

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\  
 Data File : VX000943.D  
 Acq On : 17 Apr 2018 02:27  
 Operator : JC/MD  
 Sample : VX0416WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 VX0416WBSD02

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM

Quant Time: Apr 17 07:39:15 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	227870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147070	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.51	113	119870	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.72	98	445006	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.14	95	181414	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49704	19.32	ug/l	98
3) Chloromethane	1.32	50	44053	19.97	ug/l	99
4) Vinyl Chloride	1.41	62	50172	20.23	ug/l	99
5) Bromomethane	1.65	94	32766	31.40	ug/l	99
6) Chloroethane	1.73	64	32834	21.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	78186	20.89	ug/l	99
8) Diethyl Ether	2.19	74	30163	21.57	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46776	21.20	ug/l	98
10) Methyl Iodide	2.52	142	29870	22.76	ug/l	98
11) Tert butyl alcohol	3.07	59	47534	93.18	ug/l	99
12) 1,1-Dichloroethene	2.38	96	42255	20.20	ug/l	98
13) Acrolein	2.30	56	10218	41.25	ug/l	99
14) Allyl chloride	2.73	41	76765	19.85	ug/l	99
15) Acrylonitrile	3.15	53	125177	115.10	ug/l	99
16) Acetone	2.45	43	101393	102.33	ug/l	98
17) Carbon Disulfide	2.57	76	101751	16.07	ug/l	100
18) Methyl Acetate	2.78	43	64417	25.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	155422	22.31	ug/l	99
20) Methylene Chloride	2.86	84	48580	21.08	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46376	20.11	ug/l	97
22) Diisopropyl ether	3.88	45	160977	22.65	ug/l	99
23) Vinyl Acetate	3.83	43	674264	108.06	ug/l	98
24) 1,1-Dichloroethane	3.70	63	87953	22.06	ug/l	98
25) 2-Butanone	4.71	43	175030	106.97	ug/l	98
26) 2,2-Dichloropropane	4.59	77	61088	15.43	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55315	21.13	ug/l	97
28) Bromochloromethane	5.03	49	30874	19.23	ug/l	98
29) Tetrahydrofuran	5.17	42	113815	109.55	ug/l	99
30) Chloroform	5.23	83	93140	22.06	ug/l	99
31) Cyclohexane	5.58	56	74224	19.60	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	81178	20.18	ug/l	99
36) 1,1-Dichloropropene	5.81	75	67813	19.84	ug/l	99
37) Ethyl Acetate	4.87	43	71612	21.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	69576	18.19	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\  
 Data File : VX000943.D  
 Acq On : 17 Apr 2018 02:27  
 Operator : JC/MD  
 Sample : VX0416WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 VX0416WBSD02

Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:13 PM

Quant Time: Apr 17 07:39:15 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	75285	18.34	ug/l	99
40) Benzene	6.15	78	197423	20.79	ug/l	100
41) Methacrylonitrile	5.07	41	41359	21.46	ug/l	98
42) 1,2-Dichloroethane	6.21	62	77551	21.87	ug/l	99
43) Isopropyl Acetate	6.47	43	118308	20.68	ug/l	99
44) Trichloroethene	7.22	130	60111	20.35	ug/l	97
45) 1,2-Dichloropropane	7.52	63	51697	21.38	ug/l	100
46) Dibromomethane	7.67	93	35565	21.10	ug/l	98
47) Bromodichloromethane	7.90	83	65985	19.39	ug/l	95
48) Methyl methacrylate	7.79	41	62006	20.91	ug/l	99
49) 1,4-Dioxane	7.76	88	18620	312.52	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	366366	109.04	ug/l	99
52) Toluene	8.79	92	130512	20.72	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	77348	18.95	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71700	18.04	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53888	21.55	ug/l	98
56) Ethyl methacrylate	9.19	69	79966	20.73	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88008	22.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	199363	110.60	ug/l	99
59) 2-Hexanone	9.51	43	271792	104.78	ug/l	99
60) Dibromochloromethane	9.59	129	55420	18.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56720	21.38	ug/l	99
64) Tetrachloroethene	9.34	164	63066	21.84	ug/l	99
65) Chlorobenzene	10.15	112	155661	20.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54655	19.54	ug/l	99
67) Ethyl Benzene	10.26	91	253535	20.46	ug/l	100
68) m/p-Xylenes	10.37	106	197772	40.45	ug/l	98
69) o-Xylene	10.71	106	96544	20.49	ug/l	99
70) Styrene	10.72	104	163492	20.58	ug/l	100
71) Bromoform	10.87	173	43919	16.96	ug/l #	100
73) Isopropylbenzene	11.02	105	263010	20.58	ug/l	100
74) N-amyl acetate	6.47	43	118308	20.56	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77909	21.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	70814m	20.39	ug/l	
77) Bromobenzene	11.26	156	76242	20.36	ug/l	98
78) n-propylbenzene	11.37	91	298282	20.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	177442	20.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221607	20.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17525	13.88	ug/l #	83
82) 4-Chlorotoluene	11.52	91	213701	20.50	ug/l	100
83) tert-Butylbenzene	11.77	119	226410	20.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	230242	20.30	ug/l	99
85) sec-Butylbenzene	11.95	105	264279	19.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	244155	19.74	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140515	20.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146116	20.57	ug/l	98
89) n-Butylbenzene	12.40	91	208042	19.06	ug/l	100
90) Hexachloroethane	12.60	117	33515	16.01	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	138892	20.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15767	16.97	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\  
 Data File : VX000943.D  
 Acq On : 17 Apr 2018 02:27  
 Operator : JC/MD  
 Sample : VX0416WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VX0416WBSD02

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM

Quant Time: Apr 17 07:39:15 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112775	19.75	ug/l	100
94) Hexachlorobutadiene	13.79	225	47892	17.06	ug/l	100
95) Naphthalene	13.84	128	296639	20.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	109995	19.83	ug/l	99

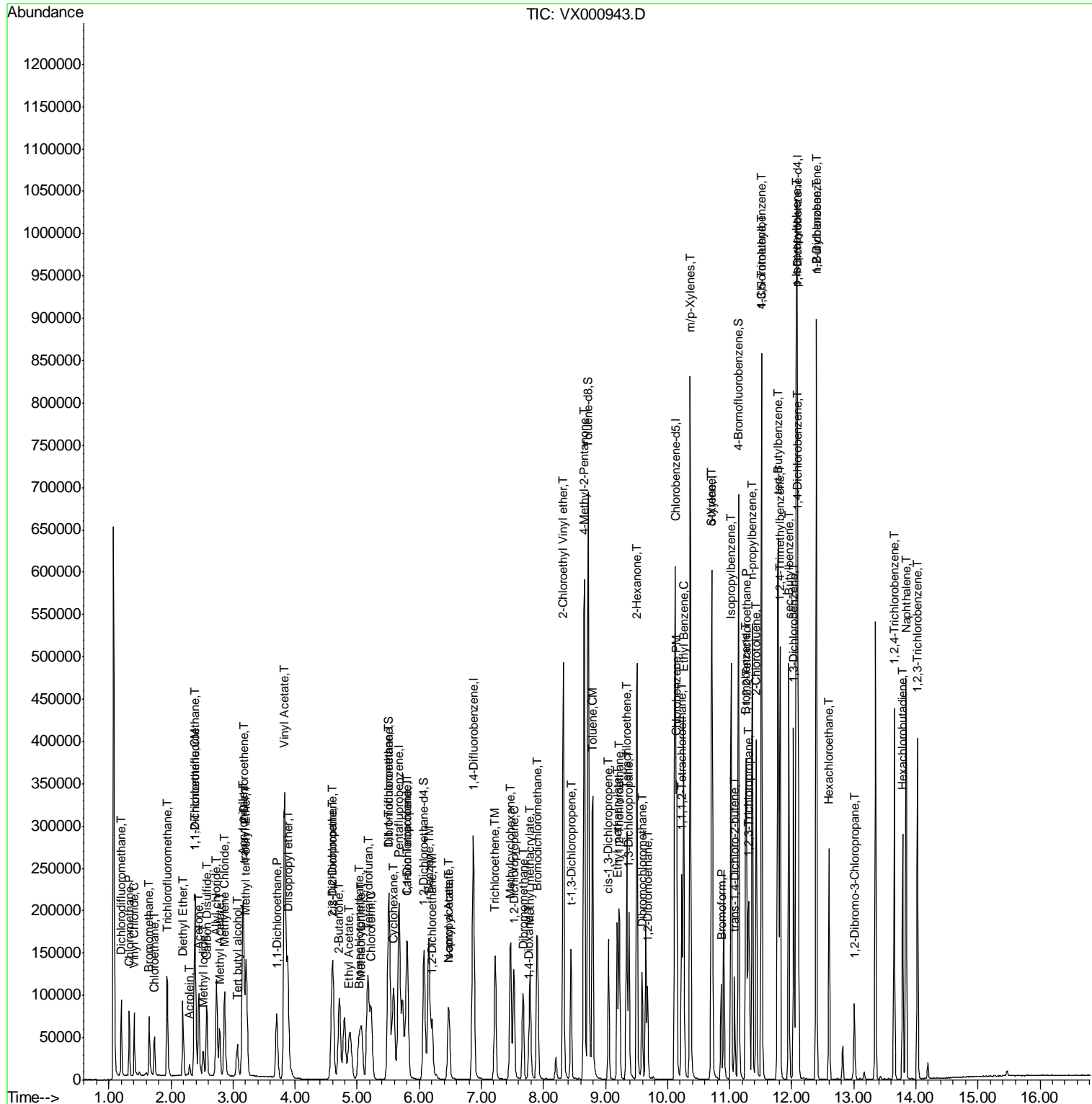
(#) = qualifier out of range (m) = manual integration (+) = signals summed

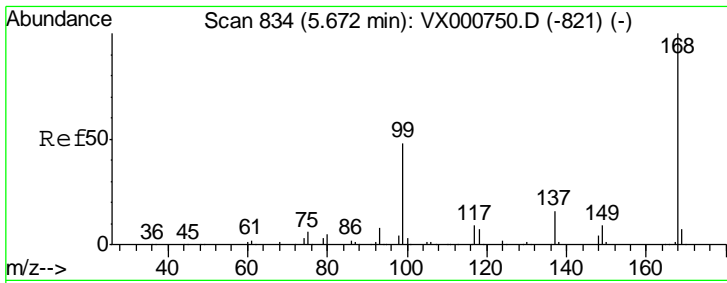
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\  
Data File : VX000943.D  
Acq On : 17 Apr 2018 02:27  
Operator : JC/MD  
Sample : VX0416WBSD02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
Client Sampled :  
VX0416WBSD02

Manual Integrations  
APPROVED  
MMDadoda  
4/18/2018 2:45:13 PM

Quant Time: Apr 17 07:39:15 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 10 15:49:28 2018  
Response via : Initial Calibration



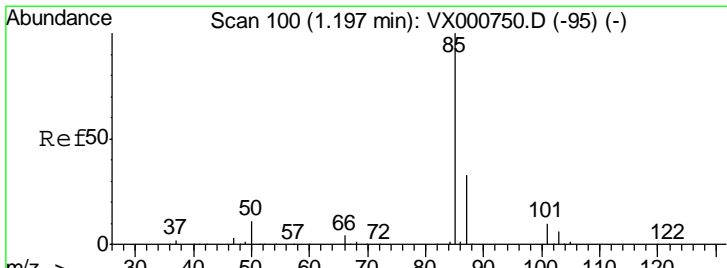
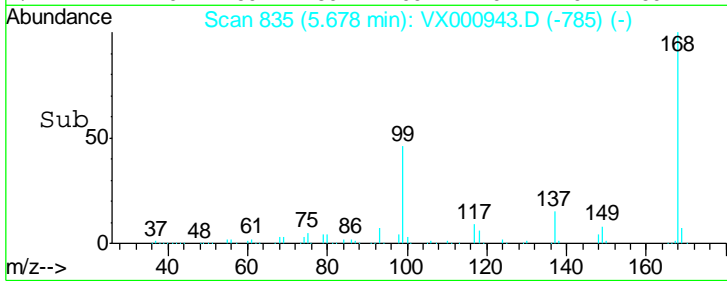
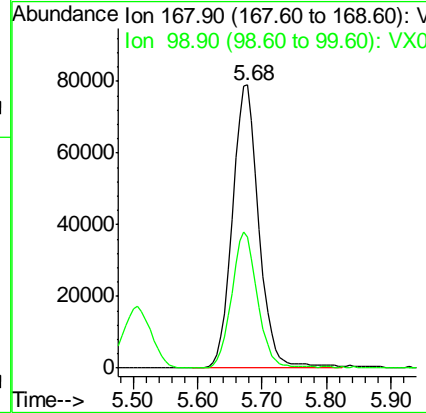
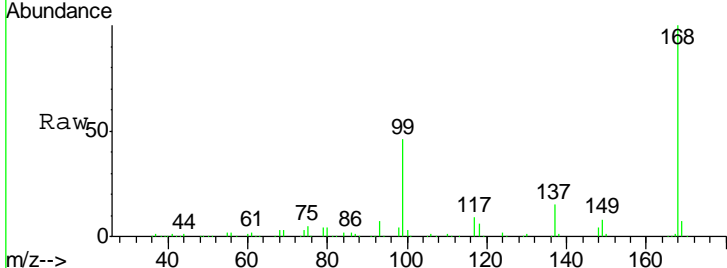


#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.68 min Scan# 835  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
168	100		
99	46.1	38.3	57.5

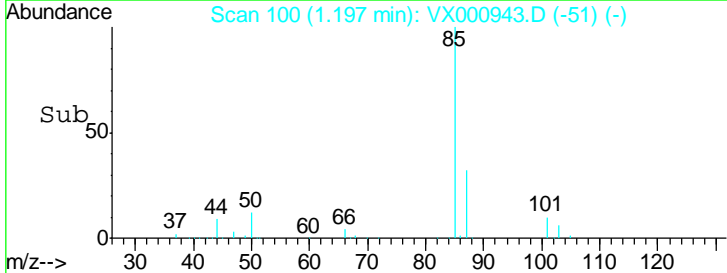
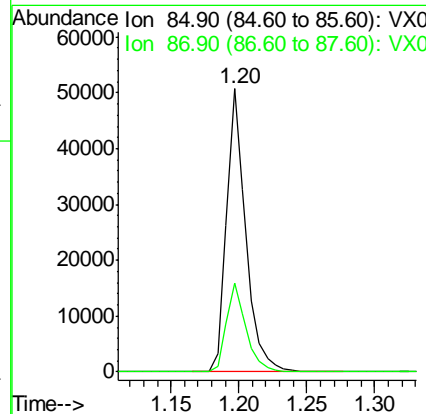
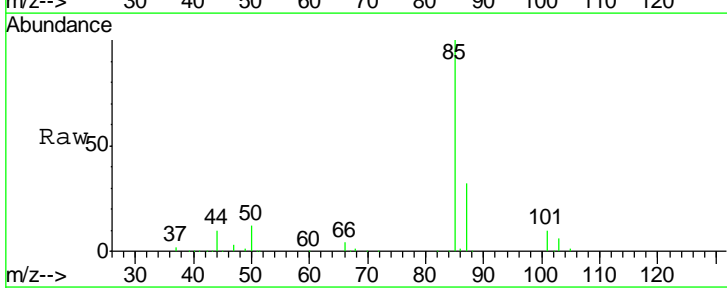
Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

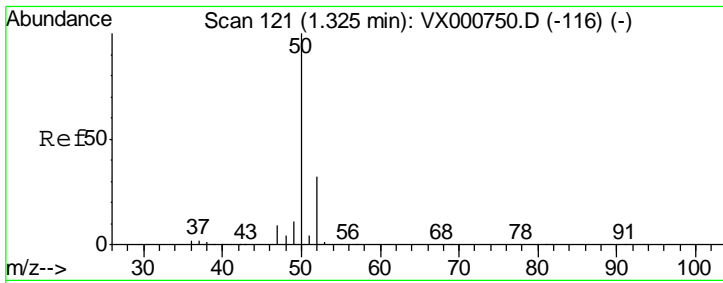
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#2  
 Dichlorodifluoromethane  
 Concen: 19.32 ug/l  
 RT: 1.20 min Scan# 100  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
85	100		
87	31.6	16.3	48.8



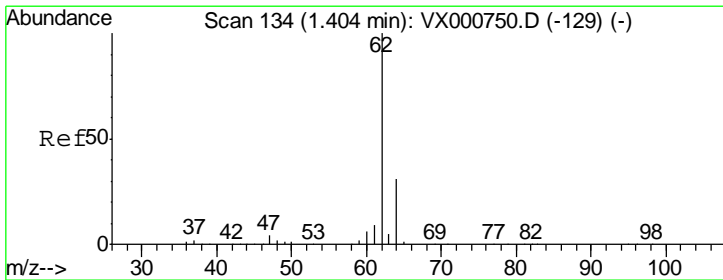
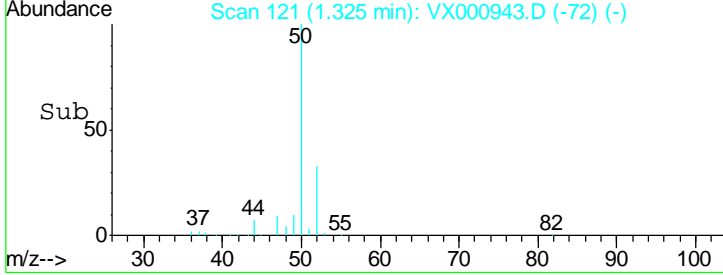
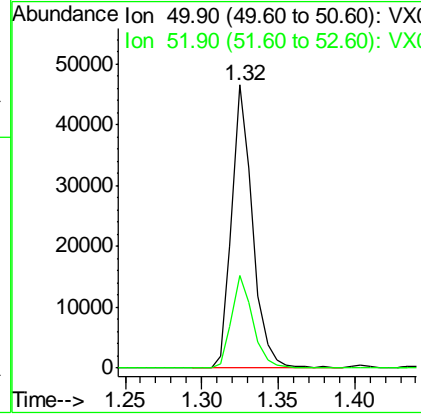
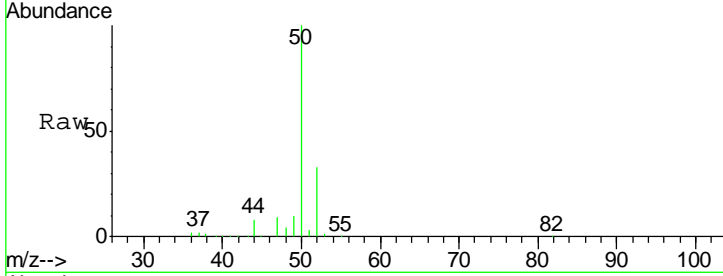


#3  
 Chloromethane  
 Concen: 19.97 ug/l  
 RT: 1.32 min Scan# 121  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
50	100		
52	32.7	25.8	38.8

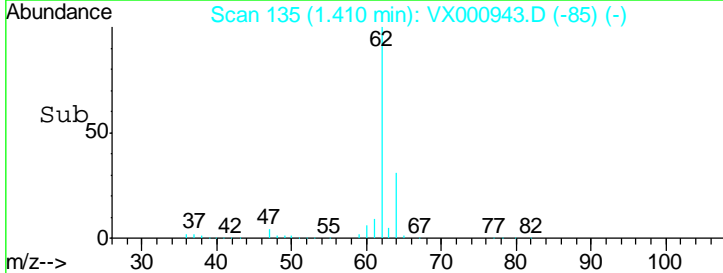
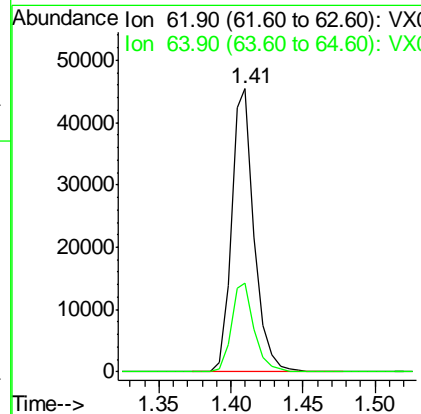
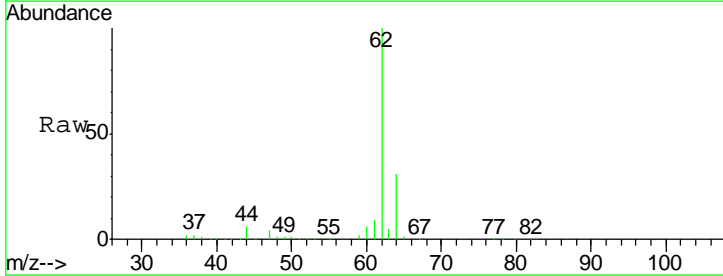
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

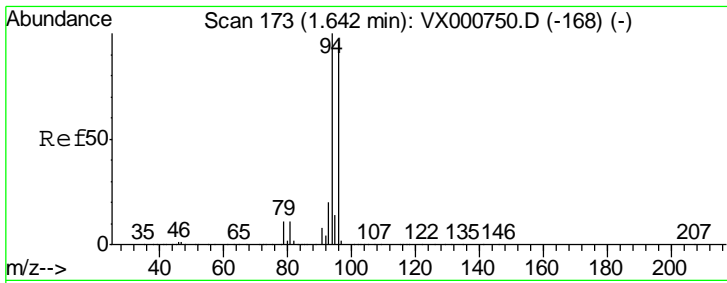
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#4  
 Vinyl Chloride  
 Concen: 20.23 ug/l  
 RT: 1.41 min Scan# 135  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
62	100		
64	31.3	24.6	36.8





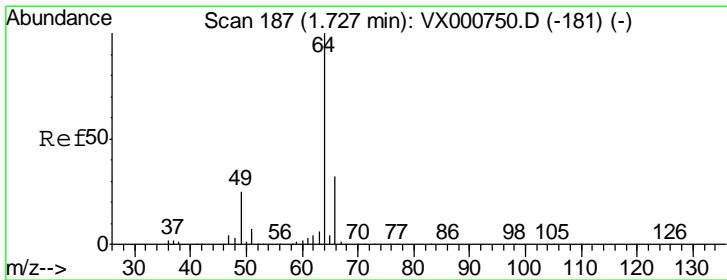
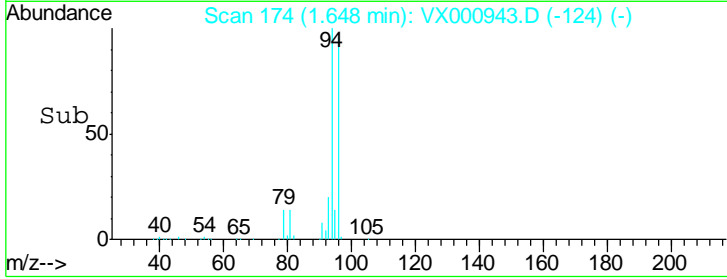
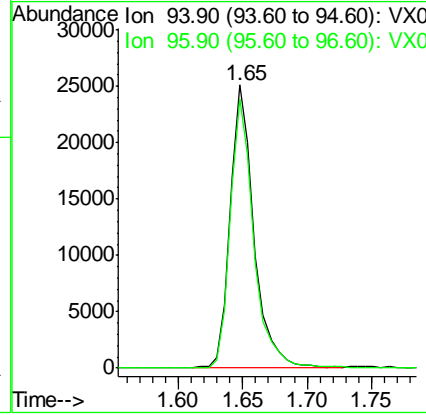
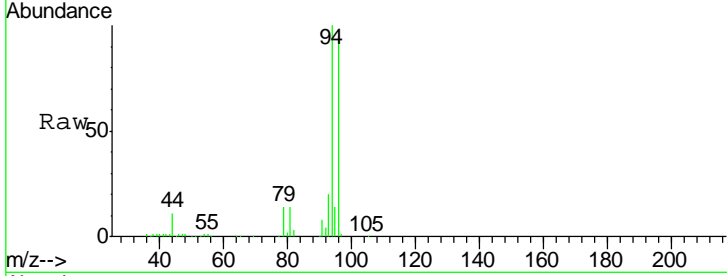
#5  
 Bromomethane  
 Concen: 31.40 ug/l  
 RT: 1.65 min Scan# 174  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
94	100		
96	95.3	77.0	115.6

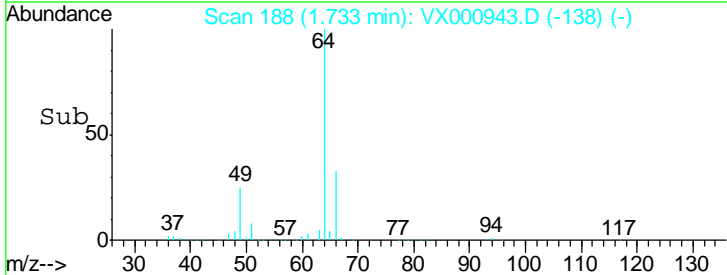
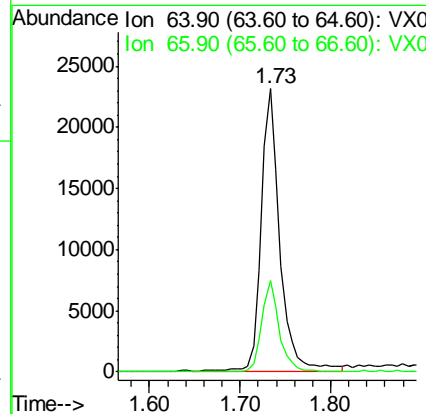
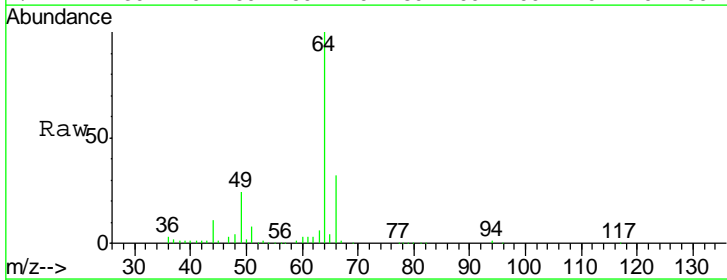
Manual Integrations  
 APPROVED

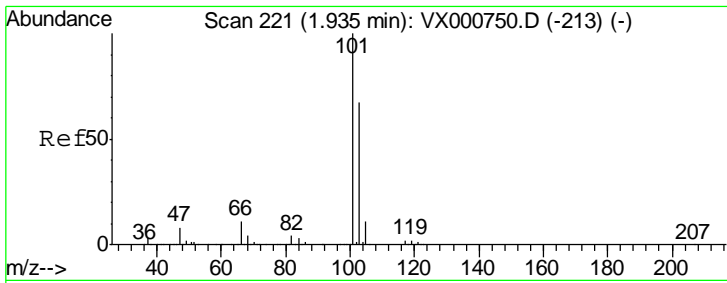
MMDadoda  
 4/18/2018 2:45:13 PM



#6  
 Chloroethane  
 Concen: 21.84 ug/l  
 RT: 1.73 min Scan# 188  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
64	100		
66	32.2	25.3	37.9





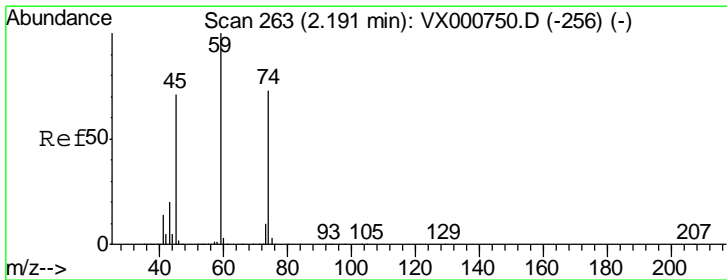
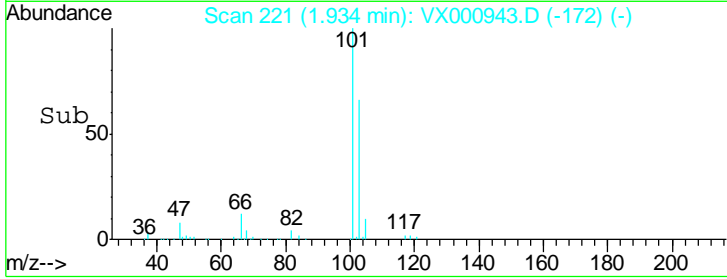
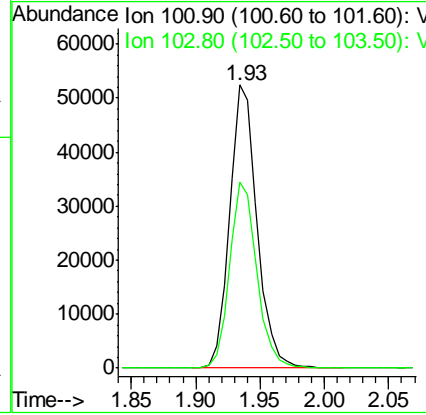
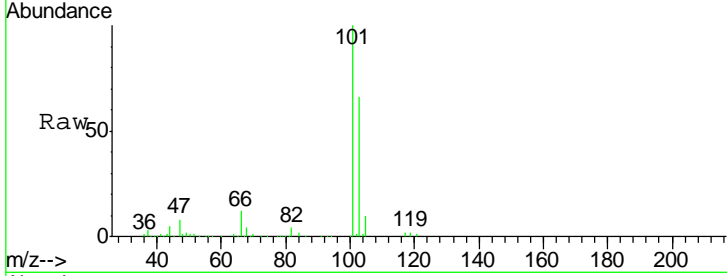
#7  
 Trichlorofluoromethane  
 Concen: 20.89 ug/l  
 RT: 1.93 min Scan# 221  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
101	78186		
103	65.8	53.2	79.8

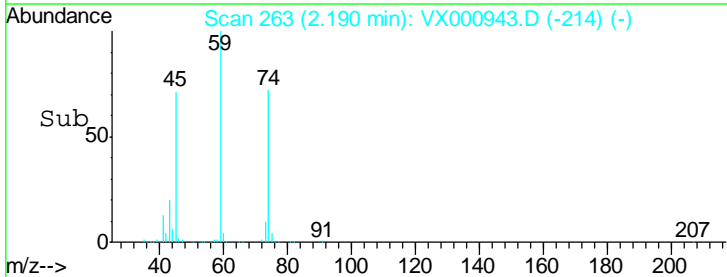
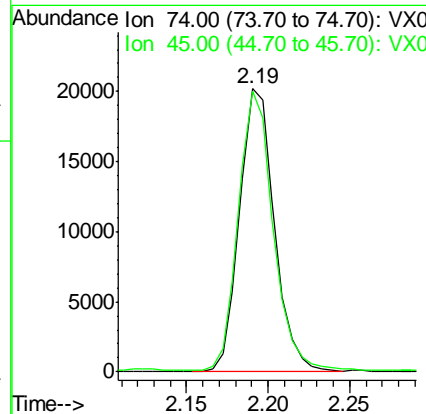
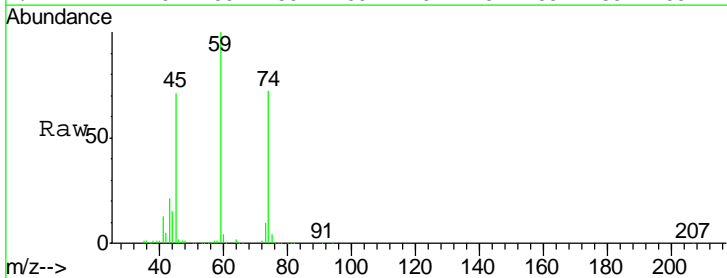
Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:13 PM

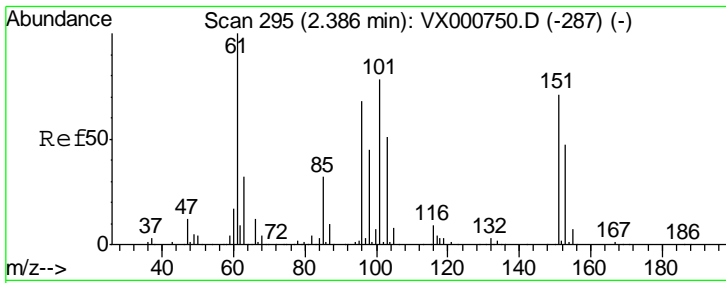


#8  
 Diethyl Ether  
 Concen: 21.57 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
74	30163		
45	98.0	48.6	145.8







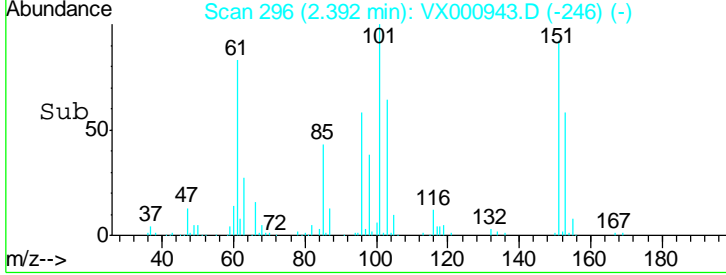
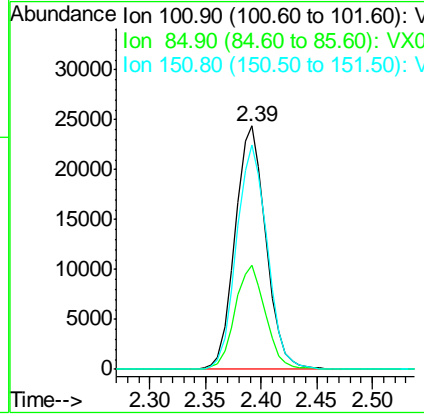
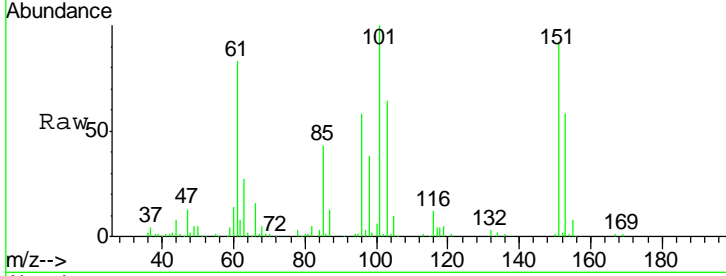
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.20 ug/l  
 RT: 2.39 min Scan# 296  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
101	46776		
101	100		
85	42.1	34.0	51.0
151	91.9	75.8	113.8

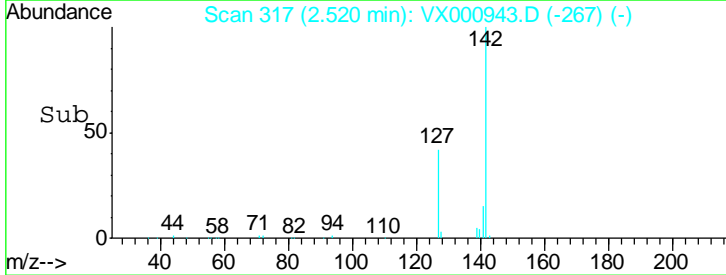
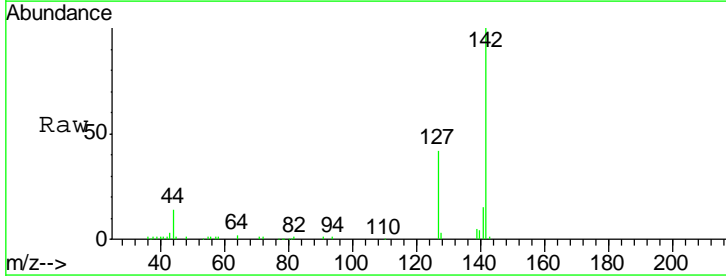
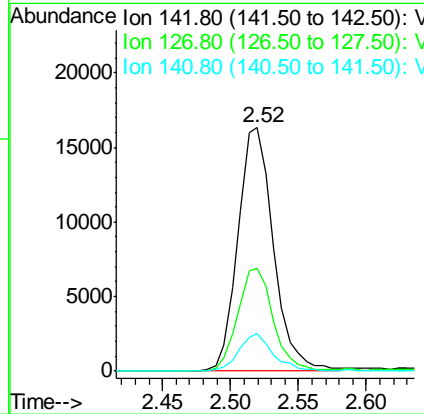
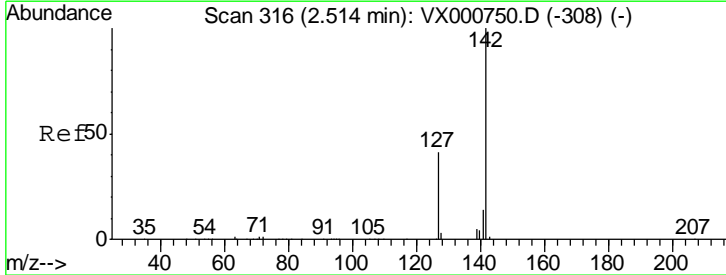
Manual Integrations  
 APPROVED

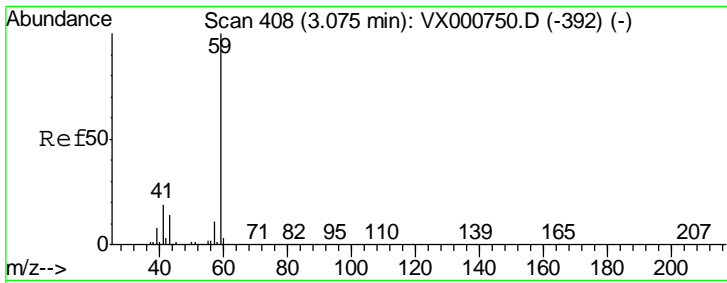
MMDadoda  
 4/18/2018 2:45:13 PM



#10  
 Methyl Iodide  
 Concen: 22.76 ug/l  
 RT: 2.52 min Scan# 317  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
142	29870		
142	100		
127	42.6	32.6	49.0
141	14.7	11.5	17.3





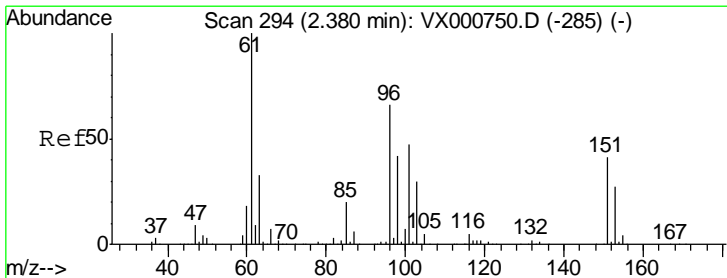
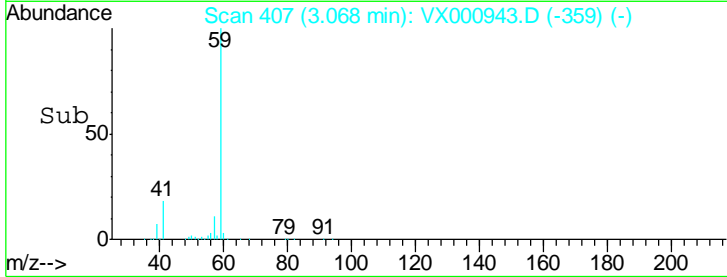
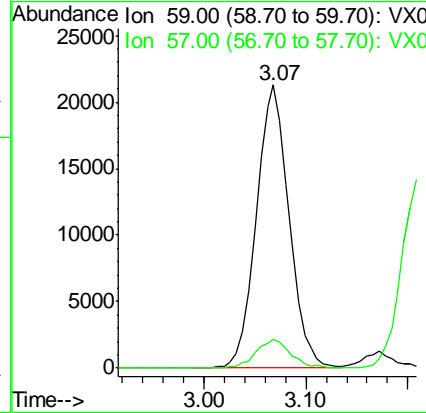
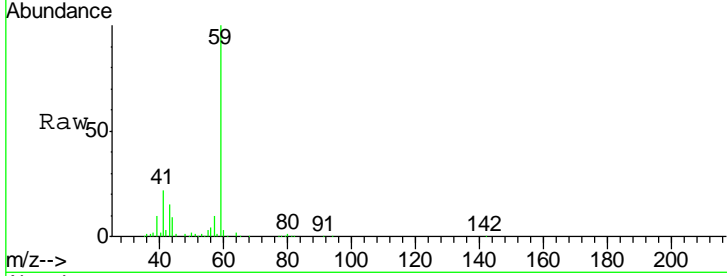
#11  
 Tert butyl alcohol  
 Concen: 93.18 ug/l  
 RT: 3.07 min Scan# 407  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion: 59 Resp: 47534  
 Ion Ratio Lower Upper  
 59 100  
 57 10.9 8.4 12.6

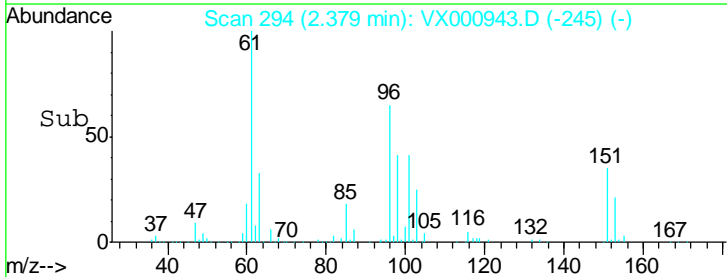
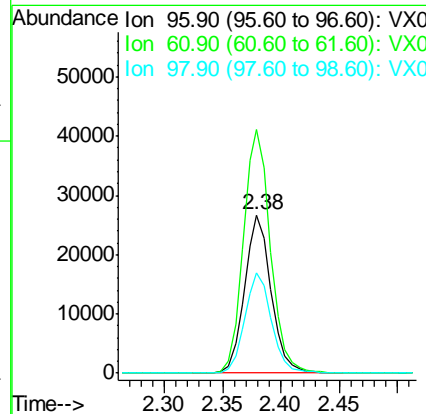
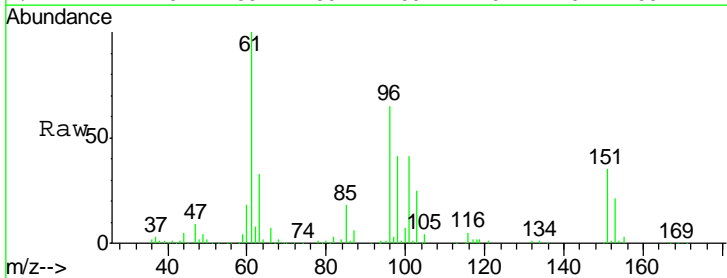
Manual Integrations  
 APPROVED

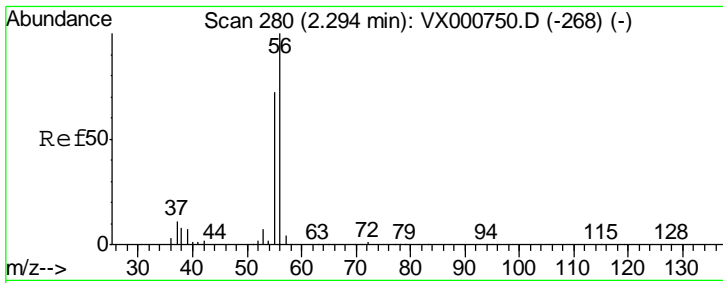
MMDadoda  
 4/18/2018 2:45:13 PM



#12  
 1,1-Dichloroethene  
 Concen: 20.20 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion: 96 Resp: 42255  
 Ion Ratio Lower Upper  
 96 100  
 61 153.9 120.5 180.7  
 98 63.1 50.9 76.3





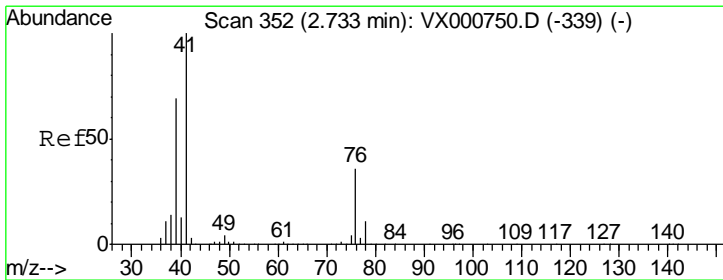
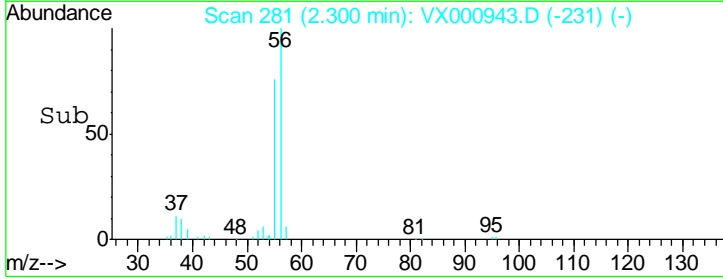
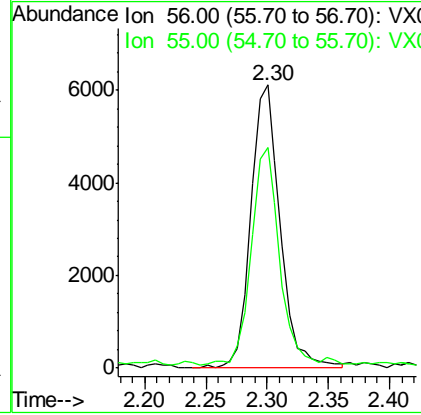
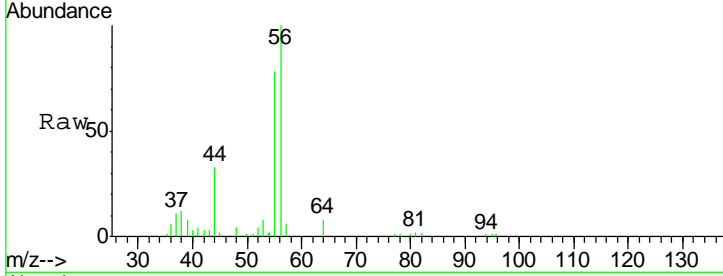
#13  
 Acrolein  
 Concen: 41.25 ug/l  
 RT: 2.30 min Scan# 281  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
56	10218		
55	72.8	58.7	88.1

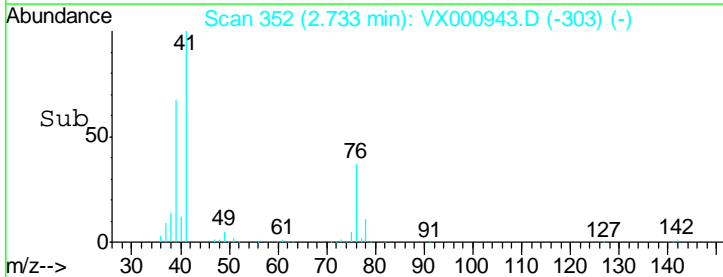
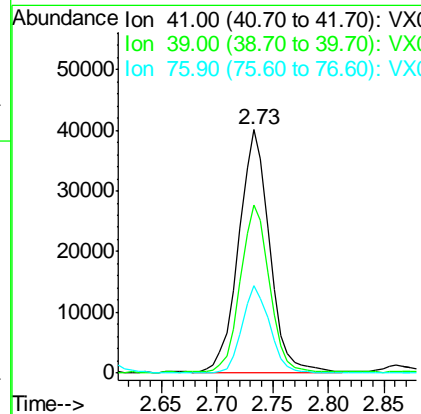
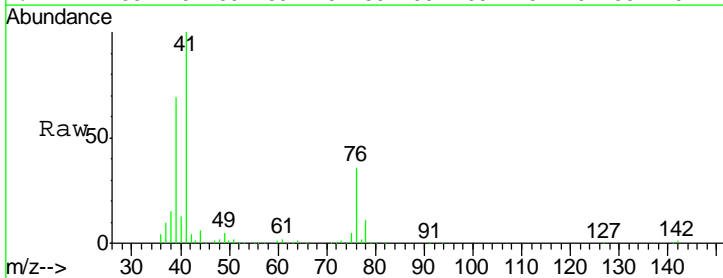
Manual Integrations  
 APPROVED

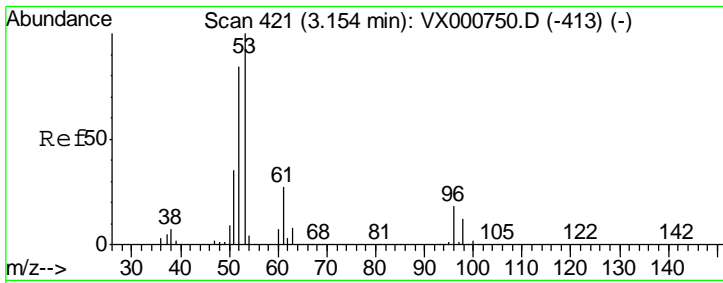
MMDadoda  
 4/18/2018 2:45:13 PM



#14  
 Allyl chloride  
 Concen: 19.85 ug/l  
 RT: 2.73 min Scan# 352  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

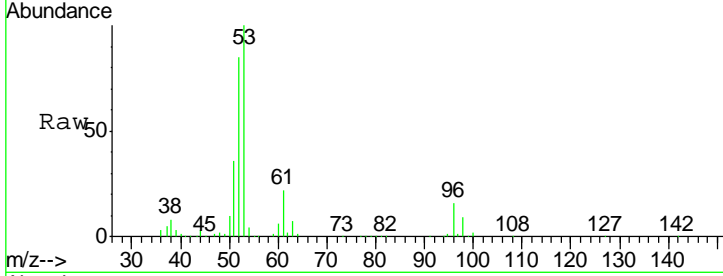
Tgt Ion	Resp	Lower	Upper
41	76765		
39	64.8	51.5	77.3
76	32.5	26.5	39.7





#15  
 Acrylonitrile  
 Concen: 115.10 ug/l  
 RT: 3.15 min Scan# 421  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

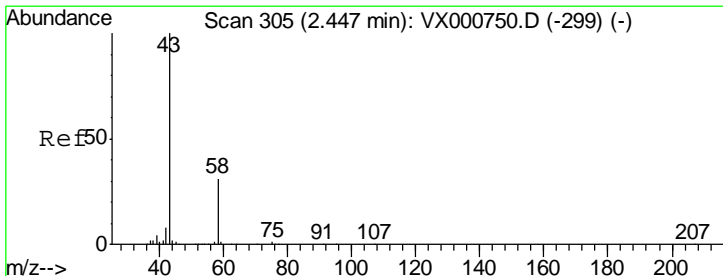
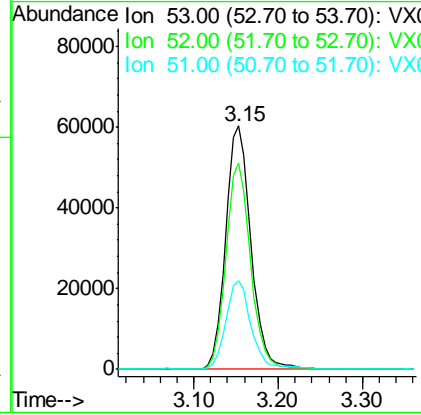
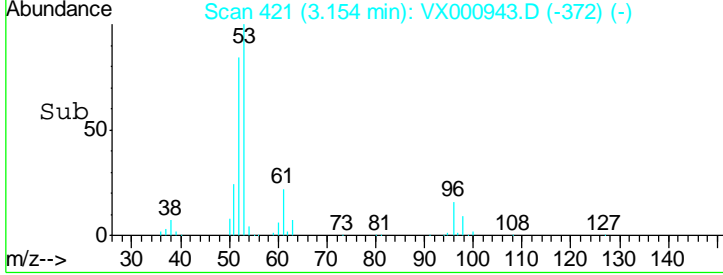


Tgt Ion: 53 Resp: 125177

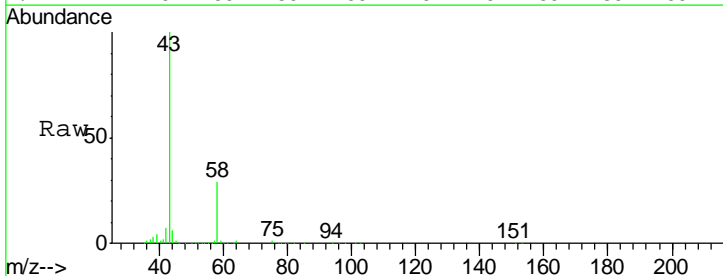
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.5	99.7
51	36.4	28.8	43.2

**Manual Integrations**  
**APPROVED**

MMDadoda  
 4/18/2018 2:45:13 PM

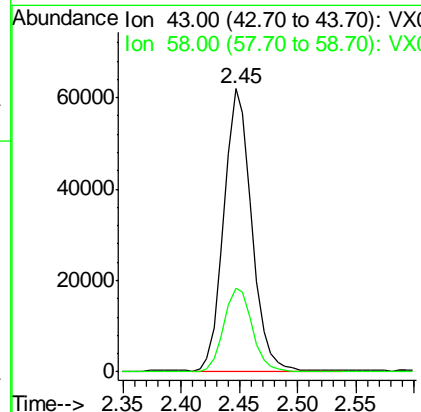
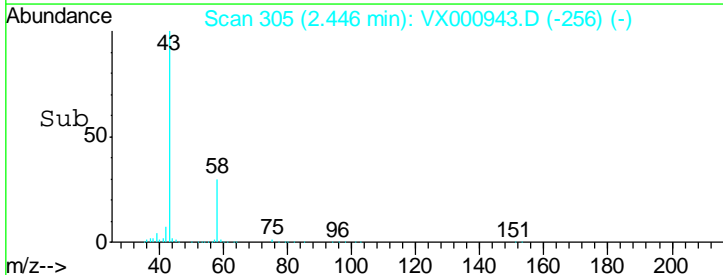


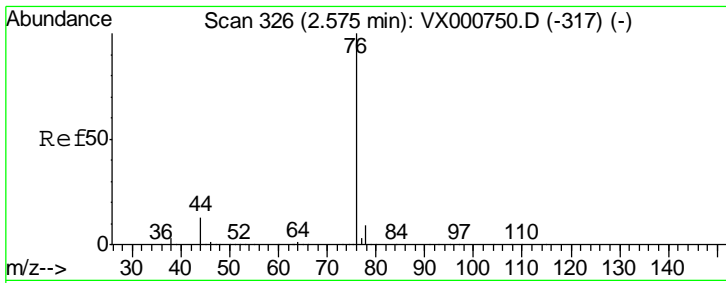
#16  
 Acetone  
 Concen: 102.33 ug/l  
 RT: 2.45 min Scan# 305  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27



Tgt Ion: 43 Resp: 101393

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.6	37.0



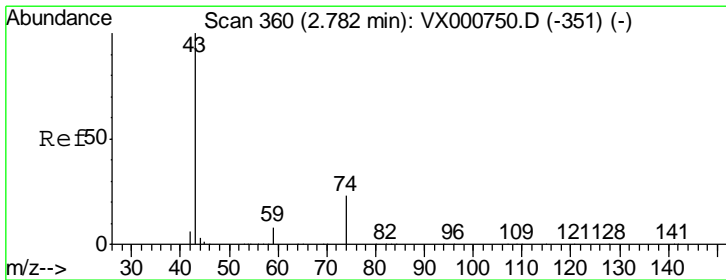
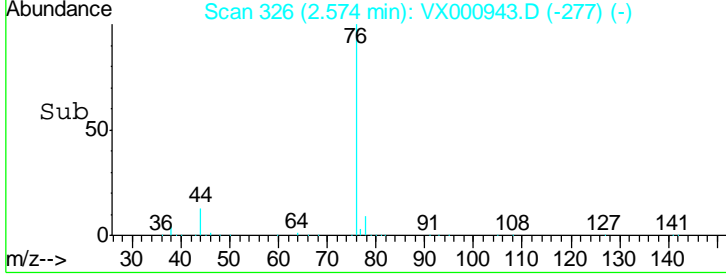
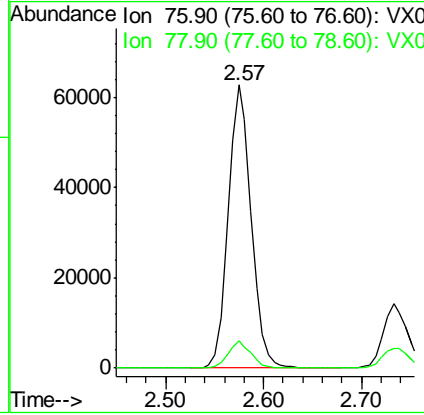
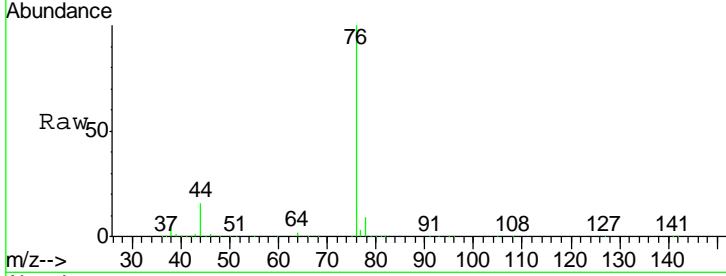


#17  
 Carbon Disulfide  
 Concen: 16.07 ug/l  
 RT: 2.57 min Scan# 326  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

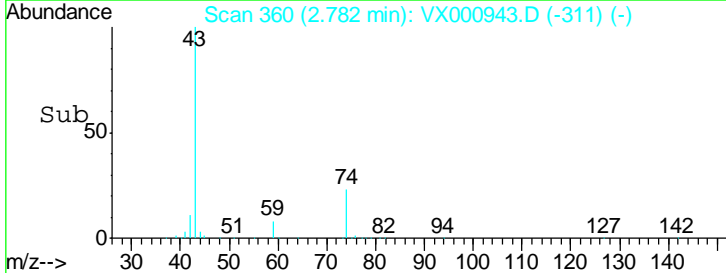
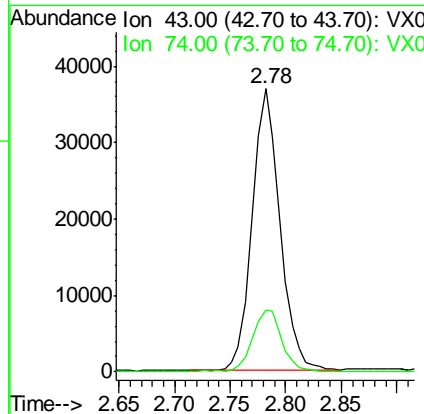
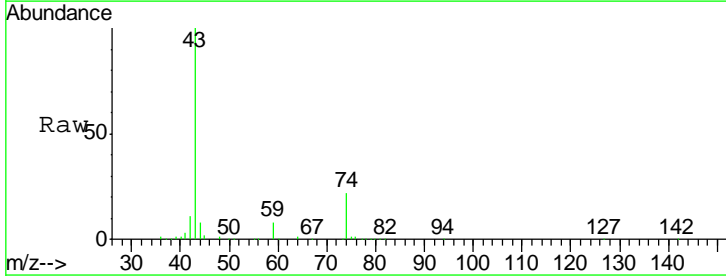
Tgt Ion	Resp	Lower	Upper
76	101751		
76	100		
78	9.3	7.4	11.2

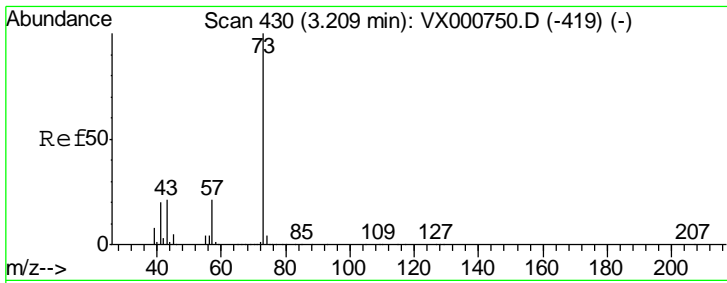
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#18  
 Methyl Acetate  
 Concen: 25.12 ug/l  
 RT: 2.78 min Scan# 360  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
43	64417		
43	100		
74	23.5	19.1	28.7





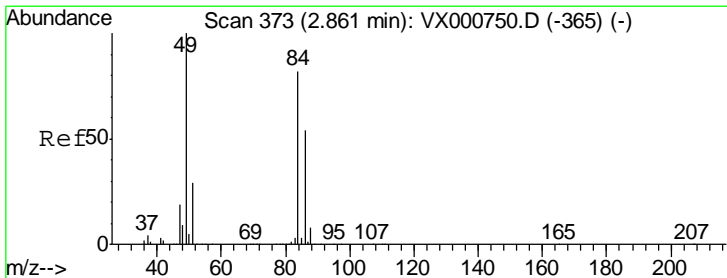
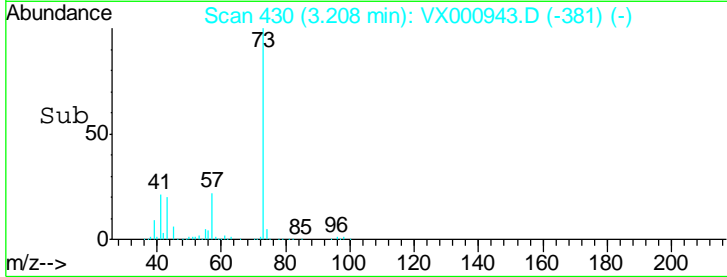
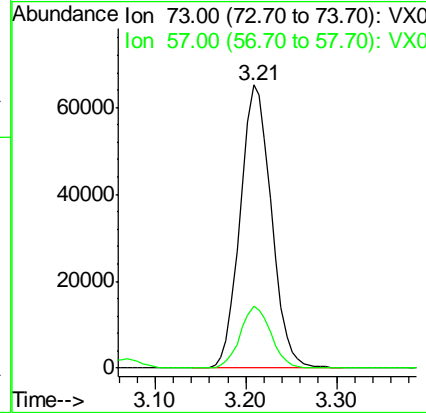
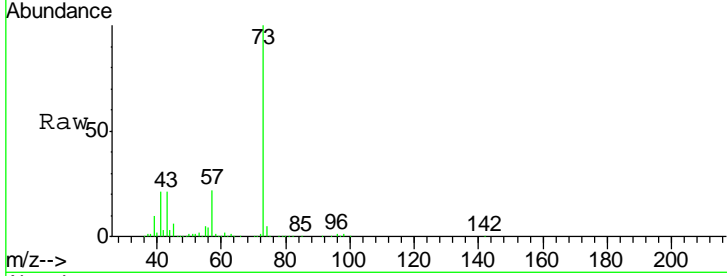
#19  
 Methyl tert-butyl Ether  
 Concen: 22.31 ug/l  
 RT: 3.21 min Scan# 430  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
73	155422		
73	100		
57	21.7	16.9	25.3

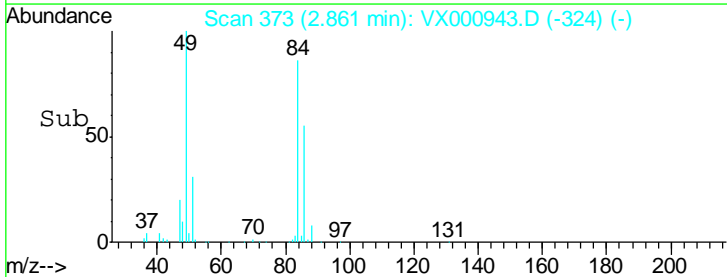
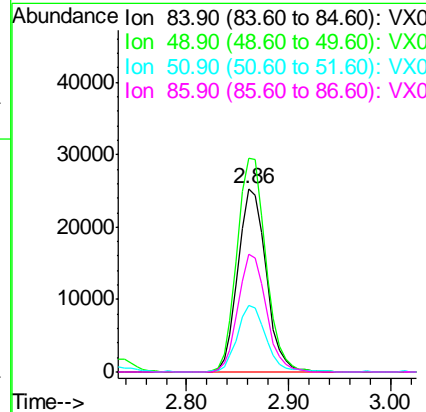
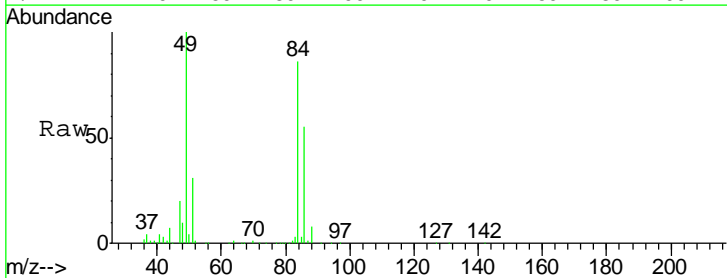
**Manual Integrations**  
**APPROVED**

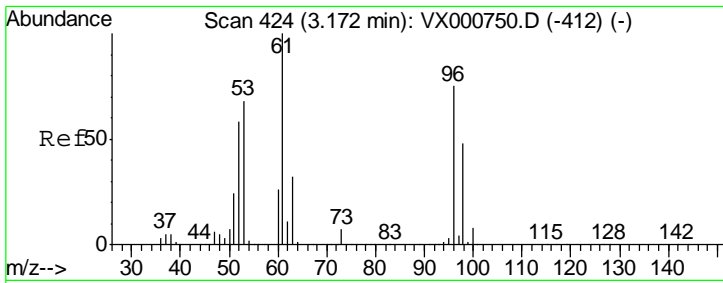
MMDadoda  
 4/18/2018 2:45:13 PM



#20  
 Methylene Chloride  
 Concen: 21.08 ug/l  
 RT: 2.86 min Scan# 373  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
84	48580		
84	100		
49	116.5	98.1	147.1
51	36.1	28.9	43.3
86	64.2	52.7	79.1





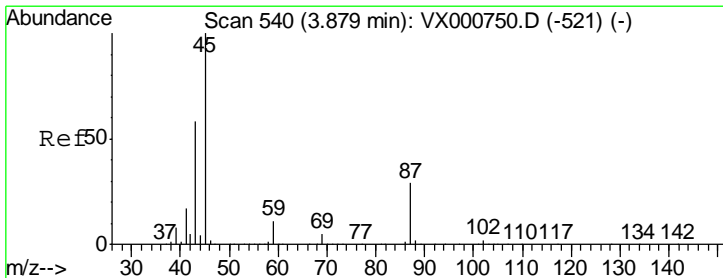
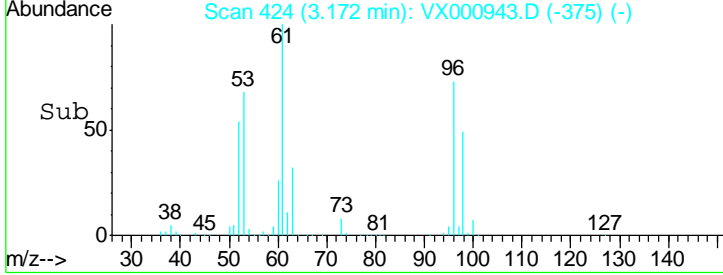
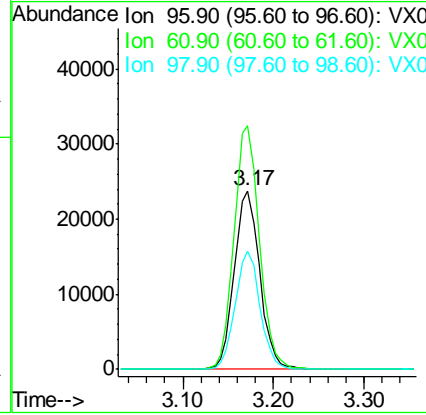
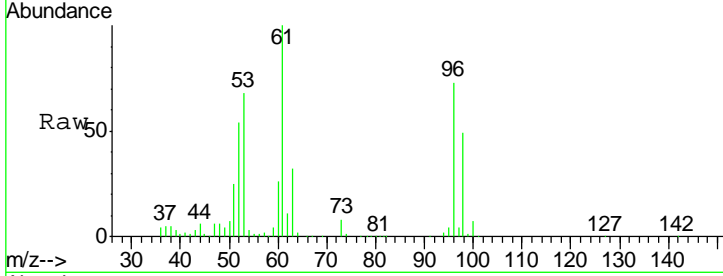
#21  
 trans-1,2-Dichloroethene  
 Concen: 20.11 ug/l  
 RT: 3.17 min Scan# 424  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
96	46376		
61	136.5	106.2	159.2
98	66.4	51.2	76.8

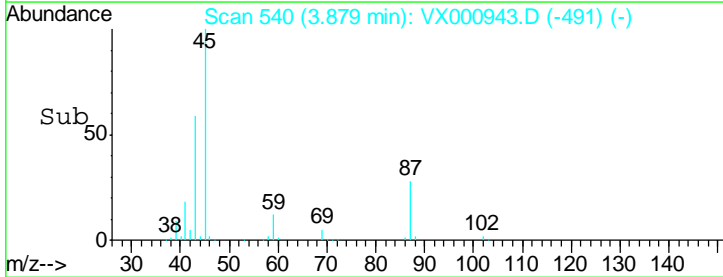
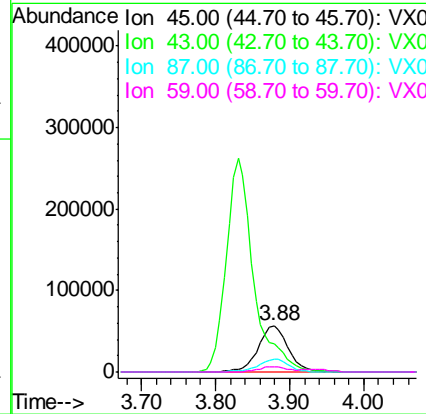
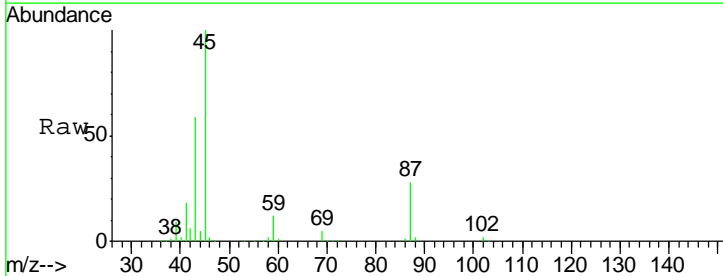
Manual Integrations  
 APPROVED

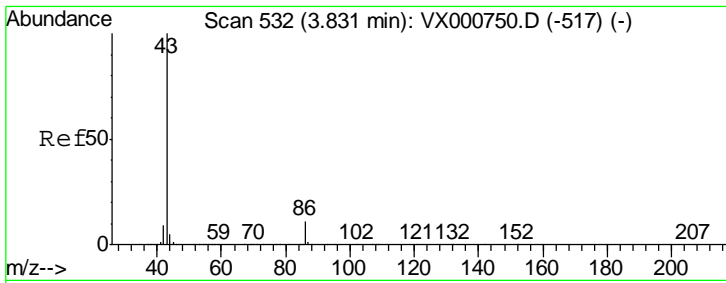
MMDadoda  
 4/18/2018 2:45:13 PM



#22  
 Diisopropyl ether  
 Concen: 22.65 ug/l  
 RT: 3.88 min Scan# 540  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
45	160977		
43	58.8	46.6	69.8
87	28.2	22.9	34.3
59	11.7	9.2	13.8



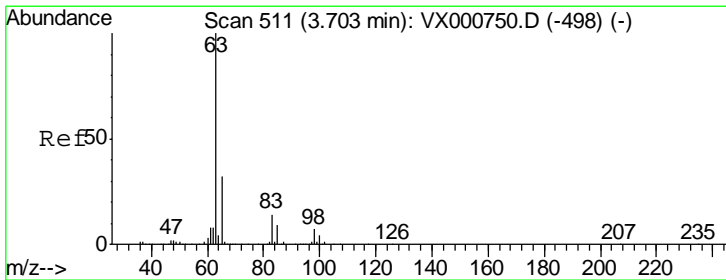
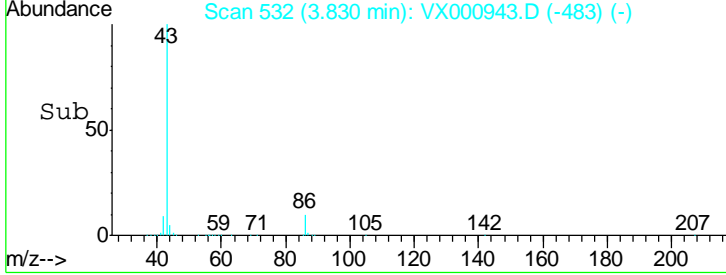
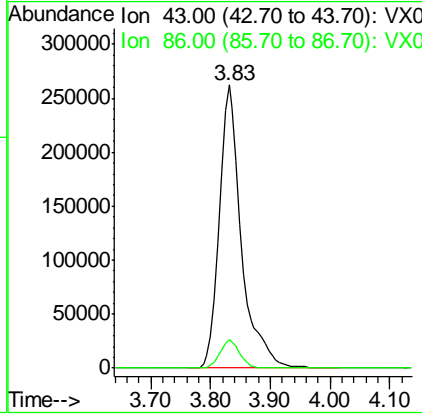
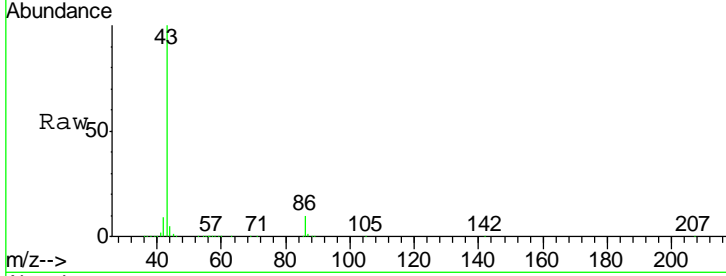


#23  
 Vinyl Acetate  
 Concen: 108.06 ug/l  
 RT: 3.83 min Scan# 532  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.6	12.8

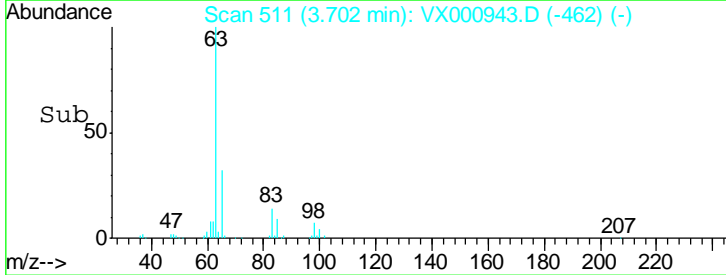
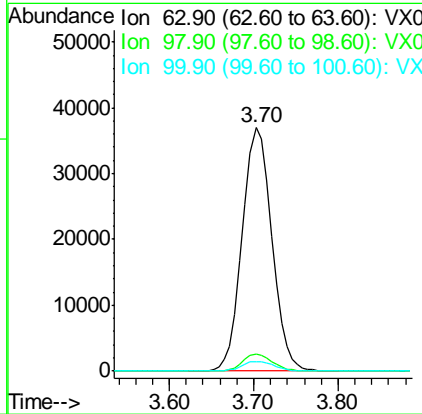
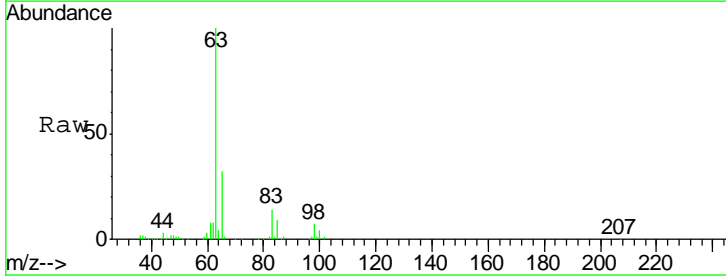
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM

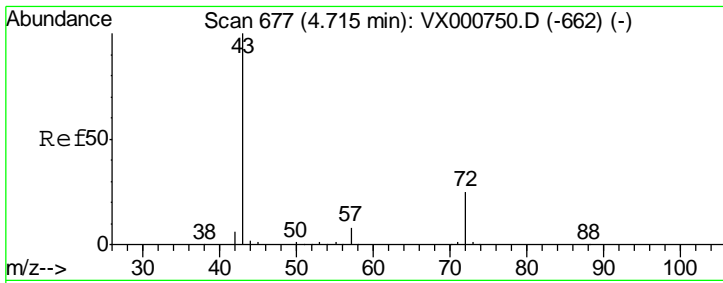


#24  
 1,1-Dichloroethane  
 Concen: 22.06 ug/l  
 RT: 3.70 min Scan# 511  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.9
100	3.8	2.1	6.3







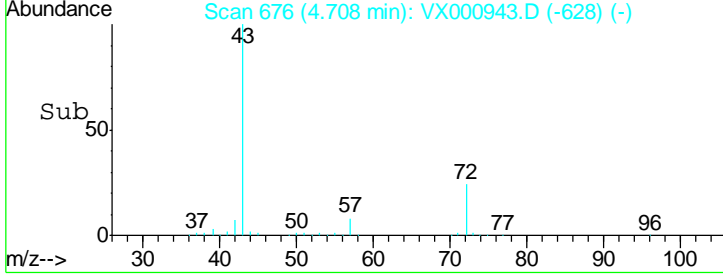
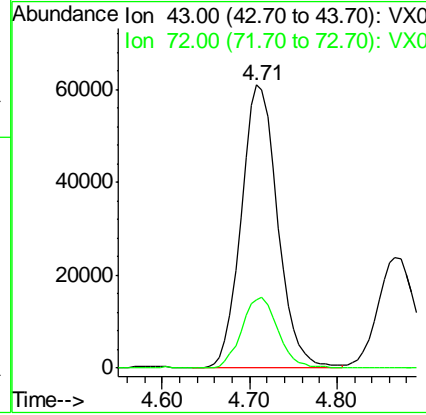
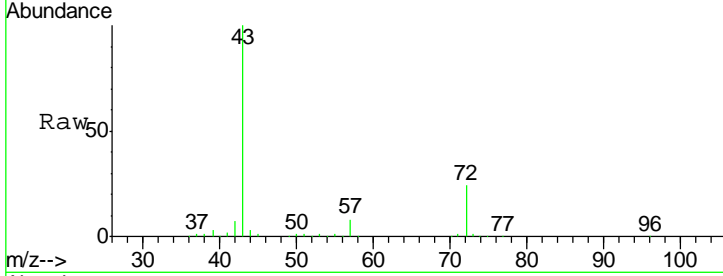
#25  
 2-Butanone  
 Concen: 106.97 ug/l  
 RT: 4.71 min Scan# 676  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

Tgt Ion: 43 Resp: 175030

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.3	30.5

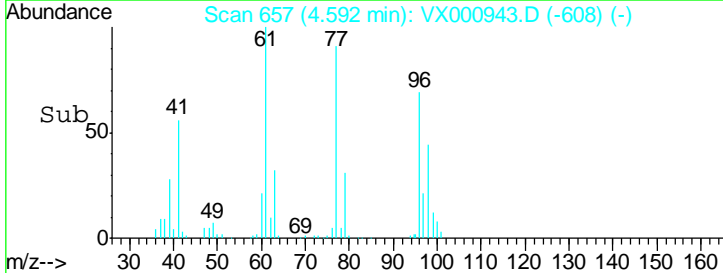
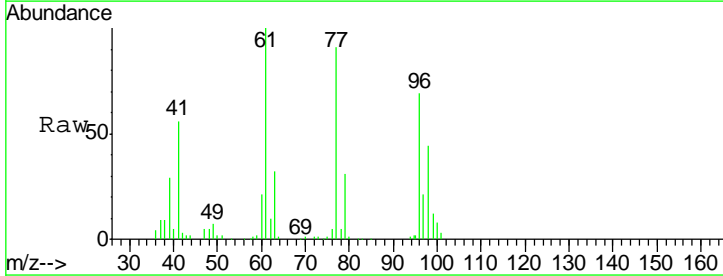
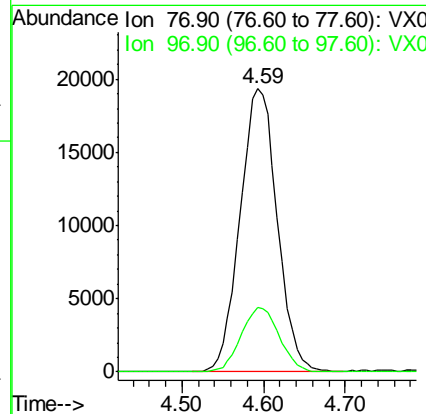
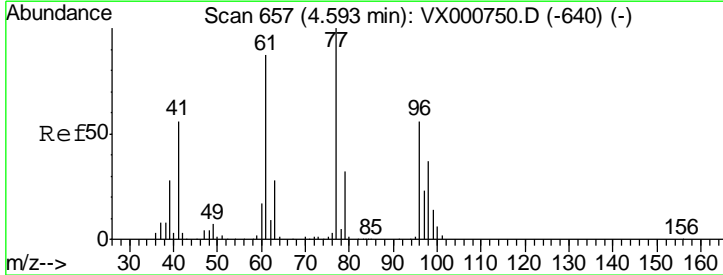
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM

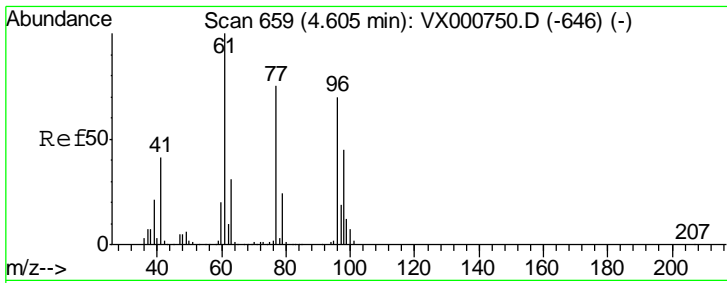


#26  
 2,2-Dichloropropane  
 Concen: 15.43 ug/l  
 RT: 4.59 min Scan# 657  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion: 77 Resp: 61088

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.5	34.4





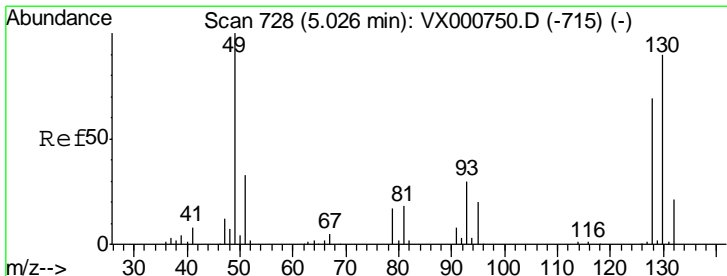
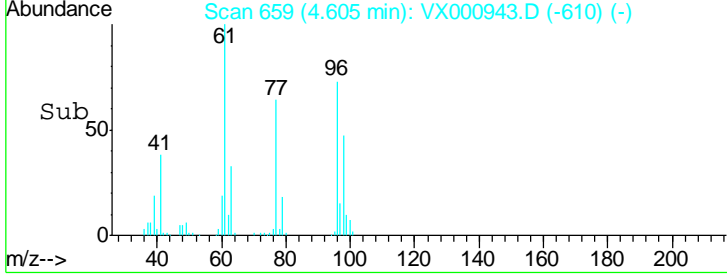
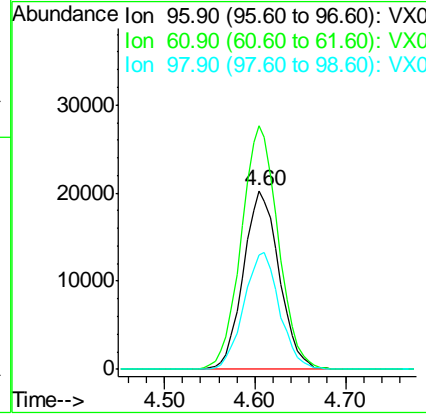
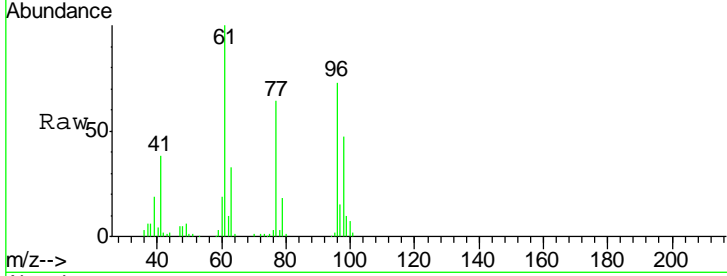
#27  
 cis-1,2-Dichloroethene  
 Concen: 21.13 ug/l  
 RT: 4.60 min Scan# 659  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
96	55315		
96	100		
61	141.2	0.0	292.4
98	65.1	0.0	130.2

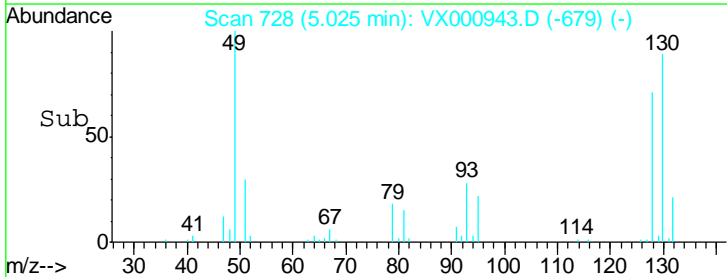
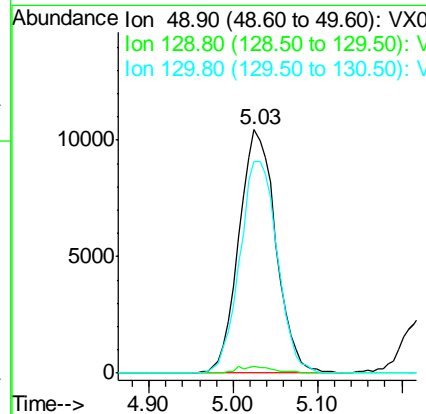
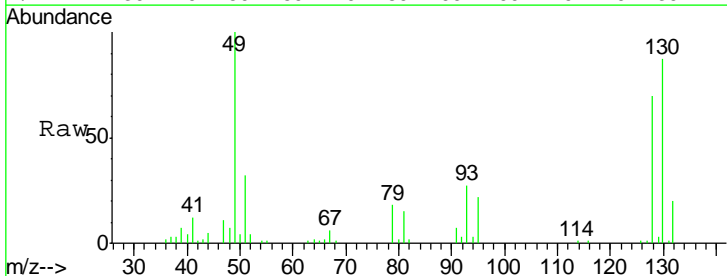
Manual Integrations  
 APPROVED

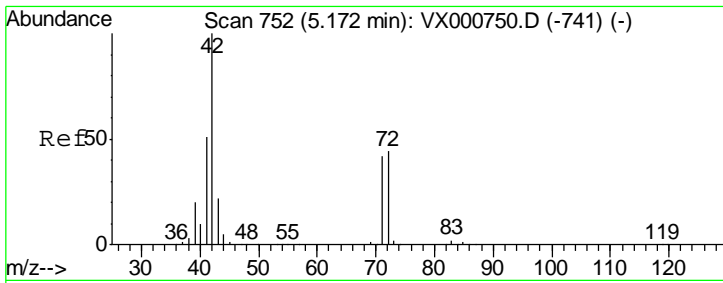
MMDadoda  
 4/18/2018 2:45:13 PM



#28  
 Bromochloromethane  
 Concen: 19.23 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
49	30874		
49	100		
129	2.6	0.0	5.2
130	89.0	72.6	109.0





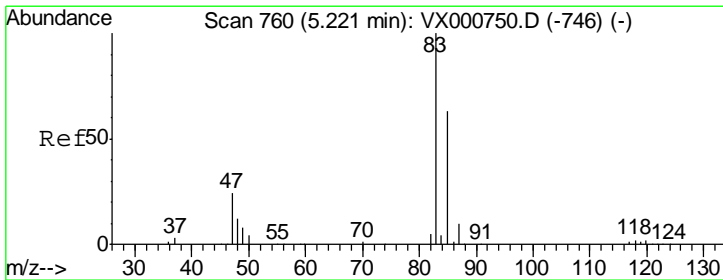
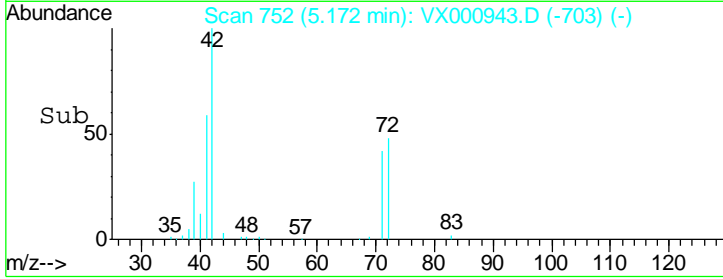
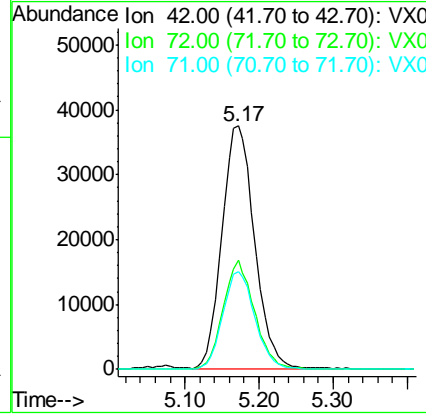
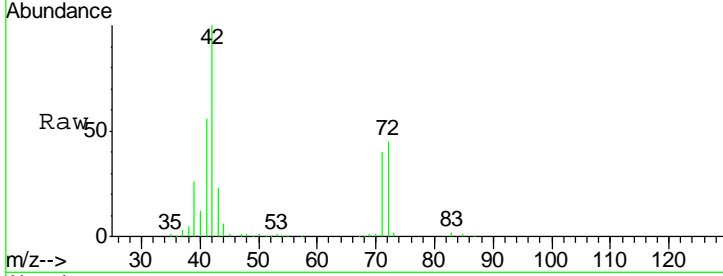
#29  
 Tetrahydrofuran  
 Concen: 109.55 ug/l  
 RT: 5.17 min Scan# 752  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
42	113815		
72	43.2	35.1	52.7
71	39.8	32.8	49.2

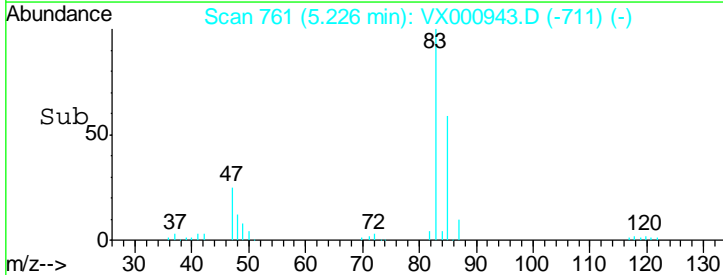
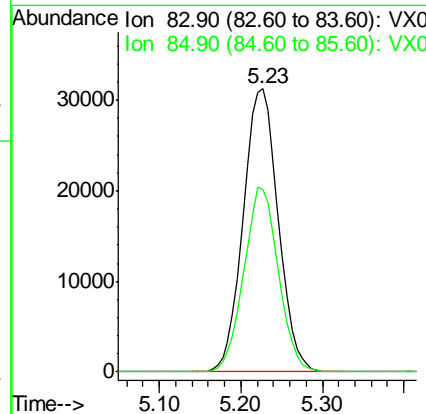
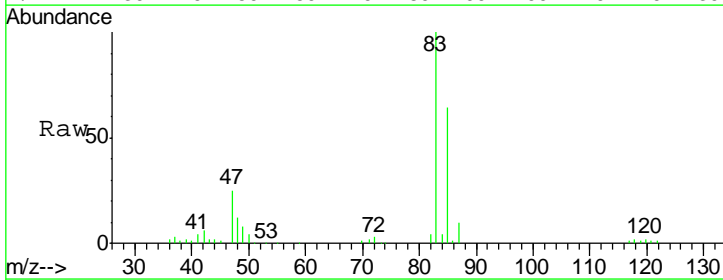
Manual Integrations  
 APPROVED

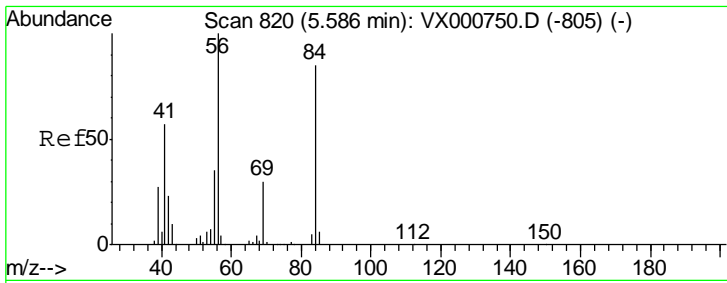
MMDadoda  
 4/18/2018 2:45:13 PM



#30  
 Chloroform  
 Concen: 22.06 ug/l  
 RT: 5.23 min Scan# 761  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
83	93140		
85	64.2	50.7	76.1





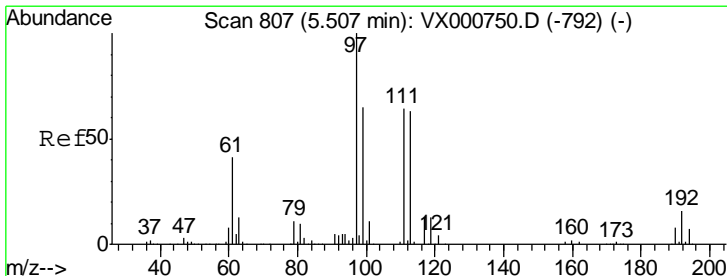
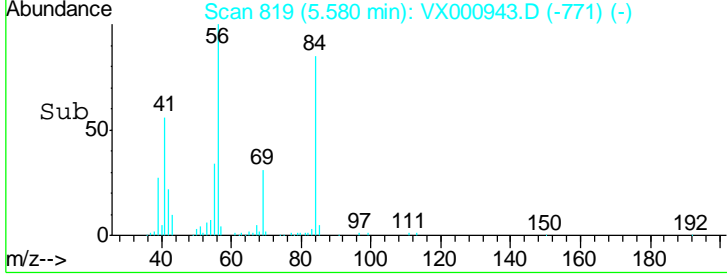
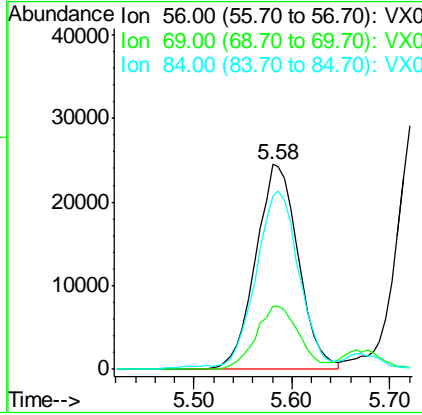
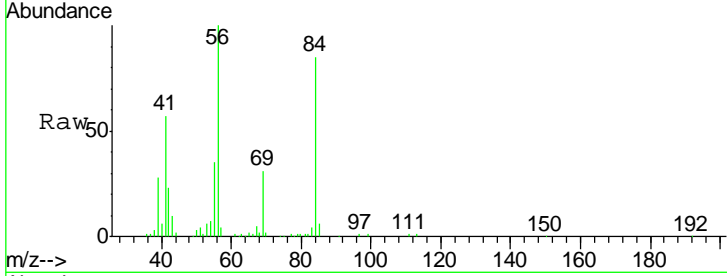
#31  
 Cyclohexane  
 Concen: 19.60 ug/l  
 RT: 5.58 min Scan# 819  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
56	100		
69	30.8	24.2	36.4
84	83.3	67.6	101.4

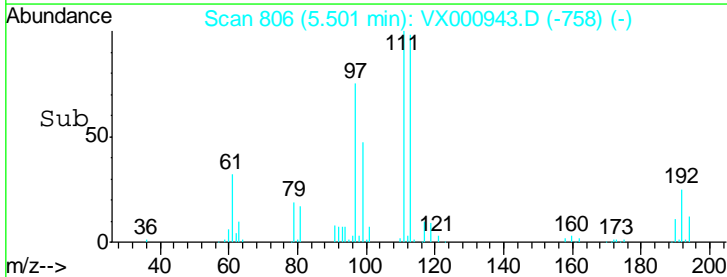
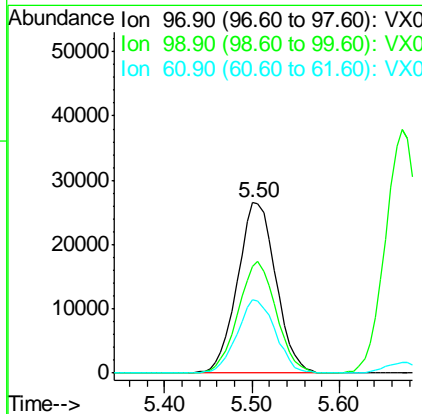
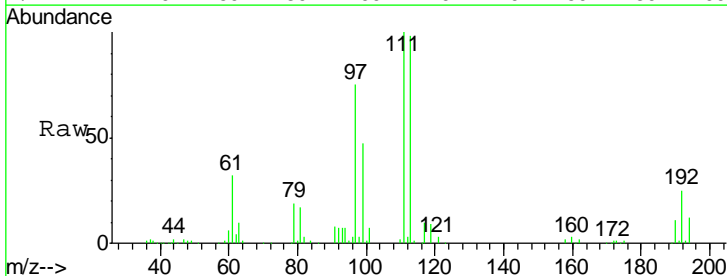
**Manual Integrations**  
**APPROVED**

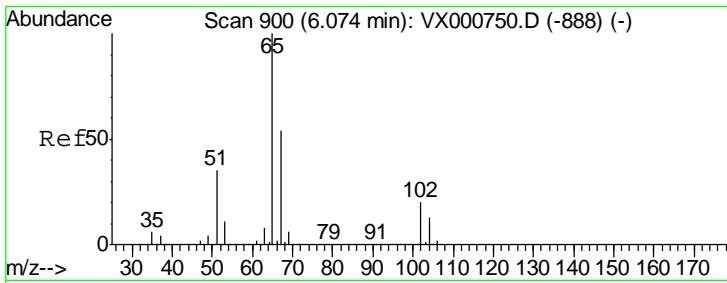
MMDadoda  
 4/18/2018 2:45:13 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 20.18 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	43.0	33.7	50.5



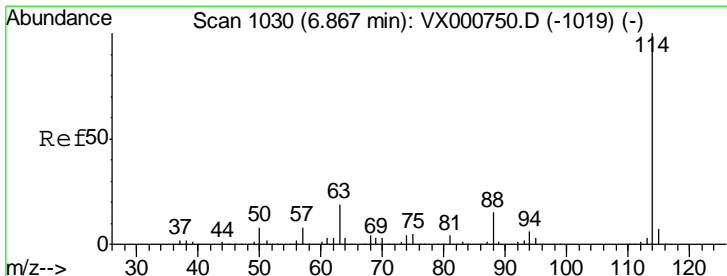
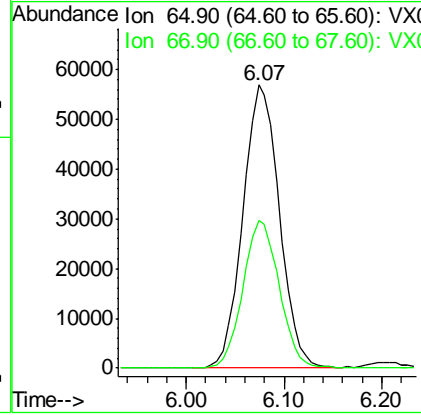
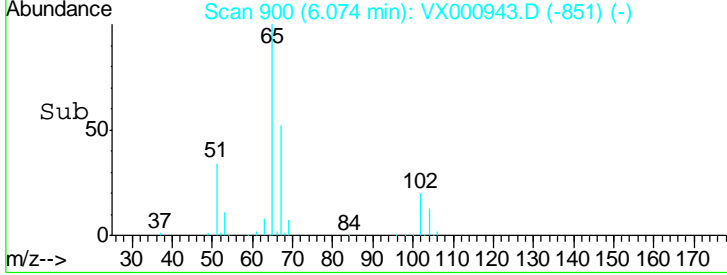
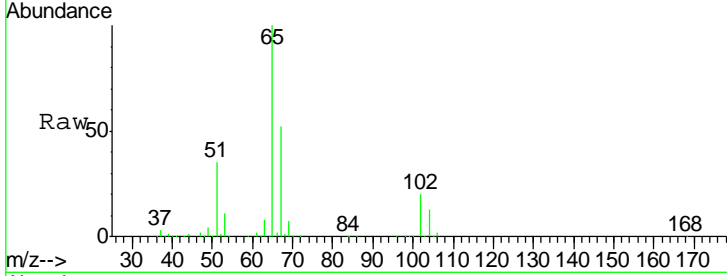


#33  
 1,2-Dichloroethane-d4  
 Concen: 51.19 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
65	147070		
67	51.9	0.0	103.8

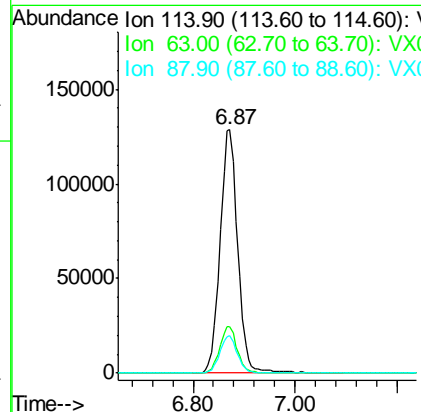
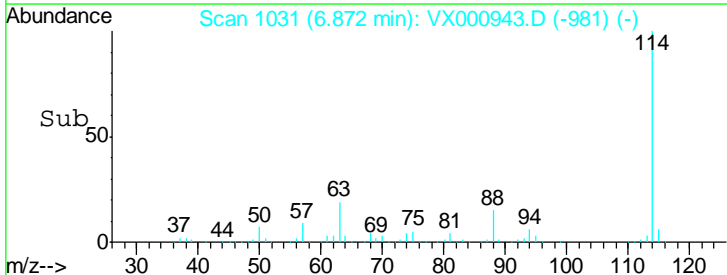
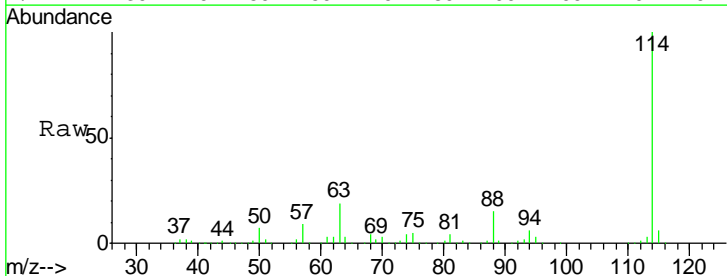
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

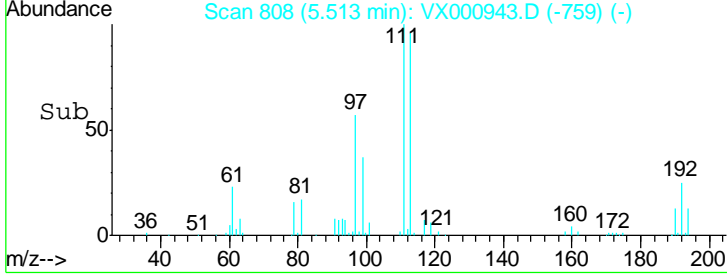
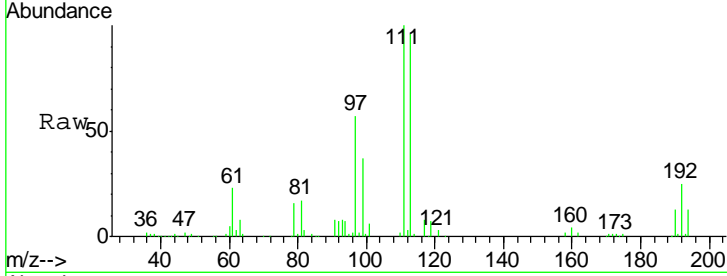
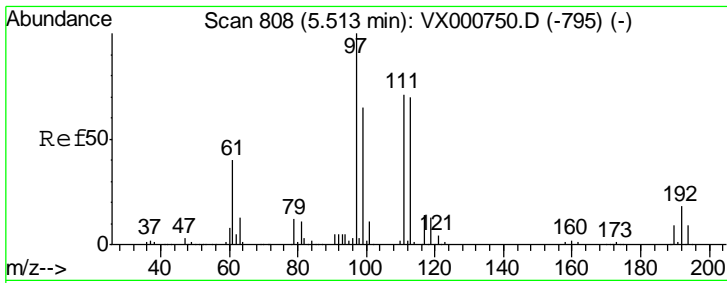
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1031  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
114	310303		
63	19.2	0.0	38.4
88	15.2	0.0	31.0



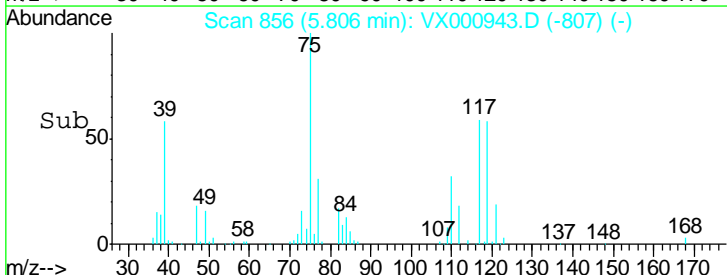
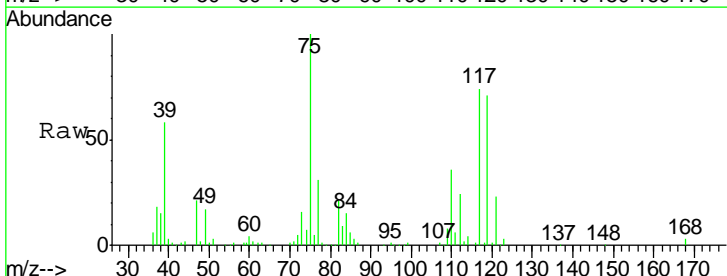
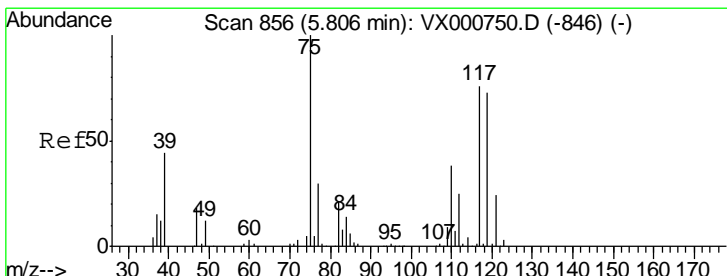
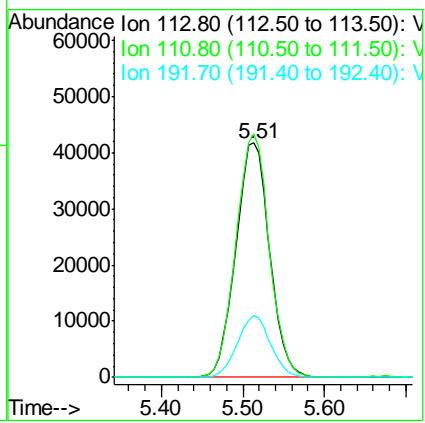


#35  
 Dibromofluoromethane  
 Concen: 50.14 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
113	119870		
113	100		
111	102.3	81.5	122.3
192	25.7	20.4	30.6

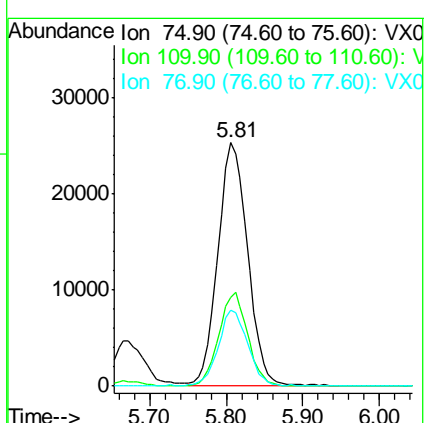
Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

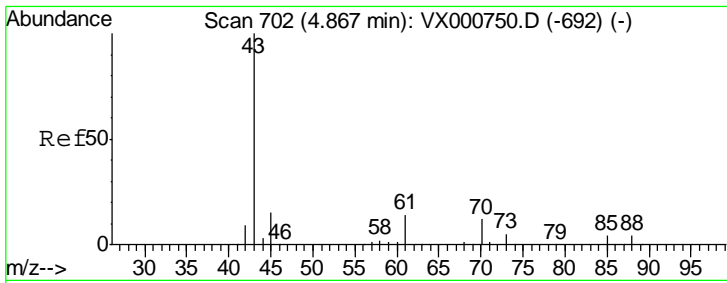
Manual Integrations APPROVED  
 MMDadoda  
 4/18/2018 2:45:13 PM



#36  
 1,1-Dichloropropene  
 Concen: 19.84 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
75	67813		
75	100		
110	37.2	19.2	57.6
77	31.3	25.4	38.2





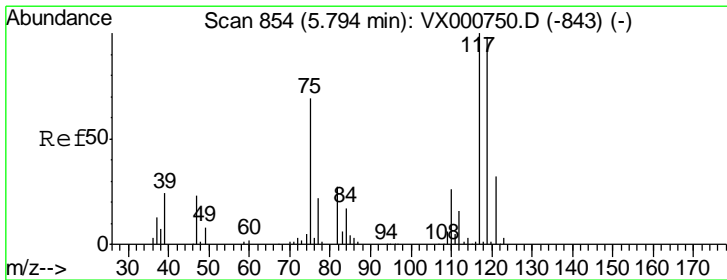
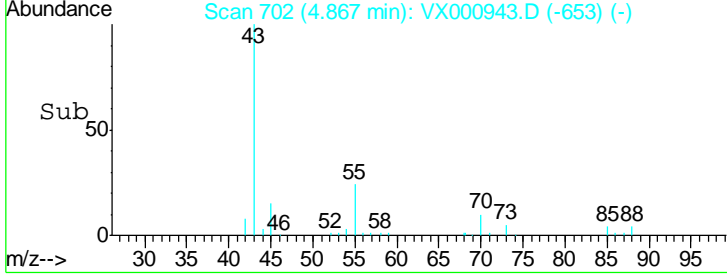
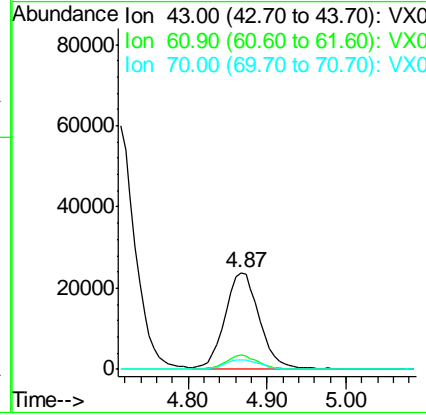
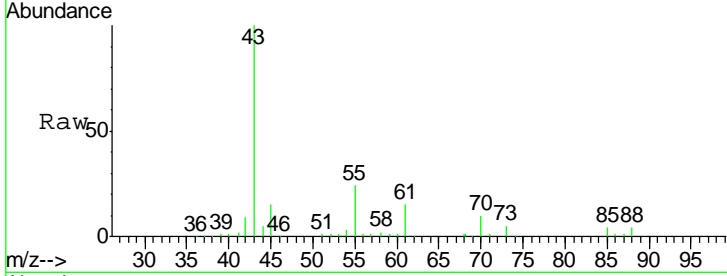
#37  
 Ethyl Acetate  
 Concen: 21.47 ug/l  
 RT: 4.87 min Scan# 702  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.3	8.7	13.1

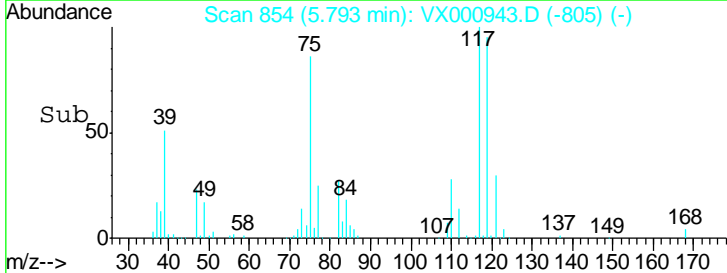
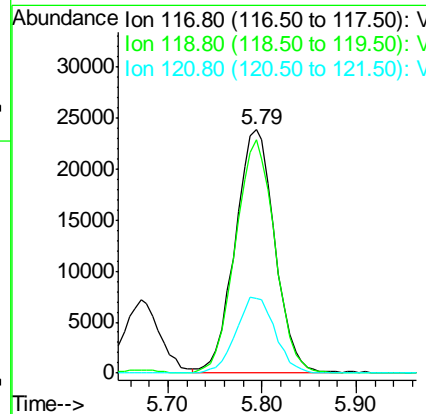
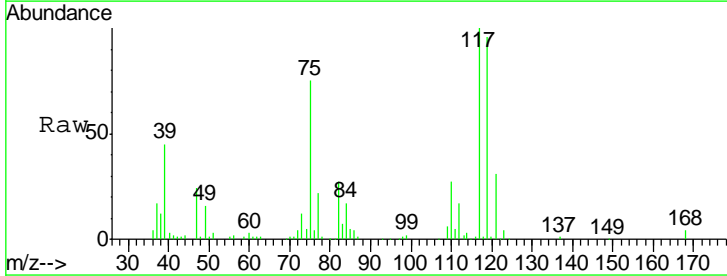
**Manual Integrations**  
**APPROVED**

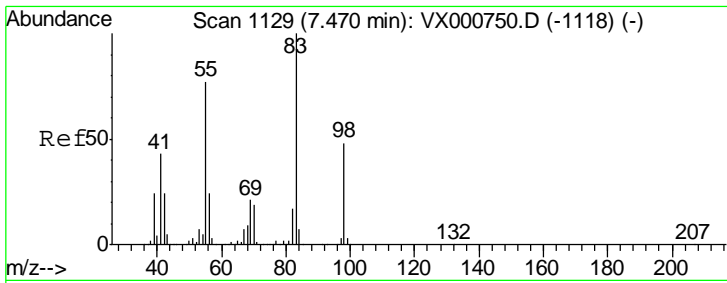
MMDadoda  
 4/18/2018 2:45:13 PM



#38  
 Carbon Tetrachloride  
 Concen: 18.19 ug/l  
 RT: 5.79 min Scan# 854  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
117	100		
119	96.1	78.4	117.6
121	30.9	25.4	38.0





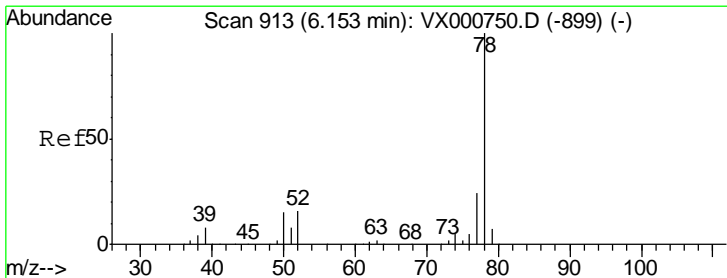
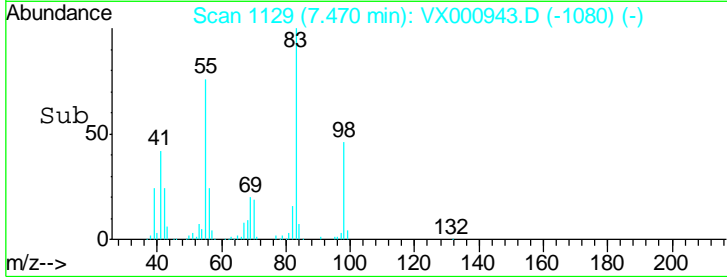
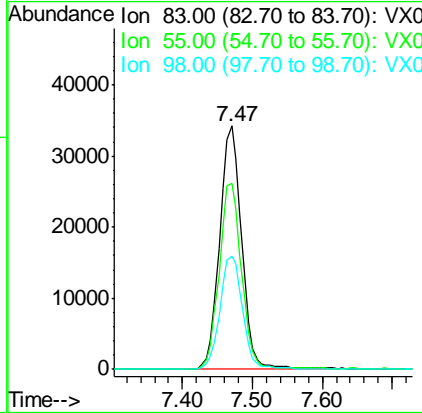
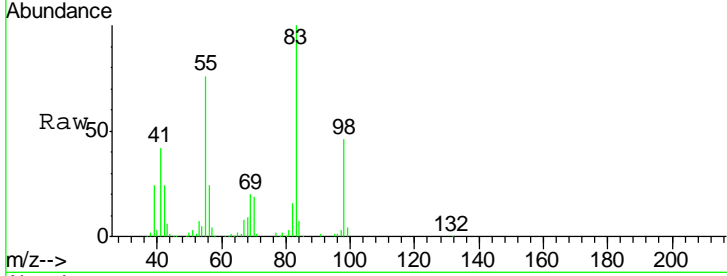
#39  
 Methylcyclohexane  
 Concen: 18.34 ug/l  
 RT: 7.47 min Scan# 1129  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
83	100		
55	76.2	61.5	92.3
98	46.3	38.1	57.1

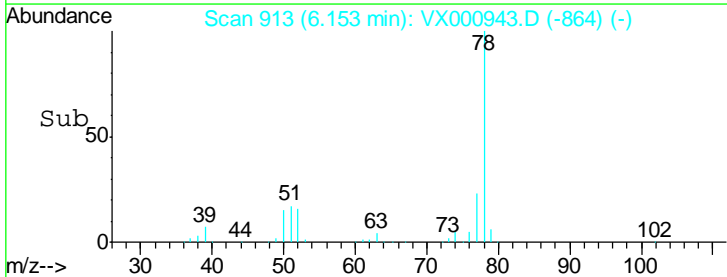
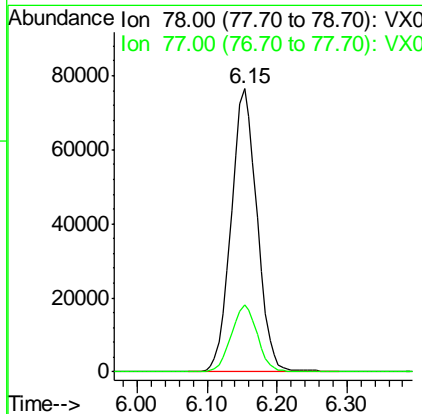
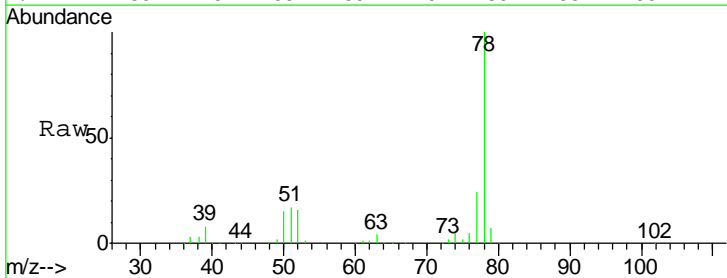
Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:13 PM

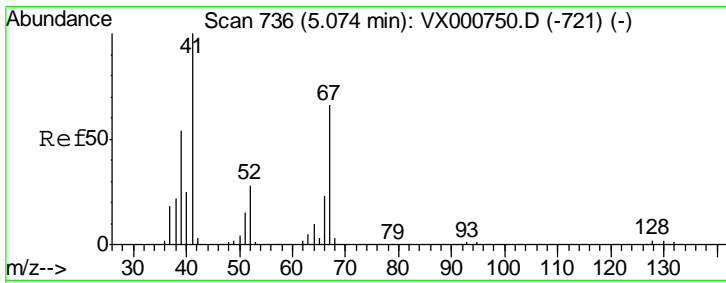


#40  
 Benzene  
 Concen: 20.79 ug/l  
 RT: 6.15 min Scan# 913  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
78	100		
77	23.8	19.0	28.6







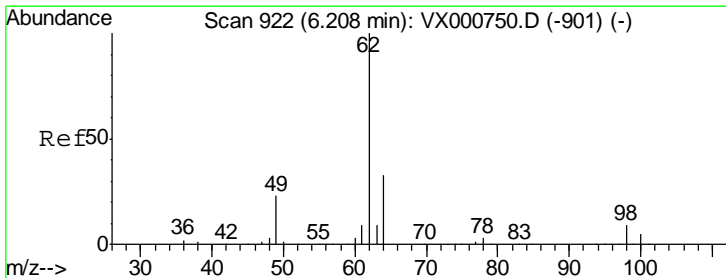
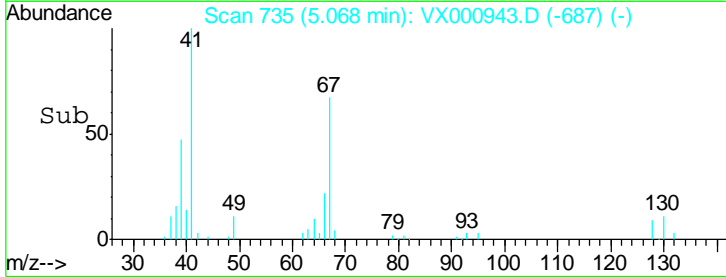
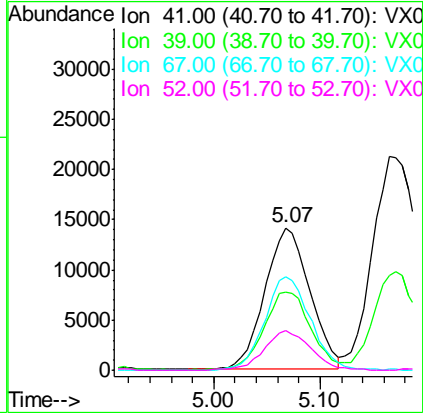
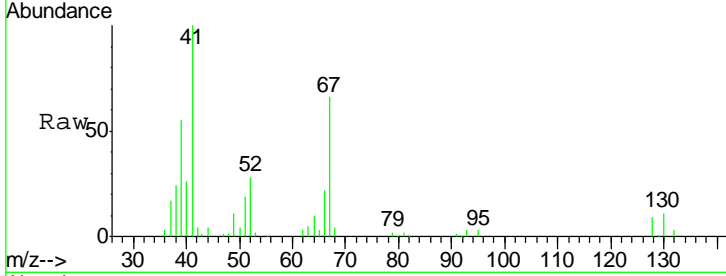
#41  
 Methacrylonitrile  
 Concen: 21.46 ug/l  
 RT: 5.07 min Scan# 735  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
41	100		
39	58.6	44.9	67.3
67	67.0	54.7	82.1
52	29.4	23.0	34.6

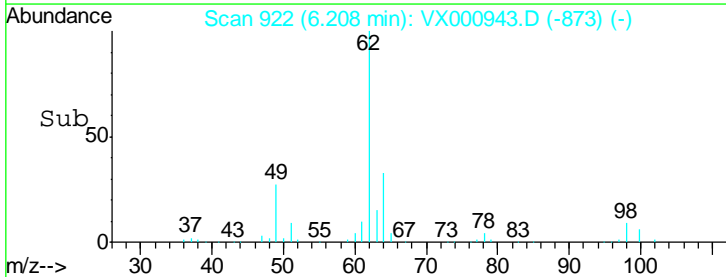
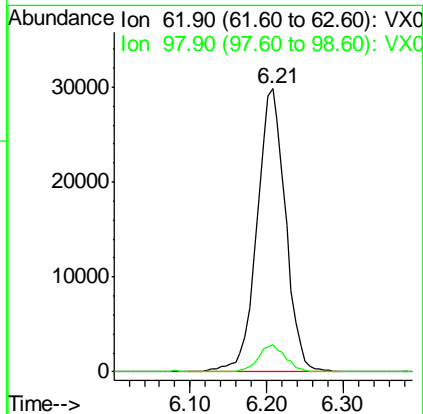
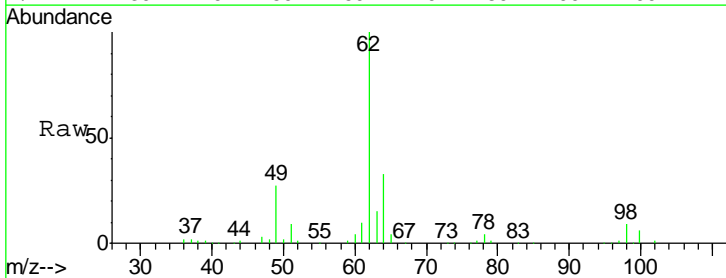
Manual Integrations  
 APPROVED

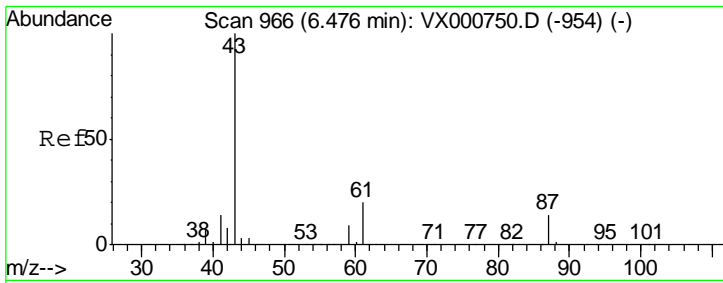
MMDadoda  
 4/18/2018 2:45:13 PM



#42  
 1,2-Dichloroethane  
 Concen: 21.87 ug/l  
 RT: 6.21 min Scan# 922  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
62	100		
98	9.0	0.0	18.6





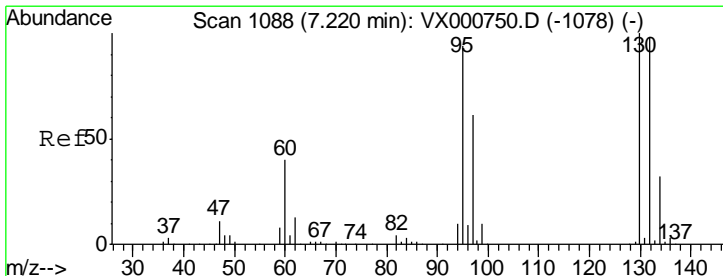
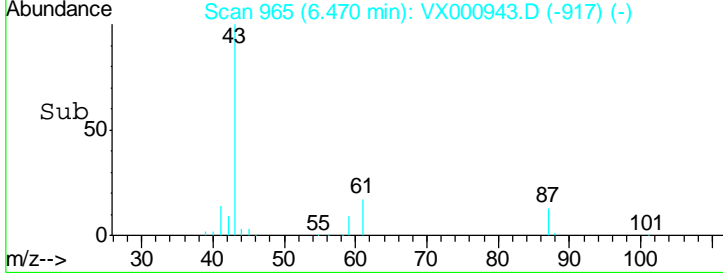
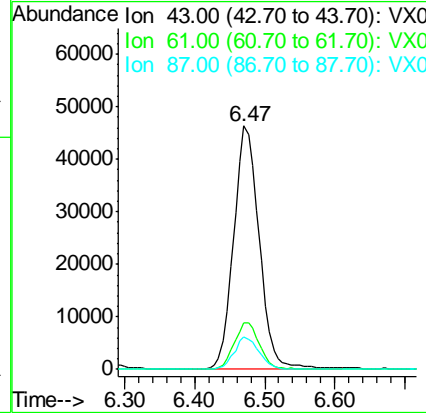
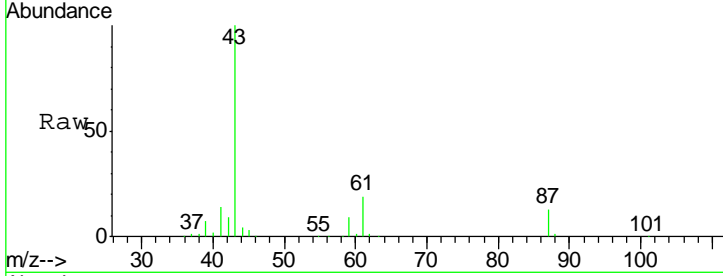
#43  
 Isopropyl Acetate  
 Concen: 20.68 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
43	118308		
61	19.0	15.6	23.4
87	13.0	10.7	16.1

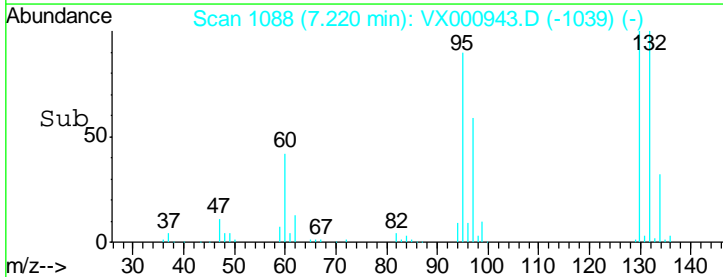
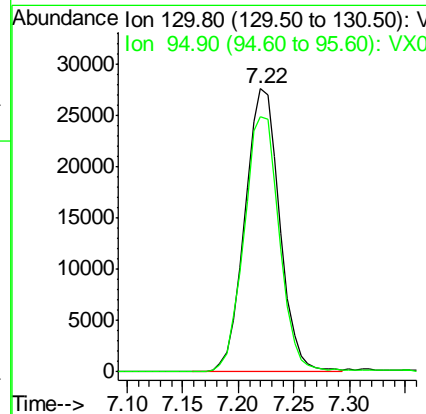
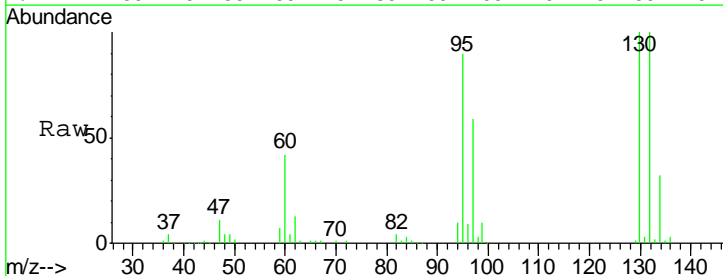
Manual Integrations  
 APPROVED

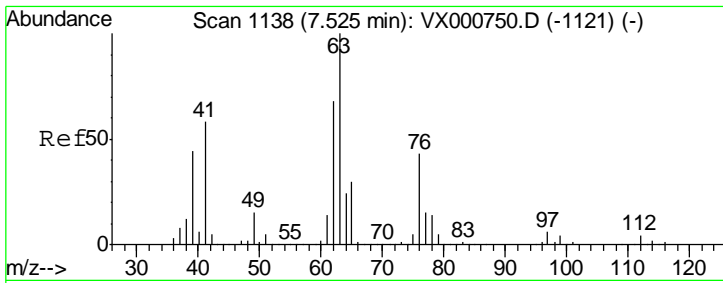
MMDadoda  
 4/18/2018 2:45:13 PM



#44  
 Trichloroethene  
 Concen: 20.35 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
130	60111		
95	90.2	0.0	187.0





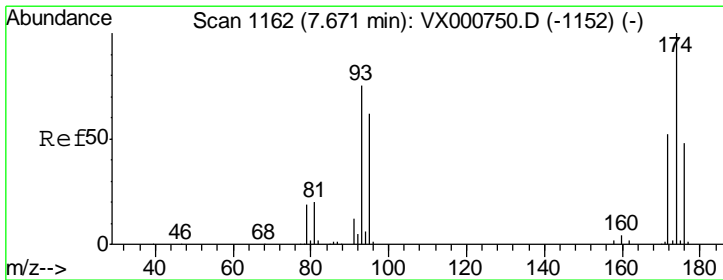
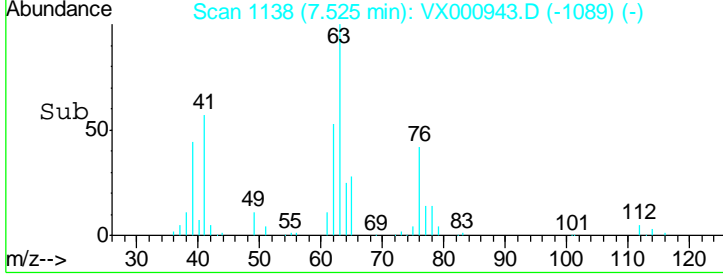
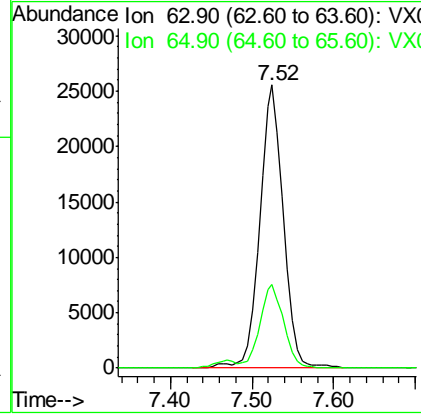
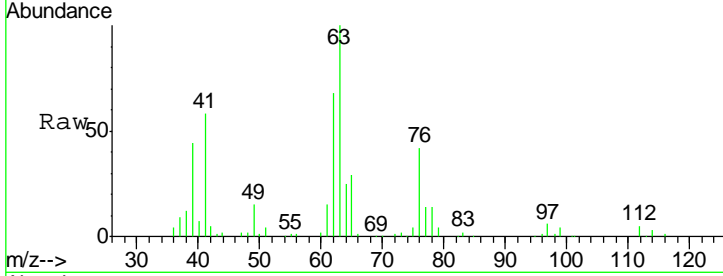
#45  
 1,2-Dichloropropane  
 Concen: 21.38 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
63	100		
65	29.5	23.7	35.5

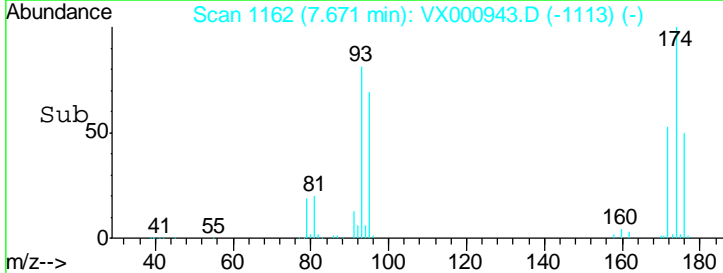
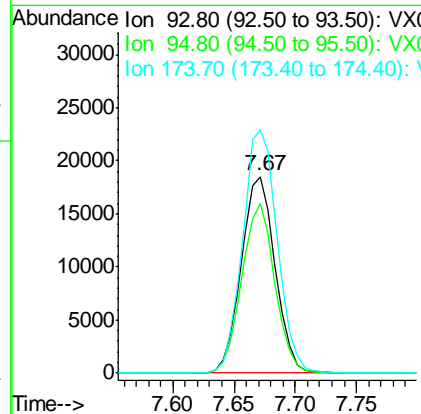
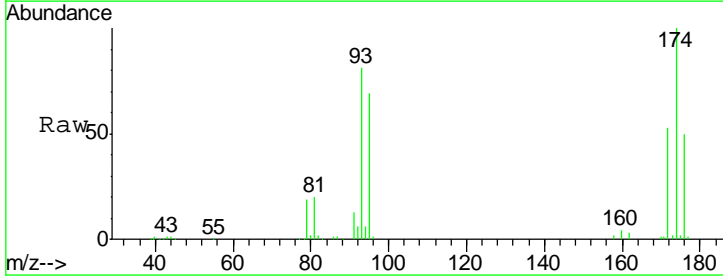
Manual Integrations  
 APPROVED

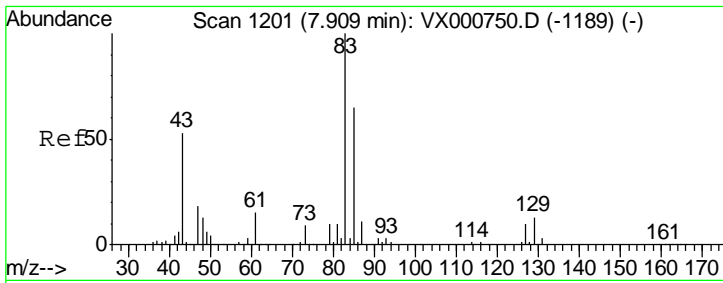
MMDadoda  
 4/18/2018 2:45:13 PM



#46  
 Dibromomethane  
 Concen: 21.10 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
93	100		
95	84.4	66.6	100.0
174	126.7	104.5	156.7



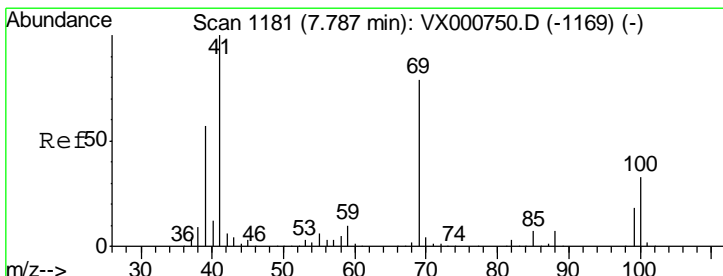
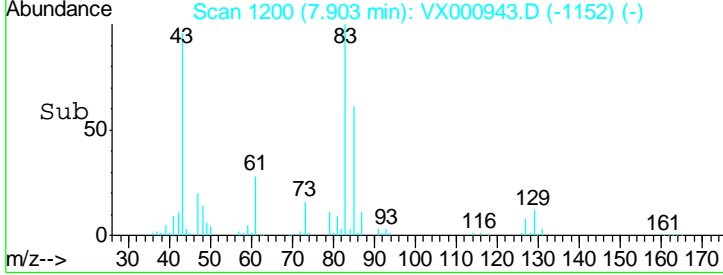
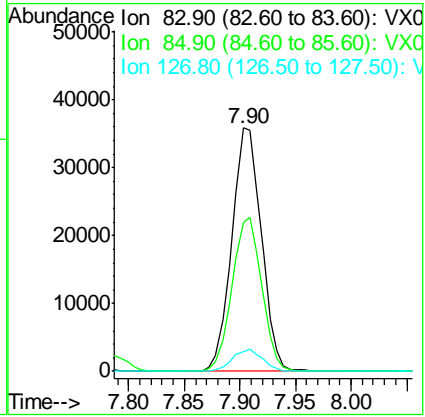
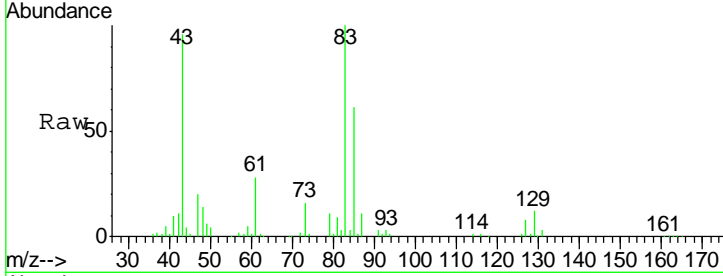


#47  
 Bromodichloromethane  
 Concen: 19.39 ug/l  
 RT: 7.90 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

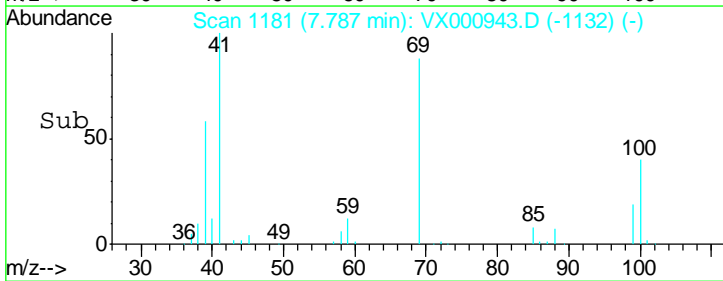
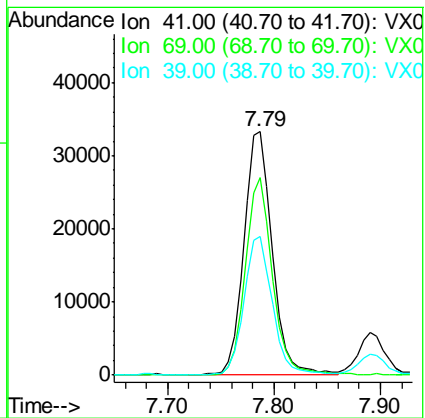
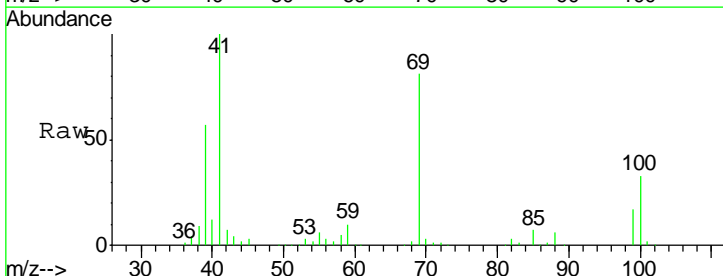
Tgt Ion	Resp	Lower	Upper
83	100		
85	61.2	52.2	78.4
127	8.3	7.8	11.8

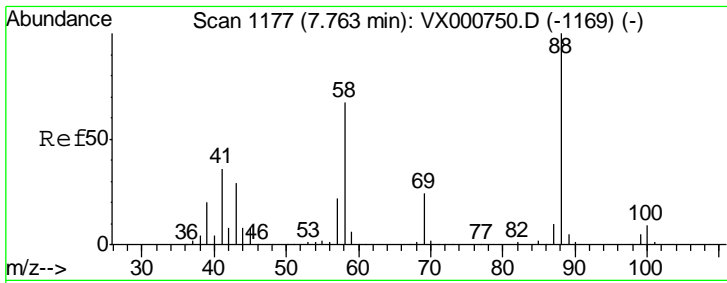
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#48  
 Methyl methacrylate  
 Concen: 20.91 ug/l  
 RT: 7.79 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
41	100		
69	78.4	63.9	95.9
39	56.7	45.9	68.9





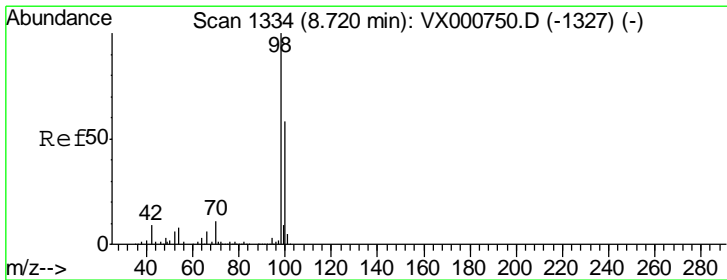
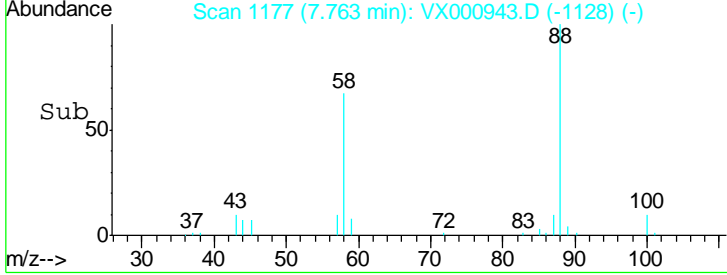
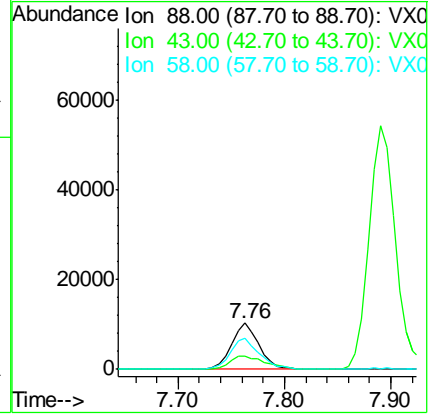
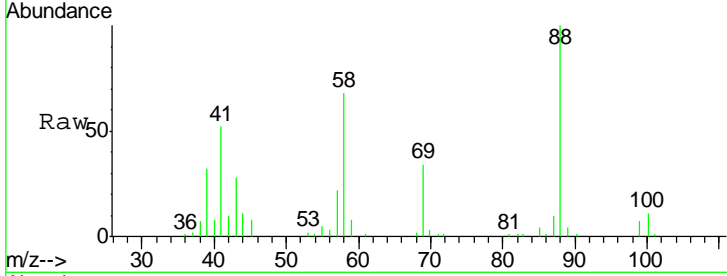
#49  
 1,4-Dioxane  
 Concen: 312.52 ug/l  
 RT: 7.76 min Scan# 1177  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
88	18620		
88	100		
43	36.0	25.8	38.8
58	72.7	54.4	81.6

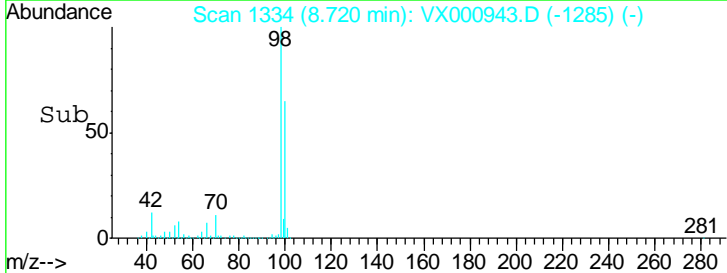
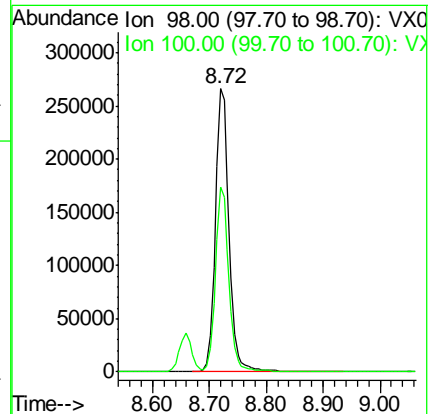
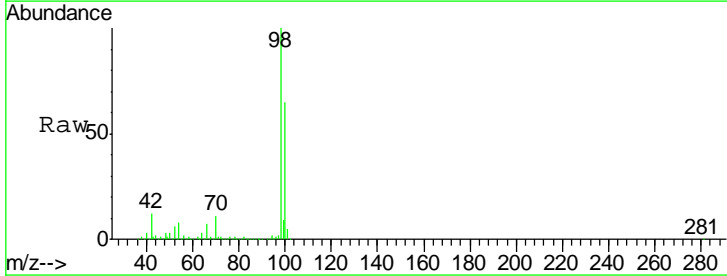
Manual Integrations  
 APPROVED

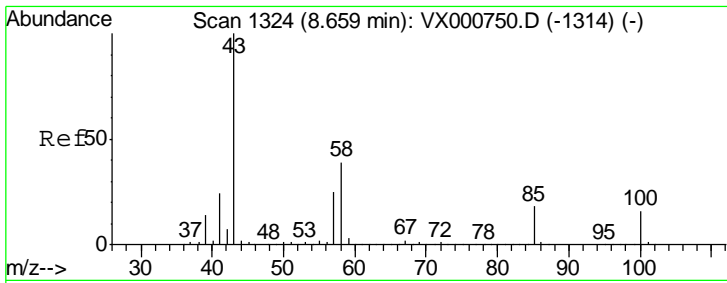
MMDadoda  
 4/18/2018 2:45:13 PM



#50  
 Toluene-d8  
 Concen: 49.99 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
98	445006		
98	100		
100	64.8	52.6	79.0



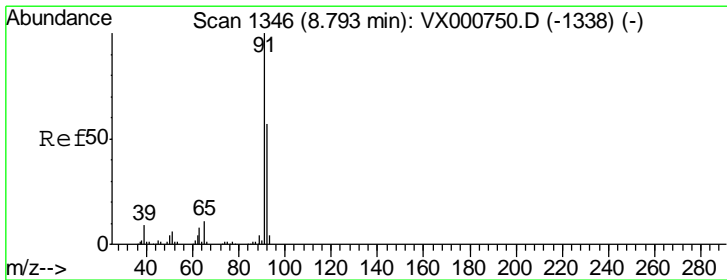
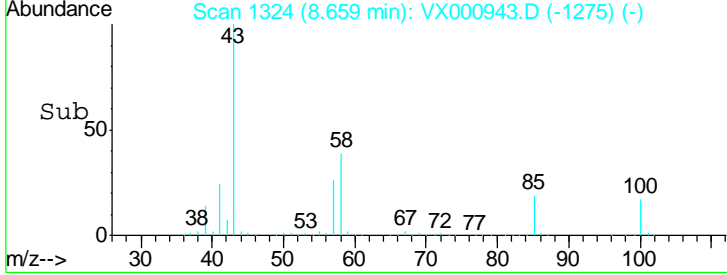
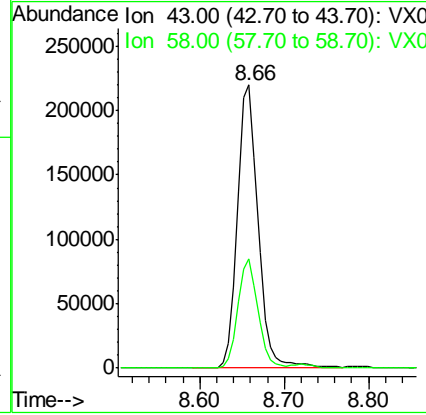
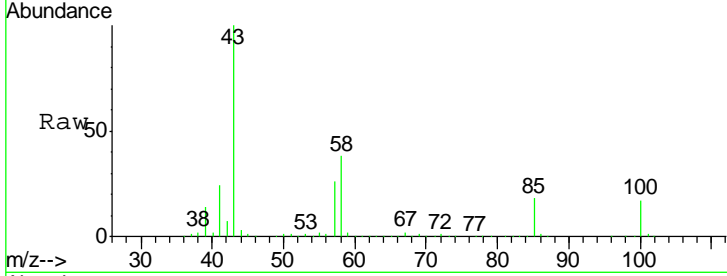


#51  
 4-Methyl-2-Pentanone  
 Concen: 109.04 ug/l  
 RT: 8.66 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

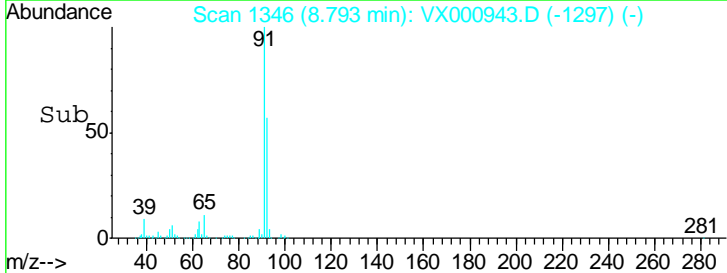
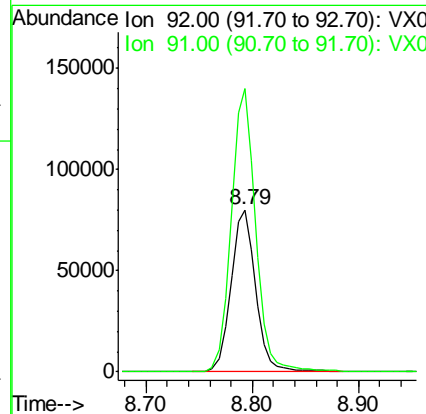
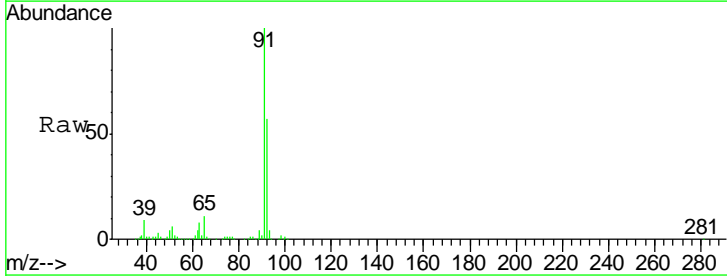
Tgt Ion	Resp	Lower	Upper
43	100		
58	37.2	30.3	45.5

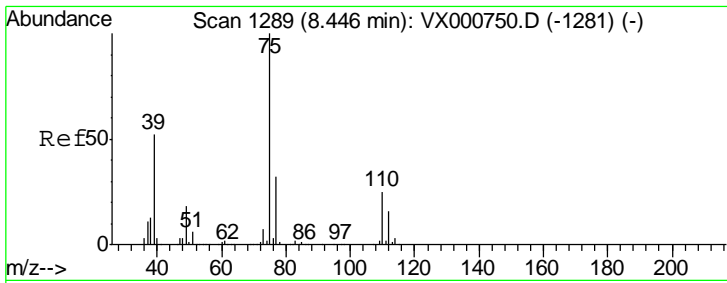
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#52  
 Toluene  
 Concen: 20.72 ug/l  
 RT: 8.79 min Scan# 1346  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
92	100		
91	173.1	139.0	208.4



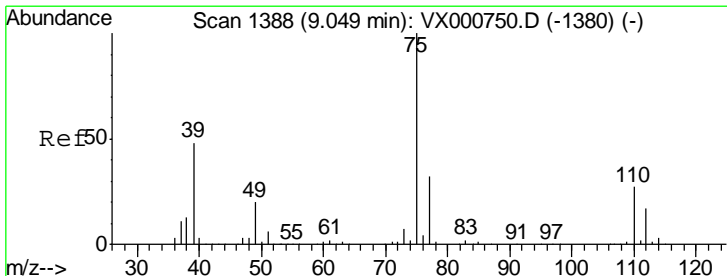
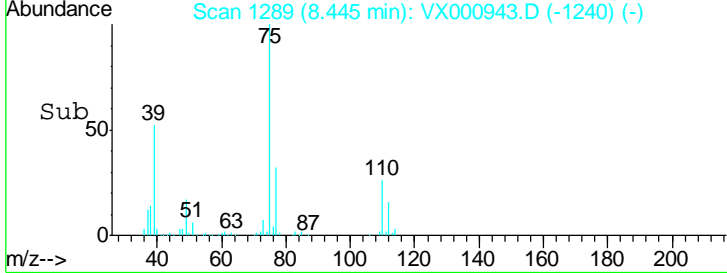
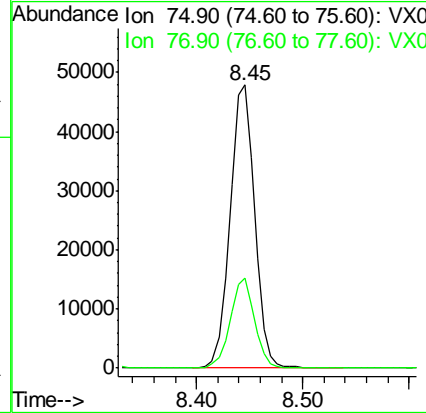
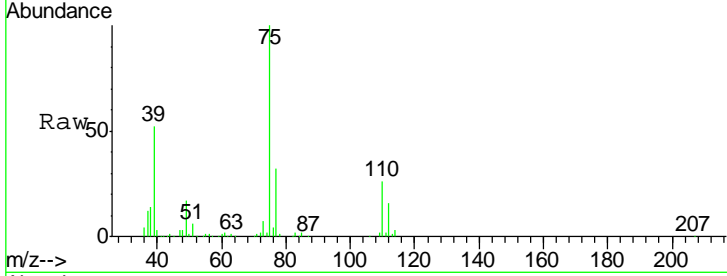


#53  
 t-1,3-Dichloropropene  
 Concen: 18.95 ug/l  
 RT: 8.45 min Scan# 1289  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

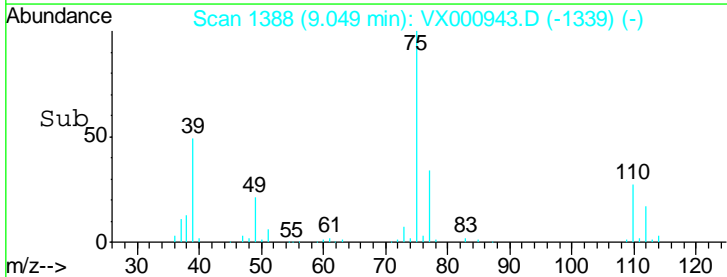
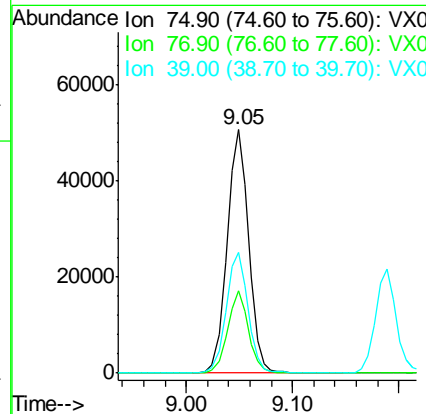
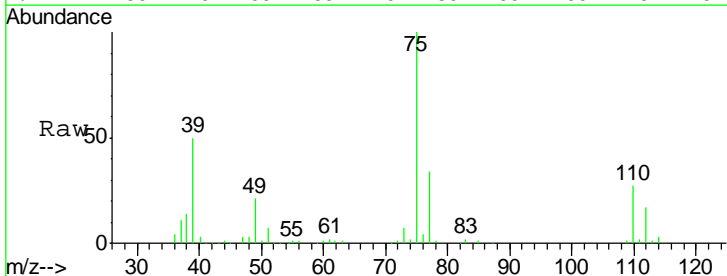
Tgt Ion	Resp	Lower	Upper
75	77348		
75	100		
77	32.0	25.4	38.2

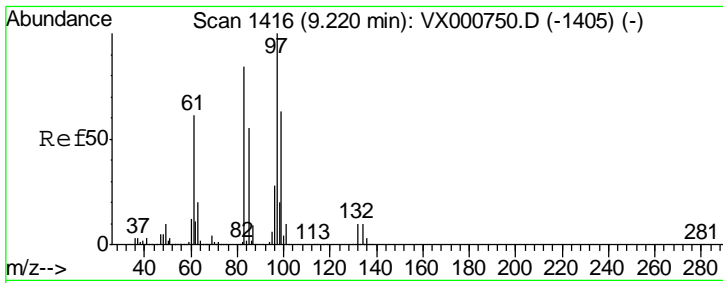
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.04 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

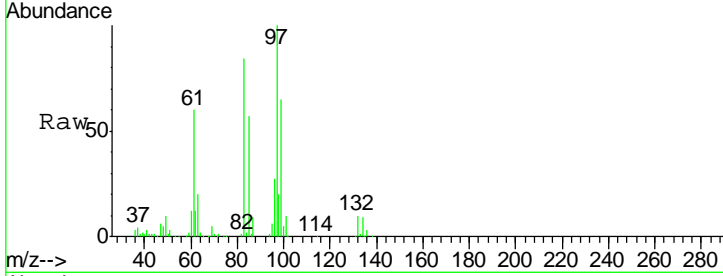
Tgt Ion	Resp	Lower	Upper
75	71700		
75	100		
77	33.7	25.4	38.2
39	49.6	38.6	58.0





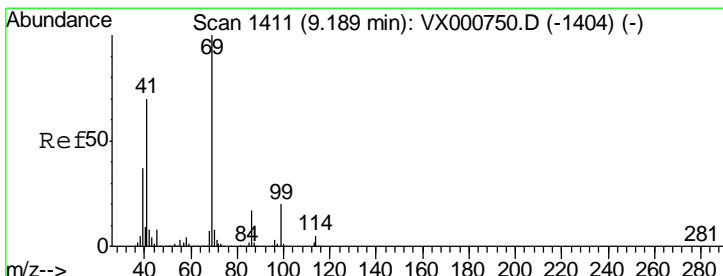
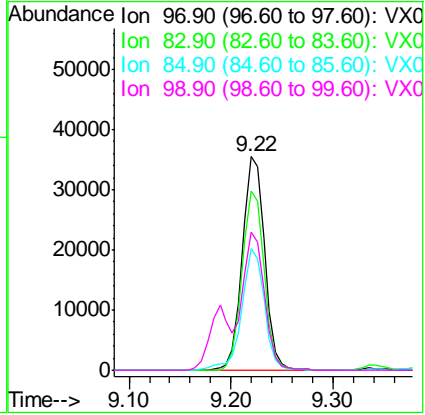
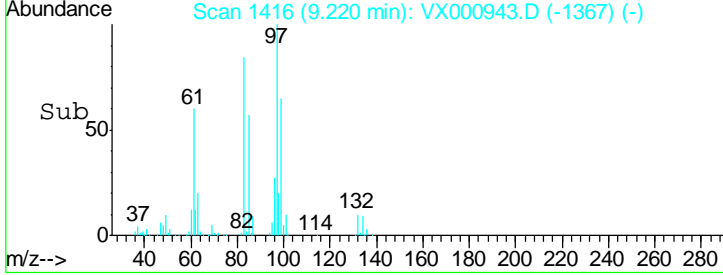
#55  
 1,1,2-Trichloroethane  
 Concen: 21.55 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

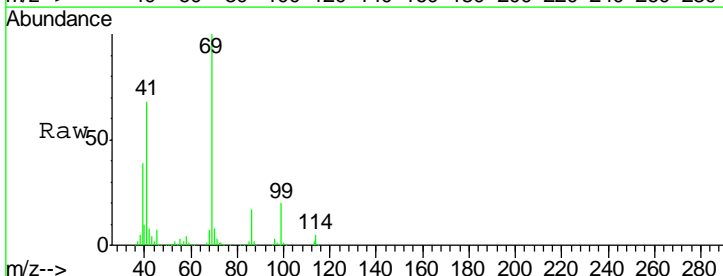


Tgt Ion	Resp	Lower	Upper
97	100		
83	84.2	67.6	101.4
85	57.0	43.8	65.6
99	64.7	50.2	75.4

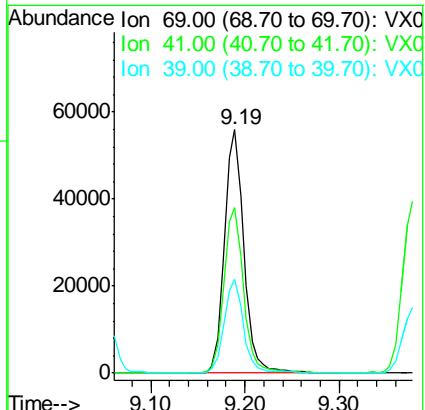
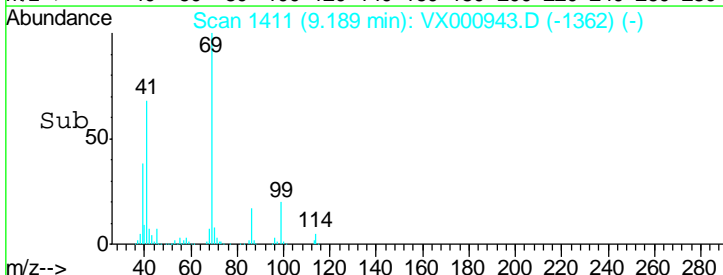
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



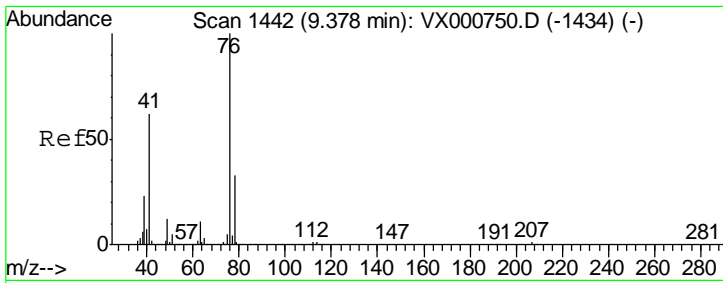
#56  
 Ethyl methacrylate  
 Concen: 20.73 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27



Tgt Ion	Resp	Lower	Upper
69	100		
41	68.4	55.6	83.4
39	37.7	30.3	45.5





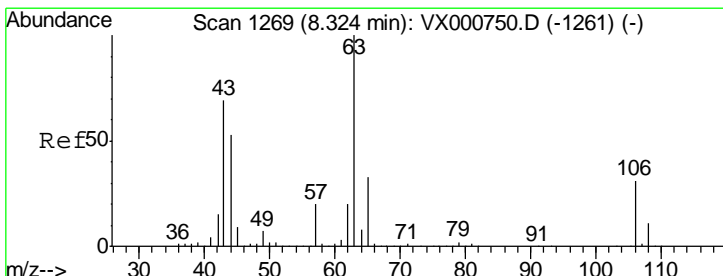
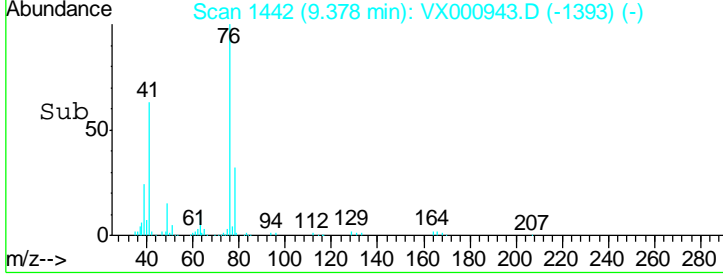
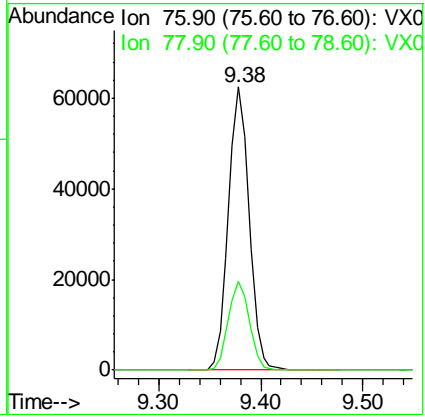
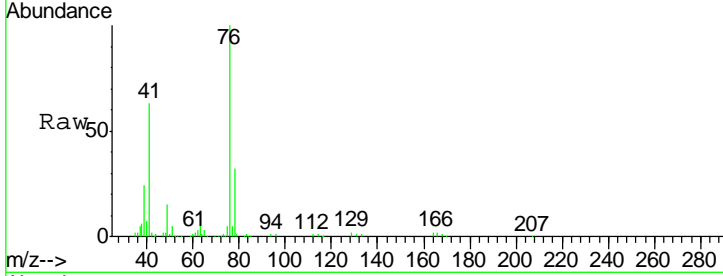


#57  
 1,3-Dichloropropane  
 Concen: 22.13 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
76	100		
78	32.0	25.8	38.6

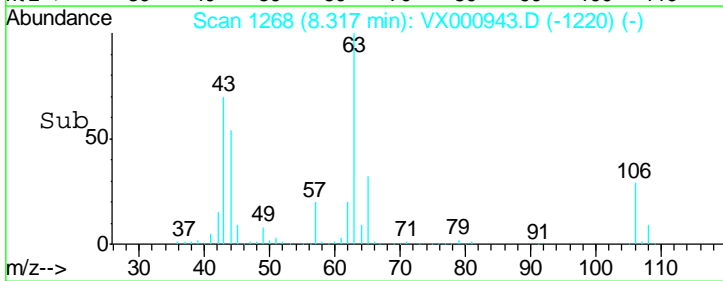
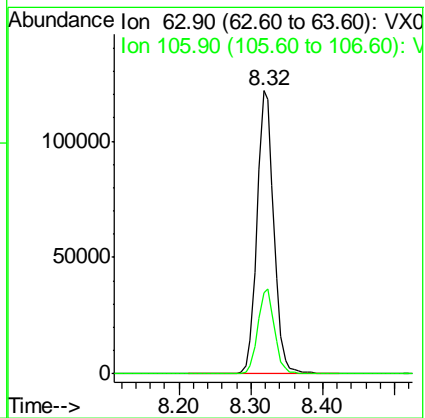
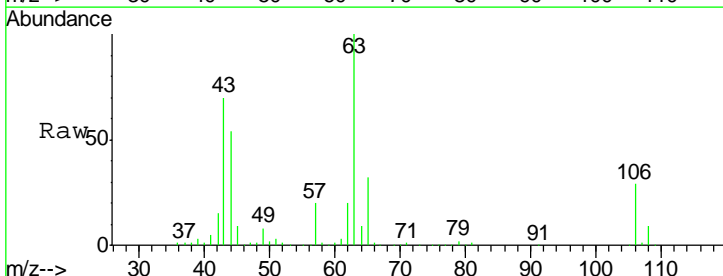
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

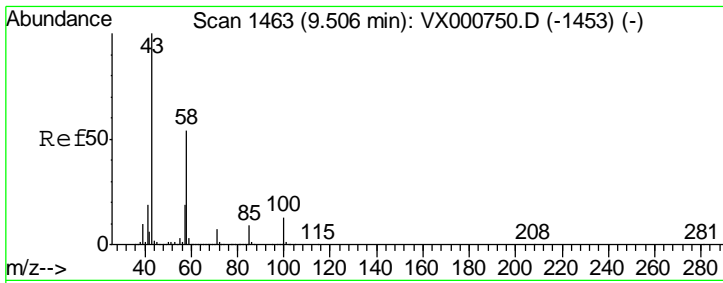
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 110.60 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
63	100		
106	29.9	24.3	36.5





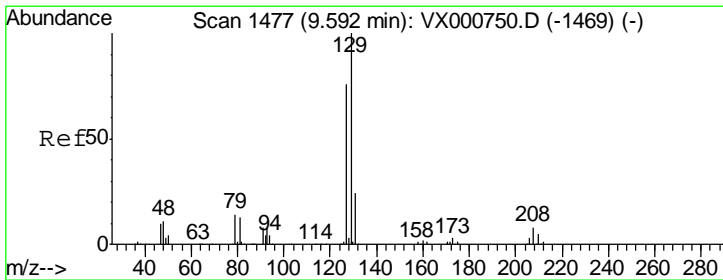
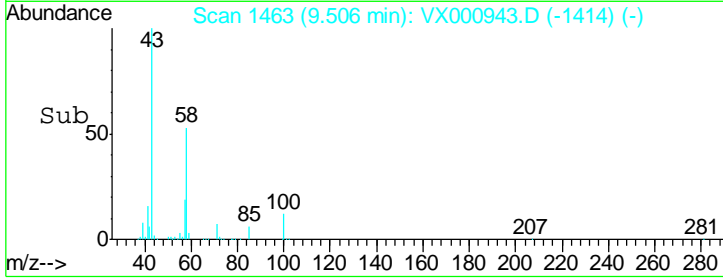
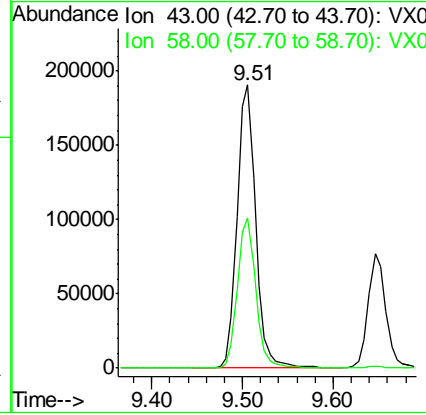
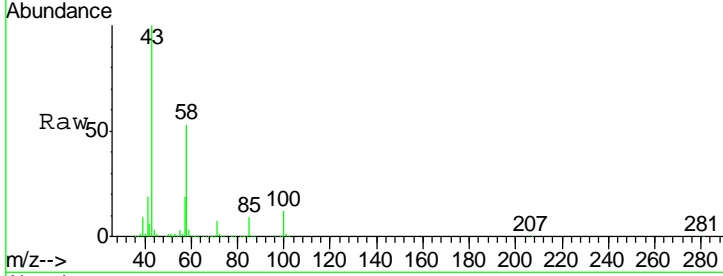
#59  
 2-Hexanone  
 Concen: 104.78 ug/l  
 RT: 9.51 min Scan# 1463  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
43	100		
58	52.5	26.5	79.5

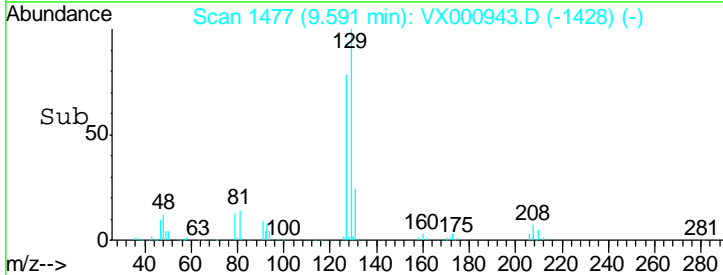
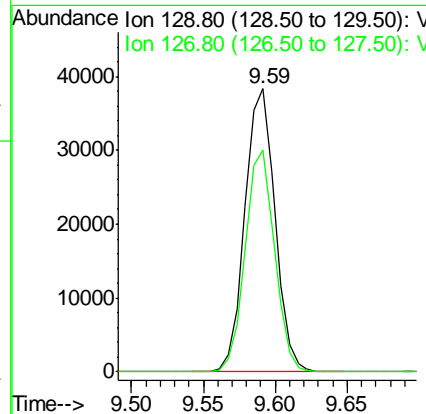
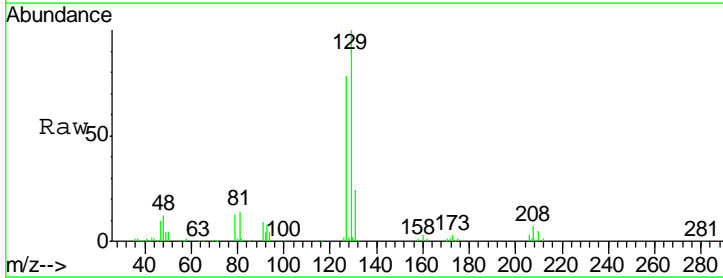
**Manual Integrations**  
**APPROVED**

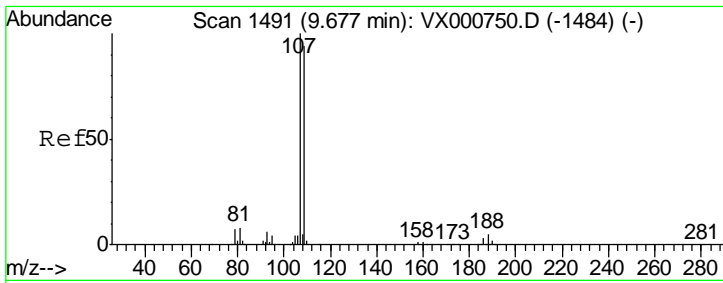
MMDadoda  
 4/18/2018 2:45:13 PM



#60  
 Dibromochloromethane  
 Concen: 18.52 ug/l  
 RT: 9.59 min Scan# 1477  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
129	100		
127	76.6	38.4	115.1





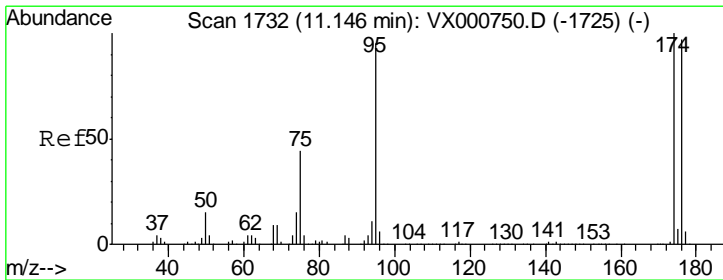
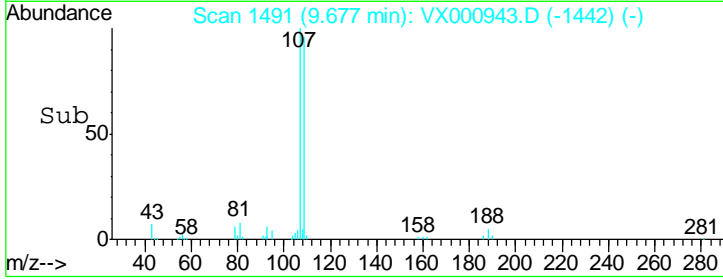
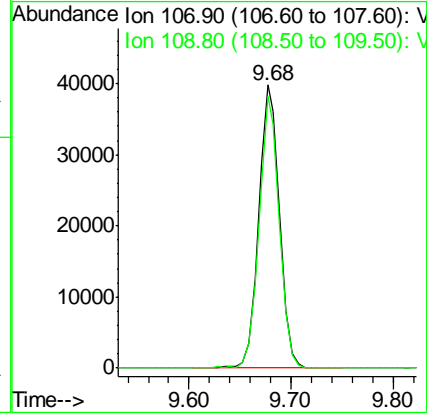
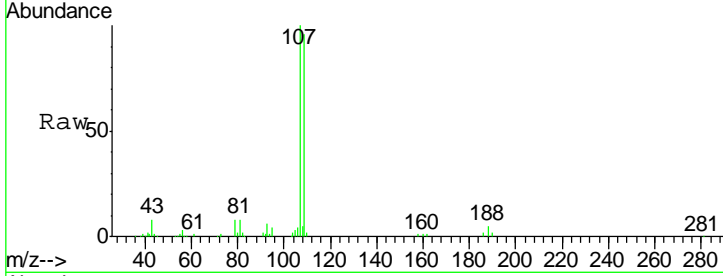
#61  
 1,2-Dibromoethane  
 Concen: 21.38 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
107	100		
109	94.3	76.2	114.4

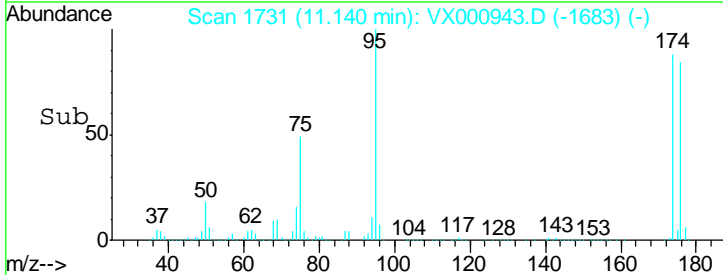
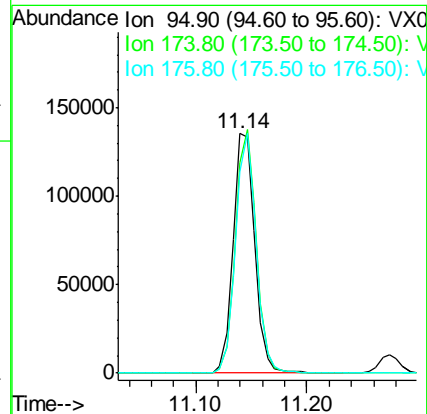
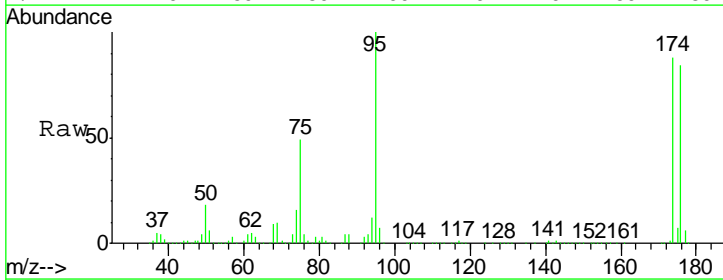
Manual Integrations  
 APPROVED

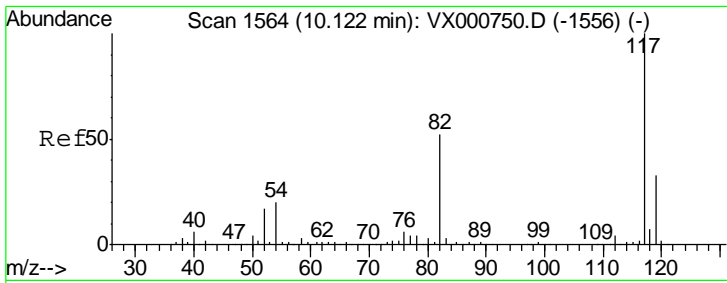
MMDadoda  
 4/18/2018 2:45:13 PM



#62  
 4-Bromofluorobenzene  
 Concen: 49.26 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

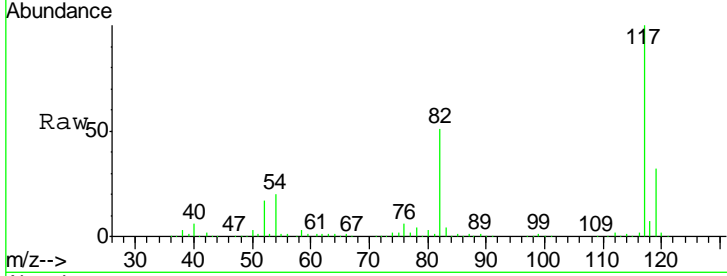
Tgt Ion	Resp	Lower	Upper
95	100		
174	97.7	0.0	198.4
176	95.2	0.0	194.4





#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.12 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

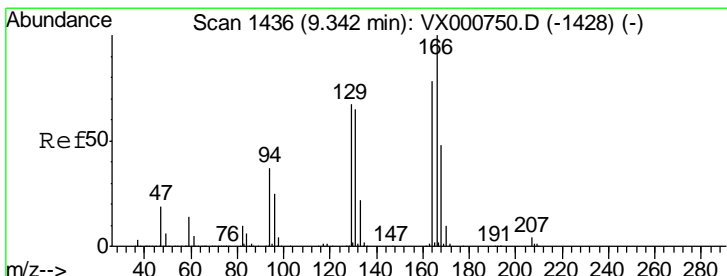
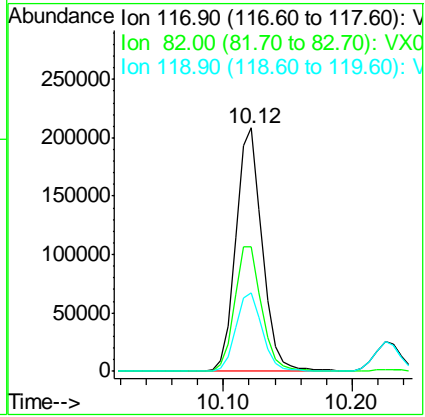
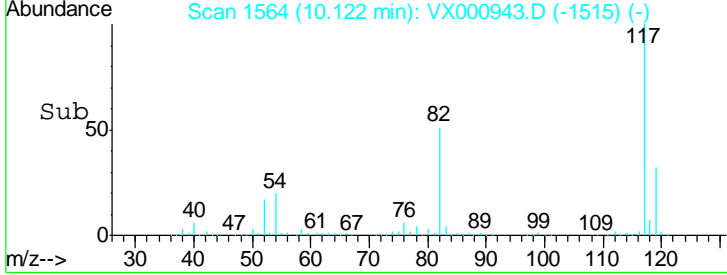
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02



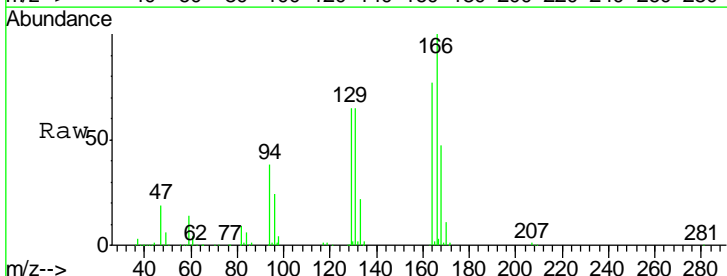
Tgt Ion: 117 Resp: 295387

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.9	62.9
119	32.1	26.0	39.0

Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM

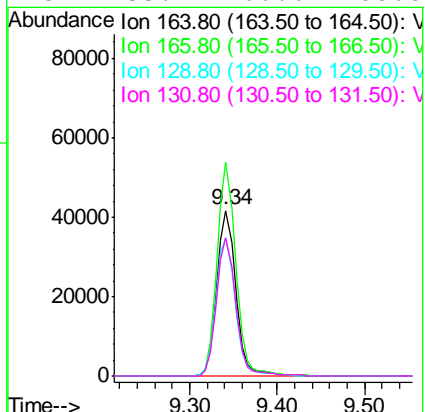
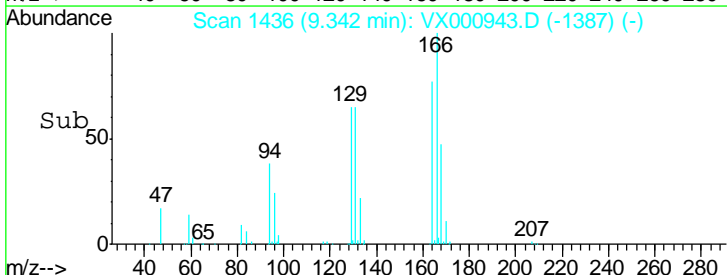


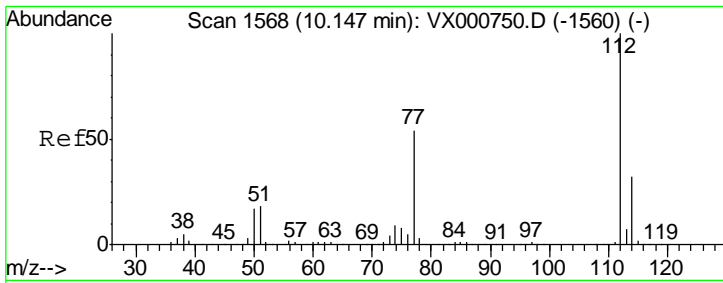
#64  
 Tetrachloroethene  
 Concen: 21.84 ug/l  
 RT: 9.34 min Scan# 1436  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27



Tgt Ion: 164 Resp: 63066

Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.8	154.2
129	83.6	68.5	102.7
131	83.4	66.6	100.0





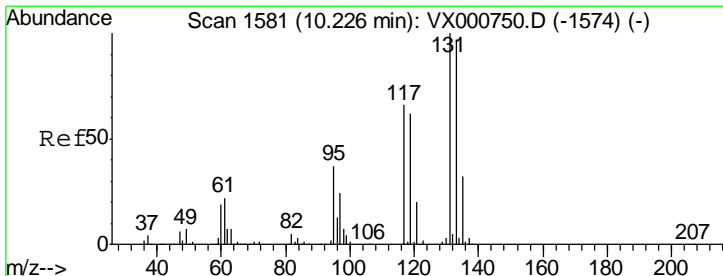
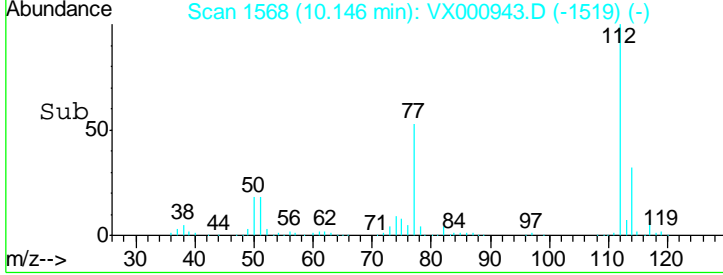
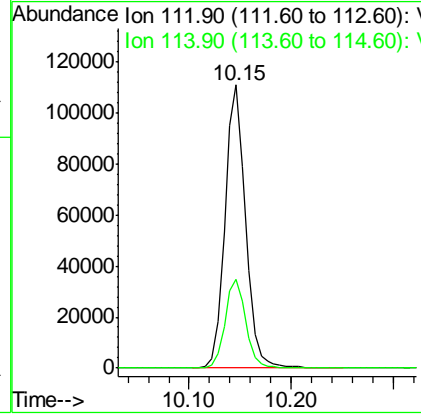
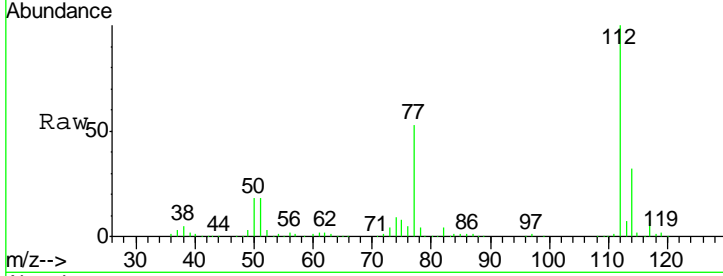
#65  
 Chlorobenzene  
 Concen: 20.95 ug/l  
 RT: 10.15 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
112	155661		
114	31.6	25.8	38.8

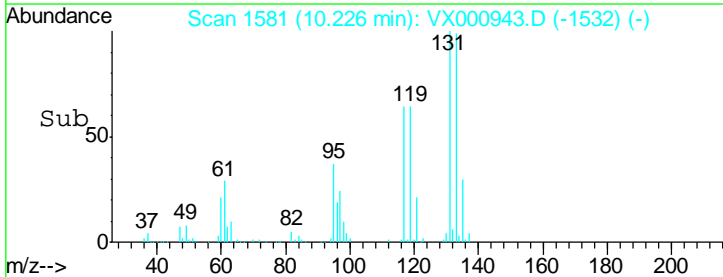
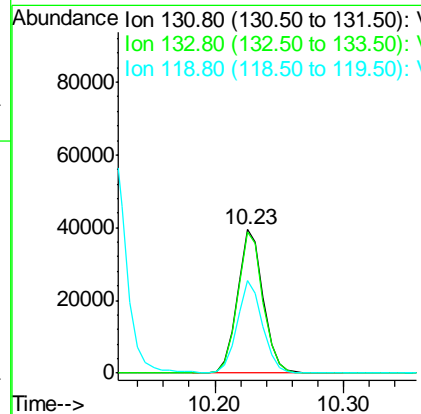
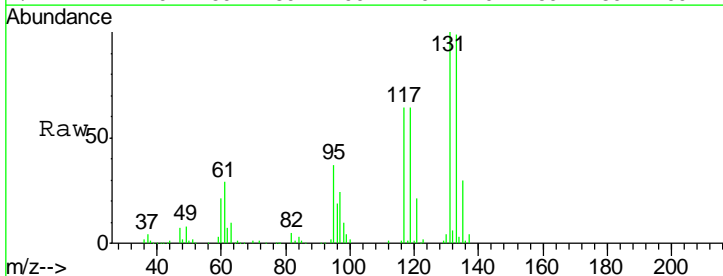
Manual Integrations  
 APPROVED

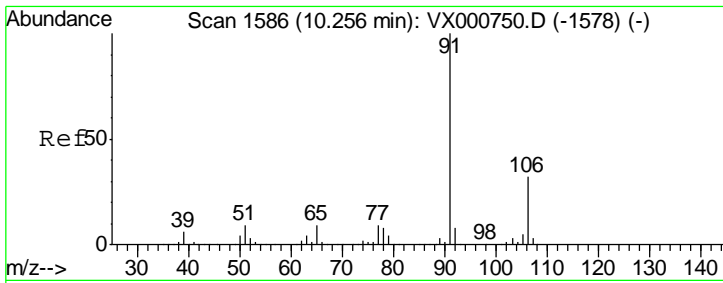
MMDadoda  
 4/18/2018 2:45:13 PM



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.54 ug/l  
 RT: 10.23 min Scan# 1581  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
131	54655		
133	97.5	48.3	144.9
119	63.7	31.4	94.0



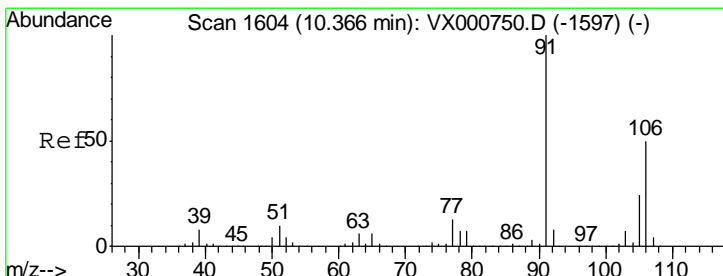
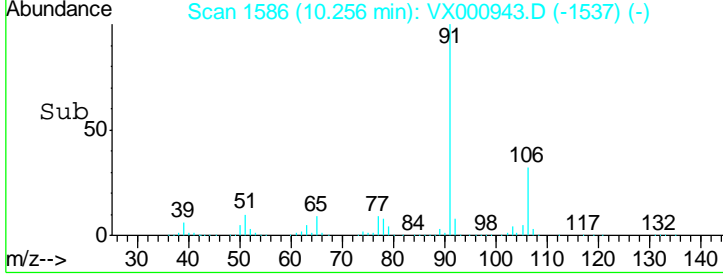
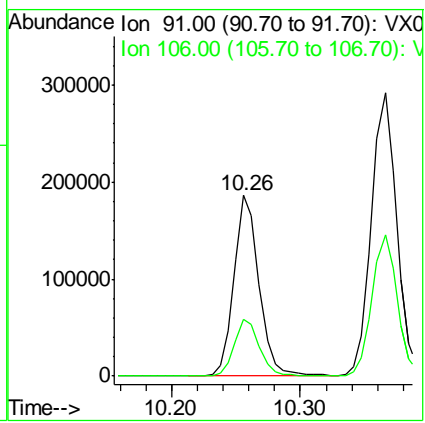
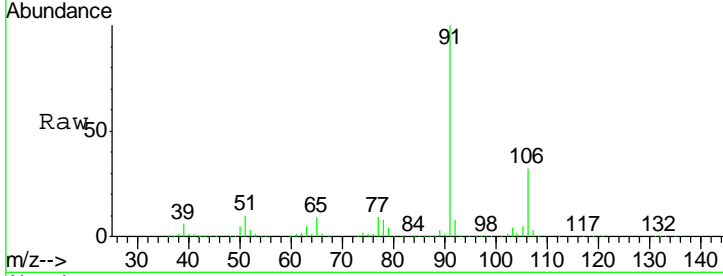


#67  
 Ethyl Benzene  
 Concen: 20.46 ug/l  
 RT: 10.26 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

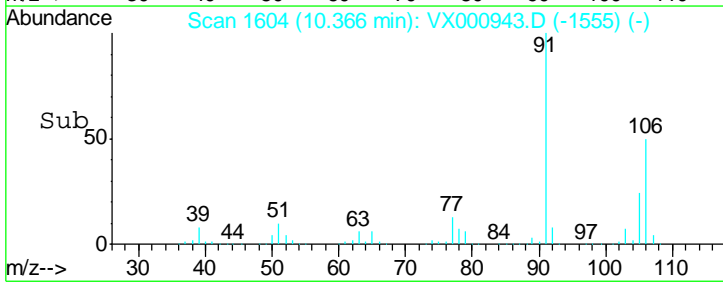
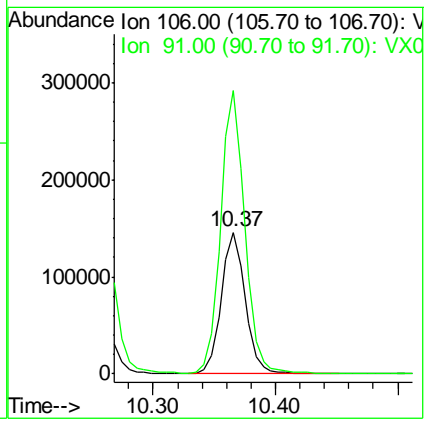
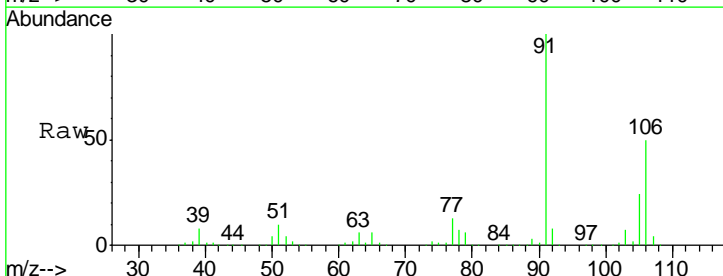
Tgt Ion: 91 Resp: 253535  
 Ion Ratio Lower Upper  
 91 100  
 106 31.8 25.4 38.0

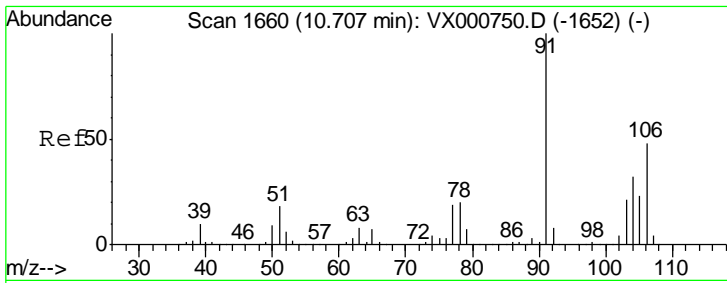
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#68  
 m/p-Xylenes  
 Concen: 40.45 ug/l  
 RT: 10.37 min Scan# 1604  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion: 106 Resp: 197772  
 Ion Ratio Lower Upper  
 106 100  
 91 202.2 159.3 238.9





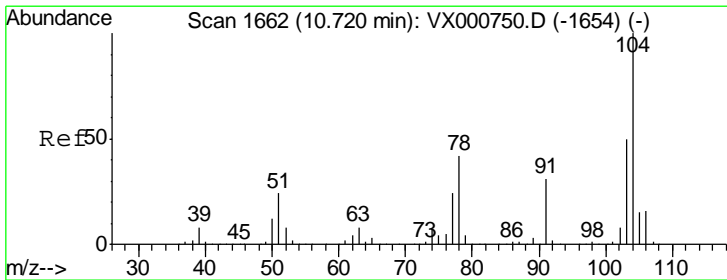
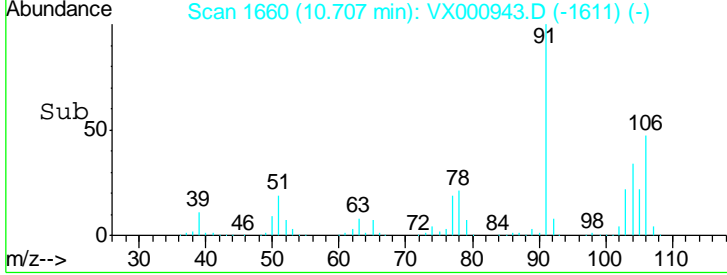
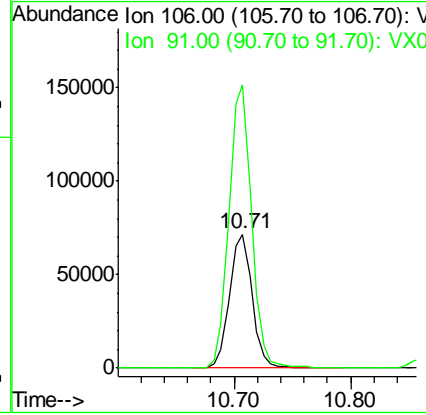
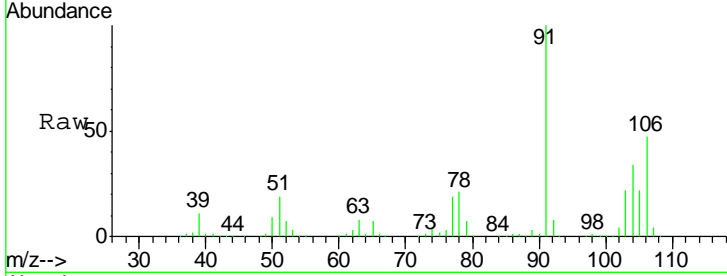
#69  
 o-Xylene  
 Concen: 20.49 ug/l  
 RT: 10.71 min Scan# 1660  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
106	96544		
106	100		
91	211.9	105.0	315.0

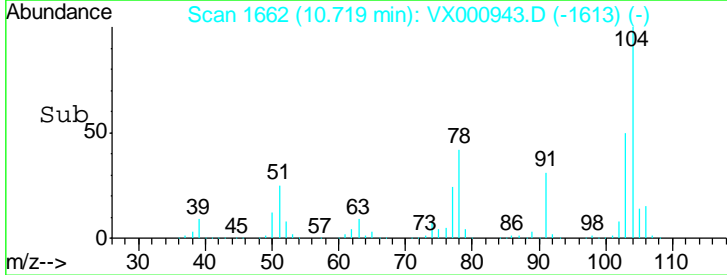
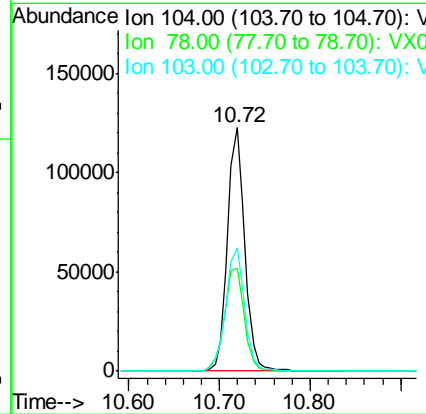
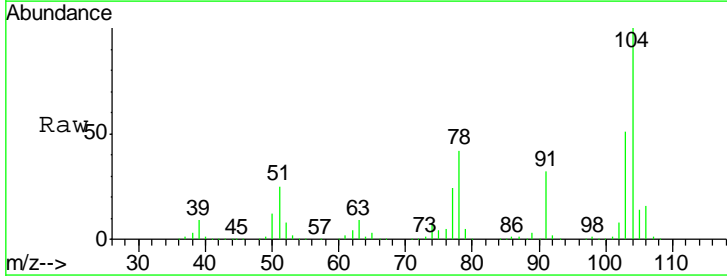
Manual Integrations  
 APPROVED

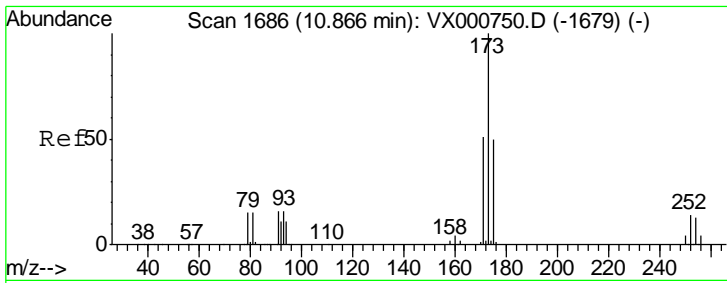
MMDadoda  
 4/18/2018 2:45:13 PM



#70  
 Styrene  
 Concen: 20.58 ug/l  
 RT: 10.72 min Scan# 1662  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
104	163492		
104	100		
78	49.0	39.0	58.6
103	55.2	44.1	66.1





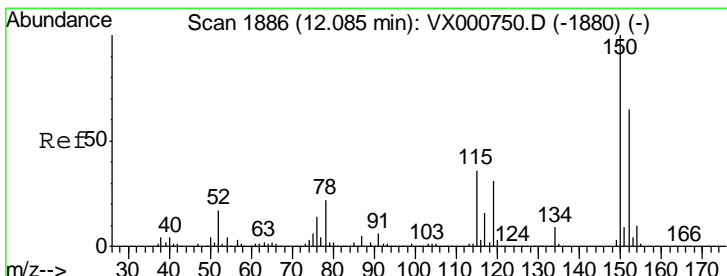
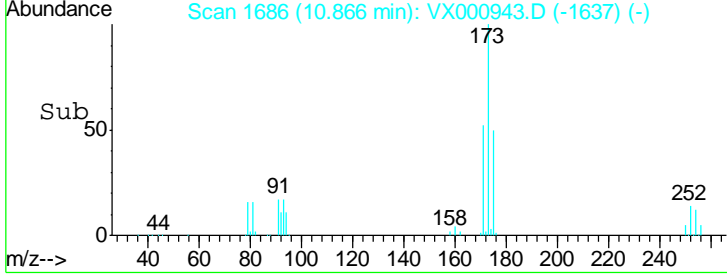
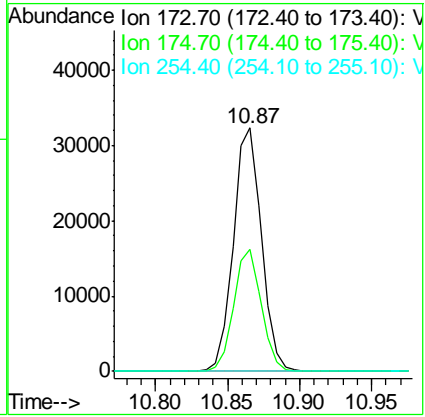
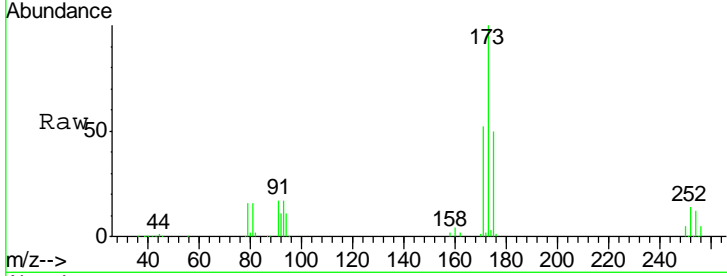
#71  
 Bromoform  
 Concen: 16.96 ug/l  
 RT: 10.87 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
173	43919		
175	49.2	24.5	73.5
254	0.1	0.2	0.2#

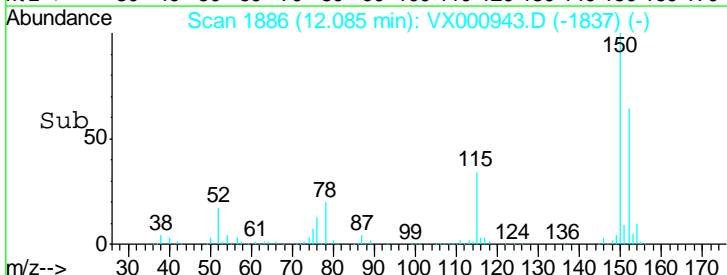
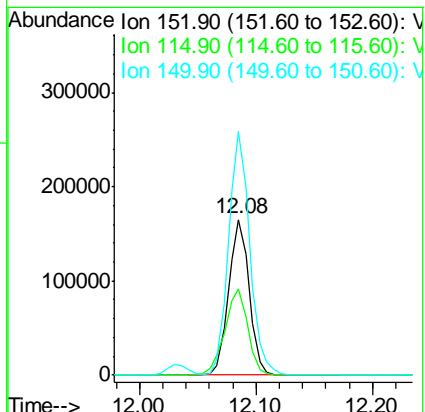
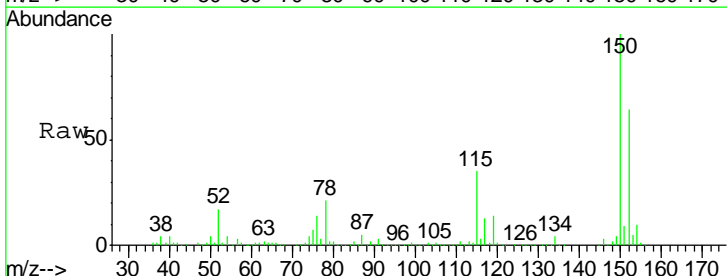
Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:13 PM

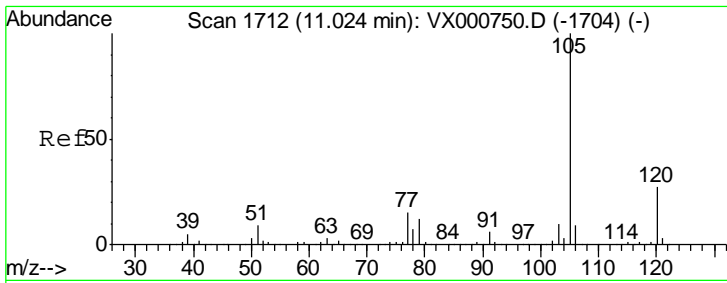


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.08 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
152	201412		
115	62.1	37.9	113.7
150	163.0	0.0	348.0







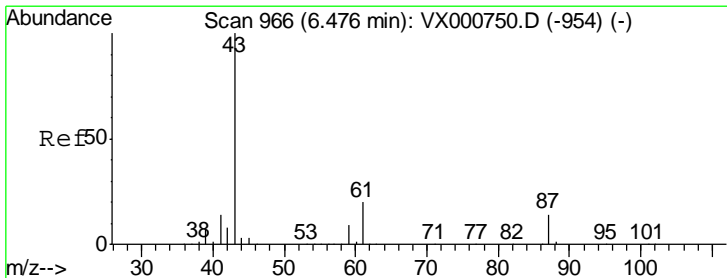
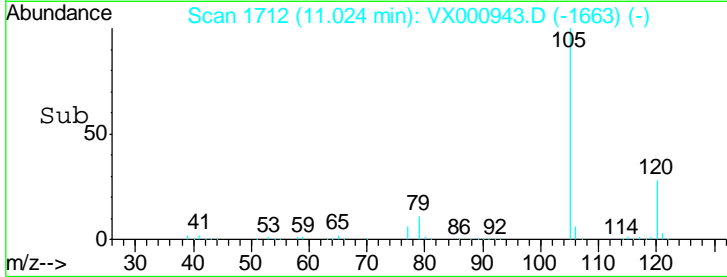
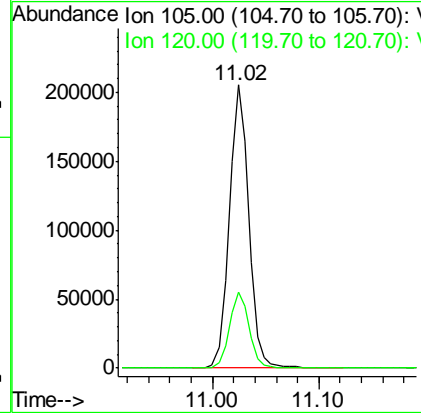
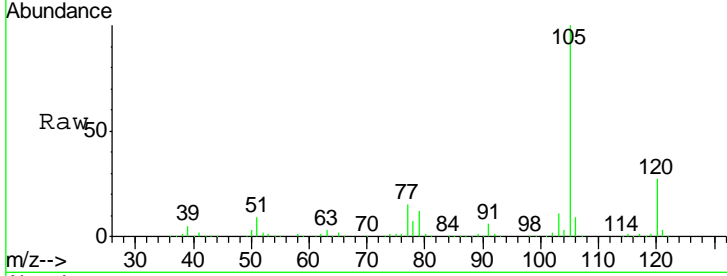
#73  
 Isopropylbenzene  
 Concen: 20.58 ug/l  
 RT: 11.02 min Scan# 1712  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
105	100		
120	27.1	13.7	41.0

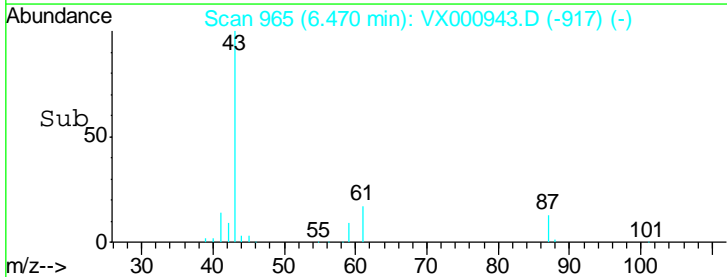
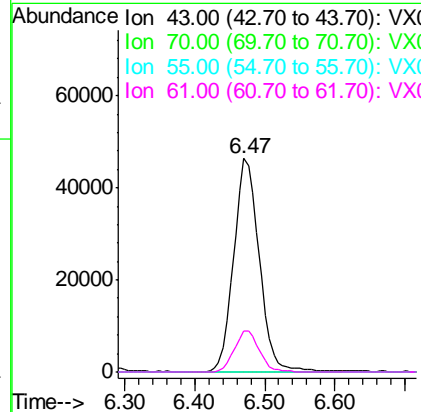
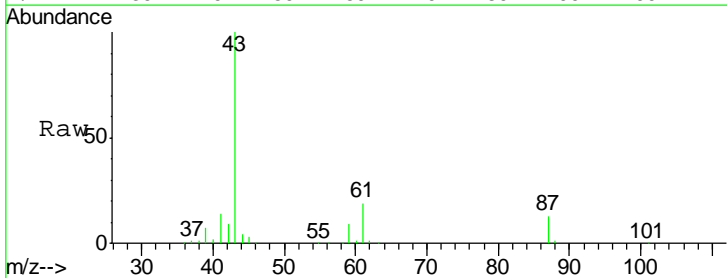
Manual Integrations  
 APPROVED

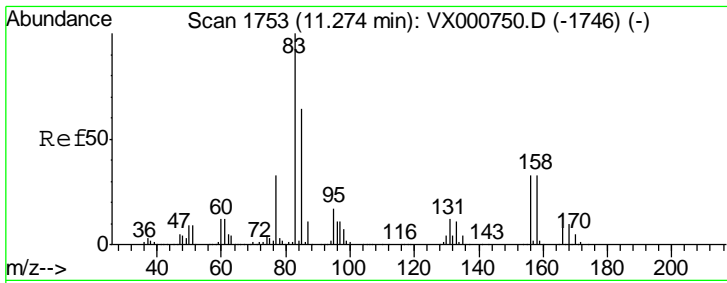
MMDadoda  
 4/18/2018 2:45:13 PM



#74  
 N-nyl acetate  
 Concen: 20.56 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	19.0	15.6	23.4





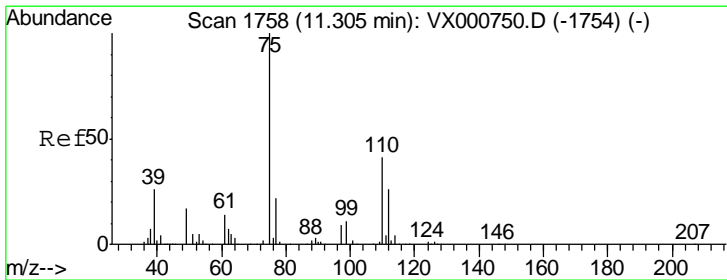
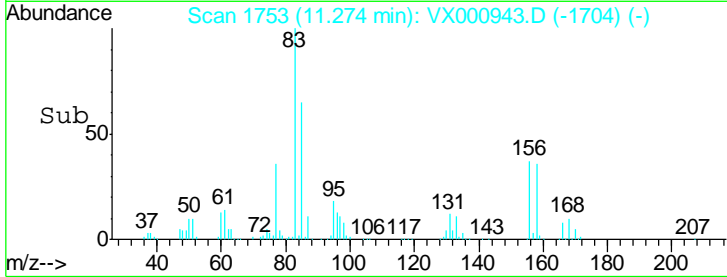
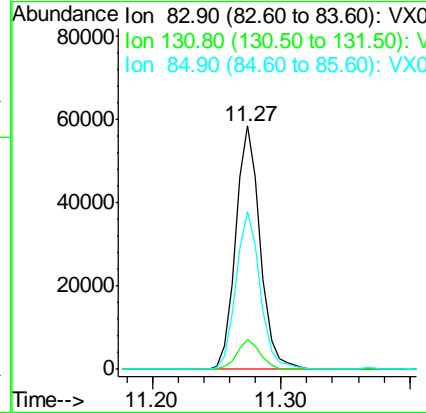
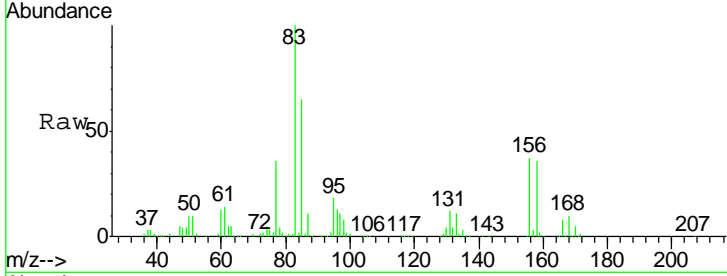
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.01 ug/l  
 RT: 11.27 min Scan# 1753  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
83	100		
131	11.6	6.0	18.0
85	64.1	32.3	96.8

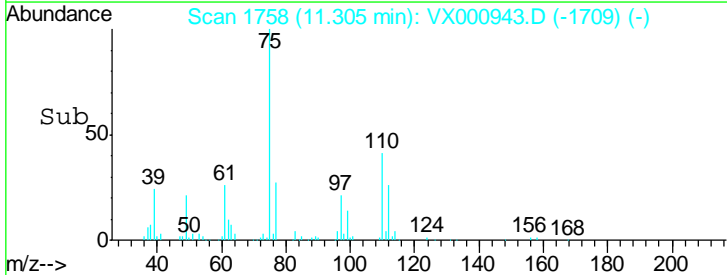
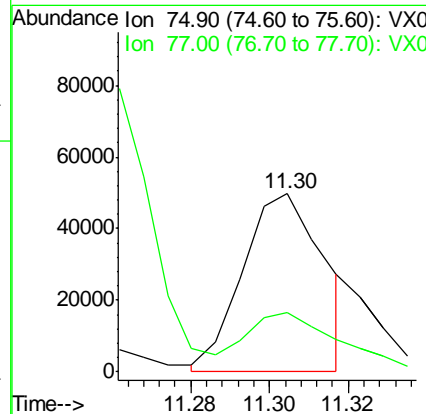
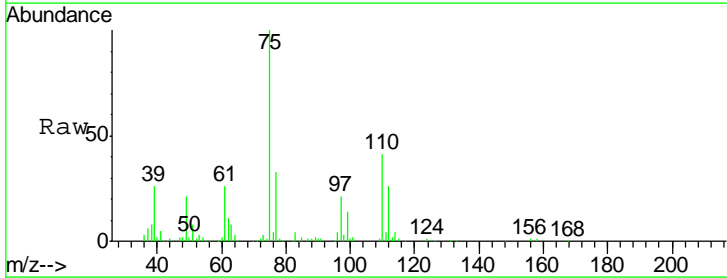
Manual Integrations  
 APPROVED

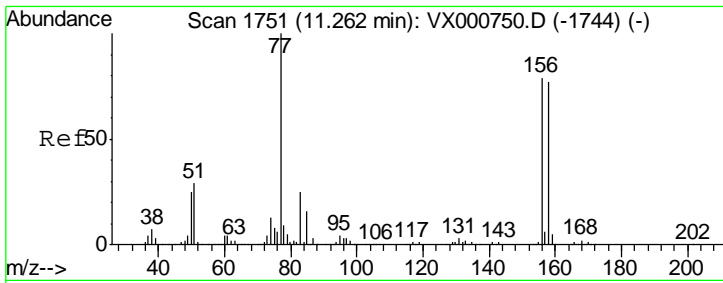
MMDadoda  
 4/18/2018 2:45:13 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 20.39 ug/l m  
 RT: 11.30 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
75	100		
77	38.6	20.5	61.5





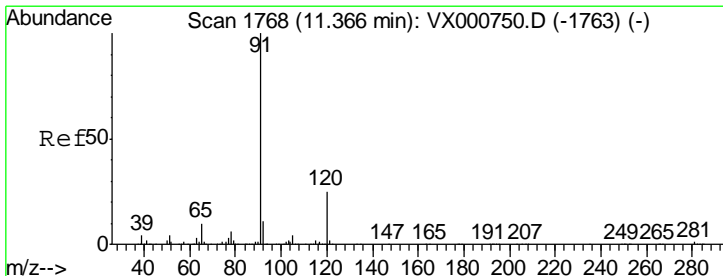
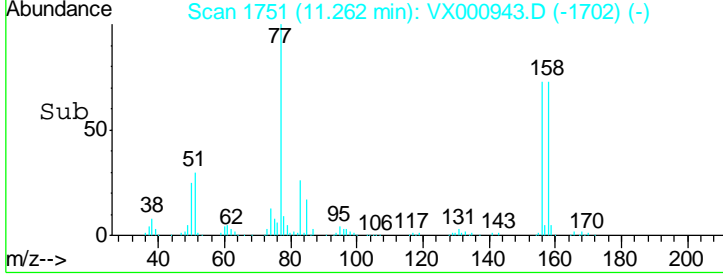
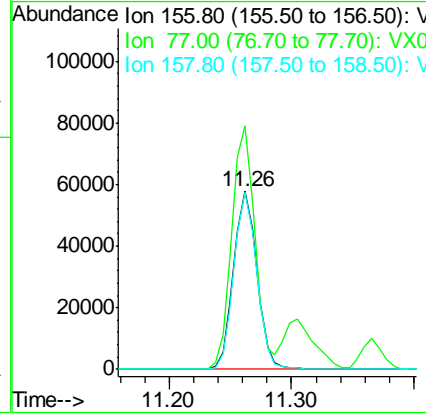
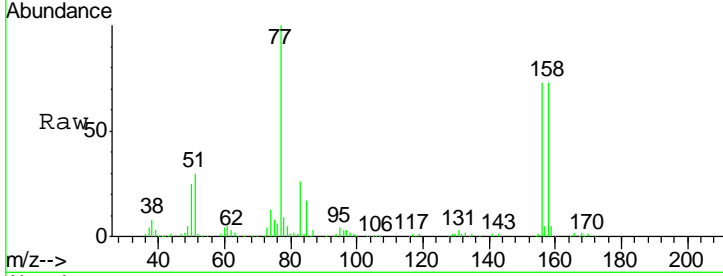
#77  
 Bromobenzene  
 Concen: 20.36 ug/l  
 RT: 11.26 min Scan# 1751  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
156	100		
77	136.3	66.0	198.2
158	97.7	48.8	146.4

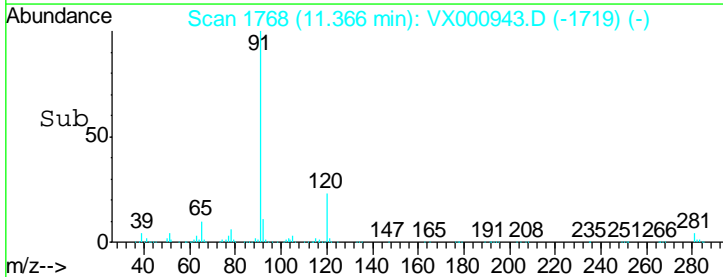
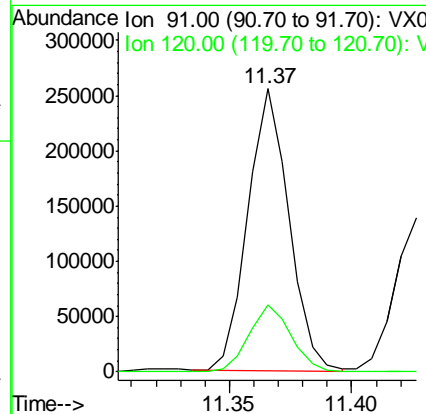
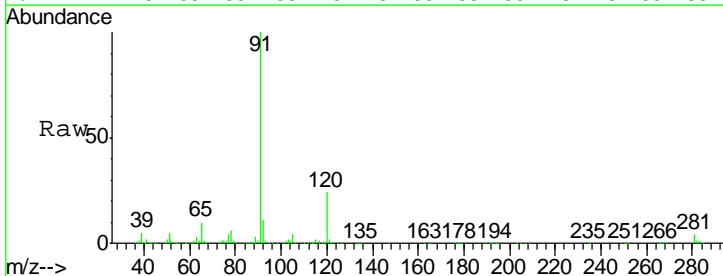
Manual Integrations  
 APPROVED

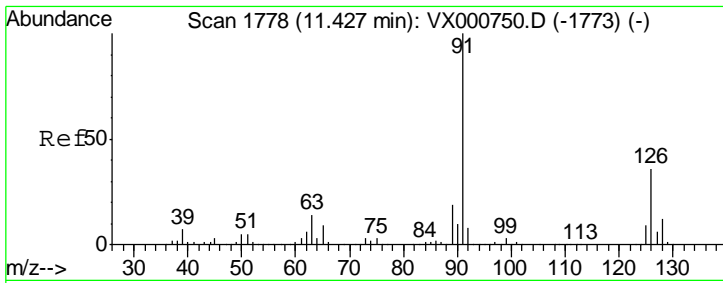
MMDadoda  
 4/18/2018 2:45:13 PM



#78  
 n-propylbenzene  
 Concen: 20.41 ug/l  
 RT: 11.37 min Scan# 1768  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
91	100		
120	24.6	12.6	37.6



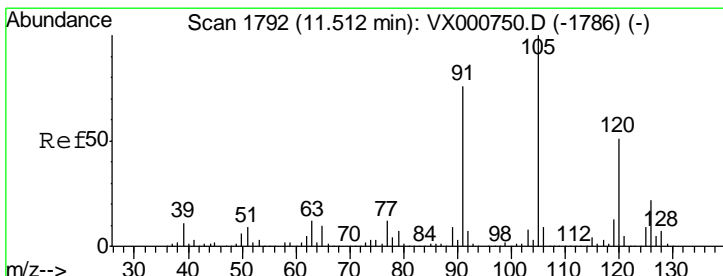
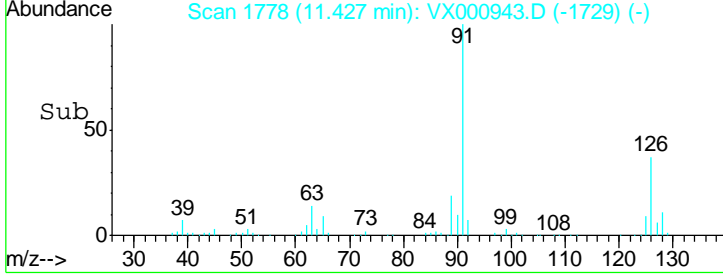
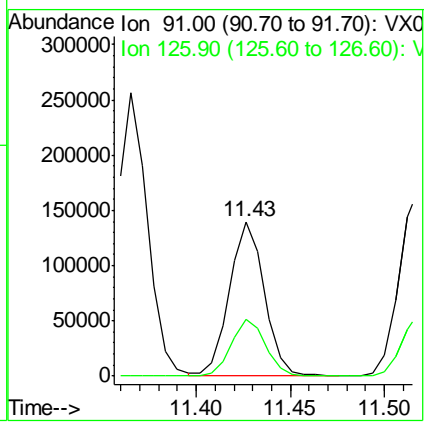
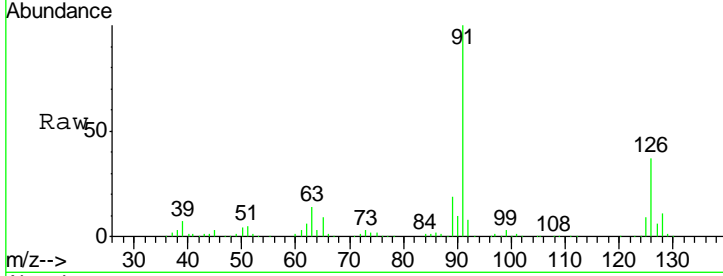


#79  
 2-Chlorotoluene  
 Concen: 20.54 ug/l  
 RT: 11.43 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

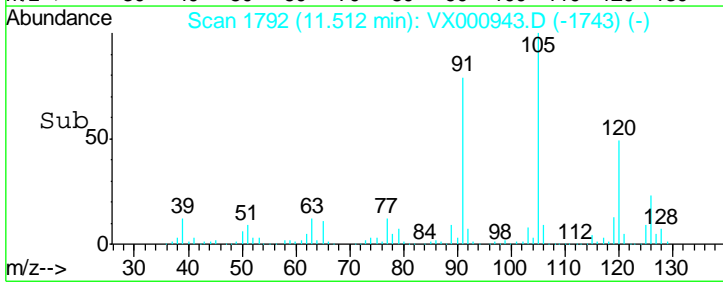
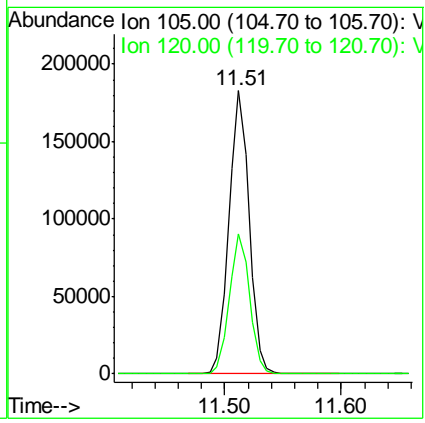
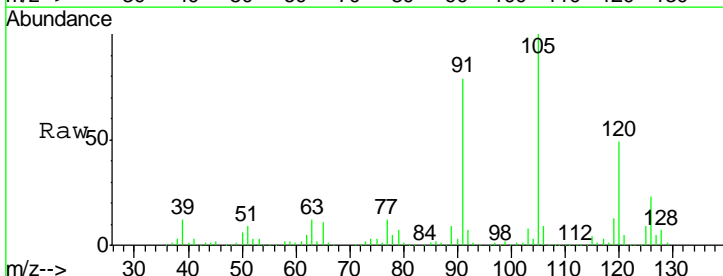
Tgt Ion: 91 Resp: 177442  
 Ion Ratio Lower Upper  
 91 100  
 126 36.7 18.3 54.9

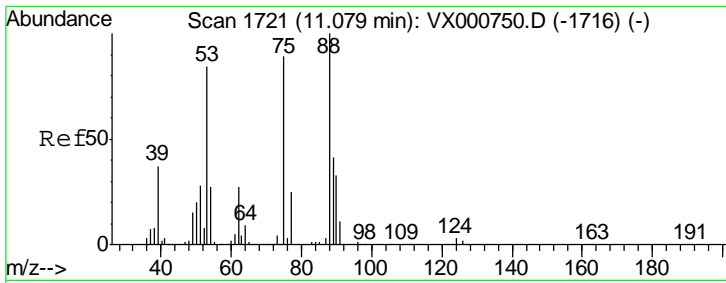
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.17 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion: 105 Resp: 221607  
 Ion Ratio Lower Upper  
 105 100  
 120 49.4 25.0 75.0



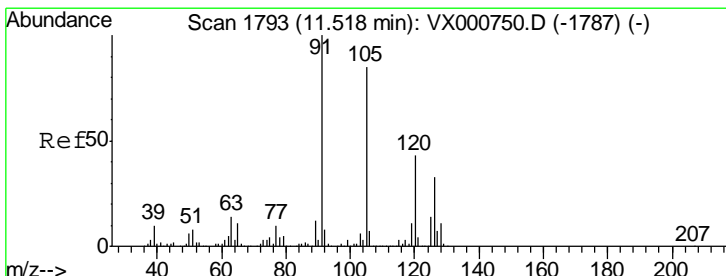
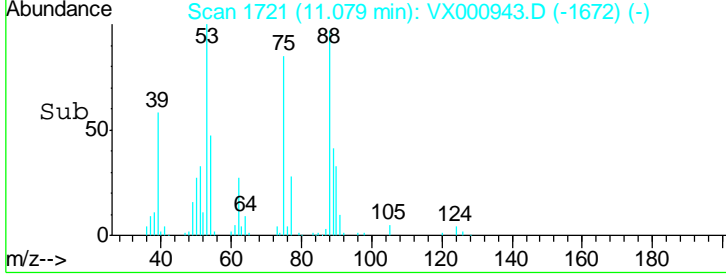
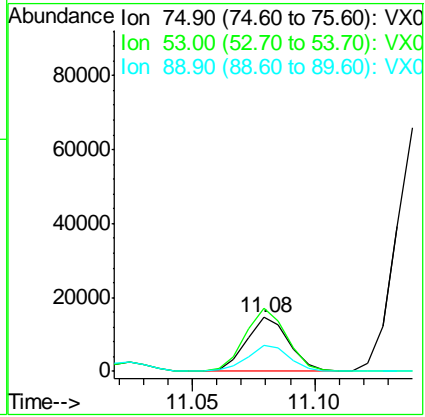
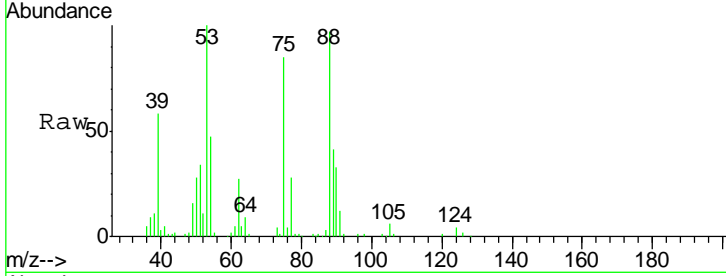


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 13.88 ug/l  
 RT: 11.08 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

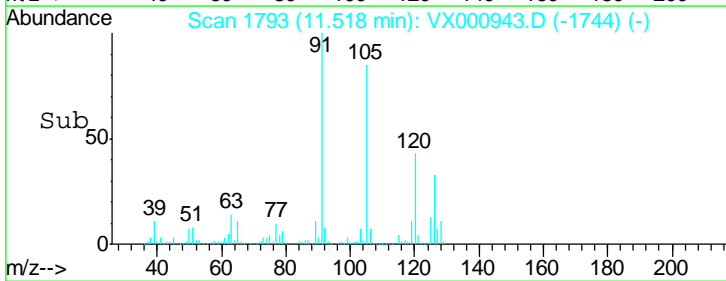
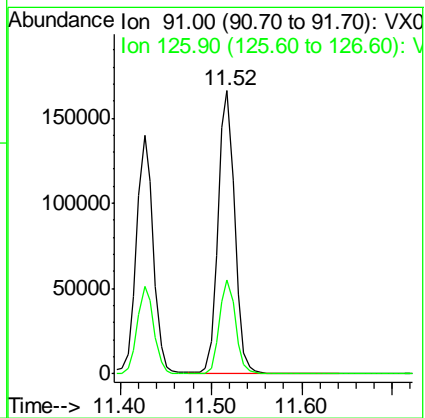
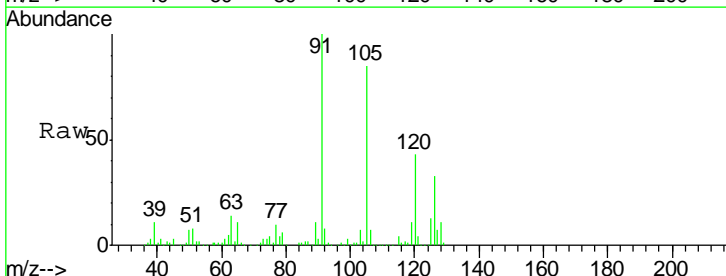
Tgt Ion	Resp	Lower	Upper
75	17525		
75	100		
53	116.9	75.4	113.0#
89	48.3	40.9	61.3

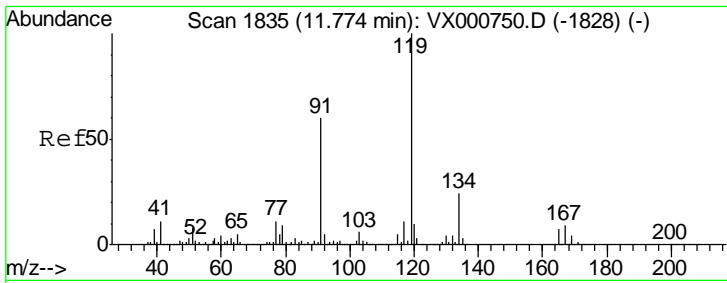
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#82  
 4-Chlorotoluene  
 Concen: 20.50 ug/l  
 RT: 11.52 min Scan# 1793  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
91	213701		
91	100		
126	32.2	16.2	48.6





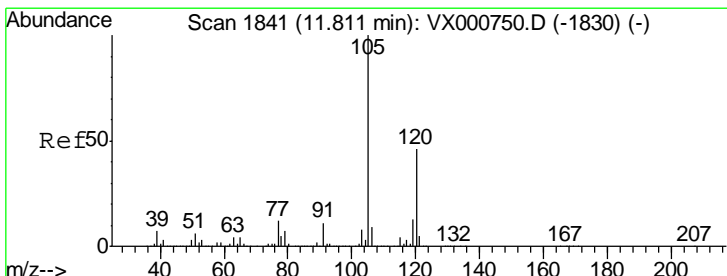
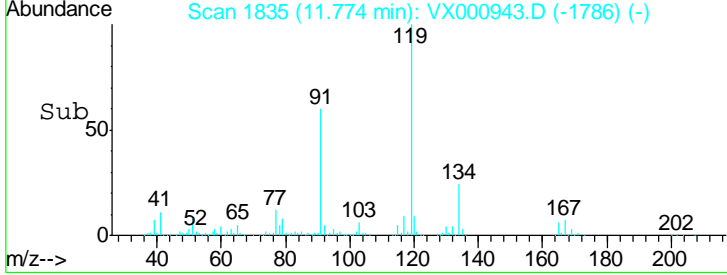
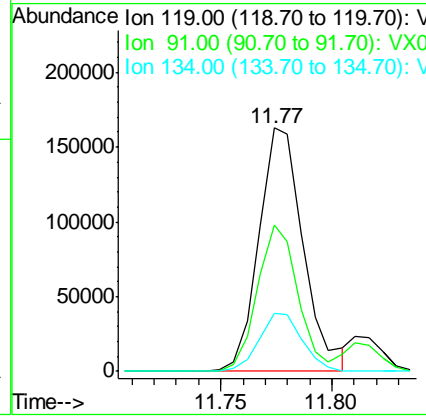
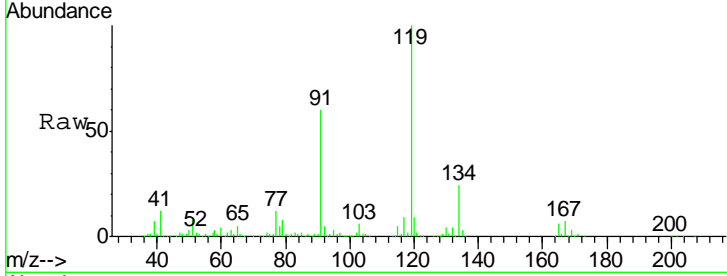
#83  
 tert-Butylbenzene  
 Concen: 20.14 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
119	100		
91	54.9	26.8	80.3
134	23.3	11.5	34.4

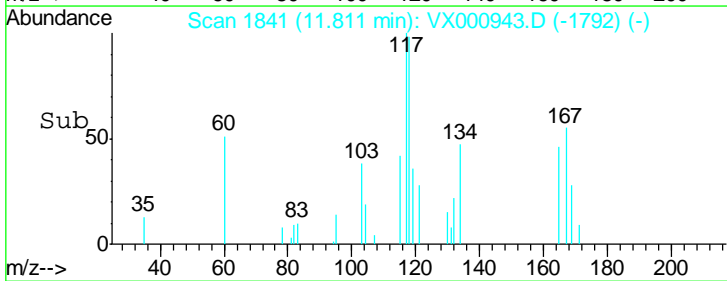
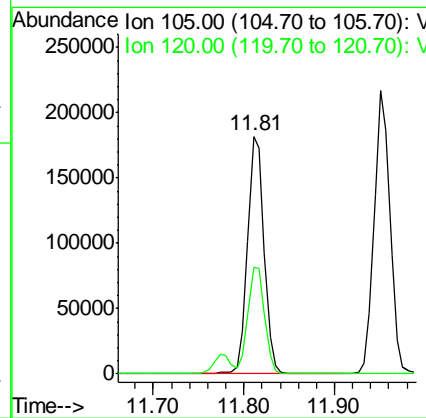
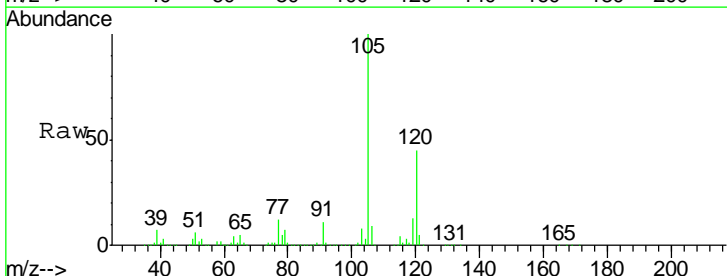
Manual Integrations  
 APPROVED

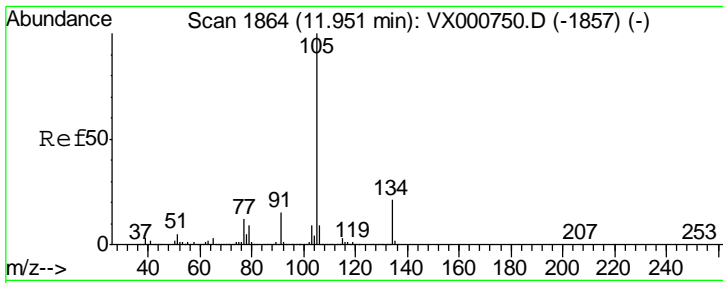
MMDadoda  
 4/18/2018 2:45:13 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.30 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
105	100		
120	45.5	23.1	69.3



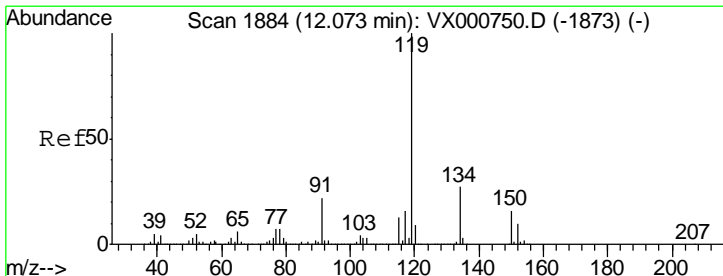
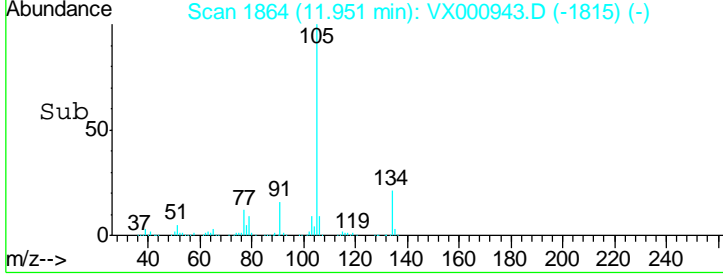
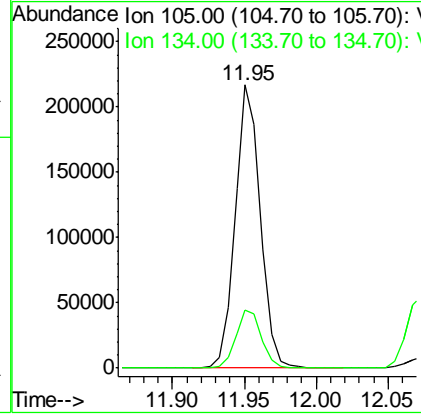
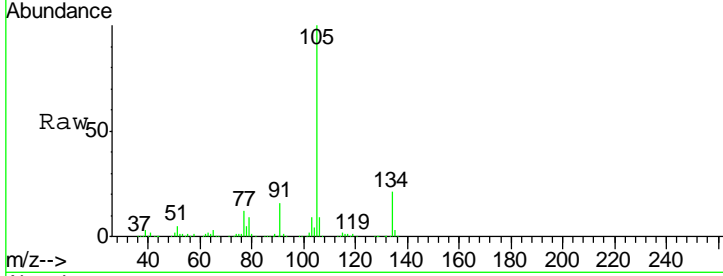


#85  
 sec-Butylbenzene  
 Concen: 19.93 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

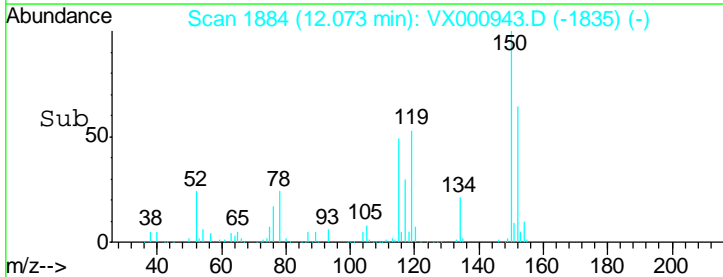
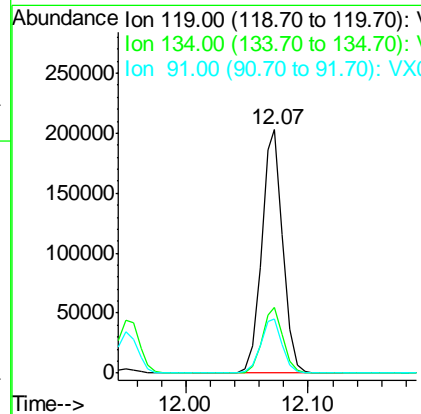
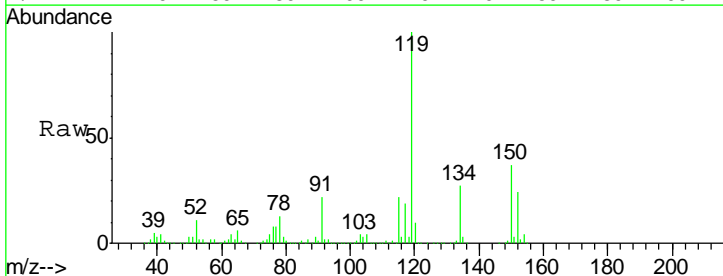
Tgt Ion	Resp	Lower	Upper
105	100		
134	21.2	10.8	32.4

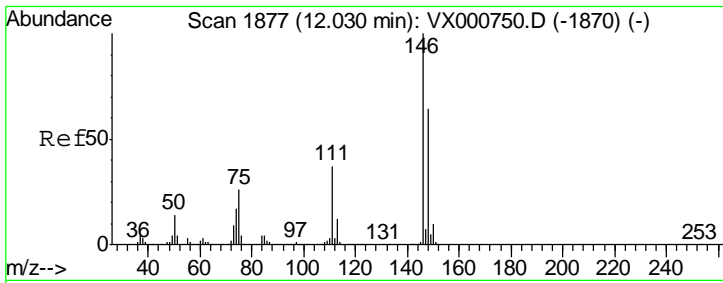
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM



#86  
 p-Isopropyltoluene  
 Concen: 19.74 ug/l  
 RT: 12.07 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
119	100		
134	26.8	13.6	40.7
91	22.8	11.2	33.5





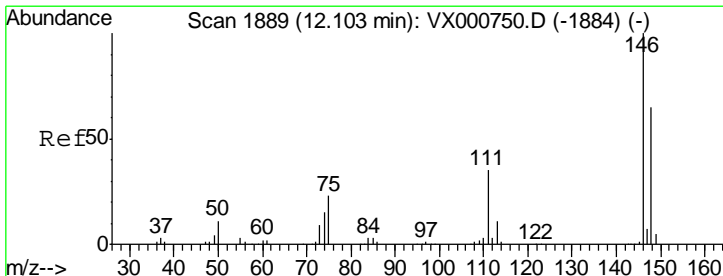
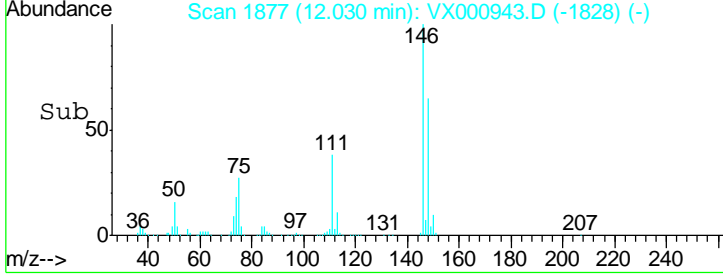
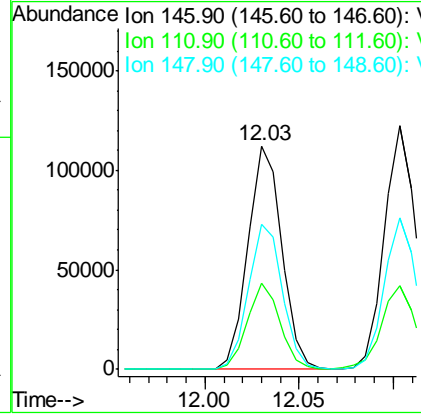
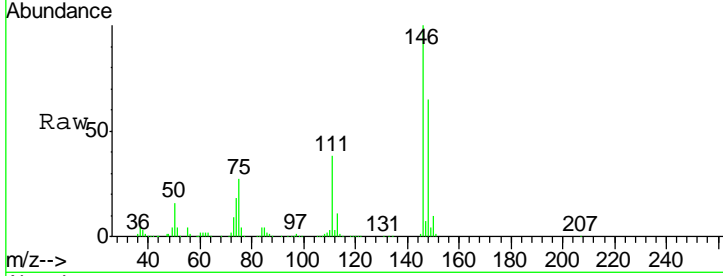
#87  
 1,3-Dichlorobenzene  
 Concen: 20.27 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
146	140515		
111	37.2	18.3	54.8
148	65.0	32.2	96.6

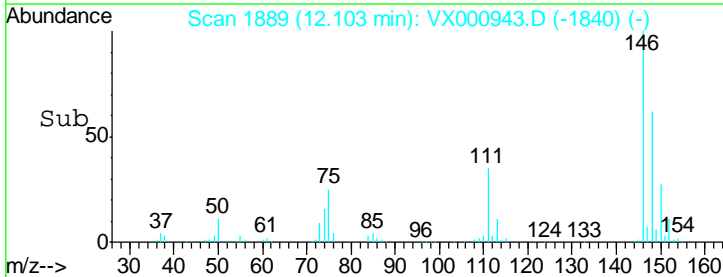
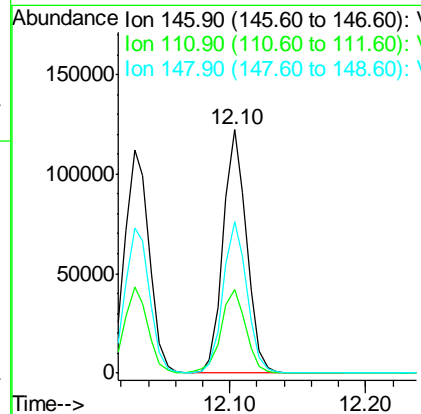
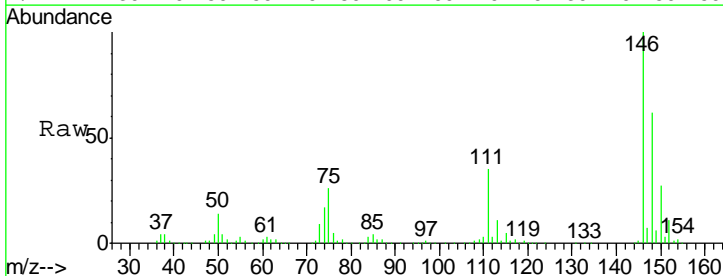
Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:13 PM

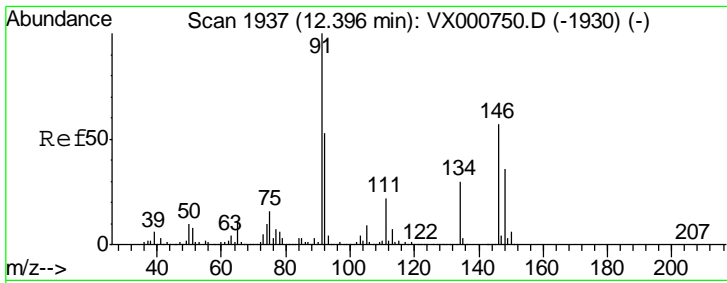


#88  
 1,4-Dichlorobenzene  
 Concen: 20.57 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
146	146116		
111	36.3	17.9	53.8
148	63.4	32.6	97.7







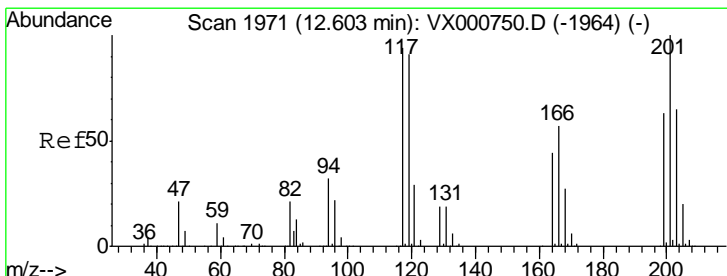
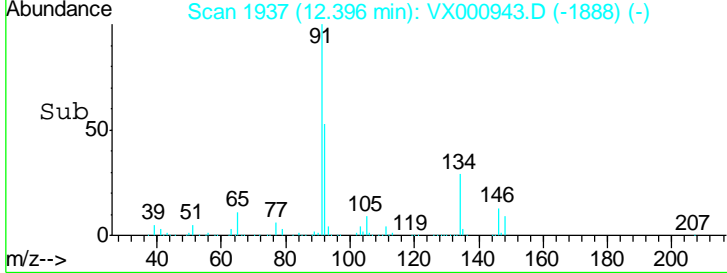
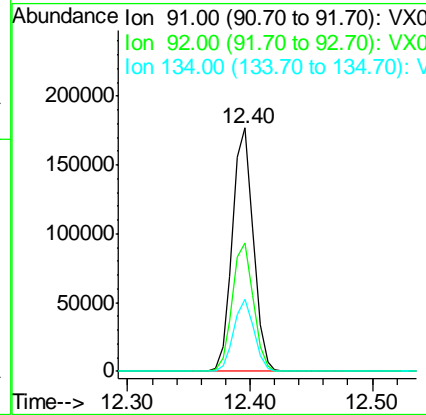
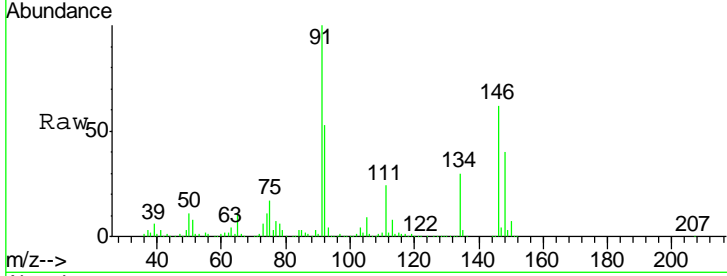
#89  
 n-Butylbenzene  
 Concen: 19.06 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	28.6	14.5	43.5

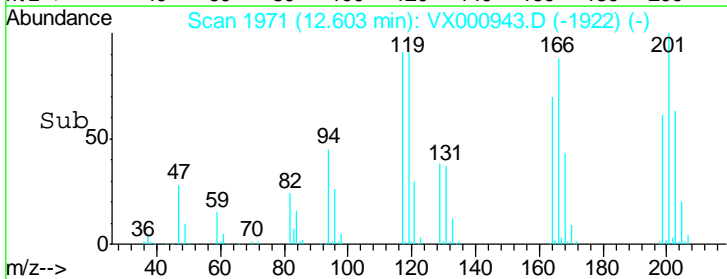
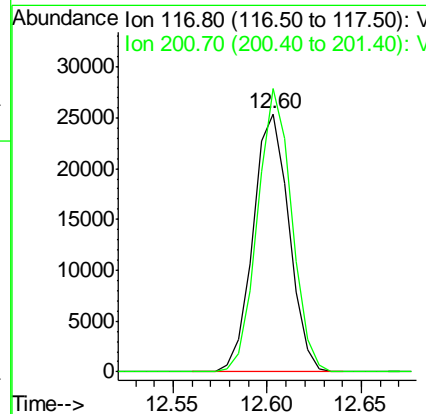
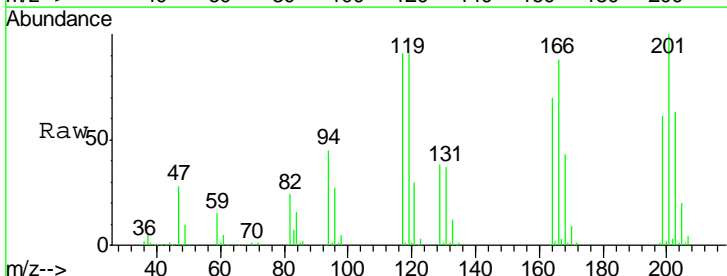
Manual Integrations  
 APPROVED

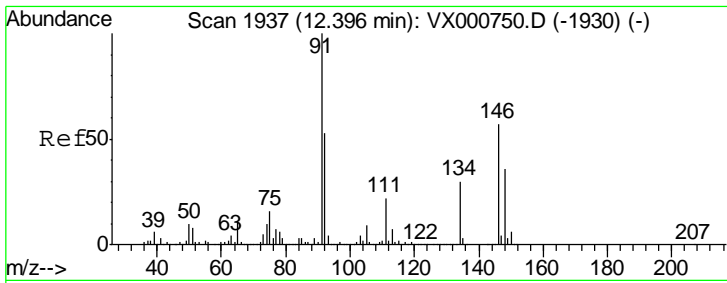
MMDadoda  
 4/18/2018 2:45:13 PM



#90  
 Hexachloroethane  
 Concen: 16.01 ug/l  
 RT: 12.60 min Scan# 1971  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

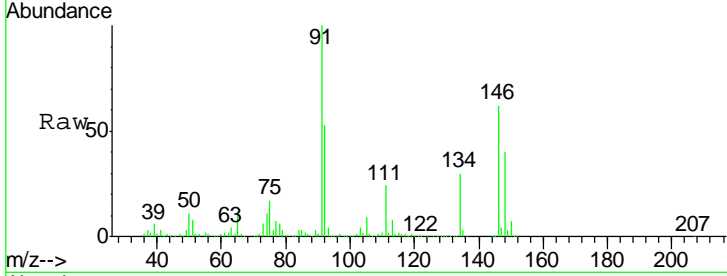
Tgt Ion	Resp	Lower	Upper
117	100		
201	104.2	52.9	158.7





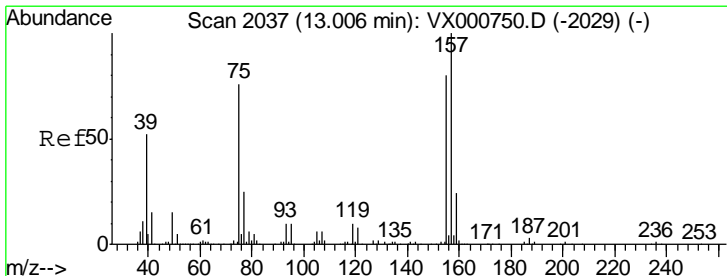
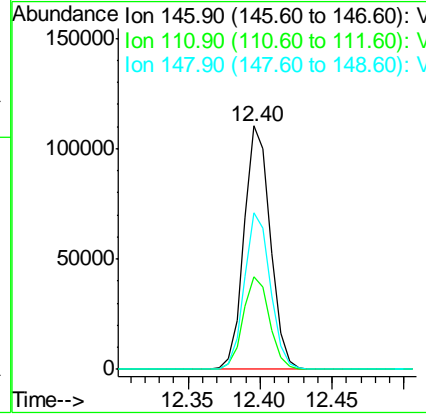
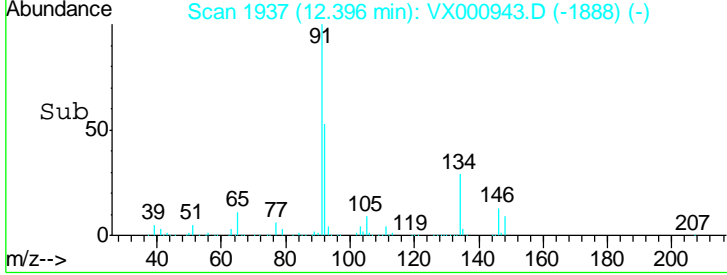
#91  
 1,2-Dichlorobenzene  
 Concen: 20.76 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

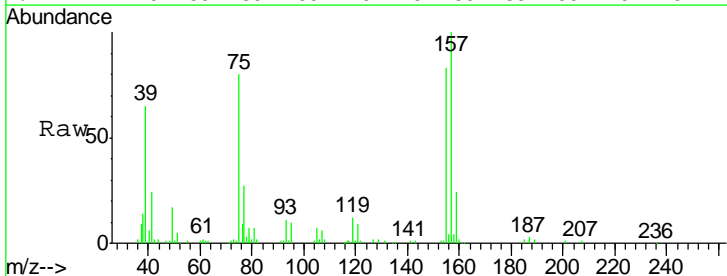


Tgt Ion	Resp	Lower	Upper
146	138892		
146	100		
111	38.2	18.9	56.7
148	63.7	32.0	96.2

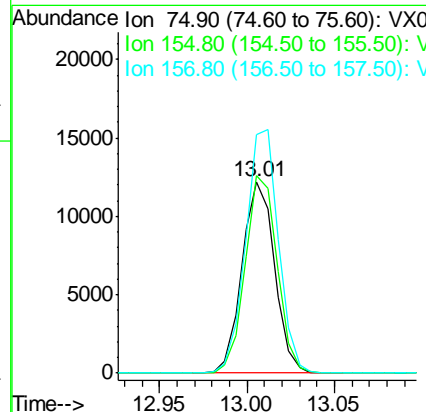
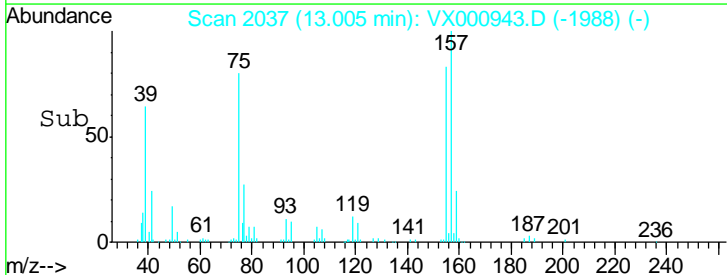
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/18/2018 2:45:13 PM

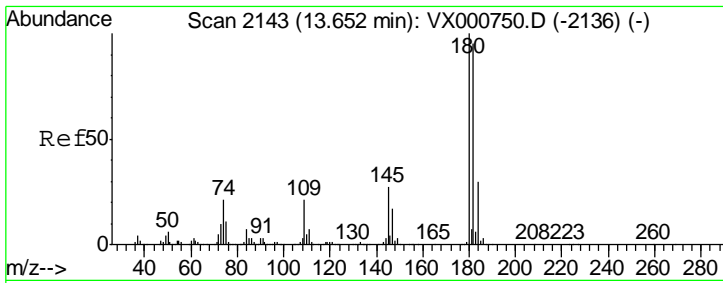


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.97 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27



Tgt Ion	Resp	Lower	Upper
75	15767		
75	100		
155	101.3	51.9	155.8
157	128.2	66.6	199.8





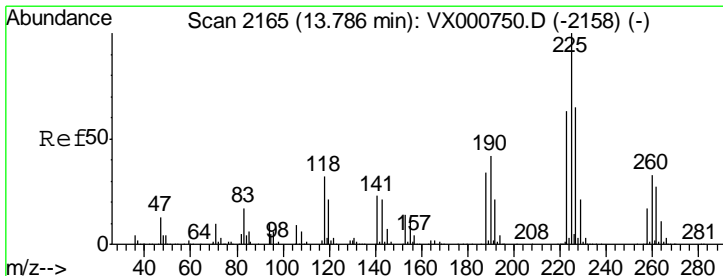
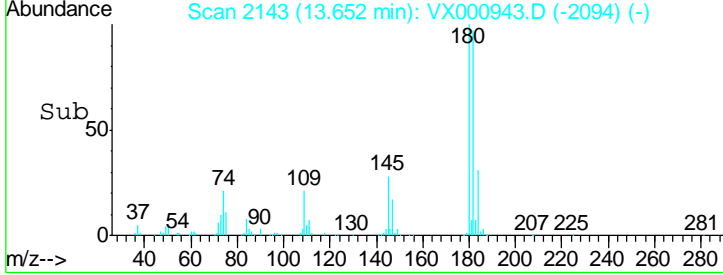
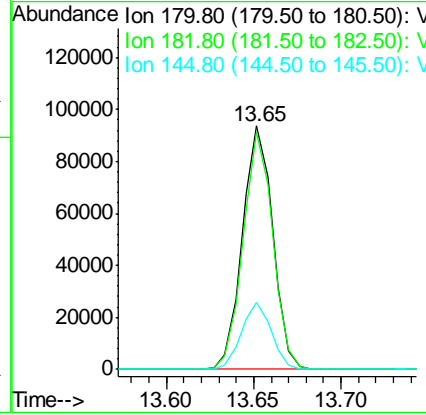
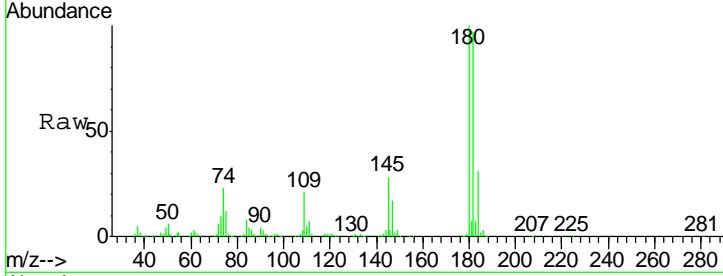
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.75 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
180	112775		
182	95.3	47.5	142.5
145	27.2	13.8	41.4

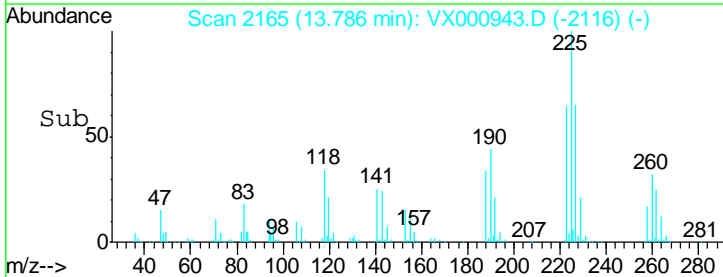
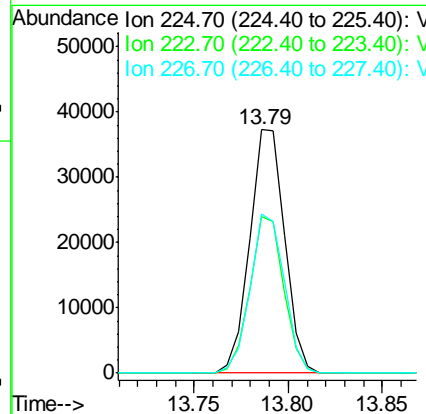
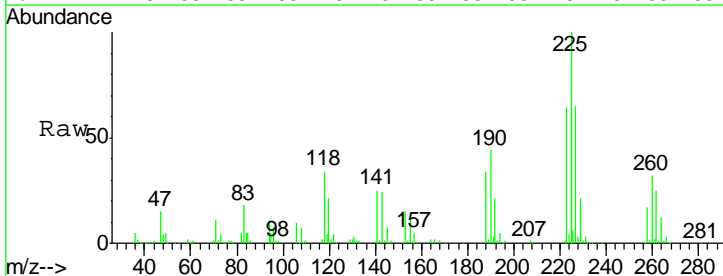
Manual Integrations  
 APPROVED

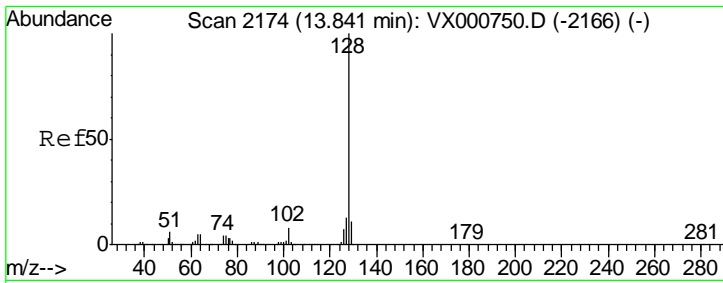
MMDadoda  
 4/18/2018 2:45:13 PM



#94  
 Hexachlorobutadiene  
 Concen: 17.06 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
225	47892		
223	62.5	31.2	93.6
227	64.0	32.3	96.9





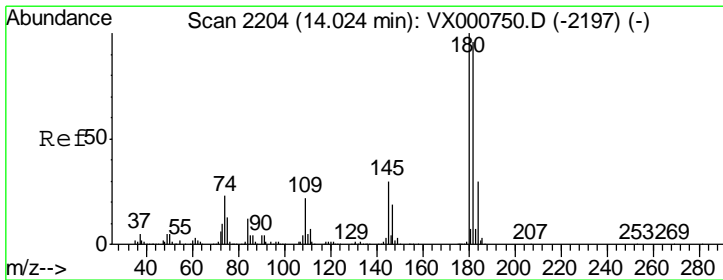
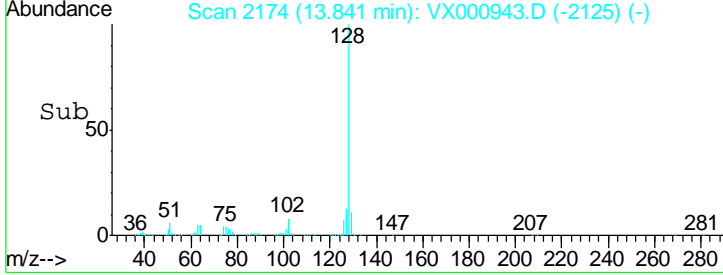
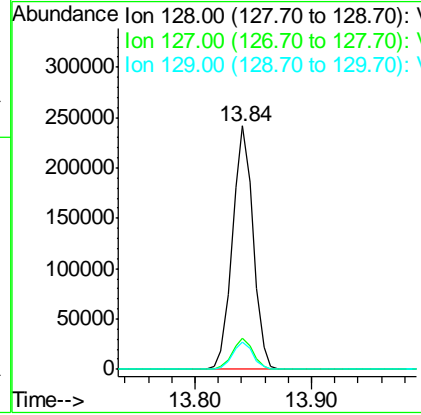
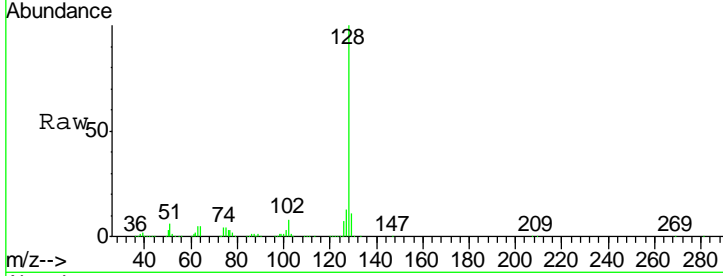
#95  
 Naphthalene  
 Concen: 20.24 ug/l  
 RT: 13.84 min Scan# 2174  
 Delta R.T. -0.00 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Instrument : MSVOA\_X  
 ClientSampled : VX0416WBSD02

Tgt Ion	Resp	Lower	Upper
128	296639		
127	12.8	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:13 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 19.83 ug/l  
 RT: 14.03 min Scan# 2205  
 Delta R.T. 0.01 min  
 Lab File: VX000943.D  
 Acq: 17 Apr 2018 02:27

Tgt Ion	Resp	Lower	Upper
180	109995		
182	96.0	48.4	145.2
145	29.1	14.6	43.8

