

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\  
 Data File : VX003620.D  
 Acq On : 23 Jul 2018 23:09  
 Operator : JC/SP  
 Sample : VX0723WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 33 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 VX0723WBSD02

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/24/2018 3:54:54 PM

Quant Time: Jul 24 08:31:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 19 17:09:44 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	178007	56.54	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 113.08%
35) Dibromofluoromethane	5.50	113	158931	54.77	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 109.54%
50) Toluene-d8	8.72	98	581142	53.28	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 106.56%
62) 4-Bromofluorobenzene	11.14	95	213064	53.53	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 107.06%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46088	21.42	ug/l	97
3) Chloromethane	1.32	50	58404	21.65	ug/l	98
4) Vinyl Chloride	1.40	62	66711	19.75	ug/l	98
5) Bromomethane	1.64	94	35285	25.01	ug/l	100
6) Chloroethane	1.72	64	43708	21.86	ug/l	96
7) Trichlorofluoromethane	1.93	101	98177	21.78	ug/l	96
8) Diethyl Ether	2.19	74	41575	21.48	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62514	21.19	ug/l	96
10) Methyl Iodide	2.51	142	81330	22.95	ug/l	92
11) Tert butyl alcohol	3.07	59	84547	135.72	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59111	21.76	ug/l	85
13) Acrolein	2.29	56	20208	71.80	ug/l	100
14) Allyl chloride	2.73	41	106546	22.16	ug/l #	86
15) Acrylonitrile	3.15	53	196871	124.13	ug/l	98
16) Acetone	2.45	43	145740	122.56	ug/l #	88
17) Carbon Disulfide	2.57	76	146392	19.93	ug/l	98
18) Methyl Acetate	2.78	43	97076	25.90	ug/l #	91
19) Methyl tert-butyl Ether	3.21	73	218319	24.61	ug/l	97
20) Methylene Chloride	2.86	84	71153	24.02	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	66206	21.91	ug/l	91
22) Diisopropyl ether	3.88	45	226742	25.06	ug/l	96
23) Vinyl Acetate	3.83	43	920018	123.44	ug/l	96
24) 1,1-Dichloroethane	3.70	63	130226	24.53	ug/l	99
25) 2-Butanone	4.71	43	267034	133.84	ug/l	92
26) 2,2-Dichloropropane	4.59	77	63289	15.70	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	77122	22.92	ug/l	90
28) Bromochloromethane	5.03	49	52330	22.55	ug/l	90
29) Tetrahydrofuran	5.17	42	172198	130.65	ug/l	92
30) Chloroform	5.22	83	128072	24.71	ug/l	98
31) Cyclohexane	5.57	56	104412	22.01	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	108138	24.36	ug/l	98
36) 1,1-Dichloropropene	5.80	75	92791	22.56	ug/l	98
37) Ethyl Acetate	4.87	43	99188	25.48	ug/l	96
38) Carbon Tetrachloride	5.78	117	95325	23.63	ug/l	97

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	102441	21.03	ug/l	95
40) Benzene	6.15	78	291736	23.49	ug/l	99
41) Methacrylonitrile	5.07	41	56621	24.75	ug/l	92
42) 1,2-Dichloroethane	6.20	62	98033	25.05	ug/l	95
43) Isopropyl Acetate	6.47	43	155889	25.18	ug/l	94
44) Trichloroethene	7.22	130	84541	22.83	ug/l	100
45) 1,2-Dichloropropane	7.52	63	76120	24.14	ug/l	100
46) Dibromomethane	7.67	93	49266	24.27	ug/l	96
47) Bromodichloromethane	7.90	83	92532	24.90	ug/l	98
48) Methyl methacrylate	7.78	41	79028	25.31	ug/l	85
49) 1,4-Dioxane	7.76	88	37007	523.08	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	524692	134.14	ug/l	92
52) Toluene	8.79	92	184054	23.54	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	104427	22.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	94400	22.95	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	76984	24.75	ug/l	98
56) Ethyl methacrylate	9.18	69	108516	24.77	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	125745	25.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	224134	105.20	ug/l	97
59) 2-Hexanone	9.50	43	396905	136.95	ug/l	90
60) Dibromochloromethane	9.59	129	75309	24.46	ug/l	100
61) 1,2-Dibromoethane	9.68	107	79117	24.53	ug/l	99
64) Tetrachloroethene	9.34	164	102250	23.15	ug/l	100
65) Chlorobenzene	10.14	112	211392	22.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	75840	23.60	ug/l	99
67) Ethyl Benzene	10.26	91	344106	22.91	ug/l	100
68) m/p-Xylenes	10.36	106	269358	45.75	ug/l	96
69) o-Xylene	10.70	106	130818	22.98	ug/l	97
70) Styrene	10.71	104	220460	23.54	ug/l	97
71) Bromoform	10.86	173	57669	23.10	ug/l #	100
73) Isopropylbenzene	11.02	105	352593	23.08	ug/l	99
74) N-amyl acetate	6.47	43	155889	24.03	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	107633	24.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97011m	24.45	ug/l	
77) Bromobenzene	11.26	156	98208	22.35	ug/l	97
78) n-propylbenzene	11.37	91	390589	23.00	ug/l	98
79) 2-Chlorotoluene	11.43	91	235708	22.86	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	290788	23.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25432	19.71	ug/l	92
82) 4-Chlorotoluene	11.51	91	276690	22.90	ug/l	98
83) tert-Butylbenzene	11.77	119	277761	22.59	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	300302	23.51	ug/l	98
85) sec-Butylbenzene	11.95	105	344463	23.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	307468	22.94	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	177127	21.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181061	21.76	ug/l	99
89) n-Butylbenzene	12.39	91	248613	21.84	ug/l	99
90) Hexachloroethane	12.60	117	41819	21.95	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	179538	22.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21448	24.62	ug/l	89

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 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0723WBSD02

Manual Integrations  
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
 Quant Title : SW846 8260  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122513	21.00	ug/l	99
94) Hexachlorobutadiene	13.79	225	57548	20.51	ug/l	99
95) Naphthalene	13.83	128	357834	23.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128041	22.17	ug/l	100

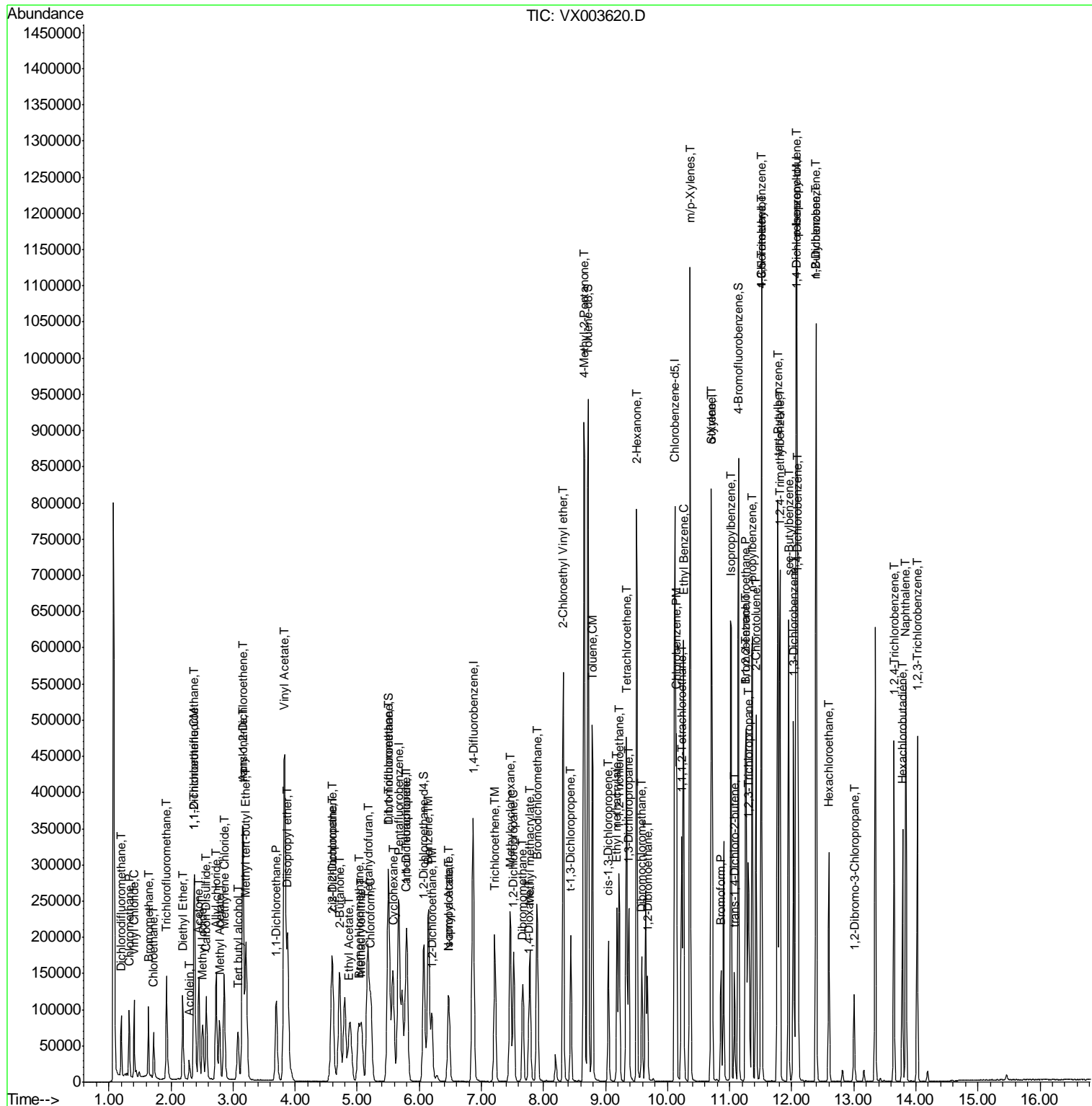
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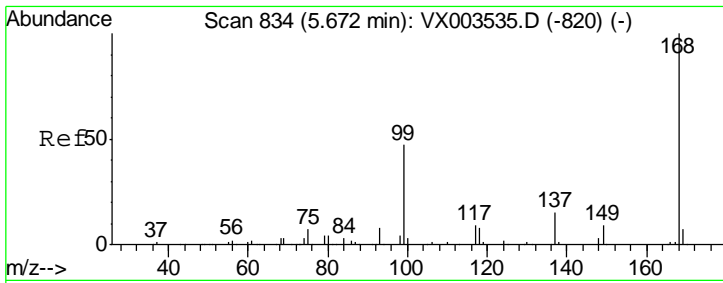
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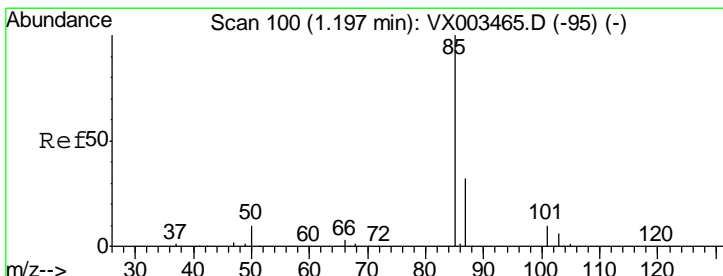
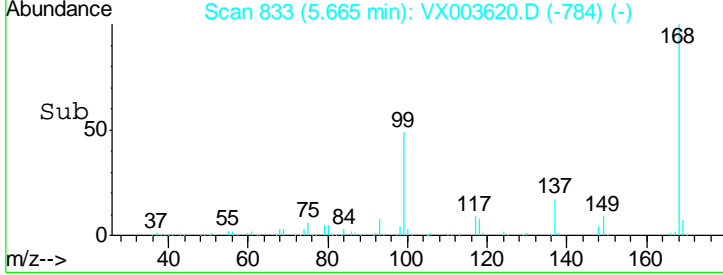
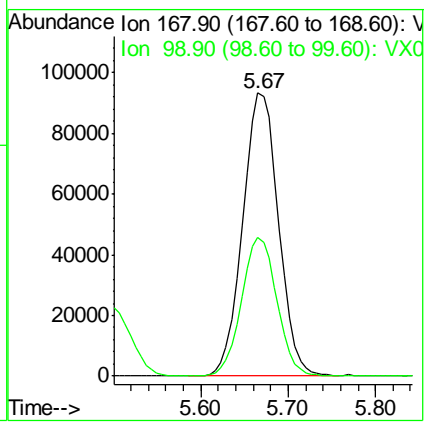
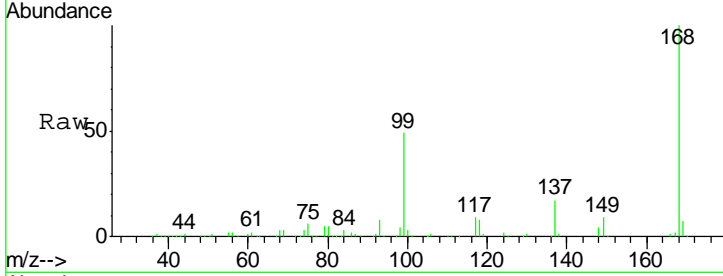
#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion: 168 Resp: 265948

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

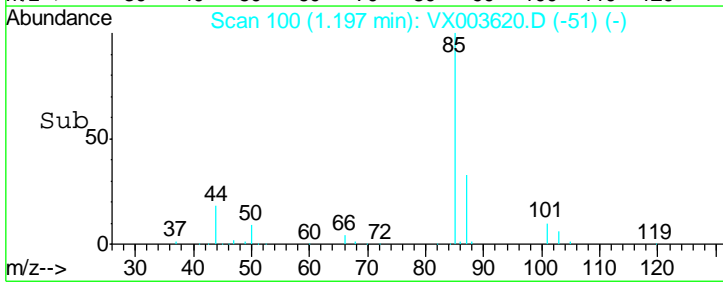
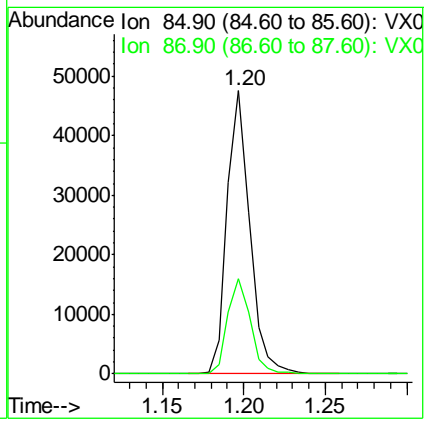
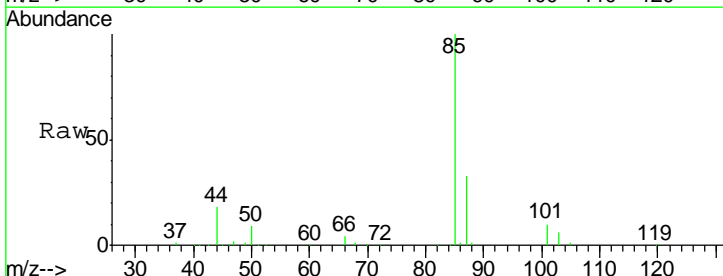
Manual Integrations  
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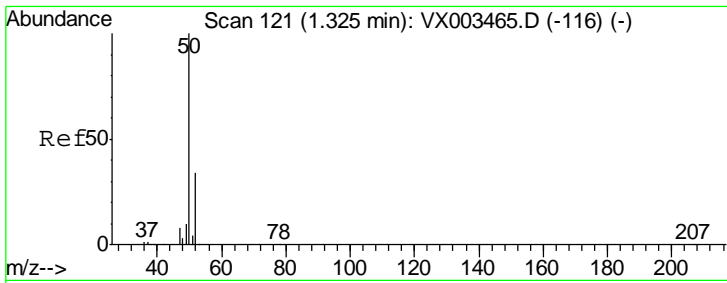


#2  
 Dichlorodifluoromethane  
 Concen: 21.42 ug/l  
 RT: 1.20 min Scan# 100  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion: 85 Resp: 46088

Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.0	47.9





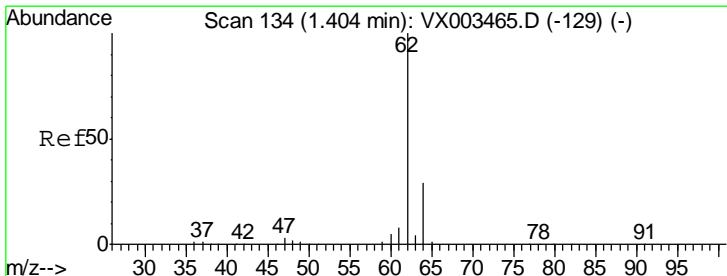
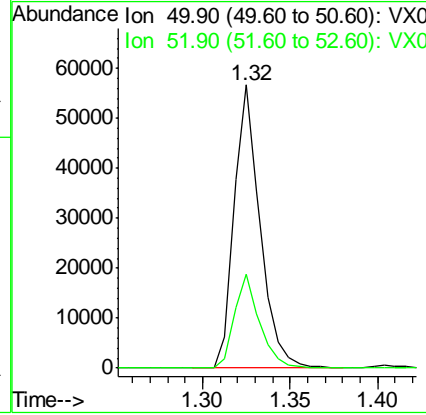
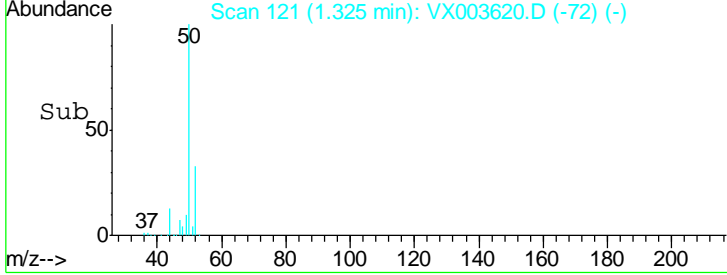
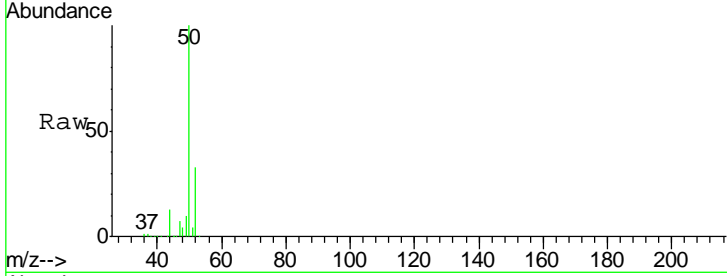
#3  
 Chloromethane  
 Concen: 21.65 ug/l  
 RT: 1.32 min Scan# 121  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
50	100		
52	33.1	25.7	38.5

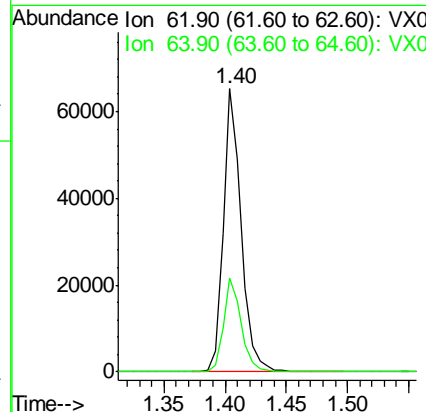
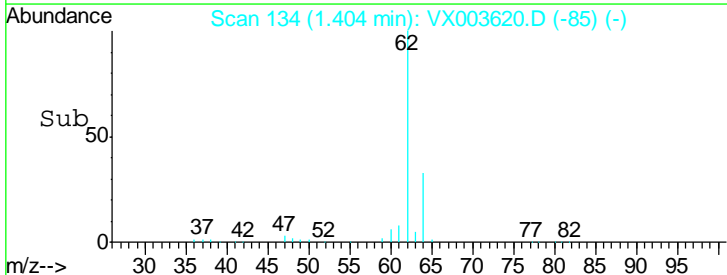
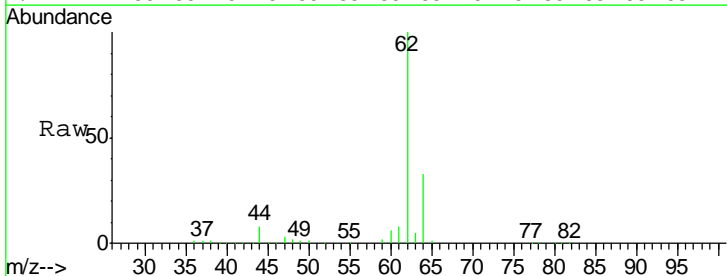
Manual Integrations  
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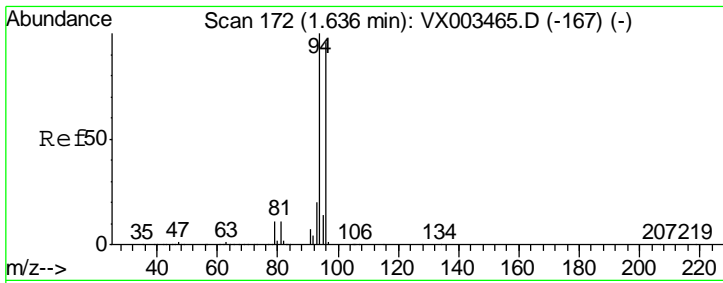
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#4  
 Vinyl Chloride  
 Concen: 19.75 ug/l  
 RT: 1.40 min Scan# 134  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
62	100		
64	33.2	25.4	38.2



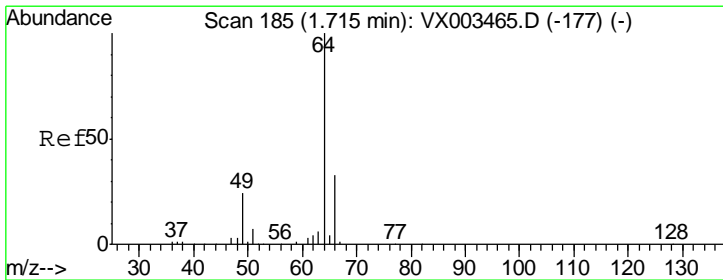
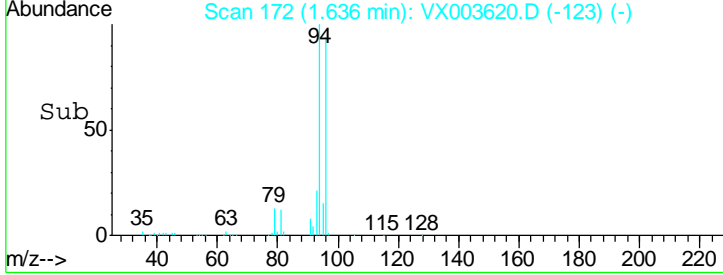
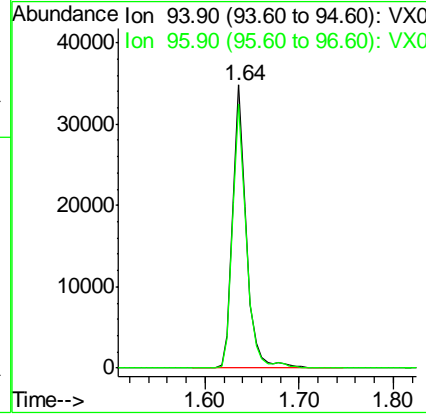
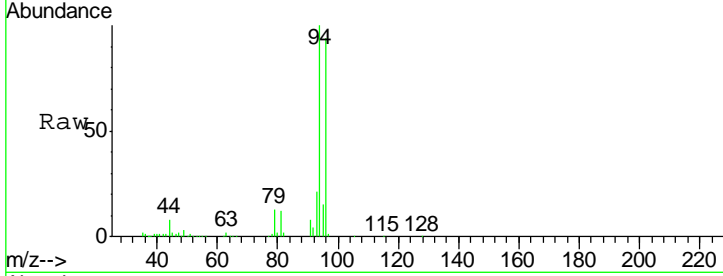


#5  
 Bromomethane  
 Concen: 25.01 ug/l  
 RT: 1.64 min Scan# 172  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
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 VX0723WBSD02

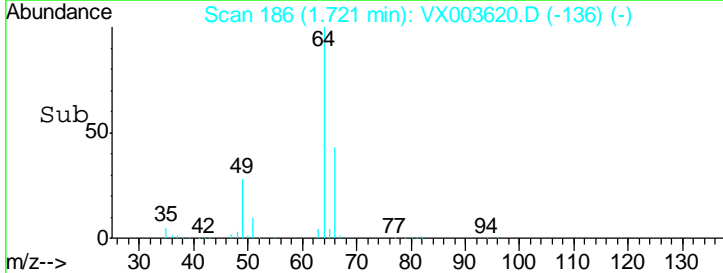
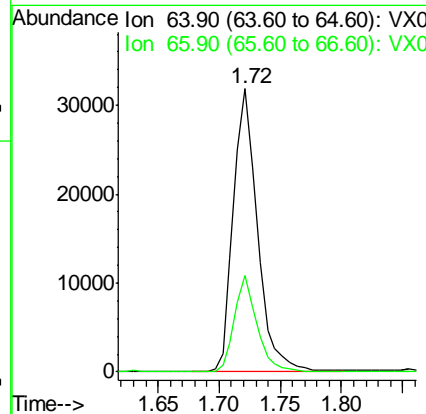
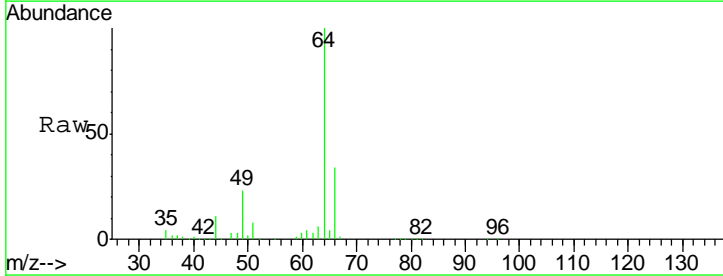
Tgt Ion	Resp	Lower	Upper
94	100		
96	93.5	74.9	112.3

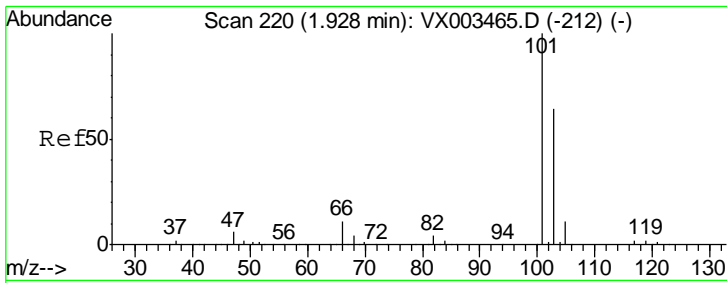
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#6  
 Chloroethane  
 Concen: 21.86 ug/l  
 RT: 1.72 min Scan# 186  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
64	100		
66	34.1	25.5	38.3



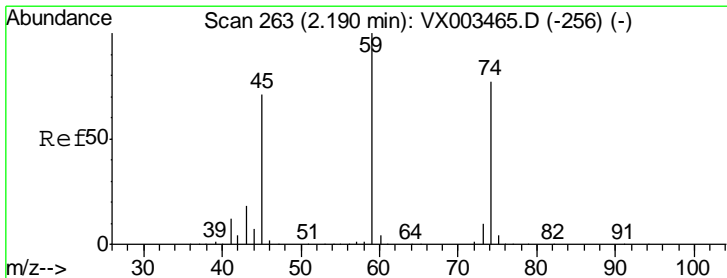
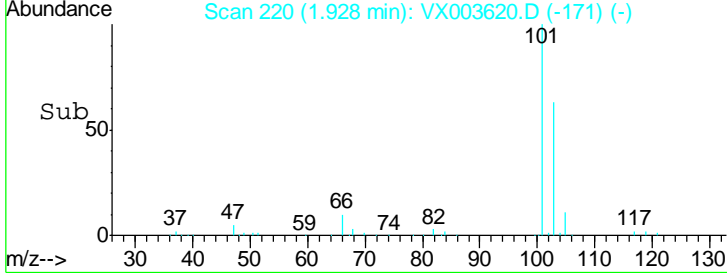
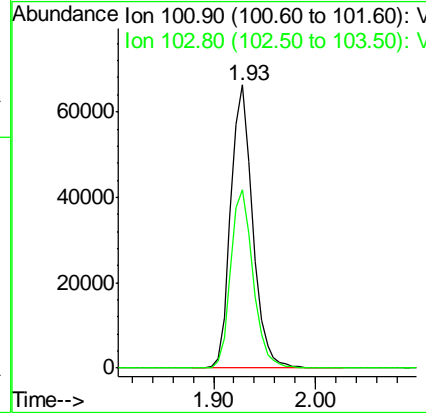
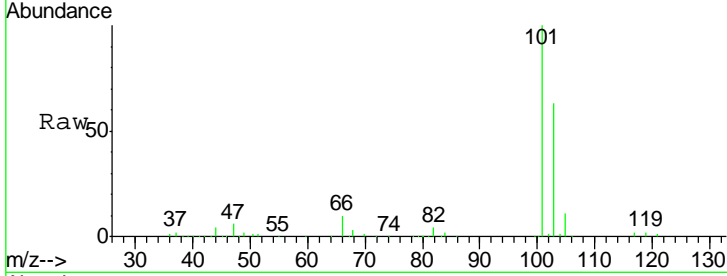


#7  
 Trichlorofluoromethane  
 Concen: 21.78 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
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 ClientSampled :  
 VX0723WBSD02

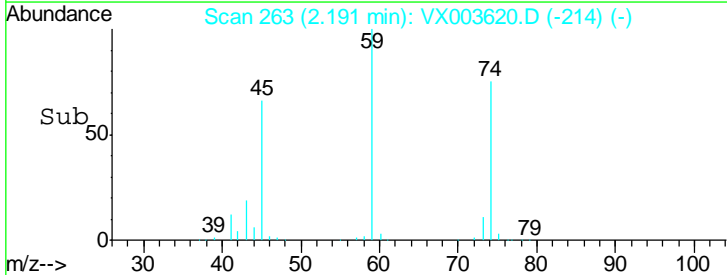
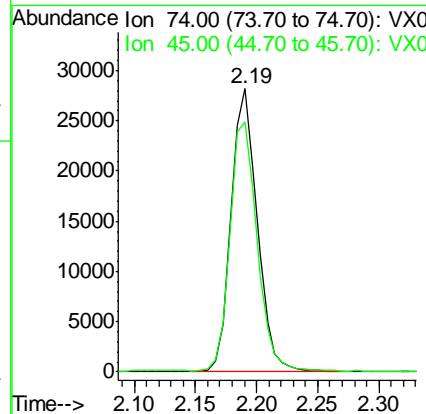
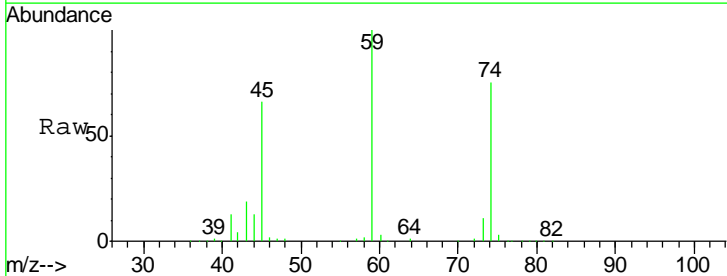
Tgt Ion	Resp	Lower	Upper
101	98177		
103	63.0	52.8	79.2

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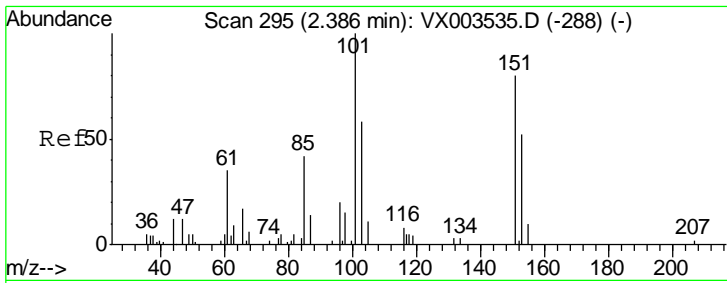


#8  
 Diethyl Ether  
 Concen: 21.48 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
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Tgt Ion	Resp	Lower	Upper
74	41575		
45	91.0	53.1	159.4







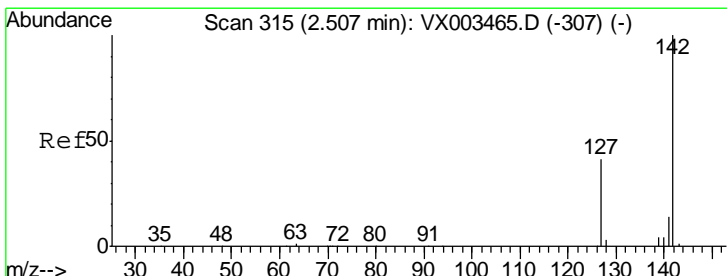
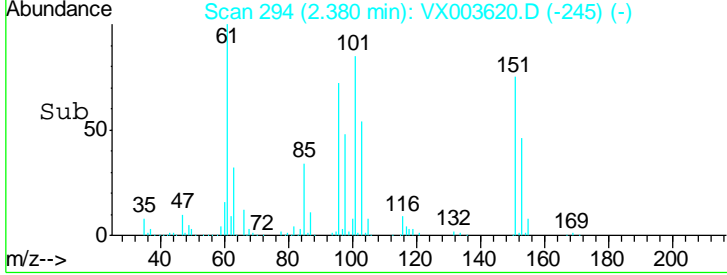
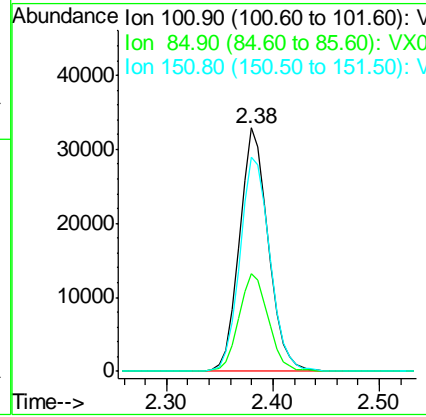
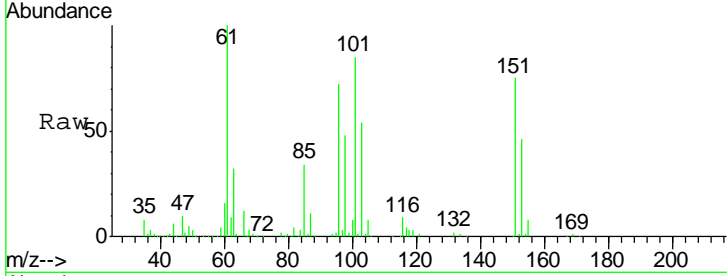
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.19 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
101	62514		
85	41.2	36.0	54.0
151	91.8	70.9	106.3

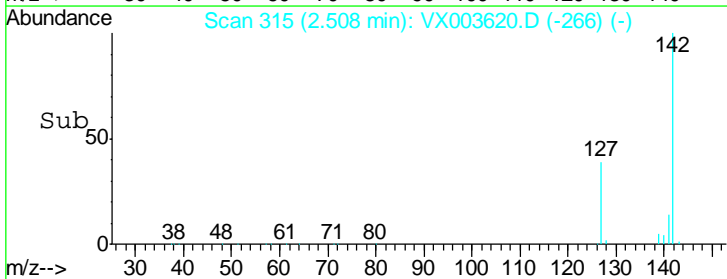
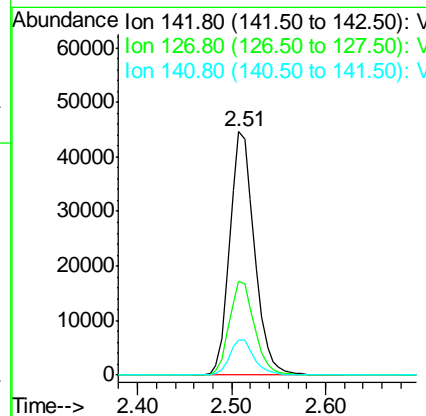
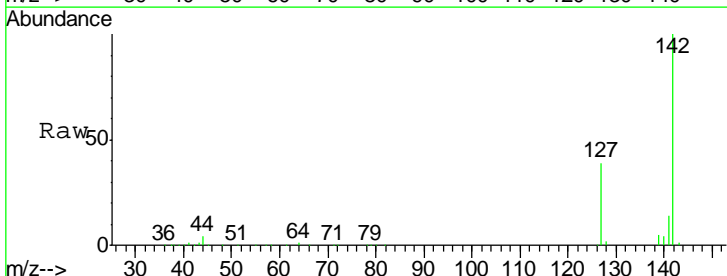
**Manual Integrations**  
**APPROVED**

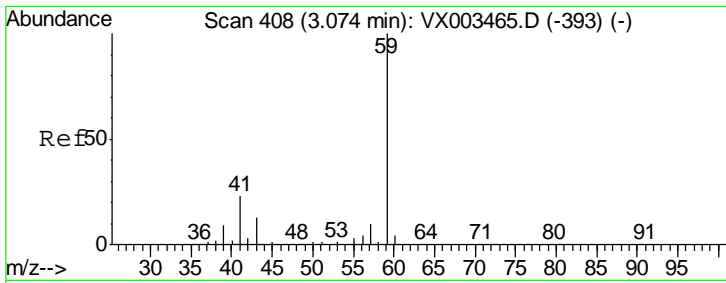
MMDadoda  
 7/24/2018 3:54:54 PM



#10  
 Methyl Iodide  
 Concen: 22.95 ug/l  
 RT: 2.51 min Scan# 315  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
142	81330		
127	39.2	36.6	55.0
141	14.4	11.3	16.9





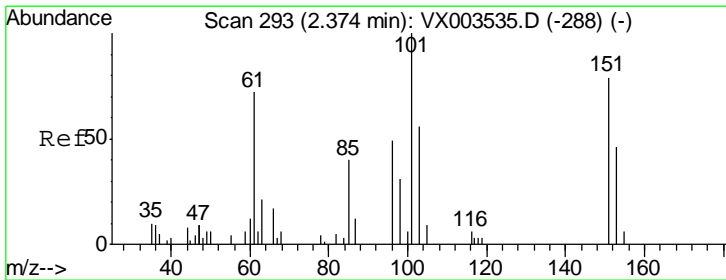
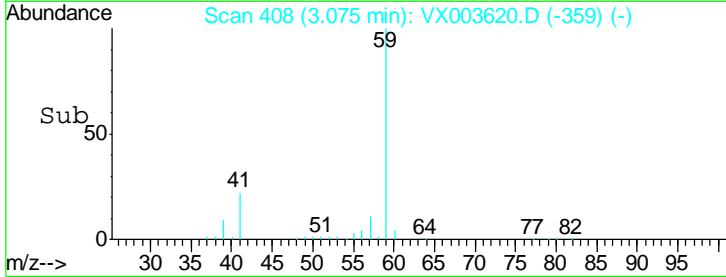
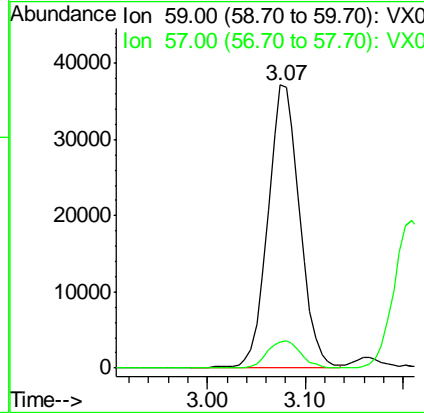
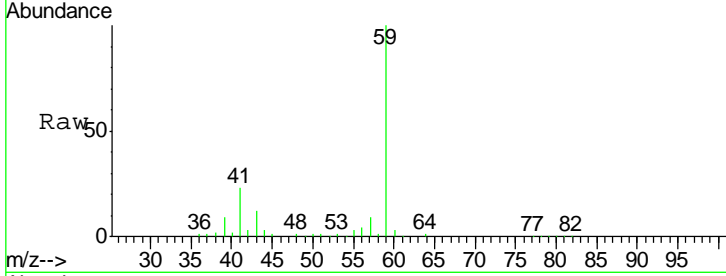
#11  
 Tert butyl alcohol  
 Concen: 135.72 ug/l  
 RT: 3.07 min Scan# 408  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
59	100		
57	10.2	8.2	12.2

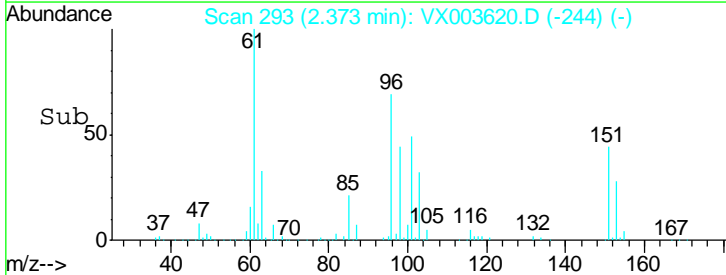
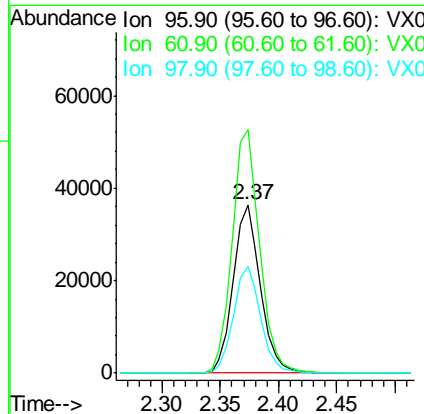
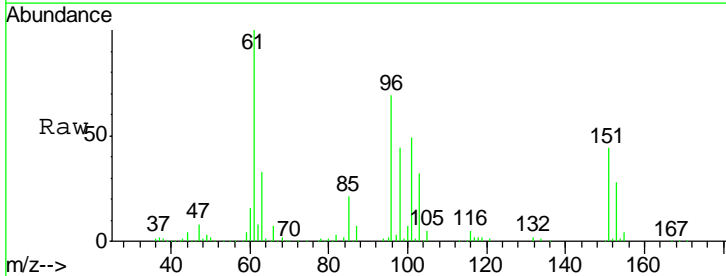
Manual Integrations  
 APPROVED

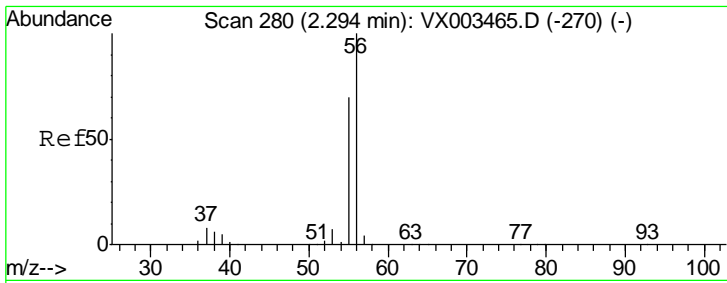
MMDadoda  
 7/24/2018 3:54:54 PM



#12  
 1,1-Dichloroethene  
 Concen: 21.76 ug/l  
 RT: 2.37 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
96	100		
61	144.6	137.9	206.9
98	63.3	51.6	77.4





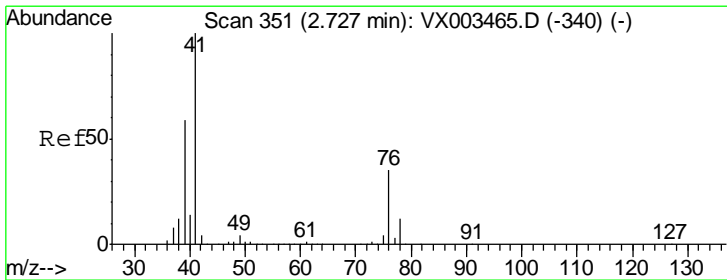
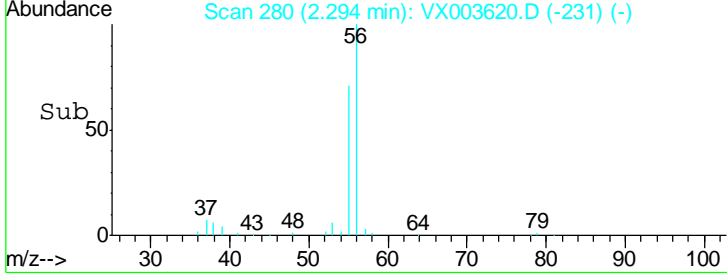
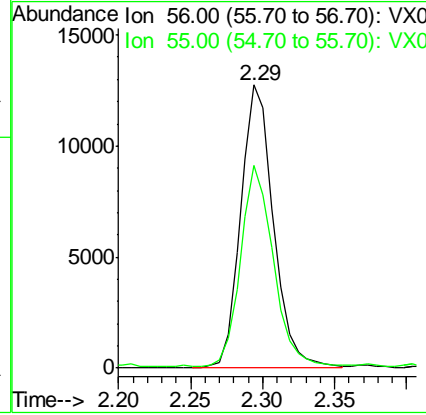
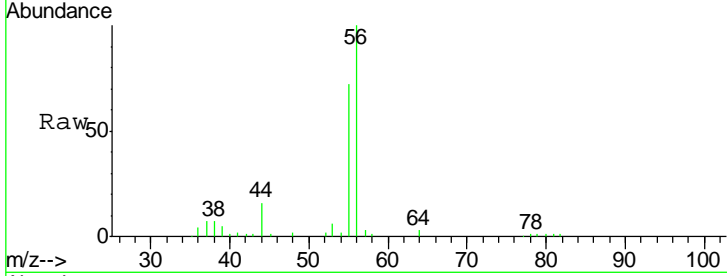
#13  
 Acrolein  
 Concen: 71.80 ug/l  
 RT: 2.29 min Scan# 280  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
56	100		
55	70.8	57.0	85.4

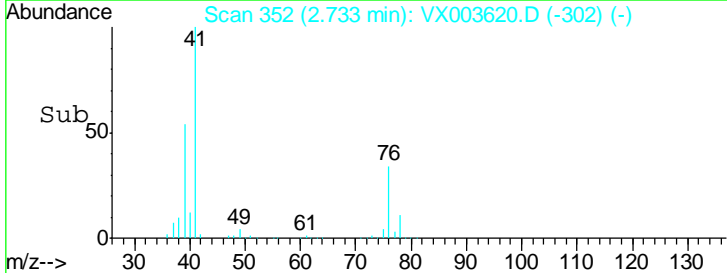
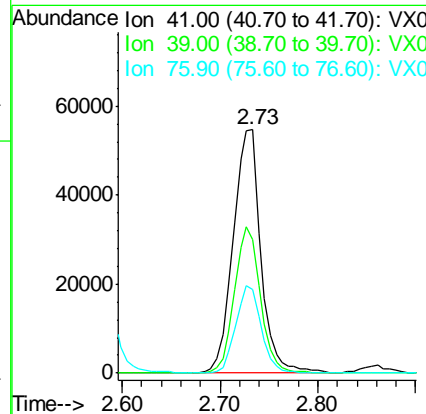
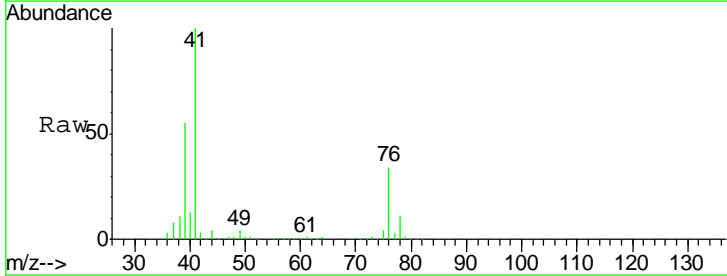
Manual Integrations  
 APPROVED

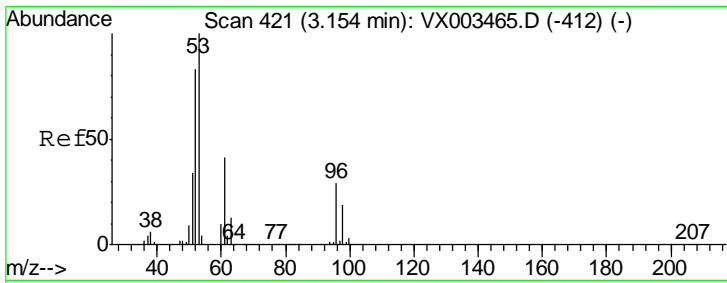
MMDadoda  
 7/24/2018 3:54:54 PM



#14  
 Allyl chloride  
 Concen: 22.16 ug/l  
 RT: 2.73 min Scan# 352  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
41	100		
39	56.4	56.8	85.2#
76	33.6	23.8	35.8





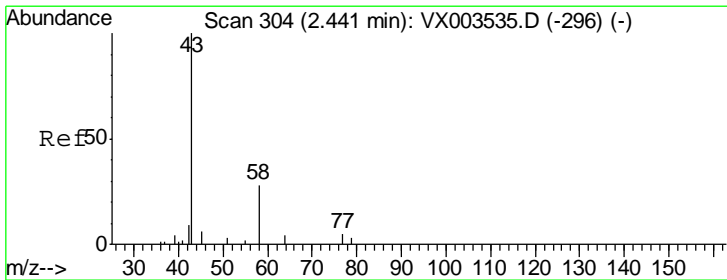
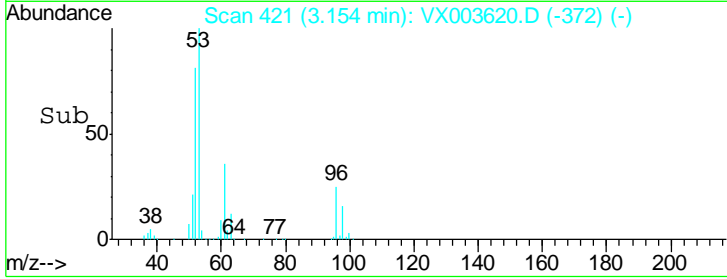
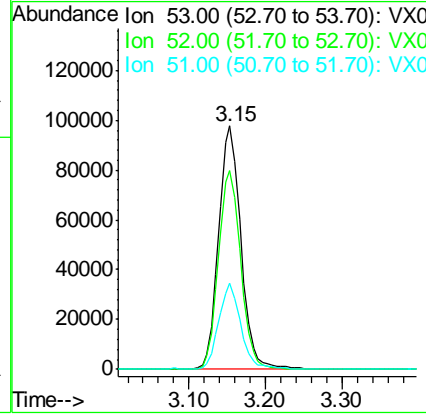
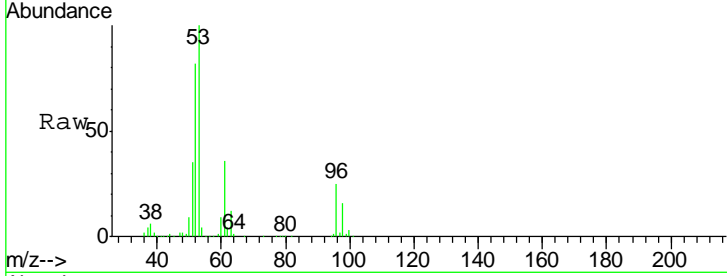
#15  
 Acrylonitrile  
 Concen: 124.13 ug/l  
 RT: 3.15 min Scan# 421  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
53	196871		
52	82.0	66.7	100.1
51	35.0	29.9	44.9

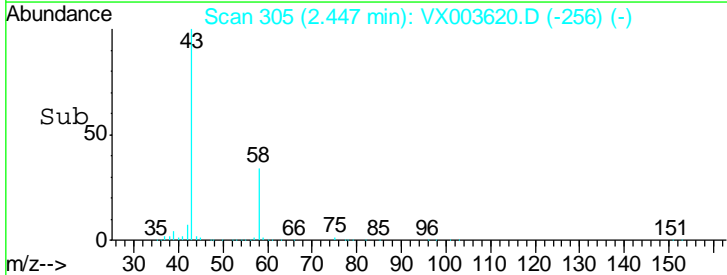
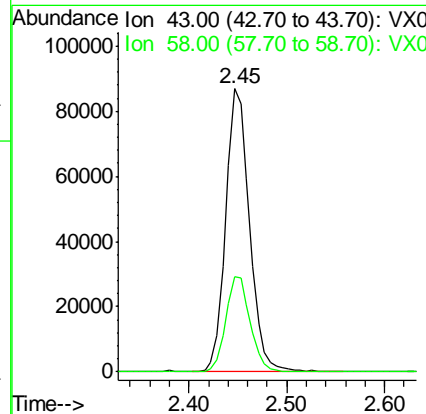
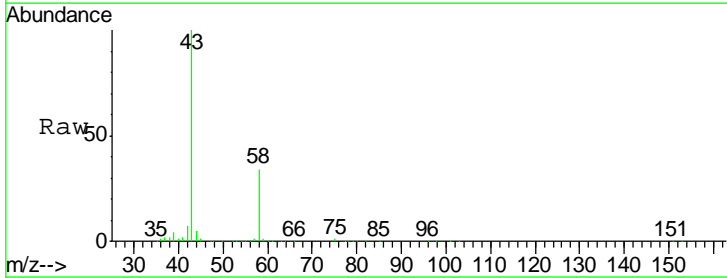
**Manual Integrations**  
**APPROVED**

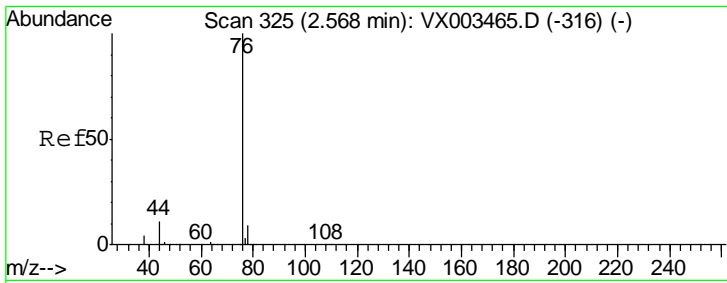
MMDadoda  
 7/24/2018 3:54:54 PM



#16  
 Acetone  
 Concen: 122.56 ug/l  
 RT: 2.45 min Scan# 305  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
43	145740		
58	33.9	22.1	33.1#



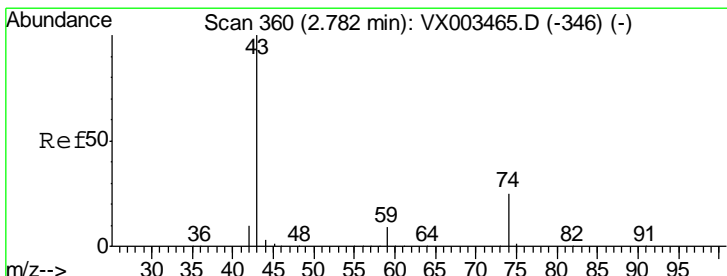
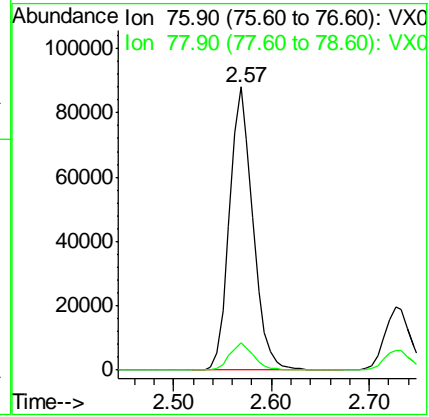
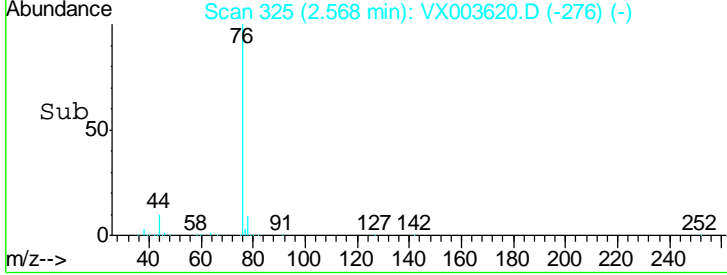
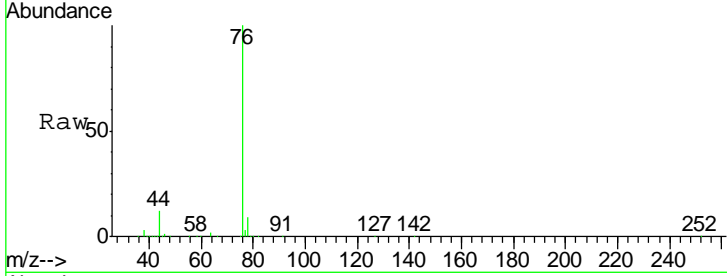


#17  
 Carbon Disulfide  
 Concen: 19.93 ug/l  
 RT: 2.57 min Scan# 325  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

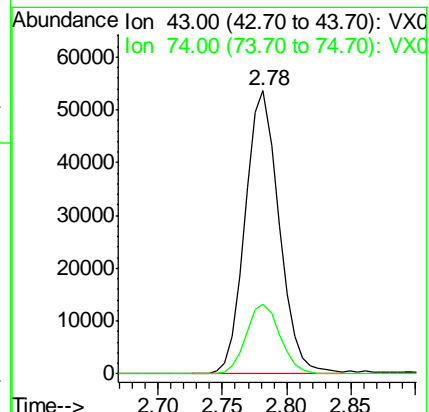
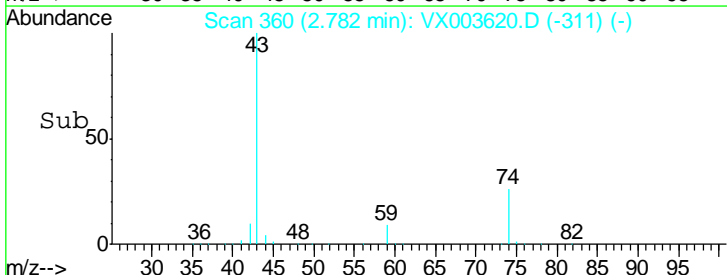
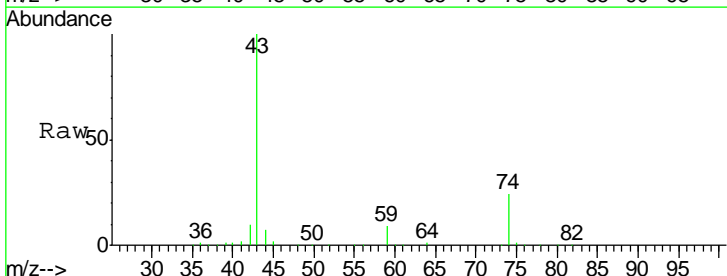
Tgt Ion	Resp	Lower	Upper
76	146392		
76	100		
78	9.4	6.9	10.3

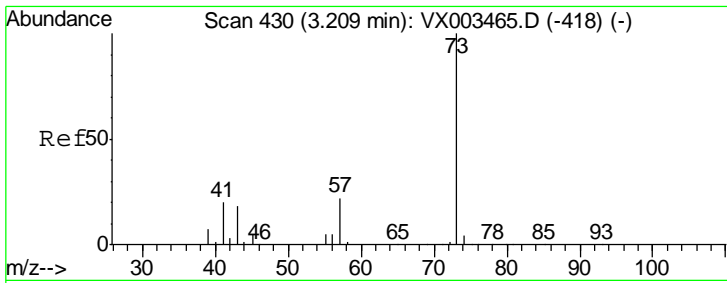
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/24/2018 3:54:54 PM



#18  
 Methyl Acetate  
 Concen: 25.90 ug/l  
 RT: 2.78 min Scan# 360  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
43	97076		
43	100		
74	25.1	16.7	25.1#



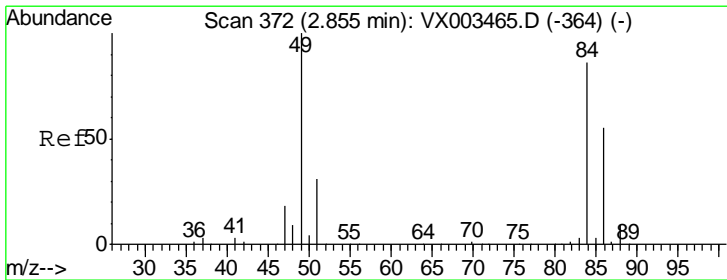
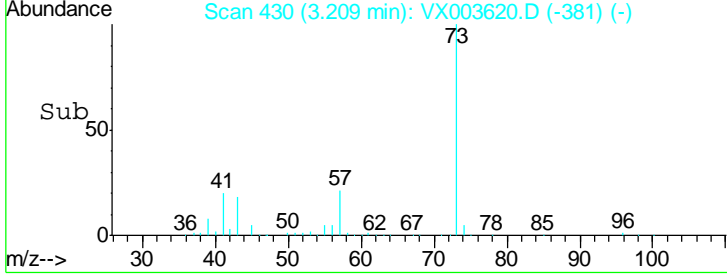
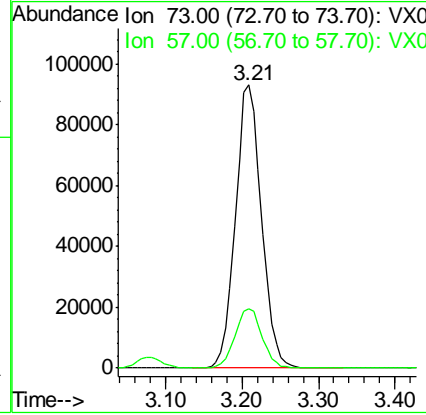
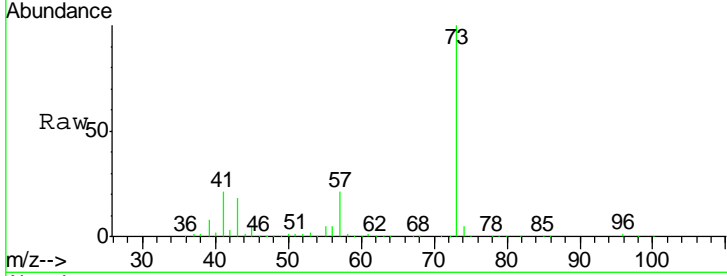


#19  
 Methyl tert-butyl Ether  
 Concen: 24.61 ug/l  
 RT: 3.21 min Scan# 430  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

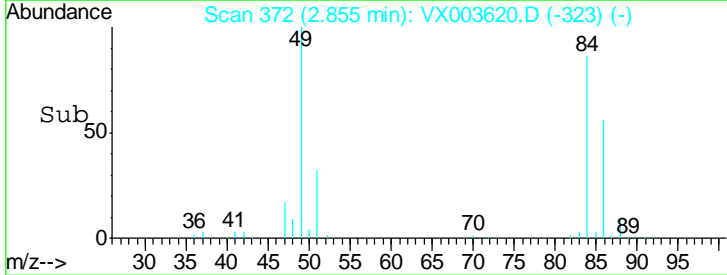
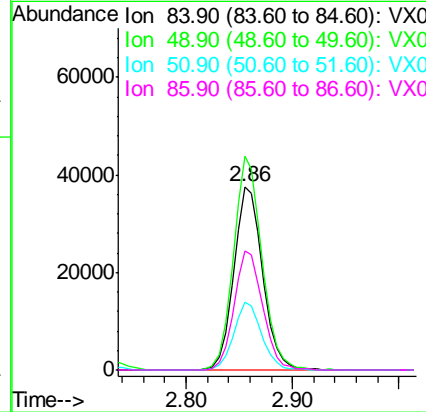
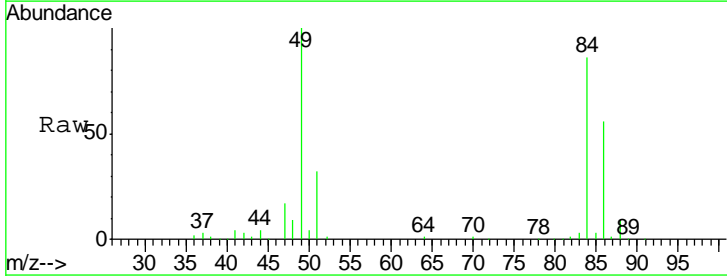
Tgt Ion	Resp	Lower	Upper
73	100		
57	20.8	17.7	26.5

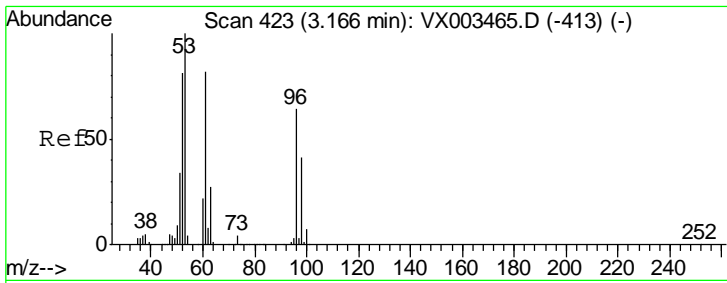
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/24/2018 3:54:54 PM



#20  
 Methylene Chloride  
 Concen: 24.02 ug/l  
 RT: 2.86 min Scan# 372  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

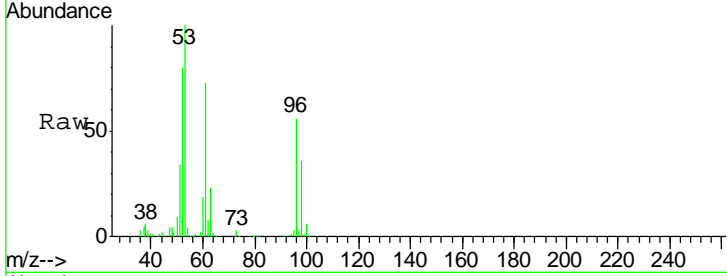
Tgt Ion	Resp	Lower	Upper
84	100		
49	116.3	107.8	161.6
51	36.9	32.8	49.2
86	64.6	52.5	78.7





#21  
 trans-1,2-Dichloroethene  
 Concen: 21.91 ug/l  
 RT: 3.17 min Scan# 423  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

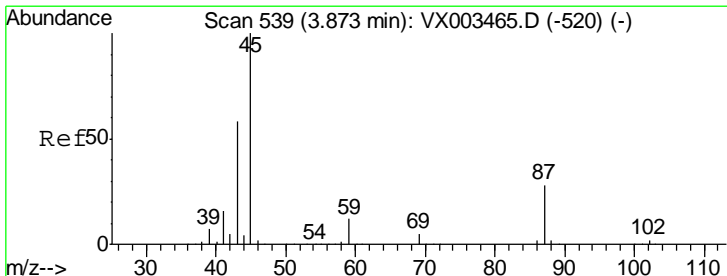
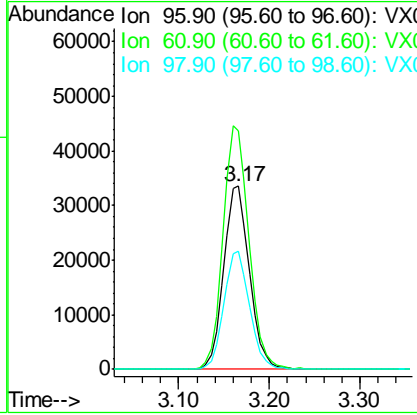
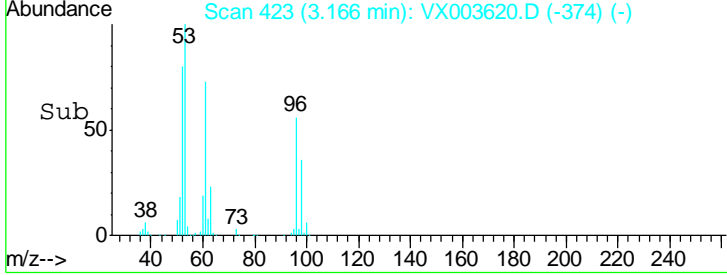
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02



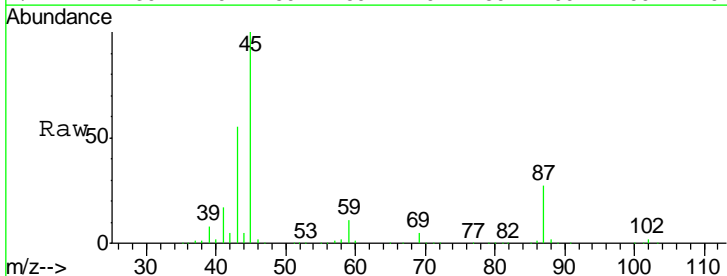
Tgt Ion: 96 Resp: 66206

Ion	Ratio	Lower	Upper
96	100		
61	130.5	117.0	175.4
98	64.4	52.4	78.6

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/24/2018 3:54:54 PM

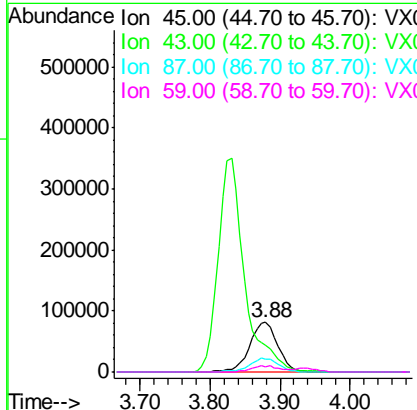
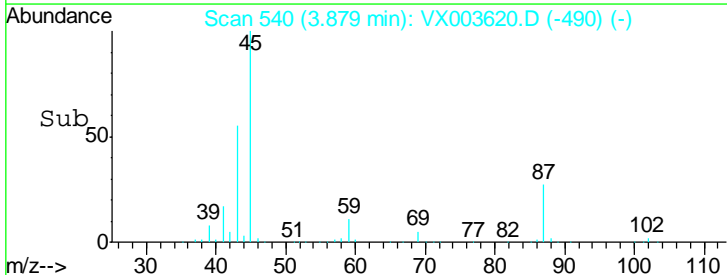


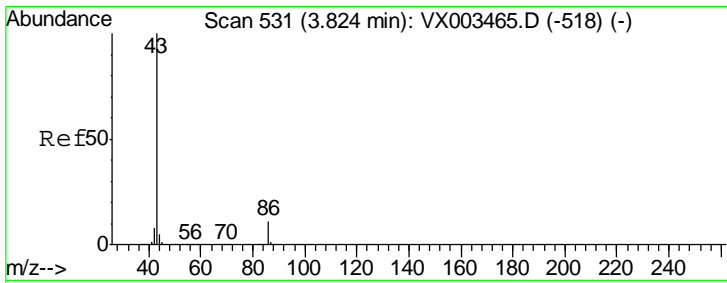
#22  
 Diisopropyl ether  
 Concen: 25.06 ug/l  
 RT: 3.88 min Scan# 540  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09



Tgt Ion: 45 Resp: 226742

Ion	Ratio	Lower	Upper
45	100		
43	54.9	46.8	70.2
87	27.3	20.2	30.4
59	11.4	8.7	13.1





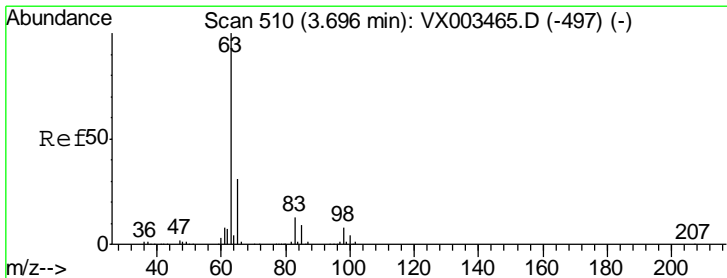
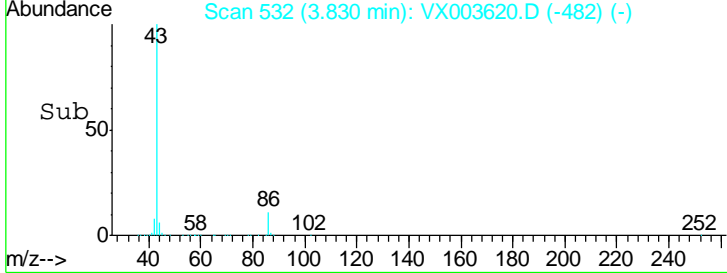
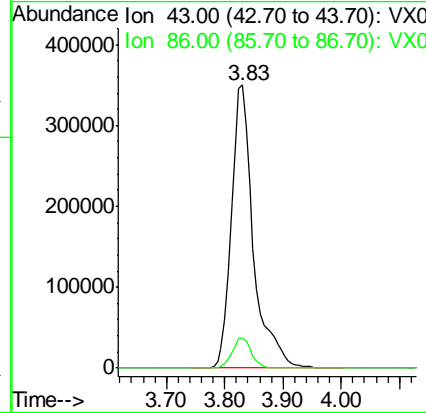
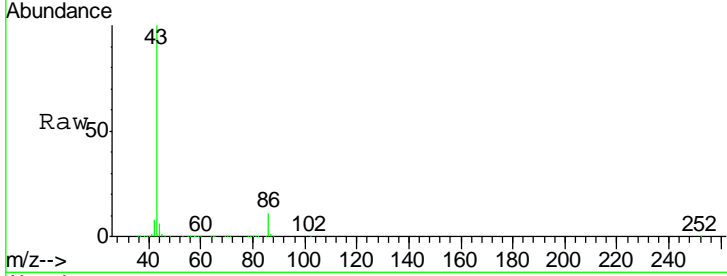
#23  
 Vinyl Acetate  
 Concen: 123.44 ug/l  
 RT: 3.83 min Scan# 532  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
43	100		
86	10.7	7.4	11.0

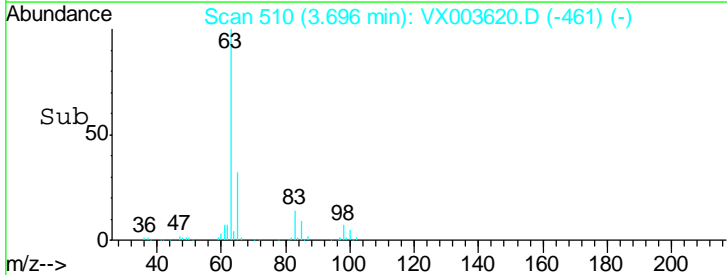
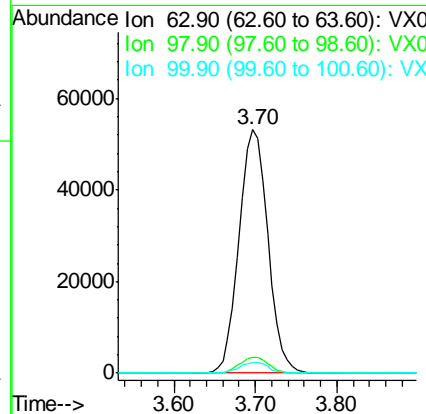
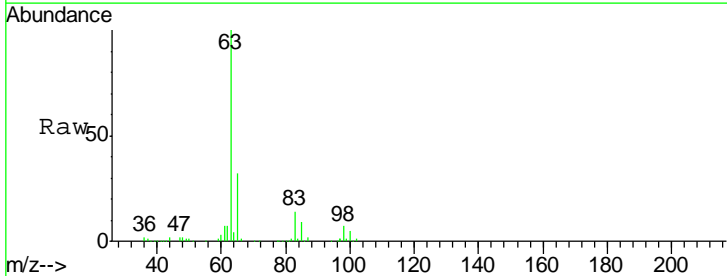
**Manual Integrations**  
**APPROVED**

MMDadoda  
 7/24/2018 3:54:54 PM

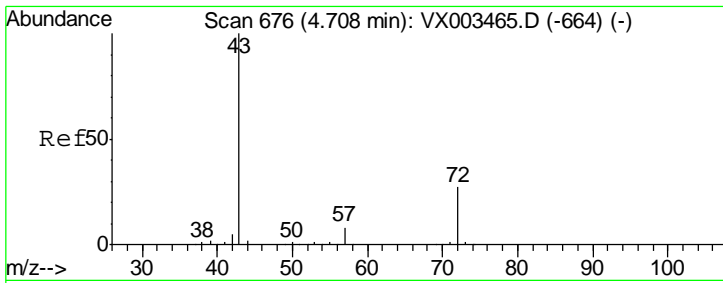


#24  
 1,1-Dichloroethane  
 Concen: 24.53 ug/l  
 RT: 3.70 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
63	100		
98	6.7	3.4	10.2
100	4.6	2.0	6.0





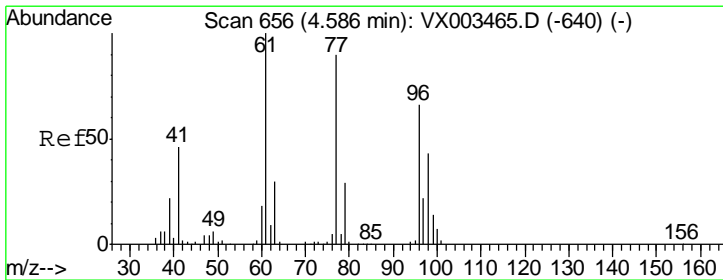
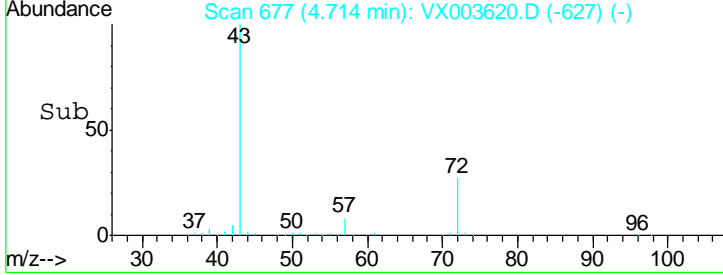
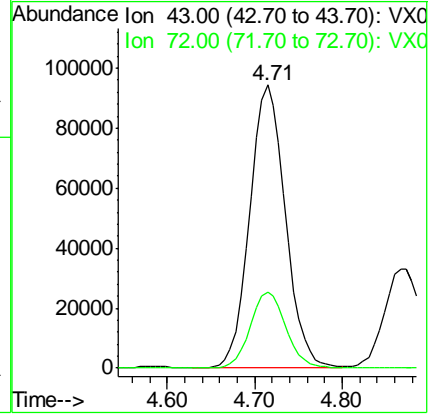
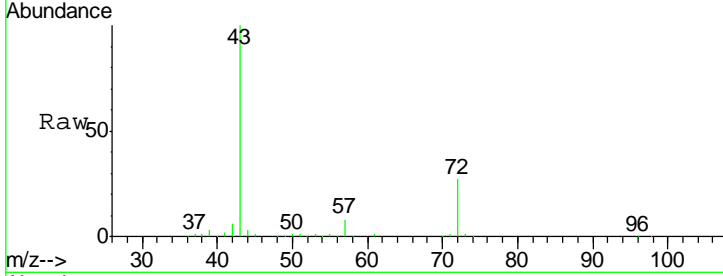


#25  
 2-Butanone  
 Concen: 133.84 ug/l  
 RT: 4.71 min Scan# 677  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

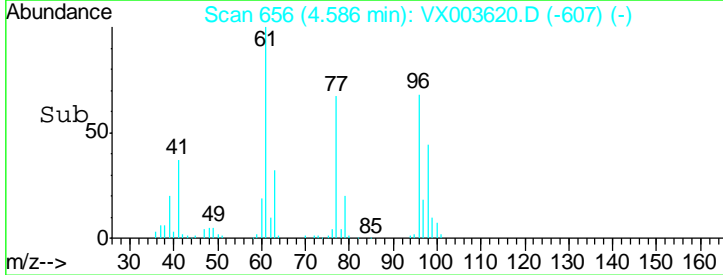
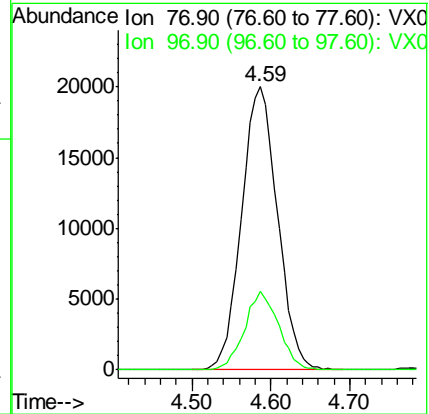
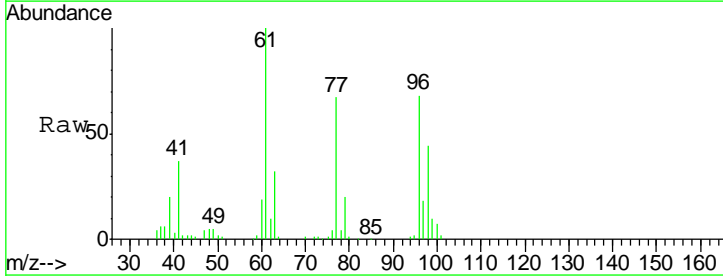
Tgt Ion: 43 Resp: 267034  
 Ion Ratio Lower Upper  
 43 100  
 72 26.9 18.5 27.7

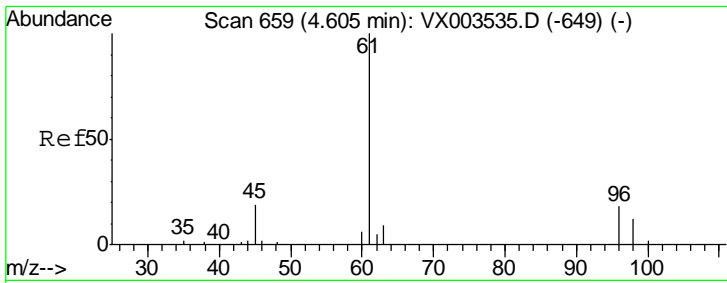
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#26  
 2,2-Dichloropropane  
 Concen: 15.70 ug/l  
 RT: 4.59 min Scan# 656  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion: 77 Resp: 63289  
 Ion Ratio Lower Upper  
 77 100  
 97 26.1 11.2 33.5





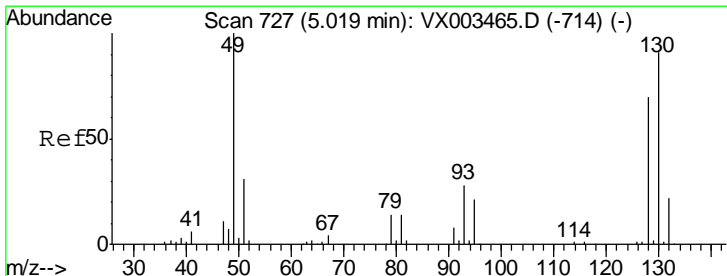
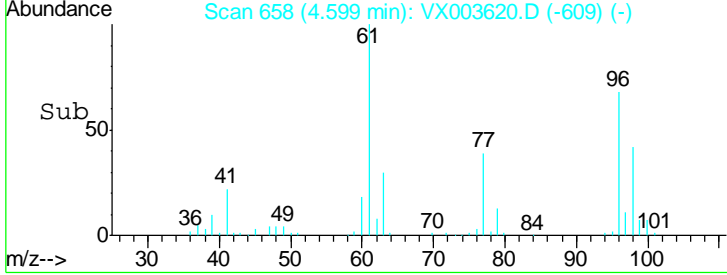
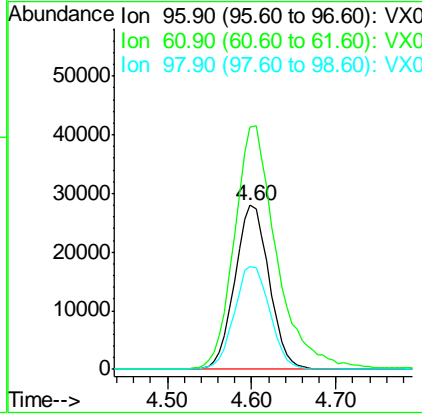
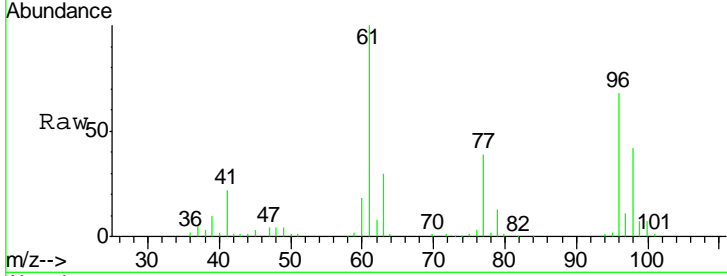
#27  
 cis-1,2-Dichloroethene  
 Concen: 22.92 ug/l  
 RT: 4.60 min Scan# 658  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
96	77122		
96	100		
61	183.2	0.0	330.2
98	65.0	0.0	130.2

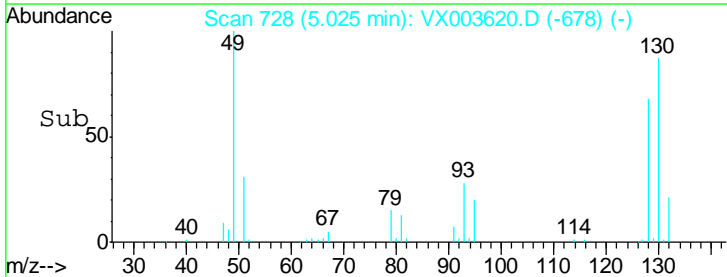
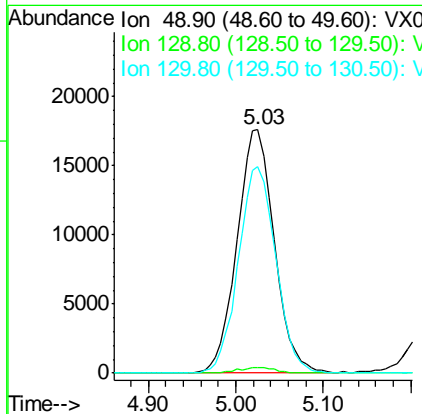
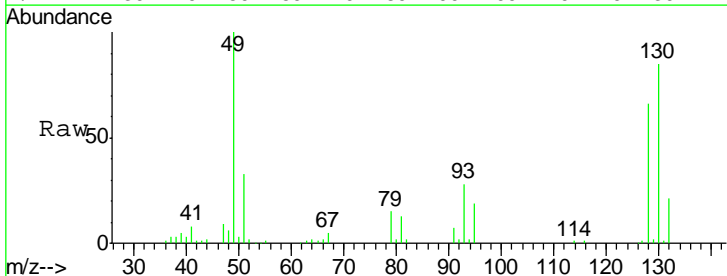
Manual Integrations  
 APPROVED

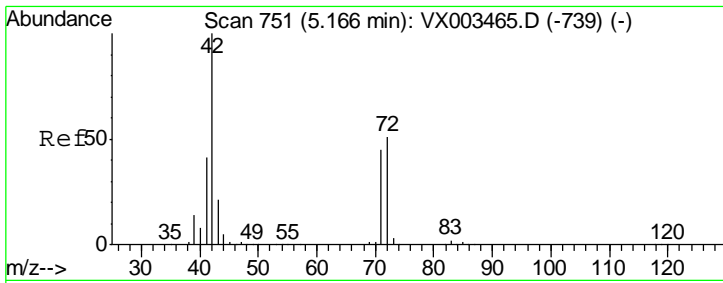
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#28  
 Bromochloromethane  
 Concen: 22.55 ug/l  
 RT: 5.03 min Scan# 728  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
49	52330		
49	100		
129	2.1	0.0	4.2
130	84.9	61.2	91.8





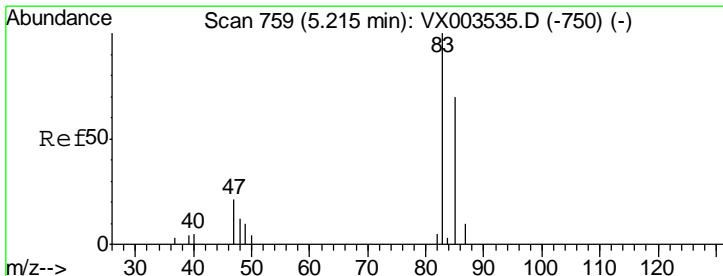
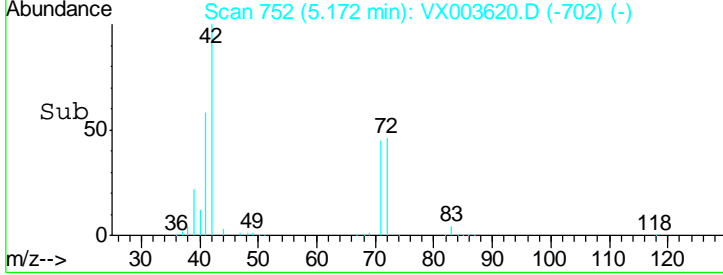
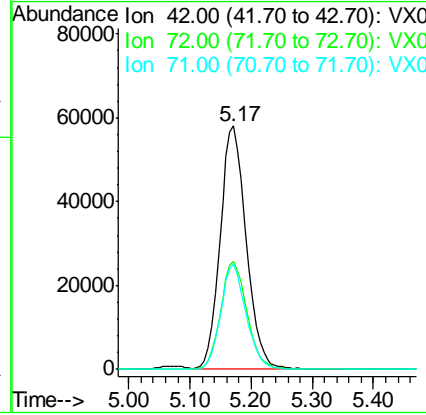
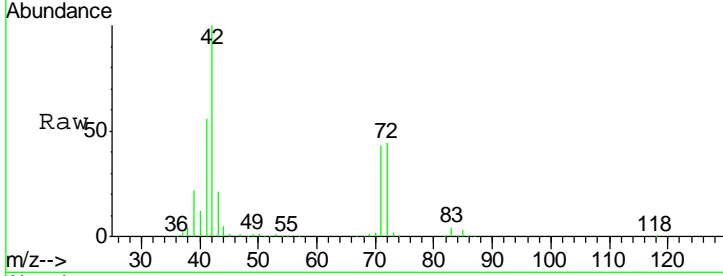
#29  
 Tetrahydrofuran  
 Concen: 130.65 ug/l  
 RT: 5.17 min Scan# 752  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
42	172198		
72	44.8	32.0	48.0
71	42.2	30.1	45.1

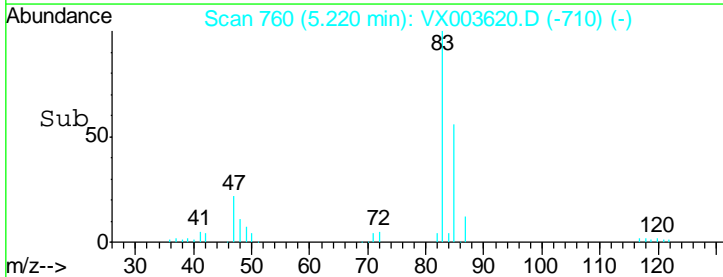
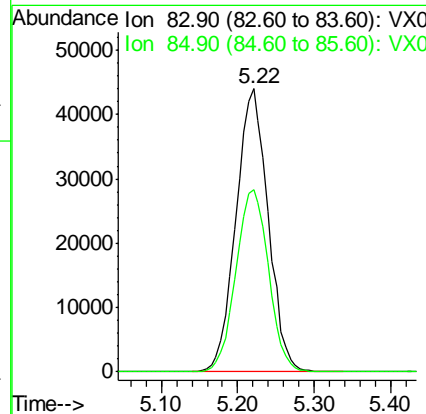
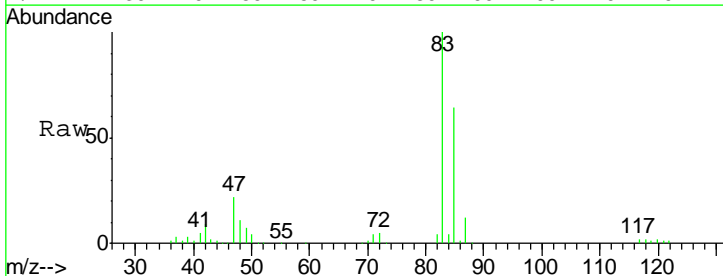
**Manual Integrations**  
**APPROVED**

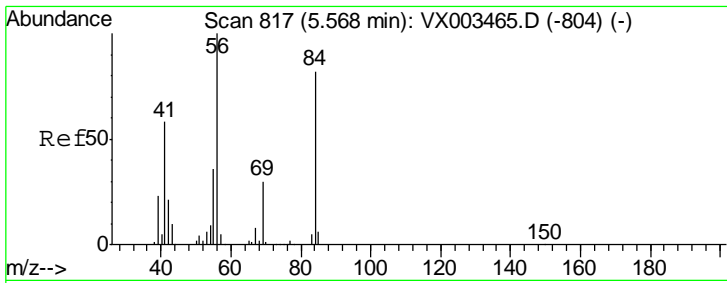
MMDadoda  
 7/24/2018 3:54:54 PM



#30  
 Chloroform  
 Concen: 24.71 ug/l  
 RT: 5.22 min Scan# 760  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
83	128072		
85	64.4	50.4	75.6





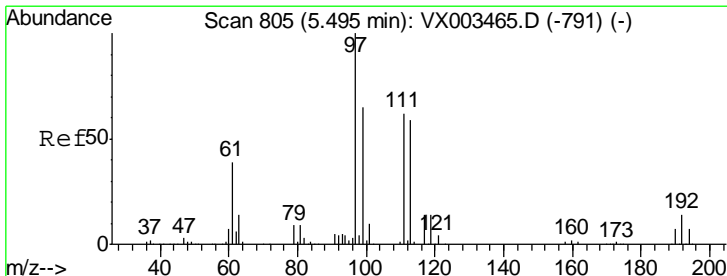
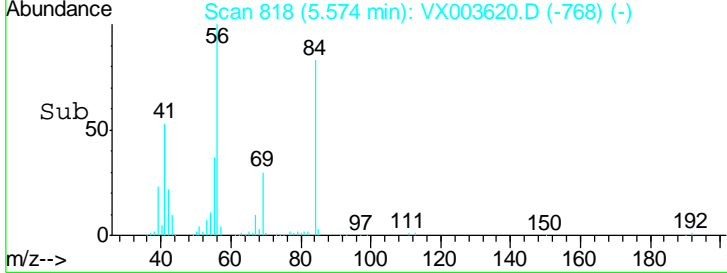
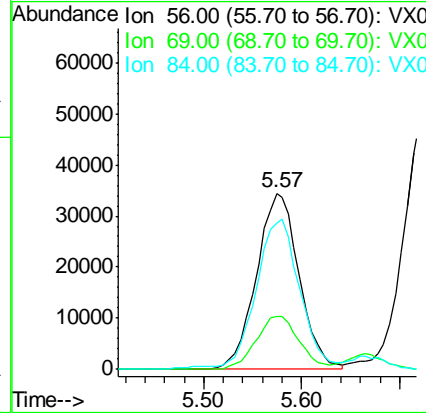
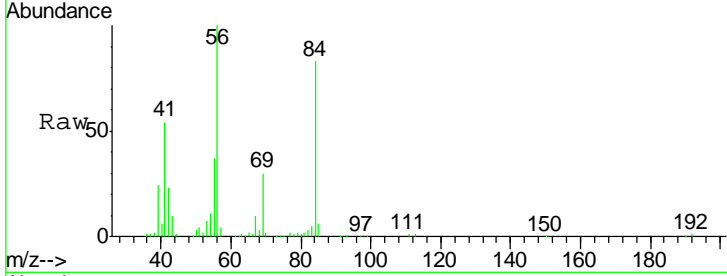
#31  
 Cyclohexane  
 Concen: 22.01 ug/l  
 RT: 5.57 min Scan# 818  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
56	104412		
69	30.2	23.7	35.5
84	81.9	64.1	96.1

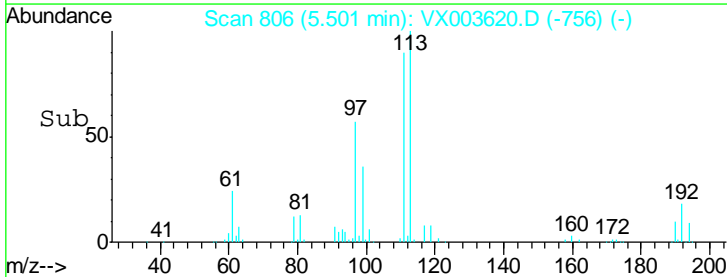
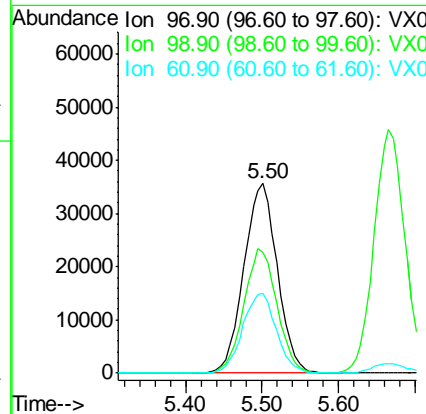
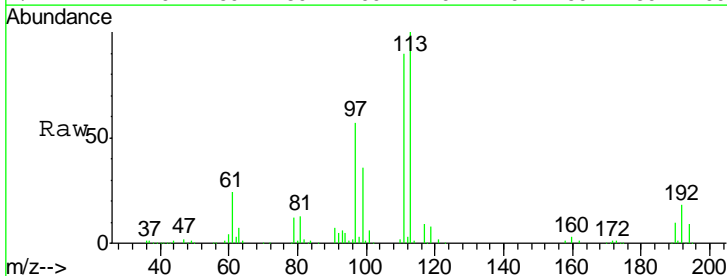
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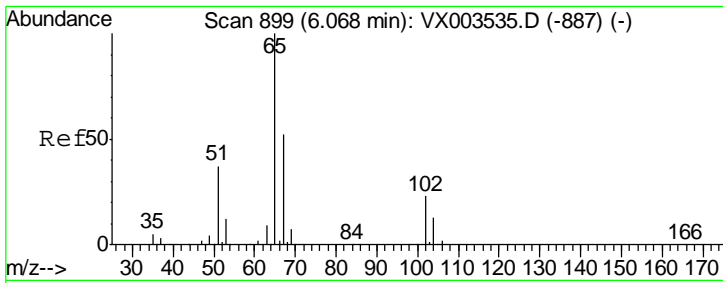
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#32  
 1,1,1-Trichloroethane  
 Concen: 24.36 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
97	108138		
99	65.0	51.6	77.4
61	42.7	36.4	54.6





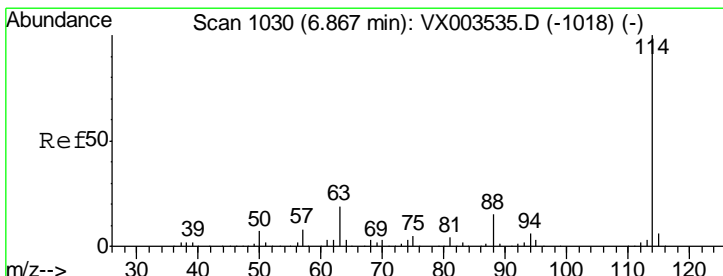
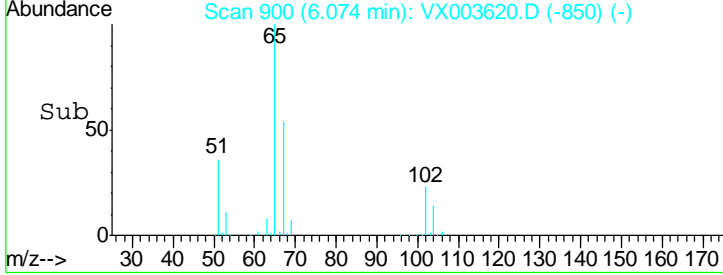
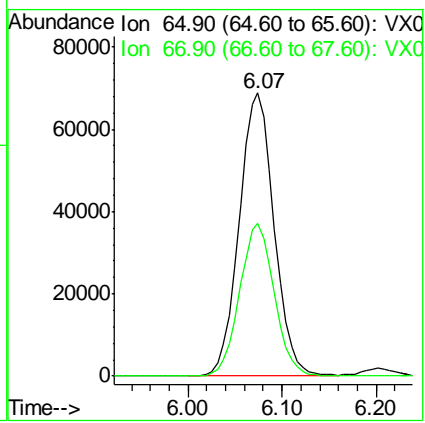
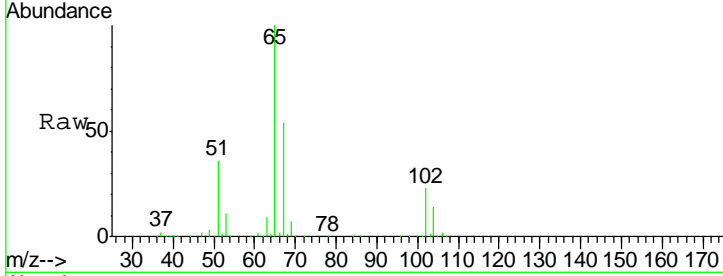
#33  
 1,2-Dichloroethane-d4  
 Concen: 56.54 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

Tgt Ion: 65 Resp: 178007

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	102.6

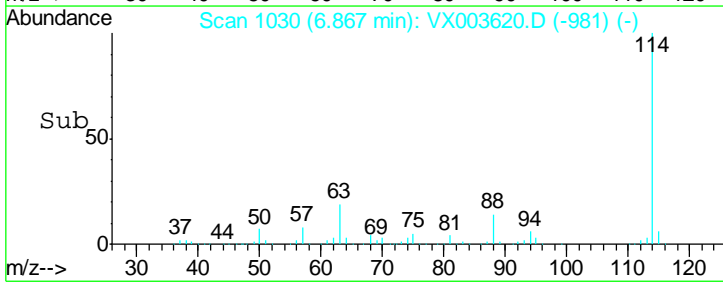
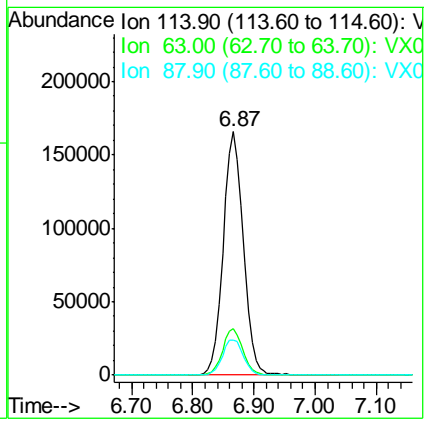
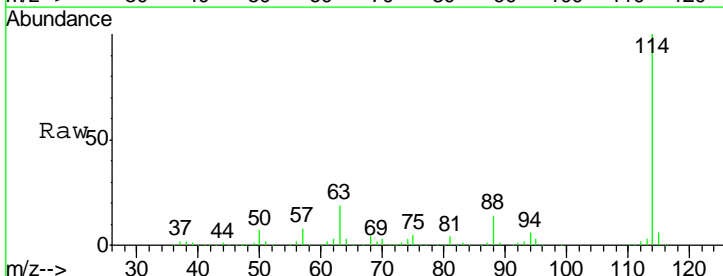
**Manual Integrations**  
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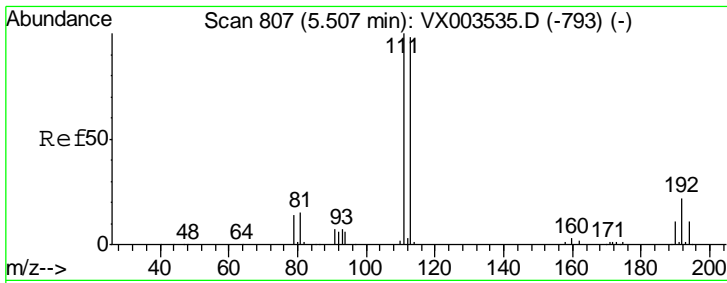


#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion: 114 Resp: 380983

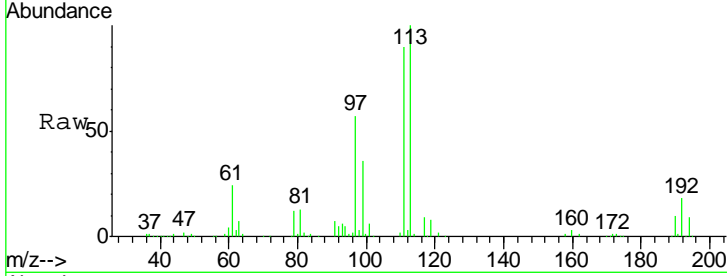
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.4
88	14.4	0.0	30.0





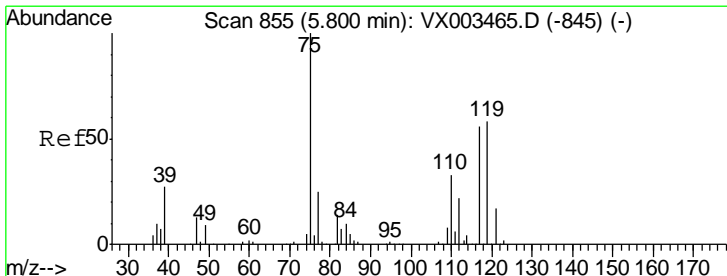
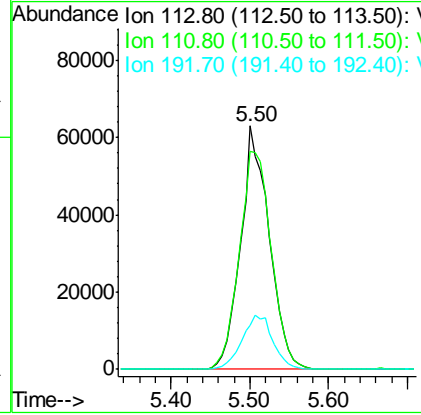
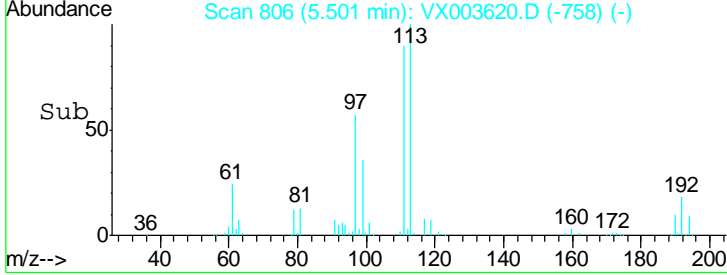
#35  
 Dibromofluoromethane  
 Concen: 54.77 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

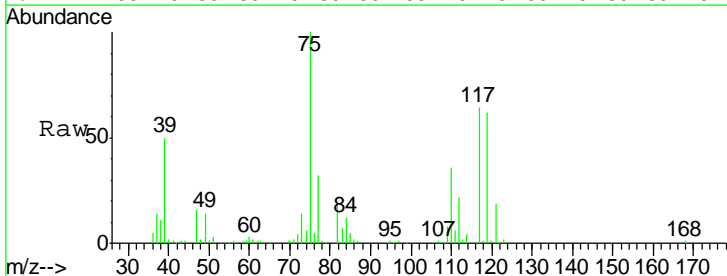


Tgt Ion	Resp	Lower	Upper
113	100		
111	100.3	81.4	122.0
192	24.0	19.1	28.7

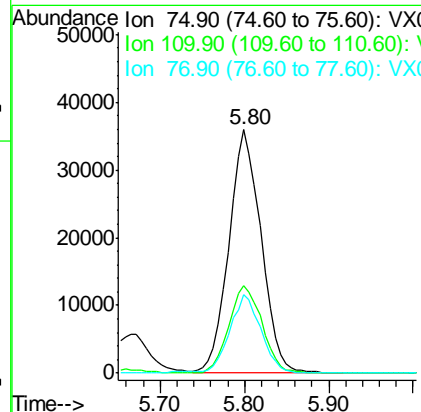
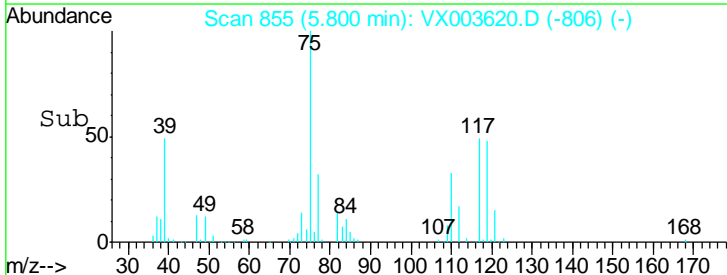
Manual Integrations  
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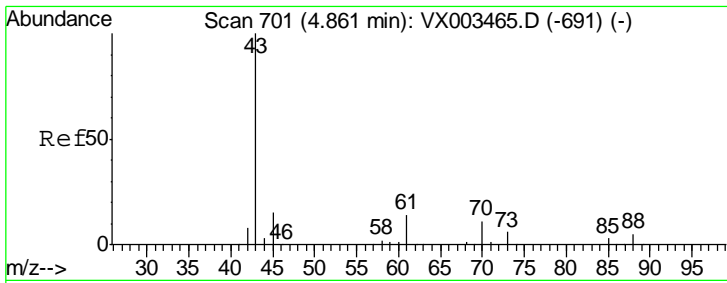


#36  
 1,1-Dichloropropene  
 Concen: 22.56 ug/l  
 RT: 5.80 min Scan# 855  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09



Tgt Ion	Resp	Lower	Upper
75	100		
110	37.3	18.1	54.4
77	31.9	24.3	36.5





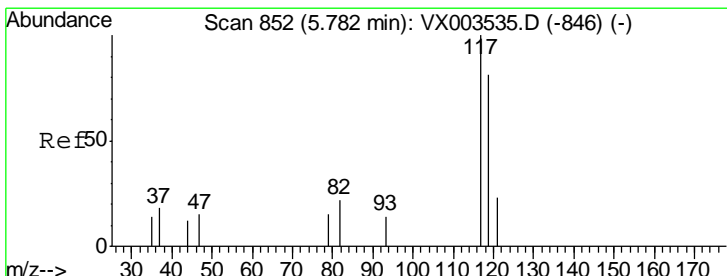
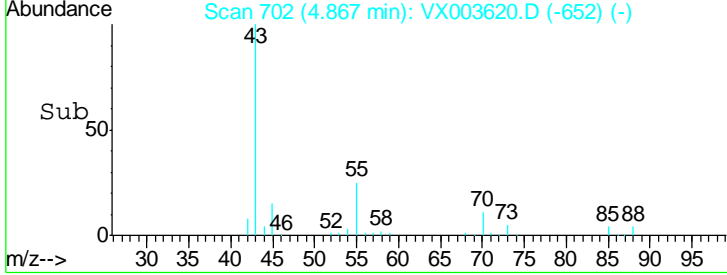
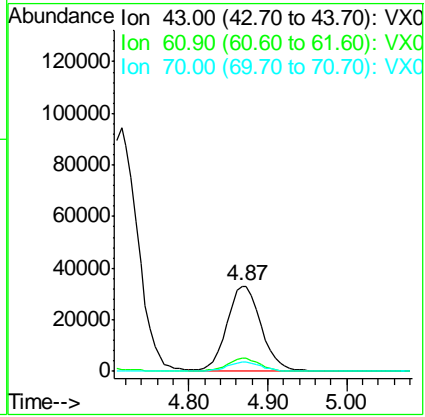
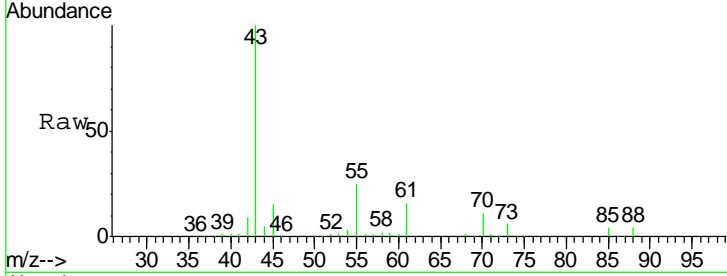
#37  
 Ethyl Acetate  
 Concen: 25.48 ug/l  
 RT: 4.87 min Scan# 702  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
43	100		
61	15.0	10.4	15.6
70	10.7	7.6	11.4

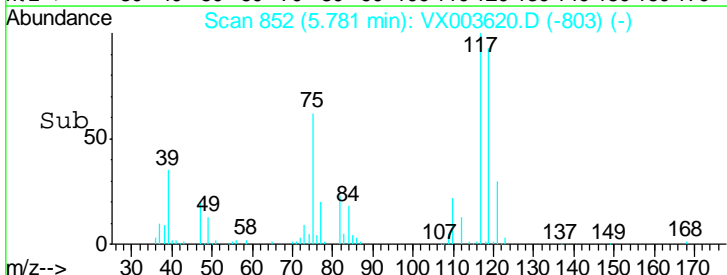
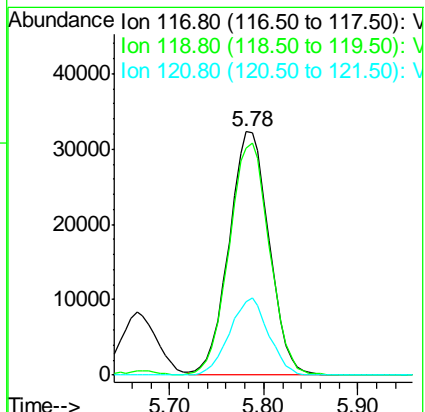
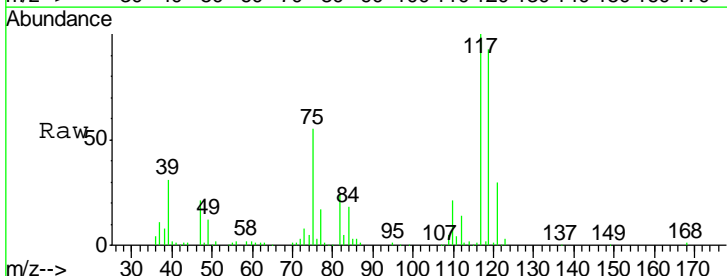
Manual Integrations  
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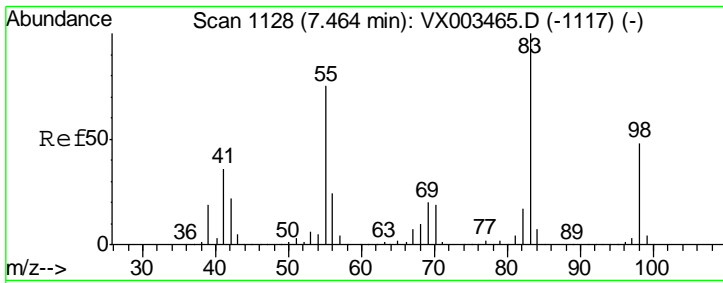
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#38  
 Carbon Tetrachloride  
 Concen: 23.63 ug/l  
 RT: 5.78 min Scan# 852  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
117	100		
119	93.1	77.4	116.0
121	30.1	24.4	36.6





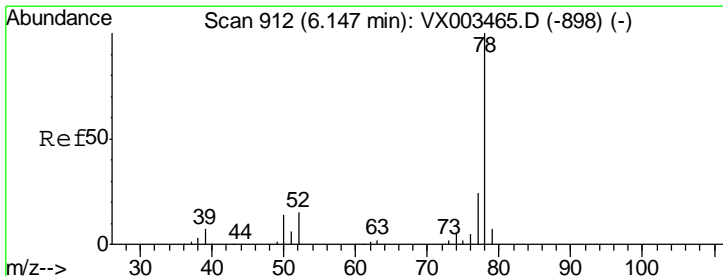
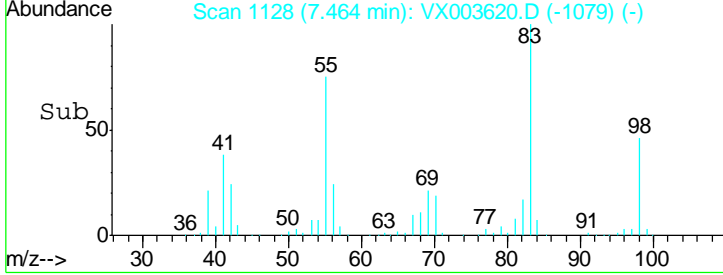
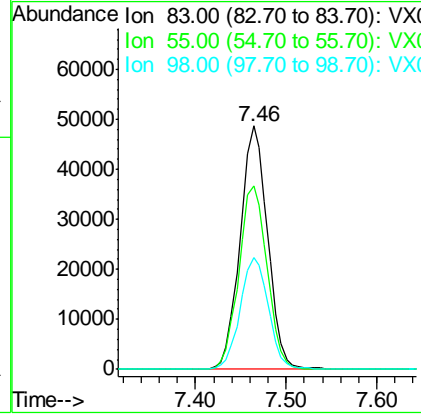
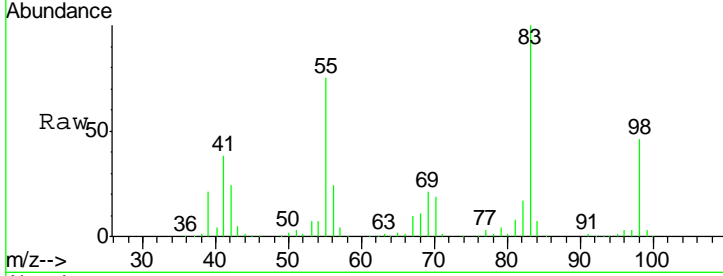
#39  
 Methylcyclohexane  
 Concen: 21.03 ug/l  
 RT: 7.46 min Scan# 1128  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
83	102441		
83	100		
55	75.4	65.4	98.0
98	45.8	37.4	56.0

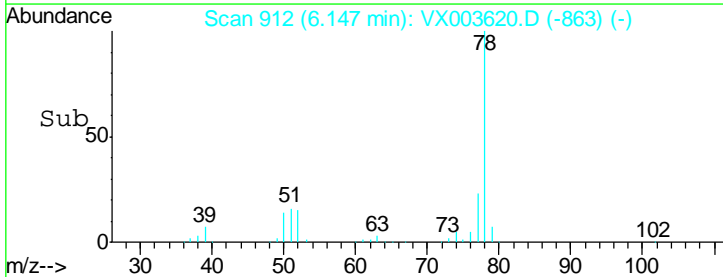
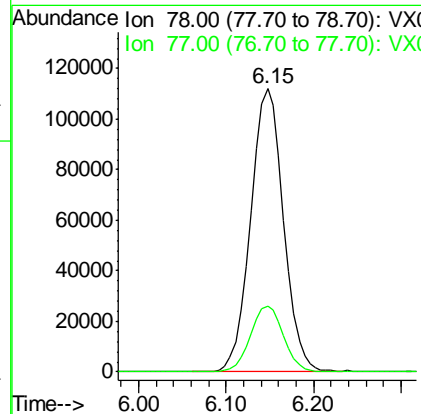
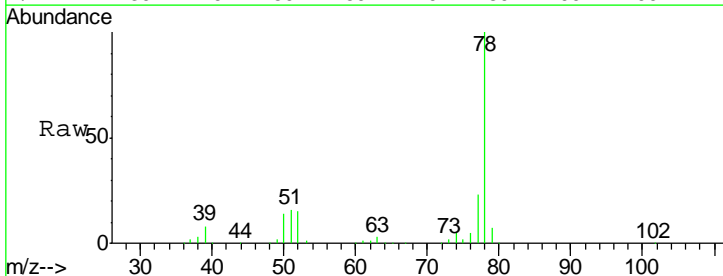
Manual Integrations  
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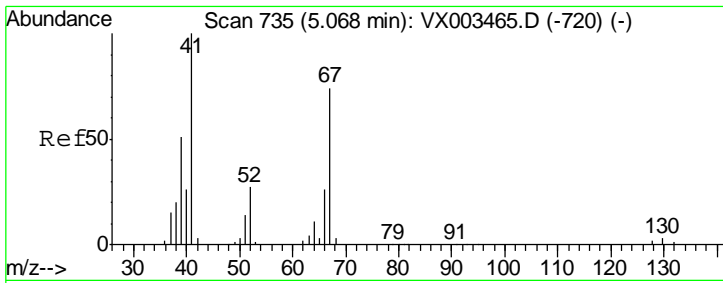


#40  
 Benzene  
 Concen: 23.49 ug/l  
 RT: 6.15 min Scan# 912  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
78	291736		
78	100		
77	23.3	19.1	28.7

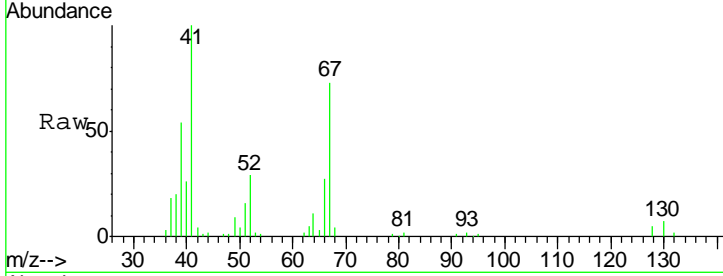






#41  
 Methacrylonitrile  
 Concen: 24.75 ug/l  
 RT: 5.07 min Scan# 735  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

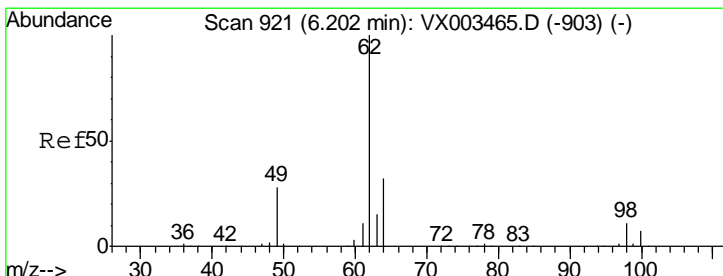
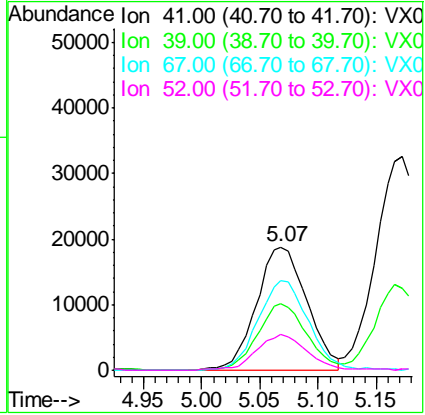
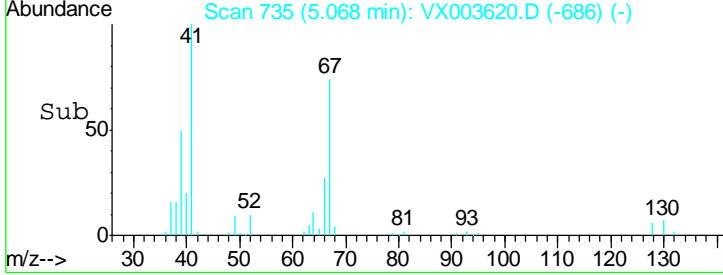
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02



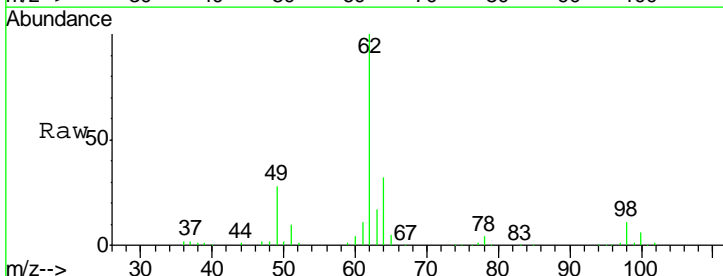
Tgt Ion: 41 Resp: 56621

Ion	Ratio	Lower	Upper
41	100		
39	52.2	45.8	68.6
67	73.2	51.3	76.9
52	28.9	23.0	34.6

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/24/2018 3:54:54 PM

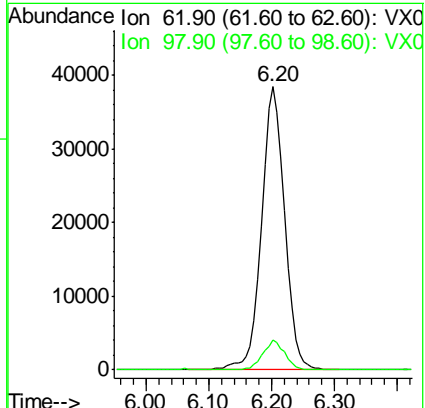
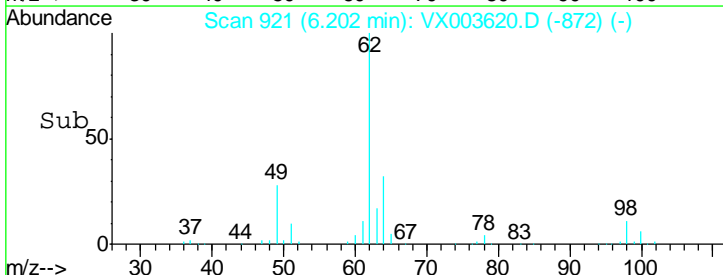


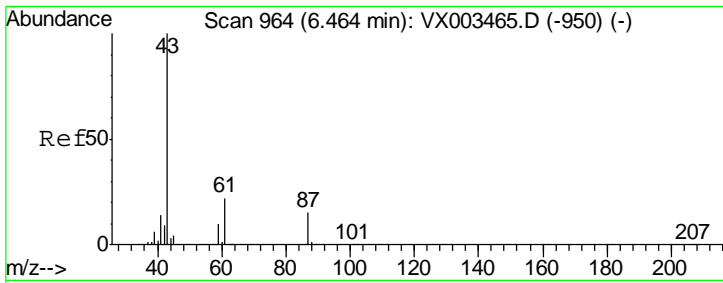
#42  
 1,2-Dichloroethane  
 Concen: 25.05 ug/l  
 RT: 6.20 min Scan# 921  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09



Tgt Ion: 62 Resp: 98033

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	16.6





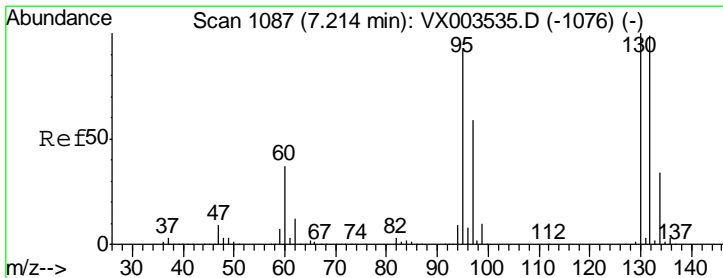
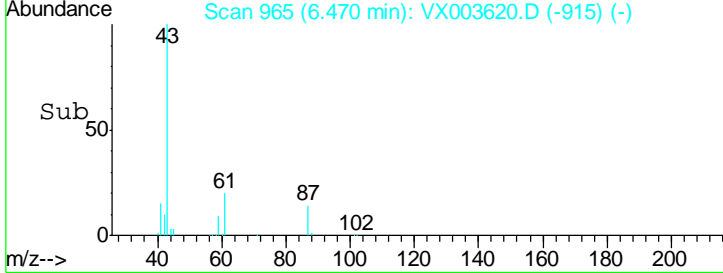
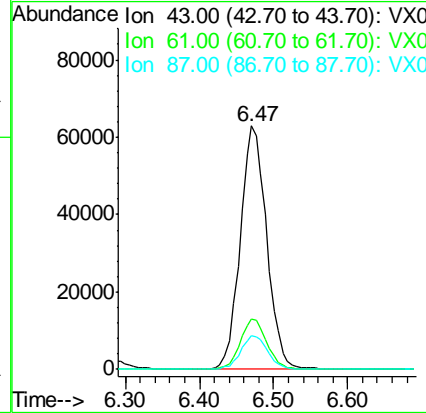
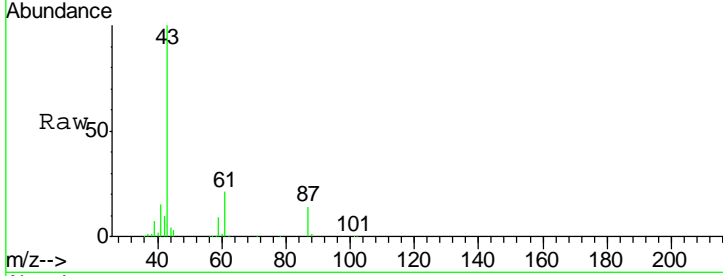
#43  
 Isopropyl Acetate  
 Concen: 25.18 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
43	155889		
61	20.7	14.4	21.6
87	14.0	9.5	14.3

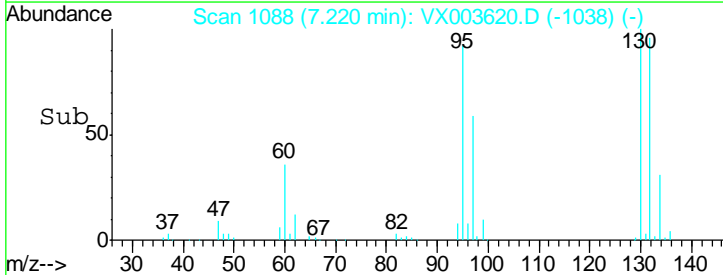
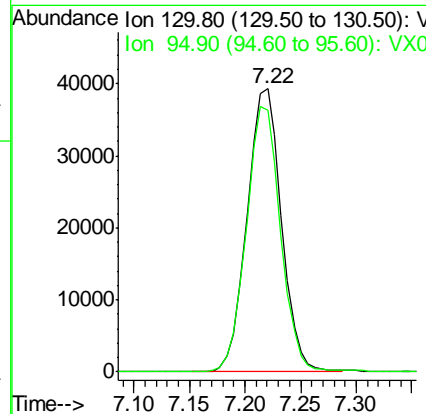
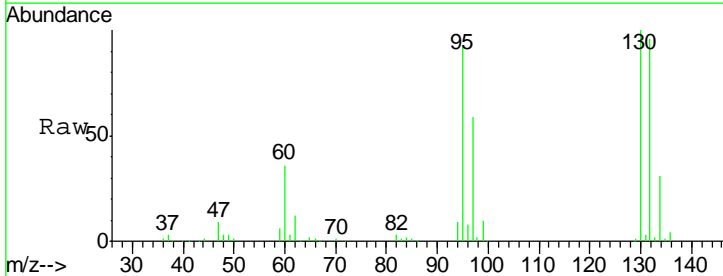
Manual Integrations  
 APPROVED

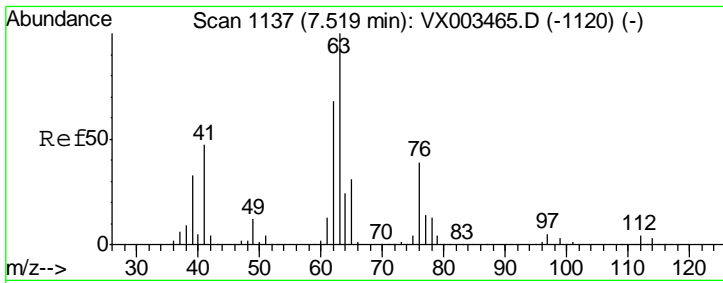
MMDadoda  
 7/24/2018 3:54:54 PM



#44  
 Trichloroethene  
 Concen: 22.83 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
130	84541		
95	92.4	0.0	185.4





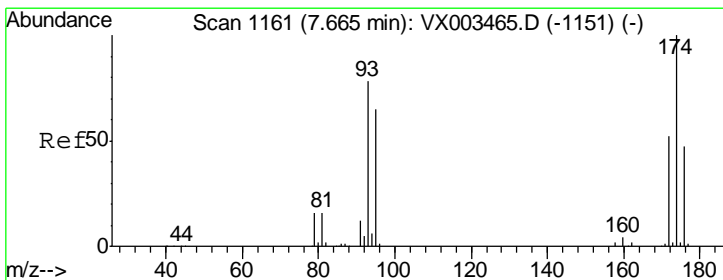
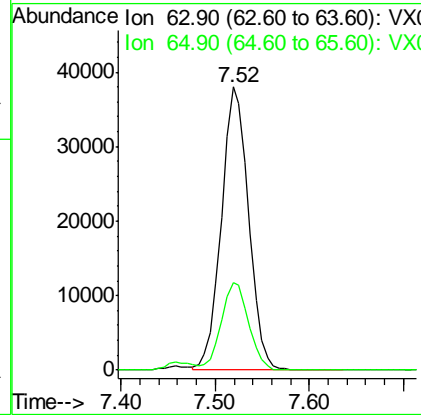
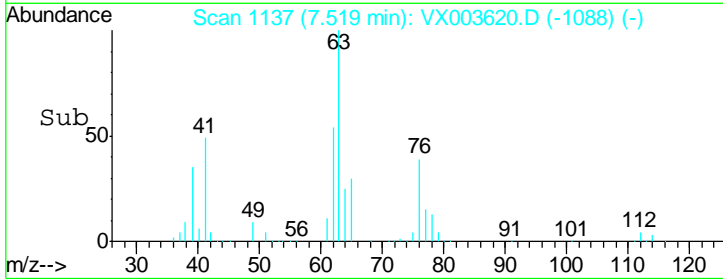
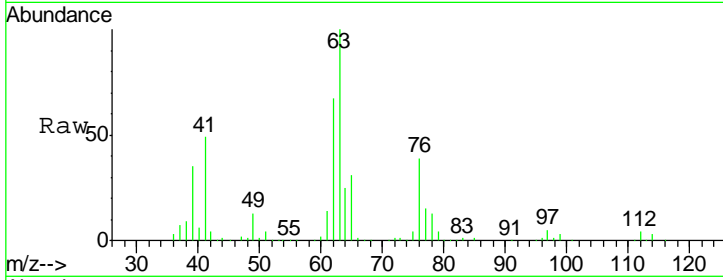
#45  
 1,2-Dichloropropane  
 Concen: 24.14 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
63	100		
65	31.1	24.7	37.1

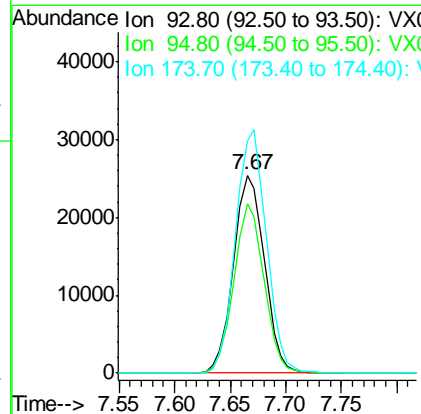
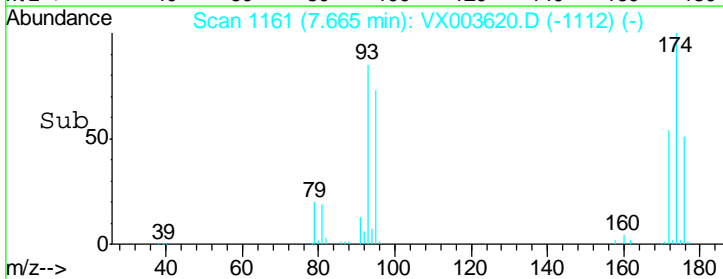
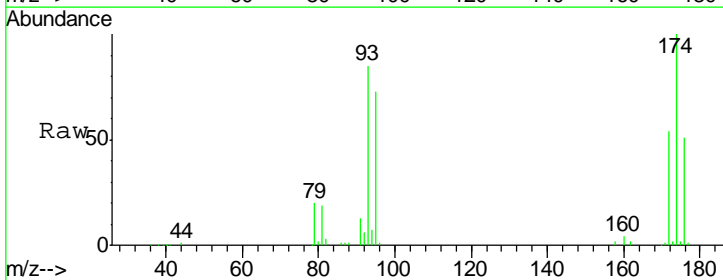
Manual Integrations  
 APPROVED

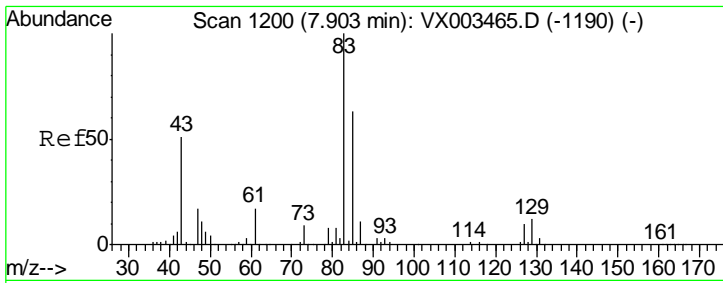
MMDadoda  
 7/24/2018 3:54:54 PM



#46  
 Dibromomethane  
 Concen: 24.27 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
93	100		
95	83.4	65.9	98.9
174	122.3	92.4	138.6





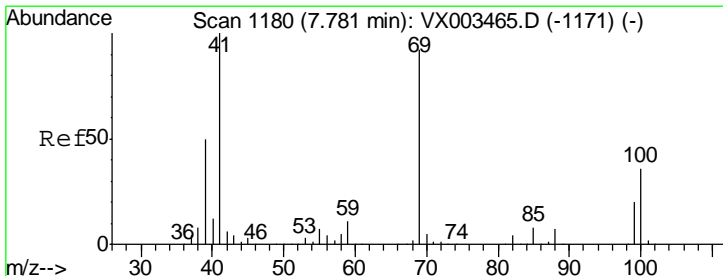
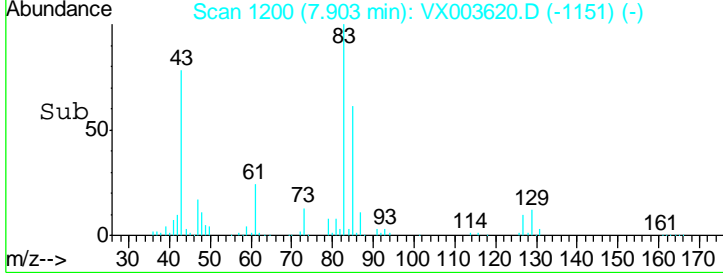
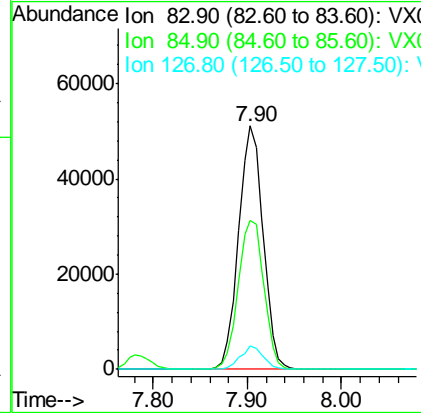
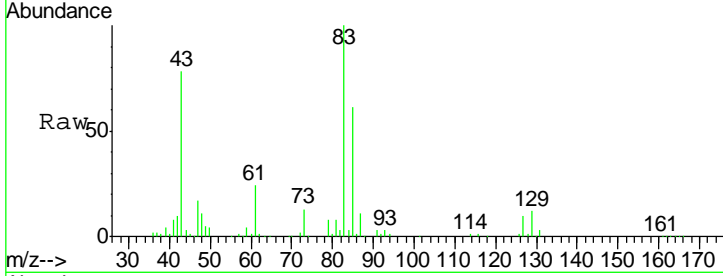
#47  
 Bromodichloromethane  
 Concen: 24.90 ug/l  
 RT: 7.90 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
83	100		
85	61.3	50.3	75.5
127	9.8	7.0	10.4

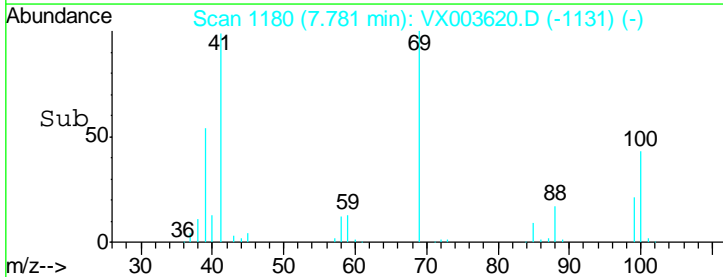
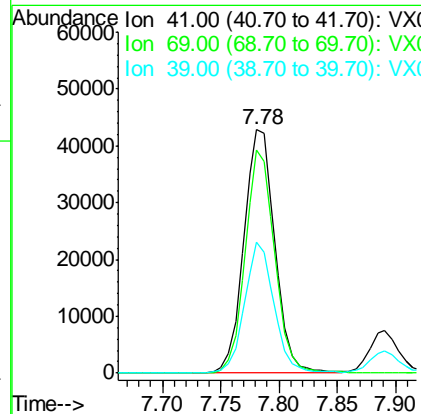
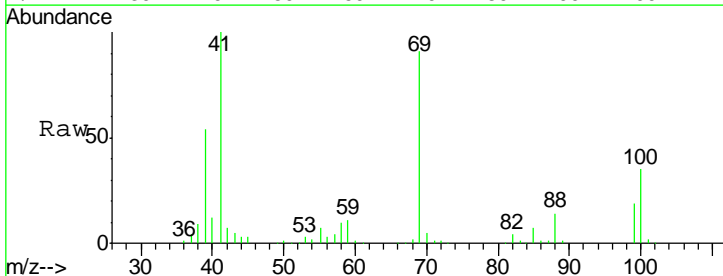
Manual Integrations  
 APPROVED

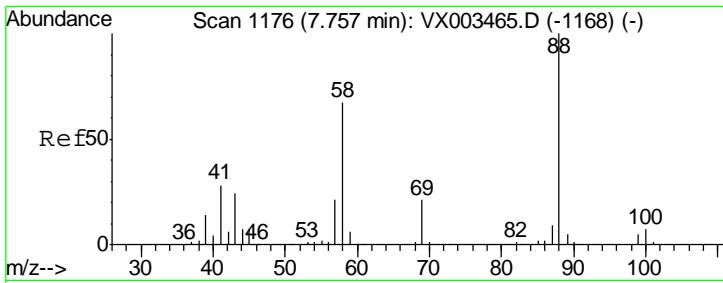
MMDadoda  
 7/24/2018 3:54:54 PM



#48  
 Methyl methacrylate  
 Concen: 25.31 ug/l  
 RT: 7.78 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
41	100		
69	87.8	59.1	88.7
39	50.7	48.9	73.3





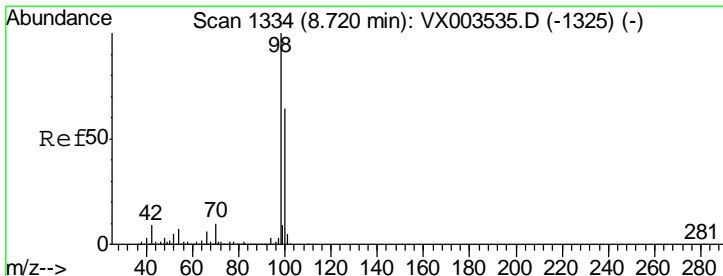
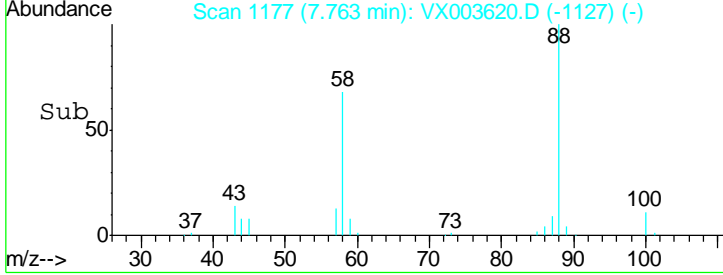
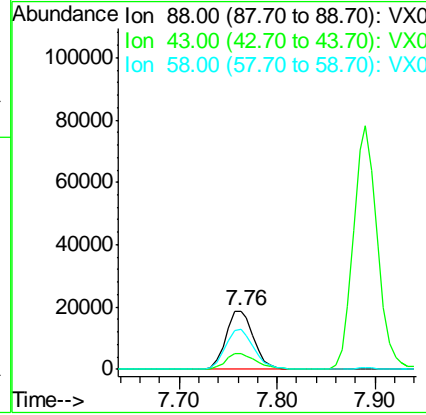
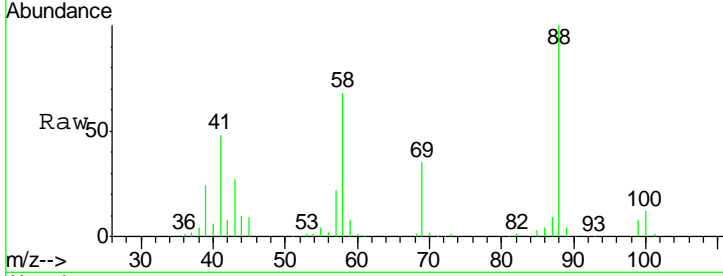
#49  
 1,4-Dioxane  
 Concen: 523.08 ug/l  
 RT: 7.76 min Scan# 1177  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
88	37007		
88	100		
43	29.8	29.8	44.6
58	70.7	57.1	85.7

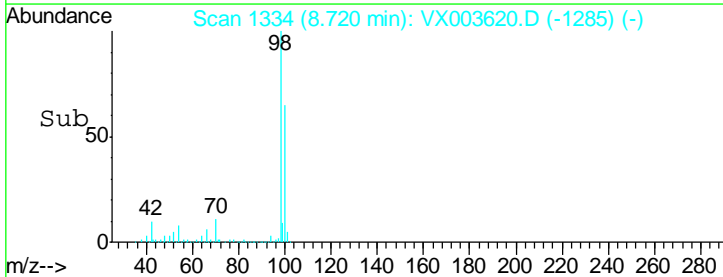
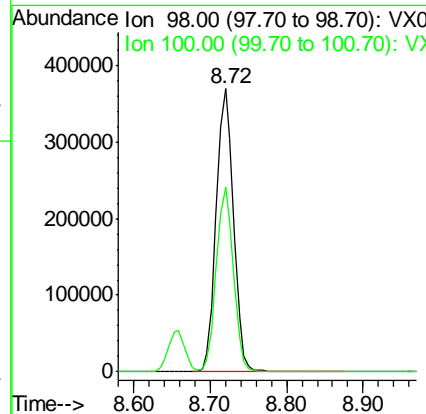
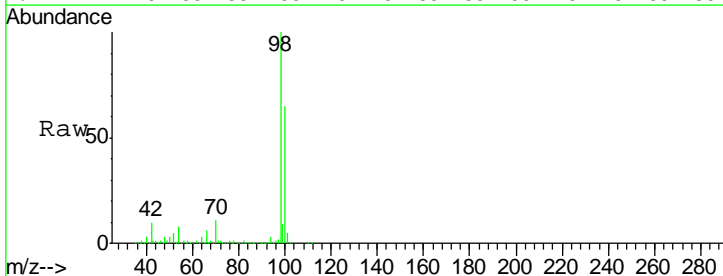
Manual Integrations  
 APPROVED

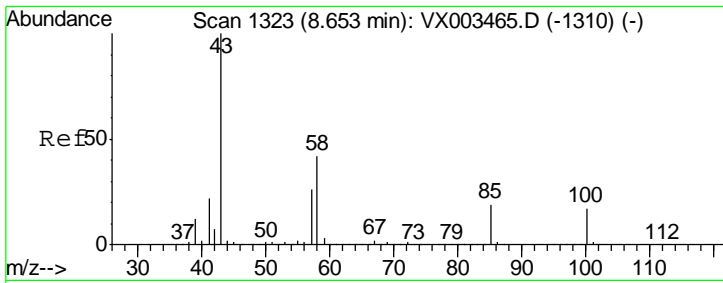
MMDadoda  
 7/24/2018 3:54:54 PM



#50  
 Toluene-d8  
 Concen: 53.28 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
98	581142		
98	100		
100	64.5	50.9	76.3



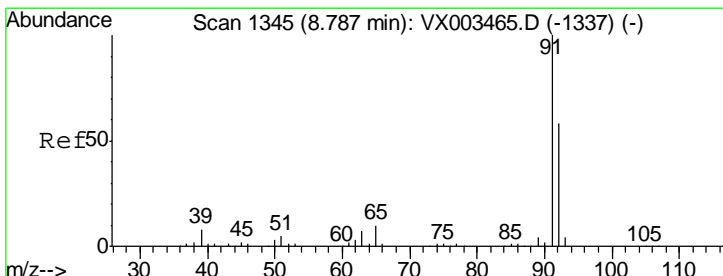
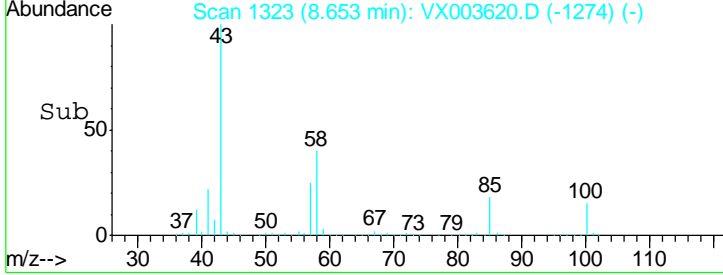
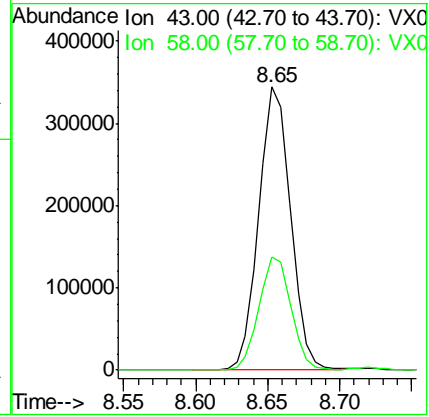
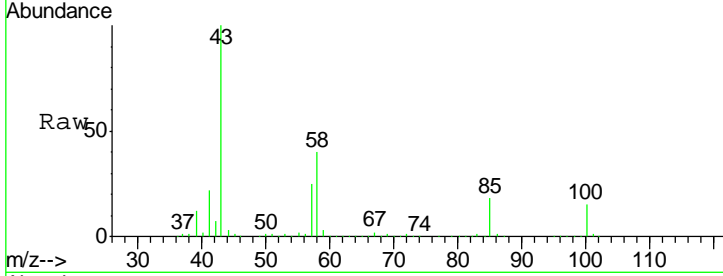


#51  
 4-Methyl-2-Pentanone  
 Concen: 134.14 ug/l  
 RT: 8.65 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

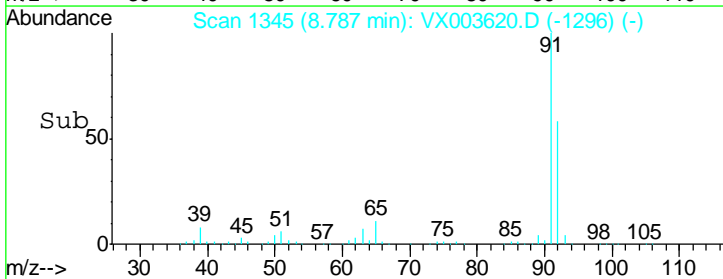
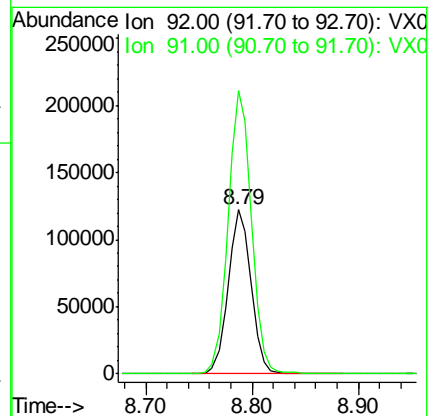
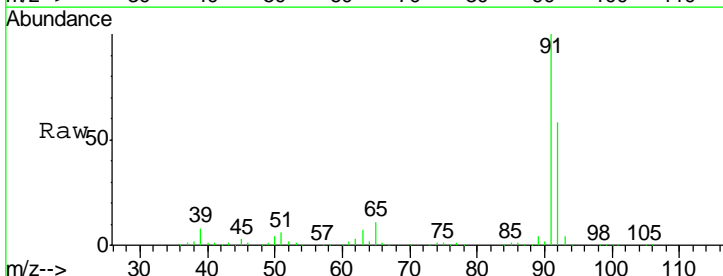
Tgt Ion	Resp	Lower	Upper
43	100		
58	40.3	28.6	42.8

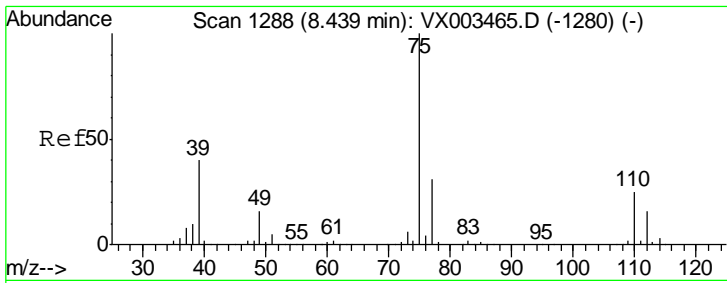
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/24/2018 3:54:54 PM



#52  
 Toluene  
 Concen: 23.54 ug/l  
 RT: 8.79 min Scan# 1345  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
92	100		
91	175.6	140.4	210.6



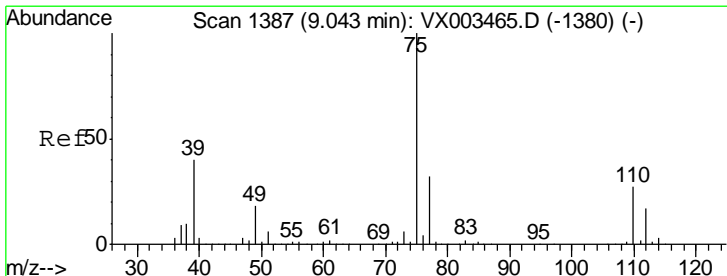
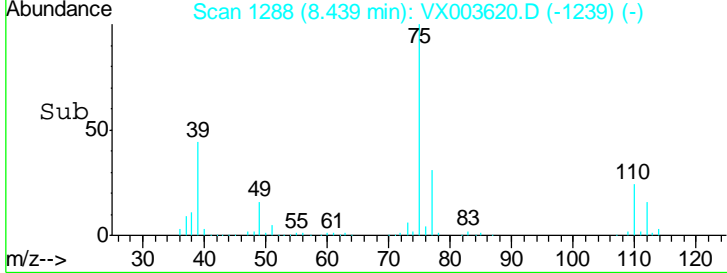
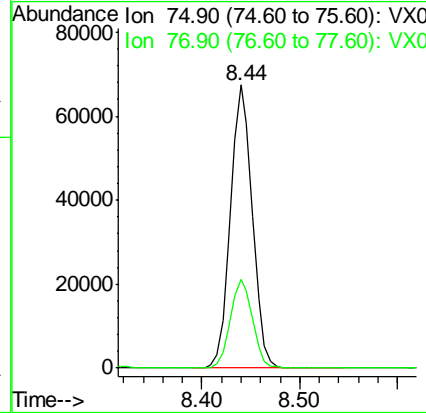
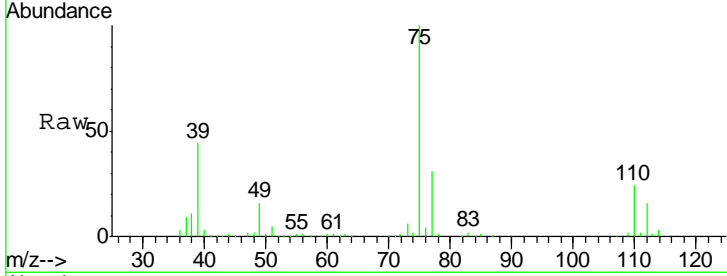


#53  
 t-1,3-Dichloropropene  
 Concen: 22.83 ug/l  
 RT: 8.44 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VX0723WBSD02

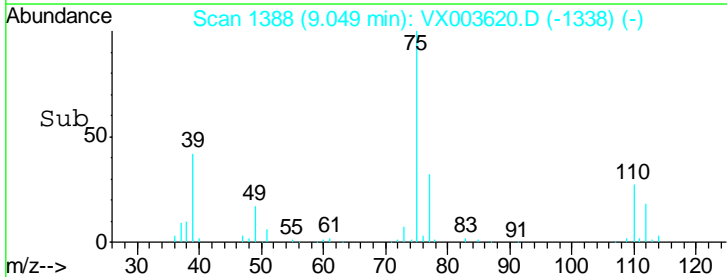
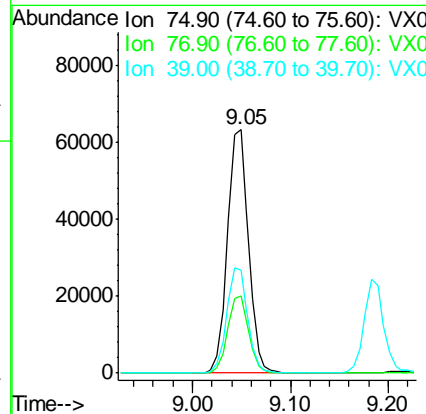
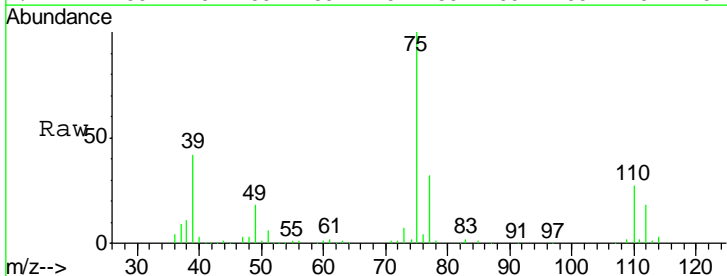
Tgt Ion	Resp	Lower	Upper
75	104427		
77	31.3	25.4	38.2

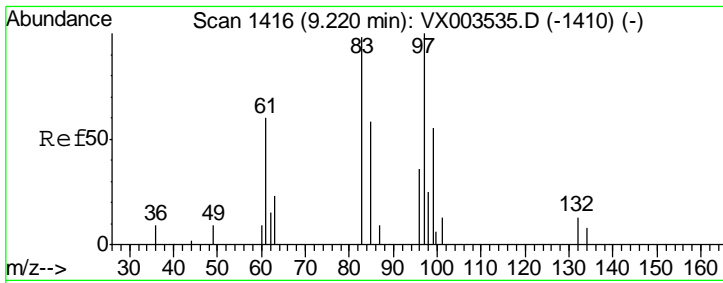
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/24/2018 3:54:54 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.95 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
75	94400		
77	31.9	24.8	37.2
39	42.1	42.4	63.6#





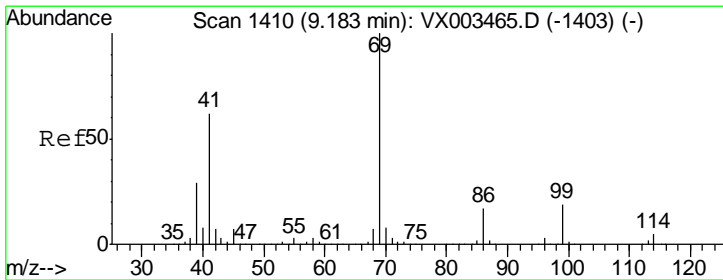
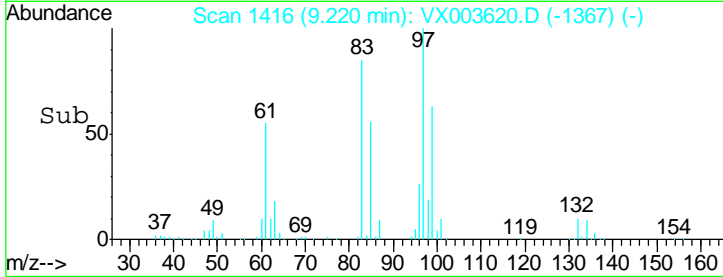
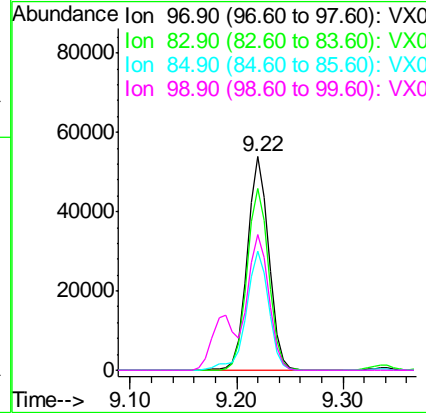
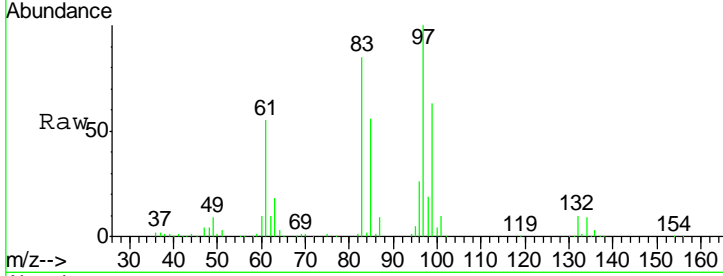
#55  
 1,1,2-Trichloroethane  
 Concen: 24.75 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
97	100		
83	85.0	70.2	105.2
85	55.7	44.9	67.3
99	63.3	49.8	74.8

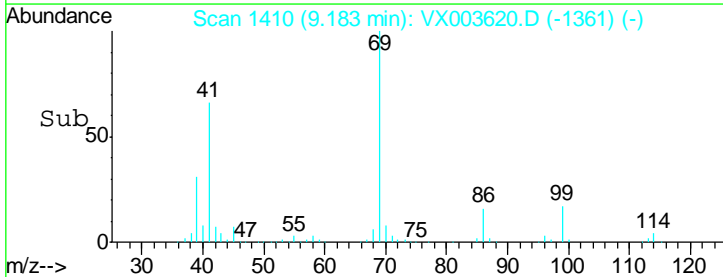
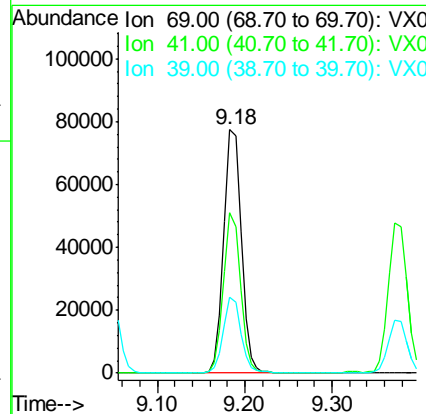
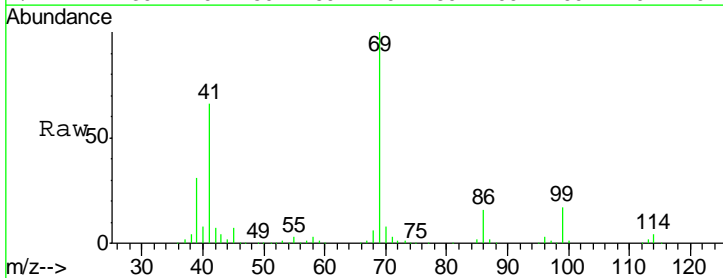
Manual Integrations  
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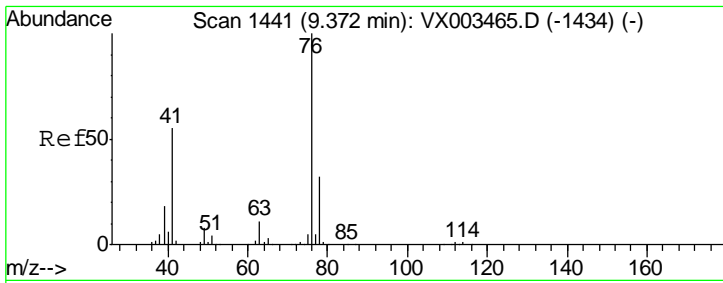


#56  
 Ethyl methacrylate  
 Concen: 24.77 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
69	100		
41	63.8	60.3	90.5
39	30.9	35.8	53.8#





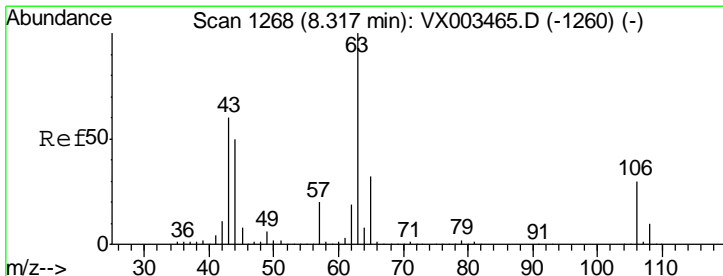
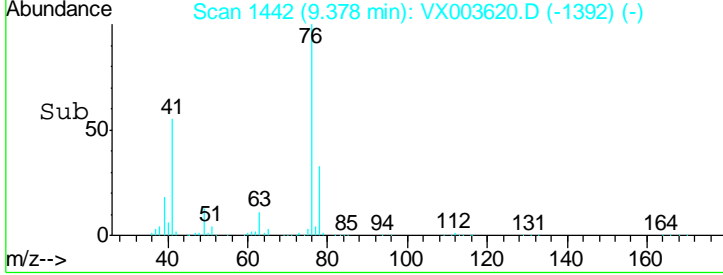
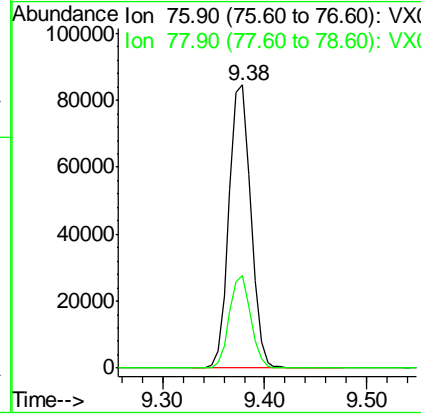
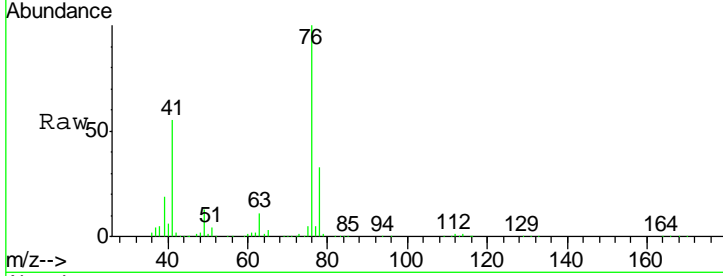


#57  
 1,3-Dichloropropane  
 Concen: 25.01 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

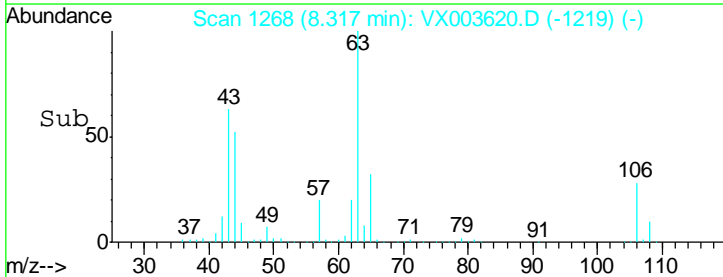
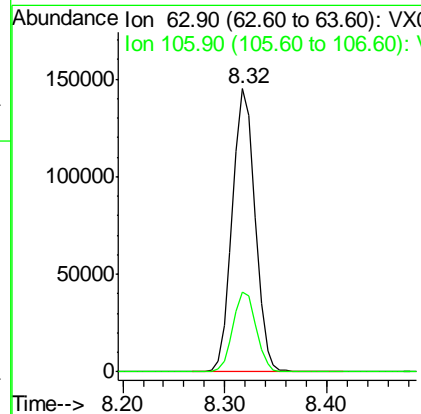
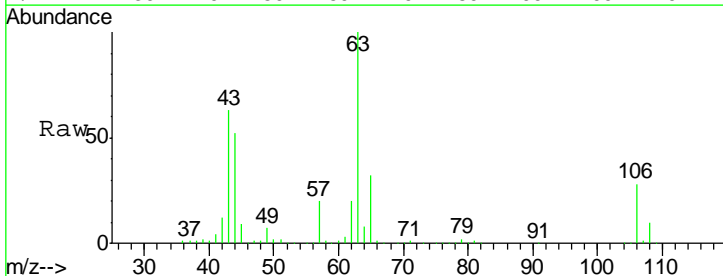
Tgt Ion	Resp	Lower	Upper
76	125745		
76	100		
78	32.0	25.8	38.6

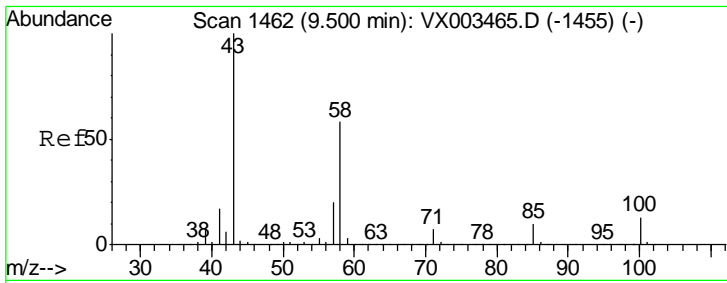
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 105.20 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
63	224134		
63	100		
106	28.7	21.8	32.8





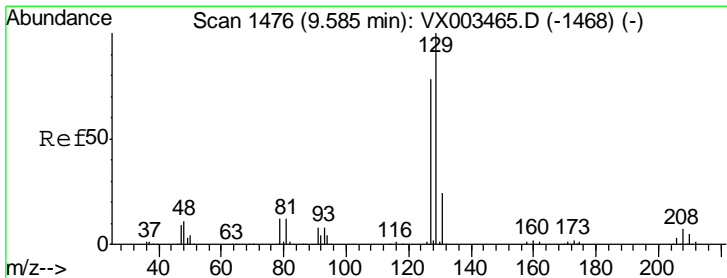
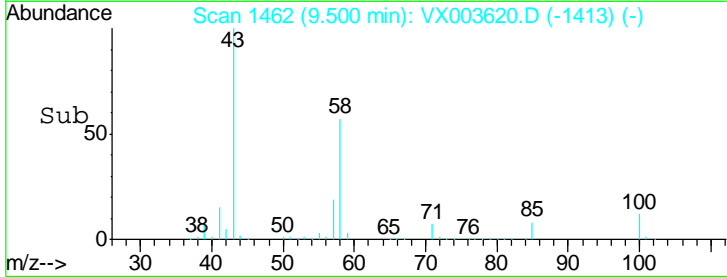
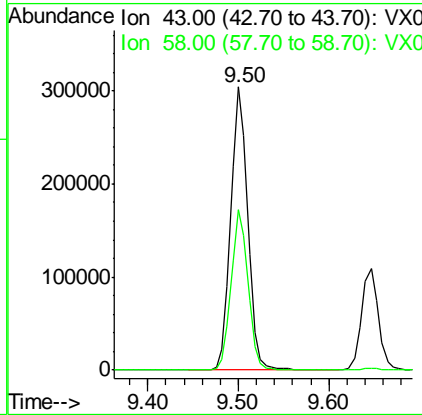
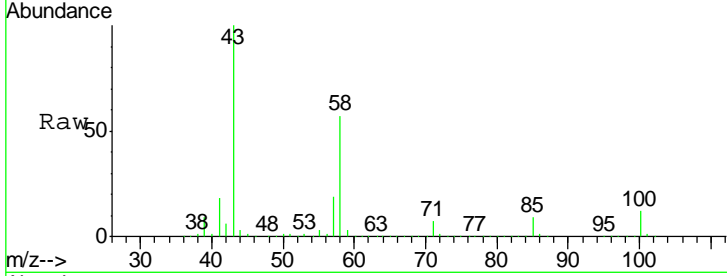
#59  
 2-Hexanone  
 Concen: 136.95 ug/l  
 RT: 9.50 min Scan# 1462  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
43	100		
58	56.2	24.6	73.6

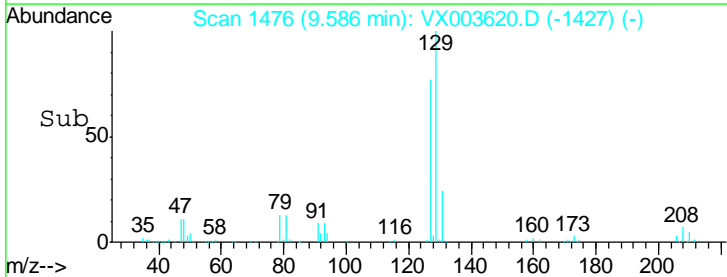
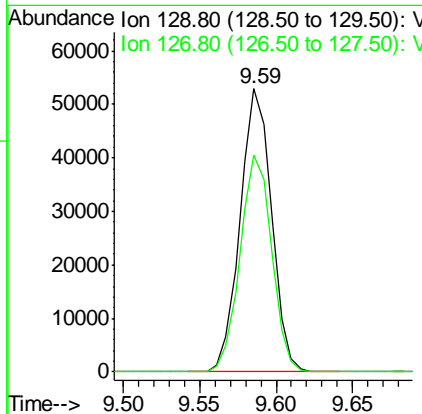
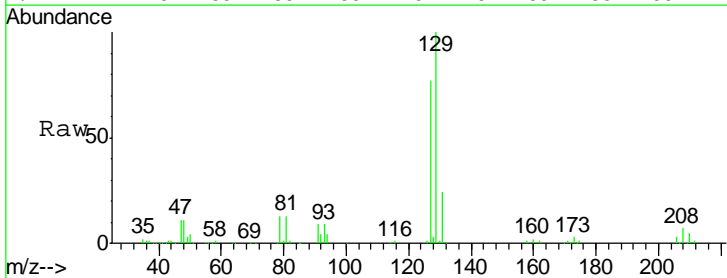
Manual Integrations  
 APPROVED

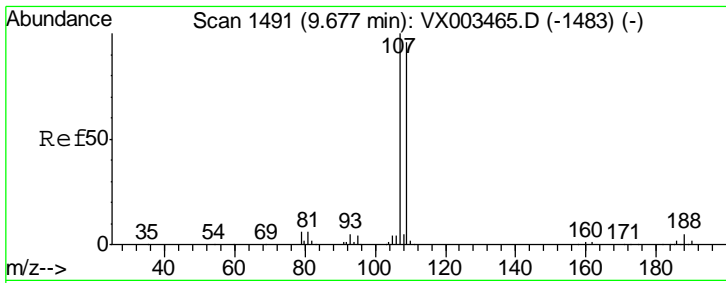
MMDadoda  
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#60  
 Dibromochloromethane  
 Concen: 24.46 ug/l  
 RT: 9.59 min Scan# 1476  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
129	100		
127	77.1	38.5	115.3





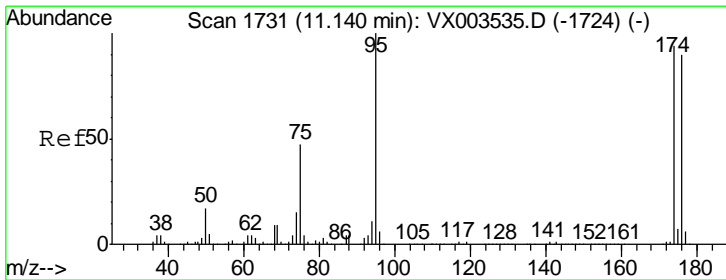
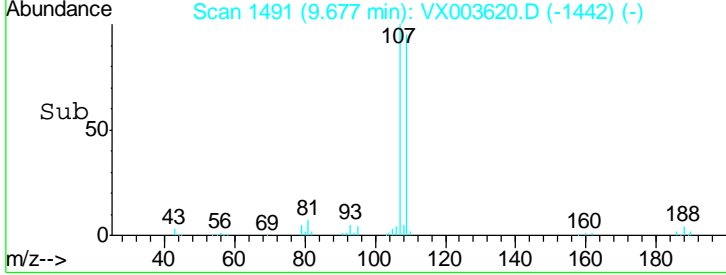
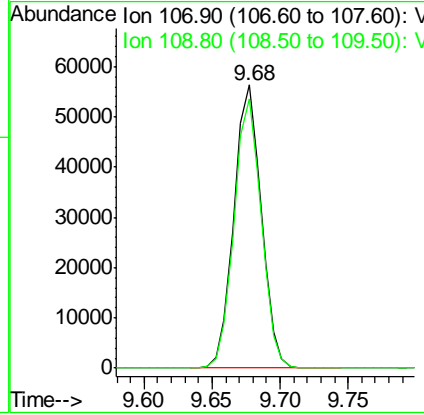
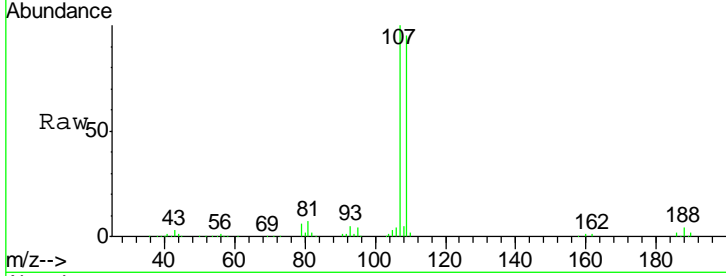
#61  
 1,2-Dibromoethane  
 Concen: 24.53 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
107	100		
109	94.9	75.3	112.9

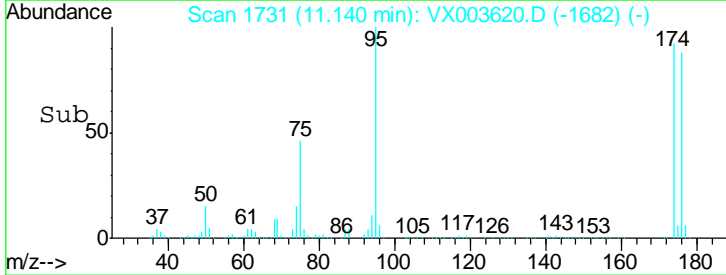
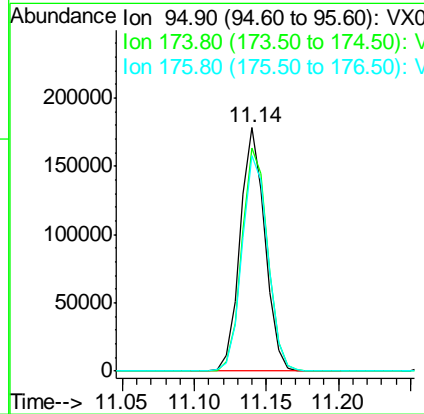
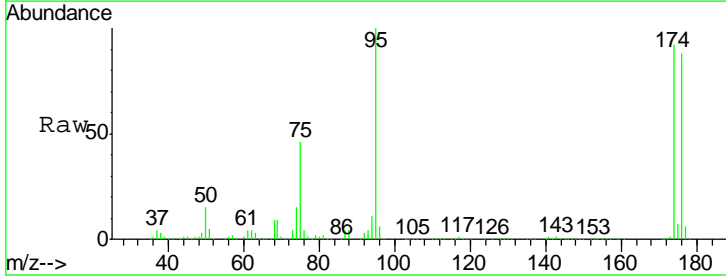
Manual Integrations  
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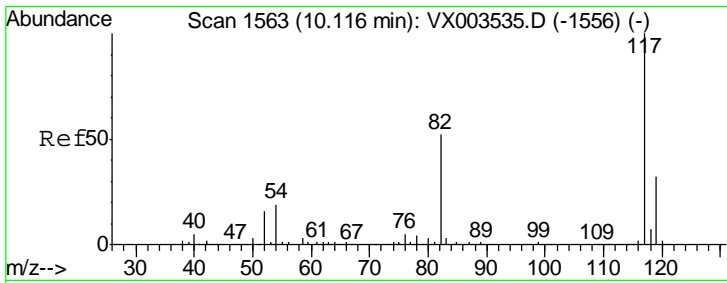
MMDadoda  
 7/24/2018 3:54:54 PM



#62  
 4-Bromofluorobenzene  
 Concen: 53.53 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

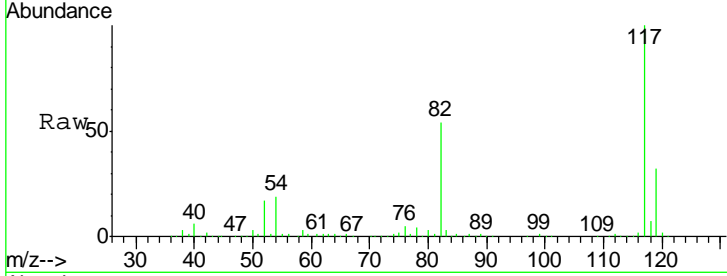
Tgt Ion	Resp	Lower	Upper
95	100		
174	95.3	0.0	187.4
176	92.1	0.0	181.0





#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.12 min Scan# 1563  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

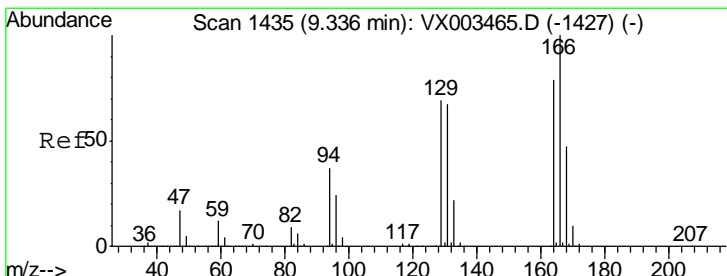
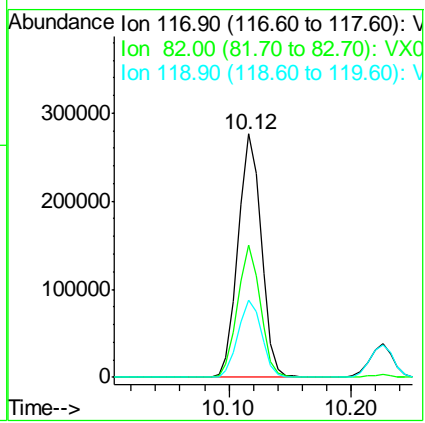
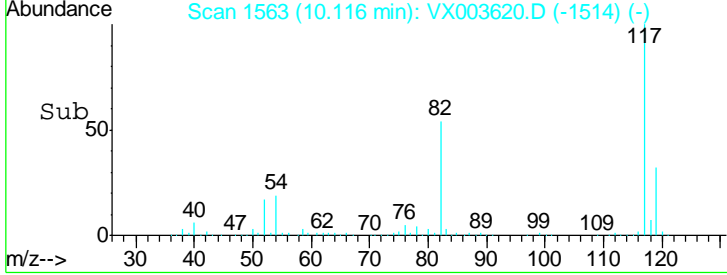
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02



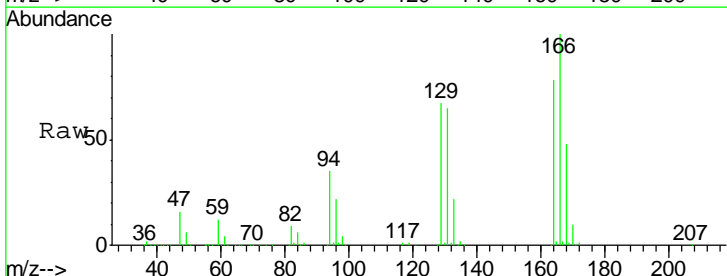
Tgt Ion: 117 Resp: 362534

Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	31.9	25.8	38.6

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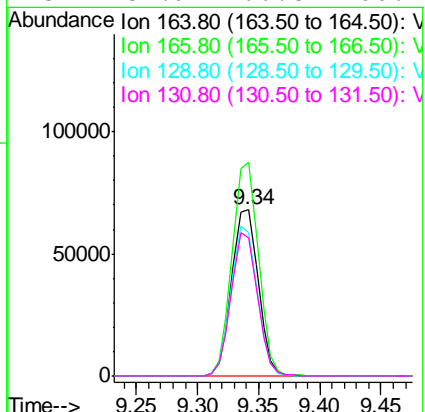
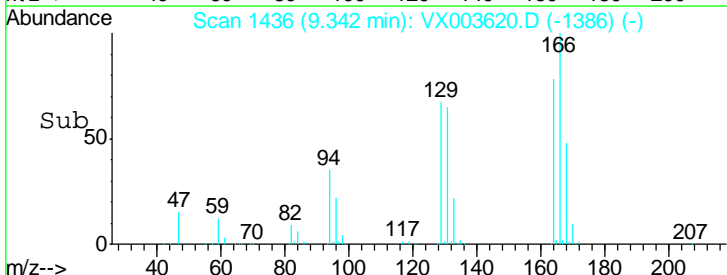


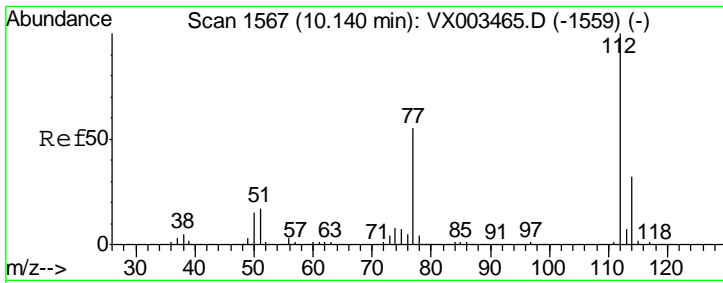
#64  
 Tetrachloroethene  
 Concen: 23.15 ug/l  
 RT: 9.34 min Scan# 1436  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09



Tgt Ion: 164 Resp: 102250

Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.9	154.3
129	86.4	68.6	102.8
131	82.9	66.8	100.2



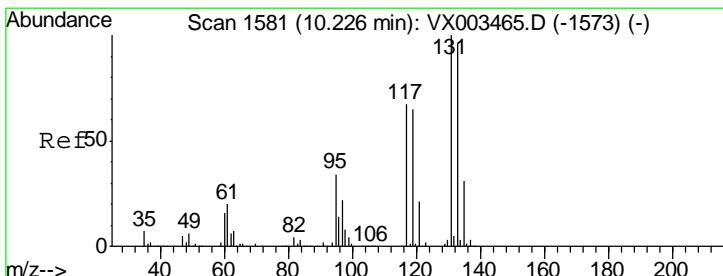
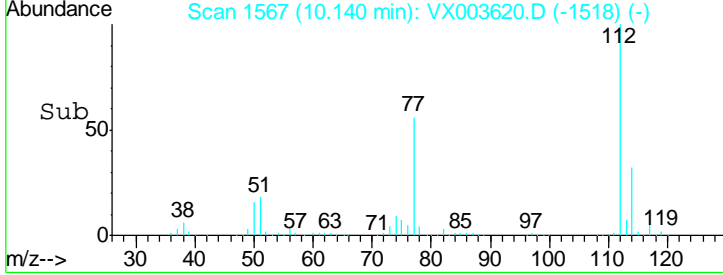
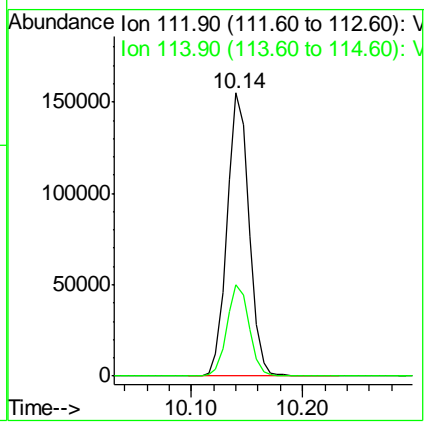
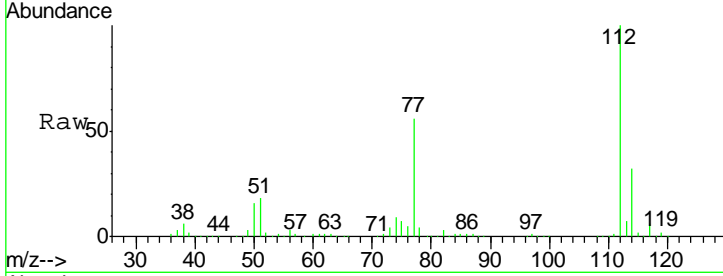


#65  
 Chlorobenzene  
 Concen: 22.63 ug/l  
 RT: 10.14 min Scan# 1567  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

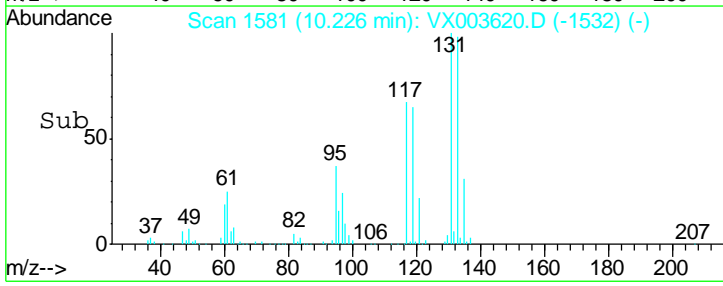
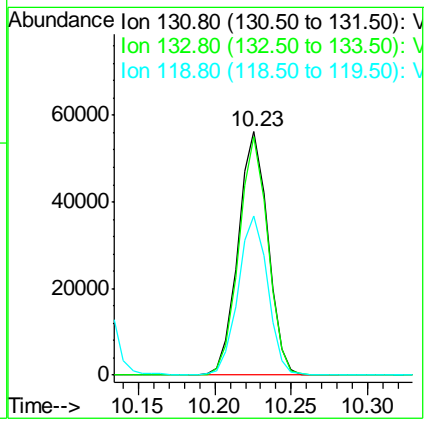
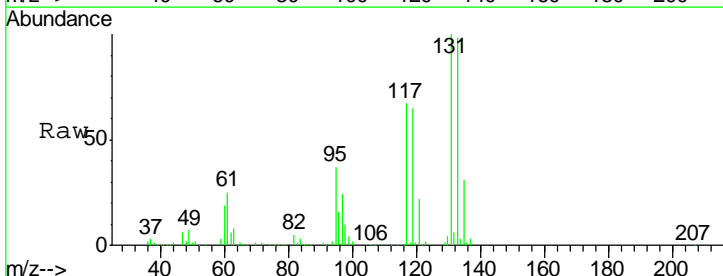
Tgt Ion: 112 Resp: 211392  
 Ion Ratio Lower Upper  
 112 100  
 114 32.2 25.3 37.9

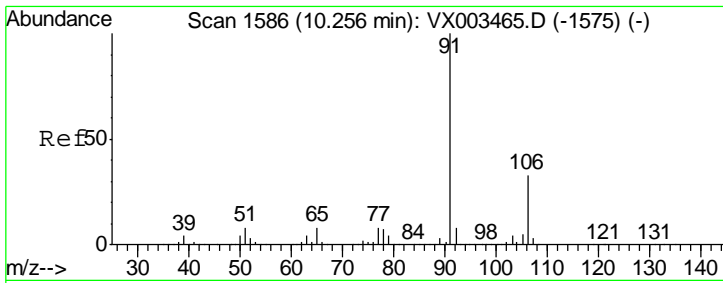
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 23.60 ug/l  
 RT: 10.23 min Scan# 1581  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion: 131 Resp: 75840  
 Ion Ratio Lower Upper  
 131 100  
 133 95.2 47.9 143.6  
 119 64.8 31.8 95.3



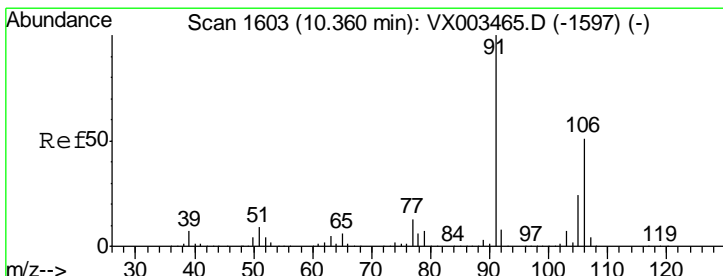
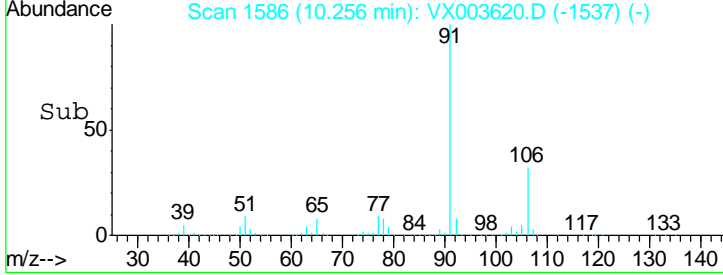
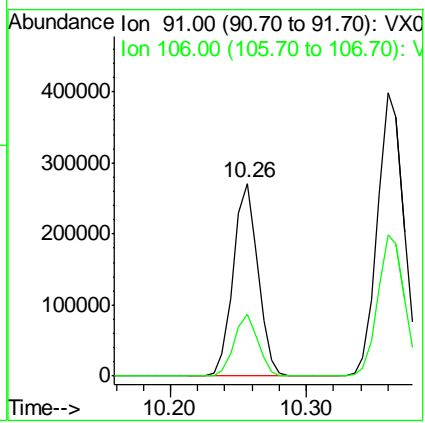
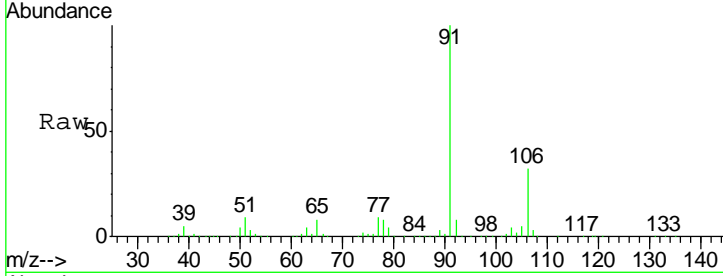


#67  
 Ethyl Benzene  
 Concen: 22.91 ug/l  
 RT: 10.26 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

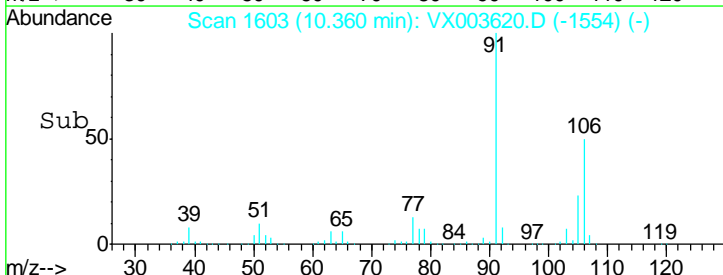
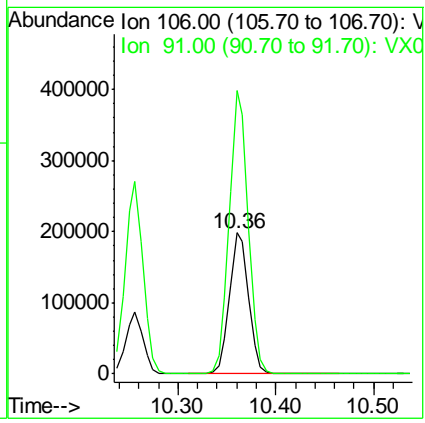
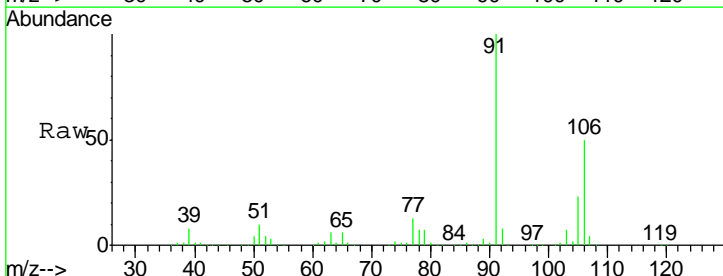
Tgt Ion: 91 Resp: 344106  
 Ion Ratio Lower Upper  
 91 100  
 106 31.9 25.5 38.3

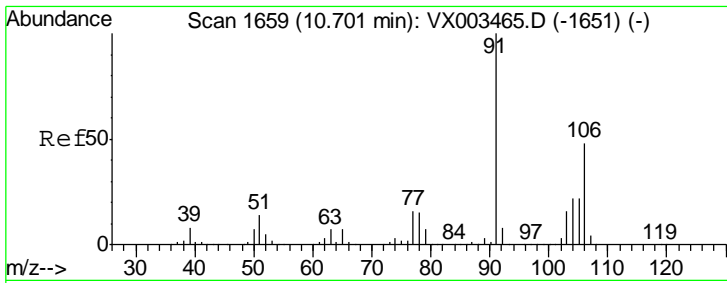
Manual Integrations  
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#68  
 m/p-Xylenes  
 Concen: 45.75 ug/l  
 RT: 10.36 min Scan# 1603  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion: 106 Resp: 269358  
 Ion Ratio Lower Upper  
 106 100  
 91 198.6 163.4 245.2





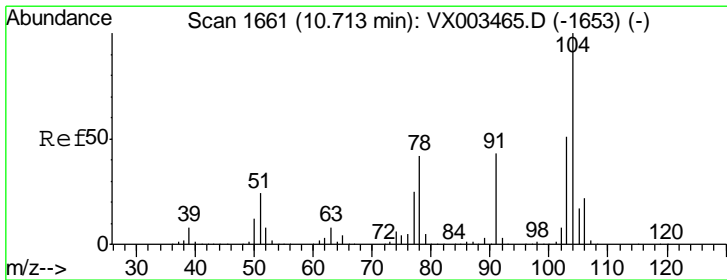
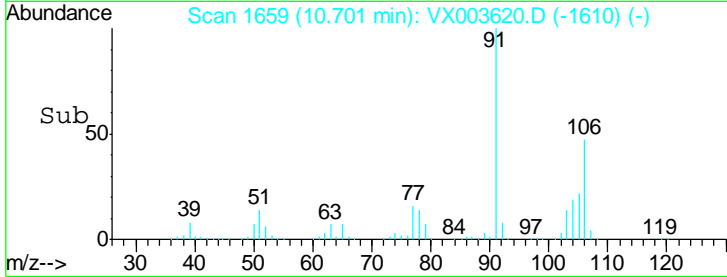
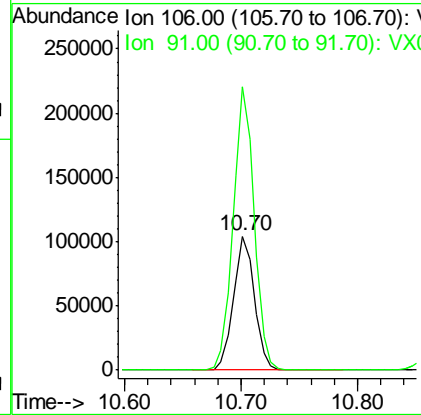
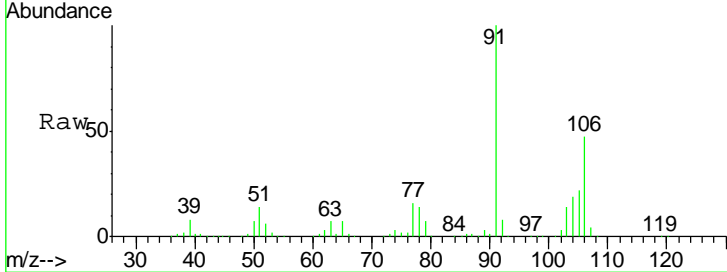
#69  
 o-Xylene  
 Concen: 22.98 ug/l  
 RT: 10.70 min Scan# 1659  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
106	130818		
106	100		
91	210.9	108.2	324.6

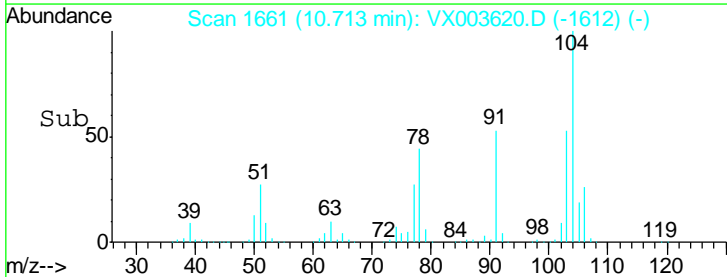
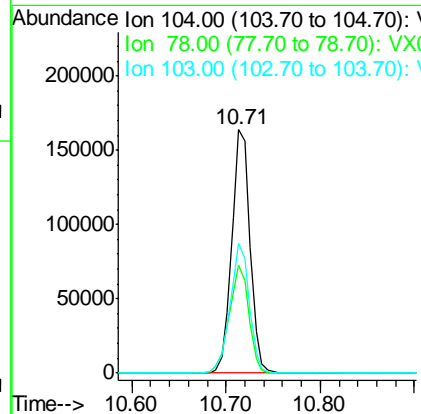
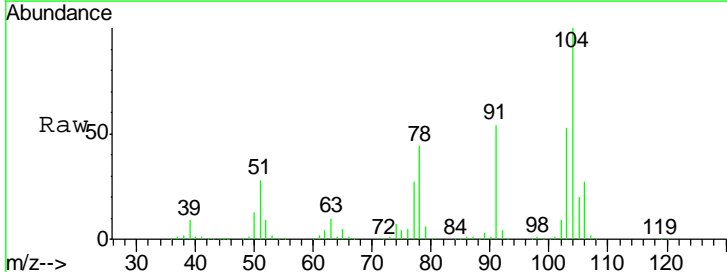
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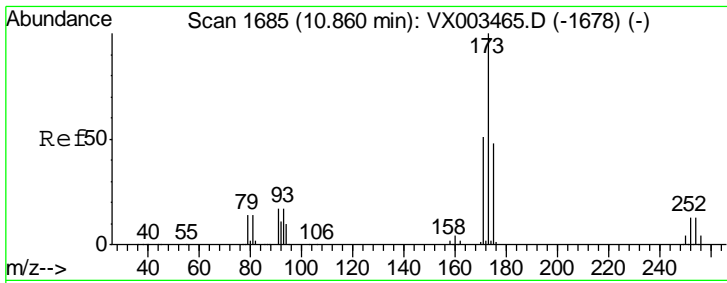
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 7/24/2018 3:54:54 PM



#70  
 Styrene  
 Concen: 23.54 ug/l  
 RT: 10.71 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
104	220460		
104	100		
78	47.6	41.0	61.6
103	55.8	44.2	66.4





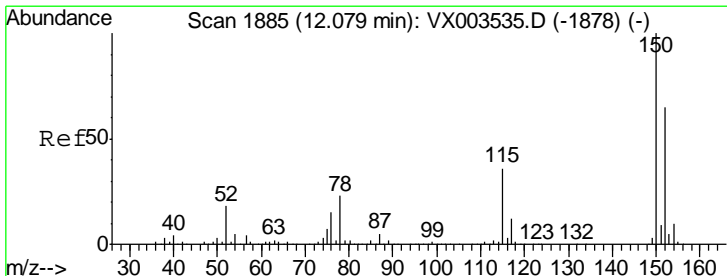
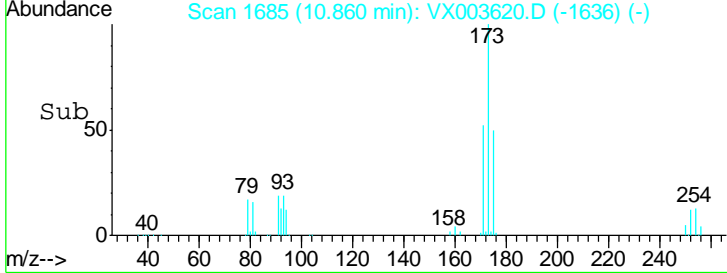
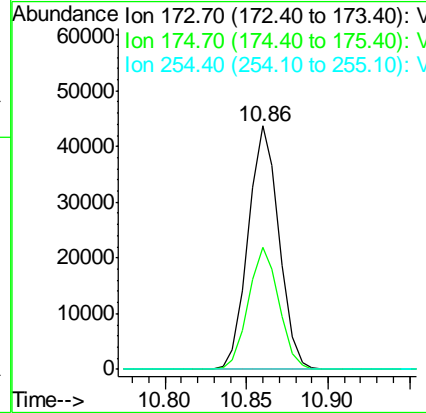
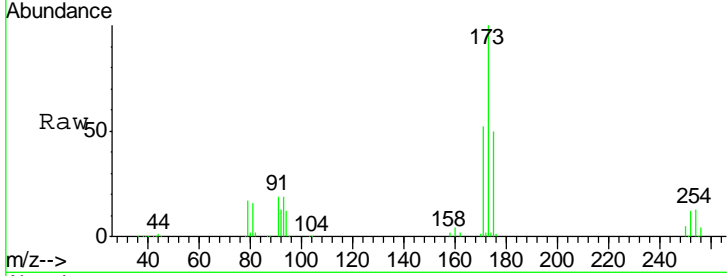
#71  
 Bromoform  
 Concen: 23.10 ug/l  
 RT: 10.86 min Scan# 1685  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
173	100		
175	49.7	24.7	74.1
254	0.1	0.2	0.2#

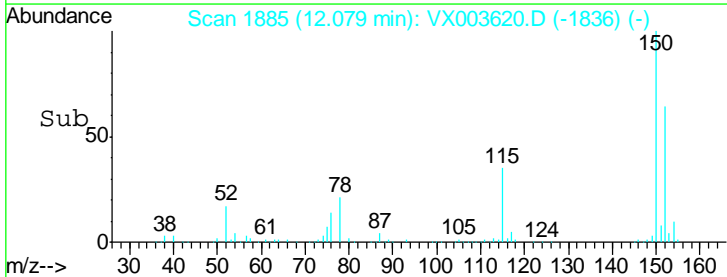
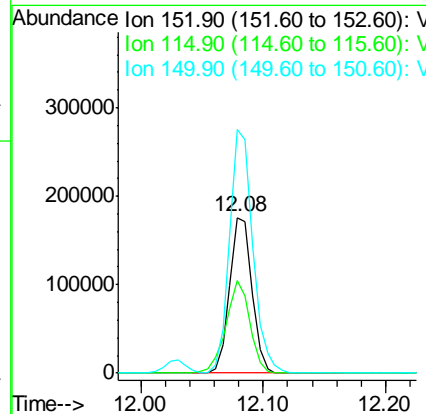
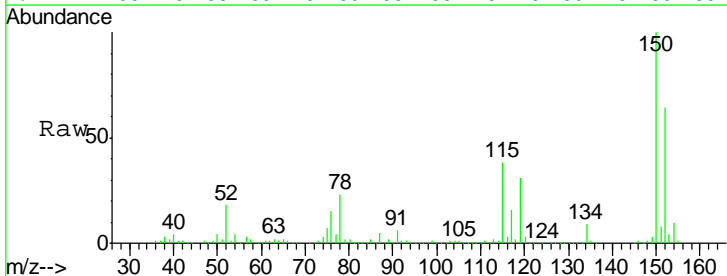
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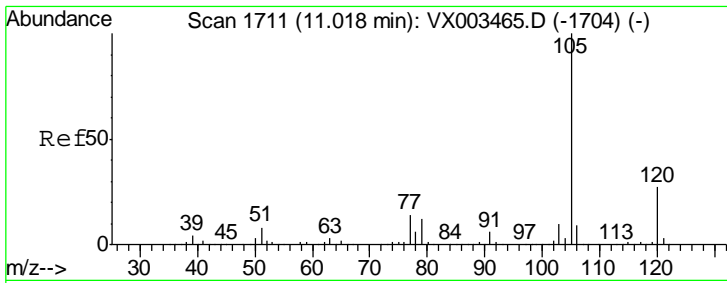


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.08 min Scan# 1885  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
152	100		
115	63.7	40.1	120.2
150	163.7	0.0	347.2







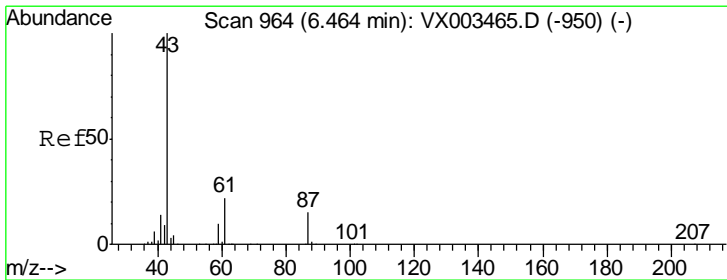
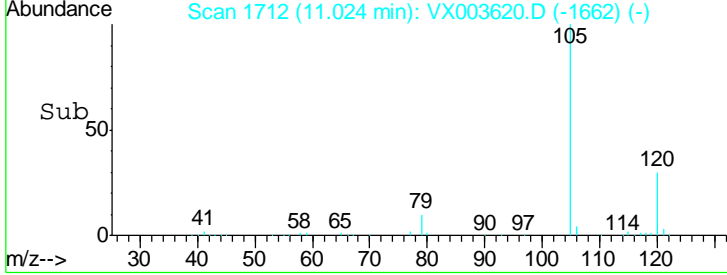
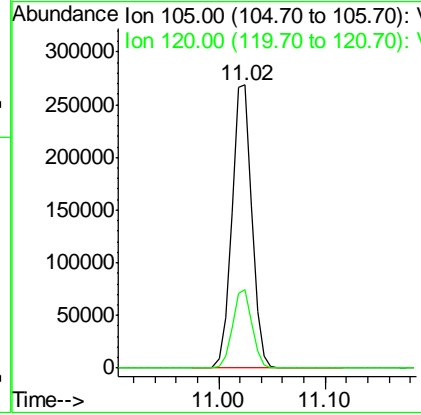
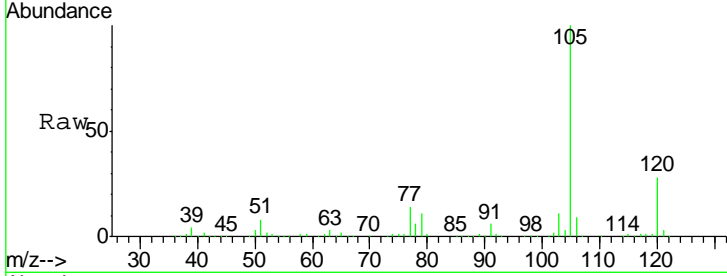
#73  
 Isopropylbenzene  
 Concen: 23.08 ug/l  
 RT: 11.02 min Scan# 1712  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
105	100		
120	27.2	13.5	40.4

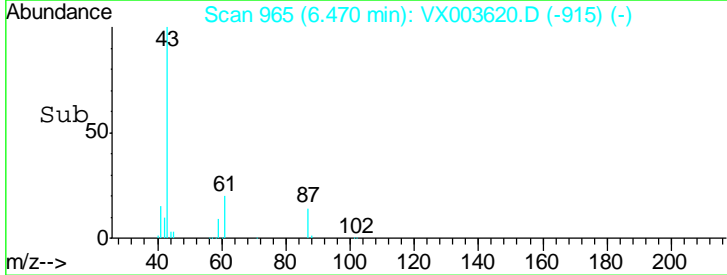
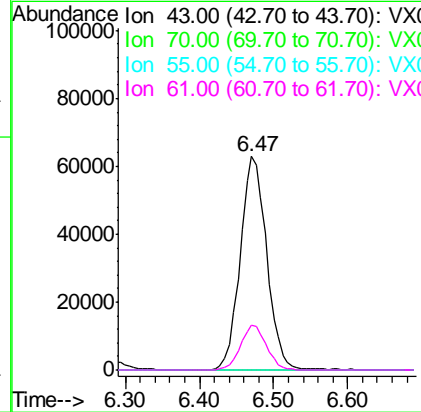
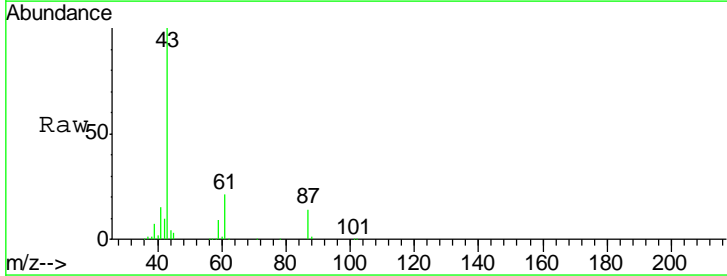
Manual Integrations  
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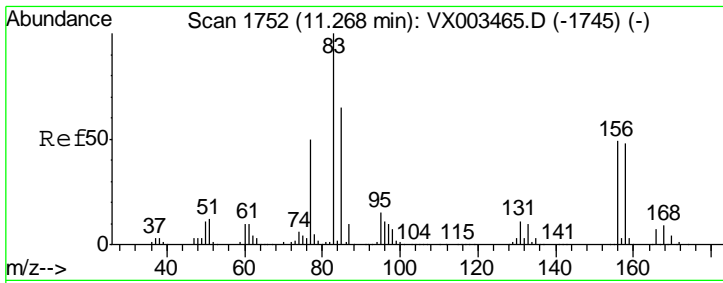
MMDadoda  
 7/24/2018 3:54:54 PM



#74  
 N-nyl acetate  
 Concen: 24.03 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	20.7	14.4	21.6



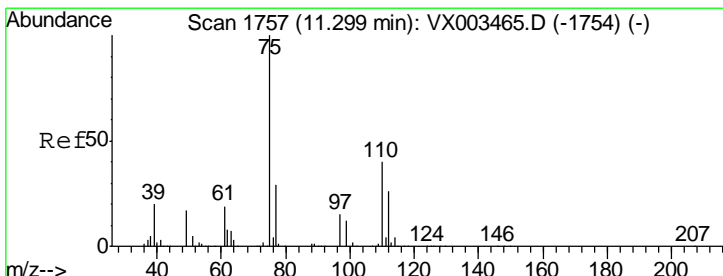
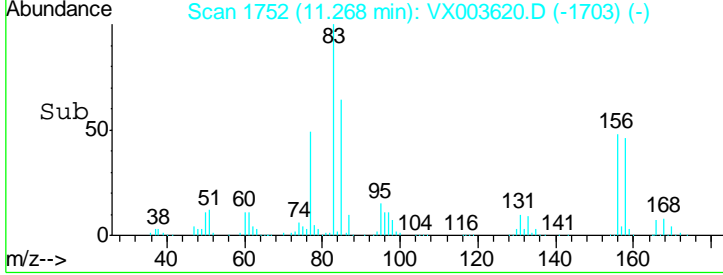
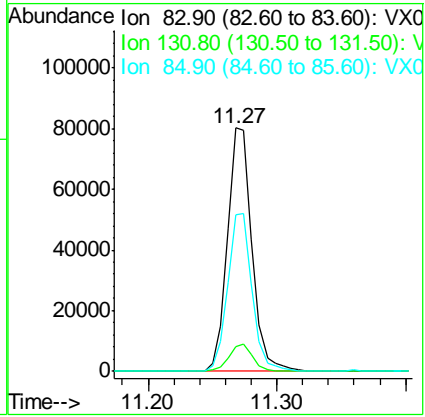
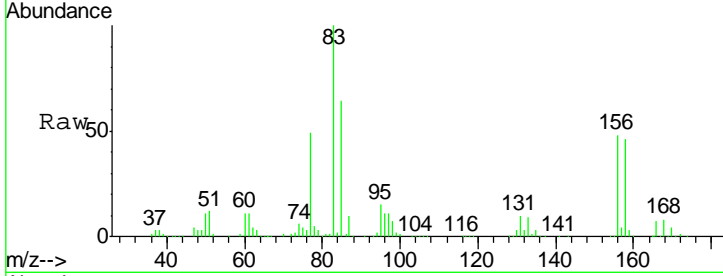


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 24.04 ug/l  
 RT: 11.27 min Scan# 1752  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

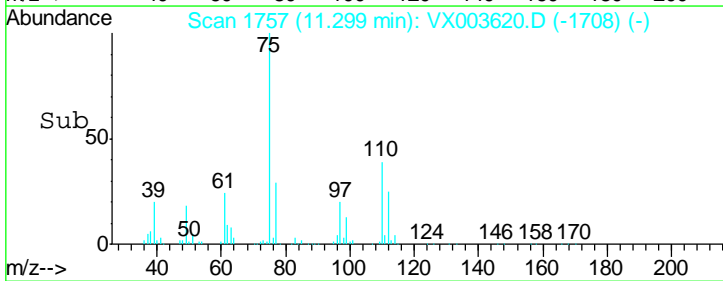
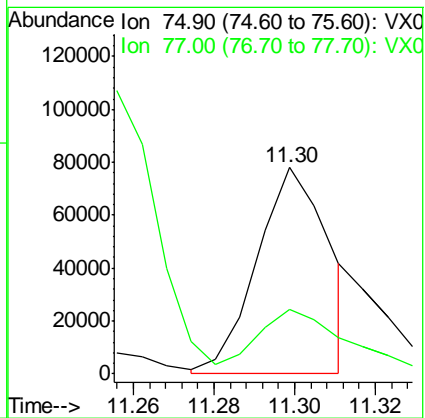
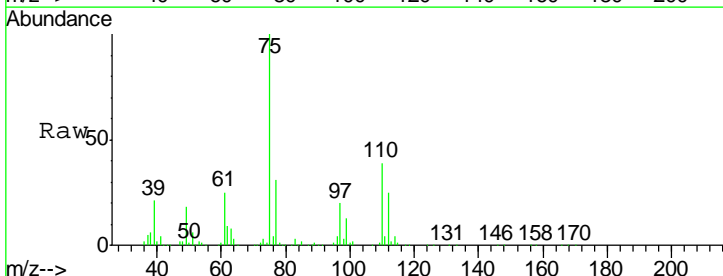
Tgt Ion	Resp	Lower	Upper
83	107633		
131	10.8	5.6	16.8
85	64.6	32.4	97.2

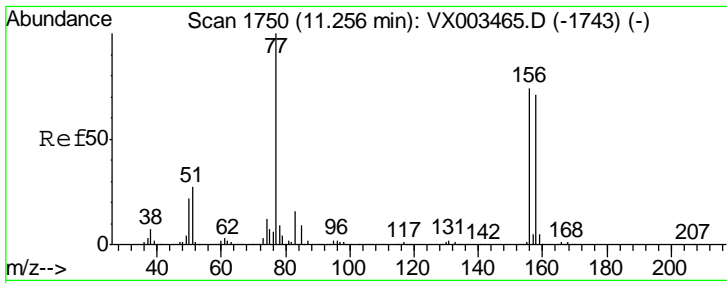
Manual Integrations  
**APPROVED**  
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 7/24/2018 3:54:54 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 24.45 ug/l m  
 RT: 11.30 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
75	97011		
77	39.8	22.8	68.3





#77

Bromobenzene

Concen: 22.35 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

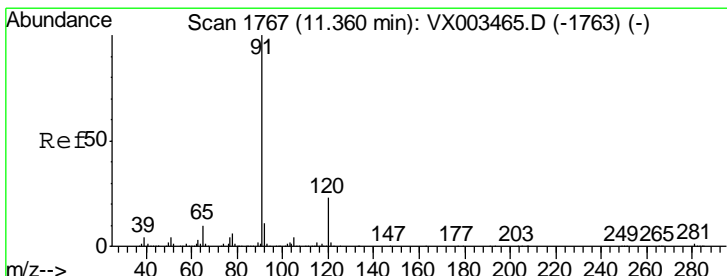
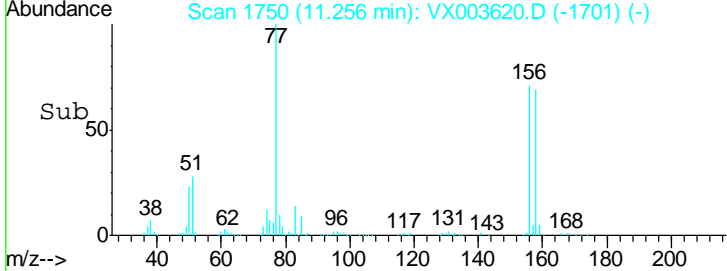
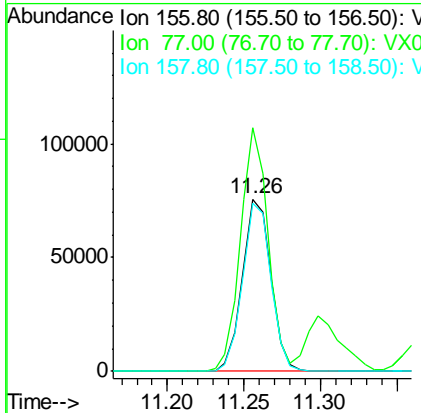
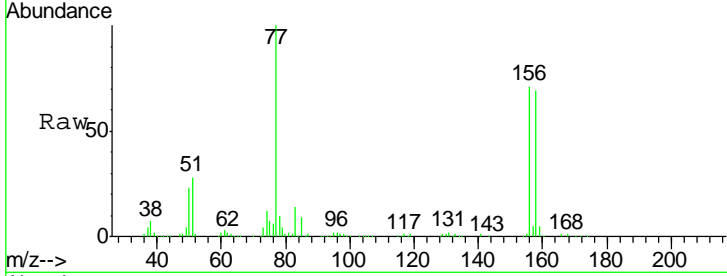
Lab File: VX003620.D

Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
156	98208		
77	136.2	71.4	214.2
158	97.3	48.9	146.6

Instrument : MSVOA\_X  
Client Sampled : VX0723WBSD02

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#78

n-propylbenzene

Concen: 23.00 ug/l

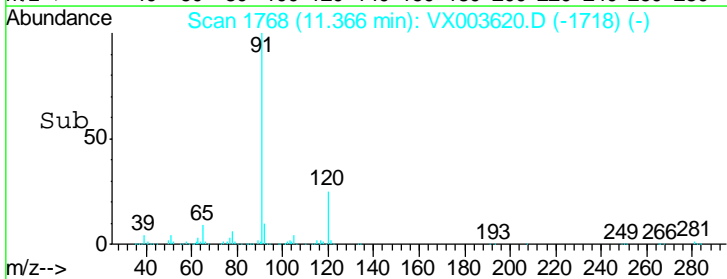
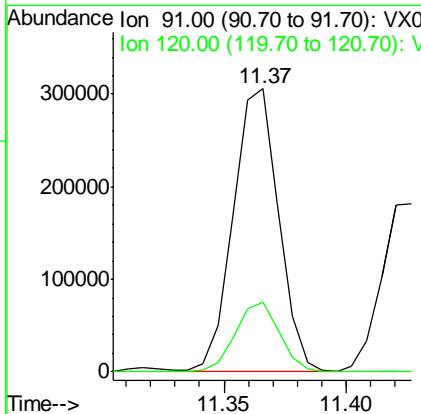
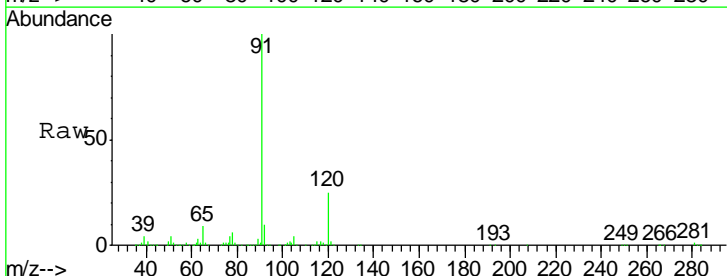
RT: 11.37 min Scan# 1768

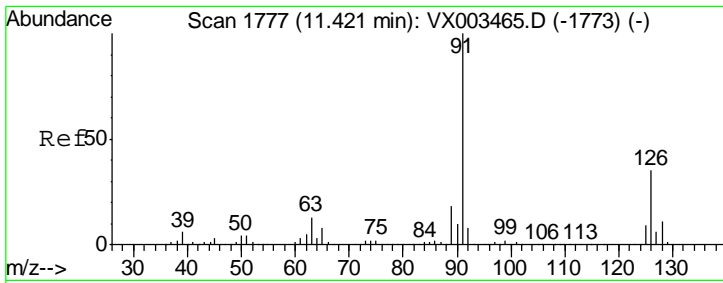
Delta R.T. 0.01 min

Lab File: VX003620.D

Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
91	390589		
120	24.4	11.8	35.4



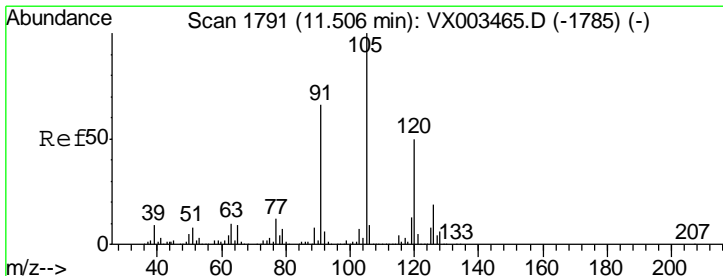
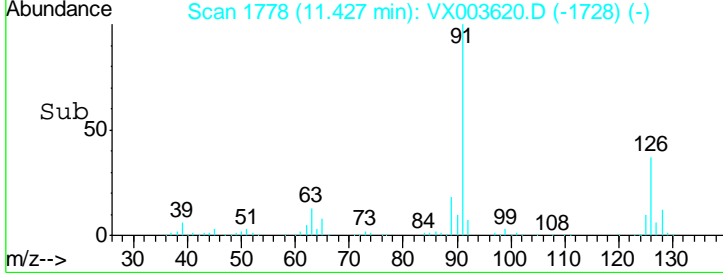
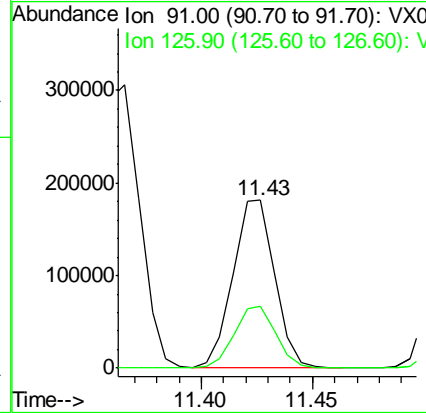
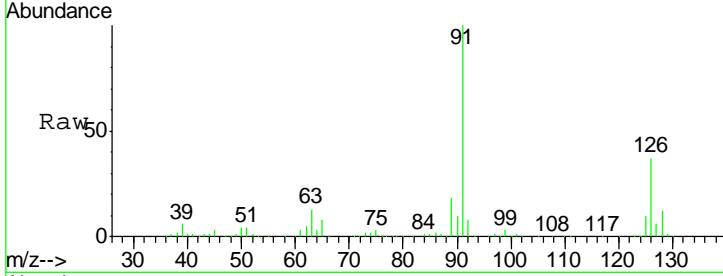


#79  
 2-Chlorotoluene  
 Concen: 22.86 ug/l  
 RT: 11.43 min Scan# 1778  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

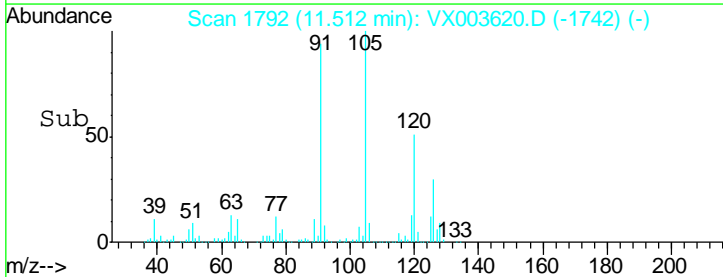
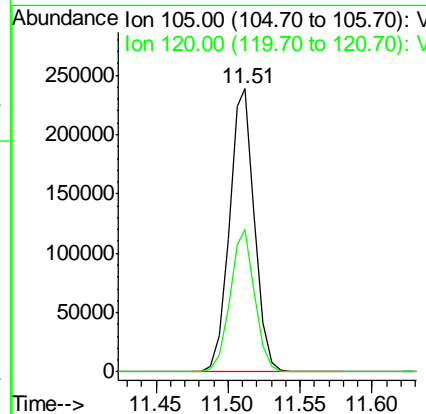
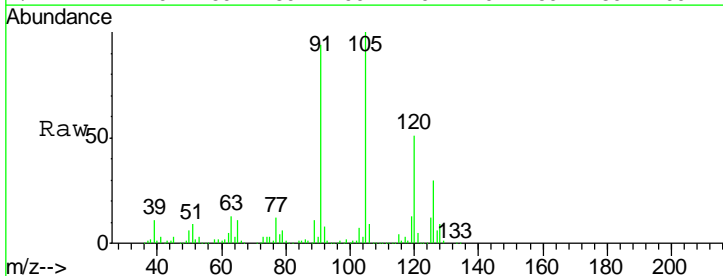
Tgt Ion: 91 Resp: 235708  
 Ion Ratio Lower Upper  
 91 100  
 126 36.6 17.7 53.1

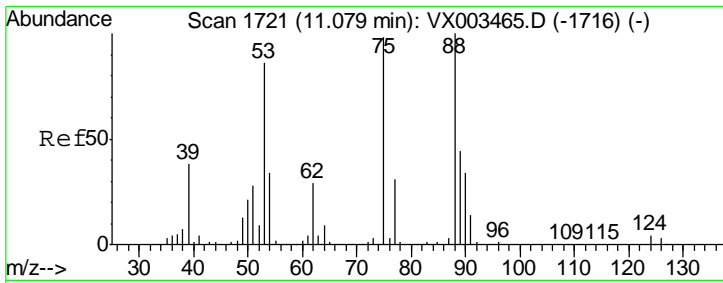
Manual Integrations  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 23.16 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion: 105 Resp: 290788  
 Ion Ratio Lower Upper  
 105 100  
 120 49.6 24.4 73.4





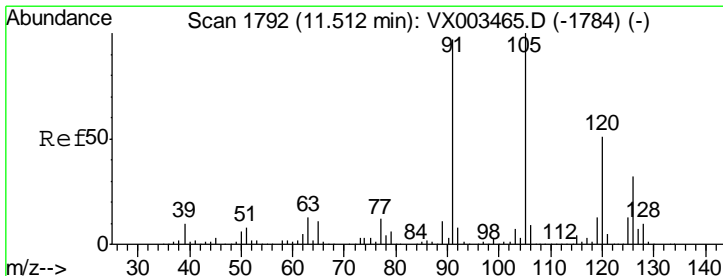
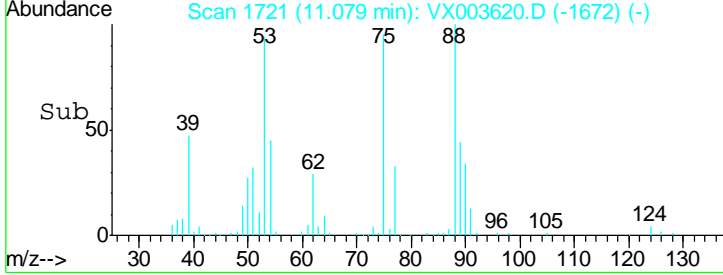
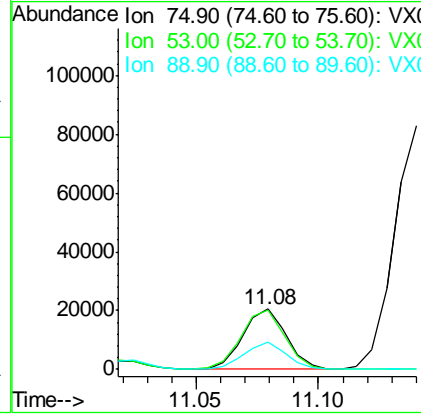
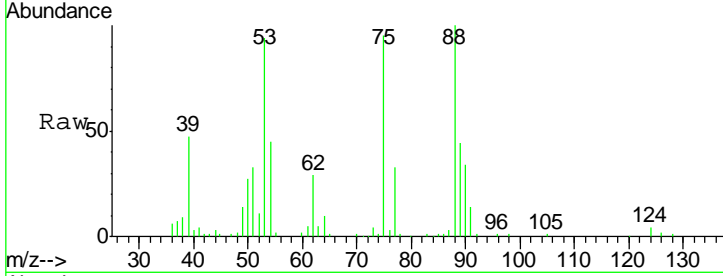
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.71 ug/l  
 RT: 11.08 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
75	25432		
75	100		
53	99.4	86.8	130.2
89	44.5	38.2	57.2

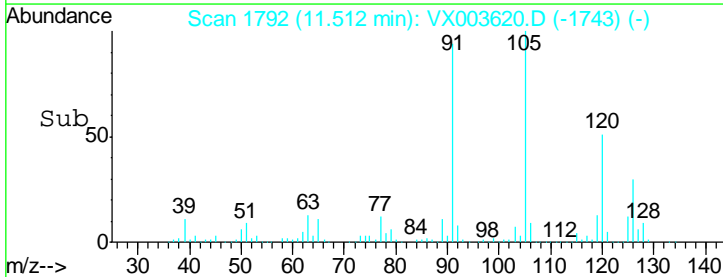
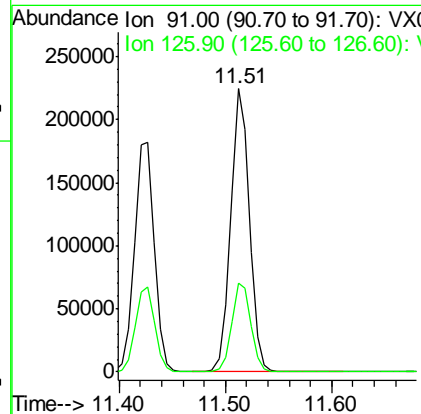
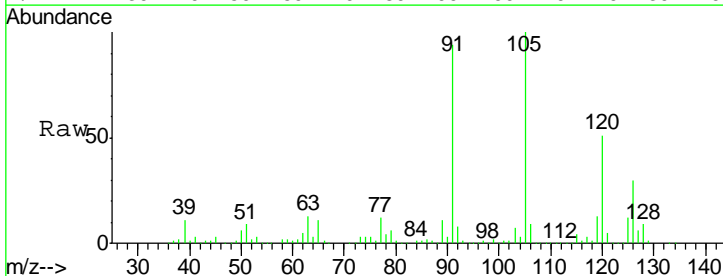
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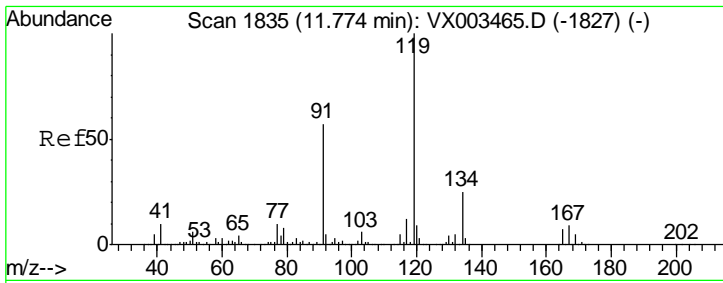
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#82  
 4-Chlorotoluene  
 Concen: 22.90 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

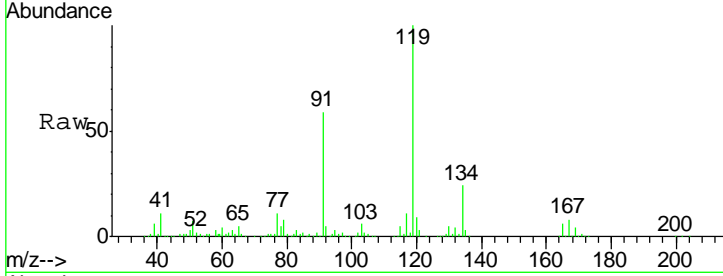
Tgt Ion	Resp	Lower	Upper
91	276690		
91	100		
126	32.1	15.4	46.4





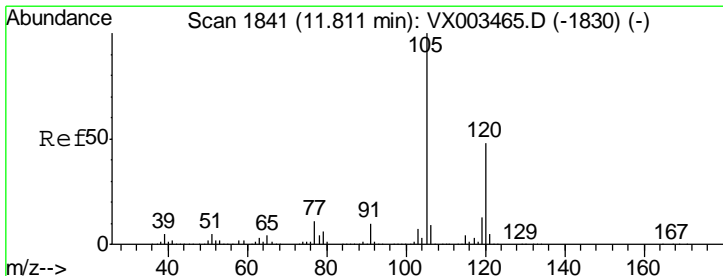
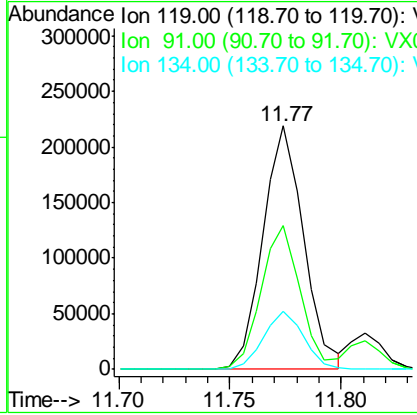
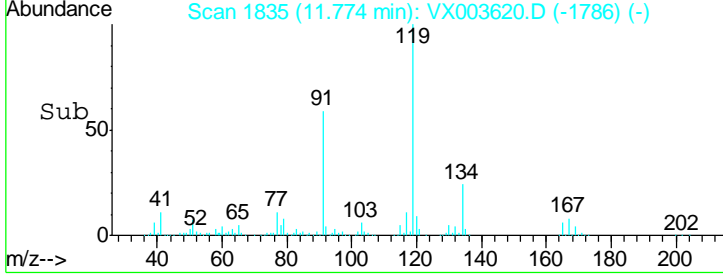
#83  
 tert-Butylbenzene  
 Concen: 22.59 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

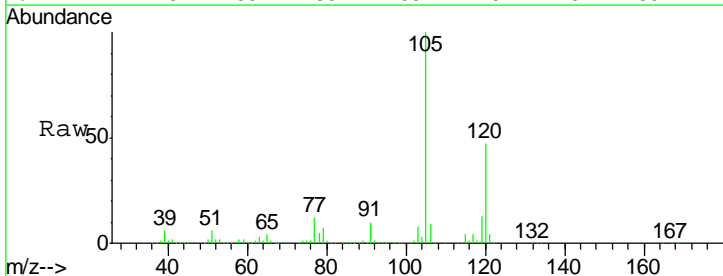


Tgt Ion	Resp	Lower	Upper
119	277761		
91	57.6	30.3	90.9
134	23.8	11.7	35.1

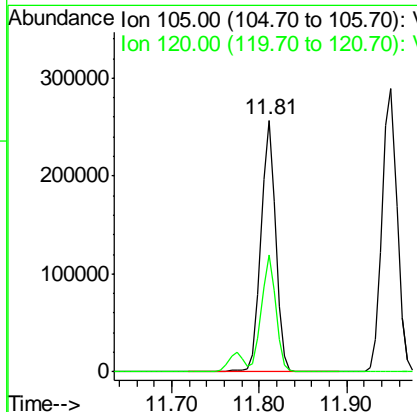
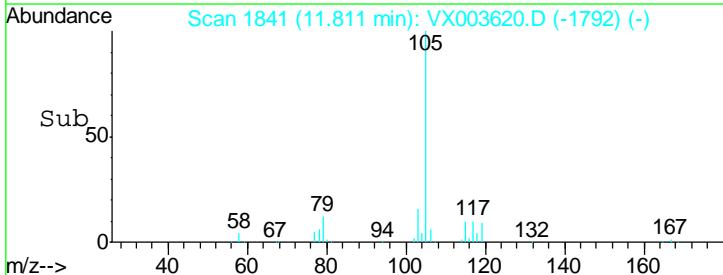
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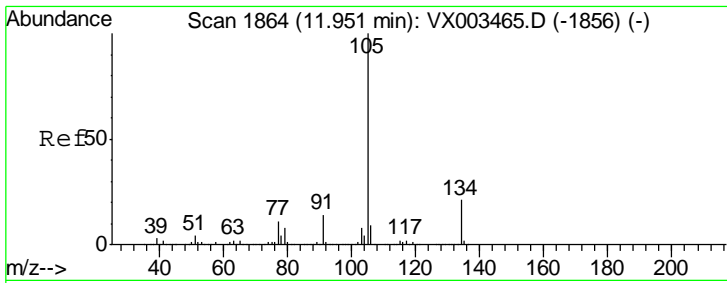


#84  
 1,2,4-Trimethylbenzene  
 Concen: 23.51 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09



Tgt Ion	Resp	Lower	Upper
105	300302		
120	45.9	22.3	66.8





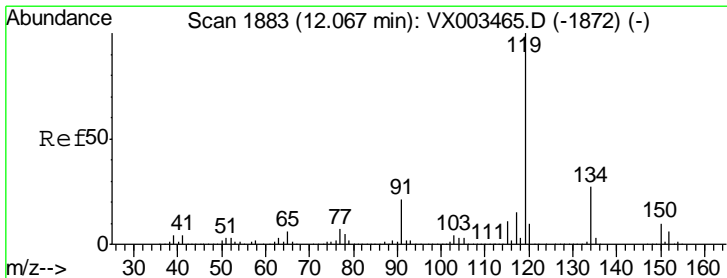
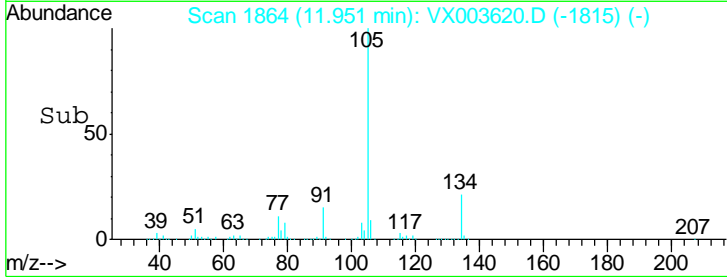
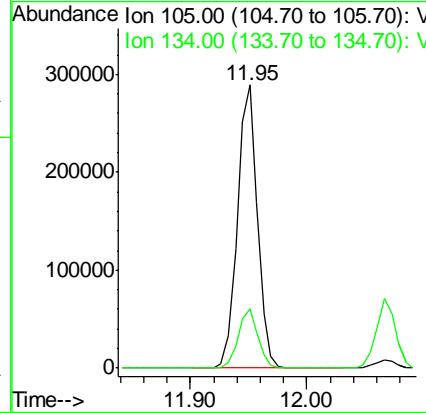
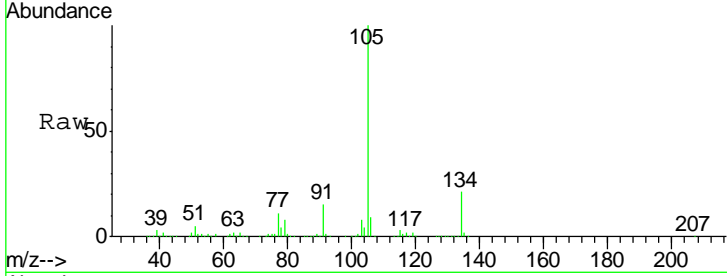
#85  
 sec-Butylbenzene  
 Concen: 23.06 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
105	344463		
134	20.6	10.4	31.1

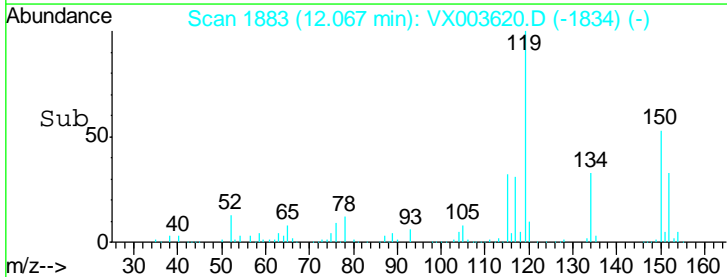
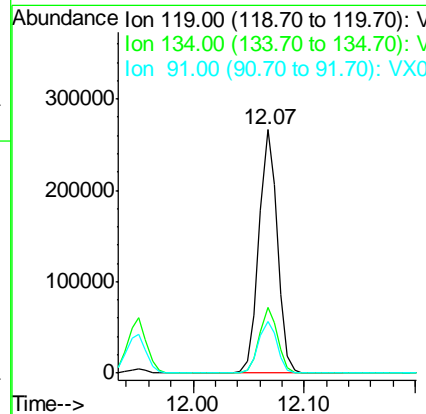
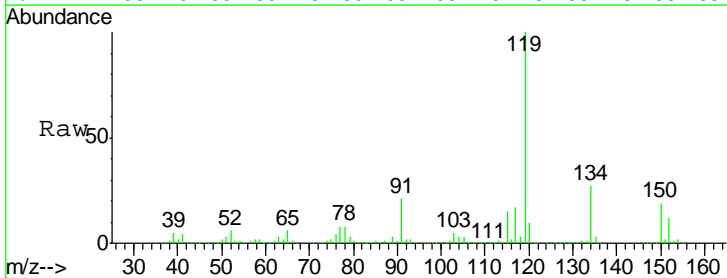
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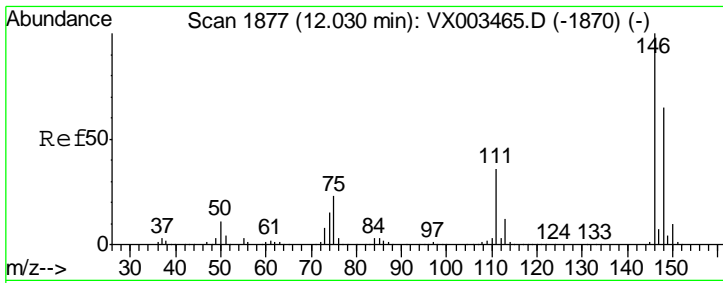
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#86  
 p-Isopropyltoluene  
 Concen: 22.94 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

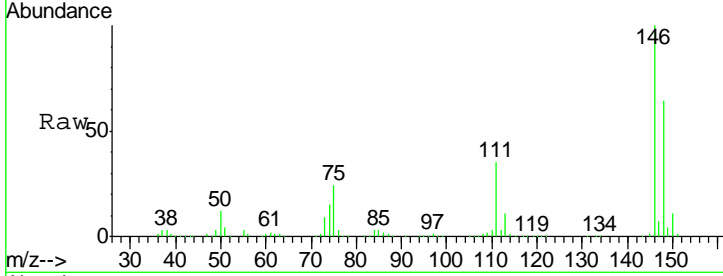
Tgt Ion	Resp	Lower	Upper
119	307468		
134	26.6	13.4	40.1
91	21.9	11.9	35.7





#87  
 1,3-Dichlorobenzene  
 Concen: 21.93 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

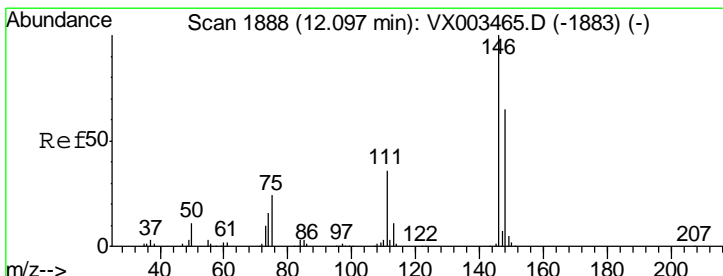
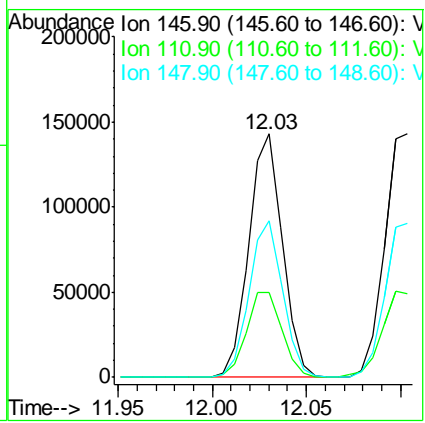
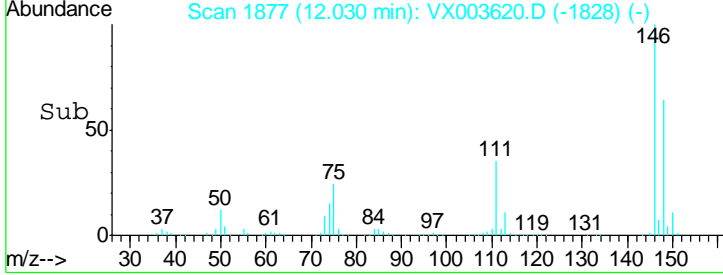
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02



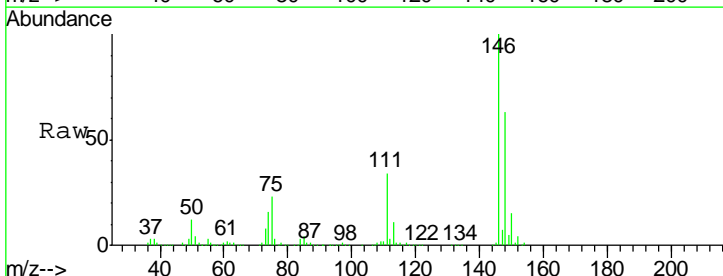
Tgt Ion:146 Resp: 177127

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.0	32.1	96.3

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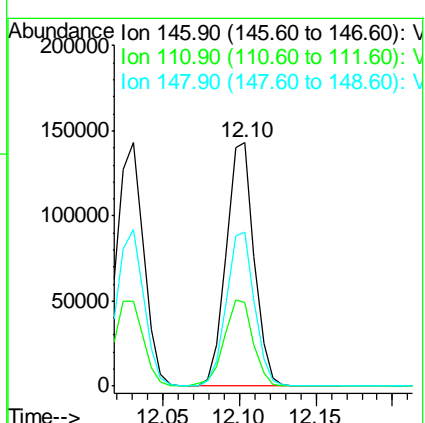
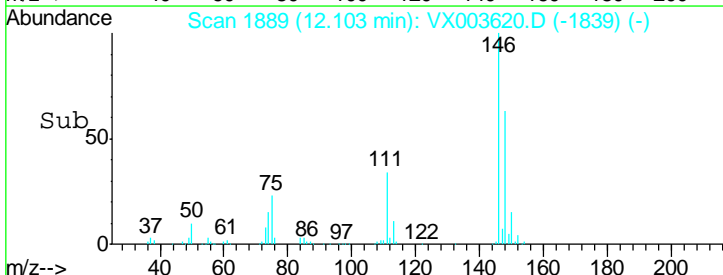


#88  
 1,4-Dichlorobenzene  
 Concen: 21.76 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

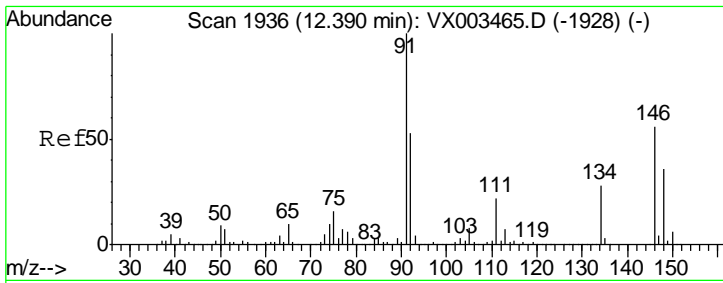


Tgt Ion:146 Resp: 181061

Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	63.9	32.4	97.0







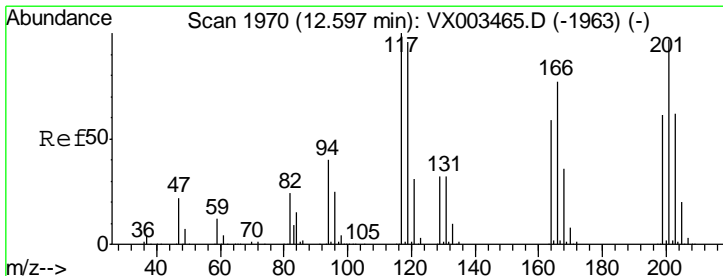
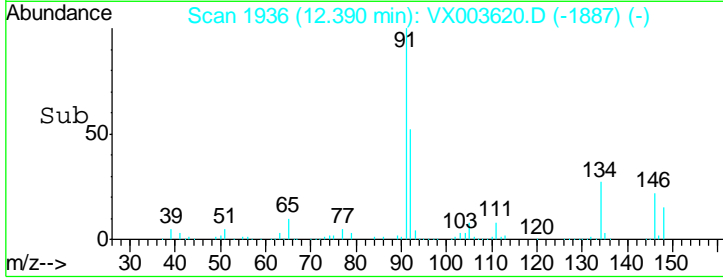
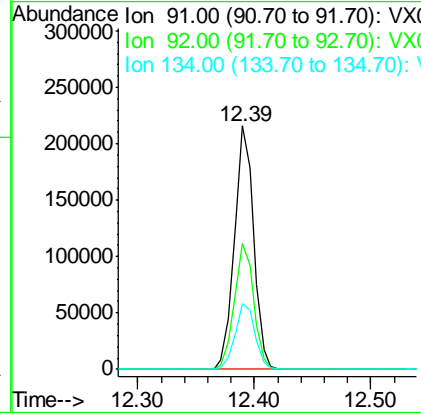
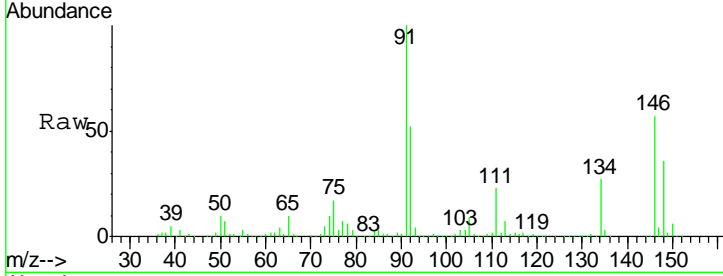
#89  
 n-Butylbenzene  
 Concen: 21.84 ug/l  
 RT: 12.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
91	248613		
92	52.1	26.0	78.0
134	27.8	13.5	40.5

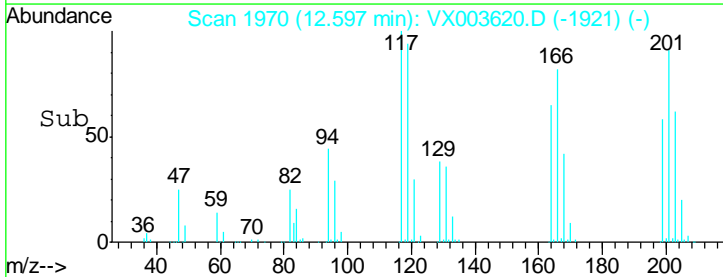
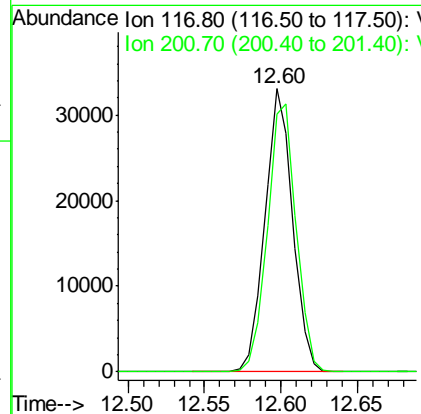
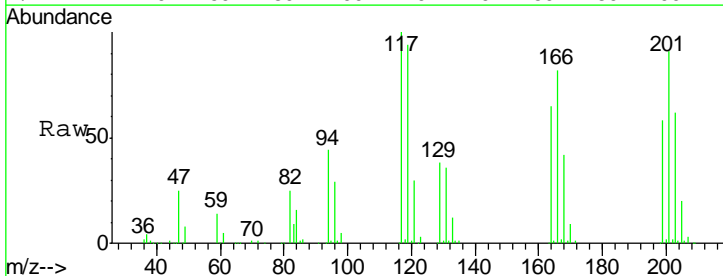
Manual Integrations  
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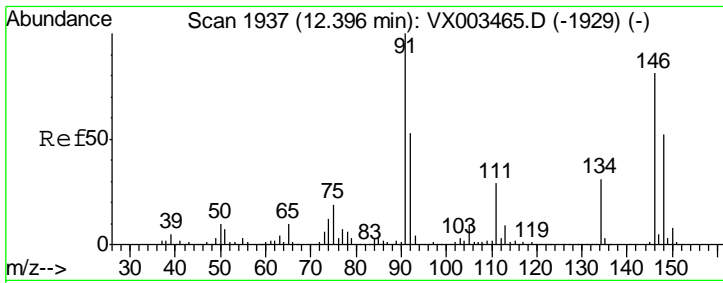
MMDadoda  
 7/24/2018 3:54:54 PM



#90  
 Hexachloroethane  
 Concen: 21.95 ug/l  
 RT: 12.60 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
117	41819		
117	100		
201	98.4	49.0	147.0





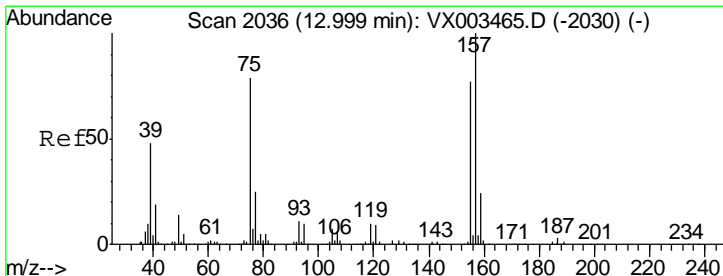
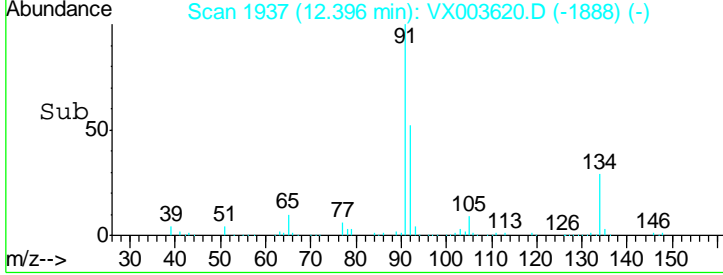
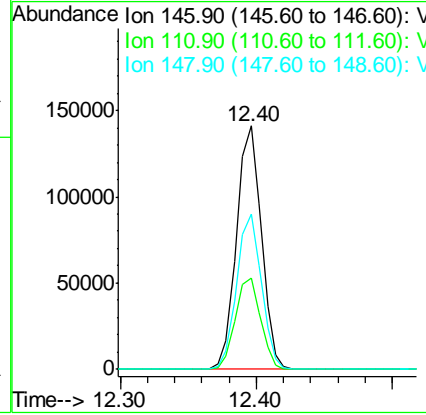
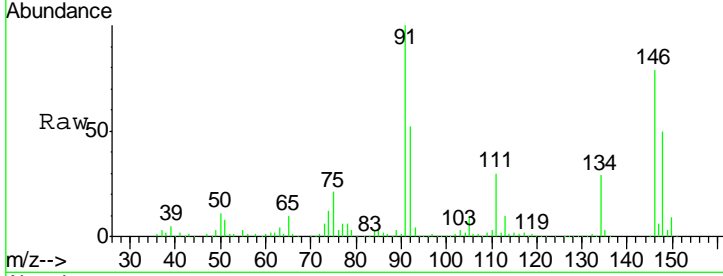
#91  
 1,2-Dichlorobenzene  
 Concen: 22.55 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
146	179538		
146	100		
111	38.2	19.4	58.1
148	63.6	31.7	95.1

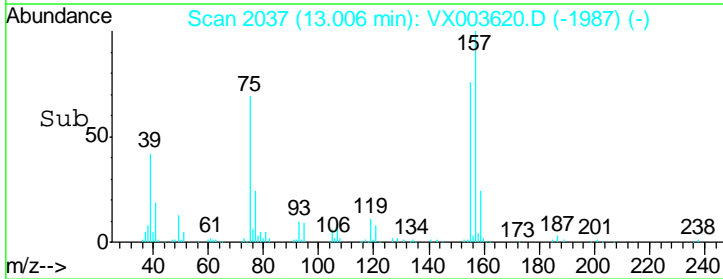
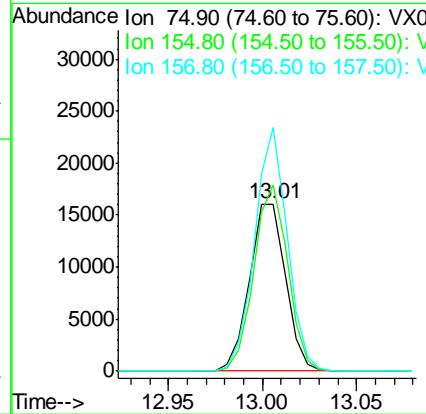
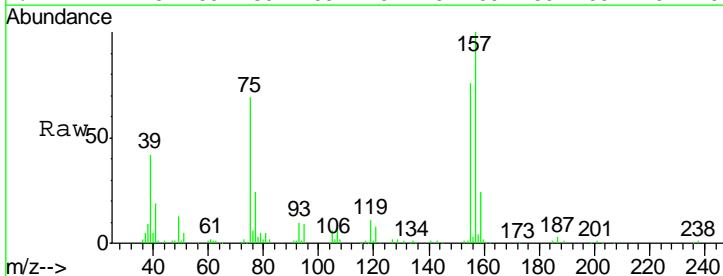
Manual Integrations  
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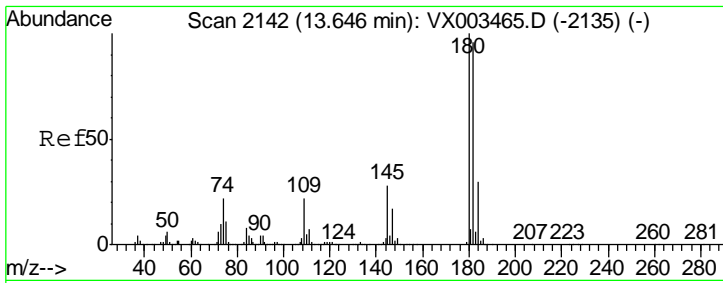
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 7/24/2018 3:54:54 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 24.62 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.01 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
75	21448		
75	100		
155	104.3	45.8	137.4
157	130.9	60.1	180.3





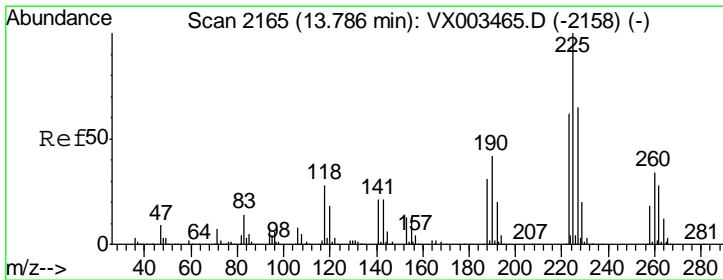
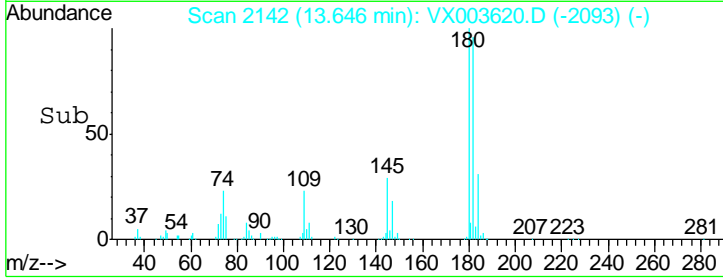
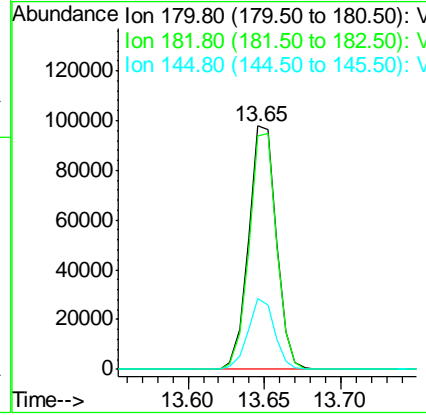
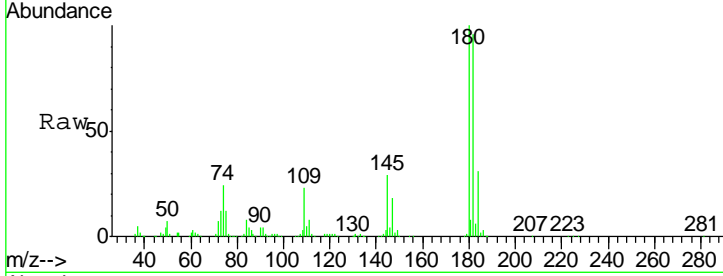
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.00 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
180	122513		
180	100		
182	96.0	47.7	143.1
145	27.9	14.1	42.4

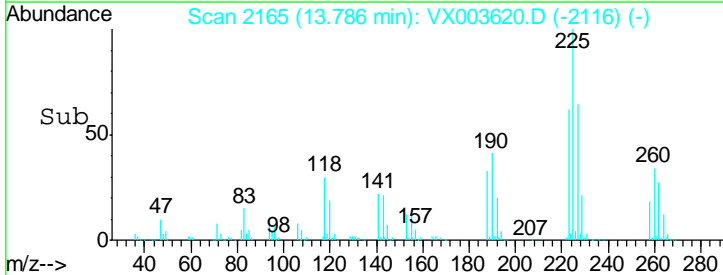
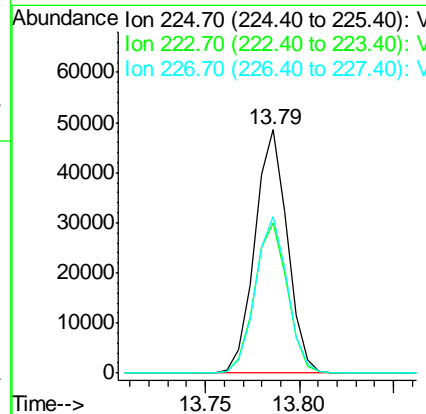
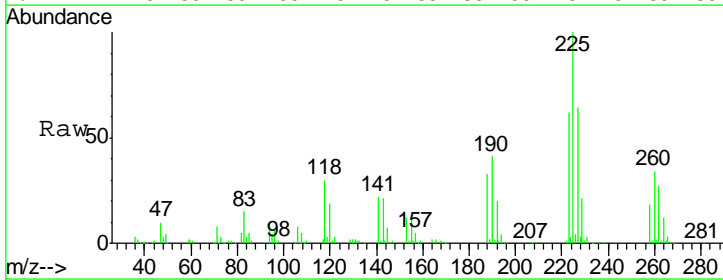
Manual Integrations  
 APPROVED

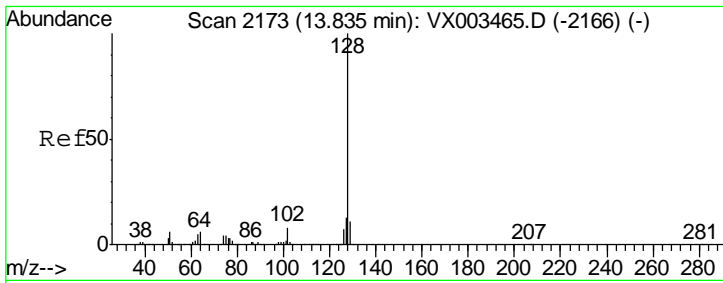
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 7/24/2018 3:54:54 PM



#94  
 Hexachlorobutadiene  
 Concen: 20.51 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
225	57548		
225	100		
223	62.4	31.6	95.0
227	63.8	32.4	97.2



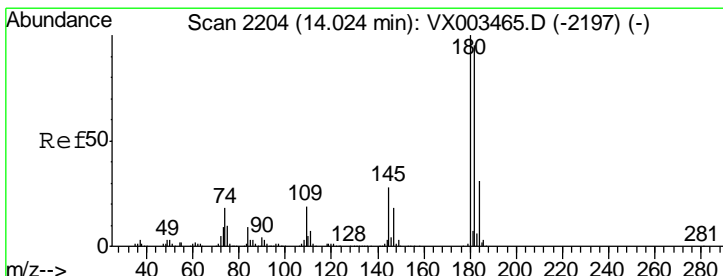
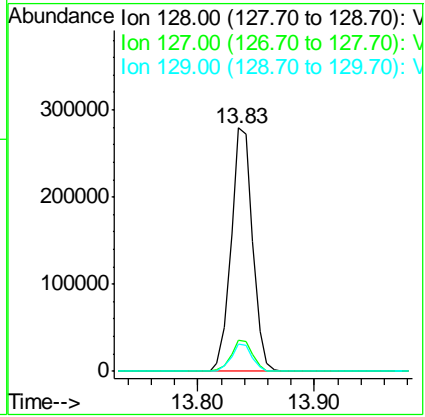
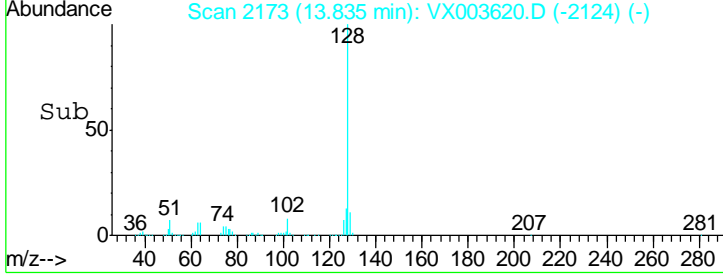
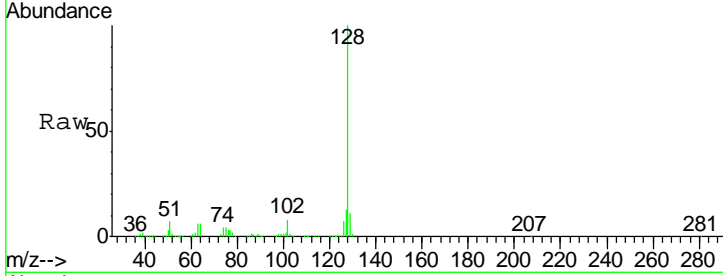


#95  
 Naphthalene  
 Concen: 23.34 ug/l  
 RT: 13.83 min Scan# 2173  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Instrument : MSVOA\_X  
 ClientSampled : VX0723WBSD02

Tgt Ion	Resp	Lower	Upper
128	357834		
127	12.8	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations  
**APPROVED**  
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 7/24/2018 3:54:54 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 22.17 ug/l  
 RT: 14.02 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: VX003620.D  
 Acq: 23 Jul 2018 23:09

Tgt Ion	Resp	Lower	Upper
180	128041		
182	96.1	48.0	144.0
145	29.2	14.8	44.3

