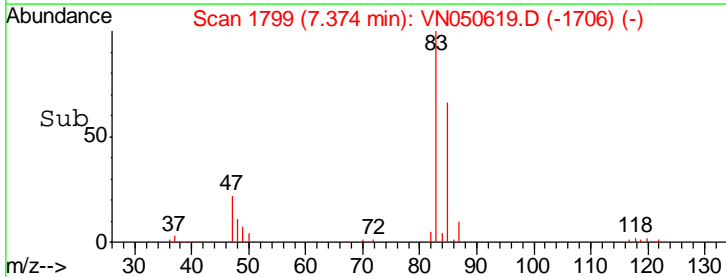
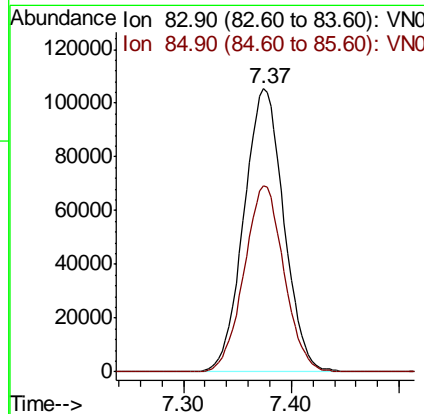
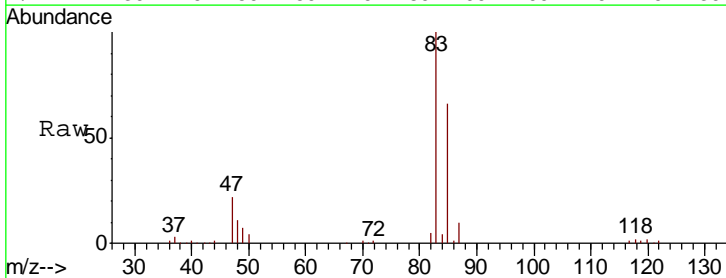
Manual Integrations
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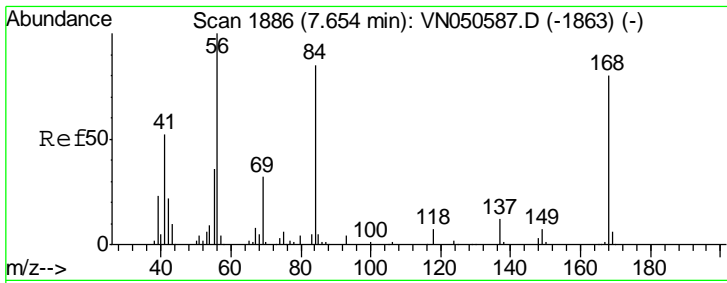
MMDadoda
 8/15/2018 3:32:20 PM



#30
 Chloroform
 Concen: 19.19 ug/l
 RT: 7.37 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
83	271003		
85	65.8	52.5	78.7





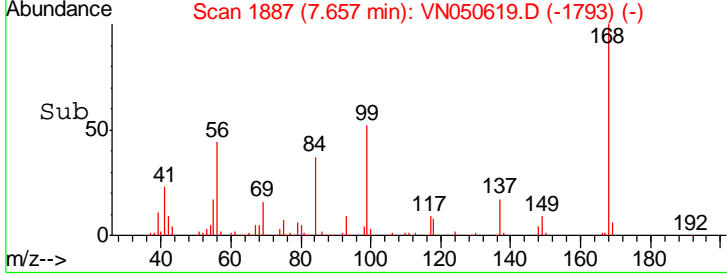
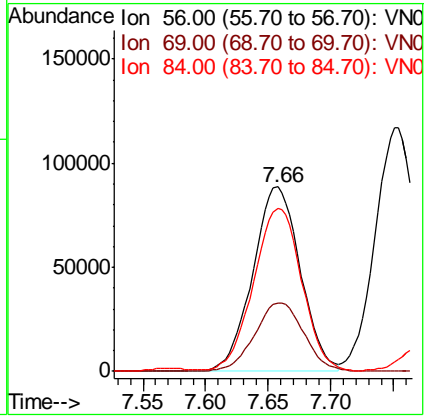
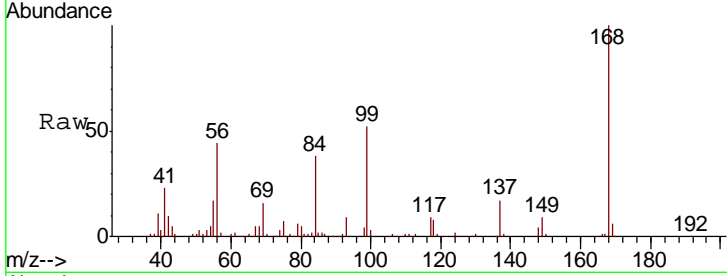
#31
 Cyclohexane
 Concen: 19.49 ug/l
 RT: 7.66 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
56	100		
69	37.1	25.8	38.6
84	86.8	67.8	101.6

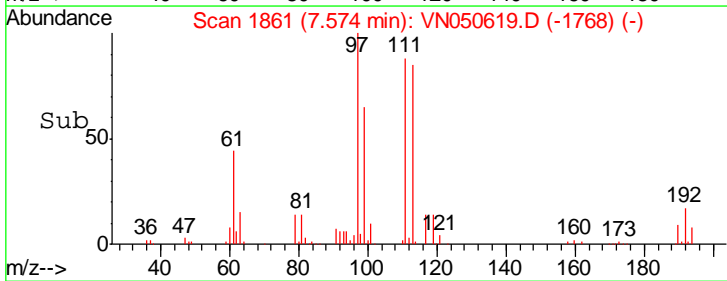
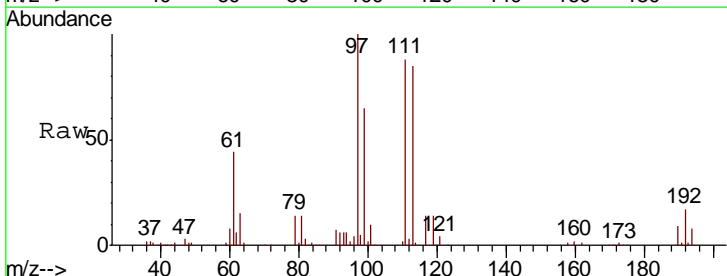
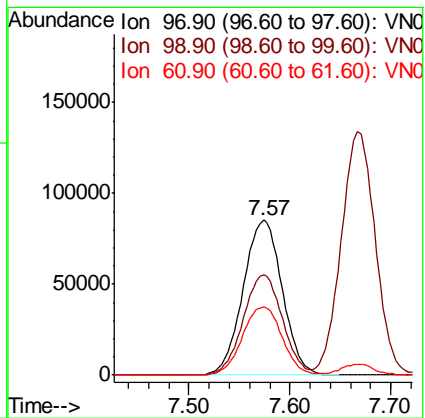
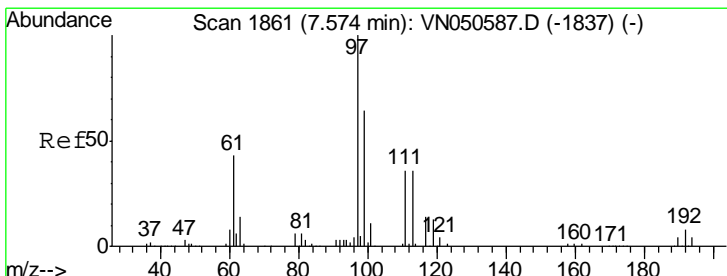
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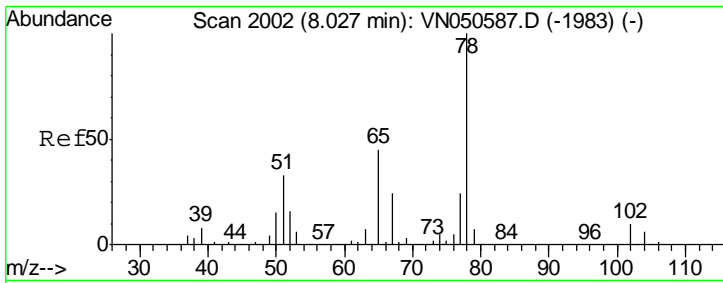
MMDadoda
 8/15/2018 3:32:20 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.29 ug/l
 RT: 7.57 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	44.5	34.8	52.2





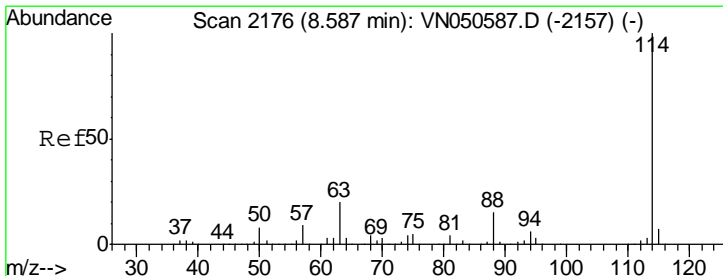
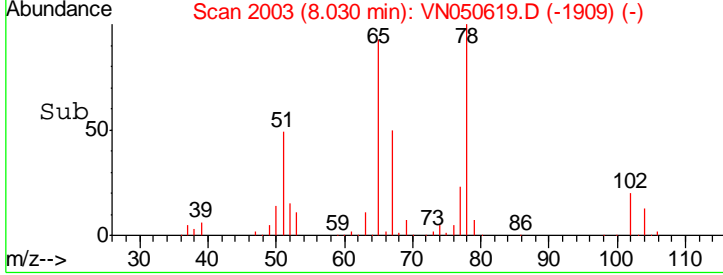
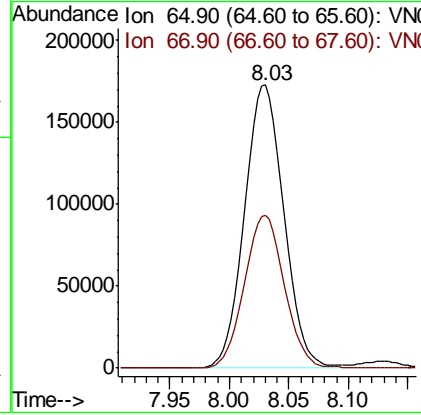
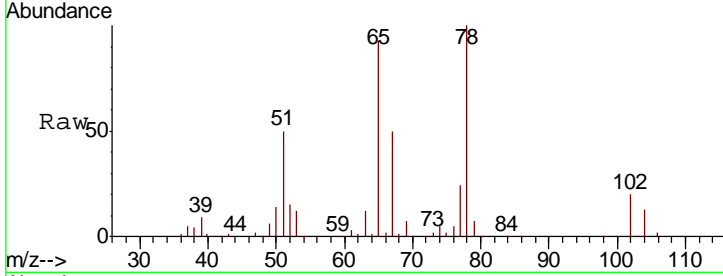
#33
 1,2-Dichloroethane-d4
 Concen: 50.55 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
65	100		
67	54.9	0.0	109.8

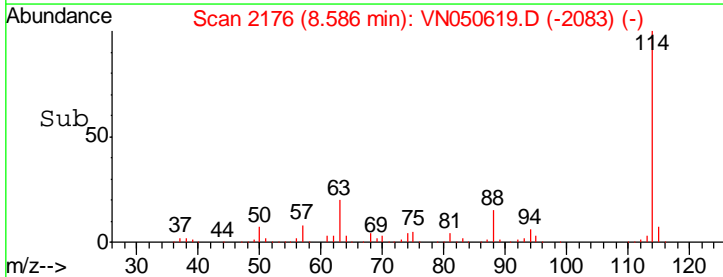
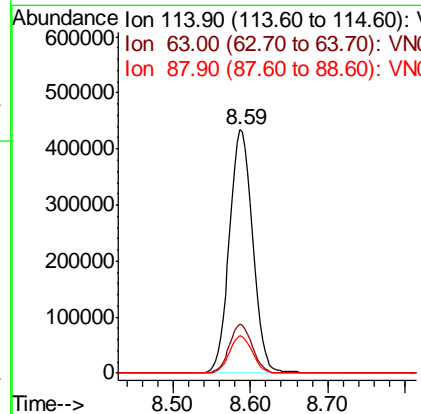
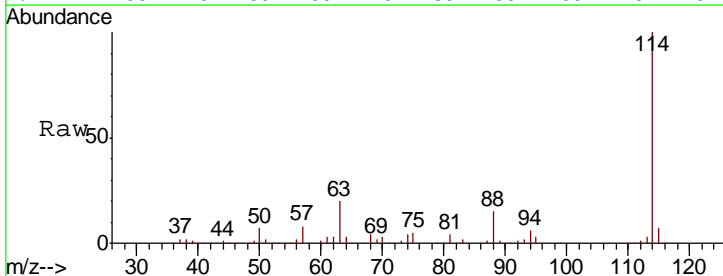
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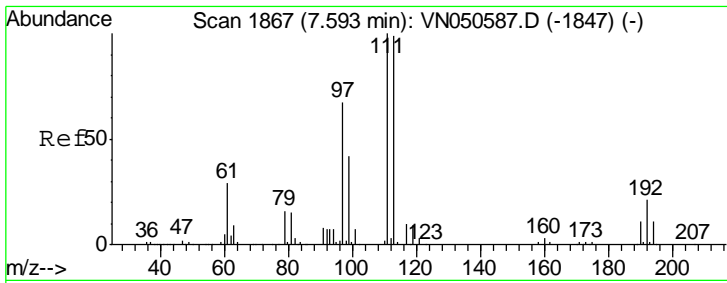
MMDadoda
 8/15/2018 3:32:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.3	0.0	30.8





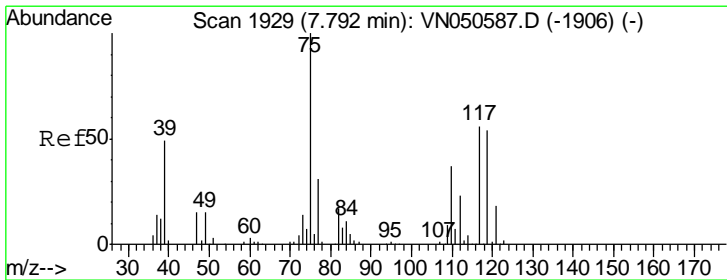
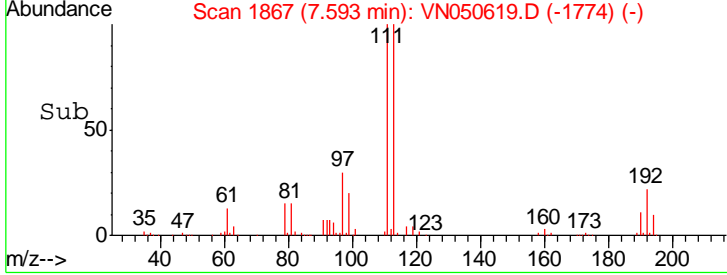
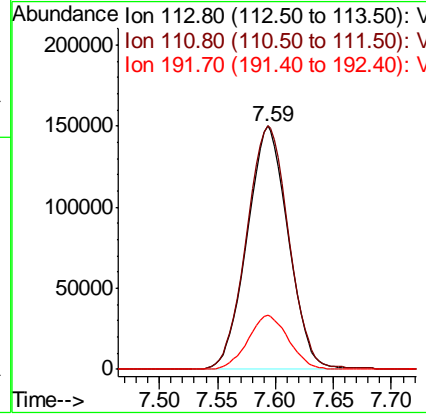
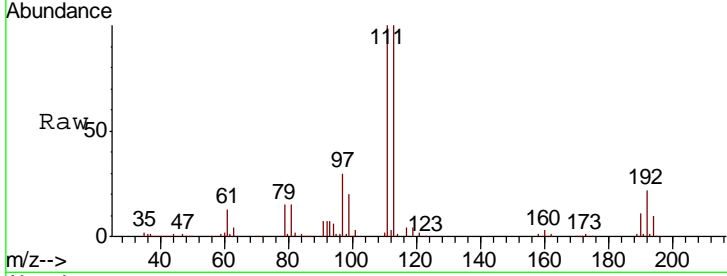
#35
 Dibromofluoromethane
 Concen: 51.12 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	22.0	17.6	26.4

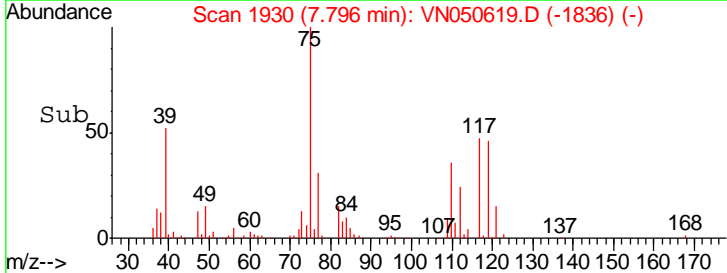
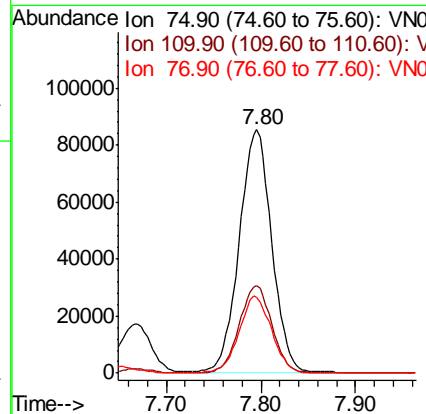
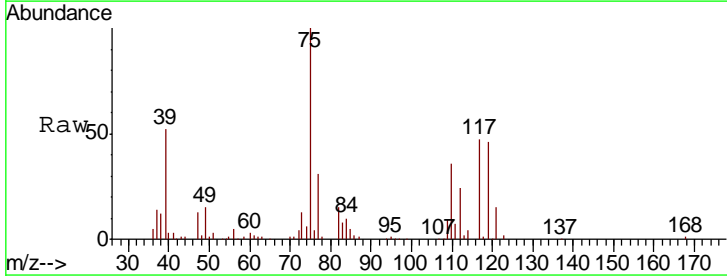
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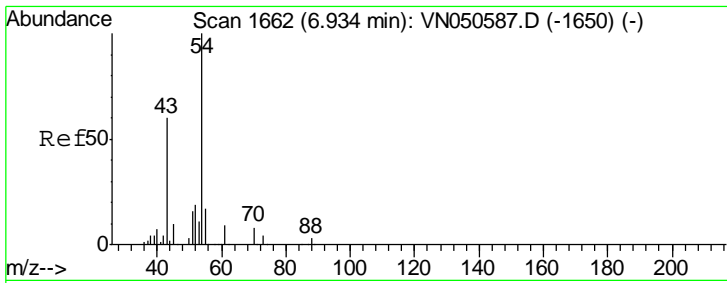
MMDadoda
 8/15/2018 3:32:20 PM



#36
 1,1-Dichloropropene
 Concen: 20.19 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
75	100		
110	36.2	18.3	54.9
77	31.8	25.0	37.4





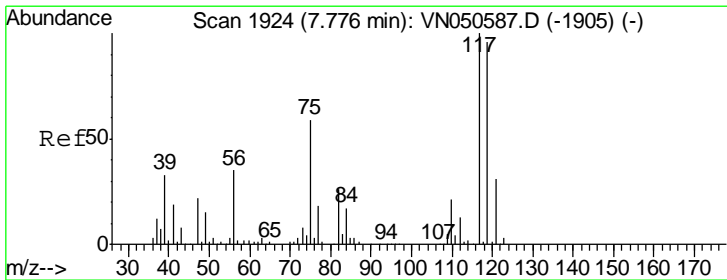
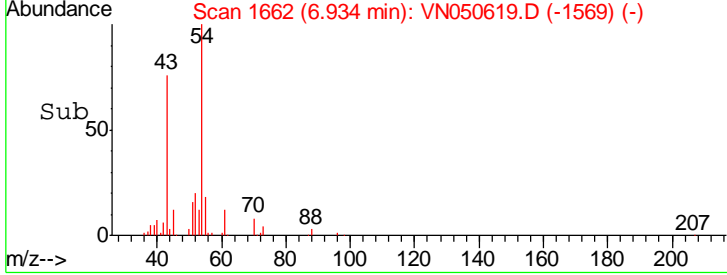
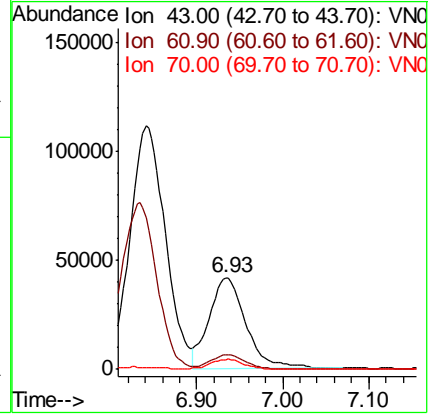
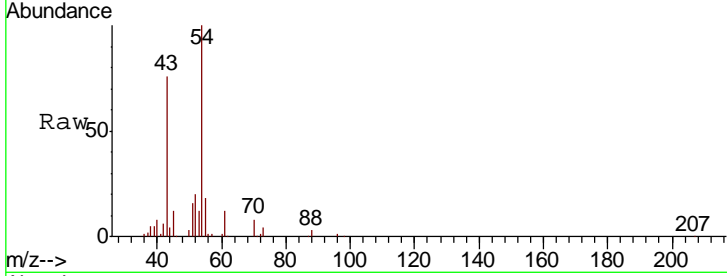
#37
 Ethyl Acetate
 Concen: 21.55 ug/l
 RT: 6.93 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
43	100		
61	14.7	12.0	18.0
70	9.7	8.5	12.7

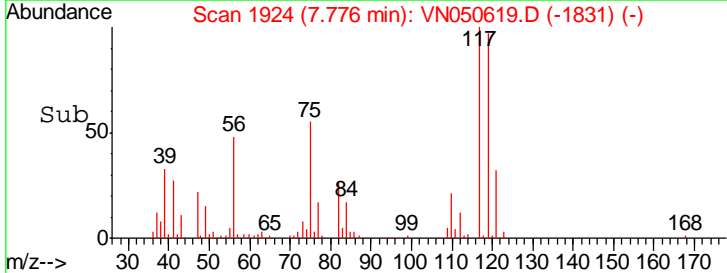
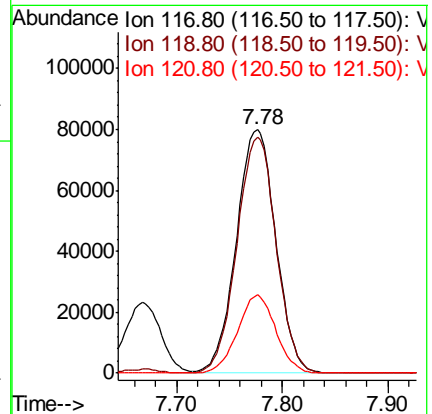
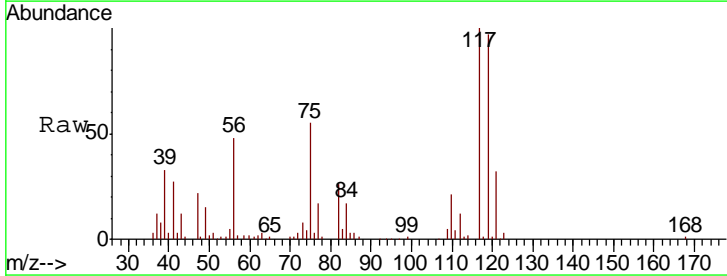
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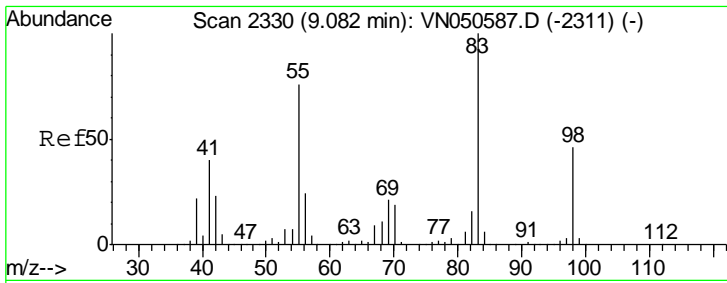
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 8/15/2018 3:32:20 PM



#38
 Carbon Tetrachloride
 Concen: 19.91 ug/l
 RT: 7.78 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
117	100		
119	96.9	76.6	115.0
121	32.0	25.0	37.6





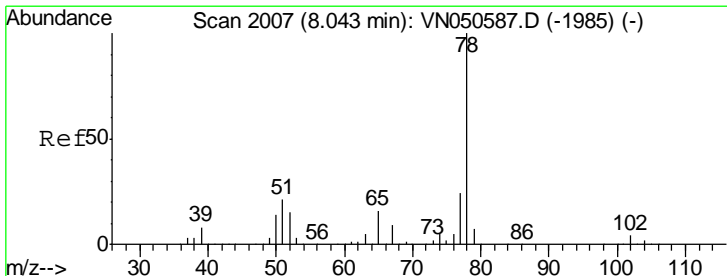
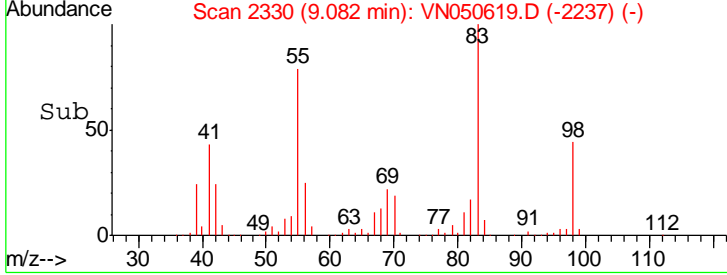
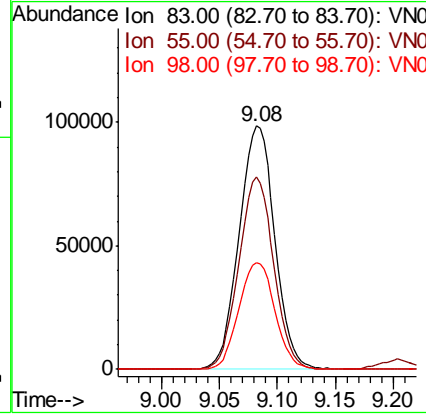
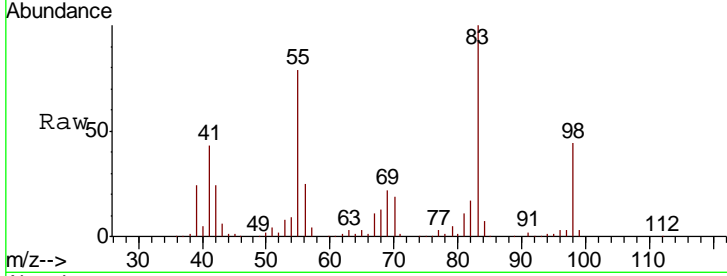
#39
 Methylcyclohexane
 Concen: 20.18 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
83	210536		
83	100		
55	79.1	60.6	91.0
98	43.9	37.0	55.4

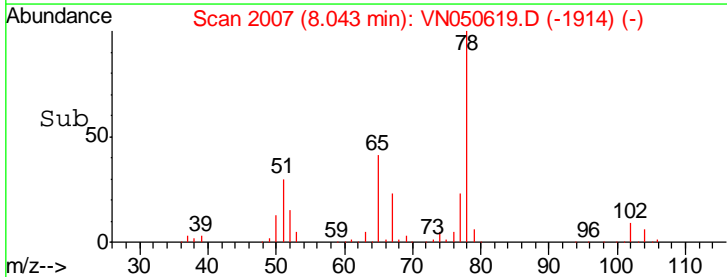
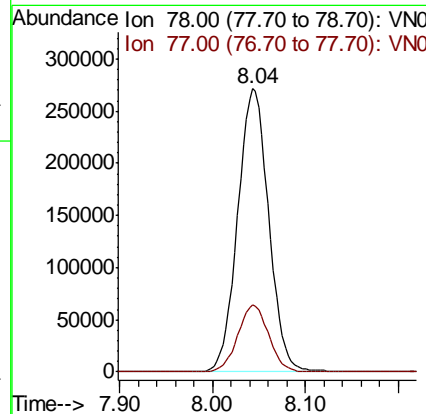
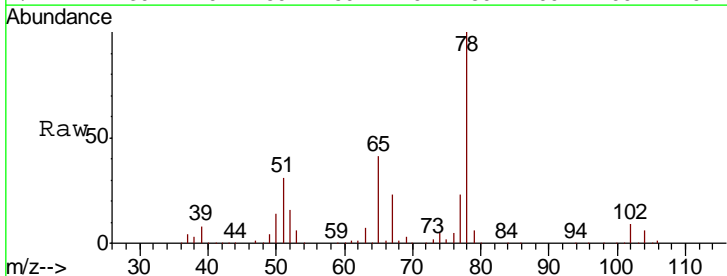
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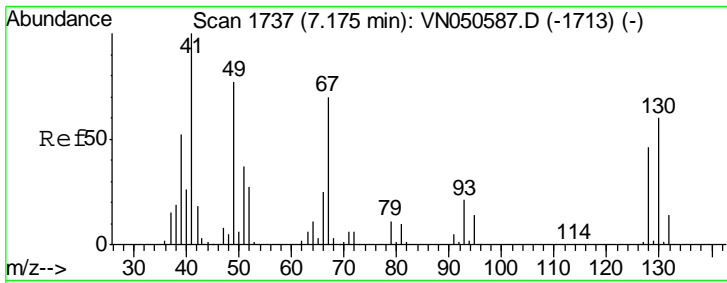
MMDadoda
 8/15/2018 3:32:20 PM



#40
 Benzene
 Concen: 20.55 ug/l
 RT: 8.04 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
78	629806		
78	100		
77	23.5	19.0	28.6





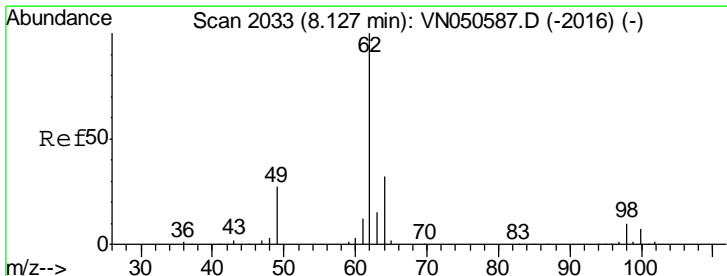
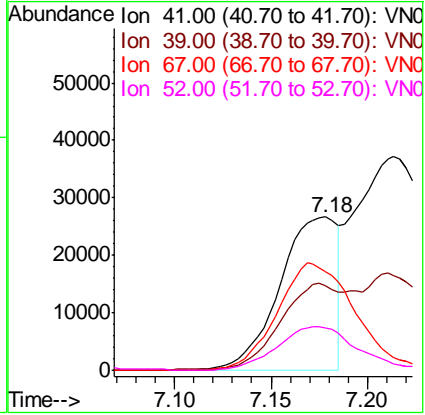
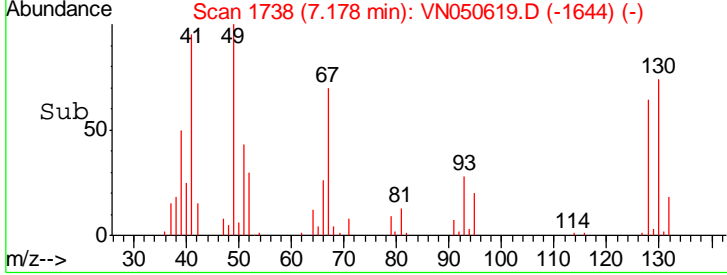
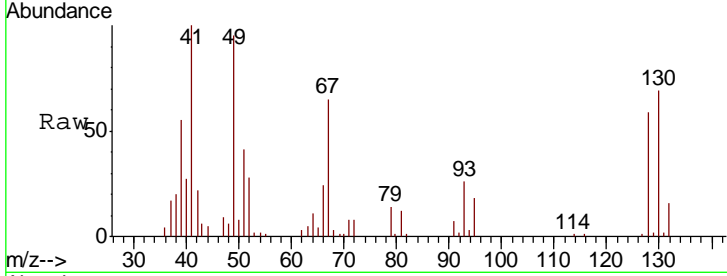
#41
 Methacrylonitrile
 Concen: 17.99 ug/l
 RT: 7.18 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
41	100		
39	58.4	44.6	66.8
67	95.0	66.7	100.1
52	39.8	26.5	39.7#

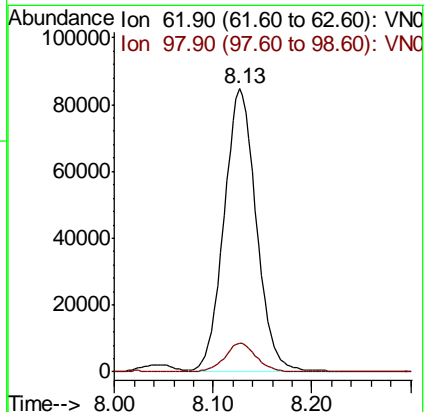
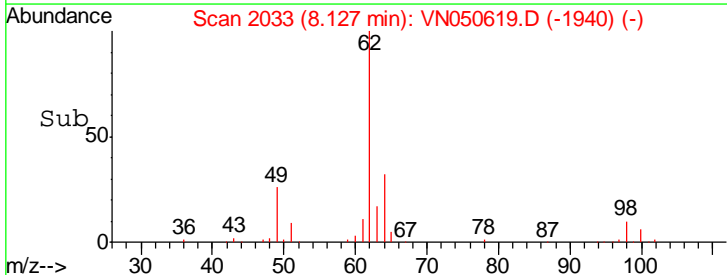
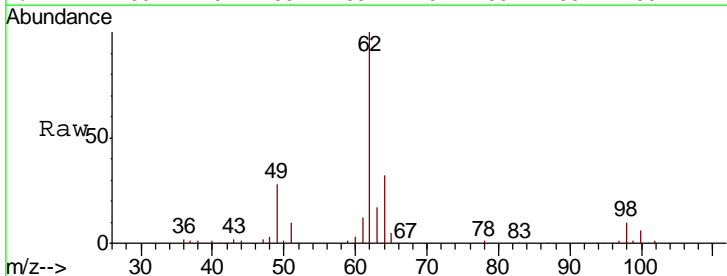
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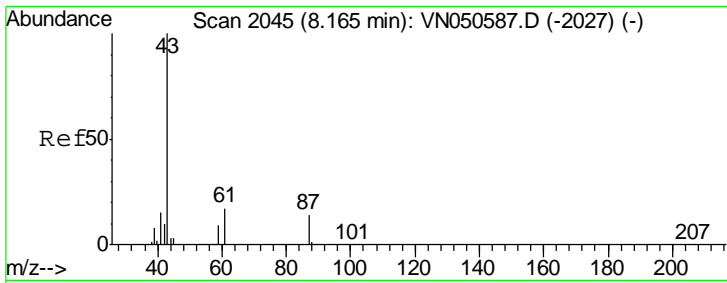
MMDadoda
 8/15/2018 3:32:20 PM



#42
 1,2-Dichloroethane
 Concen: 20.49 ug/l
 RT: 8.13 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
62	100		
98	9.9	0.0	19.4



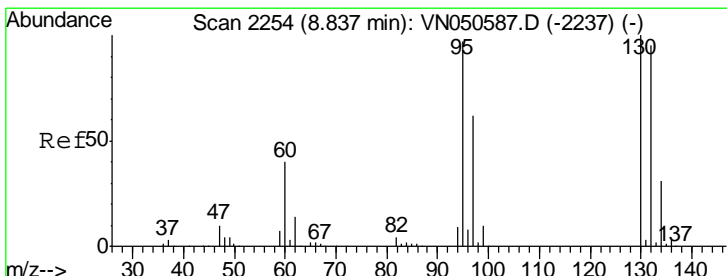
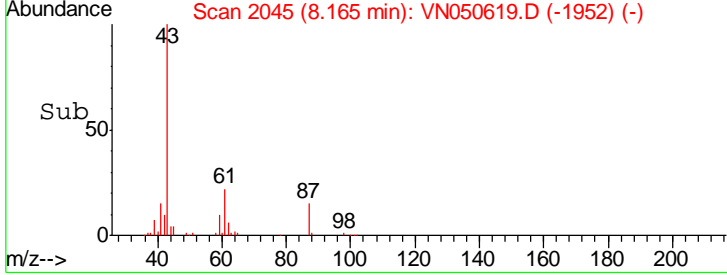
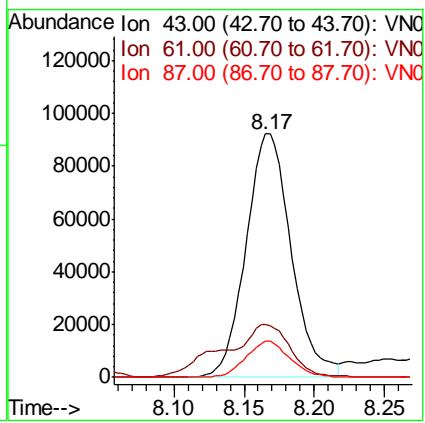
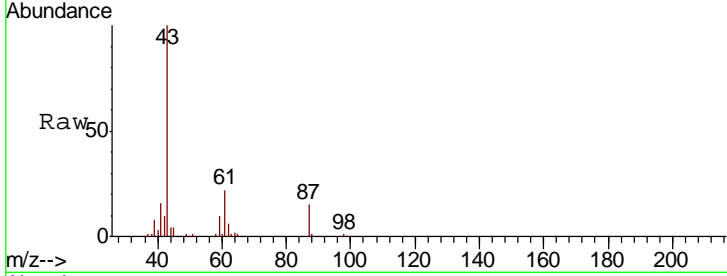


#43
 Isopropyl Acetate
 Concen: 19.81 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

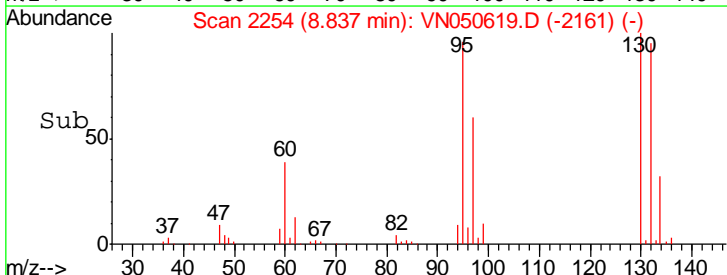
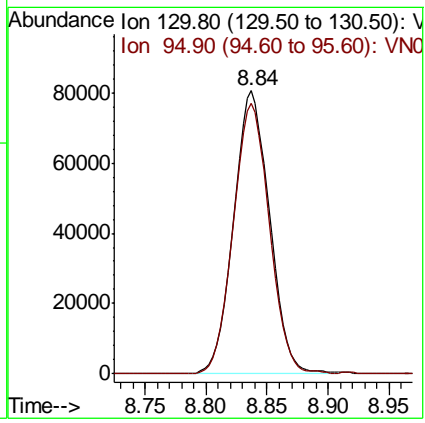
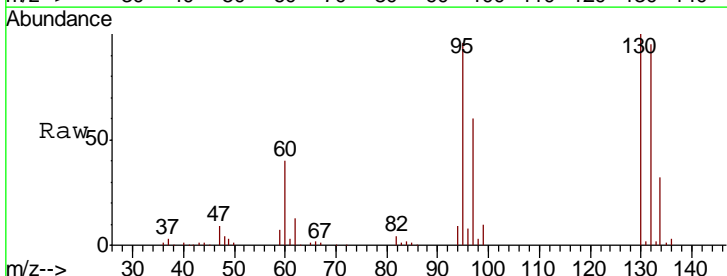
Tgt Ion	Resp	Lower	Upper
43	100		
61	20.3	16.2	24.2
87	14.6	10.9	16.3

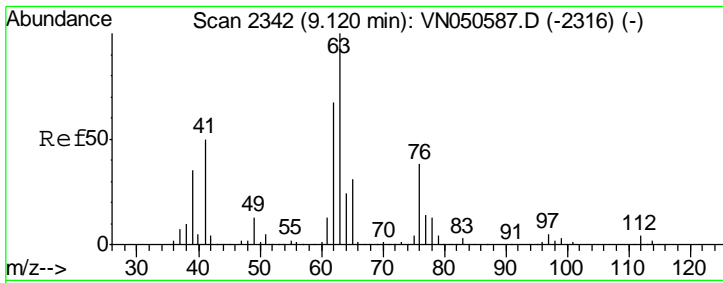
Manual Integrations
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 8/15/2018 3:32:20 PM



#44
 Trichloroethene
 Concen: 20.00 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
130	100		
95	95.7	0.0	193.8





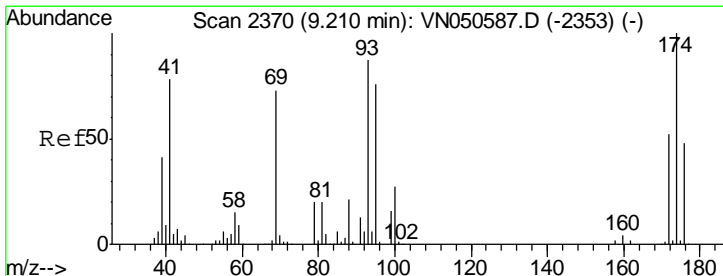
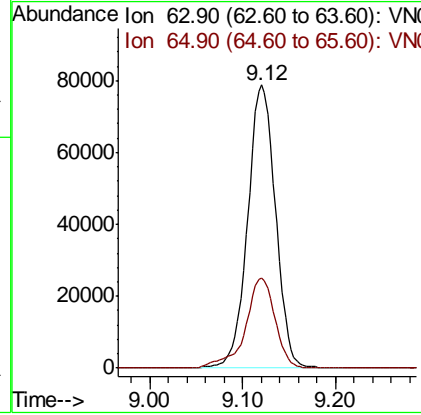
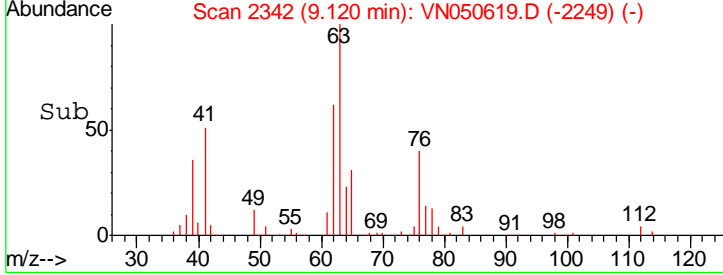
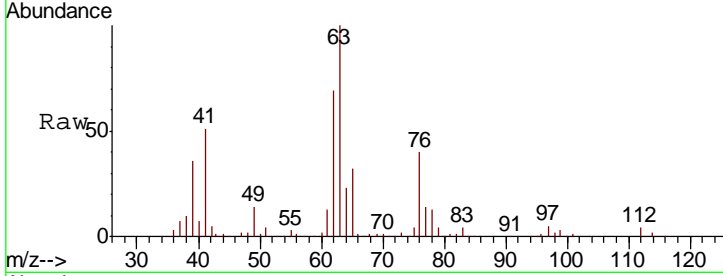
#45
 1,2-Dichloropropane
 Concen: 20.16 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
63	164508		
63	100		
65	31.9	24.5	36.7

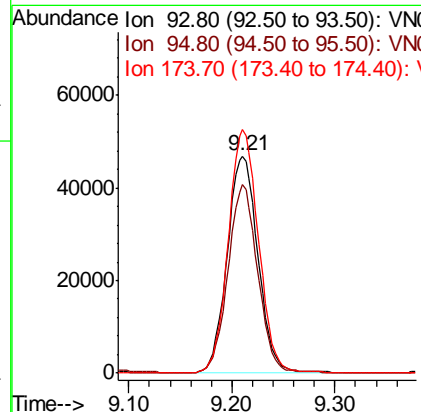
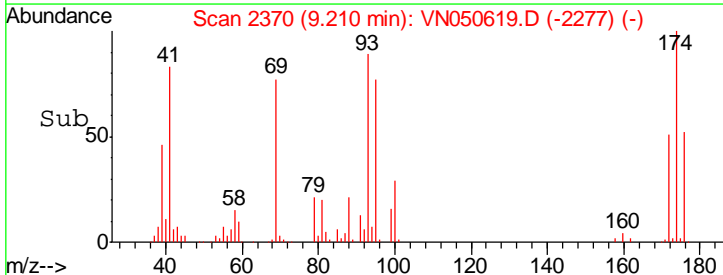
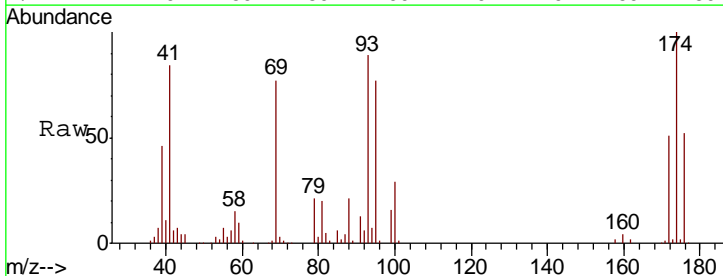
Manual Integrations
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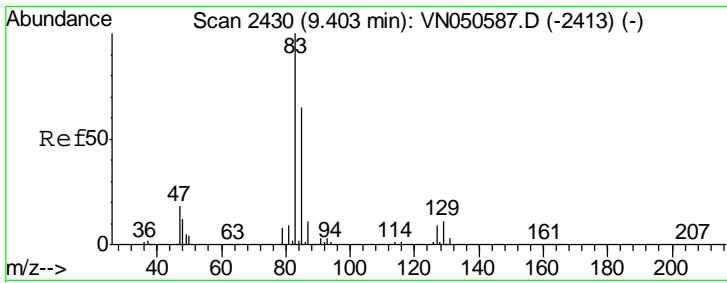
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 8/15/2018 3:32:20 PM



#46
 Dibromomethane
 Concen: 20.27 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
93	97674		
93	100		
95	83.8	69.1	103.7
174	110.1	91.0	136.6





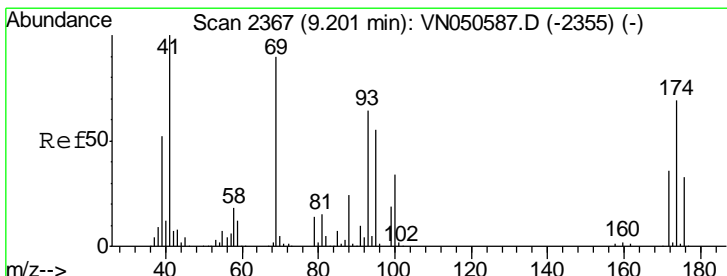
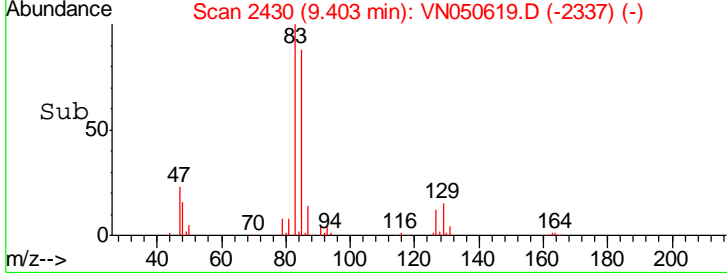
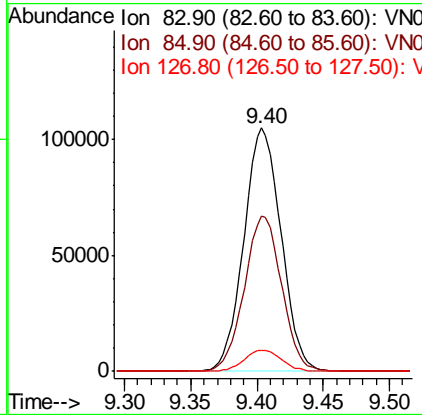
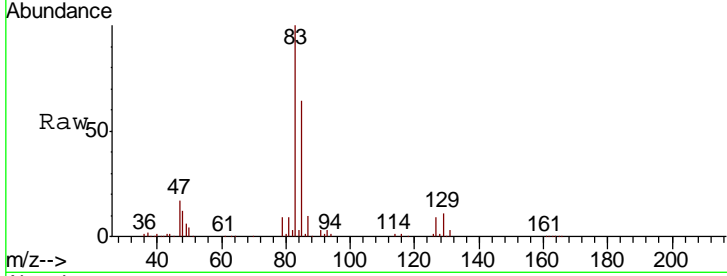
#47
 Bromodichloromethane
 Concen: 19.95 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
83	100		
85	63.6	51.8	77.6
127	8.6	7.2	10.8

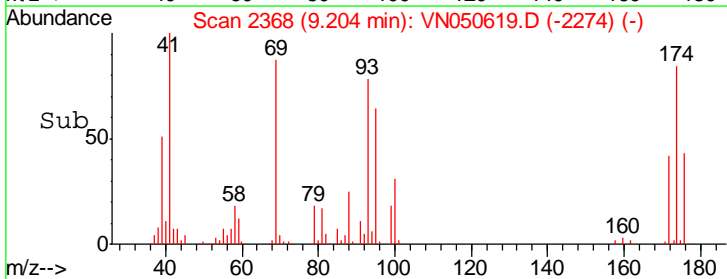
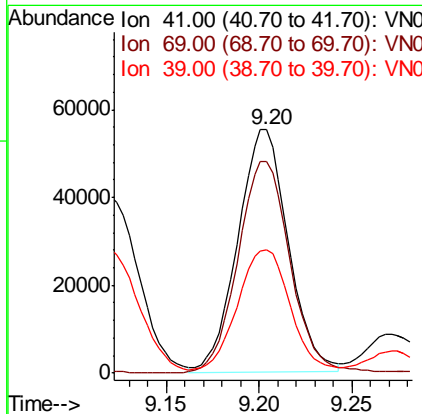
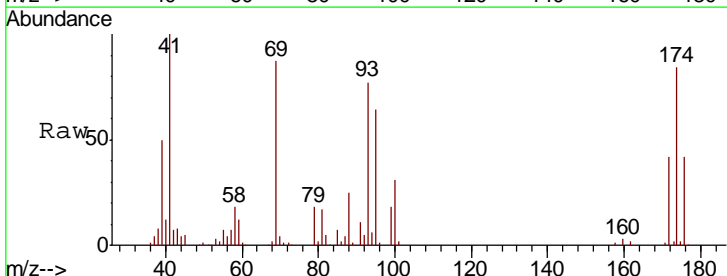
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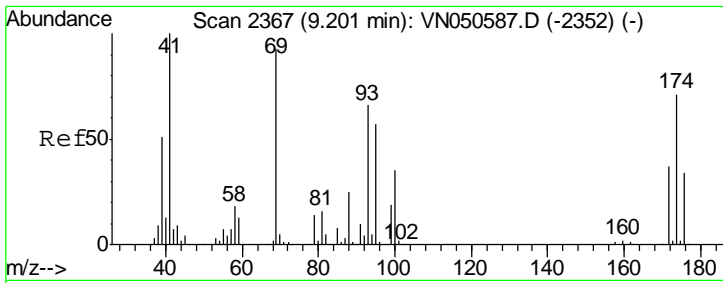
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 8/15/2018 3:32:20 PM



#48
 Methyl methacrylate
 Concen: 20.03 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
41	100		
69	90.8	73.4	110.0
39	52.8	43.0	64.6





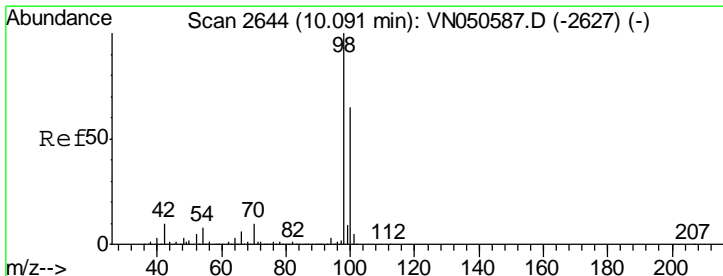
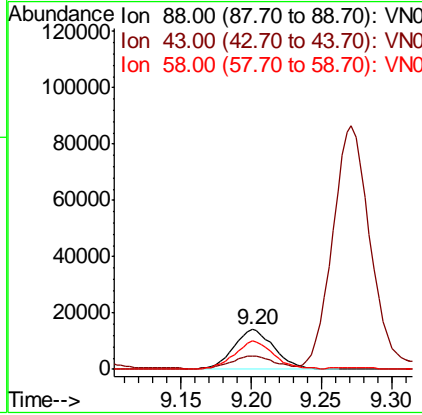
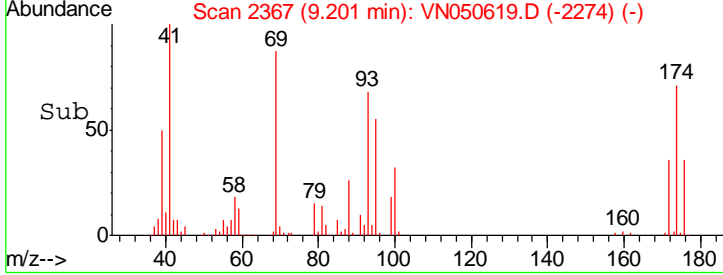
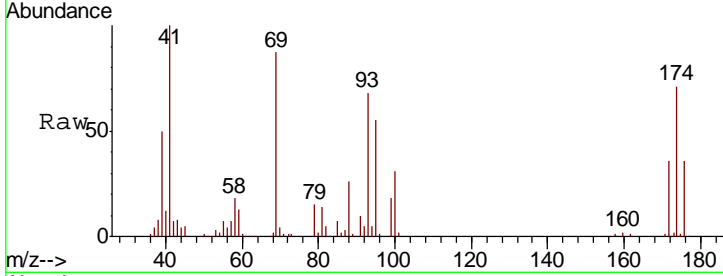
#49
 1,4-Dioxane
 Concen: 417.96 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
88	100		
43	32.6	25.9	38.9
58	69.1	56.5	84.7

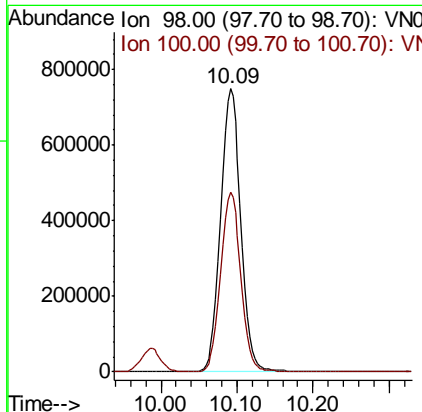
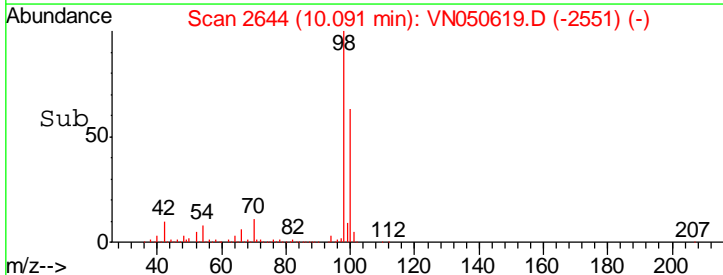
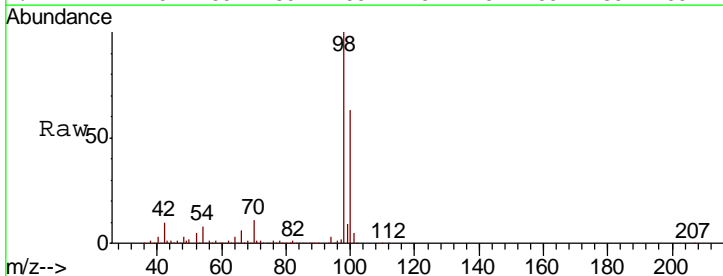
Manual Integrations
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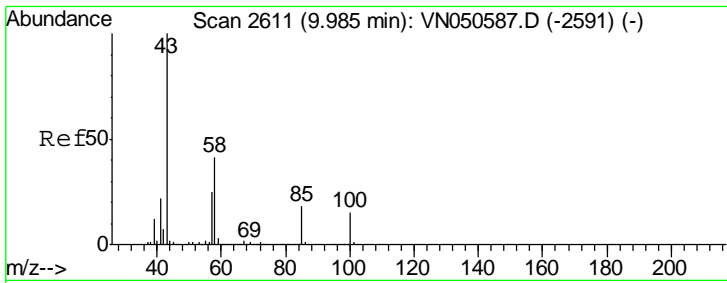
MMDadoda
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#50
 Toluene-d8
 Concen: 50.94 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
98	100		
100	63.6	51.8	77.8





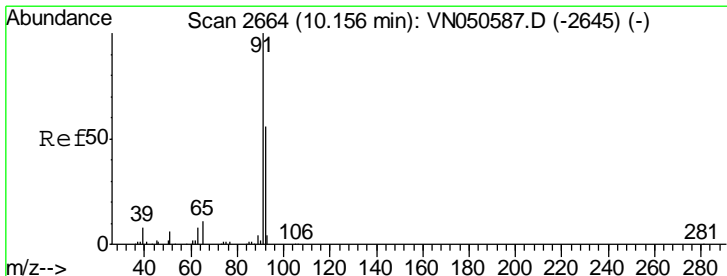
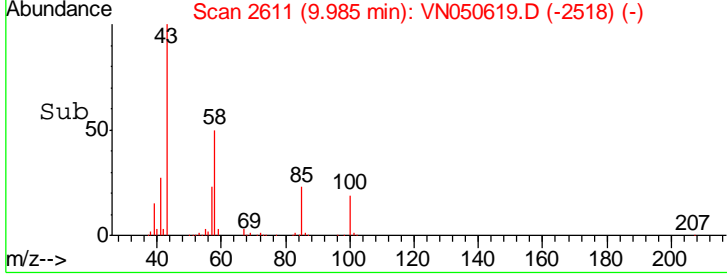
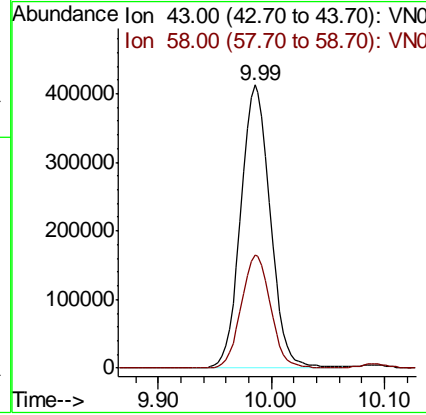
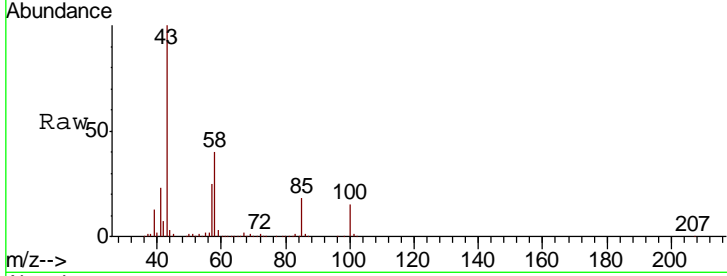
#51
 4-Methyl-2-Pentanone
 Concen: 106.71 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.5	48.7

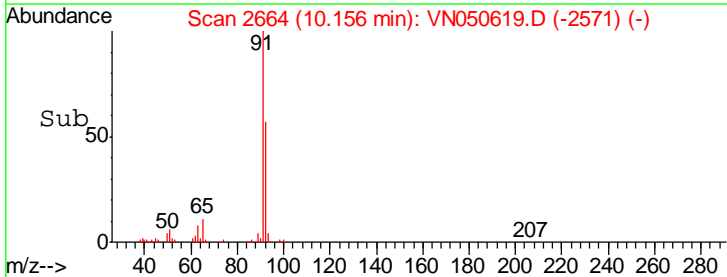
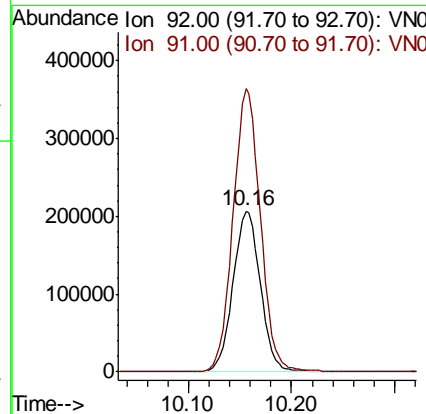
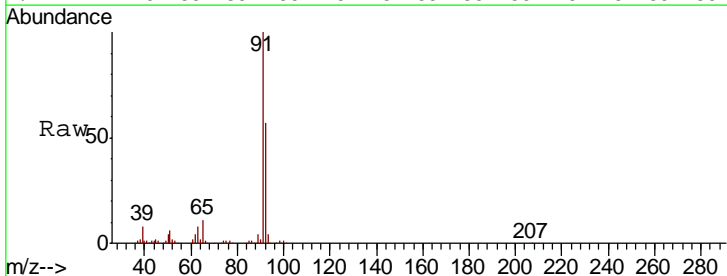
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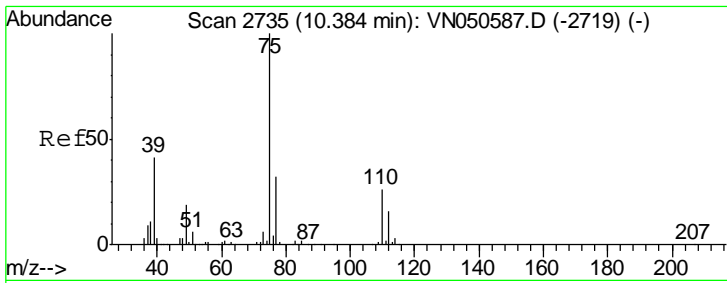
MMDadoda
 8/15/2018 3:32:20 PM



#52
 Toluene
 Concen: 20.91 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.9	141.9	212.9





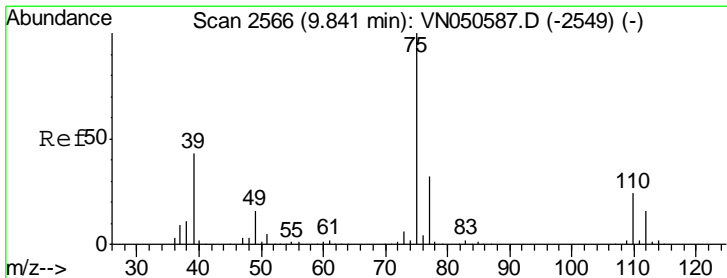
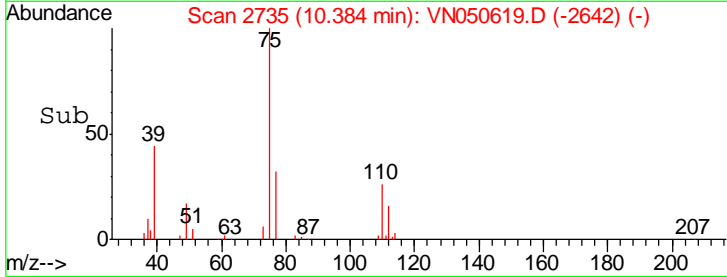
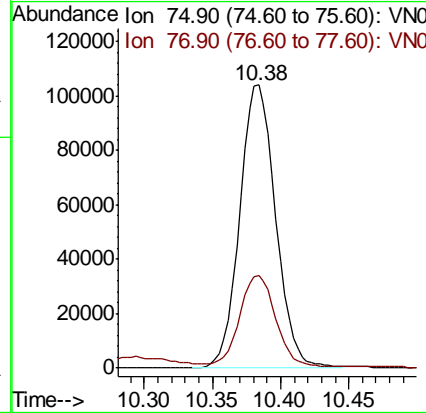
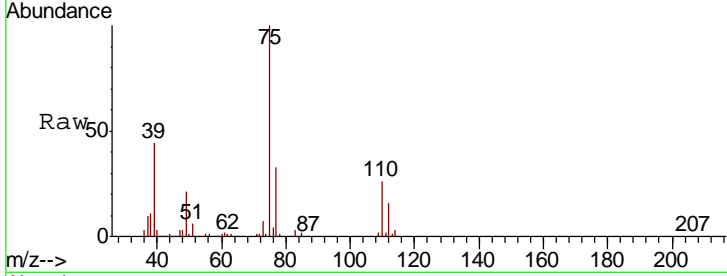
#53
 t-1,3-Dichloropropene
 Concen: 19.86 ug/l
 RT: 10.38 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
75	190511		
75	100		
77	32.0	25.8	38.6

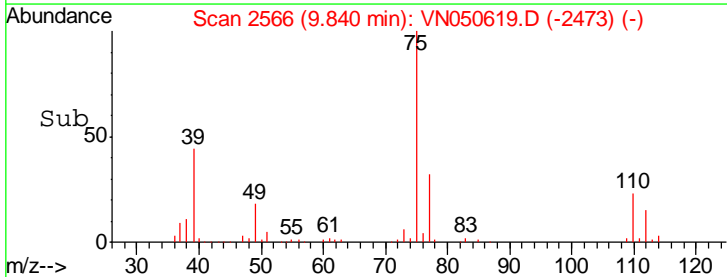
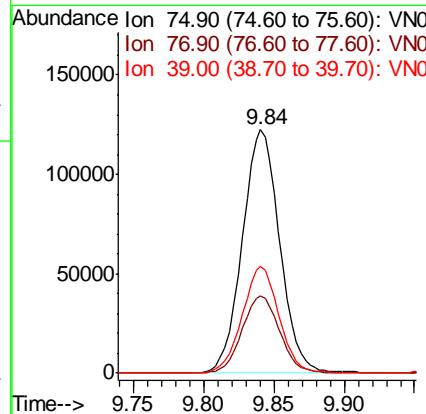
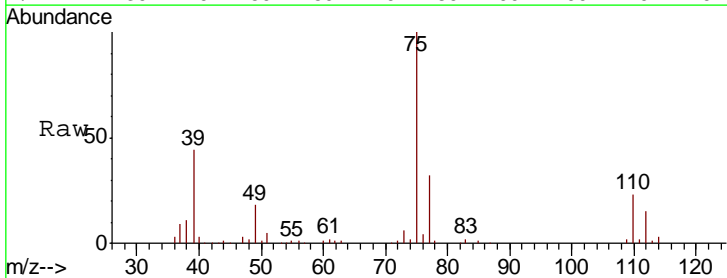
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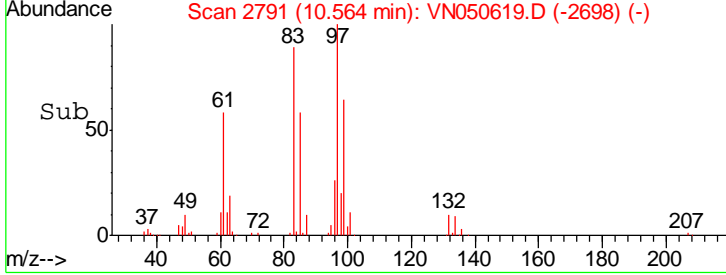
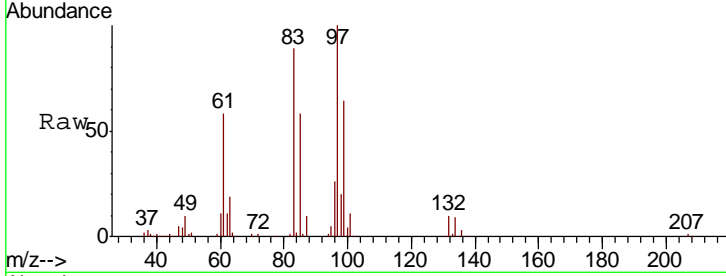
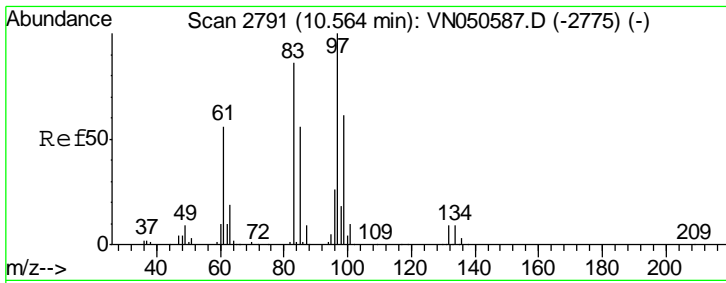
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#54
 cis-1,3-Dichloropropene
 Concen: 20.64 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
75	227184		
75	100		
77	31.9	25.6	38.4
39	44.1	34.4	51.6



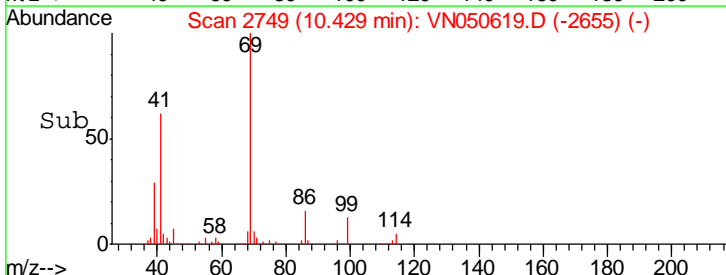
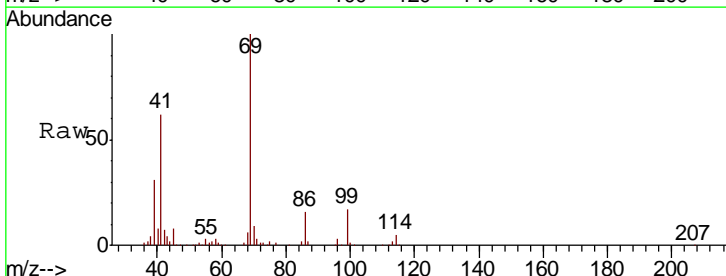
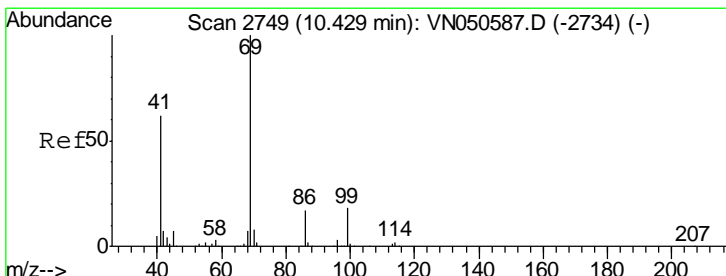
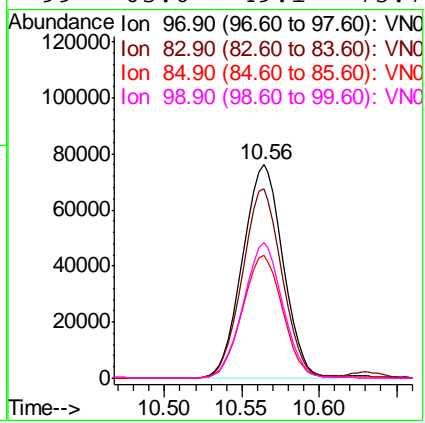


#55
 1,1,2-Trichloroethane
 Concen: 20.33 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
97	138999		
97	100		
83	88.8	68.5	102.7
85	57.6	44.6	66.8
99	63.6	49.1	73.7

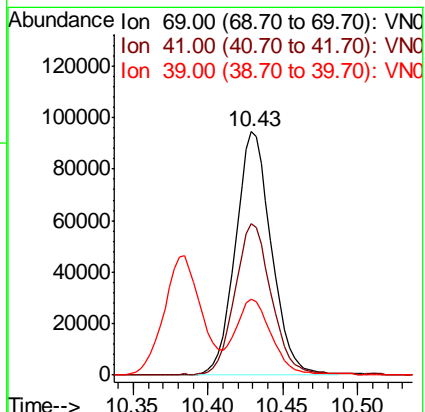
Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

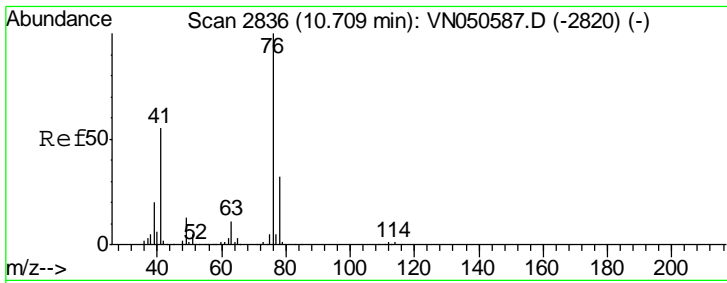
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#56
 Ethyl methacrylate
 Concen: 19.29 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
69	157618		
69	100		
41	62.6	49.7	74.5
39	31.0	24.2	36.2



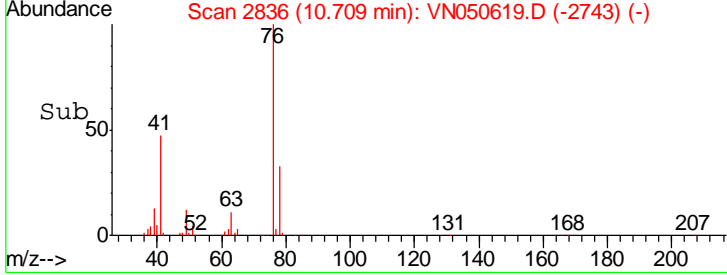
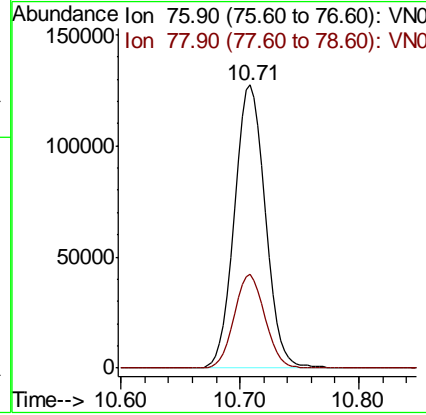
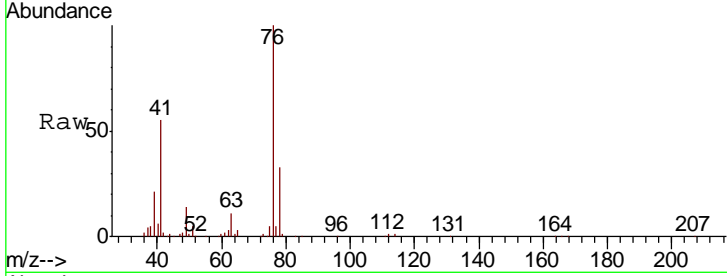


#57
 1,3-Dichloropropane
 Concen: 20.41 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

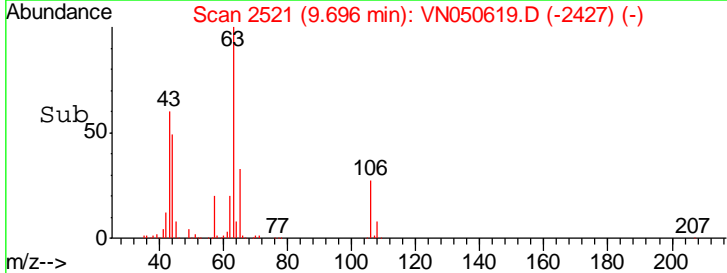
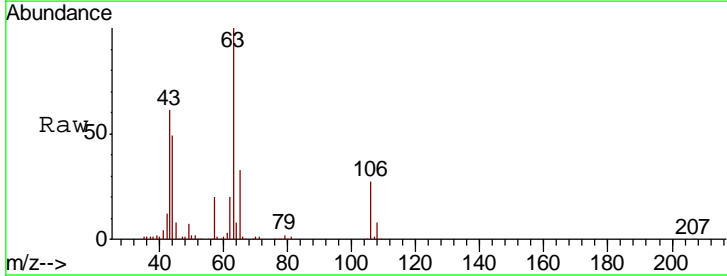
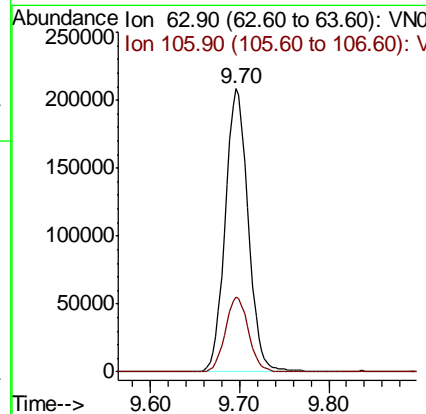
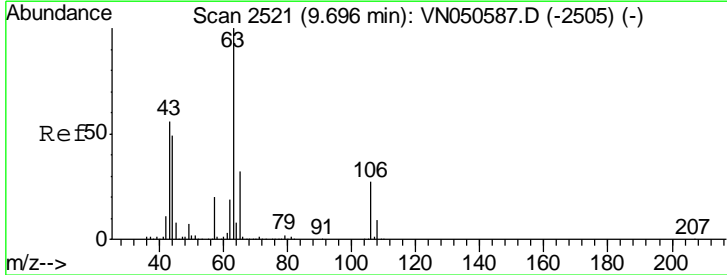
Tgt Ion	Resp	Lower	Upper
76	228771		
76	100		
78	33.0	25.8	38.6

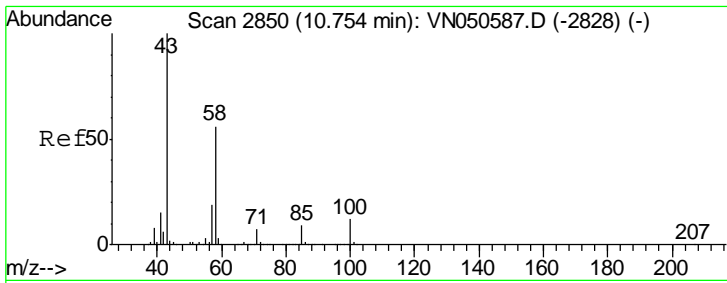
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.70 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
63	371842		
63	100		
106	26.8	21.7	32.5



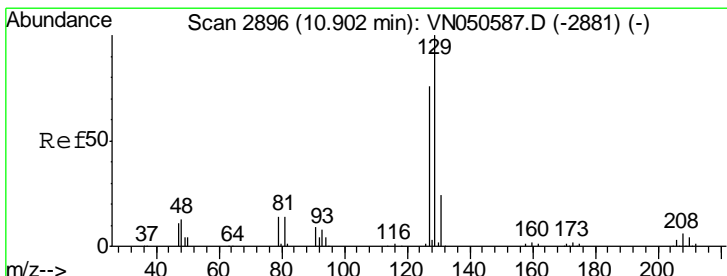
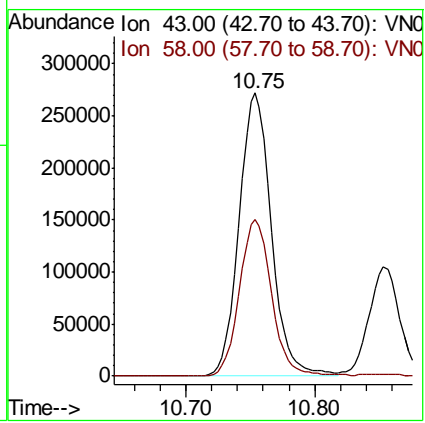
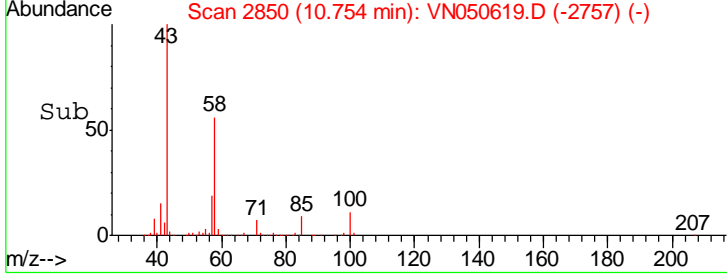
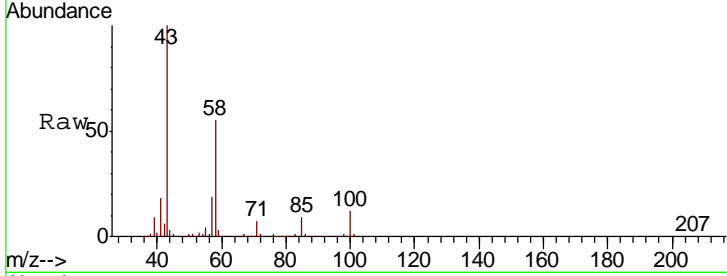


#59
 2-Hexanone
 Concen: 104.30 ug/l
 RT: 10.75 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

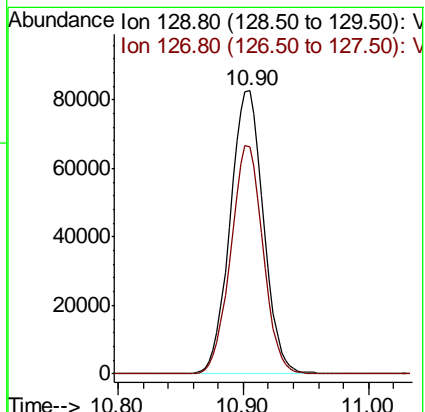
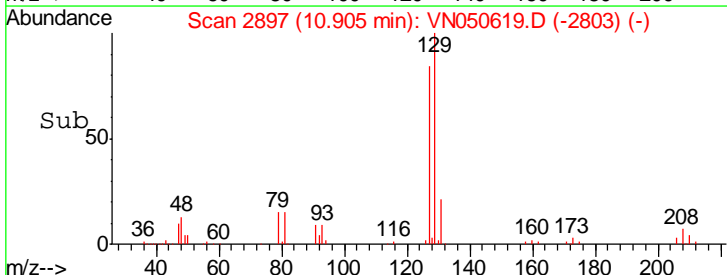
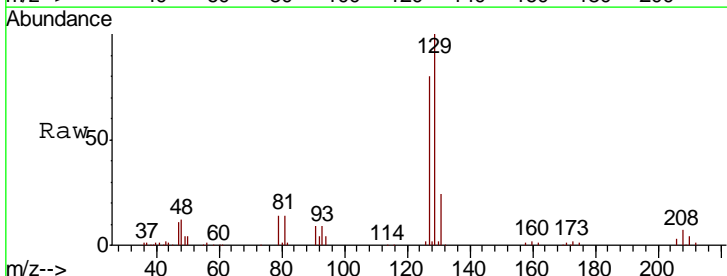
Tgt Ion	Resp	Lower	Upper
43	100		
58	55.5	28.0	84.0

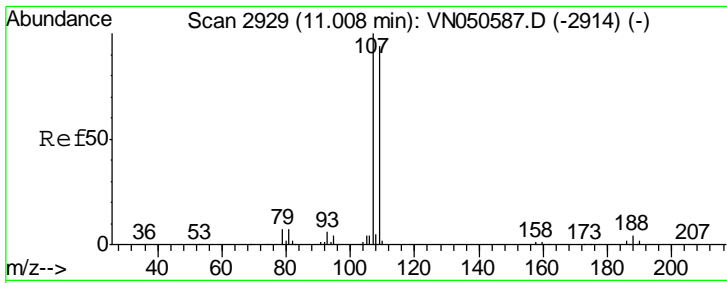
Manual Integrations APPROVED
 MMDadoda
 8/15/2018 3:32:20 PM



#60
 Dibromochloromethane
 Concen: 20.19 ug/l
 RT: 10.90 min Scan# 2897
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
129	100		
127	78.3	38.9	116.7



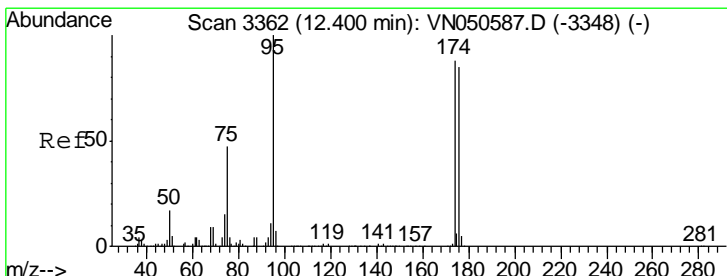
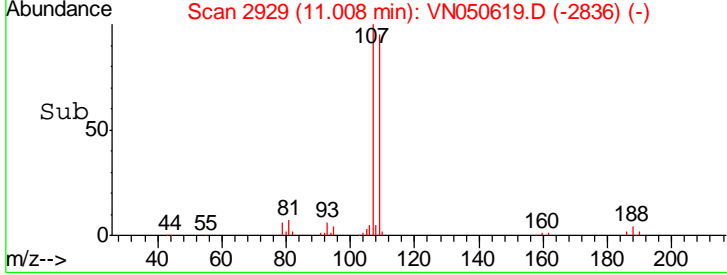
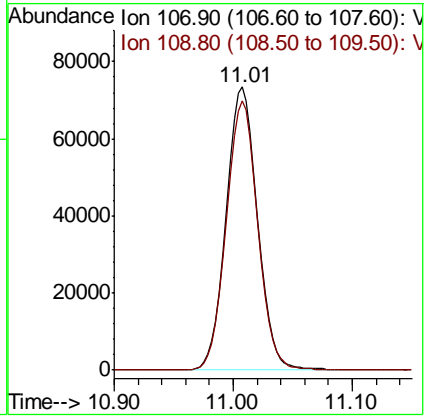
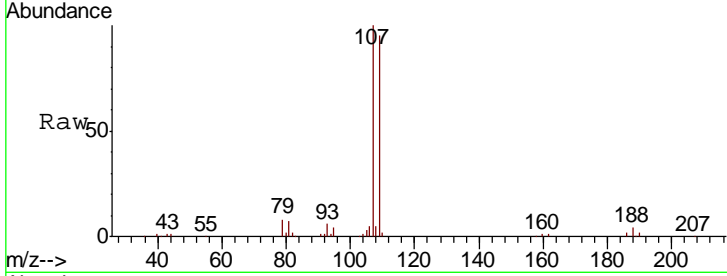


#61
 1,2-Dibromoethane
 Concen: 20.58 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

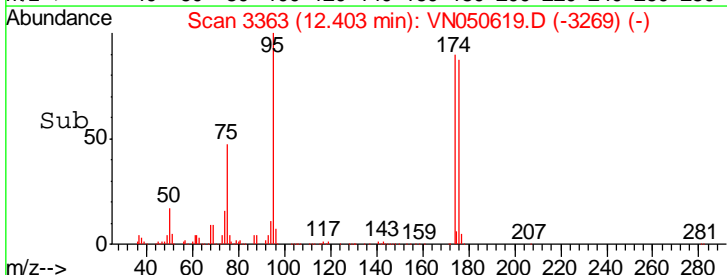
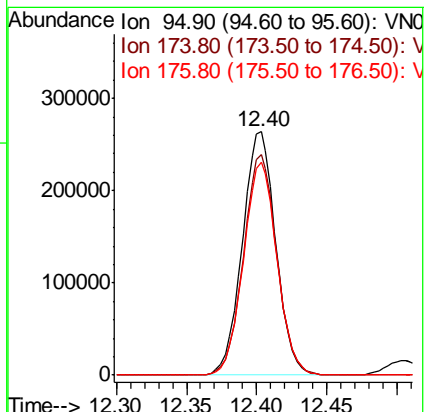
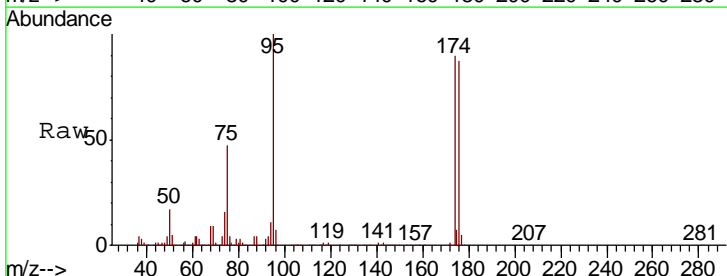
Tgt Ion	Resp	Lower	Upper
107	134034		
109	95.5	75.7	113.5

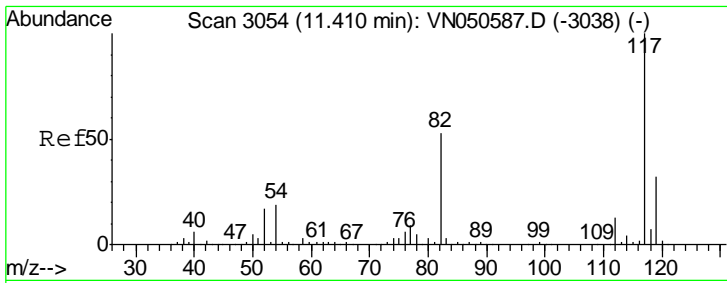
Manual Integrations
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 MMDadoda
 8/15/2018 3:32:20 PM



#62
 4-Bromofluorobenzene
 Concen: 48.75 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

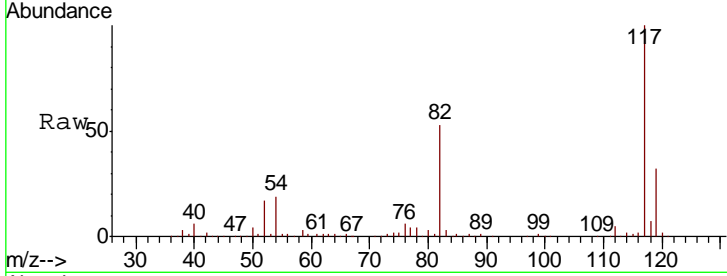
Tgt Ion	Resp	Lower	Upper
95	438058		
174	90.3	0.0	177.8
176	87.9	0.0	175.0





#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

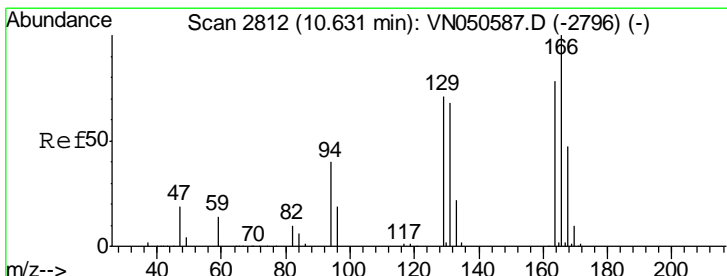
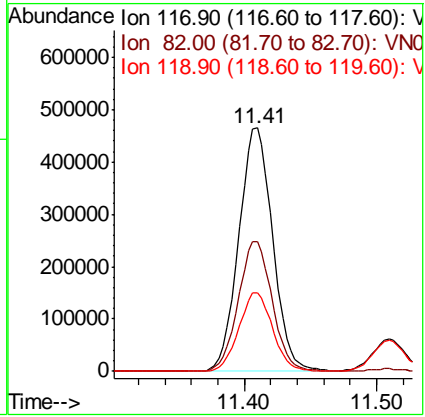
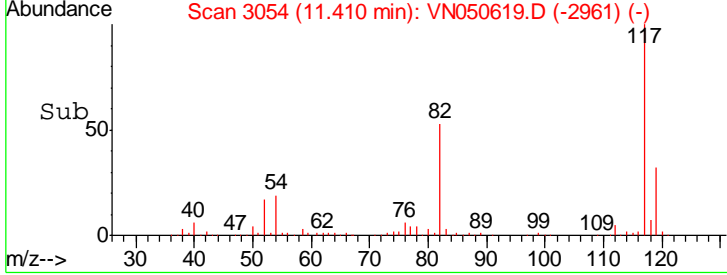
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02



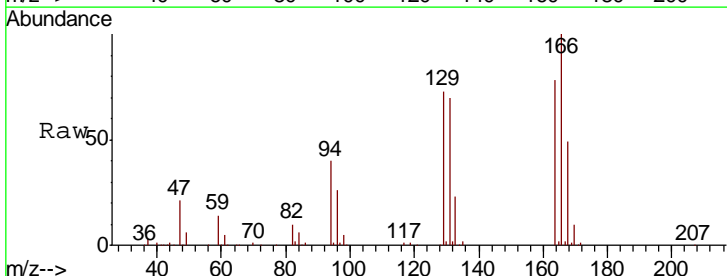
Tgt Ion: 117 Resp: 826513

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.4	63.6
119	32.3	25.8	38.8

Manual Integrations
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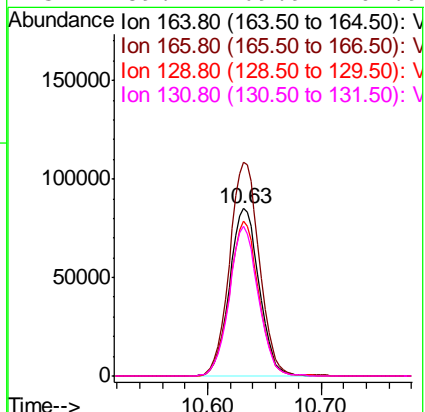
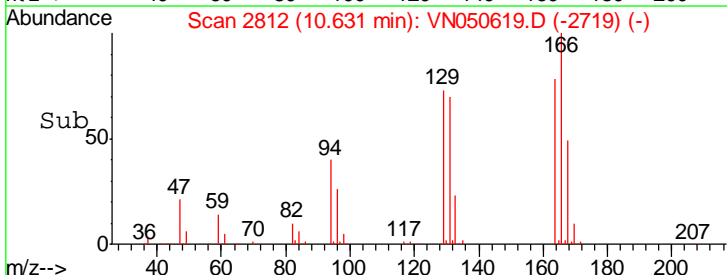


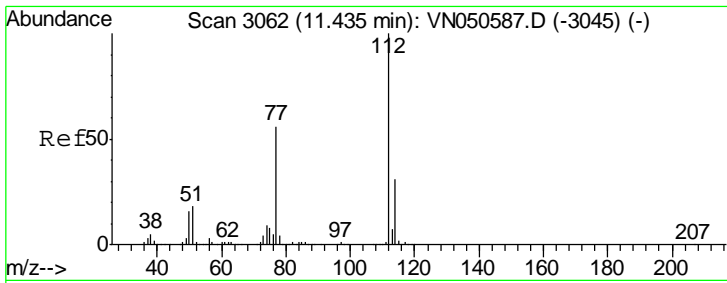
#64
 Tetrachloroethene
 Concen: 20.23 ug/l
 RT: 10.63 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00



Tgt Ion: 164 Resp: 155271

Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.1	153.1
129	92.6	72.7	109.1
131	89.1	69.9	104.9





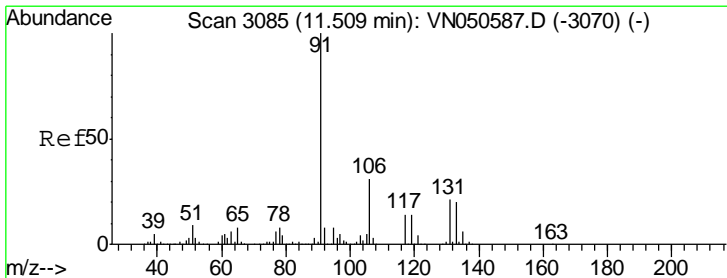
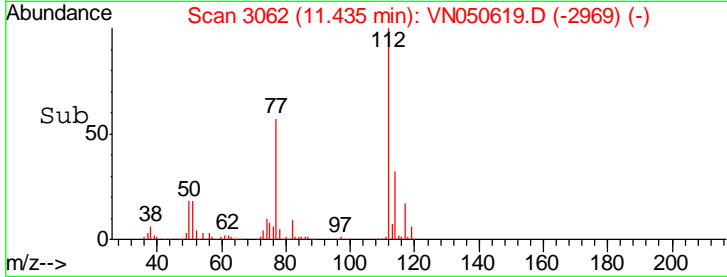
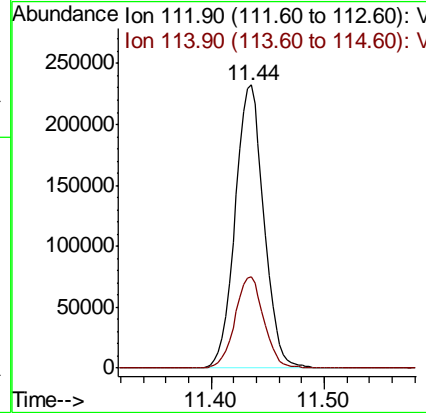
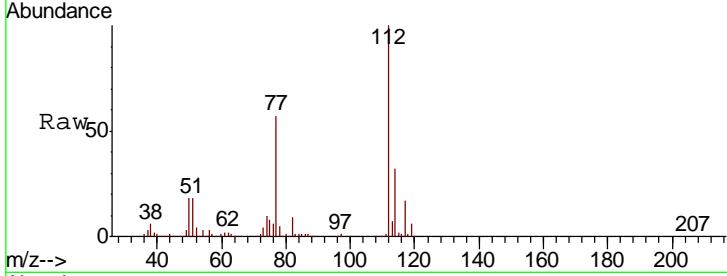
#65
 Chlorobenzene
 Concen: 19.96 ug/l
 RT: 11.44 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
112	100		
114	32.5	25.2	37.8

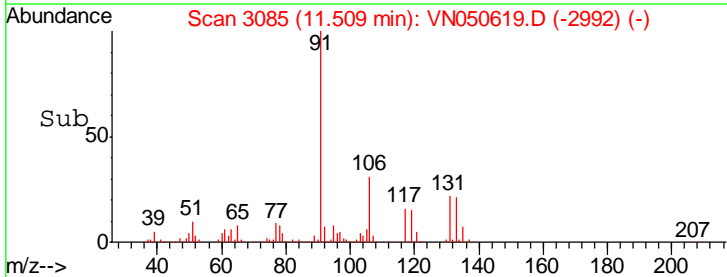
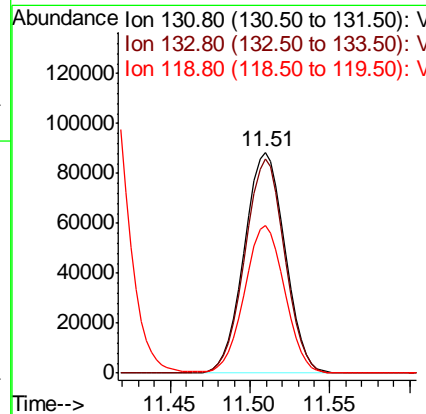
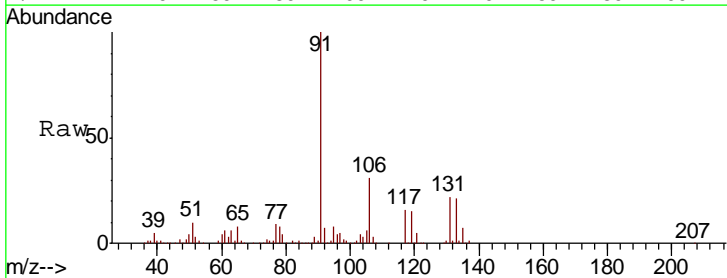
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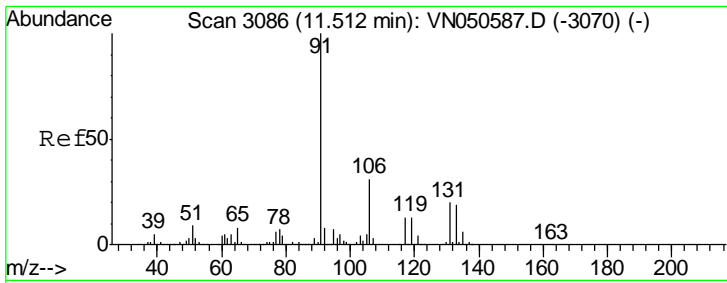
MMDadoda
 8/15/2018 3:32:20 PM



#66
 1,1,1,2-Tetrachloroethane
 Concen: 19.94 ug/l
 RT: 11.51 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
131	100		
133	94.7	47.6	142.9
119	65.7	33.1	99.3



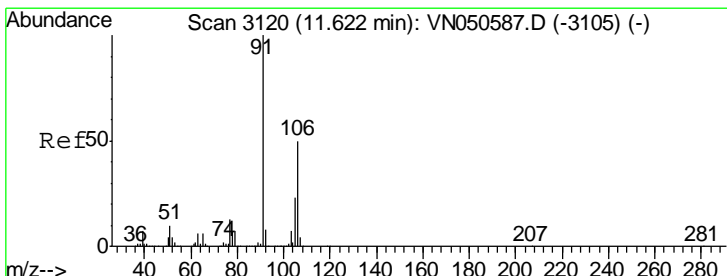
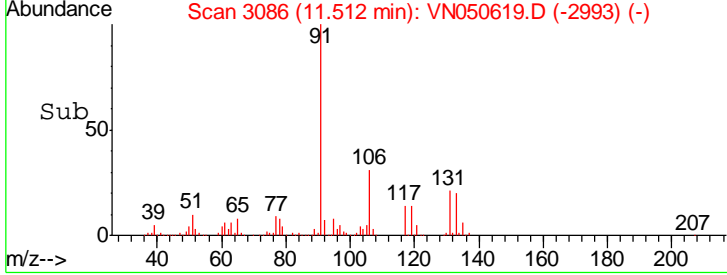
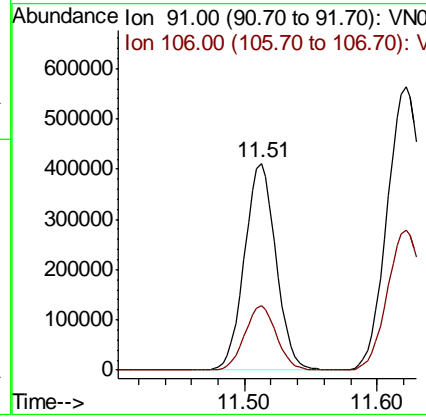
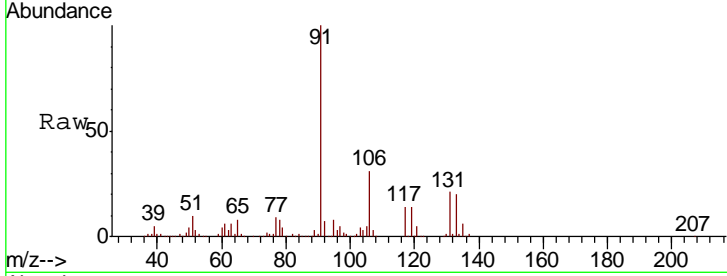


#67
Ethyl Benzene
Concen: 20.40 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
Client Sampled : VN0814WBS02

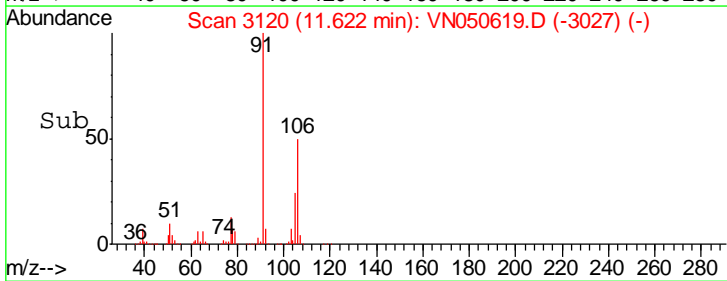
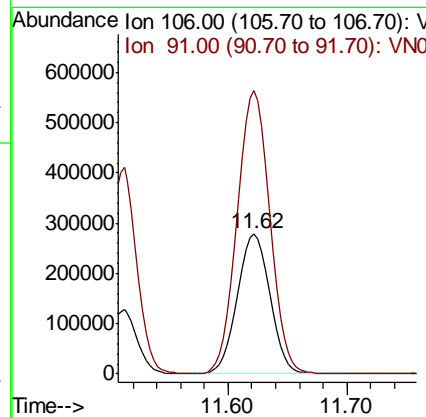
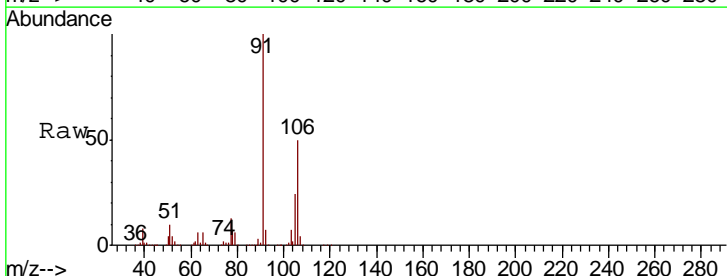
Tgt Ion: 91 Resp: 677588
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

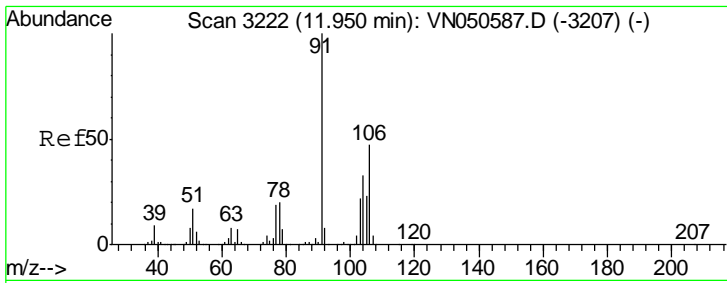
Manual Integrations
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#68
m/p-Xylenes
Concen: 41.88 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050619.D
Acq: 14 Aug 2018 23:00

Tgt Ion: 106 Resp: 532026
Ion Ratio Lower Upper
106 100
91 202.0 161.5 242.3



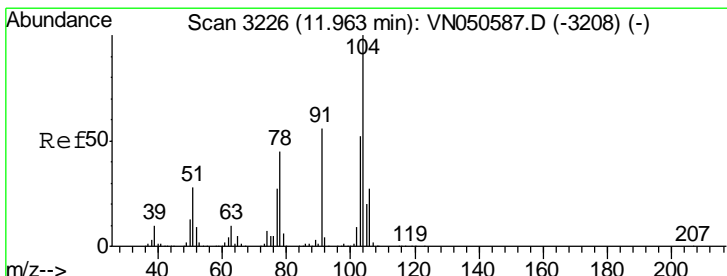
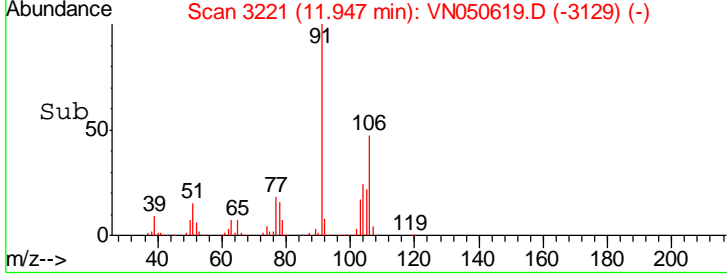
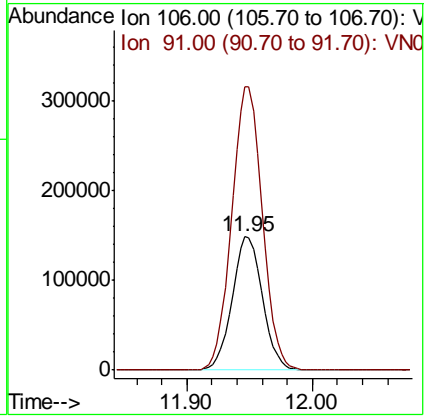
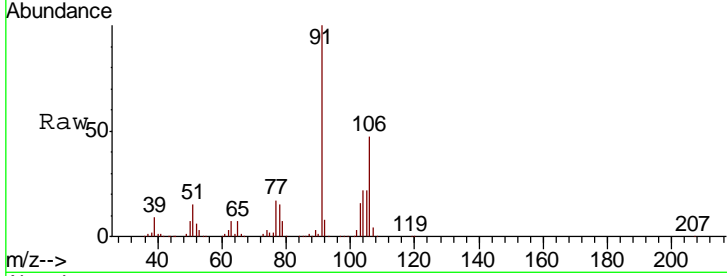


#69
 o-Xylene
 Concen: 20.58 ug/l
 RT: 11.95 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

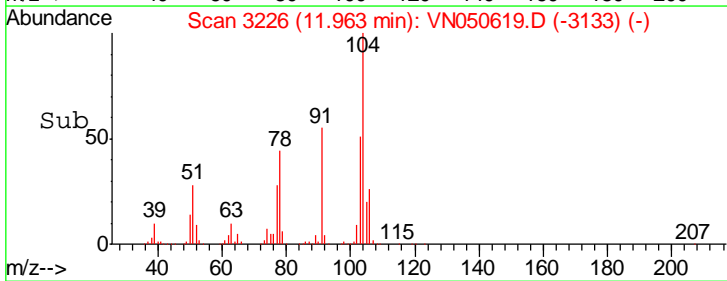
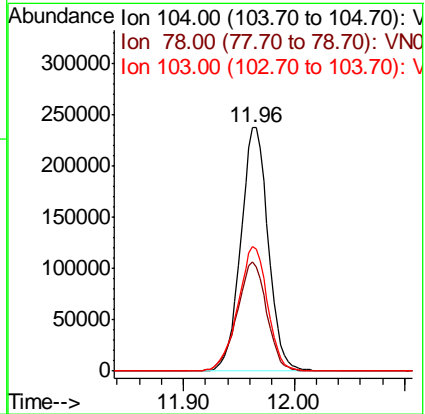
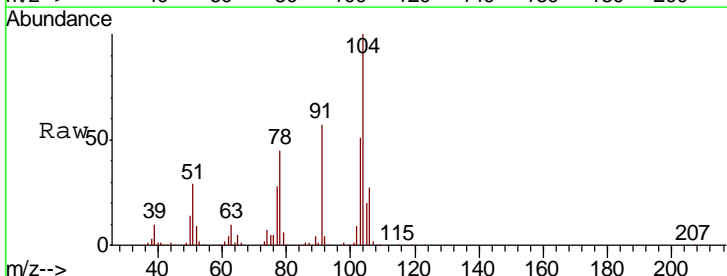
Tgt Ion	Resp	Lower	Upper
106	249256		
106	100		
91	215.0	106.8	320.4

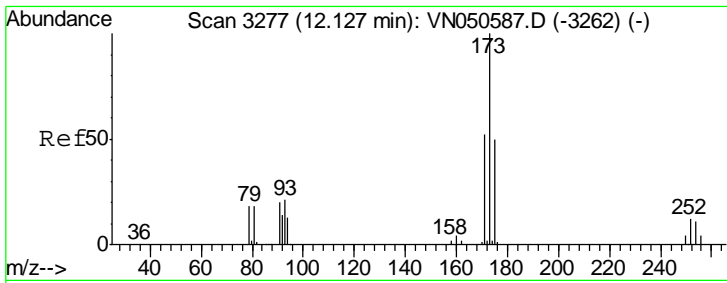
Manual Integrations
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#70
 Styrene
 Concen: 19.50 ug/l
 RT: 11.96 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
104	407483		
104	100		
78	48.5	39.1	58.7
103	55.4	44.9	67.3





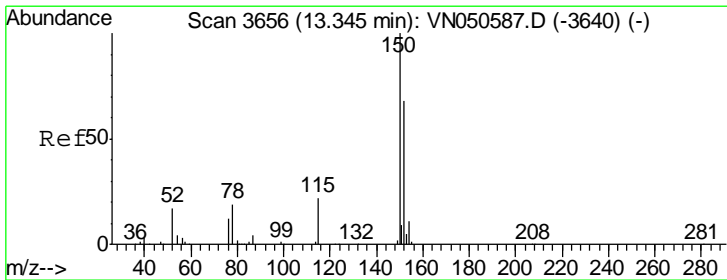
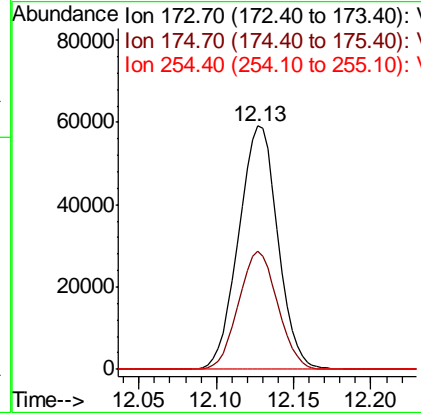
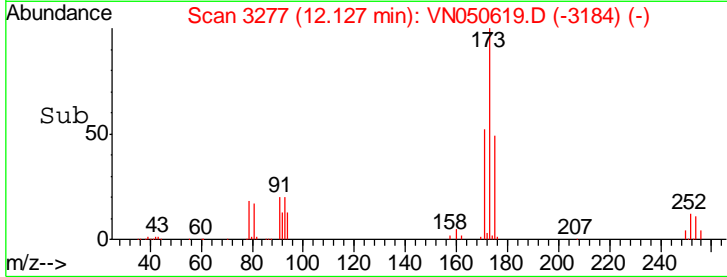
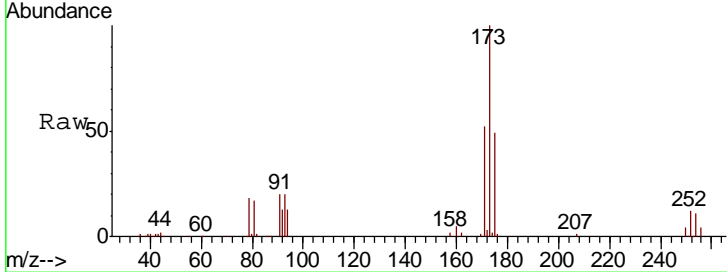
#71
 Bromoform
 Concen: 20.39 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
173	104280		
175	48.3	24.4	73.2
254	0.1	0.0	0.0#

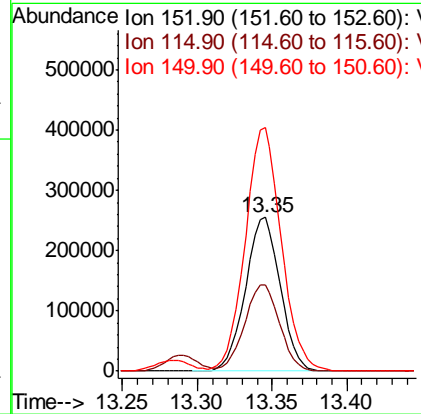
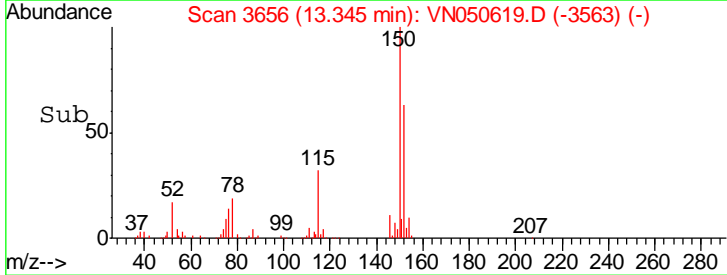
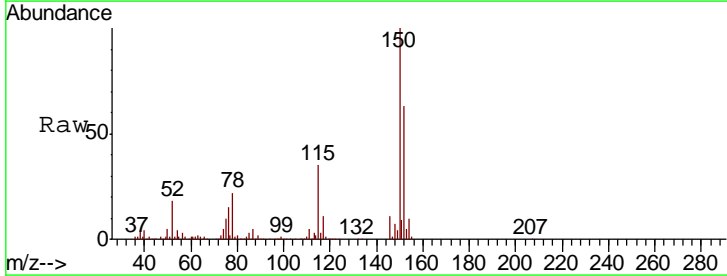
Manual Integrations
 APPROVED

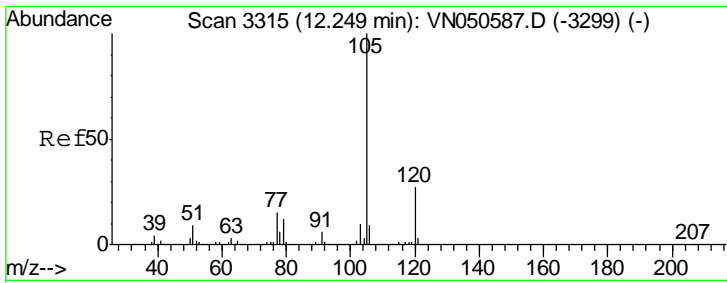
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

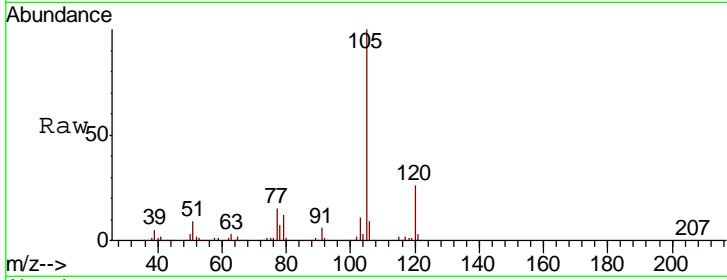
Tgt Ion	Resp	Lower	Upper
152	411932		
152	100		
115	56.6	28.1	84.2
150	164.3	0.0	347.8





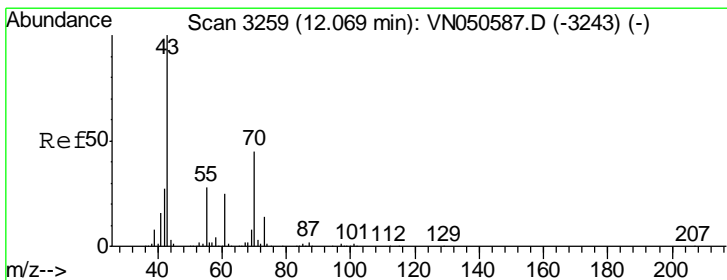
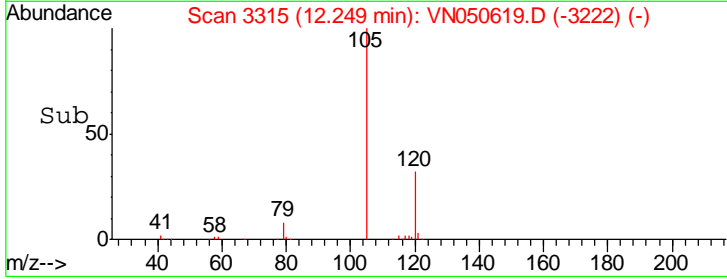
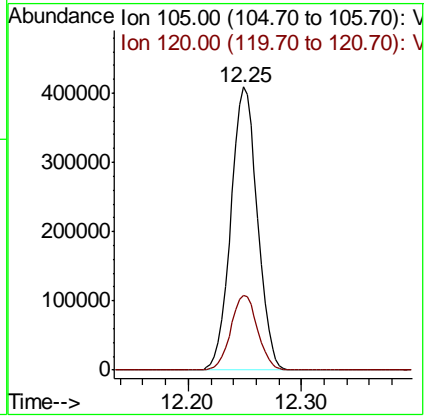
#73
 Isopropylbenzene
 Concen: 20.71 ug/l
 RT: 12.25 min Scan# 3315
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02



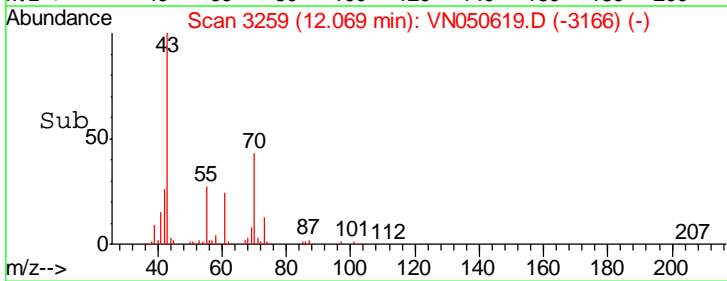
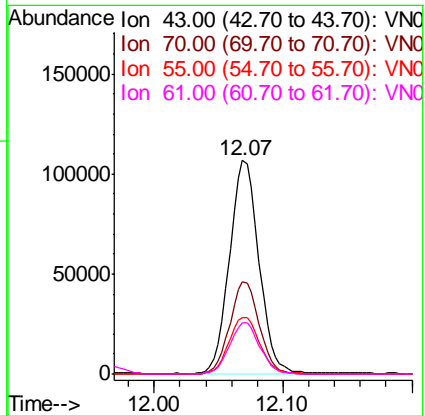
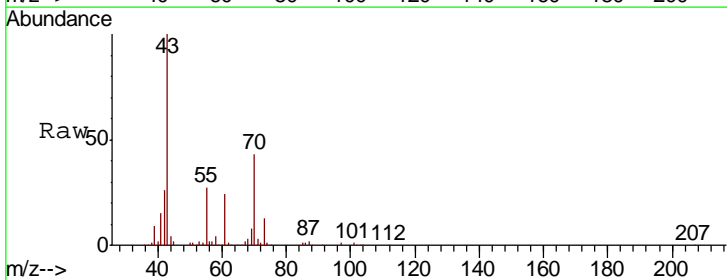
Tgt Ion: 105 Resp: 666632
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.4 40.1

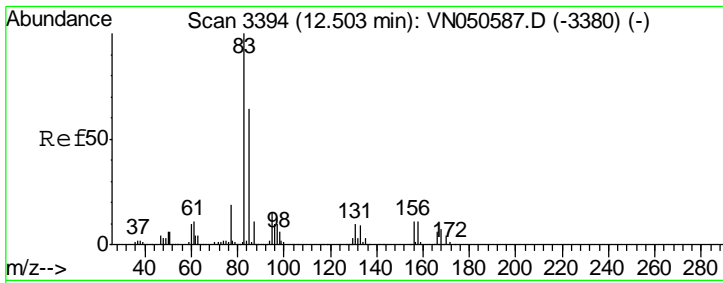
Manual Integrations
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#74
 N-amyl acetate
 Concen: 20.12 ug/l
 RT: 12.07 min Scan# 3259
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 43 Resp: 168474
 Ion Ratio Lower Upper
 43 100
 70 43.2 35.9 53.9
 55 28.3 22.2 33.4
 61 24.7 20.0 30.0



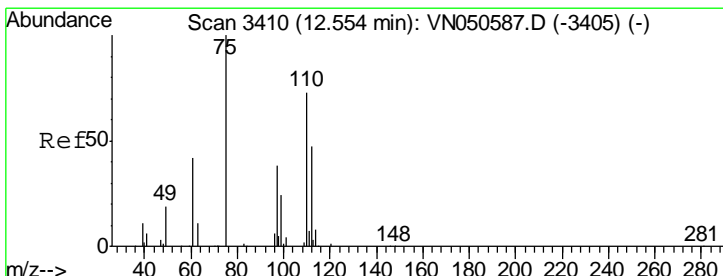
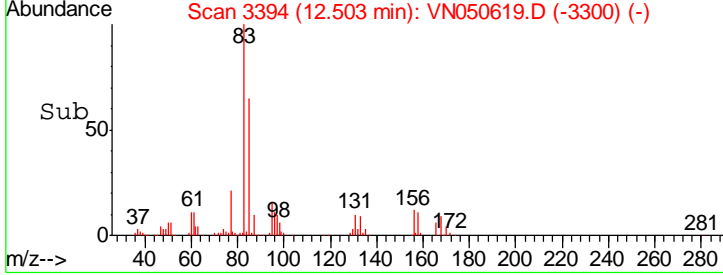
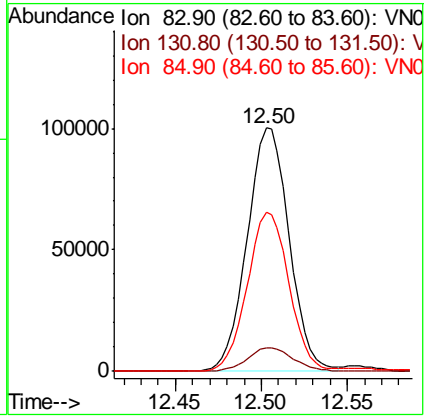
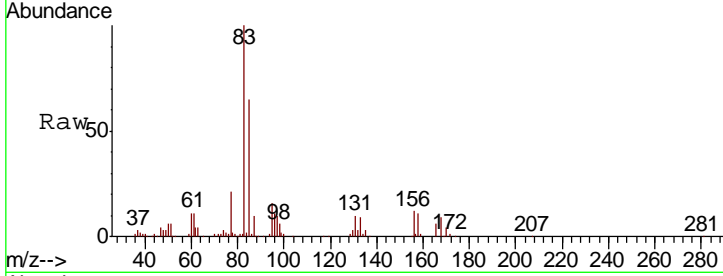


#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.38 ug/l
 RT: 12.50 min Scan# 3394
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

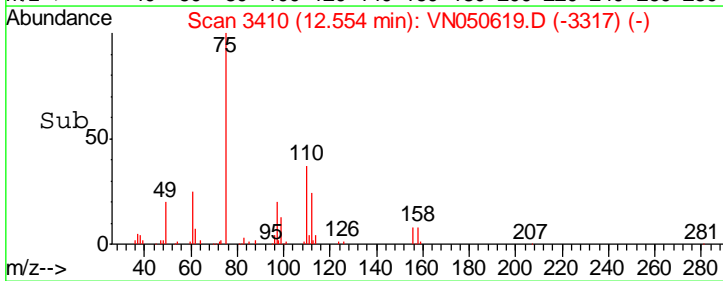
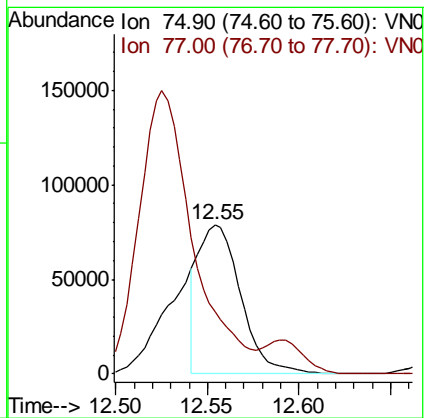
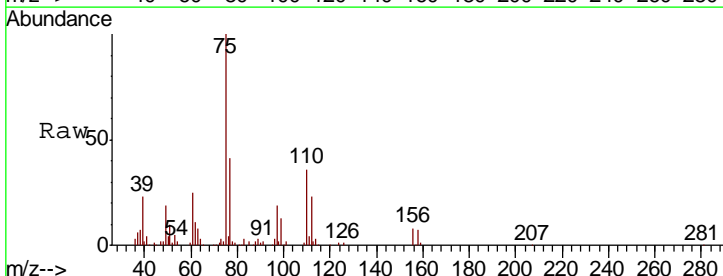
Tgt Ion	Resp	Lower	Upper
83	169682		
131	10.5	5.3	15.9
85	64.9	32.1	96.5

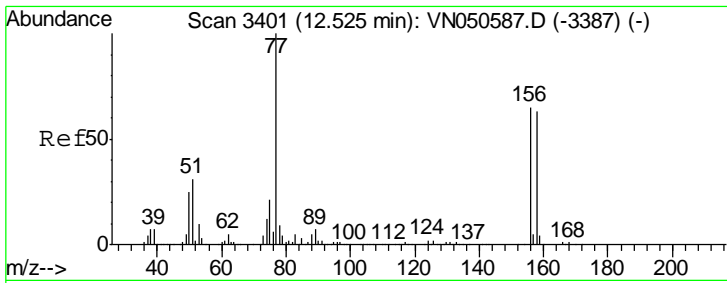
Manual Integrations
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#76
 1,2,3-Trichloropropane
 Concen: 18.27 ug/l m
 RT: 12.55 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
75	125918		
77	0.0	0.0	0.0





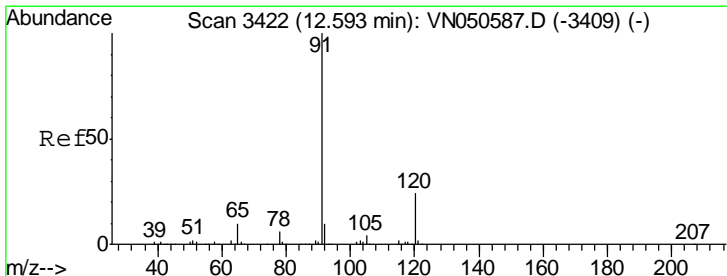
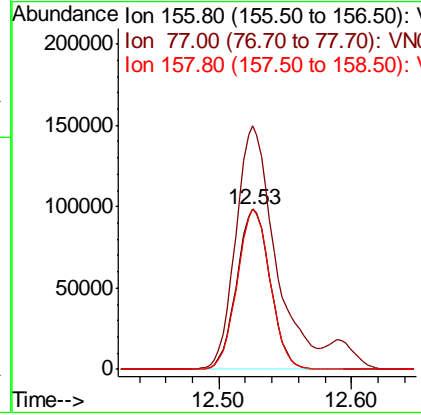
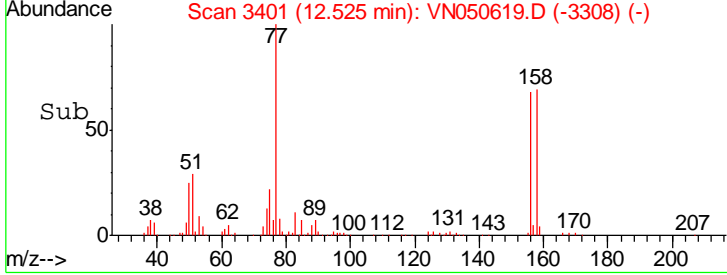
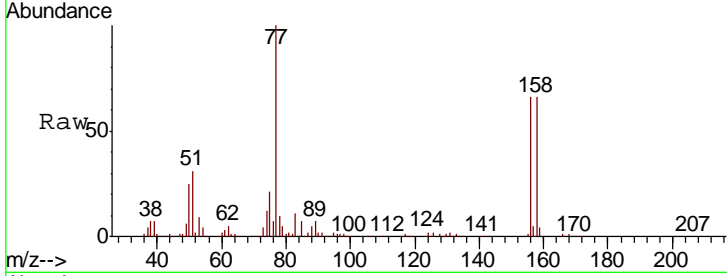
#77
 Bromobenzene
 Concen: 19.68 ug/l
 RT: 12.53 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
156	172000		
77	180.0	89.0	267.1
158	98.8	48.5	145.6

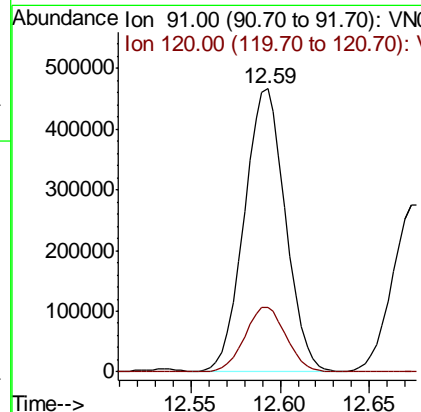
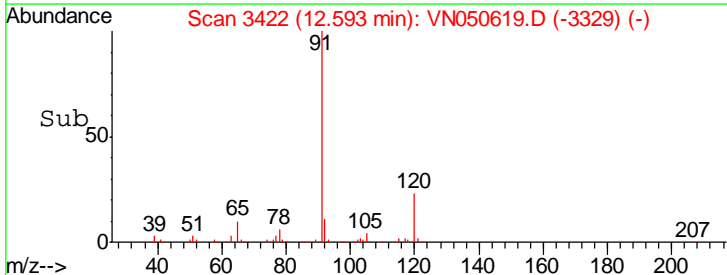
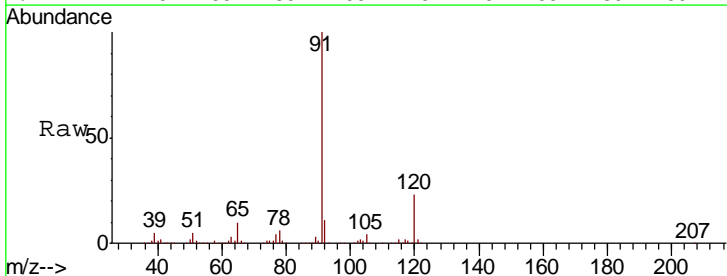
Manual Integrations
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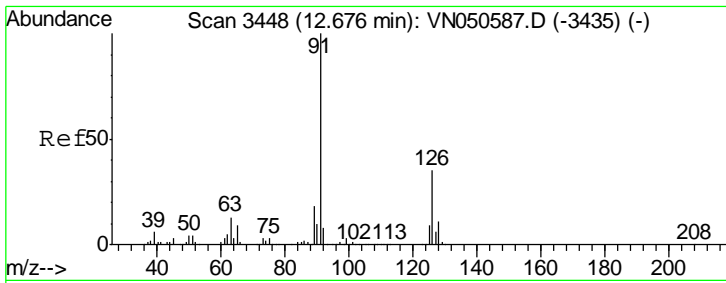
MMDadoda
 8/15/2018 3:32:20 PM



#78
 n-propylbenzene
 Concen: 20.88 ug/l
 RT: 12.59 min Scan# 3422
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
91	749203		
120	23.1	11.8	35.4



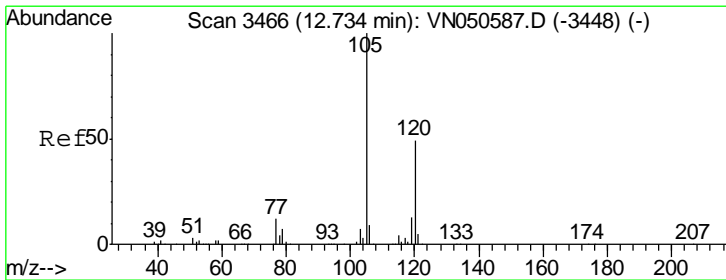
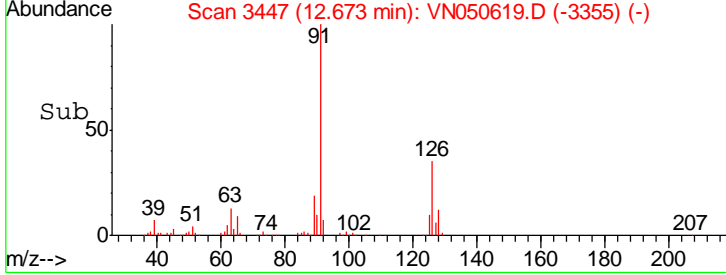
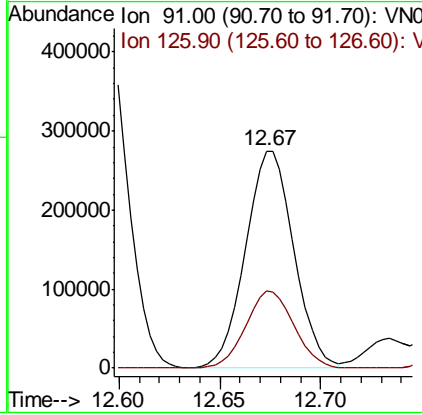
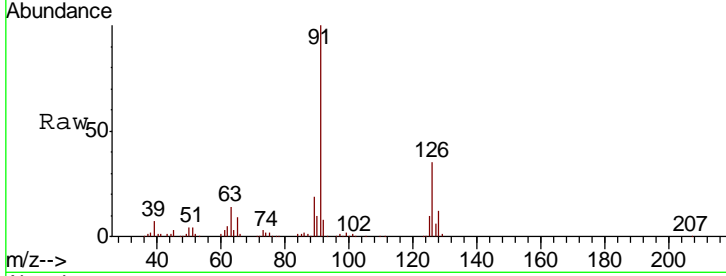


#79
 2-Chlorotoluene
 Concen: 20.46 ug/l
 RT: 12.67 min Scan# 3447
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

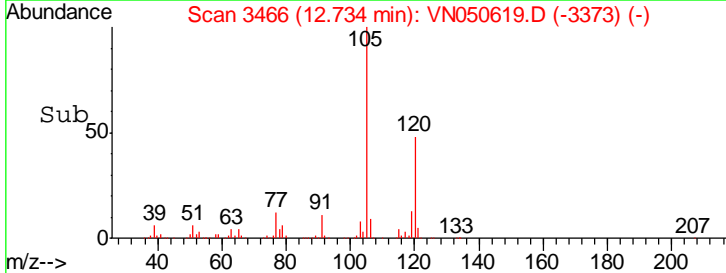
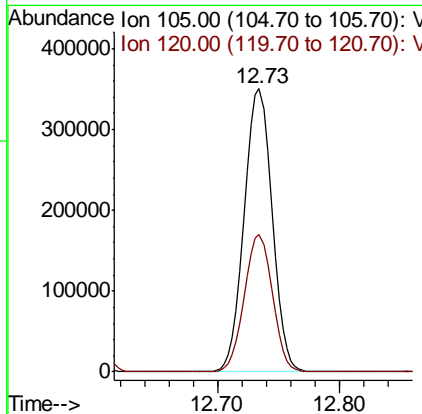
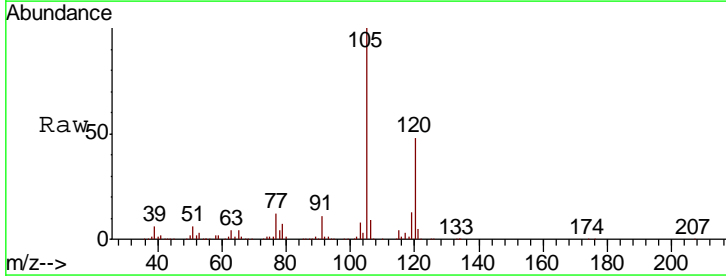
Tgt Ion: 91 Resp: 457834
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.8

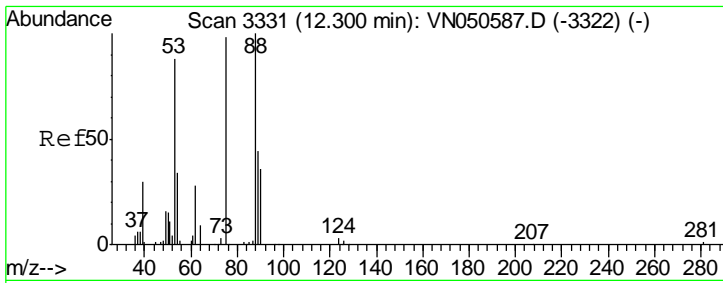
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.38 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion: 105 Resp: 550981
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.7 74.1





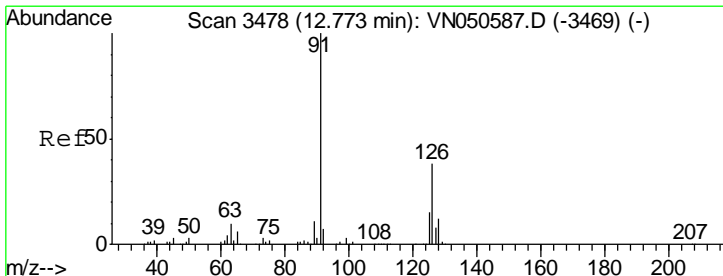
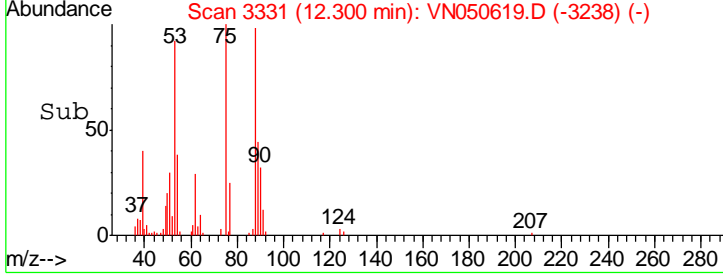
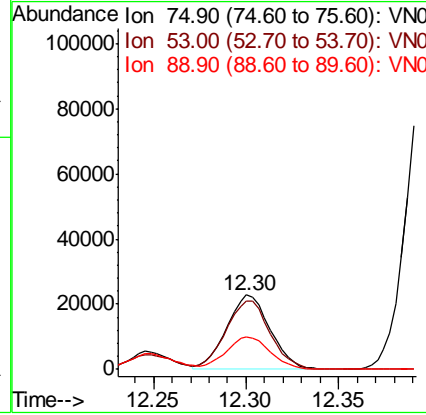
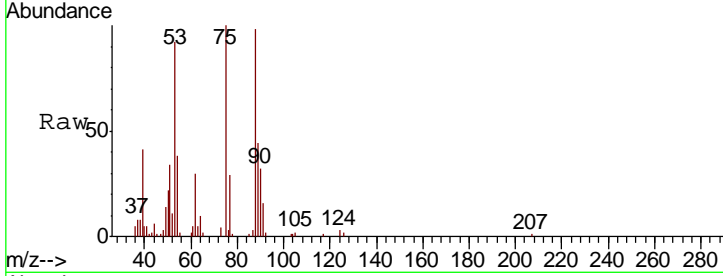
#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.01 ug/l
 RT: 12.30 min Scan# 3331
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
75	37081		
75	100		
53	93.7	72.2	108.2
89	44.3	36.3	54.5

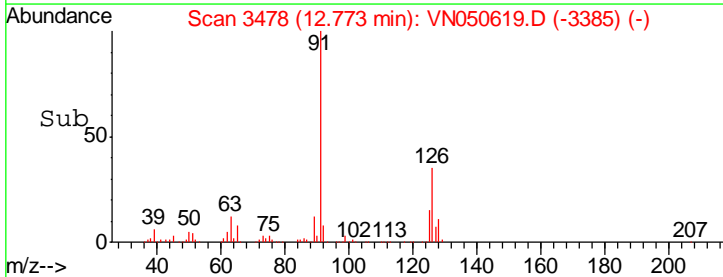
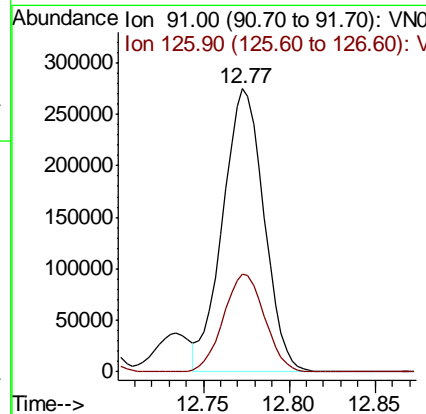
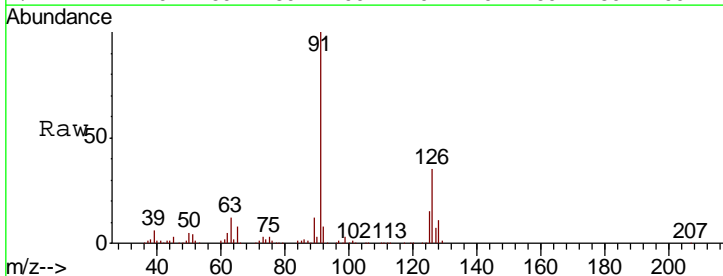
Manual Integrations
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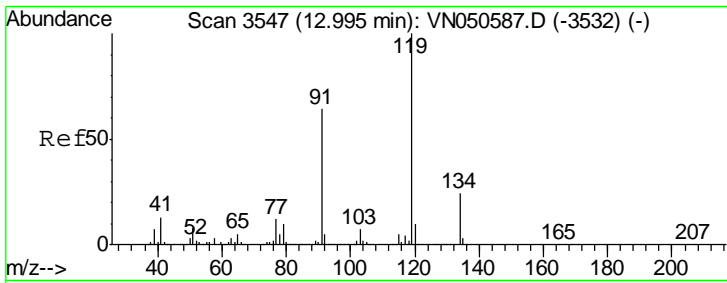
MMDadoda
 8/15/2018 3:32:20 PM



#82
 4-Chlorotoluene
 Concen: 20.82 ug/l
 RT: 12.77 min Scan# 3478
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
91	460304		
91	100		
126	34.5	17.3	52.0





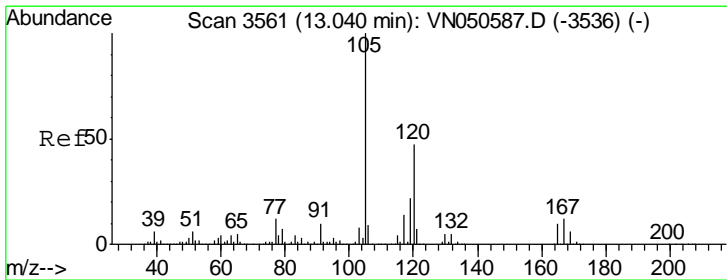
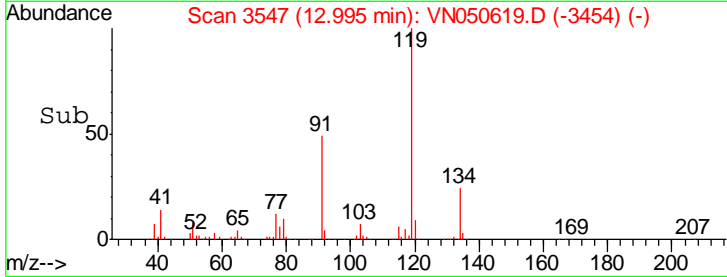
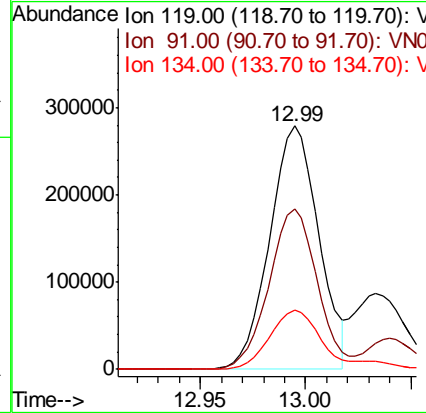
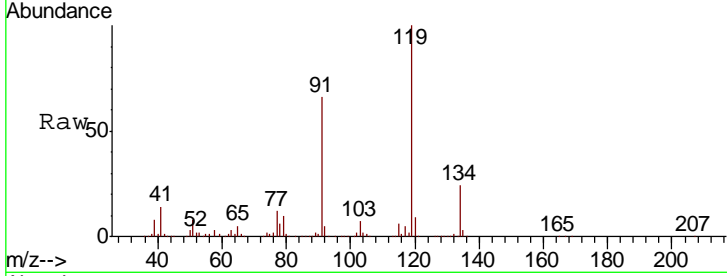
#83
 tert-Butylbenzene
 Concen: 20.21 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

Tgt Ion	Resp	Lower	Upper
119	452013		
91	65.4	32.2	96.6
134	25.0	13.4	40.2

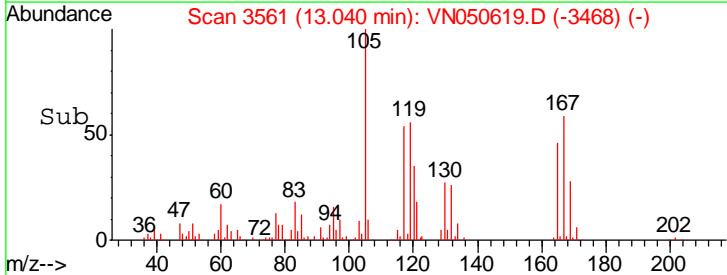
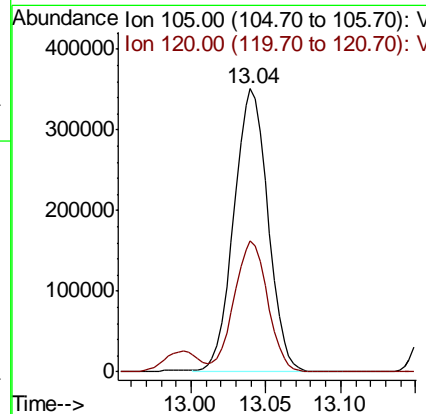
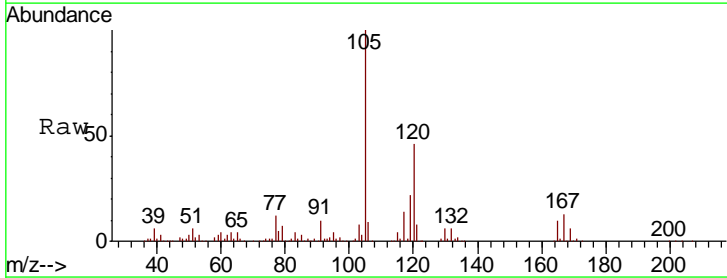
Manual Integrations
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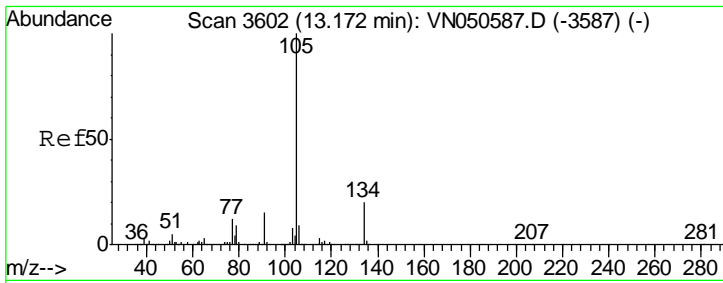
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.48 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
105	555625		
120	45.9	23.2	69.5





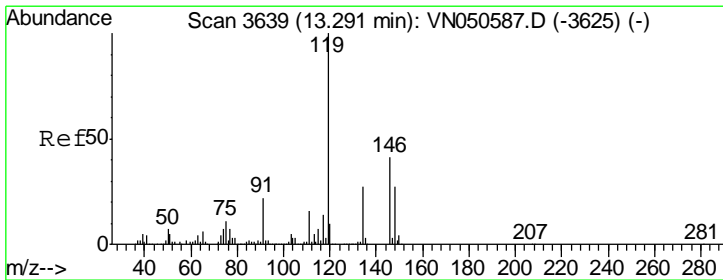
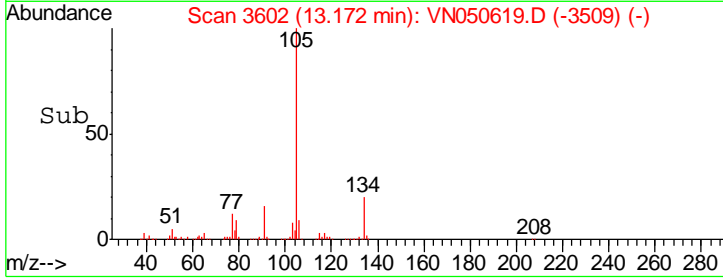
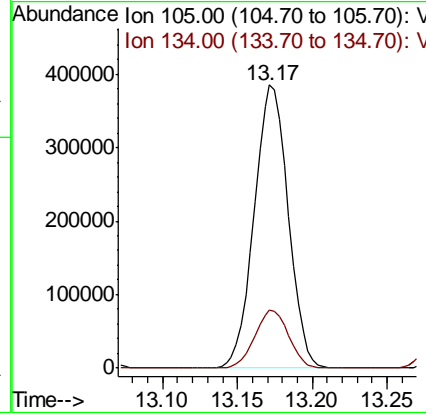
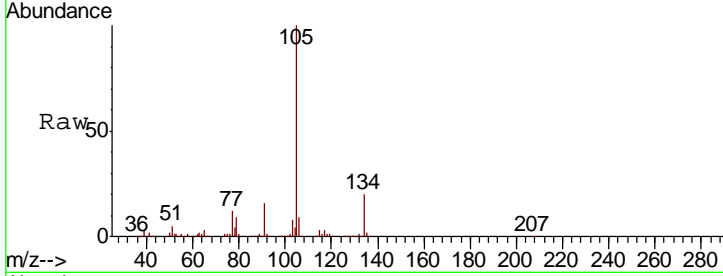
#85
 sec-Butylbenzene
 Concen: 20.78 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 Client Sampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
105	607325		
134	20.5	10.1	30.3

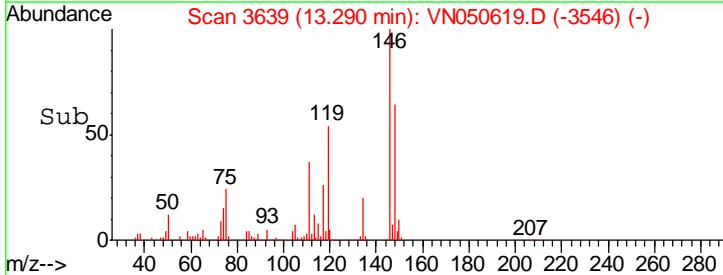
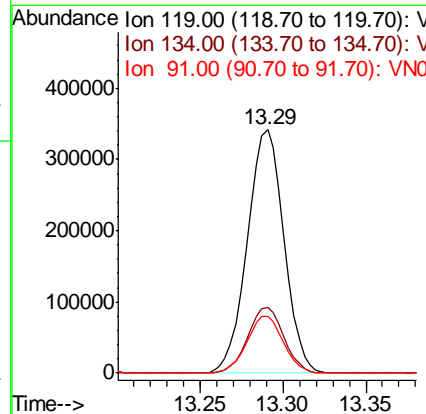
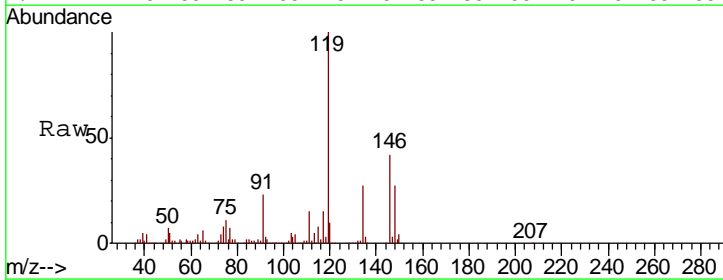
Manual Integrations
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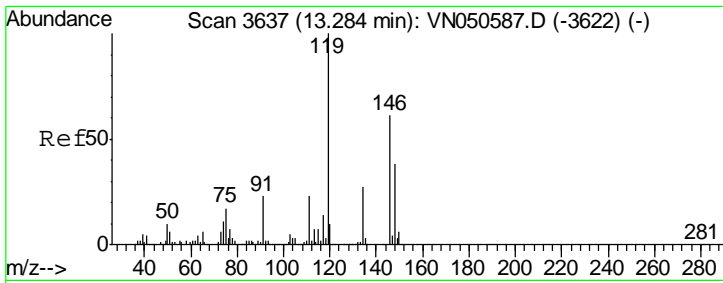
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 8/15/2018 3:32:20 PM



#86
 p-Isopropyltoluene
 Concen: 21.12 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
119	523210		
134	26.7	13.5	40.4
91	23.0	11.2	33.6



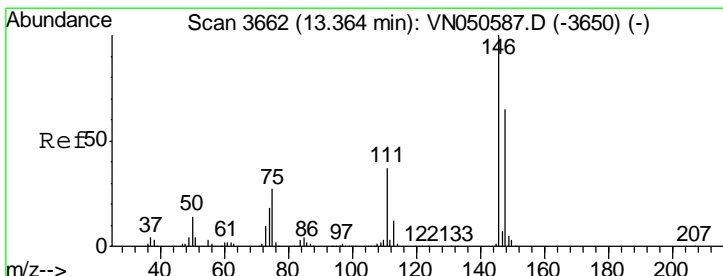
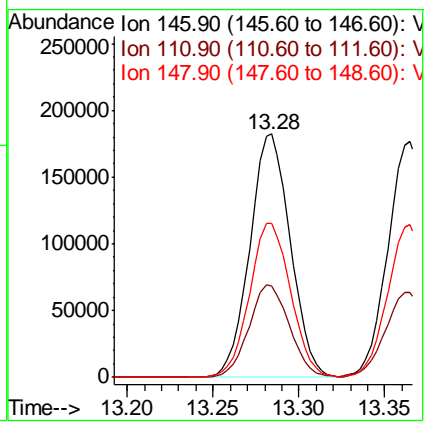
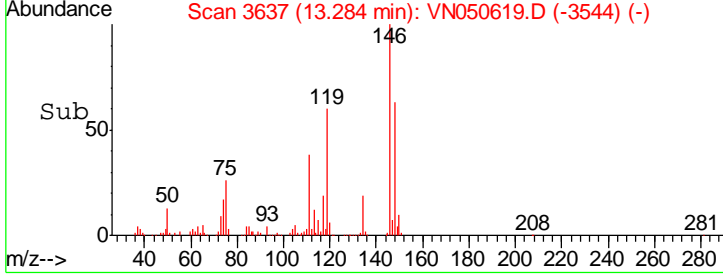
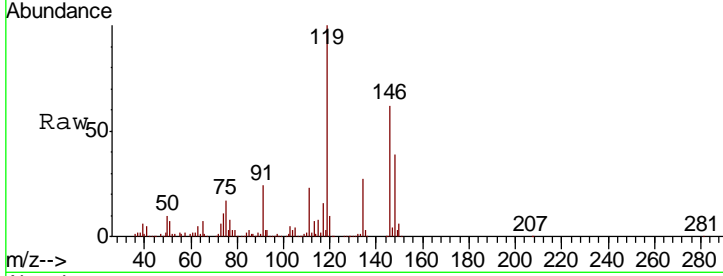


#87
 1,3-Dichlorobenzene
 Concen: 20.01 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

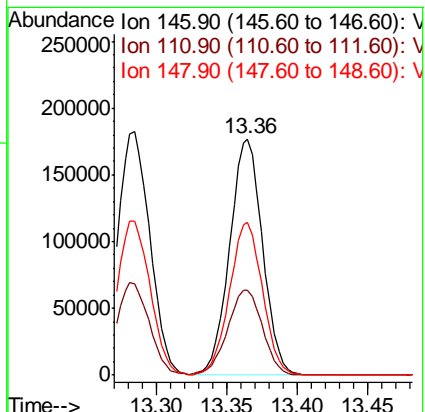
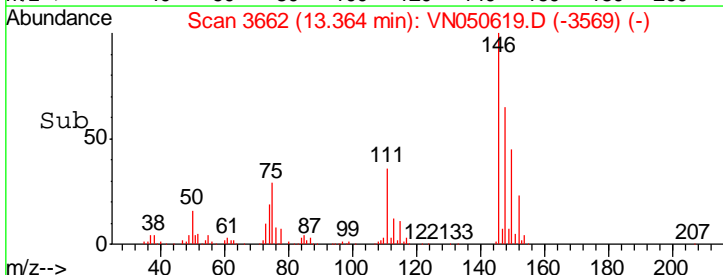
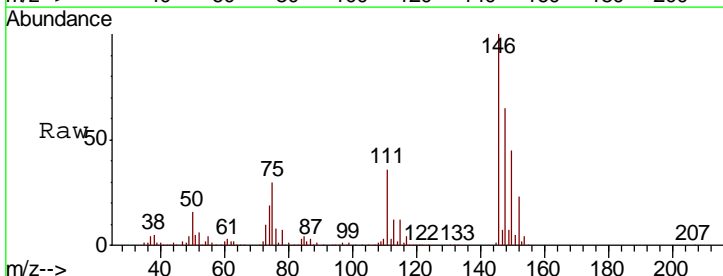
Tgt Ion	Resp	Lower	Upper
146	297625		
146	100		
111	38.1	19.2	57.6
148	64.3	31.9	95.7

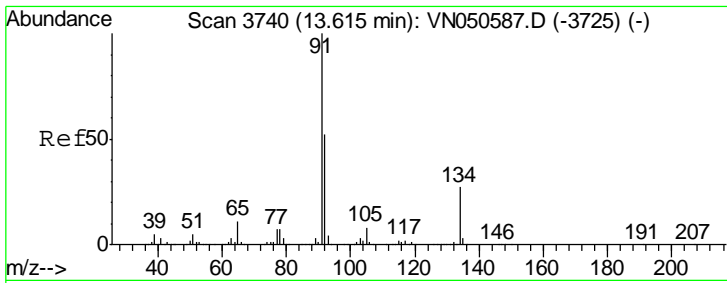
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 19.55 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
146	288605		
146	100		
111	38.2	18.8	56.4
148	64.9	32.3	96.8



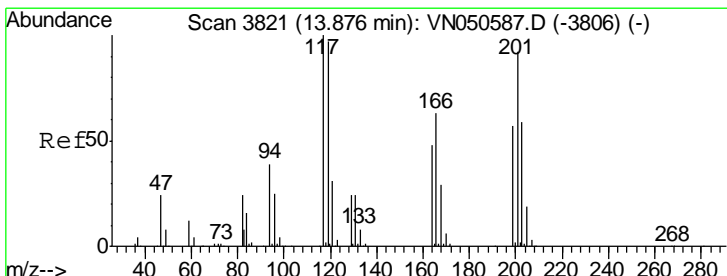
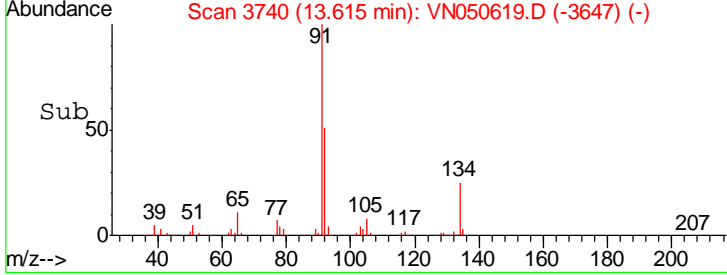
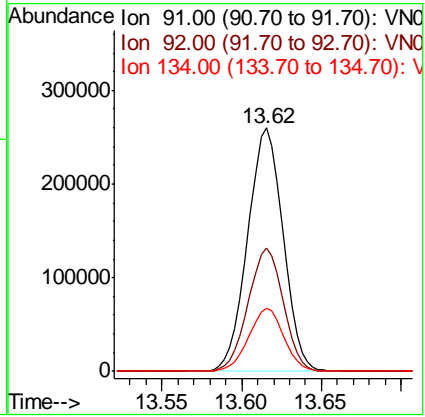
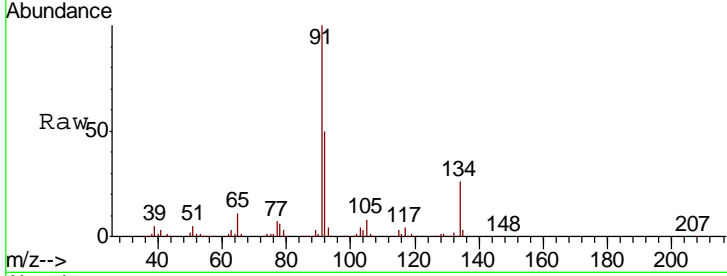


#89
 n-Butylbenzene
 Concen: 19.69 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

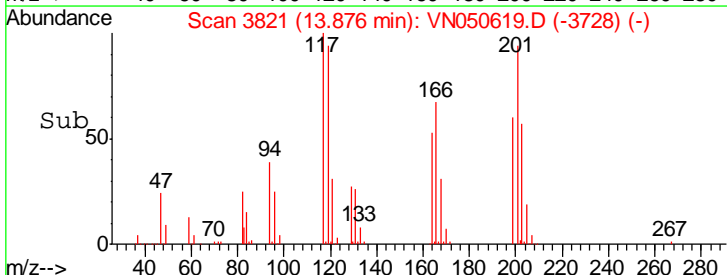
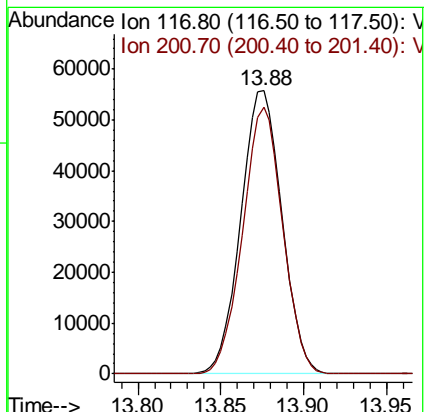
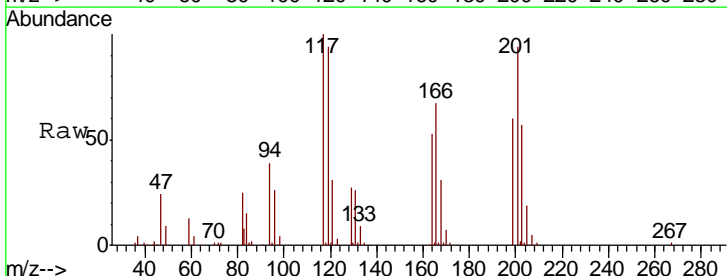
Tgt Ion	Resp	Lower	Upper
91	100		
92	50.2	26.3	78.8
134	25.5	13.3	39.9

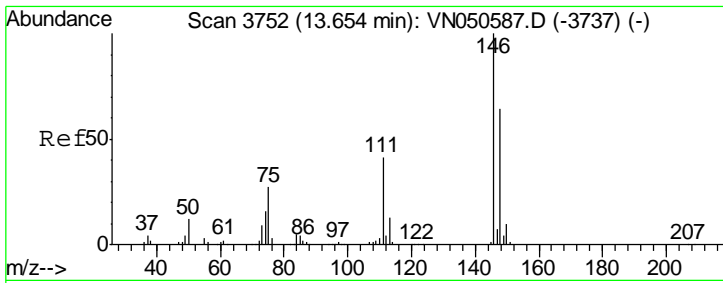
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#90
 Hexachloroethane
 Concen: 19.31 ug/l
 RT: 13.88 min Scan# 3821
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
117	100		
201	91.3	45.5	136.5





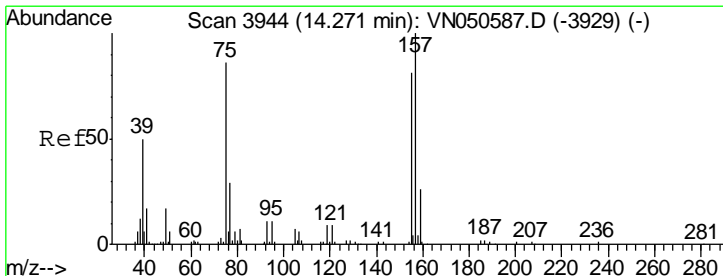
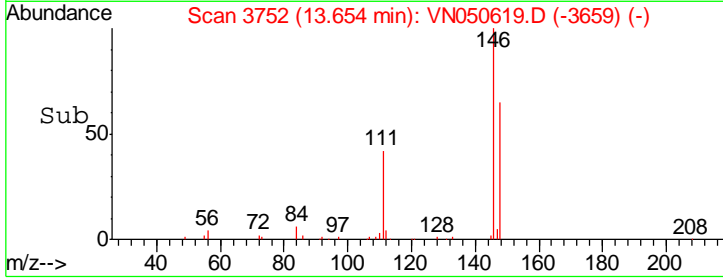
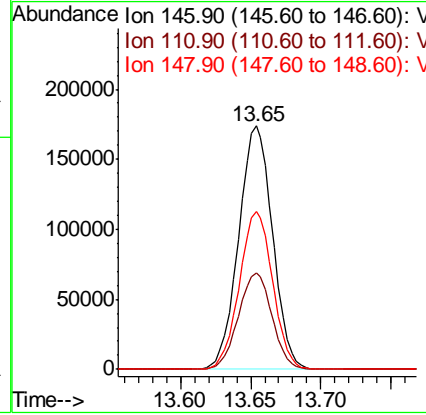
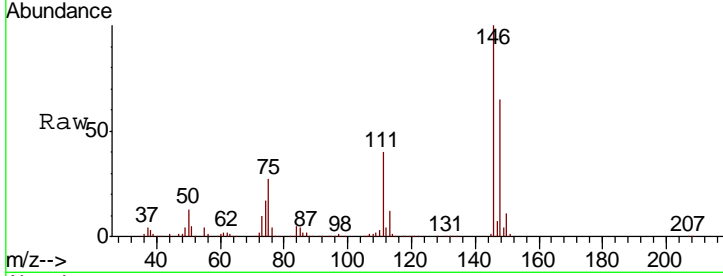
#91
 1,2-Dichlorobenzene
 Concen: 20.12 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	63.8	32.3	96.8

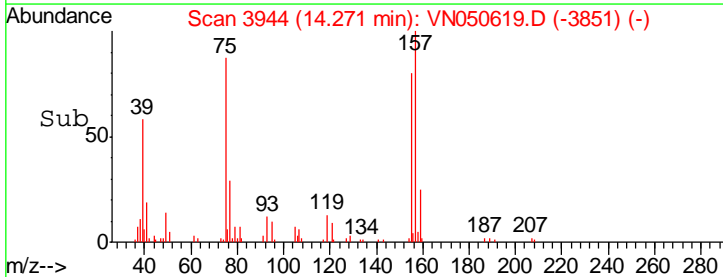
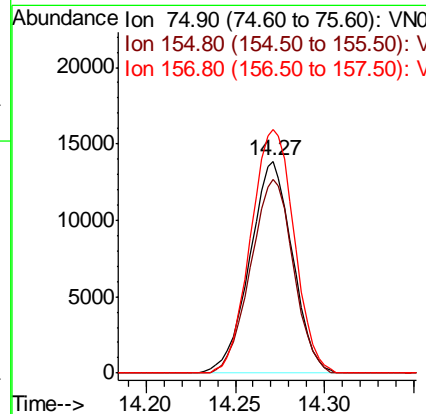
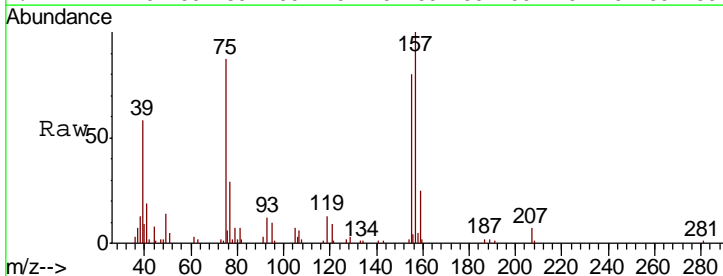
Manual Integrations
 APPROVED

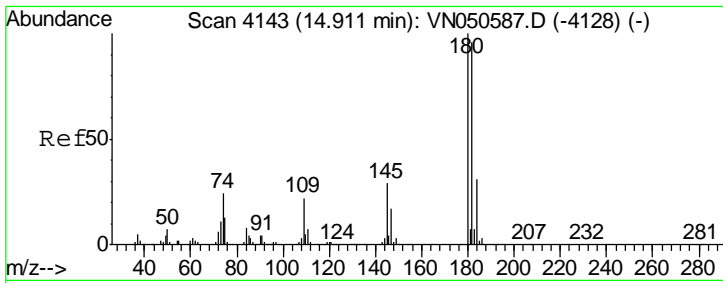
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.23 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
75	100		
155	91.2	46.6	139.8
157	117.2	58.1	174.2





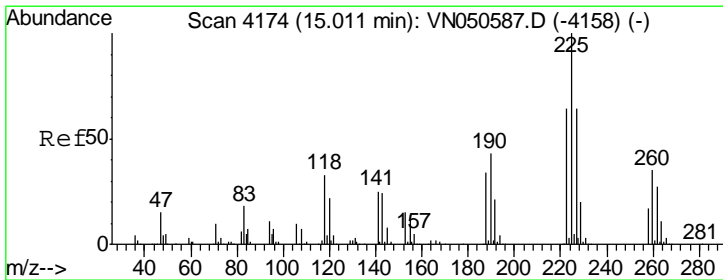
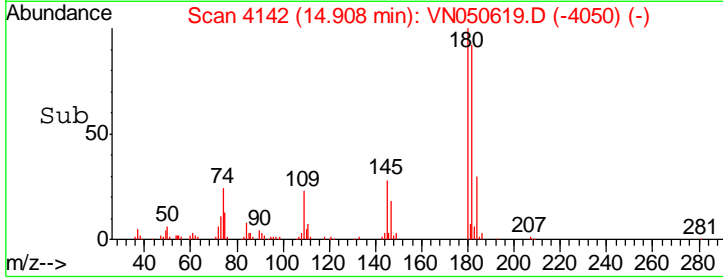
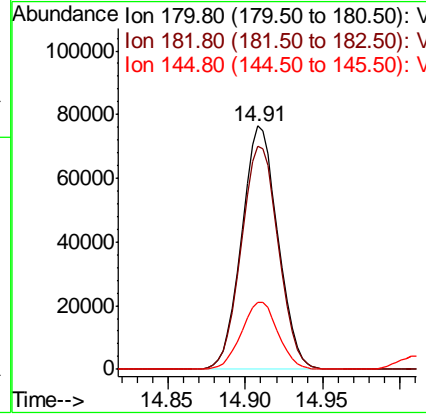
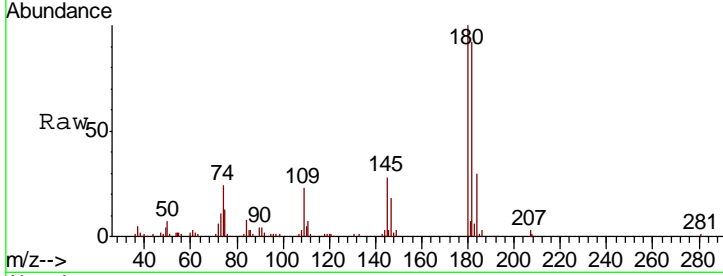
#93
 1,2,4-Trichlorobenzene
 Concen: 18.45 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 ClientSampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
180	124107		
182	94.0	47.9	143.7
145	27.9	14.4	43.4

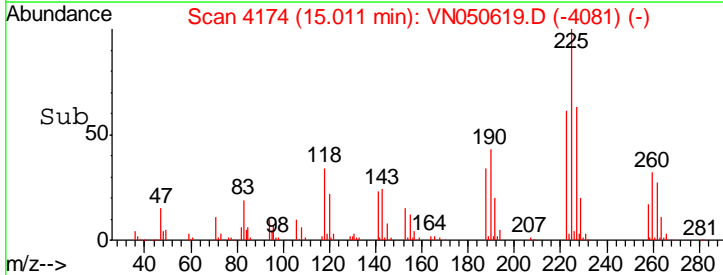
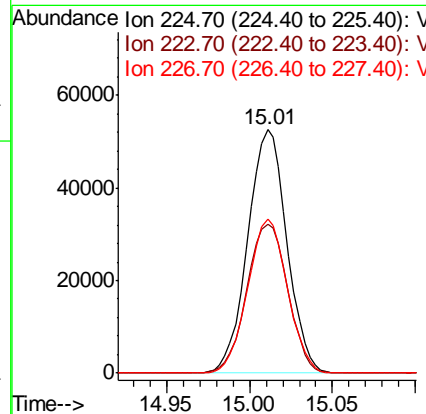
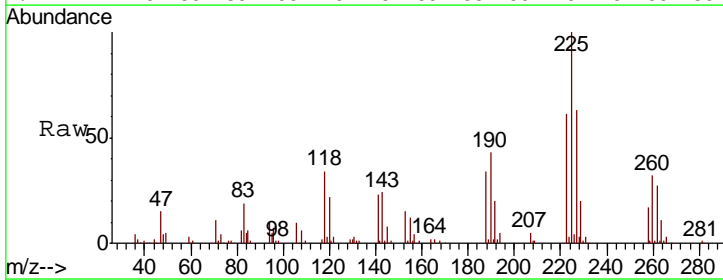
Manual Integrations
 APPROVED

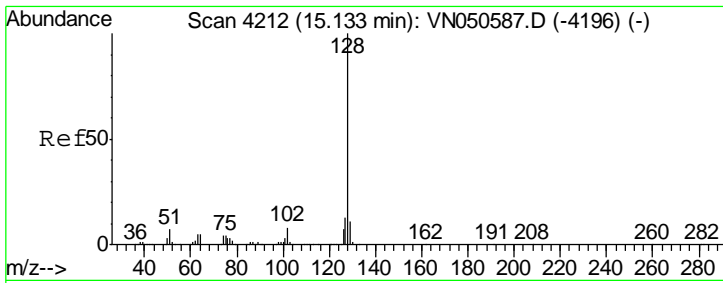
MMDadoda
 8/15/2018 3:32:20 PM



#94
 Hexachlorobutadiene
 Concen: 19.37 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
225	86196		
223	64.0	32.1	96.3
227	63.9	32.0	96.2





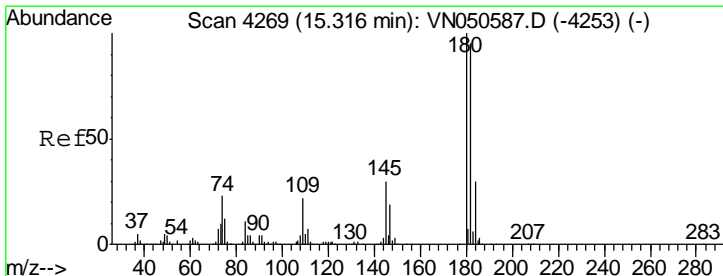
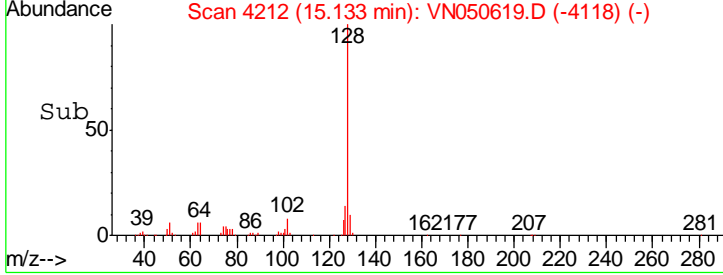
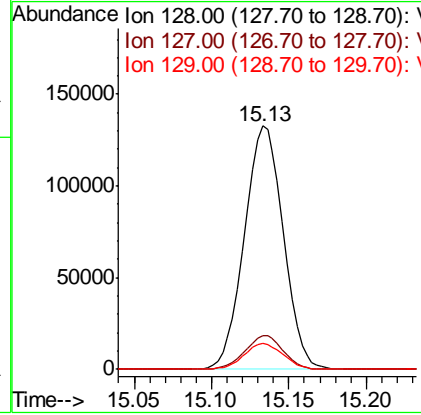
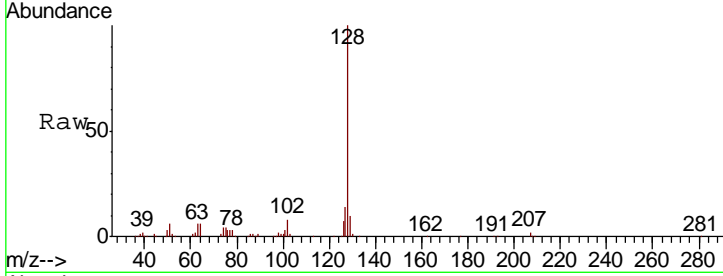
#95
 Naphthalene
 Concen: 17.41 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Instrument : MSVOA_N
 Client Sampled : VN0814WBS02

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.7	8.5	12.7

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 3:32:20 PM



#96
 1,2,3-Trichlorobenzene
 Concen: 18.49 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN050619.D
 Acq: 14 Aug 2018 23:00

Tgt Ion	Resp	Lower	Upper
180	100		
182	97.6	47.3	141.8
145	30.1	14.6	44.0

