

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122818\
 Data File : VX006848.D
 Acq On : 28 Dec 2018 09:12
 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
 1/2/2019 10:46:34 AM

Quant Time: Dec 28 23:49:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	612626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	871927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	803423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	411096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	332670	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	310169	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
50) Toluene-d8	8.71	98	1145983	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
62) 4-Bromofluorobenzene	11.13	95	417519	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	243675	43.479	ug/l	99
3) Chloromethane	1.33	50	262718	43.511	ug/l	97
4) Vinyl Chloride	1.41	62	286396	45.416	ug/l	98
5) Bromomethane	1.64	94	267062	45.197	ug/l	97
6) Chloroethane	1.71	64	187036	42.835	ug/l	99
7) Trichlorofluoromethane	1.93	101	468381	47.640	ug/l	99
8) Diethyl Ether	2.19	74	187056	47.901	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	283231	49.064	ug/l	98
10) Methyl Iodide	2.51	142	413736	50.069	ug/l	100
11) Tert butyl alcohol	3.08	59	328392	222.862	ug/l	99
12) 1,1-Dichloroethene	2.37	96	254649	46.523	ug/l	97
13) Acrolein	2.29	56	208254	209.501	ug/l	98
14) Allyl chloride	2.73	41	458251	49.737	ug/l	99
15) Acrylonitrile	3.15	53	820986	250.937	ug/l	100
16) Acetone	2.45	43	776524	255.987	ug/l	99
17) Carbon Disulfide	2.57	76	591871	40.860	ug/l	100
18) Methyl Acetate	2.78	43	479628	53.771	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	929131	51.144	ug/l	99
20) Methylene Chloride	2.85	84	294978	47.026	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	277678	45.785	ug/l	96
22) Diisopropyl ether	3.87	45	877626	52.068	ug/l	98
23) Vinyl Acetate	3.82	43	3540712	256.812	ug/l	100
24) 1,1-Dichloroethane	3.70	63	502302	49.921	ug/l	98
25) 2-Butanone	4.70	43	1057059	247.733	ug/l	99
26) 2,2-Dichloropropane	4.59	77	391895	50.421	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	324801	48.540	ug/l	98
28) Bromochloromethane	5.02	49	237529	56.232	ug/l	99
29) Tetrahydrofuran	5.15	42	678181	241.317	ug/l	98
30) Chloroform	5.21	83	507472	48.703	ug/l	98
31) Cyclohexane	5.57	56	396900	43.420	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	441685	50.202	ug/l	99
36) 1,1-Dichloropropene	5.80	75	371309	51.417	ug/l	99
37) Ethyl Acetate	4.85	43	402265	53.519	ug/l	99
38) Carbon Tetrachloride	5.78	117	380398	54.201	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	402134	42.297	ug/l	98
40) Benzene	6.14	78	1118761	50.966	ug/l	99
41) Methacrylonitrile	5.06	41	227736	57.069	ug/l	99
42) 1,2-Dichloroethane	6.20	62	381327	50.980	ug/l	100
43) Isopropyl Acetate	6.46	43	662476	57.927	ug/l	98
44) Trichloroethene	7.21	130	332412	50.032	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290463	54.375	ug/l	97
46) Dibromomethane	7.66	93	204173	51.963	ug/l	97
47) Bromodichloromethane	7.90	83	372779	57.146	ug/l	97
48) Methyl methacrylate	7.77	41	332683	57.204	ug/l	98
49) 1,4-Dioxane	7.75	88	132794	870.107	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2051911	281.985	ug/l	99
52) Toluene	8.79	92	744391	52.491	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	418597	59.832	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	456217	59.430	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	314764	54.226	ug/l	99
56) Ethyl methacrylate	9.18	69	468529	57.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	498708	53.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1239902	284.311	ug/l	99
59) 2-Hexanone	9.49	43	1568533	281.730	ug/l	100
60) Dibromochloromethane	9.59	129	327644	53.784	ug/l	98
61) 1,2-Dibromoethane	9.67	107	335808	54.421	ug/l	98
64) Tetrachloroethene	9.34	164	317302	49.875	ug/l	95
65) Chlorobenzene	10.14	112	877509	51.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	315256	59.448	ug/l	100
67) Ethyl Benzene	10.25	91	1445527	52.045	ug/l	100
68) m/p-Xylenes	10.36	106	1146946	104.651	ug/l	99
69) o-Xylene	10.69	106	560168	51.760	ug/l	98
70) Styrene	10.71	104	927048	54.144	ug/l	100
71) Bromoform	10.86	173	244921	51.095	ug/l	100
73) Isopropylbenzene	11.02	105	1446364	51.428	ug/l	99
74) N-amyl acetate	10.90	43	603852	59.985	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	462771	55.328	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	430632m	56.366	ug/l	
77) Bromobenzene	11.26	156	403684	53.093	ug/l	99
78) n-propylbenzene	11.36	91	1616348	52.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	959497	51.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1170007	50.508	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	131616	52.222	ug/l	99
82) 4-Chlorotoluene	11.51	91	1129729	52.476	ug/l	100
83) tert-Butylbenzene	11.77	119	1178879	50.848	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1206662	49.524	ug/l	99
85) sec-Butylbenzene	11.94	105	1323019	46.544	ug/l	100
86) p-Isopropyltoluene	12.06	119	1195225	47.834	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	716078	52.256	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	723615	51.511	ug/l	100
89) n-Butylbenzene	12.39	91	1018915	47.915	ug/l	99
90) Hexachloroethane	12.60	117	178756	45.994	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	703900	51.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93289	53.904	ug/l	98

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VSTDCCC050

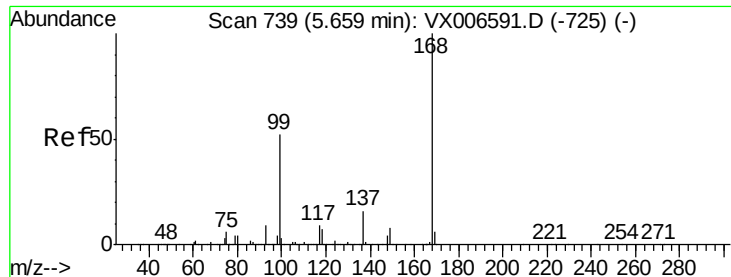
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	450311	47.623	ug/l	98
94) Hexachlorobutadiene	13.78	225	182531	40.955	ug/l	99
95) Naphthalene	13.83	128	1401126	46.427	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	443564	45.434	ug/l	98

(#) = 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. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 612626

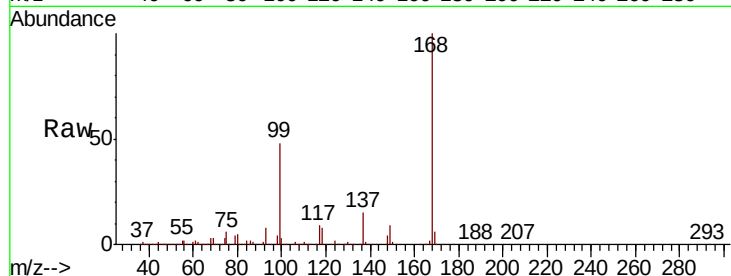
Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8

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

5.66

250000

200000

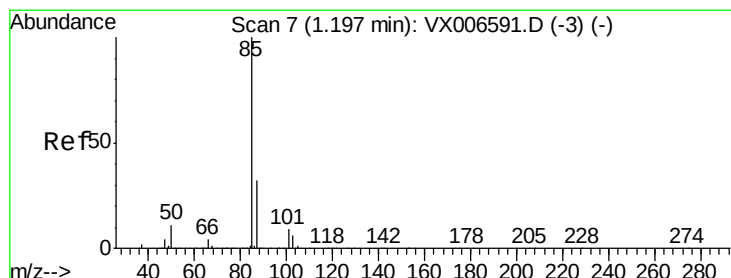
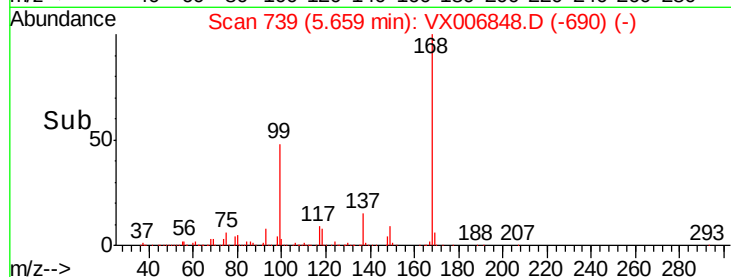
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.479 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006848.D

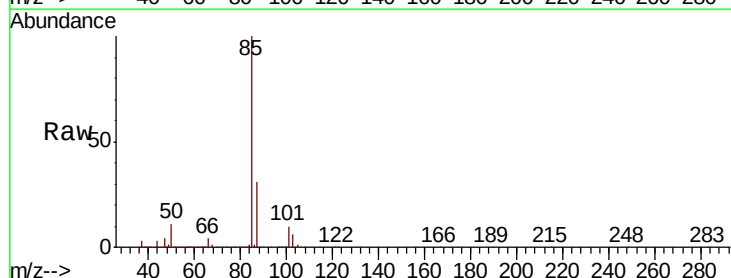
Acq: 28 Dec 2018 09:12

Tgt Ion: 85 Resp: 243675

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

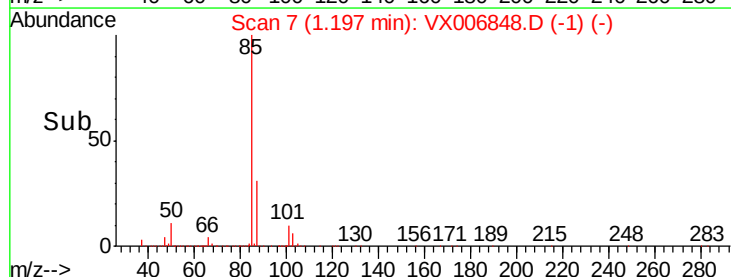
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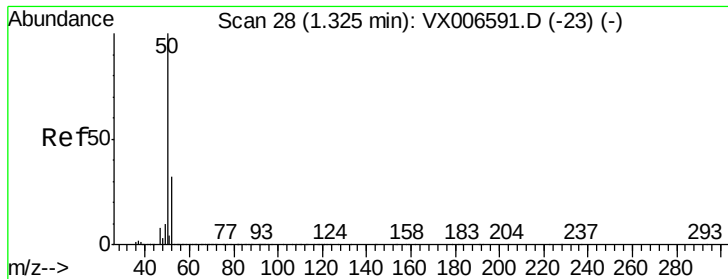
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50000

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Time-->





#3

Chloromethane

Concen: 43.511 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 262718

Ion Ratio Lower Upper

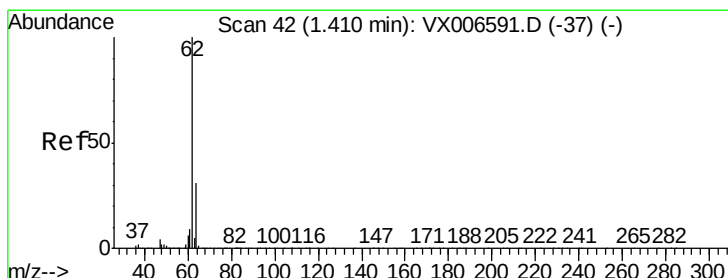
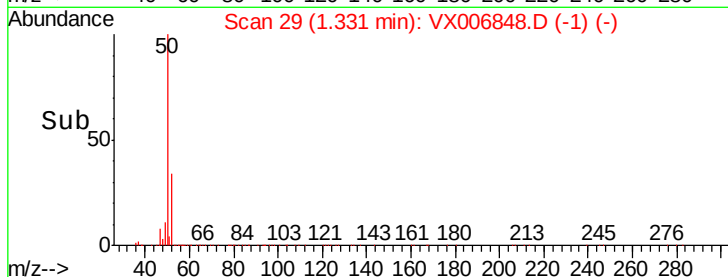
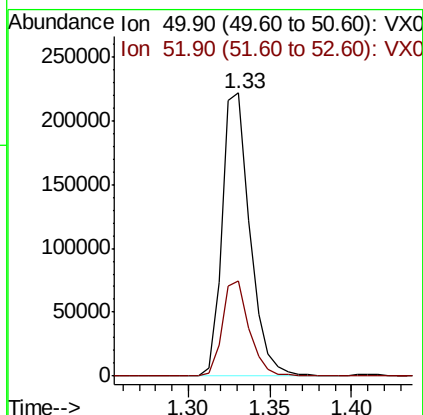
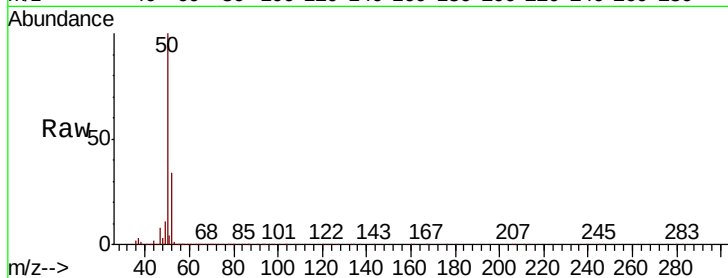
50 100

52 33.5 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.416 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006848.D

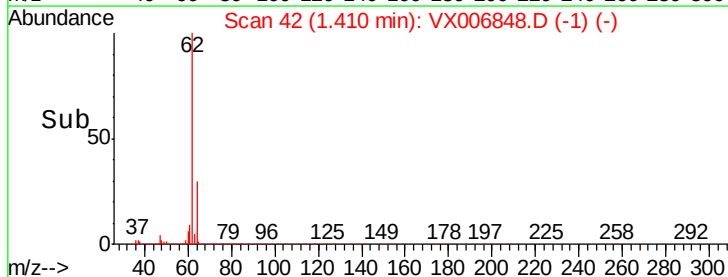
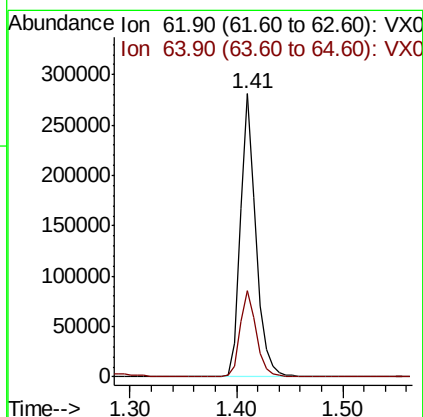
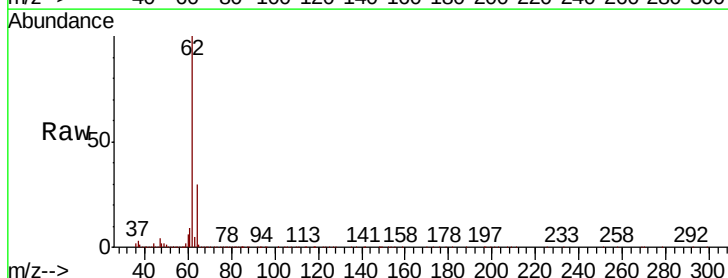
Acq: 28 Dec 2018 09:12

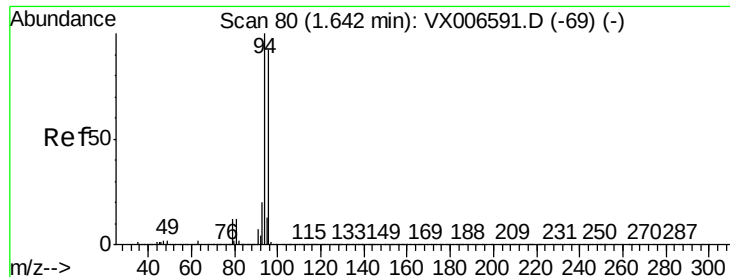
Tgt Ion: 62 Resp: 286396

Ion Ratio Lower Upper

62 100

64 30.2 25.1 37.7





#5

Bromomethane

Concen: 45.197 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 267062

Ion Ratio Lower Upper

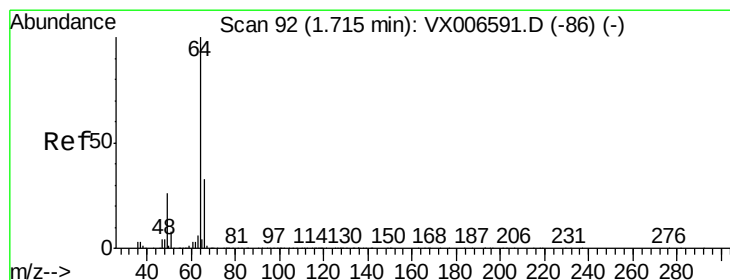
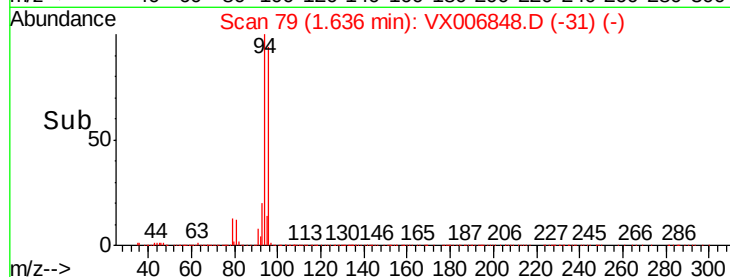
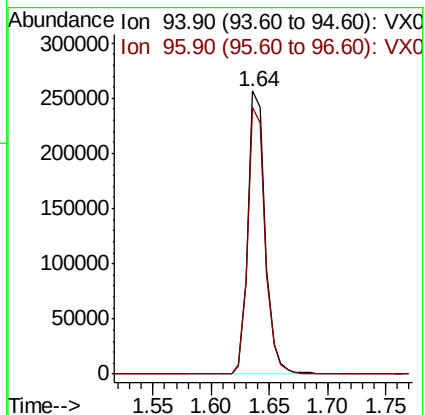
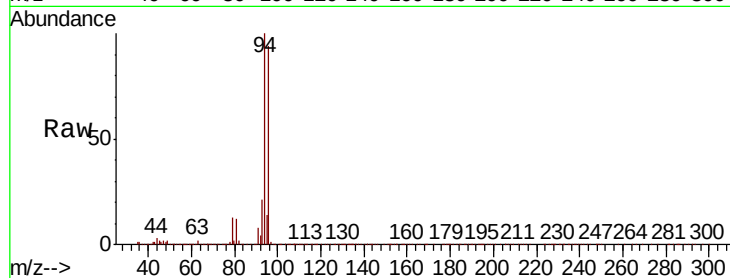
94 100

96 94.4 73.4 110.2

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#6

Chloroethane

Concen: 42.835 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006848.D

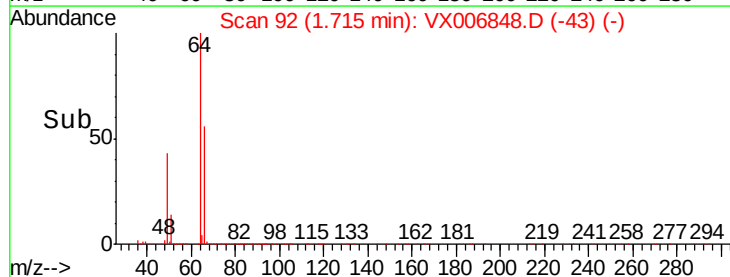
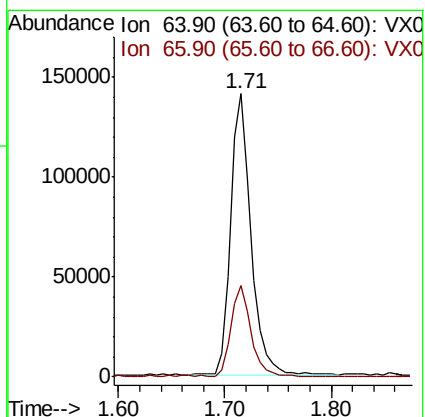
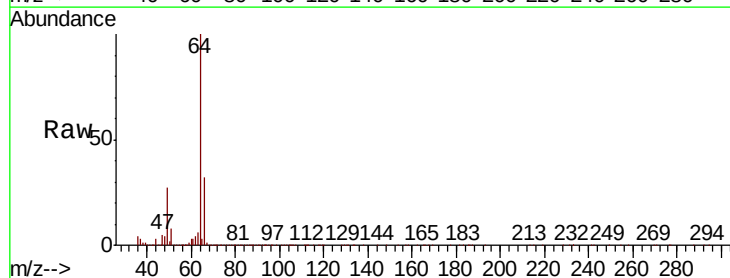
Acq: 28 Dec 2018 09:12

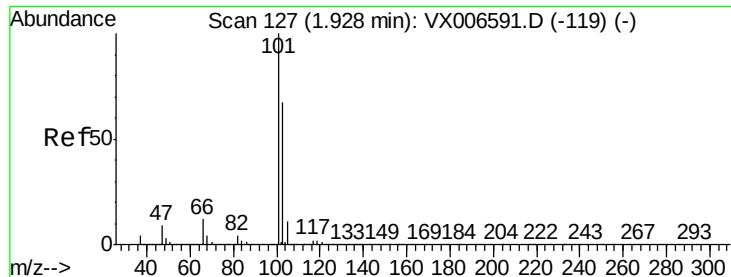
Tgt Ion: 64 Resp: 187036

Ion Ratio Lower Upper

64 100

66 32.4 26.4 39.6





#7

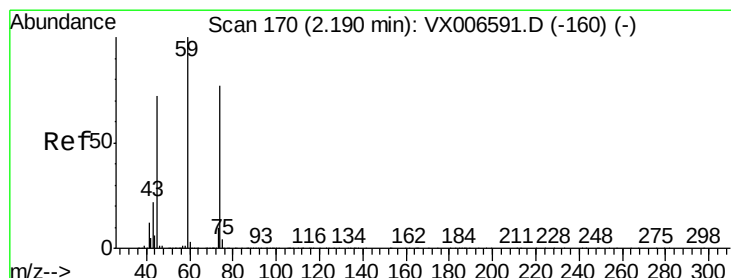
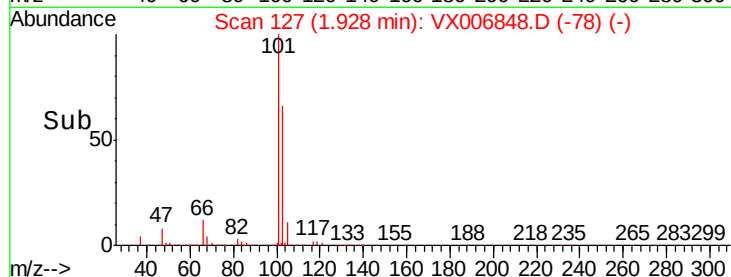
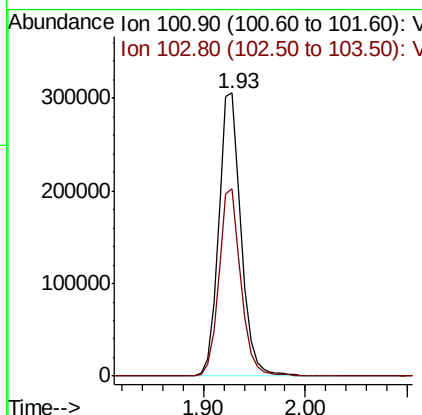
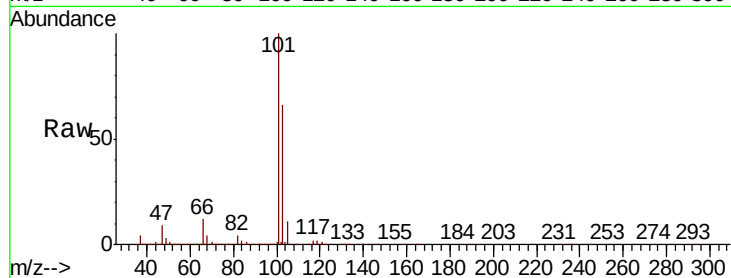
Trichlorofluoromethane
Concen: 47.640 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	468381		
103	65.9	53.2	79.8	

Manual Integrations
APPROVED

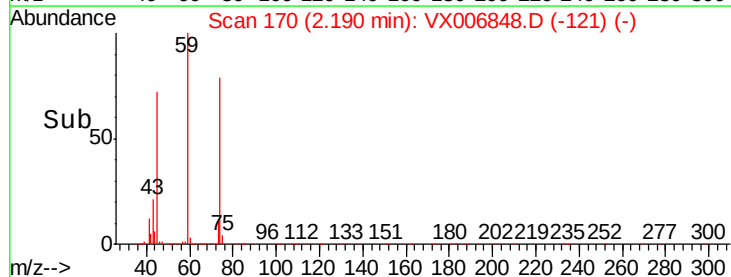
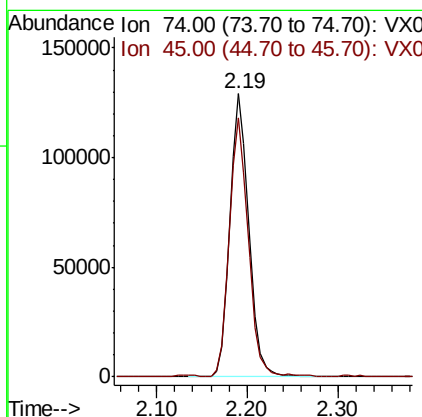
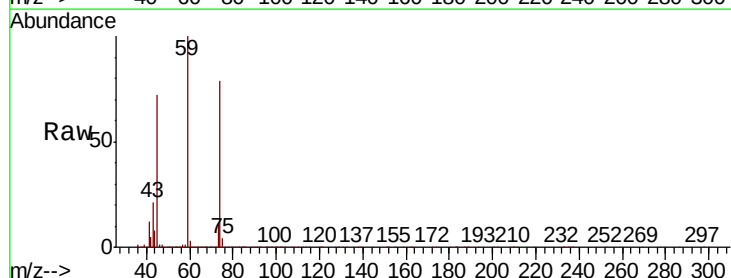
MMDadoda
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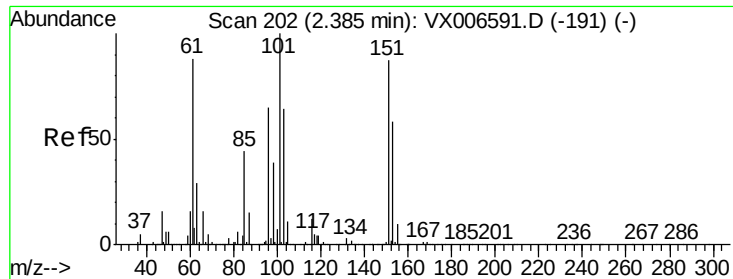


#8

Diethyl Ether
Concen: 47.901 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	187056		
45	91.9	46.3	138.9	





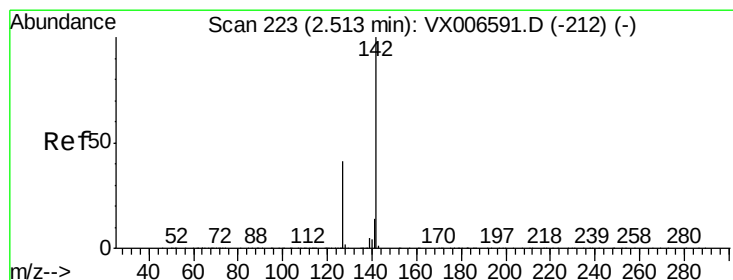
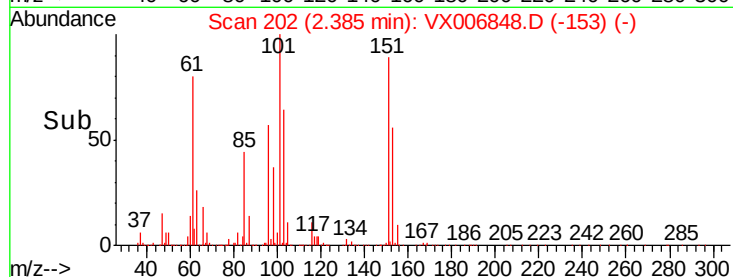
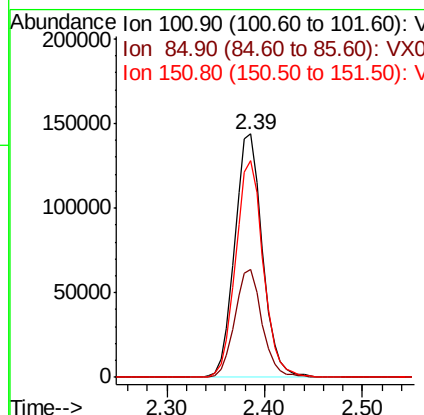
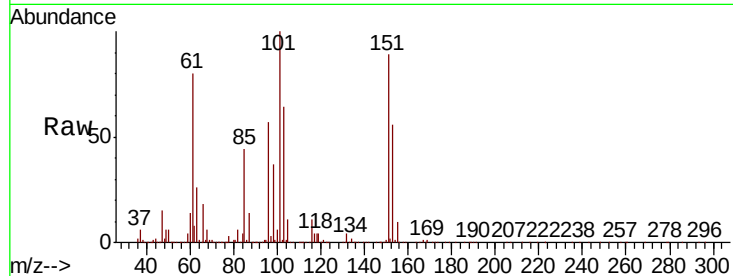
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.064 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX006848.D
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 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	43.9	35.1	52.7
151	88.7	68.9	103.3

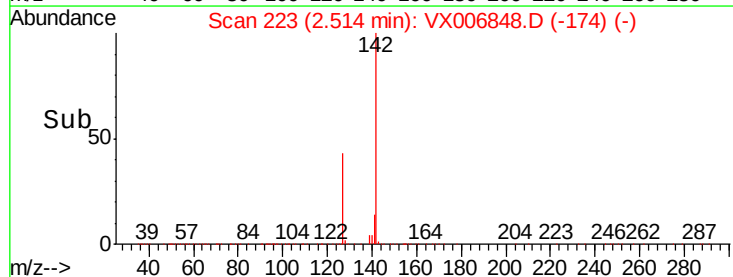
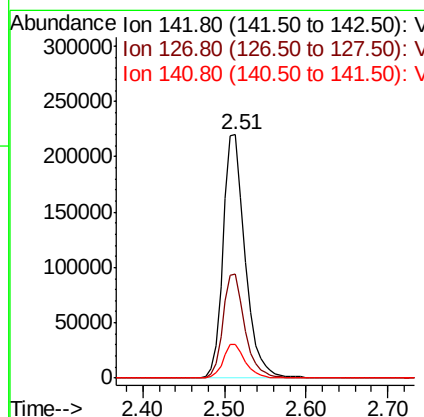
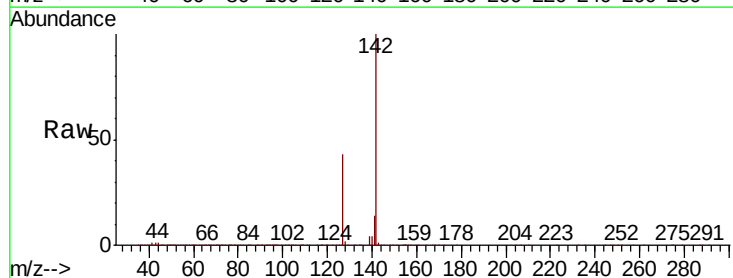
Manual Integrations
 APPROVED

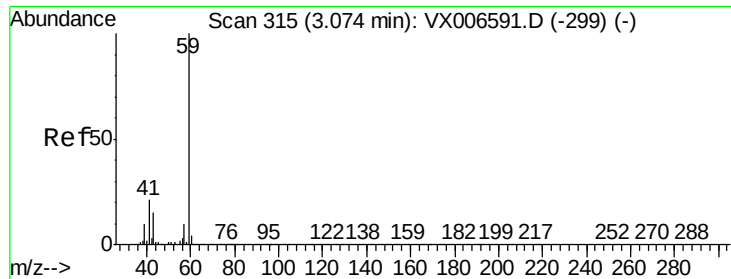
MMDadoda
 1/2/2019 10:46:34 AM



#10
 Methyl Iodide
 Concen: 50.069 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	42.2	33.9	50.9
141	14.0	11.4	17.0





#11

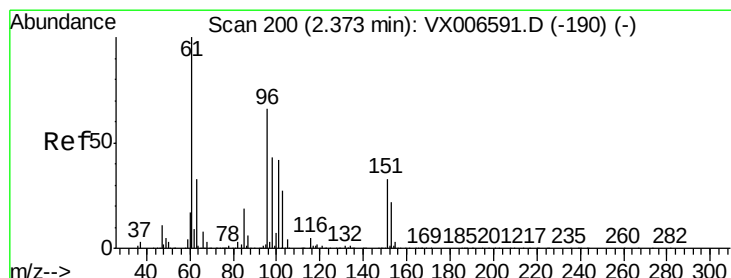
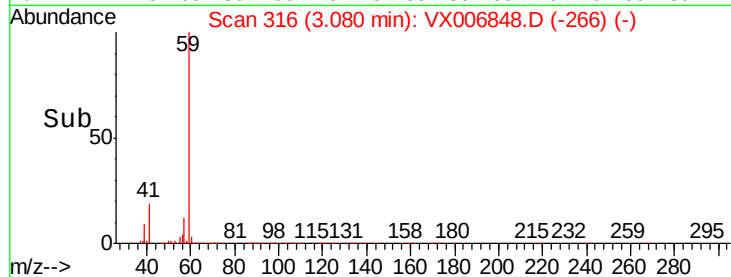
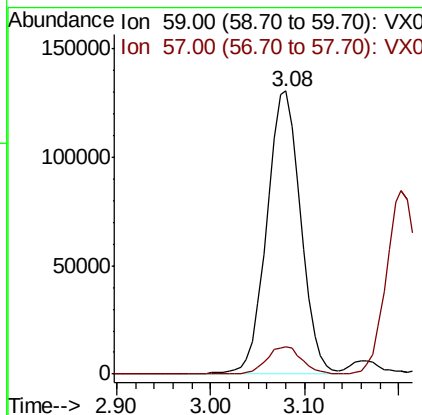
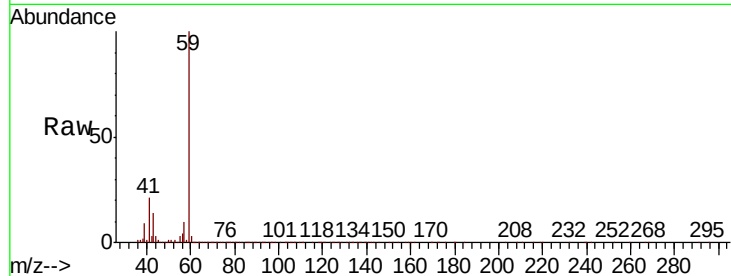
Tert butyl alcohol
Concen: 222.862 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

Manual Integrations
APPROVED

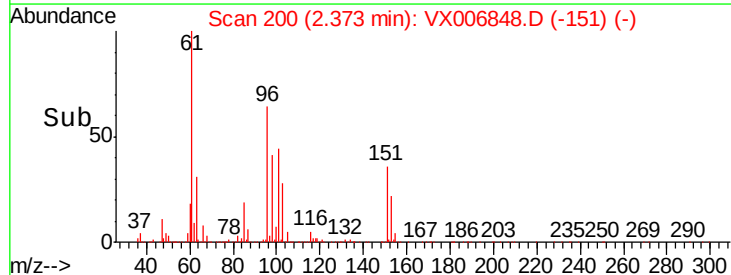
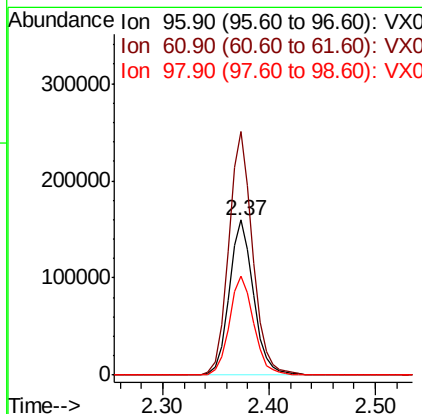
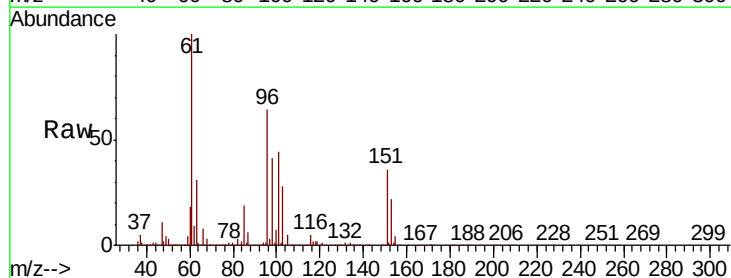
MMDadoda
1/2/2019 10:46:34 AM

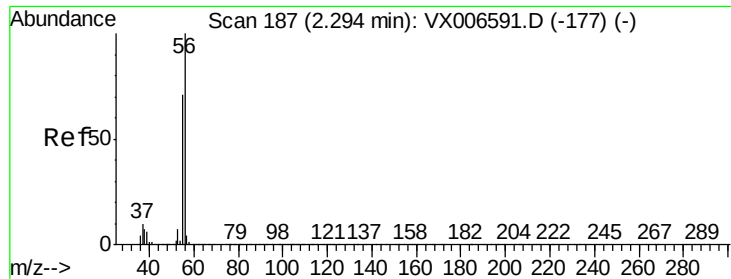


#12

1,1-Dichloroethene
Concen: 46.523 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	121.4	182.2
98	64.0	51.9	77.9





#13

Acrolein

Concen: 209.501 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 208254

Ion Ratio Lower Upper

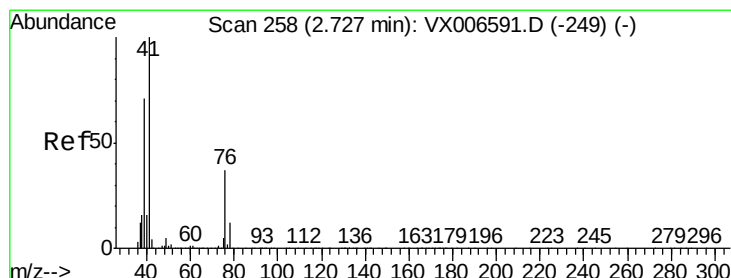
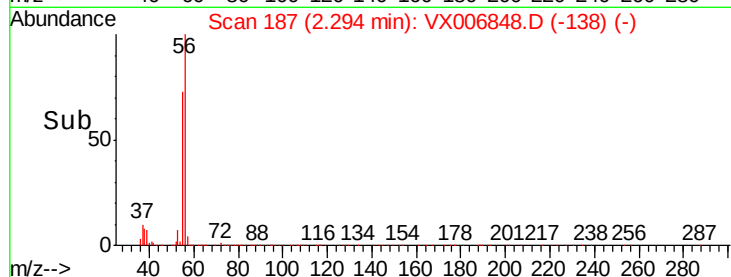
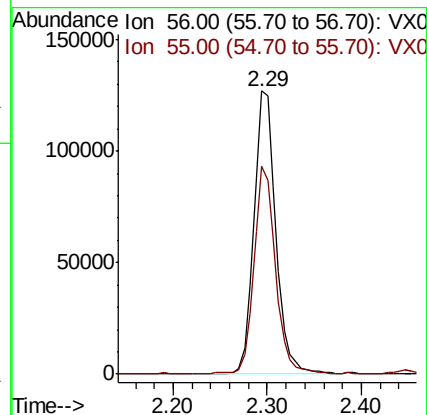
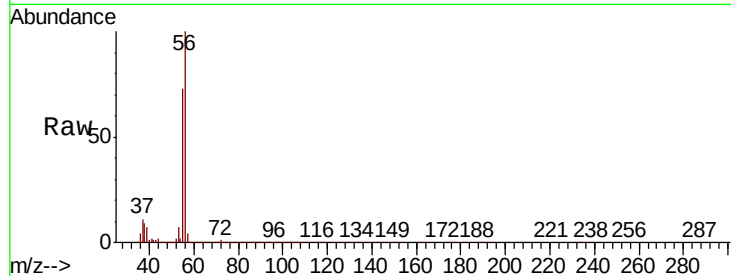
56 100

55 71.4 58.2 87.4

Manual Integrations
APPROVED

MMDadoda

1/2/2019 10:46:34 AM



#14

Allyl chloride

Concen: 49.737 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

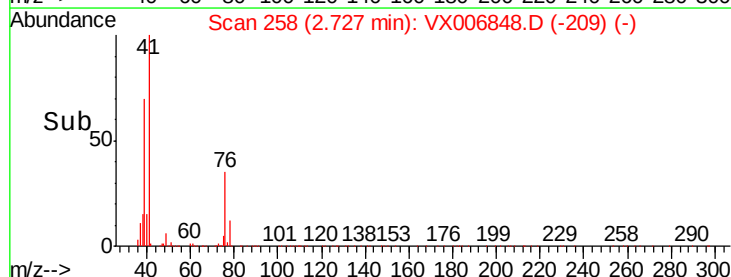
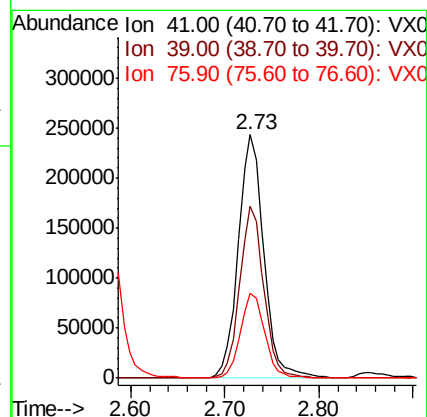
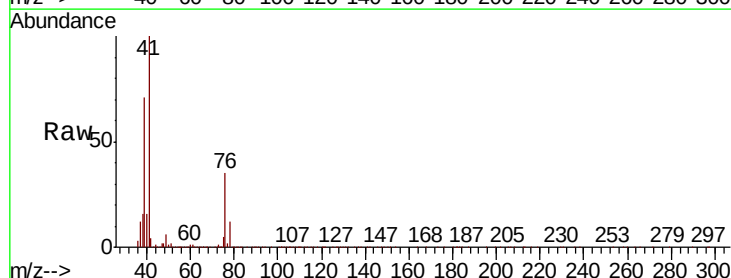
Tgt Ion: 41 Resp: 458251

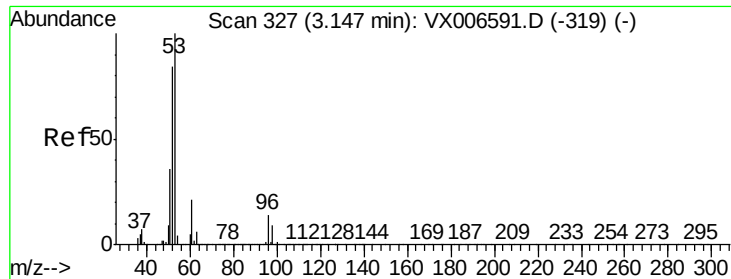
Ion Ratio Lower Upper

41 100

39 66.4 53.6 80.4

76 33.1 27.4 41.2





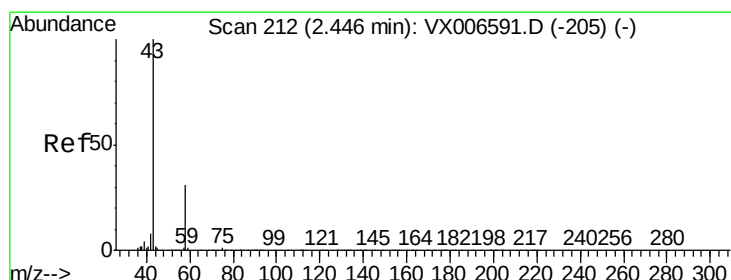
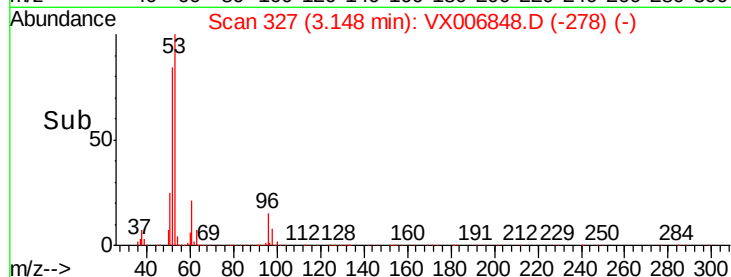
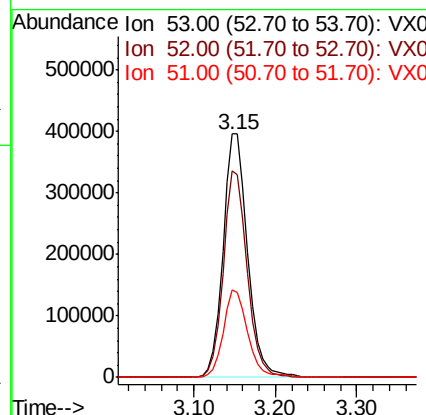
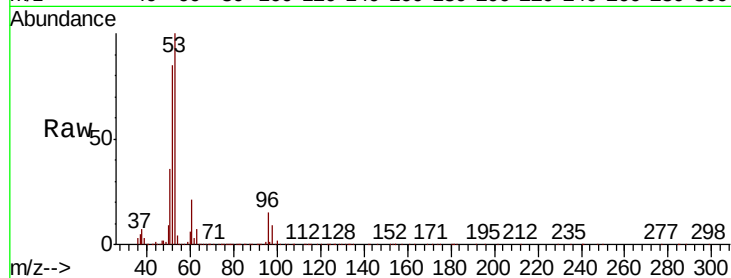
#15
 Acrylonitrile
 Concen: 250.937 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	53	Resp	820986
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.0	99.0
51	35.8	28.6	42.8

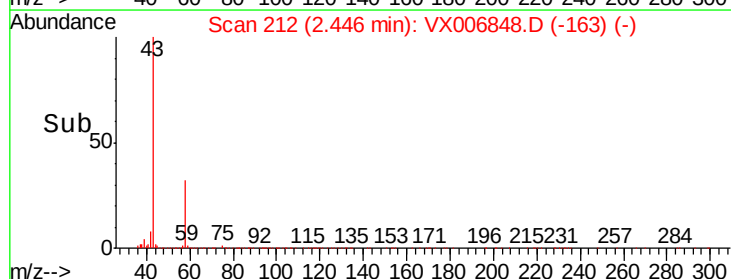
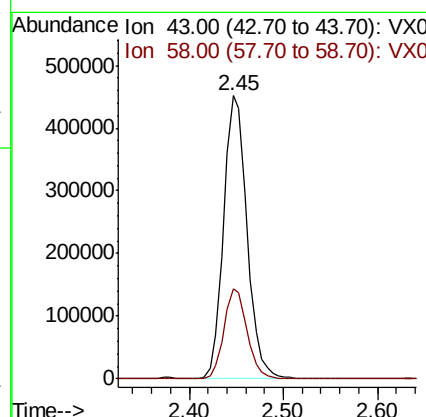
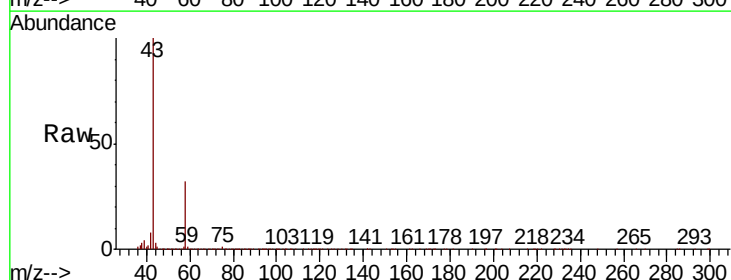
Manual Integrations
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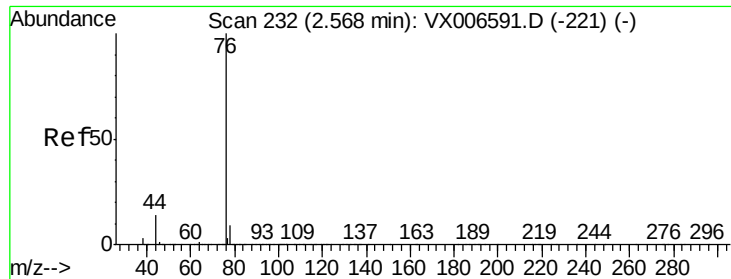
MMDadoda
 1/2/2019 10:46:34 AM



#16
 Acetone
 Concen: 255.987 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	43	Resp	776524
Ion Ratio	Lower	Upper	
43	100		
58	31.9	25.0	37.6





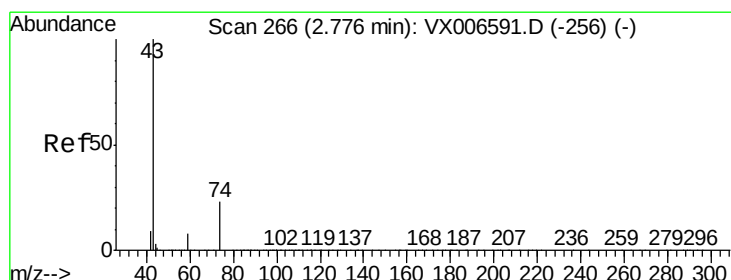
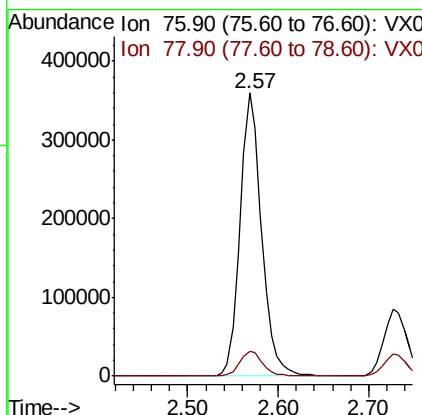
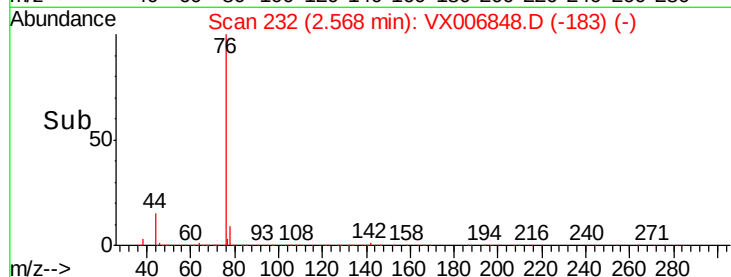
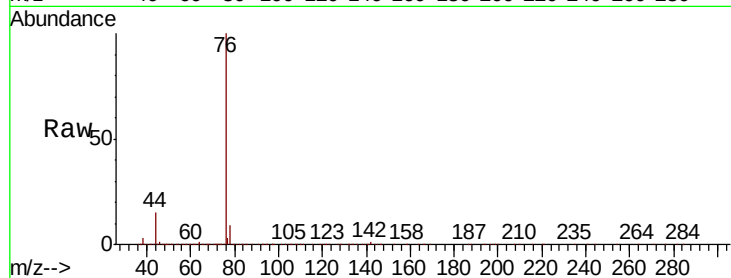
#17
Carbon Disulfide
Concen: 40.860 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

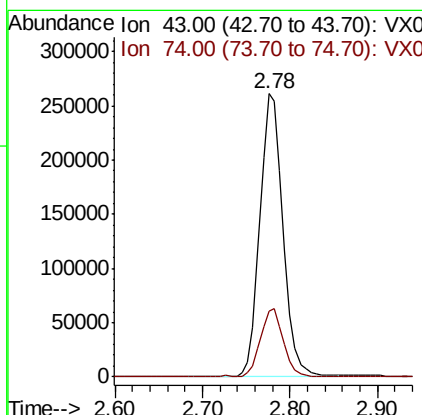
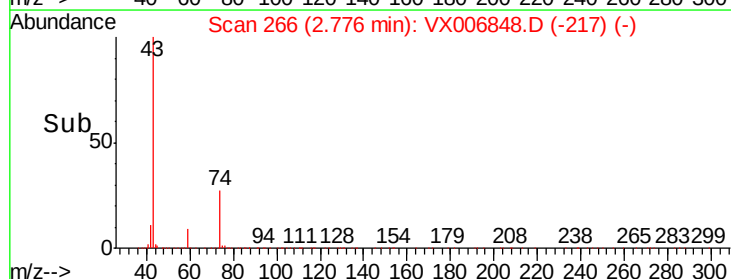
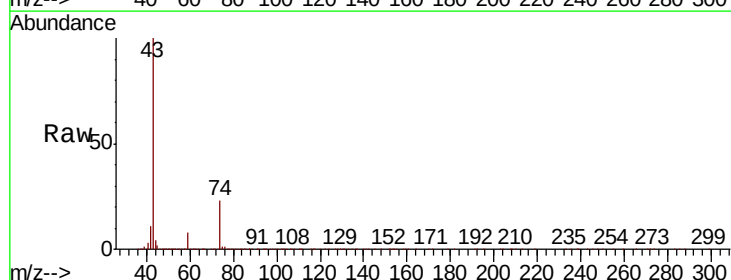
Manual Integrations
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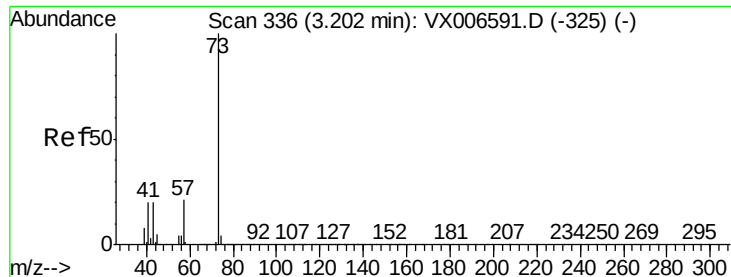
MMDadoda
1/2/2019 10:46:34 AM



#18
Methyl Acetate
Concen: 53.771 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	28.0





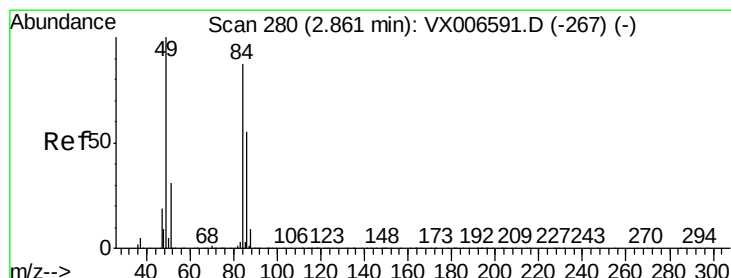
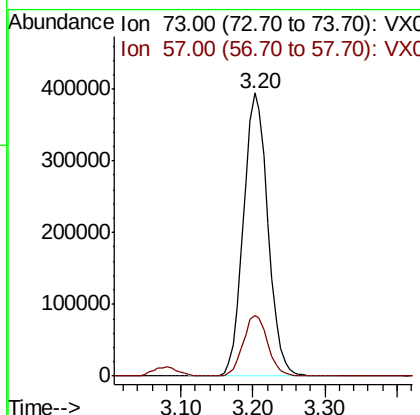
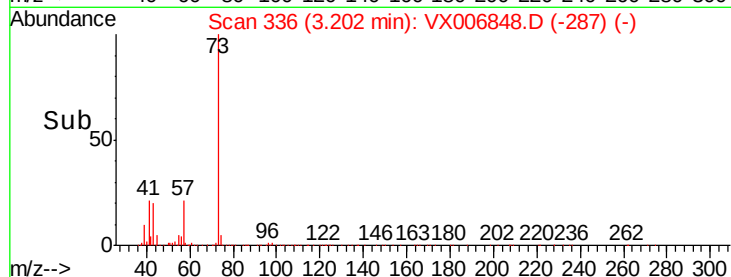
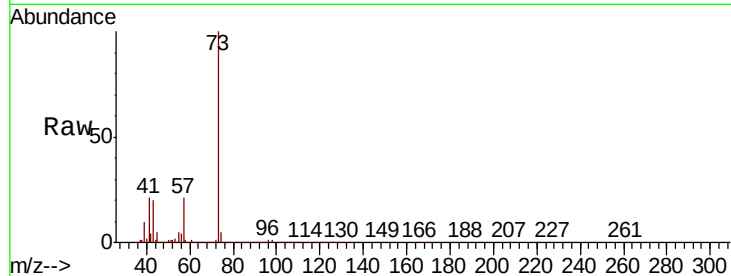
#19
Methyl tert-butyl Ether
Concen: 51.144 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2

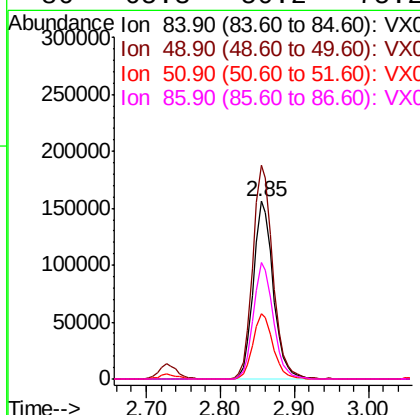
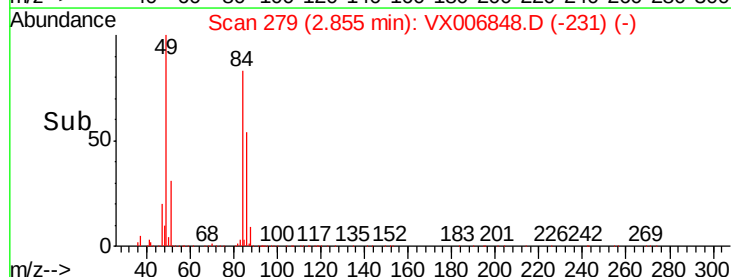
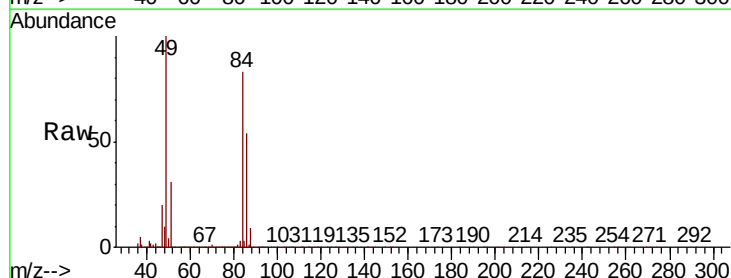
Manual Integrations
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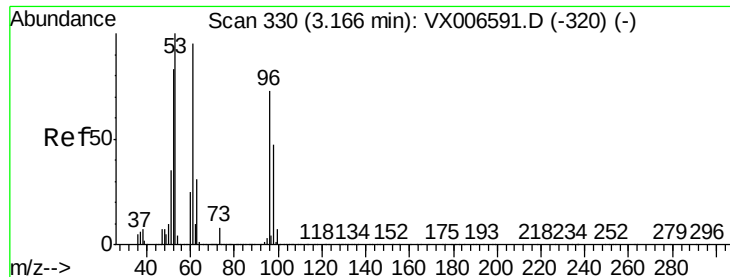
MMDadoda
1/2/2019 10:46:34 AM



#20
Methylene Chloride
Concen: 47.026 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	91.8	137.6
51	36.7	28.5	42.7
86	65.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 45.785 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

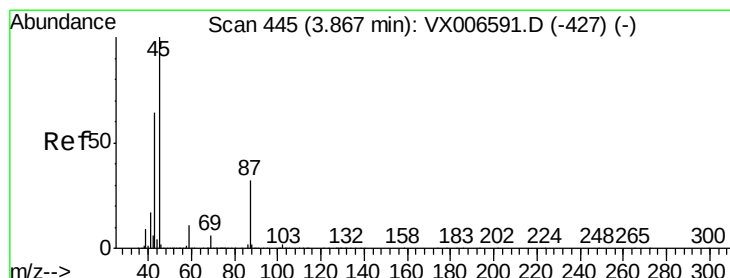
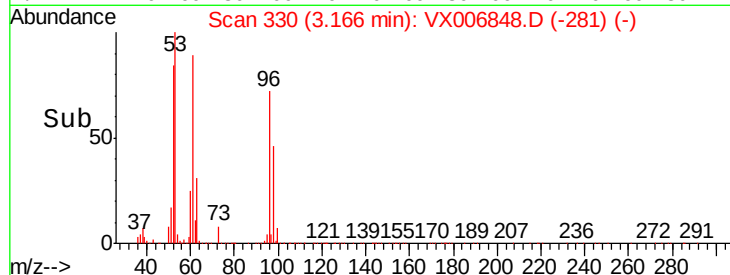
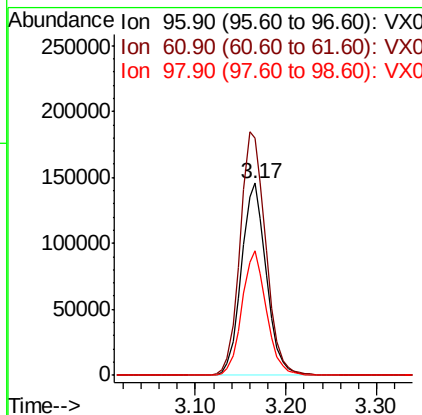
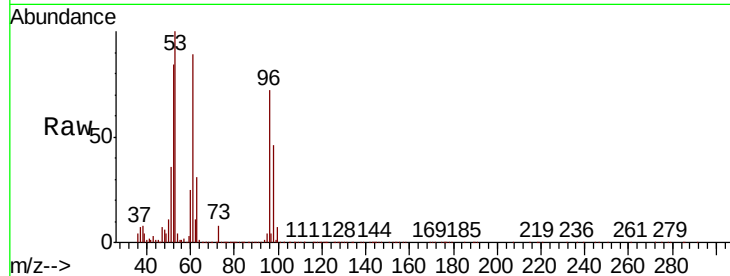
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	277678
Ion	Ratio	Lower	Upper
96	100		
61	123.2	103.7	155.5
98	64.4	51.0	76.6

Manual Integrations
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1/2/2019 10:46:34 AM



#22

Diisopropyl ether

Concen: 52.068 ug/l

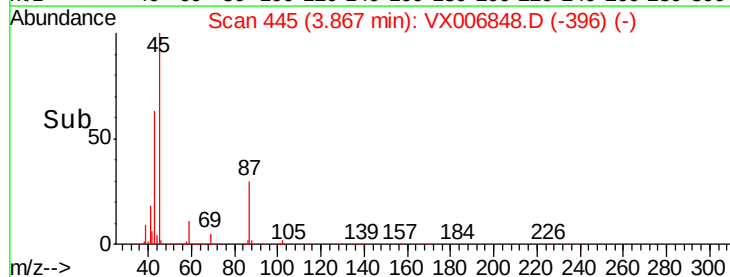
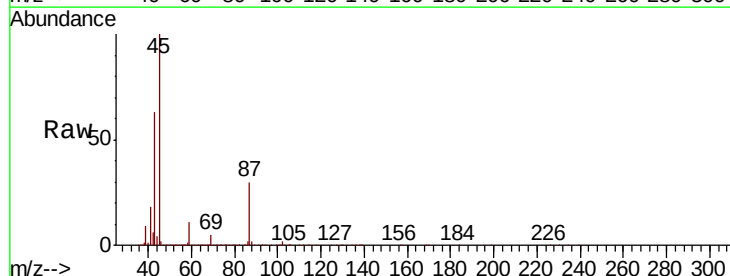
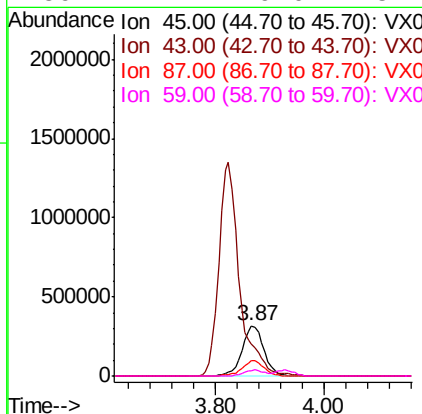
RT: 3.87 min Scan# 445

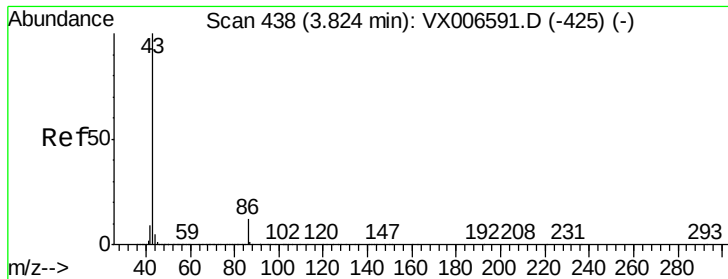
Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion:	45	Resp:	877626
Ion	Ratio	Lower	Upper
45	100		
43	63.1	51.2	76.8
87	30.2	25.8	38.6
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 256.812 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3540712

Ion Ratio Lower Upper

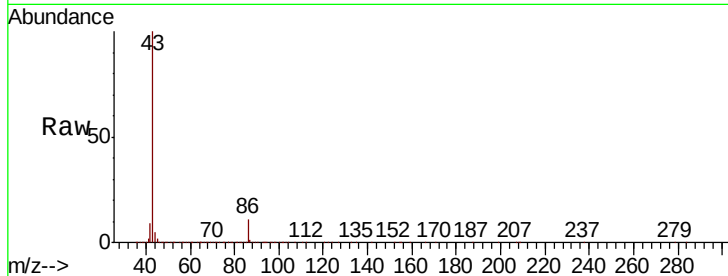
43 100

86 11.4 9.2 13.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

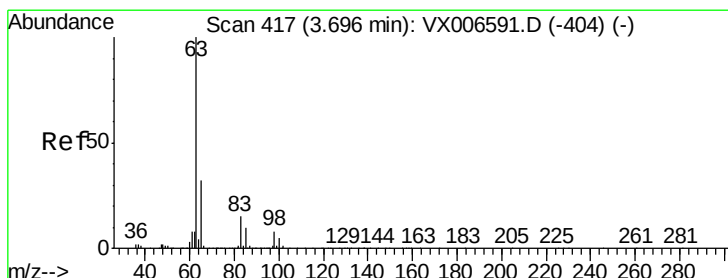
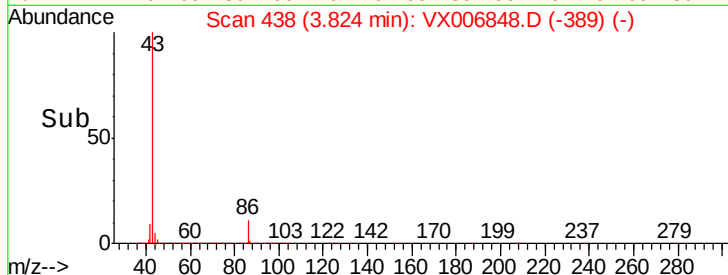
1000000

500000

0

3.82

Time-->



#24

1,1-Dichloroethane

Concen: 49.921 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

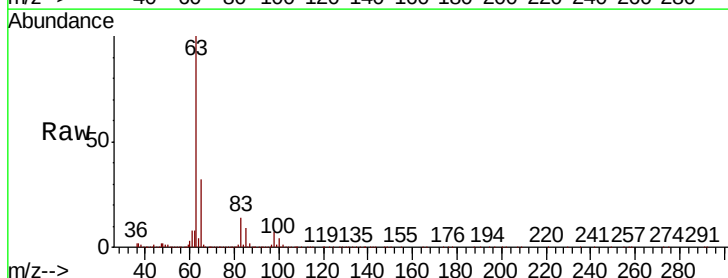
Tgt Ion: 63 Resp: 502302

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

100 4.2 2.4 7.2



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

250000

200000

150000

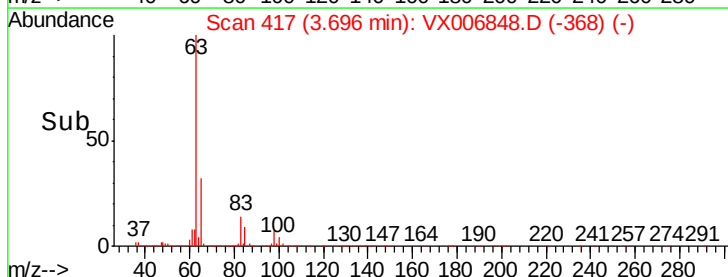
100000

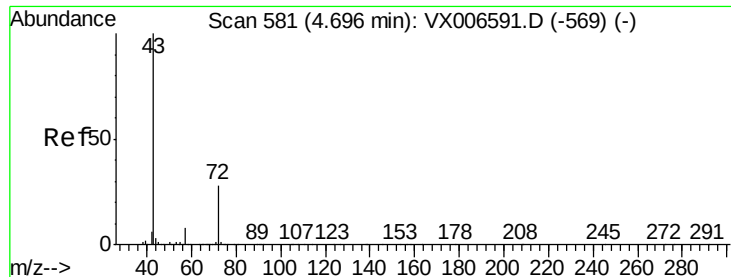
50000

0

3.70

Time-->





#25

2-Butanone

Concen: 247.733 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1057059

Ion Ratio Lower Upper

43 100

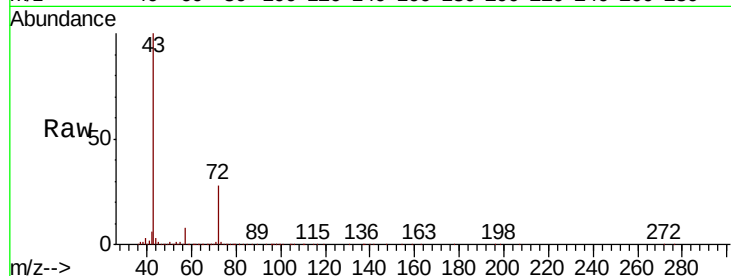
72 27.6 22.4 33.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

400000

300000

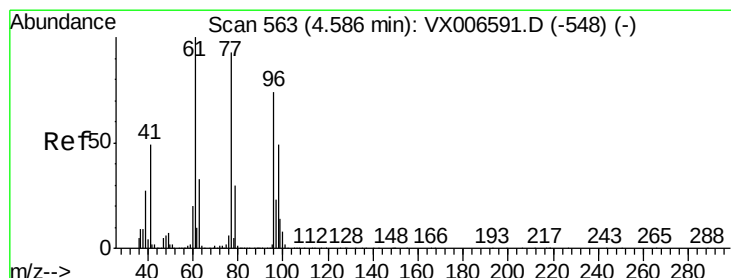
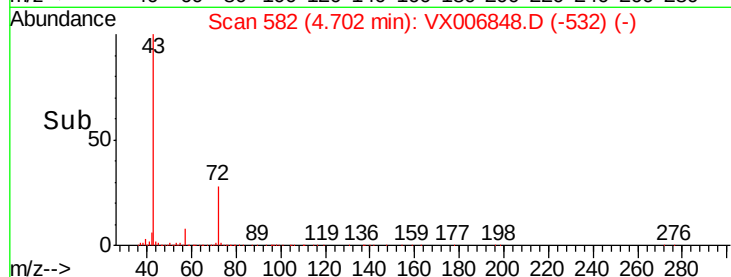
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.421 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006848.D

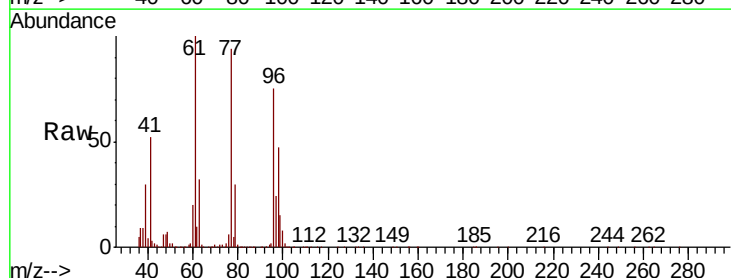
Acq: 28 Dec 2018 09:12

Tgt Ion: 77 Resp: 391895

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

150000

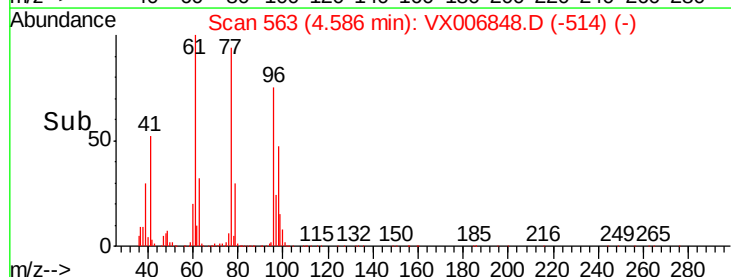
100000

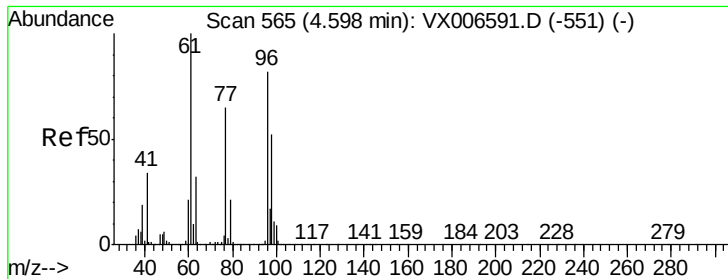
50000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

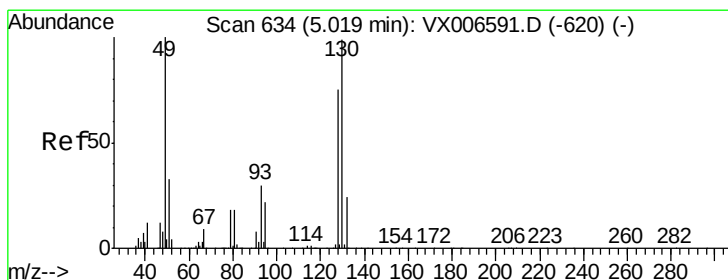
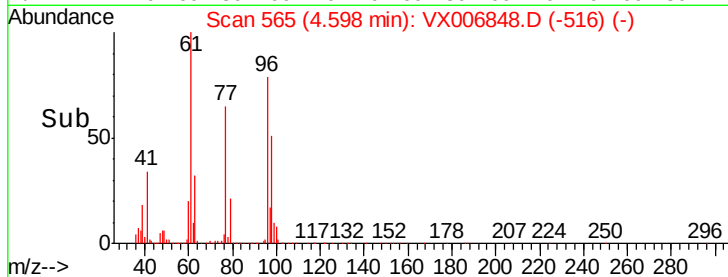
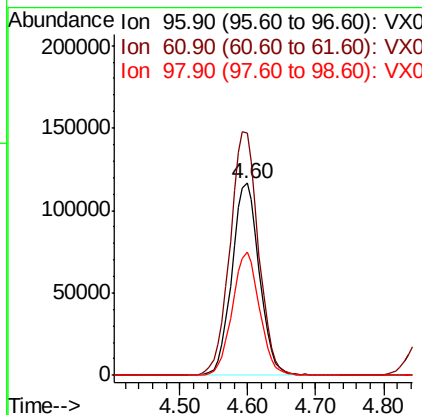
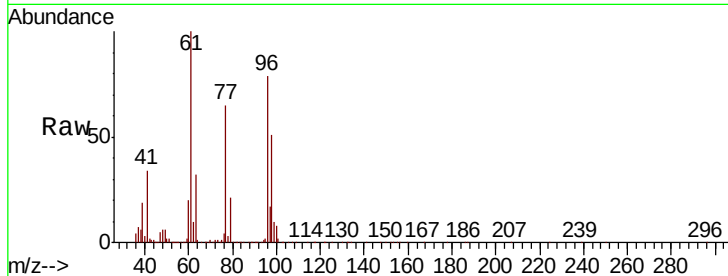
cis-1,2-Dichloroethene
Concen: 48.540 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	324801		
61	131.2		0.0	258.6
98	64.0		0.0	132.0

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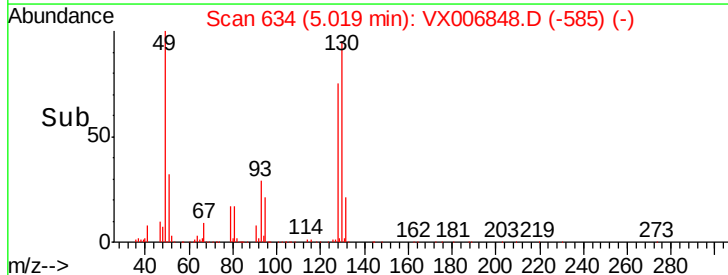
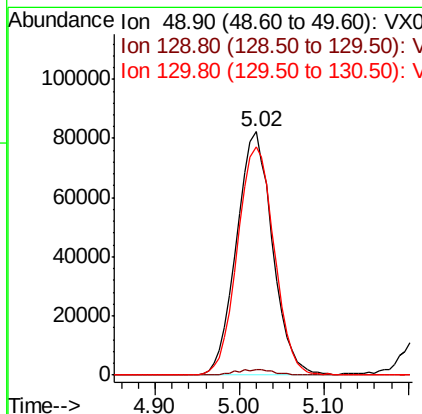
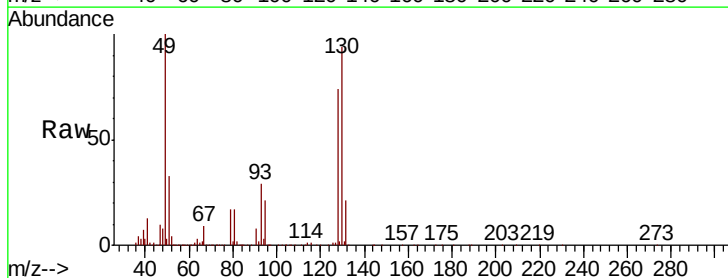
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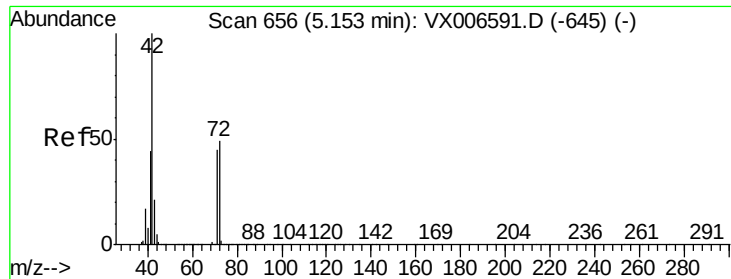


#28

Bromochloromethane
Concen: 56.232 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	237529		
129	2.6		0.0	5.4
130	96.1		77.7	116.5





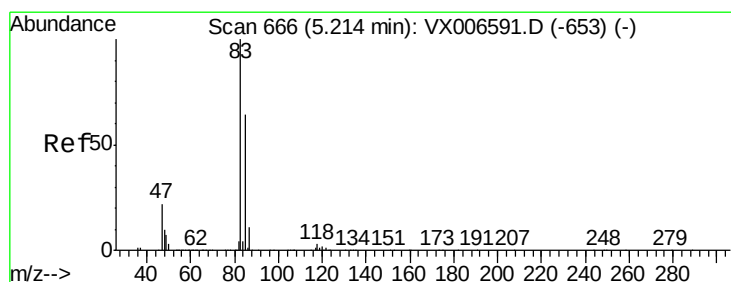
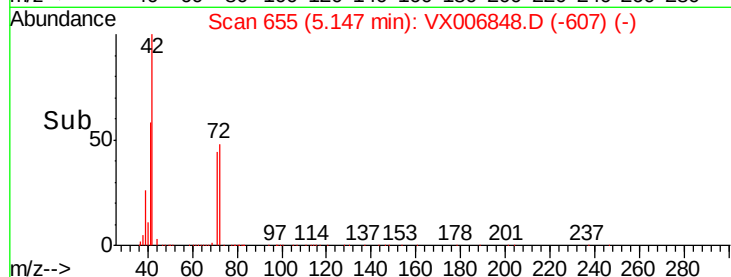
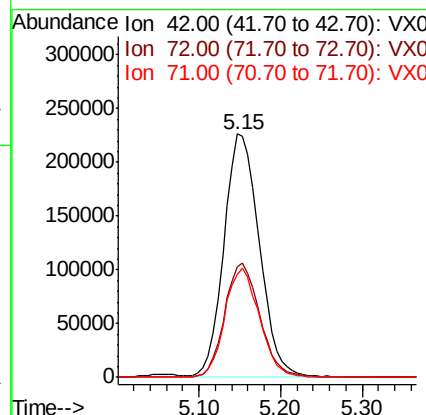
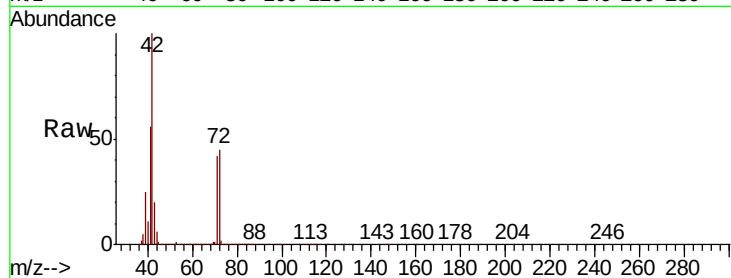
#29
Tetrahydrofuran
Concen: 241.317 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.9	58.3
71	44.2	36.2	54.4

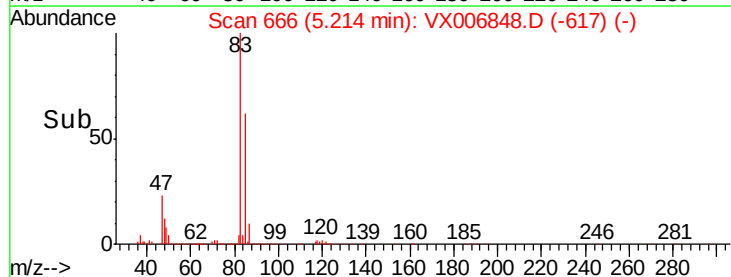
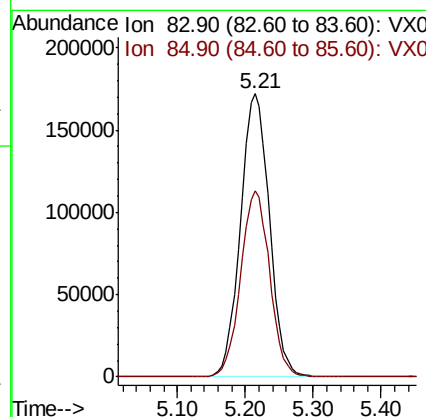
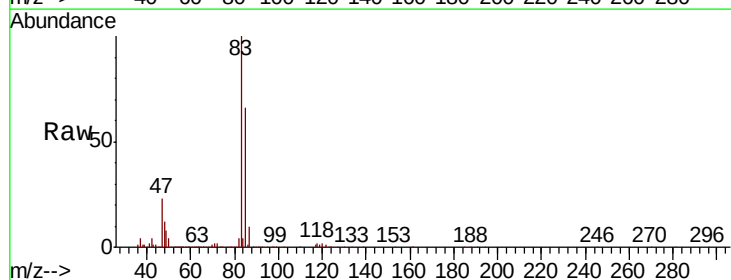
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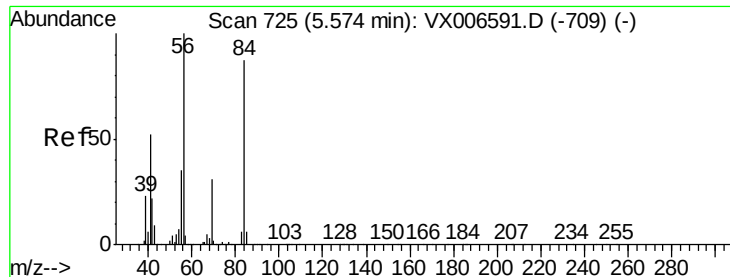
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#30
Chloroform
Concen: 48.703 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.2	76.8





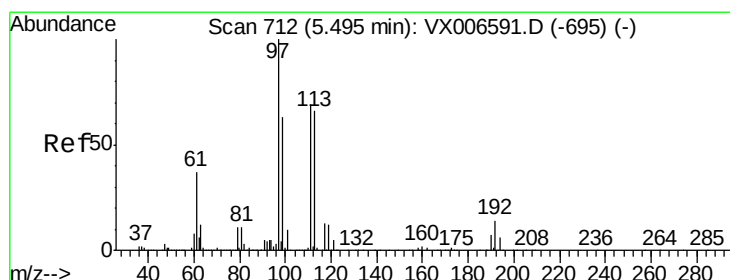
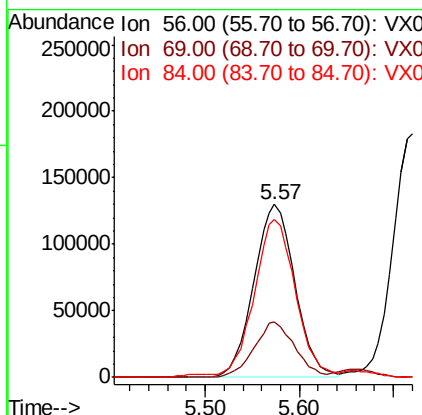
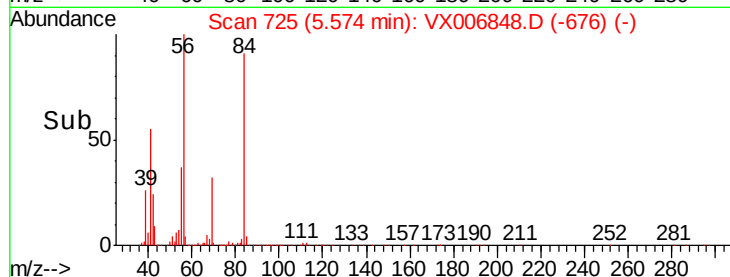
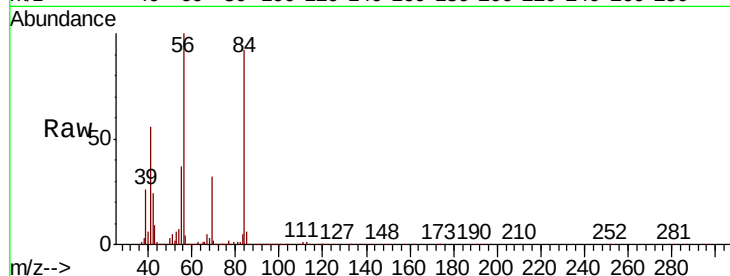
#31
Cyclohexane
Concen: 43.420 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.4	36.6
84	89.9	70.0	105.0

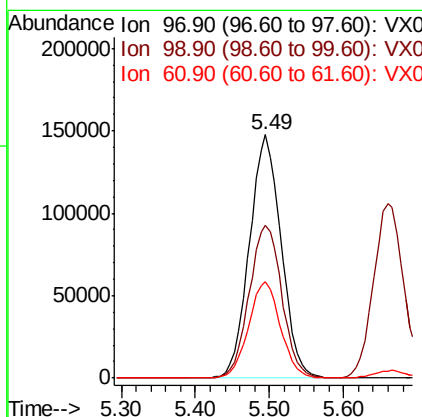
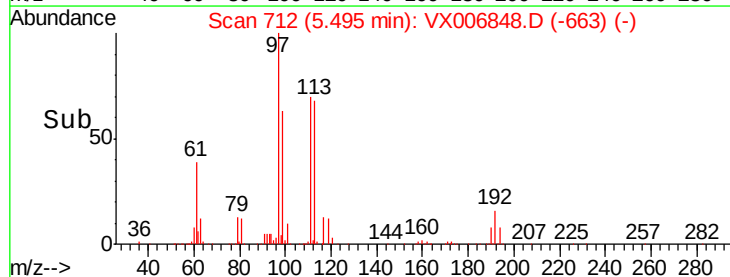
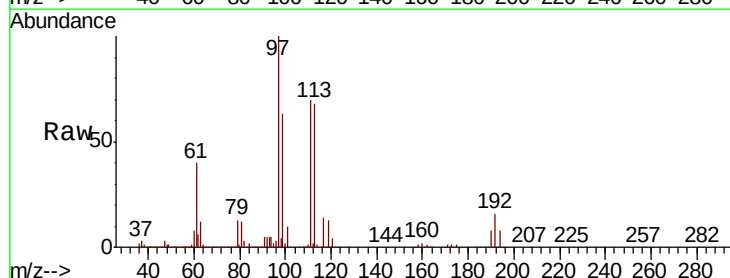
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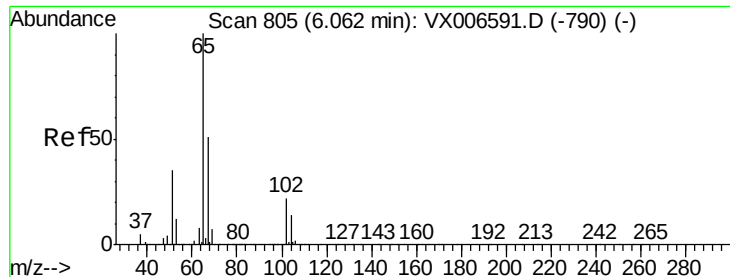
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.202 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	39.8	31.3	46.9





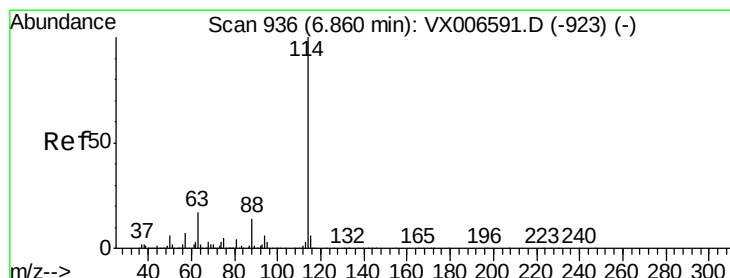
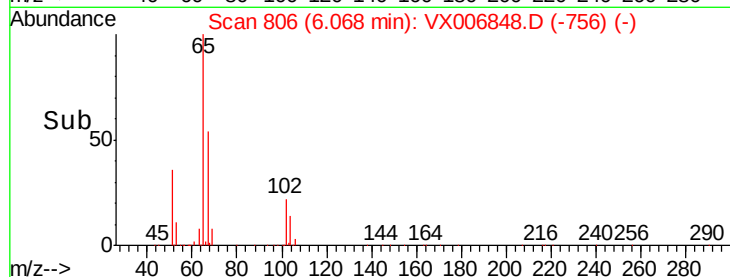
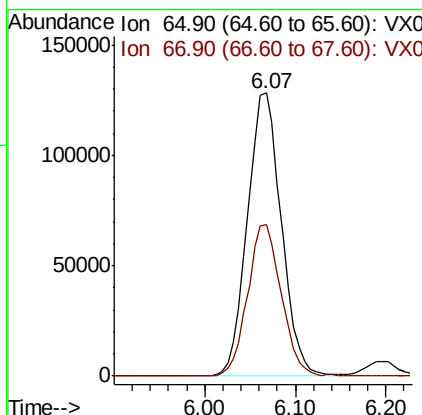
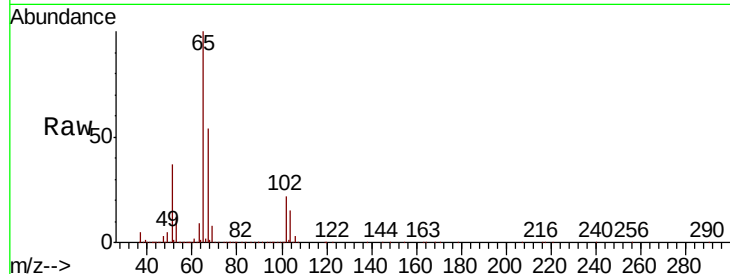
#33
 1,2-Dichloroethane-d4
 Concen: 50.385 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.0

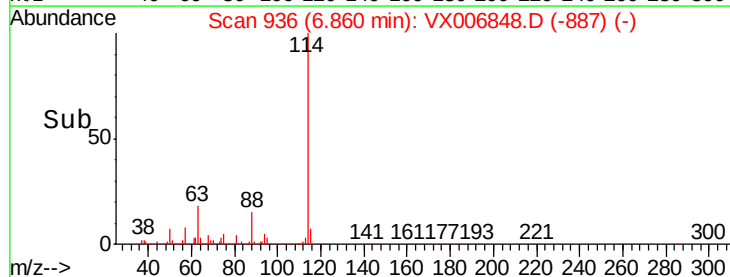
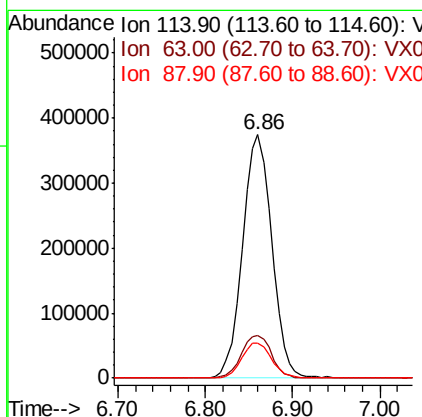
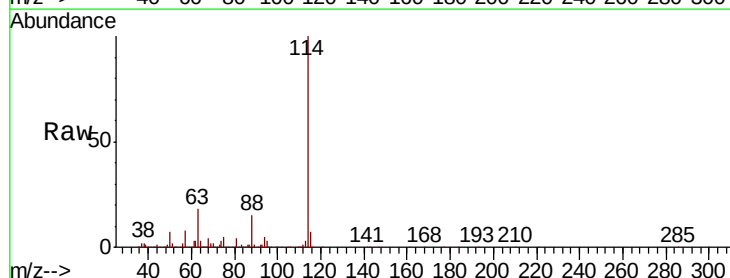
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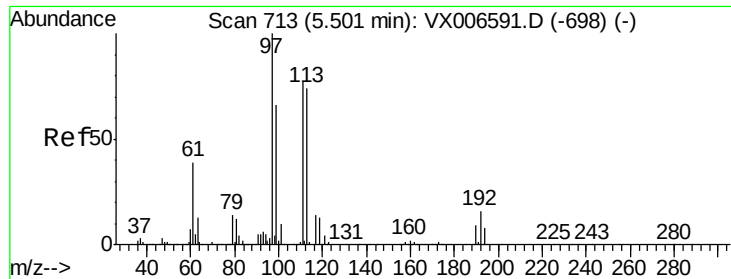
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.8
88	14.6	0.0	28.8





#35

Dibromofluoromethane

Concen: 56.252 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

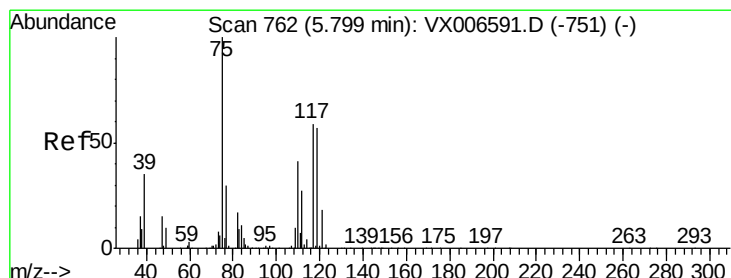
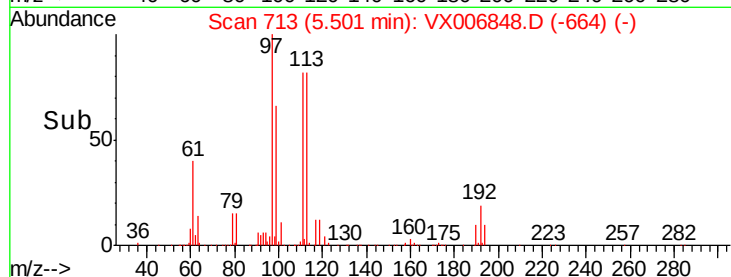
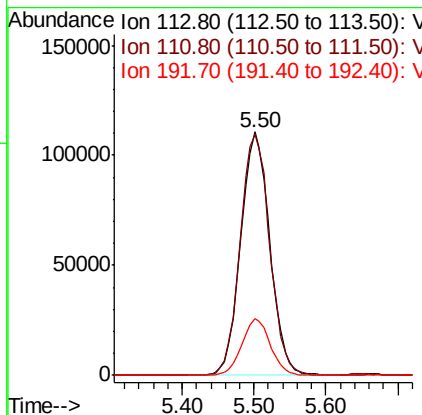
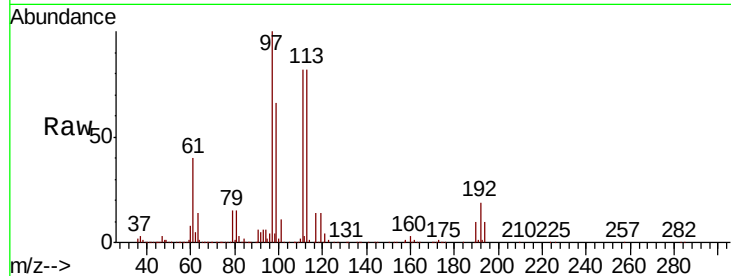
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	310169
Ion Ratio	Lower	Upper	
113	100		
111	100.6	81.6	122.4
192	22.8	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.417 ug/l

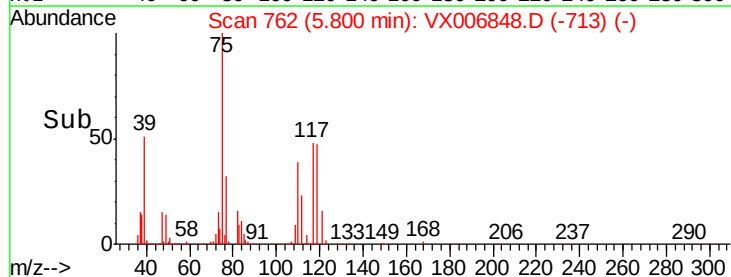
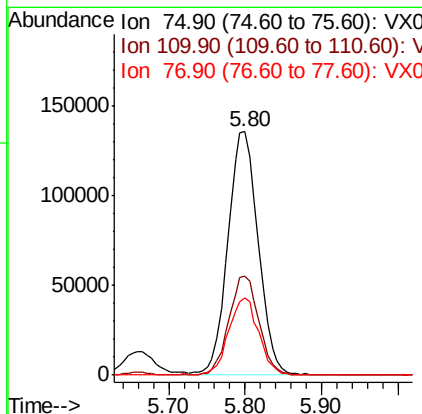
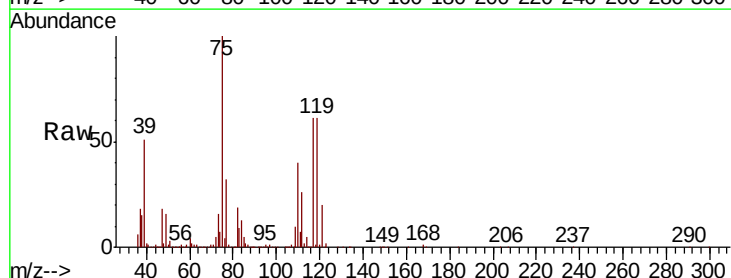
RT: 5.80 min Scan# 762

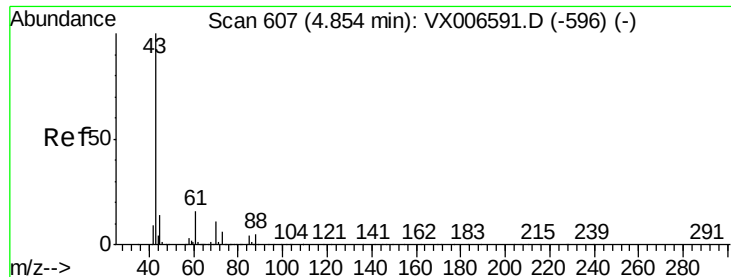
Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion:	75	Resp:	371309
Ion Ratio	Lower	Upper	
75	100		
110	40.0	20.2	60.5
77	31.3	24.8	37.2





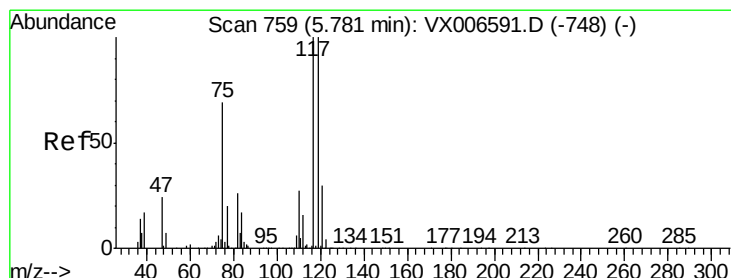
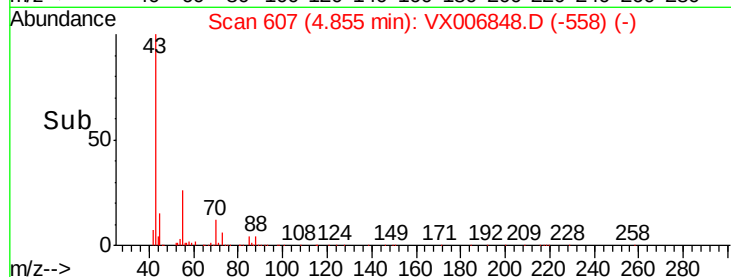
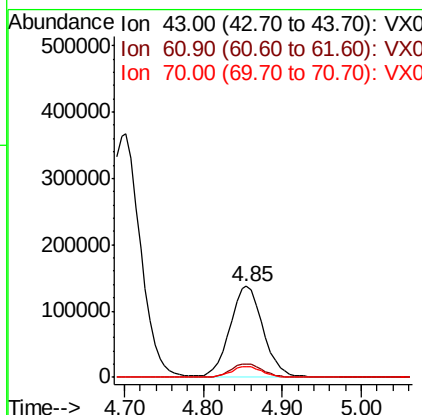
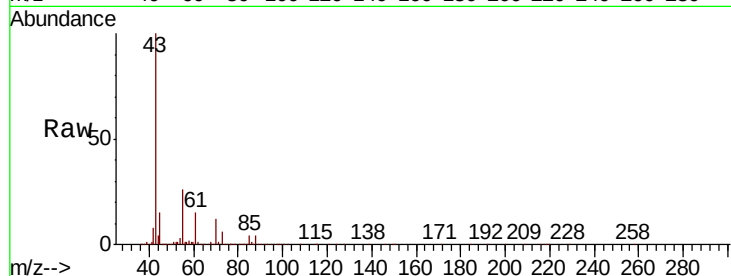
#37
Ethyl Acetate
Concen: 53.519 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	11.5	9.7	14.5

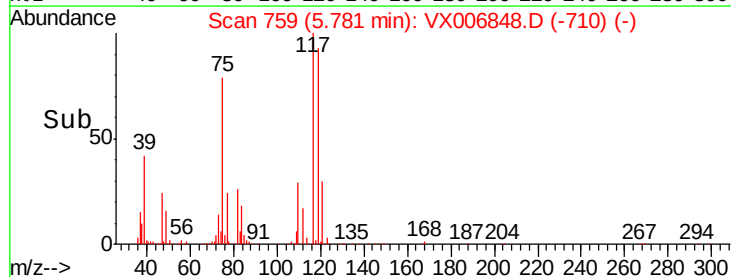
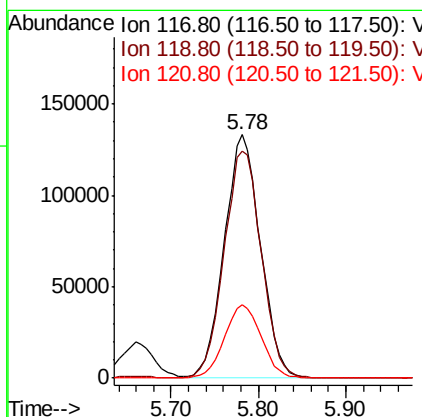
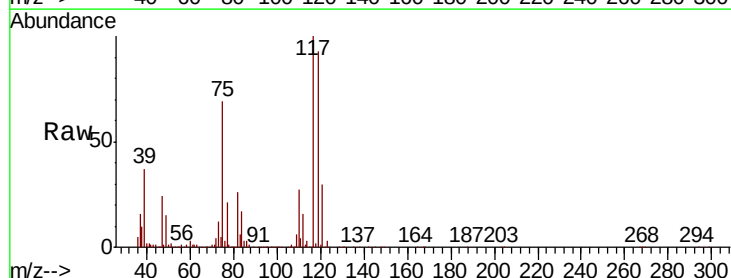
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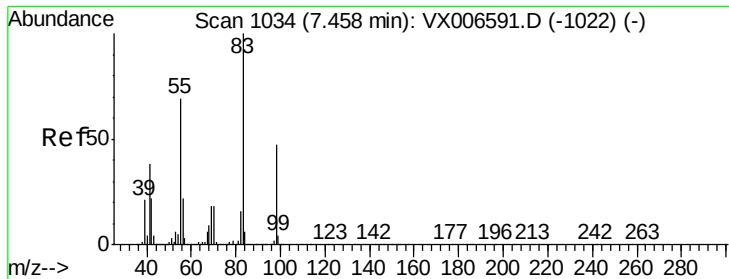
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#38
Carbon Tetrachloride
Concen: 54.201 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	79.4	119.2
121	30.2	24.0	36.0





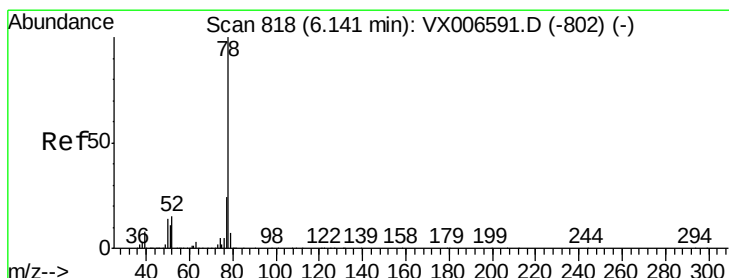
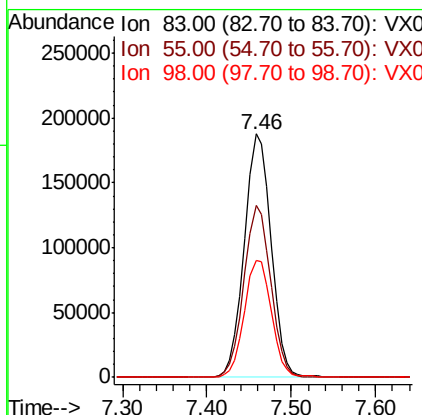
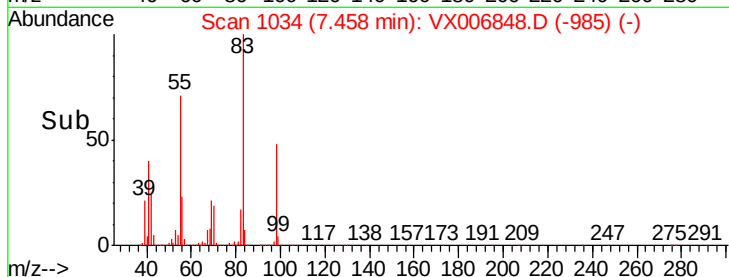
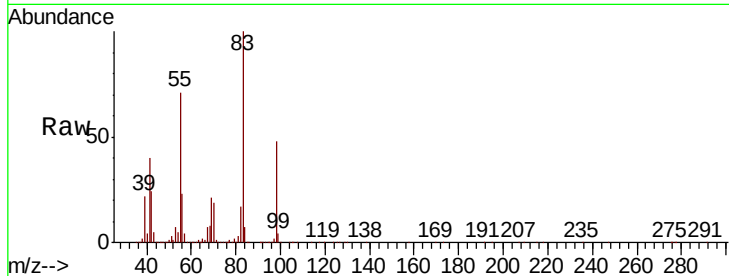
#39
Methylvlcyclohexane
Concen: 42.297 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	54.9	82.3
98	47.8	37.9	56.9

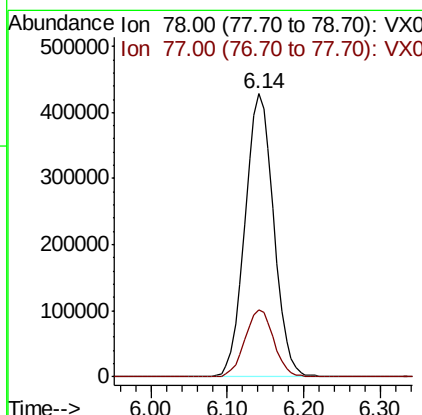
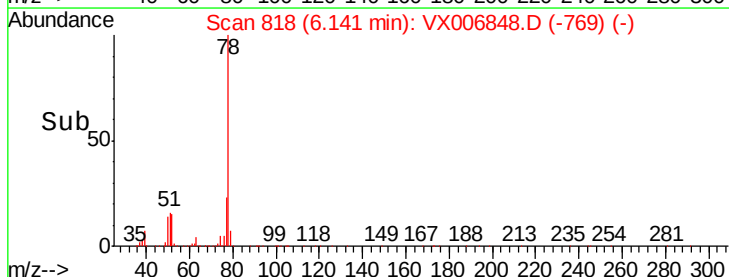
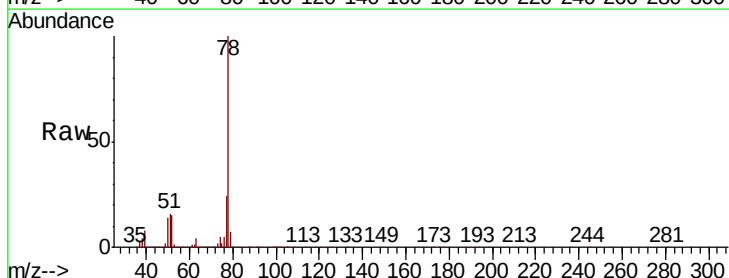
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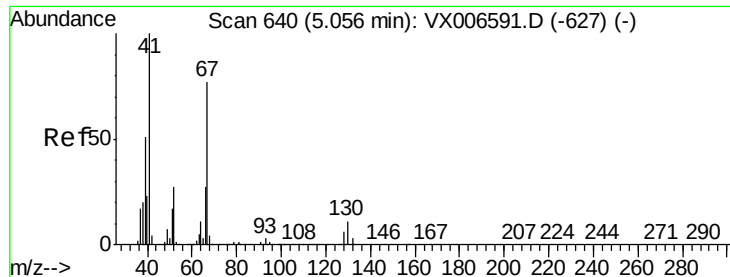
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#40
Benzene
Concen: 50.966 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





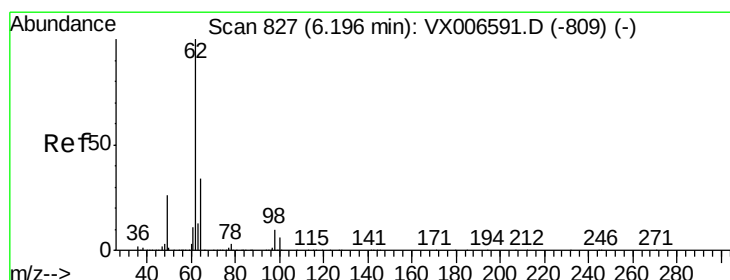
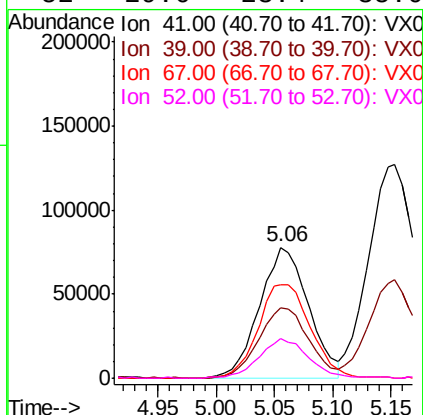
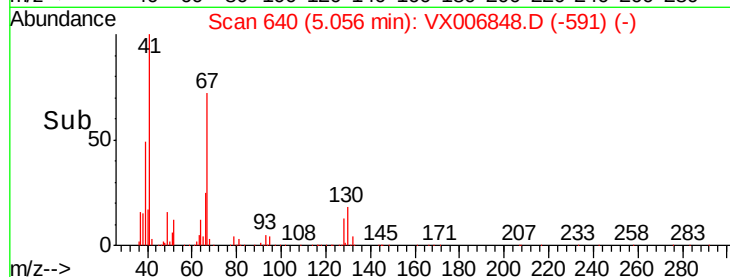
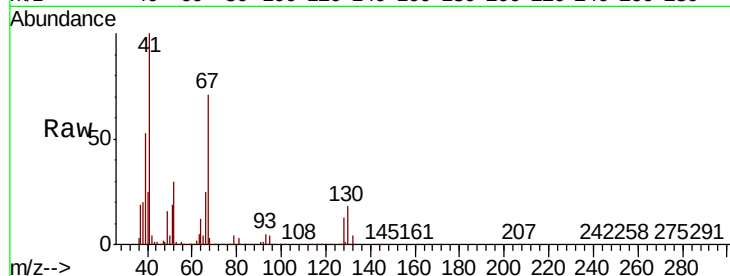
#41
Methacrylonitrile
Concen: 57.069 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.8	64.2
67	76.2	62.1	93.1
52	29.6	23.4	35.0

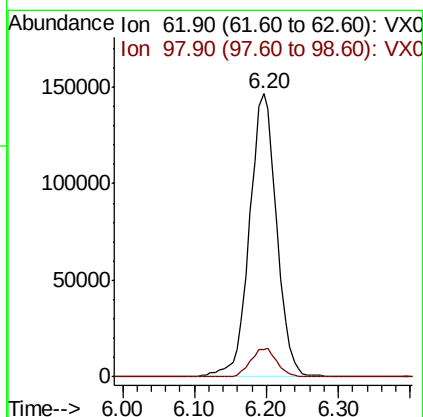
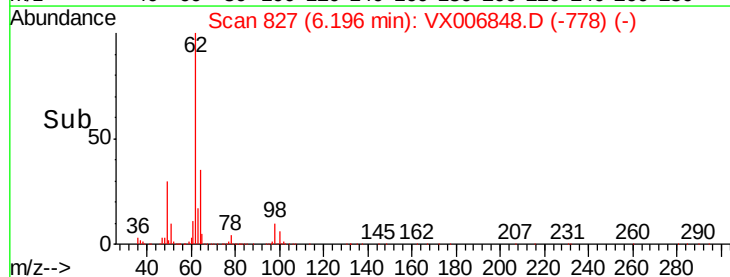
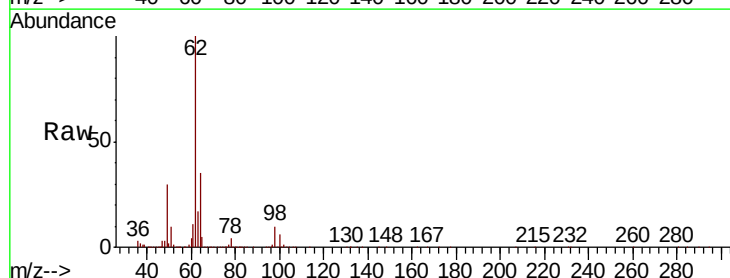
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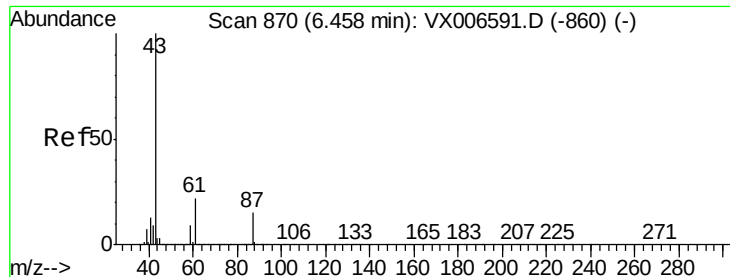
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#42
1,2-Dichloroethane
Concen: 50.980 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 57.927 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

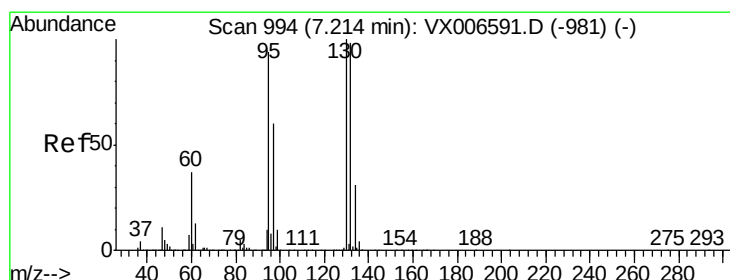
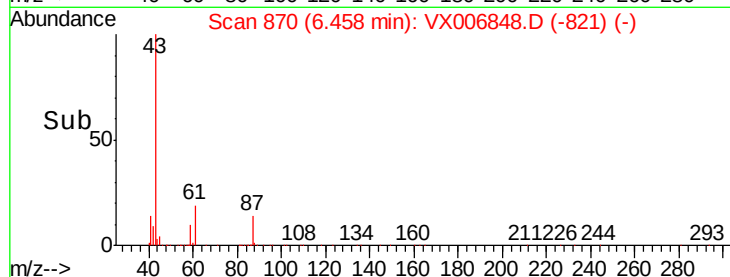
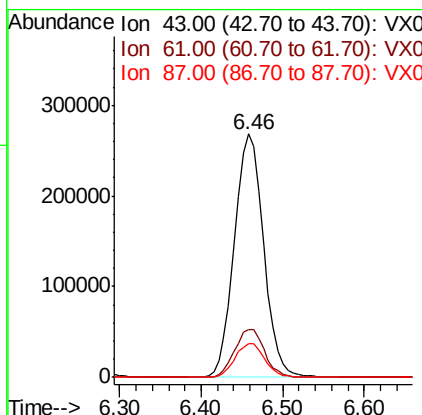
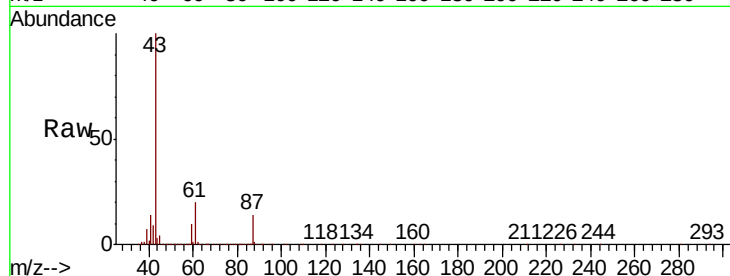
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	662476
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.2	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 50.032 ug/l

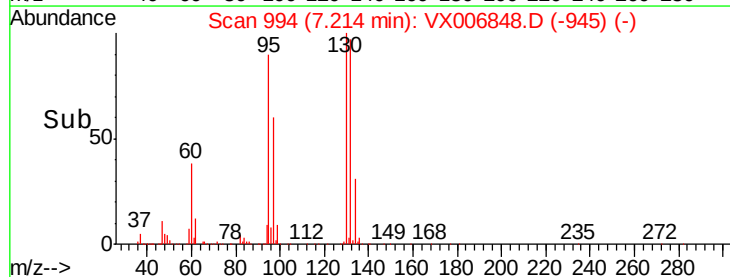
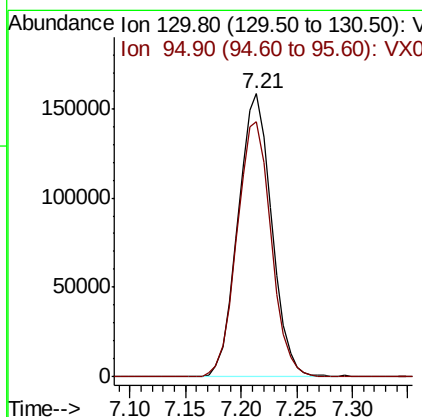
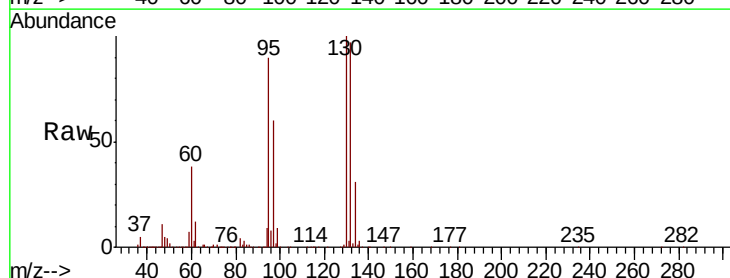
RT: 7.21 min Scan# 994

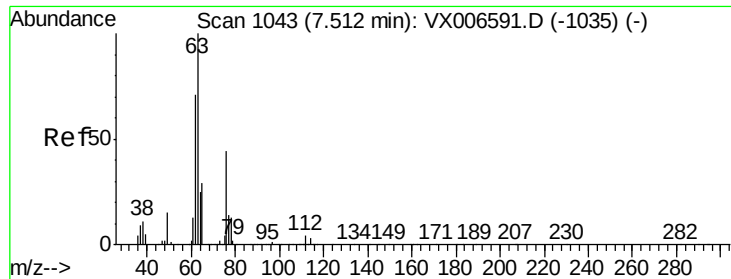
Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion:	130	Resp:	332412
Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	187.0





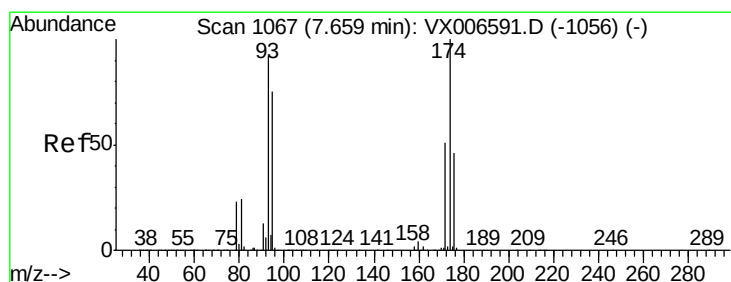
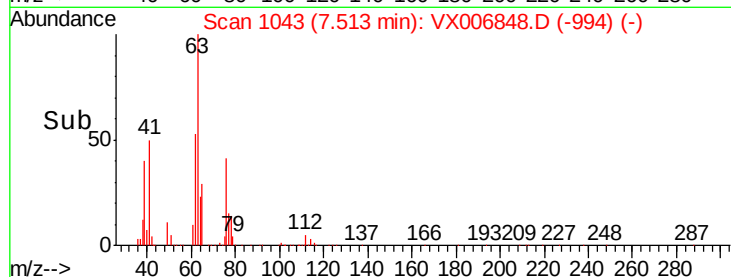
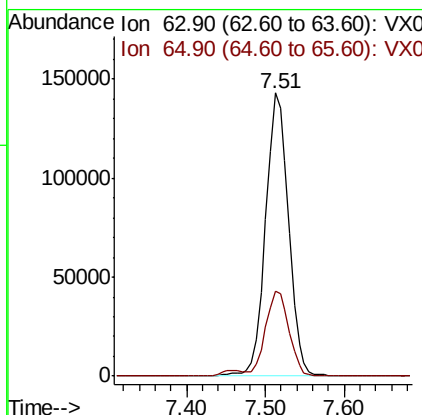
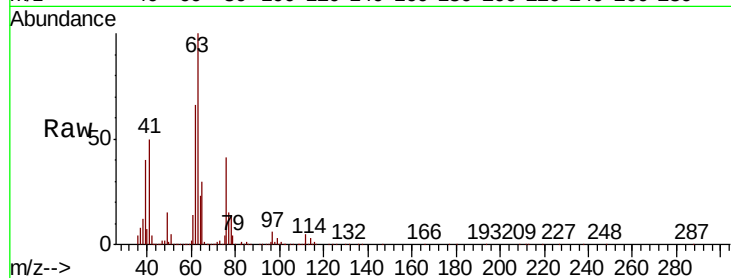
#45
 1,2-Dichloropropane
 Concen: 54.375 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.4	38.0

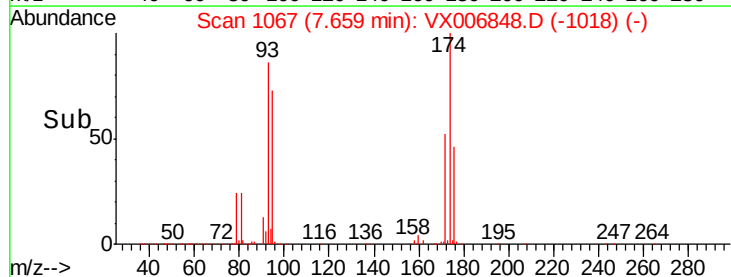
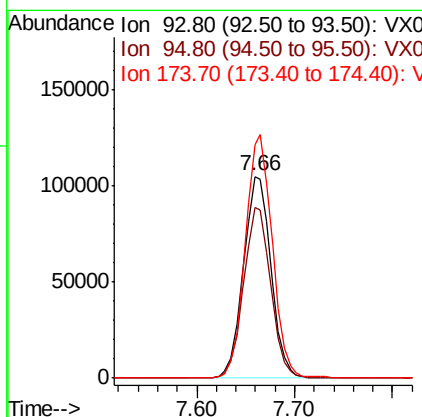
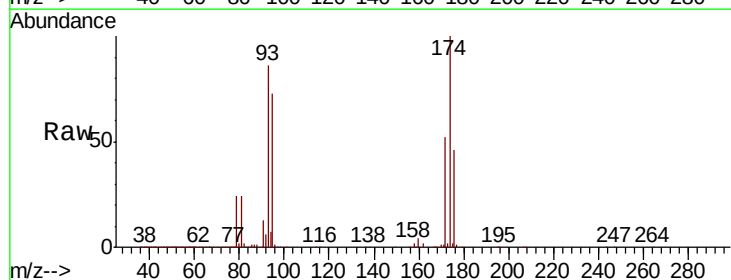
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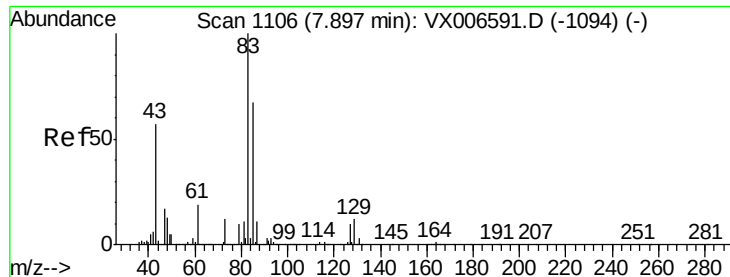
MMDadoda
 1/2/2019 10:46:34 AM



#46
 Dibromomethane
 Concen: 51.963 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.2	99.4
174	118.7	91.0	136.4





#47

Bromodichloromethane

Concen: 57.146 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

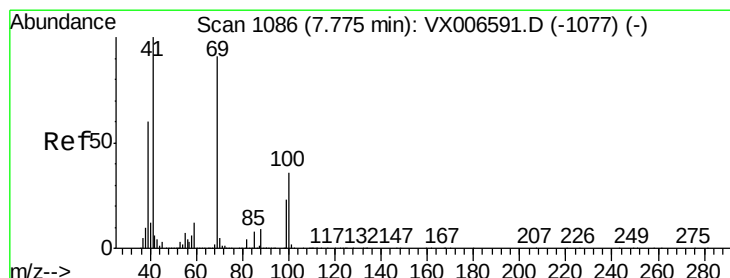
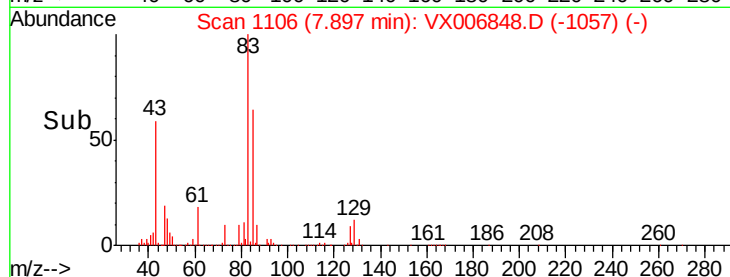
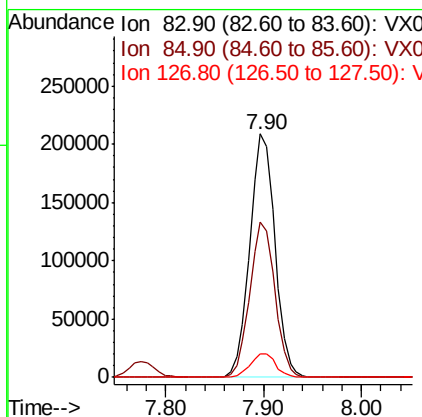
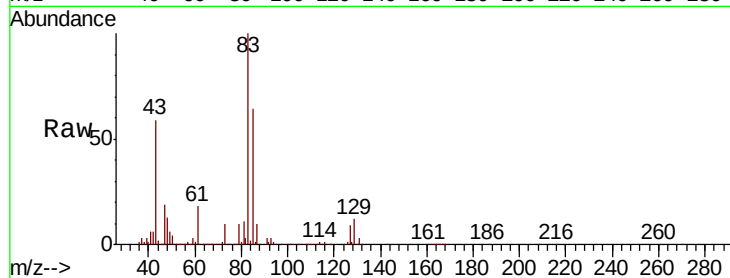
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	372779
Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.2	79.8
127	9.5	7.8	11.6

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MMDadoda
1/2/2019 10:46:34 AM



#48

Methyl methacrylate

Concen: 57.204 ug/l

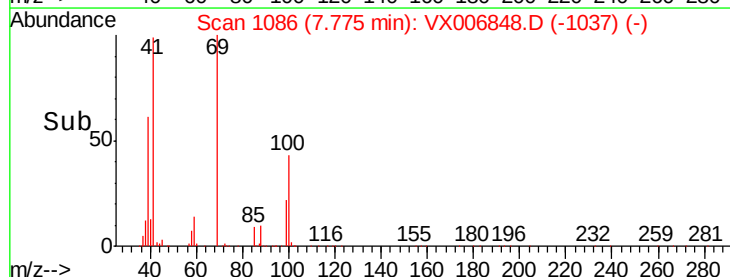
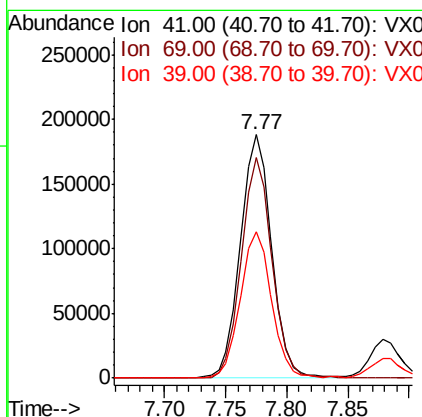
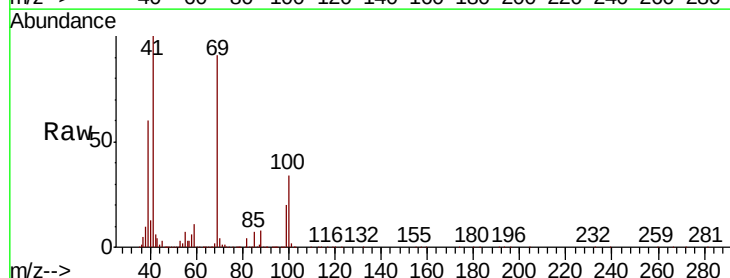
RT: 7.77 min Scan# 1086

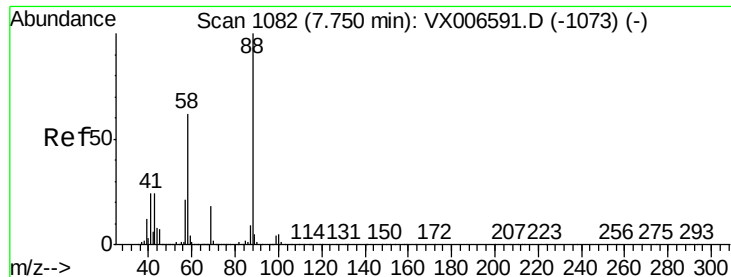
Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion:	41	Resp:	332683
Ion	Ratio	Lower	Upper
41	100		
69	89.4	72.4	108.6
39	60.2	45.8	68.8





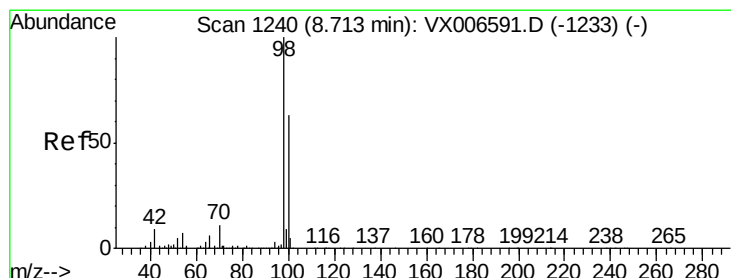
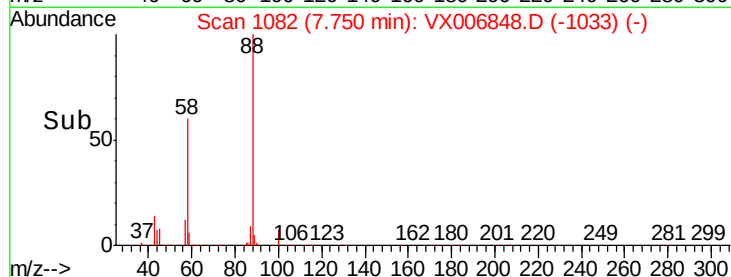
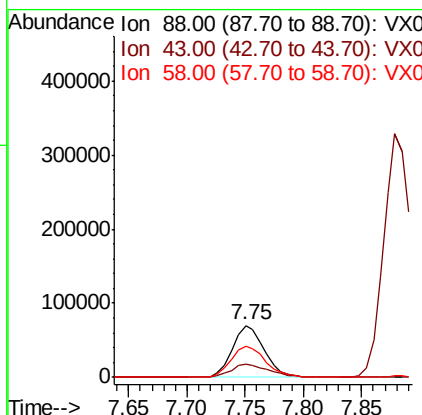
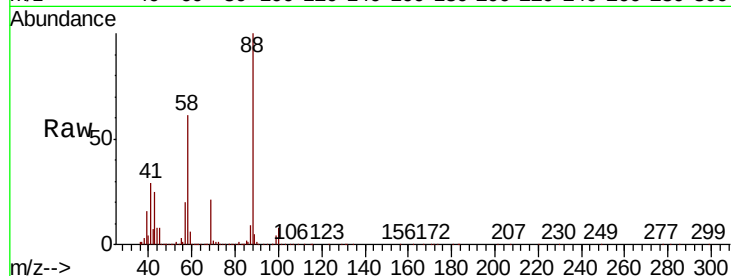
#49
1,4-Dioxane
Concen: 870.107 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.2	33.4
58	65.7	51.0	76.4

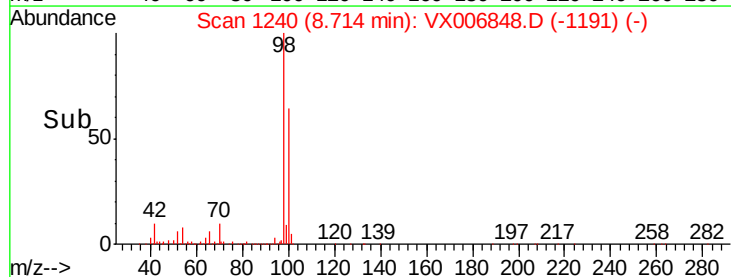
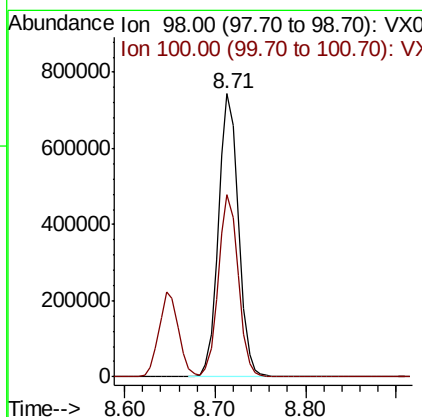
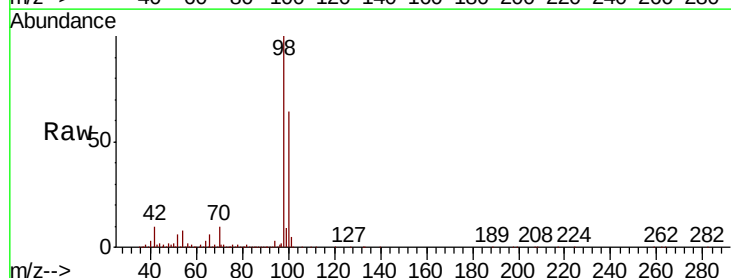
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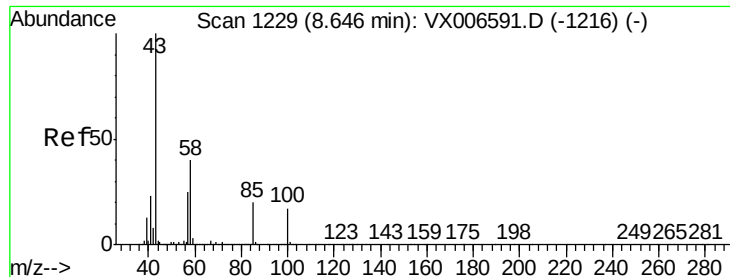
MMDadoda
1/2/2019 10:46:34 AM



#50
Toluene-d8
Concen: 55.128 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 281.985 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2051911

Ion Ratio Lower Upper

43 100

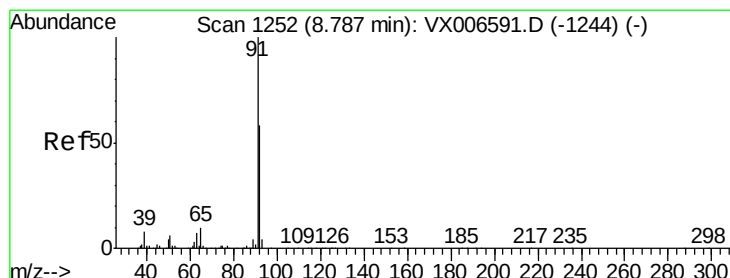
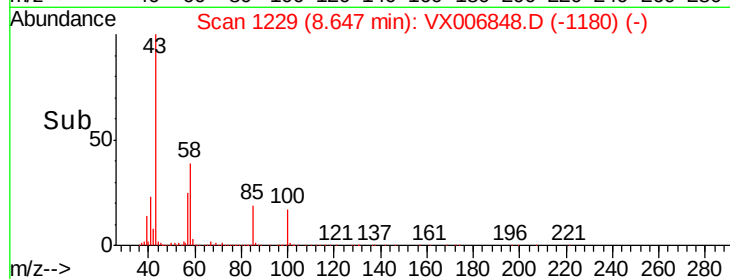
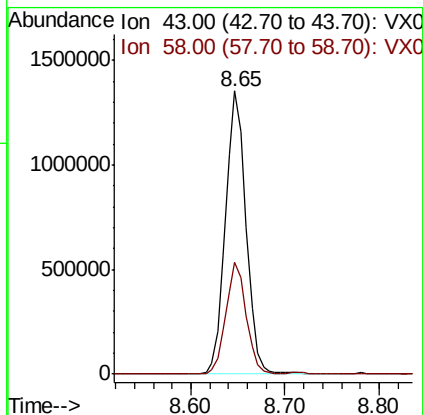
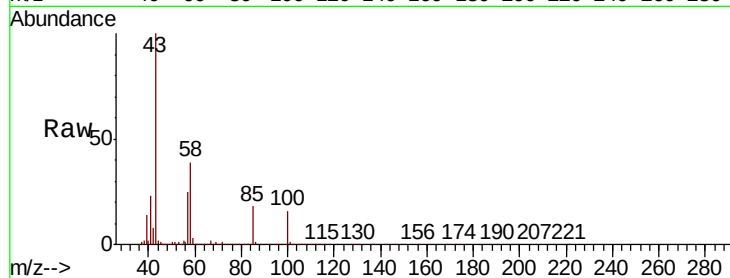
58 38.8 31.8 47.6

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#52

Toluene

Concen: 52.491 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006848.D

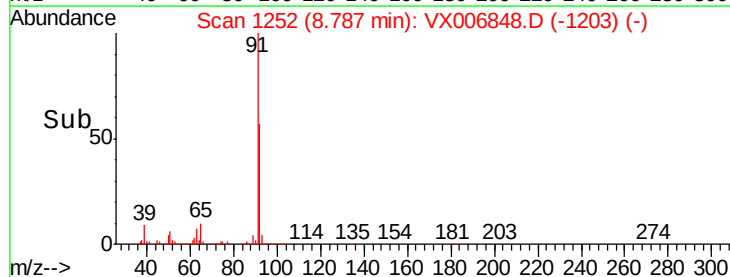
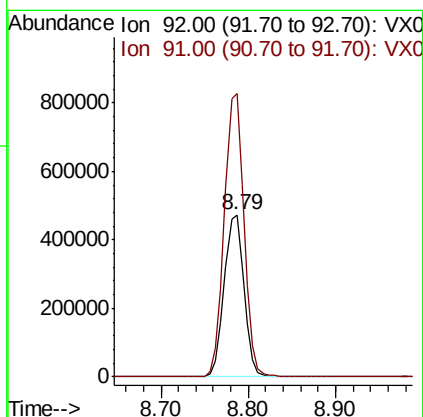
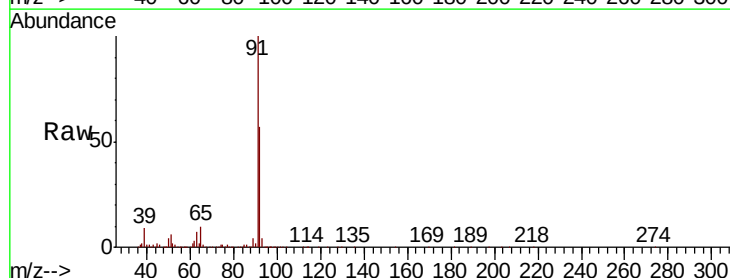
Acq: 28 Dec 2018 09:12

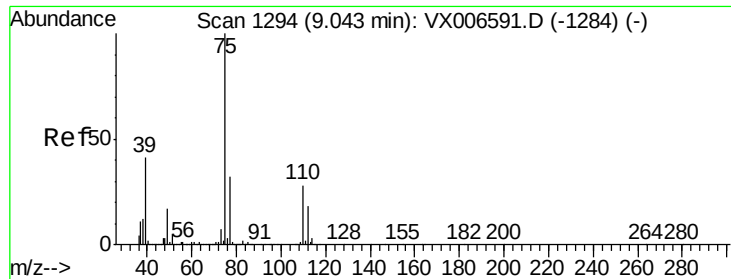
Tgt Ion: 92 Resp: 744391

Ion Ratio Lower Upper

92 100

91 173.2 137.6 206.4





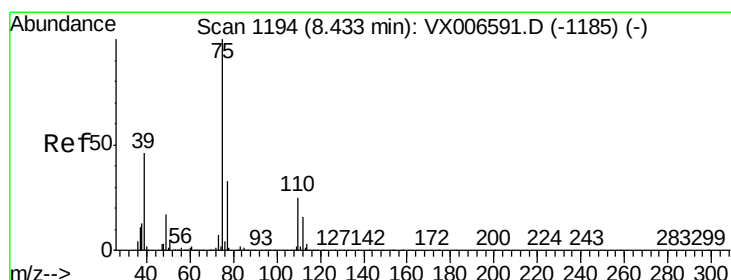
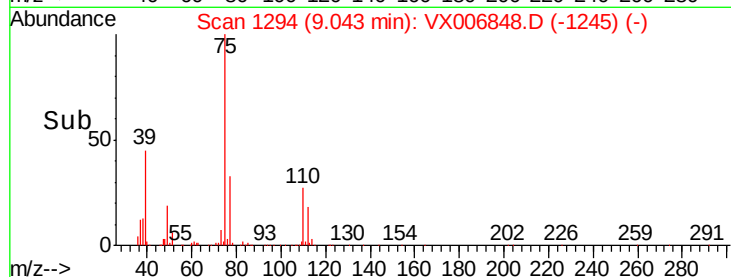
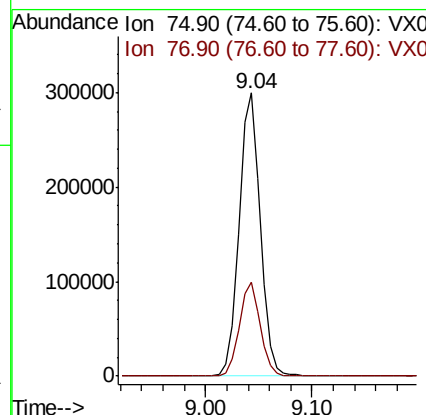
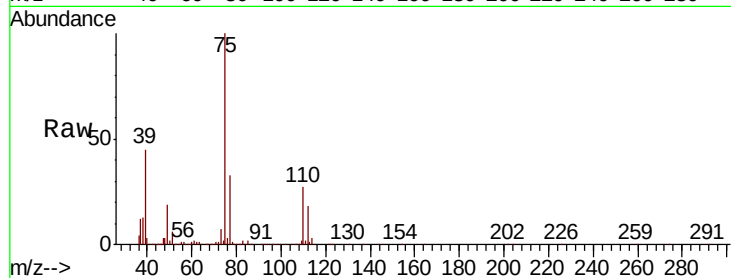
#53
t-1,3-Dichloropropene
Concen: 59.832 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.4	38.0

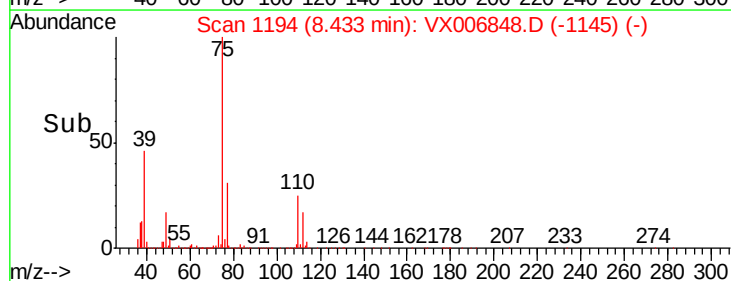
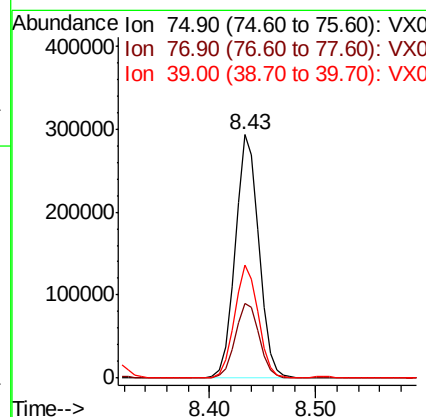
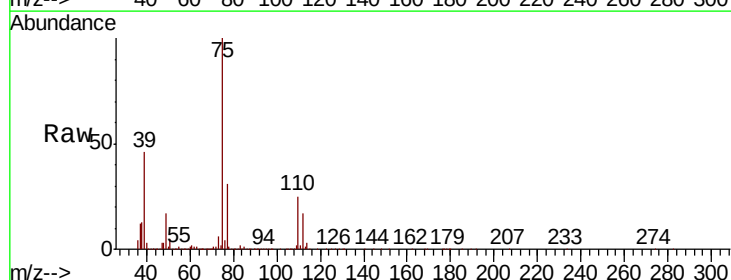
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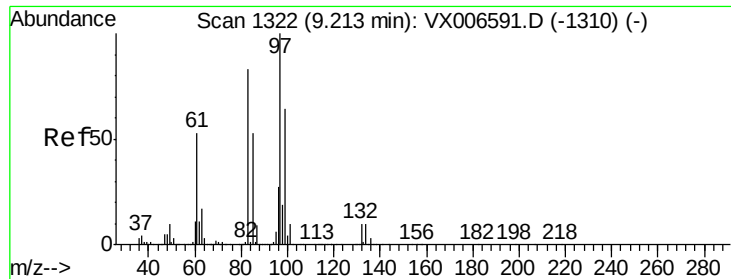
MMDadoda
1/2/2019 10:46:34 AM



#54
cis-1,3-Dichloropropene
Concen: 59.430 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.2	39.2
39	46.1	36.7	55.1





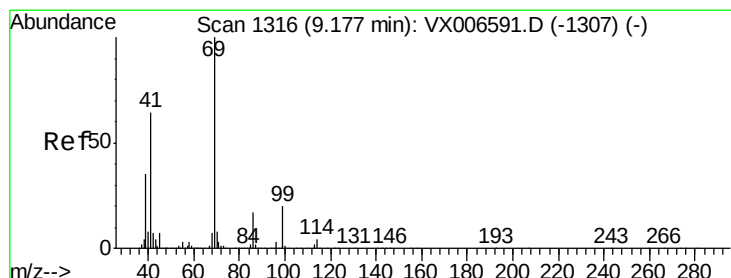
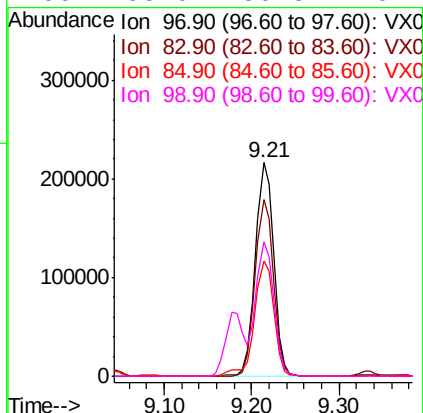
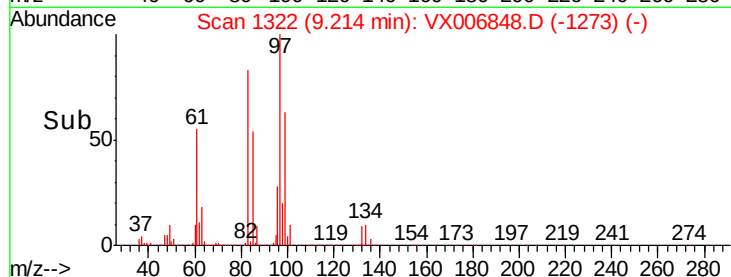
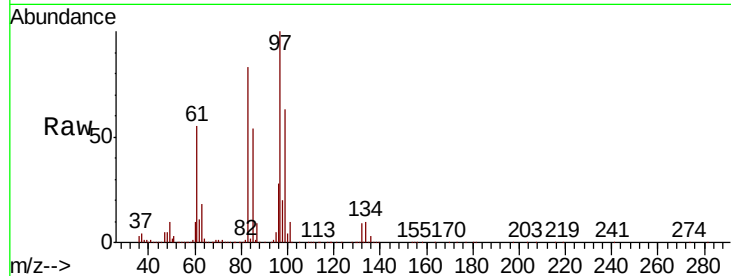
#55
 1,1,2-Trichloroethane
 Concen: 54.226 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	314764
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.6	99.8
85	53.7	42.7	64.1
99	63.0	50.8	76.2

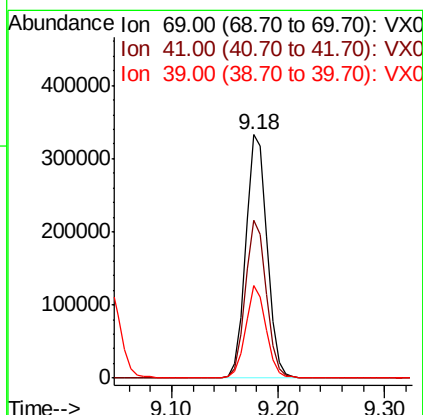
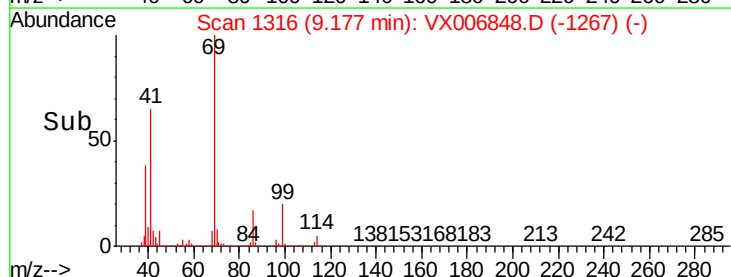
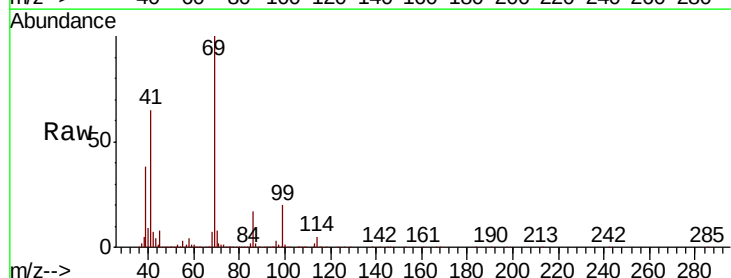
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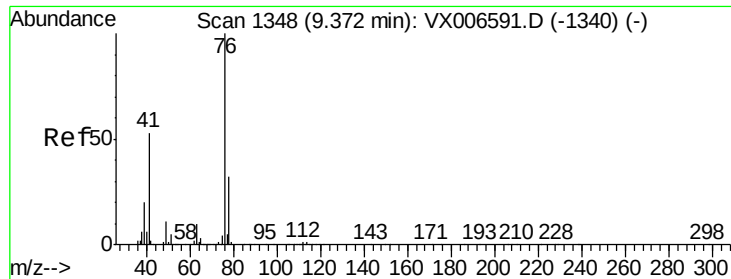
MMDadoda
 1/2/2019 10:46:34 AM



#56
 Ethyl methacrylate
 Concen: 57.109 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion:	69	Resp:	468529
Ion	Ratio	Lower	Upper
69	100		
41	63.5	48.7	73.1
39	36.4	27.0	40.6





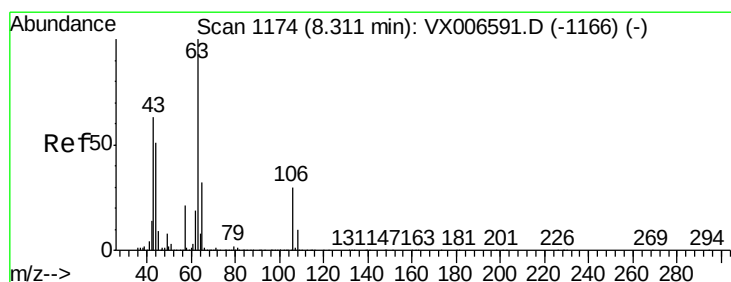
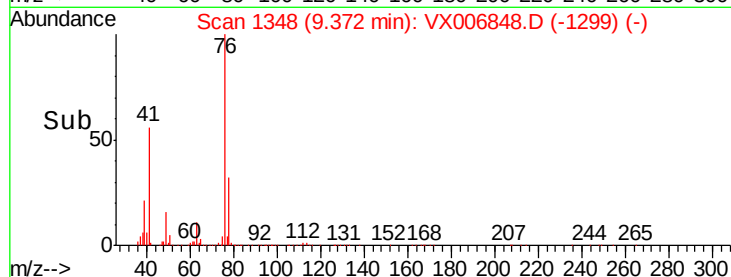
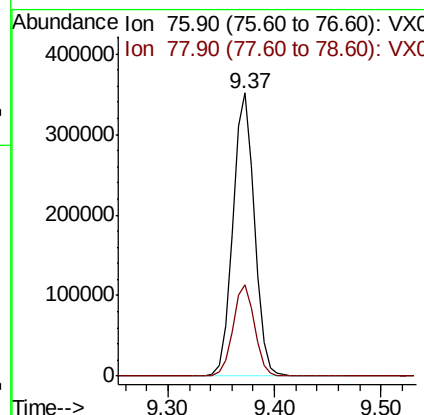
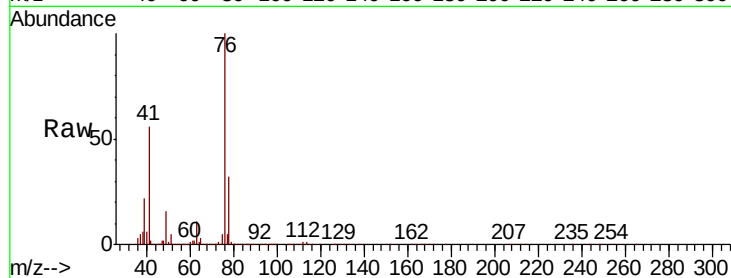
#57
 1,3-Dichloropropane
 Concen: 53.400 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0

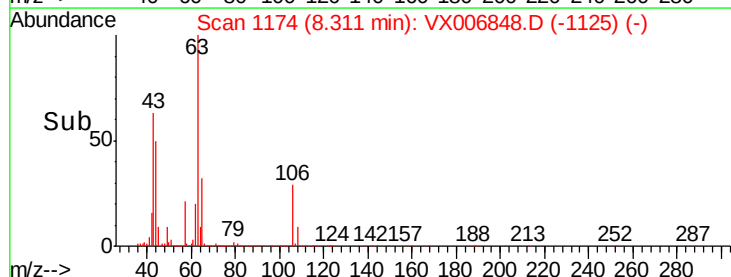
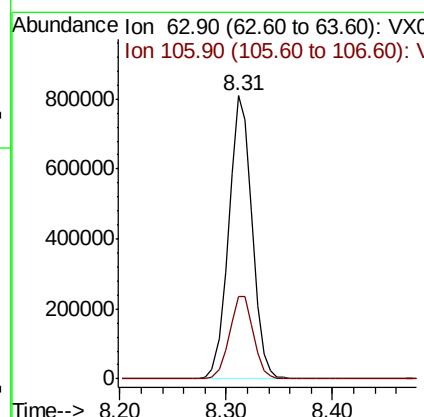
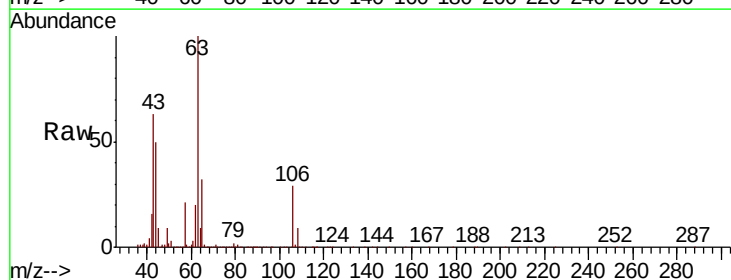
Manual Integrations
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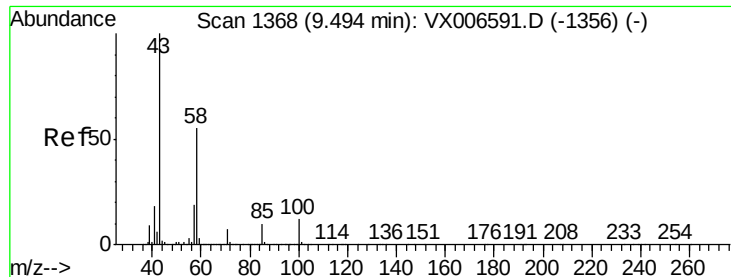
MMDadoda
 1/2/2019 10:46:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.311 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.6	36.8





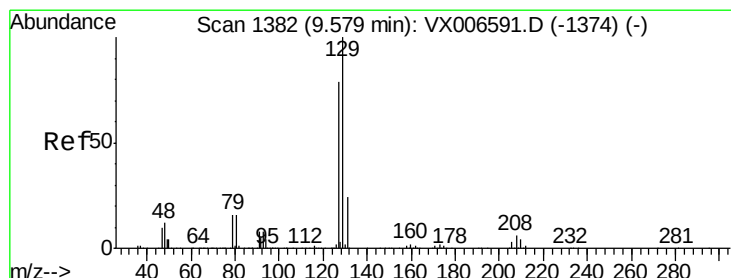
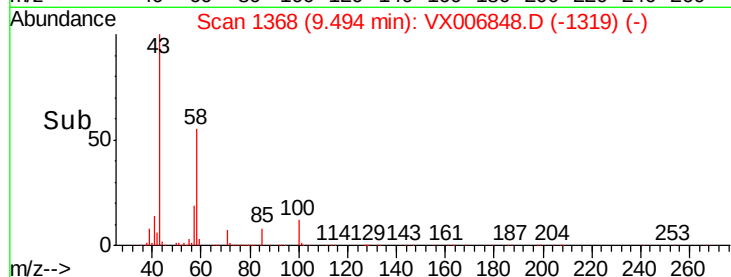
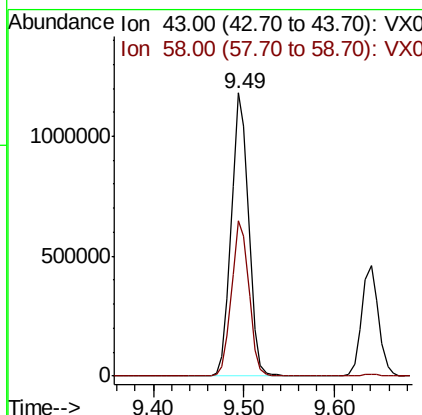
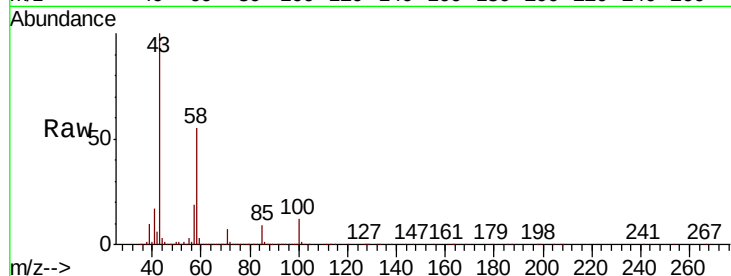
#59
2-Hexanone
Concen: 281.730 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1568533
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

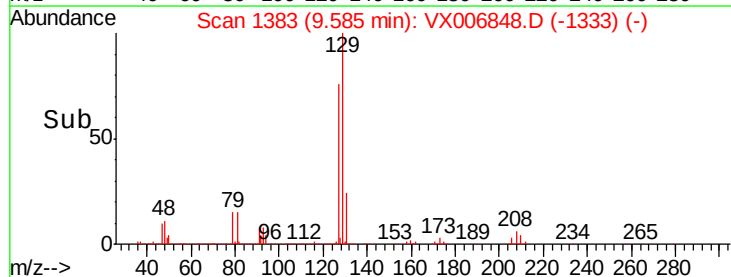
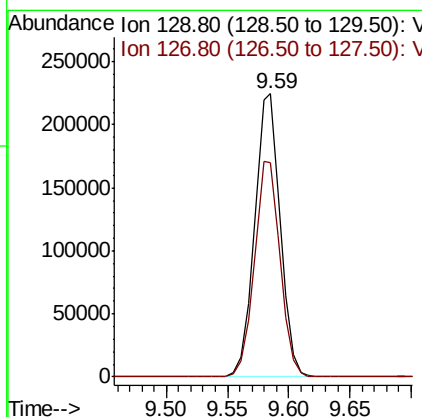
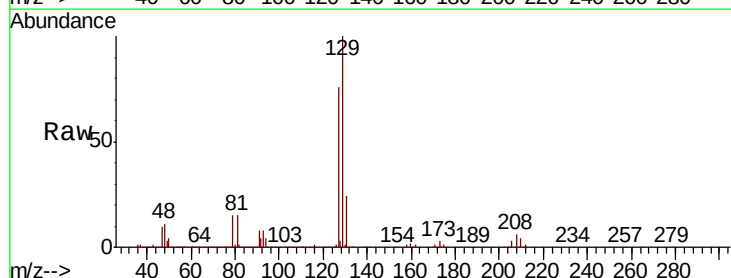
Manual Integrations
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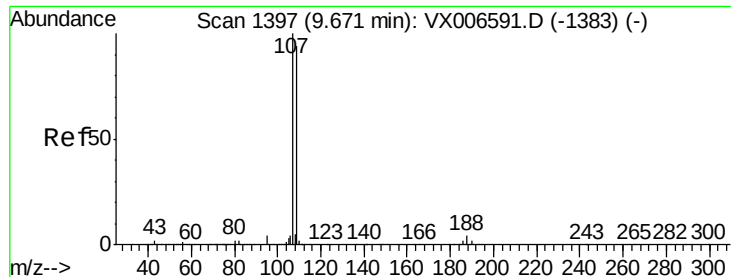
MMDadoda
1/2/2019 10:46:34 AM



#60
Dibromochloromethane
Concen: 53.784 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 129 Resp: 327644
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.8





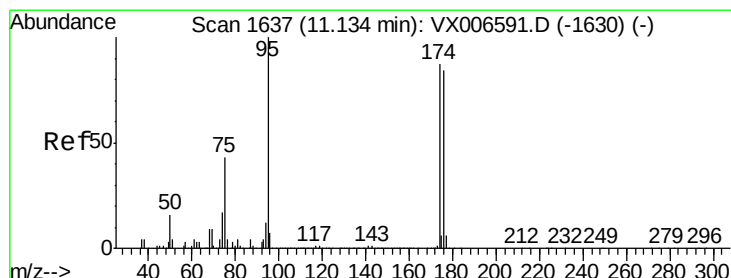
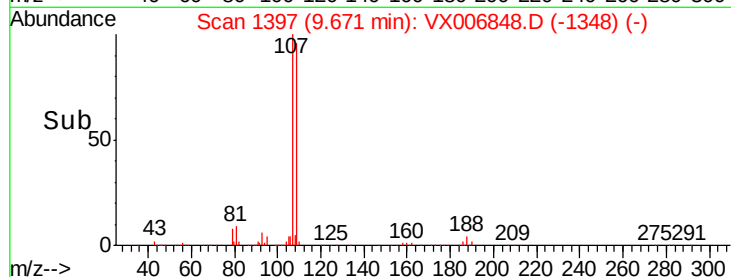
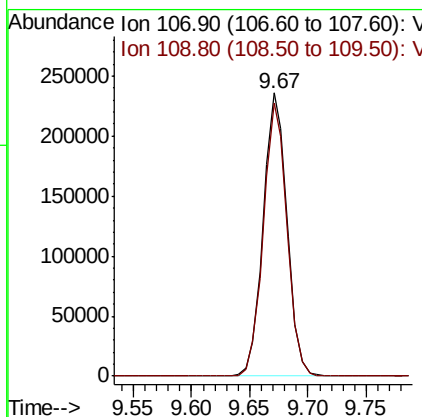
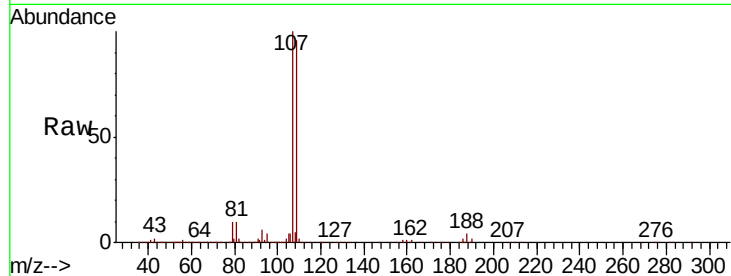
#61
 1,2-Dibromoethane
 Concen: 54.421 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	75.8	113.6

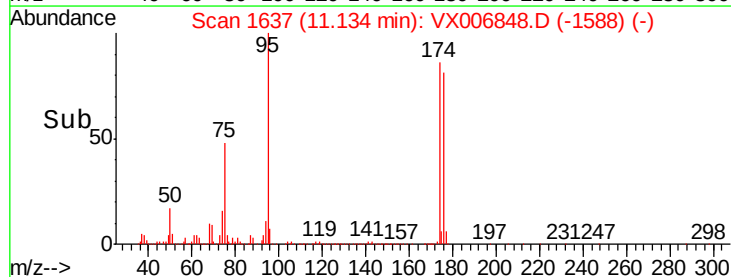
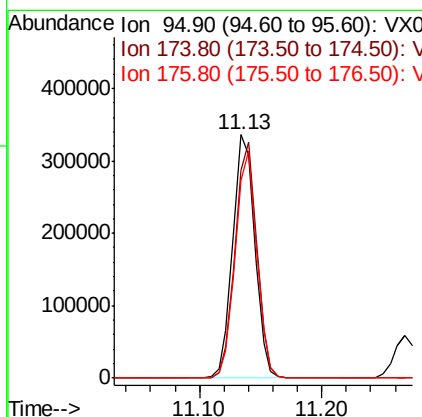
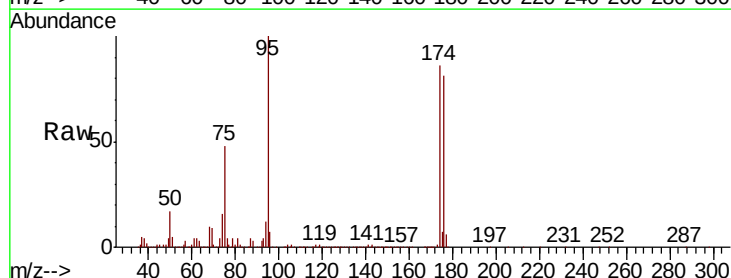
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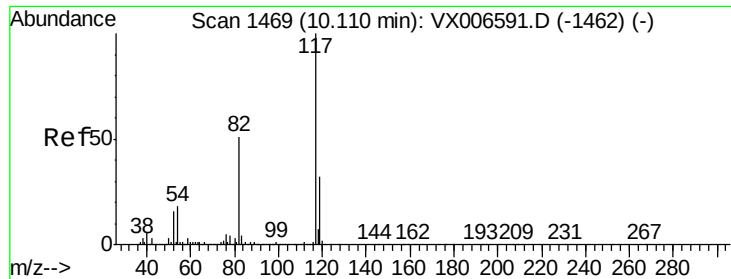
MMDadoda
 1/2/2019 10:46:34 AM



#62
 4-Bromofluorobenzene
 Concen: 54.841 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	182.2
176	91.3	0.0	178.8





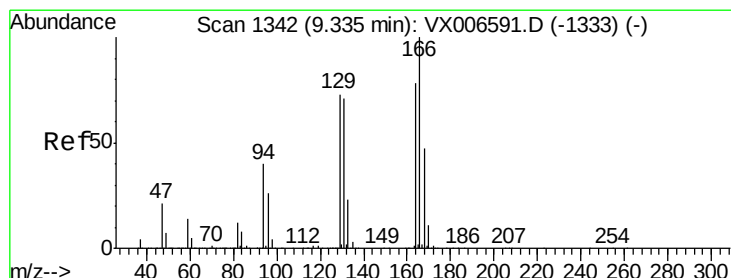
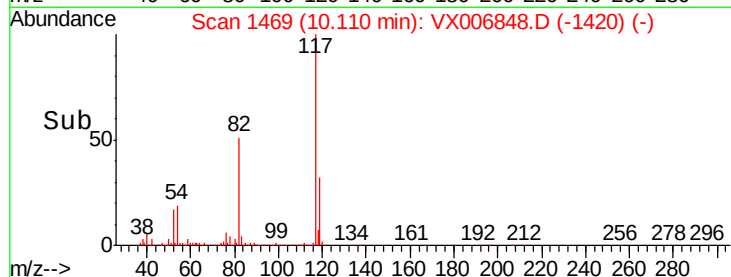
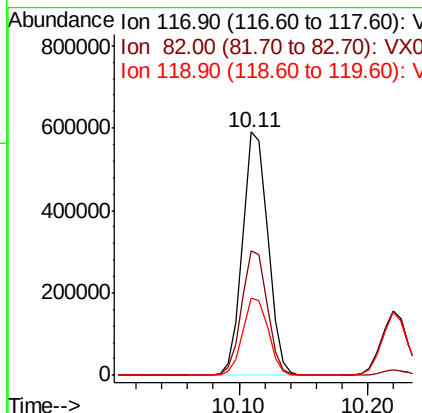
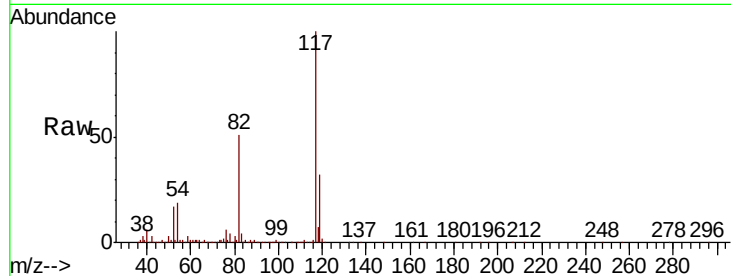
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	803423		
82	51.2		41.0	61.6
119	31.7		25.4	38.0

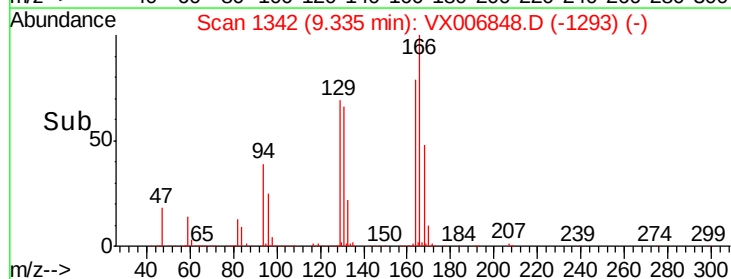
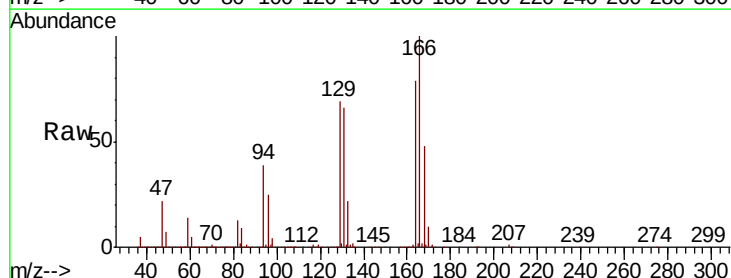
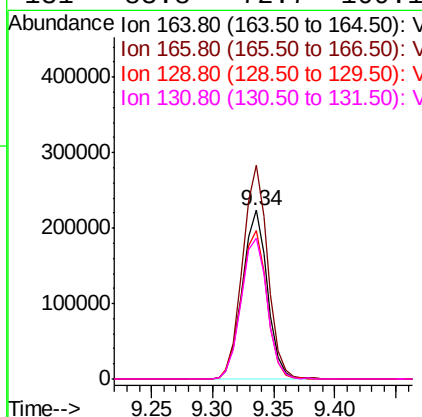
Manual Integrations
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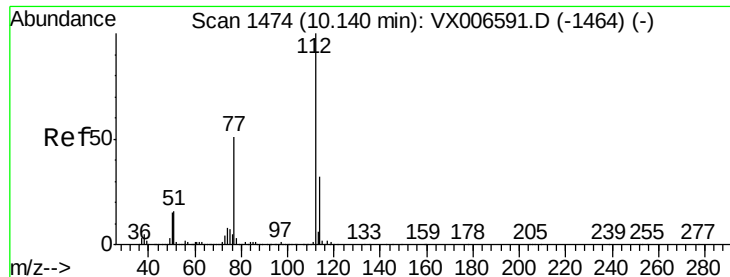
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#64
Tetrachloroethene
Concen: 49.875 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	317302		
166	126.5		102.5	153.7
129	87.8		75.1	112.7
131	83.8		72.7	109.1





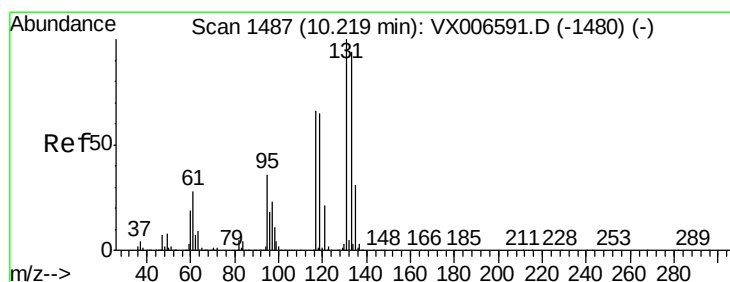
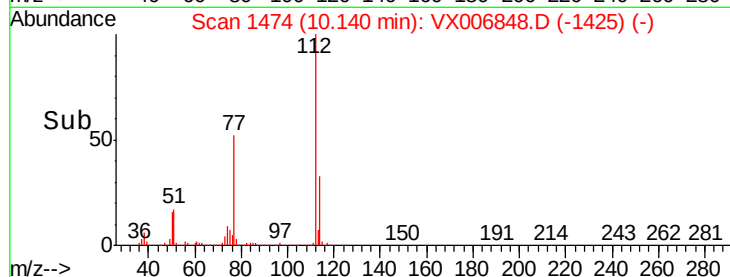
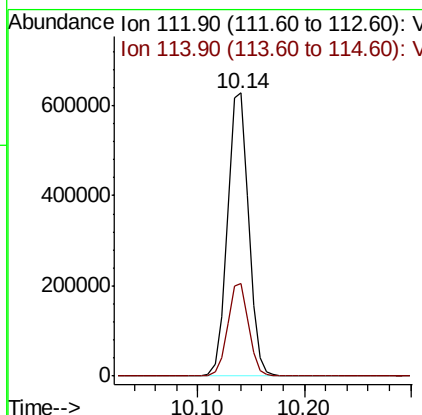
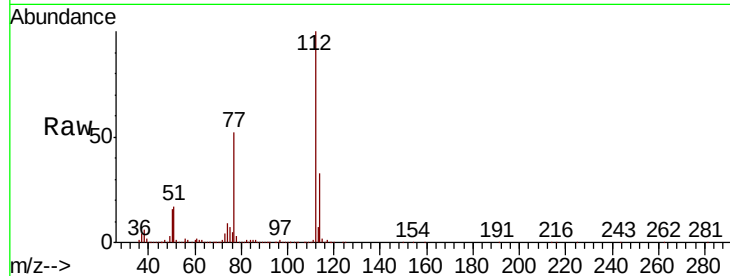
#65
Chlorobenzene
Concen: 51.627 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 877509
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

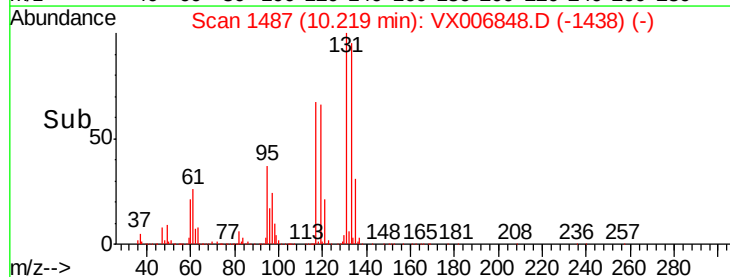
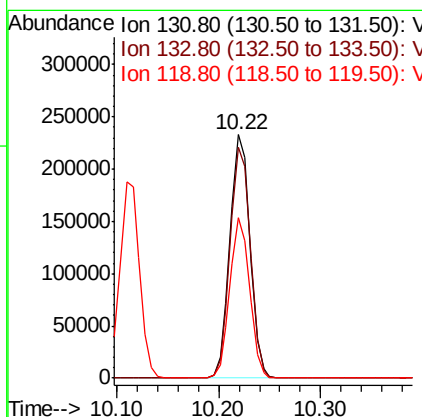
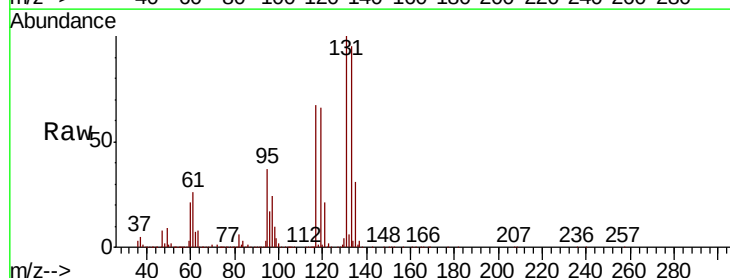
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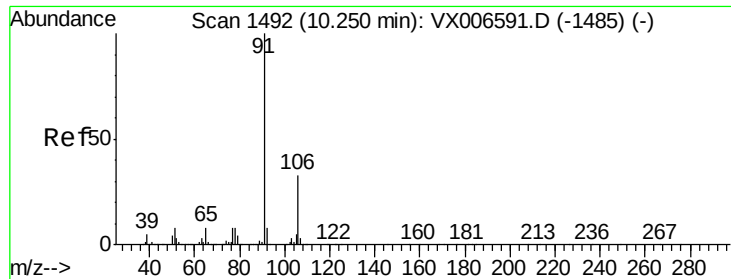
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.448 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion:131 Resp: 315256
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 64.6 32.6 97.8





#67

Ethyl Benzene

Concen: 52.045 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1445527

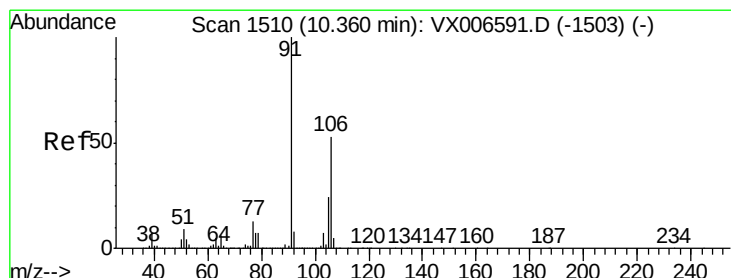
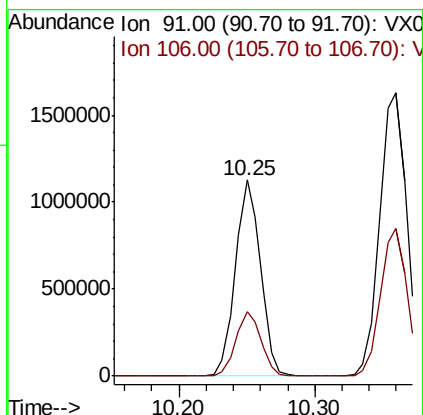
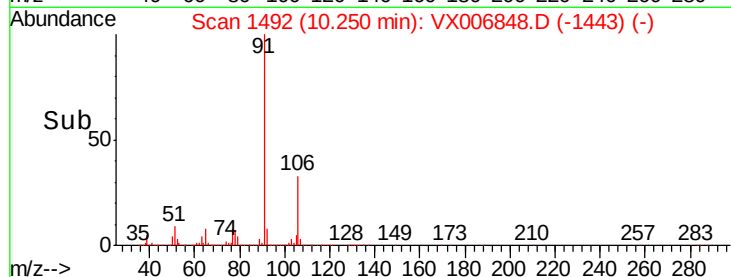
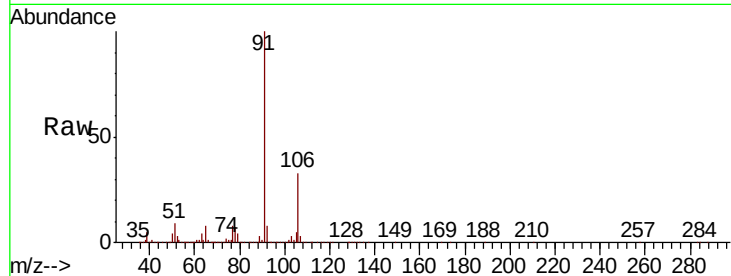
Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 104.651 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006848.D

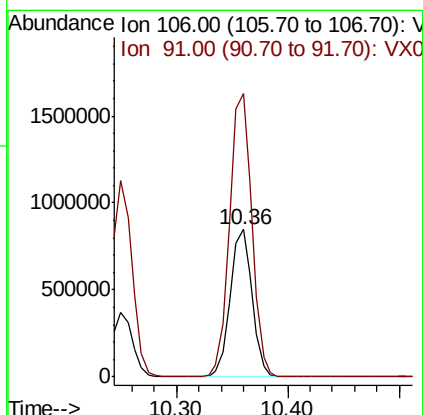
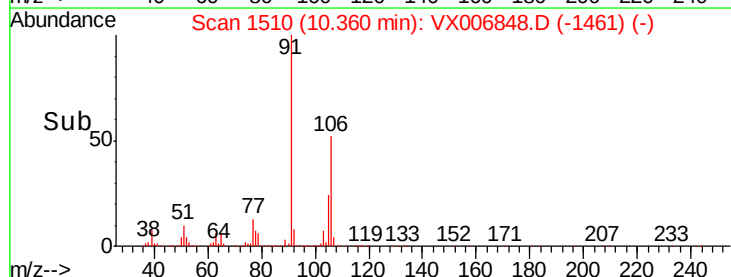
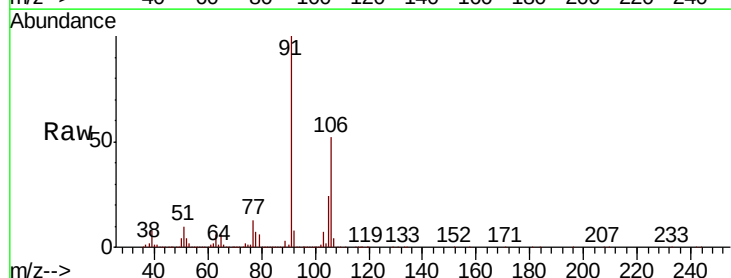
Acq: 28 Dec 2018 09:12

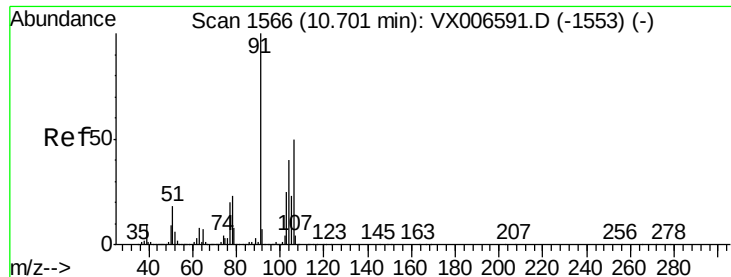
Tgt Ion: 106 Resp: 1146946

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6





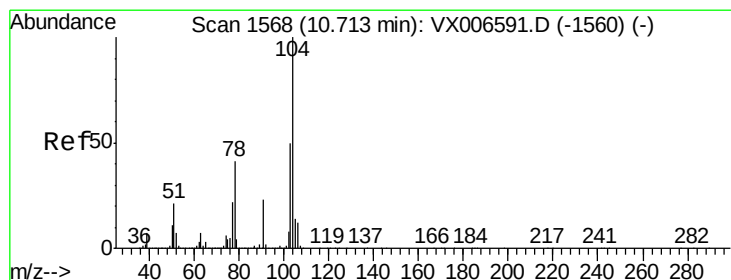
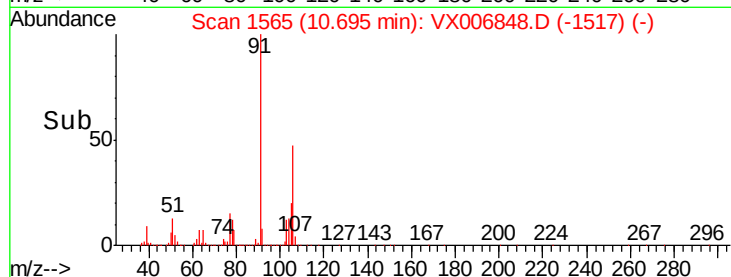
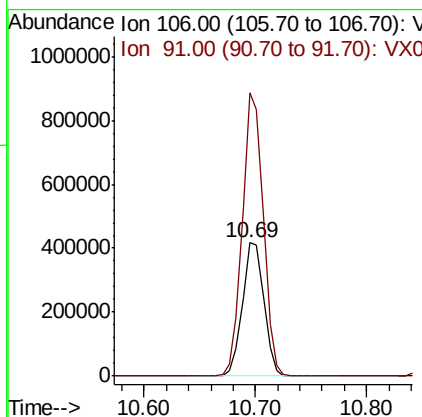
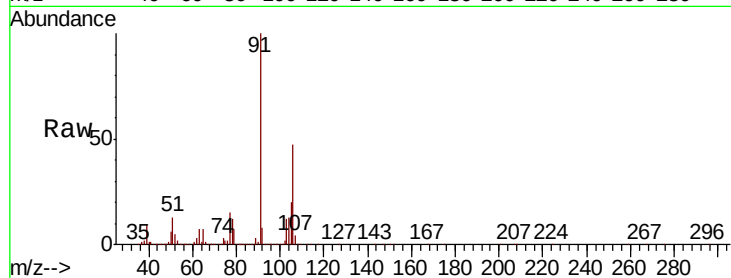
#69
o-Xylene
Concen: 51.760 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.9	101.3	303.7

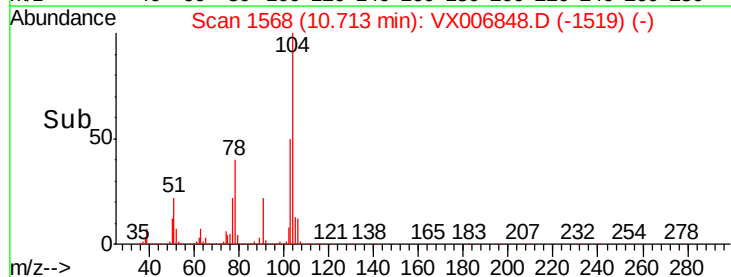
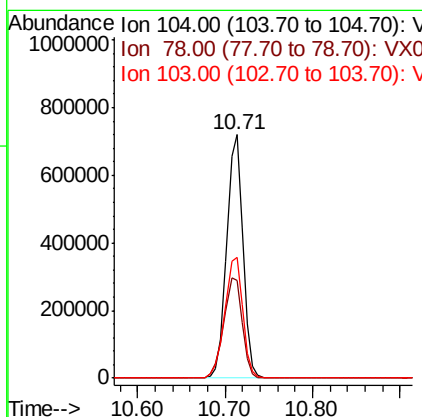
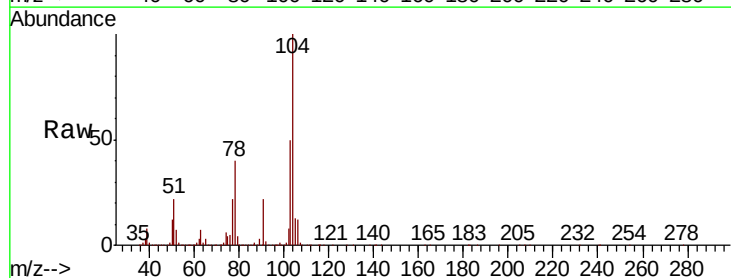
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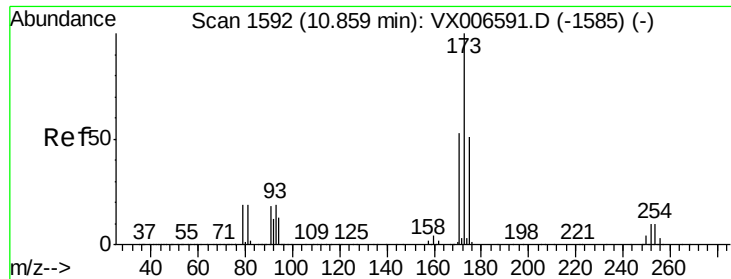
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#70
Styrene
Concen: 54.144 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.7	56.5
103	55.0	43.8	65.8





#71

Bromoform

Concen: 51.095 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

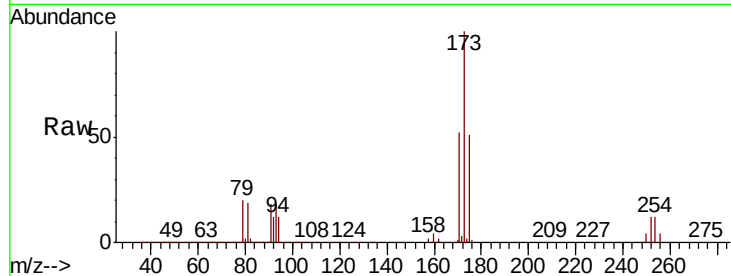
ClientSampleId :

VSTDCCC050

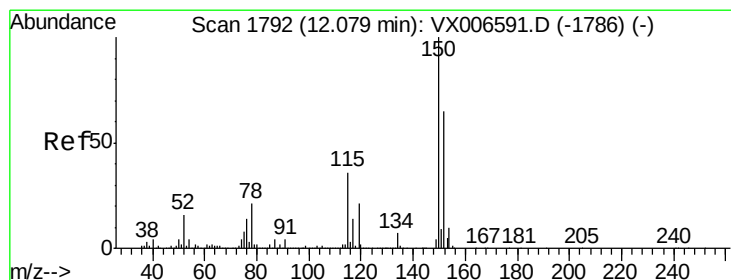
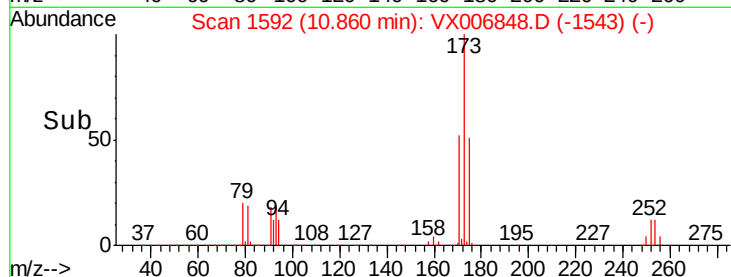
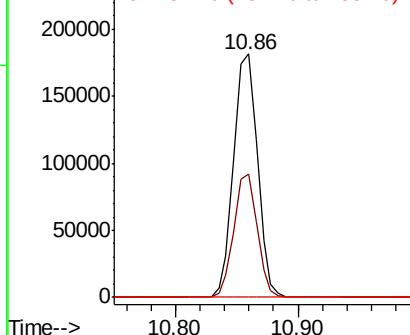
Tot Ion:	173	Resp:	244921
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.7	74.1
254	0.2	0.2	0.2

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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

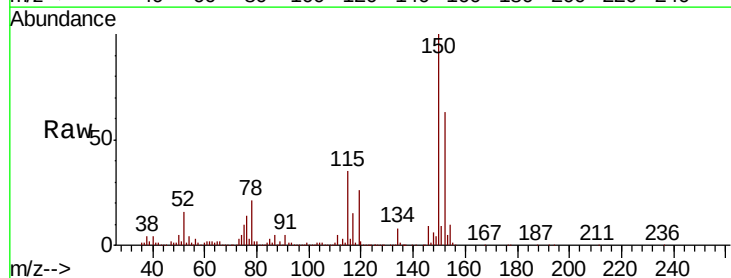
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

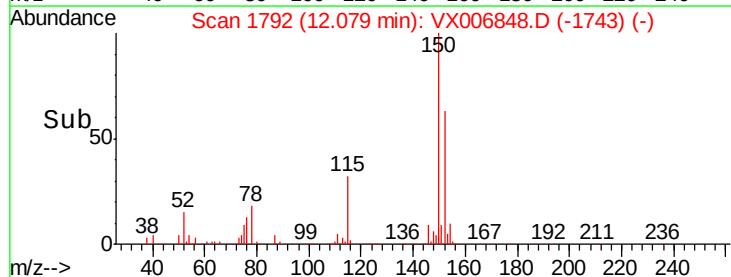
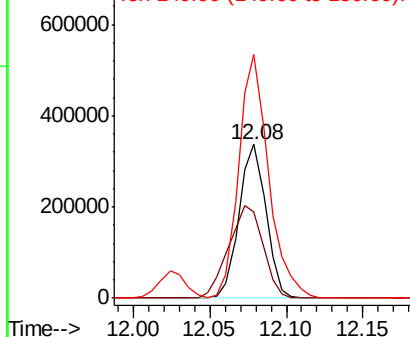
Lab File: VX006848.D

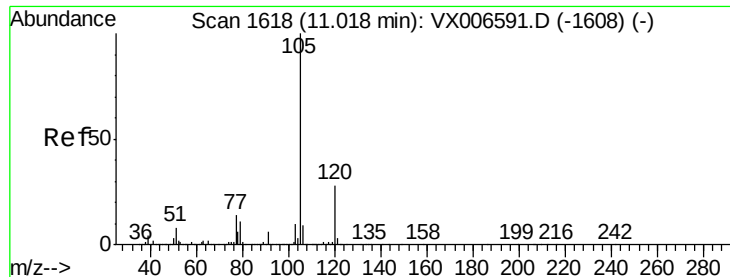
Acq: 28 Dec 2018 09:12

Tgt Ion:	152	Resp:	411096
Ion Ratio	Lower	Upper	
152	100		
115	77.2	39.1	117.2
150	175.5	0.0	344.8



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: 51.428 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1446364

Ion Ratio Lower Upper

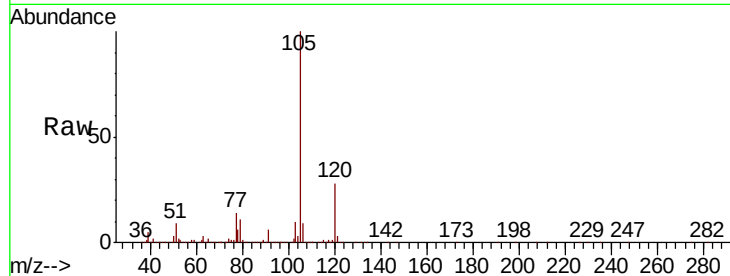
105 100

120 27.9 14.1 42.4

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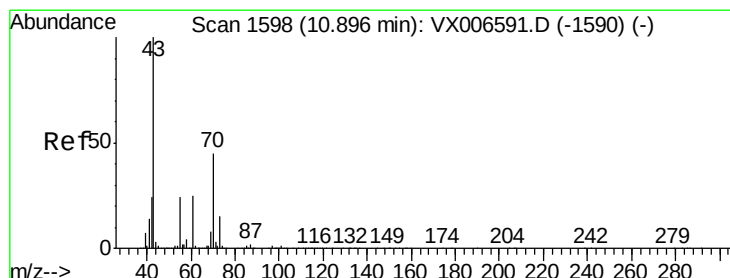
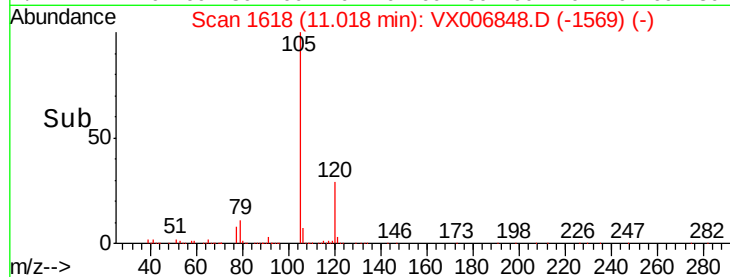
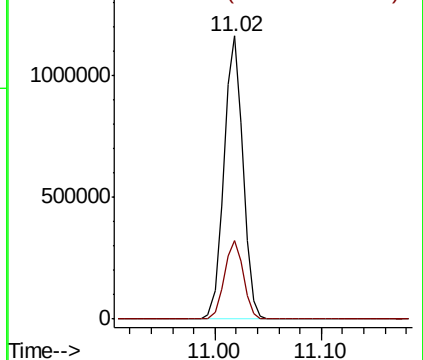
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.985 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion: 43 Resp: 603852

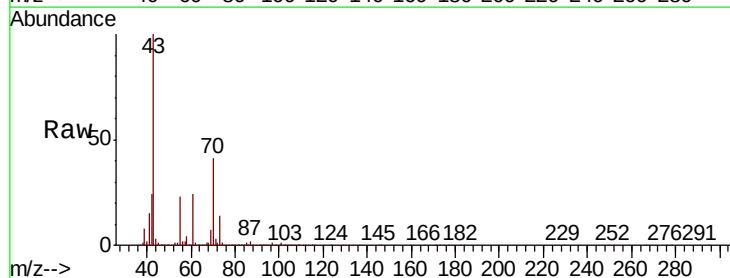
Ion Ratio Lower Upper

43 100

70 42.2 35.8 53.8

55 23.5 19.4 29.0

61 23.9 20.1 30.1

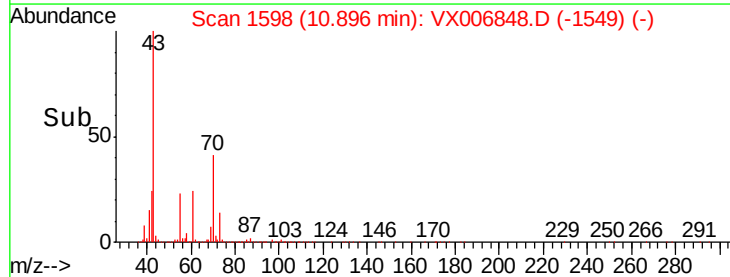
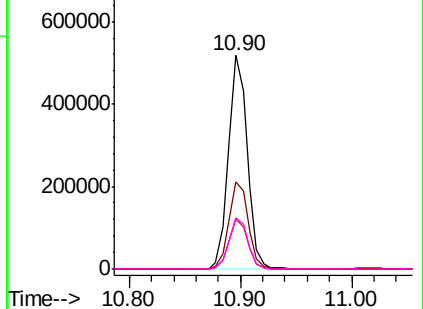


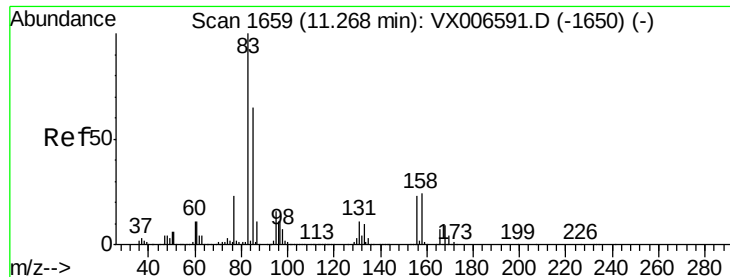
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.328 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 462771

Ion Ratio Lower Upper

83 100

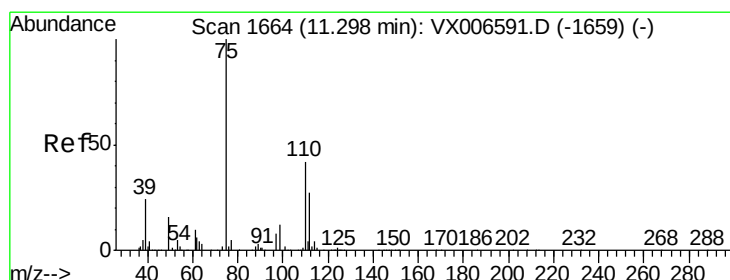
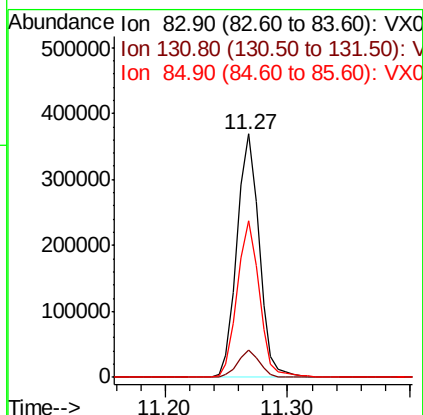
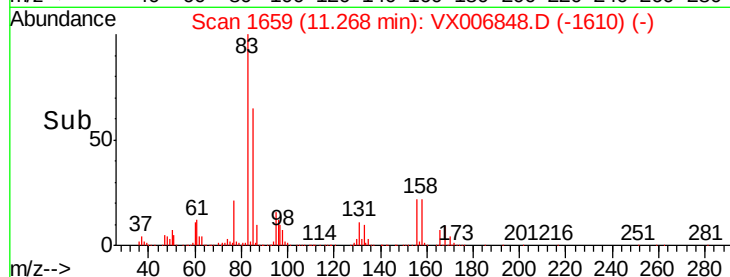
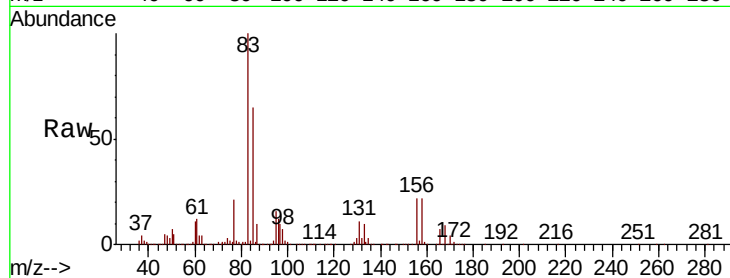
131 10.8 5.7 17.1

85 64.2 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 56.366 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006848.D

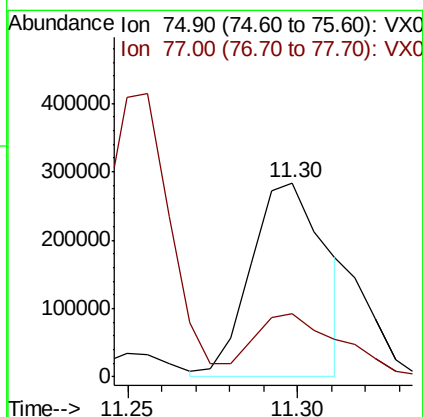
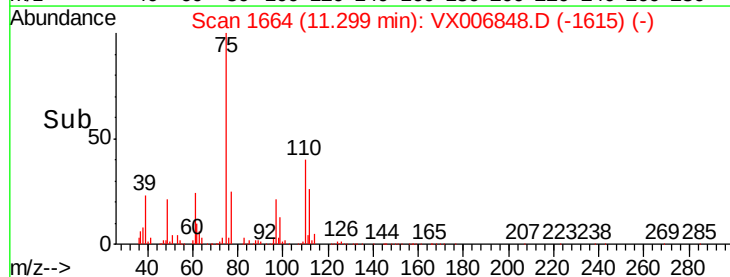
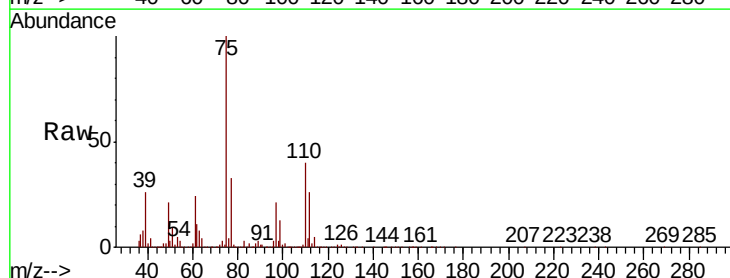
Acq: 28 Dec 2018 09:12

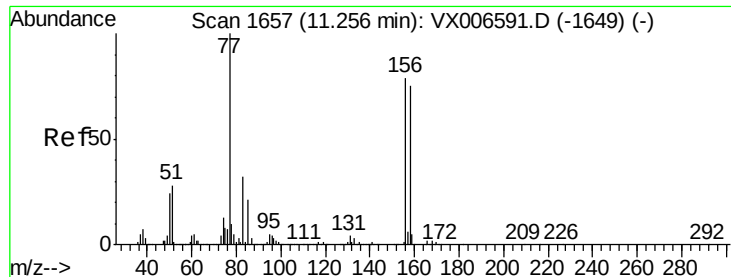
Tgt Ion: 75 Resp: 430632

Ion Ratio Lower Upper

75 100

77 39.1 18.5 55.5





#77

Bromobenzene

Concen: 53.093 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

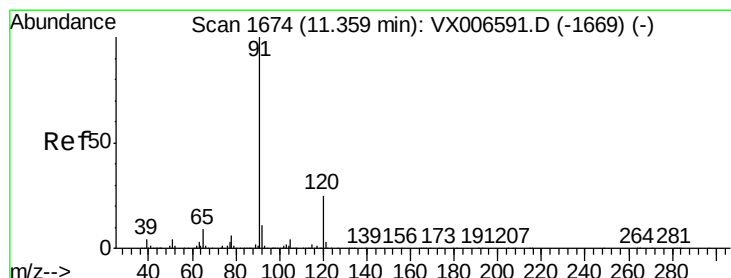
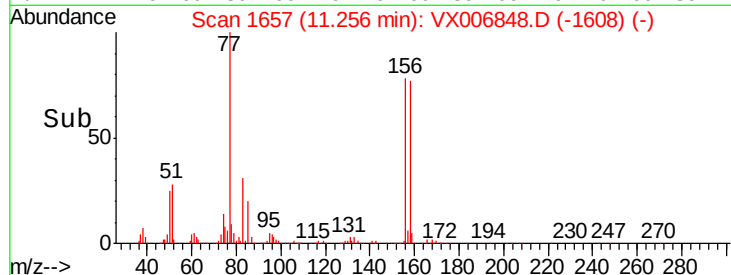
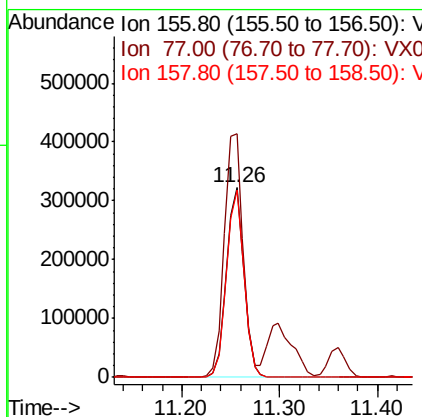
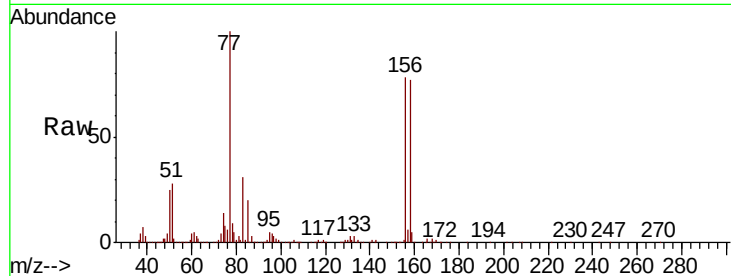
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.7	68.0	204.0
158	98.8	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.191 ug/l

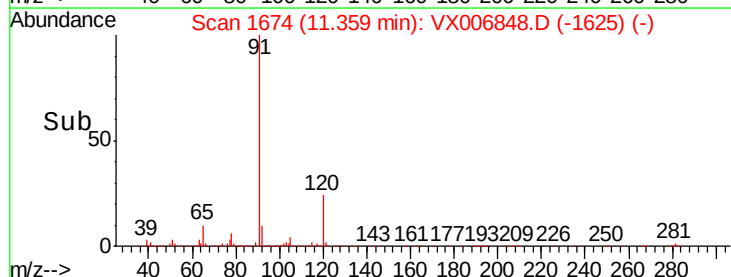
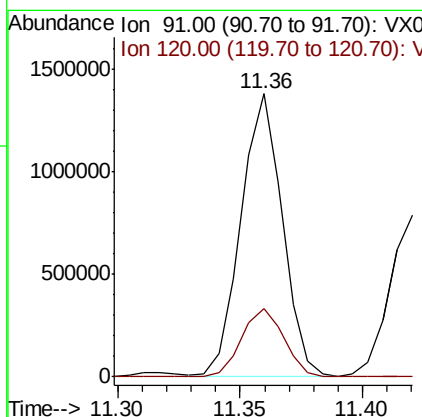
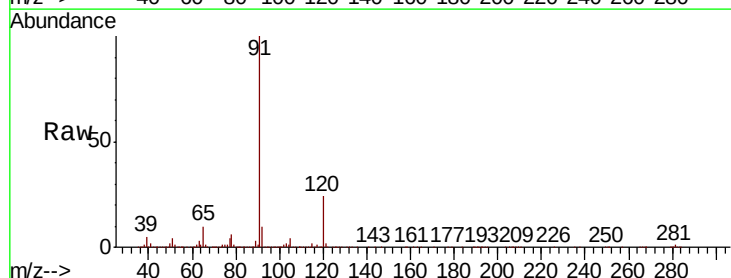
RT: 11.36 min Scan# 1674

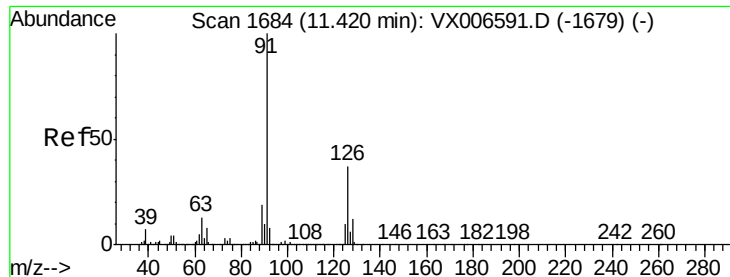
Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 51.124 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 959497

Ion Ratio Lower Upper

91 100

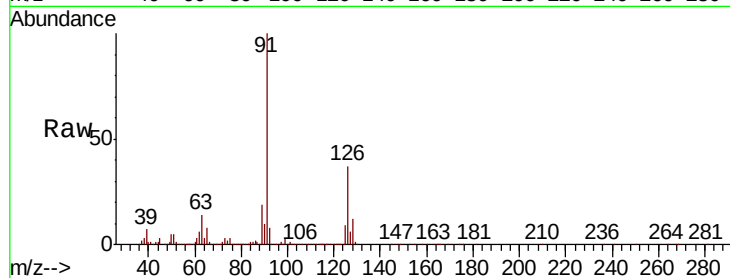
126 37.2 18.6 56.0

Manual Integrations

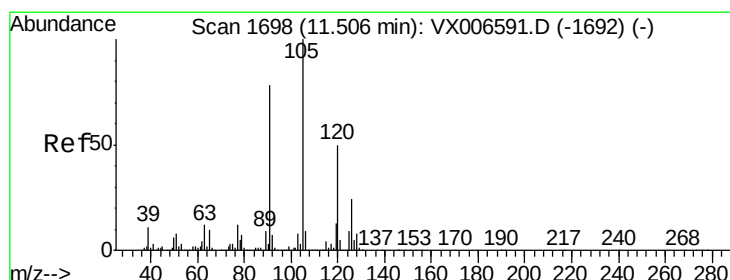
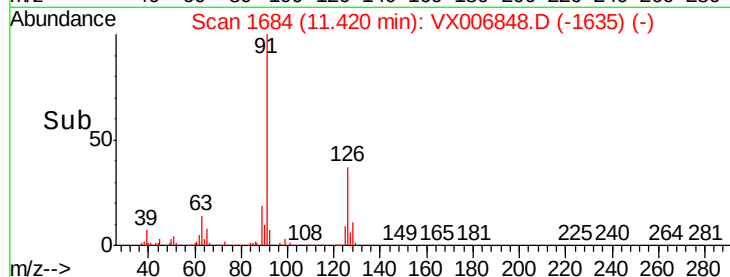
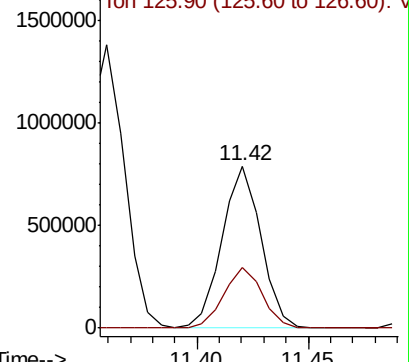
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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.508 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006848.D

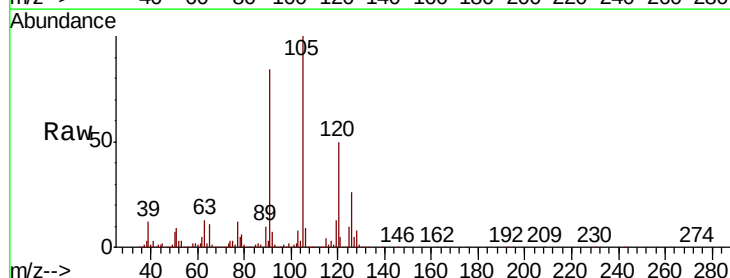
Acq: 28 Dec 2018 09:12

Tgt Ion: 105 Resp: 1170007

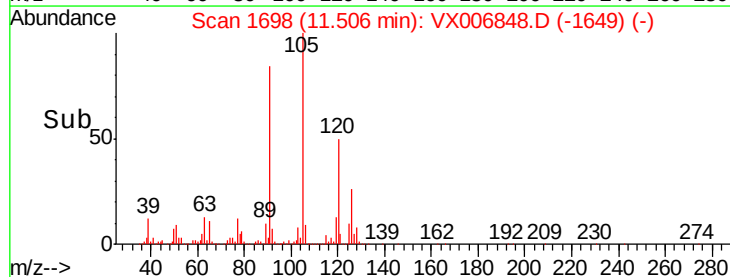
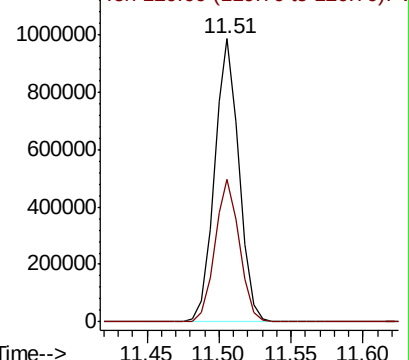
Ion Ratio Lower Upper

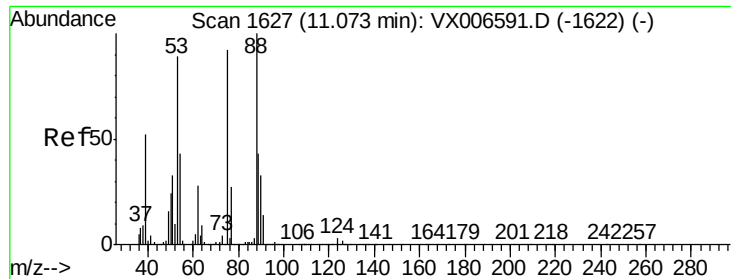
105 100

120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)





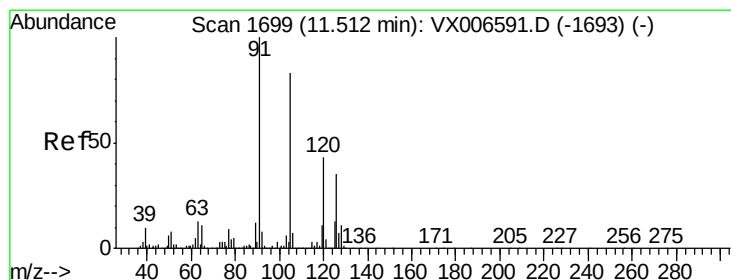
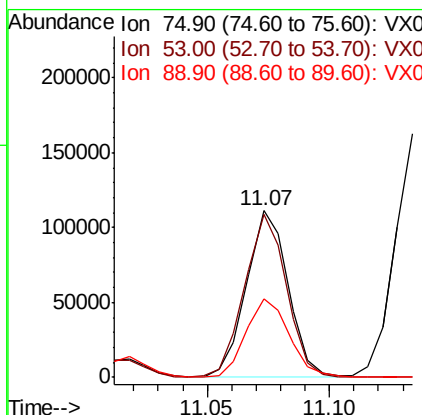
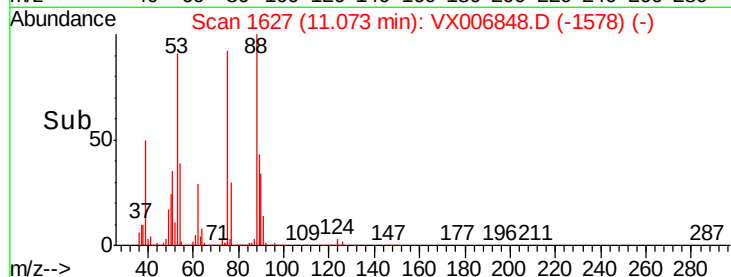
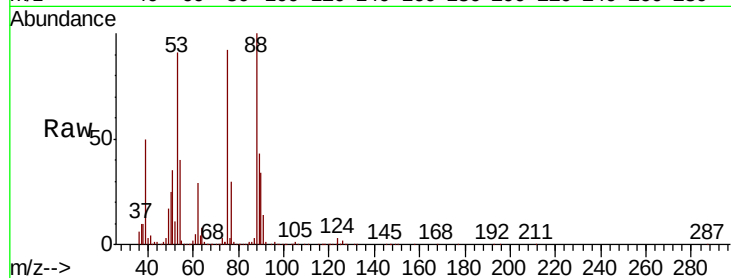
#81
trans-1,4-Dichloro-2-butene
Concen: 52.222 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	79.7	119.5
89	49.4	38.0	57.0

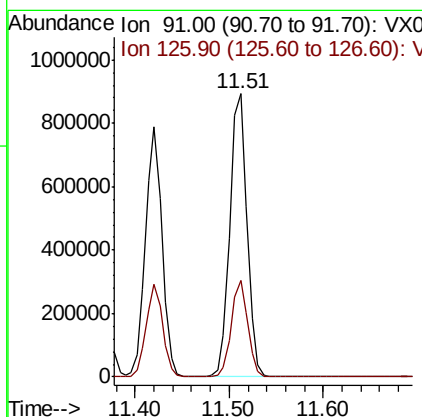
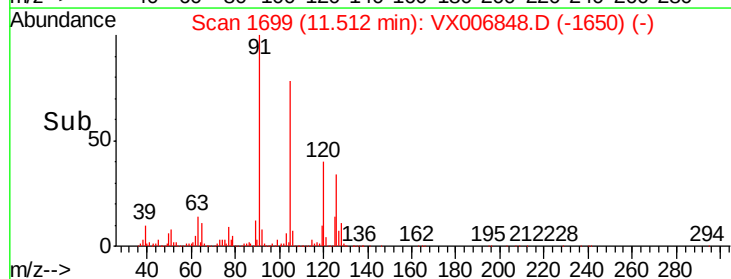
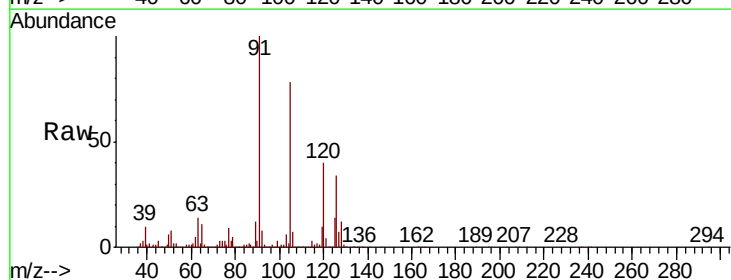
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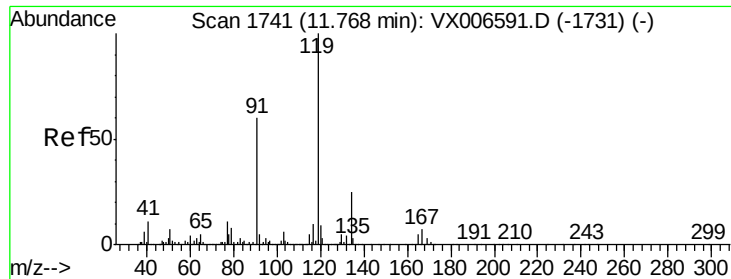
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#82
4-Chlorotoluene
Concen: 52.476 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





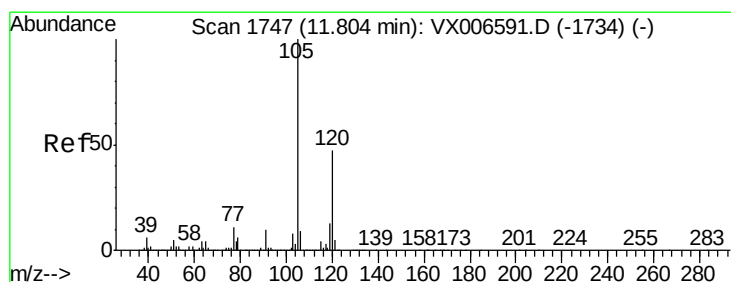
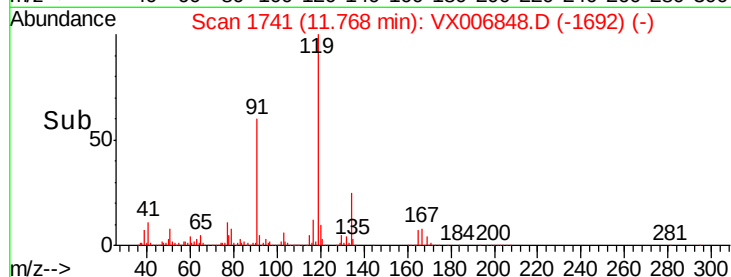
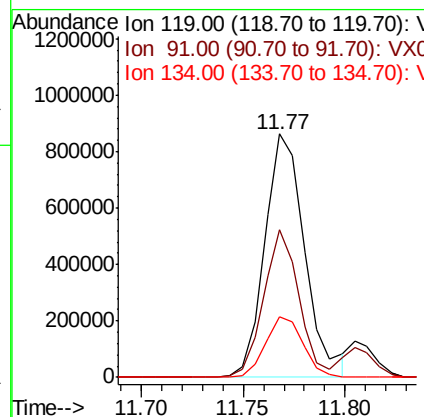
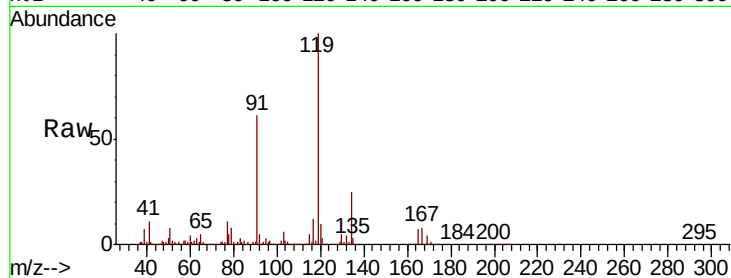
#83
 tert-Butylbenzene
 Concen: 50.848 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.7	27.7	83.1
134	23.4	11.9	35.5

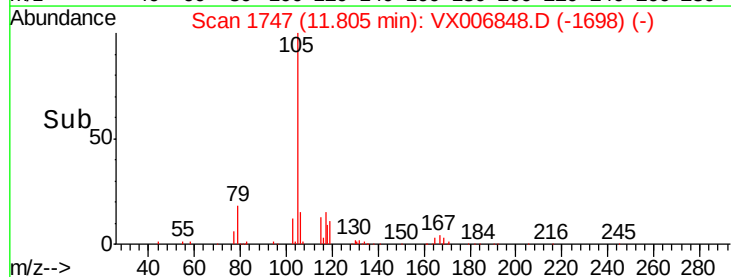
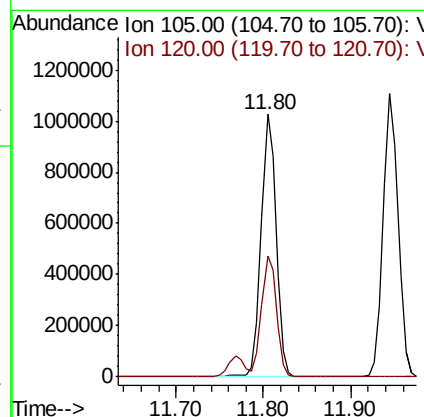
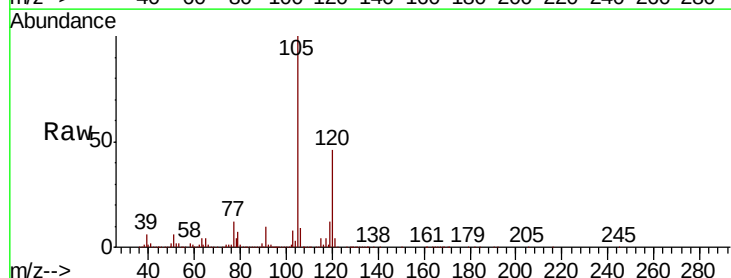
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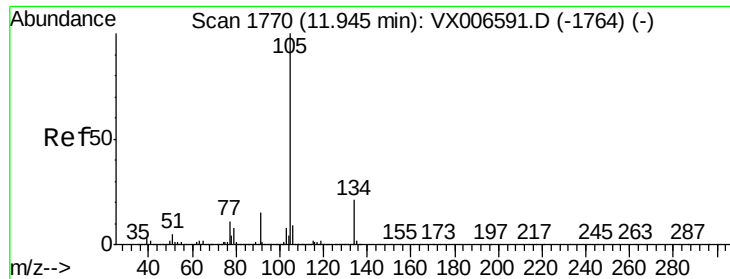
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.524 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 46.544 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1323019

Ion Ratio Lower Upper

105 100

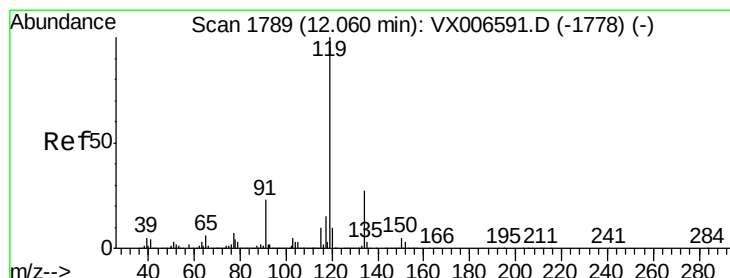
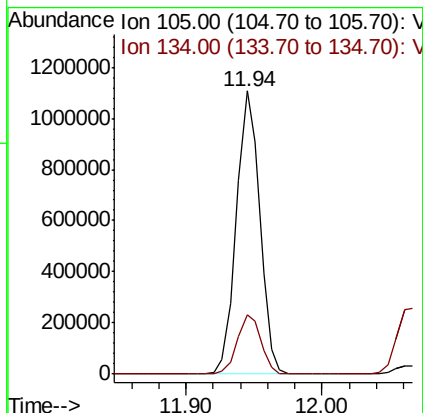
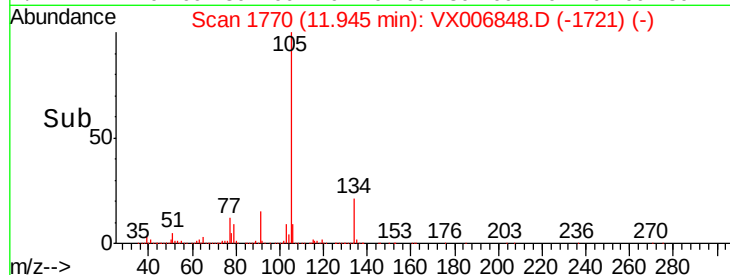
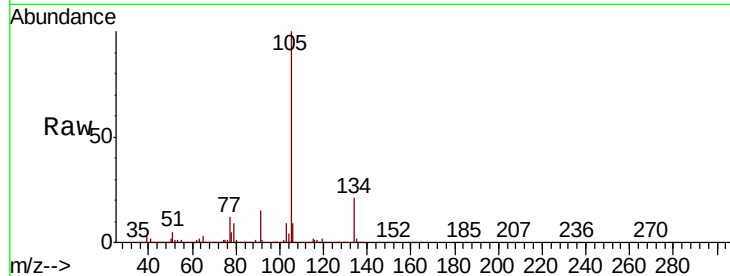
134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 47.834 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

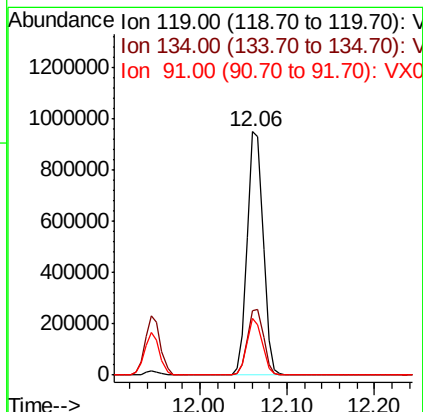
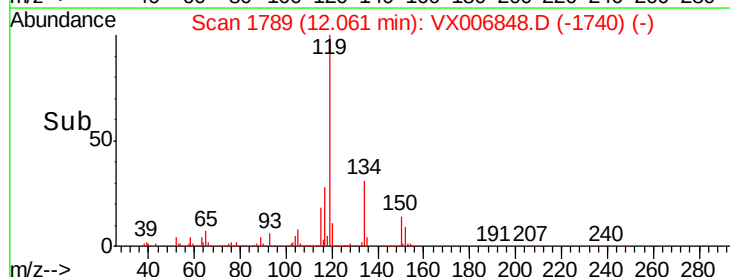
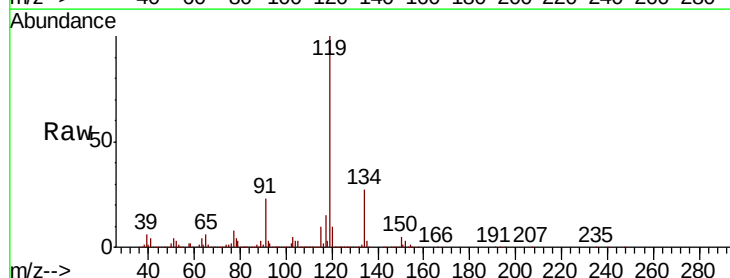
Tgt Ion:119 Resp: 1195225

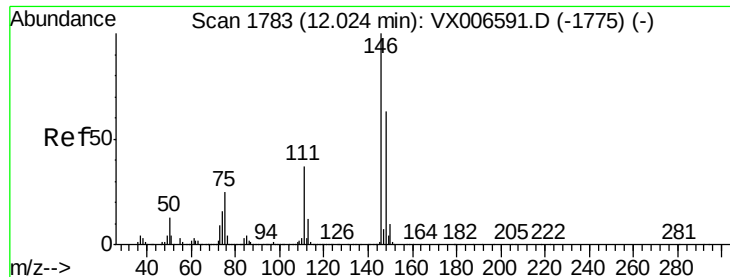
Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

91 22.6 11.3 33.9





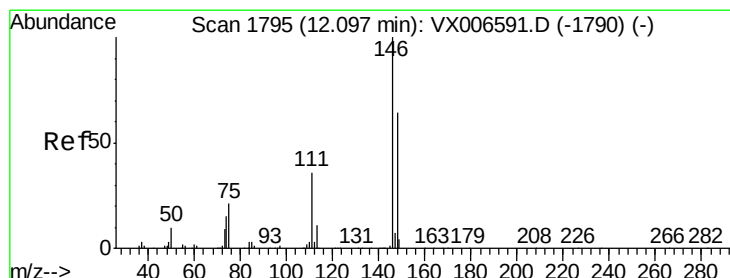
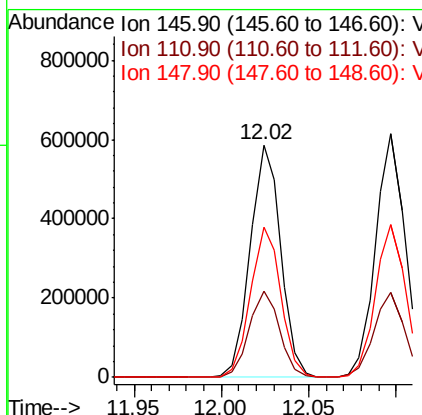
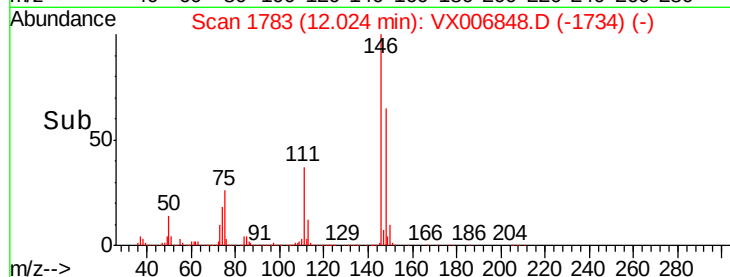
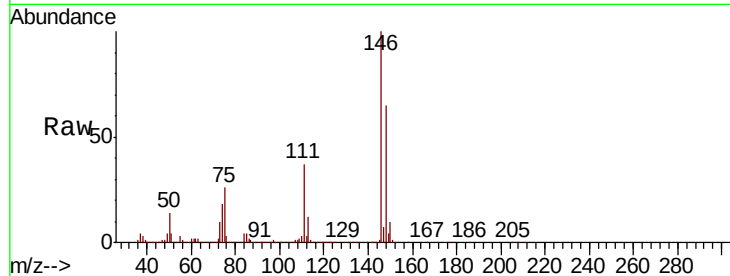
#87
 1,3-Dichlorobenzene
 Concen: 52.256 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.2	31.8	95.3

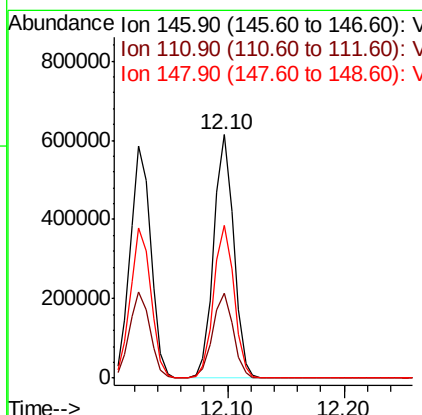
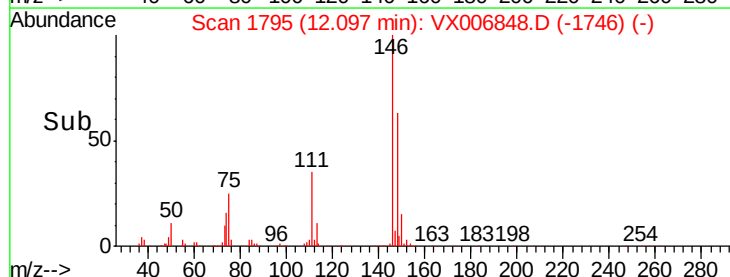
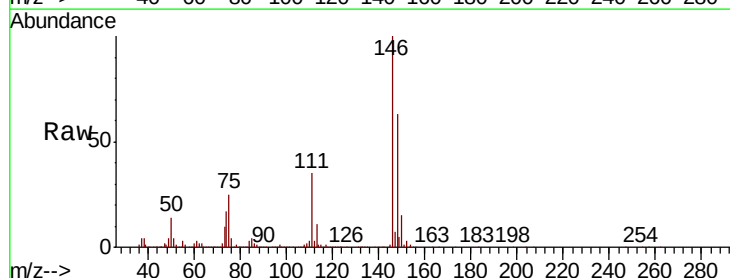
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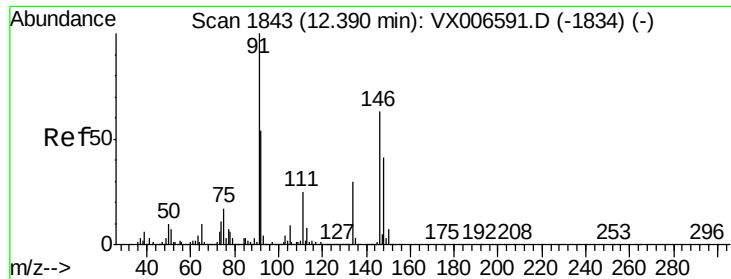
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#88
 1,4-Dichlorobenzene
 Concen: 51.511 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	63.8	31.9	95.9





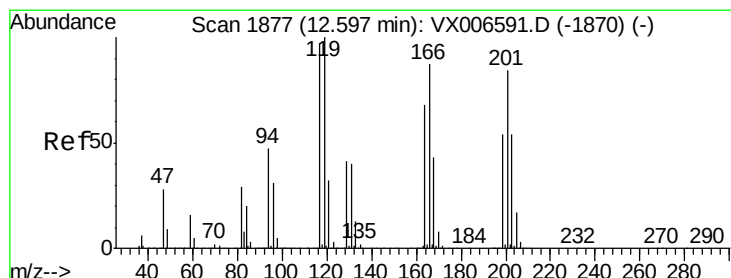
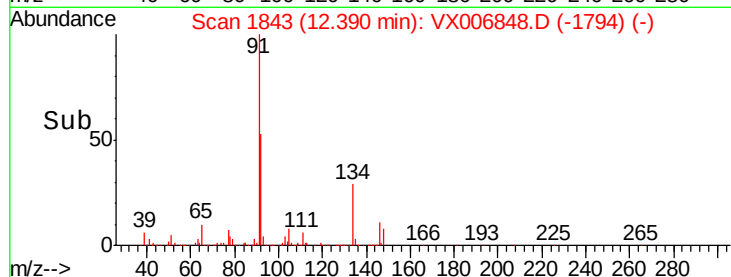
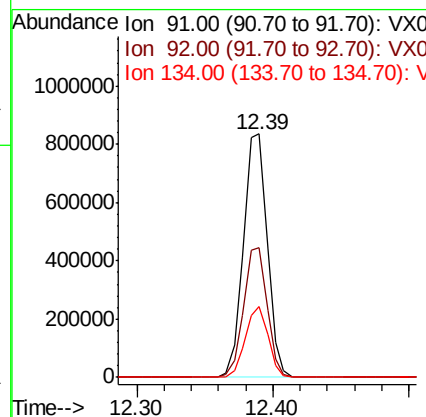
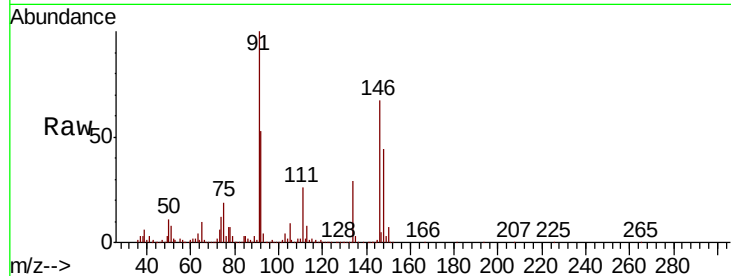
#89
n-Butylbenzene
Concen: 47.915 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	28.1	14.4	43.2

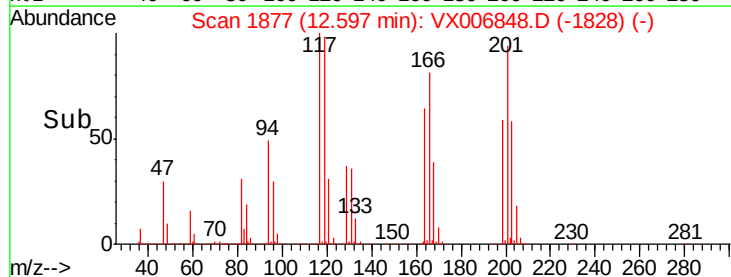
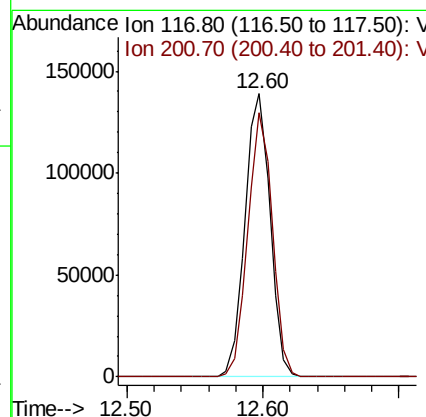
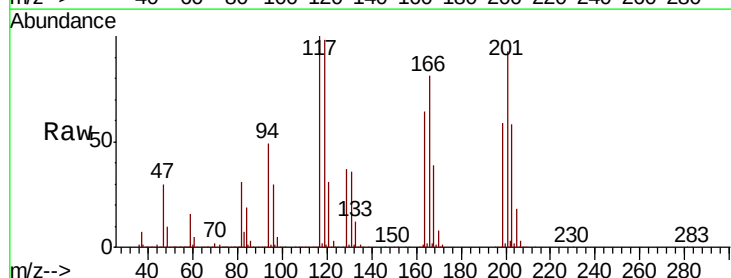
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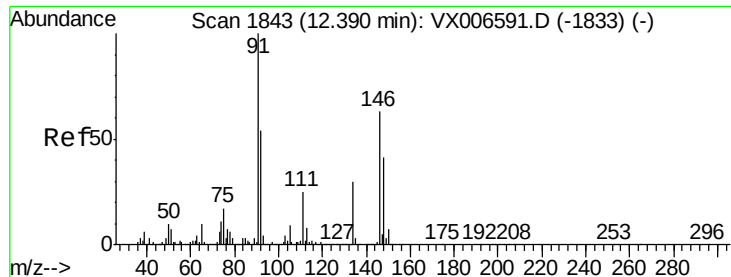
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#90
Hexachloroethane
Concen: 45.994 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.7	42.9	128.7





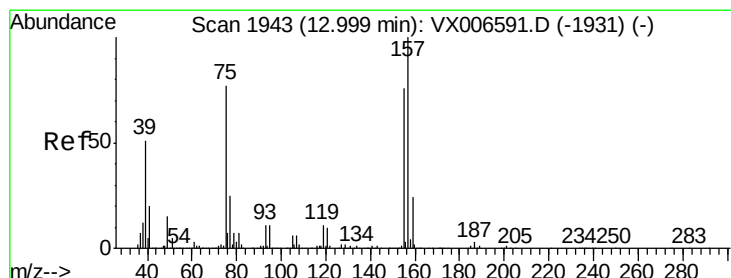
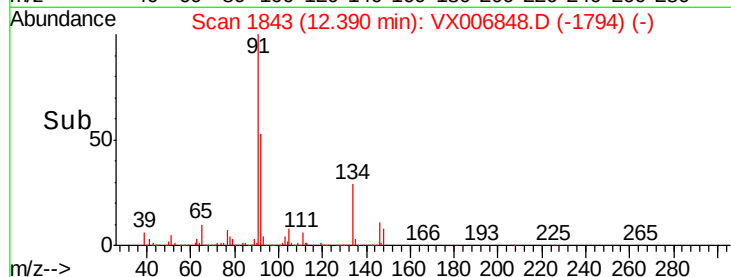
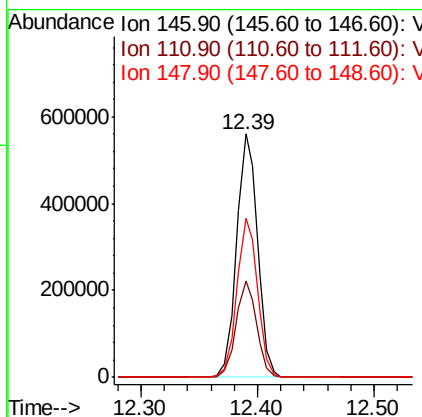
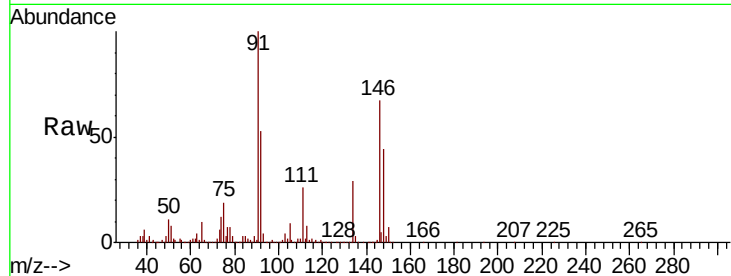
#91
 1,2-Dichlorobenzene
 Concen: 51.350 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	64.2	32.3	96.9

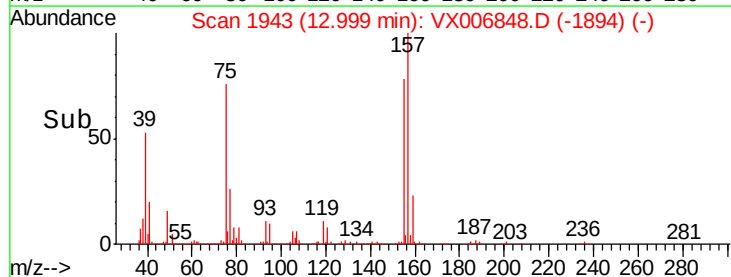
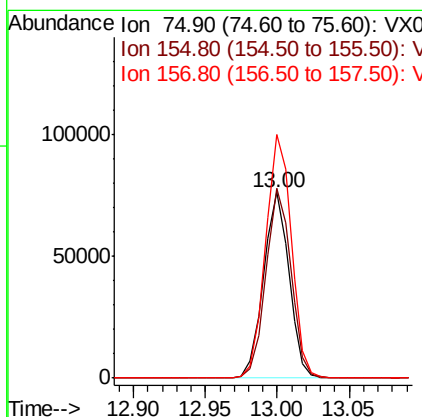
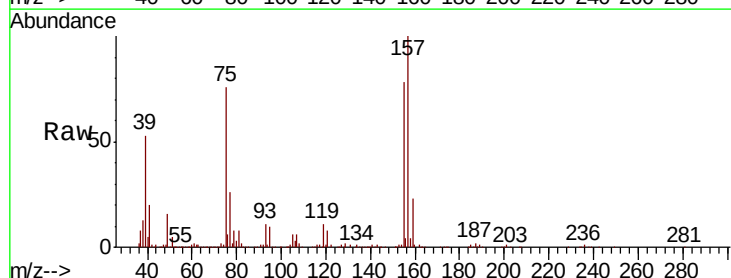
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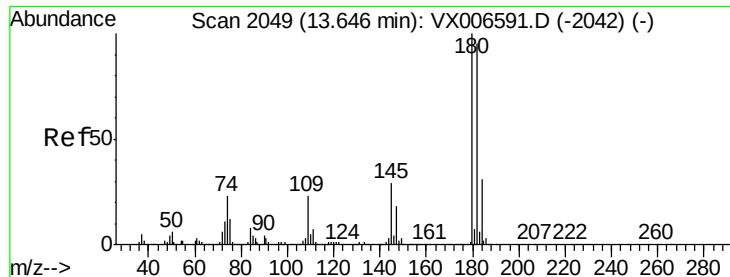
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.904 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.7	50.6	151.8
157	132.1	64.6	193.8





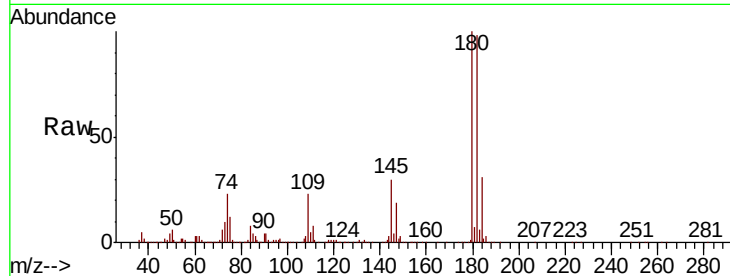
#93
 1,2,4-Trichlorobenzene
 Concen: 47.623 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	450311		
182	97.2	47.3	142.0	
145	29.8	14.8	44.3	

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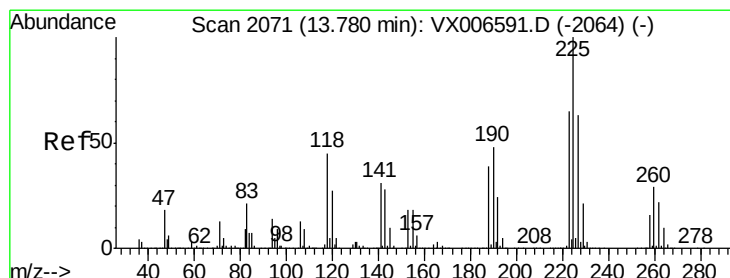
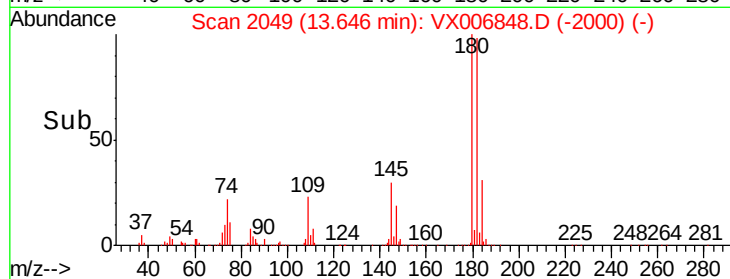
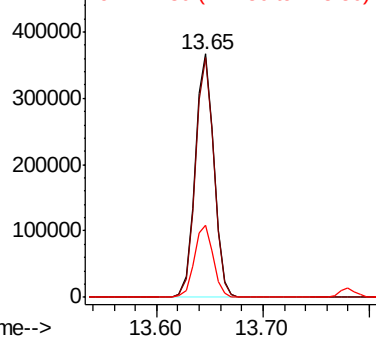


Abundance

Ion 179.80 (179.50 to 180.50): V

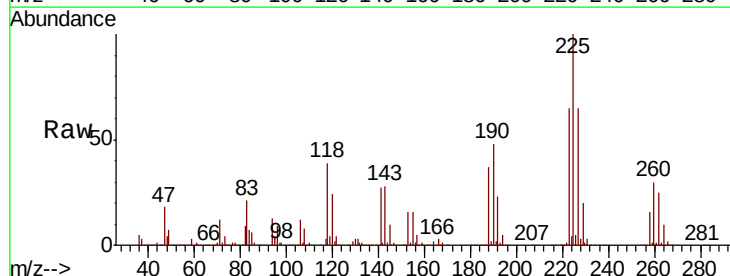
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 40.955 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	182531		
223	63.4	32.1	96.3	
227	63.4	32.3	96.8	

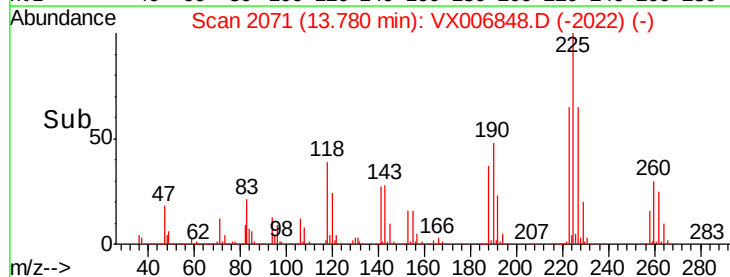
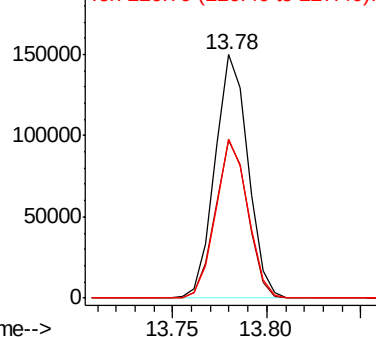


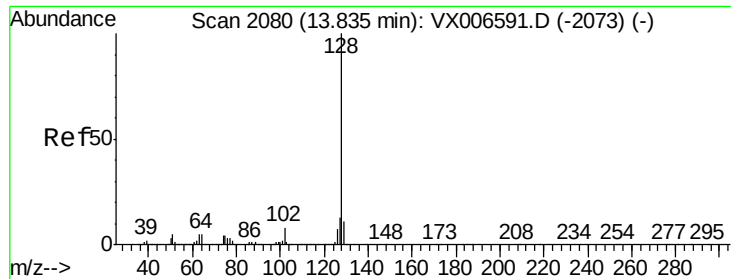
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





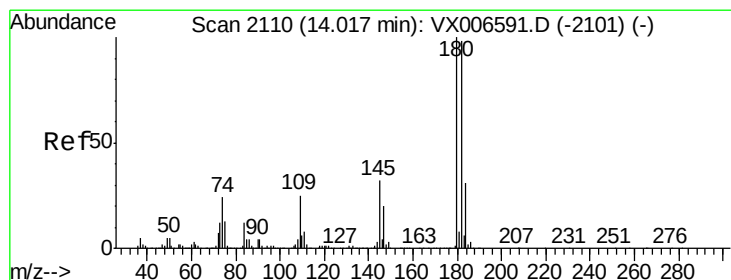
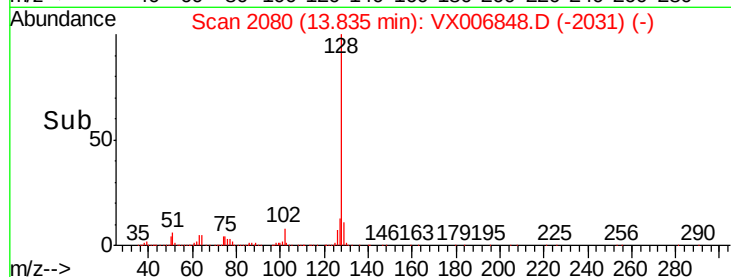
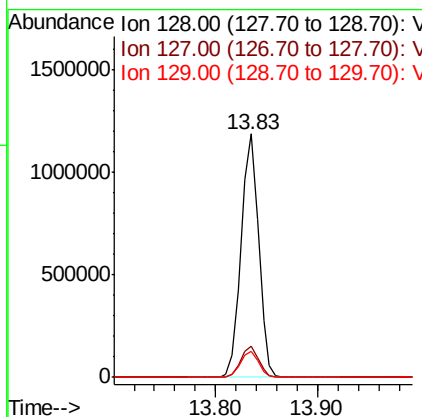
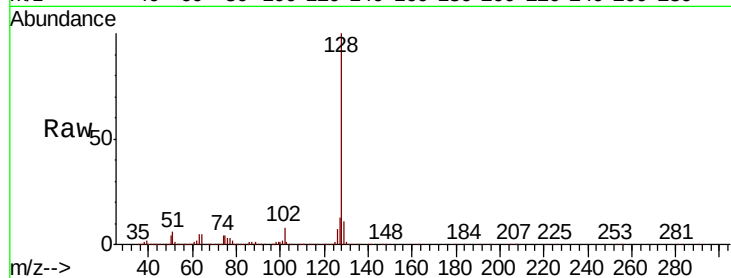
#95
Naphthalene
Concen: 46.427 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/2/2019 10:46:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.434 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.5	145.5
145	30.4	16.0	47.9

