

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\  
 Data File : VW004836.D  
 Acq On : 21 Aug 2018 13:02  
 Operator : SY/AP  
 Sample : VW0821SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VW0821SBSD01

**Manual Integrations**  
**APPROVED**  
 apatel  
 8/22/2018 11:25:20 AM

Quant Time: Aug 22 05:35:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	632719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	928057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	869114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	463373	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	287503	47.00	ug/l	0.00
Spiked Amount				50.000		
Recovery						94.00%
35) Dibromofluoromethane	7.88	113	297995	50.24	ug/l	0.00
Spiked Amount				50.000		
Recovery						100.48%
50) Toluene-d8	10.33	98	1217770	52.59	ug/l	0.00
Spiked Amount				50.000		
Recovery						105.18%
62) 4-Bromofluorobenzene	12.62	95	429145	51.52	ug/l	0.00
Spiked Amount				50.000		
Recovery						103.04%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	83671	19.96	ug/l	99
3) Chloromethane	2.22	50	103047	18.81	ug/l	97
4) Vinyl Chloride	2.37	62	174307	21.61	ug/l	98
5) Bromomethane	2.79	94	107033	21.49	ug/l	97
6) Chloroethane	2.93	64	104071	21.38	ug/l	100
7) Trichlorofluoromethane	3.26	101	92888	24.45	ug/l	98
8) Diethyl Ether	3.68	74	67208	19.56	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141917	21.69	ug/l	99
10) Methyl Iodide	4.27	142	204061	20.54	ug/l	99
11) Tert butyl alcohol	5.22	59	28943	84.69	ug/l	# 93
12) 1,1-Dichloroethene	4.03	96	133671	20.50	ug/l	99
13) Acrolein	3.90	56	42865	93.47	ug/l	100
14) Allyl chloride	4.67	41	196771	19.89	ug/l	100
15) Acrylonitrile	5.38	53	130056	90.27	ug/l	99
16) Acetone	4.14	43	148573	95.14	ug/l	100
17) Carbon Disulfide	4.38	76	443700	20.71	ug/l	99
18) Methyl Acetate	4.68	43	60771	18.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	160456	18.96	ug/l	95
20) Methylene Chloride	4.92	84	160357	19.89	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	141847	20.45	ug/l	98
22) Diisopropyl ether	6.32	45	395477	20.79	ug/l	99
23) Vinyl Acetate	6.26	43	1005297	93.45	ug/l	100
24) 1,1-Dichloroethane	6.22	63	250491	20.27	ug/l	100
25) 2-Butanone	7.18	43	197652	88.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	151884	21.28	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	150433	20.14	ug/l	100
28) Bromochloromethane	7.51	49	99348	19.09	ug/l	100
29) Tetrahydrofuran	7.54	42	98783	87.07	ug/l	100
30) Chloroform	7.68	83	244479	20.11	ug/l	96
31) Cyclohexane	7.96	56	243498	20.37	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	202257	20.99	ug/l	98
36) 1,1-Dichloropropene	8.09	75	202650	21.20	ug/l	99
37) Ethyl Acetate	7.26	43	72698	19.08	ug/l	99
38) Carbon Tetrachloride	8.07	117	189380	21.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	253459	21.20	ug/l	99
40) Benzene	8.33	78	578078	20.81	ug/l	100
41) Methacrylonitrile	7.49	41	36442	16.85	ug/l	89
42) 1,2-Dichloroethane	8.40	62	143731	20.17	ug/l	100
43) Isopropyl Acetate	8.43	43	124589	18.20	ug/l	98
44) Trichloroethene	9.10	130	147184	20.87	ug/l	97
45) 1,2-Dichloropropane	9.37	63	137636	20.25	ug/l	98
46) Dibromomethane	9.46	93	66210	19.66	ug/l	99
47) Bromodichloromethane	9.65	83	161333	20.06	ug/l	99
48) Methyl methacrylate	9.44	41	58232	18.13	ug/l	99
49) 1,4-Dioxane	9.48	88	19517	396.75	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	425414	91.95	ug/l	98
52) Toluene	10.39	92	358709	21.53	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	159738	19.72	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	194352	20.12	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	96470	20.16	ug/l	99
56) Ethyl methacrylate	10.65	69	105015	18.77	ug/l	100
57) 1,3-Dichloropropane	10.94	76	165405	20.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	254290	96.20	ug/l	100
59) 2-Hexanone	10.98	43	297469	94.89	ug/l	99
60) Dibromochloromethane	11.13	129	106746	19.88	ug/l	100
61) 1,2-Dibromoethane	11.24	107	89119	19.48	ug/l	99
64) Tetrachloroethene	10.87	164	126437	21.29	ug/l	97
65) Chlorobenzene	11.66	112	390273	20.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	127043	20.11	ug/l	99
67) Ethyl Benzene	11.74	91	665375	20.98	ug/l	99
68) m/p-Xylenes	11.85	106	532798	43.18	ug/l	100
69) o-Xylene	12.17	106	242738	21.25	ug/l	97
70) Styrene	12.19	104	404965	21.11	ug/l	99
71) Bromoform	12.35	173	64120	19.23	ug/l #	100
73) Isopropylbenzene	12.47	105	672141	21.32	ug/l	100
74) N-amyl acetate	12.28	43	122221	19.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	112787	19.31	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73586m	18.01	ug/l	
77) Bromobenzene	12.75	156	155651	20.40	ug/l	99
78) n-propylbenzene	12.81	91	839299	21.82	ug/l	100
79) 2-Chlorotoluene	12.90	91	466926	21.06	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	580924	21.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31570	17.96	ug/l	96
82) 4-Chlorotoluene	12.99	91	505435	21.45	ug/l	99
83) tert-Butylbenzene	13.21	119	490393	21.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	597070	21.67	ug/l	100
85) sec-Butylbenzene	13.39	105	744164	21.76	ug/l	100
86) p-Isopropyltoluene	13.51	119	651942	21.91	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	325714	20.99	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	322840	20.81	ug/l	99
89) n-Butylbenzene	13.83	91	615184	21.38	ug/l	100
90) Hexachloroethane	14.10	117	113292	20.89	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	290917	20.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16951	18.57	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	201212	20.41	ug/l	98
94) Hexachlorobutadiene	15.24	225	131342	21.70	ug/l	99
95) Naphthalene	15.38	128	316087	18.89	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	178552	20.42	ug/l	99

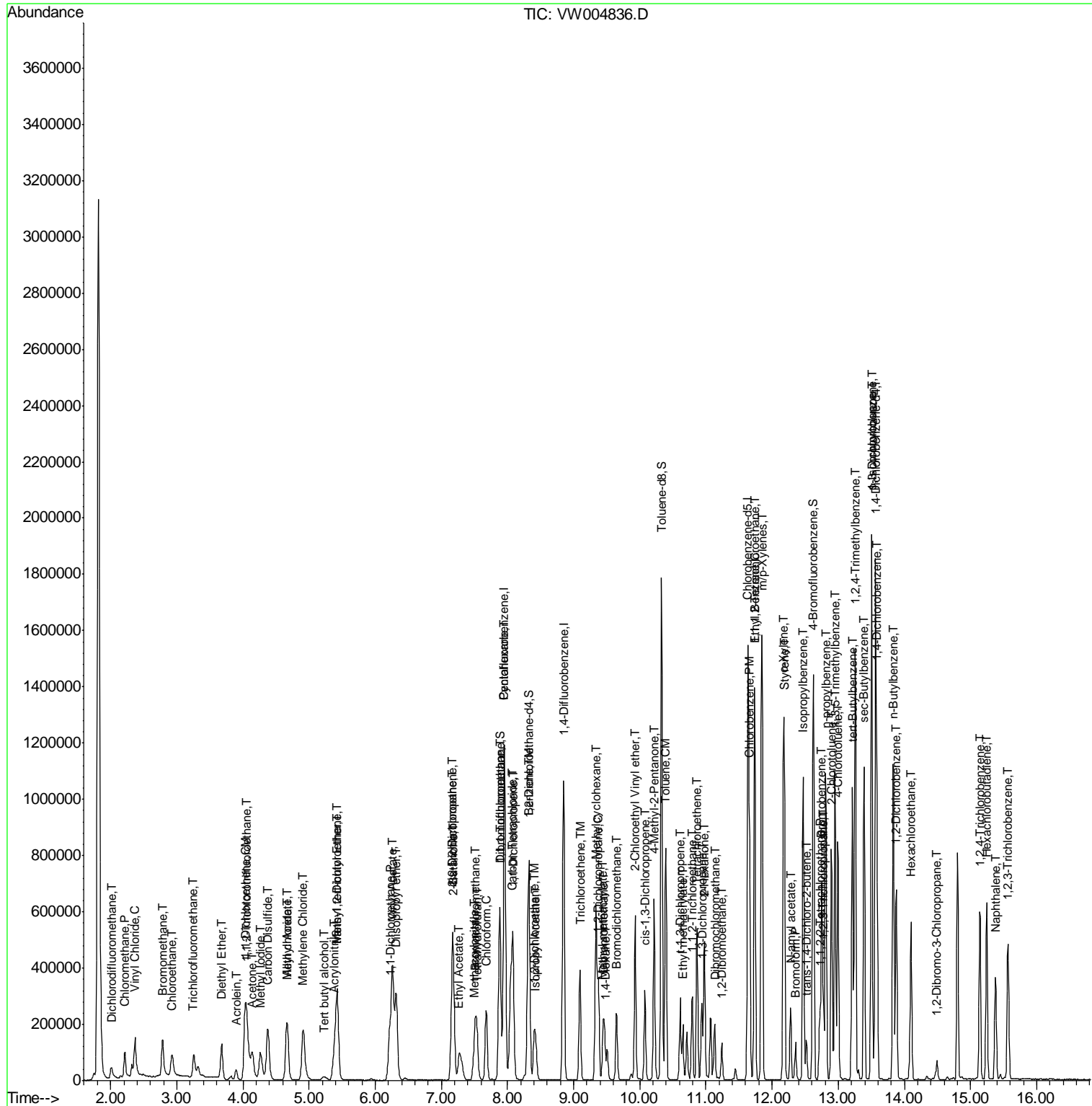
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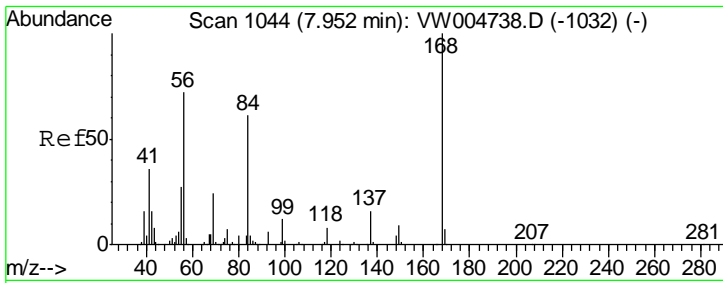
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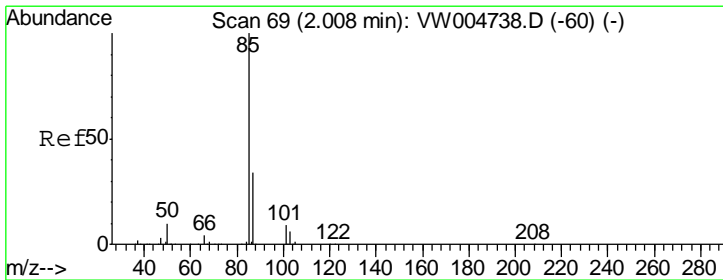
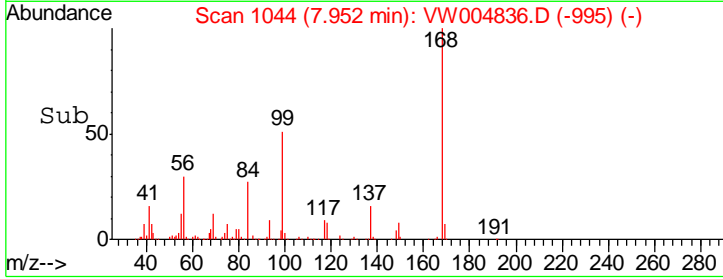
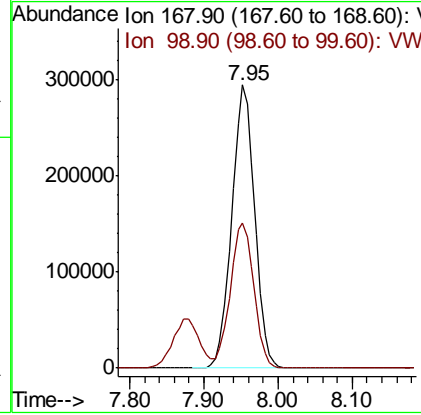
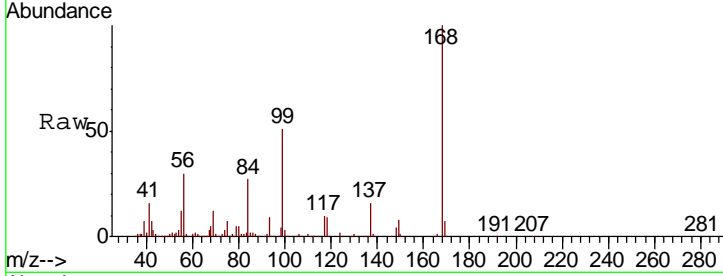
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 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.95 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
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 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
168	100		
99	51.3	41.0	61.4

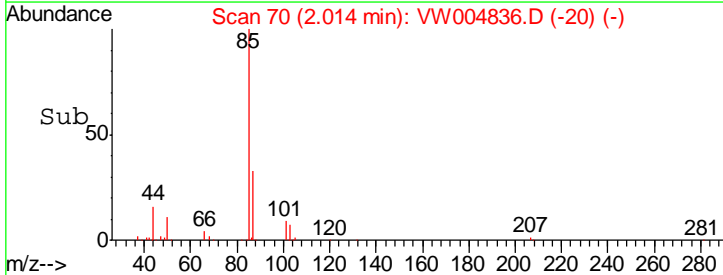
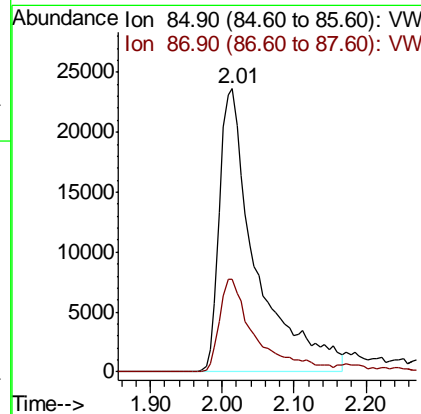
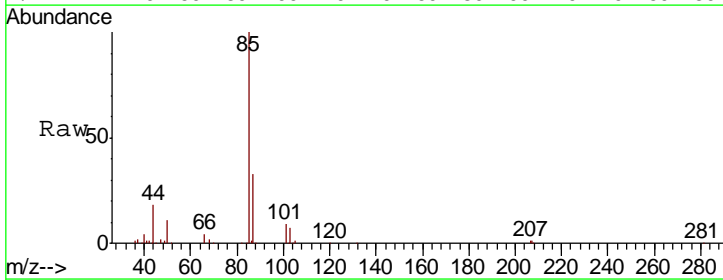
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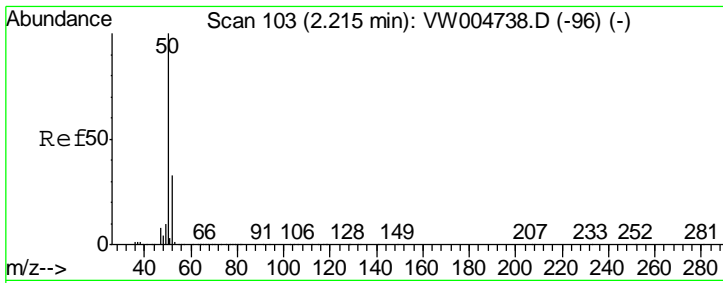
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#2  
 Dichlorodifluoromethane  
 Concen: 19.96 ug/l  
 RT: 2.01 min Scan# 70  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
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Tgt Ion	Resp	Lower	Upper
85	100		
87	32.8	16.8	50.4





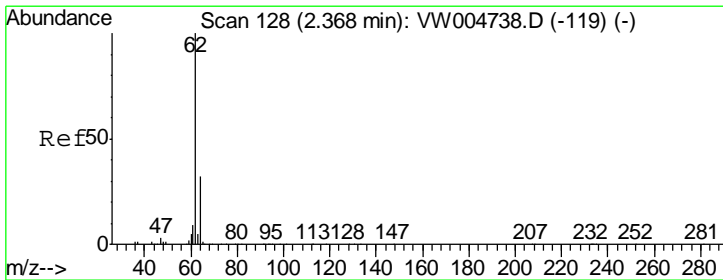
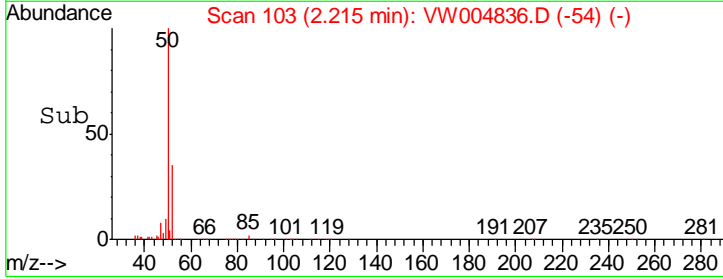
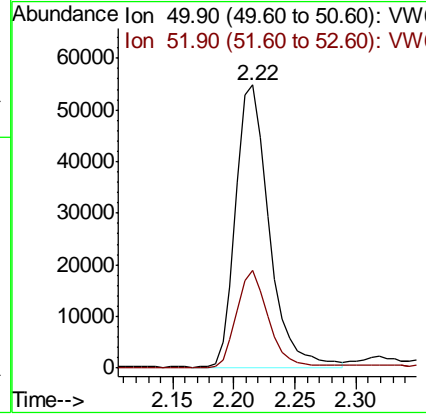
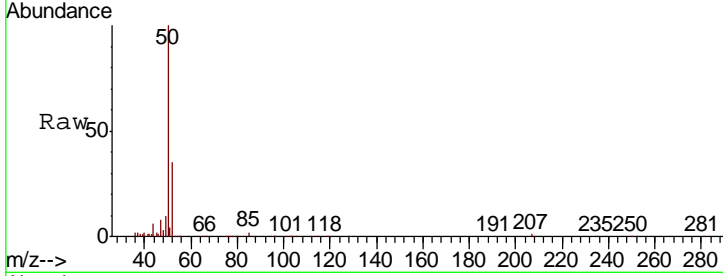
#3  
 Chloromethane  
 Concen: 18.81 ug/l  
 RT: 2.22 min Scan# 103  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
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Tgt Ion	Resp	Lower	Upper
50	103047		
52	34.9	26.7	40.1

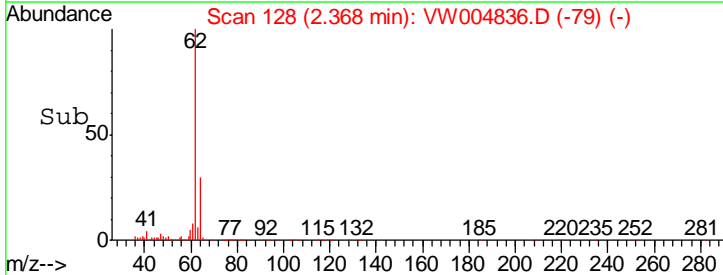
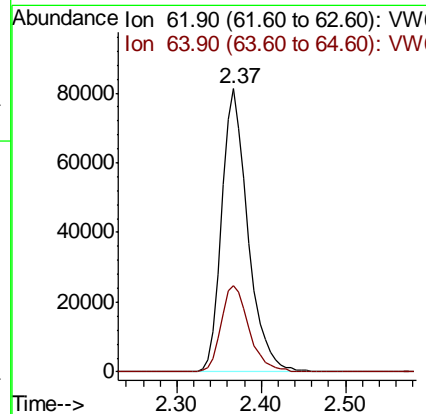
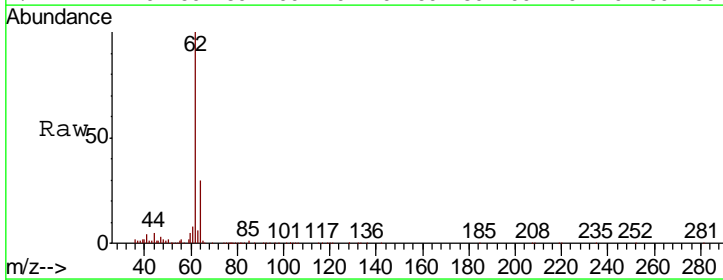
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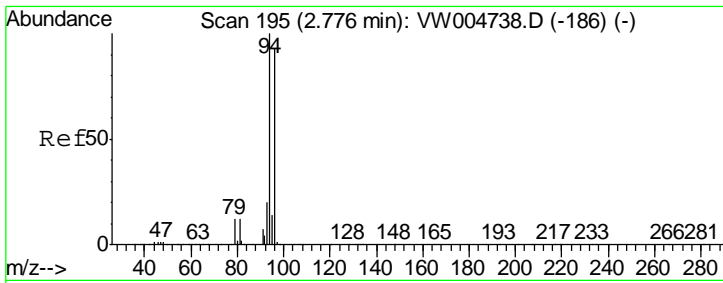
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#4  
 Vinyl Chloride  
 Concen: 21.61 ug/l  
 RT: 2.37 min Scan# 128  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
62	174307		
64	30.3	25.2	37.8





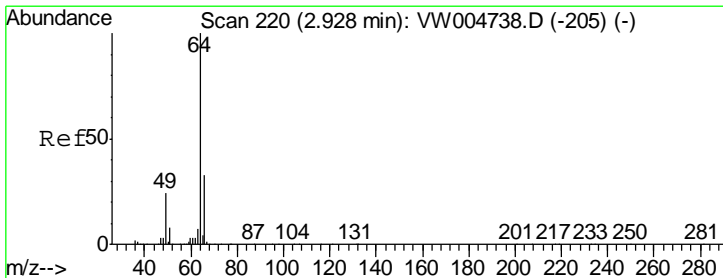
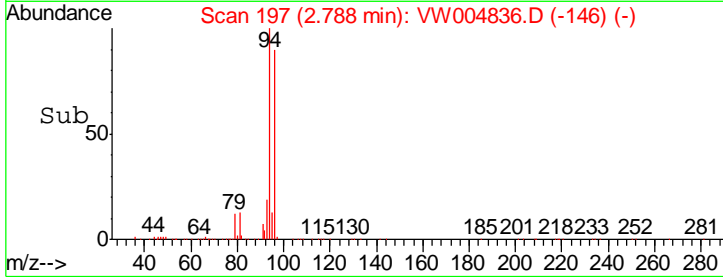
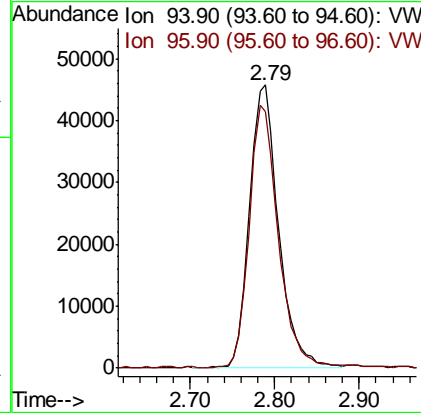
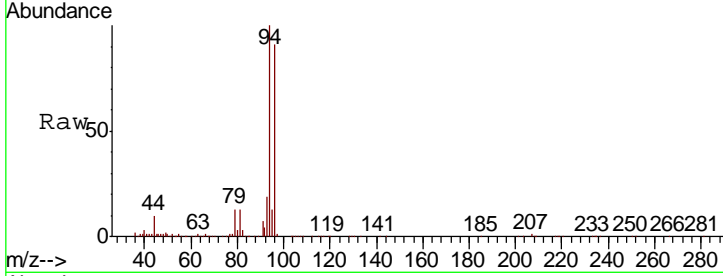
#5  
 Bromomethane  
 Concen: 21.49 ug/l  
 RT: 2.79 min Scan# 197  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
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Tgt Ion	Resp	Lower	Upper
94	107033		
96	90.0	74.3	111.5

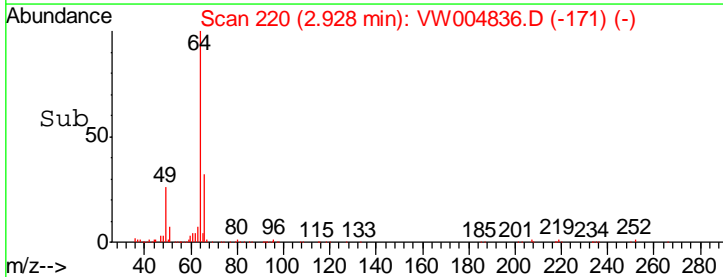
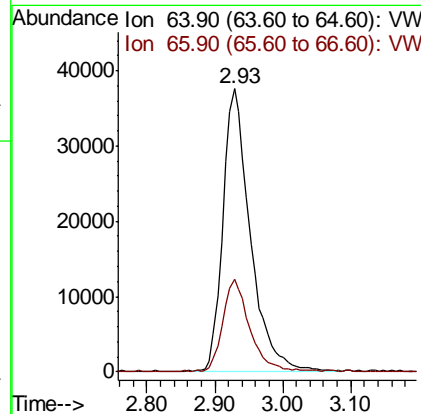
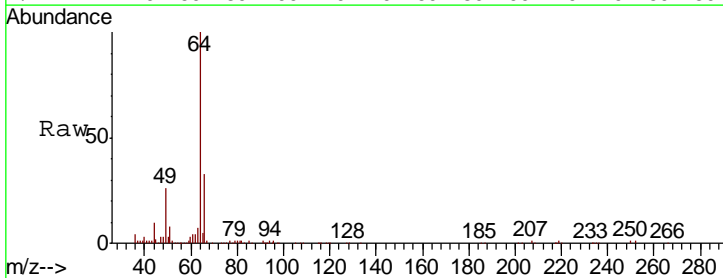
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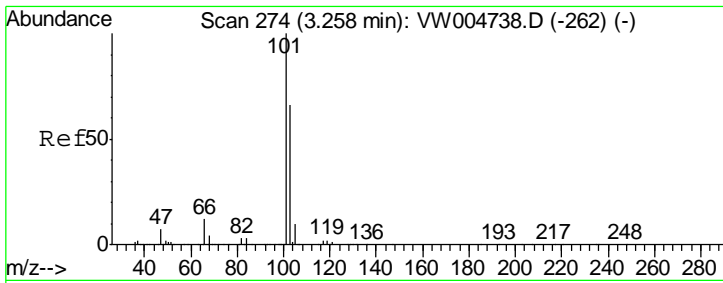
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#6  
 Chloroethane  
 Concen: 21.38 ug/l  
 RT: 2.93 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
64	104071		
66	32.4	26.1	39.1





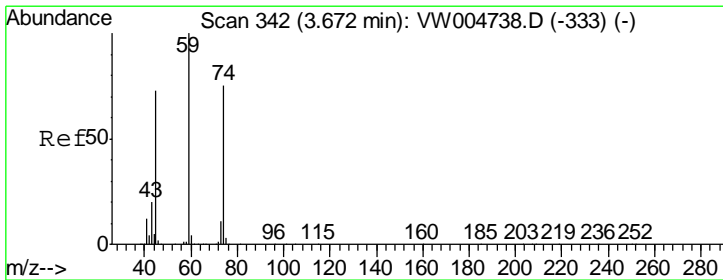
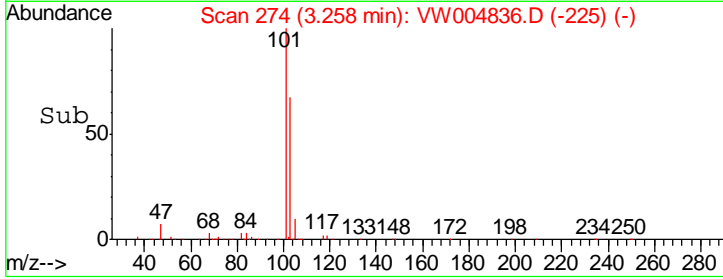
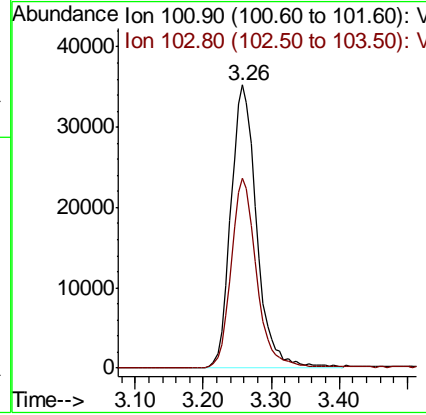
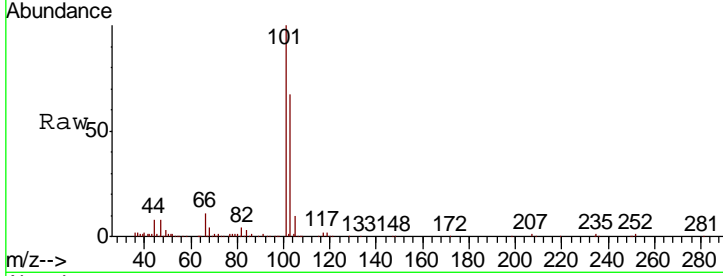
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 Trichlorofluoromethane  
 Concen: 24.45 ug/l  
 RT: 3.26 min Scan# 274  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
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Tgt Ion	Resp	Lower	Upper
101	92888		
103	67.0	52.5	78.7

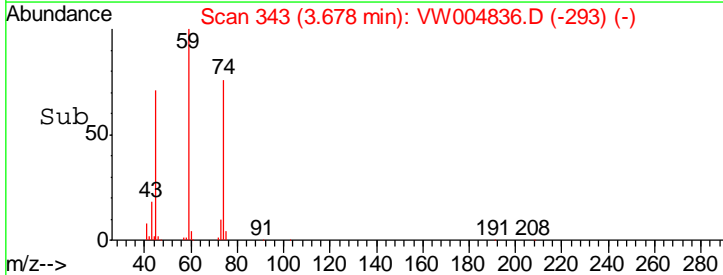
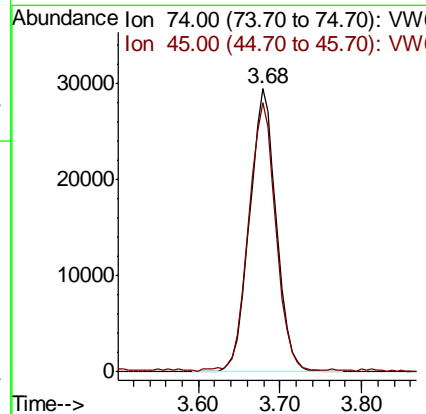
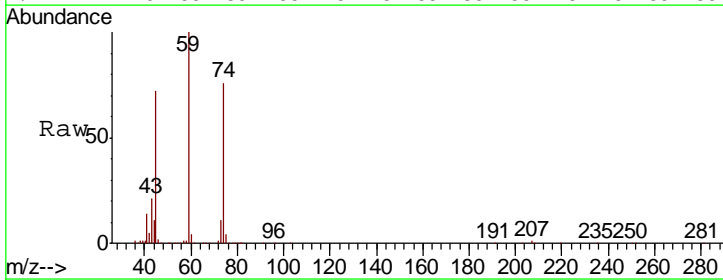
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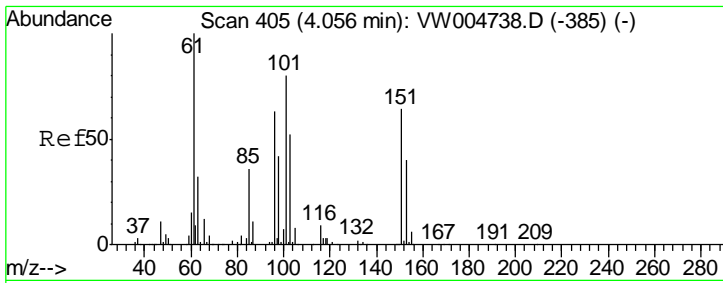


#8  
 Diethyl Ether  
 Concen: 19.56 ug/l  
 RT: 3.68 min Scan# 343  
 Delta R.T. 0.01 min  
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Tgt Ion	Resp	Lower	Upper
74	67208		
45	96.6	49.8	149.3







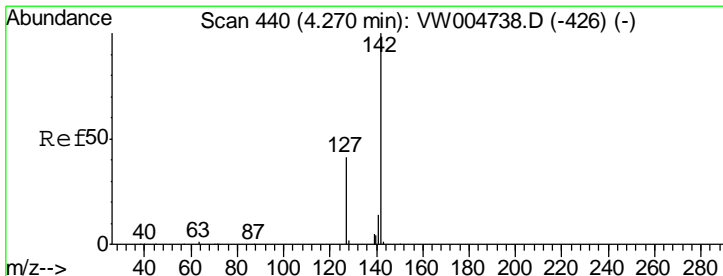
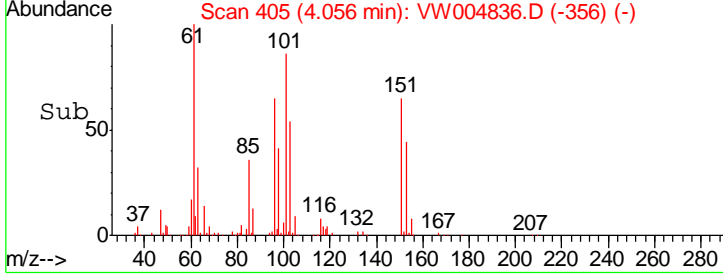
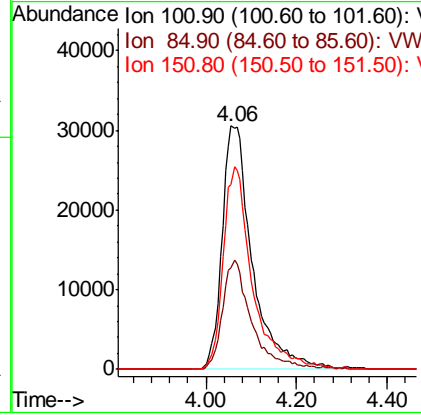
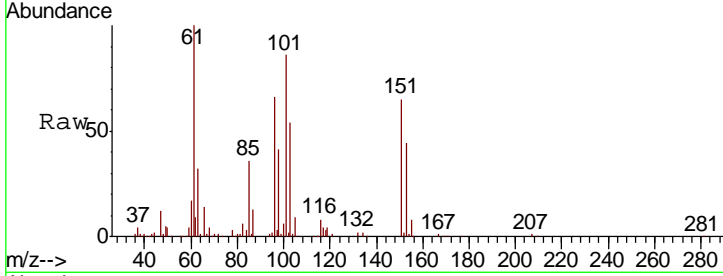
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.69 ug/l  
 RT: 4.06 min Scan# 405  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
101	141917		
101	100		
85	42.9	33.9	50.9
151	80.3	63.4	95.2

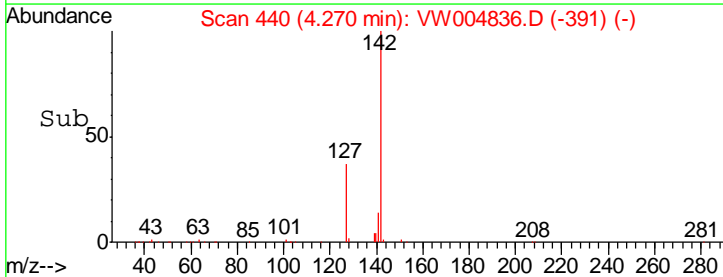
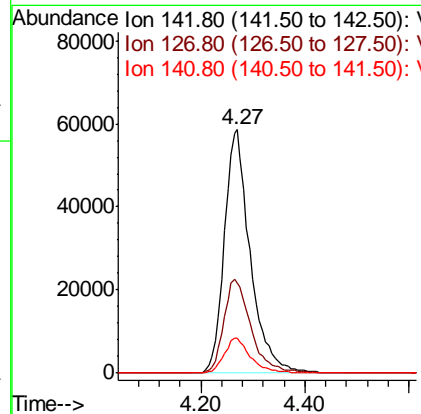
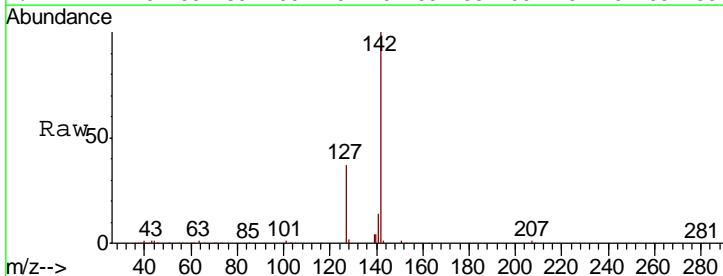
**Manual Integrations**  
**APPROVED**

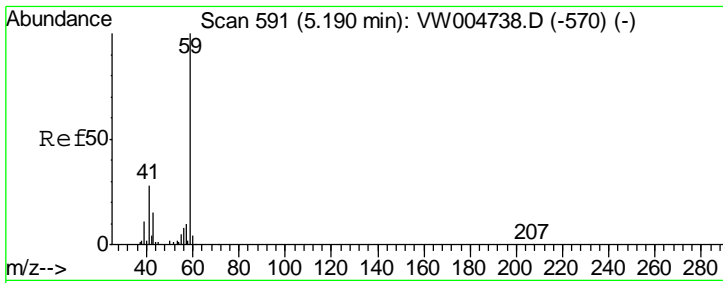
apatel  
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#10  
 Methyl Iodide  
 Concen: 20.54 ug/l  
 RT: 4.27 min Scan# 440  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
142	204061		
142	100		
127	40.5	32.1	48.1
141	14.6	11.7	17.5





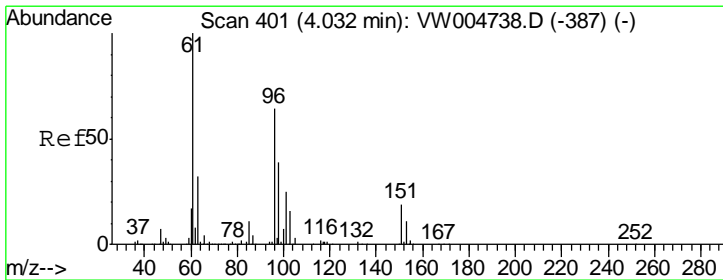
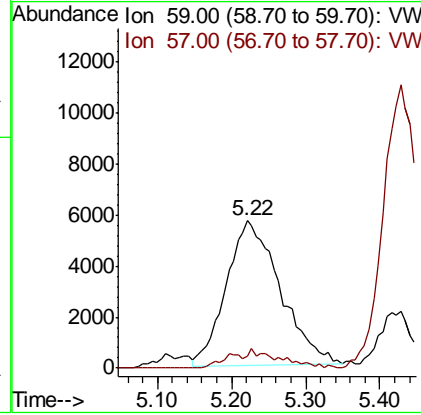
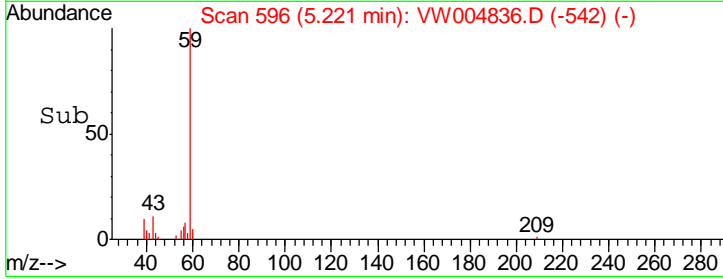
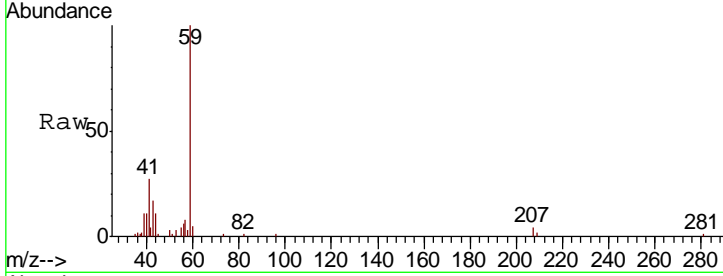
#11  
 Tert butyl alcohol  
 Concen: 84.69 ug/l  
 RT: 5.22 min Scan# 596  
 Delta R.T. 0.03 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
59	100		
57	7.9	8.4	12.6#

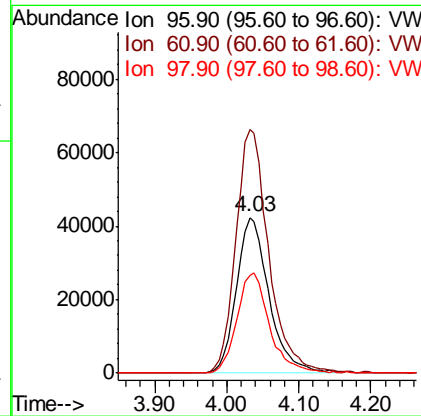
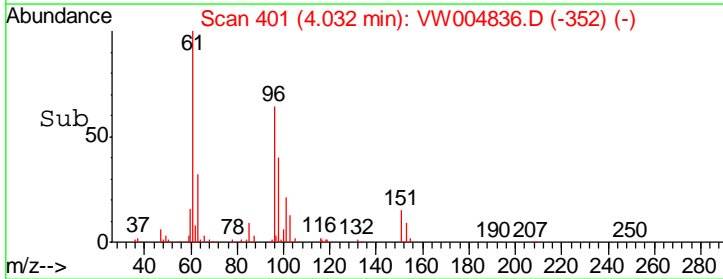
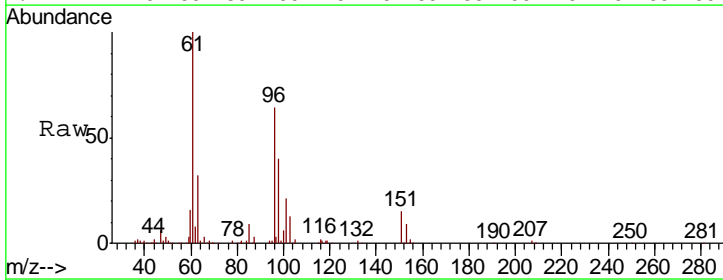
**Manual Integrations**  
**APPROVED**

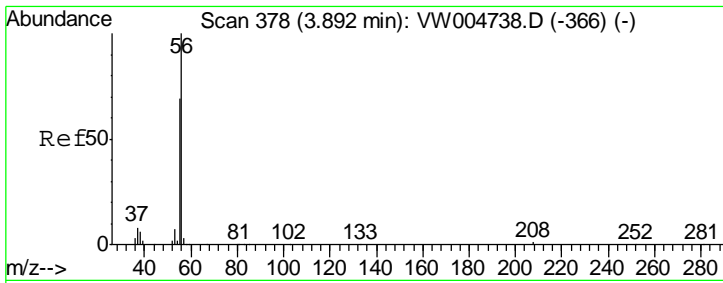
apatel  
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#12  
 1,1-Dichloroethene  
 Concen: 20.50 ug/l  
 RT: 4.03 min Scan# 401  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
96	100		
61	156.3	125.6	188.4
98	62.5	49.4	74.0





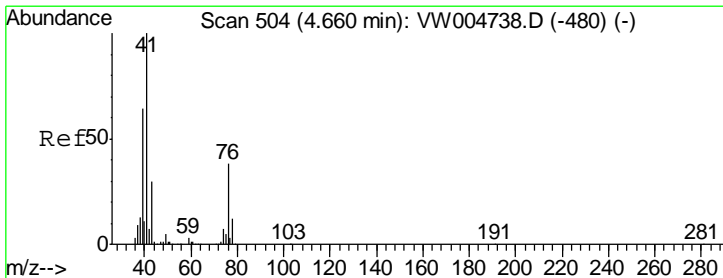
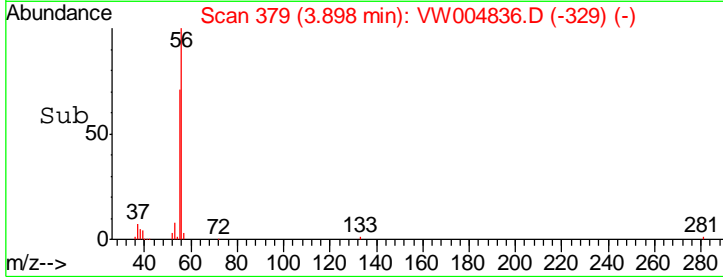
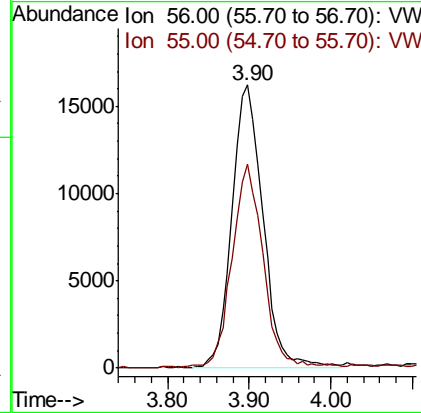
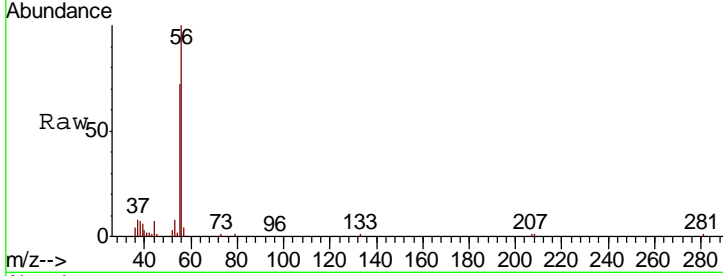
#13  
 Acrolein  
 Concen: 93.47 ug/l  
 RT: 3.90 min Scan# 379  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
56	42865		
55	70.4	56.1	84.1

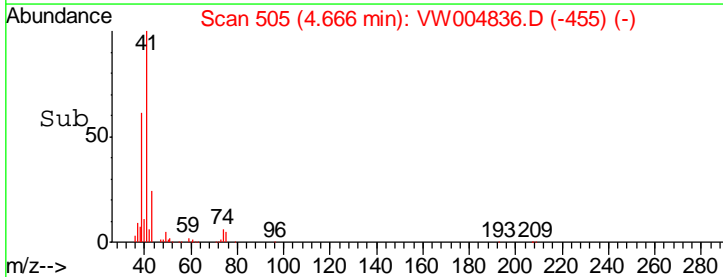
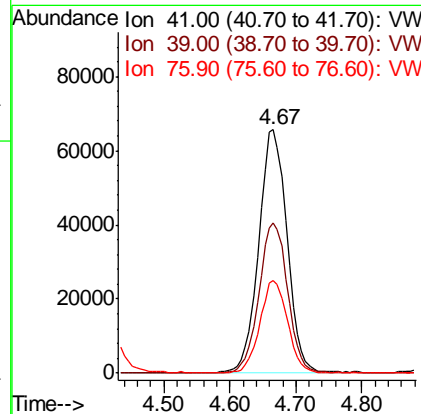
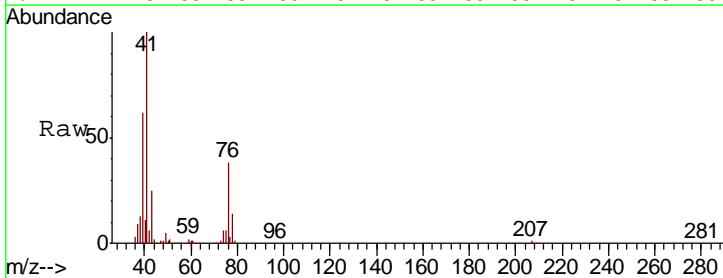
**Manual Integrations**  
**APPROVED**

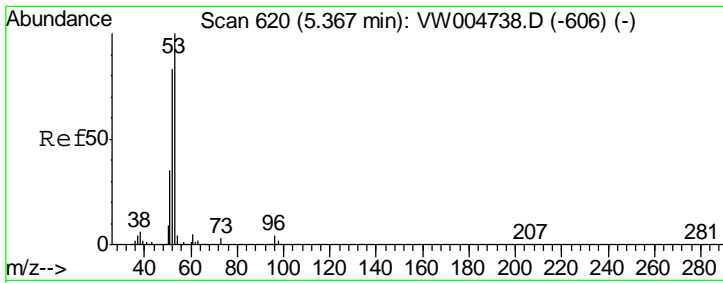
apatel  
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#14  
 Allyl chloride  
 Concen: 19.89 ug/l  
 RT: 4.67 min Scan# 505  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
41	196771		
39	62.3	50.0	75.0
76	37.0	29.8	44.6





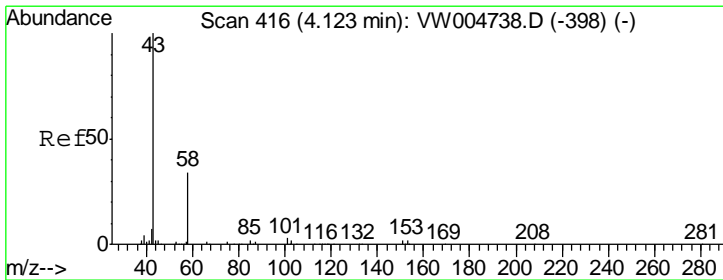
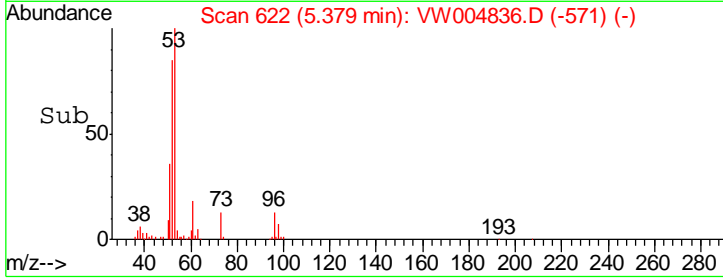
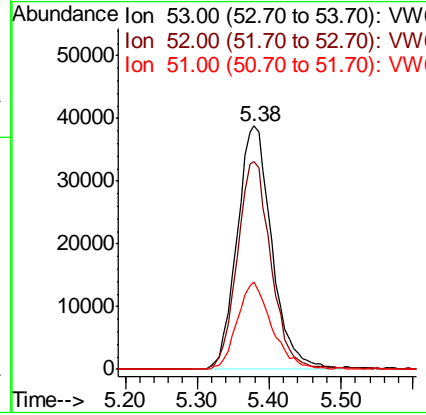
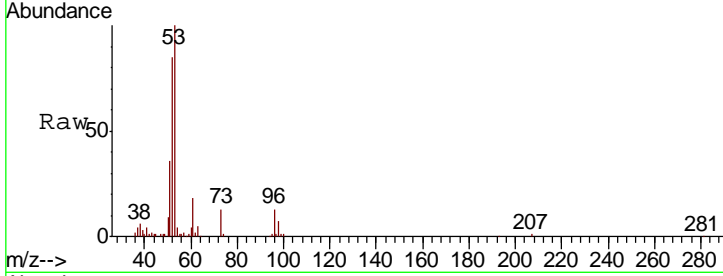
#15  
 Acrylonitrile  
 Concen: 90.27 ug/l  
 RT: 5.38 min Scan# 622  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
53	130056		
52	83.0	65.8	98.6
51	35.6	28.7	43.1

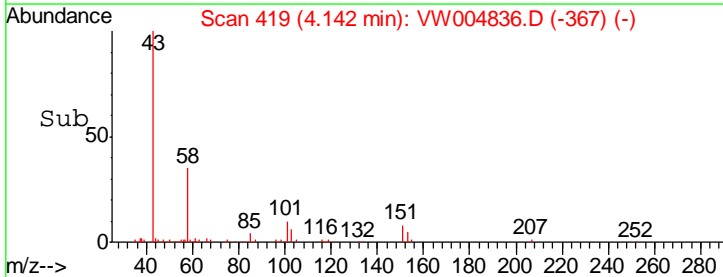
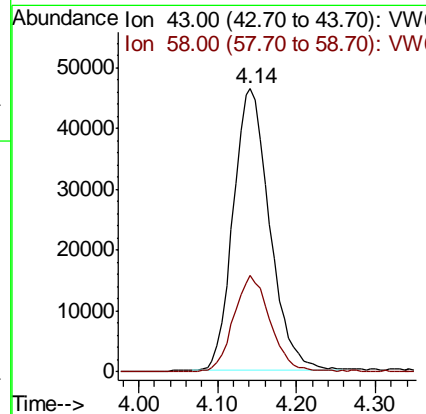
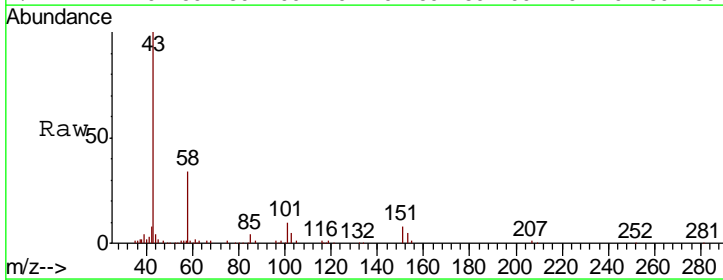
**Manual Integrations**  
**APPROVED**

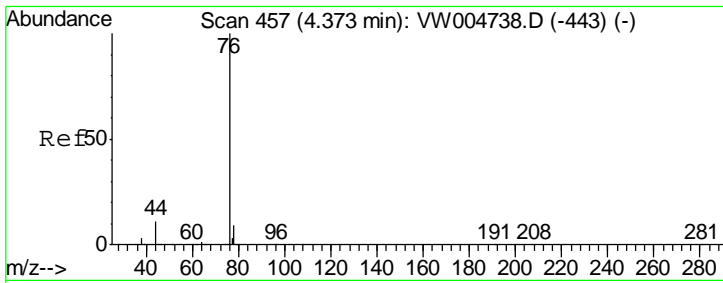
apatel  
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#16  
 Acetone  
 Concen: 95.14 ug/l  
 RT: 4.14 min Scan# 419  
 Delta R.T. 0.02 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
43	148573		
58	33.9	27.3	40.9



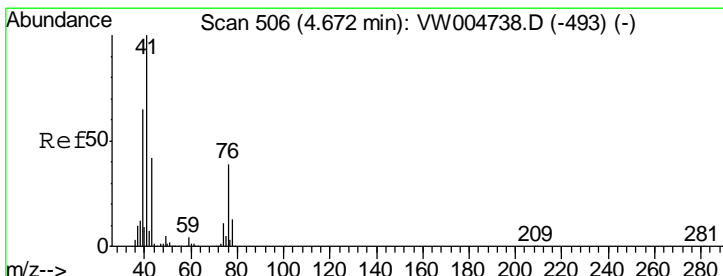
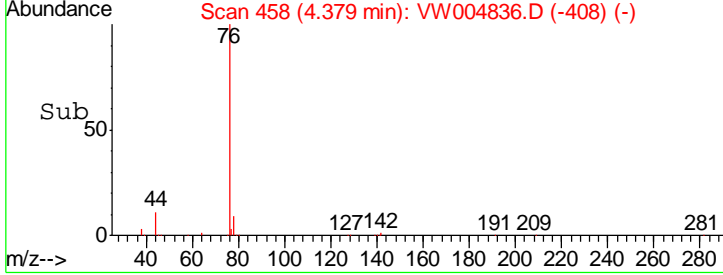
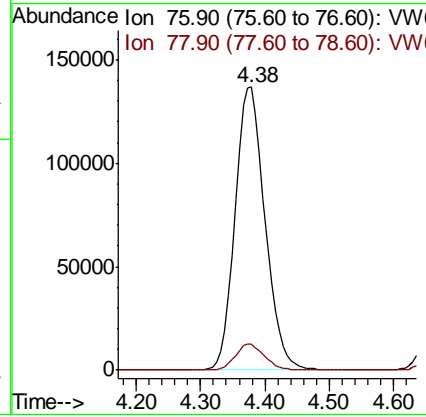
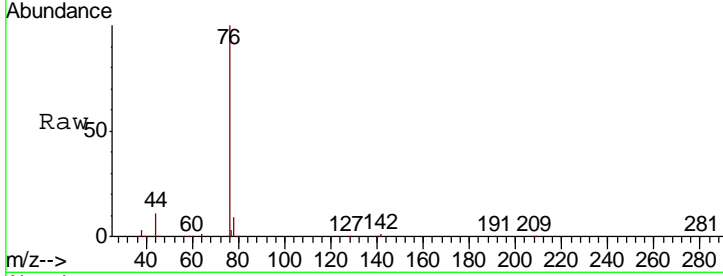


#17  
 Carbon Disulfide  
 Concen: 20.71 ug/l  
 RT: 4.38 min Scan# 458  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VW0821SBSD01

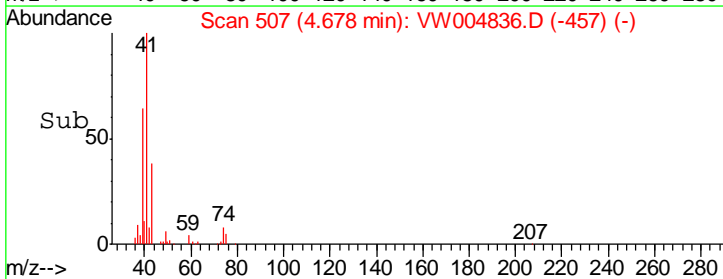
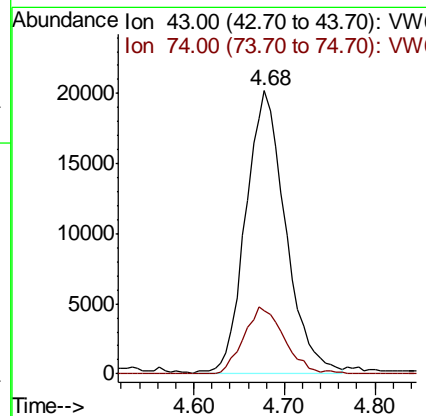
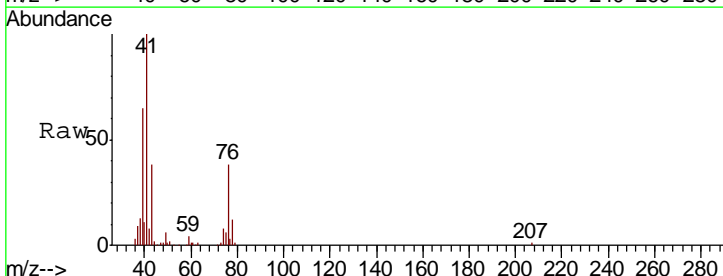
Tgt Ion	Resp	Lower	Upper
76	100		
78	9.0	7.4	11.2

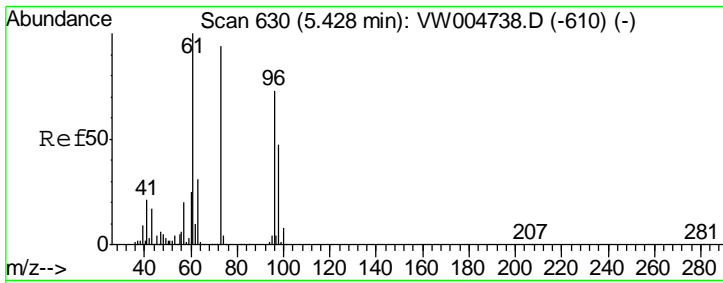
**Manual Integrations**  
**APPROVED**  
 apatel  
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#18  
 Methyl Acetate  
 Concen: 18.16 ug/l  
 RT: 4.68 min Scan# 507  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
43	100		
74	24.3	19.8	29.8



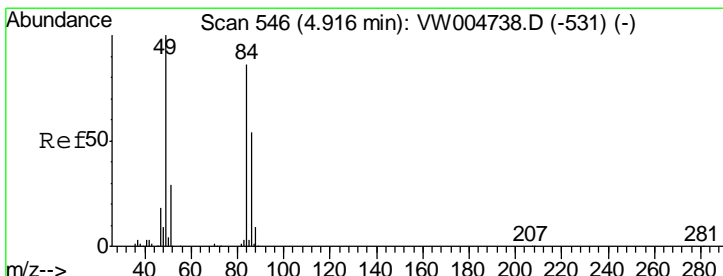
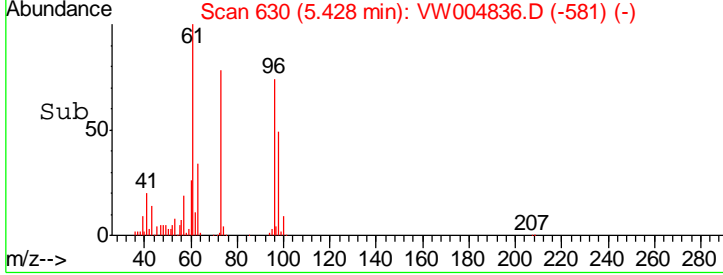
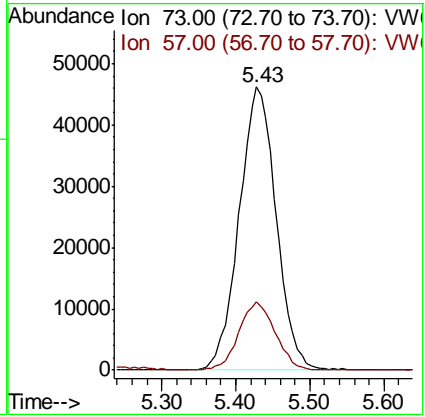
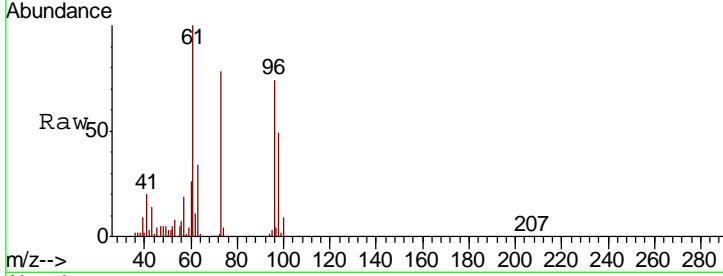


#19  
 Methyl tert-butyl Ether  
 Concen: 18.96 ug/l  
 RT: 5.43 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

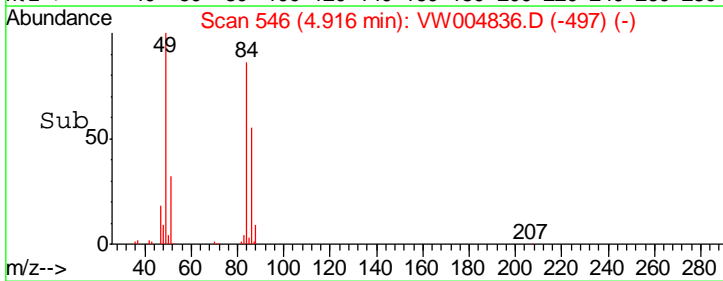
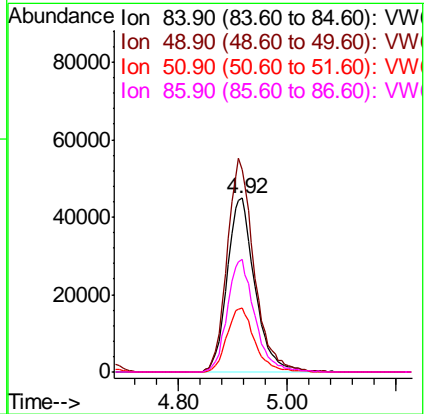
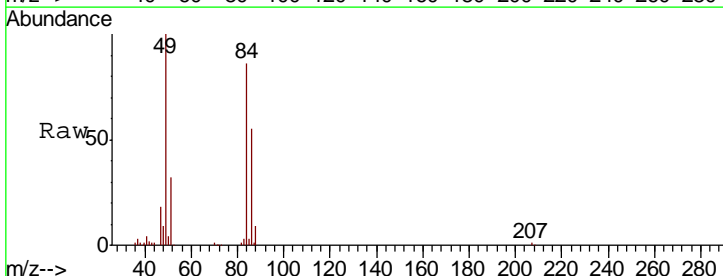
Tgt Ion	Resp	Lower	Upper
73	160456		
73	100		
57	24.0	17.3	25.9

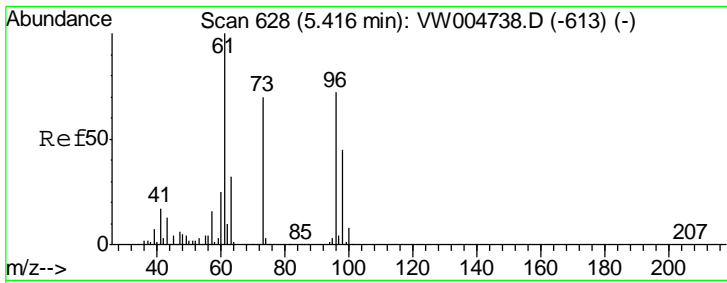
**Manual Integrations**  
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#20  
 Methylene Chloride  
 Concen: 19.89 ug/l  
 RT: 4.92 min Scan# 546  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
84	160357		
84	100		
49	116.7	93.2	139.8
51	36.9	27.4	41.0
86	64.5	50.6	75.8





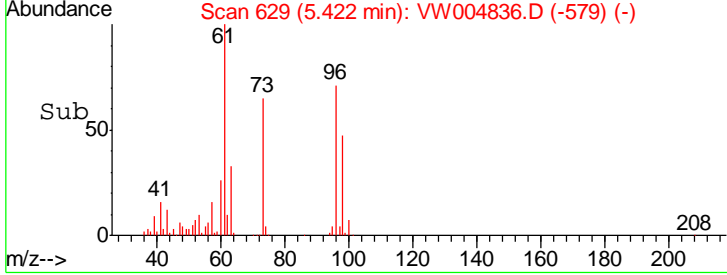
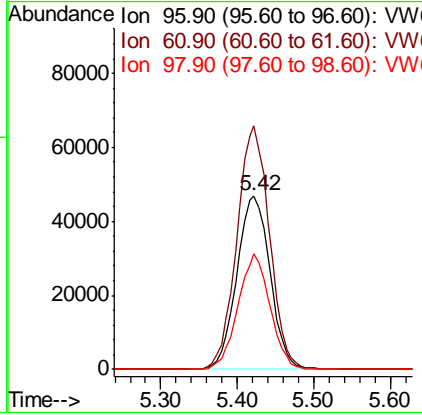
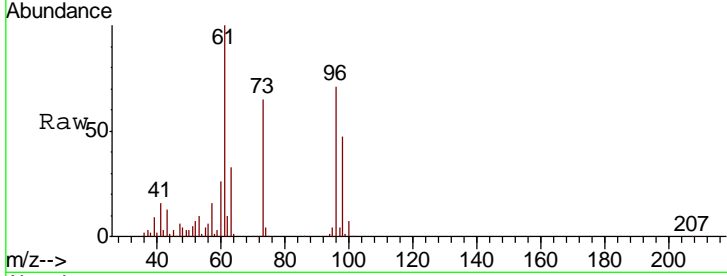
#21  
 trans-1,2-Dichloroethene  
 Concen: 20.45 ug/l  
 RT: 5.42 min Scan# 629  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
96	141847		
96	100		
61	140.3	111.4	167.0
98	66.6	49.7	74.5

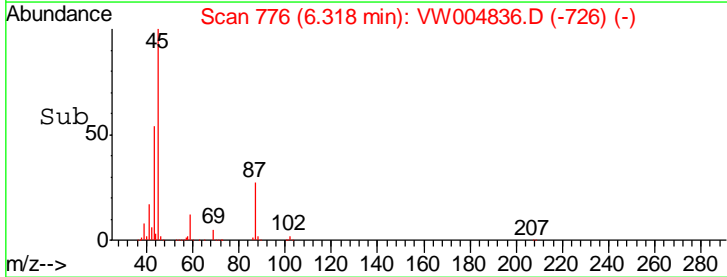
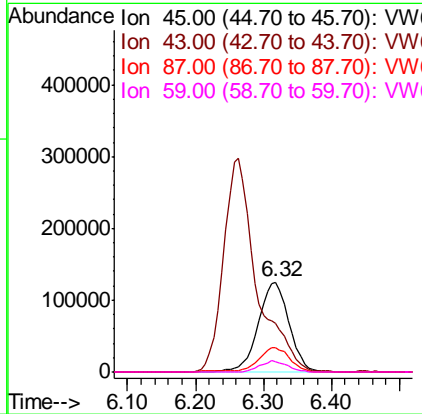
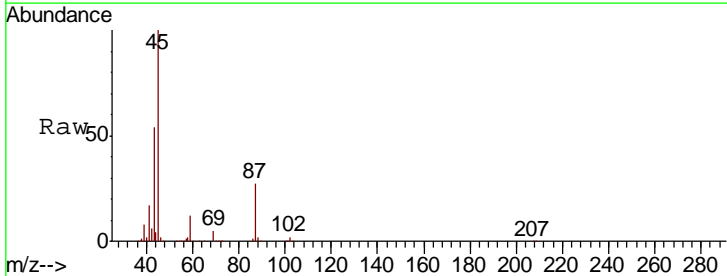
**Manual Integrations**  
**APPROVED**

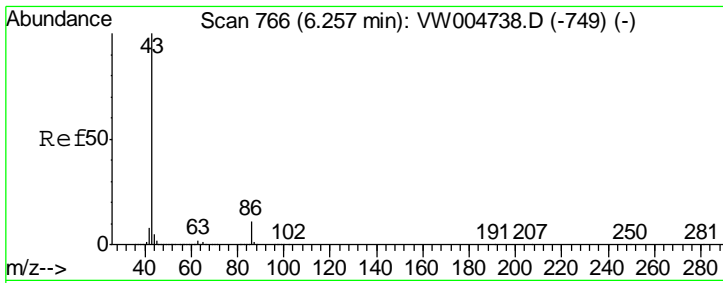
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#22  
 Diisopropyl ether  
 Concen: 20.79 ug/l  
 RT: 6.32 min Scan# 776  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
45	395477		
45	100		
43	54.1	43.0	64.6
87	26.7	22.2	33.4
59	11.5	9.8	14.6





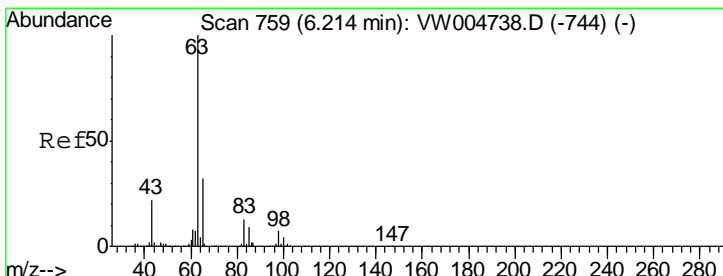
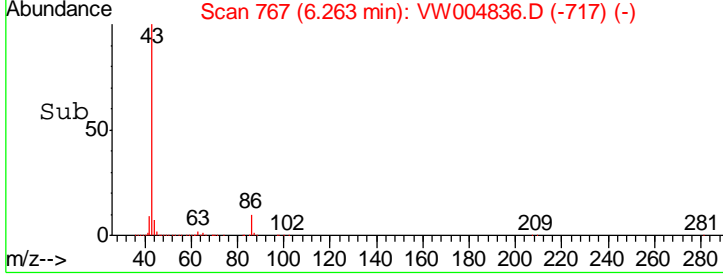
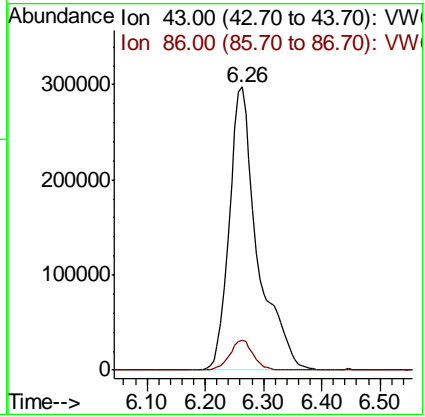
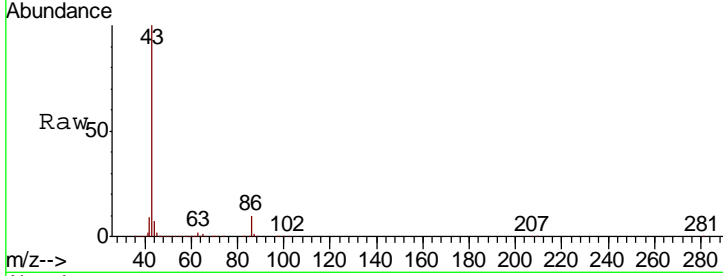
#23  
 Vinyl Acetate  
 Concen: 93.45 ug/l  
 RT: 6.26 min Scan# 767  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion: 43 Resp: 1005297

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.5	12.7

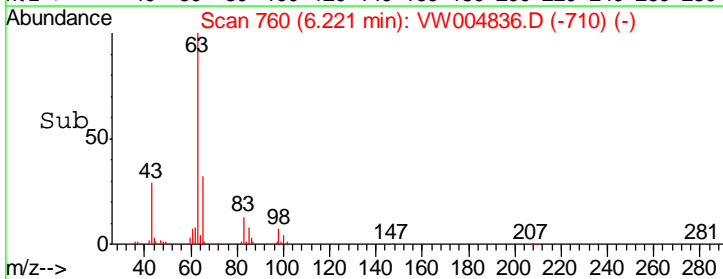
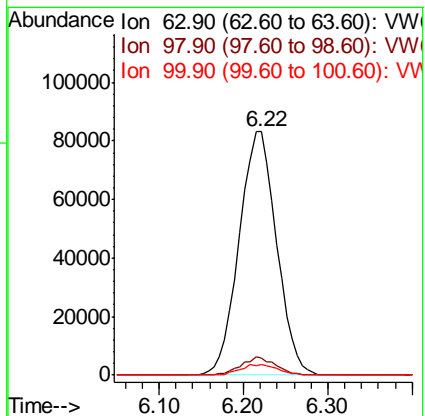
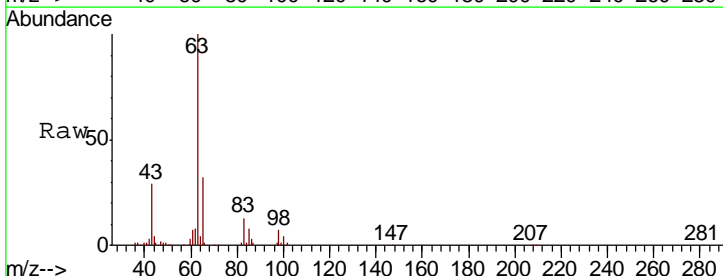
**Manual Integrations**  
**APPROVED**  
 apatel  
 8/22/2018 11:25:20 AM



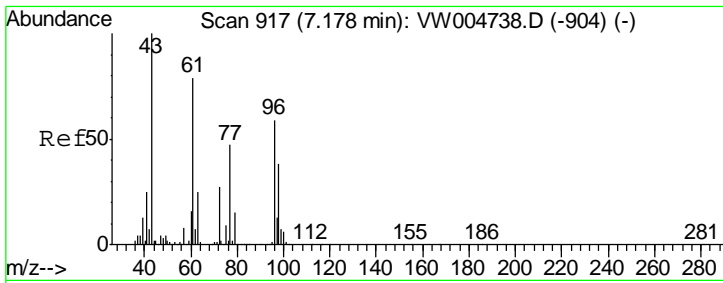
#24  
 1,1-Dichloroethane  
 Concen: 20.27 ug/l  
 RT: 6.22 min Scan# 760  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion: 63 Resp: 250491

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.4
100	4.4	2.1	6.3







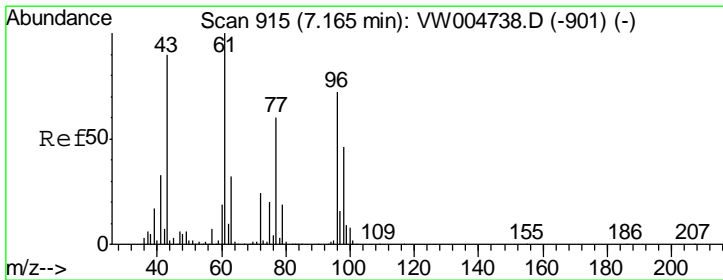
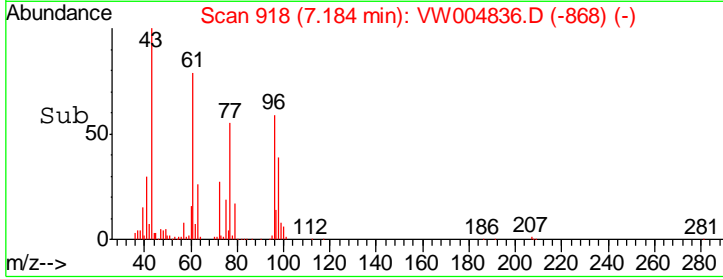
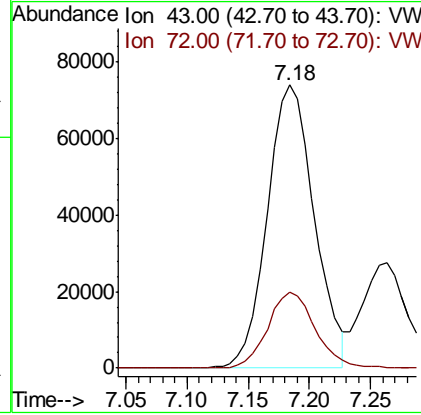
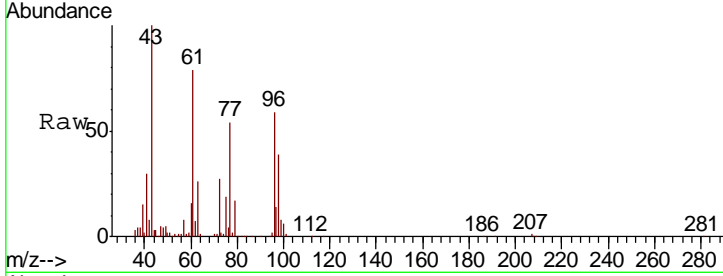
#25  
 2-Butanone  
 Concen: 88.84 ug/l  
 RT: 7.18 min Scan# 918  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
43	100		
72	27.1	22.0	33.0

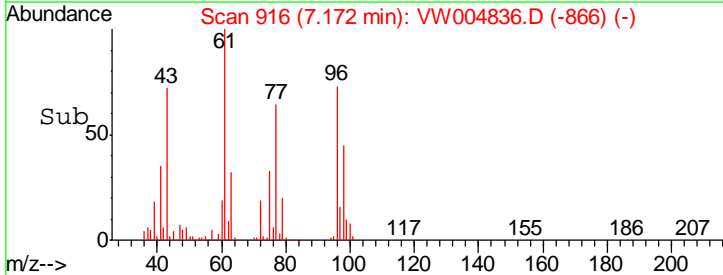
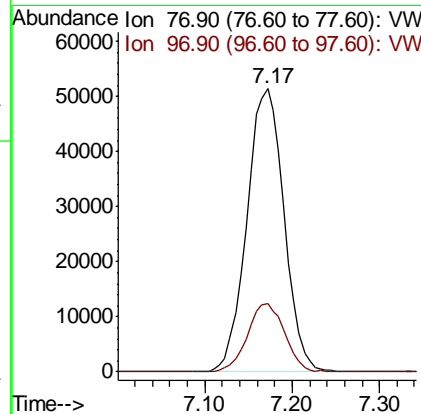
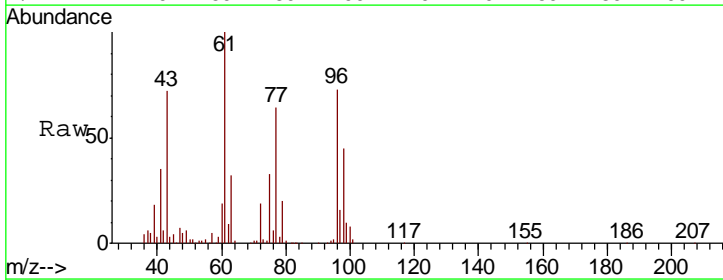
Manual Integrations  
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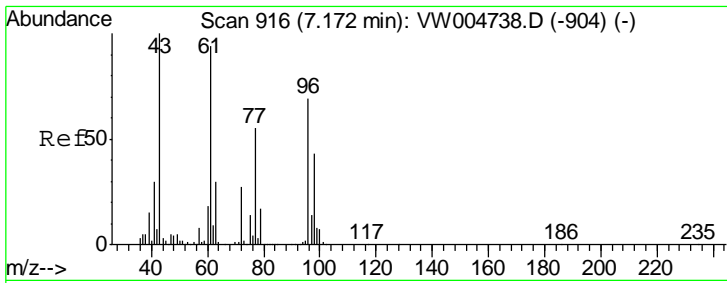
apatel  
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#26  
 2,2-Dichloropropane  
 Concen: 21.28 ug/l  
 RT: 7.17 min Scan# 916  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
77	100		
97	24.2	12.6	37.8





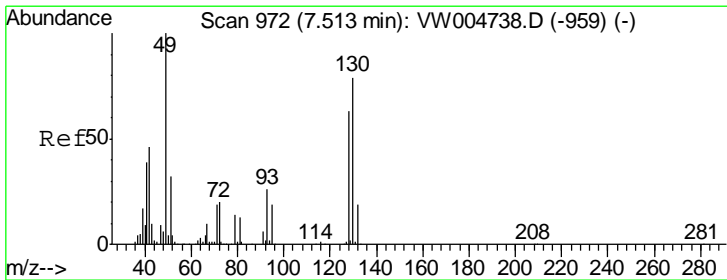
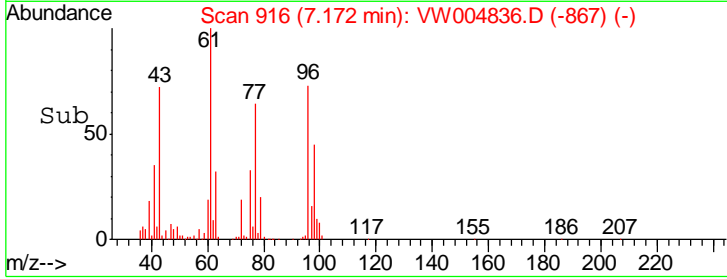
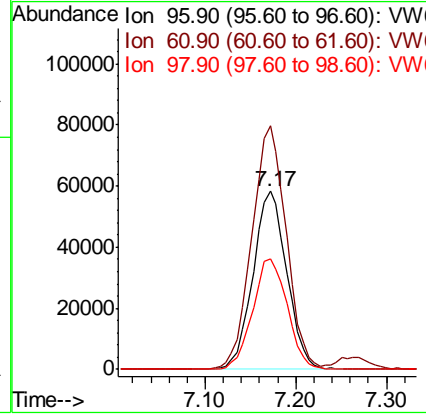
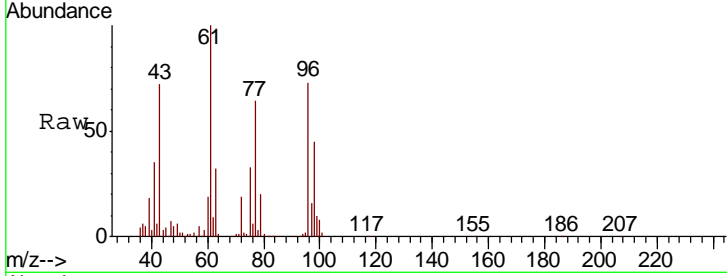
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.14 ug/l  
 RT: 7.17 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
96	150433		
96	100		
61	138.5	0.0	277.6
98	63.5	0.0	127.4

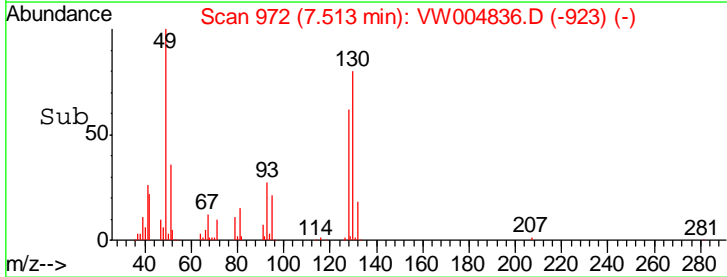
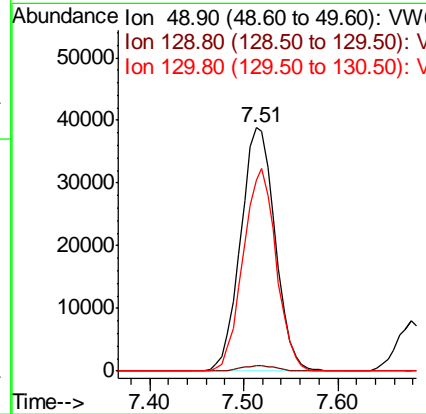
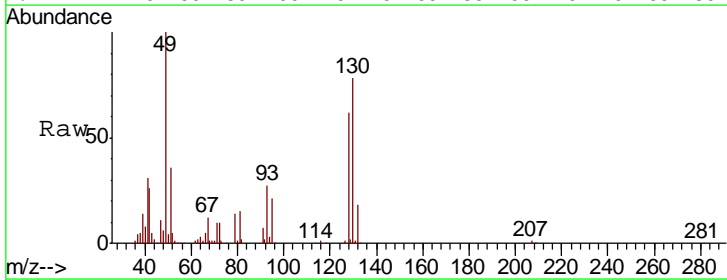
Manual Integrations  
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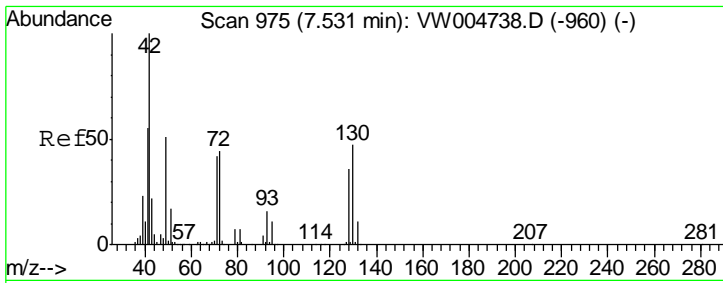
apatel  
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#28  
 Bromochloromethane  
 Concen: 19.09 ug/l  
 RT: 7.51 min Scan# 972  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
49	99348		
49	100		
129	2.2	0.0	4.4
130	80.0	63.7	95.5





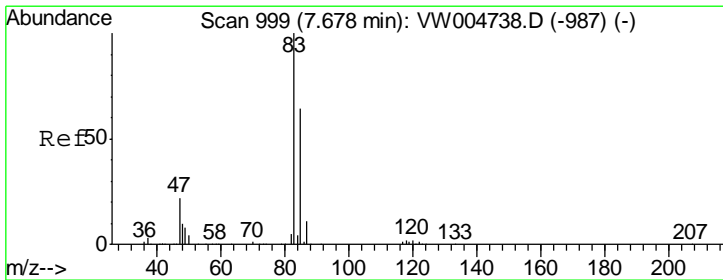
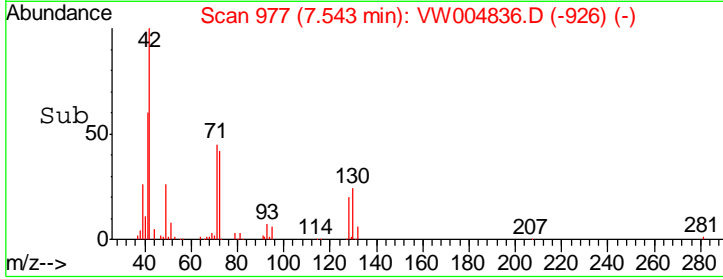
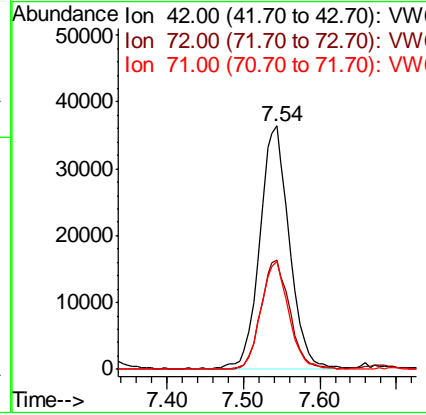
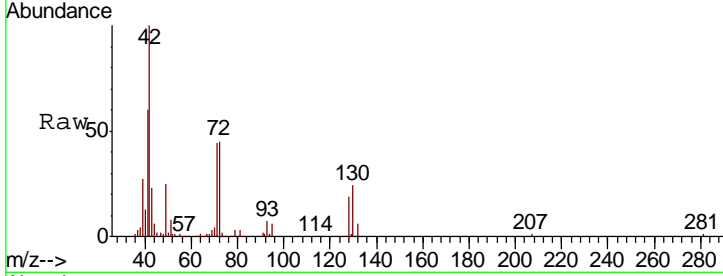
#29  
 Tetrahydrofuran  
 Concen: 87.07 ug/l  
 RT: 7.54 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
42	100		
72	43.5	34.9	52.3
71	41.7	33.8	50.6

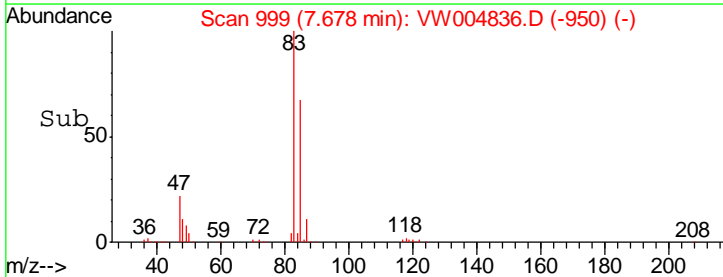
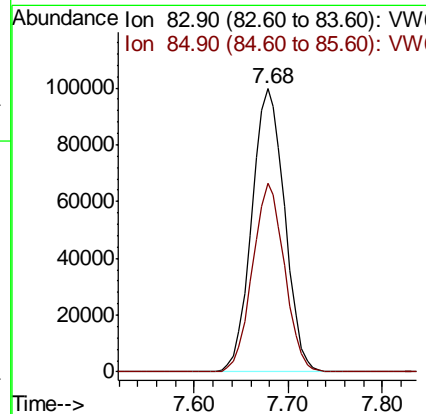
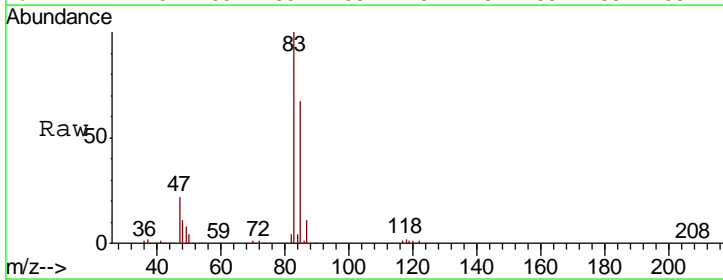
**Manual Integrations**  
**APPROVED**

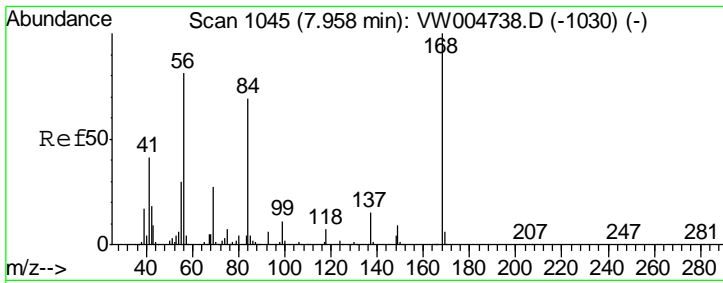
apatel  
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#30  
 Chloroform  
 Concen: 20.11 ug/l  
 RT: 7.68 min Scan# 999  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
83	100		
85	66.7	51.0	76.6





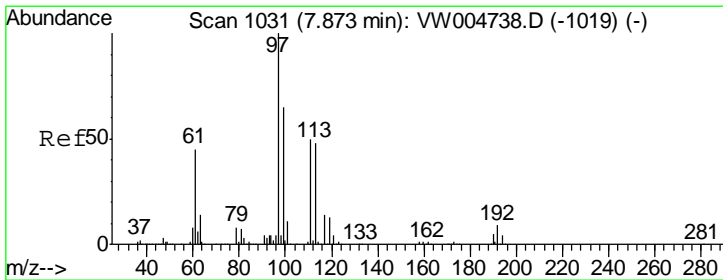
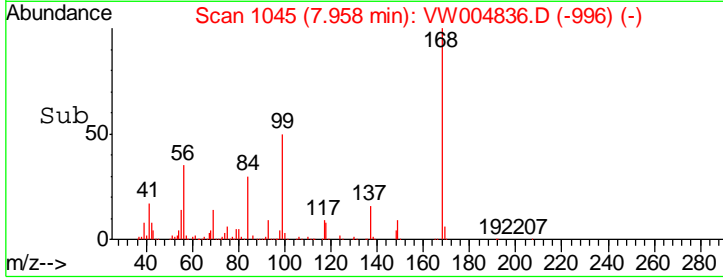
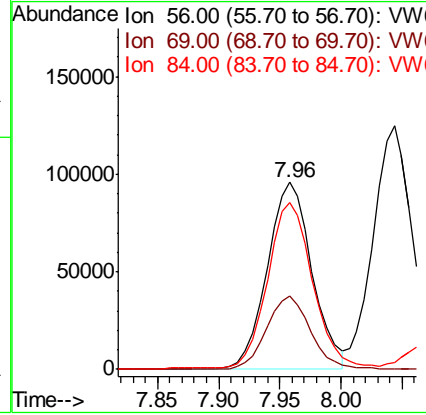
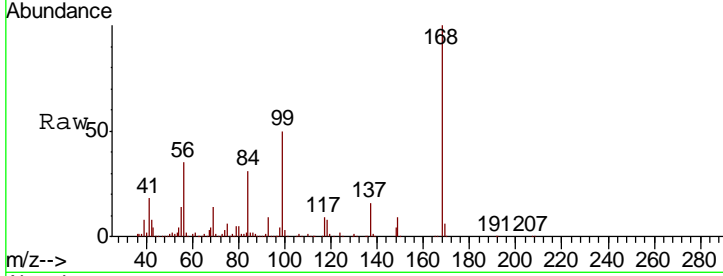
#31  
 Cyclohexane  
 Concen: 20.37 ug/l  
 RT: 7.96 min Scan# 1045  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
56	100		
69	38.9	27.1	40.7
84	88.2	68.3	102.5

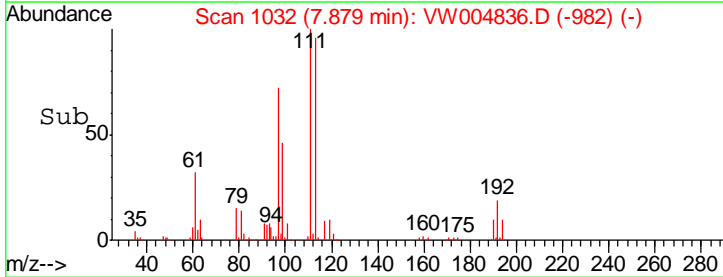
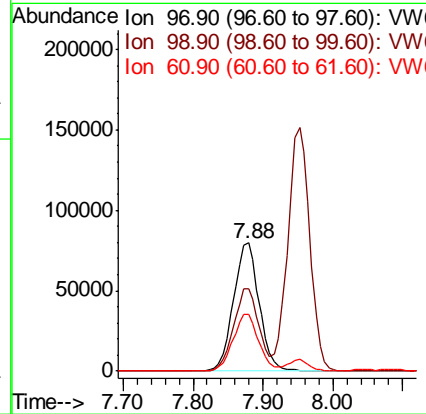
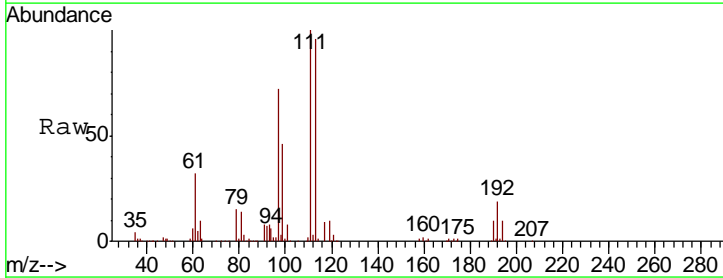
**Manual Integrations**  
**APPROVED**

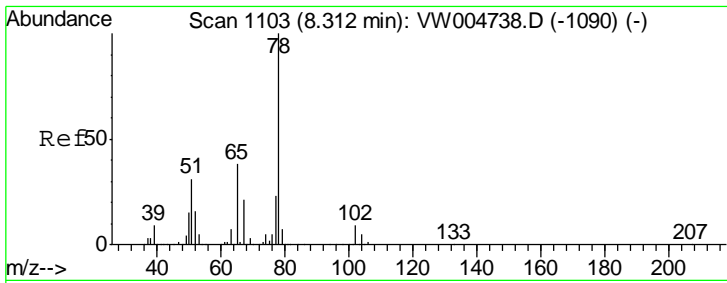
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#32  
 1,1,1-Trichloroethane  
 Concen: 20.99 ug/l  
 RT: 7.88 min Scan# 1032  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
97	100		
99	63.1	51.7	77.5
61	44.4	34.4	51.6





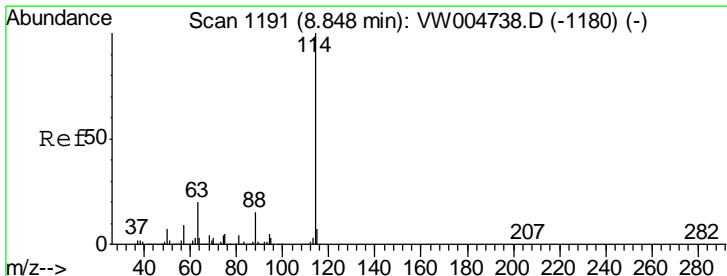
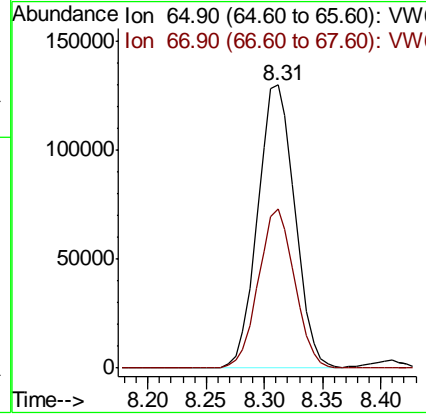
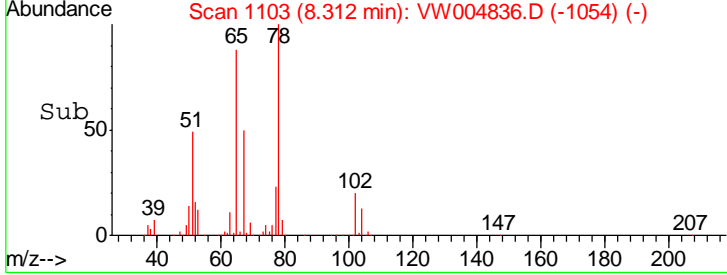
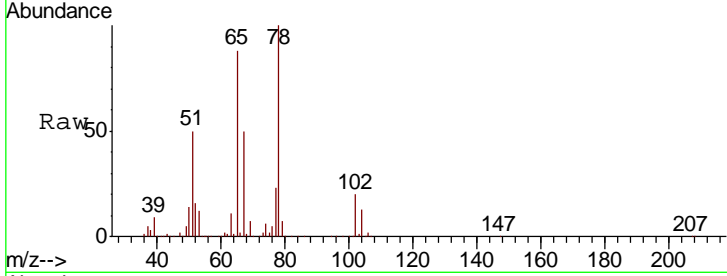
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.00 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
65	100		
67	54.7	0.0	109.4

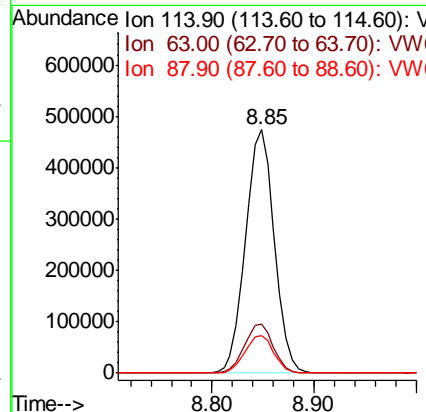
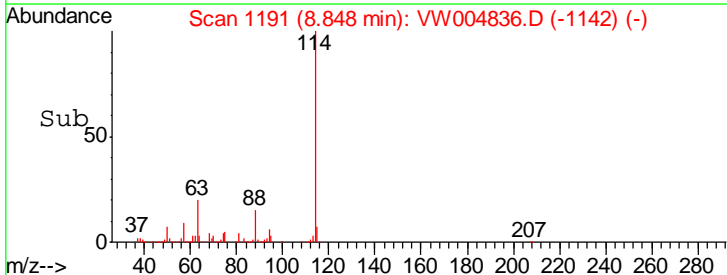
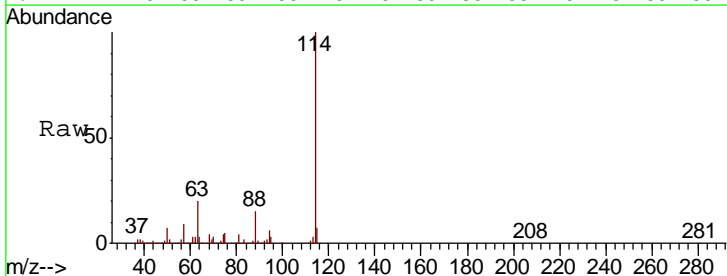
**Manual Integrations**  
**APPROVED**

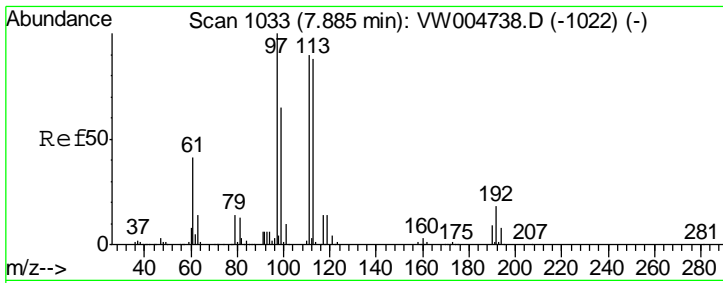
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.2	0.0	30.0





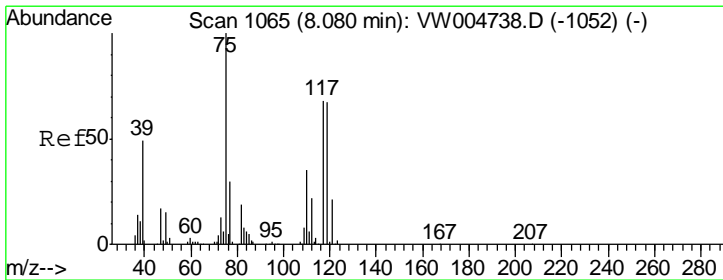
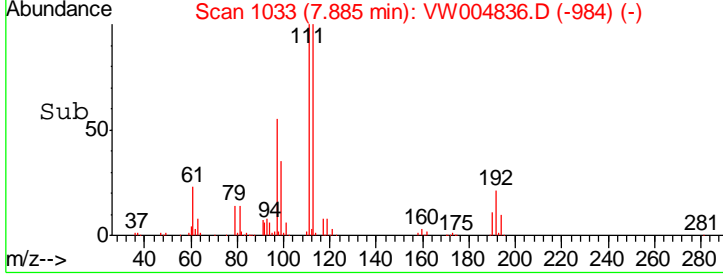
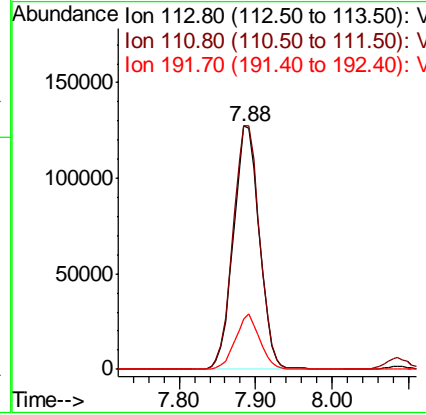
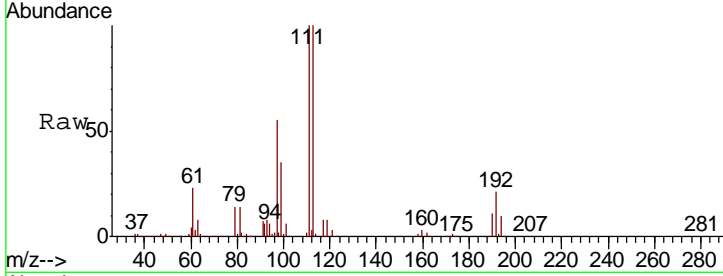
#35  
 Dibromofluoromethane  
 Concen: 50.24 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
113	297995		
113	100		
111	103.0	82.4	123.6
192	21.3	16.7	25.1

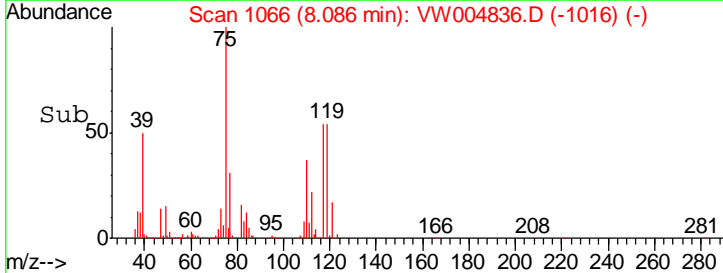
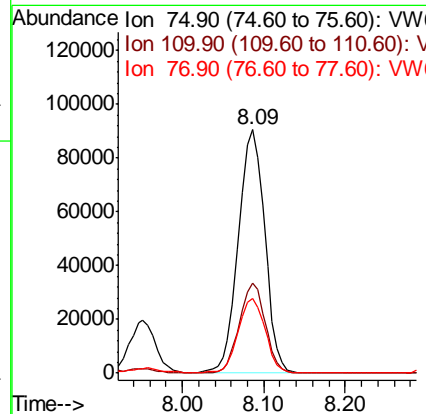
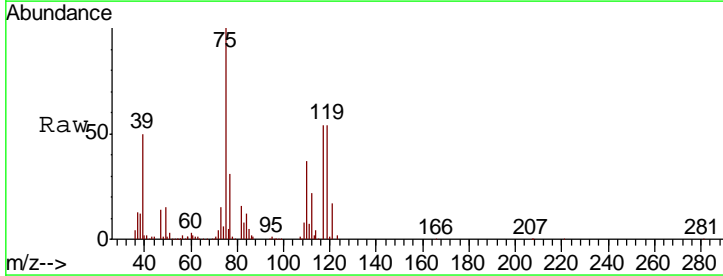
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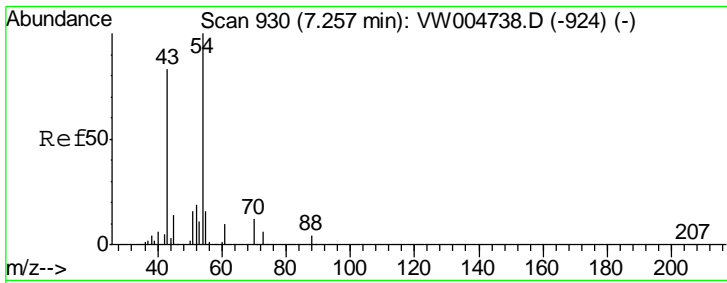
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#36  
 1,1-Dichloropropene  
 Concen: 21.20 ug/l  
 RT: 8.09 min Scan# 1066  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
75	202650		
75	100		
110	36.0	17.8	53.5
77	31.4	24.9	37.3





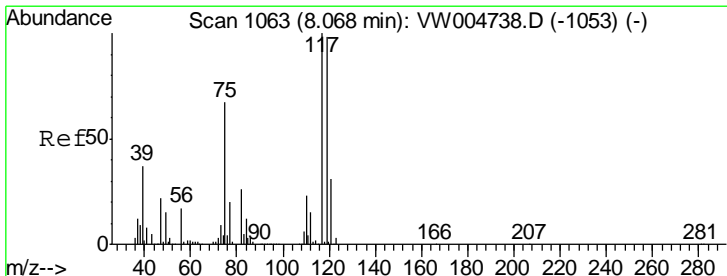
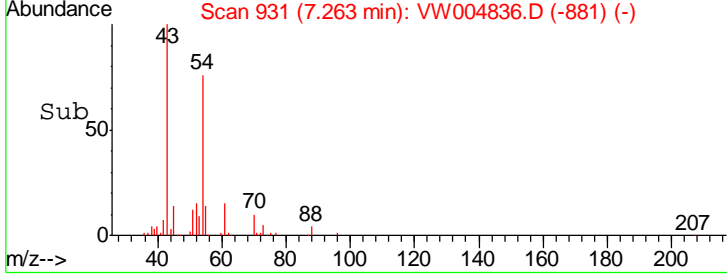
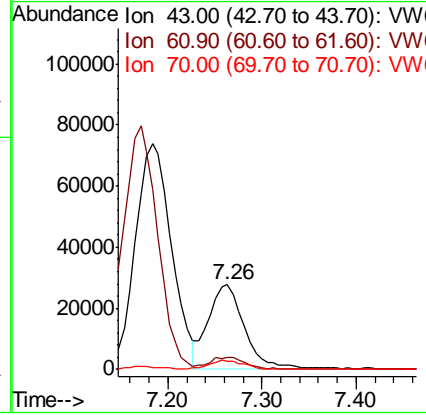
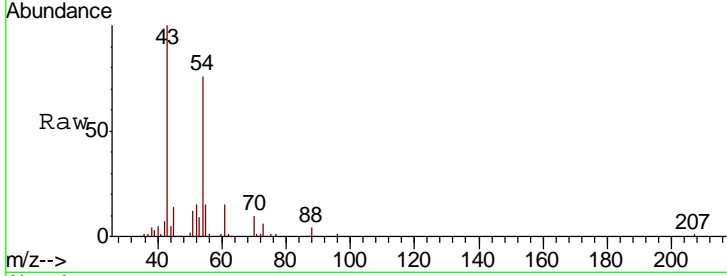
#37  
 Ethyl Acetate  
 Concen: 19.08 ug/l  
 RT: 7.26 min Scan# 931  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
43	100		
61	14.2	11.6	17.4
70	10.6	9.2	13.8

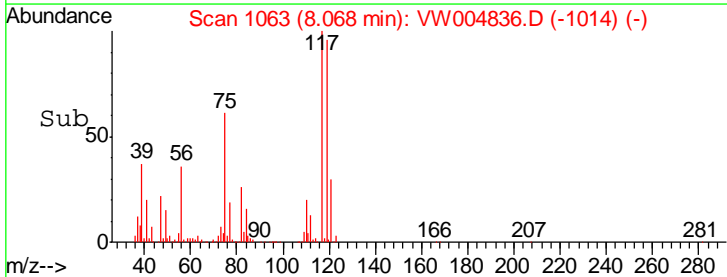
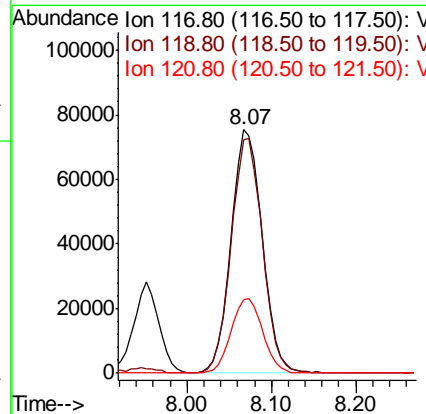
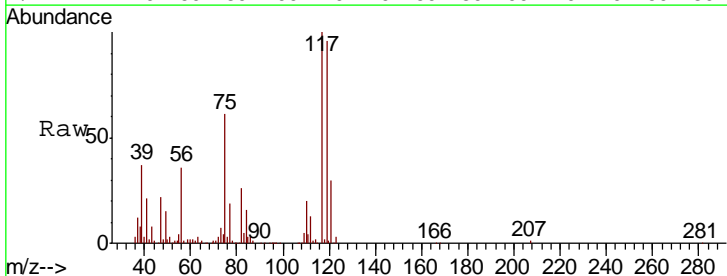
**Manual Integrations**  
**APPROVED**

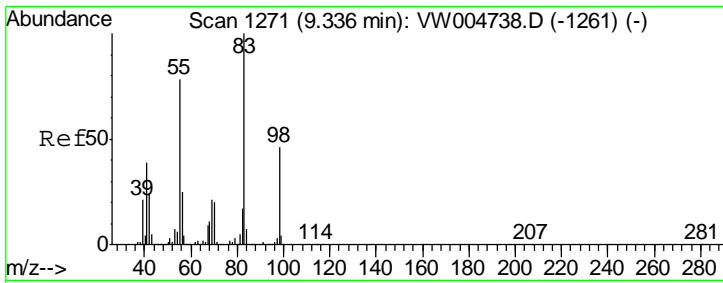
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#38  
 Carbon Tetrachloride  
 Concen: 21.52 ug/l  
 RT: 8.07 min Scan# 1063  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
117	100		
119	96.1	78.0	117.0
121	29.9	24.8	37.2





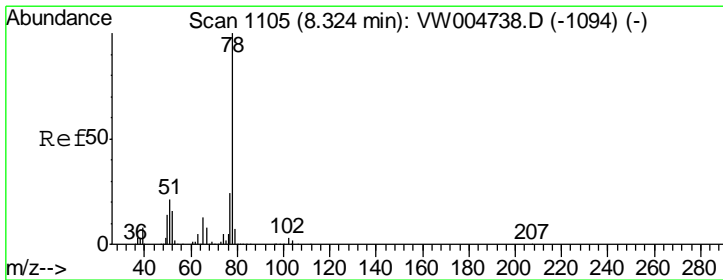
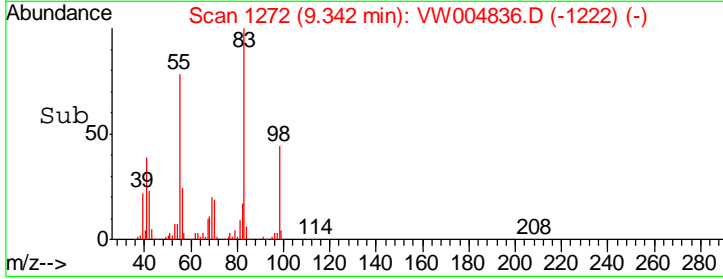
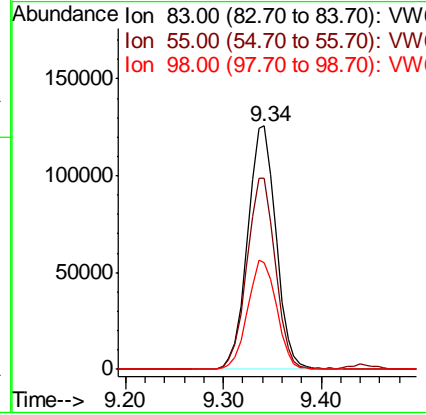
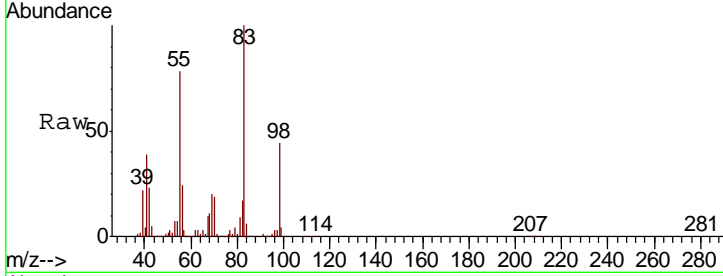
#39  
 Methylcyclohexane  
 Concen: 21.20 ug/l  
 RT: 9.34 min Scan# 1272  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
83	100		
55	78.3	62.4	93.6
98	43.8	36.5	54.7

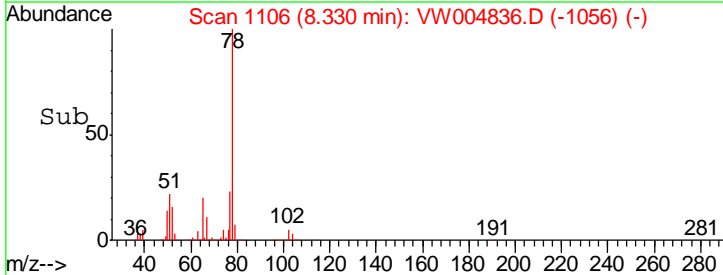
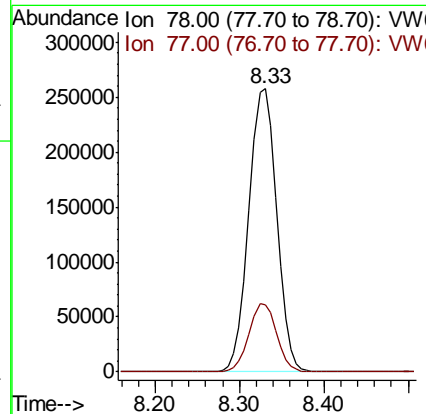
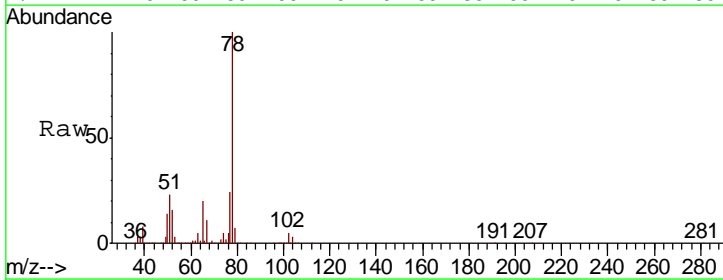
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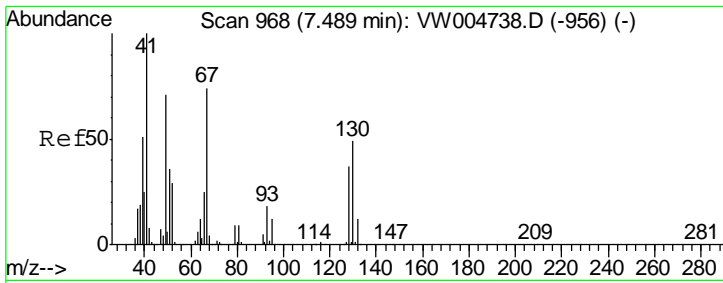


#40  
 Benzene  
 Concen: 20.81 ug/l  
 RT: 8.33 min Scan# 1106  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
78	100		
77	23.6	19.0	28.6







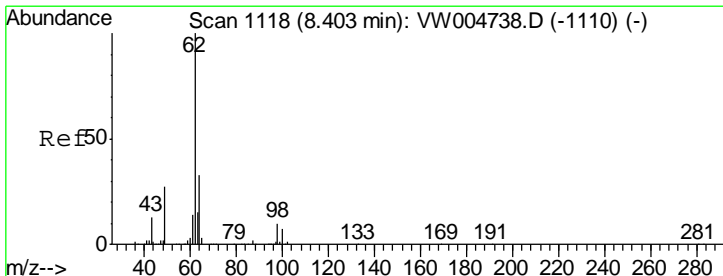
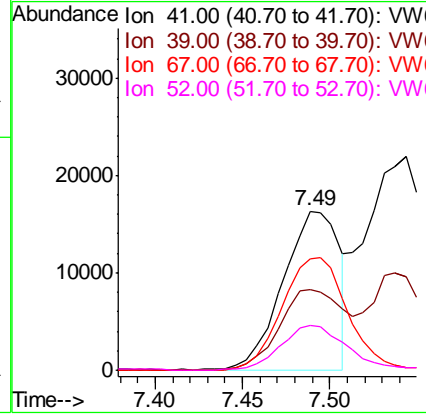
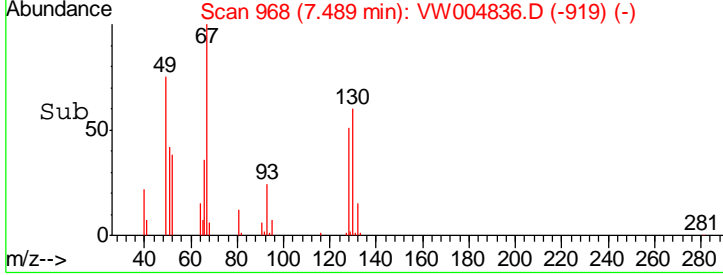
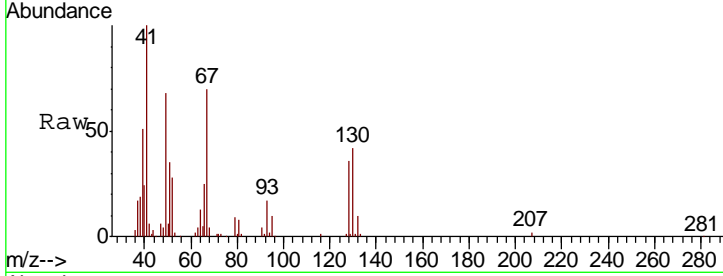
#41  
 Methacrylonitrile  
 Concen: 16.85 ug/l  
 RT: 7.49 min Scan# 968  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
41	100		
39	59.5	41.0	61.4
67	83.9	59.5	89.3
52	34.7	23.6	35.4

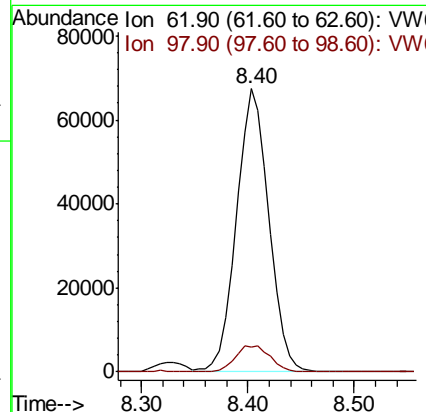
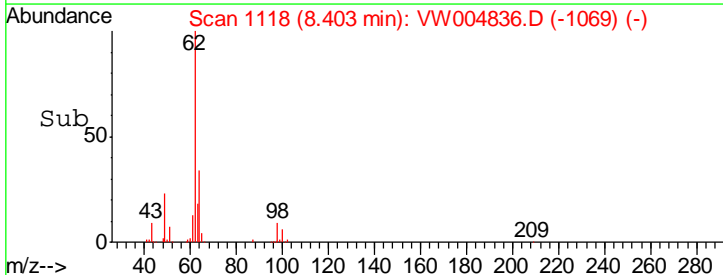
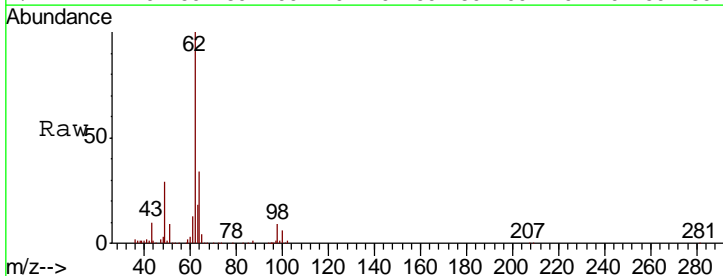
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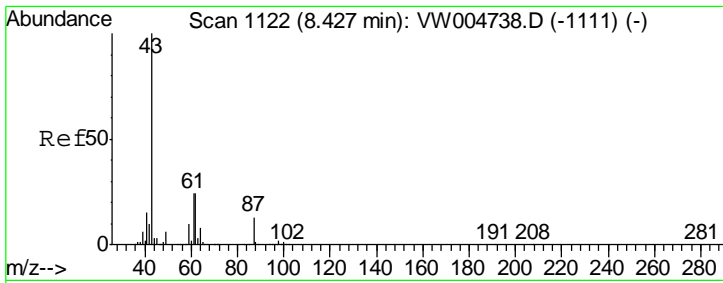
apatel  
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#42  
 1,2-Dichloroethane  
 Concen: 20.17 ug/l  
 RT: 8.40 min Scan# 1118  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
62	100		
98	10.0	0.0	20.2





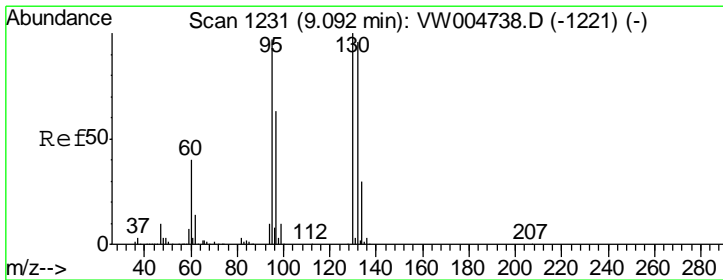
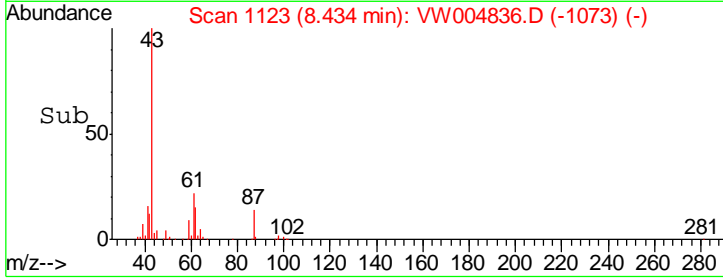
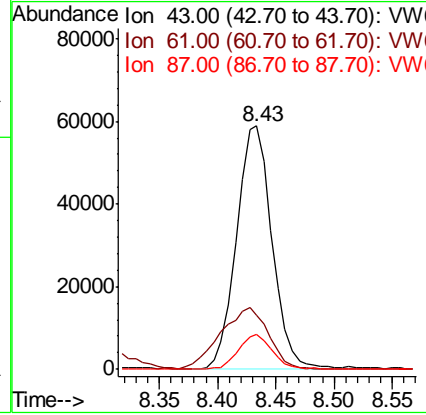
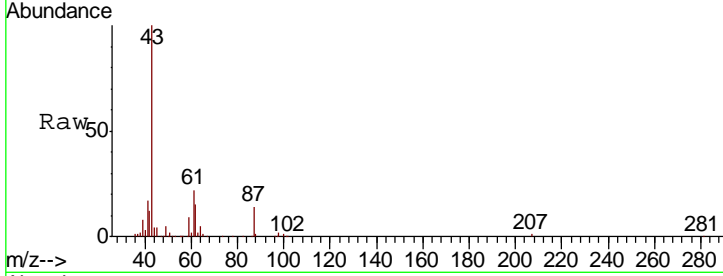
#43  
 Isopropyl Acetate  
 Concen: 18.20 ug/l  
 RT: 8.43 min Scan# 1123  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
43	124589		
61	34.0	26.2	39.4
87	13.8	10.9	16.3

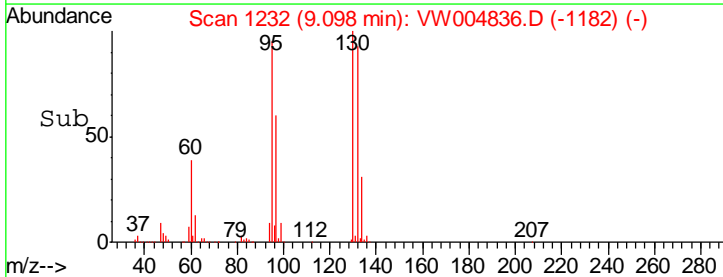
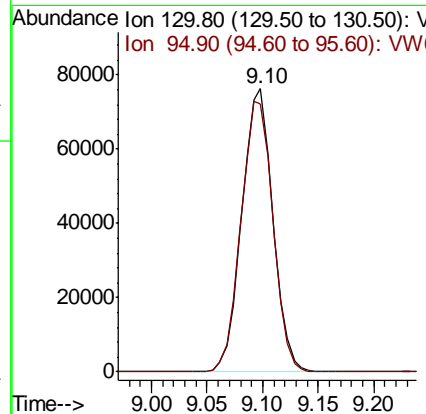
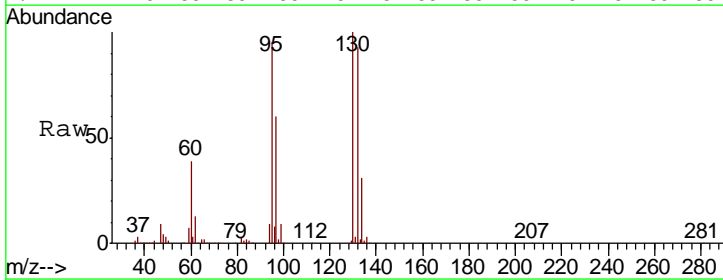
**Manual Integrations**  
**APPROVED**

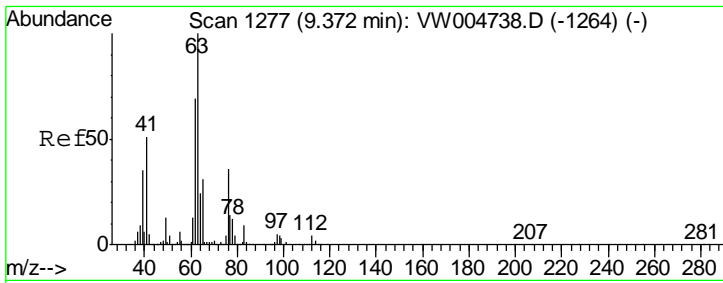
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#44  
 Trichloroethene  
 Concen: 20.87 ug/l  
 RT: 9.10 min Scan# 1232  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
130	147184		
95	94.5	0.0	194.4



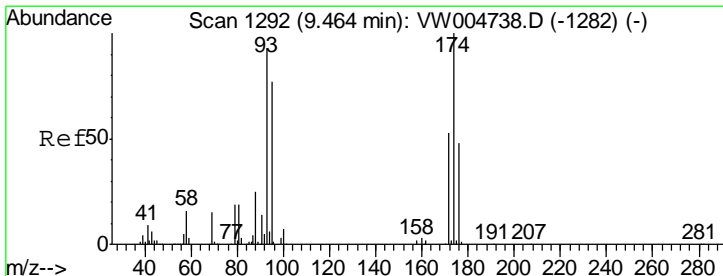
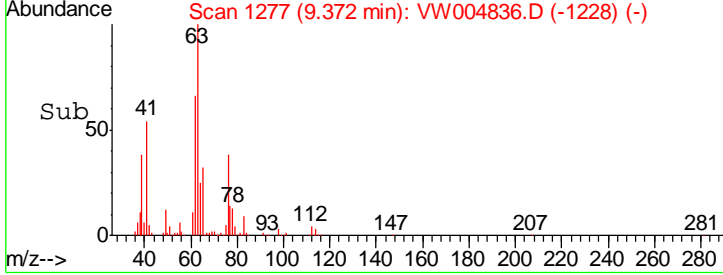
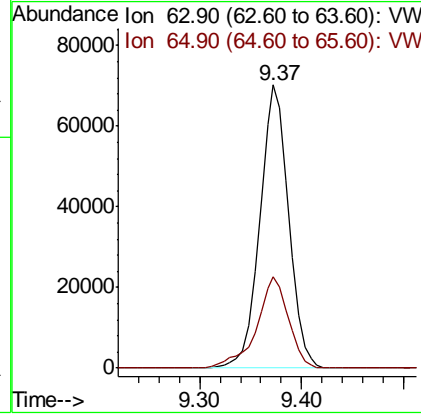
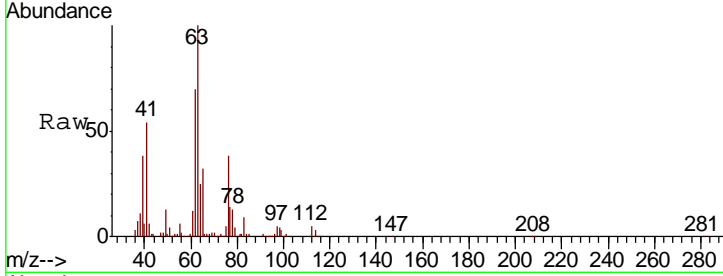


#45  
 1,2-Dichloropropane  
 Concen: 20.25 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
63	100		
65	32.1	24.6	37.0

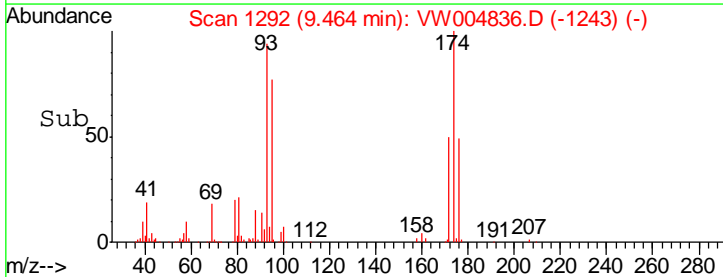
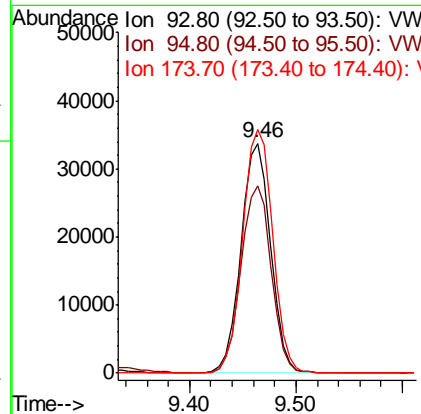
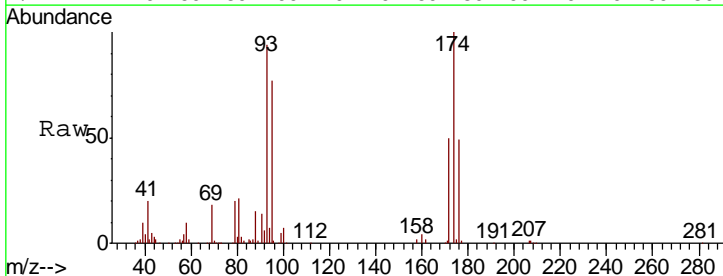
Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

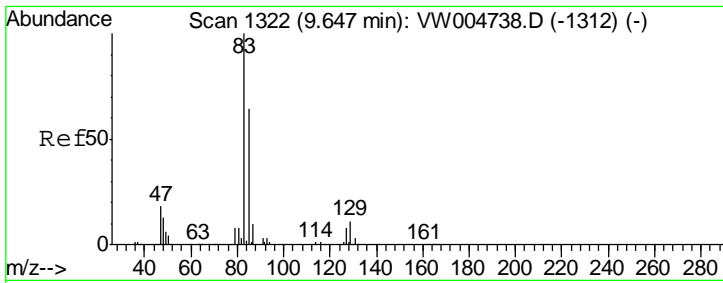
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#46  
 Dibromomethane  
 Concen: 19.66 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

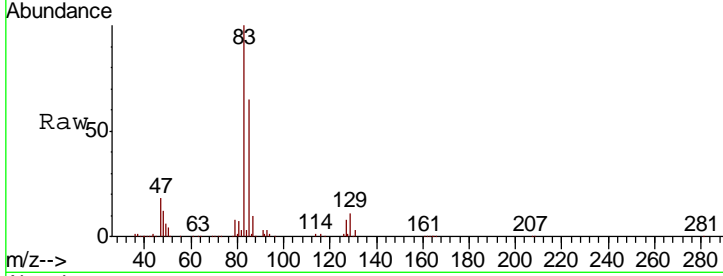
Tgt Ion	Resp	Lower	Upper
93	100		
95	83.4	66.6	99.8
174	107.5	85.3	127.9





#47  
 Bromodichloromethane  
 Concen: 20.06 ug/l  
 RT: 9.65 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

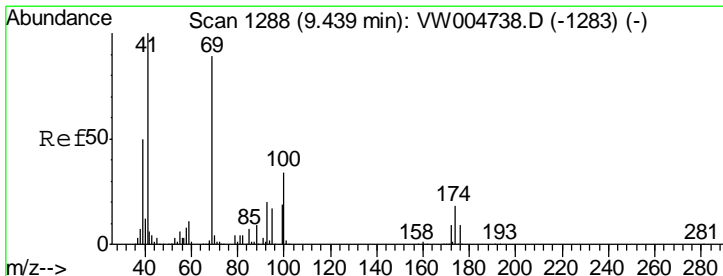
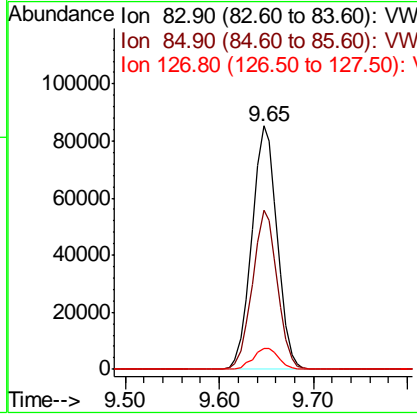
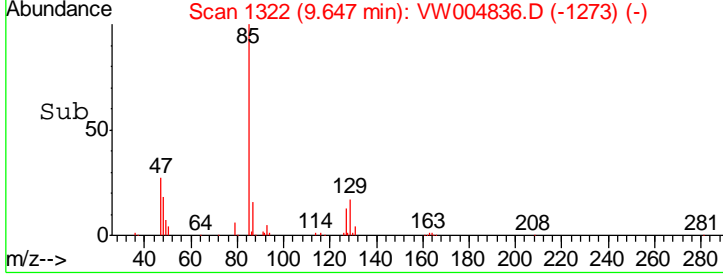
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01



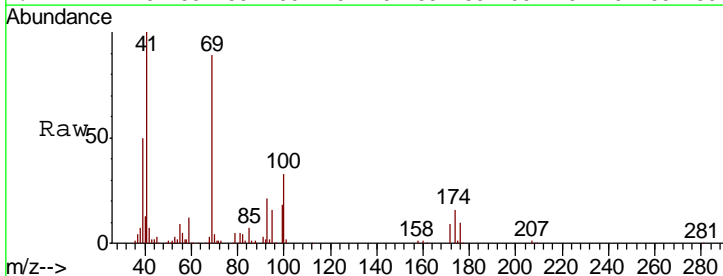
Tgt Ion: 83 Resp: 161333

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.2	76.8
127	8.5	6.7	10.1

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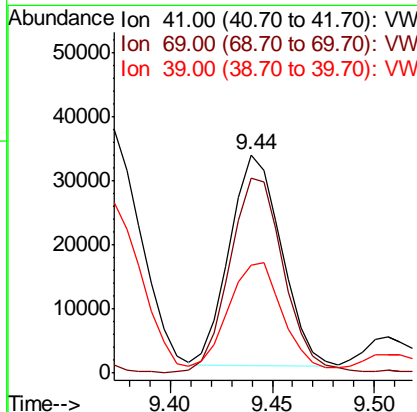
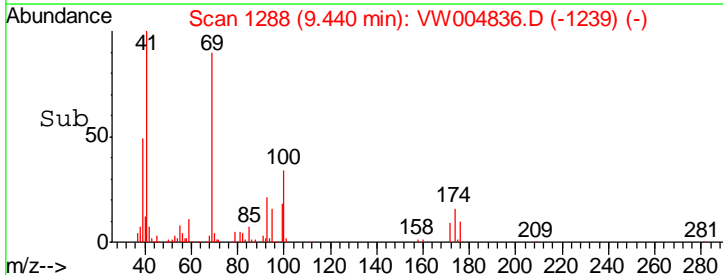


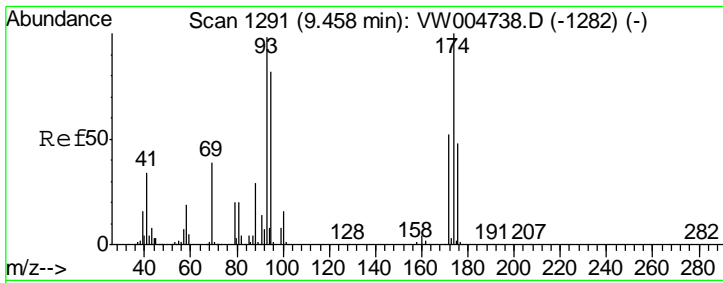
#48  
 Methyl methacrylate  
 Concen: 18.13 ug/l  
 RT: 9.44 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02



Tgt Ion: 41 Resp: 58232

Ion	Ratio	Lower	Upper
41	100		
69	95.3	75.2	112.8
39	50.9	39.8	59.6



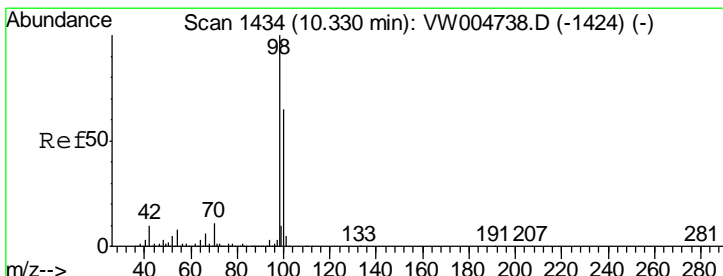
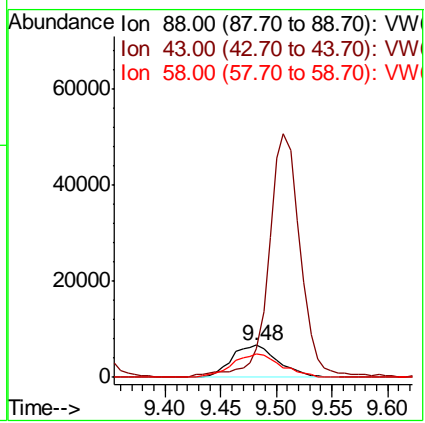
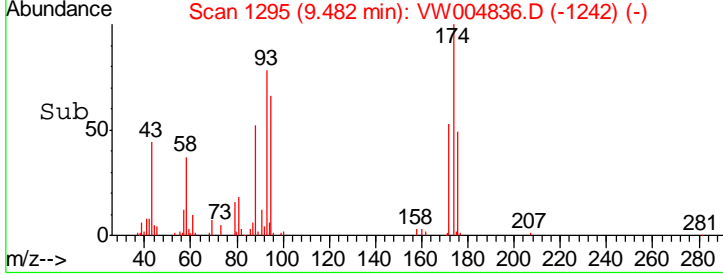
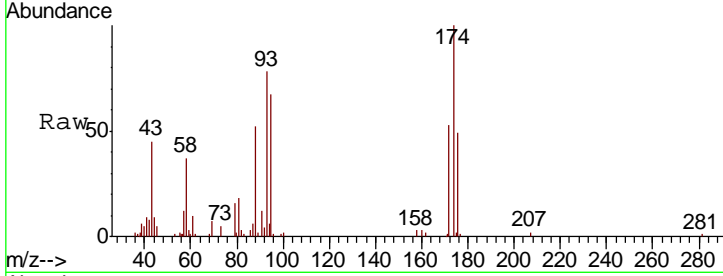


#49  
 1,4-Dioxane  
 Concen: 396.75 ug/l  
 RT: 9.48 min Scan# 1295  
 Delta R.T. 0.02 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

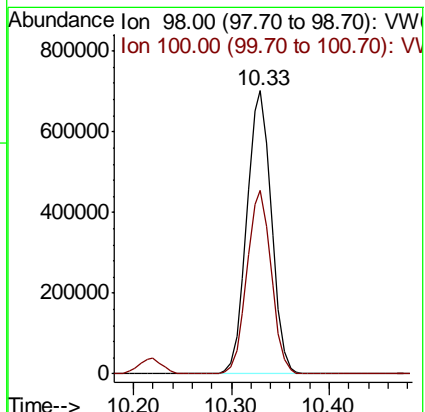
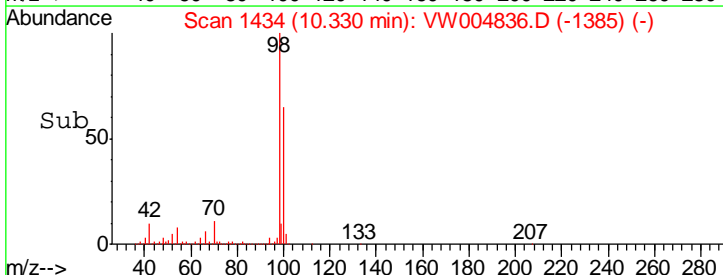
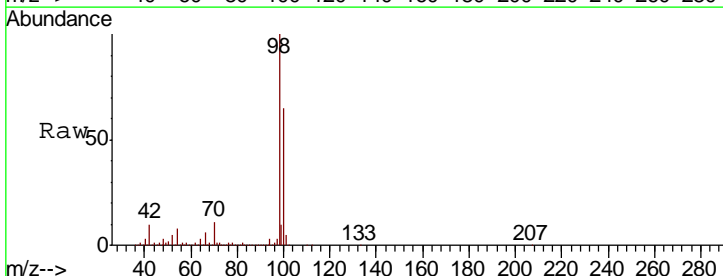
Tgt Ion	Resp	Lower	Upper
88	19517		
88	100		
43	0.0	22.9	34.3#
58	77.9	60.0	90.0

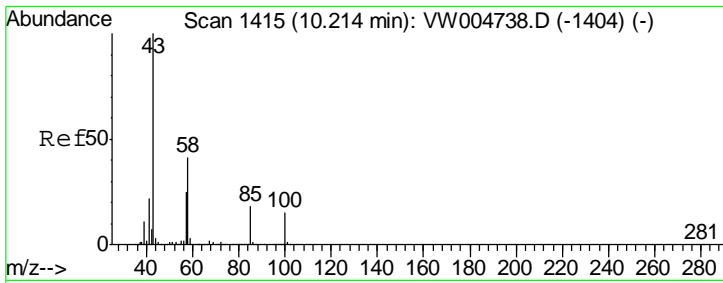
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#50  
 Toluene-d8  
 Concen: 52.59 ug/l  
 RT: 10.33 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
98	1217770		
98	100		
100	64.3	51.8	77.8



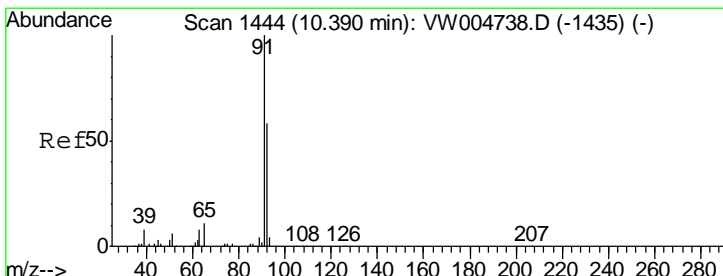
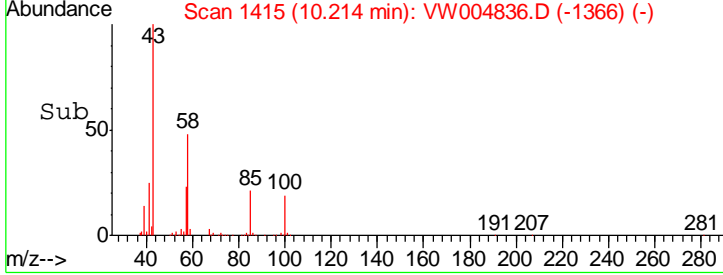
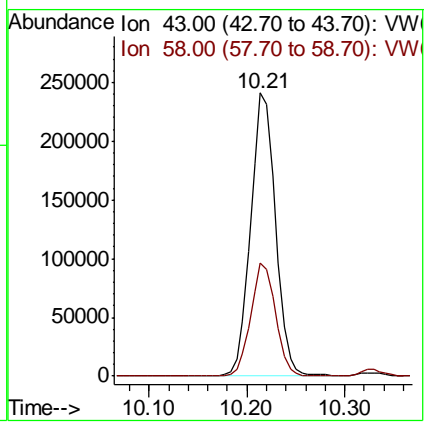
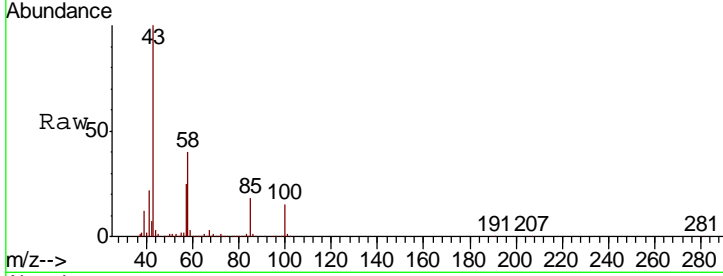


#51  
 4-Methyl-2-Pentanone  
 Concen: 91.95 ug/l  
 RT: 10.21 min Scan# 1415  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

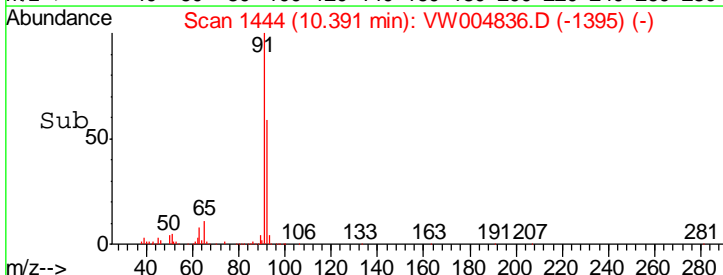
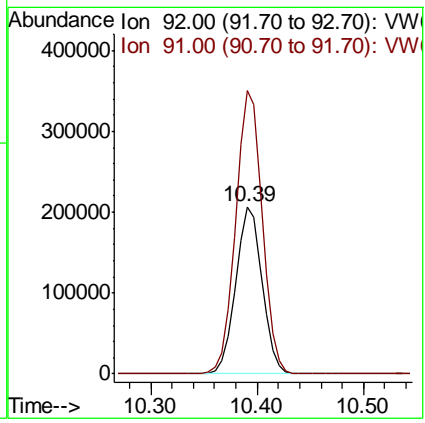
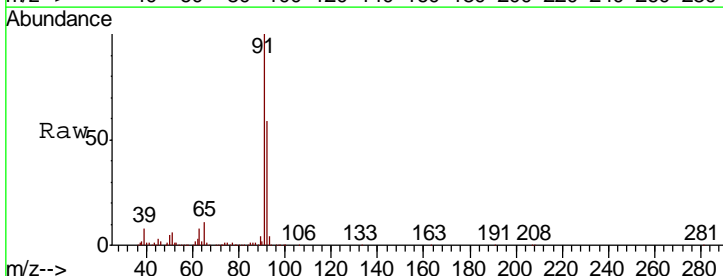
Tgt Ion: 43 Resp: 425414  
 Ion Ratio Lower Upper  
 43 100  
 58 39.8 32.7 49.1

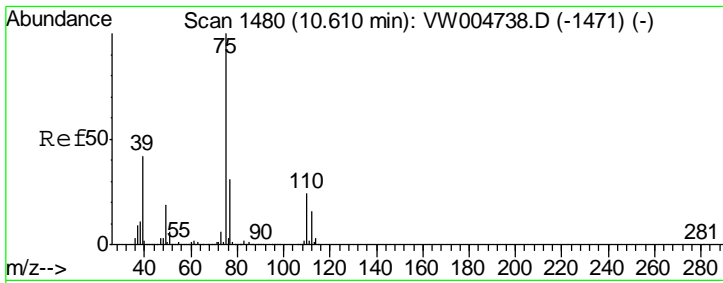
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#52  
 Toluene  
 Concen: 21.53 ug/l  
 RT: 10.39 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion: 92 Resp: 358709  
 Ion Ratio Lower Upper  
 92 100  
 91 171.3 138.3 207.5



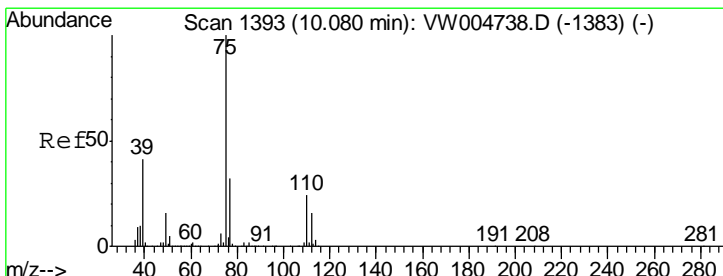
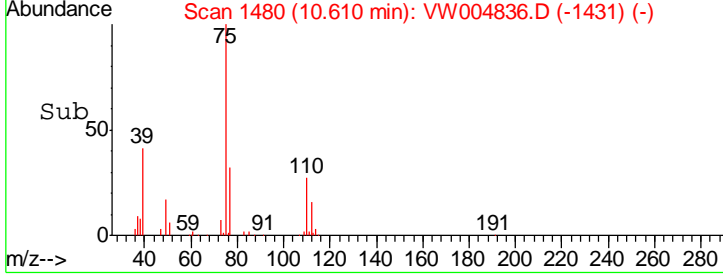
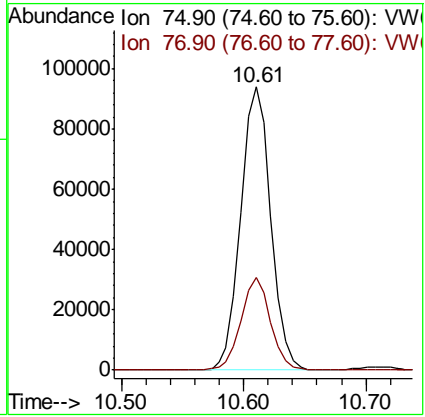
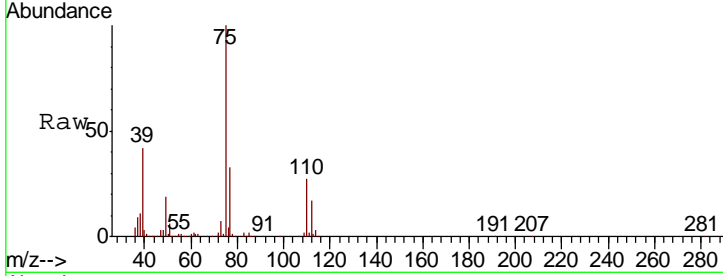


#53  
 t-1,3-Dichloropropene  
 Concen: 19.72 ug/l  
 RT: 10.61 min Scan# 1480  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

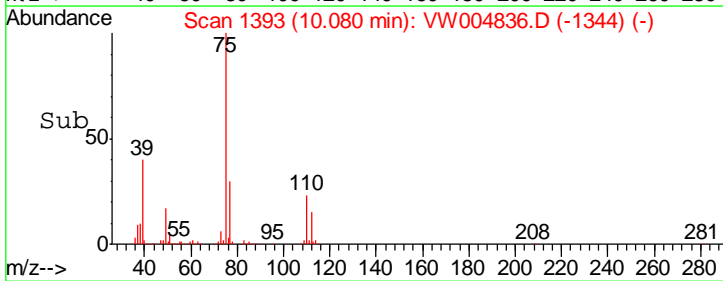
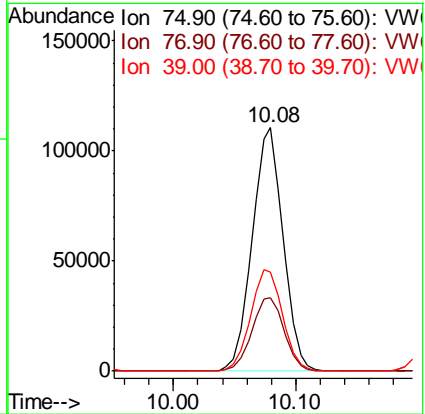
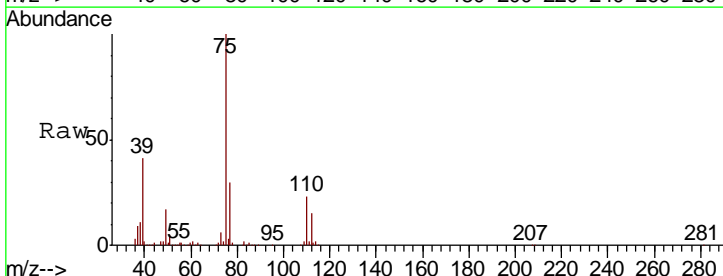
Tgt Ion	Resp	Lower	Upper
75	159738		
75	100		
77	32.5	24.8	37.2

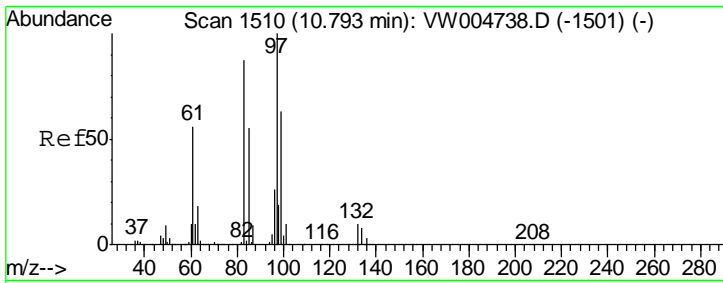
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#54  
 cis-1,3-Dichloropropene  
 Concen: 20.12 ug/l  
 RT: 10.08 min Scan# 1393  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
75	194352		
75	100		
77	30.4	25.6	38.4
39	40.4	33.0	49.4





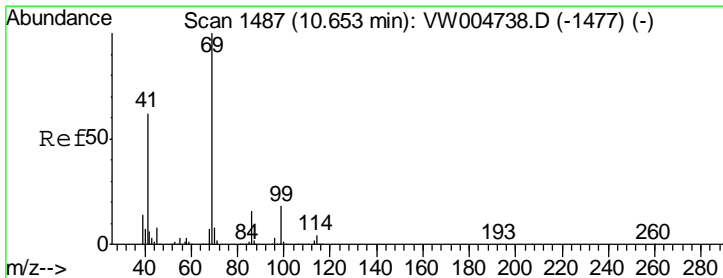
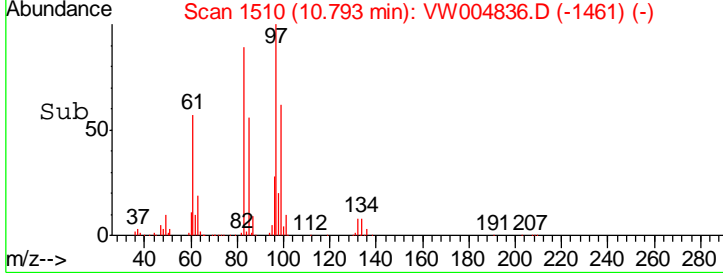
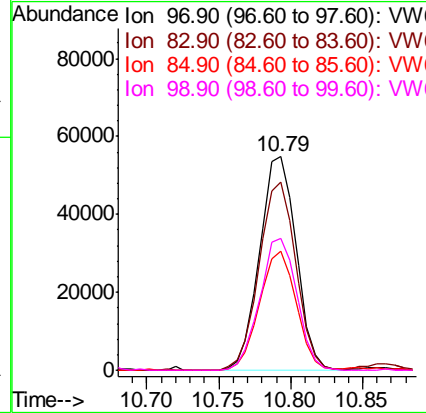
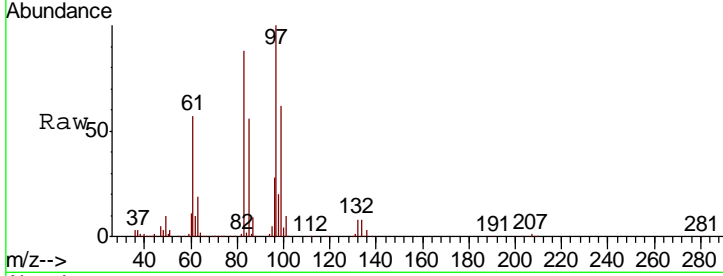
#55  
 1,1,2-Trichloroethane  
 Concen: 20.16 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
97	100		
83	88.4	69.4	104.2
85	55.9	44.3	66.5
99	61.8	50.2	75.2

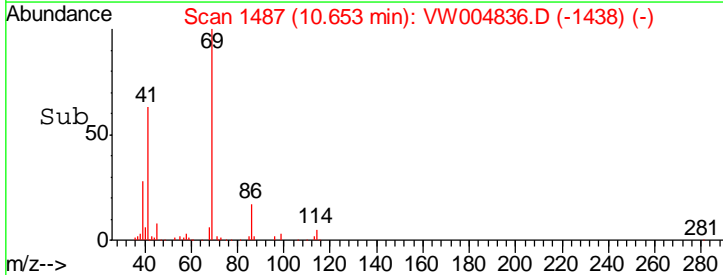
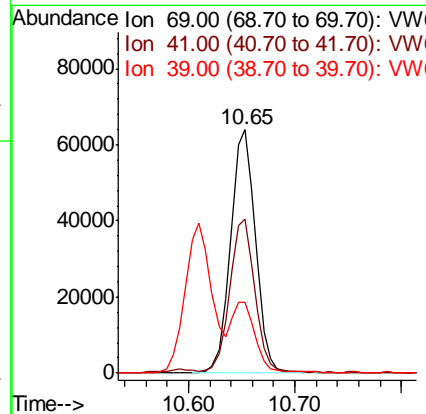
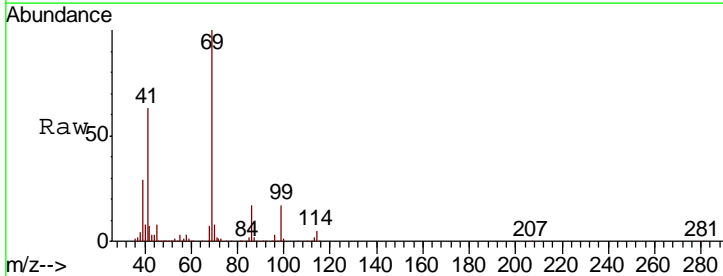
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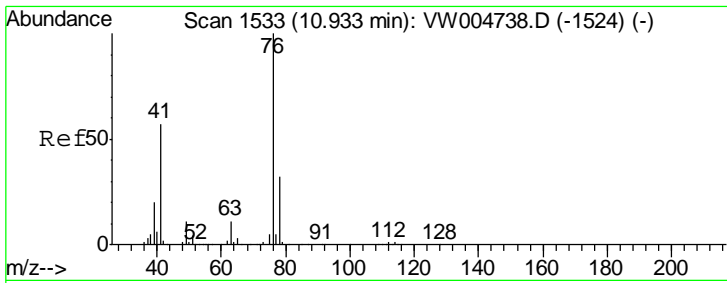


#56  
 Ethyl methacrylate  
 Concen: 18.77 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	26.8	21.4	32.2







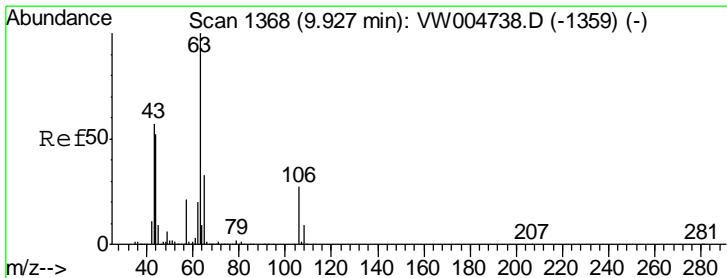
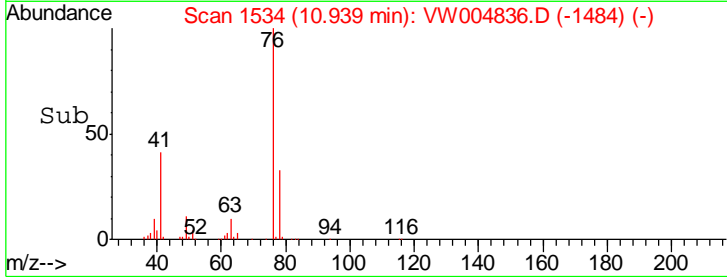
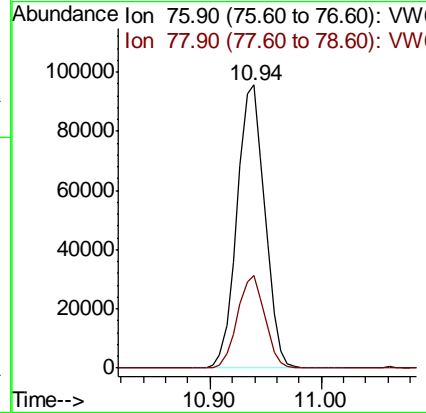
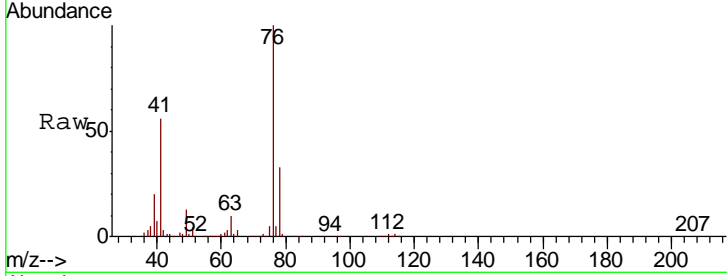
#57  
 1,3-Dichloropropane  
 Concen: 20.02 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. 0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
76	165405		
76	100		
78	32.5	25.9	38.9

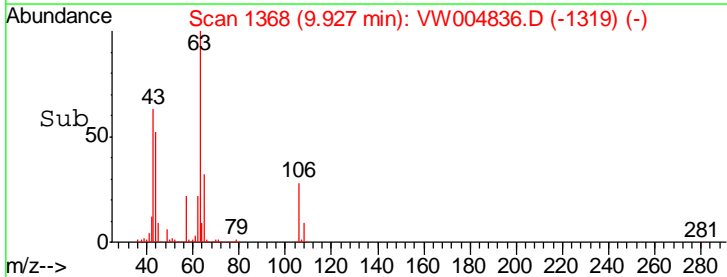
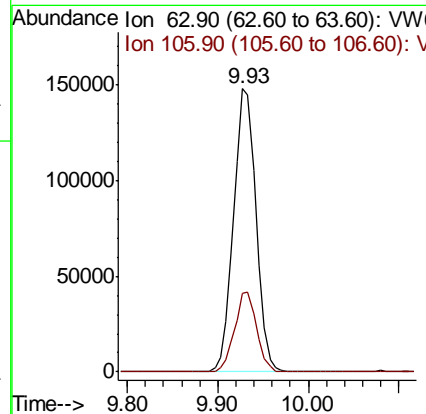
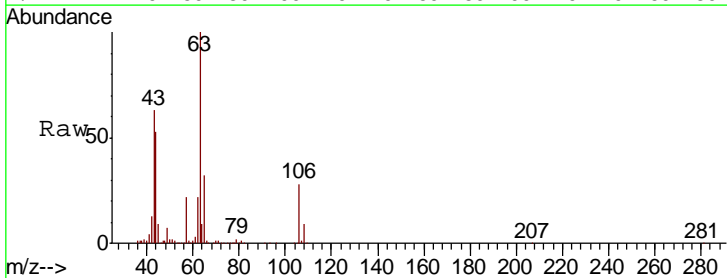
**Manual Integrations**  
**APPROVED**

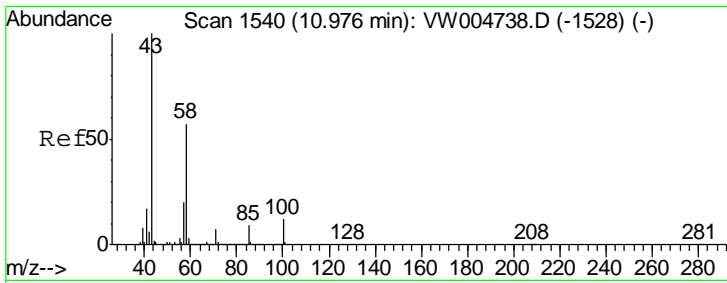
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 96.20 ug/l  
 RT: 9.93 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
63	254290		
63	100		
106	27.7	22.1	33.1



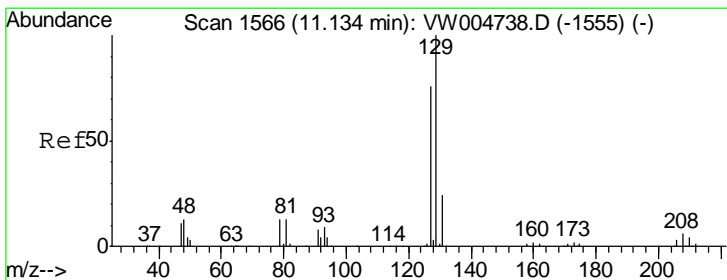
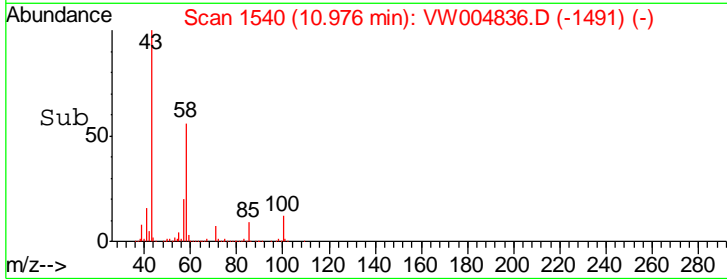
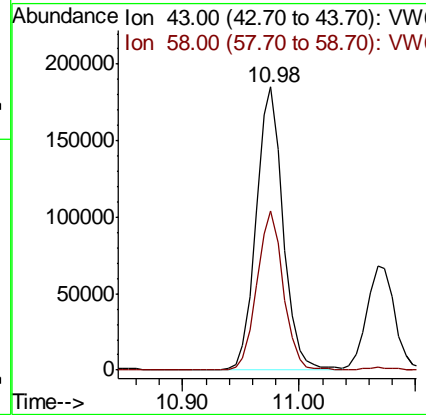
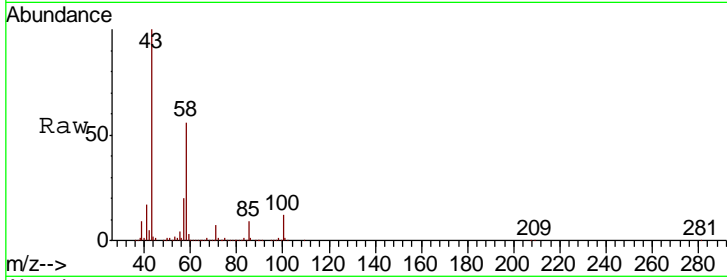


#59  
 2-Hexanone  
 Concen: 94.89 ug/l  
 RT: 10.98 min Scan# 1540  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

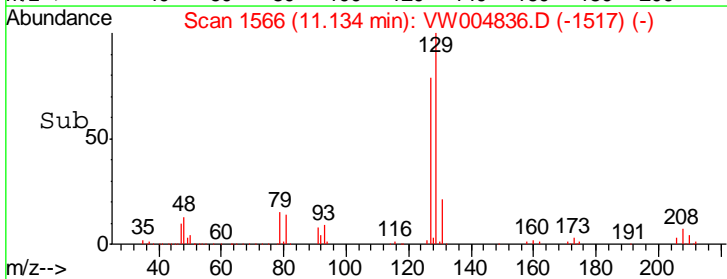
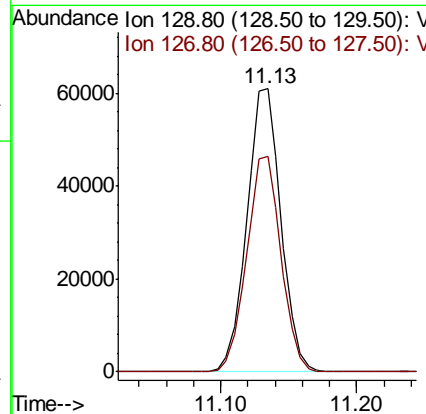
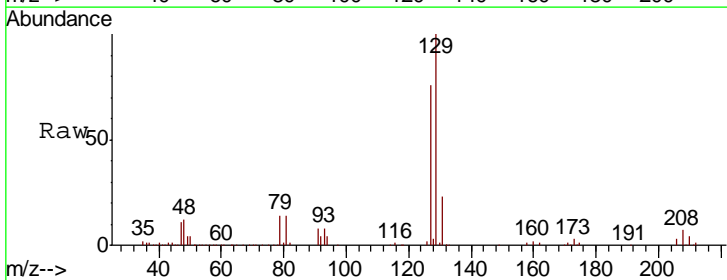
Tgt Ion	Resp	Lower	Upper
43	100		
58	55.3	28.1	84.4

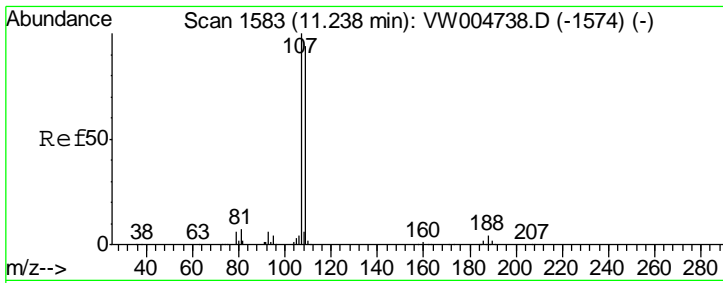
Manual Integrations  
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#60  
 Dibromochloromethane  
 Concen: 19.88 ug/l  
 RT: 11.13 min Scan# 1566  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
129	100		
127	76.6	38.5	115.5





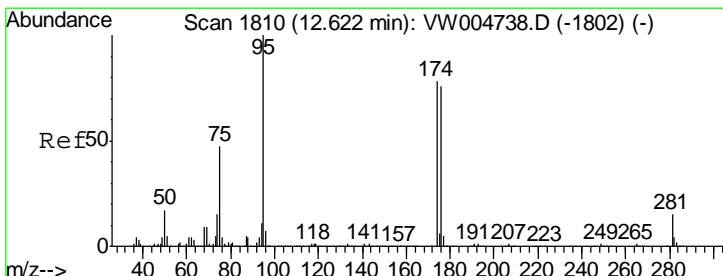
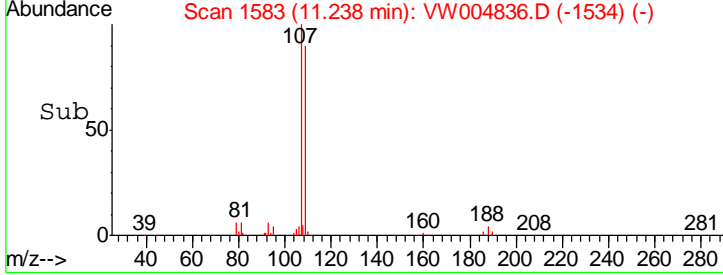
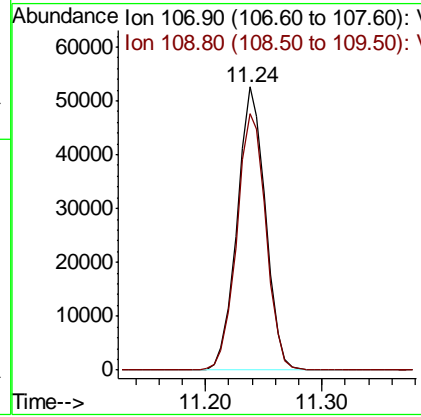
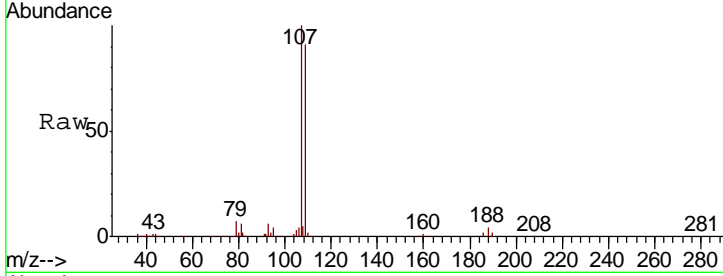
#61  
 1,2-Dibromoethane  
 Concen: 19.48 ug/l  
 RT: 11.24 min Scan# 1583  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
107	100		
109	93.0	75.5	113.3

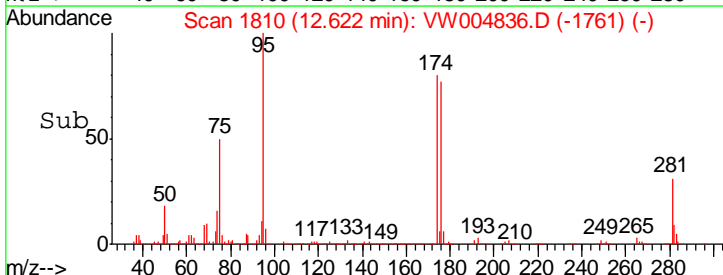
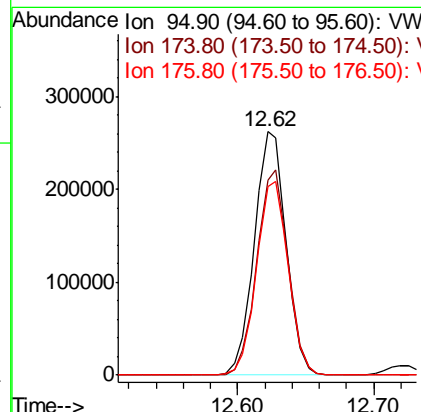
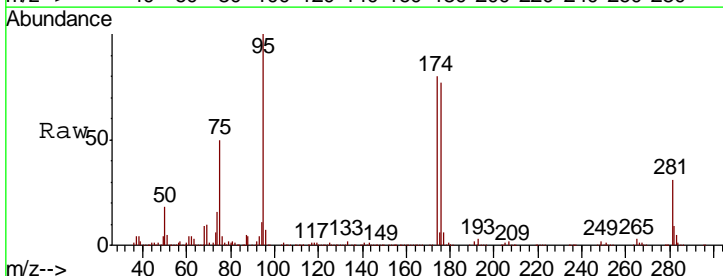
Manual Integrations  
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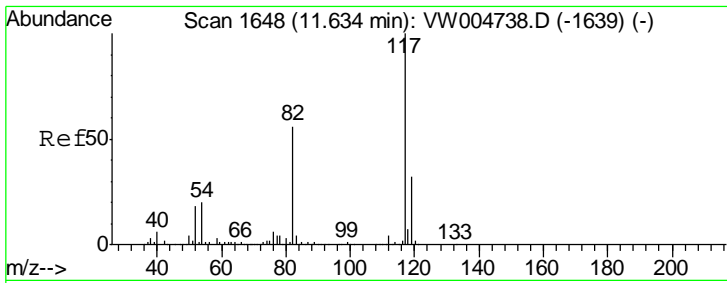
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#62  
 4-Bromofluorobenzene  
 Concen: 51.52 ug/l  
 RT: 12.62 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
95	100		
174	83.4	0.0	165.8
176	79.7	0.0	159.8





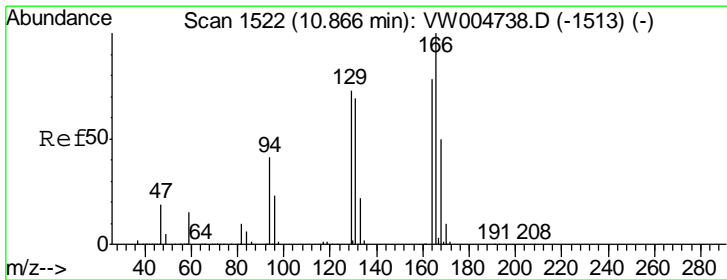
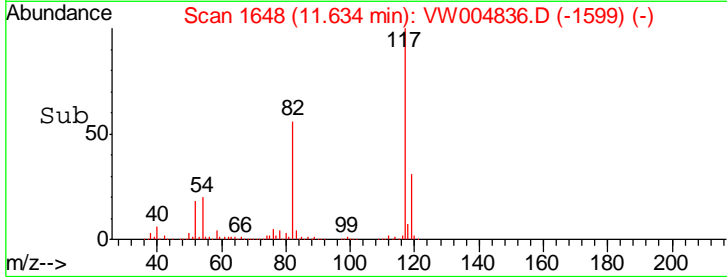
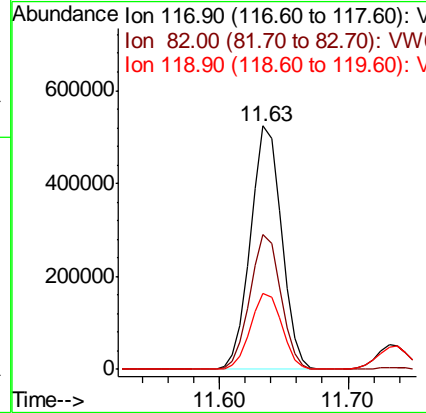
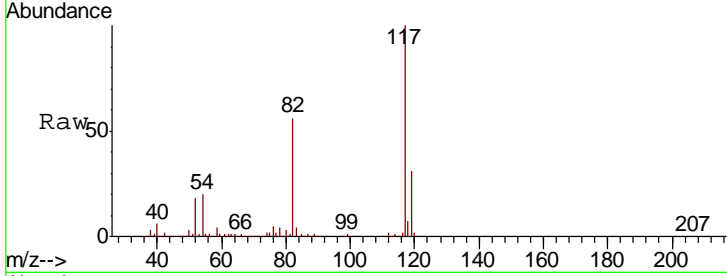
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.63 min Scan# 1648  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
117	100		
82	55.6	44.6	67.0
119	31.2	25.6	38.4

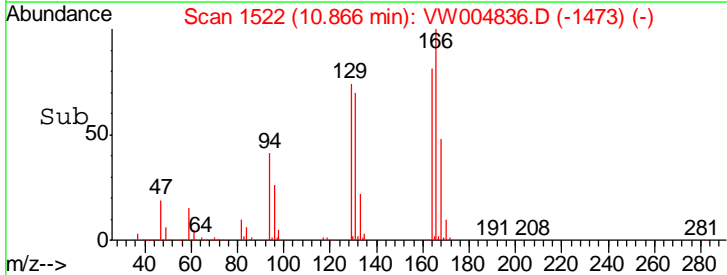
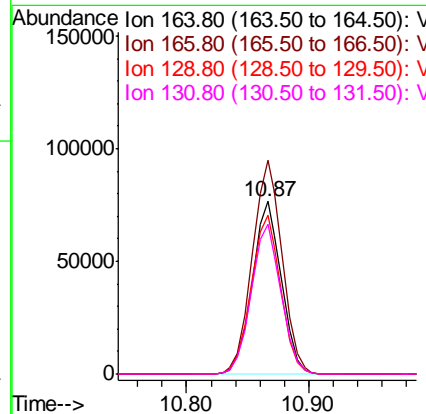
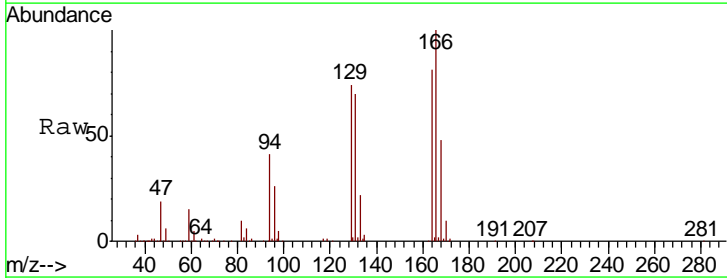
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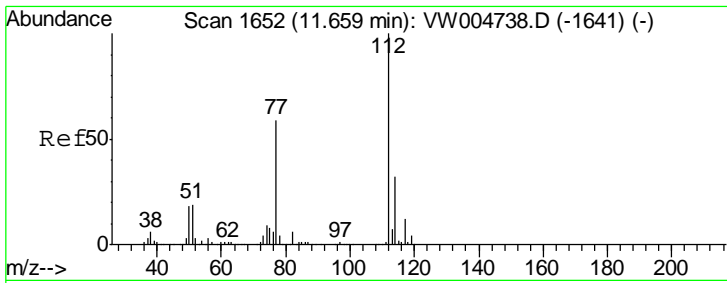
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#64  
 Tetrachloroethene  
 Concen: 21.29 ug/l  
 RT: 10.87 min Scan# 1522  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
164	100		
166	123.9	102.5	153.7
129	92.0	75.1	112.7
131	86.7	71.3	106.9





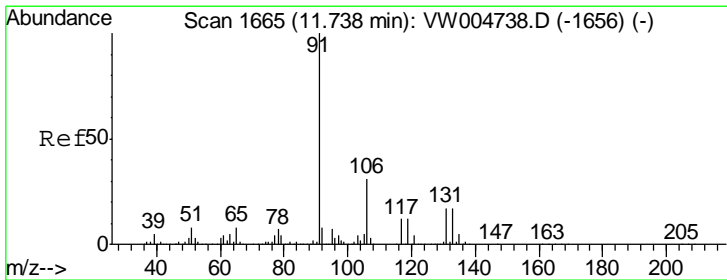
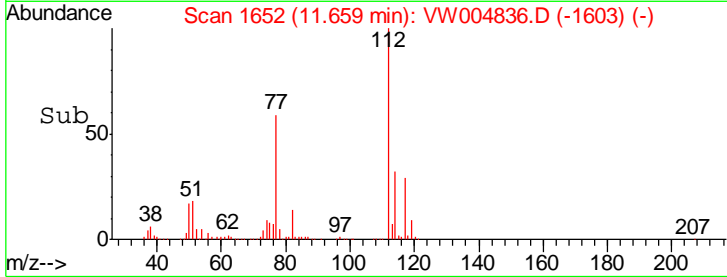
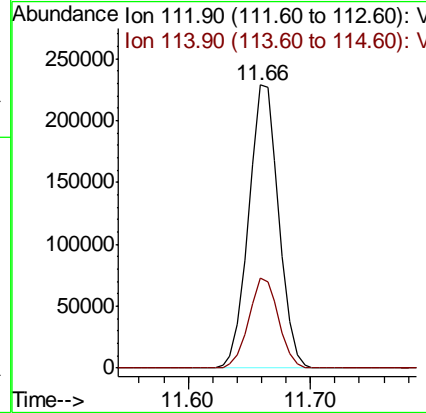
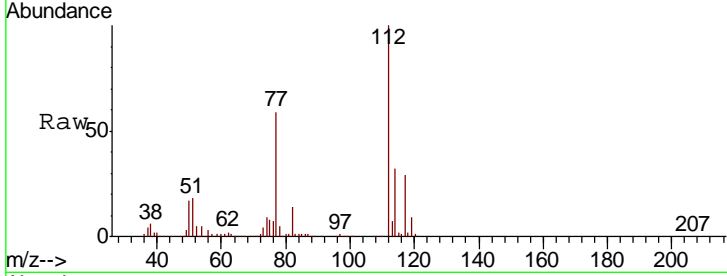
#65  
 Chlorobenzene  
 Concen: 20.86 ug/l  
 RT: 11.66 min Scan# 1652  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 Client Sampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
112	390273		
114	31.7	25.4	38.2

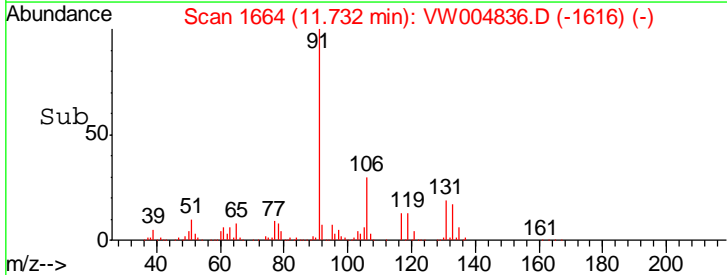
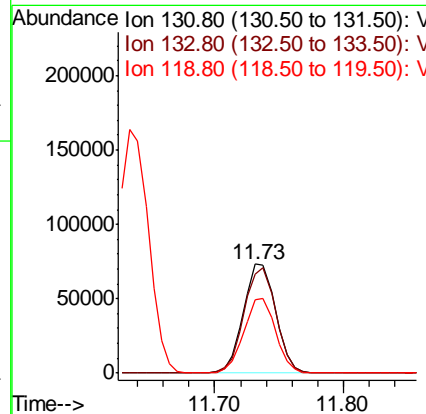
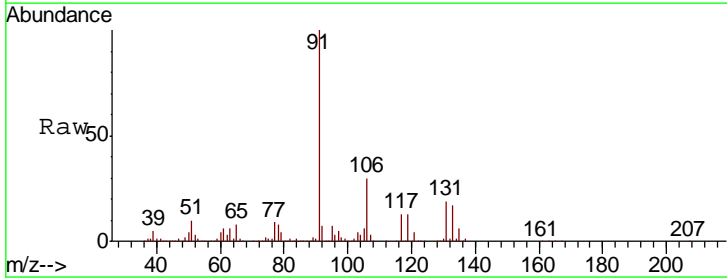
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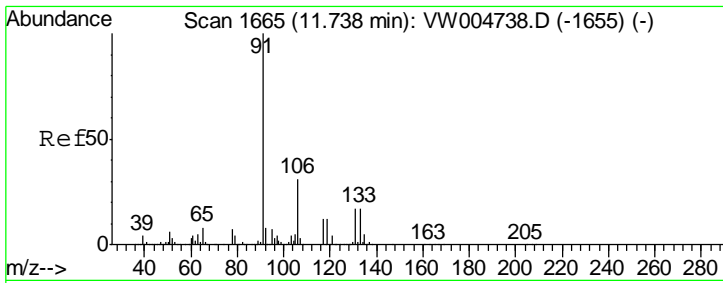
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 20.11 ug/l  
 RT: 11.73 min Scan# 1664  
 Delta R.T. -0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
131	127043		
133	95.7	48.2	144.6
119	67.3	34.0	102.0



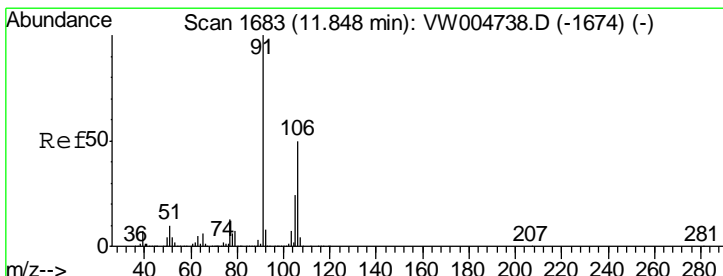
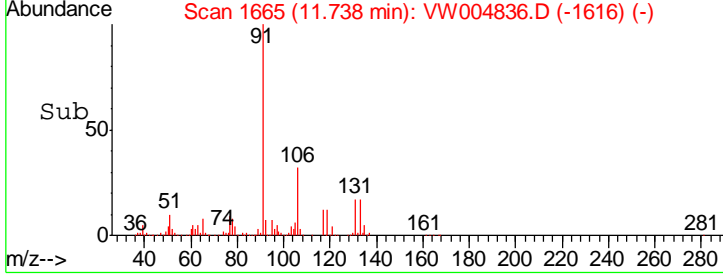
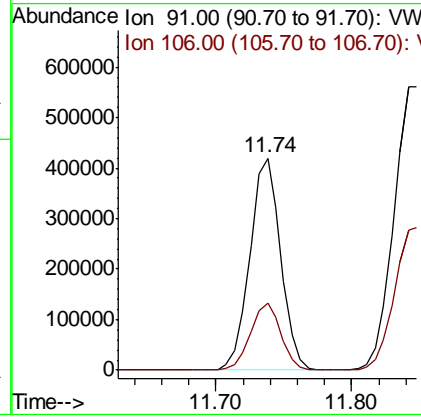
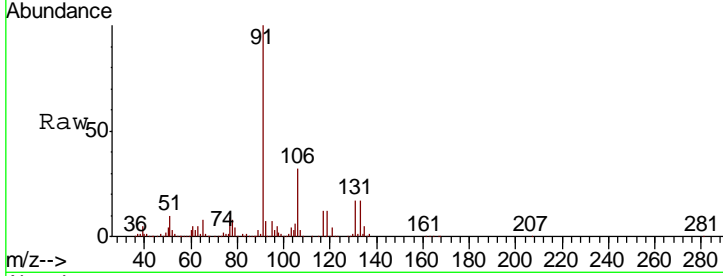


#67  
 Ethyl Benzene  
 Concen: 20.98 ug/l  
 RT: 11.74 min Scan# 1665  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

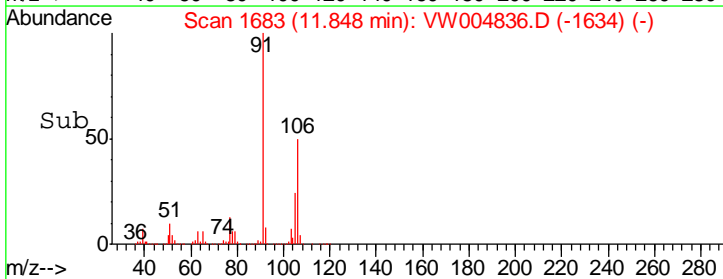
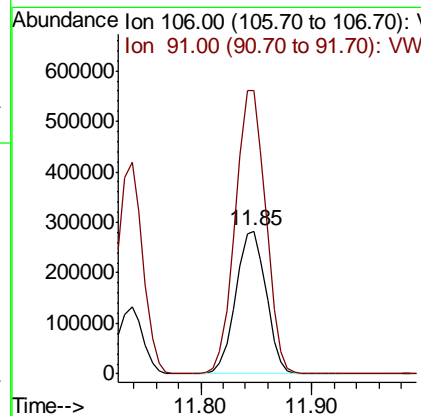
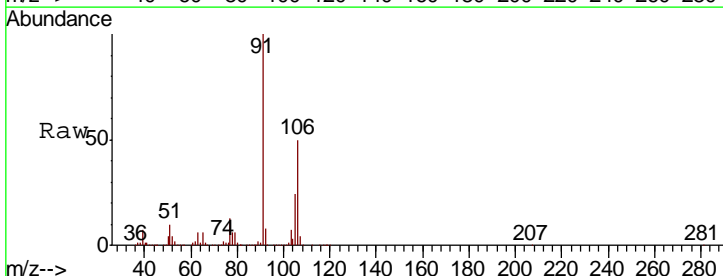
Tgt Ion	Resp	Lower	Upper
91	100		
106	31.9	24.9	37.3

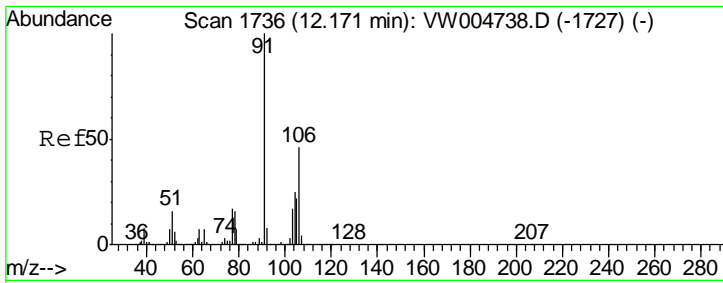
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#68  
 m/p-Xylenes  
 Concen: 43.18 ug/l  
 RT: 11.85 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
106	100		
91	200.0	159.9	239.9





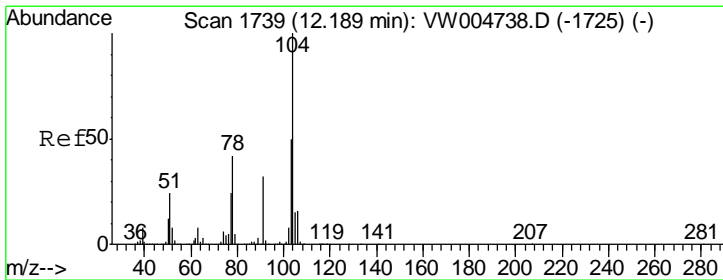
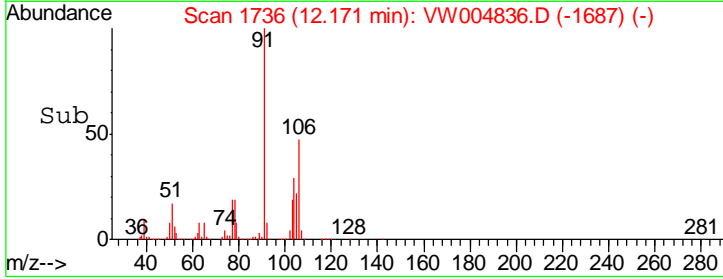
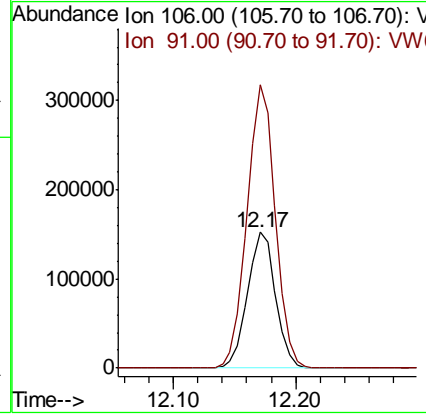
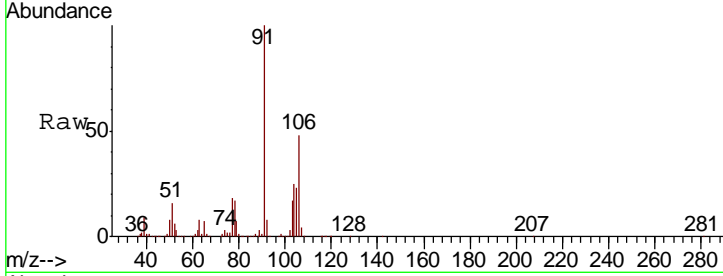
#69  
 o-Xylene  
 Concen: 21.25 ug/l  
 RT: 12.17 min Scan# 1736  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
106	242738		
106	100		
91	209.3	107.3	321.8

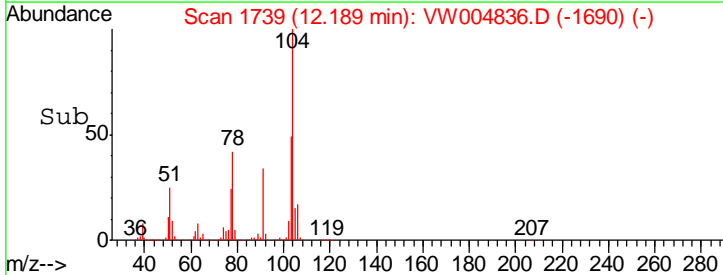
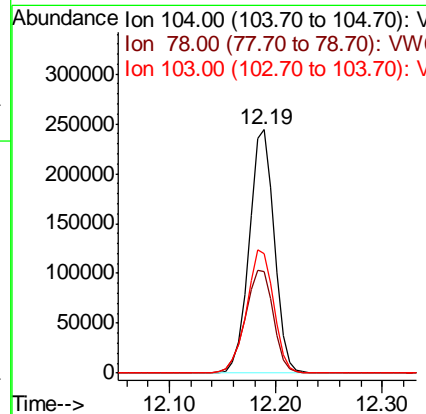
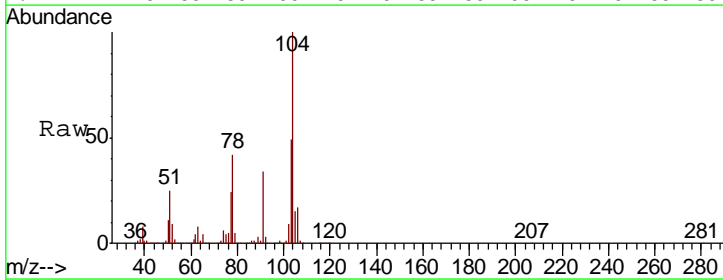
**Manual Integrations**  
**APPROVED**

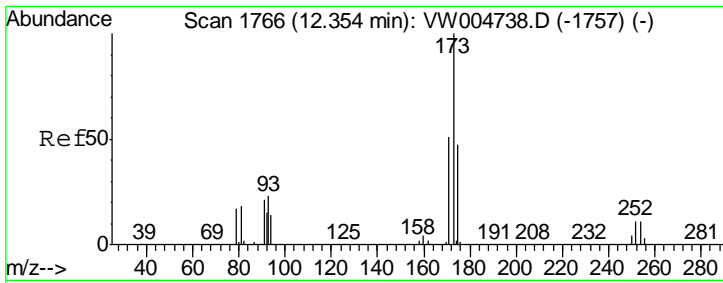
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#70  
 Styrene  
 Concen: 21.11 ug/l  
 RT: 12.19 min Scan# 1739  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
104	404965		
104	100		
78	47.5	38.4	57.6
103	54.8	44.1	66.1





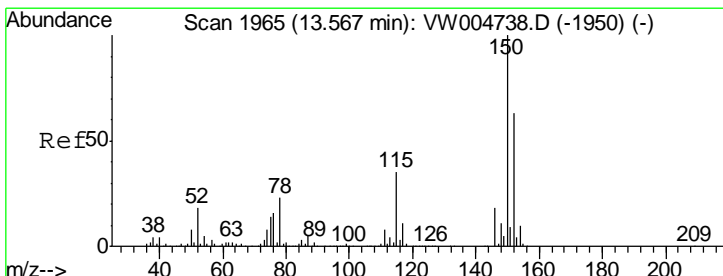
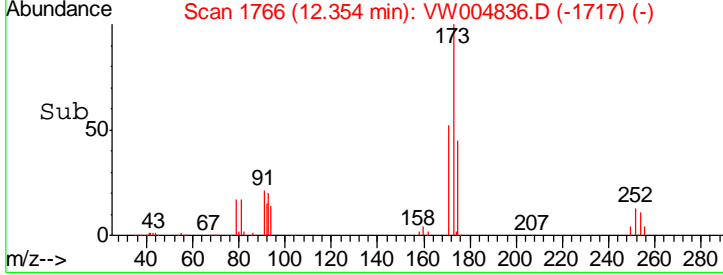
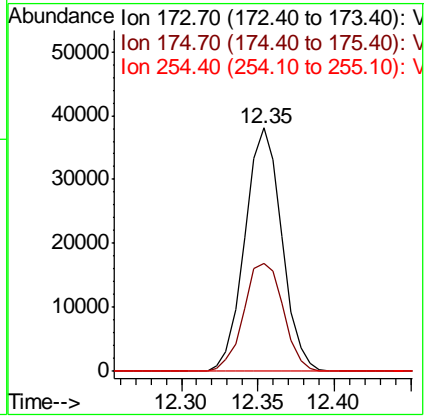
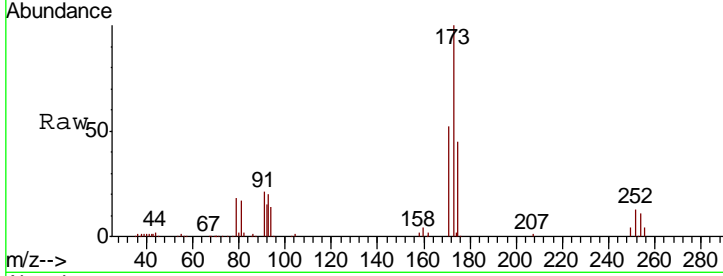
#71  
 Bromoform  
 Concen: 19.23 ug/l  
 RT: 12.35 min Scan# 1766  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
173	64120		
175	47.6	23.8	71.4
254	0.1	0.1	0.1#

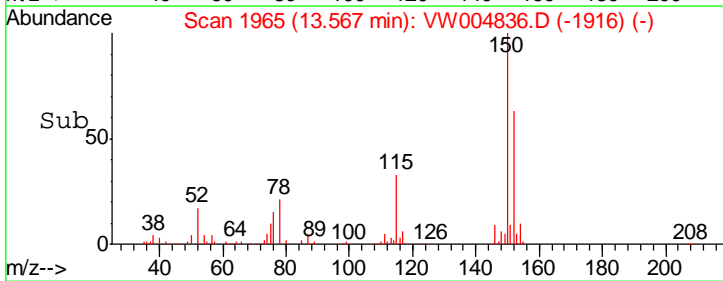
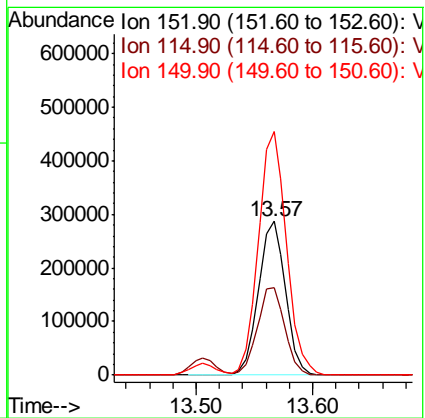
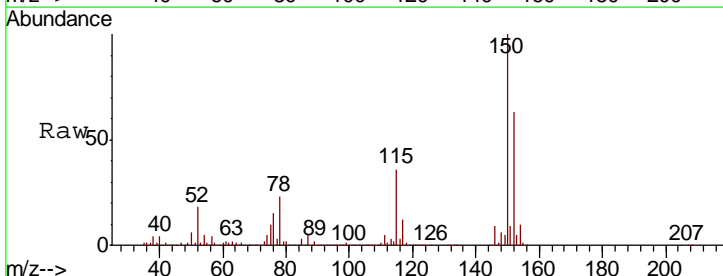
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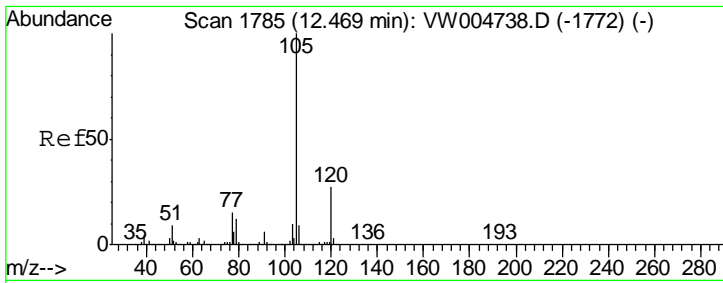


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.57 min Scan# 1965  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
152	463373		
150	164.5	0.0	344.8
115	57.7	28.5	85.5





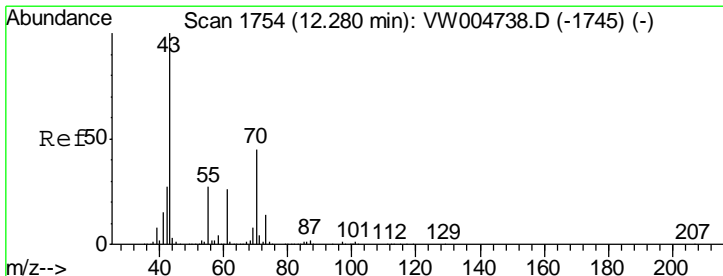
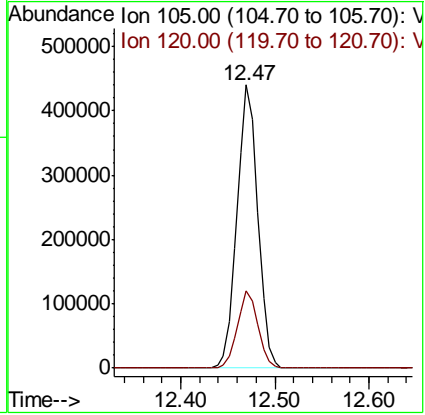
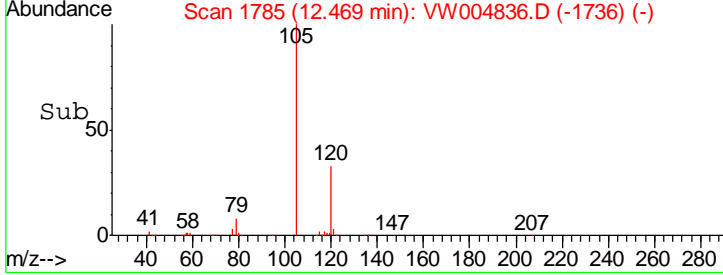
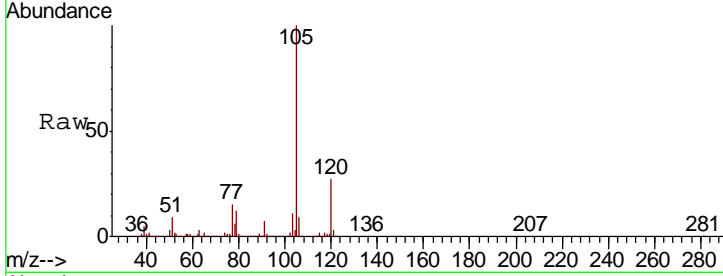


#73  
 Isopropylbenzene  
 Concen: 21.32 ug/l  
 RT: 12.47 min Scan# 1785  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

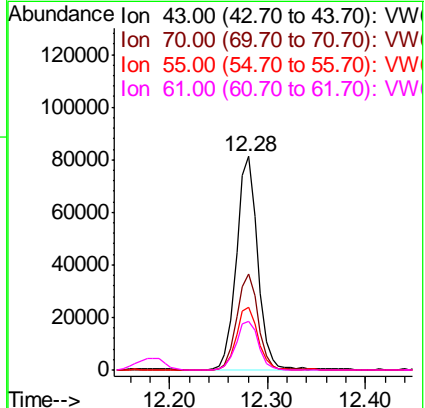
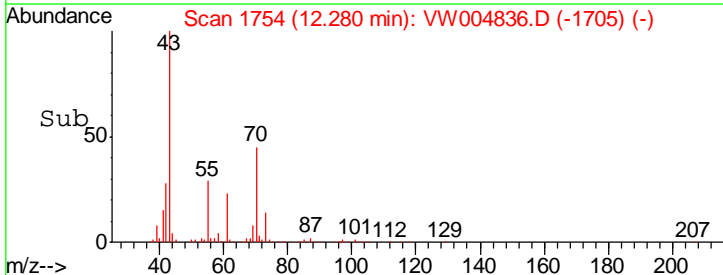
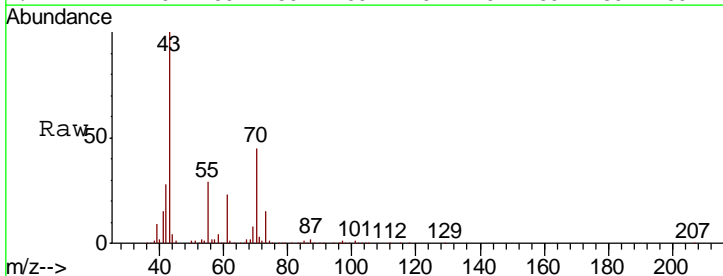
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.8	13.3	39.9

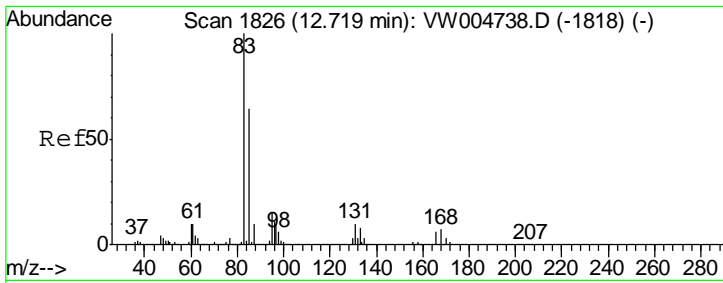
Manual Integrations  
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#74  
 N-aryl acetate  
 Concen: 19.24 ug/l  
 RT: 12.28 min Scan# 1754  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
43	100		
70	45.2	36.3	54.5
55	30.2	22.6	33.8
61	24.3	20.2	30.4



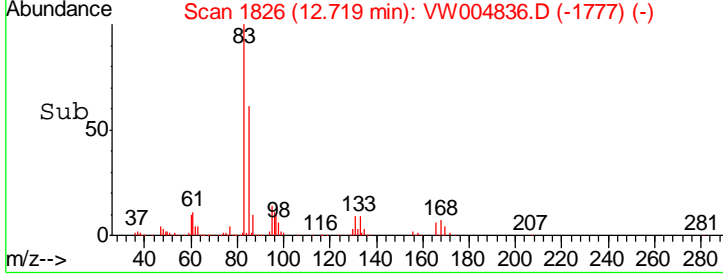
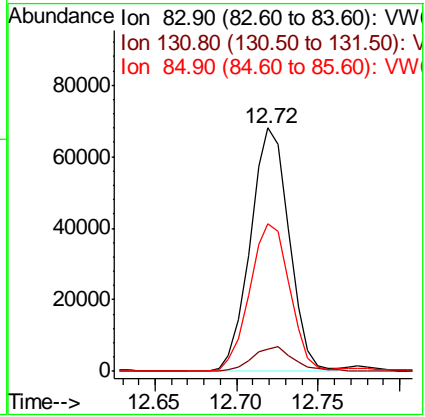
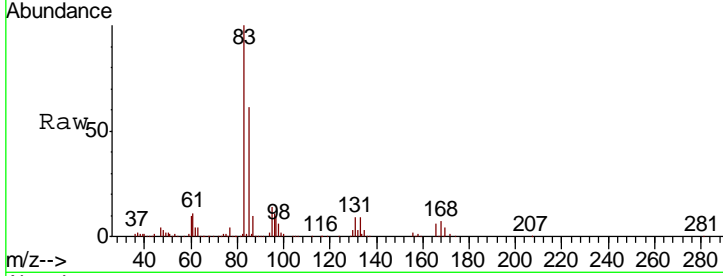


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.31 ug/l  
 RT: 12.72 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

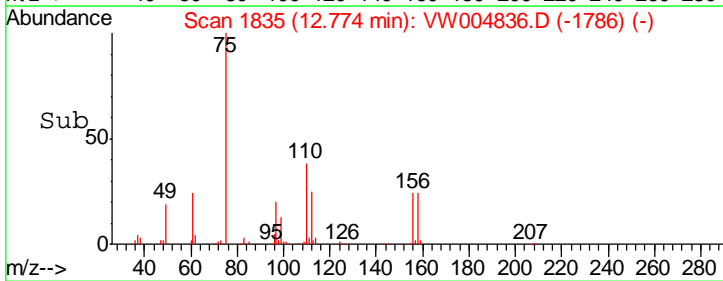
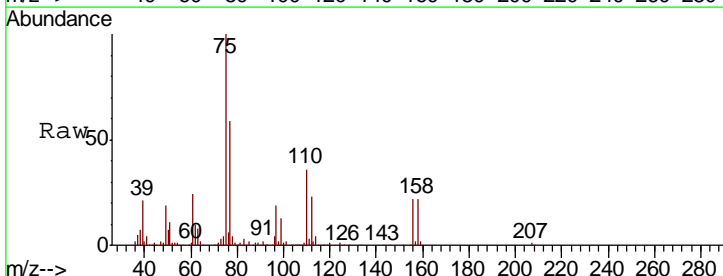
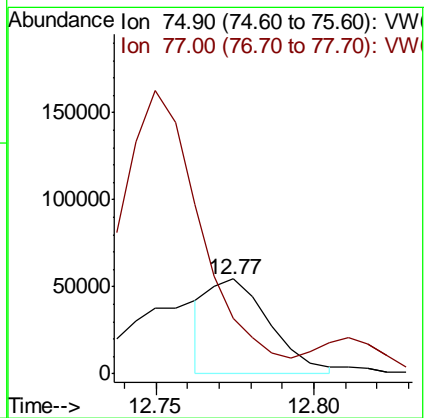
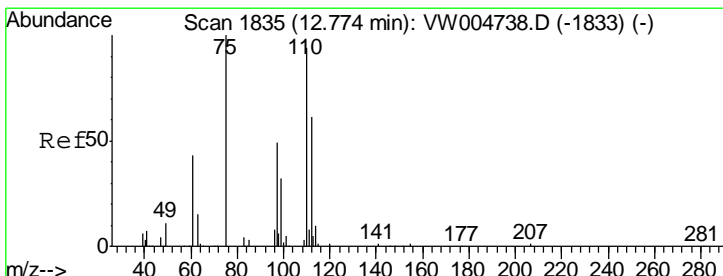
Tgt Ion	Resp	Lower	Upper
83	112787		
131	10.6	5.3	15.8
85	62.6	31.9	95.9

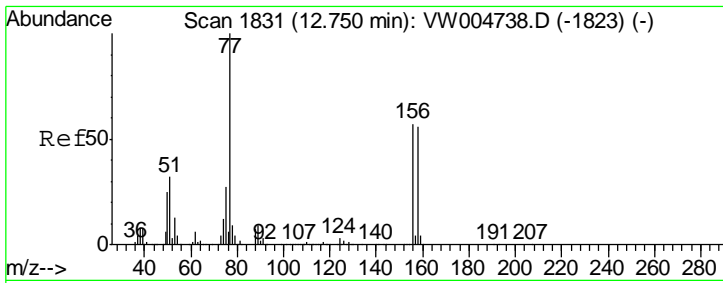
Manual Integrations  
**APPROVED**  
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#76  
 1,2,3-Trichloropropane  
 Concen: 18.01 ug/l m  
 RT: 12.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
75	73586		
77	0.0	0.0	0.0



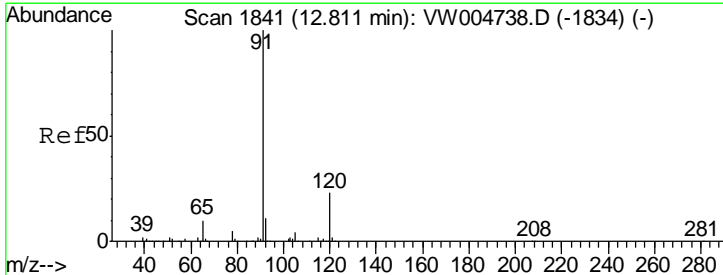
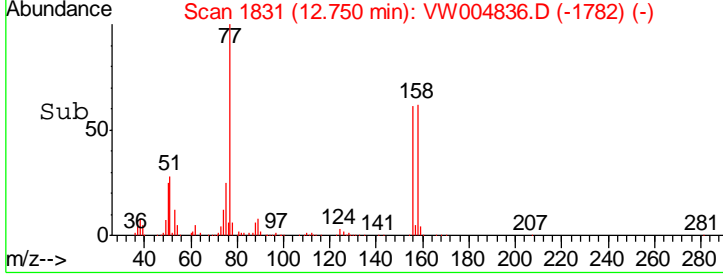
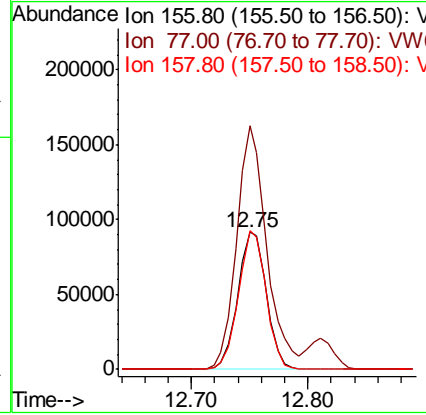
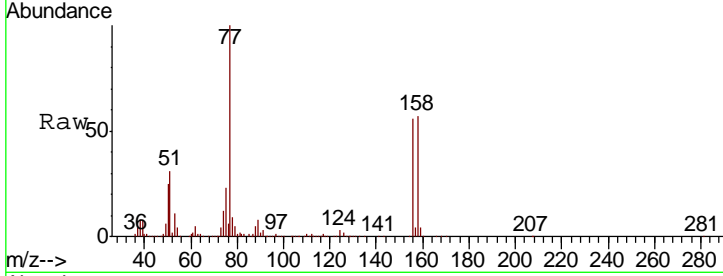


#77  
 Bromobenzene  
 Concen: 20.40 ug/l  
 RT: 12.75 min Scan# 1831  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 Client Sampled : VW0821SBSD01

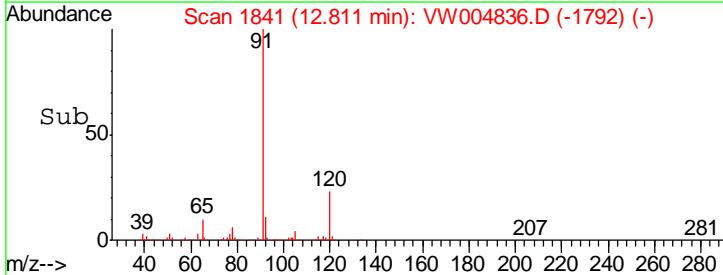
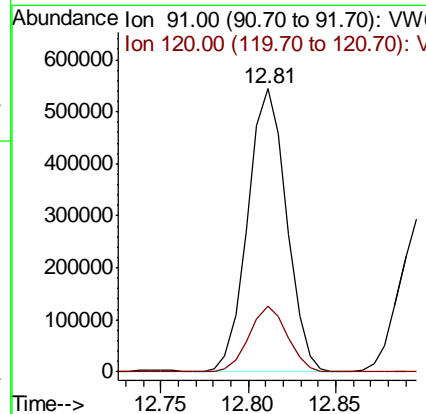
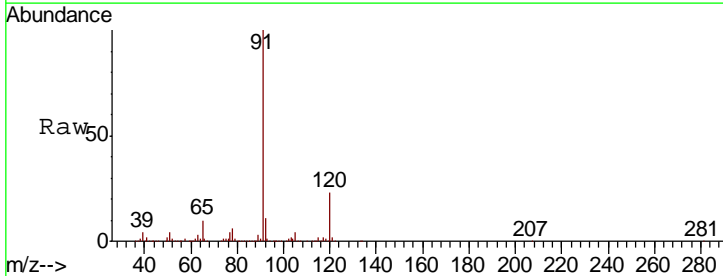
Tgt Ion	Resp	Lower	Upper
156	155651		
77	187.3	94.2	282.4
158	97.6	48.6	145.9

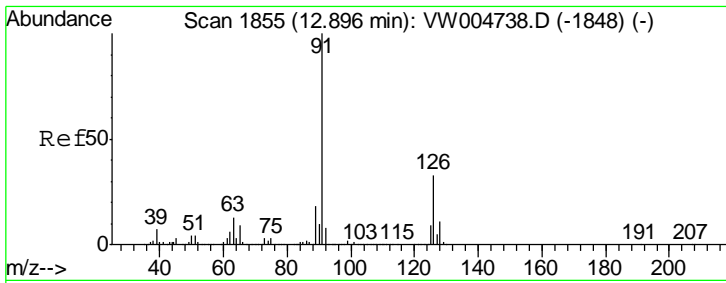
Manual Integrations  
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#78  
 n-propylbenzene  
 Concen: 21.82 ug/l  
 RT: 12.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
91	839299		
120	22.9	11.4	34.2



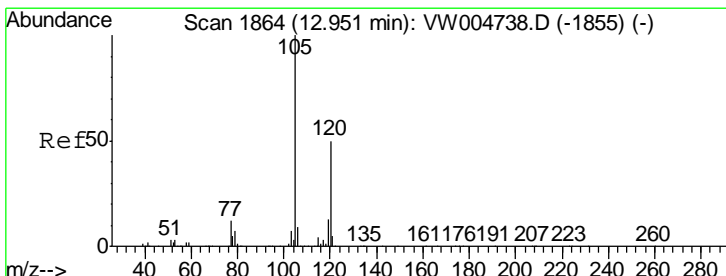
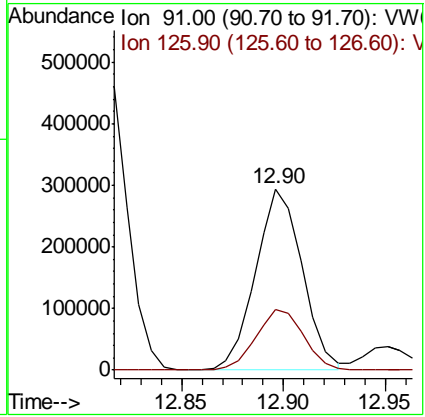
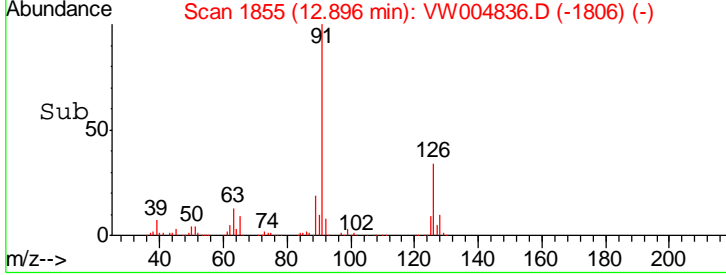
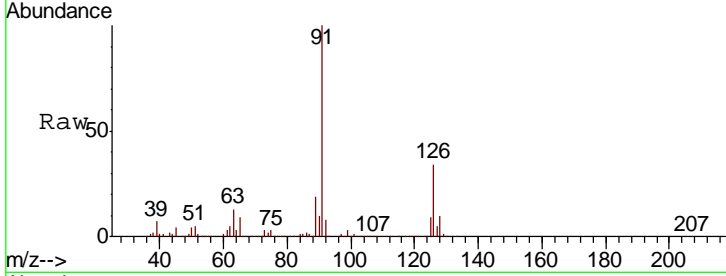


#79  
 2-Chlorotoluene  
 Concen: 21.06 ug/l  
 RT: 12.90 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

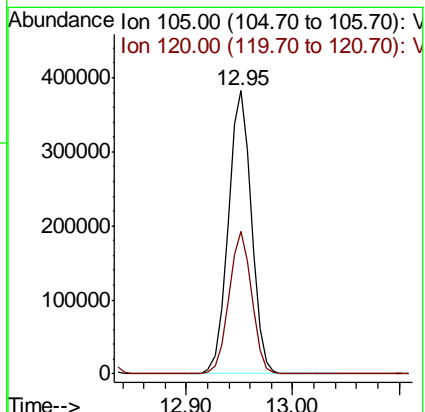
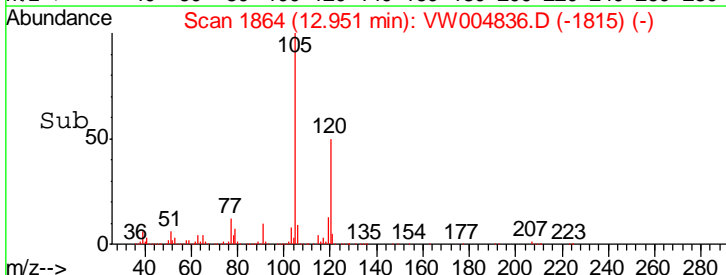
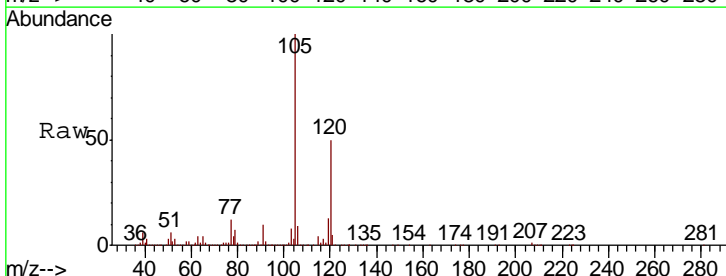
Tgt Ion	Resp	Lower	Upper
91	100		
126	34.6	17.0	51.0

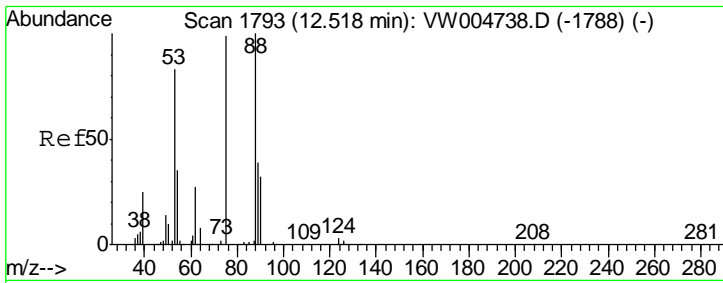
Manual Integrations  
**APPROVED**  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.69 ug/l  
 RT: 12.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
105	100		
120	49.6	24.7	74.1





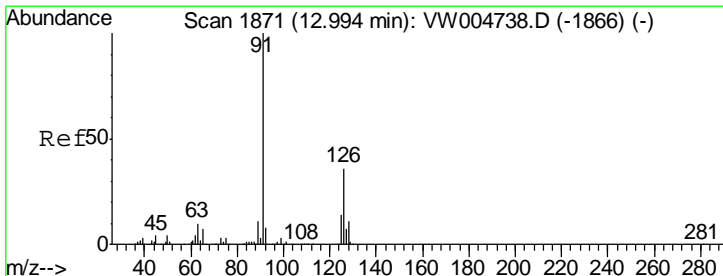
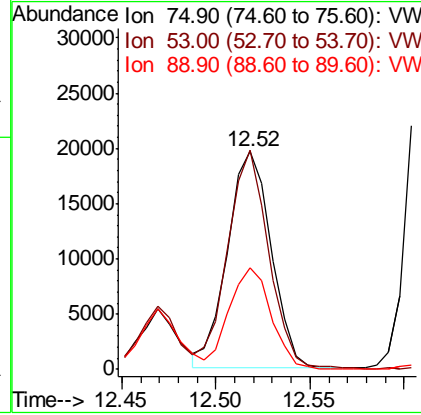
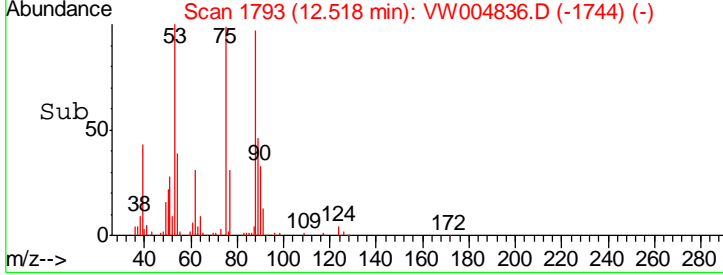
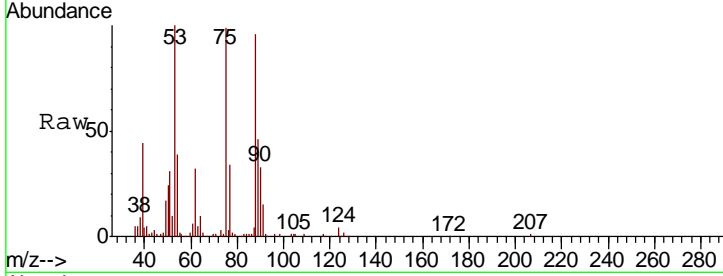
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 17.96 ug/l  
 RT: 12.52 min Scan# 1793  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
75	31570		
75	100		
53	95.2	72.2	108.4
89	45.1	35.2	52.8

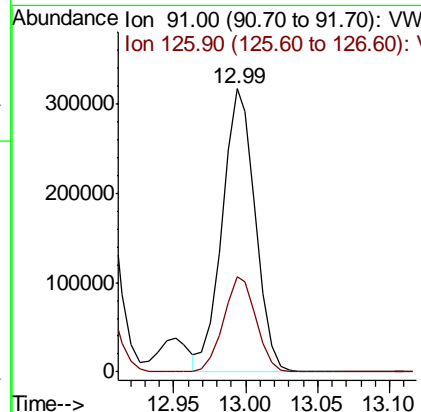
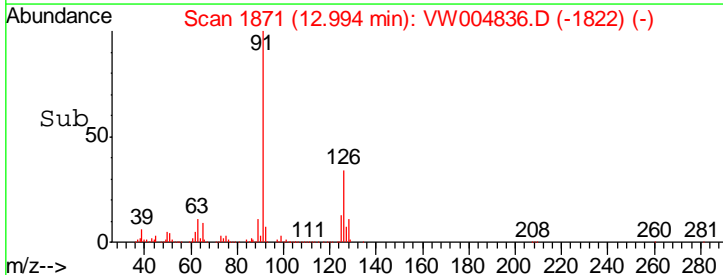
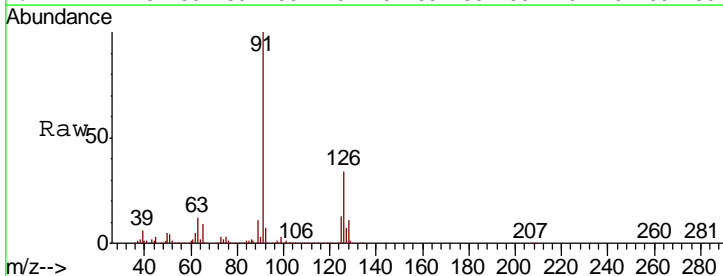
**Manual Integrations**  
**APPROVED**

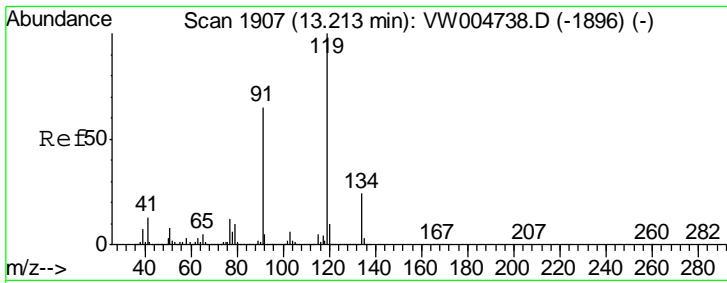
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#82  
 4-Chlorotoluene  
 Concen: 21.45 ug/l  
 RT: 12.99 min Scan# 1871  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
91	505435		
91	100		
126	33.5	16.9	50.7





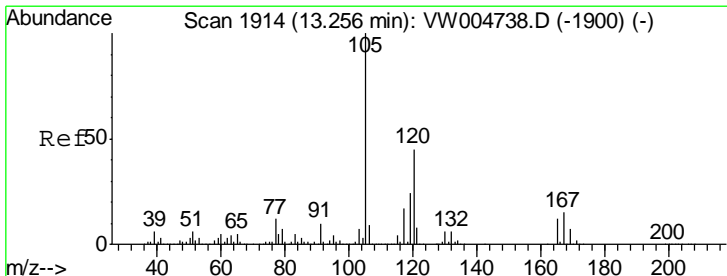
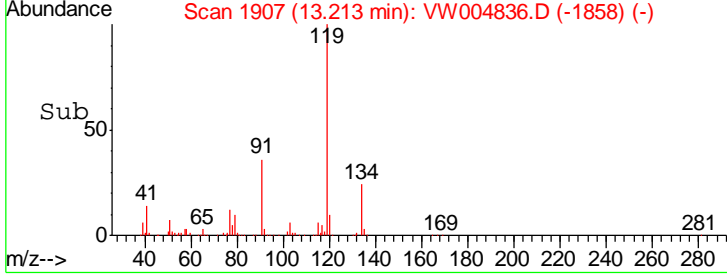
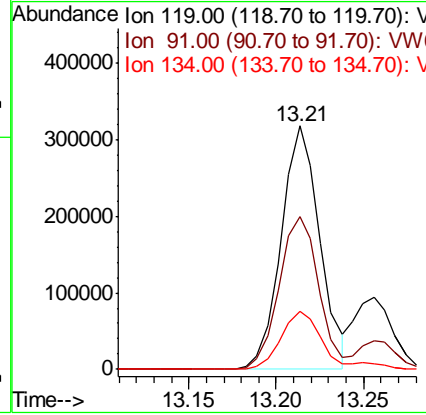
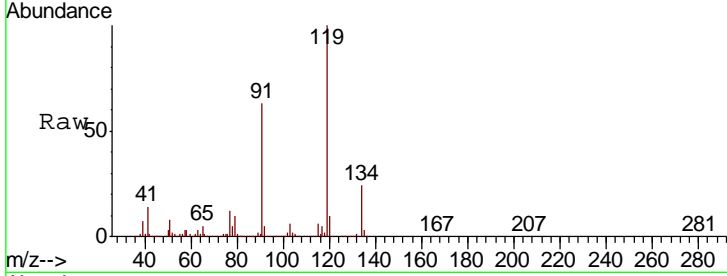
#83  
 tert-Butylbenzene  
 Concen: 21.41 ug/l  
 RT: 13.21 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 Client Sampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
119	490393		
91	64.1	32.6	97.8
134	26.6	13.1	39.3

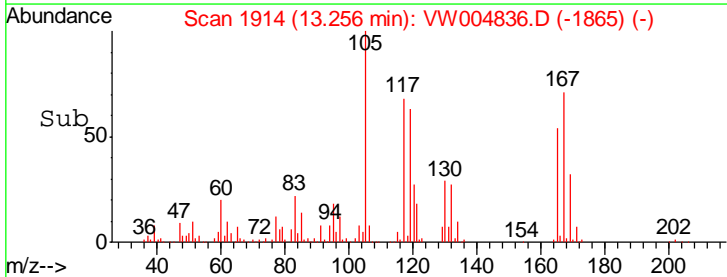
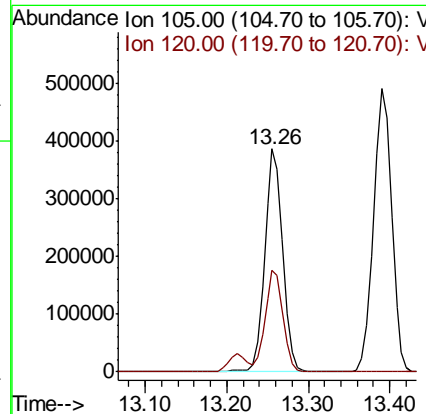
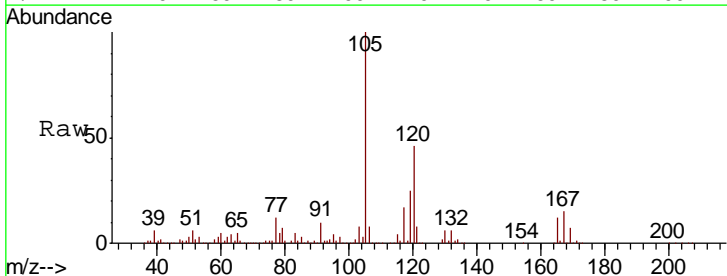
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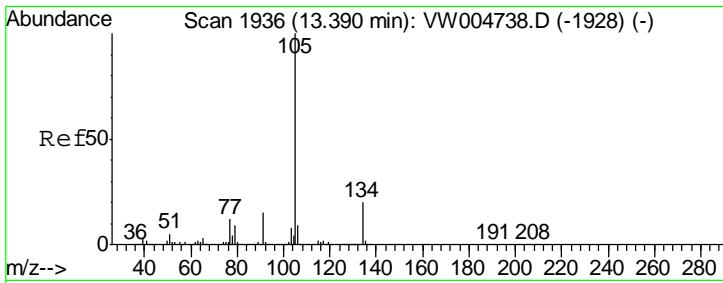
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.67 ug/l  
 RT: 13.26 min Scan# 1914  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
105	597070		
120	45.3	22.8	68.3





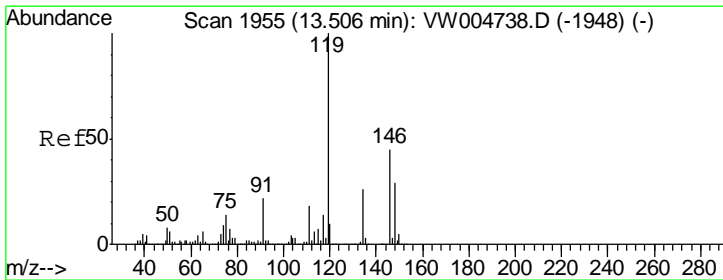
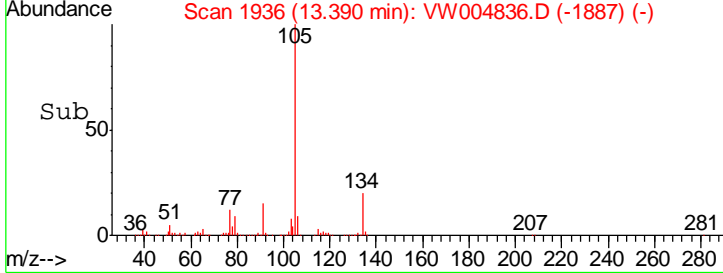
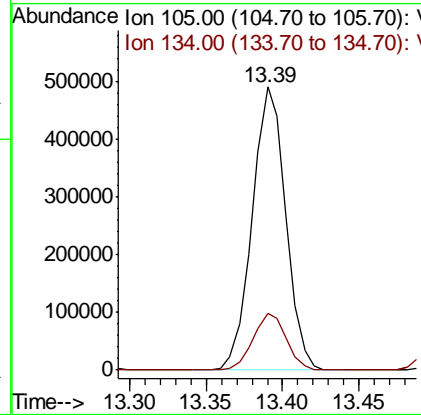
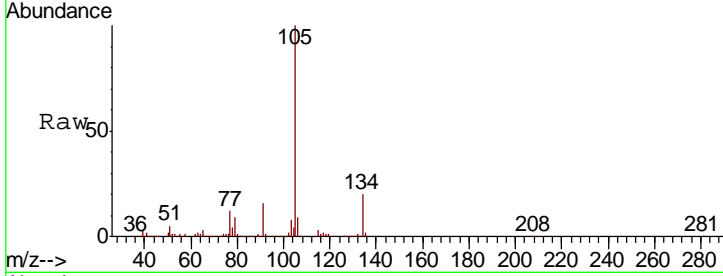
#85  
 sec-Butylbenzene  
 Concen: 21.76 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
105	744164		
134	20.0	10.0	29.8

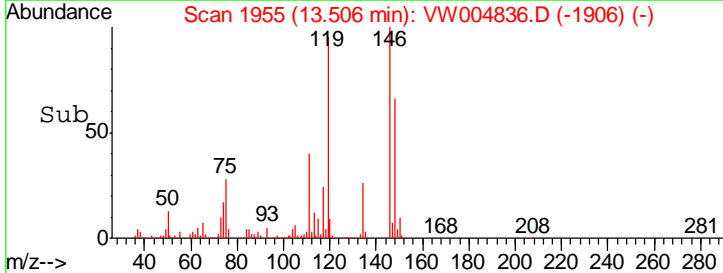
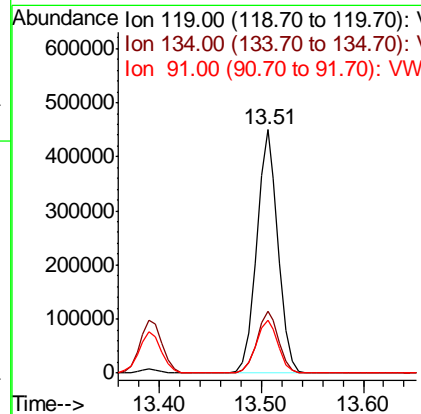
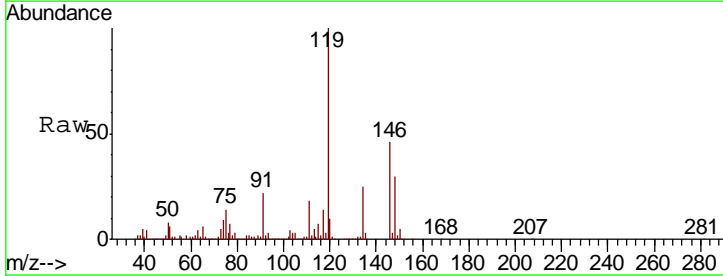
Manual Integrations  
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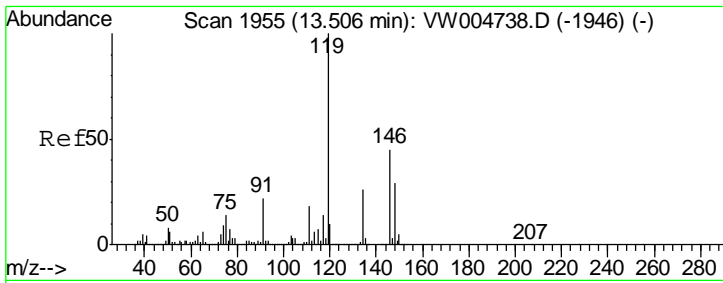
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#86  
 p-Isopropyltoluene  
 Concen: 21.91 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
119	651942		
134	26.0	13.1	39.3
91	22.6	11.2	33.5



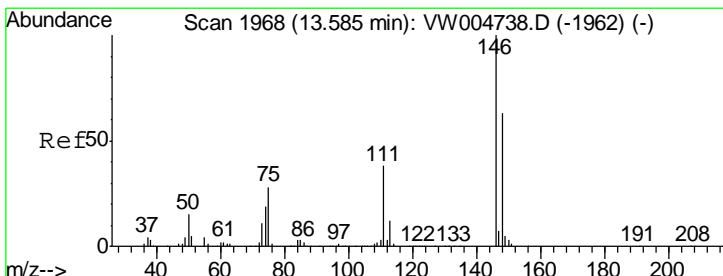
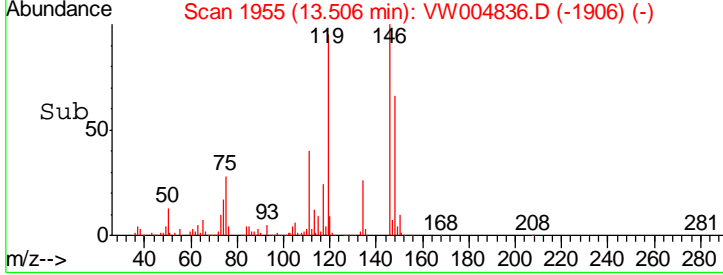
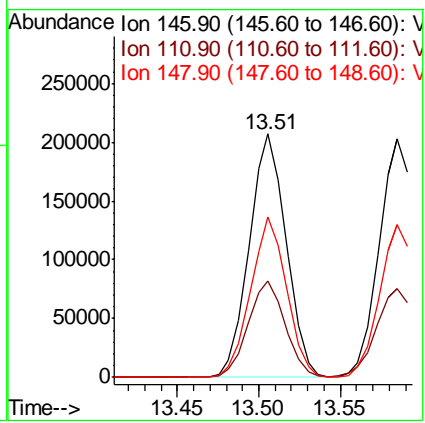
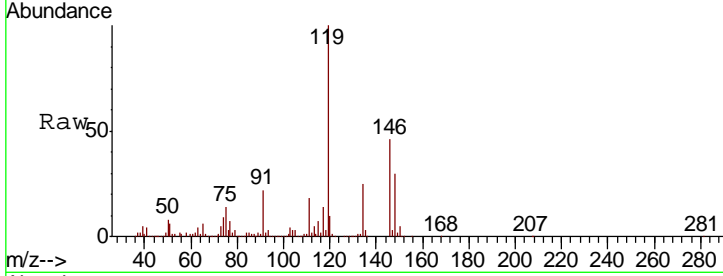


#87  
 1,3-Dichlorobenzene  
 Concen: 20.99 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

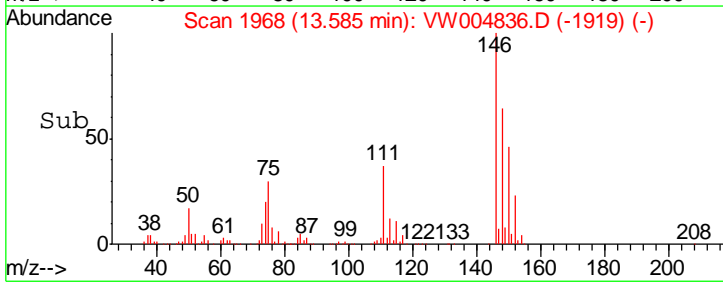
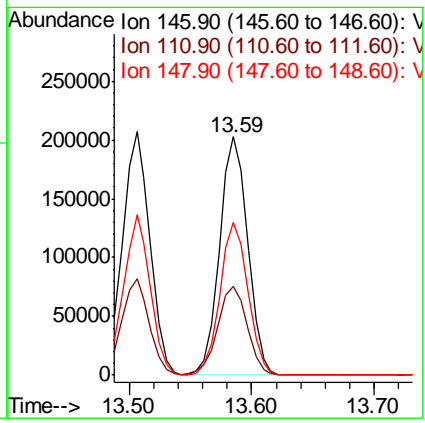
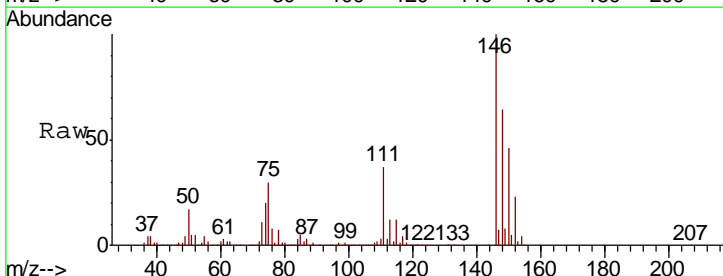
Tgt Ion	Resp	Lower	Upper
146	325714		
146	100		
111	39.6	19.8	59.4
148	64.4	31.9	95.9

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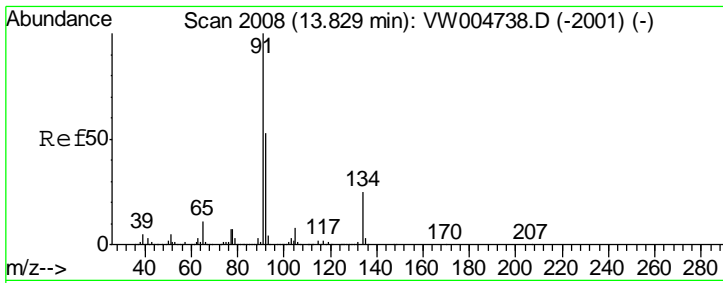


#88  
 1,4-Dichlorobenzene  
 Concen: 20.81 ug/l  
 RT: 13.59 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
146	322840		
146	100		
111	39.3	19.3	57.8
148	63.9	31.8	95.3







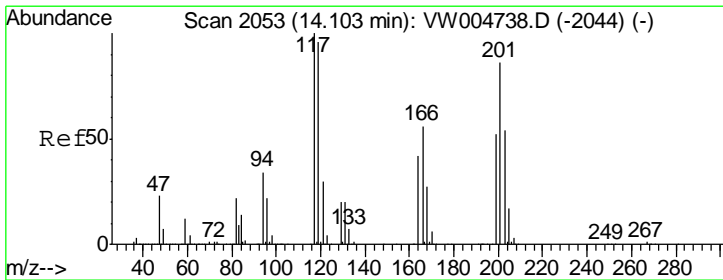
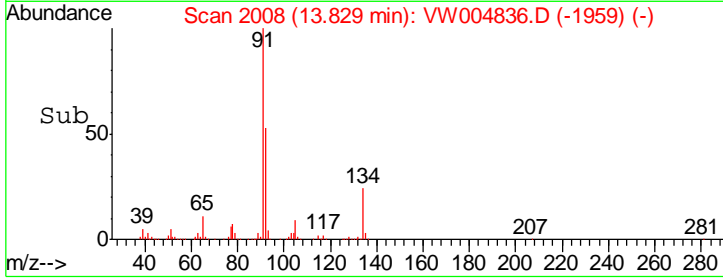
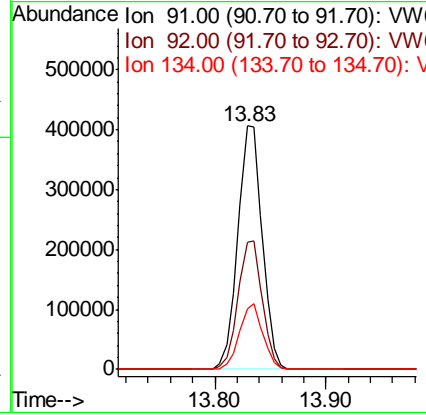
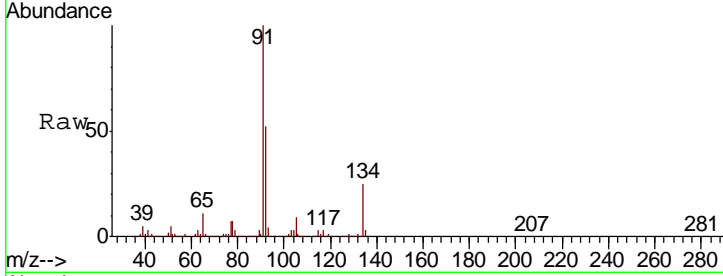
#89  
 n-Butylbenzene  
 Concen: 21.38 ug/l  
 RT: 13.83 min Scan# 2008  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	25.6	12.8	38.3

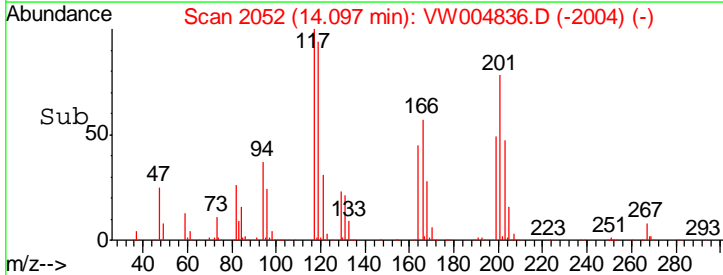
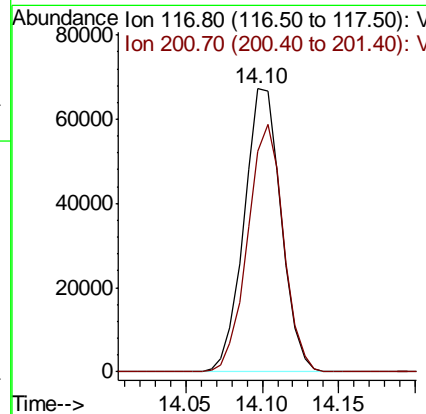
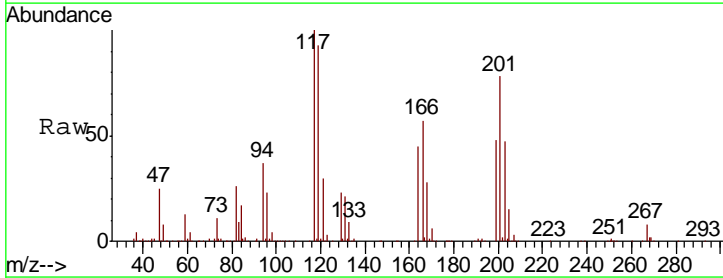
Manual Integrations  
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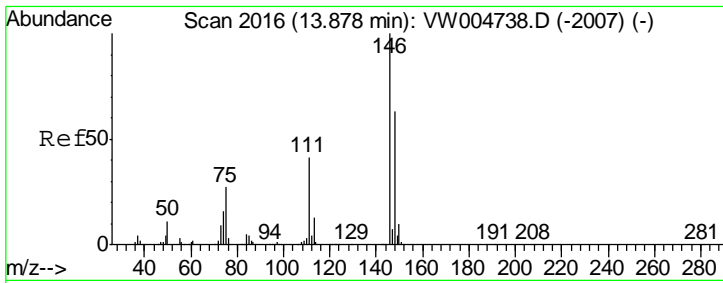
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#90  
 Hexachloroethane  
 Concen: 20.89 ug/l  
 RT: 14.10 min Scan# 2052  
 Delta R.T. -0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
117	100		
201	84.3	42.4	127.2





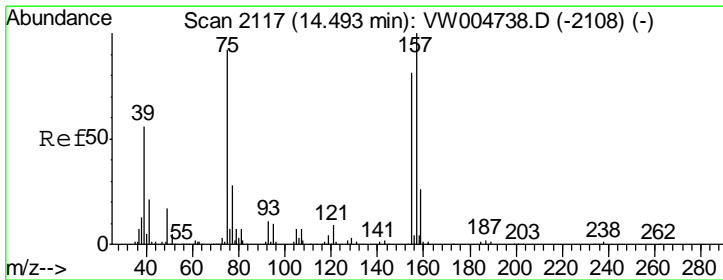
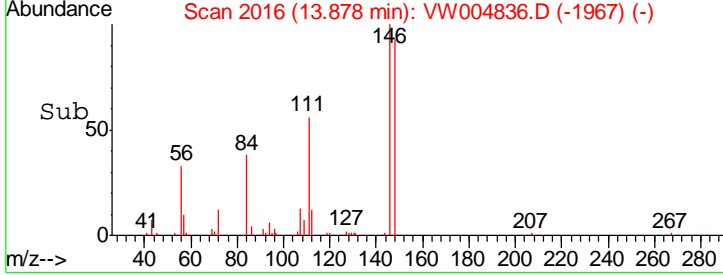
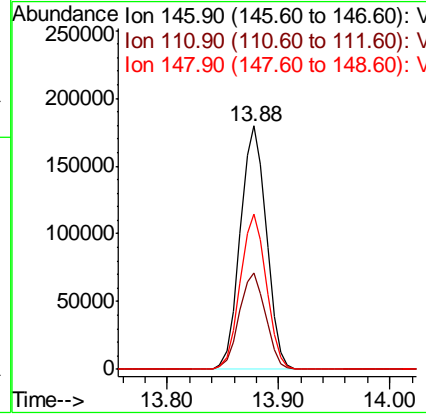
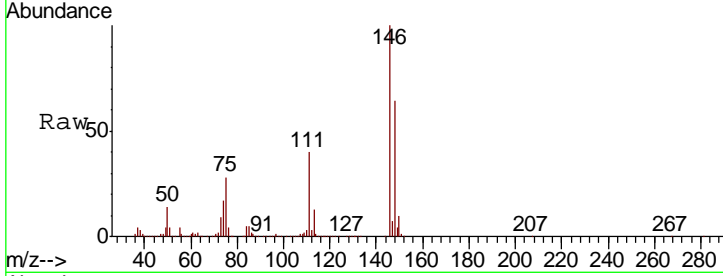
#91  
 1,2-Dichlorobenzene  
 Concen: 20.87 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	63.8	31.6	95.0

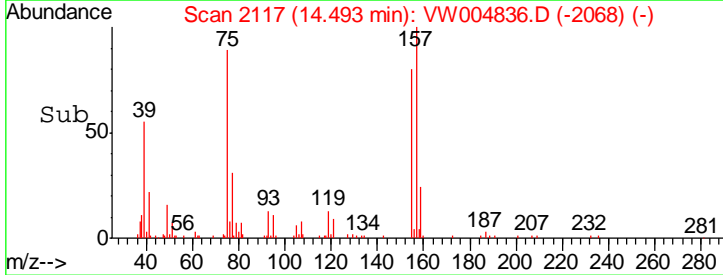
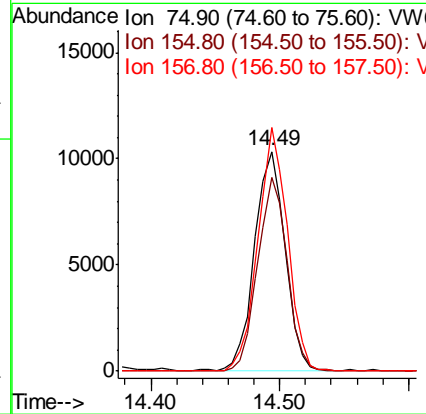
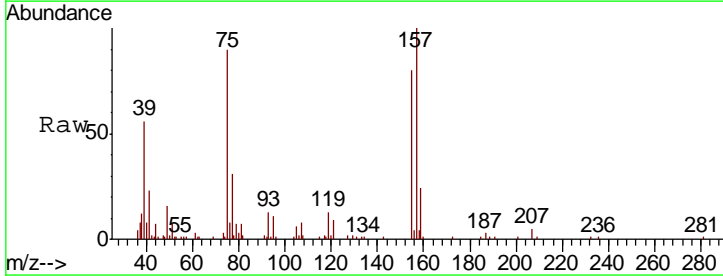
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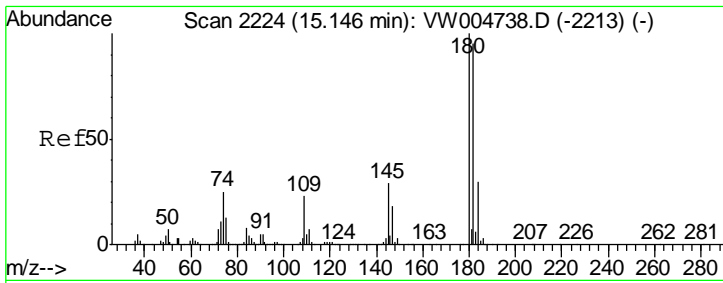
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.57 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
75	100		
155	84.3	43.3	129.9
157	106.6	54.5	163.6





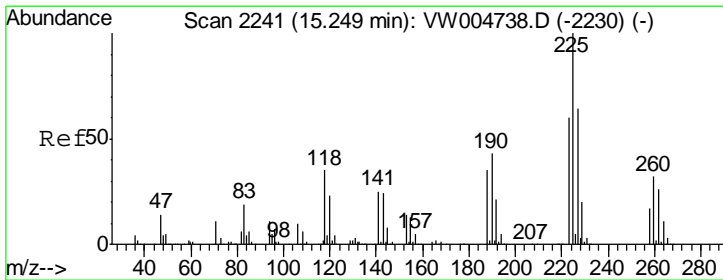
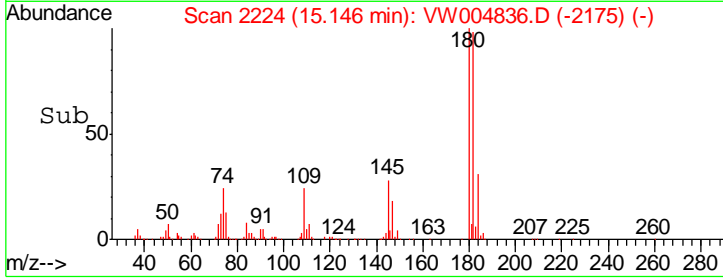
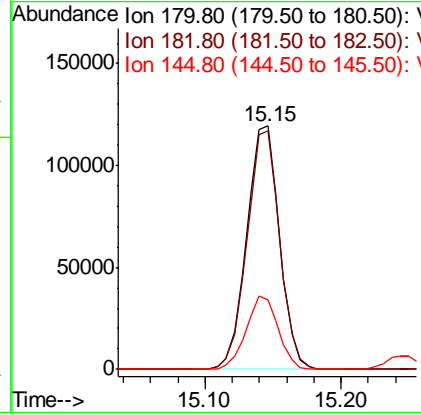
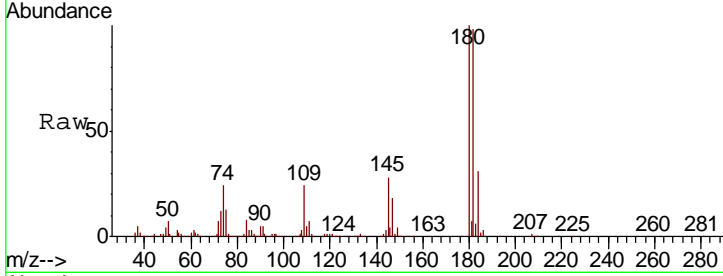
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.41 ug/l  
 RT: 15.15 min Scan# 2224  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 Client Sampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
180	100		
182	97.3	47.3	141.8
145	29.4	14.6	43.8

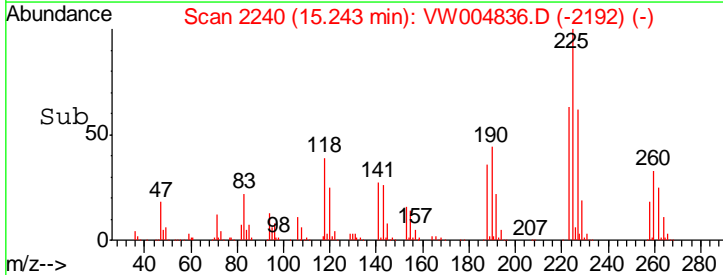
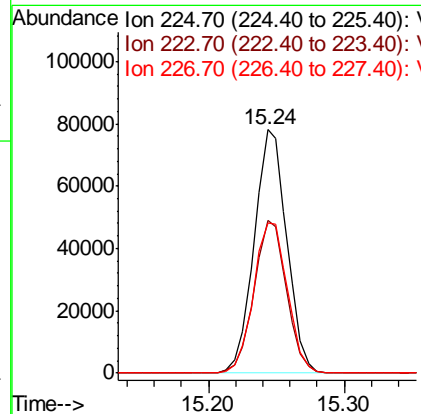
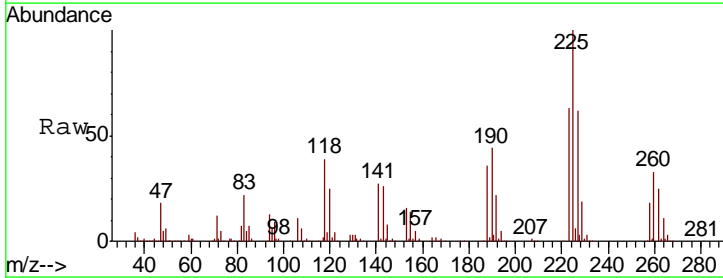
Manual Integrations  
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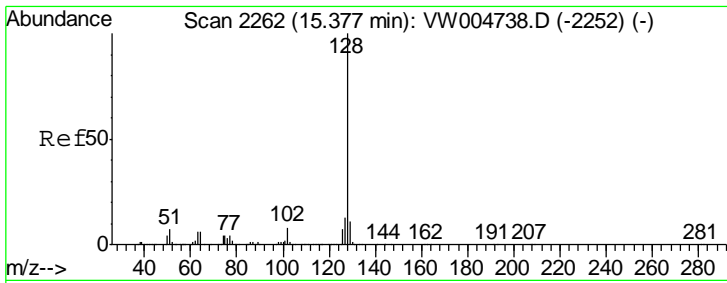
apatel  
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#94  
 Hexachlorobutadiene  
 Concen: 21.70 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. -0.01 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
225	100		
223	62.3	30.9	92.5
227	63.7	32.0	96.0



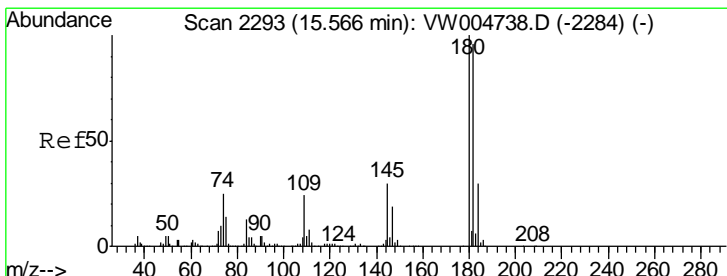
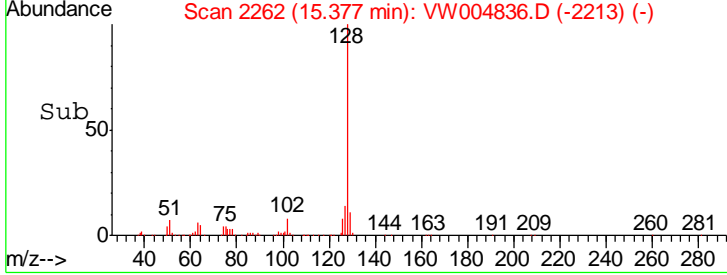
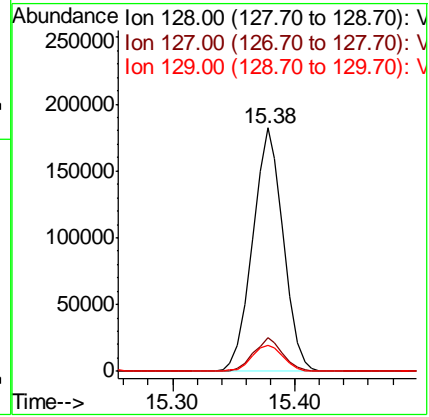
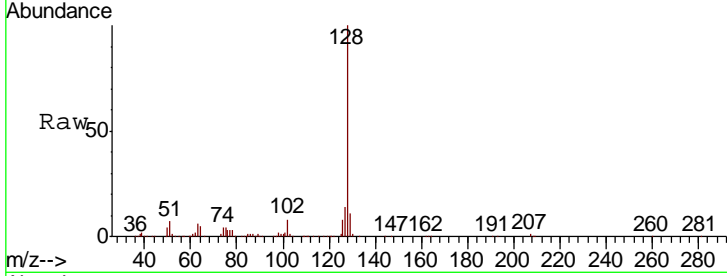


#95  
 Naphthalene  
 Concen: 18.89 ug/l  
 RT: 15.38 min Scan# 2262  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Instrument : MSVOA\_W  
 ClientSampled : VW0821SBSD01

Tgt Ion	Resp	Lower	Upper
128	316087		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations  
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#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.42 ug/l  
 RT: 15.57 min Scan# 2293  
 Delta R.T. 0.00 min  
 Lab File: VW004836.D  
 Acq: 21 Aug 2018 13:02

Tgt Ion	Resp	Lower	Upper
180	178552		
182	95.0	47.3	142.0
145	31.8	15.4	46.1

