

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030719\  
 Data File : VD060972.D  
 Acq On : 7 Mar 2019 16:58  
 Operator : VA/AP  
 Sample : VSTDIC075  
 Misc : 5.00µ/5ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Manual Integrations  
 APPROVED

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 3/8/2019 9:46:33 PM

Quant Time: Mar 08 02:19:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 00:56:29 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	725670	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1239061	50.00	µg/l	0.00
63) Chlorobenzene-d5	12.36	117	1008369	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	457348	50.00	µg/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	446120	74.42	µg/l	0.00
Spiked Amount	50.000		Recovery	=	148.84%	
35) Dibromofluoromethane	6.92	113	701909	71.09	µg/l	0.00
Spiked Amount	50.000		Recovery	=	142.18%	
50) Toluene-d8	10.40	98	1692748	68.16	µg/l	0.00
Spiked Amount	50.000		Recovery	=	136.32%	
62) 4-Bromofluorobenzene	13.55	95	676880	73.06	µg/l	0.00
Spiked Amount	50.000		Recovery	=	146.12%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	479227	60.248	µg/l	99
3) Chloromethane	1.76	50	401396	61.002	µg/l	98
4) Vinyl Chloride	1.86	62	387760	64.843	µg/l	97
5) Bromomethane	2.15	94	64921	62.306	µg/l	97
6) Chloroethane	2.26	64	117326	78.756	µg/l	91
7) Trichlorofluoromethane	2.53	101	550662	74.531	µg/l	98
8) Diethyl Ether	2.87	74	200420	64.086	µg/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	638740	66.752	µg/l	98
10) Methyl Iodide	3.31	142	921083	81.308	µg/l	99
11) Tert butyl alcohol	4.05	59	146266m	332.208	µg/l	
12) 1,1-Dichloroethene	3.13	96	540034	66.547	µg/l	98
13) Acrolein	3.04	56	216779	359.432	µg/l	94
14) Allyl chloride	3.62	41	852139	63.474	µg/l	100
15) Acrylonitrile	4.19	53	501670	302.101	µg/l	97
16) Acetone	3.21	43	627454	320.303	µg/l	100
17) Carbon Disulfide	3.37	76	1807740	62.719	µg/l	100
18) Methyl Acetate	3.64	43	256508	63.743	µg/l	96
19) Methyl tert-butyl Ether	4.23	73	928910	64.352	µg/l	97
20) Methylene Chloride	3.82	84	577183	52.815	µg/l	97
21) trans-1,2-Dichloroethene	4.22	96	575910	64.569	µg/l	95
22) Diisopropyl ether	5.11	45	1789676	63.296	µg/l	99
23) Vinyl Acetate	5.06	43	4442984	299.859	µg/l	99
24) 1,1-Dichloroethane	4.98	63	944084	62.093	µg/l	98
25) 2-Butanone	6.06	43	733306	304.422	µg/l	99
26) 2,2-Dichloropropane	6.02	77	701366	62.075	µg/l	97
27) cis-1,2-Dichloroethene	6.03	96	588953	58.619	µg/l	97
28) Bromochloromethane	6.43	49	449290	71.112	µg/l	99
29) Tetrahydrofuran	6.44	42	407941	323.778	µg/l	99
30) Chloroform	6.66	83	943755	64.149	µg/l	99
31) Cyclohexane	6.96	56	747095	57.905	µg/l	97
32) 1,1,1-Trichloroethane	6.87	97	850225	67.190	µg/l	98
36) 1,1-Dichloropropene	7.14	75	733137	64.529	µg/l	98
37) Ethyl Acetate	6.17	43	364162	62.736	µg/l	97
38) Carbon Tetrachloride	7.10	117	809249m	65.719	µg/l	

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030719S.M  
 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	811274	65.519	µg/l	97
40) Benzene	7.45	78	1852928	63.204	µg/l	100
41) Methacrylonitrile	6.43	41	433639	104.220	µg/l	98
42) 1,2-Dichloroethane	7.58	62	556409	67.048	µg/l	98
43) Isopropyl Acetate	9.23	43	544620	67.422	µg/l	99
44) Trichloroethene	8.53	130	682528	68.613	µg/l	97
45) 1,2-Dichloropropane	8.93	63	489734	63.573	µg/l	99
46) Dibromomethane	9.05	93	312424	63.391	µg/l	97
47) Bromodichloromethane	9.37	83	717264	65.572	µg/l	99
48) Methyl methacrylate	9.11	41	291346	63.795	µg/l	98
49) 1,4-Dioxane	9.07	88	60536	1291.525	µg/l	95
51) 4-Methyl-2-Pentanone	10.29	43	1527800	309.764	µg/l	96
52) Toluene	10.50	92	1157392	62.032	µg/l	99
53) t-1,3-Dichloropropene	10.90	75	662183	66.629	µg/l	98
54) cis-1,3-Dichloropropene	10.04	75	785298	64.421	µg/l	97
55) 1,1,2-Trichloroethane	11.18	97	398172	64.543	µg/l	97
56) Ethyl methacrylate	11.03	69	424445	65.545	µg/l	98
57) 1,3-Dichloropropane	11.40	76	552499	61.951	µg/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	1139518	328.657	µg/l	99
59) 2-Hexanone	11.52	43	1107149	319.897	µg/l	97
60) Dibromochloromethane	11.68	129	574916	64.504	µg/l	99
61) 1,2-Dibromoethane	11.80	107	461265	63.632	µg/l	97
64) Tetrachloroethene	11.25	164	505954	66.366	µg/l	99
65) Chlorobenzene	12.39	112	1345513	60.929	µg/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	494376	61.886	µg/l	99
67) Ethyl Benzene	12.52	91	1965154	60.822	µg/l	99
68) m/p-Xylenes	12.67	106	1428540	110.252	µg/l	97
69) o-Xylene	13.04	106	777652	64.538	µg/l	96
70) Styrene	13.07	104	1246287	61.968	µg/l	98
71) Bromoform	13.23	173	340043	67.637	µg/l	98
73) Isopropylbenzene	13.39	105	2083688	59.611	µg/l	99
74) N-amyl acetate	13.26	43	671764	63.575	µg/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	451255	62.210	µg/l	98
76) 1,2,3-Trichloropropane	13.73	75	458688	62.219	µg/l	100
77) Bromobenzene	13.67	156	575366	62.637	µg/l	96
78) n-propylbenzene	13.77	91	2555970	62.642	µg/l	97
79) 2-Chlorotoluene	13.84	91	1332139	58.329	µg/l	99
80) 1,3,5-Trimethylbenzene	14.23	105	1568926	58.091	µg/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	145275	66.848	µg/l	95
82) 4-Chlorotoluene	13.95	91	1360896	53.058	µg/l	98
83) tert-Butylbenzene	14.18	119	1657237m	55.121	µg/l	
84) 1,2,4-Trimethylbenzene	14.23	105	1568926	58.091	µg/l	100
85) sec-Butylbenzene	14.36	105	2070393	59.011	µg/l	96
86) p-Isopropyltoluene	14.49	119	1735926	60.057	µg/l	99
87) 1,3-Dichlorobenzene	14.45	146	1037113	66.425	µg/l	96
88) 1,4-Dichlorobenzene	14.54	146	994272	64.353	µg/l	99
89) n-Butylbenzene	14.79	91	1539555	56.911	µg/l	98
90) Hexachloroethane	15.00	117	531090	63.728	µg/l	75
91) 1,2-Dichlorobenzene	14.80	146	813900	59.763	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	55903	65.606	µg/l	69

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 ClientSampleId :  
 VSTDIC075

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	388006	50.516	µg/l	98
94) Hexachlorobutadiene	16.03	225	314772	64.110	µg/l	99
95) Naphthalene	16.12	128	608229	51.250	µg/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	214202	51.410	µg/l	99

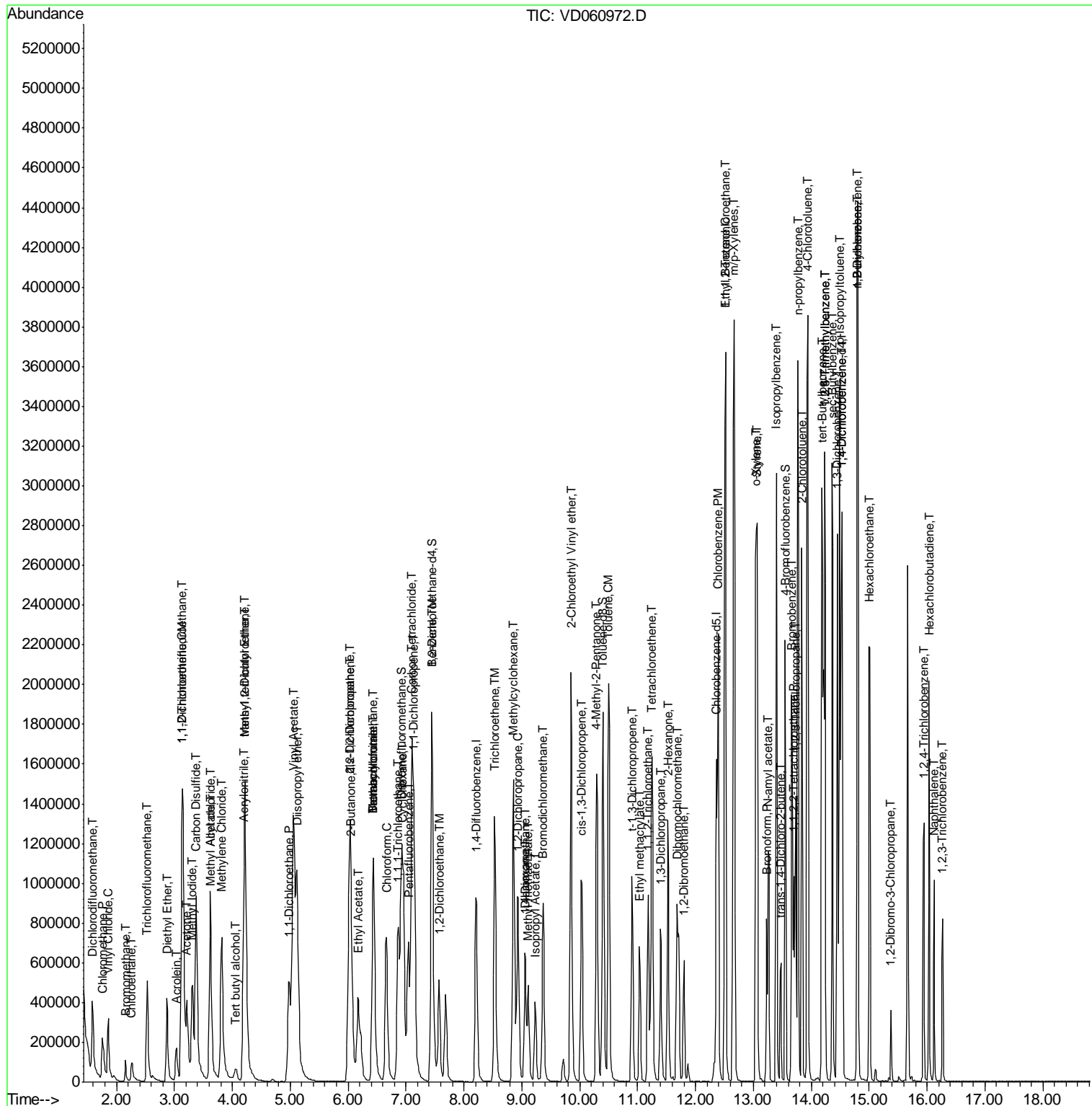
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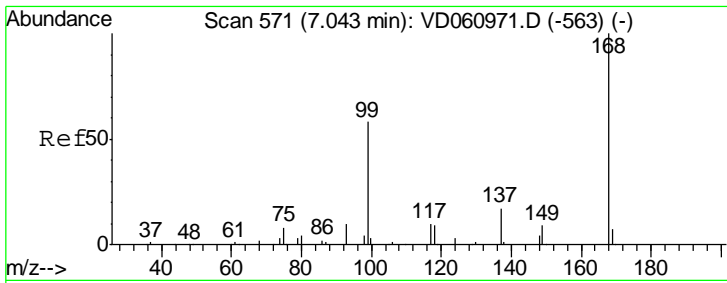
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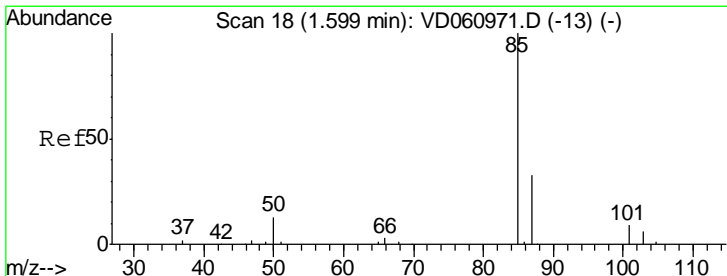
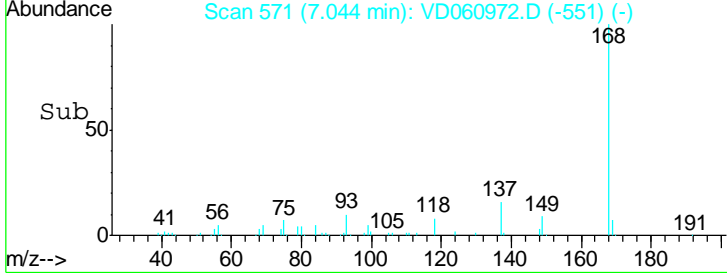
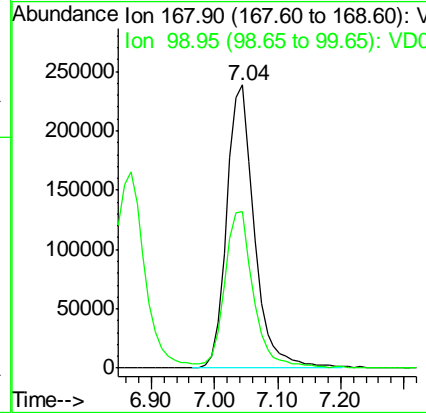
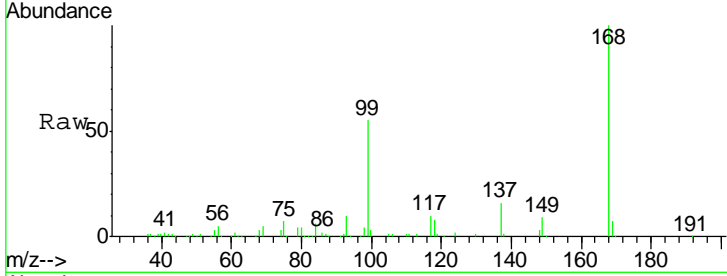
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.04 min Scan# 571  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
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Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
168	100		
99	55.4	47.3	70.9

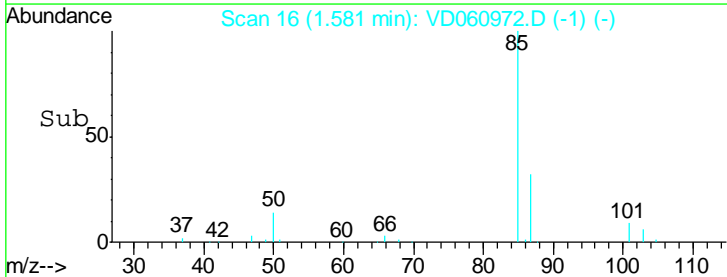
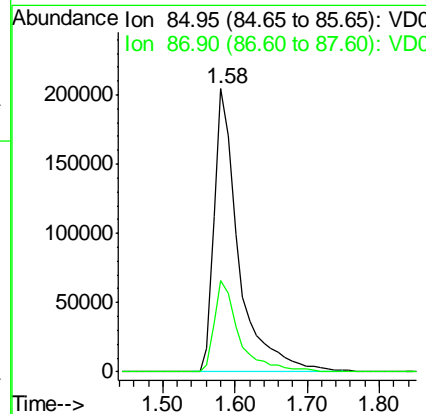
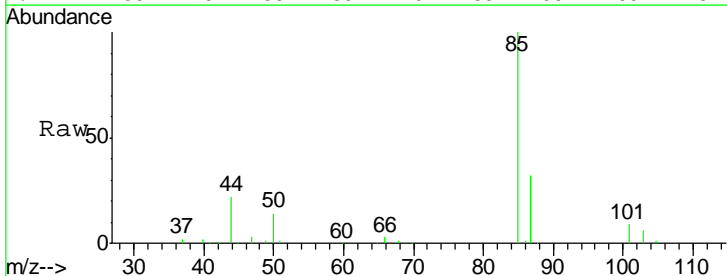
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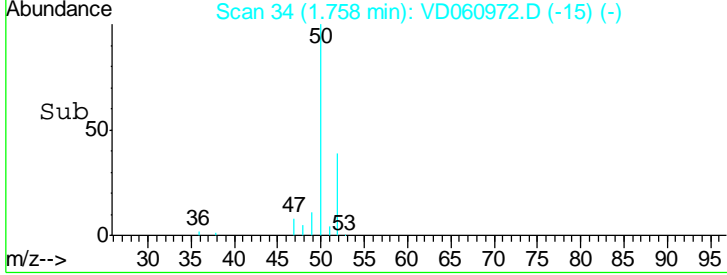
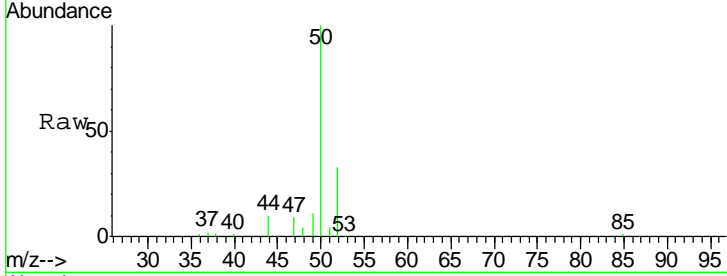
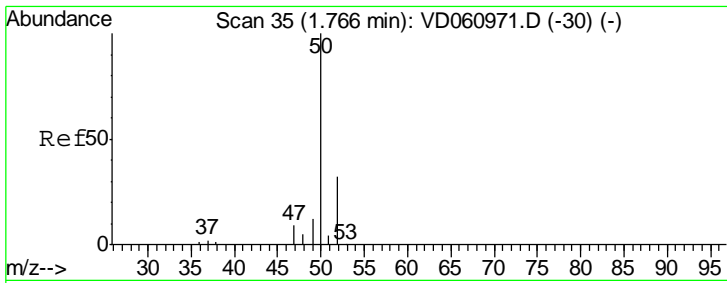
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#2  
 Dichlorodifluoromethane  
 Concen: 60.248 ug/l  
 RT: 1.58 min Scan# 16  
 Delta R.T. -0.02 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.4	16.4	49.4





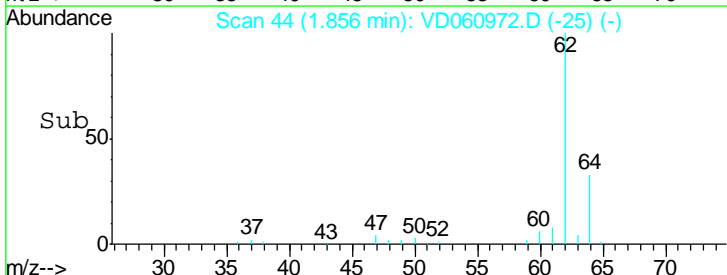
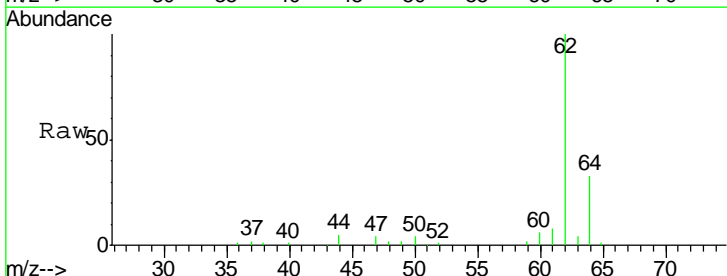
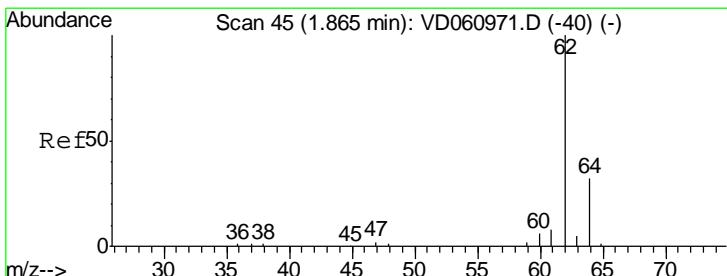
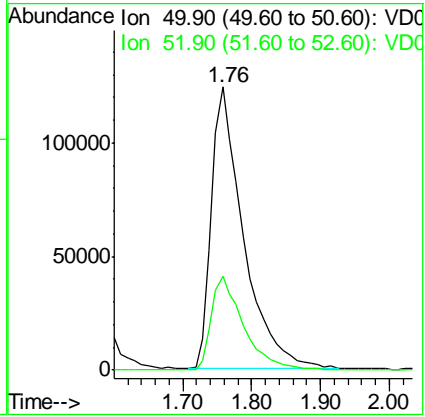
#3  
 Chloromethane  
 Concen: 61.002 ug/l  
 RT: 1.76 min Scan# 34  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 50 Resp: 401396

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.8	38.8

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

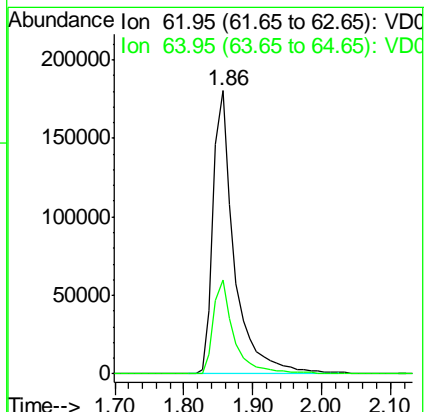
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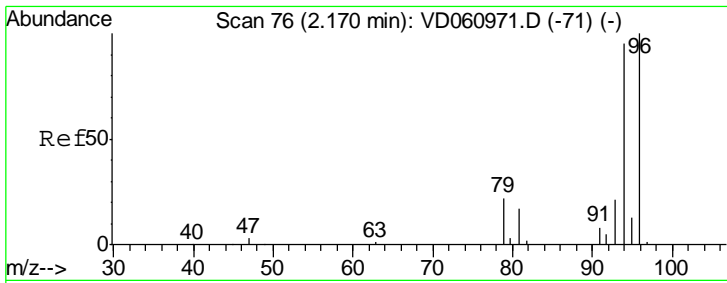


#4  
 Vinyl Chloride  
 Concen: 64.843 ug/l  
 RT: 1.86 min Scan# 44  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 62 Resp: 387760

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.2	37.8





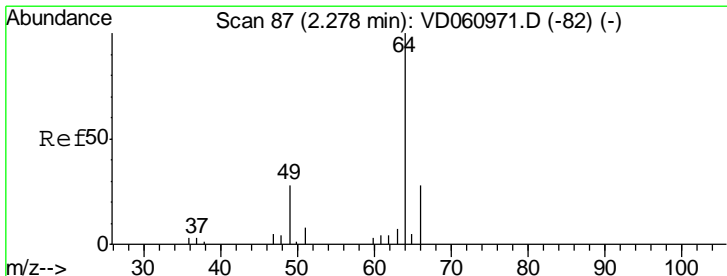
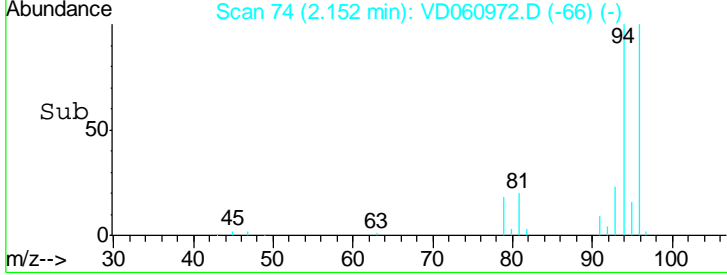
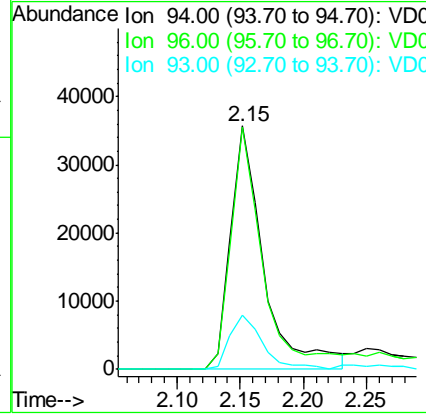
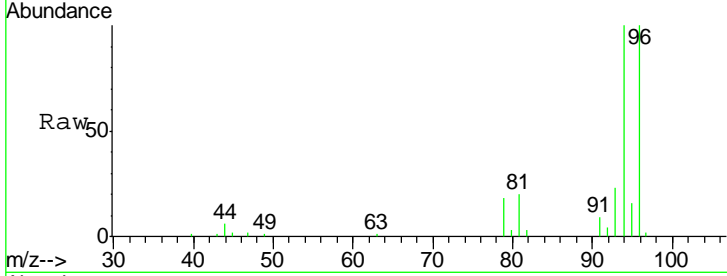
#5  
 Bromomethane  
 Concen: 62.306 ug/l  
 RT: 2.15 min Scan# 74  
 Delta R.T. -0.02 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
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Tgt Ion	Resp	Lower	Upper
94	100		
96	101.4	84.0	126.0
93	22.5	17.3	25.9

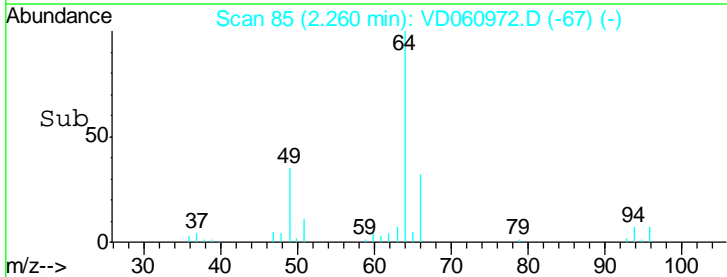
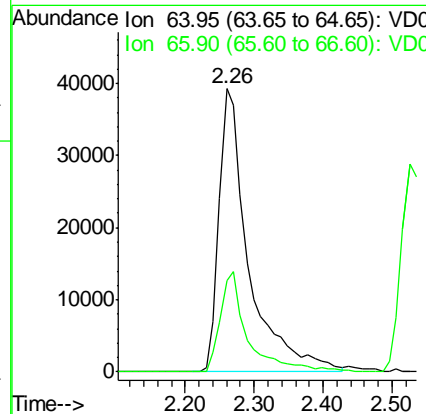
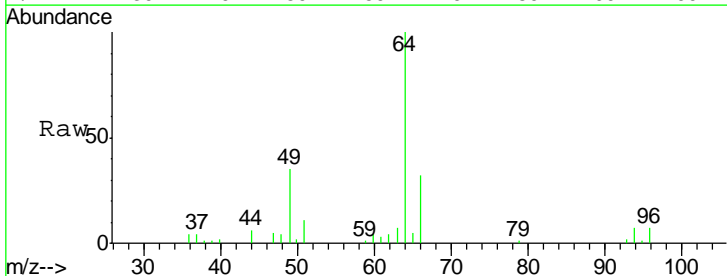
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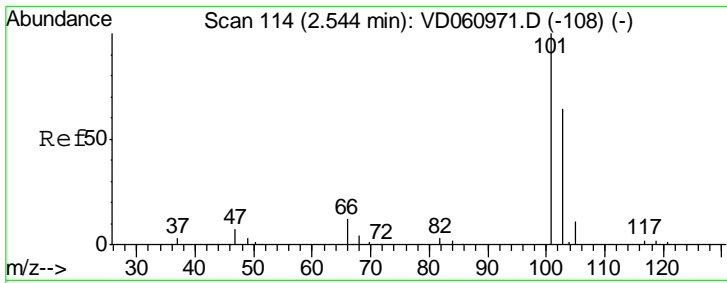
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#6  
 Chloroethane  
 Concen: 78.756 ug/l  
 RT: 2.26 min Scan# 85  
 Delta R.T. -0.02 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
64	100		
66	32.4	22.2	33.2



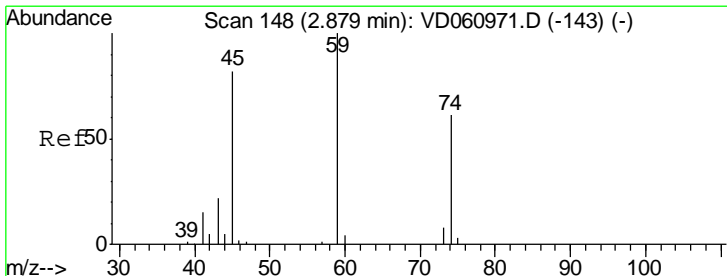
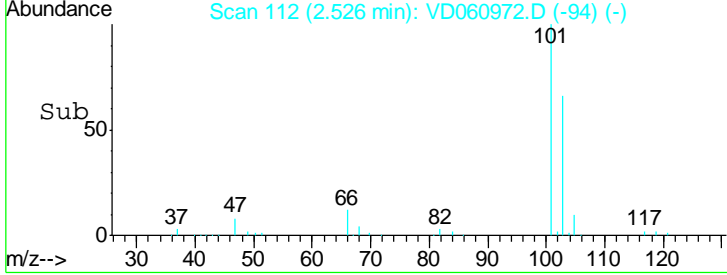
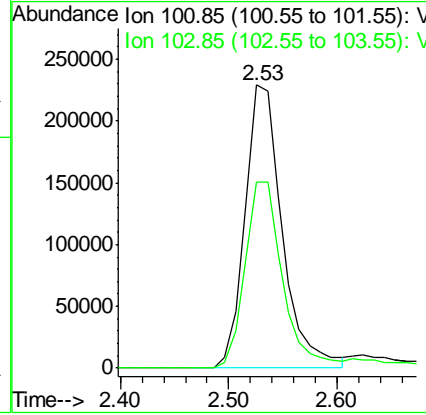
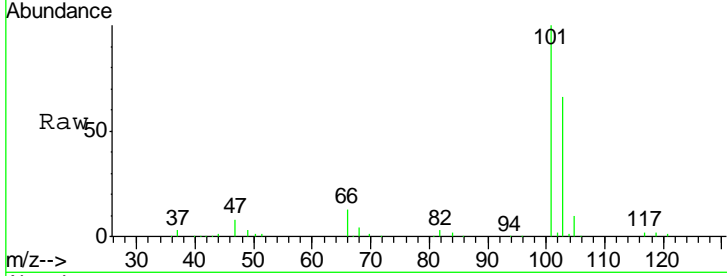


#7  
 Trichlorofluoromethane  
 Concen: 74.531 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. -0.02 min  
 Lab File: VD060972.D  
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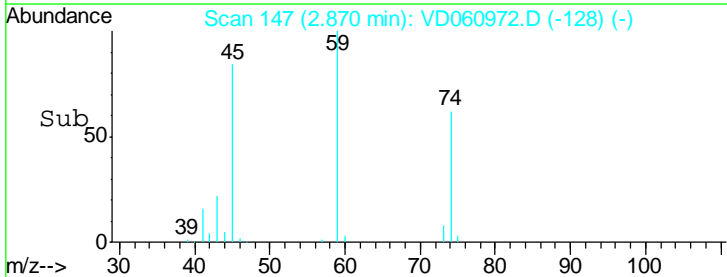
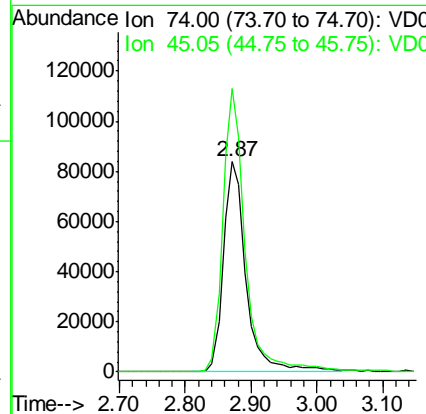
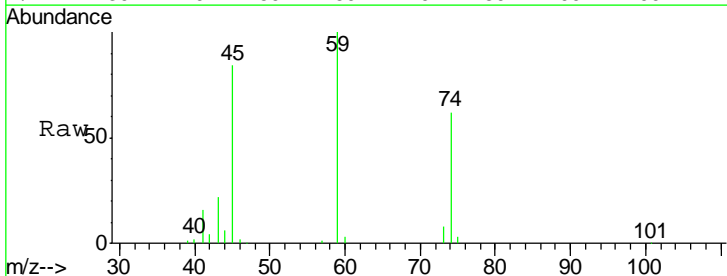
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 Ion Ratio Lower Upper  
 101 100  
 103 65.8 51.2 76.8

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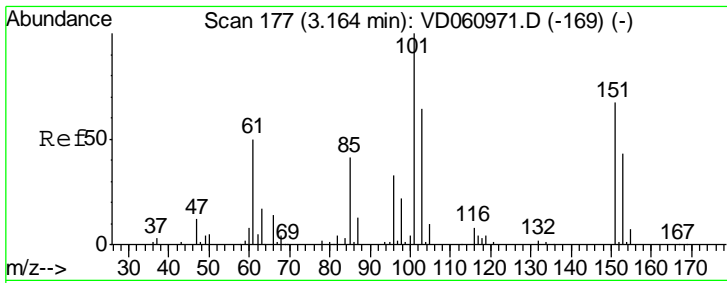


#8  
 Diethyl Ether  
 Concen: 64.086 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 74 Resp: 200420  
 Ion Ratio Lower Upper  
 74 100  
 45 134.9 67.0 201.1

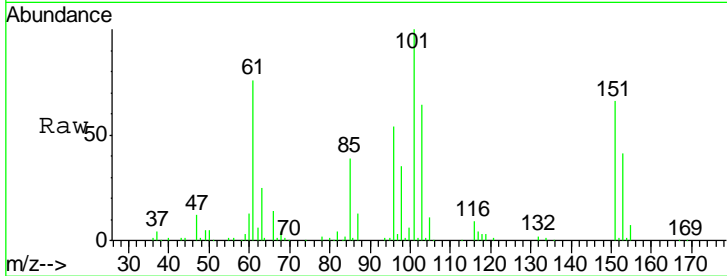






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 66.752 ug/l  
 RT: 3.15 min Scan# 175  
 Delta R.T. -0.02 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

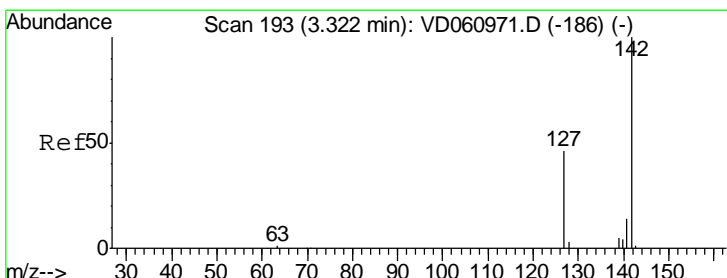
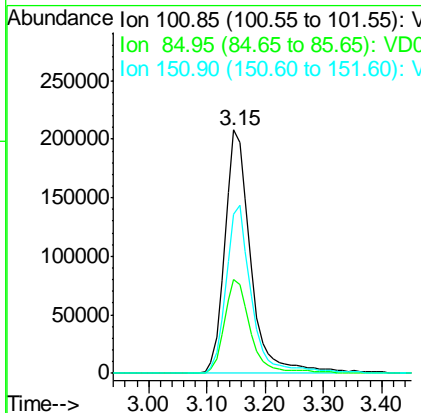
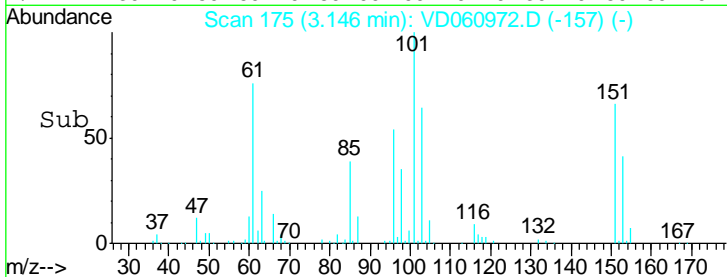


Tgt Ion: 101 Resp: 638740

Ion	Ratio	Lower	Upper
101	100		
85	38.7	32.5	48.7
151	65.6	53.3	79.9

**Manual Integrations**  
**APPROVED**

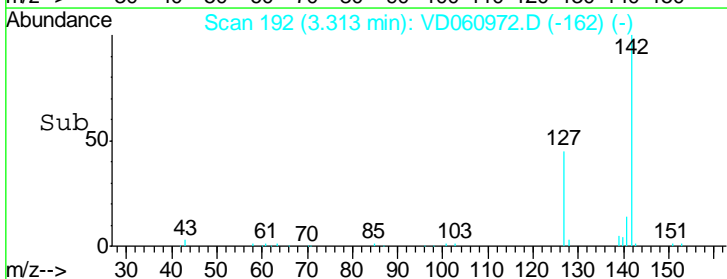
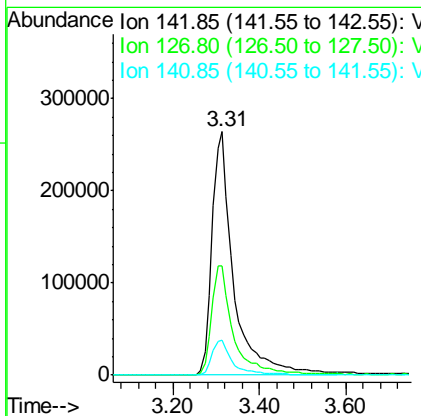
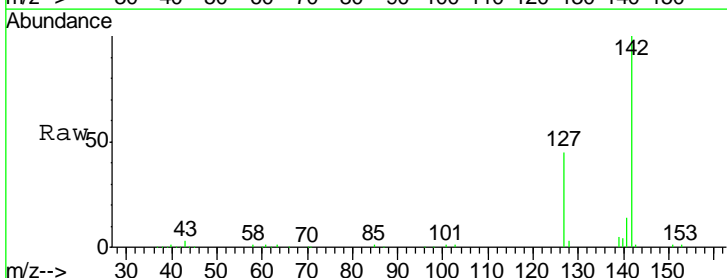
MMDadoda  
 3/8/2019 9:46:33 PM

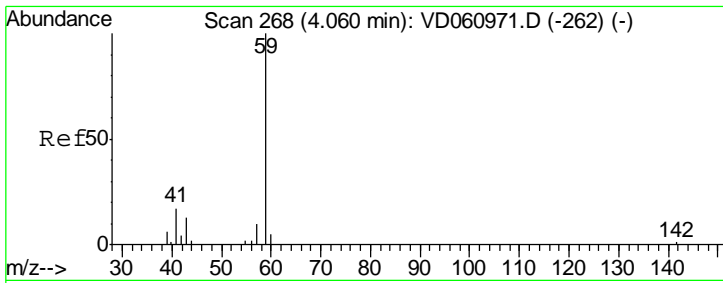


#10  
 Methyl Iodide  
 Concen: 81.308 ug/l  
 RT: 3.31 min Scan# 192  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 142 Resp: 921083

Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.8	55.2
141	14.3	11.2	16.8





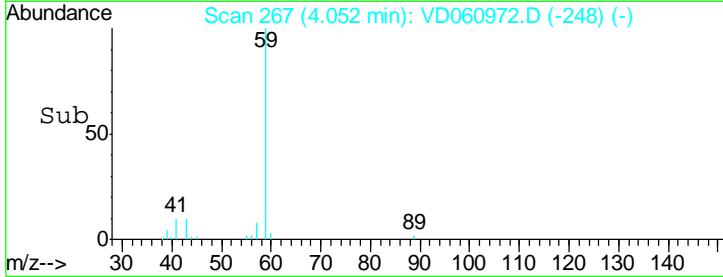
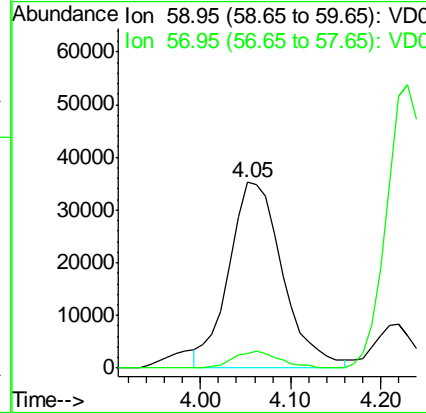
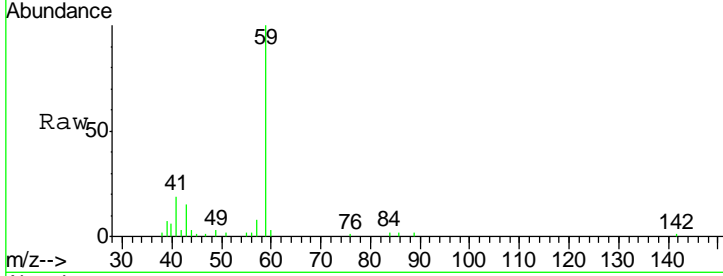
#11  
 Tert butyl alcohol  
 Concen: 332.208 ug/l m  
 RT: 4.05 min Scan# 267  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
59	100		
57	8.1	7.1	10.7

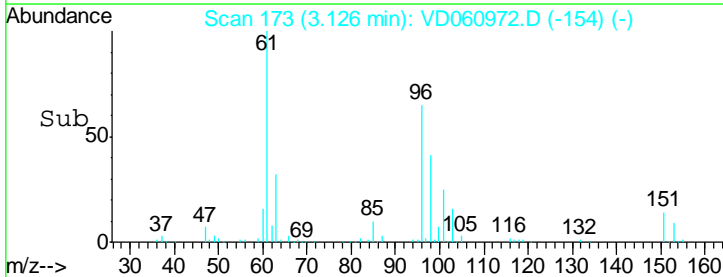
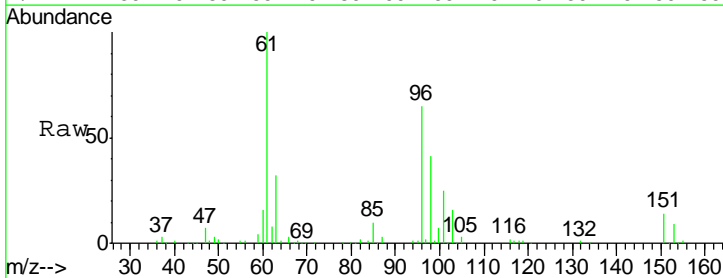
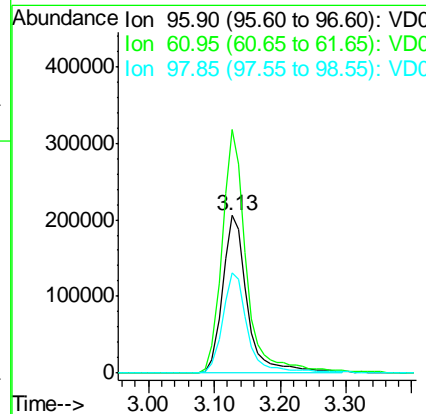
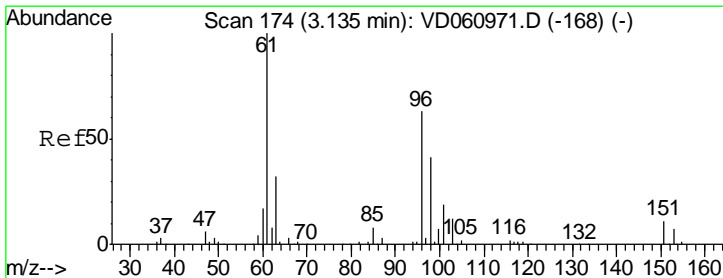
**Manual Integrations**  
**APPROVED**

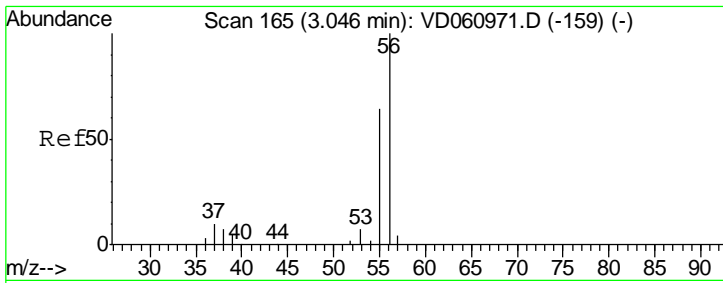
MMDadoda  
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#12  
 1,1-Dichloroethene  
 Concen: 66.547 ug/l  
 RT: 3.13 min Scan# 173  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
96	100		
61	154.7	127.1	190.7
98	63.9	51.5	77.3



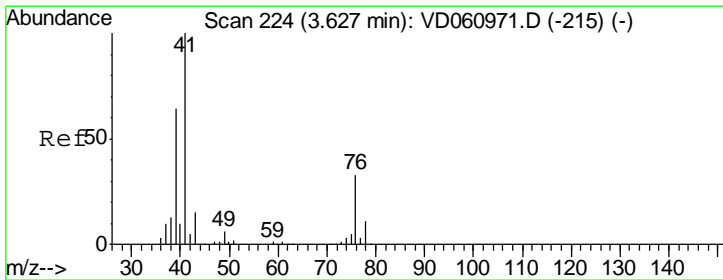
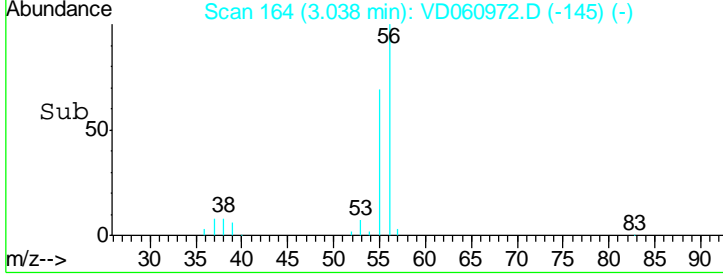
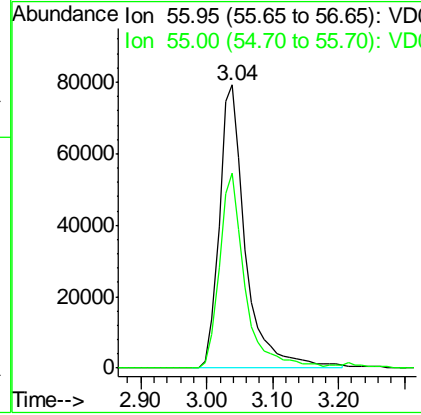
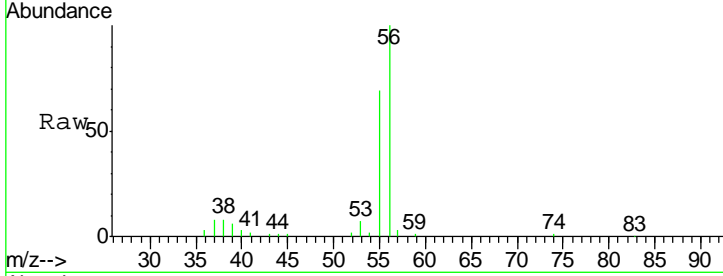


#13  
 Acrolein  
 Concen: 359.432 ug/l  
 RT: 3.04 min Scan# 164  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

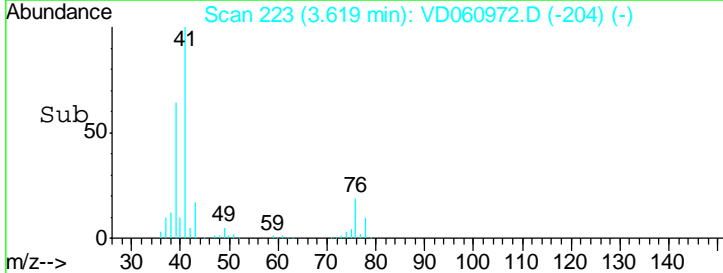
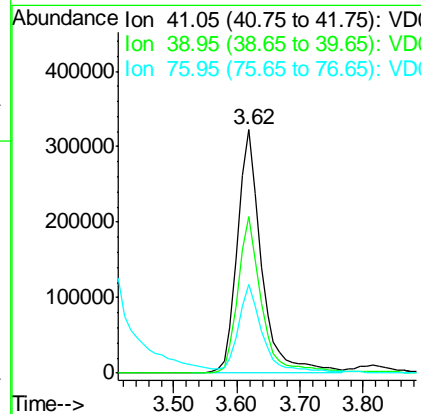
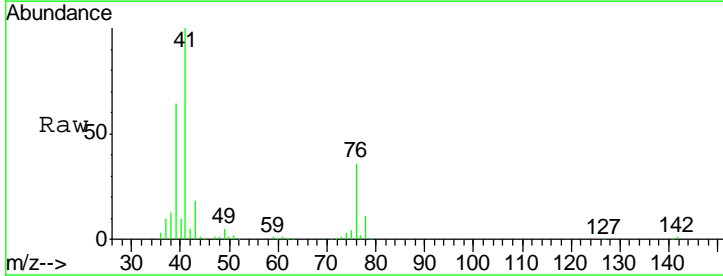
Tgt Ion	Resp	Lower	Upper
56	100		
55	68.8	51.3	76.9

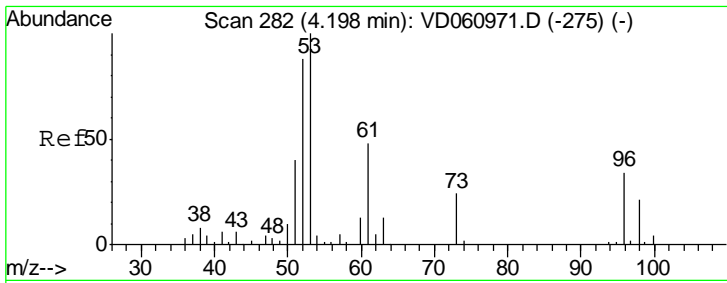
Manual Integrations APPROVED  
 MMDadoda  
 3/8/2019 9:46:33 PM



#14  
 Allyl chloride  
 Concen: 63.474 ug/l  
 RT: 3.62 min Scan# 223  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
41	100		
39	64.1	51.1	76.7
76	36.3	29.1	43.7





#15  
 Acrylonitrile  
 Concen: 302.101 ug/l  
 RT: 4.19 min Scan# 281  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

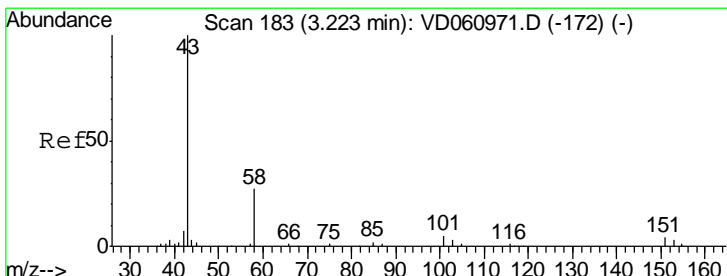
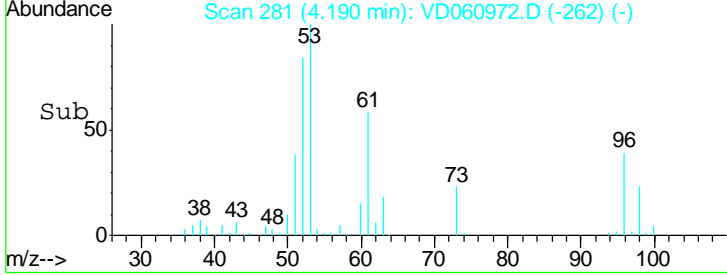
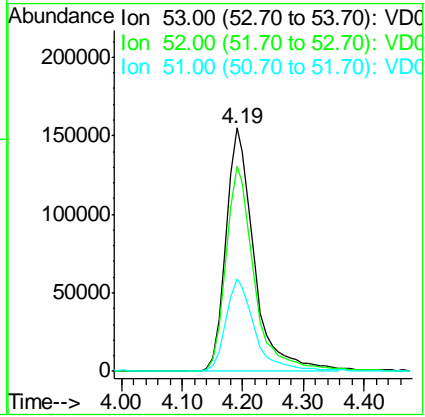
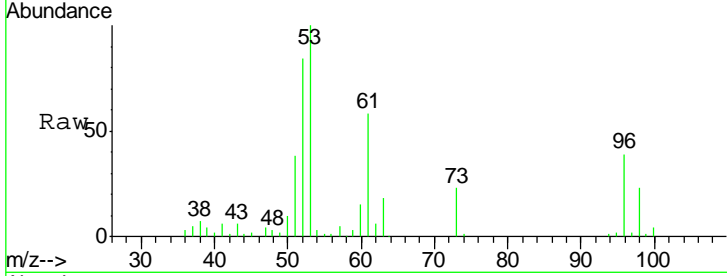
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

Tot Ion: 53 Resp: 501670

Ion	Ratio	Lower	Upper
53	100		
52	84.4	70.2	105.4
51	38.1	31.7	47.5

**Manual Integrations**  
**APPROVED**

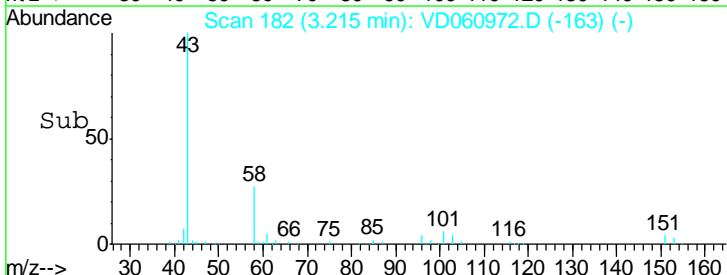
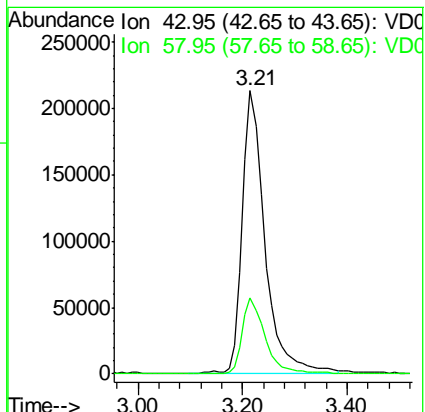
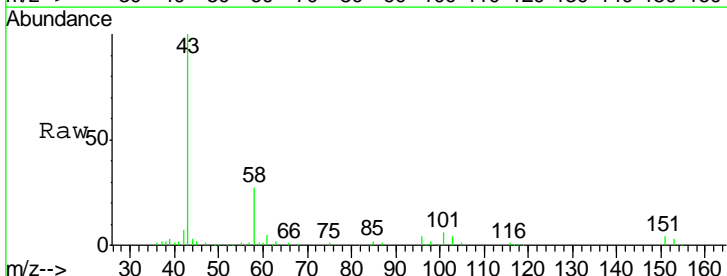
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 3/8/2019 9:46:33 PM

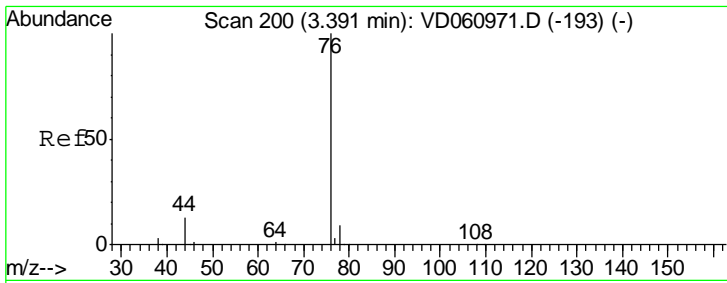


#16  
 Acetone  
 Concen: 320.303 ug/l  
 RT: 3.21 min Scan# 182  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 43 Resp: 627454

Ion	Ratio	Lower	Upper
43	100		
58	27.1	21.6	32.4





#17  
 Carbon Disulfide  
 Concen: 62.719 ug/l  
 RT: 3.37 min Scan# 198  
 Delta R.T. -0.02 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

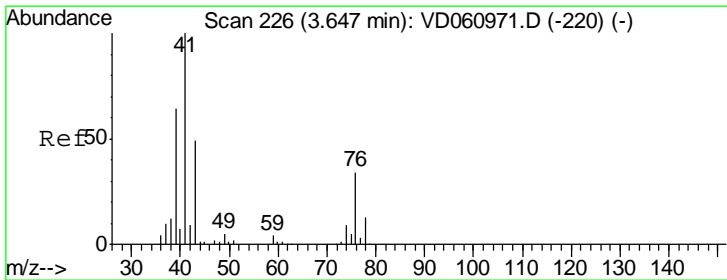
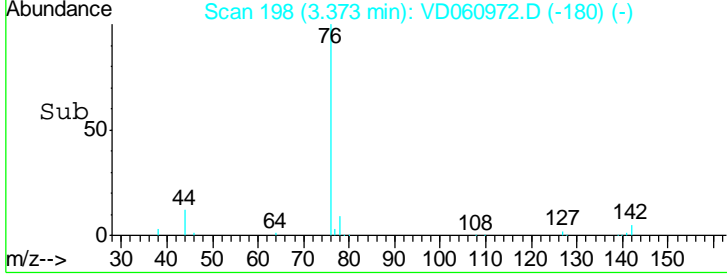
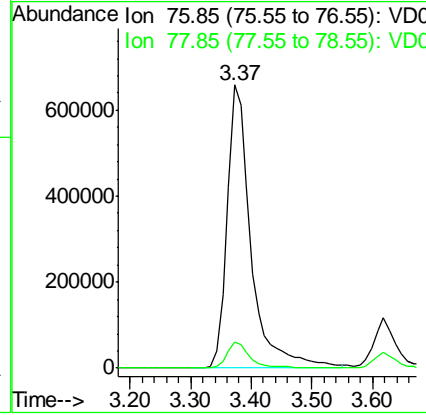
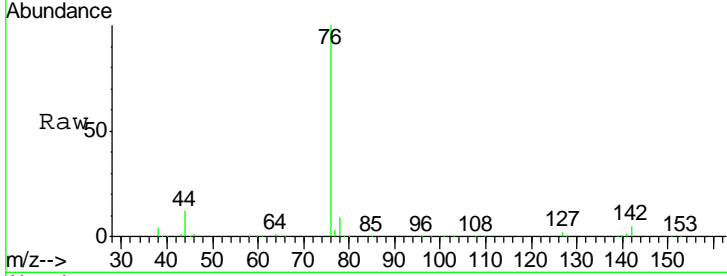
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Tgt Ion: 76 Resp: 1807740

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

Manual Integrations  
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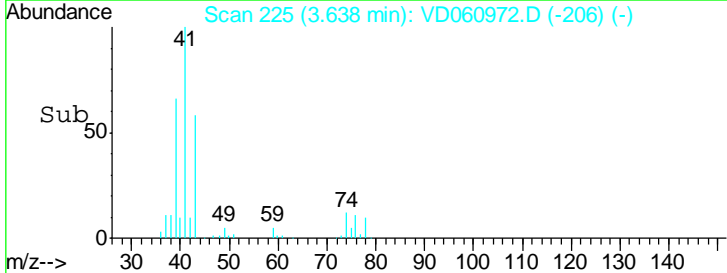
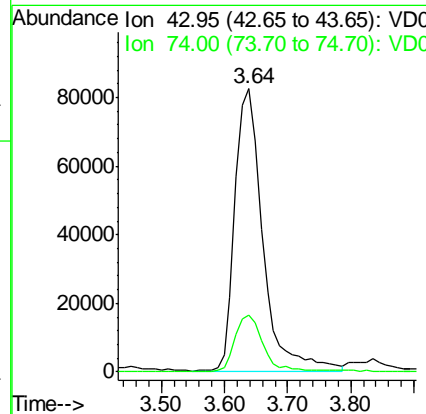
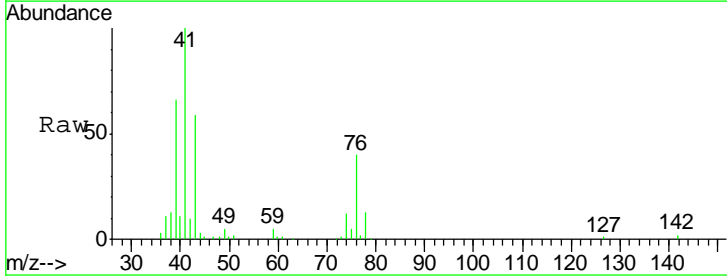
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 3/8/2019 9:46:33 PM

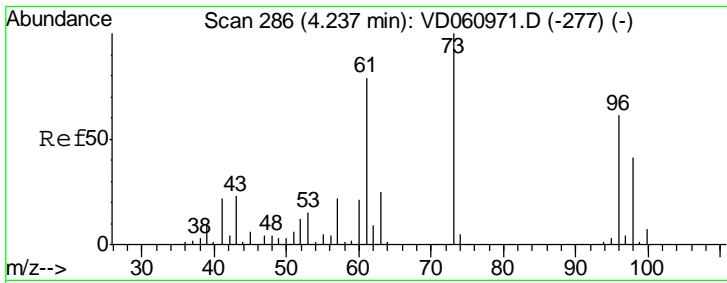


#18  
 Methyl Acetate  
 Concen: 63.743 ug/l  
 RT: 3.64 min Scan# 225  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 43 Resp: 256508

Ion	Ratio	Lower	Upper
43	100		
74	20.1	14.6	21.8





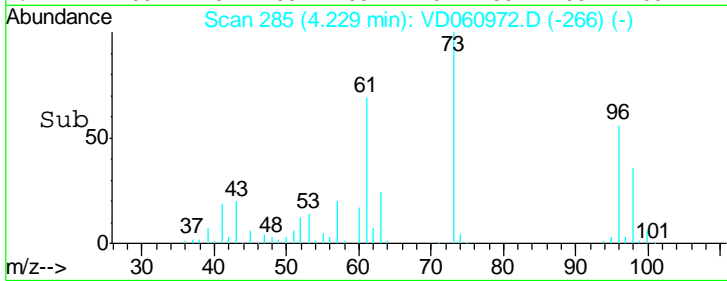
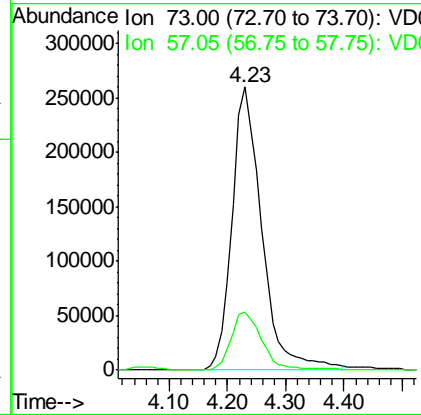
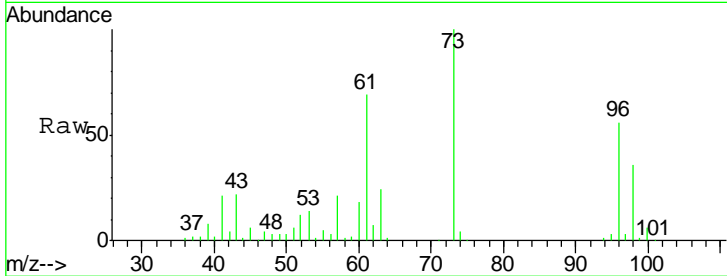
#19  
 Methyl tert-butyl Ether  
 Concen: 64.352 ug/l  
 RT: 4.23 min Scan# 285  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 73 Resp: 928910

Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.7	26.5

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

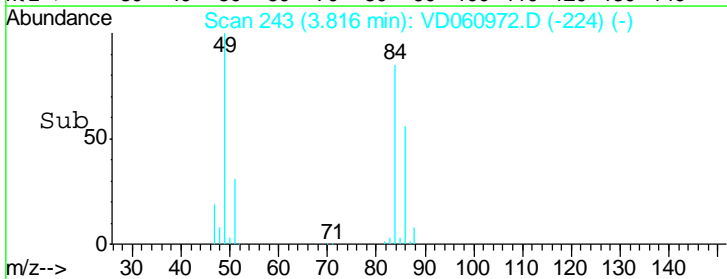
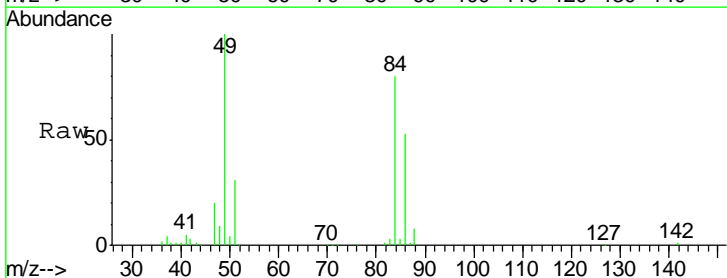
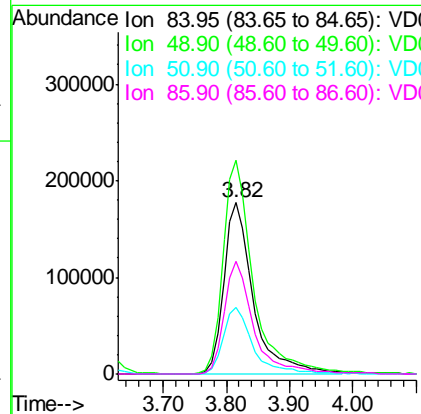
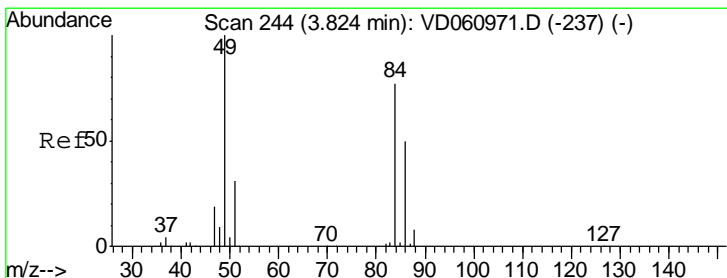
**Manual Integrations**  
**APPROVED**  
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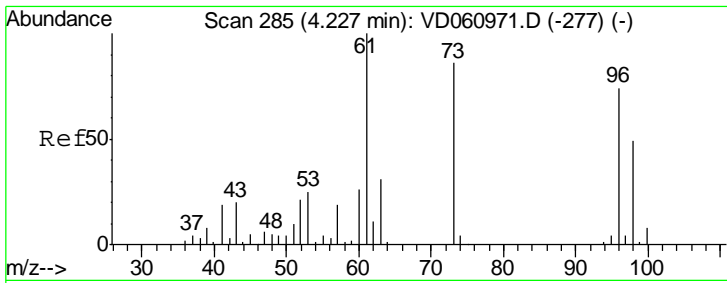


#20  
 Methylene Chloride  
 Concen: 52.815 ug/l  
 RT: 3.82 min Scan# 243  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 84 Resp: 577183

Ion	Ratio	Lower	Upper
84	100		
49	124.8	104.2	156.2
51	38.9	32.3	48.5
86	66.1	52.3	78.5





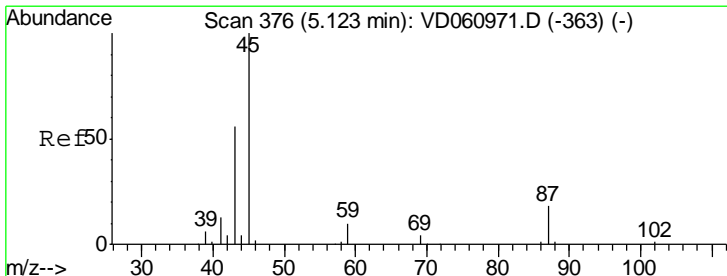
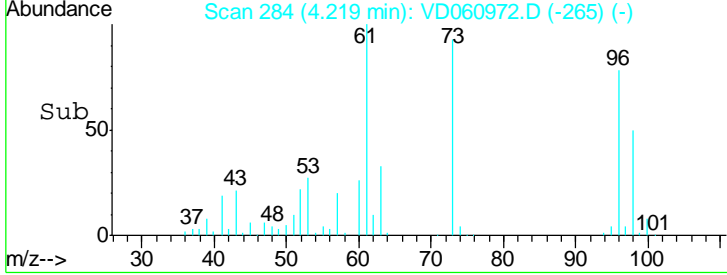
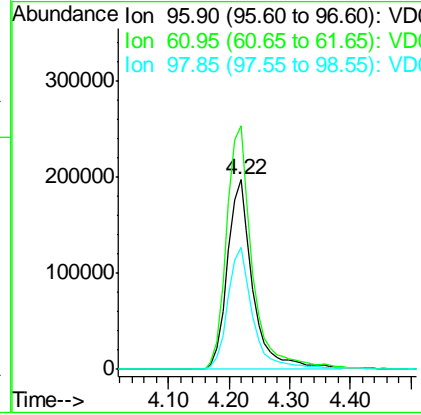
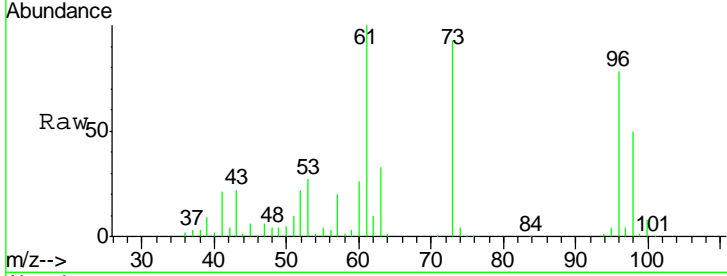
#21  
 trans-1,2-Dichloroethene  
 Concen: 64.569 ug/l  
 RT: 4.22 min Scan# 284  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
96	575910		
96	100		
61	128.3	108.4	162.6
98	64.6	53.0	79.4

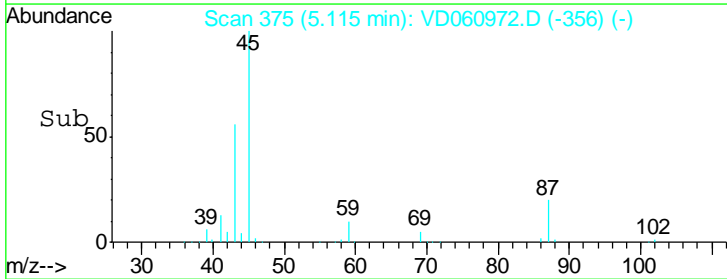
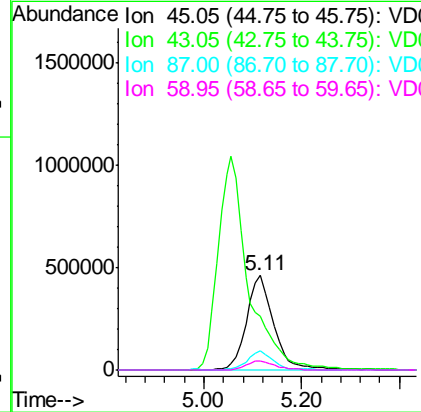
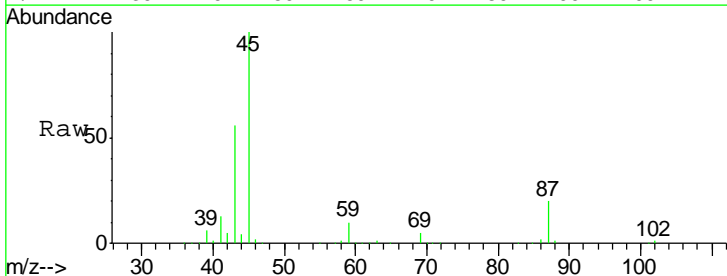
Manual Integrations  
 APPROVED

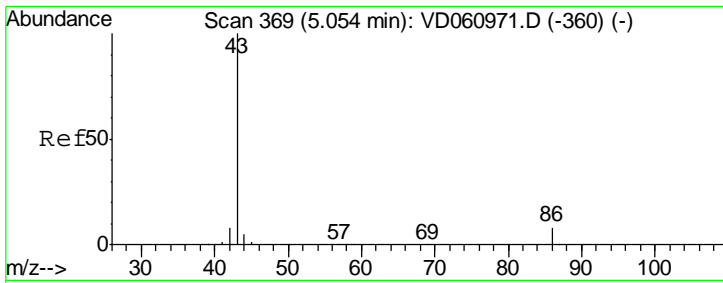
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#22  
 Diisopropyl ether  
 Concen: 63.296 ug/l  
 RT: 5.11 min Scan# 375  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
45	1789676		
45	100		
43	56.5	45.8	68.8
87	19.8	14.9	22.3
59	10.0	8.0	12.0





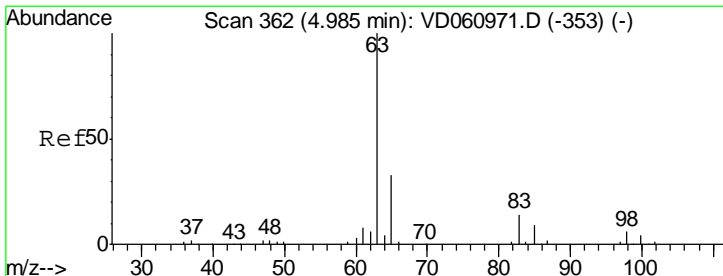
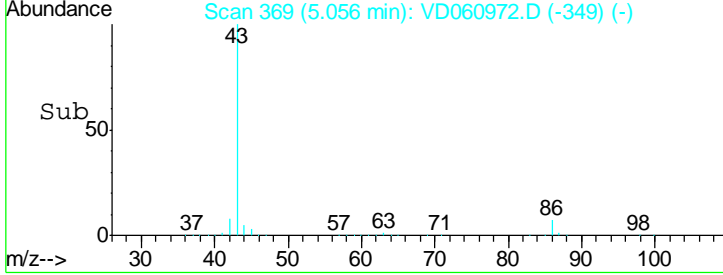
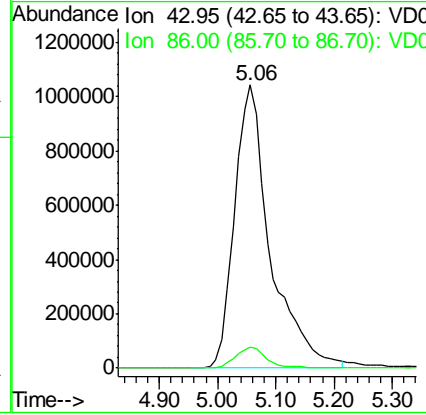
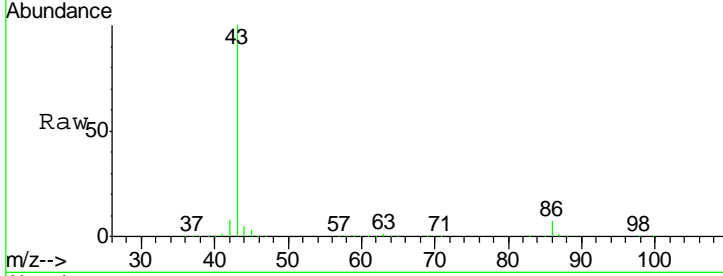
#23  
 Vinyl Acetate  
 Concen: 299.859 ug/l  
 RT: 5.06 min Scan# 369  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

Tgt Ion: 43 Resp: 4442984

Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.2	9.2

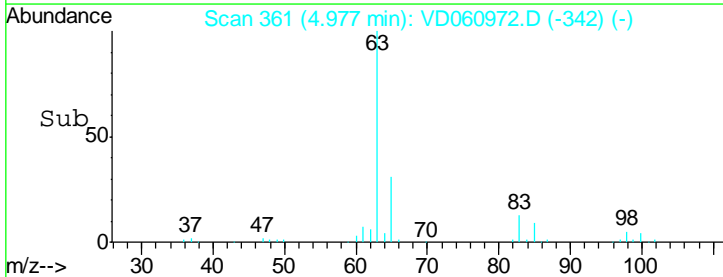
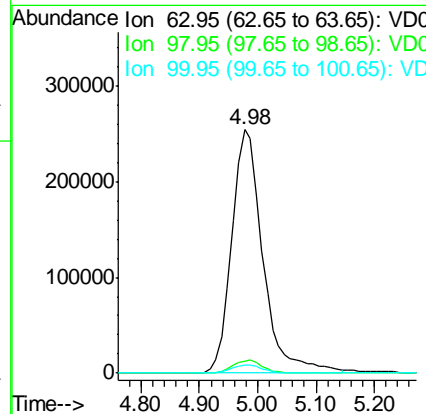
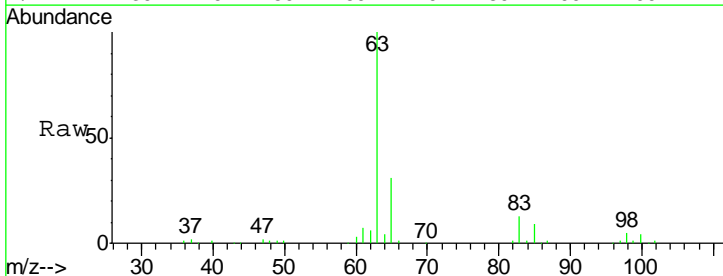
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/8/2019 9:46:33 PM



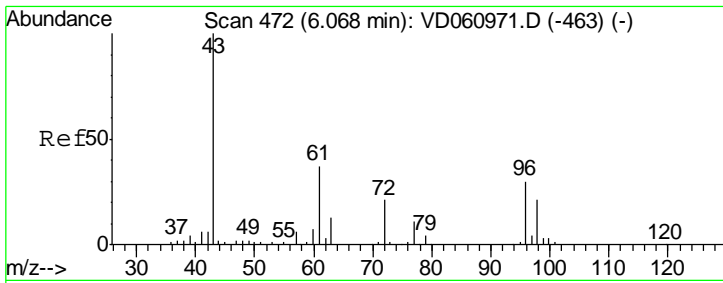
#24  
 1,1-Dichloroethane  
 Concen: 62.093 ug/l  
 RT: 4.98 min Scan# 361  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 63 Resp: 944084

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.0	9.2
100	3.6	2.0	5.8





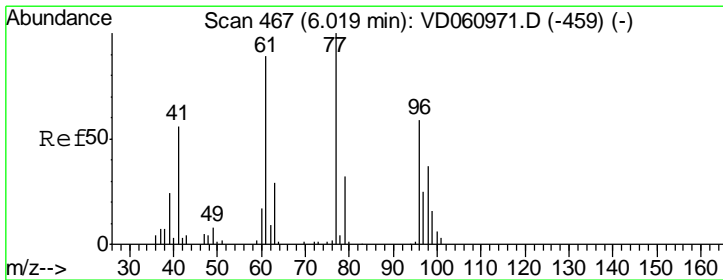
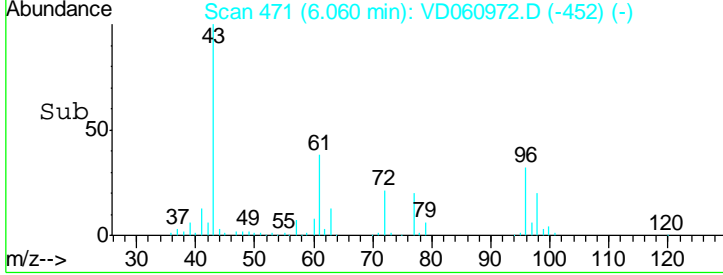
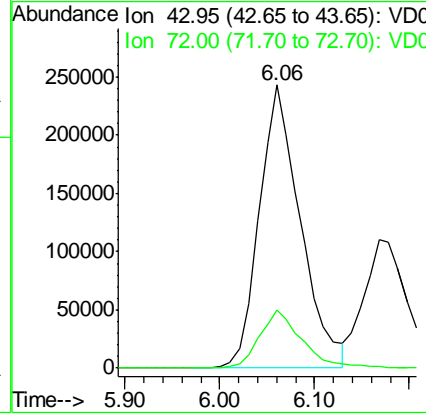
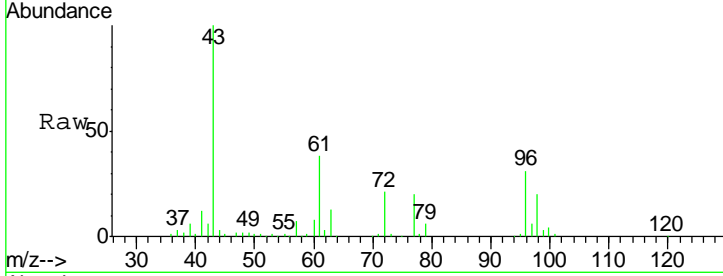


#25  
 2-Butanone  
 Concen: 304.422 ug/l  
 RT: 6.06 min Scan# 471  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 43 Resp: 733306  
 Ion Ratio Lower Upper  
 43 100  
 72 20.5 16.7 25.1

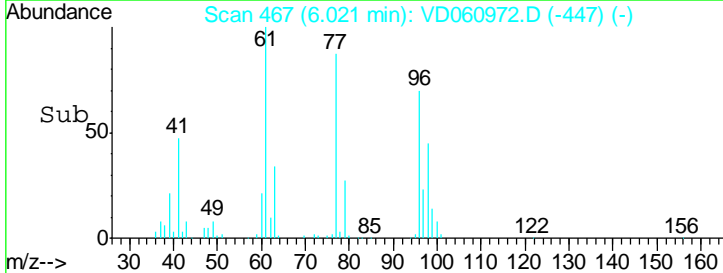
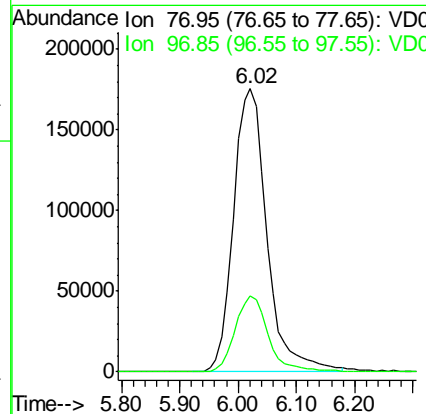
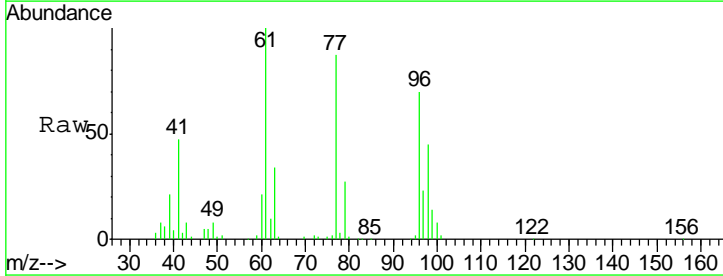
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

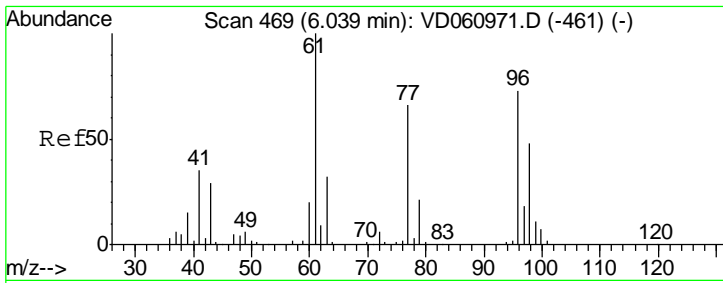
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/8/2019 9:46:33 PM



#26  
 2,2-Dichloropropane  
 Concen: 62.075 ug/l  
 RT: 6.02 min Scan# 467  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 77 Resp: 701366  
 Ion Ratio Lower Upper  
 77 100  
 97 26.7 12.6 37.6



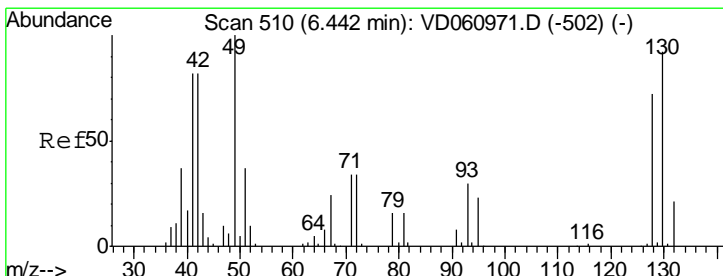
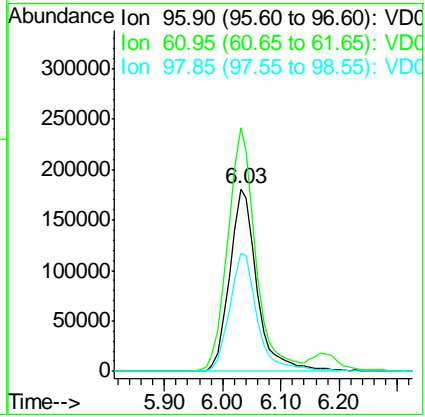
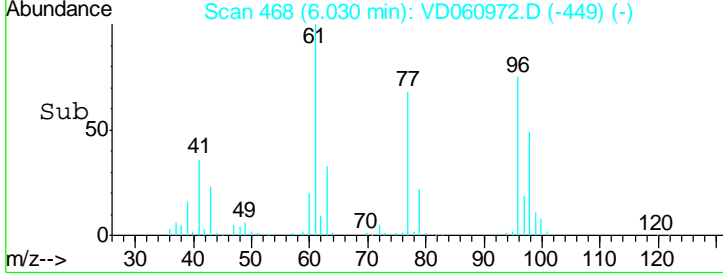
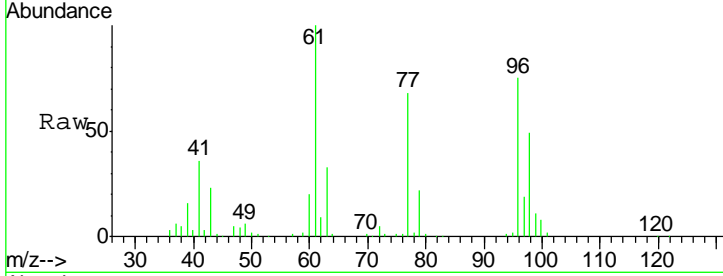


#27  
 cis-1,2-Dichloroethene  
 Concen: 58.619 ug/l  
 RT: 6.03 min Scan# 468  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
96	588953		
96	100		
61	133.2	0.0	273.6
98	64.6	0.0	132.6

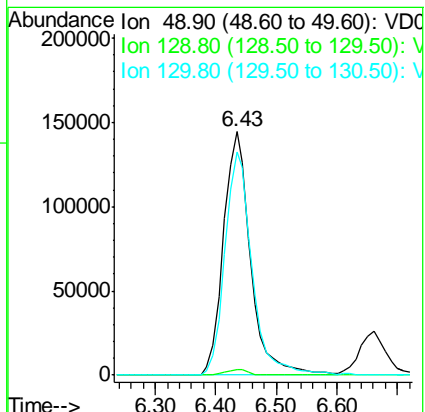
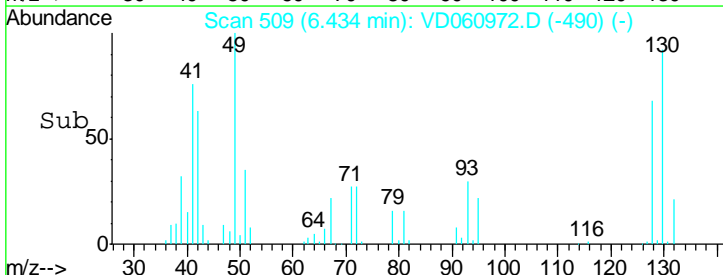
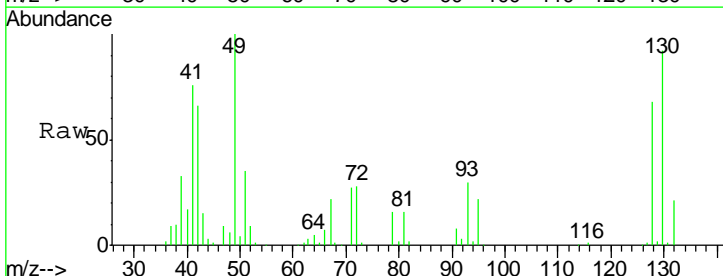
Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

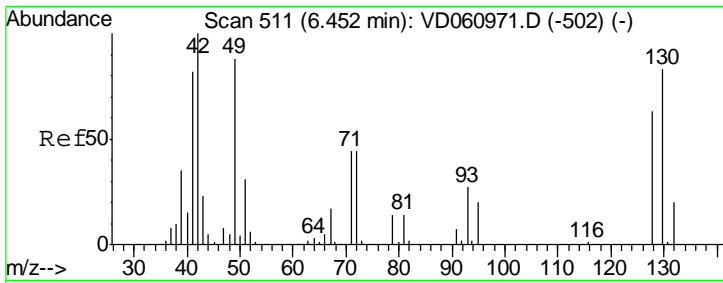
Manual Integrations  
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#28  
 Bromochloromethane  
 Concen: 71.112 ug/l  
 RT: 6.43 min Scan# 509  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
49	449290		
49	100		
129	2.1	0.0	4.0
130	91.8	73.8	110.8





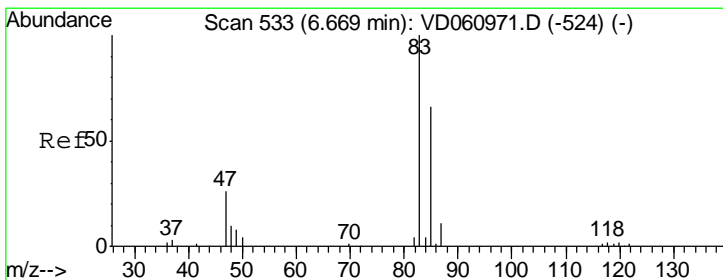
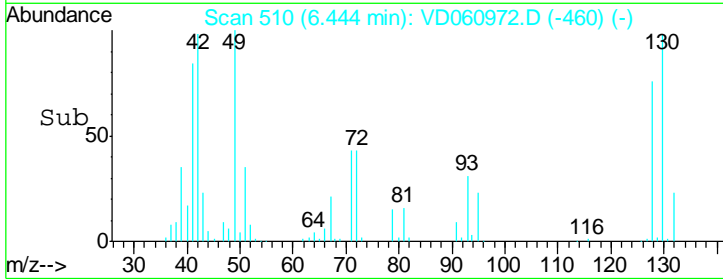
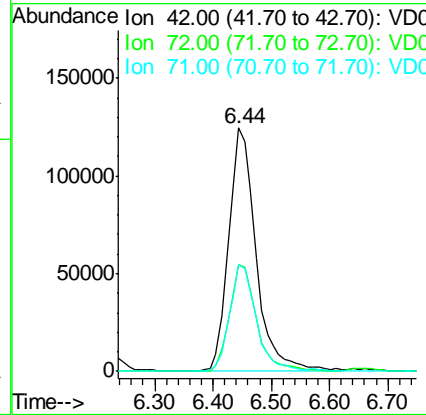
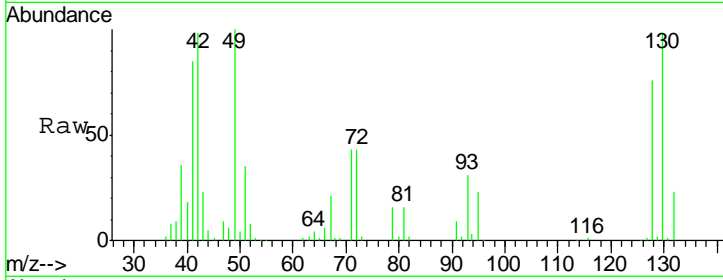
#29  
 Tetrahydrofuran  
 Concen: 323.778 ug/l  
 RT: 6.44 min Scan# 510  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
42	100		
72	43.5	34.5	51.7
71	42.8	33.8	50.6

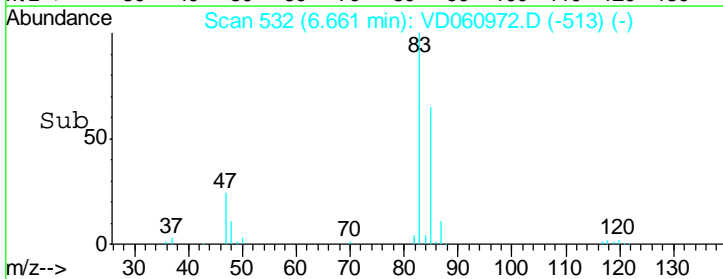
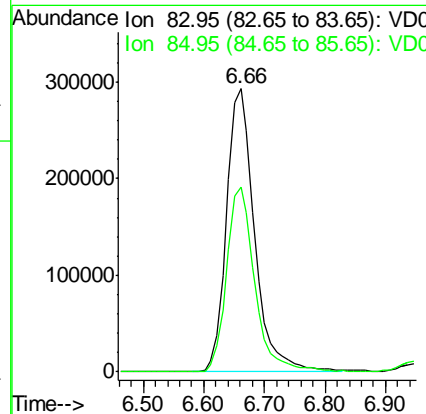
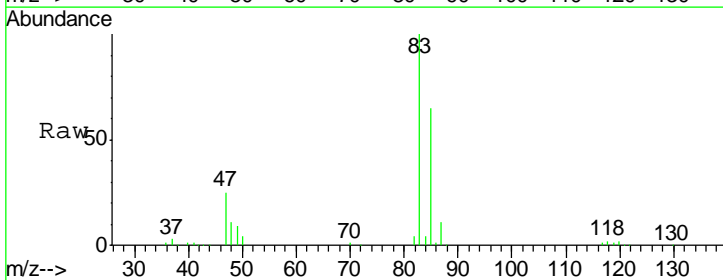
Manual Integrations  
 APPROVED

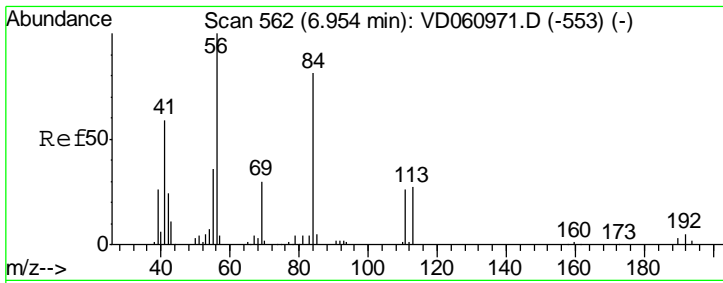
MMDadoda  
 3/8/2019 9:46:33 PM



#30  
 Chloroform  
 Concen: 64.149 ug/l  
 RT: 6.66 min Scan# 532  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
83	100		
85	65.1	53.0	79.4



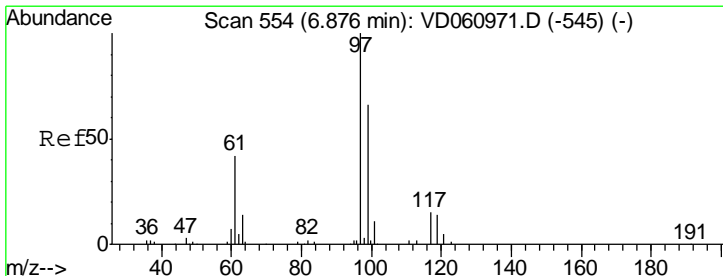
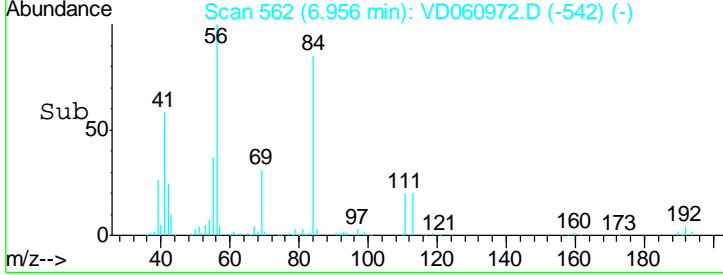
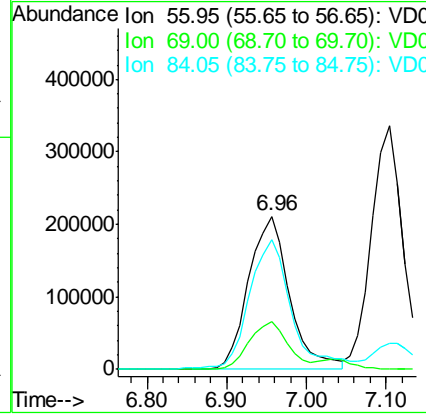
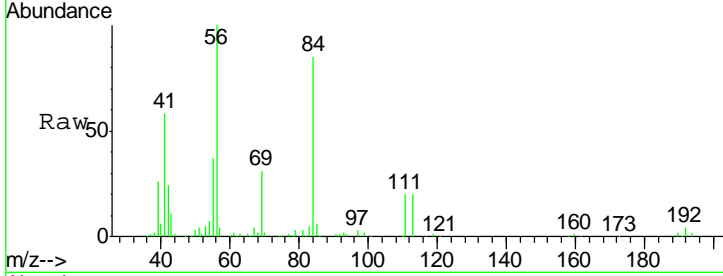


#31  
 Cyclohexane  
 Concen: 57.905 ug/l  
 RT: 6.96 min Scan# 562  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
56	100		
69	30.9	24.0	36.0
84	85.0	65.8	98.6

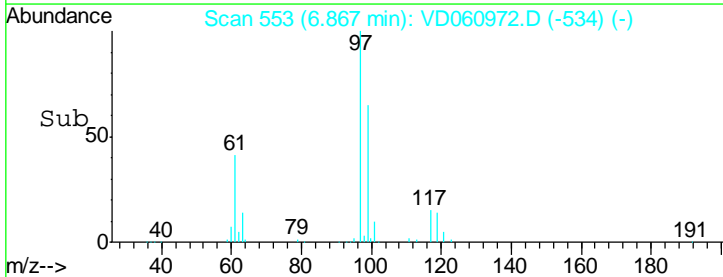
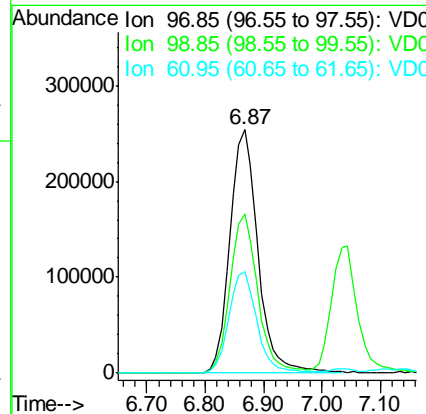
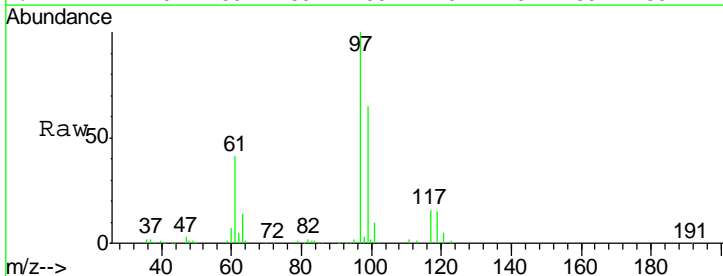
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

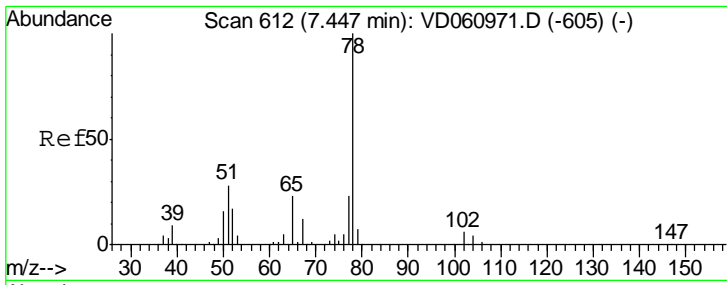
**Manual Integrations**  
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#32  
 1,1,1-Trichloroethane  
 Concen: 67.190 ug/l  
 RT: 6.87 min Scan# 553  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
97	100		
99	65.1	53.2	79.8
61	41.5	33.8	50.8





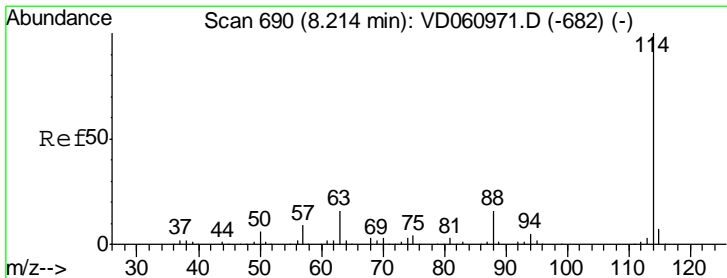
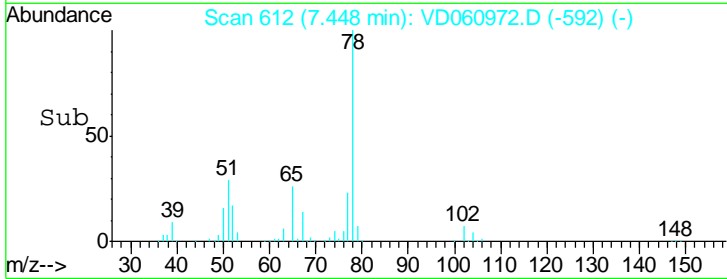
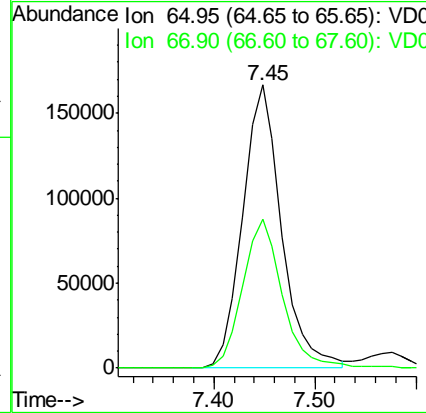
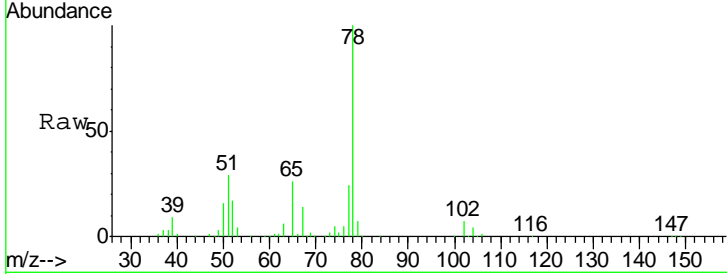
#33  
 1,2-Dichloroethane-d4  
 Concen: 67.190 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
65	100		
67	52.8	0.0	105.2

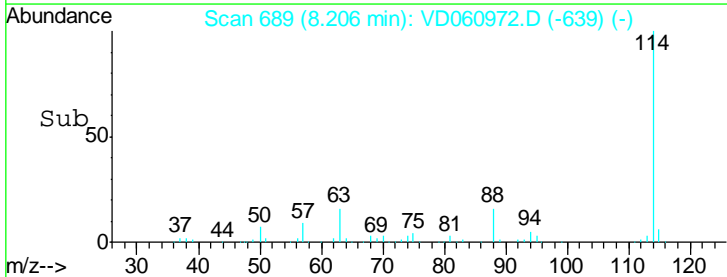
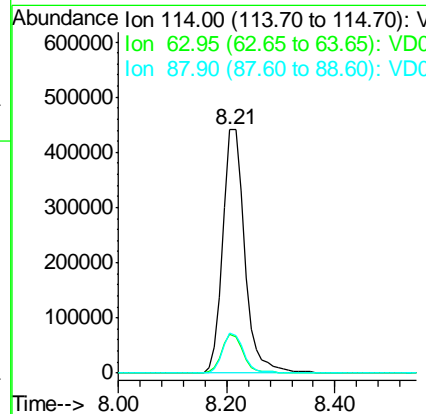
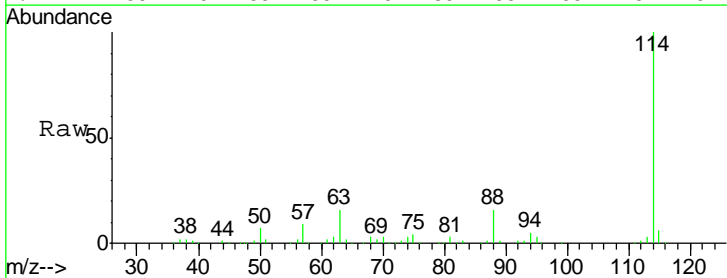
Manual Integrations  
 APPROVED

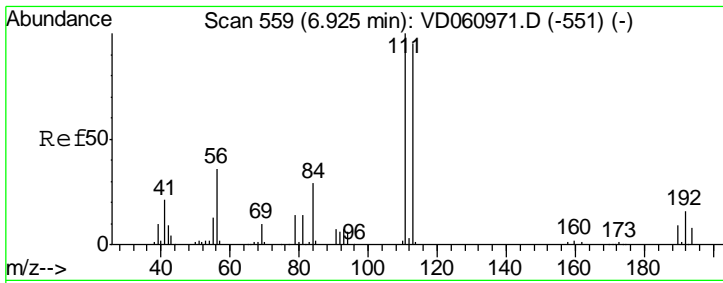
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 689  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
114	100		
63	16.0	0.0	31.4
88	16.4	0.0	33.0





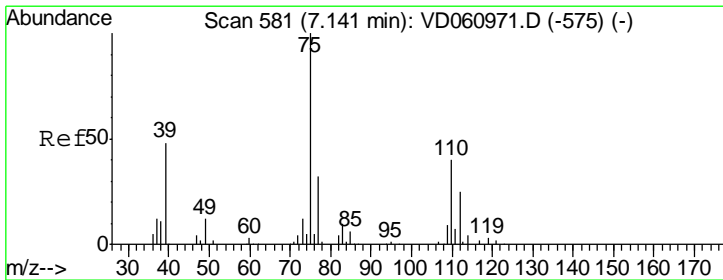
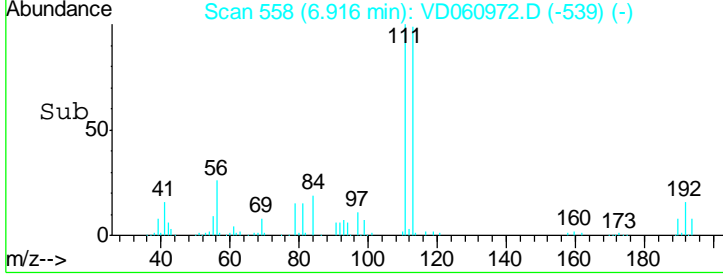
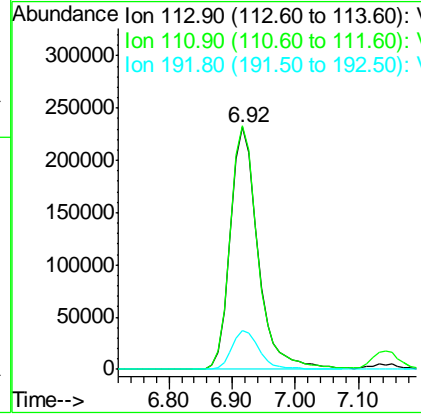
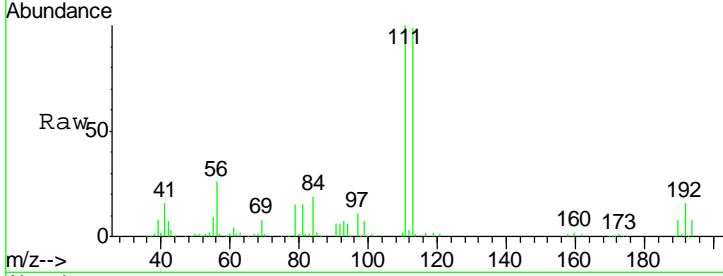
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 6.92 min Scan# 558  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
113	701909		
113	100		
111	100.7	84.2	126.4
192	16.3	13.1	19.7

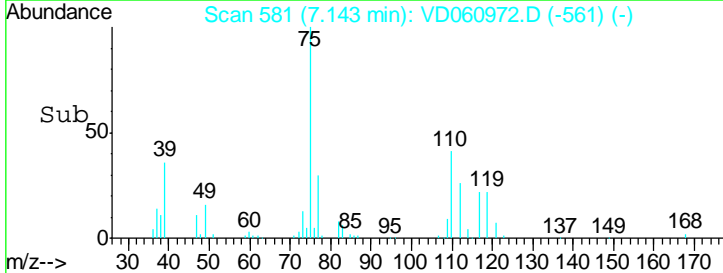
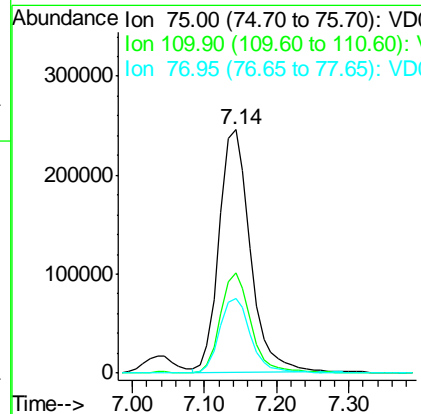
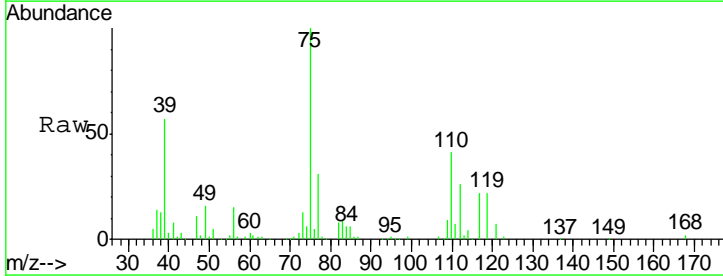
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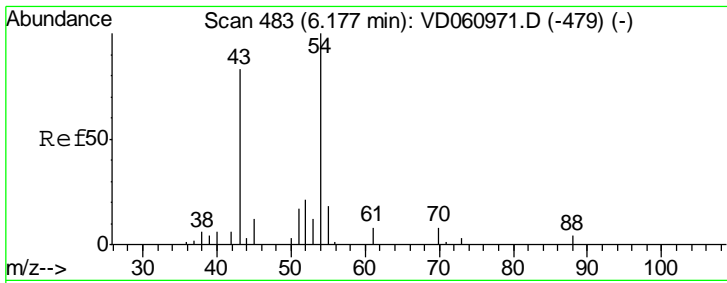
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#36  
 1,1-Dichloropropene  
 Concen: 64.529 ug/l  
 RT: 7.14 min Scan# 581  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
75	733137		
75	100		
110	41.2	19.7	59.1
77	30.9	24.7	37.1



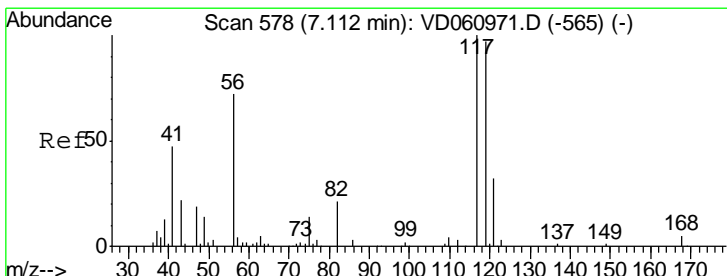
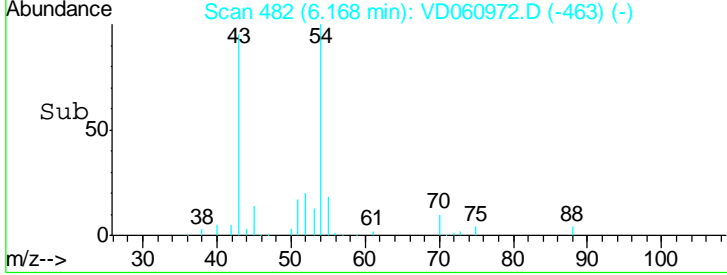
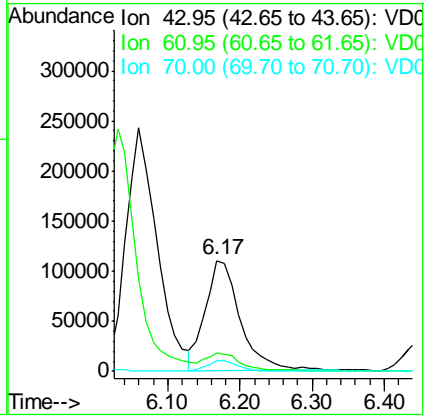
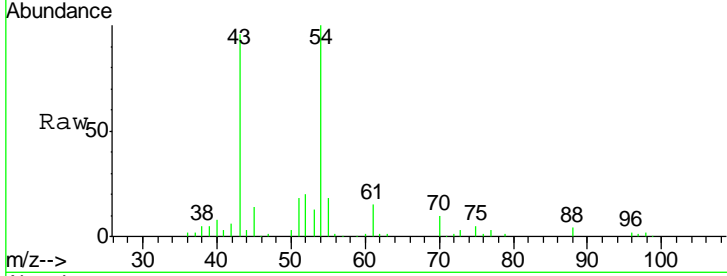


#37  
Ethyl Acetate  
Concen: 62.736 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. -0.01 min  
Lab File: VD060972.D  
Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
ClientSampled : VSTDIC075

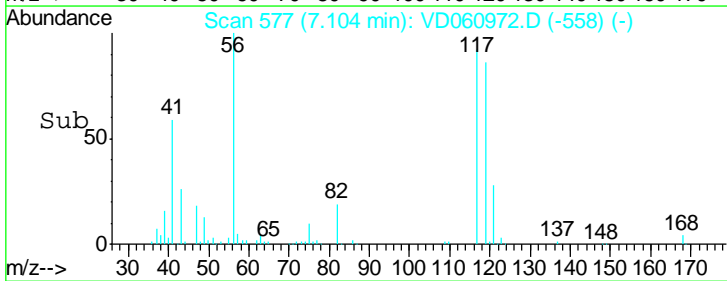
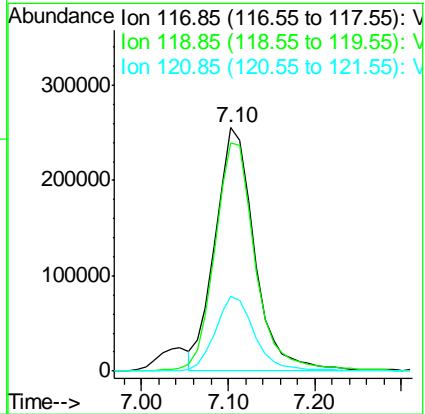
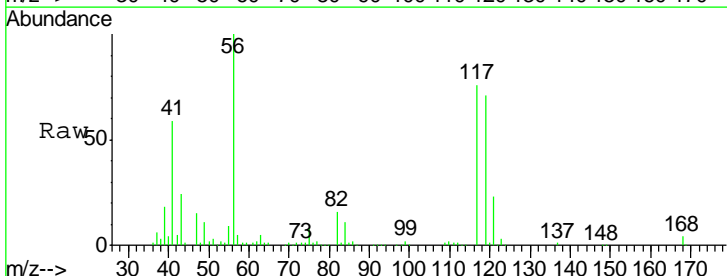
Tgt Ion	Resp	Lower	Upper
43	100		
61	16.0	13.7	20.5
70	9.9	7.1	10.7

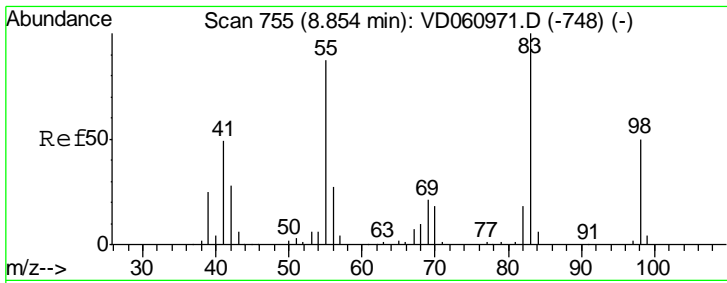
Manual Integrations APPROVED  
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#38  
Carbon Tetrachloride  
Concen: 65.719 ug/l m  
RT: 7.10 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VD060972.D  
Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
117	100		
119	93.5	77.8	116.8
121	30.9	25.3	37.9





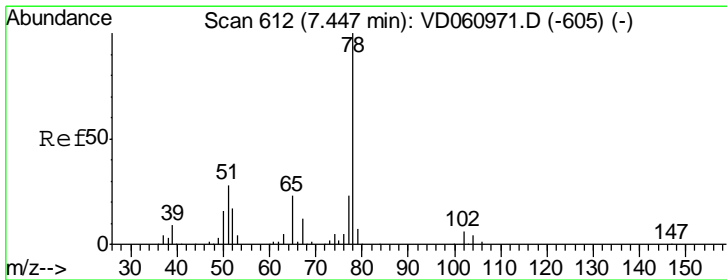
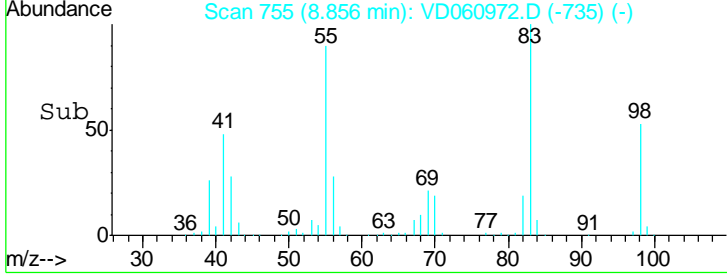
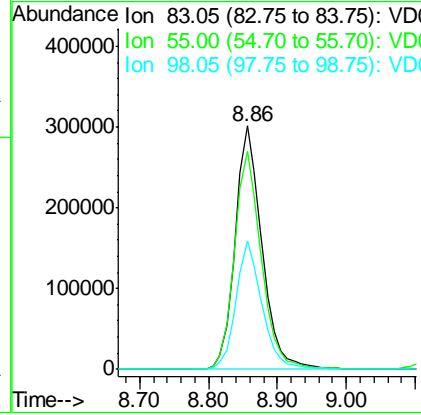
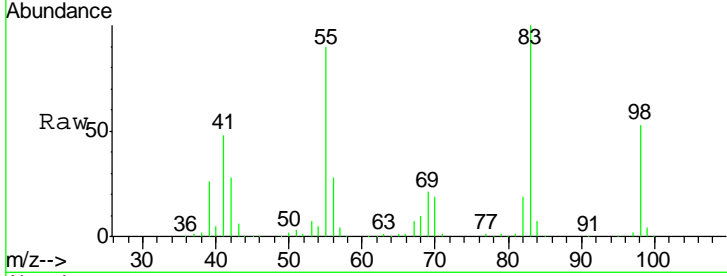
#39  
 Methylcyclohexane  
 Concen: 65.519 ug/l  
 RT: 8.86 min Scan# 755  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

Tgt Ion: 83 Resp: 811274

Ion	Ratio	Lower	Upper
83	100		
55	89.8	69.6	104.4
98	52.9	40.0	60.0

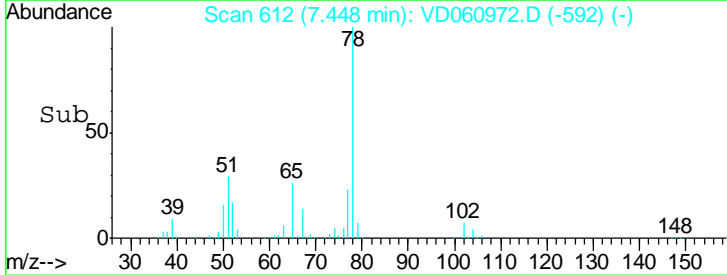
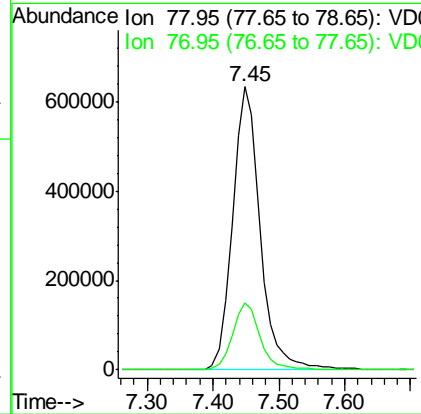
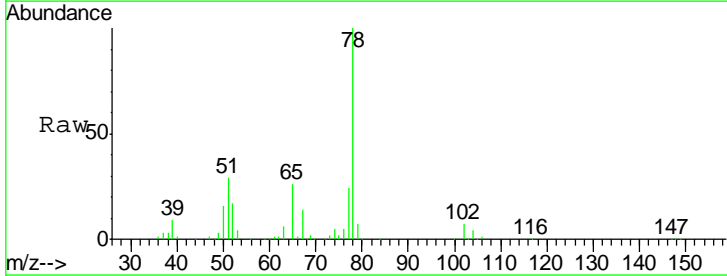
**Manual Integrations**  
**APPROVED**  
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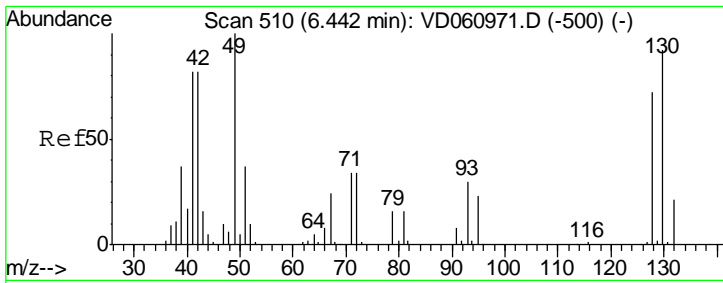
#40  
 Benzene  
 Concen: 63.204 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 78 Resp: 1852928

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2







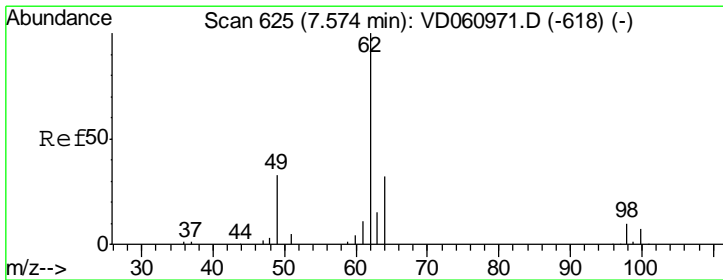
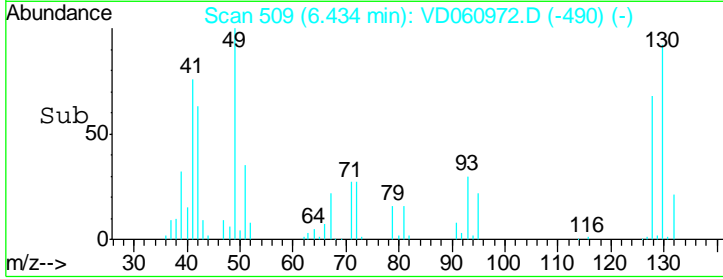
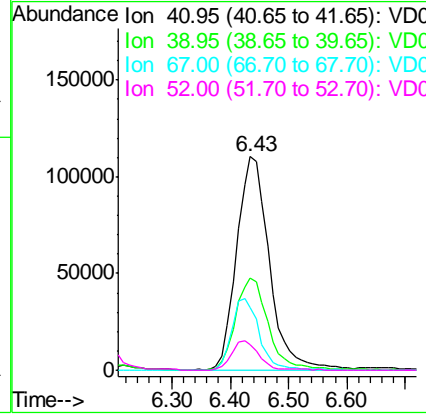
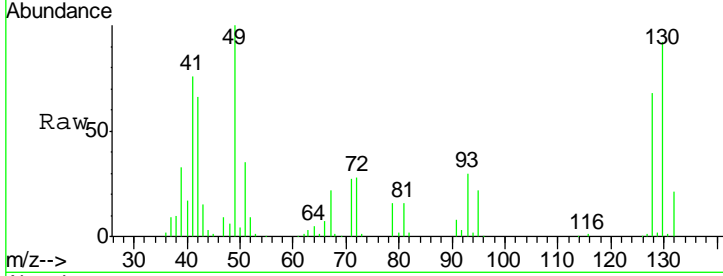
#41  
 Methacrylonitrile  
 Concen: 104.220 ug/l  
 RT: 6.43 min Scan# 509  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
41	100		
39	42.9	35.7	53.5
67	29.1	23.0	34.6
52	12.1	9.2	13.8

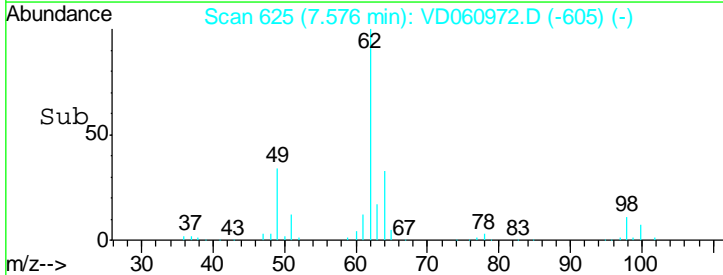
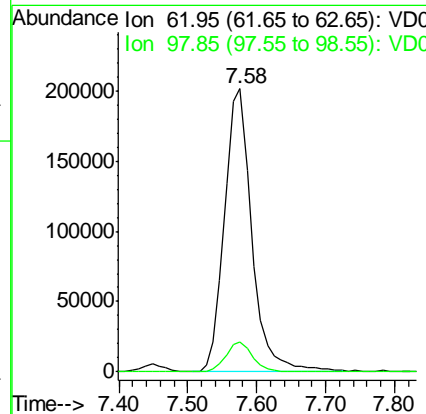
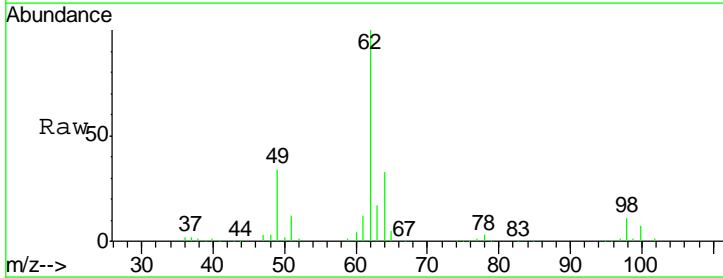
Manual Integrations  
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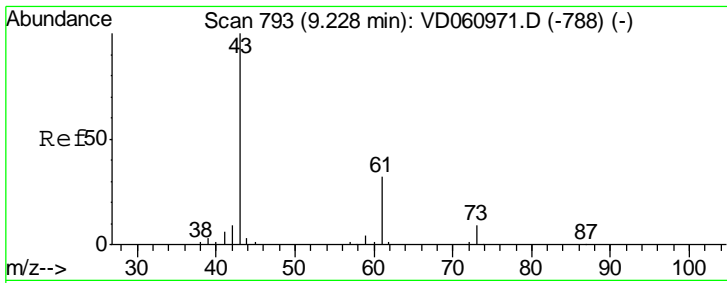
MMDadoda  
 3/8/2019 9:46:33 PM



#42  
 1,2-Dichloroethane  
 Concen: 67.048 ug/l  
 RT: 7.58 min Scan# 625  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
62	100		
98	10.8	0.0	20.4



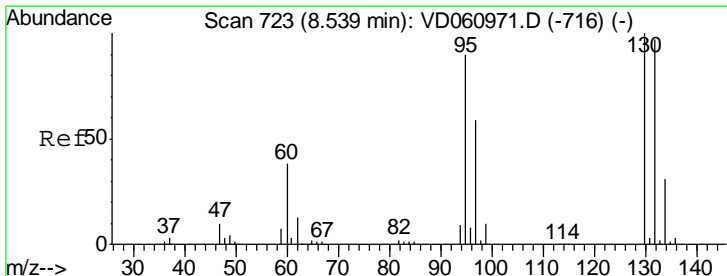
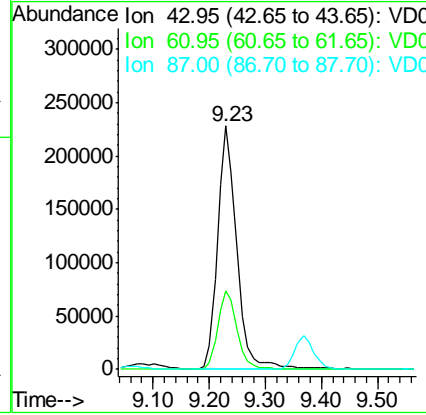
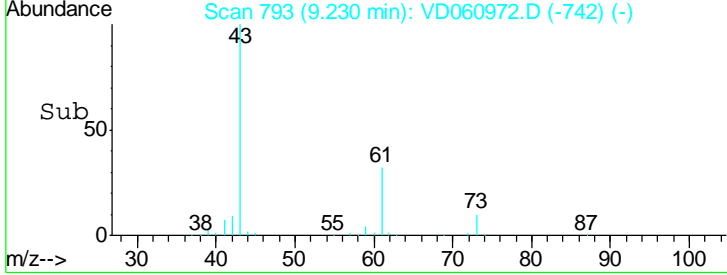
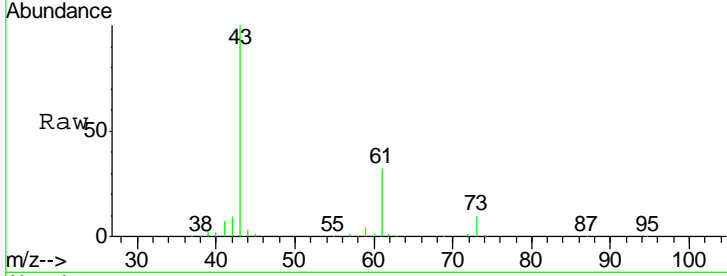


#43  
 Isopropyl Acetate  
 Concen: 67.422 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
43	100		
61	32.5	25.6	38.4
87	0.3	0.2	0.4

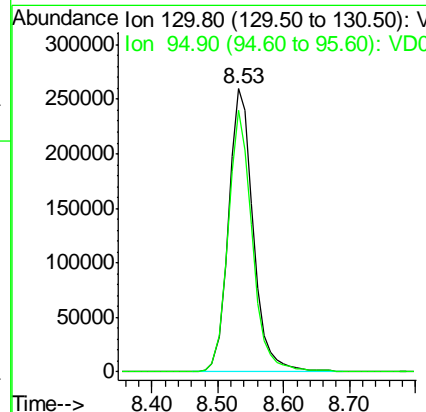
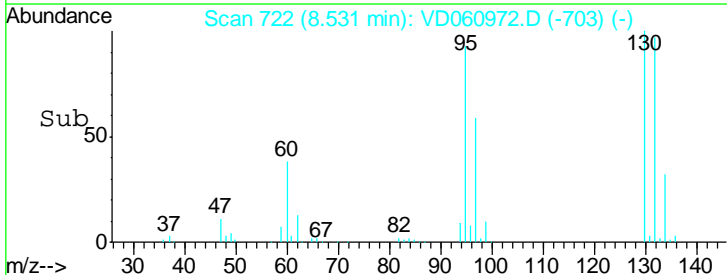
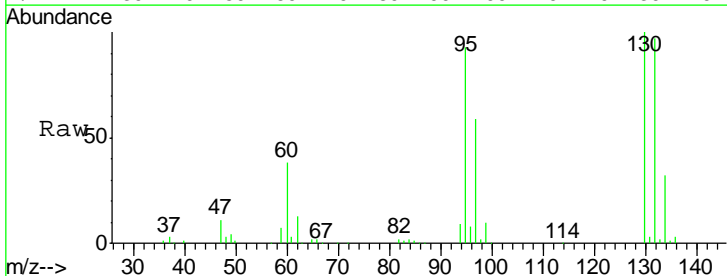
Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

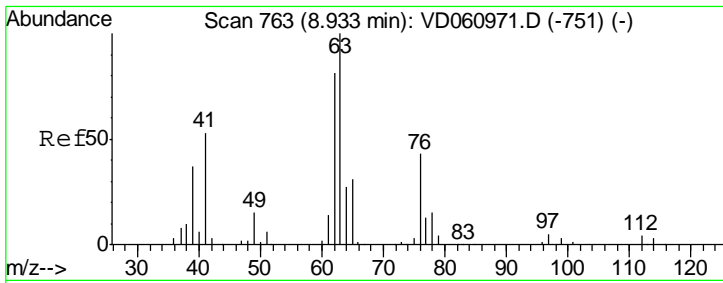
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#44  
 Trichloroethene  
 Concen: 68.613 ug/l  
 RT: 8.53 min Scan# 722  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
130	100		
95	92.5	0.0	179.4





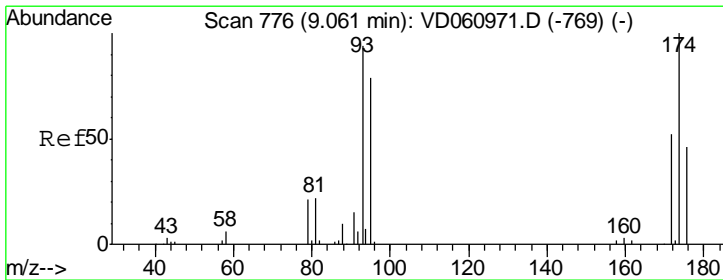
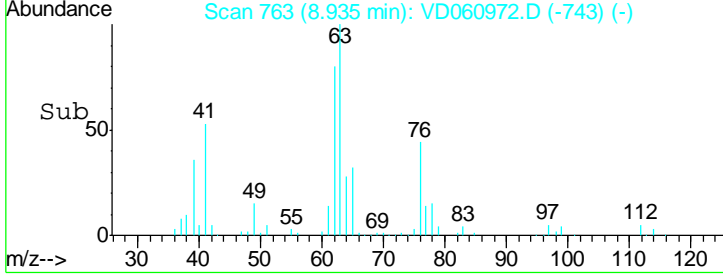
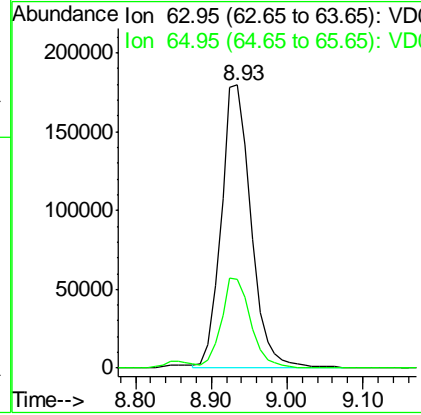
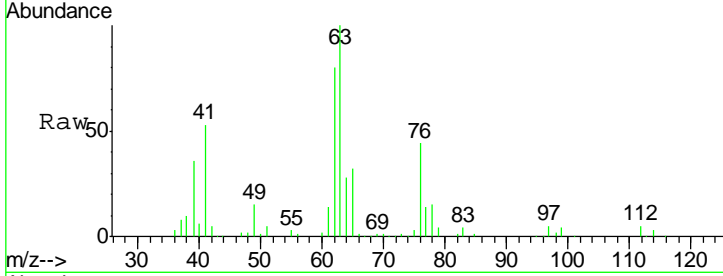
#45  
 1,2-Dichloropropane  
 Concen: 63.573 ug/l  
 RT: 8.93 min Scan# 763  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
63	100		
65	31.5	24.8	37.2

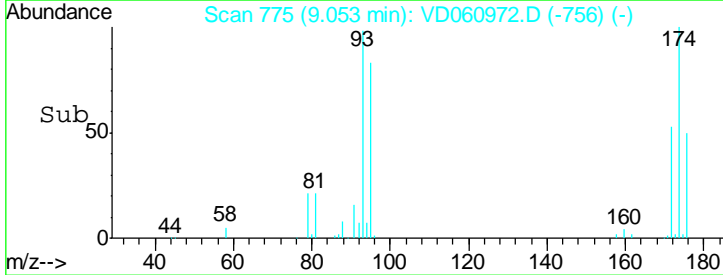
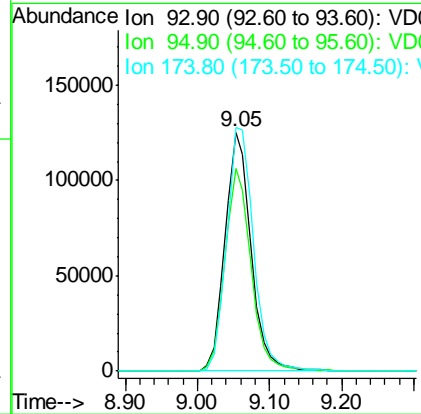
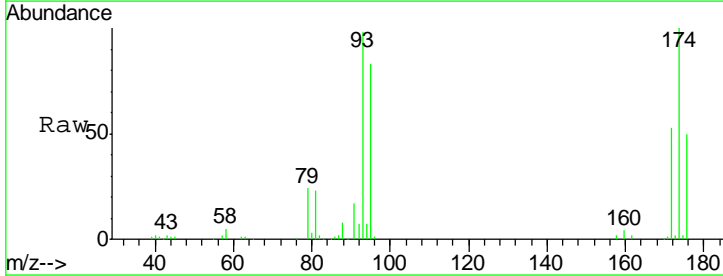
Manual Integrations  
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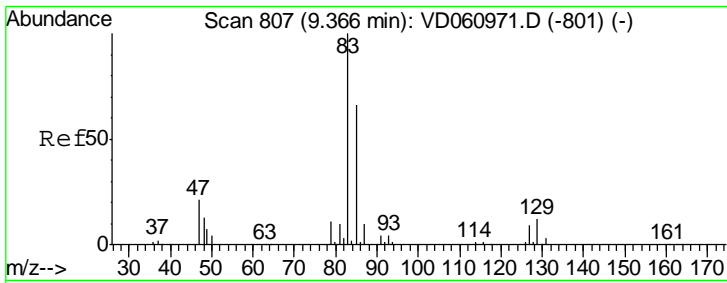
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 3/8/2019 9:46:33 PM



#46  
 Dibromomethane  
 Concen: 63.391 ug/l  
 RT: 9.05 min Scan# 775  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
93	100		
95	84.7	67.4	101.0
174	101.9	85.4	128.0





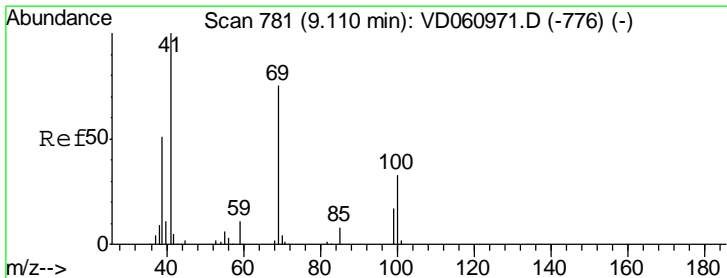
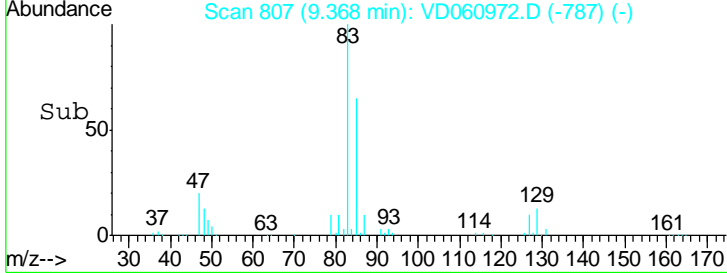
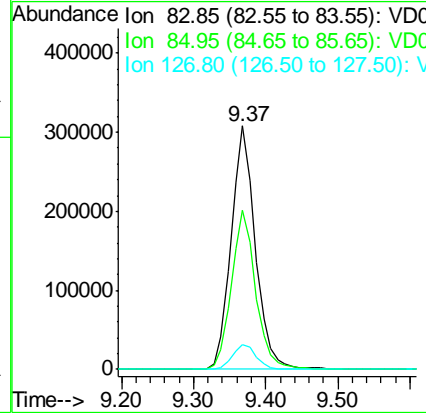
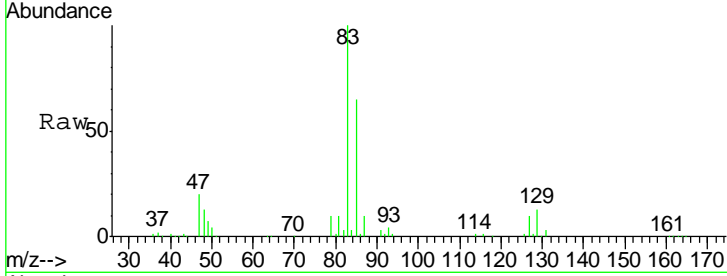
#47  
 Bromodichloromethane  
 Concen: 65.572 ug/l  
 RT: 9.37 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
83	100		
85	65.1	52.5	78.7
127	9.9	7.5	11.3

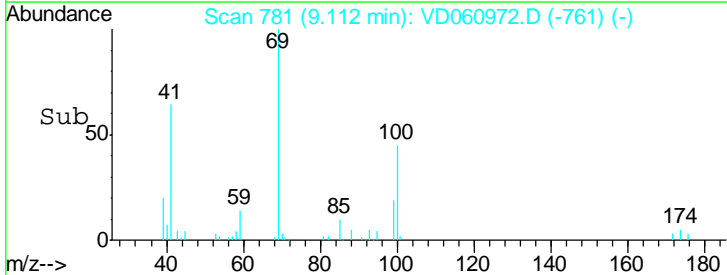
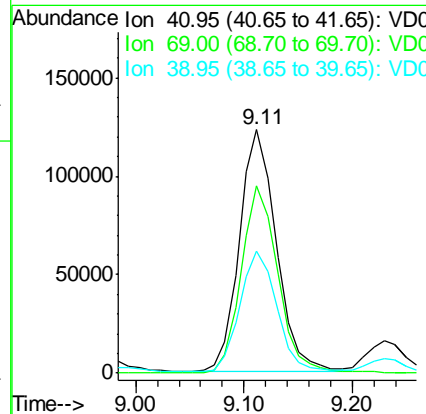
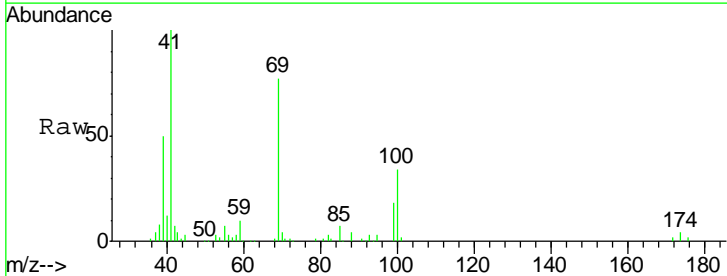
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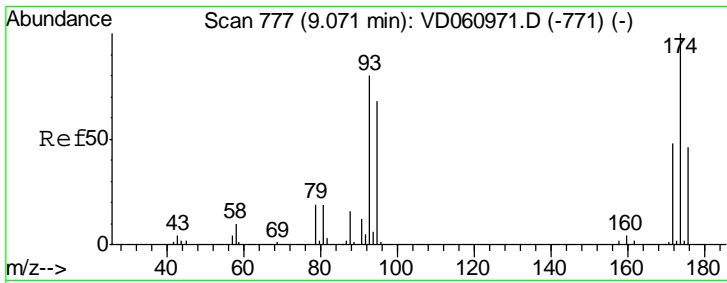
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#48  
 Methyl methacrylate  
 Concen: 63.795 ug/l  
 RT: 9.11 min Scan# 781  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
41	100		
69	76.8	59.9	89.9
39	50.3	40.9	61.3



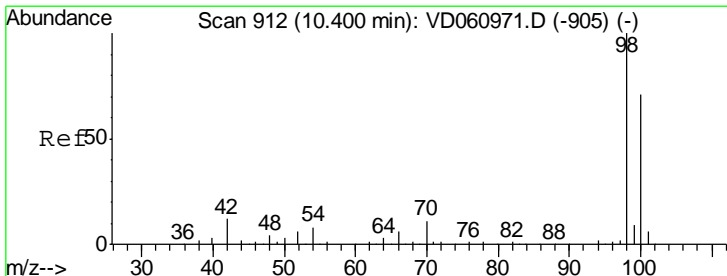
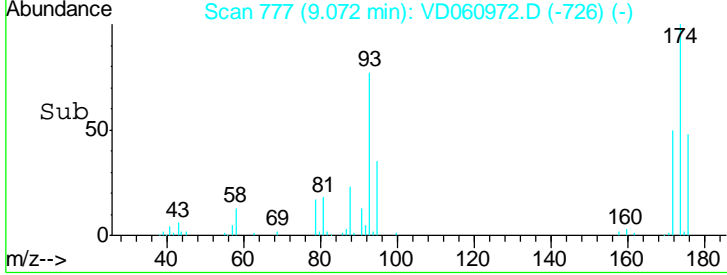
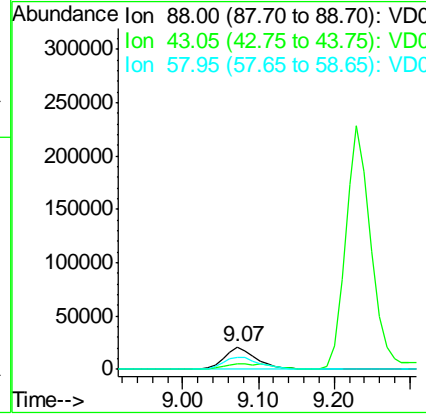
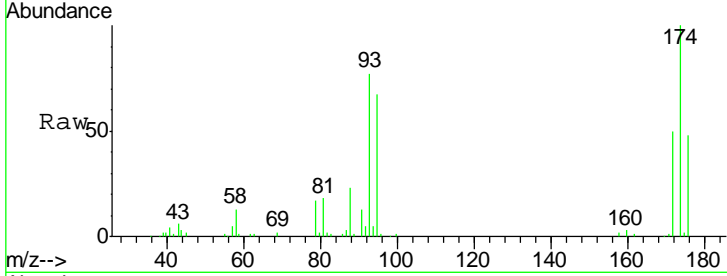


#49  
 1,4-Dioxane  
 Concen: 1291.525 ug/l  
 RT: 9.07 min Scan# 777  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

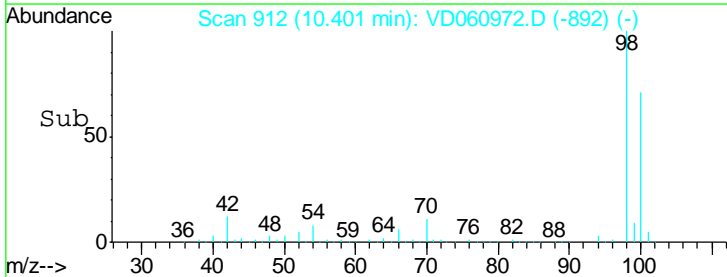
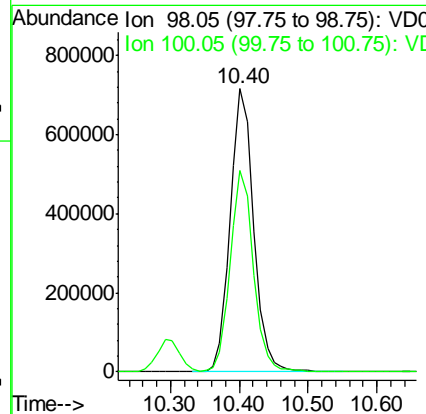
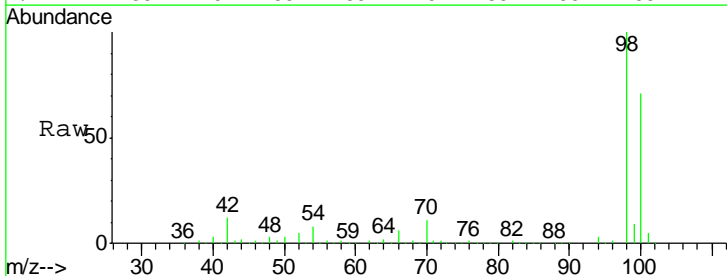
Tgt Ion	Resp	Lower	Upper
88	60536		
88	100		
43	26.4	21.0	31.6
58	55.5	48.6	72.8

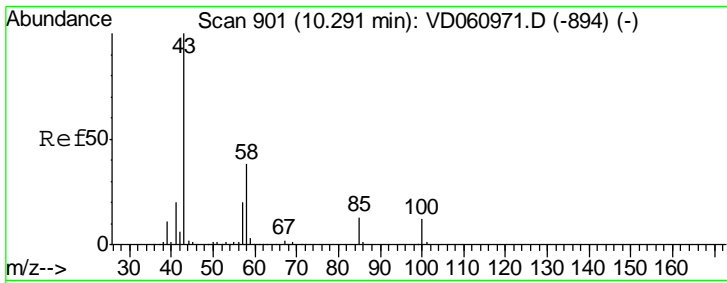
Manual Integrations  
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#50  
 Toluene-d8  
 Concen: 1291.525 ug/l  
 RT: 10.40 min Scan# 912  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
98	1692748		
98	100		
100	71.3	57.4	86.2





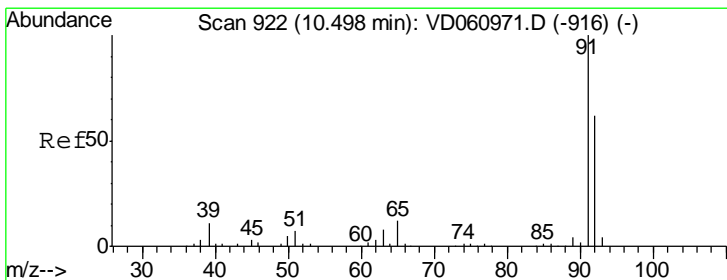
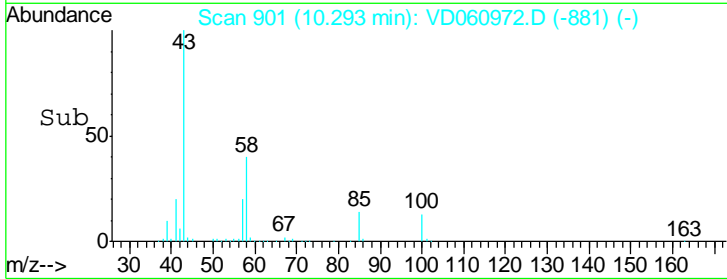
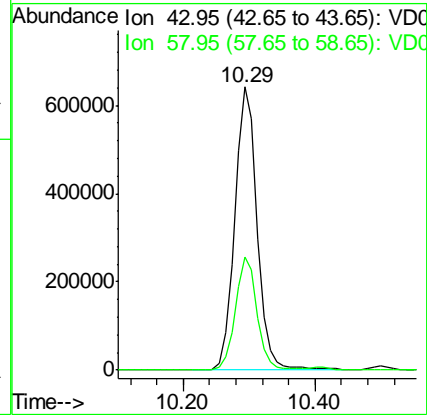
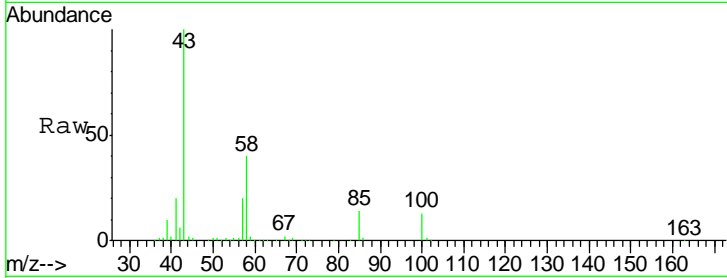
#51  
 4-Methyl-2-Pentanone  
 Concen: 309.764 ug/l  
 RT: 10.29 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion: 43 Resp: 1527800

Ion	Ratio	Lower	Upper
43	100		
58	39.8	30.2	45.2

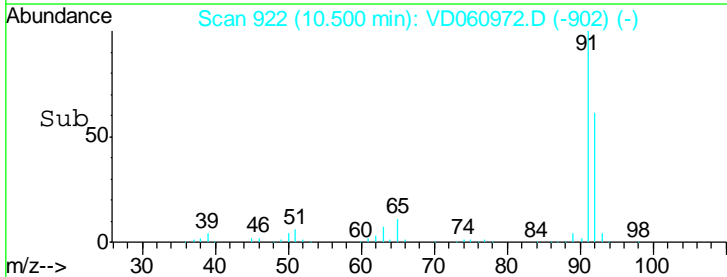
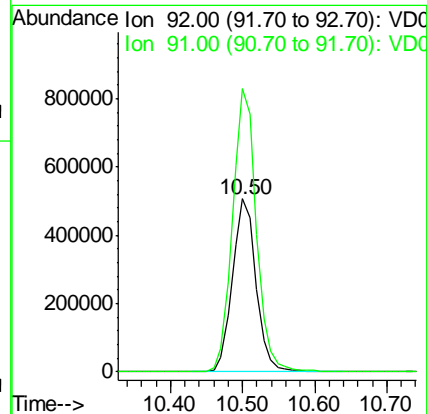
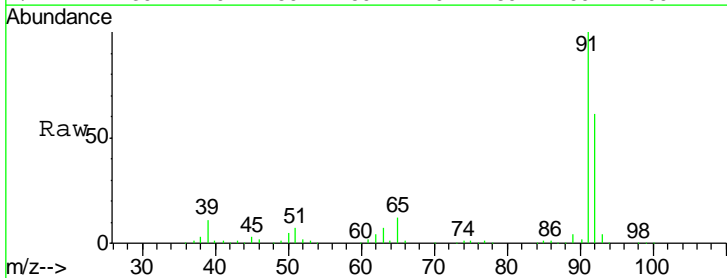
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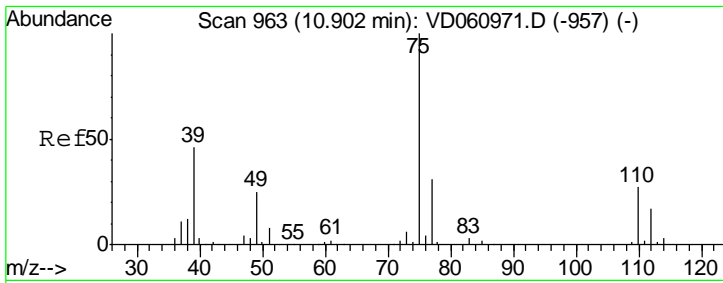


#52  
 Toluene  
 Concen: 62.032 ug/l  
 RT: 10.50 min Scan# 922  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 92 Resp: 1157392

Ion	Ratio	Lower	Upper
92	100		
91	163.7	129.8	194.8



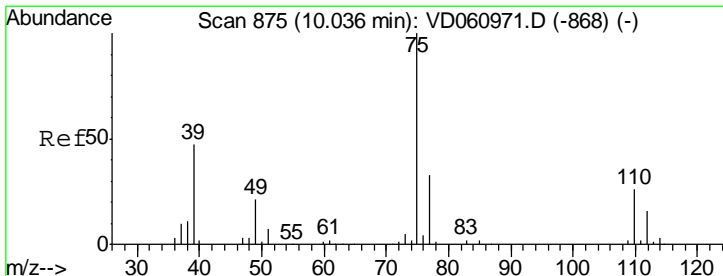
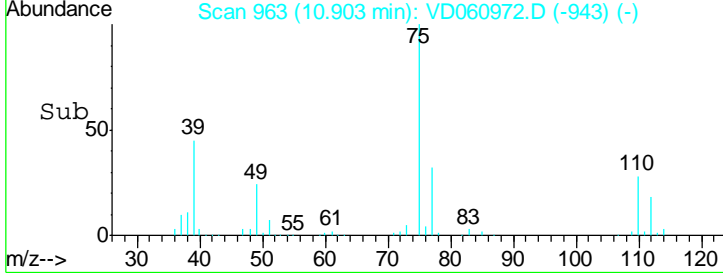
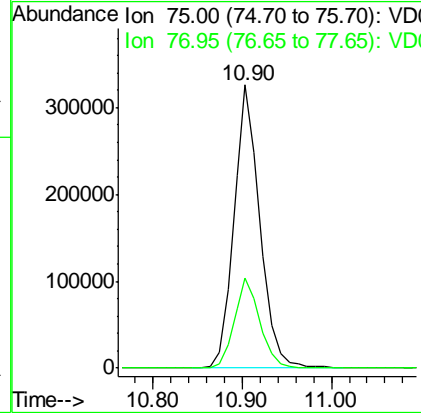
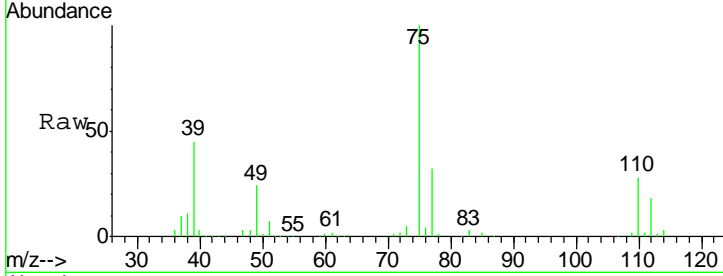


#53  
 t-1,3-Dichloropropene  
 Concen: 66.629 ug/l  
 RT: 10.90 min Scan# 963  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

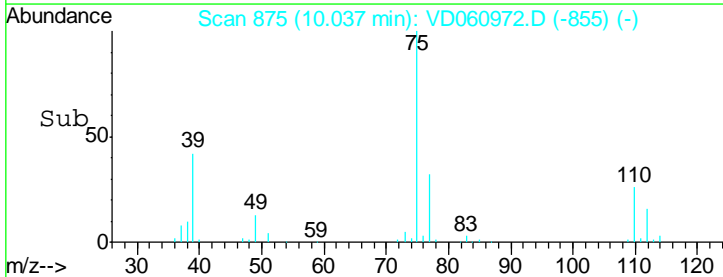
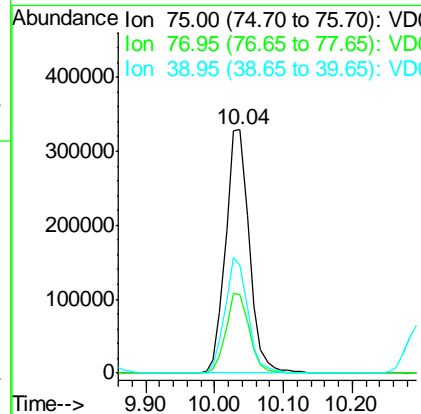
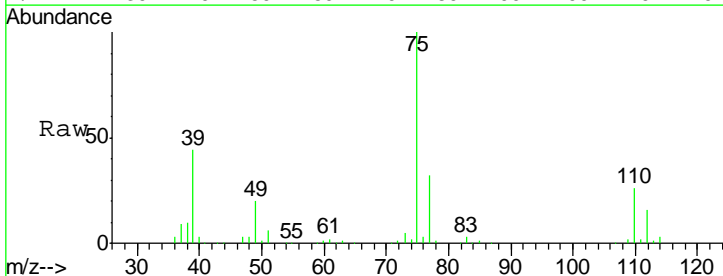
Tgt Ion: 75 Resp: 662183  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 24.7 37.1

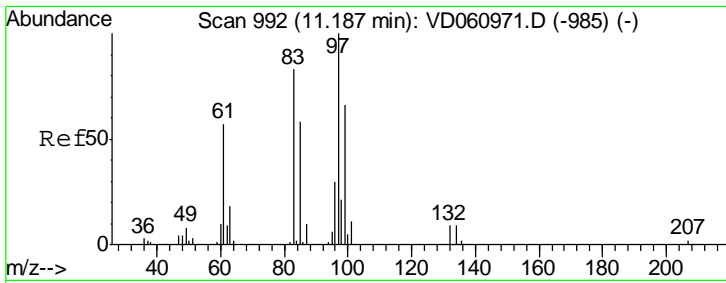
Manual Integrations  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 64.421 ug/l  
 RT: 10.04 min Scan# 875  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 75 Resp: 785298  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 26.2 39.4  
 39 44.4 37.8 56.8





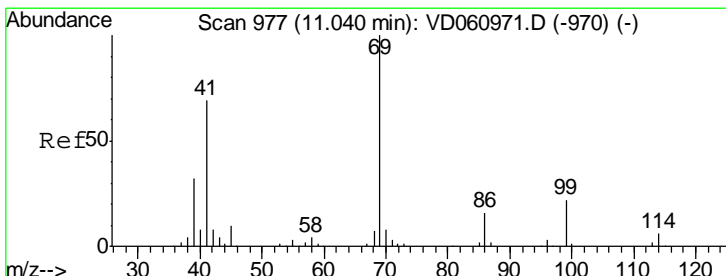
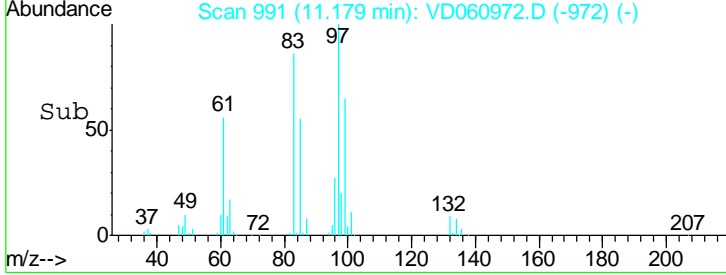
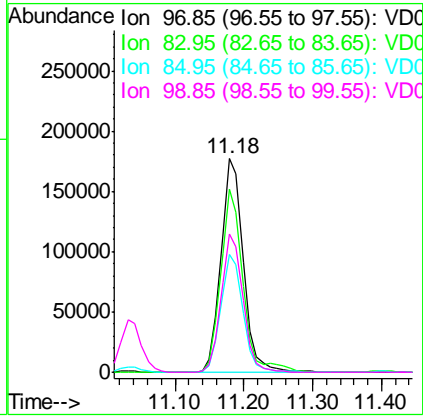
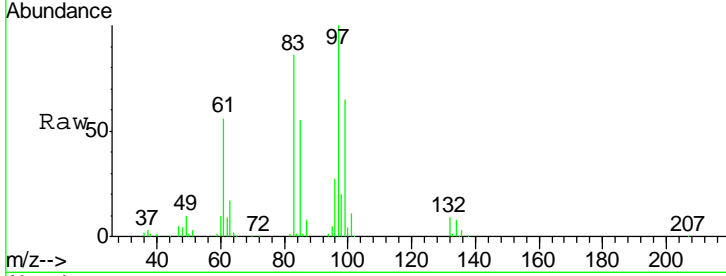
#55  
 1,1,2-Trichloroethane  
 Concen: 64.543 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
97	100		
83	86.0	66.6	100.0
85	54.9	46.4	69.6
99	64.7	52.4	78.6

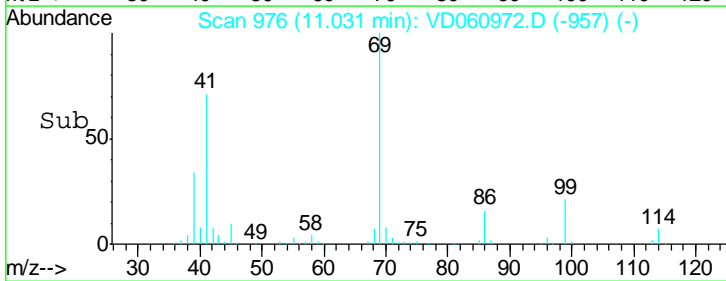
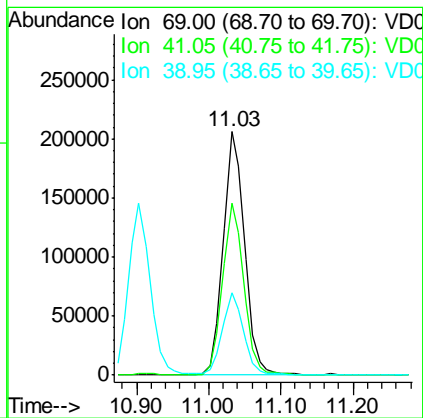
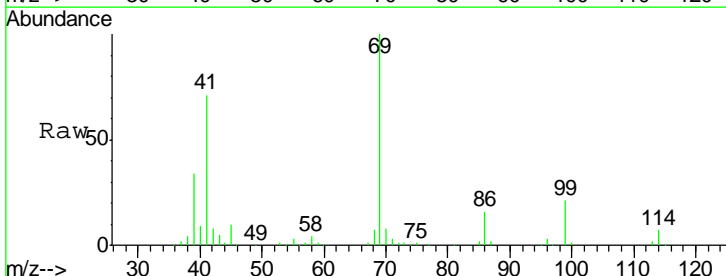
Manual Integrations  
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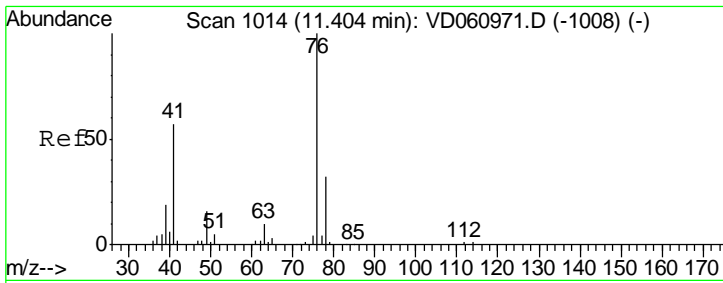


#56  
 Ethyl methacrylate  
 Concen: 65.545 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
69	100		
41	70.6	55.5	83.3
39	33.8	26.2	39.2







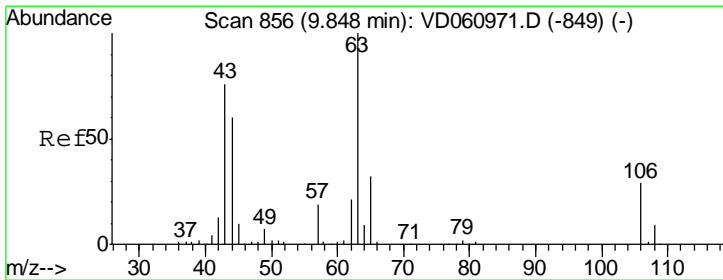
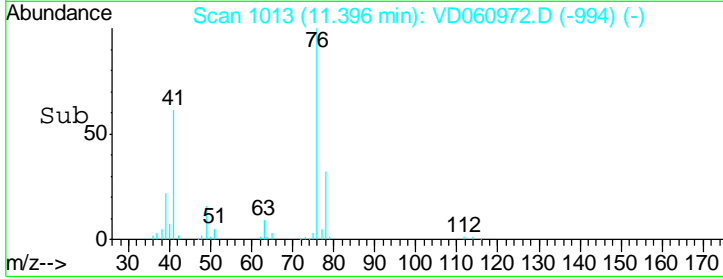
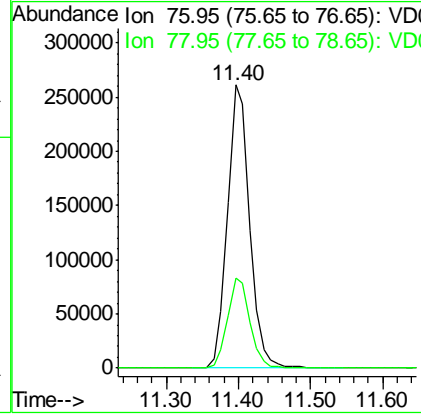
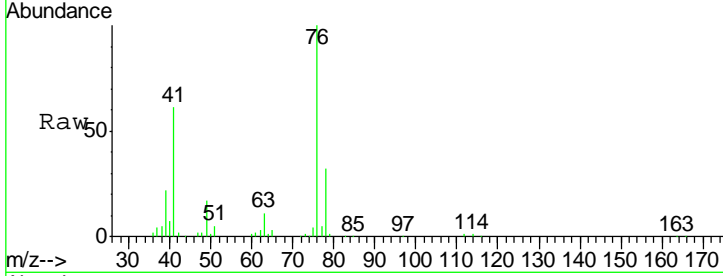
#57  
 1,3-Dichloropropane  
 Concen: 61.951 ug/l  
 RT: 11.40 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampleID : VSTDIC075

Tgt Ion	Resp	Lower	Upper
76	52499		
76	100		
78	32.0	25.4	38.0

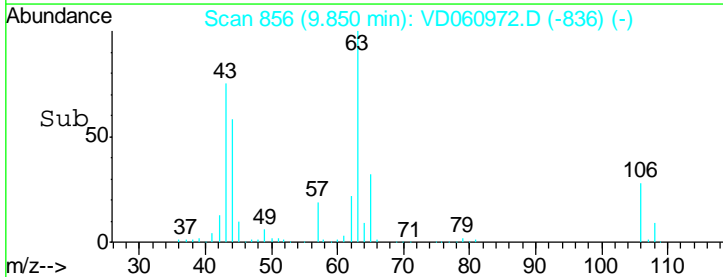
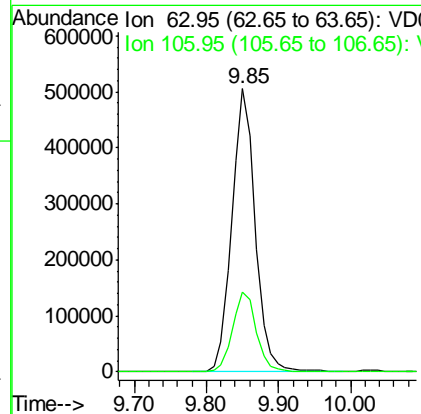
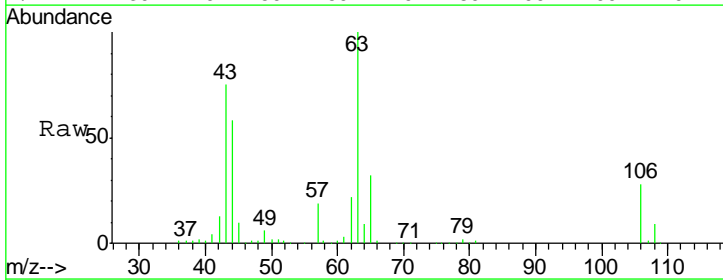
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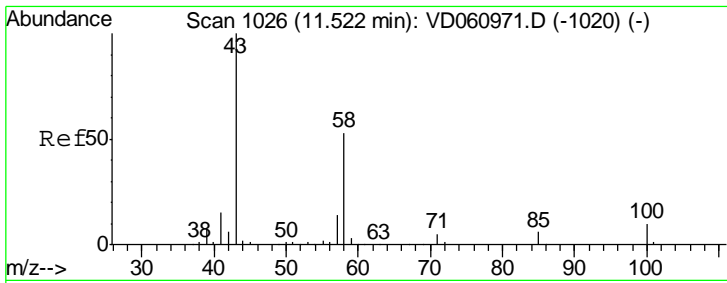
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 328.657 ug/l  
 RT: 9.85 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
63	1139518		
63	100		
106	28.2	22.8	34.2





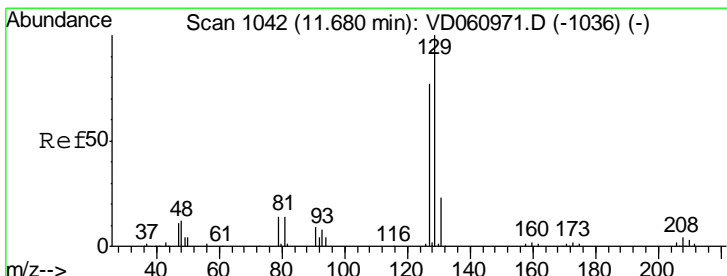
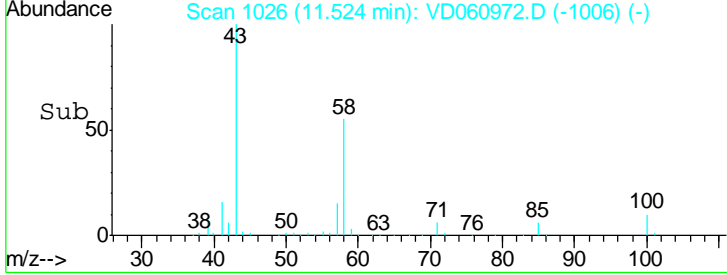
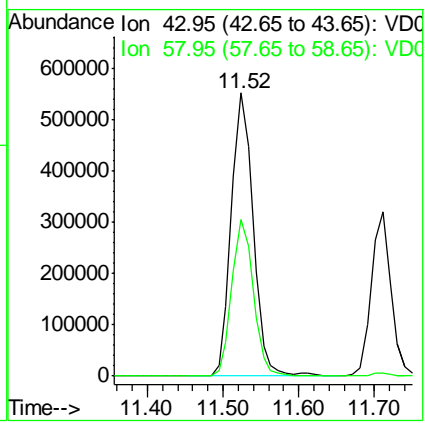
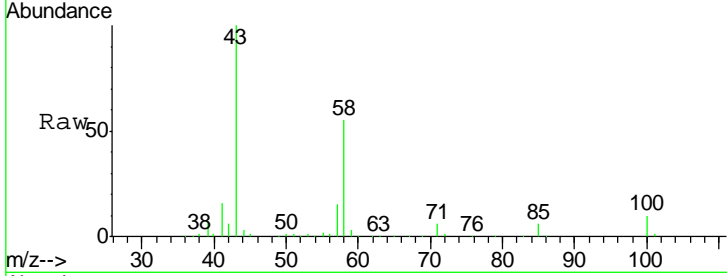
#59  
 2-Hexanone  
 Concen: 319.897 ug/l  
 RT: 11.52 min Scan# 1026  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tot Ion: 43 Resp: 1107149

Ion	Ratio	Lower	Upper
43	100		
58	55.2	26.5	79.5

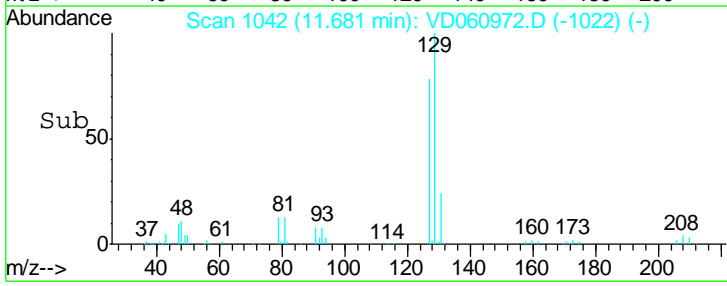
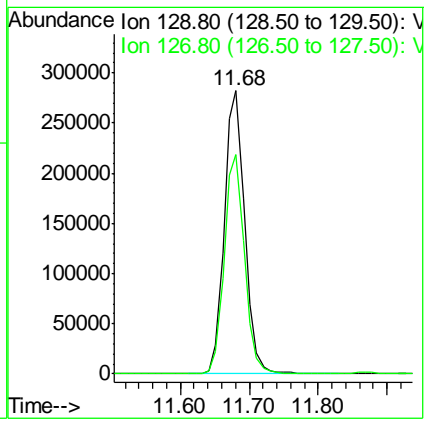
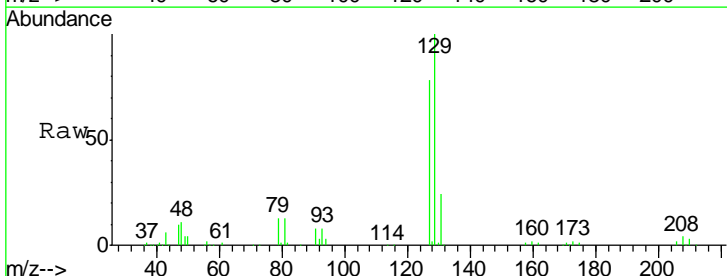
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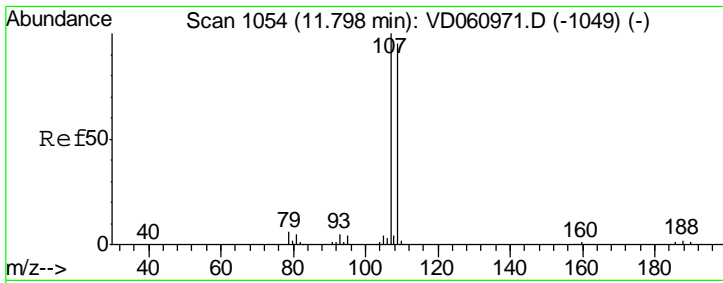


#60  
 Dibromochloromethane  
 Concen: 64.504 ug/l  
 RT: 11.68 min Scan# 1042  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 129 Resp: 574916

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.3	114.9





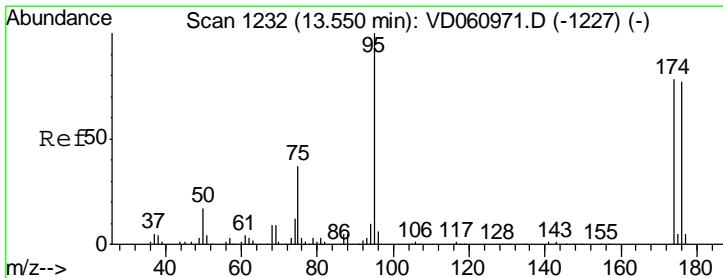
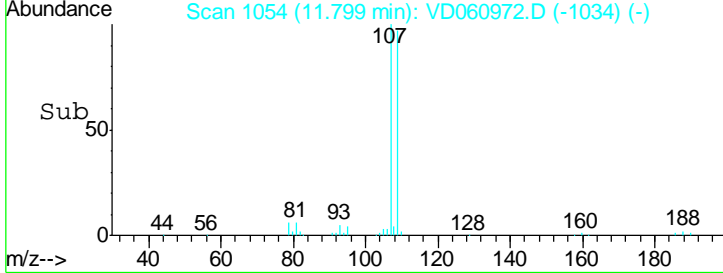
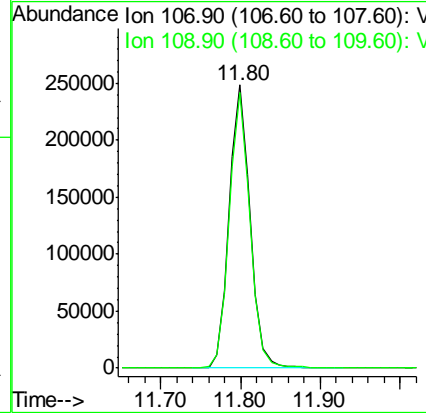
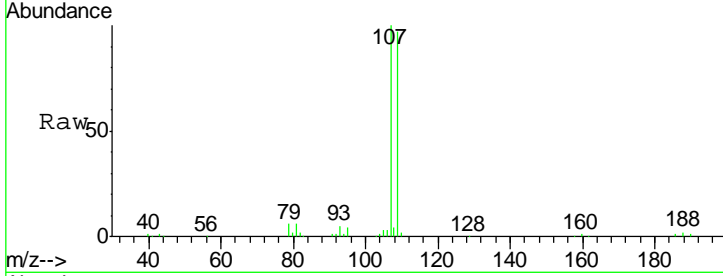
#61  
 1,2-Dibromoethane  
 Concen: 63.632 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
107	100		
109	97.4	75.6	113.4

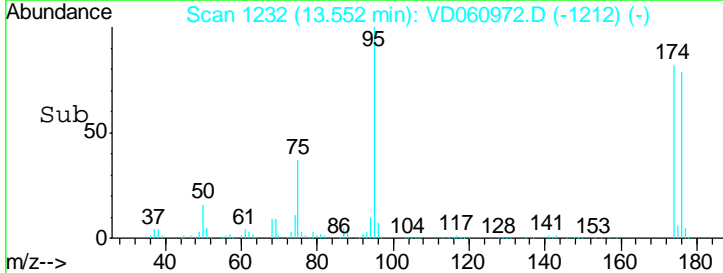
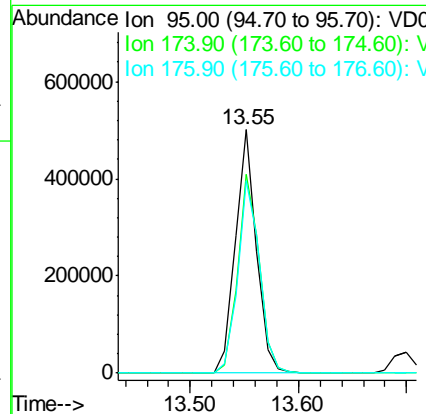
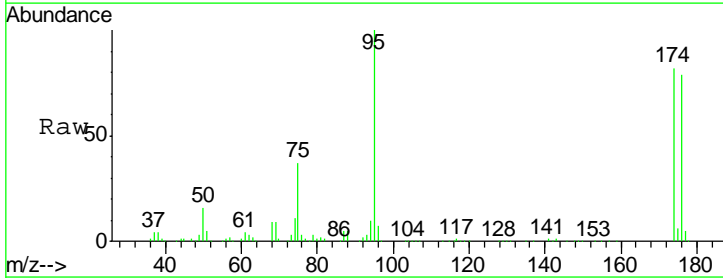
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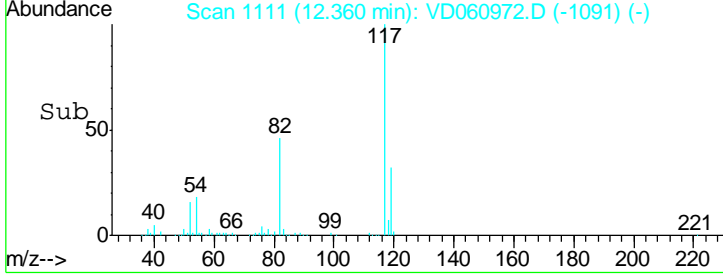
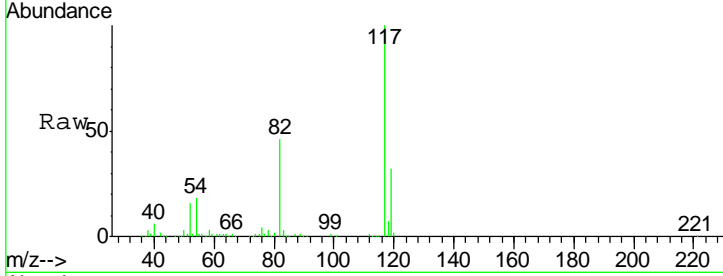
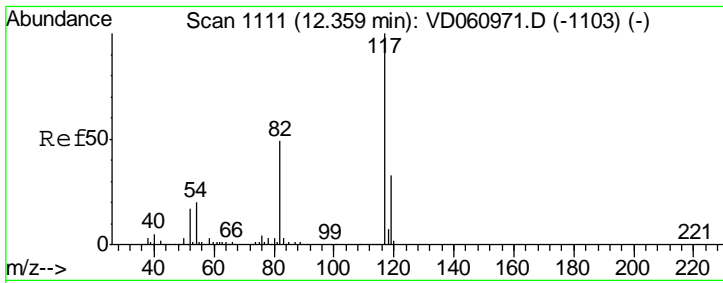
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#62  
 4-Bromofluorobenzene  
 Concen: 63.632 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
95	100		
174	81.8	0.0	155.6
176	78.9	0.0	153.8





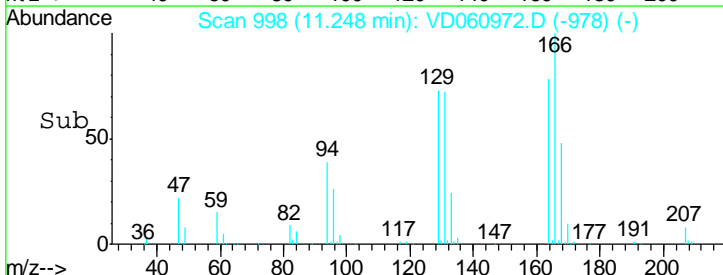
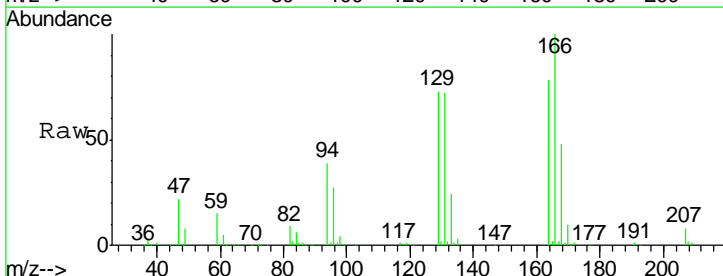
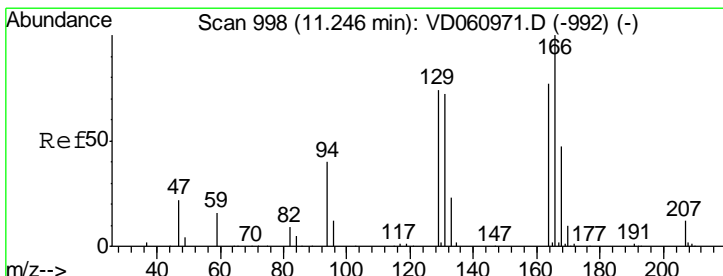
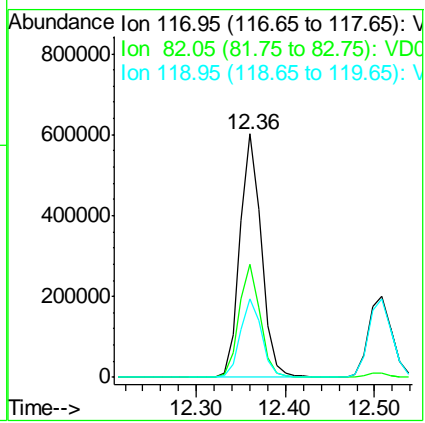
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 12.36 min Scan# 1111  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 117 Resp: 1008369

Ion	Ratio	Lower	Upper
117	100		
82	46.4	38.9	58.3
119	32.5	26.6	39.8

Instrument : MSVOA\_D  
 Client Sampled : VSTDIC075

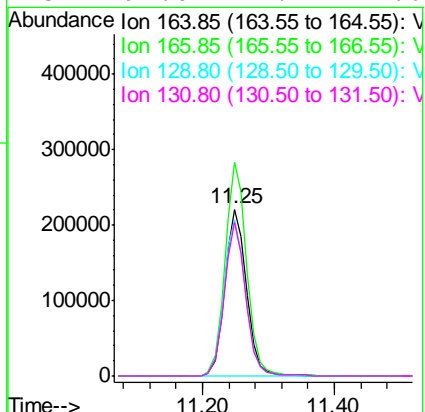
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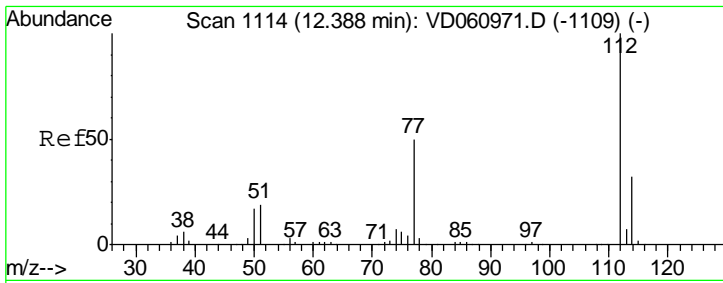


#64  
 Tetrachloroethene  
 Concen: 66.366 ug/l  
 RT: 11.25 min Scan# 998  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 164 Resp: 505954

Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.4	155.0
129	94.1	76.9	115.3
131	92.0	74.4	111.6





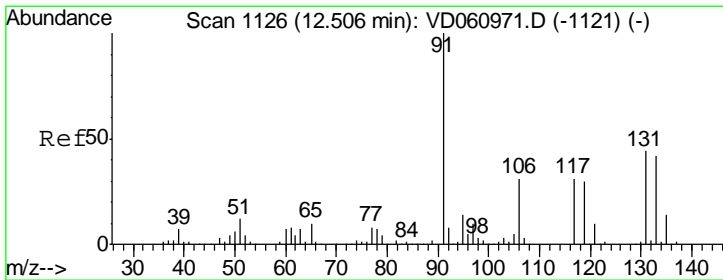
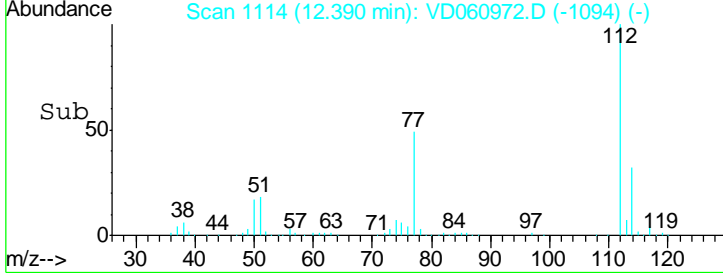
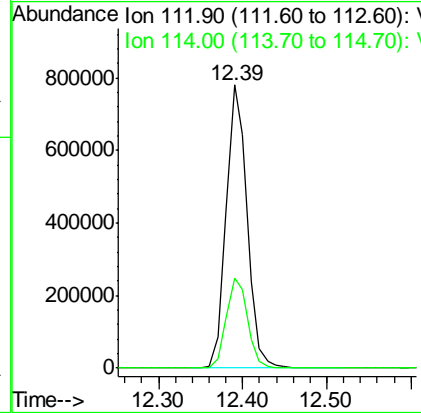
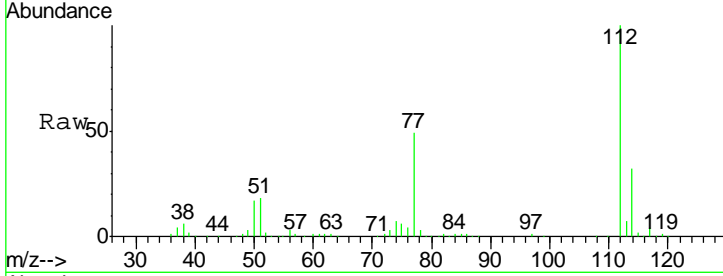
#65  
 Chlorobenzene  
 Concen: 60.929 ug/l  
 RT: 12.39 min Scan# 1114  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion: 112 Resp: 1345513

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.0	39.0

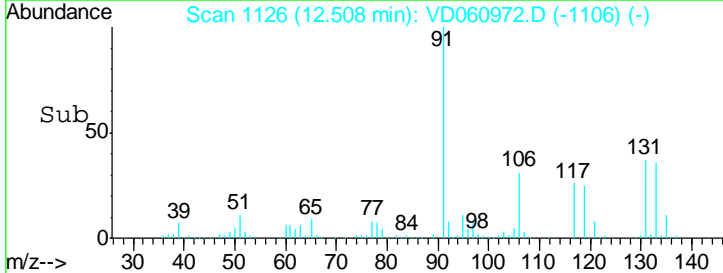
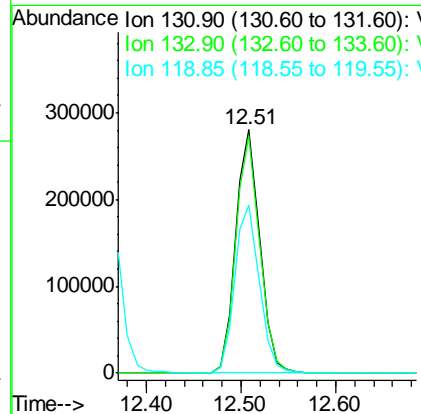
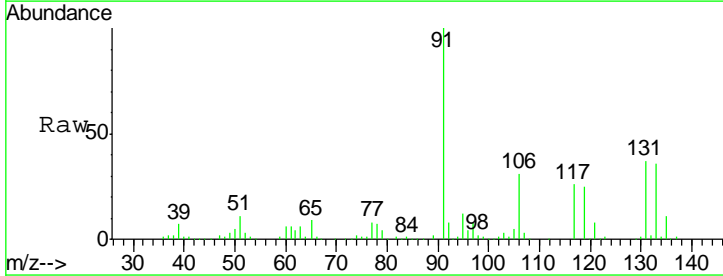
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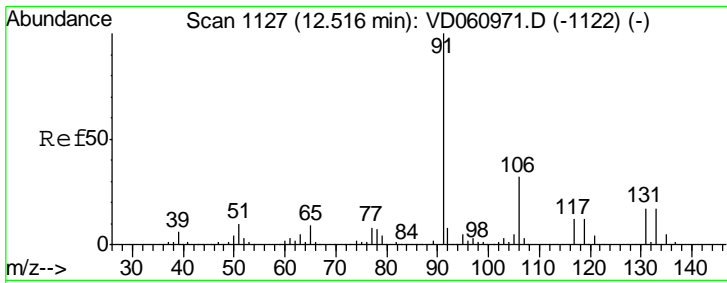


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 61.886 ug/l  
 RT: 12.51 min Scan# 1126  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 131 Resp: 494376

Ion	Ratio	Lower	Upper
131	100		
133	97.3	47.8	143.3
119	69.1	34.3	102.9



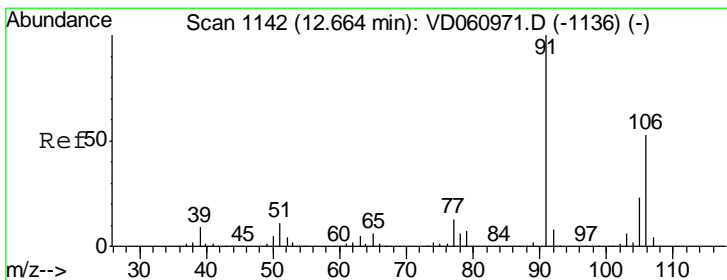
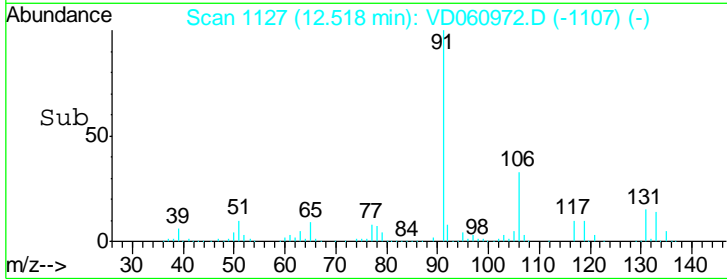
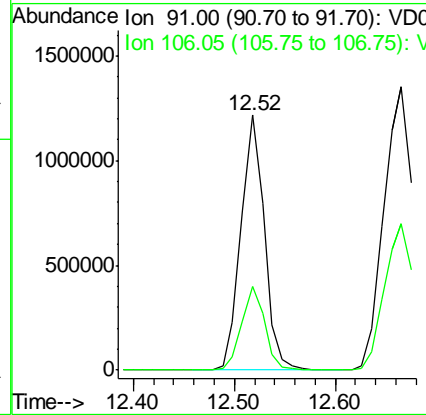
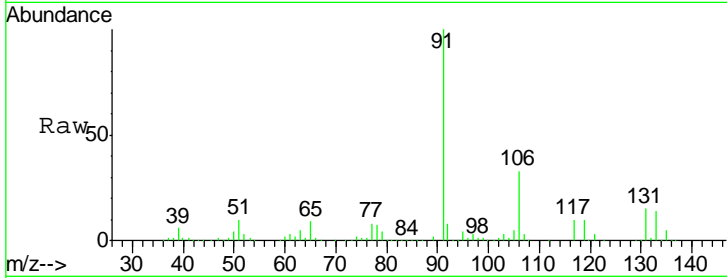


#67  
 Ethyl Benzene  
 Concen: 60.822 ug/l  
 RT: 12.52 min Scan# 1127  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

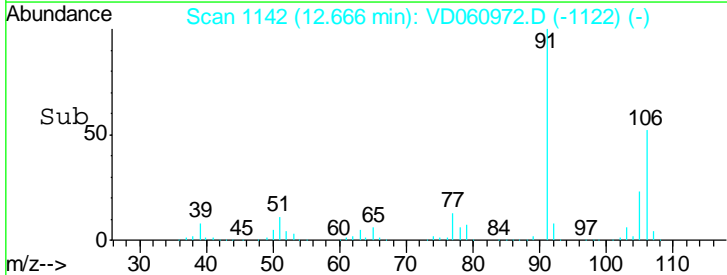
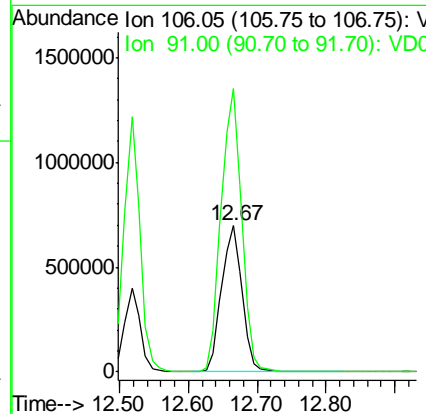
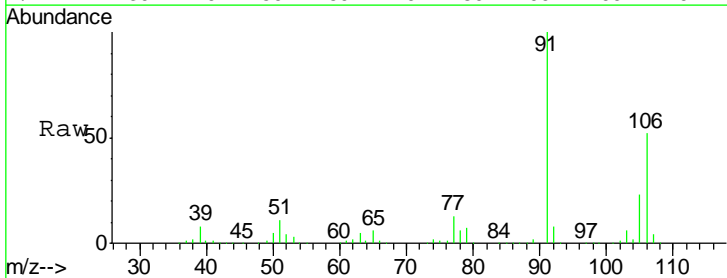
Tgt Ion: 91 Resp: 1965154  
 Ion Ratio Lower Upper  
 91 100  
 106 32.9 25.7 38.5

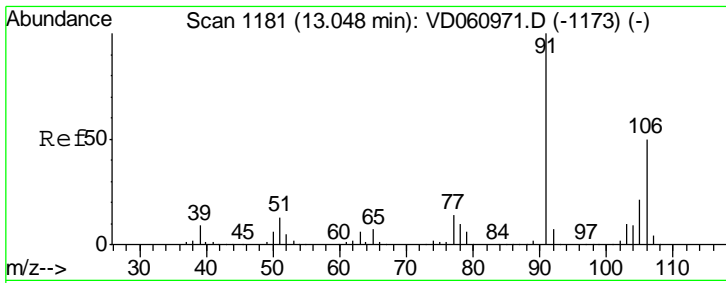
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#68  
 m/p-Xylenes  
 Concen: 110.252 ug/l  
 RT: 12.67 min Scan# 1142  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 106 Resp: 1428540  
 Ion Ratio Lower Upper  
 106 100  
 91 194.0 152.0 228.0





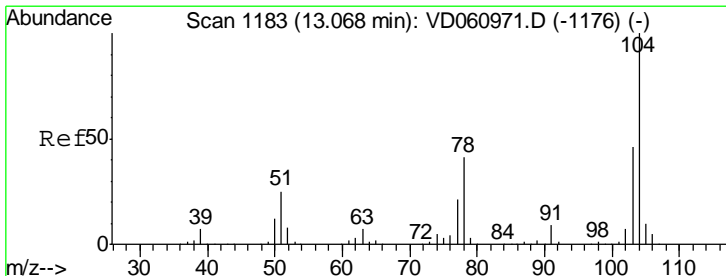
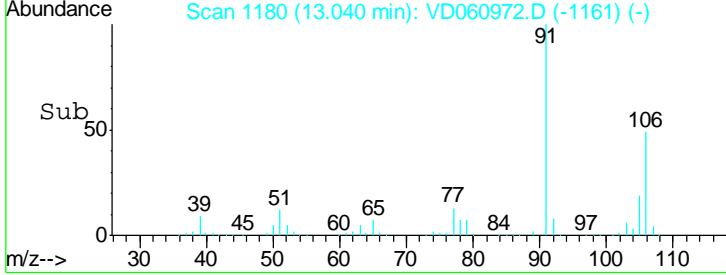
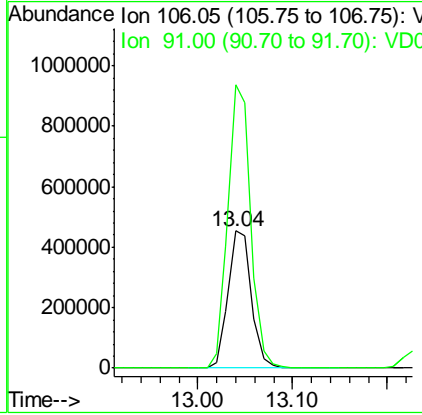
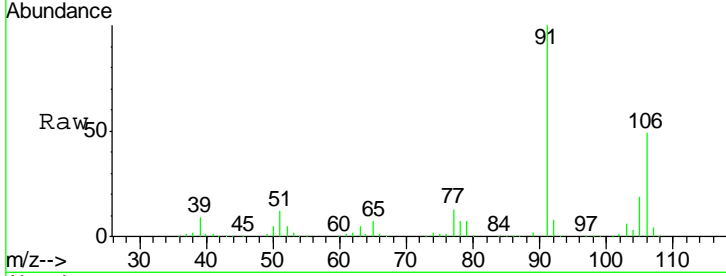
#69  
 o-Xylene  
 Concen: 64.538 ug/l  
 RT: 13.04 min Scan# 1180  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 Client Sampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
106	777652		
91	206.0	99.8	299.3

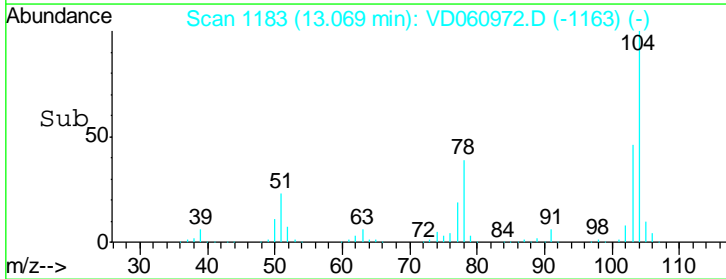
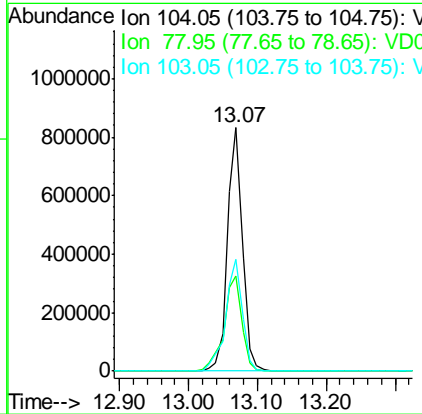
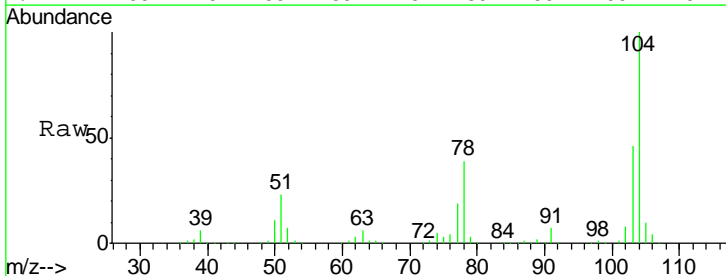
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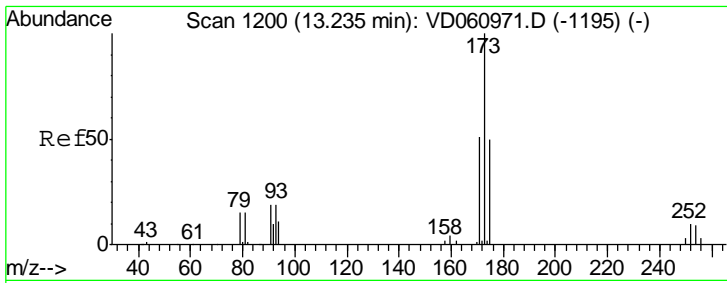
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#70  
 Styrene  
 Concen: 61.968 ug/l  
 RT: 13.07 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
104	1246287		
78	39.0	33.0	49.4
103	45.7	37.1	55.7





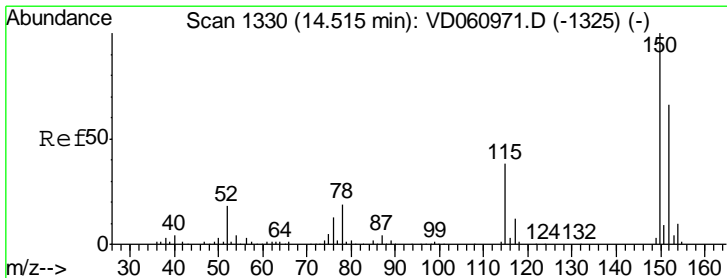
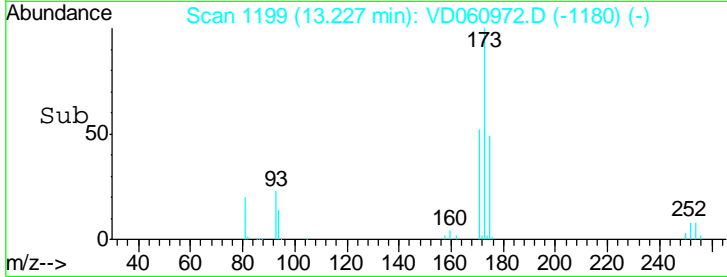
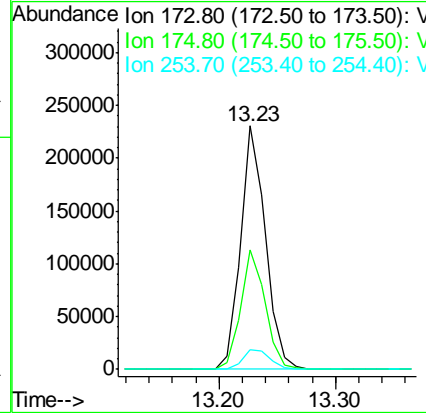
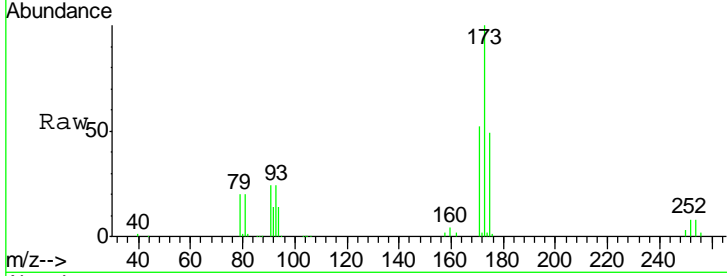
#71  
 Bromoform  
 Concen: 67.637 ug/l  
 RT: 13.23 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
173	340043		
175	49.0	24.9	74.8
254	7.8	7.3	10.9

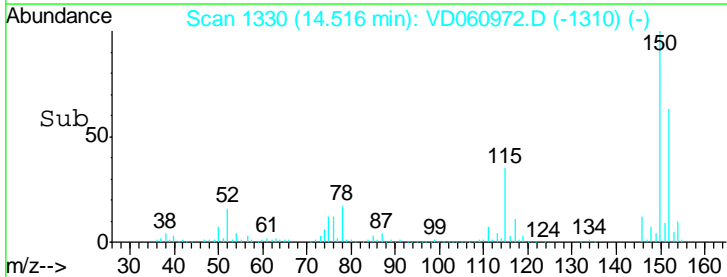
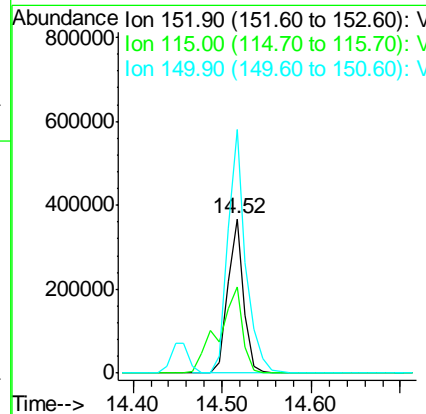
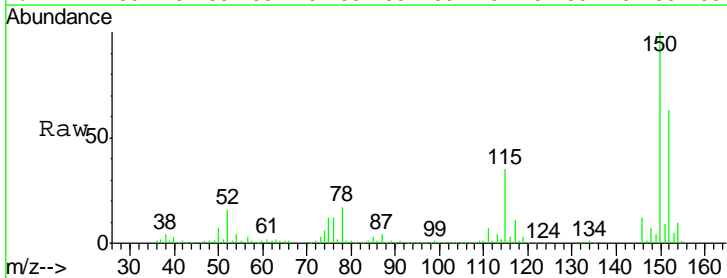
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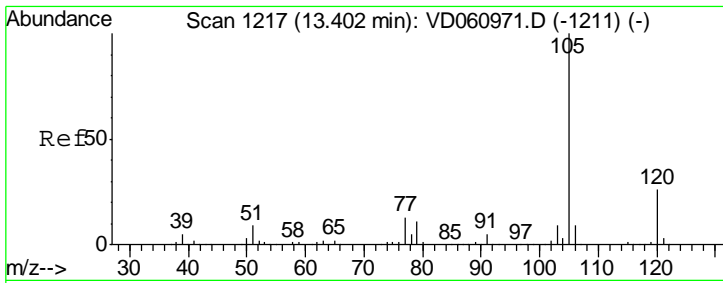


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 14.52 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
152	457348		
115	55.9	28.6	85.9
150	157.9	0.0	310.6







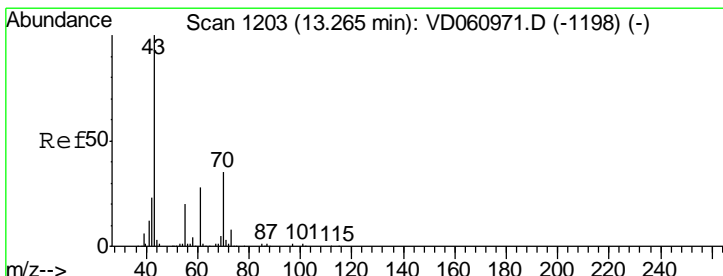
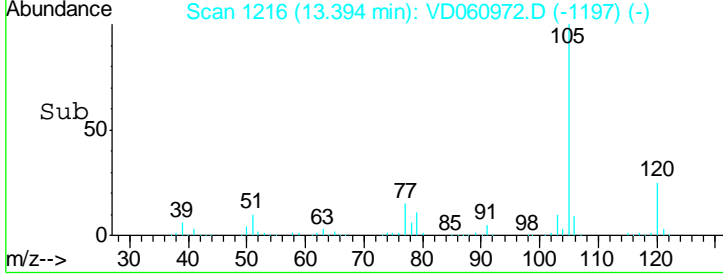
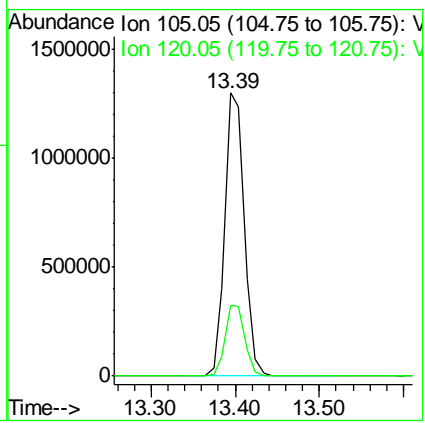
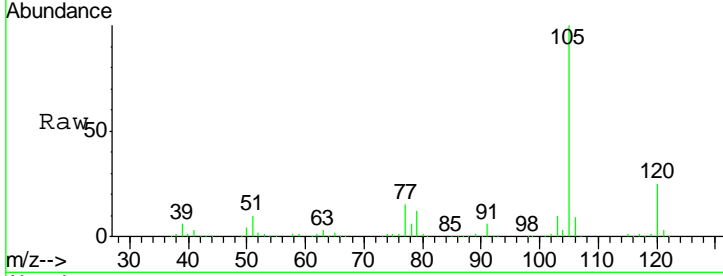
#73  
 Isopropylbenzene  
 Concen: 59.611 ug/l  
 RT: 13.39 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 Client Sampled : VSTDIC075

Tgt Ion: 105 Resp: 2083688

Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.8	38.4

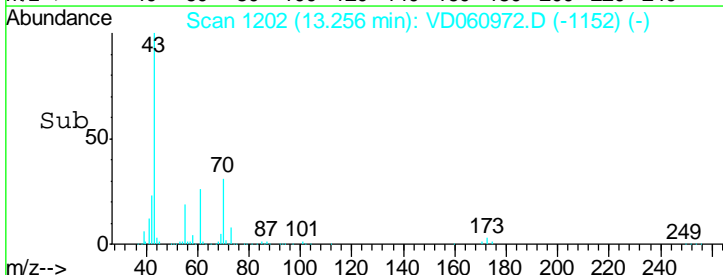
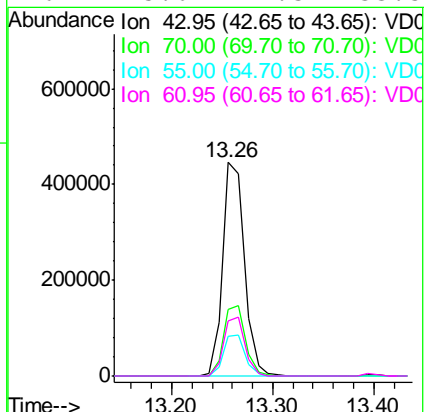
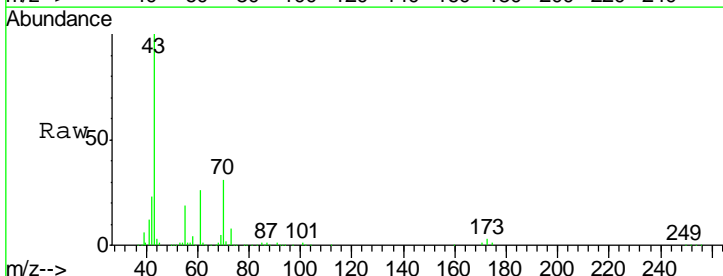
Manual Integrations  
**APPROVED**  
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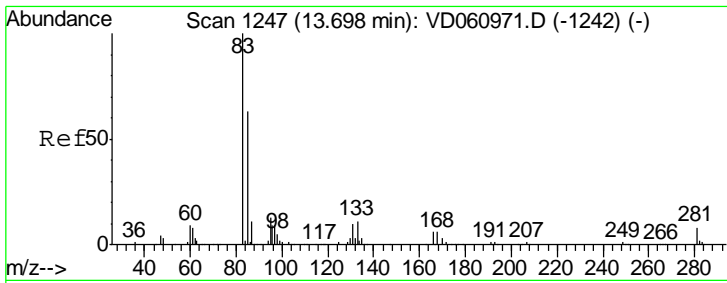


#74  
 N-nyl acetate  
 Concen: 63.575 ug/l  
 RT: 13.26 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 43 Resp: 671764

Ion	Ratio	Lower	Upper
43	100		
70	30.9	27.7	41.5
55	18.8	16.2	24.2
61	25.6	22.3	33.5





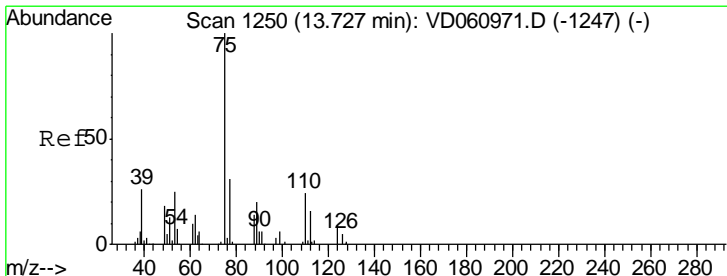
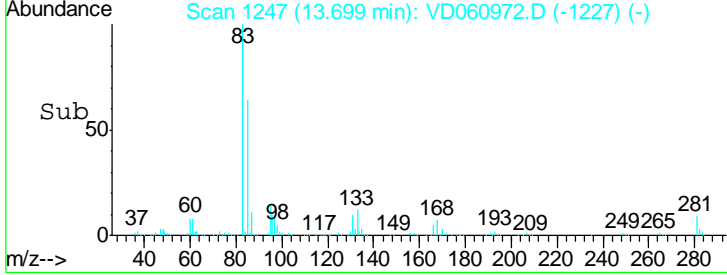
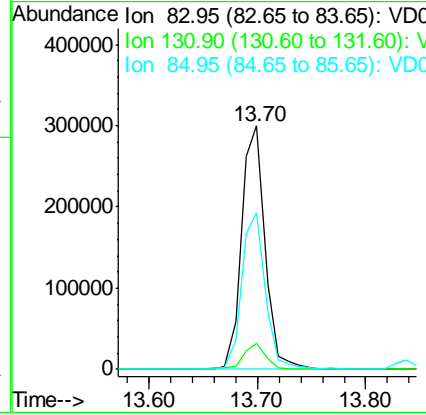
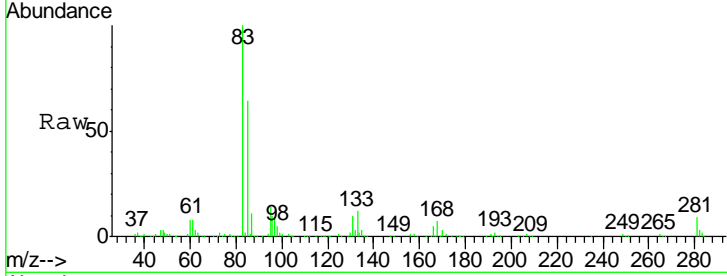
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 62.210 ug/l  
 RT: 13.70 min Scan# 1247  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

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

Tgt Ion	Resp	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	64.3	31.5	94.5

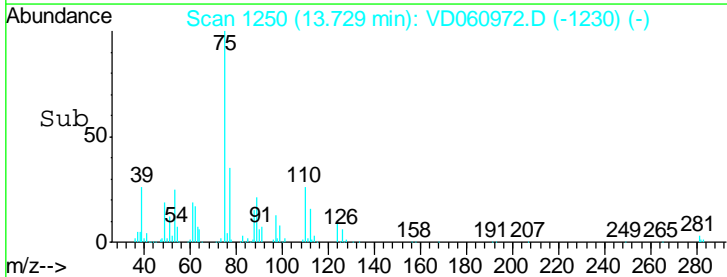
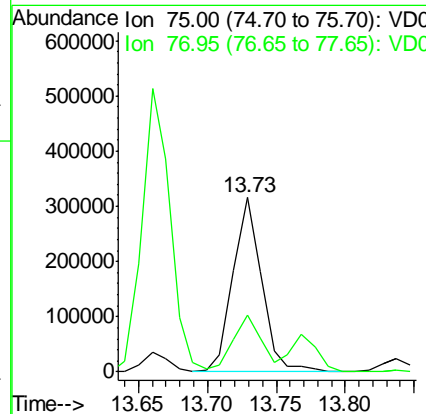
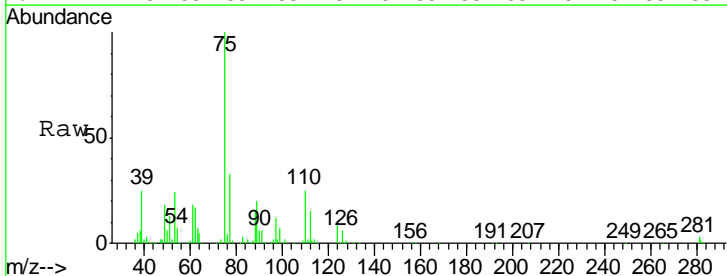
**Manual Integrations**  
**APPROVED**

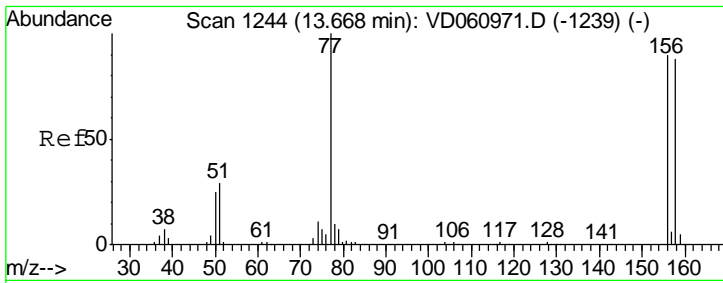
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#76  
 1,2,3-Trichloropropane  
 Concen: 62.219 ug/l  
 RT: 13.73 min Scan# 1250  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
75	100		
77	32.9	16.6	49.7





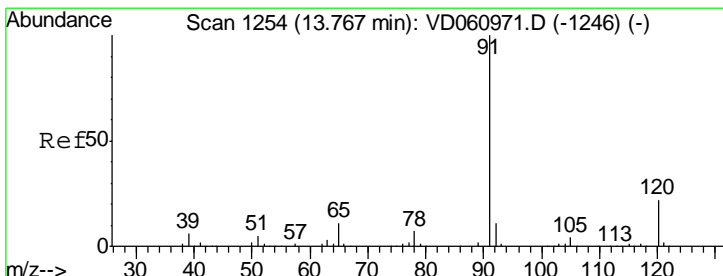
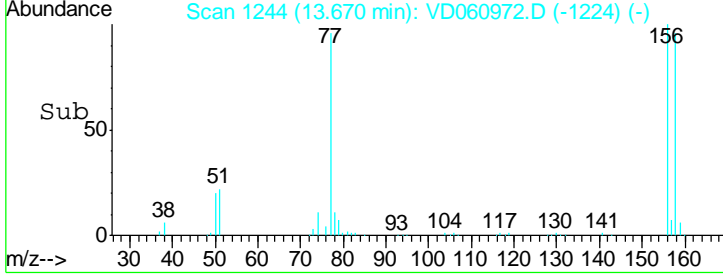
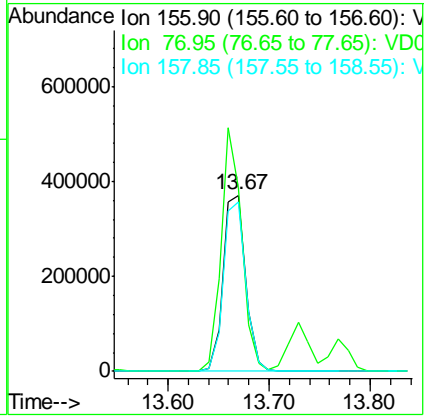
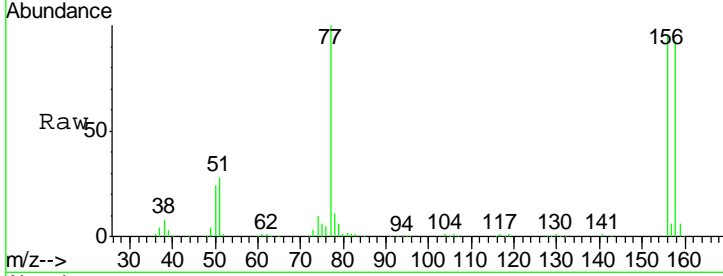
#77  
 Bromobenzene  
 Concen: 62.637 ug/l  
 RT: 13.67 min Scan# 1244  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDIC075

Tgt Ion	Resp	Lower	Upper
156	100		
77	104.4	55.5	166.7
158	96.1	49.0	147.0

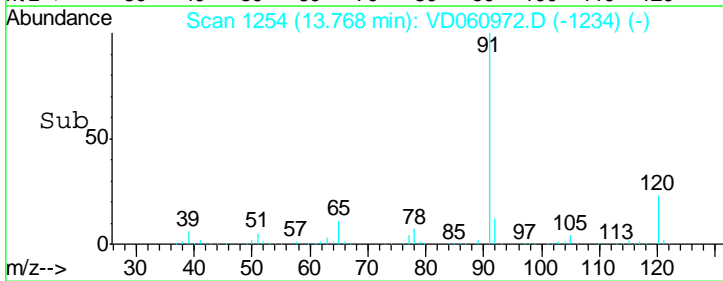
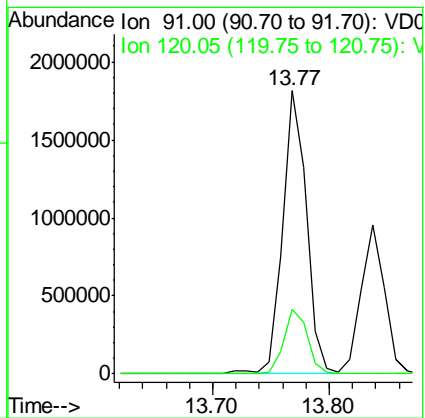
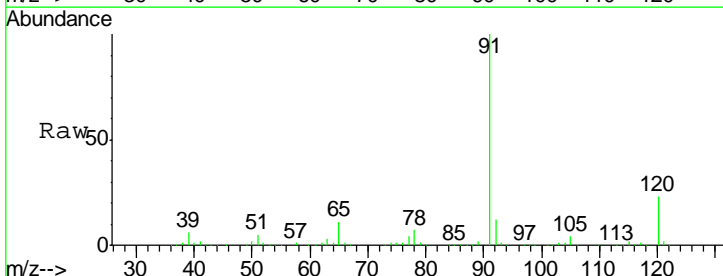
**Manual Integrations**  
**APPROVED**

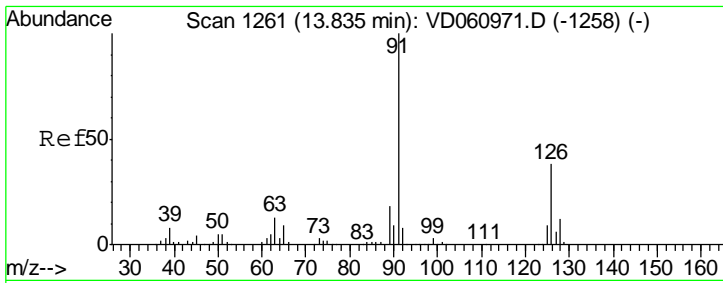
MMDadoda  
 3/8/2019 9:46:33 PM



#78  
 n-propylbenzene  
 Concen: 62.642 ug/l  
 RT: 13.77 min Scan# 1254  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
91	100		
120	23.0	10.8	32.3





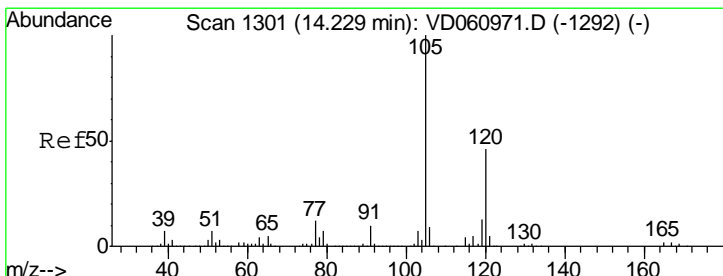
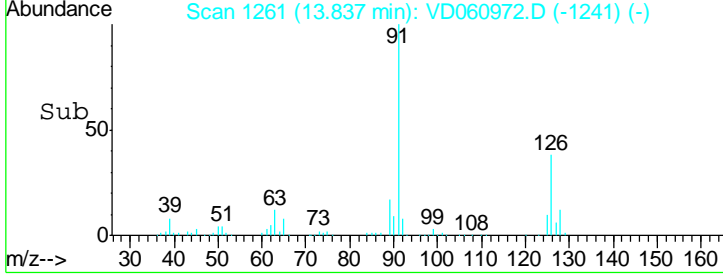
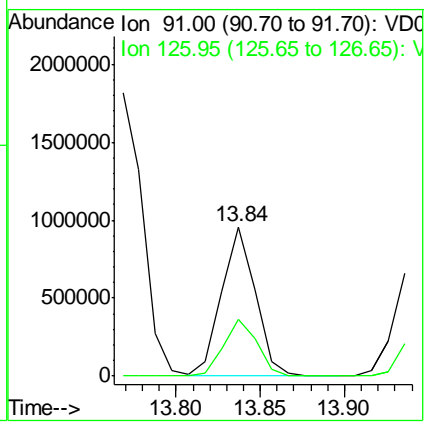
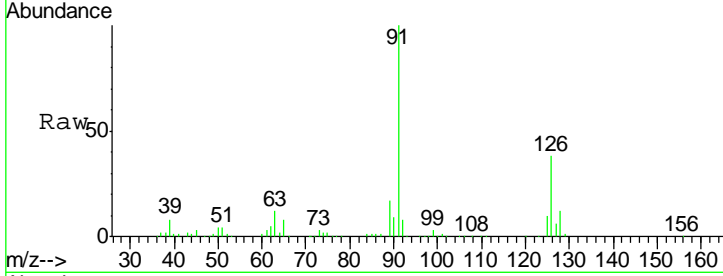
#79  
 2-Chlorotoluene  
 Concen: 58.329 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion: 91 Resp: 1332139

Ion	Ratio	Lower	Upper
91	100		
126	37.9	18.6	55.6

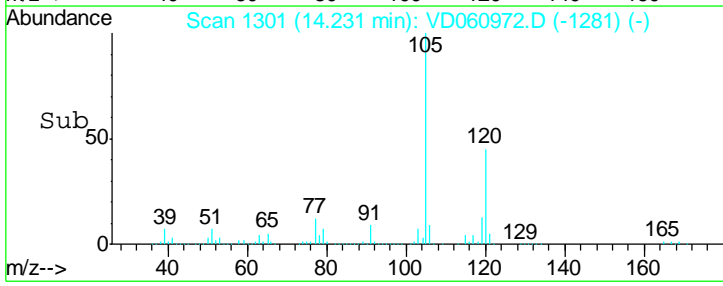
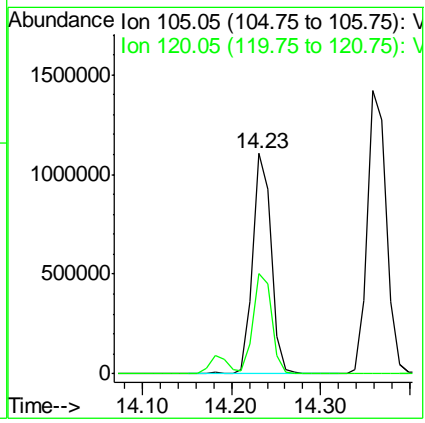
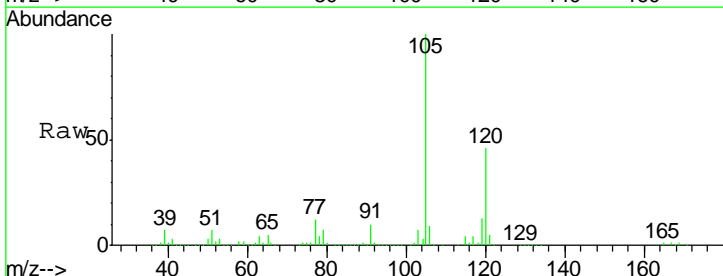
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/8/2019 9:46:33 PM

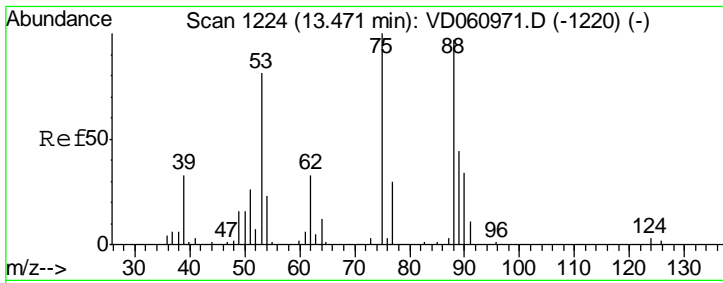


#80  
 1,3,5-Trimethylbenzene  
 Concen: 58.091 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 105 Resp: 1568926

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





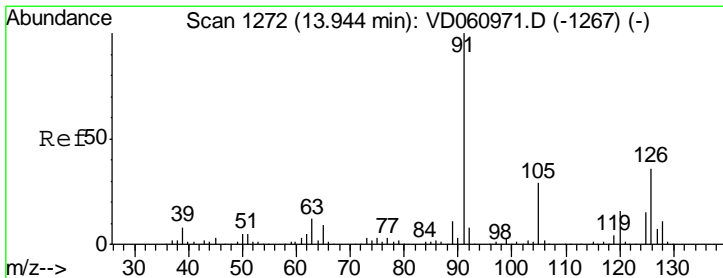
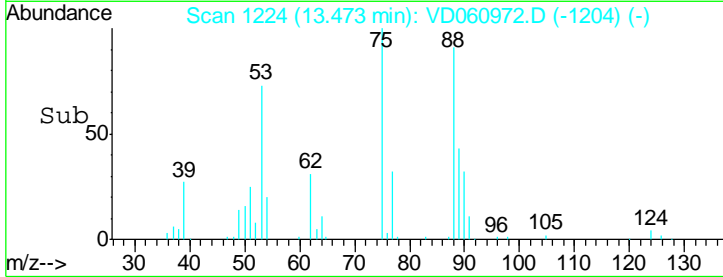
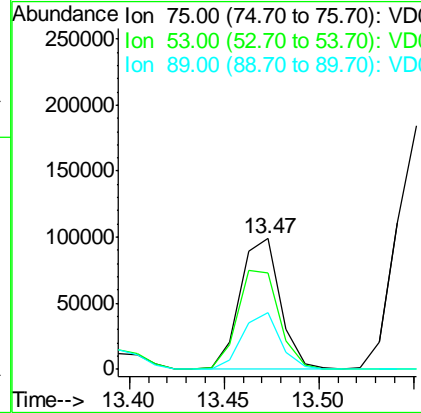
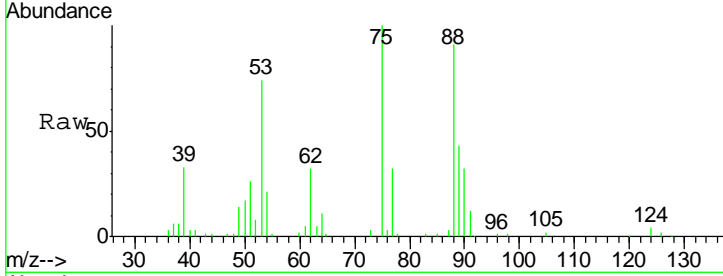
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 66.848 ug/l  
 RT: 13.47 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
75	145275		
75	100		
53	73.7	64.4	96.6
89	43.0	34.8	52.2

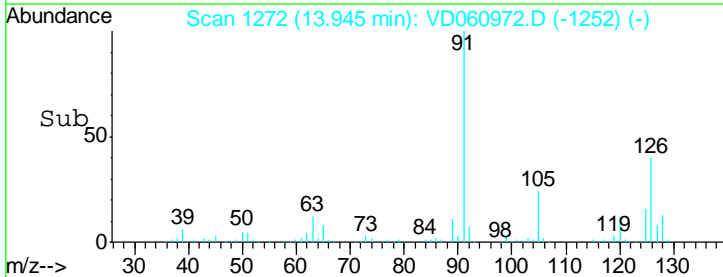
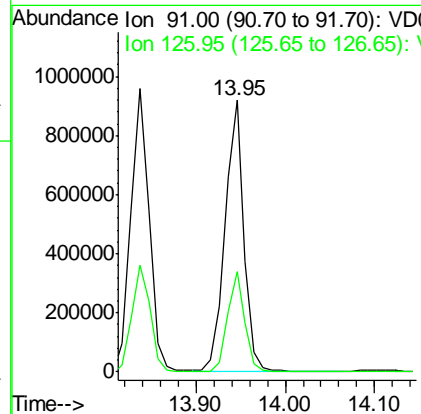
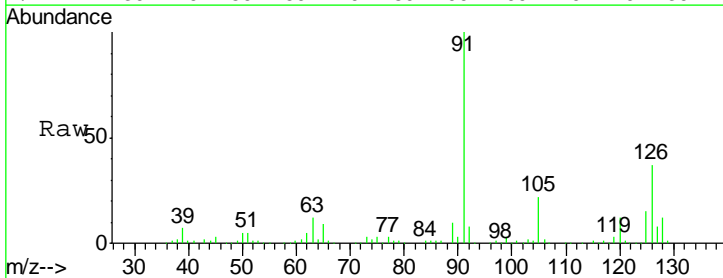
Manual Integrations  
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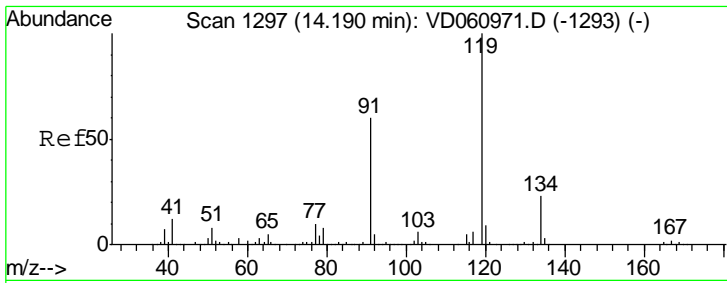
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 3/8/2019 9:46:33 PM



#82  
 4-Chlorotoluene  
 Concen: 53.058 ug/l  
 RT: 13.95 min Scan# 1272  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

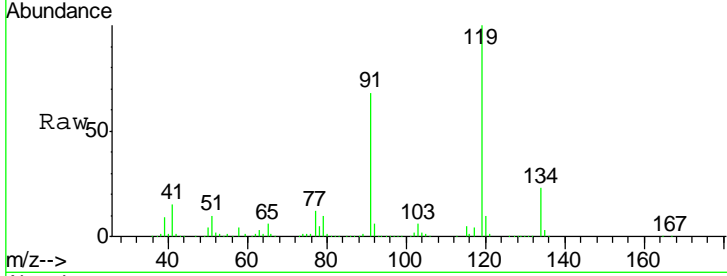
Tgt Ion	Resp	Lower	Upper
91	1360896		
91	100		
126	37.0	18.0	54.0





#83  
 tert-Butylbenzene  
 Concen: 55.121 ug/l m  
 RT: 14.18 min Scan# 1296  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

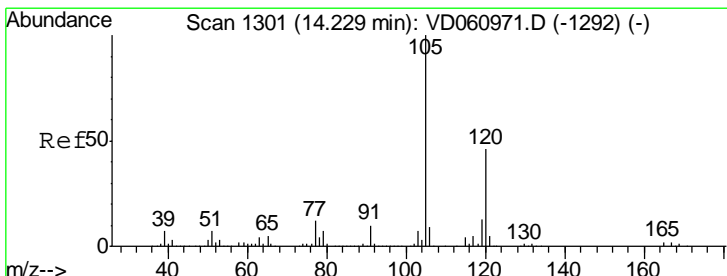
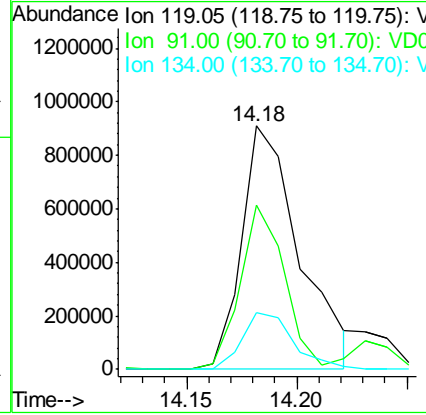
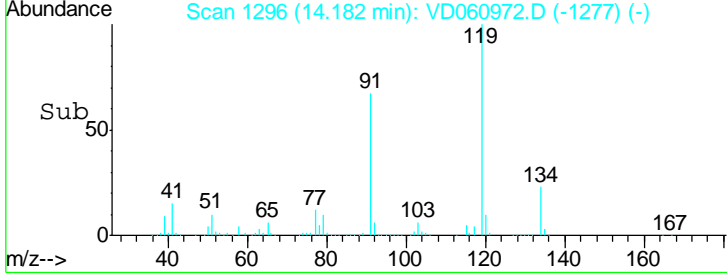
Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075



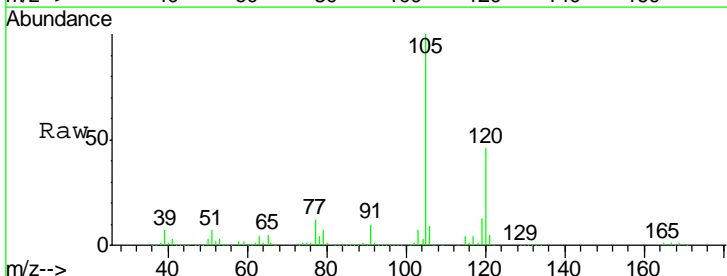
Tgt Ion: 119 Resp: 1657237

Ion	Ratio	Lower	Upper
119	100		
91	67.7	30.1	90.3
134	23.2	11.6	34.7

Manual Integrations APPROVED  
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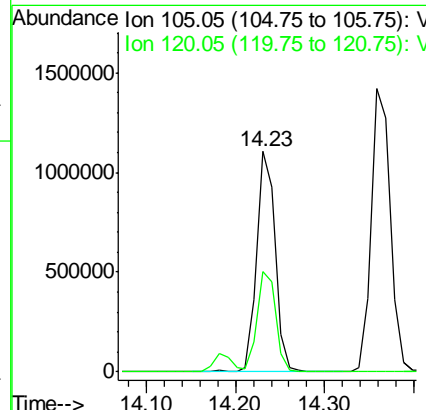
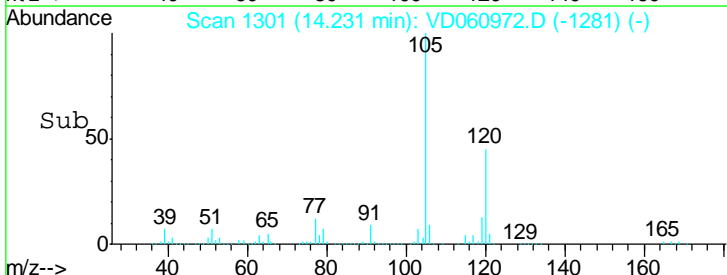


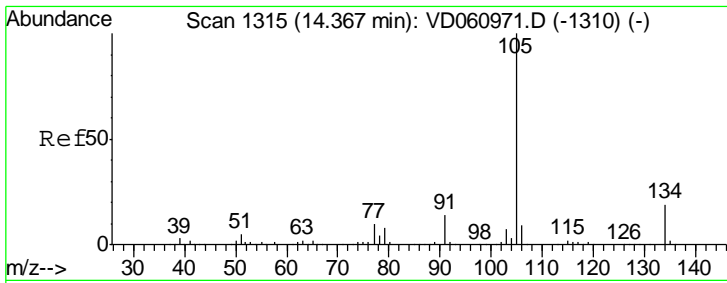
#84  
 1,2,4-Trimethylbenzene  
 Concen: 58.091 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58



Tgt Ion: 105 Resp: 1568926

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





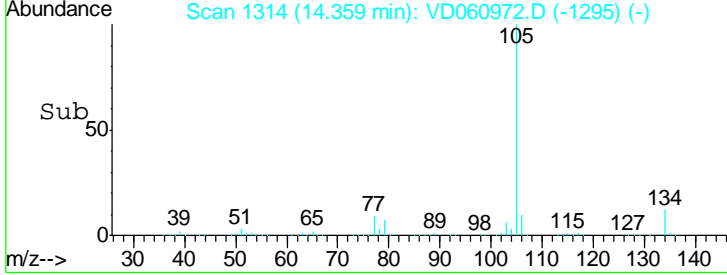
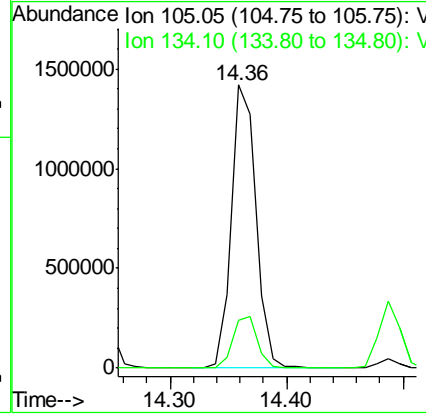
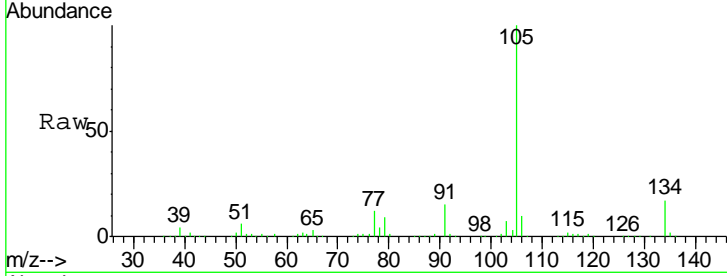
#85  
 sec-Butylbenzene  
 Concen: 59.011 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 Client Sampled : VSTDIC075

Tgt Ion: 105 Resp: 2070393

Ion	Ratio	Lower	Upper
105	100		
134	16.8	9.4	28.2

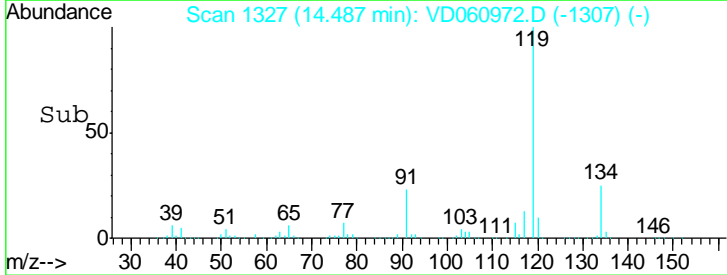
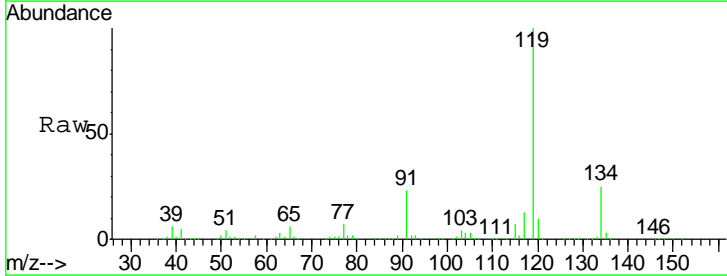
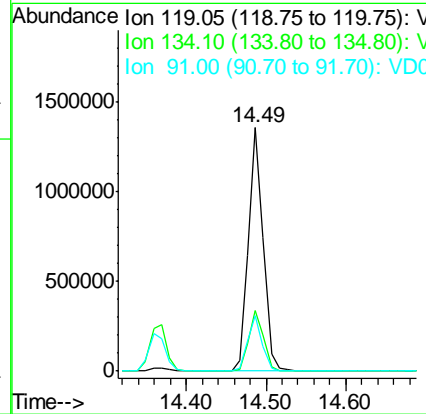
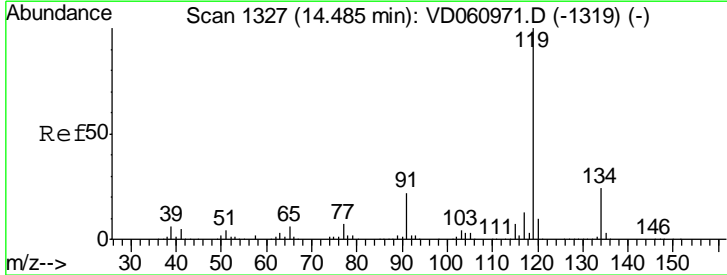
Manual Integrations APPROVED  
 MMDadoda  
 3/8/2019 9:46:33 PM

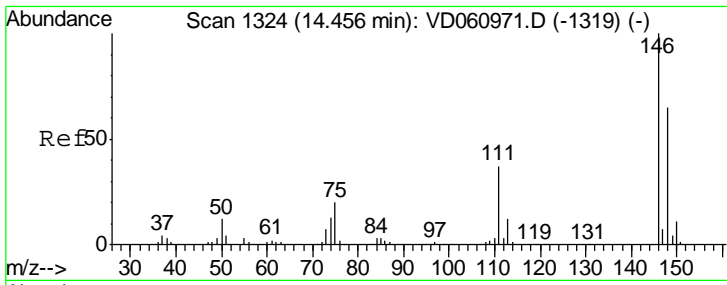


#86  
 p-Isopropyltoluene  
 Concen: 60.057 ug/l  
 RT: 14.49 min Scan# 1327  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 119 Resp: 1735926

Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.0	36.1
91	22.7	11.2	33.6





#87  
 1,3-Dichlorobenzene  
 Concen: 66.425 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

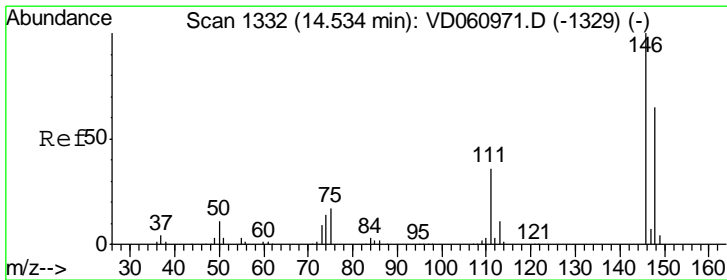
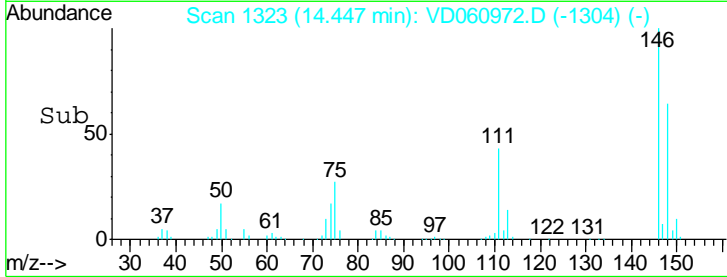
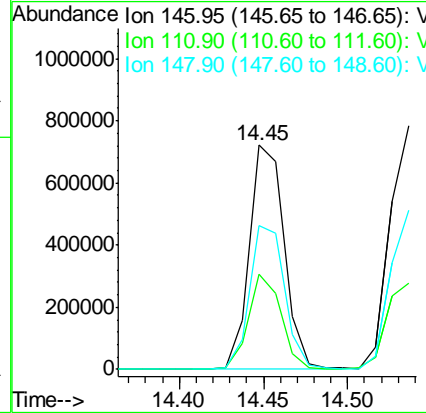
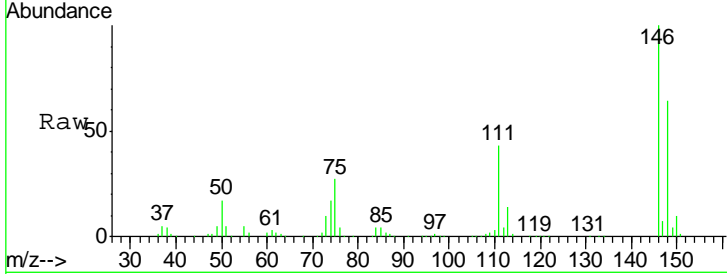
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Tgt Ion:146 Resp: 1037113

Ion	Ratio	Lower	Upper
146	100		
111	42.5	18.4	55.4
148	64.0	32.5	97.4

Manual Integrations  
 APPROVED

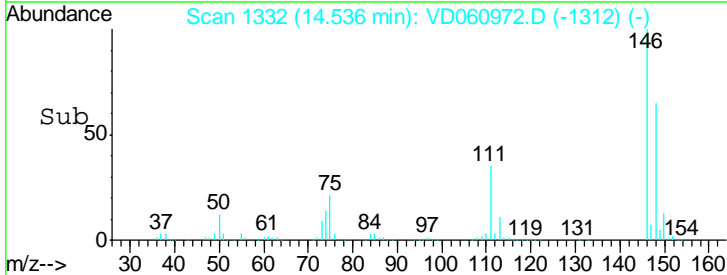
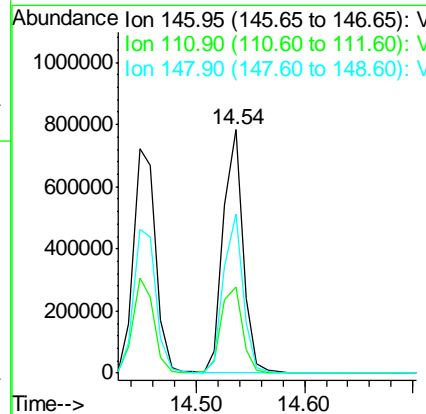
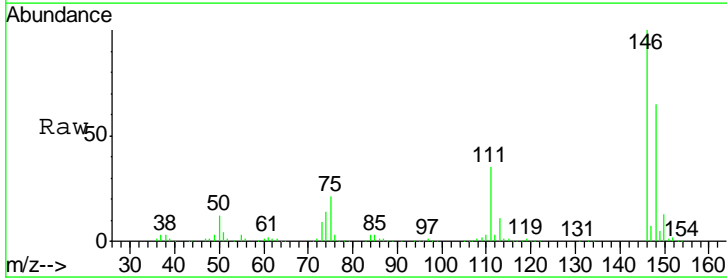
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 3/8/2019 9:46:33 PM



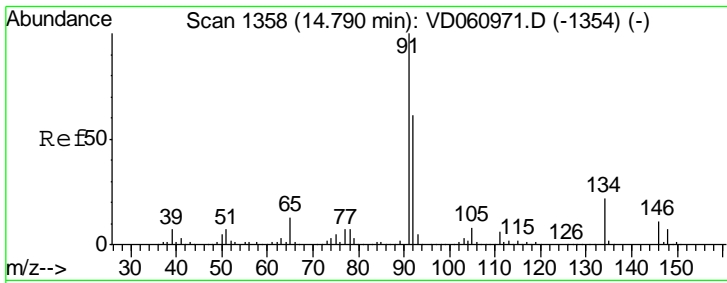
#88  
 1,4-Dichlorobenzene  
 Concen: 64.353 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion:146 Resp: 994272

Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.4	55.2
148	65.2	32.5	97.5







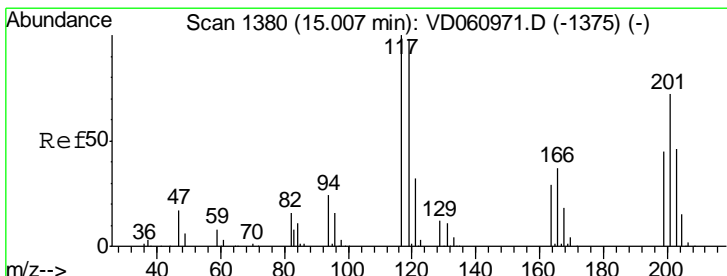
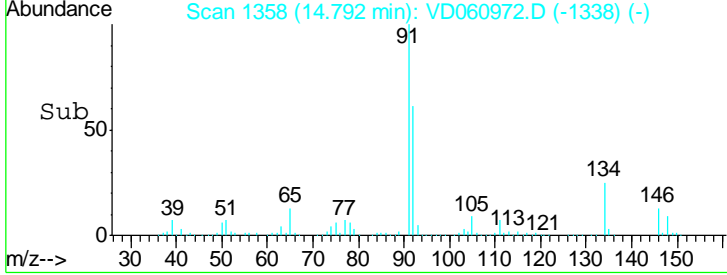
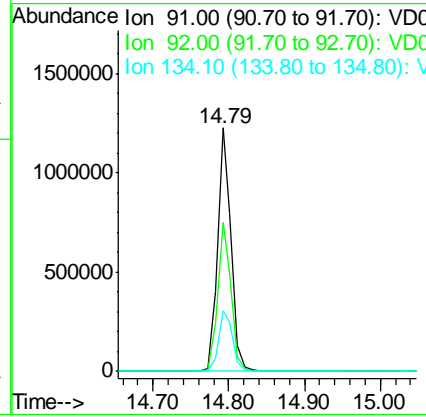
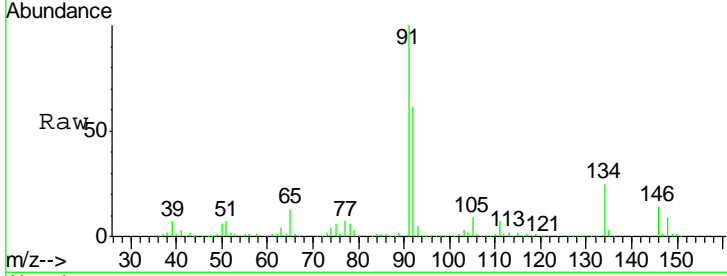
#89  
 n-Butylbenzene  
 Concen: 56.911 ug/l  
 RT: 14.79 min Scan# 1358  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Tgt Ion: 91 Resp: 1539555

Ion	Ratio	Lower	Upper
91	100		
92	61.0	30.6	91.8
134	24.8	11.0	33.0

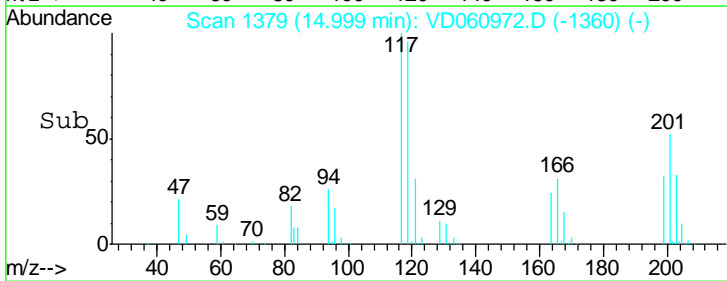
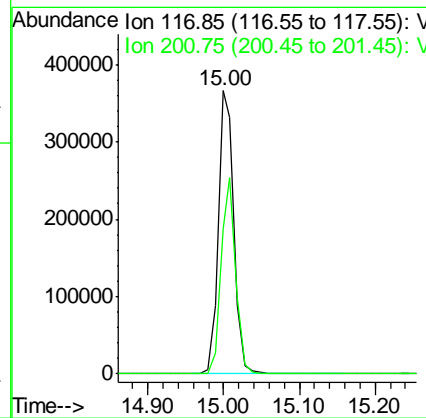
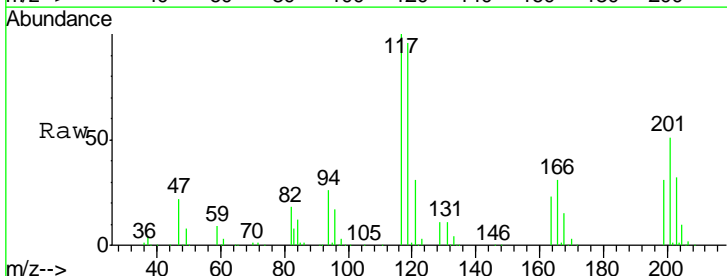
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/8/2019 9:46:33 PM

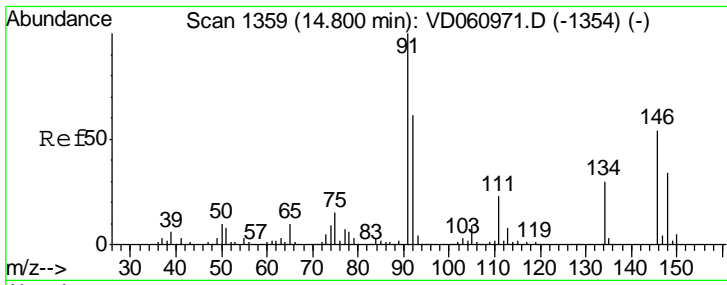


#90  
 Hexachloroethane  
 Concen: 63.728 ug/l  
 RT: 15.00 min Scan# 1379  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 117 Resp: 531090

Ion	Ratio	Lower	Upper
117	100		
201	51.4	36.2	108.6





#91  
 1,2-Dichlorobenzene  
 Concen: 59.763 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

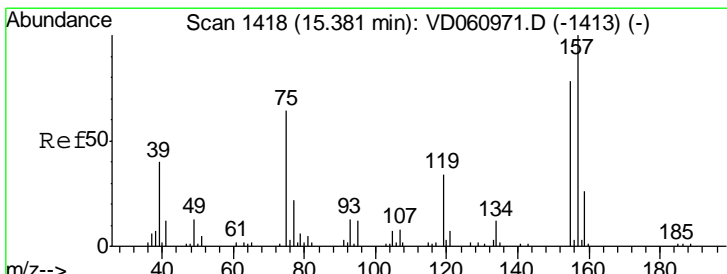
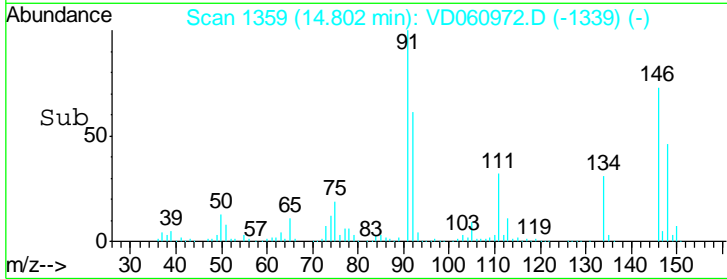
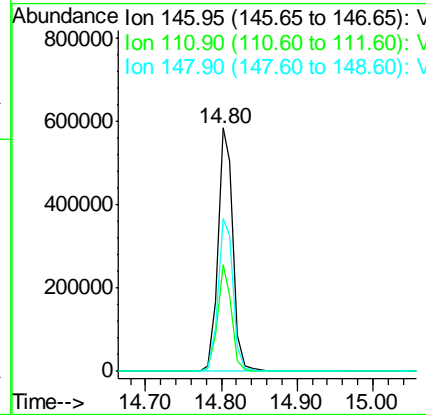
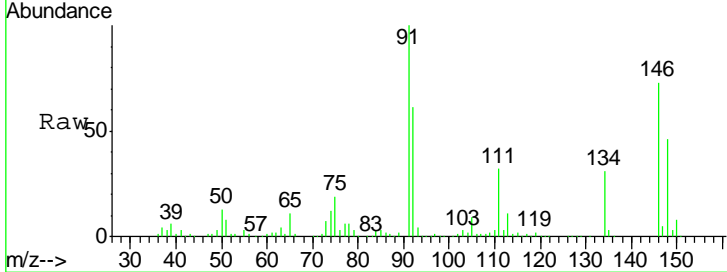
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDIC075

Tgt Ion: 146 Resp: 813900

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.5	64.5
148	63.0	30.9	92.8

Manual Integrations  
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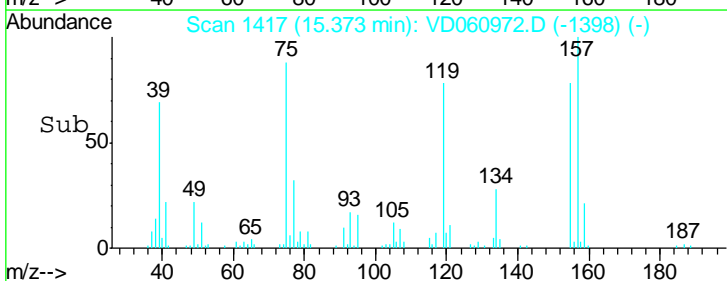
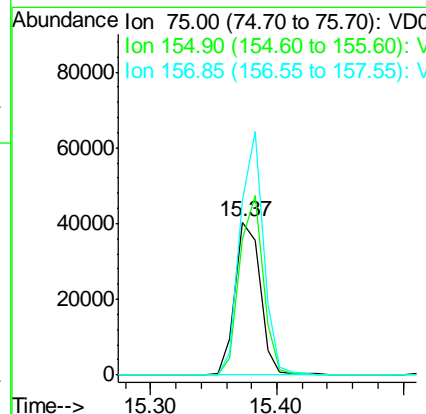
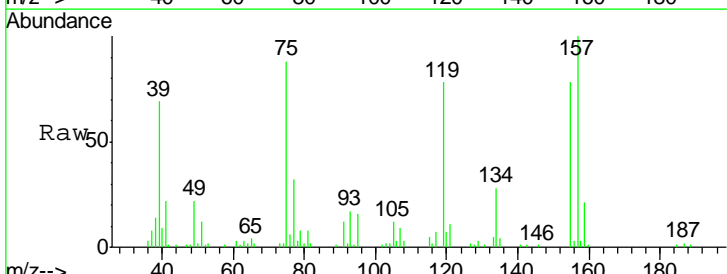
MMDadoda  
 3/8/2019 9:46:33 PM

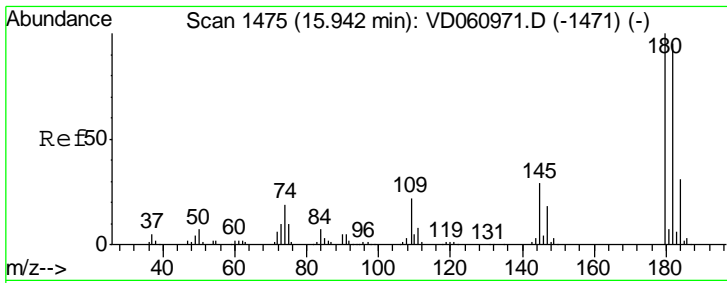


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 65.606 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion: 75 Resp: 55903

Ion	Ratio	Lower	Upper
75	100		
155	89.2	61.2	183.5
157	113.8	78.3	234.8



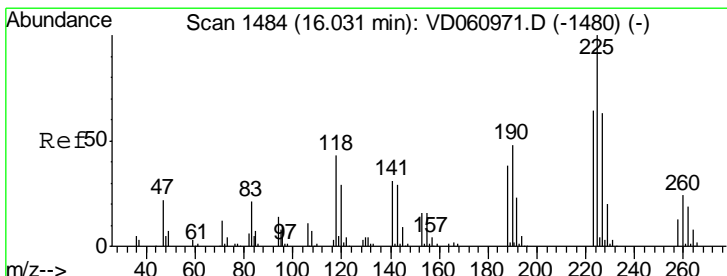
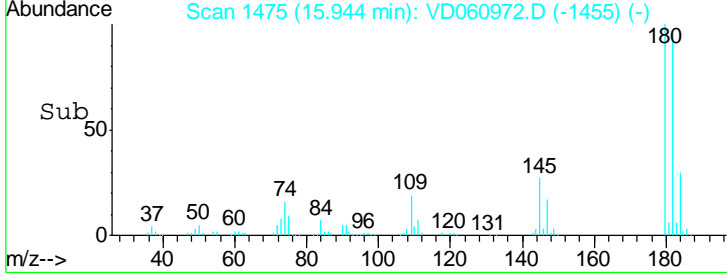
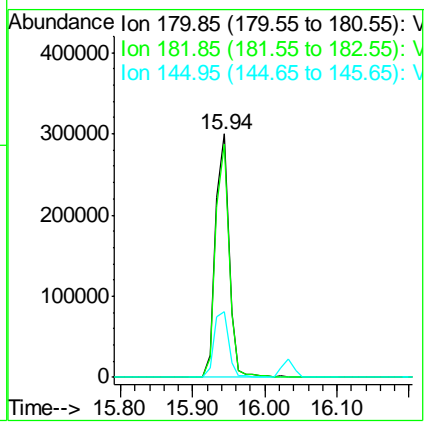
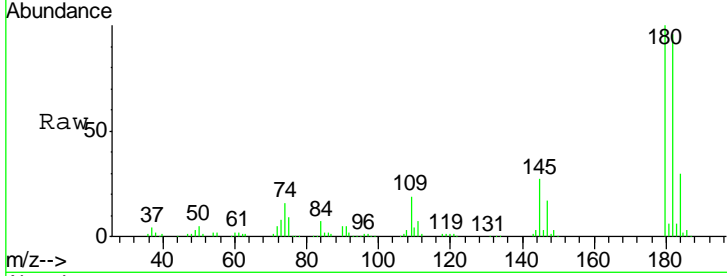


#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.516 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 Client Sampled : VSTDIC075

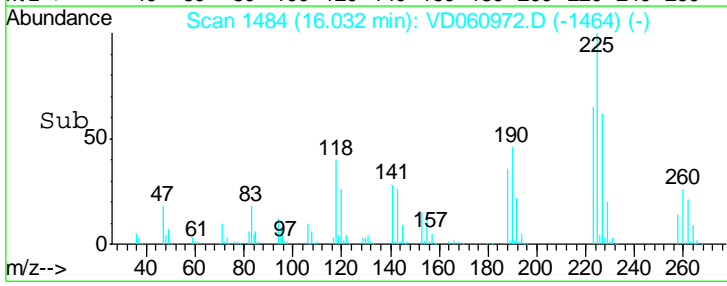
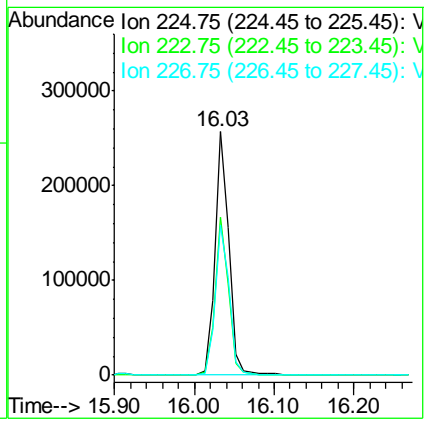
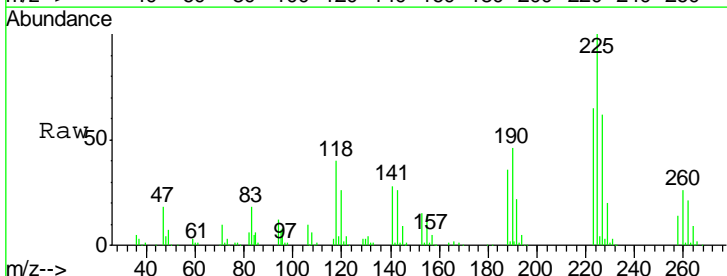
Tgt Ion	Resp	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	26.9	14.4	43.0

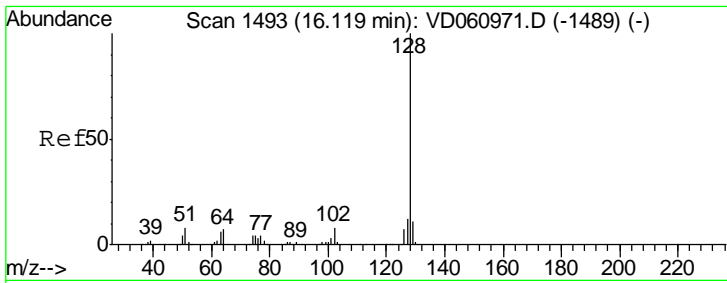
Manual Integrations  
**APPROVED**  
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#94  
 Hexachlorobutadiene  
 Concen: 64.110 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
225	100		
223	64.6	31.8	95.3
227	61.9	31.4	94.0





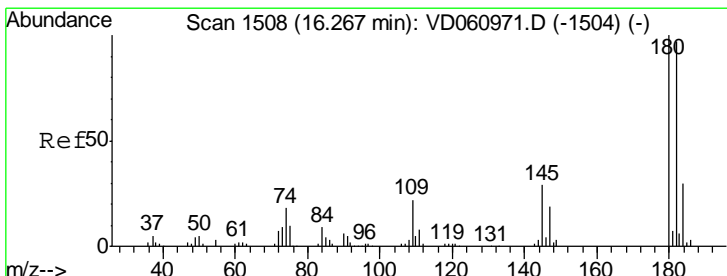
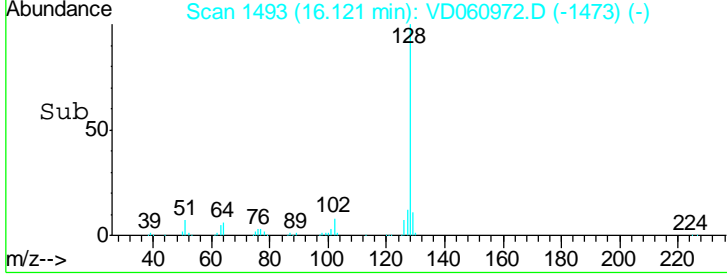
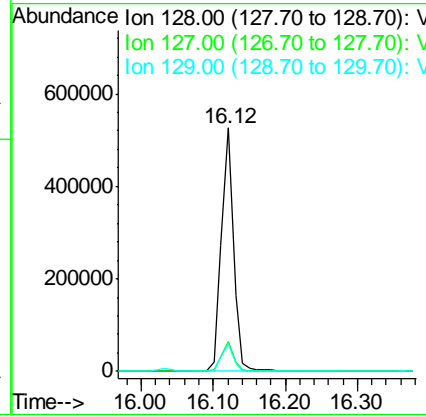
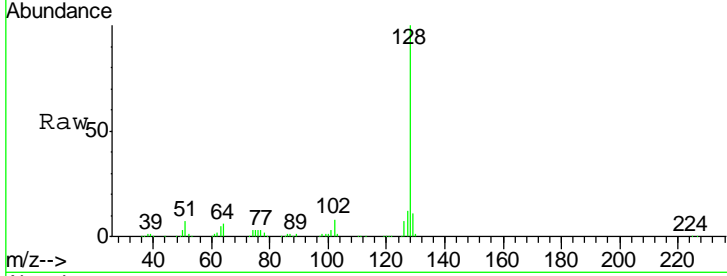
#95  
 Naphthalene  
 Concen: 51.250 ug/l  
 RT: 16.12 min Scan# 1493  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Instrument : MSVOA\_D  
 ClientSampled : VSTDIC075

Tgt Ion	Resp	Lower	Upper
128	100		
127	12.1	9.8	14.8
129	11.2	8.5	12.7

Manual Integrations  
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 3/8/2019 9:46:33 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 51.410 ug/l  
 RT: 16.27 min Scan# 1508  
 Delta R.T. 0.00 min  
 Lab File: VD060972.D  
 Acq: 7 Mar 2019 16:58

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.5	48.6	145.8
145	29.6	14.3	42.9

