

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
 Data File : VN052360.D  
 Acq On : 16 Nov 2018 13:13  
 Operator : MD\SY  
 Sample : VN1116WBS02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 28

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 VN1116WBS02

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 11/19/2018 12:46:05 PM

Quant Time: Nov 16 23:31:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	245322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	415857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	373823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	153269	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
35) Dibromofluoromethane	7.59	113	117253	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
50) Toluene-d8	10.09	98	454317	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	
62) 4-Bromofluorobenzene	12.40	95	147660	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	52335	20.132	ug/l	99
3) Chloromethane	2.06	50	69603	19.267	ug/l	98
4) Vinyl Chloride	2.19	62	58841	18.842	ug/l	98
5) Bromomethane	2.57	94	22223	11.415	ug/l	96
6) Chloroethane	2.71	64	32598	18.462	ug/l	96
7) Trichlorofluoromethane	3.02	101	85337	19.748	ug/l	98
8) Diethyl Ether	3.41	74	29831	18.113	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	51686	18.940	ug/l	97
10) Methyl Iodide	3.96	142	35254	9.621	ug/l	98
11) Tert butyl alcohol	4.77	59	15982	87.342	ug/l	96
12) 1,1-Dichloroethene	3.74	96	46343	18.351	ug/l	96
13) Acrolein	3.61	56	16184	75.303	ug/l	95
14) Allyl chloride	4.33	41	97858	18.872	ug/l	97
15) Acrylonitrile	4.99	53	93354	89.346	ug/l	98
16) Acetone	3.82	43	74889	78.501	ug/l	96
17) Carbon Disulfide	4.06	76	130708	18.050	ug/l	97
18) Methyl Acetate	4.33	43	48024	18.241	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	131290	18.091	ug/l	97
20) Methylene Chloride	4.55	84	57715	19.458	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	50157	18.447	ug/l	99
22) Diisopropyl ether	5.96	45	202062	19.098	ug/l	98
23) Vinyl Acetate	5.90	43	655484	91.329	ug/l	100
24) 1,1-Dichloroethane	5.85	63	107248	18.904	ug/l	99
25) 2-Butanone	6.84	43	114610	85.351	ug/l	96
26) 2,2-Dichloropropane	6.83	77	79826	19.135	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	57099	18.040	ug/l	95
28) Bromochloromethane	7.20	49	52120	17.867	ug/l	98
29) Tetrahydrofuran	7.21	42	77753	88.142	ug/l	99
30) Chloroform	7.37	83	103899	19.217	ug/l	94
31) Cyclohexane	7.66	56	102629	18.822	ug/l	# 96
32) 1,1,1-Trichloroethane	7.57	97	87135	18.919	ug/l	98
36) 1,1-Dichloropropene	7.80	75	79834	19.153	ug/l	99
37) Ethyl Acetate	6.93	43	52031	17.200	ug/l	97
38) Carbon Tetrachloride	7.78	117	74896	19.558	ug/l	99

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 ALS Vial : 11 Sample Multiplier: 28

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 MSVOA\_N  
**ClientSampled :**  
 VN1116WBS02

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Quant Time: Nov 16 23:31:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 15 03:02:37 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	86422	18.163	ug/l	98
40) Benzene	8.04	78	225504	18.938	ug/l	99
41) Methacrylonitrile	7.18	41	35415	23.217	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	83335	19.626	ug/l	100
43) Isopropyl Acetate	8.17	43	100264	17.177	ug/l	99
44) Trichloroethene	8.84	130	55117	18.791	ug/l	97
45) 1,2-Dichloropropane	9.12	63	61761	18.276	ug/l	98
46) Dibromomethane	9.21	93	35966	18.385	ug/l	96
47) Bromodichloromethane	9.40	83	78775	19.623	ug/l	96
48) Methyl methacrylate	9.20	41	51456	17.373	ug/l	99
49) 1,4-Dioxane	9.20	88	9193	404.316	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	266727	90.776	ug/l	100
52) Toluene	10.16	92	137400	19.289	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	75034	18.533	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	88252	19.121	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	47518	18.402	ug/l	97
56) Ethyl methacrylate	10.43	69	61851	18.213	ug/l	96
57) 1,3-Dichloropropane	10.71	76	86457	18.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	192805	99.722	ug/l	99
59) 2-Hexanone	10.75	43	171719	84.966	ug/l	97
60) Dibromochloromethane	10.90	129	51446	18.414	ug/l	98
61) 1,2-Dibromoethane	11.00	107	47602	18.506	ug/l	98
64) Tetrachloroethene	10.63	164	55890	21.030	ug/l	94
65) Chlorobenzene	11.43	112	146745	18.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	52331	19.421	ug/l	99
67) Ethyl Benzene	11.51	91	263168	19.189	ug/l	98
68) m/p-Xylenes	11.62	106	194871	38.890	ug/l	100
69) o-Xylene	11.95	106	92207	19.197	ug/l	98
70) Styrene	11.96	104	150939	19.625	ug/l	99
71) Bromoform	12.13	173	28313	17.797	ug/l #	99
73) Isopropylbenzene	12.25	105	251703	19.072	ug/l	99
74) N-amyl acetate	12.07	43	84419	17.959	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	56953	17.851	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	51943m	18.649	ug/l	
77) Bromobenzene	12.53	156	58133	18.931	ug/l	99
78) n-propylbenzene	12.59	91	298488	19.338	ug/l	99
79) 2-Chlorotoluene	12.67	91	172365	19.116	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	207273	19.749	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	13475	15.691	ug/l	86
82) 4-Chlorotoluene	12.77	91	172842	18.710	ug/l	99
83) tert-Butylbenzene	12.99	119	178568	19.272	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	205751	19.528	ug/l	98
85) sec-Butylbenzene	13.17	105	248881	19.718	ug/l	99
86) p-Isopropyltoluene	13.29	119	209152	19.562	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	102941	18.875	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	100717	18.575	ug/l	97
89) n-Butylbenzene	13.61	91	182250	19.846	ug/l	99
90) Hexachloroethane	13.87	117	36211	19.121	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	100386	18.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8792	18.688	ug/l	92

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Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1116WBS02

Manual Integrations  
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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)
93) 1,2,4-Trichlorobenzene	14.91	180	43903	19.308	ug/l	98
94) Hexachlorobutadiene	15.01	225	24624	20.361	ug/l	98
95) Naphthalene	15.13	128	92048	17.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	39806	19.826	ug/l	99

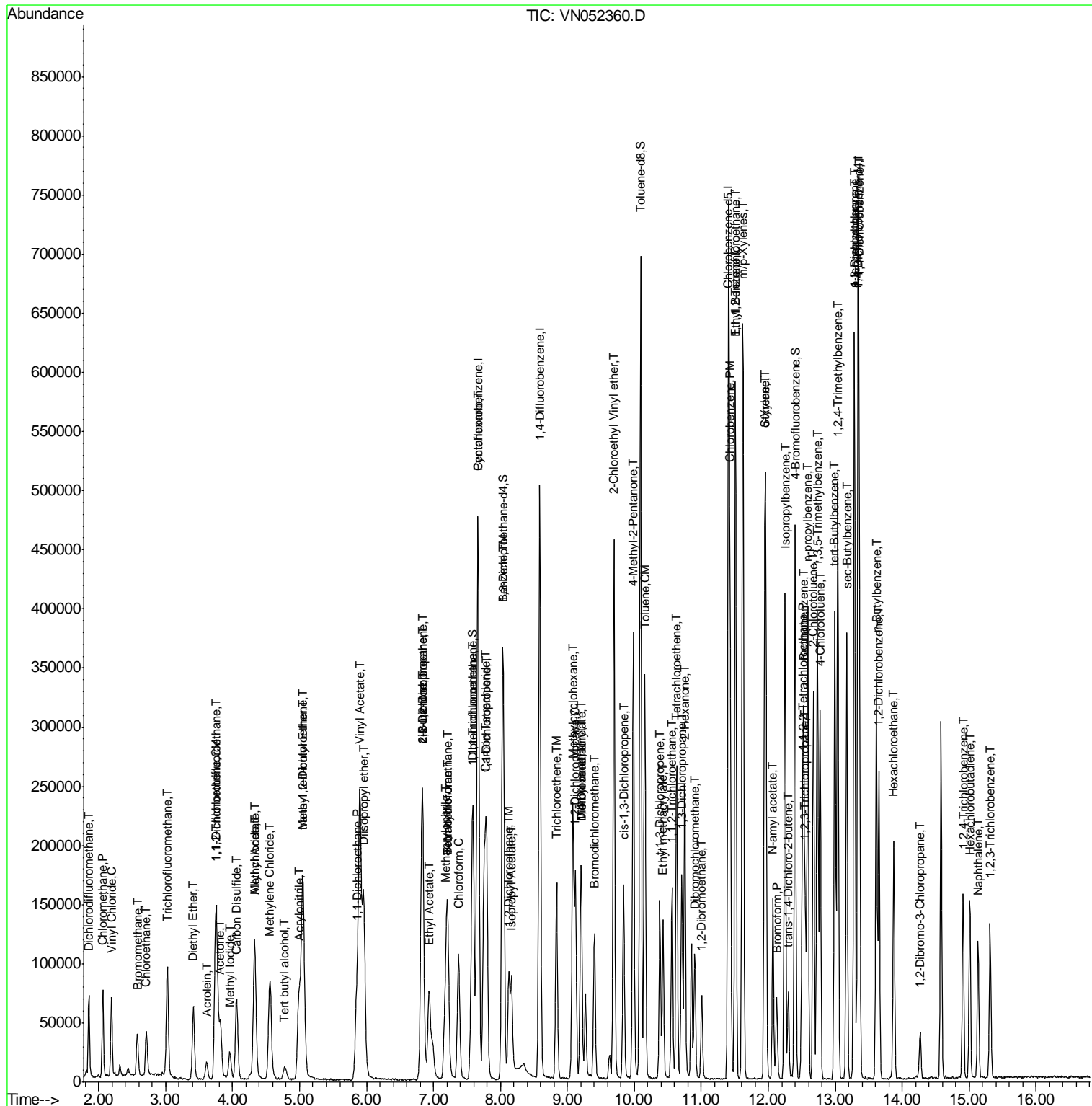
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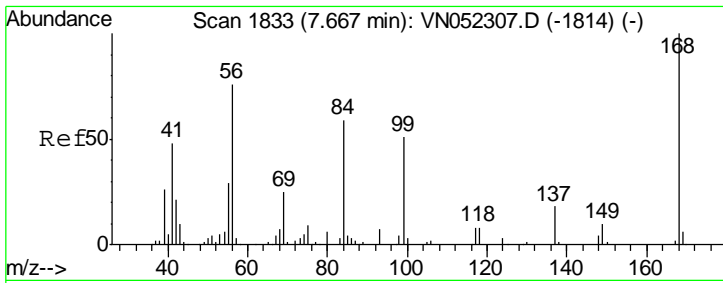
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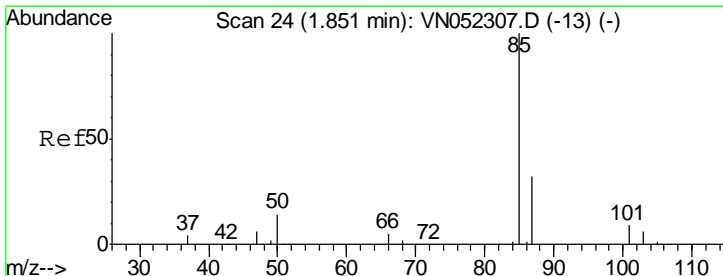
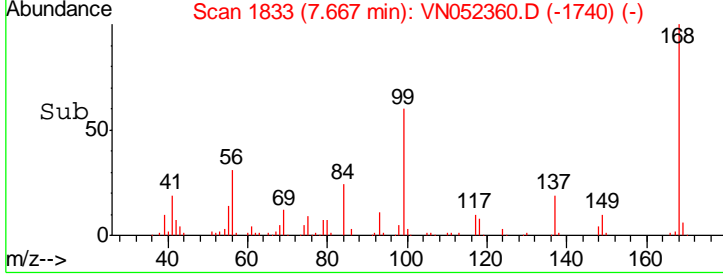
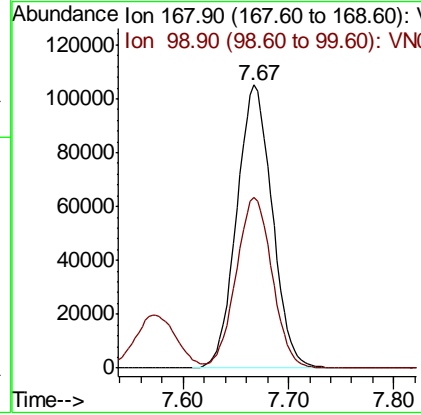
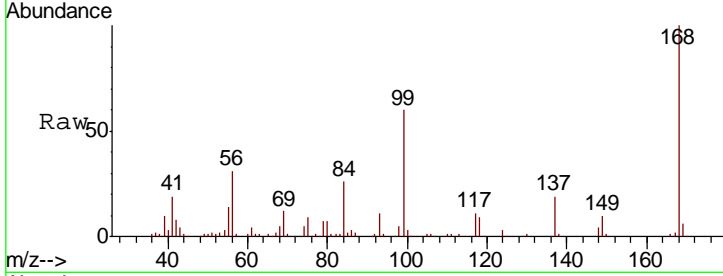
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
168	100		
99	60.0	47.9	71.9

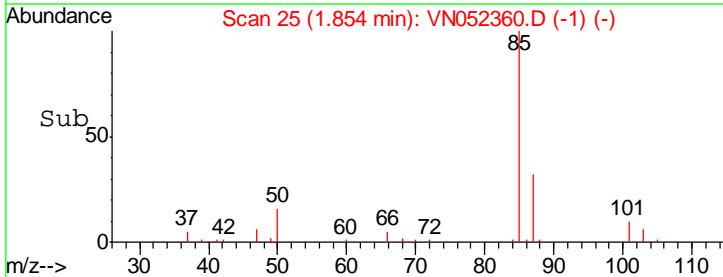
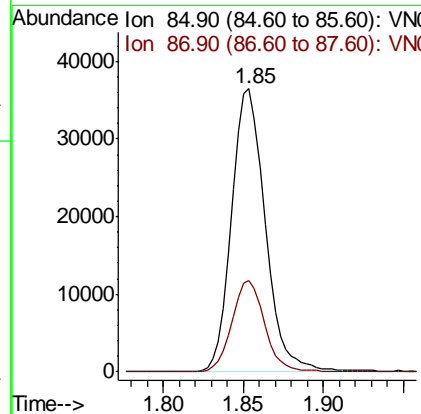
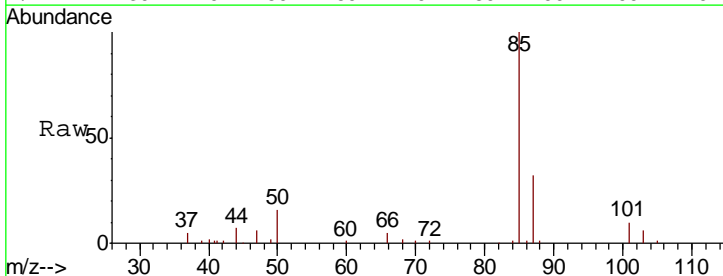
Manual Integrations  
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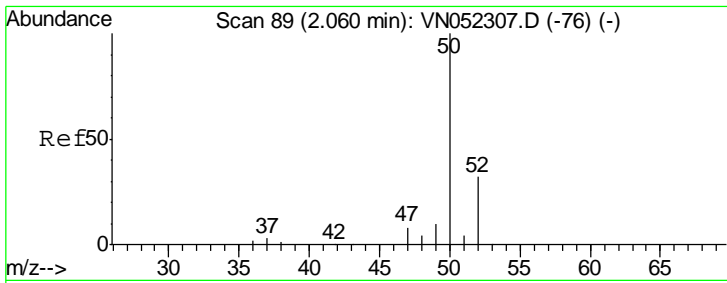
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#2  
 Dichlorodifluoromethane  
 Concen: 20.132 ug/l  
 RT: 1.85 min Scan# 25  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.2	15.9	47.6



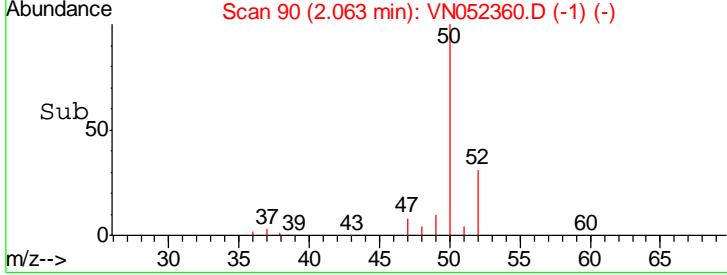
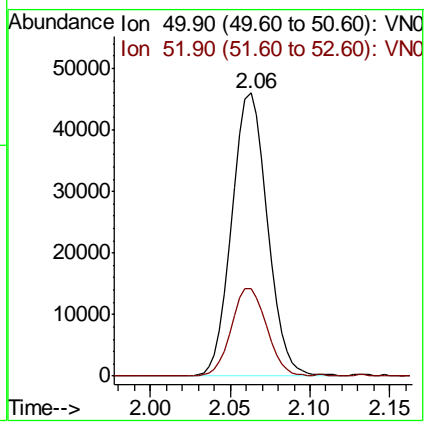
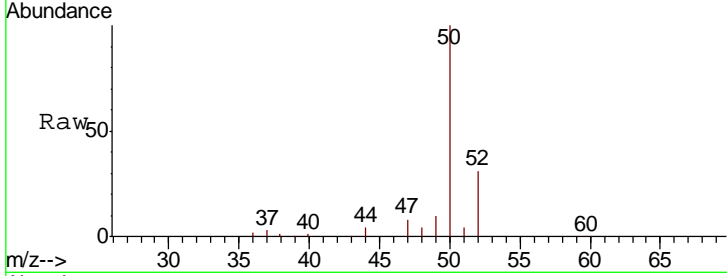


#3  
 Chloromethane  
 Concen: 19.267 ug/l  
 RT: 2.06 min Scan# 90  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

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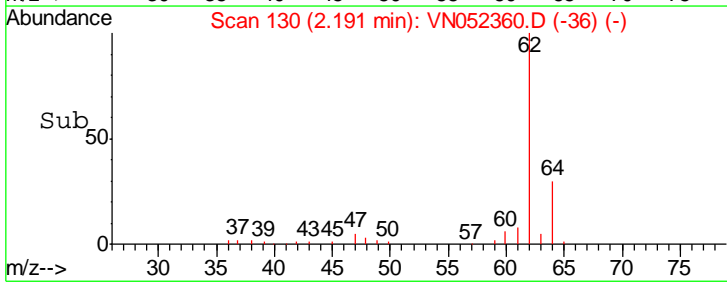
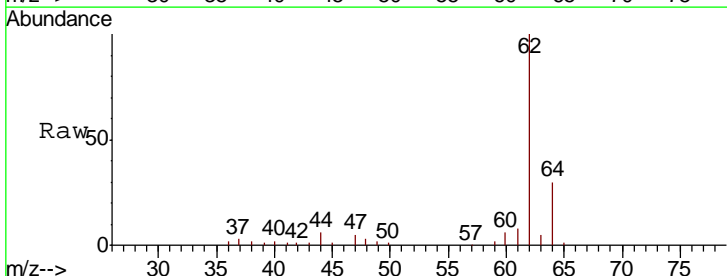
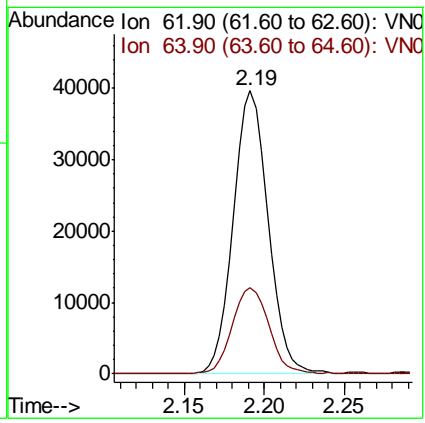
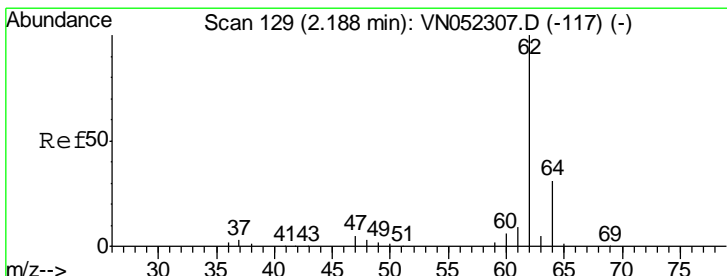
Tgt Ion	Resp	Lower	Upper
50	69603		
52	30.7	25.5	38.3

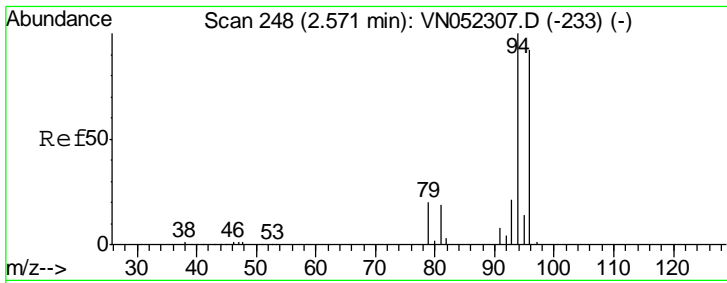
**Manual Integrations**  
**APPROVED**  
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 11/19/2018 12:46:05 PM



#4  
 Vinyl Chloride  
 Concen: 18.842 ug/l  
 RT: 2.19 min Scan# 130  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
62	58841		
64	30.3	25.2	37.8



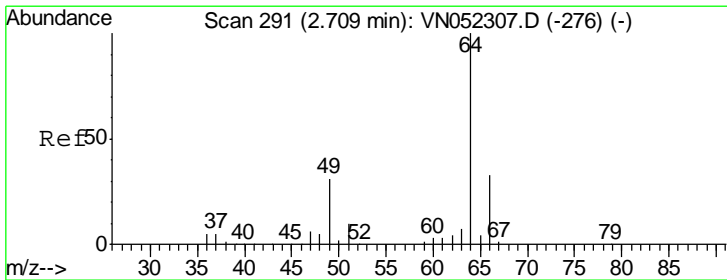
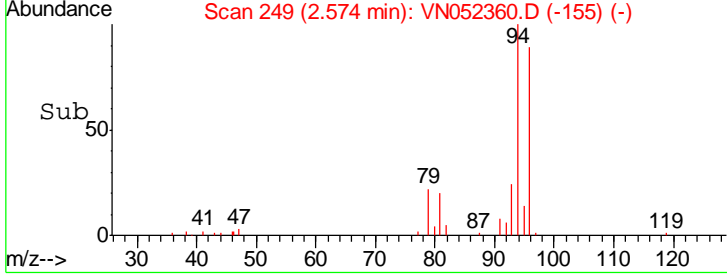
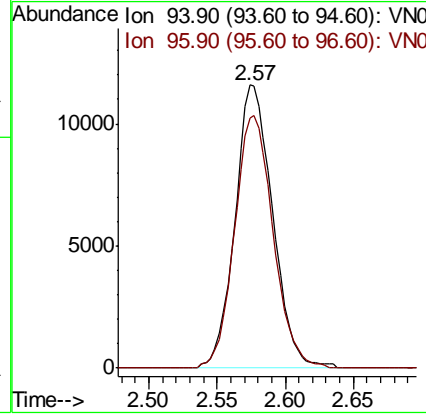
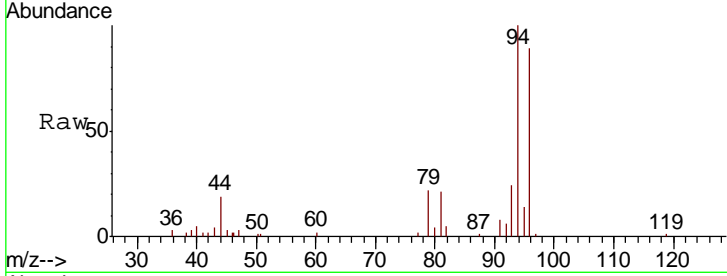


#5  
 Bromomethane  
 Concen: 11.415 ug/l  
 RT: 2.57 min Scan# 249  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
94	100		
96	88.6	73.6	110.4

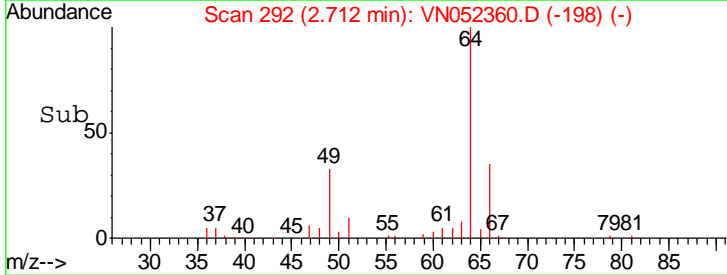
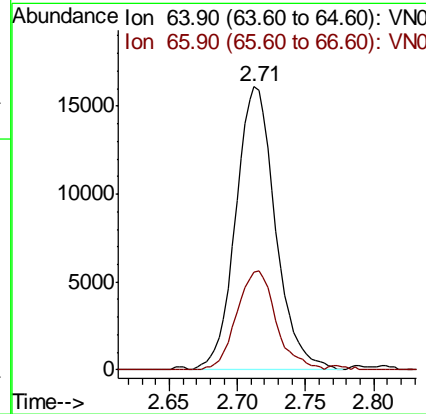
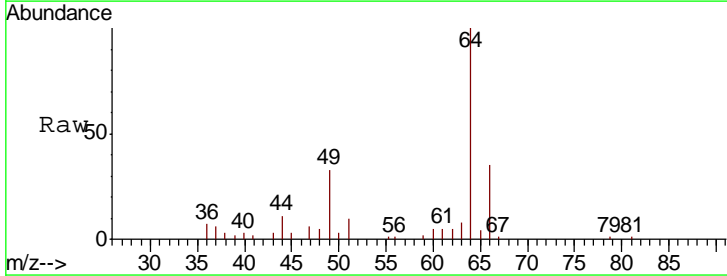
Instrument : MSVOA\_N  
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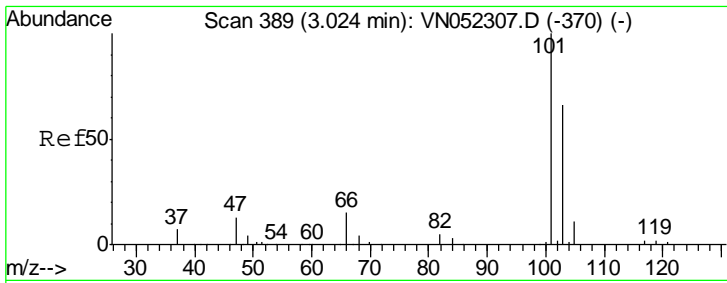
Manual Integrations APPROVED  
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 11/19/2018 12:46:05 PM



#6  
 Chloroethane  
 Concen: 18.462 ug/l  
 RT: 2.71 min Scan# 292  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
64	100		
66	34.7	26.2	39.2



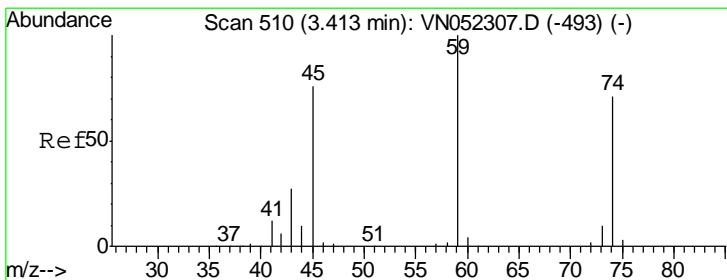
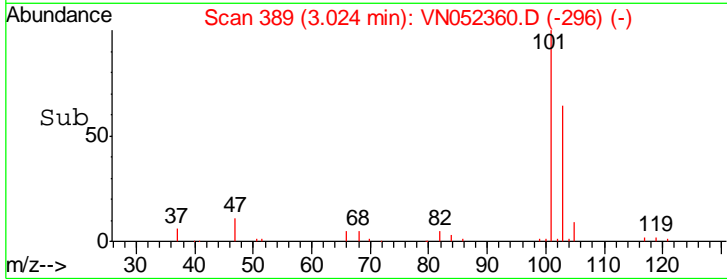
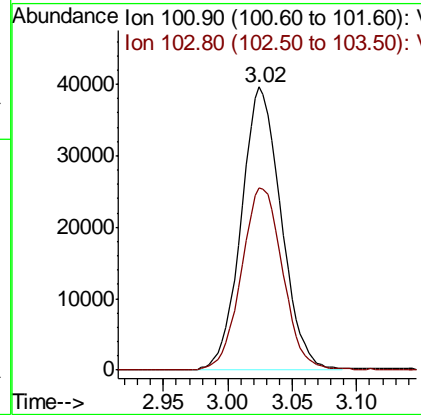
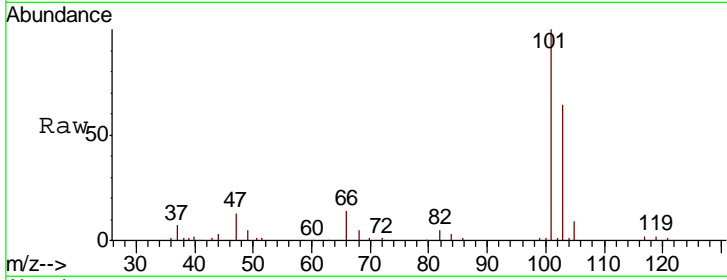


#7  
 Trichlorofluoromethane  
 Concen: 19.748 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
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 ClientSampled :  
 VN1116WBS02

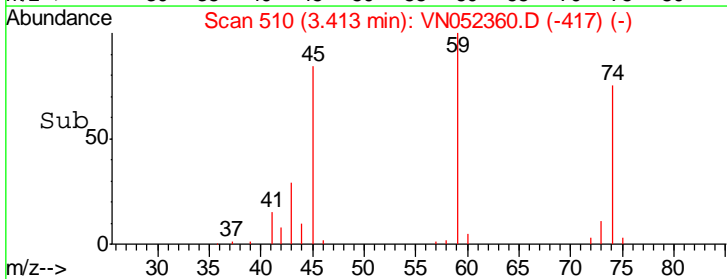
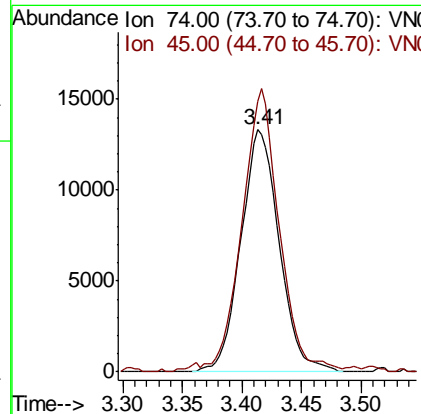
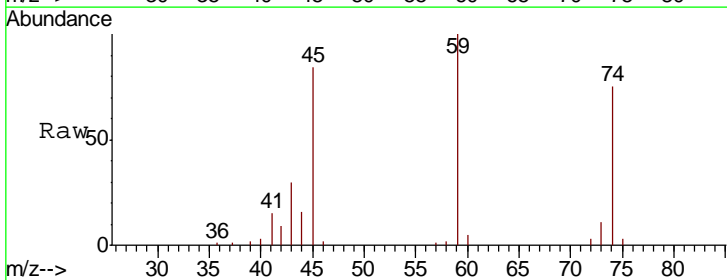
Tgt Ion	Resp	Lower	Upper
101	85337		
103	64.3	52.8	79.2

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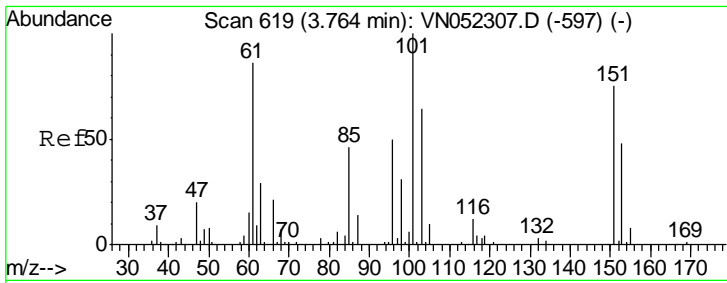


#8  
 Diethyl Ether  
 Concen: 18.113 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
74	29831		
45	108.3	54.3	162.9







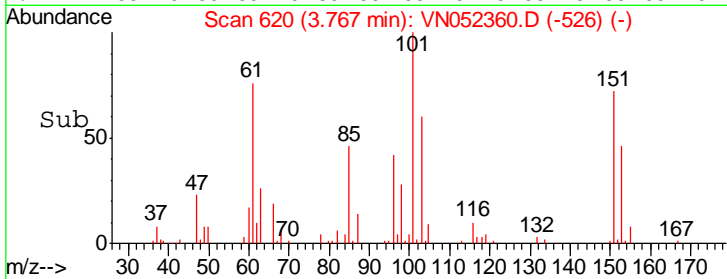
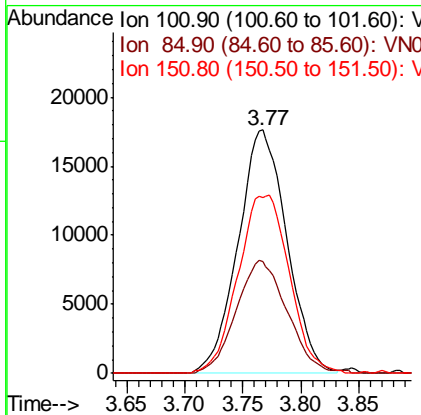
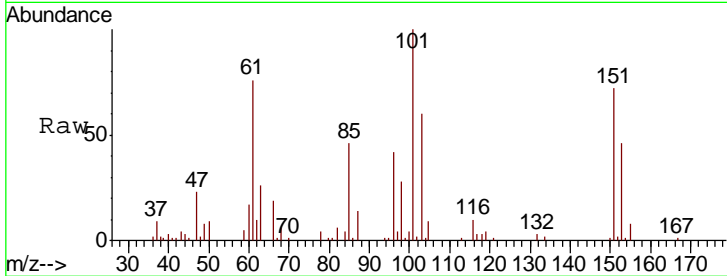
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.940 ug/l  
 RT: 3.77 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
101	51686		
101	100		
85	48.1	37.4	56.0
151	76.7	58.6	88.0

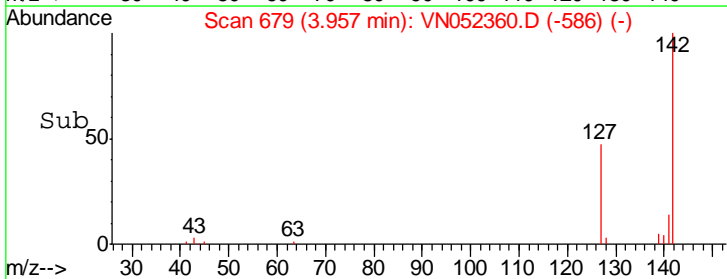
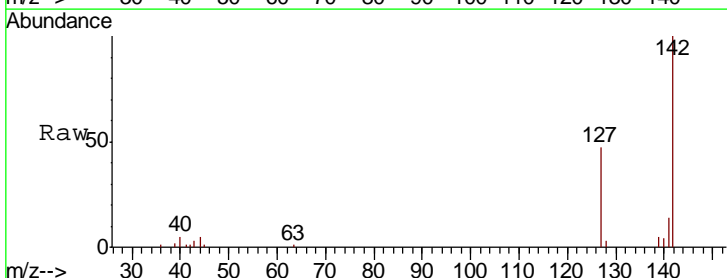
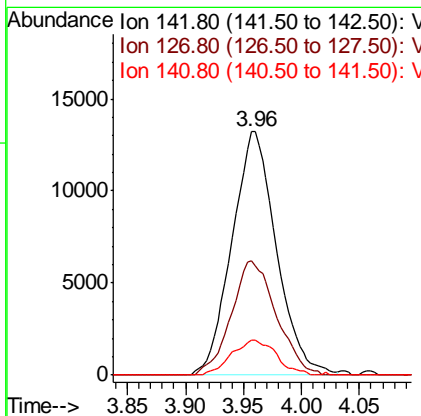
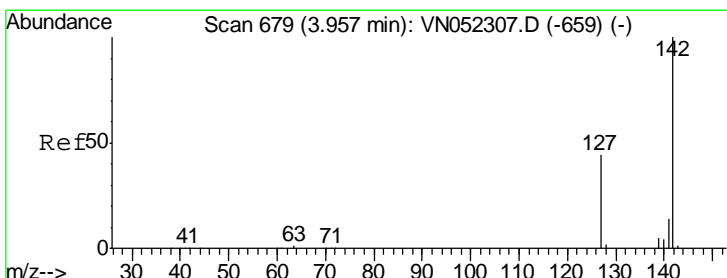
**Manual Integrations**  
**APPROVED**

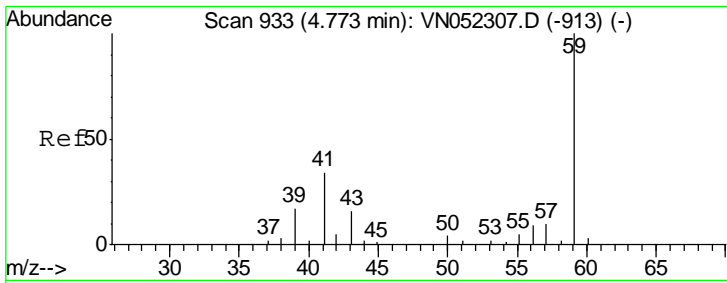
MMDadoda  
 11/19/2018 12:46:05 PM



#10  
 Methyl Iodide  
 Concen: 9.621 ug/l  
 RT: 3.96 min Scan# 679  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
142	35254		
142	100		
127	47.4	36.3	54.5
141	14.4	11.4	17.2



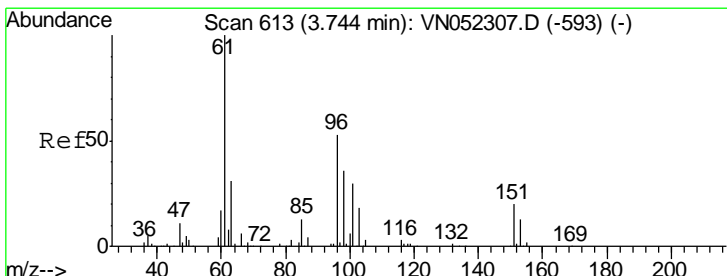
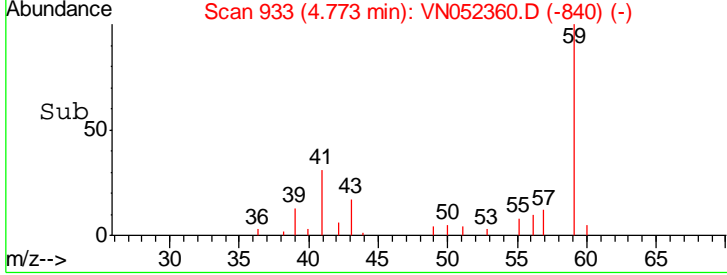
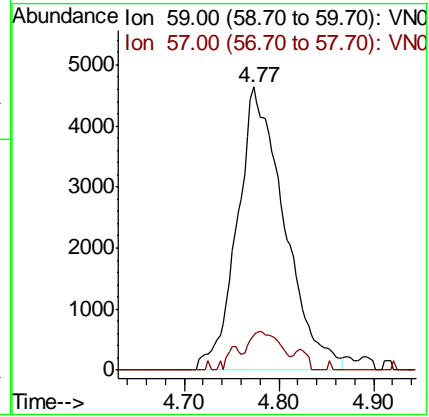
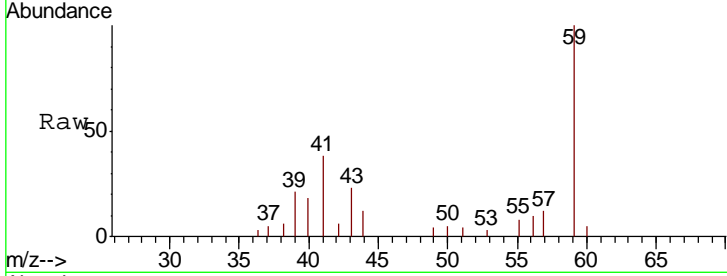


#11  
 Tert butyl alcohol  
 Concen: 87.342 ug/l  
 RT: 4.77 min Scan# 933  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

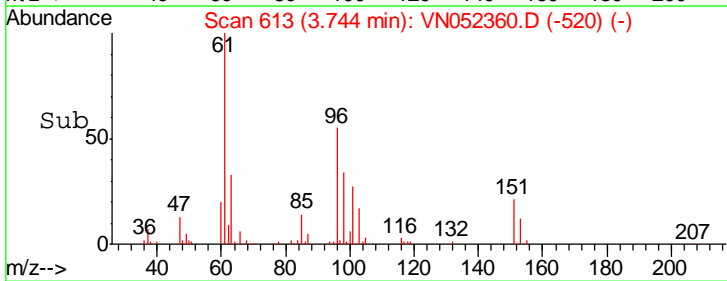
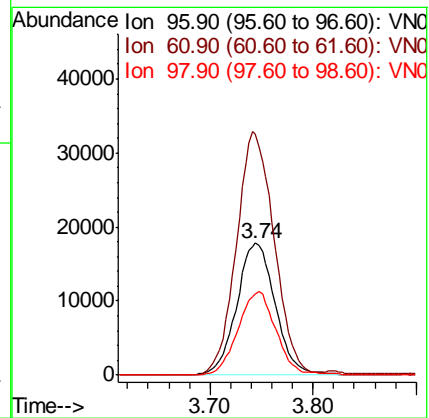
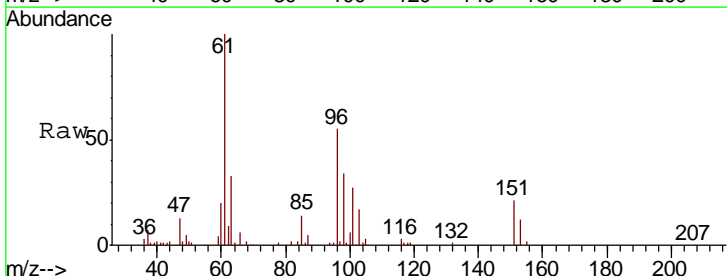
Tgt Ion	Resp	Lower	Upper
59	15982		
59	100		
57	9.1	8.5	12.7

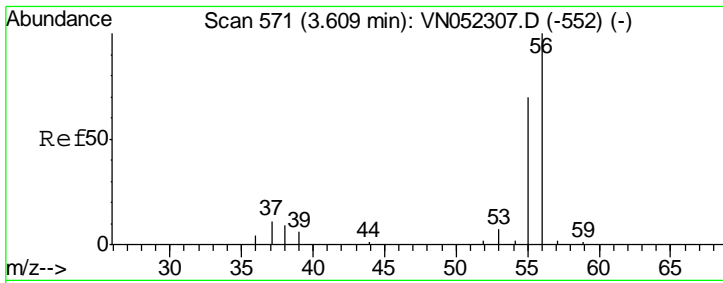
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#12  
 1,1-Dichloroethene  
 Concen: 18.351 ug/l  
 RT: 3.74 min Scan# 613  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
96	46343		
96	100		
61	183.3	149.6	224.4
98	61.8	54.2	81.2





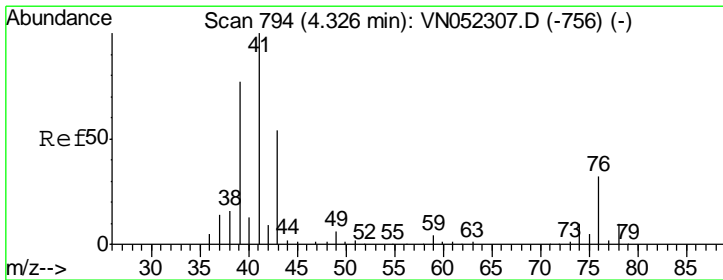
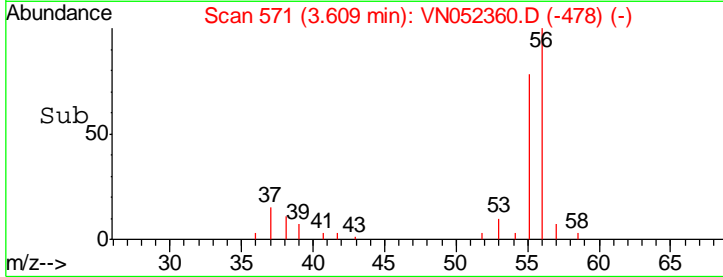
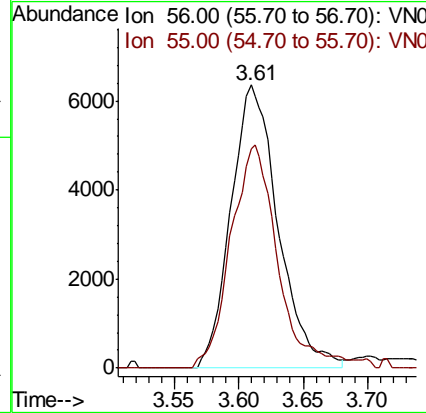
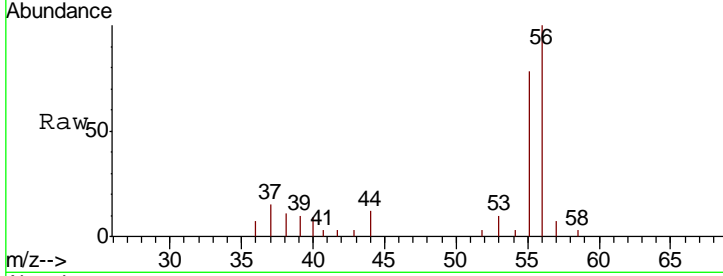
#13  
 Acrolein  
 Concen: 75.303 ug/l  
 RT: 3.61 min Scan# 571  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
56	16184		
55	76.3	57.6	86.4

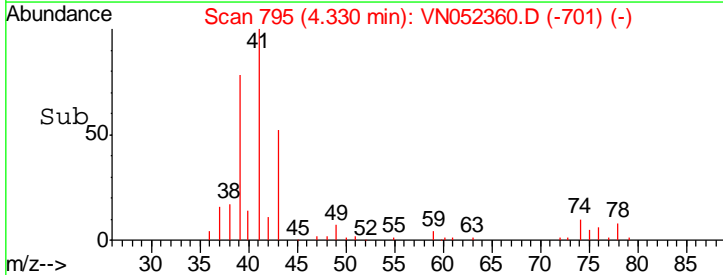
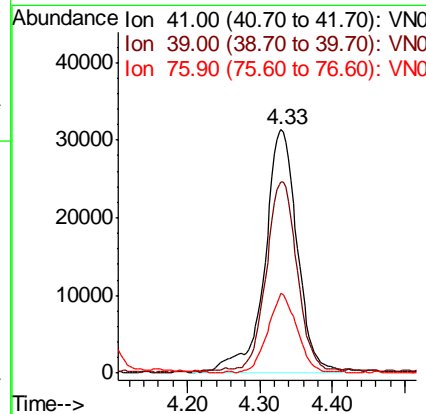
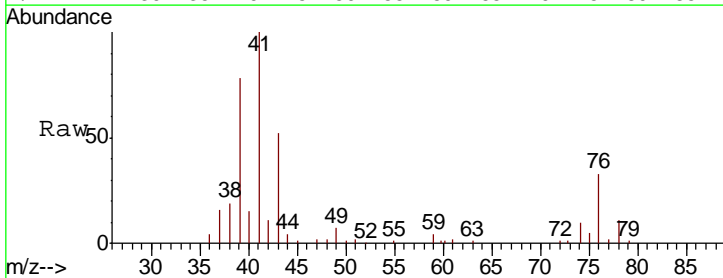
Manual Integrations  
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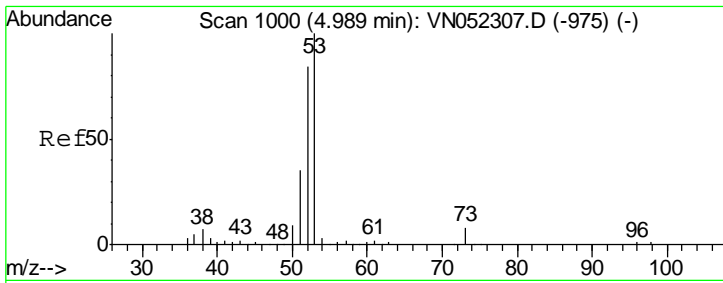
MMDadoda  
 11/19/2018 12:46:05 PM



#14  
 Allyl chloride  
 Concen: 18.872 ug/l  
 RT: 4.33 min Scan# 795  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
41	97858		
39	70.6	59.1	88.7
76	29.4	24.1	36.1





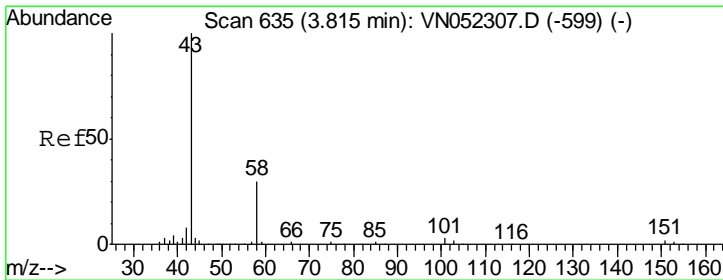
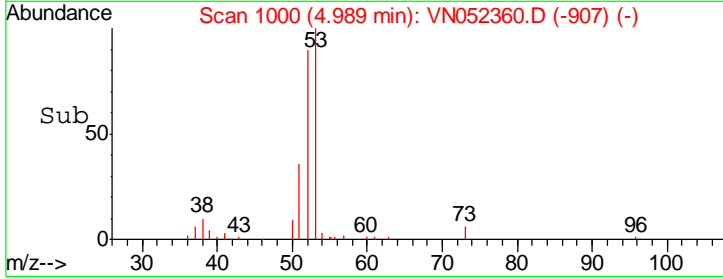
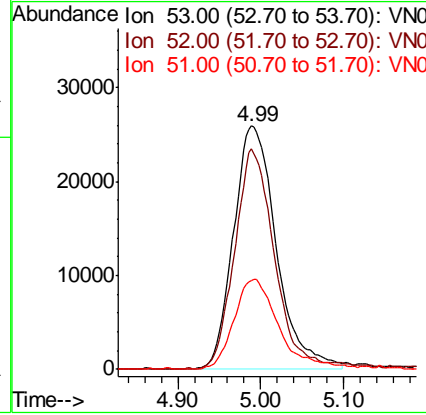
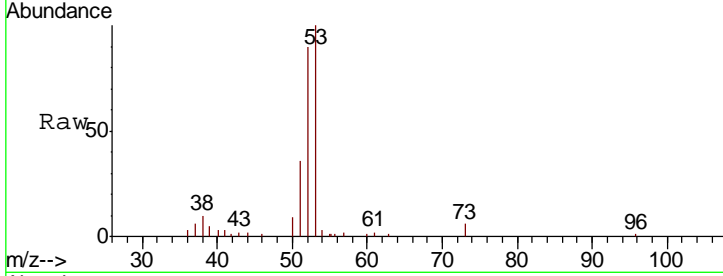
#15  
 Acrylonitrile  
 Concen: 89.346 ug/l  
 RT: 4.99 min Scan# 1000  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
53	100		
52	83.3	67.5	101.3
51	38.8	29.9	44.9

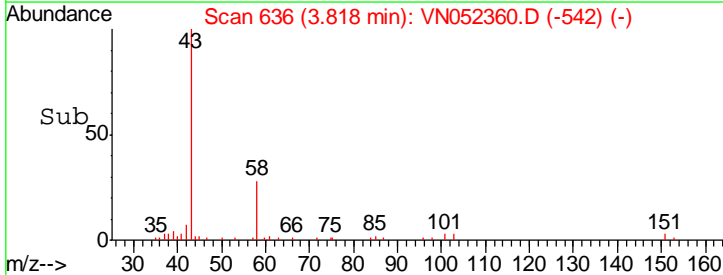
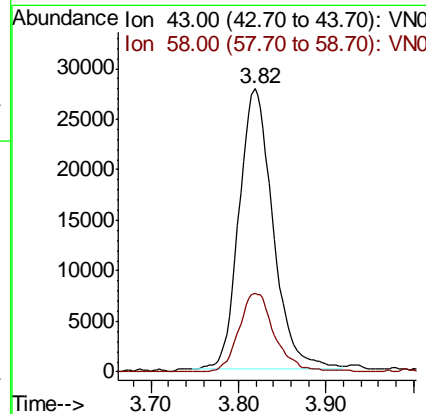
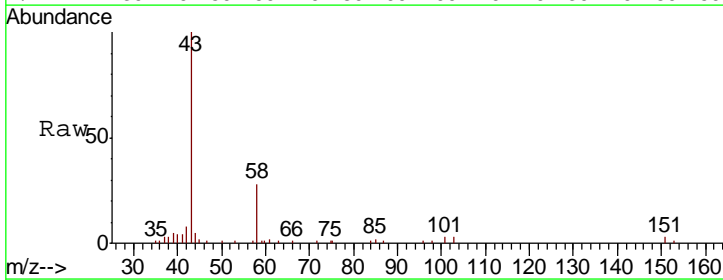
**Manual Integrations**  
**APPROVED**

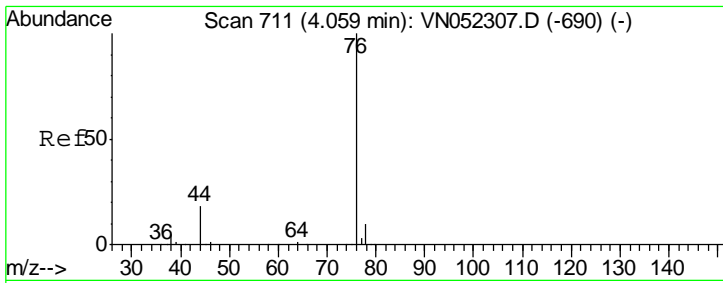
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 11/19/2018 12:46:05 PM



#16  
 Acetone  
 Concen: 78.501 ug/l  
 RT: 3.82 min Scan# 636  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
43	100		
58	27.9	24.2	36.4



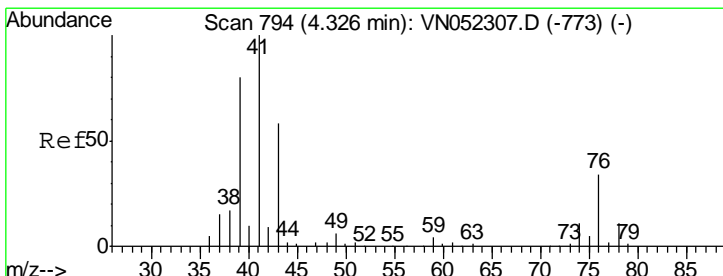
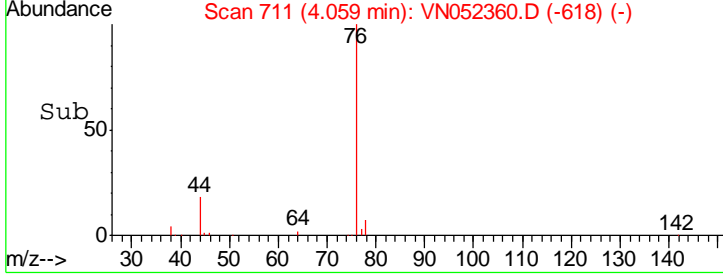
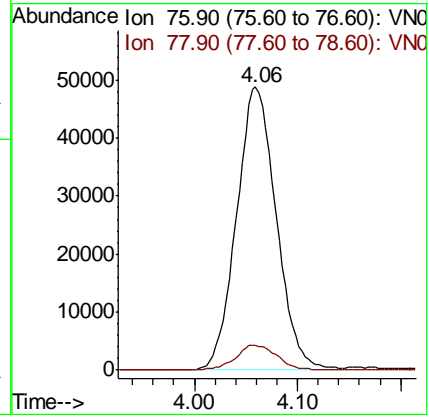
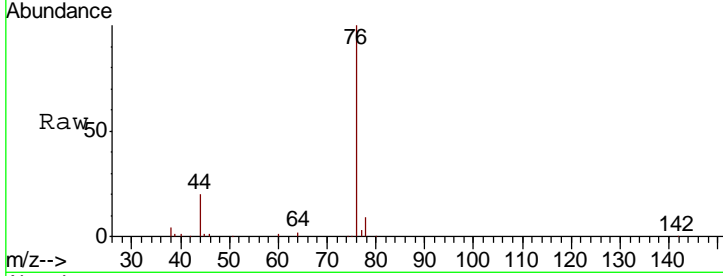


#17  
 Carbon Disulfide  
 Concen: 18.050 ug/l  
 RT: 4.06 min Scan# 711  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

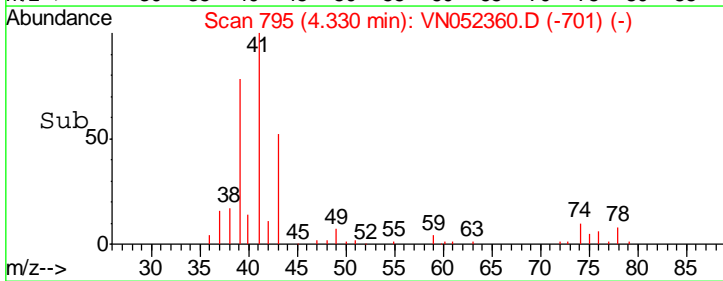
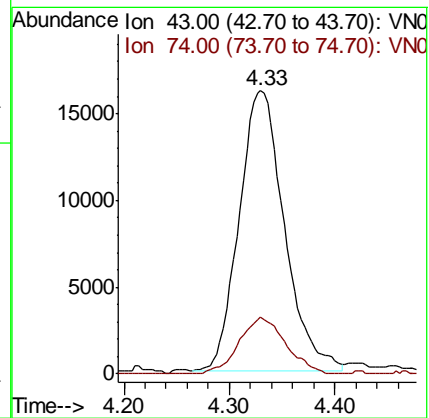
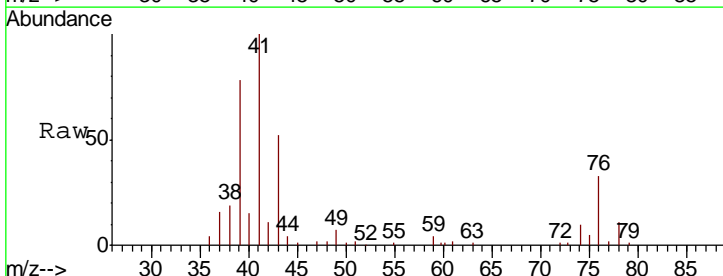
Tgt Ion	Resp	Lower	Upper
76	130708		
76	100		
78	8.6	7.7	11.5

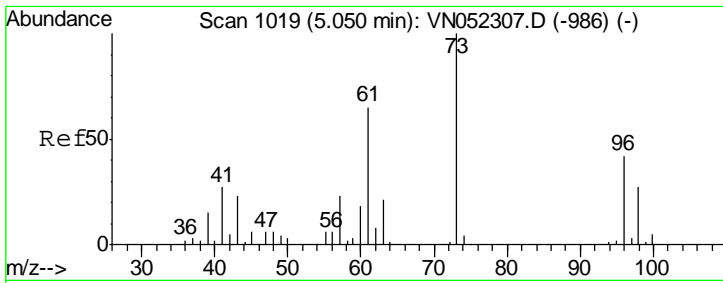
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#18  
 Methyl Acetate  
 Concen: 18.241 ug/l  
 RT: 4.33 min Scan# 795  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
43	48024		
43	100		
74	20.8	15.9	23.9





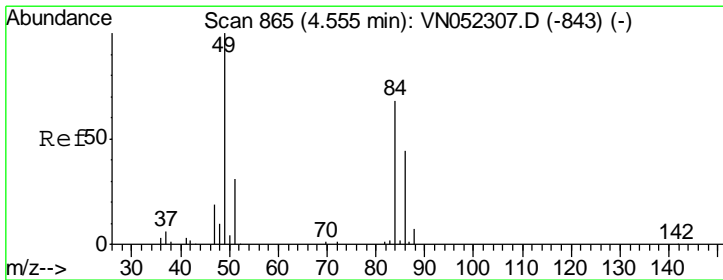
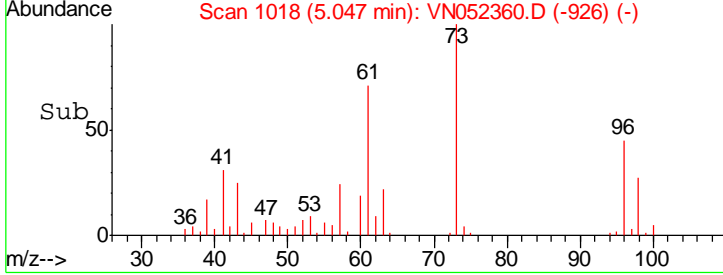
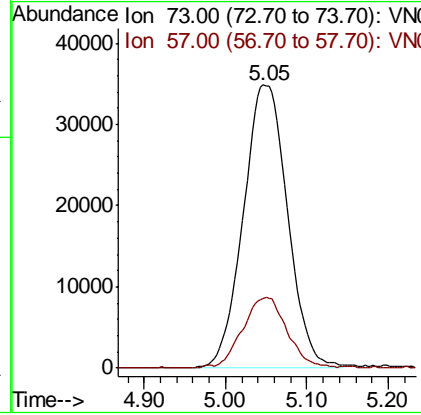
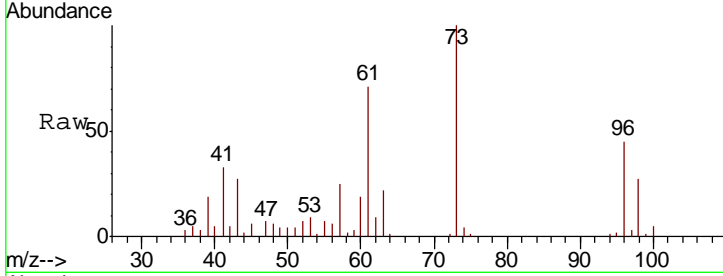
#19  
 Methyl tert-butyl Ether  
 Concen: 18.091 ug/l  
 RT: 5.05 min Scan# 1018  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN1116WBS02

Tgt Ion: 73 Resp: 131290

Ion	Ratio	Lower	Upper
73	100		
57	24.6	18.7	28.1

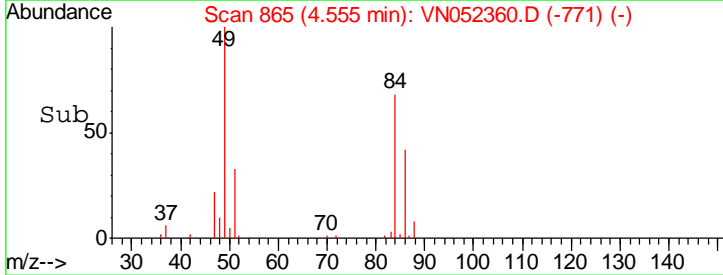
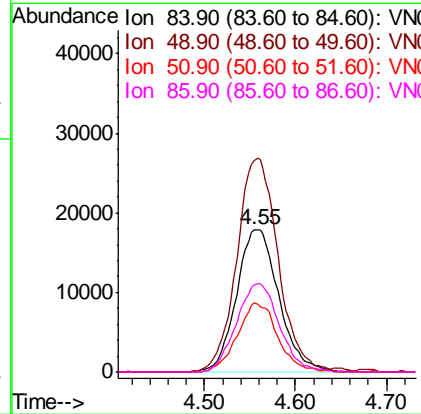
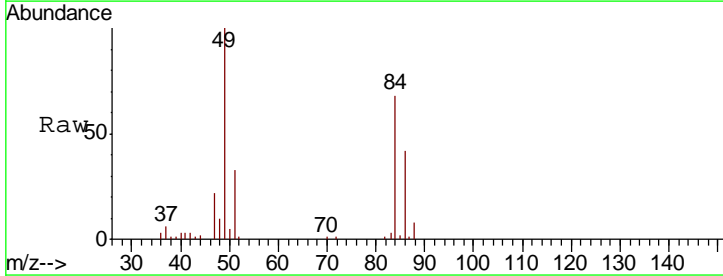
**Manual Integrations**  
**APPROVED**  
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 11/19/2018 12:46:05 PM

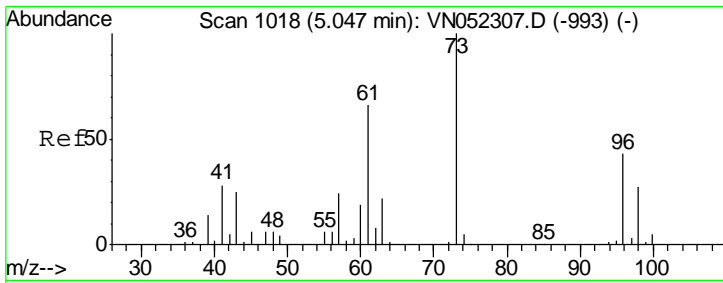


#20  
 Methylene Chloride  
 Concen: 19.458 ug/l  
 RT: 4.55 min Scan# 865  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion: 84 Resp: 57715

Ion	Ratio	Lower	Upper
84	100		
49	146.7	118.2	177.2
51	48.6	36.1	54.1
86	61.4	51.6	77.4





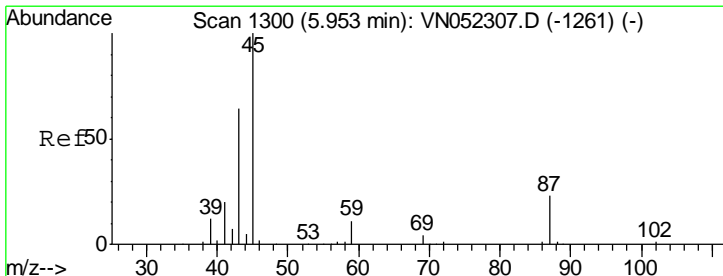
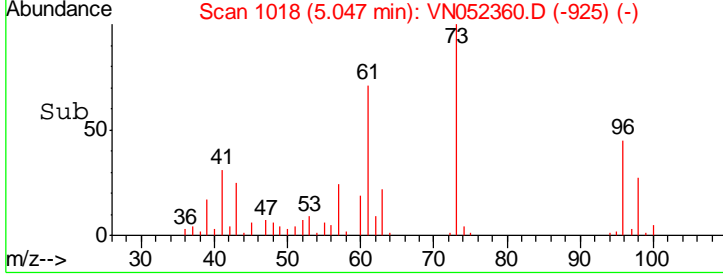
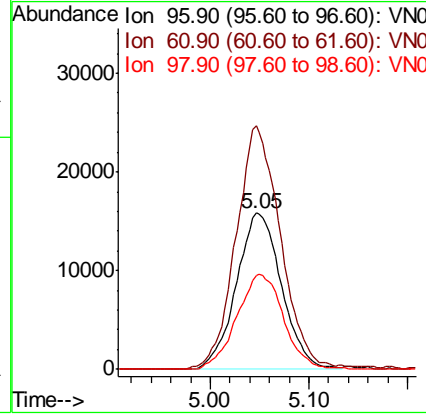
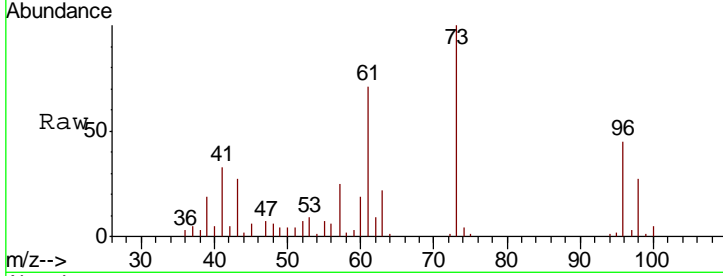
#21  
 trans-1,2-Dichloroethene  
 Concen: 18.447 ug/l  
 RT: 5.05 min Scan# 1018  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
96	50157		
96	100		
61	154.4	123.6	185.4
98	60.4	50.7	76.1

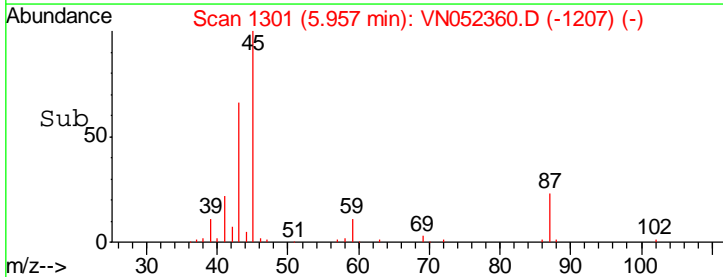
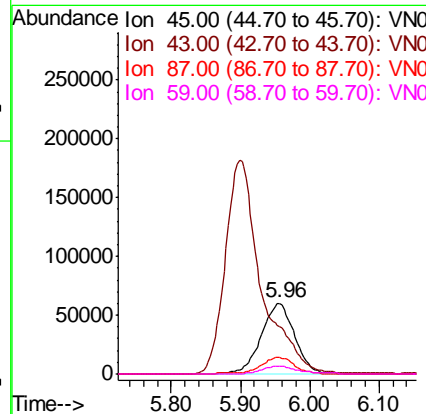
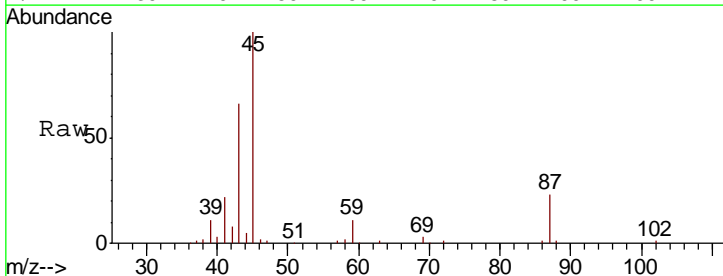
**Manual Integrations**  
**APPROVED**

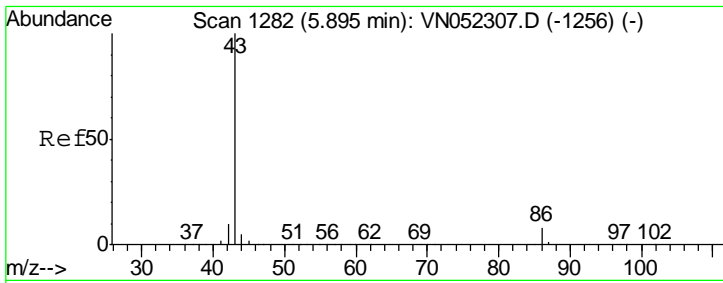
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 11/19/2018 12:46:05 PM



#22  
 Diisopropyl ether  
 Concen: 19.098 ug/l  
 RT: 5.96 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
45	202062		
45	100		
43	66.0	51.4	77.2
87	22.7	18.8	28.2
59	10.7	8.6	12.8



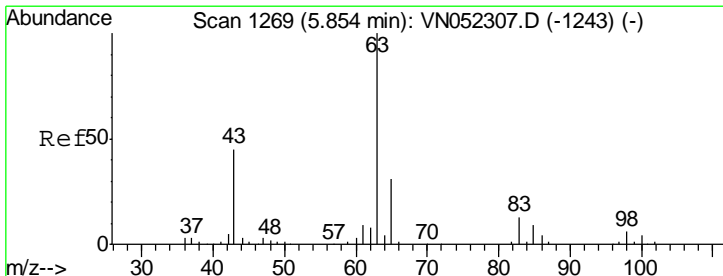
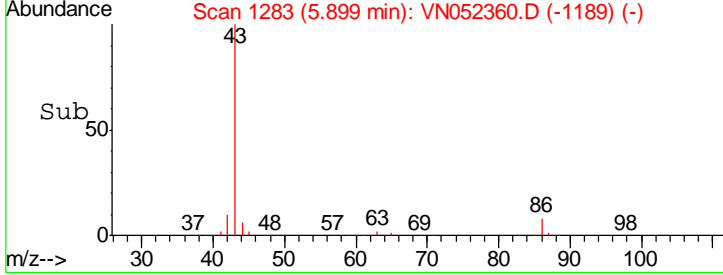
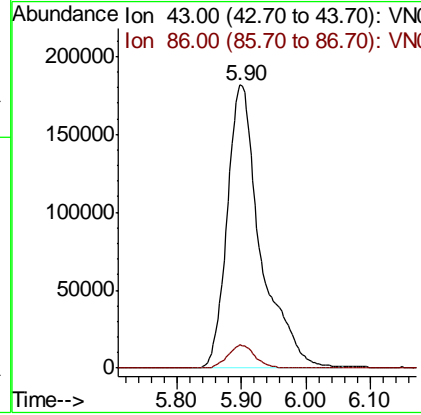
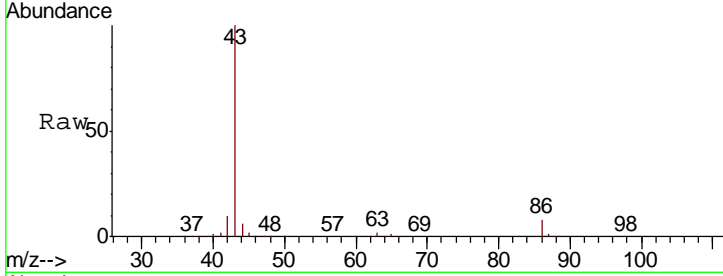


#23  
 Vinyl Acetate  
 Concen: 91.329 ug/l  
 RT: 5.90 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN1116WBS02

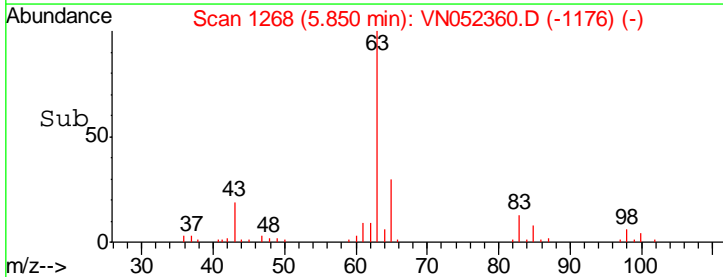
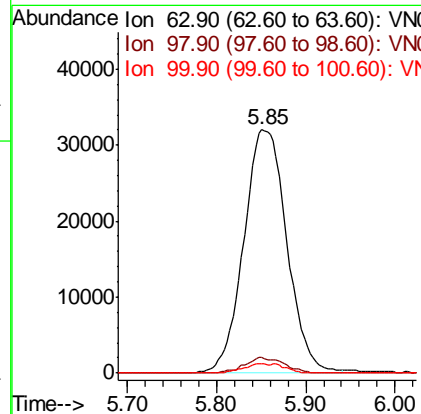
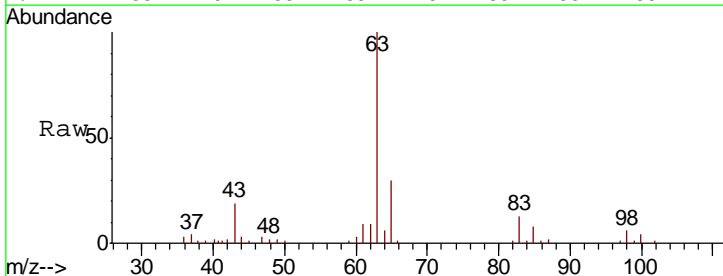
Tgt Ion: 43 Resp: 655484  
 Ion Ratio Lower Upper  
 43 100  
 86 8.1 6.5 9.7

**Manual Integrations**  
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 MMDadoda  
 11/19/2018 12:46:05 PM

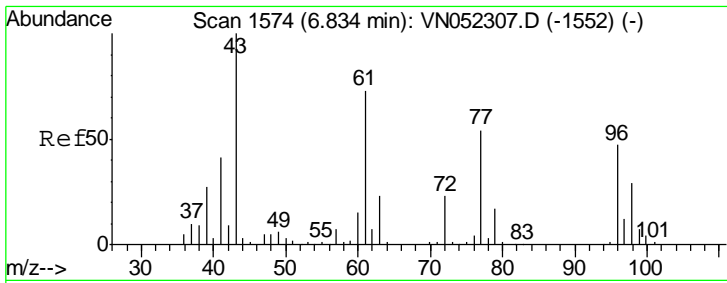


#24  
 1,1-Dichloroethane  
 Concen: 18.904 ug/l  
 RT: 5.85 min Scan# 1268  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion: 63 Resp: 107248  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 2.9 8.6  
 100 4.0 1.9 5.7





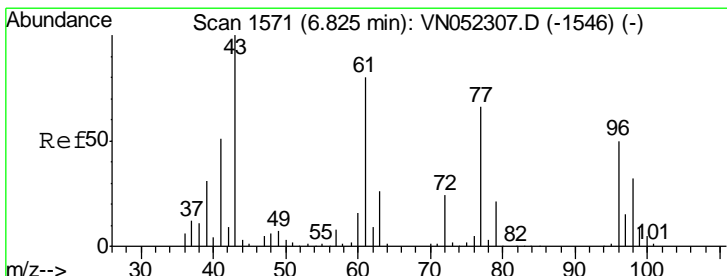
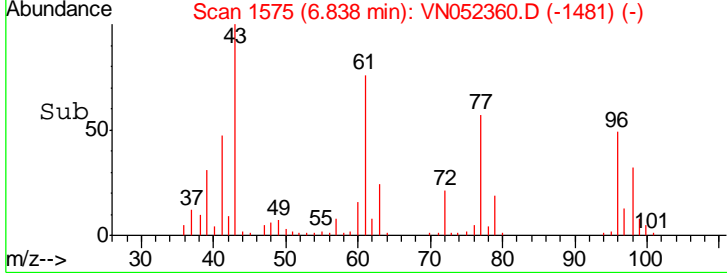
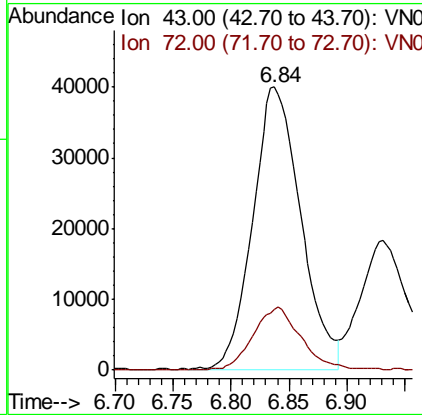
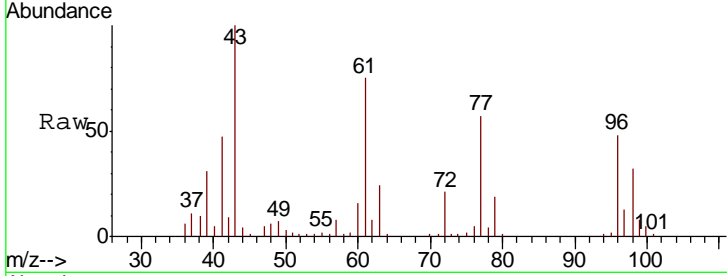


#25  
 2-Butanone  
 Concen: 85.351 ug/l  
 RT: 6.84 min Scan# 1575  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

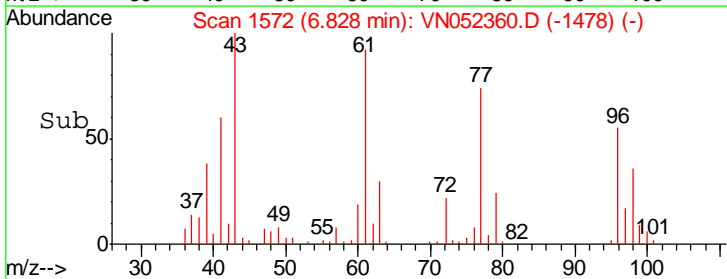
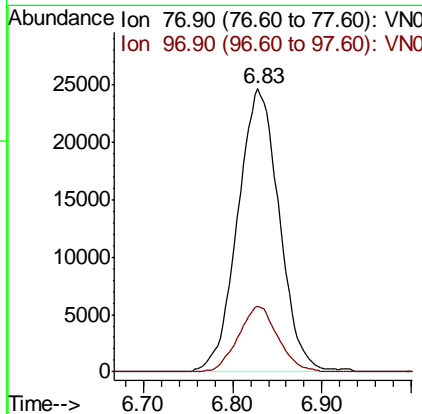
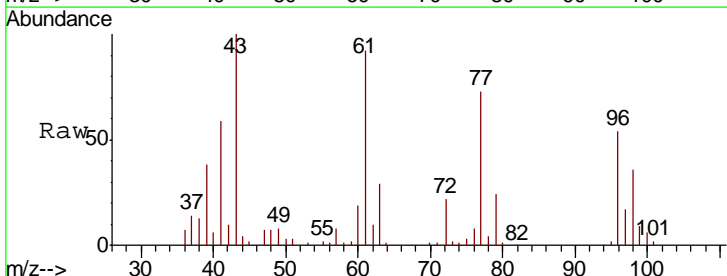
Tgt Ion	Resp	Lower	Upper
43	114610		
72	21.3	18.6	27.8

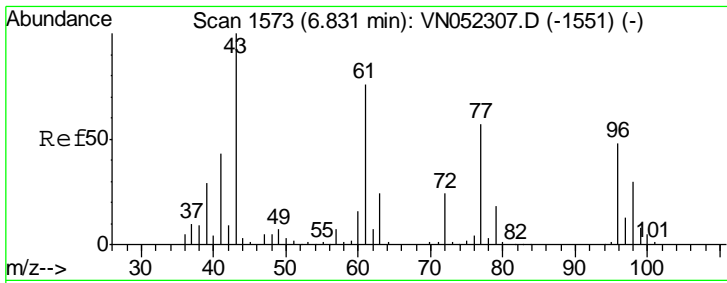
Manual Integrations  
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#26  
 2,2-Dichloropropane  
 Concen: 19.135 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
77	79826		
97	22.1	11.1	33.1





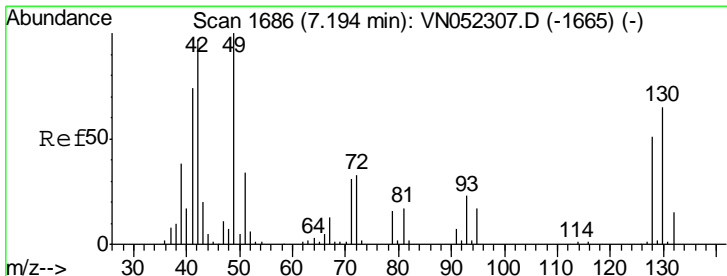
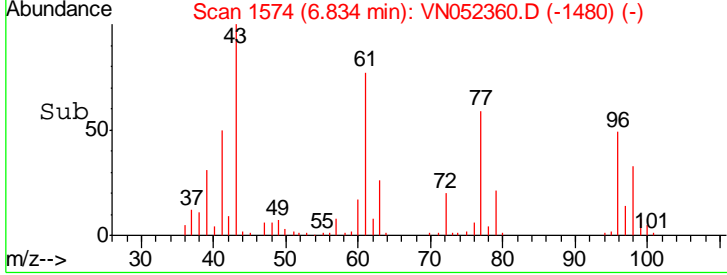
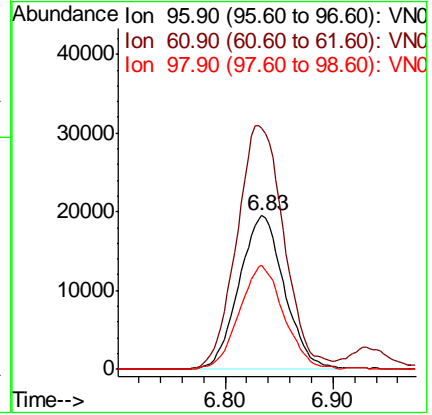
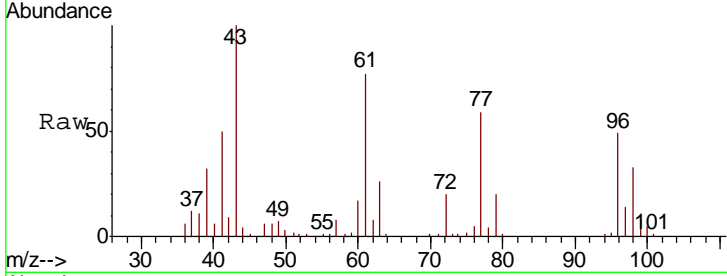
#27  
 cis-1,2-Dichloroethene  
 Concen: 18.040 ug/l  
 RT: 6.83 min Scan# 1574  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
96	57099		
96	100		
61	165.0	0.0	316.8
98	66.2	0.0	126.6

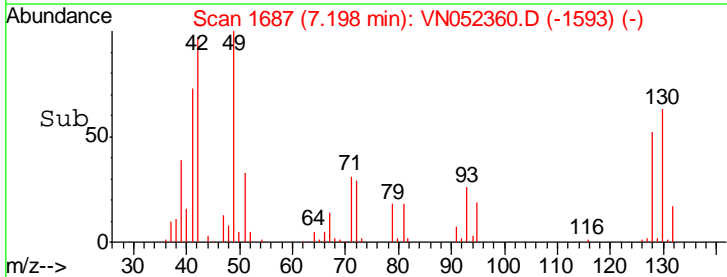
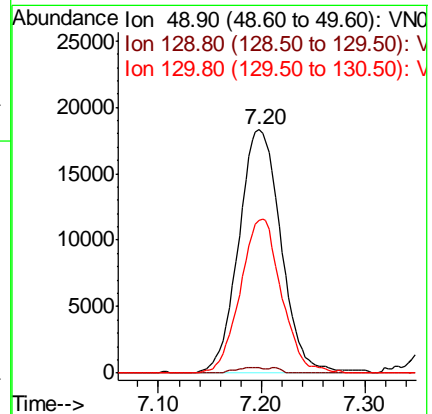
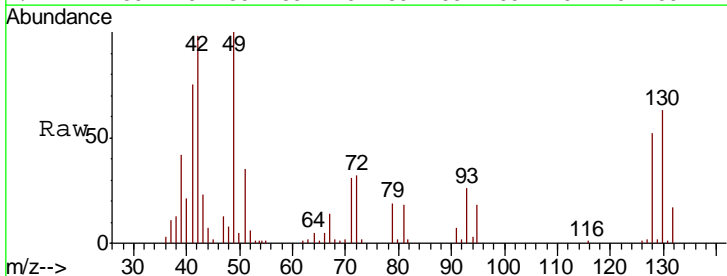
Manual Integrations  
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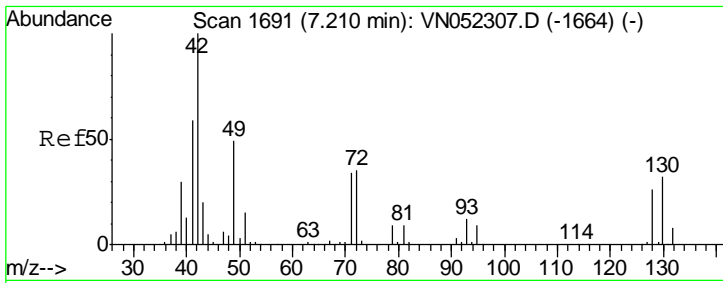
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#28  
 Bromochloromethane  
 Concen: 17.867 ug/l  
 RT: 7.20 min Scan# 1687  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
49	52120		
49	100		
129	1.5	0.0	3.0
130	61.7	50.4	75.6





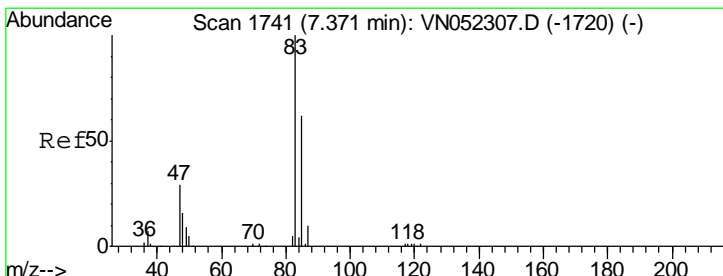
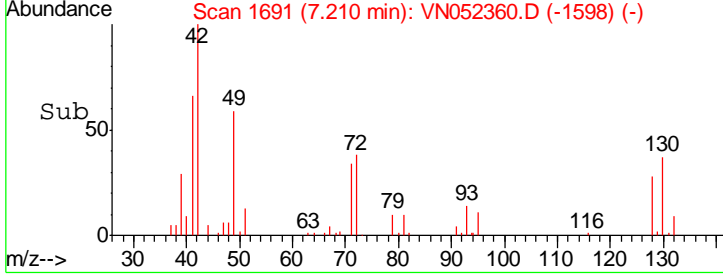
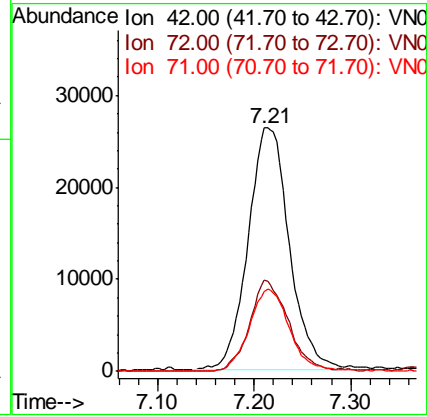
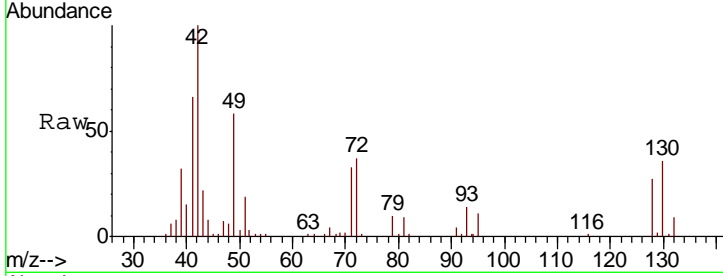
#29  
 Tetrahydrofuran  
 Concen: 88.142 ug/l  
 RT: 7.21 min Scan# 1691  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
42	100		
72	35.3	28.6	42.8
71	33.1	26.7	40.1

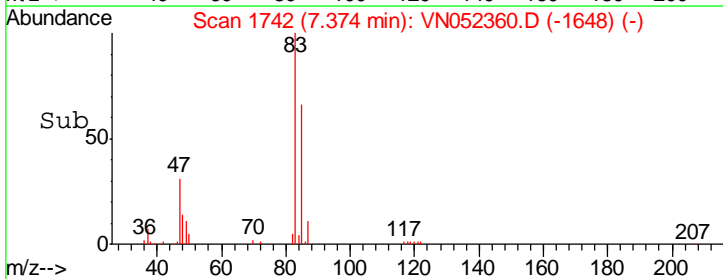
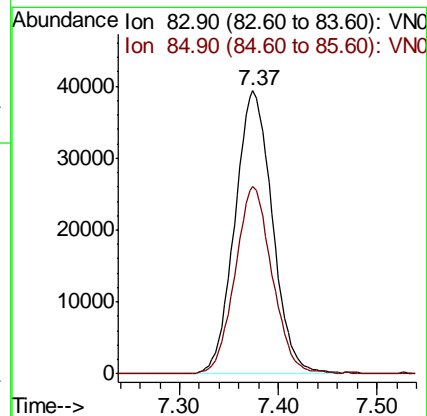
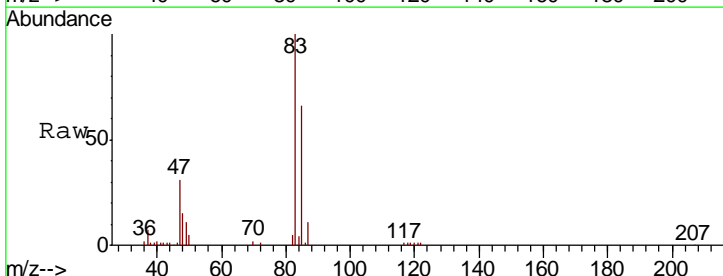
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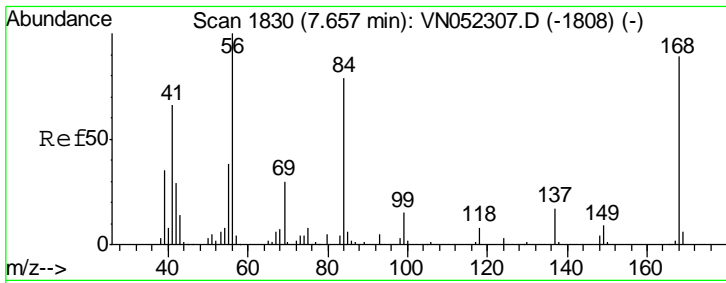
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#30  
 Chloroform  
 Concen: 19.217 ug/l  
 RT: 7.37 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
83	100		
85	66.2	49.4	74.2





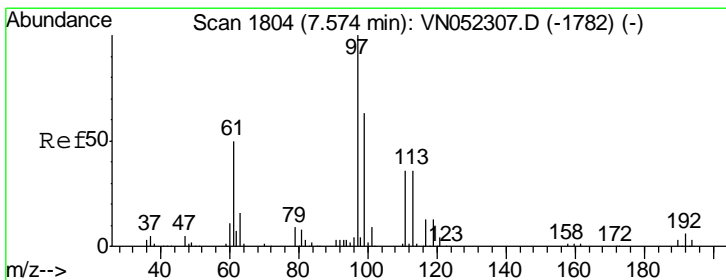
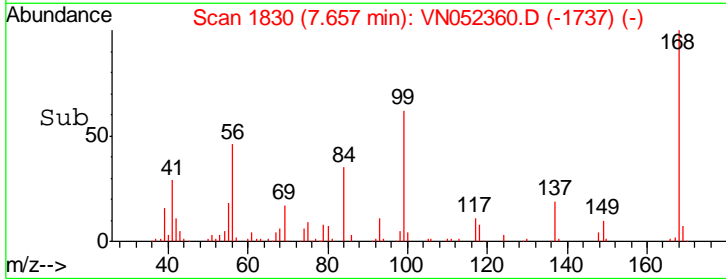
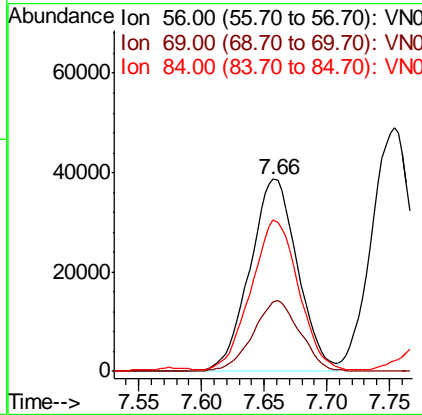
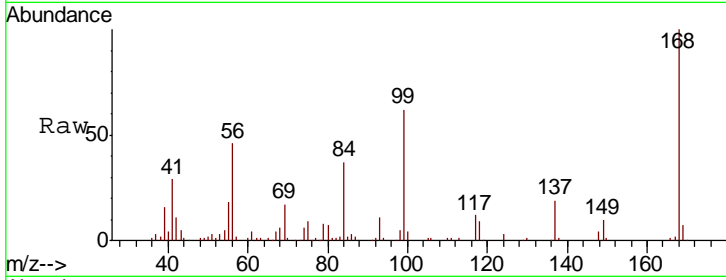
#31  
 Cyclohexane  
 Concen: 18.822 ug/l  
 RT: 7.66 min Scan# 1830  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
56	102629		
69	36.3	23.8	35.8#
84	77.7	63.0	94.6

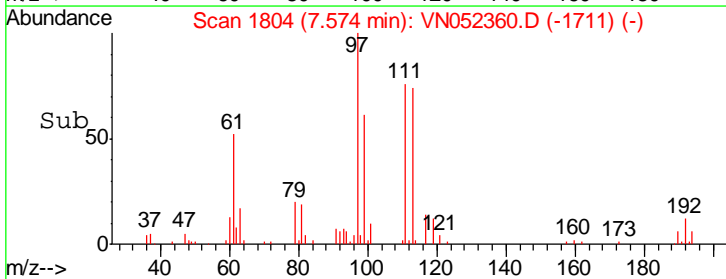
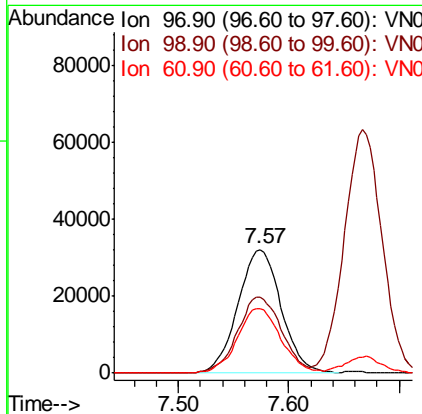
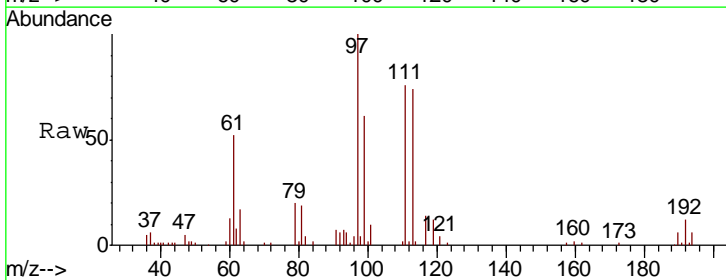
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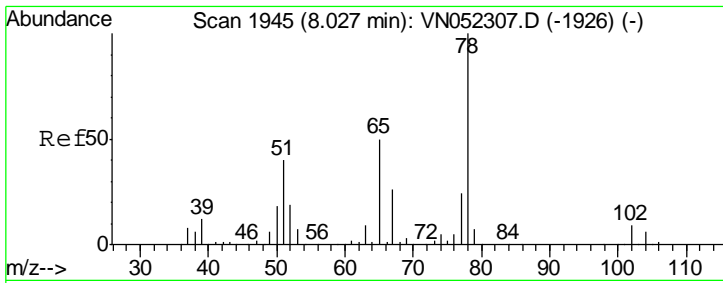
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#32  
 1,1,1-Trichloroethane  
 Concen: 18.919 ug/l  
 RT: 7.57 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
97	87135		
99	62.7	50.2	75.2
61	53.1	40.2	60.4



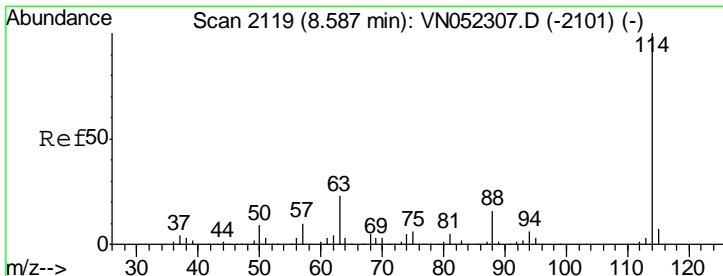
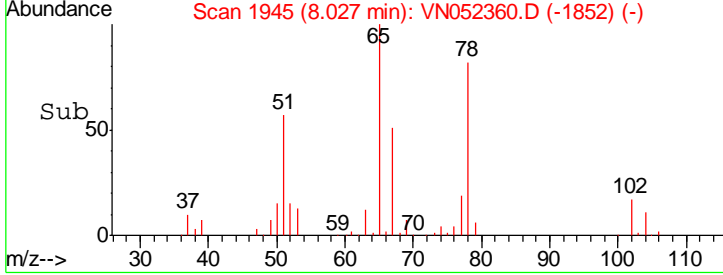
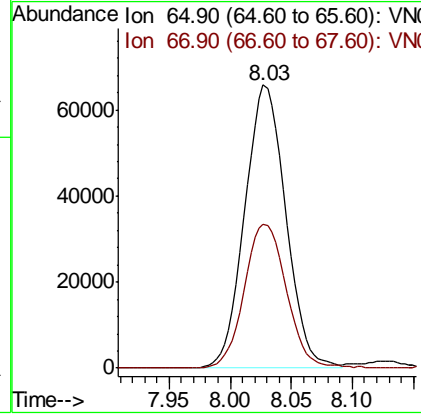
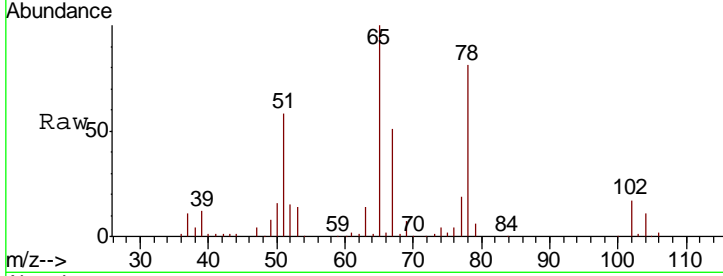


#33  
 1,2-Dichloroethane-d4  
 Concen: 18.919 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

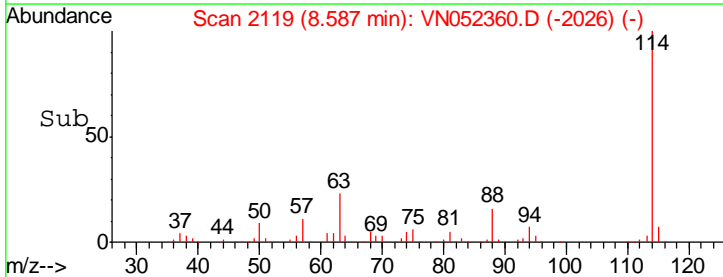
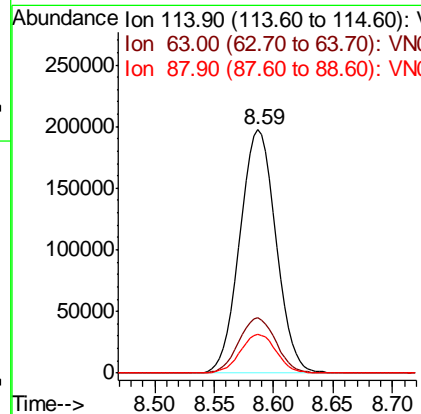
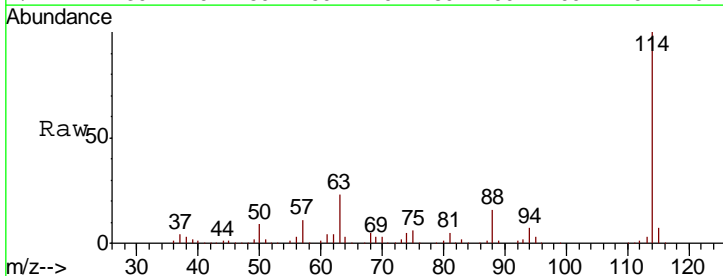
Tgt Ion	Resp	Lower	Upper
65	153269		
65	100		
67	52.3	0.0	105.2

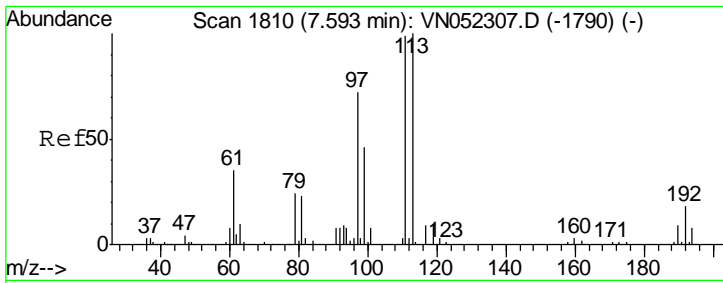
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
114	415857		
114	100		
63	22.7	0.0	45.4
88	15.9	0.0	31.2





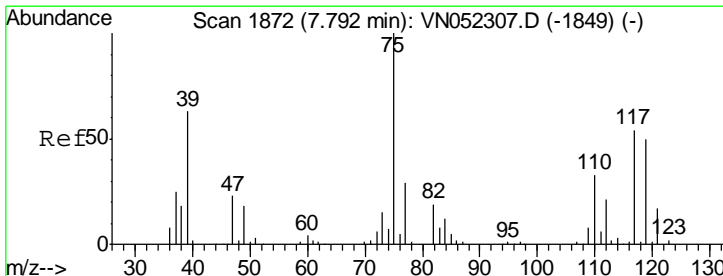
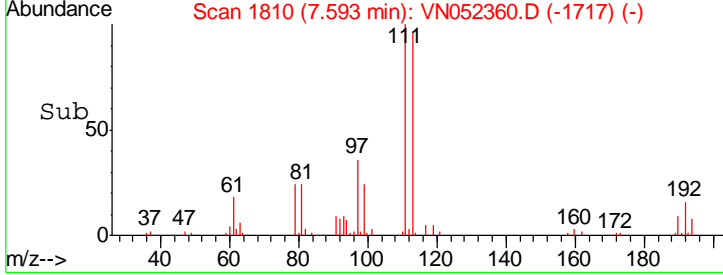
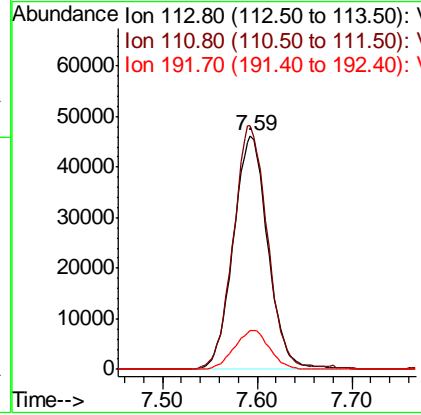
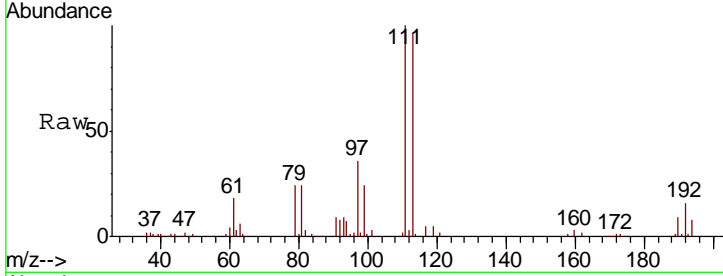
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
113	117253		
113	100		
111	102.7	81.0	121.6
192	17.1	13.8	20.6

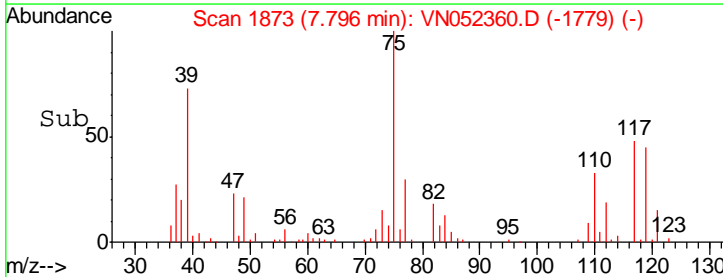
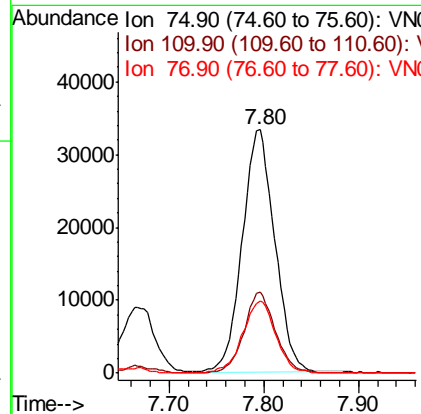
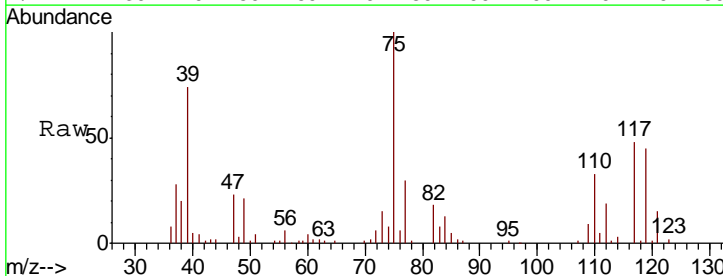
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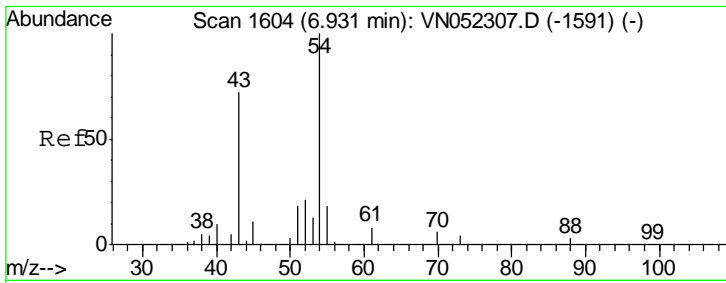
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#36  
 1,1-Dichloropropene  
 Concen: 19.153 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
75	79834		
75	100		
110	31.9	16.5	49.5
77	30.0	24.2	36.2





#37  
 Ethyl Acetate  
 Concen: 17.200 ug/l  
 RT: 6.93 min Scan# 1604  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

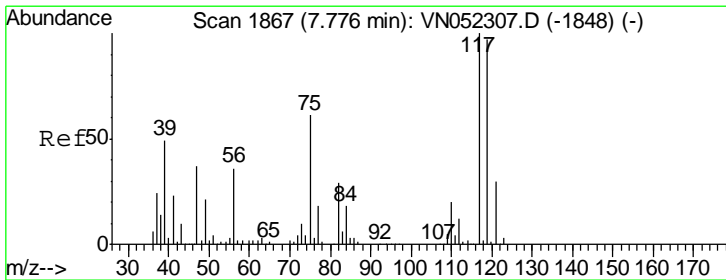
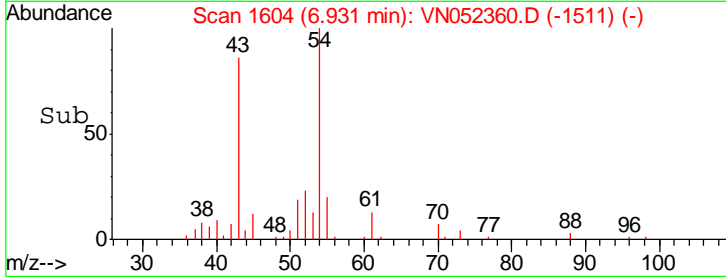
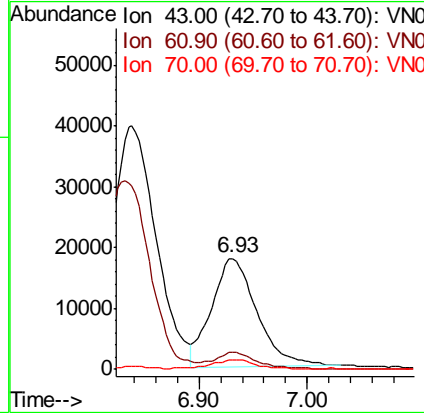
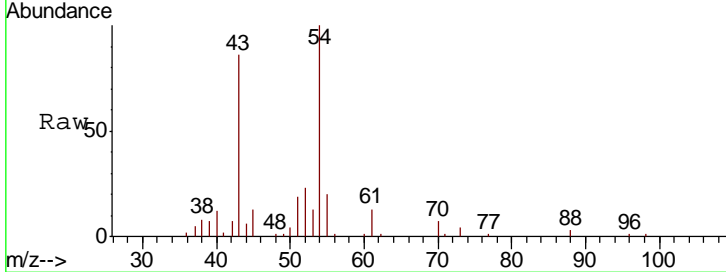
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN1116WBS02

Tgt Ion: 43 Resp: 52031

Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.3	15.5
70	6.8	5.6	8.4

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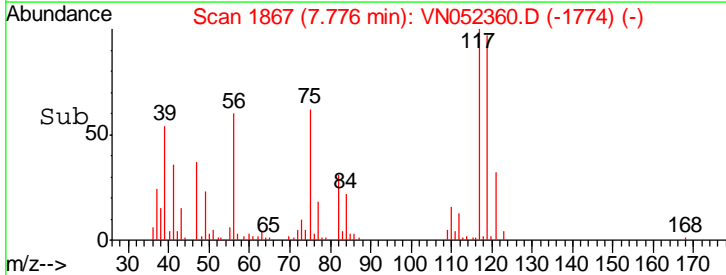
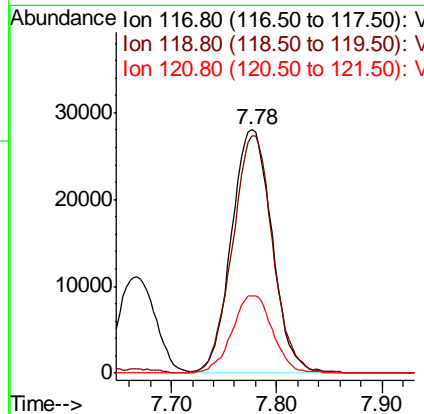
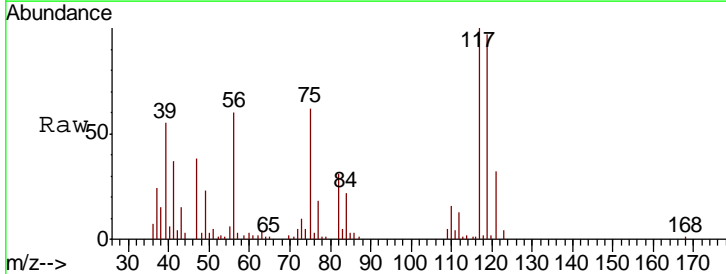
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 11/19/2018 12:46:05 PM

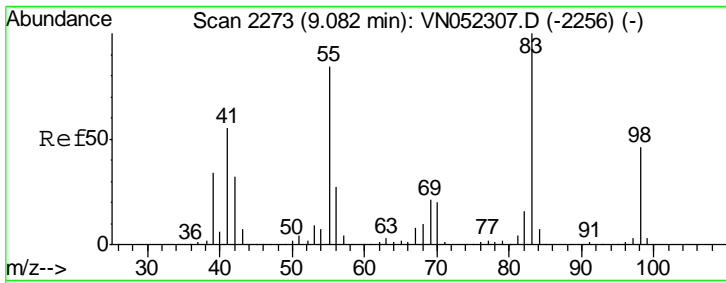


#38  
 Carbon Tetrachloride  
 Concen: 19.558 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion: 117 Resp: 74896

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
121	31.8	24.0	36.0





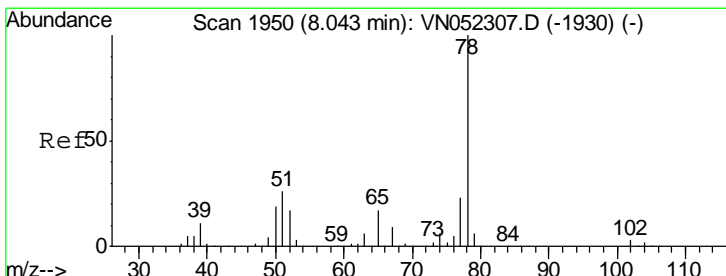
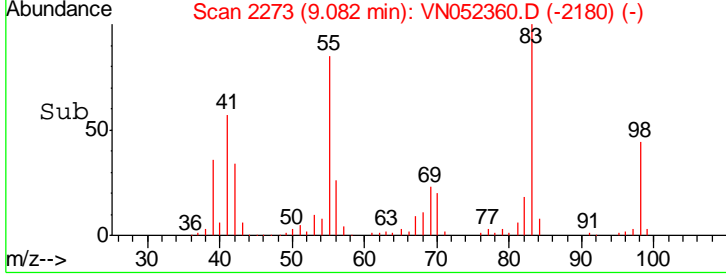
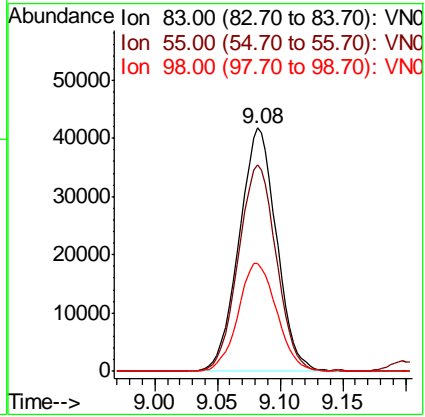
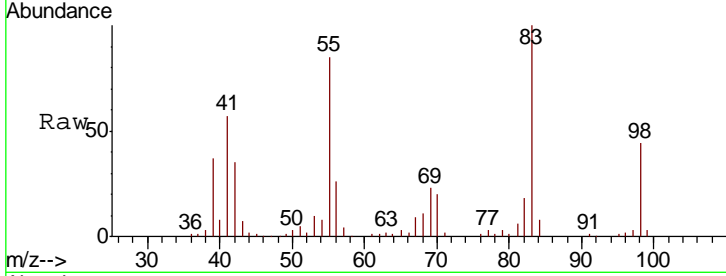
#39  
 Methylcyclohexane  
 Concen: 18.163 ug/l  
 RT: 9.08 min Scan# 2273  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
83	100		
55	85.1	66.8	100.2
98	44.1	36.4	54.6

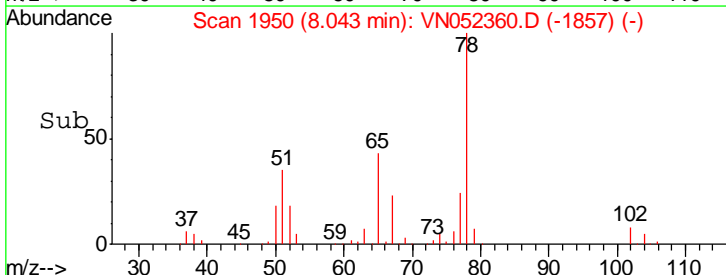
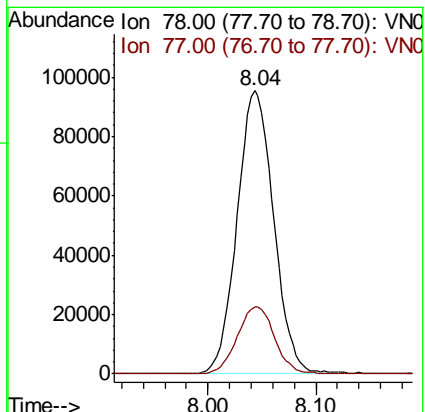
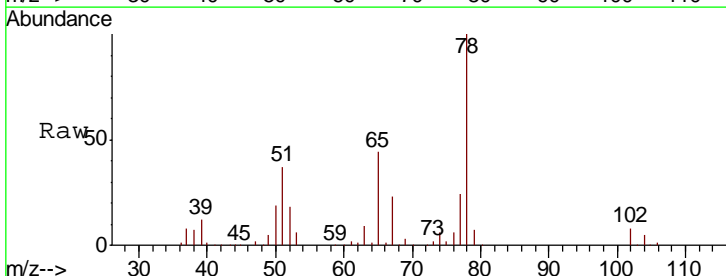
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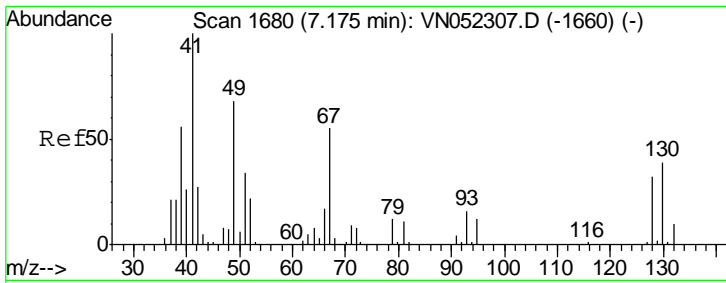


#40  
 Benzene  
 Concen: 18.938 ug/l  
 RT: 8.04 min Scan# 1950  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
78	100		
77	23.8	18.7	28.1







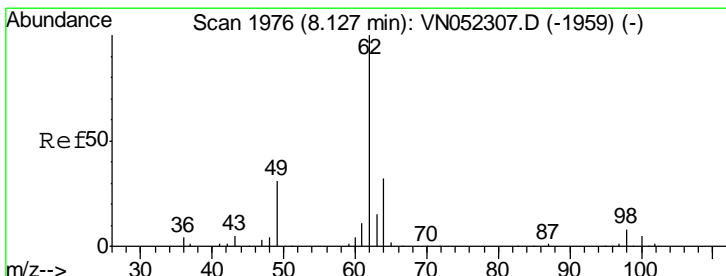
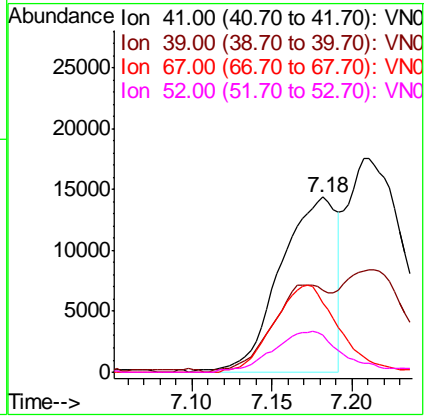
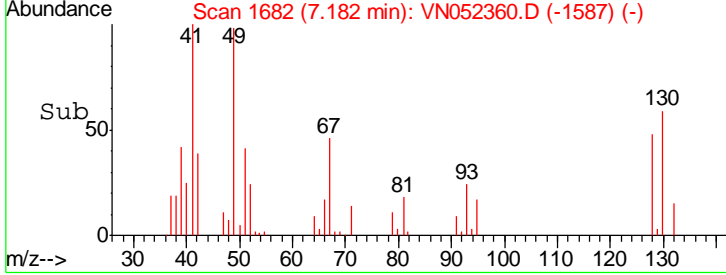
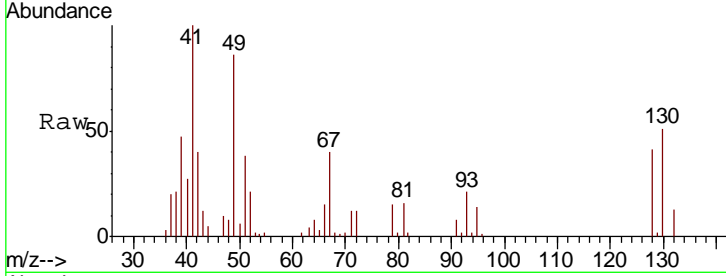
#41  
 Methacrylonitrile  
 Concen: 23.217 ug/l  
 RT: 7.18 min Scan# 1682  
 Delta R.T. 0.01 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
41	100		
39	50.8	0.0	0.0#
67	56.4	0.0	0.0#
52	27.6	0.0	0.0#

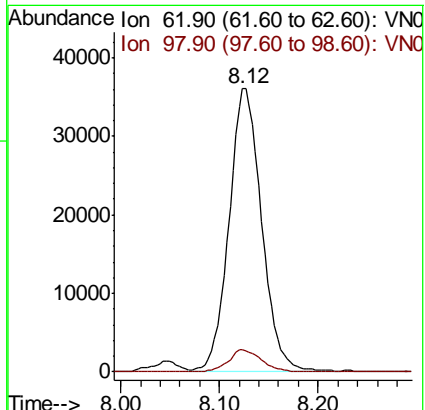
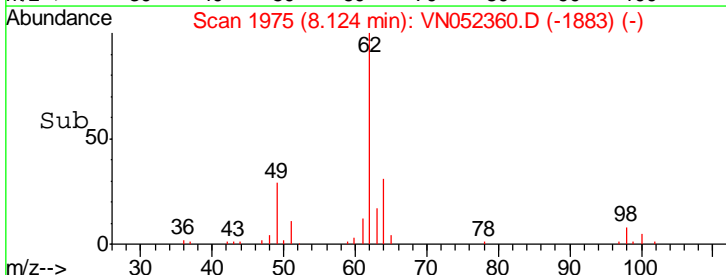
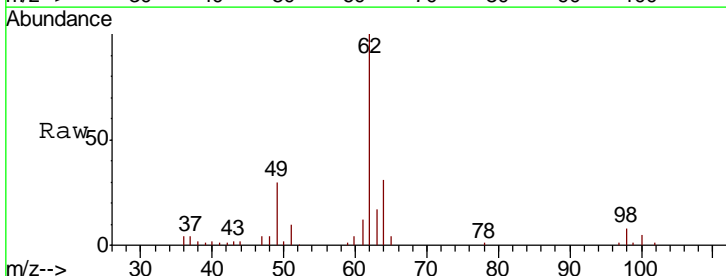
Manual Integrations  
 APPROVED

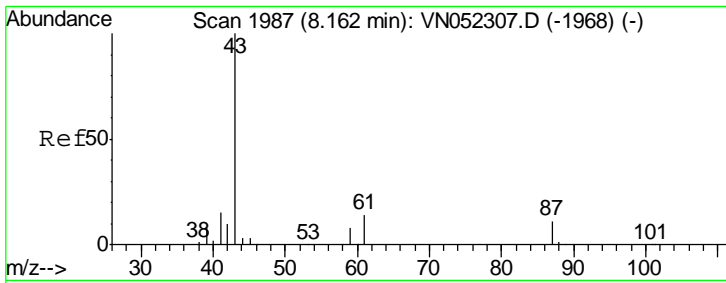
MMDadoda  
 11/19/2018 12:46:05 PM



#42  
 1,2-Dichloroethane  
 Concen: 19.626 ug/l  
 RT: 8.12 min Scan# 1975  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
62	100		
98	7.8	0.0	15.6





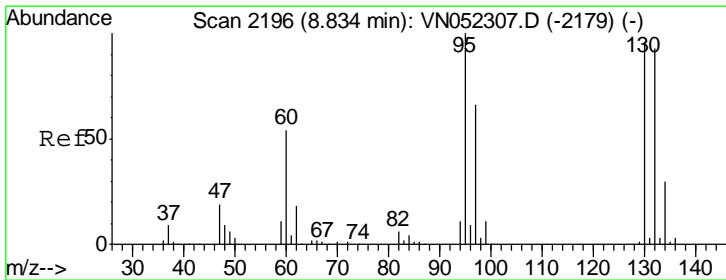
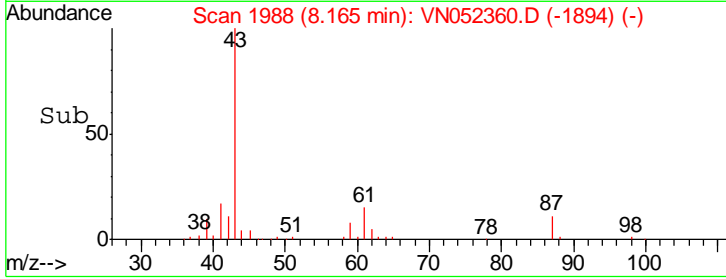
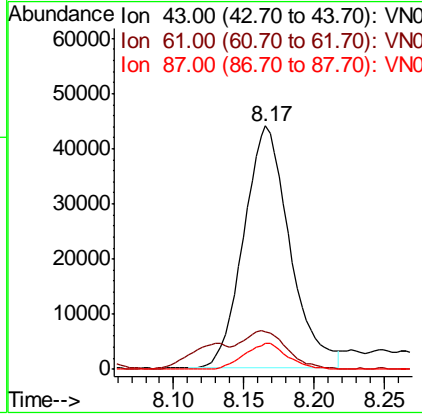
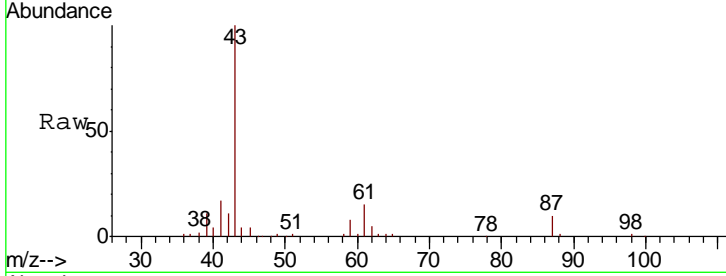
#43  
 Isopropyl Acetate  
 Concen: 17.177 ug/l  
 RT: 8.17 min Scan# 1988  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
43	100264		
61	15.1	12.0	18.0
87	10.0	8.3	12.5

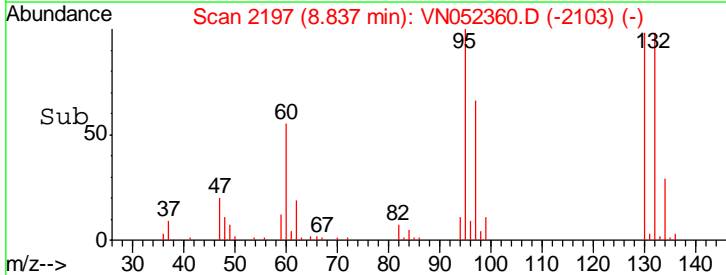
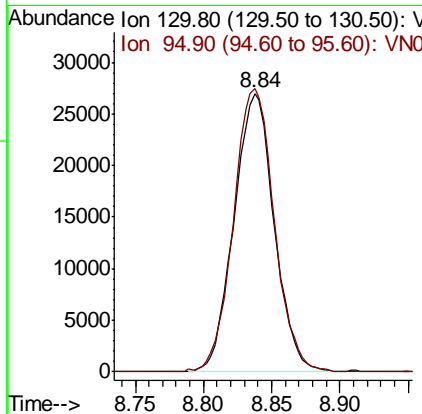
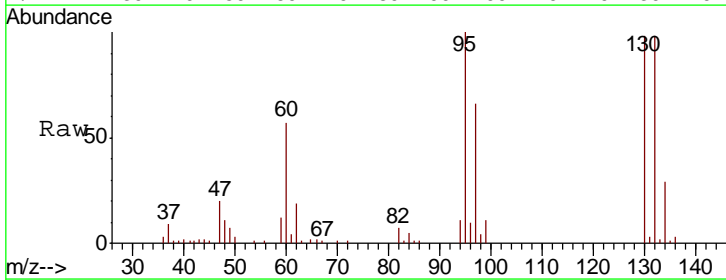
Manual Integrations  
 APPROVED

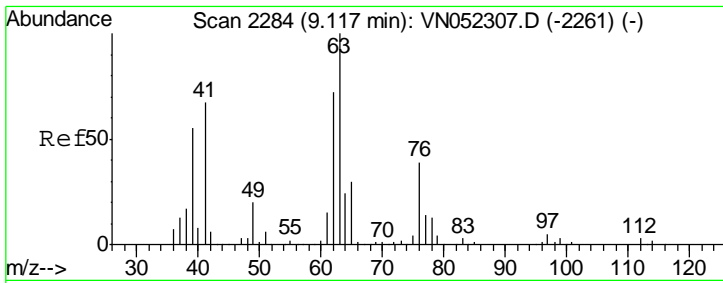
MMDadoda  
 11/19/2018 12:46:05 PM



#44  
 Trichloroethene  
 Concen: 18.791 ug/l  
 RT: 8.84 min Scan# 2197  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
130	55117		
95	101.6	0.0	208.4





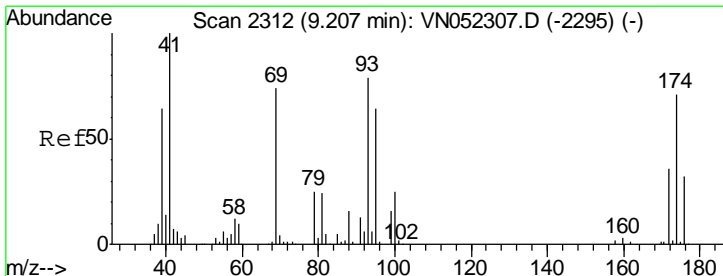
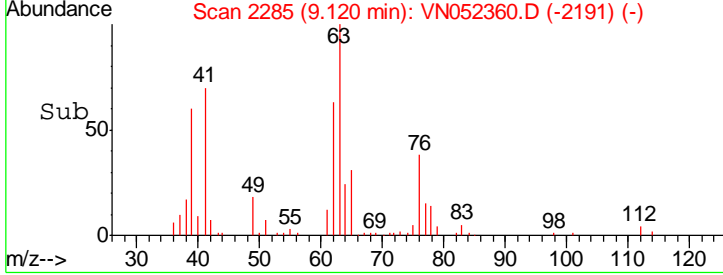
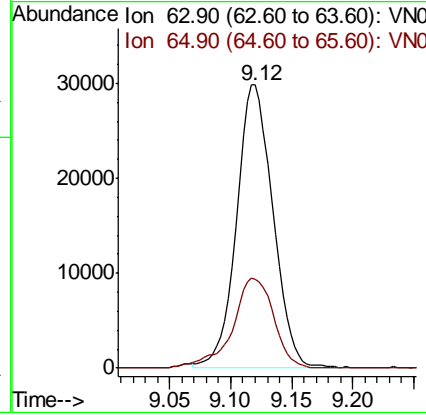
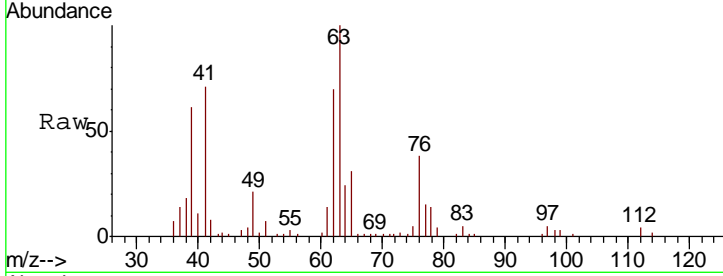
#45  
 1,2-Dichloropropane  
 Concen: 18.276 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
63	100		
65	31.4	24.2	36.4

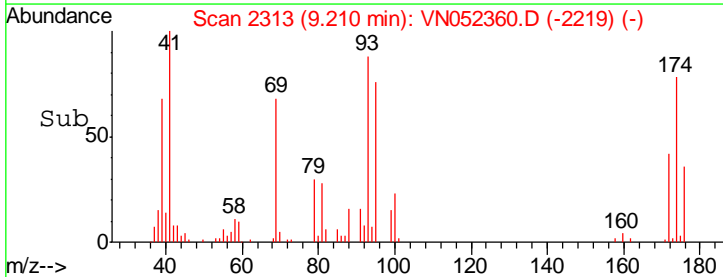
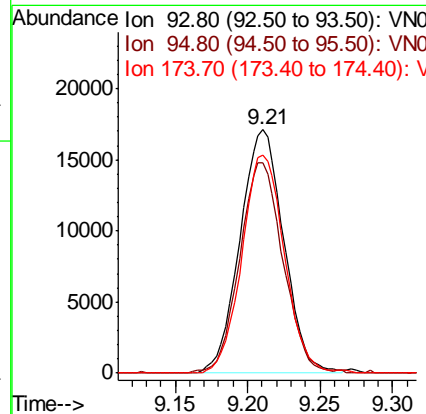
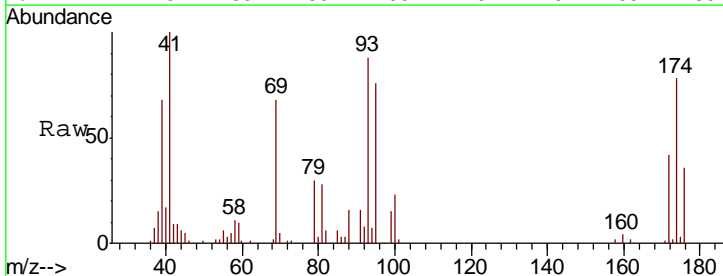
Manual Integrations  
 APPROVED

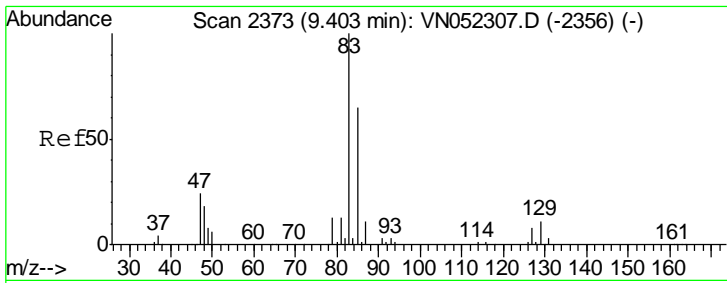
MMDadoda  
 11/19/2018 12:46:05 PM



#46  
 Dibromomethane  
 Concen: 18.385 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
93	100		
95	85.5	64.2	96.2
174	87.2	70.9	106.3





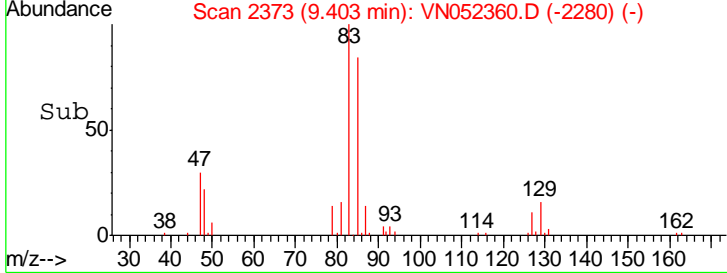
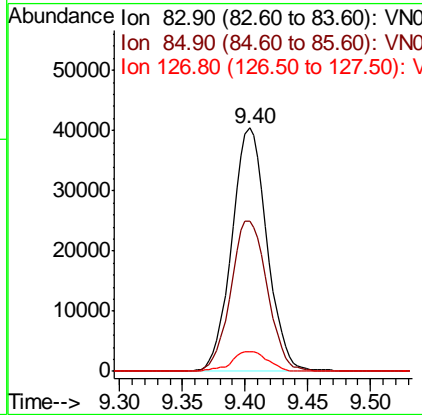
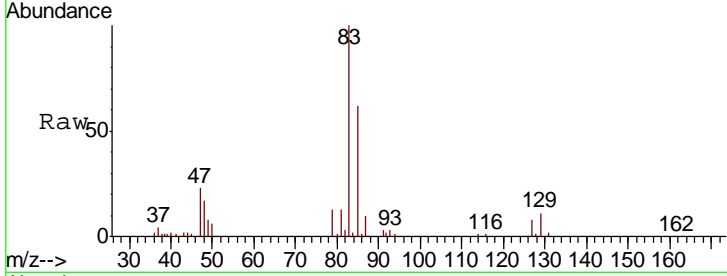
#47  
 Bromodichloromethane  
 Concen: 19.623 ug/l  
 RT: 9.40 min Scan# 2373  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
83	100		
85	61.7	52.2	78.4
127	8.2	6.7	10.1

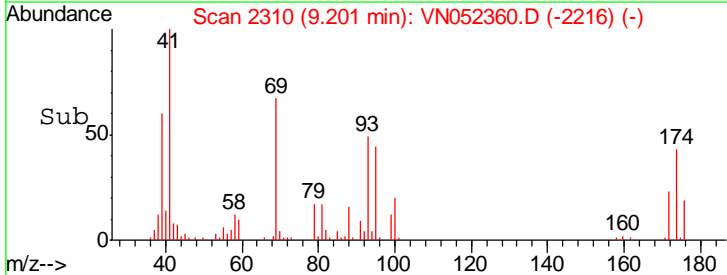
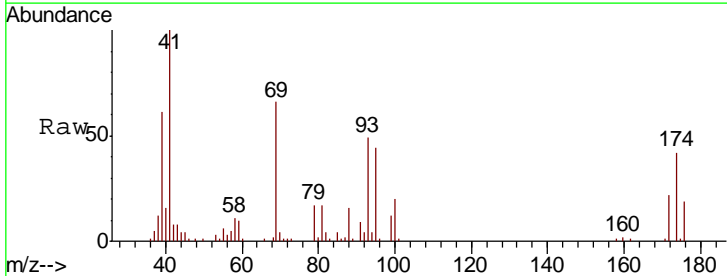
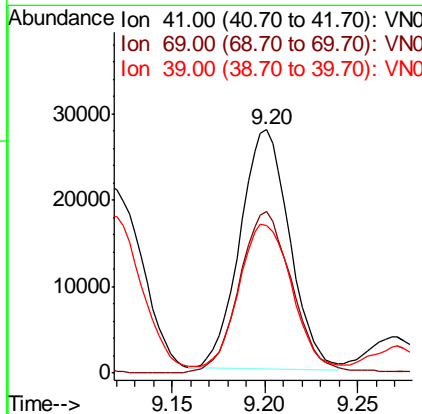
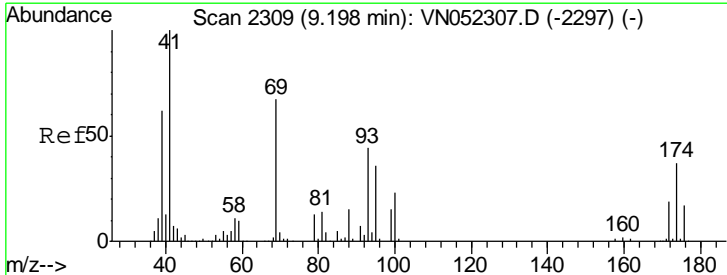
Manual Integrations  
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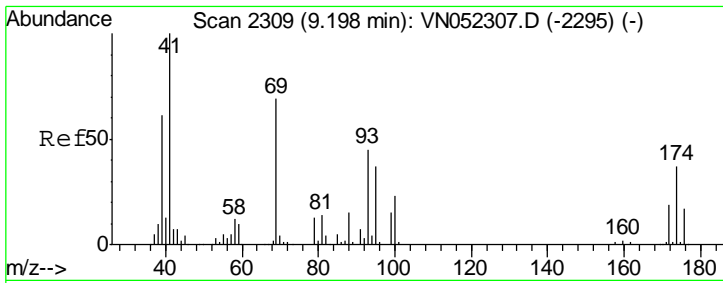
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 11/19/2018 12:46:05 PM



#48  
 Methyl methacrylate  
 Concen: 17.373 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
41	100		
69	72.2	57.1	85.7
39	66.7	52.5	78.7





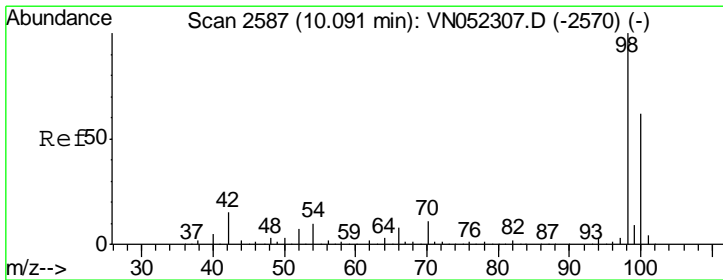
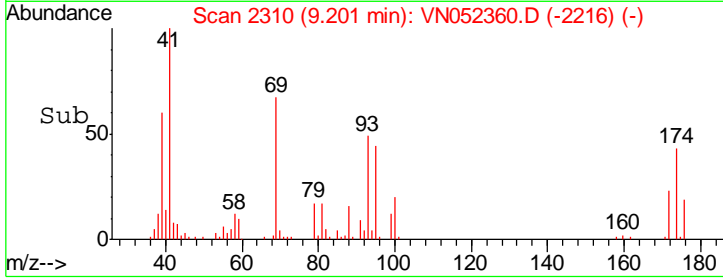
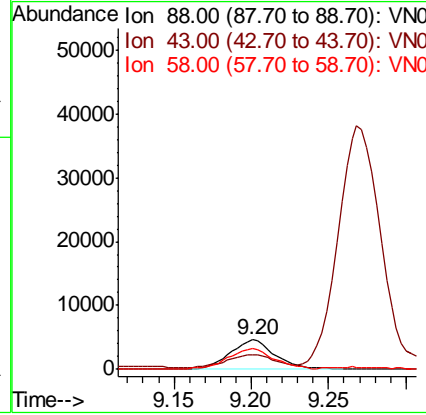
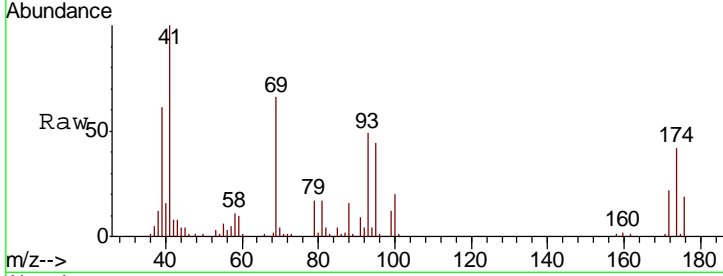
#49  
 1,4-Dioxane  
 Concen: 404.316 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
88	100		
43	49.4	33.3	49.9
58	73.1	59.2	88.8

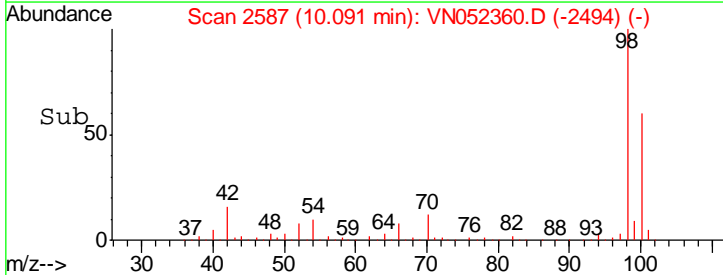
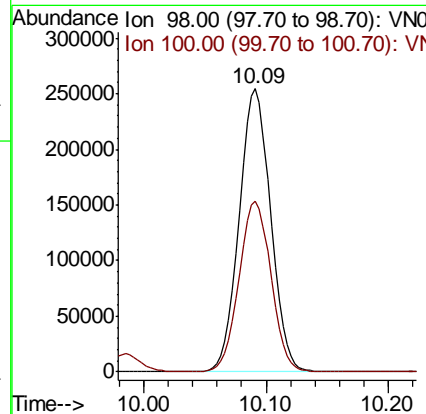
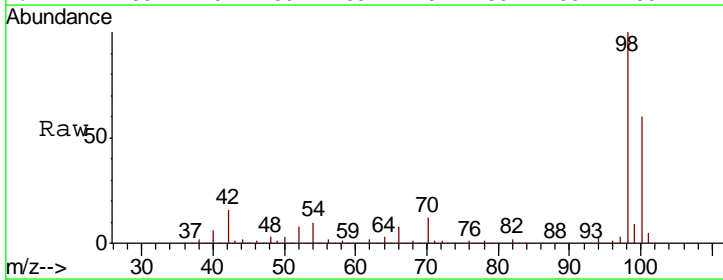
Manual Integrations  
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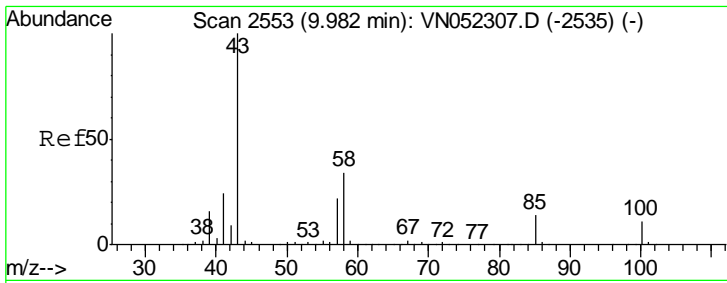
MMDadoda  
 11/19/2018 12:46:05 PM



#50  
 Toluene-d8  
 Concen: 404.316 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
98	100		
100	61.2	49.5	74.3





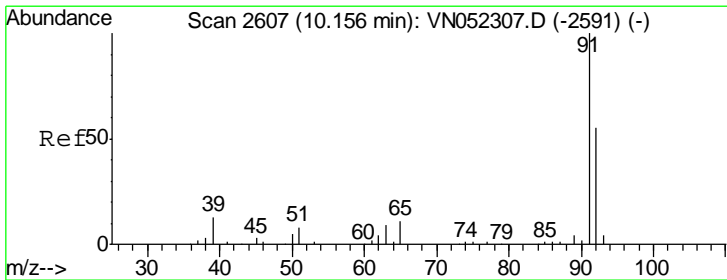
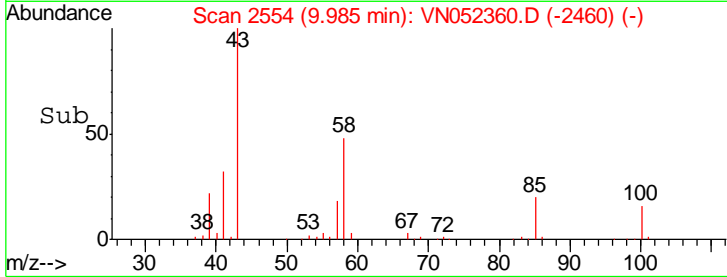
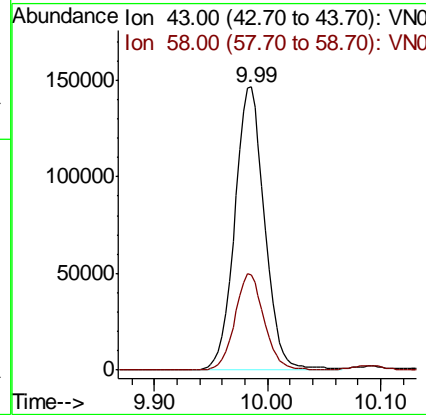
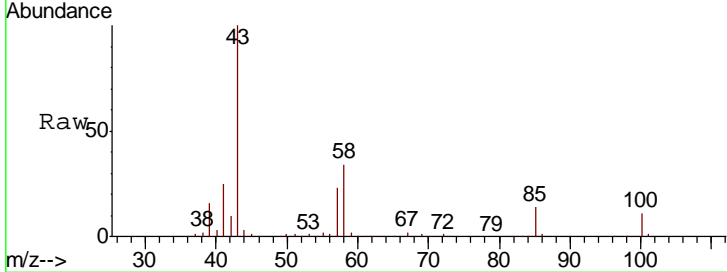
#51  
 4-Methyl-2-Pentanone  
 Concen: 90.776 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
43	100		
58	33.6	27.0	40.6

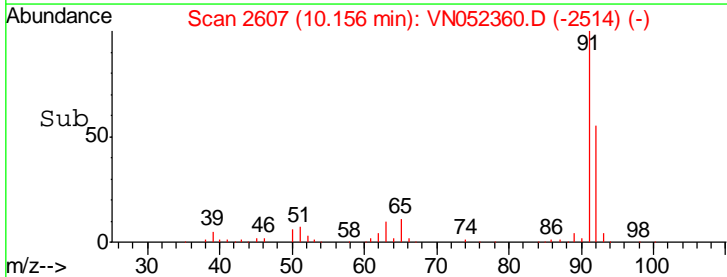
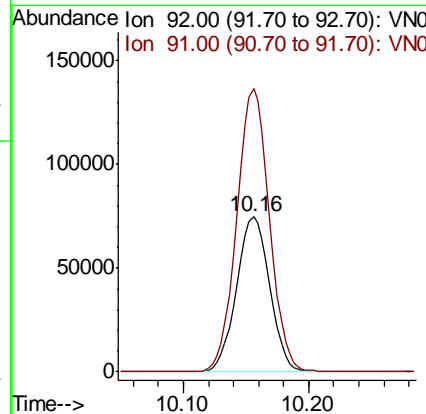
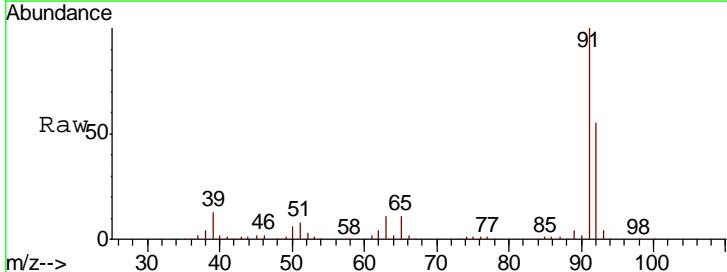
Manual Integrations  
 APPROVED

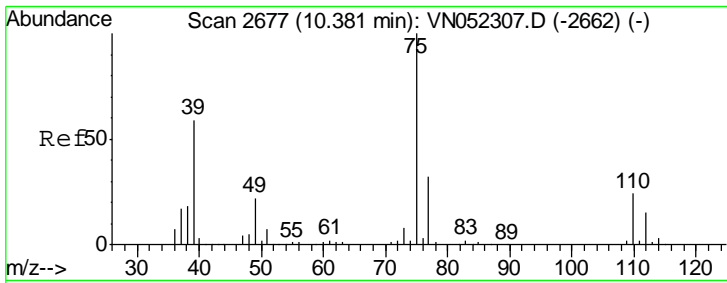
MMDadoda  
 11/19/2018 12:46:05 PM



#52  
 Toluene  
 Concen: 19.289 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
92	100		
91	179.8	143.6	215.4



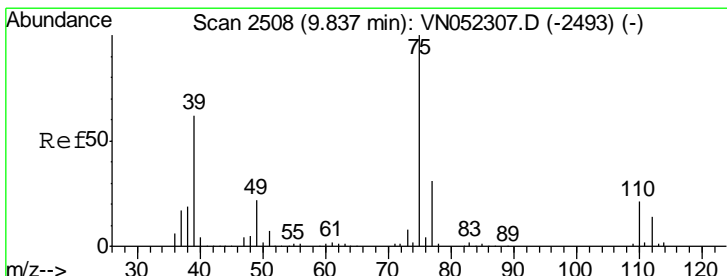
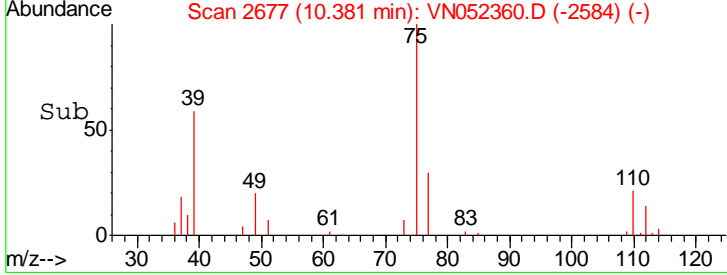
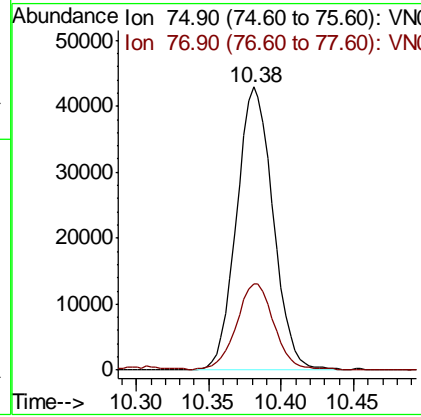
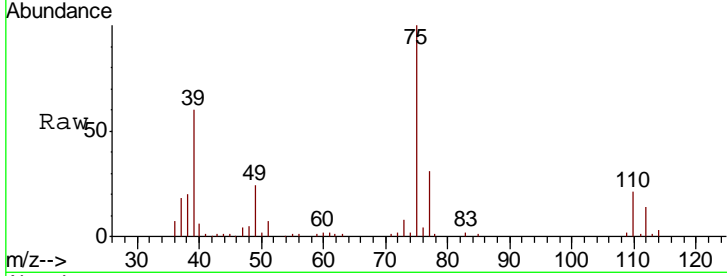


#53  
 t-1,3-Dichloropropene  
 Concen: 18.533 ug/l  
 RT: 10.38 min Scan# 2677  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

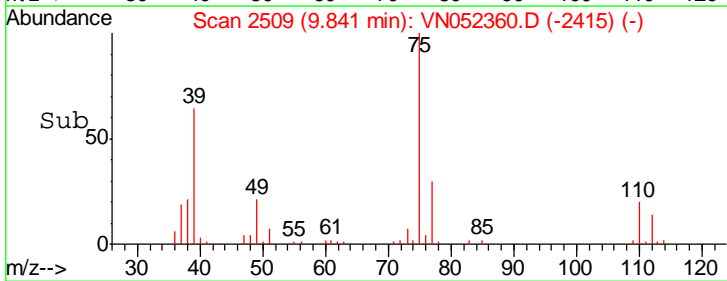
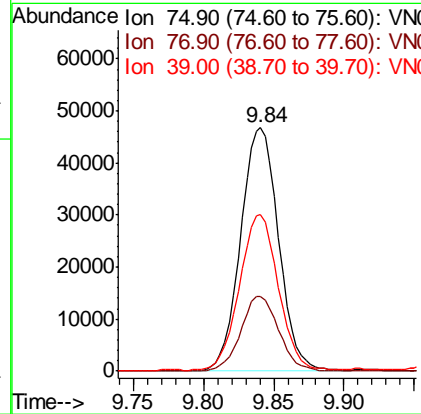
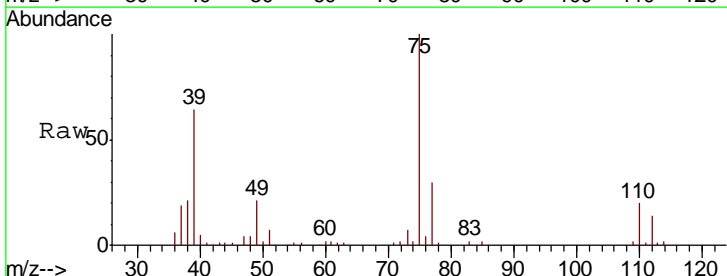
Tgt Ion	Resp	Lower	Upper
75	75034		
75	100		
77	30.6	25.7	38.5

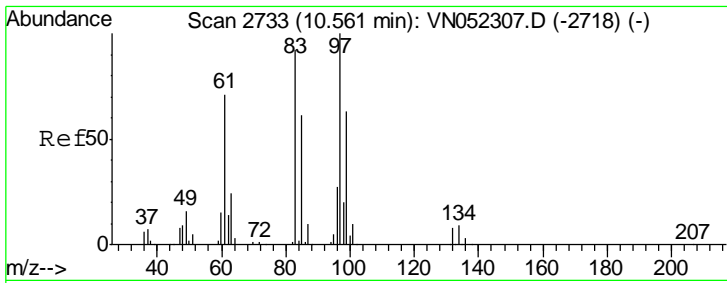
Manual Integrations  
**APPROVED**  
 MMDadoda  
 11/19/2018 12:46:05 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.121 ug/l  
 RT: 9.84 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

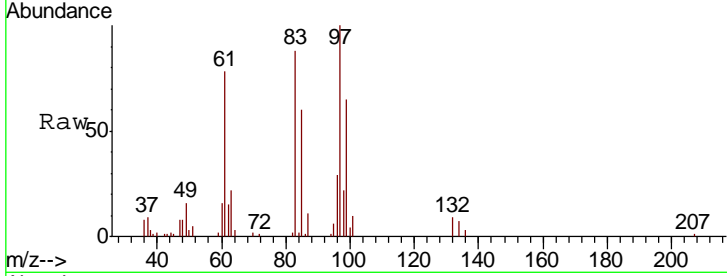
Tgt Ion	Resp	Lower	Upper
75	88252		
75	100		
77	30.5	24.6	36.8
39	64.0	49.9	74.9





#55  
 1,1,2-Trichloroethane  
 Concen: 18.402 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

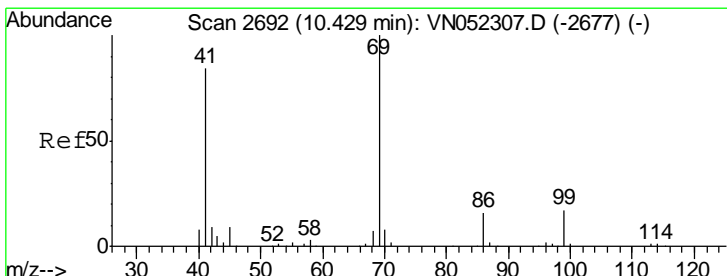
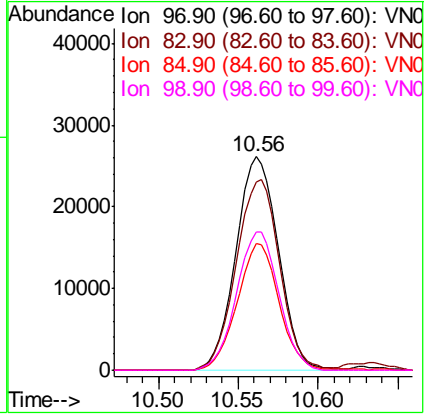
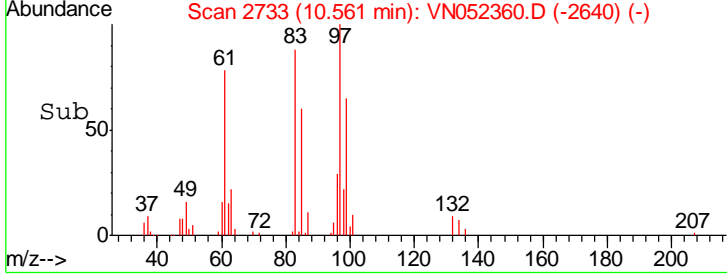
Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02



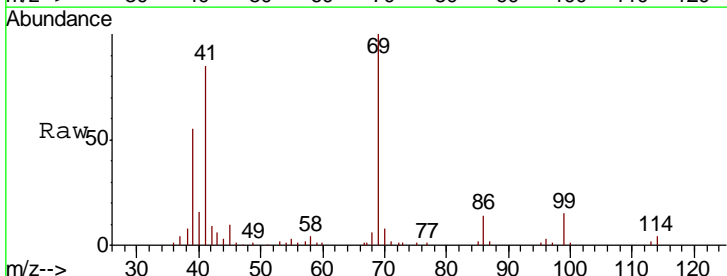
Tgt Ion: 97 Resp: 47518

Ion	Ratio	Lower	Upper
97	100		
83	88.2	73.8	110.6
85	59.6	49.0	73.4
99	64.8	50.5	75.7

Manual Integrations APPROVED  
 MMDadoda  
 11/19/2018 12:46:05 PM

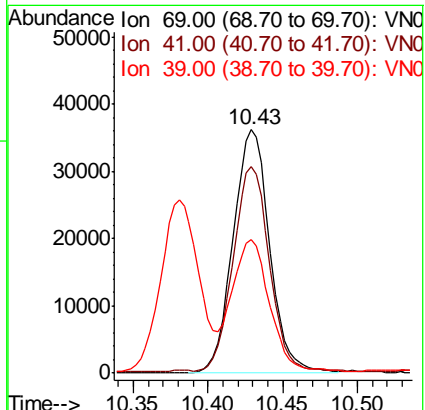
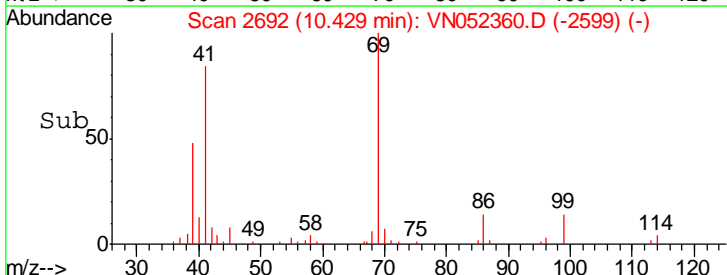


#56  
 Ethyl methacrylate  
 Concen: 18.213 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

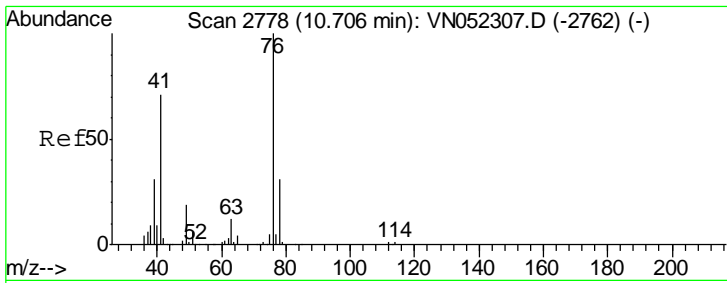


Tgt Ion: 69 Resp: 61851

Ion	Ratio	Lower	Upper
69	100		
41	84.0	64.8	97.2
39	54.8	41.0	61.6





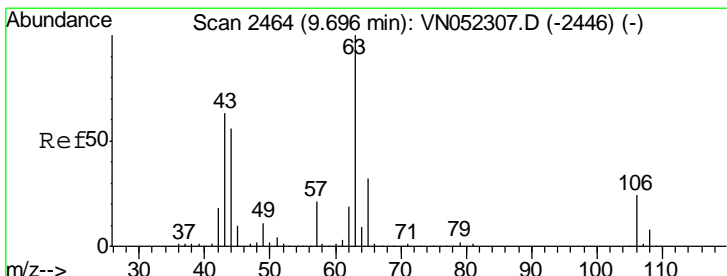
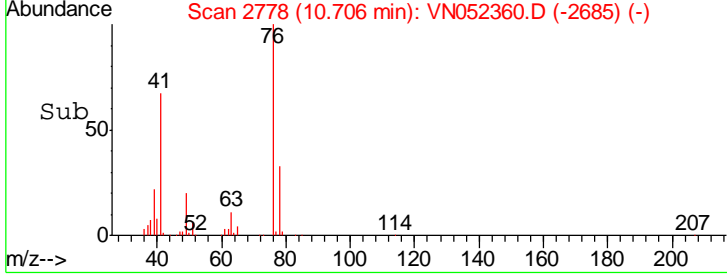
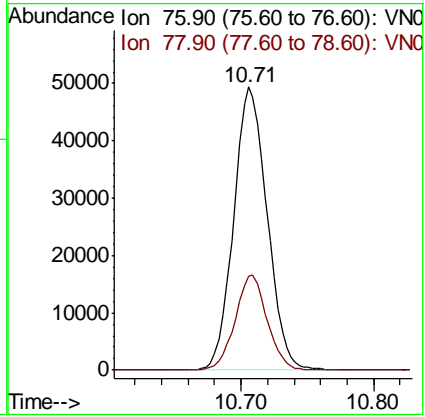
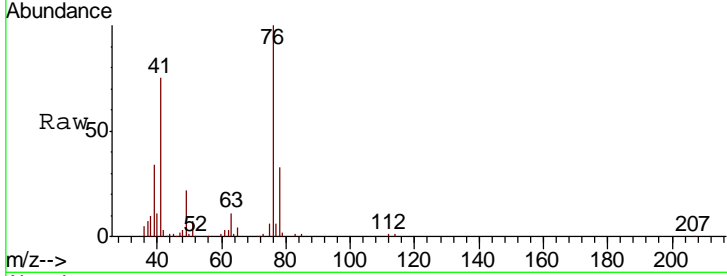


#57  
 1,3-Dichloropropane  
 Concen: 18.902 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

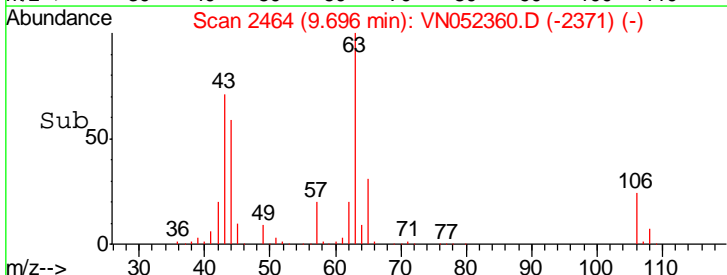
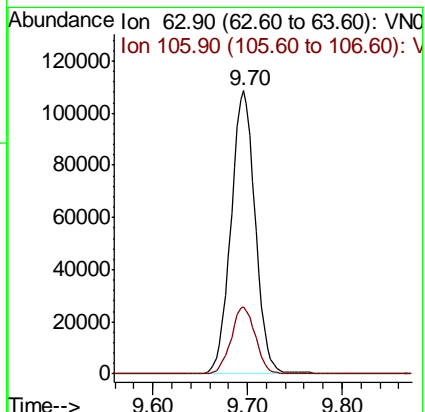
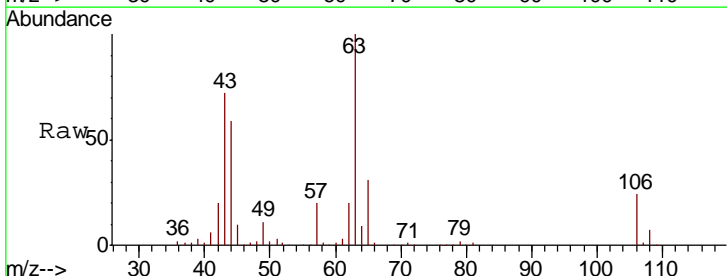
Tgt Ion	Resp	Lower	Upper
76	86457		
76	100		
78	32.1	25.7	38.5

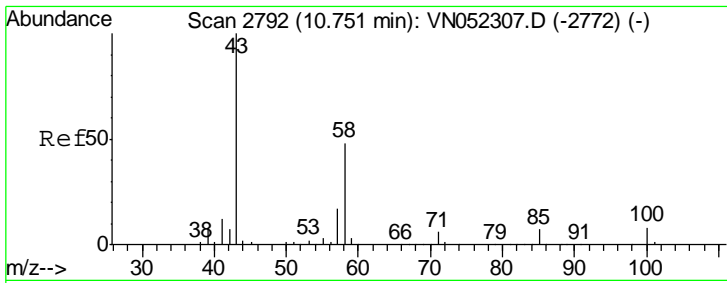
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 99.722 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
63	192805		
63	100		
106	23.8	19.3	28.9





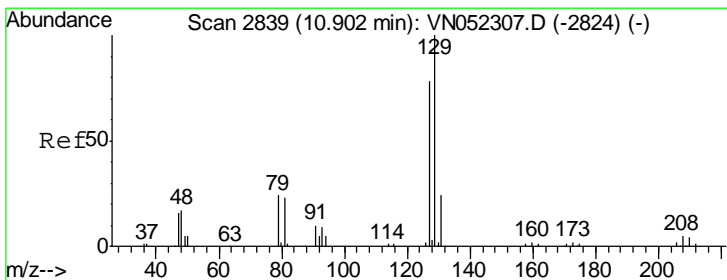
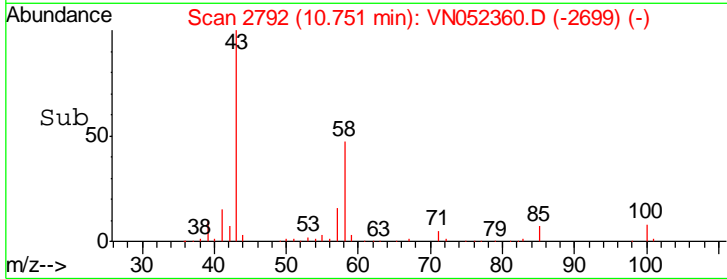
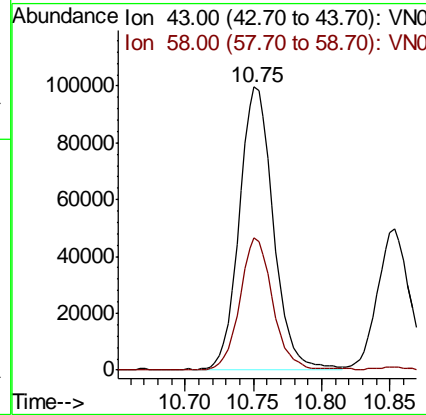
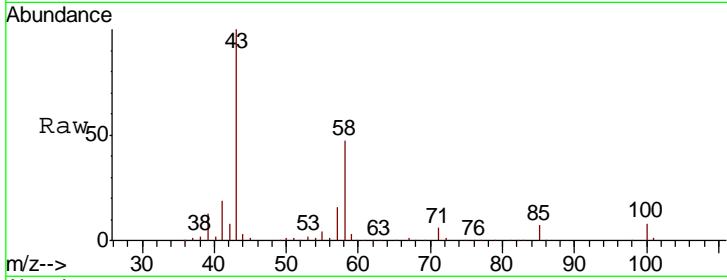
#59  
 2-Hexanone  
 Concen: 84.966 ug/l  
 RT: 10.75 min Scan# 2792  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
43	171719		
58	45.3	23.5	70.6

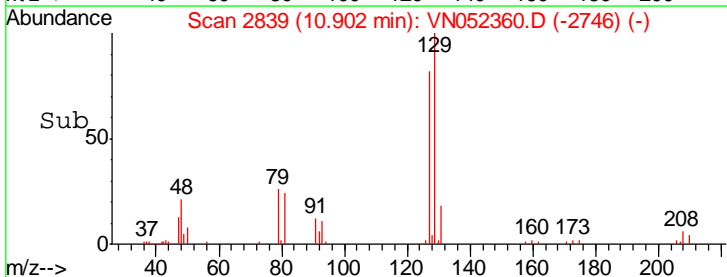
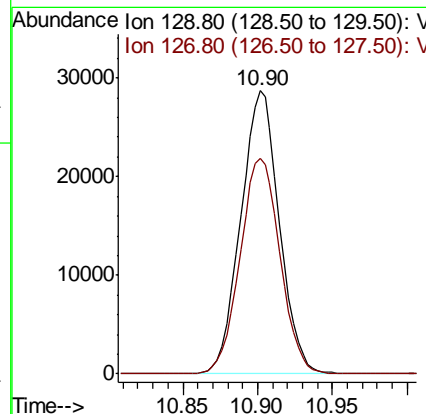
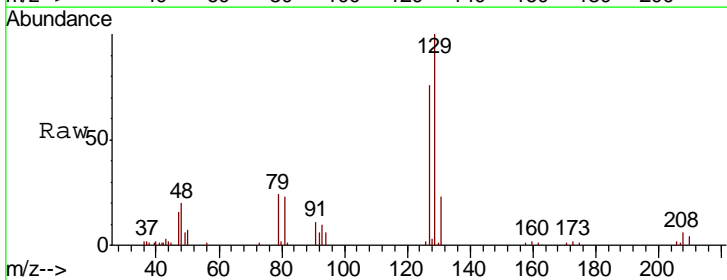
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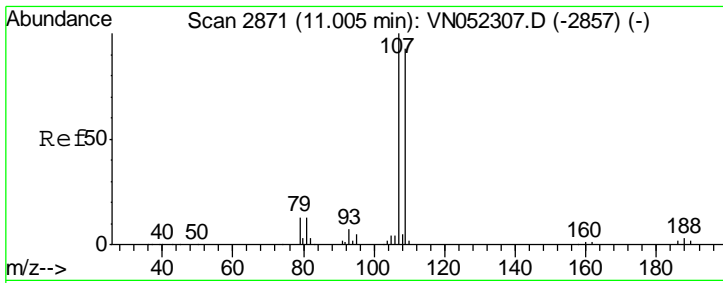
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#60  
 Dibromochloromethane  
 Concen: 18.414 ug/l  
 RT: 10.90 min Scan# 2839  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
129	51446		
127	78.8	38.5	115.5





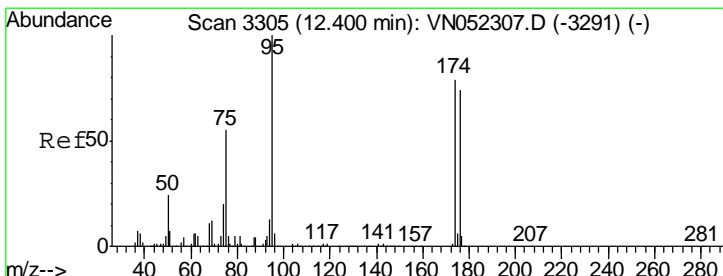
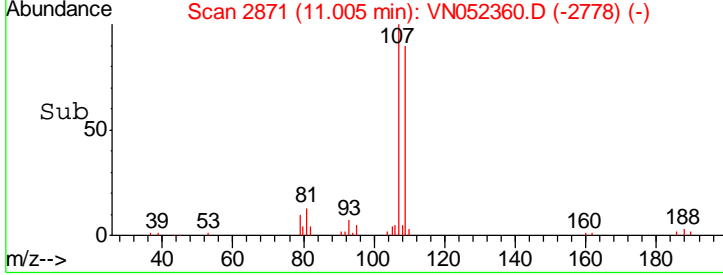
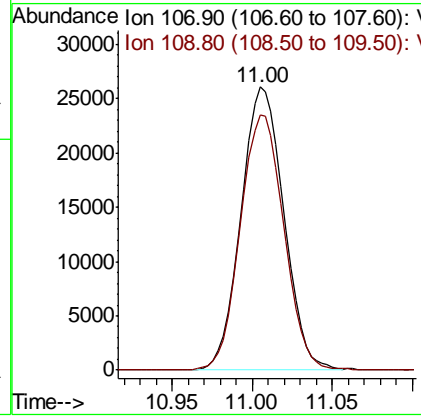
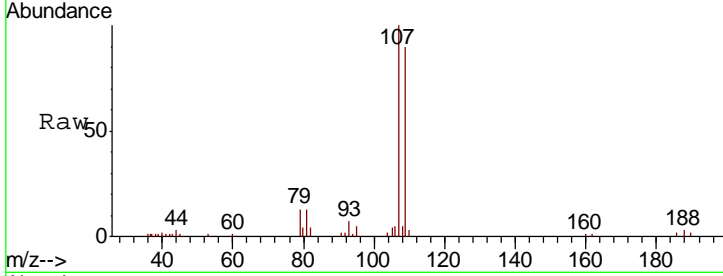
#61  
 1,2-Dibromoethane  
 Concen: 18.506 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
107	100		
109	91.9	74.9	112.3

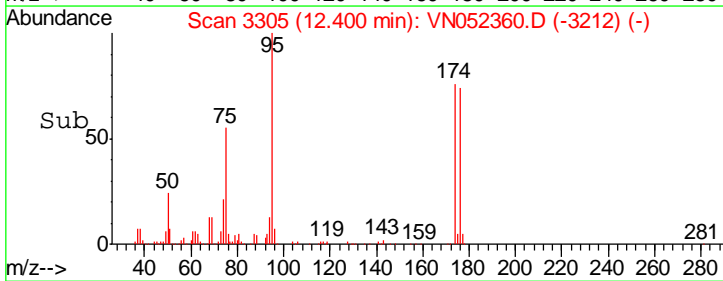
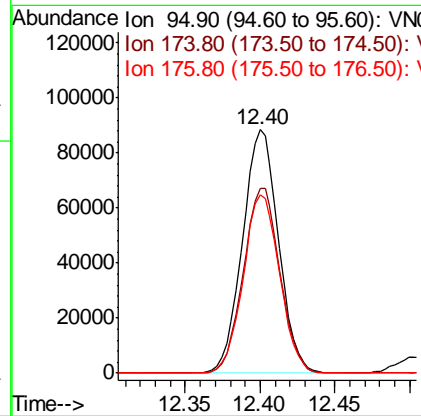
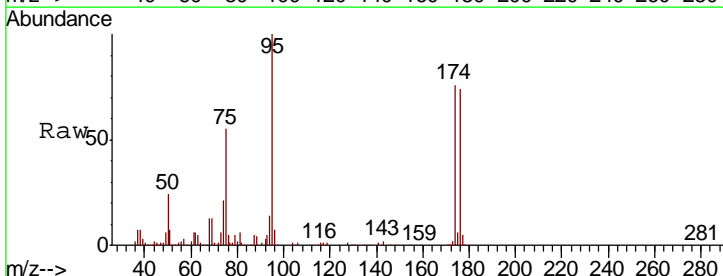
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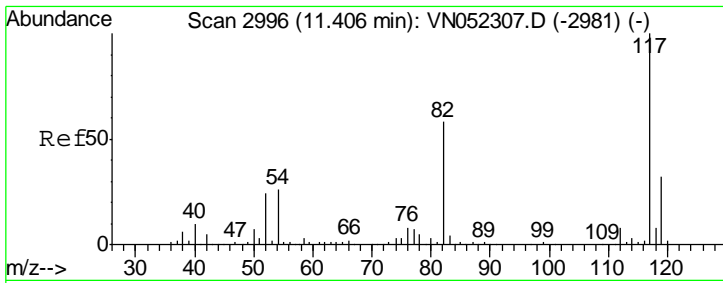
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#62  
 4-Bromofluorobenzene  
 Concen: 18.506 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

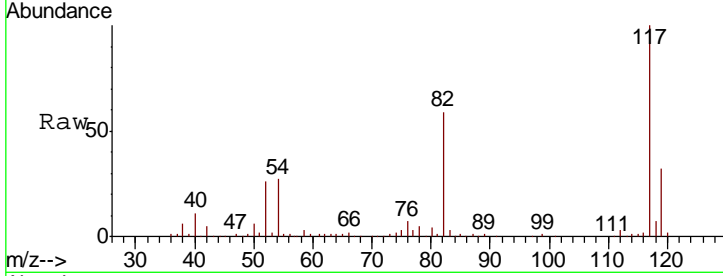
Tgt Ion	Resp	Lower	Upper
95	100		
174	77.3	0.0	156.0
176	74.2	0.0	148.4





#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.41 min Scan# 2996  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

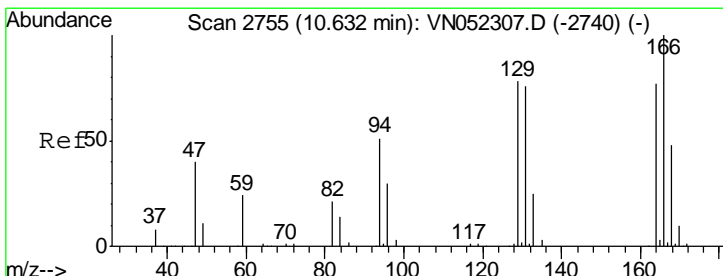
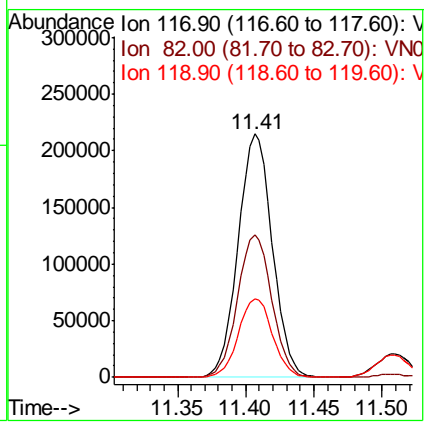
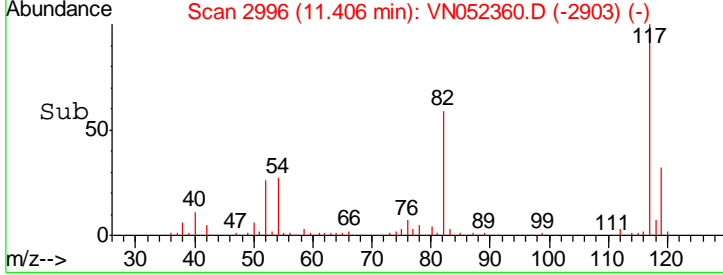
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02



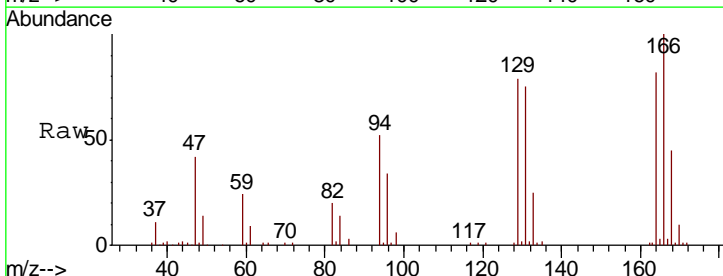
Tgt Ion: 117 Resp: 373823

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.5	69.7
119	32.2	25.7	38.5

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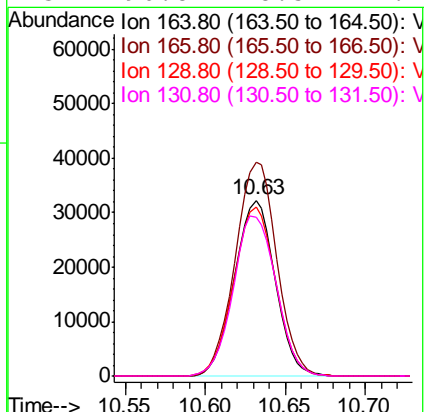
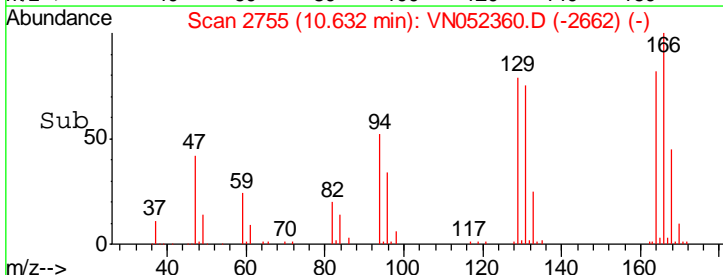


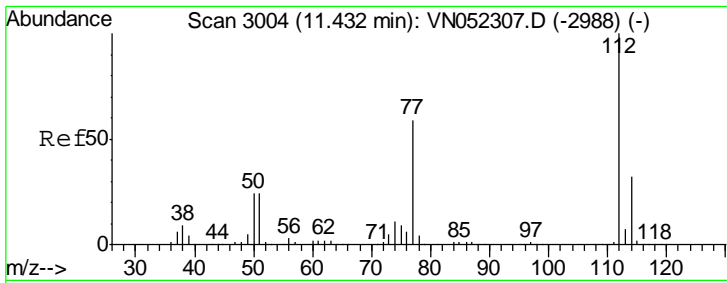
#64  
 Tetrachloroethene  
 Concen: 21.030 ug/l  
 RT: 10.63 min Scan# 2755  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13



Tgt Ion: 164 Resp: 55890

Ion	Ratio	Lower	Upper
164	100		
166	121.7	103.8	155.6
129	96.1	80.7	121.1
131	90.8	78.5	117.7





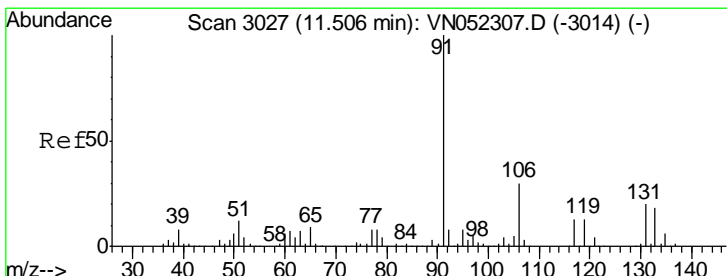
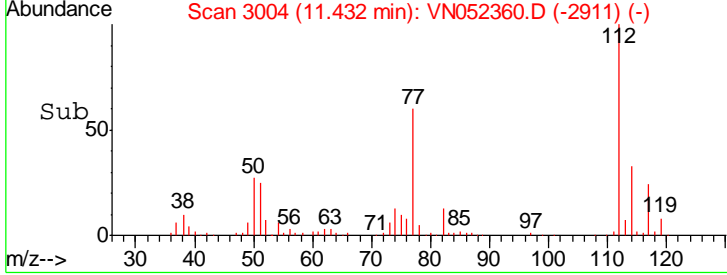
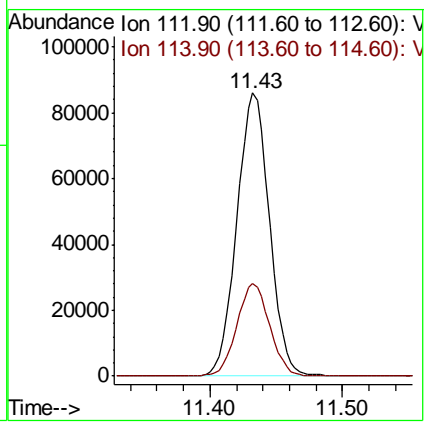
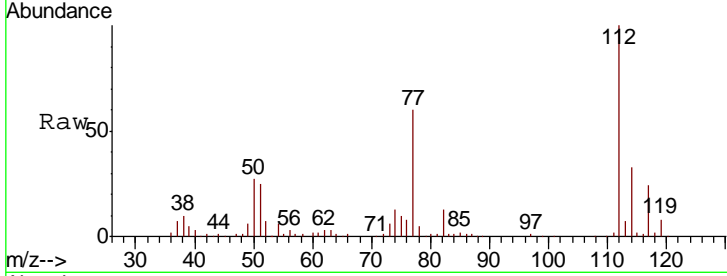
#65  
 Chlorobenzene  
 Concen: 18.571 ug/l  
 RT: 11.43 min Scan# 3004  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 Client Sampled : VN1116WBS02

Tgt Ion: 112 Resp: 146745

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.9	38.9

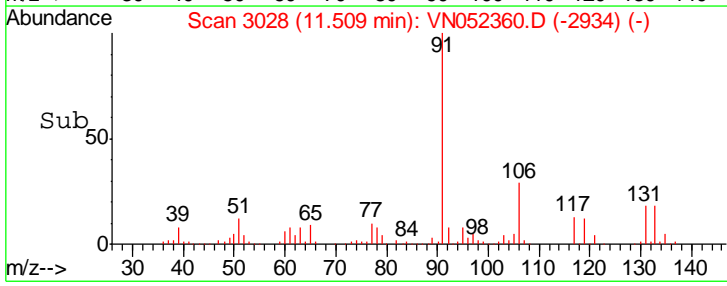
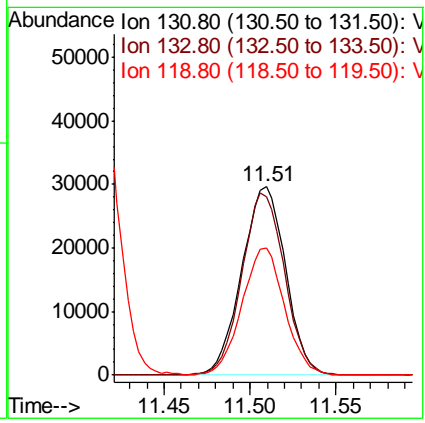
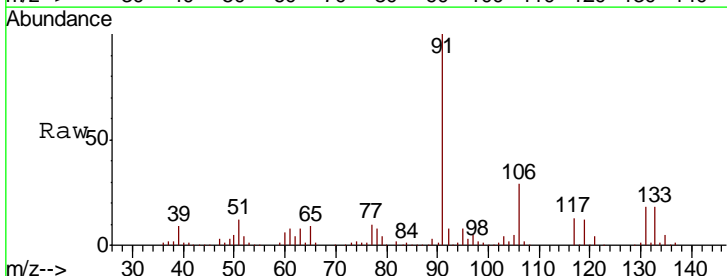
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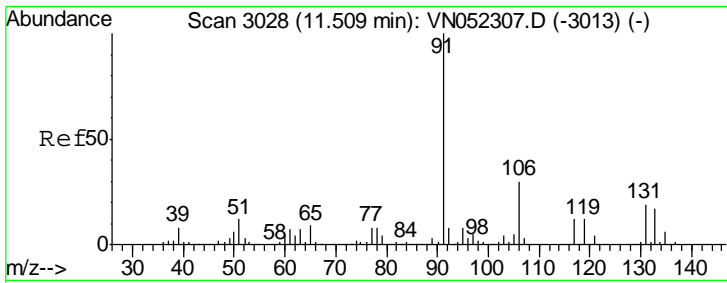


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.421 ug/l  
 RT: 11.51 min Scan# 3028  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
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Tgt Ion: 131 Resp: 52331

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.4	142.3
119	65.7	33.3	99.9



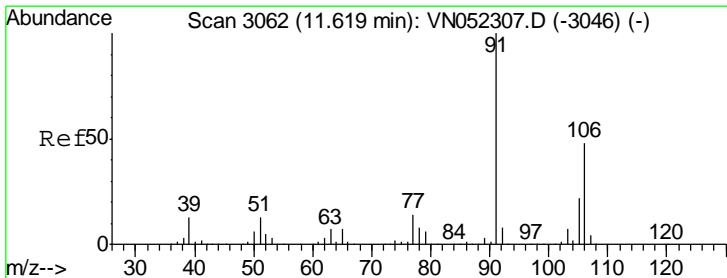
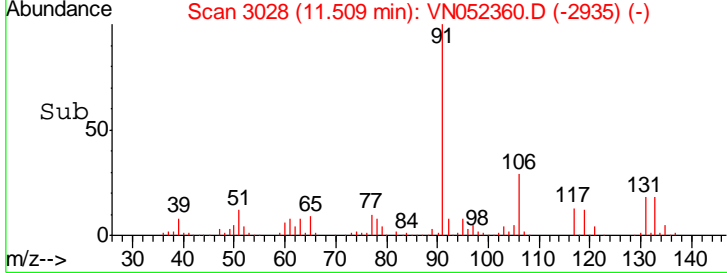
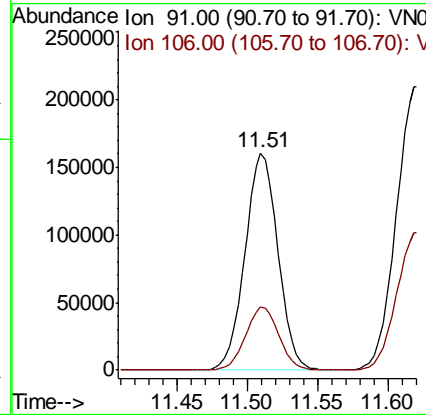
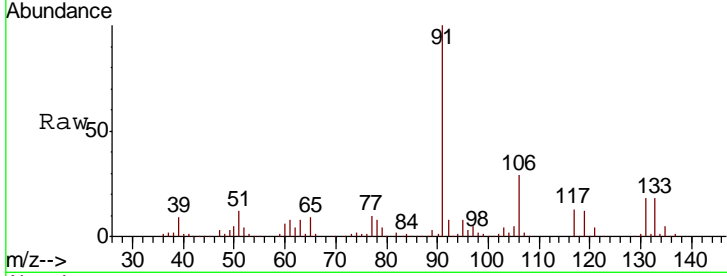


#67  
Ethyl Benzene  
Concen: 19.189 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN052360.D  
Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
ClientSampled : VN1116WBS02

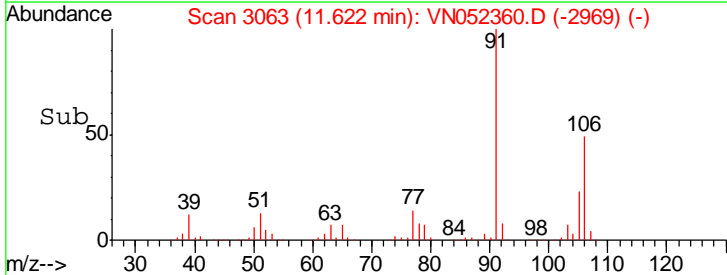
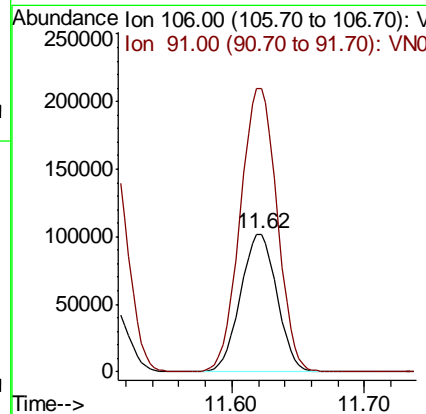
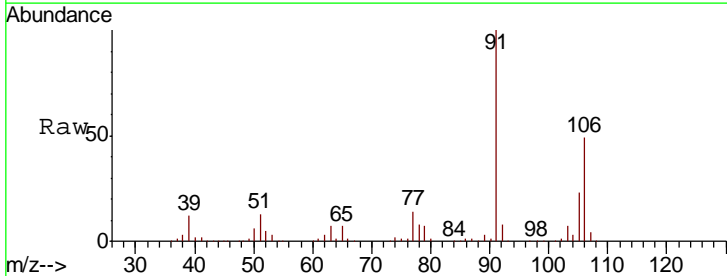
Tgt Ion: 91 Resp: 263168  
Ion Ratio Lower Upper  
91 100  
106 29.0 24.2 36.2

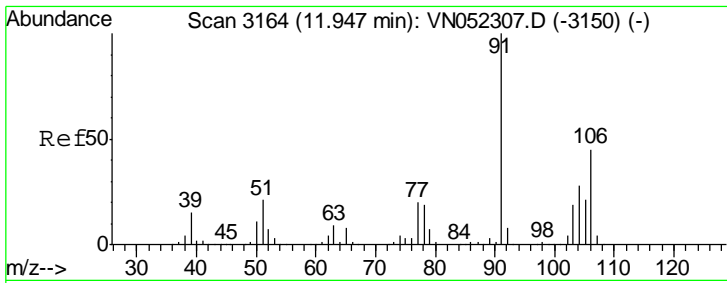
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#68  
m/p-Xylenes  
Concen: 38.890 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN052360.D  
Acq: 16 Nov 2018 13:13

Tgt Ion: 106 Resp: 194871  
Ion Ratio Lower Upper  
106 100  
91 207.4 165.5 248.3





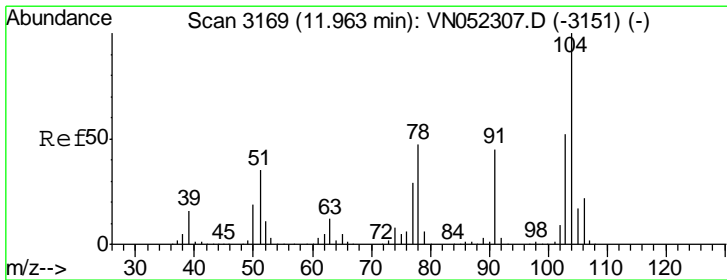
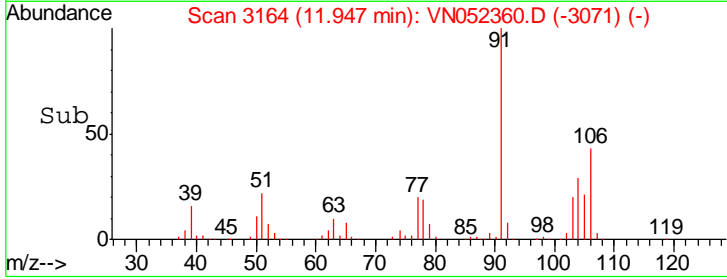
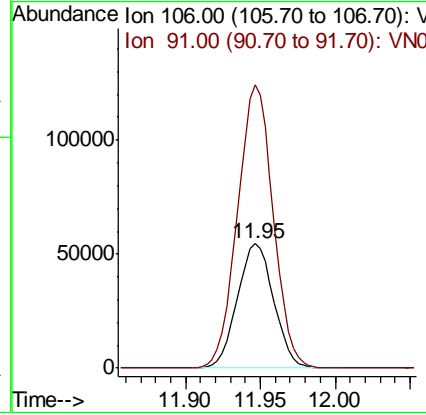
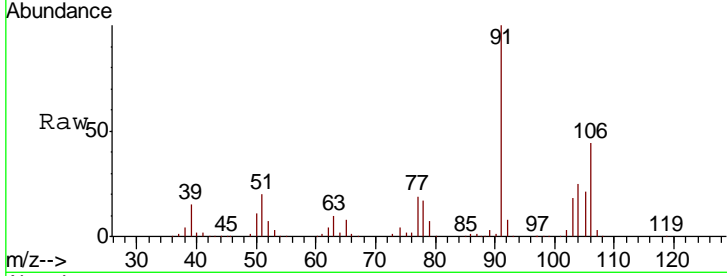
#69  
 o-Xylene  
 Concen: 19.197 ug/l  
 RT: 11.95 min Scan# 3164  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
106	92207		
106	100		
91	223.5	110.0	330.0

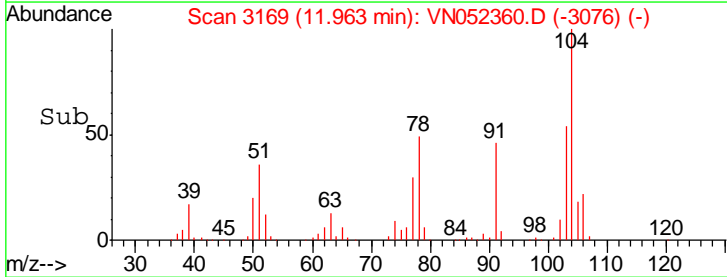
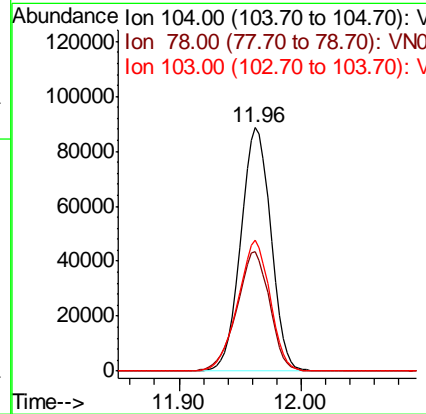
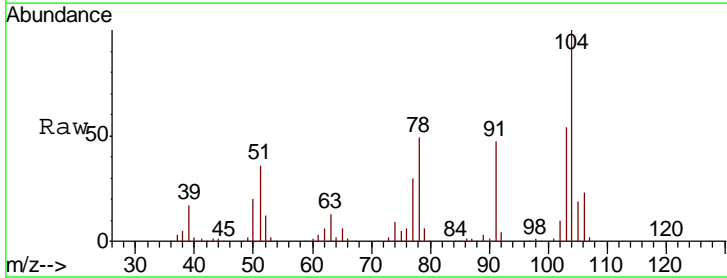
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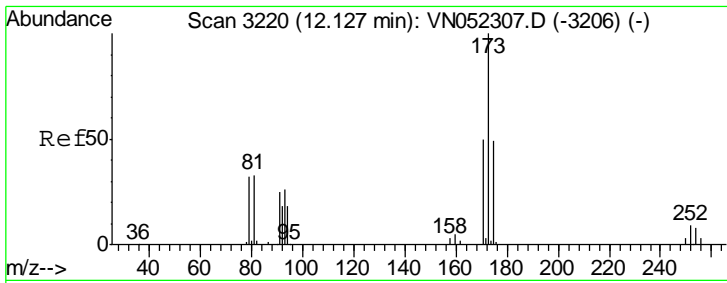
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#70  
 Styrene  
 Concen: 19.625 ug/l  
 RT: 11.96 min Scan# 3169  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
104	150939		
104	100		
78	53.7	42.7	64.1
103	57.6	45.4	68.0





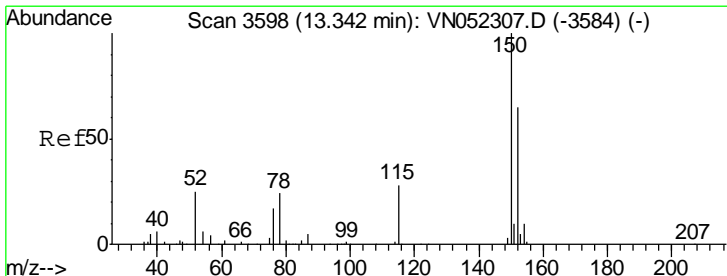
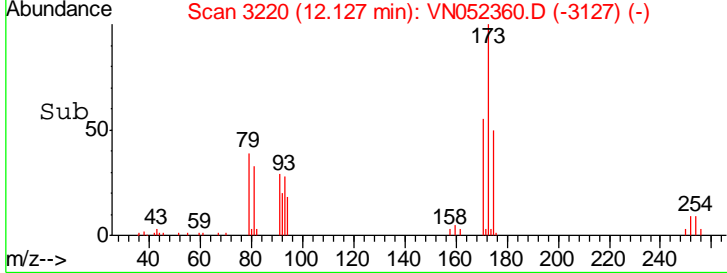
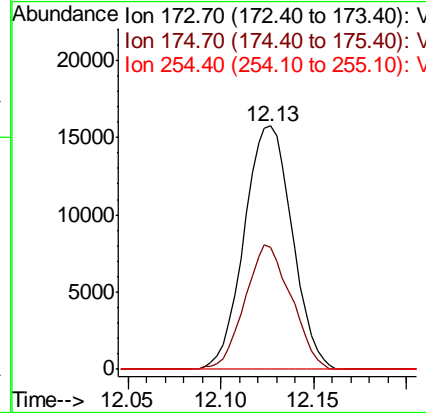
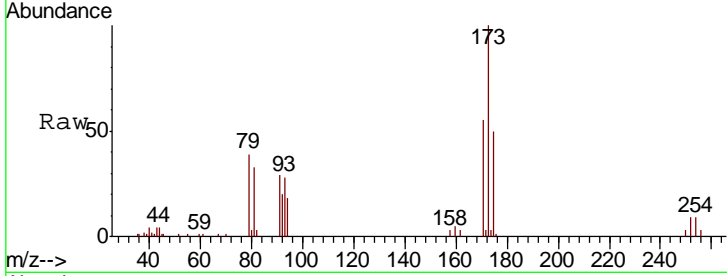
#71  
 Bromoform  
 Concen: 17.797 ug/l  
 RT: 12.13 min Scan# 3220  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 Client Sampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
173	28313		
173	100		
175	49.5	25.0	75.0
254	0.0	0.0	0.0

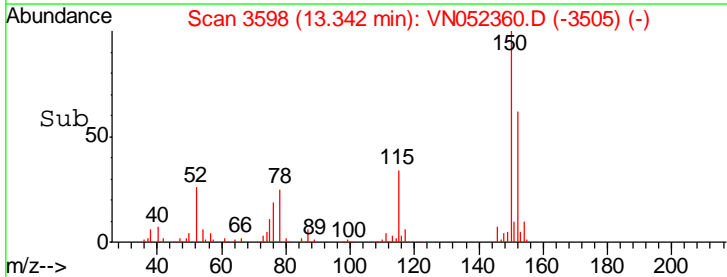
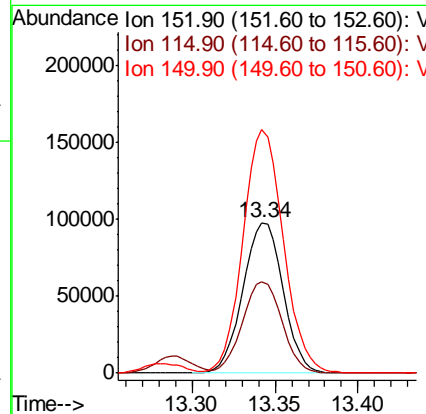
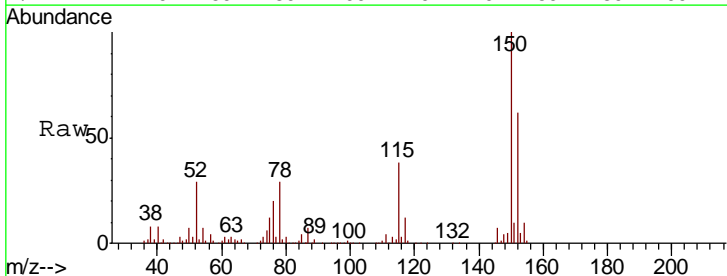
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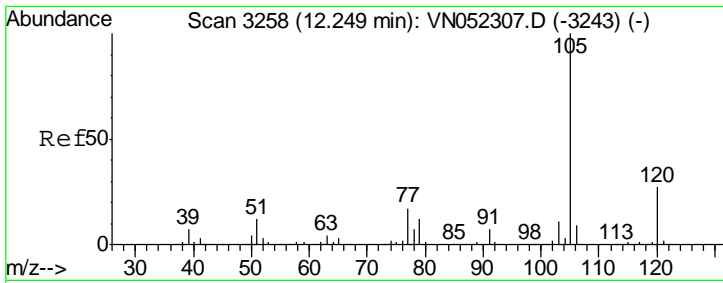


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.34 min Scan# 3598  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
152	164153		
152	100		
115	60.2	30.3	91.0
150	163.5	0.0	348.2







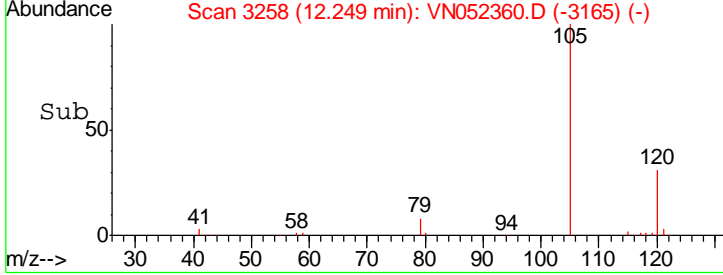
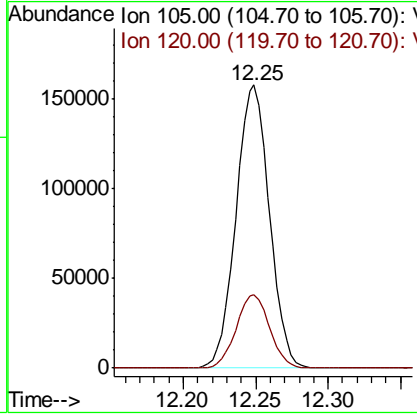
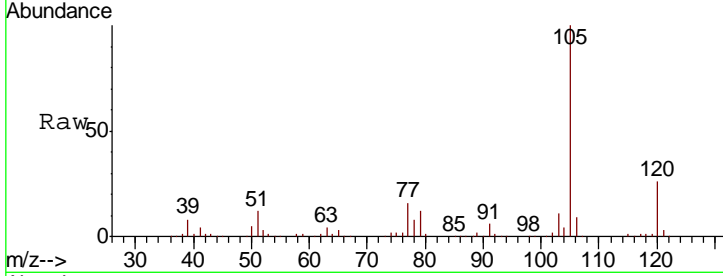
#73  
 Isopropylbenzene  
 Concen: 19.072 ug/l  
 RT: 12.25 min Scan# 3258  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
105	100		
120	26.1	13.4	40.1

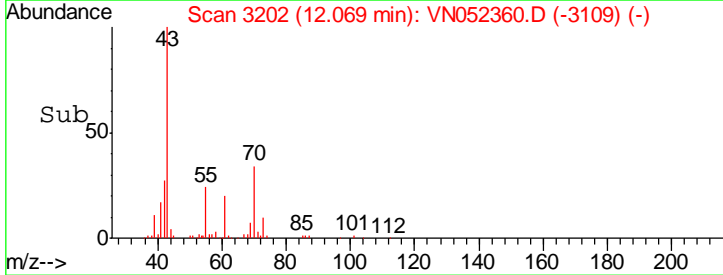
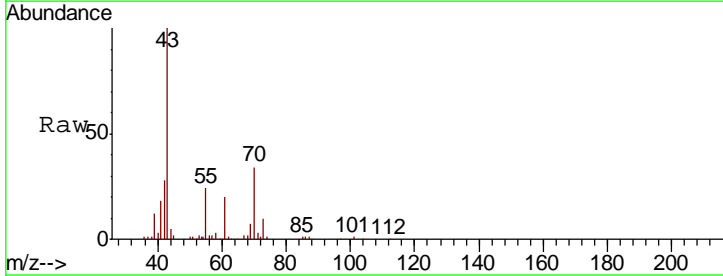
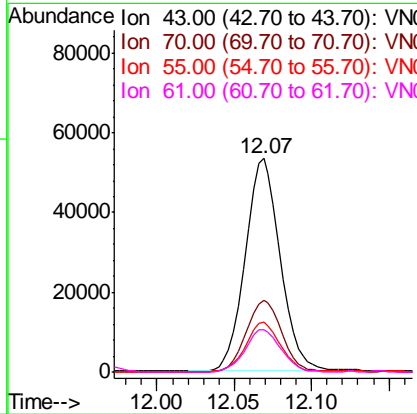
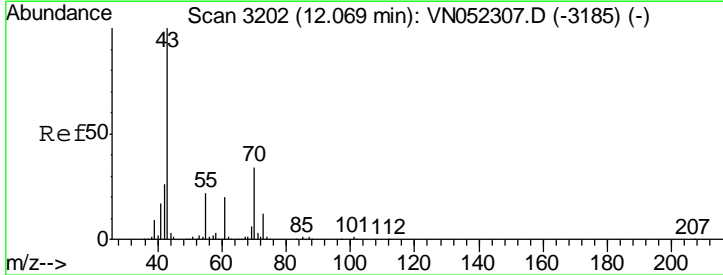
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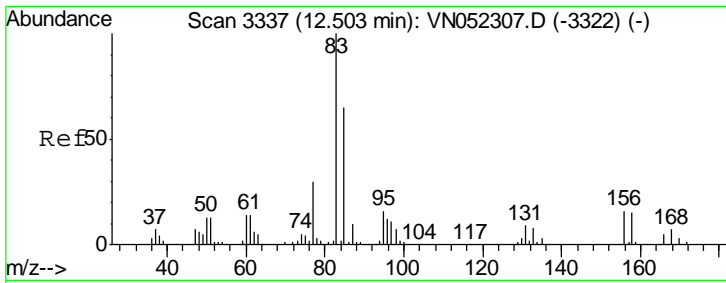
MMDadoda  
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#74  
 N-nyl acetate  
 Concen: 17.959 ug/l  
 RT: 12.07 min Scan# 3202  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
43	100		
70	34.6	27.1	40.7
55	23.2	17.4	26.0
61	20.3	16.1	24.1





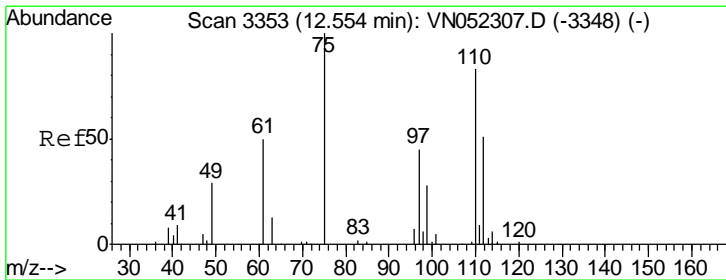
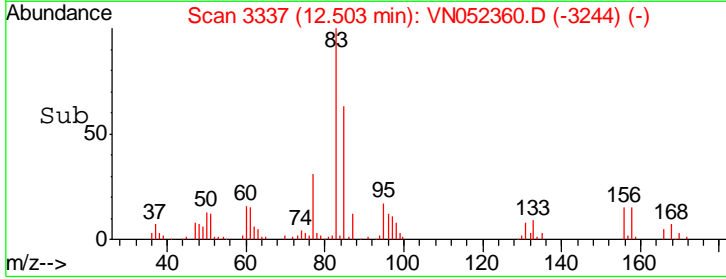
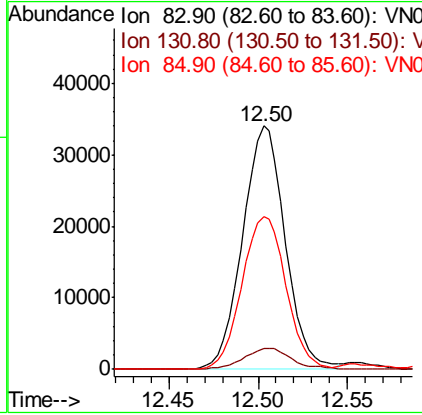
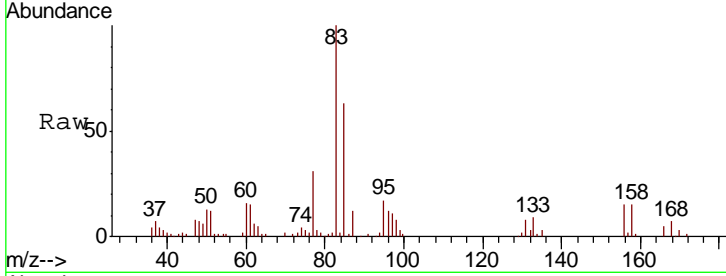
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.851 ug/l  
 RT: 12.50 min Scan# 3337  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1116WBS02

Tgt Ion	Resp	Lower	Upper
83	100		
131	9.7	4.7	14.1
85	64.9	32.4	97.2

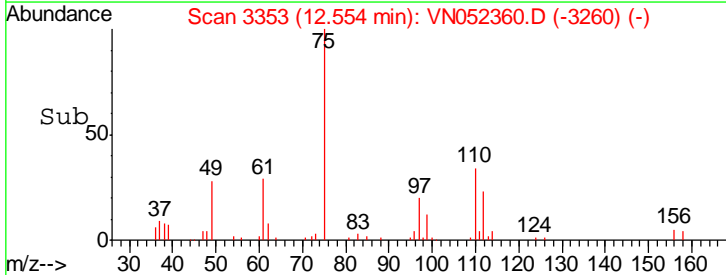
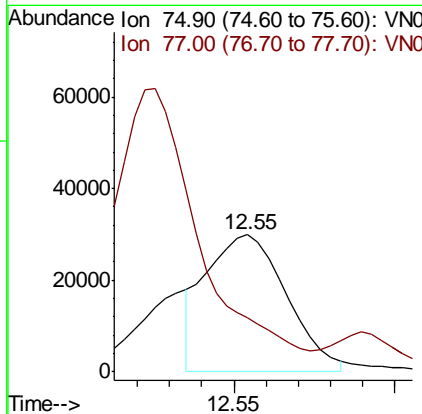
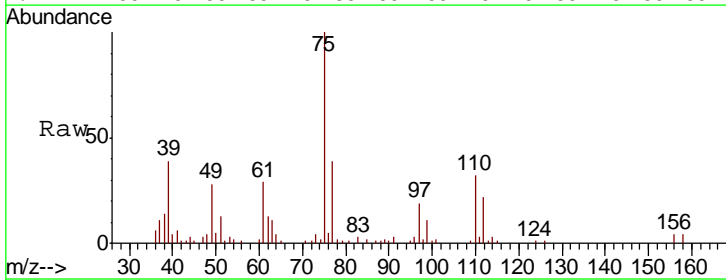
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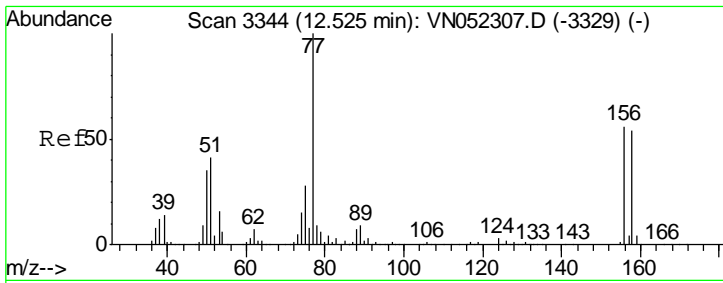
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#76  
 1,2,3-Trichloropropane  
 Concen: 18.649 ug/l m  
 RT: 12.55 min Scan# 3353  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0





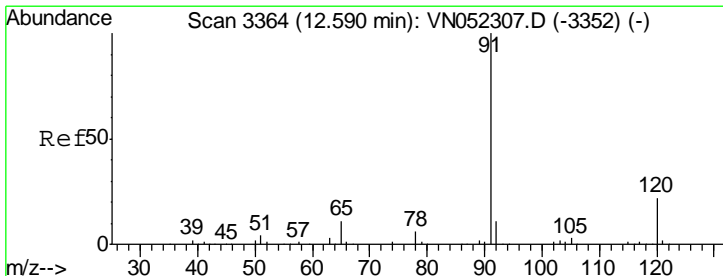
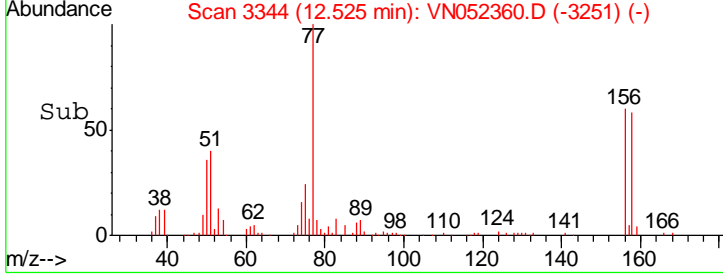
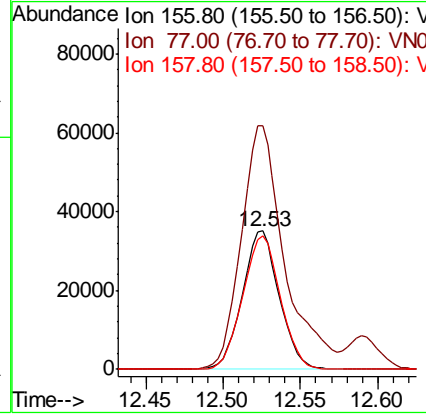
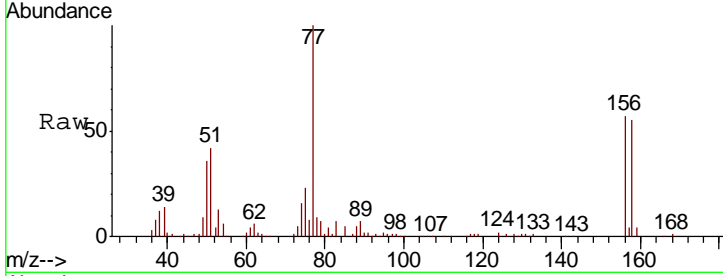
#77  
 Bromobenzene  
 Concen: 18.931 ug/l  
 RT: 12.53 min Scan# 3344  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
156	58133		
156	100		
77	206.5	103.6	310.9
158	98.4	48.1	144.4

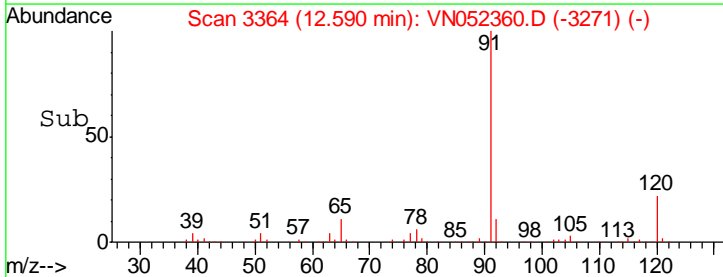
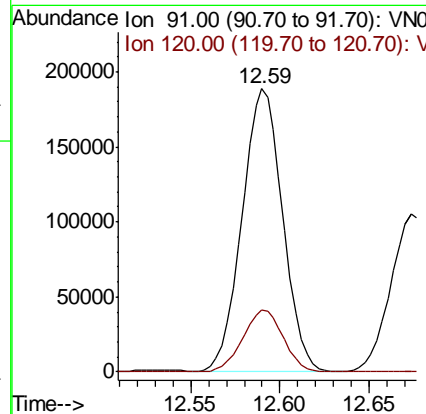
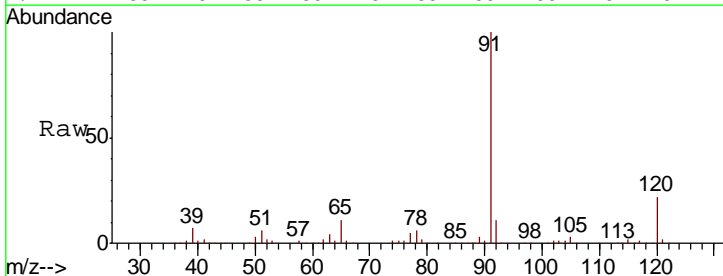
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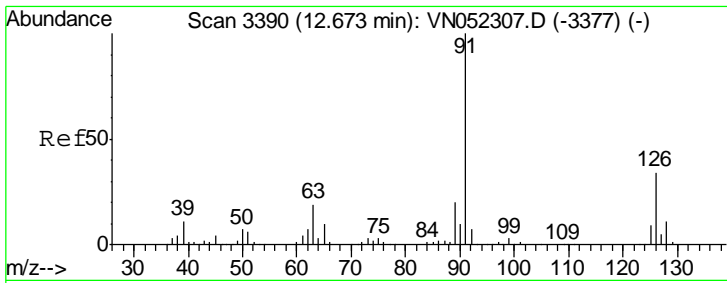
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#78  
 n-propylbenzene  
 Concen: 19.338 ug/l  
 RT: 12.59 min Scan# 3364  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
91	298488		
91	100		
120	21.8	11.1	33.1





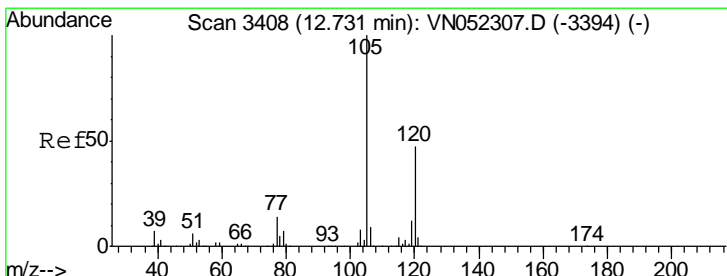
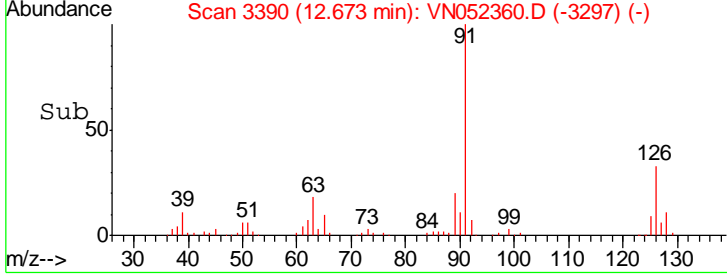
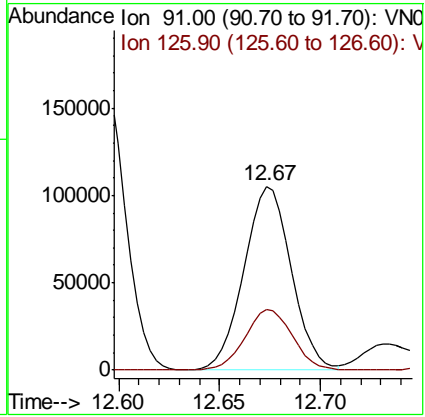
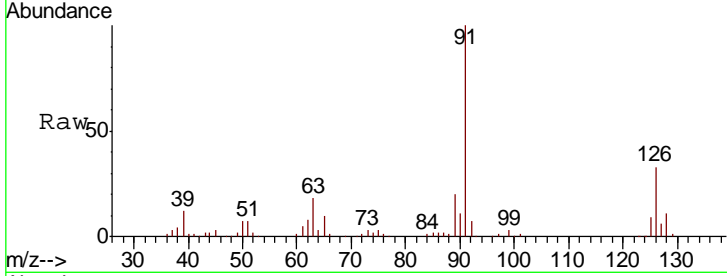
#79  
 2-Chlorotoluene  
 Concen: 19.116 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
91	100		
126	32.9	17.0	51.0

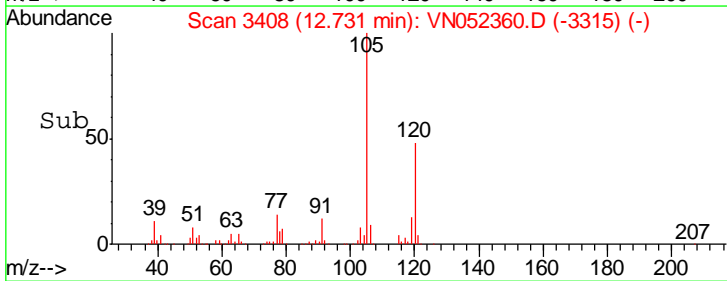
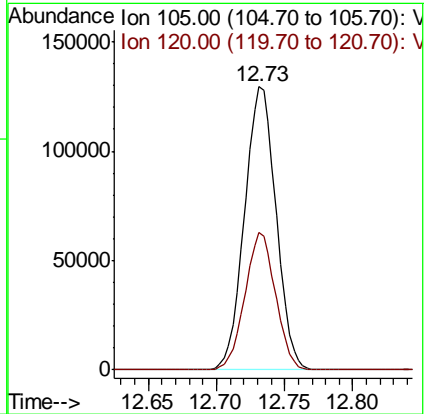
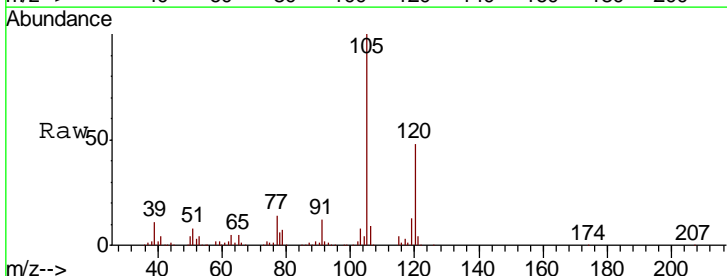
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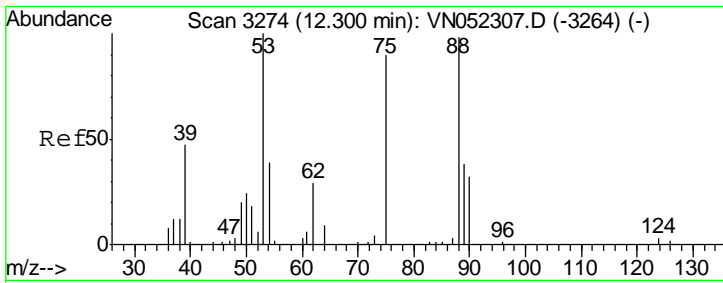
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.749 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
105	100		
120	47.1	23.7	71.1





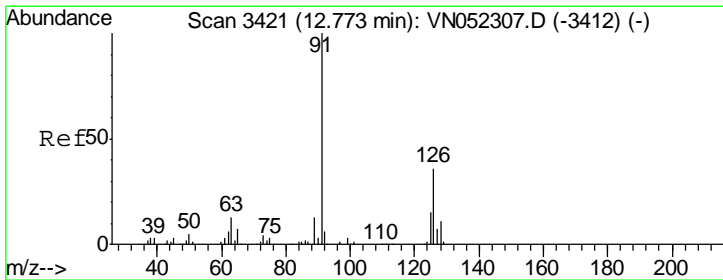
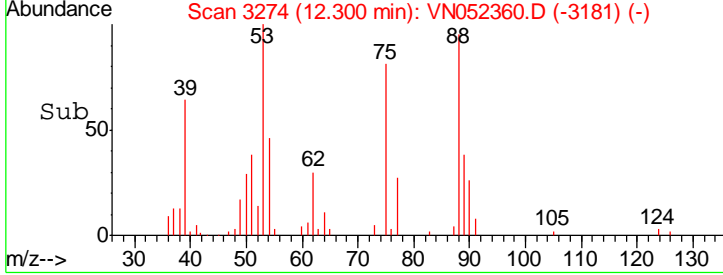
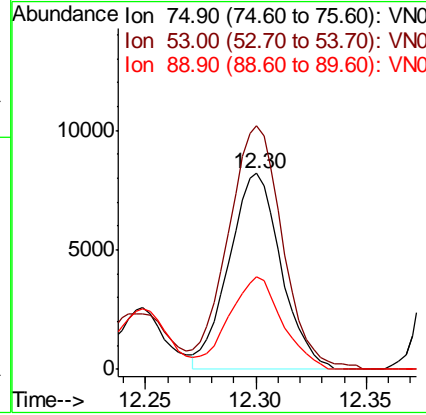
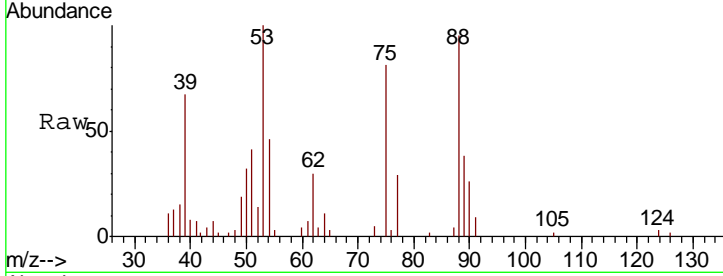
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 15.691 ug/l  
 RT: 12.30 min Scan# 3274  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
75	13475		
75	100		
53	130.7	90.2	135.2
89	48.3	35.4	53.0

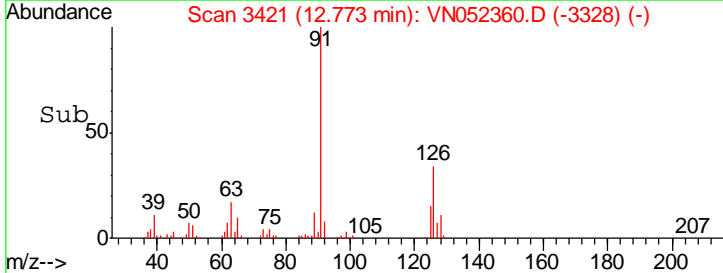
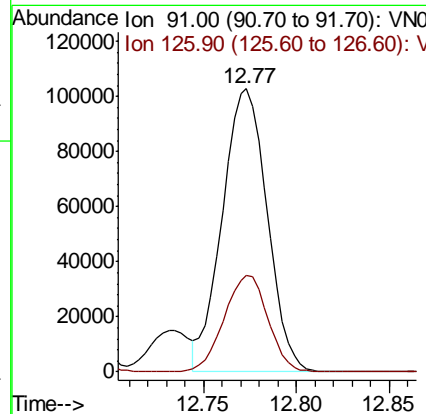
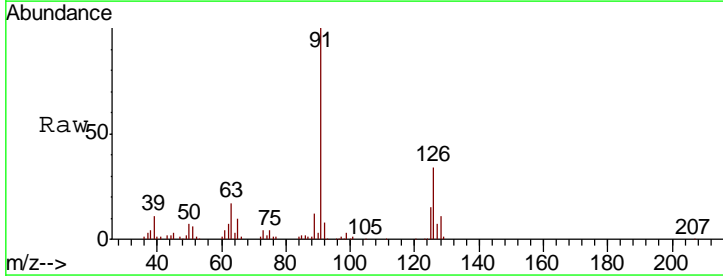
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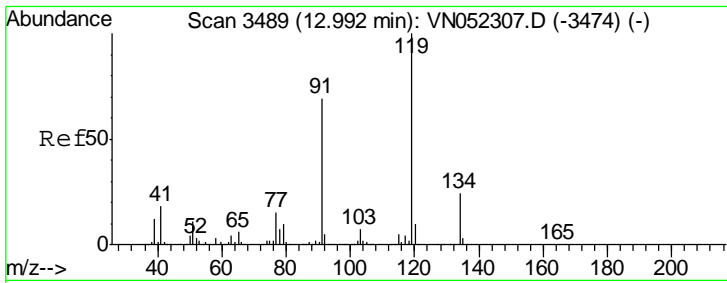
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#82  
 4-Chlorotoluene  
 Concen: 18.710 ug/l  
 RT: 12.77 min Scan# 3421  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
91	172842		
91	100		
126	33.3	17.0	50.9





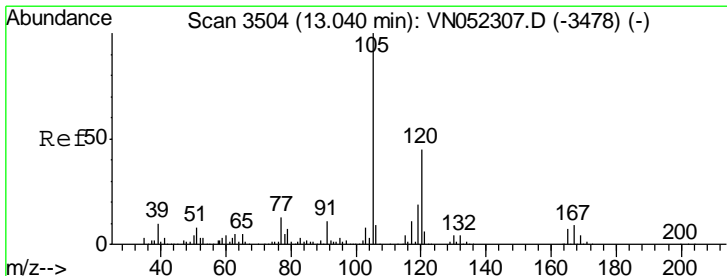
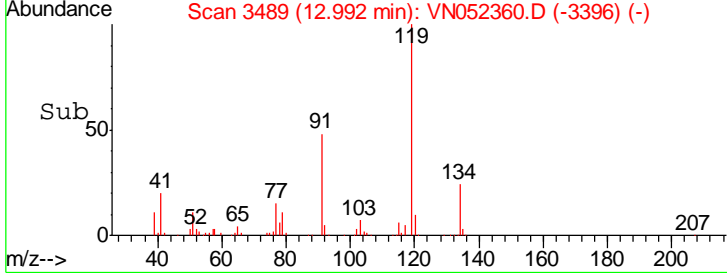
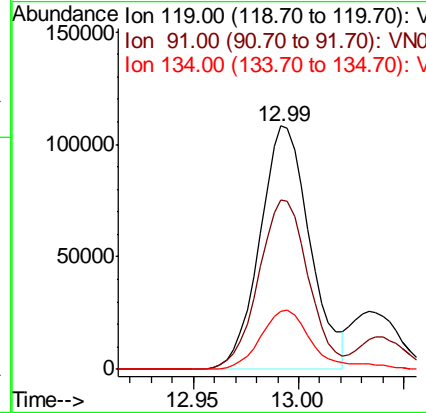
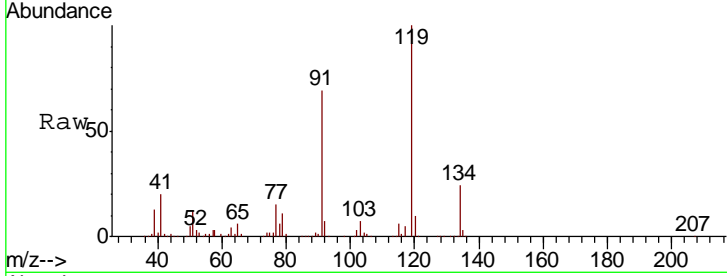
#83  
 tert-Butylbenzene  
 Concen: 19.272 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
119	178568		
91	69.3	33.8	101.3
134	25.5	11.9	35.9

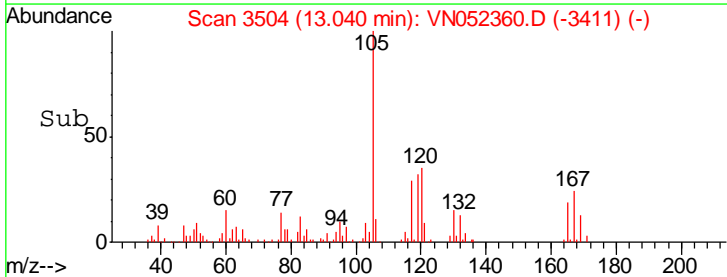
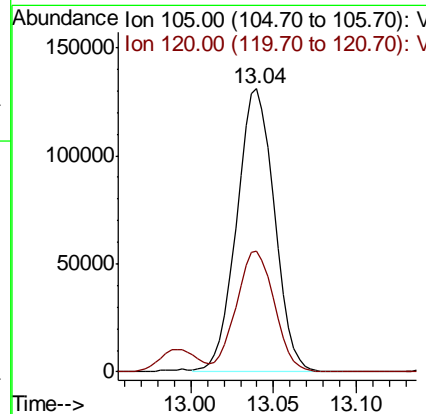
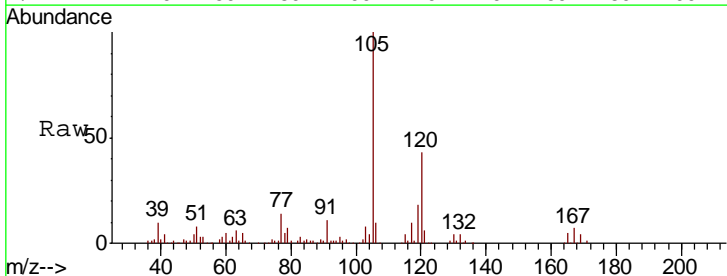
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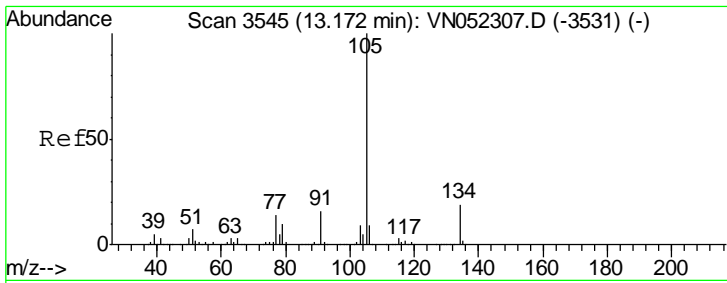
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.528 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
105	205751		
120	43.7	22.5	67.5





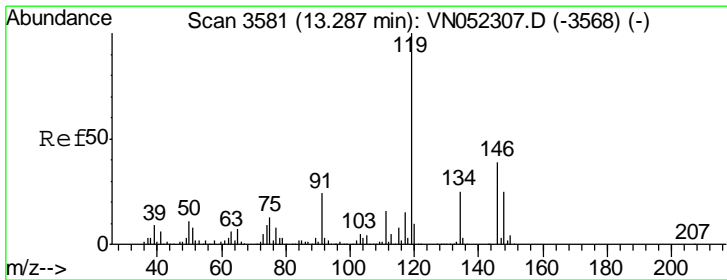
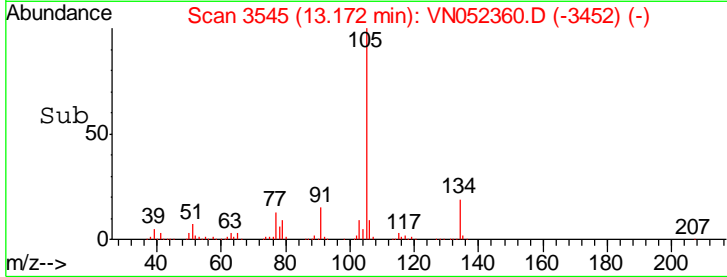
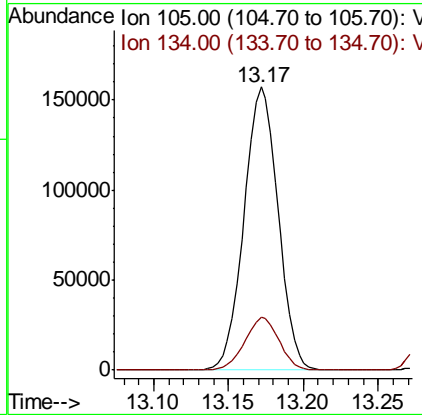
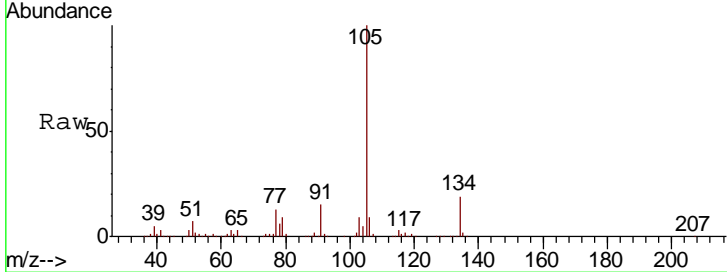
#85  
 sec-Butylbenzene  
 Concen: 19.718 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
105	100		
134	18.8	9.5	28.5

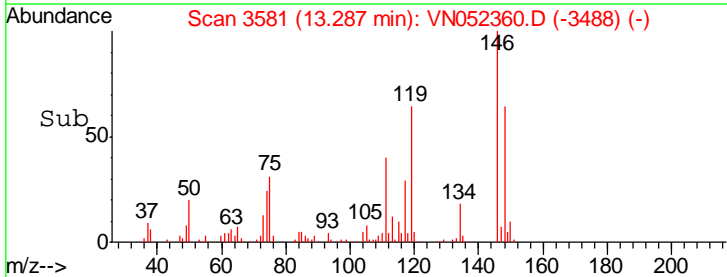
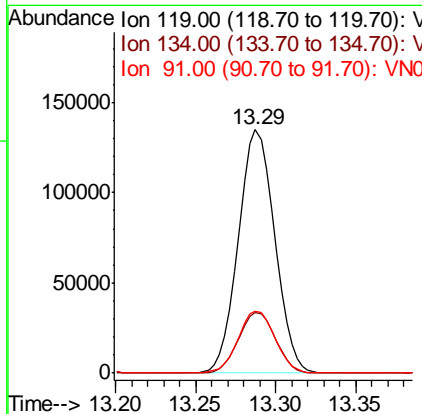
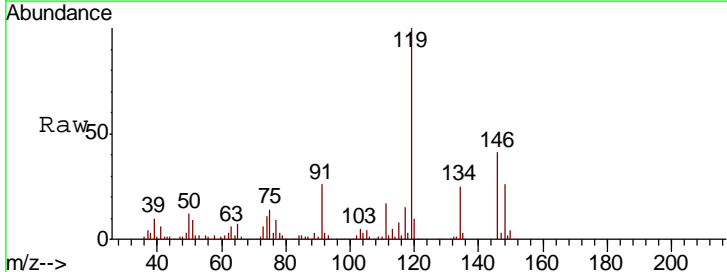
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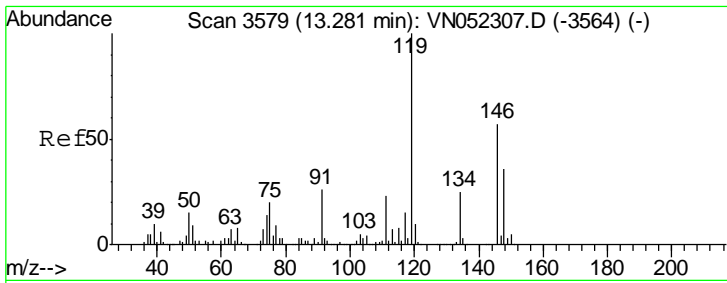
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#86  
 p-Isopropyltoluene  
 Concen: 19.562 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
119	100		
134	25.4	13.0	38.9
91	25.9	12.4	37.0





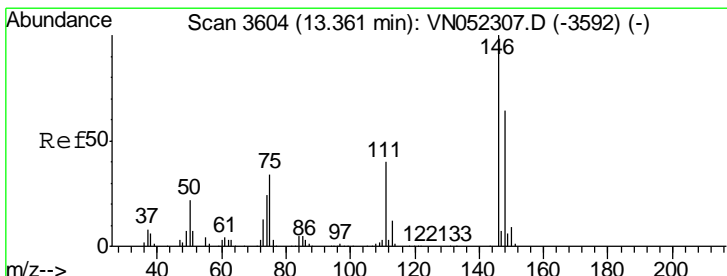
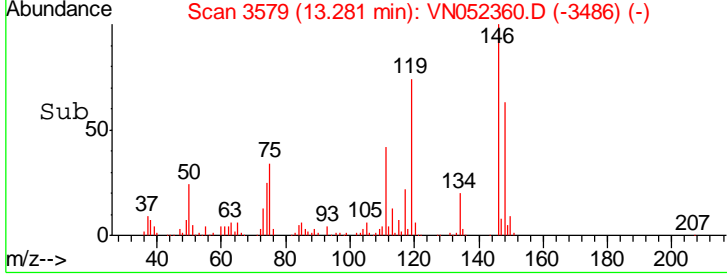
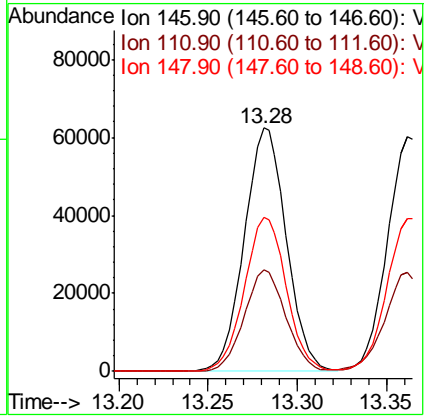
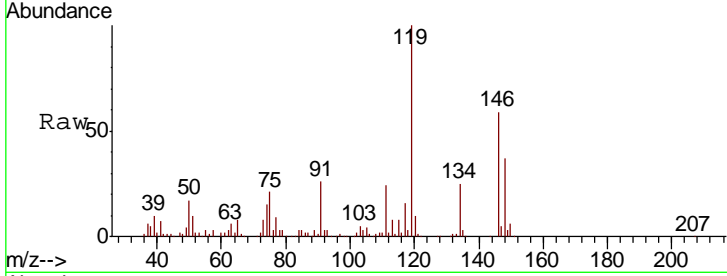
#87  
 1,3-Dichlorobenzene  
 Concen: 18.875 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
146	102941		
146	100		
111	41.0	20.3	61.0
148	63.0	31.8	95.4

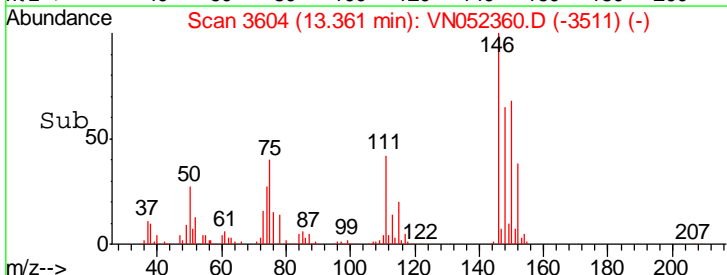
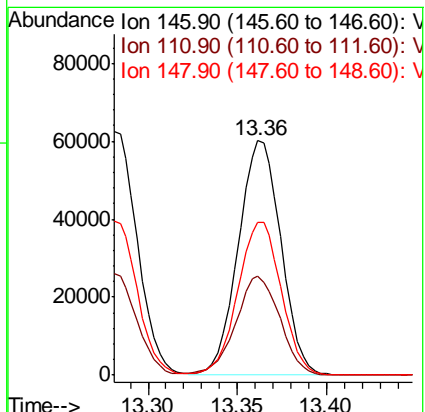
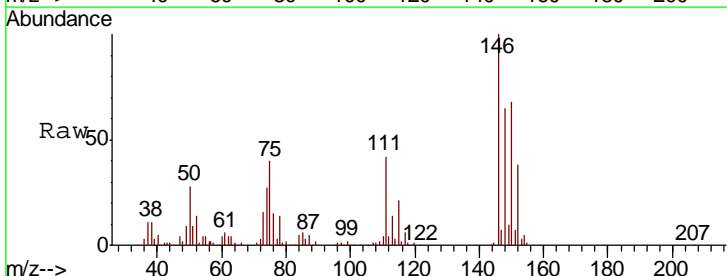
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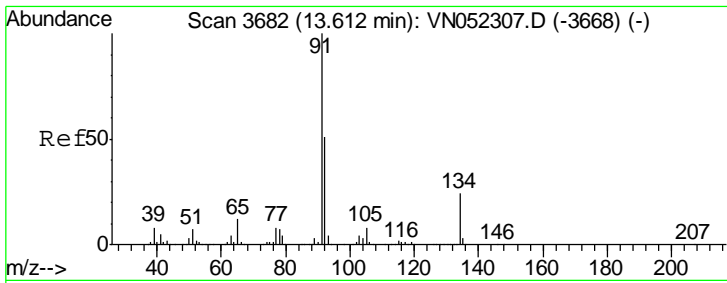


#88  
 1,4-Dichlorobenzene  
 Concen: 18.575 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
146	100717		
146	100		
111	43.8	20.6	61.8
148	66.3	32.4	97.2







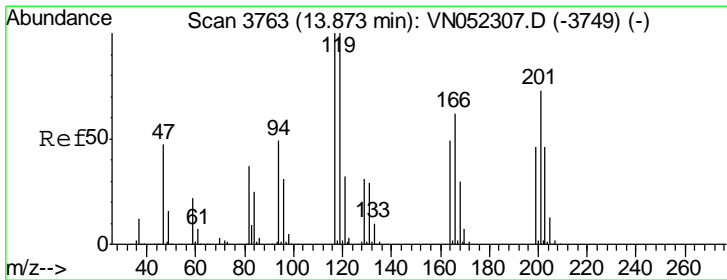
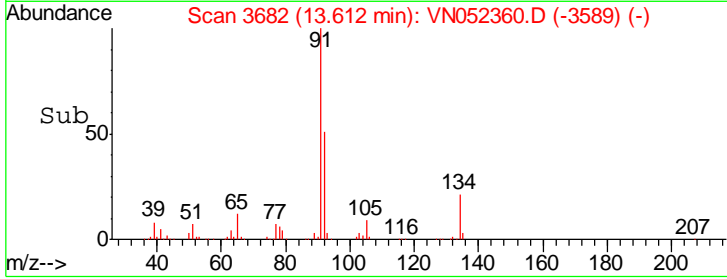
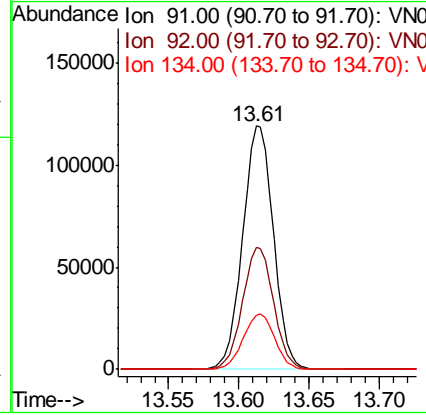
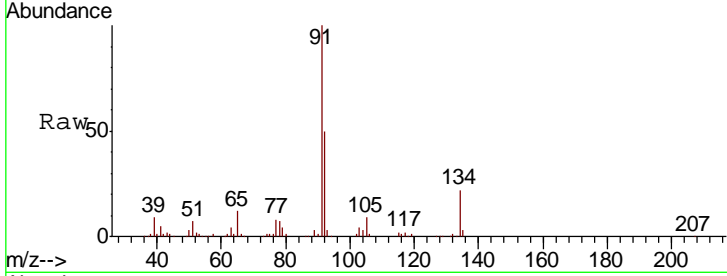
#89  
 n-Butylbenzene  
 Concen: 19.846 ug/l  
 RT: 13.61 min Scan# 3682  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
91	100		
92	50.5	25.4	76.2
134	23.2	12.2	36.4

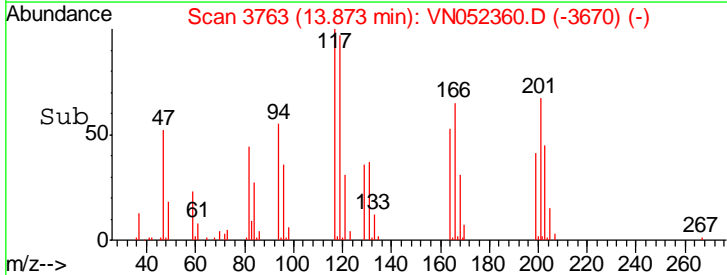
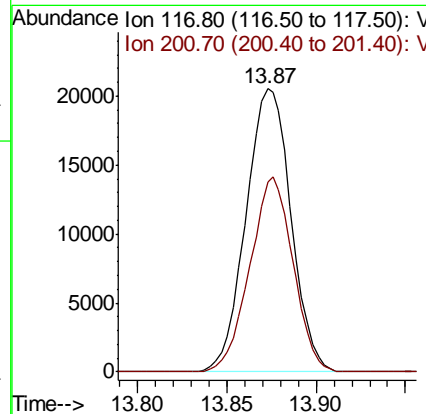
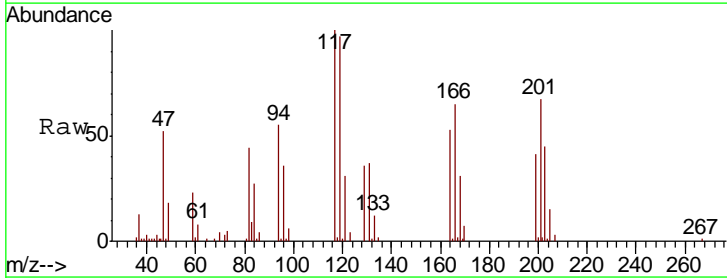
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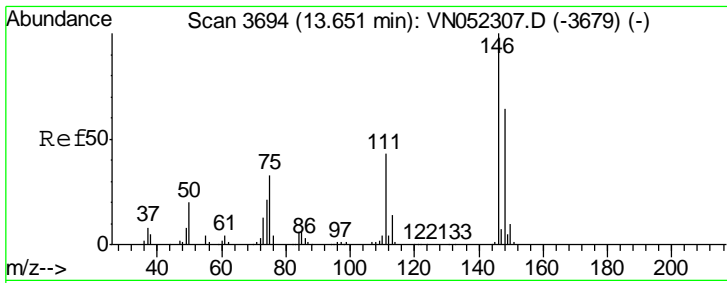
MMDadoda  
 11/19/2018 12:46:05 PM



#90  
 Hexachloroethane  
 Concen: 19.121 ug/l  
 RT: 13.87 min Scan# 3763  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
117	100		
201	66.1	35.3	105.9



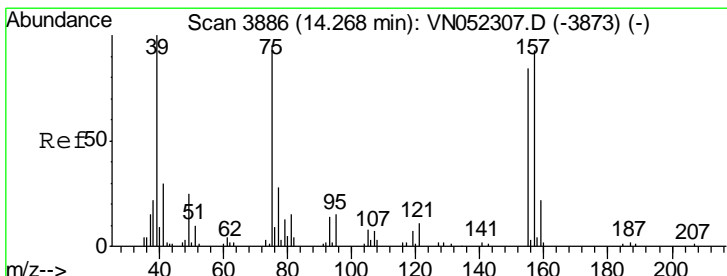
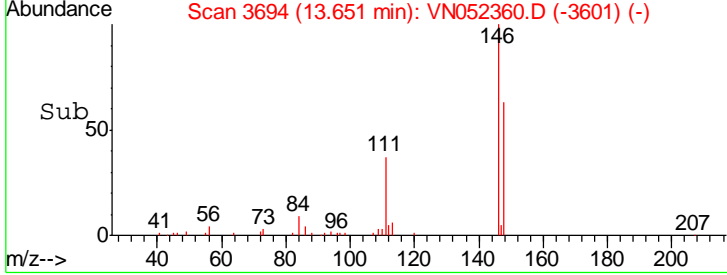
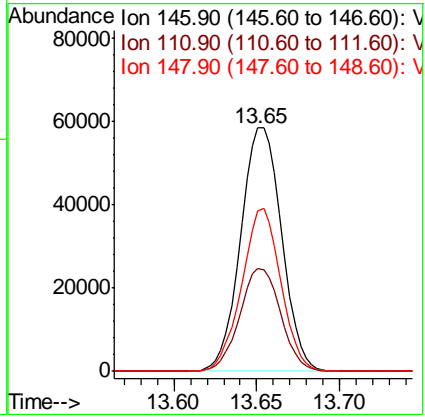
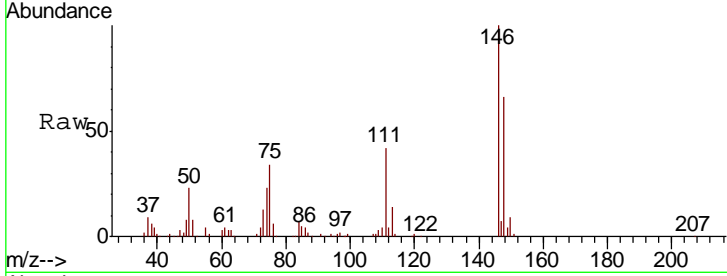


#91  
 1,2-Dichlorobenzene  
 Concen: 18.999 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. -0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 ClientSampled : VN1116WBS02

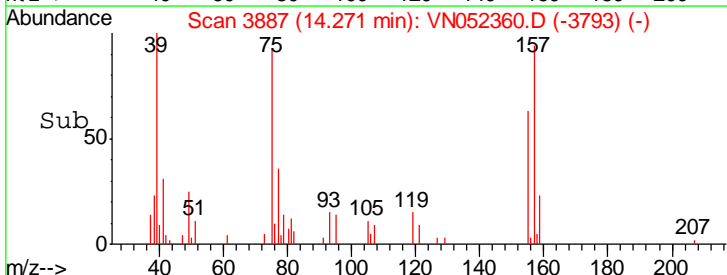
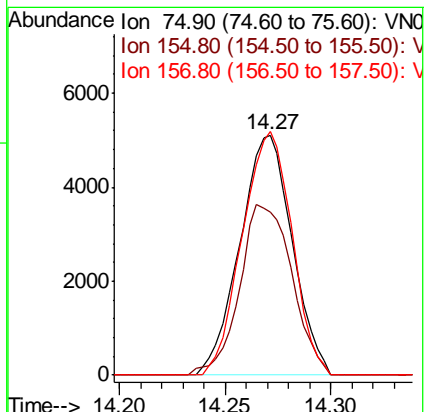
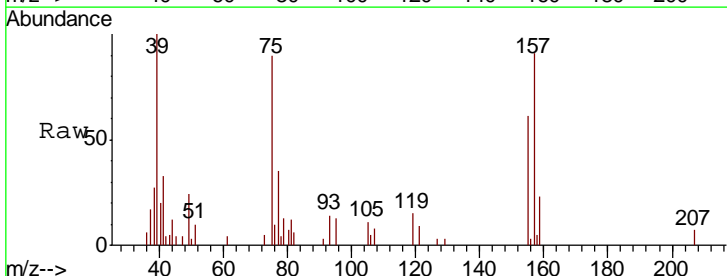
Tgt Ion	Resp	Lower	Upper
146	100386		
111	42.2	21.3	63.9
148	63.8	31.6	94.8

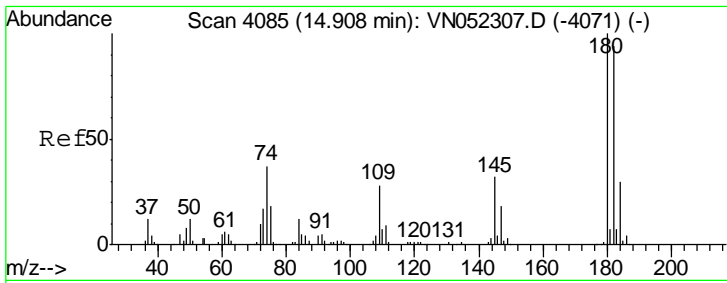
Manual Integrations  
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 11/19/2018 12:46:05 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.688 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

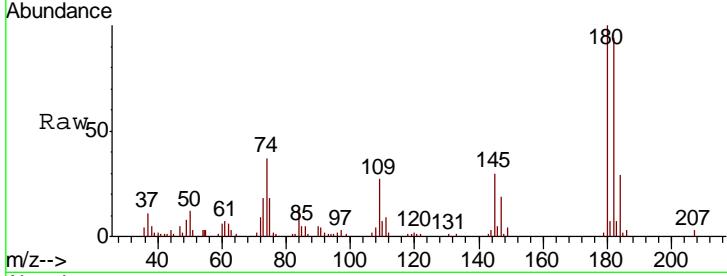
Tgt Ion	Resp	Lower	Upper
75	8792		
155	71.1	42.4	127.3
157	96.5	49.6	149.0





#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.308 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

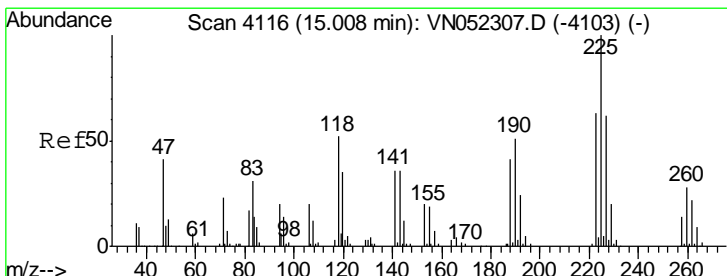
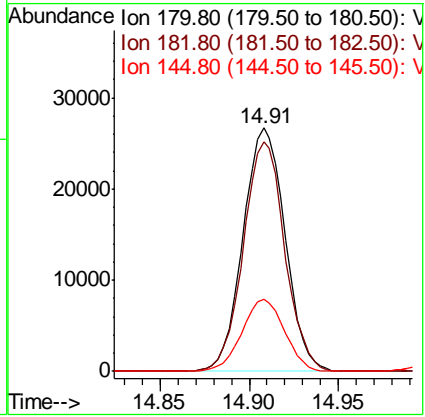
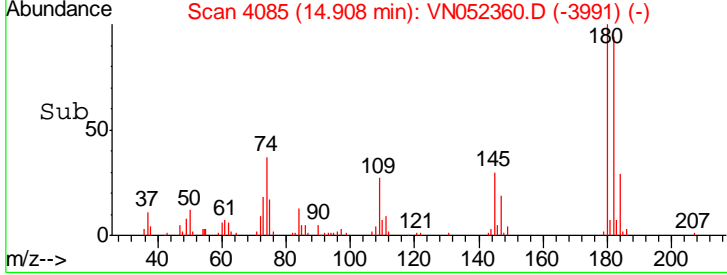
Instrument : MSVOA\_N  
 Client Sampled : VN1116WBS02



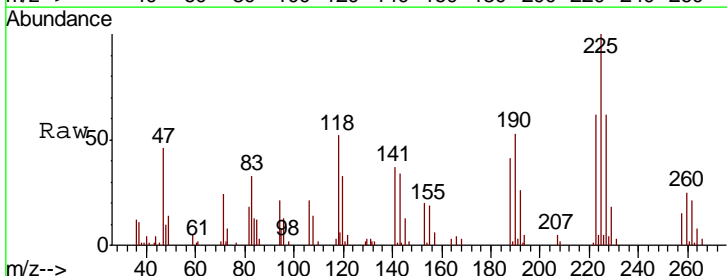
Tgt Ion: 180 Resp: 43903

Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.6	142.9
145	29.9	15.5	46.5

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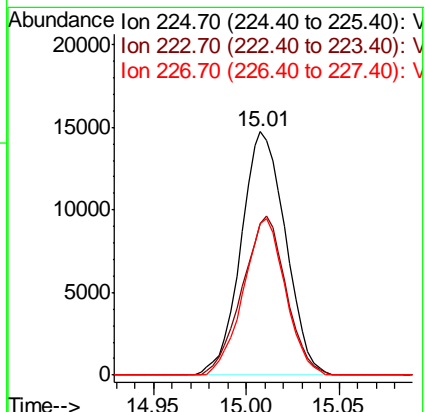
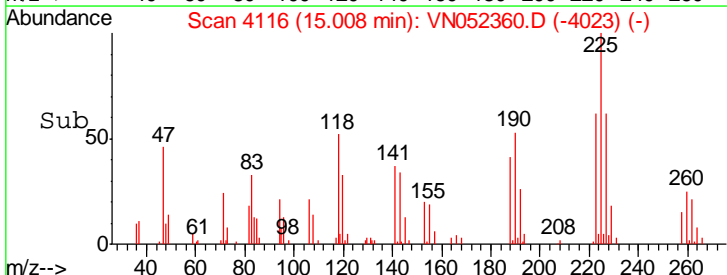


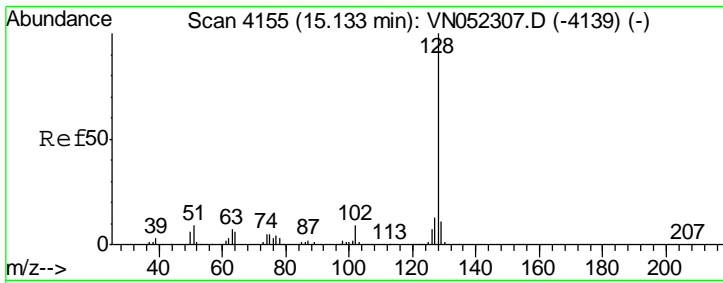
#94  
 Hexachlorobutadiene  
 Concen: 20.361 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13



Tgt Ion: 225 Resp: 24624

Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.9	95.5
227	60.7	31.6	95.0



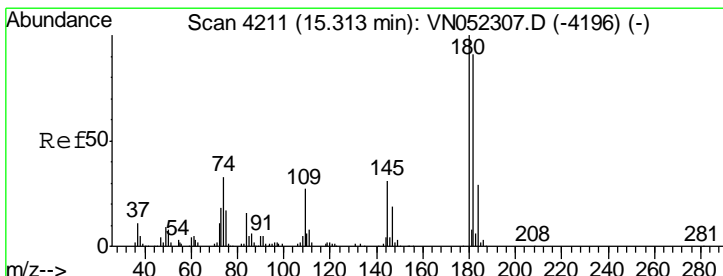
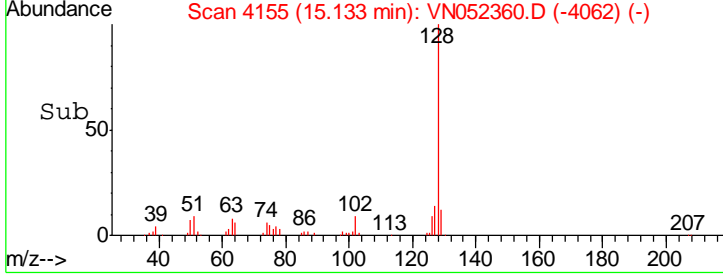
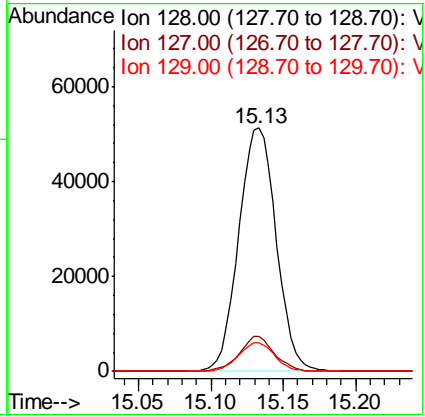
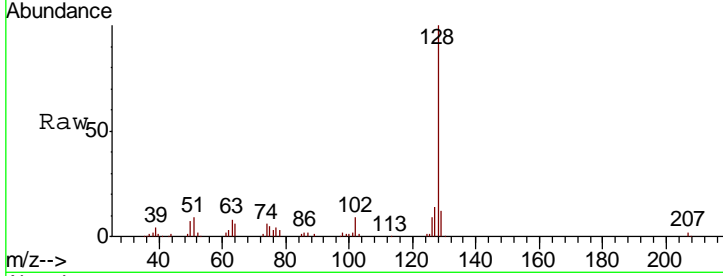


#95  
 Naphthalene  
 Concen: 17.620 ug/l  
 RT: 15.13 min Scan# 4155  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Instrument : MSVOA\_N  
 Client Sampled : VN1116WBS02

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	13.0

Manual Integrations  
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 11/19/2018 12:46:05 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 19.826 ug/l  
 RT: 15.32 min Scan# 4212  
 Delta R.T. 0.00 min  
 Lab File: VN052360.D  
 Acq: 16 Nov 2018 13:13

Tgt Ion	Resp	Lower	Upper
180	100		
182	94.2	46.5	139.3
145	33.4	16.4	49.2

