

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006760.D
 Acq On : 22 Dec 2018 08:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 11:20:30 AM

Quant Time: Dec 22 09:45:45 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	5.67	168	563758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	885194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	798316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	312305	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.51	113	286999	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	8.71	98	1046542	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	366108	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	227490	44.110	ug/l	100
3) Chloromethane	1.33	50	252952	45.525	ug/l	98
4) Vinyl Chloride	1.41	62	276190	47.594	ug/l	99
5) Bromomethane	1.64	94	239876	44.068	ug/l	98
6) Chloroethane	1.72	64	178158	44.339	ug/l	100
7) Trichlorofluoromethane	1.93	101	445390	49.228	ug/l	97
8) Diethyl Ether	2.19	74	172927	48.122	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	252223	47.480	ug/l	99
10) Methyl Iodide	2.51	142	350080	46.038	ug/l	100
11) Tert butyl alcohol	3.07	59	350272	258.316	ug/l	100
12) 1,1-Dichloroethene	2.37	96	246700	48.977	ug/l	99
13) Acrolein	2.30	56	192546	210.489	ug/l	97
14) Allyl chloride	2.73	41	395161	46.607	ug/l	99
15) Acrylonitrile	3.15	53	799959	265.705	ug/l	100
16) Acetone	2.45	43	681206	244.031	ug/l	100
17) Carbon Disulfide	2.57	76	564976	42.384	ug/l	99
18) Methyl Acetate	2.78	43	465977	56.769	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	878773	52.565	ug/l	99
20) Methylene Chloride	2.86	84	281686	48.800	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	264072	47.316	ug/l	98
22) Diisopropyl ether	3.87	45	818990	52.801	ug/l	94
23) Vinyl Acetate	3.82	43	3266590	257.467	ug/l	99
24) 1,1-Dichloroethane	3.70	63	450462	48.650	ug/l	99
25) 2-Butanone	4.70	43	1009085	256.990	ug/l	99
26) 2,2-Dichloropropane	4.59	77	171157	23.930	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	305290	49.579	ug/l	97
28) Bromochloromethane	5.02	49	211180	54.262	ug/l	100
29) Tetrahydrofuran	5.15	42	698996	270.283	ug/l	98
30) Chloroform	5.22	83	485240	50.607	ug/l	97
31) Cyclohexane	5.57	56	401162	47.690	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	409864	50.623	ug/l	99
36) 1,1-Dichloropropene	5.80	75	352882	48.133	ug/l	100
37) Ethyl Acetate	4.85	43	395793	51.868	ug/l	99
38) Carbon Tetrachloride	5.79	117	348455	48.906	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	434078	44.973	ug/l	99
40) Benzene	6.14	78	1095914	49.177	ug/l	100
41) Methacrylonitrile	5.06	41	218741	53.993	ug/l	99
42) 1,2-Dichloroethane	6.20	62	371078	48.866	ug/l	100
43) Isopropyl Acetate	6.46	43	607600	52.332	ug/l	99
44) Trichloroethene	7.21	130	320078	47.454	ug/l	96
45) 1,2-Dichloropropane	7.51	63	274859	50.683	ug/l	98
46) Dibromomethane	7.66	93	199172	49.931	ug/l	100
47) Bromodichloromethane	7.90	83	336664	50.836	ug/l	96
48) Methyl methacrylate	7.77	41	317277	53.737	ug/l	98
49) 1,4-Dioxane	7.75	88	155886	1009.275	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1965812	266.104	ug/l	99
52) Toluene	8.79	92	700706	48.670	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	325548	45.835	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	375157	48.138	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	299164	50.766	ug/l	98
56) Ethyl methacrylate	9.18	69	433739	52.076	ug/l	98
57) 1,3-Dichloropropane	9.37	76	473915	49.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1136249	256.639	ug/l	99
59) 2-Hexanone	9.49	43	1476060	261.147	ug/l	100
60) Dibromochloromethane	9.59	129	291101	47.359	ug/l	96
61) 1,2-Dibromoethane	9.67	107	316228	50.480	ug/l	99
64) Tetrachloroethene	9.34	164	308006	48.724	ug/l	98
65) Chlorobenzene	10.14	112	811936	48.075	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	283309	53.766	ug/l	99
67) Ethyl Benzene	10.25	91	1339733	48.545	ug/l	98
68) m/p-Xylenes	10.36	106	1052933	96.688	ug/l	100
69) o-Xylene	10.70	106	516186	48.001	ug/l	98
70) Styrene	10.71	104	829215	48.740	ug/l	99
71) Bromoform	10.86	173	208148	44.347	ug/l	98
73) Isopropylbenzene	11.02	105	1375775	50.448	ug/l	100
74) N-amyl acetate	10.90	43	544535	55.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	437495	53.942	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	387875m	52.357	ug/l	
77) Bromobenzene	11.26	156	367692	49.871	ug/l	100
78) n-propylbenzene	11.36	91	1519414	50.595	ug/l	99
79) 2-Chlorotoluene	11.42	91	891411	48.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1122102	49.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84666	36.069	ug/l	93
82) 4-Chlorotoluene	11.51	91	1026467	49.170	ug/l	100
83) tert-Butylbenzene	11.77	119	1140426	50.728	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1151459	48.736	ug/l	100
85) sec-Butylbenzene	11.94	105	1359453	49.321	ug/l	100
86) p-Isopropyltoluene	12.06	119	1219520	50.332	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	652591	49.112	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	643725	47.257	ug/l	99
89) n-Butylbenzene	12.39	91	1016260	49.284	ug/l	99
90) Hexachloroethane	12.60	117	174403	46.256	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	648144	48.761	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	89394	53.268	ug/l	99

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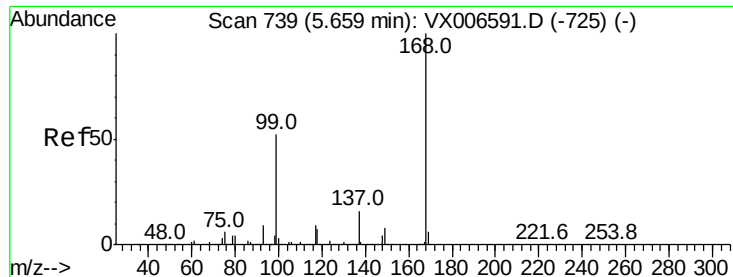
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	451651	49.258	ug/l	99
94) Hexachlorobutadiene	13.78	225	195763	45.297	ug/l	99
95) Naphthalene	13.83	128	1490682	50.938	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	463159	48.924	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 563758

Ion Ratio Lower Upper

168 100

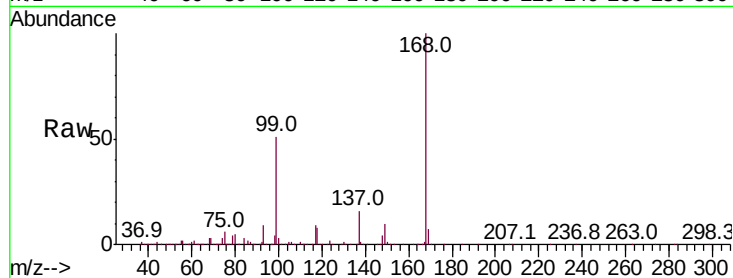
99 50.5 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

50000

0

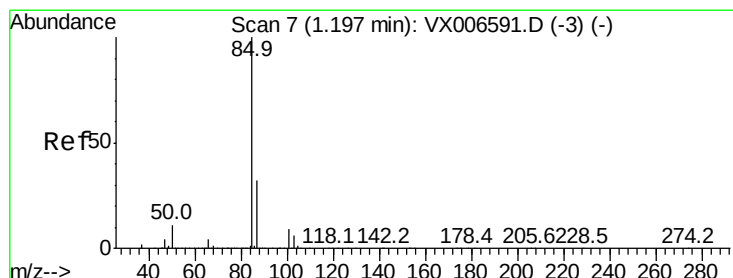
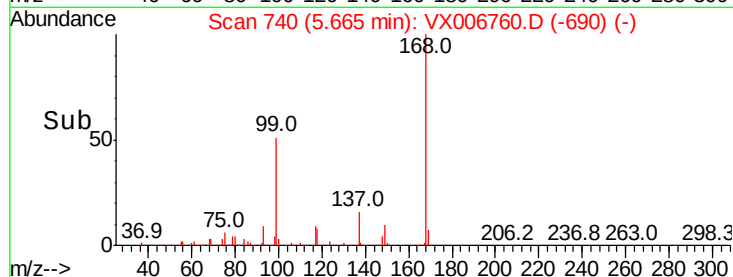
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.110 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006760.D

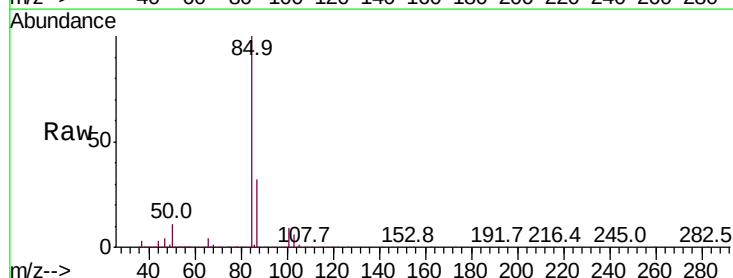
Acq: 22 Dec 2018 08:25

Tgt Ion: 85 Resp: 227490

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

0

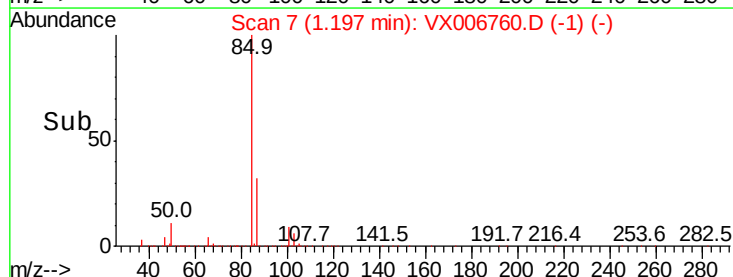
1.15

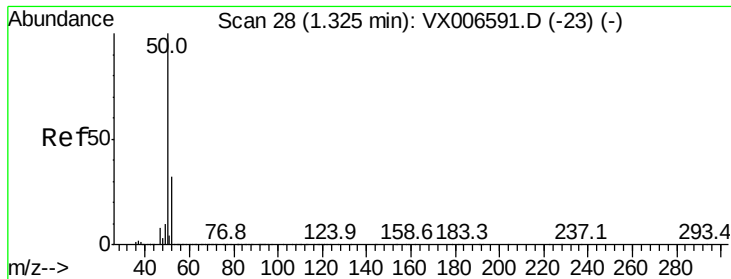
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 45.525 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 252952

Ion Ratio Lower Upper

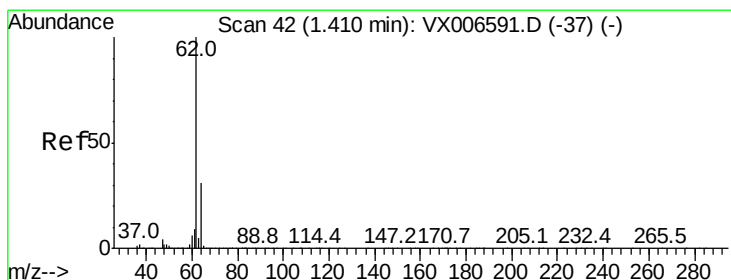
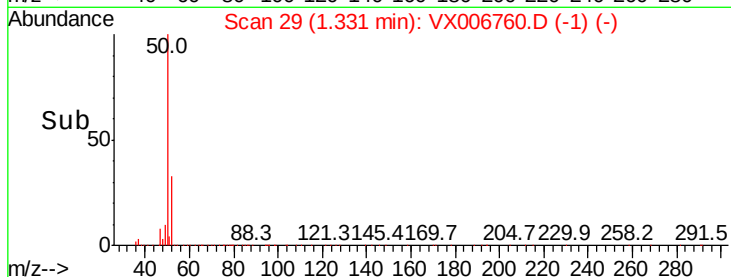
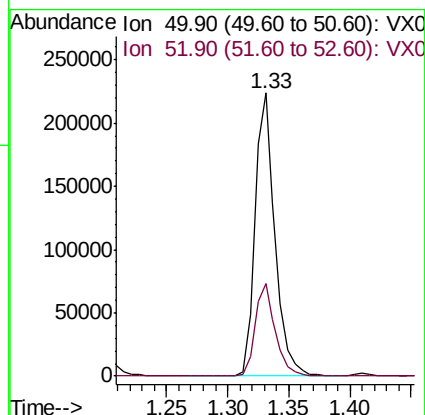
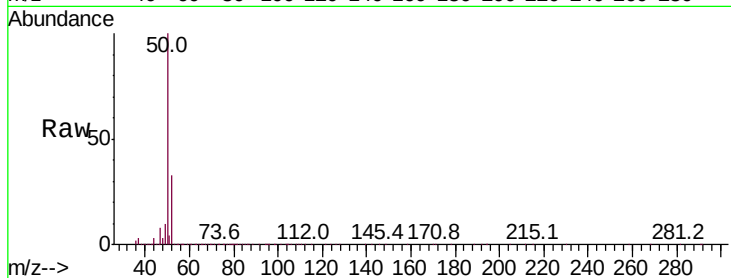
50 100

52 32.9 25.4 38.2

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#4

Vinyl Chloride

Concen: 47.594 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006760.D

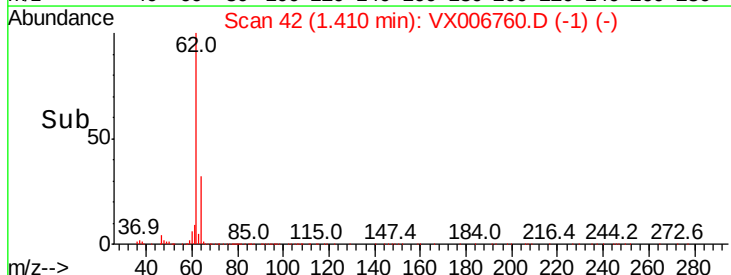
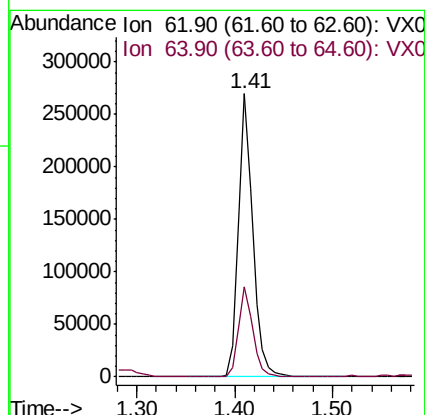
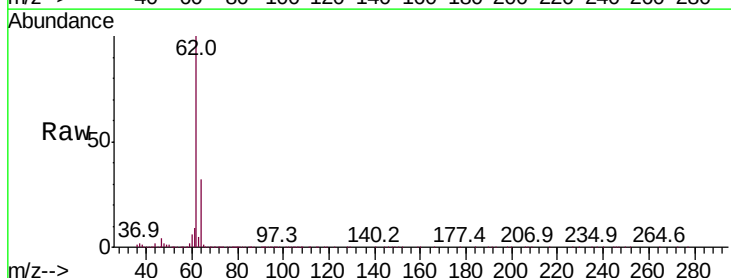
Acq: 22 Dec 2018 08:25

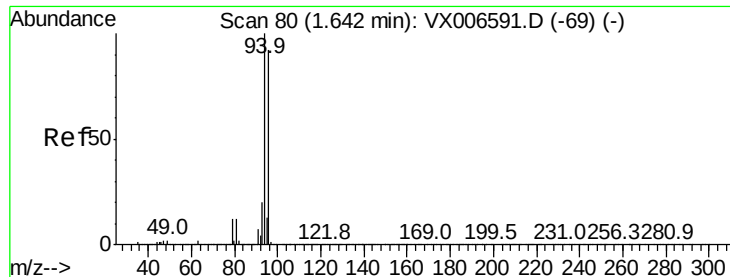
Tgt Ion: 62 Resp: 276190

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 44.068 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tot Ion: 94 Resp: 239876

Ion Ratio Lower Upper

94 100

96 94.1 73.4 110.2

Instrument :

MSVOA_X

ClientSampleId :

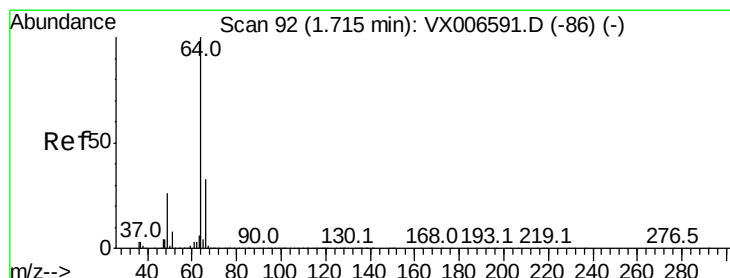
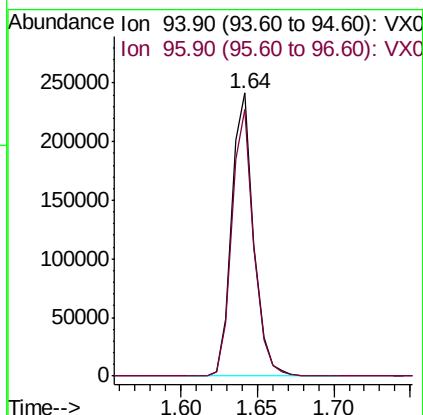
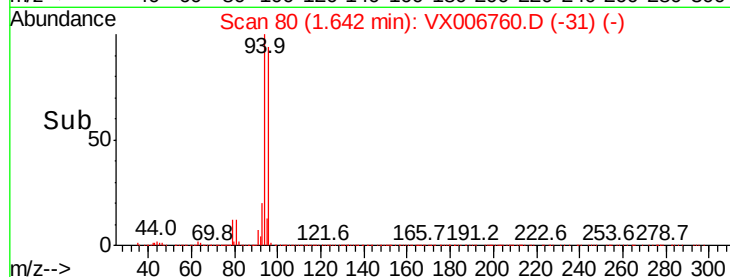
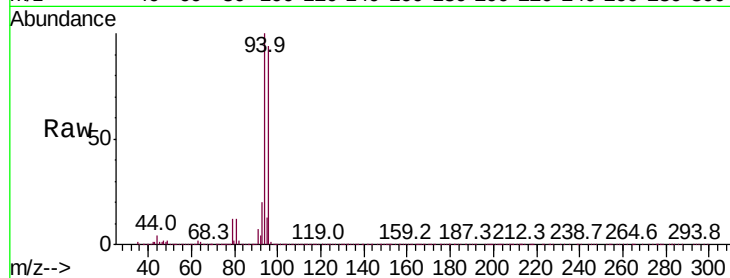
VSTDCCC050

Manual Integrations

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#6

Chloroethane

Concen: 44.339 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006760.D

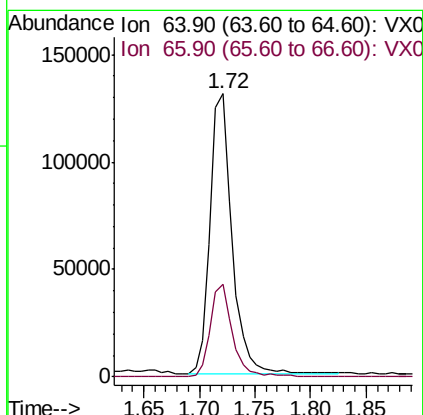
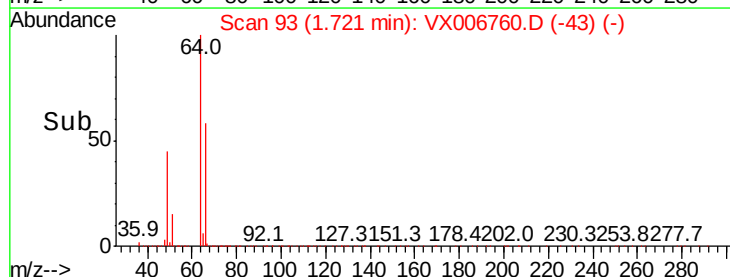
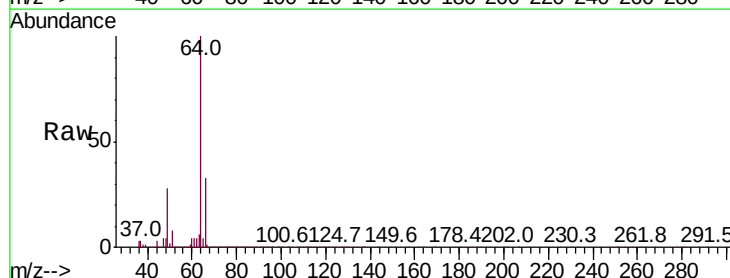
Acq: 22 Dec 2018 08:25

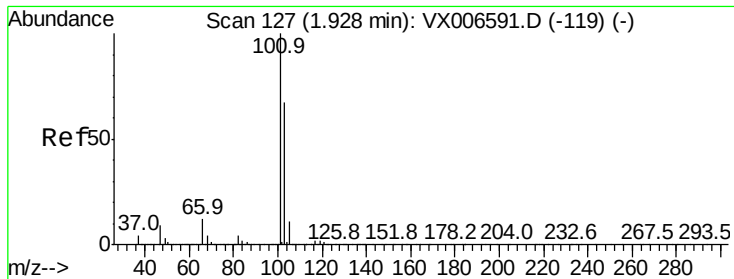
Tgt Ion: 64 Resp: 178158

Ion Ratio Lower Upper

64 100

66 33.1 26.4 39.6





#7

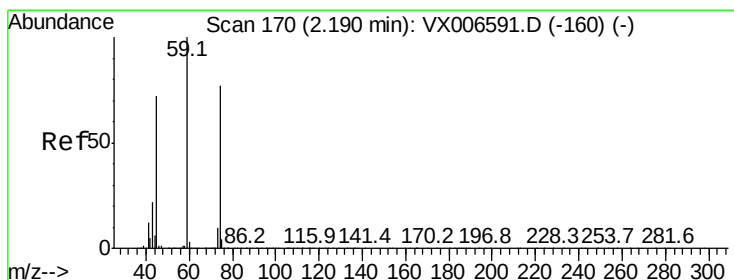
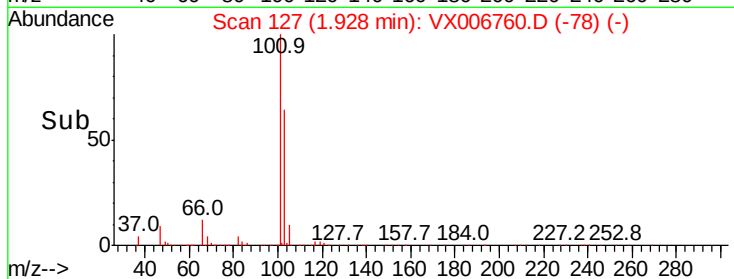
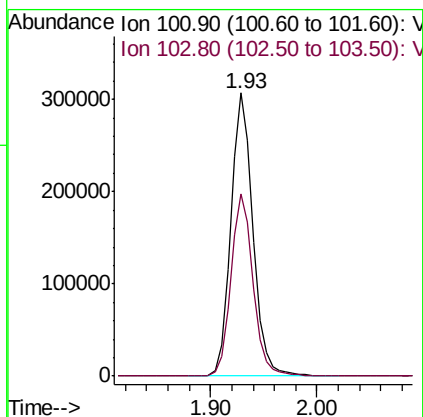
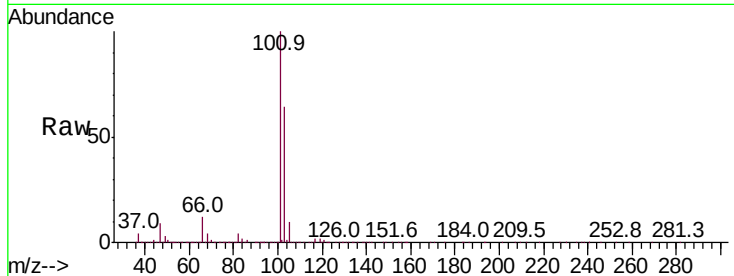
Trichlorofluoromethane
Concen: 49.228 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.2	79.8

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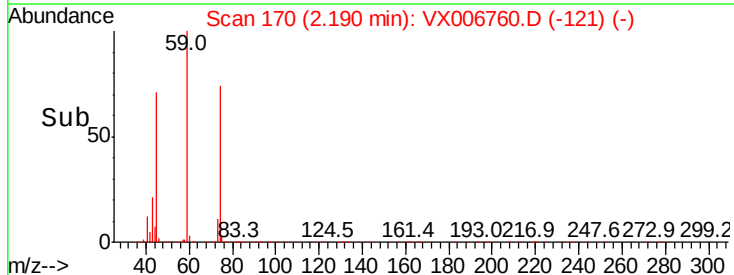
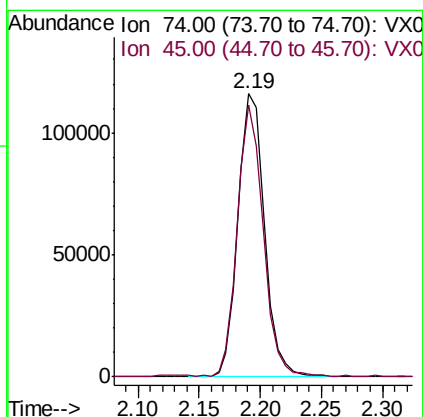
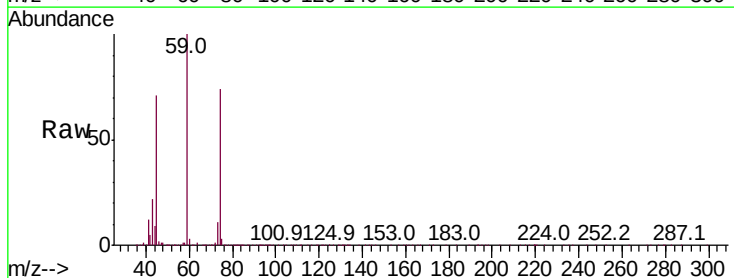
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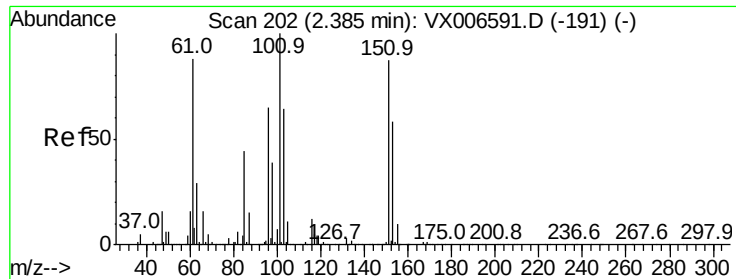


#8

Diethyl Ether
Concen: 48.122 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.480 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

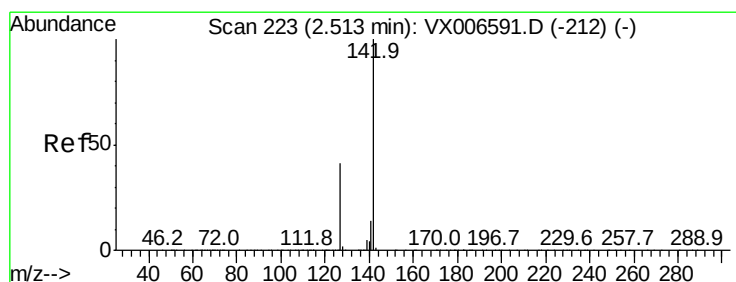
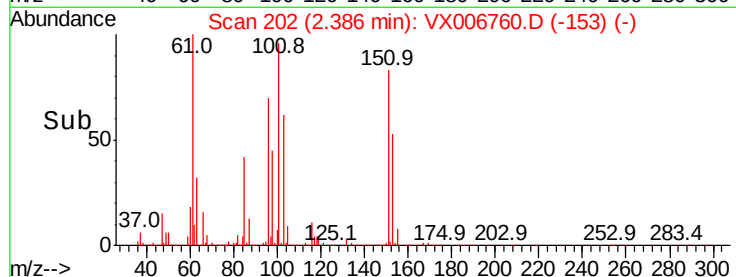
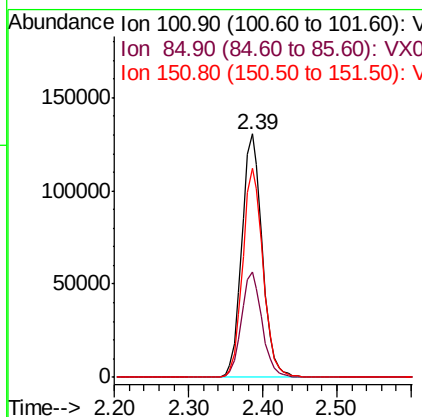
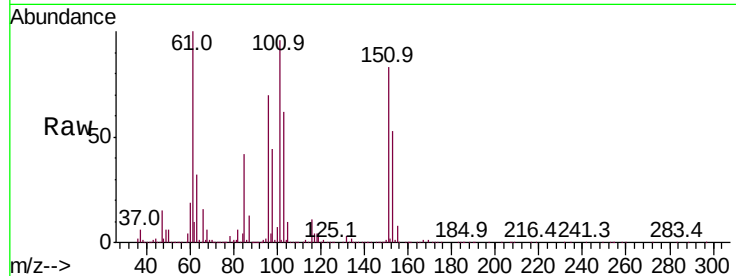
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	252223
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.1	52.7
151	85.2	68.9	103.3

Manual Integrations
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12/22/2018 11:20:30 AM



#10

Methyl Iodide

Concen: 46.038 ug/l

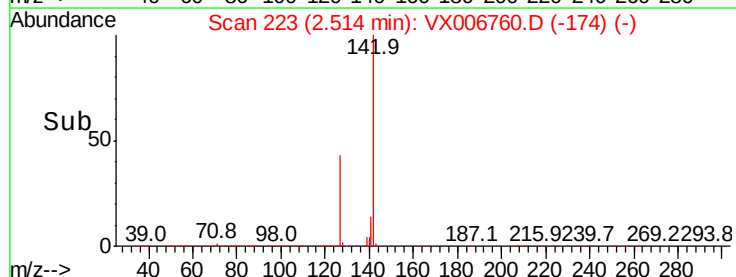
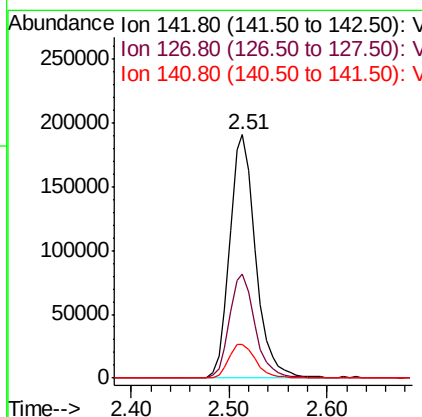
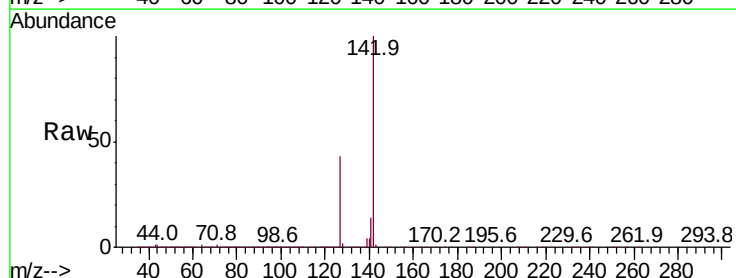
RT: 2.51 min Scan# 223

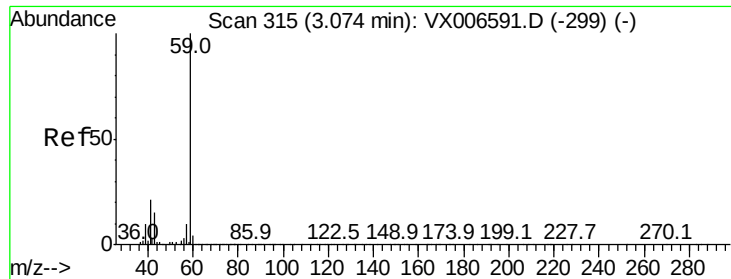
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion:	142	Resp:	350080
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	14.4	11.4	17.0





#11

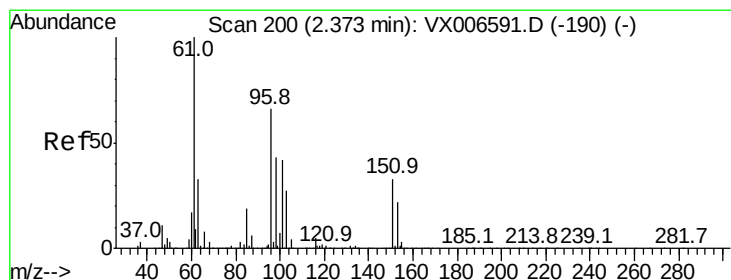
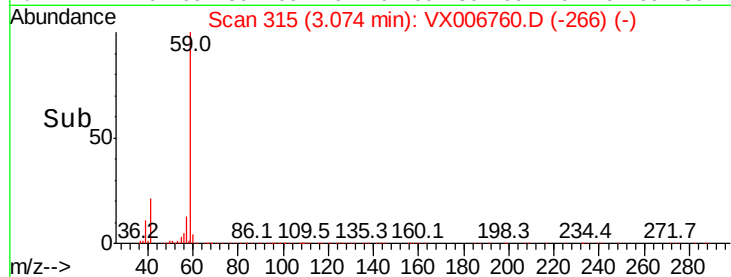
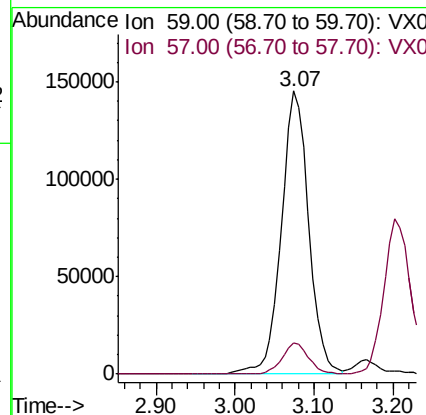
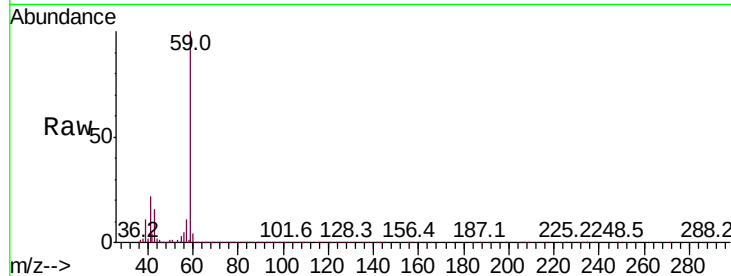
Tert butyl alcohol
 Concen: 258.316 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

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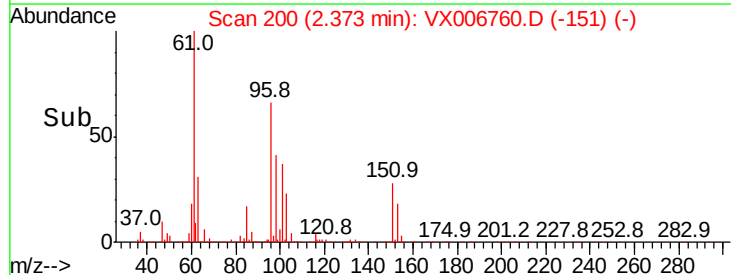
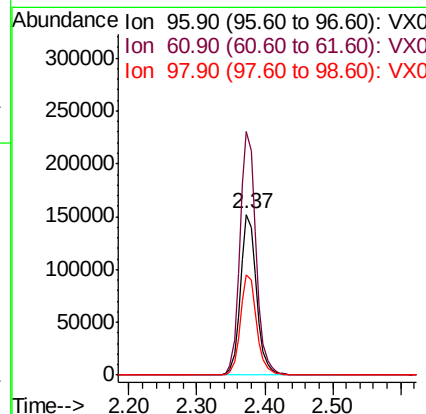
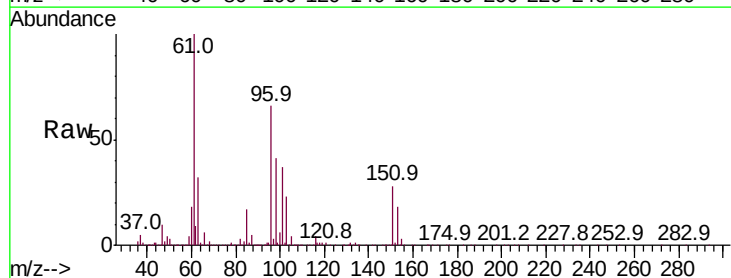
MMDadoda
 12/22/2018 11:20:30 AM

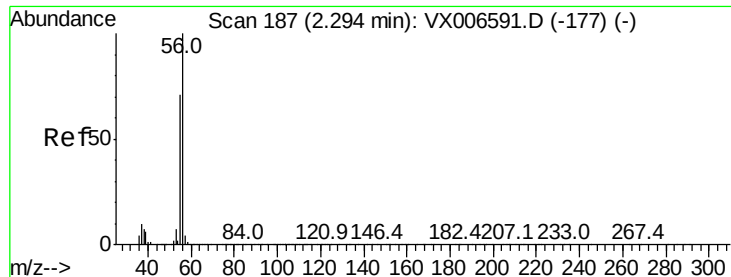


#12

1,1-Dichloroethene
 Concen: 48.977 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	121.4	182.2
98	62.6	51.9	77.9





#13

Acrolein

Concen: 210.489 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 192546

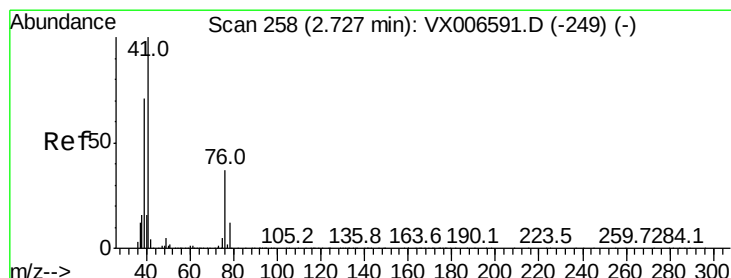
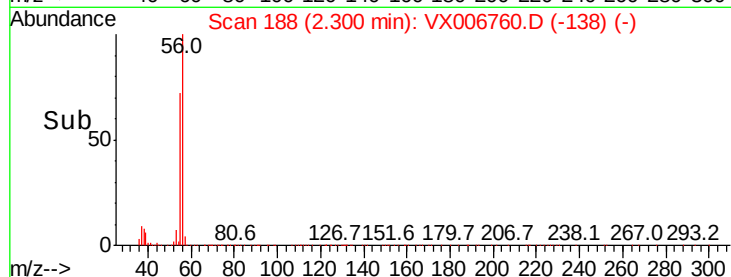
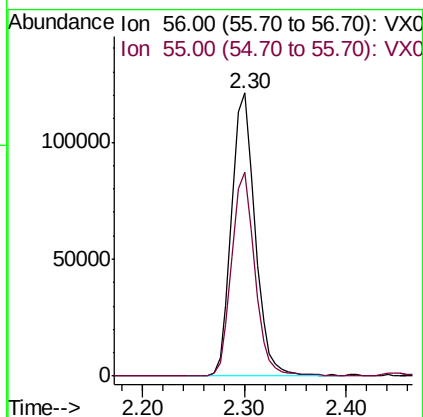
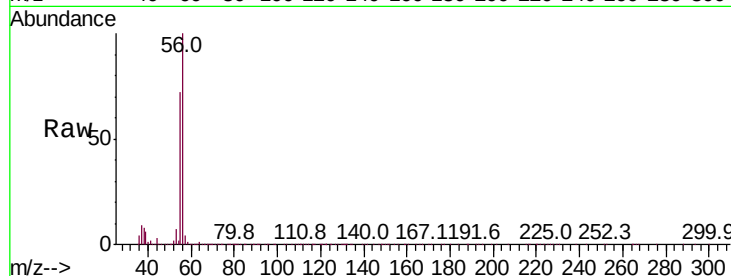
Ion Ratio Lower Upper

56 100

55 70.5 58.2 87.4

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#14

Allyl chloride

Concen: 46.607 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

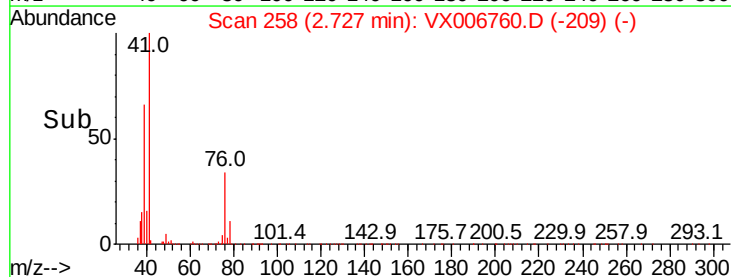
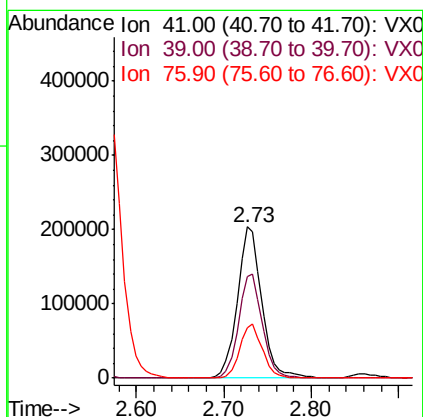
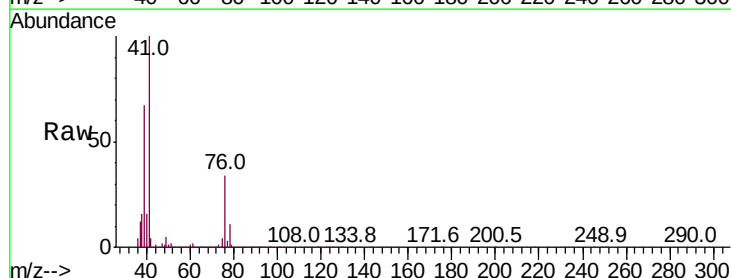
Tgt Ion: 41 Resp: 395161

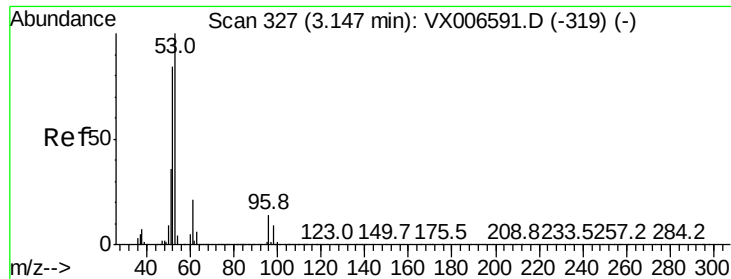
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 32.8 27.4 41.2





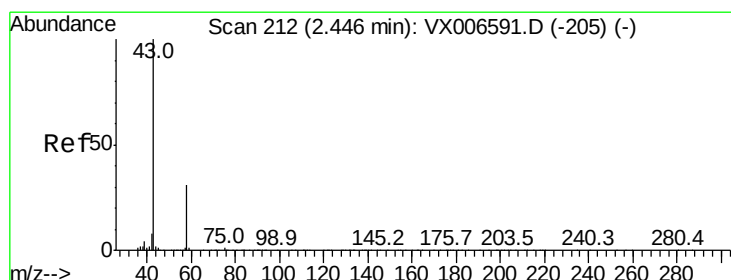
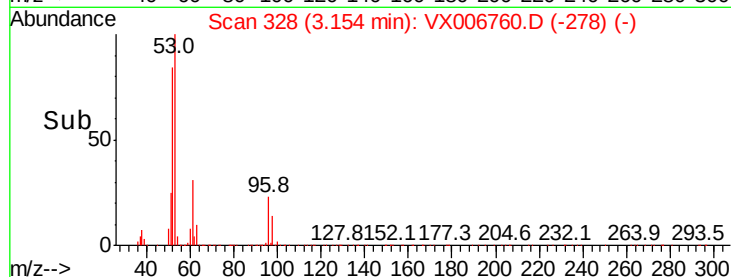
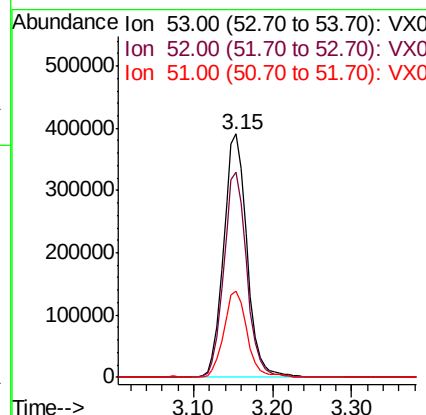
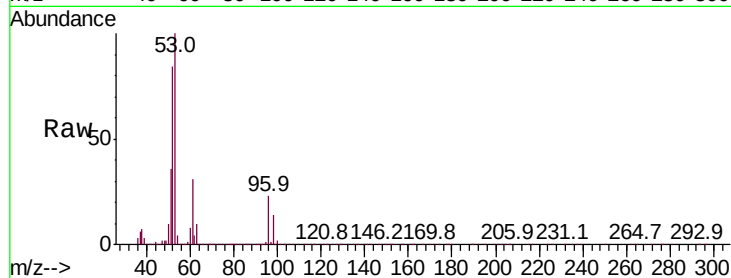
#15
Acrylonitrile
Concen: 265.705 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.0	99.0
51	35.8	28.6	42.8

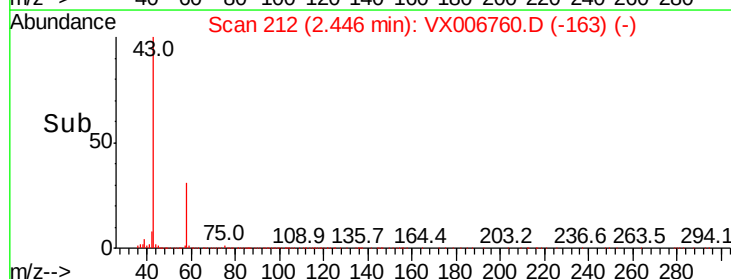
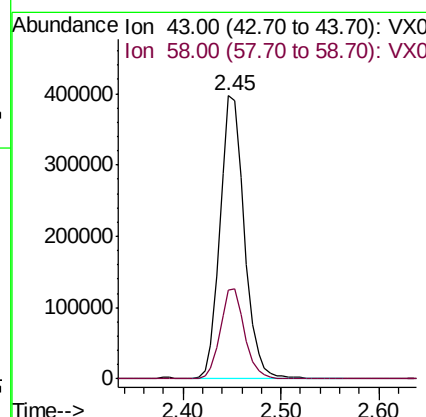
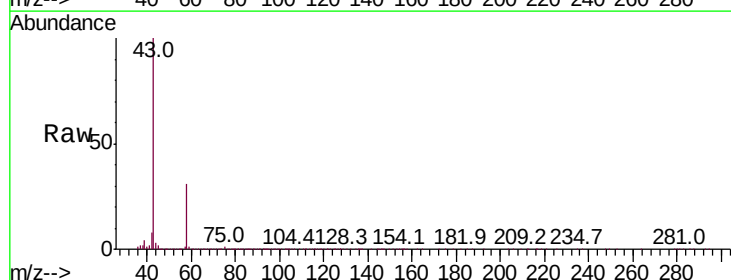
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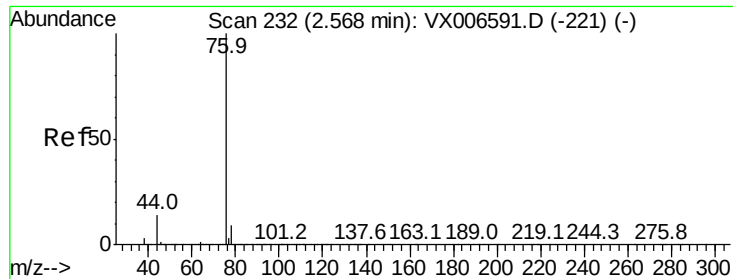
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#16
Acetone
Concen: 244.031 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.0	37.6





#17

Carbon Disulfide

Concen: 42.384 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 564976

Ion Ratio Lower Upper

76 100

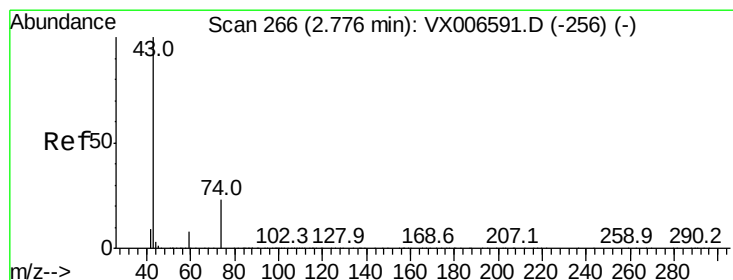
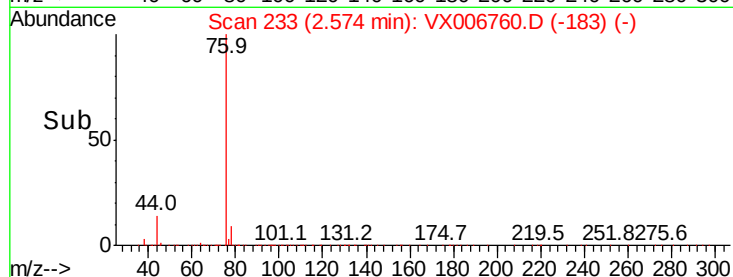
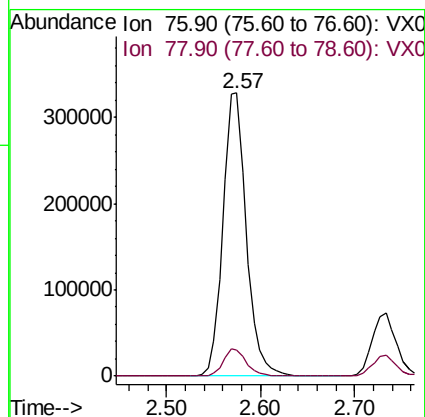
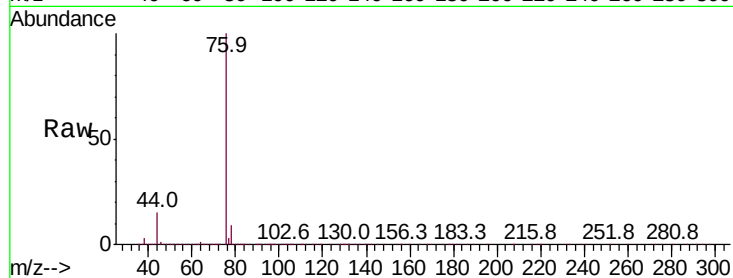
78 9.0 7.0 10.6

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#18

Methyl Acetate

Concen: 56.769 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006760.D

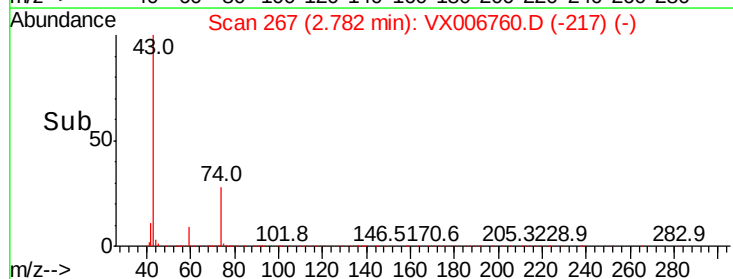
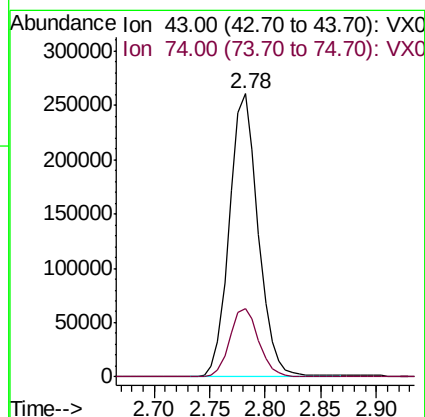
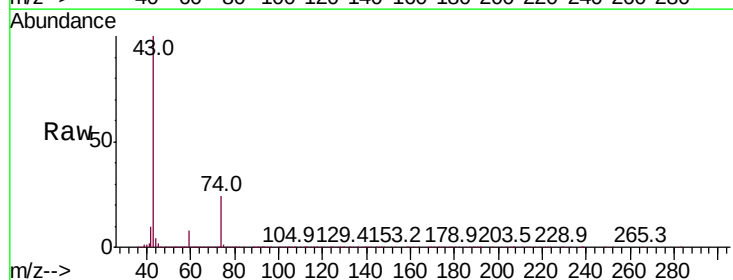
Acq: 22 Dec 2018 08:25

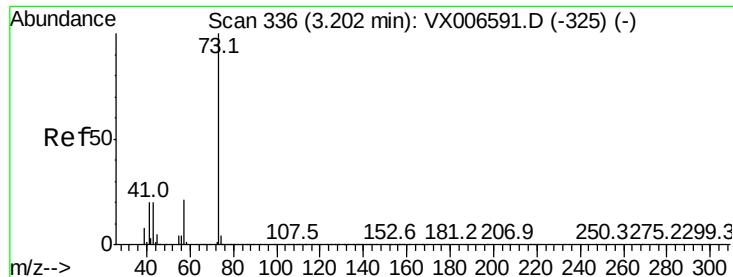
Tgt Ion: 43 Resp: 465977

Ion Ratio Lower Upper

43 100

74 23.9 18.6 28.0





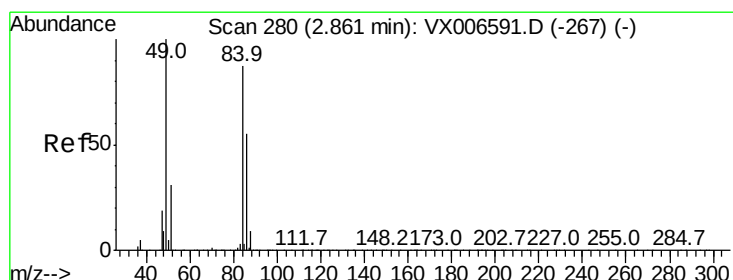
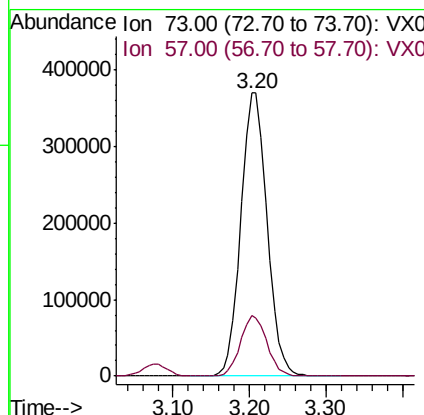
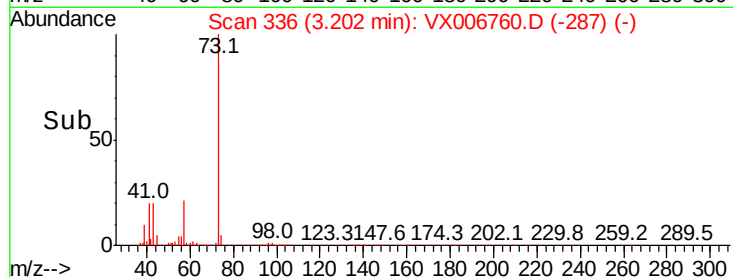
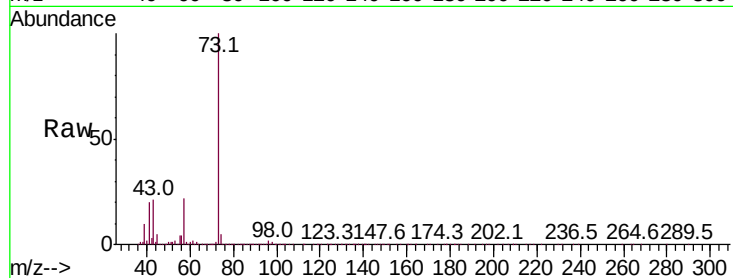
#19
Methyl tert-butyl Ether
Concen: 52.565 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2

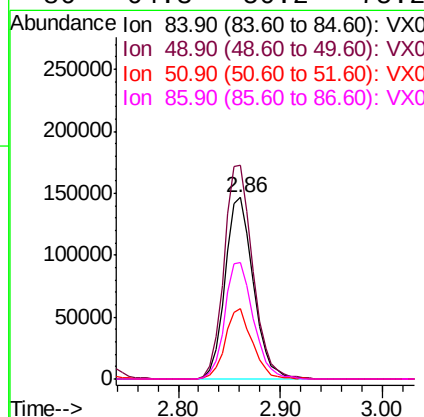
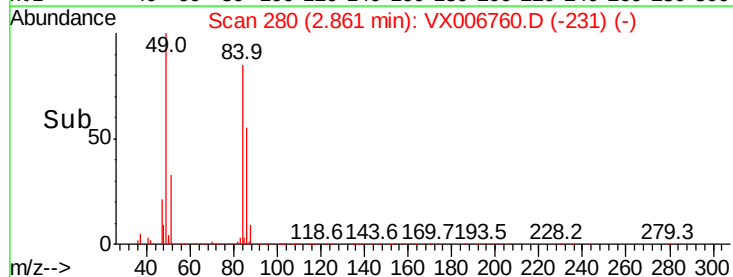
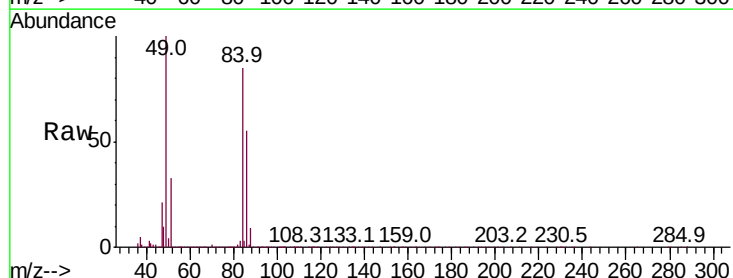
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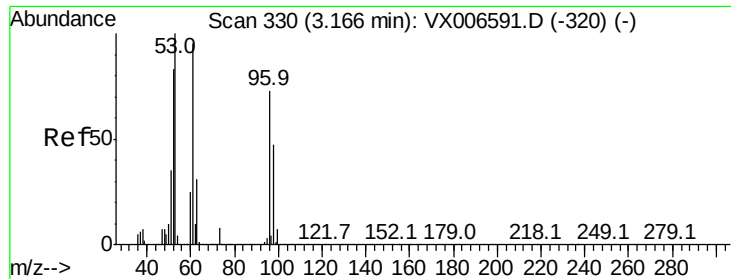
MMDadoda
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#20
Methylene Chloride
Concen: 48.800 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.8	91.8	137.6
51	38.3	28.5	42.7
86	64.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.316 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 264072

Ion Ratio Lower Upper

96 100

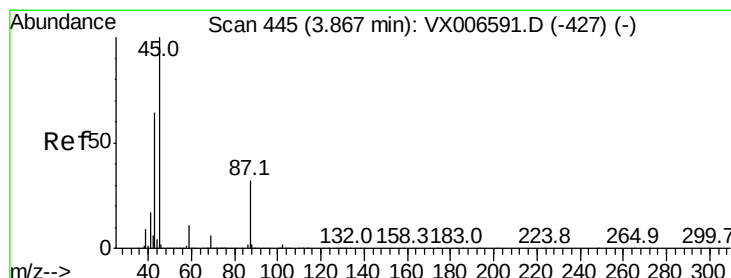
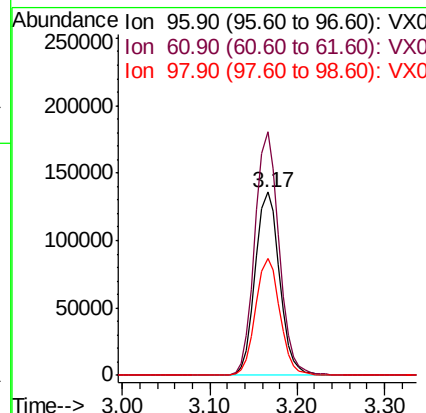
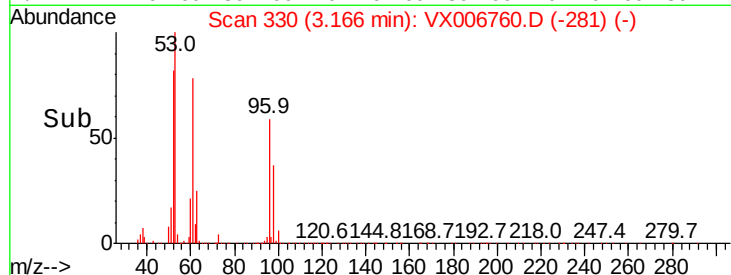
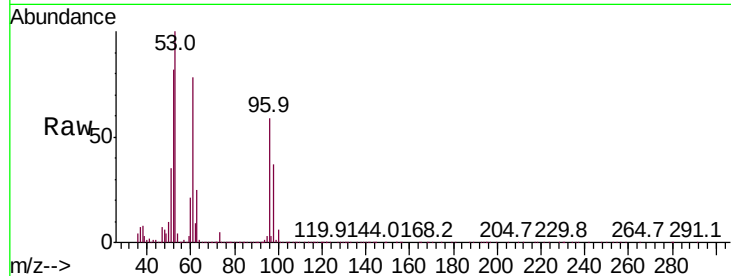
61 132.5 103.7 155.5

98 63.6 51.0 76.6

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#22

Diisopropyl ether

Concen: 52.801 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion: 45 Resp: 818990

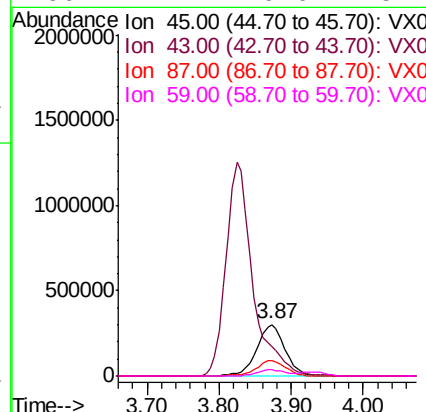
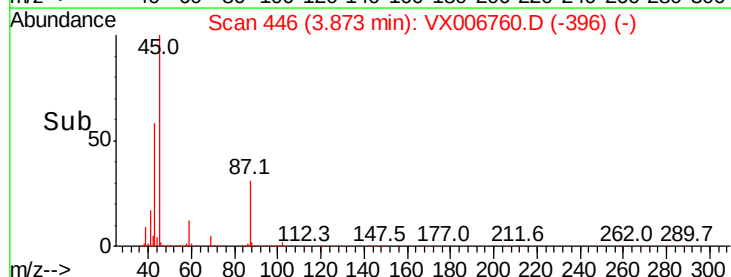
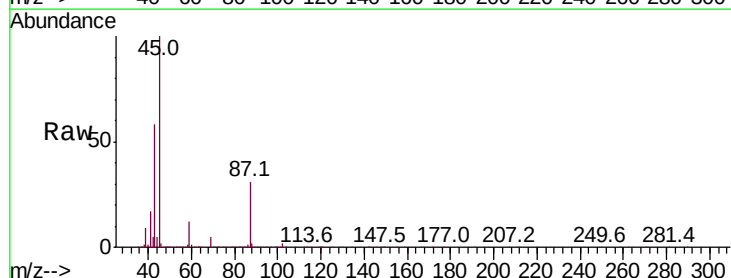
Ion Ratio Lower Upper

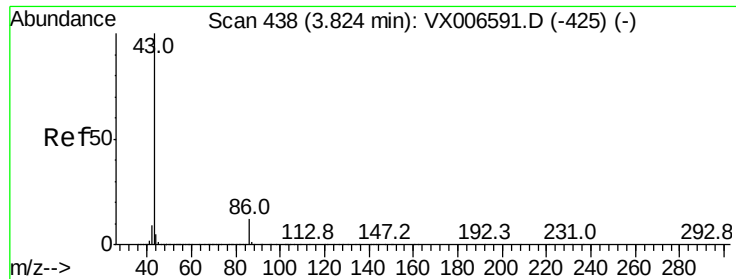
45 100

43 57.5 51.2 76.8

87 30.9 25.8 38.6

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 257.467 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3266590

Ion Ratio Lower Upper

43 100

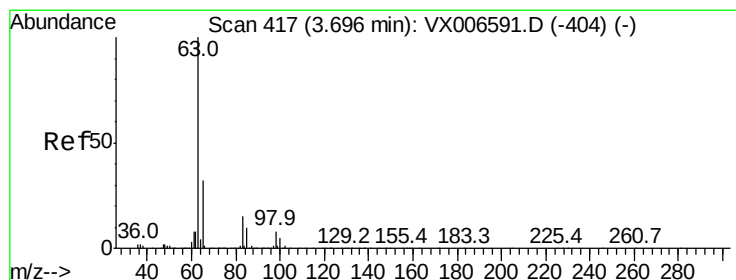
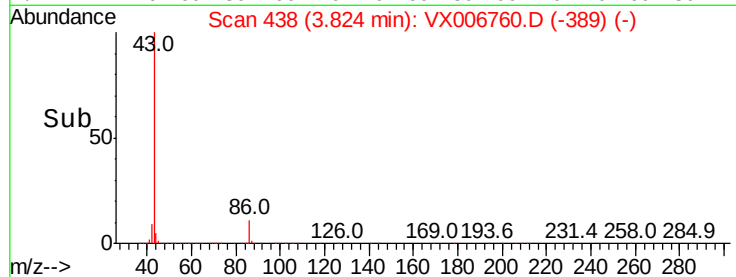
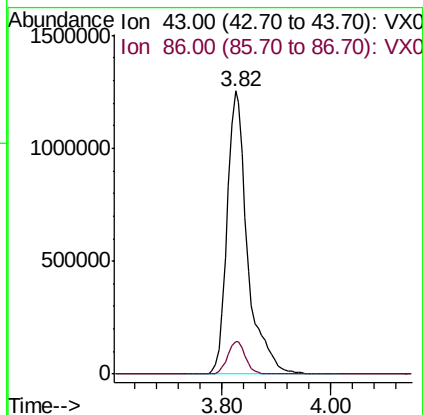
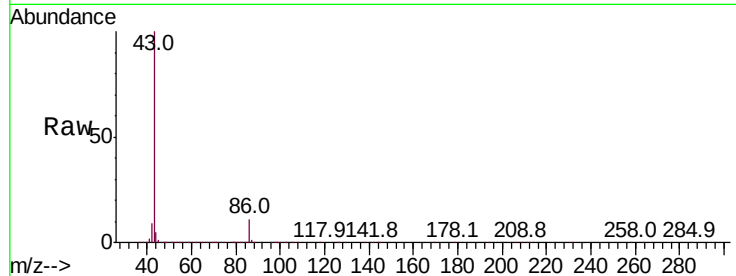
86 11.3 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 48.650 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

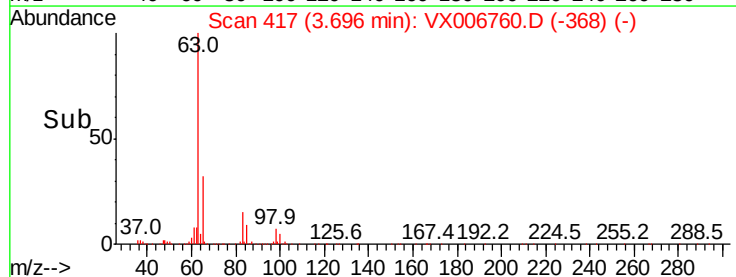
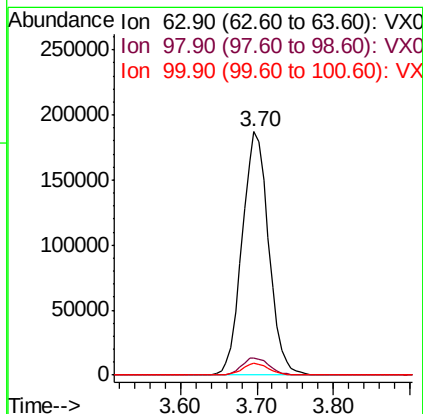
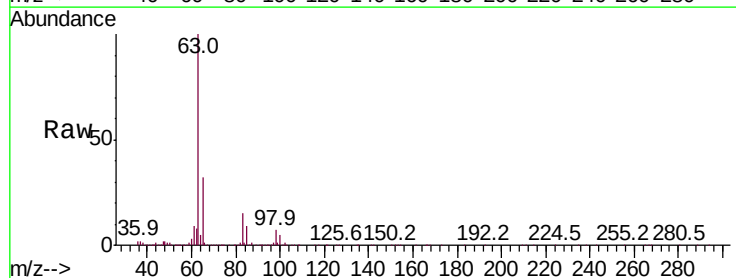
Tgt Ion: 63 Resp: 450462

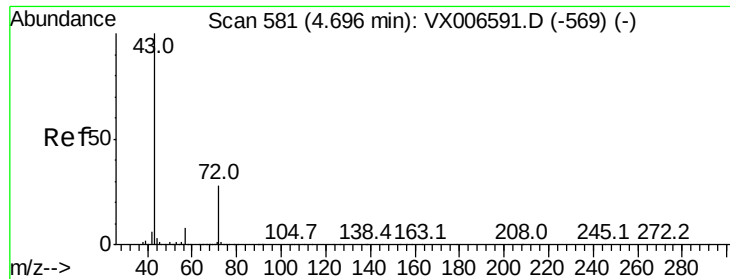
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 256.990 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1009085

Ion Ratio Lower Upper

43 100

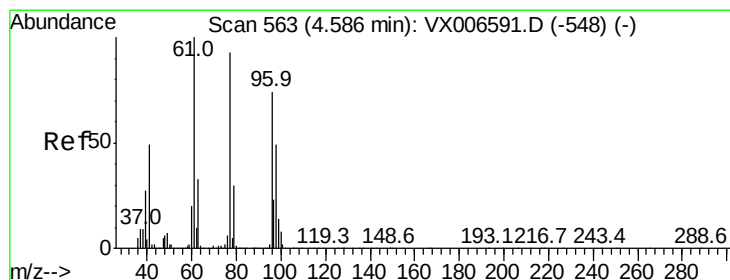
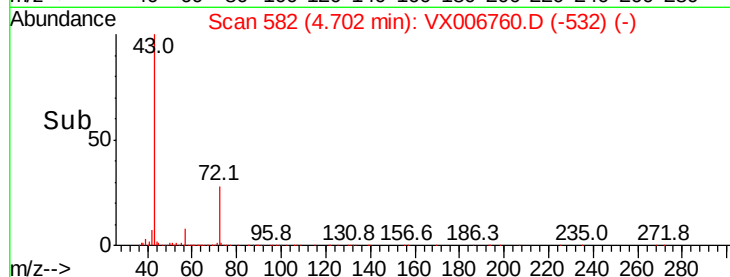
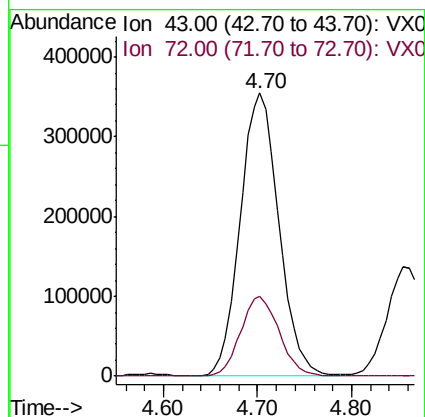
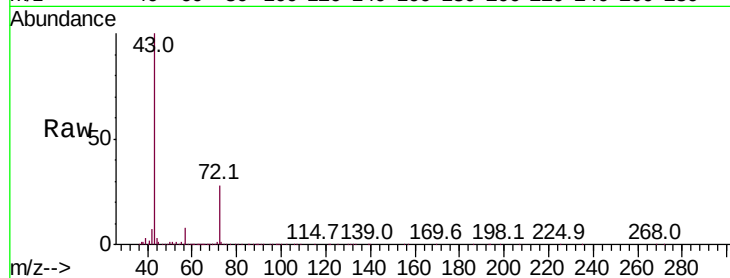
72 28.4 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.930 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006760.D

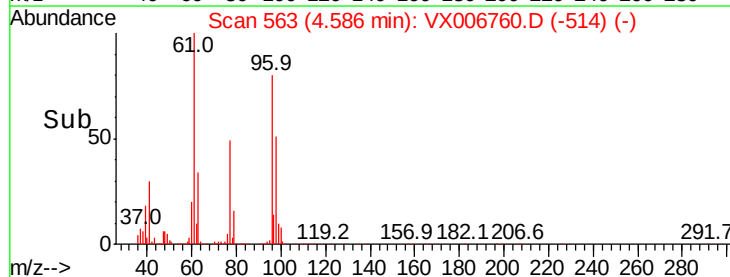
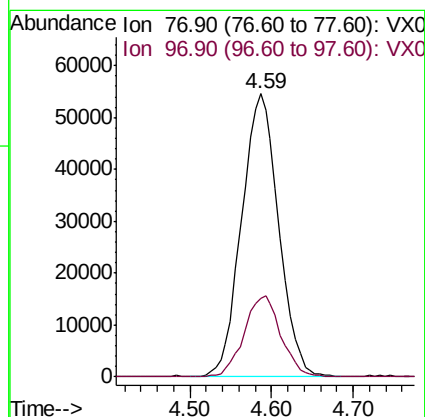
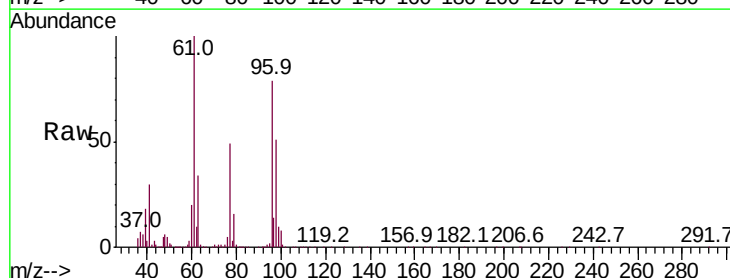
Acq: 22 Dec 2018 08:25

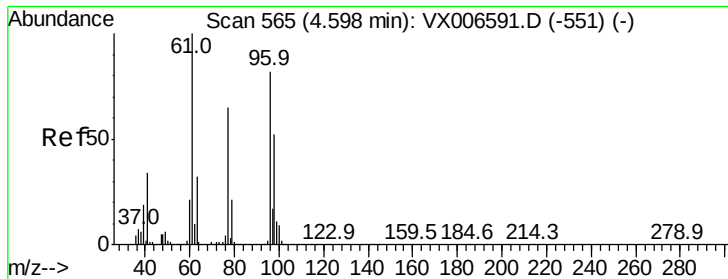
Tgt Ion: 77 Resp: 171157

Ion Ratio Lower Upper

77 100

97 28.8 12.4 37.4





#27

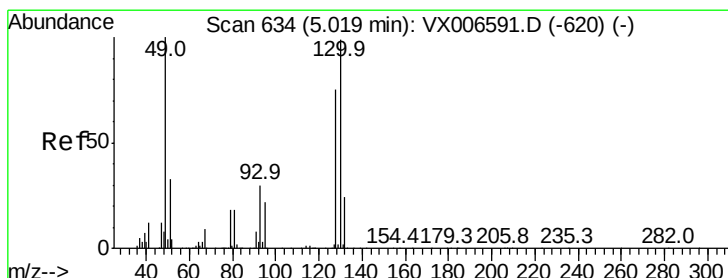
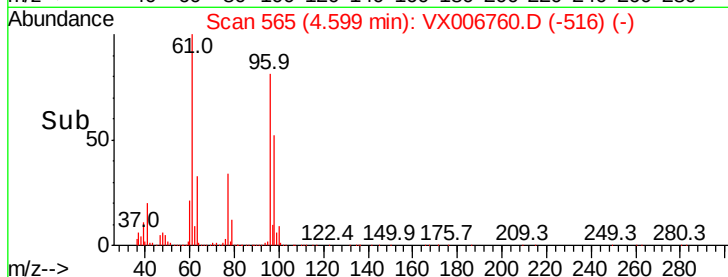
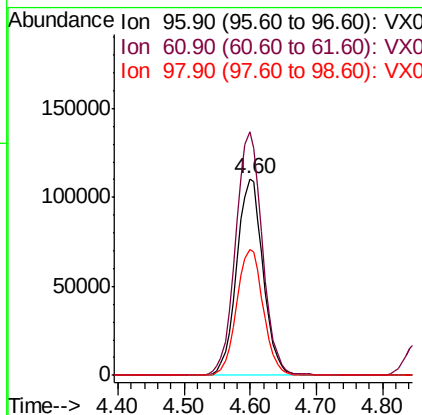
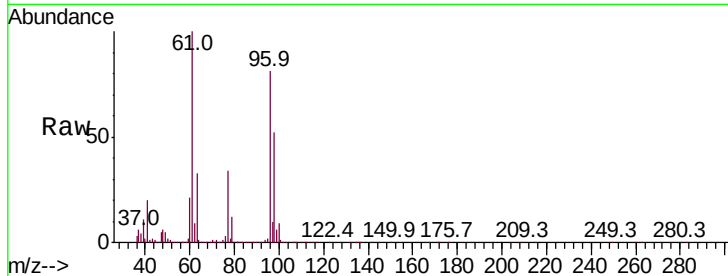
cis-1,2-Dichloroethene
Concen: 49.579 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	305290		
61	124.9	0.0	258.6	
98	65.0	0.0	132.0	

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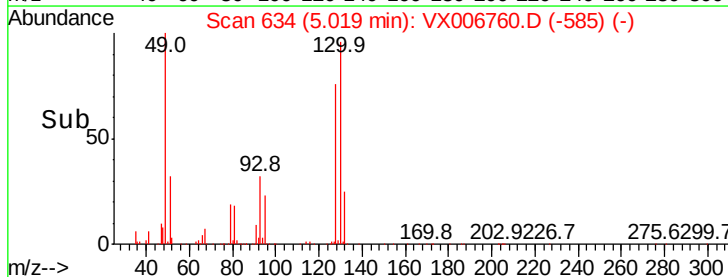
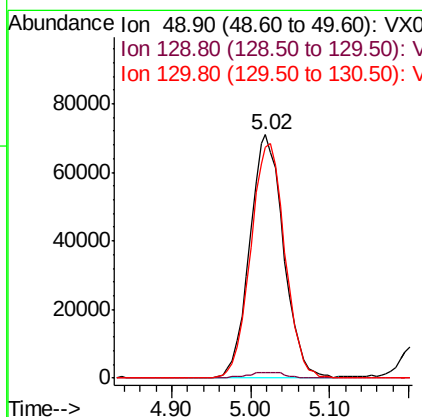
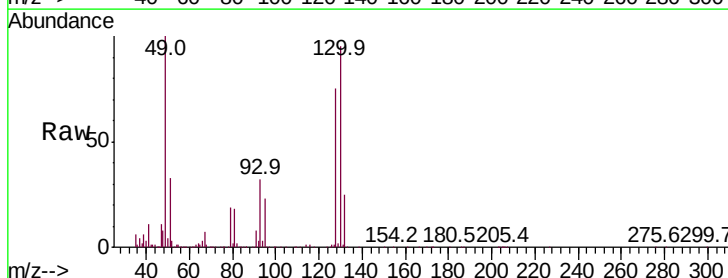
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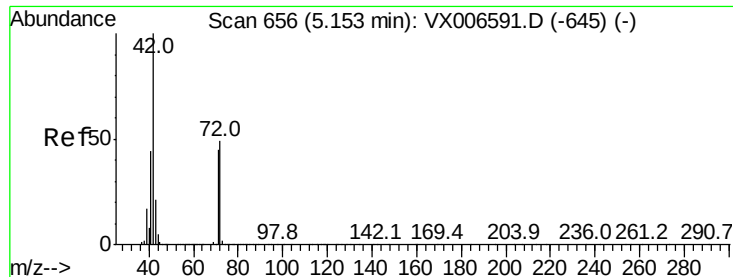


#28

Bromochloromethane
Concen: 54.262 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	211180		
129	2.6	0.0	5.4	
130	97.4	77.7	116.5	





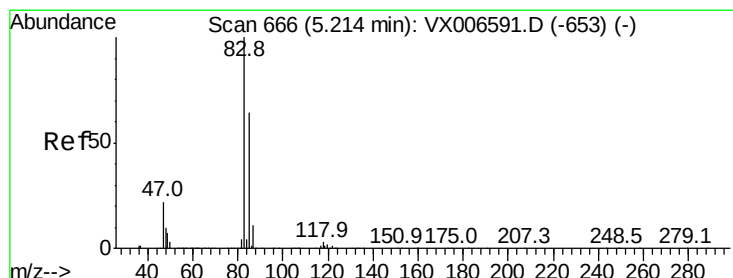
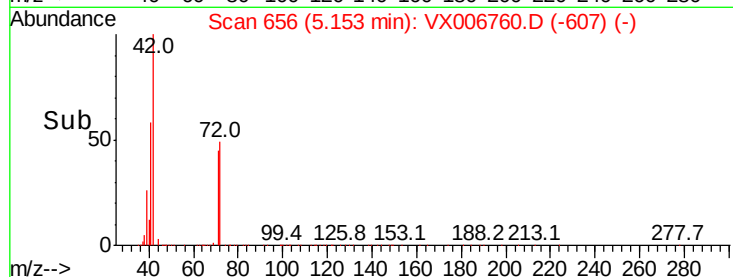
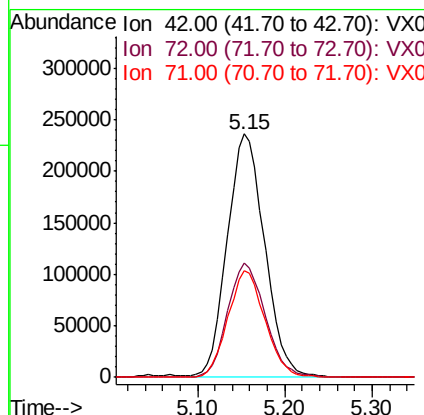
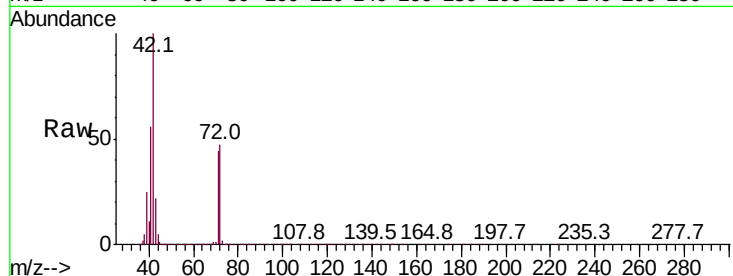
#29
Tetrahydrofuran
Concen: 270.283 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.9	58.3
71	43.6	36.2	54.4

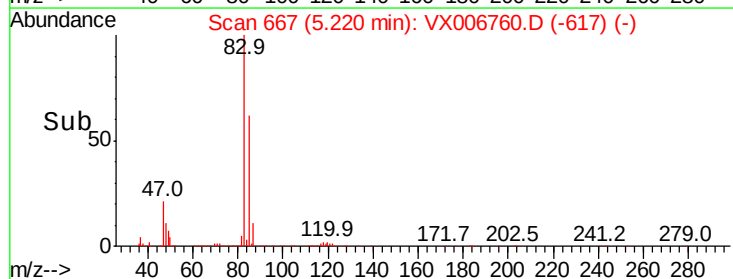
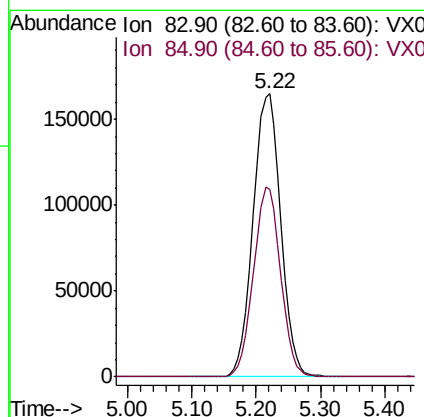
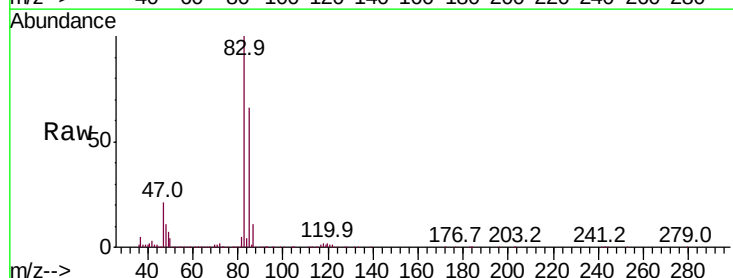
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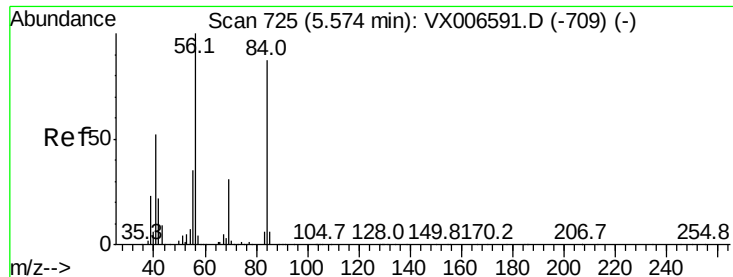
MMDadoda
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#30
Chloroform
Concen: 50.607 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.2	76.8





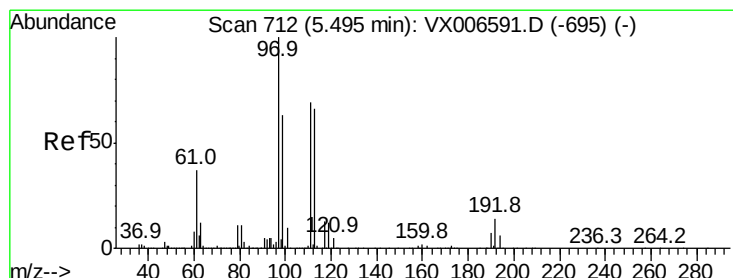
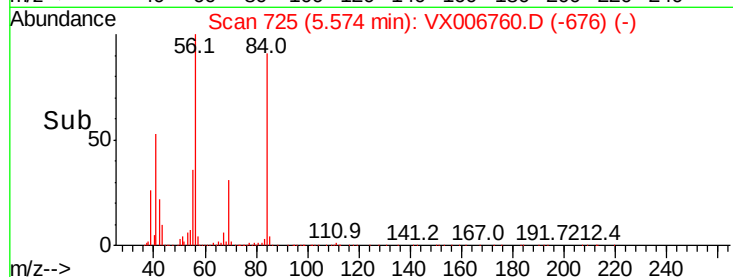
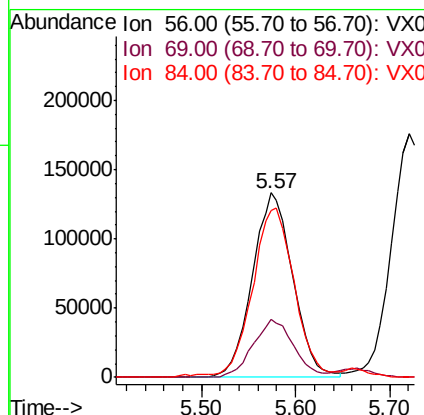
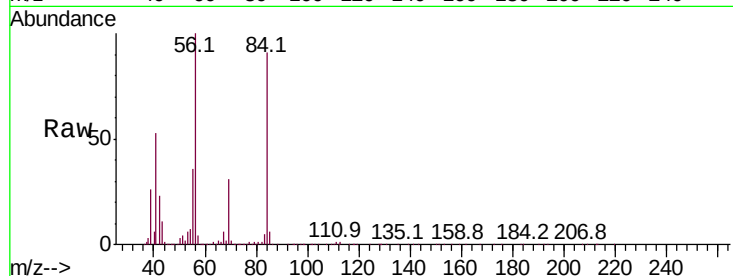
#31
Cyclohexane
Concen: 47.690 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.4	36.6
84	89.5	70.0	105.0

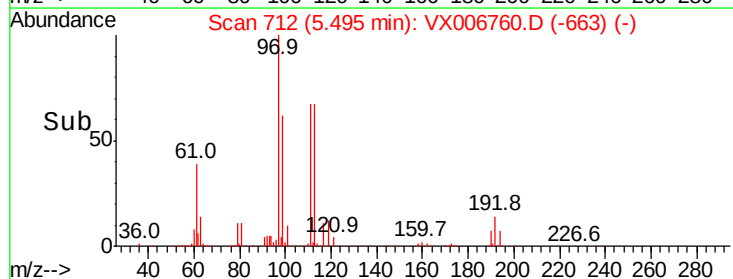
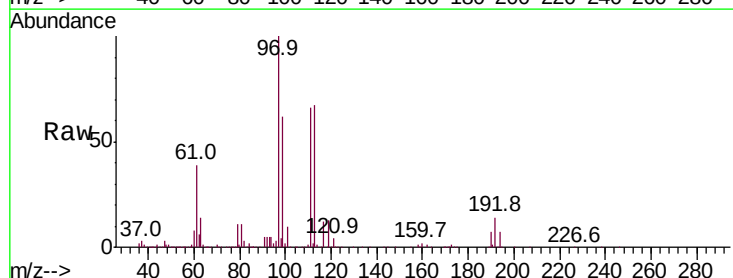
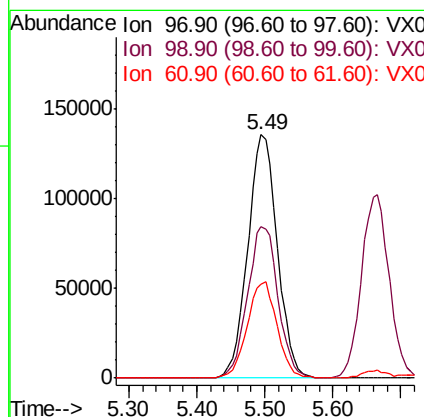
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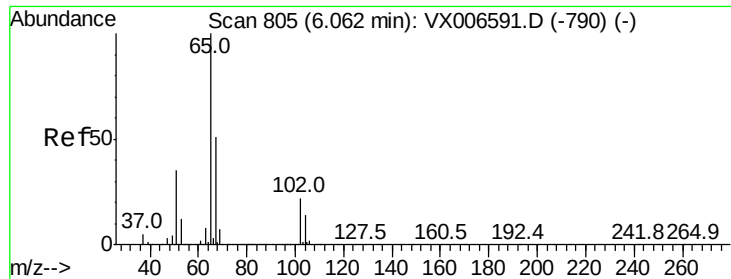
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#32
1,1,1-Trichloroethane
Concen: 50.623 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	39.7	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 51.400 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006760.D

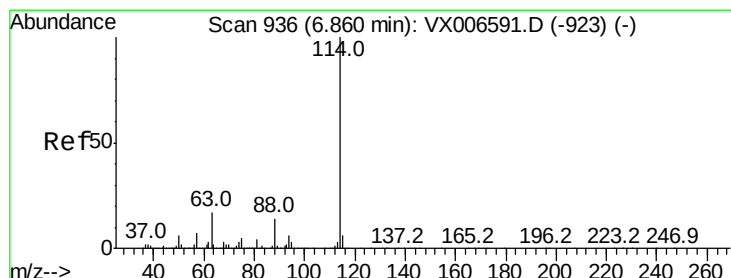
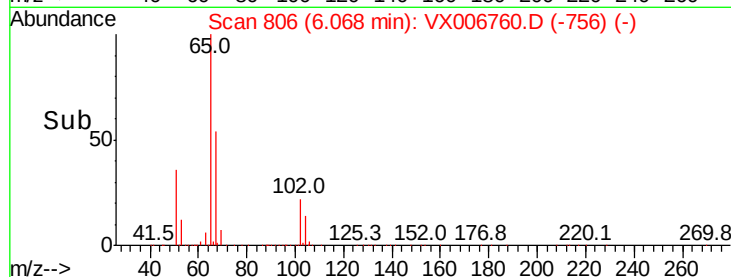
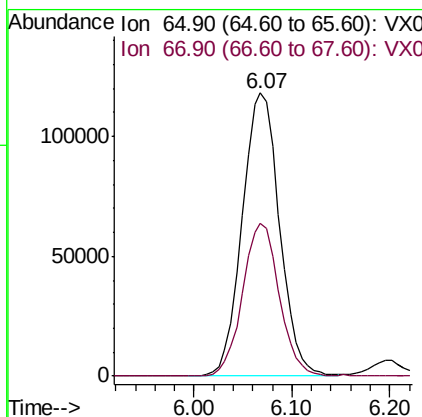
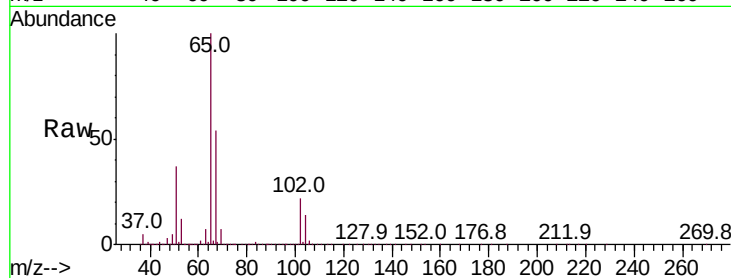
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	312305		
67	52.9	0.0	105.0	

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

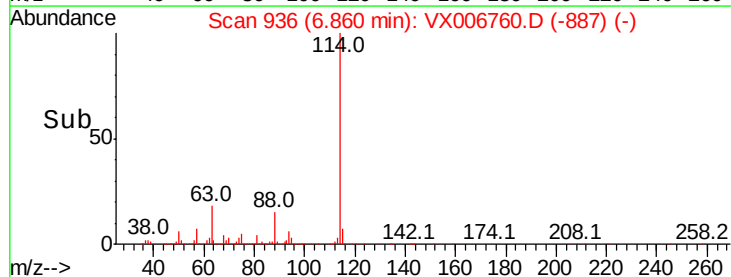
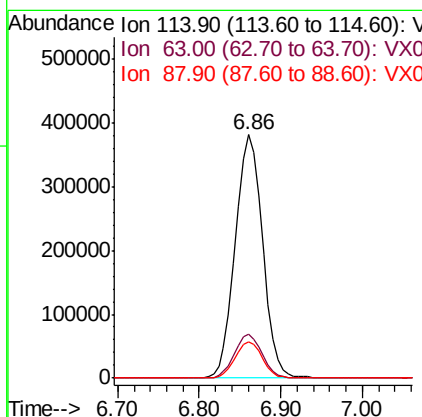
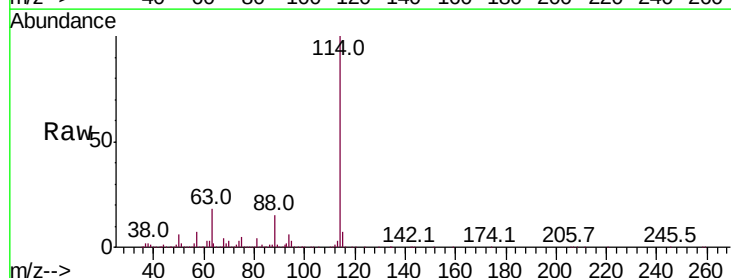
RT: 6.86 min Scan# 936

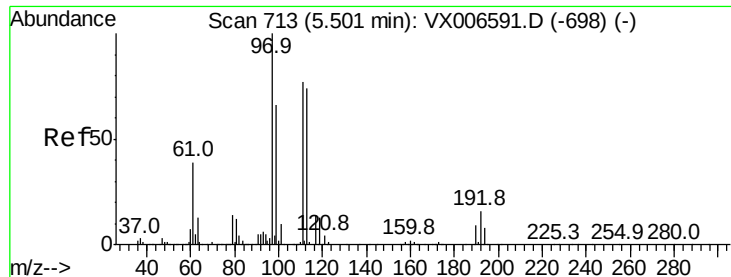
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	885194		
63	18.1	0.0	34.8	
88	14.7	0.0	28.8	





#35

Dibromofluoromethane

Concen: 51.270 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

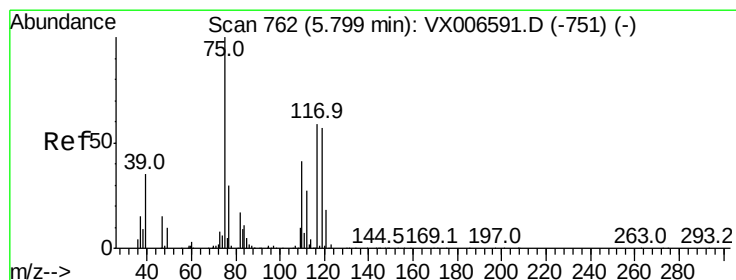
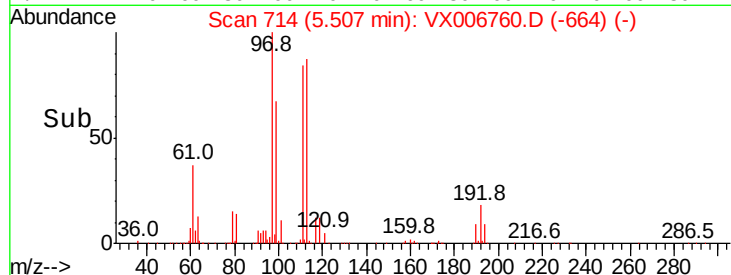
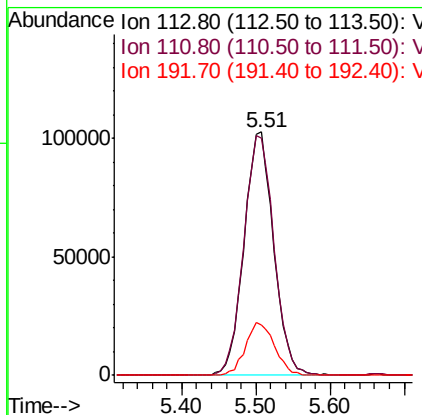
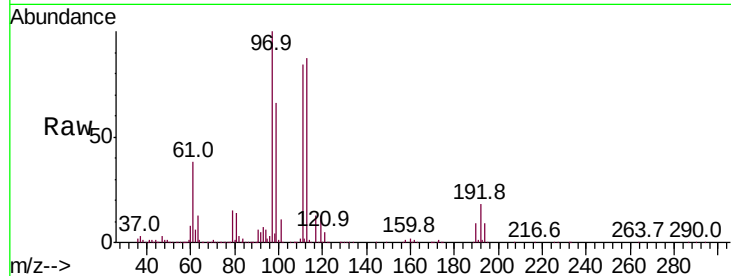
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	286999
Ion Ratio	Lower	Upper	
113	100		
111	100.6	81.6	122.4
192	21.5	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 48.133 ug/l

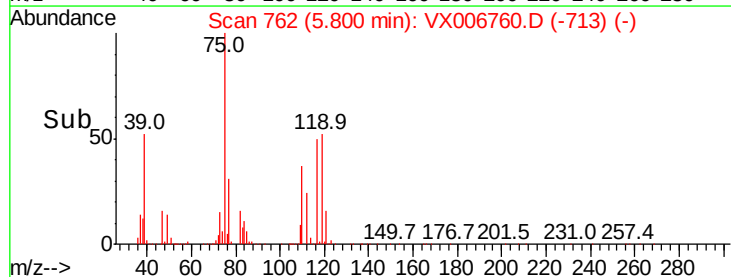
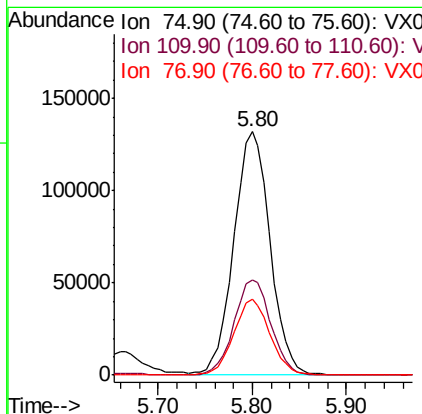
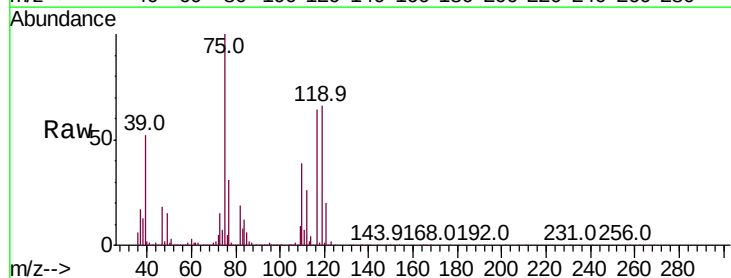
RT: 5.80 min Scan# 762

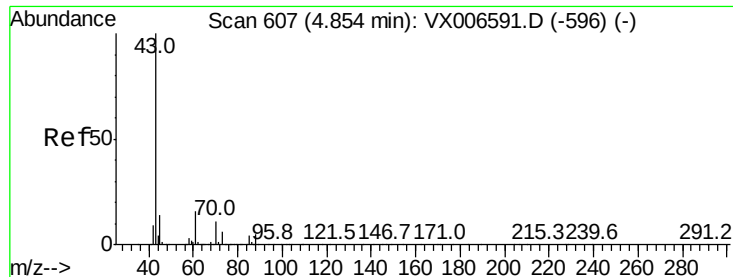
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion:	75	Resp:	352882
Ion Ratio	Lower	Upper	
75	100		
110	40.2	20.2	60.5
77	31.1	24.8	37.2





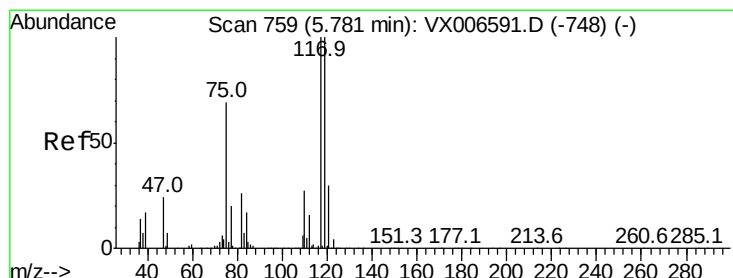
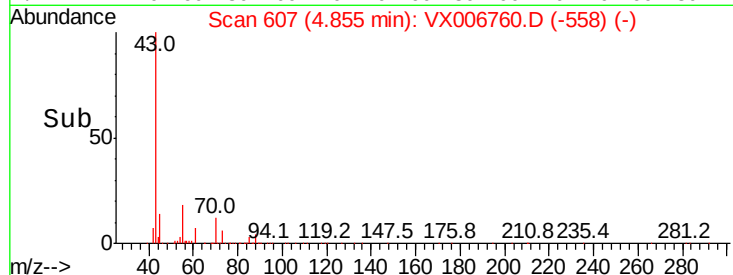
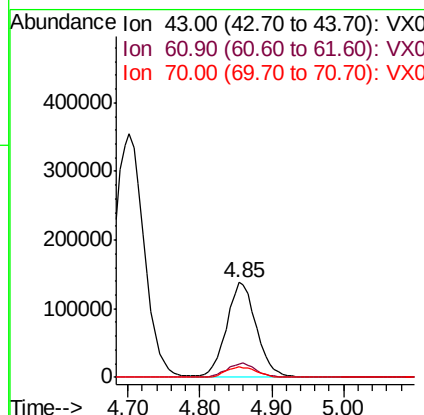
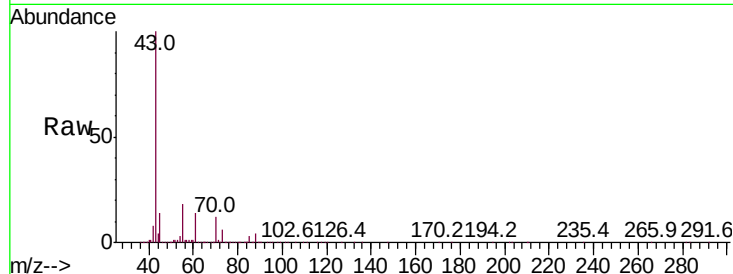
#37
Ethyl Acetate
Concen: 51.868 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.4	9.7	14.5

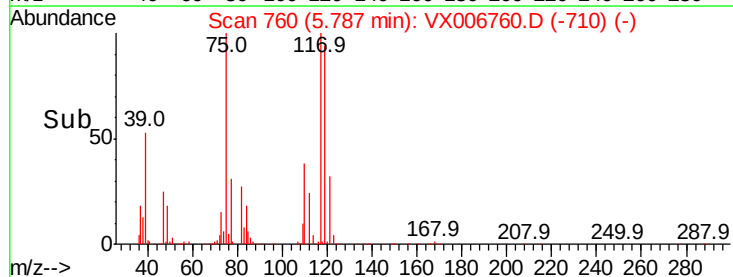
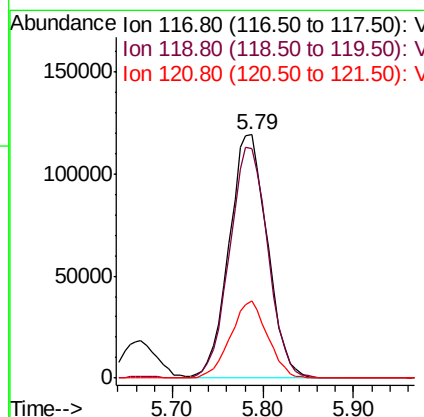
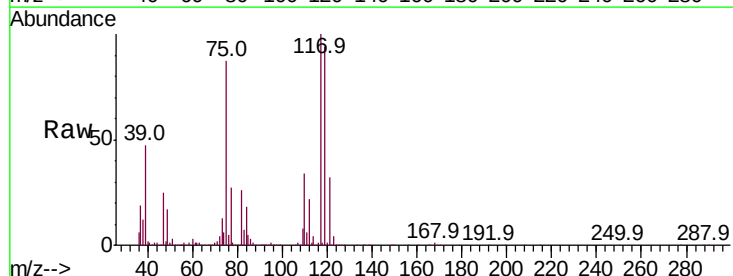
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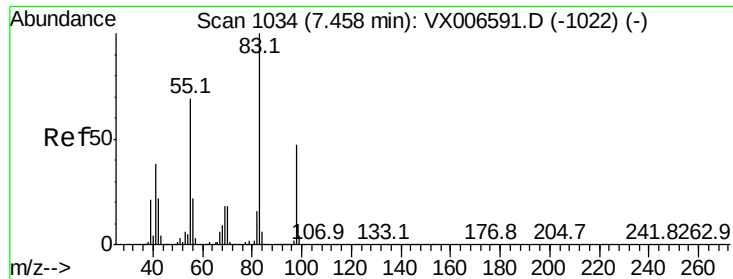
MMDadoda
12/22/2018 11:20:30 AM



#38
Carbon Tetrachloride
Concen: 48.906 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	79.4	119.2
121	32.0	24.0	36.0





#39

Methylvlcyclohexane

Concen: 44.973 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

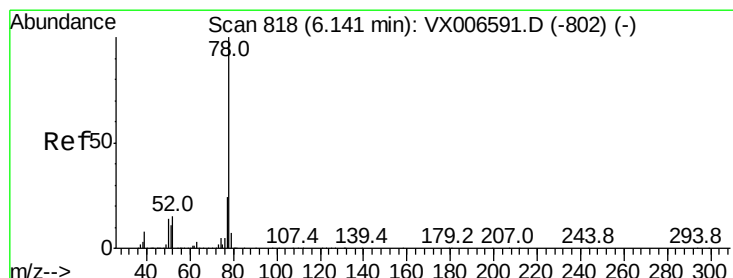
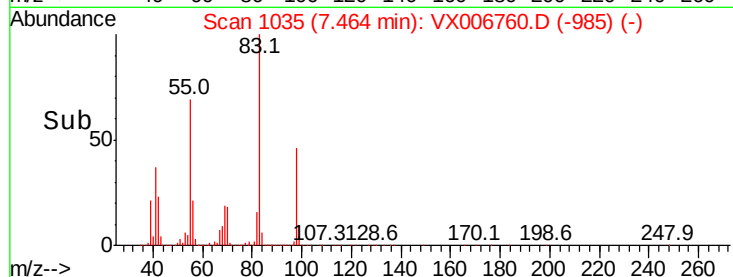
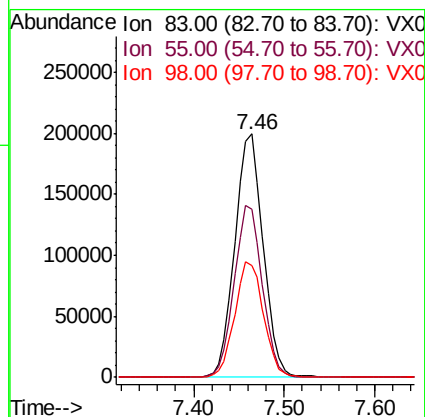
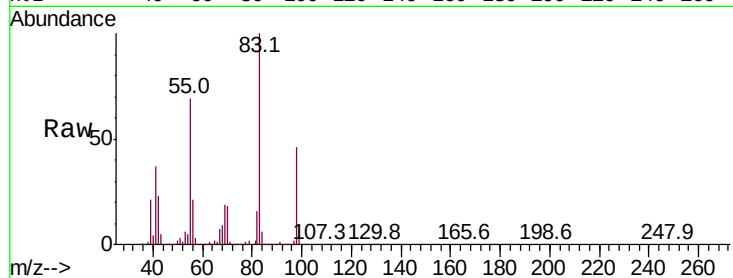
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	434078
Ion Ratio	Lower	Upper	
83	100		
55	69.1	54.9	82.3
98	45.7	37.9	56.9

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#40

Benzene

Concen: 49.177 ug/l

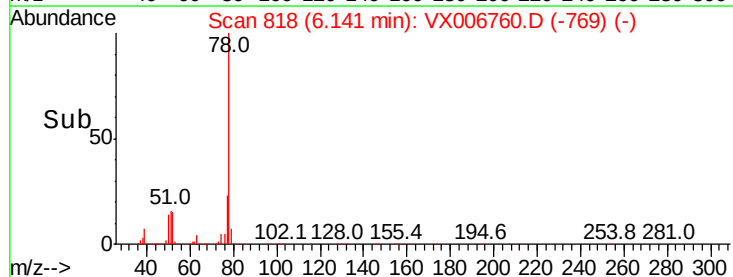
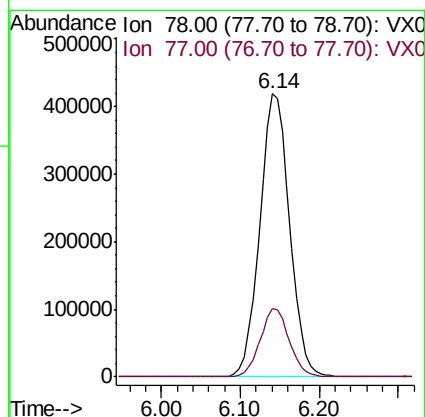
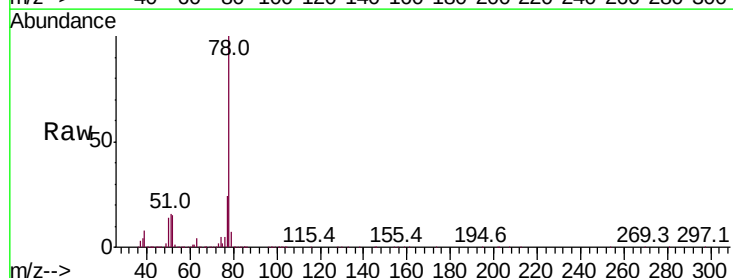
RT: 6.14 min Scan# 818

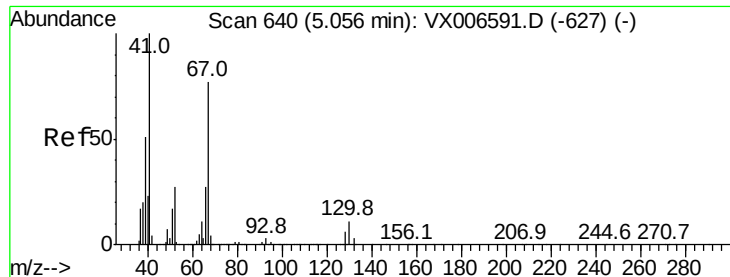
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion:	78	Resp:	1095914
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.2	28.8





#41

Methacrylonitrile

Concen: 53.993 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

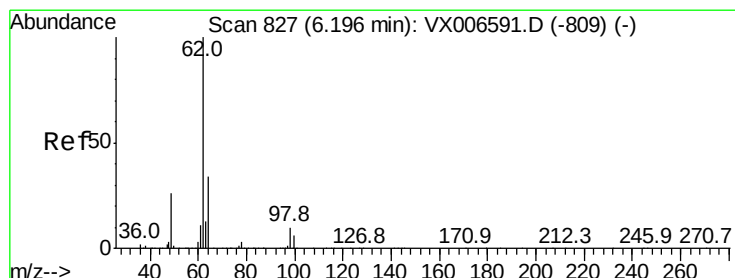
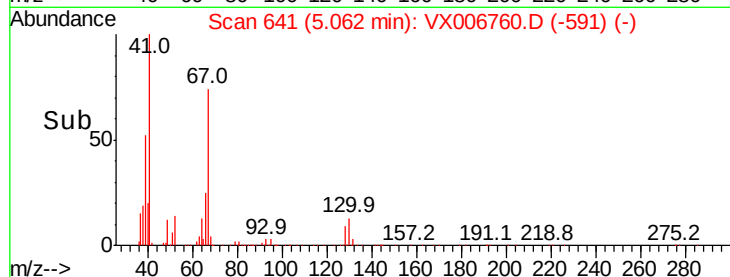
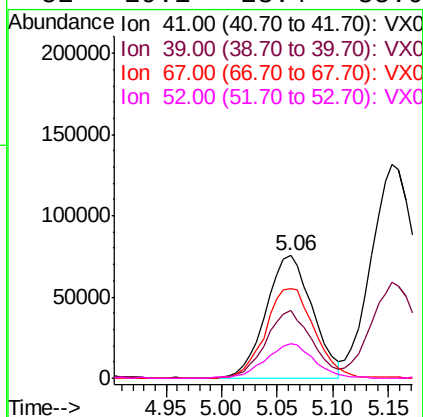
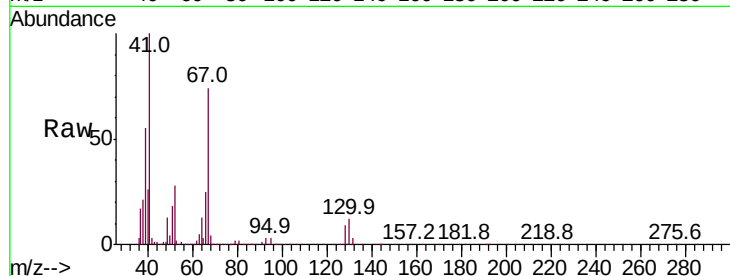
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.8	64.2
67	76.9	62.1	93.1
52	29.1	23.4	35.0

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#42

1,2-Dichloroethane

Concen: 48.866 ug/l

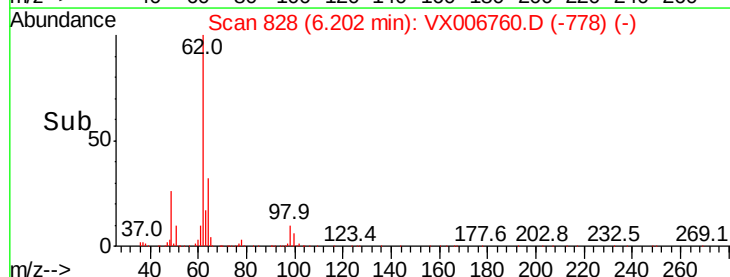
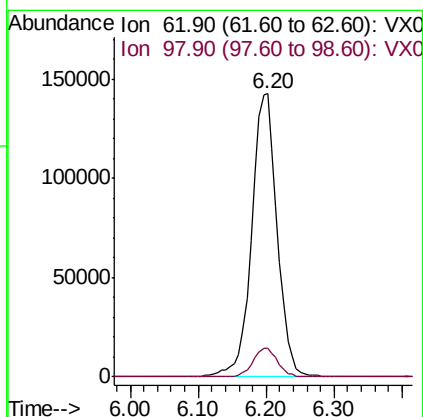
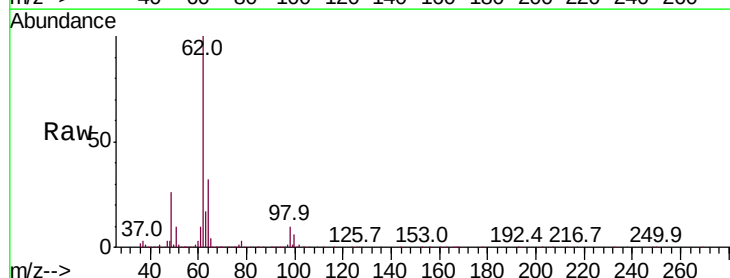
RT: 6.20 min Scan# 828

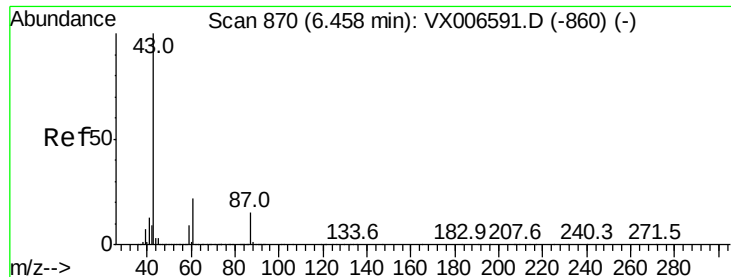
Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.332 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

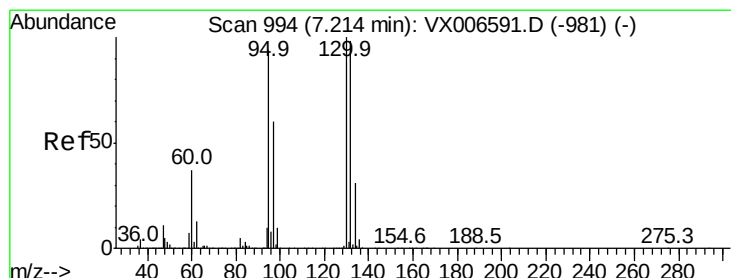
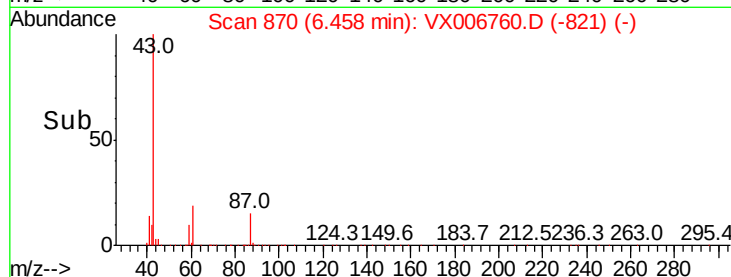
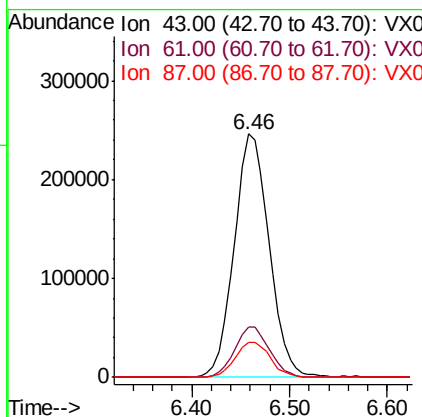
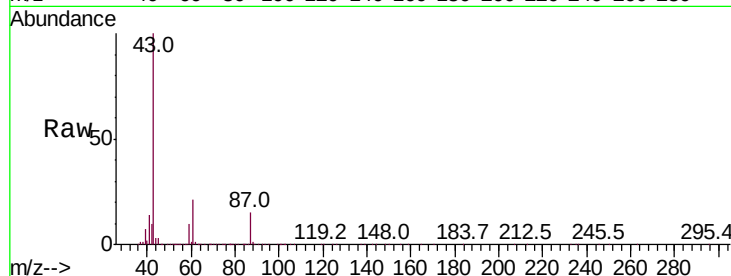
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	607600
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	14.8	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 47.454 ug/l

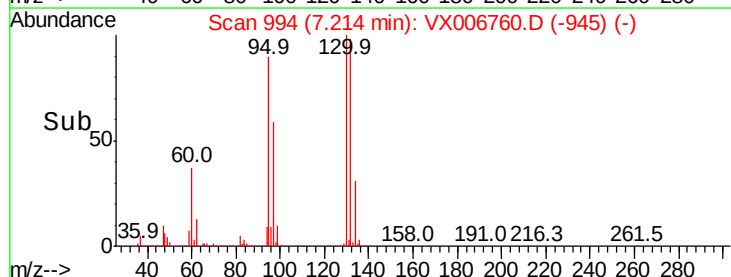
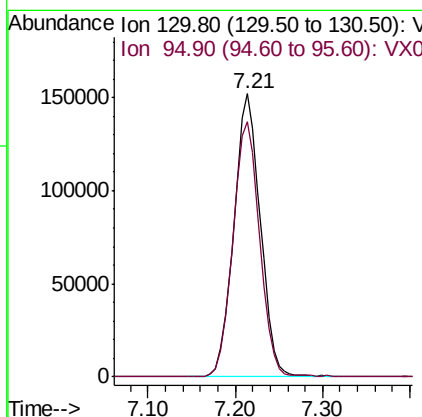
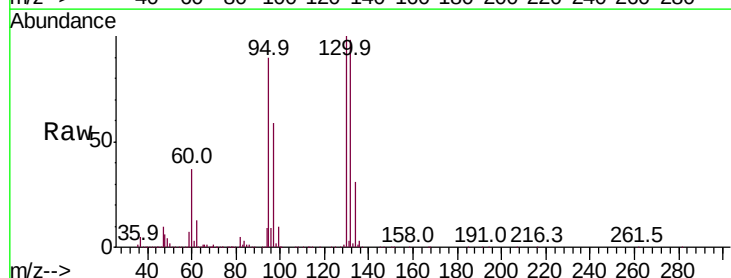
RT: 7.21 min Scan# 994

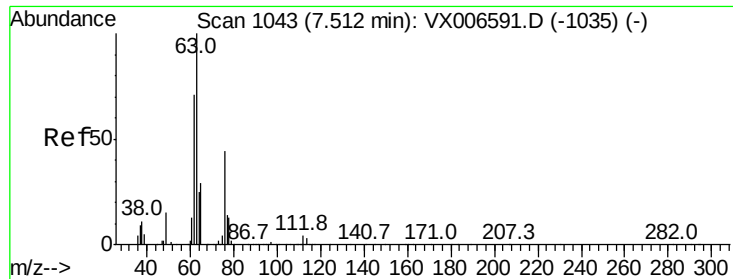
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion:	130	Resp:	320078
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	187.0





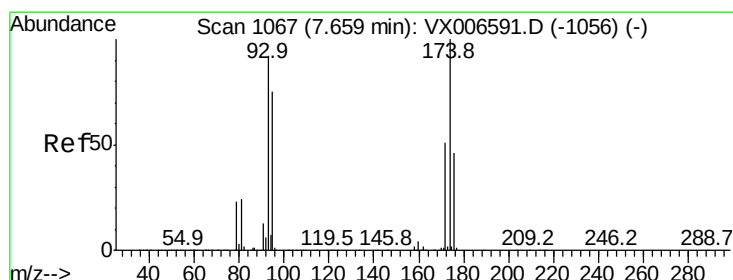
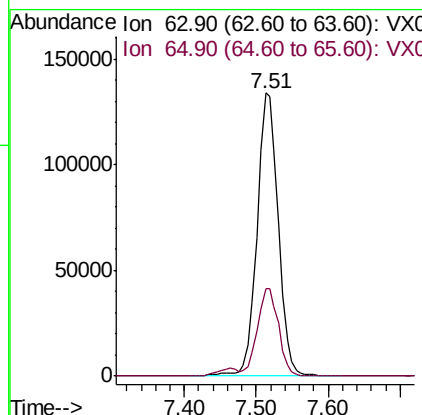
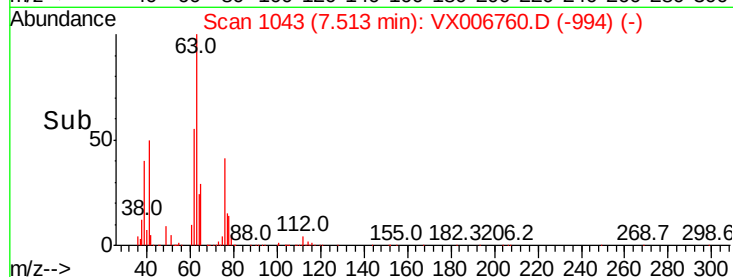
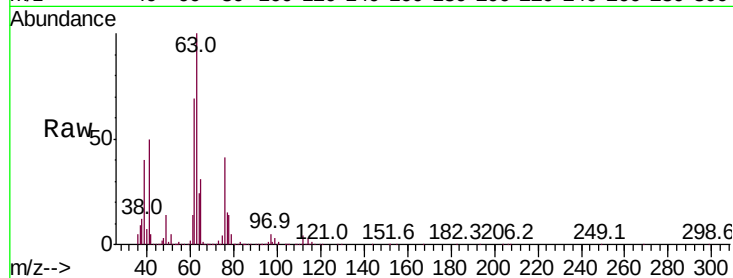
#45
 1,2-Dichloropropane
 Concen: 50.683 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.4	38.0

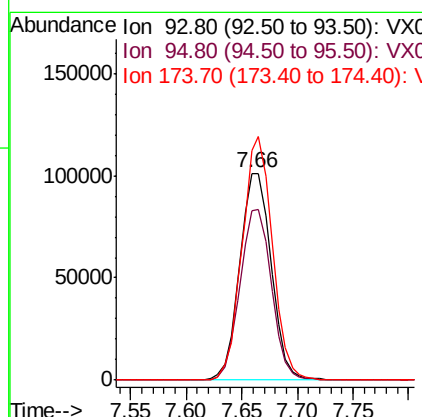
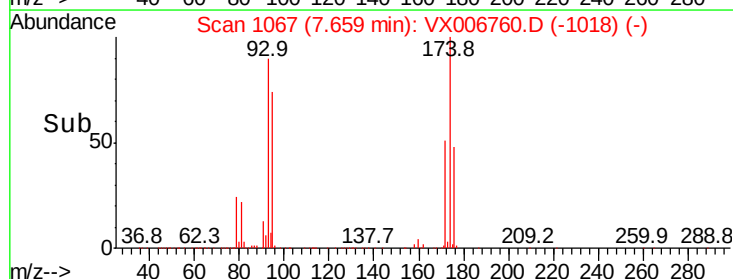
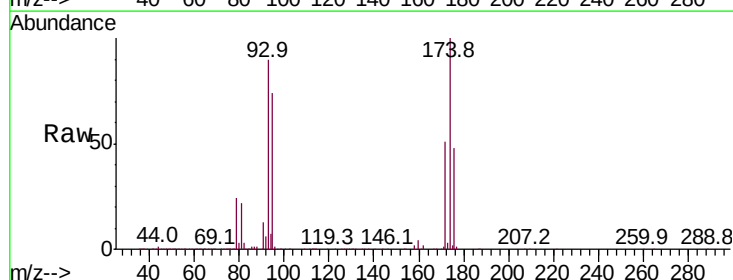
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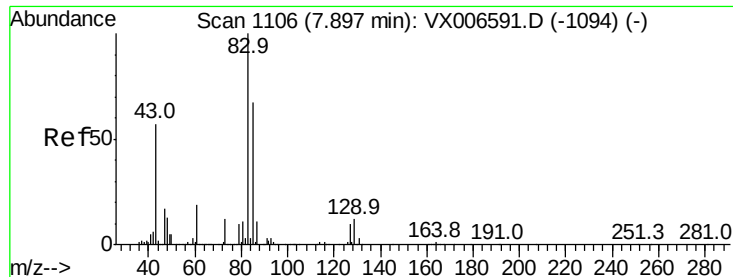
MMDadoda
 12/22/2018 11:20:30 AM



#46
 Dibromomethane
 Concen: 49.931 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.2	99.4
174	113.3	91.0	136.4





#47

Bromodichloromethane

Concen: 50.836 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

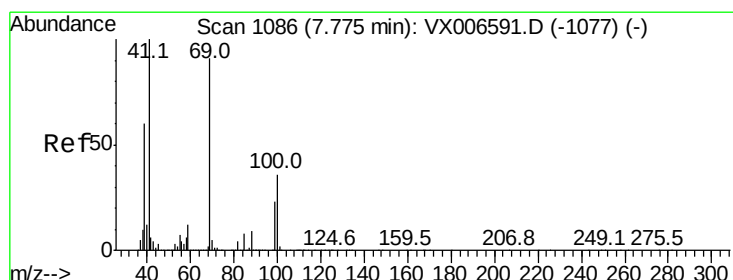
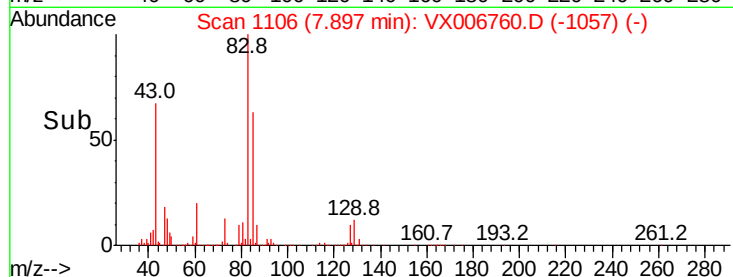
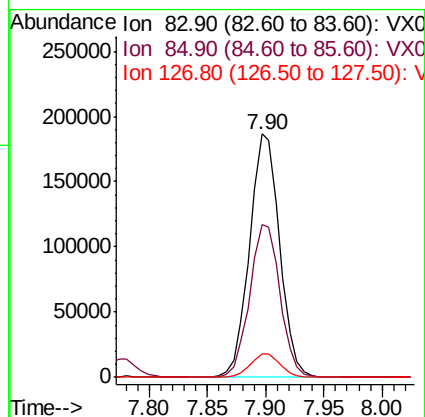
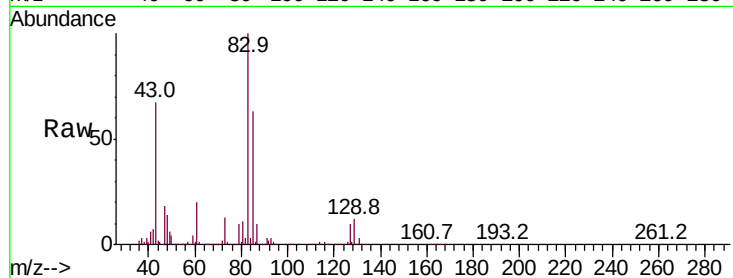
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	336664
Ion Ratio	Lower	Upper	
83	100		
85	62.7	53.2	79.8
127	9.8	7.8	11.6

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#48

Methyl methacrylate

Concen: 53.737 ug/l

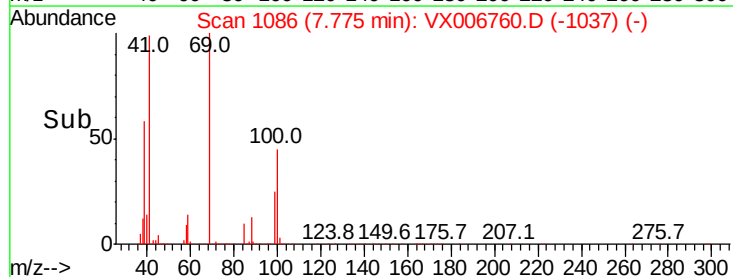
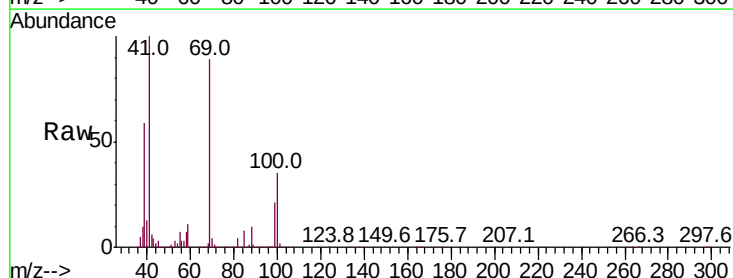
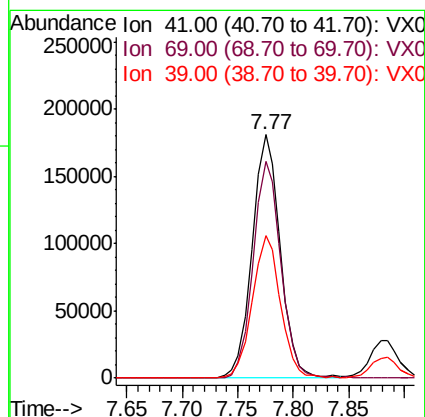
RT: 7.77 min Scan# 1086

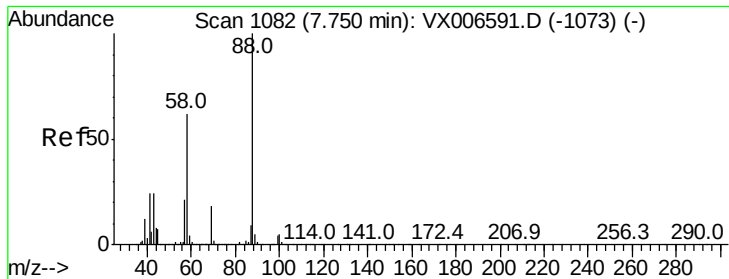
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion:	41	Resp:	317277
Ion Ratio	Lower	Upper	
41	100		
69	88.6	72.4	108.6
39	58.6	45.8	68.8





#49

1,4-Dioxane

Concen: 1009.275 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

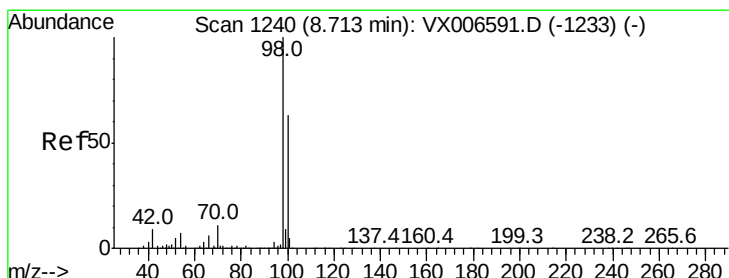
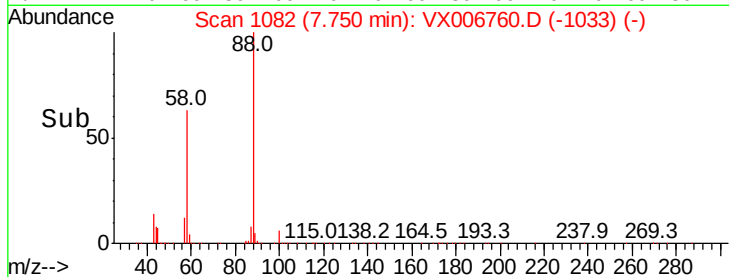
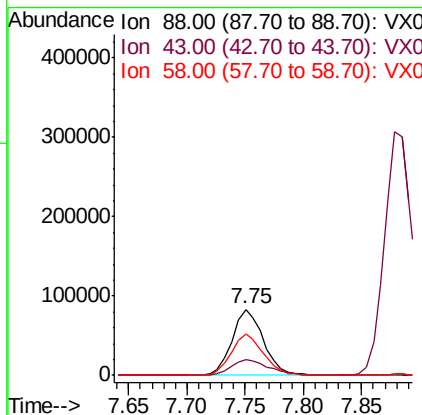
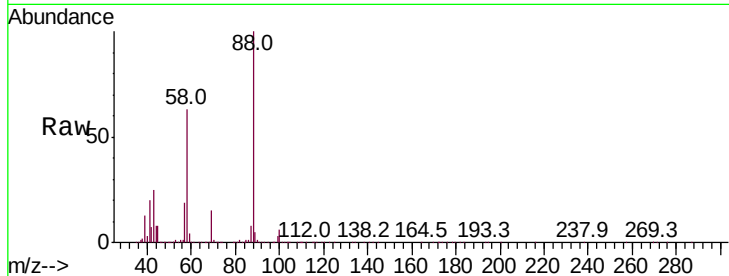
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	155886
Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.2	33.4
58	65.0	51.0	76.4

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#50

Toluene-d8

Concen: 49.590 ug/l

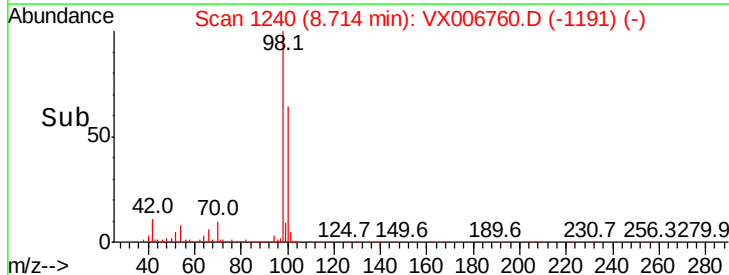
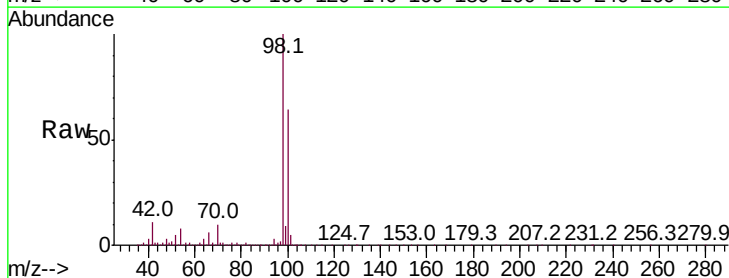
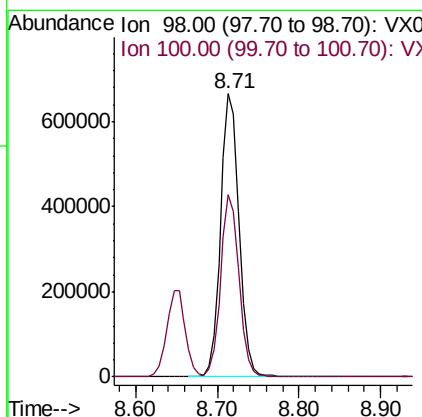
RT: 8.71 min Scan# 1240

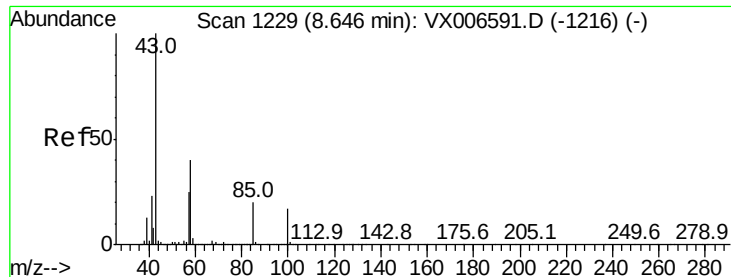
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion:	98	Resp:	1046542
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





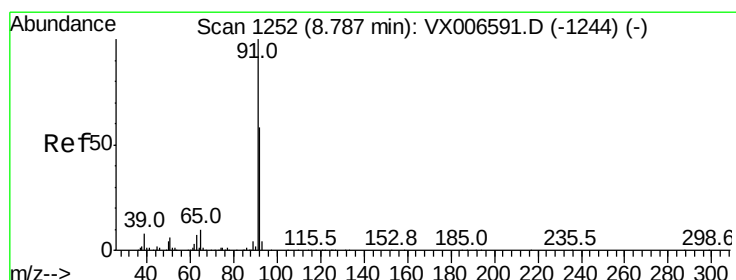
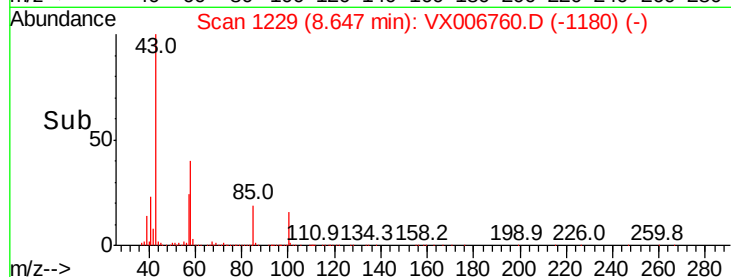
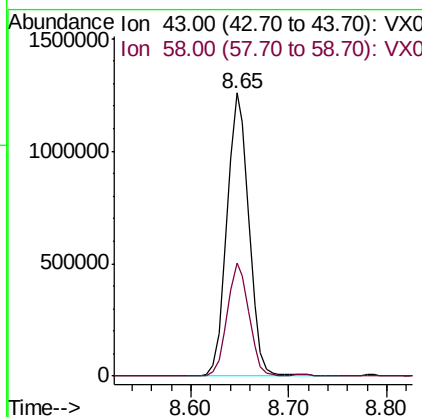
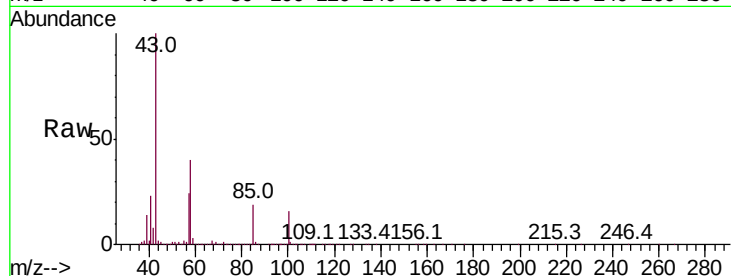
#51
4-Methyl-2-Pentanone
Concen: 266.104 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1965812
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6

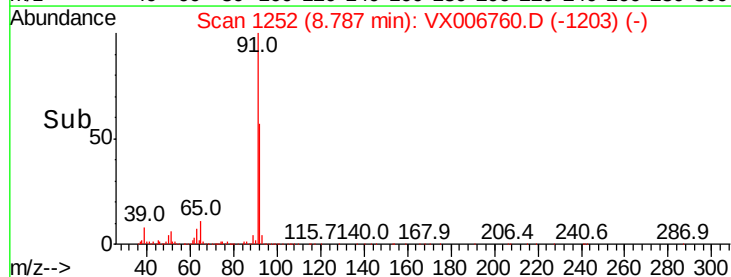
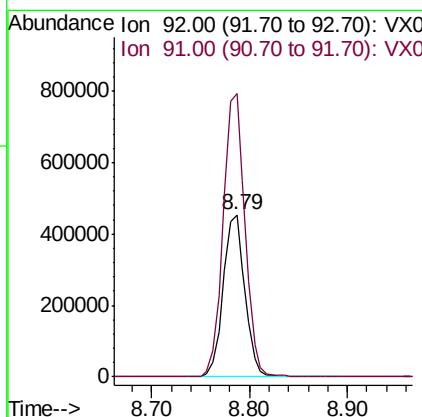
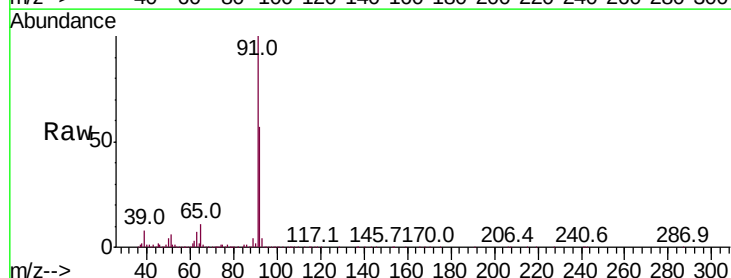
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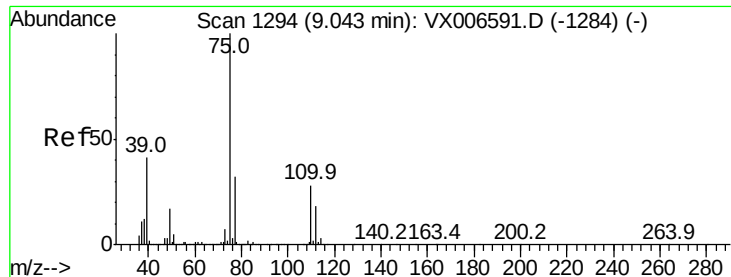
MMDadoda
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#52
Toluene
Concen: 48.670 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 92 Resp: 700706
Ion Ratio Lower Upper
92 100
91 175.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 45.835 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 325548

Ion Ratio Lower Upper

75 100

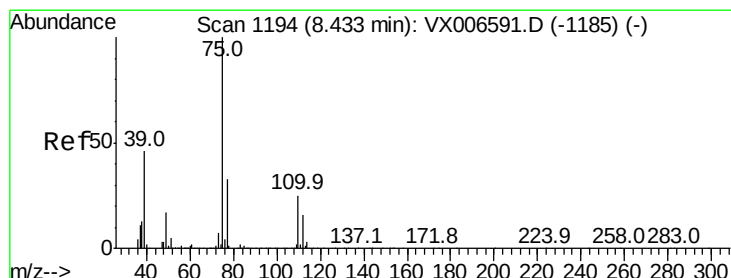
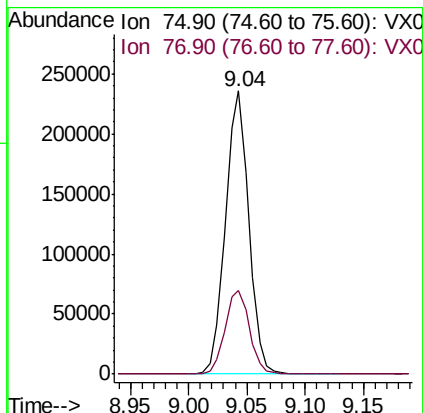
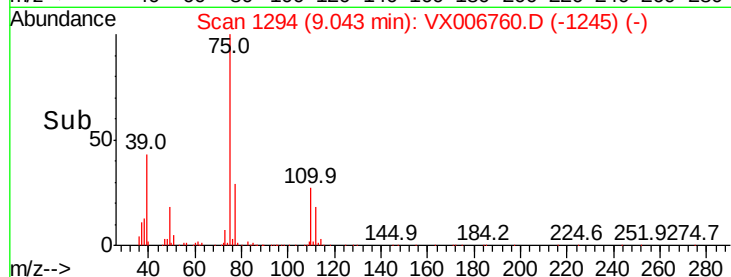
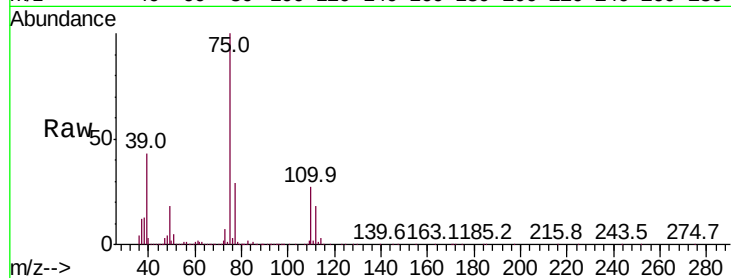
77 29.3 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 48.138 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

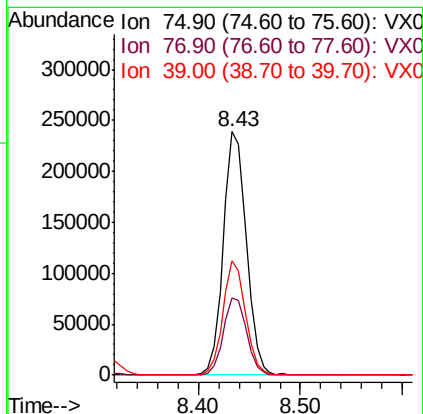
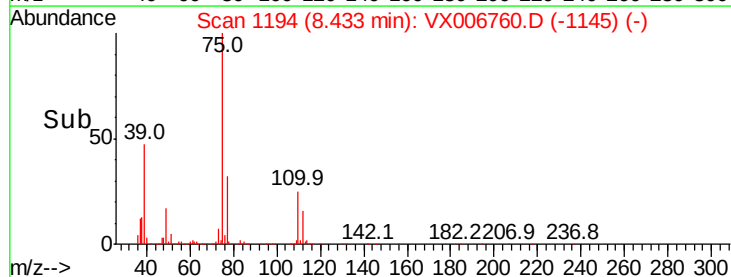
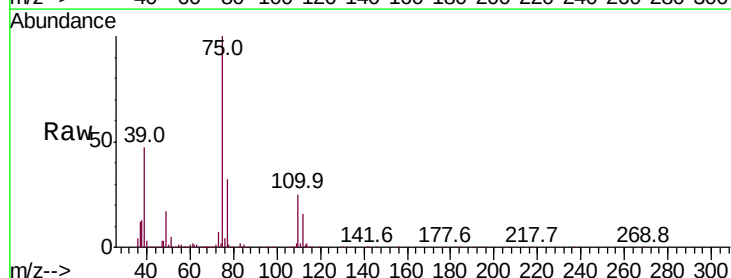
Tgt Ion: 75 Resp: 375157

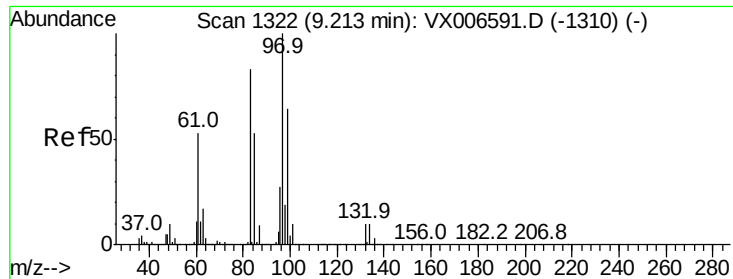
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 46.7 36.7 55.1





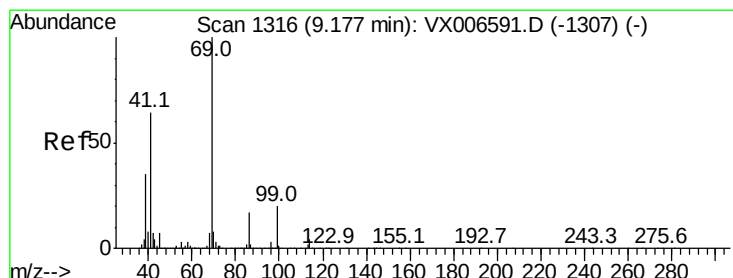
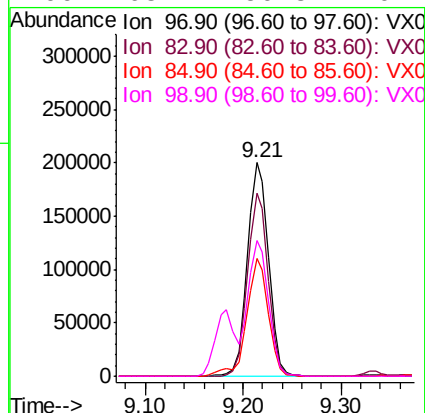
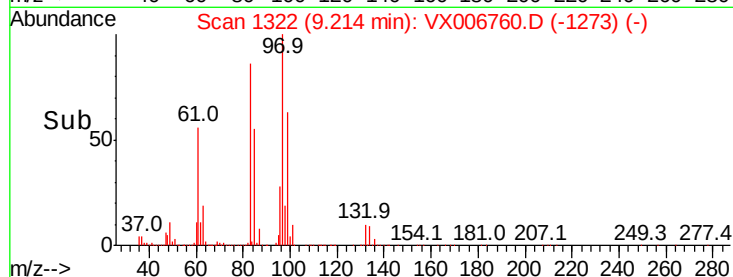
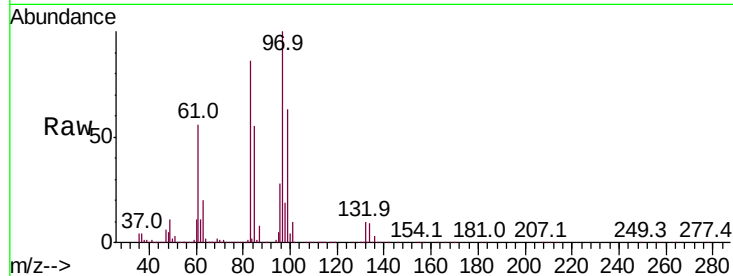
#55
 1,1,2-Trichloroethane
 Concen: 50.766 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.6	99.8
85	55.0	42.7	64.1
99	63.4	50.8	76.2

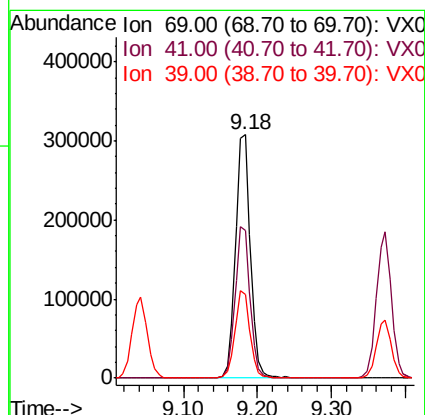
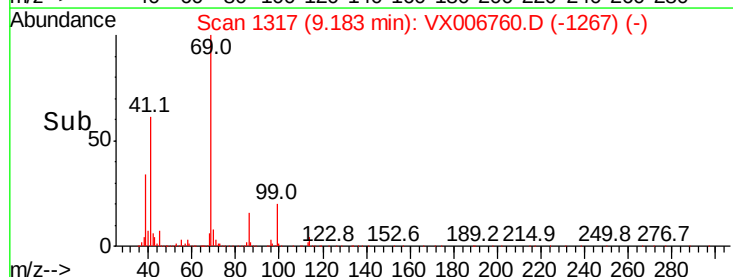
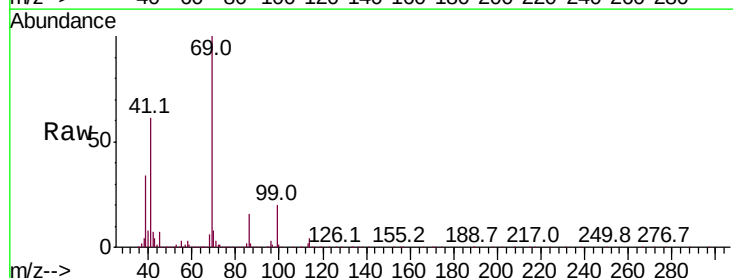
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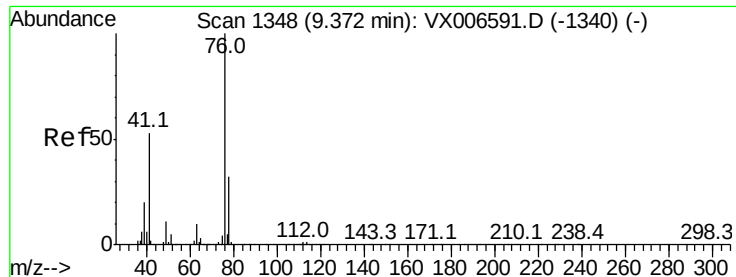
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 12/22/2018 11:20:30 AM



#56
 Ethyl methacrylate
 Concen: 52.076 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	48.7	73.1
39	35.9	27.0	40.6





#57

1,3-Dichloropropane

Concen: 49.985 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

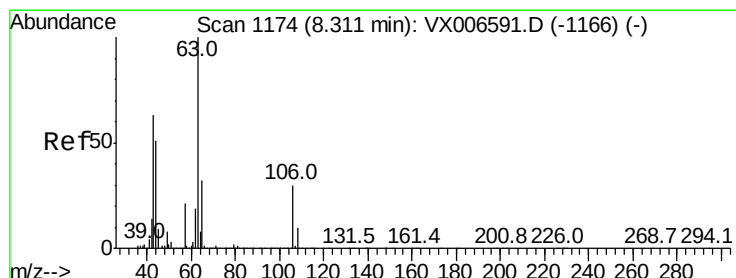
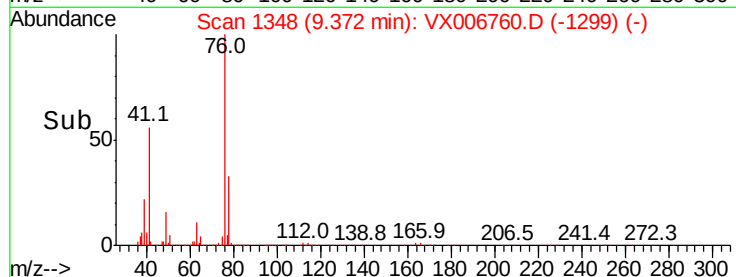
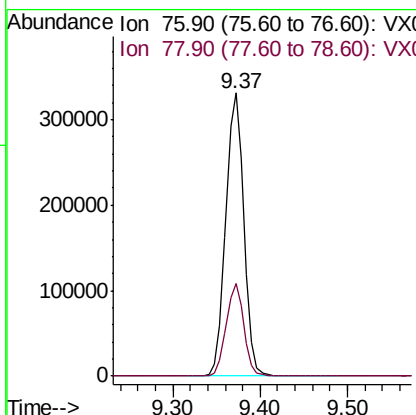
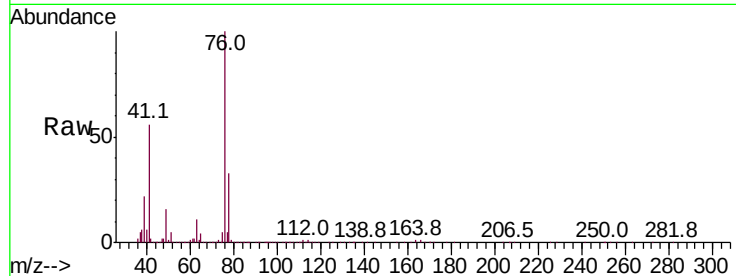
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 256.639 ug/l

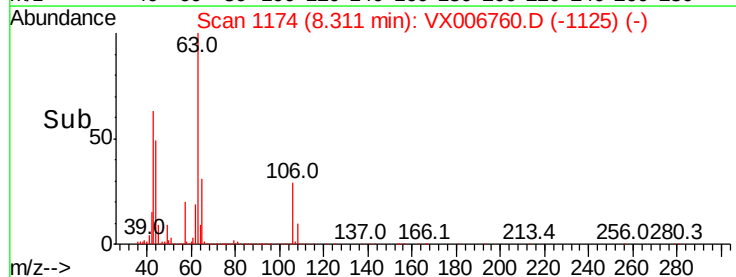
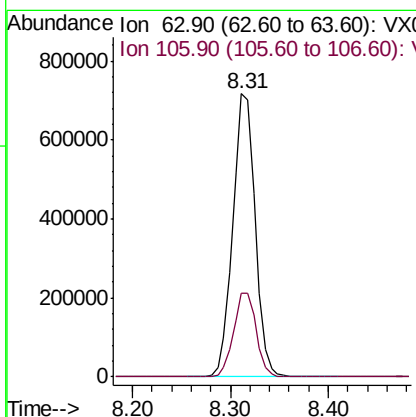
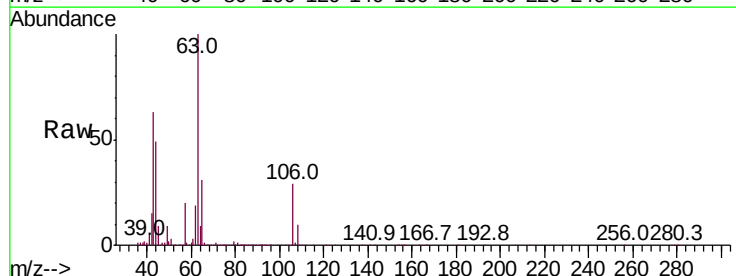
RT: 8.31 min Scan# 1174

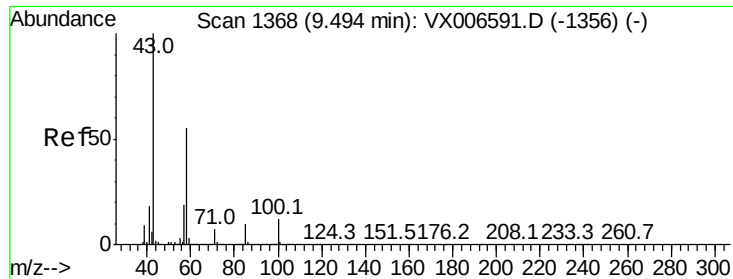
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	24.6	36.8





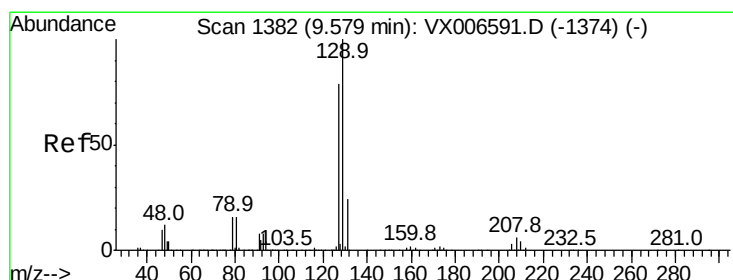
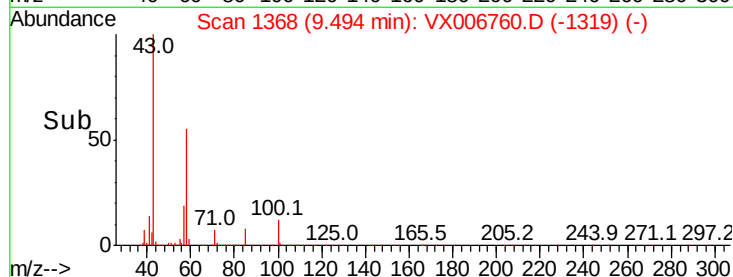
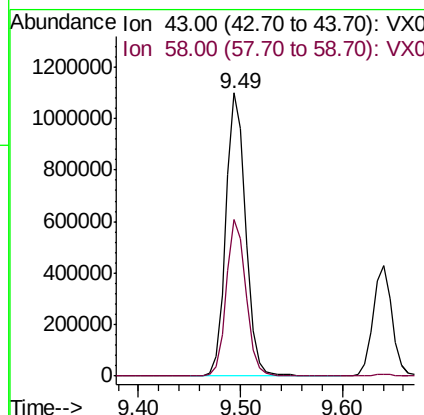
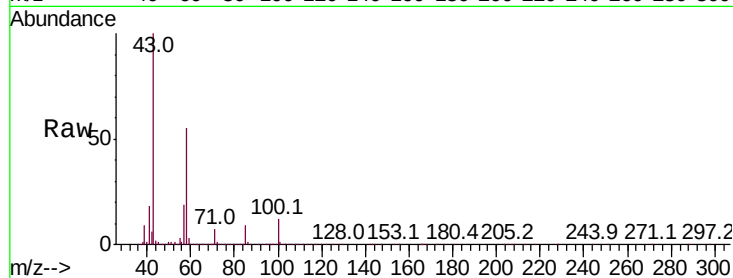
#59
2-Hexanone
Concen: 261.147 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1476060
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

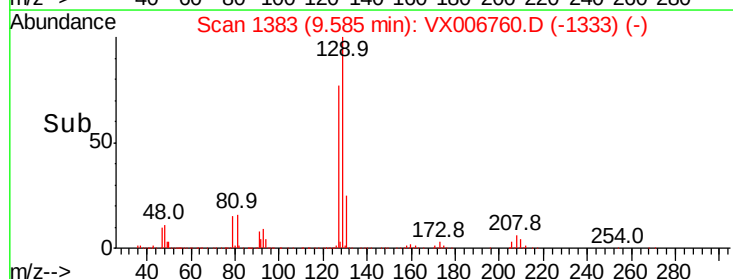
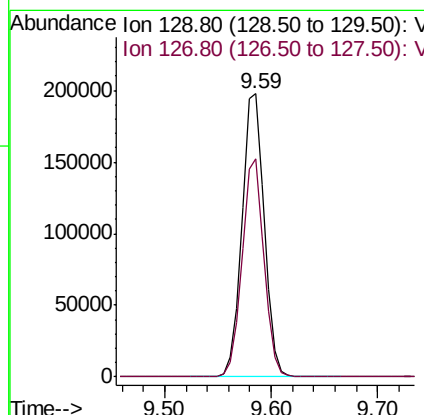
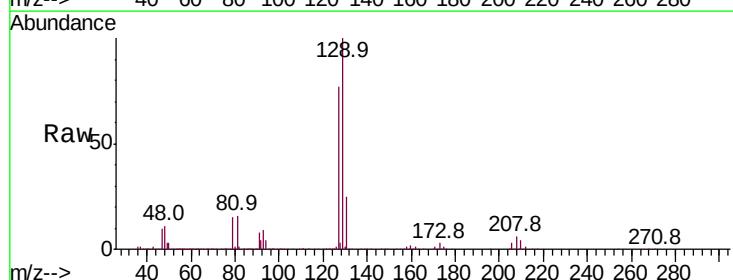
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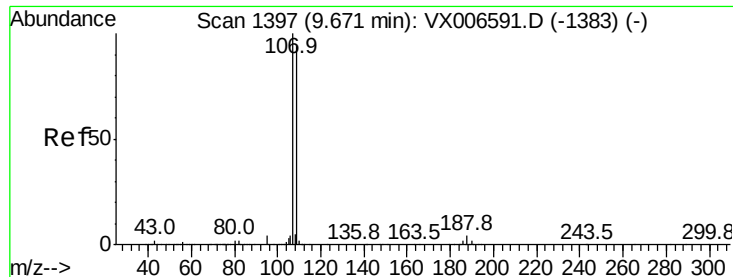
MMDadoda
12/22/2018 11:20:30 AM



#60
Dibromochloromethane
Concen: 47.359 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 129 Resp: 291101
Ion Ratio Lower Upper
129 100
127 75.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.480 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 316228

Ion Ratio Lower Upper

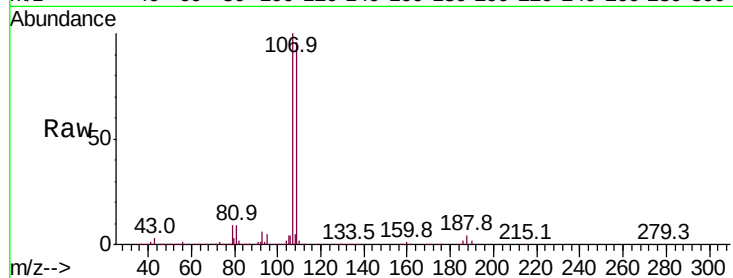
107 100

109 95.8 75.8 113.6

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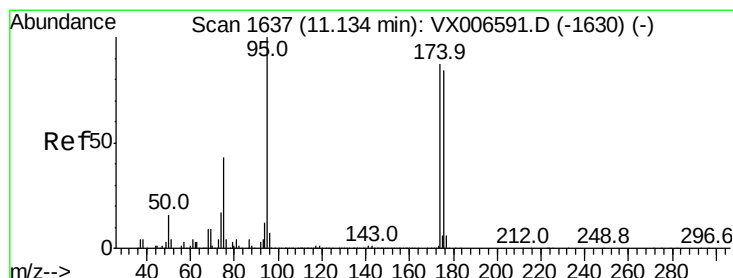
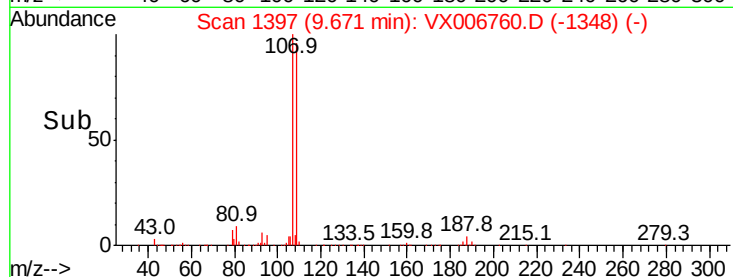
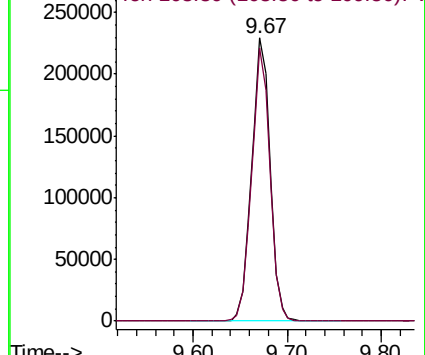
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.367 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

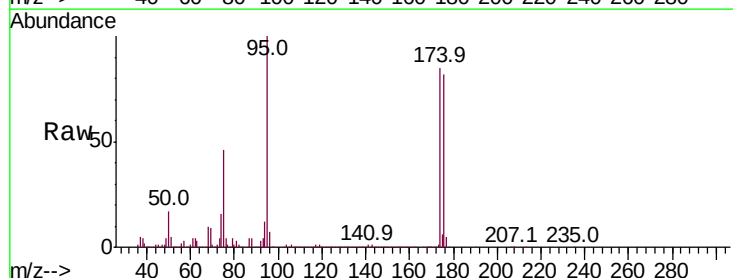
Tgt Ion: 95 Resp: 366108

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

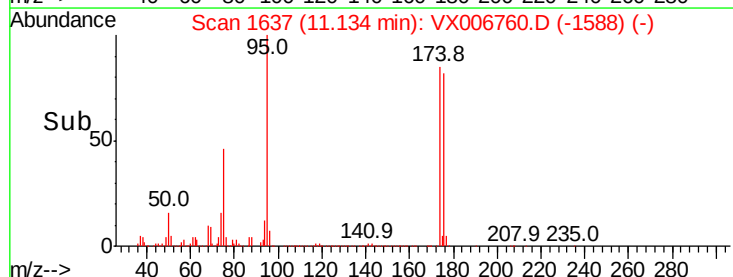
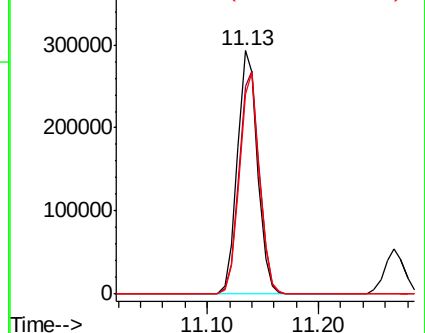
176 90.1 0.0 178.8

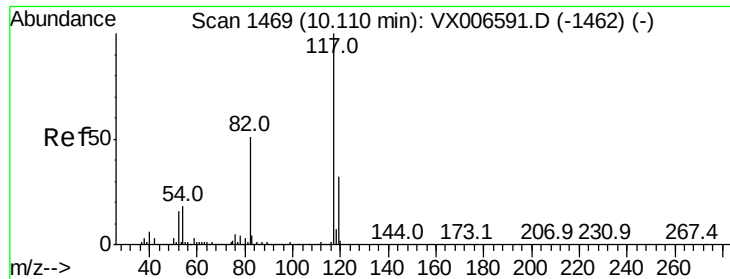


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





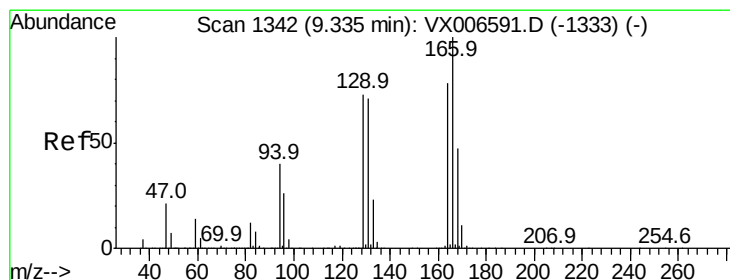
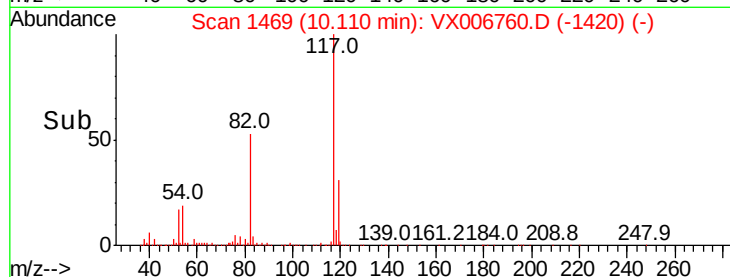
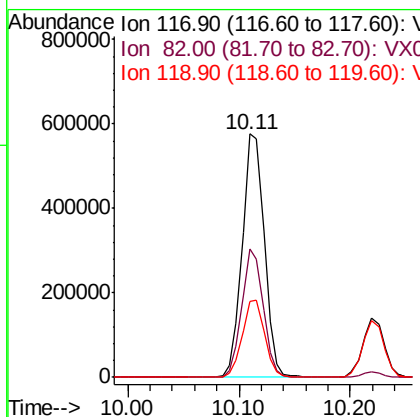
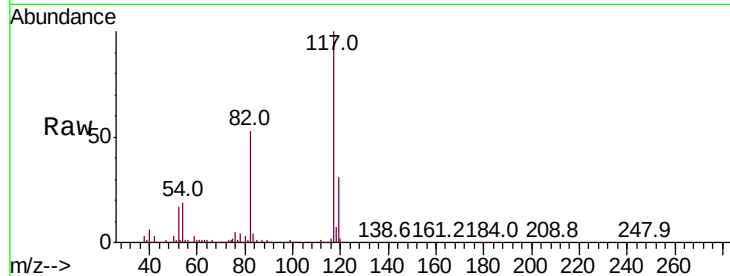
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	798316		
82	52.7		41.0	61.6
119	31.3		25.4	38.0

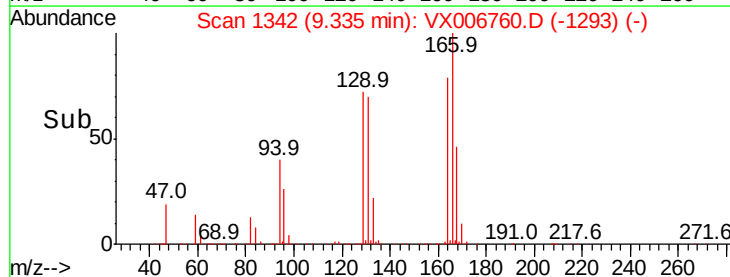
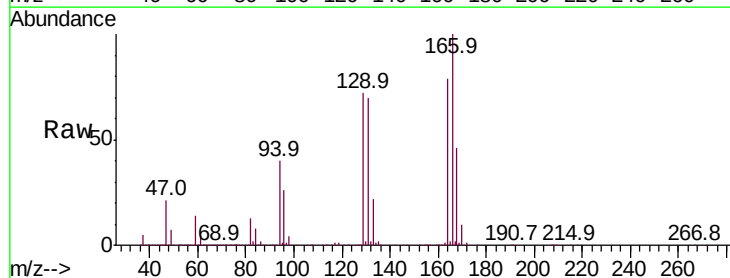
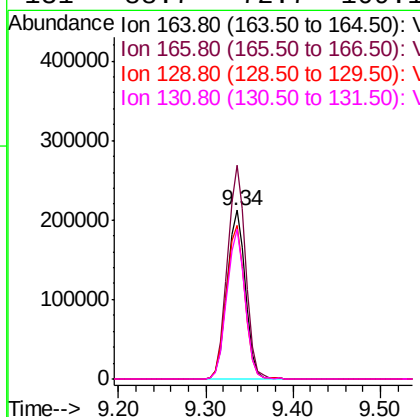
Manual Integrations
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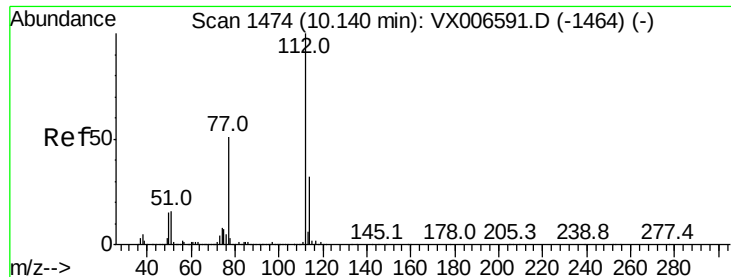
MMDadoda
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#64
Tetrachloroethene
Concen: 48.724 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	308006		
166	126.6		102.5	153.7
129	90.8		75.1	112.7
131	88.7		72.7	109.1





#65

Chlorobenzene

Concen: 48.075 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 811936

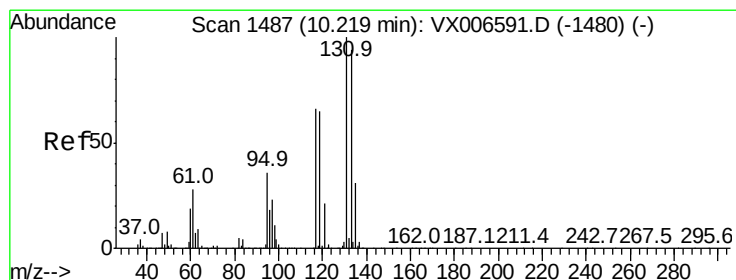
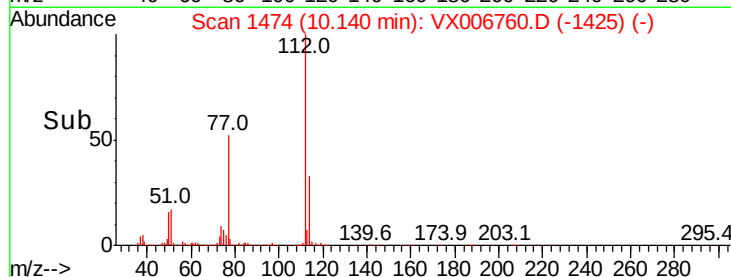
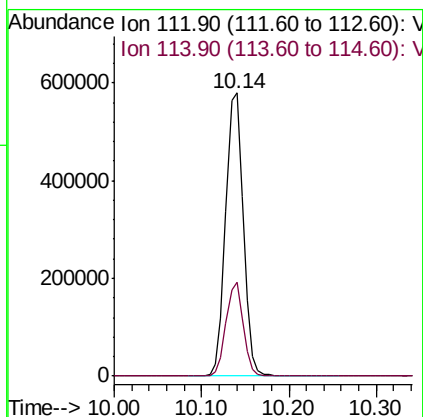
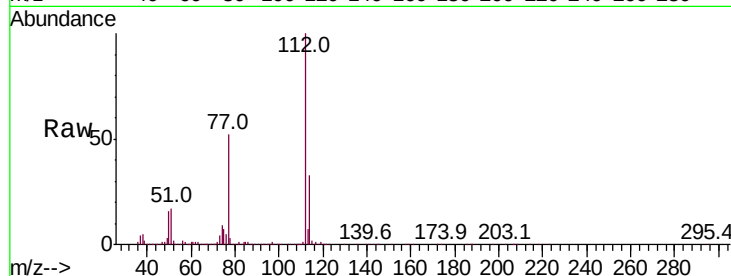
Ion Ratio Lower Upper

112 100

114 33.2 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.766 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

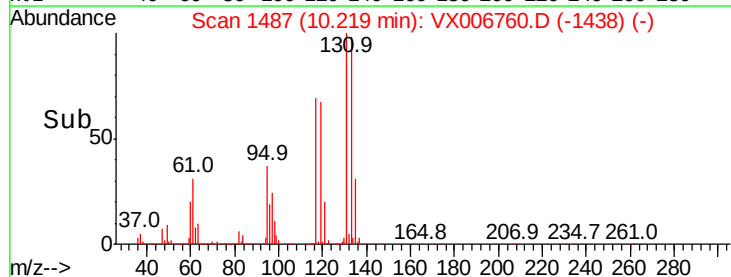
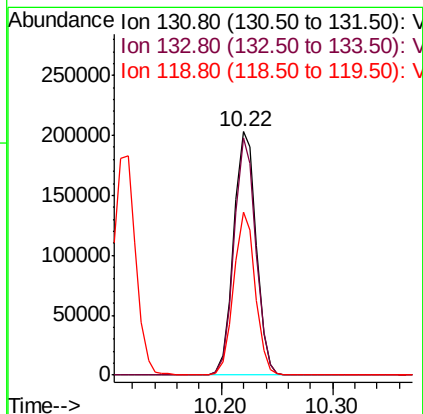
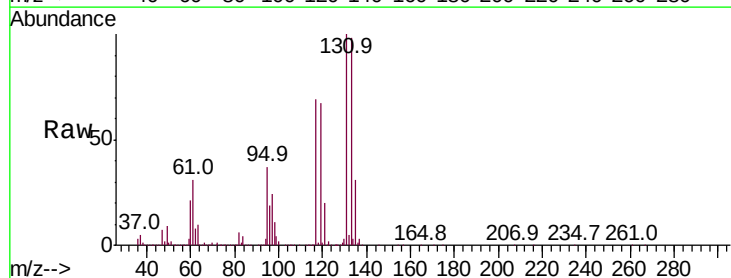
Tgt Ion:131 Resp: 283309

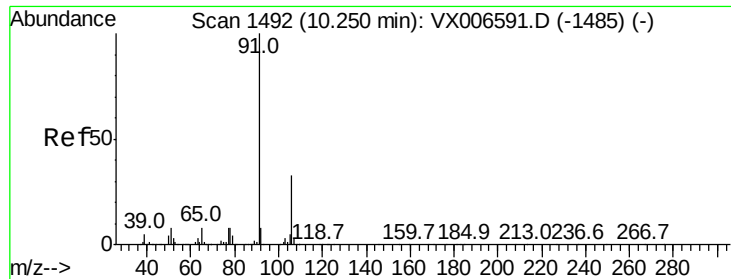
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.2

119 64.0 32.6 97.8





#67

Ethyl Benzene

Concen: 48.545 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1339733

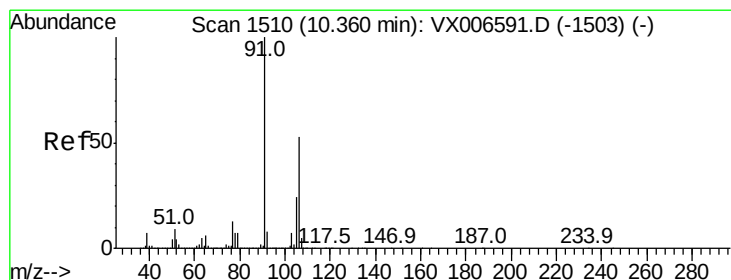
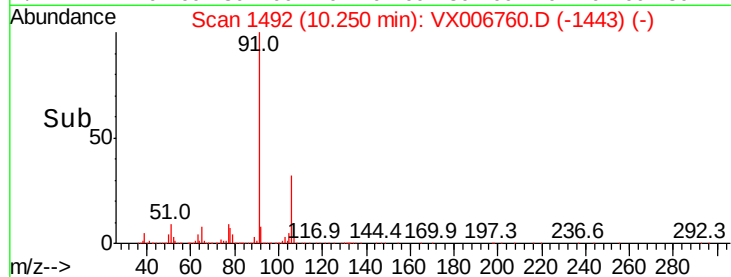
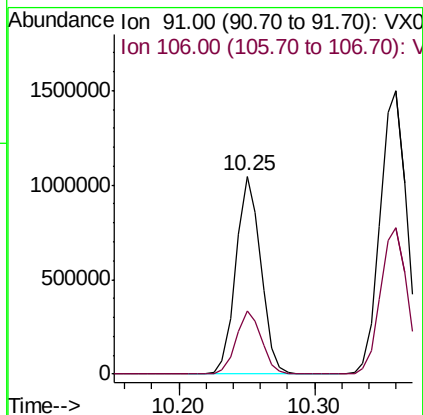
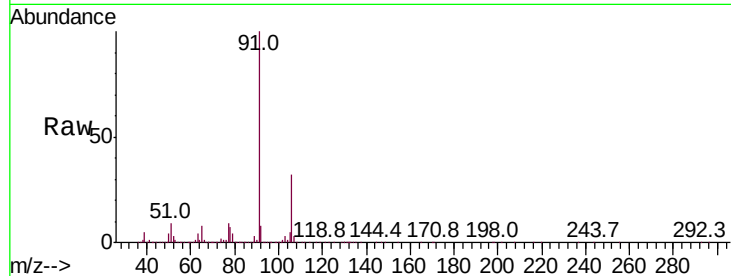
Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6

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#68

m/p-Xylenes

Concen: 96.688 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006760.D

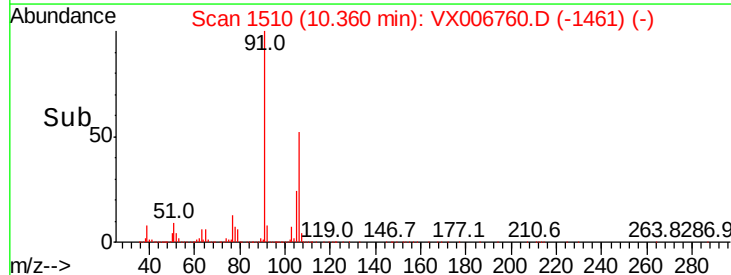
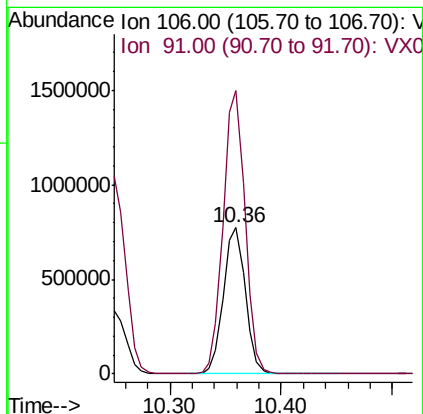
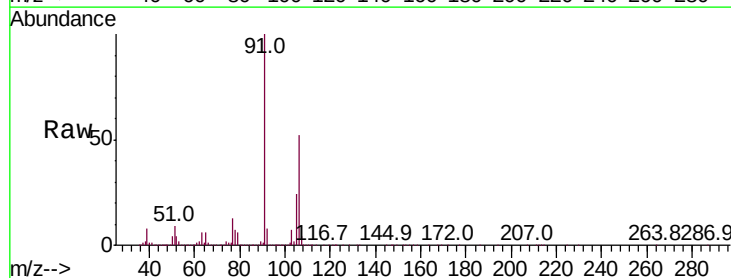
Acq: 22 Dec 2018 08:25

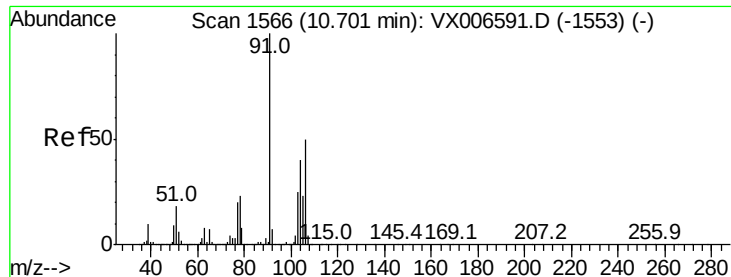
Tgt Ion: 106 Resp: 1052933

Ion Ratio Lower Upper

106 100

91 194.0 155.8 233.6





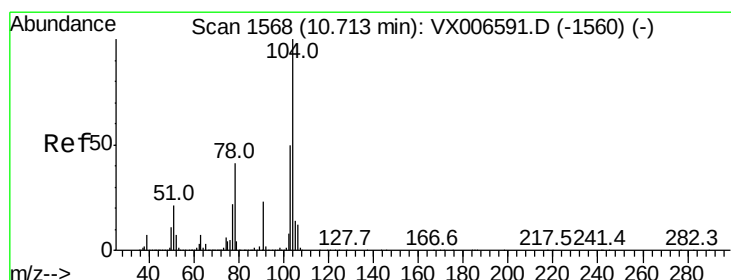
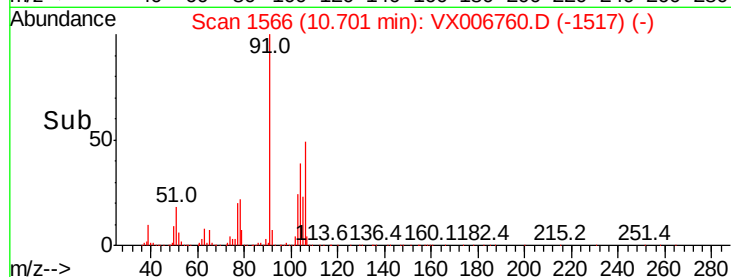
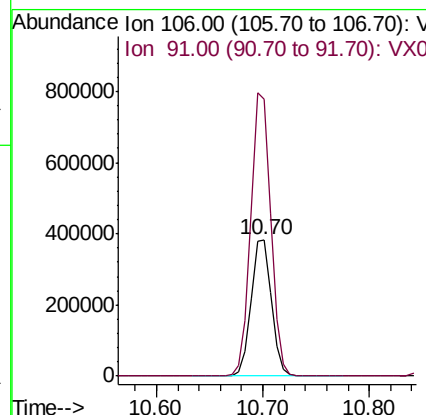
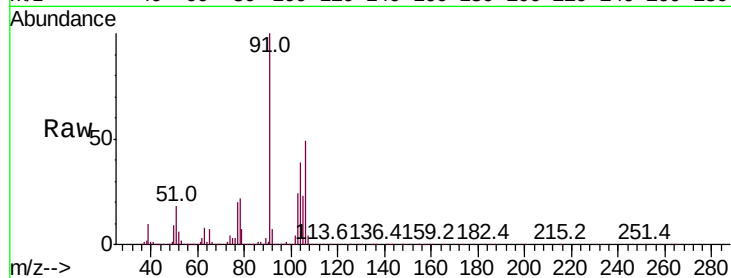
#69
o-Xylene
Concen: 48.001 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.0	101.3	303.7

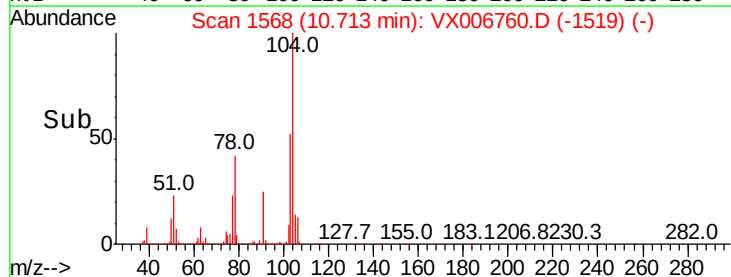
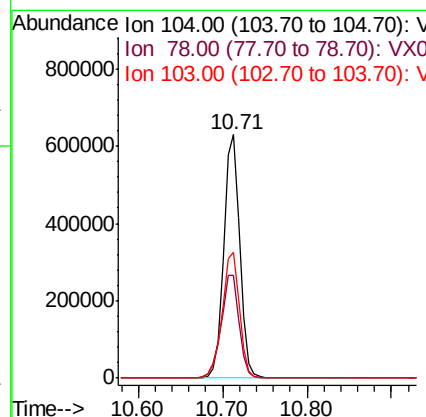
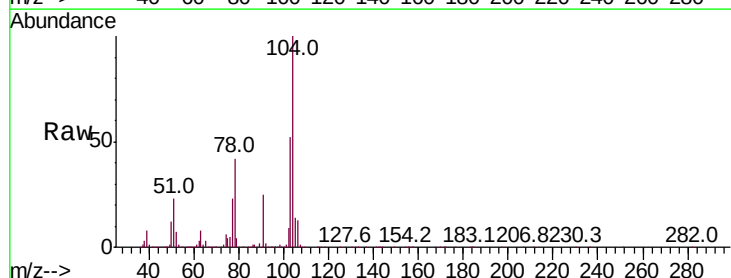
Manual Integrations
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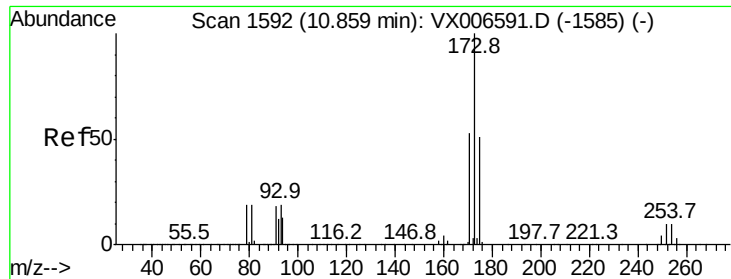
MMDadoda
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#70
Styrene
Concen: 48.740 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.7	56.5
103	55.9	43.8	65.8





#71

Bromoform

Concen: 44.347 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 208148

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

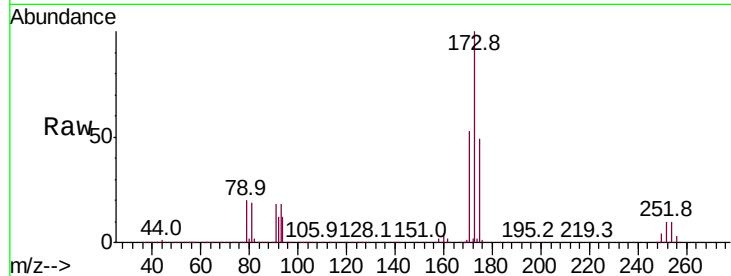
254 0.2 0.2 0.2

Manual Integrations

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MMDadoda

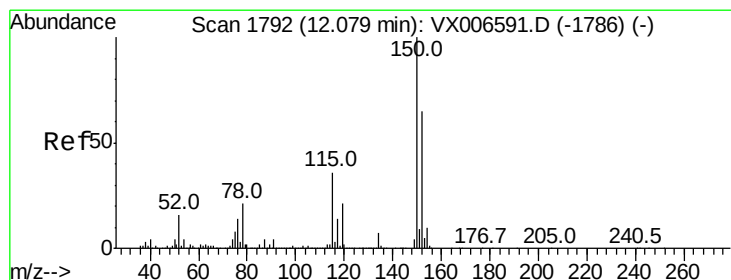
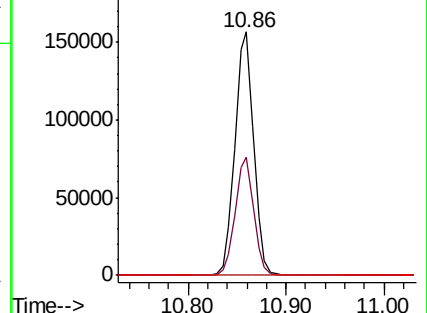
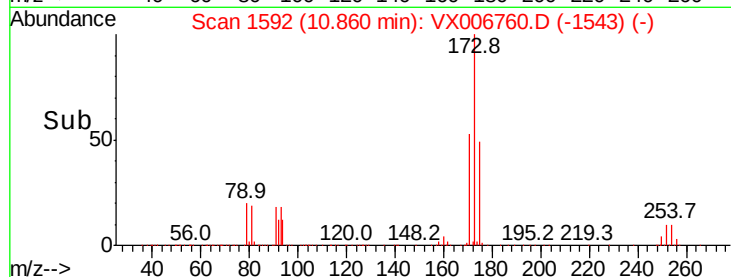
12/22/2018 11:20:30 AM



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: VX006760.D

Acq: 22 Dec 2018 08:25

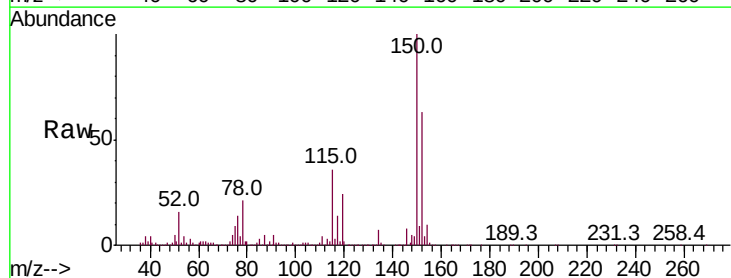
Tgt Ion:152 Resp: 398633

Ion Ratio Lower Upper

152 100

115 77.6 39.1 117.2

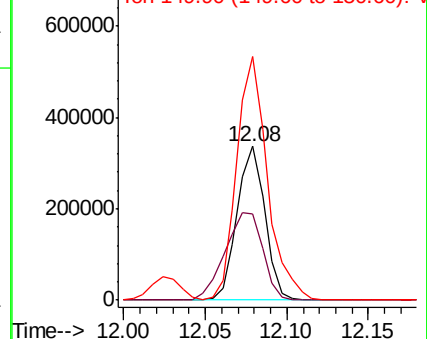
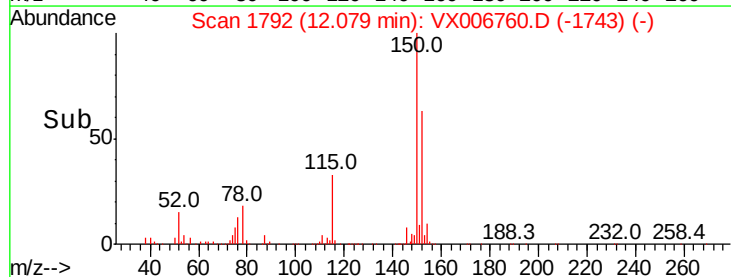
150 174.9 0.0 344.8

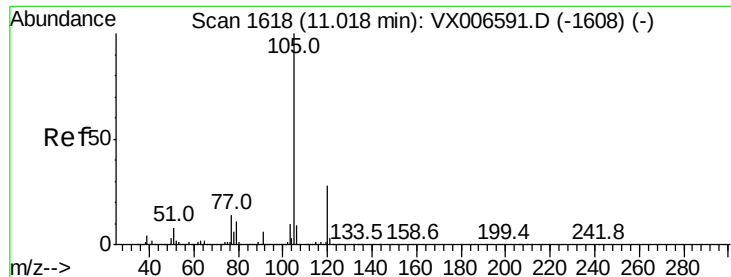


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.448 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1375775

Ion Ratio Lower Upper

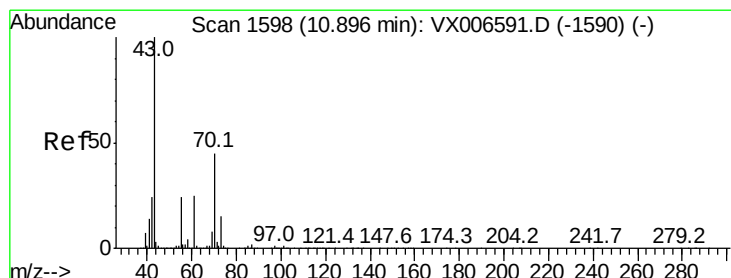
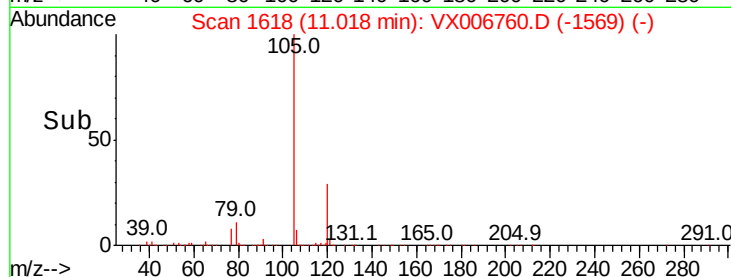
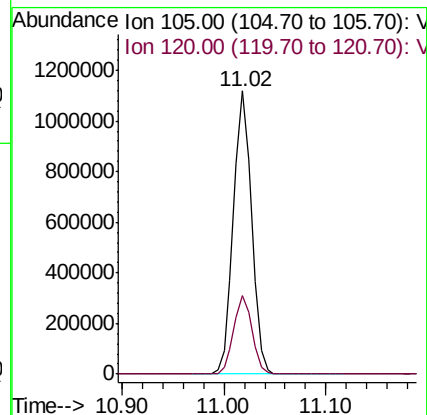
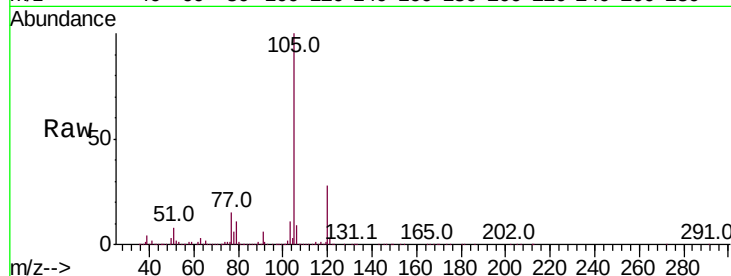
105 100

120 28.0 14.1 42.4

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#74

N-ethyl acetate

Concen: 55.784 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion: 43 Resp: 544535

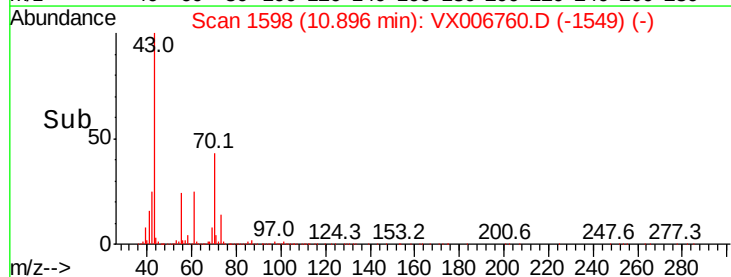
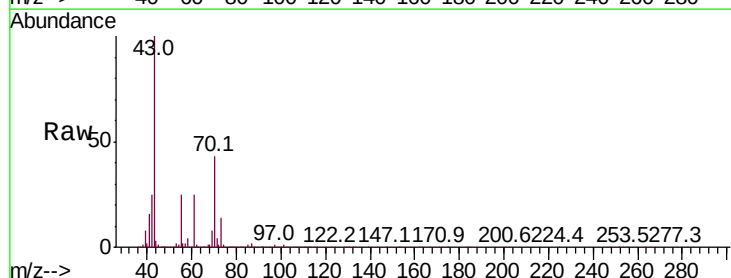
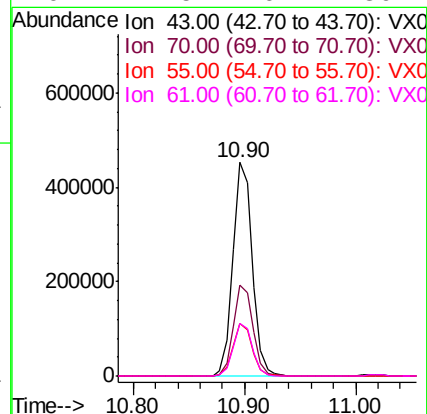
Ion Ratio Lower Upper

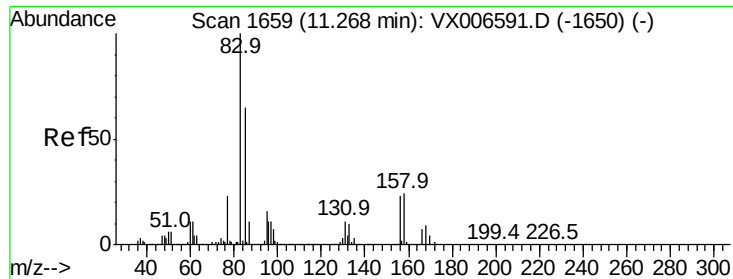
43 100

70 43.1 35.8 53.8

55 24.3 19.4 29.0

61 24.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.942 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 437495

Ion Ratio Lower Upper

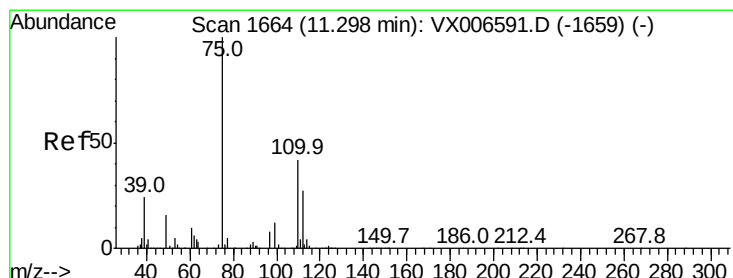
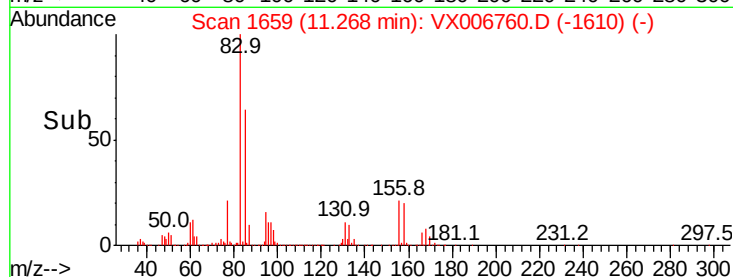
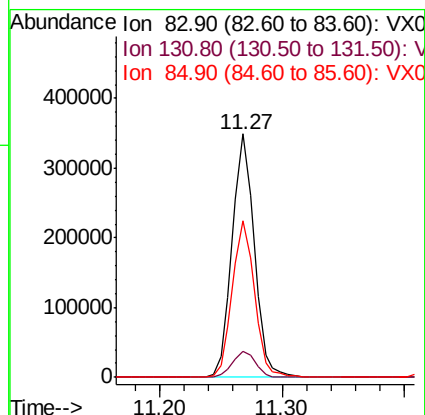
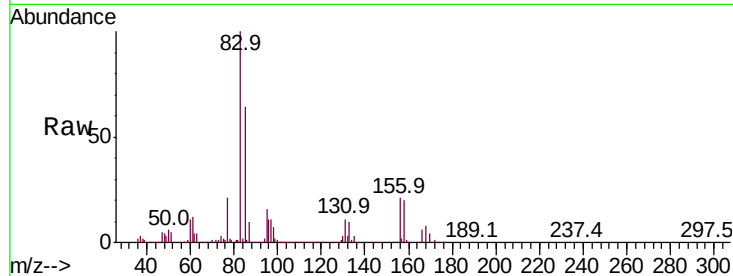
83 100

131 11.2 5.7 17.1

85 64.7 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 52.357 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006760.D

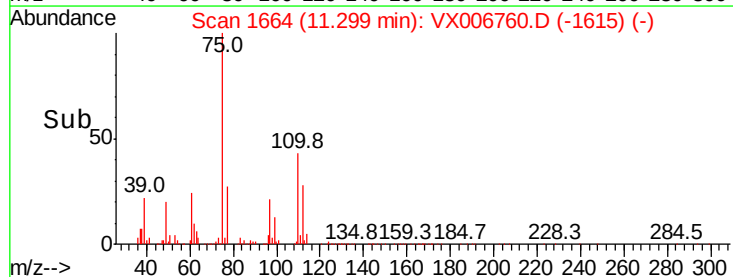
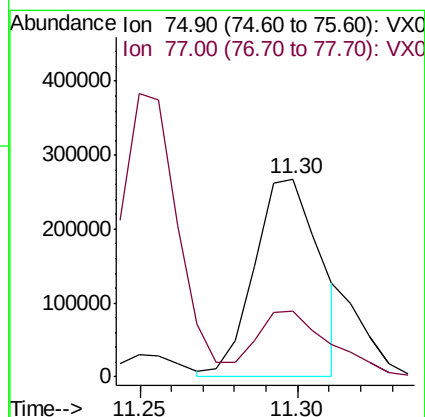
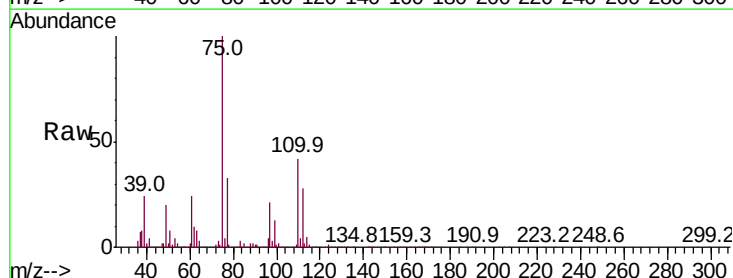
Acq: 22 Dec 2018 08:25

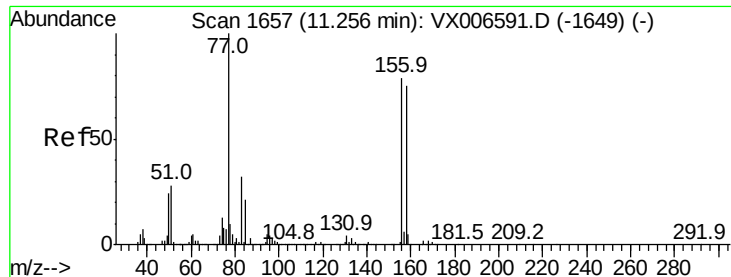
Tgt Ion: 75 Resp: 387875

Ion Ratio Lower Upper

75 100

77 36.9 18.5 55.5





#77

Bromobenzene

Concen: 49.871 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 367692

Ion Ratio Lower Upper

156 100

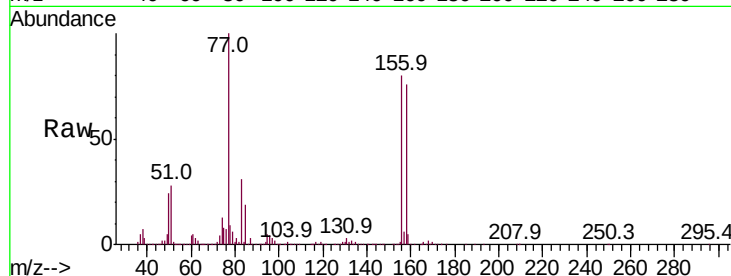
77 136.2 68.0 204.0

158 96.1 48.3 144.8

Manual Integrations
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MMDadoda

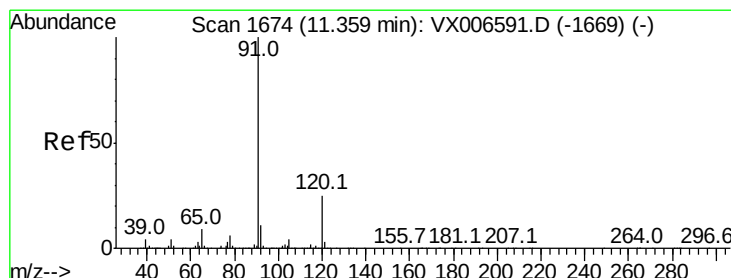
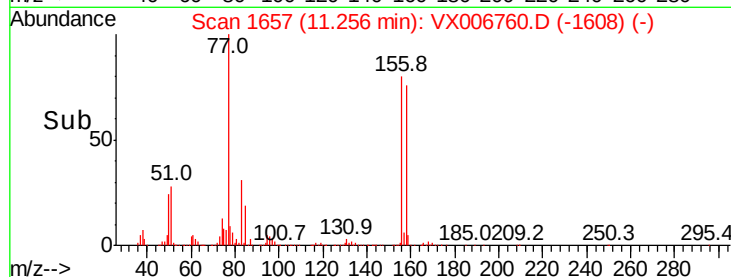
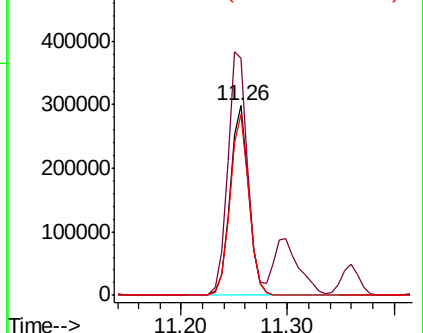
12/22/2018 11:20:30 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.595 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006760.D

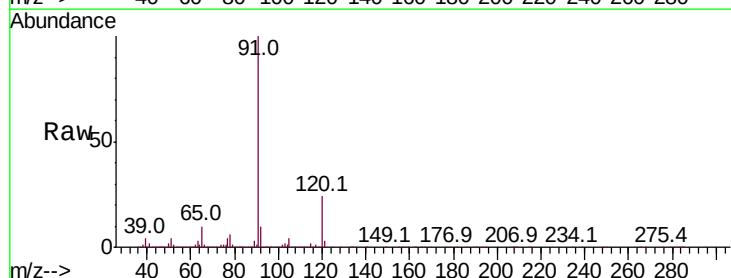
Acq: 22 Dec 2018 08:25

Tgt Ion: 91 Resp: 1519414

Ion Ratio Lower Upper

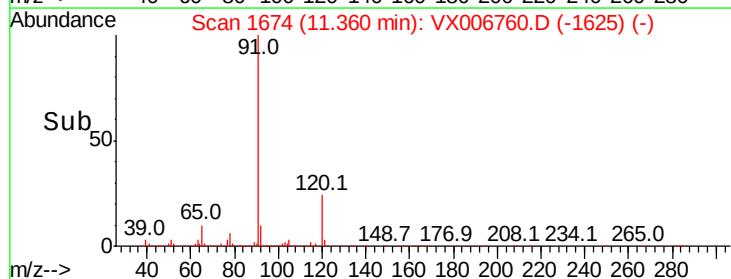
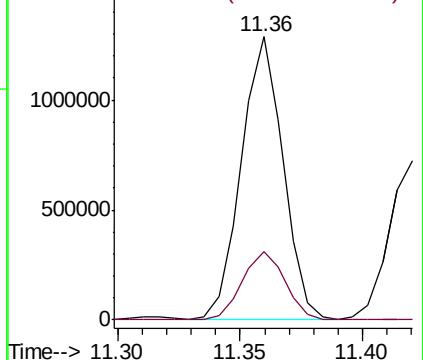
91 100

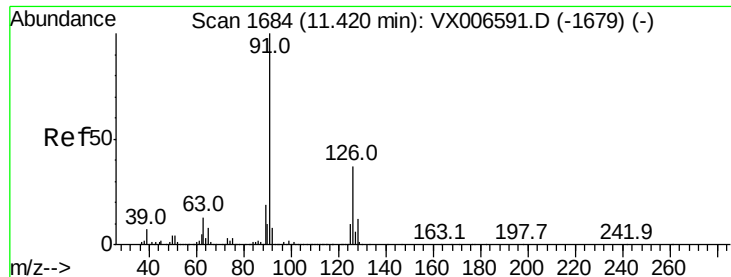
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.981 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 891411

Ion Ratio Lower Upper

91 100

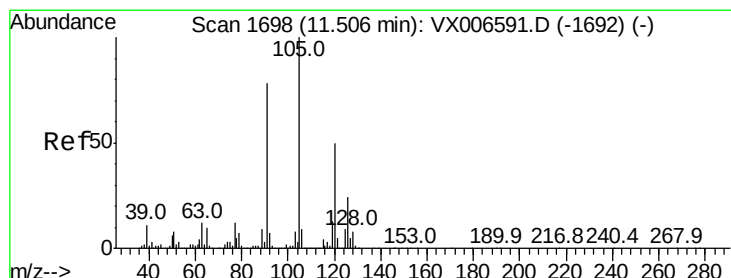
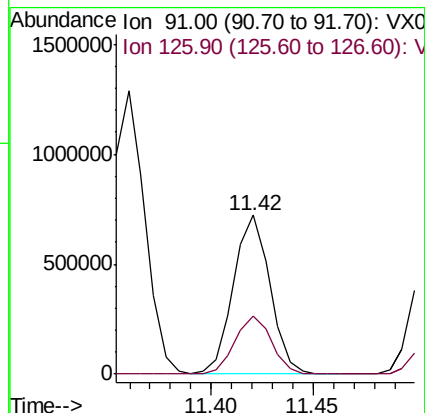
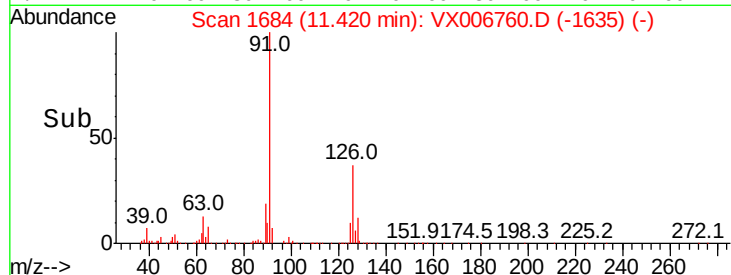
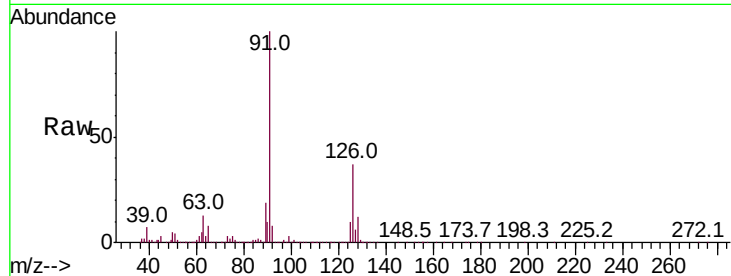
126 37.2 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 49.955 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006760.D

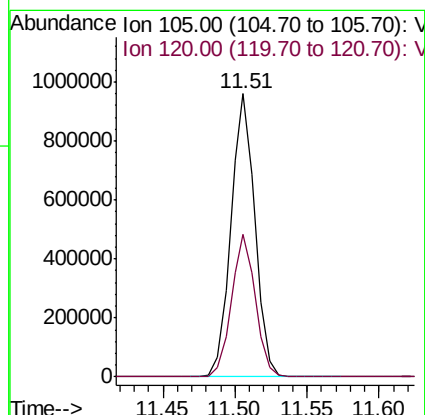
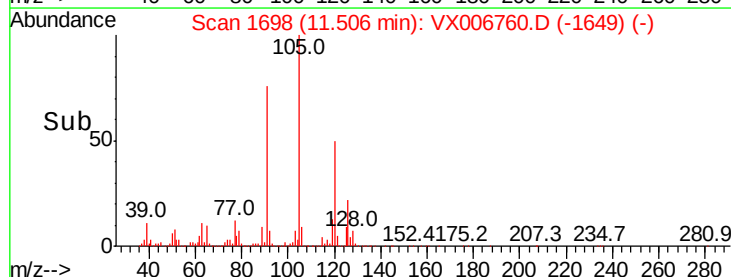
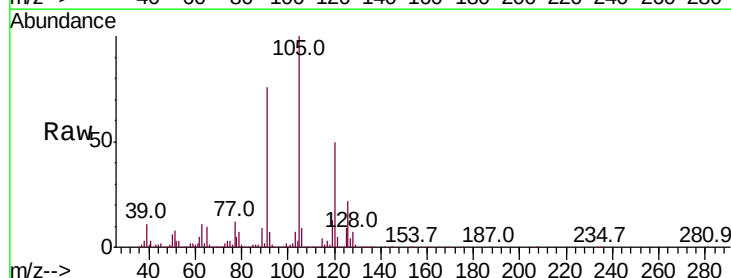
Acq: 22 Dec 2018 08:25

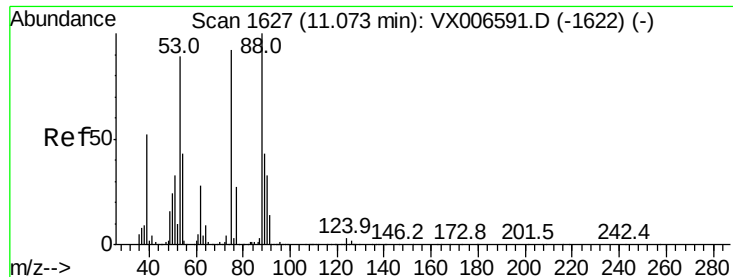
Tgt Ion: 105 Resp: 1122102

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





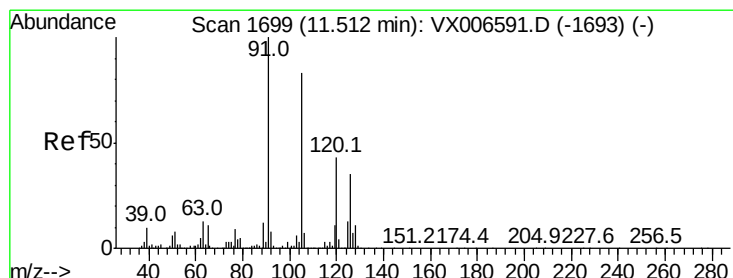
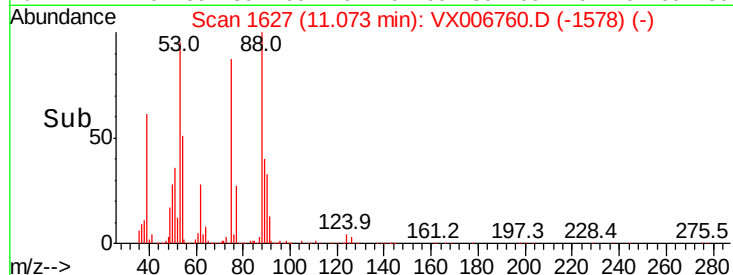
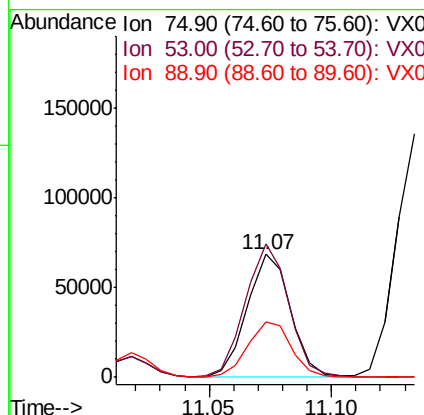
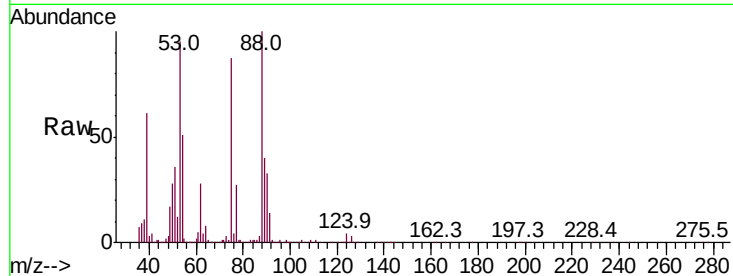
#81
trans-1,4-Dichloro-2-butene
Concen: 36.069 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.7	79.7	119.5
89	46.5	38.0	57.0

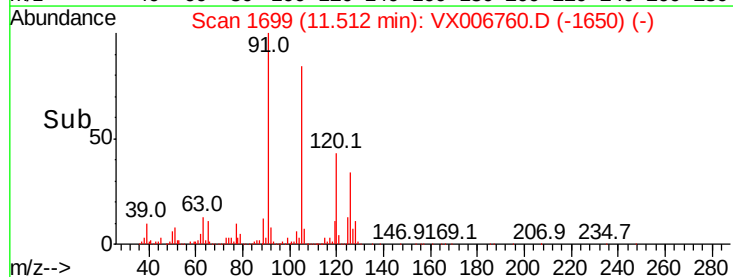
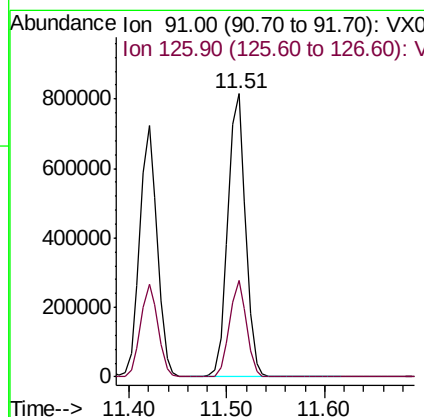
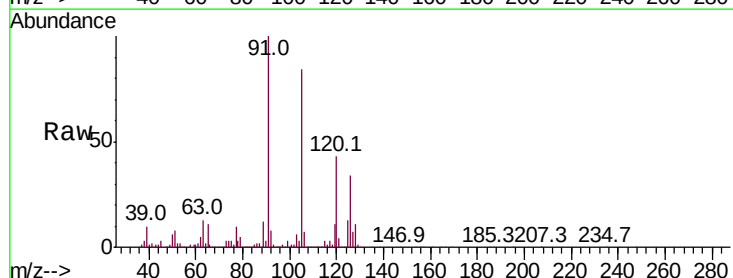
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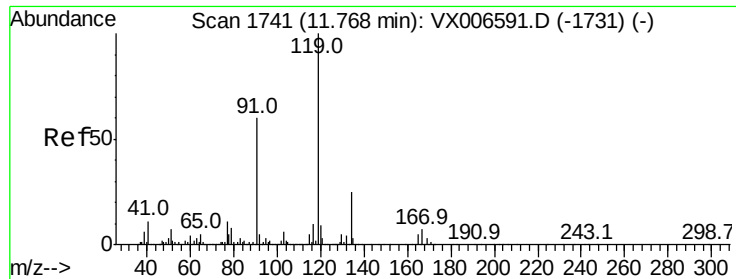
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.170 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.3	48.9





#83

tert-Butylbenzene

Concen: 50.728 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1140426

Ion Ratio Lower Upper

119 100

91 55.4 27.7 83.1

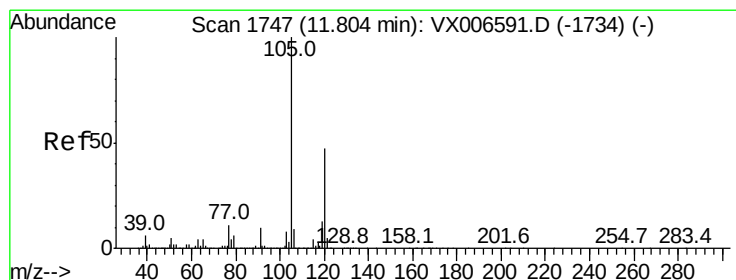
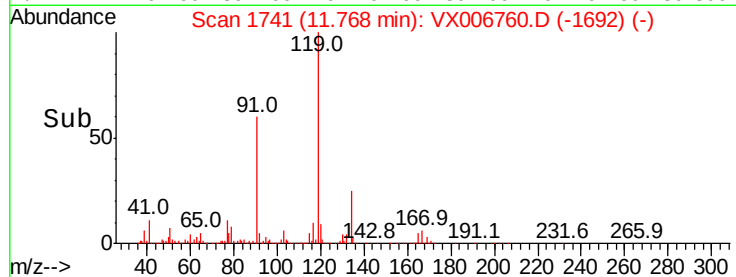
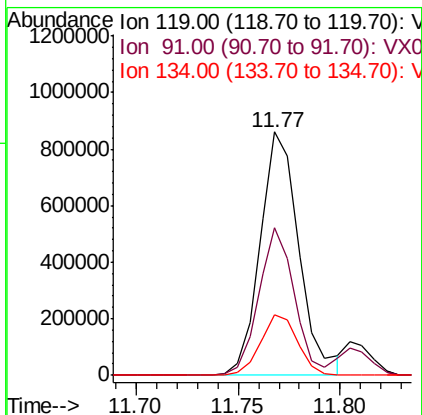
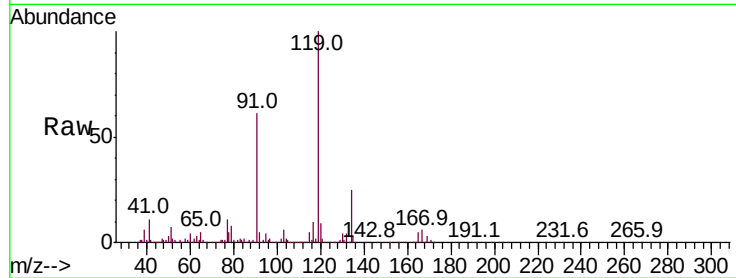
134 24.0 11.9 35.5

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#84

1,2,4-Trimethylbenzene

Concen: 48.736 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006760.D

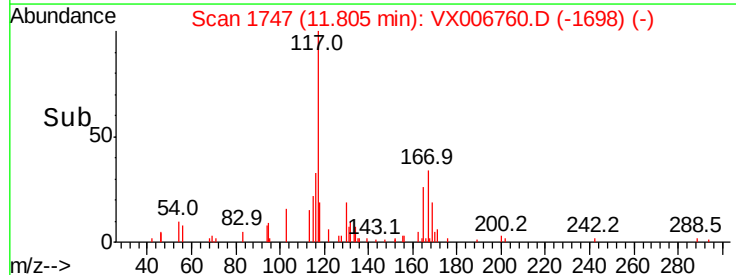
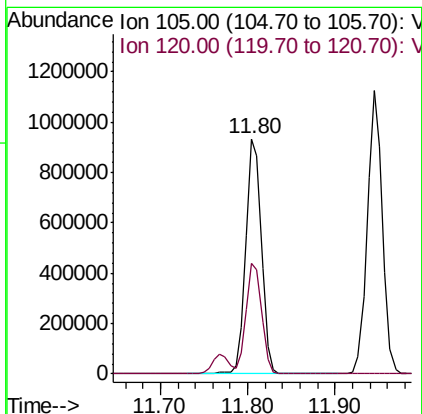
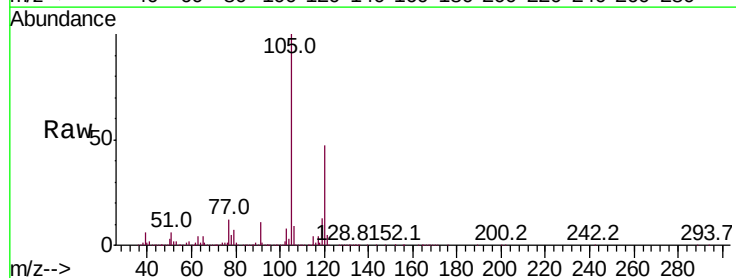
Acq: 22 Dec 2018 08:25

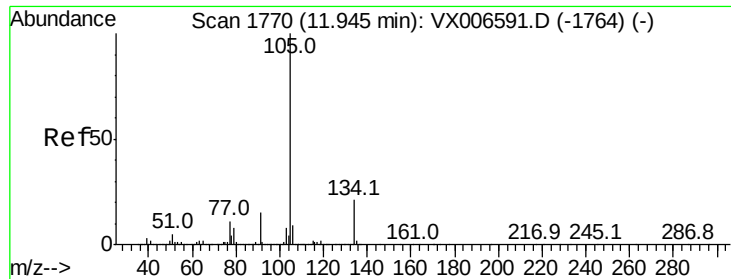
Tgt Ion:105 Resp: 1151459

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.321 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1359453

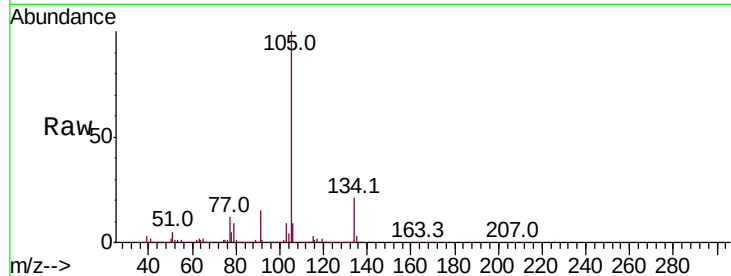
Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

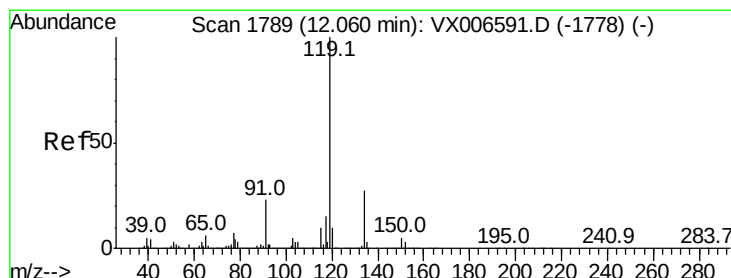
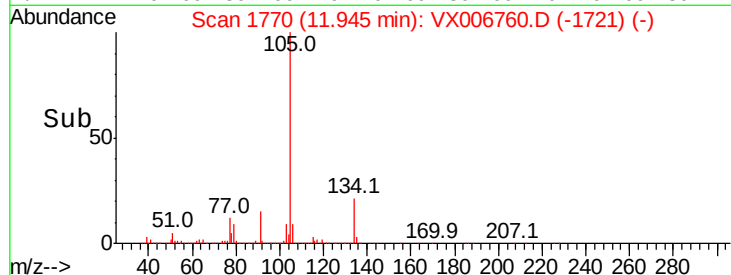
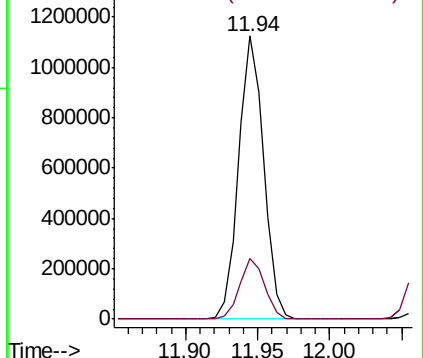
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.332 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

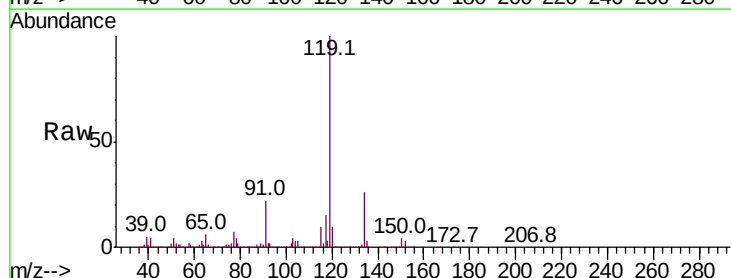
Tgt Ion:119 Resp: 1219520

Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

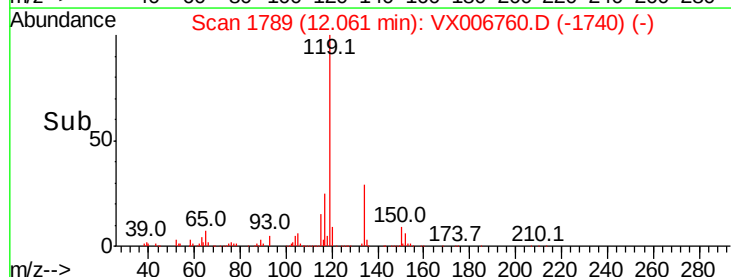
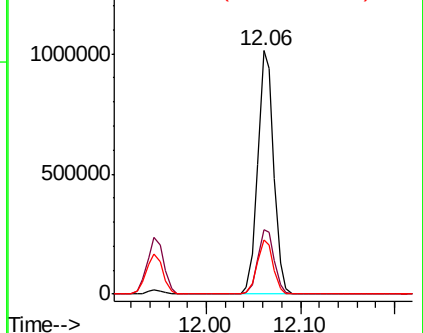
91 22.3 11.3 33.9

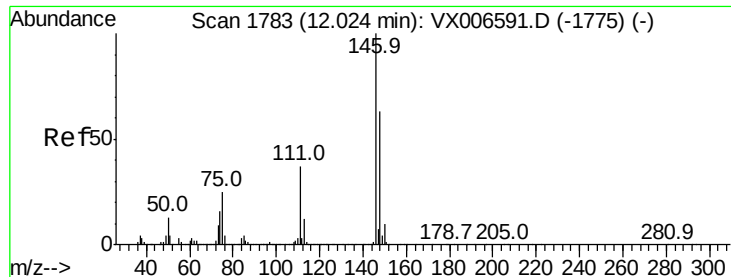


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.112 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006760.D

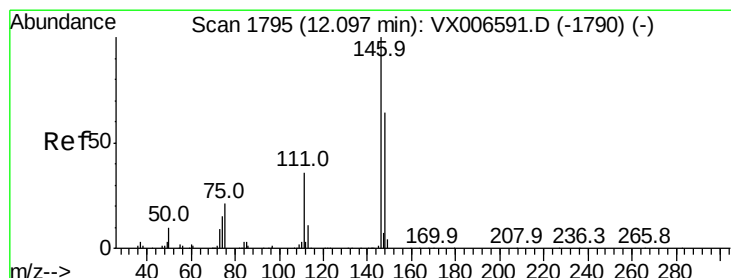
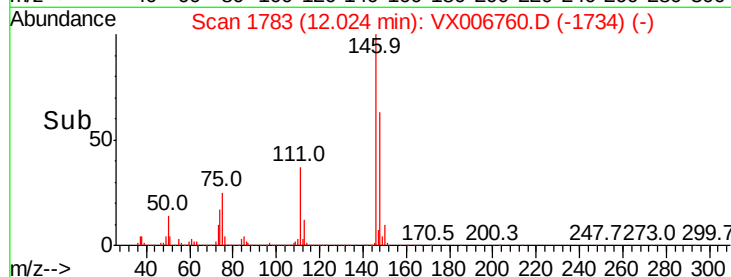
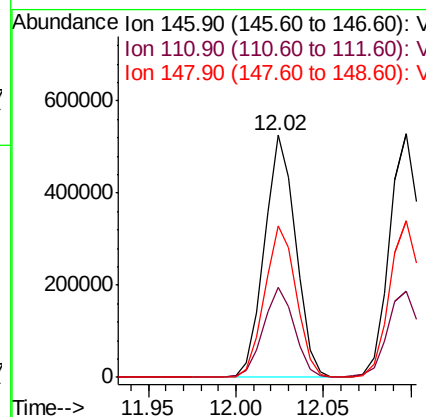
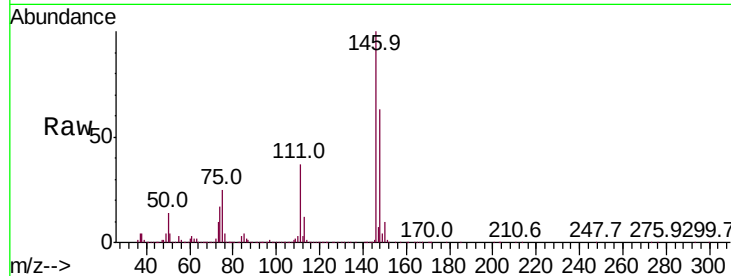
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	36.9	18.6	55.8
148	63.2	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 47.257 ug/l

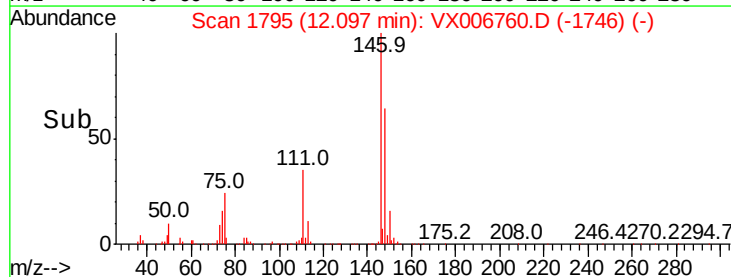
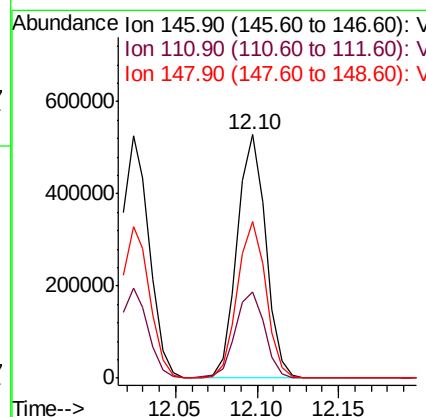
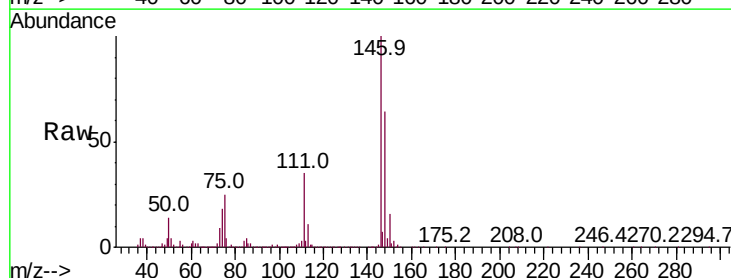
RT: 12.10 min Scan# 1795

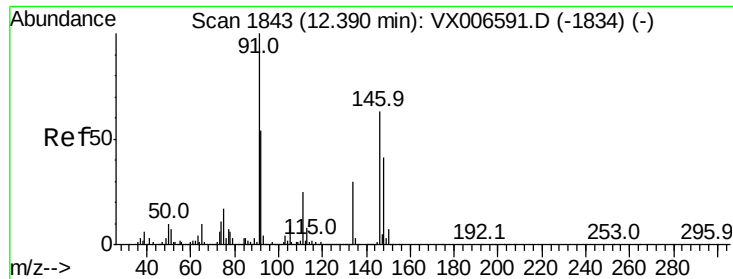
Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	36.5	18.1	54.1
148	64.7	31.9	95.9





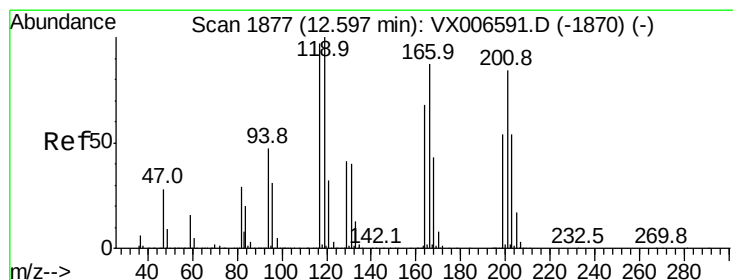
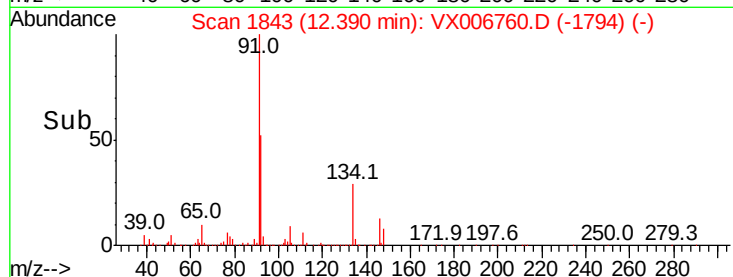
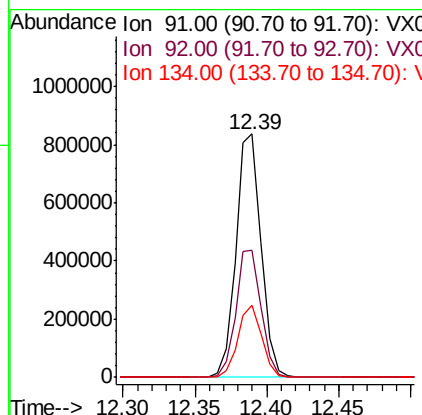
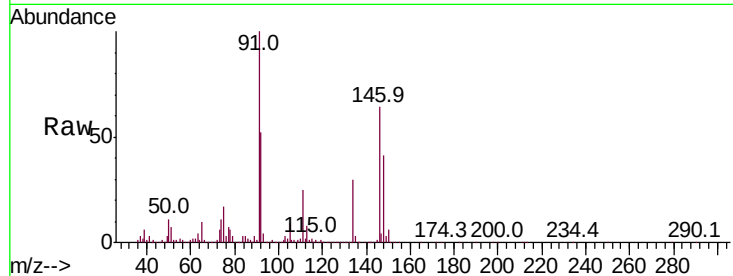
#89
n-Butylbenzene
Concen: 49.284 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1016260
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 28.2 14.4 43.2

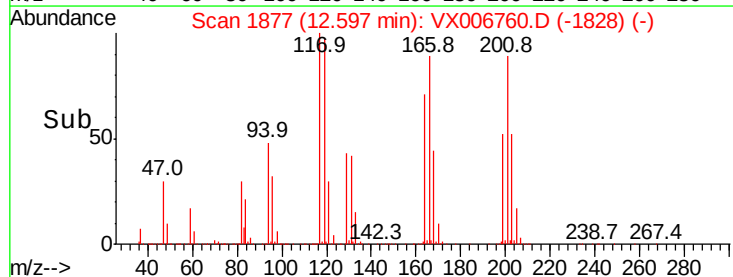
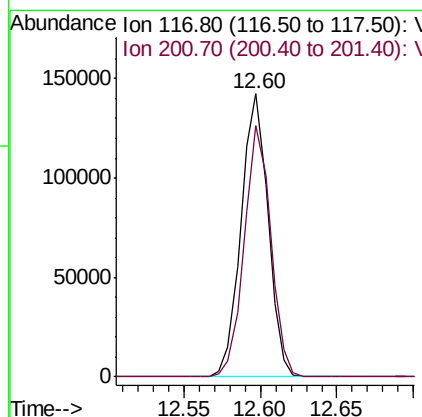
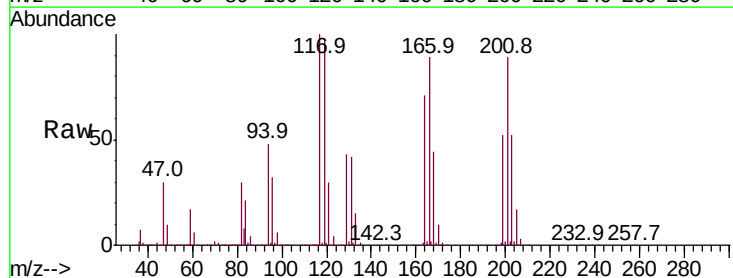
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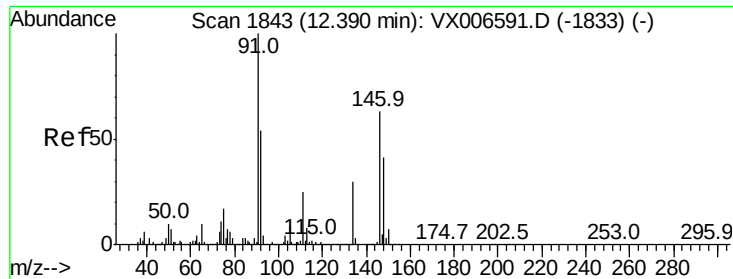
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#90
Hexachloroethane
Concen: 46.256 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 117 Resp: 174403
Ion Ratio Lower Upper
117 100
201 87.4 42.9 128.7





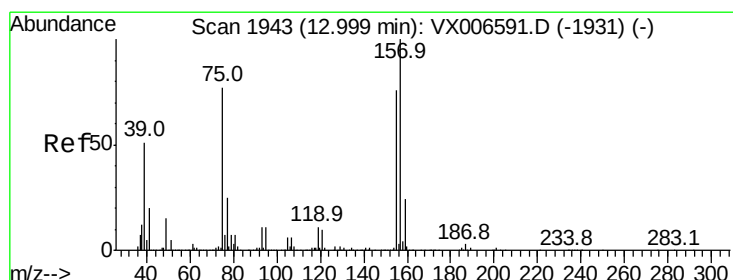
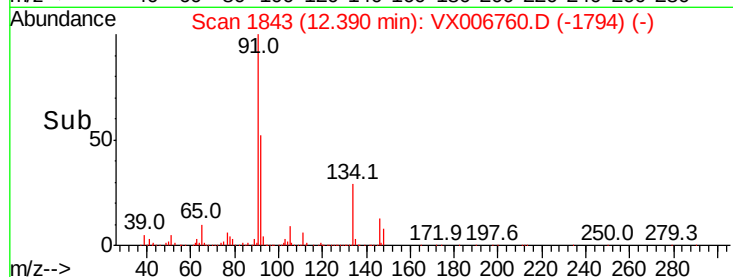
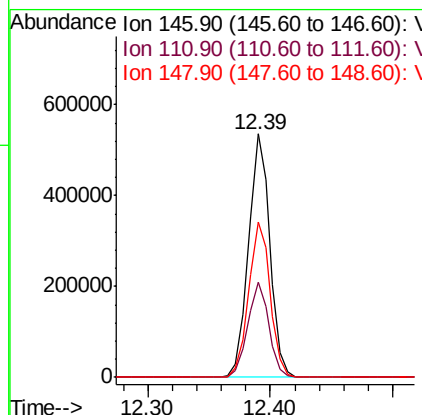
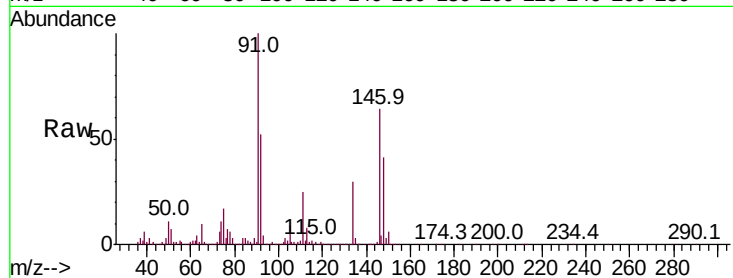
#91
 1,2-Dichlorobenzene
 Concen: 48.761 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	64.4	32.3	96.9

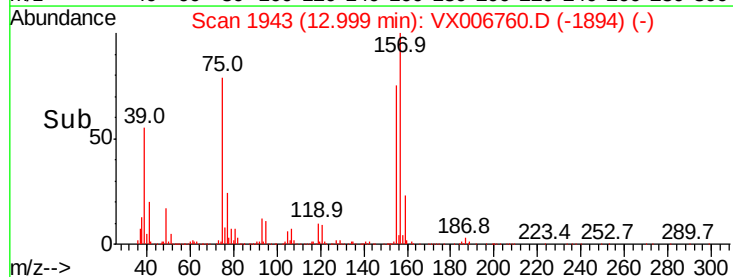
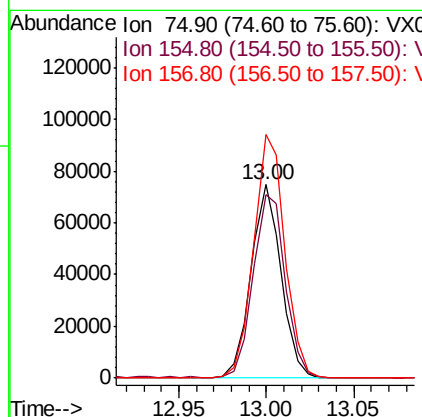
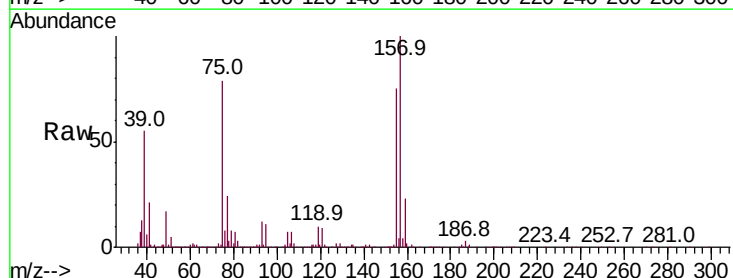
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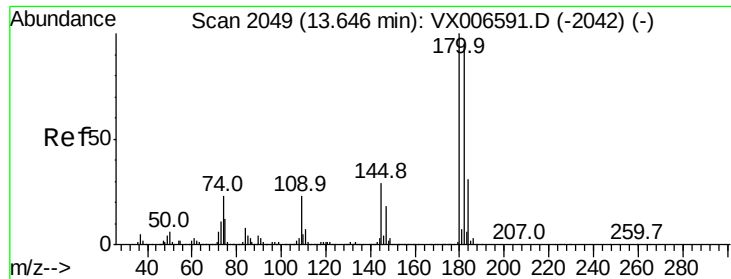
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.268 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	50.6	151.8
157	130.6	64.6	193.8





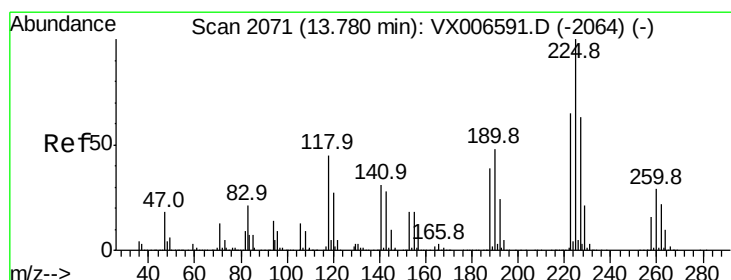
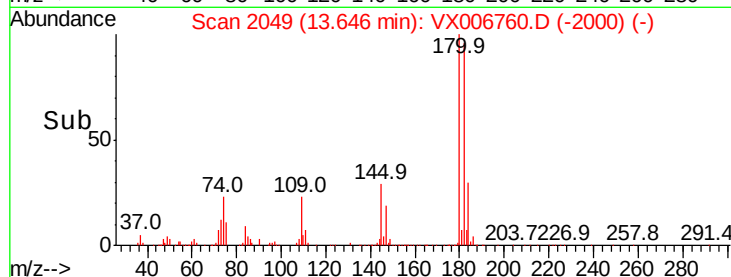
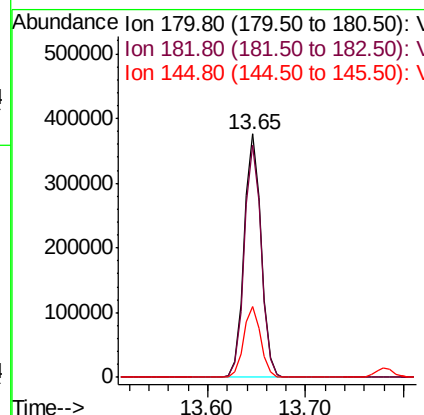
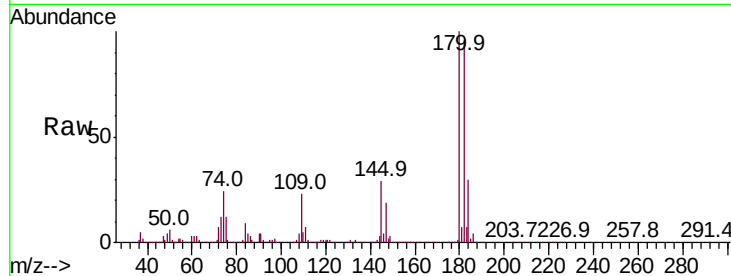
#93
 1,2,4-Trichlorobenzene
 Concen: 49.258 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.3	142.0	
145	29.3	14.8	44.3	

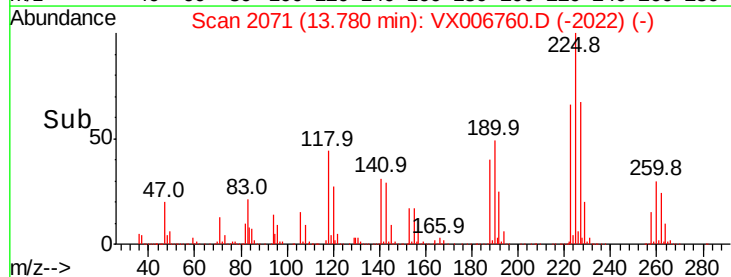
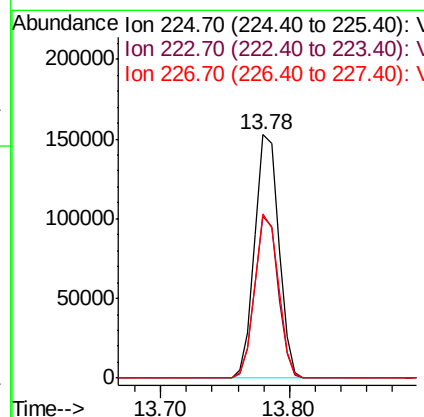
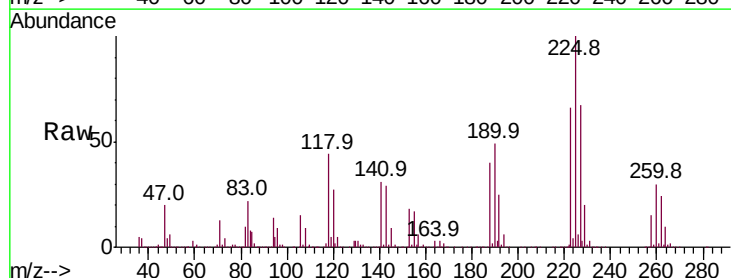
Manual Integrations
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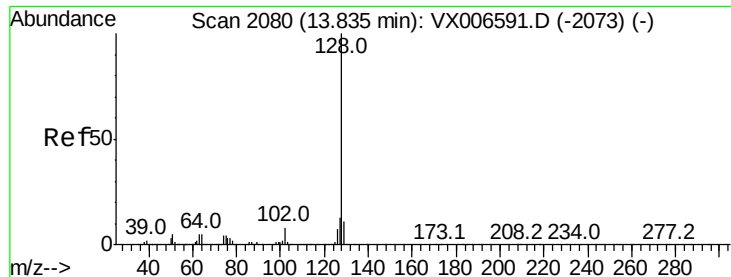
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#94
 Hexachlorobutadiene
 Concen: 45.297 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	32.1	96.3	
227	66.0	32.3	96.8	





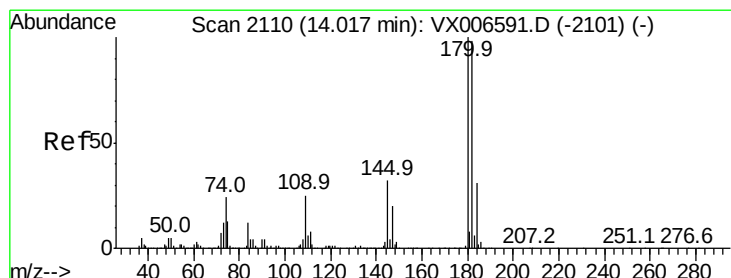
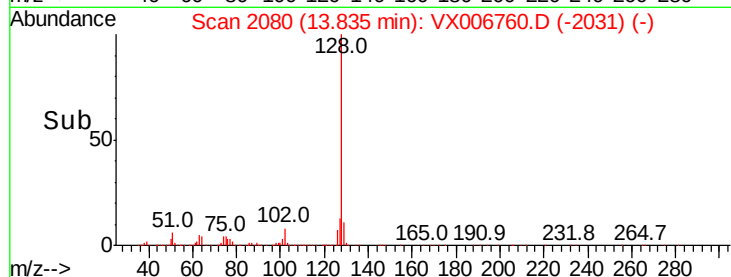
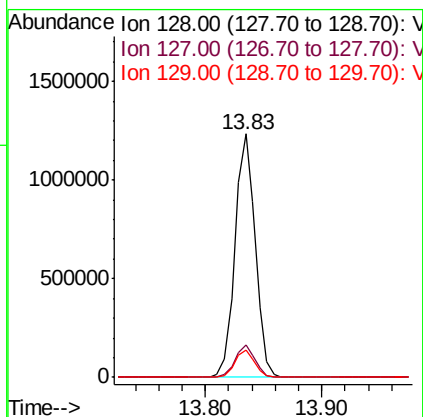
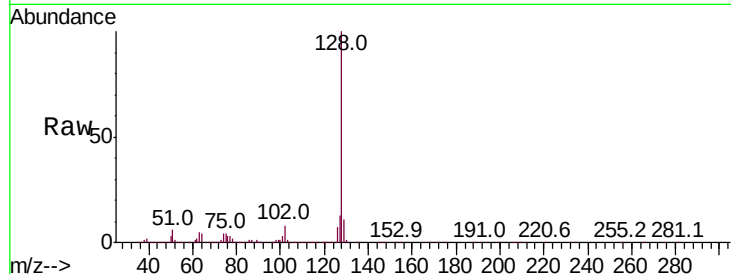
#95
Naphthalene
Concen: 50.938 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/22/2018 11:20:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.924 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.5	145.5
145	30.9	16.0	47.9

