

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006335.D
 Acq On : 07 Dec 2018 09:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 9:57:21 AM

Quant Time: Dec 08 00:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	767686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1122752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1011265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	558321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	383229	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	376042	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	8.71	98	1328156	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	520270	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	405991	54.012	ug/l	99
3) Chloromethane	1.32	50	367389	47.562	ug/l	98
4) Vinyl Chloride	1.41	62	400260	48.146	ug/l	96
5) Bromomethane	1.64	94	294399	51.097	ug/l	98
6) Chloroethane	1.71	64	244277	47.923	ug/l	99
7) Trichlorofluoromethane	1.93	101	627068	49.138	ug/l	100
8) Diethyl Ether	2.19	74	232898	48.222	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	376331	51.862	ug/l	98
10) Methyl Iodide	2.51	142	514145	47.016	ug/l	98
11) Tert butyl alcohol	3.06	59	453043	211.386	ug/l	100
12) 1,1-Dichloroethene	2.37	96	338837	48.778	ug/l	92
13) Acrolein	2.29	56	223423	190.733	ug/l	100
14) Allyl chloride	2.73	41	598966	43.650	ug/l	98
15) Acrylonitrile	3.15	53	999698	223.529	ug/l	100
16) Acetone	2.45	43	847257	230.372	ug/l	96
17) Carbon Disulfide	2.57	76	924073	43.171	ug/l	99
18) Methyl Acetate	2.78	43	566645	46.072	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1184218	47.788	ug/l	98
20) Methylene Chloride	2.85	84	372031	47.530	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	362086	48.913	ug/l	92
22) Diisopropyl ether	3.87	45	1153830	53.833	ug/l	98
23) Vinyl Acetate	3.82	43	4857991	265.742	ug/l	98
24) 1,1-Dichloroethane	3.70	63	642643	52.457	ug/l	99
25) 2-Butanone	4.69	43	1246746	237.581	ug/l	99
26) 2,2-Dichloropropane	4.58	77	593590	52.502	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	430384	52.122	ug/l	98
28) Bromochloromethane	5.02	49	281741	52.651	ug/l	97
29) Tetrahydrofuran	5.15	42	825690	226.395	ug/l	98
30) Chloroform	5.21	83	667188	51.824	ug/l	99
31) Cyclohexane	5.57	56	555279	49.046	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	623089	50.868	ug/l	100
36) 1,1-Dichloropropene	5.80	75	490593	51.889	ug/l	99
37) Ethyl Acetate	4.85	43	492365	46.502	ug/l	98
38) Carbon Tetrachloride	5.78	117	572802	51.498	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	642301	52.336	ug/l	98
40) Benzene	6.14	78	1460742	51.584	ug/l	99
41) Methacrylonitrile	5.06	41	276696	47.492	ug/l	99
42) 1,2-Dichloroethane	6.20	62	487447	52.595	ug/l	100
43) Isopropyl Acetate	6.45	43	828483	46.931	ug/l	99
44) Trichloroethene	7.21	130	444138	51.772	ug/l	97
45) 1,2-Dichloropropane	7.51	63	366061	50.863	ug/l	99
46) Dibromomethane	7.66	93	267013	51.370	ug/l	98
47) Bromodichloromethane	7.90	83	512277	50.893	ug/l	100
48) Methyl methacrylate	7.77	41	410012	47.742	ug/l	99
49) 1,4-Dioxane	7.75	88	205712	971.864	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2481172	241.435	ug/l	98
52) Toluene	8.78	92	950035	50.995	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	585055	49.699	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	618078	50.563	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	397828	52.563	ug/l	99
56) Ethyl methacrylate	9.18	69	601539	50.839	ug/l	98
57) 1,3-Dichloropropane	9.37	76	619725	51.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1726588	287.561	ug/l	99
59) 2-Hexanone	9.49	43	1972477	251.223	ug/l	99
60) Dibromochloromethane	9.58	129	473864	50.774	ug/l	99
61) 1,2-Dibromoethane	9.67	107	431690	51.010	ug/l	99
64) Tetrachloroethene	9.34	164	395970	51.994	ug/l	99
65) Chlorobenzene	10.14	112	1131984	52.732	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	432084	51.805	ug/l	99
67) Ethyl Benzene	10.25	91	1848939	51.786	ug/l	99
68) m/p-Xylenes	10.36	106	1491444	104.283	ug/l	100
69) o-Xylene	10.69	106	736965	52.168	ug/l	99
70) Styrene	10.71	104	1222460	53.503	ug/l	99
71) Bromoform	10.85	173	390003	49.534	ug/l	100
73) Isopropylbenzene	11.02	105	1961074	50.862	ug/l	99
74) N-amyl acetate	10.90	43	762656	45.934	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	594729	48.214	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	480328m	44.572	ug/l	
77) Bromobenzene	11.26	156	547449	51.162	ug/l	99
78) n-propylbenzene	11.36	91	2229158	52.010	ug/l	100
79) 2-Chlorotoluene	11.42	91	1304027	51.190	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1652820	51.521	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	208274	45.354	ug/l #	91
82) 4-Chlorotoluene	11.51	91	1533065	51.762	ug/l	99
83) tert-Butylbenzene	11.77	119	1764809	51.560	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1699670	51.309	ug/l	100
85) sec-Butylbenzene	11.94	105	2070490	53.171	ug/l	99
86) p-Isopropyltoluene	12.06	119	1867074	53.248	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	994998	52.259	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1010143	52.272	ug/l	100
89) n-Butylbenzene	12.38	91	1602673	53.568	ug/l	99
90) Hexachloroethane	12.60	117	354235	49.568	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	965499	51.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	141175	44.647	ug/l	97

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ClientSampleId :
VSTDCCC050

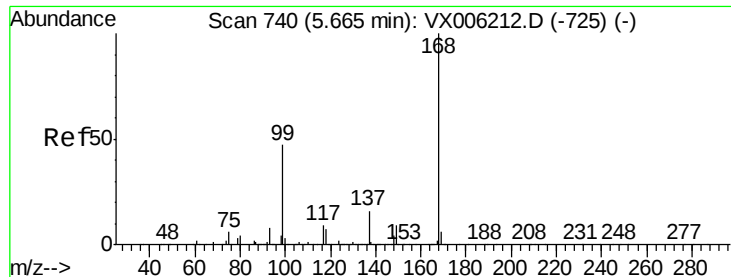
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	720152	52.238	ug/l	99
94) Hexachlorobutadiene	13.78	225	343820	56.395	ug/l	100
95) Naphthalene	13.83	128	2156680	50.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	718867	52.647	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 767686

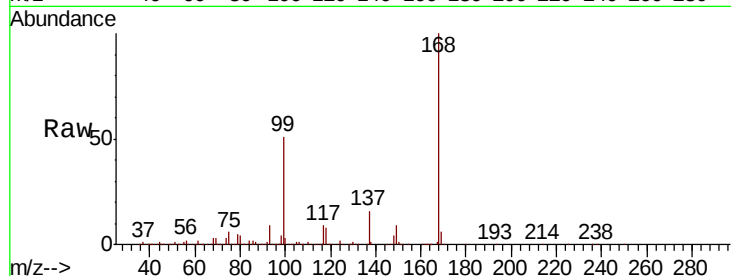
Ion Ratio Lower Upper

168 100

99 50.7 37.8 56.8

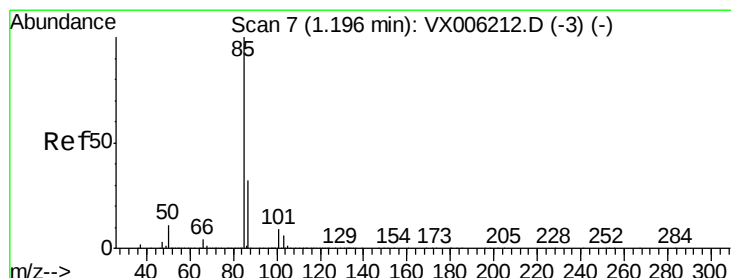
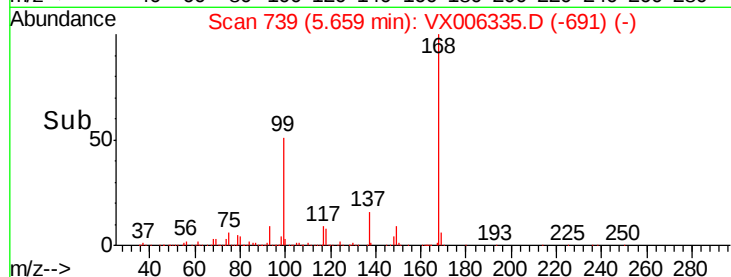
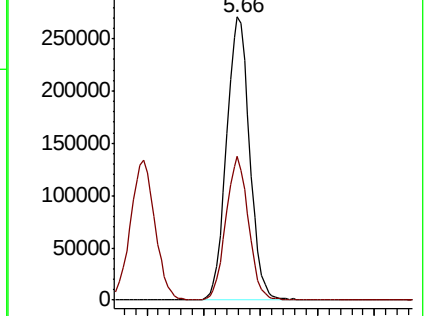
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.012 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006335.D

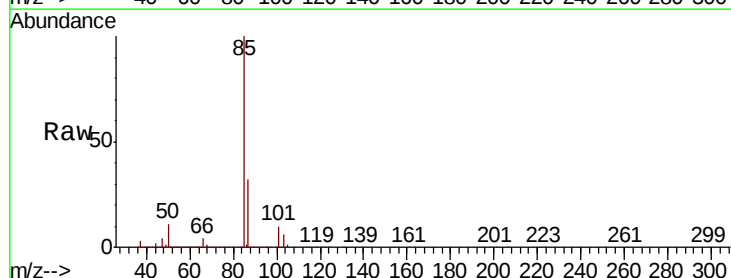
Acq: 07 Dec 2018 09:49

Tgt Ion: 85 Resp: 405991

Ion Ratio Lower Upper

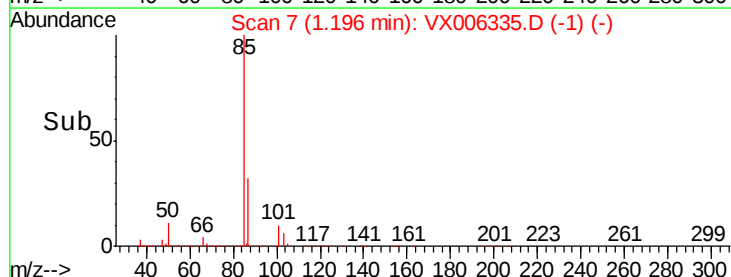
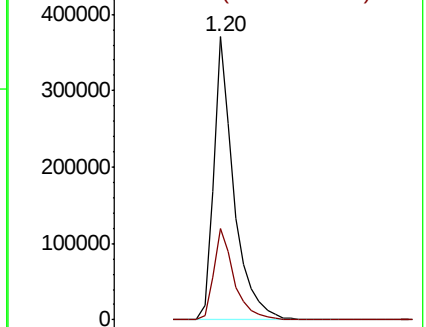
85 100

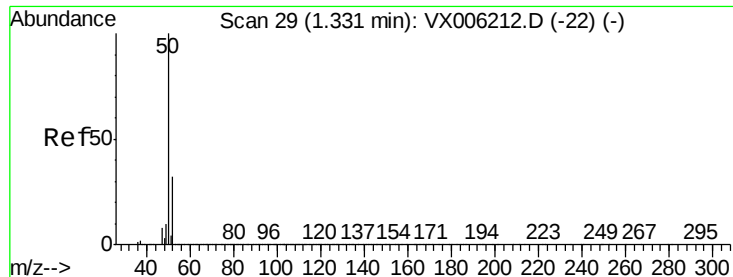
87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





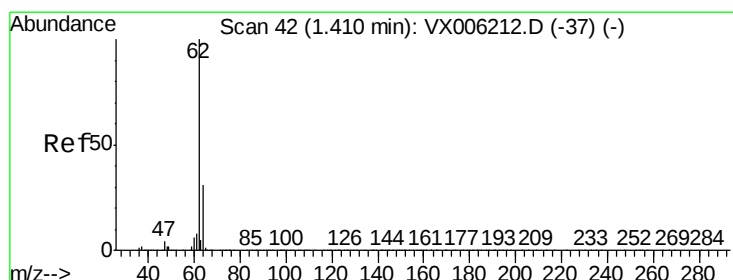
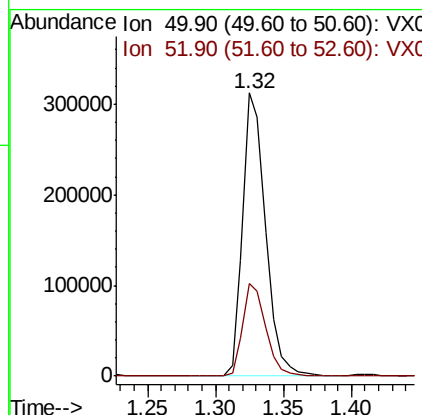
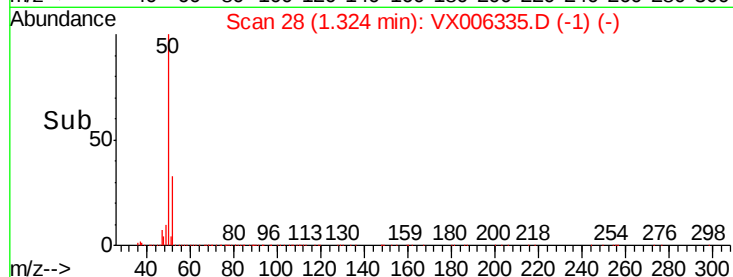
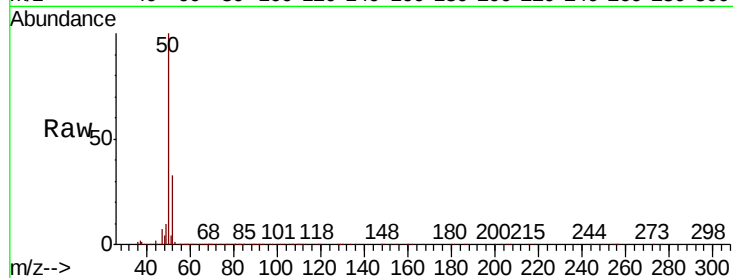
#3
Chloromethane
Concen: 47.562 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 50 Resp: 367389
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8

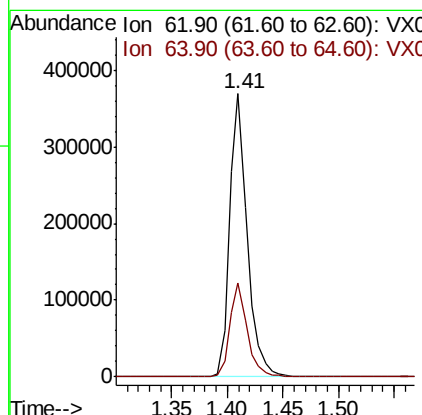
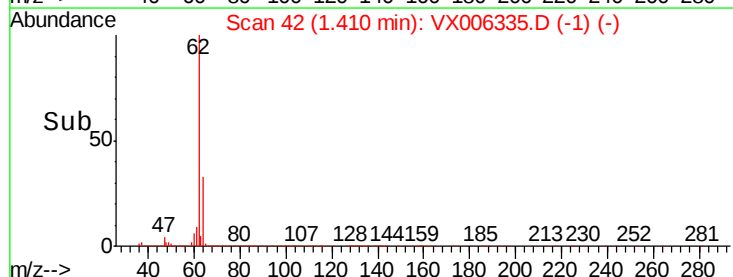
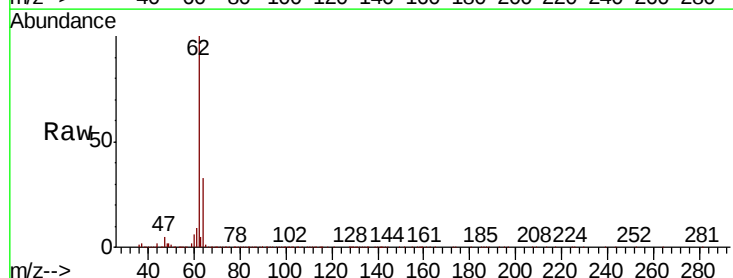
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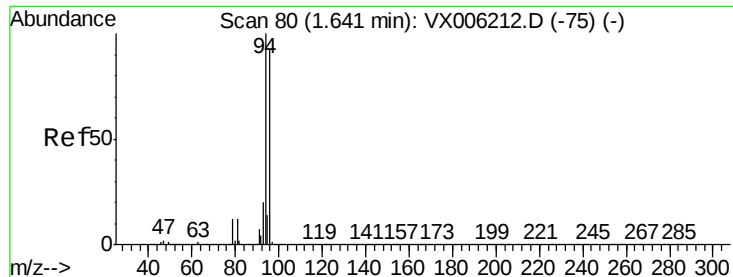
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#4
Vinyl Chloride
Concen: 48.146 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 62 Resp: 400260
Ion Ratio Lower Upper
62 100
64 33.4 24.9 37.3





#5

Bromomethane

Concen: 51.097 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 294399

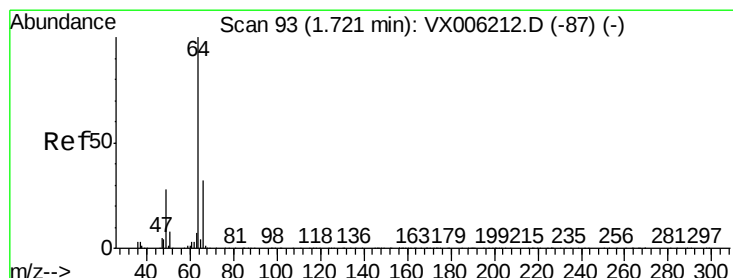
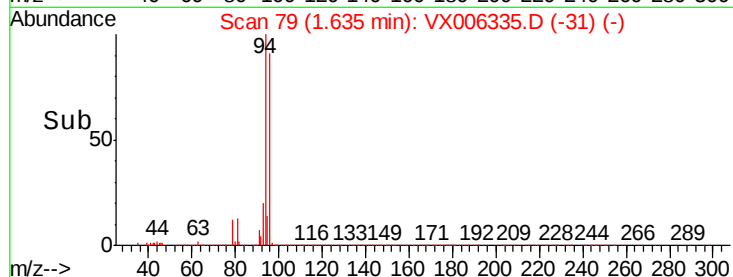
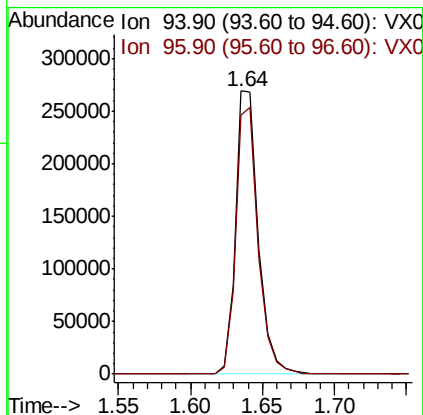
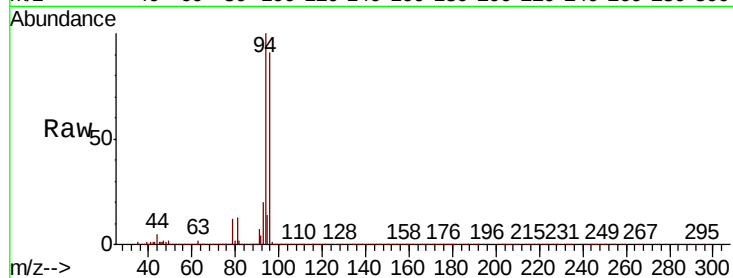
Ion Ratio Lower Upper

94 100

96 91.4 74.5 111.7

Manual Integrations
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#6

Chloroethane

Concen: 47.923 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006335.D

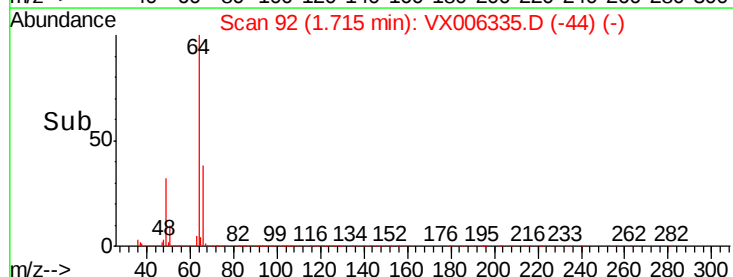
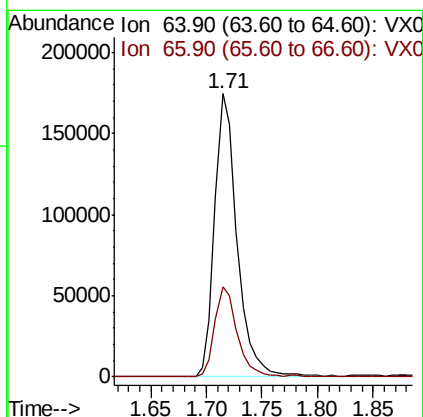
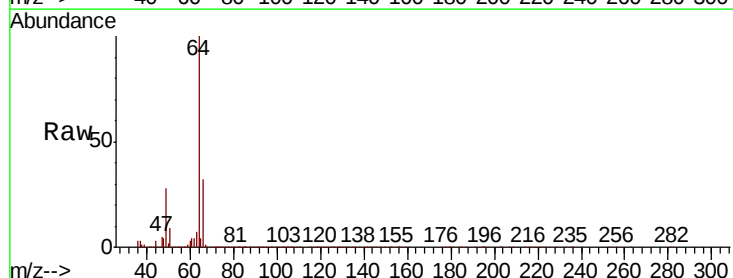
Acq: 07 Dec 2018 09:49

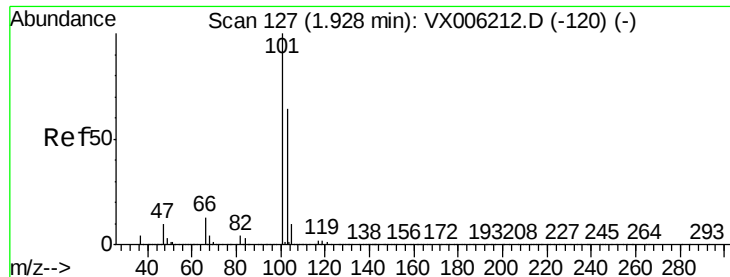
Tgt Ion: 64 Resp: 244277

Ion Ratio Lower Upper

64 100

66 32.0 25.9 38.9





#7

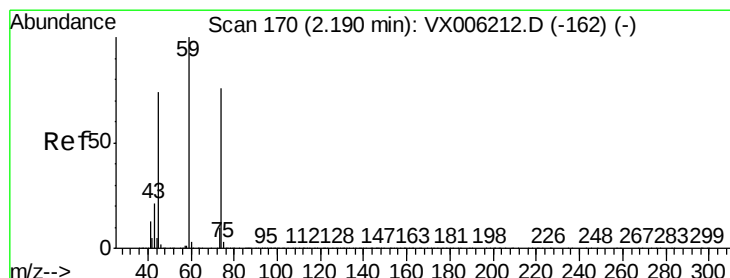
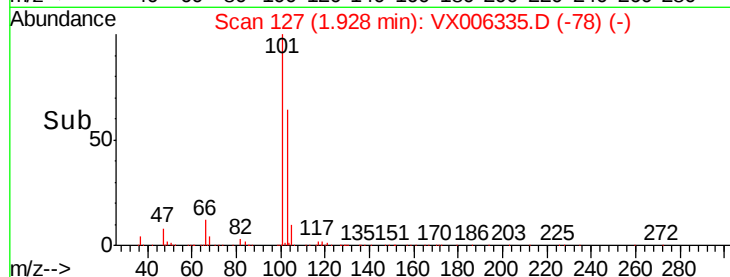
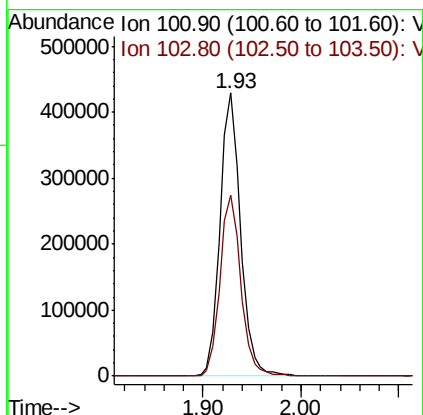
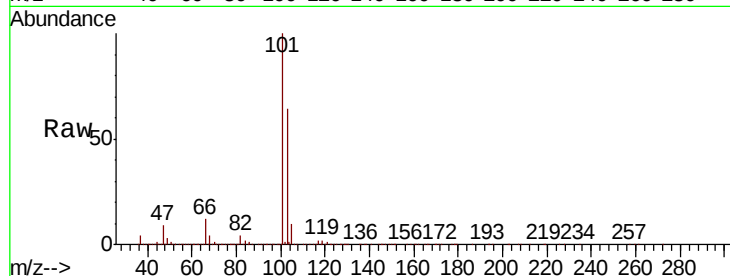
Trichlorofluoromethane
Concen: 49.138 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.0	76.4

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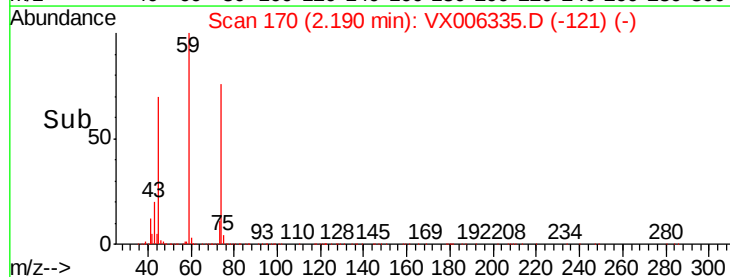
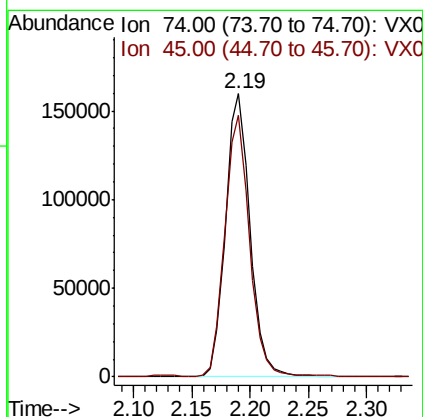
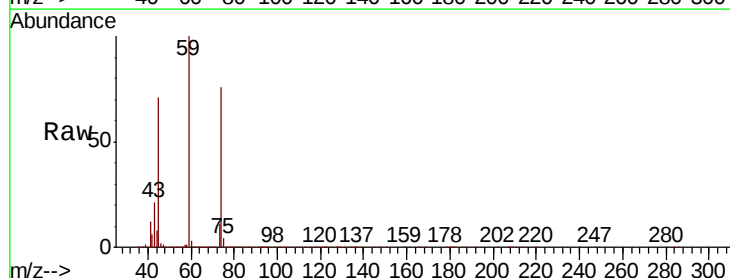
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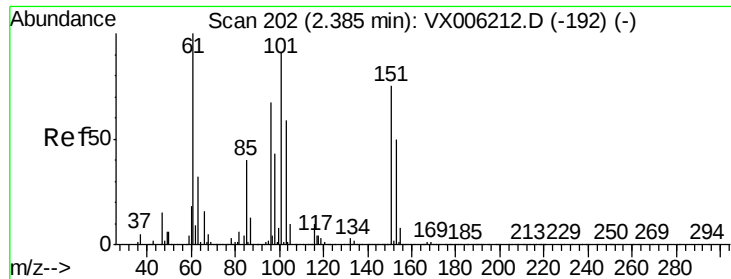


#8

Diethyl Ether
Concen: 48.222 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.862 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

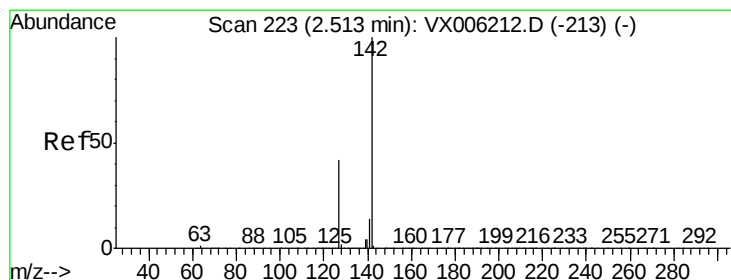
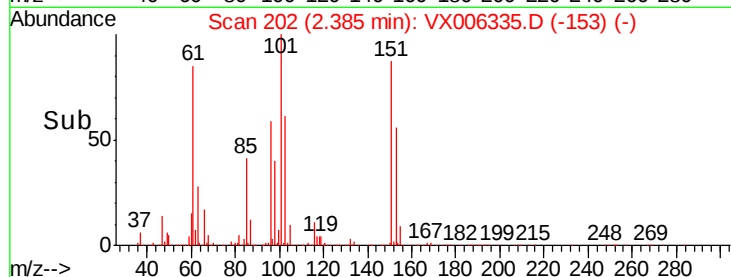
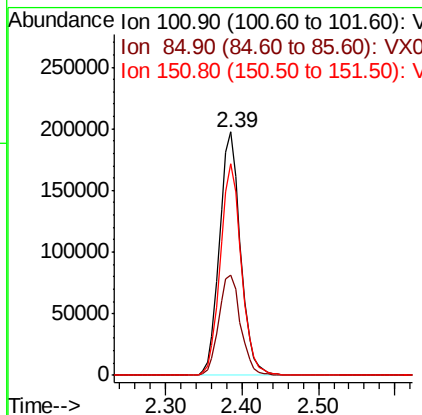
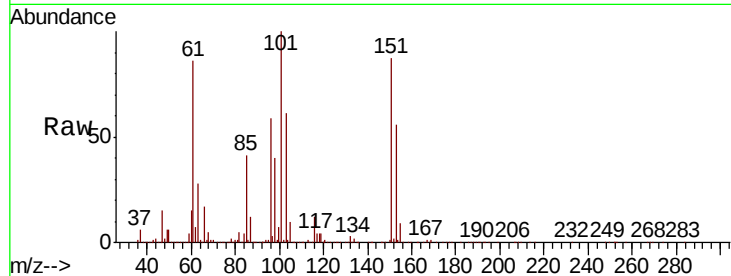
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	376331
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.5	53.3
151	86.8	68.6	103.0

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#10

Methyl Iodide

Concen: 47.016 ug/l

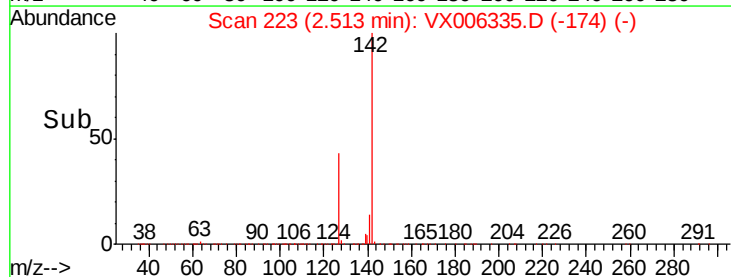
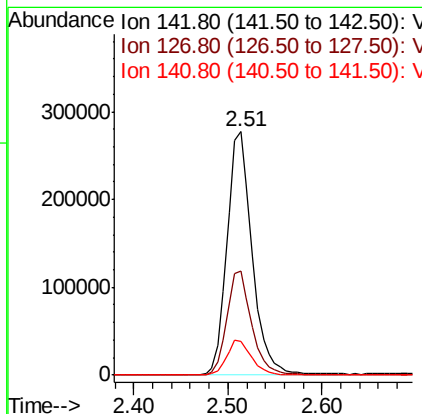
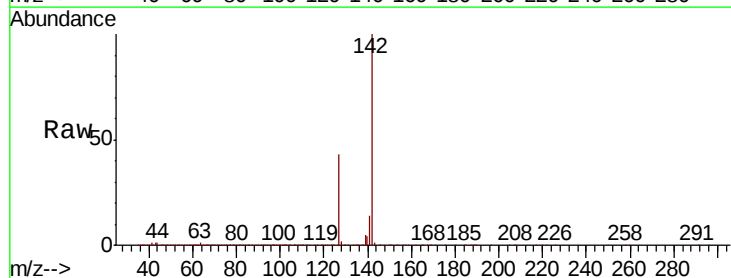
RT: 2.51 min Scan# 223

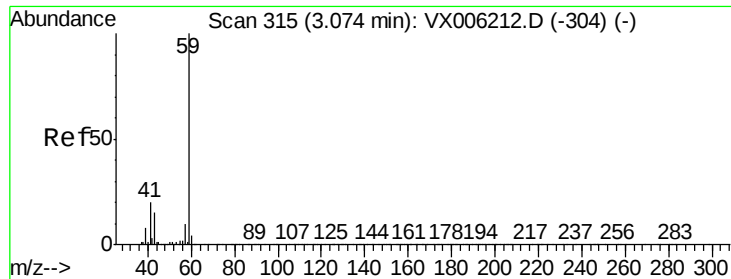
Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion:	142	Resp:	514145
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.8	52.2
141	14.2	11.4	17.2





#11

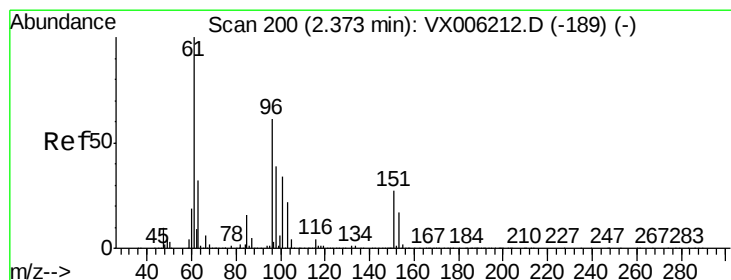
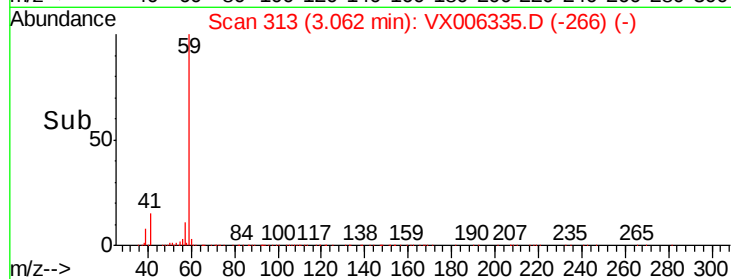
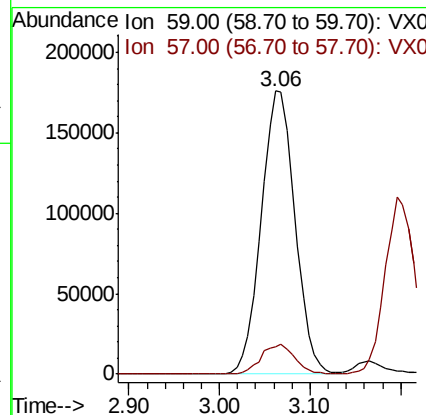
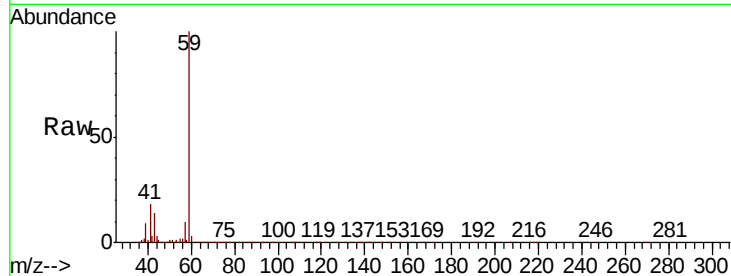
Tert butyl alcohol
Concen: 211.386 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

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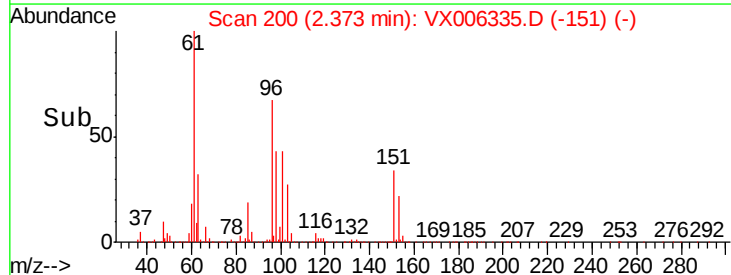
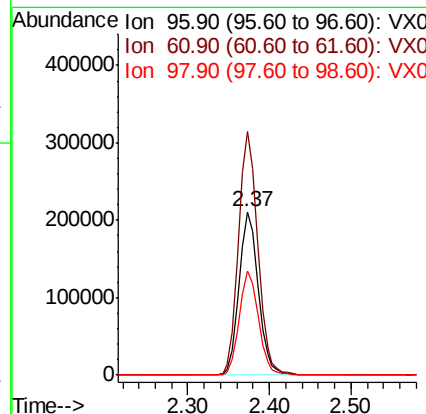
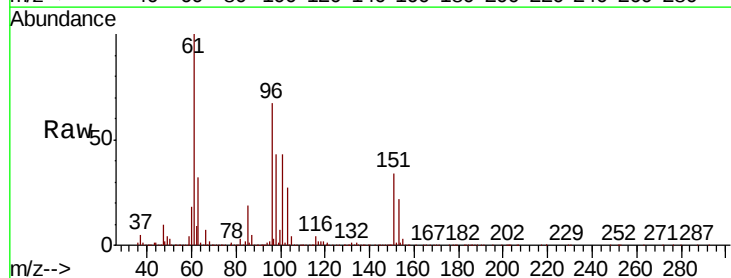
MMDadoda
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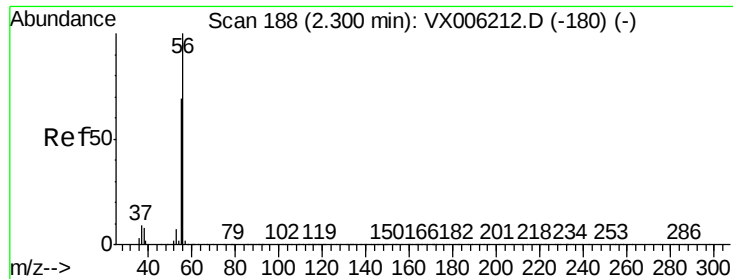


#12

1,1-Dichloroethene
Concen: 48.778 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.4	131.7	197.5
98	63.9	51.8	77.6





#13

Acrolein

Concen: 190.733 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 223423

Ion Ratio Lower Upper

56 100

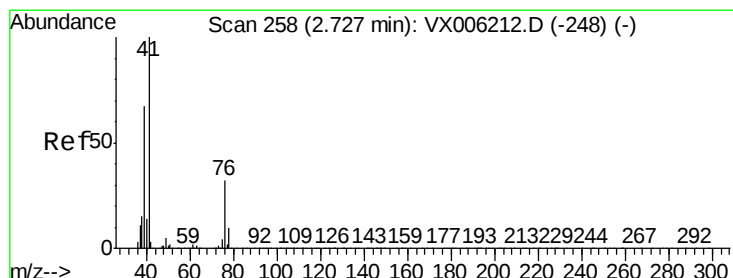
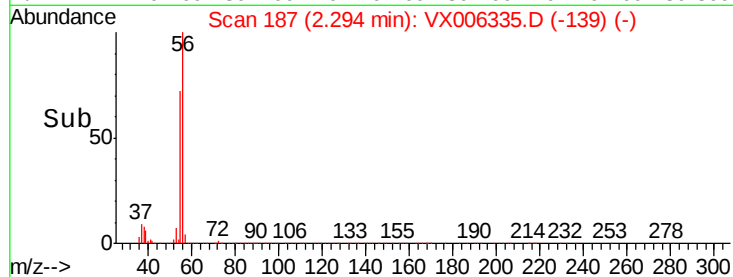
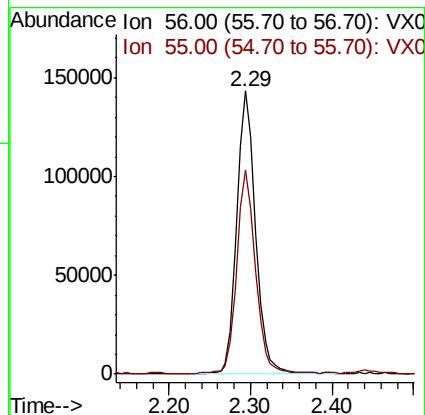
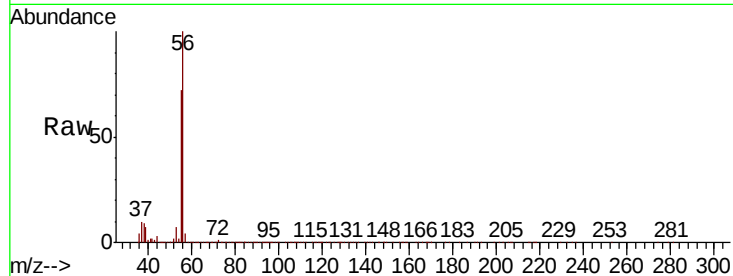
55 72.0 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 43.650 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

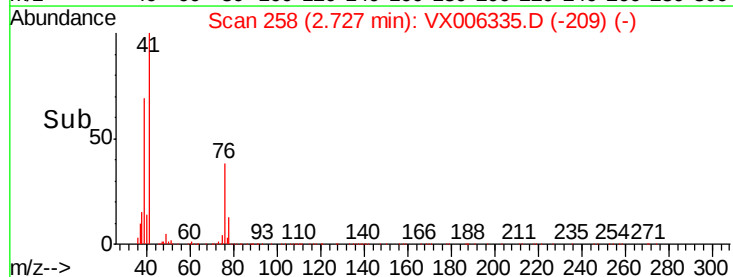
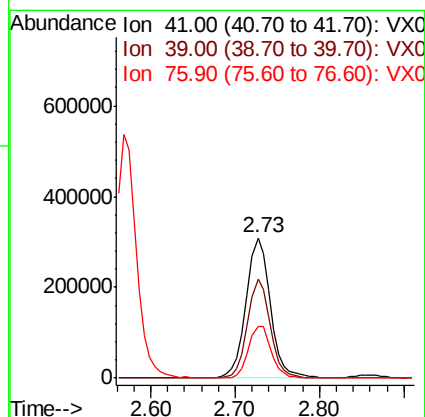
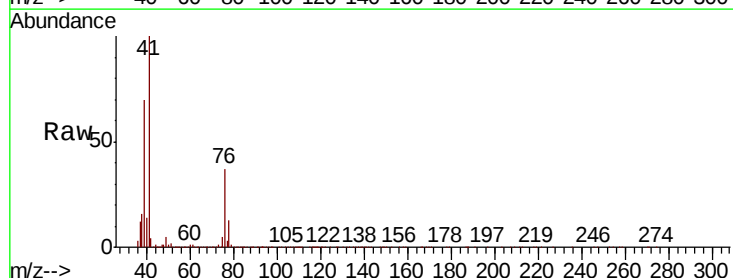
Tgt Ion: 41 Resp: 598966

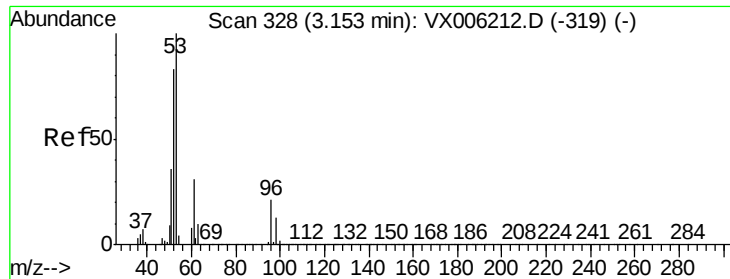
Ion Ratio Lower Upper

41 100

39 65.6 52.4 78.6

76 34.7 25.4 38.0





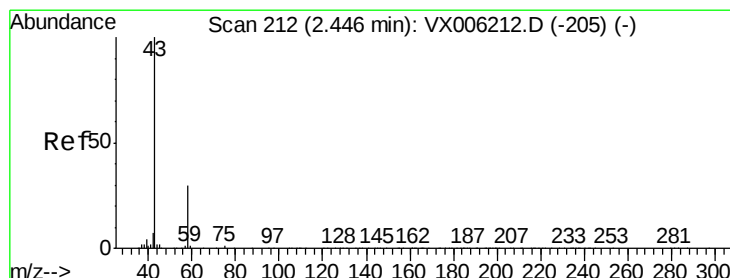
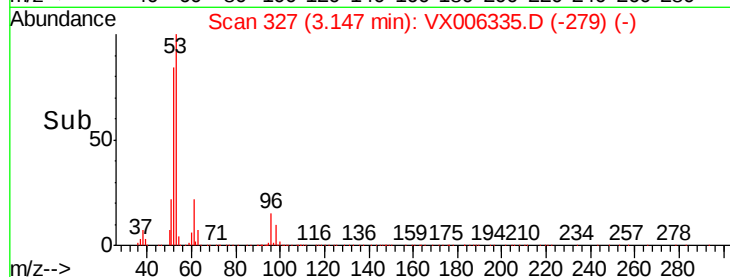
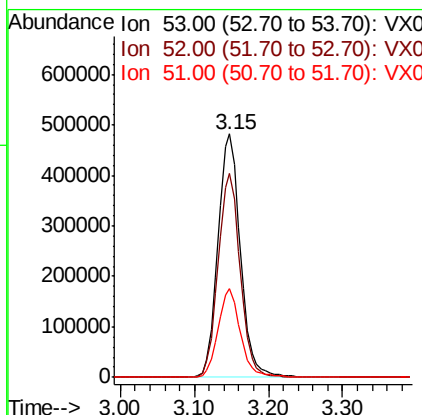
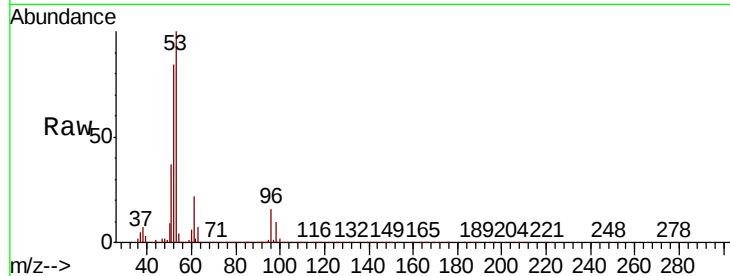
#15
Acrylonitrile
Concen: 223.529 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.4
51	36.0	28.7	43.1

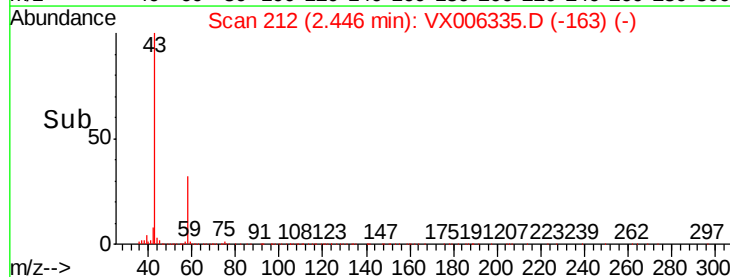
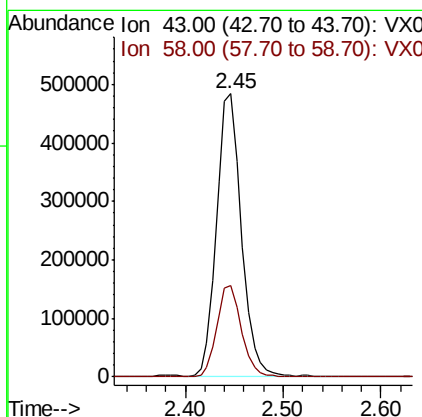
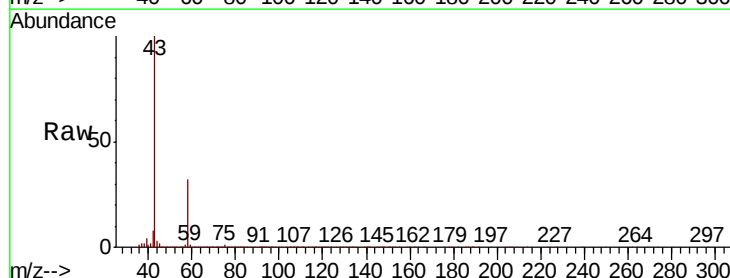
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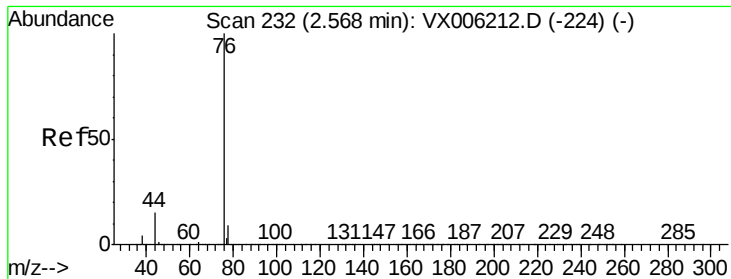
MMDadoda
12/10/2018 9:57:21 AM



#16
Acetone
Concen: 230.372 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.0	36.0





#17

Carbon Disulfide

Concen: 43.171 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 924073

Ion Ratio Lower Upper

76 100

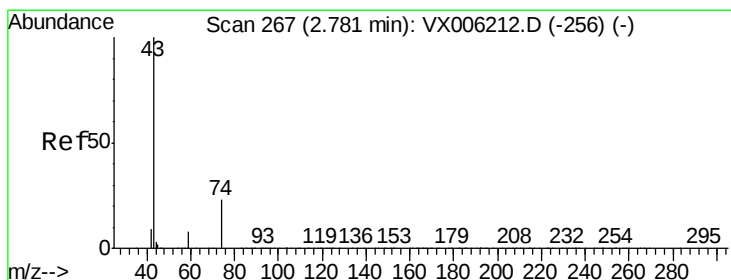
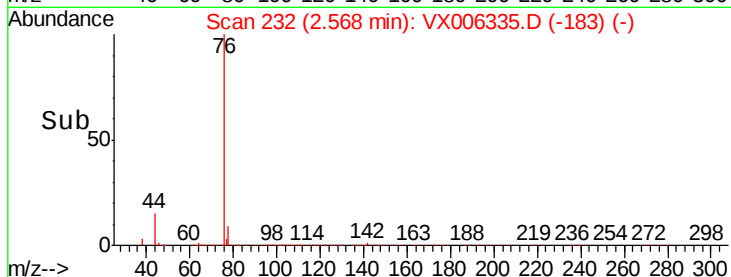
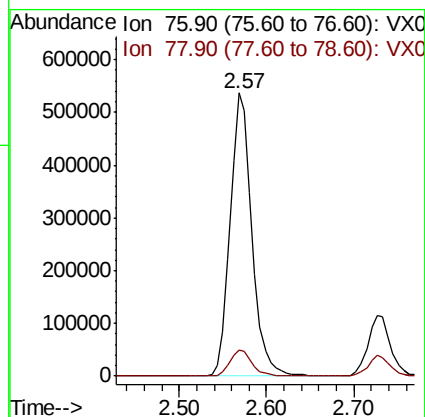
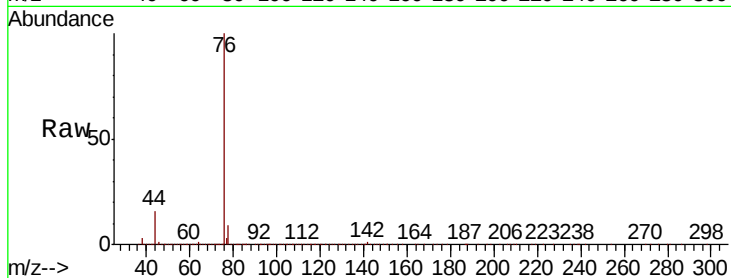
78 9.1 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 46.072 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006335.D

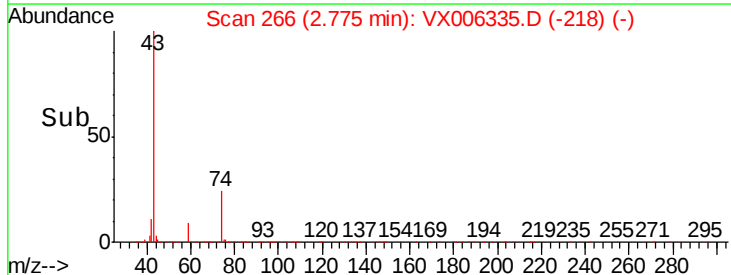
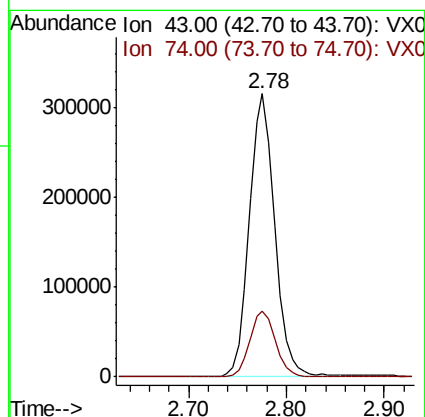
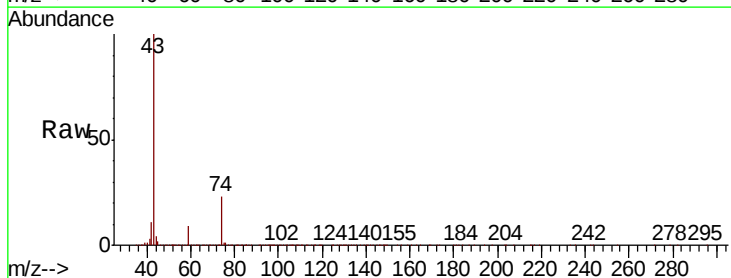
Acq: 07 Dec 2018 09:49

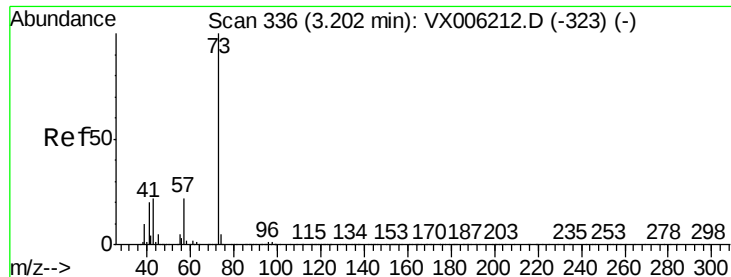
Tgt Ion: 43 Resp: 566645

Ion Ratio Lower Upper

43 100

74 24.1 17.9 26.9





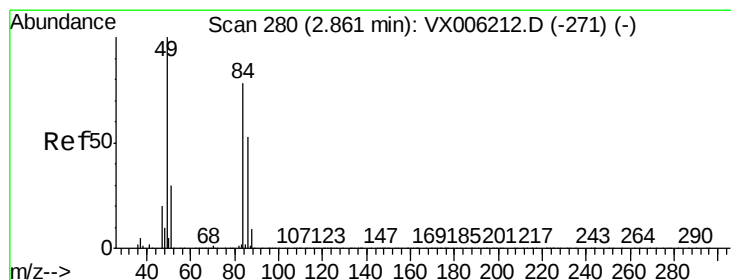
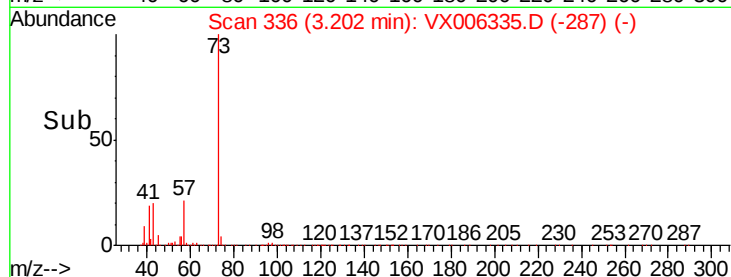
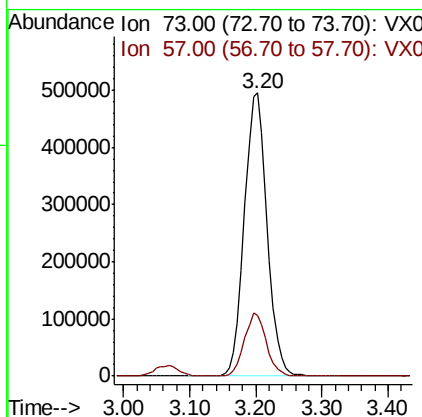
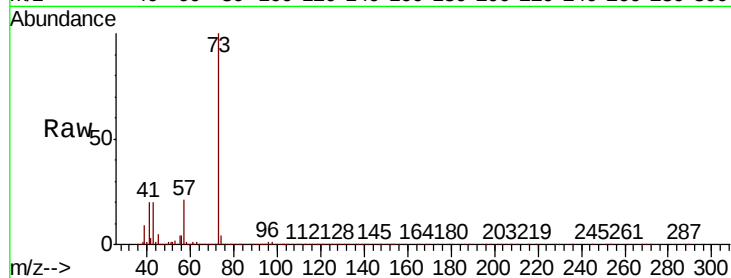
#19
Methvl tert-butvl Ether
Concen: 47.788 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1184218
Ion Ratio Lower Upper
73 100
57 21.1 17.5 26.3

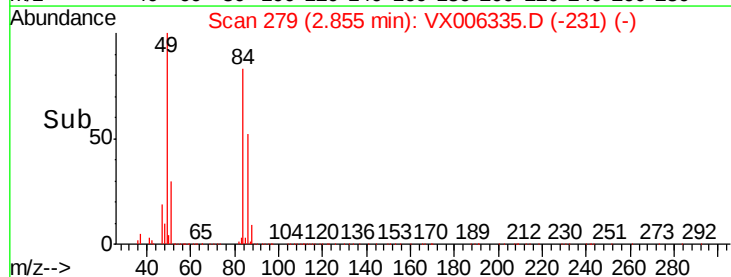
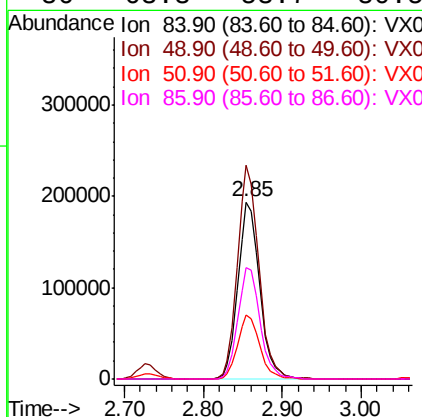
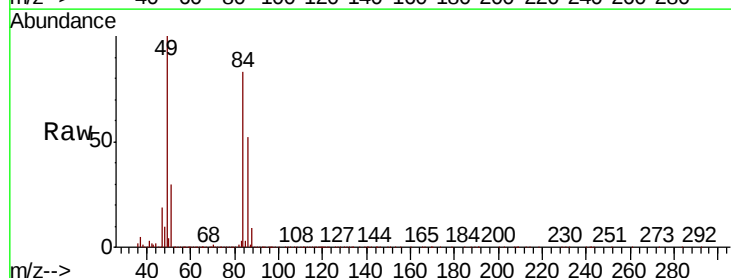
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#20
Methylene Chloride
Concen: 47.530 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 84 Resp: 372031
Ion Ratio Lower Upper
84 100
49 120.8 102.2 153.4
51 36.0 31.1 46.7
86 63.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.913 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

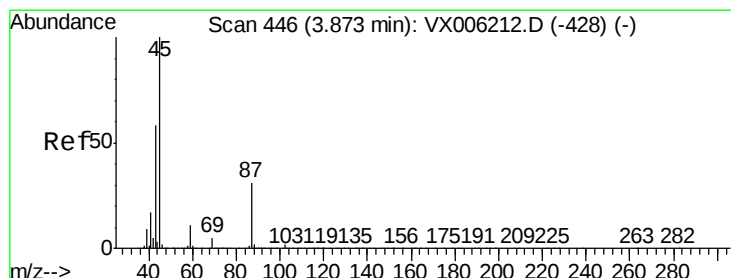
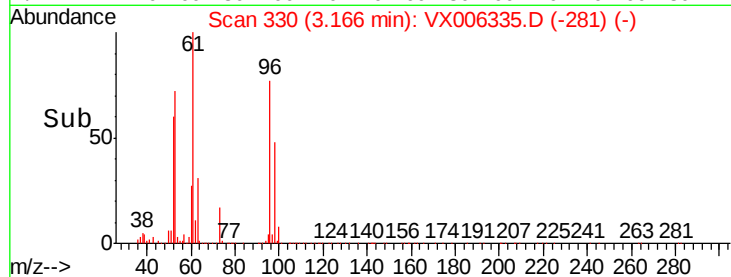
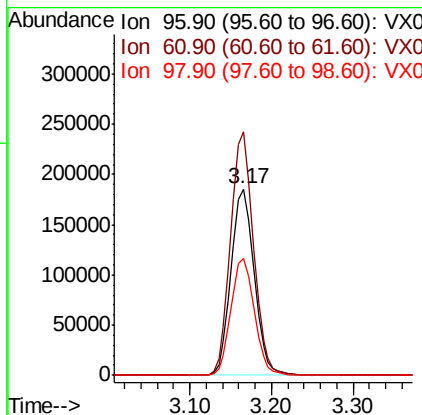
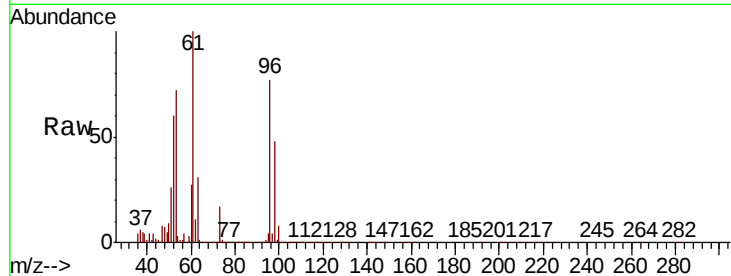
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	362086
Ion	Ratio	Lower	Upper
96	100		
61	130.5	113.3	169.9
98	62.7	53.2	79.8

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#22

Diisopropyl ether

Concen: 53.833 ug/l

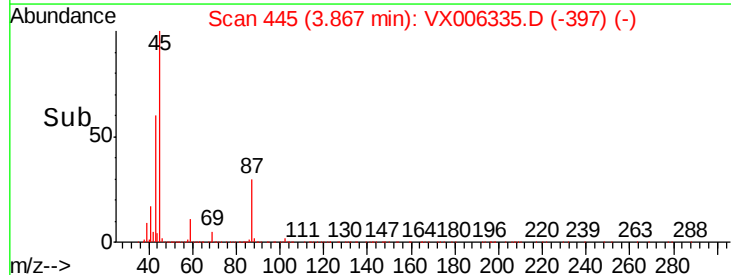
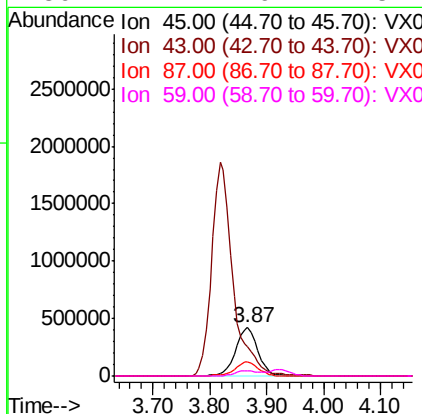
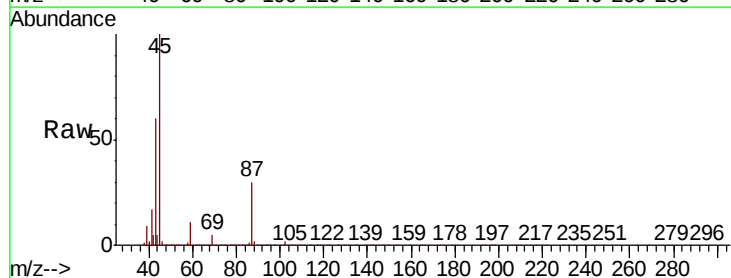
RT: 3.87 min Scan# 445

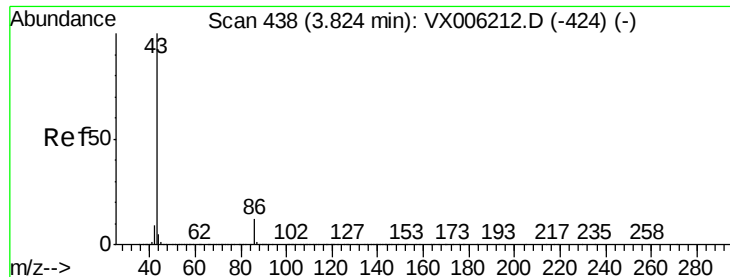
Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion:	45	Resp:	1153830
Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.2	69.2
87	30.1	24.9	37.3
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 265.742 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4857991

Ion Ratio Lower Upper

43 100

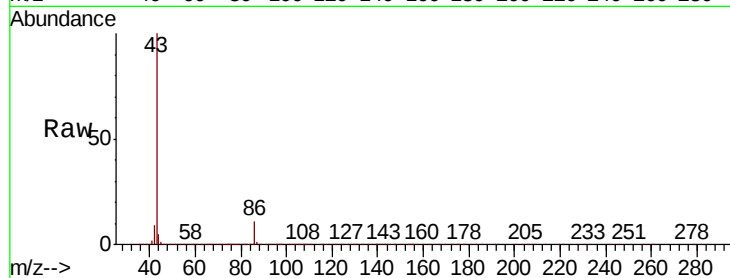
86 10.9 9.4 14.0

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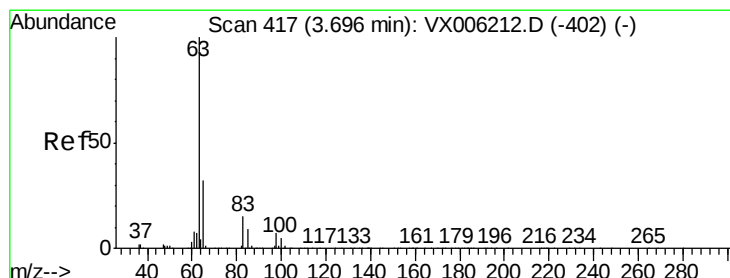
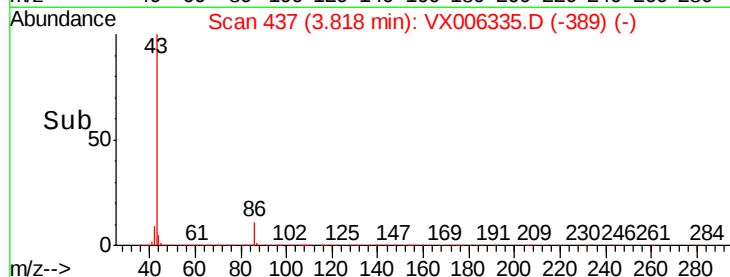
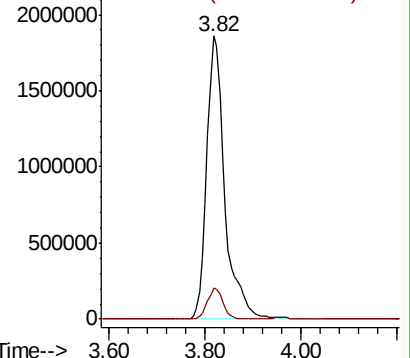
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.457 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

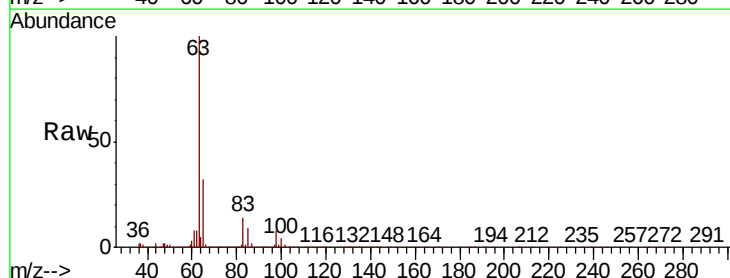
Tgt Ion: 63 Resp: 642643

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

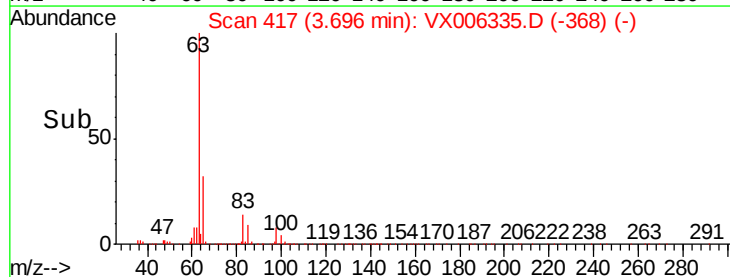
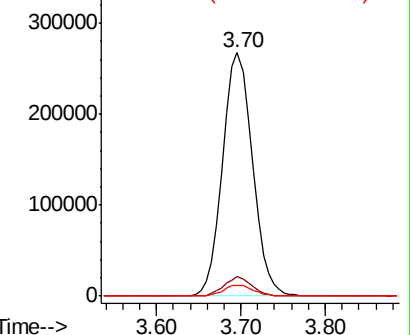
100 4.3 2.5 7.4

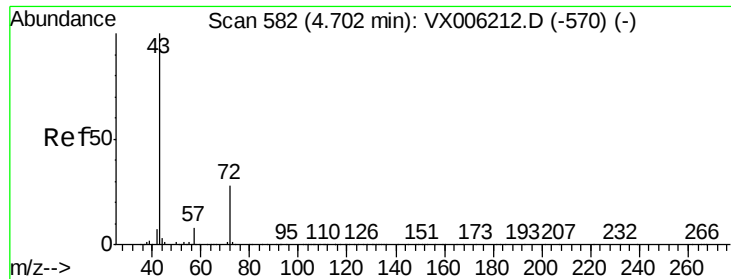


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





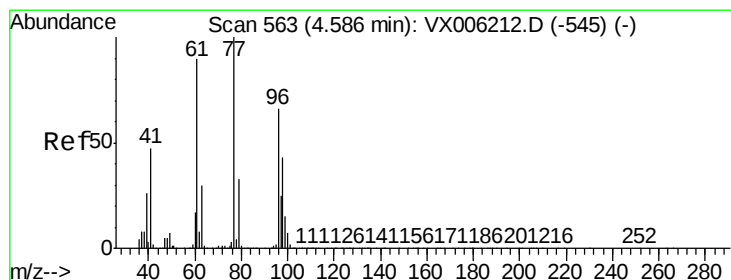
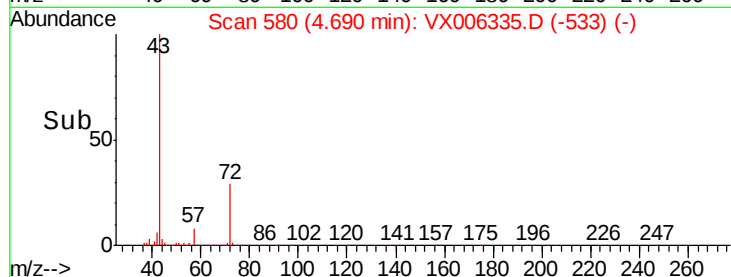
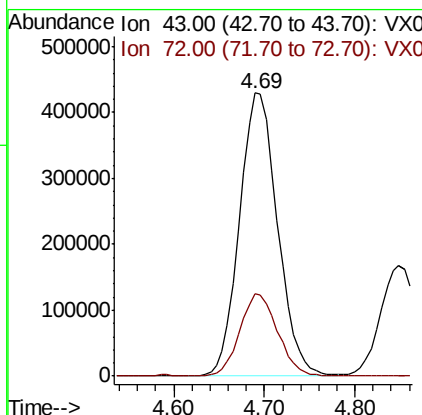
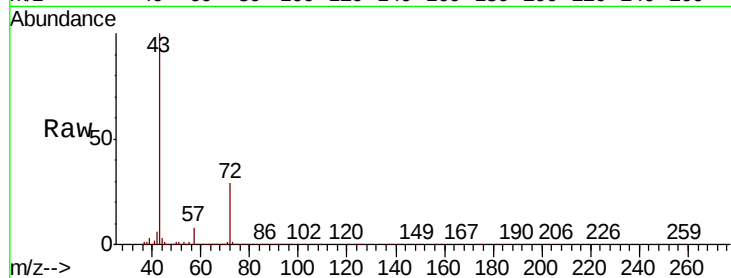
#25
2-Butanone
Concen: 237.581 ug/l
RT: 4.69 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1246746
Ion Ratio Lower Upper
43 100
72 28.9 22.6 33.8

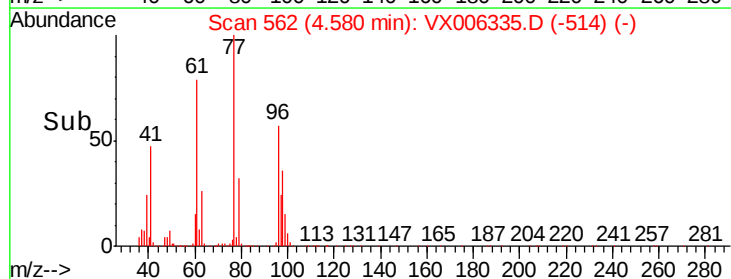
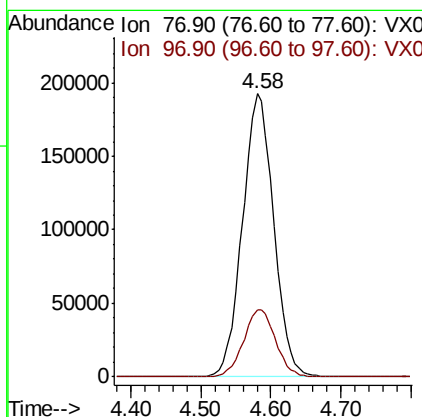
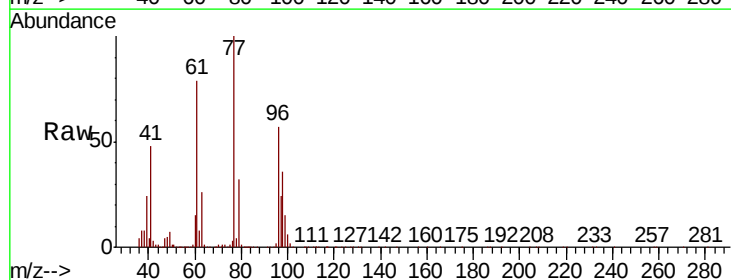
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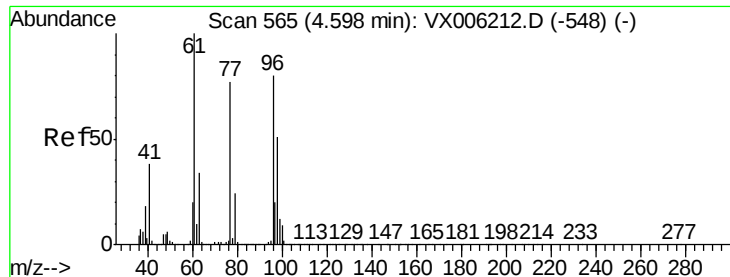
MMDadoda
12/10/2018 9:57:21 AM



#26
2,2-Dichloropropane
Concen: 52.502 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 77 Resp: 593590
Ion Ratio Lower Upper
77 100
97 24.3 12.3 36.8





#27

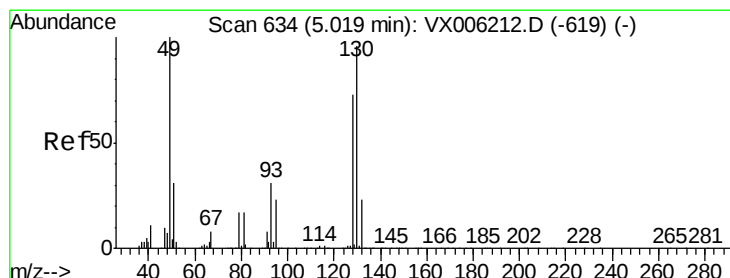
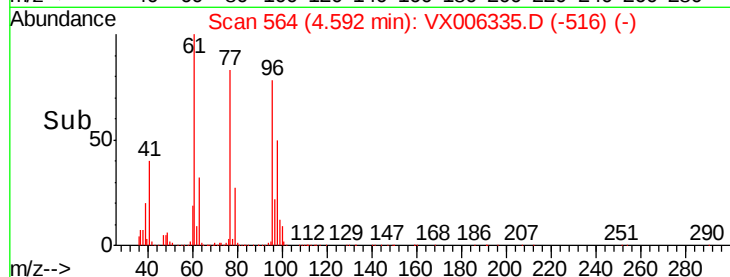
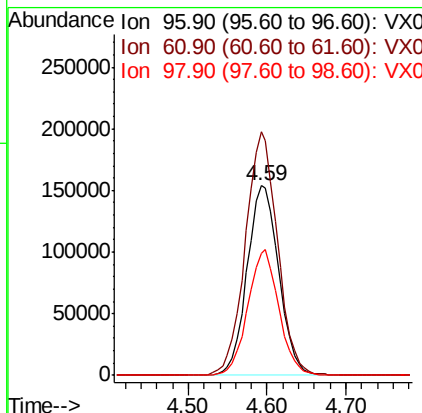
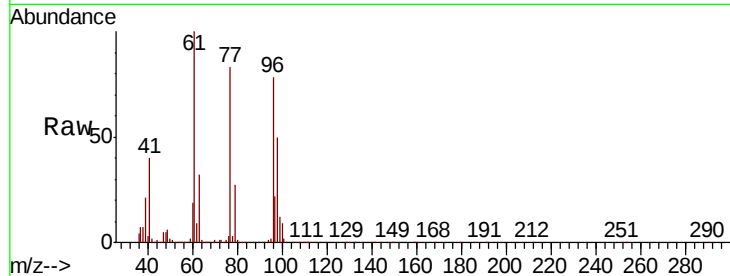
cis-1,2-Dichloroethene
Concen: 52.122 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	430384		
61	129.7		0.0	265.0
98	64.4		0.0	130.2

Manual Integrations
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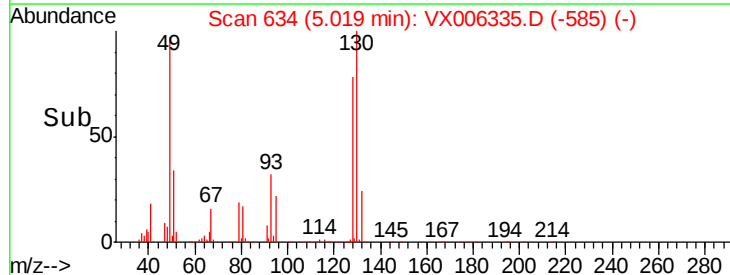
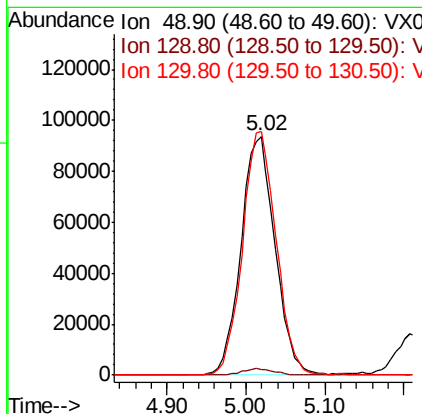
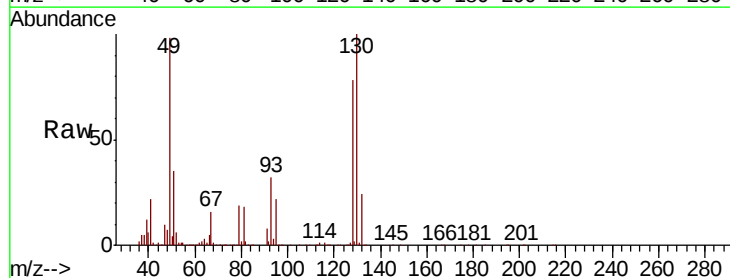
MMDadoda
12/10/2018 9:57:21 AM

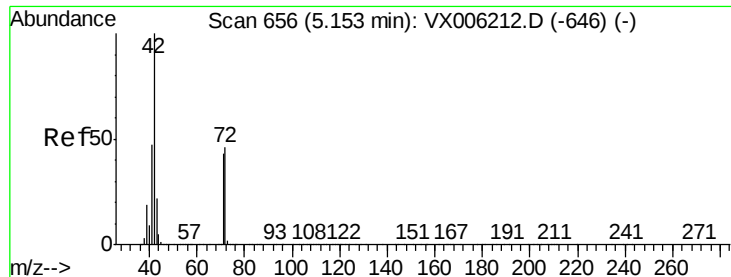


#28

Bromochloromethane
Concen: 52.651 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	281741		
129	2.6		0.0	5.0
130	100.7		78.3	117.5





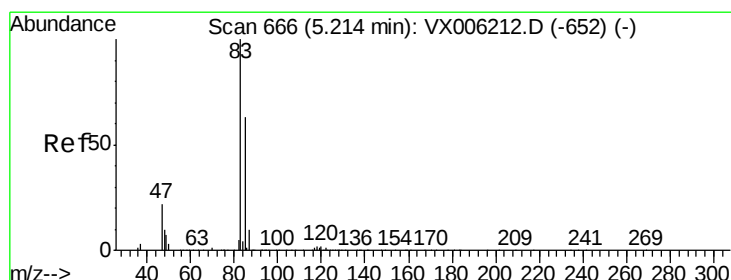
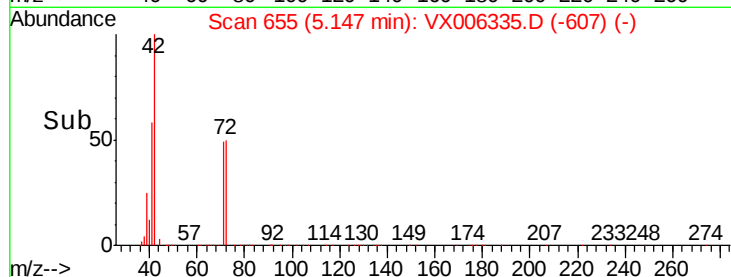
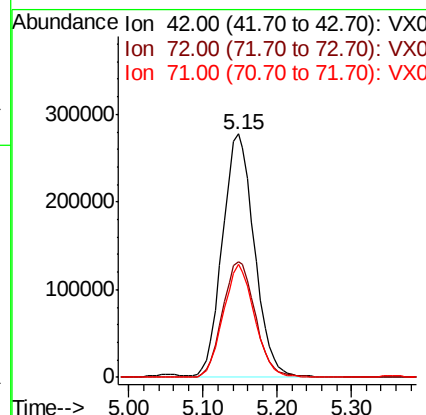
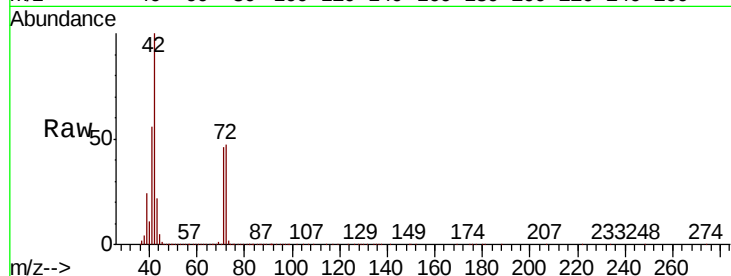
#29
Tetrahydrofuran
Concen: 226.395 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	37.8	56.8
71	45.6	35.2	52.8

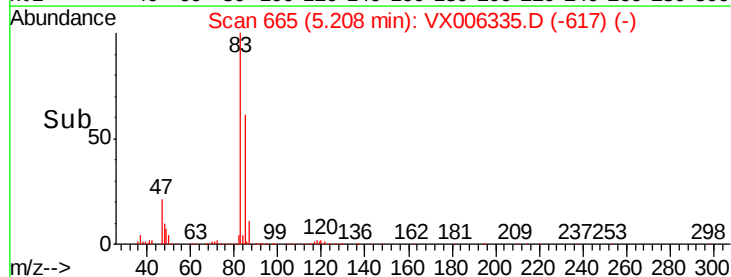
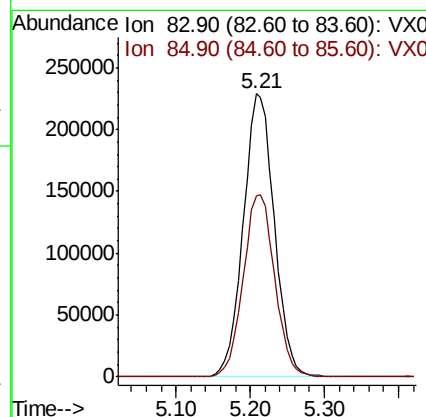
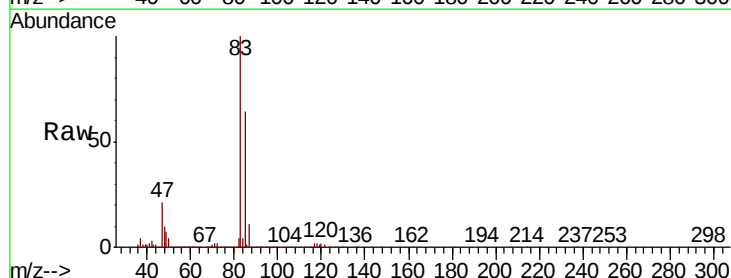
Manual Integrations
APPROVED

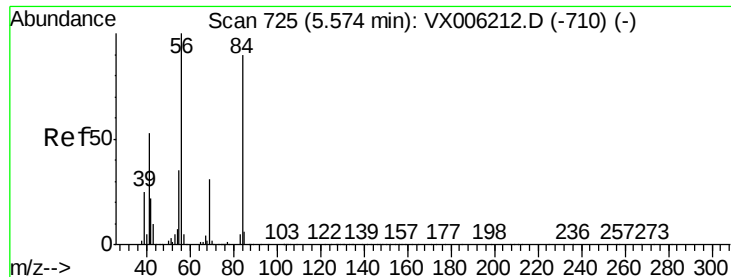
MMDadoda
12/10/2018 9:57:21 AM



#30
Chloroform
Concen: 51.824 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5





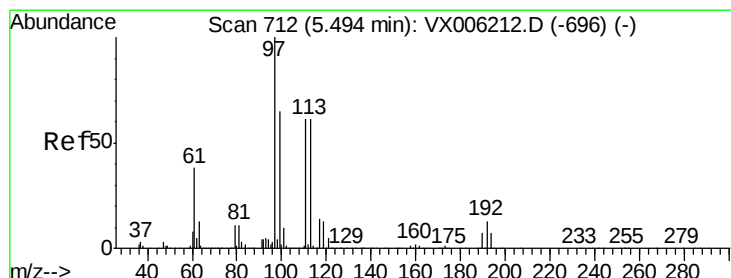
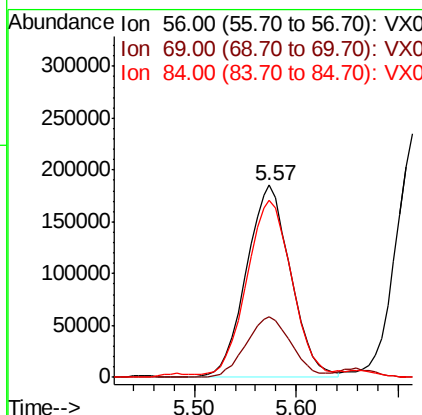
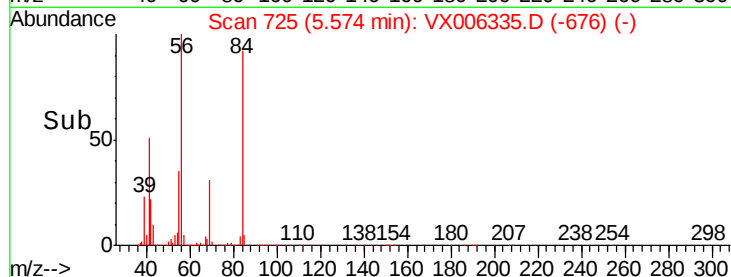
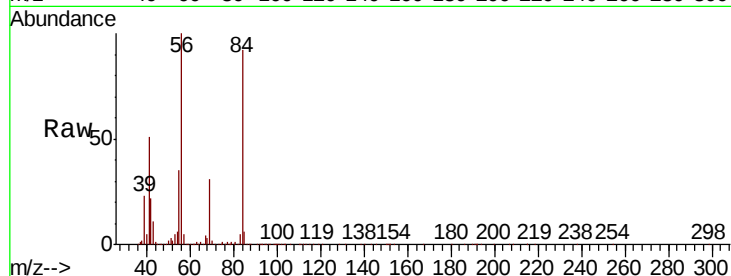
#31
Cyclohexane
Concen: 49.046 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.5	36.7
84	90.6	71.8	107.6

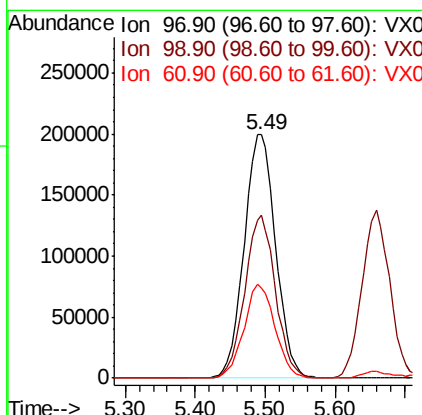
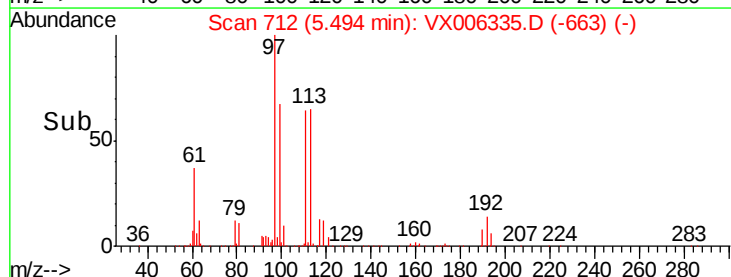
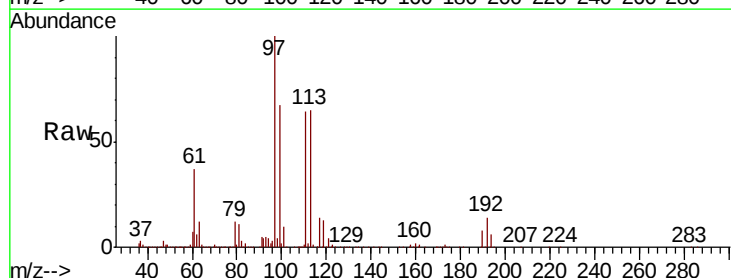
Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:21 AM



#32
1,1,1-Trichloroethane
Concen: 50.868 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	38.1	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 48.901 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 383229

Ion Ratio Lower Upper

65 100

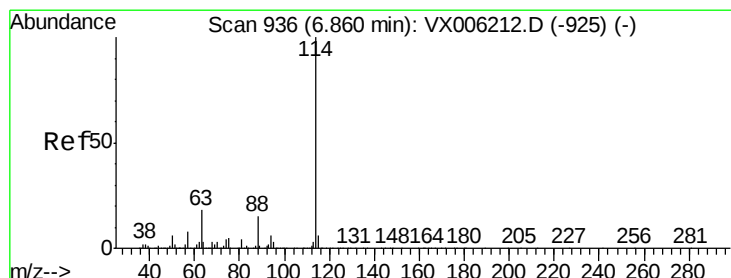
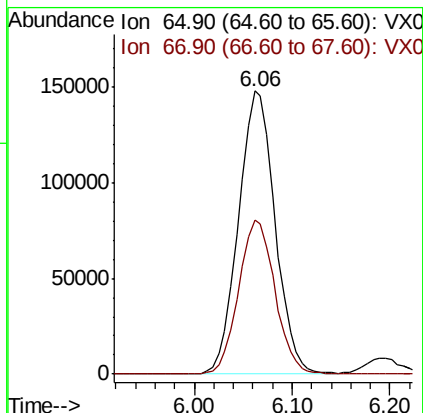
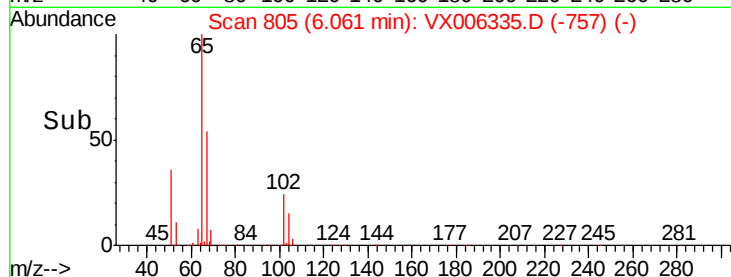
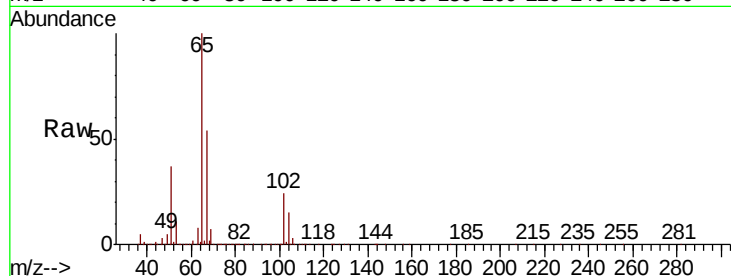
67 54.0 0.0 107.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

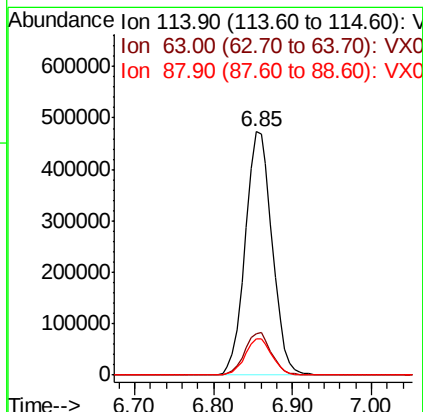
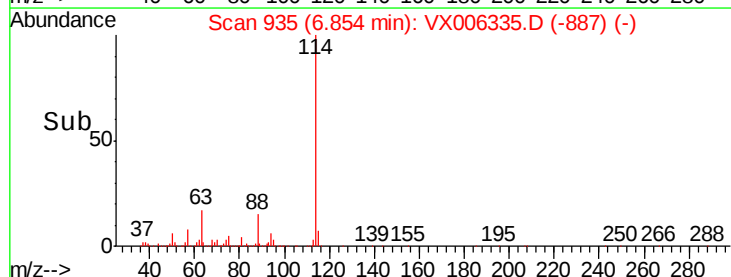
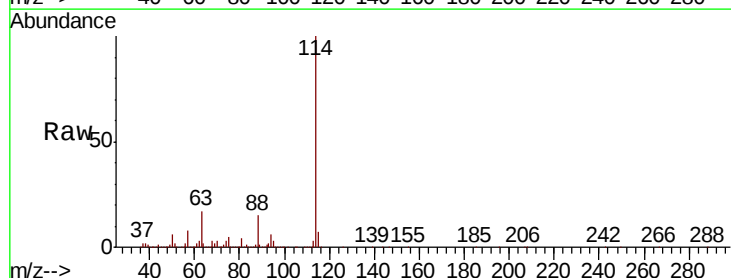
Tgt Ion: 114 Resp: 1122752

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.730 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

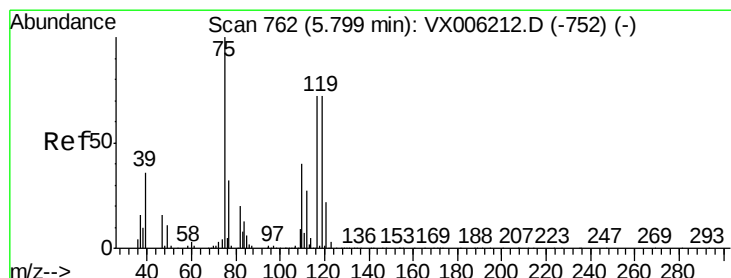
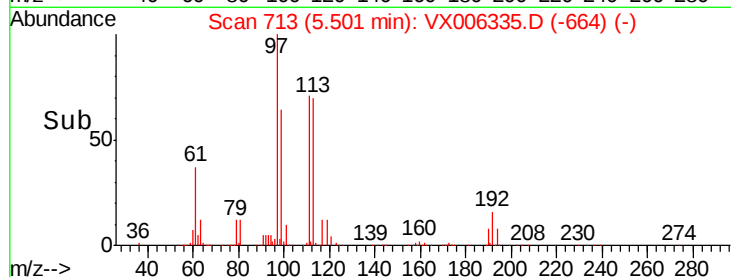
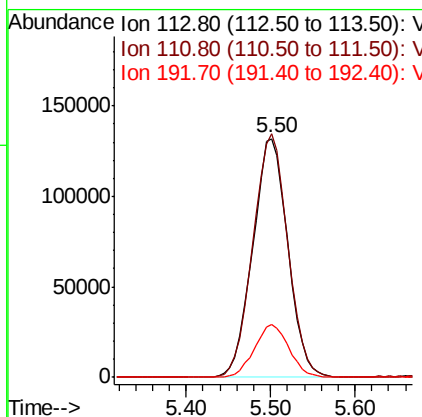
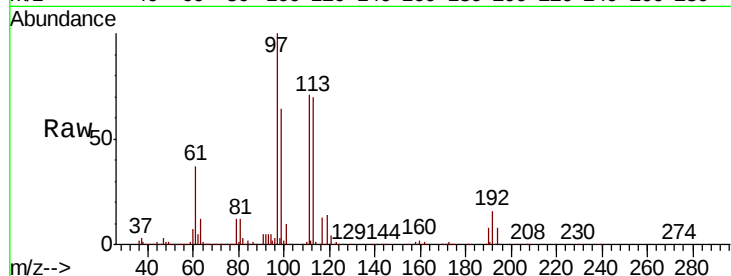
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	376042
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.1	121.7
192	21.8	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 51.889 ug/l

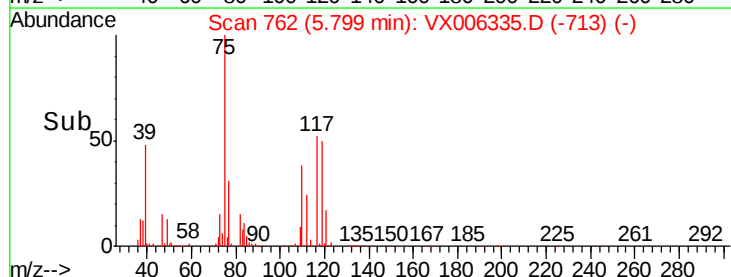
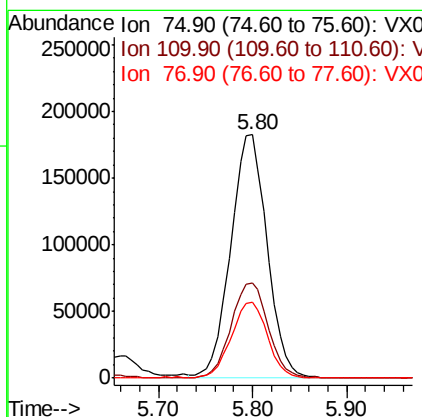
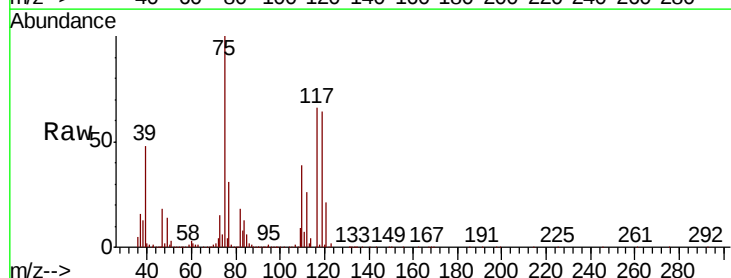
RT: 5.80 min Scan# 762

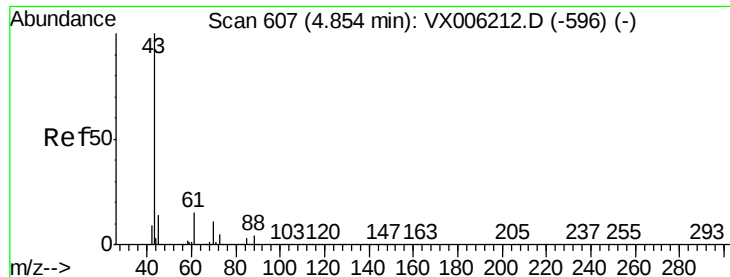
Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion:	75	Resp:	490593
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.4	61.3
77	31.1	24.9	37.3





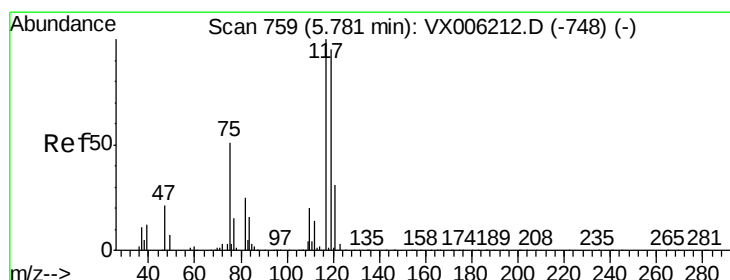
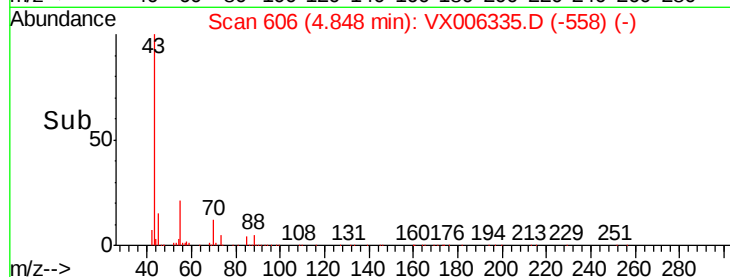
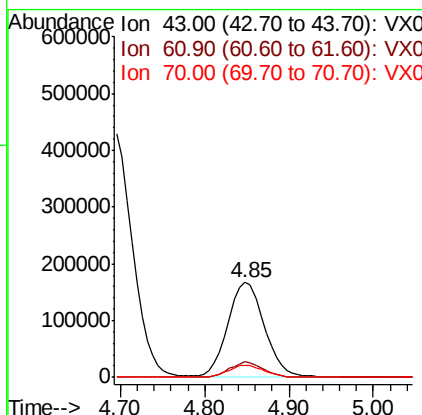
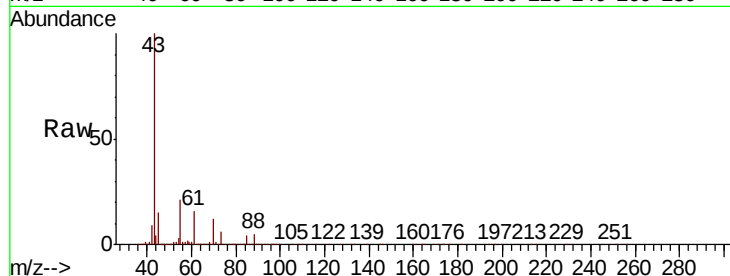
#37
Ethyl Acetate
Concen: 46.502 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	492365
Ion Ratio	100	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.5	9.0	13.6

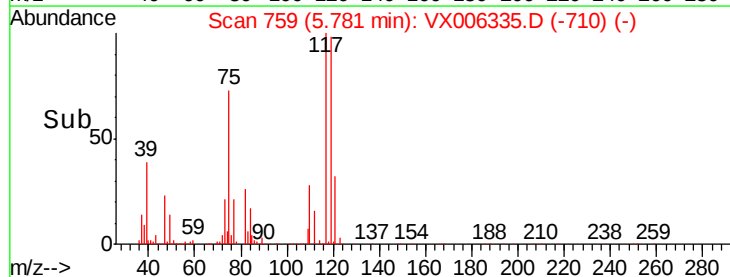
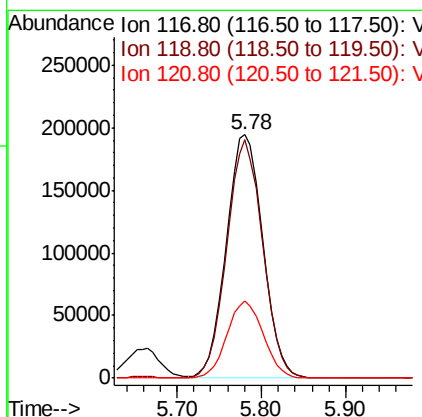
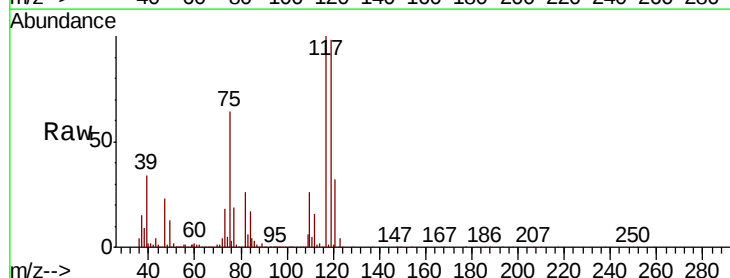
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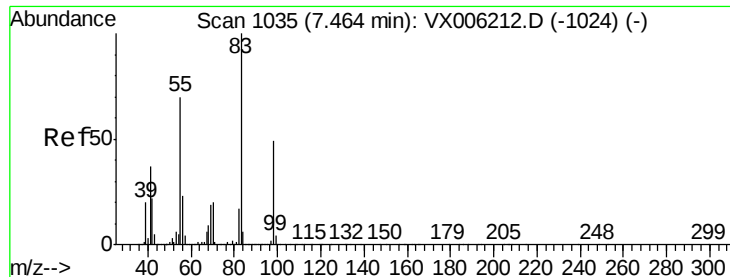
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#38
Carbon Tetrachloride
Concen: 51.498 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	117	Resp	572802
Ion Ratio	100	Lower	Upper
117	100		
119	97.7	75.8	113.8
121	31.8	24.6	37.0





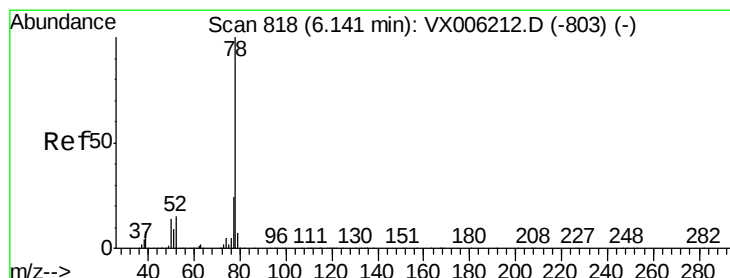
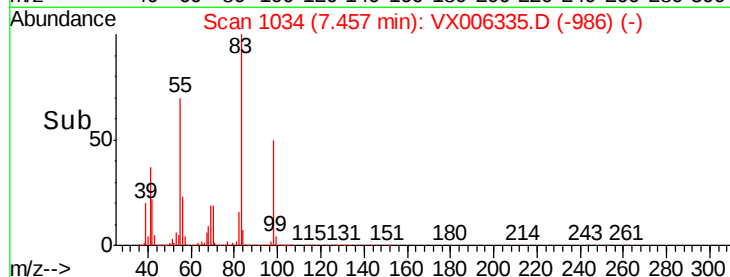
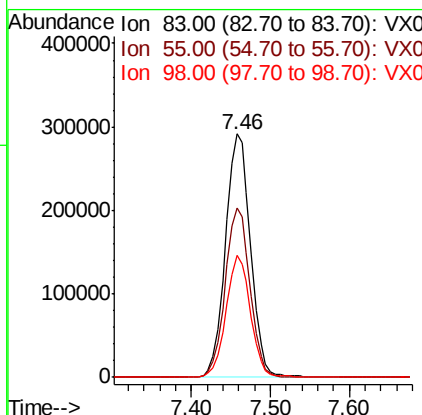
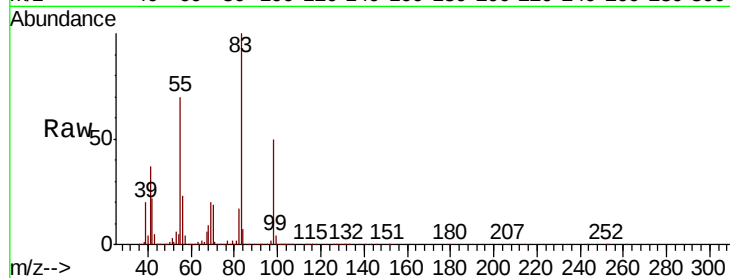
#39
Methvlcvclohexane
Concen: 52.336 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.5	56.4	84.6
98	50.2	39.0	58.6

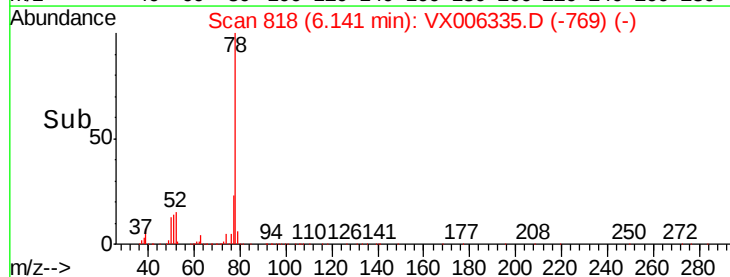
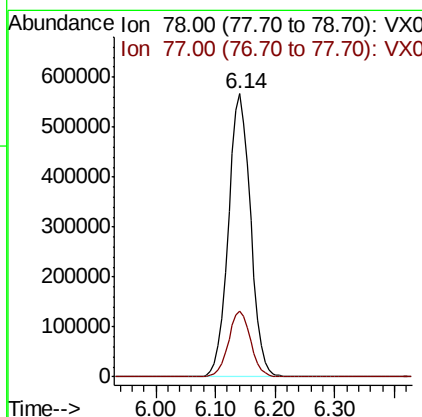
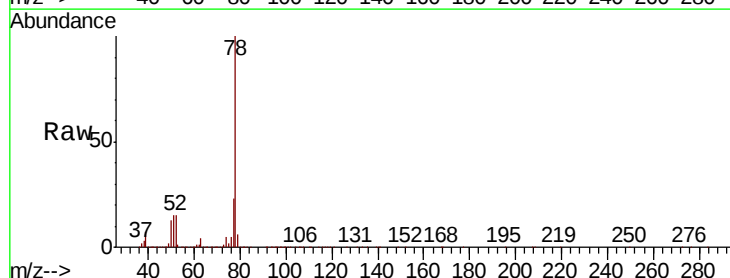
Manual Integrations
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#40
Benzene
Concen: 51.584 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





#41

Methacrylonitrile

Concen: 47.492 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

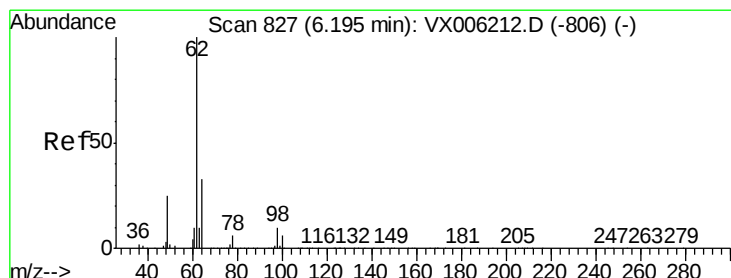
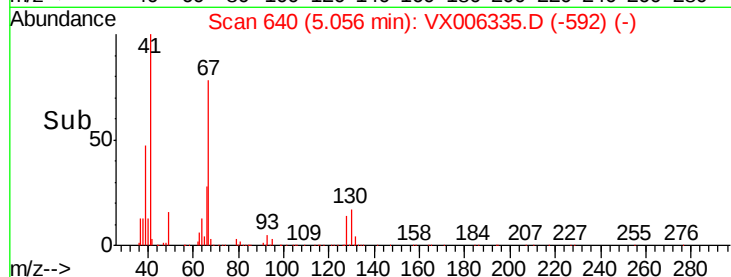
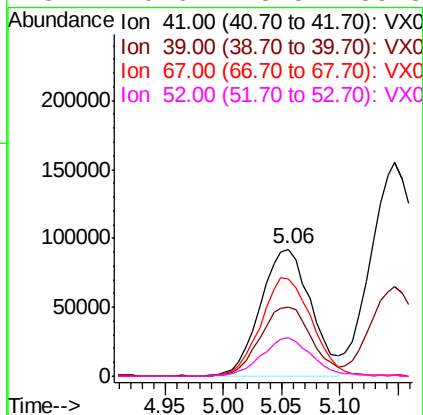
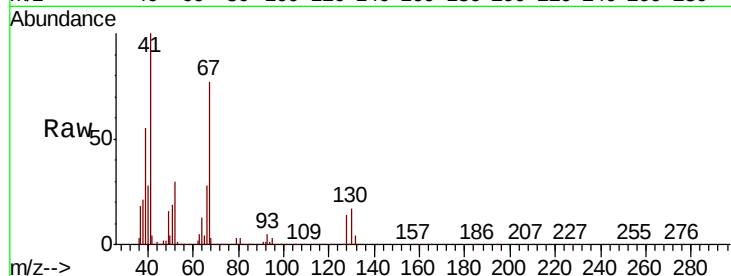
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	44.0	66.0	
67	77.9	61.4	92.0	
52	29.6	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.595 ug/l

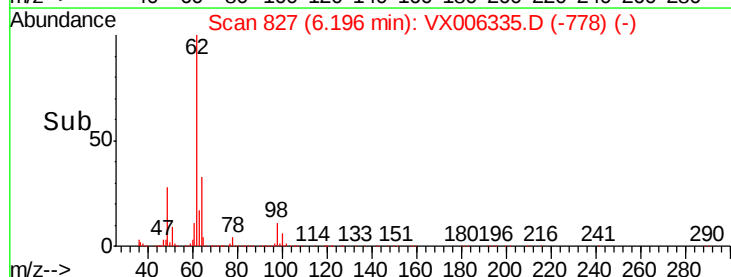
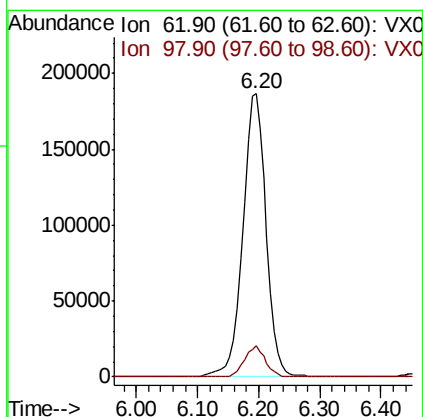
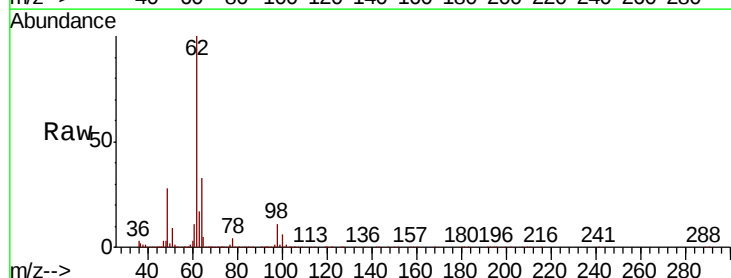
RT: 6.20 min Scan# 827

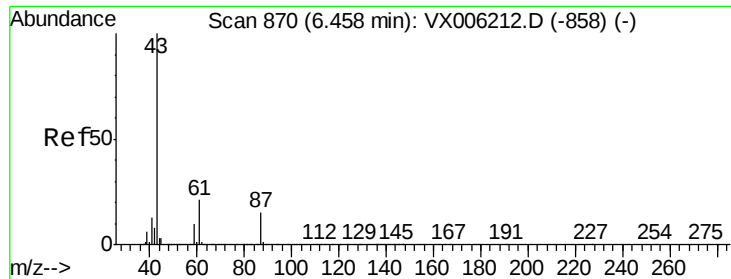
Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





#43

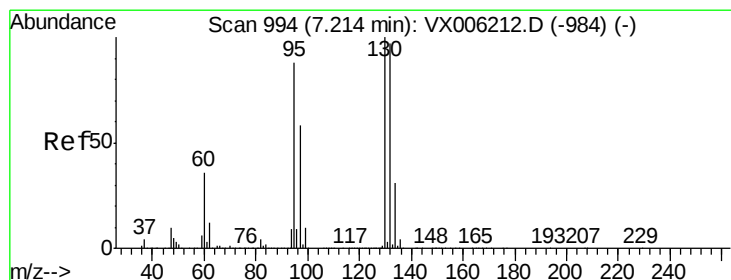
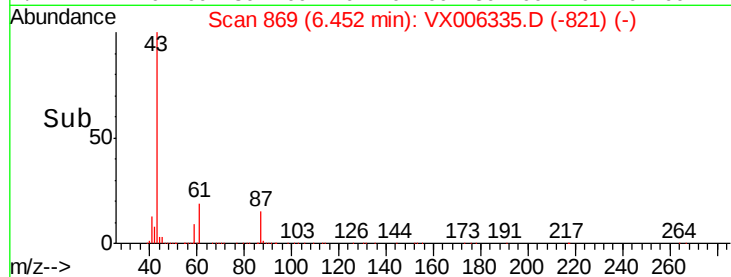
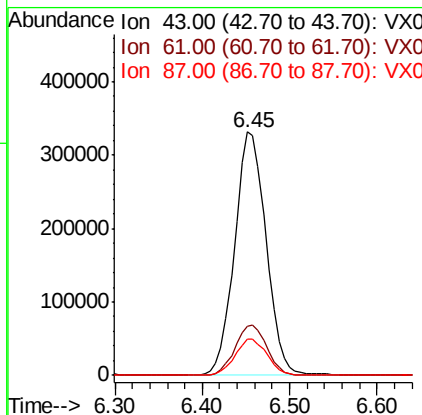
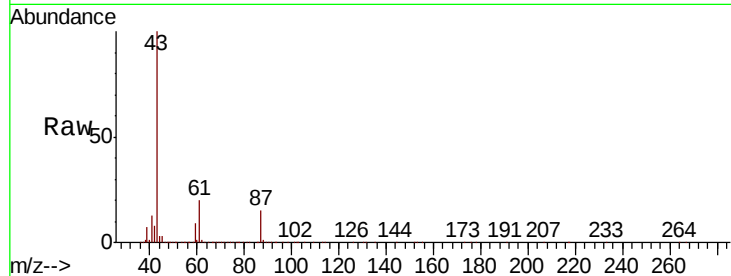
Isopropyl Acetate
 Concen: 46.931 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.4	11.9	17.9

Manual Integrations
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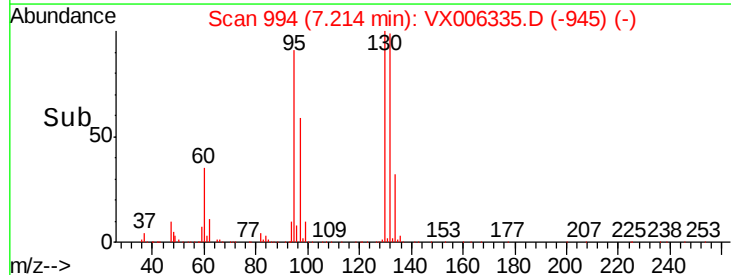
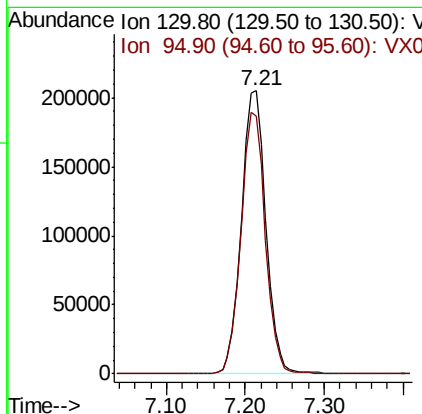
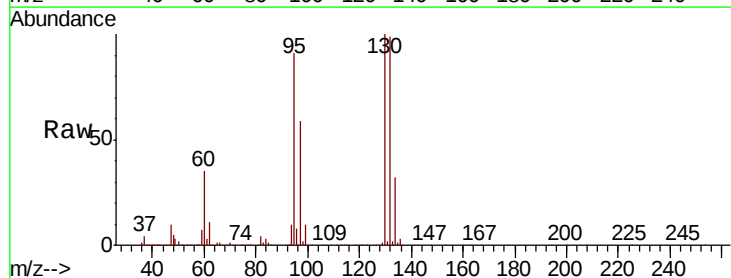
MMDadoda
 12/10/2018 9:57:21 AM



#44

Trichloroethene
 Concen: 51.772 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	175.8





#45

1,2-Dichloropropane

Concen: 50.863 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 366061

Ion Ratio Lower Upper

63 100

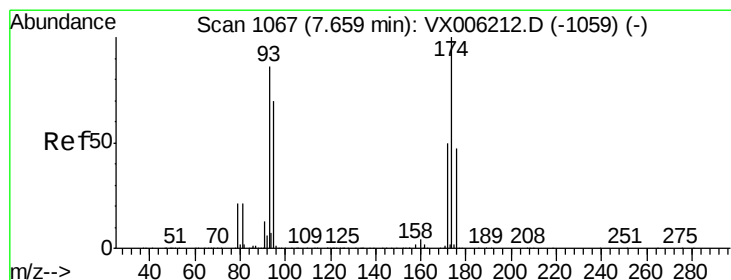
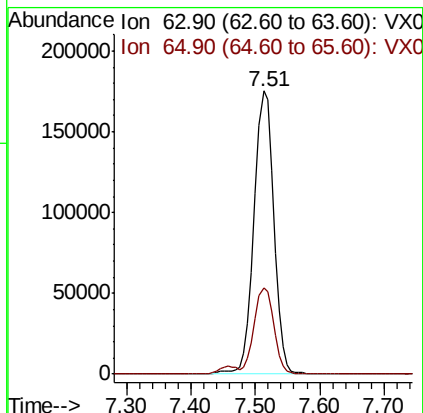
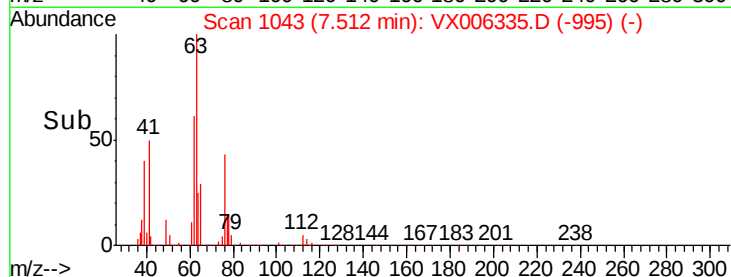
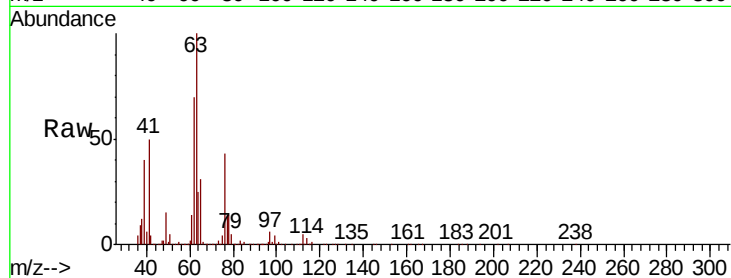
65 30.7 24.3 36.5

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#46

Dibromomethane

Concen: 51.370 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

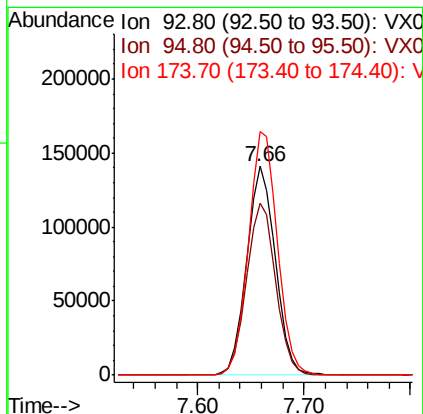
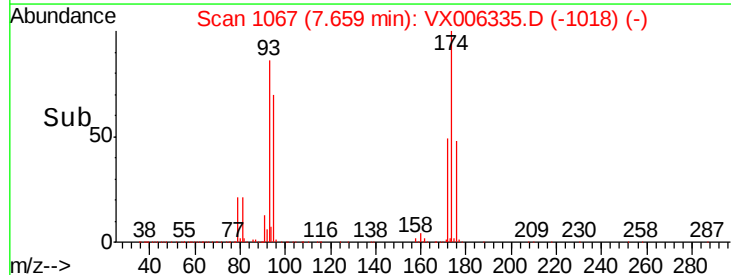
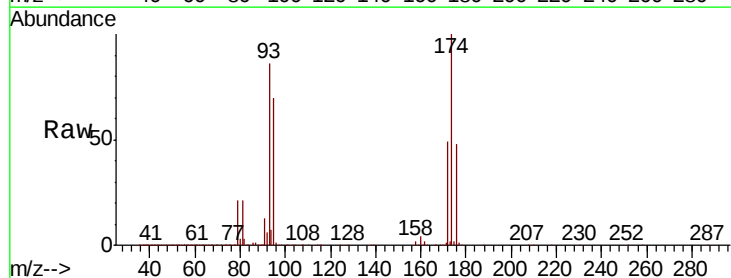
Tgt Ion: 93 Resp: 267013

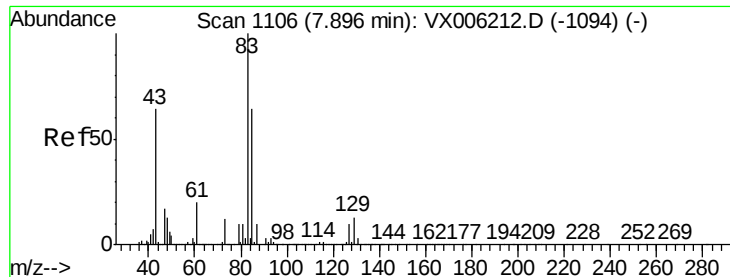
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 118.0 97.2 145.8





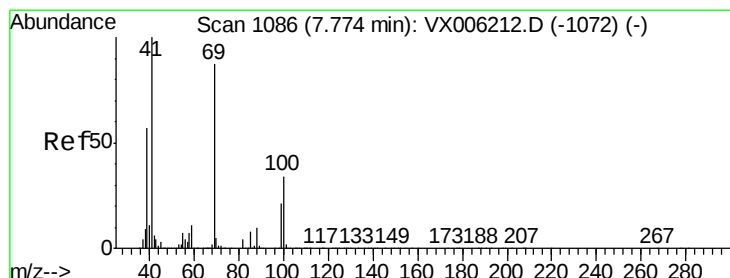
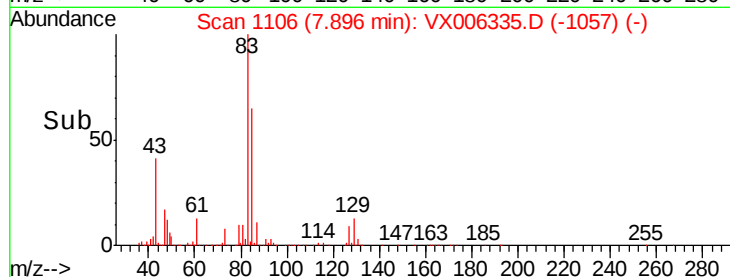
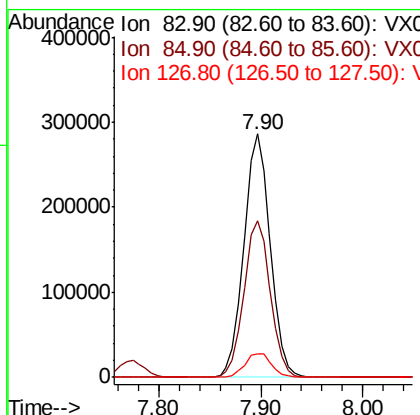
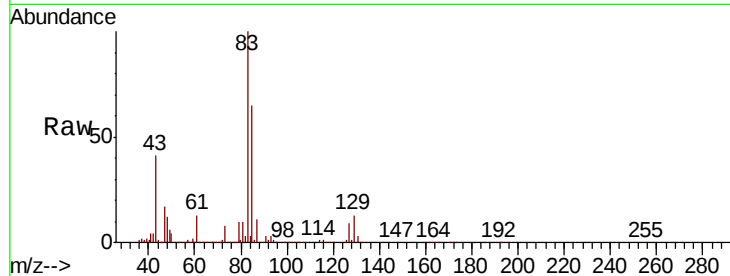
#47
Bromodichloromethane
Concen: 50.893 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	512277		
85	64.5		51.4	77.0
127	9.4		7.9	11.9

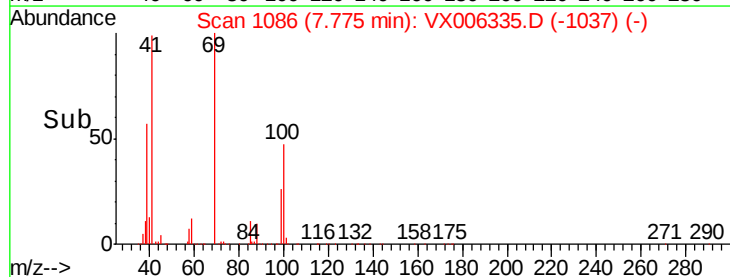
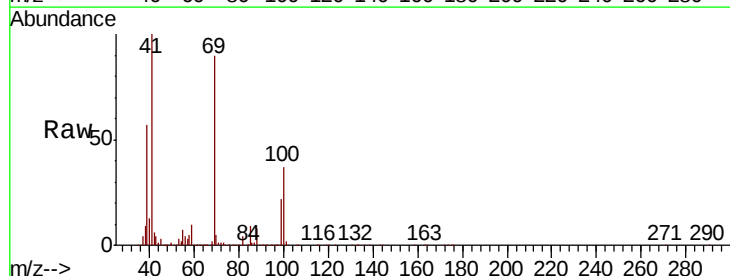
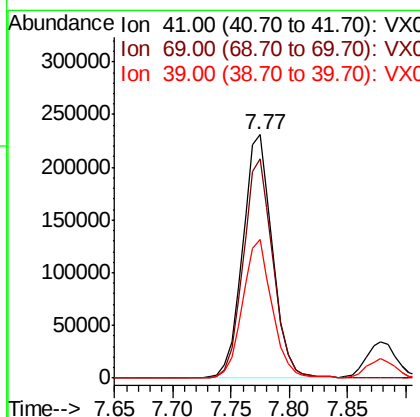
Manual Integrations
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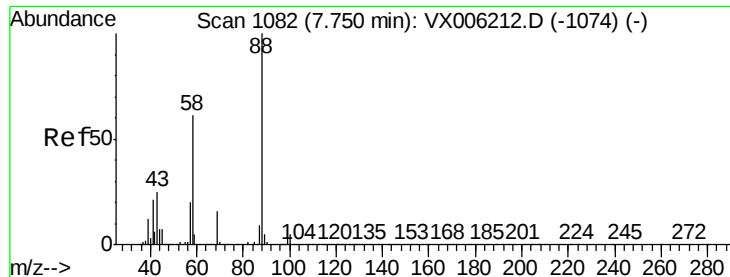
MMDadoda
12/10/2018 9:57:21 AM



#48
Methyl methacrylate
Concen: 47.742 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	410012		
69	89.7		70.3	105.5
39	56.3		45.3	67.9





#49

1,4-Dioxane

Concen: 971.864 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

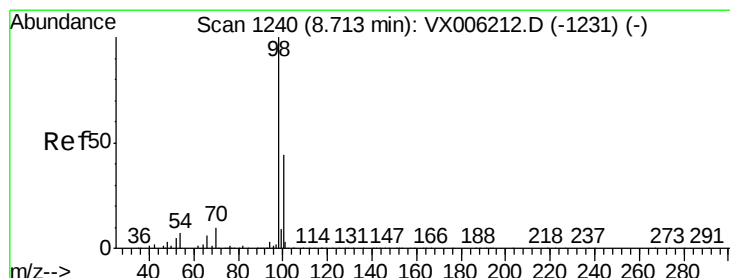
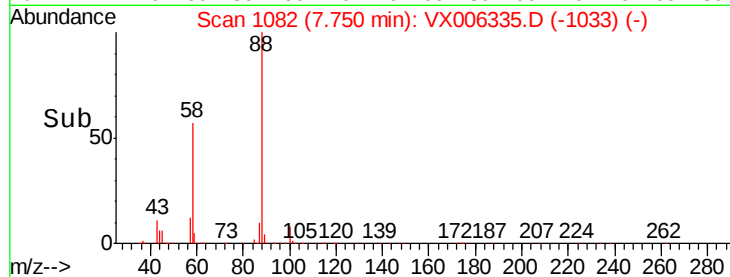
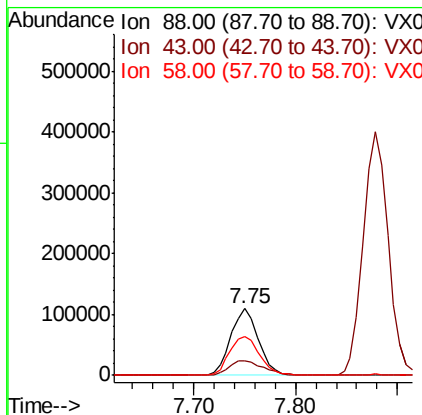
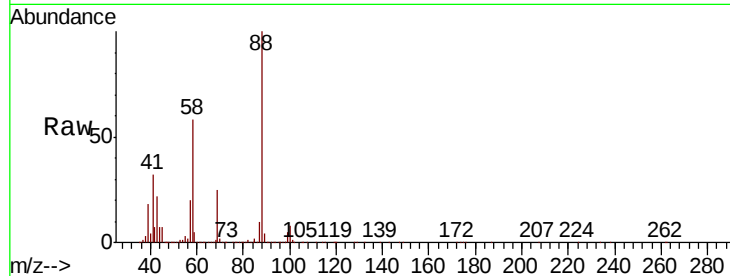
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	205712
Ion Ratio	Lower	Upper	
88	100		
43	27.6	23.2	34.8
58	63.6	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 50.229 ug/l

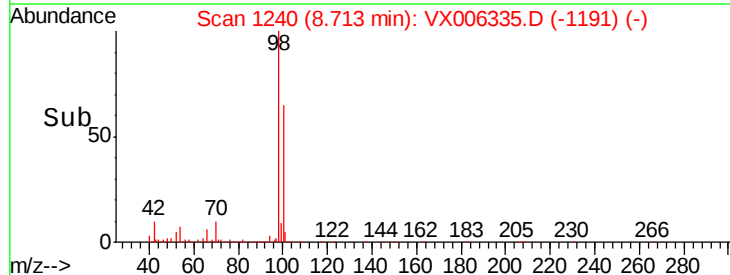
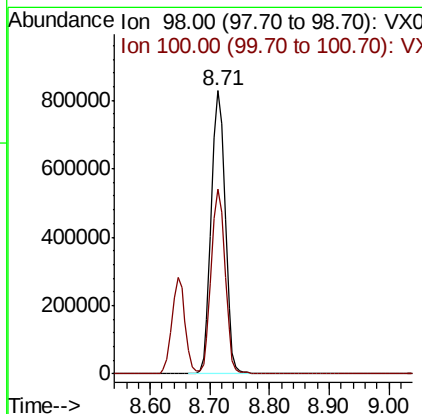
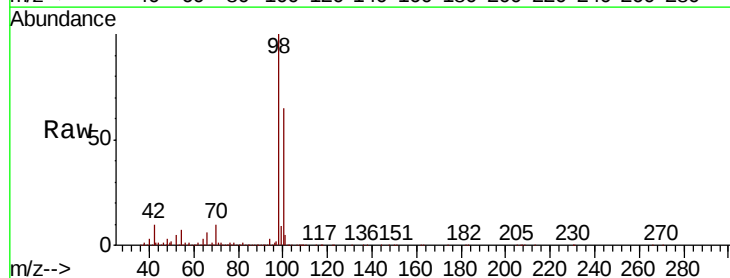
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion:	98	Resp:	1328156
Ion Ratio	Lower	Upper	
98	100		
100	64.8	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 241.435 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2481172

Ion Ratio Lower Upper

43 100

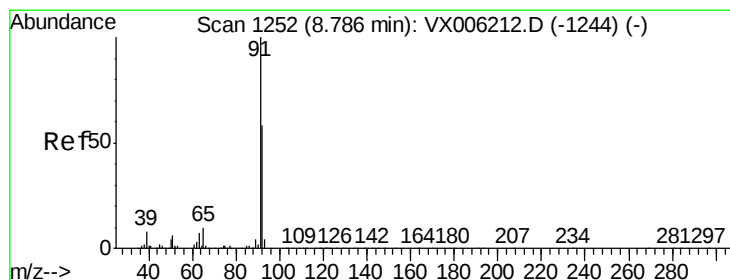
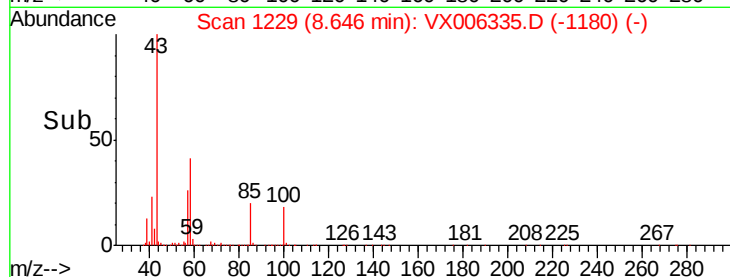
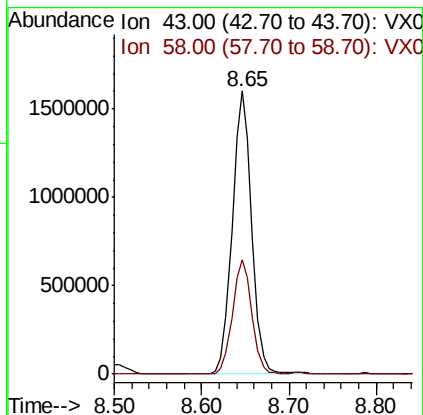
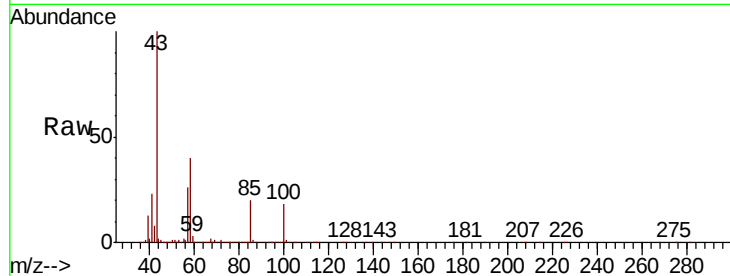
58 40.2 31.3 46.9

Manual Integrations

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#52

Toluene

Concen: 50.995 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006335.D

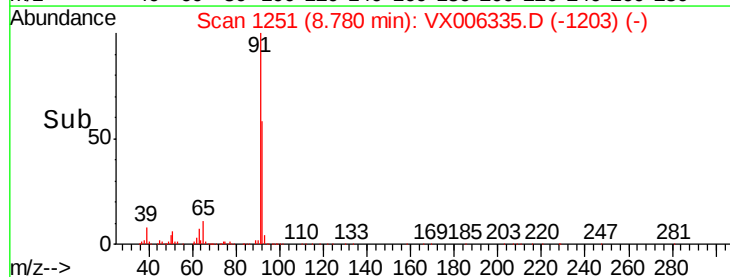
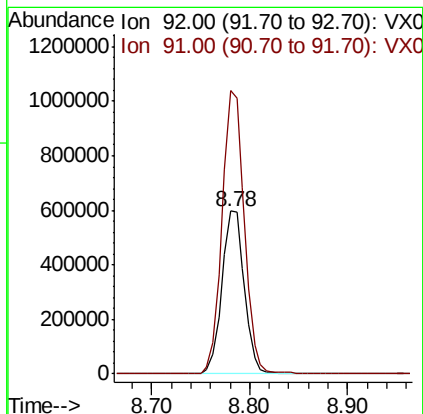
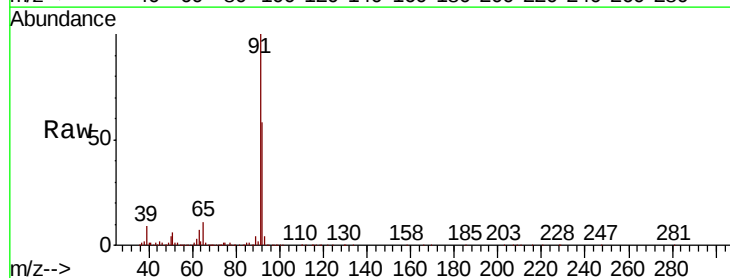
Acq: 07 Dec 2018 09:49

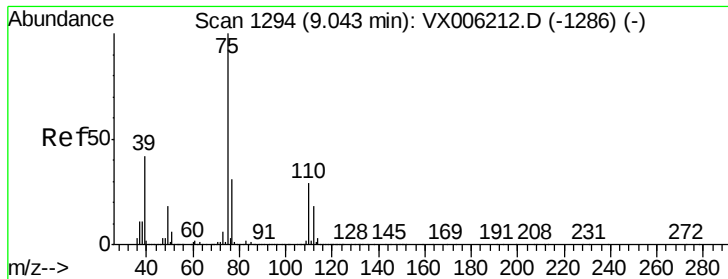
Tgt Ion: 92 Resp: 950035

Ion Ratio Lower Upper

92 100

91 173.2 139.2 208.8





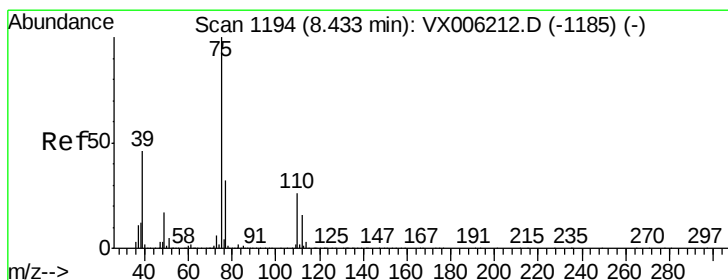
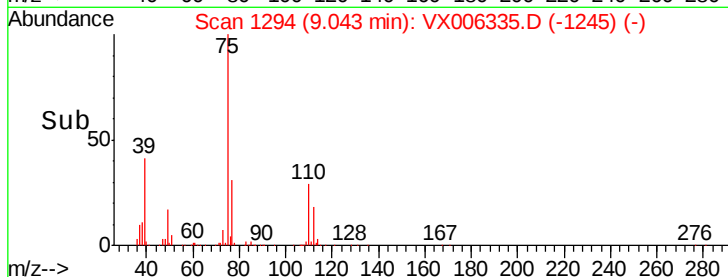
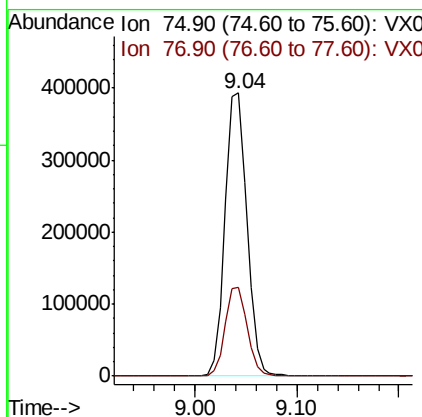
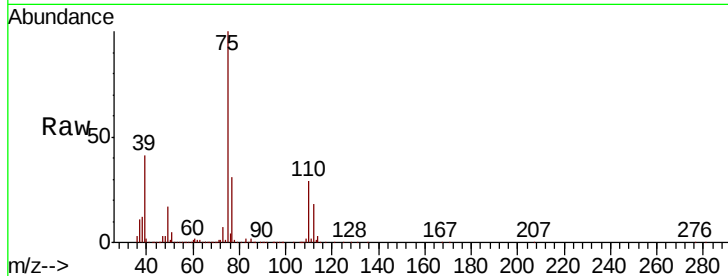
#53
t-1,3-Dichloropropene
Concen: 49.699 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4

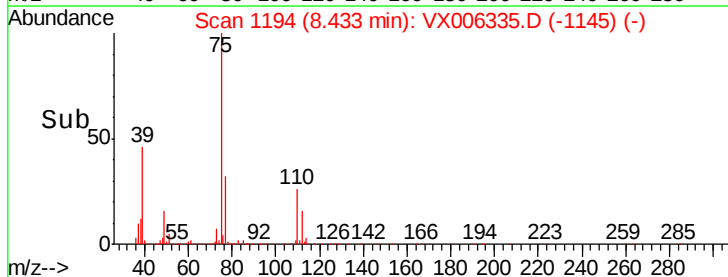
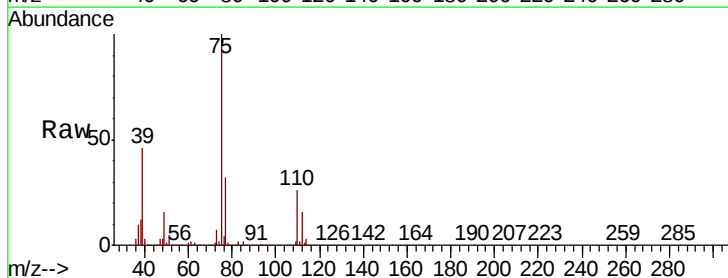
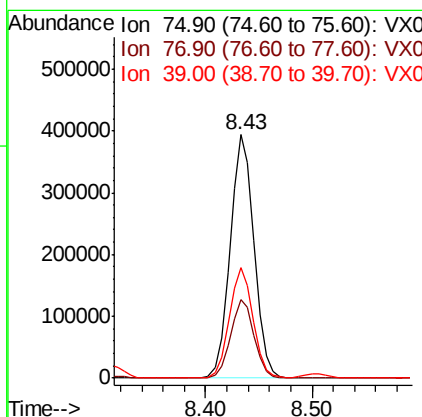
Manual Integrations
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12/10/2018 9:57:21 AM



#54
cis-1,3-Dichloropropene
Concen: 50.563 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.6	38.4
39	45.6	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 52.563 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

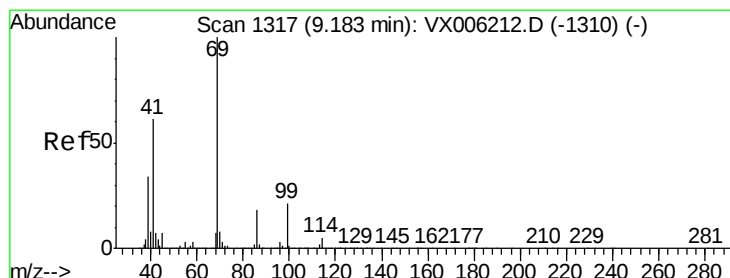
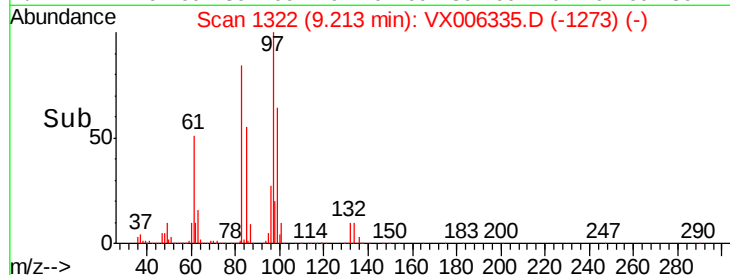
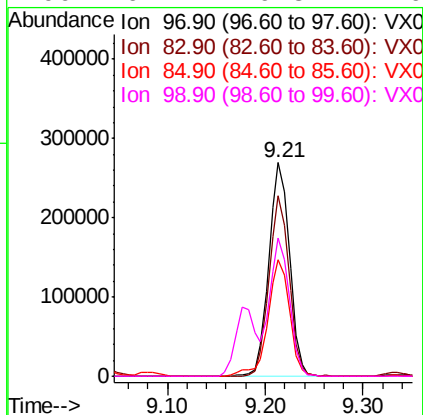
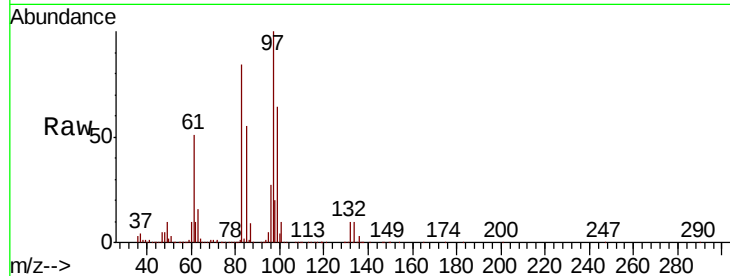
ClientSampleId :

VSTDCCC050

Tot Ion	97	Resp	397828
Ion Ratio	Lower	Upper	
97	100		
83	84.2	67.1	100.7
85	54.6	43.2	64.8
99	64.4	49.8	74.6

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#56

Ethyl methacrylate

Concen: 50.839 ug/l

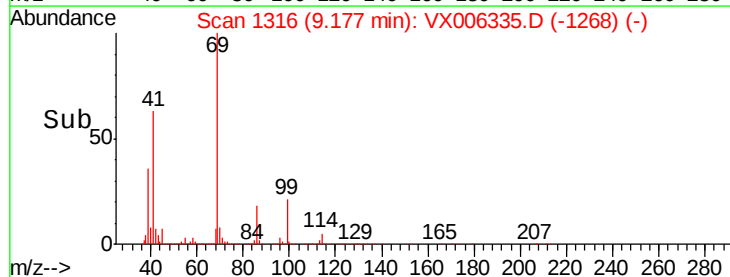
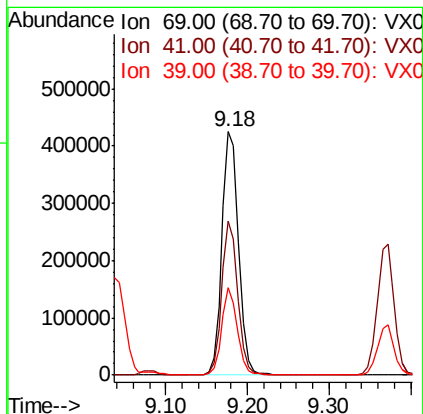
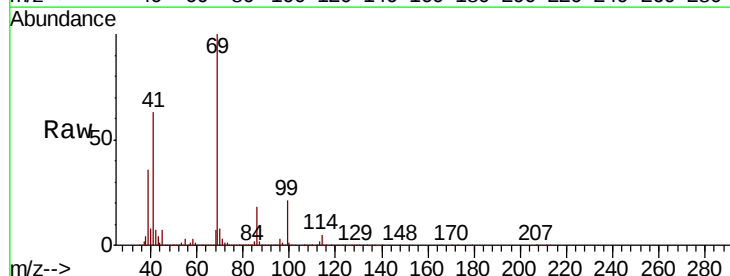
RT: 9.18 min Scan# 1316

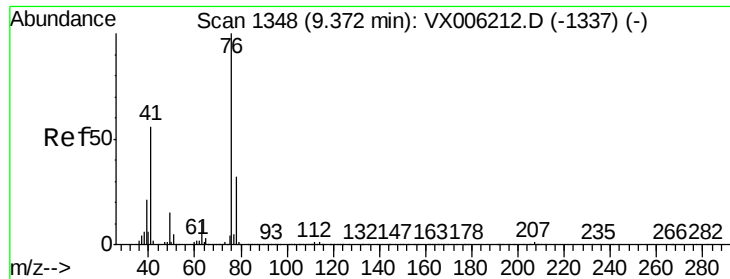
Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion	69	Resp	601539
Ion Ratio	Lower	Upper	
69	100		
41	61.2	50.6	76.0
39	33.6	27.6	41.4





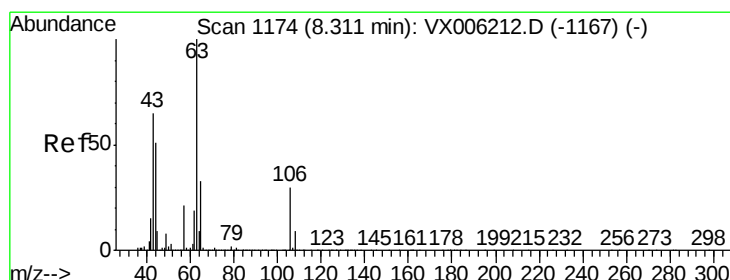
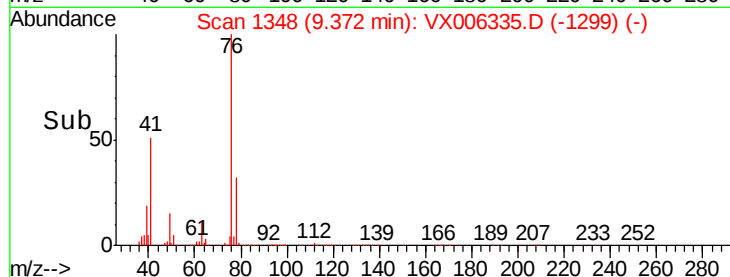
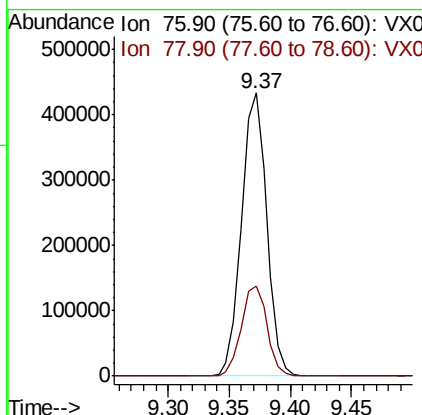
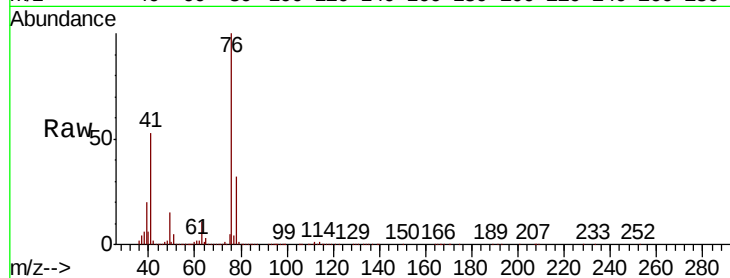
#57
 1,3-Dichloropropane
 Concen: 51.781 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

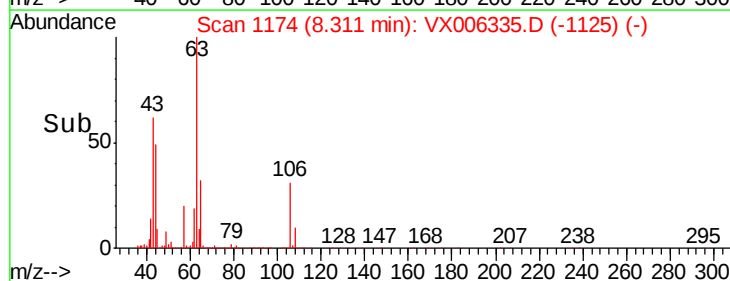
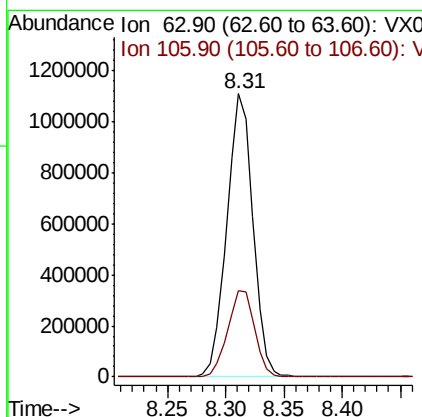
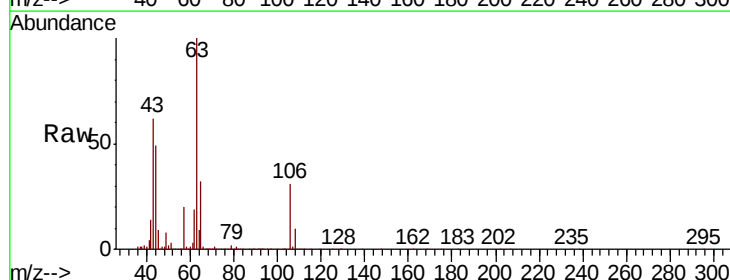
Manual Integrations
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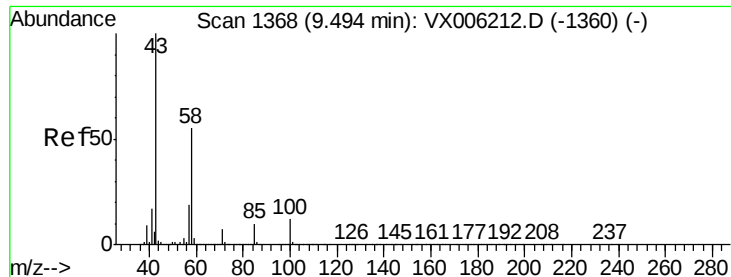
MMDadoda
 12/10/2018 9:57:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.561 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	24.9	37.3





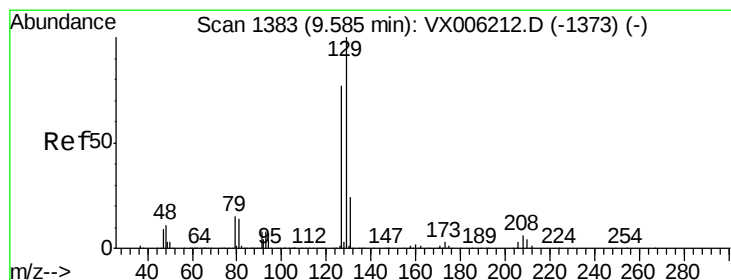
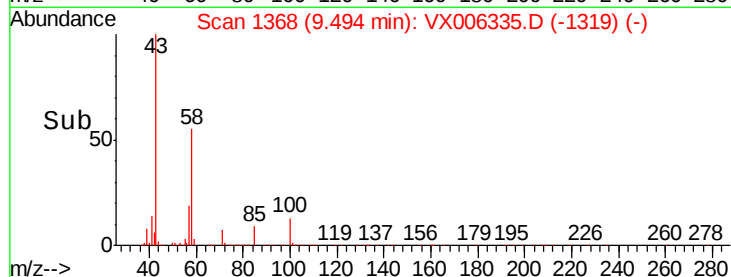
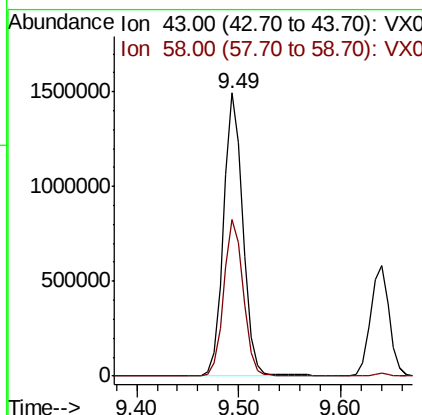
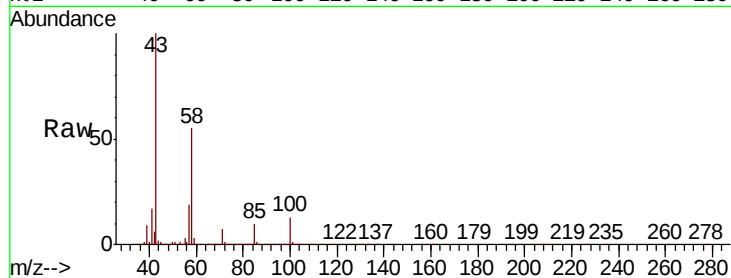
#59
2-Hexanone
Concen: 251.223 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1972477
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1

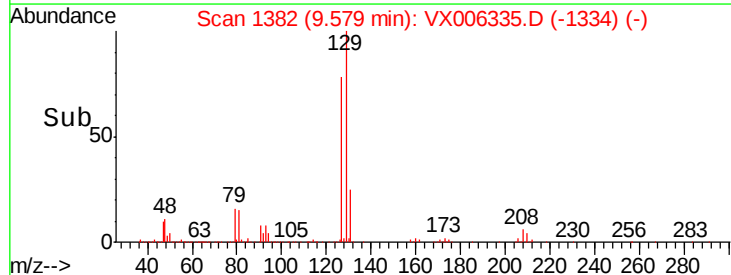
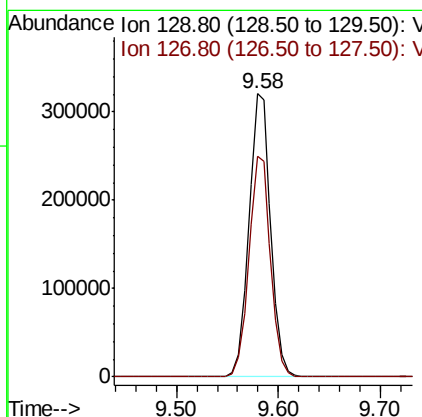
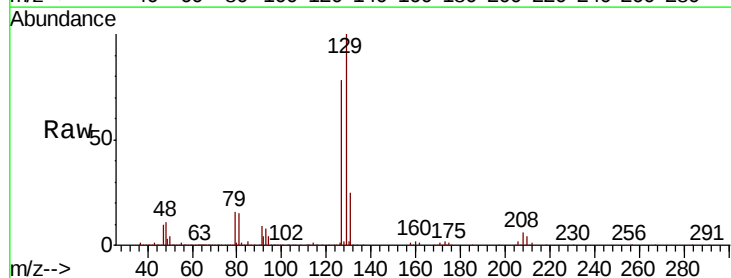
Manual Integrations
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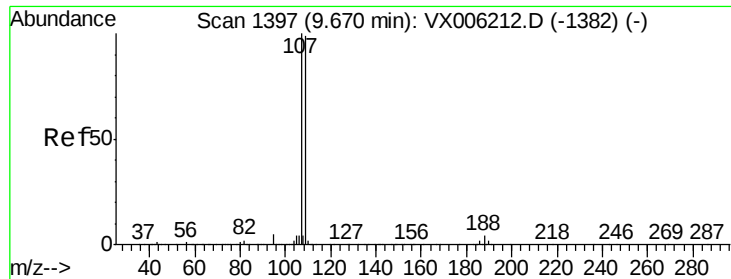
MMDadoda
12/10/2018 9:57:21 AM



#60
Dibromochloromethane
Concen: 50.774 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 129 Resp: 473864
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.010 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 431690

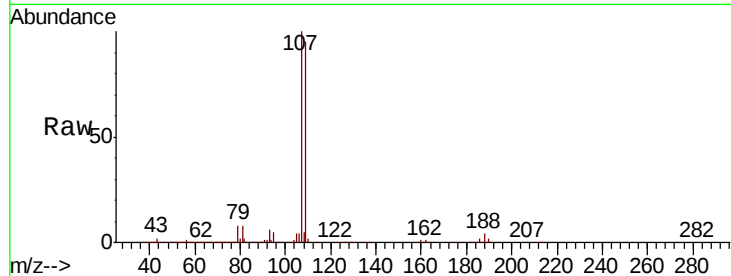
Ion Ratio Lower Upper

107 100

109 94.8 76.3 114.5

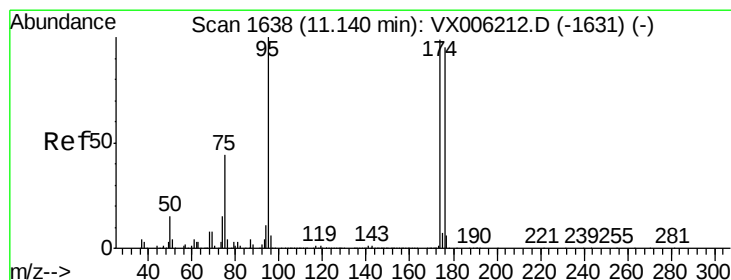
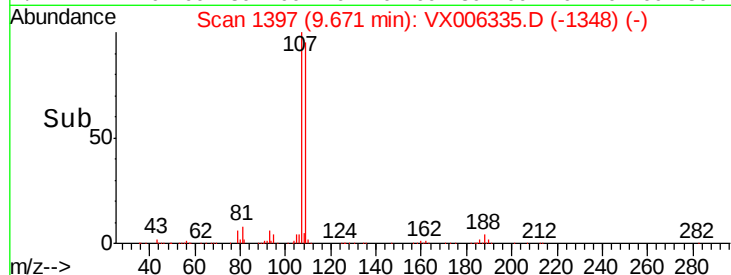
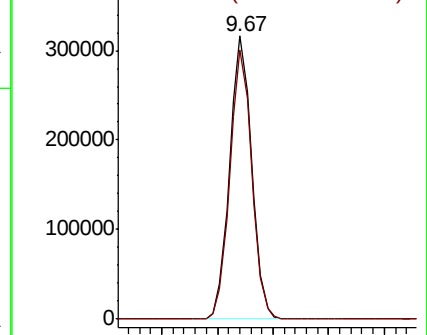
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.215 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

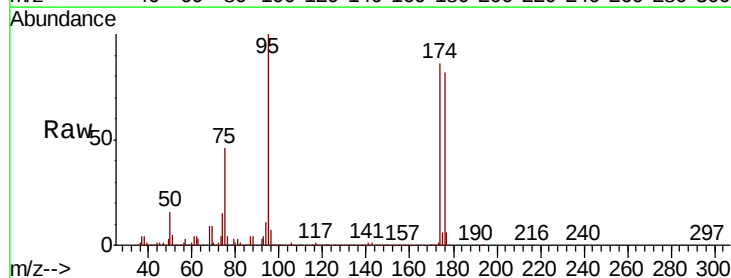
Tgt Ion: 95 Resp: 520270

Ion Ratio Lower Upper

95 100

174 93.1 0.0 187.0

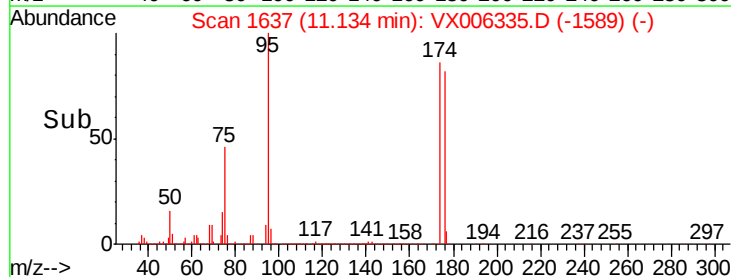
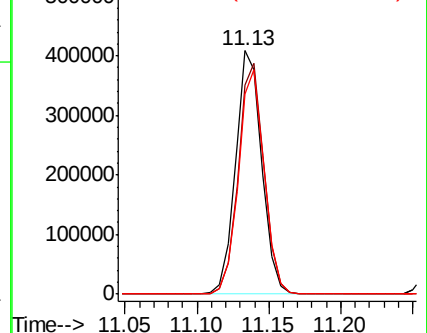
176 90.6 0.0 181.8

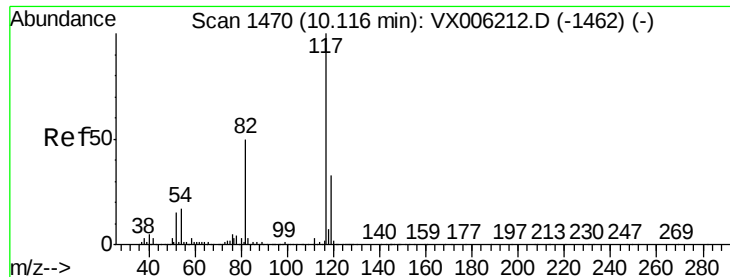


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





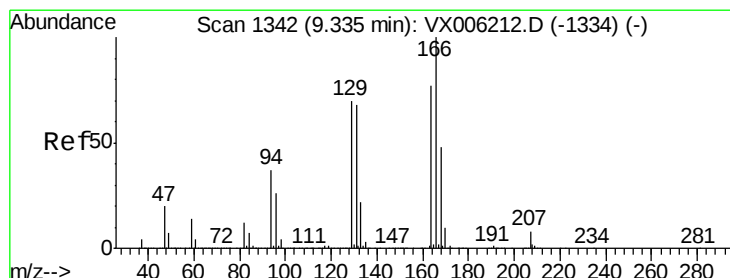
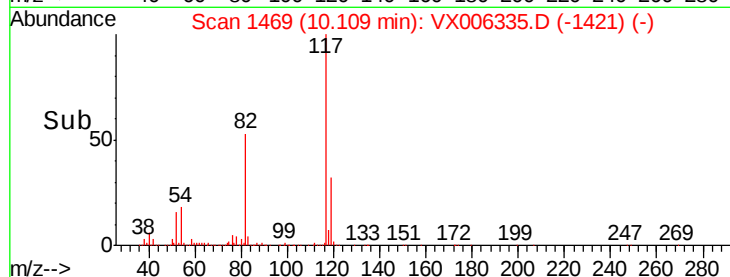
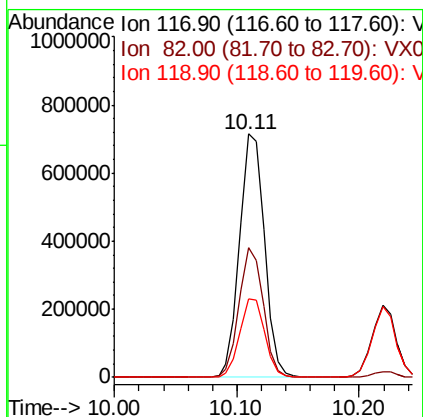
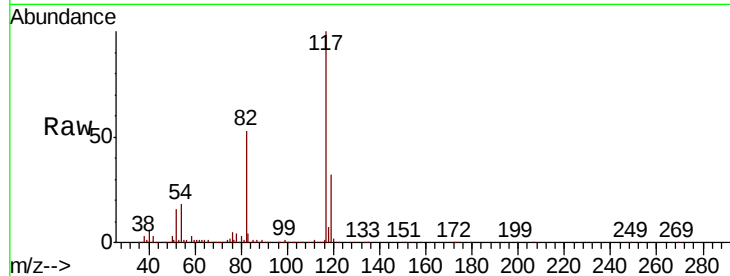
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	39.6	59.4
119	32.5	26.3	39.5

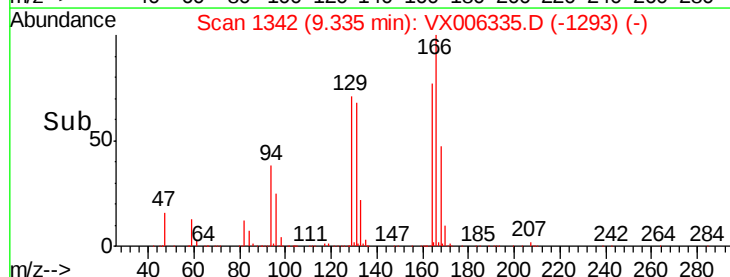
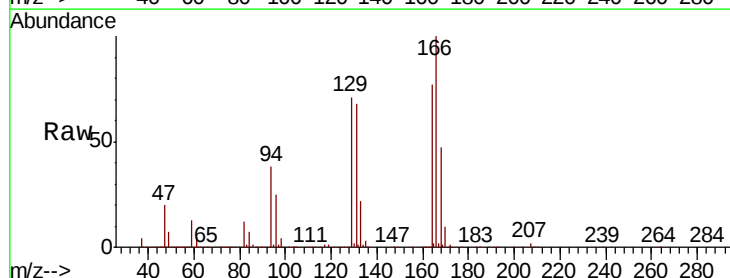
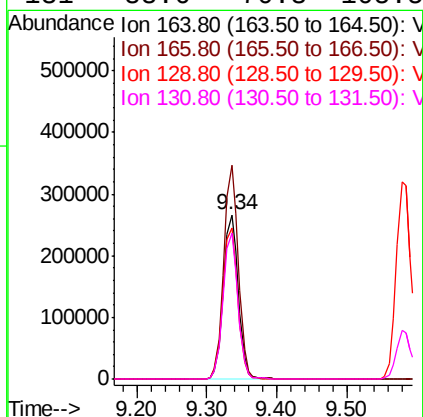
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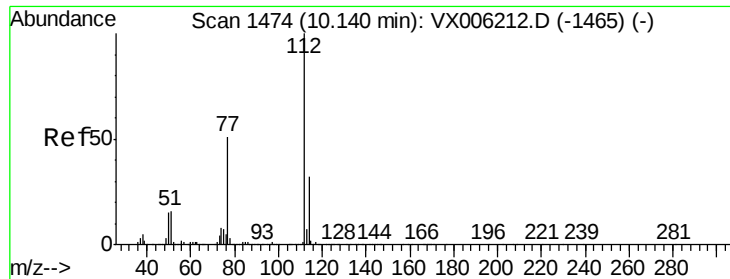
MMDadoda
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#64
Tetrachloroethene
Concen: 51.994 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	104.2	156.2
129	92.0	72.6	108.8
131	88.6	70.3	105.5





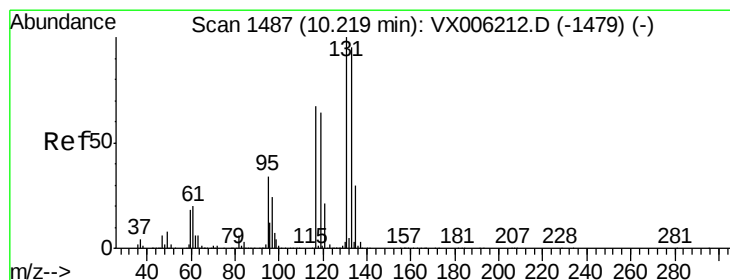
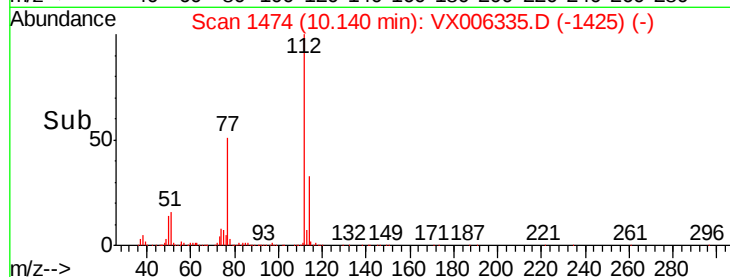
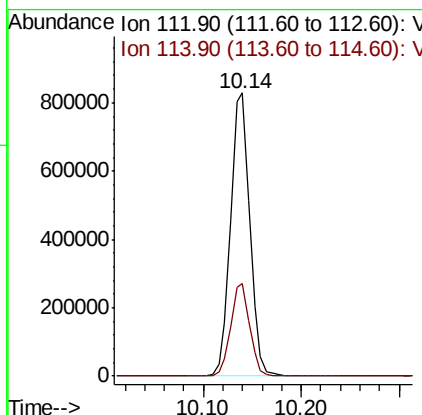
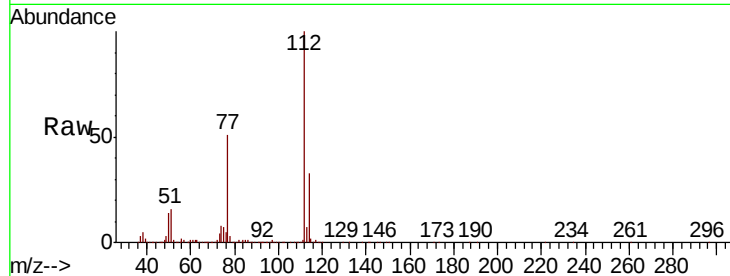
#65
Chlorobenzene
Concen: 52.732 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1131984
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

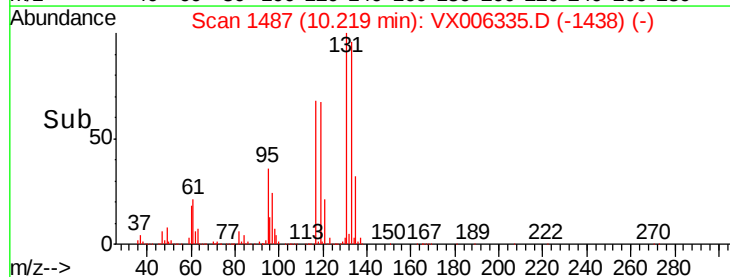
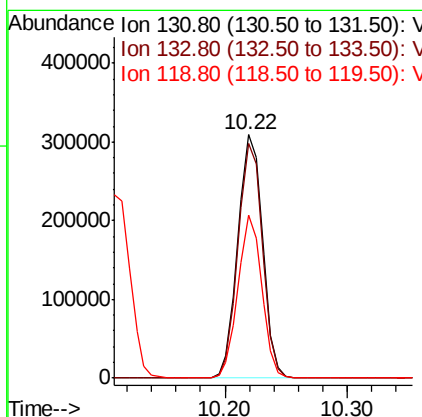
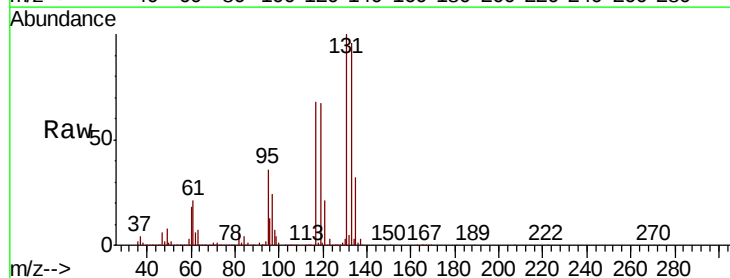
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.805 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:131 Resp: 432084
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 64.4 32.1 96.3





#67

Ethyl Benzene

Concen: 51.786 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1848939

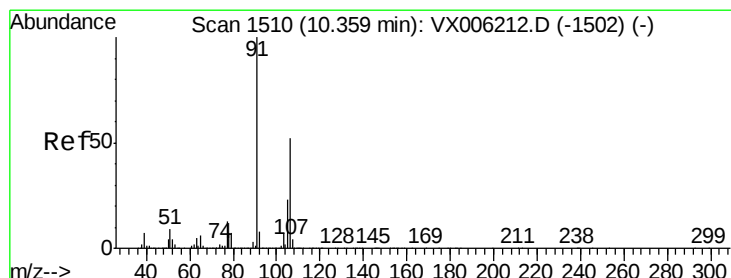
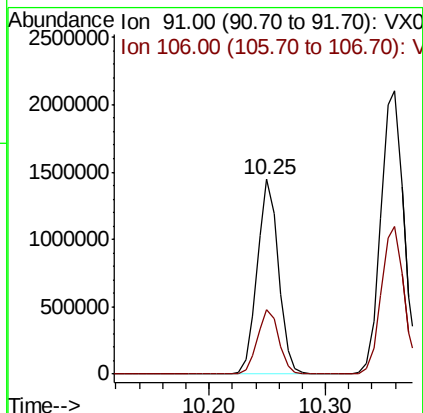
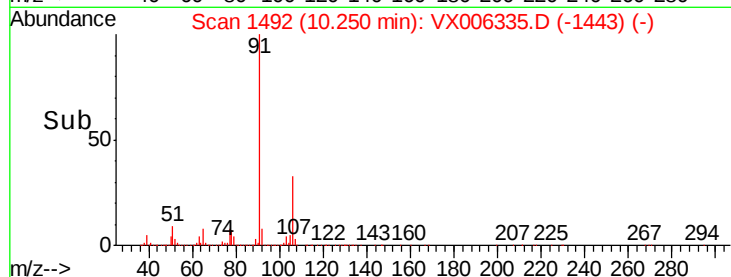
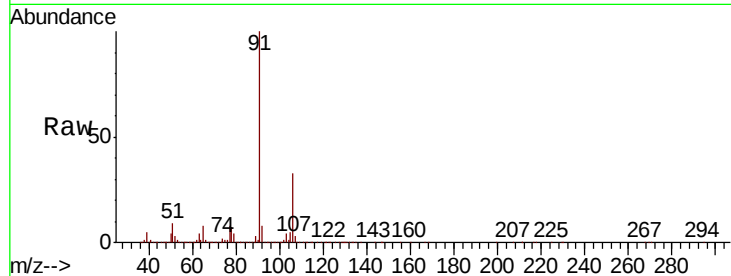
Ion Ratio Lower Upper

91 100

106 33.5 26.5 39.7

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#68

m/p-Xylenes

Concen: 104.283 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006335.D

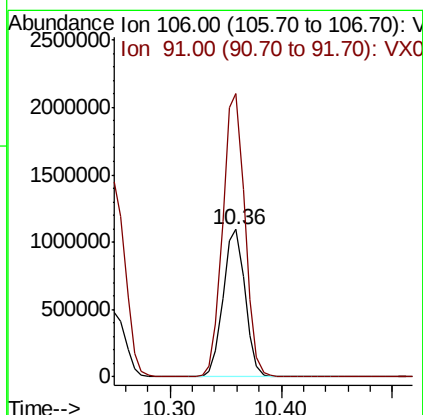
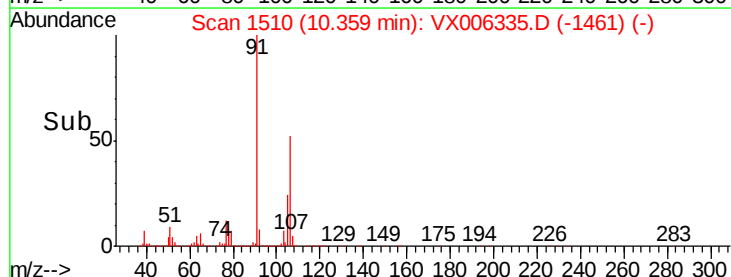
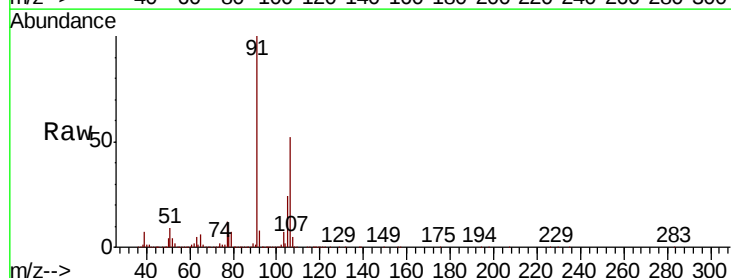
Acq: 07 Dec 2018 09:49

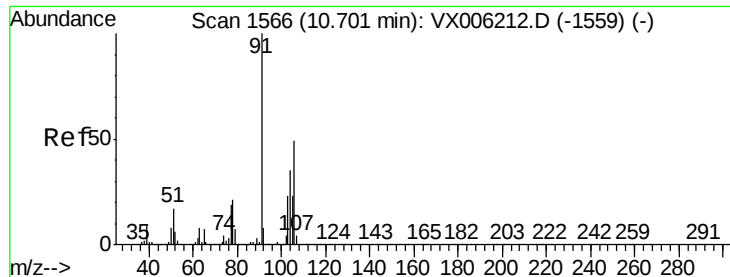
Tgt Ion: 106 Resp: 1491444

Ion Ratio Lower Upper

106 100

91 194.1 155.2 232.8





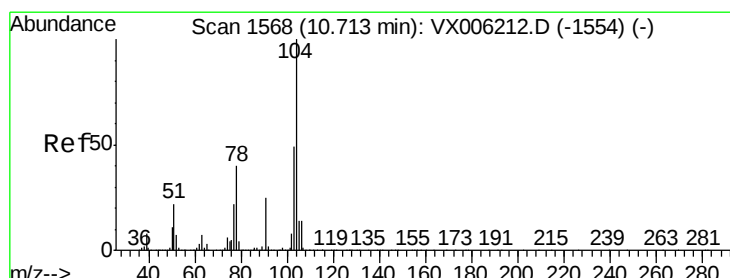
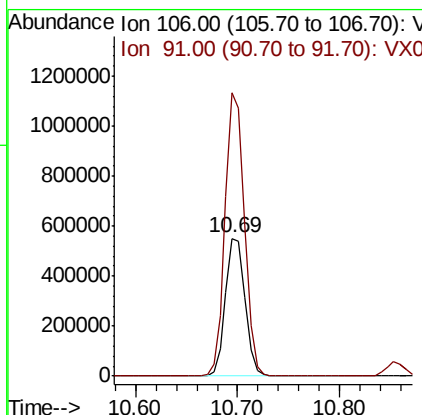
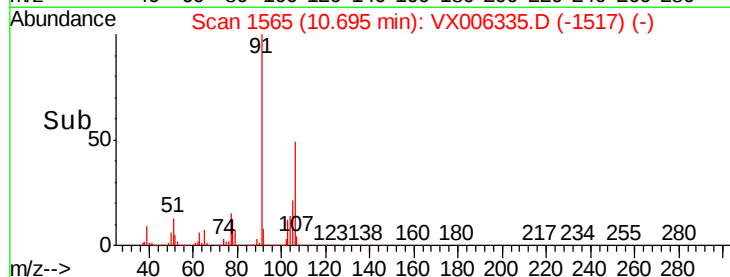
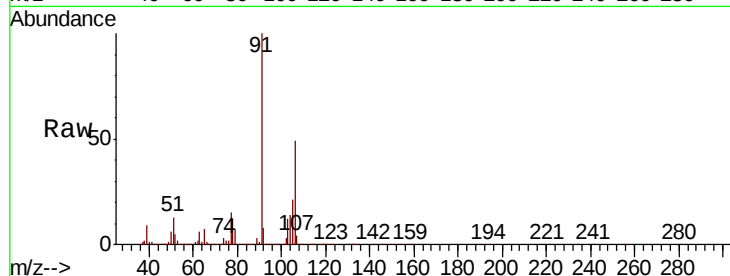
#69
o-Xylene
Concen: 52.168 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 736965
Ion Ratio Lower Upper
106 100
91 202.6 101.8 305.6

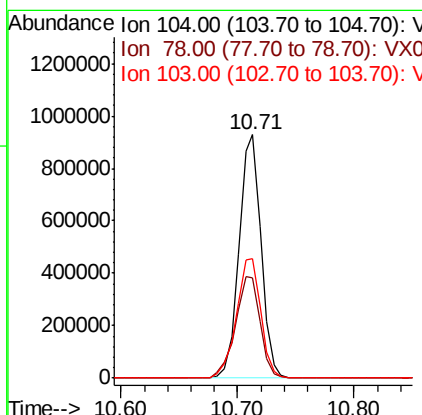
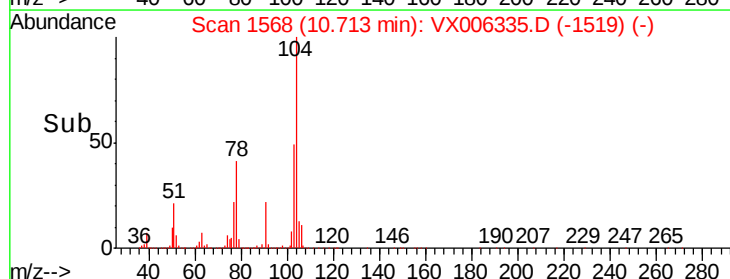
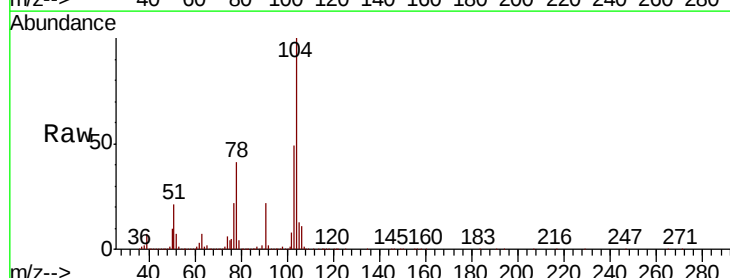
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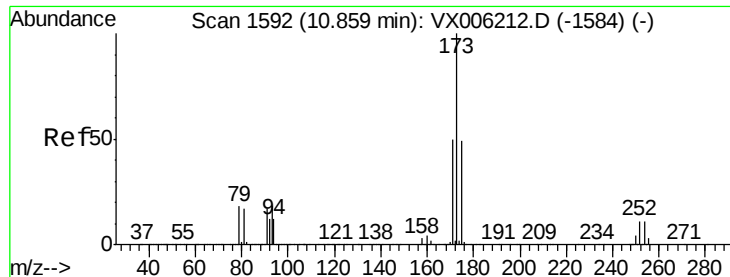
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#70
Styrene
Concen: 53.503 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:104 Resp: 1222460
Ion Ratio Lower Upper
104 100
78 47.1 37.2 55.8
103 54.6 43.5 65.3





#71

Bromoform

Concen: 49.534 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

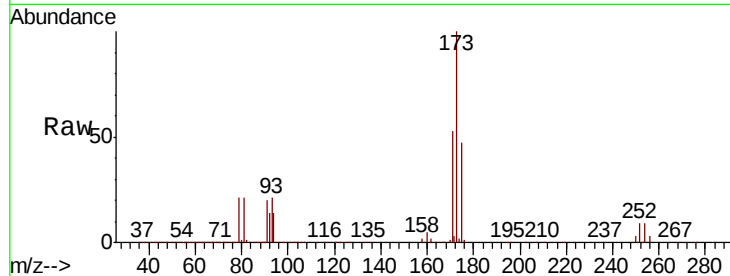
ClientSampleId :

VSTDCCC050

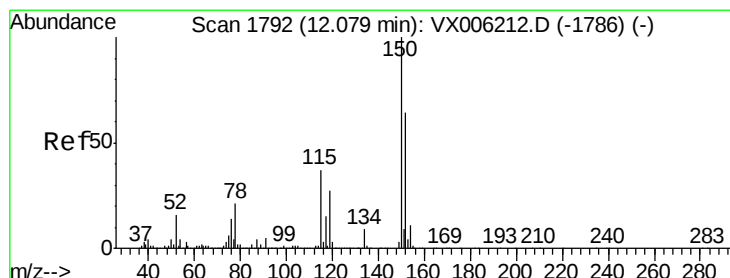
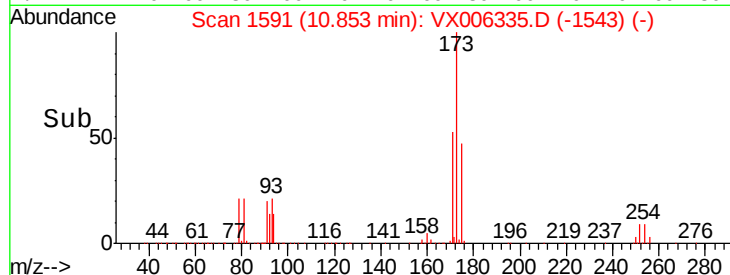
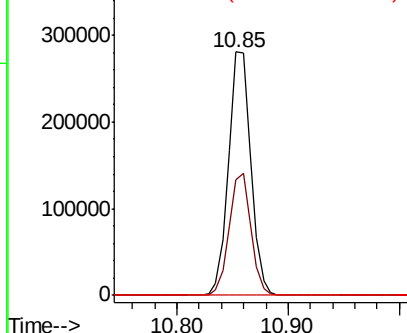
Tot Ion:	173	Resp:	390003
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.6	73.8
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

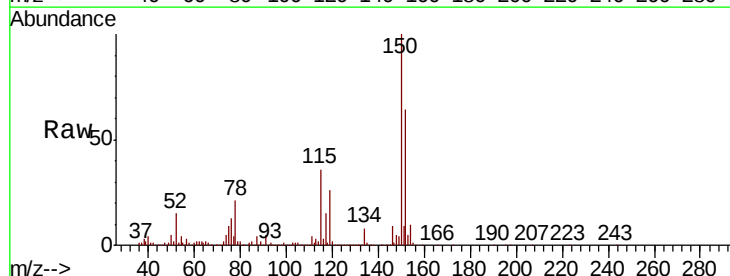
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

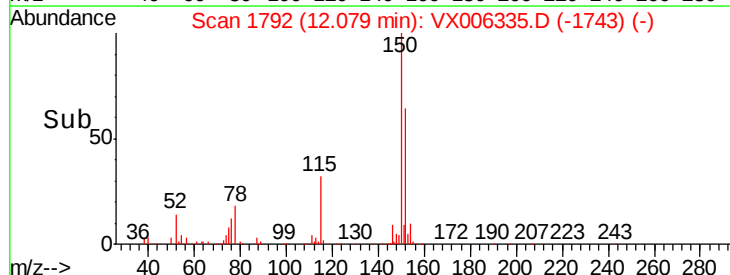
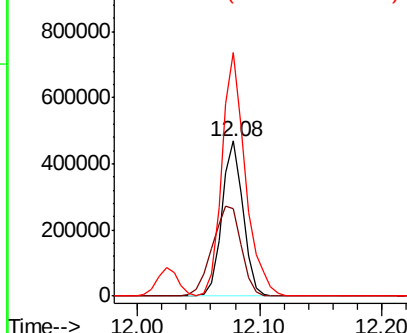
Lab File: VX006335.D

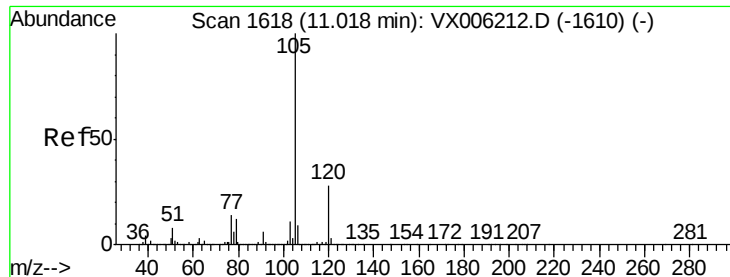
Acq: 07 Dec 2018 09:49

Tgt Ion:	152	Resp:	558321
Ion Ratio	Lower	Upper	
152	100		
115	79.6	39.0	116.9
150	173.9	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.862 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1961074

Ion Ratio Lower Upper

105 100

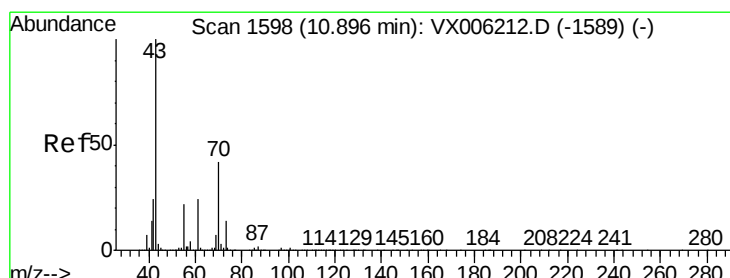
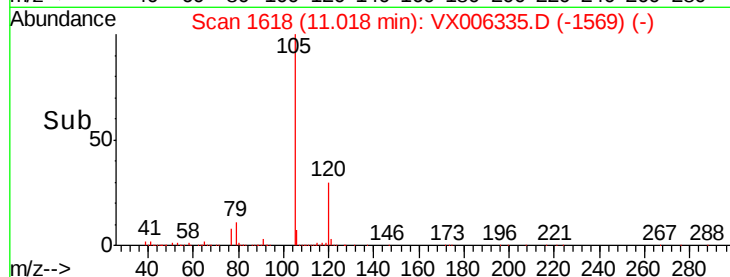
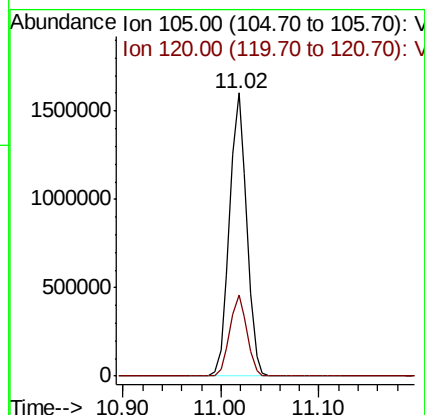
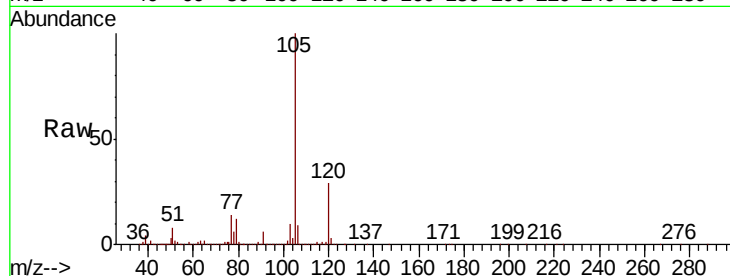
120 28.5 14.1 42.3

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#74

N-ethyl acetate

Concen: 45.934 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion: 43 Resp: 762656

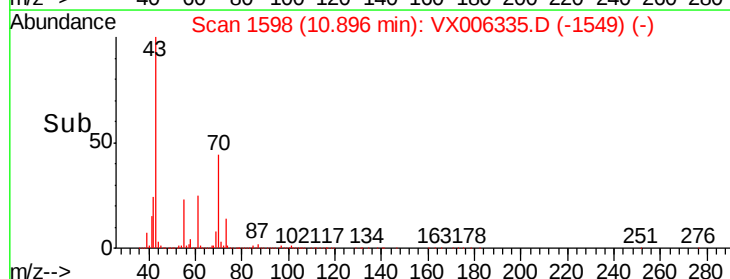
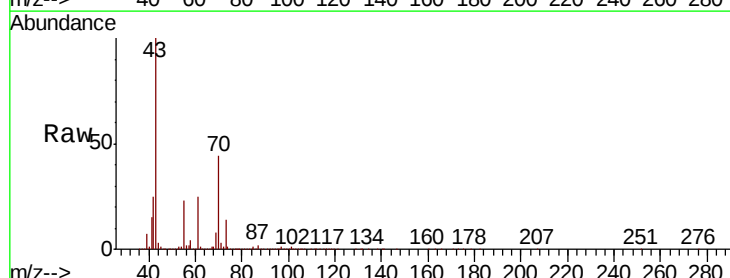
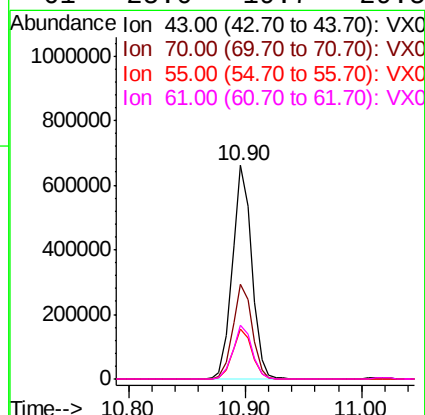
Ion Ratio Lower Upper

43 100

70 44.4 34.1 51.1

55 23.3 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.214 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 594729

Ion Ratio Lower Upper

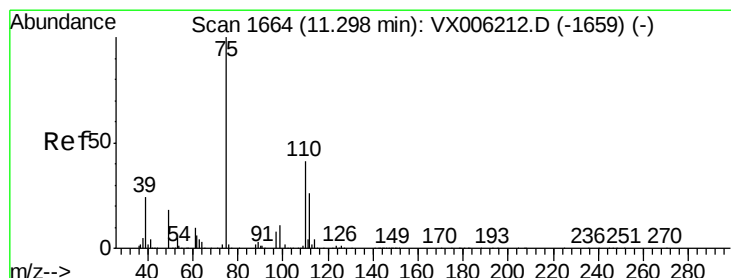
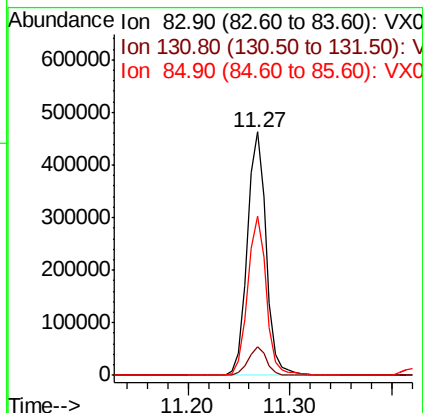
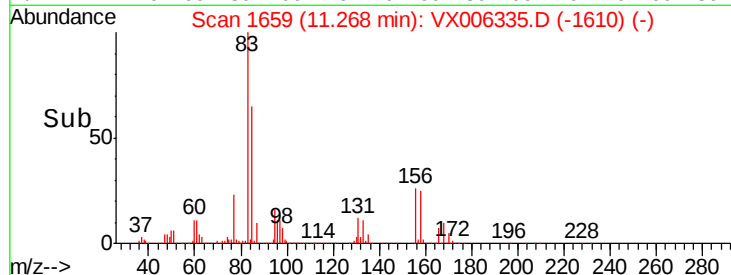
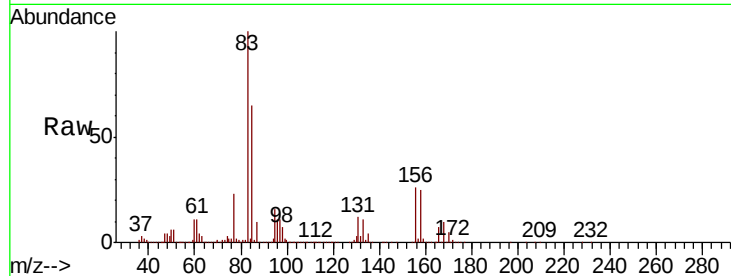
83 100

131 11.5 5.7 17.1

85 64.8 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 44.572 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006335.D

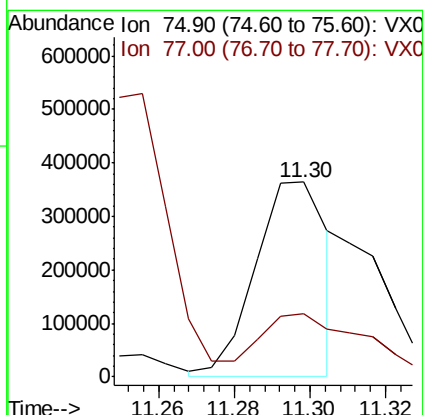
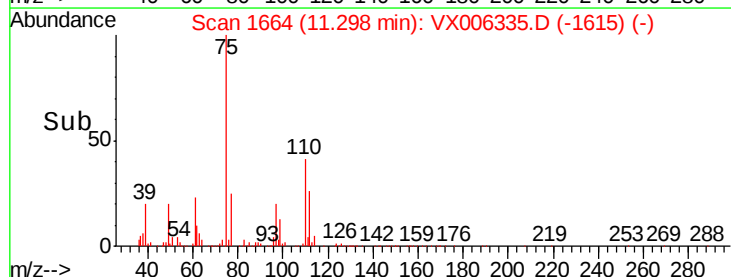
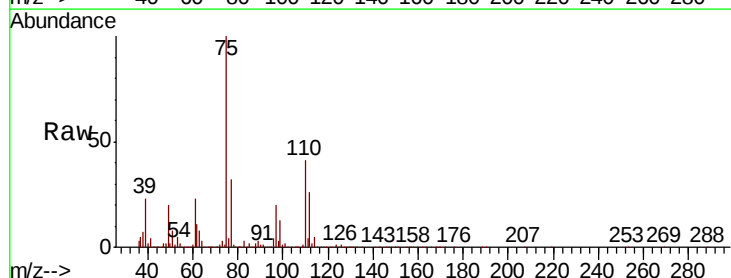
Acq: 07 Dec 2018 09:49

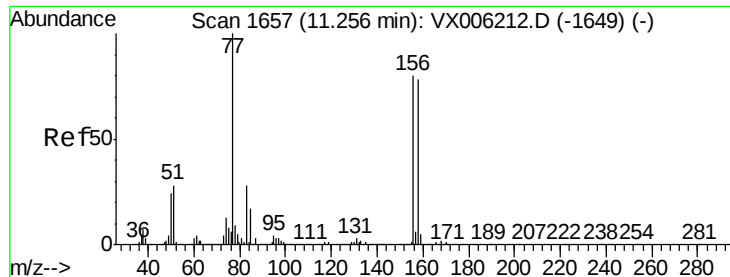
Tgt Ion: 75 Resp: 480328

Ion Ratio Lower Upper

75 100

77 46.2 19.9 59.7





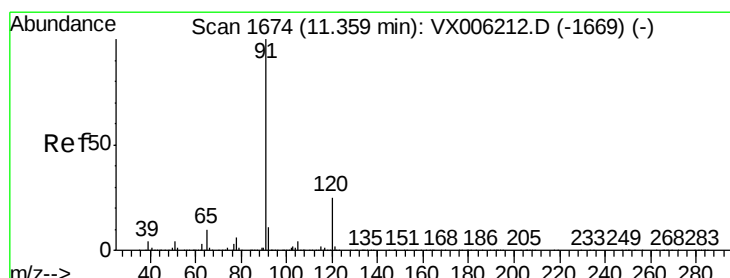
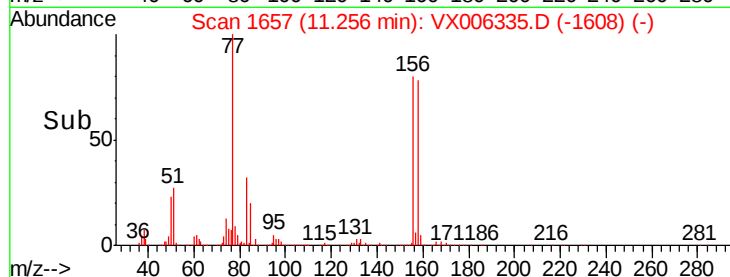
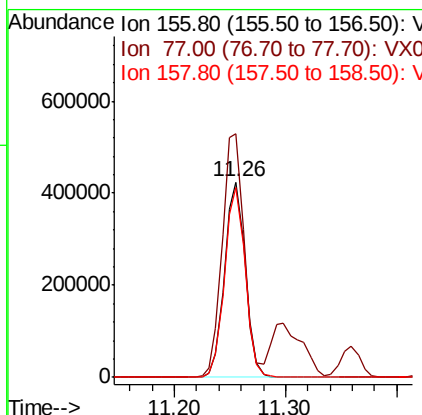
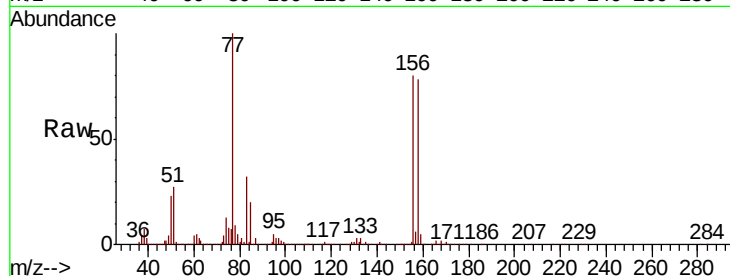
#77
Bromobenzene
Concen: 51.162 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.1	66.2	198.6
158	96.6	48.8	146.4

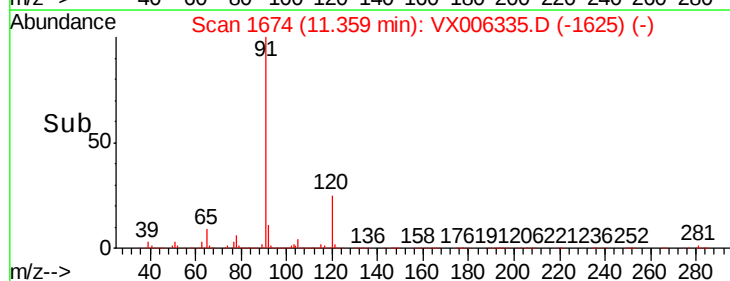
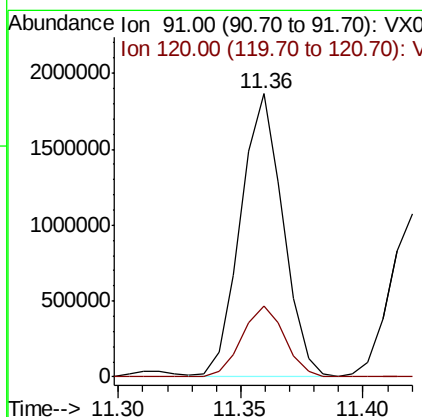
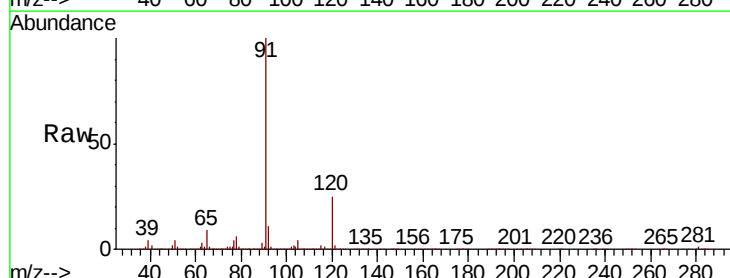
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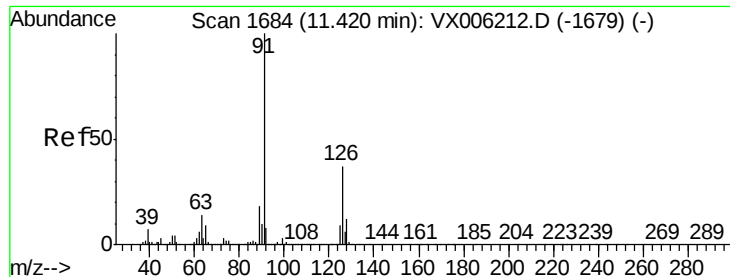
MMDadoda
12/10/2018 9:57:21 AM



#78
n-propylbenzene
Concen: 52.010 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 51.190 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1304027

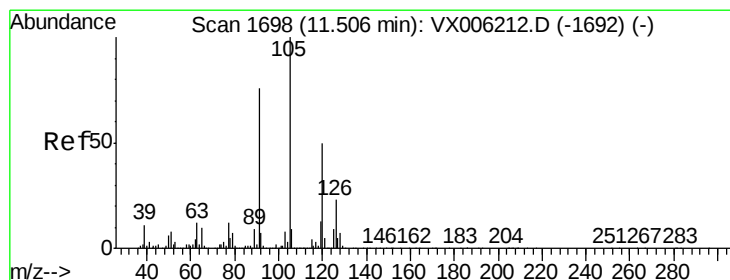
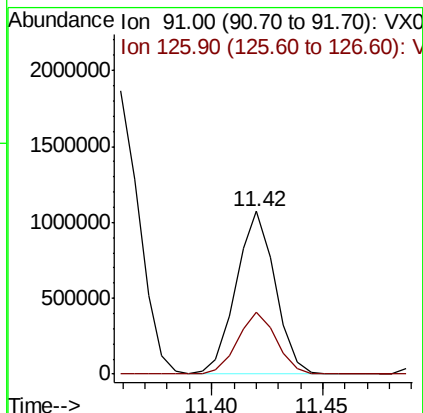
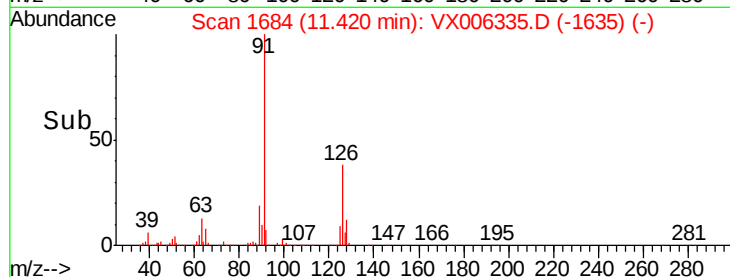
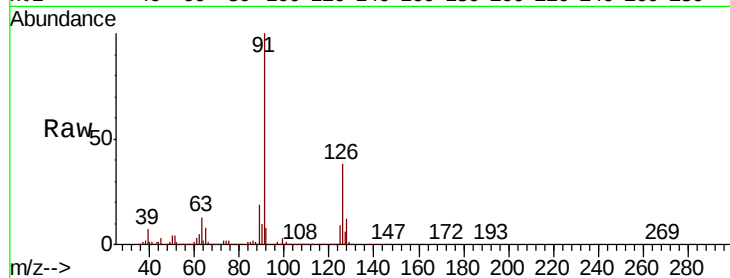
Ion Ratio Lower Upper

91 100

126 38.0 18.6 56.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 51.521 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006335.D

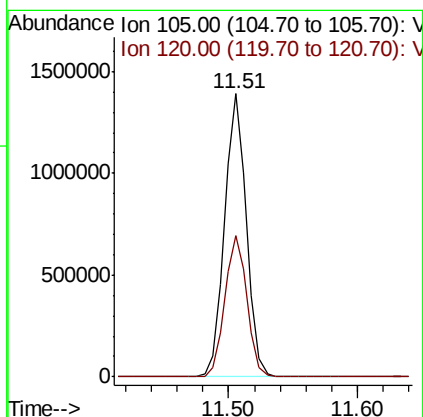
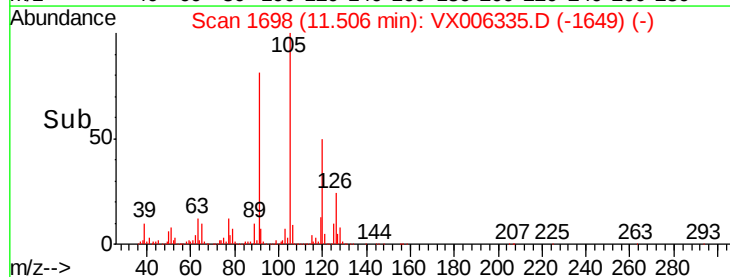
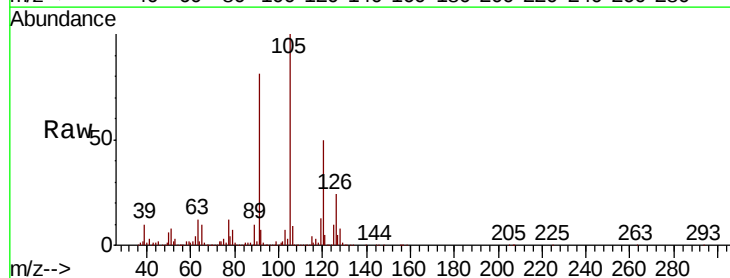
Acq: 07 Dec 2018 09:49

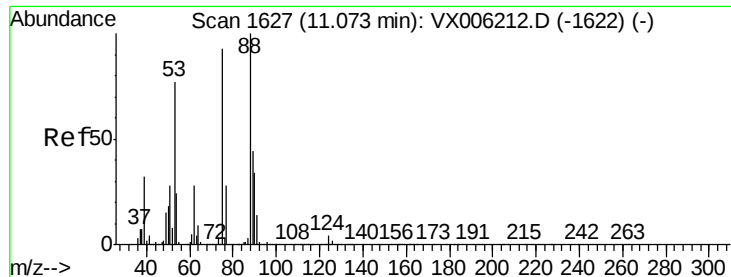
Tgt Ion:105 Resp: 1652820

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.0





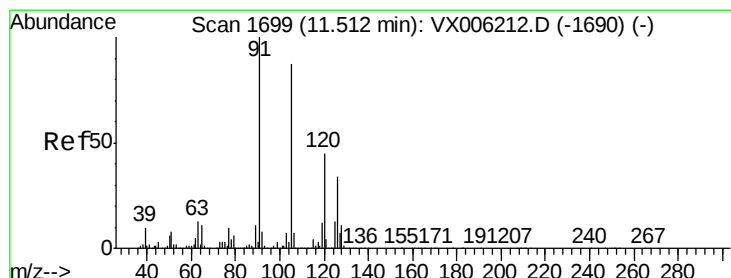
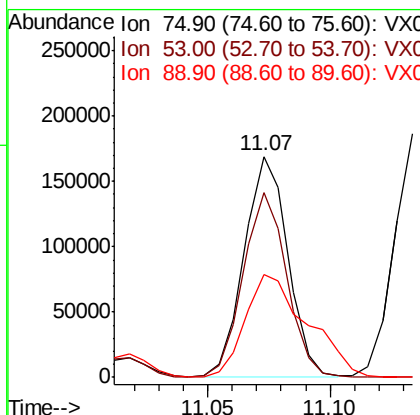
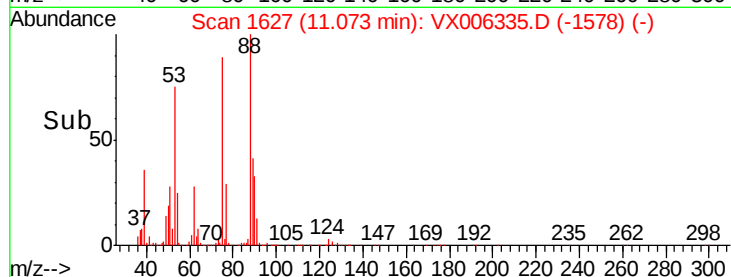
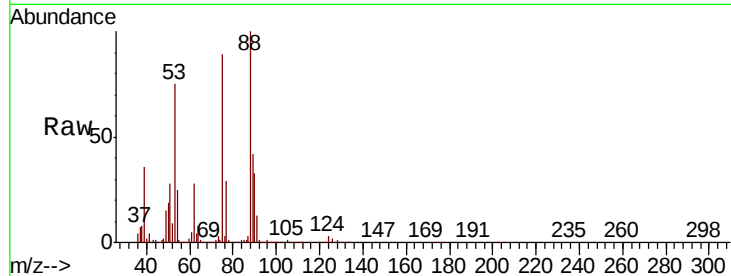
#81
trans-1,4-Dichloro-2-butene
Concen: 45.354 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.8	64.4	96.6
89	67.0	44.2	66.4#

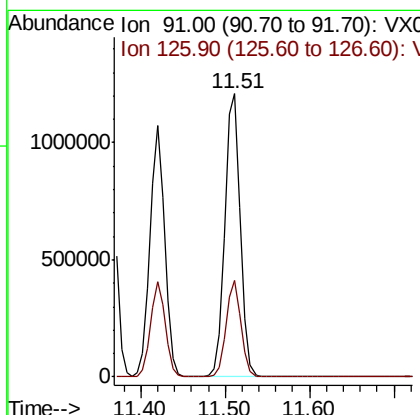
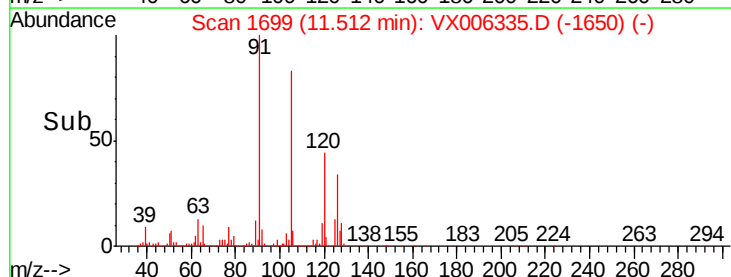
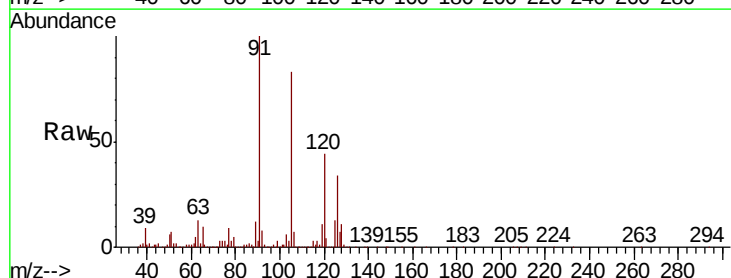
Manual Integrations
APPROVED

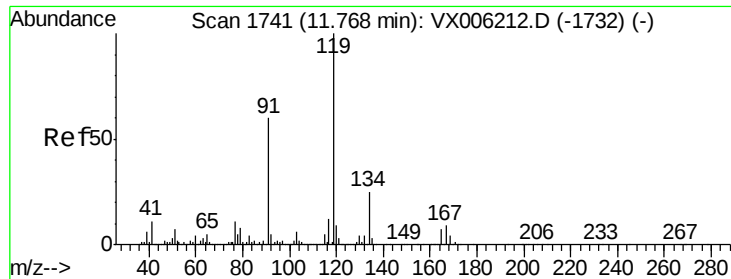
MMDadoda
12/10/2018 9:57:21 AM



#82
4-Chlorotoluene
Concen: 51.762 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4





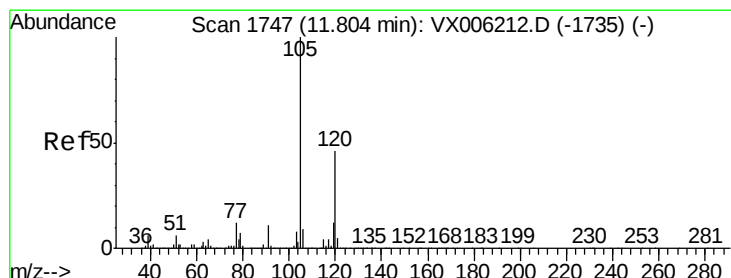
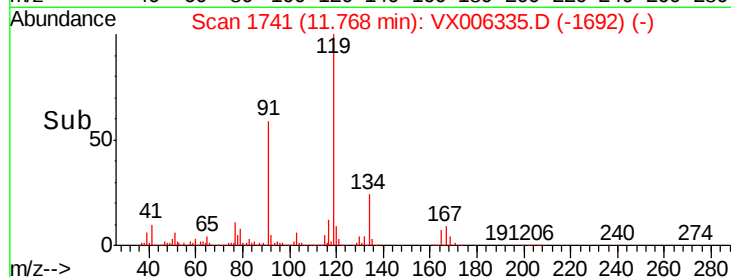
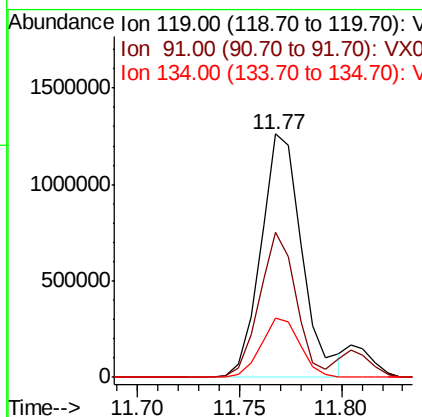
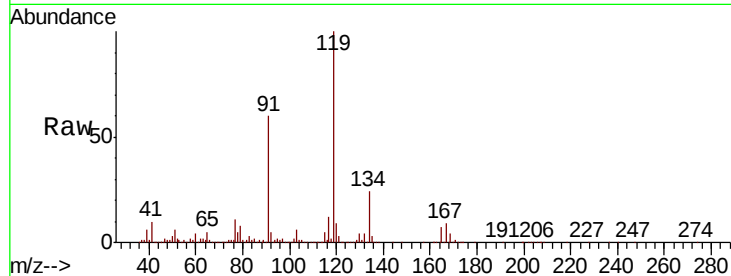
#83
tert-Butylbenzene
Concen: 51.560 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 1764809
Ion Ratio Lower Upper
119 100
91 53.2 26.4 79.2
134 23.1 11.6 34.7

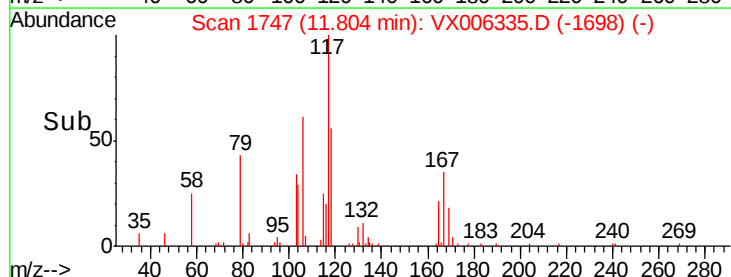
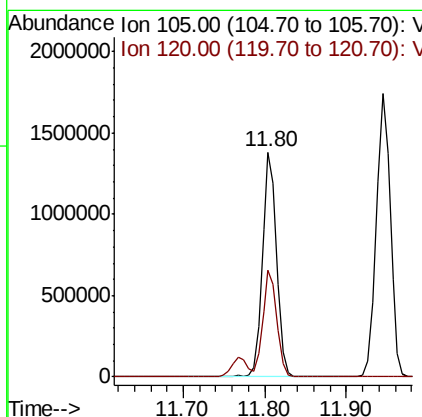
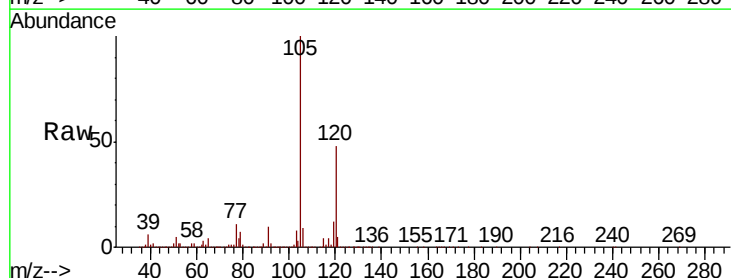
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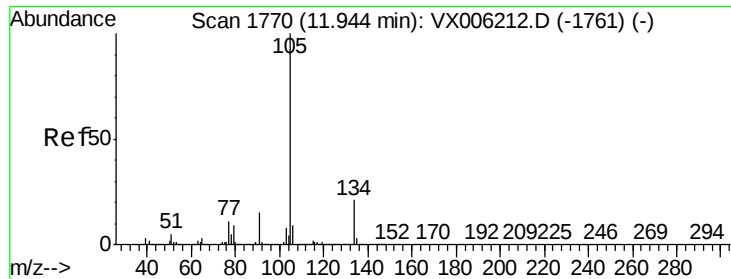
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#84
1,2,4-Trimethylbenzene
Concen: 51.309 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion:105 Resp: 1699670
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 53.171 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2070490

Ion Ratio Lower Upper

105 100

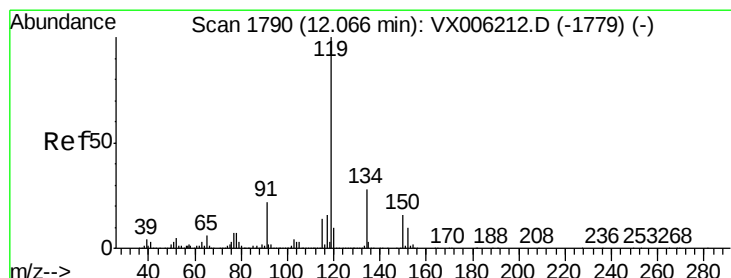
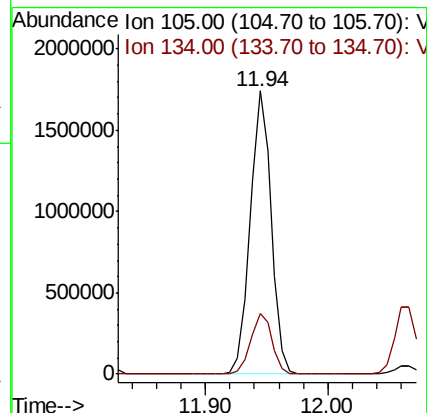
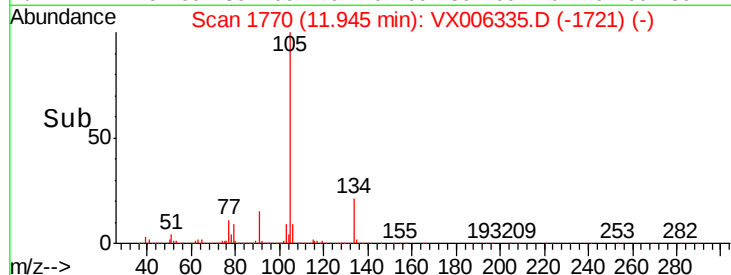
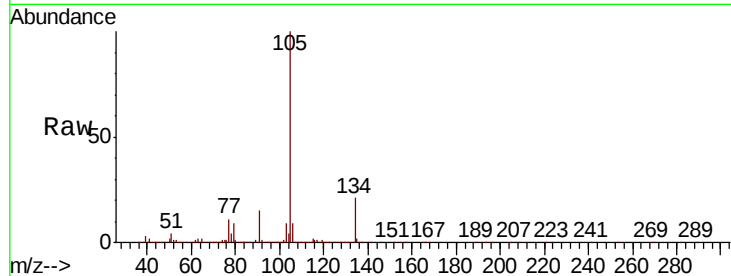
134 21.9 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 53.248 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

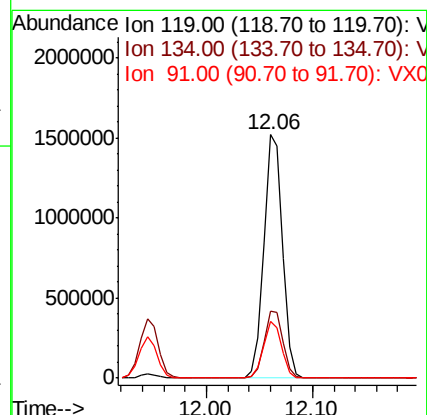
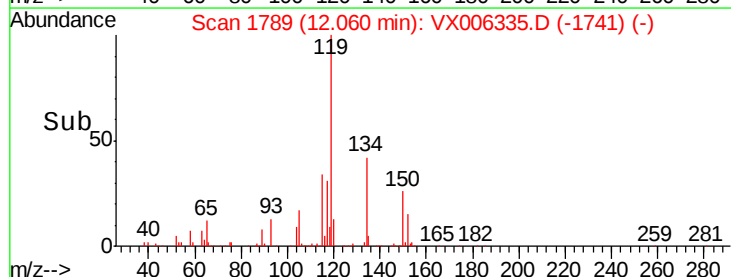
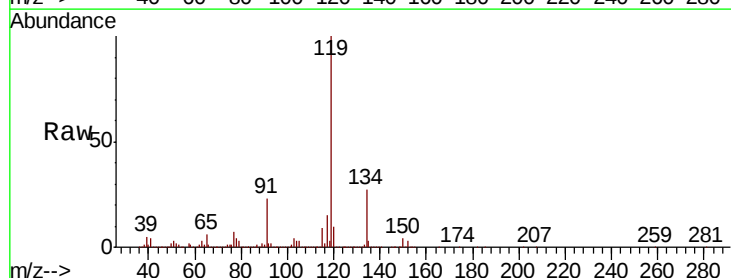
Tgt Ion:119 Resp: 1867074

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

91 22.5 11.3 33.8





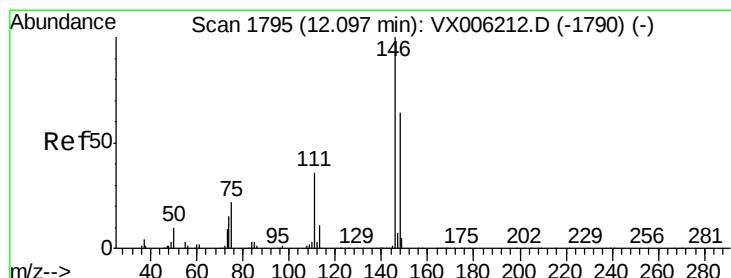
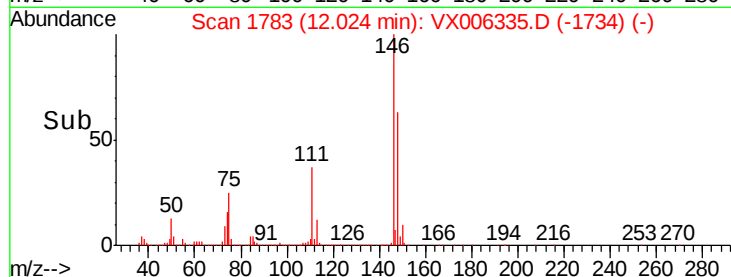
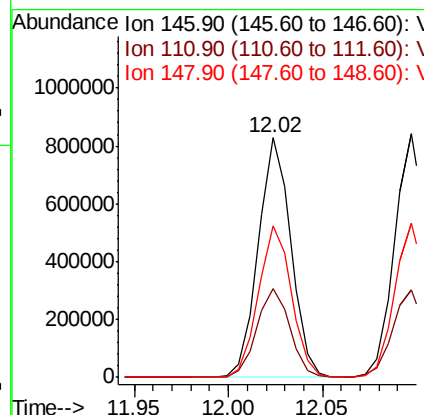
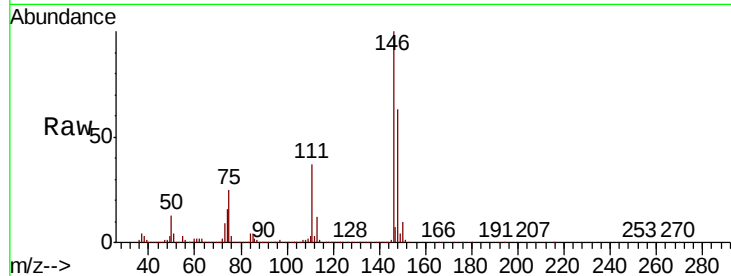
#87
 1,3-Dichlorobenzene
 Concen: 52.259 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	64.1	32.0	96.0

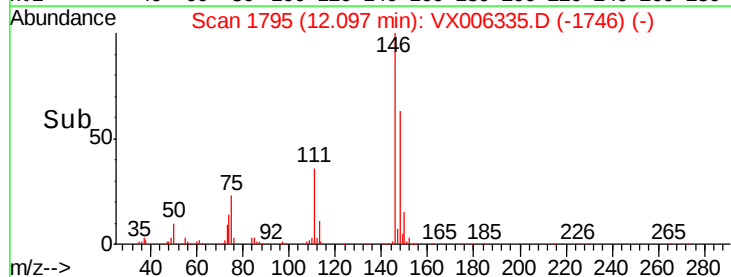
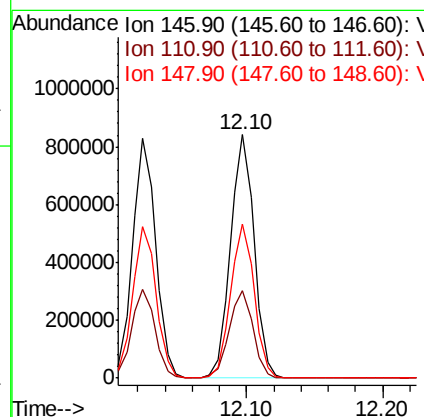
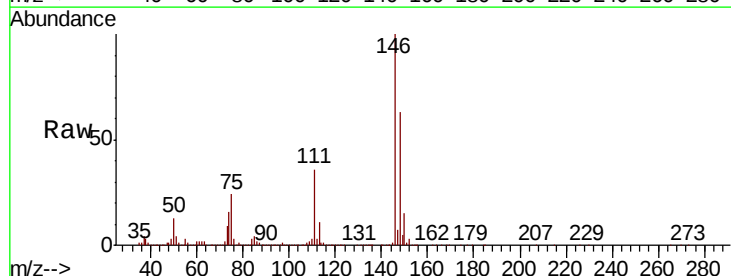
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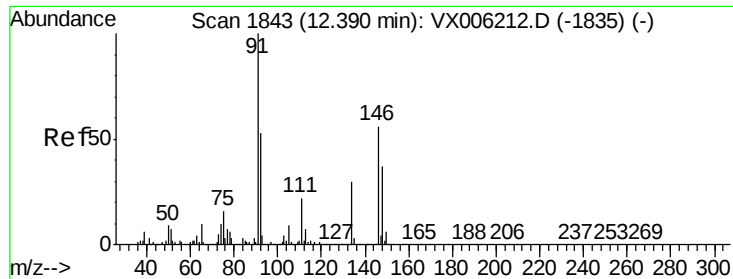
MMDadoda
 12/10/2018 9:57:21 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.272 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.8
148	63.3	31.9	95.9





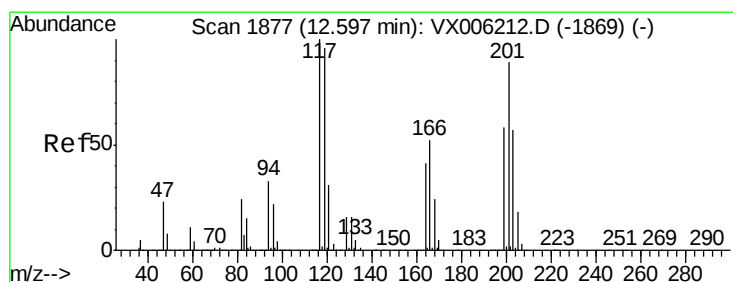
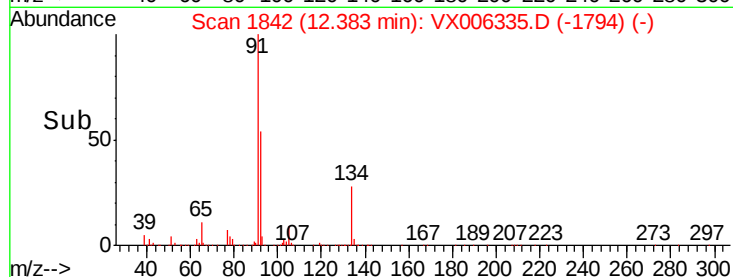
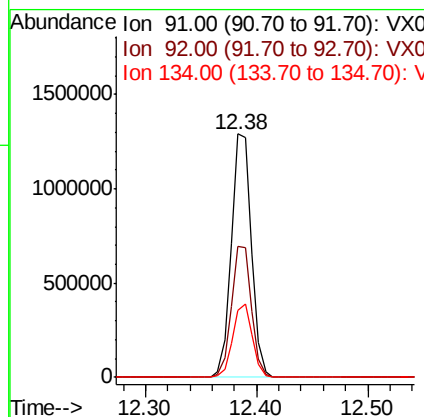
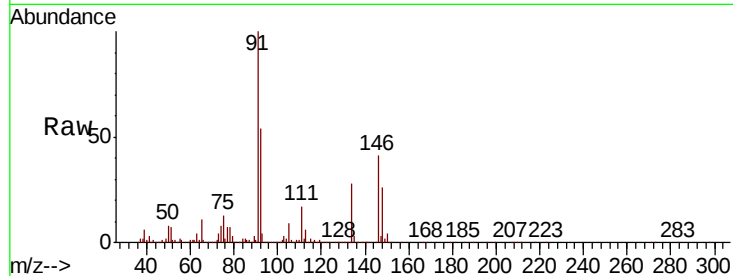
#89
n-Butylbenzene
Concen: 53.568 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1602673
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 29.2 14.8 44.3

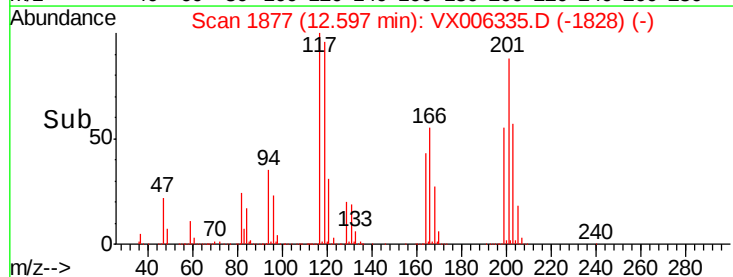
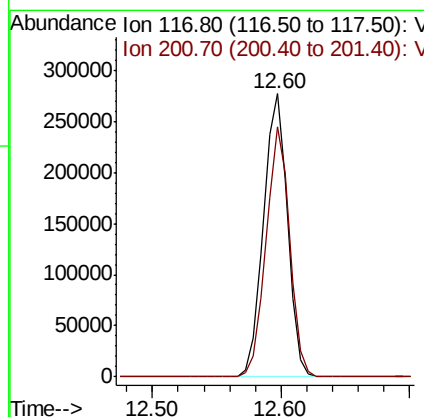
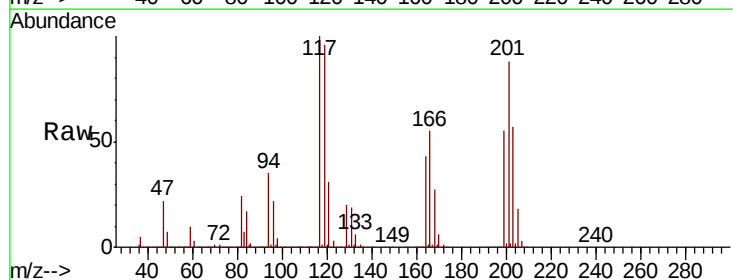
Manual Integrations
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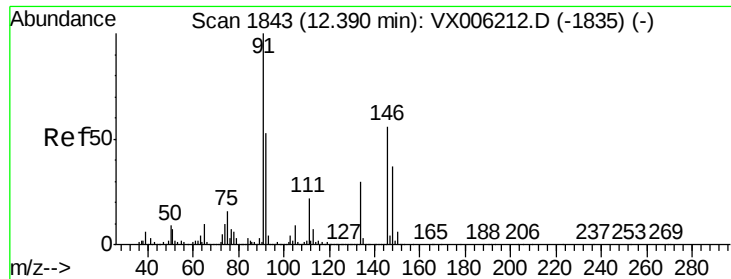
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#90
Hexachloroethane
Concen: 49.568 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion: 117 Resp: 354235
Ion Ratio Lower Upper
117 100
201 87.2 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 51.095 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Instrument :

MSVOA_X

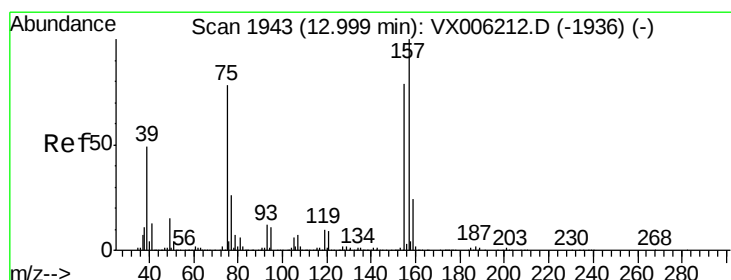
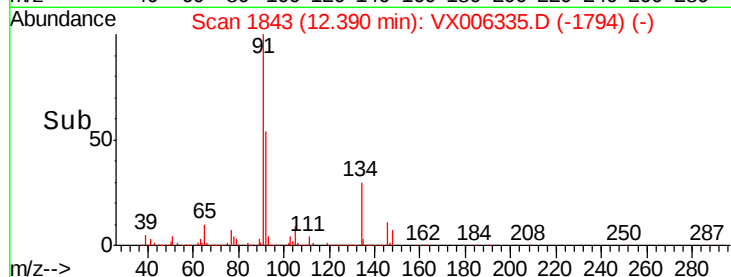
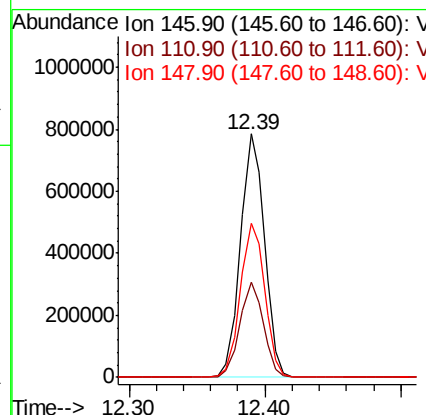
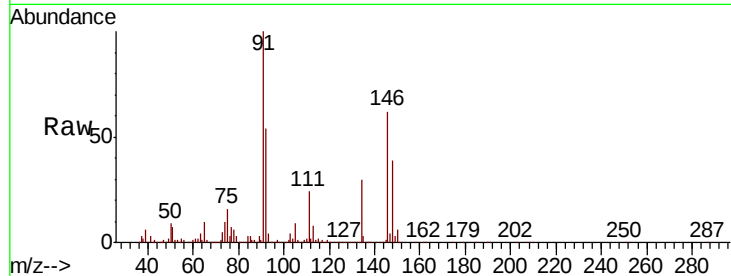
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	965499
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.1	57.3
148	64.2	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.647 ug/l

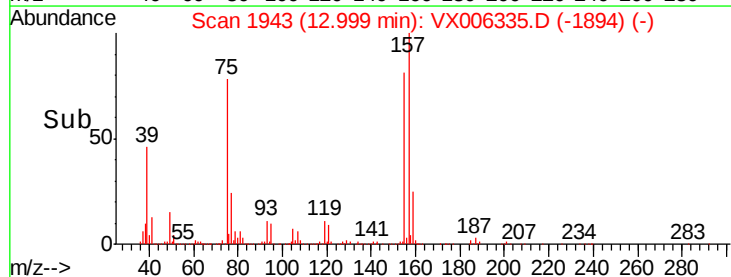
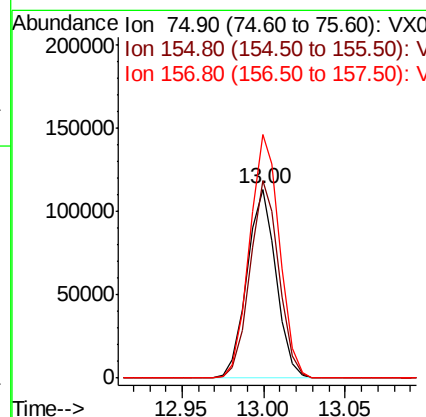
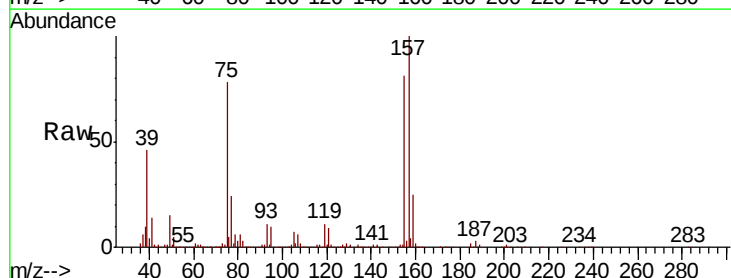
RT: 13.00 min Scan# 1943

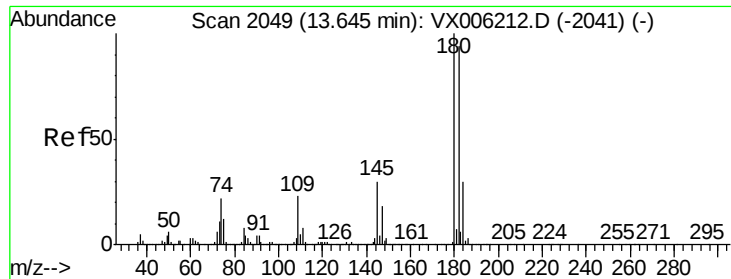
Delta R.T. 0.00 min

Lab File: VX006335.D

Acq: 07 Dec 2018 09:49

Tgt Ion:	75	Resp:	141175
Ion Ratio	Lower	Upper	
75	100		
155	103.7	53.4	160.3
157	132.8	68.0	203.8





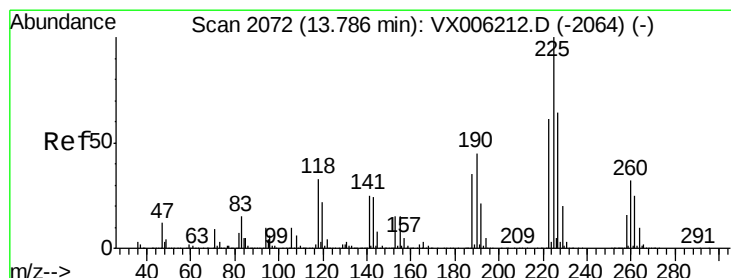
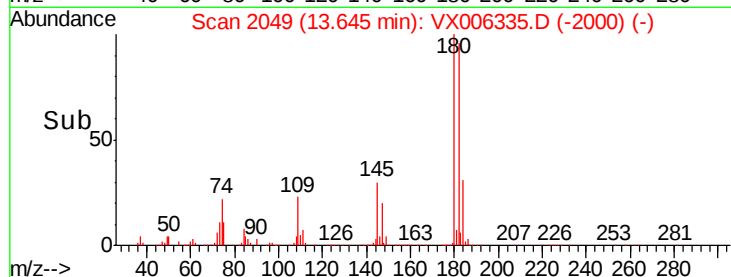
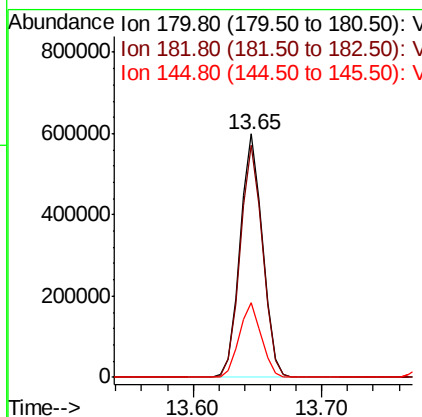
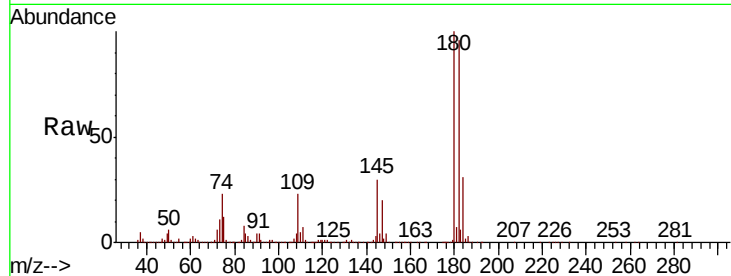
#93
 1,2,4-Trichlorobenzene
 Concen: 52.238 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	720152		
182	95.7	47.3	141.9	
145	30.3	14.6	43.8	

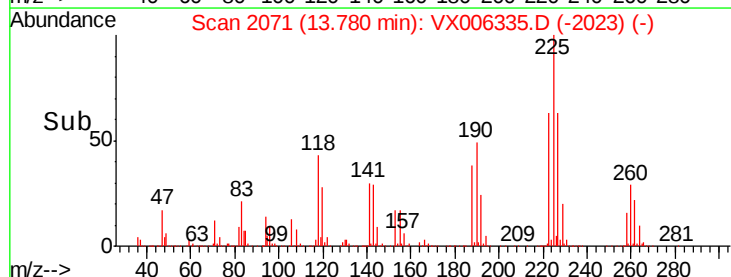
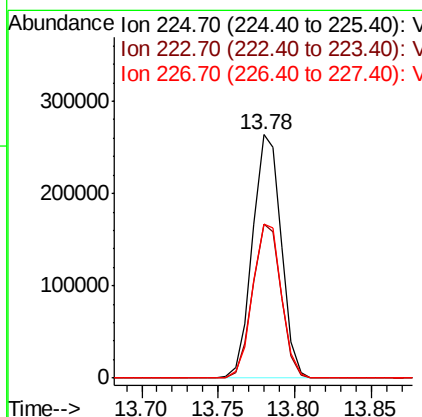
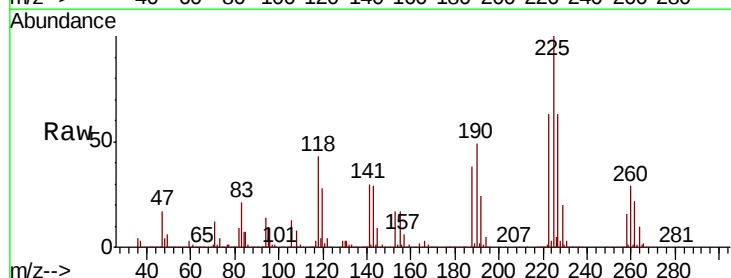
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#94
 Hexachlorobutadiene
 Concen: 56.395 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006335.D
 Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	343820		
223	62.7	31.2	93.6	
227	63.2	31.9	95.5	





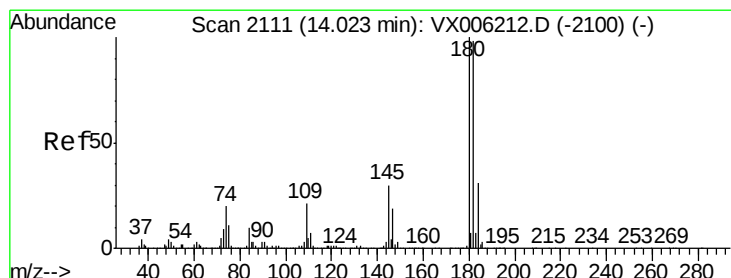
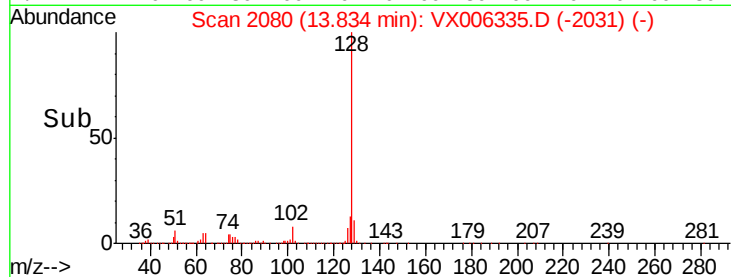
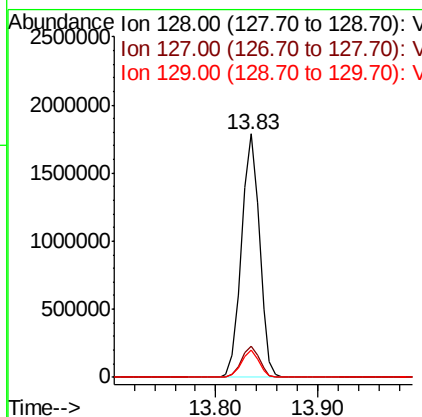
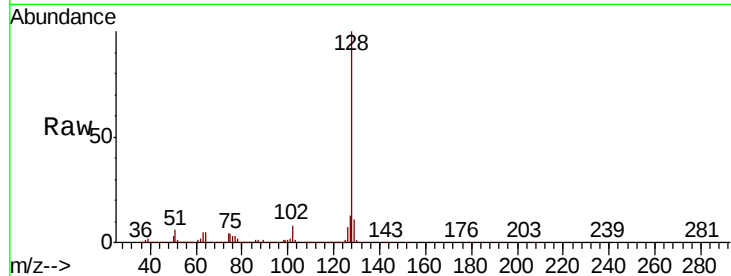
#95
Naphthalene
Concen: 50.292 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/10/2018 9:57:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.647 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006335.D
Acq: 07 Dec 2018 09:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.2
145	31.1	15.6	46.8

