

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\  
 Data File : VX007482.D  
 Acq On : 12 Feb 2019 11:53  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/13/2019 11:58:14 AM

Quant Time: Feb 13 00:19:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	459455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	668908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317719	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239557	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.50	113	224033	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.71	98	814545	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	289822	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	249619	44.233	ug/l	99
3) Chloromethane	1.33	50	205604	39.730	ug/l	98
4) Vinyl Chloride	1.41	62	234280	46.146	ug/l	99
5) Bromomethane	1.64	94	176826	35.078	ug/l	99
6) Chloroethane	1.72	64	147809	45.006	ug/l	97
7) Trichlorofluoromethane	1.93	101	372506	46.903	ug/l	98
8) Diethyl Ether	2.19	74	136999	45.830	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	218385	46.227	ug/l	98
10) Methyl Iodide	2.51	142	201159	28.946	ug/l	99
11) Tert butyl alcohol	3.06	59	242814	240.590	ug/l	99
12) 1,1-Dichloroethene	2.37	96	198128	45.164	ug/l	98
13) Acrolein	2.29	56	106394	224.810	ug/l	99
14) Allyl chloride	2.73	41	335433	46.928	ug/l	100
15) Acrylonitrile	3.15	53	590461	236.500	ug/l	99
16) Acetone	2.45	43	544587	243.782	ug/l	97
17) Carbon Disulfide	2.57	76	514040	45.031	ug/l	100
18) Methyl Acetate	2.78	43	317485	54.492	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	659608	46.411	ug/l	97
20) Methylene Chloride	2.85	84	217550	47.659	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	205601	43.996	ug/l	99
22) Diisopropyl ether	3.87	45	634661	48.271	ug/l	99
23) Vinyl Acetate	3.82	43	2741148	251.239	ug/l	99
24) 1,1-Dichloroethane	3.70	63	378834	50.173	ug/l	98
25) 2-Butanone	4.70	43	801728	252.185	ug/l	100
26) 2,2-Dichloropropane	4.58	77	268922	46.767	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	238351	46.697	ug/l	98
28) Bromochloromethane	5.02	49	169865	48.921	ug/l	98
29) Tetrahydrofuran	5.15	42	514878	257.510	ug/l	99
30) Chloroform	5.21	83	389171	49.394	ug/l	99
31) Cyclohexane	5.57	56	317326	46.793	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	335313	50.418	ug/l	99
36) 1,1-Dichloropropene	5.79	75	277708	46.271	ug/l	99
37) Ethyl Acetate	4.85	43	295841	48.763	ug/l	99
38) Carbon Tetrachloride	5.78	117	303024	52.043	ug/l	100

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Quant Time: Feb 13 00:19:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	345783	47.619	ug/l	97
40) Benzene	6.14	78	843079	47.688	ug/l	99
41) Methacrylonitrile	5.06	41	164113	50.471	ug/l	98
42) 1,2-Dichloroethane	6.20	62	286814	46.889	ug/l	99
43) Isopropyl Acetate	6.46	43	468296	50.008	ug/l	100
44) Trichloroethene	7.21	130	248270	46.627	ug/l	98
45) 1,2-Dichloropropane	7.51	63	216570	48.892	ug/l	97
46) Dibromomethane	7.66	93	156050	48.471	ug/l	96
47) Bromodichloromethane	7.90	83	283826	52.019	ug/l	99
48) Methyl methacrylate	7.77	41	242798	51.835	ug/l	99
49) 1,4-Dioxane	7.75	88	105729	992.584	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1553696	252.032	ug/l	100
52) Toluene	8.78	92	547941	48.038	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	304256	51.914	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	336484	52.208	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	230822	48.546	ug/l	98
56) Ethyl methacrylate	9.18	69	331816	50.387	ug/l	97
57) 1,3-Dichloropropane	9.37	76	363708	48.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	868433	250.197	ug/l	99
59) 2-Hexanone	9.49	43	1179628	245.902	ug/l	99
60) Dibromochloromethane	9.58	129	249821	55.555	ug/l	97
61) 1,2-Dibromoethane	9.67	107	247698	49.193	ug/l	99
64) Tetrachloroethene	9.34	164	255746	44.429	ug/l	97
65) Chlorobenzene	10.13	112	631677	47.398	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	235282	52.657	ug/l	99
67) Ethyl Benzene	10.25	91	1048153	48.838	ug/l	98
68) m/p-Xylenes	10.36	106	820183	96.137	ug/l	99
69) o-Xylene	10.69	106	399138	48.620	ug/l	100
70) Styrene	10.71	104	654910	49.191	ug/l	99
71) Bromoform	10.85	173	191056	48.852	ug/l	100
73) Isopropylbenzene	11.02	105	1083506	50.184	ug/l	99
74) N-amyl acetate	10.90	43	418361	50.097	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	332843	50.584	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	323818m	52.398	ug/l	
77) Bromobenzene	11.26	156	287437	47.250	ug/l	99
78) n-propylbenzene	11.36	91	1218104	51.450	ug/l	100
79) 2-Chlorotoluene	11.42	91	706654	49.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	880415	49.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100560	50.270	ug/l	92
82) 4-Chlorotoluene	11.51	91	812268	48.865	ug/l	100
83) tert-Butylbenzene	11.77	119	868890	49.684	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	905308	50.483	ug/l	100
85) sec-Butylbenzene	11.94	105	1084530	51.239	ug/l	100
86) p-Isopropyltoluene	12.06	119	971620	50.852	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	518901	47.529	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	519397	46.893	ug/l	99
89) n-Butylbenzene	12.38	91	834835	50.792	ug/l	100
90) Hexachloroethane	12.60	117	165006	57.703	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	509829	46.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72302	52.845	ug/l	99

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 VSTDCCC050

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 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	349845	47.746	ug/l	99
94) Hexachlorobutadiene	13.78	225	169241	47.567	ug/l	99
95) Naphthalene	13.83	128	1075429	50.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	350217	47.484	ug/l	98

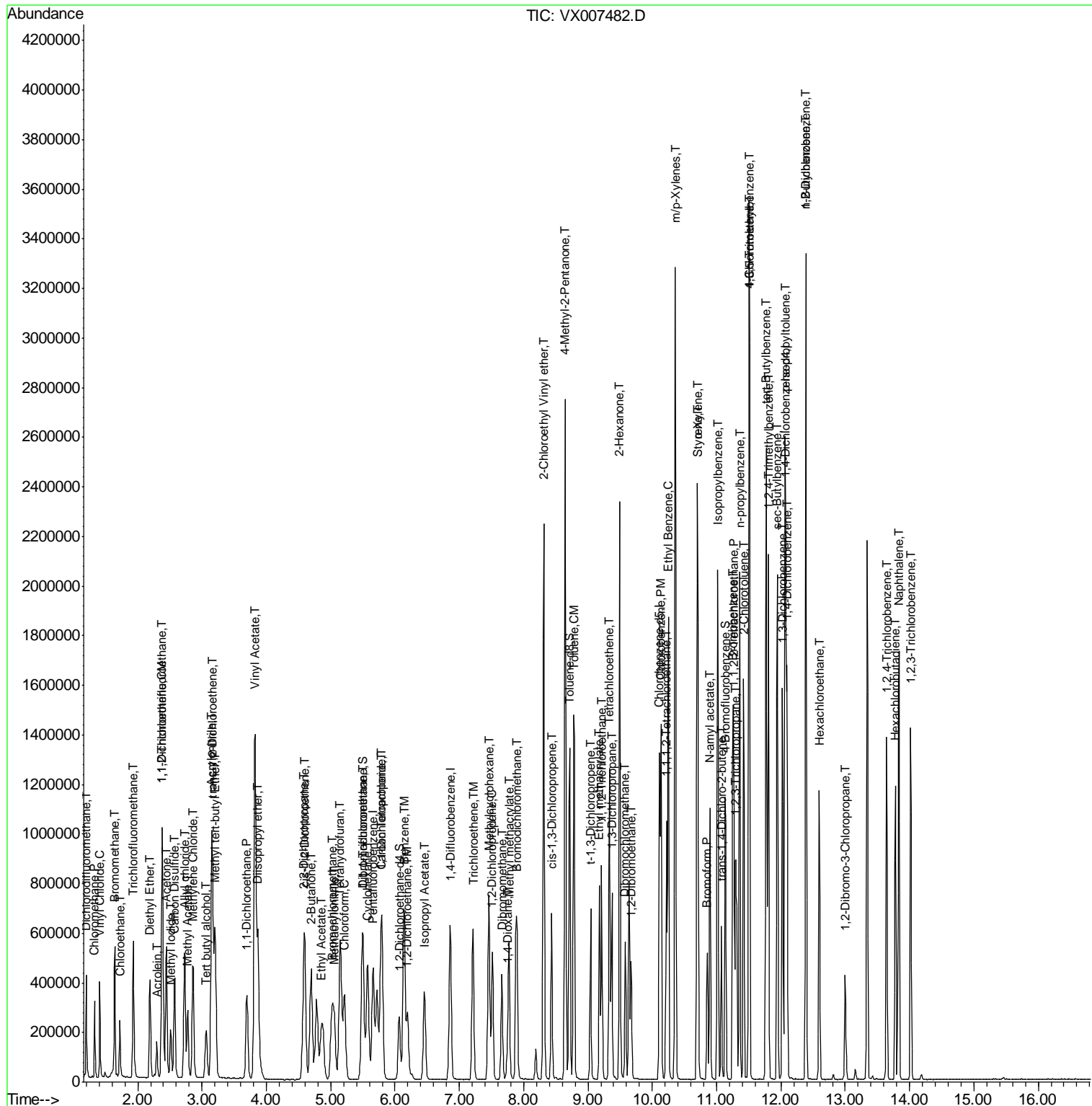
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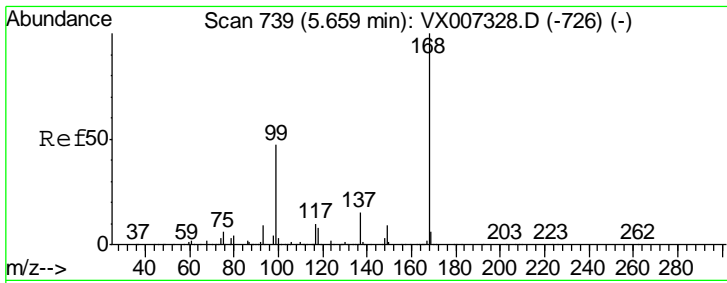
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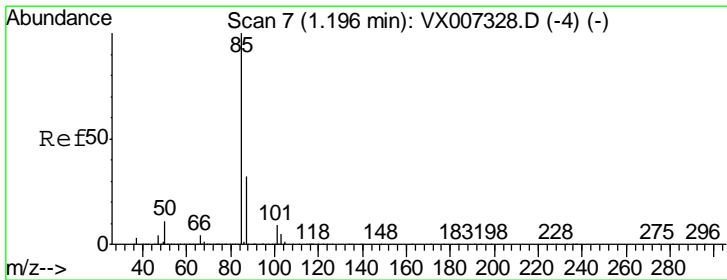
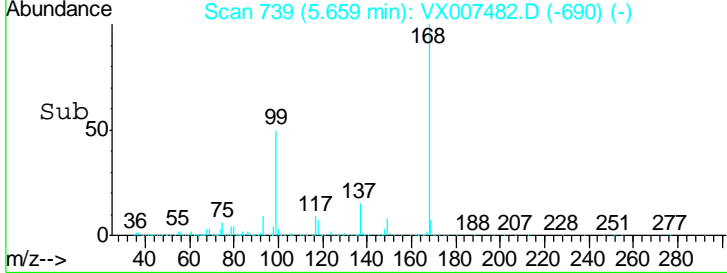
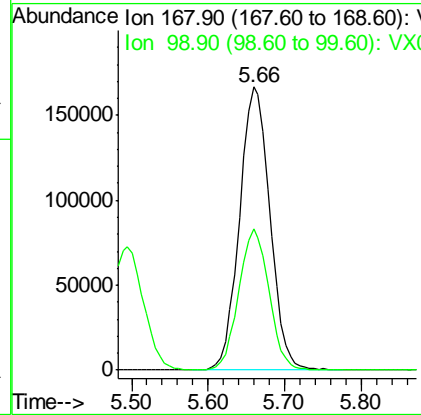
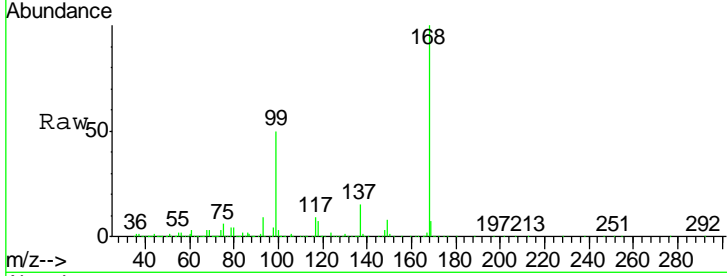
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
168	459455		
99	49.8	37.9	56.9

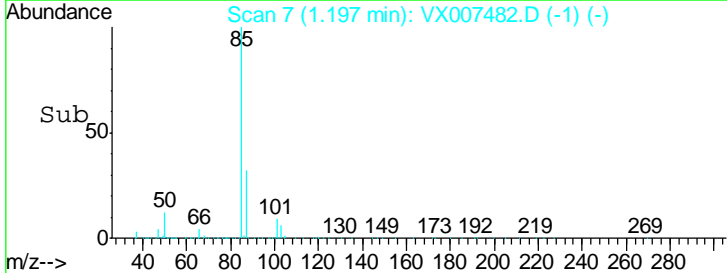
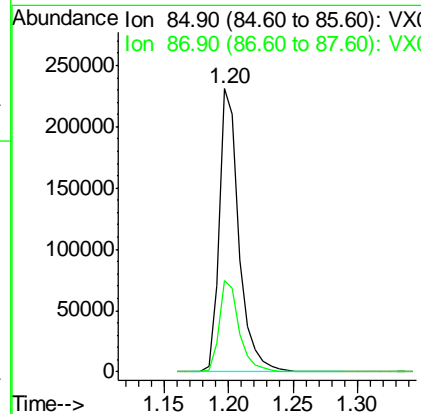
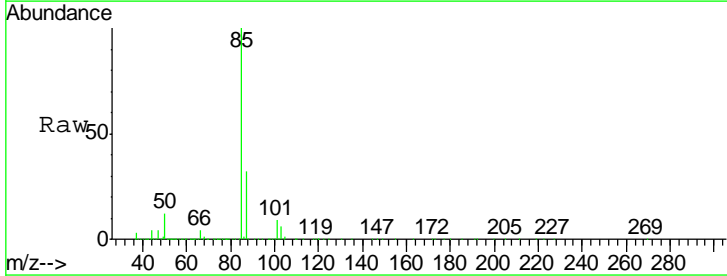
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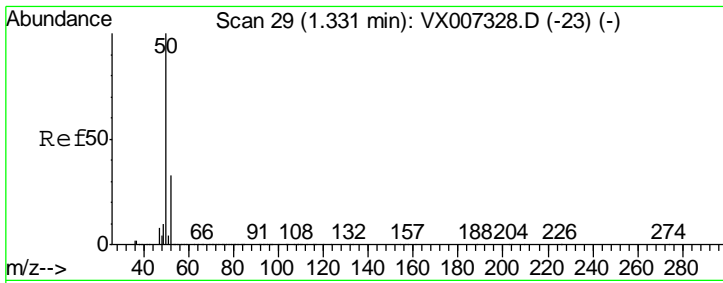
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#2  
 Dichlorodifluoromethane  
 Concen: 44.233 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
85	249619		
87	32.2	15.8	47.4





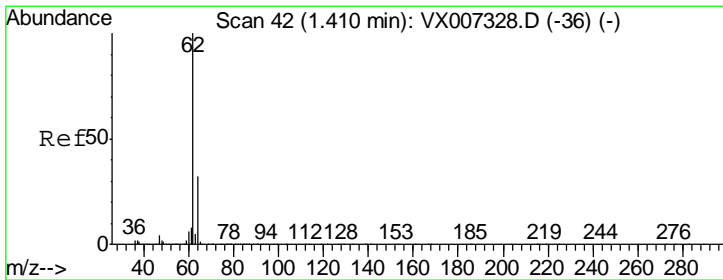
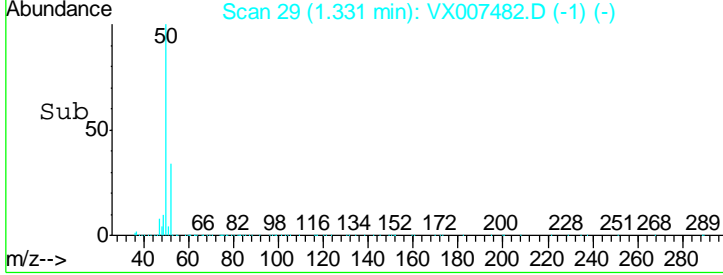
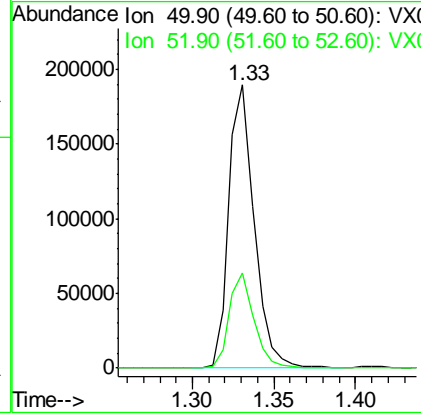
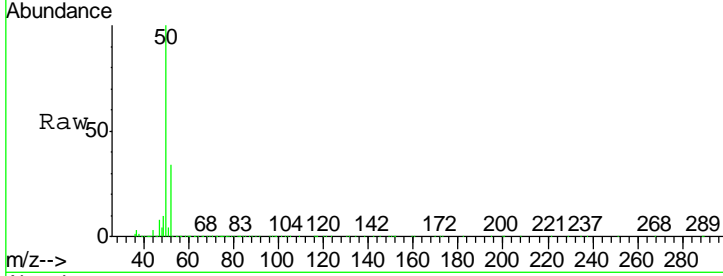
#3  
 Chloromethane  
 Concen: 39.730 ug/l  
 RT: 1.33 min Scan# 29  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
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Instrument : MSVOA\_X  
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Tgt Ion	Resp	Lower	Upper
50	100		
52	33.6	26.1	39.1

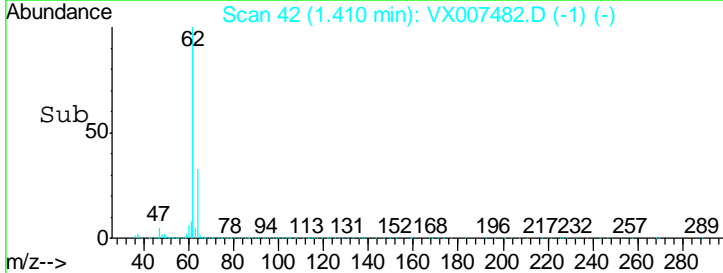
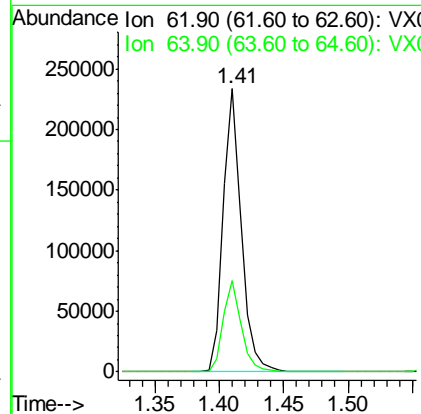
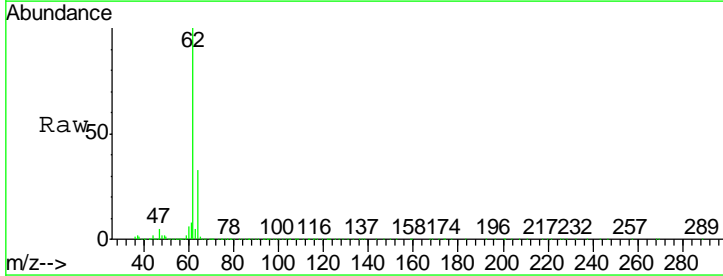
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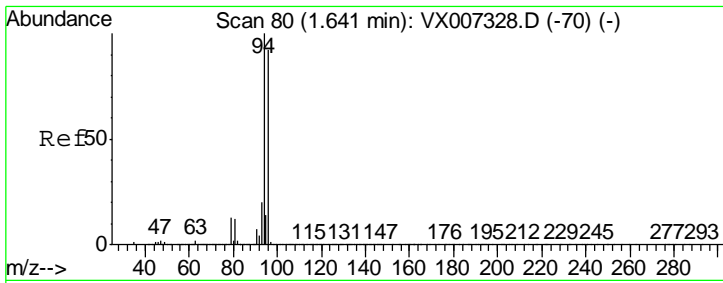
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#4  
 Vinyl Chloride  
 Concen: 46.146 ug/l  
 RT: 1.41 min Scan# 42  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
62	100		
64	32.5	25.4	38.0





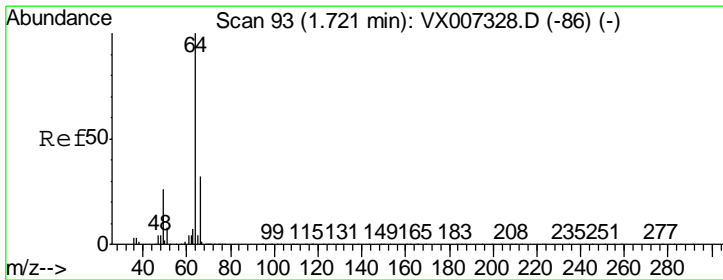
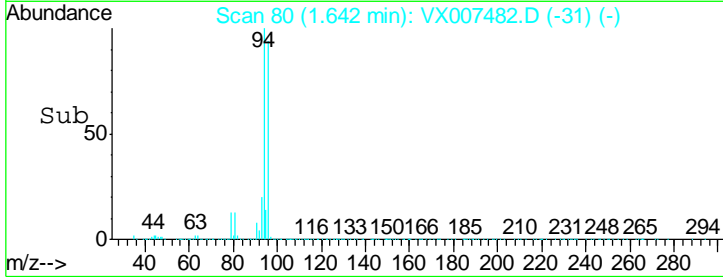
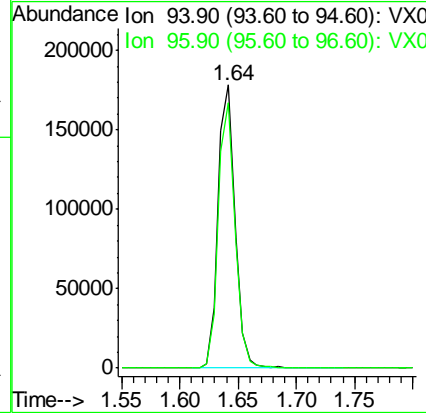
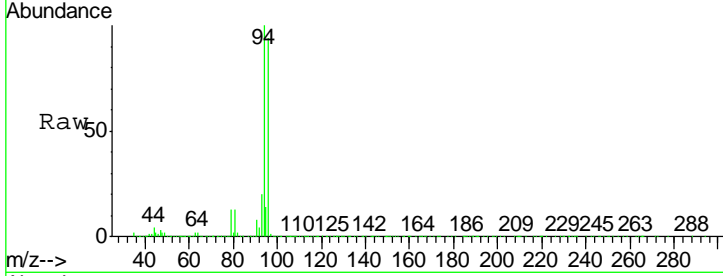
#5  
 Bromomethane  
 Concen: 35.078 ug/l  
 RT: 1.64 min Scan# 80  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
94	176826		
96	93.8	73.9	110.9

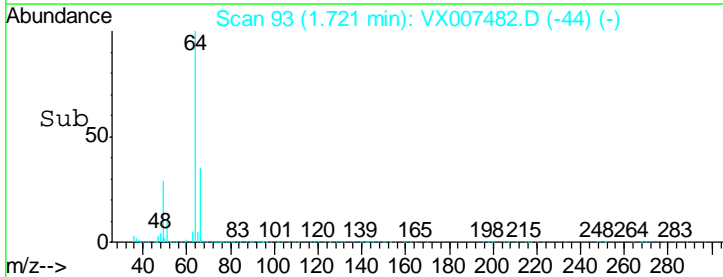
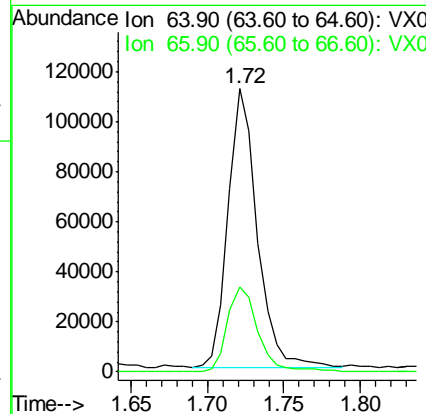
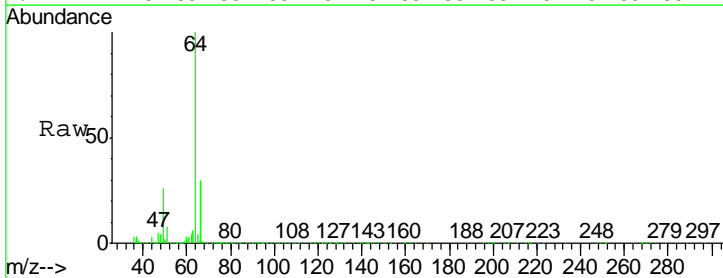
**Manual Integrations**  
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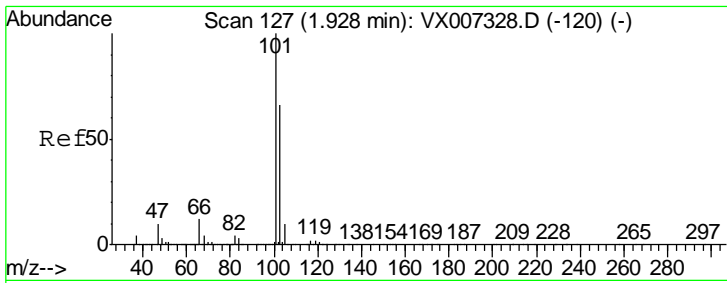
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#6  
 Chloroethane  
 Concen: 45.006 ug/l  
 RT: 1.72 min Scan# 93  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
64	147809		
66	30.4	25.5	38.3



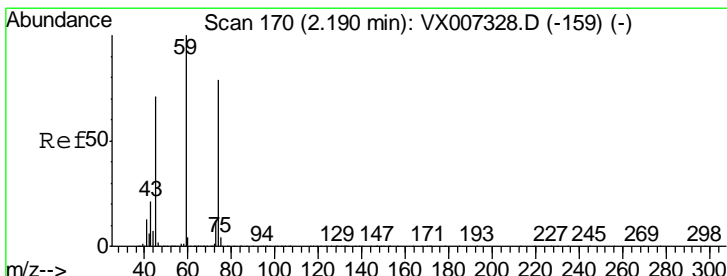
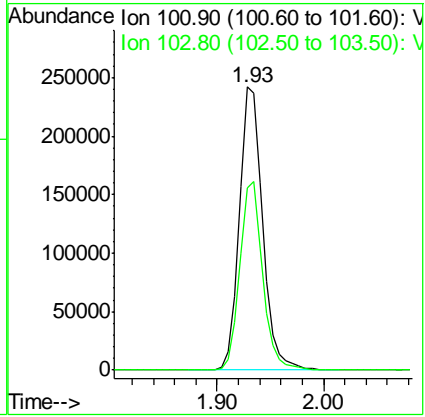
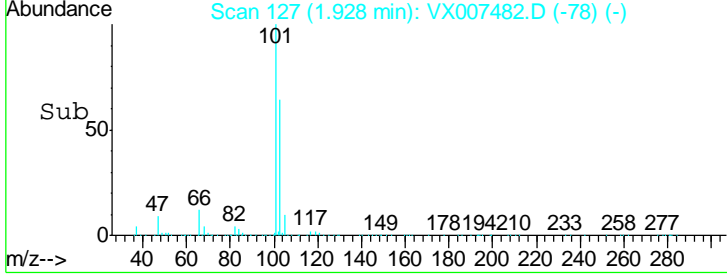
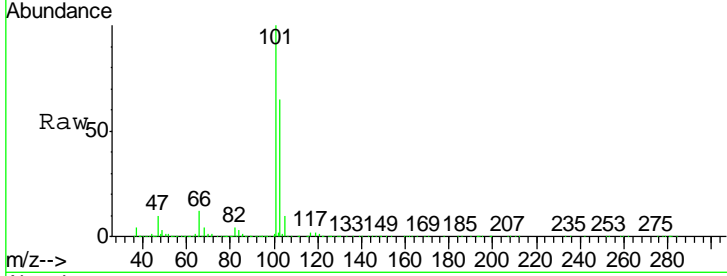


#7  
 Trichlorofluoromethane  
 Concen: 46.903 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
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**ClientSampled :**  
 VSTDCCC050

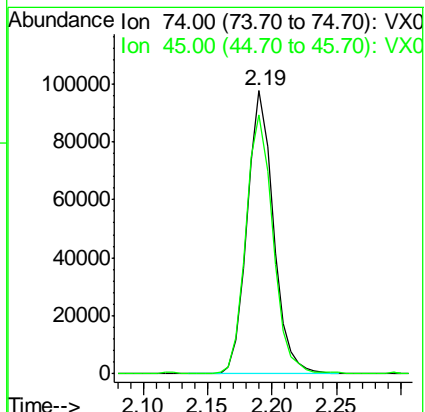
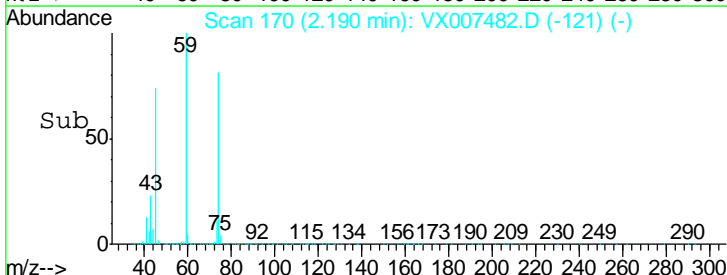
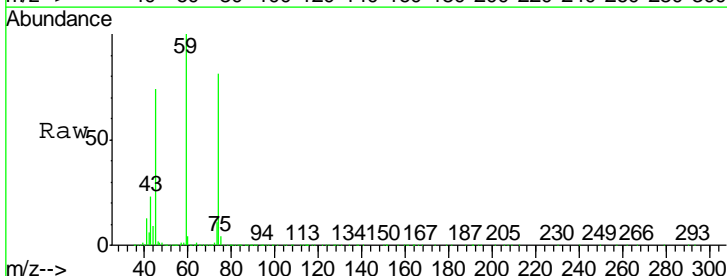
Tgt Ion	Resp	Lower	Upper
101	372506		
103	64.5	52.6	79.0

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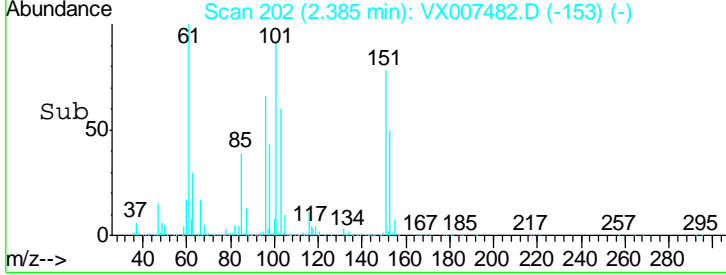
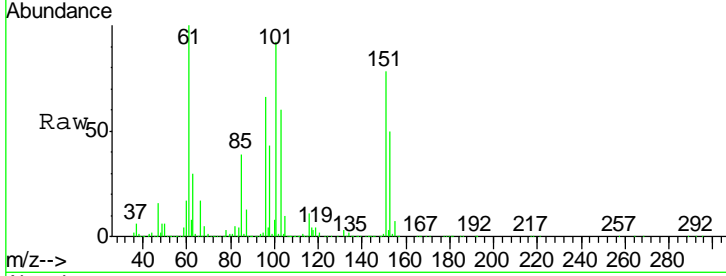
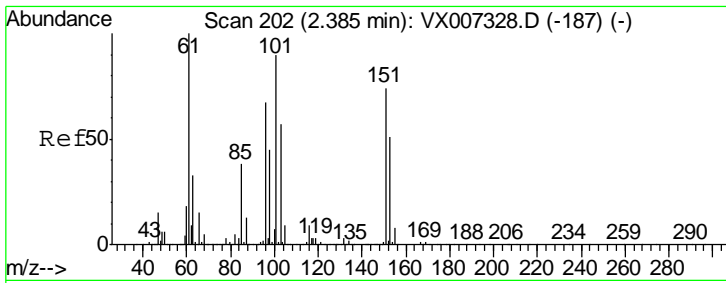


#8  
 Diethyl Ether  
 Concen: 45.830 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
74	136999		
45	93.7	45.7	137.1





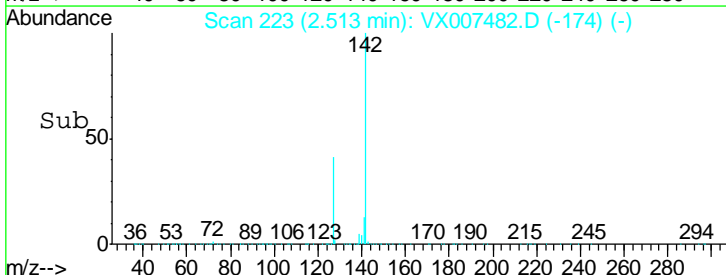
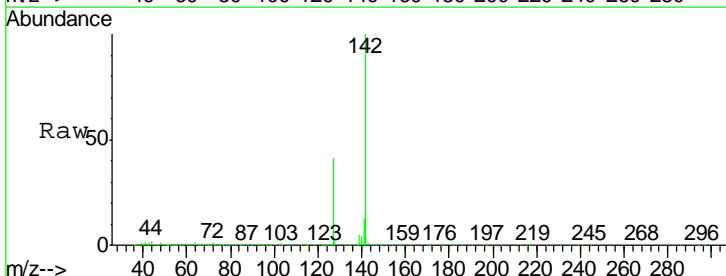
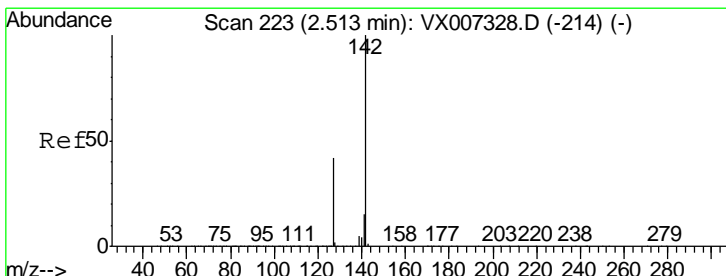
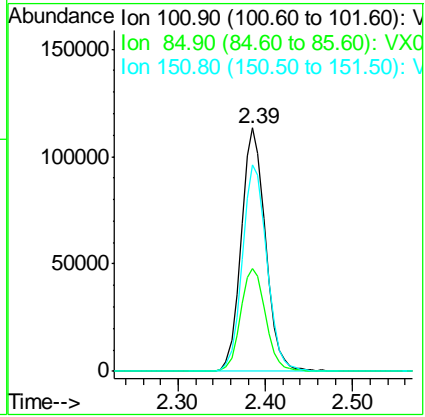


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.227 ug/l  
 RT: 2.39 min Scan# 202  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
101	218385		
101	100		
85	43.4	34.1	51.1
151	85.9	69.9	104.9

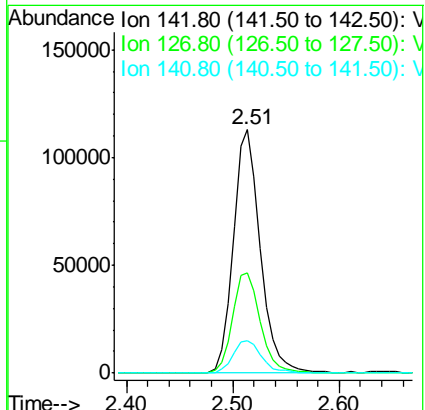
Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

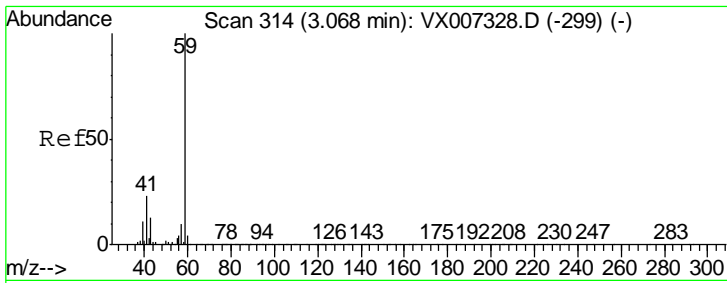
Manual Integrations  
**APPROVED**  
 MMDadoda  
 2/13/2019 11:58:14 AM



#10  
 Methyl Iodide  
 Concen: 28.946 ug/l  
 RT: 2.51 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
142	201159		
142	100		
127	42.6	33.7	50.5
141	14.6	11.3	16.9



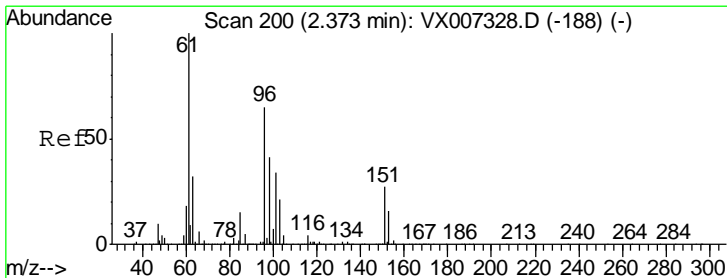
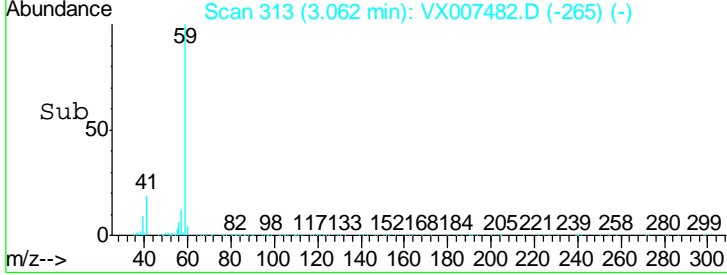
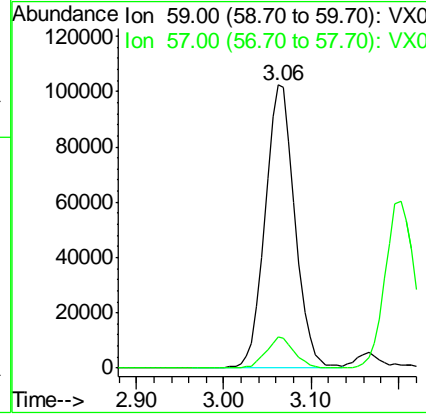
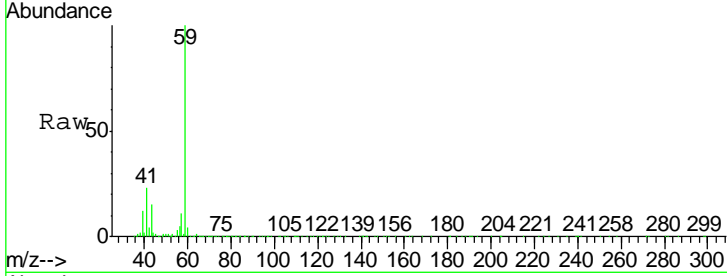


#11  
 Tert butyl alcohol  
 Concen: 240.590 ug/l  
 RT: 3.06 min Scan# 313  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

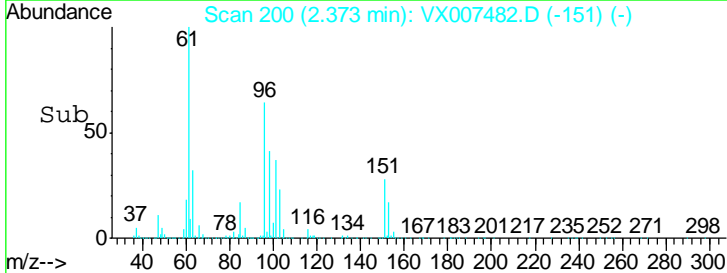
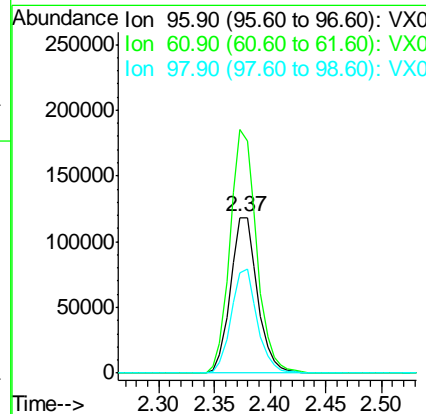
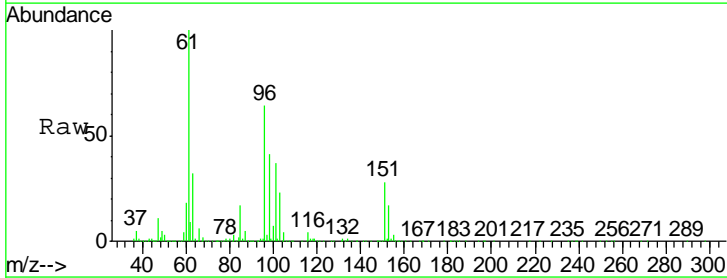
Tgt Ion	Resp	Lower	Upper
59	100		
57	10.4	8.1	12.1

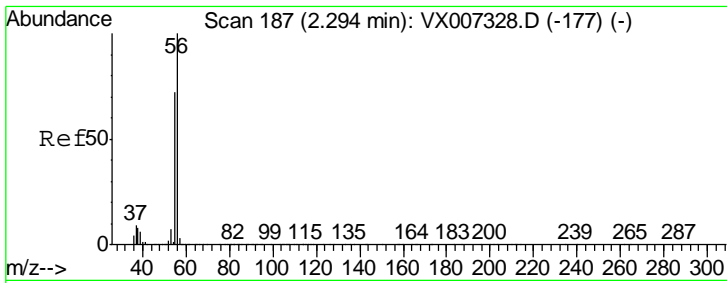
Manual Integrations  
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#12  
 1,1-Dichloroethene  
 Concen: 45.164 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
96	100		
61	156.7	123.0	184.4
98	64.3	50.9	76.3



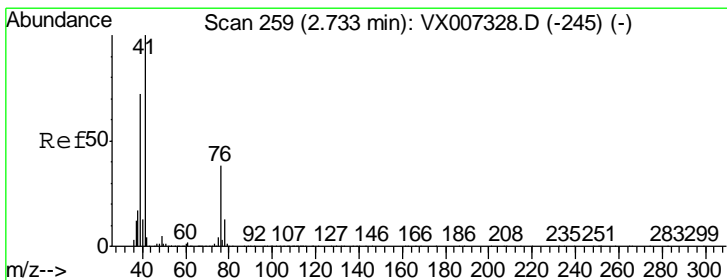
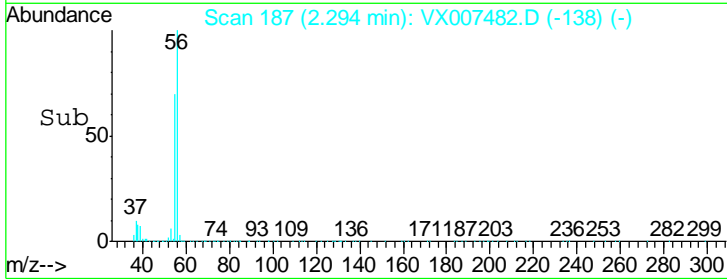
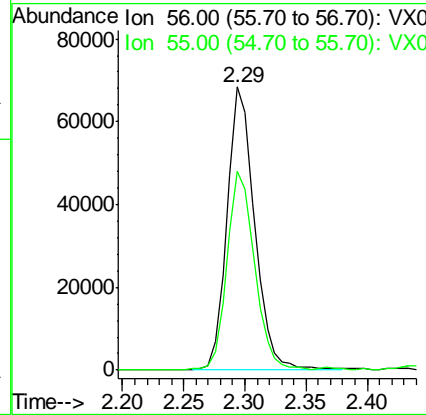
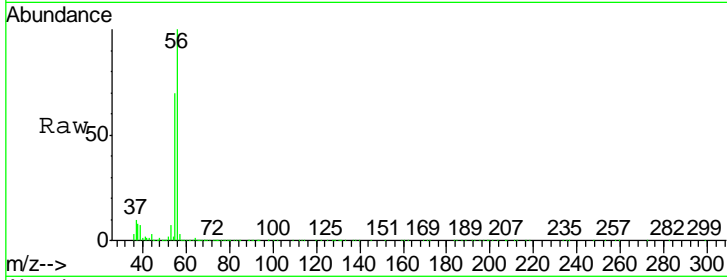


#13  
 Acrolein  
 Concen: 224.810 ug/l  
 RT: 2.29 min Scan# 187  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

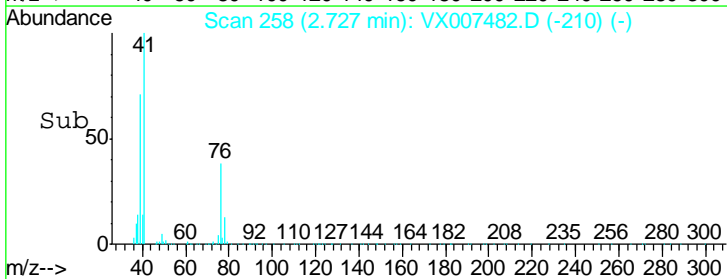
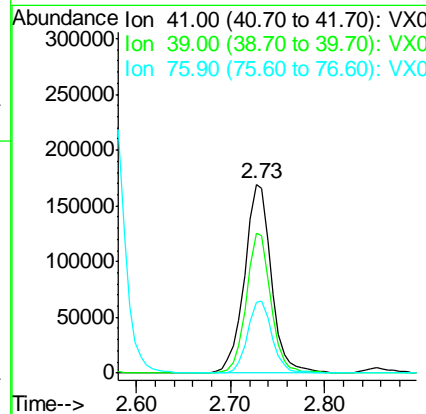
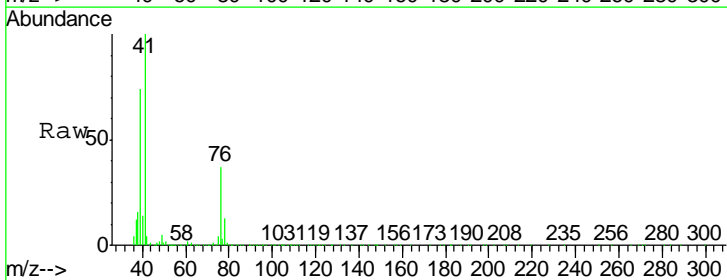
Tgt Ion	Resp	Lower	Upper
56	106394		
55	70.3	56.9	85.3

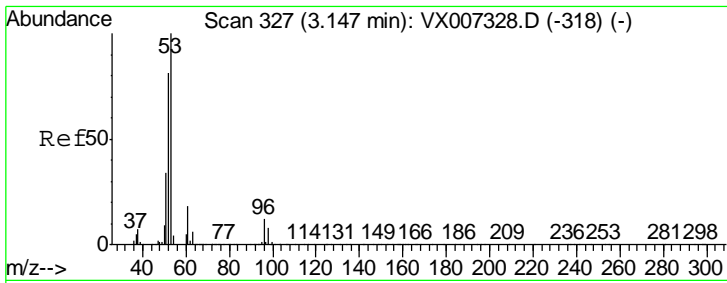
Manual Integrations  
**APPROVED**  
 MMDadoda  
 2/13/2019 11:58:14 AM



#14  
 Allyl chloride  
 Concen: 46.928 ug/l  
 RT: 2.73 min Scan# 258  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
41	335433		
39	67.3	54.1	81.1
76	34.8	27.8	41.8





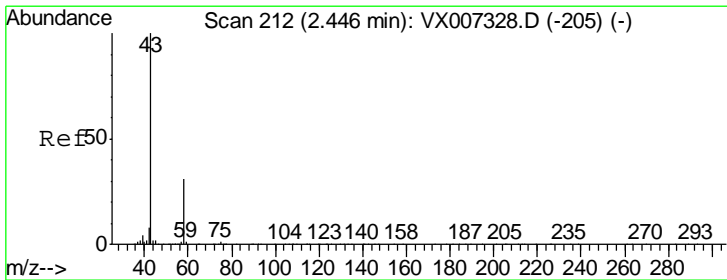
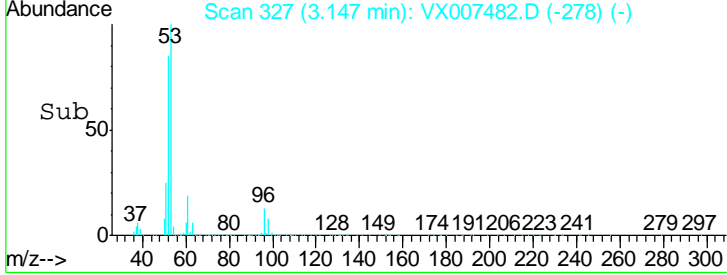
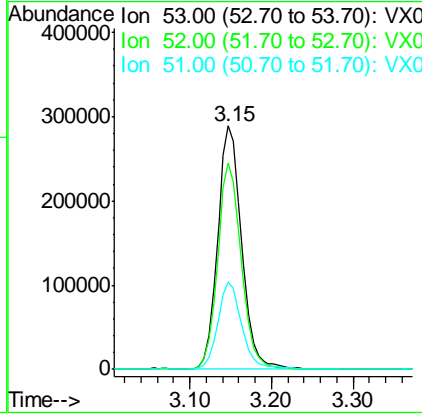
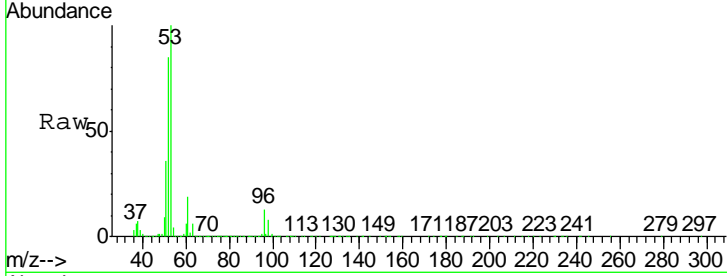
#15  
 Acrylonitrile  
 Concen: 236.500 ug/l  
 RT: 3.15 min Scan# 327  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
53	100		
52	83.4	66.4	99.6
51	35.9	28.4	42.6

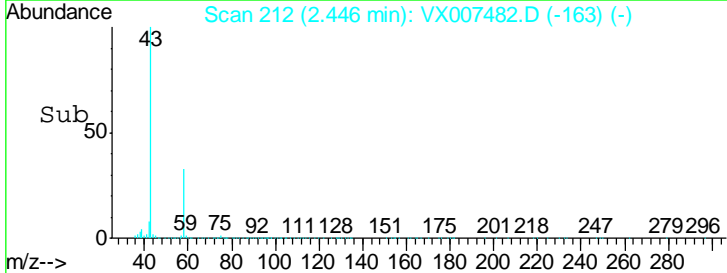
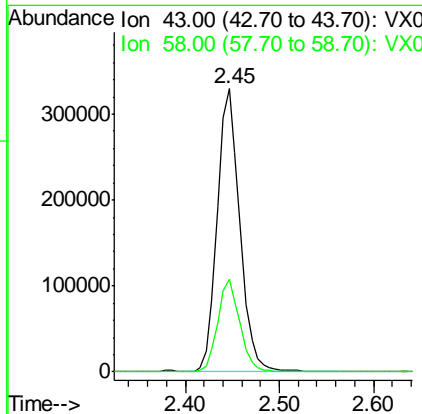
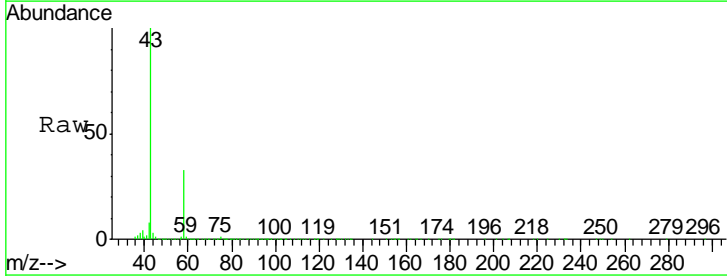
Manual Integrations  
 APPROVED

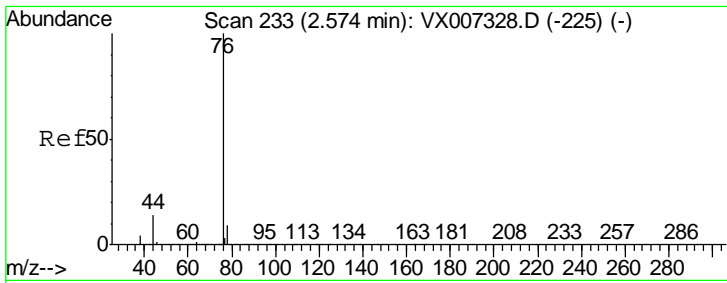
MMDadoda  
 2/13/2019 11:58:14 AM



#16  
 Acetone  
 Concen: 243.782 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
43	100		
58	32.6	24.9	37.3



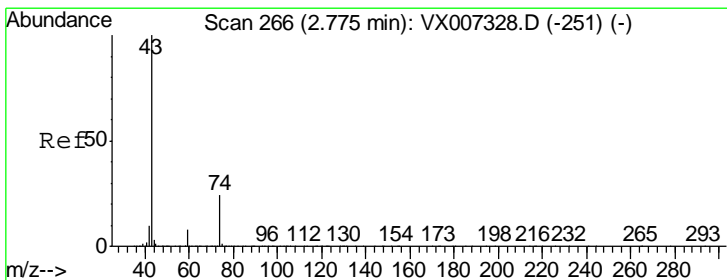
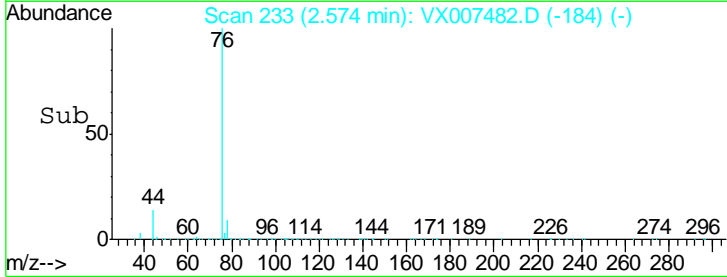
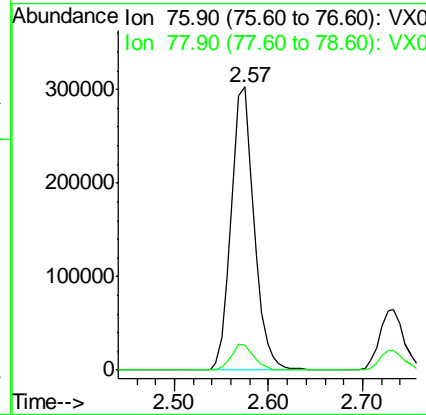
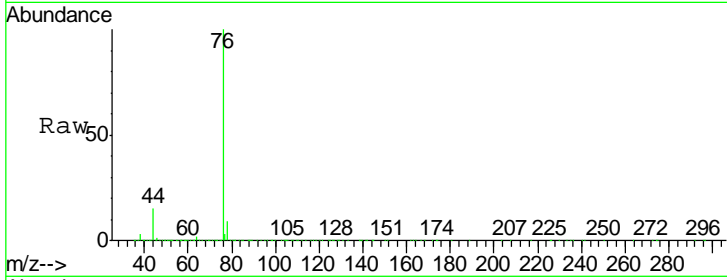


#17  
 Carbon Disulfide  
 Concen: 45.031 ug/l  
 RT: 2.57 min Scan# 233  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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

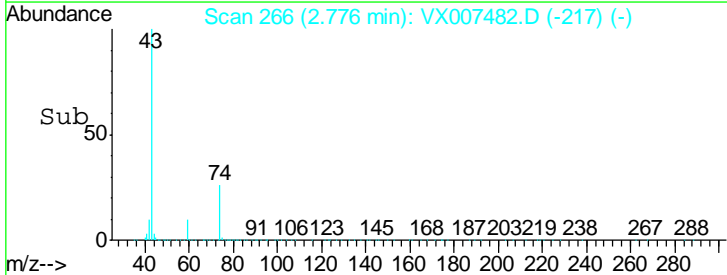
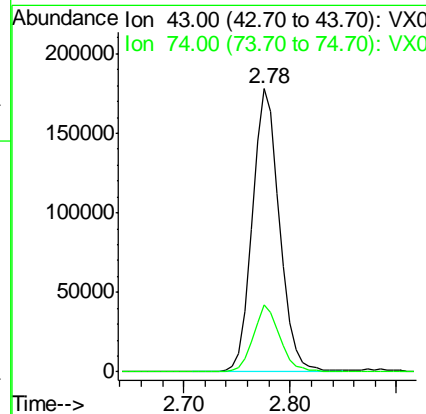
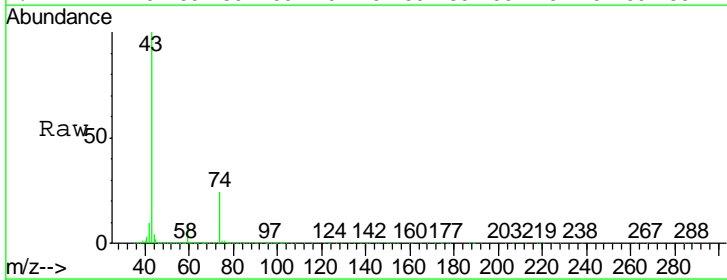
Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

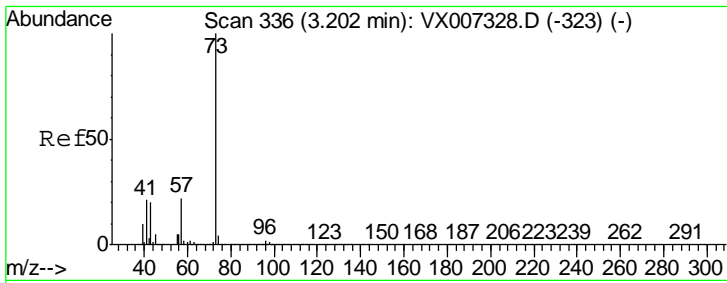
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 2/13/2019 11:58:14 AM



#18  
 Methyl Acetate  
 Concen: 54.492 ug/l  
 RT: 2.78 min Scan# 266  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2



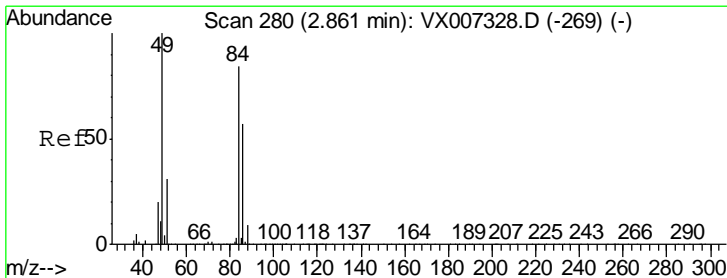
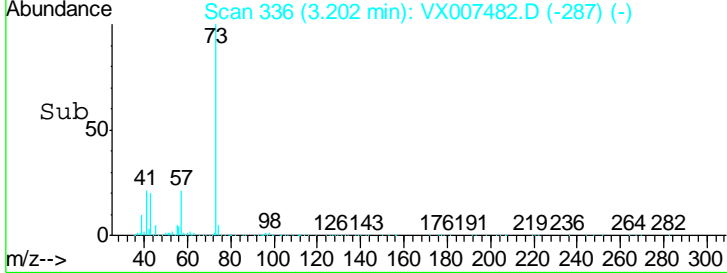
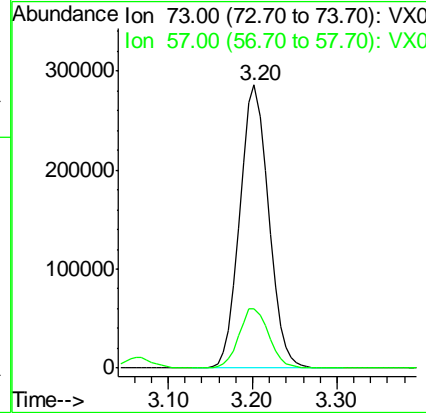
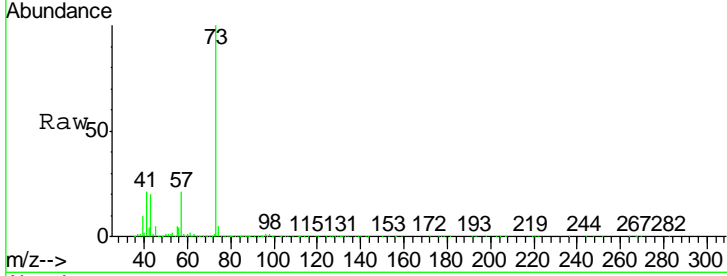


#19  
 Methyl tert-butyl Ether  
 Concen: 46.411 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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

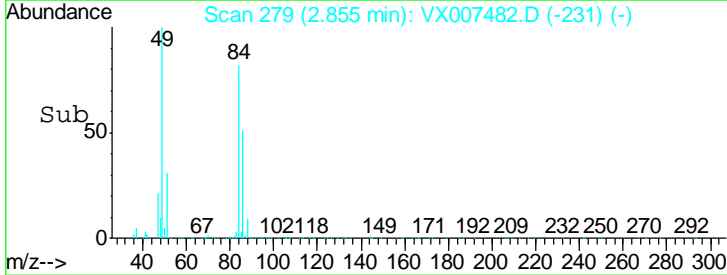
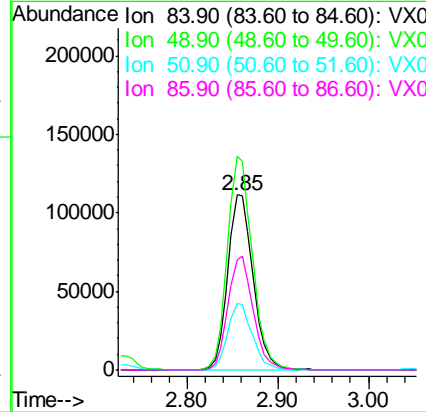
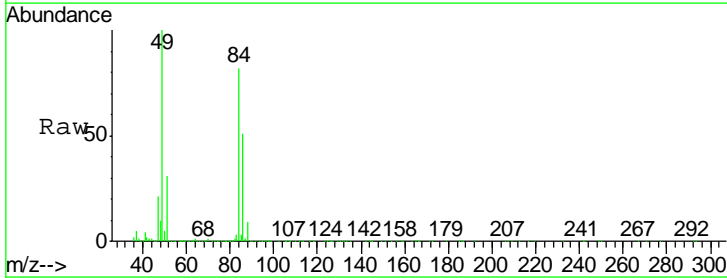
Tgt Ion	Resp	Lower	Upper
73	100		
57	21.0	17.8	26.8

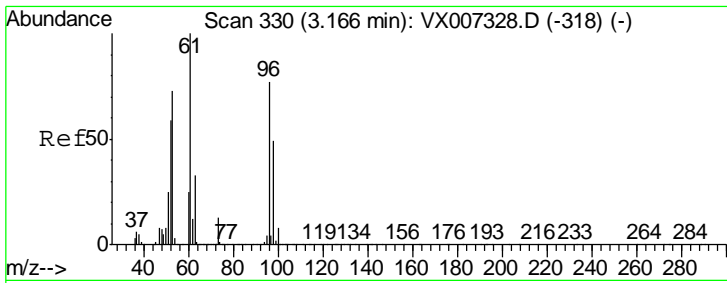
**Manual Integrations**  
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 MMDadoda  
 2/13/2019 11:58:14 AM



#20  
 Methylene Chloride  
 Concen: 47.659 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
84	100		
49	121.9	94.8	142.2
51	37.9	29.8	44.8
86	62.5	54.1	81.1



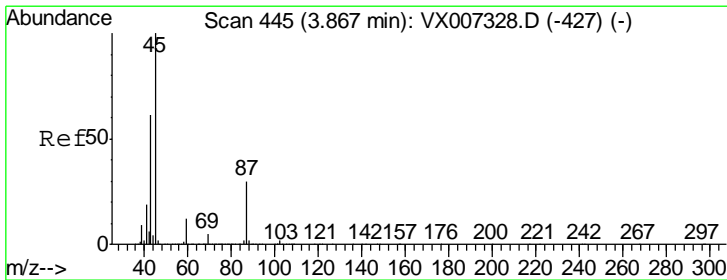
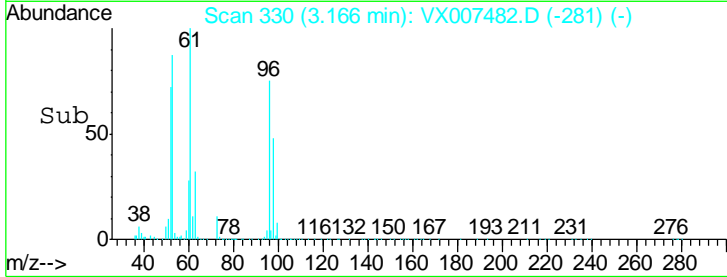
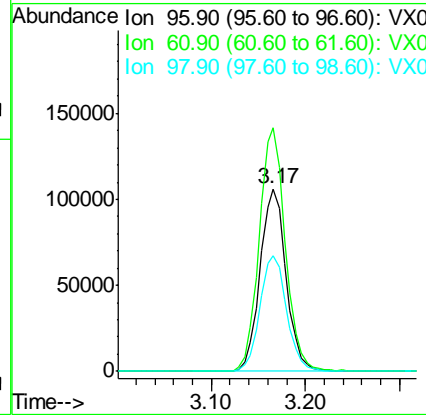
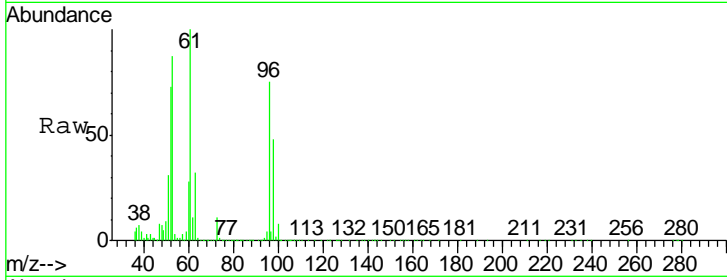


#21  
 trans-1,2-Dichloroethene  
 Concen: 43.996 ug/l  
 RT: 3.17 min Scan# 330  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

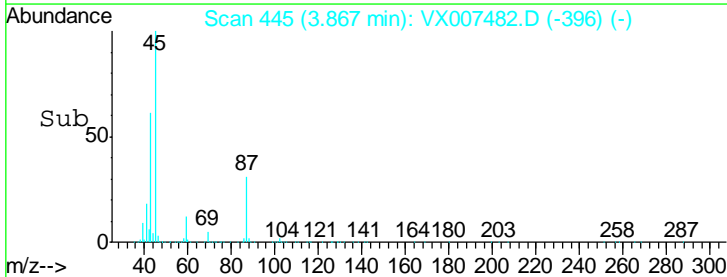
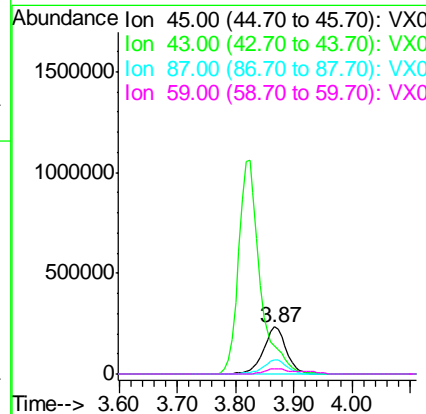
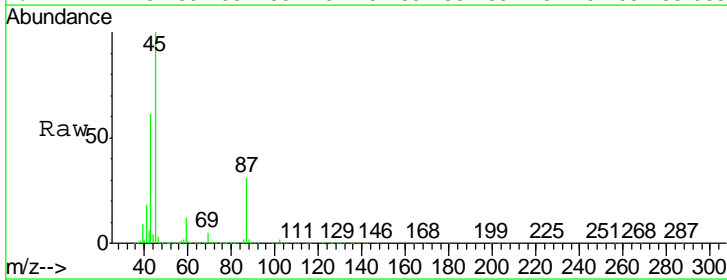
Tgt Ion	Resp	Lower	Upper
96	205601		
Ion Ratio			
96	100		
61	133.1	104.6	156.8
98	63.5	51.0	76.4

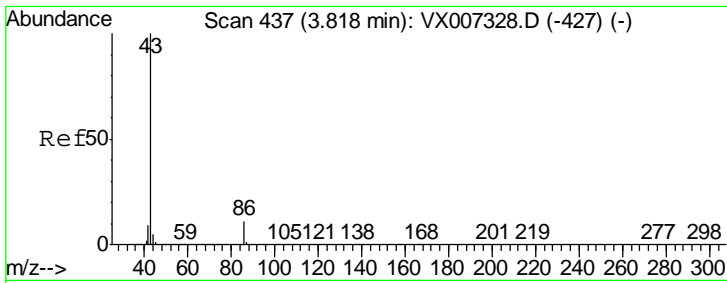
Manual Integrations  
**APPROVED**  
 MMDadoda  
 2/13/2019 11:58:14 AM



#22  
 Diisopropyl ether  
 Concen: 48.271 ug/l  
 RT: 3.87 min Scan# 445  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
45	634661		
Ion Ratio			
45	100		
43	61.3	48.9	73.3
87	30.6	23.9	35.9
59	11.8	9.6	14.4





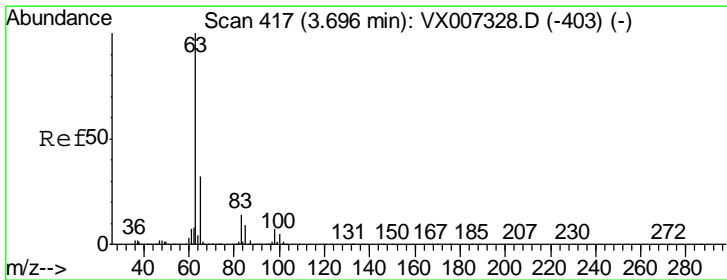
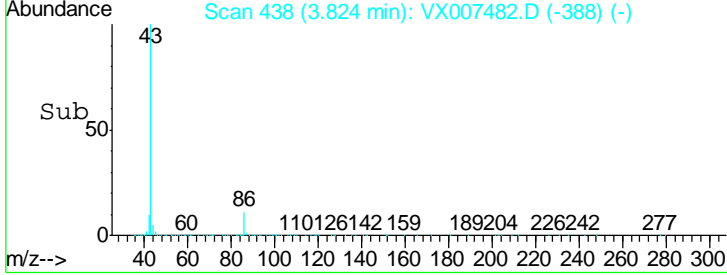
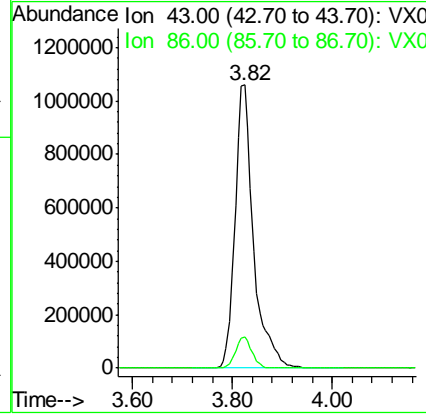
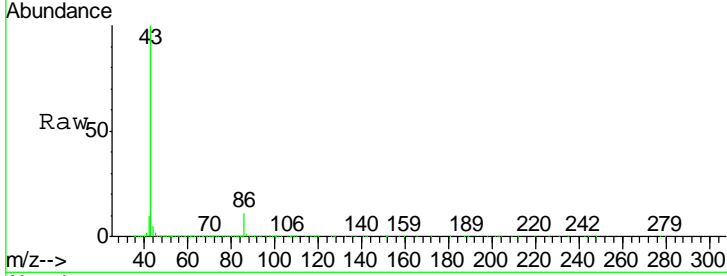
#23  
 Vinyl Acetate  
 Concen: 251.239 ug/l  
 RT: 3.82 min Scan# 438  
 Delta R.T. 0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion: 43 Resp: 2741148

Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.7	13.1

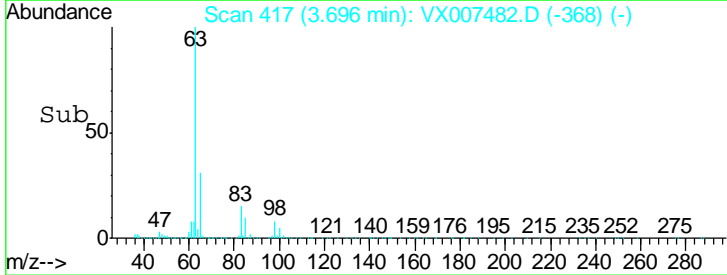
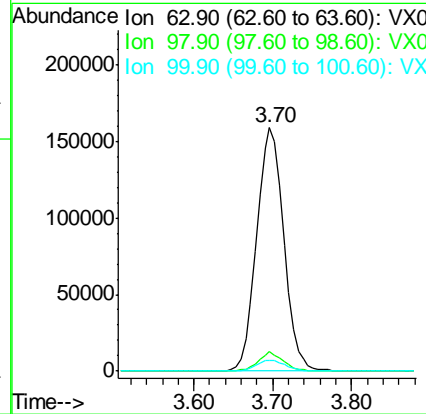
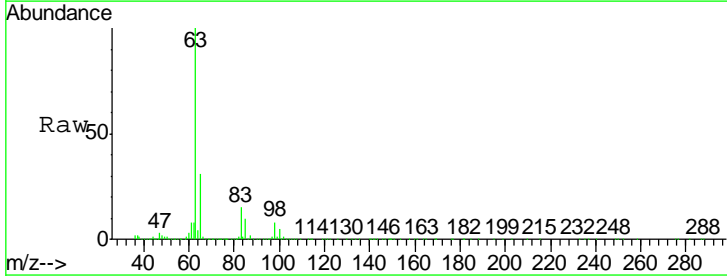
Manual Integrations APPROVED  
 MMDadoda  
 2/13/2019 11:58:14 AM



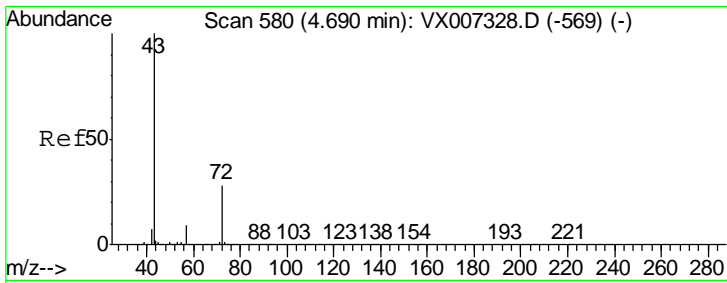
#24  
 1,1-Dichloroethane  
 Concen: 50.173 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion: 63 Resp: 378834

Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.6	10.8
100	4.5	2.5	7.4







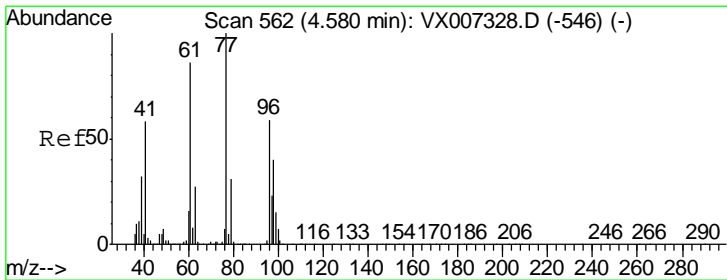
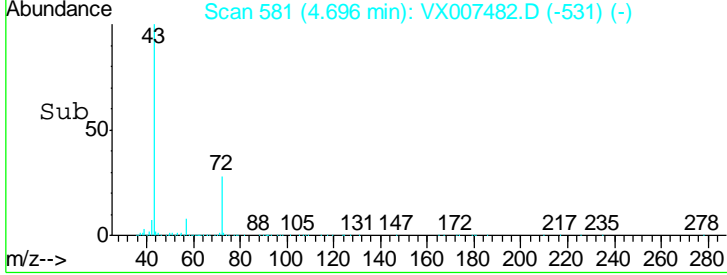
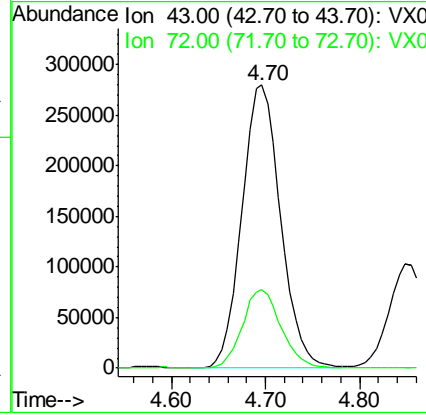
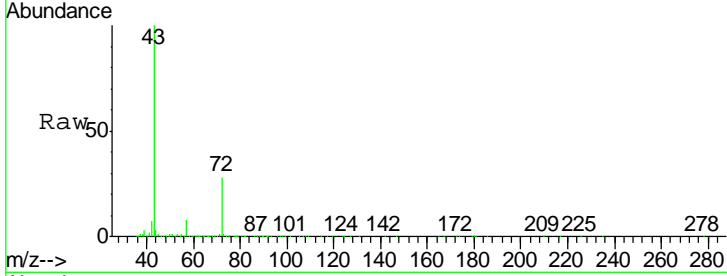
#25  
 2-Butanone  
 Concen: 252.185 ug/l  
 RT: 4.70 min Scan# 581  
 Delta R.T. 0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion: 43 Resp: 801728

Ion	Ratio	Lower	Upper
43	100		
72	27.7	22.2	33.2

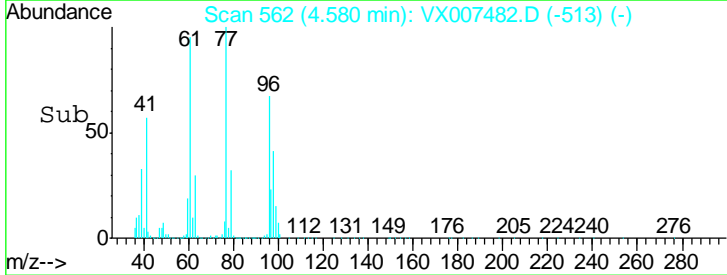
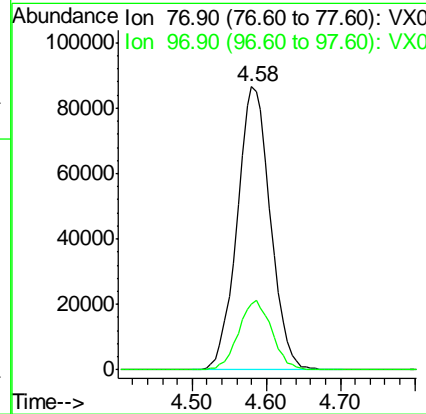
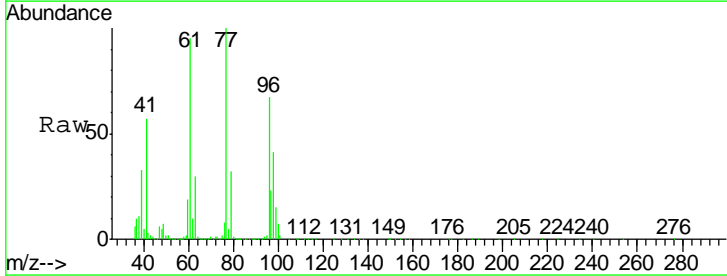
Manual Integrations APPROVED  
 MMDadoda  
 2/13/2019 11:58:14 AM

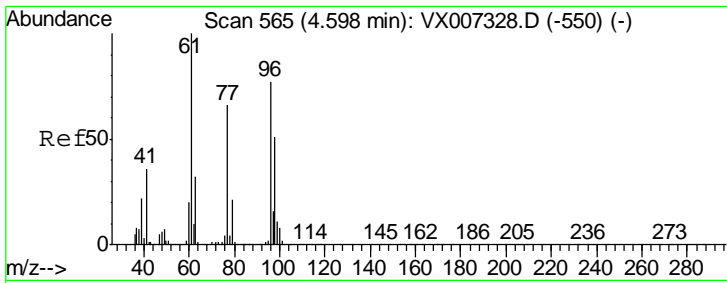


#26  
 2,2-Dichloropropane  
 Concen: 46.767 ug/l  
 RT: 4.58 min Scan# 562  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion: 77 Resp: 268922

Ion	Ratio	Lower	Upper
77	100		
97	24.8	12.1	36.3





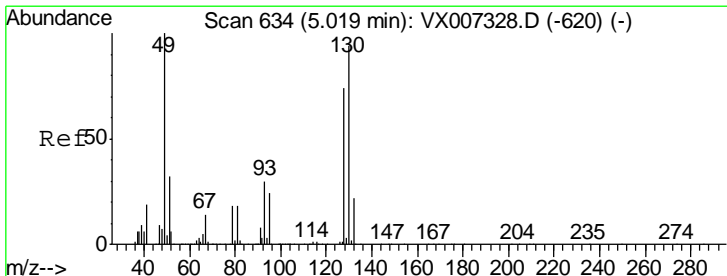
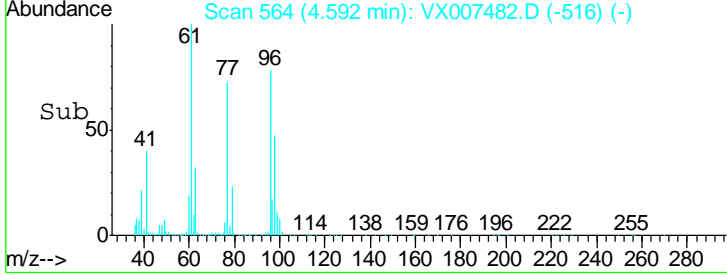
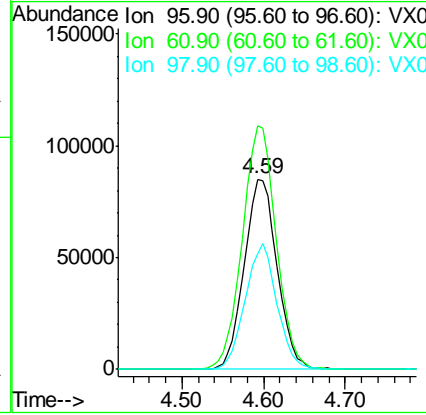
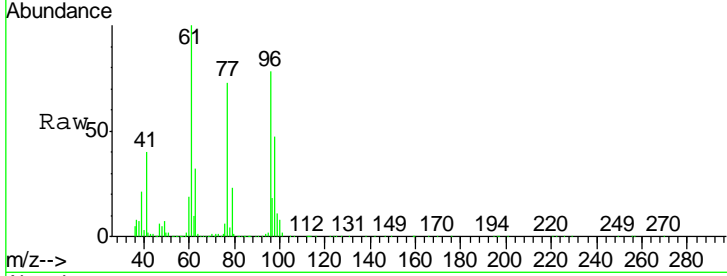
#27  
 cis-1,2-Dichloroethene  
 Concen: 46.697 ug/l  
 RT: 4.59 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	238351		
96	100		
61	131.2	0.0	265.6
98	63.8	0.0	131.6

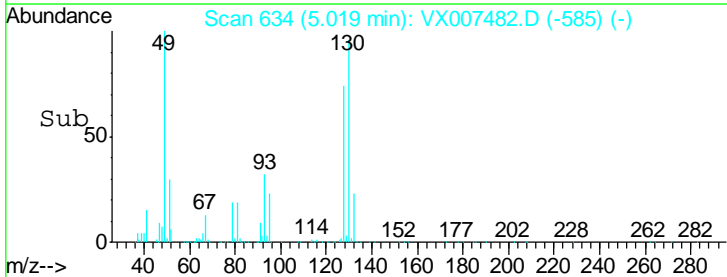
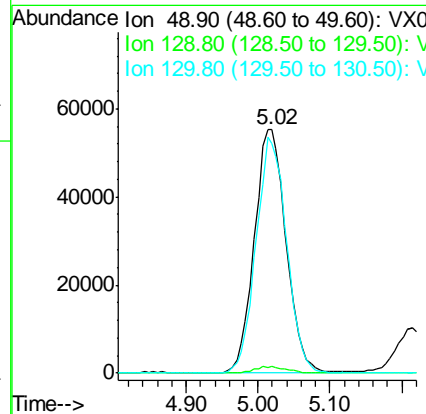
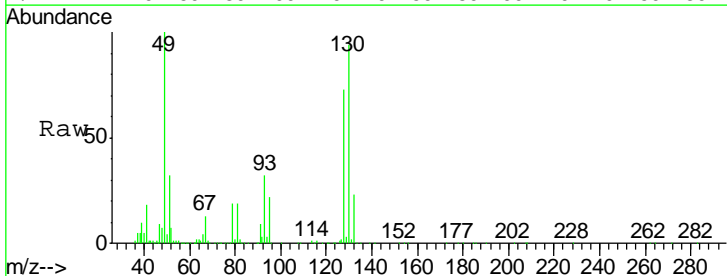
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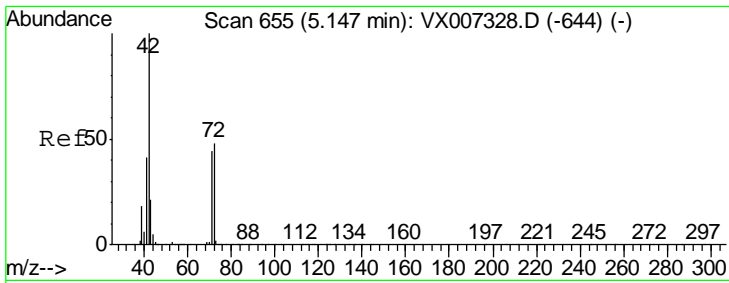
MMDadoda  
 2/13/2019 11:58:14 AM



#28  
 Bromochloromethane  
 Concen: 48.921 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
49	169865		
49	100		
129	2.6	0.0	5.6
130	92.9	75.6	113.4





#29  
 Tetrahydrofuran  
 Concen: 257.510 ug/l  
 RT: 5.15 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

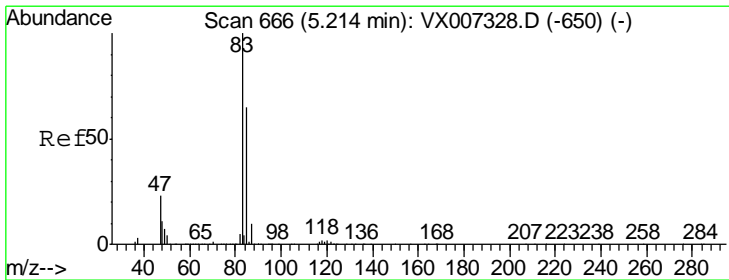
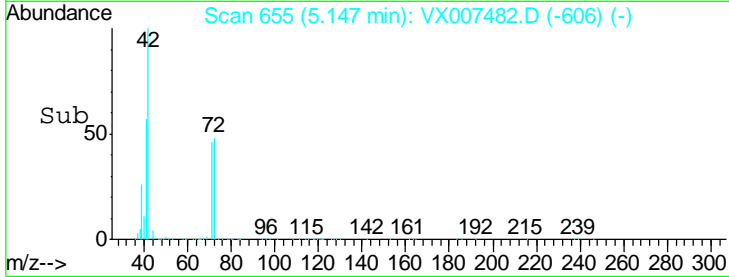
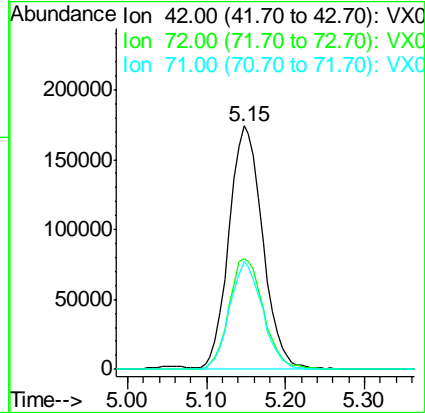
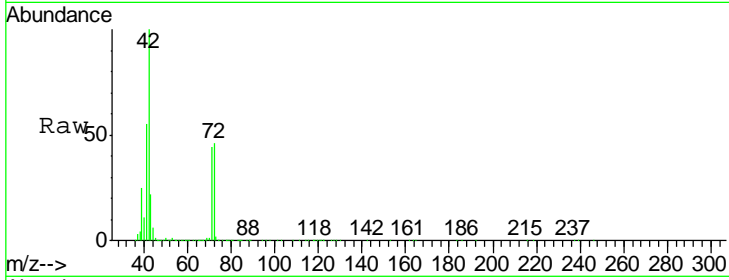
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion: 42 Resp: 514878

Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.6	56.4
71	43.9	34.6	51.8

Manual Integrations  
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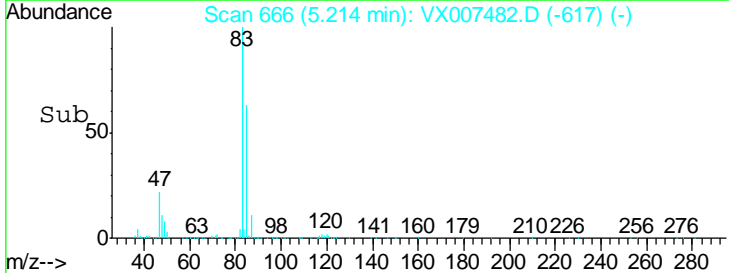
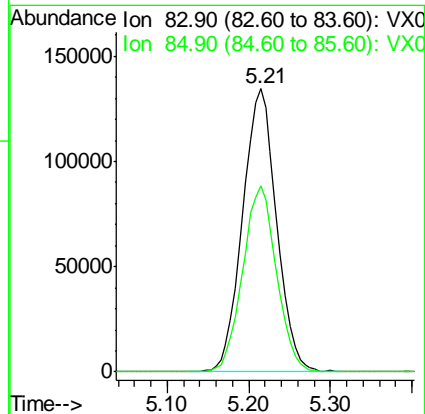
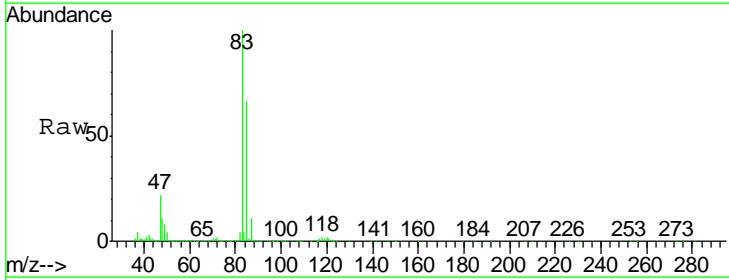
MMDadoda  
 2/13/2019 11:58:14 AM

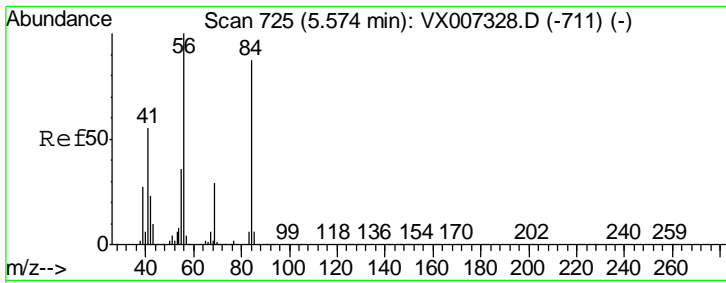


#30  
 Chloroform  
 Concen: 49.394 ug/l  
 RT: 5.21 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion: 83 Resp: 389171

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.6	77.4





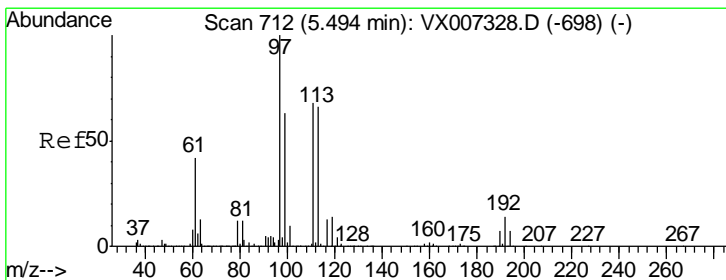
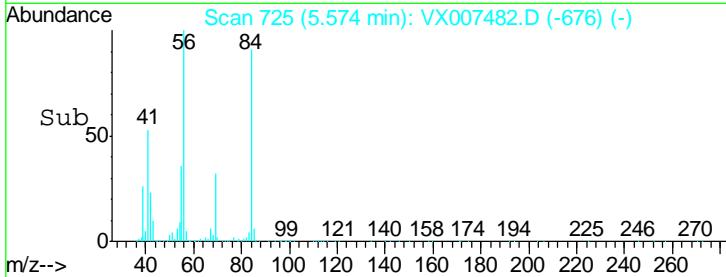
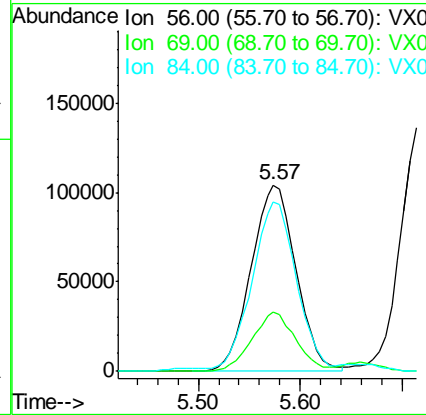
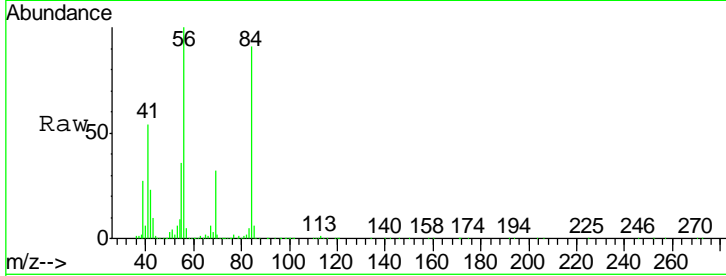
#31  
 Cyclohexane  
 Concen: 46.793 ug/l  
 RT: 5.57 min Scan# 725  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	317326		
69	31.6	23.0	34.6
84	89.0	69.8	104.6

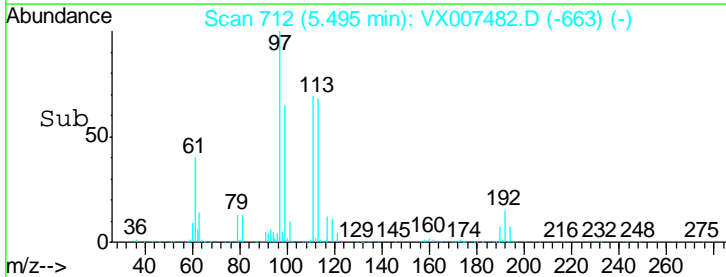
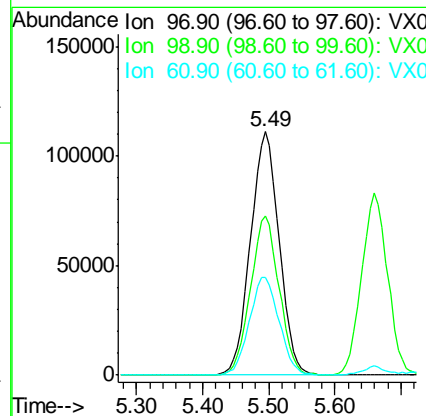
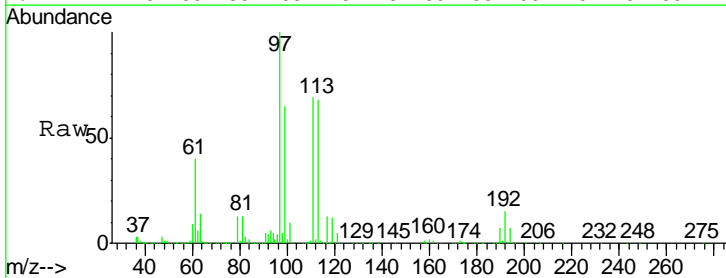
Manual Integrations  
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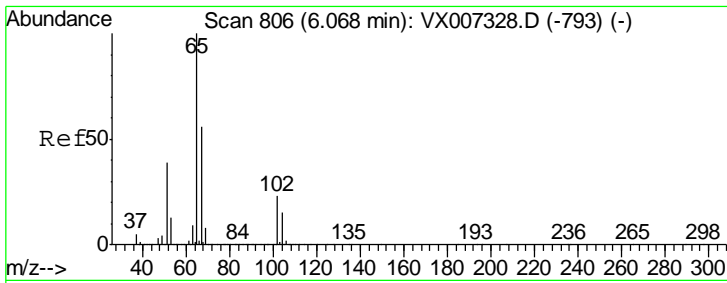
MMDadoda  
 2/13/2019 11:58:14 AM



#32  
 1,1,1-Trichloroethane  
 Concen: 50.418 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
97	335313		
99	65.3	52.2	78.2
61	41.7	32.7	49.1





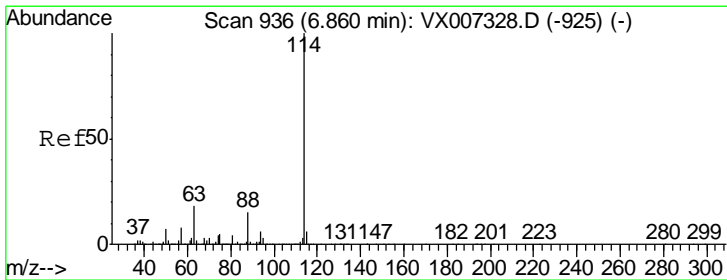
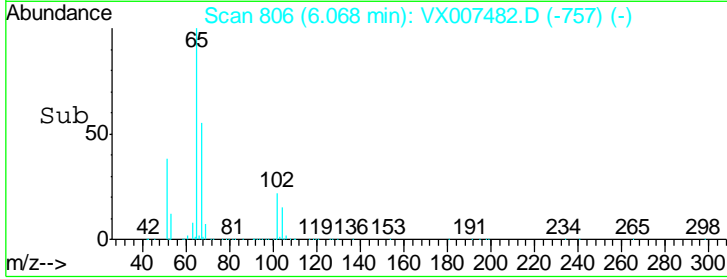
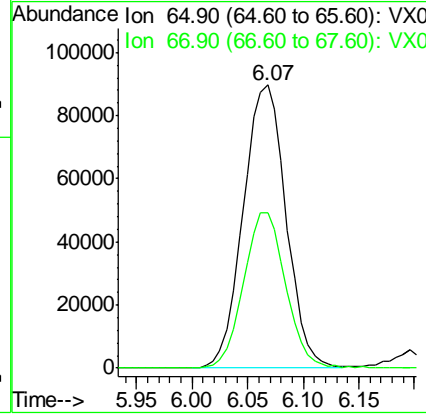
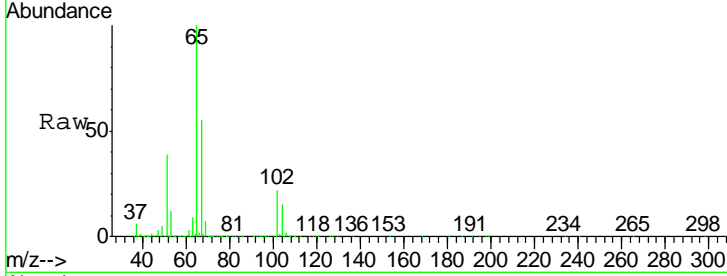
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.122 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
65	100		
67	53.9	0.0	108.8

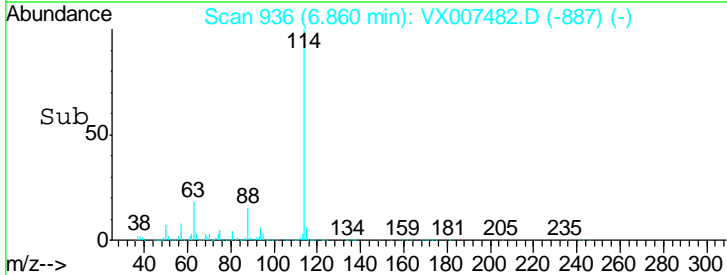
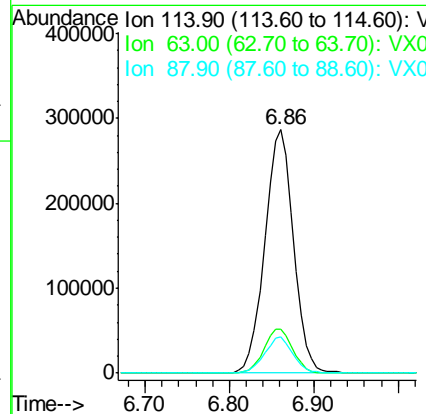
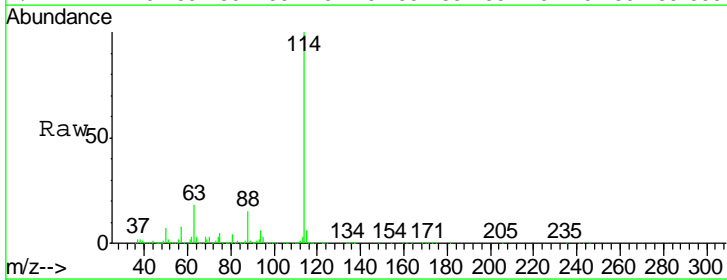
Manual Integrations  
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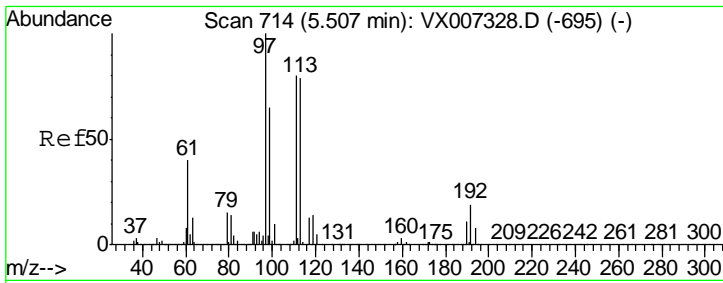
MMDadoda  
 2/13/2019 11:58:14 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	15.0	0.0	29.6





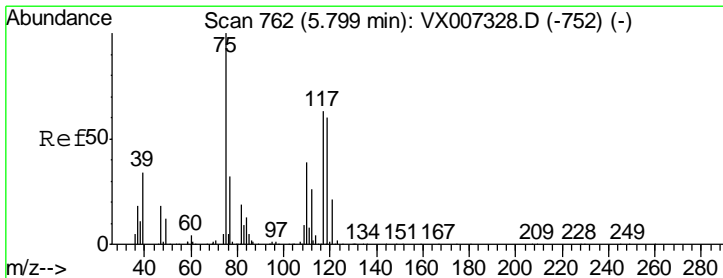
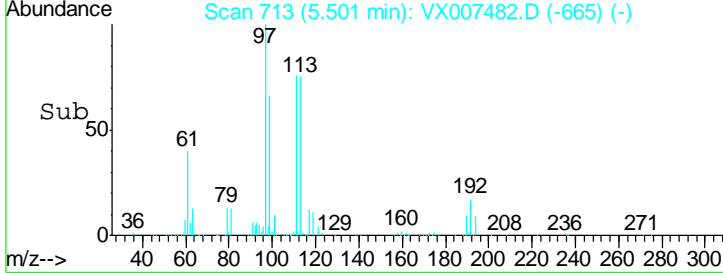
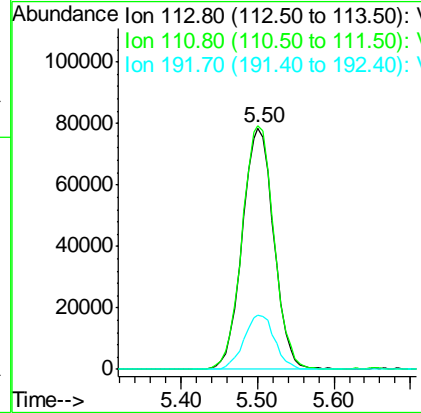
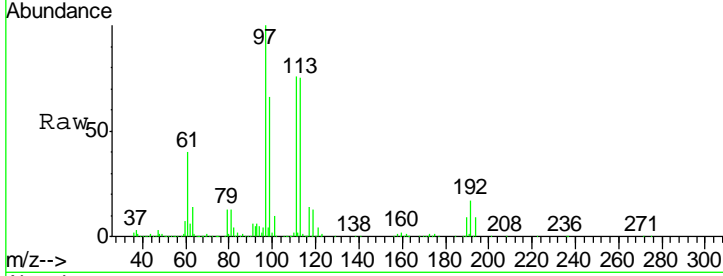
#35  
 Dibromofluoromethane  
 Concen: 51.474 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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

Tgt Ion	Resp	Lower	Upper
113	224033		
111	102.1	81.8	122.8
192	22.2	18.5	27.7

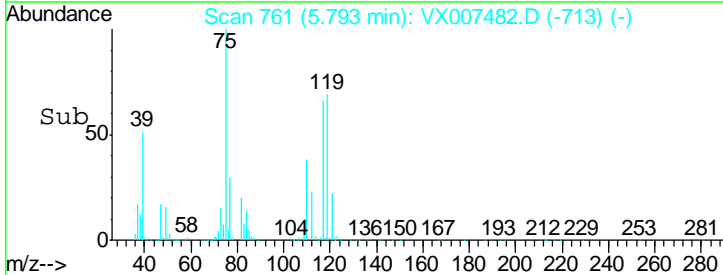
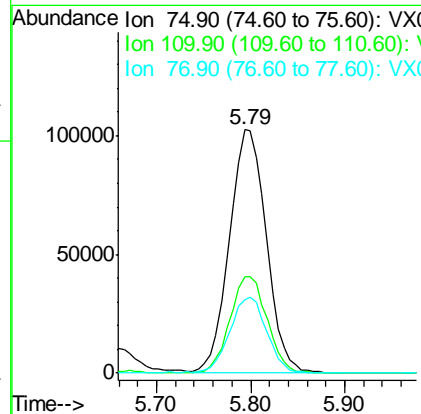
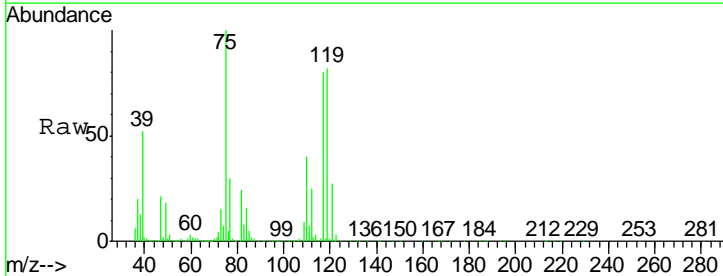
**Manual Integrations**  
**APPROVED**

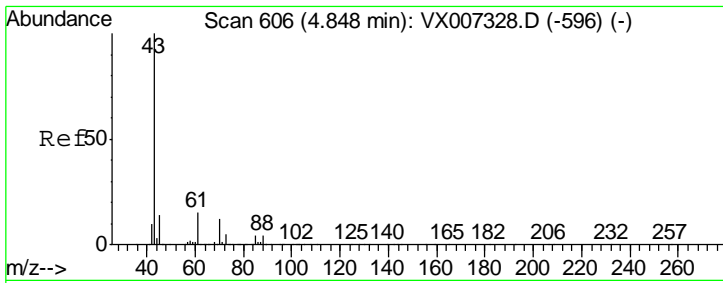
MMDadoda  
 2/13/2019 11:58:14 AM



#36  
 1,1-Dichloropropene  
 Concen: 46.271 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
75	277708		
110	40.5	20.0	59.9
77	31.4	24.7	37.1





#37  
 Ethyl Acetate  
 Concen: 48.763 ug/l  
 RT: 4.85 min Scan# 606  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

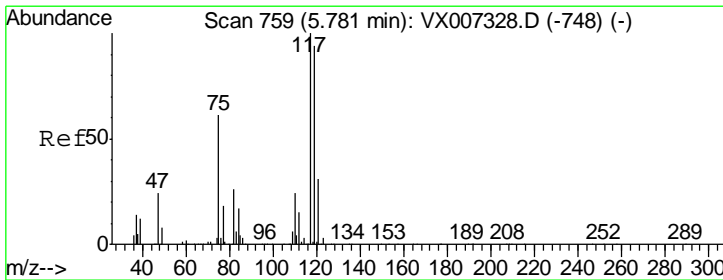
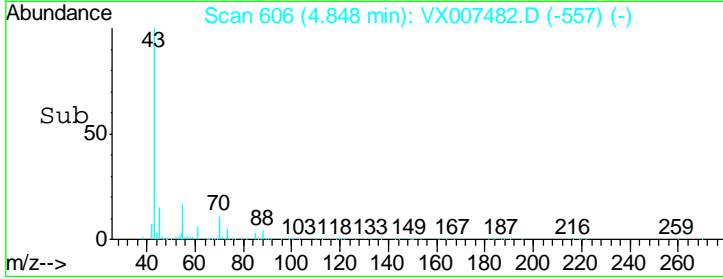
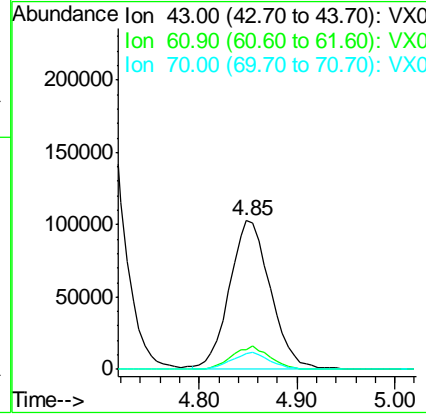
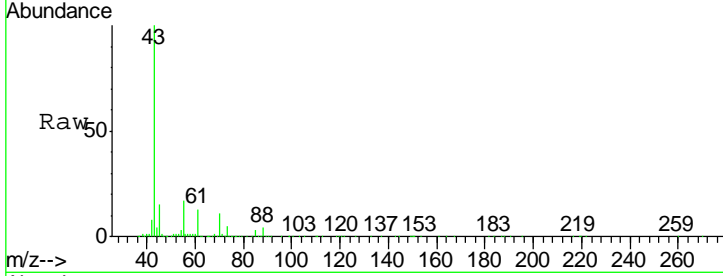
Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion: 43 Resp: 295841

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	11.1	8.6	13.0

Manual Integrations APPROVED

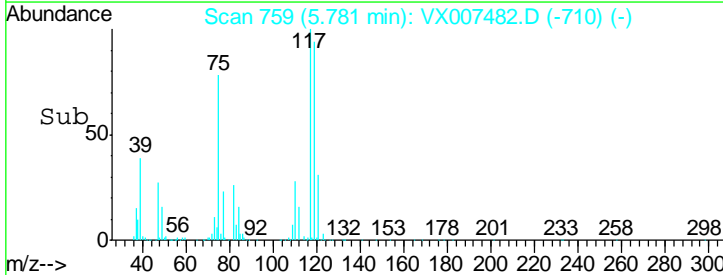
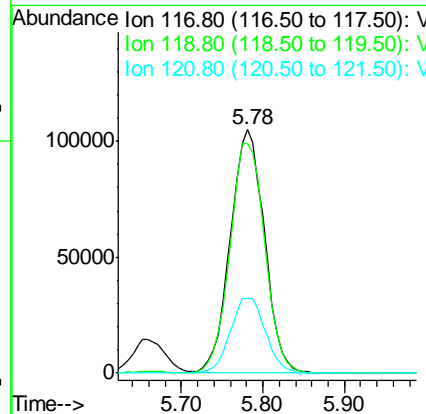
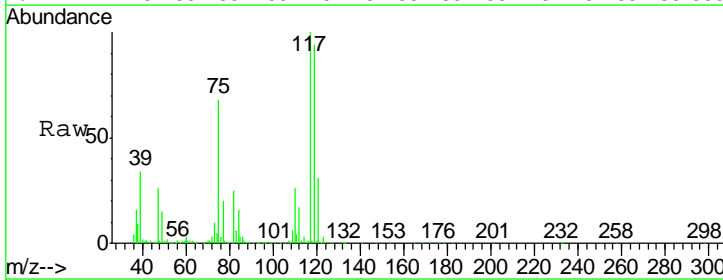
MMDadoda  
 2/13/2019 11:58:14 AM

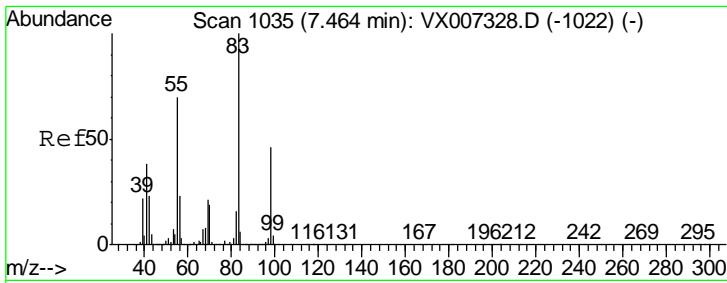


#38  
 Carbon Tetrachloride  
 Concen: 52.043 ug/l  
 RT: 5.78 min Scan# 759  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion: 117 Resp: 303024

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.3	112.9
121	30.6	25.0	37.4





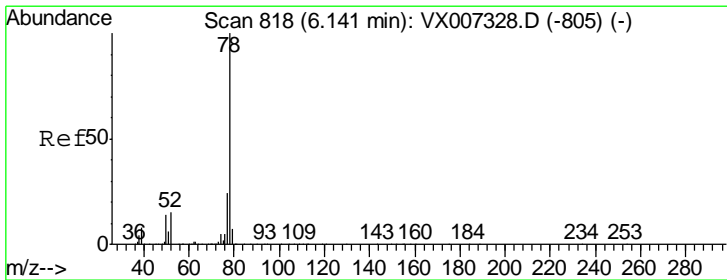
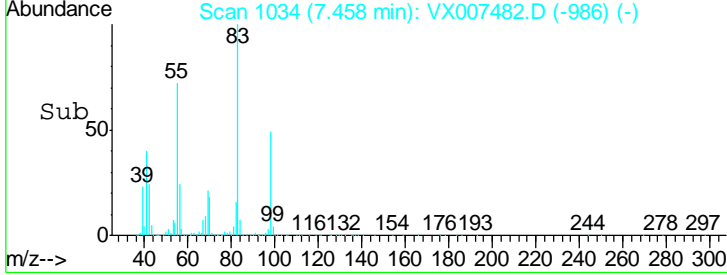
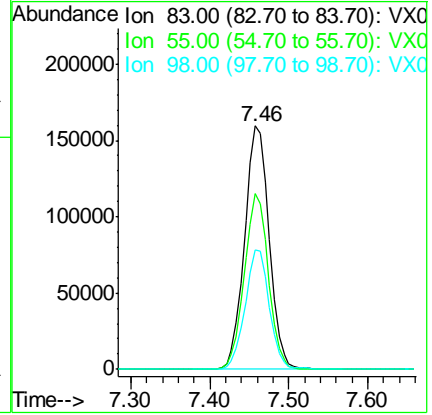
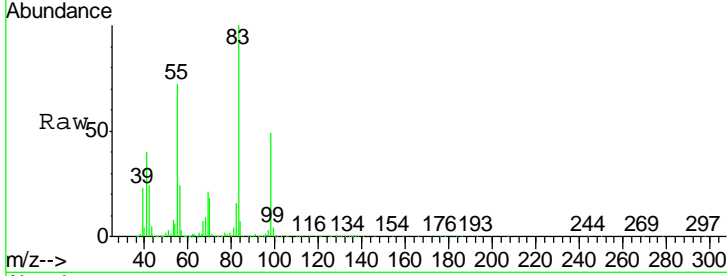
#39  
 Methylcyclohexane  
 Concen: 47.619 ug/l  
 RT: 7.46 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	345783		
55	72.0	56.2	84.2
98	48.9	36.8	55.2

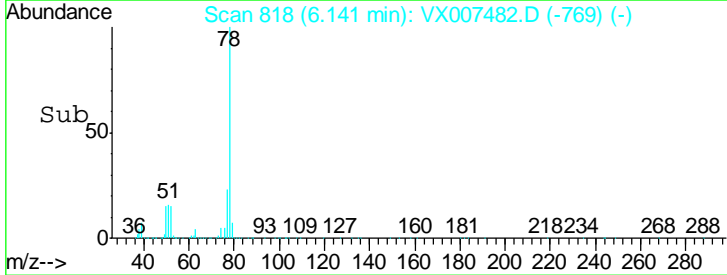
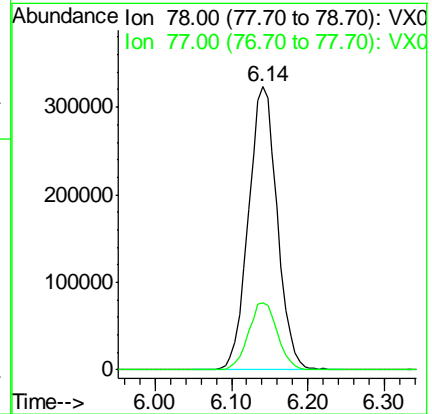
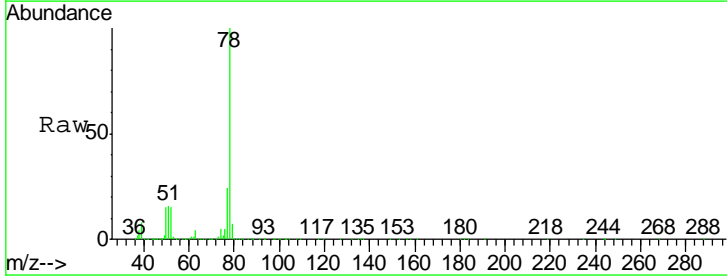
Manual Integrations  
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MMDadoda  
 2/13/2019 11:58:14 AM

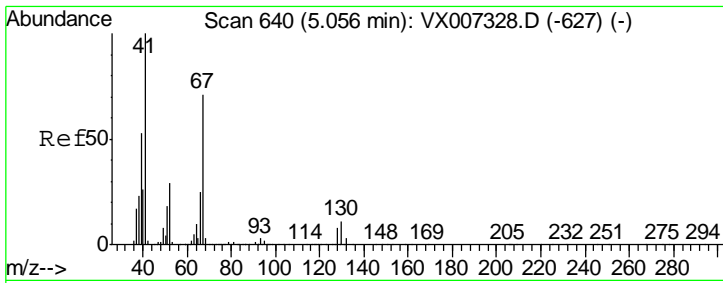


#40  
 Benzene  
 Concen: 47.688 ug/l  
 RT: 6.14 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
78	843079		
77	23.6	19.3	28.9







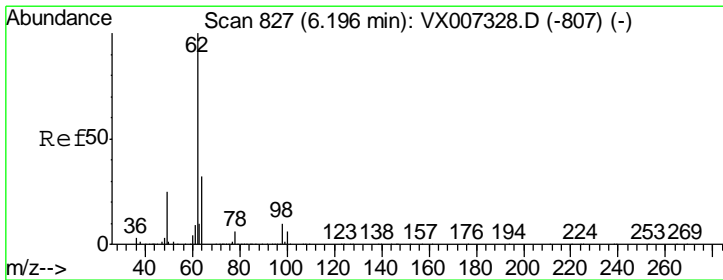
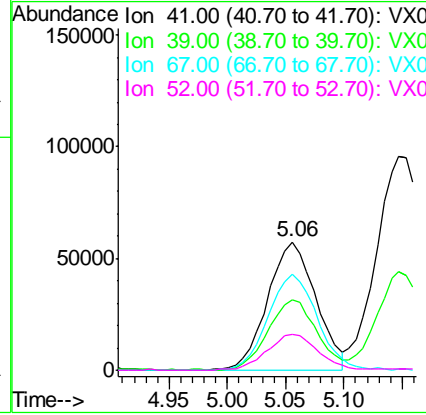
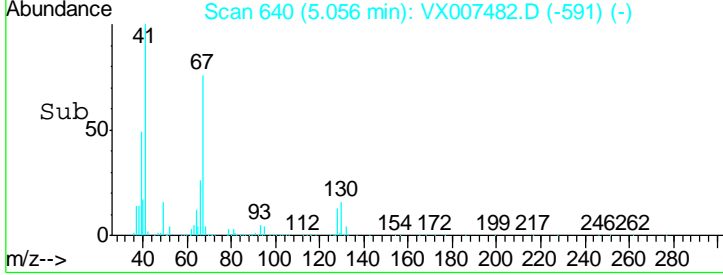
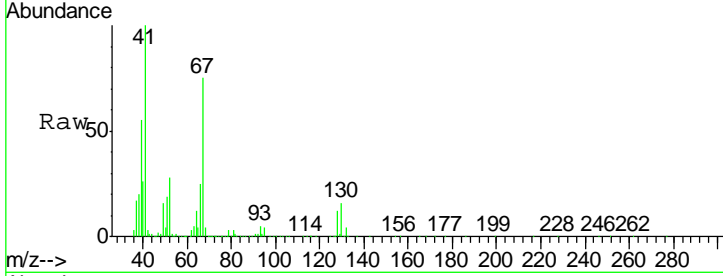
#41  
 Methacrylonitrile  
 Concen: 50.471 ug/l  
 RT: 5.06 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
41	164113		
39	54.8	44.5	66.7
67	77.3	60.4	90.6
52	29.7	24.1	36.1

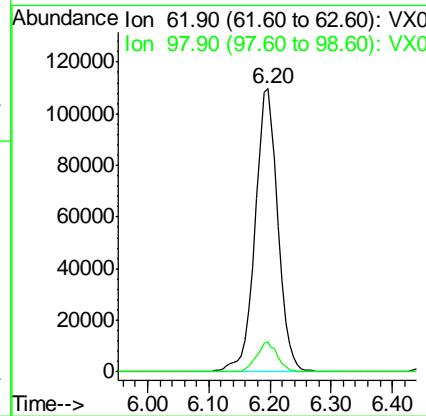
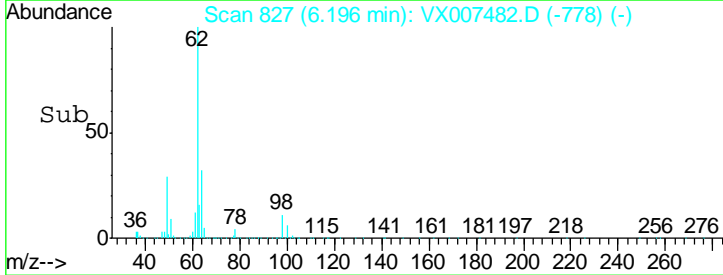
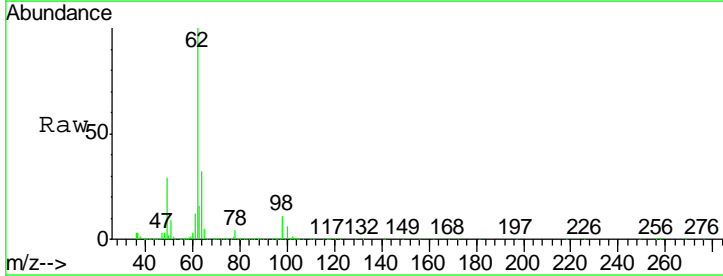
Manual Integrations  
 APPROVED

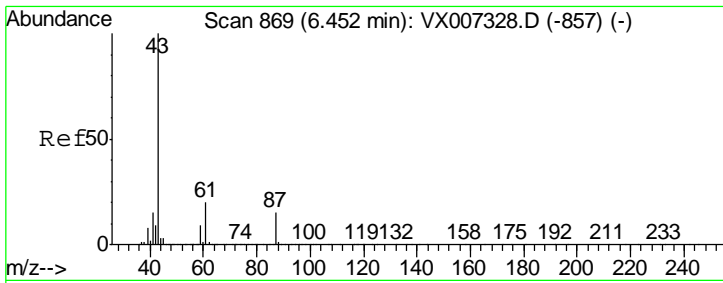
MMDadoda  
 2/13/2019 11:58:14 AM



#42  
 1,2-Dichloroethane  
 Concen: 46.889 ug/l  
 RT: 6.20 min Scan# 827  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
62	286814		
98	9.9	0.0	19.0





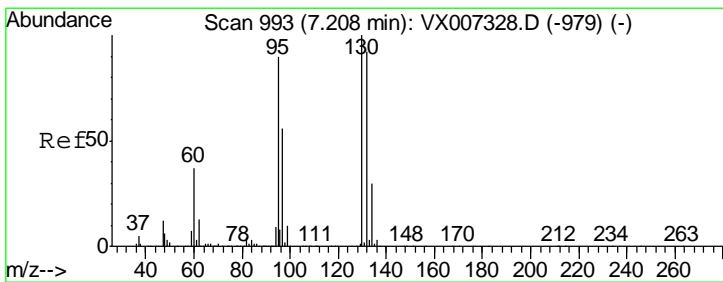
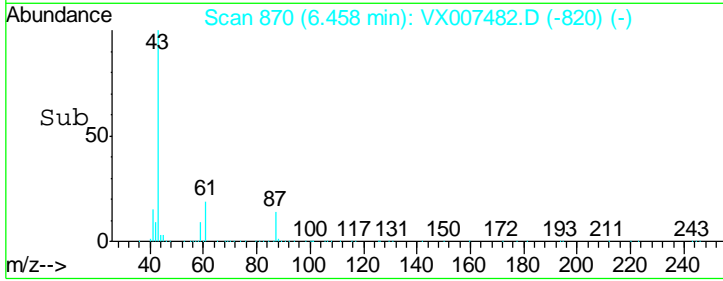
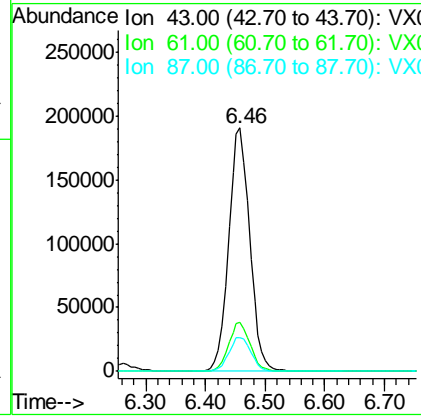
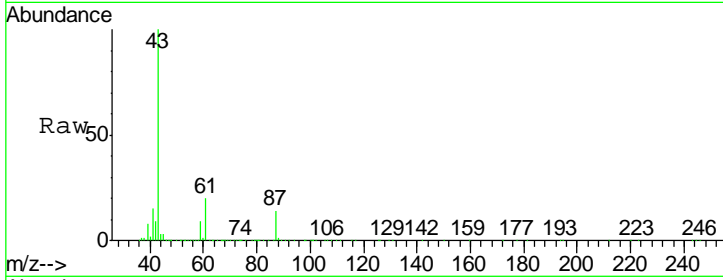
#43  
 Isopropyl Acetate  
 Concen: 50.008 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VX007482.D  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	14.6	11.5	17.3

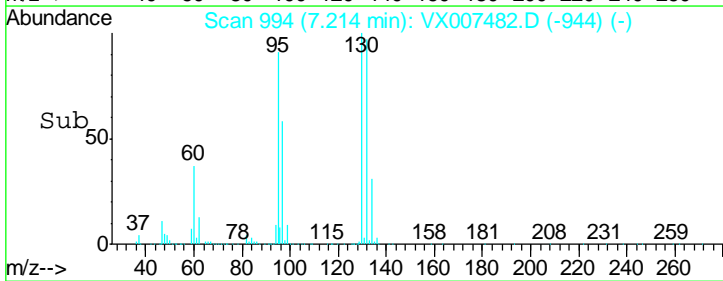
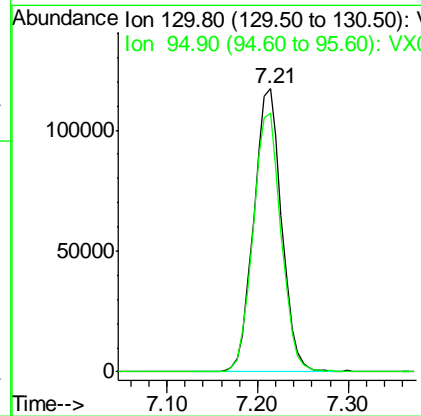
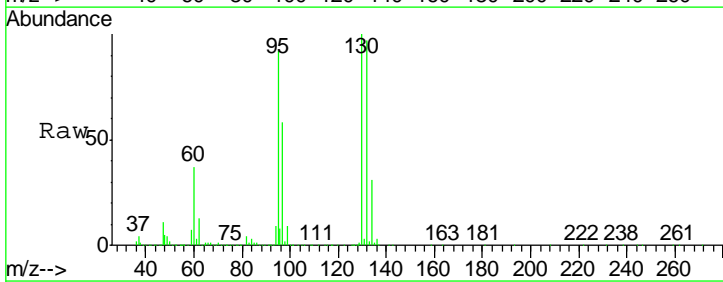
Manual Integrations  
 APPROVED

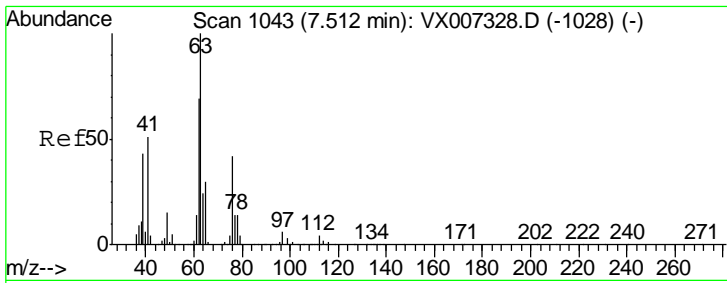
MMDadoda  
 2/13/2019 11:58:14 AM



#44  
 Trichloroethene  
 Concen: 46.627 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
130	100		
95	91.6	0.0	180.0





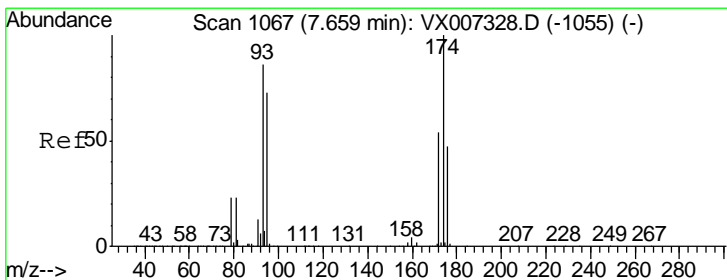
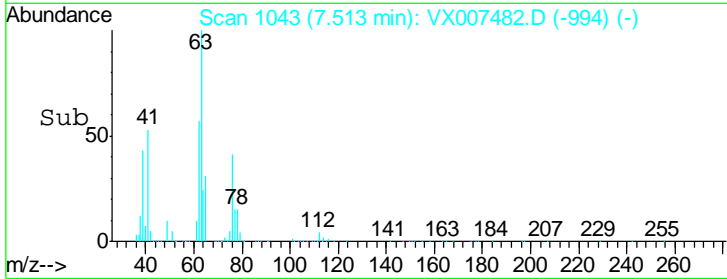
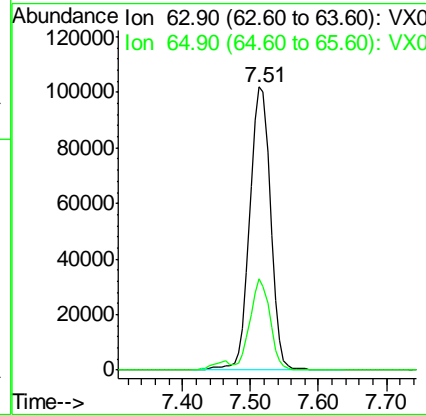
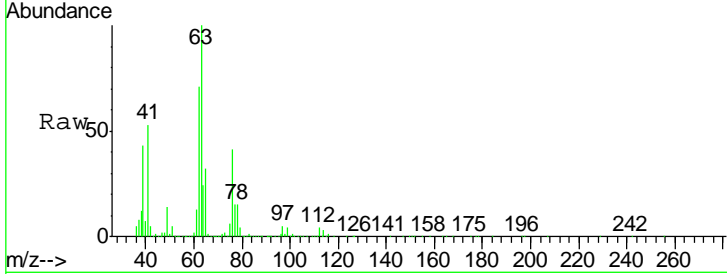
#45  
 1,2-Dichloropropane  
 Concen: 48.892 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
63	100		
65	32.0	24.2	36.2

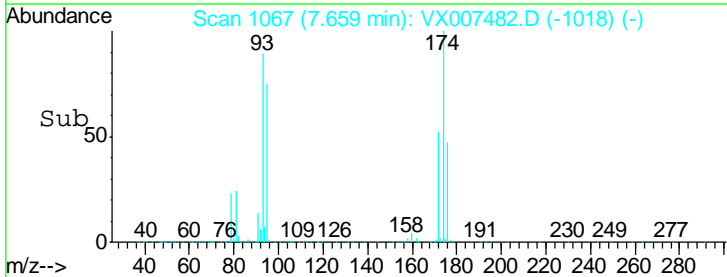
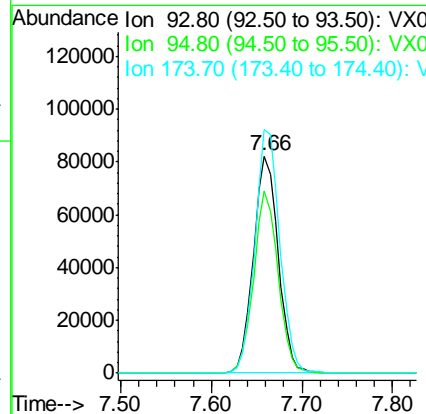
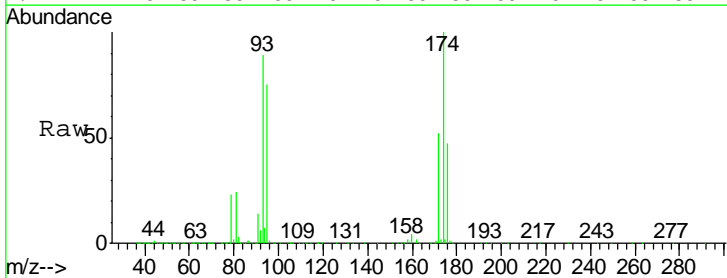
Manual Integrations  
 APPROVED

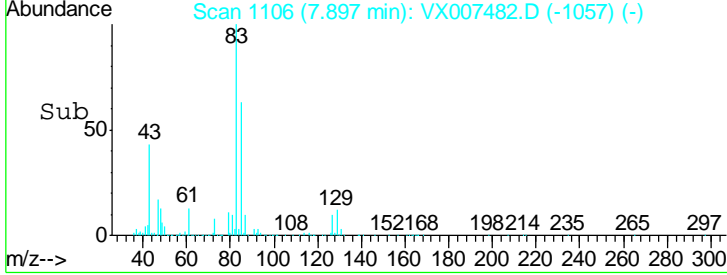
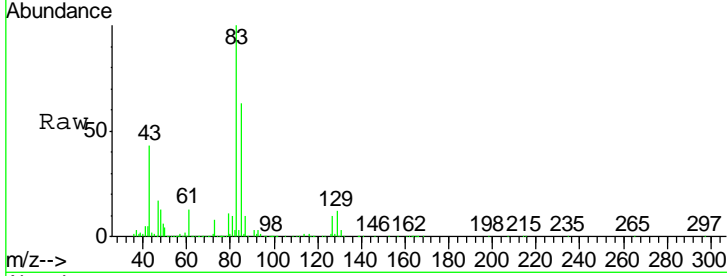
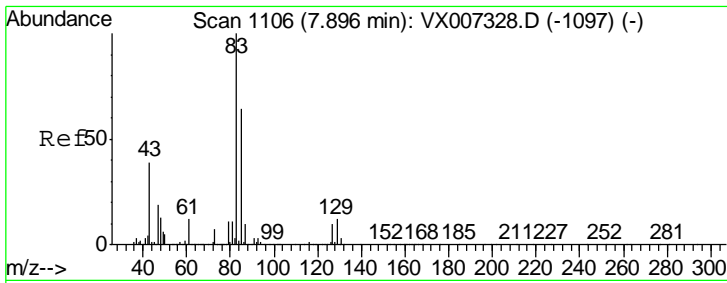
MMDadoda  
 2/13/2019 11:58:14 AM



#46  
 Dibromomethane  
 Concen: 48.471 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
93	100		
95	82.4	67.6	101.4
174	112.6	94.2	141.4



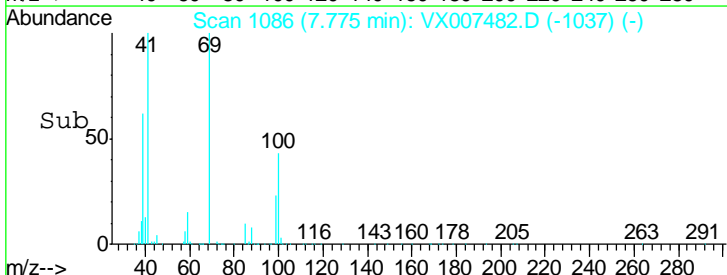
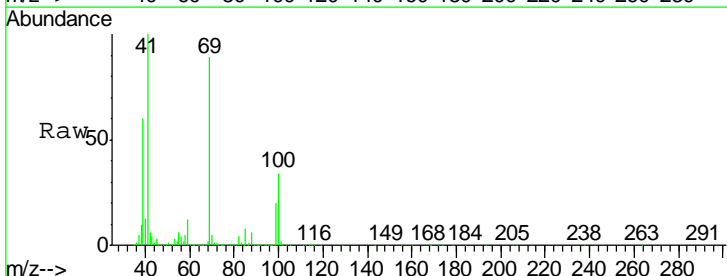
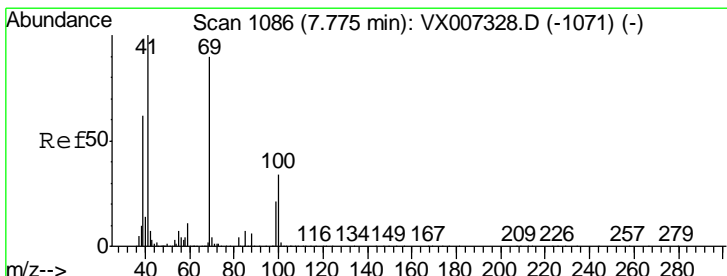
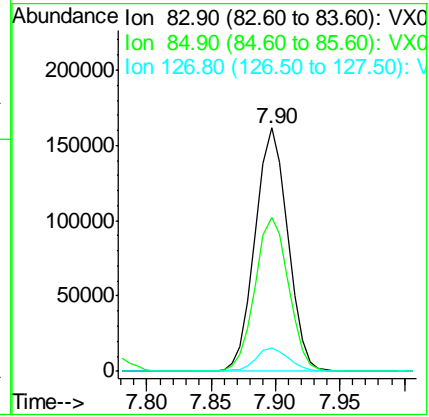


#47  
 Bromodichloromethane  
 Concen: 52.019 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
83	100		
85	63.1	51.4	77.0
127	9.6	8.1	12.1

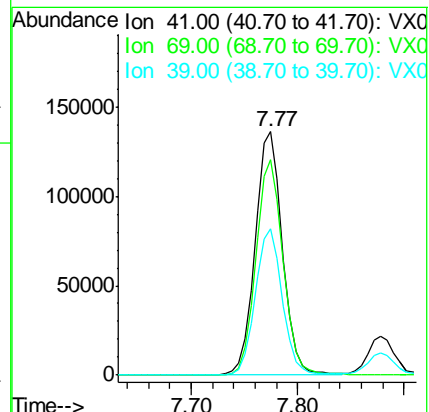
Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

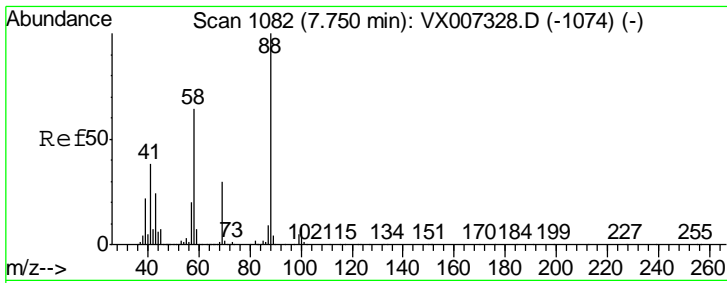
Manual Integrations APPROVED  
 MMDadoda  
 2/13/2019 11:58:14 AM



#48  
 Methyl methacrylate  
 Concen: 51.835 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
41	100		
69	88.8	70.2	105.4
39	59.5	47.4	71.0



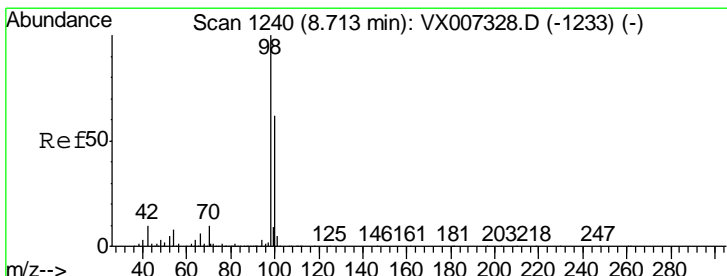
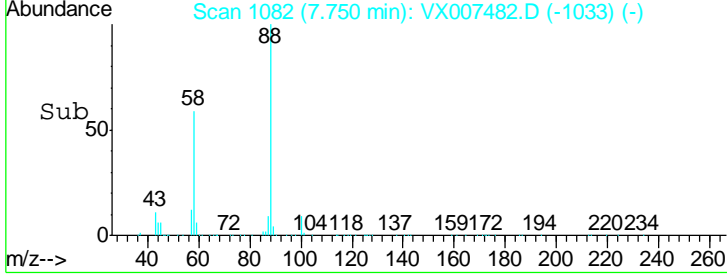
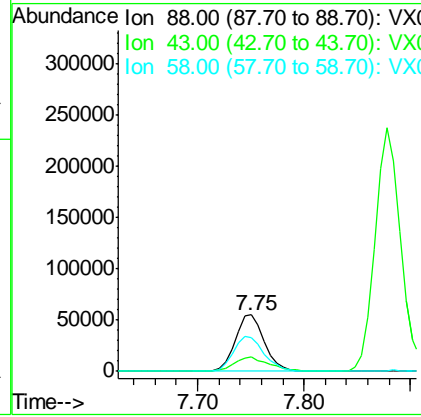
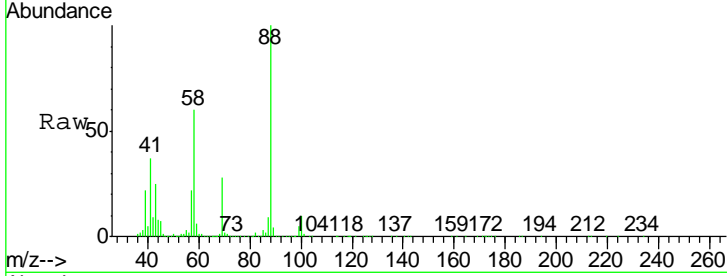


#49  
 1,4-Dioxane  
 Concen: 992.584 ug/l  
 RT: 7.75 min Scan# 1082  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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

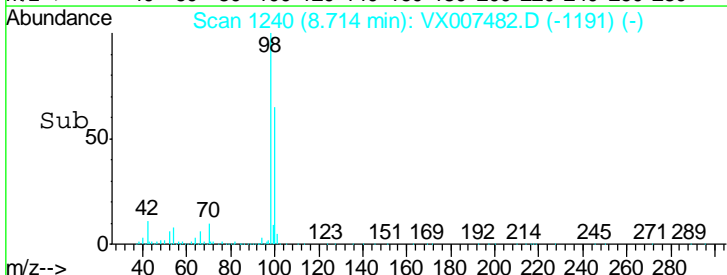
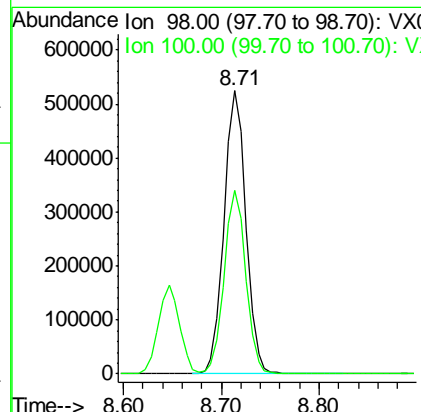
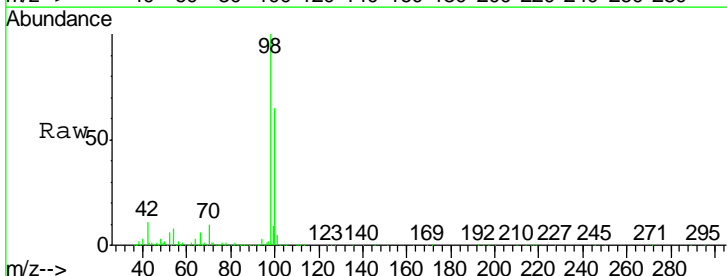
Tgt Ion	Resp	Lower	Upper
88	105729		
43	29.8	24.2	36.4
58	65.4	53.0	79.4

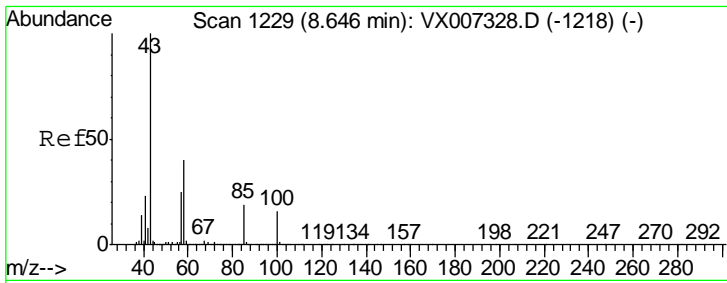
**Manual Integrations**  
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#50  
 Toluene-d8  
 Concen: 50.443 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
98	814545		
100	64.4	51.6	77.4





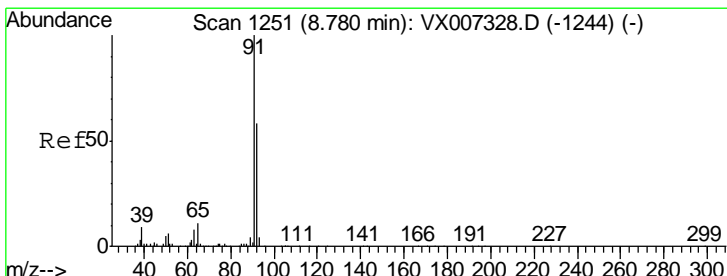
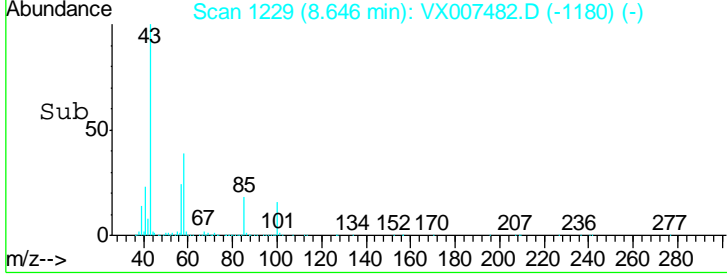
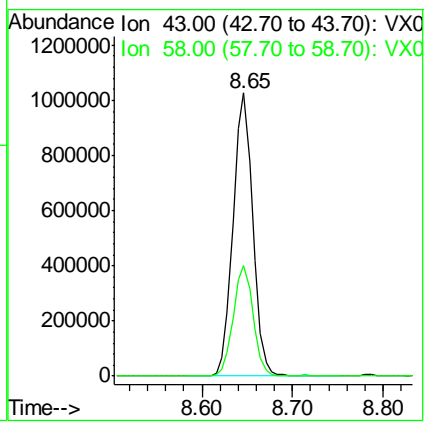
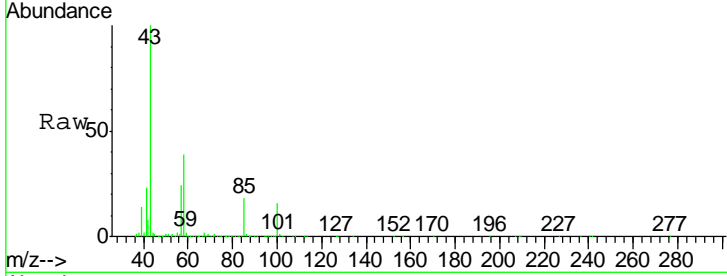
#51  
 4-Methyl-2-Pentanone  
 Concen: 252.032 ug/l  
 RT: 8.65 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1553696

Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.2	46.8

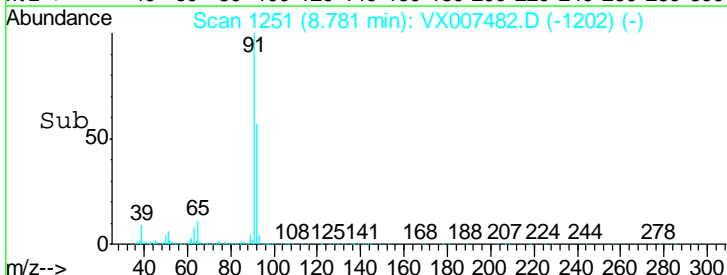
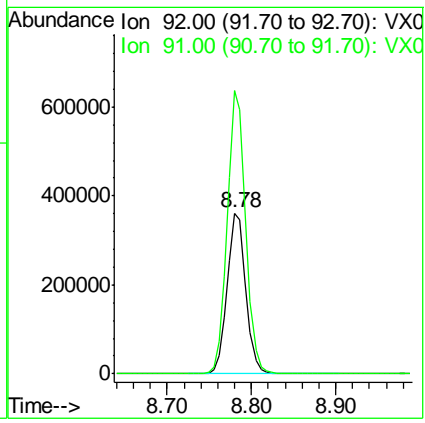
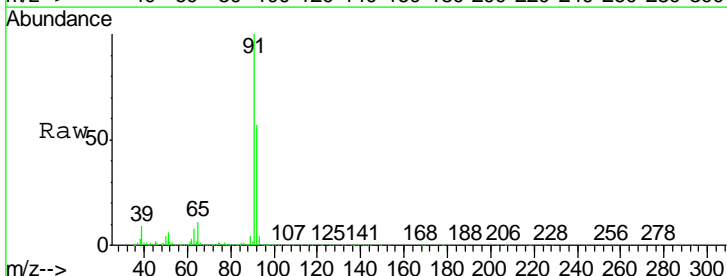
Manual Integrations  
**APPROVED**  
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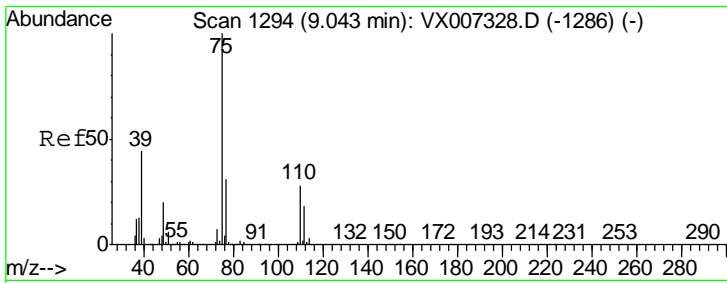


#52  
 Toluene  
 Concen: 48.038 ug/l  
 RT: 8.78 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion: 92 Resp: 547941

Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.1	208.7



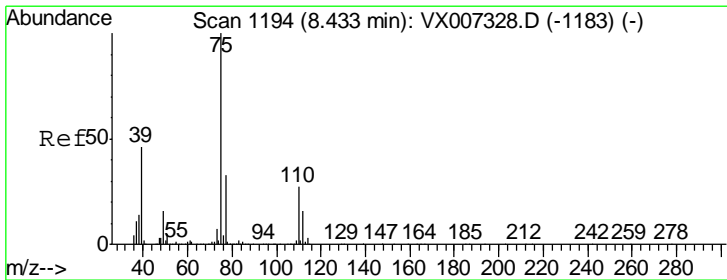
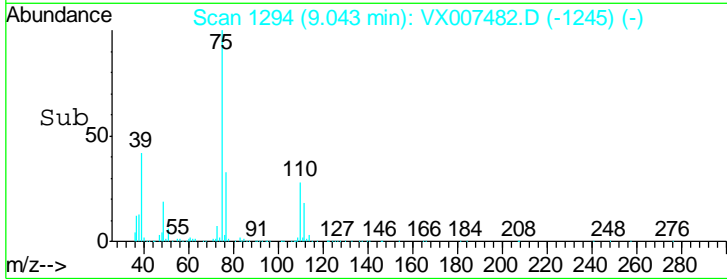
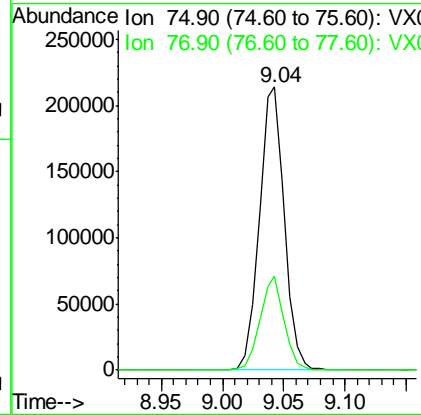
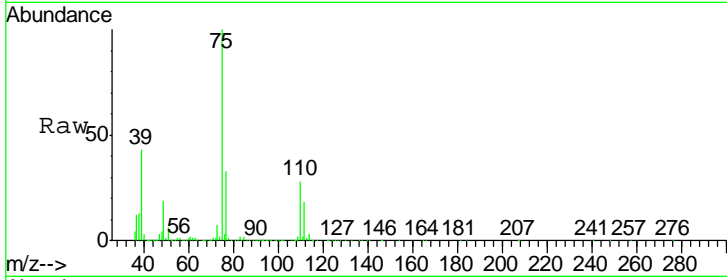


#53  
 t-1,3-Dichloropropene  
 Concen: 51.914 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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

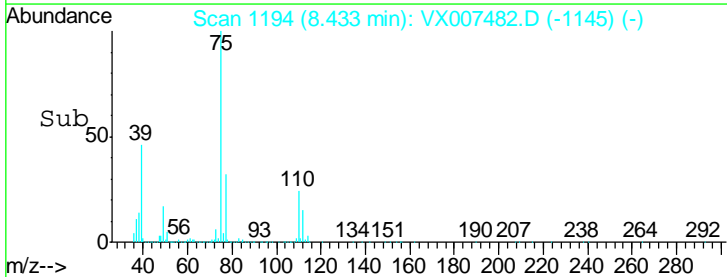
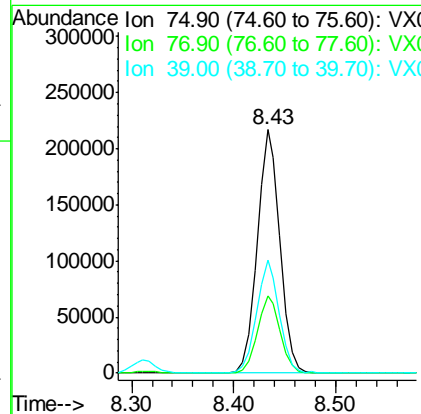
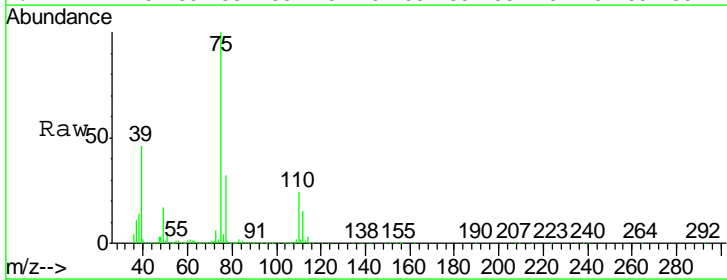
Tgt Ion	Resp	Lower	Upper
75	100		
77	33.3	25.2	37.8

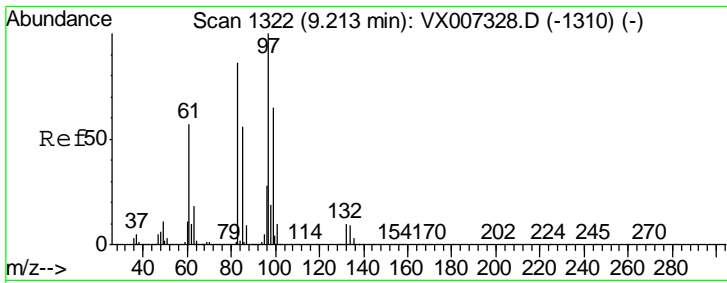
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 2/13/2019 11:58:14 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.208 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

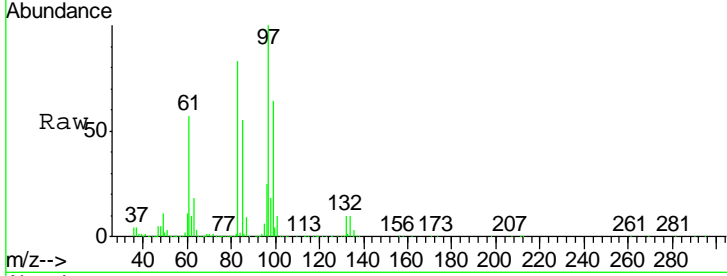
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.5	26.2	39.4
39	46.2	37.1	55.7





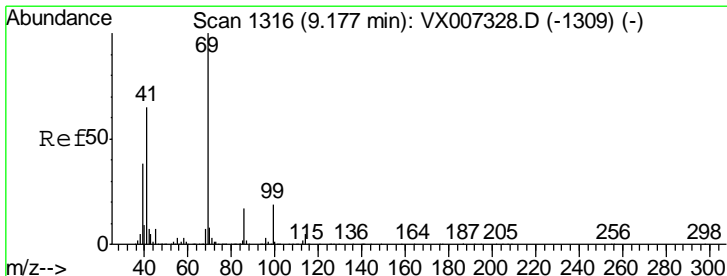
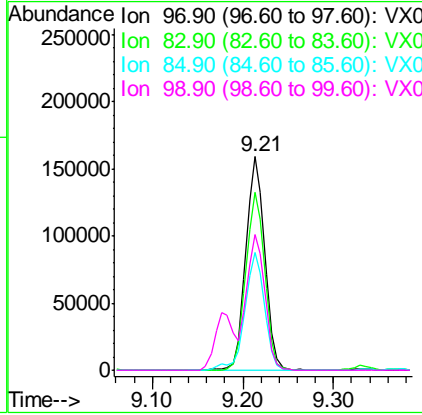
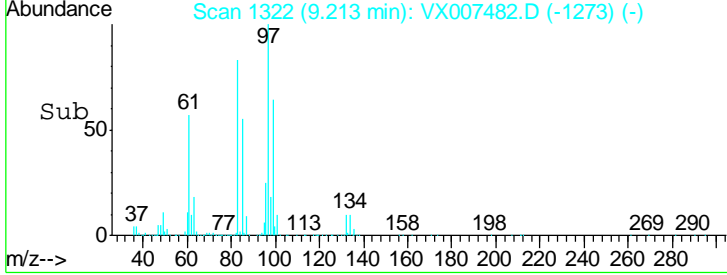
#55  
 1,1,2-Trichloroethane  
 Concen: 48.546 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

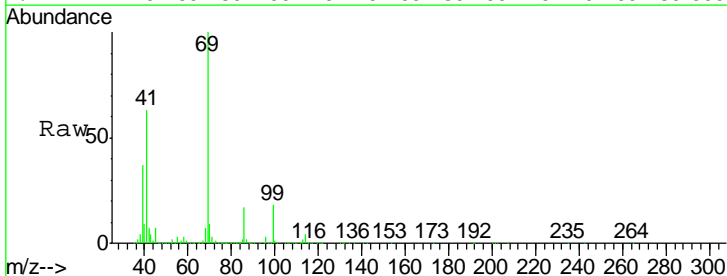


Tgt Ion	Resp	Lower	Upper
97	100		
83	83.3	68.6	102.8
85	54.7	44.5	66.7
99	63.7	52.2	78.4

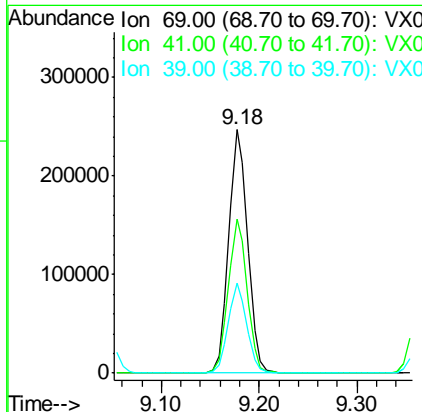
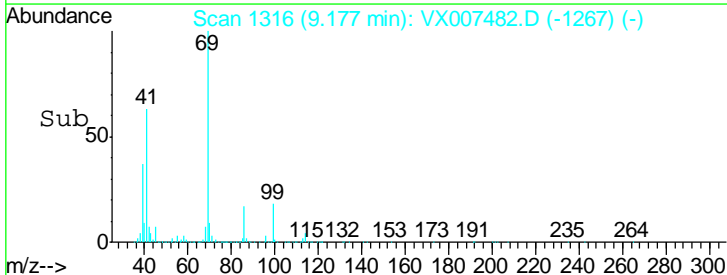
Manual Integrations  
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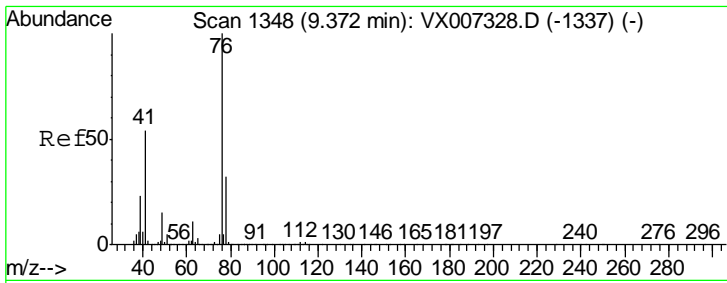
#56  
 Ethyl methacrylate  
 Concen: 50.387 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53



Tgt Ion	Resp	Lower	Upper
69	100		
41	62.8	52.1	78.1
39	36.4	30.1	45.1







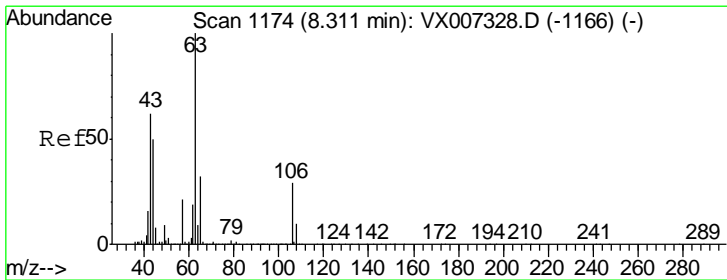
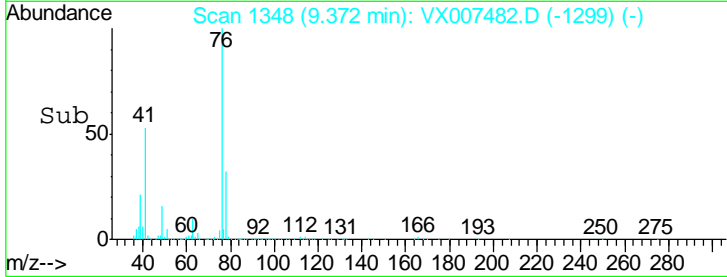
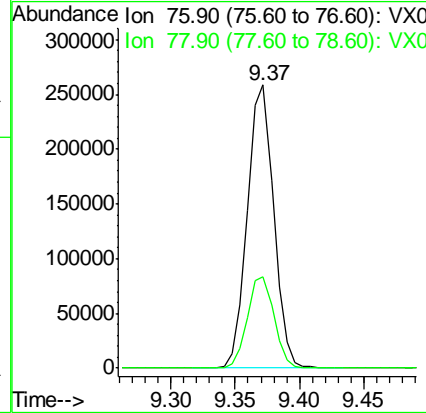
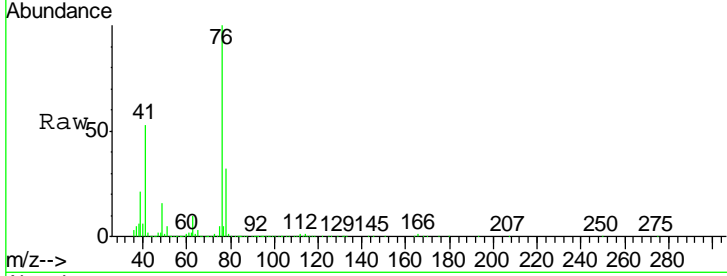
#57  
 1,3-Dichloropropane  
 Concen: 48.101 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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

Tgt Ion	Resp	Lower	Upper
76	100		
78	33.0	25.8	38.8

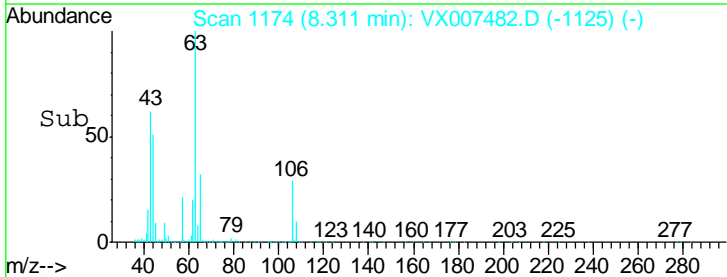
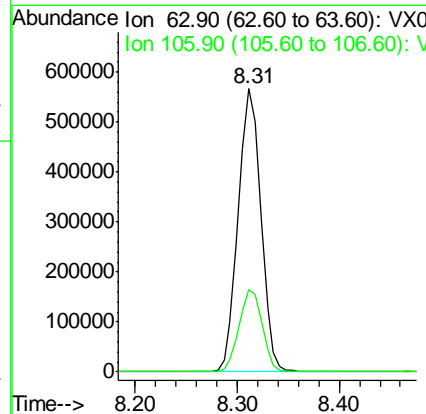
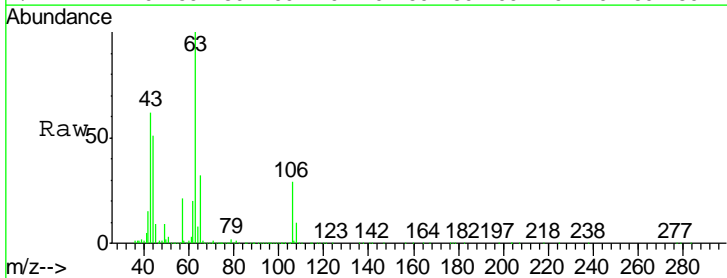
**Manual Integrations**  
**APPROVED**

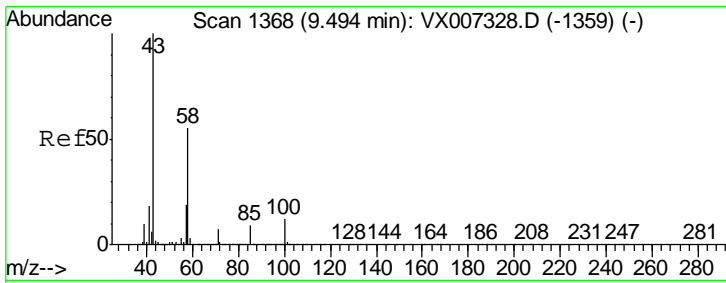
MMDadoda  
 2/13/2019 11:58:14 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 250.197 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
63	100		
106	29.8	23.6	35.4



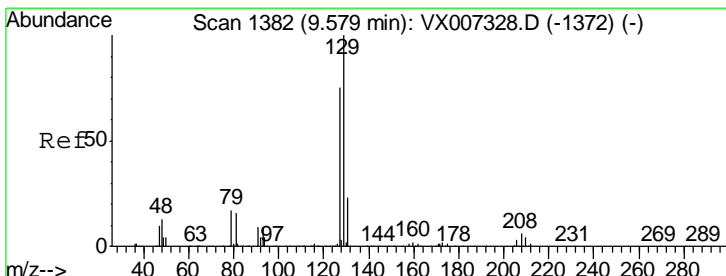
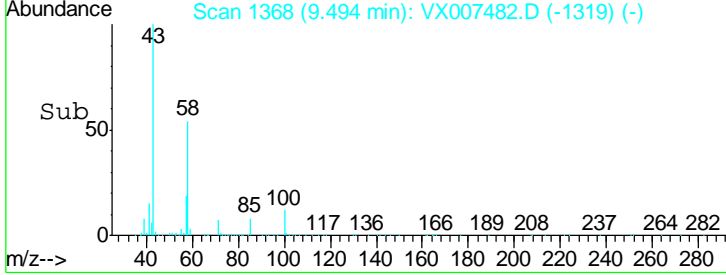
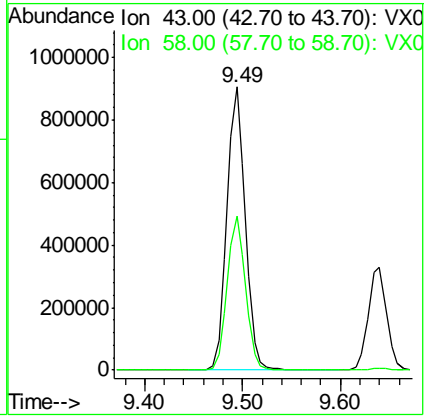
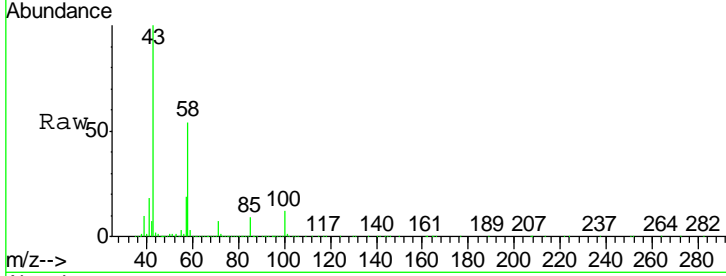


#59  
 2-Hexanone  
 Concen: 245.902 ug/l  
 RT: 9.49 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

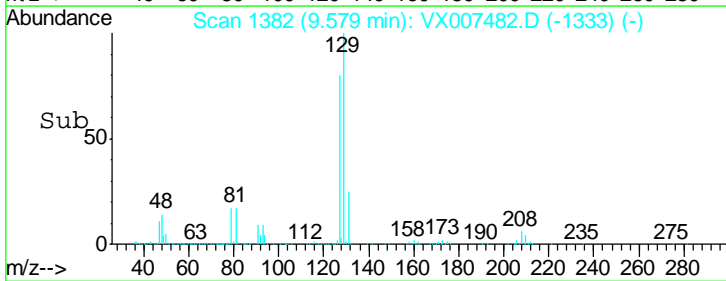
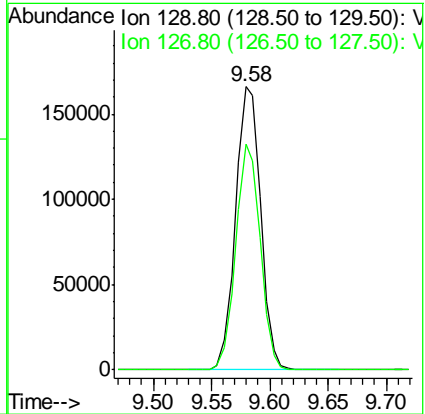
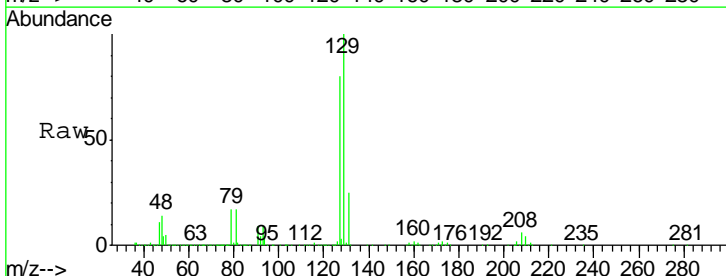
Tgt Ion	Resp	Lower	Upper
43	100		
58	54.6	27.1	81.3

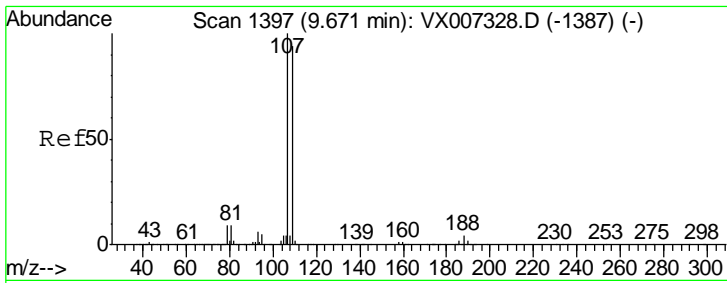
Manual Integrations  
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#60  
 Dibromochloromethane  
 Concen: 55.555 ug/l  
 RT: 9.58 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
129	100		
127	77.9	37.8	113.4





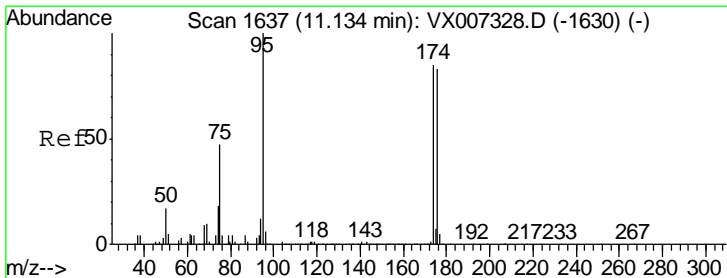
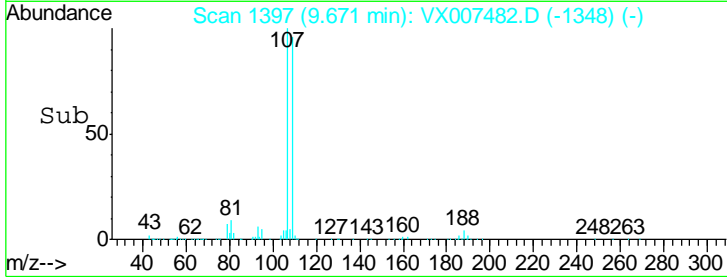
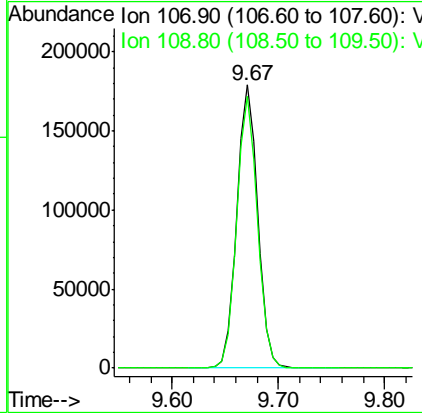
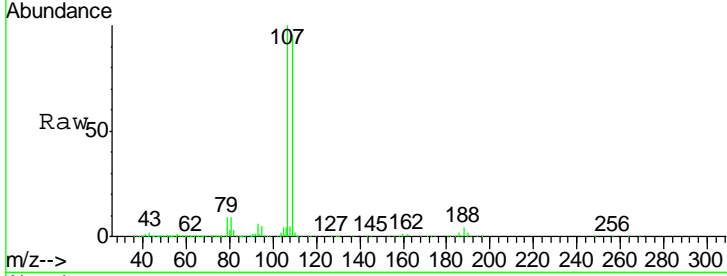
#61  
 1,2-Dibromoethane  
 Concen: 49.193 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

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

Tgt Ion	Resp	Lower	Upper
107	100		
109	95.2	75.1	112.7

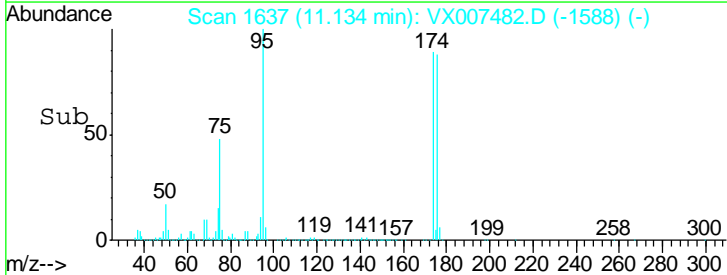
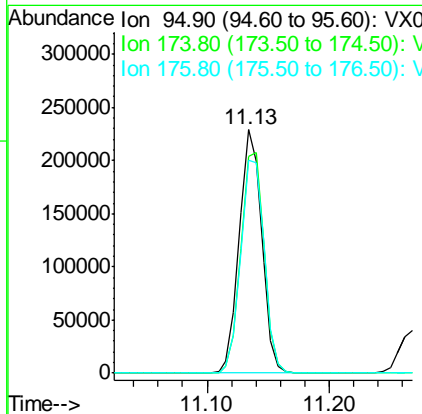
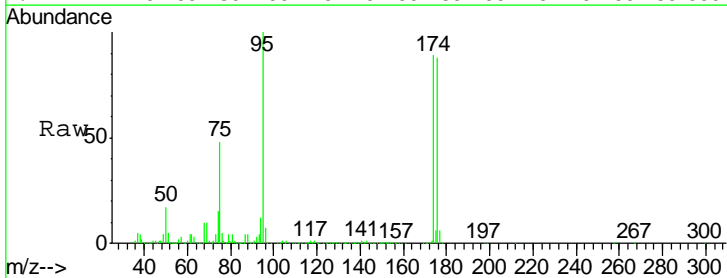
**Manual Integrations**  
**APPROVED**

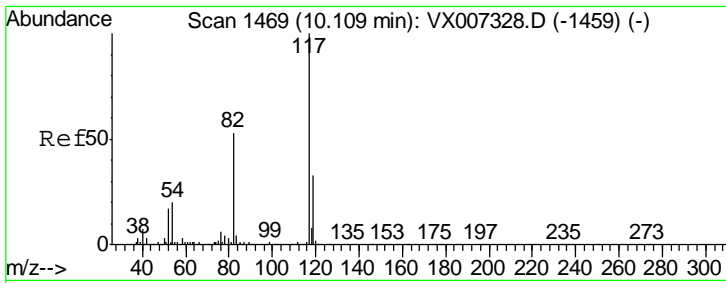
MMDadoda  
 2/13/2019 11:58:14 AM



#62  
 4-Bromofluorobenzene  
 Concen: 49.159 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
95	100		
174	94.2	0.0	189.2
176	92.4	0.0	186.2





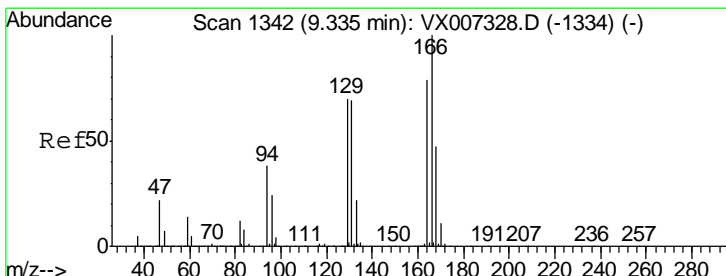
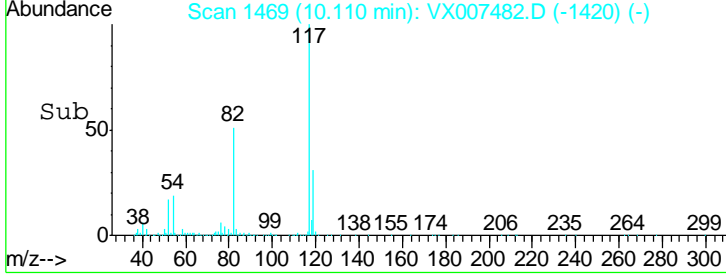
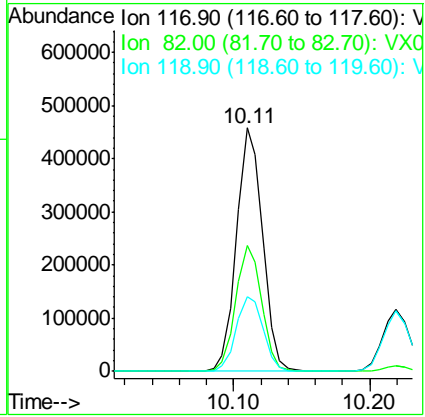
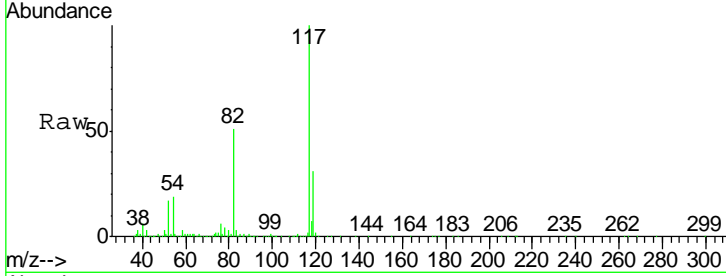
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.11 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
117	610727		
82	51.4	42.1	63.1
119	30.8	26.5	39.7

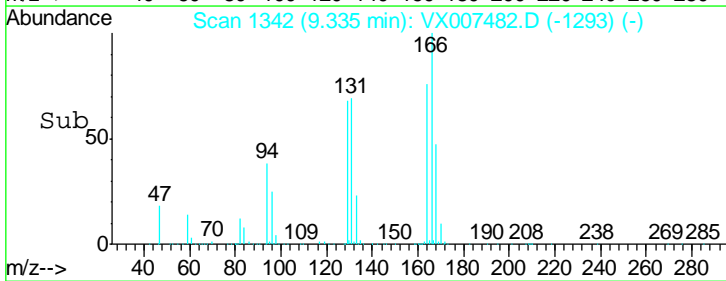
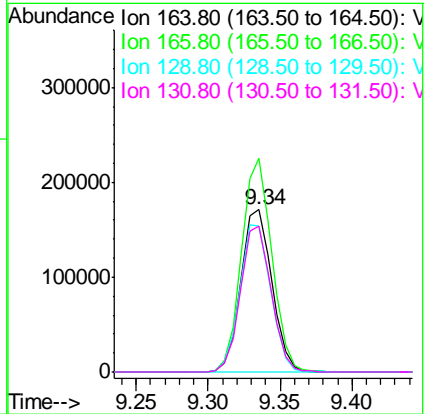
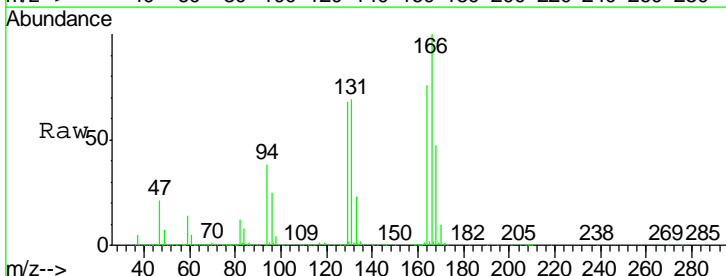
Manual Integrations  
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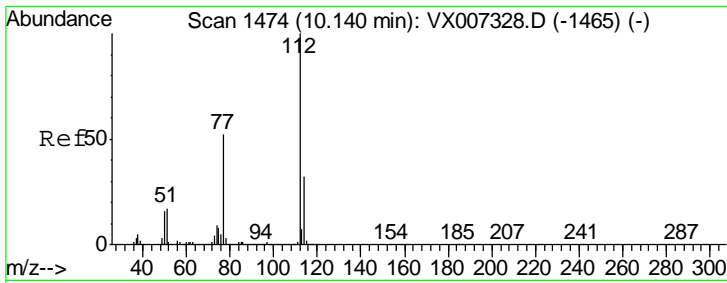
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 2/13/2019 11:58:14 AM



#64  
 Tetrachloroethene  
 Concen: 44.429 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
164	255746		
166	131.5	101.0	151.4
129	89.9	70.5	105.7
131	90.2	69.8	104.6





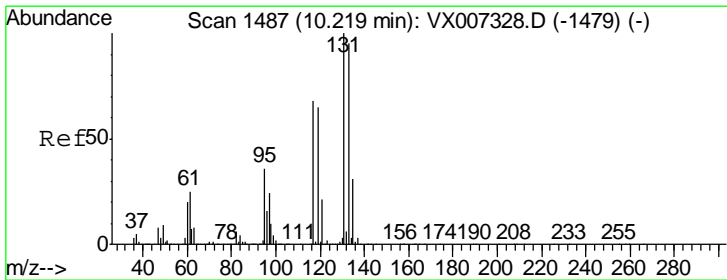
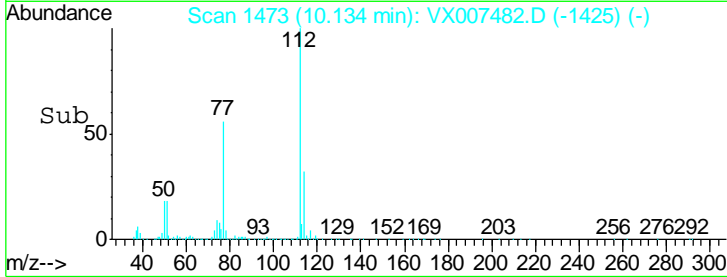
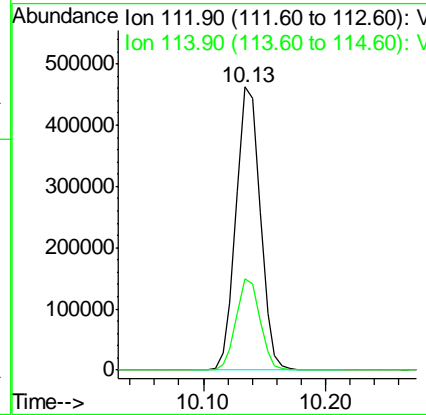
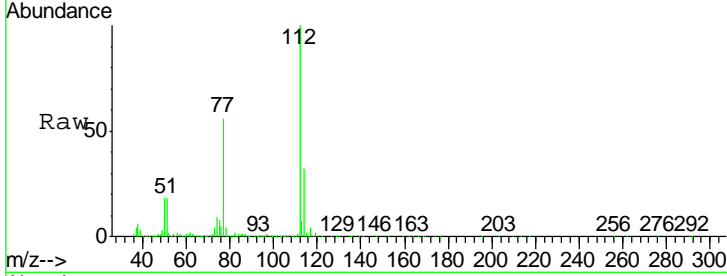
#65  
 Chlorobenzene  
 Concen: 47.398 ug/l  
 RT: 10.13 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
112	631677		
114	32.1	25.8	38.6

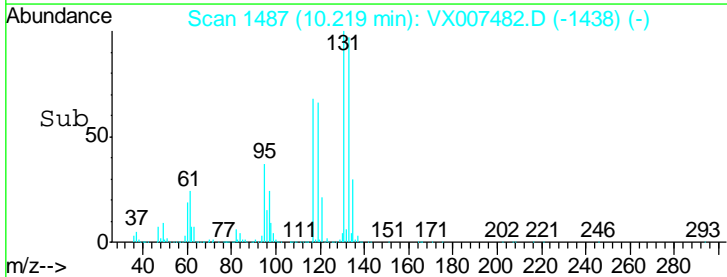
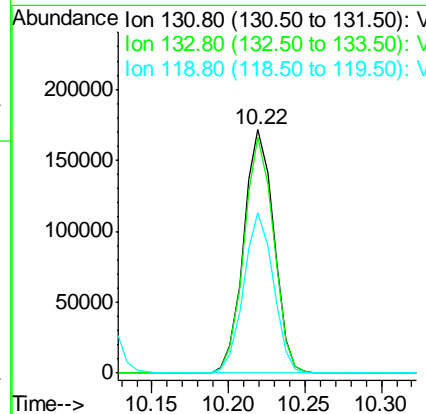
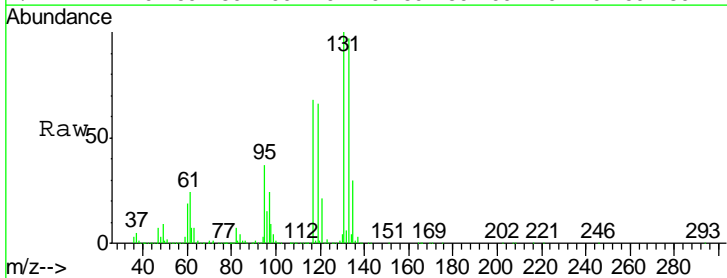
Manual Integrations  
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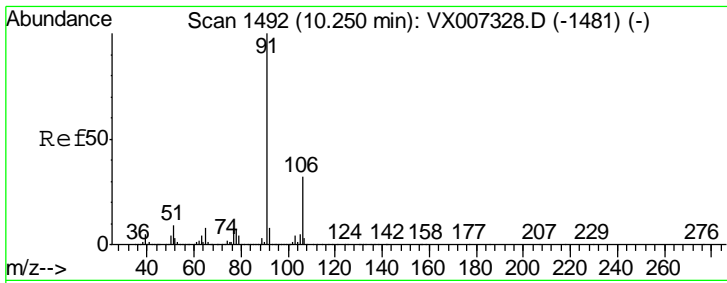
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 52.657 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
131	235282		
133	95.3	48.0	144.2
119	65.1	32.0	96.0





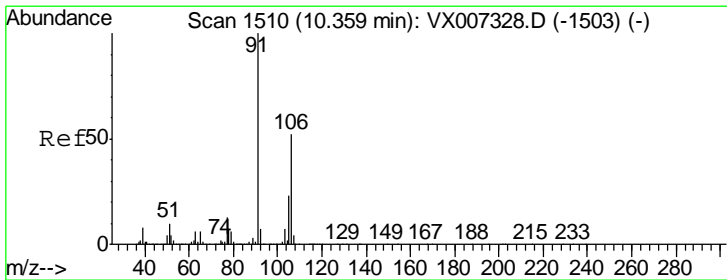
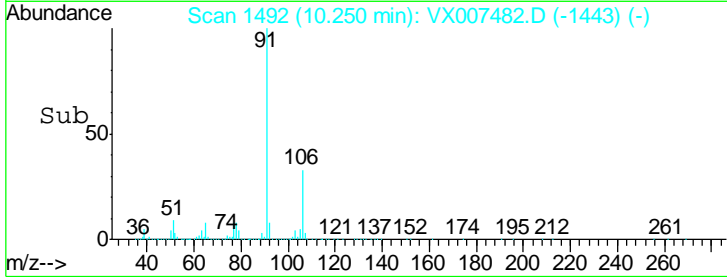
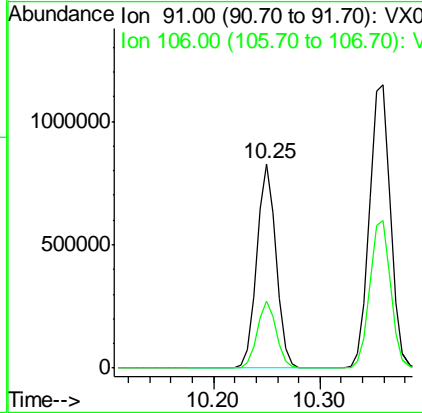
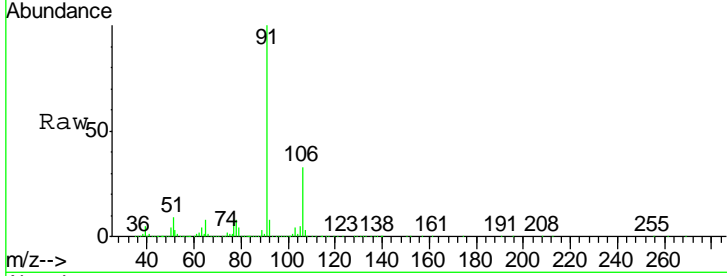
#67  
 Ethyl Benzene  
 Concen: 48.838 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	1048153		
106	32.6	25.4	38.0

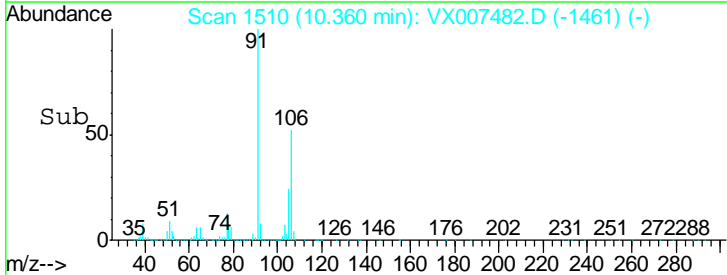
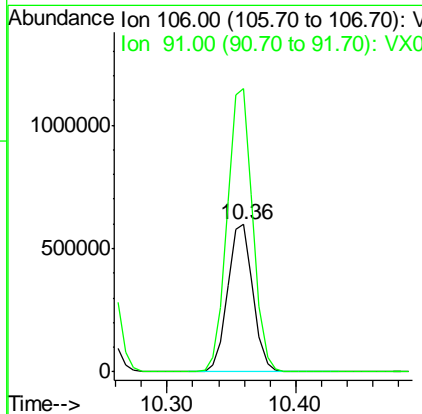
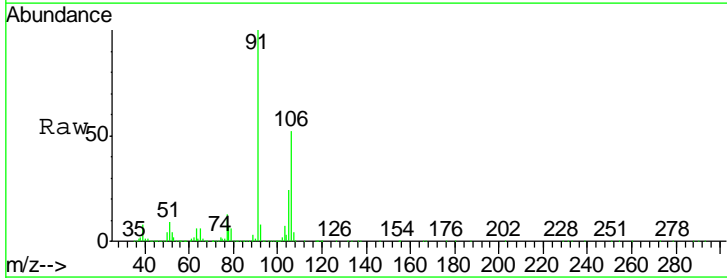
Manual Integrations  
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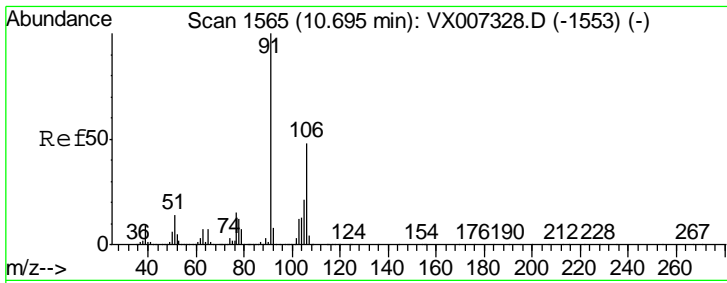
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 2/13/2019 11:58:14 AM



#68  
 m/p-Xylenes  
 Concen: 96.137 ug/l  
 RT: 10.36 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
106	820183		
91	194.2	156.6	234.8



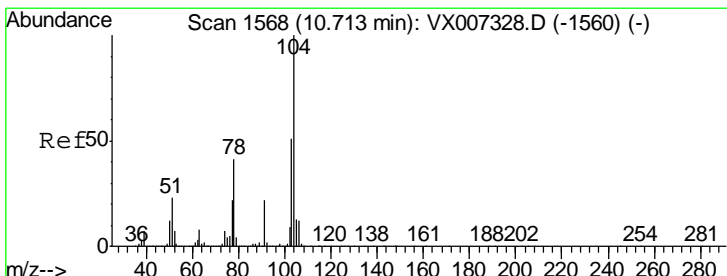
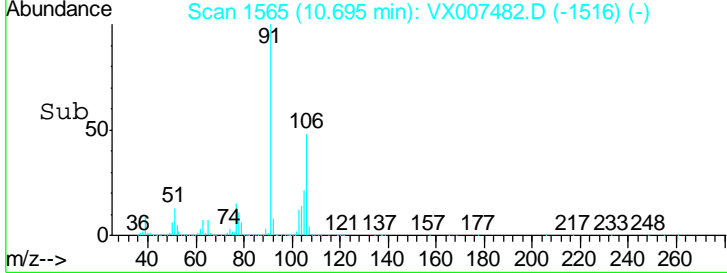
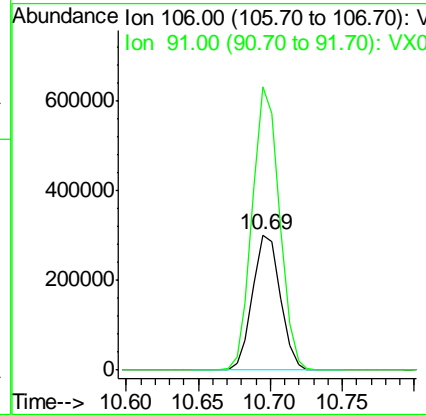
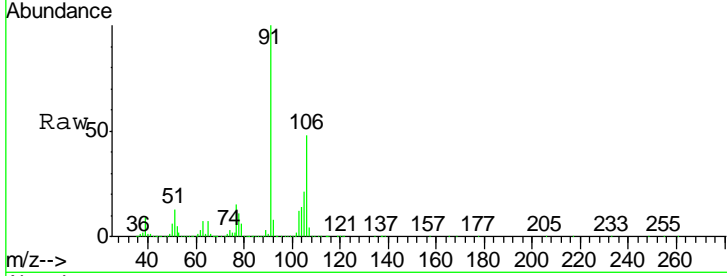


#69  
 o-Xylene  
 Concen: 48.620 ug/l  
 RT: 10.69 min Scan# 1565  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

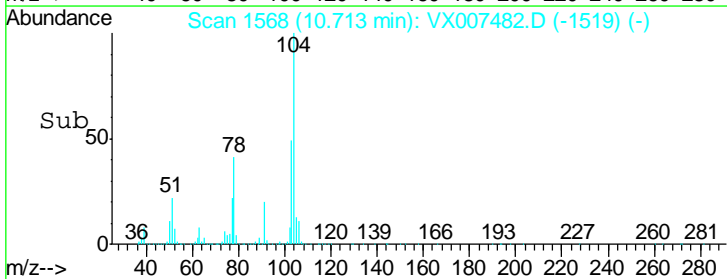
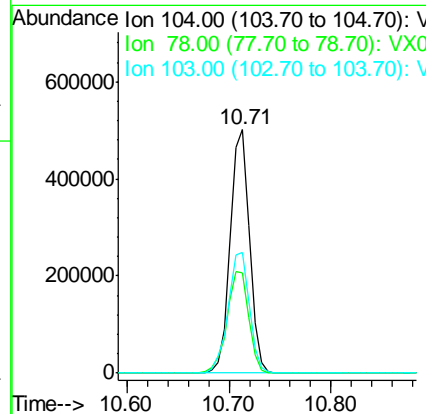
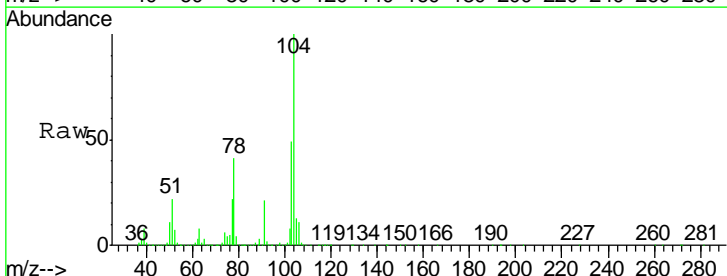
Tgt Ion	Resp	Lower	Upper
106	399138		
106	100		
91	205.4	102.9	308.7

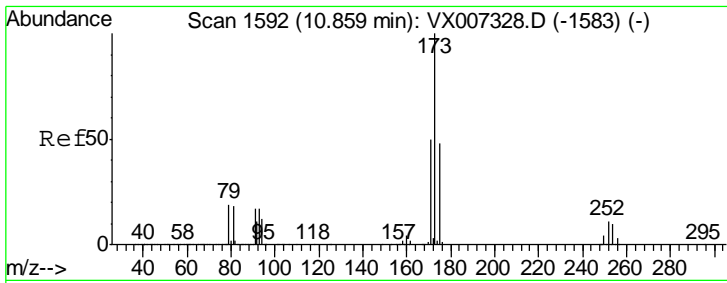
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#70  
 Styrene  
 Concen: 49.191 ug/l  
 RT: 10.71 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
104	654910		
104	100		
78	47.4	38.3	57.5
103	55.4	44.6	67.0





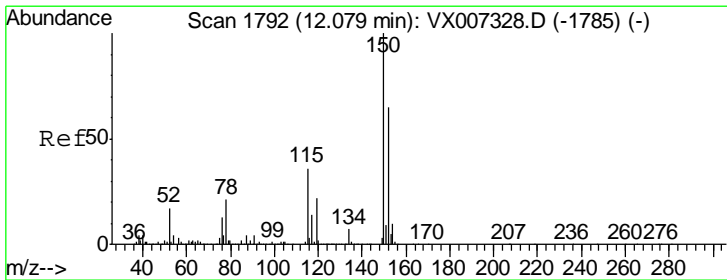
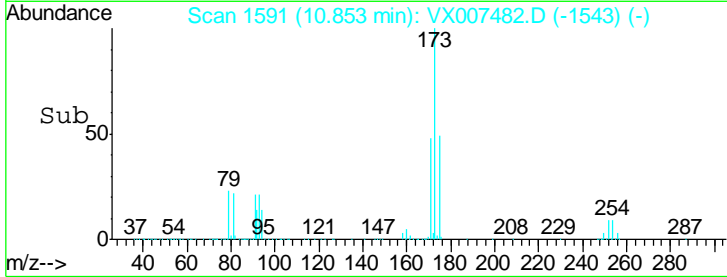
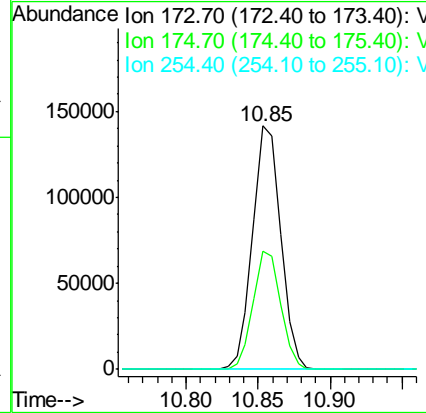
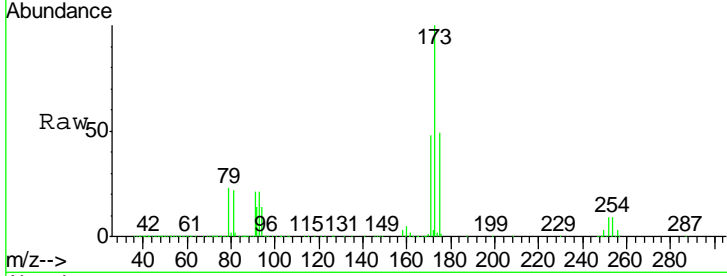
#71  
 Bromoform  
 Concen: 48.852 ug/l  
 RT: 10.85 min Scan# 1591  
 Delta R.T. -0.01 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
173	191056		
175	48.2	24.2	72.6
254	0.2	0.2	0.2

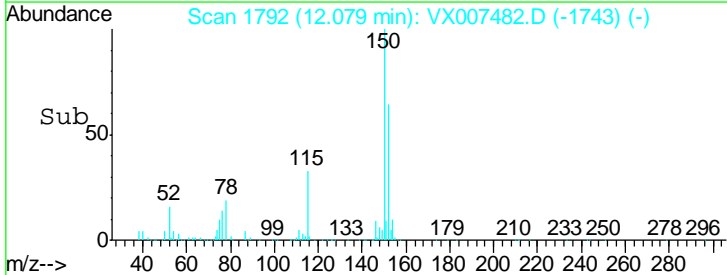
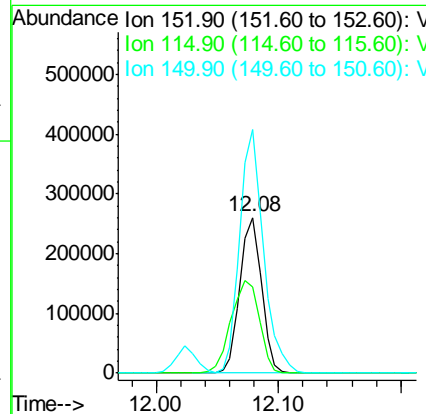
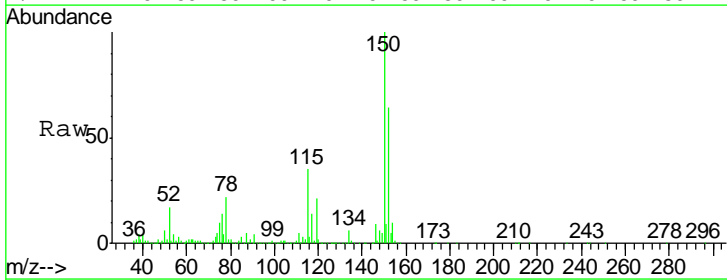
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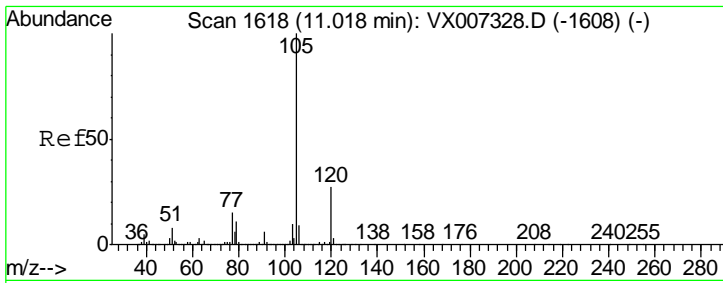


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
152	317719		
152	100		
115	78.2	38.0	114.0
150	171.6	0.0	346.4







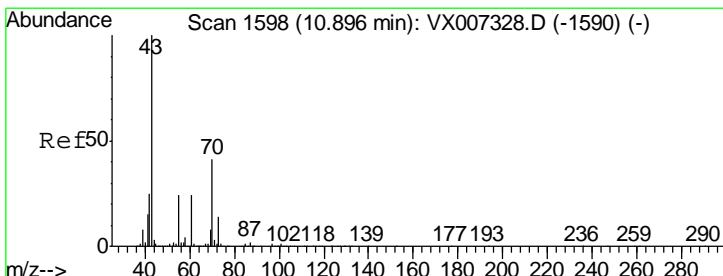
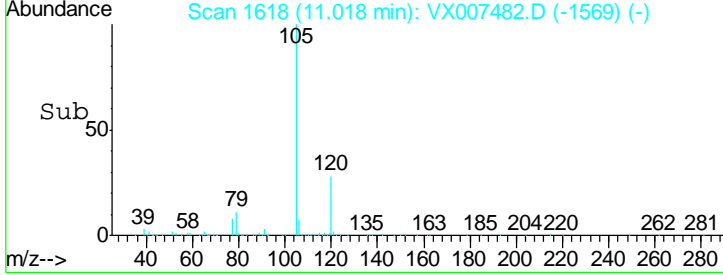
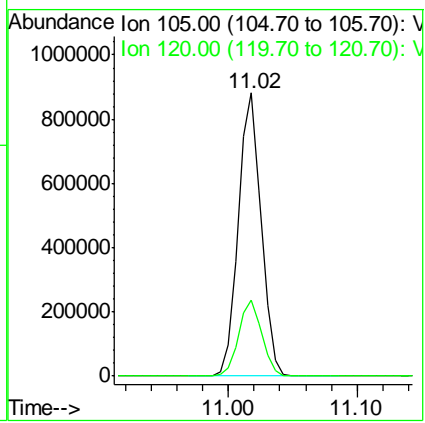
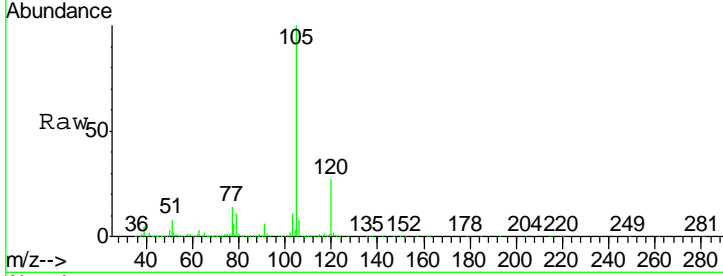
#73  
 Isopropylbenzene  
 Concen: 50.184 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion: 105 Resp: 1083506

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.6	40.7

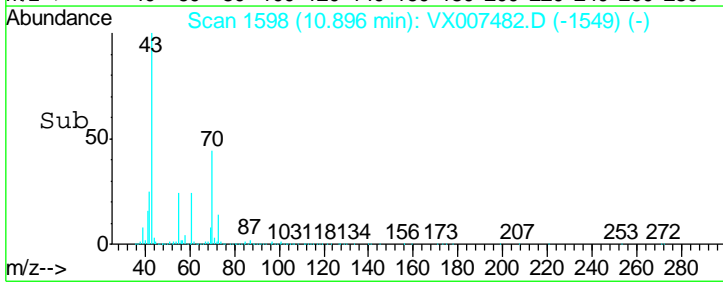
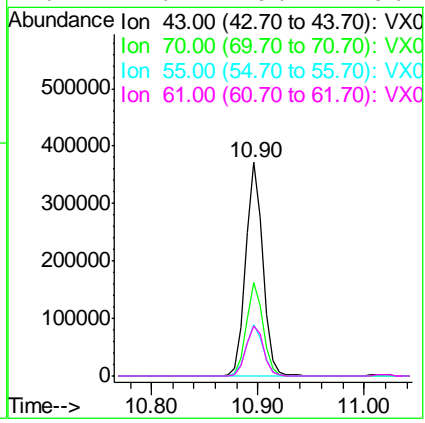
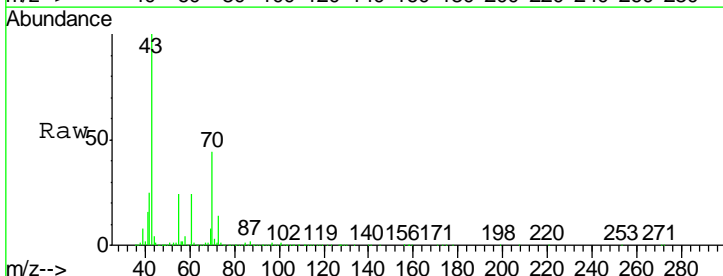
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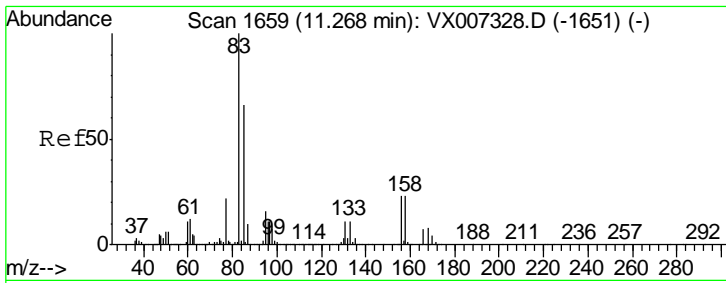


#74  
 N-nyl acetate  
 Concen: 50.097 ug/l  
 RT: 10.90 min Scan# 1598  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion: 43 Resp: 418361

Ion	Ratio	Lower	Upper
43	100		
70	42.7	33.8	50.6
55	24.4	19.5	29.3
61	24.4	19.4	29.2



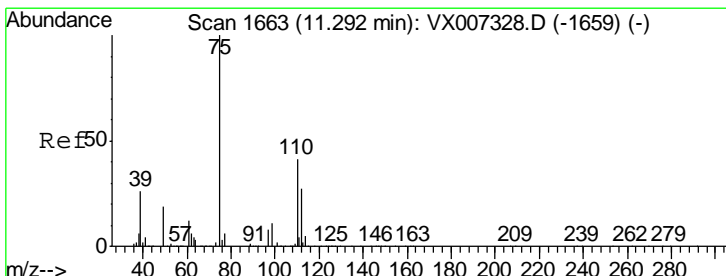
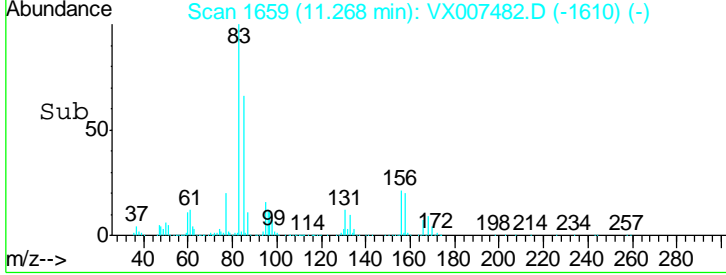
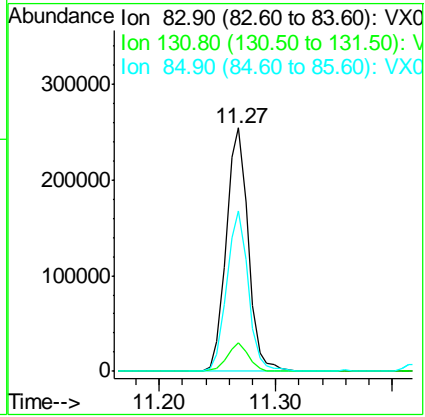
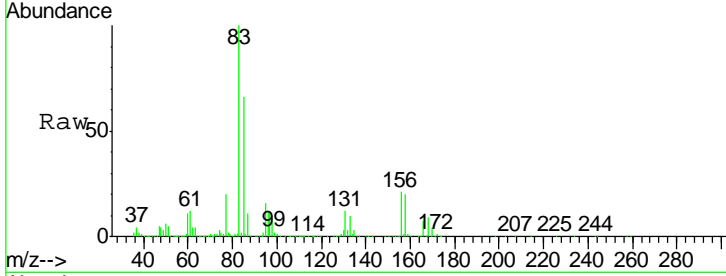


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 50.584 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

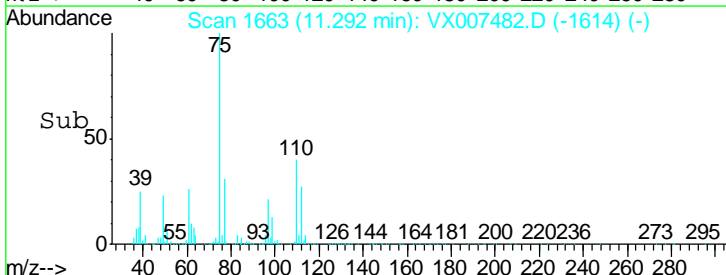
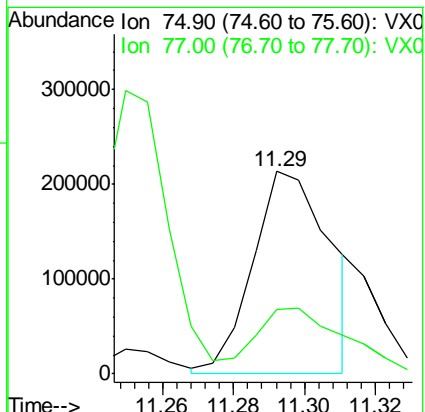
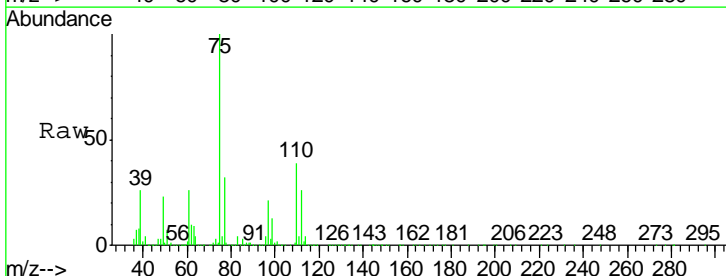
Tgt Ion	Resp	Lower	Upper
83	100		
131	11.4	5.7	17.0
85	64.8	32.8	98.3

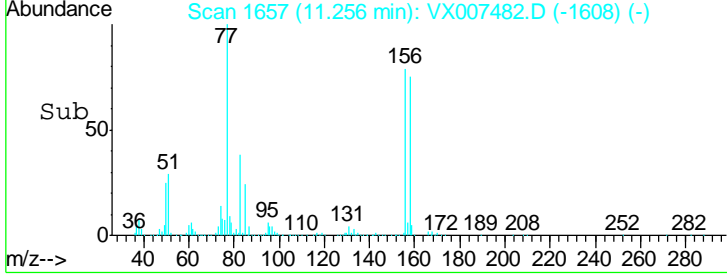
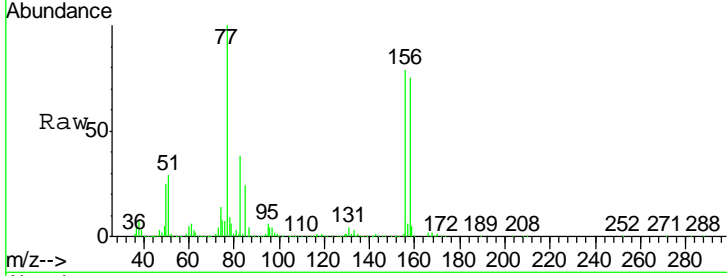
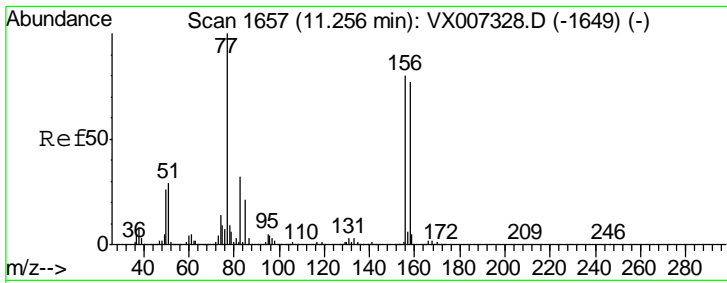
Manual Integrations  
**APPROVED**  
 MMDadoda  
 2/13/2019 11:58:14 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 52.398 ug/l m  
 RT: 11.29 min Scan# 1663  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
75	100		
77	38.5	23.0	69.0



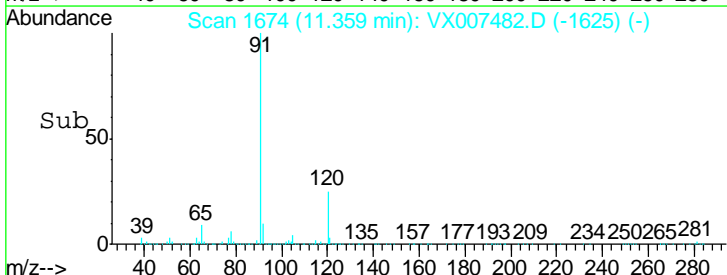
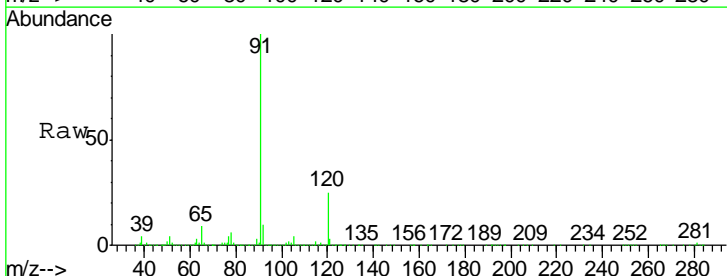
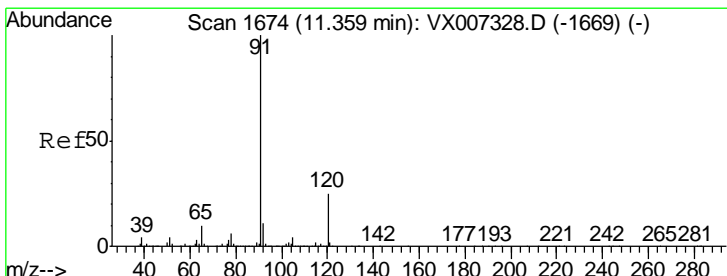
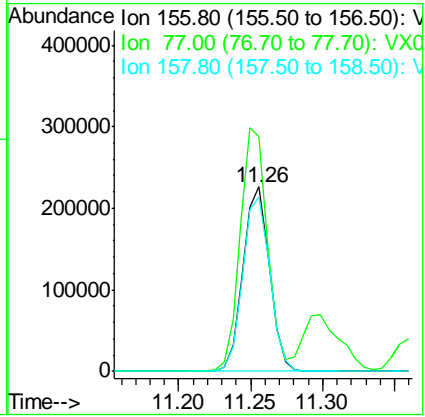


#77  
 Bromobenzene  
 Concen: 47.250 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
156	287437		
77	135.6	66.8	200.6
158	96.9	47.9	143.8

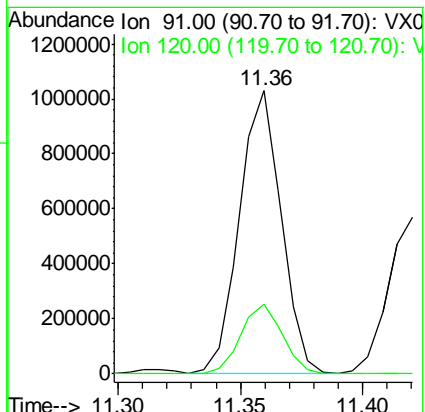
Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

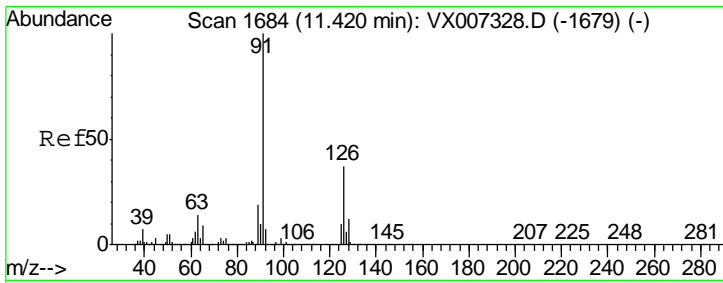
Manual Integrations APPROVED  
 MMDadoda  
 2/13/2019 11:58:14 AM



#78  
 n-propylbenzene  
 Concen: 51.450 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
91	1218104		
120	24.7	12.4	37.2



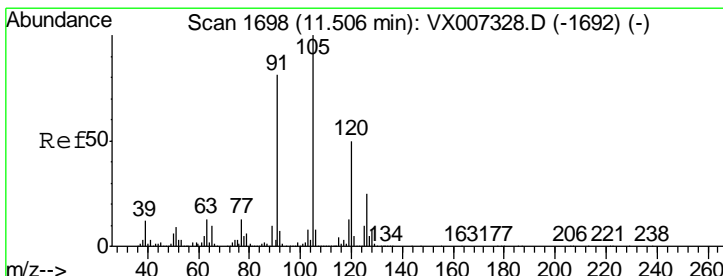
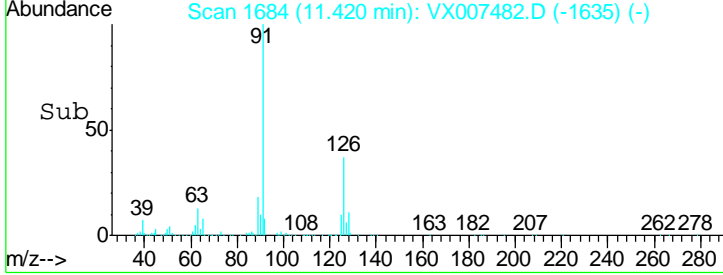
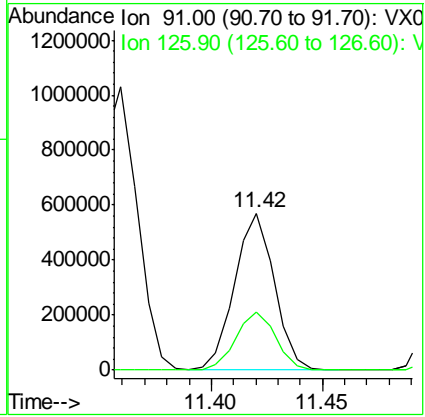
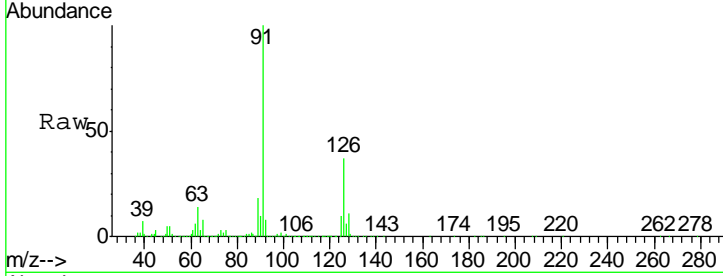


#79  
 2-Chlorotoluene  
 Concen: 49.190 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDC050

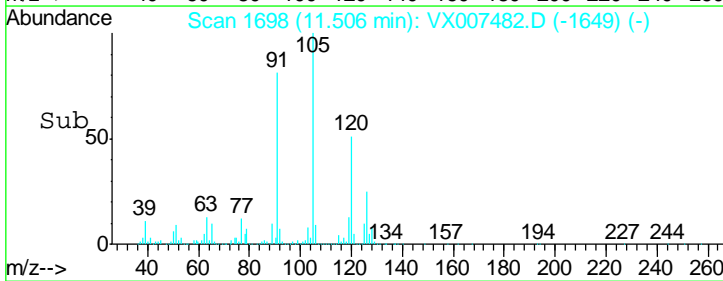
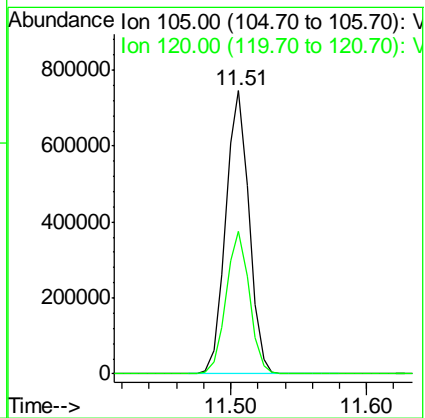
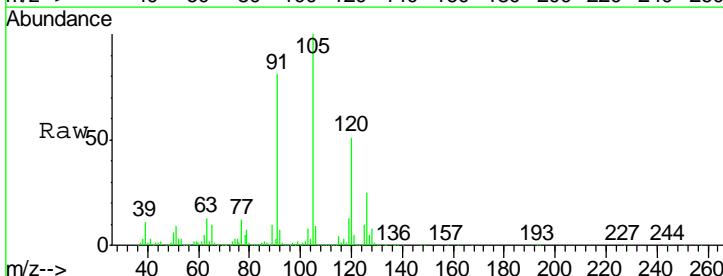
Tgt Ion	Resp	Lower	Upper
91	100		
126	37.2	18.7	56.1

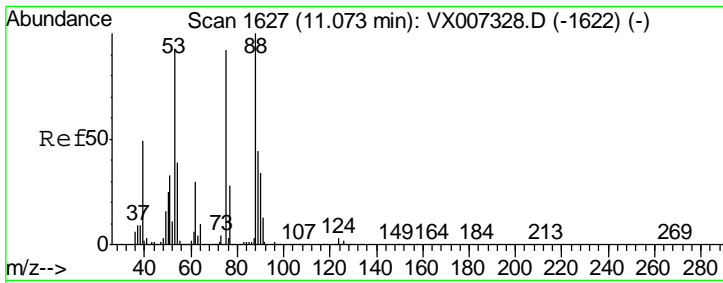
Manual Integrations APPROVED  
 MMDadoda  
 2/13/2019 11:58:14 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.843 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
105	100		
120	50.4	25.3	75.8





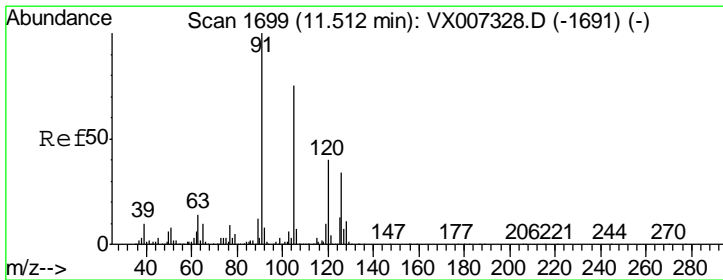
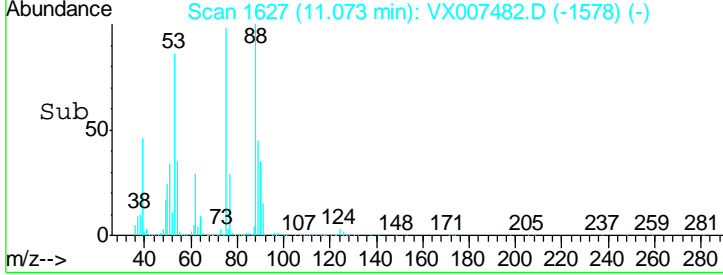
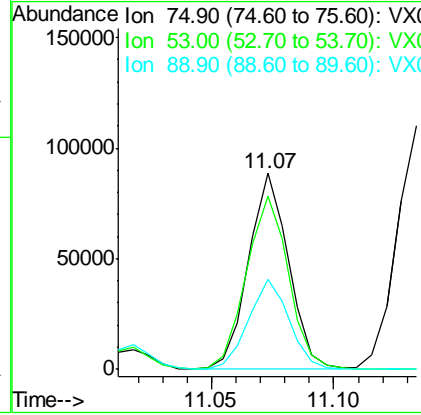
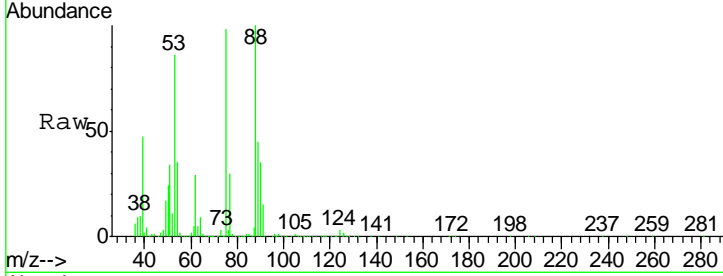
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 50.270 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDC050

Tgt Ion	Resp	Lower	Upper
75	100560		
75	100		
53	92.9	81.0	121.6
89	47.0	41.4	62.0

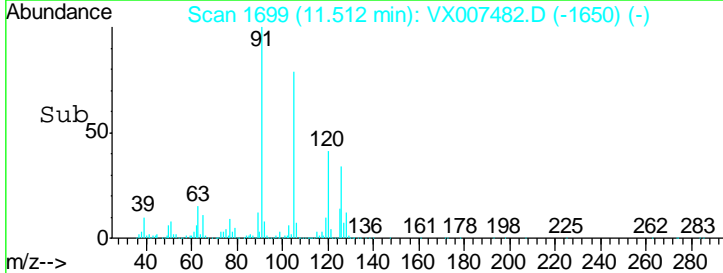
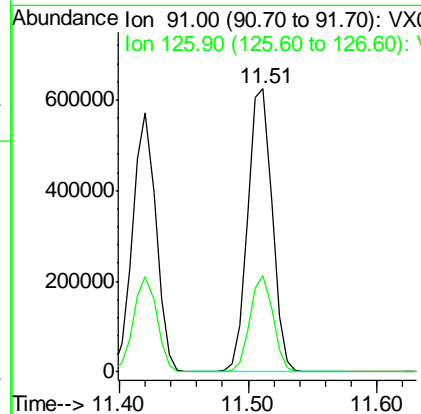
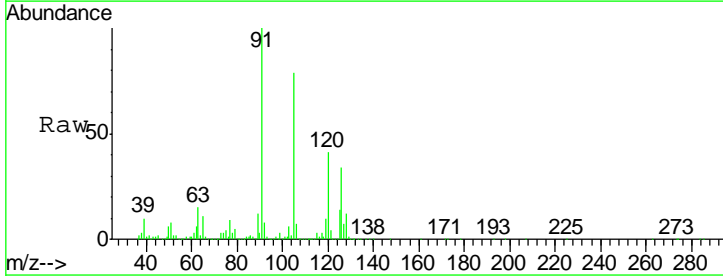
Manual Integrations  
 APPROVED

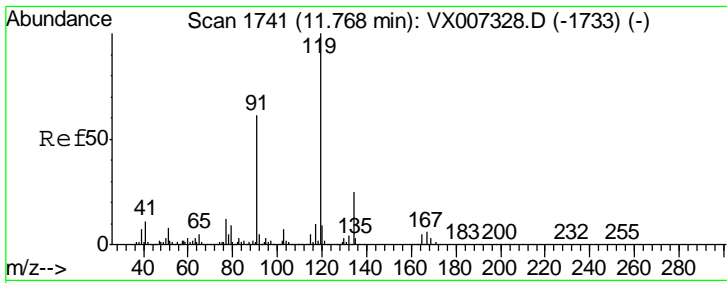
MMDadoda  
 2/13/2019 11:58:14 AM



#82  
 4-Chlorotoluene  
 Concen: 48.865 ug/l  
 RT: 11.51 min Scan# 1699  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
91	812268		
91	100		
126	32.3	16.2	48.5





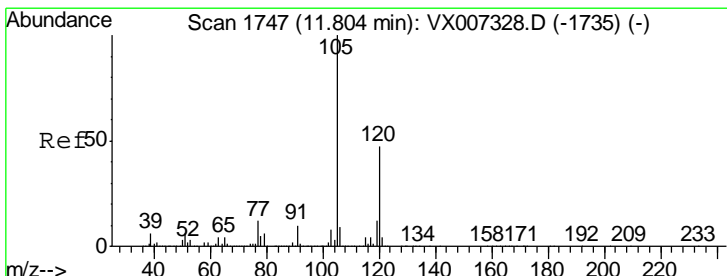
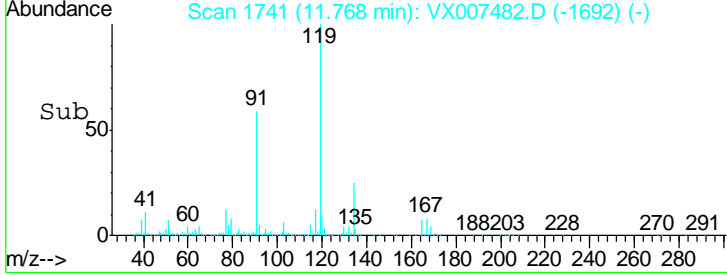
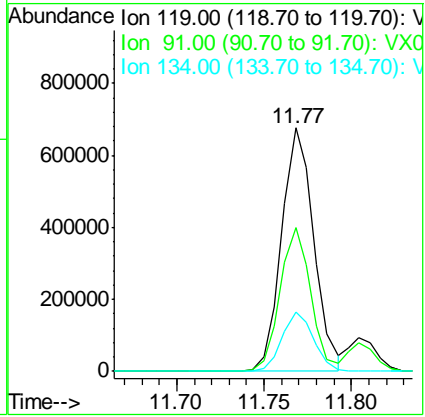
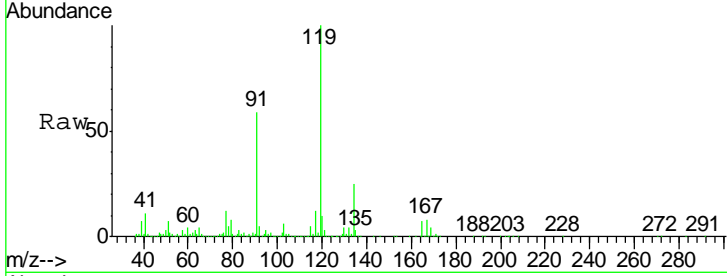
#83  
 tert-Butylbenzene  
 Concen: 49.684 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
119	100		
91	56.4	28.5	85.6
134	24.0	12.0	36.0

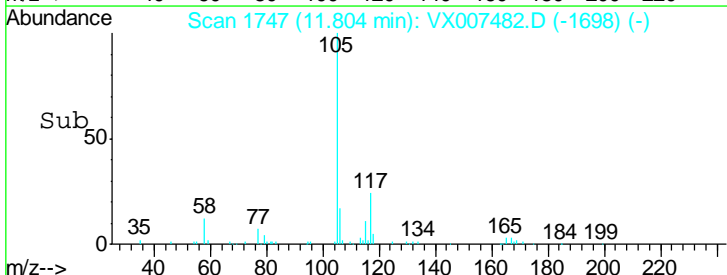
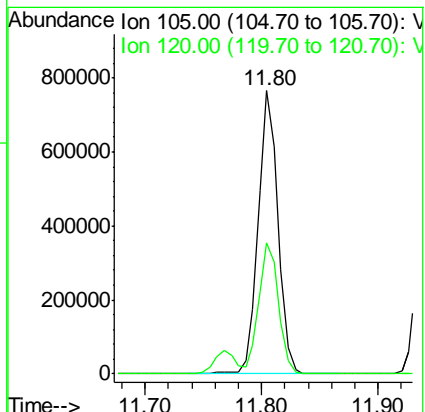
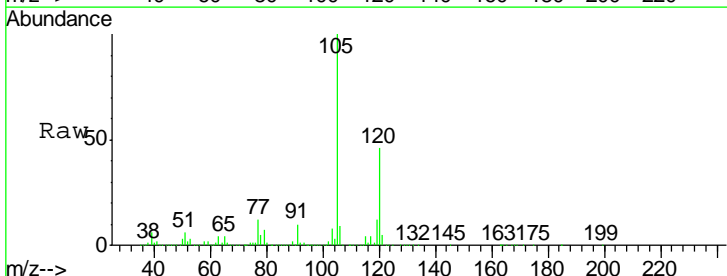
Manual Integrations  
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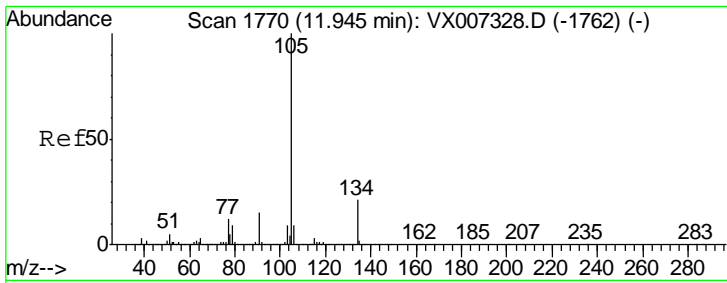
MMDadoda  
 2/13/2019 11:58:14 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.483 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
105	100		
120	46.2	23.1	69.3



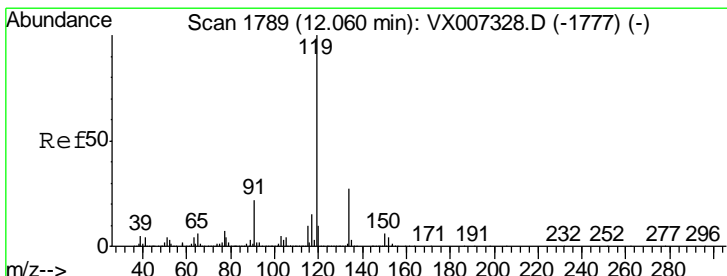
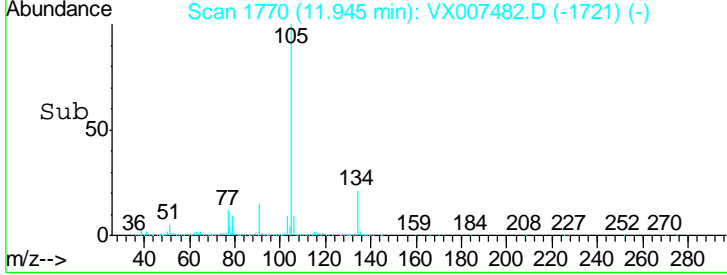
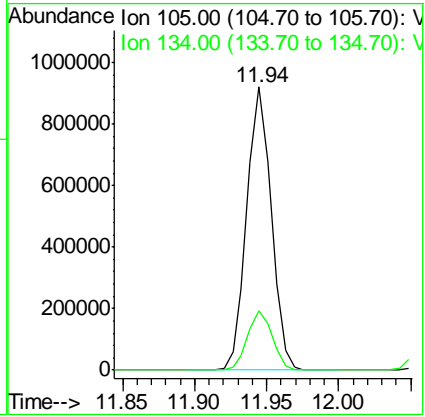
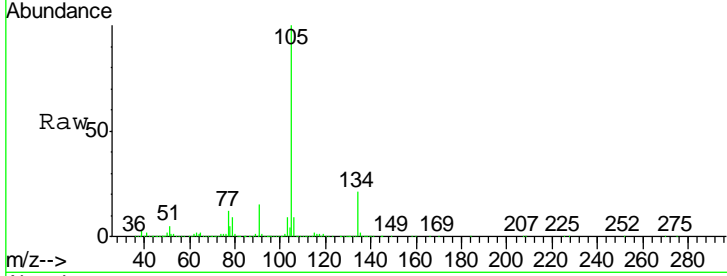


#85  
 sec-Butylbenzene  
 Concen: 51.239 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

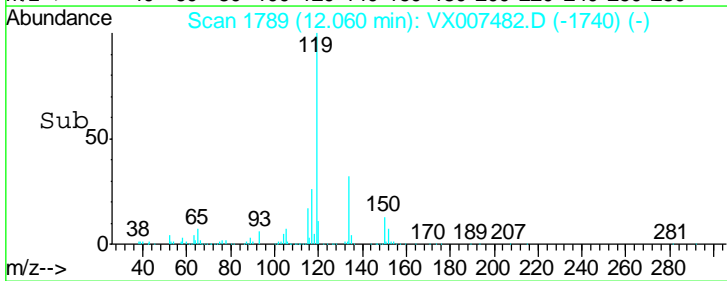
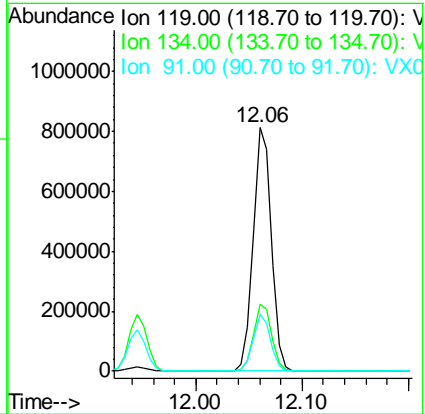
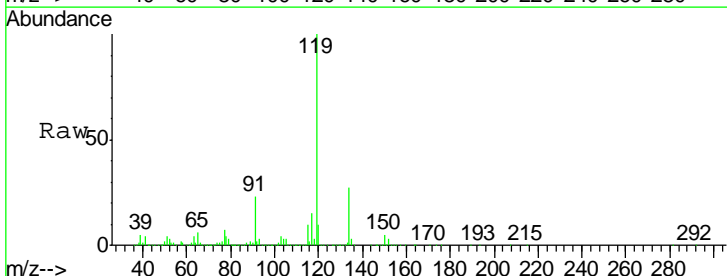
Tgt Ion	Resp	Lower	Upper
105	1084530		
134	21.2	10.6	31.8

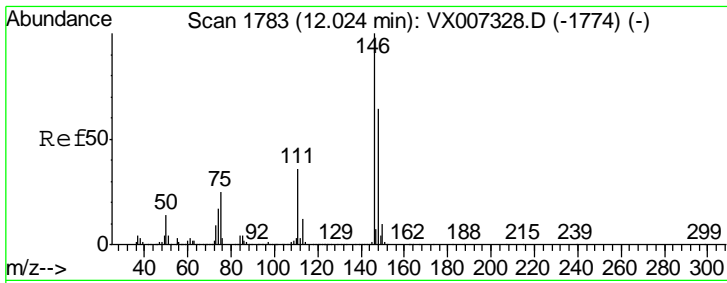
Manual Integrations APPROVED  
 MMDadoda  
 2/13/2019 11:58:14 AM



#86  
 p-Isopropyltoluene  
 Concen: 50.852 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
119	971620		
134	27.5	13.7	41.1
91	22.5	11.2	33.5





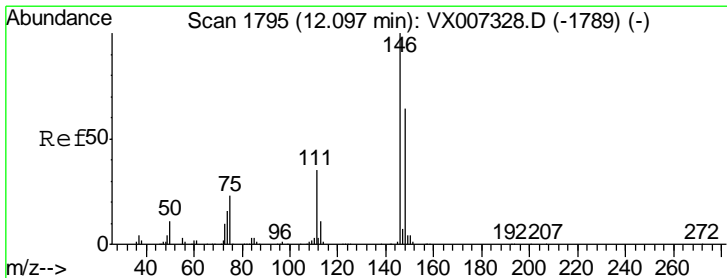
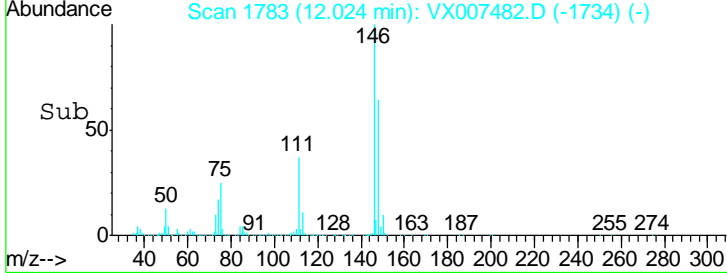
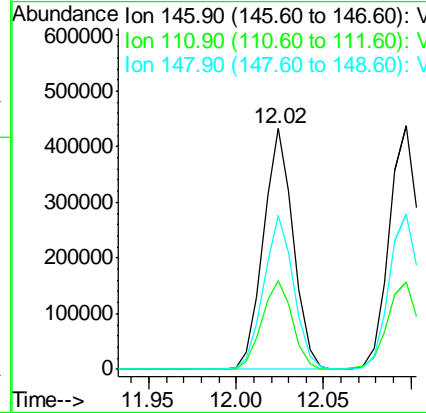
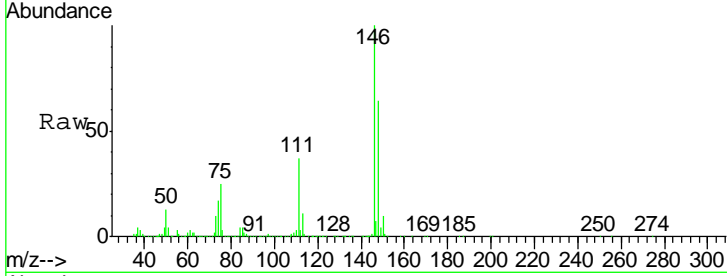
#87  
 1,3-Dichlorobenzene  
 Concen: 47.529 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	64.2	32.0	96.2

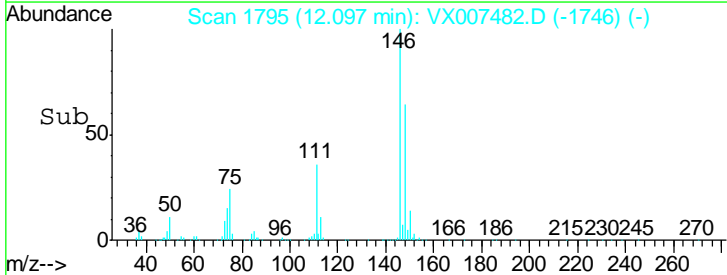
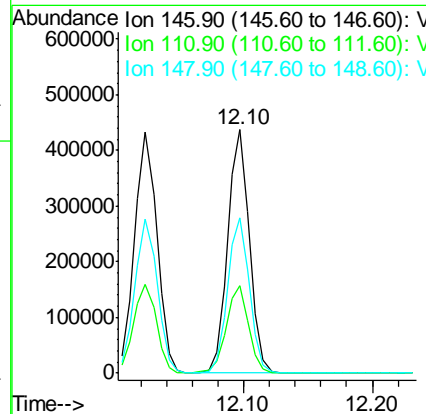
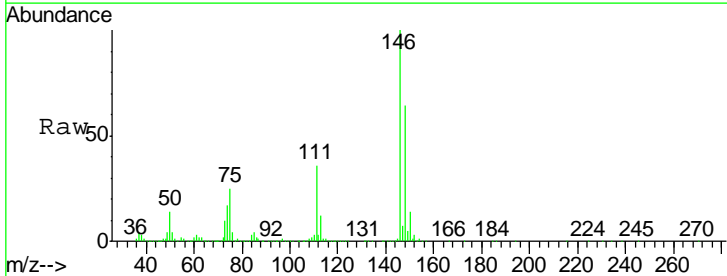
Manual Integrations  
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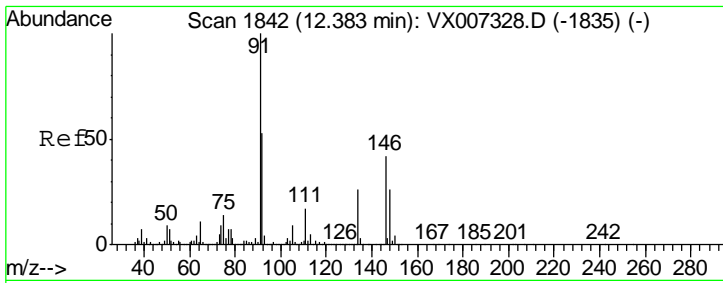


#88  
 1,4-Dichlorobenzene  
 Concen: 46.893 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.1	32.3	96.9





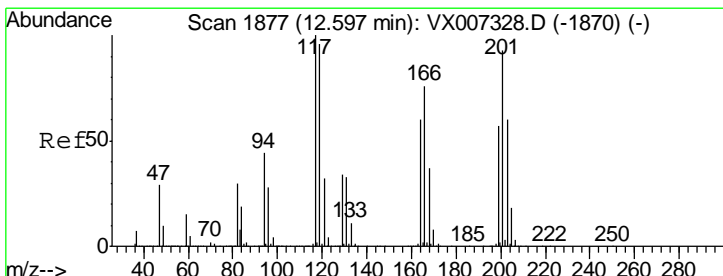
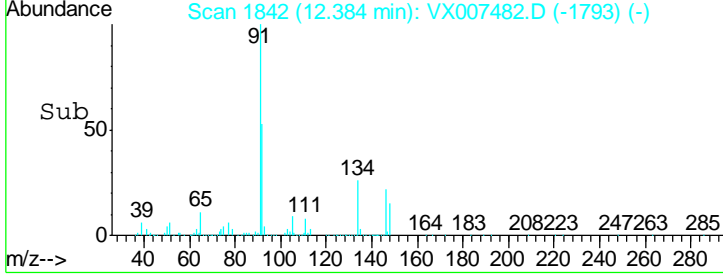
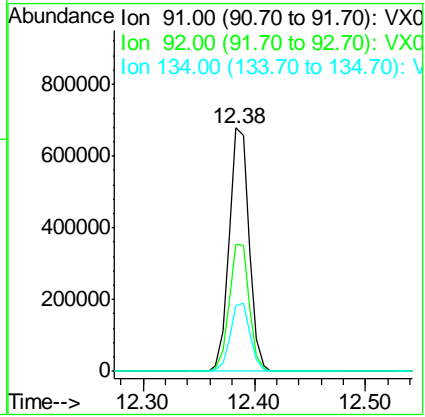
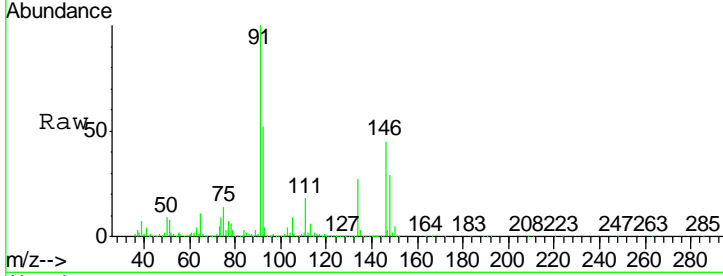


#89  
 n-Butylbenzene  
 Concen: 50.792 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

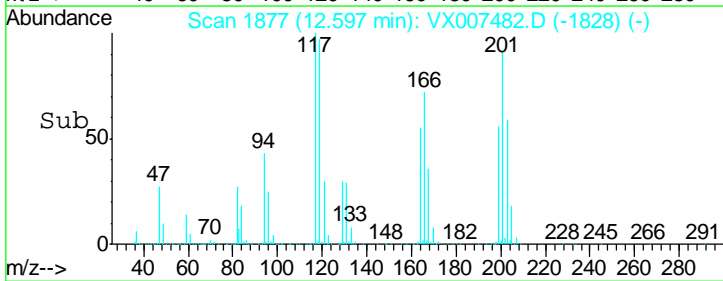
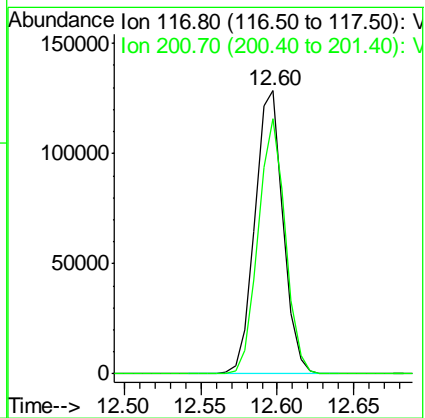
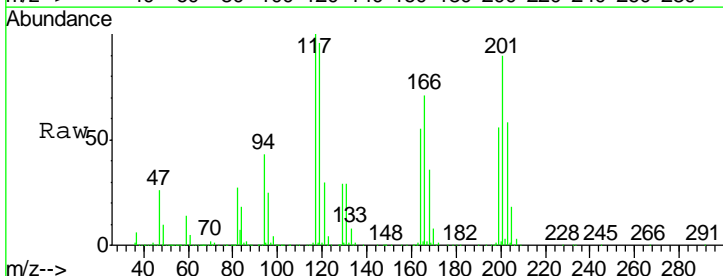
Tgt Ion	Resp	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	27.8	13.9	41.6

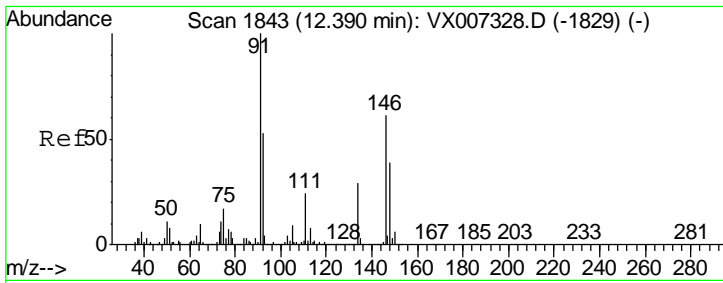
Manual Integrations  
**APPROVED**  
 MMDadoda  
 2/13/2019 11:58:14 AM



#90  
 Hexachloroethane  
 Concen: 57.703 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
117	100		
201	87.0	44.9	134.7





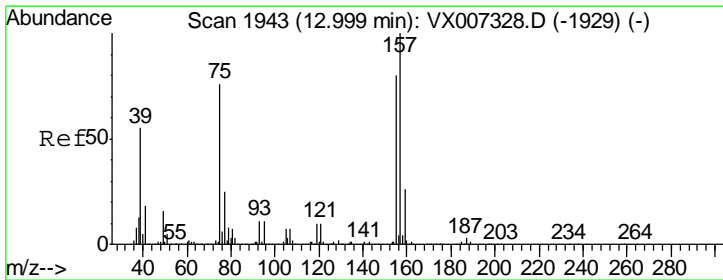
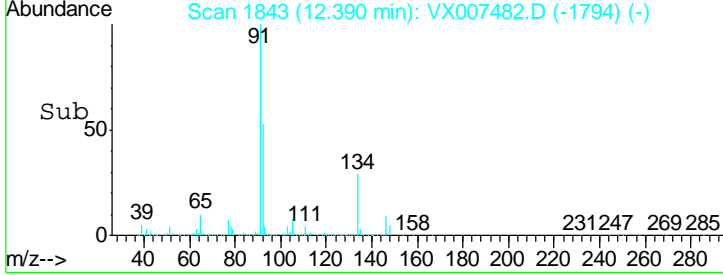
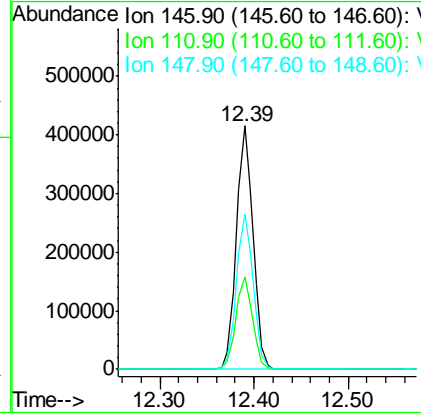
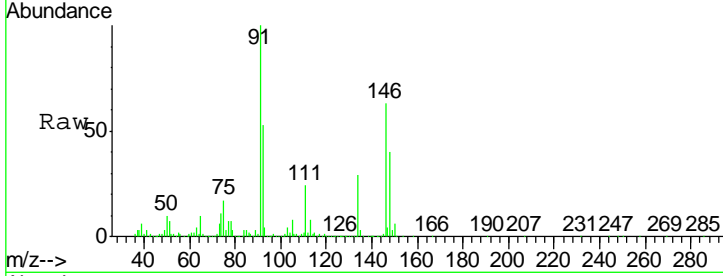
#91  
 1,2-Dichlorobenzene  
 Concen: 46.924 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	509829		
146	100		
111	37.9	19.1	57.3
148	64.3	32.1	96.3

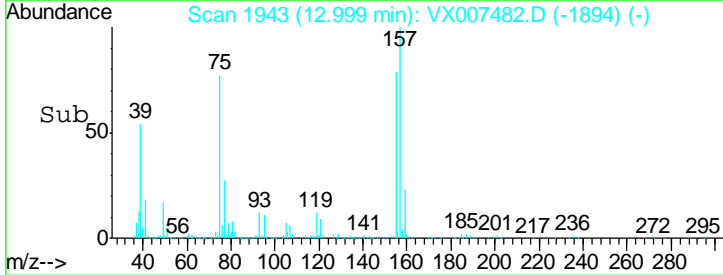
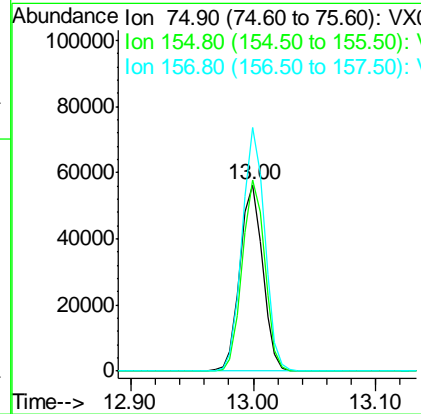
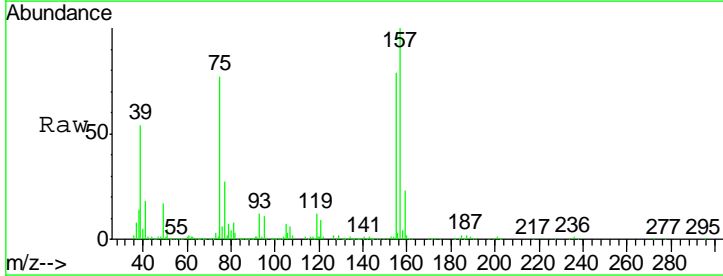
Manual Integrations  
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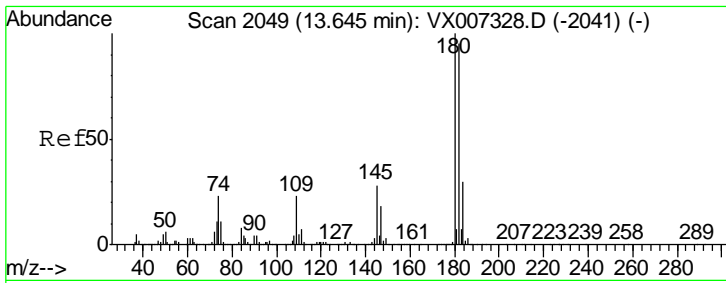
MMDadoda  
 2/13/2019 11:58:14 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.845 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
75	72302		
75	100		
155	101.2	49.6	149.0
157	129.0	65.1	195.3





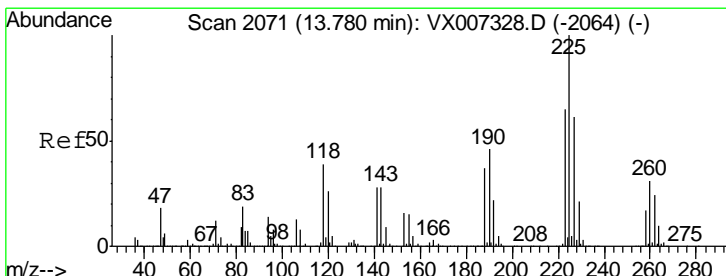
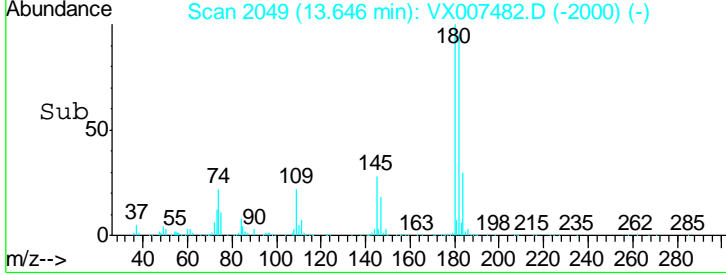
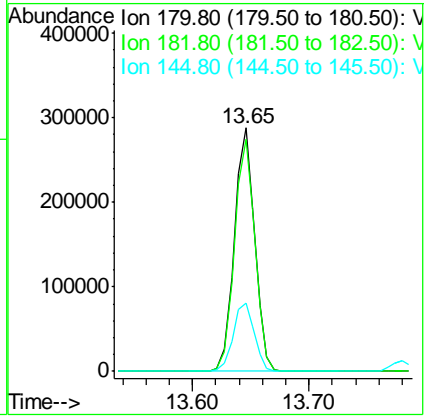
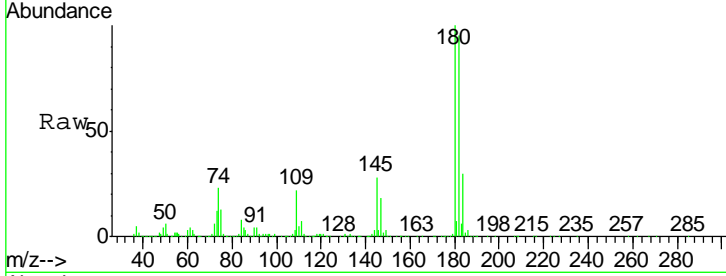
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.746 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
180	349845		
182	95.9	47.8	143.3
145	29.4	14.1	42.2

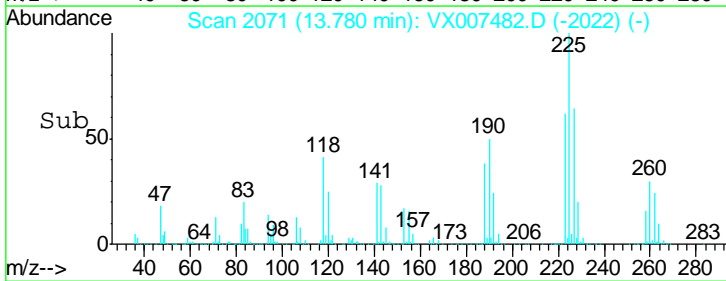
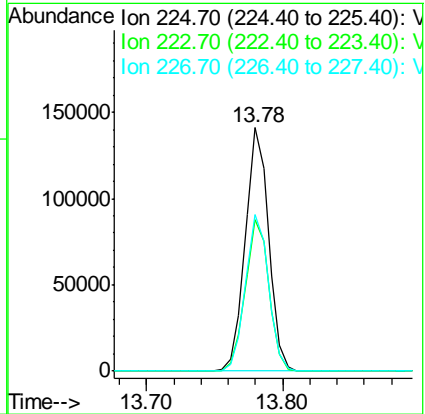
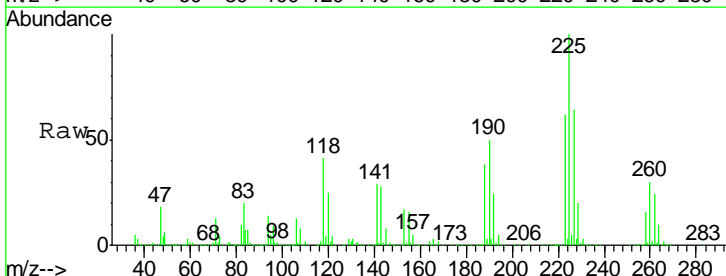
Manual Integrations  
 APPROVED

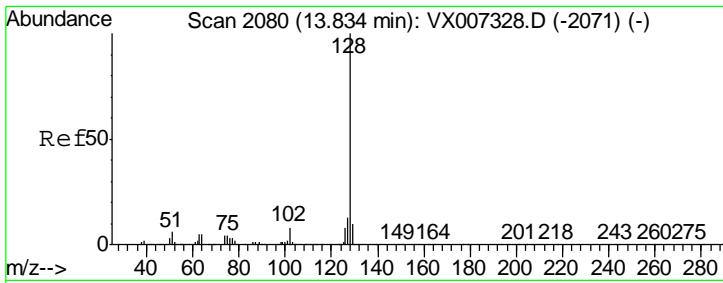
MMDadoda  
 2/13/2019 11:58:14 AM



#94  
 Hexachlorobutadiene  
 Concen: 47.567 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
225	169241		
223	62.8	31.6	94.8
227	63.6	32.1	96.3



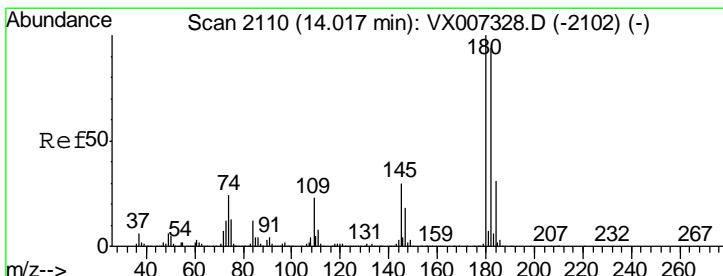
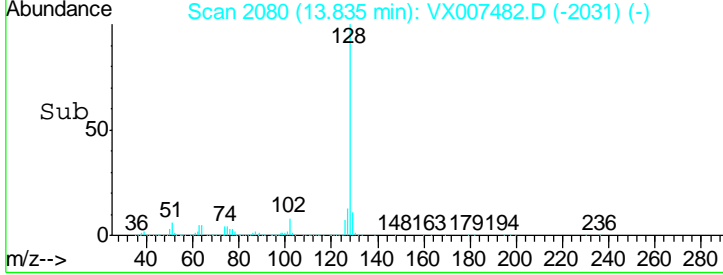
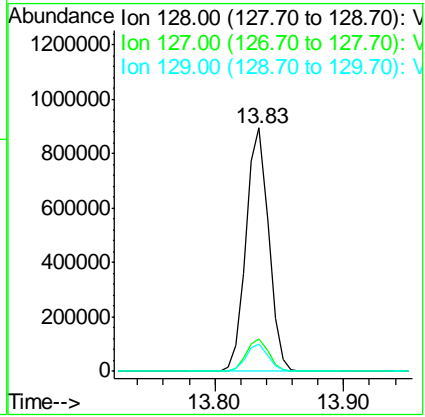
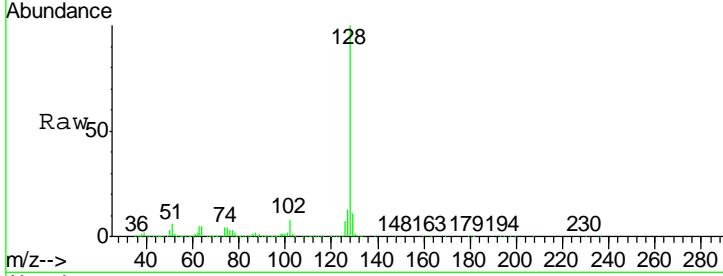


#95  
 Naphthalene  
 Concen: 50.190 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
128	1075429		
127	13.2	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations  
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 2/13/2019 11:58:14 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 47.484 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX007482.D  
 Acq: 12 Feb 2019 11:53

Tgt Ion	Resp	Lower	Upper
180	350217		
182	96.6	47.5	142.6
145	30.8	14.9	44.5

