

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082118\  
 Data File : VF060027.D  
 Acq On : 21 Aug 2018 18:51  
 Operator : VA/AP  
 Sample : VSTDIC075  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_F  
**Client Sampled :**  
 VSTDIC075

**Manual Integrations**  
**APPROVED**  
 apatel  
 8/22/2018 11:24:09 AM

Quant Time: Aug 22 04:25:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F082118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 03:57:17 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	205507	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	5.77	114	315898	50.00	µg/l	0.00
63) Chlorobenzene-d5	9.93	117	328562	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	201534	50.00	µg/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	193622	51.08	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 102.16%
35) Dibromofluoromethane	4.30	113	176911	56.97	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 113.94%
50) Toluene-d8	7.72	98	483548	68.03	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 136.06%
62) 4-Bromofluorobenzene	11.52	95	246448	57.96	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 115.92%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.95	85	168147	50.03	µg/l	99
3) Chloromethane	1.07	50	117188	62.66	µg/l	100
4) Vinyl Chloride	1.12	62	110562	54.20	µg/l	94
5) Bromomethane	1.32	94	80754	41.37	µg/l	95
6) Chloroethane	1.39	64	44267	43.43	µg/l	99
7) Trichlorofluoromethane	1.49	101	232335	41.45	µg/l	99
8) Diethyl Ether	1.70	74	41740	49.31	µg/l	88
9) 1,1,2-Trichlorotrifluoroet	1.86	101	120569	45.39	µg/l	99
10) Methyl Iodide	1.93	142	164197	48.84	µg/l	97
11) Tert butyl alcohol	2.69	59	49355	224.09	µg/l #	79
12) 1,1-Dichloroethene	1.83	96	87238	47.04	µg/l	95
13) Acrolein	2.10	56	32120	269.69	µg/l	99
14) Allyl chloride	2.20	41	155772	49.64	µg/l	94
15) Acrylonitrile	3.08	53	96269	270.87	µg/l	94
16) Acetone	2.34	43	228639	193.99	µg/l	98
17) Carbon Disulfide	1.84	76	253293	43.17	µg/l	100
18) Methyl Acetate	2.45	43	86001	38.22	µg/l	97
19) Methyl tert-butyl Ether	2.54	73	283673	47.00	µg/l	99
20) Methylene Chloride	2.28	84	96531	36.82	µg/l	93
21) trans-1,2-Dichloroethene	2.41	96	87343	43.94	µg/l	89
22) Diisopropyl ether	2.93	45	346792	51.51	µg/l	98
23) Vinyl Acetate	3.34	43	1020544	362.62	µg/l	100
24) 1,1-Dichloroethane	3.00	63	215810	49.64	µg/l	99
25) 2-Butanone	4.51	43	311033	319.60	µg/l	99
26) 2,2-Dichloropropane	3.76	77	239107	60.92	µg/l	96
27) cis-1,2-Dichloroethene	3.64	96	135809	70.28	µg/l	96
28) Bromochloromethane	3.90	49	82283	61.35	µg/l	93
29) Tetrahydrofuran	4.27	42	120448	345.00	µg/l	98
30) Chloroform	4.05	83	301093	57.72	µg/l	94
31) Cyclohexane	3.86	56	147551	67.92	µg/l	97
32) 1,1,1-Trichloroethane	4.29	97	263142	52.83	µg/l	97
36) 1,1-Dichloropropene	4.46	75	192295	54.29	µg/l	97
37) Ethyl Acetate	4.30	43	119505	61.69	µg/l #	89
38) Carbon Tetrachloride	4.18	117	235420	48.17	µg/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	179692	66.43	µg/l	88
40) Benzene	4.82	78	413982	68.02	µg/l	98
41) Methacrylonitrile	4.93	41	56355	60.09	µg/l #	90
42) 1,2-Dichloroethane	5.12	62	231181	47.34	µg/l	99
43) Isopropyl Acetate	7.11	43	151739	69.08	µg/l	99
44) Trichloroethene	5.68	130	135661	58.30	µg/l	99
45) 1,2-Dichloropropane	6.40	63	124194	70.70	µg/l	94
46) Dibromomethane	6.27	93	100675	59.86	µg/l	93
47) Bromodichloromethane	6.55	83	246702	55.68	µg/l	95
48) Methyl methacrylate	6.88	41	102648	64.14	µg/l	96
49) 1,4-Dioxane	6.88	88	20144	1603.38	µg/l #	90
51) 4-Methyl-2-Pentanone	8.42	43	634628	312.78	µg/l	99
52) Toluene	7.78	92	307936	67.67	µg/l	95
53) t-1,3-Dichloropropene	8.44	75	213624	56.67	µg/l	95
54) cis-1,3-Dichloropropene	7.47	75	249065	66.86	µg/l	100
55) 1,1,2-Trichloroethane	8.65	97	124149	68.25	µg/l	98
56) Ethyl methacrylate	8.77	69	153265	72.37	µg/l	98
57) 1,3-Dichloropropane	9.01	76	216480	66.61	µg/l	100
58) 2-Chloroethyl Vinyl ether	7.78	63	53626	319.00	µg/l	100
59) 2-Hexanone	9.64	43	511700	305.02	µg/l	97
60) Dibromochloromethane	8.87	129	183486	57.31	µg/l	93
61) 1,2-Dibromoethane	9.14	107	141034	63.08	µg/l	96
64) Tetrachloroethene	8.32	164	139932	56.21	µg/l	99
65) Chlorobenzene	9.95	112	404879	62.58	µg/l	99
66) 1,1,1,2-Tetrachloroethane	10.08	131	158317	54.70	µg/l	99
67) Ethyl Benzene	10.05	91	703030	60.35	µg/l	99
68) m/p-Xylenes	10.28	106	488546	119.01	µg/l	99
69) o-Xylene	10.84	106	328267	78.14	µg/l	94
70) Styrene	10.91	104	438915	65.50	µg/l	97
71) Bromoform	10.90	173	119242	55.82	µg/l	98
73) Isopropylbenzene	11.23	105	787348	64.92	µg/l	98
74) N-amyl acetate	11.47	43	265771	75.95	µg/l	94
75) 1,1,2,2-Tetrachloroethane	11.80	83	175967	72.17	µg/l	97
76) 1,2,3-Trichloropropane	11.89	75	135018	64.32	µg/l	98
77) Bromobenzene	11.60	156	211300	62.67	µg/l	90
78) n-propylbenzene	11.70	91	945314	62.63	µg/l	98
79) 2-Chlorotoluene	11.83	91	552100	60.99	µg/l	94
80) 1,3,5-Trimethylbenzene	11.92	105	667069	61.28	µg/l	95
81) trans-1,4-Dichloro-2-buten	11.96	75	64339m	72.64	µg/l	
82) 4-Chlorotoluene	11.99	91	624113	63.00	µg/l	97
83) tert-Butylbenzene	12.22	119	676078	63.52	µg/l	95
84) 1,2,4-Trimethylbenzene	12.30	105	700814	61.24	µg/l	99
85) sec-Butylbenzene	12.40	105	899830	63.34	µg/l	98
86) p-Isopropyltoluene	12.55	119	737037	58.67	µg/l	97
87) 1,3-Dichlorobenzene	12.57	146	386705	60.08	µg/l	98
88) 1,4-Dichlorobenzene	12.65	146	400645	64.07	µg/l	97
89) n-Butylbenzene	12.93	91	780603	64.31	µg/l	98
90) Hexachloroethane	13.00	117	178103	63.66	µg/l	81
91) 1,2-Dichlorobenzene	13.03	146	375183	61.19	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	13.72	75	38795	60.86	µg/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	301599	60.80	ug/l	97
94) Hexachlorobutadiene	14.26	225	182655	56.03	ug/l	98
95) Naphthalene	14.53	128	511448	71.77	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	294526	61.90	ug/l	97

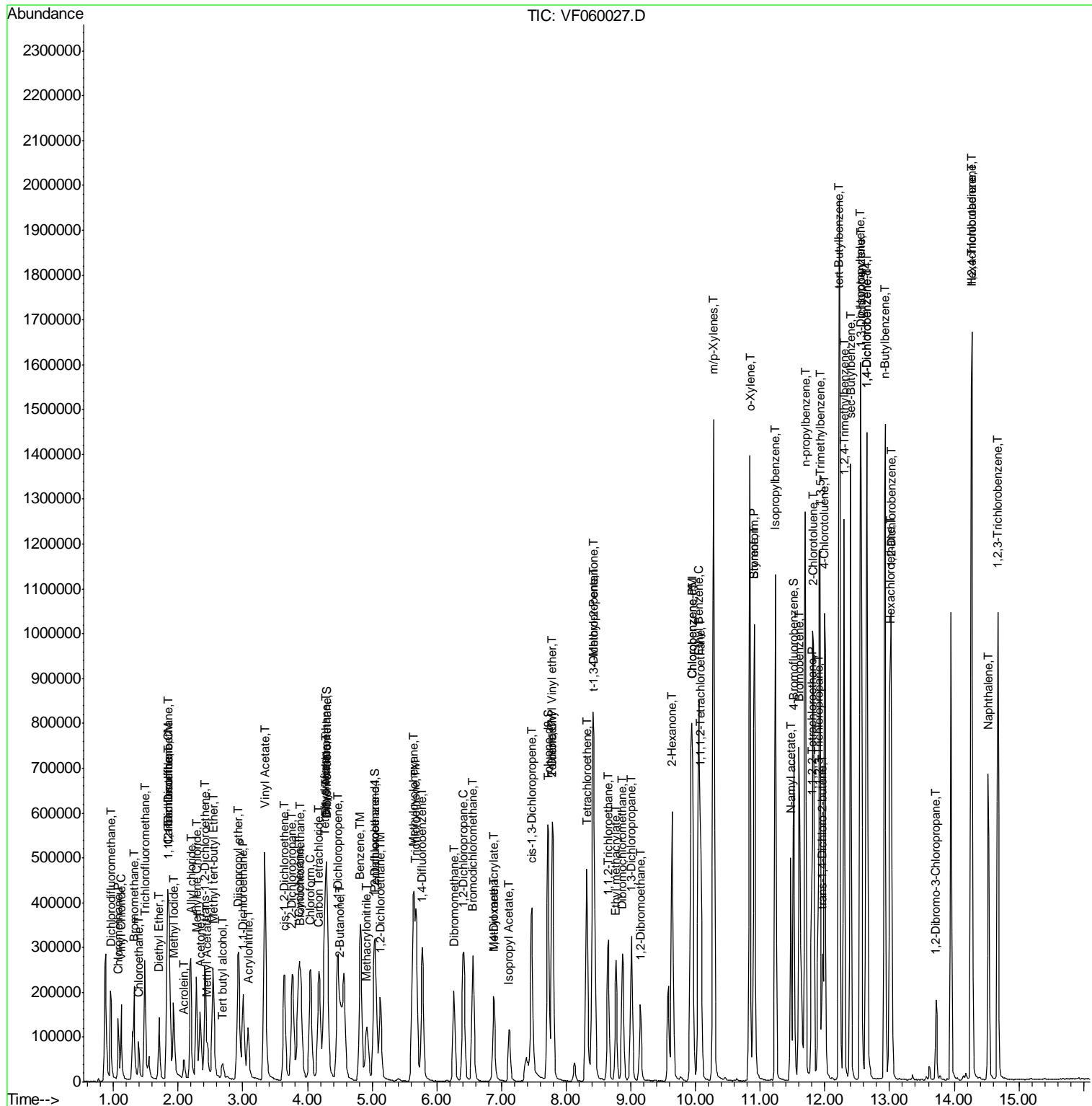
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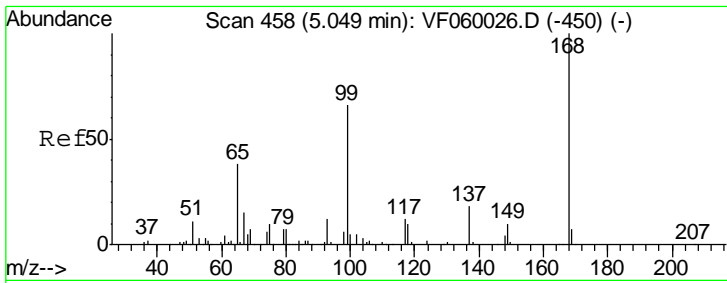
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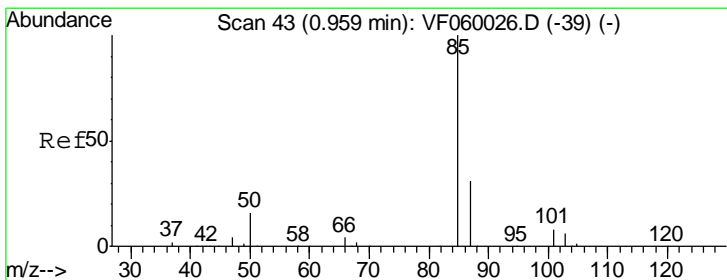
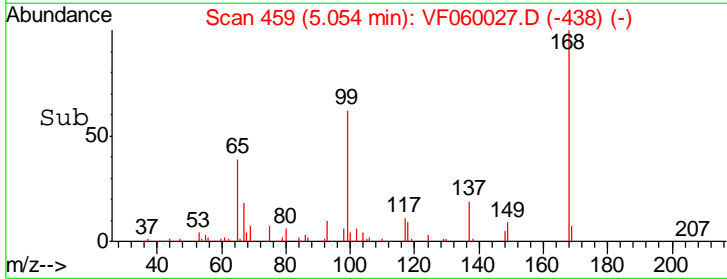
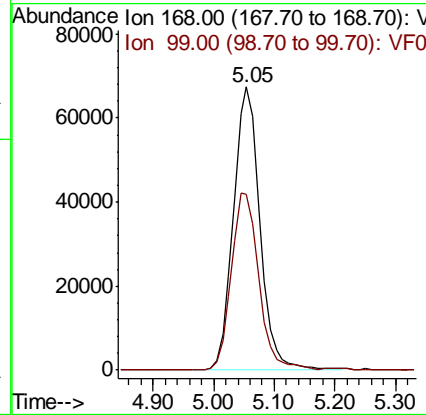
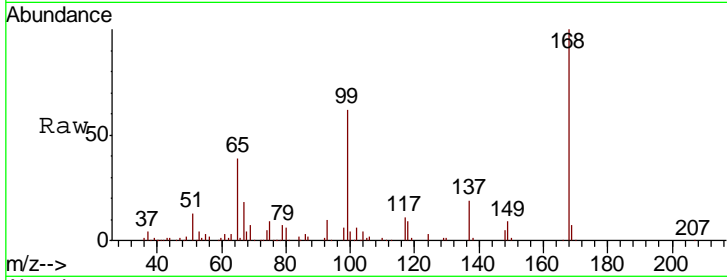


#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.05 min Scan# 459  
 Delta R.T. 0.00 min  
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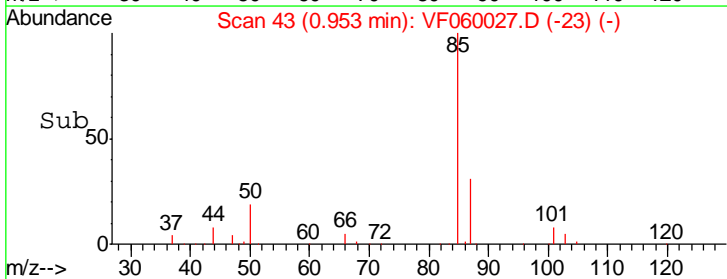
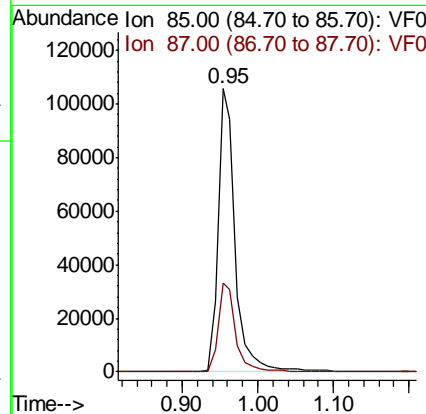
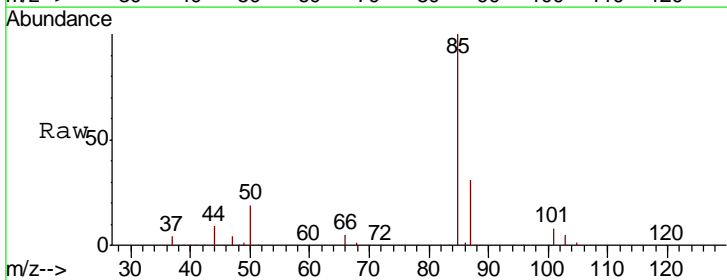
Tgt Ion	Resp	Lower	Upper
168	100		
99	61.9	52.6	79.0

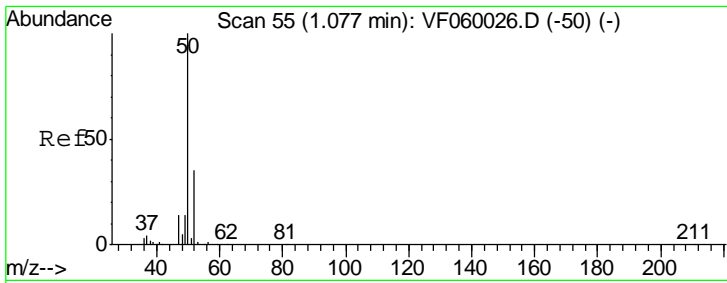
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#2  
 Dichlorodifluoromethane  
 Concen: 50.03 ug/l  
 RT: 0.95 min Scan# 43  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
85	100		
87	31.4	15.3	45.9





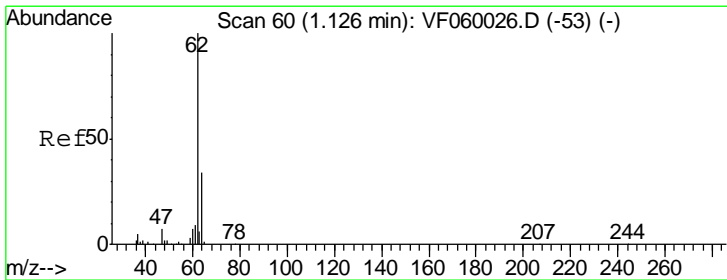
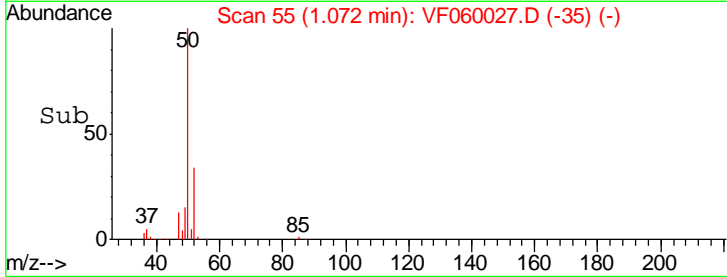
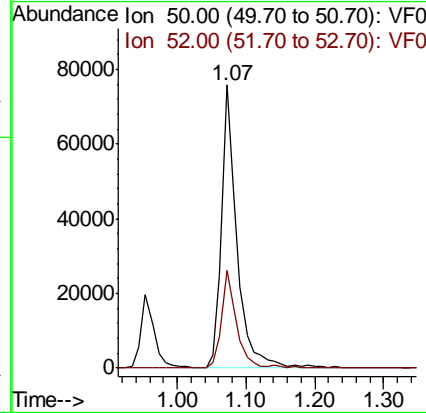
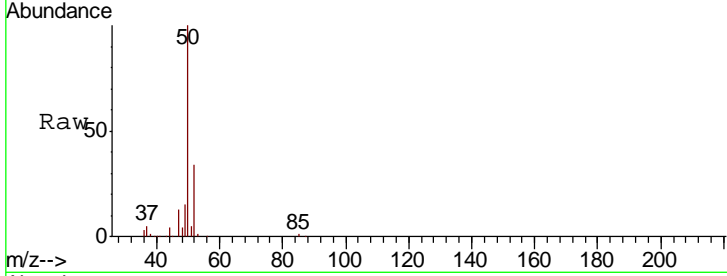
#3  
 Chloromethane  
 Concen: 62.66 ug/l  
 RT: 1.07 min Scan# 55  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
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Tgt Ion	Resp	Lower	Upper
50	117188		
52	34.4	27.6	41.4

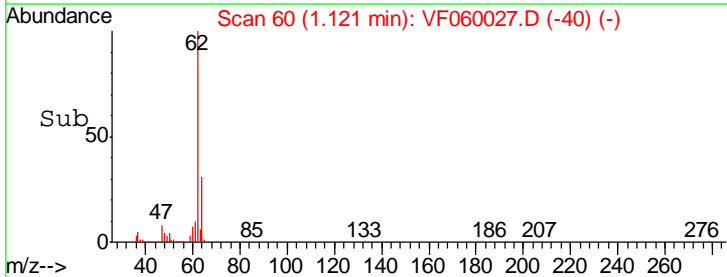
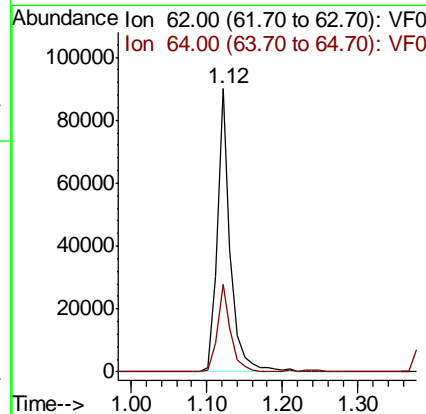
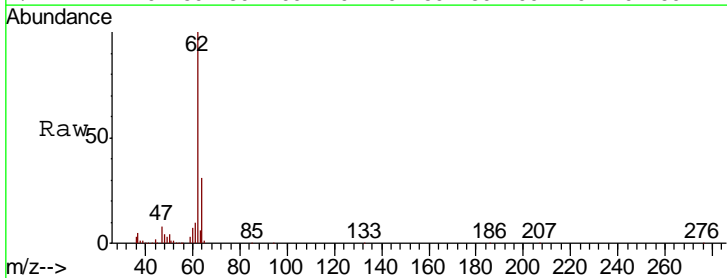
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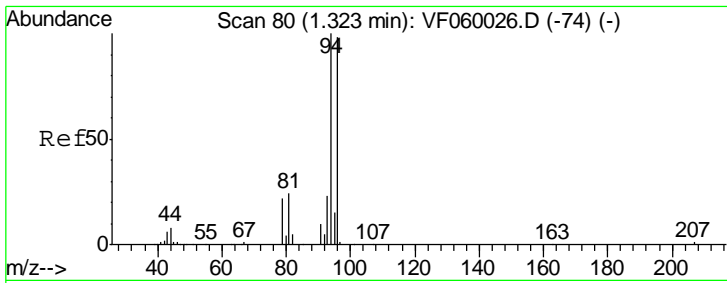
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#4  
 Vinyl Chloride  
 Concen: 54.20 ug/l  
 RT: 1.12 min Scan# 60  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
62	110562		
64	31.0	27.4	41.2





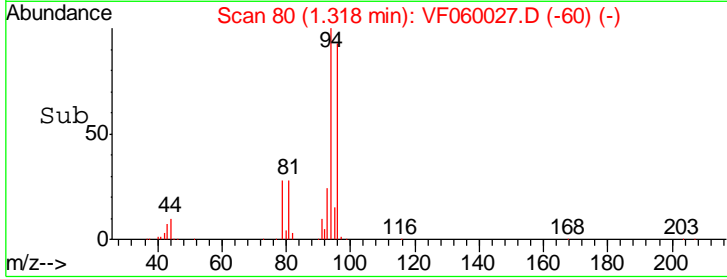
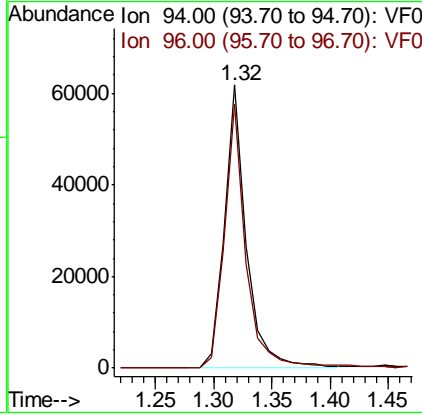
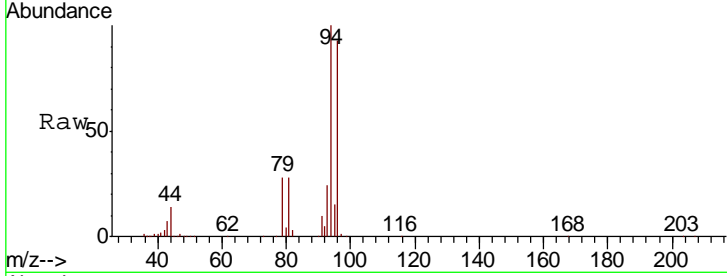
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 Bromomethane  
 Concen: 41.37 ug/l  
 RT: 1.32 min Scan# 80  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
94	100		
96	93.1	78.6	118.0

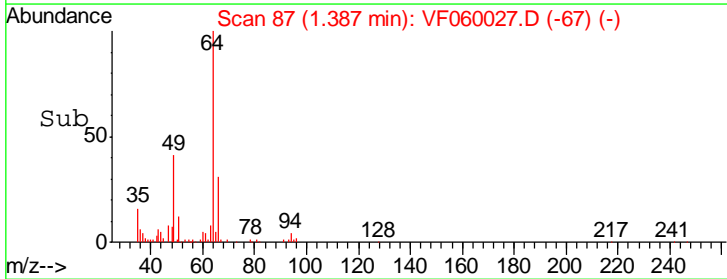
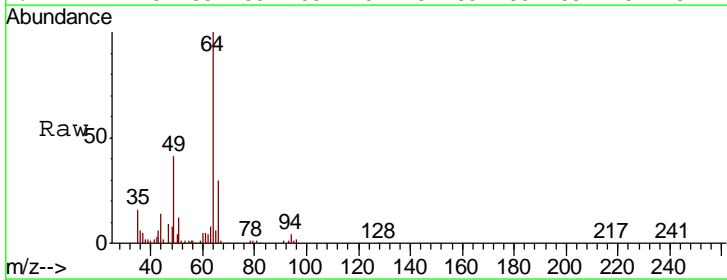
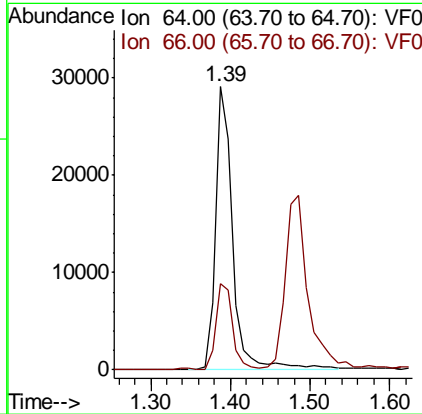
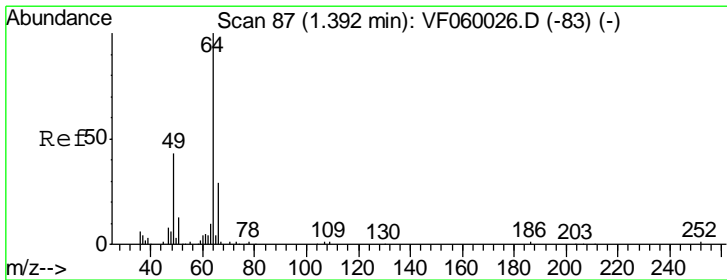
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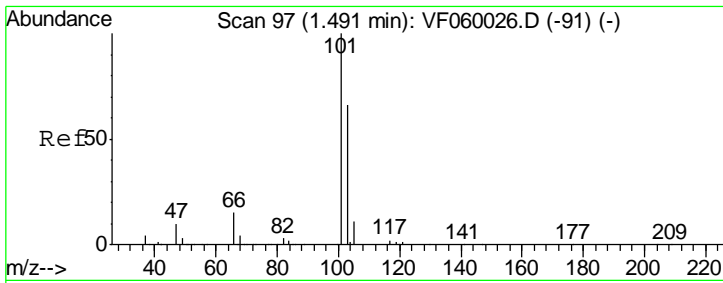
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#6  
 Chloroethane  
 Concen: 43.43 ug/l  
 RT: 1.39 min Scan# 87  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
64	100		
66	30.4	24.1	36.1





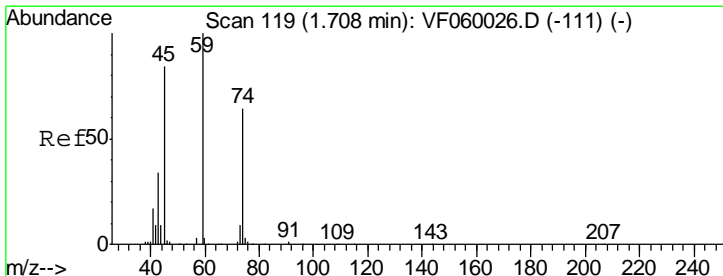
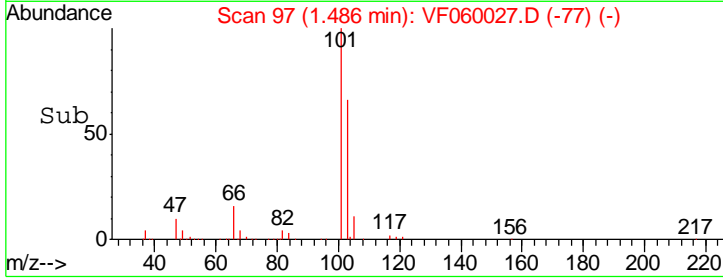
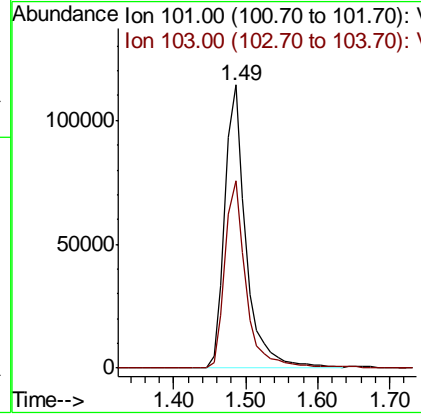
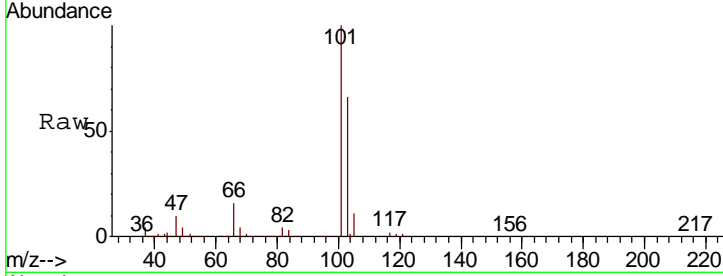
#7  
 Trichlorofluoromethane  
 Concen: 41.45 ug/l  
 RT: 1.49 min Scan# 97  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
101	100		
103	66.0	52.5	78.7

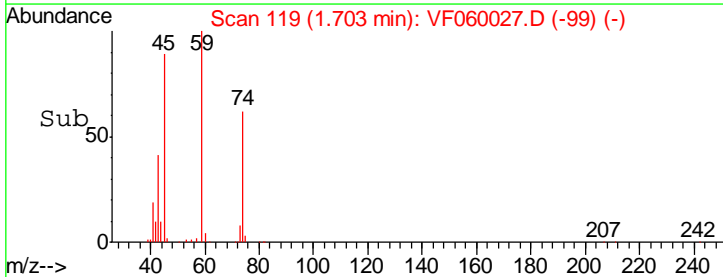
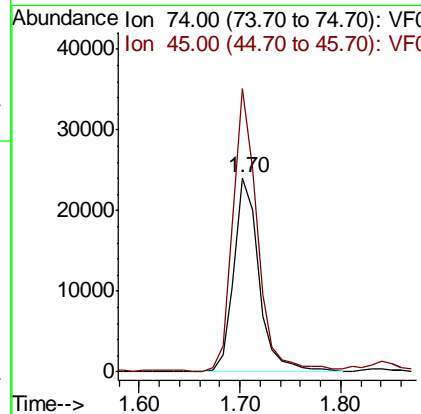
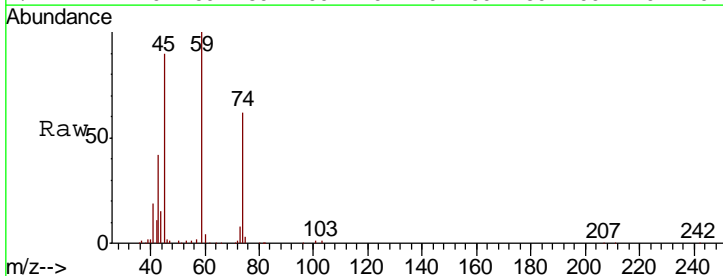
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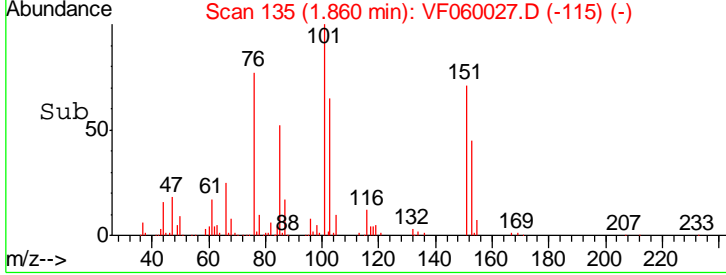
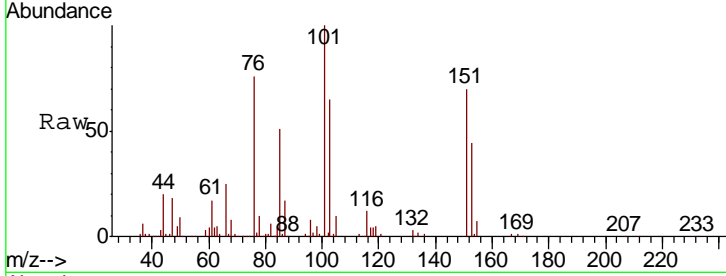
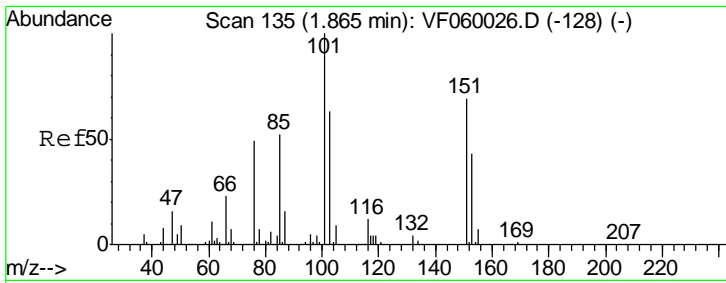


#8  
 Diethyl Ether  
 Concen: 49.31 ug/l  
 RT: 1.70 min Scan# 119  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
74	100		
45	145.6	66.0	198.0





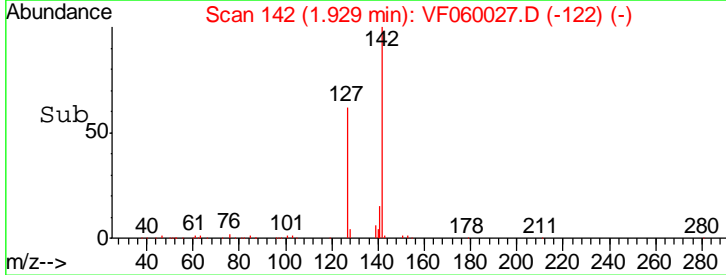
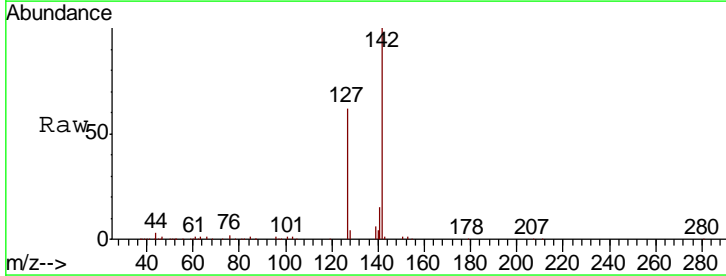
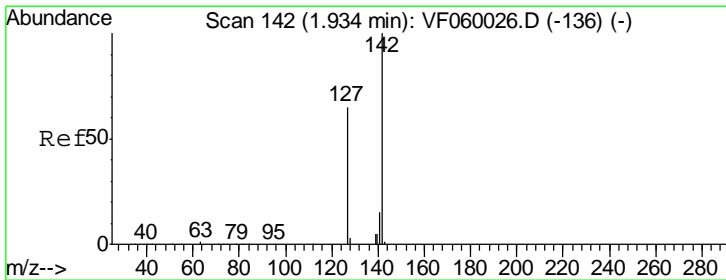
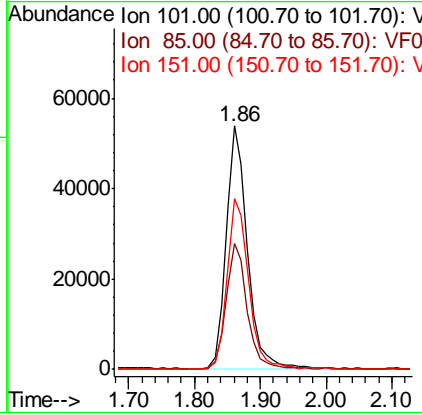


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 45.39 ug/l  
 RT: 1.86 min Scan# 135  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
101	120569		
85	51.5	41.5	62.3
151	70.1	55.2	82.8

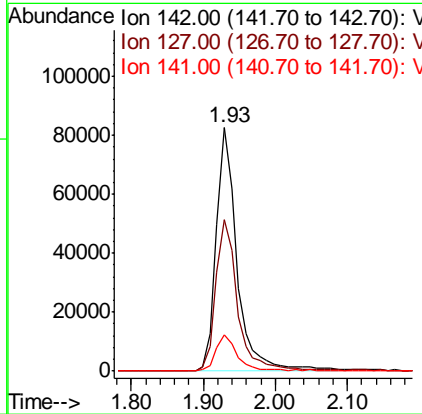
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

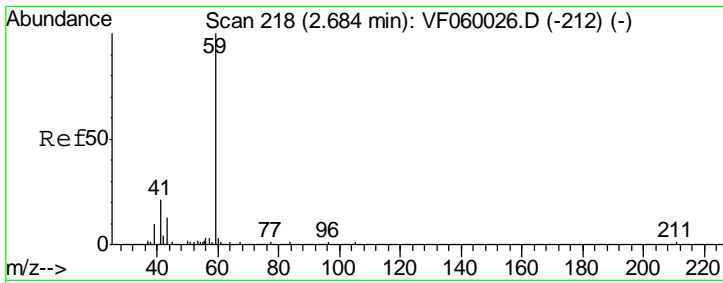
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#10  
 Methyl Iodide  
 Concen: 48.84 ug/l  
 RT: 1.93 min Scan# 142  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
142	164197		
127	62.3	51.8	77.6
141	15.1	11.9	17.9





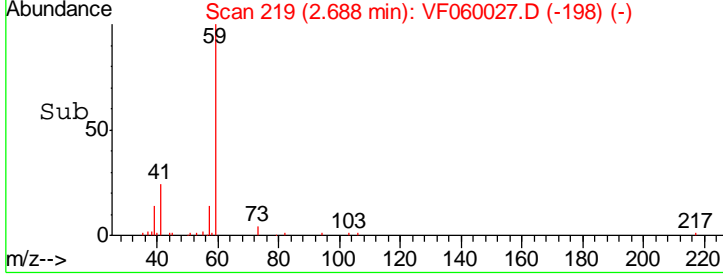
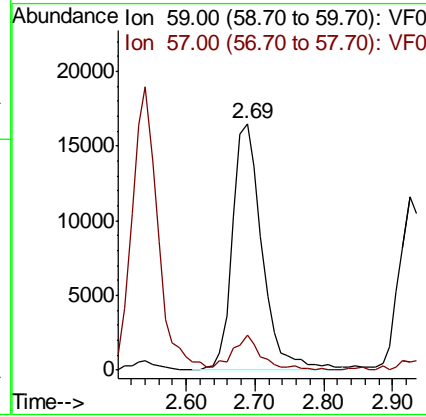
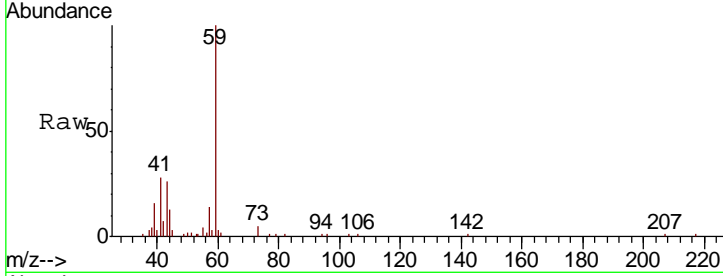
#11  
 Tert butyl alcohol  
 Concen: 224.09 ug/l  
 RT: 2.69 min Scan# 219  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
59	49355		
57	14.0	5.4	8.2#

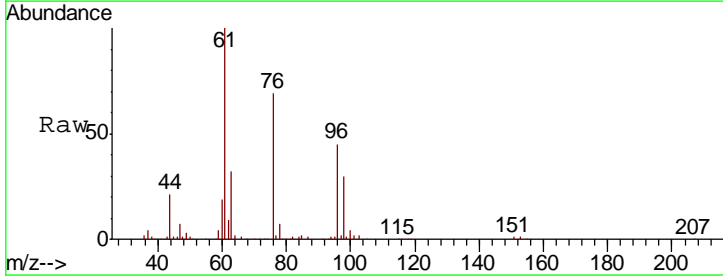
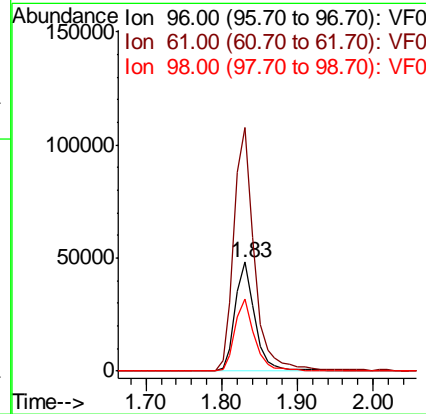
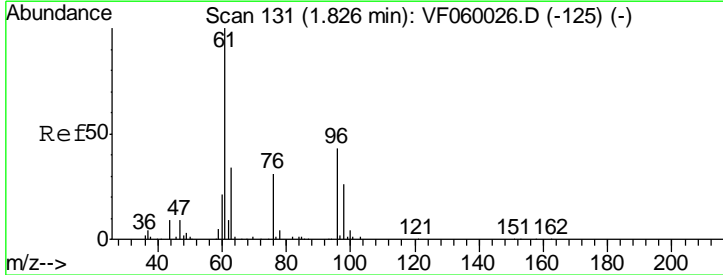
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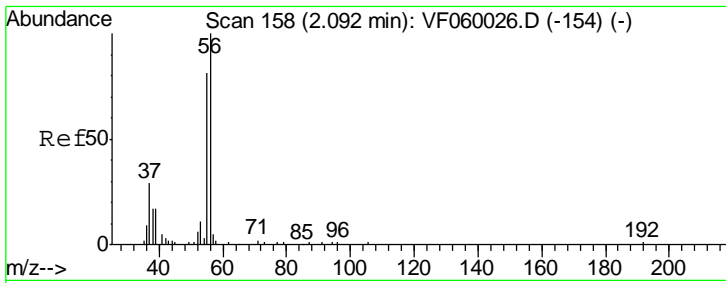
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#12  
 1,1-Dichloroethene  
 Concen: 47.04 ug/l  
 RT: 1.83 min Scan# 132  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

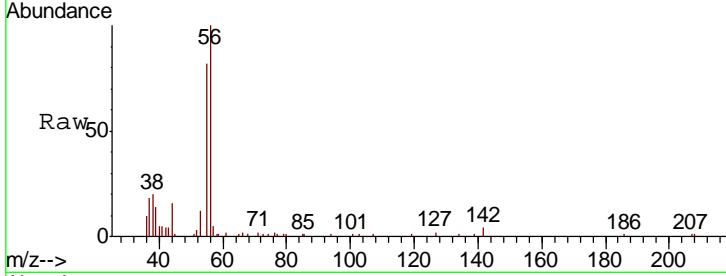
Tgt Ion	Resp	Lower	Upper
96	87238		
96	100		
61	223.6	185.0	277.6
98	66.1	47.8	71.8





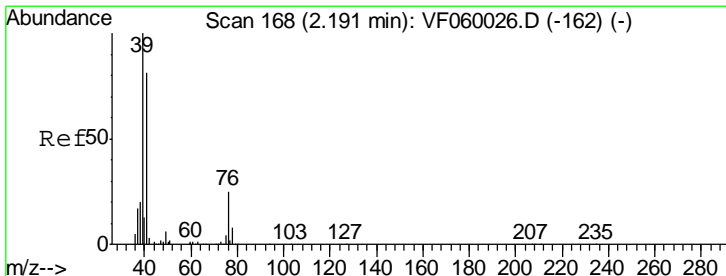
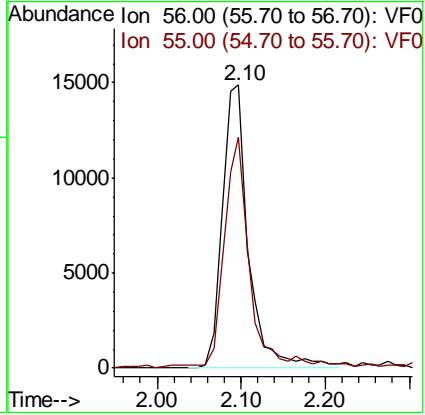
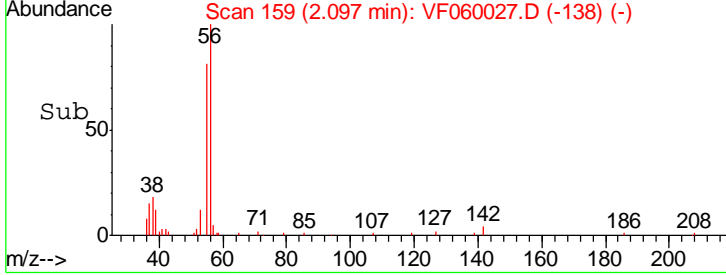
#13  
 Acrolein  
 Concen: 269.69 ug/l  
 RT: 2.10 min Scan# 159  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

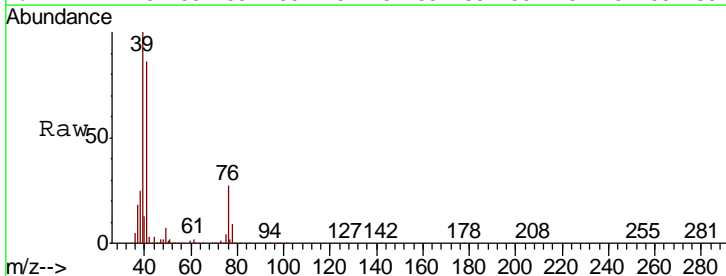


Tgt Ion: 56 Resp: 32120  
 Ion Ratio Lower Upper  
 56 100  
 55 81.5 65.6 98.4

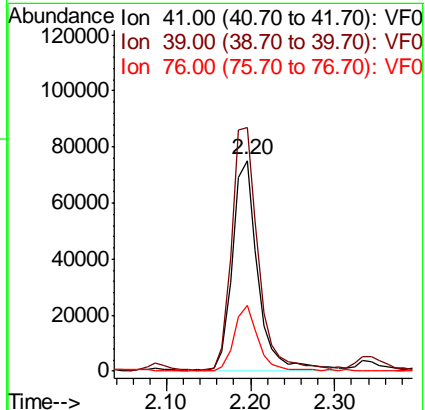
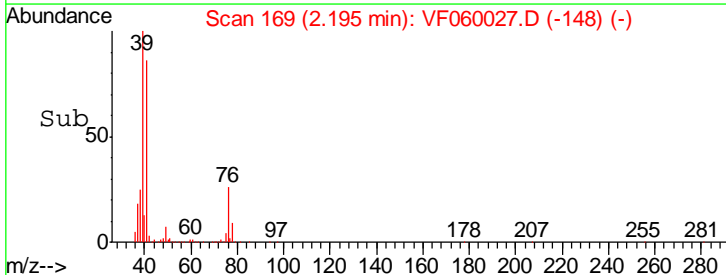
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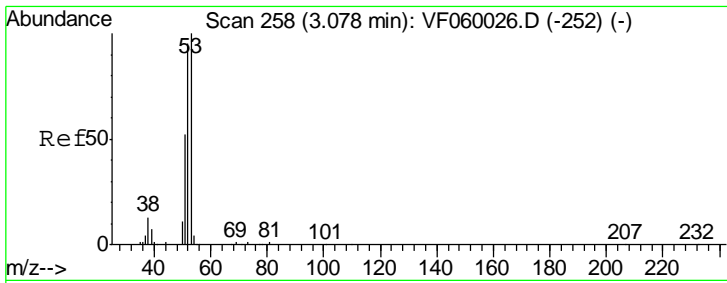


#14  
 Allyl chloride  
 Concen: 49.64 ug/l  
 RT: 2.20 min Scan# 169  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51



Tgt Ion: 41 Resp: 155772  
 Ion Ratio Lower Upper  
 41 100  
 39 115.7 99.3 148.9  
 76 31.0 24.3 36.5





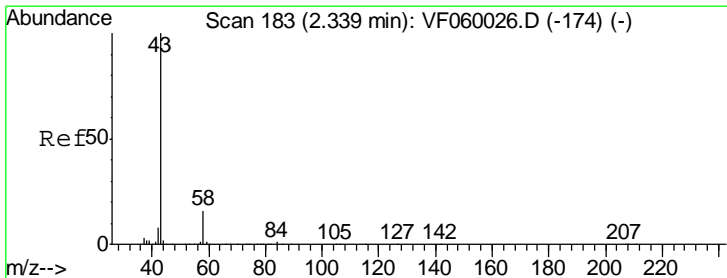
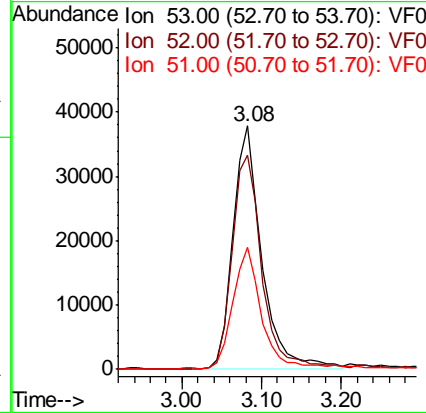
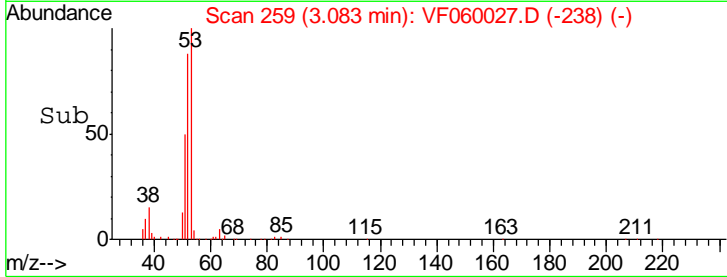
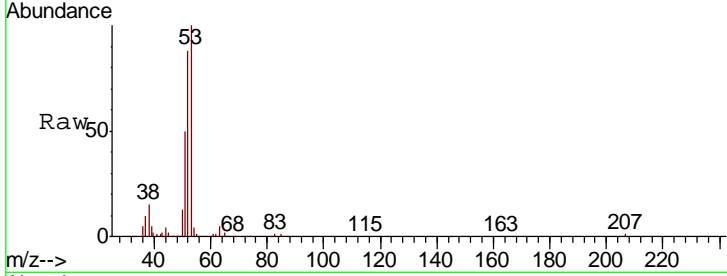
#15  
 Acrylonitrile  
 Concen: 270.87 ug/l  
 RT: 3.08 min Scan# 259  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
53	96269		
52	88.0	75.8	113.8
51	50.2	42.1	63.1

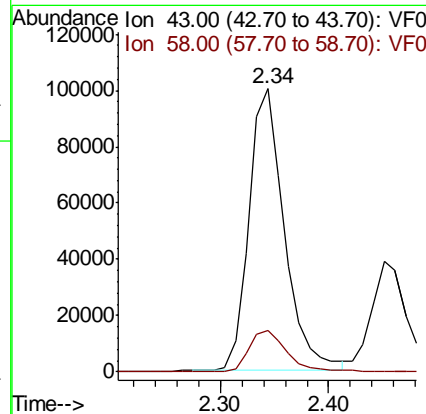
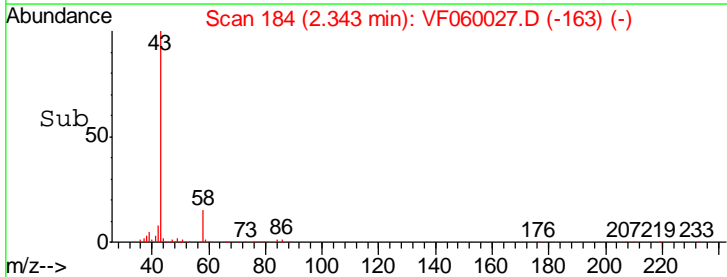
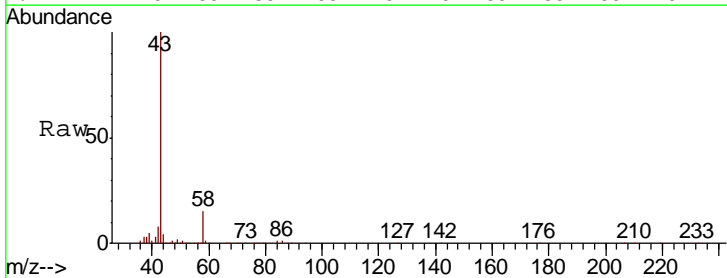
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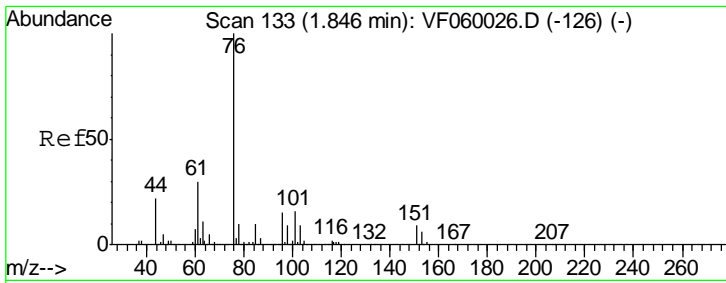
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#16  
 Acetone  
 Concen: 193.99 ug/l  
 RT: 2.34 min Scan# 184  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
43	228639		
58	14.8	12.6	19.0





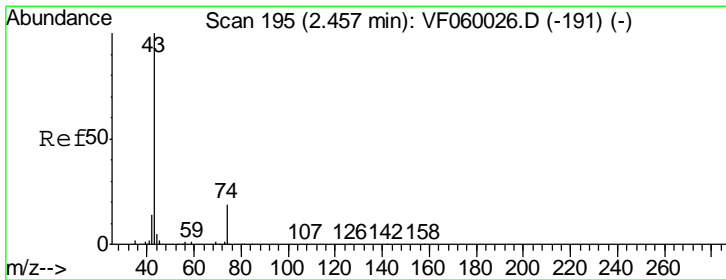
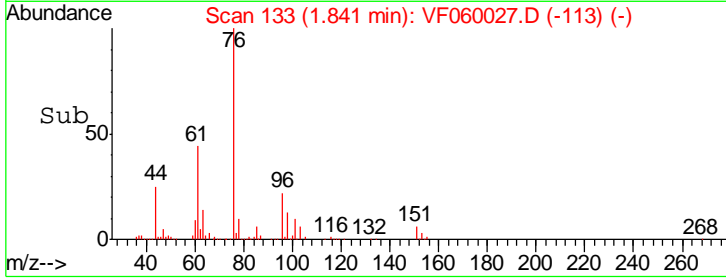
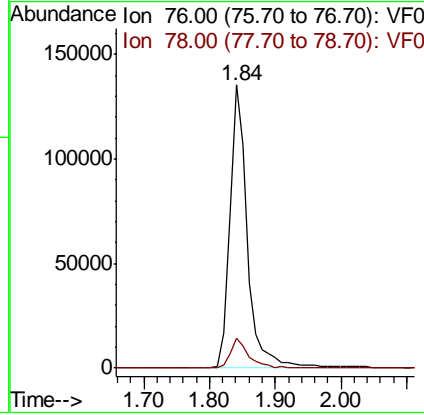
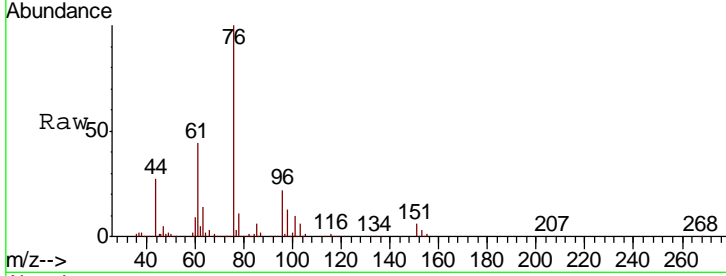
#17  
 Carbon Disulfide  
 Concen: 43.17 ug/l  
 RT: 1.84 min Scan# 133  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
76	253293		
76	100		
78	10.6	8.4	12.6

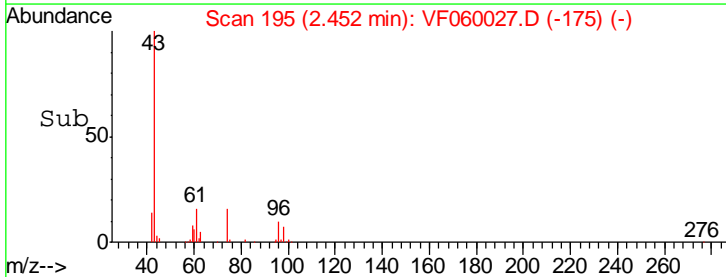
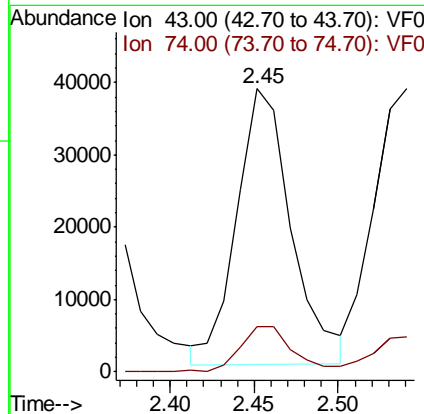
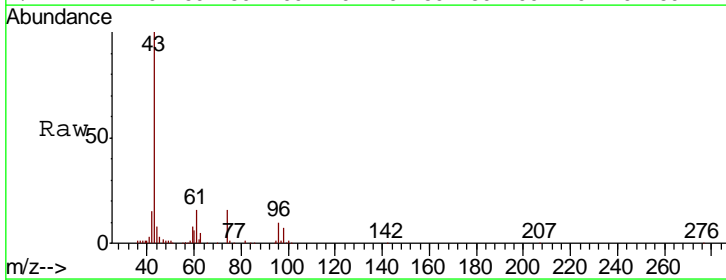
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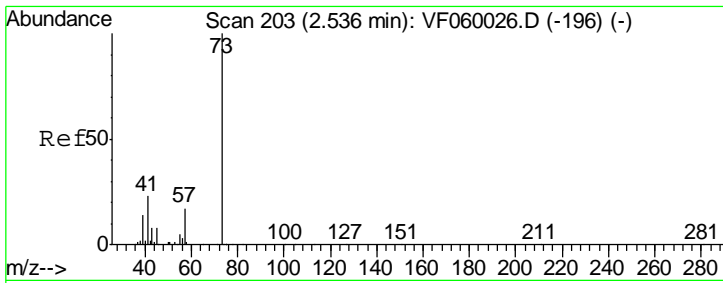
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#18  
 Methyl Acetate  
 Concen: 38.22 ug/l  
 RT: 2.45 min Scan# 195  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
43	86001		
43	100		
74	15.9	13.8	20.6





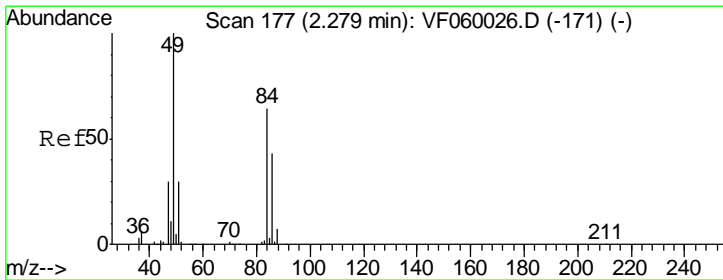
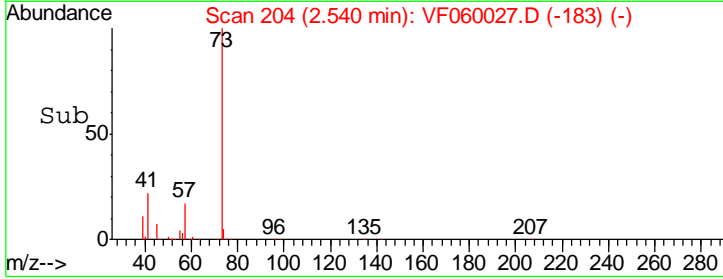
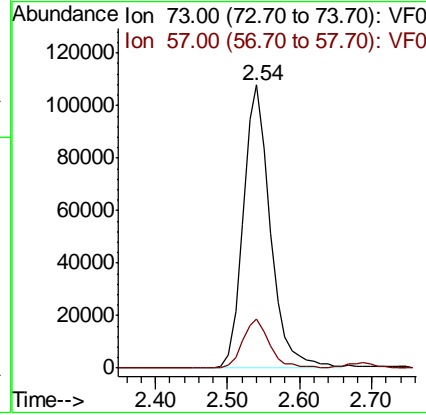
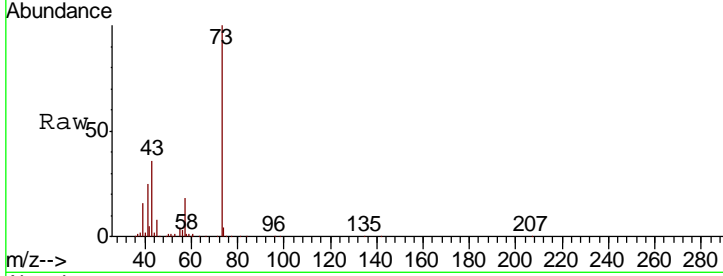
#19  
Methyl tert-butyl Ether  
Concen: 47.00 ug/l  
RT: 2.54 min Scan# 204  
Delta R.T. 0.00 min  
Lab File: VF060027.D  
Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
73	283673		
57	17.6	13.7	20.5

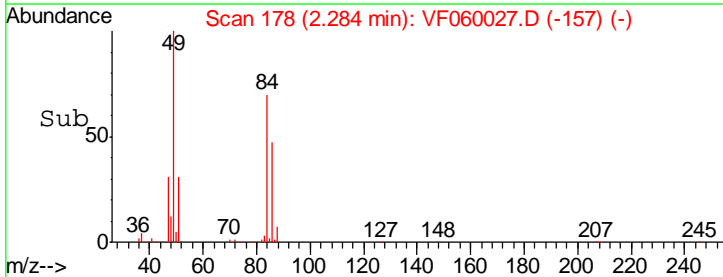
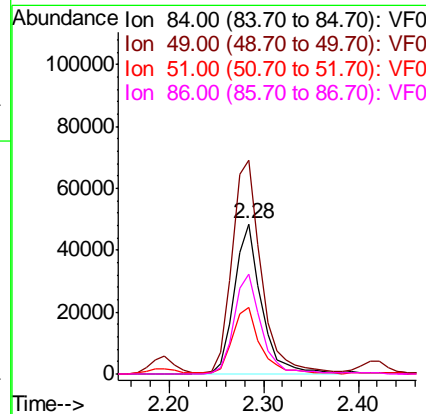
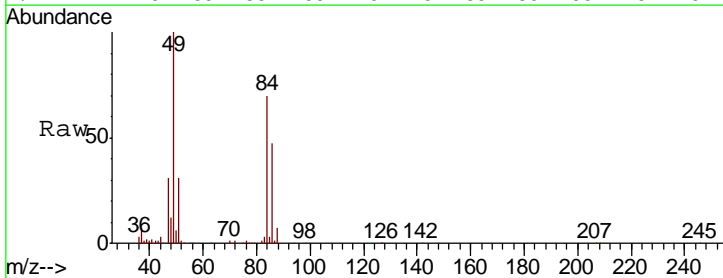
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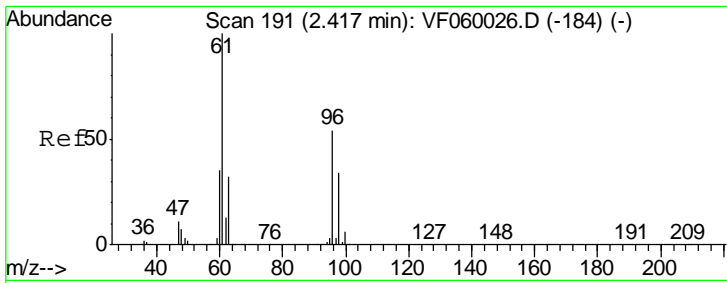
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#20  
Methylene Chloride  
Concen: 36.82 ug/l  
RT: 2.28 min Scan# 178  
Delta R.T. 0.00 min  
Lab File: VF060027.D  
Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
84	96531		
49	142.5	125.4	188.0
51	44.7	38.3	57.5
86	66.6	53.3	79.9





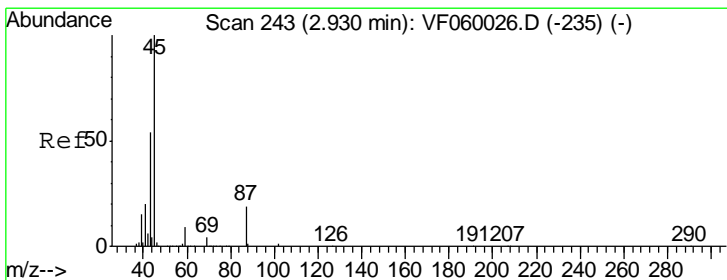
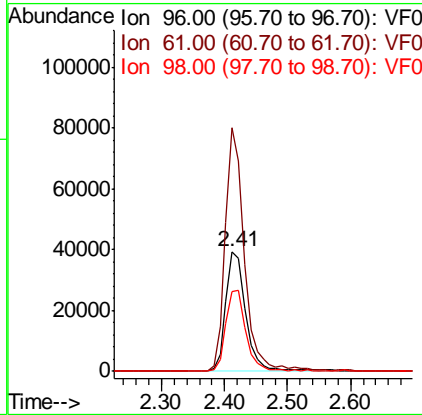
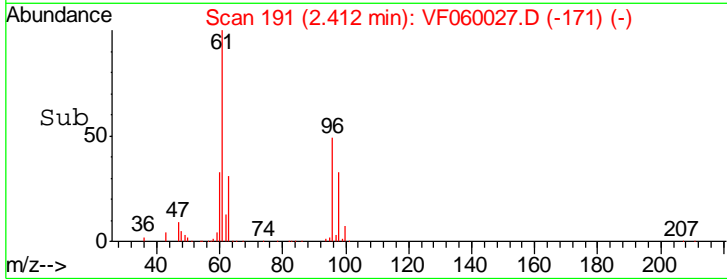
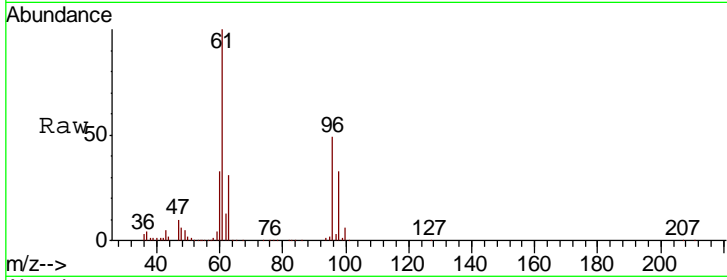
#21  
 trans-1,2-Dichloroethene  
 Concen: 43.94 ug/l  
 RT: 2.41 min Scan# 191  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
96	87343		
96	100		
61	203.0	147.4	221.0
98	66.5	49.8	74.6

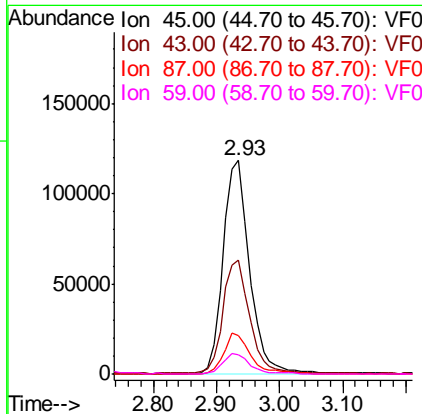
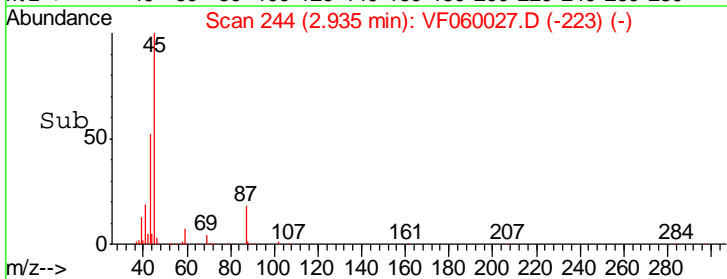
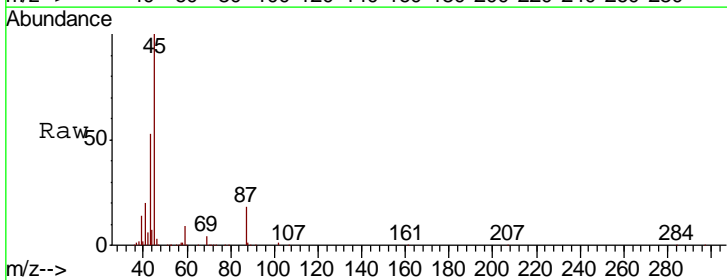
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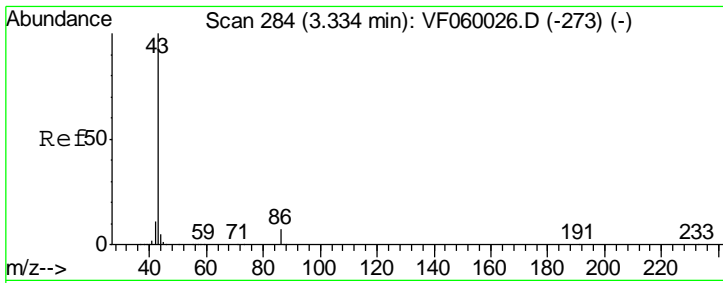
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#22  
 Diisopropyl ether  
 Concen: 51.51 ug/l  
 RT: 2.93 min Scan# 244  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
45	346792		
45	100		
43	53.2	43.4	65.2
87	18.3	15.4	23.2
59	8.8	7.5	11.3





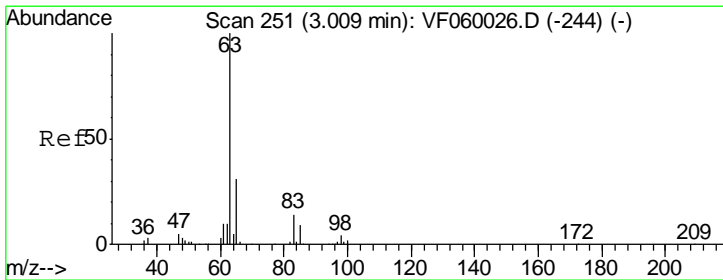
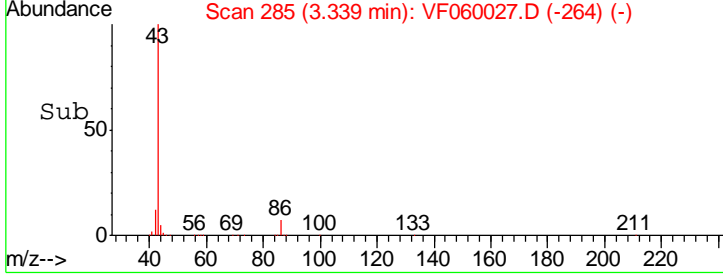
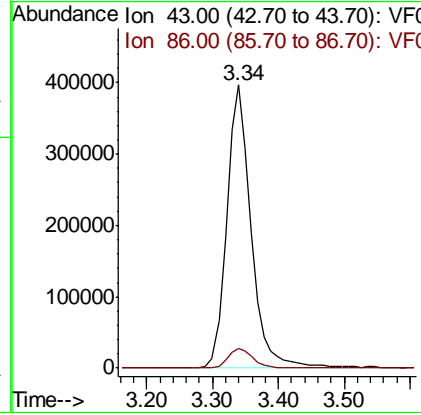
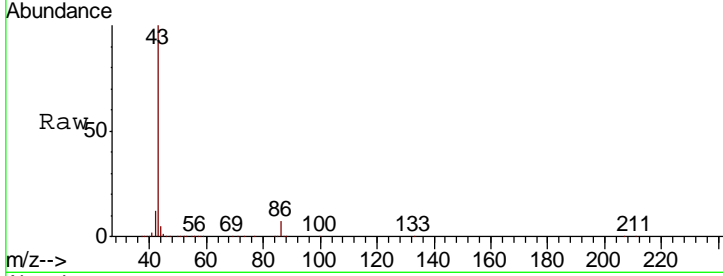
#23  
 Vinyl Acetate  
 Concen: 362.62 ug/l  
 RT: 3.34 min Scan# 285  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion: 43 Resp: 1020544

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.6	8.4

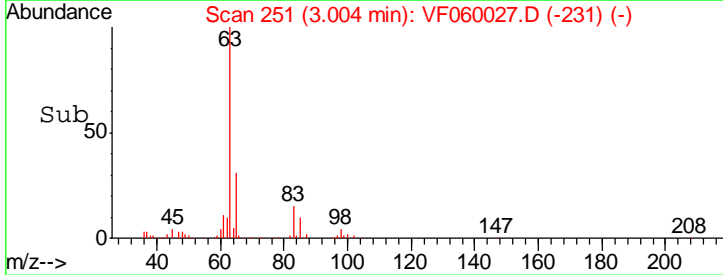
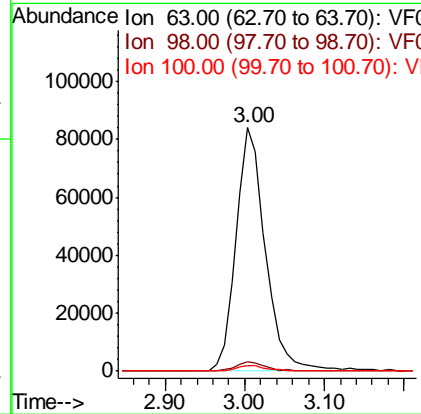
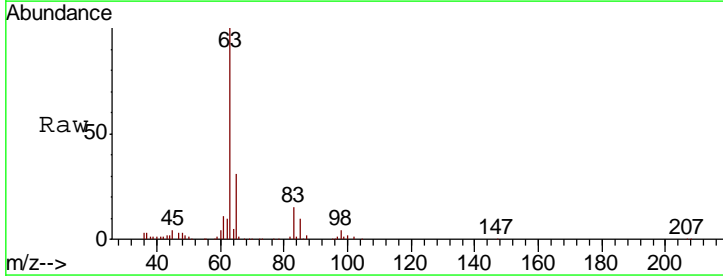
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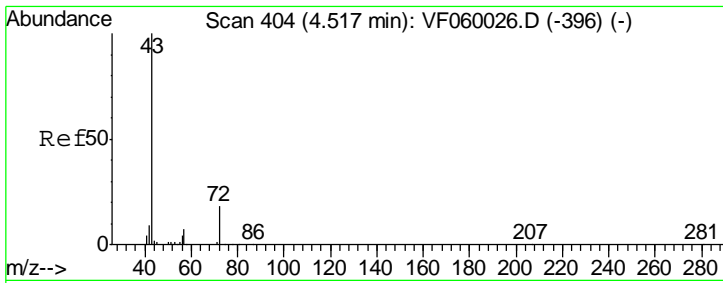
#24  
 1,1-Dichloroethane  
 Concen: 49.64 ug/l  
 RT: 3.00 min Scan# 251  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion: 63 Resp: 215810

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.1	6.5
100	2.4	1.1	3.3





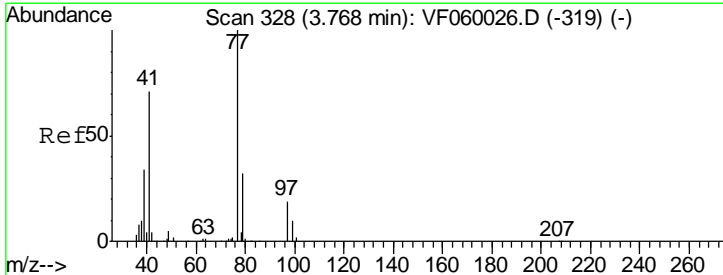
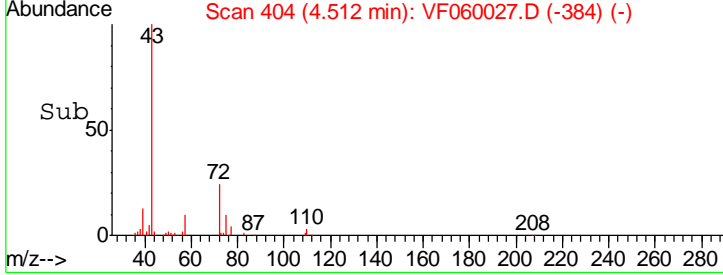
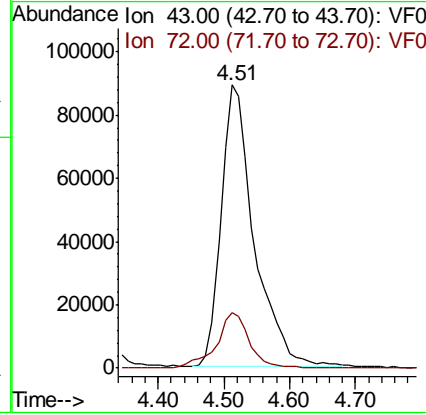
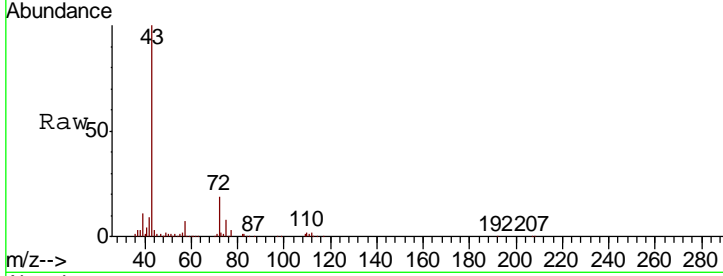


#25  
 2-Butanone  
 Concen: 319.60 ug/l  
 RT: 4.51 min Scan# 404  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC075

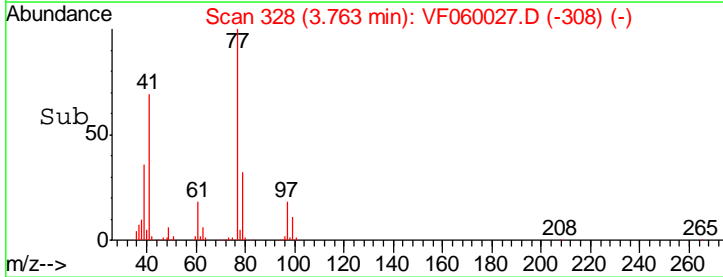
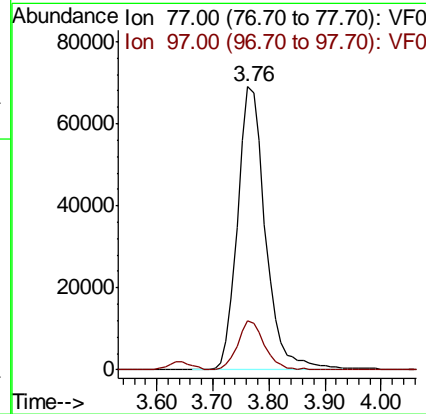
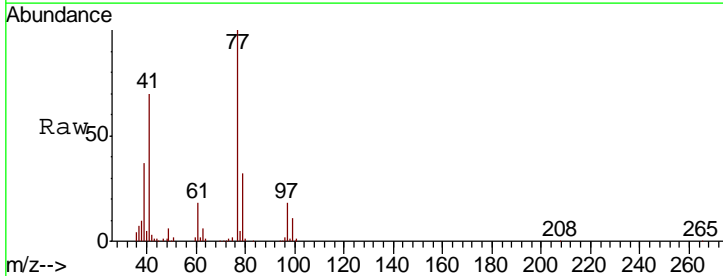
Tgt Ion	Resp	Lower	Upper
43	100		
72	19.4	15.0	22.6

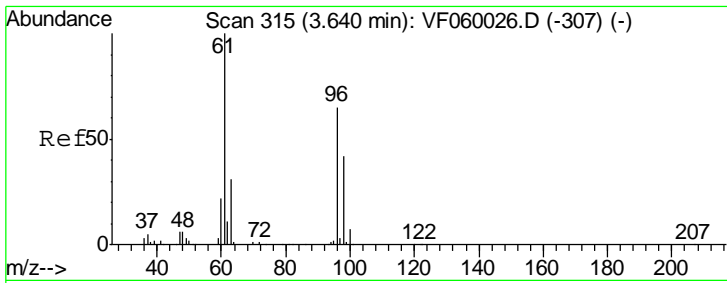
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#26  
 2,2-Dichloropropane  
 Concen: 60.92 ug/l  
 RT: 3.76 min Scan# 328  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
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Tgt Ion	Resp	Lower	Upper
77	100		
97	17.5	9.7	29.1





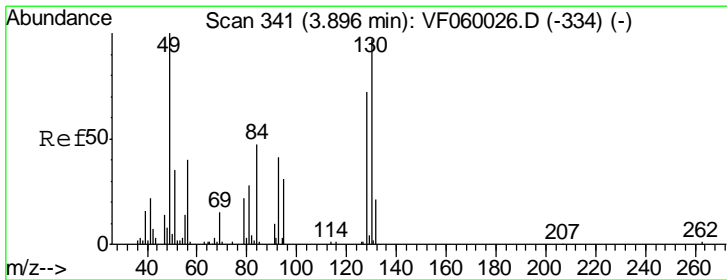
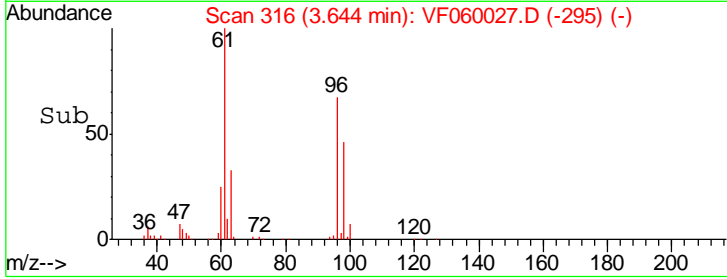
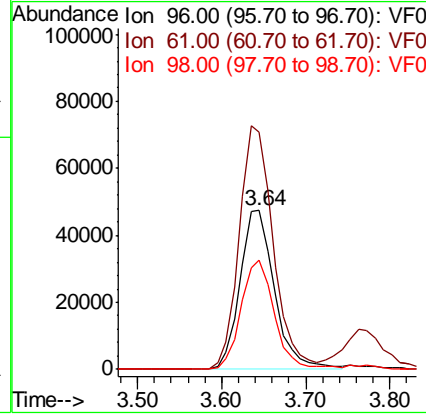
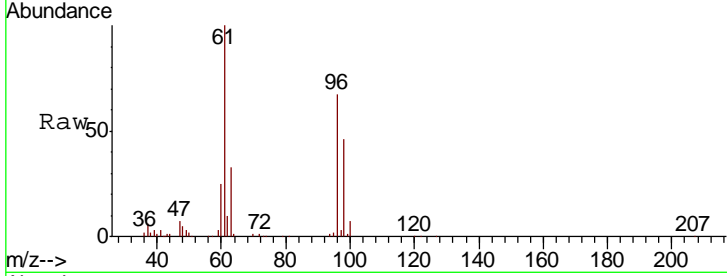
#27  
 cis-1,2-Dichloroethene  
 Concen: 70.28 ug/l  
 RT: 3.64 min Scan# 316  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
96	135809		
61	100	0.0	307.6
98	68.5	0.0	128.4

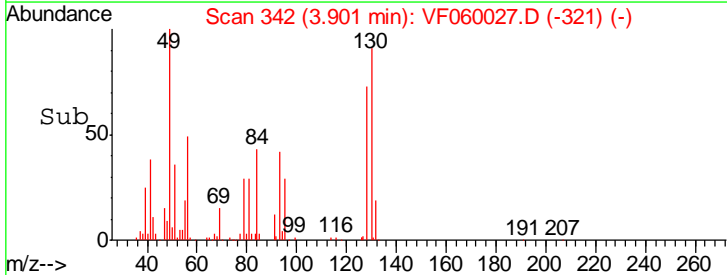
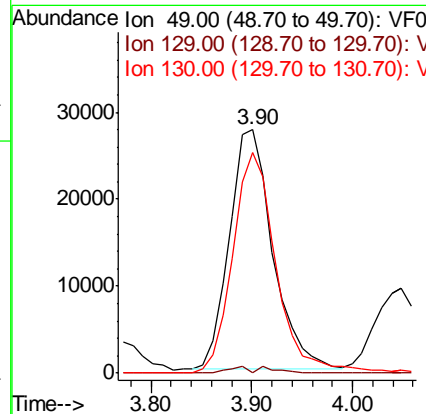
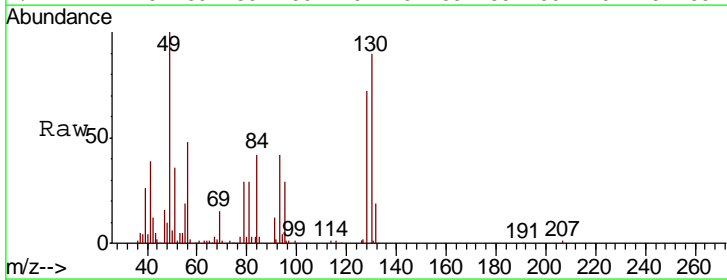
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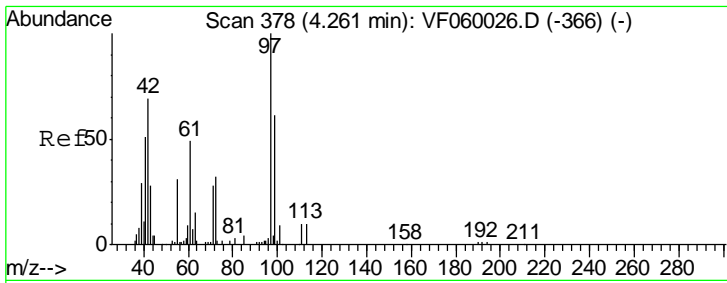
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#28  
 Bromochloromethane  
 Concen: 61.35 ug/l  
 RT: 3.90 min Scan# 342  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
49	82283		
129	0.0	0.0	7.4
130	90.4	78.0	117.0





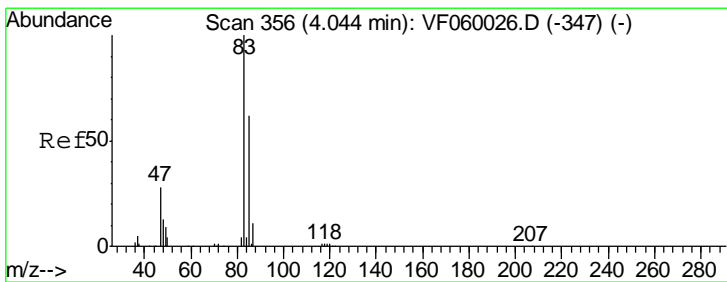
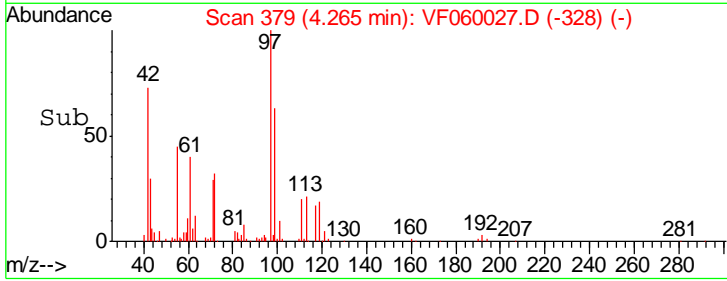
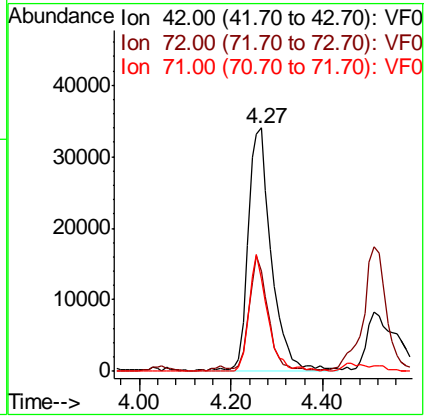
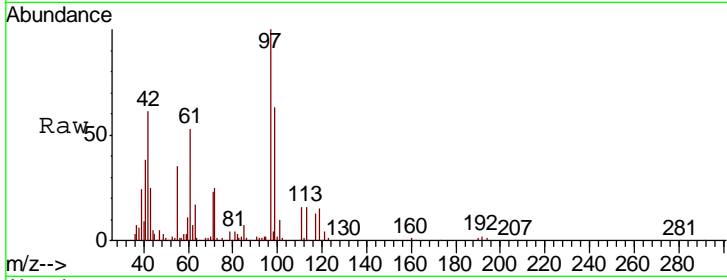
#29  
 Tetrahydrofuran  
 Concen: 345.00 ug/l  
 RT: 4.27 min Scan# 379  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
42	100		
72	38.2	31.4	47.2
71	38.4	29.7	44.5

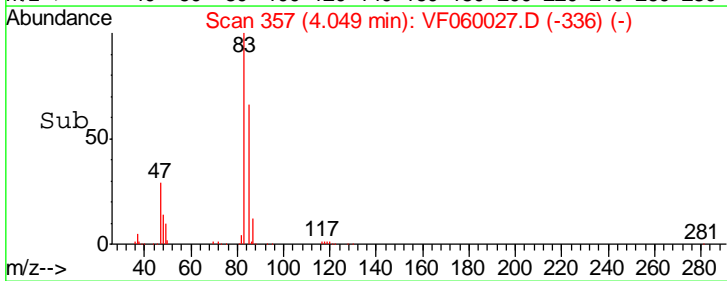
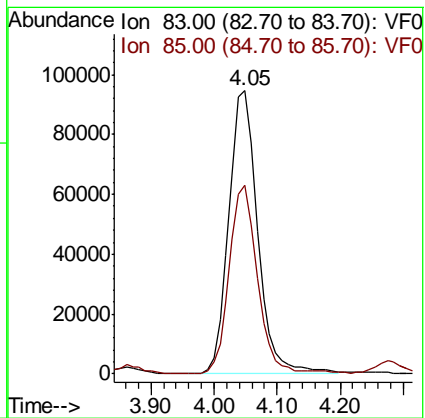
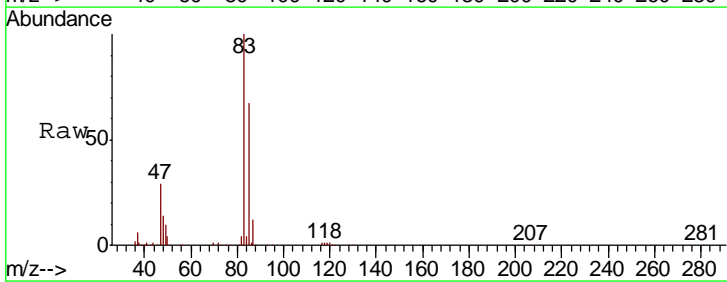
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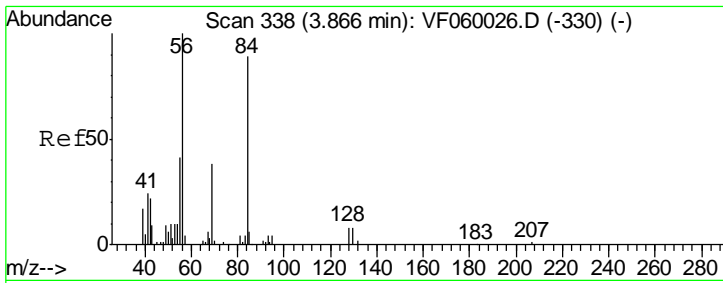
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#30  
 Chloroform  
 Concen: 57.72 ug/l  
 RT: 4.05 min Scan# 357  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
83	100		
85	66.7	49.5	74.3





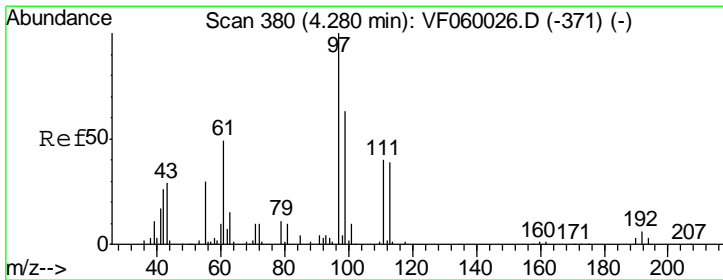
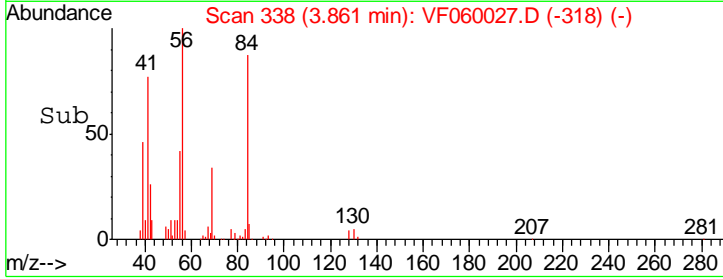
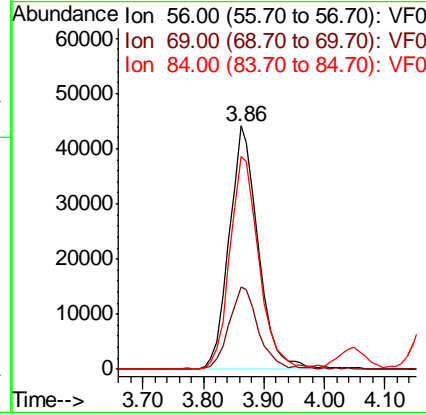
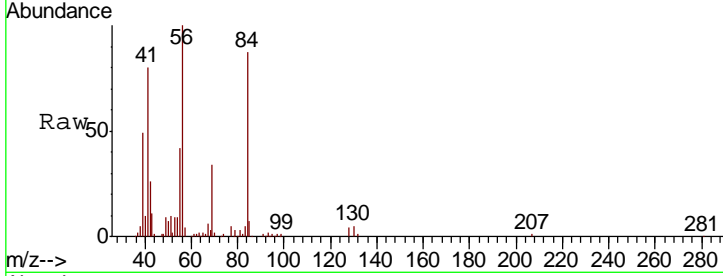
#31  
 Cyclohexane  
 Concen: 67.92 ug/l  
 RT: 3.86 min Scan# 338  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
56	147551		
56	100		
69	34.1	30.4	45.6
84	87.5	71.4	107.2

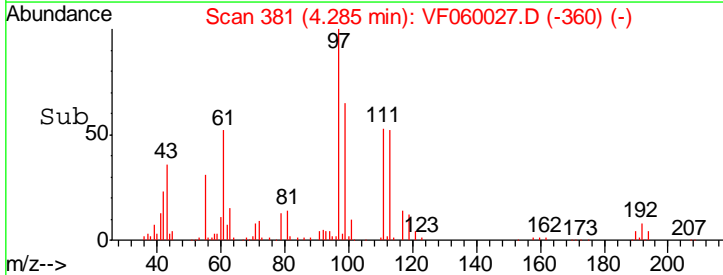
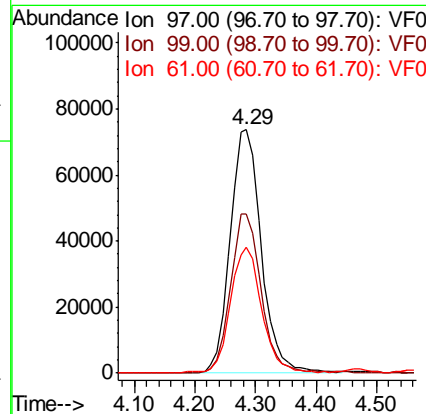
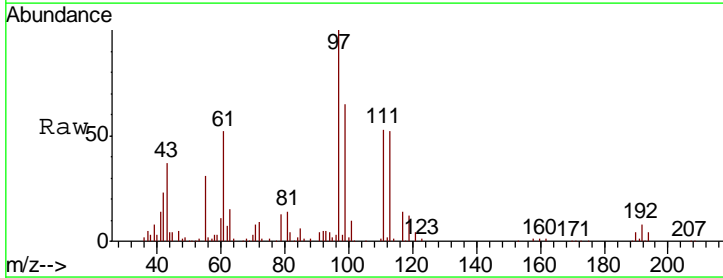
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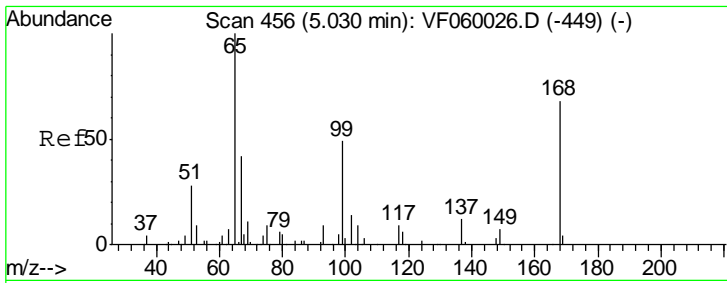
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#32  
 1,1,1-Trichloroethane  
 Concen: 52.83 ug/l  
 RT: 4.29 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
97	263142		
97	100		
99	65.5	50.3	75.5
61	51.9	40.3	60.5





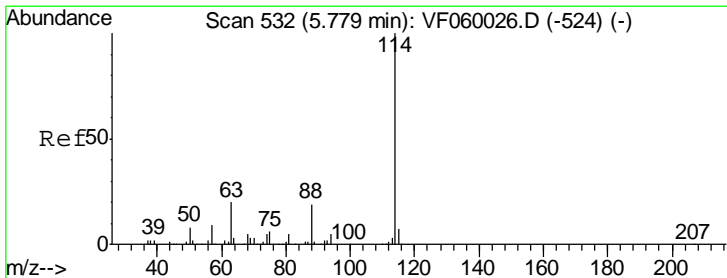
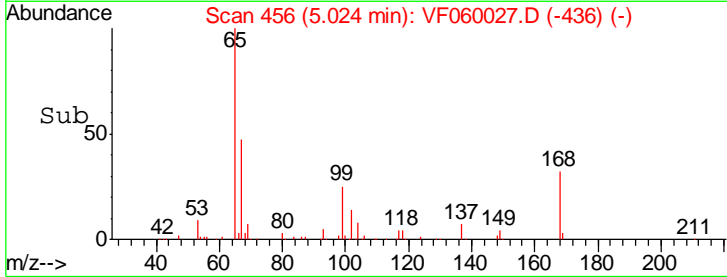
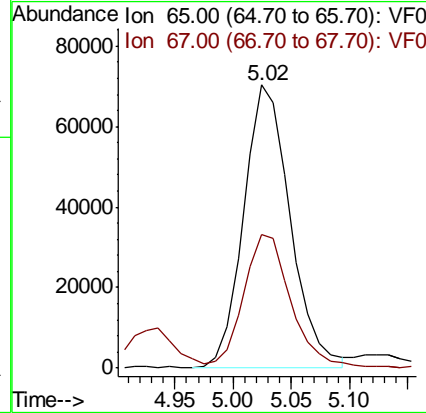
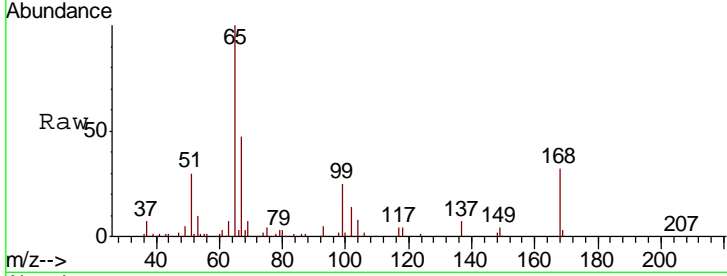
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.08 ug/l  
 RT: 5.02 min Scan# 456  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
65	193622		
65	100		
67	47.2	0.0	92.0

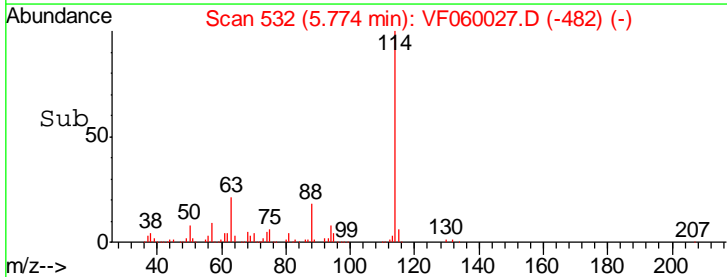
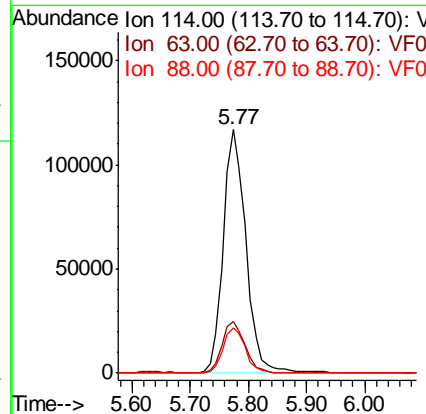
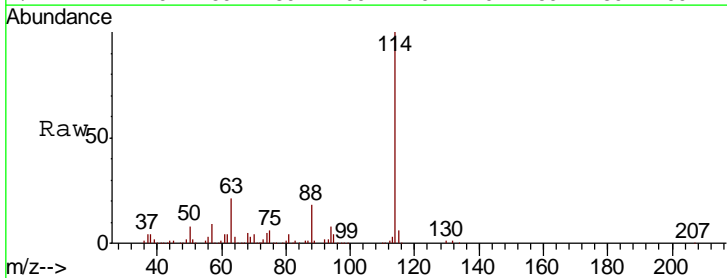
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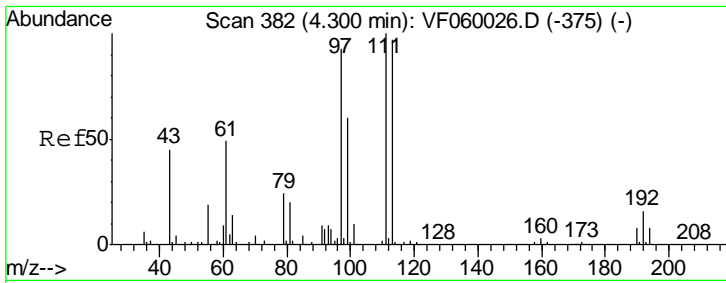
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.77 min Scan# 532  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

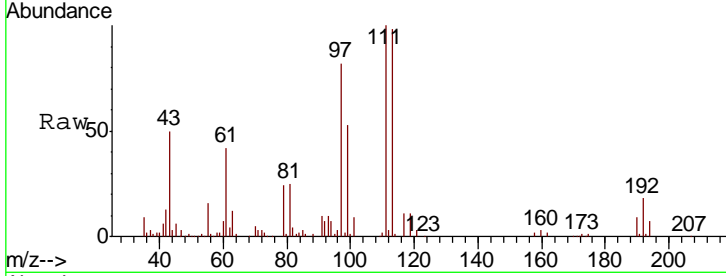
Tgt Ion	Resp	Lower	Upper
114	315898		
114	100		
63	21.1	0.0	40.4
88	18.4	0.0	38.6





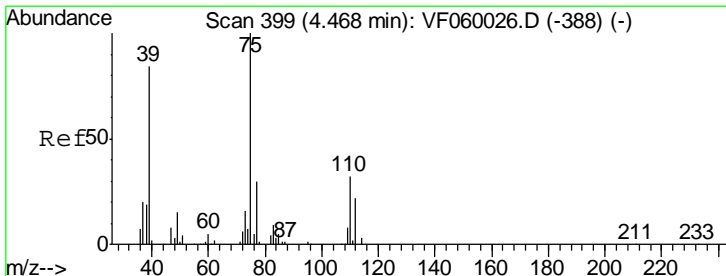
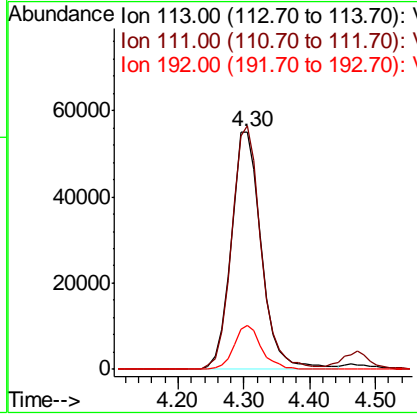
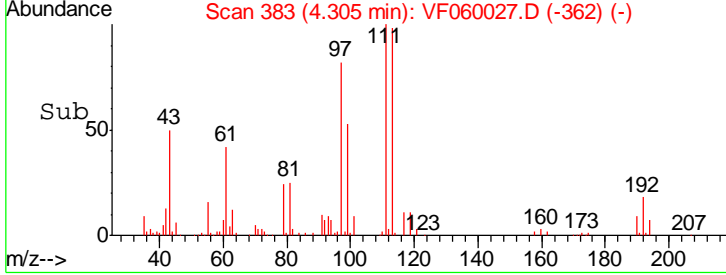
#35  
 Dibromofluoromethane  
 Concen: 56.97 ug/l  
 RT: 4.30 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

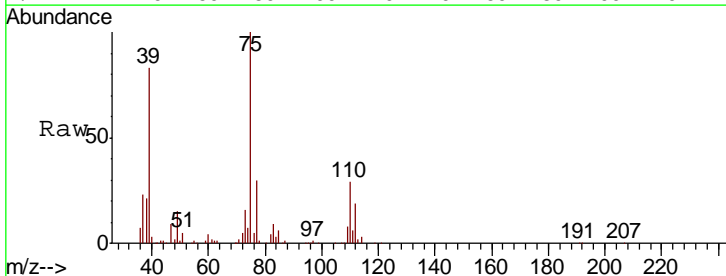


Tgt Ion	Resp	Lower	Upper
113	176911		
113	100		
111	102.4	82.7	124.1
192	18.5	13.0	19.4

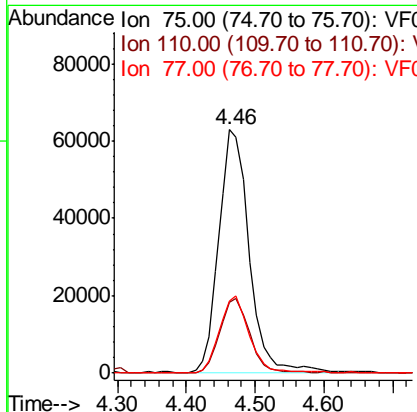
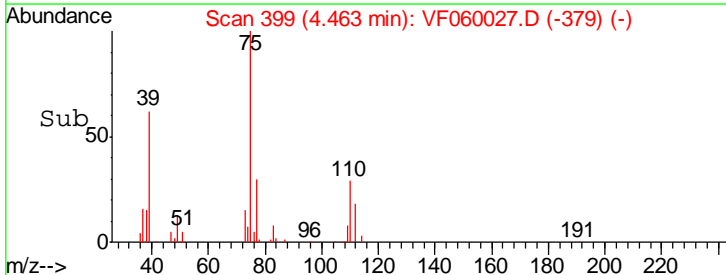
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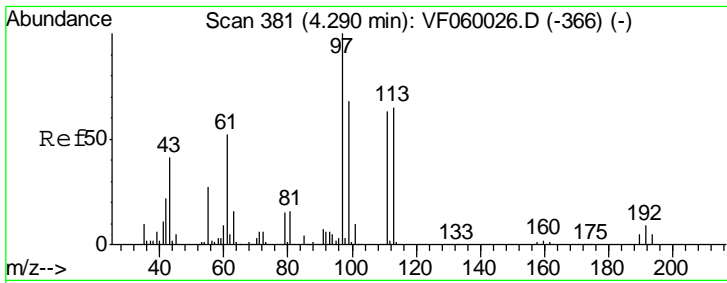


#36  
 1,1-Dichloropropene  
 Concen: 54.29 ug/l  
 RT: 4.46 min Scan# 399  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51



Tgt Ion	Resp	Lower	Upper
75	192295		
75	100		
110	29.2	16.0	47.9
77	29.8	24.1	36.1





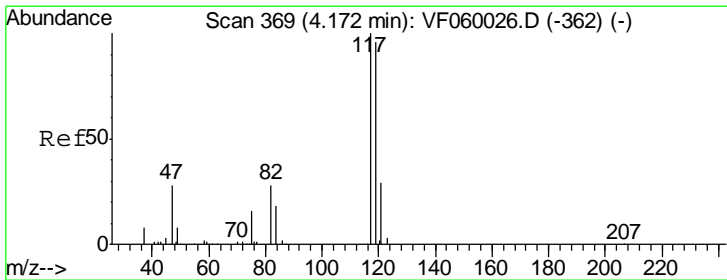
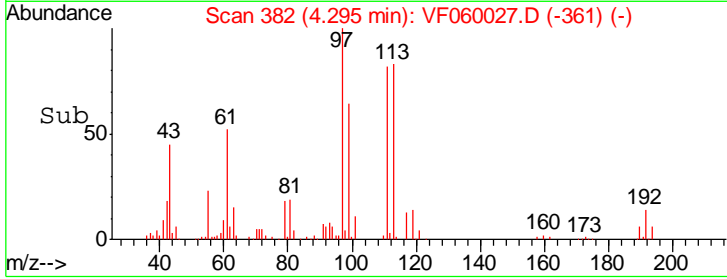
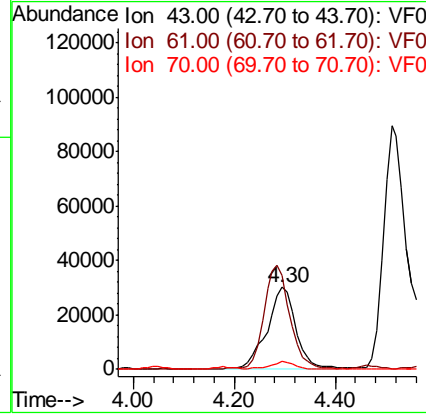
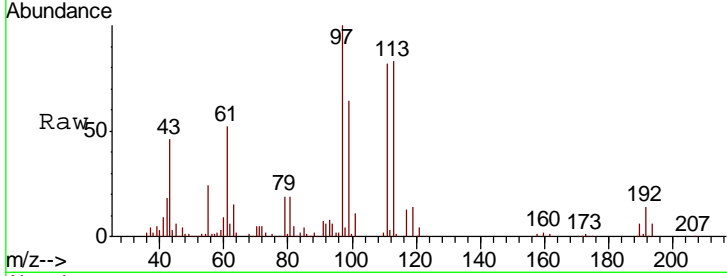
#37  
 Ethyl Acetate  
 Concen: 61.69 ug/l  
 RT: 4.30 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
43	119505		
43	100		
61	114.1	101.5	152.3
70	10.2	6.4	9.6#

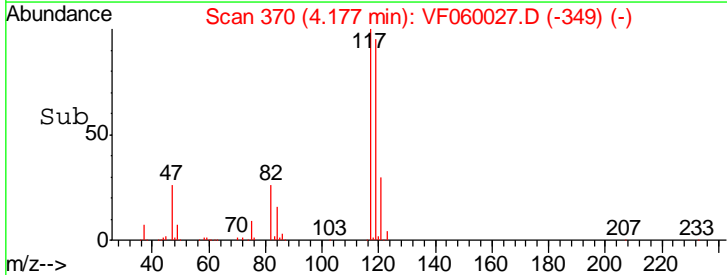
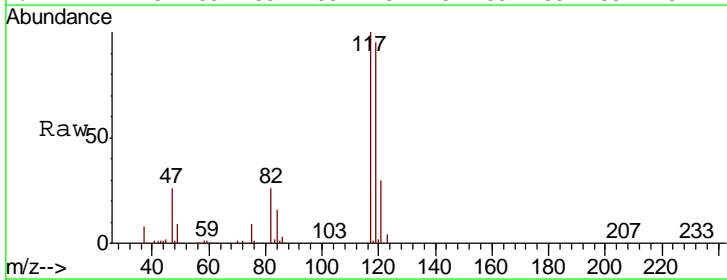
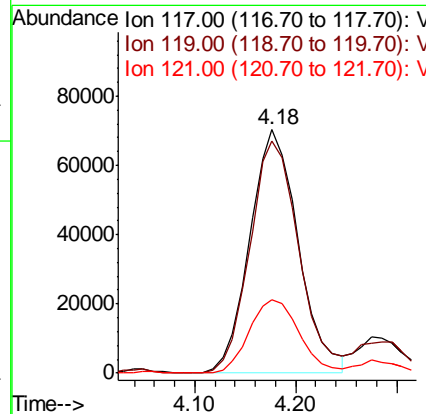
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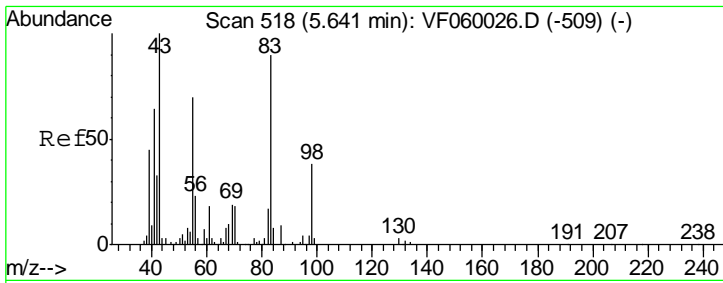
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#38  
 Carbon Tetrachloride  
 Concen: 48.17 ug/l  
 RT: 4.18 min Scan# 370  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
117	235420		
117	100		
119	95.4	76.5	114.7
121	29.9	23.0	34.6





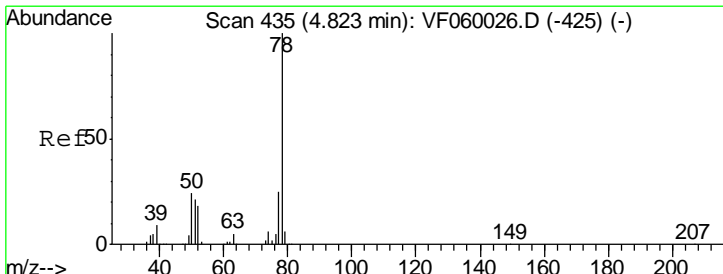
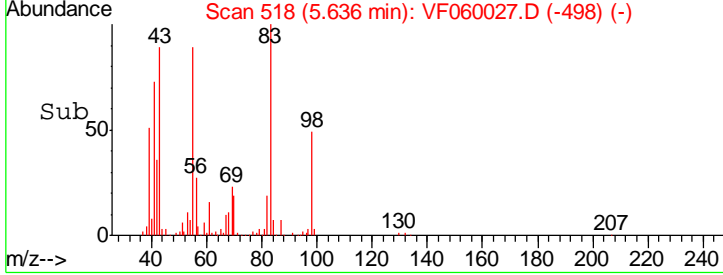
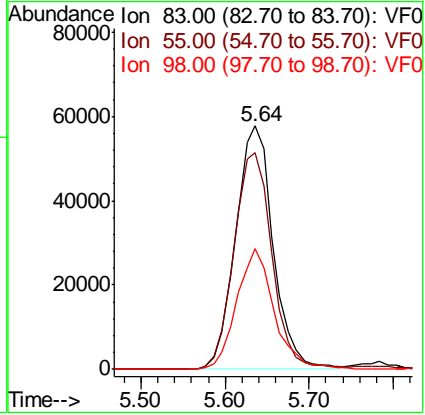
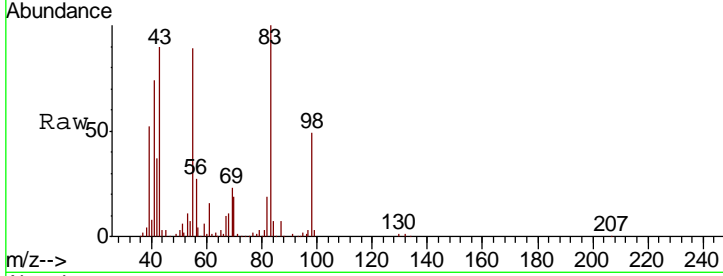
#39  
 Methylcyclohexane  
 Concen: 66.43 ug/l  
 RT: 5.64 min Scan# 518  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
83	179692		
83	100		
55	88.8	62.7	94.1
98	49.5	33.8	50.8

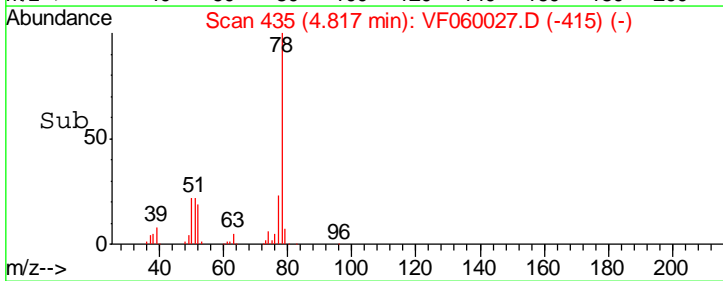
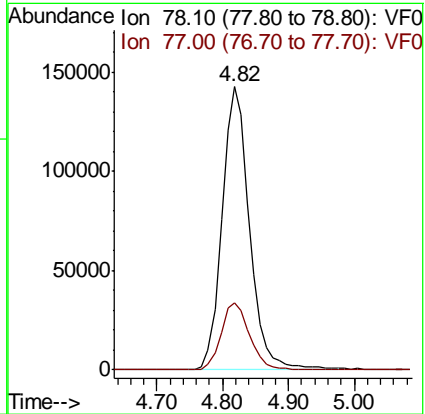
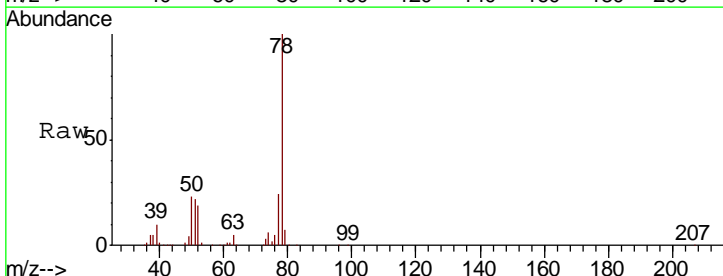
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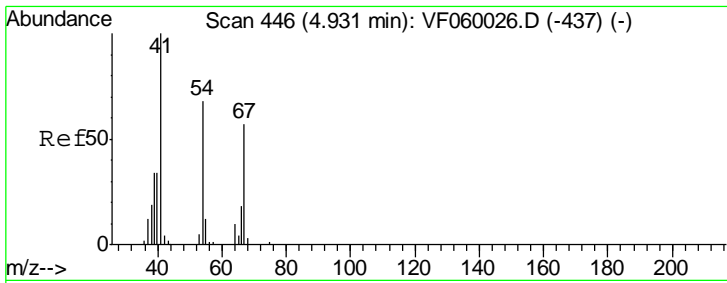


#40  
 Benzene  
 Concen: 68.02 ug/l  
 RT: 4.82 min Scan# 435  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
78	413982		
78	100		
77	23.5	19.8	29.6







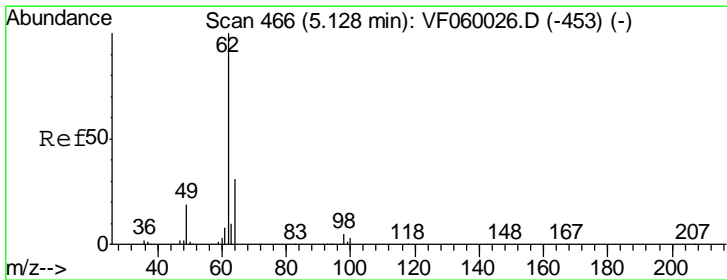
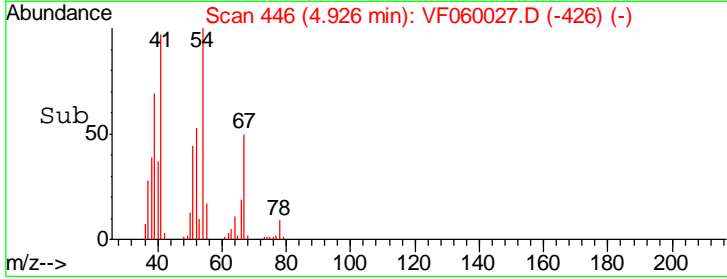
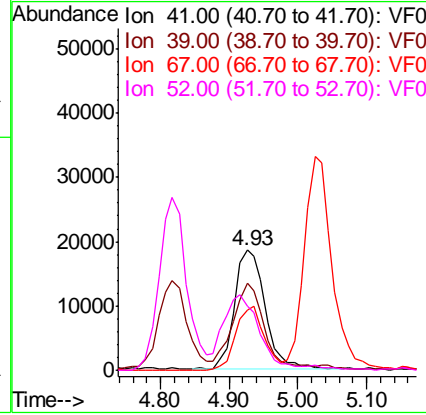
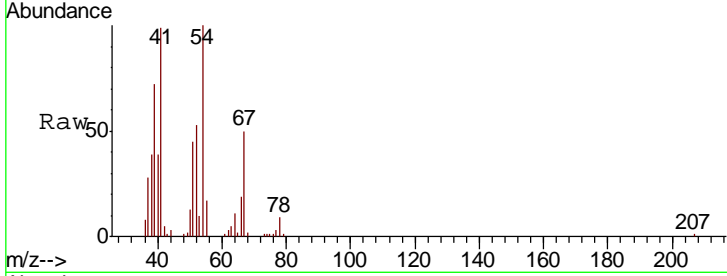
#41  
 Methacrylonitrile  
 Concen: 60.09 ug/l  
 RT: 4.93 min Scan# 446  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 Client Sampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
41	100		
39	72.3	52.9	79.3
67	50.8	45.3	67.9
52	53.8	34.8	52.2#

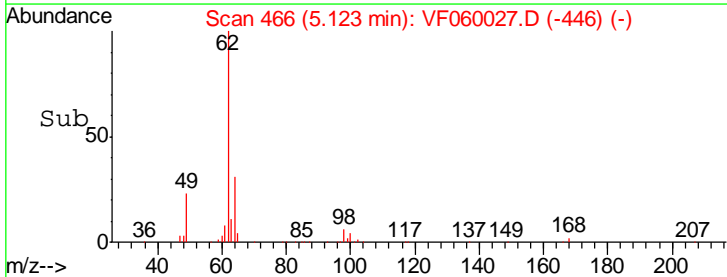
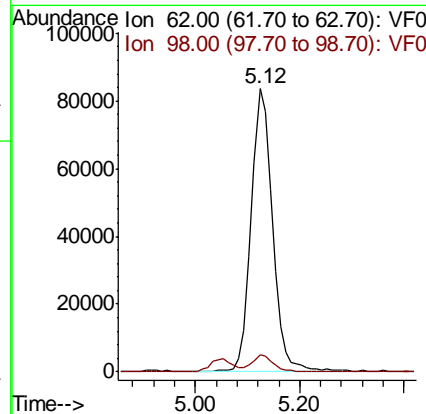
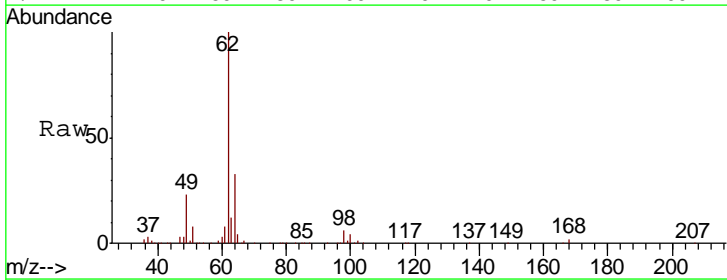
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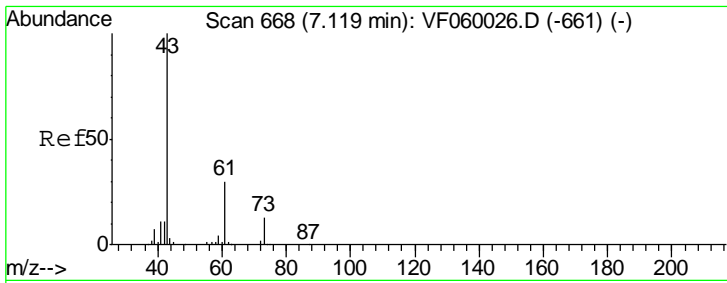
apatel  
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#42  
 1,2-Dichloroethane  
 Concen: 47.34 ug/l  
 RT: 5.12 min Scan# 466  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
62	100		
98	6.1	0.0	11.2





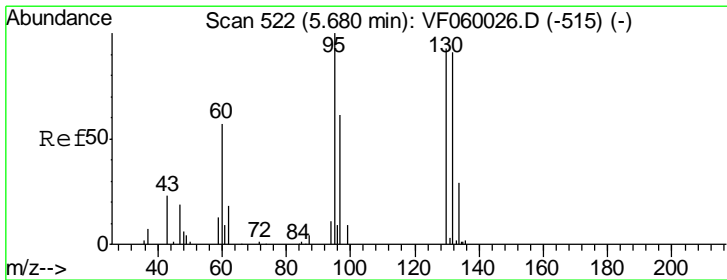
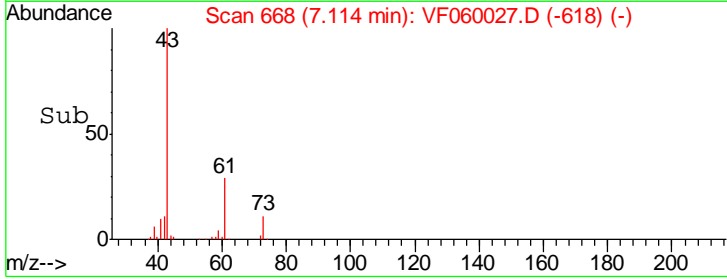
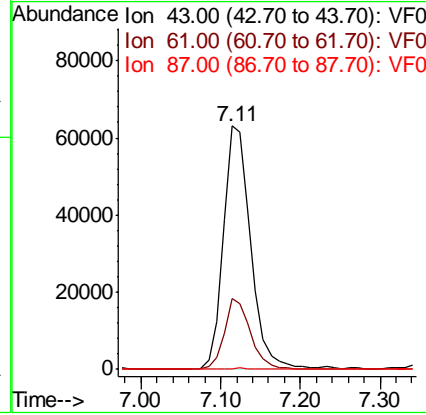
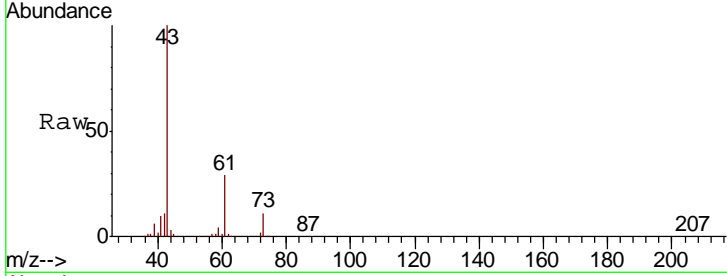
#43  
 Isopropyl Acetate  
 Concen: 69.08 ug/l  
 RT: 7.11 min Scan# 668  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
43	151739		
61	29.1	23.8	35.6
87	0.3	0.2	0.4

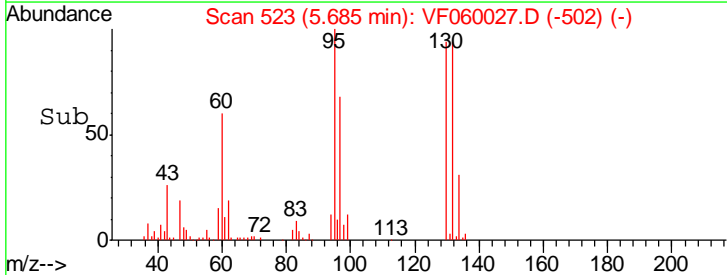
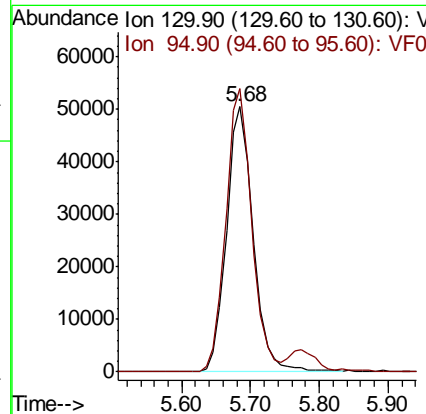
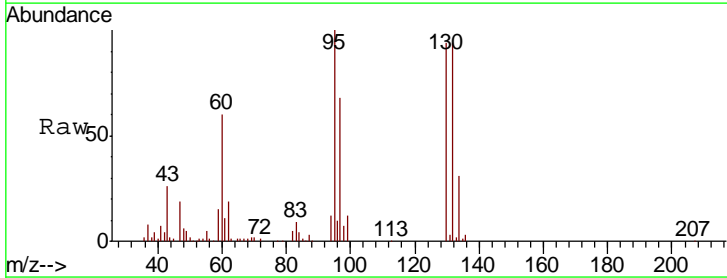
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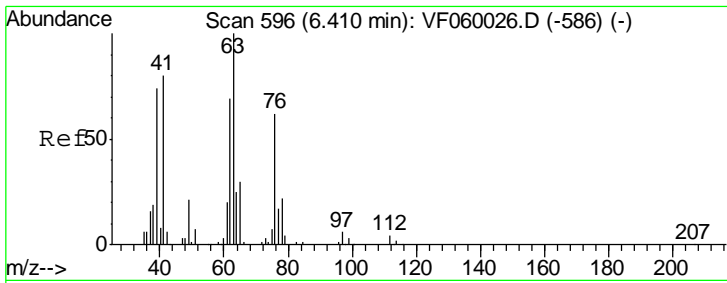
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#44  
 Trichloroethene  
 Concen: 58.30 ug/l  
 RT: 5.68 min Scan# 523  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
130	135661		
95	106.8	0.0	215.8



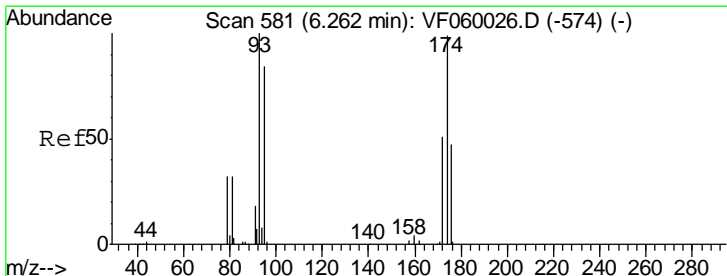
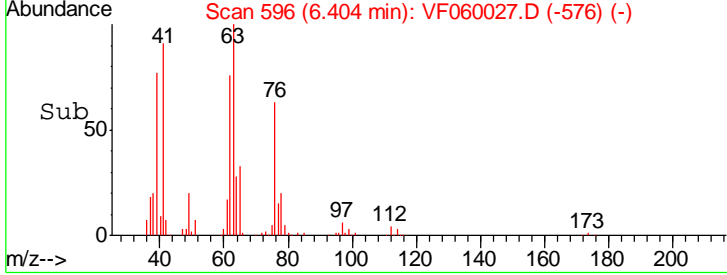
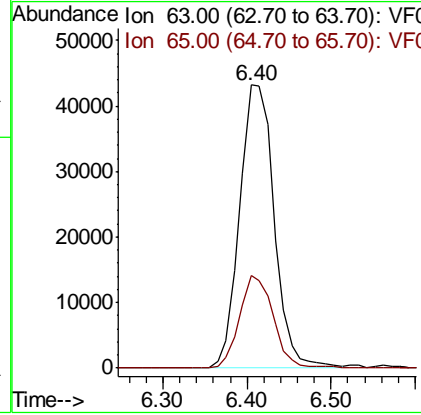
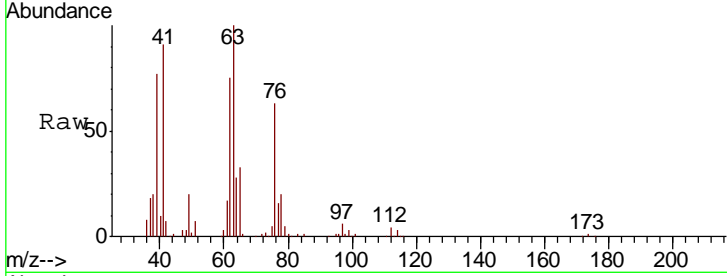


#45  
 1,2-Dichloropropane  
 Concen: 70.70 ug/l  
 RT: 6.40 min Scan# 596  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

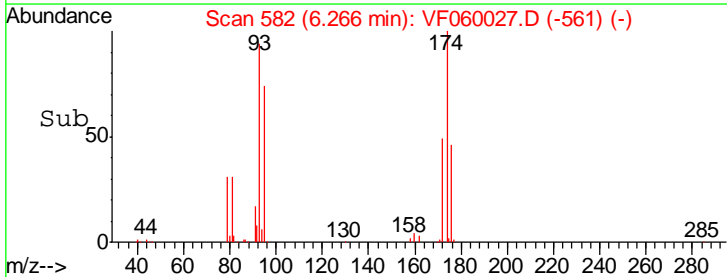
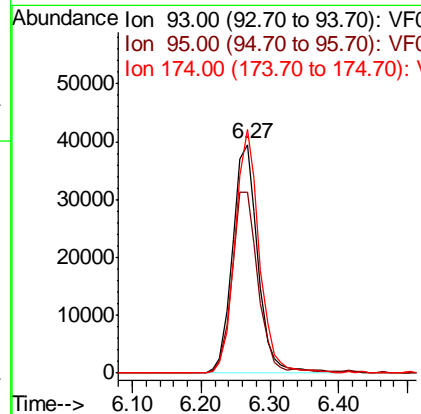
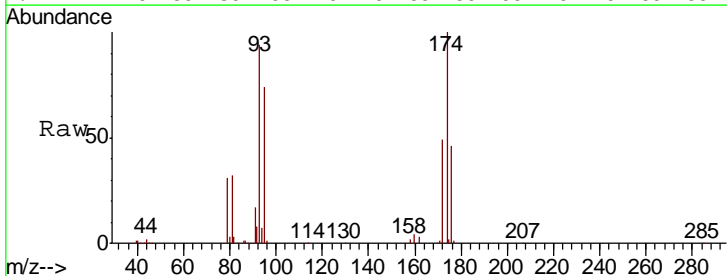
Tgt Ion	Resp	Lower	Upper
63	124194		
63	100		
65	32.8	23.8	35.6

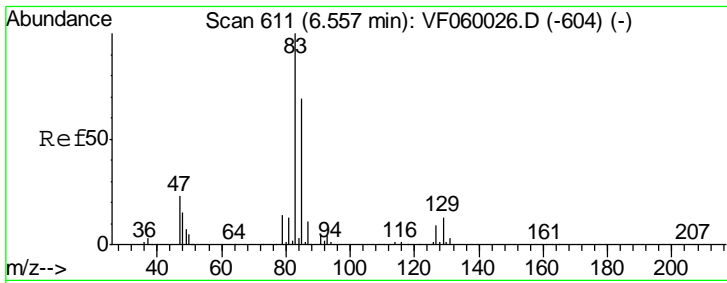
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#46  
 Dibromomethane  
 Concen: 59.86 ug/l  
 RT: 6.27 min Scan# 582  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
93	100675		
93	100		
95	78.9	67.1	100.7
174	106.5	79.0	118.4





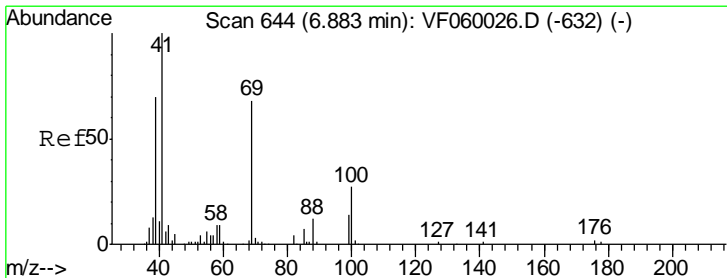
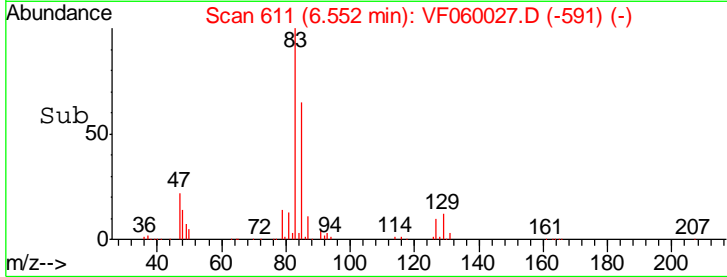
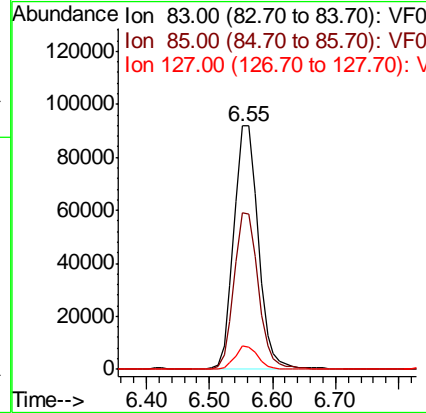
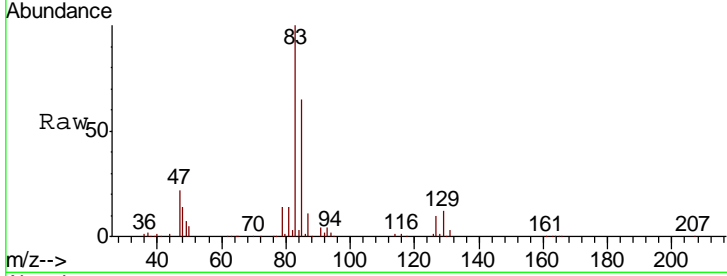
#47  
 Bromodichloromethane  
 Concen: 55.68 ug/l  
 RT: 6.55 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
83	246702		
85	64.5	55.2	82.8
127	9.6	7.3	10.9

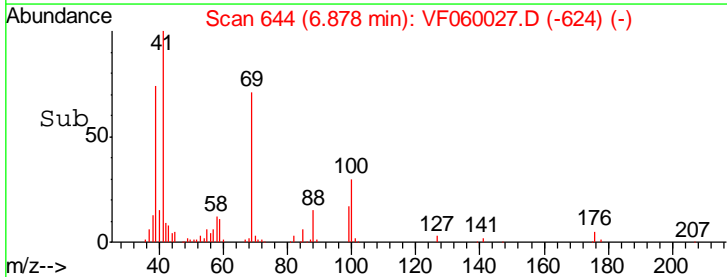
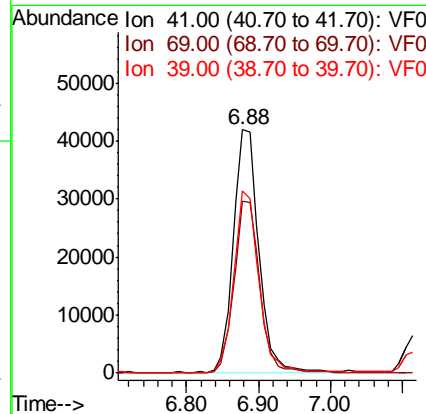
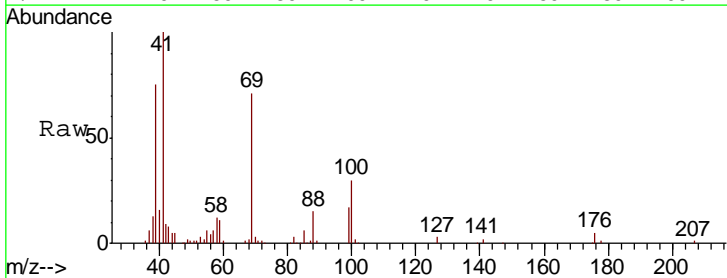
Manual Integrations  
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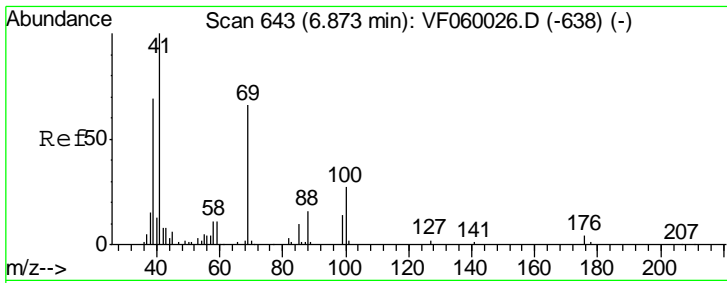
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#48  
 Methyl methacrylate  
 Concen: 64.14 ug/l  
 RT: 6.88 min Scan# 644  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
41	102648		
69	70.5	54.6	81.8
39	74.7	56.5	84.7





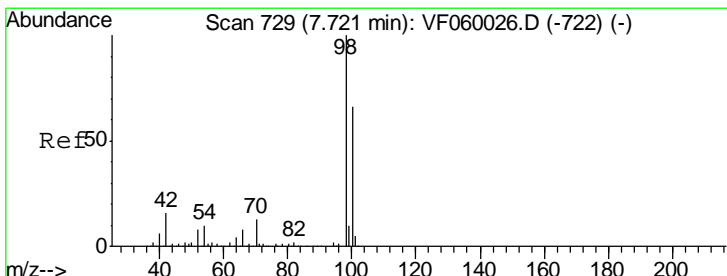
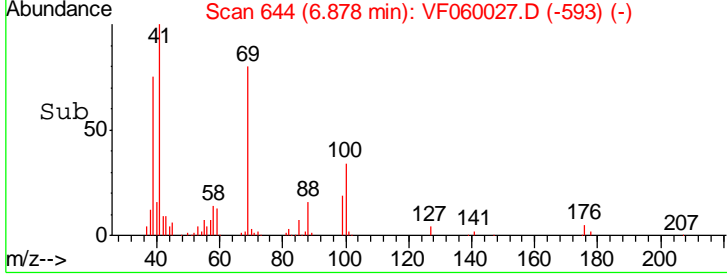
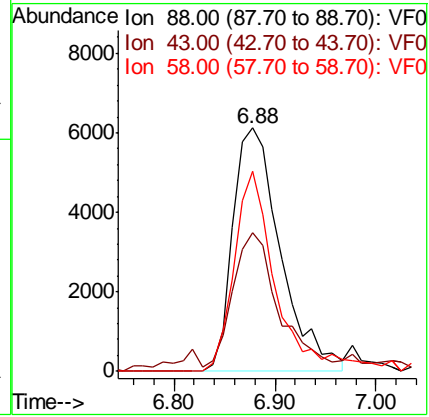
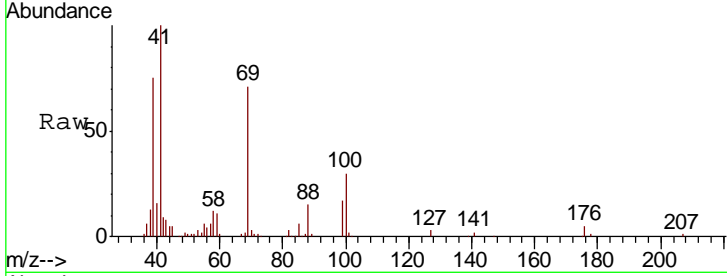
#49  
 1,4-Dioxane  
 Concen: 1603.38 ug/l  
 RT: 6.88 min Scan# 644  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
88	20144		
100			
43	56.7	46.5	69.7
58	82.3	54.8	82.2#

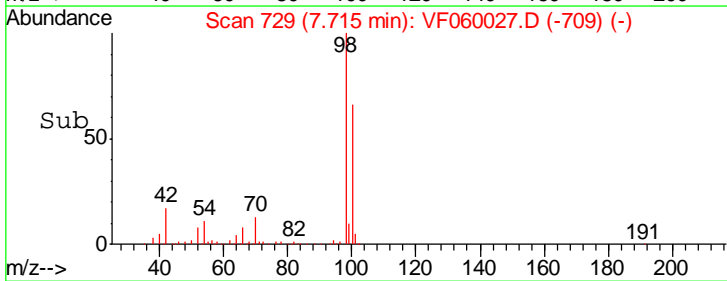
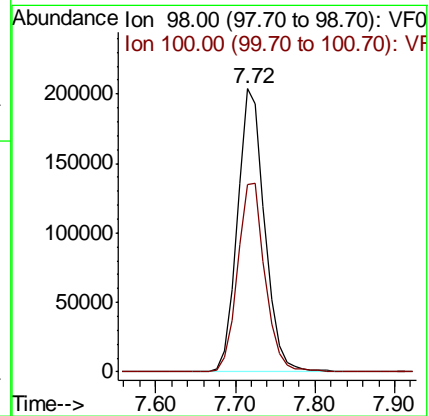
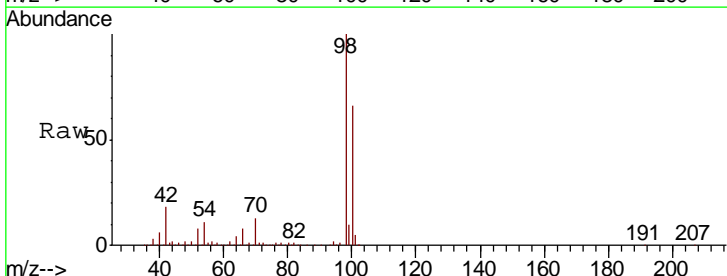
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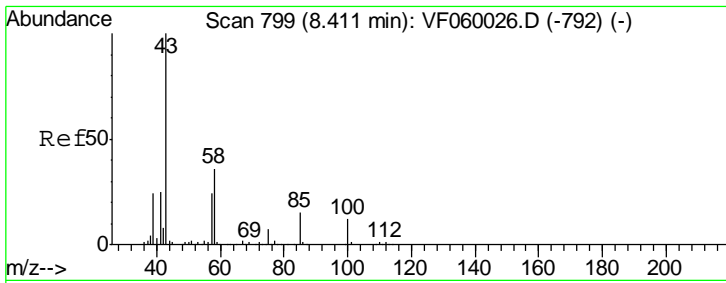
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#50  
 Toluene-d8  
 Concen: 68.03 ug/l  
 RT: 7.72 min Scan# 729  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
98	483548		
100			
100	66.4	53.2	79.8



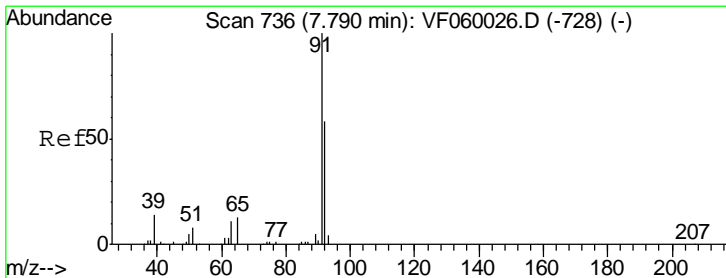
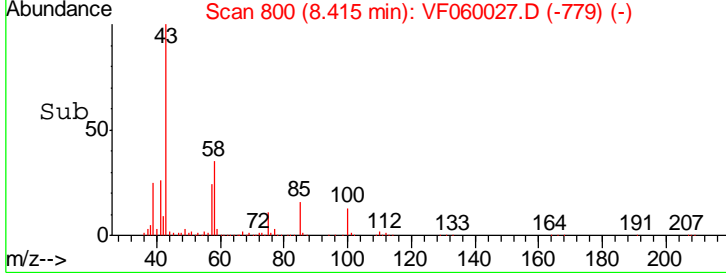
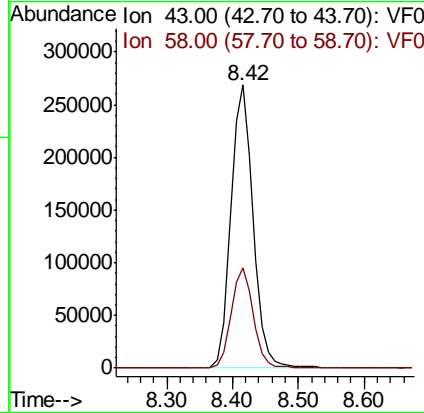
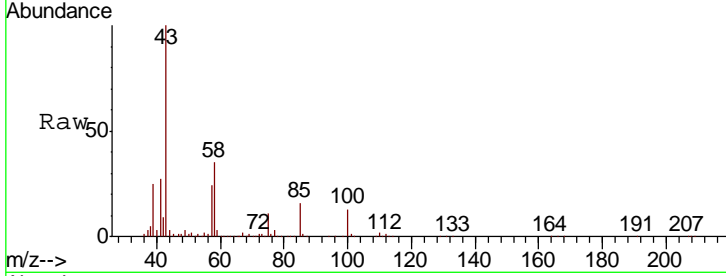


#51  
 4-Methyl-2-Pentanone  
 Concen: 312.78 ug/l  
 RT: 8.42 min Scan# 800  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

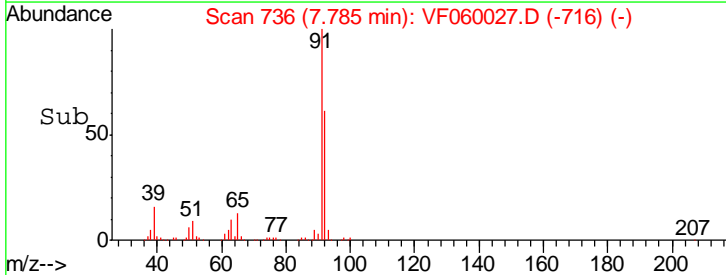
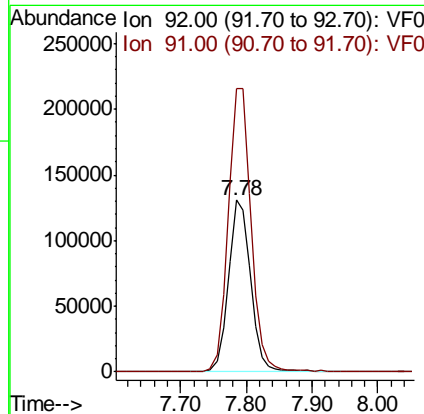
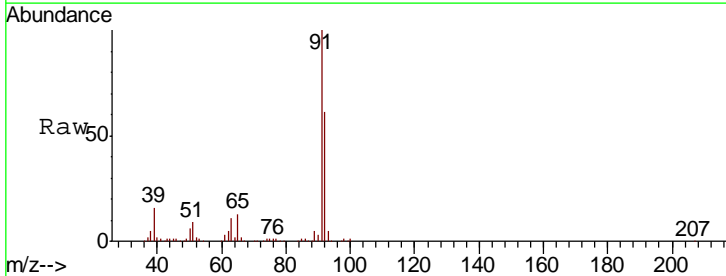
Tgt Ion	Resp	Lower	Upper
43	100		
58	35.4	28.6	42.8

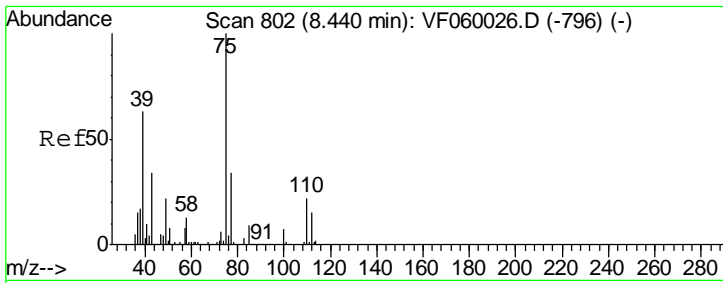
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#52  
 Toluene  
 Concen: 67.67 ug/l  
 RT: 7.78 min Scan# 736  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
92	100		
91	165.1	137.7	206.5



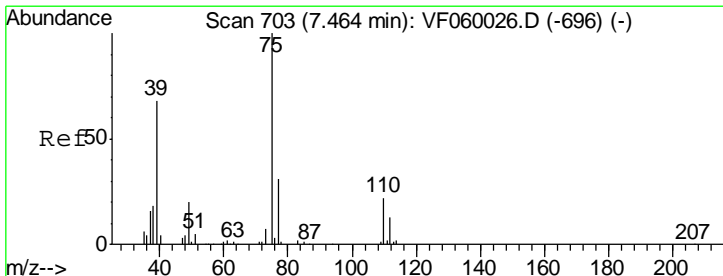
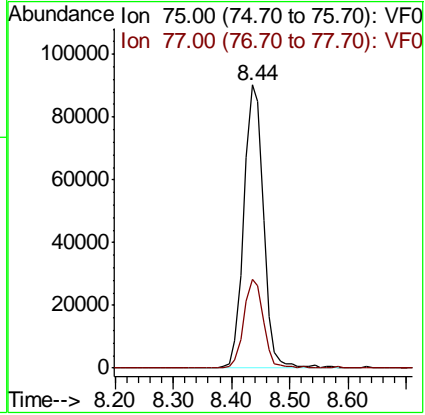
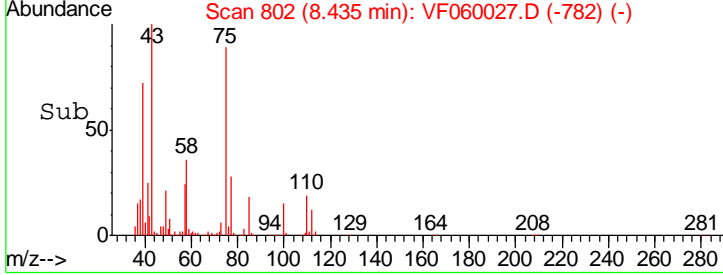
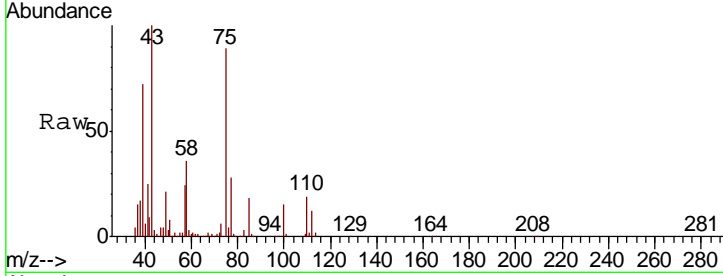


#53  
 t-1,3-Dichloropropene  
 Concen: 56.67 ug/l  
 RT: 8.44 min Scan# 802  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
75	213624		
75	100		
77	31.3	27.4	41.2

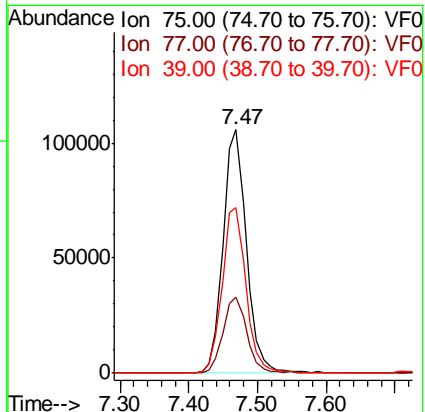
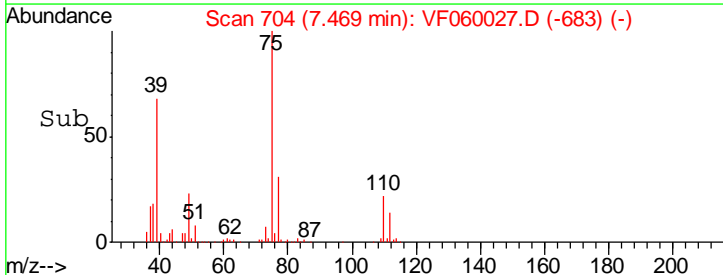
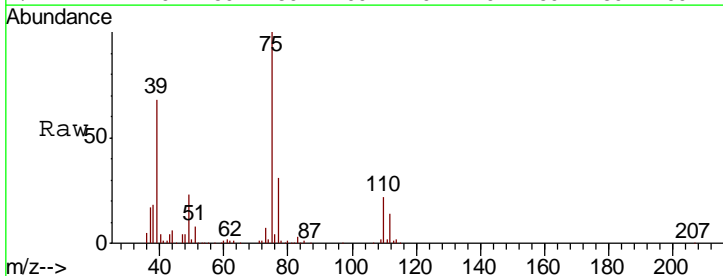
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

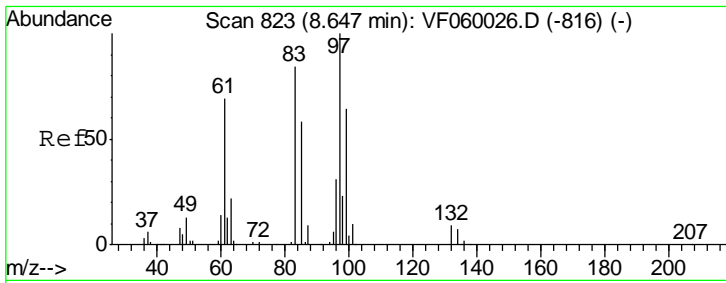
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#54  
 cis-1,3-Dichloropropene  
 Concen: 66.86 ug/l  
 RT: 7.47 min Scan# 704  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
75	249065		
75	100		
77	31.2	24.6	37.0
39	68.2	54.6	81.8





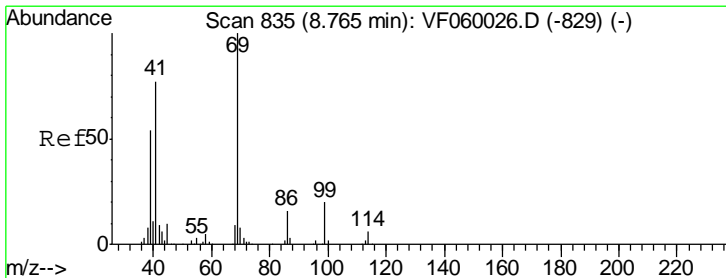
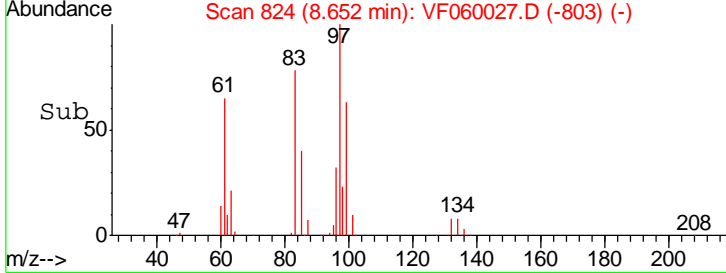
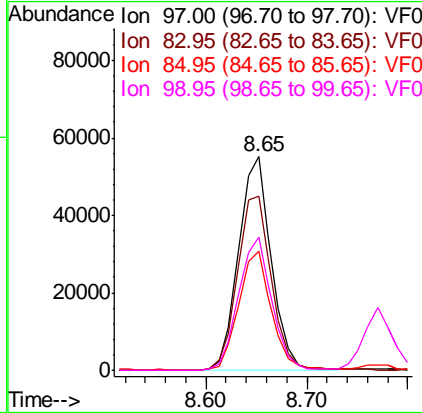
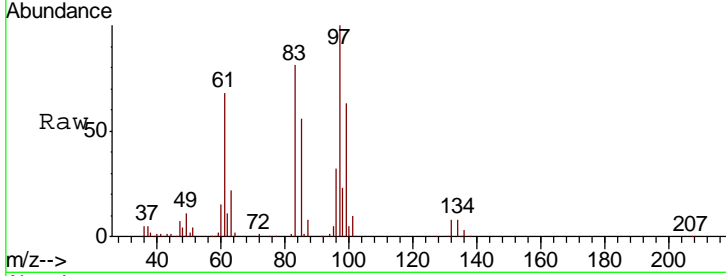
#55  
 1,1,2-Trichloroethane  
 Concen: 68.25 ug/l  
 RT: 8.65 min Scan# 824  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
97	124149		
97	100		
83	81.3	67.4	101.2
85	56.0	46.2	69.2
99	62.6	51.1	76.7

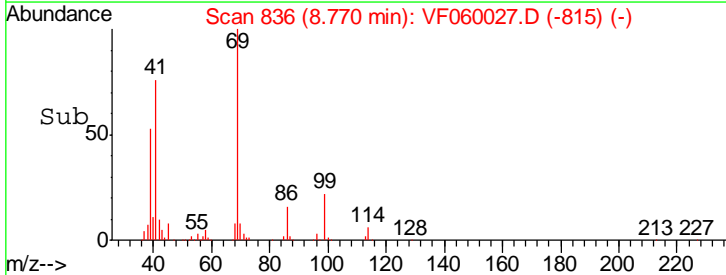
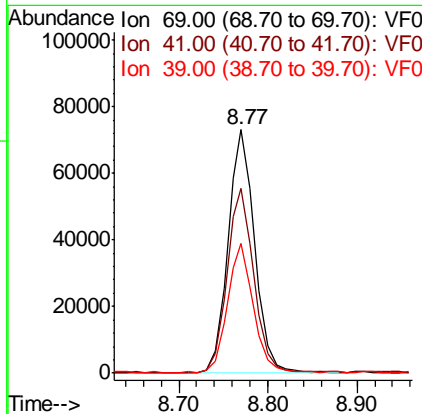
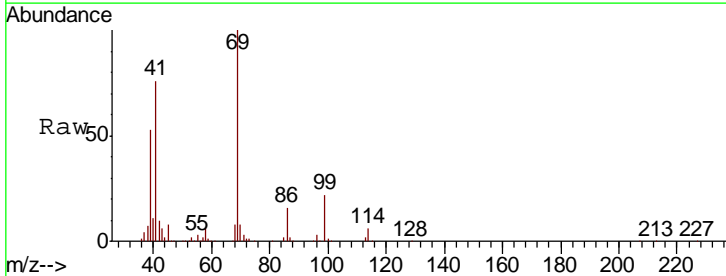
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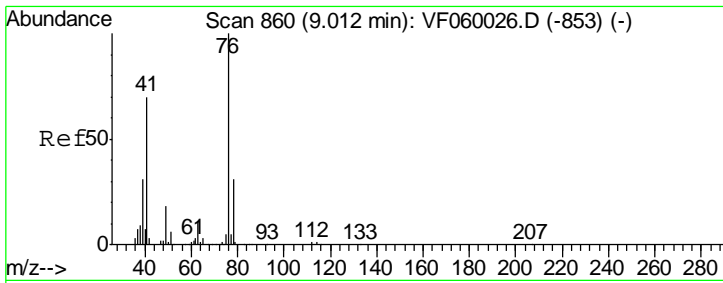


#56  
 Ethyl methacrylate  
 Concen: 72.37 ug/l  
 RT: 8.77 min Scan# 836  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
69	153265		
69	100		
41	75.8	61.6	92.4
39	53.2	43.9	65.9





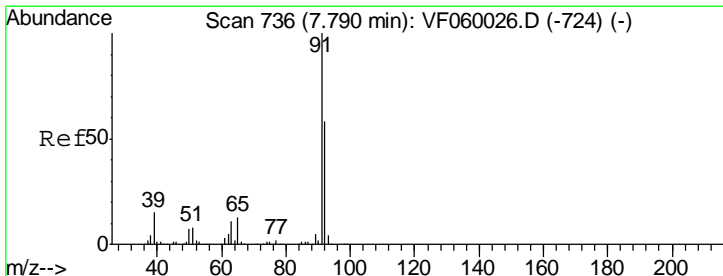
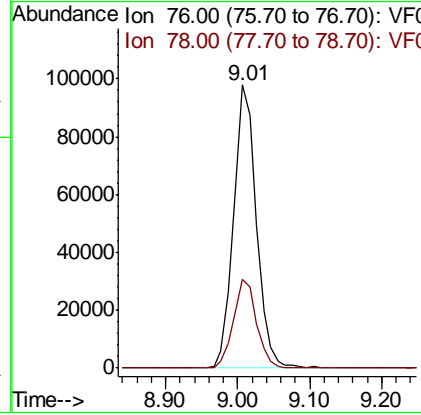
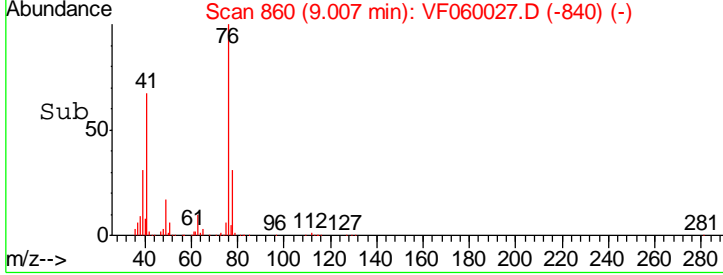
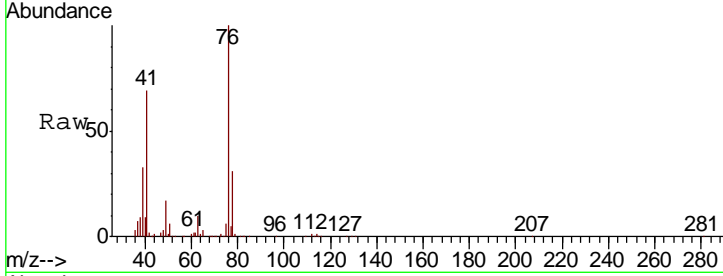


#57  
 1,3-Dichloropropane  
 Concen: 66.61 ug/l  
 RT: 9.01 min Scan# 860  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
76	216480		
76	100		
78	31.3	25.2	37.8

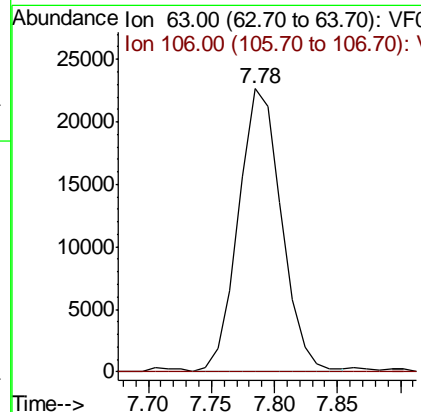
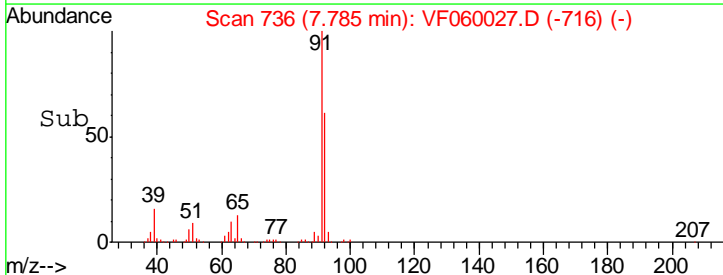
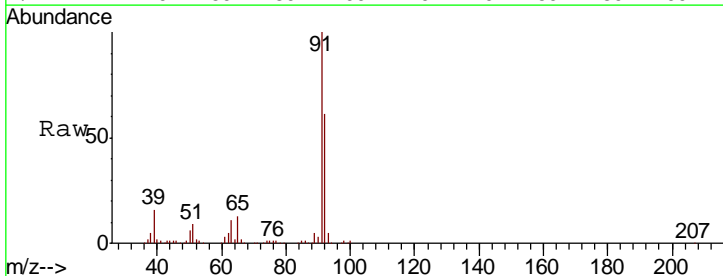
**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC075

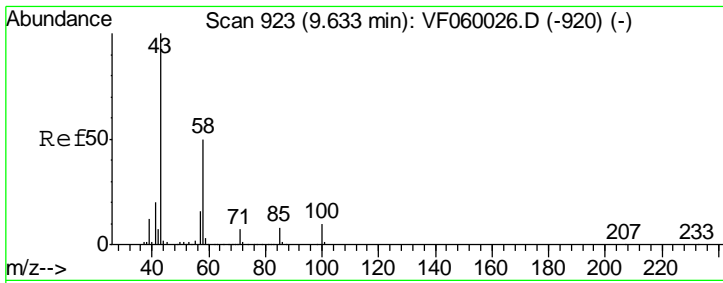
**Manual Integrations**  
**APPROVED**  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 319.00 ug/l  
 RT: 7.78 min Scan# 736  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
63	53626		
63	100		
106	0.0	0.0	0.0



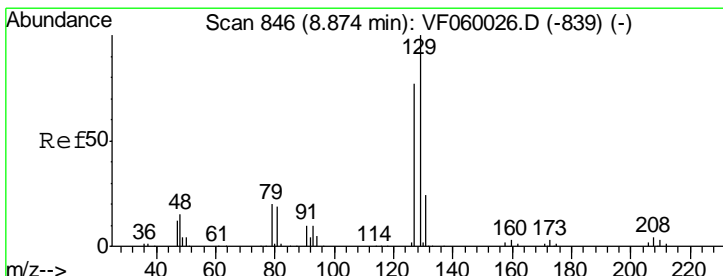
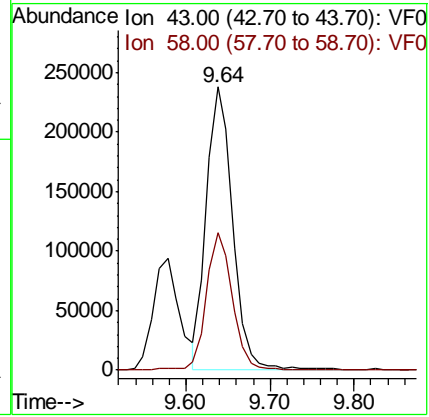
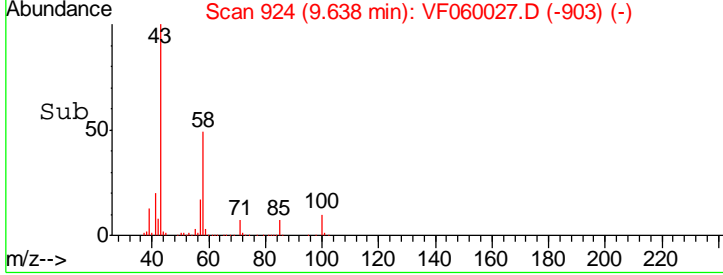
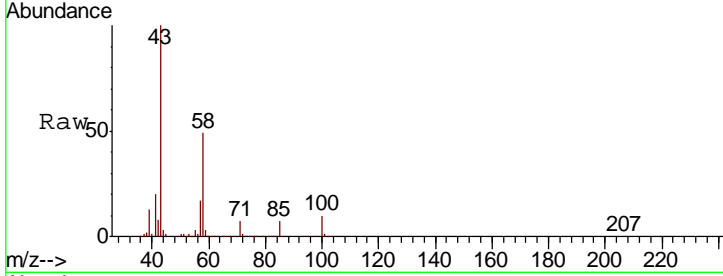


#59  
 2-Hexanone  
 Concen: 305.02 ug/l  
 RT: 9.64 min Scan# 924  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC075

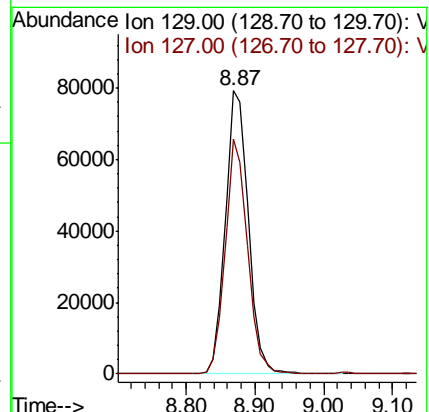
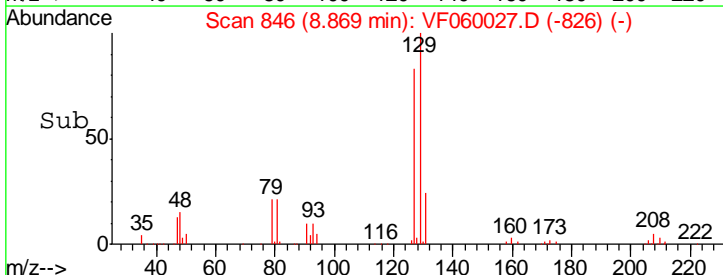
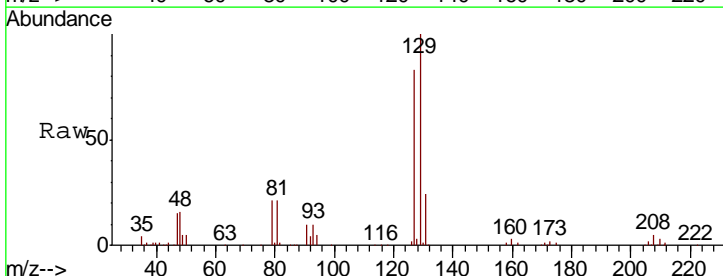
Tgt Ion: 43 Resp: 511700  
 Ion Ratio Lower Upper  
 43 100  
 58 48.7 23.4 70.2

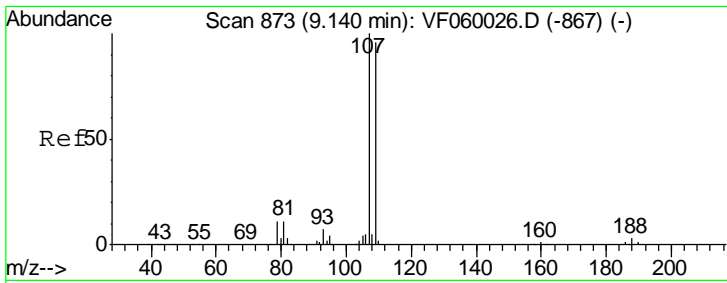
**Manual Integrations**  
**APPROVED**  
 apatel  
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#60  
 Dibromochloromethane  
 Concen: 57.31 ug/l  
 RT: 8.87 min Scan# 846  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion: 129 Resp: 183486  
 Ion Ratio Lower Upper  
 129 100  
 127 82.9 38.6 115.8





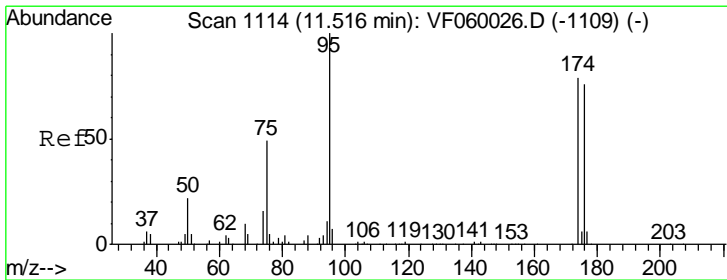
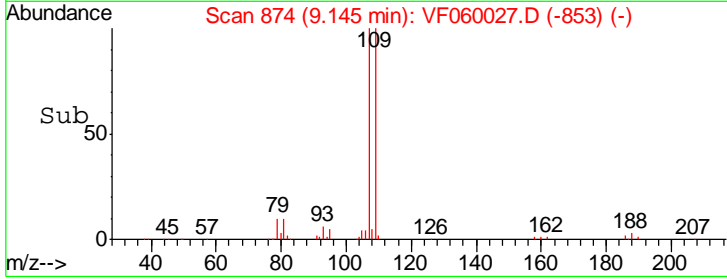
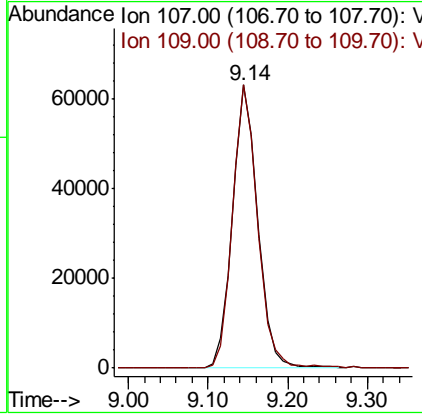
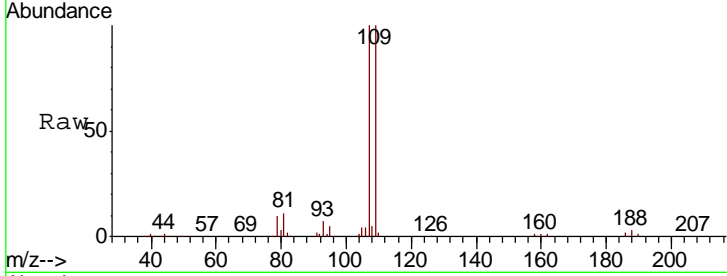
#61  
 1,2-Dibromoethane  
 Concen: 63.08 ug/l  
 RT: 9.14 min Scan# 874  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
107	100		
109	99.9	76.5	114.7

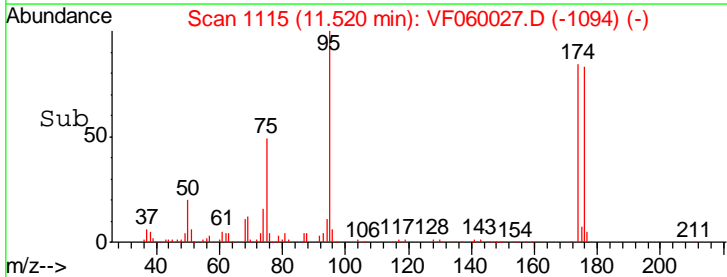
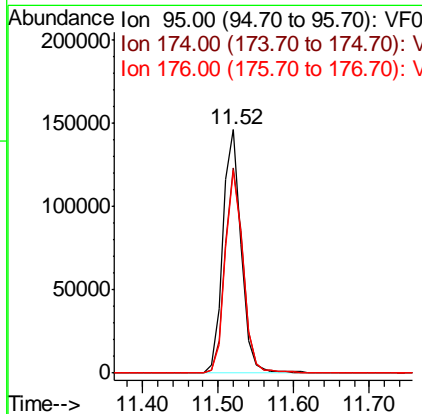
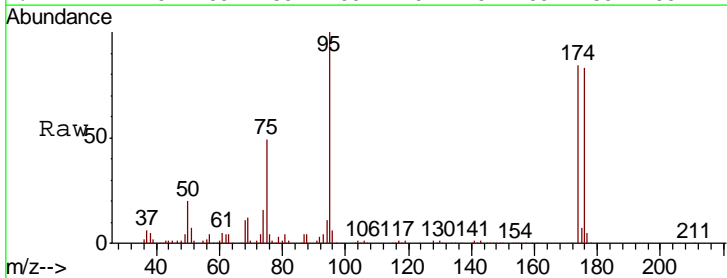
Manual Integrations  
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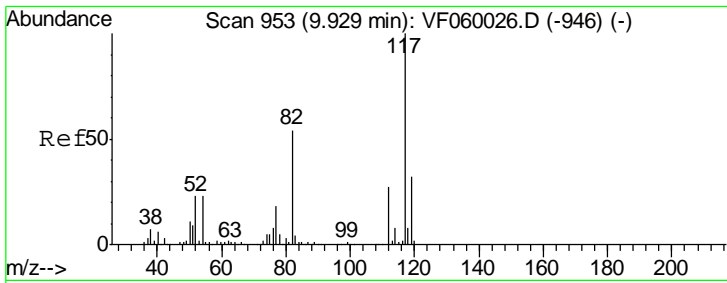
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 57.96 ug/l  
 RT: 11.52 min Scan# 1115  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

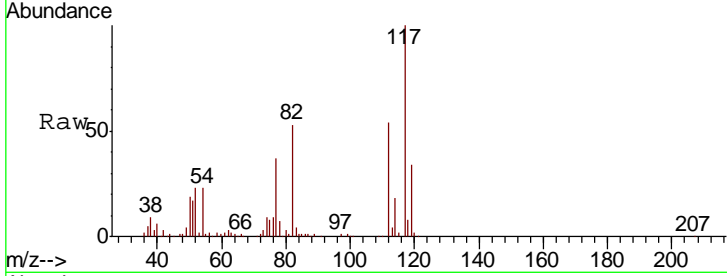
Tgt Ion	Resp	Lower	Upper
95	100		
174	84.3	0.0	158.4
176	83.1	0.0	153.0





#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.93 min Scan# 954  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

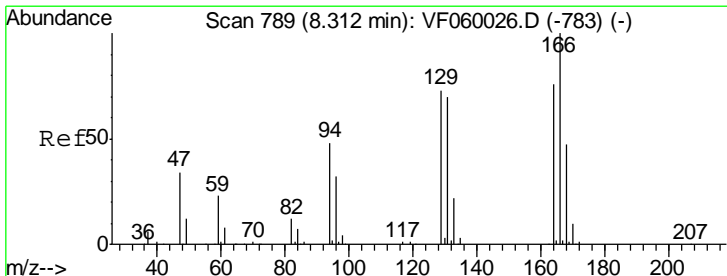
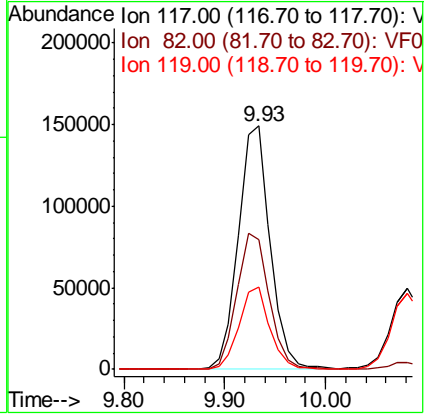
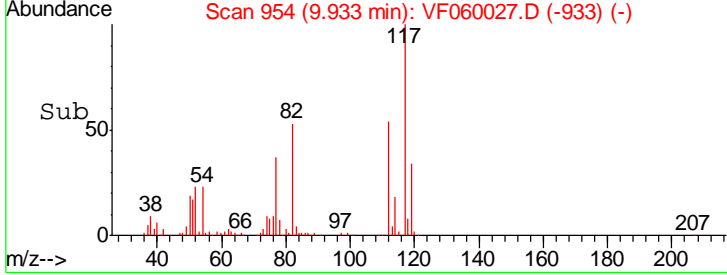
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075



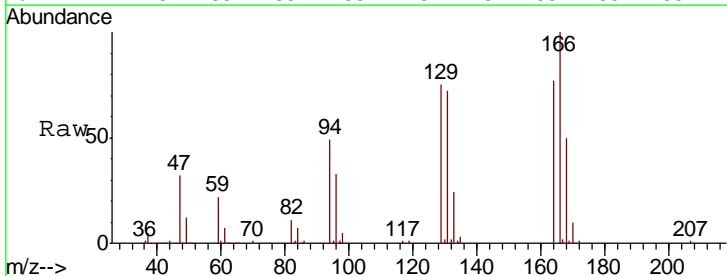
Tgt Ion	Resp	Lower	Upper
117	100		
82	53.4	43.6	65.4
119	33.6	25.6	38.4

Manual Integrations  
 APPROVED

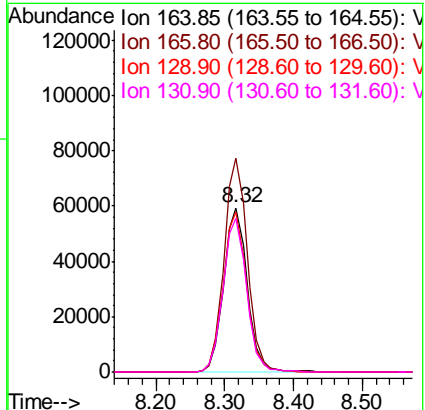
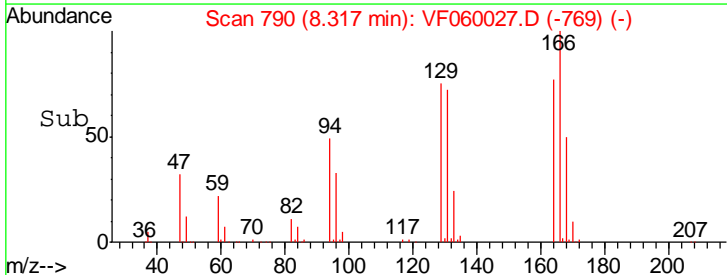
apatel  
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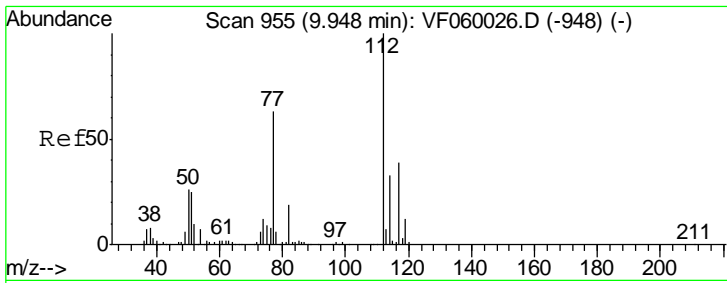


#64  
 Tetrachloroethene  
 Concen: 56.21 ug/l  
 RT: 8.32 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51



Tgt Ion	Resp	Lower	Upper
164	100		
166	130.2	104.7	157.1
129	97.6	77.0	115.4
131	93.6	72.9	109.3





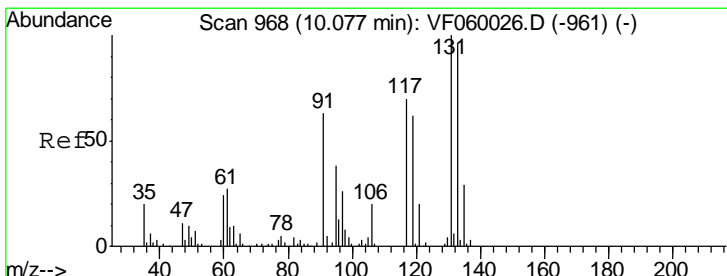
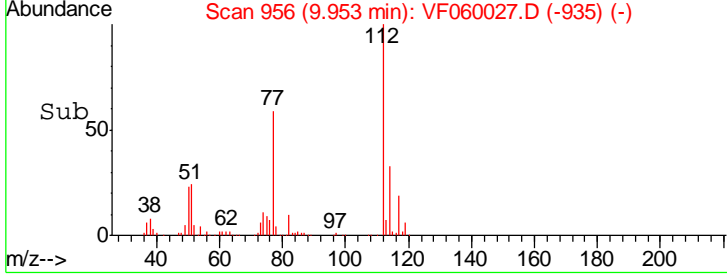
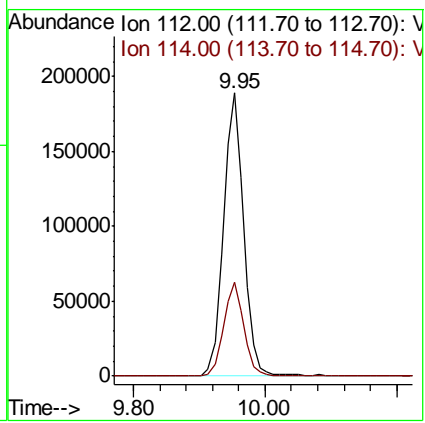
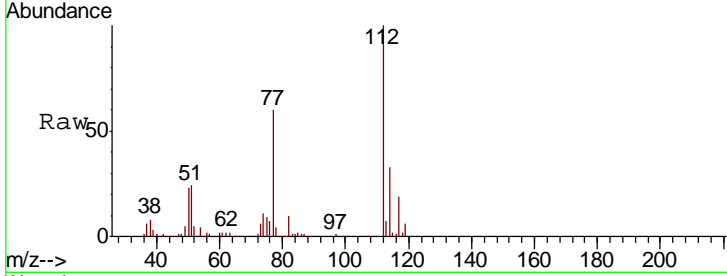
#65  
 Chlorobenzene  
 Concen: 62.58 ug/l  
 RT: 9.95 min Scan# 956  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion: 112 Resp: 404879

Ion	Ratio	Lower	Upper
112	100		
114	33.2	26.2	39.2

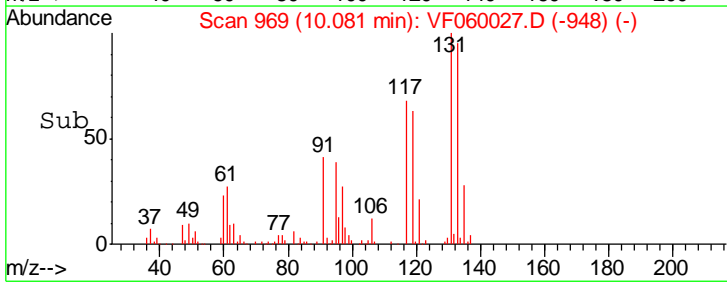
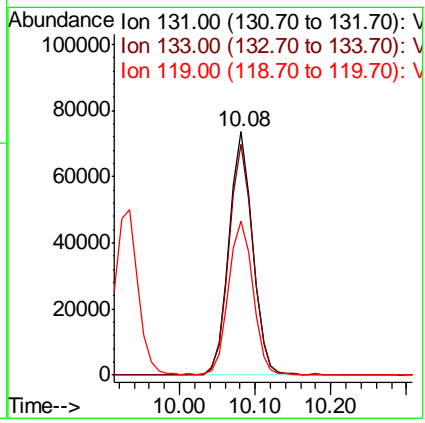
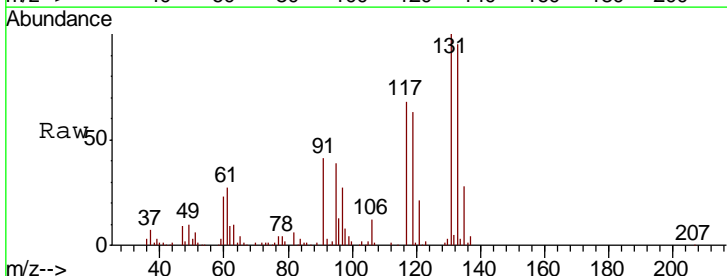
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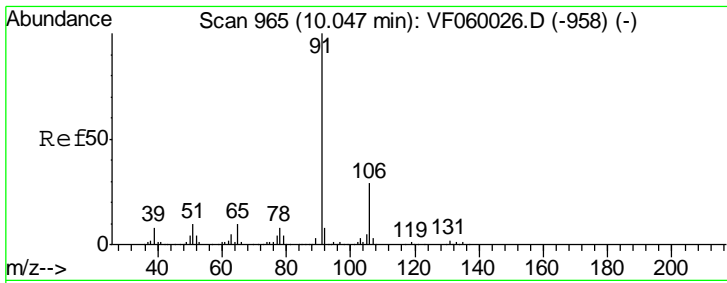


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 54.70 ug/l  
 RT: 10.08 min Scan# 969  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion: 131 Resp: 158317

Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.2	144.6
119	63.2	31.4	94.2



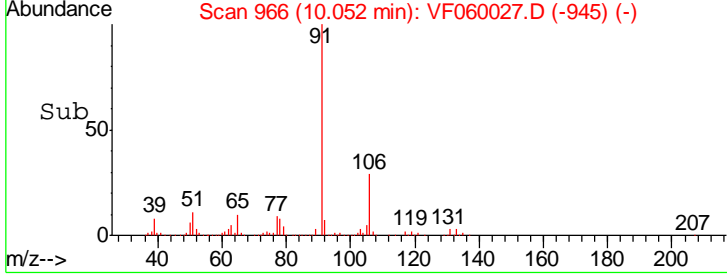
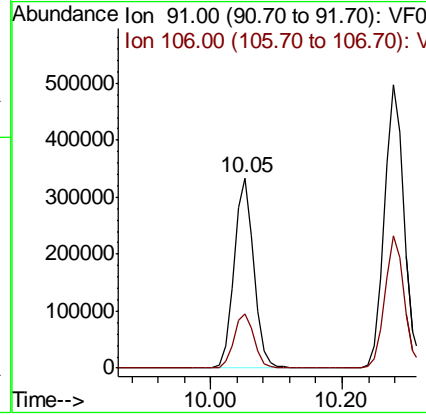
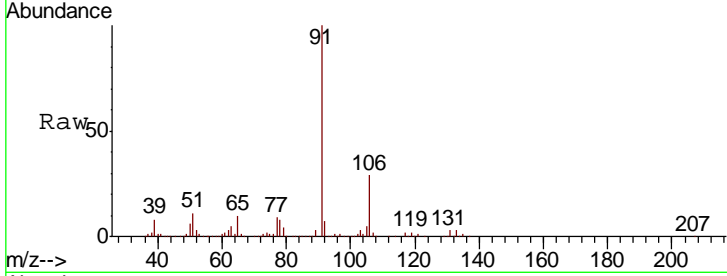


#67  
 Ethyl Benzene  
 Concen: 60.35 ug/l  
 RT: 10.05 min Scan# 966  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

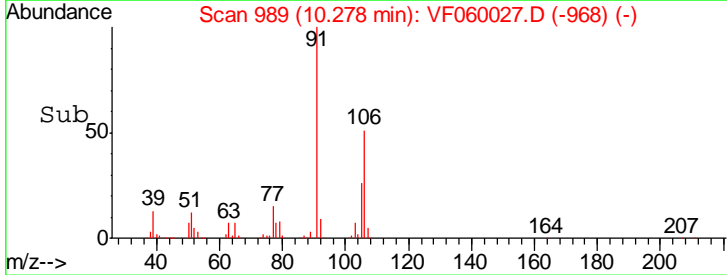
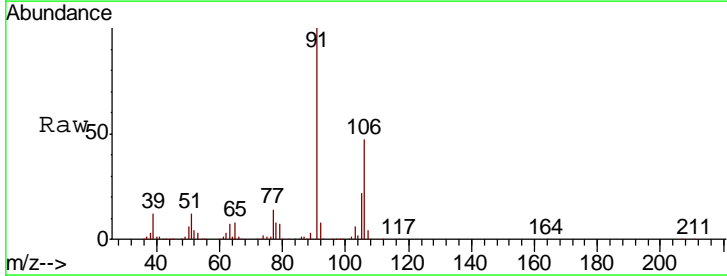
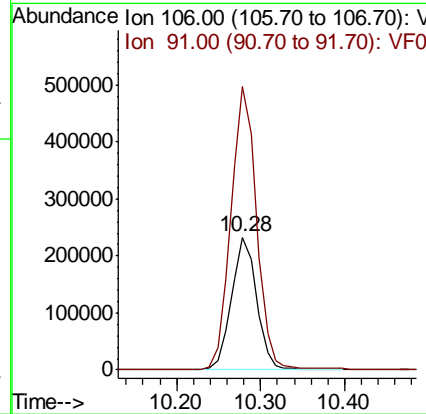
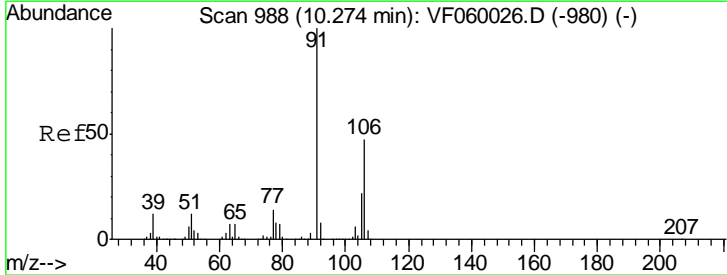
Tgt Ion: 91 Resp: 703030  
 Ion Ratio Lower Upper  
 91 100  
 106 28.7 23.6 35.4

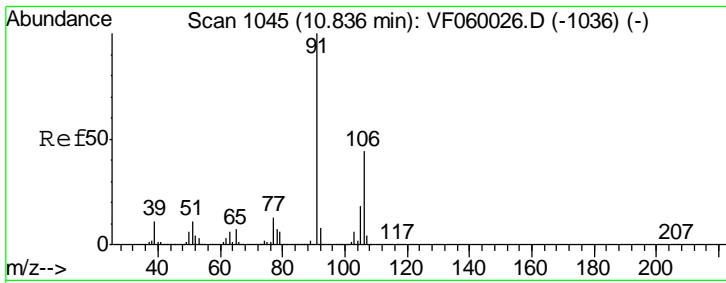
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#68  
 m/p-Xylenes  
 Concen: 119.01 ug/l  
 RT: 10.28 min Scan# 989  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion: 106 Resp: 488546  
 Ion Ratio Lower Upper  
 106 100  
 91 212.9 171.8 257.8





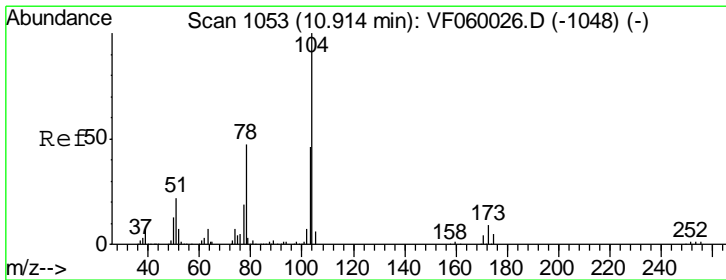
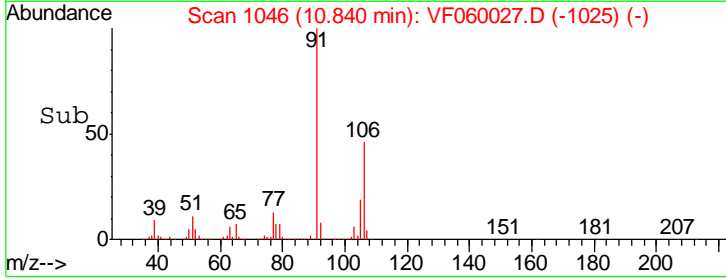
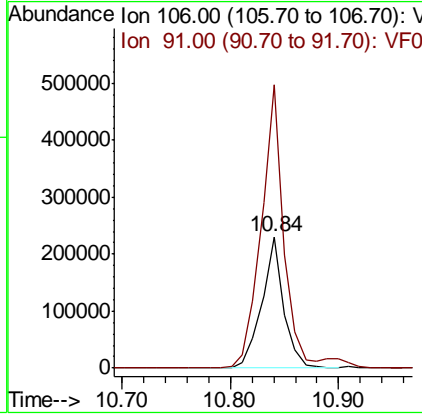
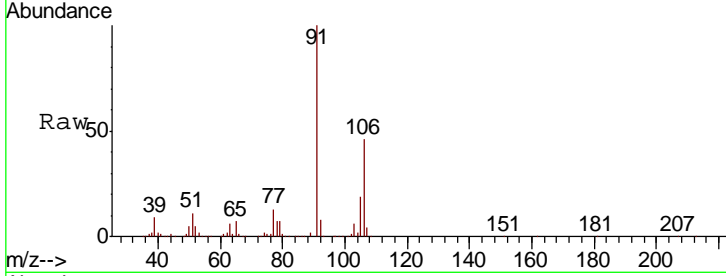
#69  
 o-Xylene  
 Concen: 78.14 ug/l  
 RT: 10.84 min Scan# 1046  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
106	328267		
106	100		
91	215.9	112.5	337.5

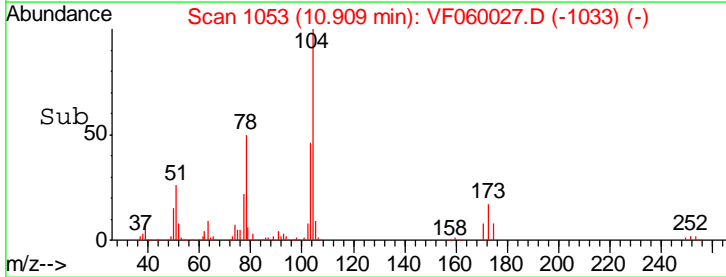
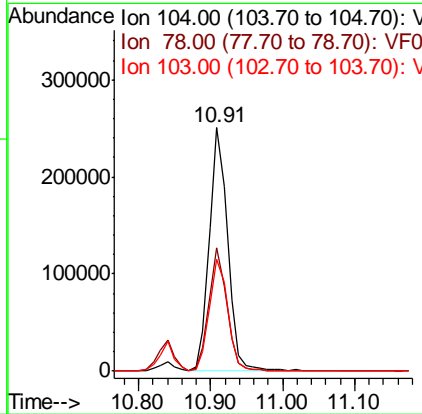
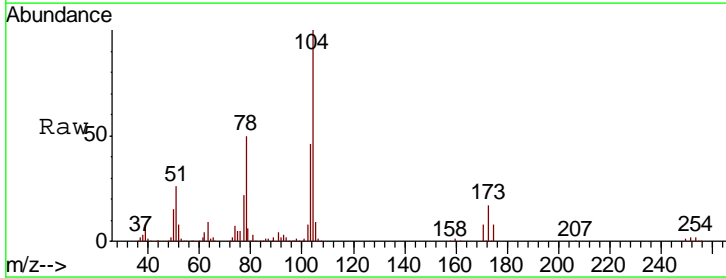
Manual Integrations  
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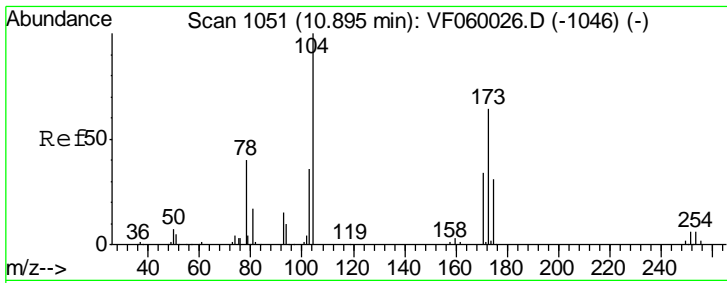
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#70  
 Styrene  
 Concen: 65.50 ug/l  
 RT: 10.91 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
104	438915		
104	100		
78	50.4	38.0	57.0
103	45.7	37.6	56.4





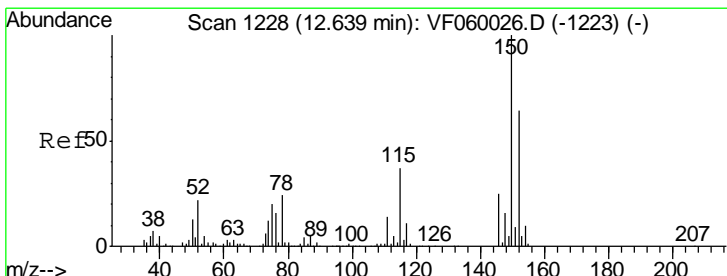
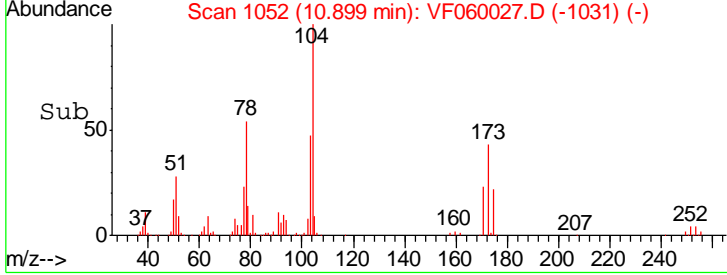
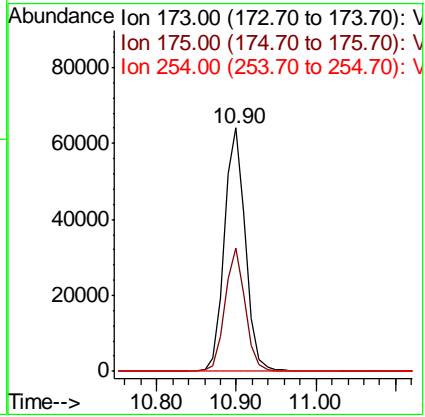
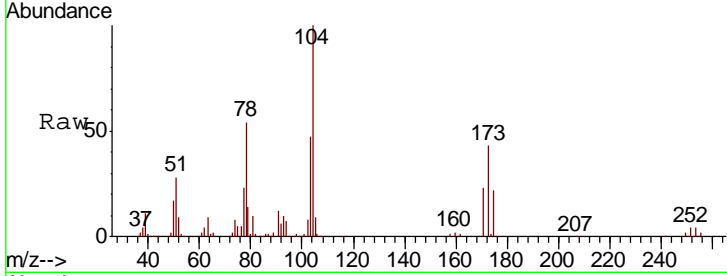
#71  
 Bromoform  
 Concen: 55.82 ug/l  
 RT: 10.90 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
173	119242		
173	100		
175	50.5	24.7	74.1
254	0.0	0.0	0.0

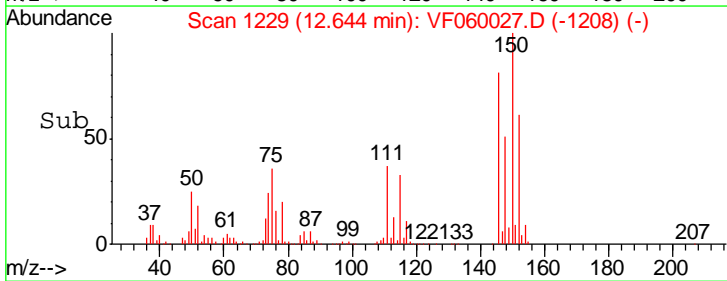
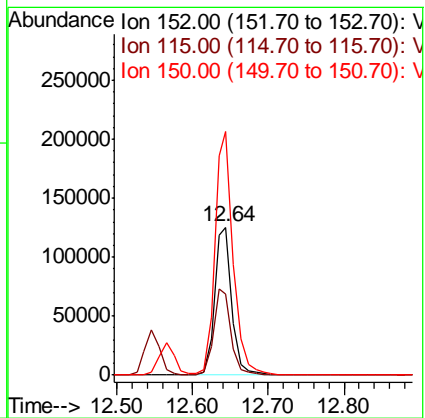
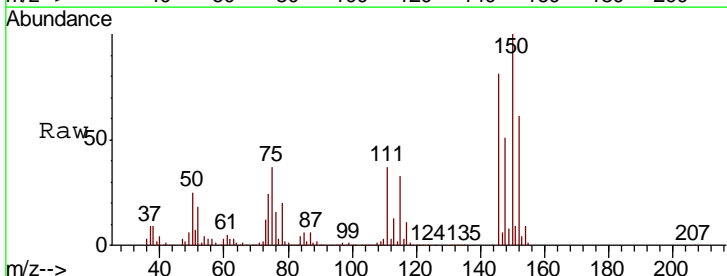
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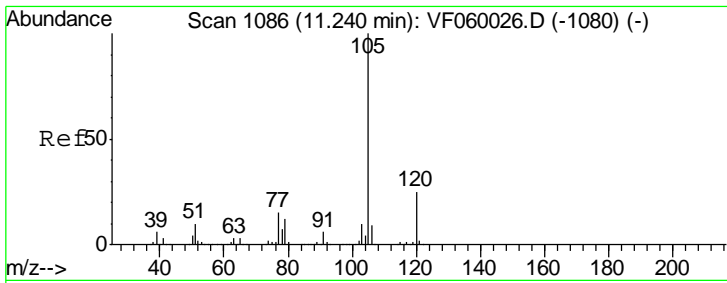


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.64 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
152	201534		
152	100		
115	55.2	28.6	85.9
150	164.9	0.0	312.0





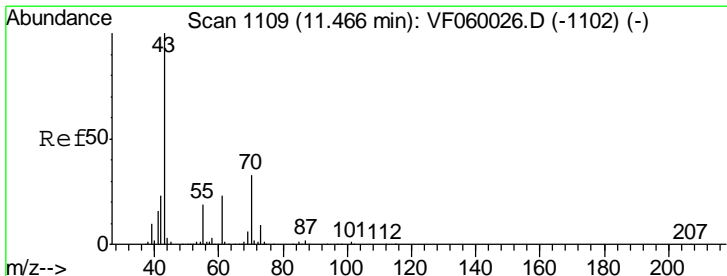
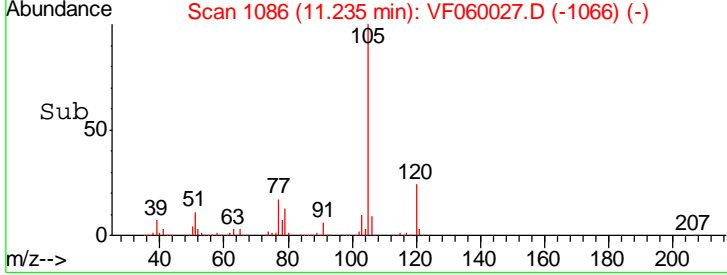
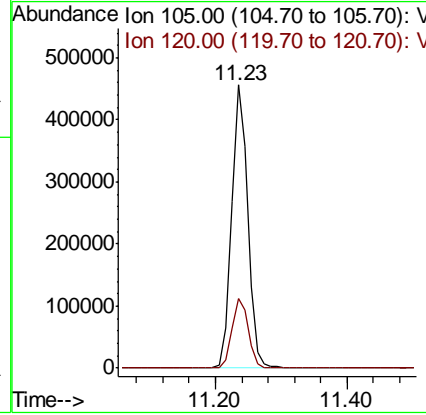
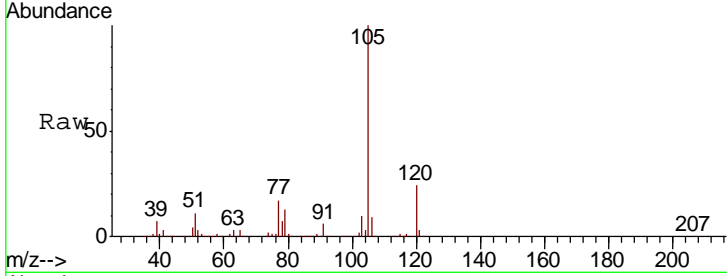


#73  
 Isopropylbenzene  
 Concen: 64.92 ug/l  
 RT: 11.23 min Scan# 1086  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

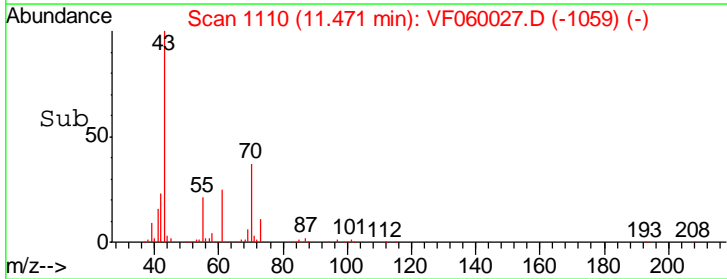
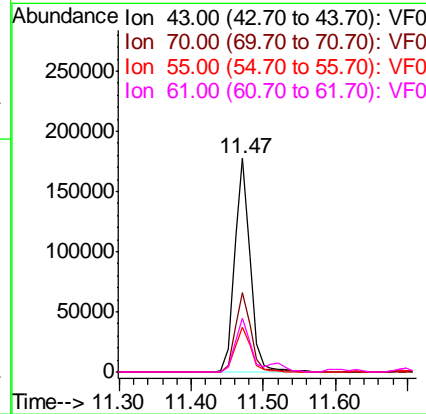
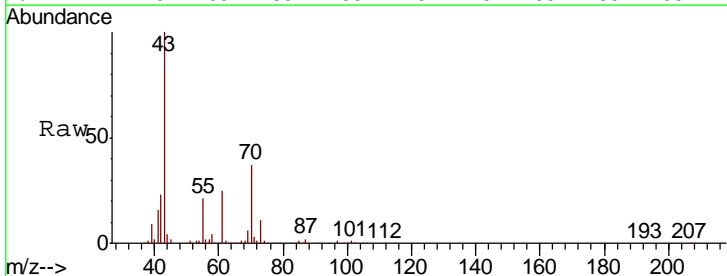
Tgt Ion	Resp	Lower	Upper
105	100		
120	24.5	12.7	38.0

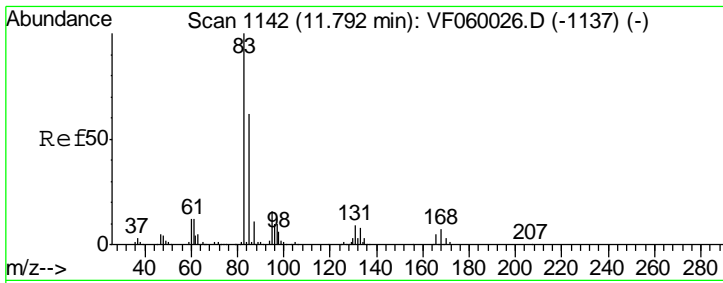
Manual Integrations  
**APPROVED**  
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#74  
 N-amyl acetate  
 Concen: 75.95 ug/l  
 RT: 11.47 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
43	100		
70	36.9	26.4	39.6
55	20.8	15.0	22.4
61	25.4	18.4	27.6



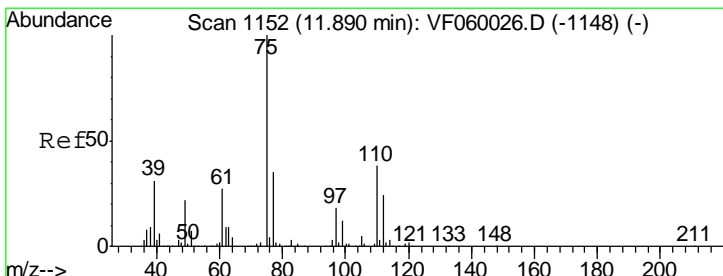
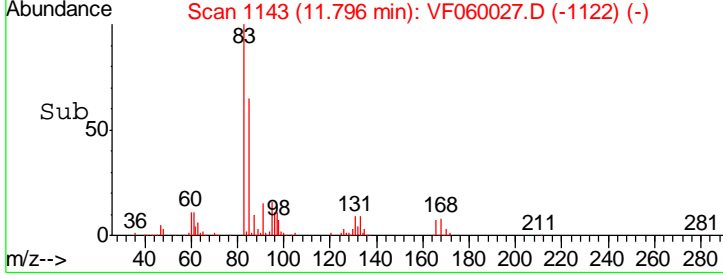
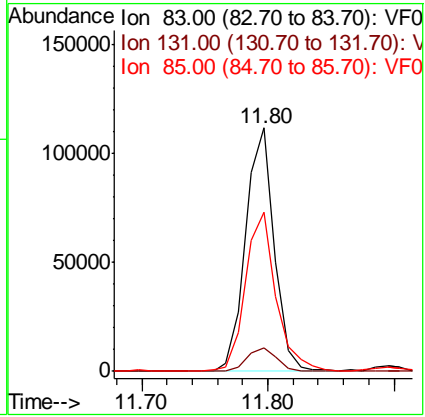
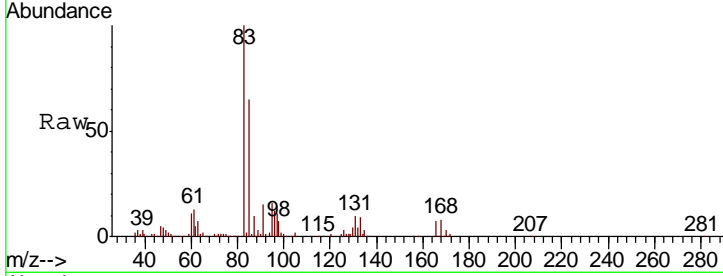


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 72.17 ug/l  
 RT: 11.80 min Scan# 1143  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC075

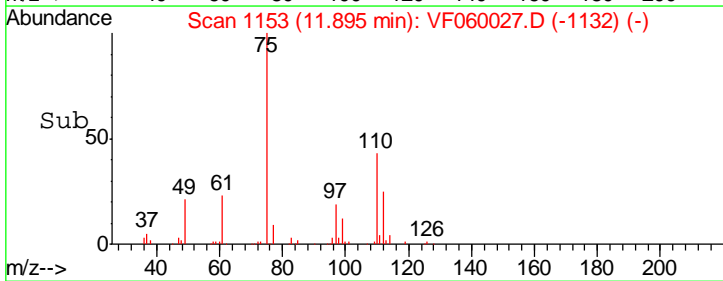
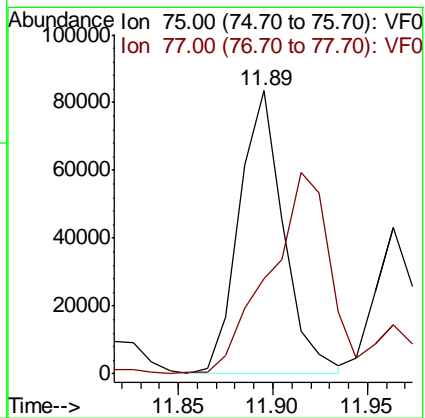
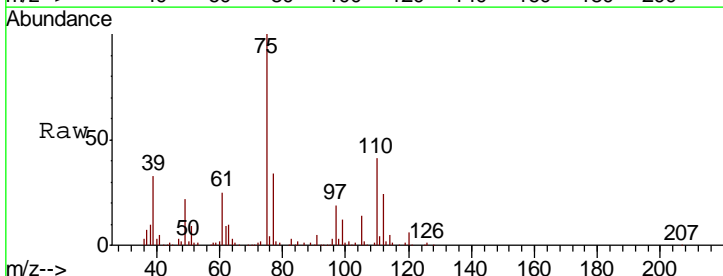
Tgt Ion	Resp	Lower	Upper
83	175967		
131	9.5	4.5	13.7
85	65.3	31.3	93.9

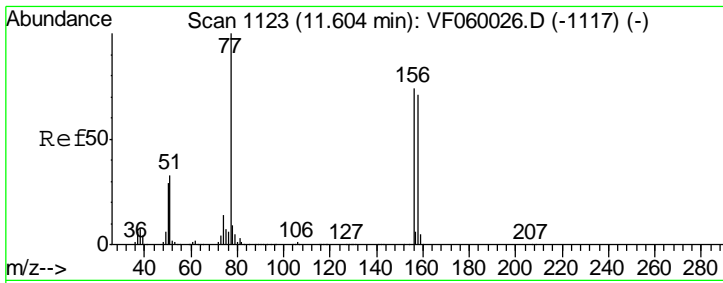
**Manual Integrations**  
**APPROVED**  
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#76  
 1,2,3-Trichloropropane  
 Concen: 64.32 ug/l  
 RT: 11.89 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
75	135018		
77	33.6	17.3	52.0





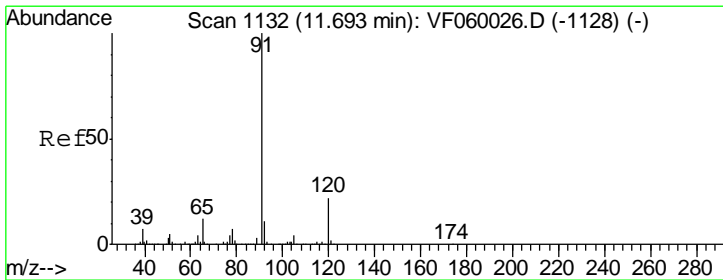
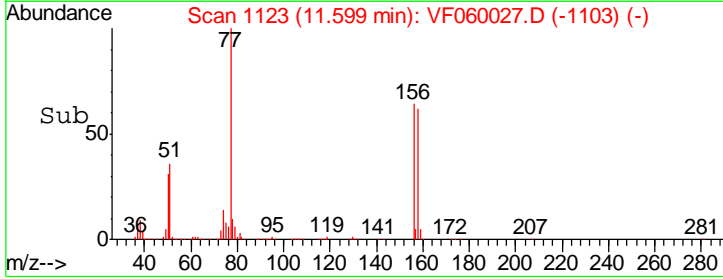
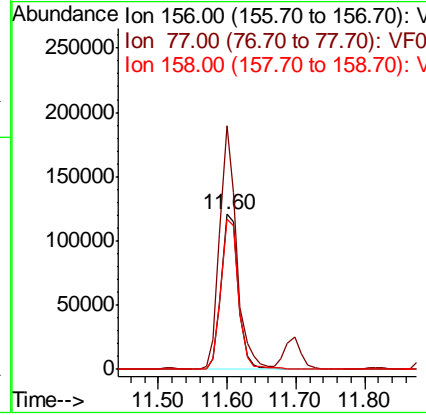
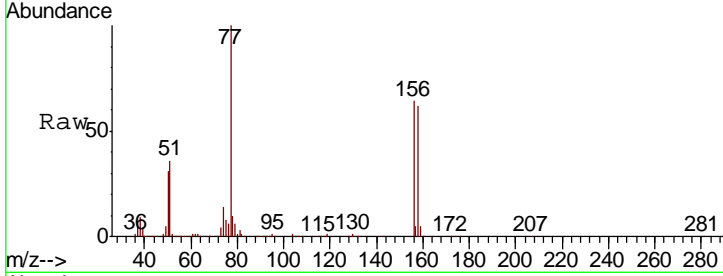
#77  
 Bromobenzene  
 Concen: 62.67 ug/l  
 RT: 11.60 min Scan# 1123  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
156	211300		
77	156.9	68.0	204.0
158	96.9	48.4	145.3

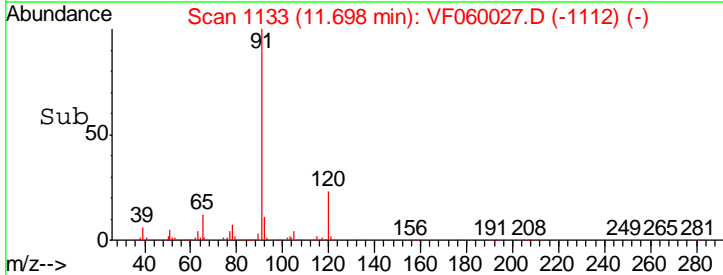
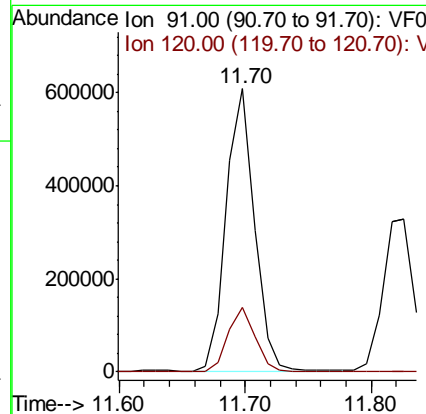
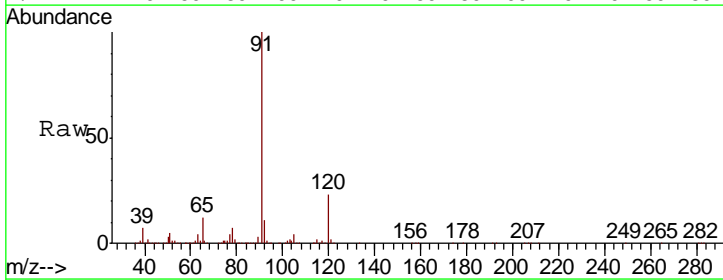
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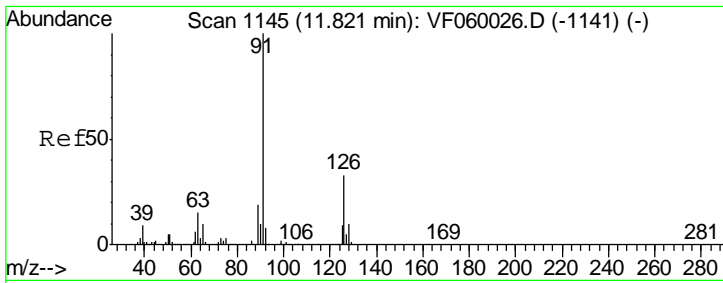
apatel  
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#78  
 n-propylbenzene  
 Concen: 62.63 ug/l  
 RT: 11.70 min Scan# 1133  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
91	945314		
120	22.7	10.9	32.7



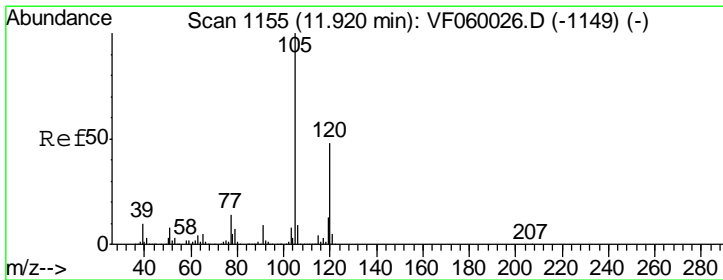
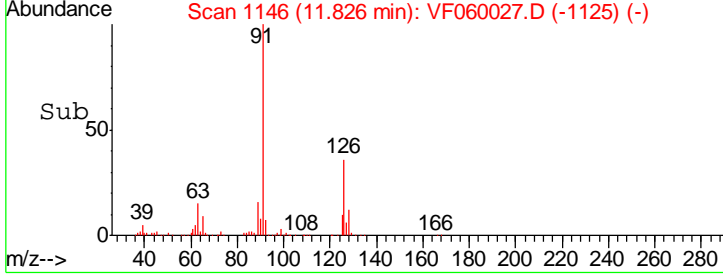
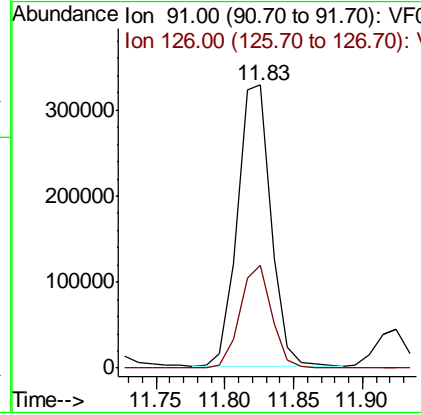
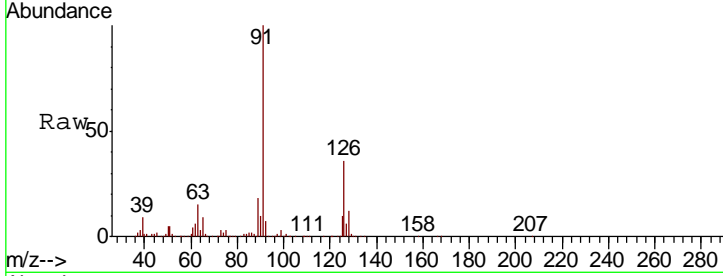


#79  
 2-Chlorotoluene  
 Concen: 60.99 ug/l  
 RT: 11.83 min Scan# 1146  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

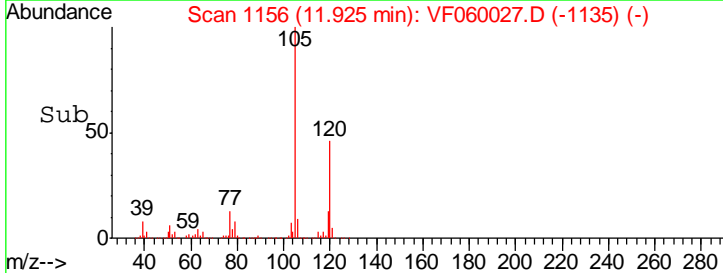
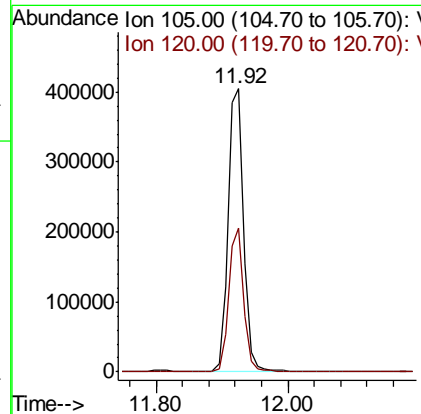
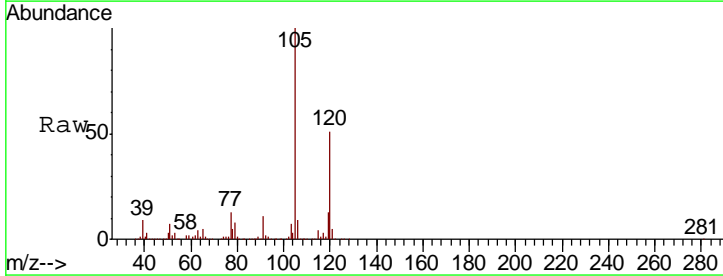
Tgt Ion	Resp	Lower	Upper
91	100		
126	36.3	16.6	49.7

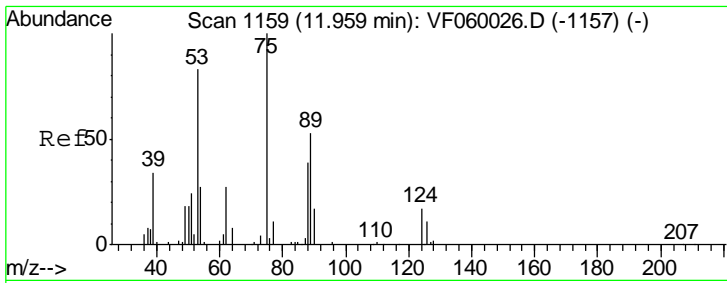
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 61.28 ug/l  
 RT: 11.92 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
105	100		
120	50.7	23.8	71.5





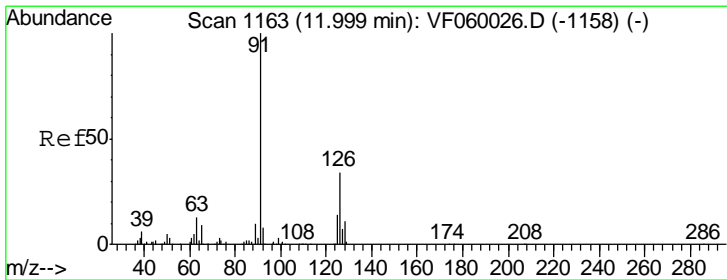
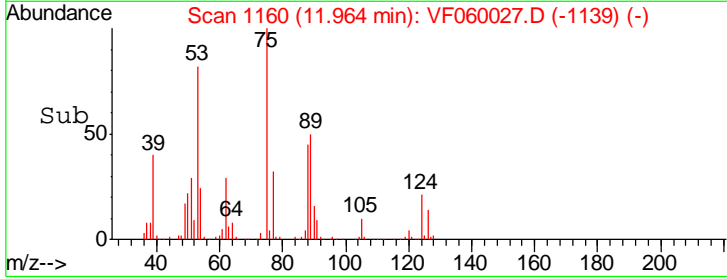
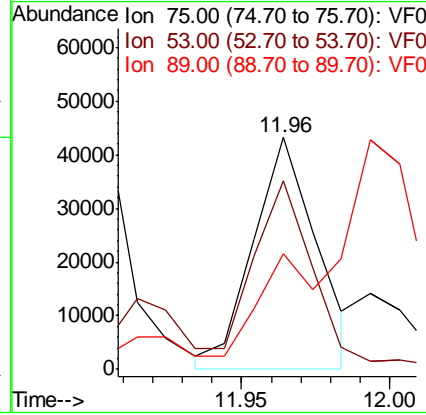
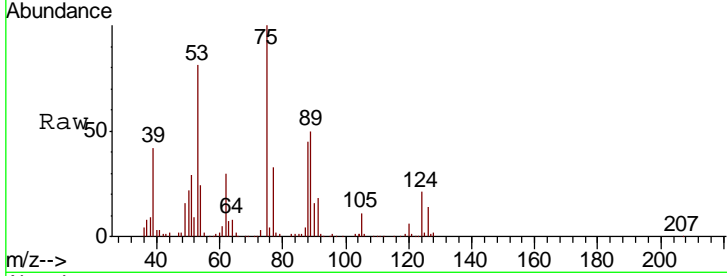
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 72.64 ug/l m  
 RT: 11.96 min Scan# 1160  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 Client Sampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
75	64339		
75	100		
53	81.2	66.2	99.4
89	49.9	42.8	64.2

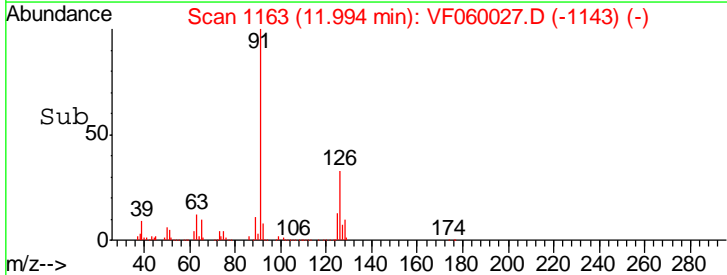
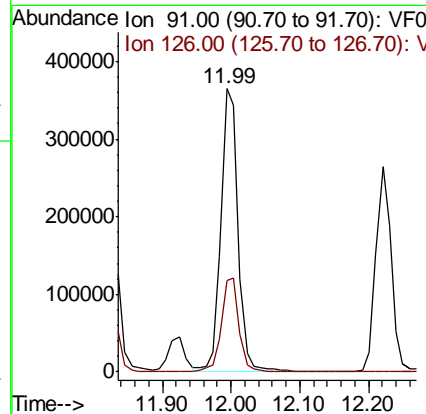
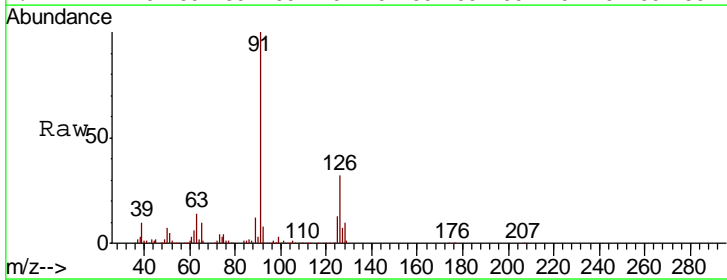
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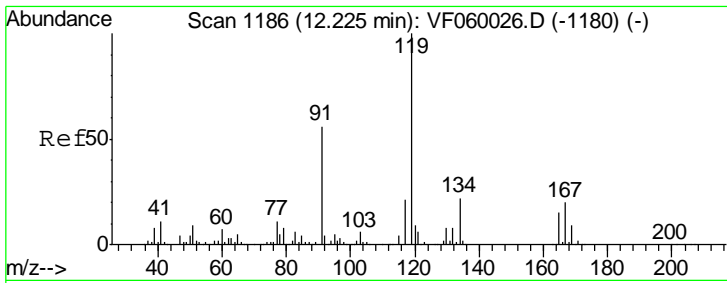
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#82  
 4-Chlorotoluene  
 Concen: 63.00 ug/l  
 RT: 11.99 min Scan# 1163  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
91	624113		
91	100		
126	32.2	17.0	50.9





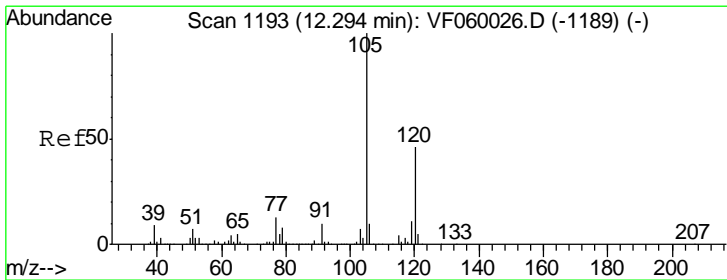
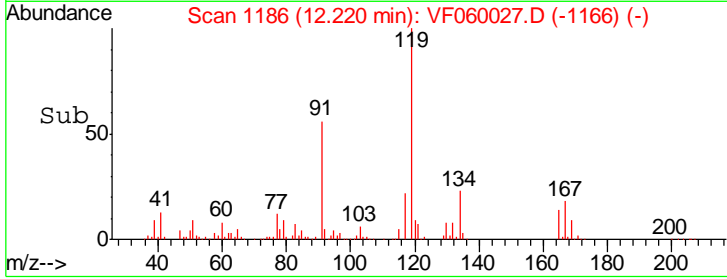
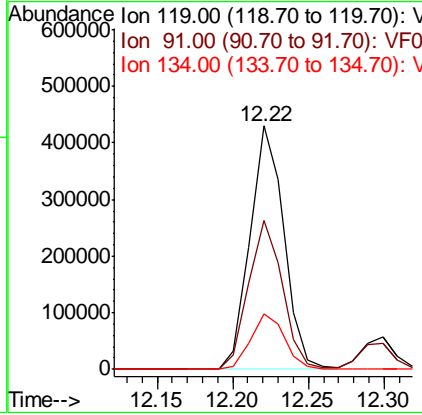
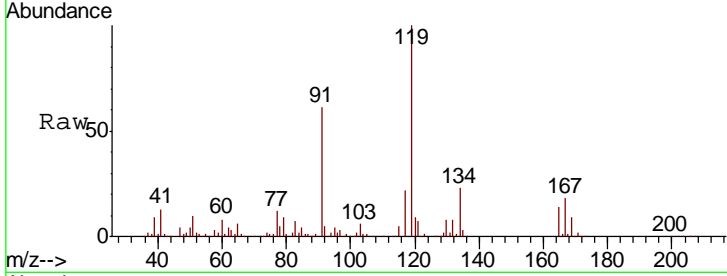
#83  
 tert-Butylbenzene  
 Concen: 63.52 ug/l  
 RT: 12.22 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
119	100		
91	61.4	28.1	84.3
134	22.5	11.1	33.3

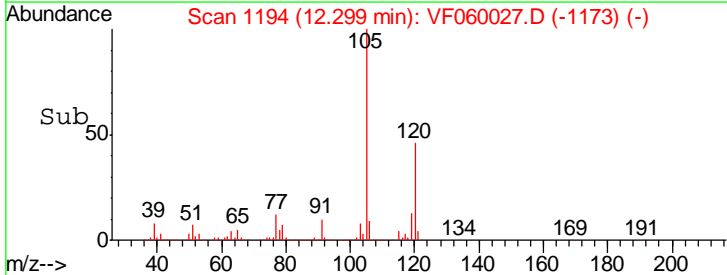
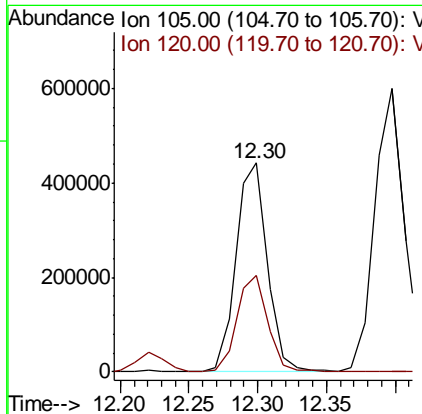
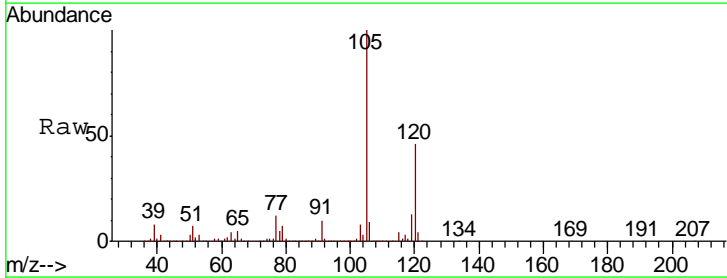
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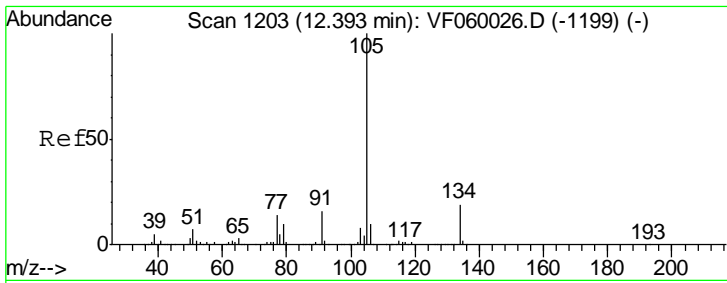
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 61.24 ug/l  
 RT: 12.30 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
105	100		
120	46.0	23.3	69.8





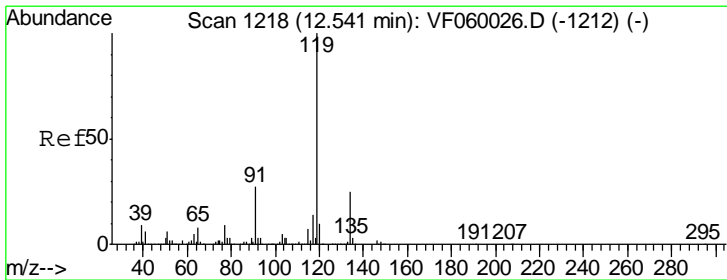
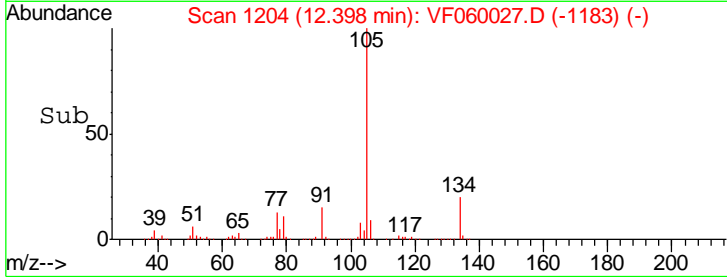
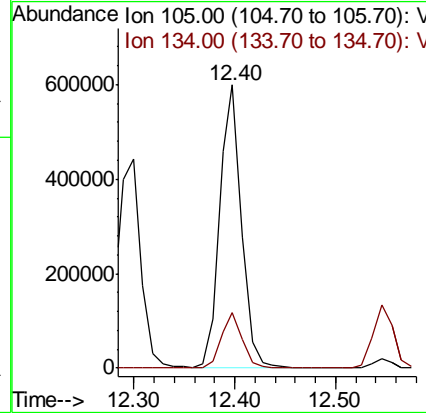
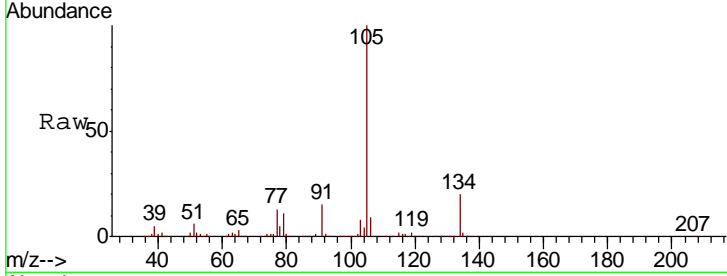
#85  
 sec-Butylbenzene  
 Concen: 63.34 ug/l  
 RT: 12.40 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
105	899830		
134	19.5	9.3	27.9

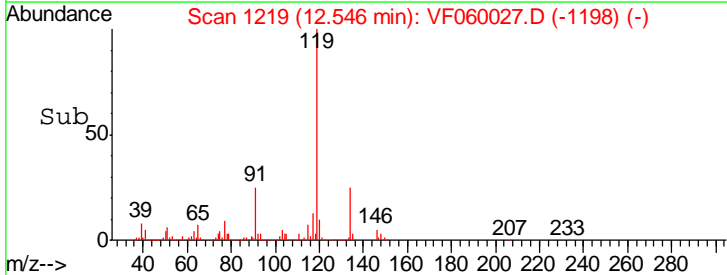
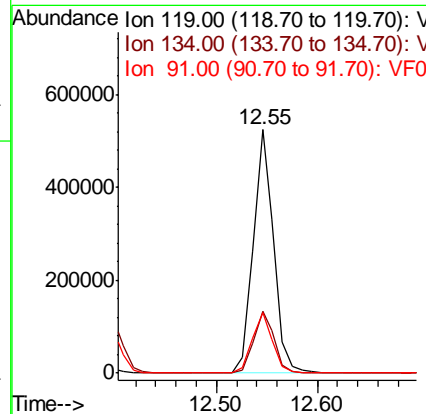
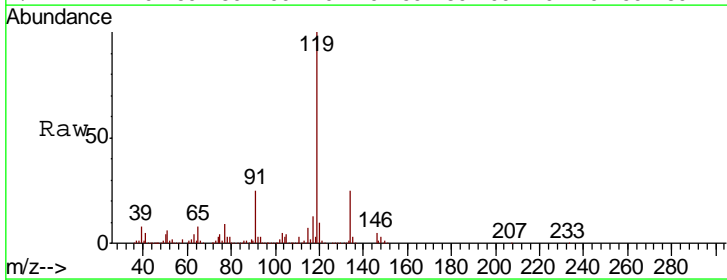
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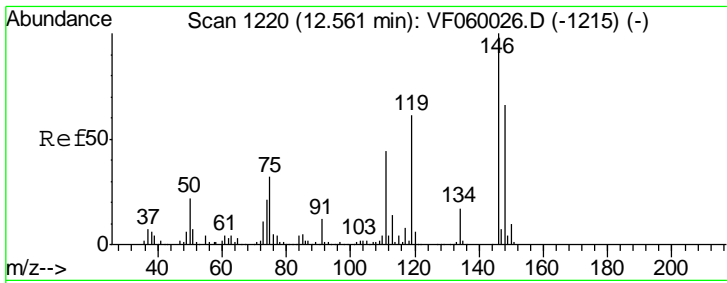
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#86  
 p-Isopropyltoluene  
 Concen: 58.67 ug/l  
 RT: 12.55 min Scan# 1219  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
119	737037		
134	25.4	12.4	37.2
91	25.0	13.5	40.4





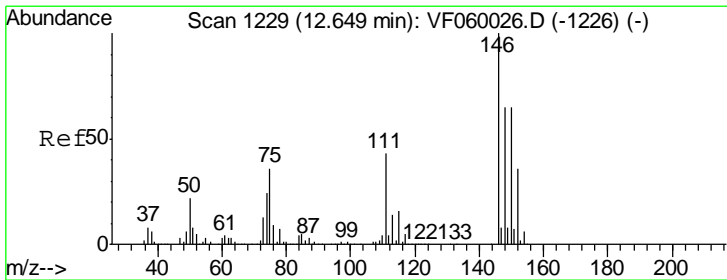
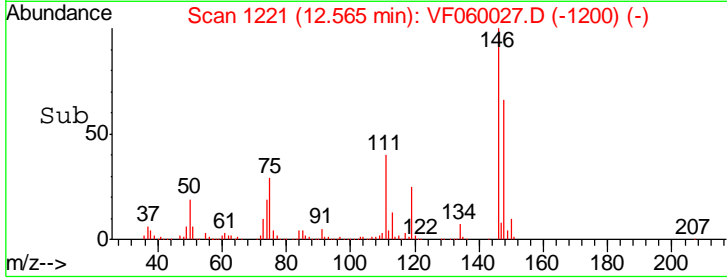
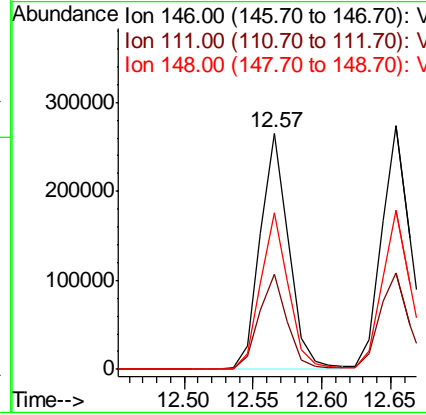
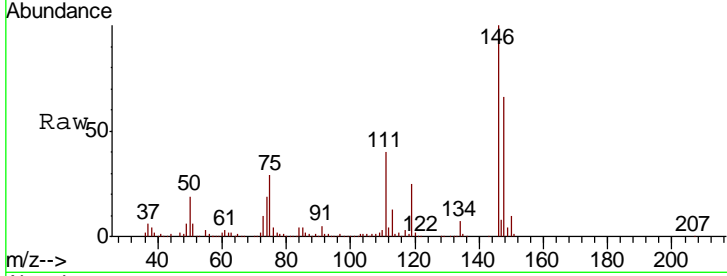
#87  
 1,3-Dichlorobenzene  
 Concen: 60.08 ug/l  
 RT: 12.57 min Scan# 1221  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
146	100		
111	40.2	21.9	65.5
148	66.0	32.9	98.7

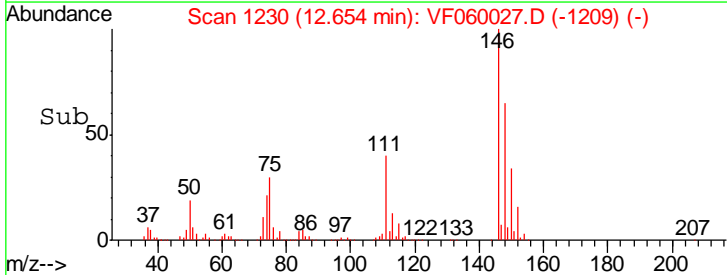
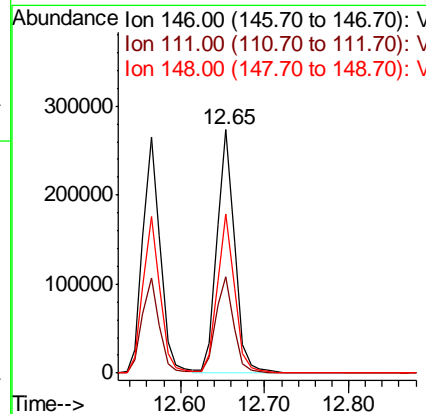
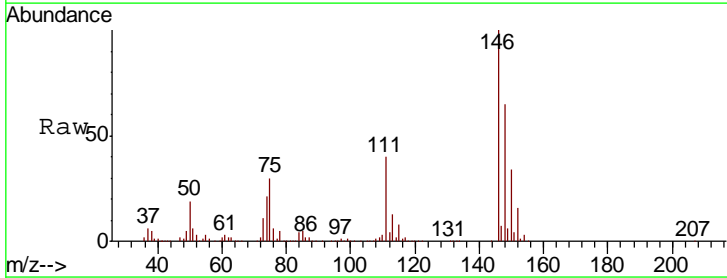
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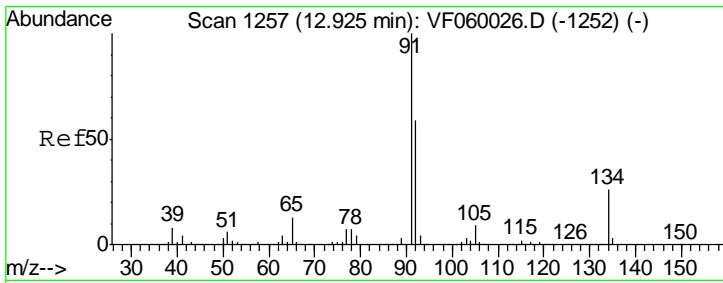


#88  
 1,4-Dichlorobenzene  
 Concen: 64.07 ug/l  
 RT: 12.65 min Scan# 1230  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
146	100		
111	39.8	21.6	64.8
148	65.2	32.3	96.8







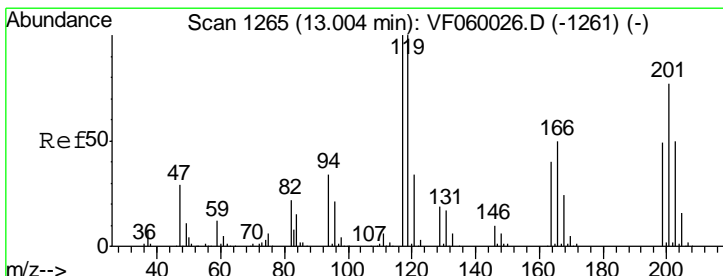
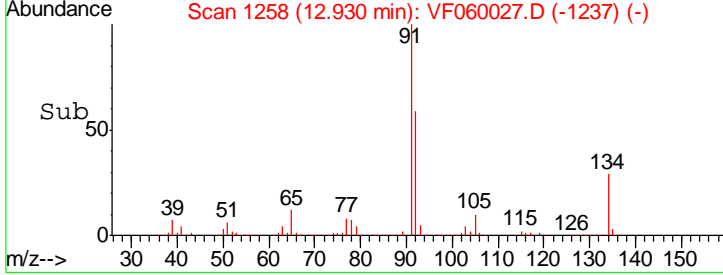
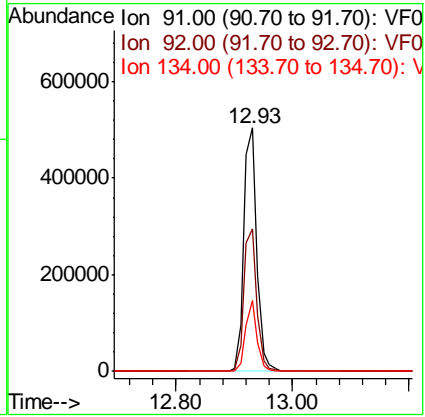
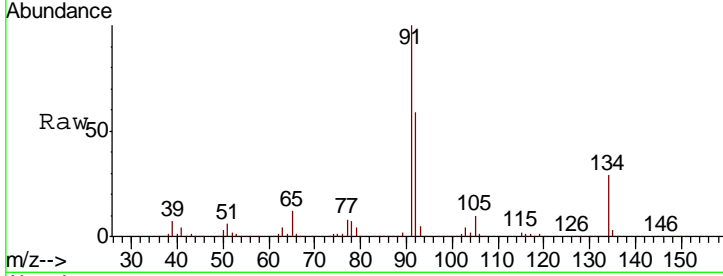
#89  
 n-Butylbenzene  
 Concen: 64.31 ug/l  
 RT: 12.93 min Scan# 1258  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
91	100		
92	58.8	29.3	87.9
134	29.0	12.8	38.3

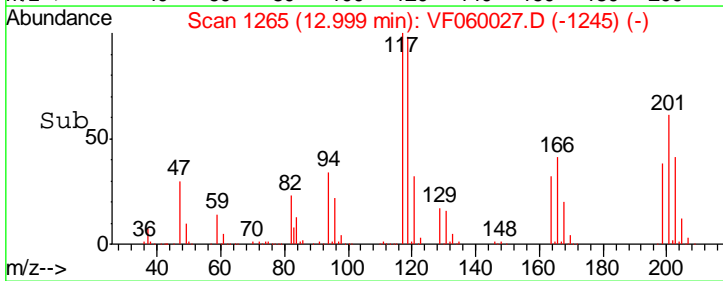
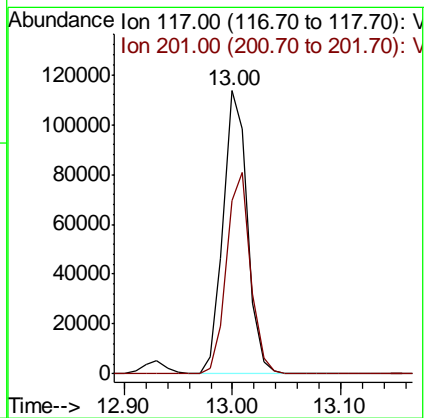
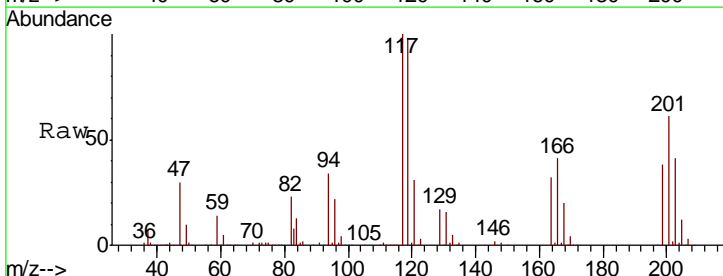
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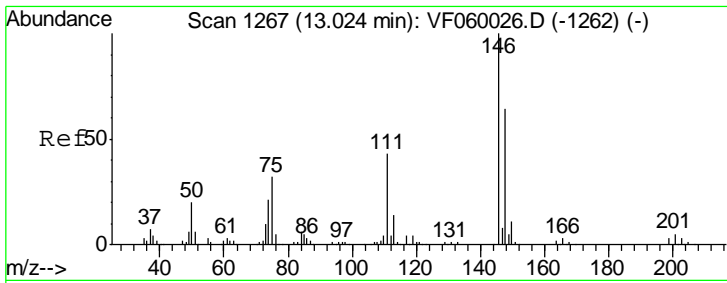
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#90  
 Hexachloroethane  
 Concen: 63.66 ug/l  
 RT: 13.00 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
117	100		
201	61.0	38.6	115.8





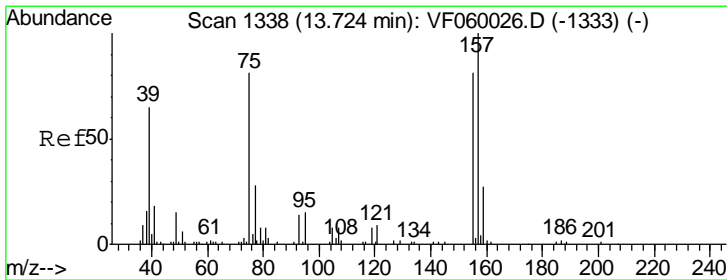
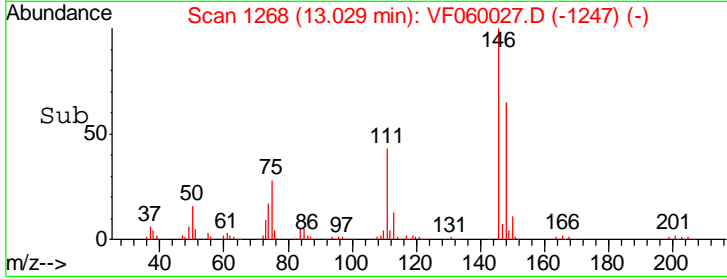
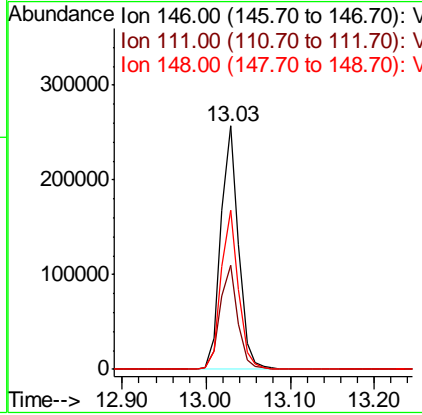
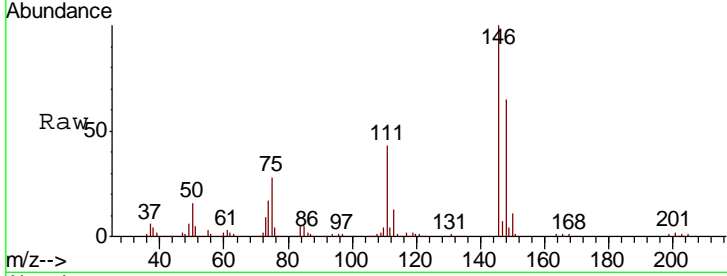
#91  
 1,2-Dichlorobenzene  
 Concen: 61.19 ug/l  
 RT: 13.03 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
146	375183		
146	100		
111	42.5	21.6	64.6
148	65.5	32.3	96.8

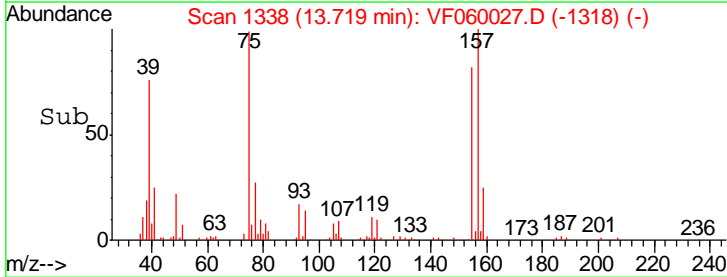
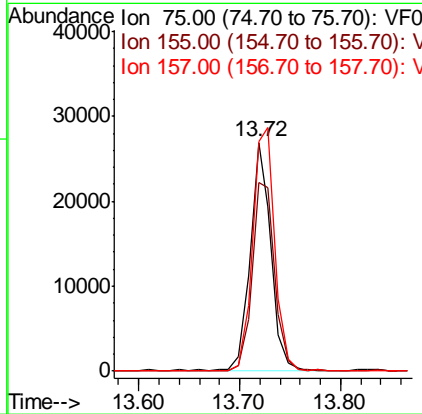
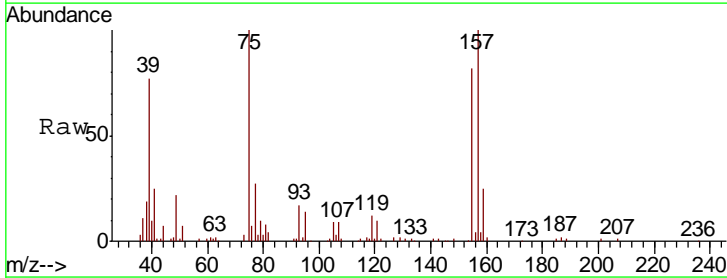
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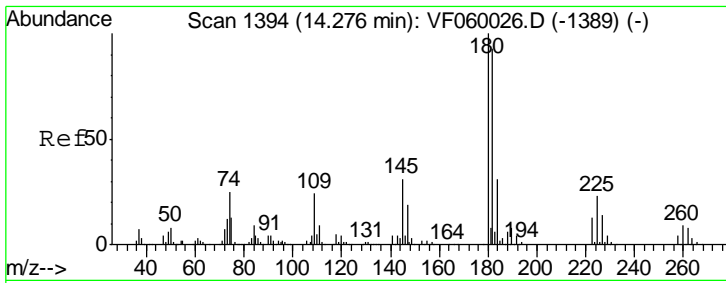
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 60.86 ug/l  
 RT: 13.72 min Scan# 1338  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
75	38795		
75	100		
155	82.7	49.8	149.3
157	100.4	61.6	184.7





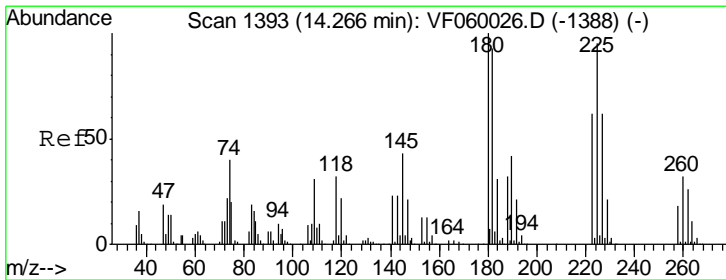
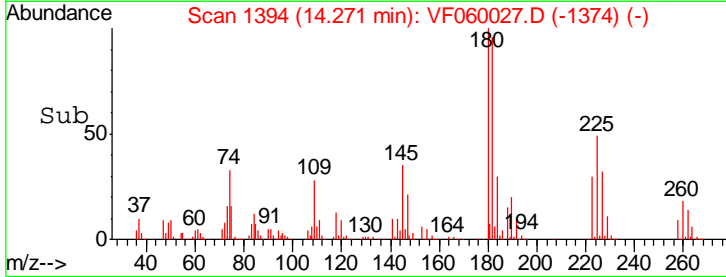
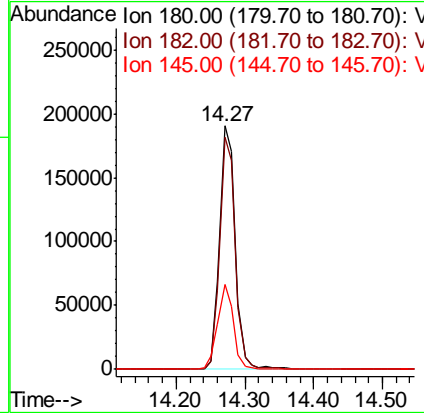
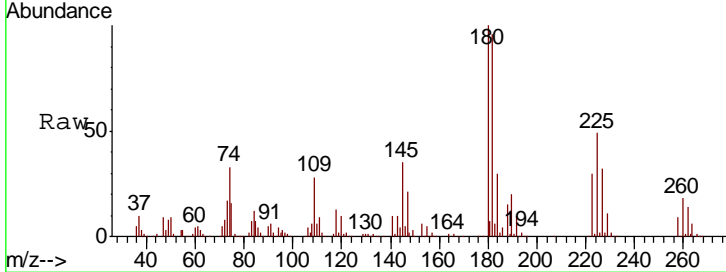
#93  
 1,2,4-Trichlorobenzene  
 Concen: 60.80 ug/l  
 RT: 14.27 min Scan# 1394  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.5	46.8	140.3
145	35.0	15.4	46.4

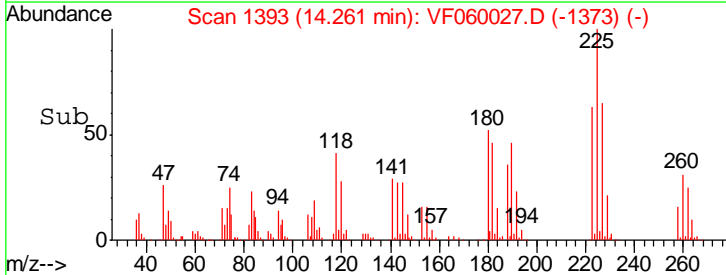
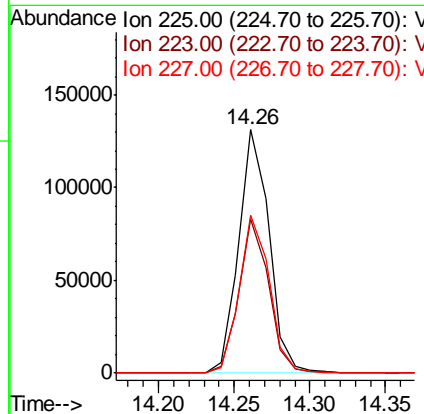
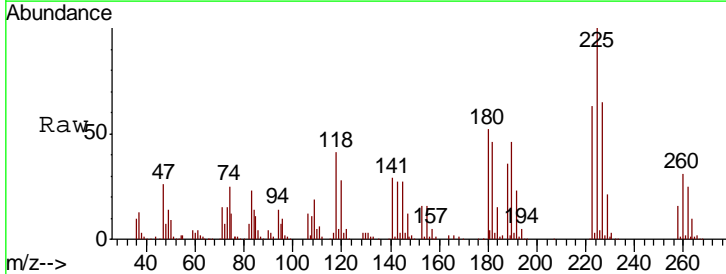
Manual Integrations  
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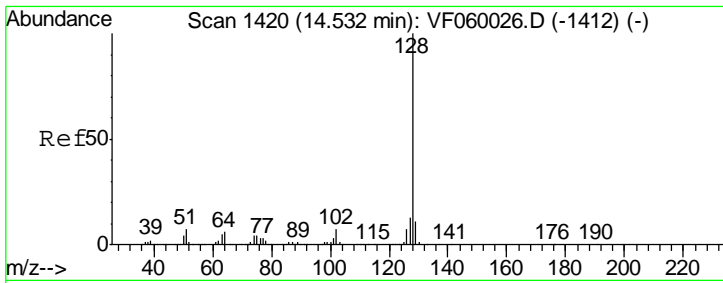
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#94  
 Hexachlorobutadiene  
 Concen: 56.03 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
225	100		
223	63.3	32.6	97.8
227	64.8	33.0	98.9





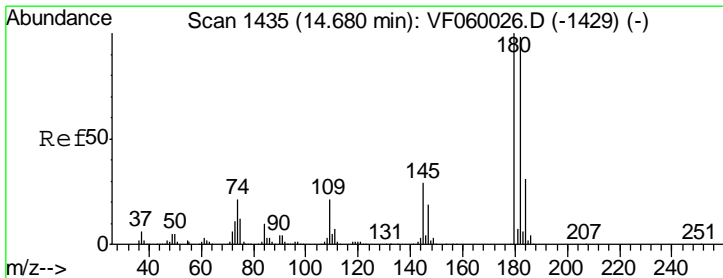
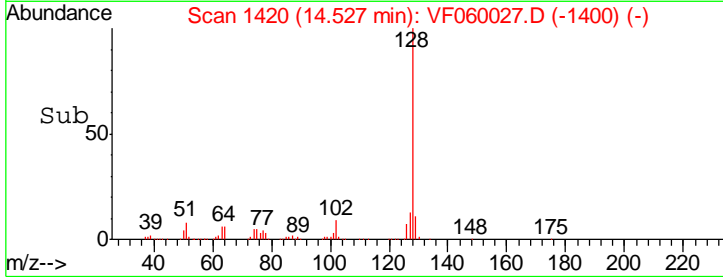
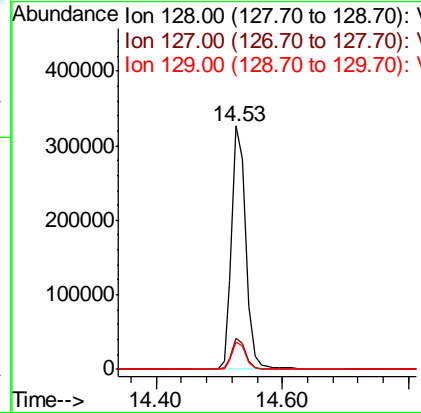
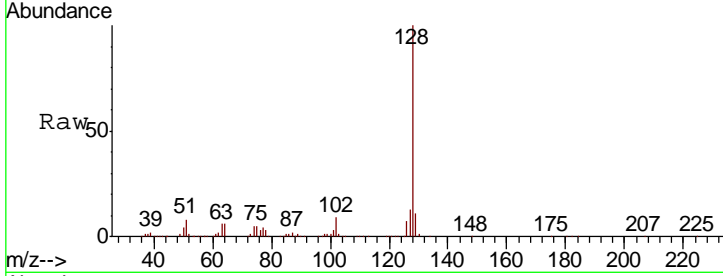
#95  
 Naphthalene  
 Concen: 71.77 ug/l  
 RT: 14.53 min Scan# 1420  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
128	511448		
127	12.7	10.4	15.6
129	11.1	8.5	12.7

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#96  
 1,2,3-Trichlorobenzene  
 Concen: 61.90 ug/l  
 RT: 14.67 min Scan# 1435  
 Delta R.T. -0.01 min  
 Lab File: VF060027.D  
 Acq: 21 Aug 2018 18:51

Tgt Ion	Resp	Lower	Upper
180	294526		
182	95.8	49.0	147.2
145	32.5	14.4	43.2

