

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\  
 Data File : VW006553.D  
 Acq On : 01 Nov 2018 12:39  
 Operator : SY/AP  
 Sample : VW1102SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1102SBS01

Manual Integrations  
 APPROVED

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 11/2/2018 3:20:53 PM

Quant Time: Nov 01 14:08:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110218S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 01 03:48:08 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	442964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	402686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225247	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125275	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	7.88	113	133617	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.33	98	517739	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.62	95	185494	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35655	21.498	ug/l	100
3) Chloromethane	2.21	50	40745	19.856	ug/l	97
4) Vinyl Chloride	2.37	62	59451	20.749	ug/l	100
5) Bromomethane	2.79	94	48962	20.362	ug/l	94
6) Chloroethane	2.93	64	39303	19.632	ug/l	100
7) Trichlorofluoromethane	3.26	101	51026	20.167	ug/l	100
8) Diethyl Ether	3.68	74	24060	17.396	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57077	21.125	ug/l	99
10) Methyl Iodide	4.26	142	93389	19.063	ug/l	99
11) Tert butyl alcohol	5.23	59	15048m	101.557	ug/l	
12) 1,1-Dichloroethene	4.03	96	52836	20.247	ug/l	99
13) Acrolein	3.90	56	18136	97.317	ug/l	100
14) Allyl chloride	4.67	41	67017	19.674	ug/l	99
15) Acrylonitrile	5.37	53	43465	87.644	ug/l	98
16) Acetone	4.14	43	56391	127.007	ug/l	96
17) Carbon Disulfide	4.37	76	152522	20.539	ug/l	100
18) Methyl Acetate	4.67	43	20666	16.187	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	72884	18.763	ug/l	96
20) Methylene Chloride	4.91	84	55709	15.204	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	58010	19.645	ug/l	97
22) Diisopropyl ether	6.31	45	134026	18.873	ug/l	97
23) Vinyl Acetate	6.26	43	373579	94.864	ug/l	99
24) 1,1-Dichloroethane	6.22	63	91641	19.041	ug/l	99
25) 2-Butanone	7.18	43	63576	100.346	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63564	21.925	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	62609	18.952	ug/l	99
28) Bromochloromethane	7.51	49	34476	18.040	ug/l	100
29) Tetrahydrofuran	7.54	42	34878	87.523	ug/l	98
30) Chloroform	7.68	83	98636	18.693	ug/l	98
31) Cyclohexane	7.96	56	87759	20.034	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	89925	20.140	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81111	20.822	ug/l	99
37) Ethyl Acetate	7.26	43	25857	19.154	ug/l	99
38) Carbon Tetrachloride	8.07	117	86208	21.179	ug/l	99

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 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

**Manual Integrations**  
**APPROVED**  
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Quant Time: Nov 01 14:08:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W110218S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 01 03:48:08 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107032	21.651	ug/l	97
40) Benzene	8.32	78	220808	19.956	ug/l	99
41) Methacrylonitrile	7.49	41	14329	17.310	ug/l	97
42) 1,2-Dichloroethane	8.40	62	61175	19.279	ug/l	99
43) Isopropyl Acetate	8.43	43	49947	18.542	ug/l	99
44) Trichloroethene	9.09	130	68312	20.007	ug/l	99
45) 1,2-Dichloropropane	9.37	63	50676	19.681	ug/l	99
46) Dibromomethane	9.46	93	28321	18.711	ug/l	98
47) Bromodichloromethane	9.65	83	68895	19.603	ug/l	99
48) Methyl methacrylate	9.44	41	23827	18.359	ug/l	98
49) 1,4-Dioxane	9.48	88	8300	374.688	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	126088	91.138	ug/l	100
52) Toluene	10.39	92	148542	20.016	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66943	19.791	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	79512	19.893	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40479	18.848	ug/l	97
56) Ethyl methacrylate	10.65	69	44534	18.244	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66060	18.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111766	94.191	ug/l	99
59) 2-Hexanone	10.98	43	98371	104.689	ug/l	98
60) Dibromochloromethane	11.13	129	48576	19.090	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39676	18.603	ug/l	99
64) Tetrachloroethene	10.87	164	62563	19.490	ug/l	97
65) Chlorobenzene	11.66	112	171313	20.217	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	59132	19.854	ug/l	99
67) Ethyl Benzene	11.74	91	291112	20.554	ug/l	100
68) m/p-Xylenes	11.84	106	232196	41.034	ug/l	100
69) o-Xylene	12.17	106	109942	20.408	ug/l	99
70) Styrene	12.19	104	174570	19.876	ug/l	99
71) Bromoform	12.35	173	29712	18.819	ug/l	99
73) Isopropylbenzene	12.47	105	306770	20.674	ug/l	100
74) N-amyl acetate	12.28	43	47926	18.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44650	19.052	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34329m	19.534	ug/l	
77) Bromobenzene	12.75	156	76806	19.992	ug/l	100
78) n-propylbenzene	12.81	91	355919	20.854	ug/l	99
79) 2-Chlorotoluene	12.90	91	197653	20.179	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	258368	20.726	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12015	19.424	ug/l	96
82) 4-Chlorotoluene	12.99	91	211719	20.431	ug/l	99
83) tert-Butylbenzene	13.21	119	230448	20.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	263645	20.619	ug/l	100
85) sec-Butylbenzene	13.39	105	329968	21.193	ug/l	100
86) p-Isopropyltoluene	13.51	119	297846	21.024	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	154444	20.413	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	153576	20.478	ug/l	99
89) n-Butylbenzene	13.83	91	271326	21.575	ug/l	99
90) Hexachloroethane	14.10	117	47492	20.397	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	135245	19.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6879	18.090	ug/l	97

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 Quant Title : SW846 8260  
 QLast Update : Thu Nov 01 03:48:08 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	103405	20.434	ug/l	100
94) Hexachlorobutadiene	15.24	225	67726	21.473	ug/l	99
95) Naphthalene	15.38	128	154644	19.014	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	88485	19.895	ug/l	99

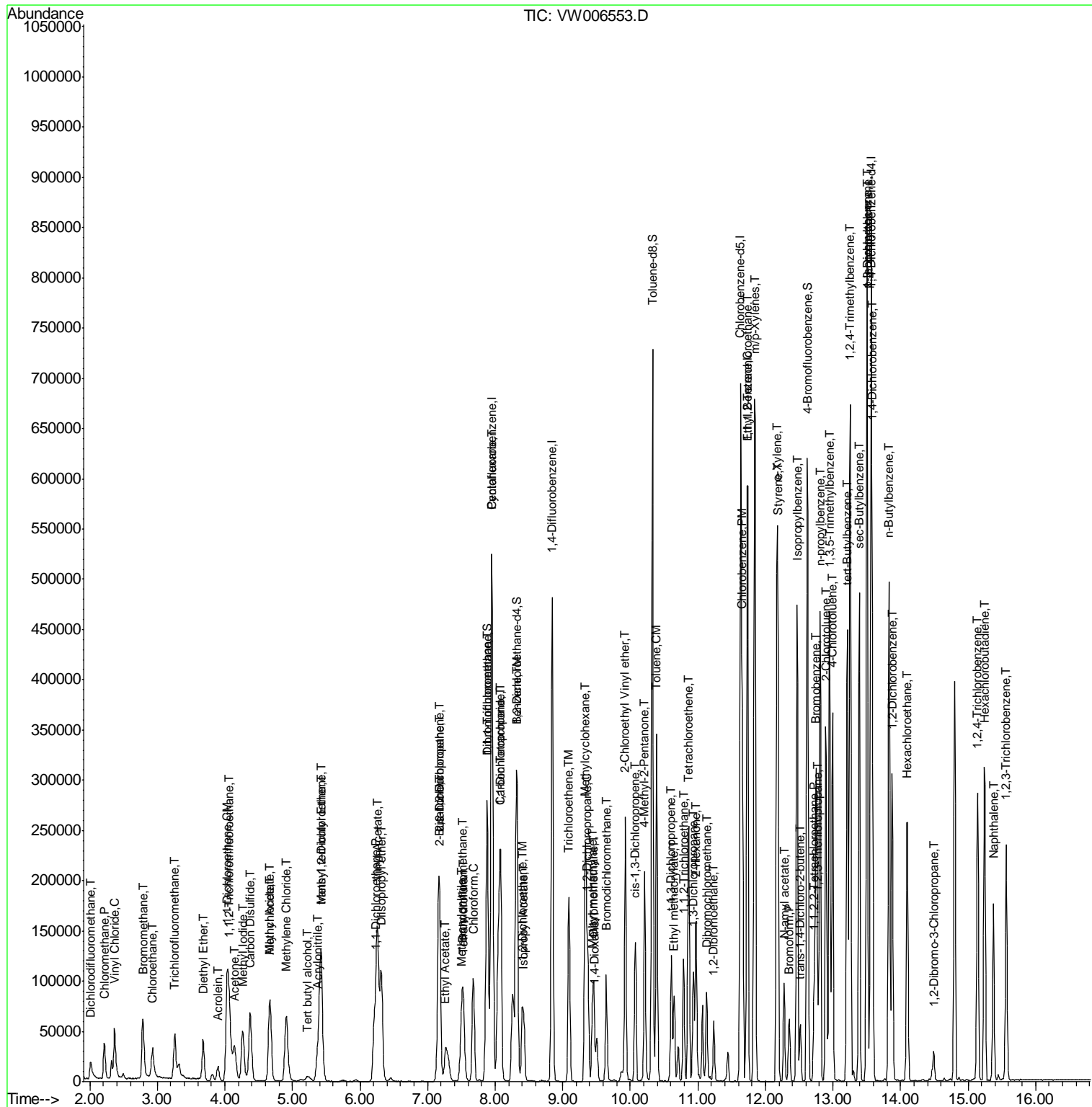
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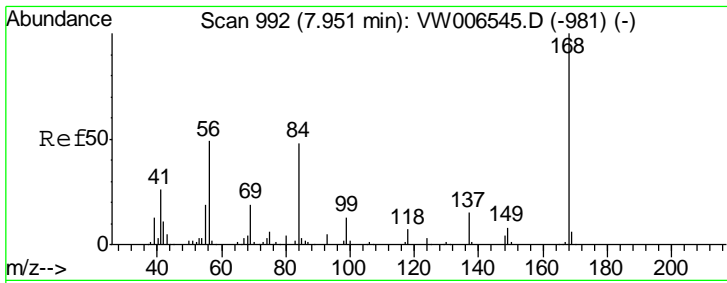
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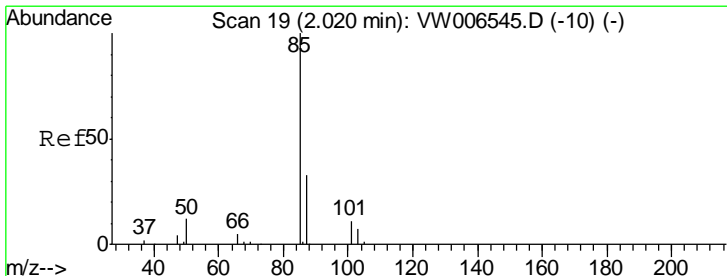
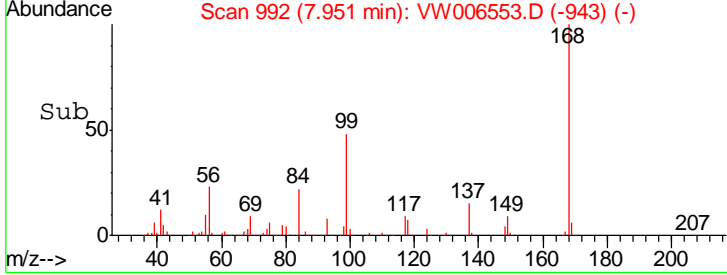
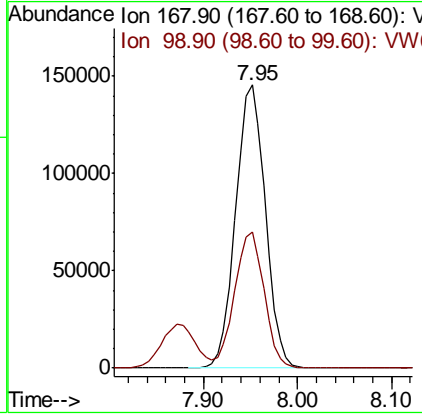
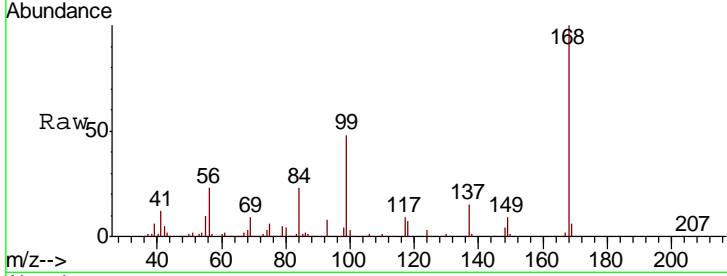
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
168	100		
99	48.0	37.4	56.0

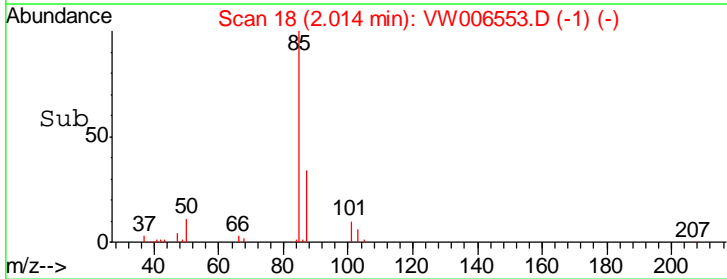
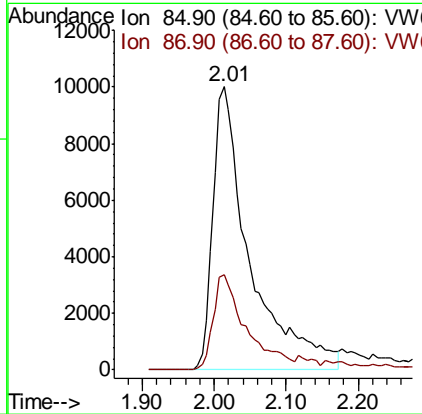
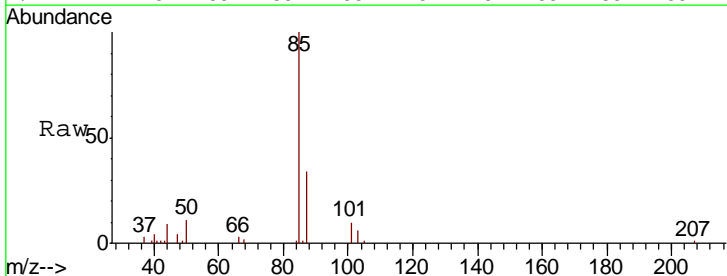
**Manual Integrations**  
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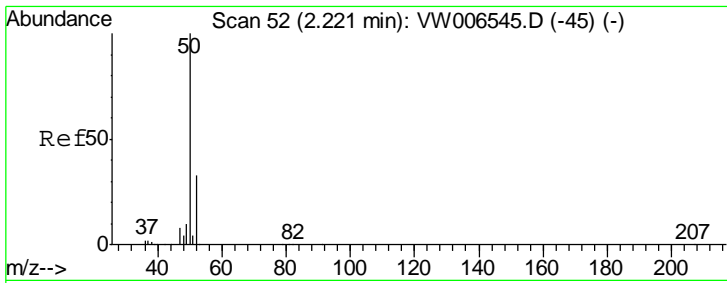
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#2  
 Dichlorodifluoromethane  
 Concen: 21.498 ug/l  
 RT: 2.01 min Scan# 18  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
85	100		
87	33.7	16.8	50.3





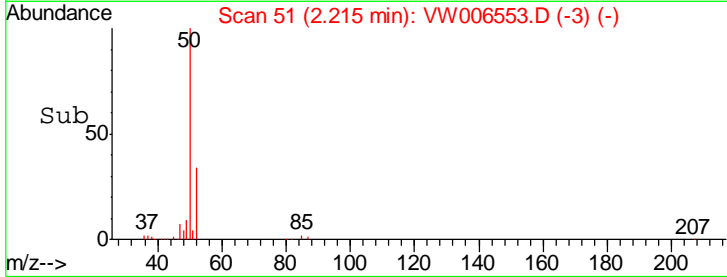
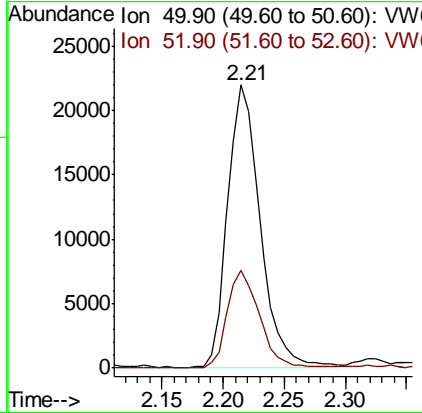
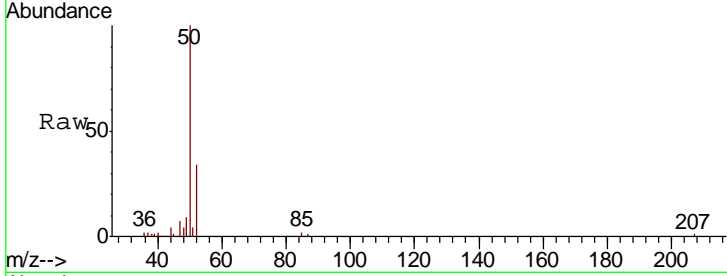
#3  
 Chloromethane  
 Concen: 19.856 ug/l  
 RT: 2.21 min Scan# 51  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
50	100		
52	34.4	26.2	39.4

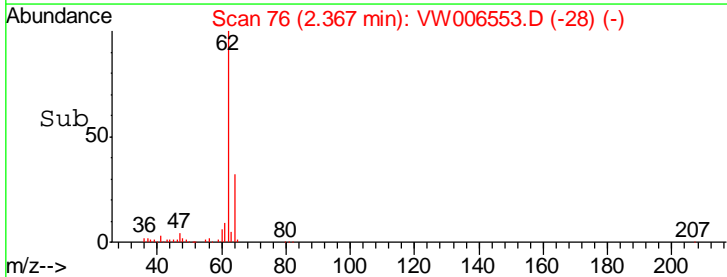
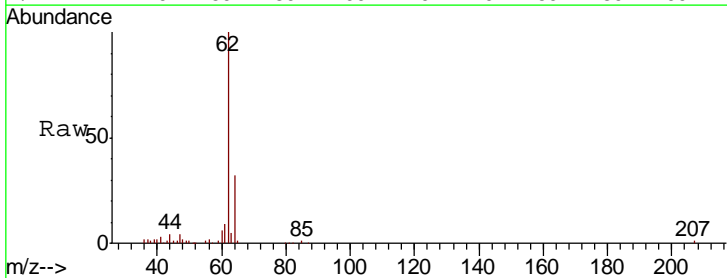
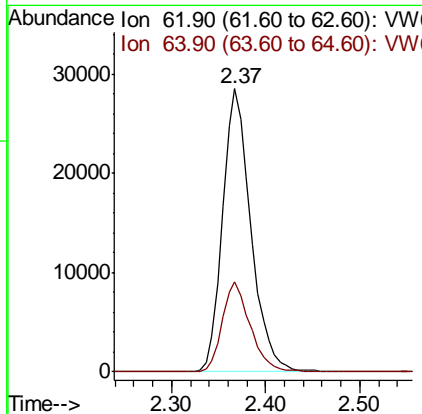
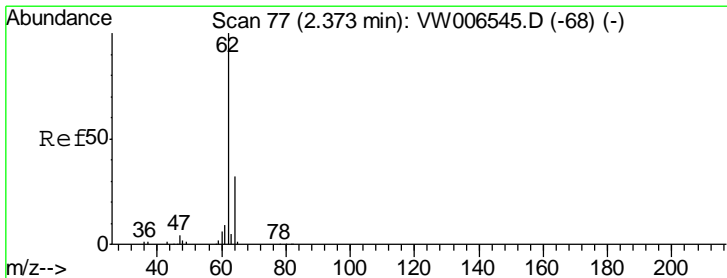
**Manual Integrations**  
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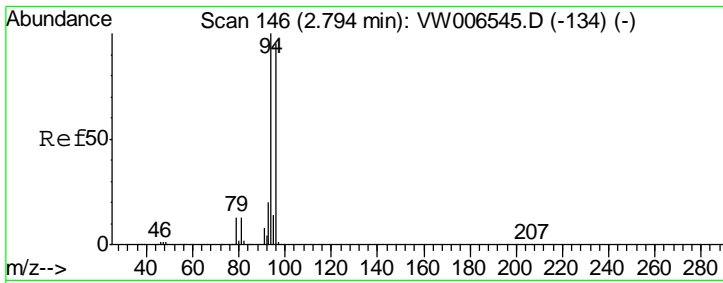
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#4  
 Vinyl Chloride  
 Concen: 20.749 ug/l  
 RT: 2.37 min Scan# 76  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
62	100		
64	31.8	25.4	38.0



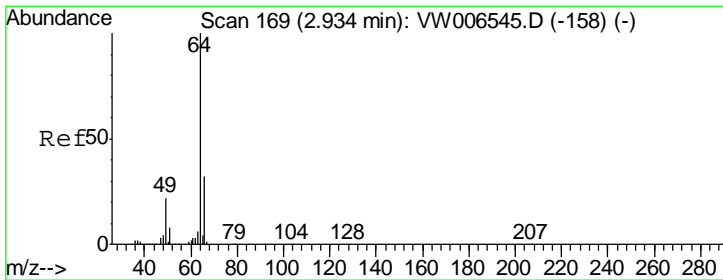
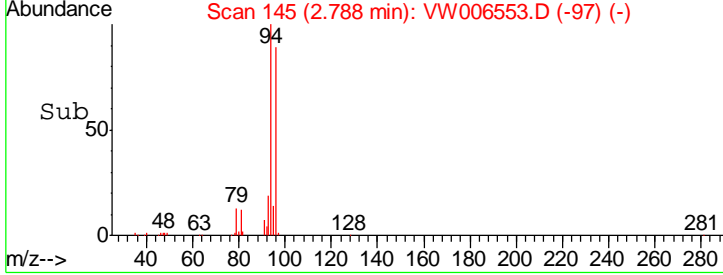
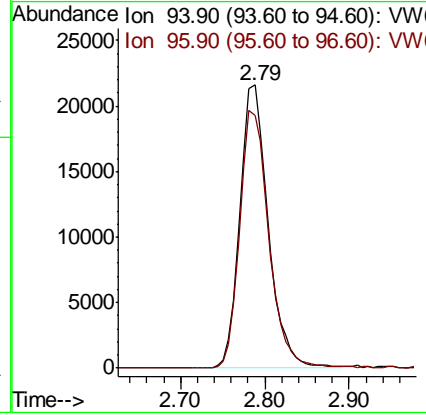
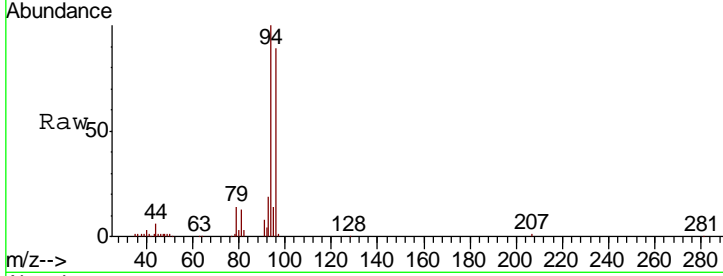


#5  
 Bromomethane  
 Concen: 20.362 ug/l  
 RT: 2.79 min Scan# 145  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

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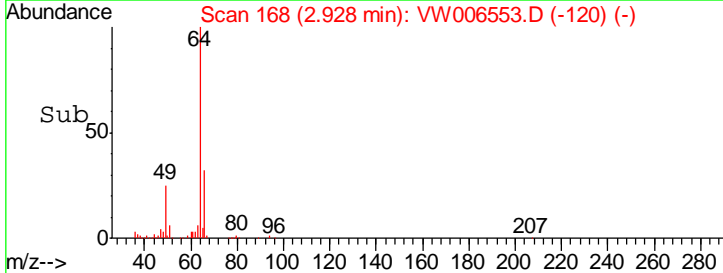
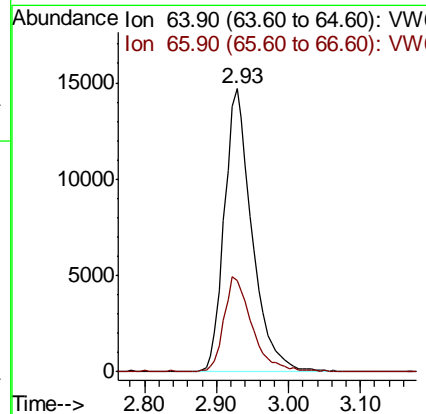
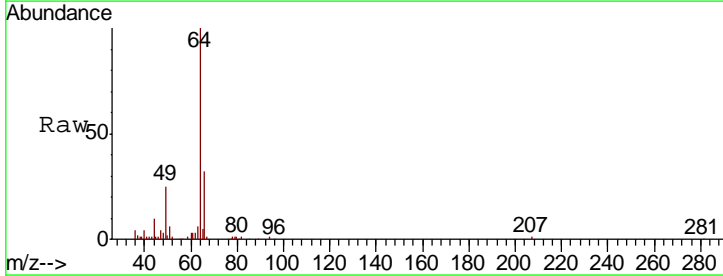
Tgt Ion	Resp	Lower	Upper
94	100		
96	89.1	75.7	113.5

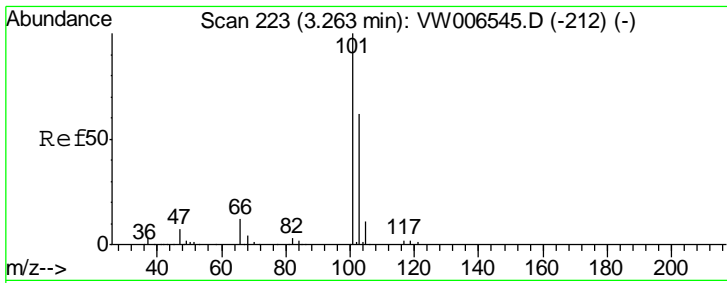
**Manual Integrations**  
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#6  
 Chloroethane  
 Concen: 19.632 ug/l  
 RT: 2.93 min Scan# 168  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
64	100		
66	32.3	25.9	38.9





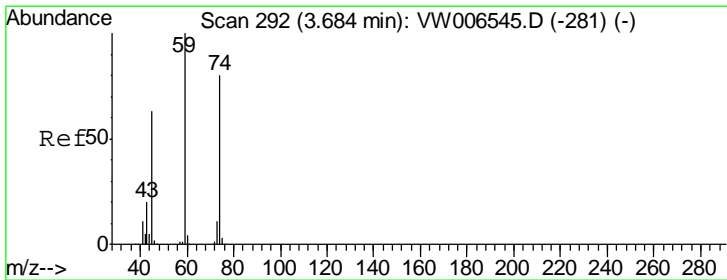
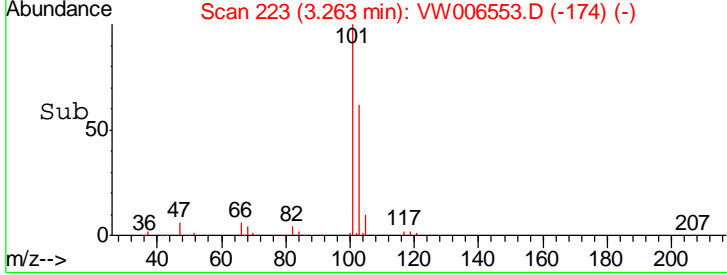
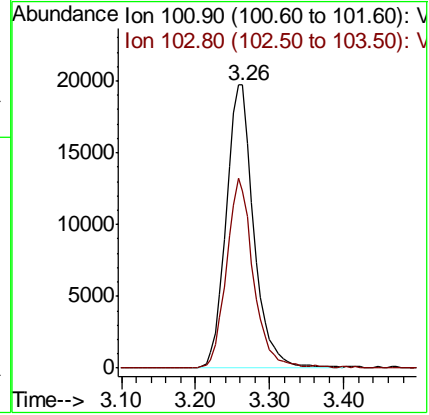
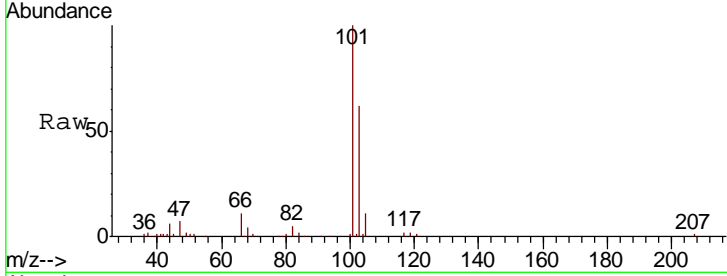
#7  
 Trichlorofluoromethane  
 Concen: 20.167 ug/l  
 RT: 3.26 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
101	100		
103	62.4	49.8	74.8

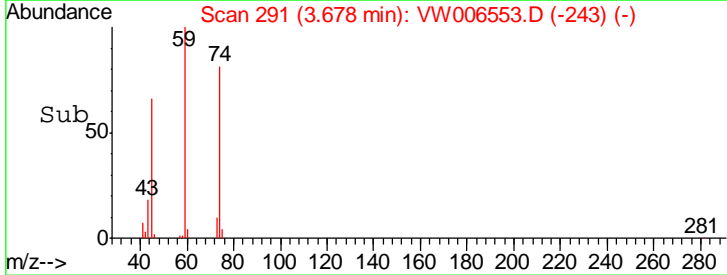
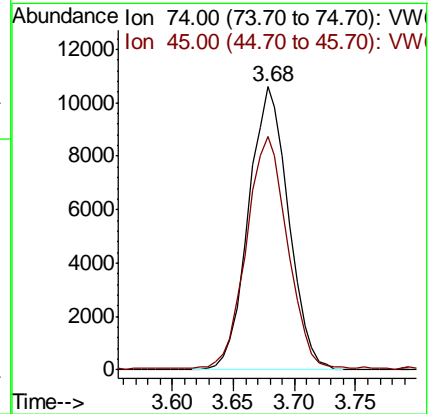
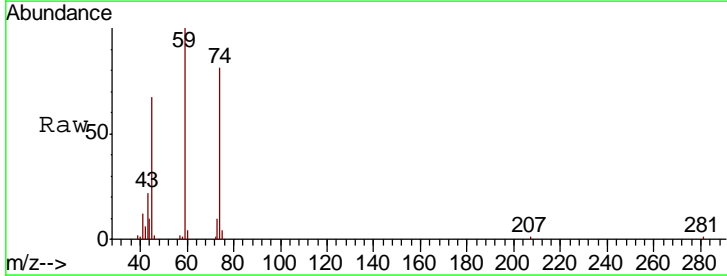
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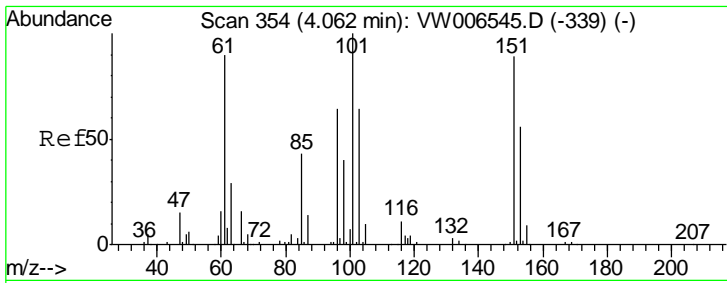


#8  
 Diethyl Ether  
 Concen: 17.396 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
74	100		
45	83.9	41.1	123.4

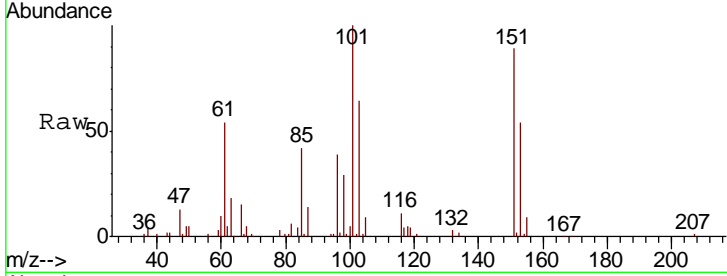






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.125 ug/l  
 RT: 4.06 min Scan# 354  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

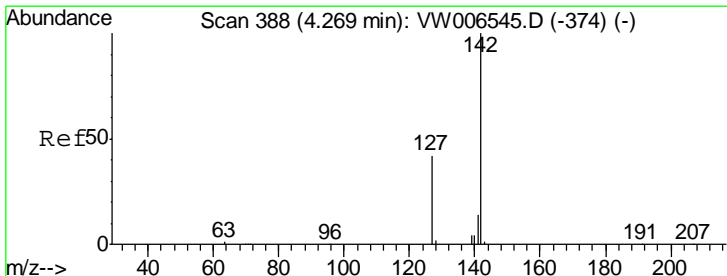
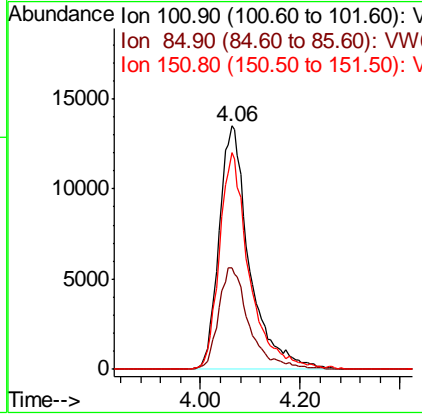
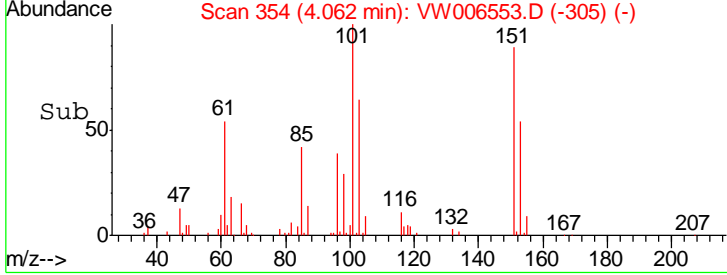
Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01



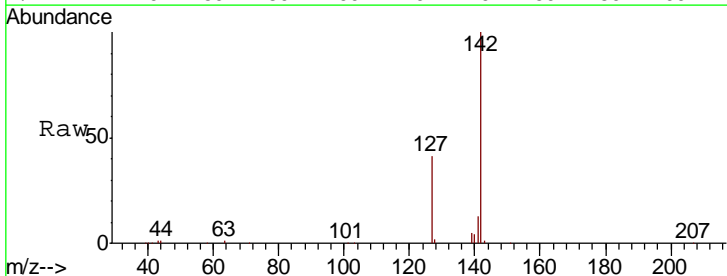
Tgt Ion: 101 Resp: 57077

Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.2	51.2
151	87.1	70.7	106.1

Manual Integrations  
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 apatel  
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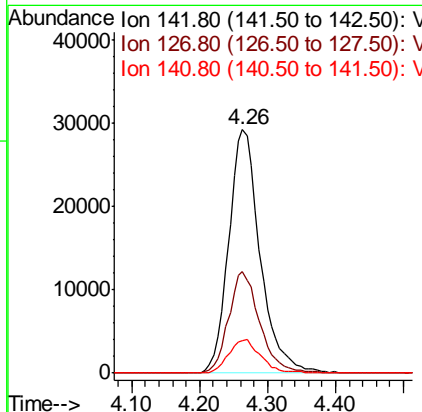
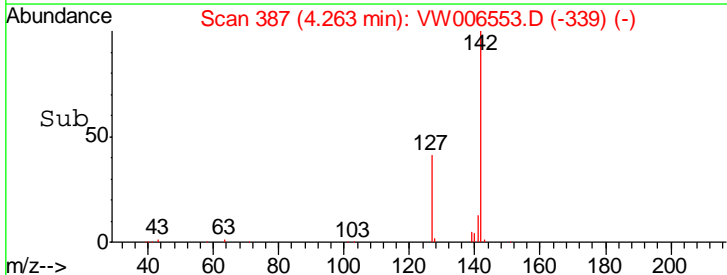


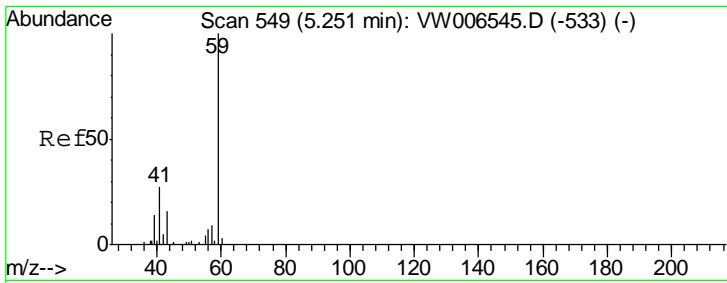
#10  
 Methyl Iodide  
 Concen: 19.063 ug/l  
 RT: 4.26 min Scan# 387  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39



Tgt Ion: 142 Resp: 93389

Ion	Ratio	Lower	Upper
142	100		
127	41.1	32.3	48.5
141	14.1	11.3	16.9





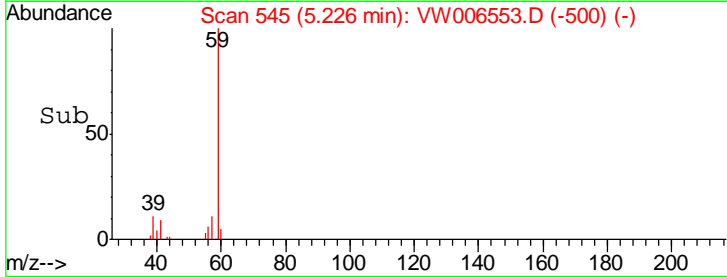
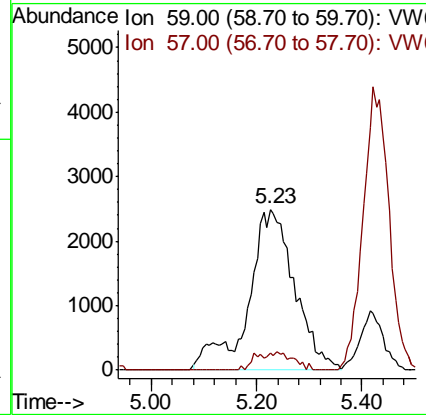
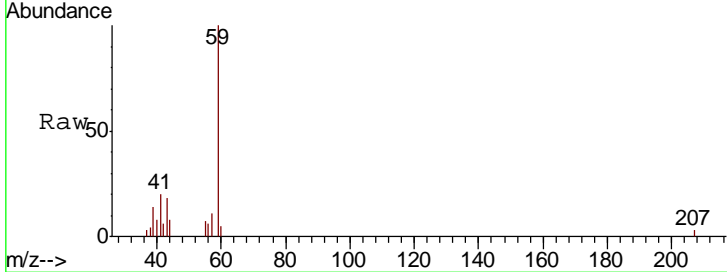
#11  
 Tert butyl alcohol  
 Concen: 101.557 ug/l m  
 RT: 5.23 min Scan# 545  
 Delta R.T. -0.02 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
59	15048		
57	0.0	4.3	6.5#

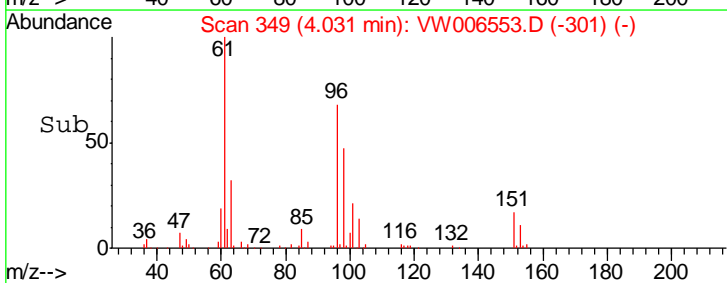
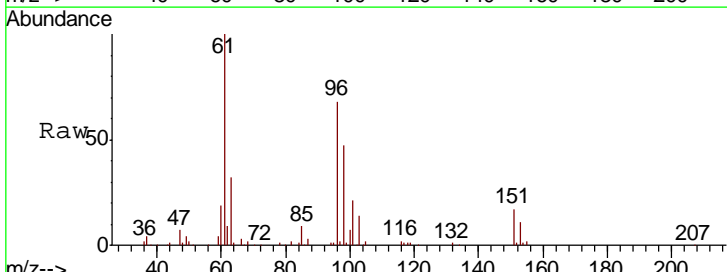
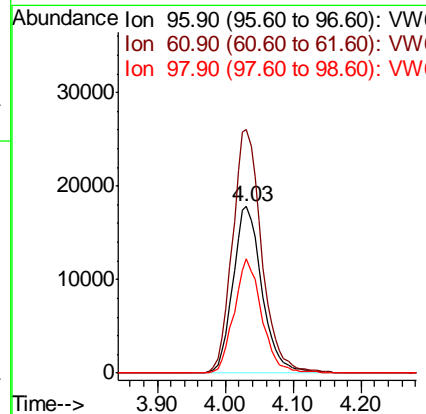
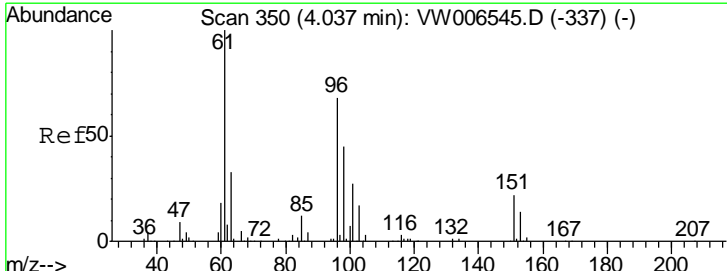
Manual Integrations  
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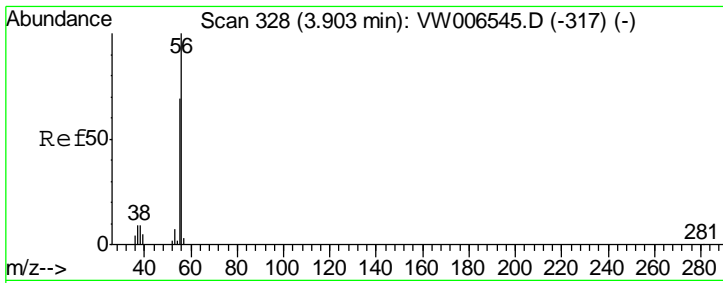
apatel  
 11/2/2018 3:20:53 PM



#12  
 1,1-Dichloroethene  
 Concen: 20.247 ug/l  
 RT: 4.03 min Scan# 349  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
96	52836		
61	146.0	117.0	175.4
98	68.2	52.5	78.7





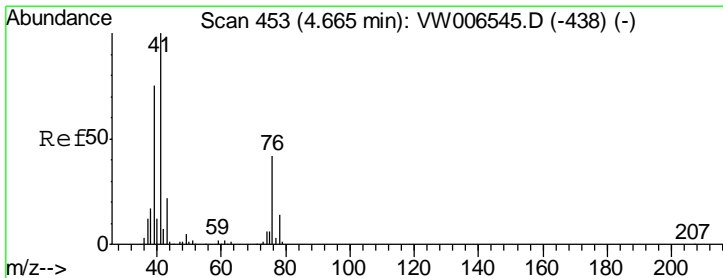
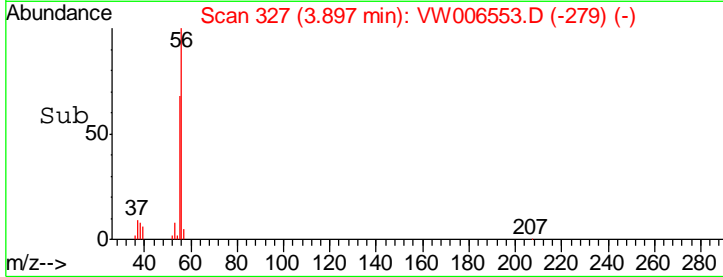
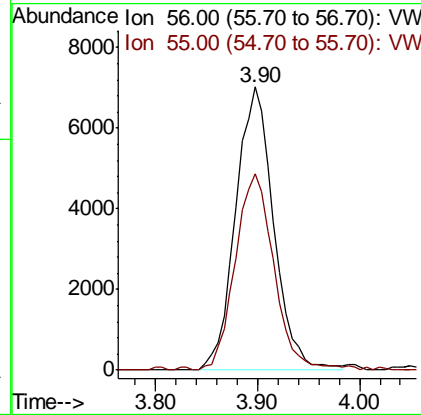
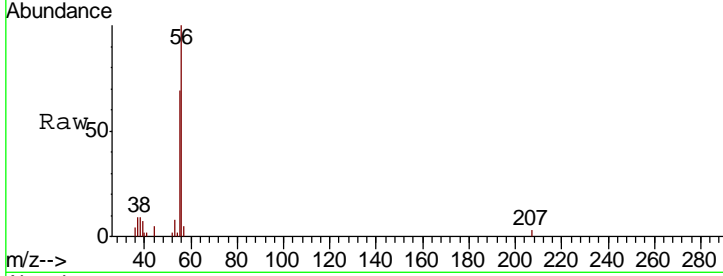
#13  
 Acrolein  
 Concen: 97.317 ug/l  
 RT: 3.90 min Scan# 327  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
56	18136		
55	70.8	56.9	85.3

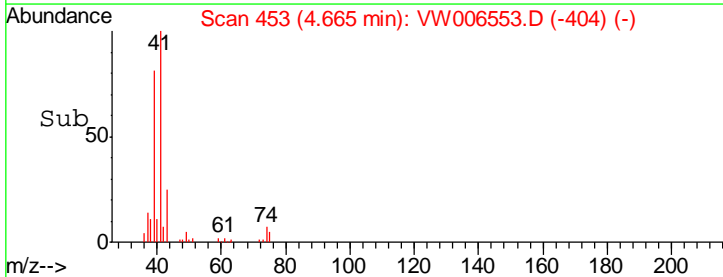
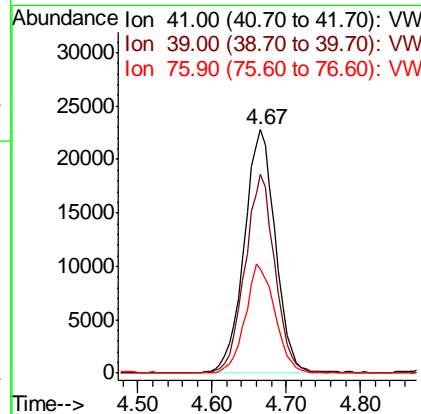
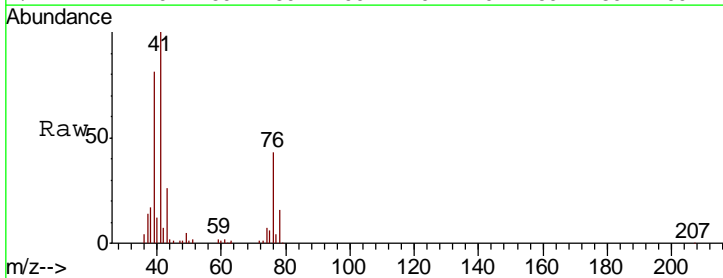
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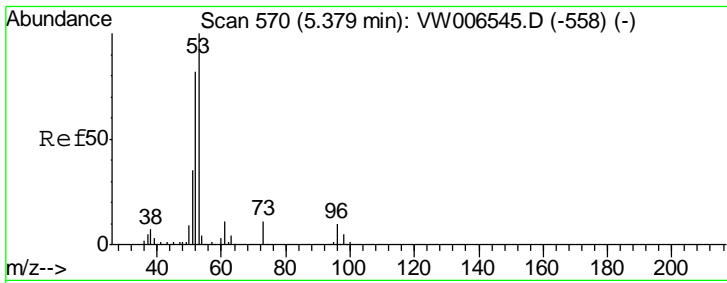
apatel  
 11/2/2018 3:20:53 PM



#14  
 Allyl chloride  
 Concen: 19.674 ug/l  
 RT: 4.67 min Scan# 453  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
41	67017		
39	78.3	62.1	93.1
76	42.4	34.2	51.2



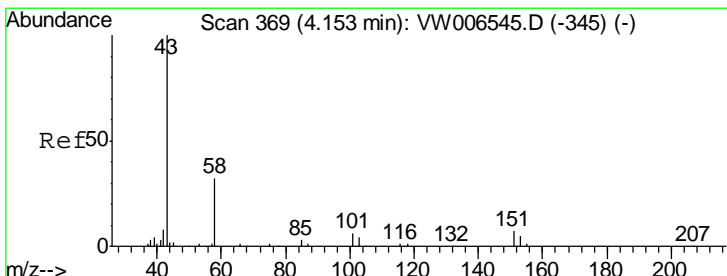
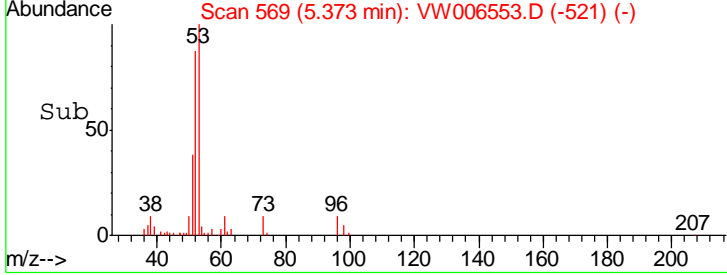
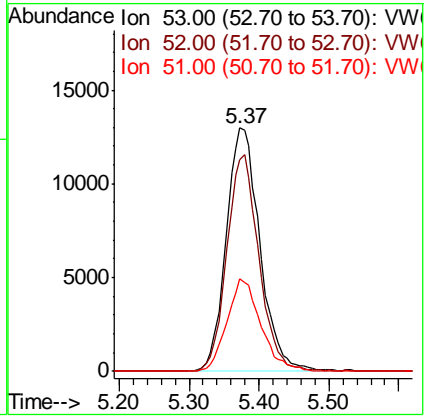
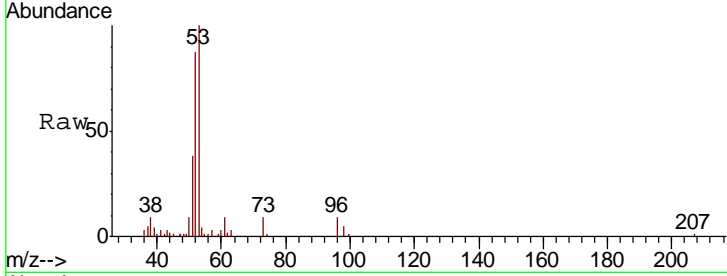


#15  
 Acrylonitrile  
 Concen: 87.644 ug/l  
 RT: 5.37 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

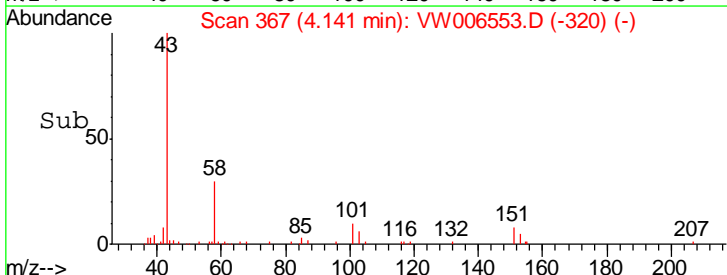
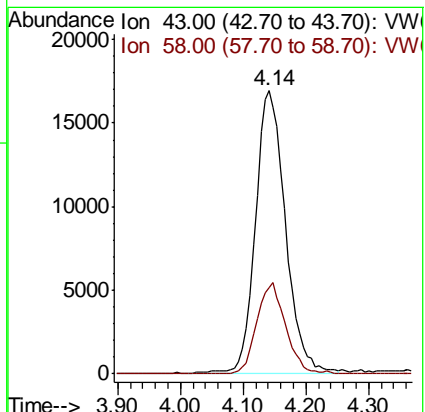
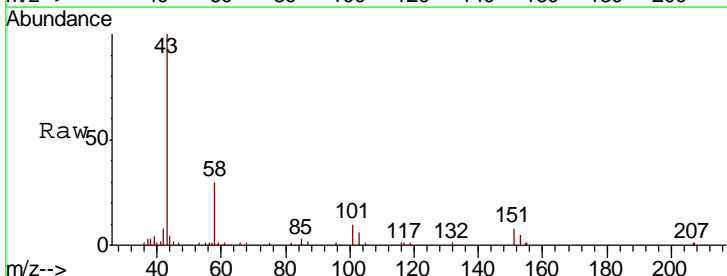
Tgt Ion	Resp	Lower	Upper
53	100		
52	84.8	65.8	98.8
51	38.0	29.6	44.4

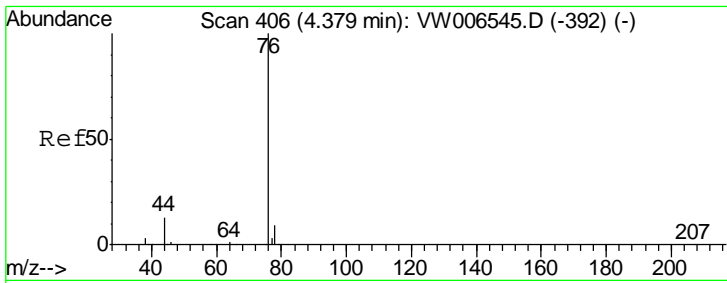
**Manual Integrations**  
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 apatel  
 11/2/2018 3:20:53 PM



#16  
 Acetone  
 Concen: 127.007 ug/l  
 RT: 4.14 min Scan# 367  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
43	100		
58	30.3	25.8	38.8





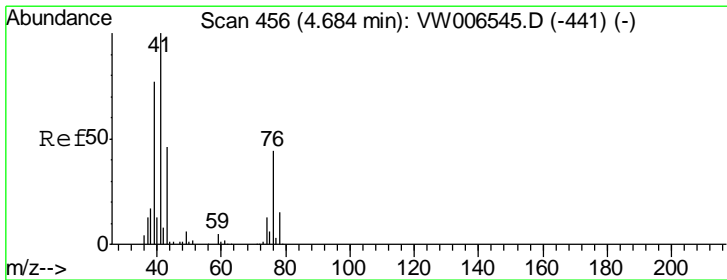
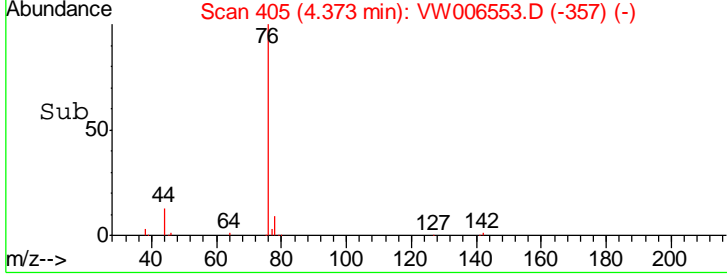
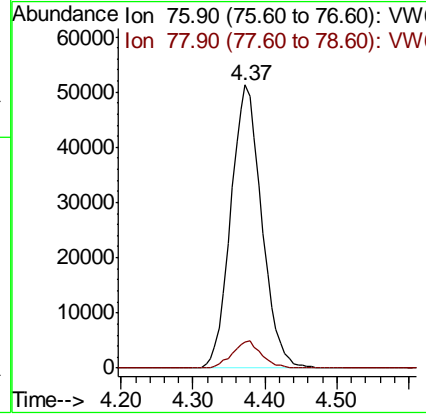
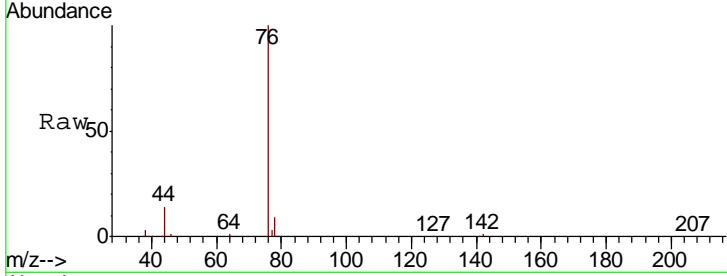
#17  
 Carbon Disulfide  
 Concen: 20.539 ug/l  
 RT: 4.37 min Scan# 405  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
76	152522		
76	100		
78	9.2	7.3	10.9

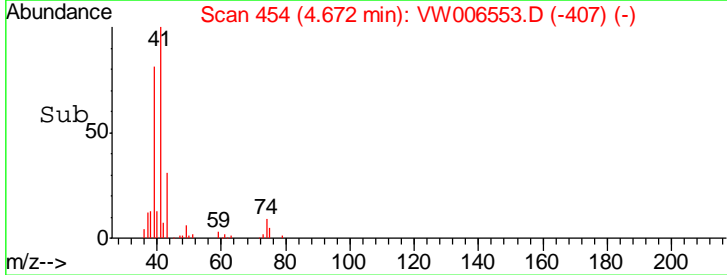
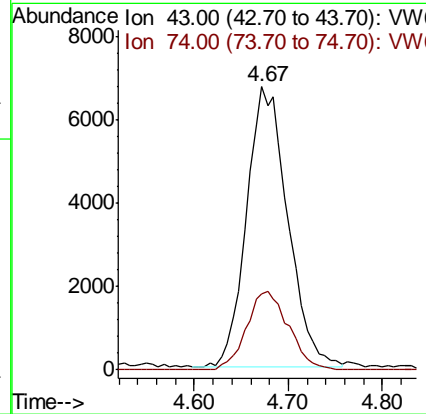
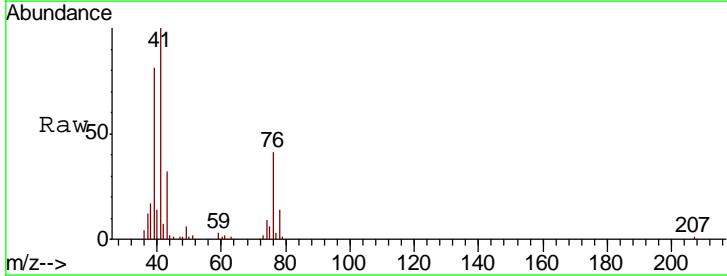
**Manual Integrations**  
**APPROVED**

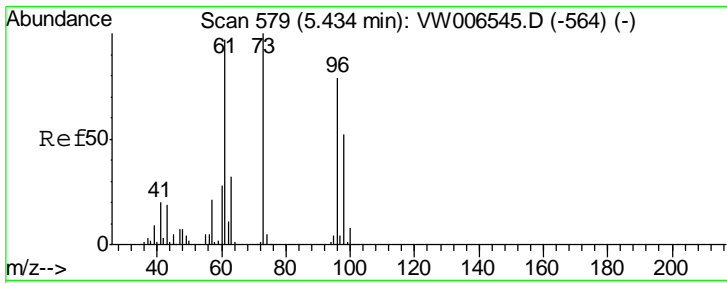
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#18  
 Methyl Acetate  
 Concen: 16.187 ug/l  
 RT: 4.67 min Scan# 454  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
43	20666		
43	100		
74	28.4	21.9	32.9



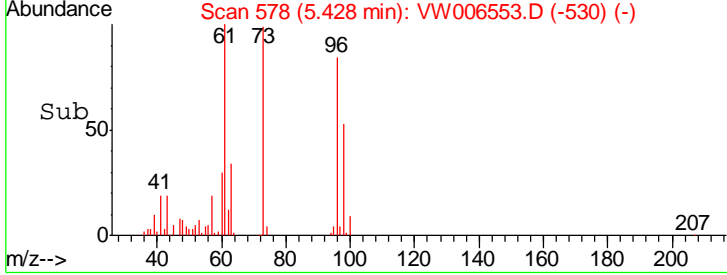
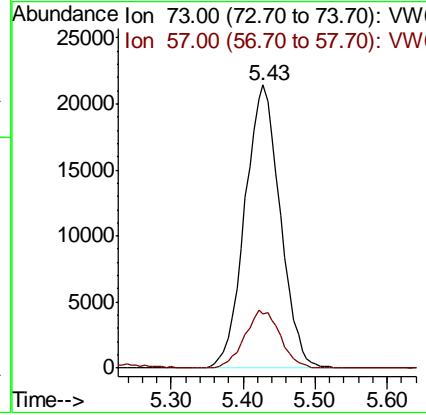
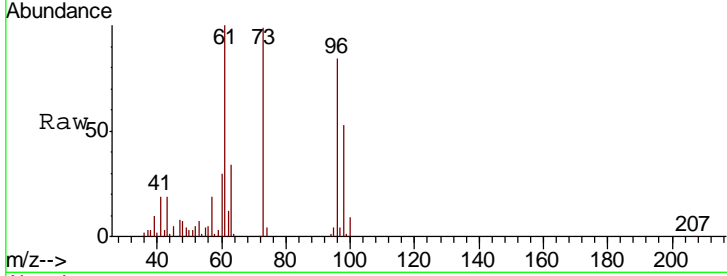


#19  
 Methyl tert-butyl Ether  
 Concen: 18.763 ug/l  
 RT: 5.43 min Scan# 578  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.0	16.7	25.1

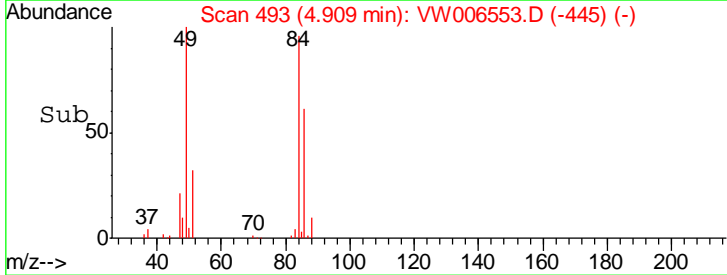
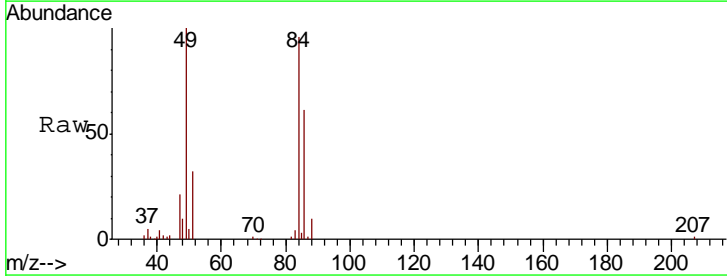
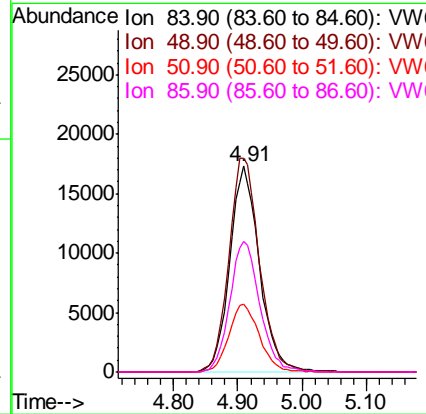
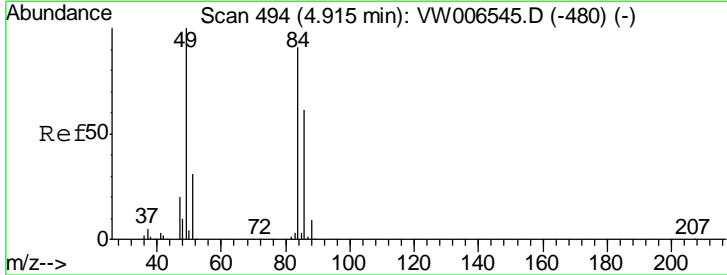
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

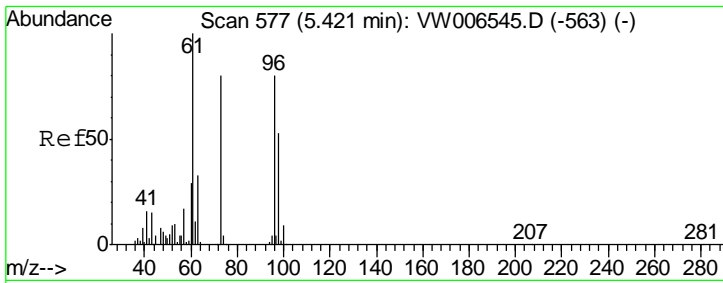
**Manual Integrations**  
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#20  
 Methylene Chloride  
 Concen: 15.204 ug/l  
 RT: 4.91 min Scan# 493  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.7	88.2	132.4
51	32.9	27.0	40.6
86	63.7	53.8	80.8





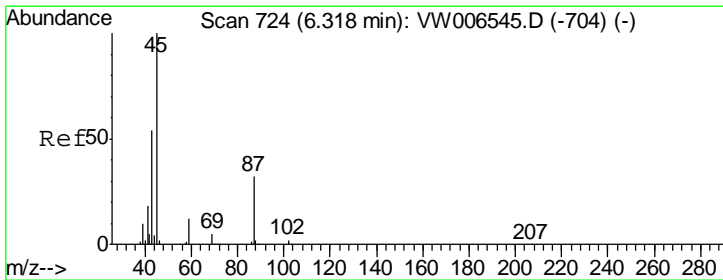
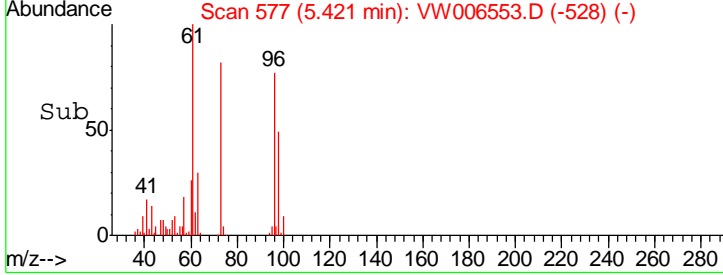
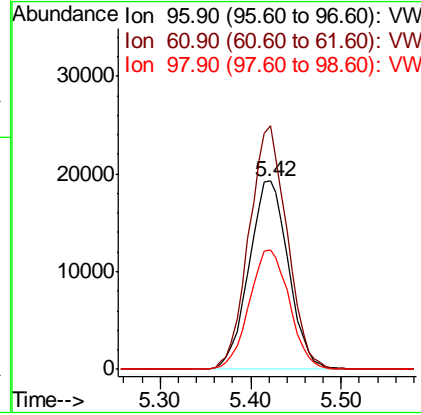
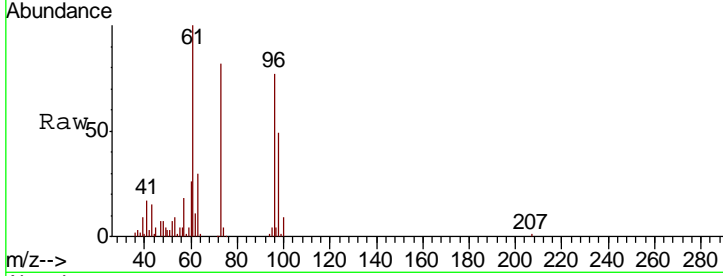
#21  
 trans-1,2-Dichloroethene  
 Concen: 19.645 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
96	58010		
96	100		
61	129.1	100.6	150.8
98	63.4	52.9	79.3

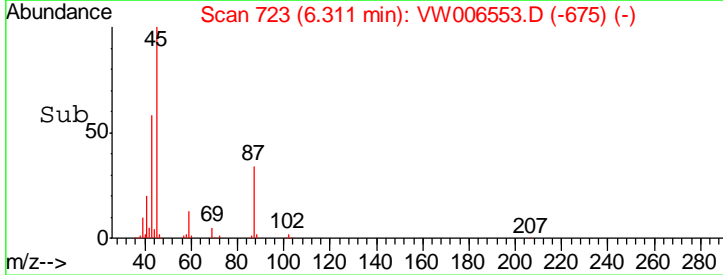
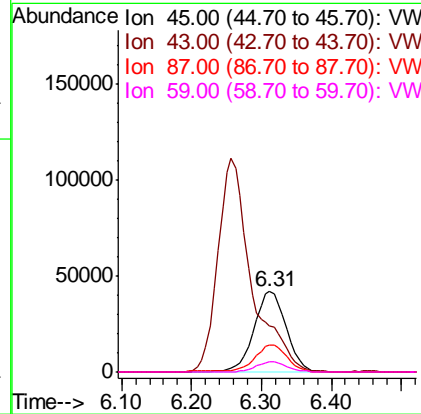
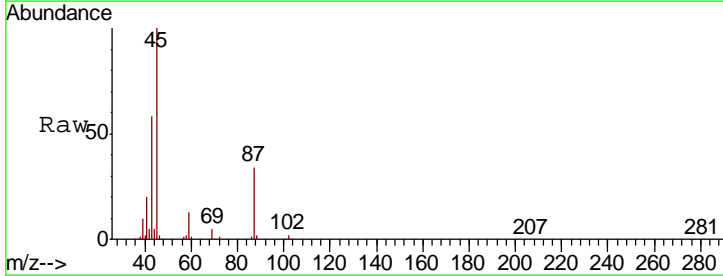
**Manual Integrations**  
**APPROVED**

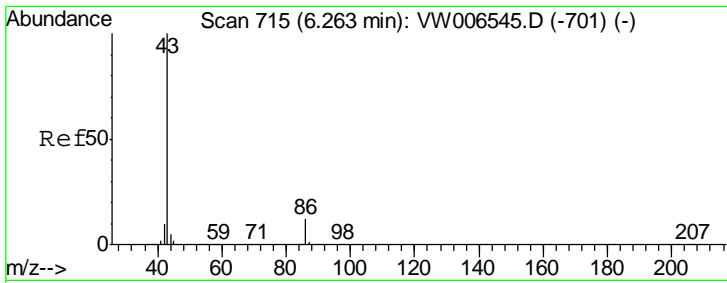
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 11/2/2018 3:20:53 PM



#22  
 Diisopropyl ether  
 Concen: 18.873 ug/l  
 RT: 6.31 min Scan# 723  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
45	134026		
45	100		
43	56.9	43.6	65.4
87	34.3	26.3	39.5
59	13.0	9.8	14.8





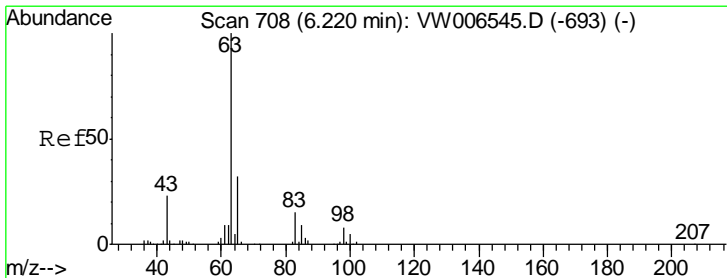
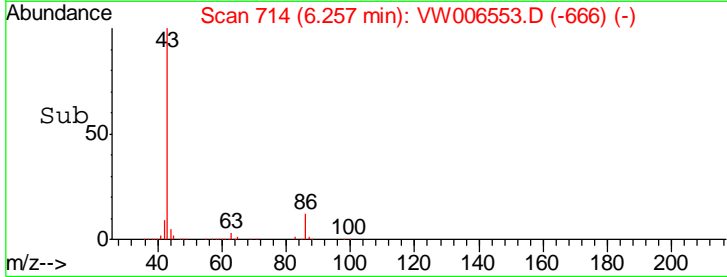
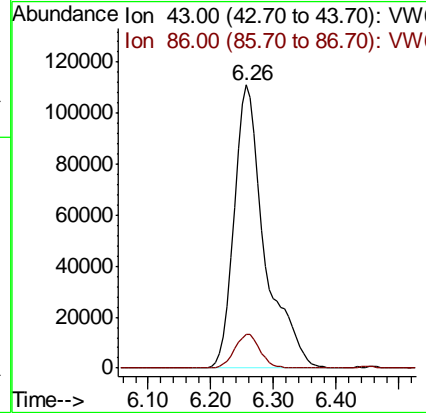
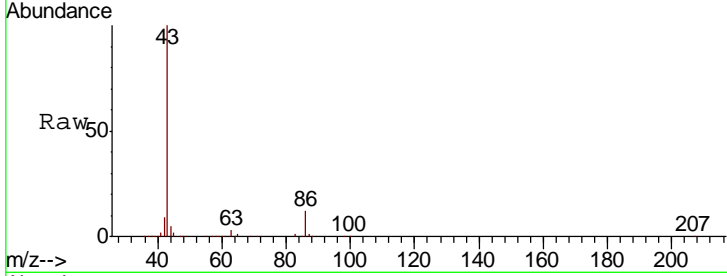
#23  
 Vinyl Acetate  
 Concen: 94.864 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
43	100		
86	11.8	9.8	14.8

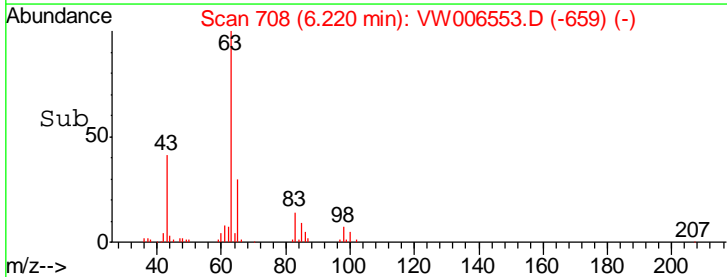
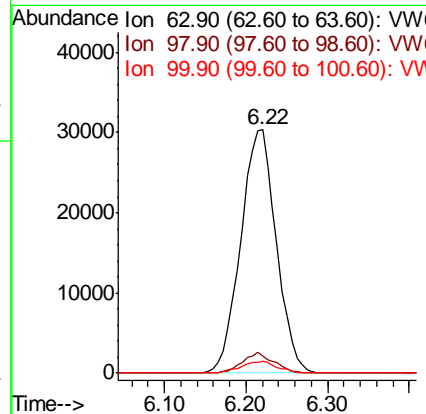
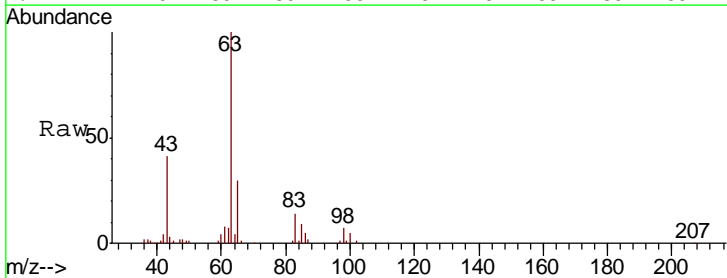
**Manual Integrations**  
**APPROVED**

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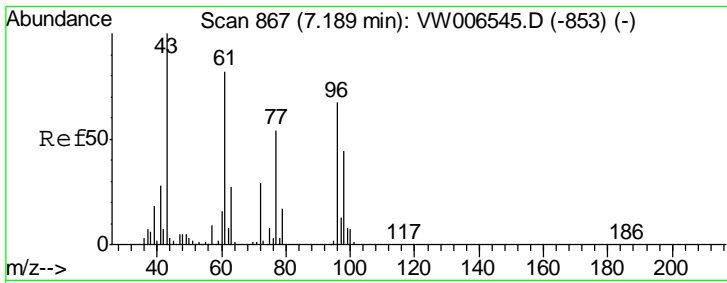


#24  
 1,1-Dichloroethane  
 Concen: 19.041 ug/l  
 RT: 6.22 min Scan# 708  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
63	100		
98	7.0	3.8	11.4
100	4.8	2.4	7.2





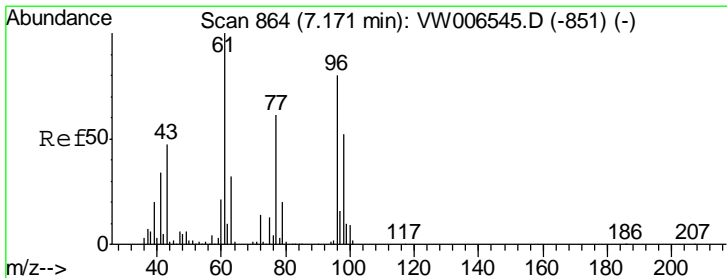
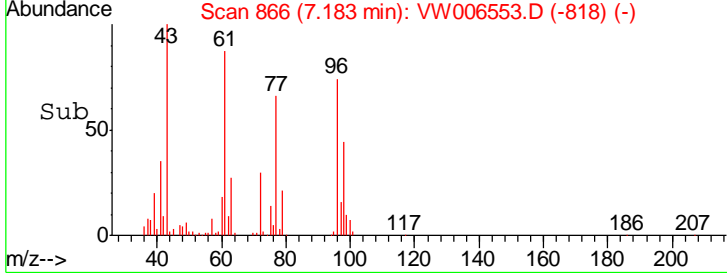
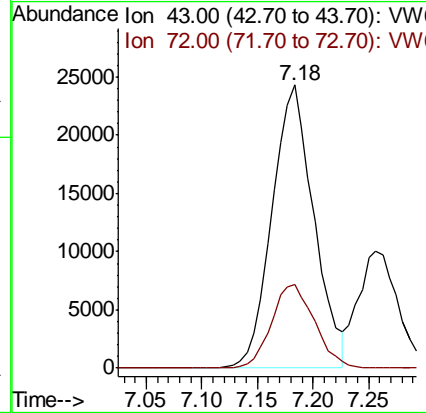
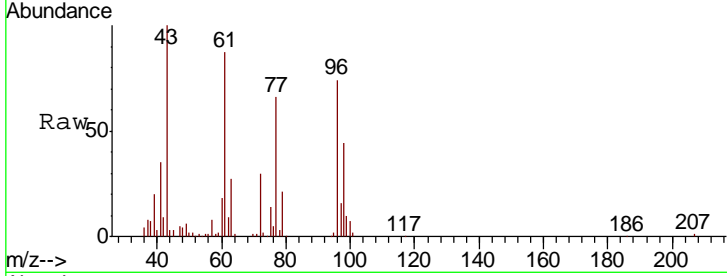


#25  
 2-Butanone  
 Concen: 100.346 ug/l  
 RT: 7.18 min Scan# 866  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

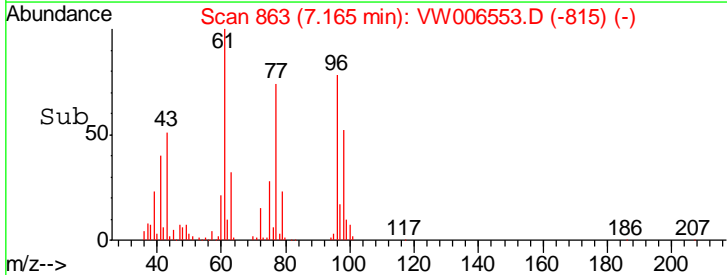
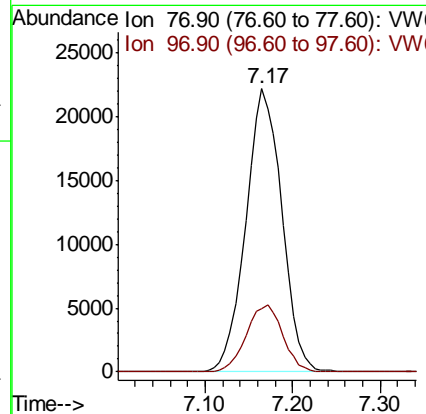
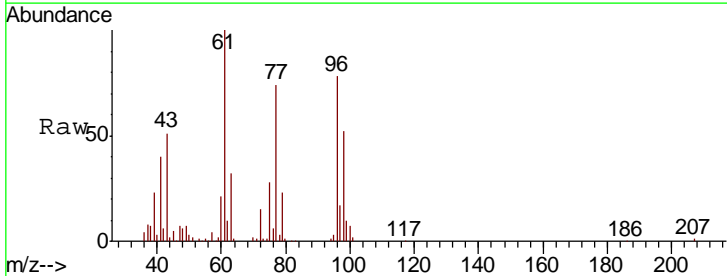
Tgt Ion: 43 Resp: 63576  
 Ion Ratio Lower Upper  
 43 100  
 72 29.7 23.2 34.8

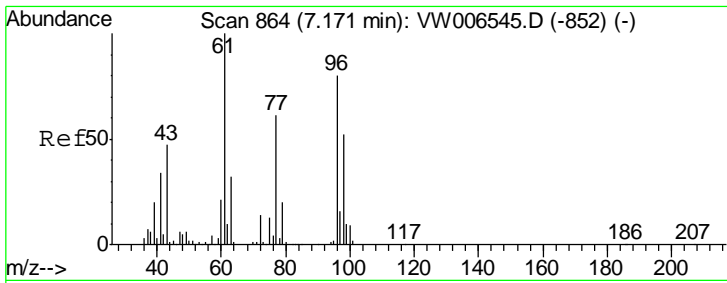
Manual Integrations APPROVED  
 apatel  
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#26  
 2,2-Dichloropropane  
 Concen: 21.925 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion: 77 Resp: 63564  
 Ion Ratio Lower Upper  
 77 100  
 97 23.9 12.8 38.4





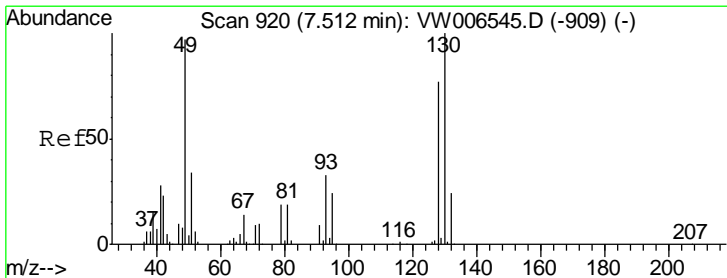
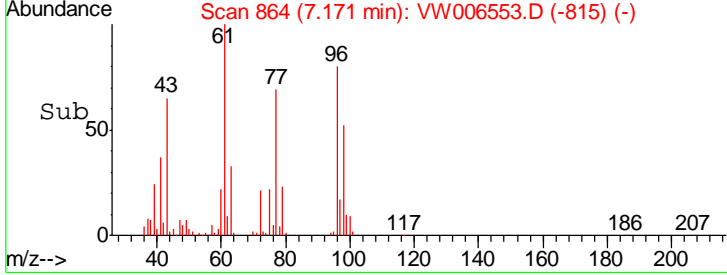
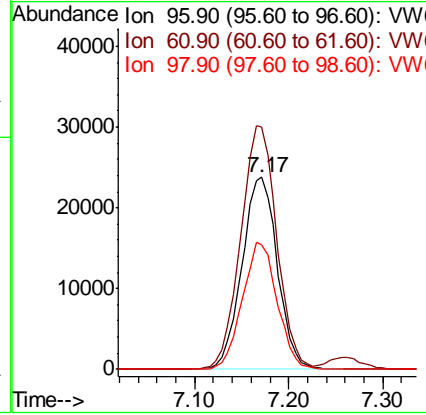
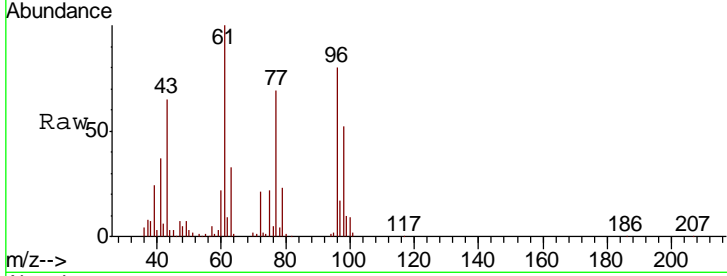
#27  
 cis-1,2-Dichloroethene  
 Concen: 18.952 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
96	62609		
96	100		
61	128.7	0.0	254.2
98	64.8	0.0	129.6

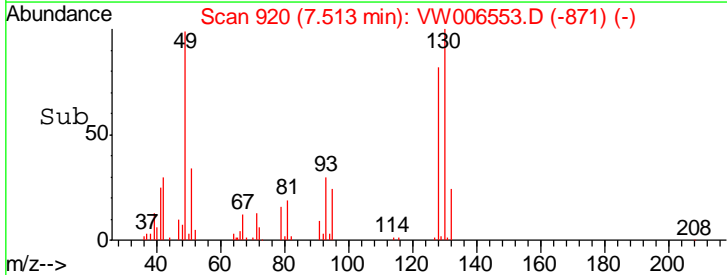
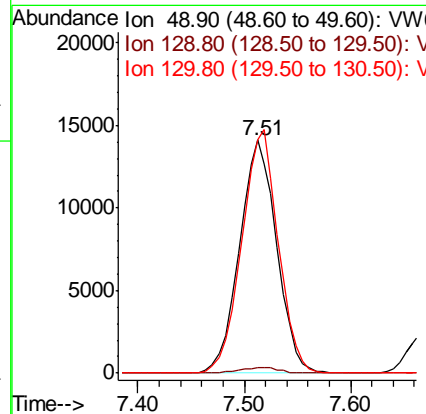
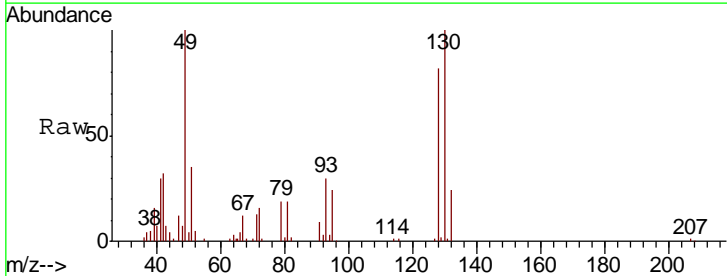
**Manual Integrations**  
**APPROVED**

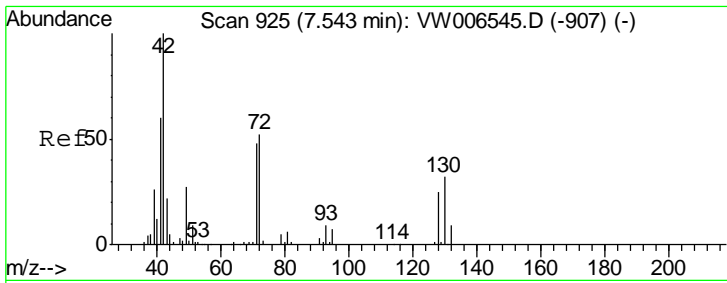
apatel  
 11/2/2018 3:20:53 PM



#28  
 Bromochloromethane  
 Concen: 18.040 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
49	34476		
49	100		
129	2.4	0.0	5.6
130	102.4	82.2	123.2





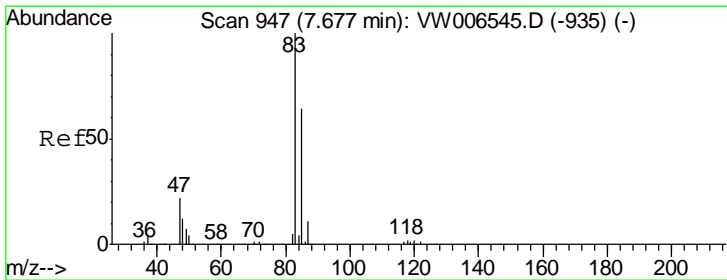
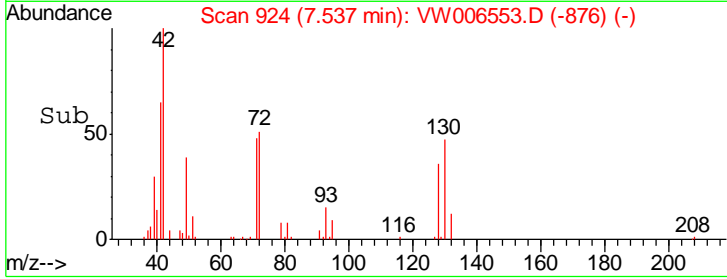
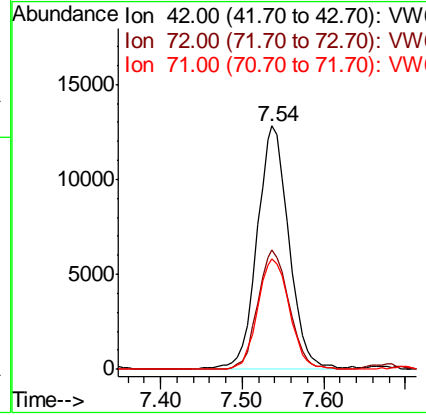
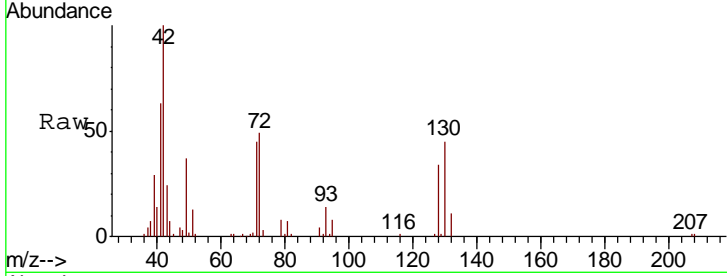
#29  
 Tetrahydrofuran  
 Concen: 87.523 ug/l  
 RT: 7.54 min Scan# 924  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
42	100		
72	48.2	39.2	58.8
71	45.3	37.6	56.4

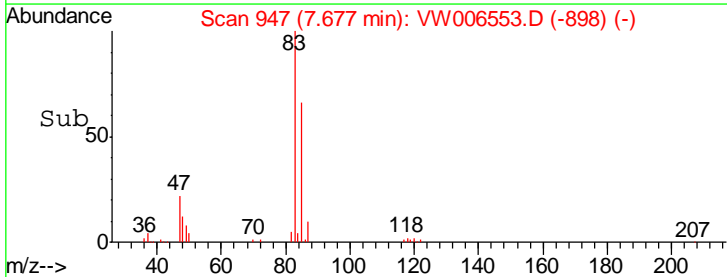
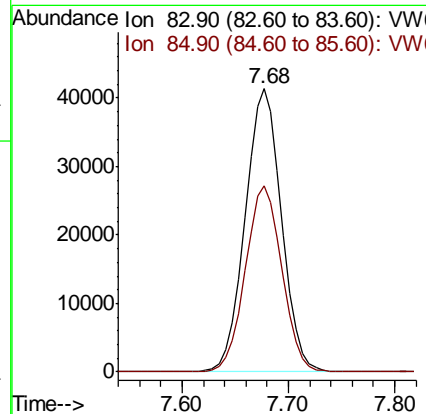
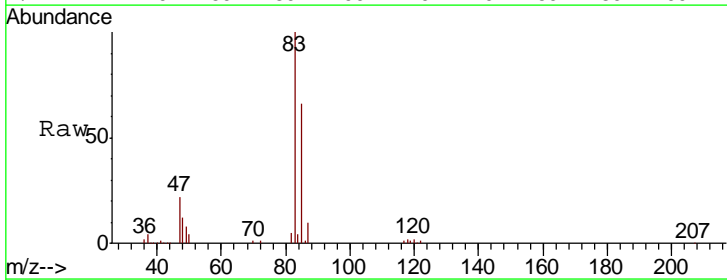
Manual Integrations  
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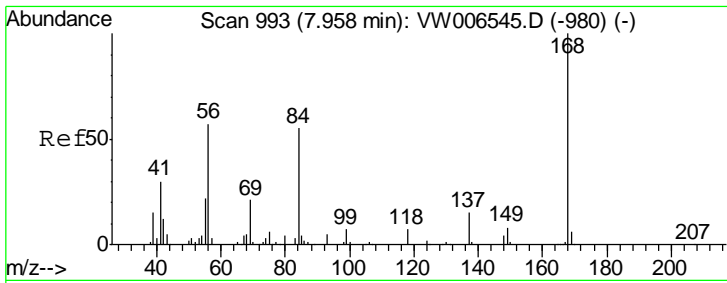
apatel  
 11/2/2018 3:20:53 PM



#30  
 Chloroform  
 Concen: 18.693 ug/l  
 RT: 7.68 min Scan# 947  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
83	100		
85	65.6	51.3	76.9





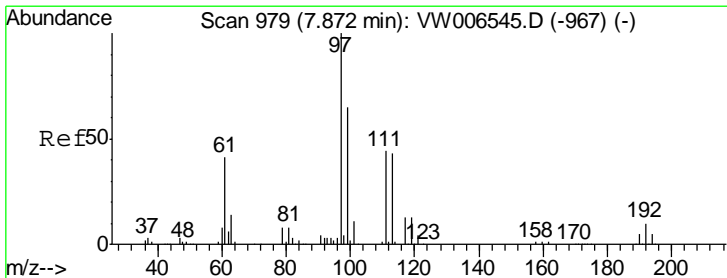
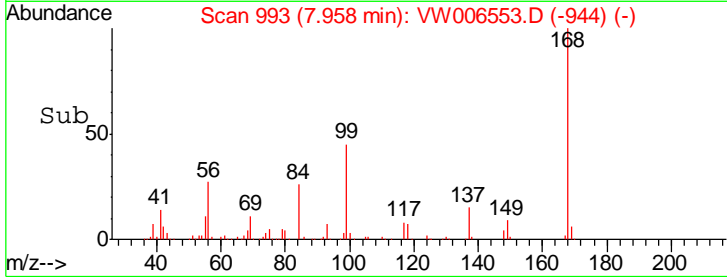
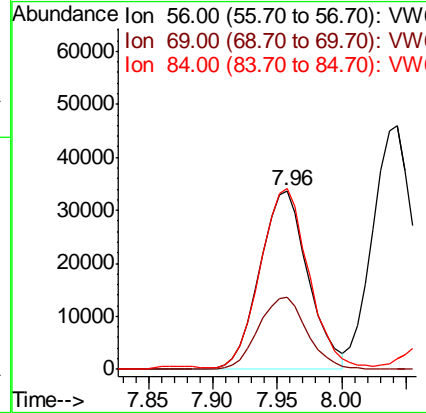
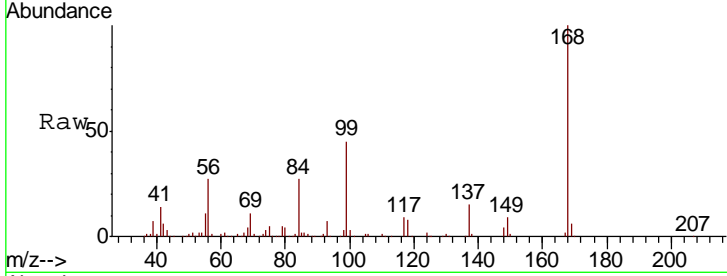
#31  
 Cyclohexane  
 Concen: 20.034 ug/l  
 RT: 7.96 min Scan# 993  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
56	100		
69	40.2	29.0	43.4
84	99.9	77.8	116.6

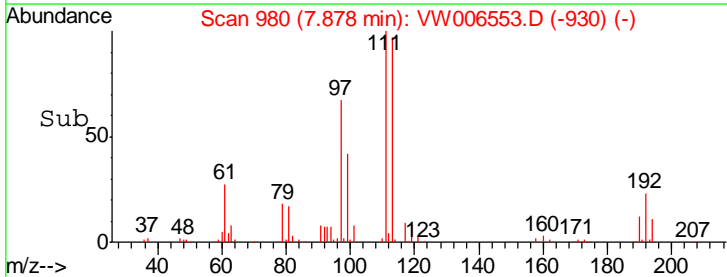
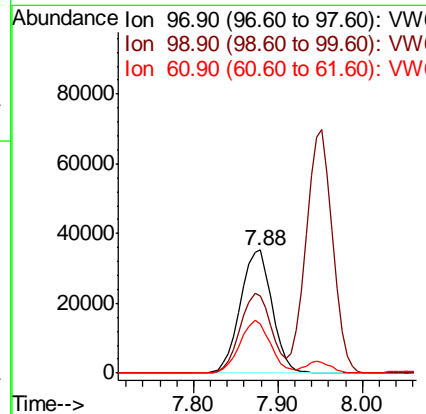
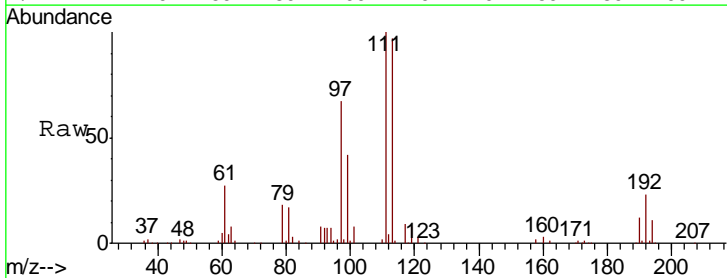
Manual Integrations  
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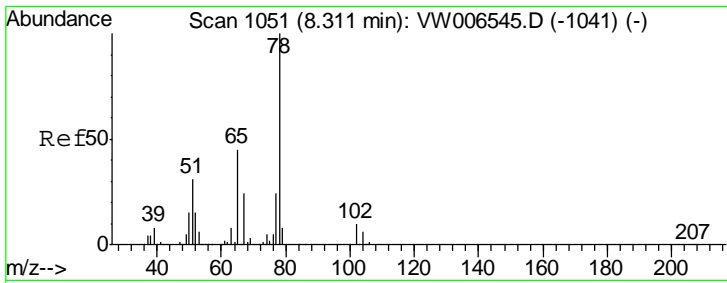
apatel  
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#32  
 1,1,1-Trichloroethane  
 Concen: 20.140 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. 0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	41.4	32.9	49.3



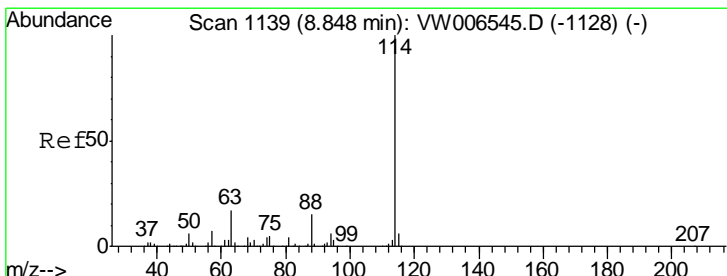
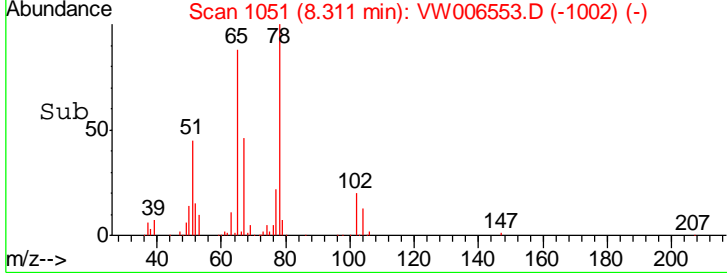
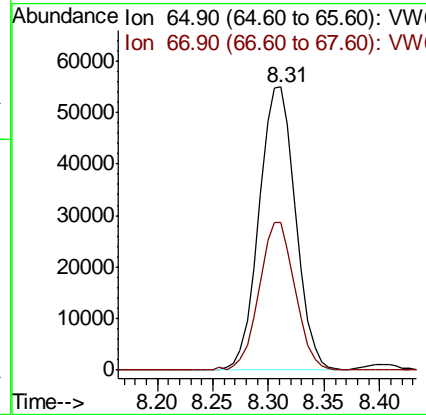
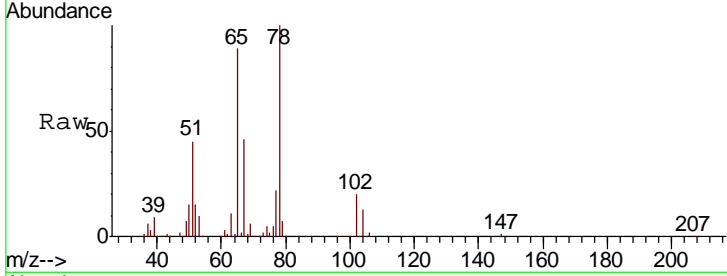


#33  
 1,2-Dichloroethane-d4  
 Concen: 45.553 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

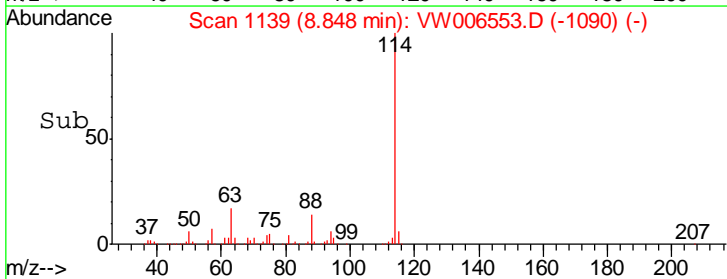
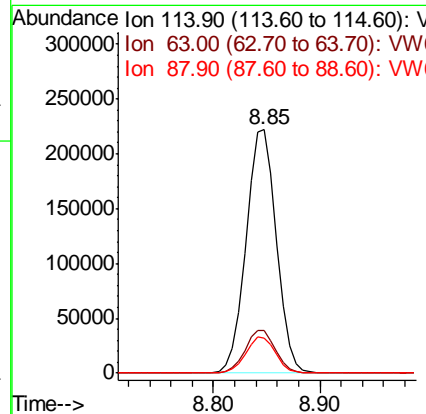
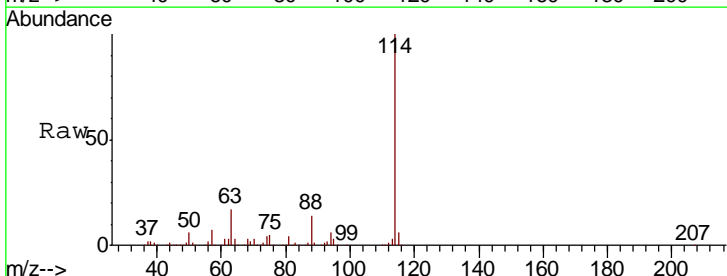
Tgt Ion	Resp	Lower	Upper
65	100		
67	51.3	0.0	104.4

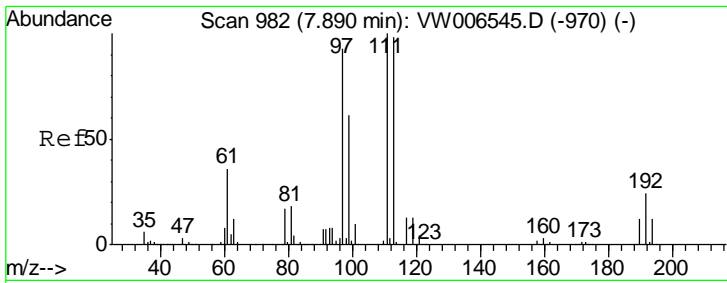
Manual Integrations  
**APPROVED**  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
114	100		
63	17.4	0.0	34.4
88	14.5	0.0	29.0





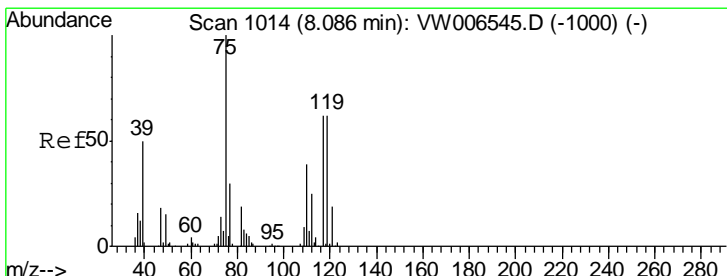
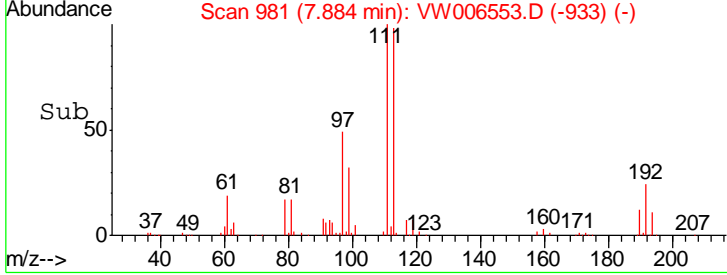
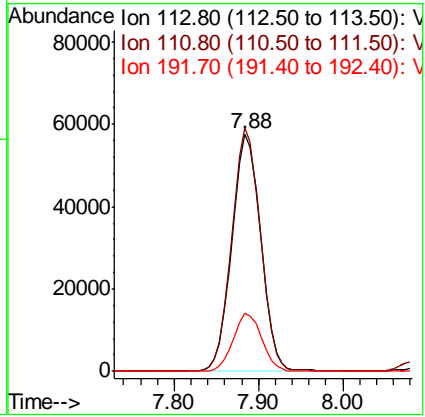
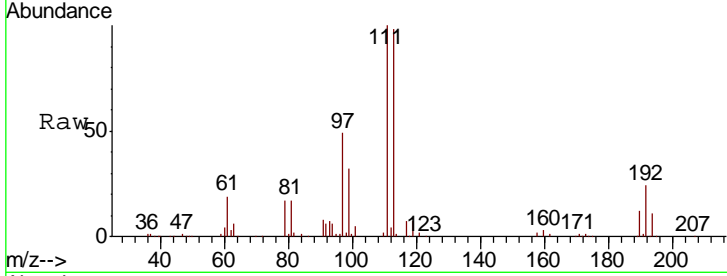
#35  
 Dibromofluoromethane  
 Concen: 48.065 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	24.1	19.0	28.6

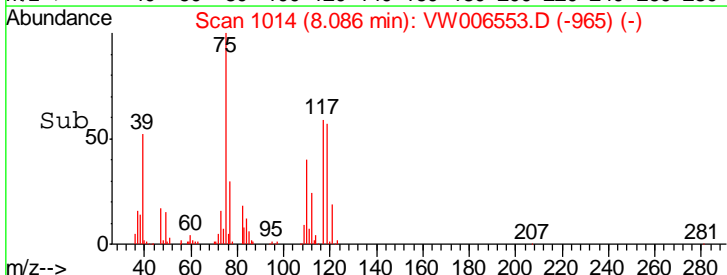
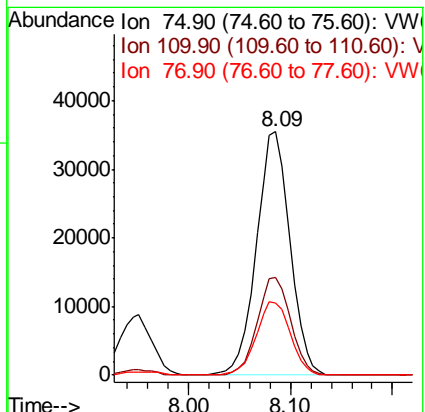
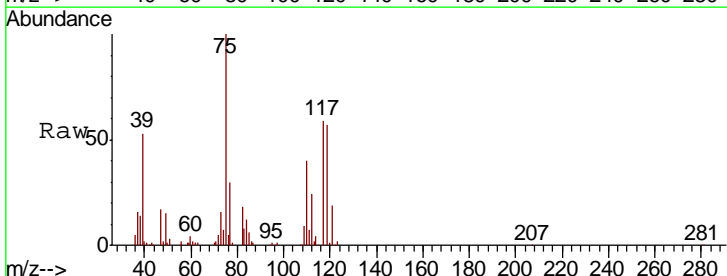
Manual Integrations  
 APPROVED

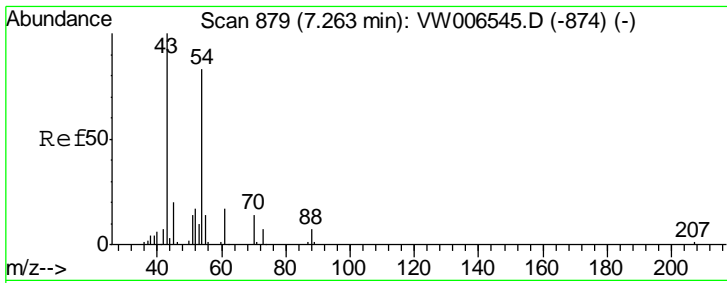
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#36  
 1,1-Dichloropropene  
 Concen: 20.822 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
75	100		
110	39.7	19.5	58.5
77	30.8	24.6	37.0





#37  
Ethyl Acetate  
Concen: 19.154 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: VW006553.D  
Acq: 01 Nov 2018 12:39

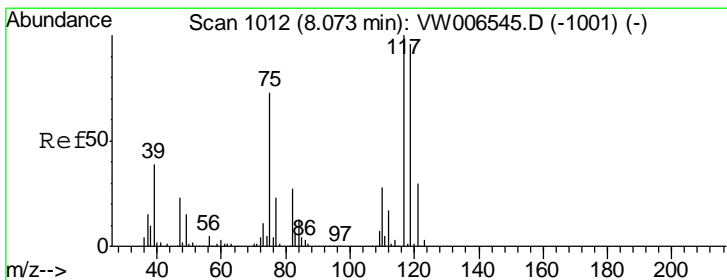
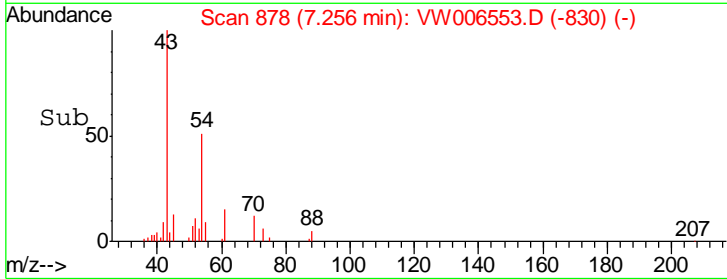
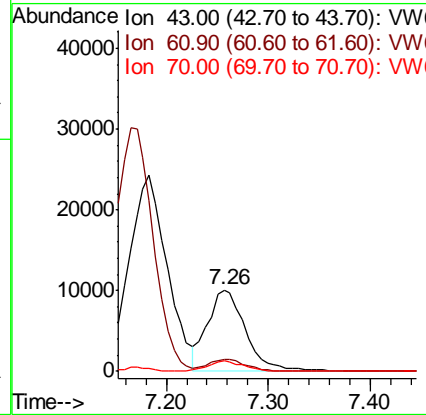
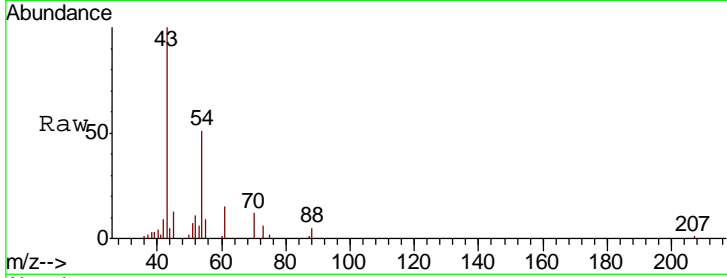
Instrument :  
MSVOA\_W  
ClientSampled :  
VW1102SBS01

Tgt Ion: 43 Resp: 25857

Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.5	9.8	14.6

Manual Integrations  
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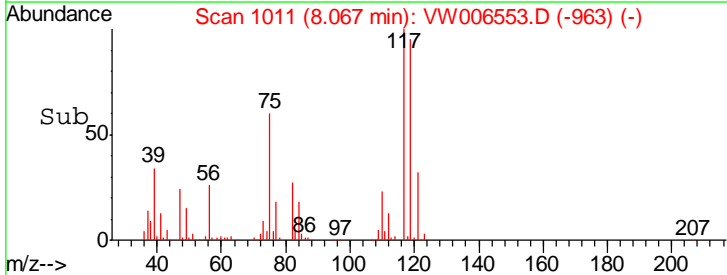
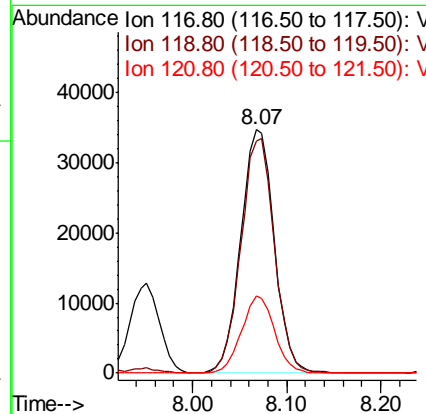
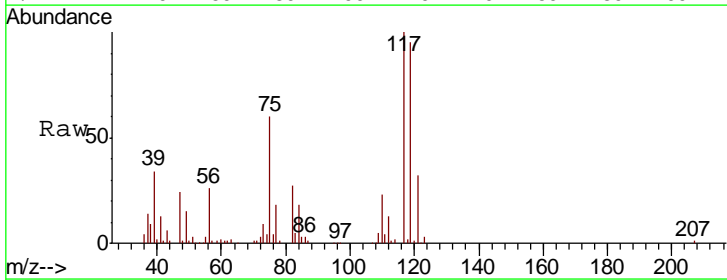
apatel  
11/2/2018 3:20:53 PM

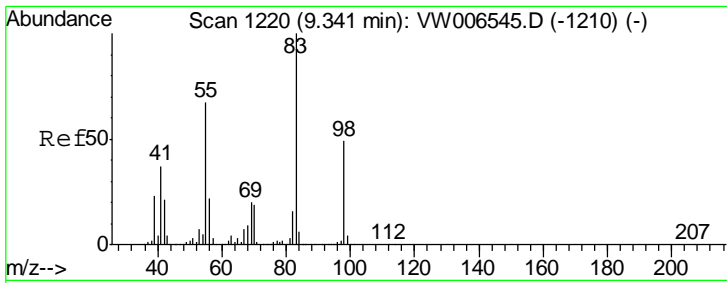


#38  
Carbon Tetrachloride  
Concen: 21.179 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW006553.D  
Acq: 01 Nov 2018 12:39

Tgt Ion: 117 Resp: 86208

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
121	31.9	24.1	36.1





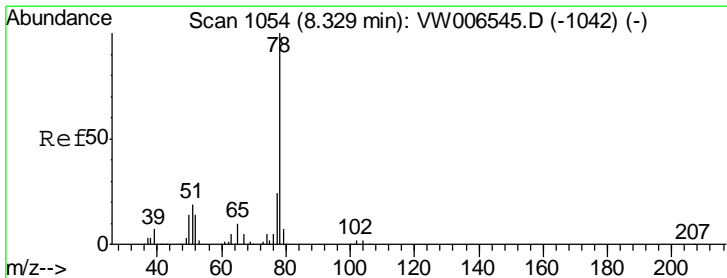
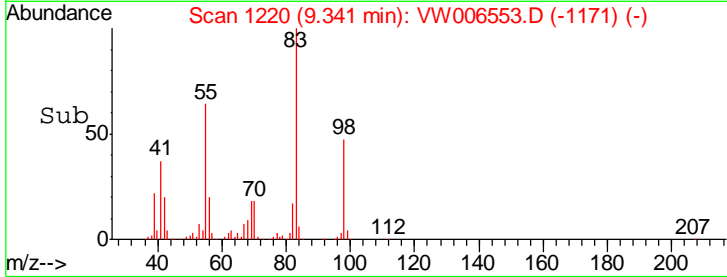
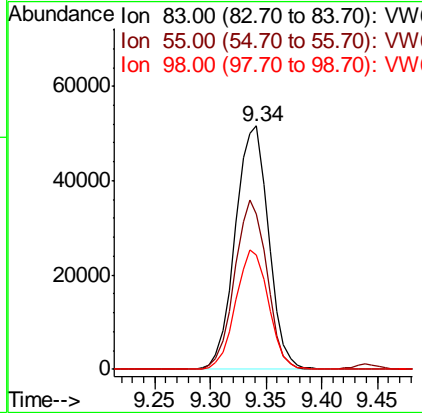
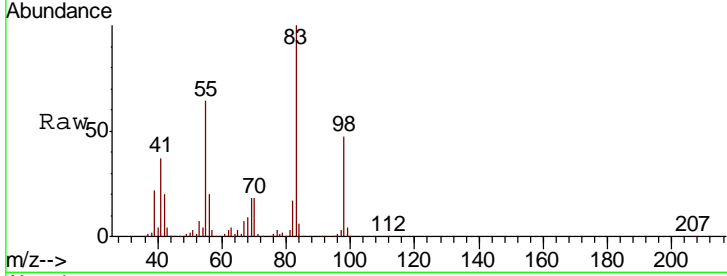
#39  
 Methylcyclohexane  
 Concen: 21.651 ug/l  
 RT: 9.34 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
83	107032		
55	64.0	53.7	80.5
98	47.2	39.2	58.8

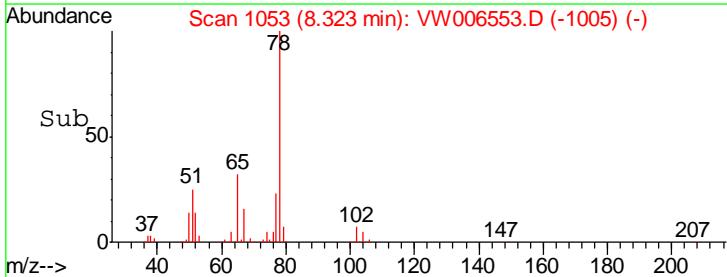
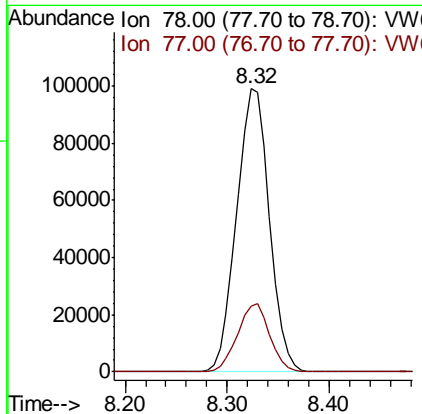
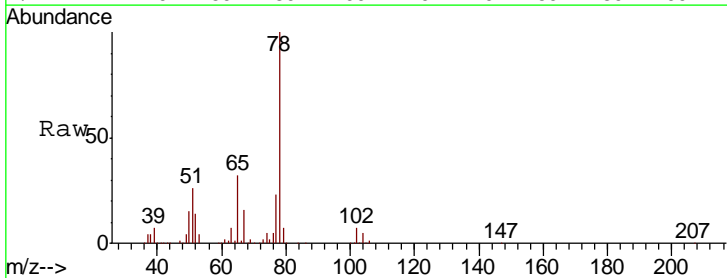
Manual Integrations  
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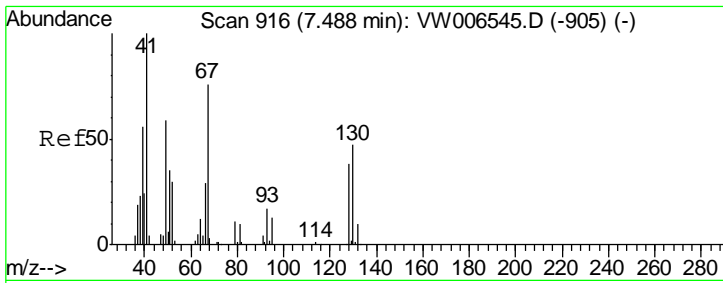


#40  
 Benzene  
 Concen: 19.956 ug/l  
 RT: 8.32 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
78	220808		
77	23.4	19.2	28.8







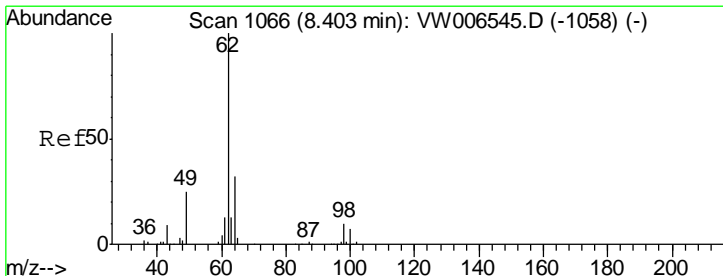
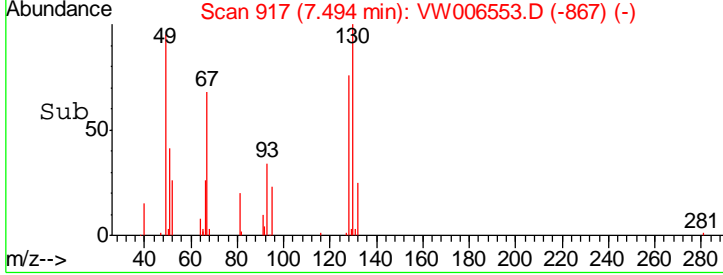
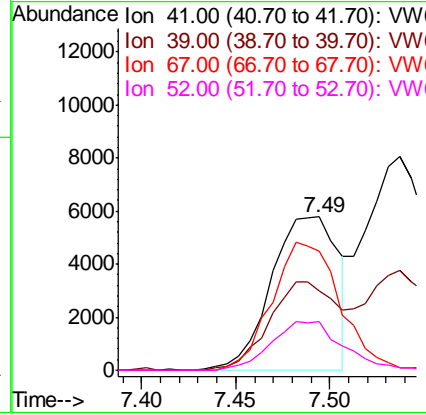
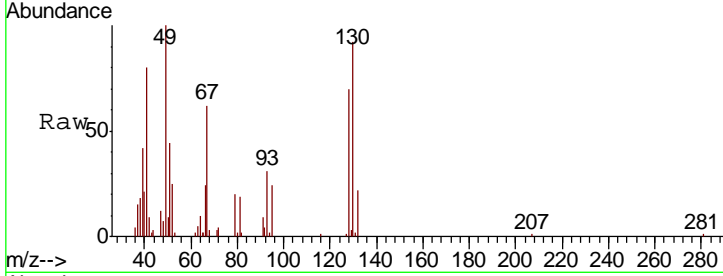
#41  
 Methacrylonitrile  
 Concen: 17.310 ug/l  
 RT: 7.49 min Scan# 917  
 Delta R.T. 0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
41	100		
39	56.6	44.5	66.7
67	84.8	63.8	95.8
52	33.6	26.3	39.5

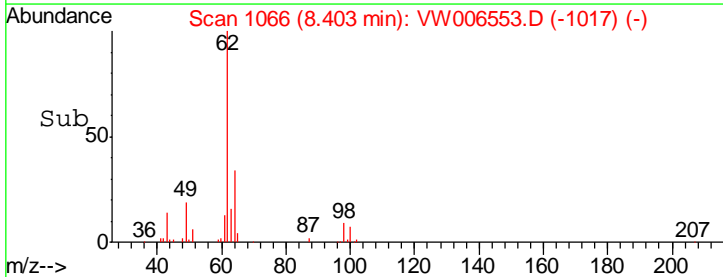
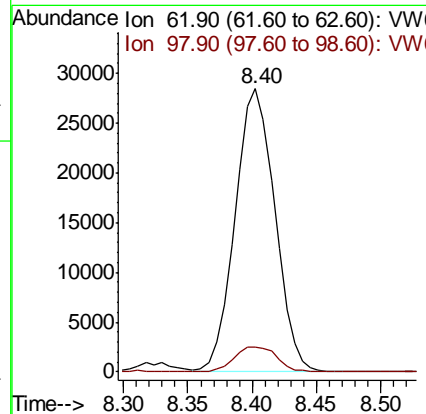
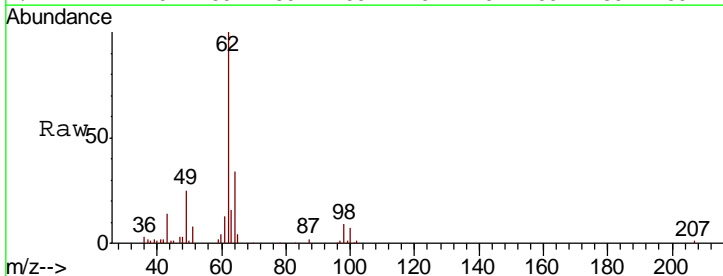
Manual Integrations  
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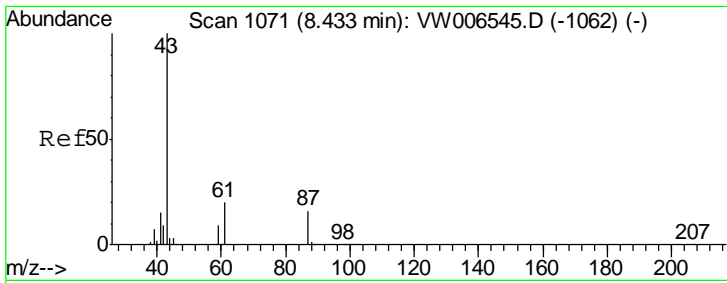
apatel  
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#42  
 1,2-Dichloroethane  
 Concen: 19.279 ug/l  
 RT: 8.40 min Scan# 1066  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
62	100		
98	9.4	0.0	19.8





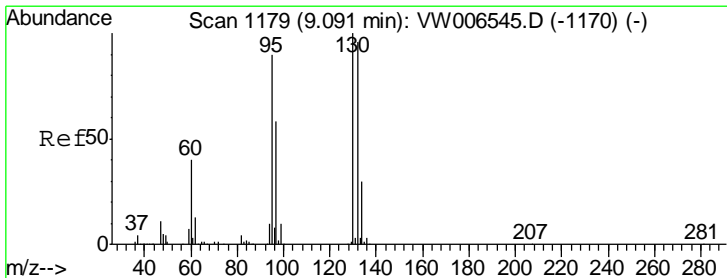
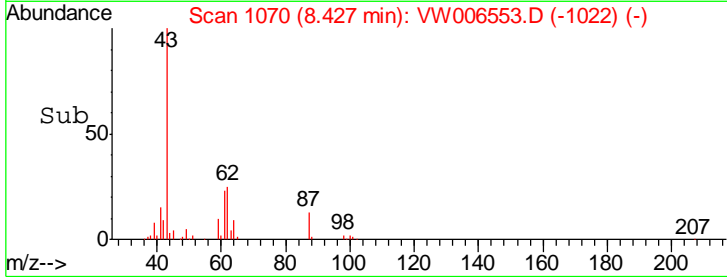
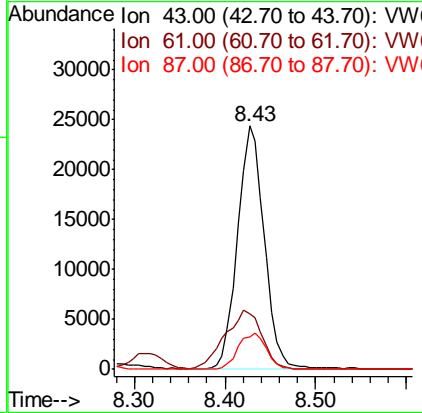
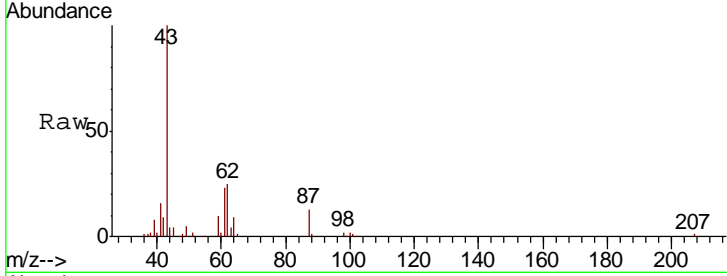
#43  
 Isopropyl Acetate  
 Concen: 18.542 ug/l  
 RT: 8.43 min Scan# 1070  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 Client Sampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
43	100		
61	33.6	27.2	40.8
87	15.8	12.9	19.3

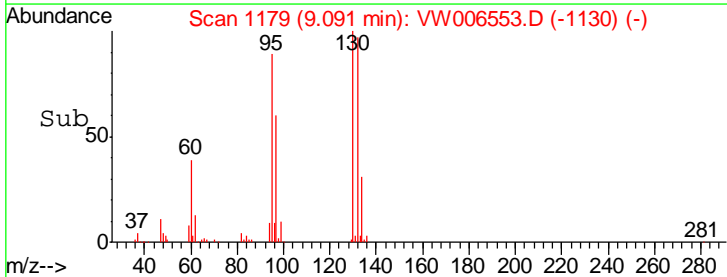
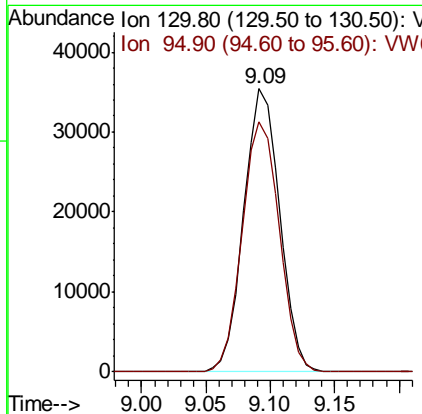
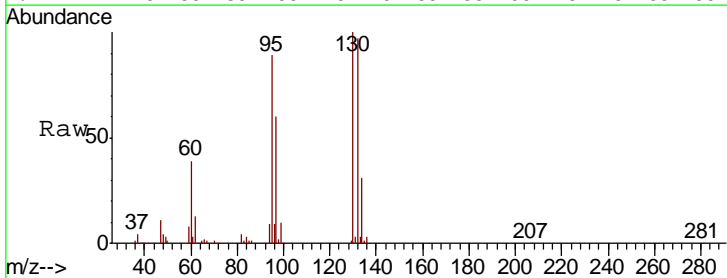
Manual Integrations  
 APPROVED

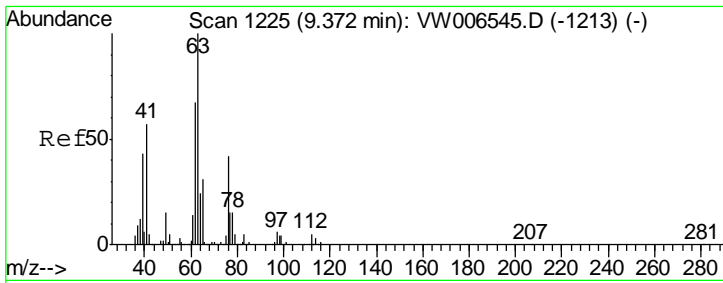
apatel  
 11/2/2018 3:20:53 PM



#44  
 Trichloroethene  
 Concen: 20.007 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
130	100		
95	88.6	0.0	179.2



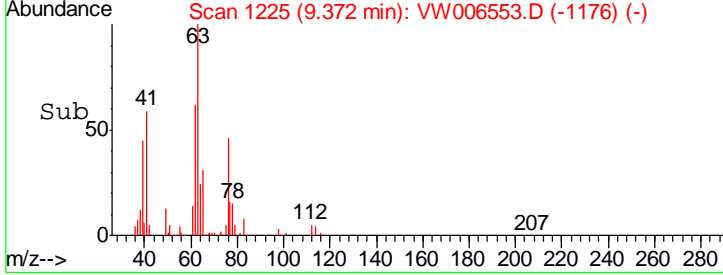
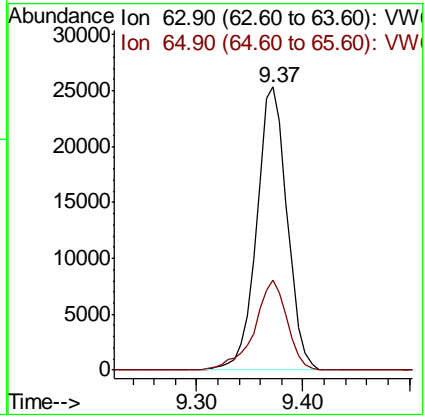
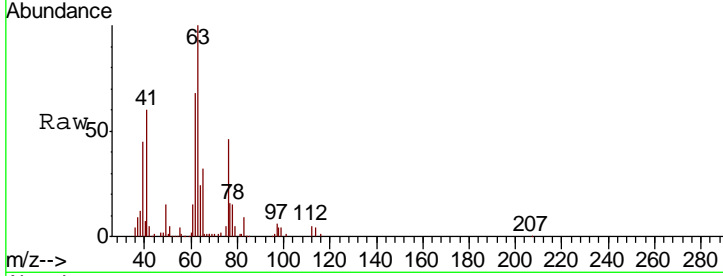


#45  
 1,2-Dichloropropane  
 Concen: 19.681 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

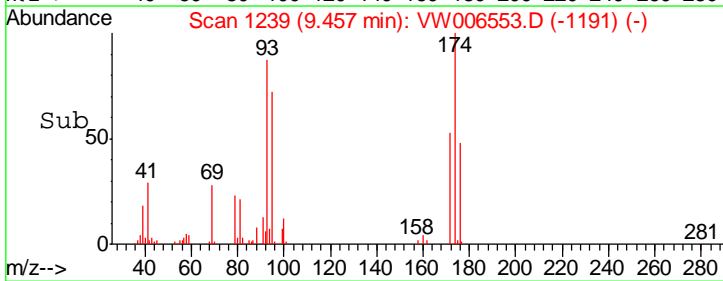
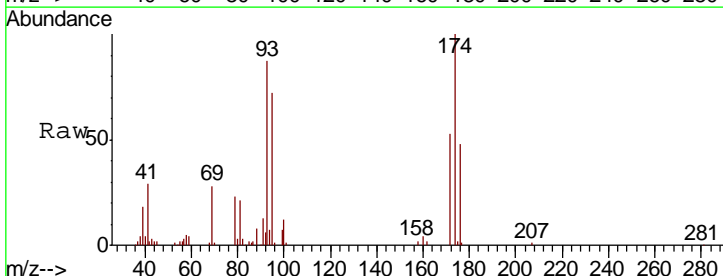
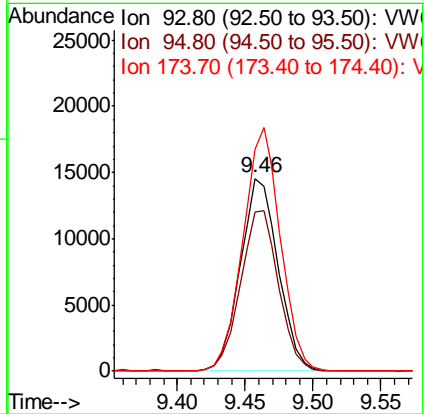
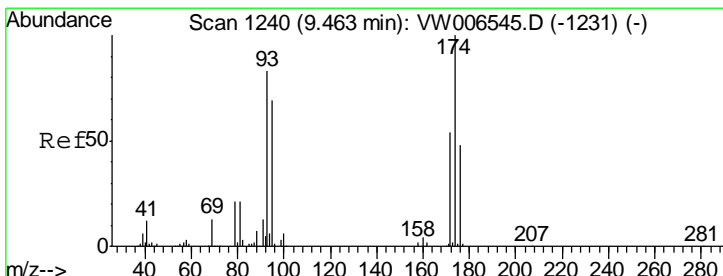
Tgt Ion	Resp	Lower	Upper
63	100		
65	31.7	25.1	37.7

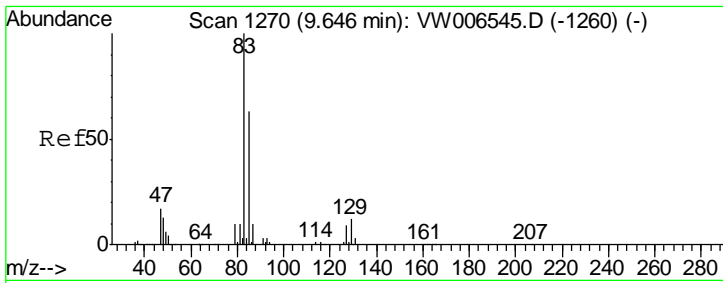
Manual Integrations APPROVED  
 apatel  
 11/2/2018 3:20:53 PM



#46  
 Dibromomethane  
 Concen: 18.711 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
93	100		
95	83.5	67.2	100.8
174	125.0	97.3	145.9





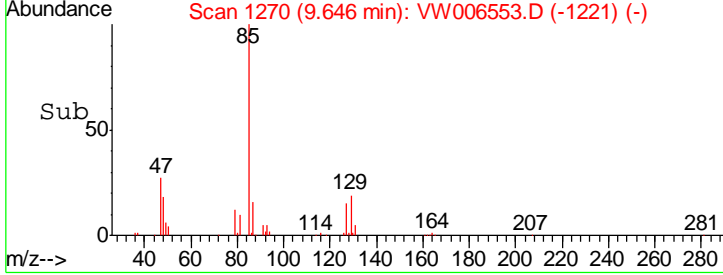
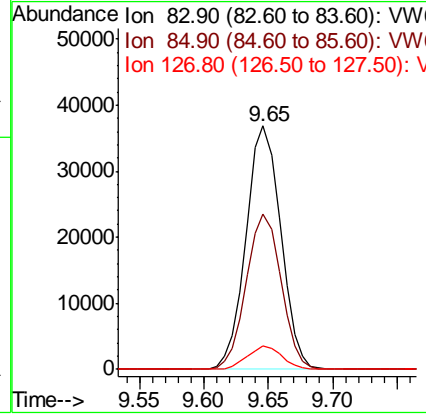
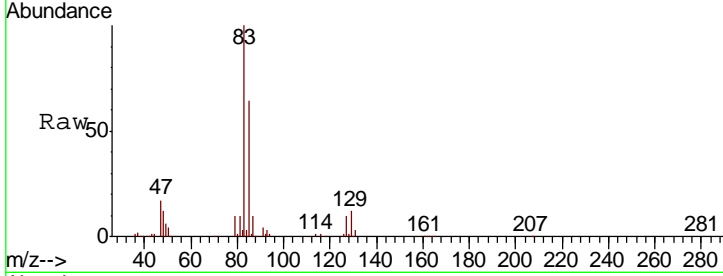
#47  
 Bromodichloromethane  
 Concen: 19.603 ug/l  
 RT: 9.65 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
83	68895		
85	63.8	50.6	75.8
127	9.8	7.5	11.3

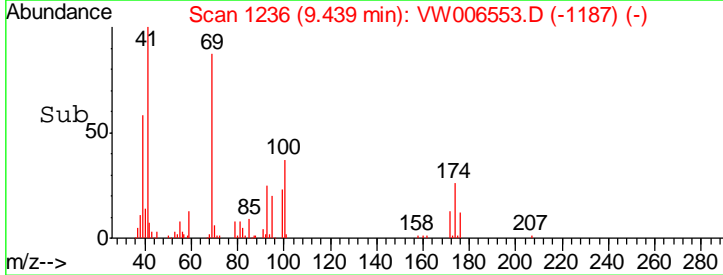
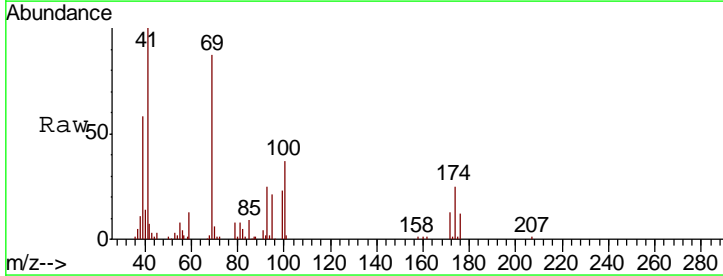
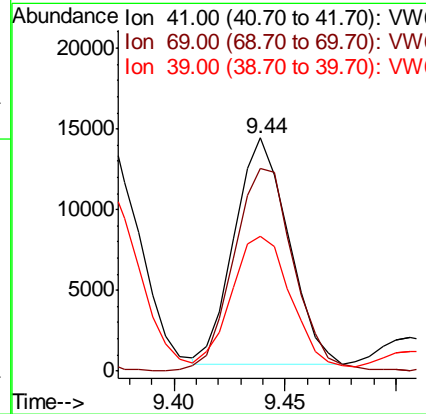
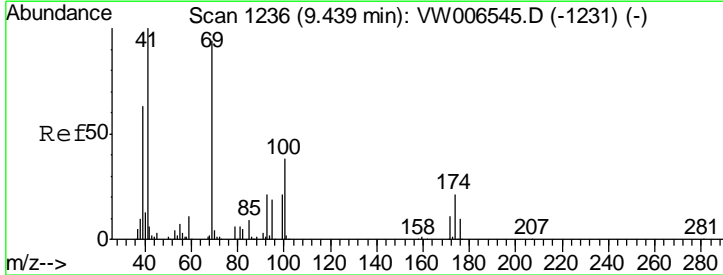
**Manual Integrations**  
**APPROVED**

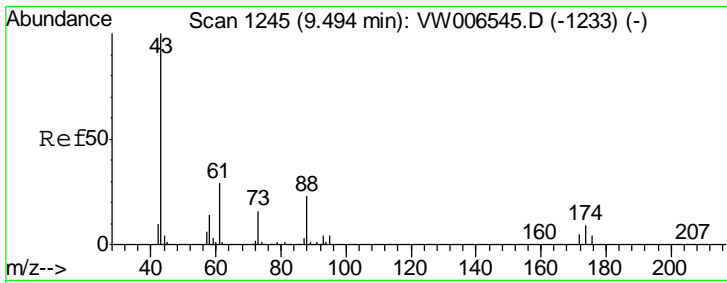
apatel  
 11/2/2018 3:20:53 PM



#48  
 Methyl methacrylate  
 Concen: 18.359 ug/l  
 RT: 9.44 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
41	23827		
69	99.6	77.8	116.8
39	61.9	48.7	73.1





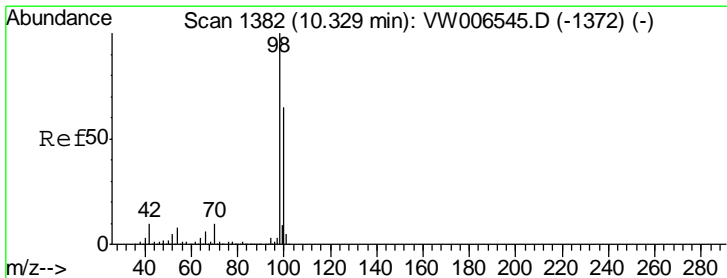
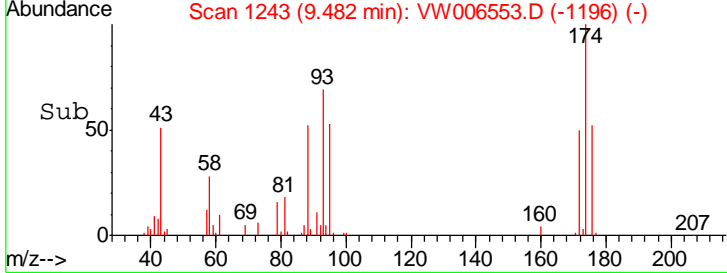
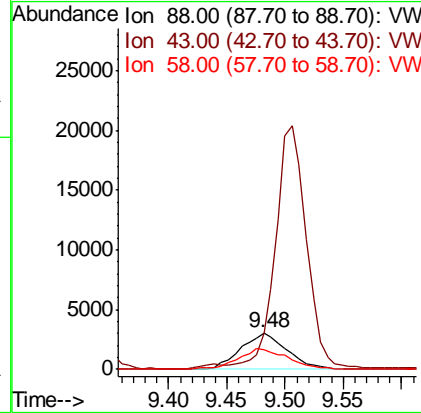
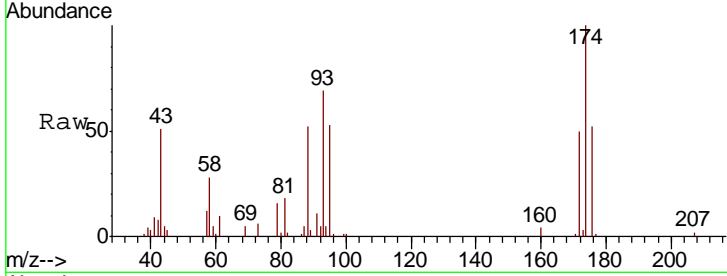
#49  
 1,4-Dioxane  
 Concen: 374.688 ug/l  
 RT: 9.48 min Scan# 1243  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
88	8300		
88	100		
43	0.0	356.6	534.8#
58	63.0	51.4	77.2

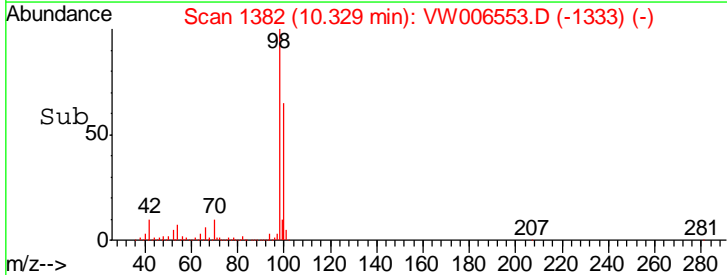
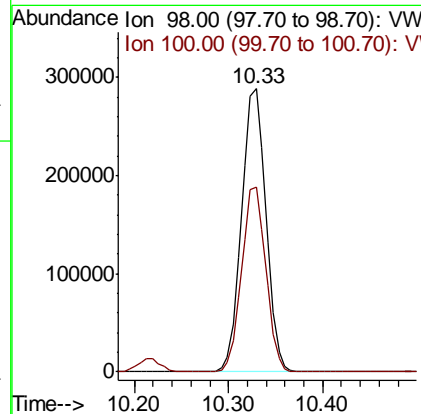
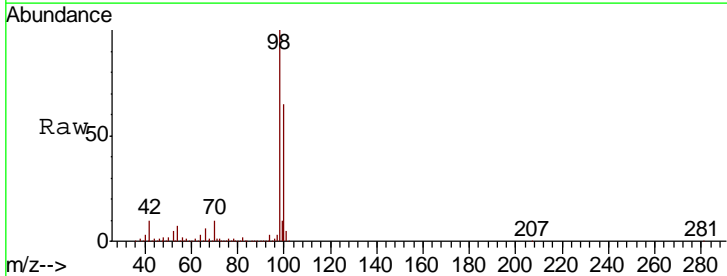
**Manual Integrations**  
**APPROVED**

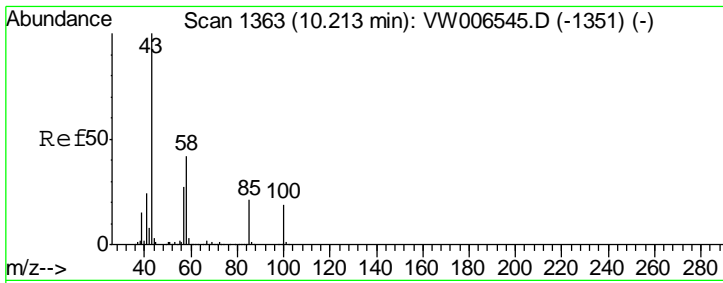
apatel  
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#50  
 Toluene-d8  
 Concen: 48.923 ug/l  
 RT: 10.33 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
98	517739		
98	100		
100	65.0	51.6	77.4





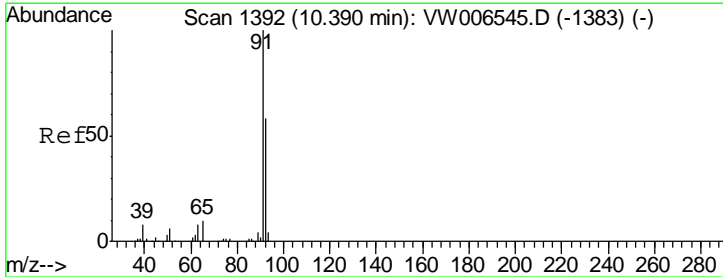
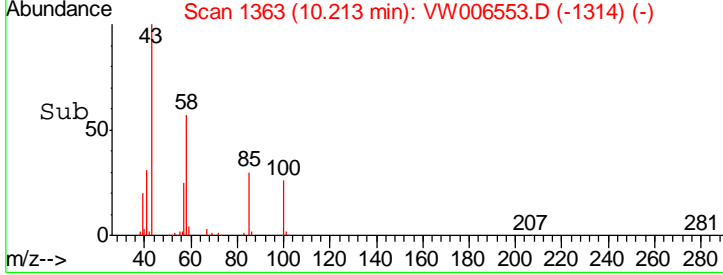
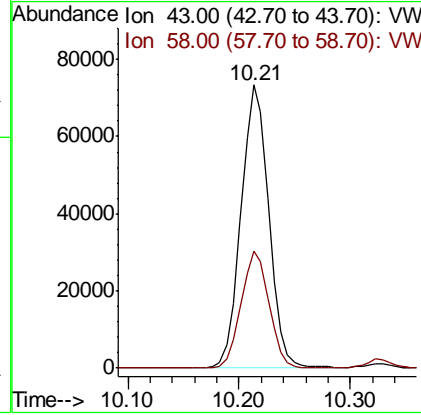
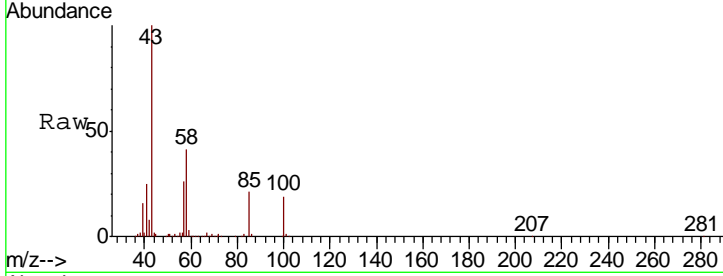
#51  
 4-Methyl-2-Pentanone  
 Concen: 91.138 ug/l  
 RT: 10.21 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
43	126088		
58	41.7	33.4	50.0

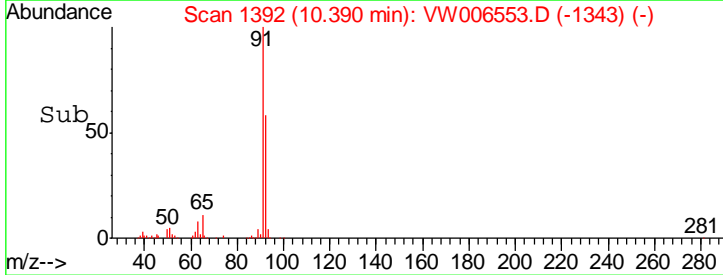
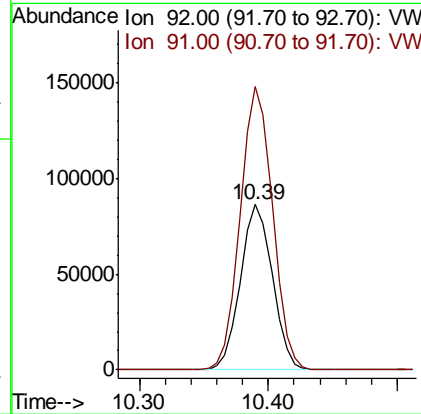
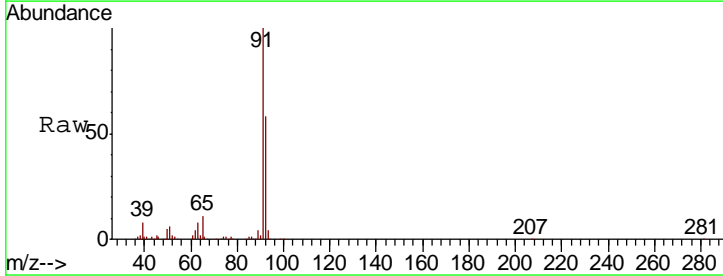
Manual Integrations  
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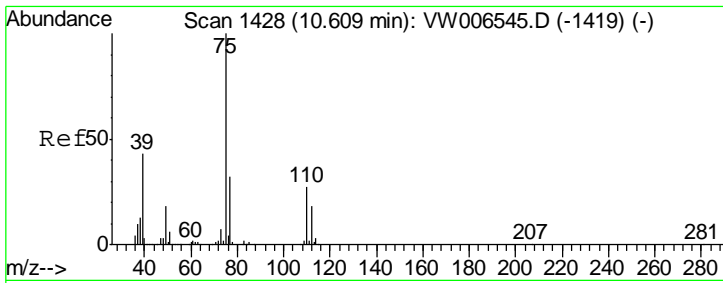
apatel  
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#52  
 Toluene  
 Concen: 20.016 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
92	148542		
91	173.0	138.6	208.0





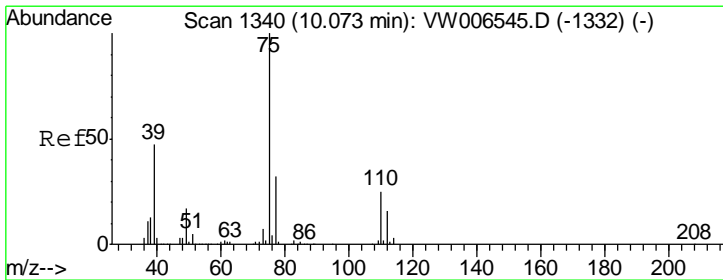
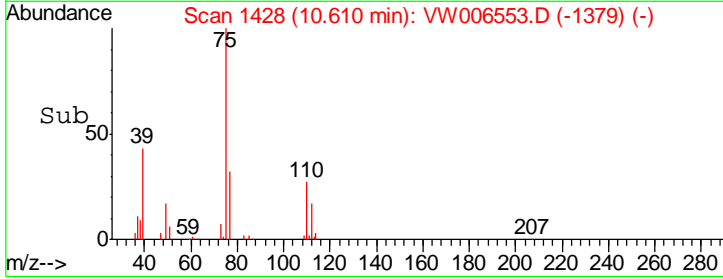
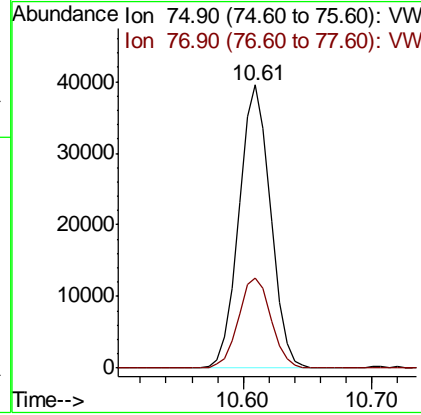
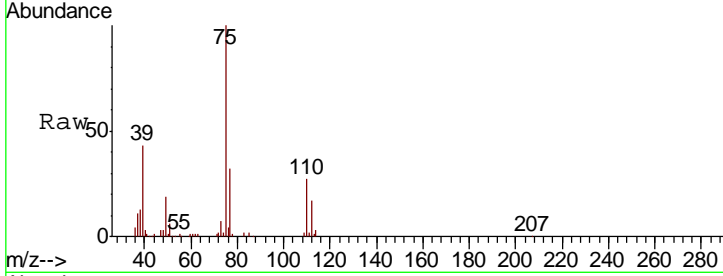
#53  
 t-1,3-Dichloropropene  
 Concen: 19.791 ug/l  
 RT: 10.61 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
75	100		
77	32.0	25.6	38.4

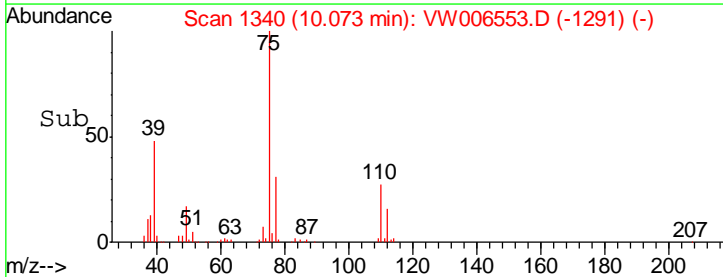
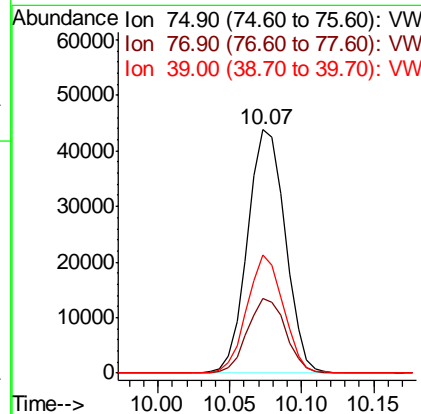
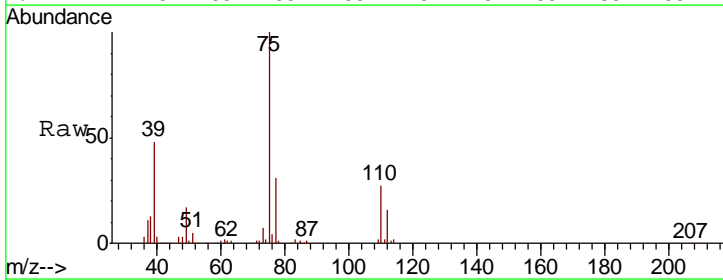
Manual Integrations  
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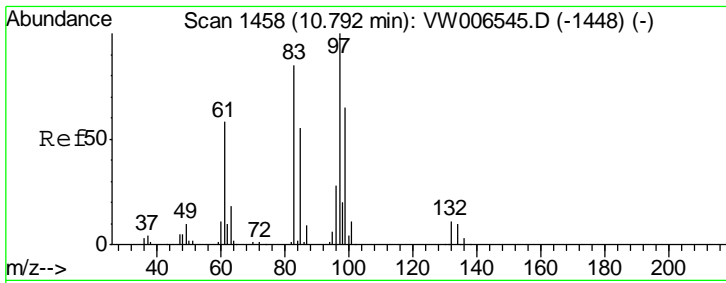
apatel  
 11/2/2018 3:20:53 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.893 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
75	100		
77	30.7	25.7	38.5
39	48.3	37.3	55.9





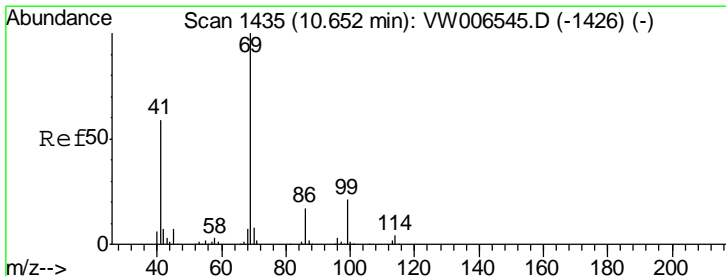
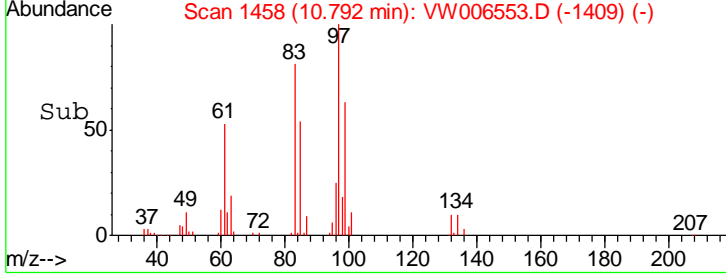
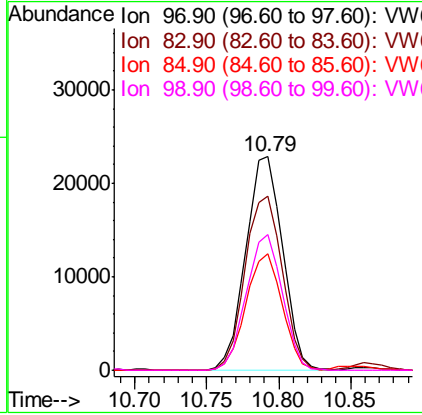
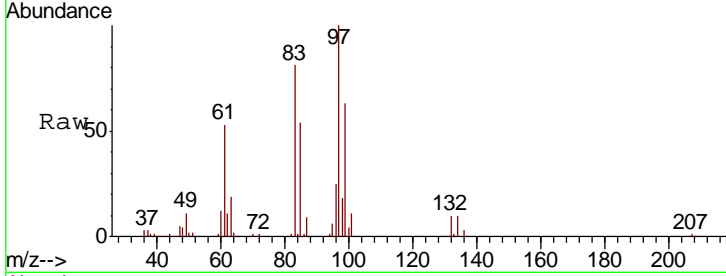
#55  
 1,1,2-Trichloroethane  
 Concen: 18.848 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
97	40479		
97	100		
83	81.3	67.9	101.9
85	54.4	44.0	66.0
99	63.3	52.2	78.2

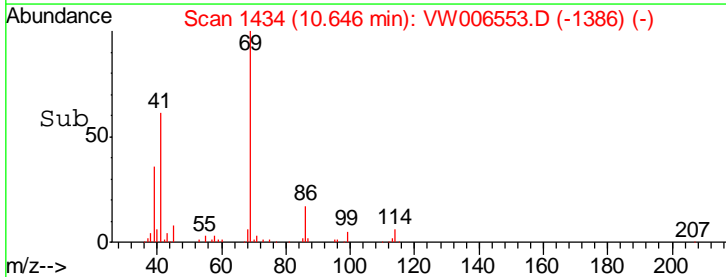
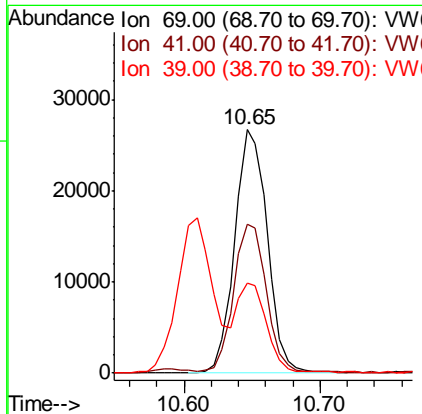
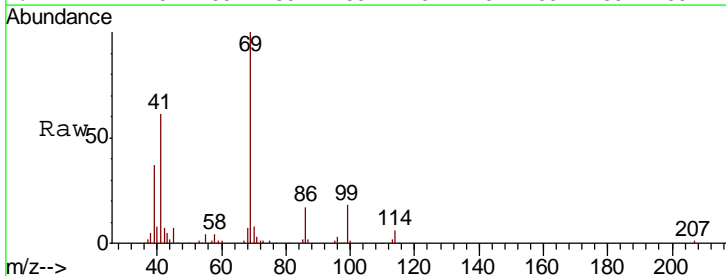
Manual Integrations  
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 11/2/2018 3:20:53 PM

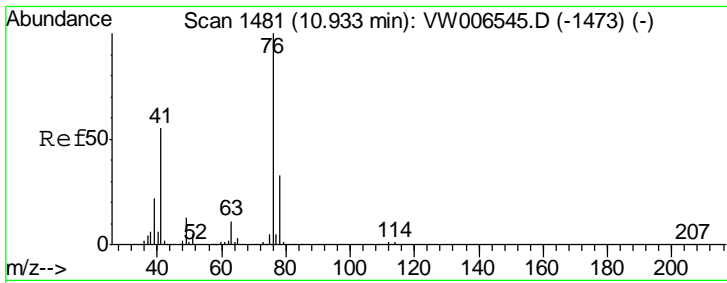


#56  
 Ethyl methacrylate  
 Concen: 18.244 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
69	44534		
69	100		
41	61.2	47.4	71.2
39	32.3	25.3	37.9





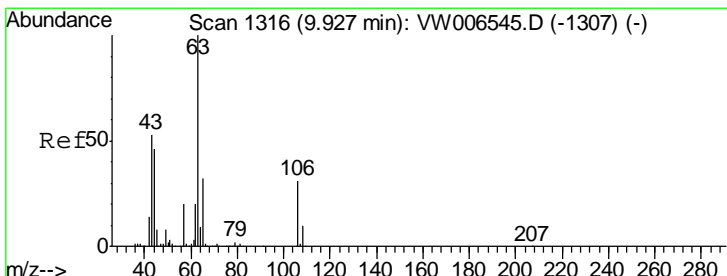
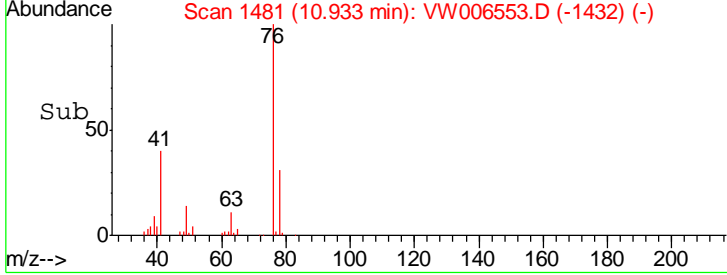
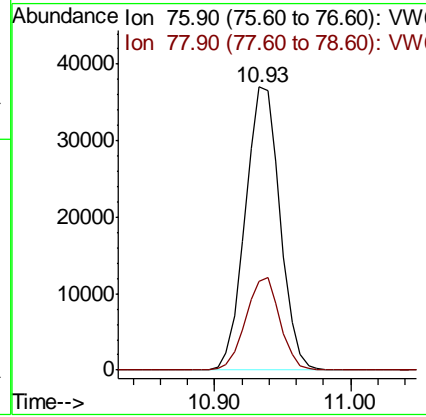
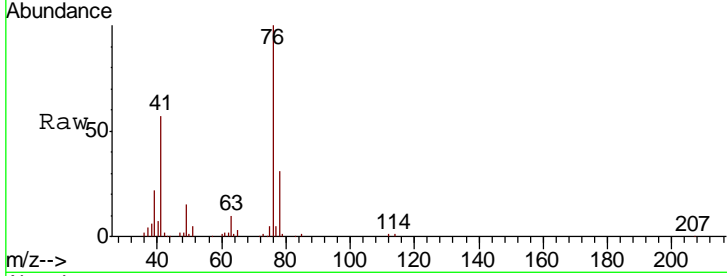


#57  
 1,3-Dichloropropane  
 Concen: 18.943 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 Client Sampled : VW1102SBS01

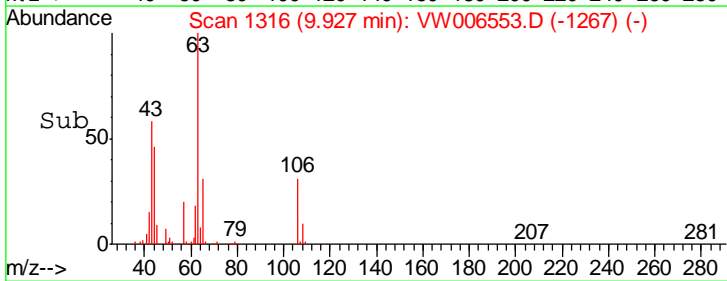
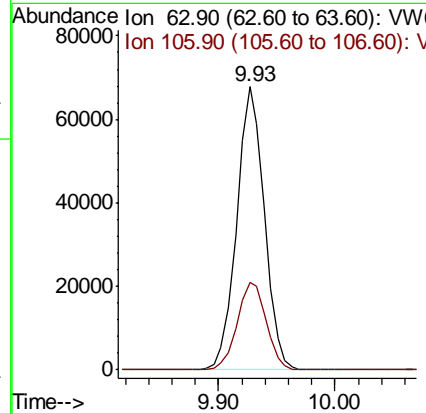
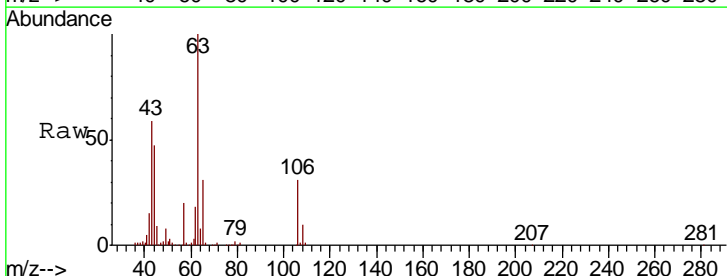
Tgt Ion	Resp	Lower	Upper
76	66060		
76	100		
78	32.3	26.2	39.4

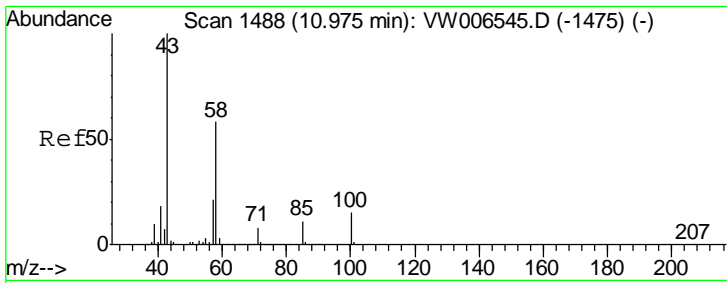
Manual Integrations  
**APPROVED**  
 apatel  
 11/2/2018 3:20:53 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 94.191 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
63	111766		
63	100		
106	32.4	25.4	38.2





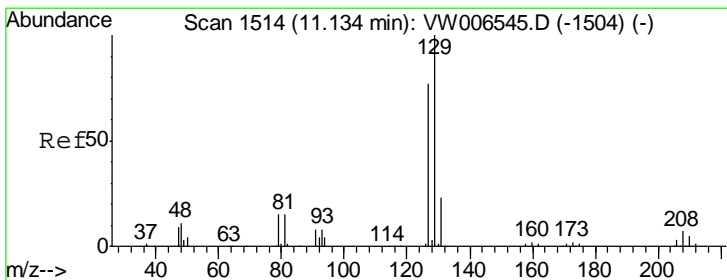
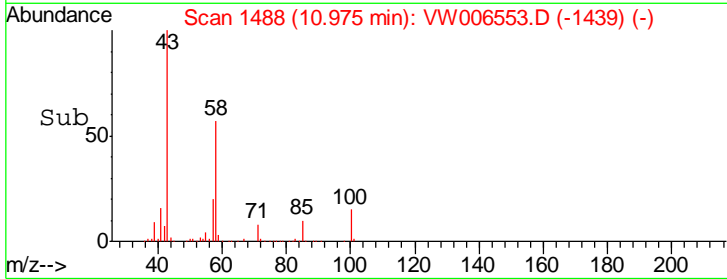
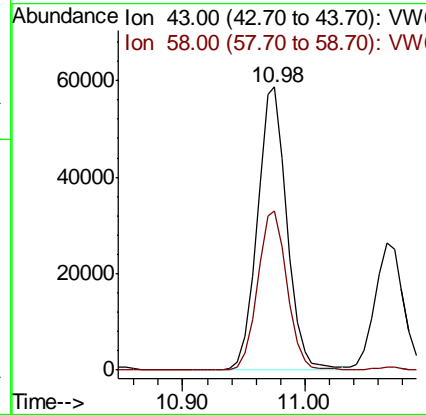
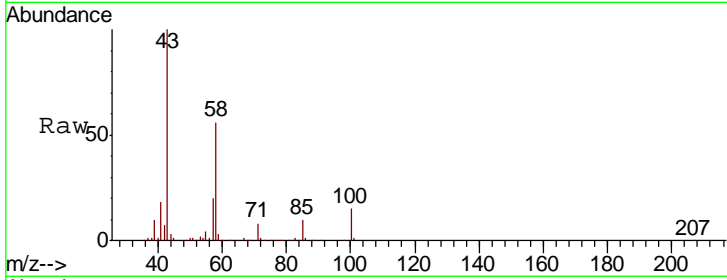
#59  
 2-Hexanone  
 Concen: 104.689 ug/l  
 RT: 10.98 min Scan# 1488  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion: 43 Resp: 98371

Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.8	86.4

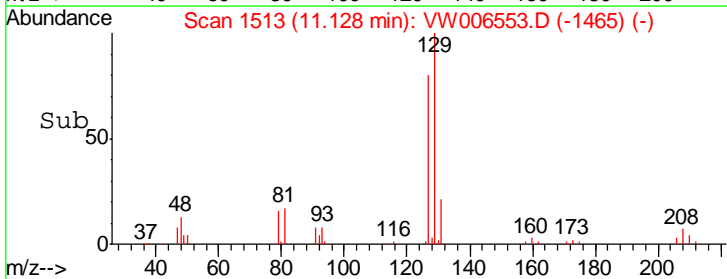
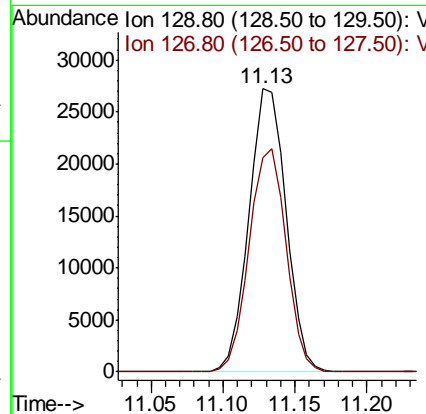
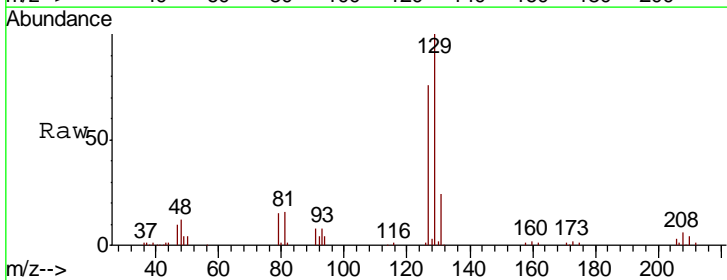
Manual Integrations  
**APPROVED**  
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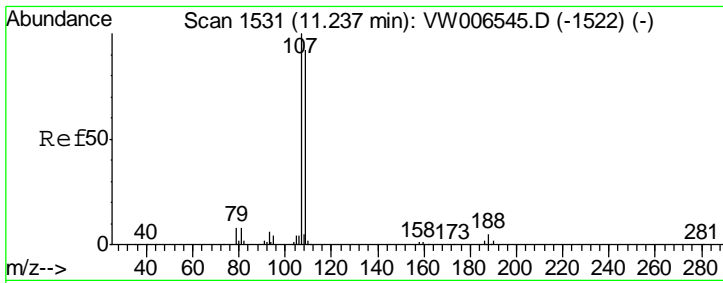


#60  
 Dibromochloromethane  
 Concen: 19.090 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. -0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion: 129 Resp: 48576

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.8	116.3





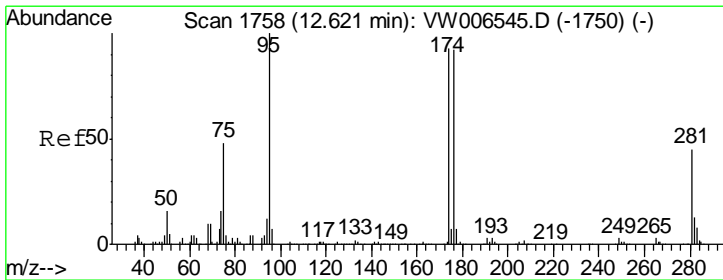
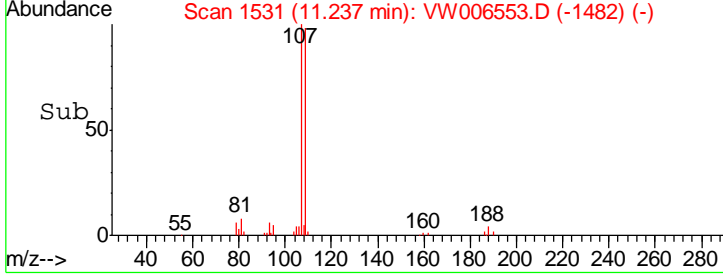
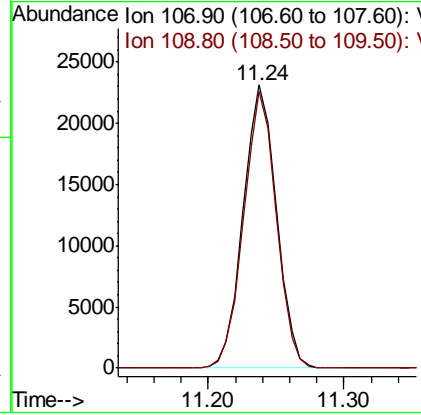
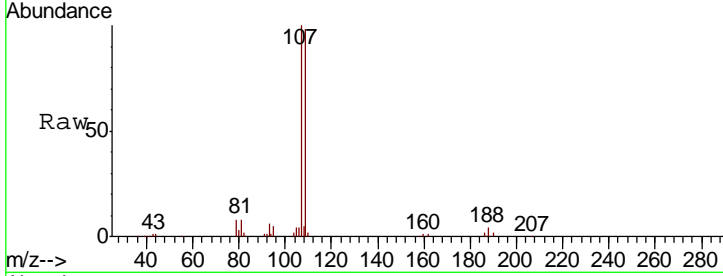
#61  
 1,2-Dibromoethane  
 Concen: 18.603 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
107	39676		
109	95.8	75.8	113.6

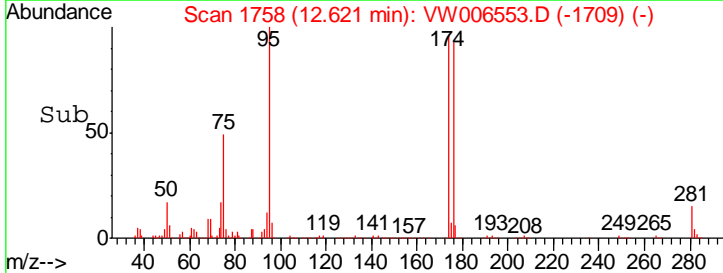
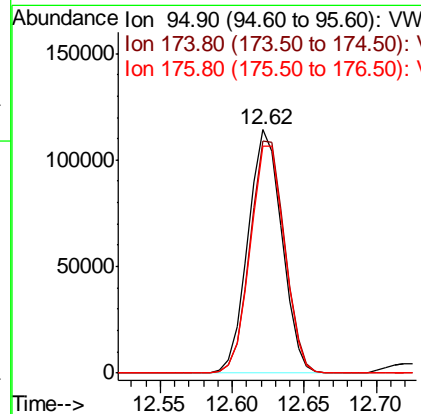
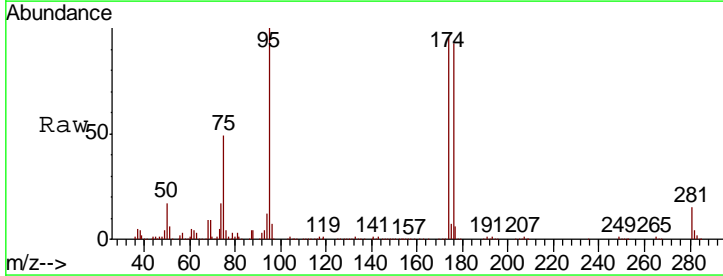
Manual Integrations  
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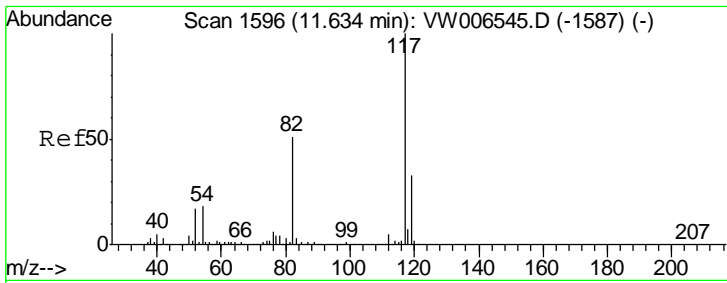
apatel  
 11/2/2018 3:20:53 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.348 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
95	185494		
174	97.1	0.0	192.4
176	94.4	0.0	187.4



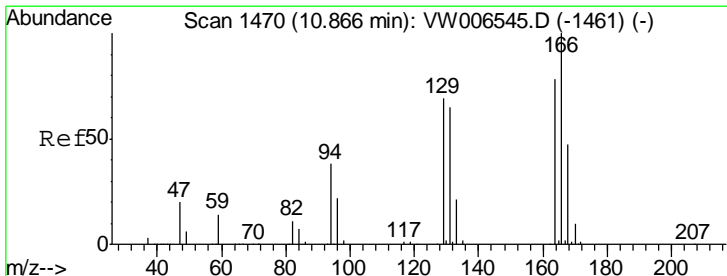
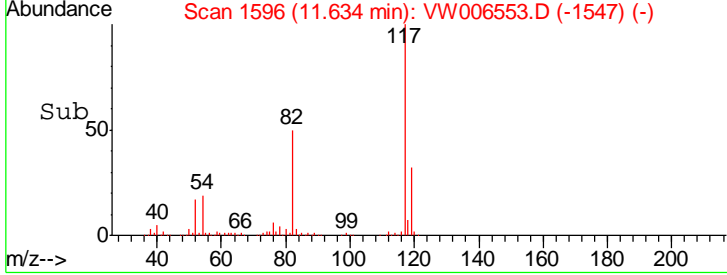
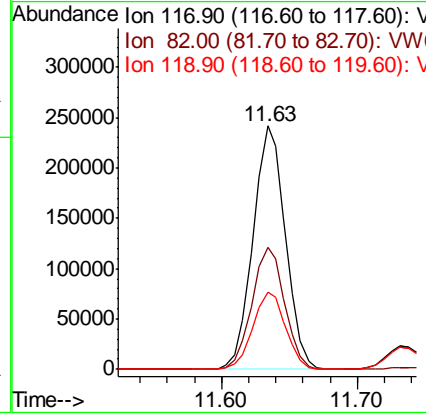
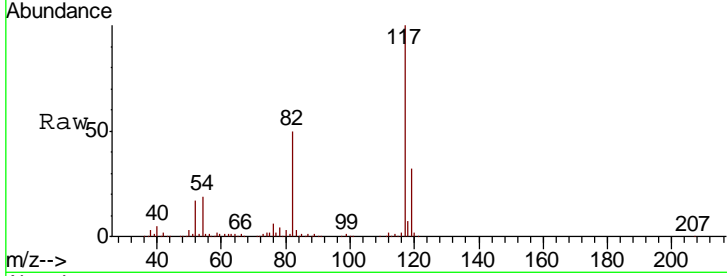


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

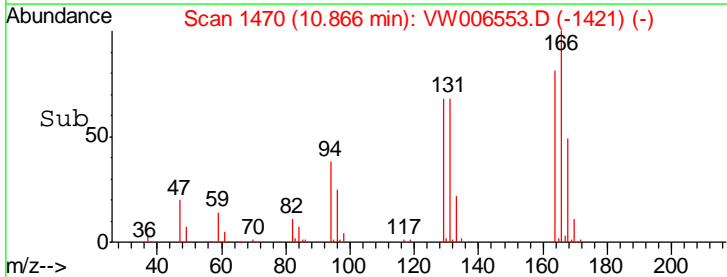
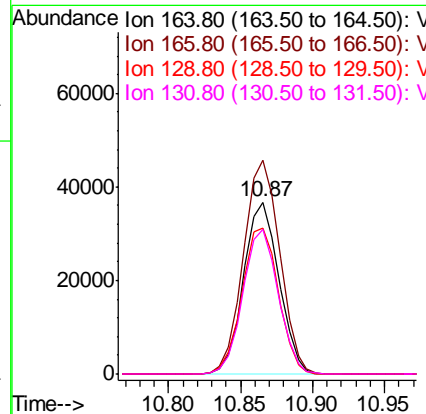
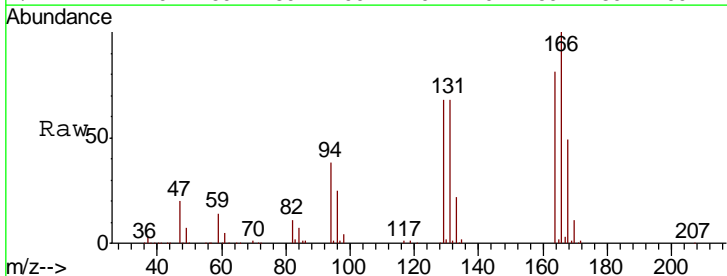
Tgt Ion	Resp	Lower	Upper
117	100		
82	50.3	40.8	61.2
119	31.8	26.1	39.1

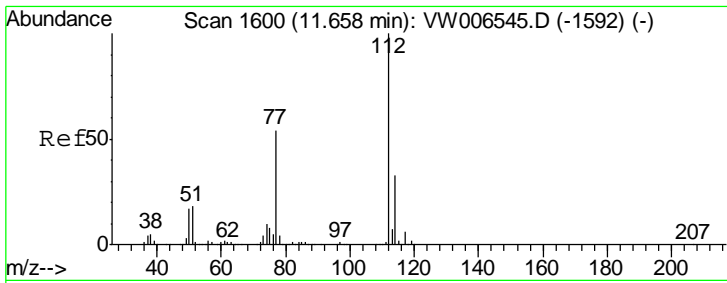
Manual Integrations  
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 apatel  
 11/2/2018 3:20:53 PM



#64  
 Tetrachloroethene  
 Concen: 19.490 ug/l  
 RT: 10.87 min Scan# 1470  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
164	100		
166	124.2	102.8	154.2
129	84.5	70.9	106.3
131	84.3	67.0	100.6



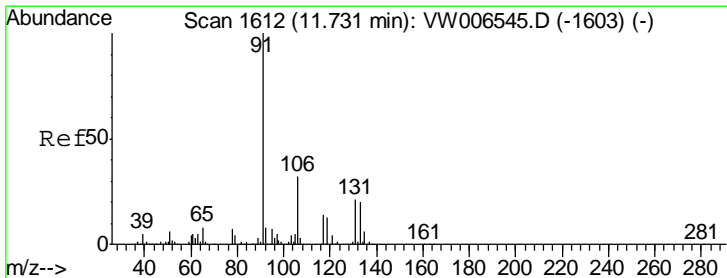
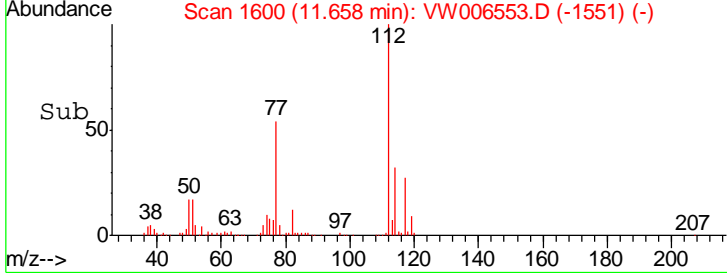
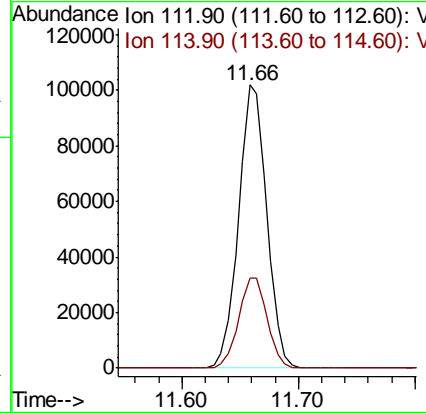
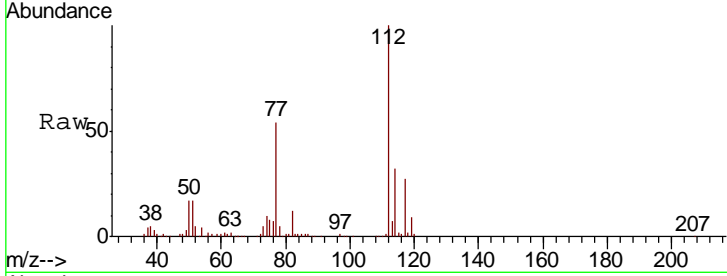


#65  
 Chlorobenzene  
 Concen: 20.217 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

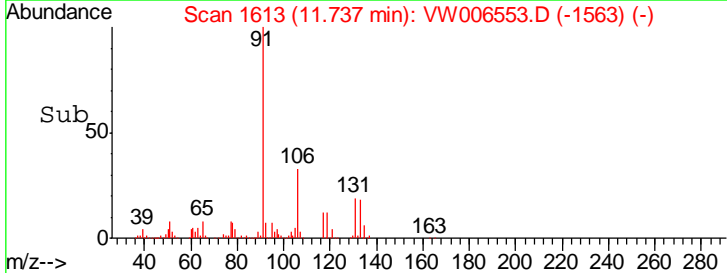
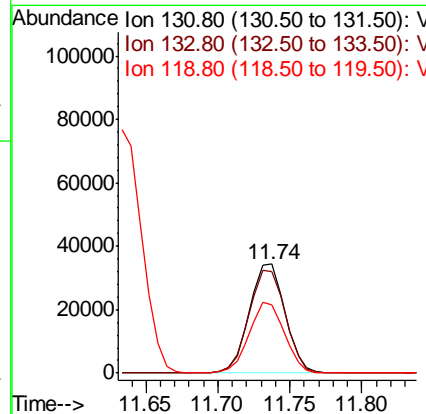
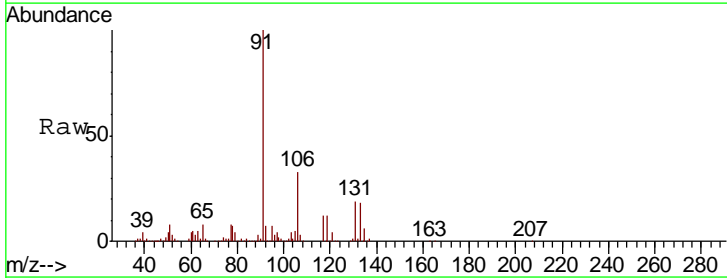
Tgt Ion	Resp	Lower	Upper
112	171313		
114	31.8	26.2	39.2

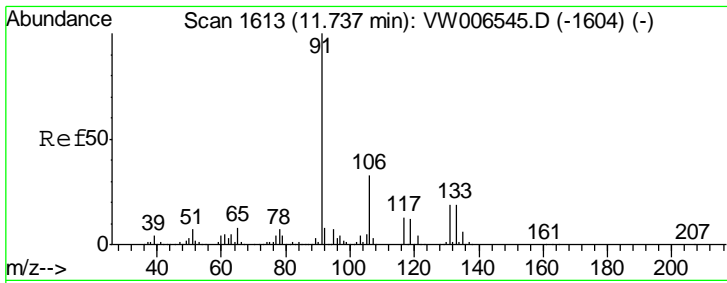
Manual Integrations  
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.854 ug/l  
 RT: 11.74 min Scan# 1613  
 Delta R.T. 0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
131	59132		
133	96.0	47.5	142.5
119	63.9	31.9	95.5



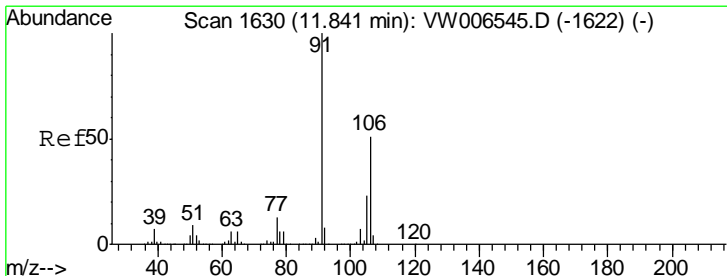
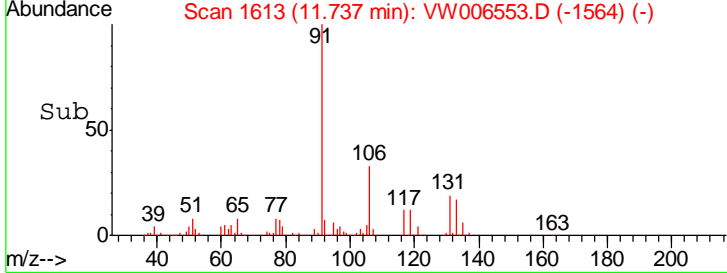
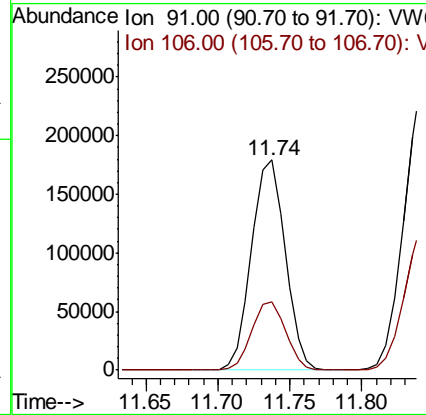
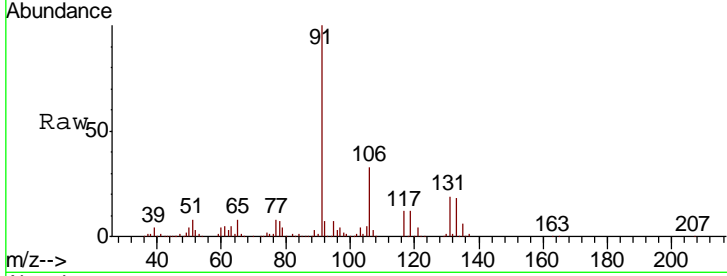


#67  
 Ethyl Benzene  
 Concen: 20.554 ug/l  
 RT: 11.74 min Scan# 1613  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

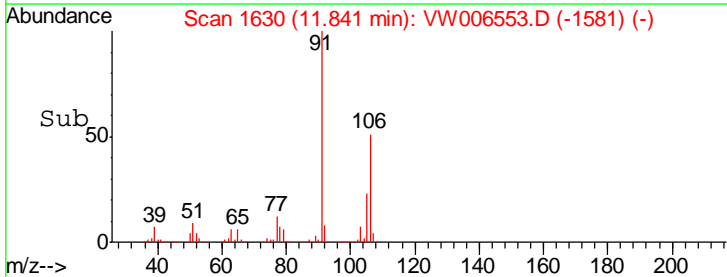
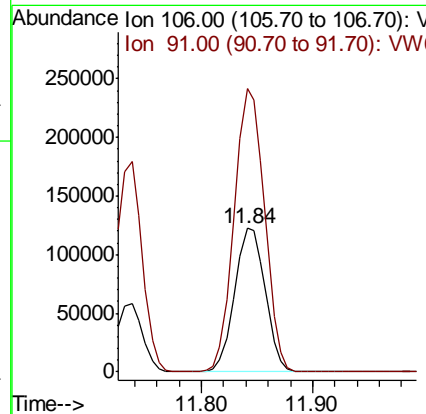
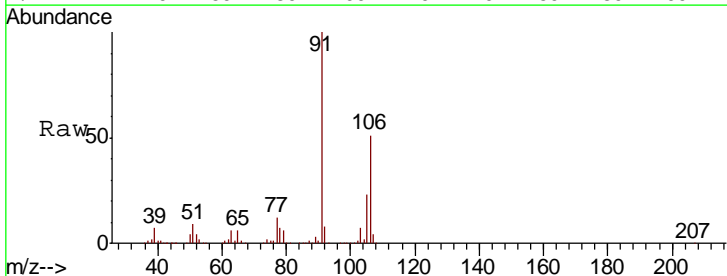
Tgt Ion: 91 Resp: 291112  
 Ion Ratio Lower Upper  
 91 100  
 106 32.6 26.3 39.5

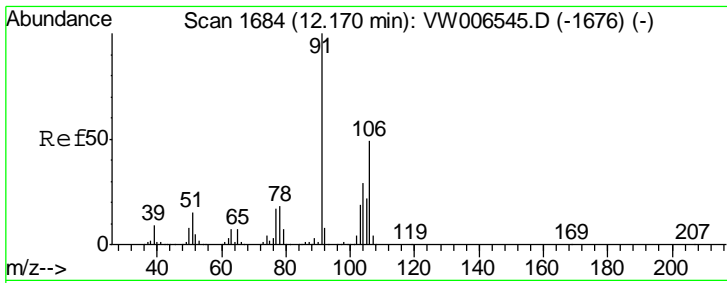
Manual Integrations  
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 apatel  
 11/2/2018 3:20:53 PM



#68  
 m/p-Xylenes  
 Concen: 41.034 ug/l  
 RT: 11.84 min Scan# 1630  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion: 106 Resp: 232196  
 Ion Ratio Lower Upper  
 106 100  
 91 196.5 156.7 235.1



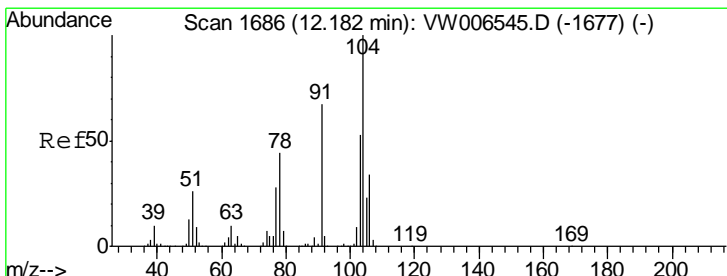
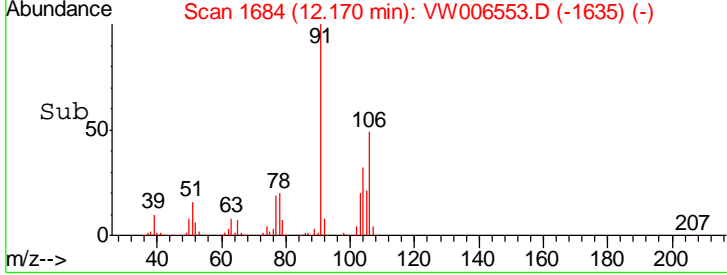
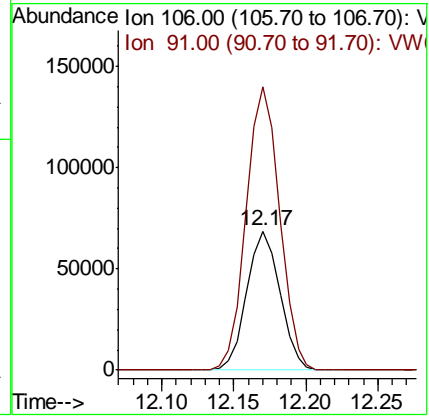
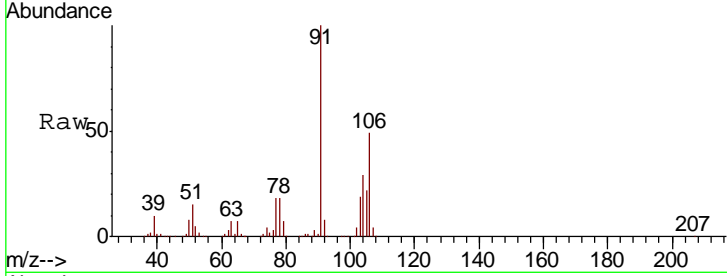


#69  
 o-Xylene  
 Concen: 20.408 ug/l  
 RT: 12.17 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 Client Sampled : VW1102SBS01

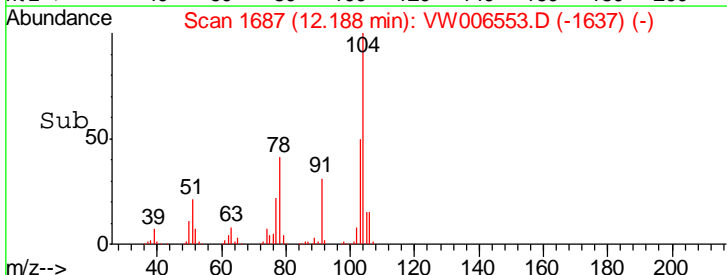
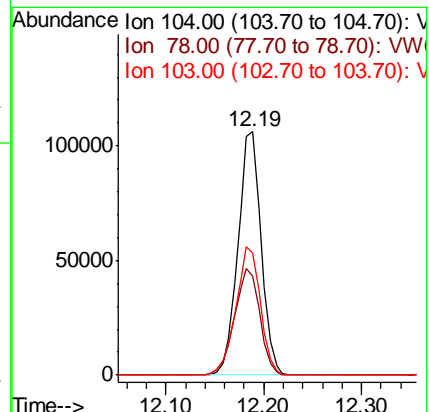
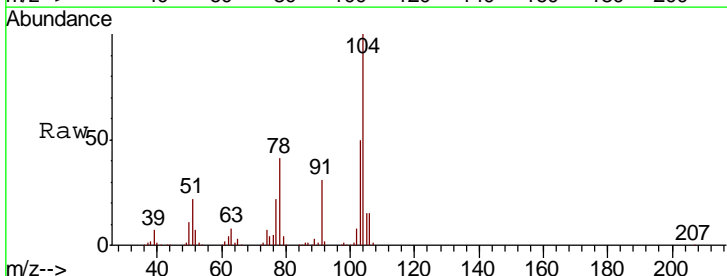
Tgt Ion	Resp	Lower	Upper
106	109942		
106	100		
91	204.8	102.8	308.4

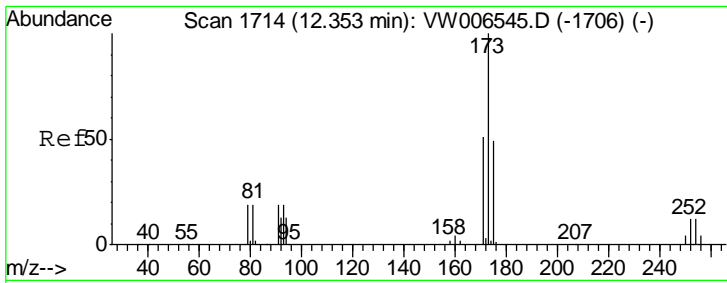
Manual Integrations  
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#70  
 Styrene  
 Concen: 19.876 ug/l  
 RT: 12.19 min Scan# 1687  
 Delta R.T. 0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
104	174570		
104	100		
78	47.9	37.2	55.8
103	55.6	44.2	66.2





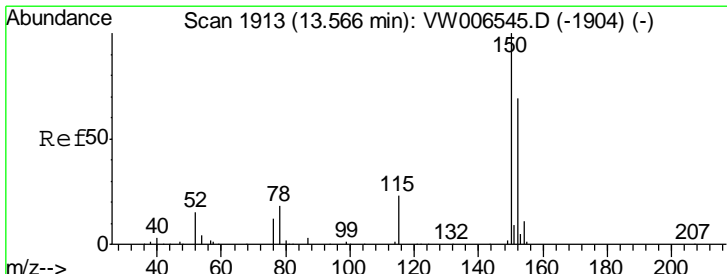
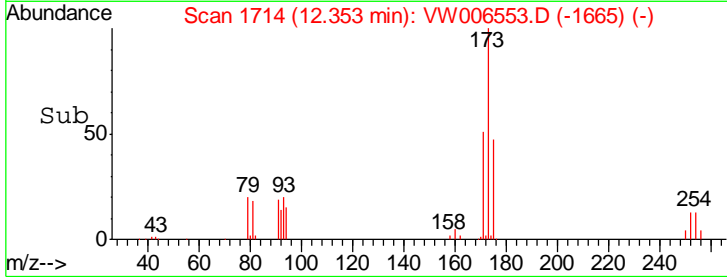
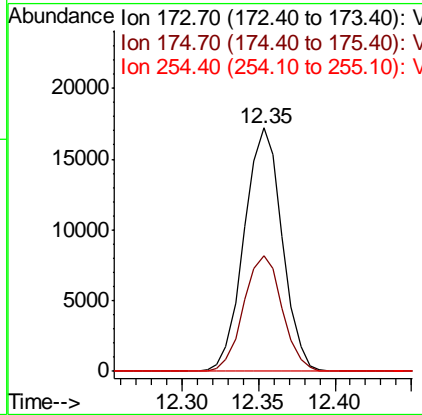
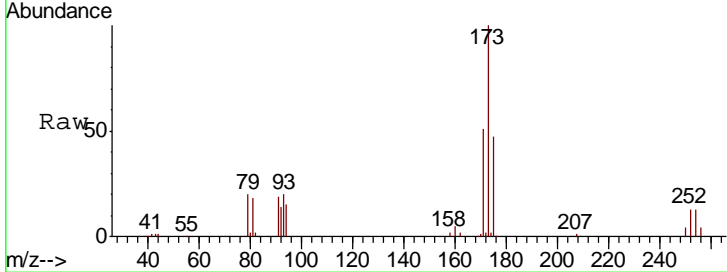
#71  
 Bromoform  
 Concen: 18.819 ug/l  
 RT: 12.35 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
173	29712		
173	100		
175	47.7	24.1	72.4
254	0.1	0.1	0.1

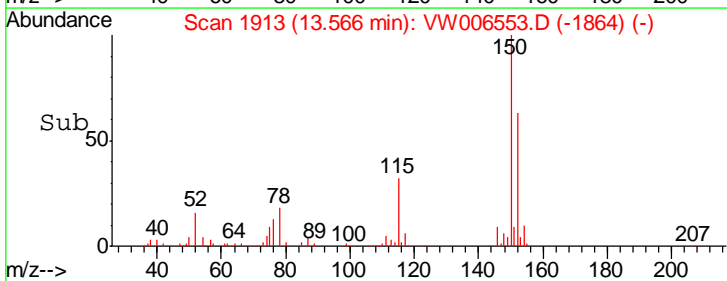
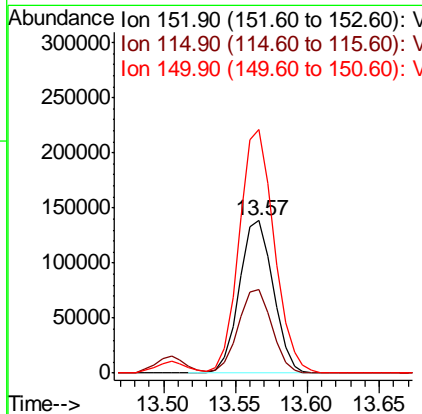
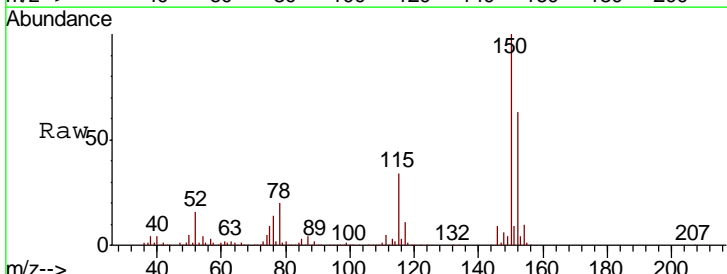
Manual Integrations  
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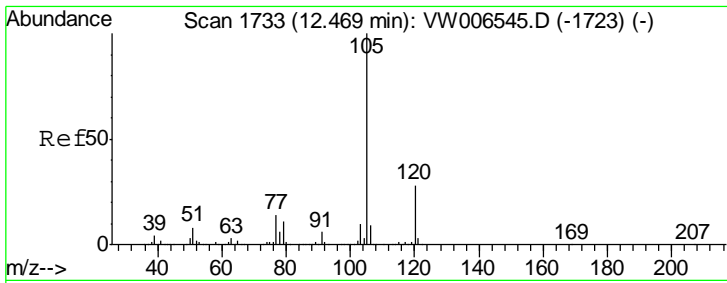


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.57 min Scan# 1913  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
152	225247		
152	100		
115	54.8	26.6	79.8
150	165.4	0.0	344.6





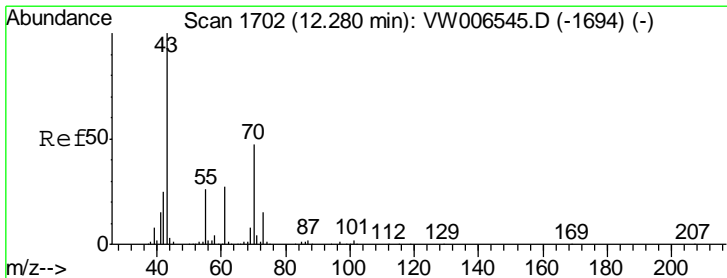
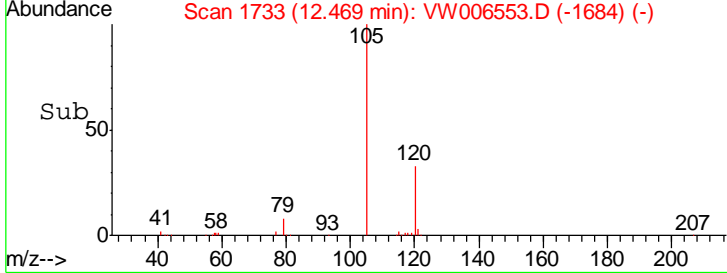
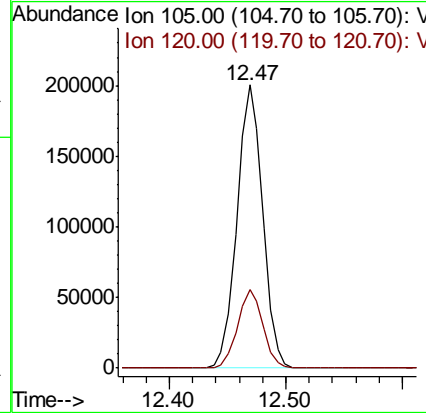
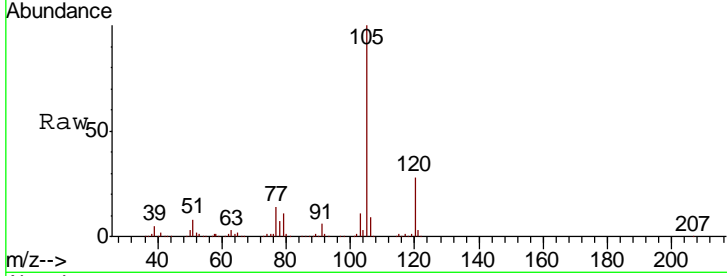


#73  
 Isopropylbenzene  
 Concen: 20.674 ug/l  
 RT: 12.47 min Scan# 1733  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

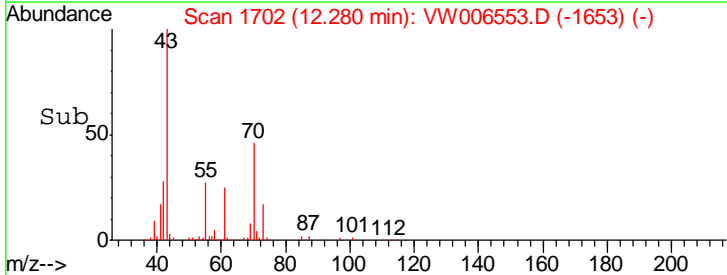
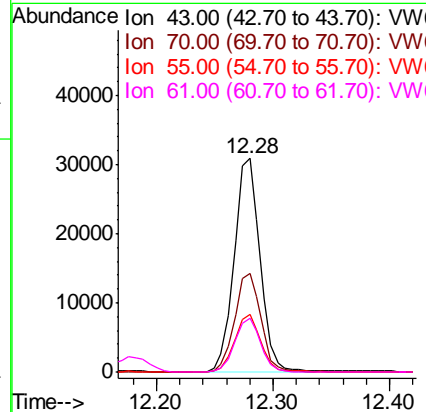
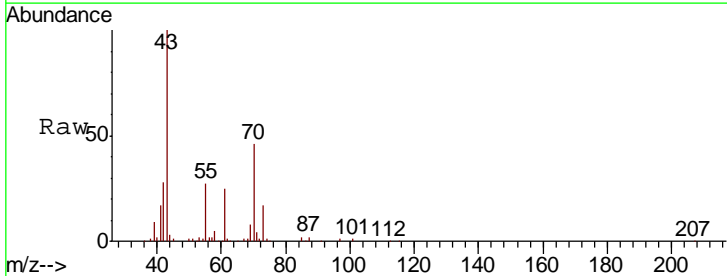
Tgt Ion	Resp	Lower	Upper
105	100		
120	27.3	13.7	41.1

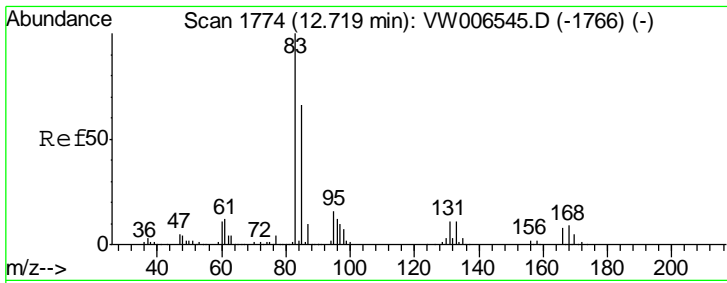
Manual Integrations  
**APPROVED**  
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 11/2/2018 3:20:53 PM



#74  
 N-nyl acetate  
 Concen: 18.691 ug/l  
 RT: 12.28 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
43	100		
70	46.6	36.9	55.3
55	27.1	20.7	31.1
61	24.9	20.7	31.1



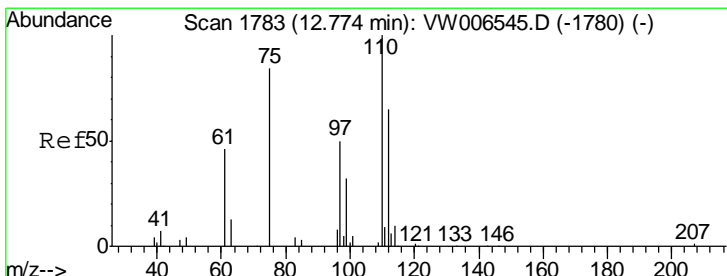
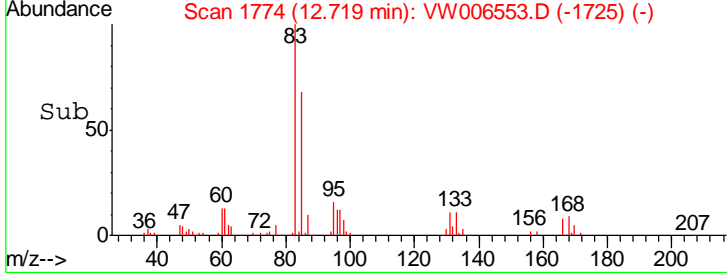
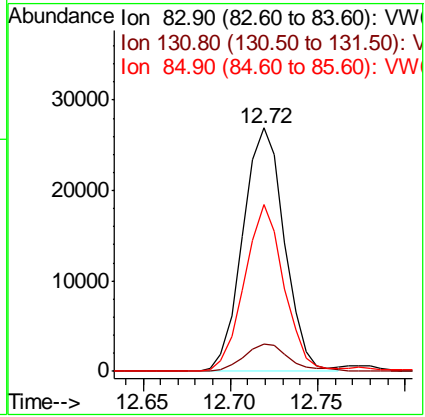
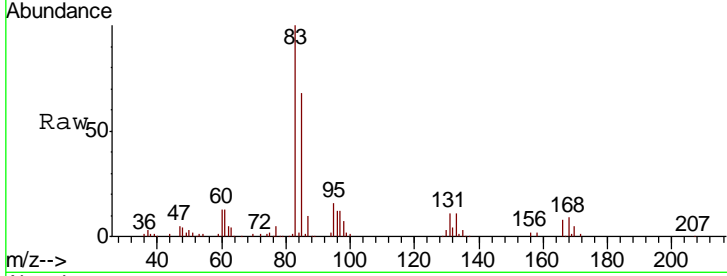


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.052 ug/l  
 RT: 12.72 min Scan# 1774  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW1102SBS01

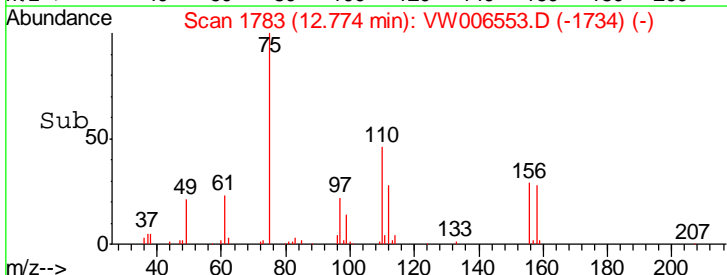
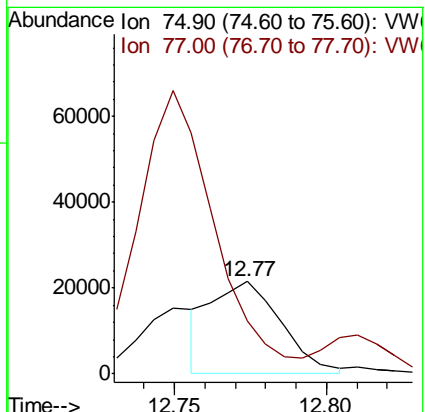
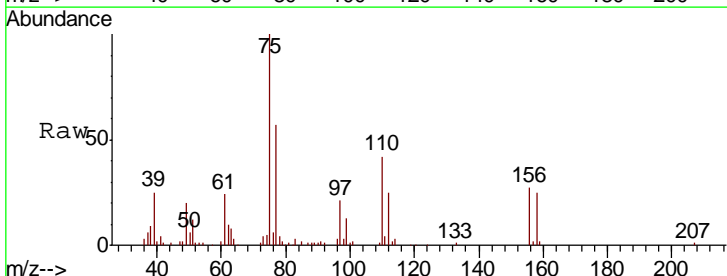
Tgt Ion	Resp	Lower	Upper
83	100		
131	12.2	5.9	17.7
85	64.7	32.3	96.8

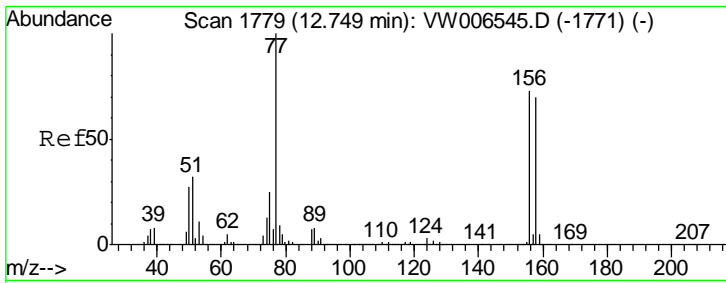
**Manual Integrations**  
**APPROVED**  
 apatel  
 11/2/2018 3:20:53 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 19.534 ug/l m  
 RT: 12.77 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0



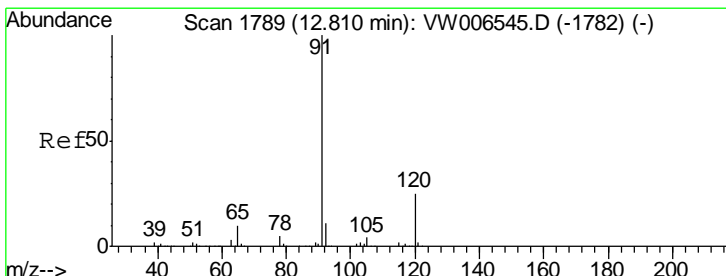
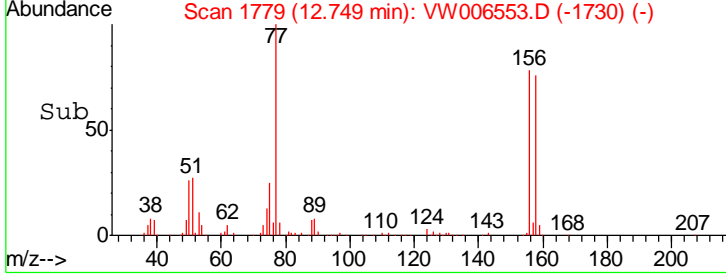
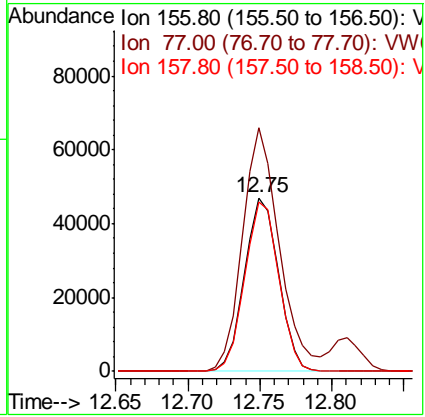
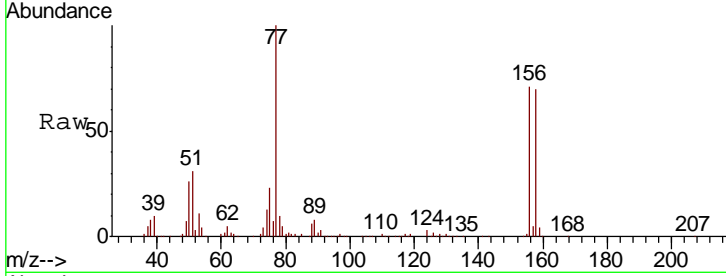


#77  
 Bromobenzene  
 Concen: 19.992 ug/l  
 RT: 12.75 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 Client Sampled : VW1102SBS01

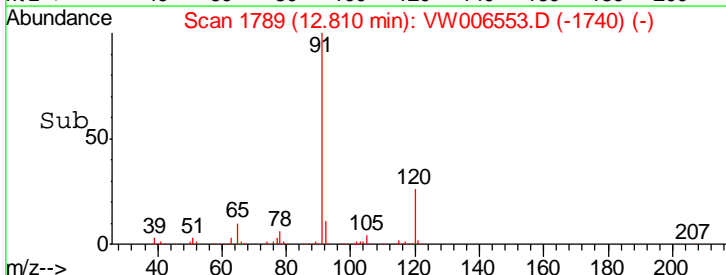
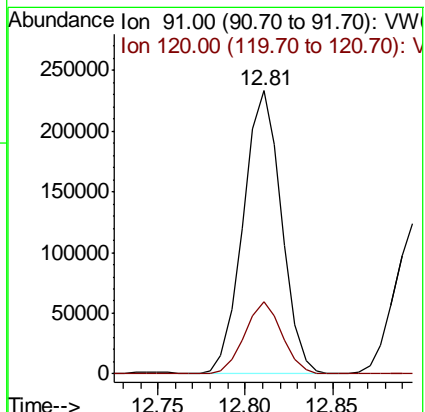
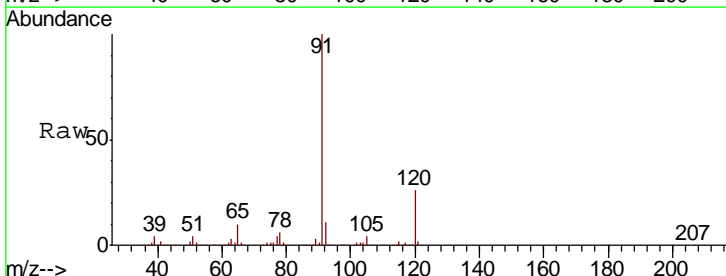
Tgt Ion	Resp	Lower	Upper
156	76806		
77	152.3	75.9	227.8
158	97.5	48.6	145.9

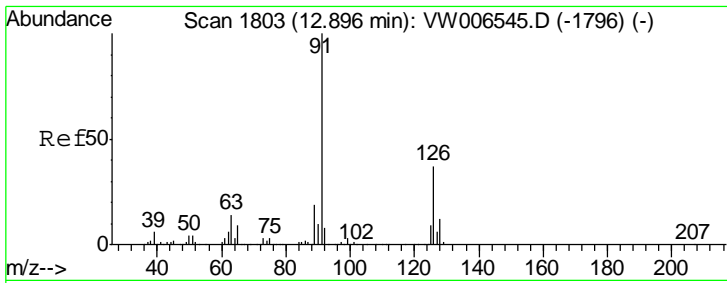
Manual Integrations  
**APPROVED**  
 apatel  
 11/2/2018 3:20:53 PM



#78  
 n-propylbenzene  
 Concen: 20.854 ug/l  
 RT: 12.81 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
91	355919		
120	25.0	12.4	37.0





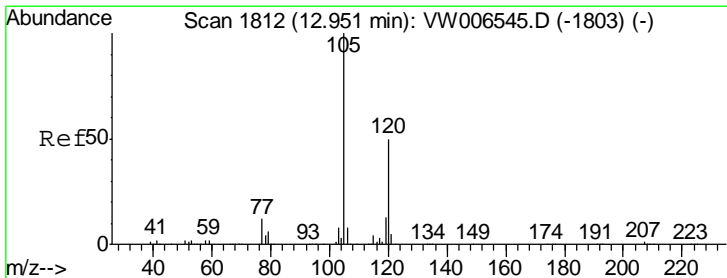
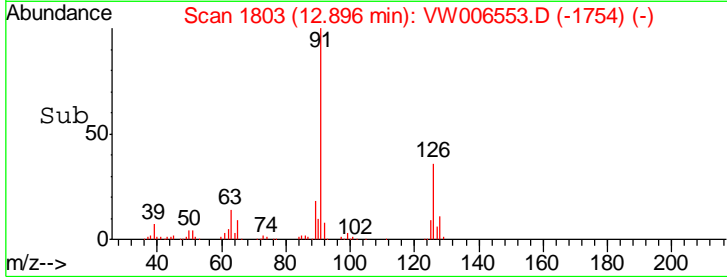
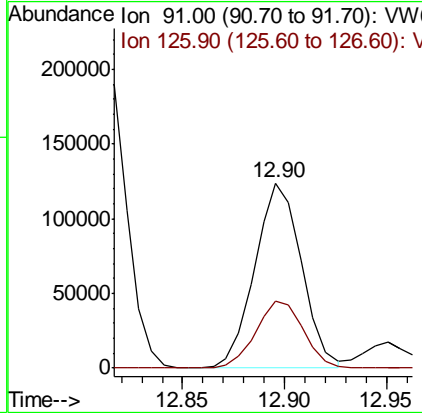
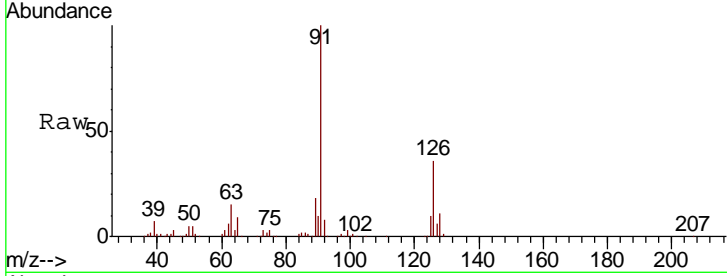
#79  
 2-Chlorotoluene  
 Concen: 20.179 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 Client Sampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
91	100		
126	37.4	18.5	55.5

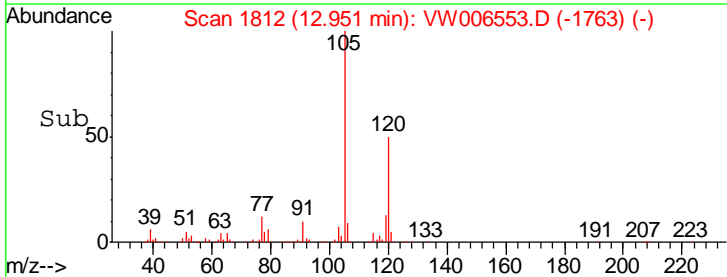
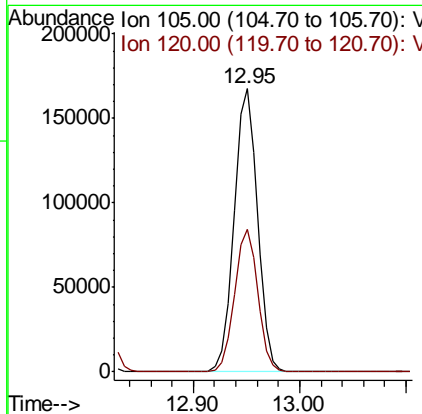
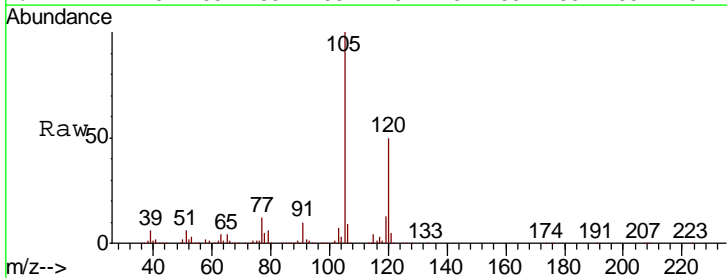
Manual Integrations  
 APPROVED

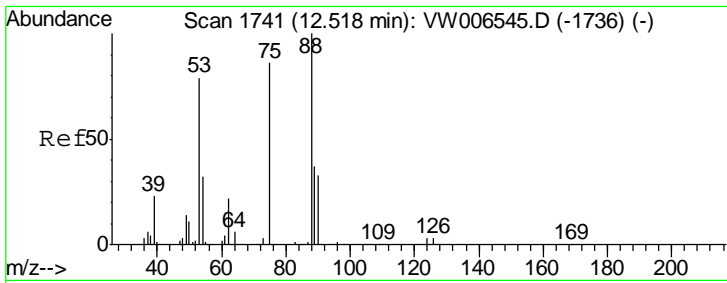
apatel  
 11/2/2018 3:20:53 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.726 ug/l  
 RT: 12.95 min Scan# 1812  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
105	100		
120	50.0	25.1	75.3



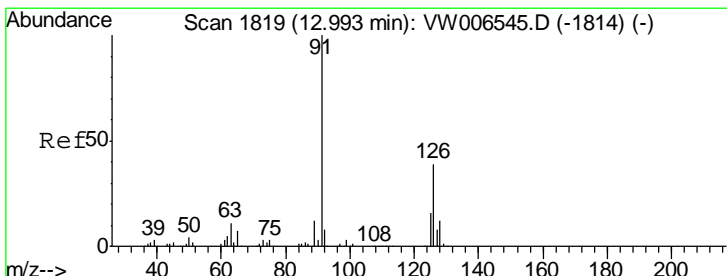
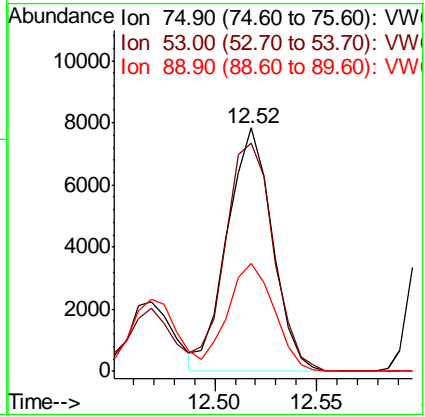
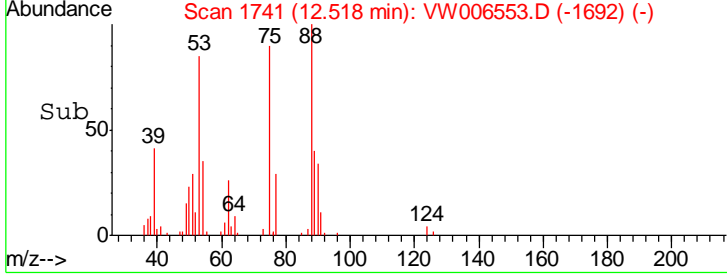
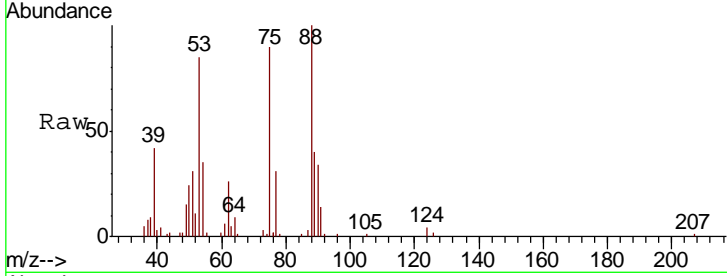


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.424 ug/l  
 RT: 12.52 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

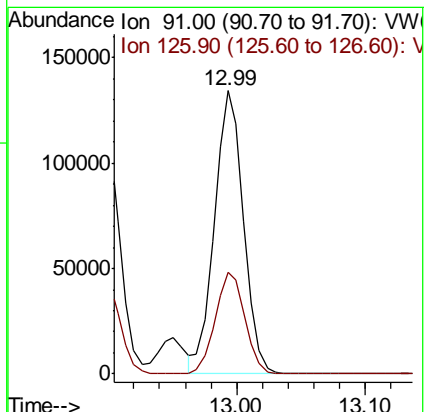
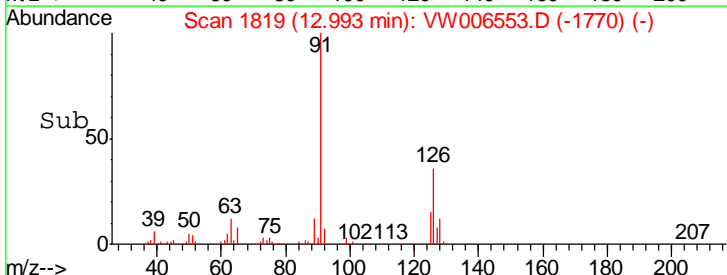
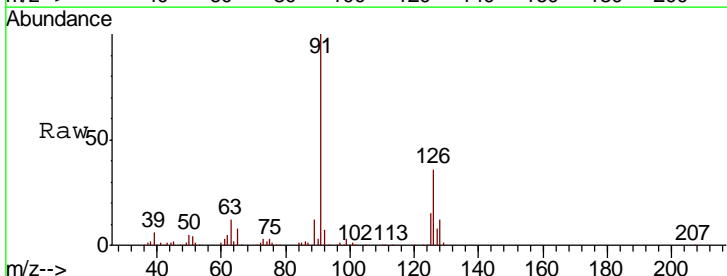
Tgt Ion	Resp	Lower	Upper
75	12015		
75	100		
53	100.1	77.2	115.8
89	45.5	38.6	58.0

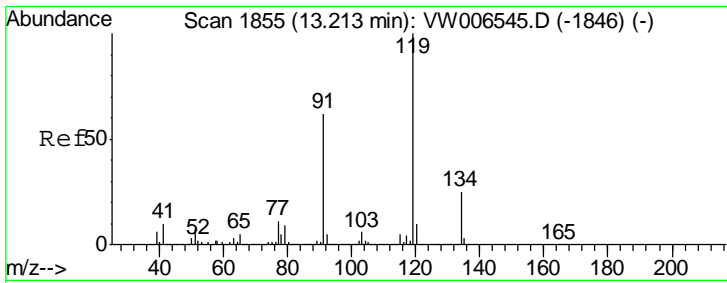
Manual Integrations  
**APPROVED**  
 apatel  
 11/2/2018 3:20:53 PM



#82  
 4-Chlorotoluene  
 Concen: 20.431 ug/l  
 RT: 12.99 min Scan# 1819  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
91	211719		
91	100		
126	36.7	18.5	55.5





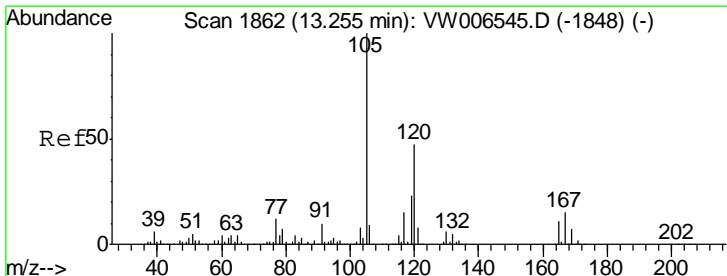
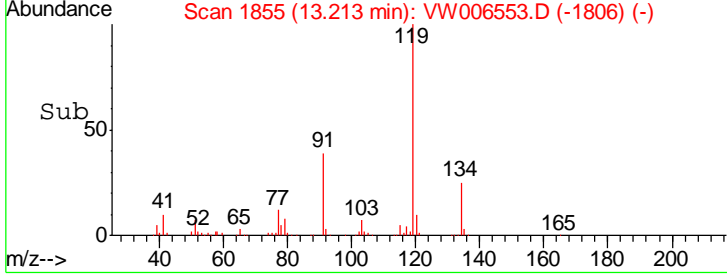
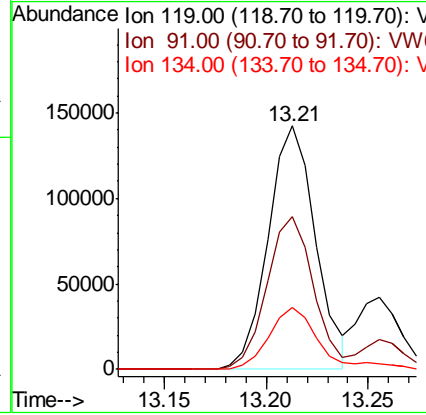
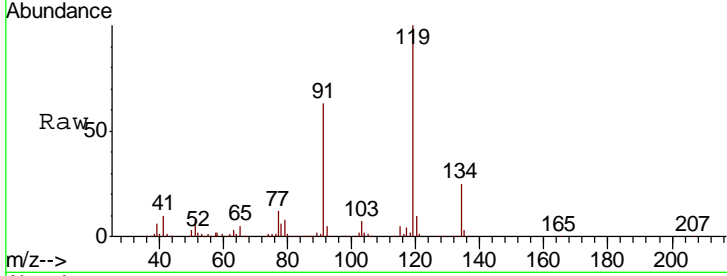
#83  
 tert-Butylbenzene  
 Concen: 20.730 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 Client Sampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
119	230448		
91	61.8	30.4	91.3
134	27.0	13.5	40.4

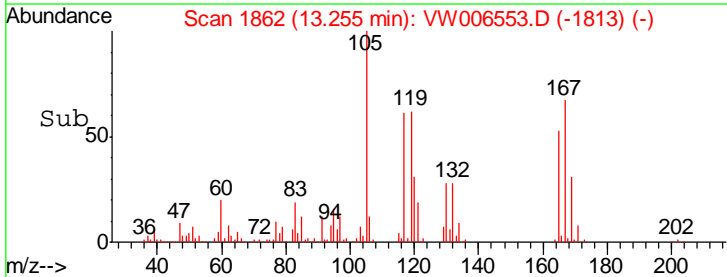
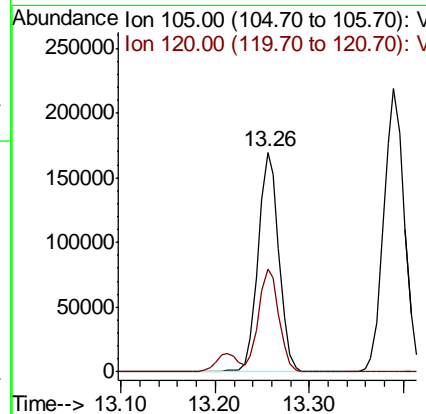
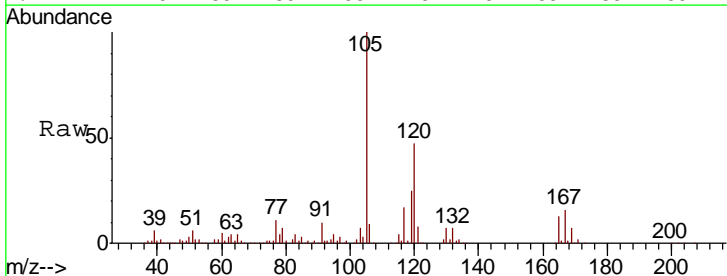
Manual Integrations  
 APPROVED

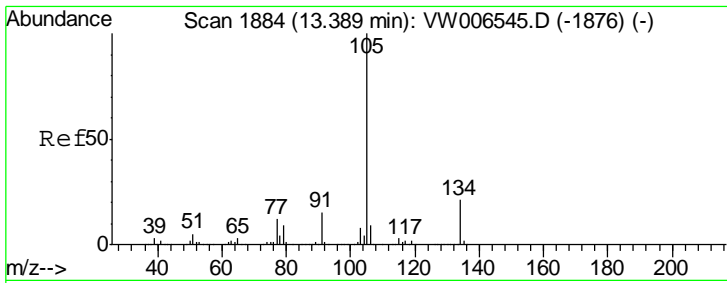
apatel  
 11/2/2018 3:20:53 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.619 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
105	263645		
120	46.1	23.2	69.6



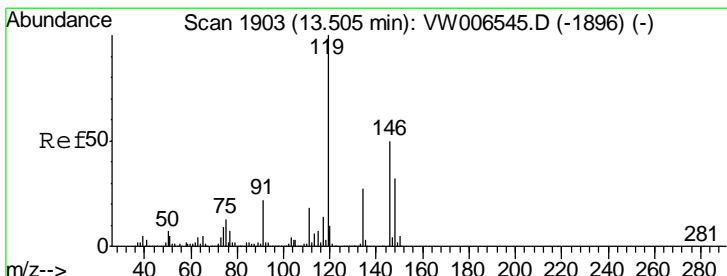
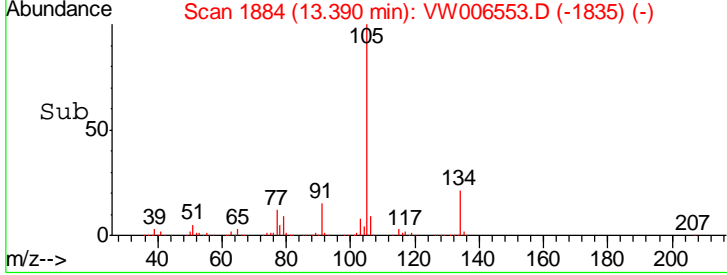
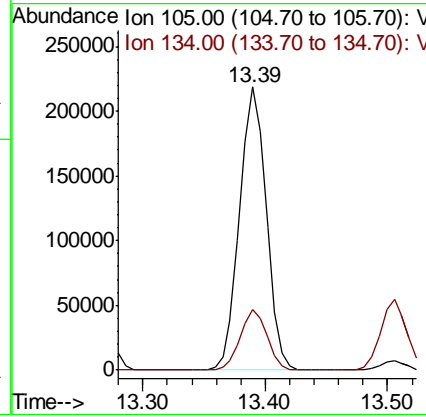
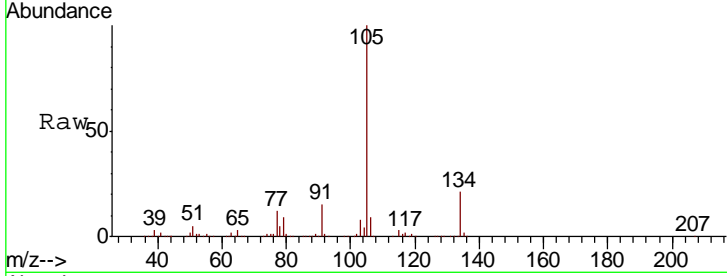


#85  
 sec-Butylbenzene  
 Concen: 21.193 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 Client Sampled : VW1102SBS01

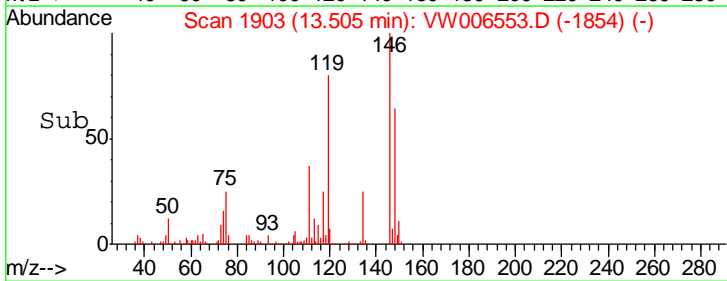
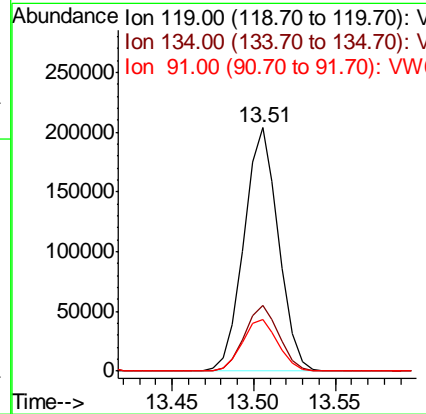
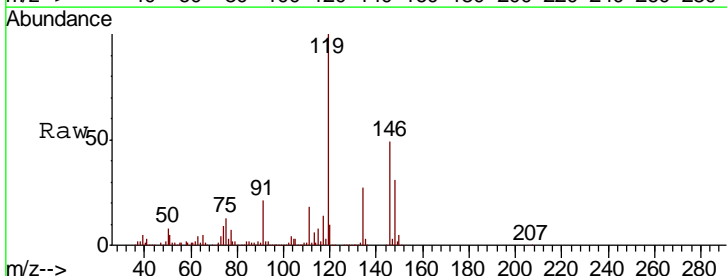
Tgt Ion	Resp	Lower	Upper
105	329968		
134	21.2	10.6	31.8

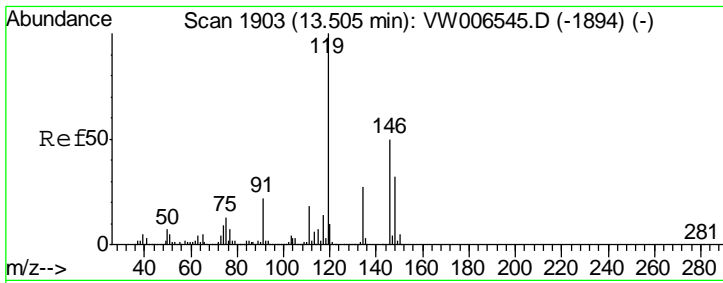
Manual Integrations APPROVED  
 apatel  
 11/2/2018 3:20:53 PM



#86  
 p-Isopropyltoluene  
 Concen: 21.024 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
119	297846		
134	27.2	13.6	40.7
91	22.1	10.9	32.6



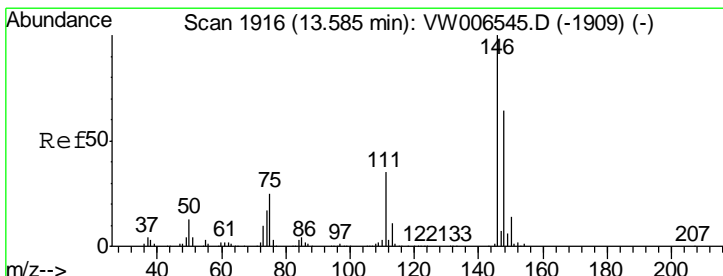
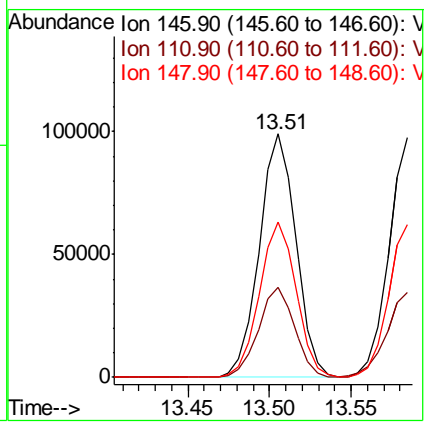
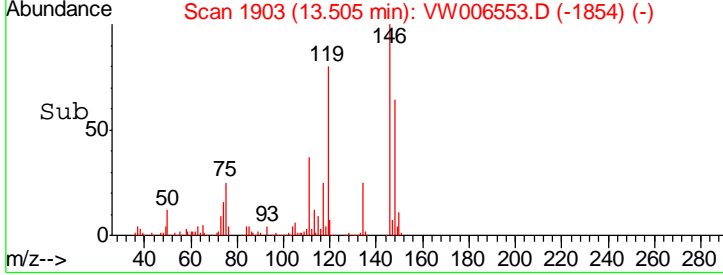
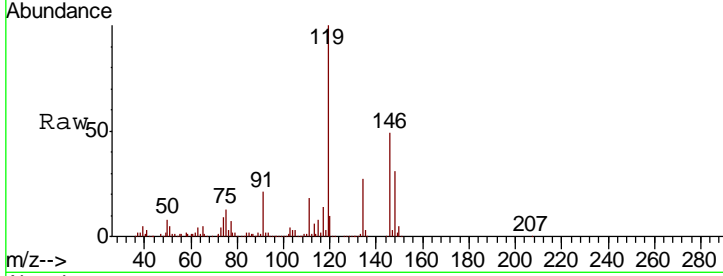


#87  
 1,3-Dichlorobenzene  
 Concen: 20.413 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

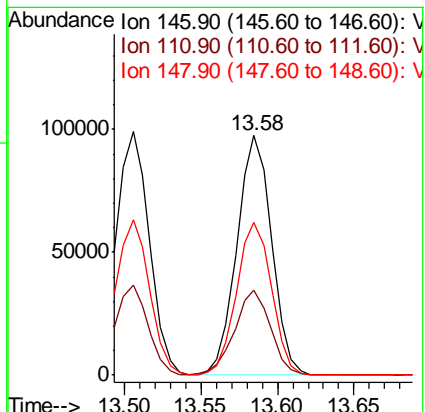
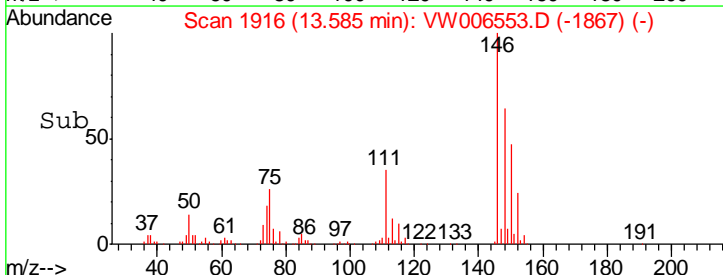
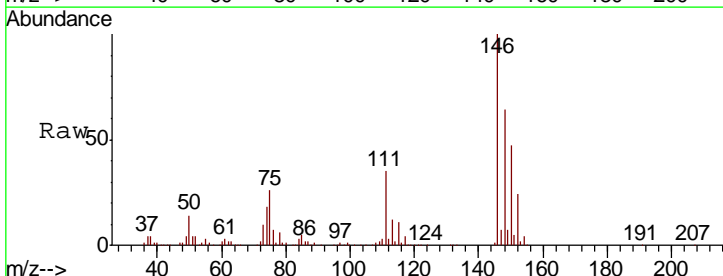
Tgt Ion	Resp	Lower	Upper
146	154444		
146	100		
111	36.7	18.6	55.6
148	63.9	32.1	96.3

Manual Integrations  
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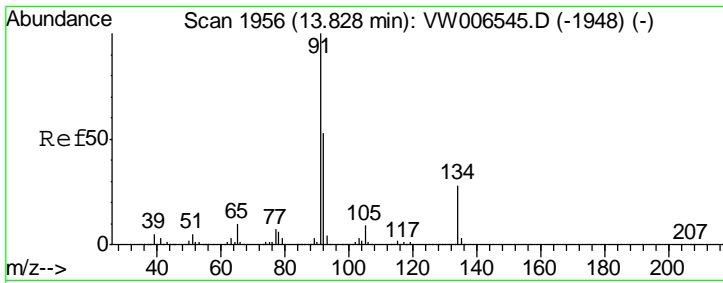


#88  
 1,4-Dichlorobenzene  
 Concen: 20.478 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
146	153576		
146	100		
111	36.7	17.9	53.7
148	64.5	32.1	96.5





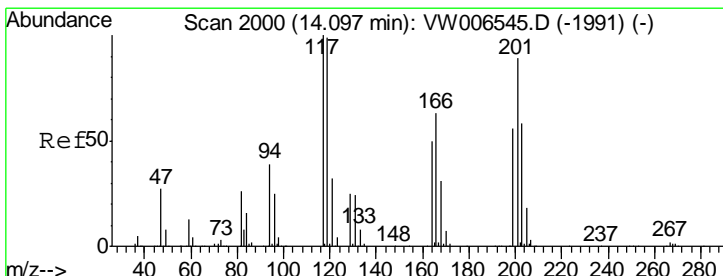
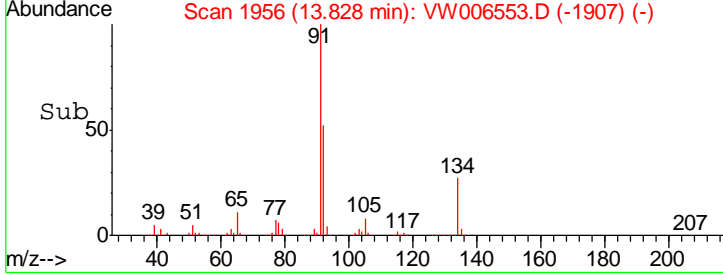
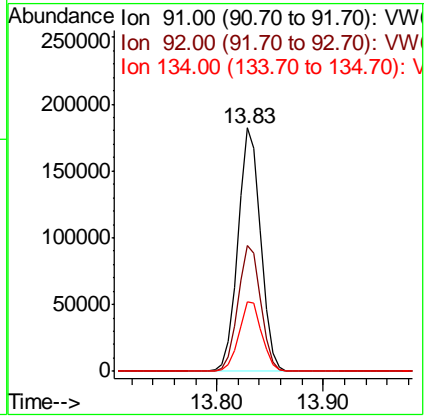
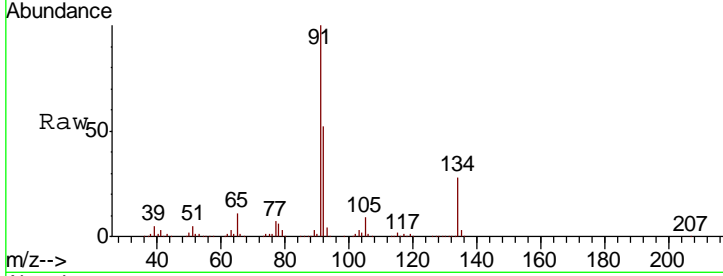


#89  
 n-Butylbenzene  
 Concen: 21.575 ug/l  
 RT: 13.83 min Scan# 1956  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

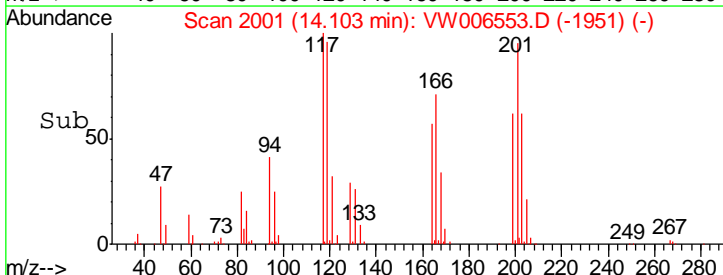
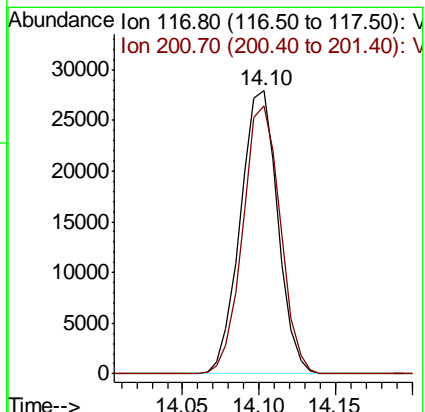
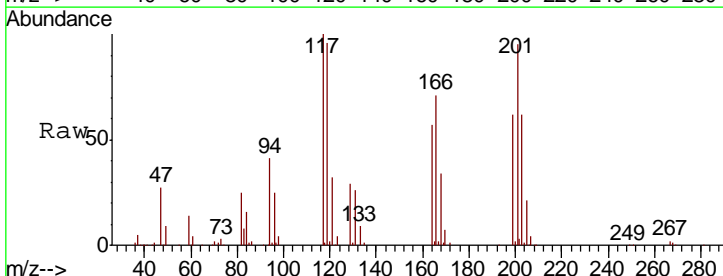
Tgt Ion	Resp	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	29.0	14.3	42.9

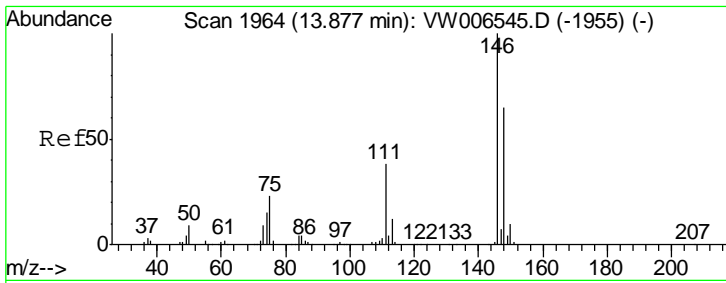
Manual Integrations  
**APPROVED**  
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#90  
 Hexachloroethane  
 Concen: 20.397 ug/l  
 RT: 14.10 min Scan# 2001  
 Delta R.T. 0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
117	100		
201	94.9	46.8	140.3





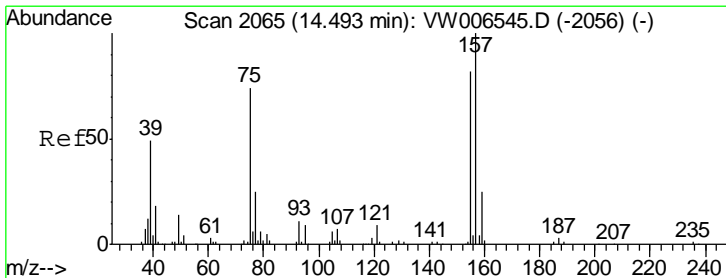
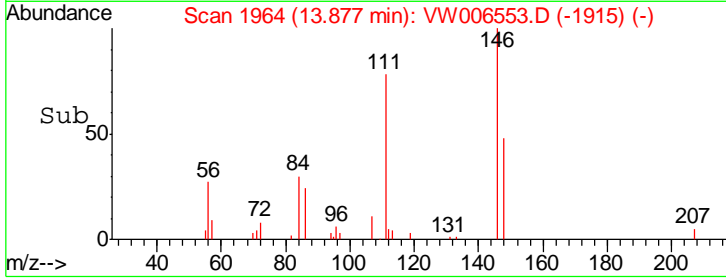
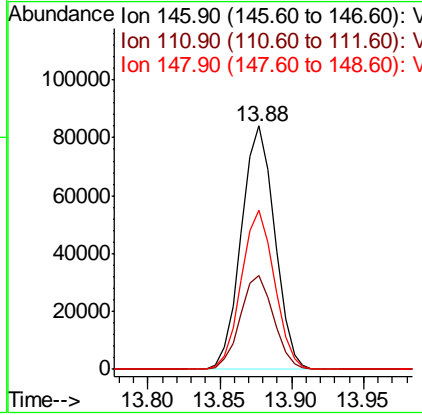
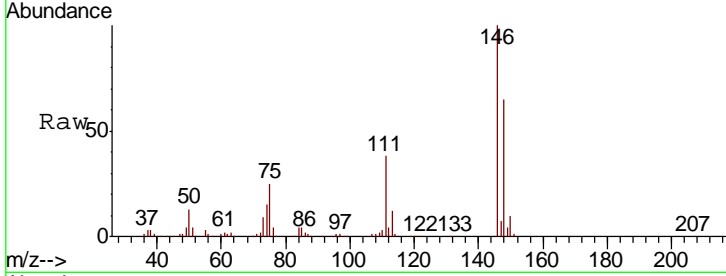
#91  
 1,2-Dichlorobenzene  
 Concen: 19.872 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
146	135245		
111	38.2	19.1	57.5
148	64.8	32.0	96.0

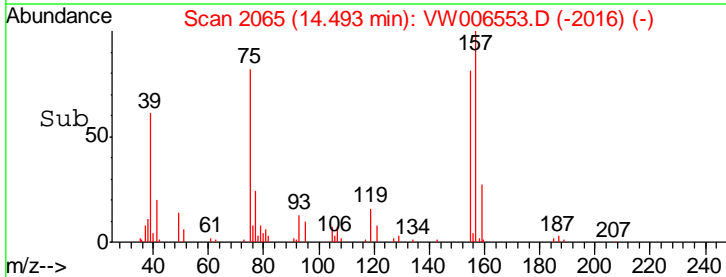
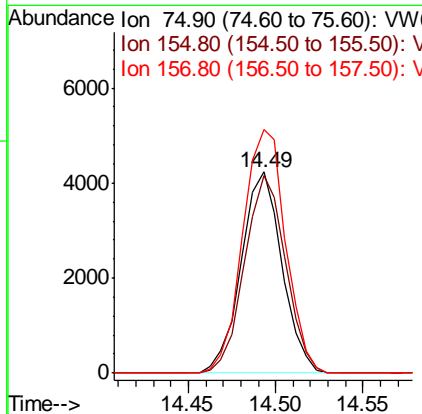
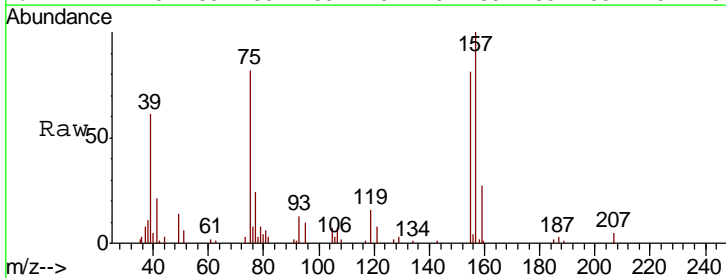
Manual Integrations  
 APPROVED

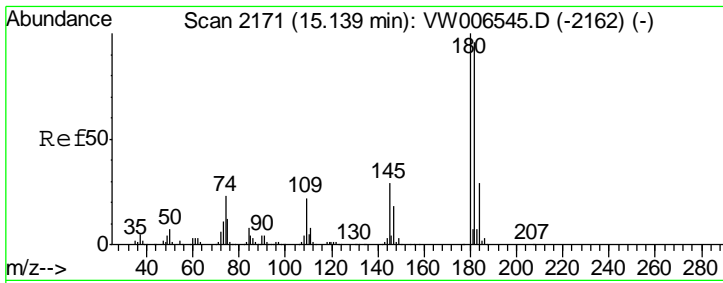
apatel  
 11/2/2018 3:20:53 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.090 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
75	6879		
155	98.9	50.6	151.8
157	126.8	65.0	195.0





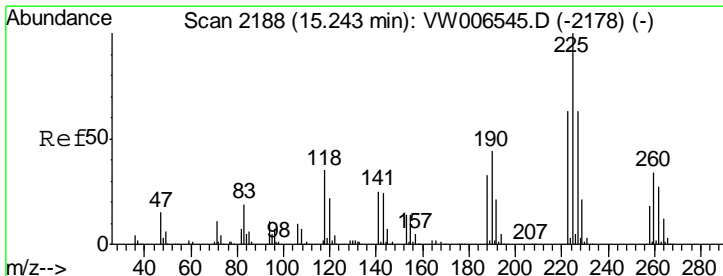
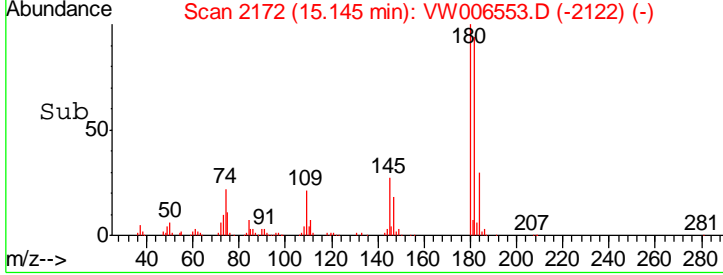
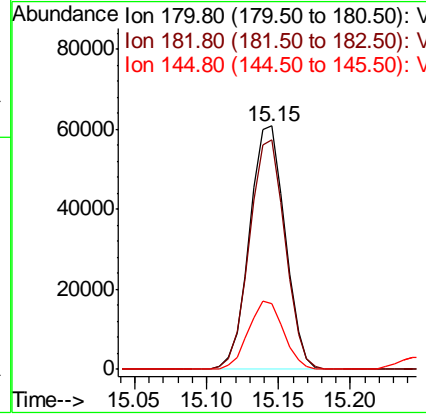
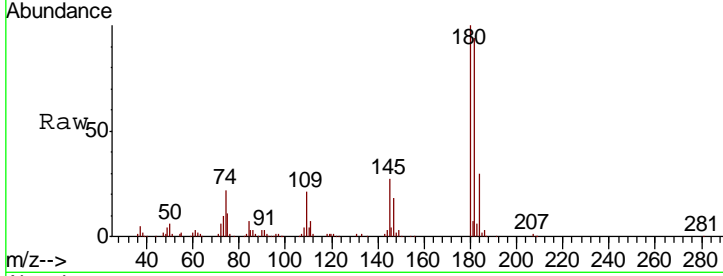
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.434 ug/l  
 RT: 15.15 min Scan# 2172  
 Delta R.T. 0.01 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Instrument : MSVOA\_W  
 ClientSampled : VW1102SBS01

Tgt Ion	Resp	Lower	Upper
180	103405		
182	94.9	47.5	142.6
145	27.8	14.0	42.0

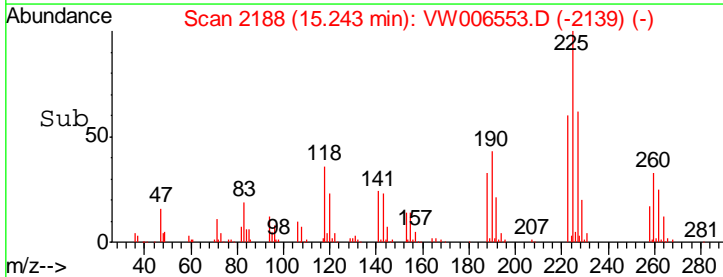
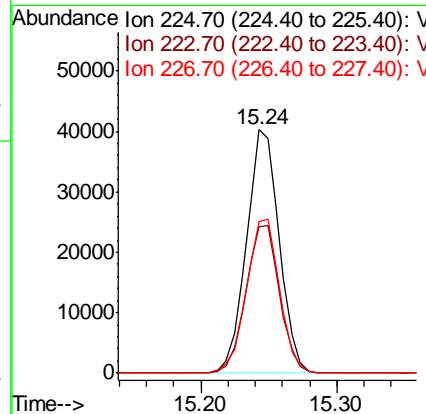
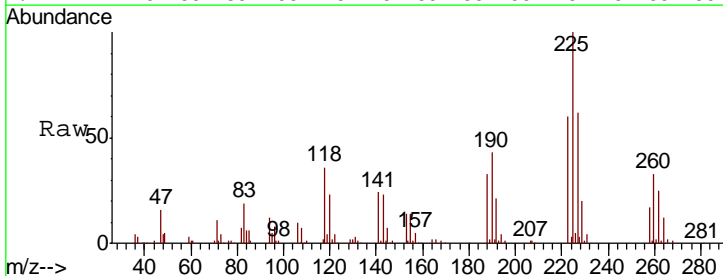
Manual Integrations  
 APPROVED

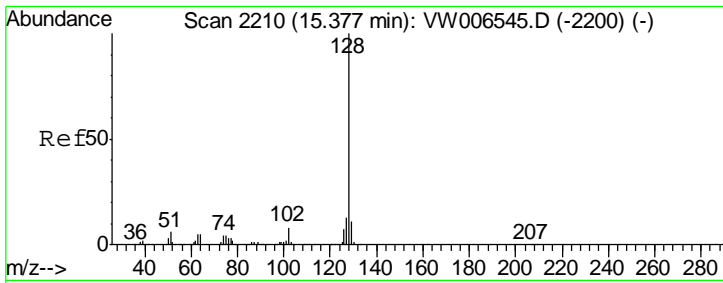
apatel  
 11/2/2018 3:20:53 PM



#94  
 Hexachlorobutadiene  
 Concen: 21.473 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
225	67726		
223	62.0	31.4	94.2
227	63.9	32.2	96.6





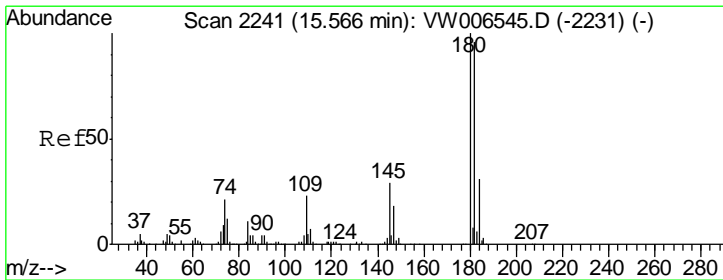
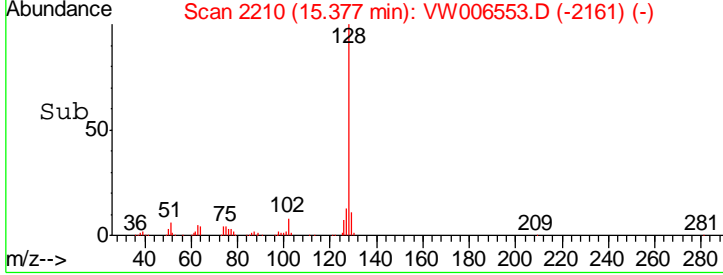
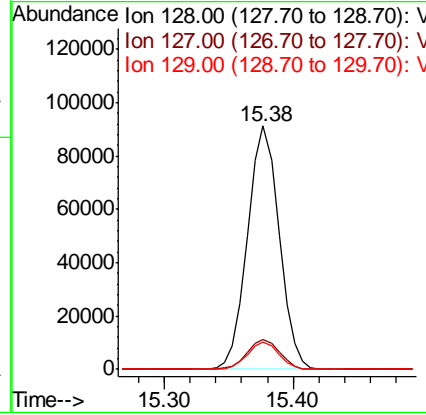
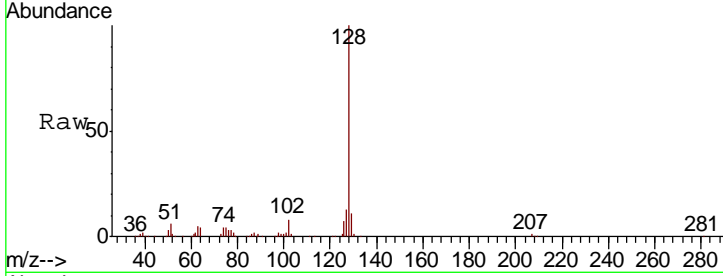
#95  
 Naphthalene  
 Concen: 19.014 ug/l  
 RT: 15.38 min Scan# 2210  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VW1102SBS01

Tgt Ion	Resp	Lower	Upper
128	154644		
127	12.7	10.3	15.5
129	11.2	8.7	13.1

**Manual Integrations**  
**APPROVED**

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#96  
 1,2,3-Trichlorobenzene  
 Concen: 19.895 ug/l  
 RT: 15.57 min Scan# 2241  
 Delta R.T. 0.00 min  
 Lab File: VW006553.D  
 Acq: 01 Nov 2018 12:39

Tgt Ion	Resp	Lower	Upper
180	88485		
182	95.8	48.2	144.6
145	29.8	14.9	44.5

