

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\  
 Data File : VX009715.D  
 Acq On : 20 May 2019 10:28  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 VSTDCCC050

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 5/21/2019 9:13:24 AM

Quant Time: May 20 14:13:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	166792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	94972	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
35) Dibromofluoromethane	5.49	113	71360	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
50) Toluene-d8	8.71	98	280076	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	
62) 4-Bromofluorobenzene	11.13	95	106744	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64322	41.849	ug/l	96
3) Chloromethane	1.32	50	98337	46.862	ug/l	99
4) Vinyl Chloride	1.41	62	96569	47.194	ug/l	98
5) Bromomethane	1.64	94	62649	51.010	ug/l	98
6) Chloroethane	1.71	64	60926	46.376	ug/l	100
7) Trichlorofluoromethane	1.92	101	125495	50.454	ug/l	99
8) Diethyl Ether	2.19	74	59324	50.352	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78472	50.240	ug/l	99
10) Methyl Iodide	2.51	142	81831	45.542	ug/l	99
11) Tert butyl alcohol	3.06	59	141195	267.897	ug/l	100
12) 1,1-Dichloroethene	2.37	96	75971	48.544	ug/l	96
13) Acrolein	2.29	56	142204	297.926	ug/l	99
14) Allyl chloride	2.72	41	191185	50.129	ug/l	100
15) Acrylonitrile	3.14	53	344733	267.510	ug/l	99
16) Acetone	2.45	43	343827	281.224	ug/l	98
17) Carbon Disulfide	2.56	76	199015	45.294	ug/l	98
18) Methyl Acetate	2.78	43	153804	52.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	317358	52.221	ug/l	100
20) Methylene Chloride	2.85	84	95056	48.018	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	83071	48.945	ug/l	98
22) Diisopropyl ether	3.85	45	381938	52.074	ug/l	100
23) Vinyl Acetate	3.81	43	1710353	272.320	ug/l	100
24) 1,1-Dichloroethane	3.70	63	181424	50.142	ug/l	99
25) 2-Butanone	4.67	43	540154	284.306	ug/l	99
26) 2,2-Dichloropropane	4.58	77	142854	53.043	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	101360	50.033	ug/l	99
28) Bromochloromethane	5.01	49	63129	42.957	ug/l	99
29) Tetrahydrofuran	5.13	42	336683	275.388	ug/l	99
30) Chloroform	5.21	83	168438	51.471	ug/l	99
31) Cyclohexane	5.57	56	166493	49.459	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	139688	51.277	ug/l	100
36) 1,1-Dichloropropene	5.79	75	126994	52.846	ug/l	99
37) Ethyl Acetate	4.84	43	190896	57.015	ug/l	99
38) Carbon Tetrachloride	5.78	117	117308	53.729	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157565	53.390	ug/l	99
40) Benzene	6.14	78	386065	51.911	ug/l	100
41) Methacrylonitrile	5.04	41	110354	55.369	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144575	54.192	ug/l	98
43) Isopropyl Acetate	6.44	43	307435	57.404	ug/l	99
44) Trichloroethene	7.21	130	93555	52.035	ug/l	97
45) 1,2-Dichloropropane	7.51	63	113648	53.967	ug/l	97
46) Dibromomethane	7.66	93	64275	52.559	ug/l	99
47) Bromodichloromethane	7.90	83	133342	54.662	ug/l	99
48) Methyl methacrylate	7.77	41	154392	58.107	ug/l	99
49) 1,4-Dioxane	7.74	88	53088	985.216	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1031336	294.622	ug/l	99
52) Toluene	8.78	92	239936	53.074	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	159792	58.020	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	170714	56.002	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99864	54.145	ug/l	97
56) Ethyl methacrylate	9.18	69	188092	57.131	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175566	54.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	328068	187.838	ug/l	100
59) 2-Hexanone	9.49	43	807419	293.683	ug/l	99
60) Dibromochloromethane	9.58	129	101884	56.559	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101577	54.560	ug/l	100
64) Tetrachloroethene	9.34	164	86205	52.956	ug/l	99
65) Chlorobenzene	10.13	112	254189	53.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94489	54.900	ug/l	99
67) Ethyl Benzene	10.25	91	469816	53.774	ug/l	99
68) m/p-Xylenes	10.36	106	344792	107.993	ug/l	98
69) o-Xylene	10.69	106	167959	53.318	ug/l	99
70) Styrene	10.71	104	298907	54.594	ug/l	99
71) Bromoform	10.85	173	81280	58.113	ug/l	100
73) Isopropylbenzene	11.02	105	463243	52.569	ug/l	99
74) N-amyl acetate	10.90	43	277363	53.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	171303	52.147	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149619m	53.227	ug/l	
77) Bromobenzene	11.26	156	113685	51.978	ug/l	99
78) n-propylbenzene	11.36	91	537852	53.444	ug/l	99
79) 2-Chlorotoluene	11.42	91	317649	51.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	390609	52.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62374	56.776	ug/l	100
82) 4-Chlorotoluene	11.51	91	366131	52.198	ug/l	100
83) tert-Butylbenzene	11.77	119	380083	52.658	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	394022	52.906	ug/l	99
85) sec-Butylbenzene	11.94	105	457248	53.433	ug/l	100
86) p-Isopropyltoluene	12.06	119	417524	54.273	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206196	52.883	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	204255	51.960	ug/l	99
89) n-Butylbenzene	12.38	91	392981	56.518	ug/l	100
90) Hexachloroethane	12.60	117	72224	55.106	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204148	51.405	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39622	53.767	ug/l	99

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 VSTDCCC050

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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	13.65	180	148151	54.552	ug/l	99
94) Hexachlorobutadiene	13.78	225	78681	56.734	ug/l	99
95) Naphthalene	13.83	128	470967	53.304	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	149332	54.246	ug/l	100

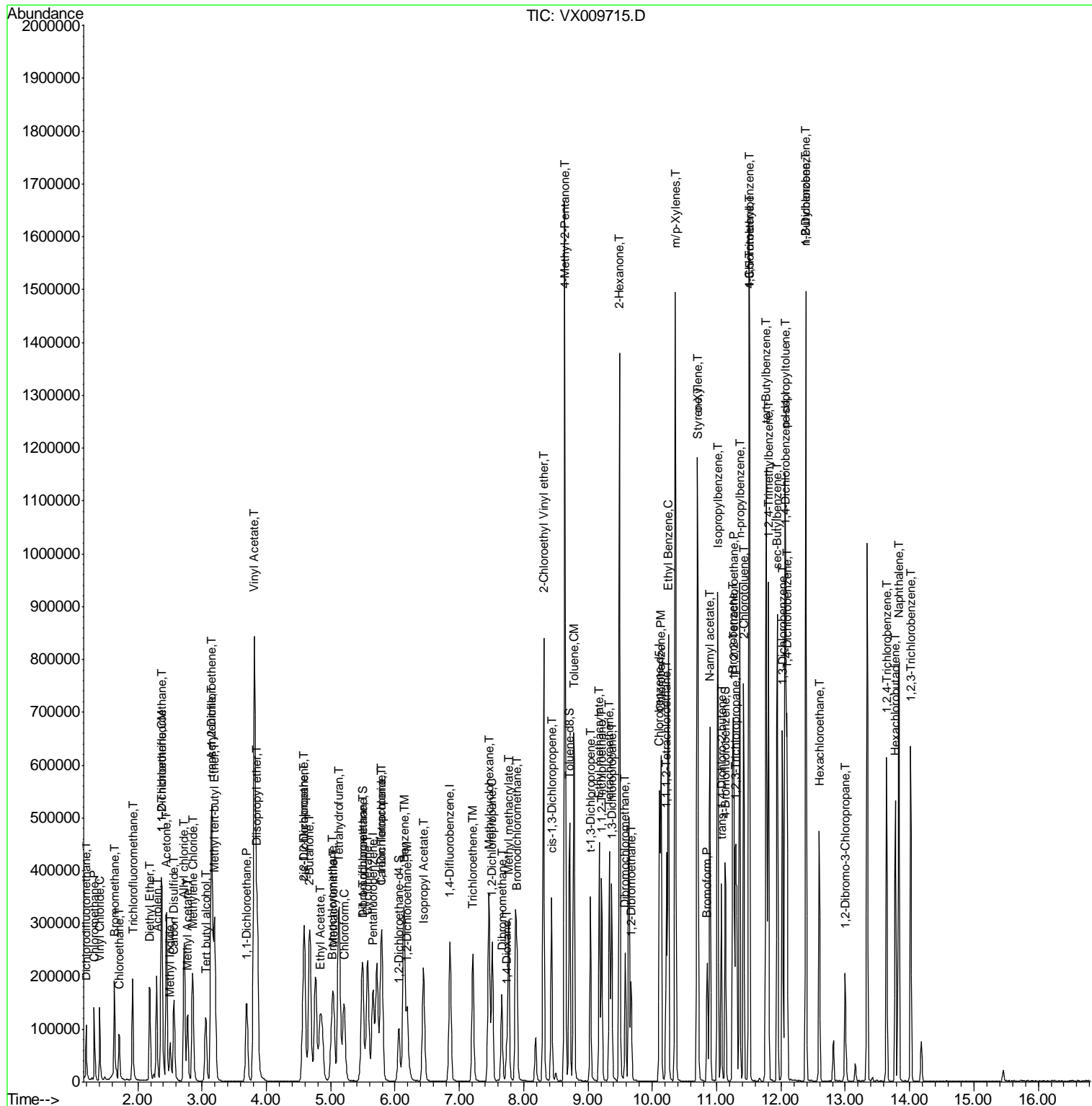
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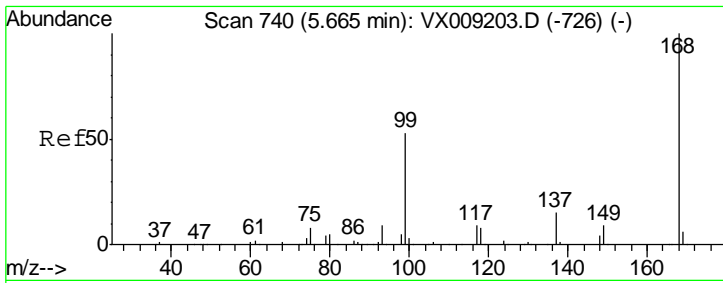
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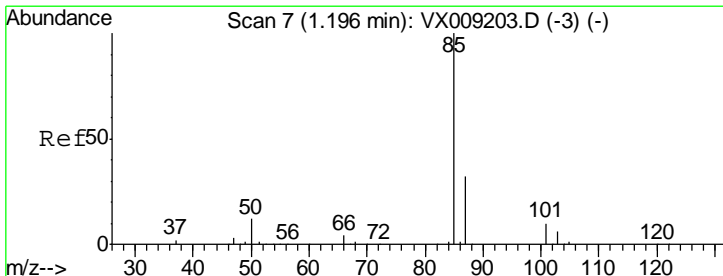
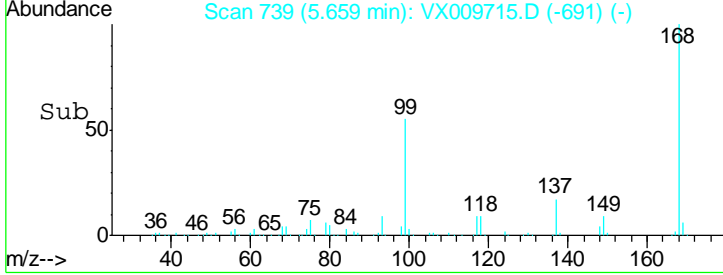
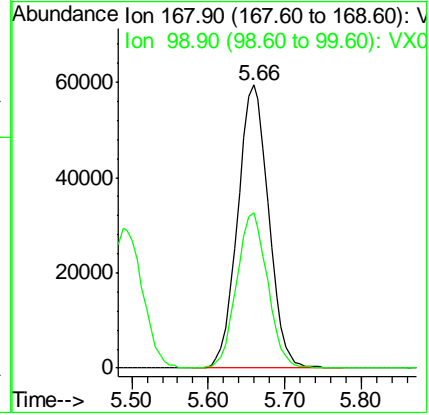
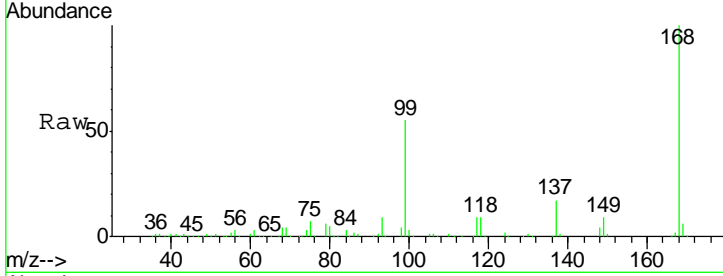
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
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Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
168	100		
99	54.5	42.3	63.5

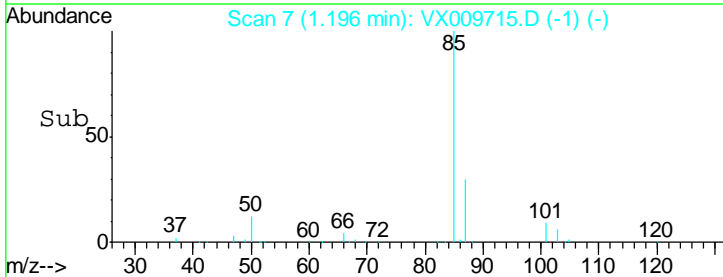
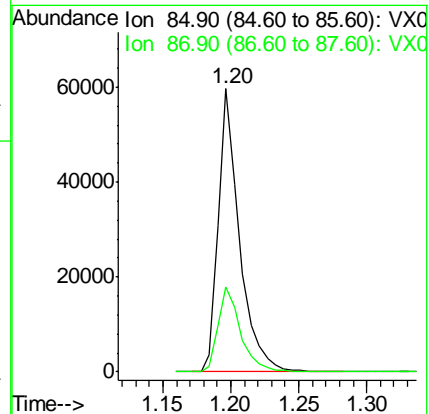
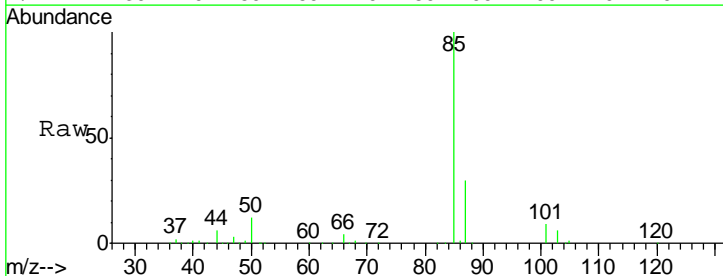
Manual Integrations  
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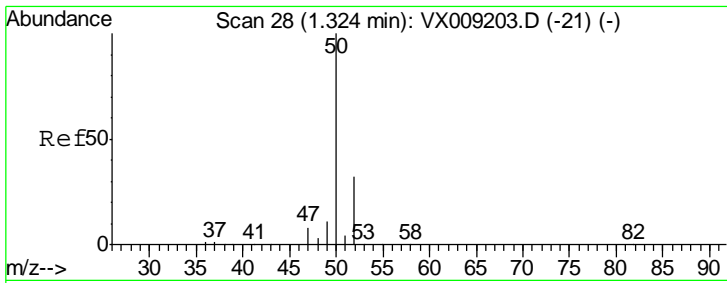
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#2  
 Dichlorodifluoromethane  
 Concen: 41.849 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
85	100		
87	30.0	16.1	48.3



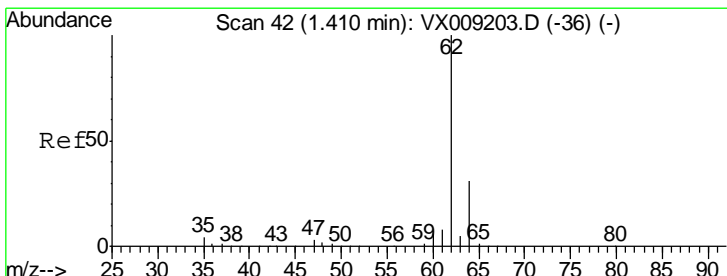
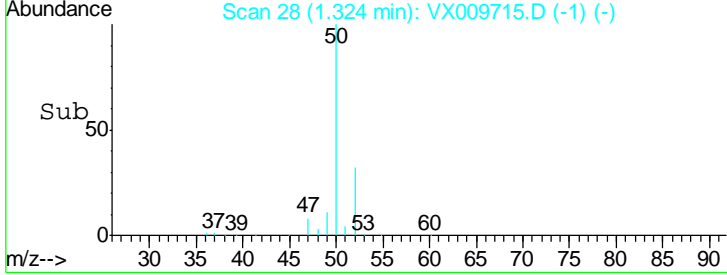
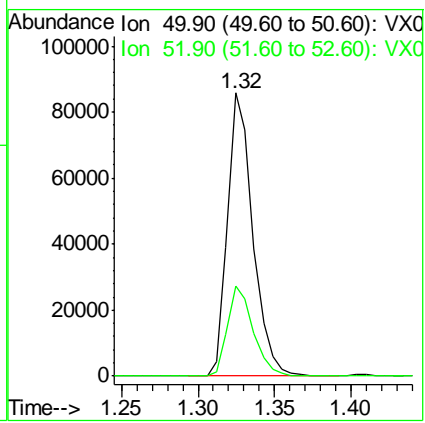
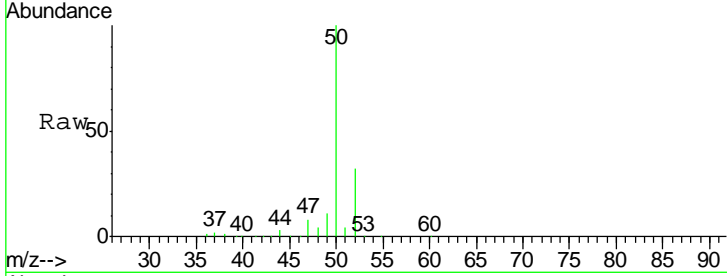


#3  
 Chloromethane  
 Concen: 46.862 ug/l  
 RT: 1.32 min Scan# 28  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
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Instrument :  
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 VSTDCCC050

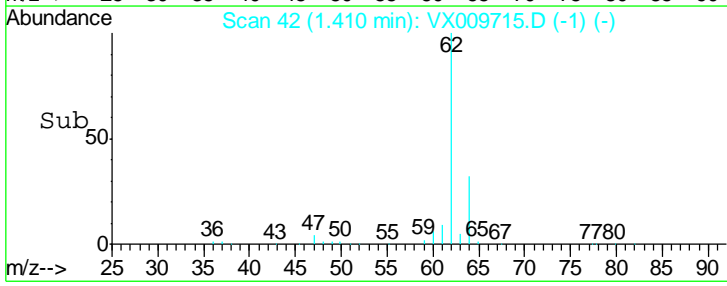
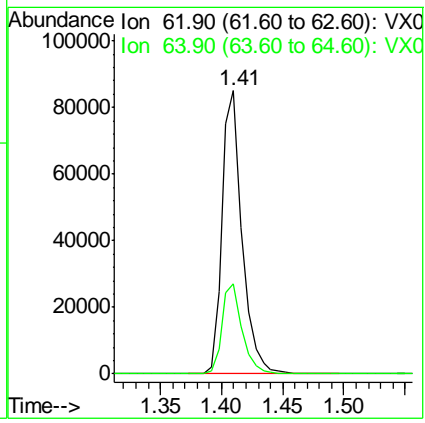
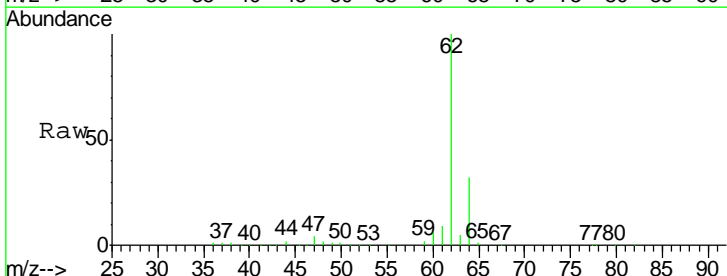
Tgt Ion	Resp	Lower	Upper
50	100		
52	31.7	25.9	38.9

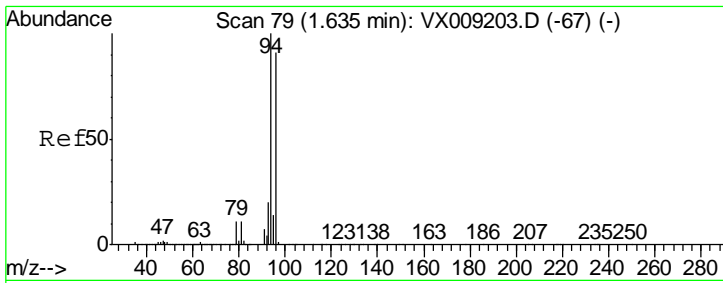
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#4  
 Vinyl Chloride  
 Concen: 47.194 ug/l  
 RT: 1.41 min Scan# 42  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
62	100		
64	31.8	24.6	36.8



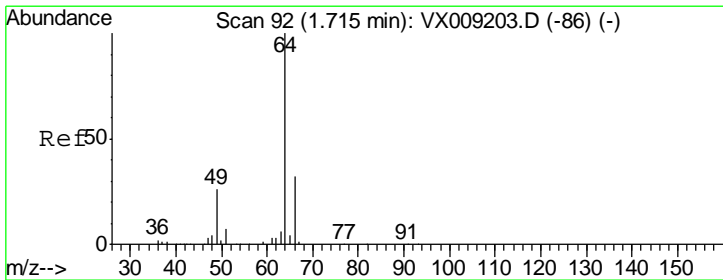
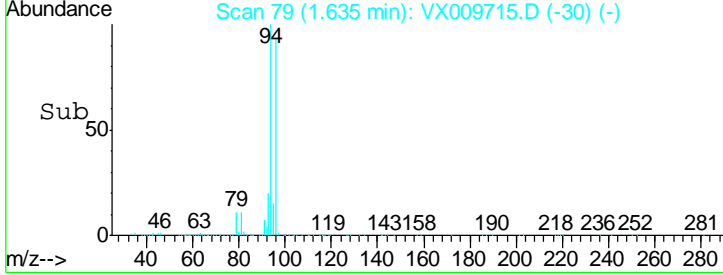
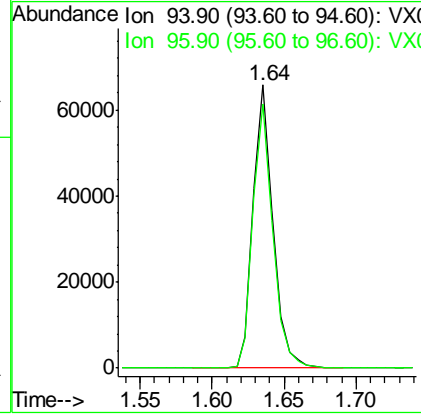
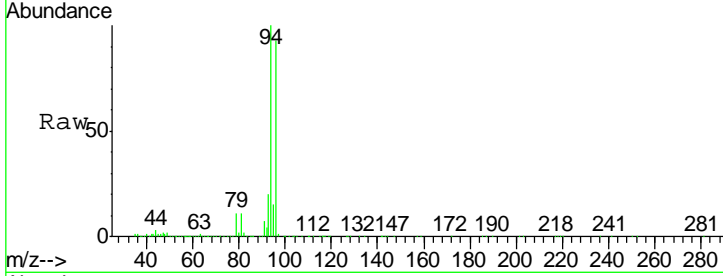


#5  
 Bromomethane  
 Concen: 51.010 ug/l  
 RT: 1.64 min Scan# 79  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
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**Instrument :**  
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**Client Sampled :**  
 VSTDCCC050

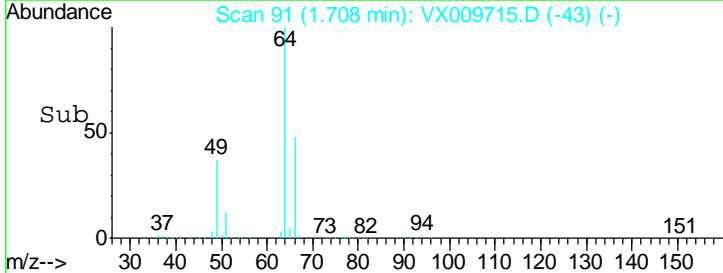
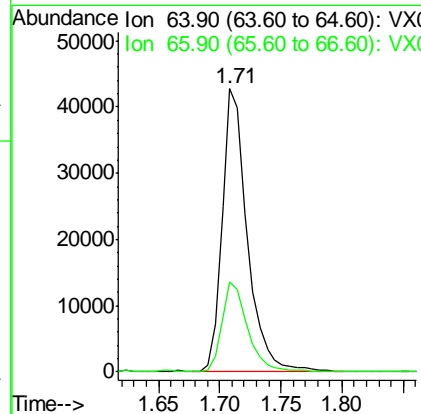
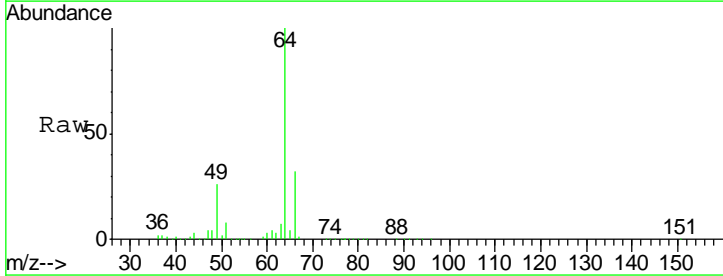
Tgt Ion	Resp	Lower	Upper
94	62649		
96	93.2	73.0	109.6

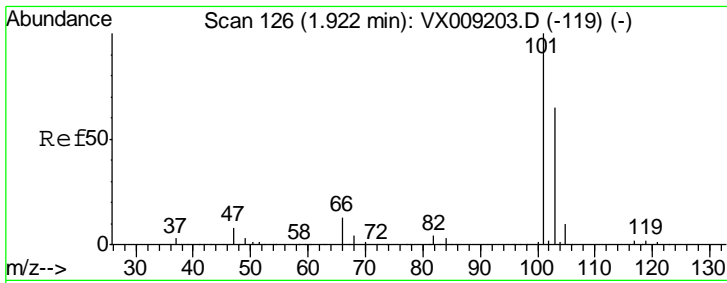
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#6  
 Chloroethane  
 Concen: 46.376 ug/l  
 RT: 1.71 min Scan# 91  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
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Tgt Ion	Resp	Lower	Upper
64	60926		
66	31.7	25.3	37.9





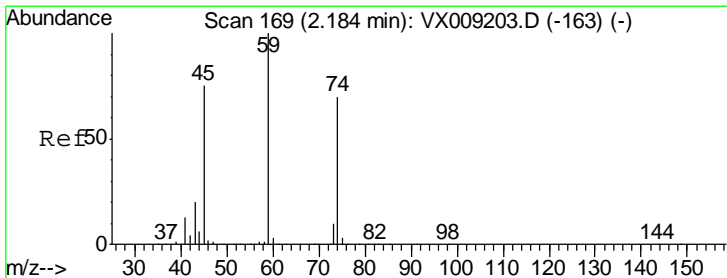
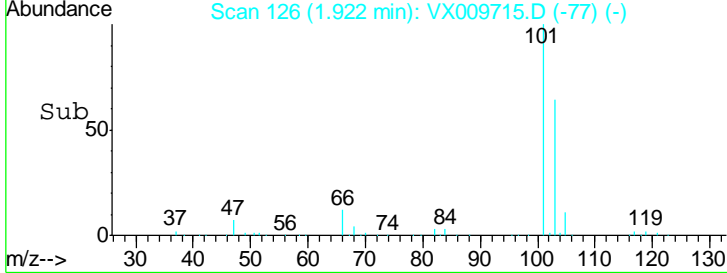
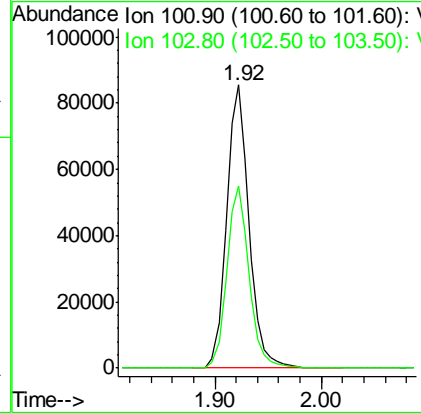
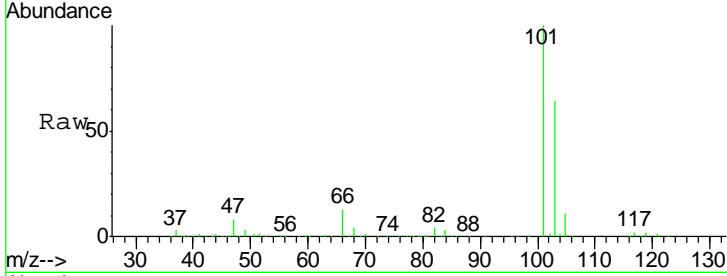
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 Trichlorofluoromethane  
 Concen: 50.454 ug/l  
 RT: 1.92 min Scan# 126  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
101	125495		
103	64.5	52.4	78.6

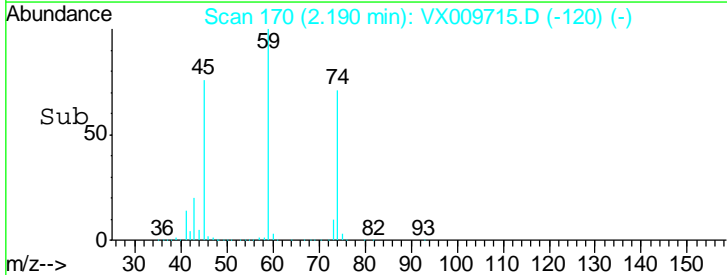
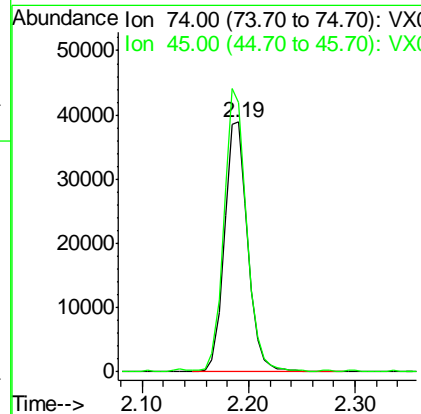
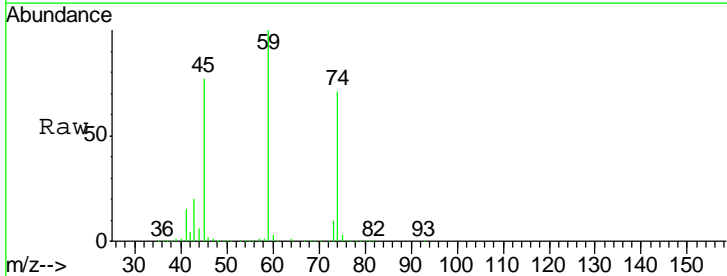
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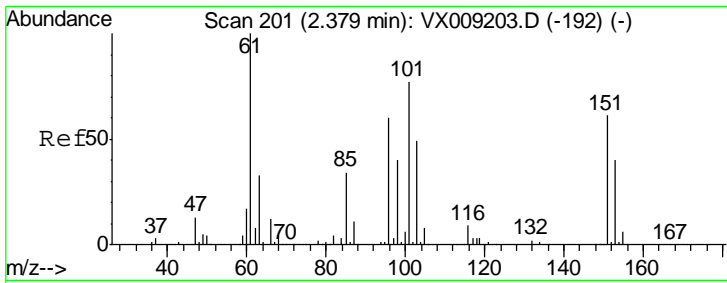


#8  
 Diethyl Ether  
 Concen: 50.352 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.01 min  
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Tgt Ion	Resp	Lower	Upper
74	59324		
45	108.9	53.3	159.9

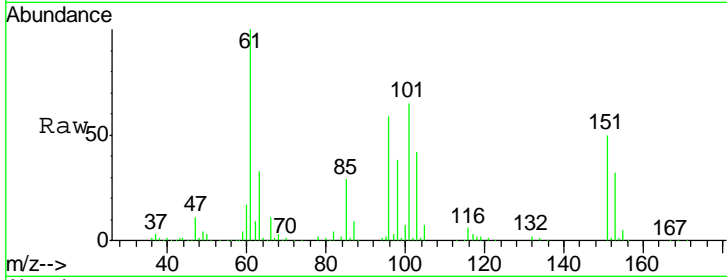






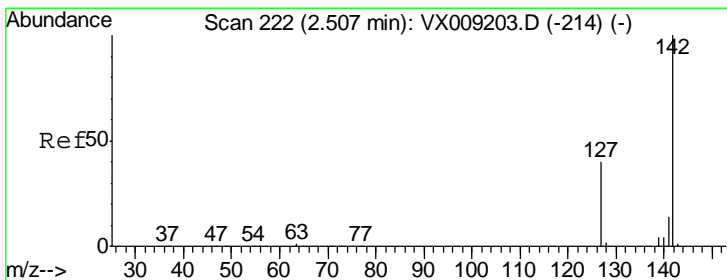
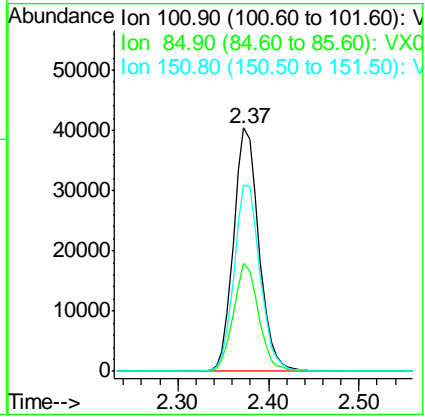
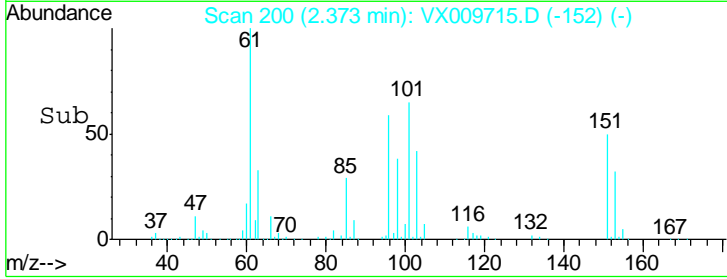
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 50.240 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

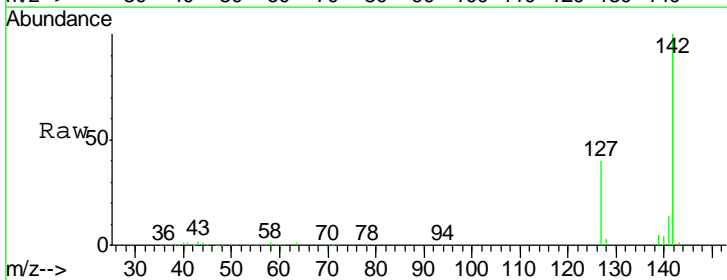


Tgt Ion	Resp	Lower	Upper
101	78472		
101	100		
85	44.0	35.7	53.5
151	78.7	62.2	93.2

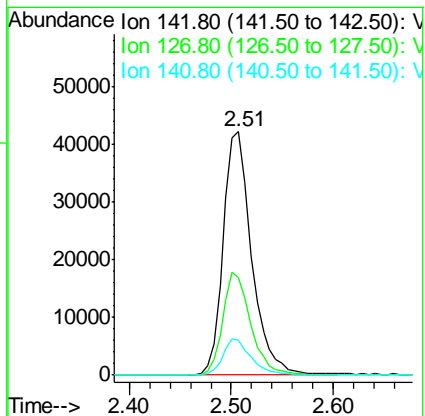
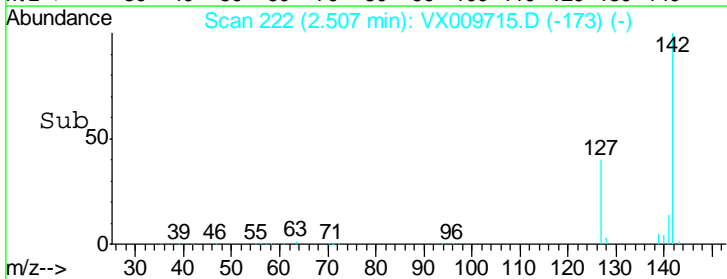
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 5/21/2019 9:13:24 AM

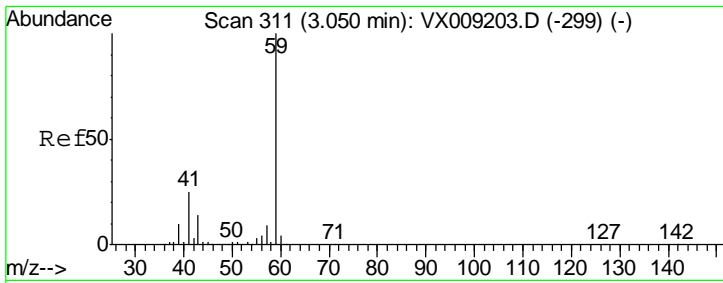


#10  
 Methyl Iodide  
 Concen: 45.542 ug/l  
 RT: 2.51 min Scan# 222  
 Delta R.T. 0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28



Tgt Ion	Resp	Lower	Upper
142	81831		
142	100		
127	41.6	32.7	49.1
141	14.5	11.5	17.3





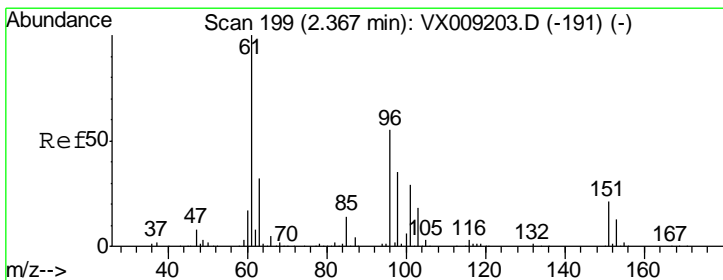
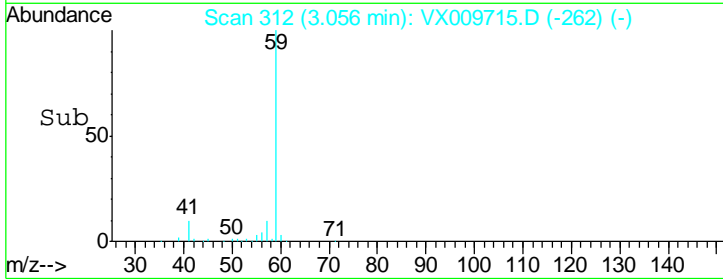
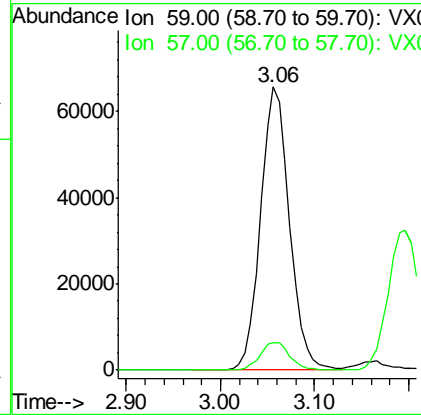
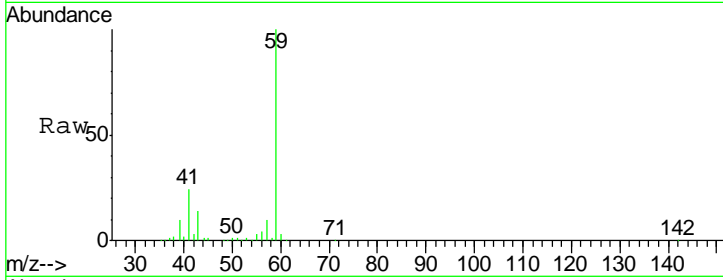
#11  
 Tert butyl alcohol  
 Concen: 267.897 ug/l  
 RT: 3.06 min Scan# 312  
 Delta R.T. 0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
59	141195		
57	10.1	8.2	12.2

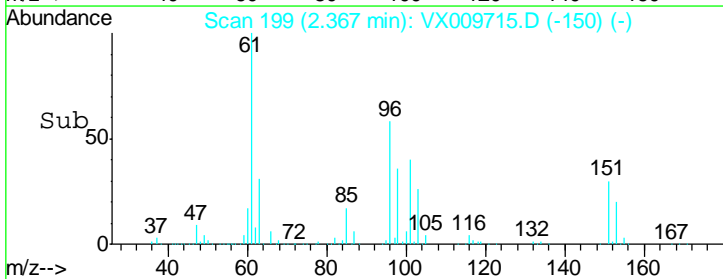
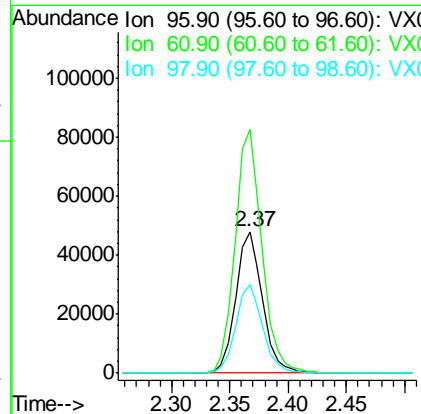
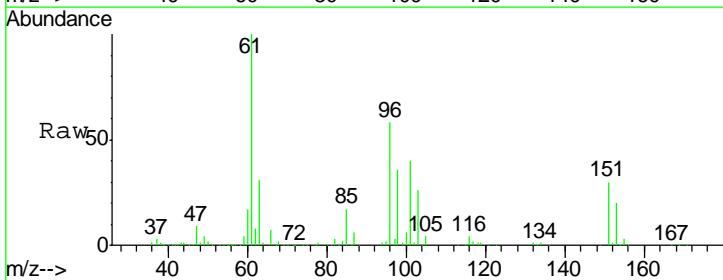
Manual Integrations  
 APPROVED

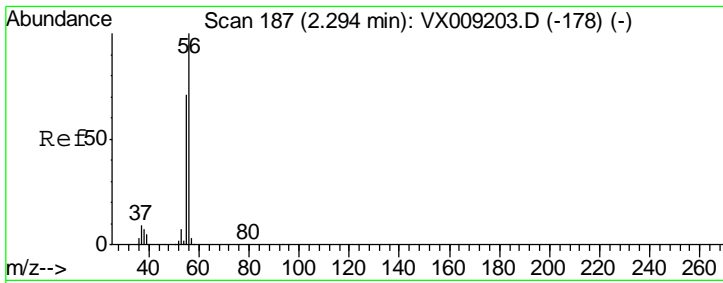
MMDadoda  
 5/21/2019 9:13:24 AM



#12  
 1,1-Dichloroethene  
 Concen: 48.544 ug/l  
 RT: 2.37 min Scan# 199  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
96	75971		
61	172.4	144.3	216.5
98	62.9	50.3	75.5





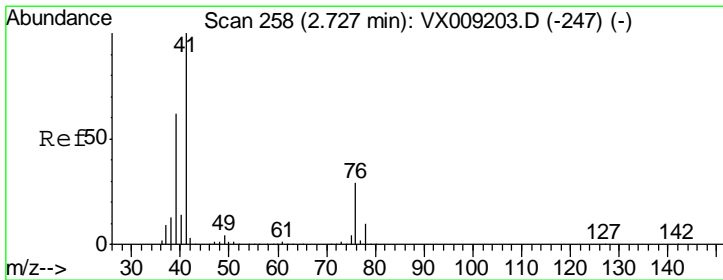
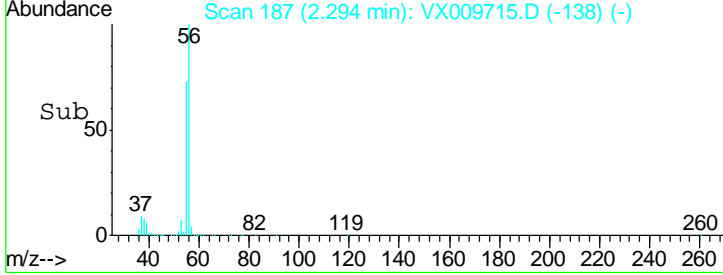
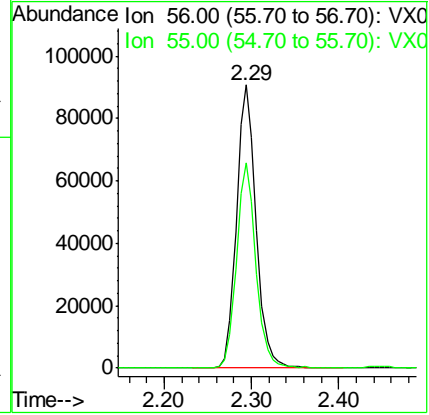
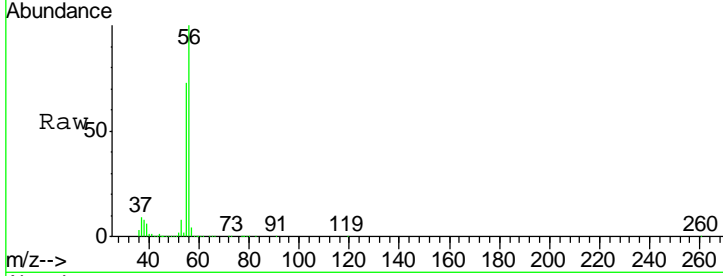
#13  
 Acrolein  
 Concen: 297.926 ug/l  
 RT: 2.29 min Scan# 187  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	142204		
55	71.6	56.6	85.0

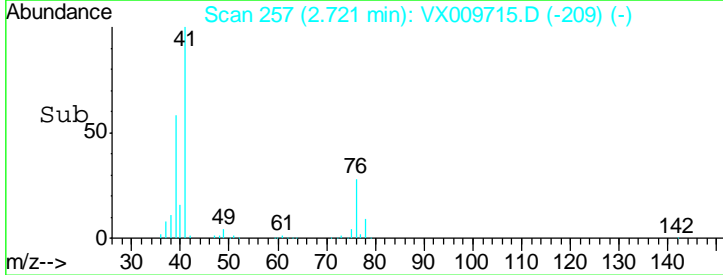
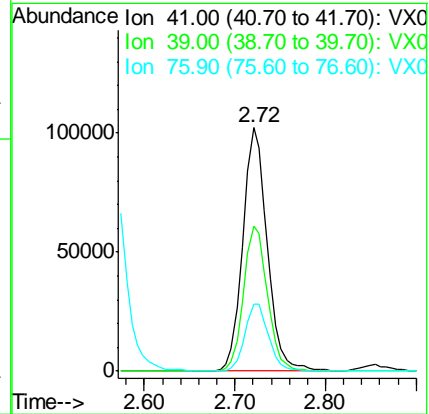
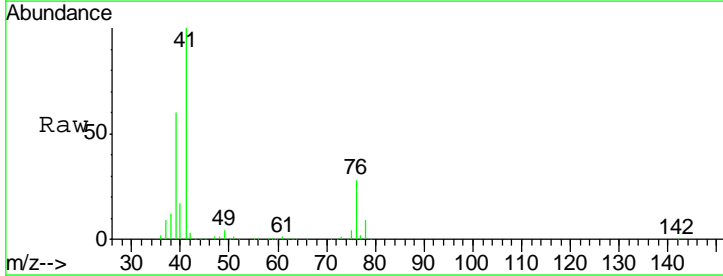
Manual Integrations  
 APPROVED

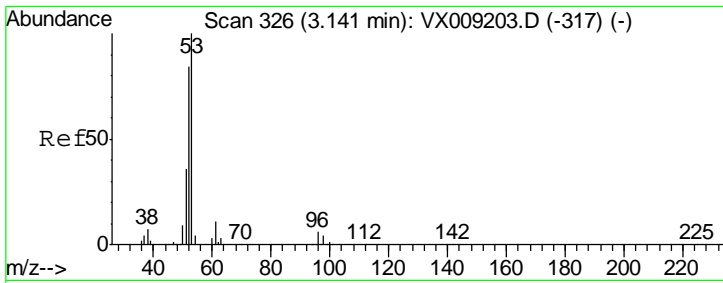
MMDadoda  
 5/21/2019 9:13:24 AM



#14  
 Allyl chloride  
 Concen: 50.129 ug/l  
 RT: 2.72 min Scan# 257  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
41	191185		
39	58.2	46.7	70.1
76	26.8	21.8	32.8





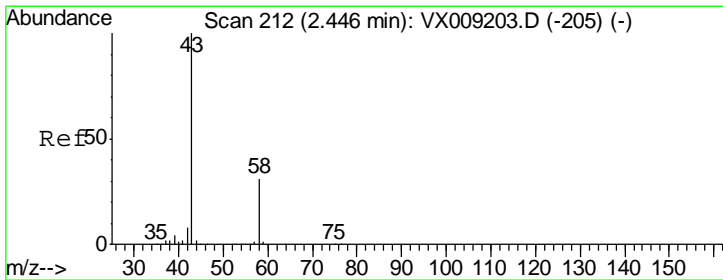
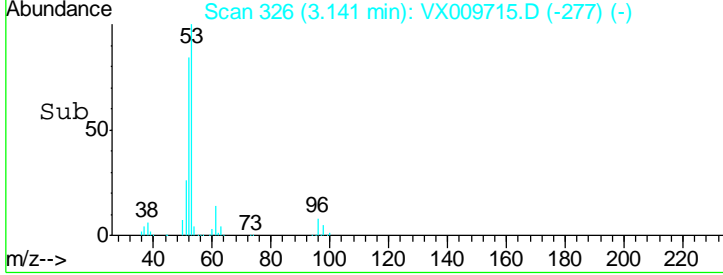
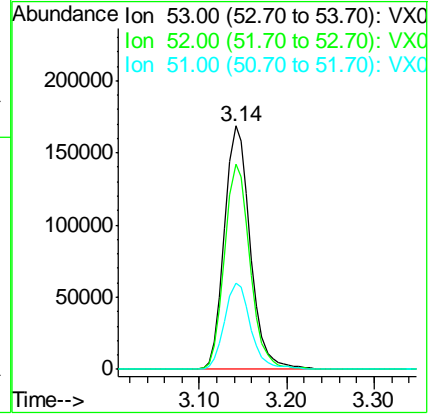
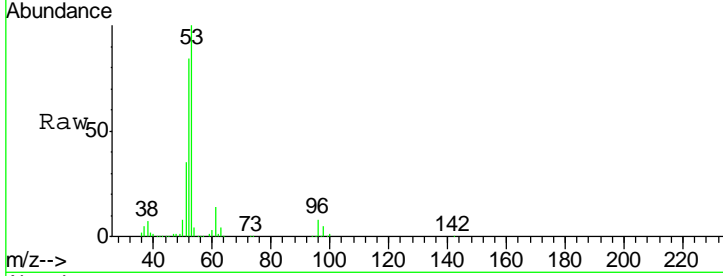
#15  
 Acrylonitrile  
 Concen: 267.510 ug/l  
 RT: 3.14 min Scan# 326  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	36.1	28.2	42.2

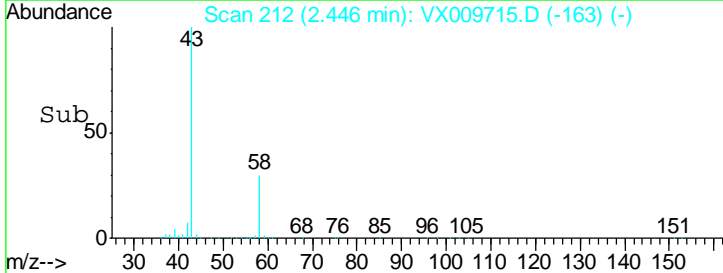
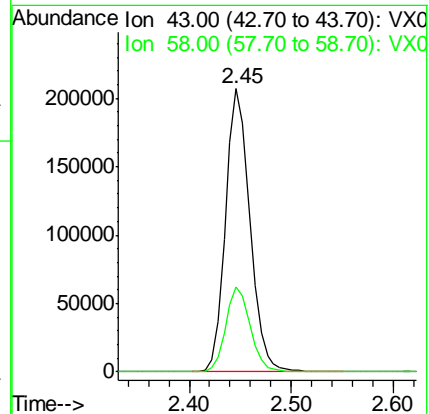
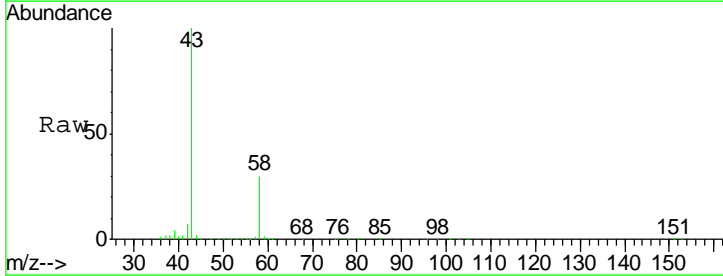
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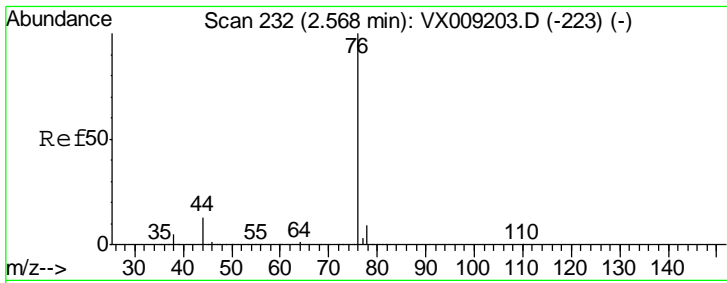
MMDadoda  
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#16  
 Acetone  
 Concen: 281.224 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
43	100		
58	30.1	24.9	37.3





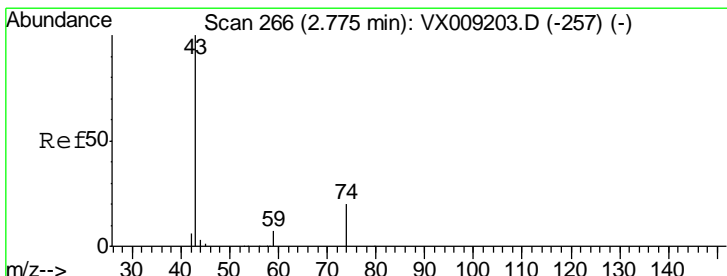
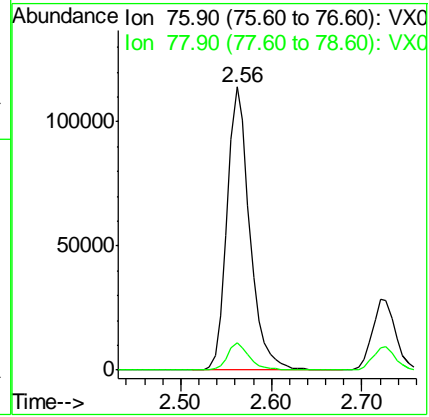
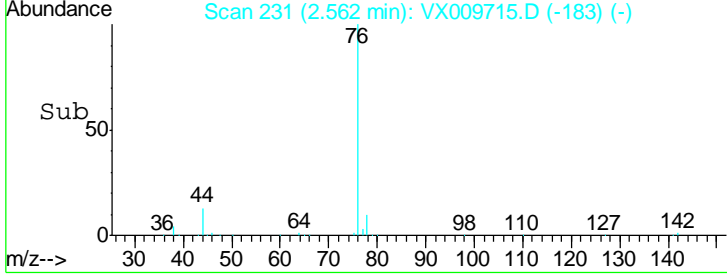
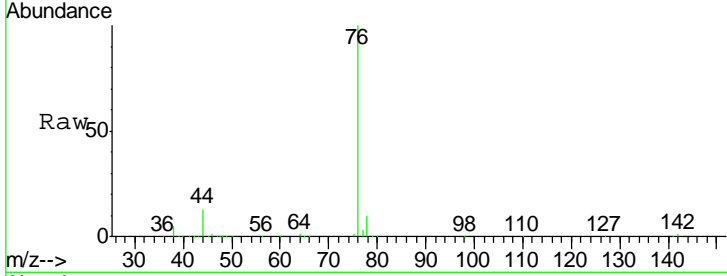
#17  
 Carbon Disulfide  
 Concen: 45.294 ug/l  
 RT: 2.56 min Scan# 231  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion: 76 Resp: 199015

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

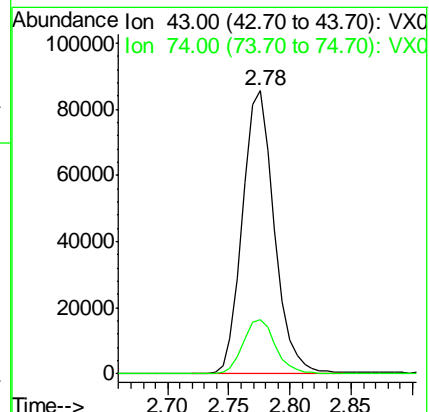
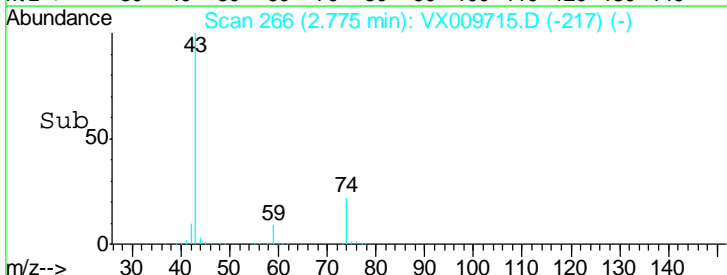
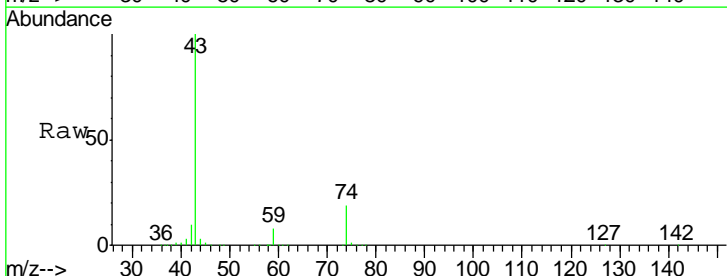
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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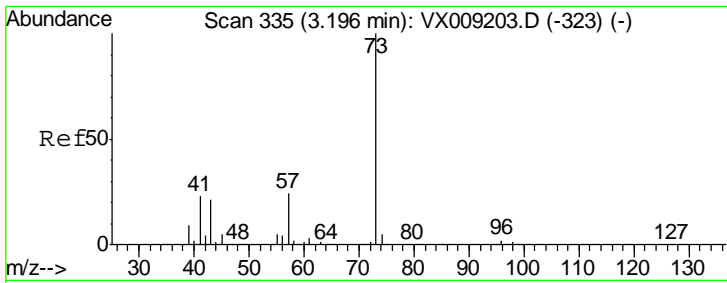


#18  
 Methyl Acetate  
 Concen: 52.897 ug/l  
 RT: 2.78 min Scan# 266  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion: 43 Resp: 153804

Ion	Ratio	Lower	Upper
43	100		
74	19.8	16.2	24.4





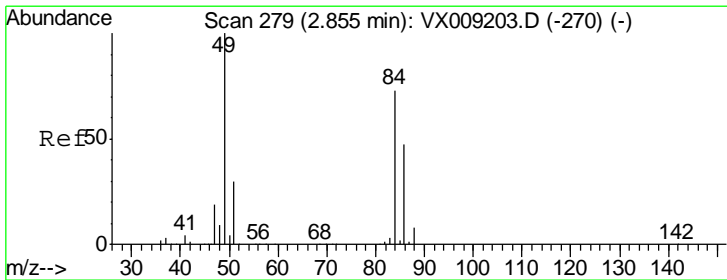
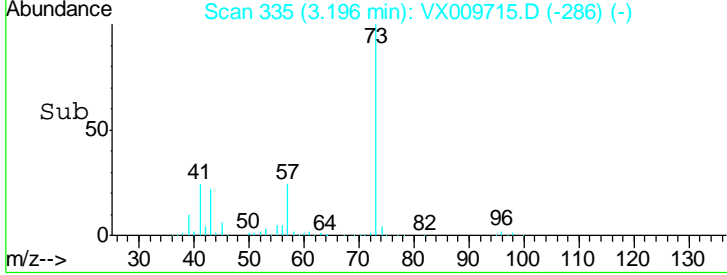
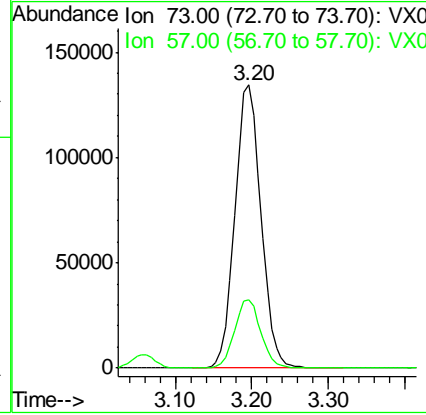
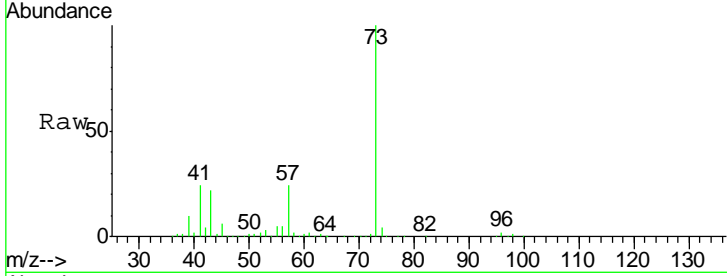
#19  
 Methyl tert-butyl Ether  
 Concen: 52.221 ug/l  
 RT: 3.20 min Scan# 335  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
73	100		
57	24.1	19.3	28.9

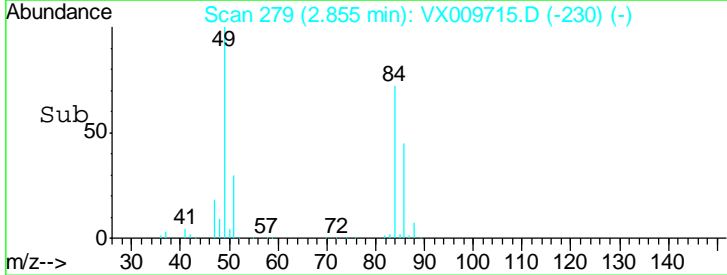
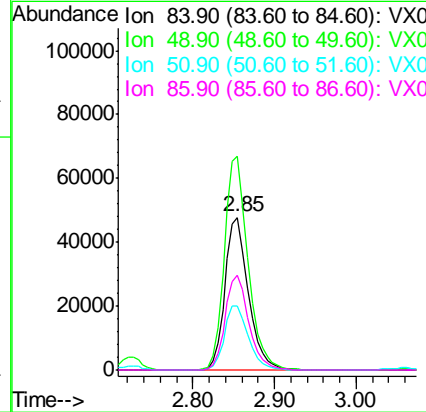
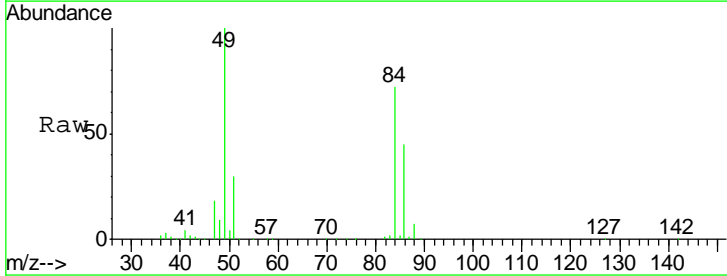
Manual Integrations  
 APPROVED

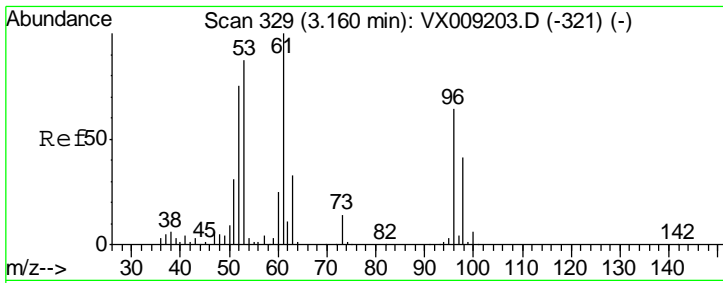
MMDadoda  
 5/21/2019 9:13:24 AM



#20  
 Methylene Chloride  
 Concen: 48.018 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
84	100		
49	139.7	109.9	164.9
51	41.9	32.7	49.1
86	62.2	52.0	78.0





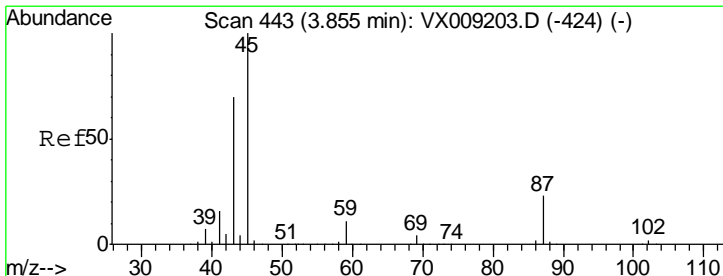
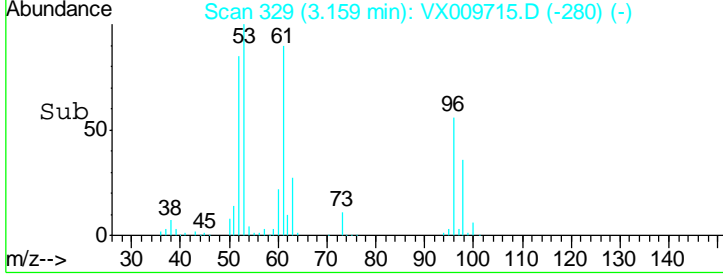
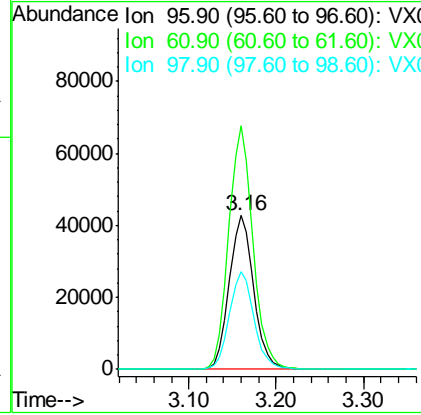
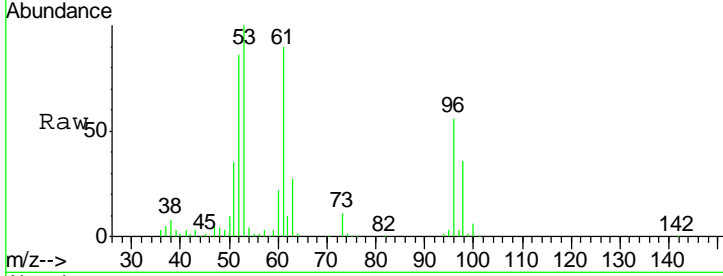
#21  
 trans-1,2-Dichloroethene  
 Concen: 48.945 ug/l  
 RT: 3.16 min Scan# 329  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	83071		
96	100		
61	158.3	124.5	186.7
98	64.0	50.4	75.6

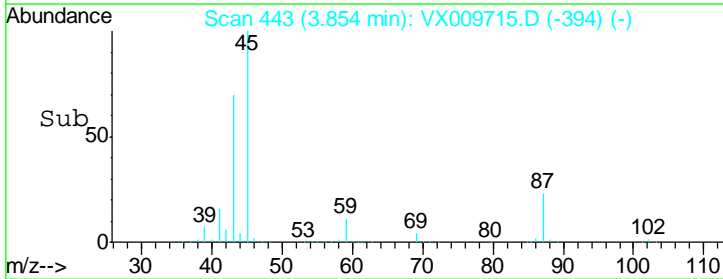
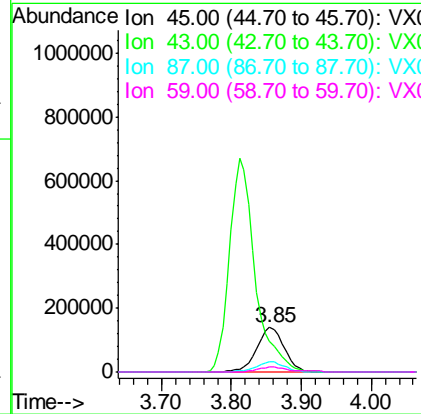
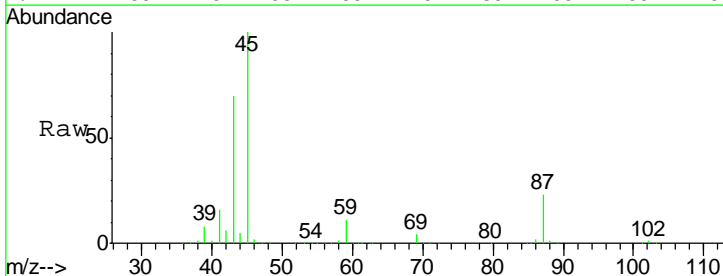
**Manual Integrations**  
**APPROVED**

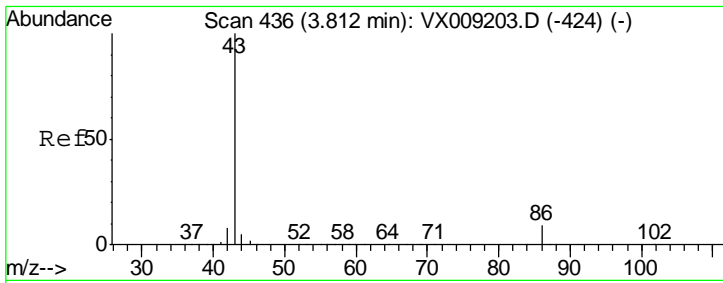
MMDadoda  
 5/21/2019 9:13:24 AM



#22  
 Diisopropyl ether  
 Concen: 52.074 ug/l  
 RT: 3.85 min Scan# 443  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
45	381938		
45	100		
43	69.9	56.1	84.1
87	22.9	18.1	27.1
59	10.6	8.5	12.7





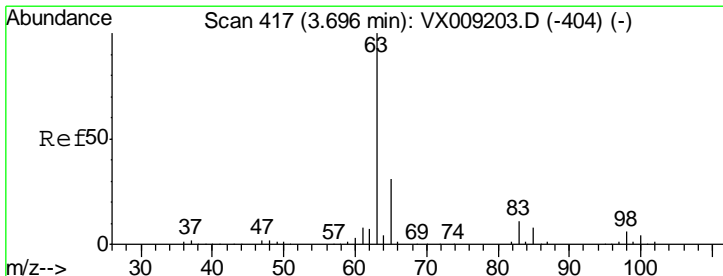
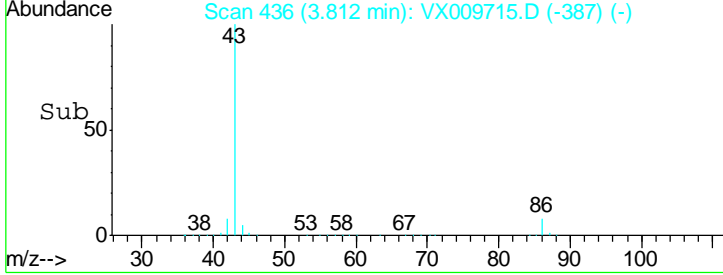
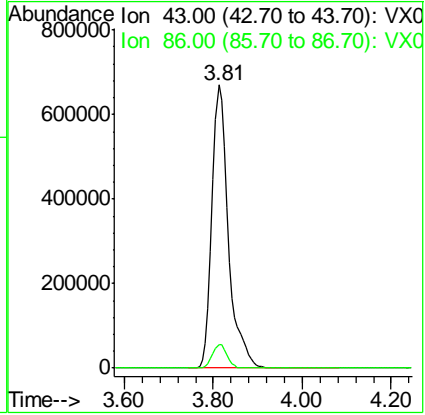
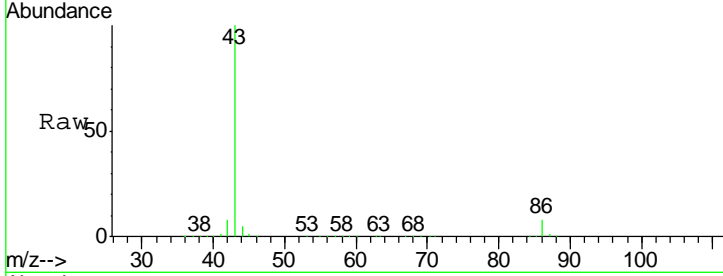
#23  
 Vinyl Acetate  
 Concen: 272.320 ug/l  
 RT: 3.81 min Scan# 436  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1710353

Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.9	10.3

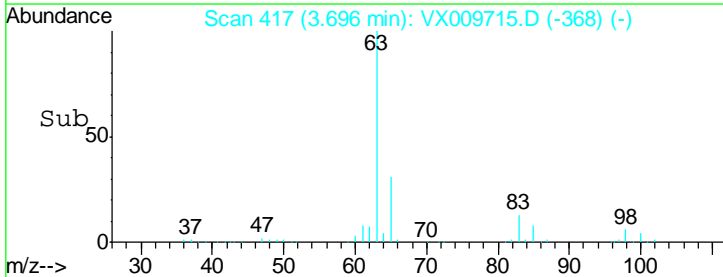
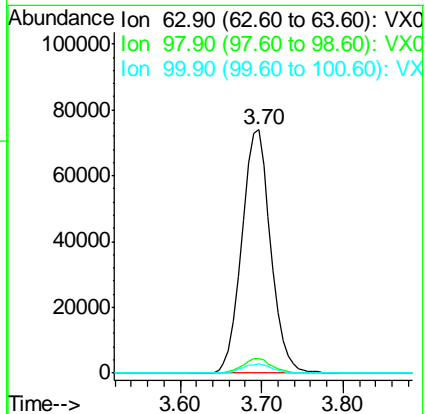
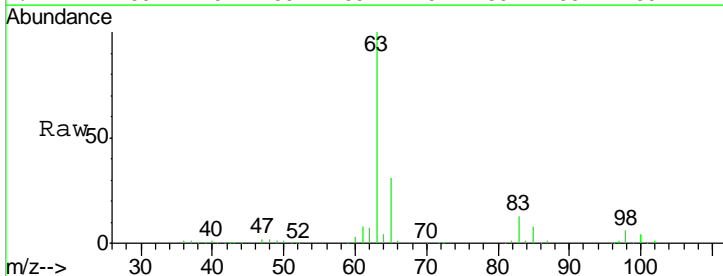
Manual Integrations  
**APPROVED**  
 MMDadoda  
 5/21/2019 9:13:24 AM



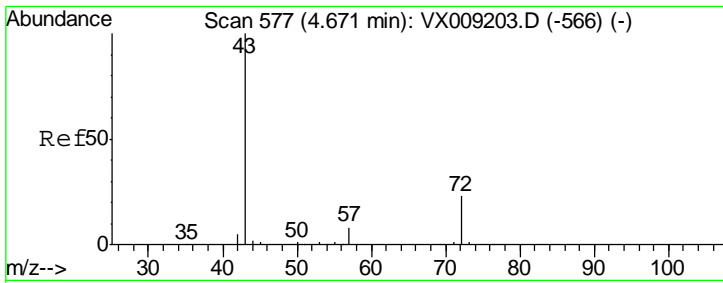
#24  
 1,1-Dichloroethane  
 Concen: 50.142 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion: 63 Resp: 181424

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.0	9.2
100	3.7	2.0	6.0





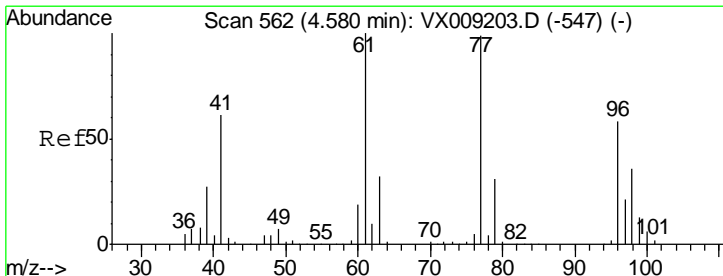
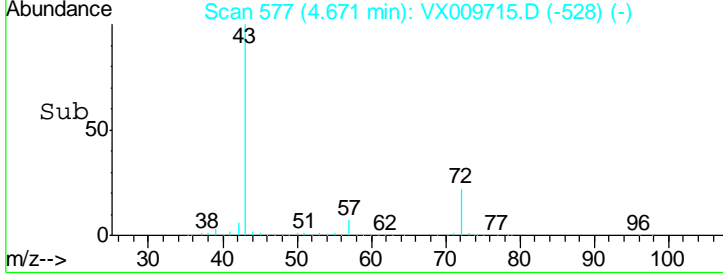
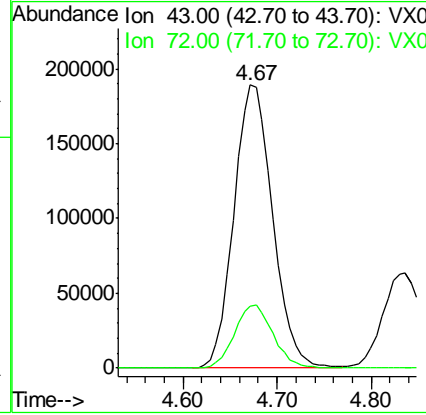
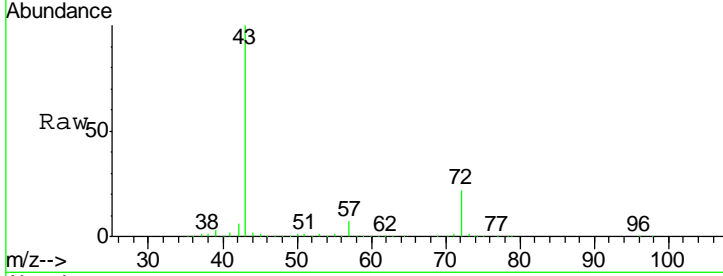


#25  
 2-Butanone  
 Concen: 284.306 ug/l  
 RT: 4.67 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

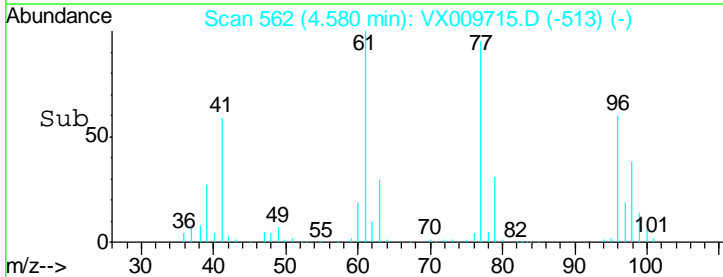
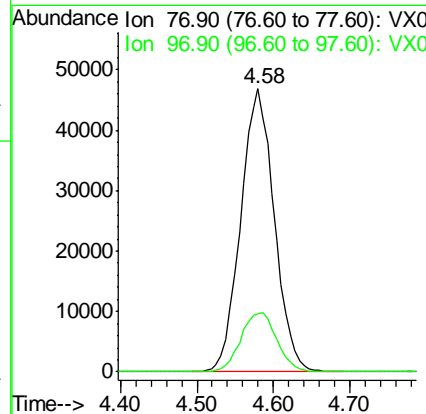
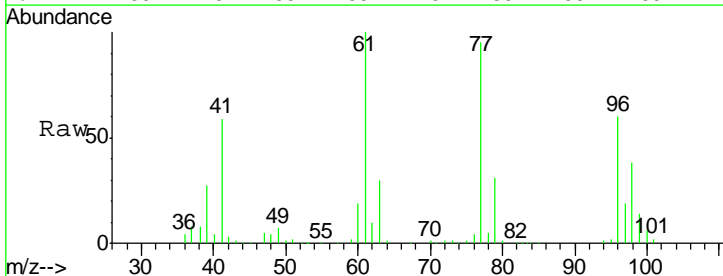
Tgt Ion	Resp	Lower	Upper
43	100		
72	22.0	18.2	27.2

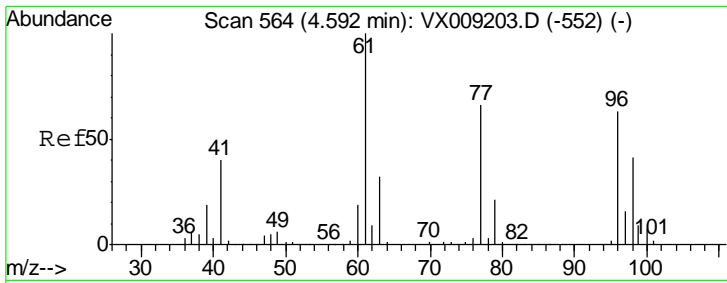
Manual Integrations  
**APPROVED**  
 MMDadoda  
 5/21/2019 9:13:24 AM



#26  
 2,2-Dichloropropane  
 Concen: 53.043 ug/l  
 RT: 4.58 min Scan# 562  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
77	100		
97	22.4	11.5	34.4





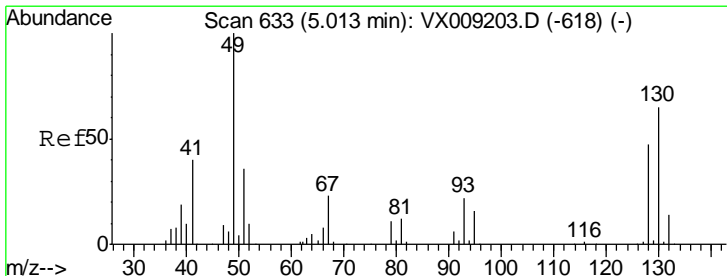
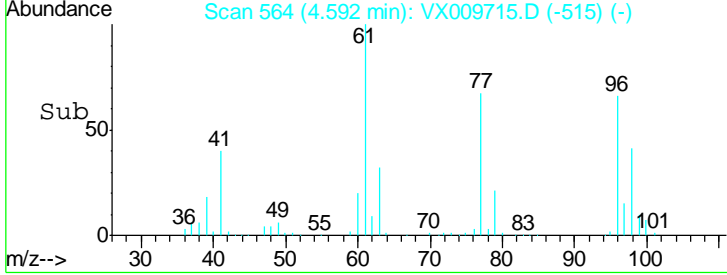
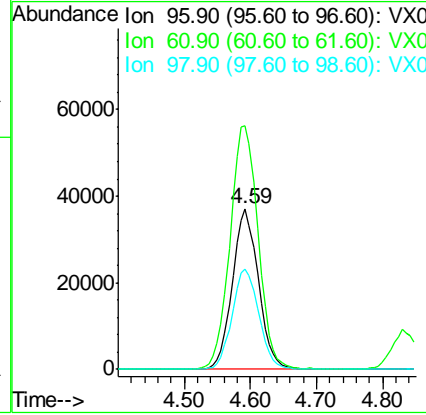
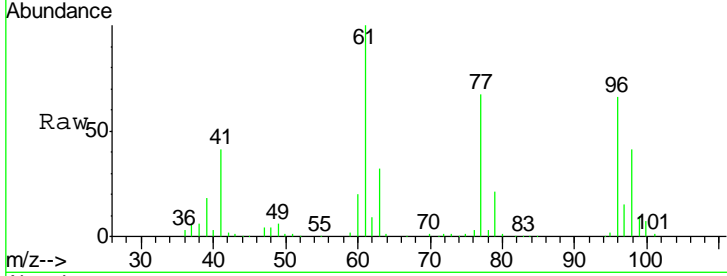
#27  
 cis-1,2-Dichloroethene  
 Concen: 50.033 ug/l  
 RT: 4.59 min Scan# 564  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	101360		
96	100		
61	163.1	0.0	324.0
98	63.9	0.0	130.4

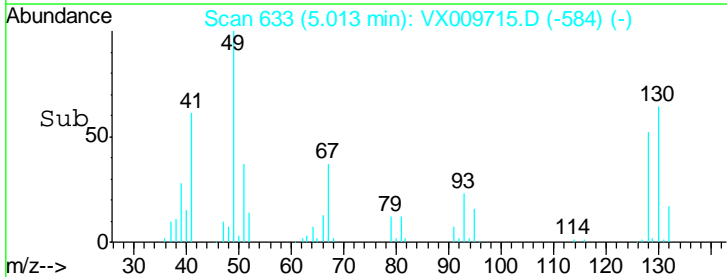
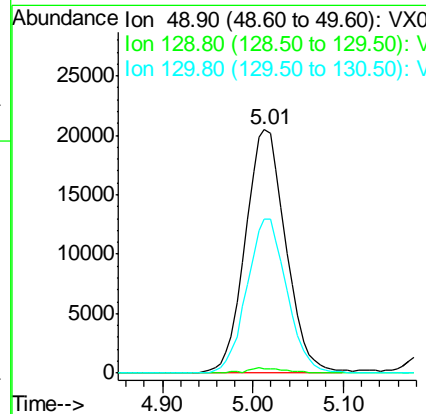
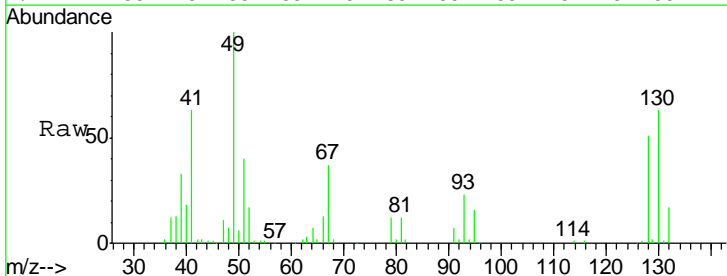
Manual Integrations  
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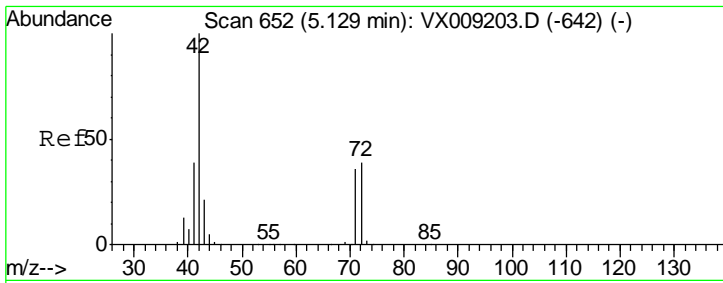
MMDadoda  
 5/21/2019 9:13:24 AM



#28  
 Bromochloromethane  
 Concen: 42.957 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
49	63129		
49	100		
129	1.9	0.0	3.8
130	62.9	51.2	76.8





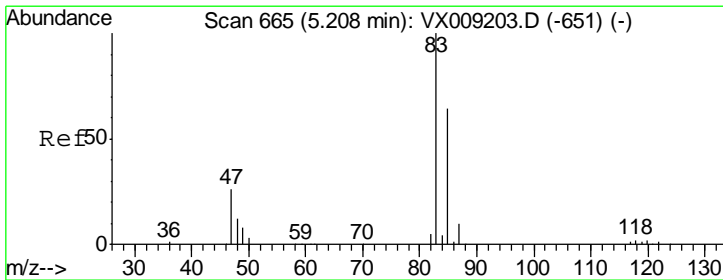
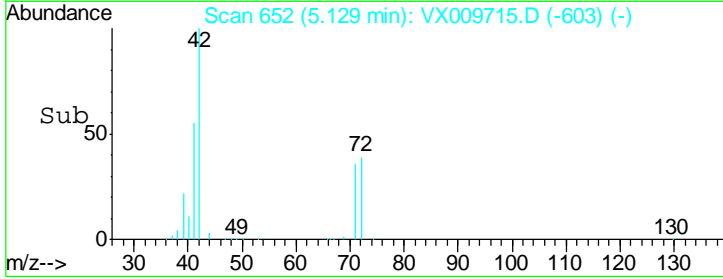
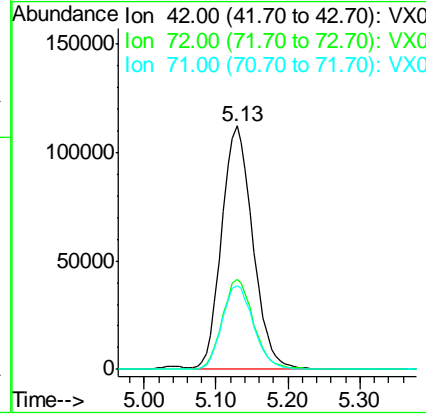
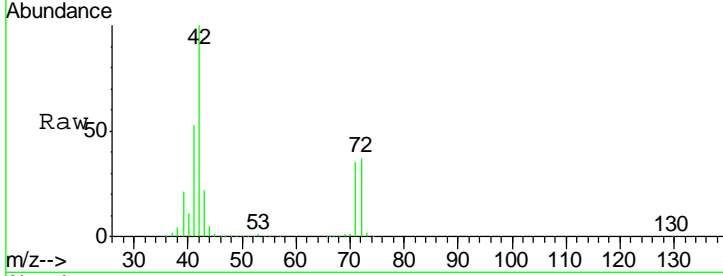
#29  
 Tetrahydrofuran  
 Concen: 275.388 ug/l  
 RT: 5.13 min Scan# 652  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
42	100		
72	37.3	30.4	45.6
71	34.9	28.6	43.0

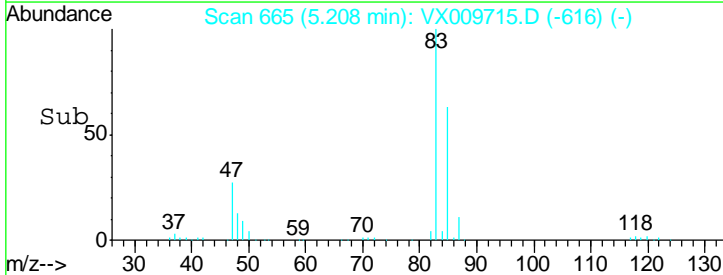
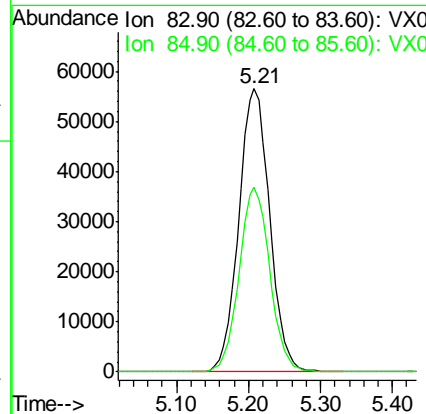
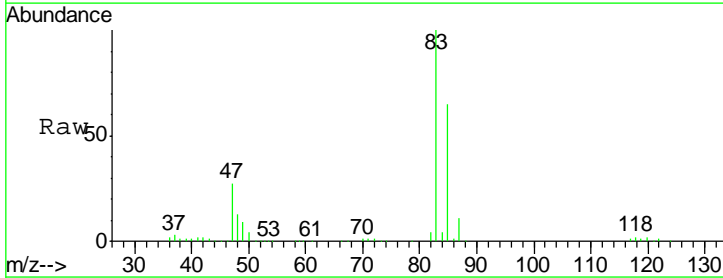
Manual Integrations  
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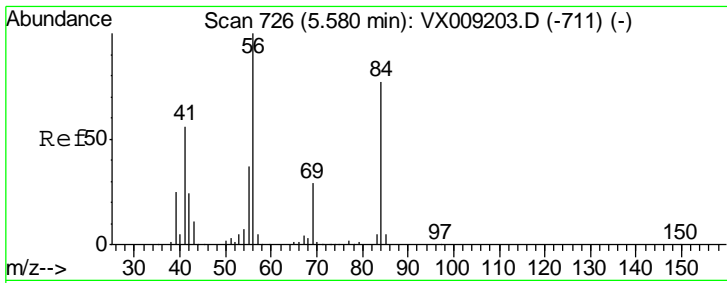
MMDadoda  
 5/21/2019 9:13:24 AM



#30  
 Chloroform  
 Concen: 51.471 ug/l  
 RT: 5.21 min Scan# 665  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
83	100		
85	65.4	51.5	77.3





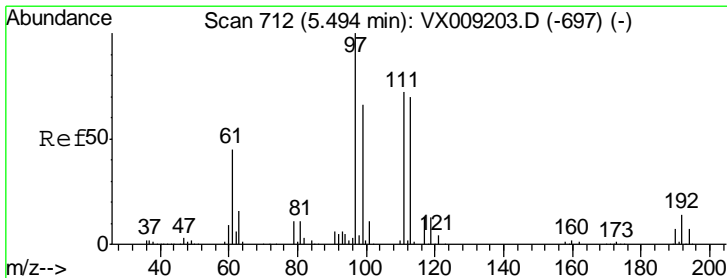
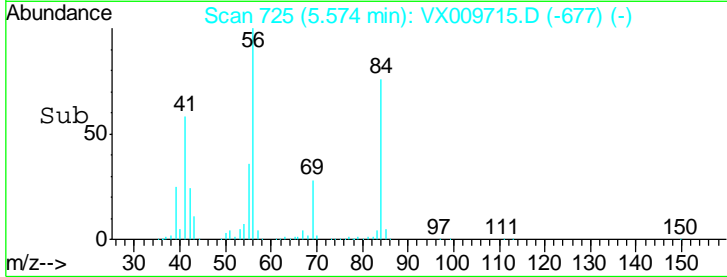
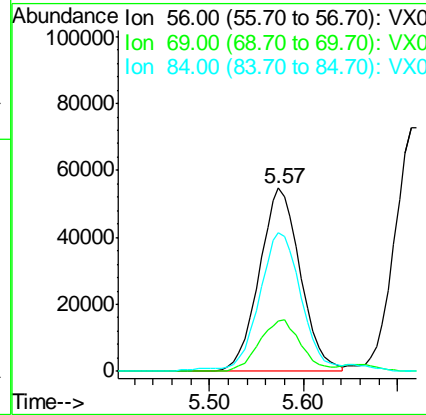
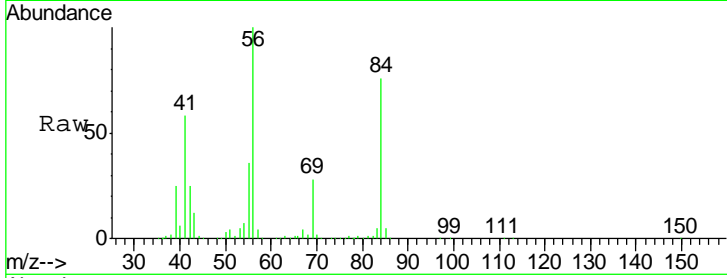
#31  
 Cyclohexane  
 Concen: 49.459 ug/l  
 RT: 5.57 min Scan# 725  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	100		
69	27.5	23.4	35.0
84	74.7	61.9	92.9

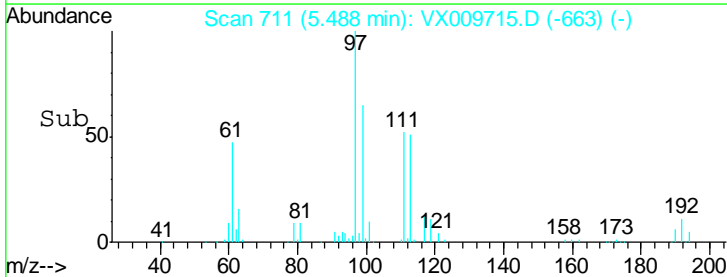
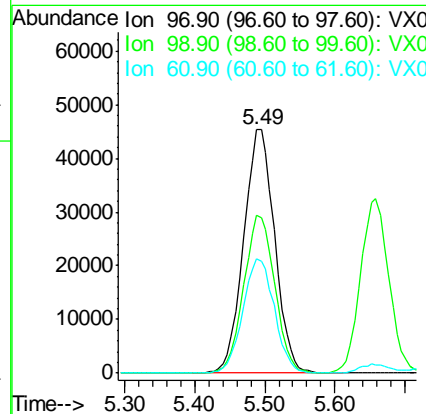
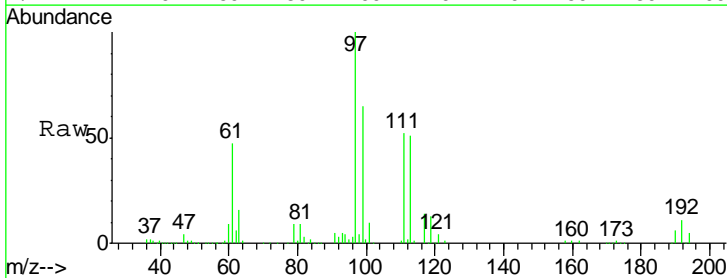
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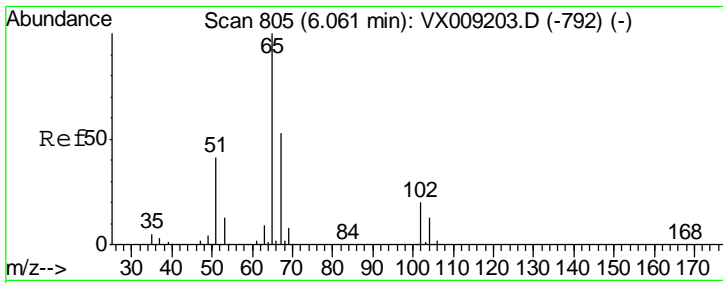
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#32  
 1,1,1-Trichloroethane  
 Concen: 51.277 ug/l  
 RT: 5.49 min Scan# 711  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	47.8	37.8	56.8





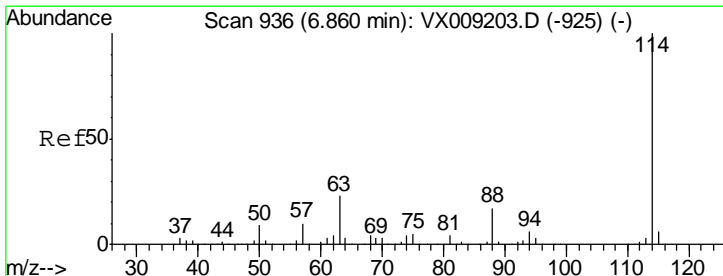
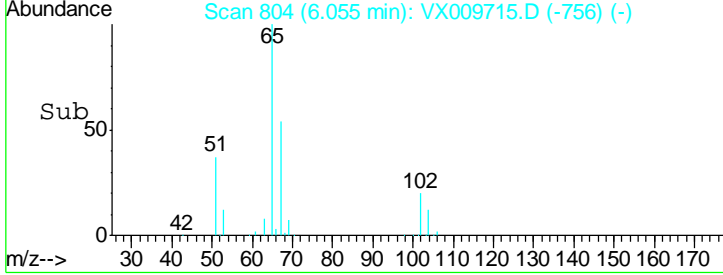
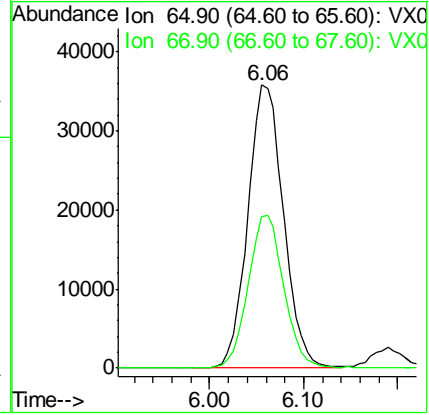
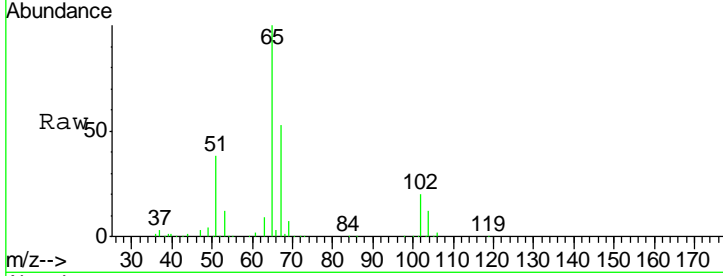
#33  
 1,2-Dichloroethane-d4  
 Concen: 41.711 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
65	100		
67	53.9	0.0	106.6

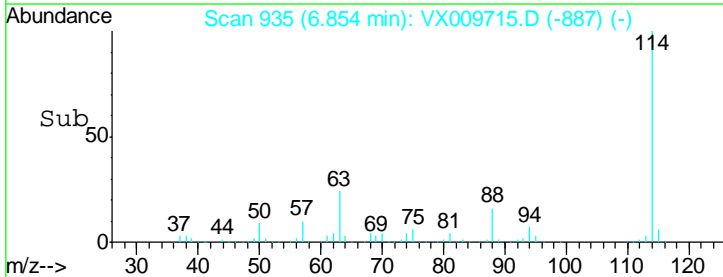
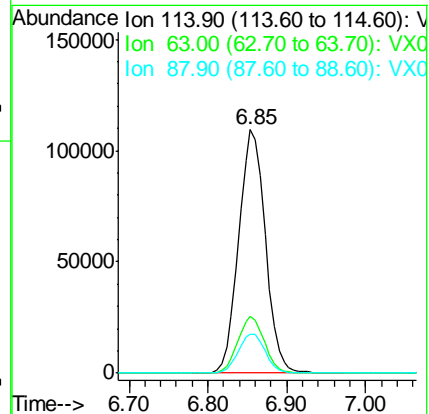
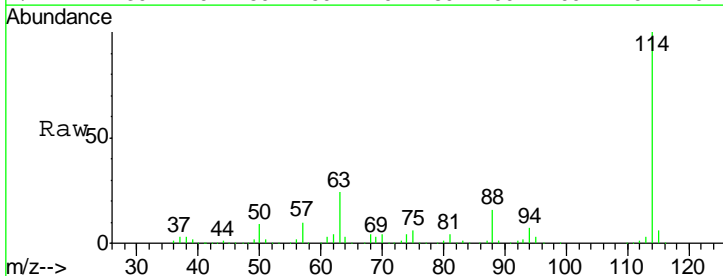
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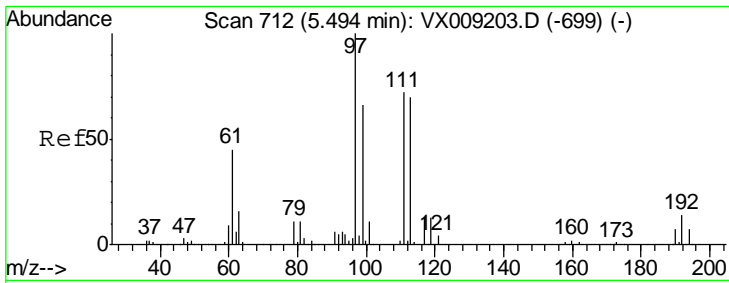
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
114	100		
63	23.5	0.0	45.6
88	15.8	0.0	33.2





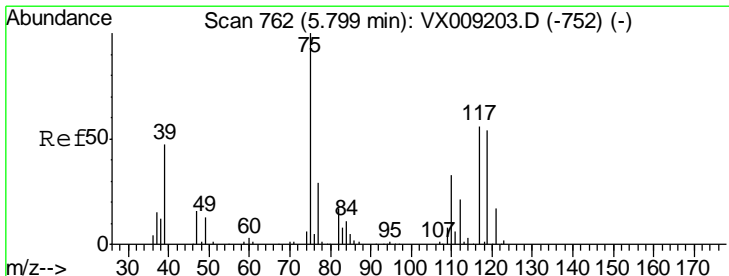
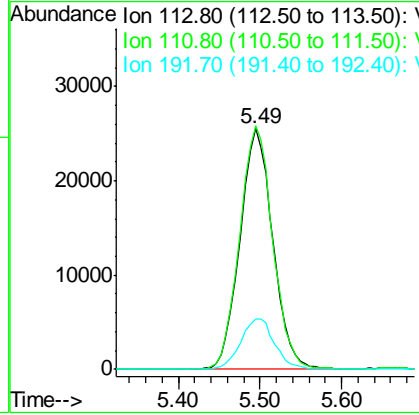
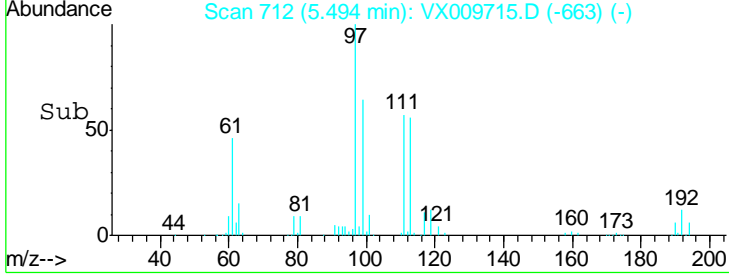
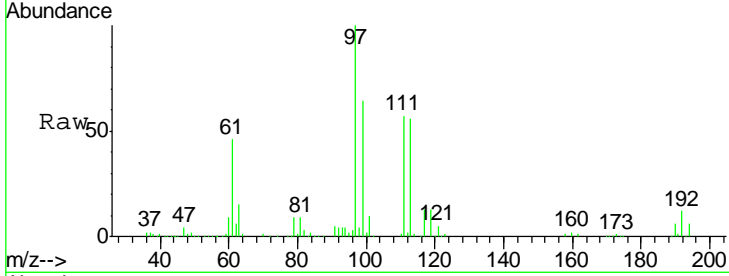
#35  
 Dibromofluoromethane  
 Concen: 43.898 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
113	71360		
113	100		
111	101.9	82.8	124.2
192	21.6	17.0	25.6

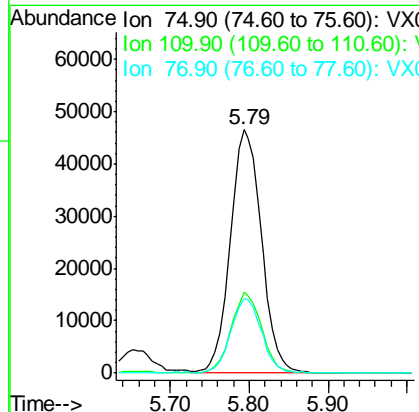
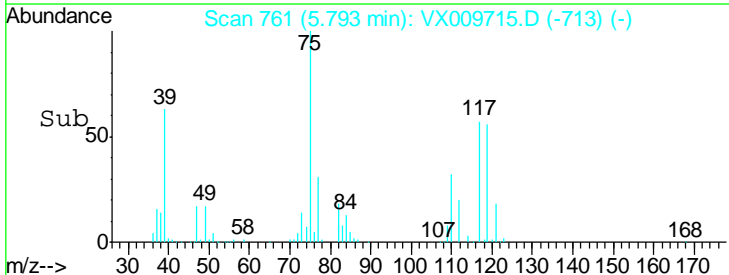
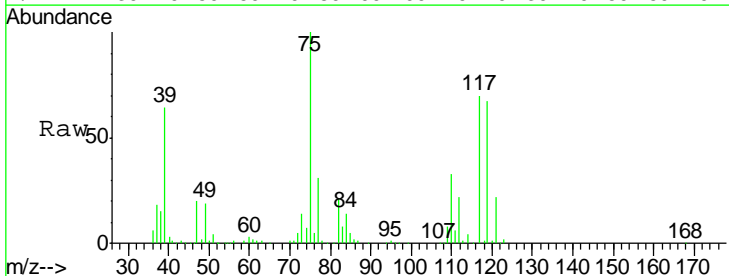
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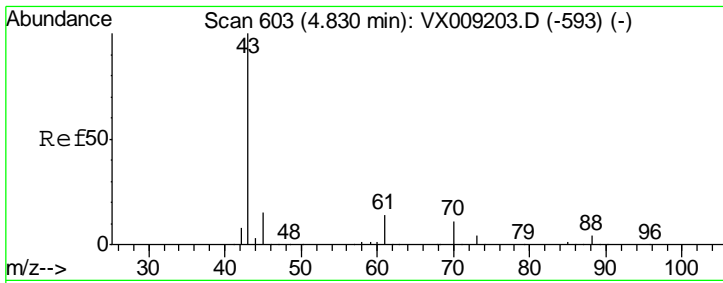
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#36  
 1,1-Dichloropropene  
 Concen: 52.846 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
75	126994		
75	100		
110	32.7	16.9	50.6
77	30.7	24.8	37.2





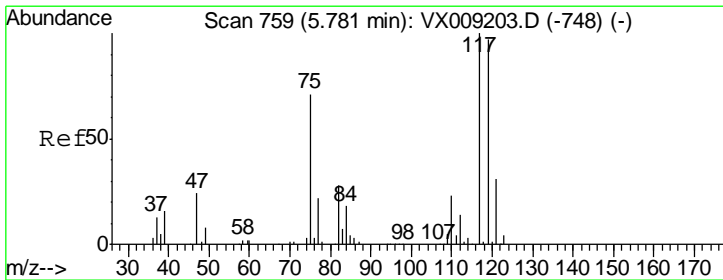
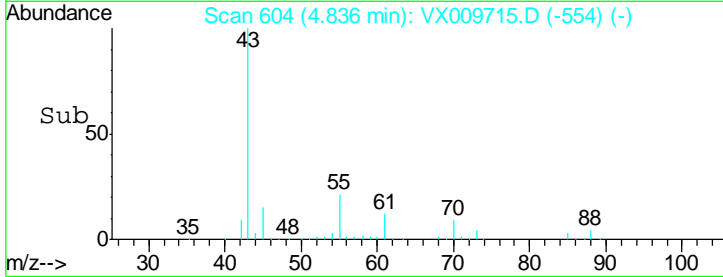
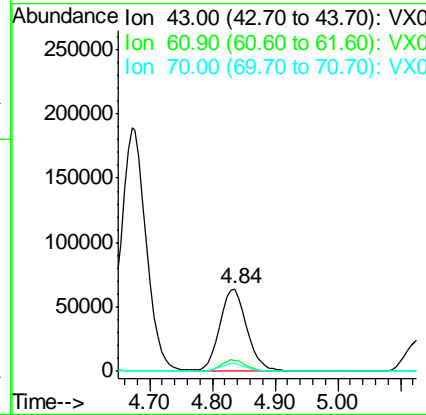
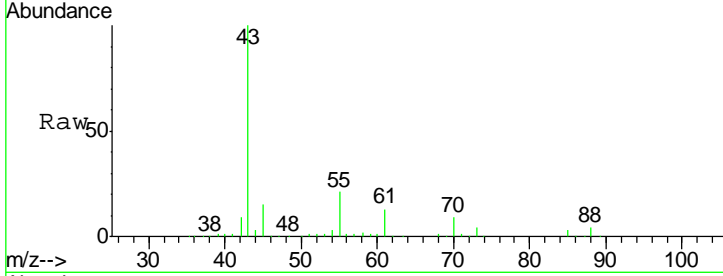
#37  
Ethyl Acetate  
Concen: 57.015 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX009715.D  
Acq: 20 May 2019 10:28

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	190896		
61	13.2	10.5	15.7
70	9.3	7.9	11.9

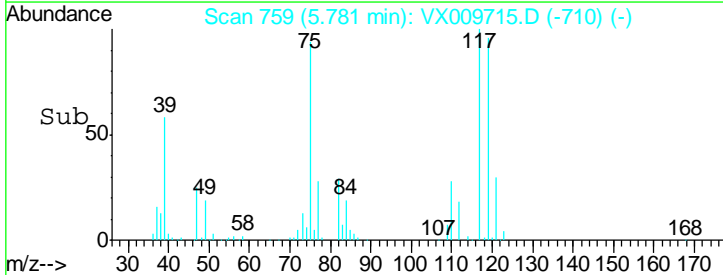
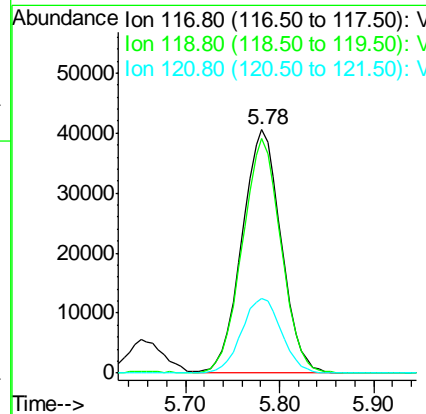
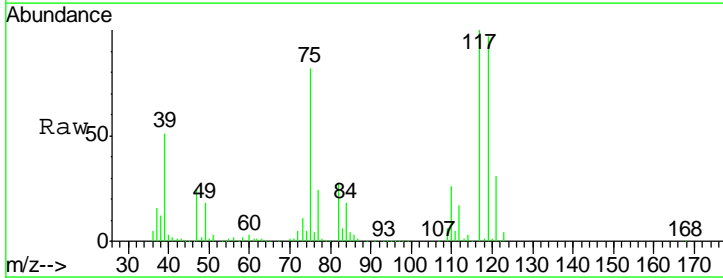
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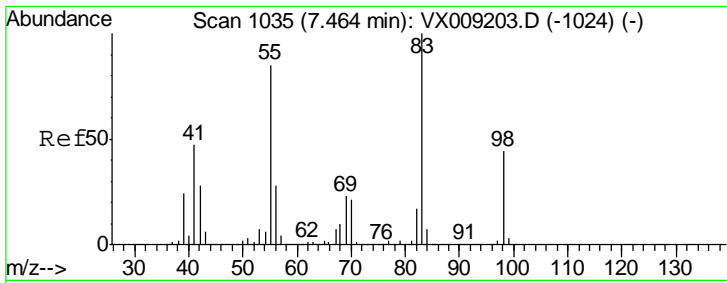
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#38  
Carbon Tetrachloride  
Concen: 53.729 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX009715.D  
Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
117	117308		
119	96.6	77.5	116.3
121	30.8	24.7	37.1





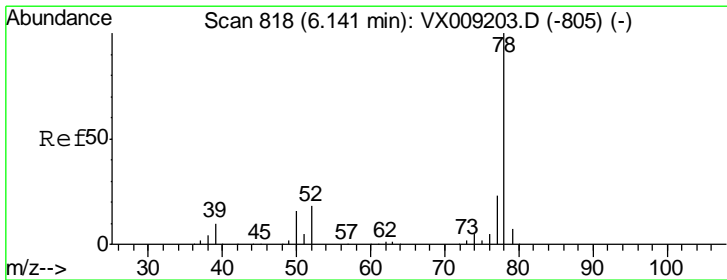
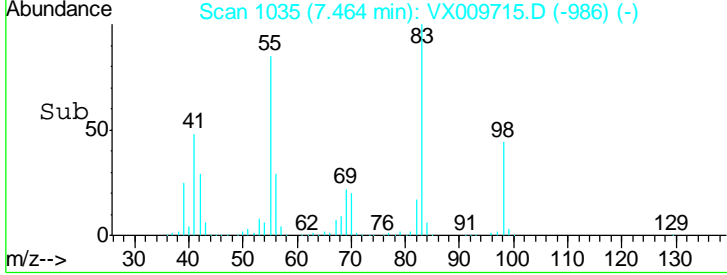
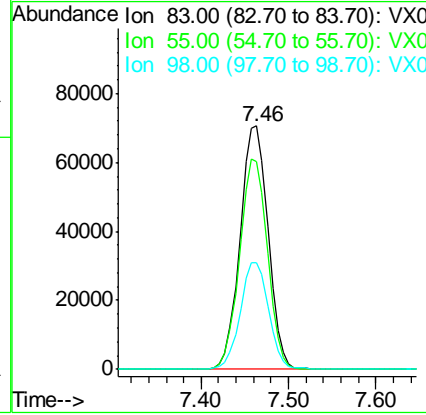
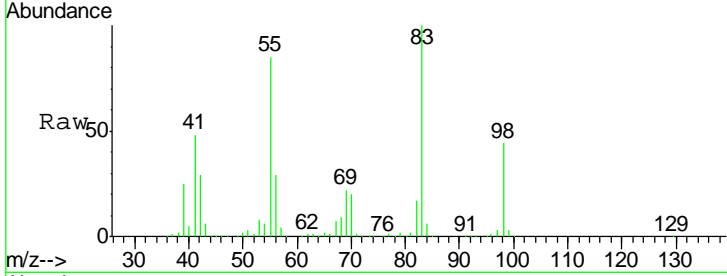
#39  
 Methylcyclohexane  
 Concen: 53.390 ug/l  
 RT: 7.46 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion: 83 Resp: 157565

Ion	Ratio	Lower	Upper
83	100		
55	85.4	67.7	101.5
98	43.7	35.5	53.3

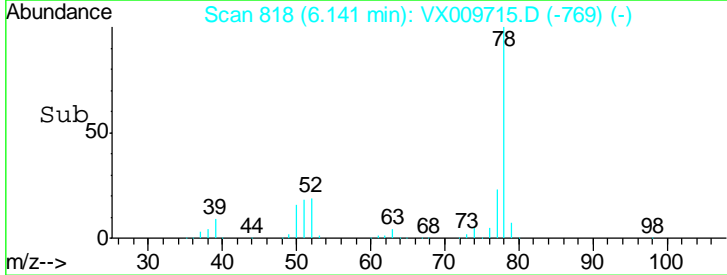
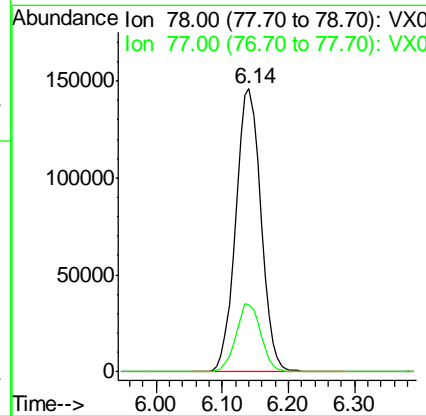
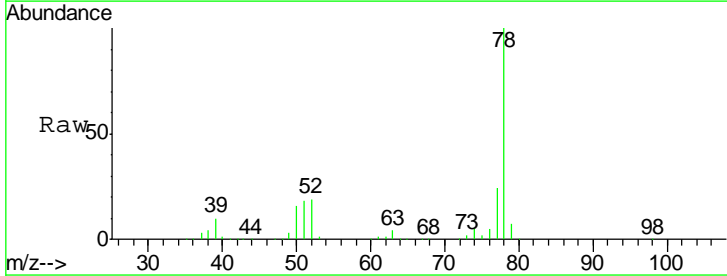
**Manual Integrations**  
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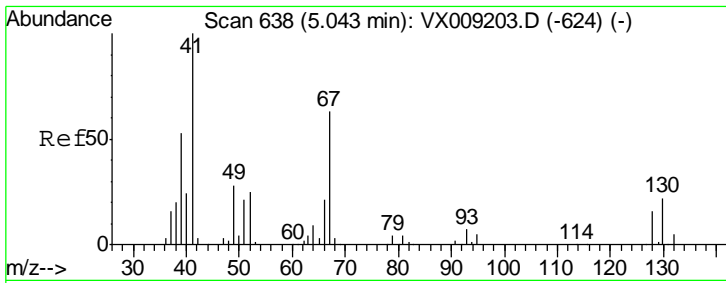
#40  
 Benzene  
 Concen: 51.911 ug/l  
 RT: 6.14 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion: 78 Resp: 386065

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

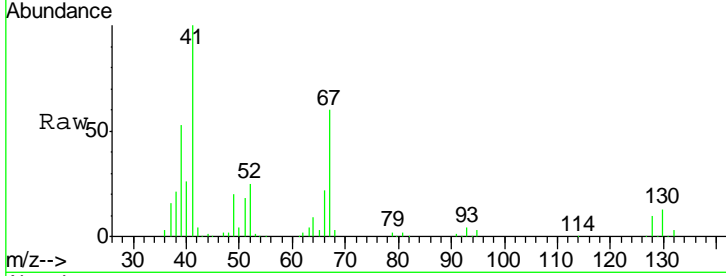






#41  
 Methacrylonitrile  
 Concen: 55.369 ug/l  
 RT: 5.04 min Scan# 638  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

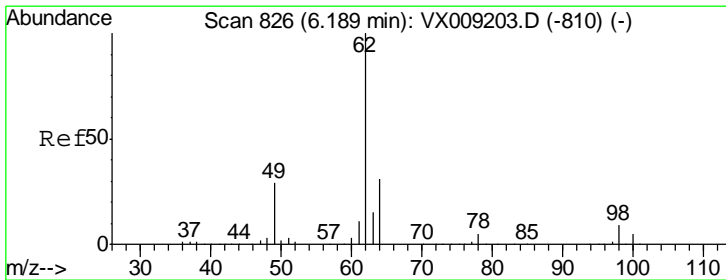
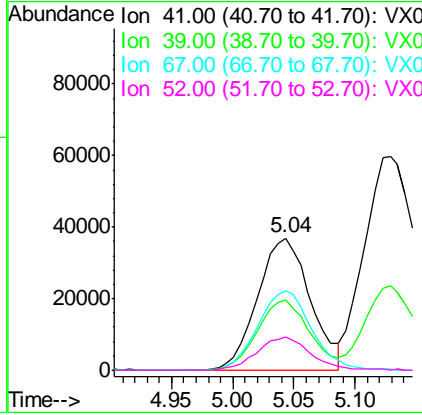
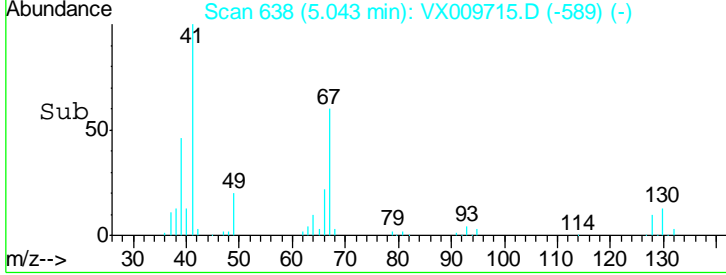
Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050



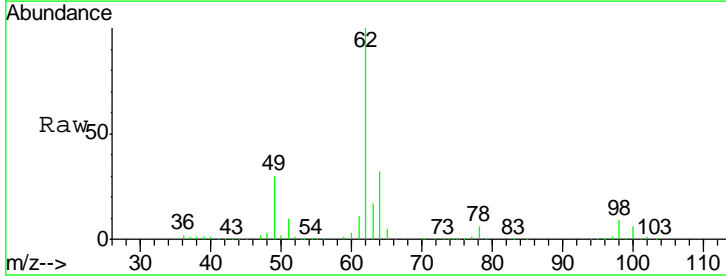
Tgt Ion: 41 Resp: 110354

Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.0	63.0
67	61.5	49.8	74.8
52	25.2	20.3	30.5

Manual Integrations  
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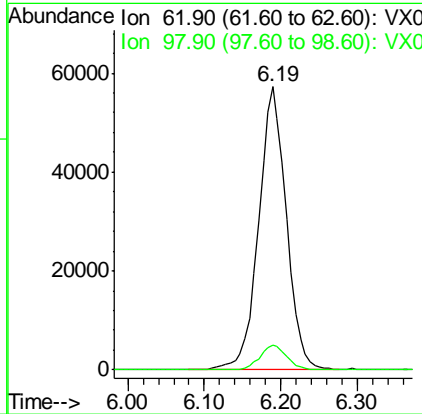
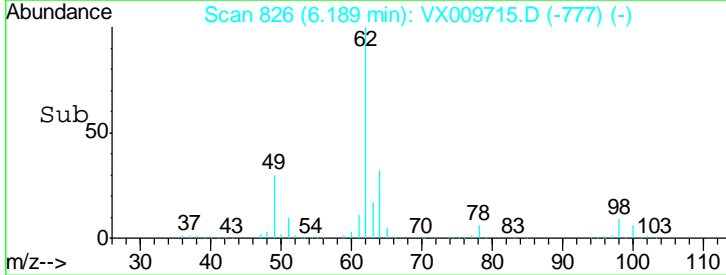


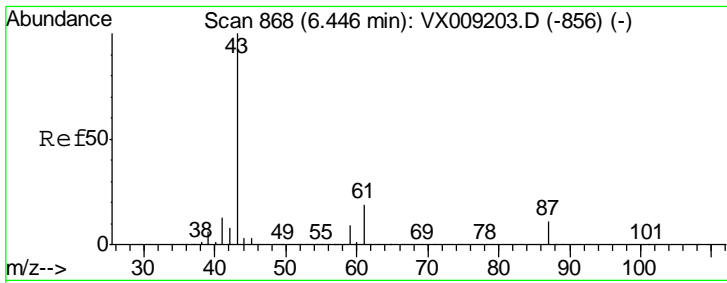
#42  
 1,2-Dichloroethane  
 Concen: 54.192 ug/l  
 RT: 6.19 min Scan# 826  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28



Tgt Ion: 62 Resp: 144575

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2





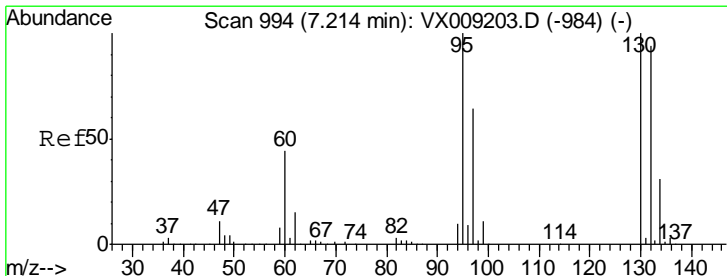
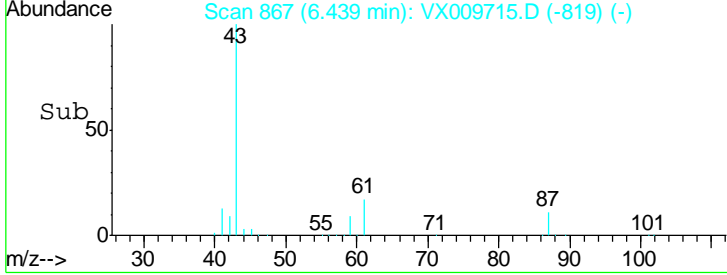
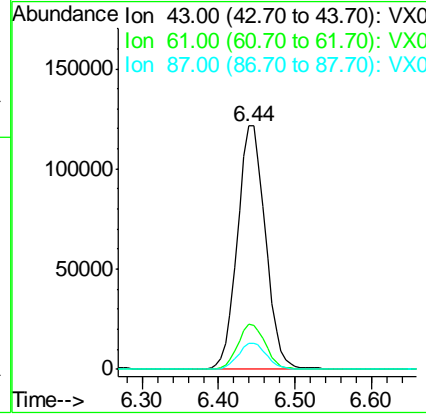
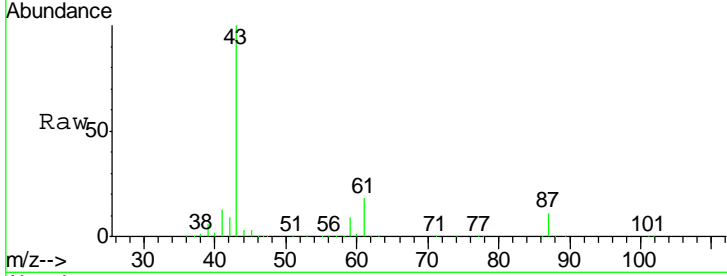
#43  
 Isopropyl Acetate  
 Concen: 57.404 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion: 43 Resp: 307435

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.1	22.7
87	11.0	9.0	13.6

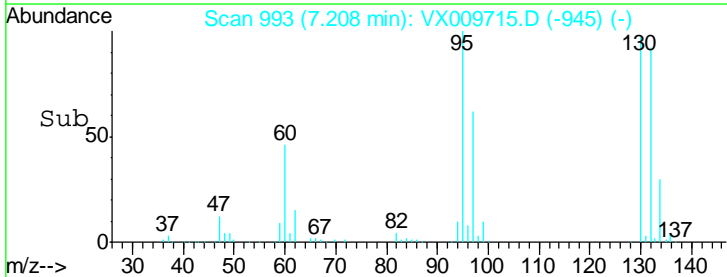
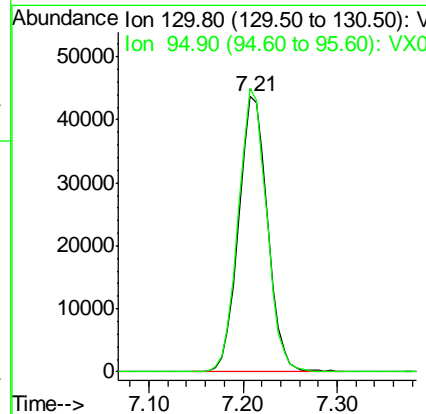
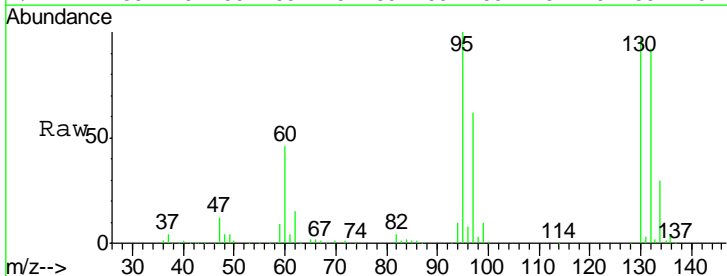
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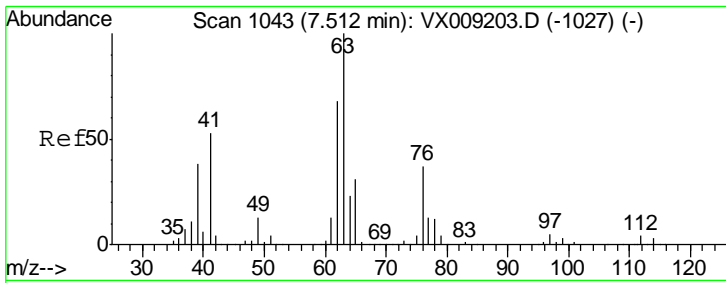


#44  
 Trichloroethene  
 Concen: 52.035 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion: 130 Resp: 93555

Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	199.2





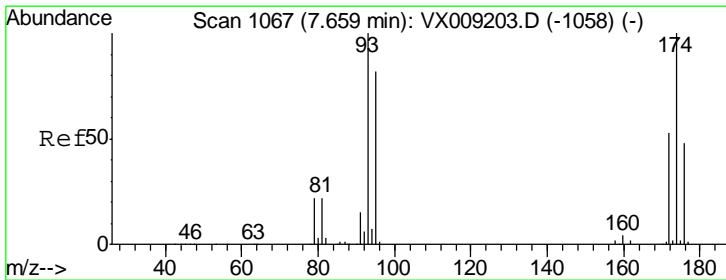
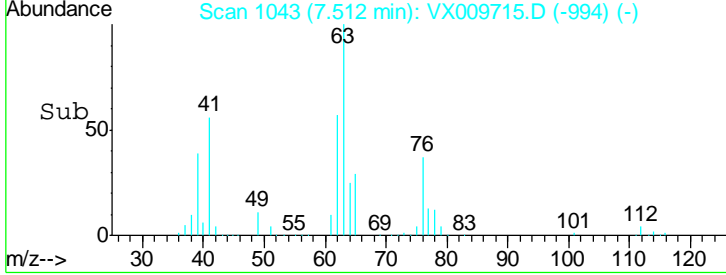
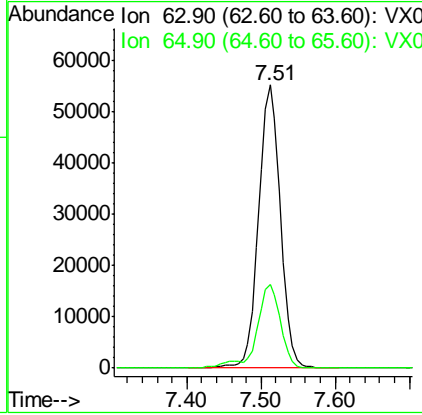
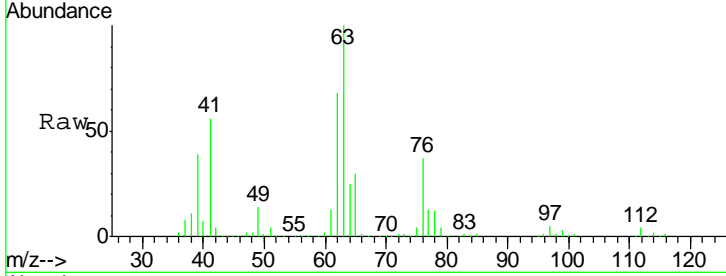
#45  
 1,2-Dichloropropane  
 Concen: 53.967 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
63	113648		
65	29.8	25.0	37.6

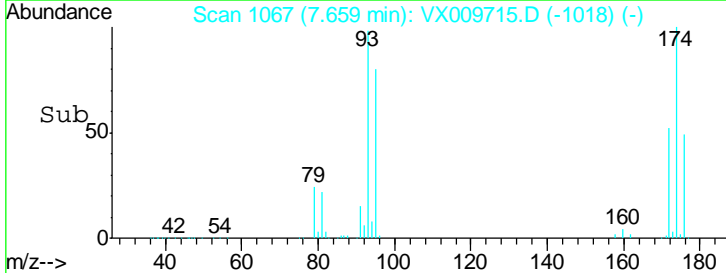
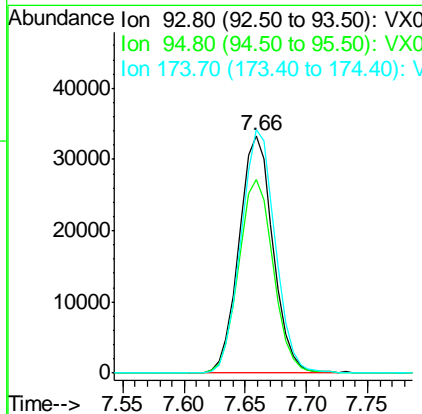
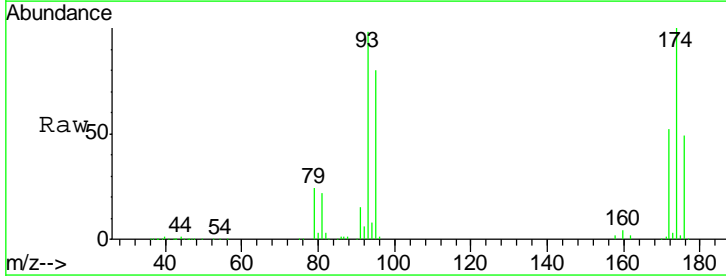
Manual Integrations  
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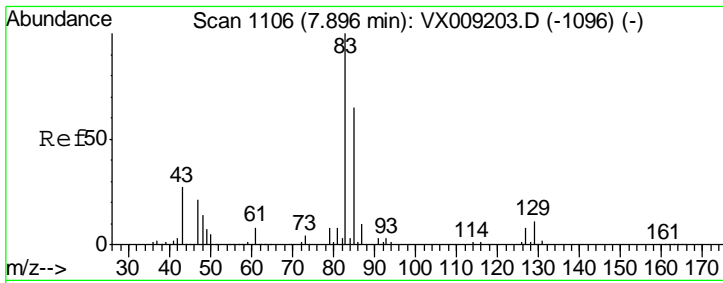
MMDadoda  
 5/21/2019 9:13:24 AM



#46  
 Dibromomethane  
 Concen: 52.559 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
93	64275		
95	83.5	66.5	99.7
174	103.5	82.1	123.1





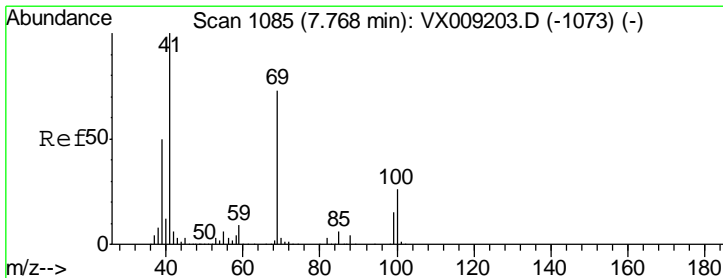
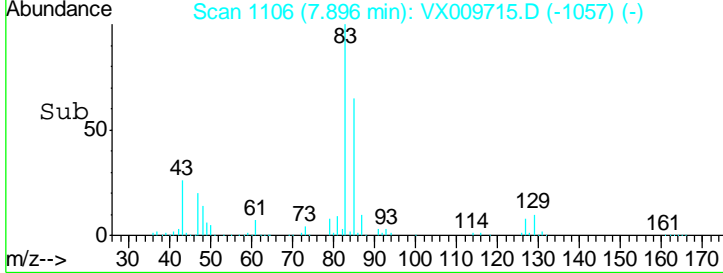
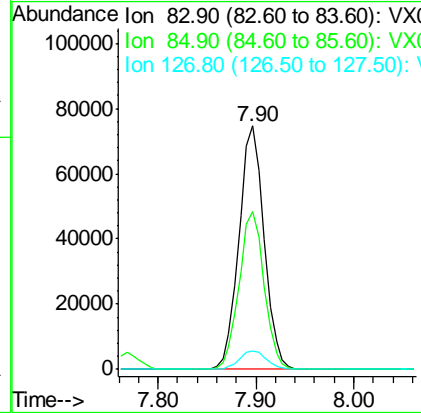
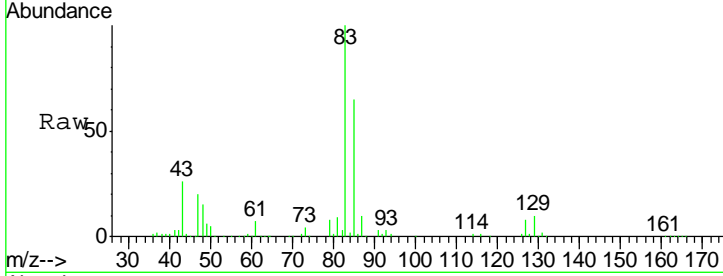
#47  
 Bromodichloromethane  
 Concen: 54.662 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	133342		
85	64.7	52.4	78.6
127	7.7	6.6	10.0

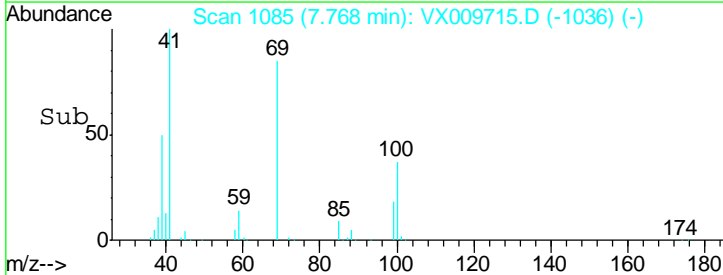
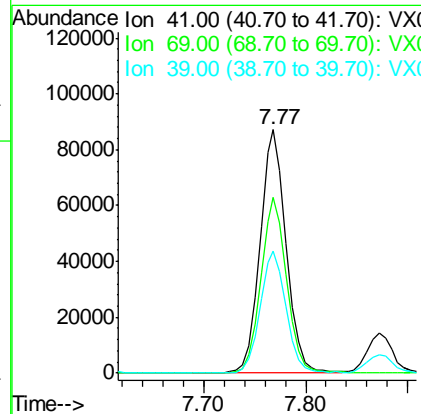
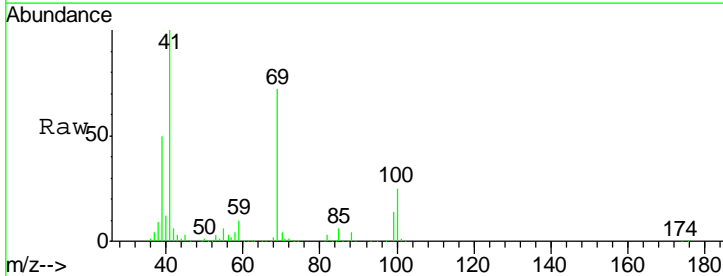
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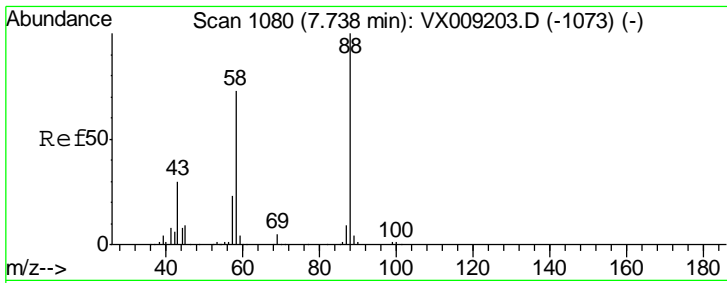
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 5/21/2019 9:13:24 AM



#48  
 Methyl methacrylate  
 Concen: 58.107 ug/l  
 RT: 7.77 min Scan# 1085  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
41	154392		
69	72.2	59.1	88.7
39	50.5	40.4	60.6





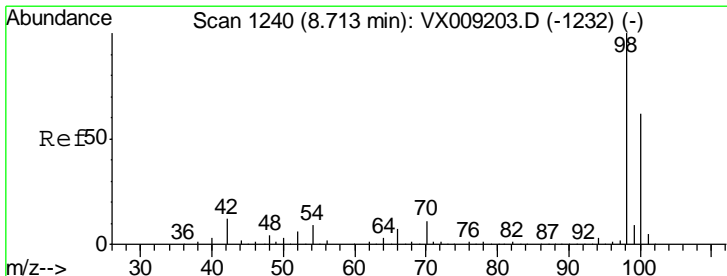
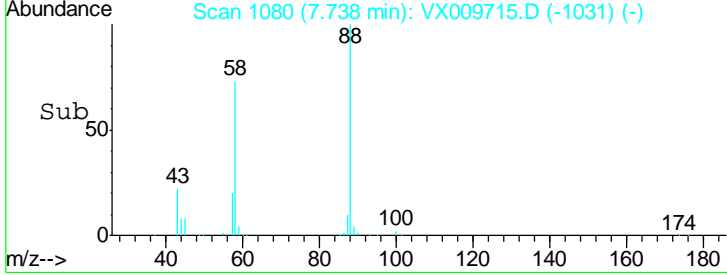
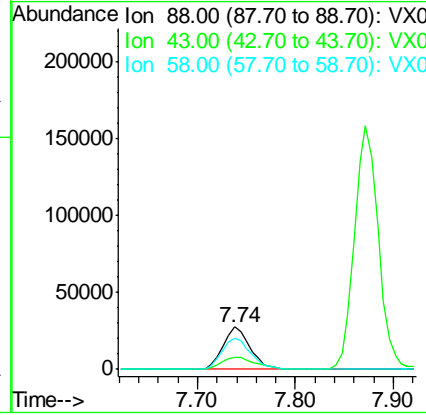
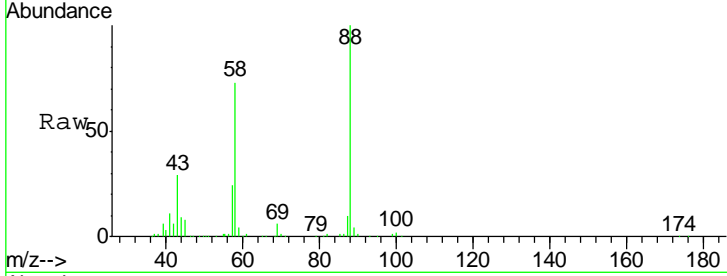
#49  
 1,4-Dioxane  
 Concen: 985.216 ug/l  
 RT: 7.74 min Scan# 1080  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
88	53088		
88	100		
43	36.2	28.6	42.8
58	79.2	61.7	92.5

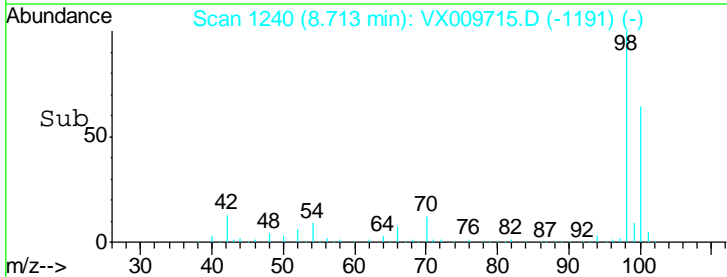
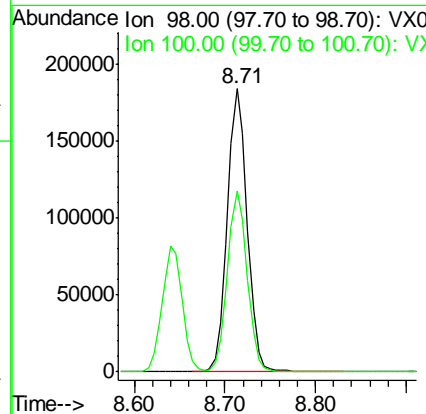
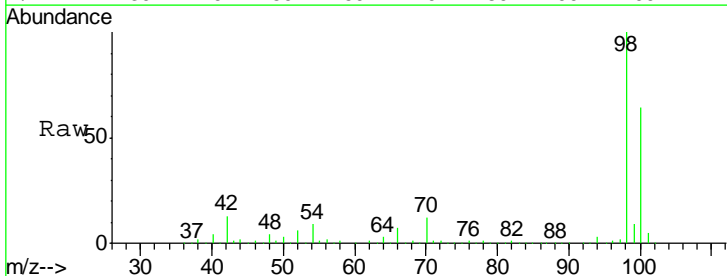
**Manual Integrations**  
**APPROVED**

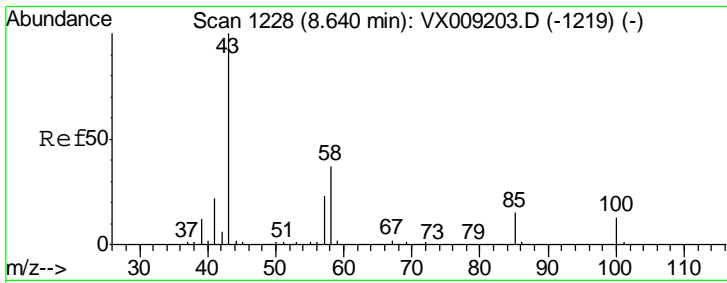
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#50  
 Toluene-d8  
 Concen: 42.676 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
98	280076		
98	100		
100	64.0	51.2	76.8



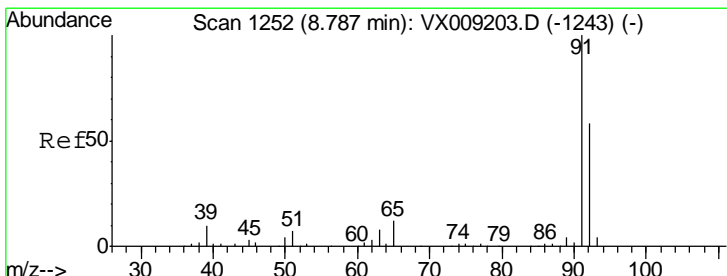
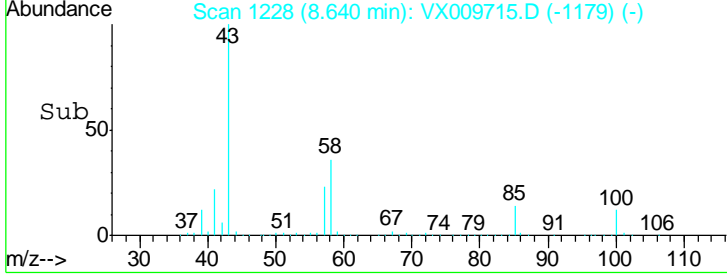
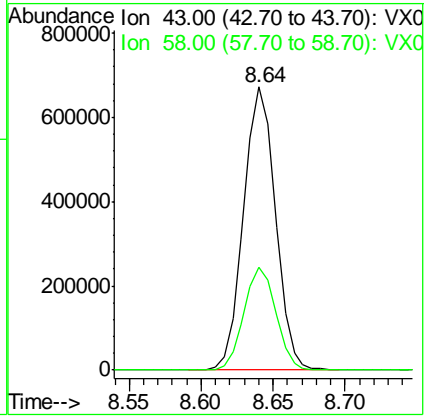
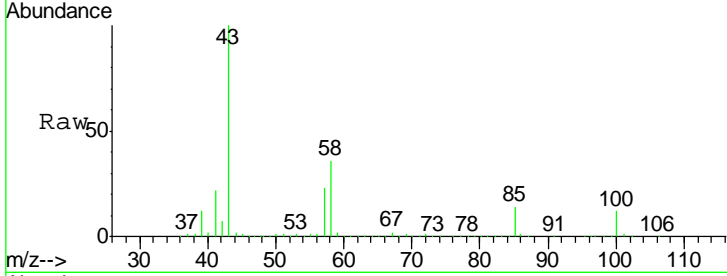


#51  
 4-Methyl-2-Pentanone  
 Concen: 294.622 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

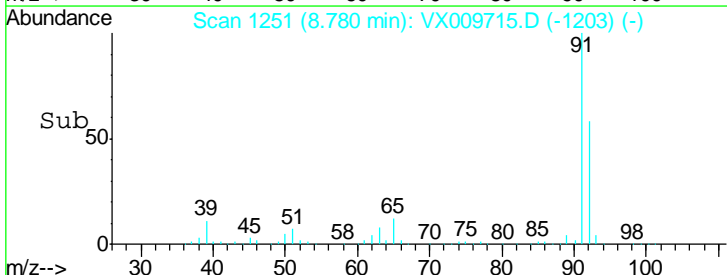
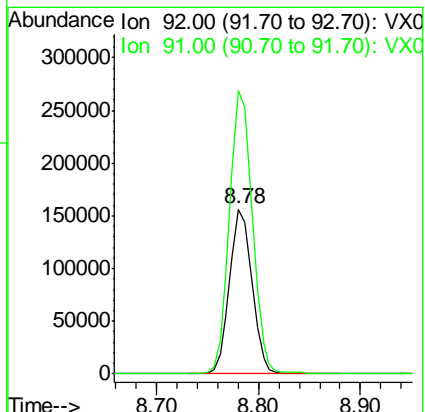
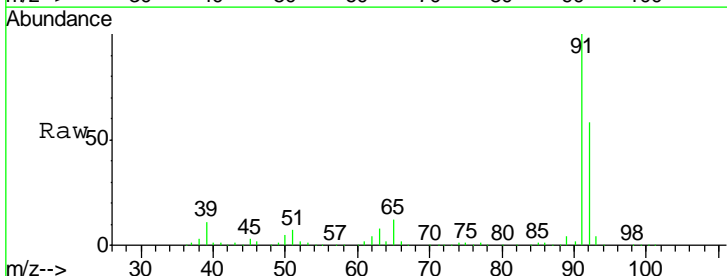
Tgt Ion	Resp	Lower	Upper
43	100		
58	36.5	29.5	44.3

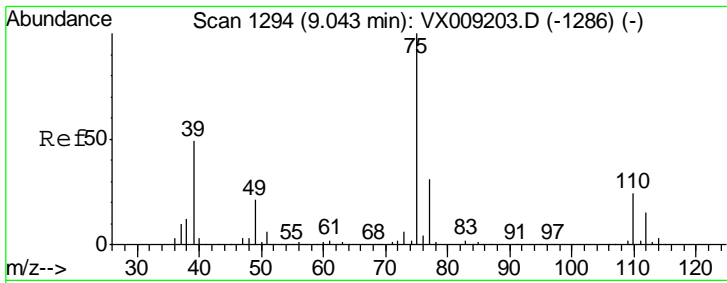
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#52  
 Toluene  
 Concen: 53.074 ug/l  
 RT: 8.78 min Scan# 1251  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
92	100		
91	174.5	138.8	208.2





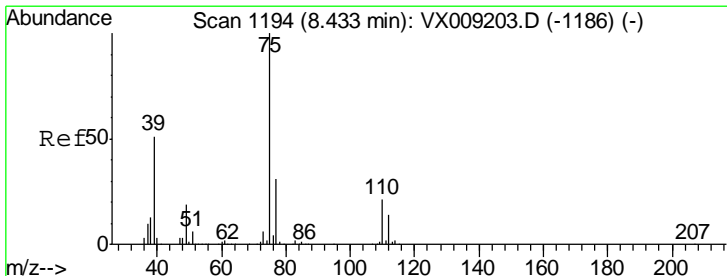
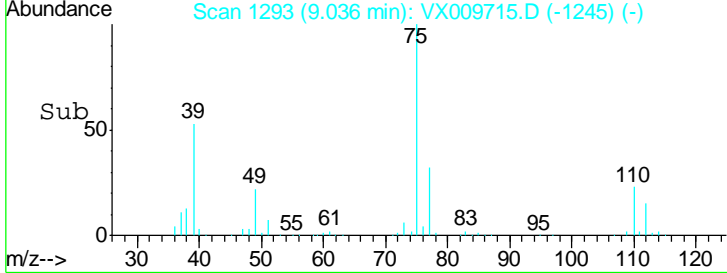
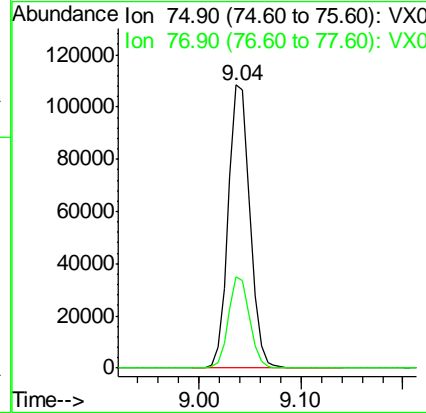
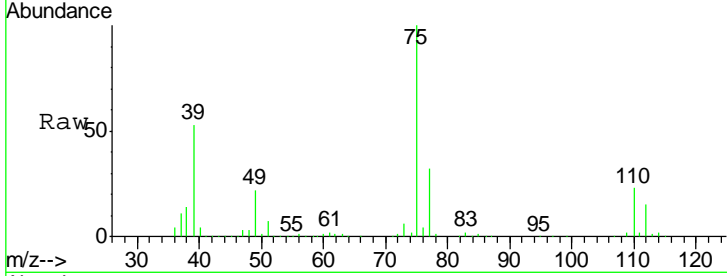
#53  
 t-1,3-Dichloropropene  
 Concen: 58.020 ug/l  
 RT: 9.04 min Scan# 1293  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	159792		
75	100		
77	32.1	25.0	37.6

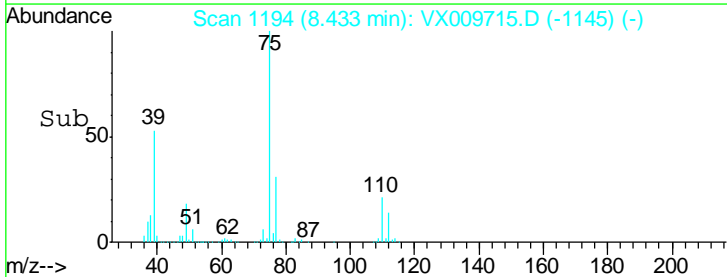
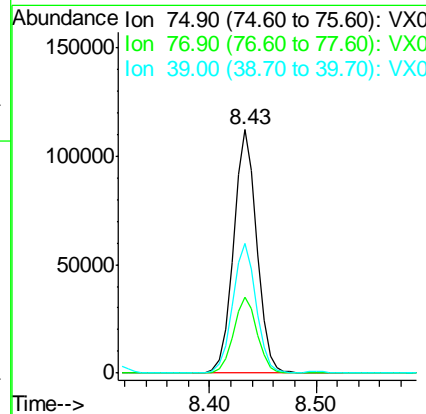
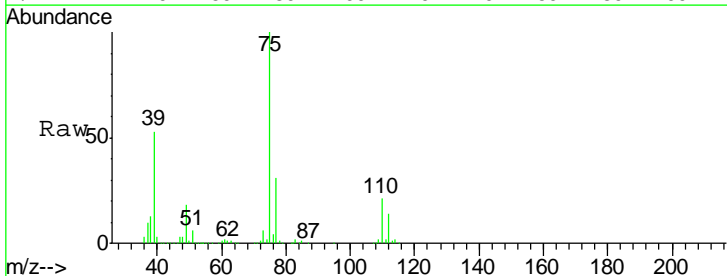
**Manual Integrations**  
**APPROVED**

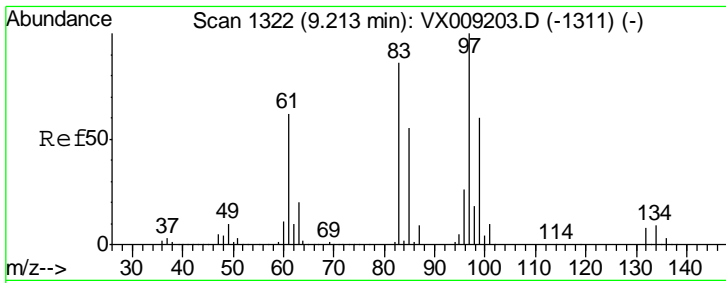
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#54  
 cis-1,3-Dichloropropene  
 Concen: 56.002 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
75	170714		
75	100		
77	31.0	24.6	36.8
39	53.3	40.6	60.8





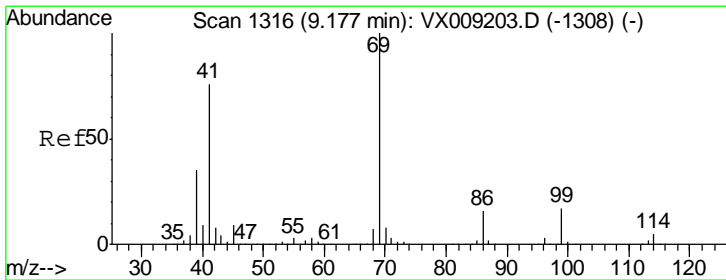
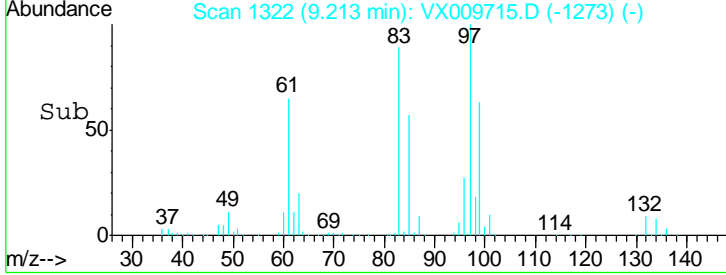
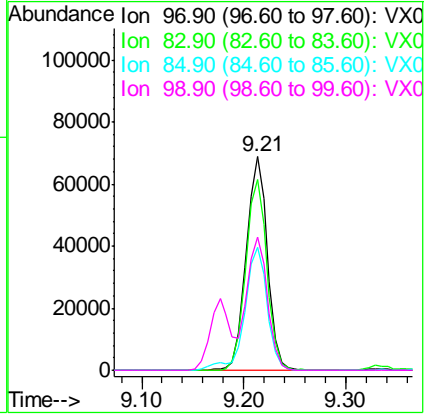
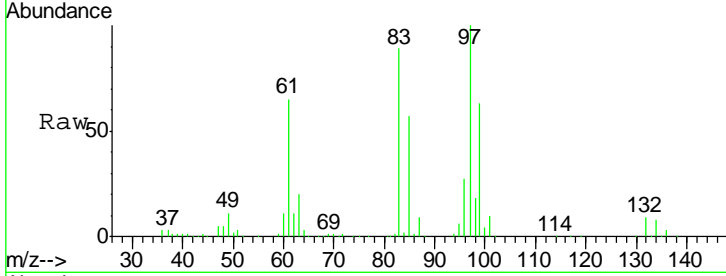
#55  
 1,1,2-Trichloroethane  
 Concen: 54.145 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
97	100		
83	89.1	68.9	103.3
85	57.5	43.8	65.6
99	62.4	48.2	72.2

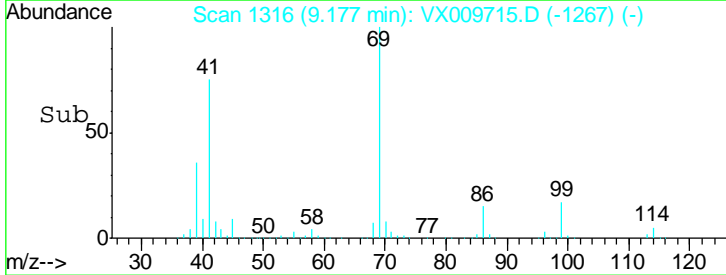
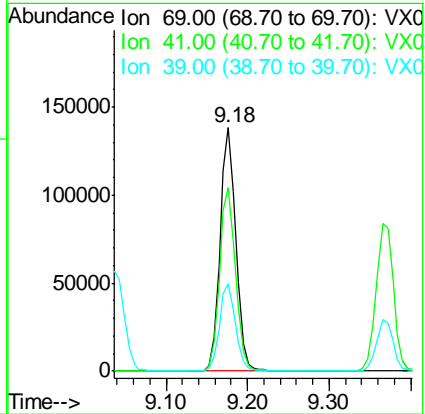
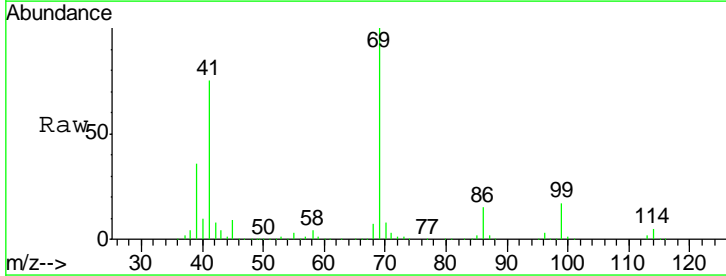
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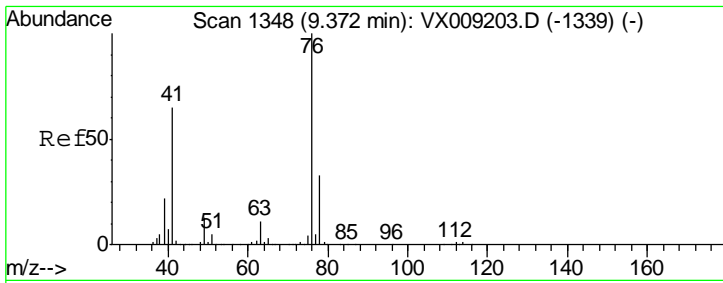


#56  
 Ethyl methacrylate  
 Concen: 57.131 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
69	100		
41	76.3	60.6	90.8
39	36.3	28.2	42.4





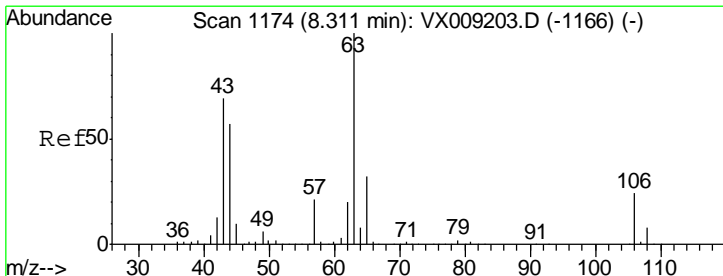
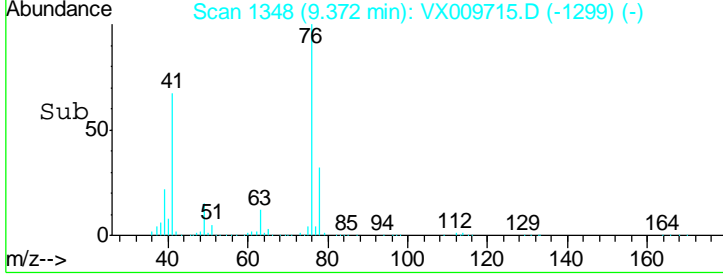
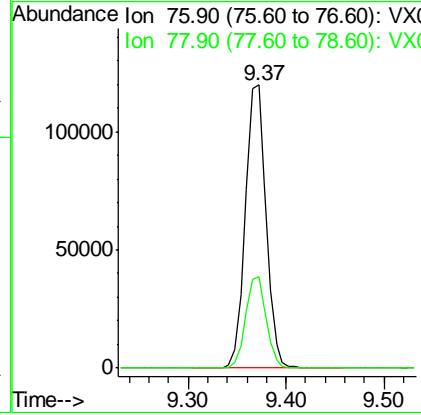
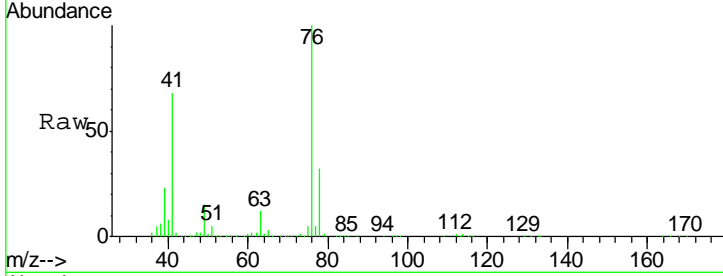


#57  
 1,3-Dichloropropane  
 Concen: 54.093 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

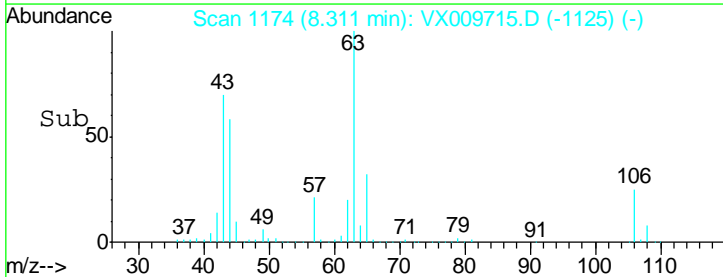
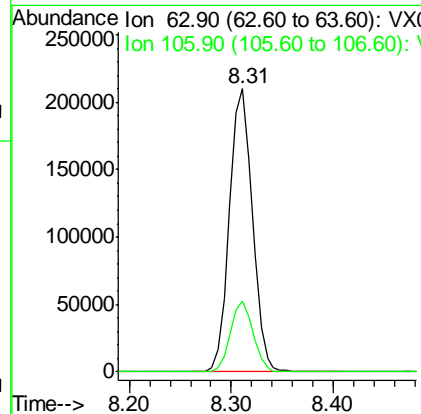
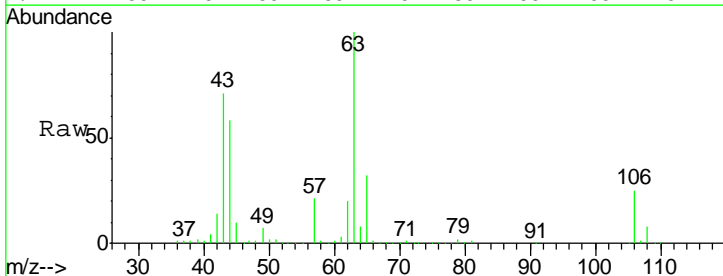
Tgt Ion	Resp	Lower	Upper
76	175566		
76	100		
78	32.0	25.5	38.3

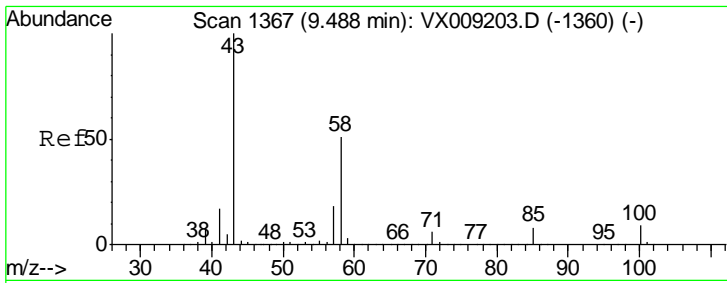
Manual Integrations  
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 MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 187.838 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
63	328068		
63	100		
106	24.4	19.7	29.5



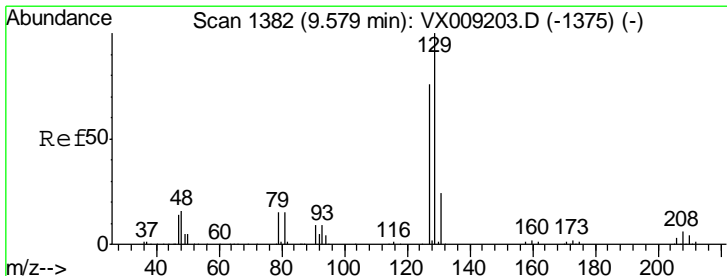
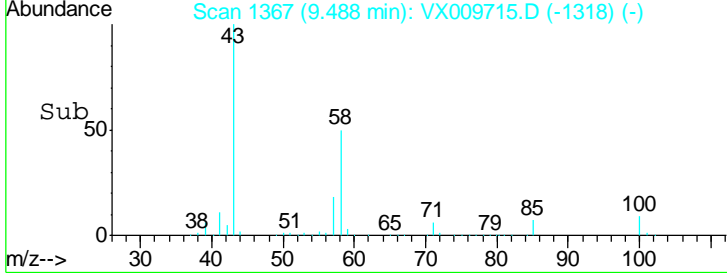
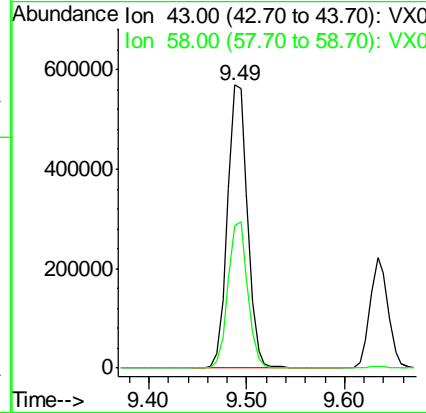
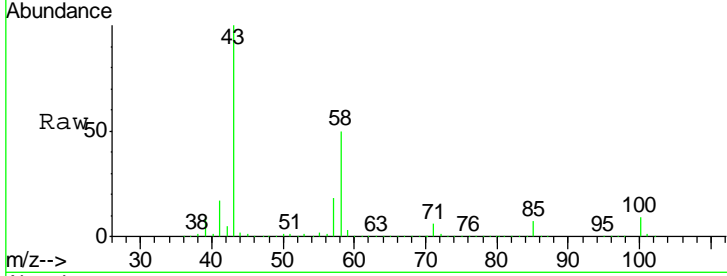


#59  
 2-Hexanone  
 Concen: 293.683 ug/l  
 RT: 9.49 min Scan# 1367  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

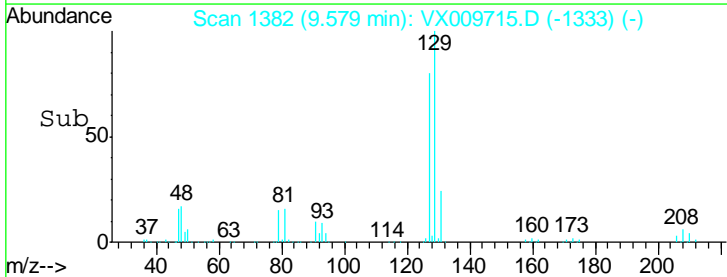
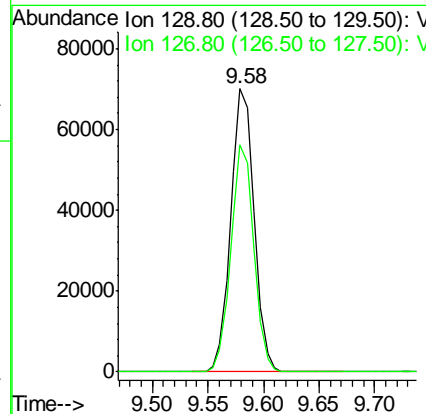
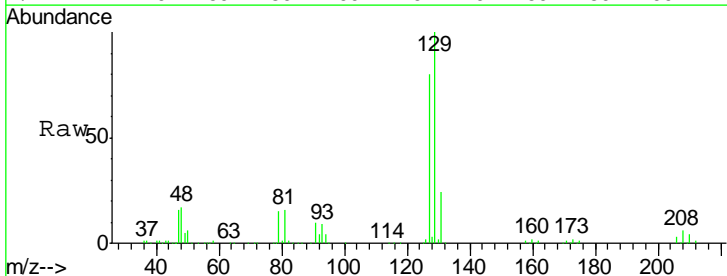
Tgt Ion	Resp	Lower	Upper
43	100		
58	50.8	25.9	77.7

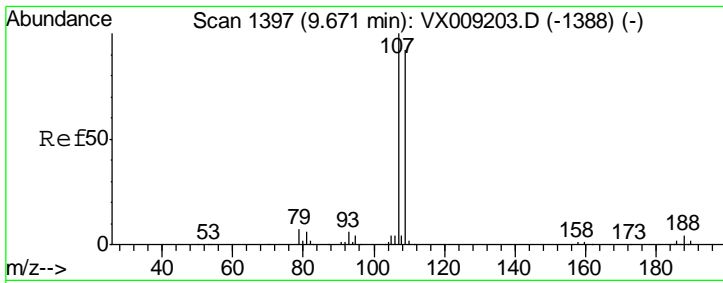
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#60  
 Dibromochloromethane  
 Concen: 56.559 ug/l  
 RT: 9.58 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
129	100		
127	78.7	38.4	115.1





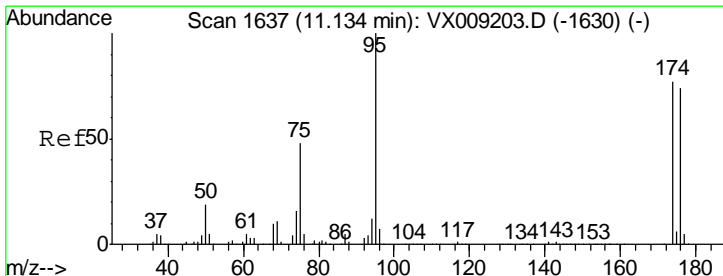
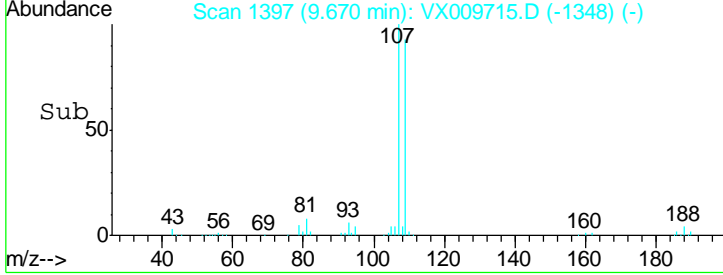
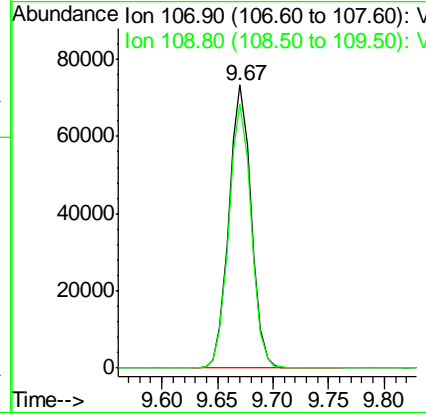
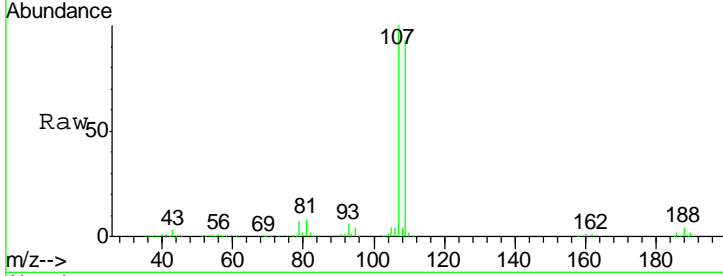
#61  
 1,2-Dibromoethane  
 Concen: 54.560 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
107	101577		
109	94.0	75.2	112.8

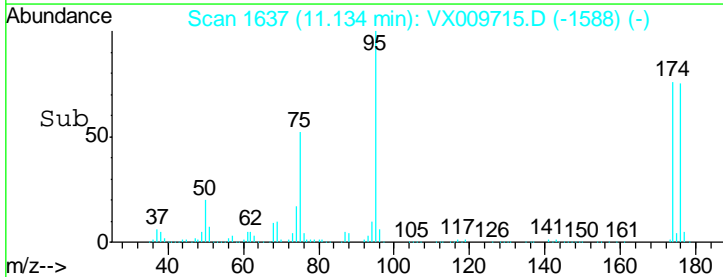
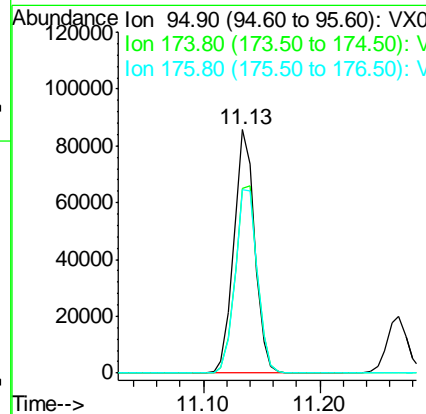
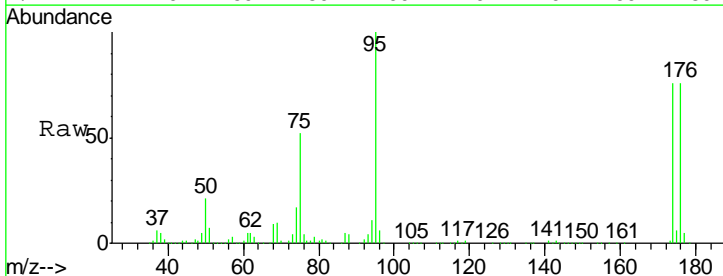
Manual Integrations  
 APPROVED

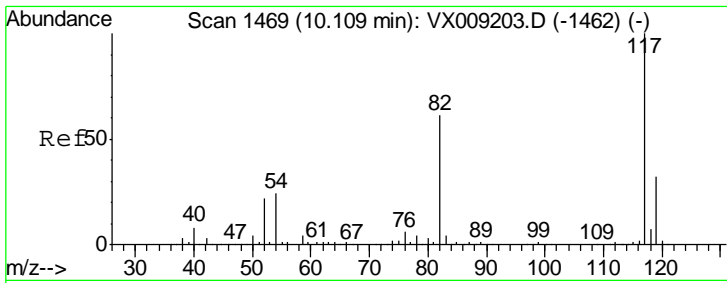
MMDadoda  
 5/21/2019 9:13:24 AM



#62  
 4-Bromofluorobenzene  
 Concen: 44.762 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
95	106744		
174	81.3	0.0	161.6
176	80.5	0.0	159.2





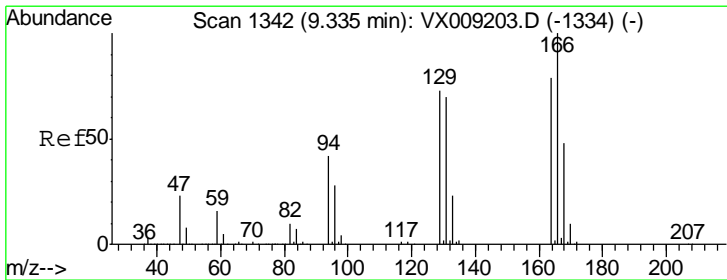
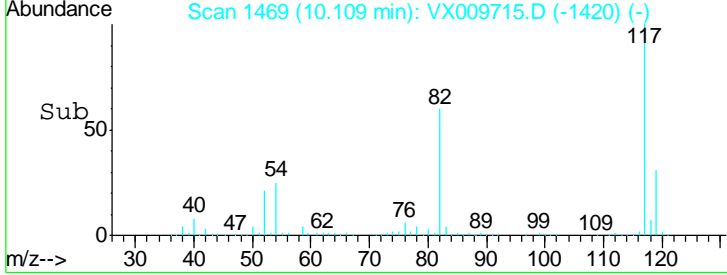
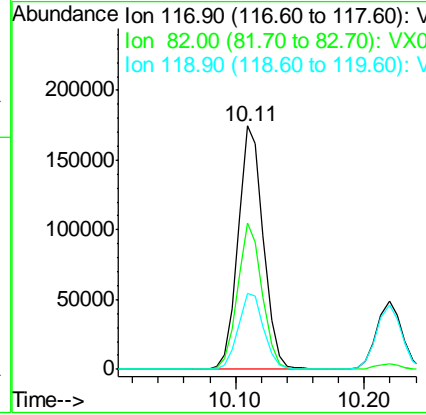
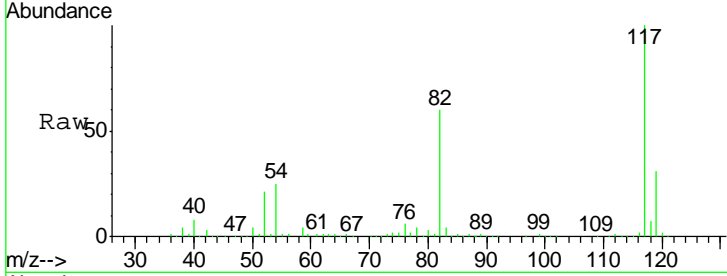
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.11 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
117	237313		
82	60.1	48.8	73.2
119	31.0	25.8	38.6

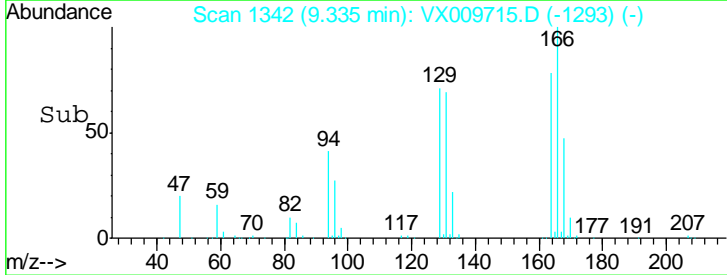
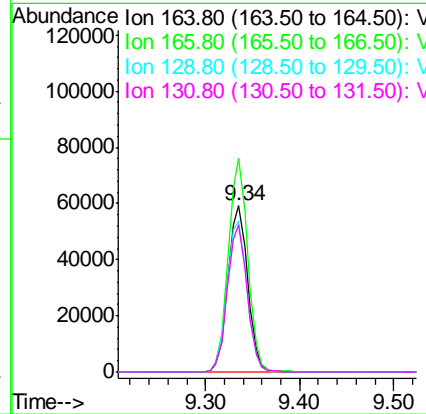
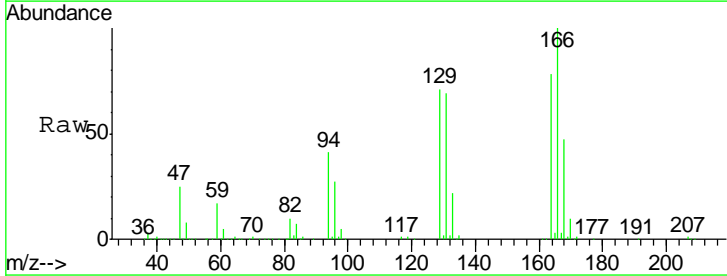
Manual Integrations  
 APPROVED

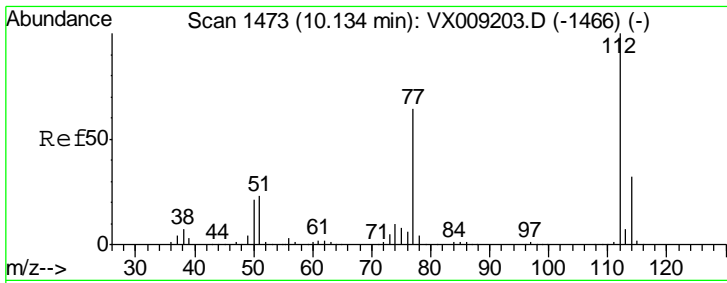
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 5/21/2019 9:13:24 AM



#64  
 Tetrachloroethene  
 Concen: 52.956 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
164	86205		
166	128.5	101.2	151.8
129	90.9	74.3	111.5
131	88.5	71.0	106.6



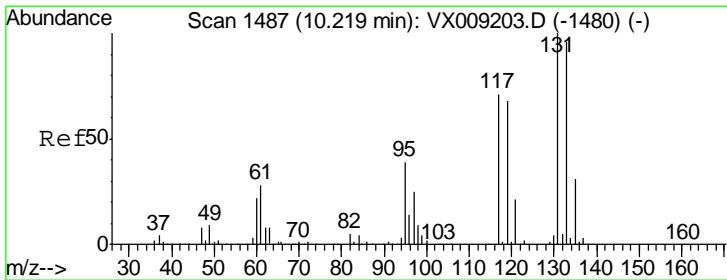
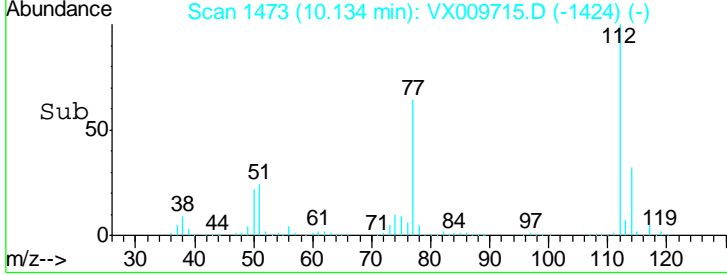
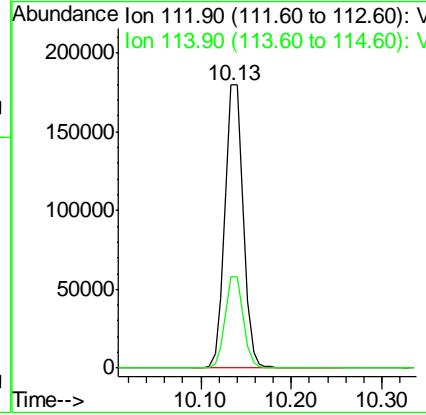
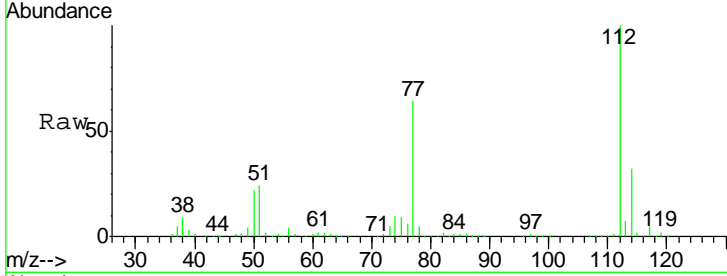


#65  
 Chlorobenzene  
 Concen: 53.544 ug/l  
 RT: 10.13 min Scan# 1473  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

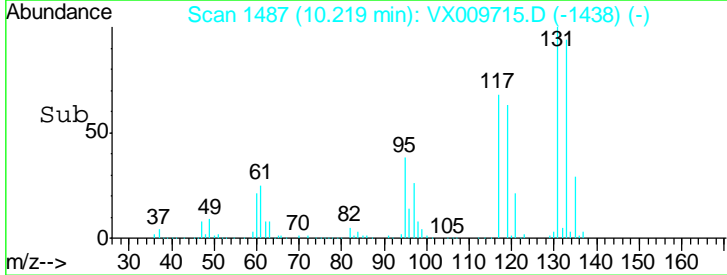
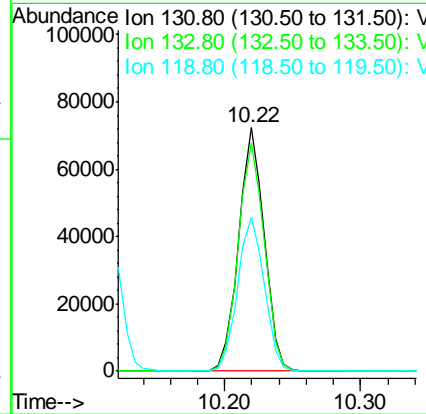
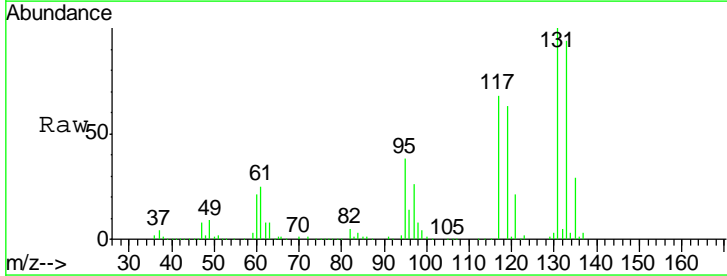
Tgt Ion	Resp	Lower	Upper
112	100		
114	32.4	25.5	38.3

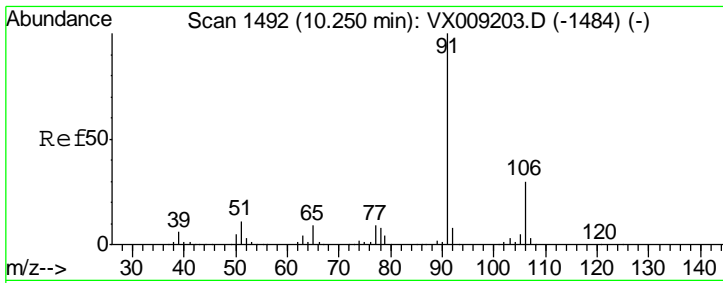
Manual Integrations  
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 54.900 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
131	100		
133	95.7	47.7	143.1
119	65.4	33.5	100.4



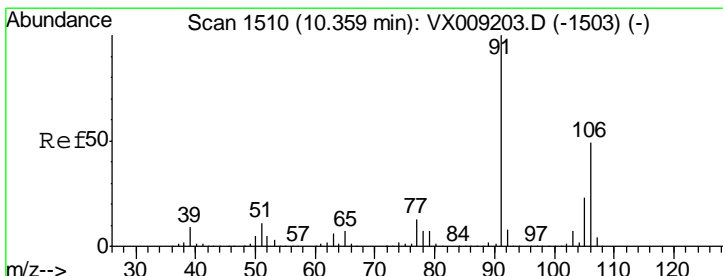
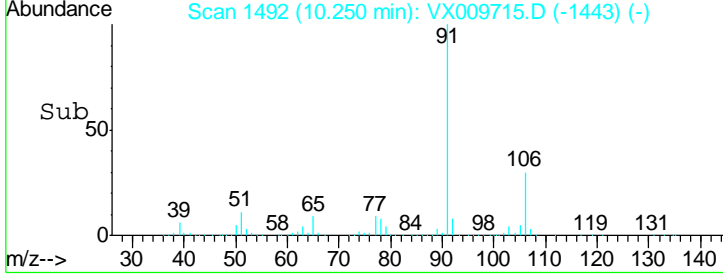
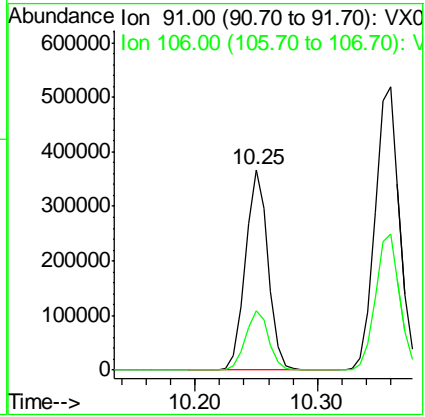
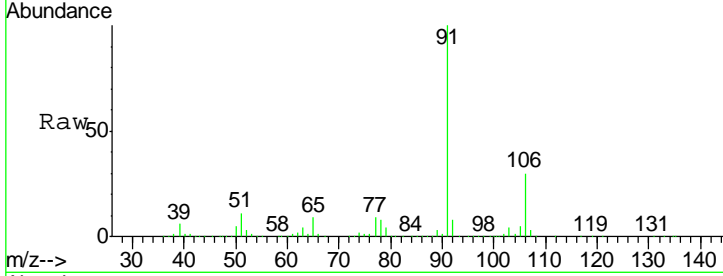


#67  
 Ethyl Benzene  
 Concen: 53.774 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

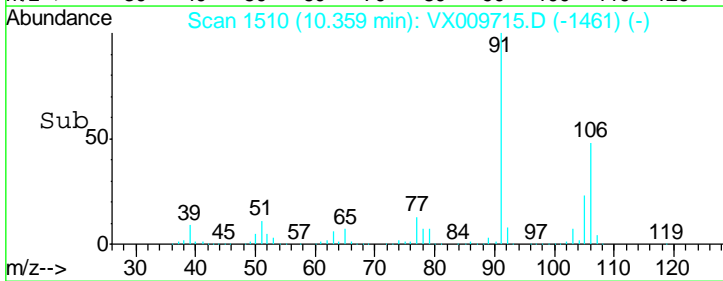
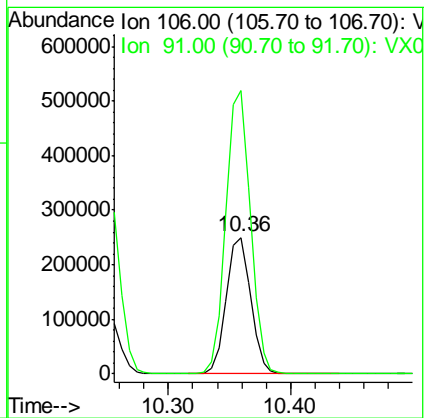
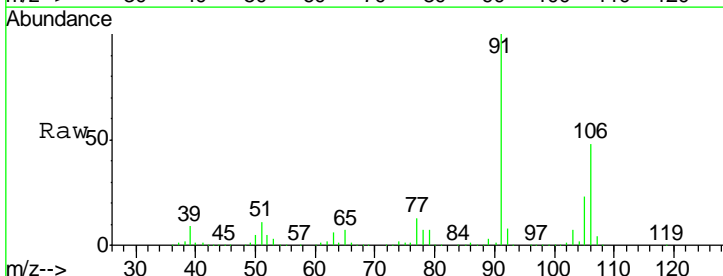
Tgt Ion	Resp	Lower	Upper
91	100		
106	29.6	24.0	36.0

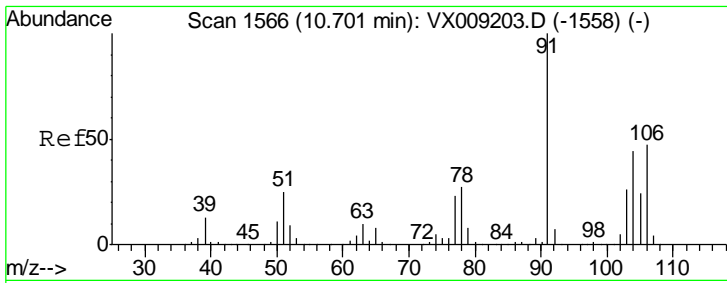
Manual Integrations  
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#68  
 m/p-Xylenes  
 Concen: 107.993 ug/l  
 RT: 10.36 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
106	100		
91	208.5	164.0	246.0





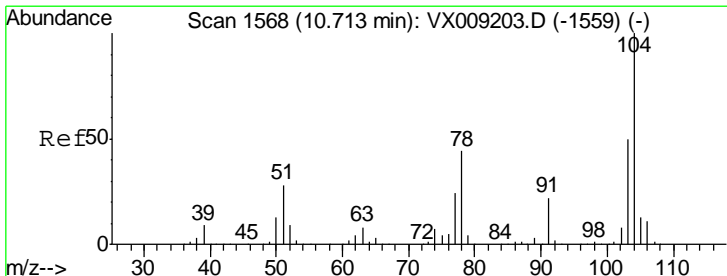
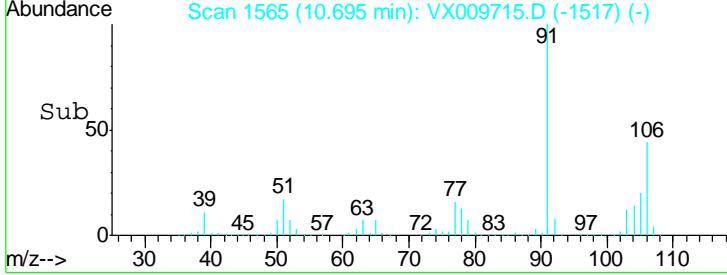
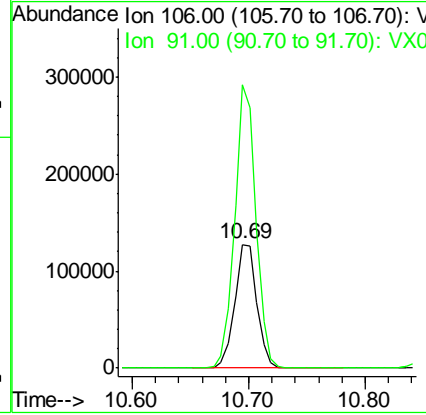
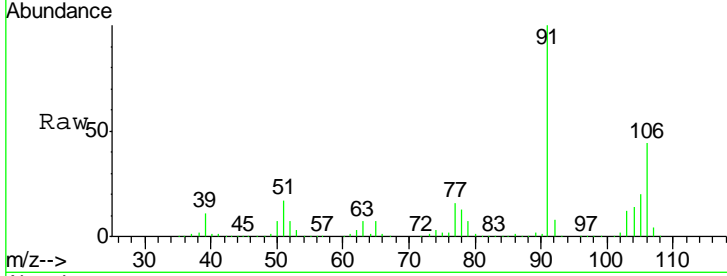
#69  
 o-Xylene  
 Concen: 53.318 ug/l  
 RT: 10.69 min Scan# 1565  
 Delta R.T. -0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
106	167959		
106	100		
91	219.9	109.5	328.4

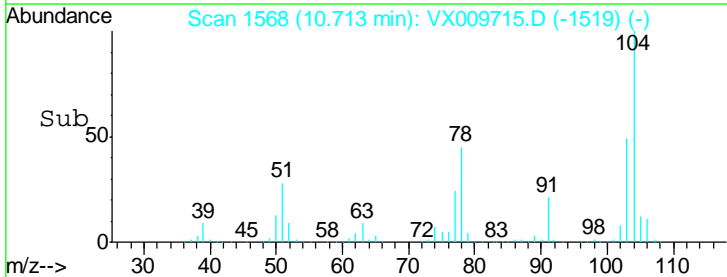
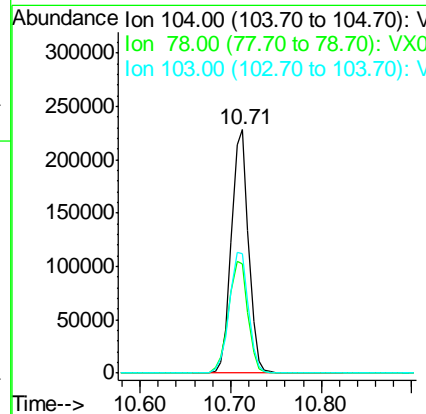
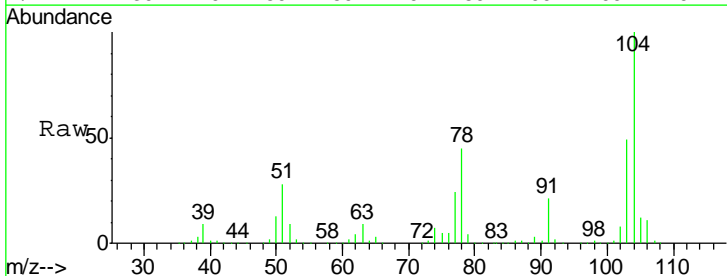
**Manual Integrations**  
**APPROVED**

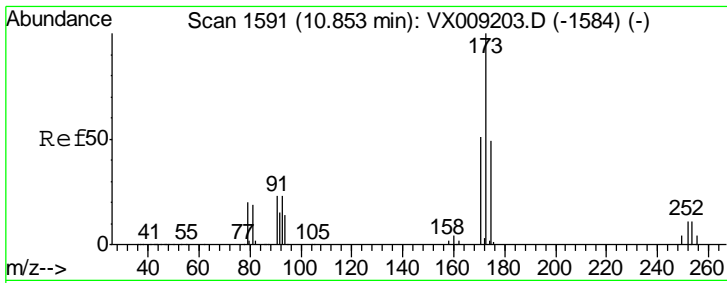
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#70  
 Styrene  
 Concen: 54.594 ug/l  
 RT: 10.71 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
104	298907		
104	100		
78	52.3	41.0	61.4
103	55.4	43.8	65.6





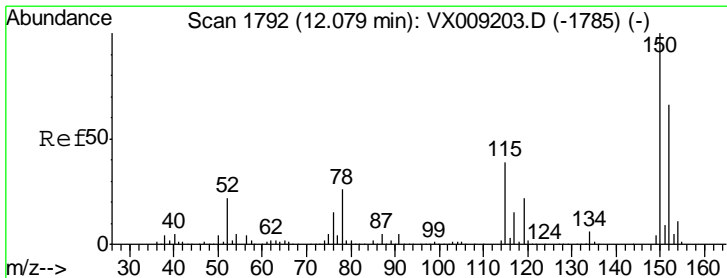
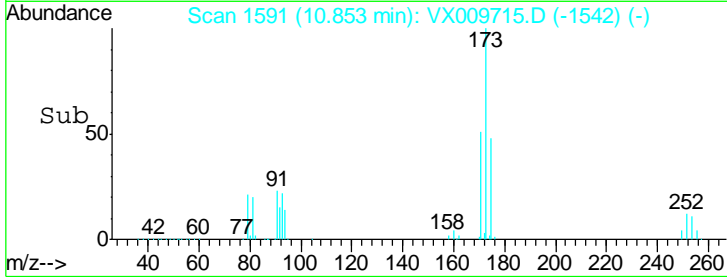
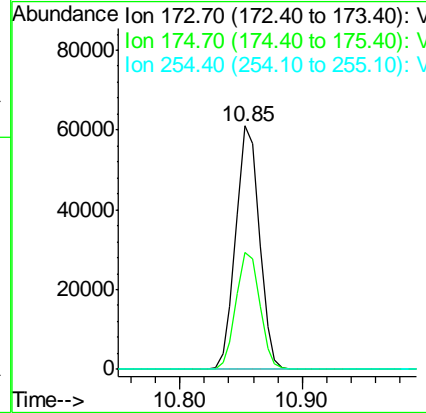
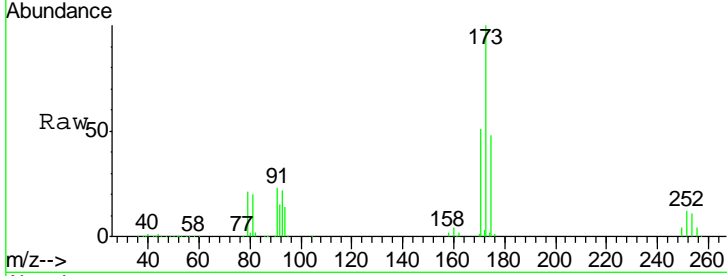
#71  
 Bromoform  
 Concen: 58.113 ug/l  
 RT: 10.85 min Scan# 1591  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
173	100		
175	48.7	24.5	73.5
254	0.1	0.1	0.1

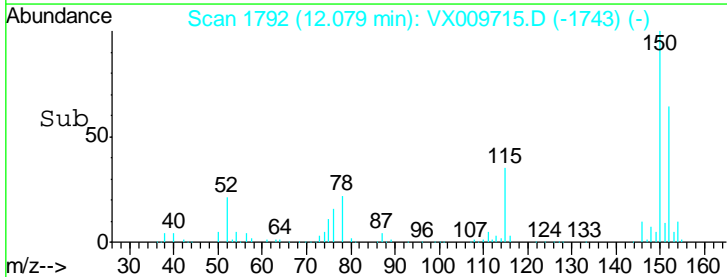
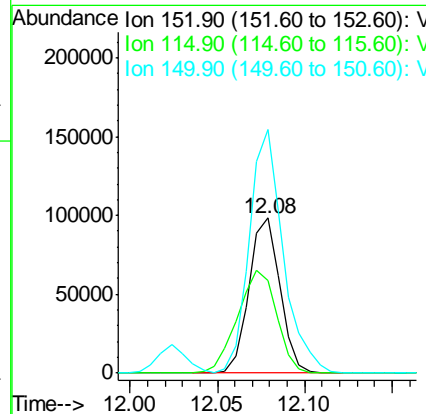
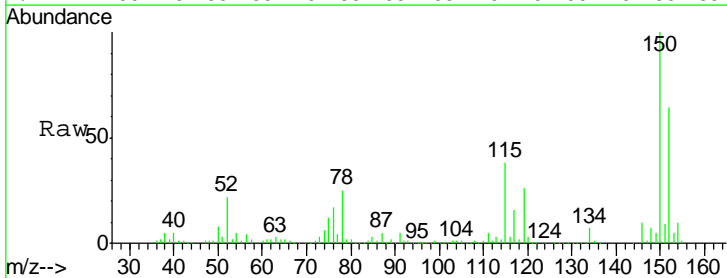
**Manual Integrations**  
**APPROVED**

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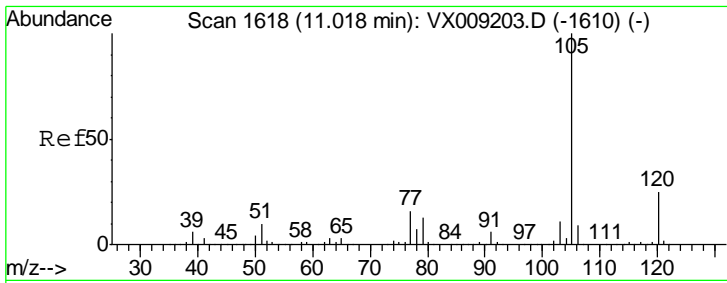


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
152	100		
115	83.8	41.2	123.6
150	171.7	0.0	346.4







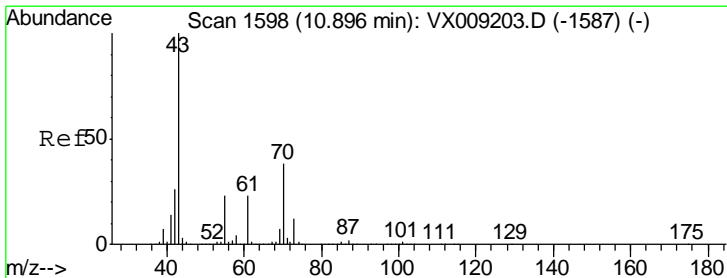
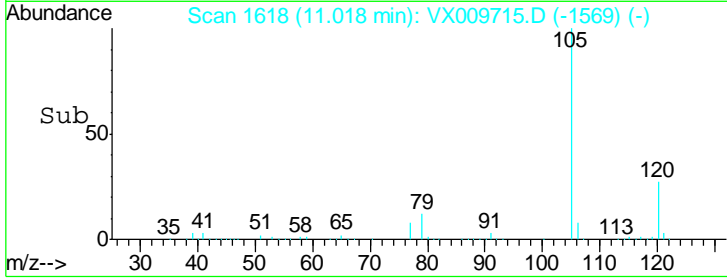
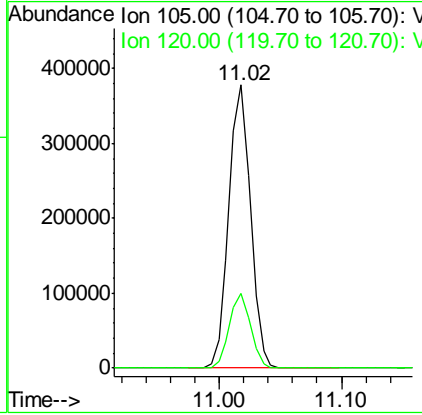
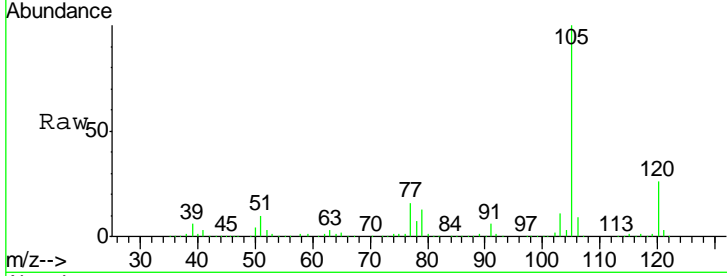
#73  
 Isopropylbenzene  
 Concen: 52.569 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
105	100		
120	25.9	12.8	38.3

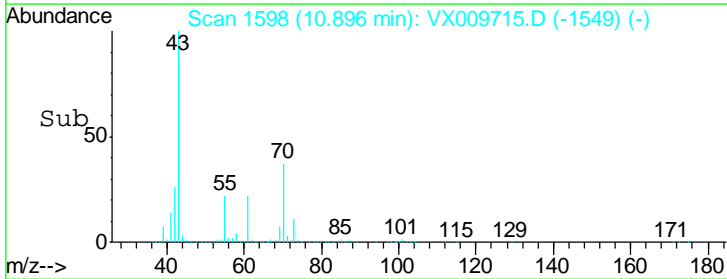
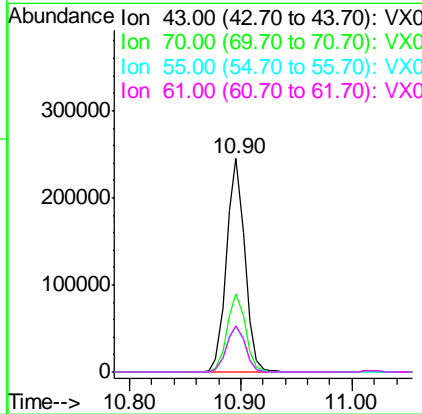
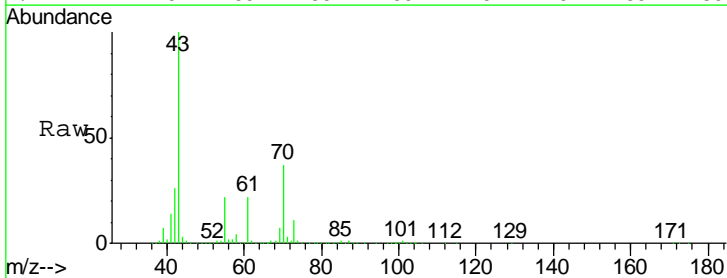
Manual Integrations  
 APPROVED

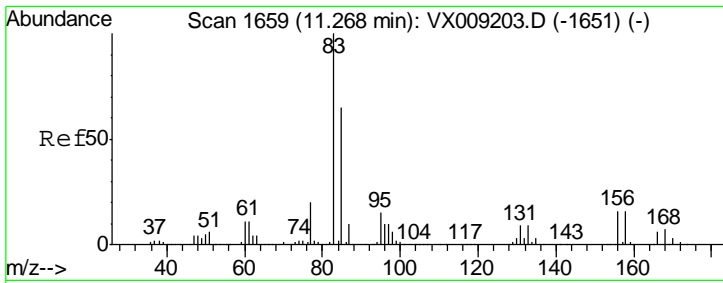
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 5/21/2019 9:13:24 AM



#74  
 N-nyl acetate  
 Concen: 53.988 ug/l  
 RT: 10.90 min Scan# 1598  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
43	100		
70	37.2	30.0	45.0
55	22.4	17.9	26.9
61	22.3	18.4	27.6



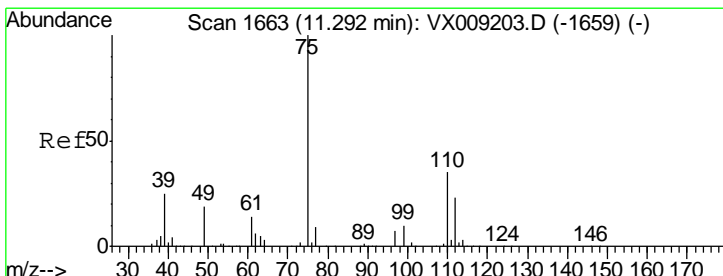
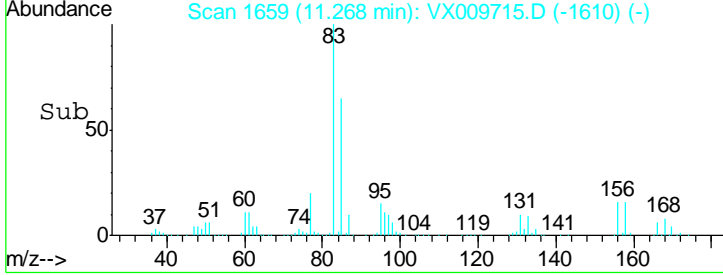
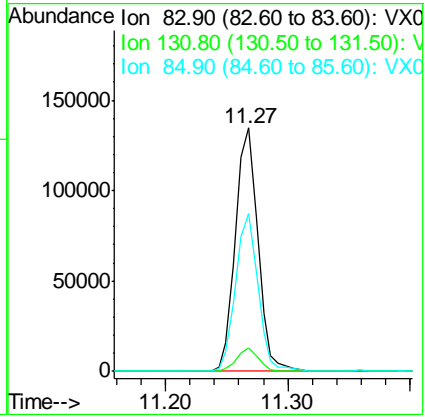
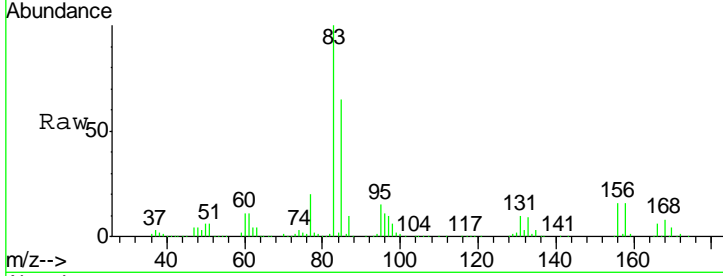


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 52.147 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

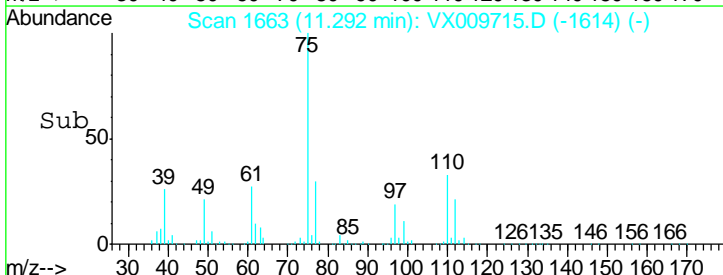
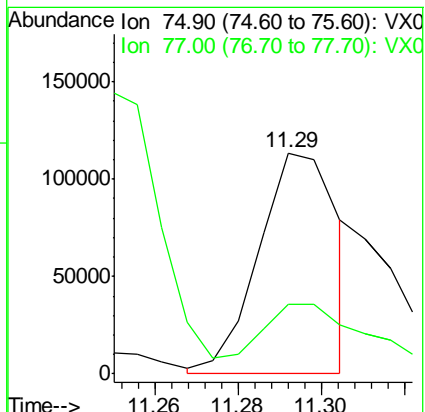
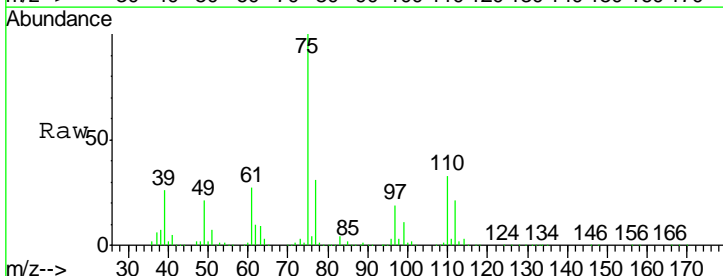
Tgt Ion	Resp	Lower	Upper
83	171303		
83	100		
131	9.3	4.6	13.8
85	64.6	32.0	96.2

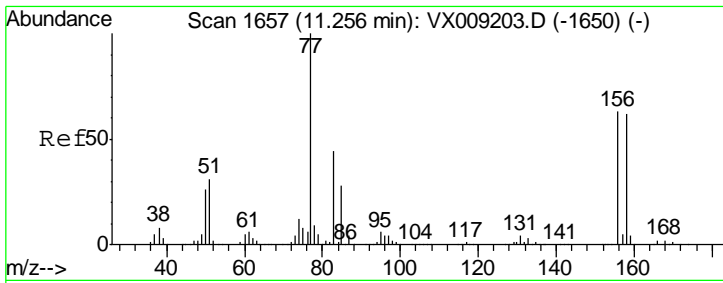
Manual Integrations  
**APPROVED**  
 MMDadoda  
 5/21/2019 9:13:24 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 53.227 ug/l m  
 RT: 11.29 min Scan# 1663  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
75	149619		
75	100		
77	44.1	22.1	66.1



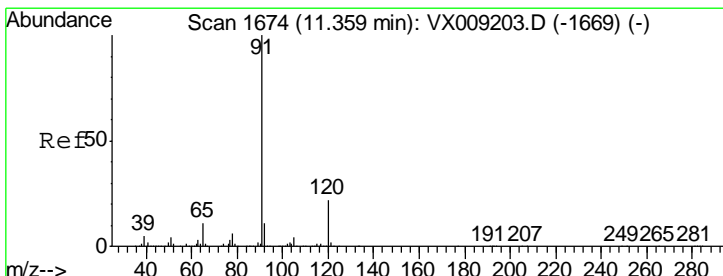
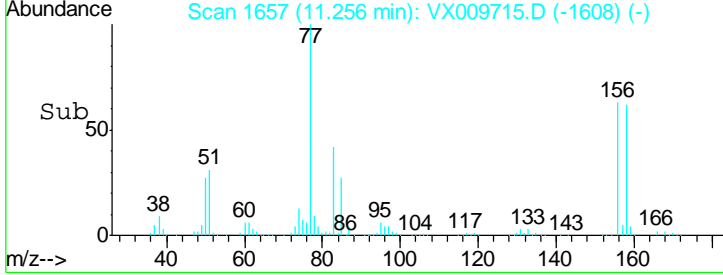
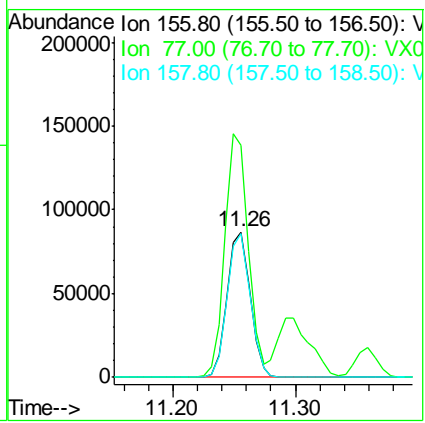
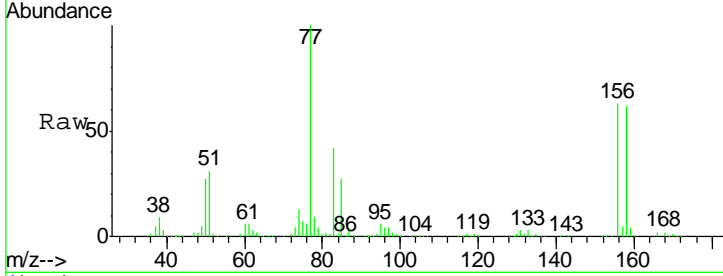


#77  
 Bromobenzene  
 Concen: 51.978 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

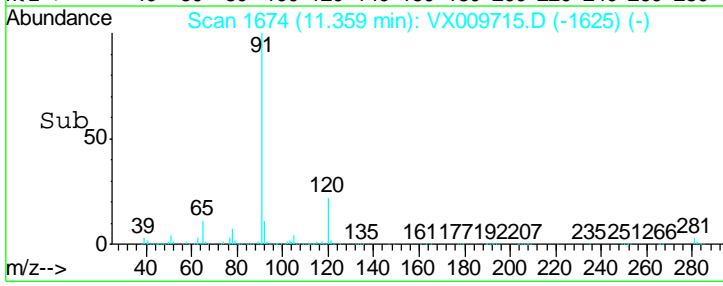
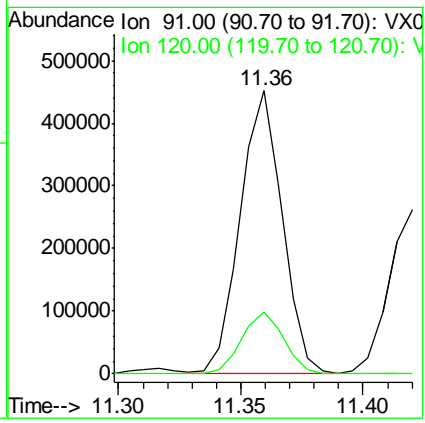
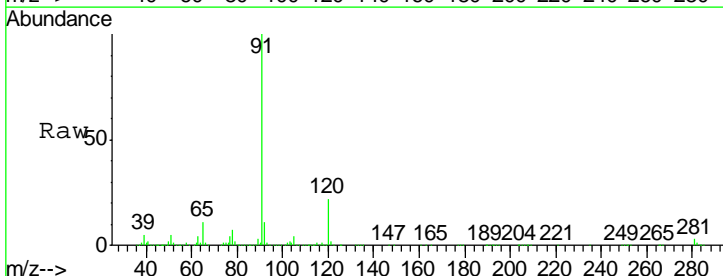
Tgt Ion	Resp	Lower	Upper
156	113685		
77	168.4	84.8	254.3
158	98.1	49.1	147.3

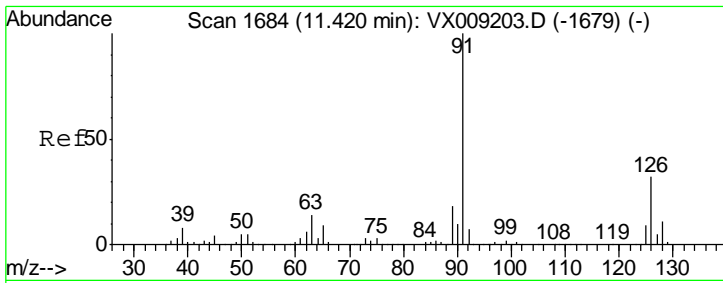
Manual Integrations  
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#78  
 n-propylbenzene  
 Concen: 53.444 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
91	537852		
120	22.3	11.0	33.0





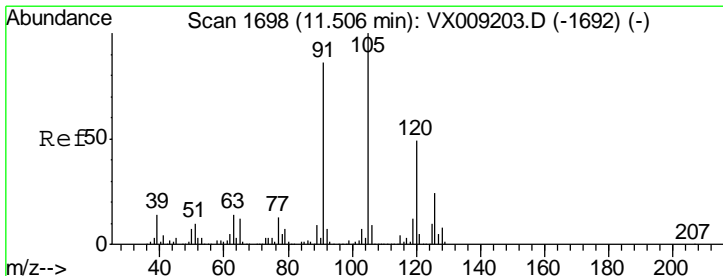
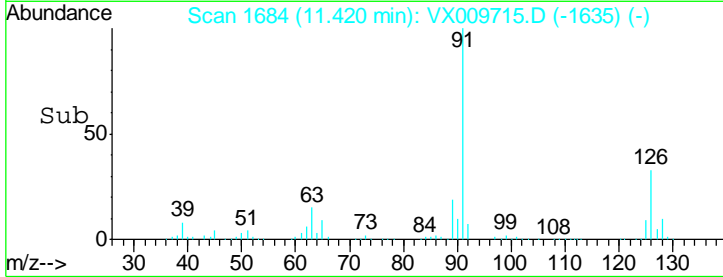
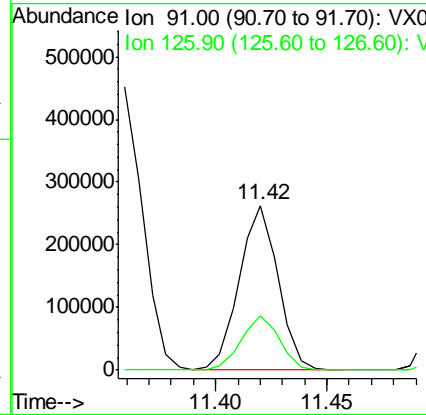
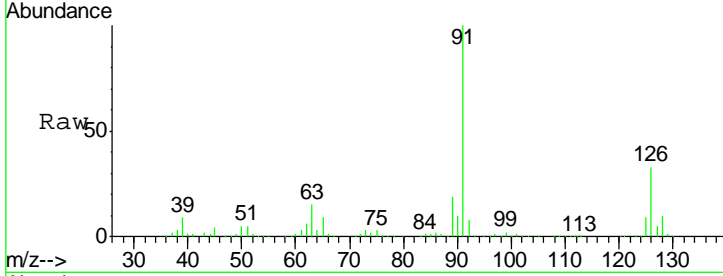
#79  
 2-Chlorotoluene  
 Concen: 51.160 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
126	32.8	16.3	48.9

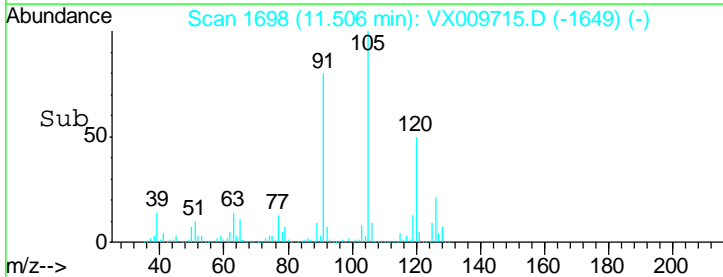
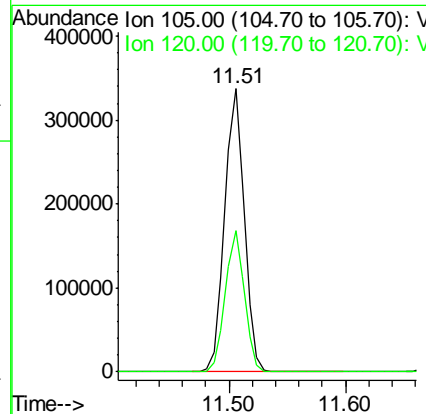
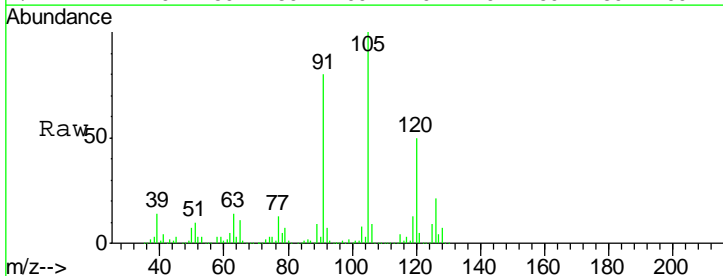
Manual Integrations  
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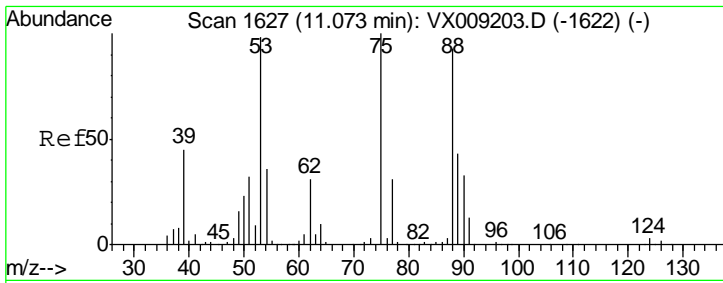
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.644 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.7	24.3	72.9





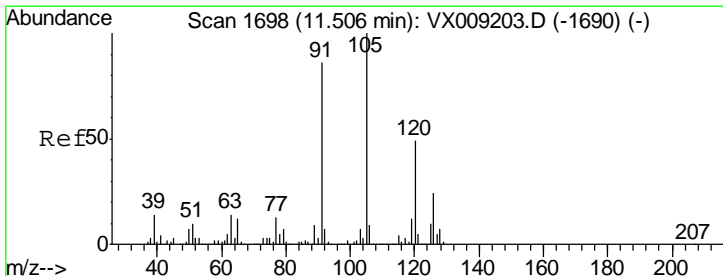
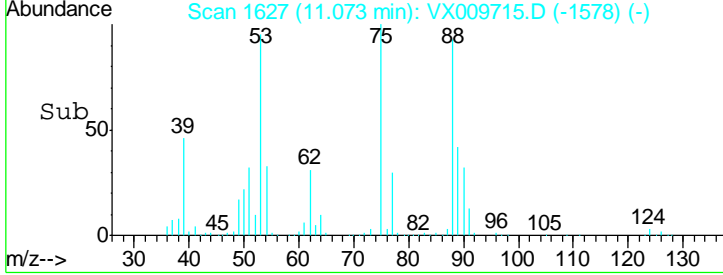
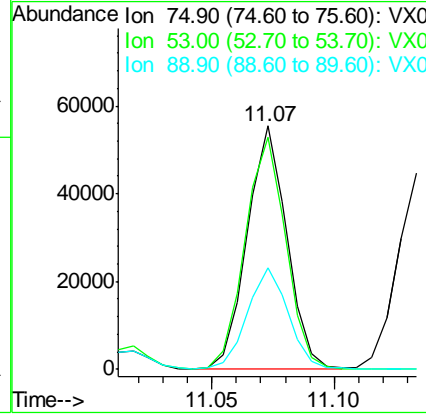
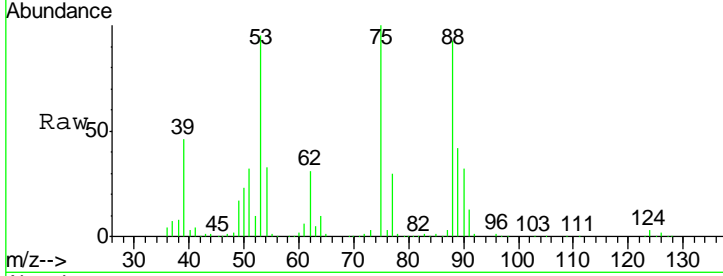
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 56.776 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	62374		
75	100		
53	98.1	79.0	118.6
89	43.4	34.7	52.1

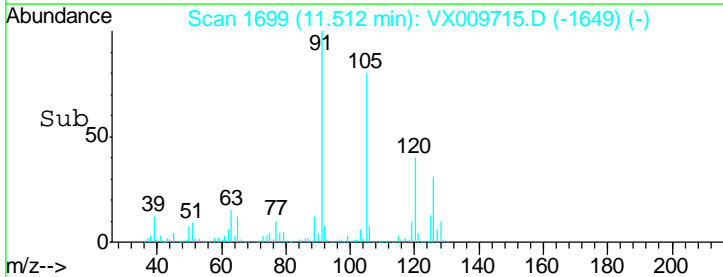
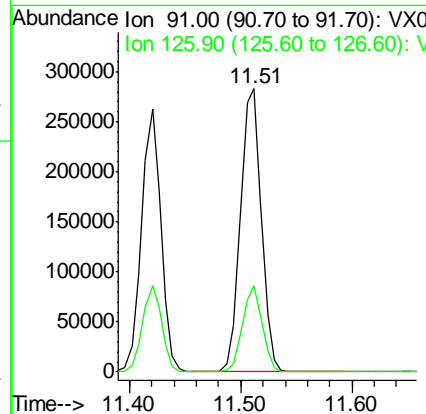
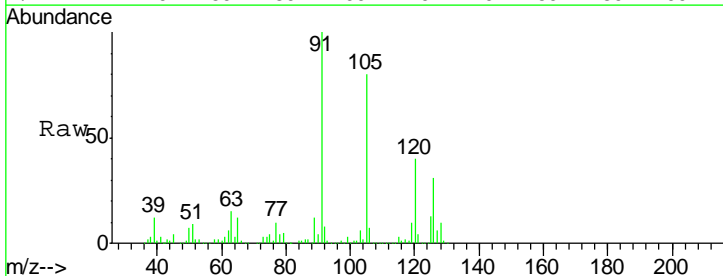
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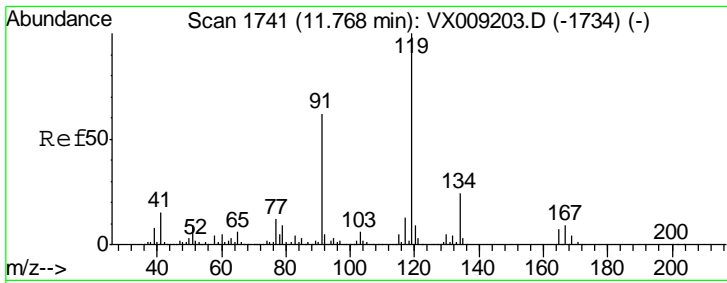
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#82  
 4-Chlorotoluene  
 Concen: 52.198 ug/l  
 RT: 11.51 min Scan# 1699  
 Delta R.T. 0.01 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
91	366131		
91	100		
126	29.0	14.5	43.6





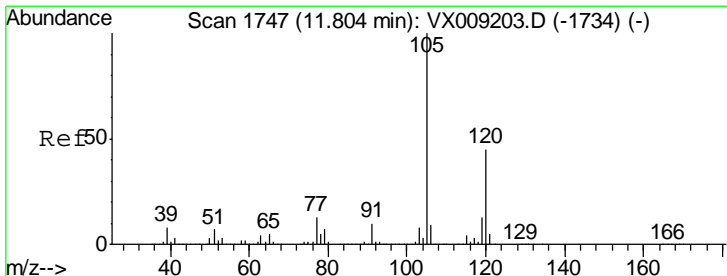
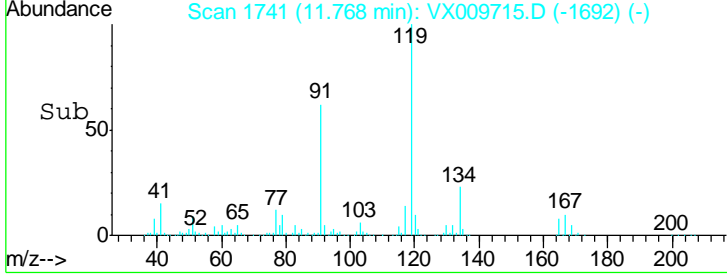
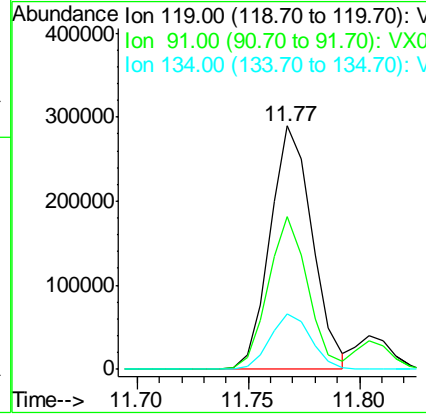
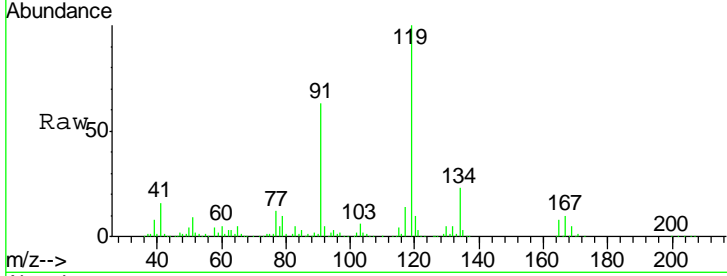
#83  
 tert-Butylbenzene  
 Concen: 52.658 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
119	380083		
91	59.0	29.5	88.5
134	22.2	11.4	34.1

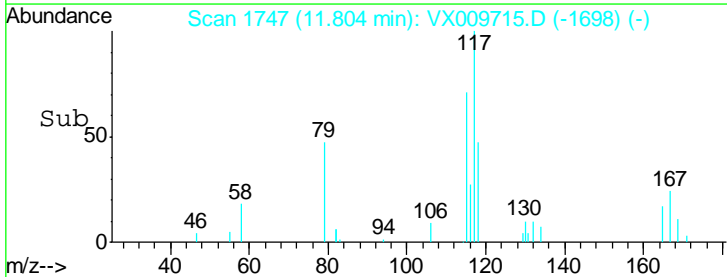
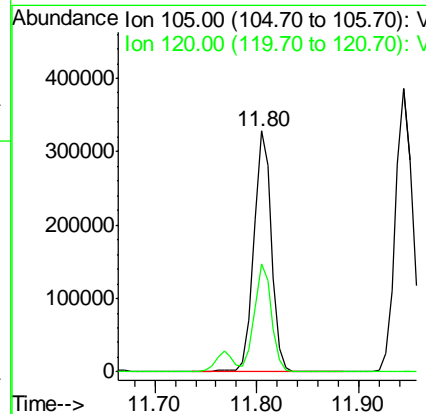
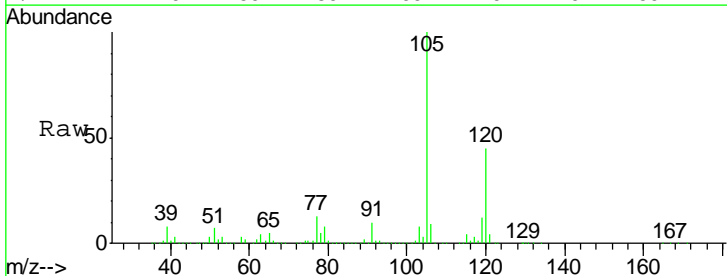
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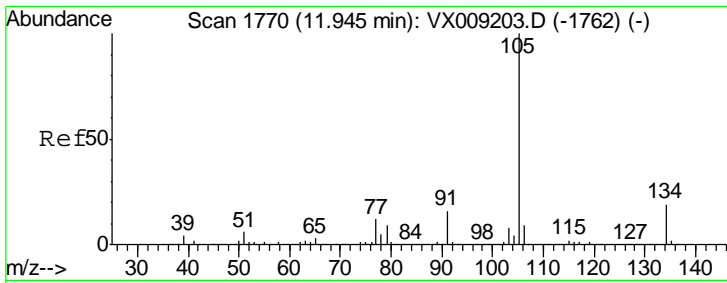
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.906 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
105	394022		
120	43.6	22.0	66.0



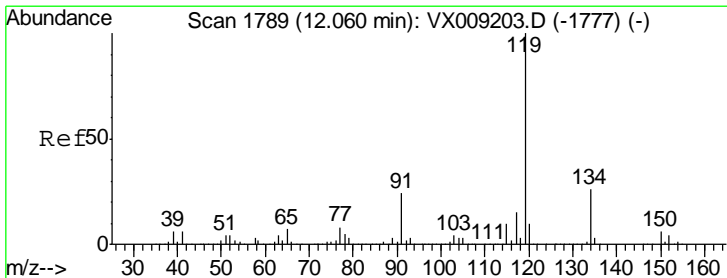
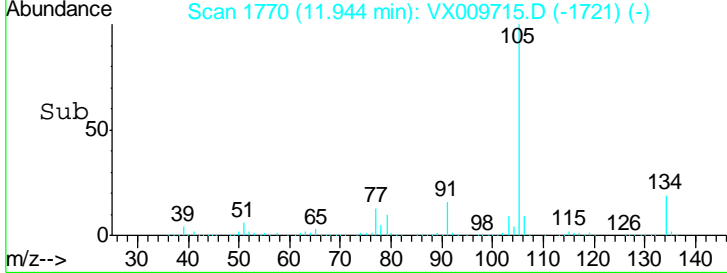
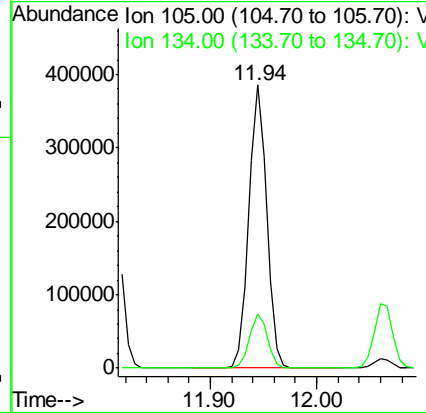
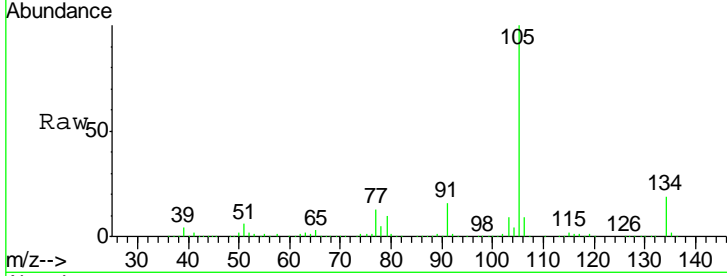


#85  
 sec-Butylbenzene  
 Concen: 53.433 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

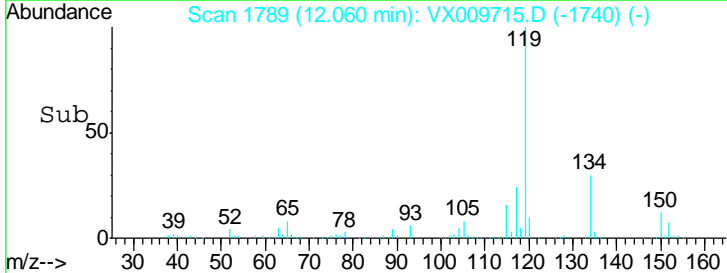
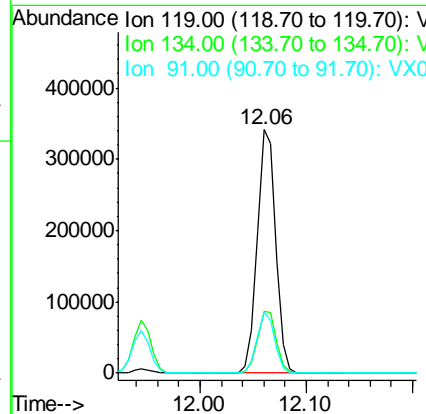
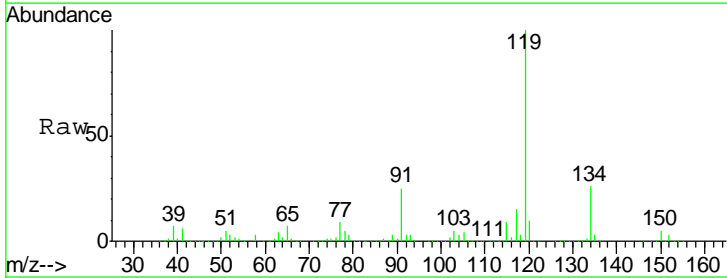
Tgt Ion	Resp	Lower	Upper
105	457248		
134	19.4	9.7	28.9

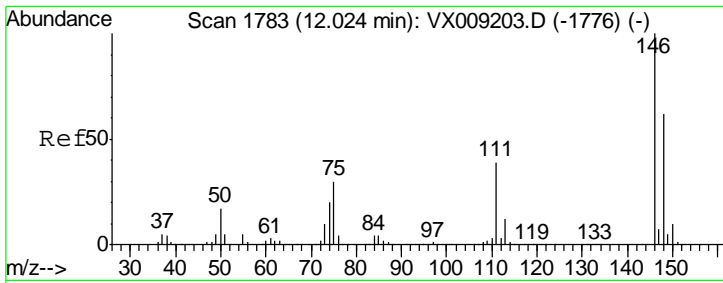
Manual Integrations  
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#86  
 p-Isopropyltoluene  
 Concen: 54.273 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
119	417524		
134	25.8	12.9	38.7
91	24.0	11.8	35.4



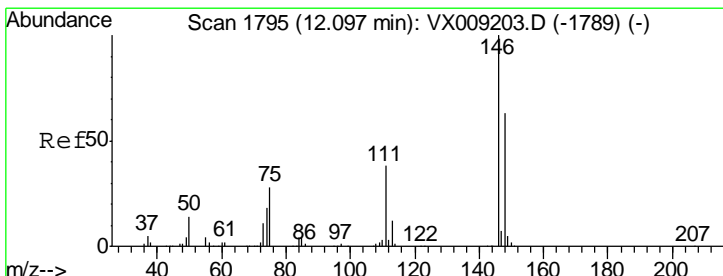
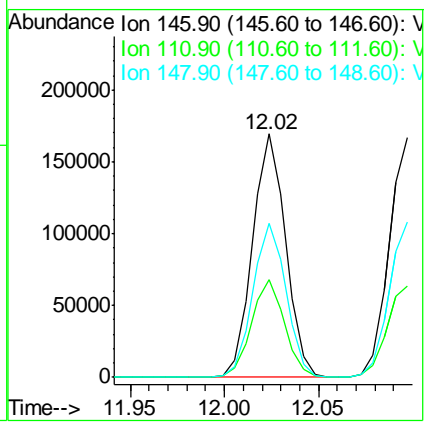
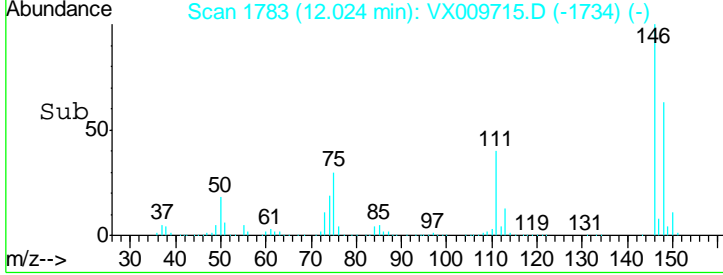
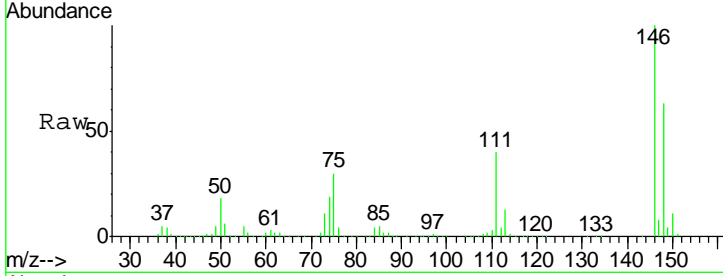


#87  
 1,3-Dichlorobenzene  
 Concen: 52.883 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

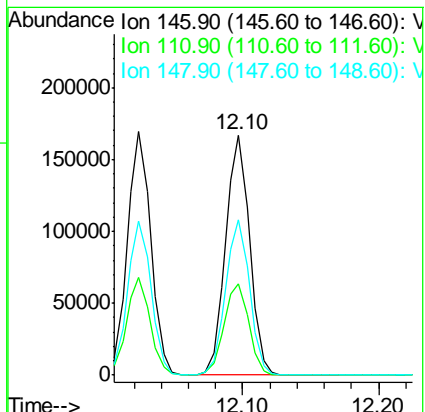
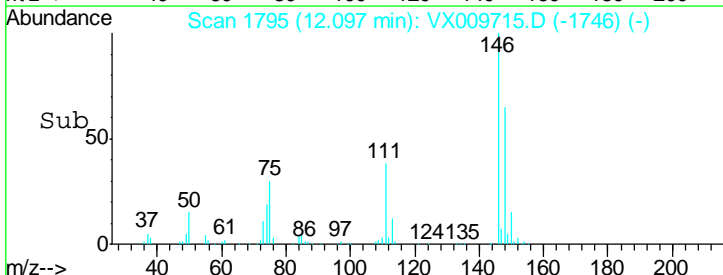
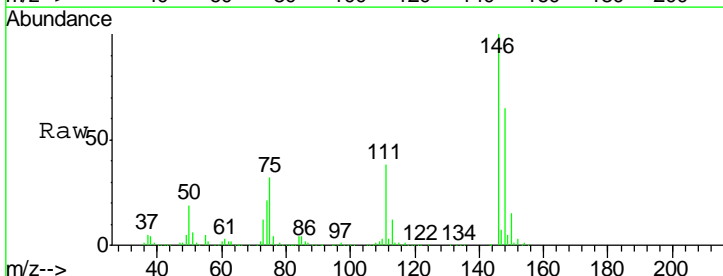
Tgt Ion	Resp	Lower	Upper
146	100		
111	40.2	20.0	59.9
148	63.5	31.8	95.3

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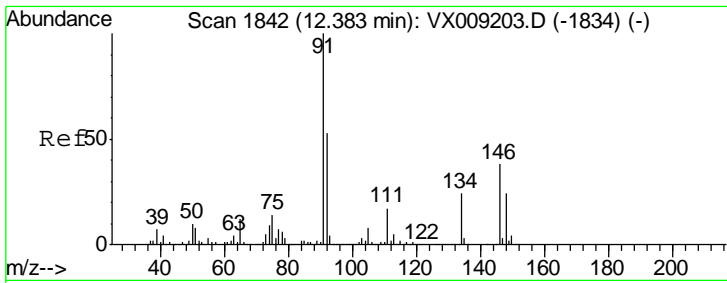


#88  
 1,4-Dichlorobenzene  
 Concen: 51.960 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	64.7	31.8	95.3







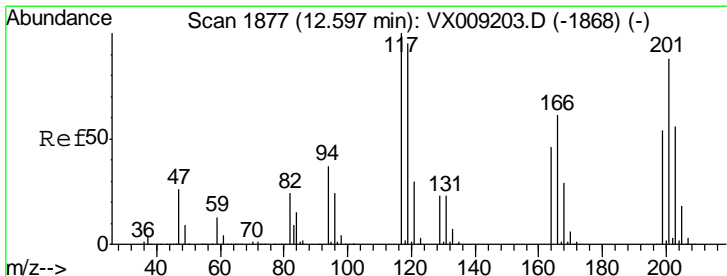
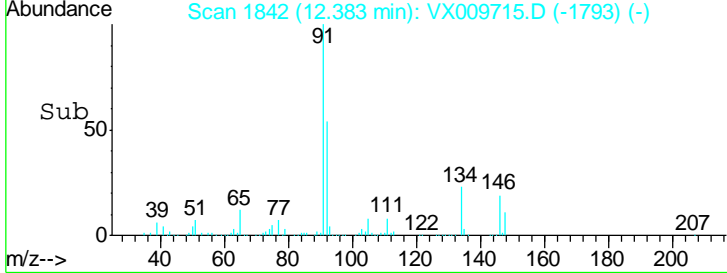
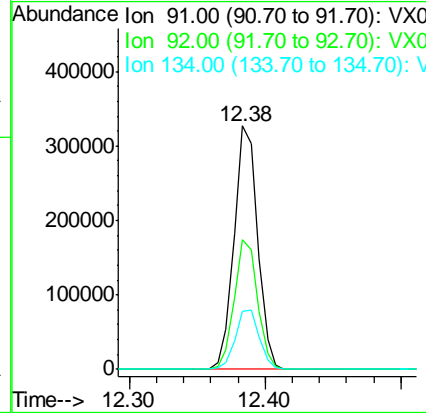
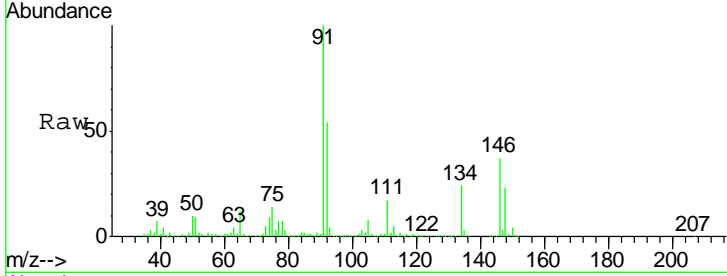
#89  
 n-Butylbenzene  
 Concen: 56.518 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	24.8	12.4	37.2

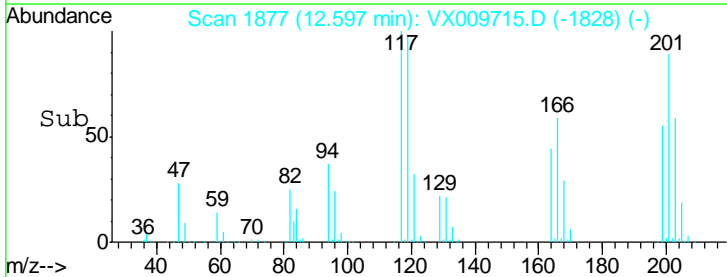
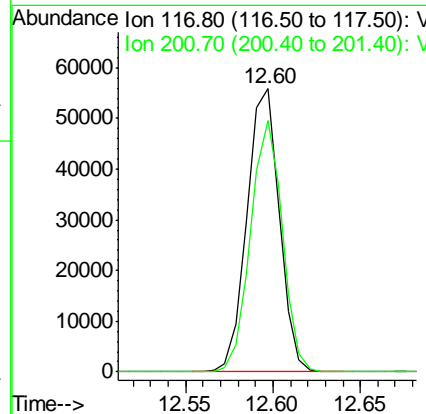
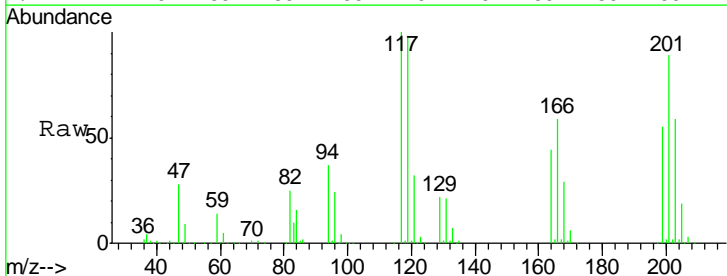
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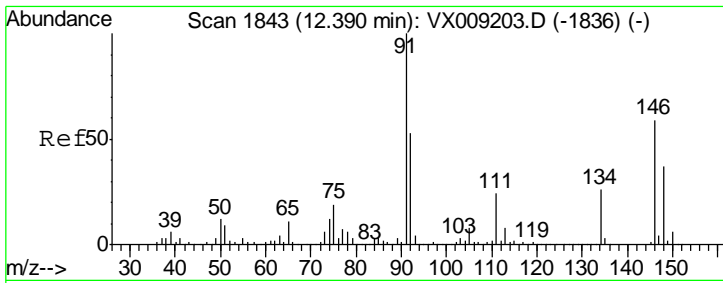
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#90  
 Hexachloroethane  
 Concen: 55.106 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
117	100		
201	86.8	42.3	126.9



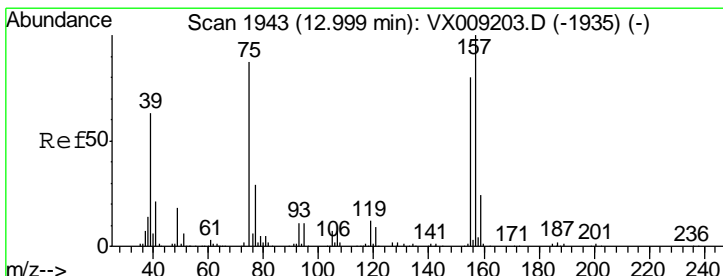
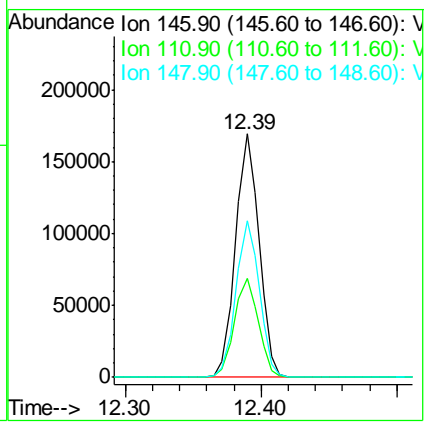
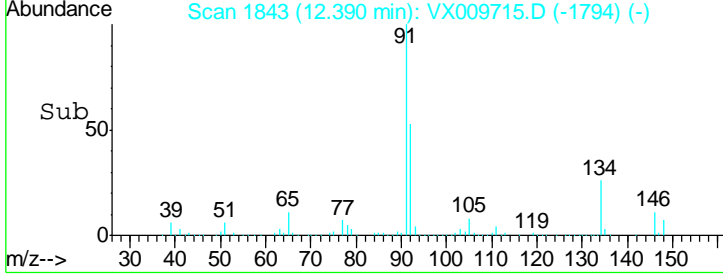
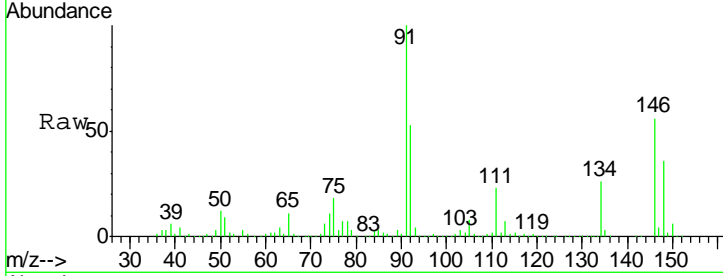


#91  
 1,2-Dichlorobenzene  
 Concen: 51.405 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

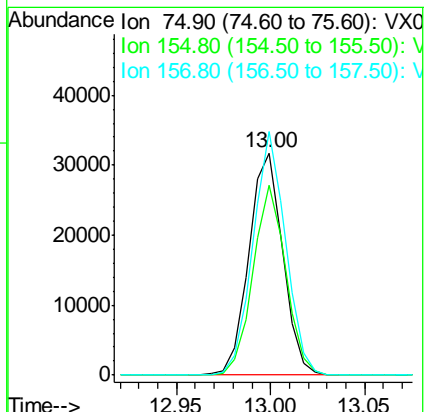
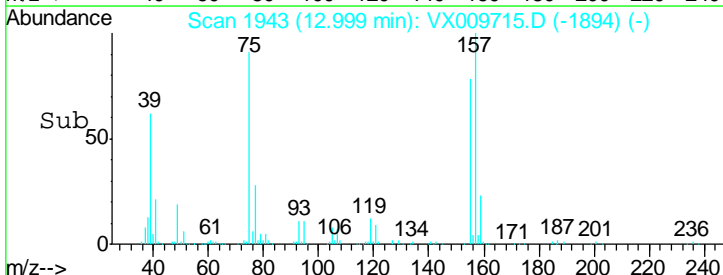
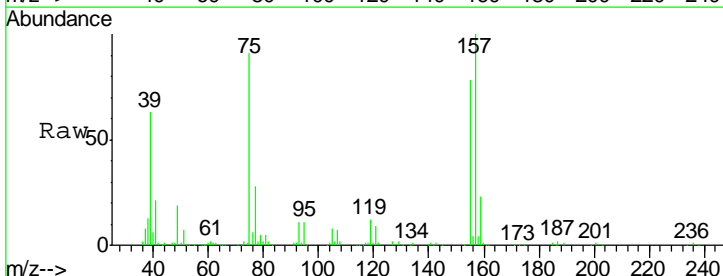
Tgt Ion	Resp	Lower	Upper
146	100		
111	41.5	20.8	62.4
148	64.0	31.9	95.9

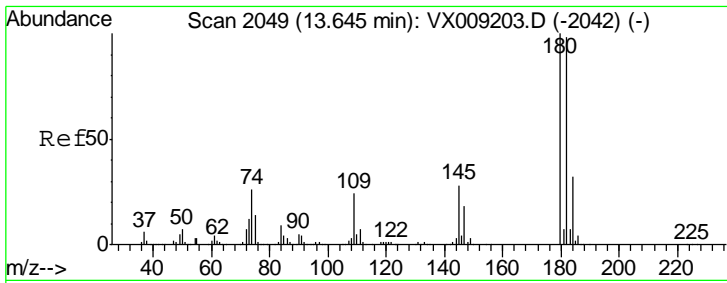
Manual Integrations  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.767 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
75	100		
155	82.5	42.0	126.0
157	105.5	53.2	159.6





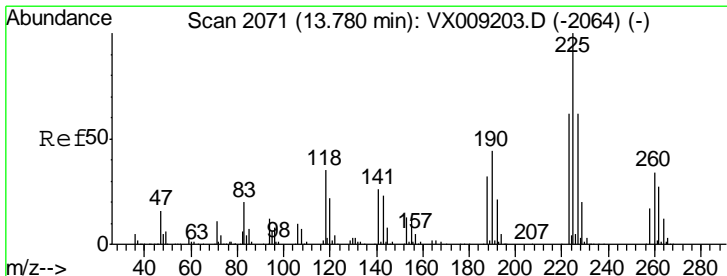
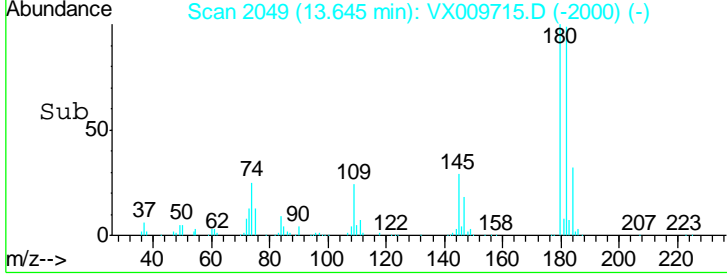
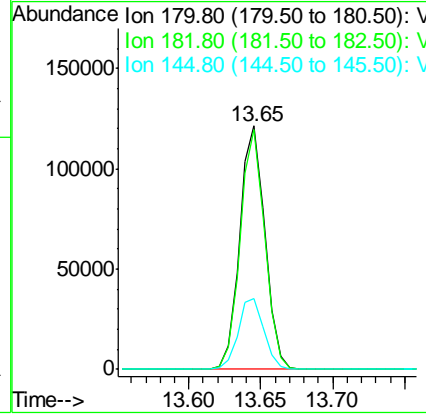
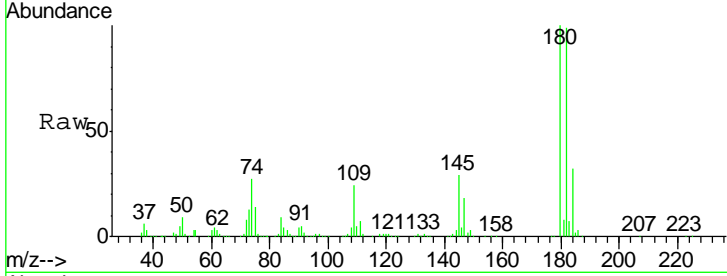
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.552 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
180	148151		
182	96.2	48.4	145.2
145	29.5	14.6	43.8

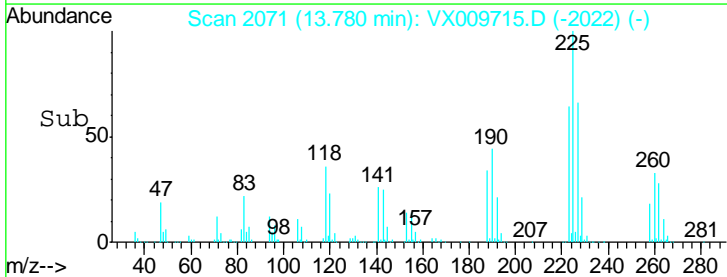
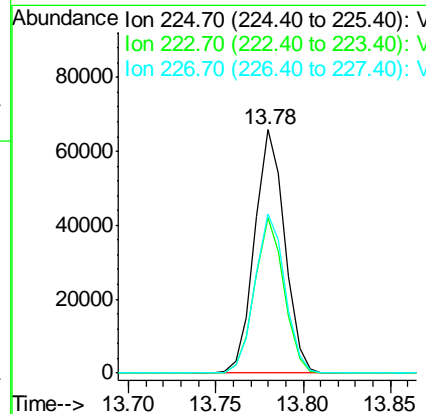
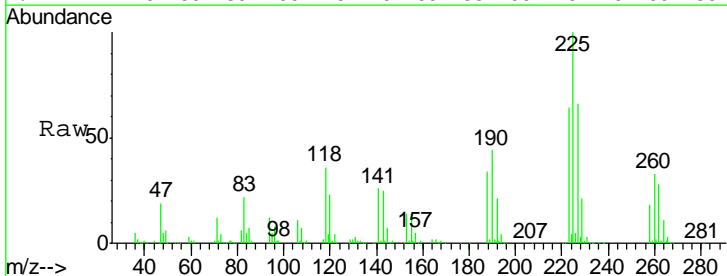
Manual Integrations  
 APPROVED

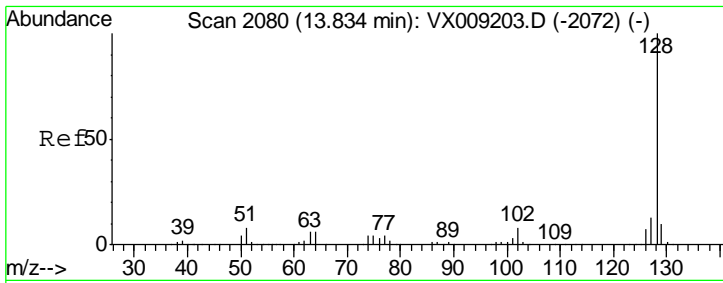
MMDadoda  
 5/21/2019 9:13:24 AM



#94  
 Hexachlorobutadiene  
 Concen: 56.734 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
225	78681		
223	62.2	31.3	93.8
227	65.2	31.8	95.3



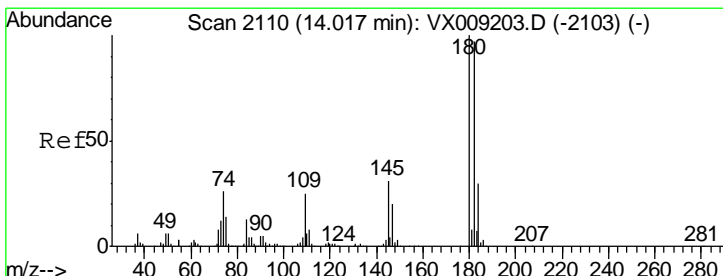
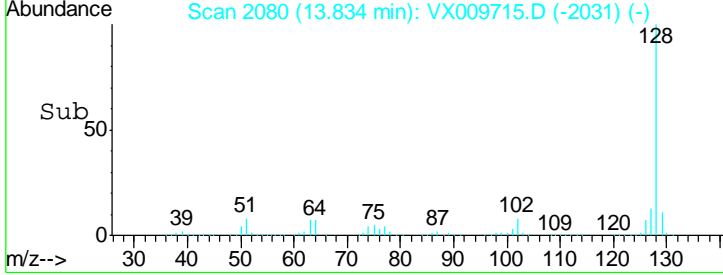
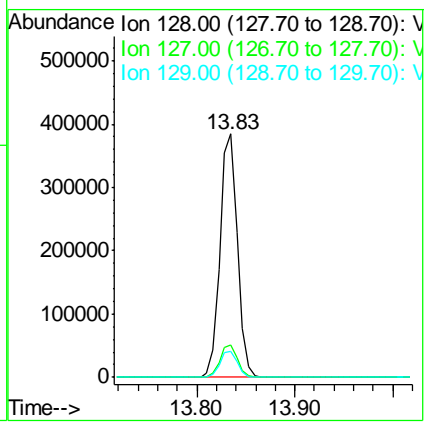
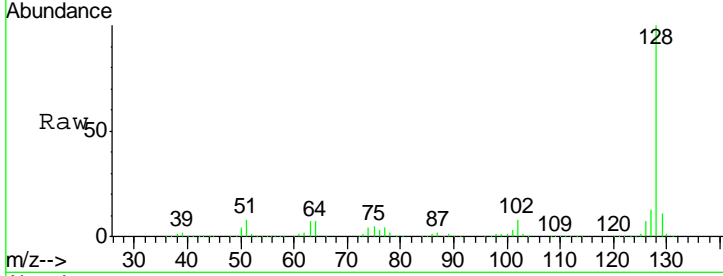


#95  
 Naphthalene  
 Concen: 53.304 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations  
**APPROVED**  
 MMDadoda  
 5/21/2019 9:13:24 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 54.246 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: VX009715.D  
 Acq: 20 May 2019 10:28

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	30.6	15.4	46.4

