

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006458.D
 Acq On : 12 Dec 2018 21:06
 Operator : JC/MD
 Sample : J6358-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:16 AM

Quant Time: Dec 13 07:12:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	556011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	850221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	787338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296988	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	5.51	113	283960	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	8.71	98	1033792	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.13	95	388904	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	275927	50.683	ug/l	98
3) Chloromethane	1.33	50	286742	51.254	ug/l	98
4) Vinyl Chloride	1.41	62	316657	52.590	ug/l	99
5) Bromomethane	1.64	94	291208	69.786	ug/l	99
6) Chloroethane	1.71	64	195012	52.823	ug/l	99
7) Trichlorofluoromethane	1.92	101	486916	52.681	ug/l	98
8) Diethyl Ether	2.19	74	188291	53.828	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	278913	53.070	ug/l	98
10) Methyl Iodide	2.51	142	453645	57.276	ug/l	98
11) Tert butyl alcohol	3.08	59	373818	240.823	ug/l	99
12) 1,1-Dichloroethene	2.37	96	270130	53.692	ug/l	92
13) Acrolein	2.30	56	195300	230.197	ug/l	99
14) Allyl chloride	2.73	41	461989	46.485	ug/l	98
15) Acrylonitrile	3.15	53	823199	254.138	ug/l	100
16) Acetone	2.45	43	668840	251.094	ug/l	96
17) Carbon Disulfide	2.57	76	756541	48.799	ug/l	98
18) Methyl Acetate	2.78	43	423278	47.517	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	934668	52.076	ug/l	99
20) Methylene Chloride	2.85	84	303046	53.457	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	290333	54.151	ug/l	91
22) Diisopropyl ether	3.87	45	829766	53.452	ug/l	96
23) Vinyl Acetate	3.82	43	3233525	244.220	ug/l	99
24) 1,1-Dichloroethane	3.70	63	481011	54.212	ug/l	100
25) 2-Butanone	4.70	43	996597	262.213	ug/l	95
26) 2,2-Dichloropropane	4.59	77	347669	42.457	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	334608	55.950	ug/l	96
28) Bromochloromethane	5.02	49	202777	52.321	ug/l	98
29) Tetrahydrofuran	5.15	42	679483	257.234	ug/l	97
30) Chloroform	5.21	83	516398	55.382	ug/l	98
31) Cyclohexane	5.57	56	443788	54.121	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	462593	52.143	ug/l	100
36) 1,1-Dichloropropene	5.80	75	380969	53.210	ug/l	99
37) Ethyl Acetate	4.85	43	378229	47.173	ug/l	97
38) Carbon Tetrachloride	5.78	117	414840	49.252	ug/l	97

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	493210	53.070	ug/l	98
40) Benzene	6.14	78	1170070	54.564	ug/l	97
41) Methacrylonitrile	5.06	41	219490	49.749	ug/l	99
42) 1,2-Dichloroethane	6.20	62	381108	54.303	ug/l	99
43) Isopropyl Acetate	6.46	43	624379	46.706	ug/l	98
44) Trichloroethene	7.21	130	345104	53.123	ug/l	95
45) 1,2-Dichloropropane	7.52	63	289168	53.058	ug/l	99
46) Dibromomethane	7.66	93	209582	53.246	ug/l	97
47) Bromodichloromethane	7.90	83	377184	49.483	ug/l	98
48) Methyl methacrylate	7.77	41	323291	49.710	ug/l	97
49) 1,4-Dioxane	7.75	88	161902	1010.067	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1965978	252.623	ug/l	98
52) Toluene	8.79	92	774629	54.907	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	419262	47.032	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	451014	48.723	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	314451	54.864	ug/l	99
56) Ethyl methacrylate	9.18	69	466773	52.095	ug/l	97
57) 1,3-Dichloropropane	9.37	76	490320	54.101	ug/l	99
59) 2-Hexanone	9.49	43	1467743	246.859	ug/l	99
60) Dibromochloromethane	9.59	129	347870	49.222	ug/l	99
61) 1,2-Dibromoethane	9.67	107	347573	54.235	ug/l	98
64) Tetrachloroethene	9.34	164	309141	52.137	ug/l	99
65) Chlorobenzene	10.14	112	906903	54.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	328293	50.555	ug/l	99
67) Ethyl Benzene	10.25	91	1487353	53.506	ug/l	100
68) m/p-Xylenes	10.36	106	1185528	106.469	ug/l	99
69) o-Xylene	10.70	106	586729	53.345	ug/l	99
70) Stvrene	10.71	104	937817	52.719	ug/l	99
71) Bromoform	10.86	173	264329	43.121	ug/l	99
73) Isopropylbenzene	11.02	105	1535968	55.567	ug/l	100
74) N-amyl acetate	10.90	43	546879	45.944	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	466565	52.760	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	420079m	54.374	ug/l	
77) Bromobenzene	11.26	156	418189	54.515	ug/l	99
78) n-propylbenzene	11.36	91	1684142	54.811	ug/l	99
79) 2-Chlorotoluene	11.42	91	996758	54.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1273464	55.371	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	137780	41.851	ug/l	90
82) 4-Chlorotoluene	11.51	91	1145264	53.937	ug/l	100
83) tert-Butylbenzene	11.77	119	1326030	54.038	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1305369	54.967	ug/l	99
85) sec-Butylbenzene	11.94	105	1543241	55.281	ug/l	100
86) p-Isopropyltoluene	12.07	119	1381549	54.959	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	741559	54.328	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	736635	53.171	ug/l	99
89) n-Butylbenzene	12.39	91	1142118	53.249	ug/l	99
90) Hexachloroethane	12.60	117	240565	46.955	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	719977	53.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	102341	45.146	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	512054	51.811	ug/l	99

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ClientSampleId :
BP-TT-SW4002-20181211MSD

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	227067	51.951	ug/l	99
95) Naphthalene	13.83	128	1642827	53.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	517188	52.833	ug/l	99

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

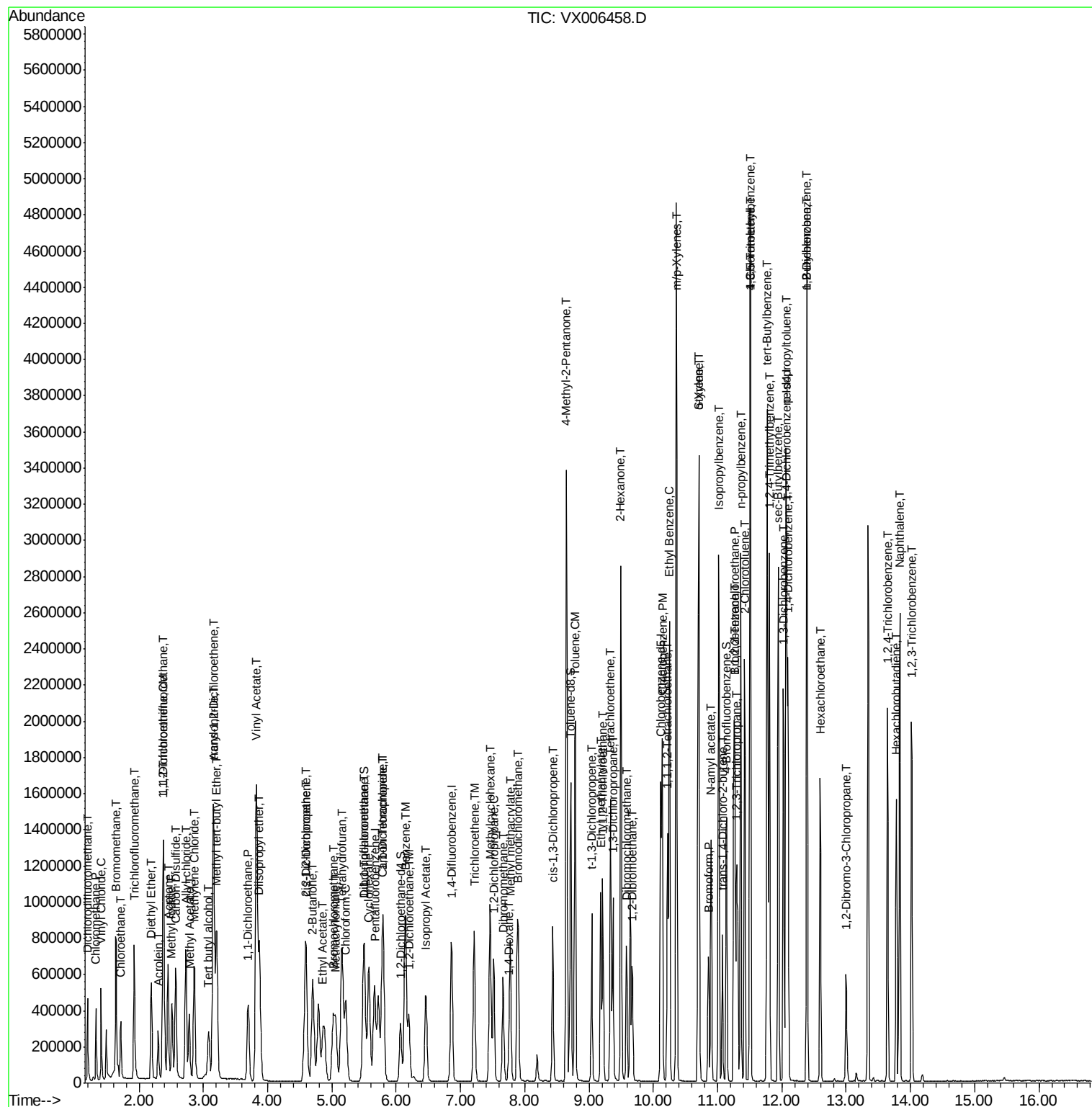
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 Data File : VX006458.D
 Acq On : 12 Dec 2018 21:06
 Operator : JC/MD
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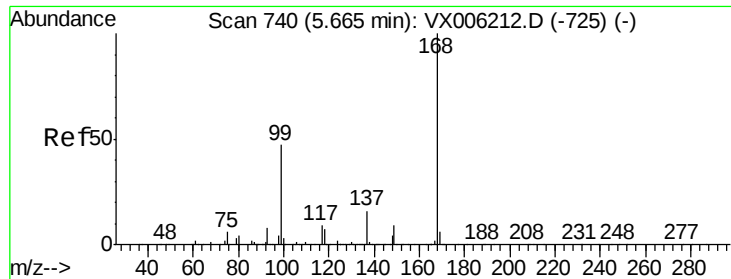
Instrument :
 MSVOA_X
 ClientSampleId :
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#1

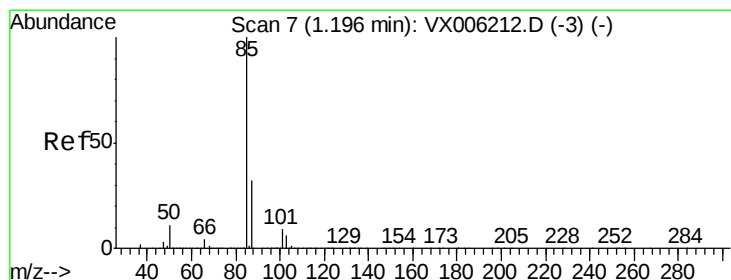
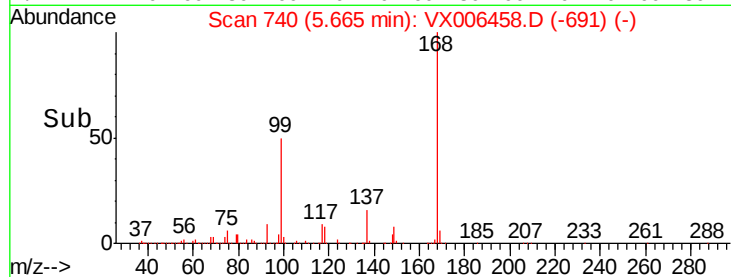
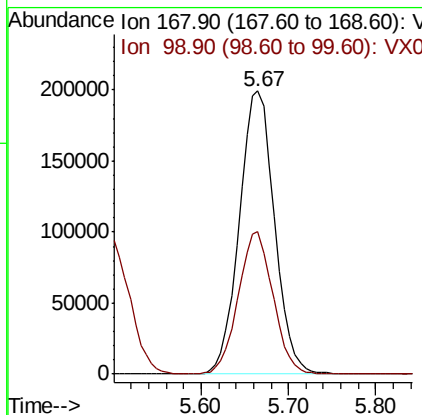
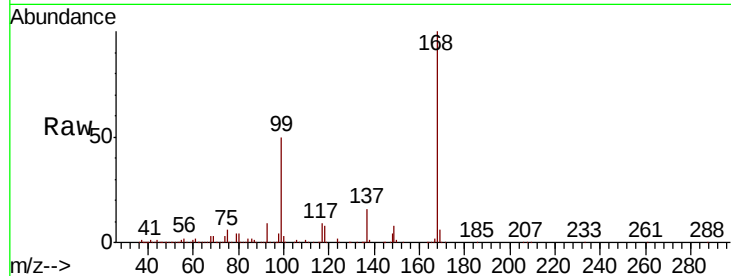
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.2	37.8	56.8

Manual Integrations
 APPROVED

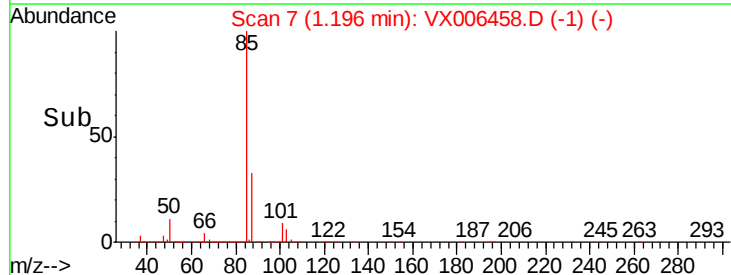
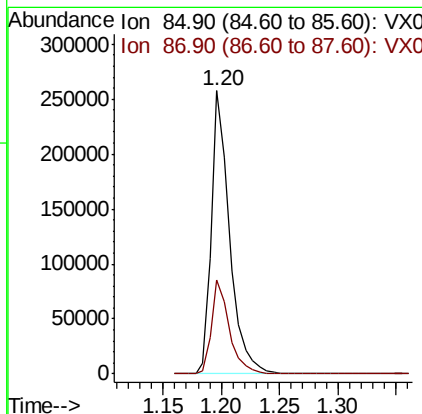
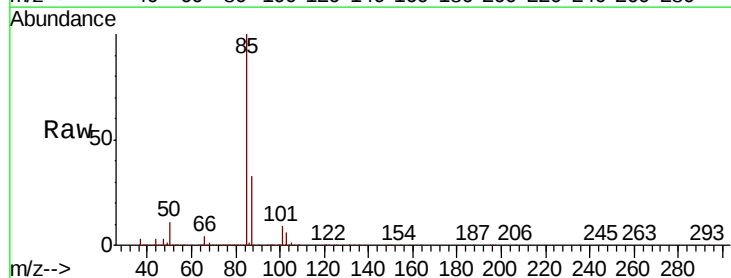
MMDadoda
 12/13/2018 11:05:16 AM



#2

Dichlorodifluoromethane
 Concen: 50.683 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.1	48.2





#3

Chloromethane

Concen: 51.254 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 50 Resp: 286742

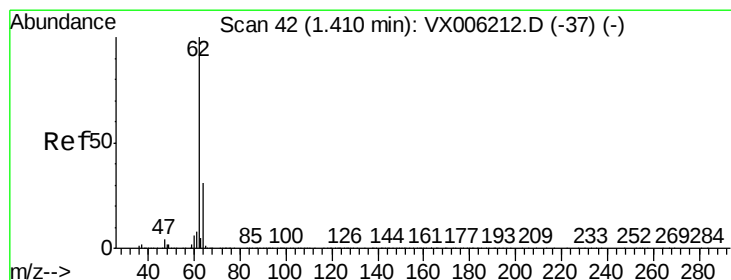
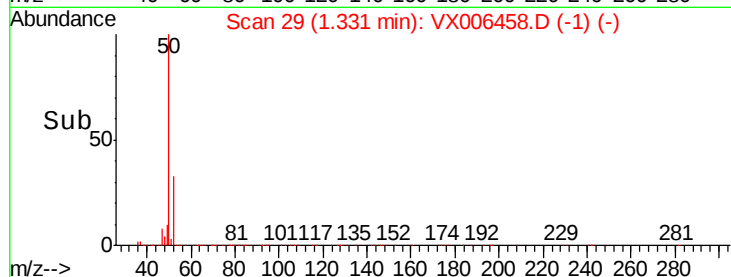
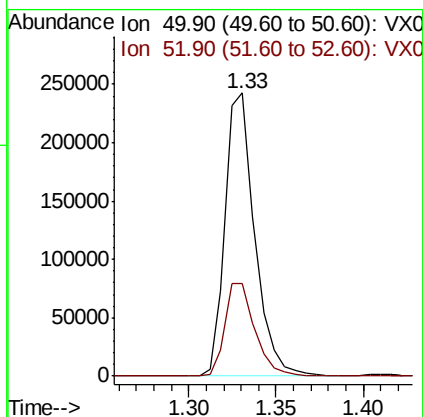
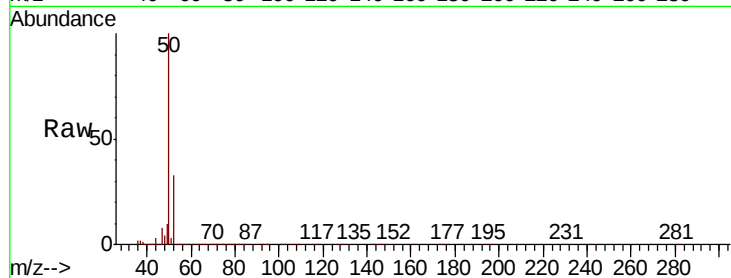
Ion Ratio Lower Upper

50 100

52 32.6 25.2 37.8

Manual Integrations
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12/13/2018 11:05:16 AM



#4

Vinyl Chloride

Concen: 52.590 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006458.D

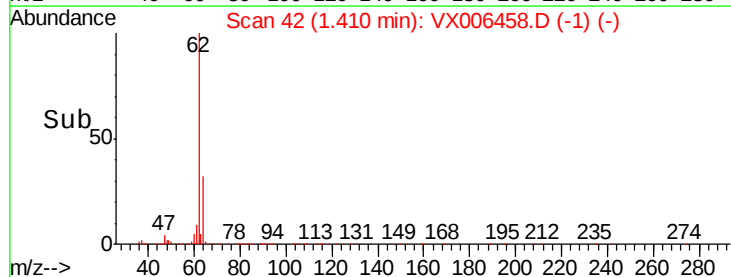
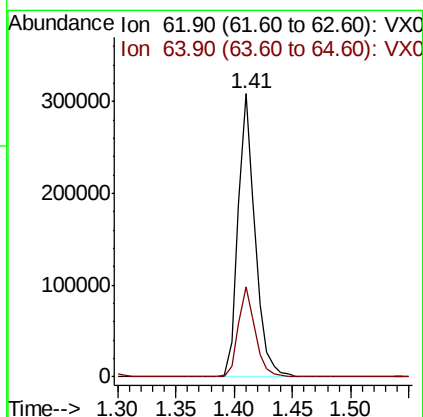
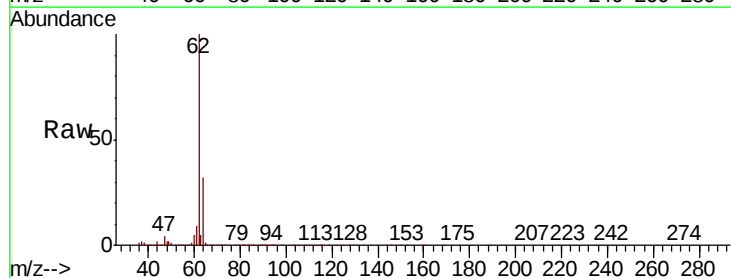
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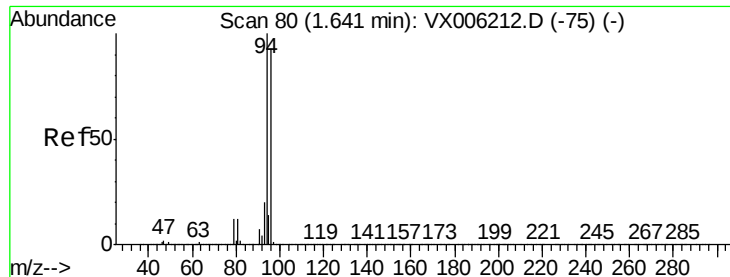
Tgt Ion: 62 Resp: 316657

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 69.786 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 94 Resp: 291208

Ion Ratio Lower Upper

94 100

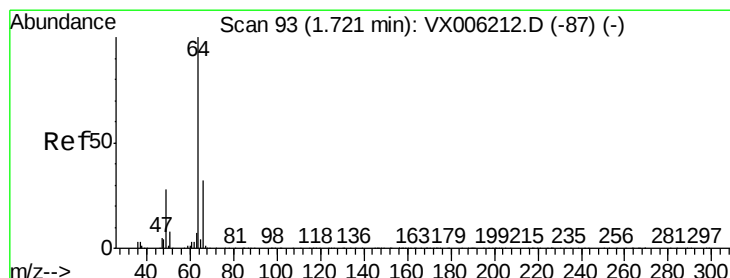
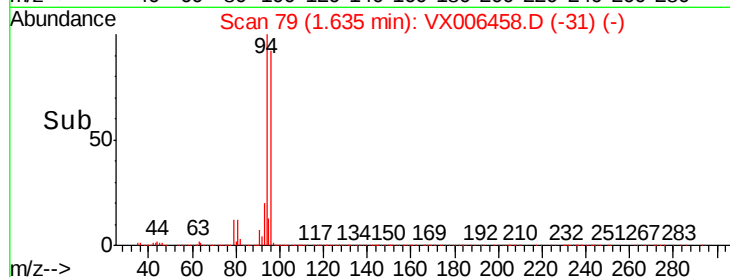
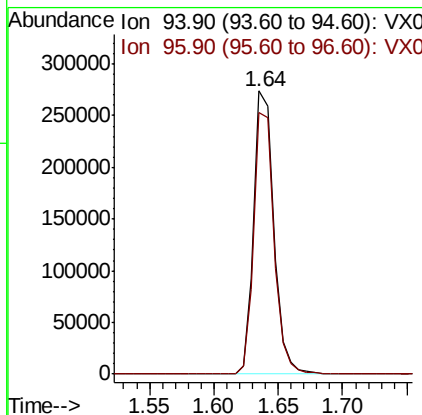
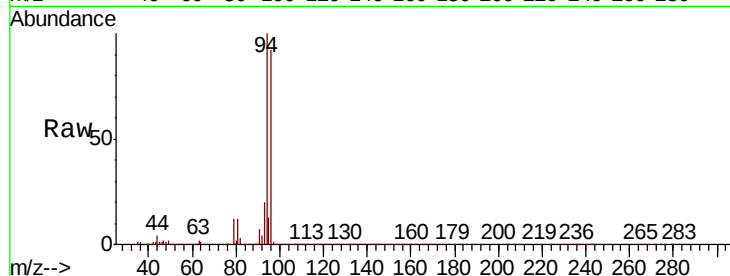
96 92.5 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 52.823 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006458.D

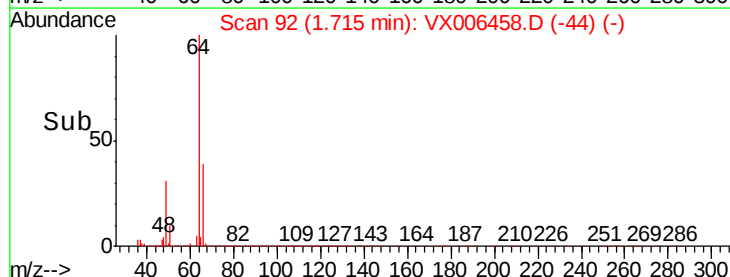
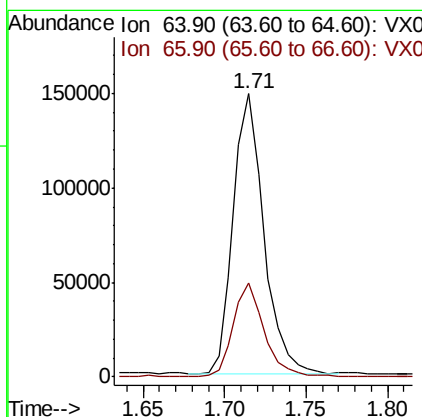
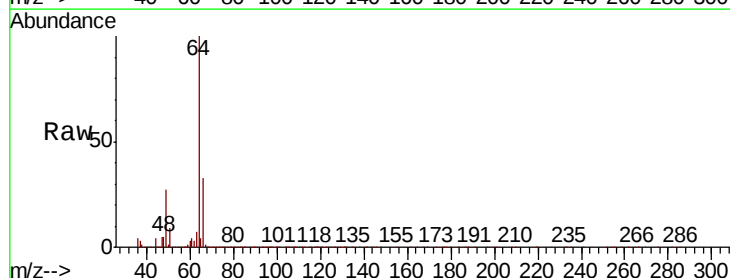
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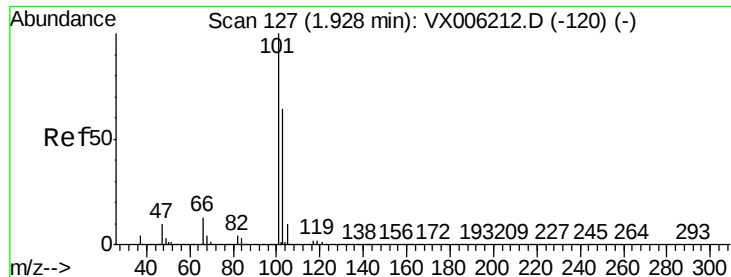
Tgt Ion: 64 Resp: 195012

Ion Ratio Lower Upper

64 100

66 33.0 25.9 38.9





#7

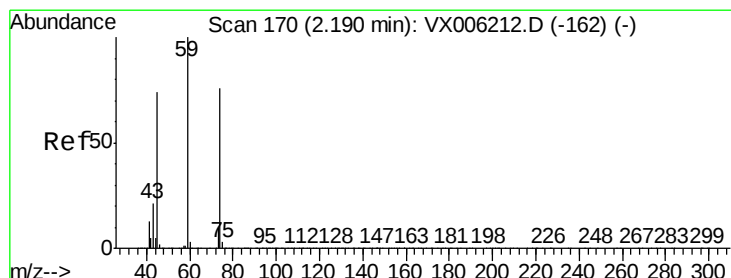
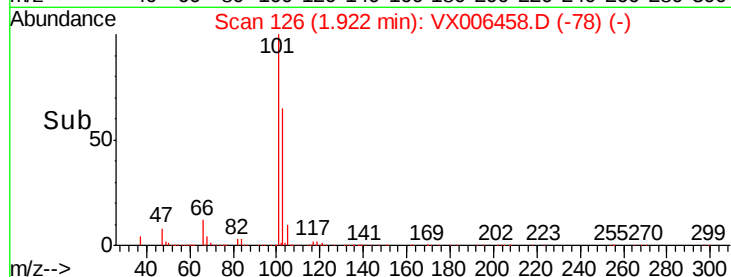
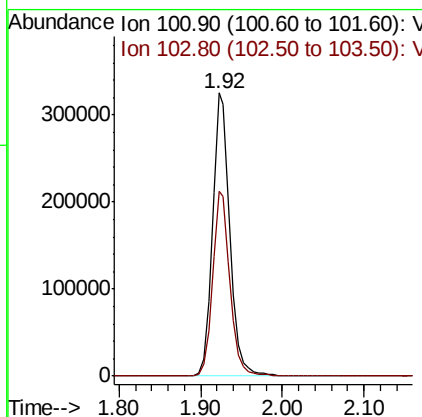
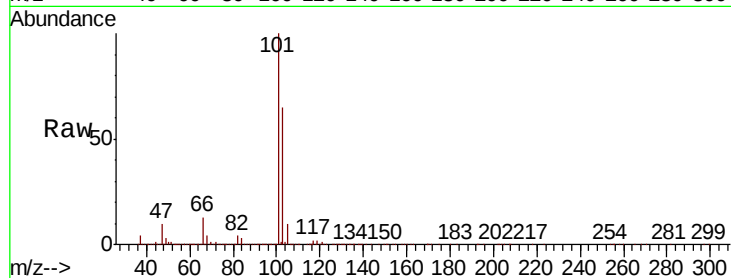
Trichlorofluoromethane
Concen: 52.681 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	486916		
103	65.1	51.0	76.4	

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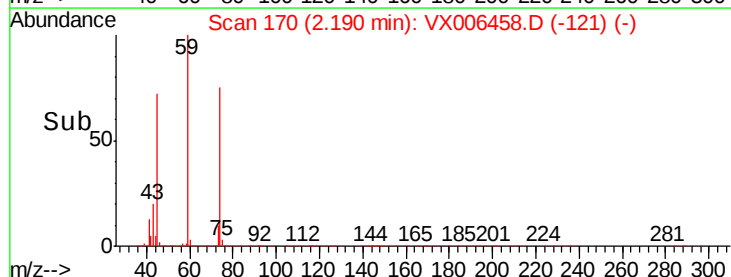
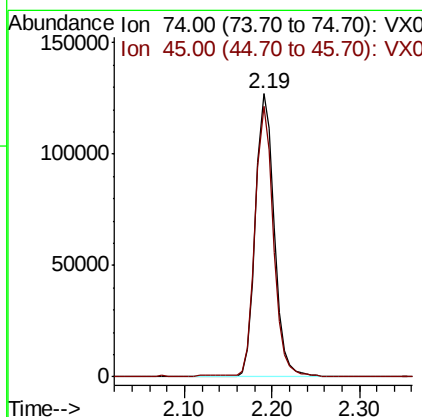
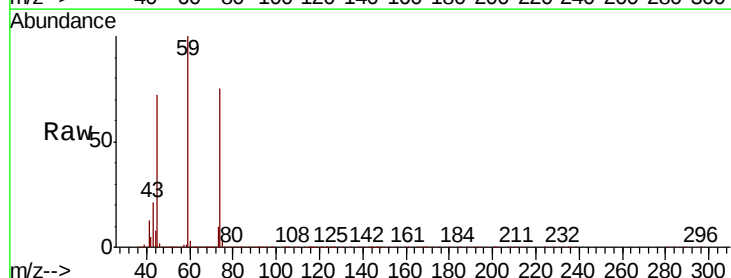
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12/13/2018 11:05:16 AM

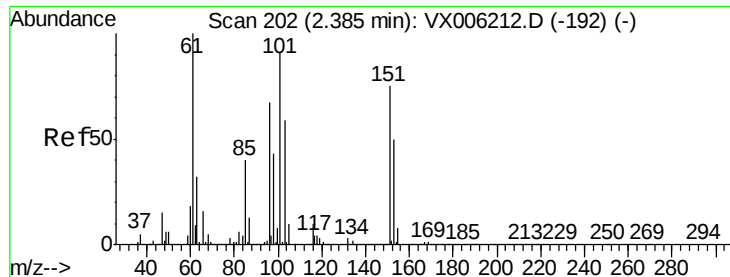


#8

Diethyl Ether
Concen: 53.828 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	188291		
45	92.7	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.070 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

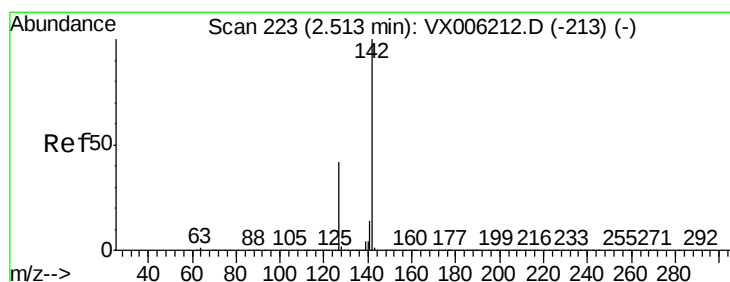
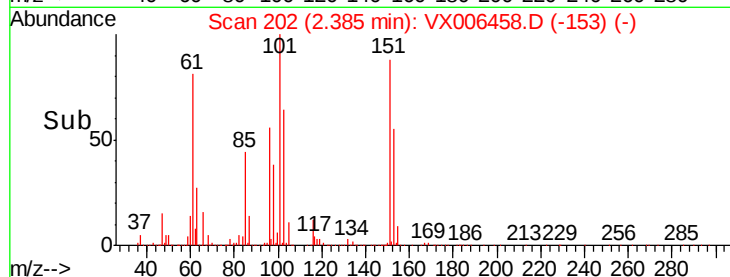
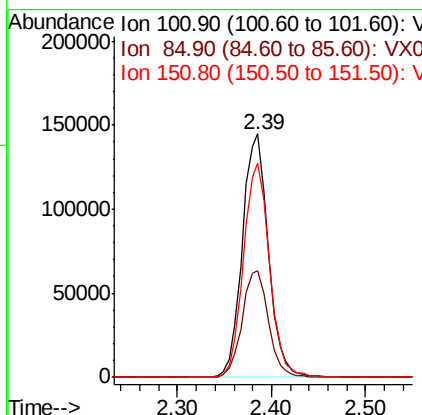
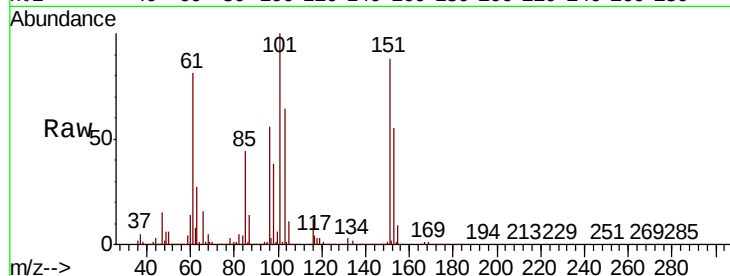
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	101	Resp:	278913
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.5	53.3
151	88.4	68.6	103.0

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#10

Methyl Iodide

Concen: 57.276 ug/l

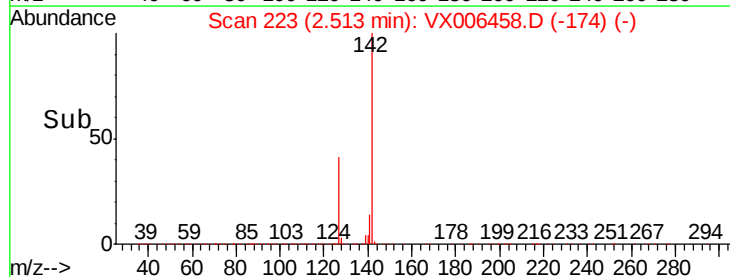
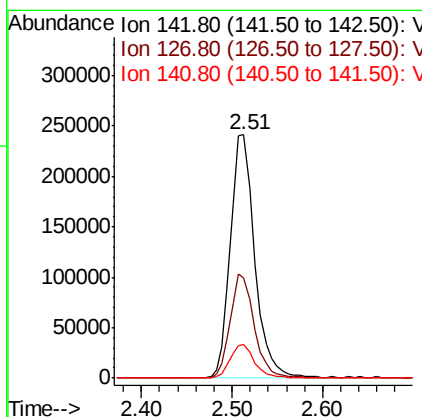
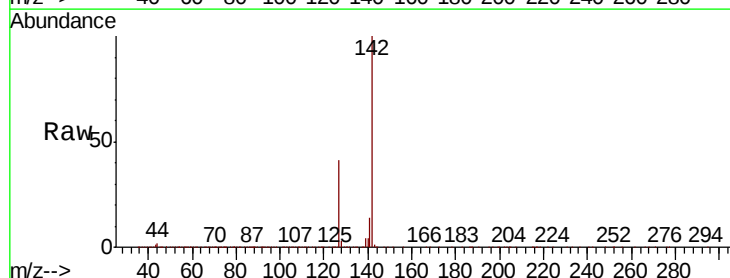
RT: 2.51 min Scan# 223

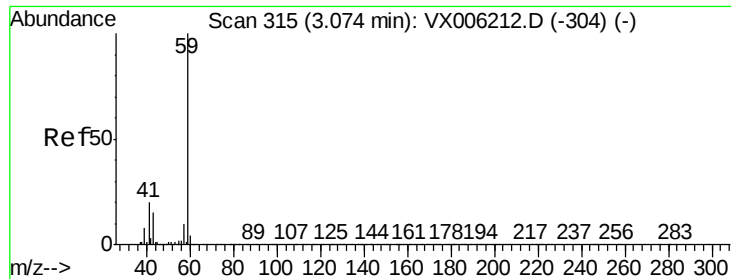
Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	142	Resp:	453645
Ion Ratio	Lower	Upper	
142	100		
127	41.9	34.8	52.2
141	13.8	11.4	17.2





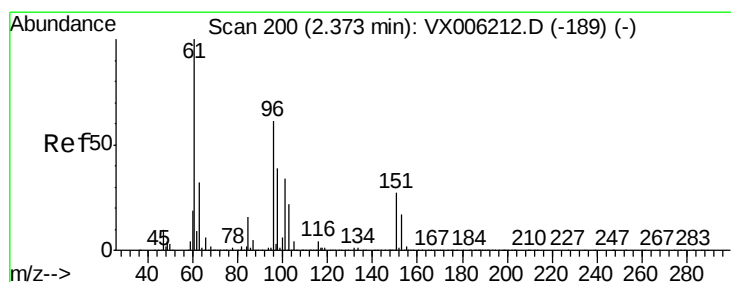
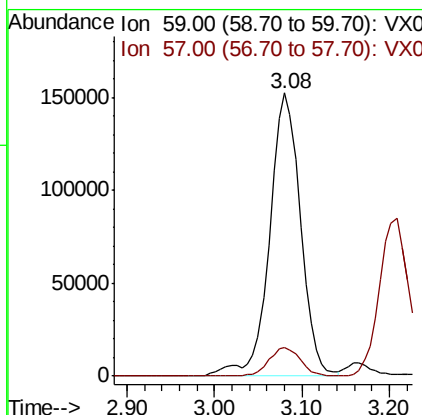
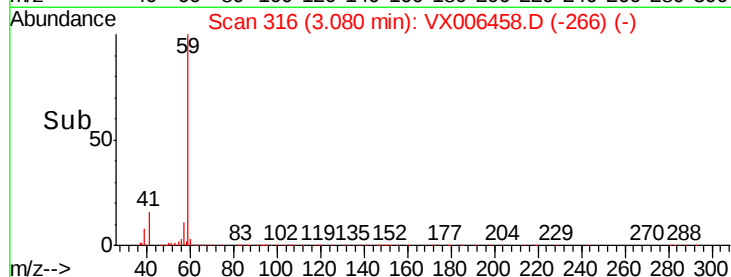
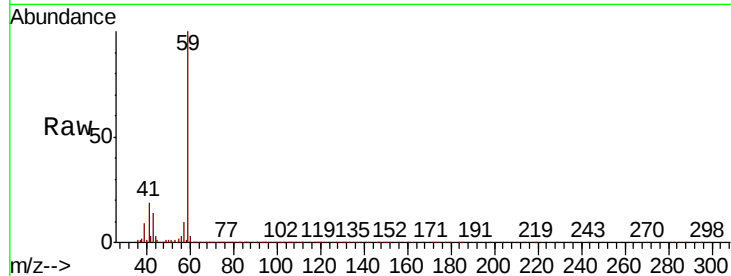
#11
Tert butyl alcohol
Concen: 240.823 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

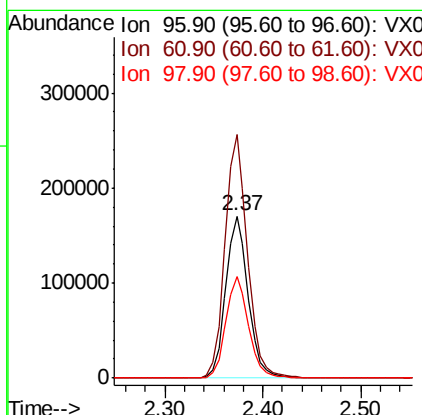
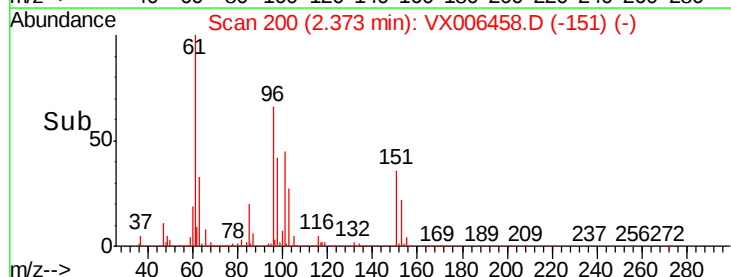
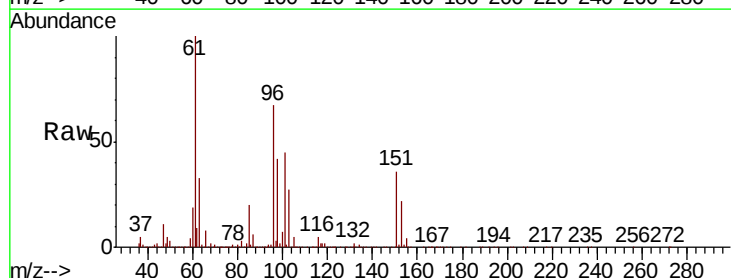
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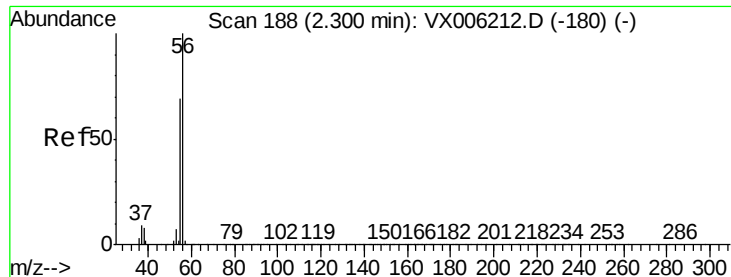
MMDadoda
12/13/2018 11:05:16 AM



#12
1,1-Dichloroethene
Concen: 53.692 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.3	131.7	197.5
98	62.5	51.8	77.6





#13

Acrolein

Concen: 230.197 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 56 Resp: 195300

Ion Ratio Lower Upper

56 100

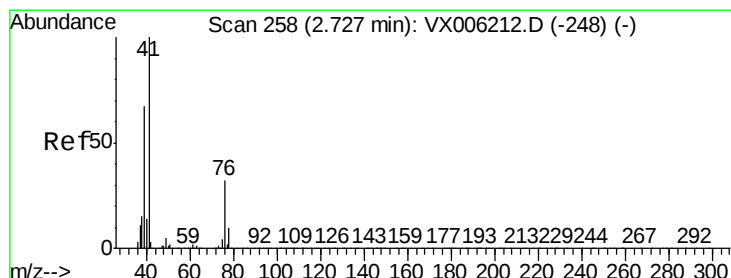
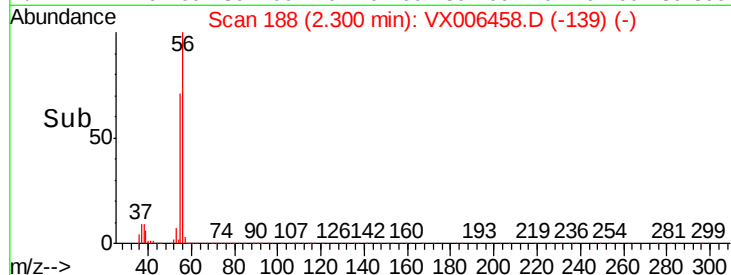
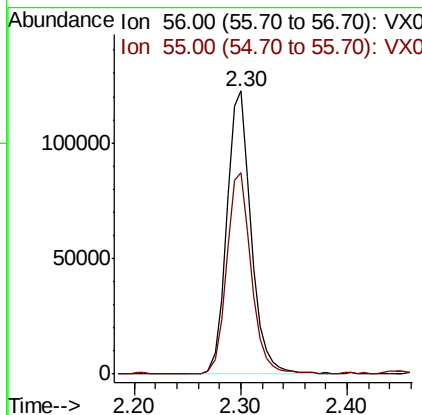
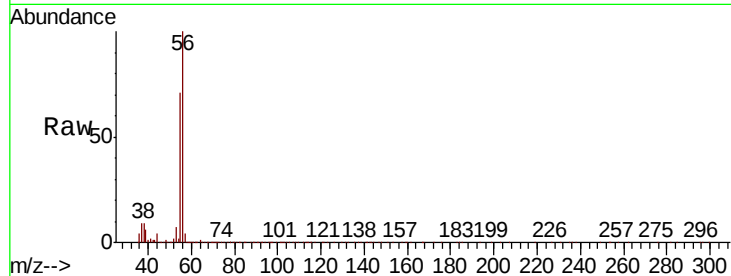
55 71.5 57.8 86.6

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#14

Allyl chloride

Concen: 46.485 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

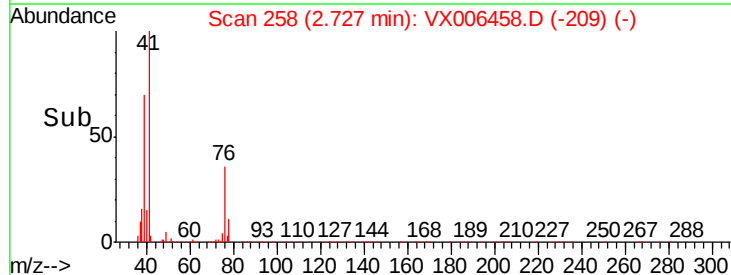
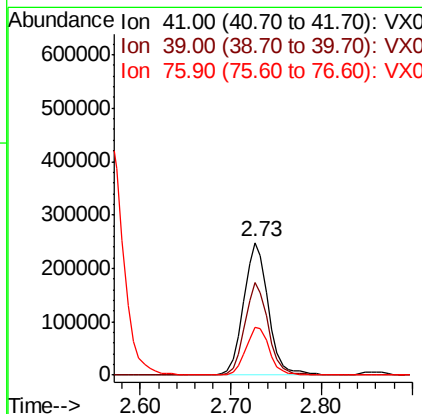
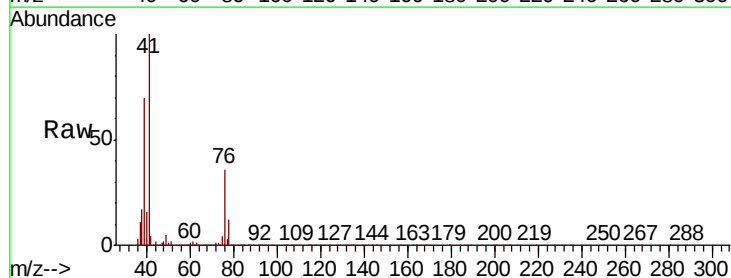
Tgt Ion: 41 Resp: 461989

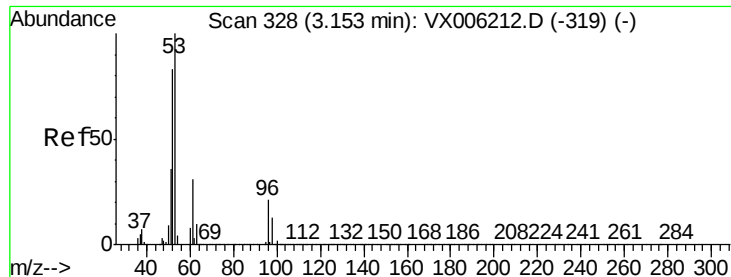
Ion Ratio Lower Upper

41 100

39 66.3 52.4 78.6

76 34.6 25.4 38.0





#15

Acrylonitrile

Concen: 254.138 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

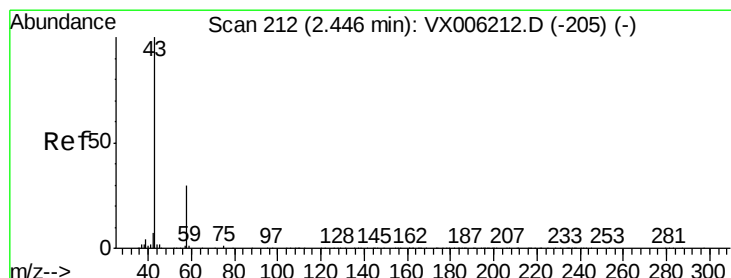
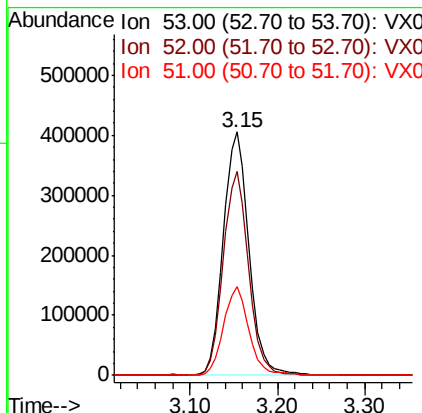
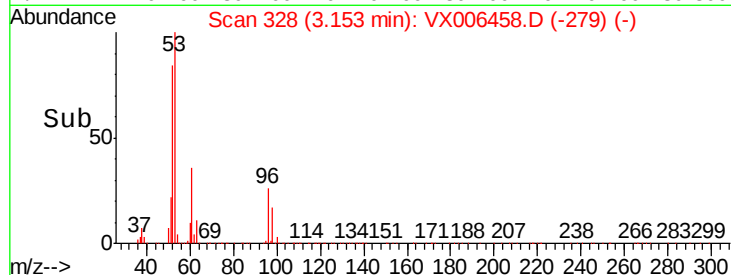
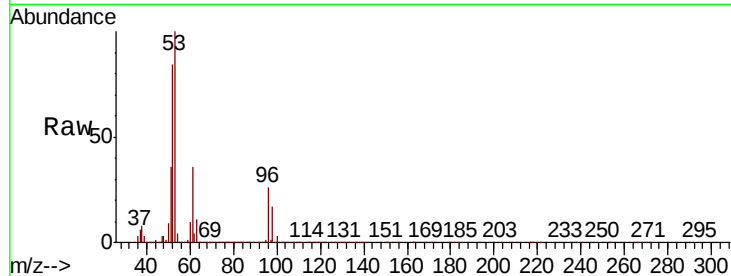
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	53	Resp:	823199
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.2	99.4
51	36.2	28.7	43.1

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#16

Acetone

Concen: 251.094 ug/l

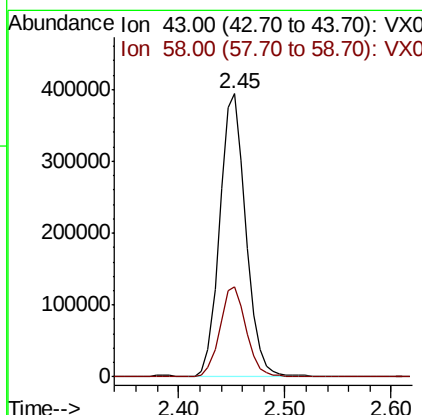
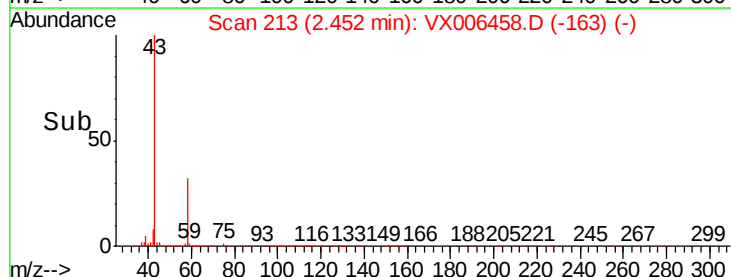
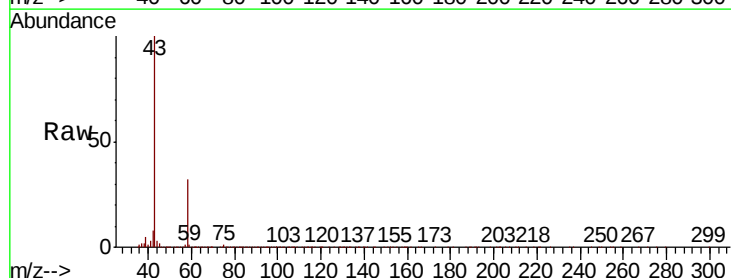
RT: 2.45 min Scan# 213

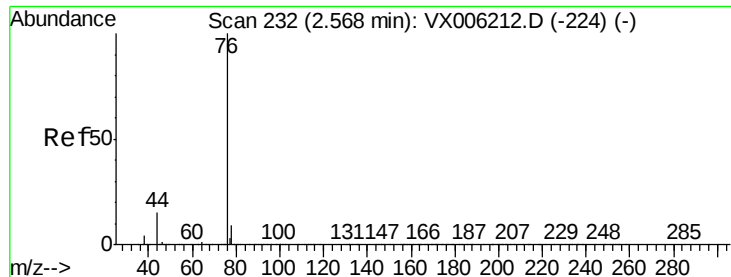
Delta R.T. 0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	43	Resp:	668840
Ion Ratio	Lower	Upper	
43	100		
58	31.9	24.0	36.0





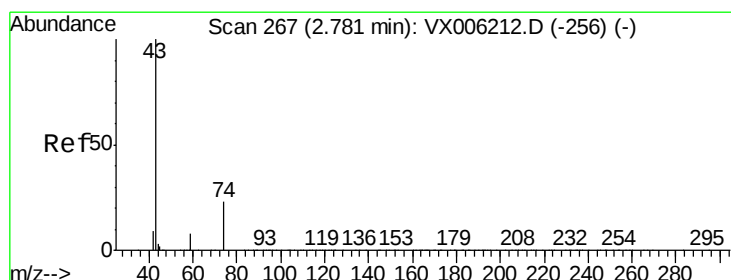
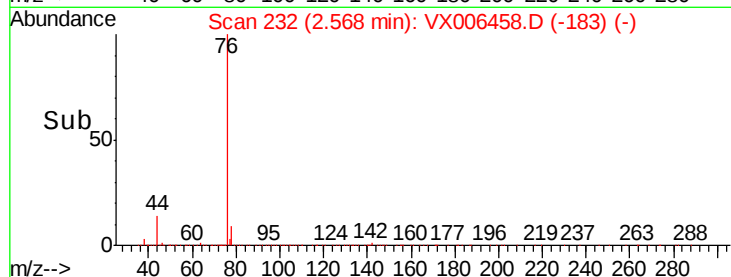
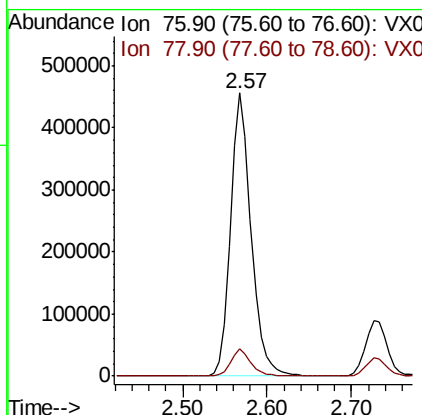
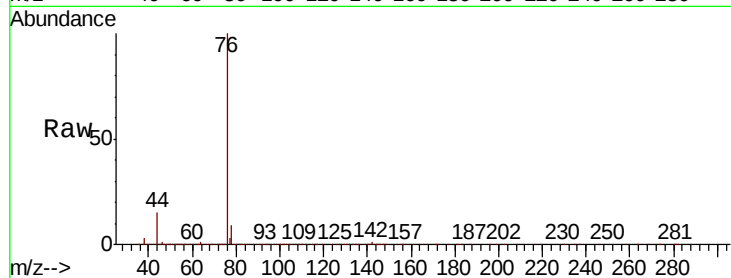
#17
Carbon Disulfide
Concen: 48.799 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

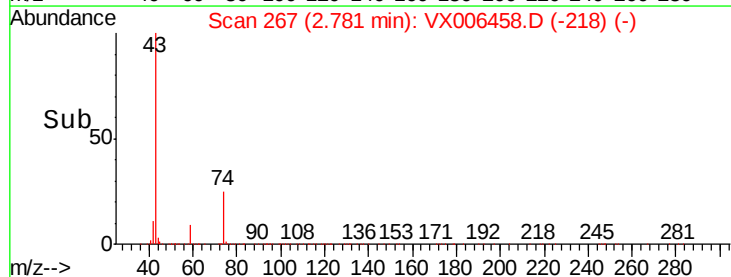
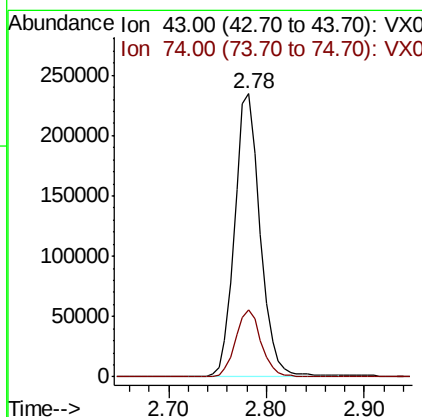
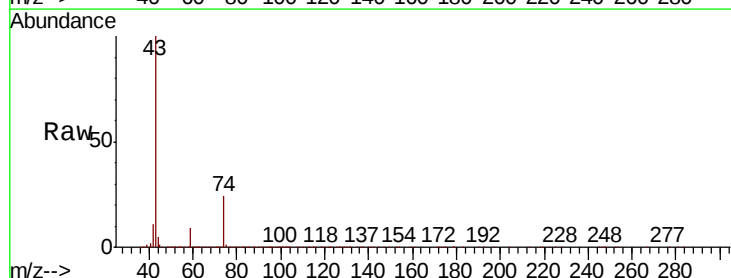
Manual Integrations
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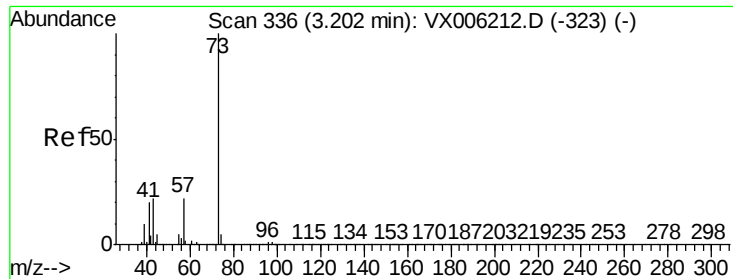
MMDadoda
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#18
Methyl Acetate
Concen: 47.517 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.9	26.9





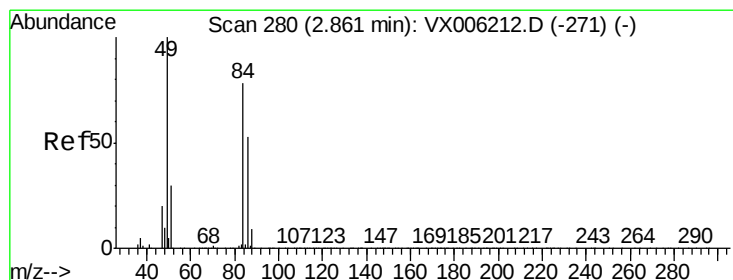
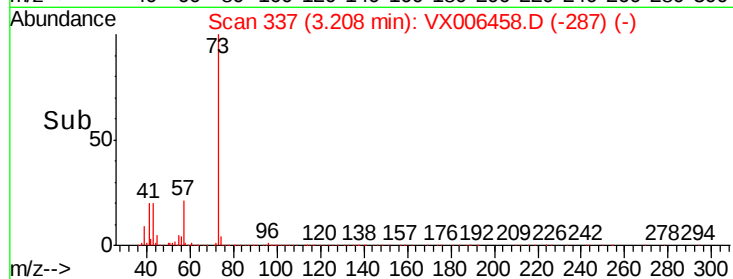
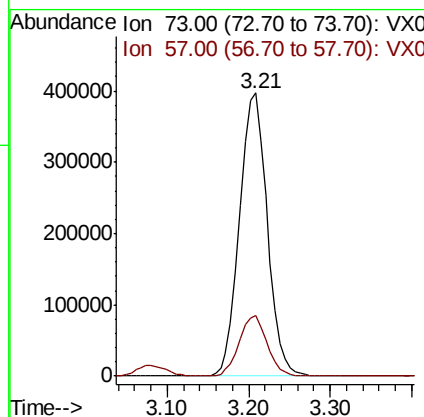
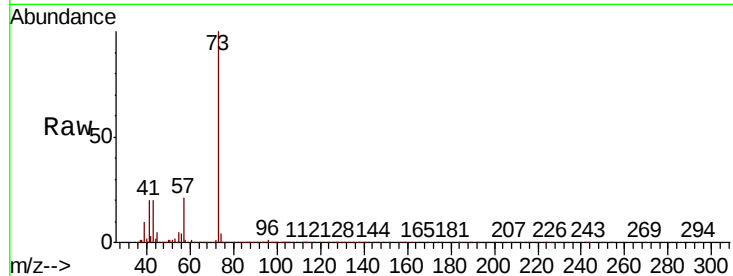
#19
Methvl tert-butvl Ether
Concen: 52.076 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.5	26.3

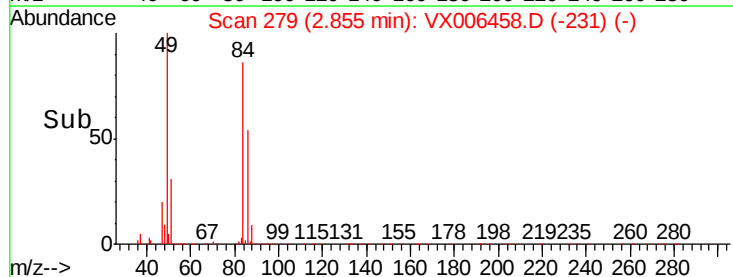
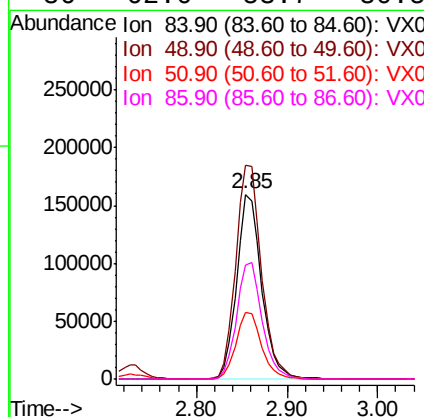
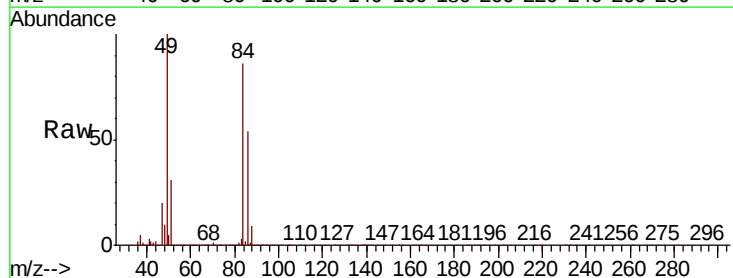
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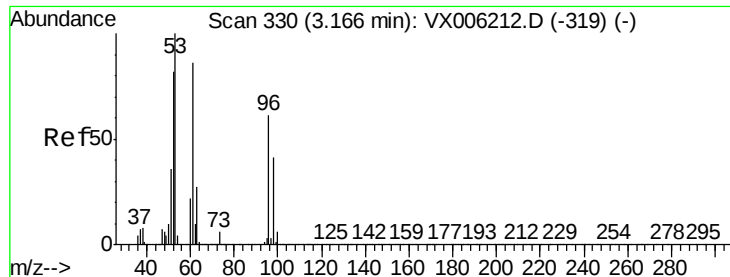
MMDadoda
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#20
Methylene Chloride
Concen: 53.457 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.8	102.2	153.4
51	35.8	31.1	46.7
86	62.0	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 54.151 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

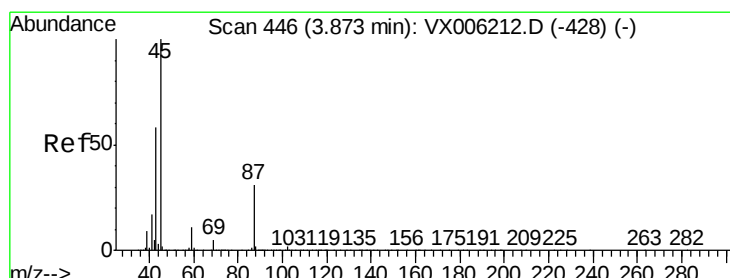
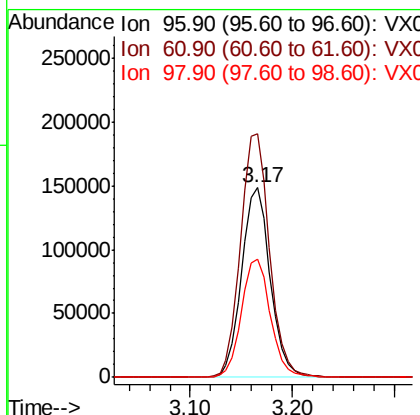
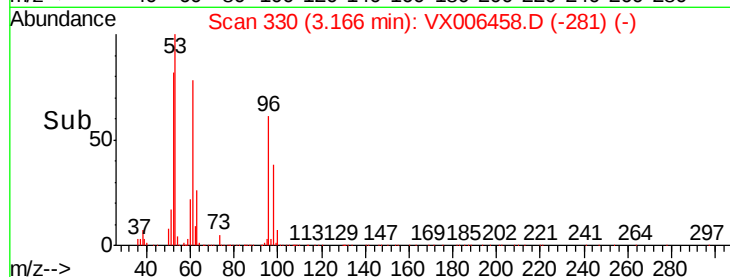
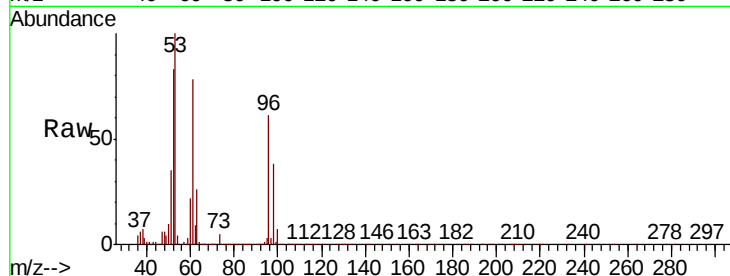
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	96	Resp:	290333
Ion Ratio	Lower	Upper	
96	100		
61	128.1	113.3	169.9
98	61.8	53.2	79.8

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#22

Diisopropyl ether

Concen: 53.452 ug/l

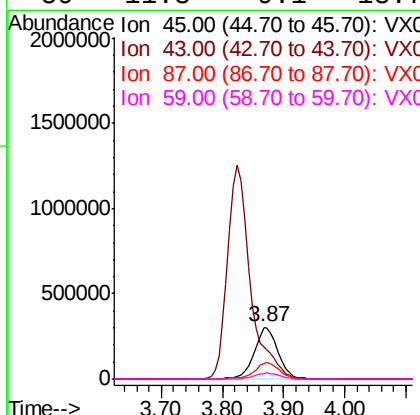
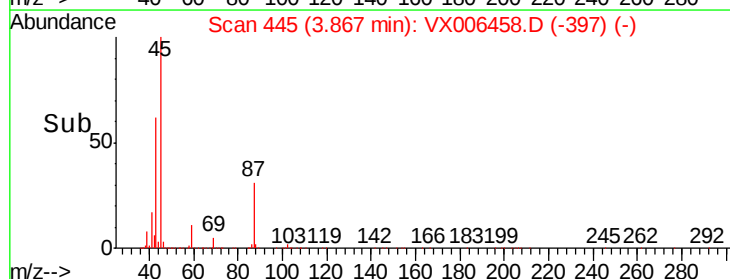
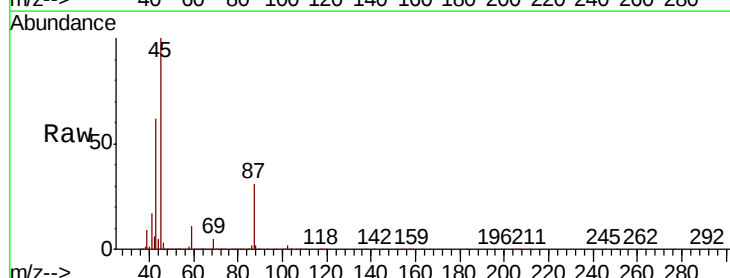
RT: 3.87 min Scan# 445

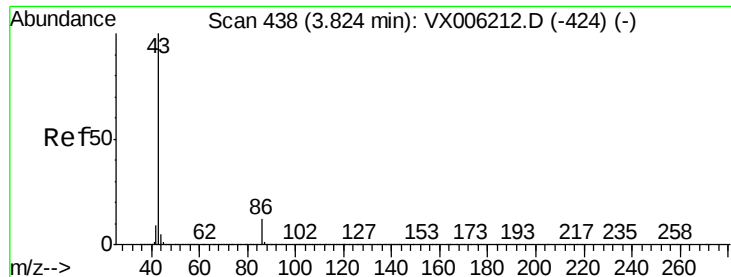
Delta R.T. -0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	45	Resp:	829766
Ion Ratio	Lower	Upper	
45	100		
43	62.4	46.2	69.2
87	30.6	24.9	37.3
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 244.220 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 43 Resp: 3233525

Ion Ratio Lower Upper

43 100

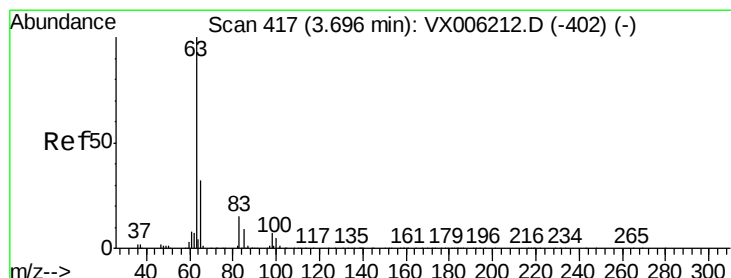
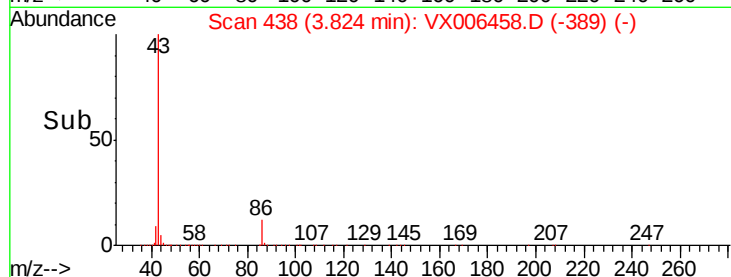
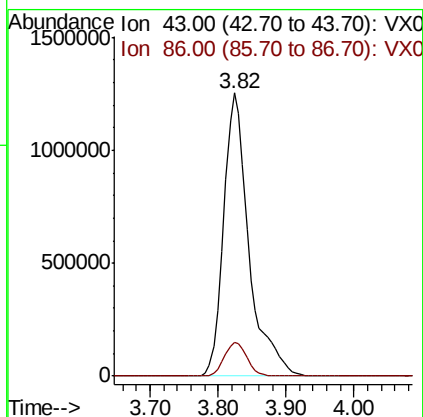
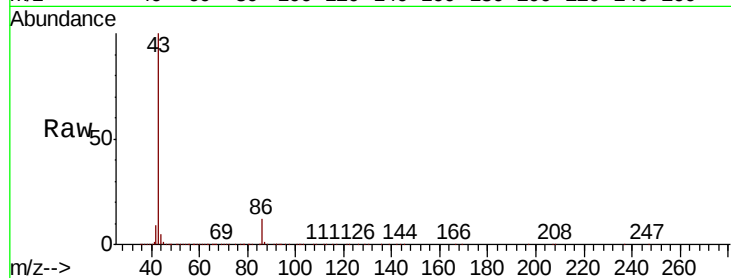
86 12.1 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 54.212 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

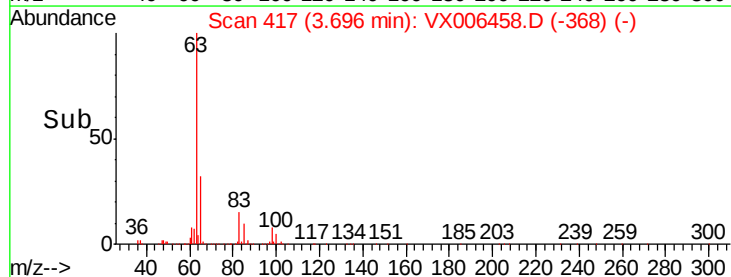
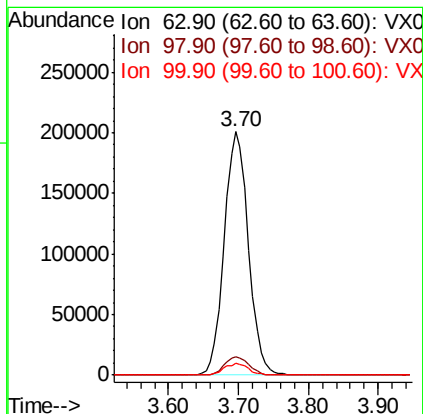
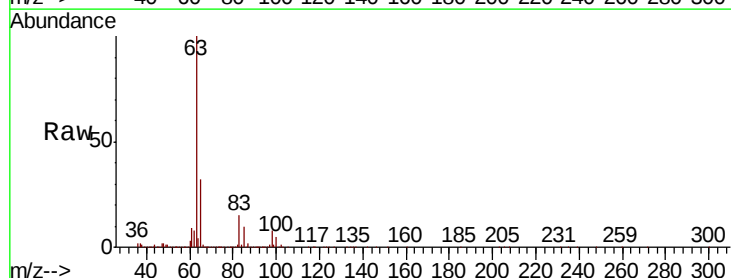
Tgt Ion: 63 Resp: 481011

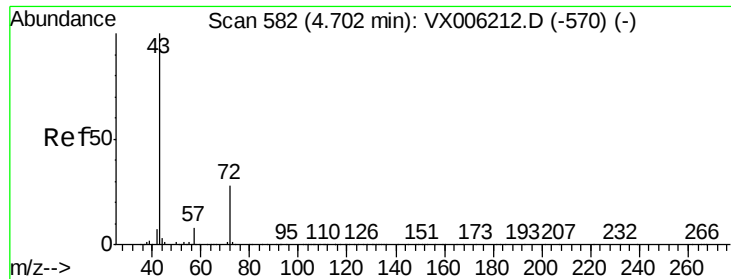
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 262.213 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 43 Resp: 996597

Ion Ratio Lower Upper

43 100

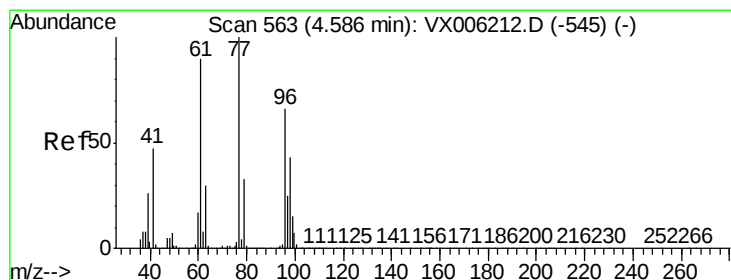
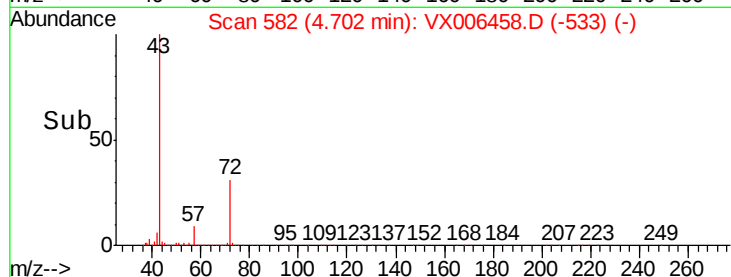
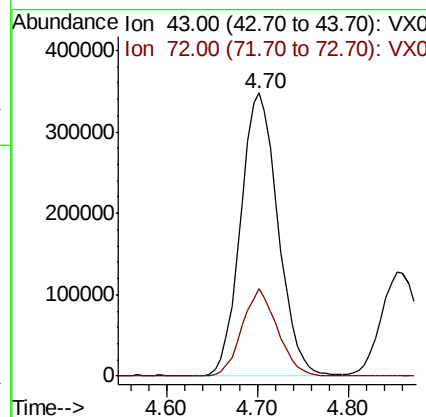
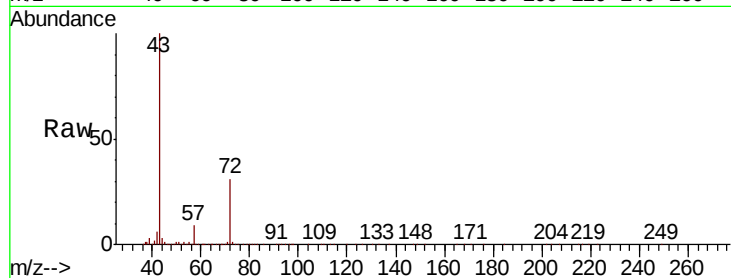
72 31.0 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.457 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006458.D

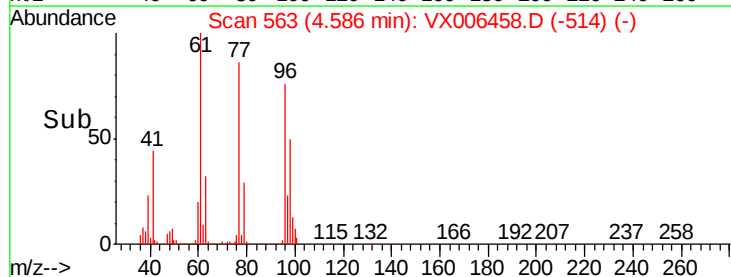
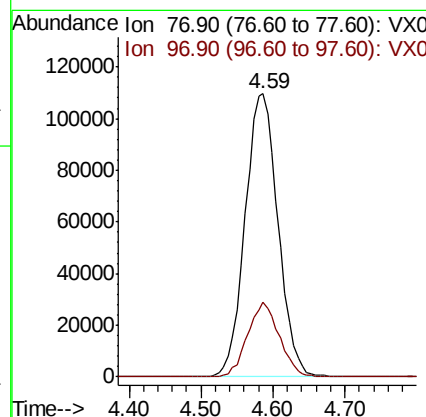
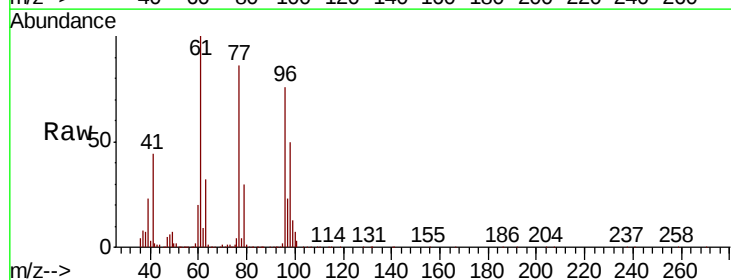
Acq: 12 Dec 2018 21:06

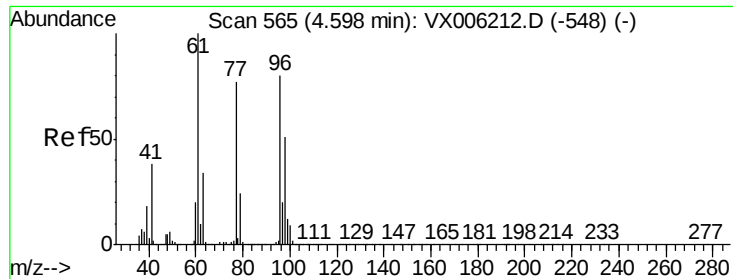
Tgt Ion: 77 Resp: 347669

Ion Ratio Lower Upper

77 100

97 25.5 12.3 36.8





#27

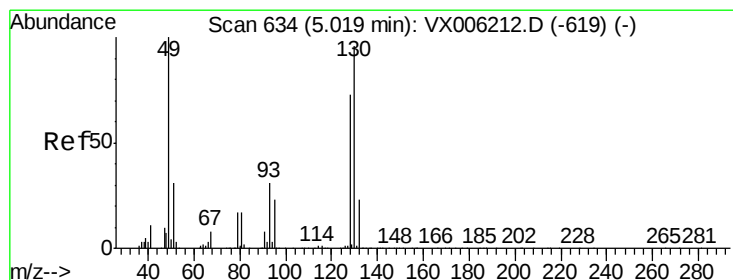
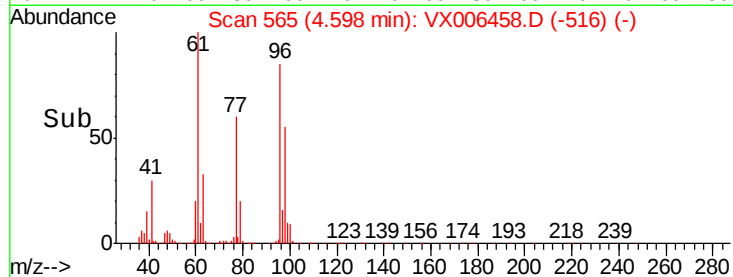
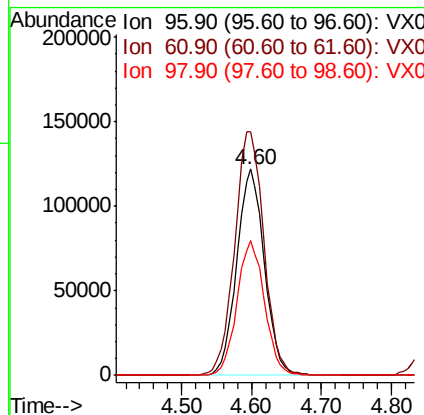
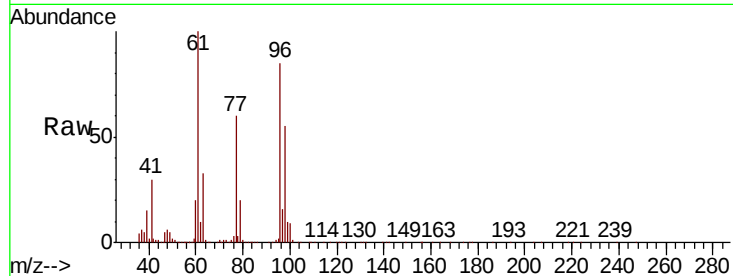
cis-1,2-Dichloroethene
Concen: 55.950 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	125.1	0.0	265.0	
98	65.1	0.0	130.2	

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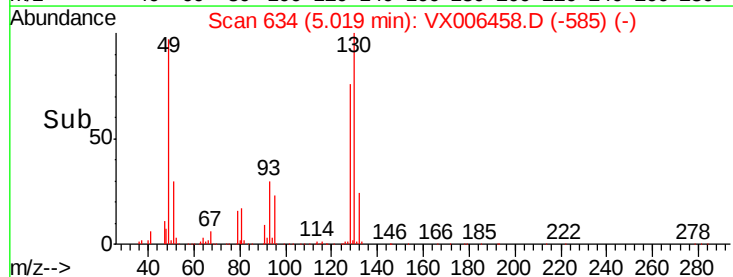
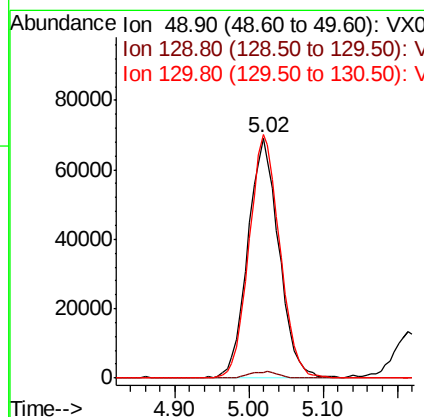
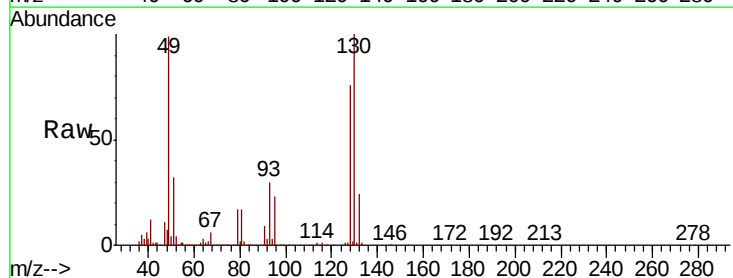
MMDadoda
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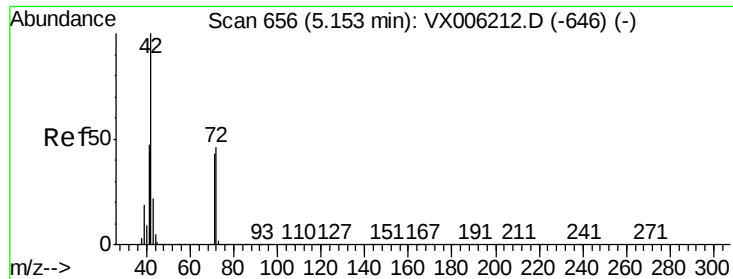


#28

Bromochloromethane
Concen: 52.321 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.0	
130	100.1	78.3	117.5	





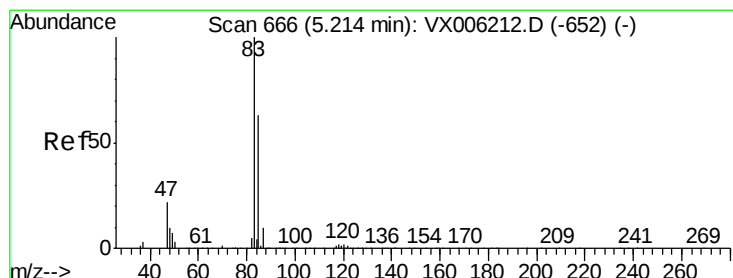
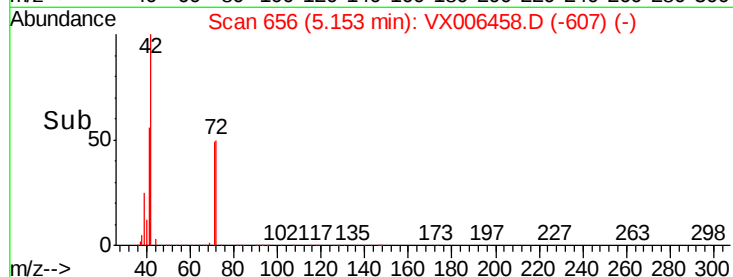
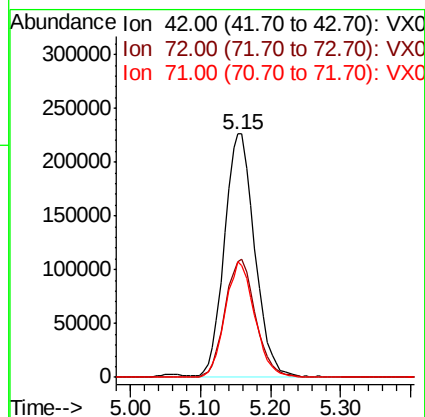
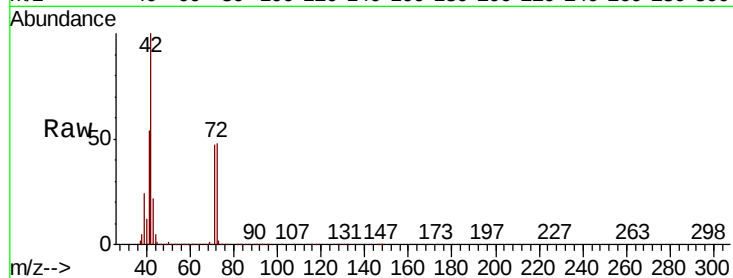
#29
Tetrahydrofuran
Concen: 257.234 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.8	56.8
71	46.2	35.2	52.8

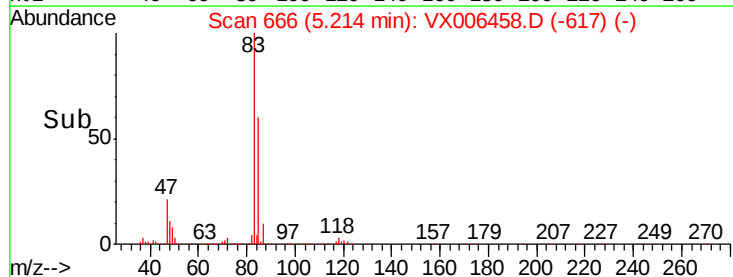
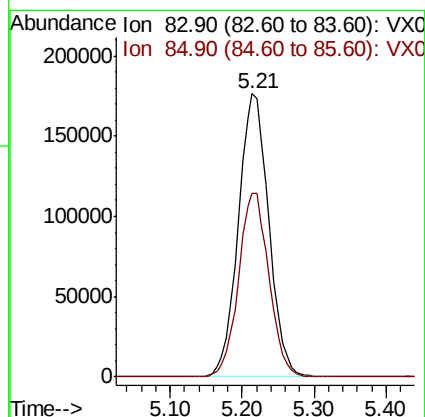
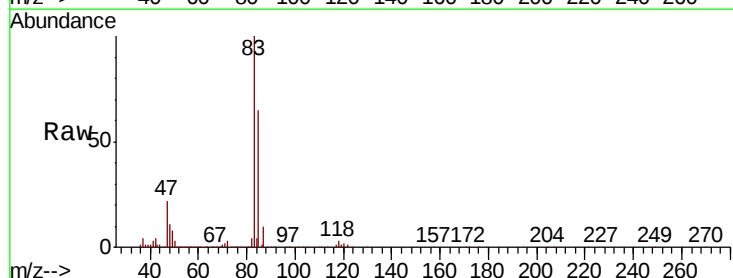
Manual Integrations
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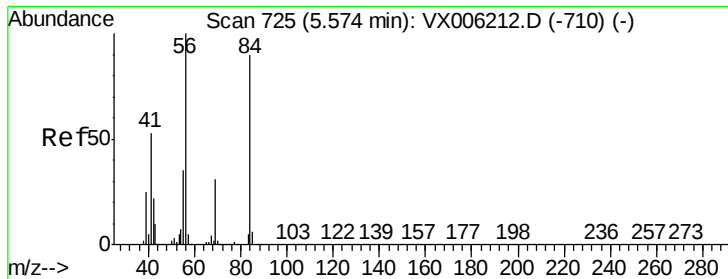
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#30
Chloroform
Concen: 55.382 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5





#31

Cyclohexane

Concen: 54.121 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

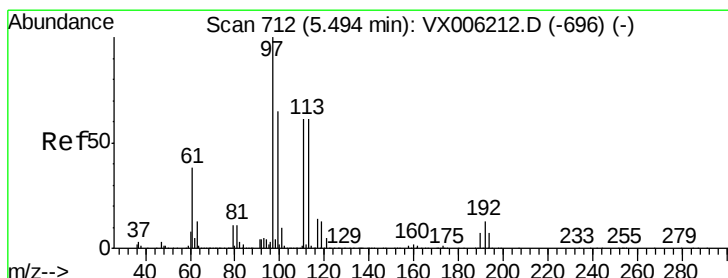
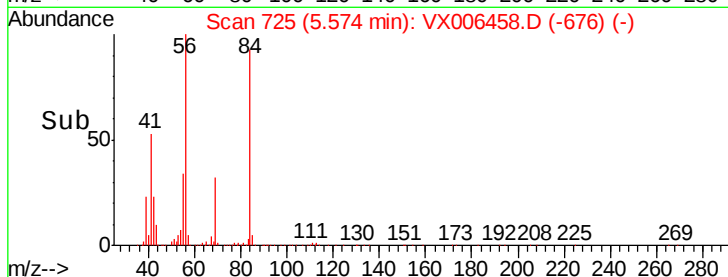
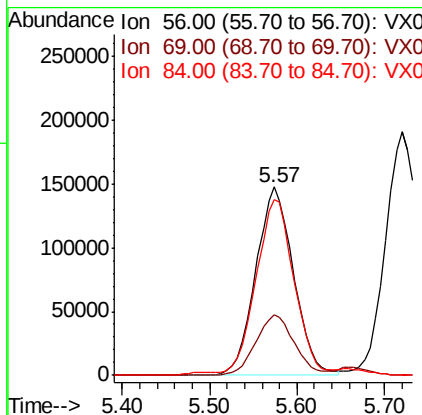
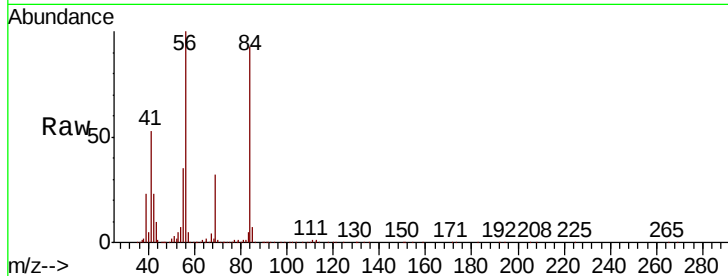
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	56	Resp:	443788
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.5	36.7
84	92.3	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.143 ug/l

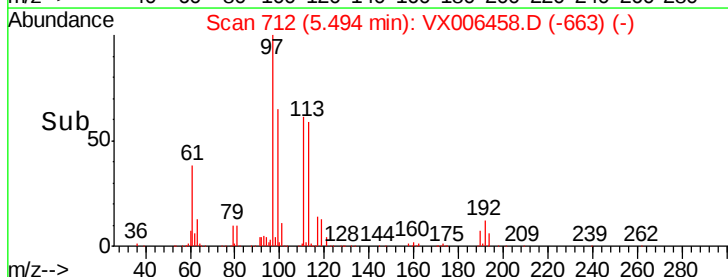
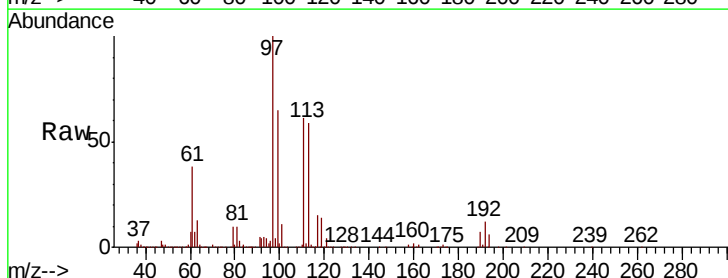
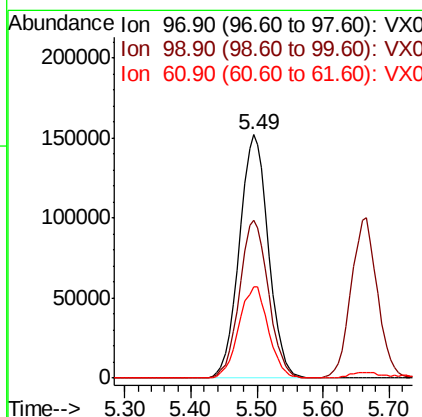
RT: 5.49 min Scan# 712

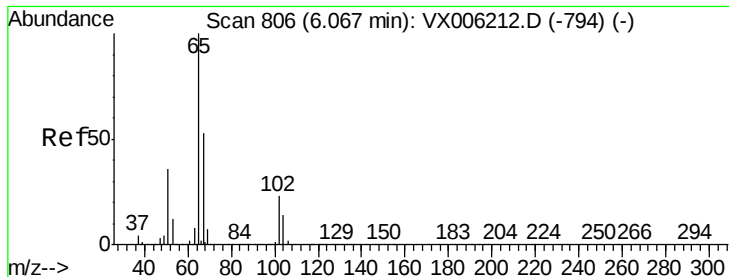
Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	97	Resp:	462593
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	38.3	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 52.324 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 65 Resp: 296988

Ion Ratio Lower Upper

65 100

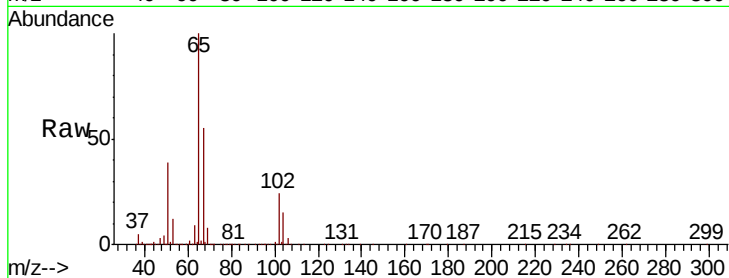
67 52.6 0.0 107.2

Manual Integrations

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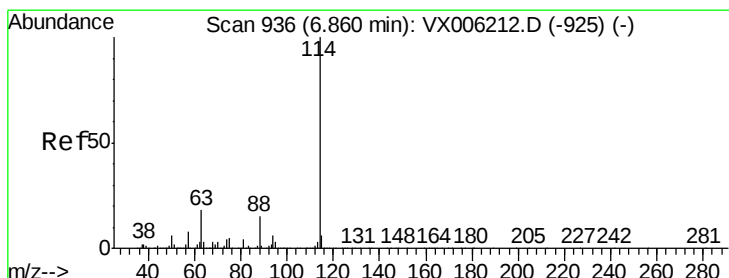
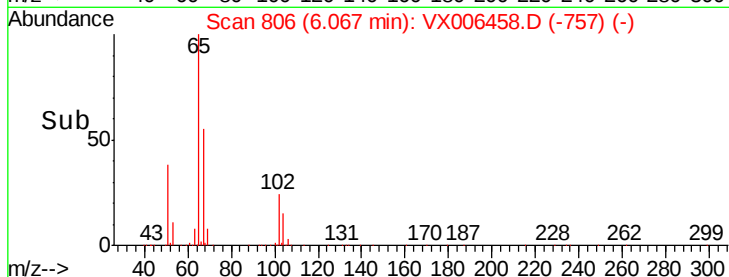
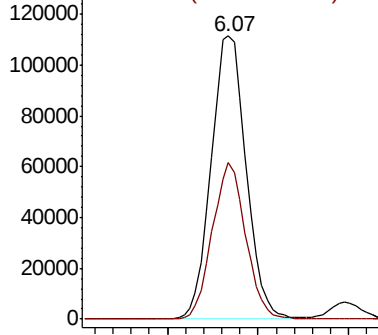
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

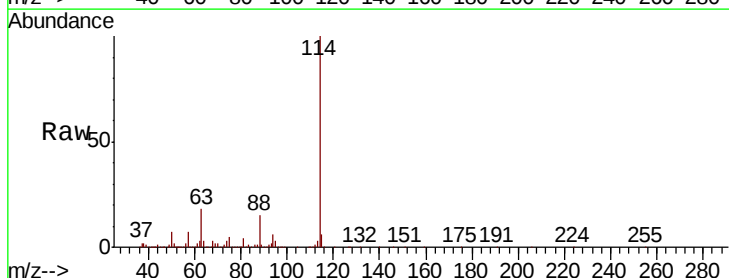
Tgt Ion: 114 Resp: 850221

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

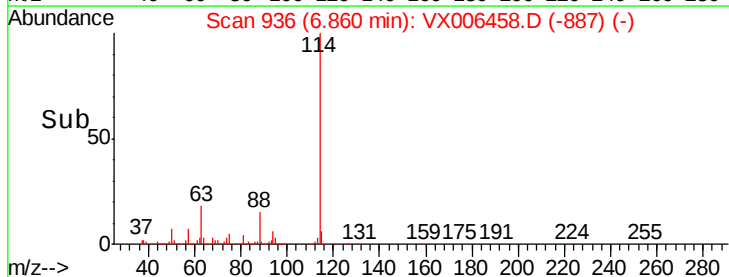
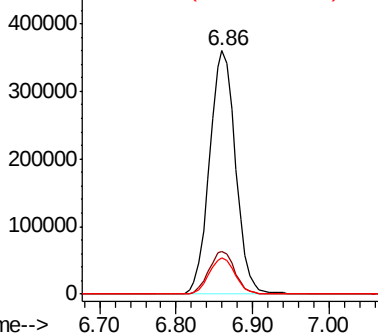
88 15.1 0.0 29.0

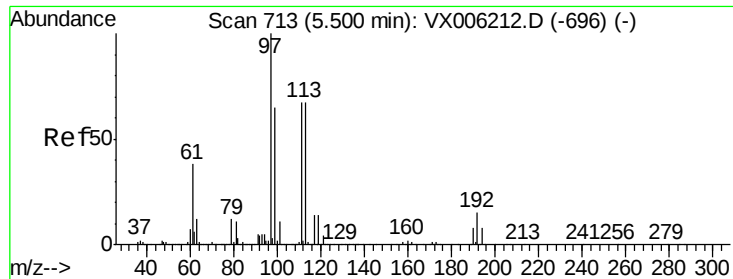


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.584 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

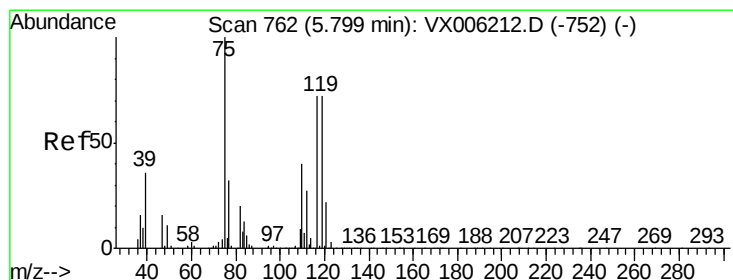
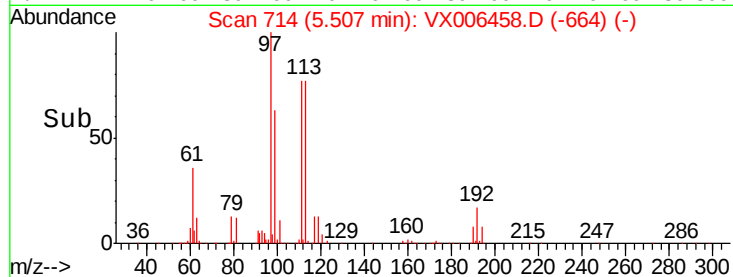
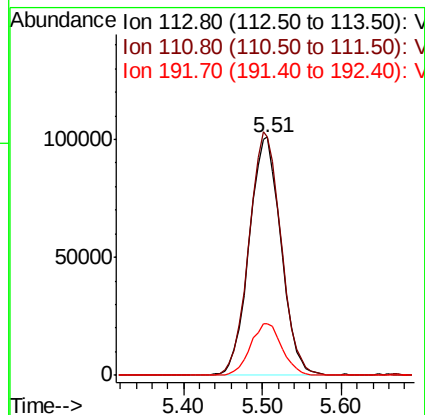
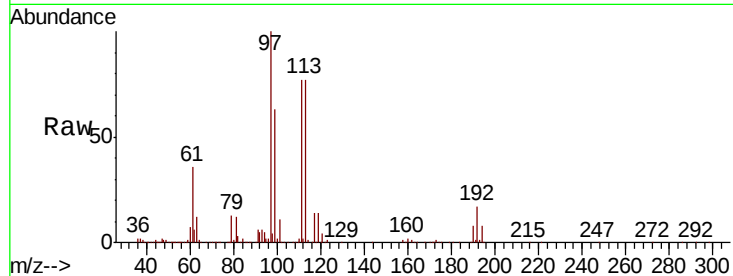
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	113	Resp:	283960
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.1	121.7
192	21.8	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 53.210 ug/l

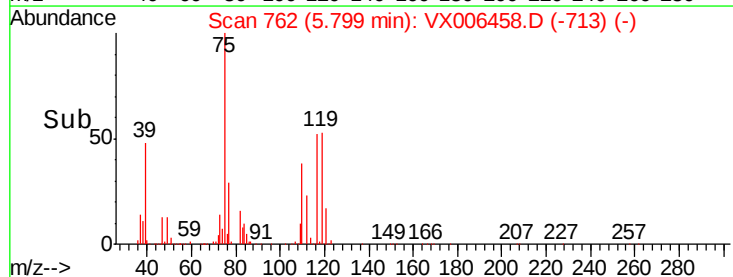
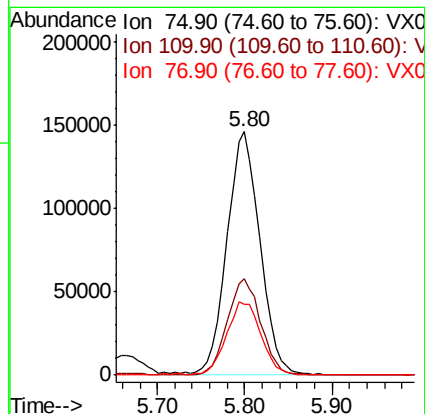
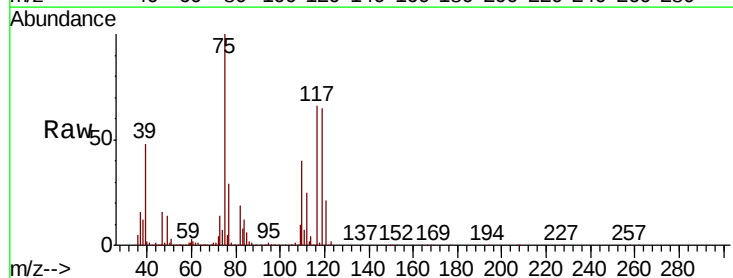
RT: 5.80 min Scan# 762

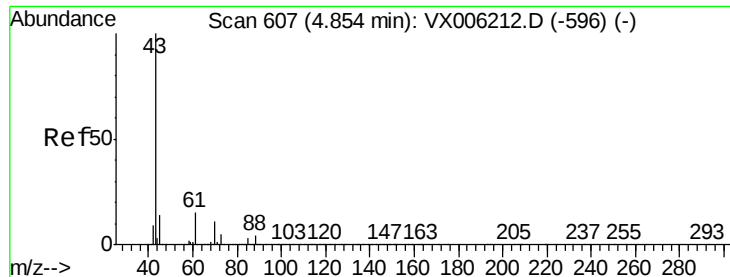
Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	75	Resp:	380969
Ion Ratio	Lower	Upper	
75	100		
110	40.3	20.4	61.3
77	31.2	24.9	37.3





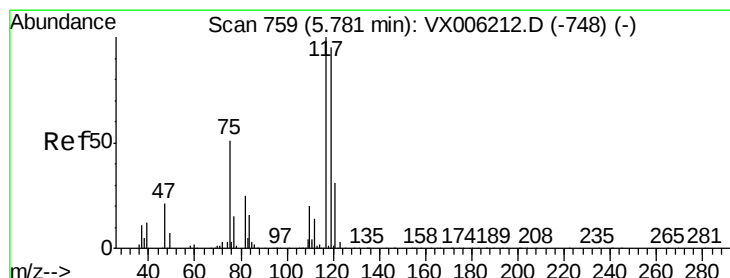
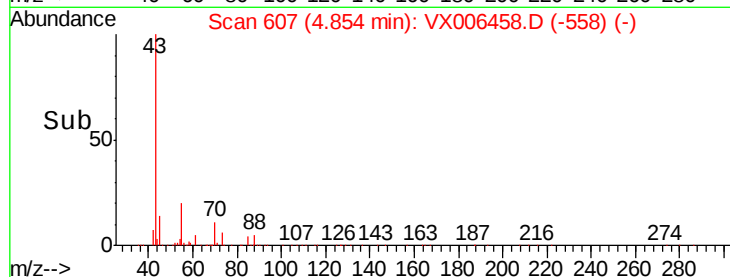
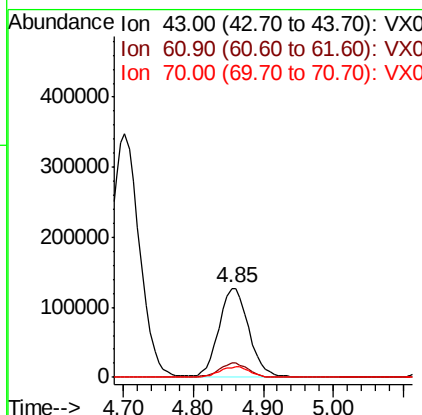
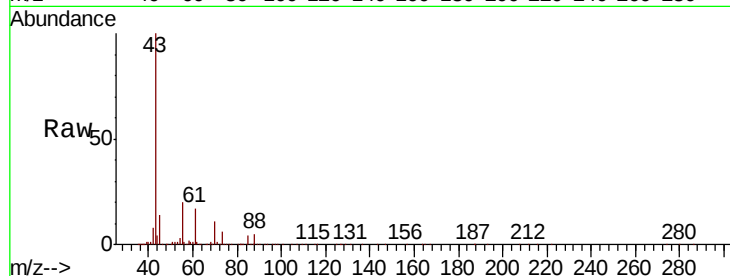
#37
Ethyl Acetate
Concen: 47.173 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.5	17.3
70	12.1	9.0	13.6

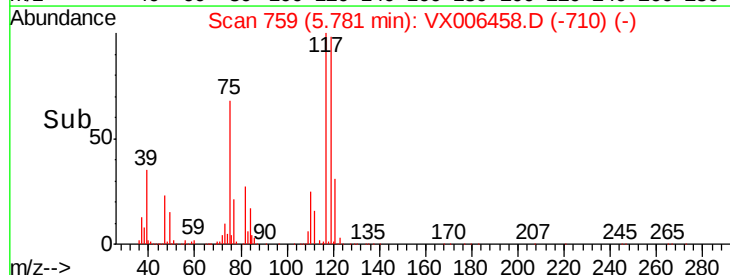
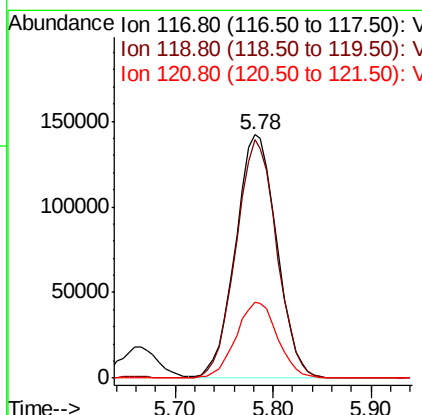
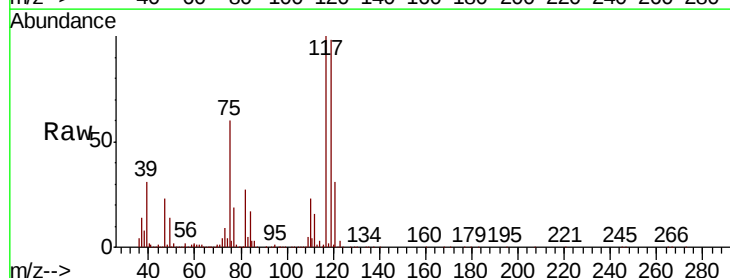
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 49.252 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.8	113.8
121	31.2	24.6	37.0





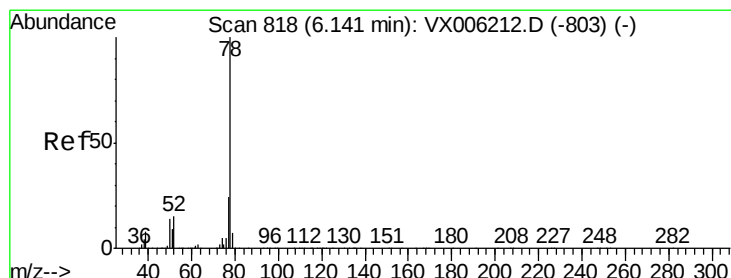
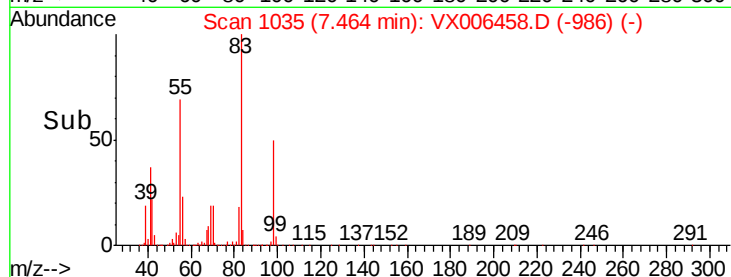
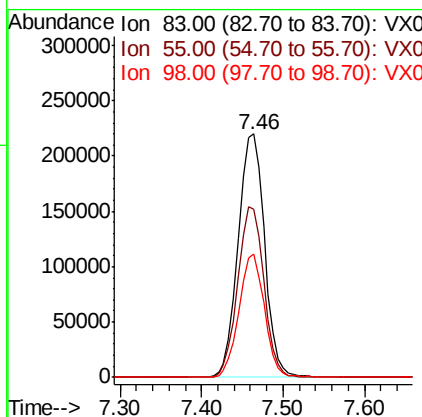
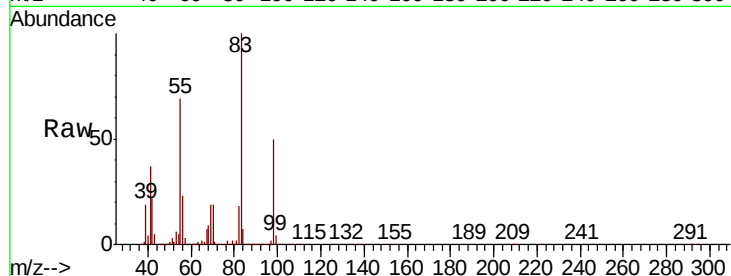
#39
Methvlcvclohexane
Concen: 53.070 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	56.4	84.6
98	50.4	39.0	58.6

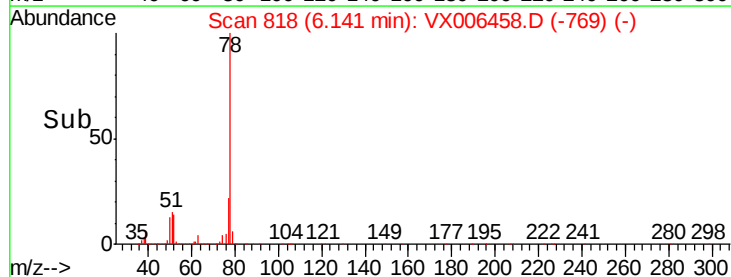
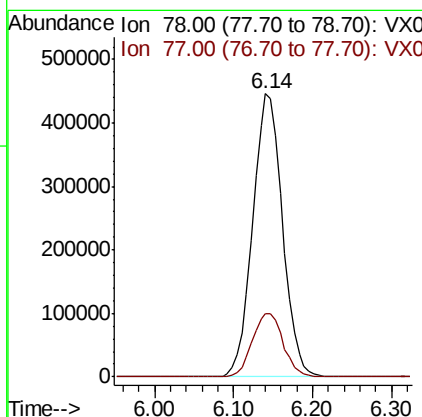
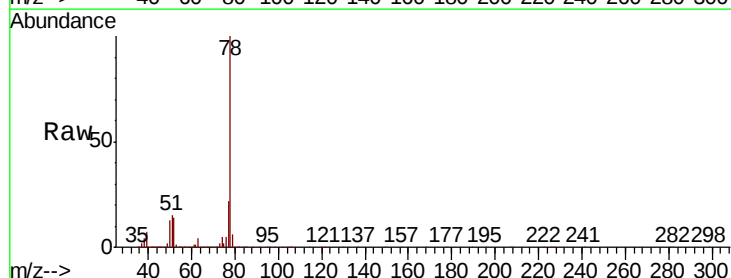
Manual Integrations
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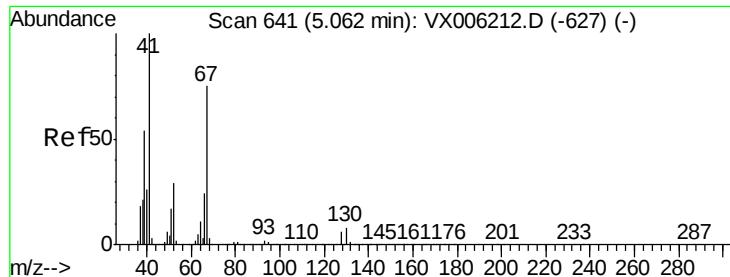
MMDadoda
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#40
Benzene
Concen: 54.564 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.2	28.8





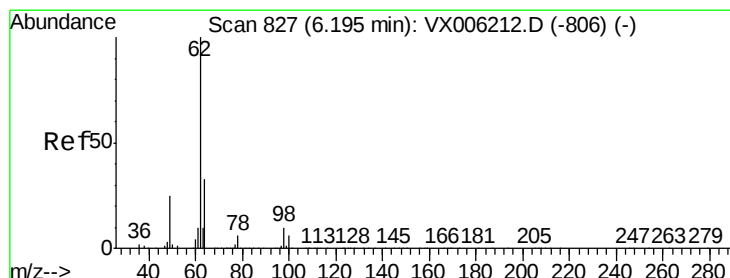
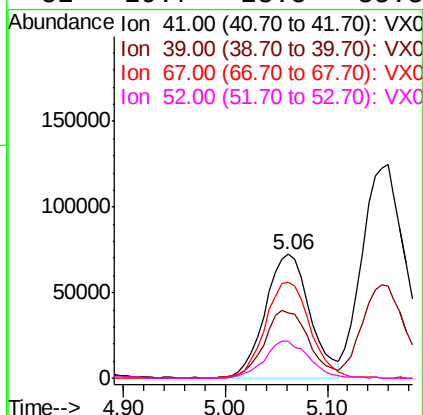
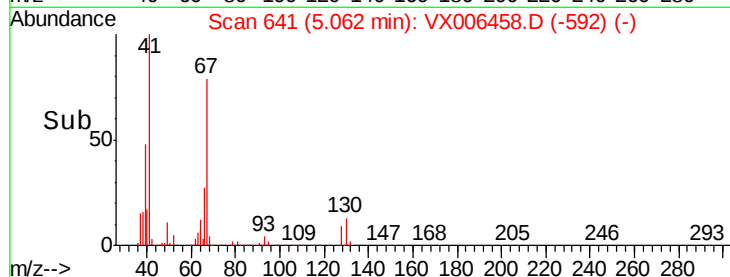
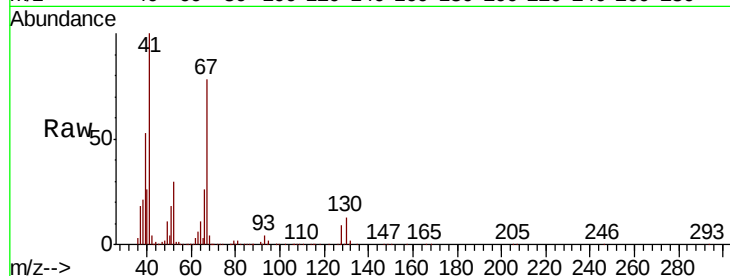
#41
Methacrylonitrile
Concen: 49.749 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	44.0	66.0	
67	78.6	61.4	92.0	
52	29.7	23.5	35.3	

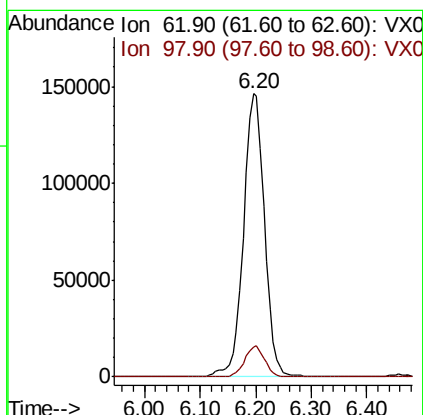
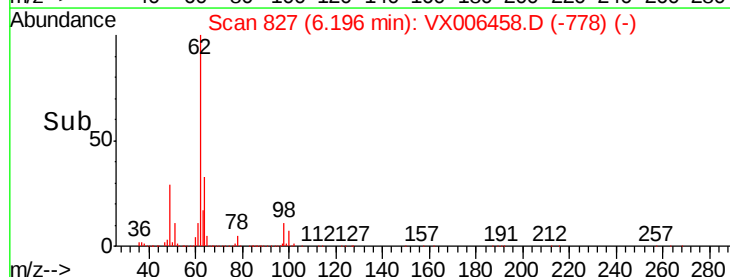
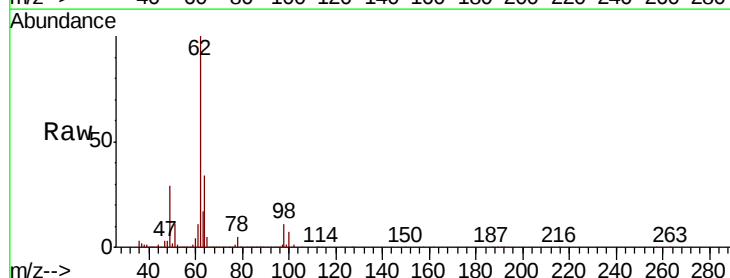
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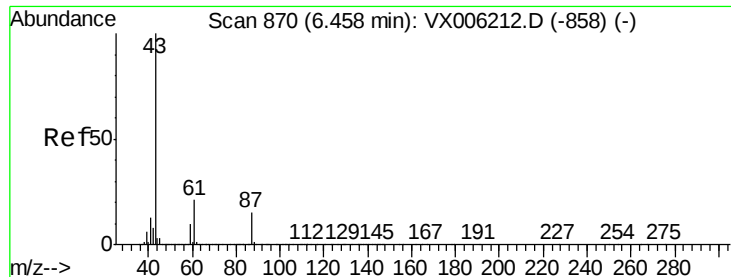
MMDadoda
12/13/2018 11:05:16 AM



#42
1,2-Dichloroethane
Concen: 54.303 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.2	





#43

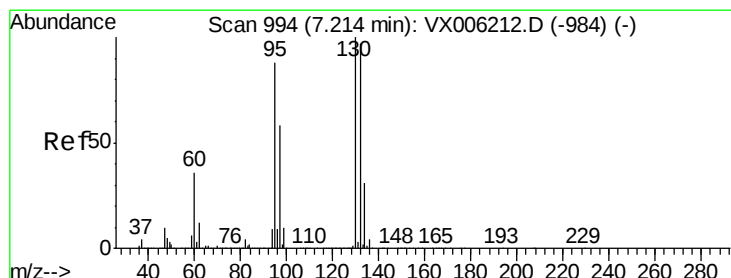
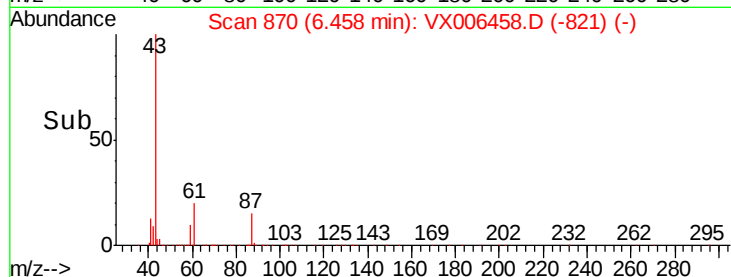
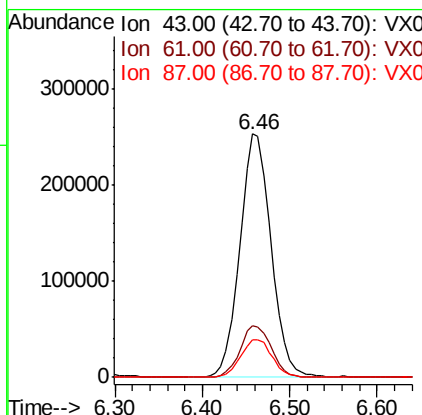
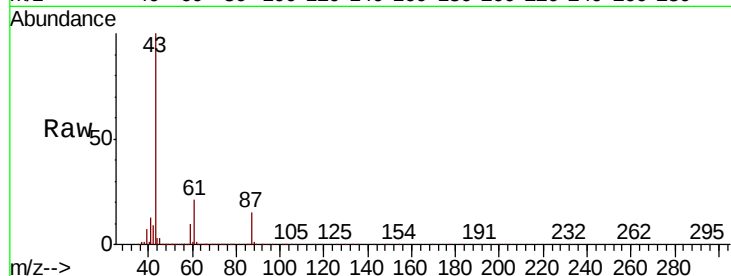
Isopropyl Acetate
 Concen: 46.706 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	15.9	11.9	17.9

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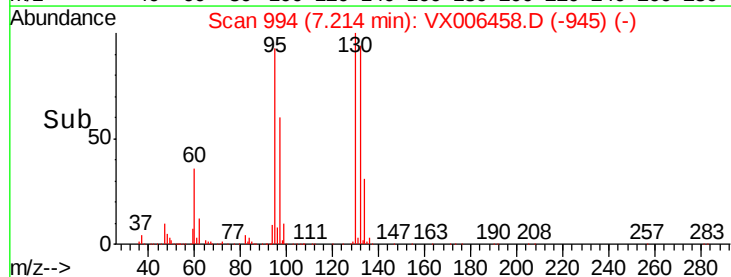
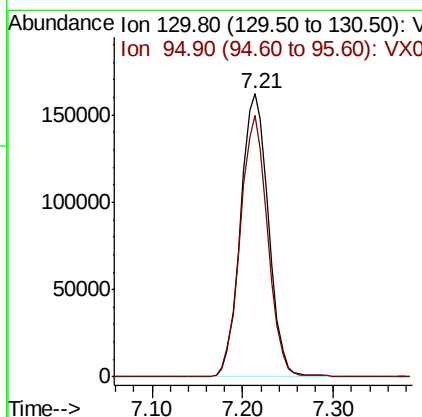
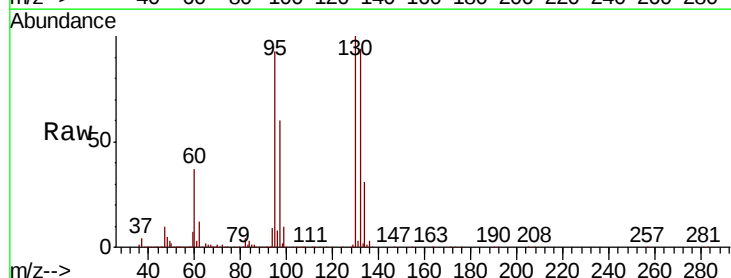
MMDadoda
 12/13/2018 11:05:16 AM



#44

Trichloroethene
 Concen: 53.123 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 53.058 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 63 Resp: 289168

Ion Ratio Lower Upper

63 100

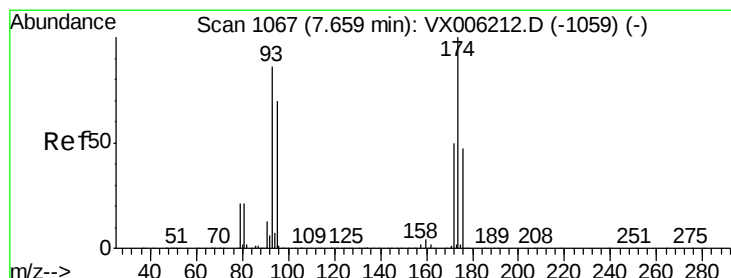
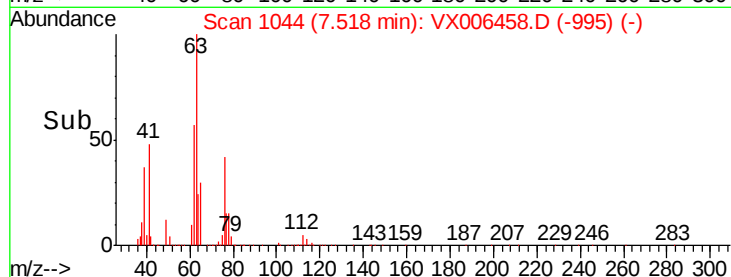
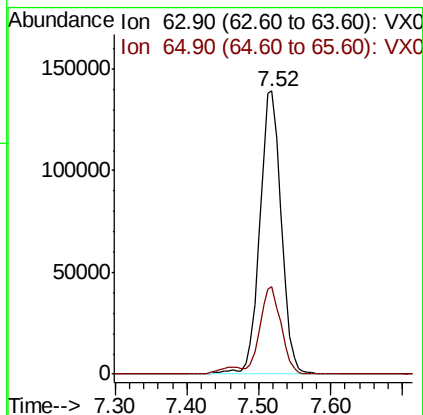
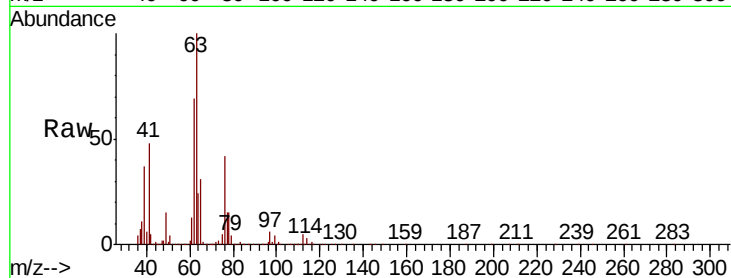
65 30.8 24.3 36.5

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#46

Dibromomethane

Concen: 53.246 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

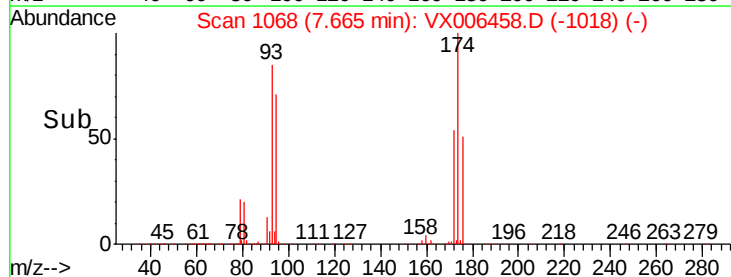
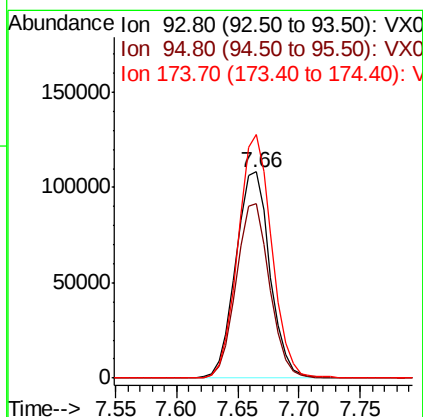
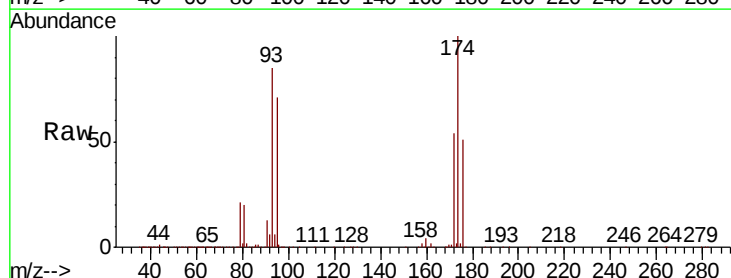
Tgt Ion: 93 Resp: 209582

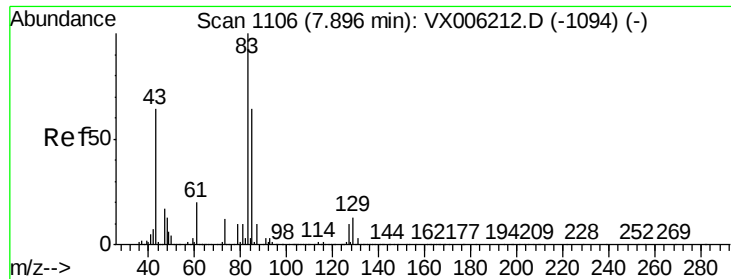
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 116.6 97.2 145.8





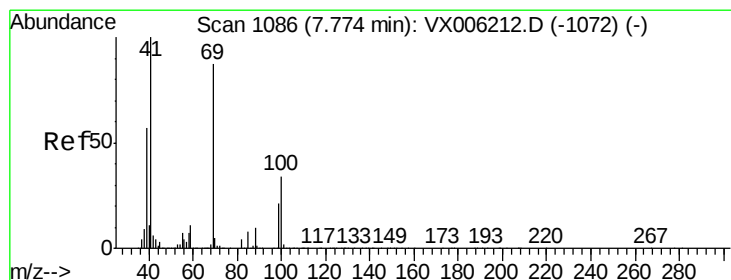
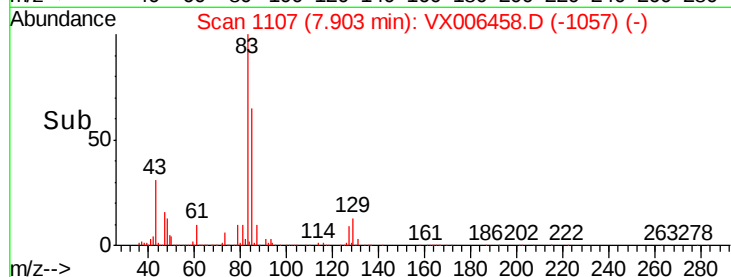
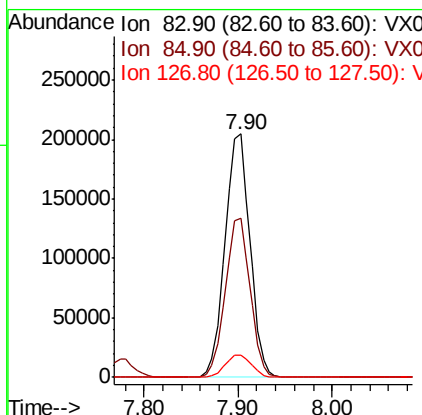
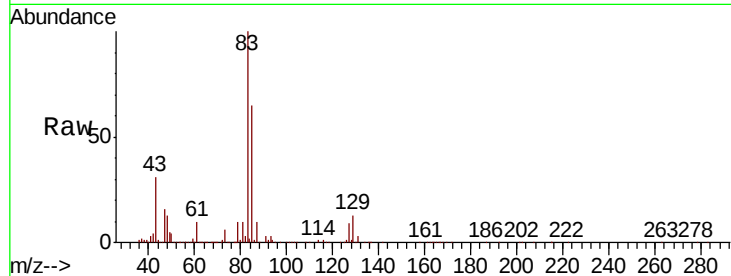
#47
Bromodichloromethane
Concen: 49.483 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	377184		
85	65.4		51.4	77.0
127	9.3		7.9	11.9

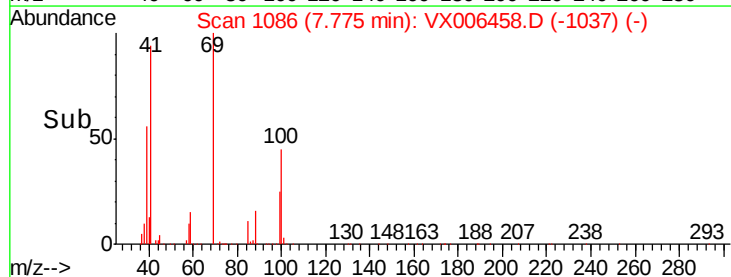
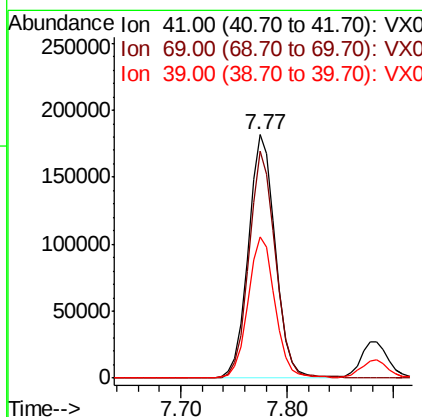
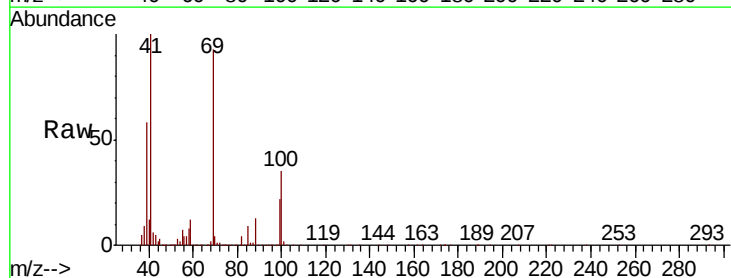
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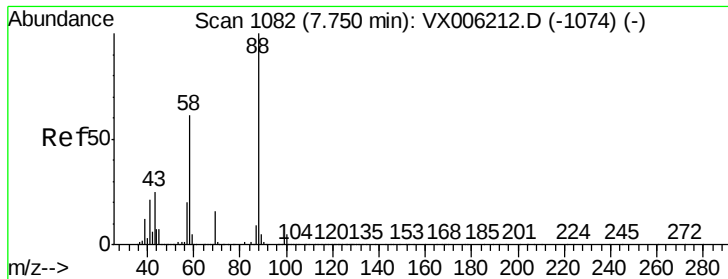
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#48
Methyl methacrylate
Concen: 49.710 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	323291		
69	91.9		70.3	105.5
39	57.8		45.3	67.9





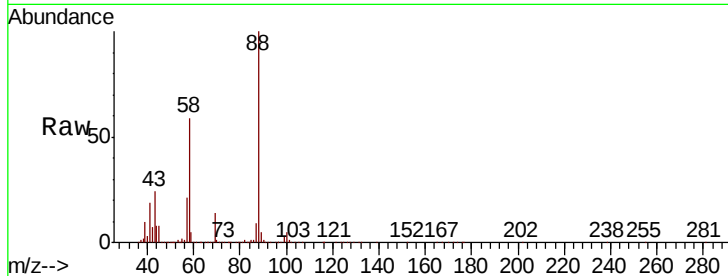
#49
1,4-Dioxane
Concen: 1010.067 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

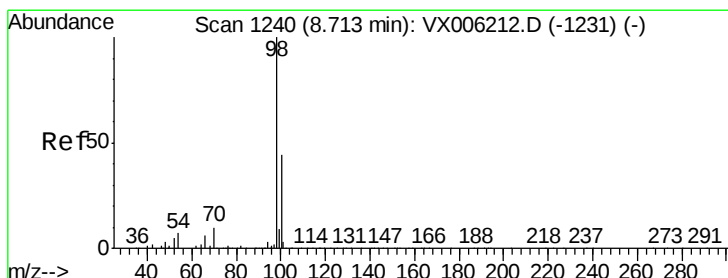
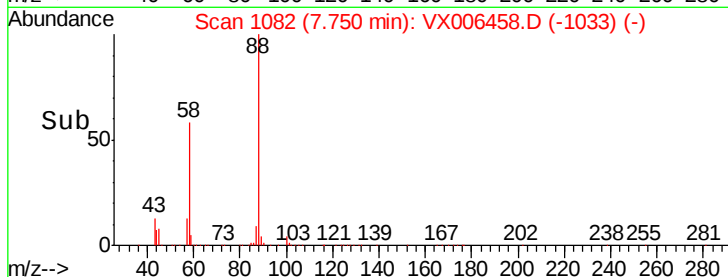
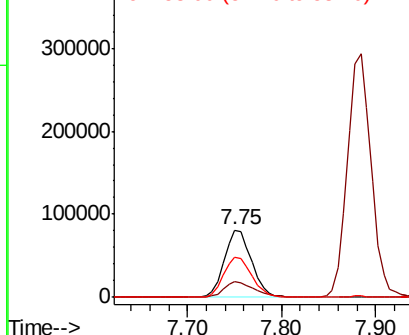
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.9	23.2	34.8
58	61.4	51.4	77.0

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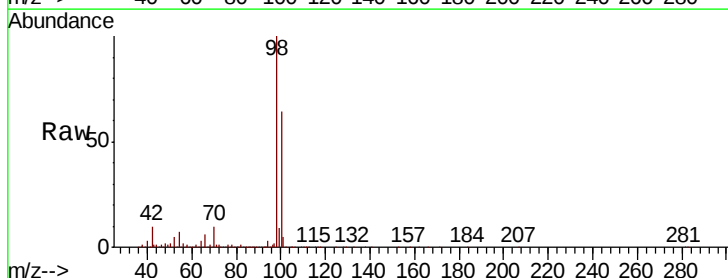


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

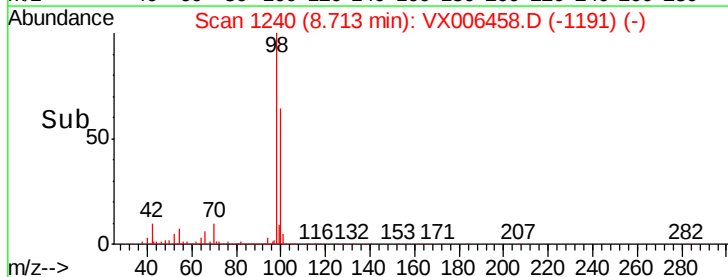
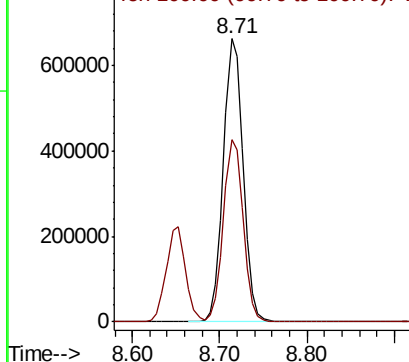


#50
Toluene-d8
Concen: 51.629 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 252.623 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 43 Resp: 1965978

Ion Ratio Lower Upper

43 100

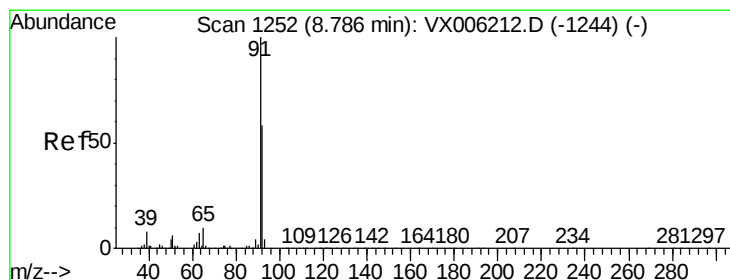
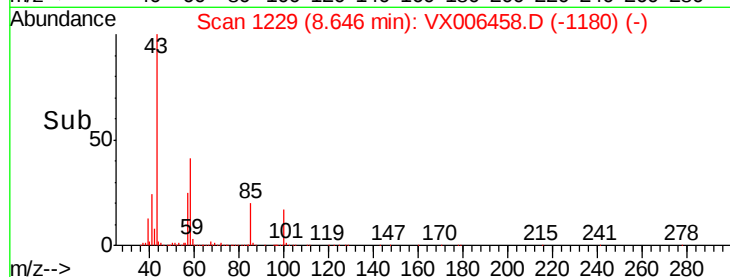
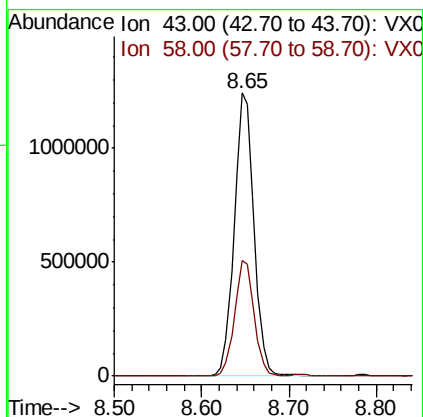
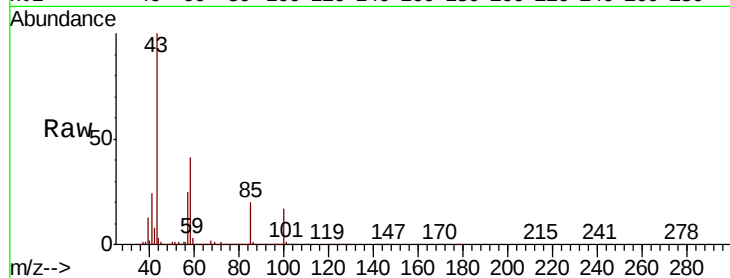
58 40.4 31.3 46.9

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#52

Toluene

Concen: 54.907 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006458.D

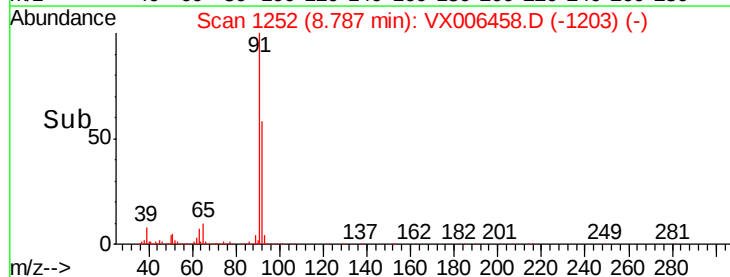
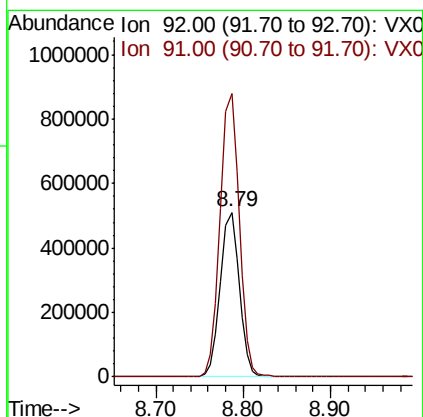
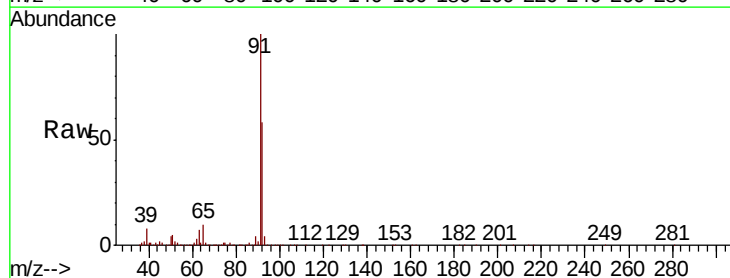
Acq: 12 Dec 2018 21:06

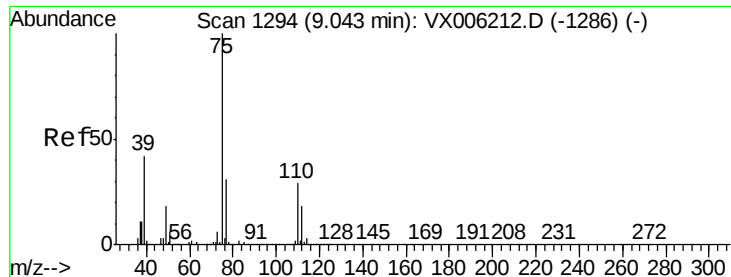
Tgt Ion: 92 Resp: 774629

Ion Ratio Lower Upper

92 100

91 172.9 139.2 208.8





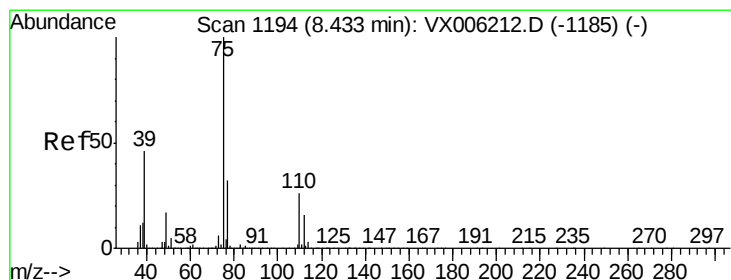
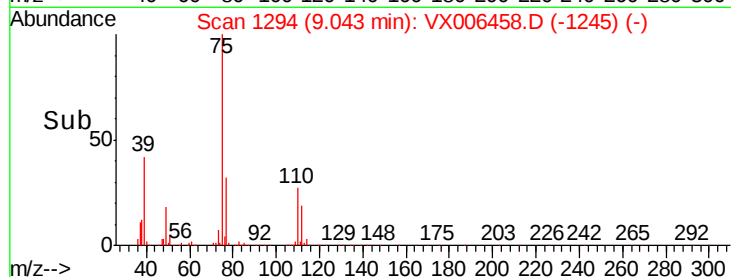
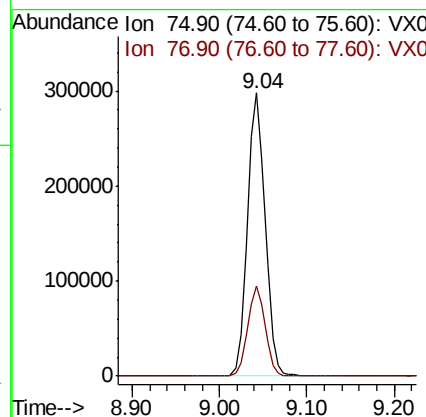
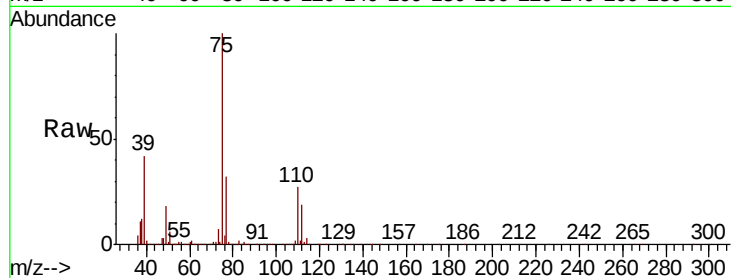
#53
t-1,3-Dichloropropene
Concen: 47.032 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.4

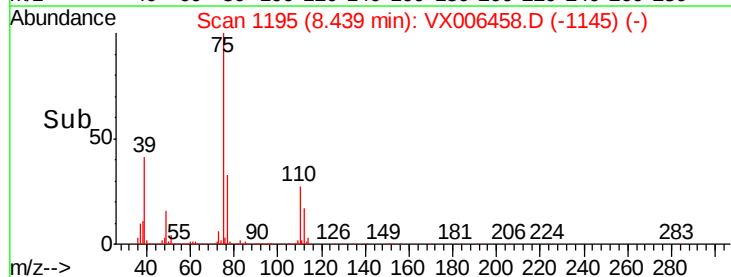
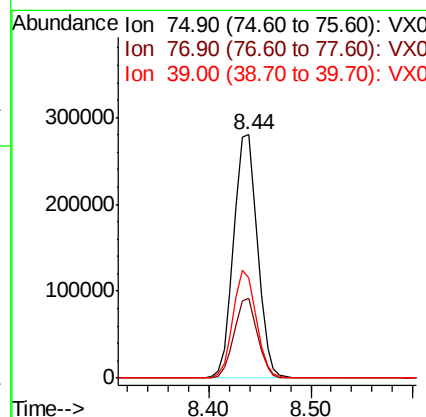
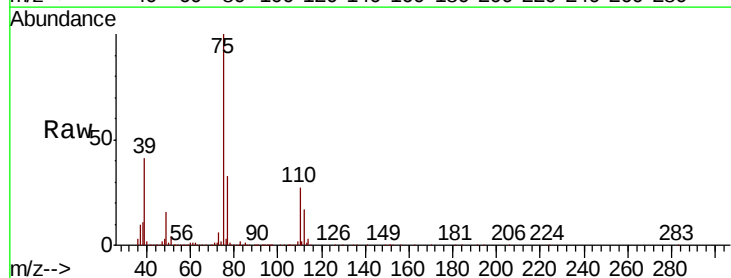
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#54
cis-1,3-Dichloropropene
Concen: 48.723 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.6	38.4
39	41.1	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 54.864 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

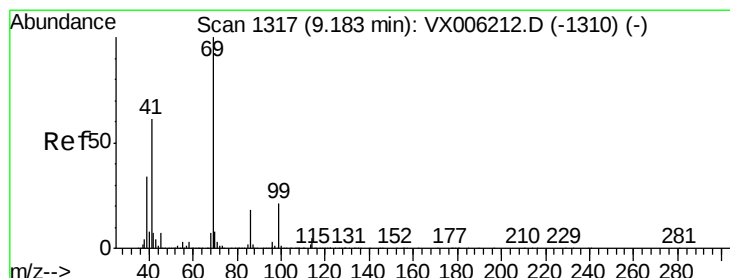
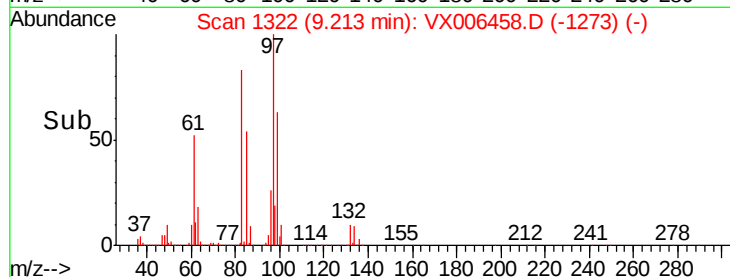
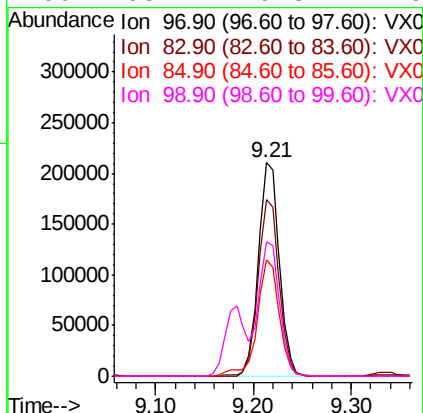
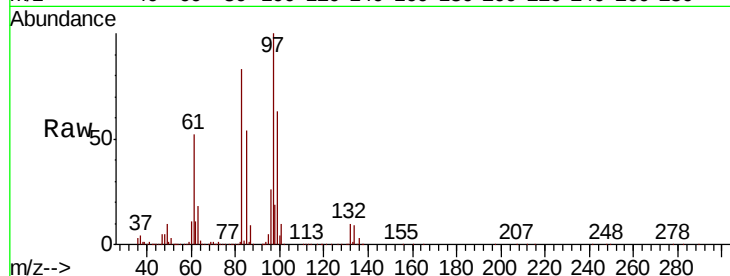
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	97	Resp:	314451
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.1	100.7
85	54.4	43.2	64.8
99	63.2	49.8	74.6

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#56

Ethyl methacrylate

Concen: 52.095 ug/l

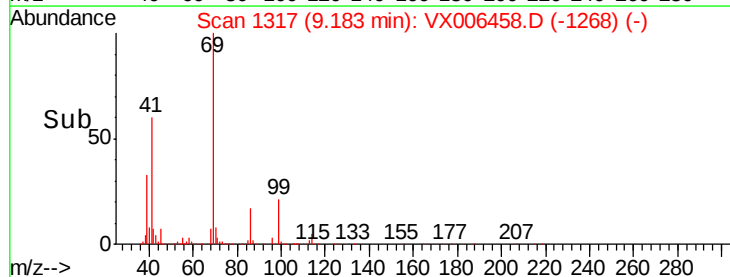
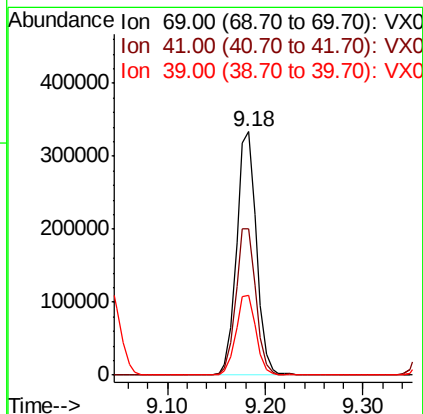
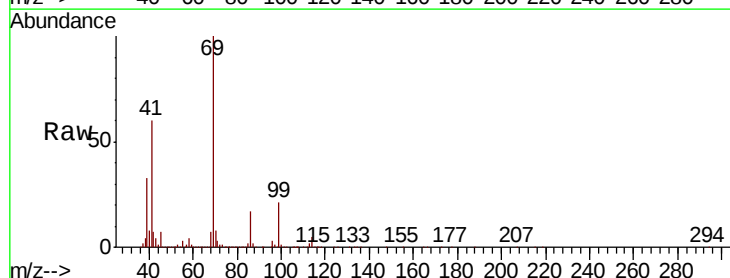
RT: 9.18 min Scan# 1317

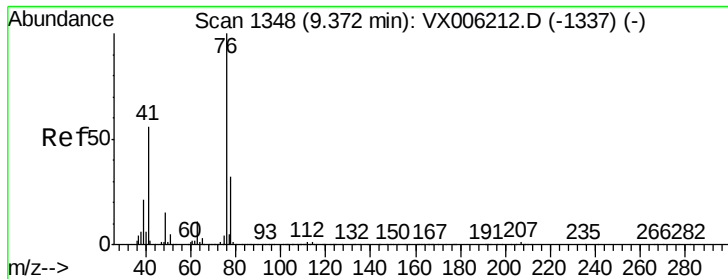
Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	69	Resp:	466773
Ion	Ratio	Lower	Upper
69	100		
41	60.5	50.6	76.0
39	33.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 54.101 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 76 Resp: 490320

Ion Ratio Lower Upper

76 100

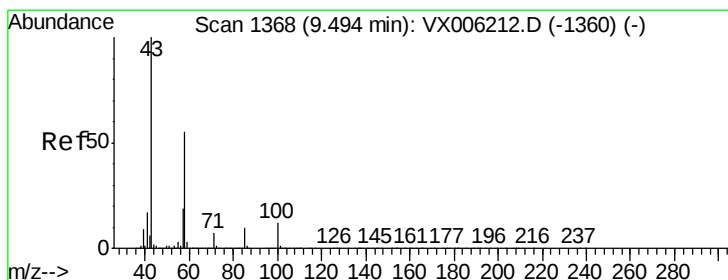
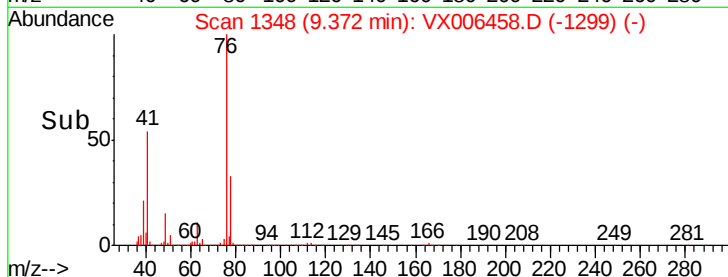
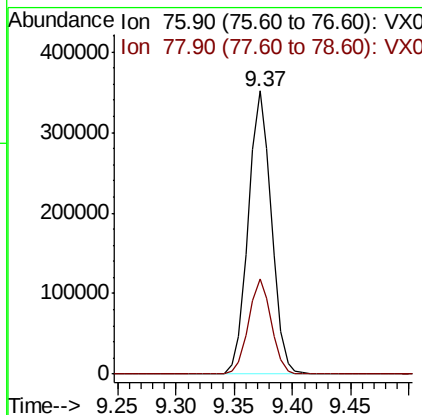
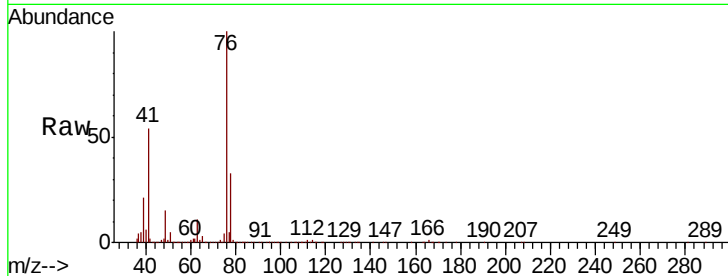
78 33.1 26.1 39.1

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#59

2-Hexanone

Concen: 246.859 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006458.D

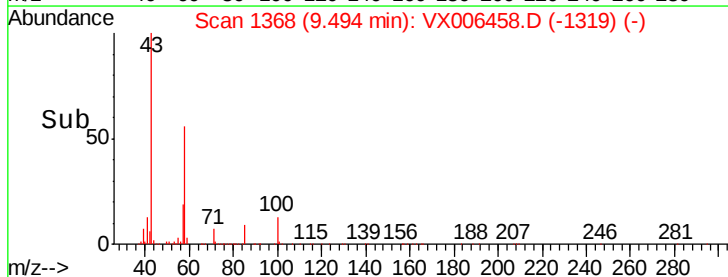
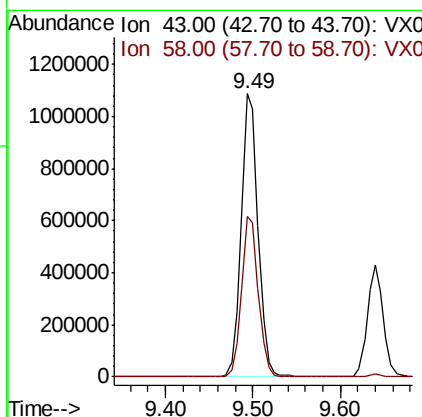
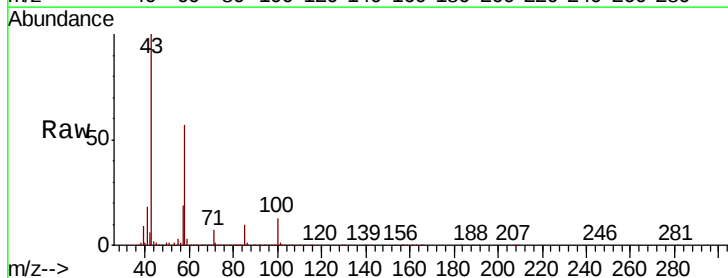
Acq: 12 Dec 2018 21:06

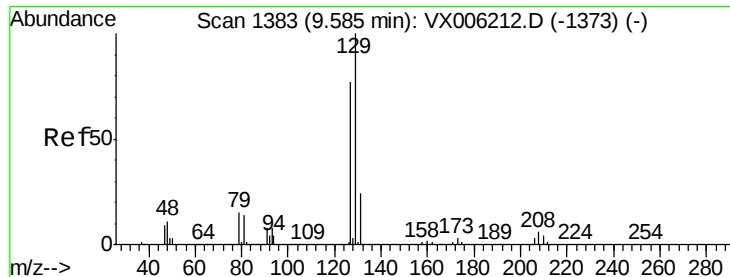
Tgt Ion: 43 Resp: 1467743

Ion Ratio Lower Upper

43 100

58 56.5 27.7 83.1





#60

Dibromochloromethane

Concen: 49.222 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:129 Resp: 347870

Ion Ratio Lower Upper

129 100

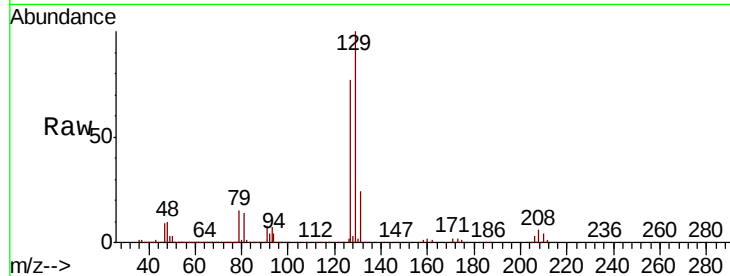
127 76.4 38.6 115.8

Manual Integrations

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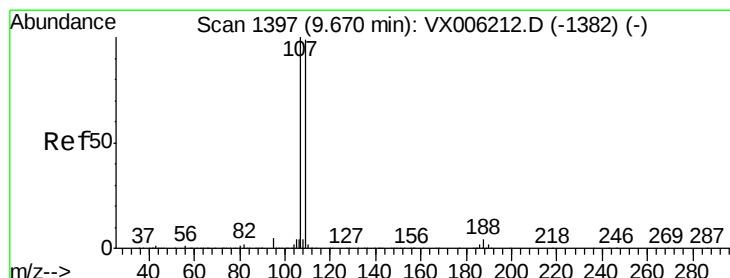
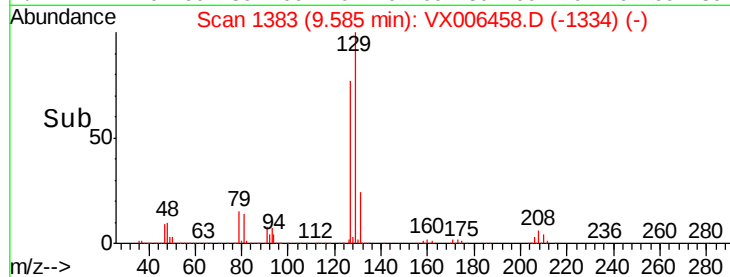
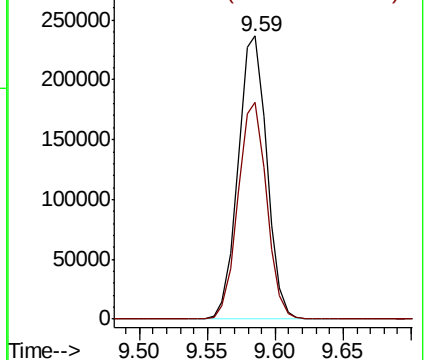
MMDadoda

12/13/2018 11:05:16 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.235 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006458.D

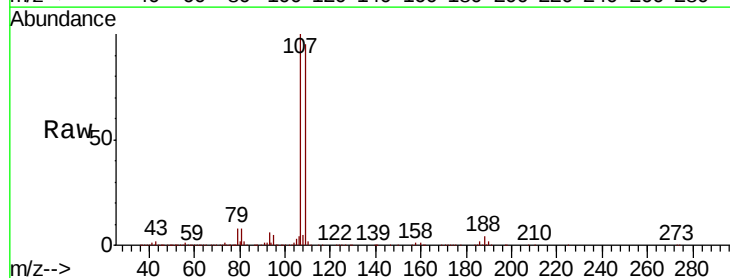
Acq: 12 Dec 2018 21:06

Tgt Ion:107 Resp: 347573

Ion Ratio Lower Upper

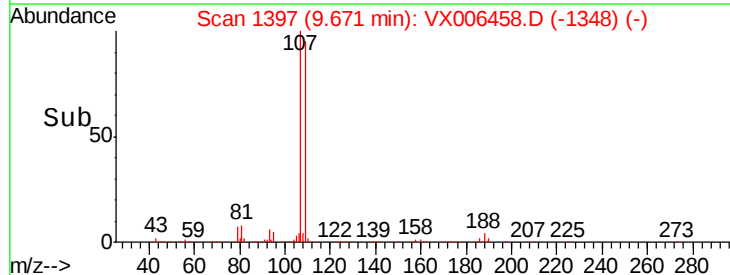
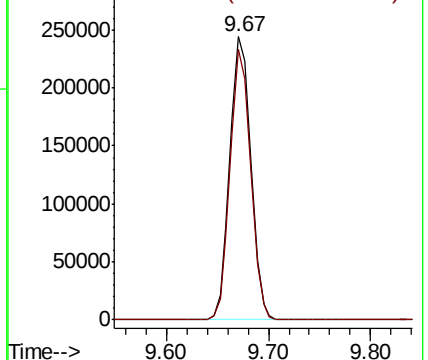
107 100

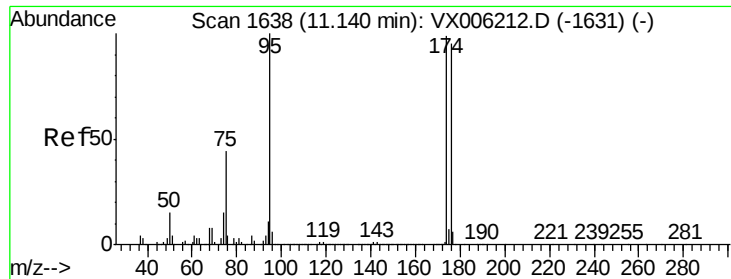
109 93.4 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





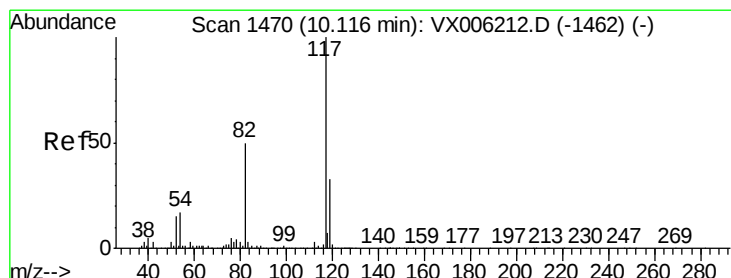
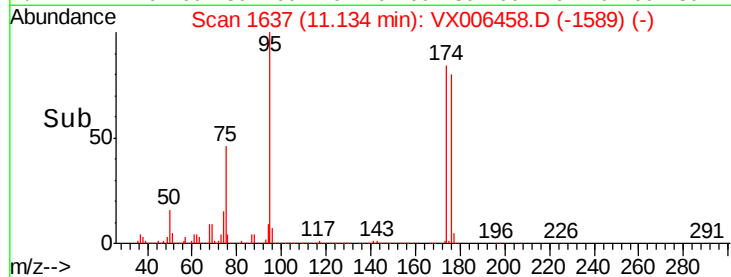
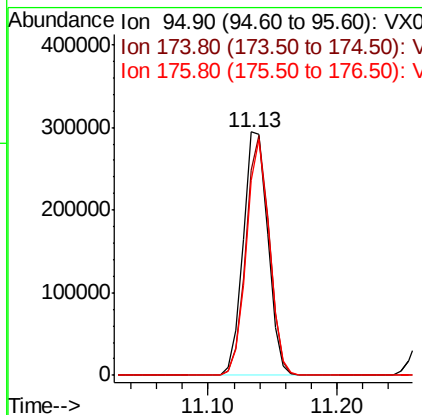
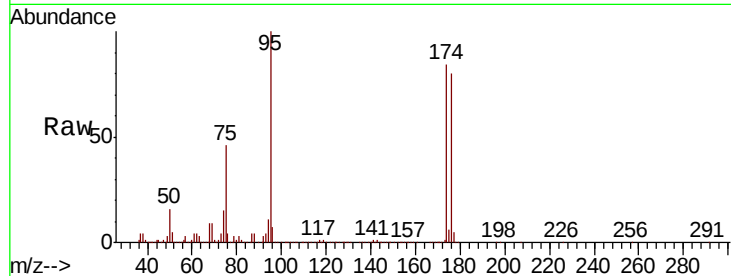
#62
4-Bromofluorobenzene
Concen: 51.542 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	388904		
174	92.3	0.0	187.0	
176	89.7	0.0	181.8	

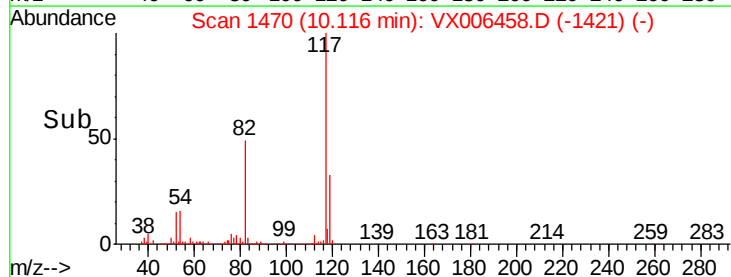
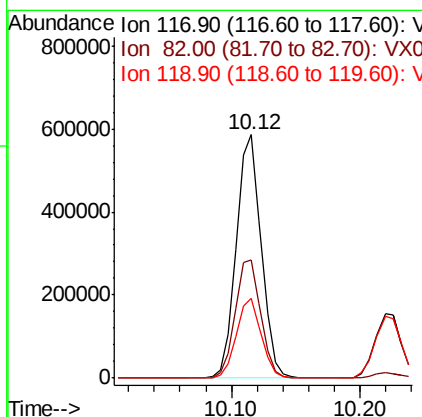
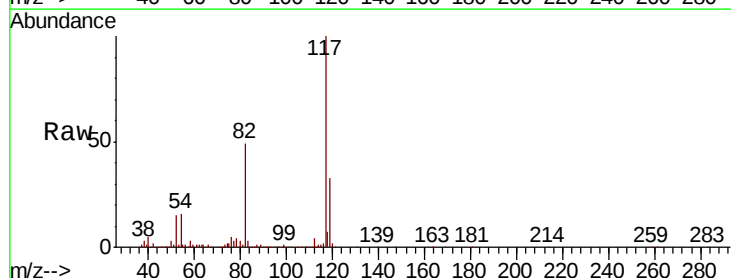
Manual Integrations
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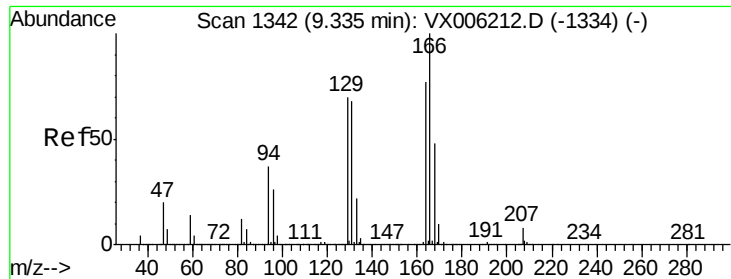
MMDadoda
12/13/2018 11:05:16 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	787338		
82	48.7	39.6	59.4	
119	32.7	26.3	39.5	





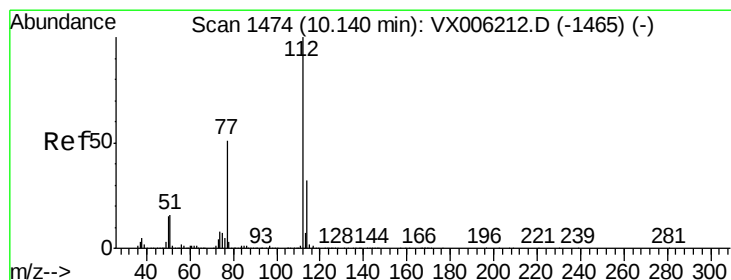
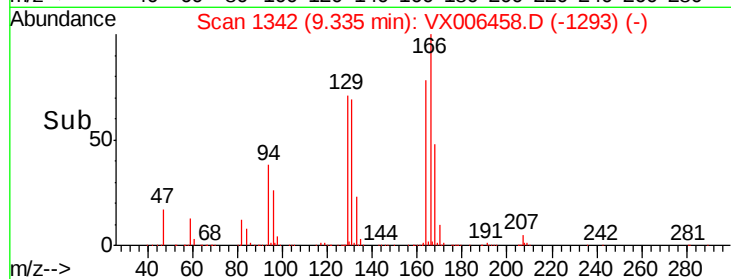
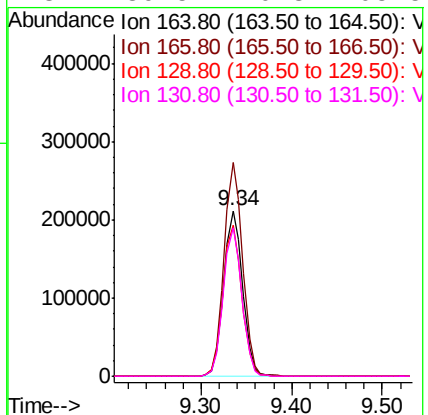
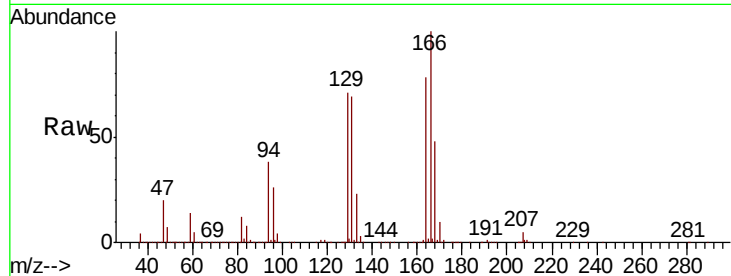
#64
Tetrachloroethene
Concen: 52.137 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	128.9	104.2	156.2	
129	91.4	72.6	108.8	
131	89.5	70.3	105.5	

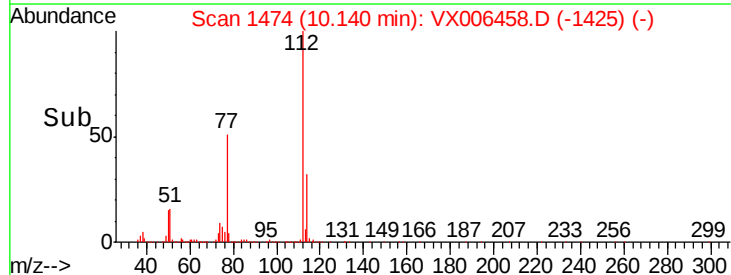
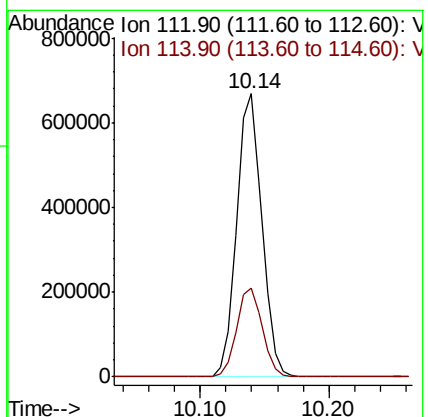
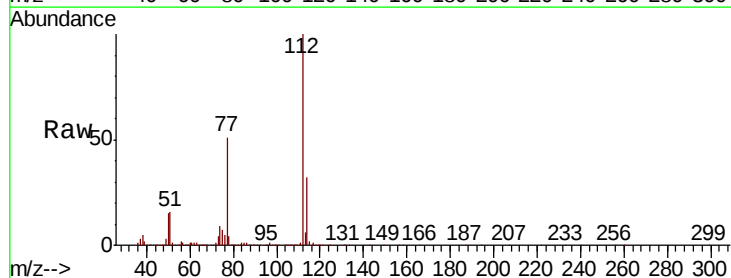
Manual Integrations
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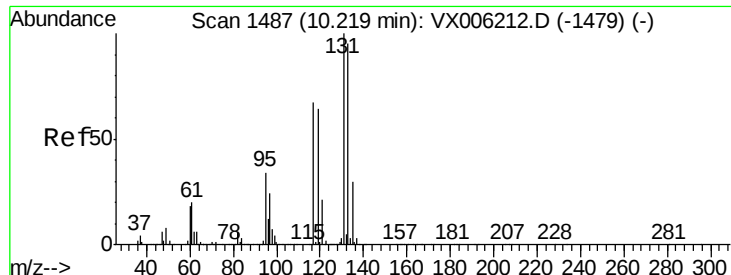
MMDadoda
12/13/2018 11:05:16 AM



#65
Chlorobenzene
Concen: 54.262 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.6	25.4	38.2	





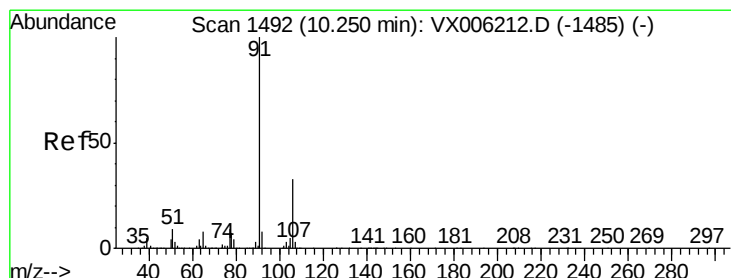
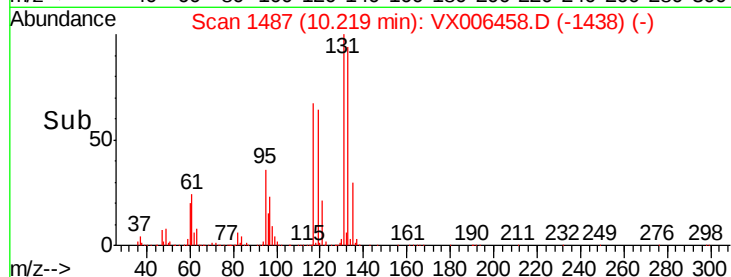
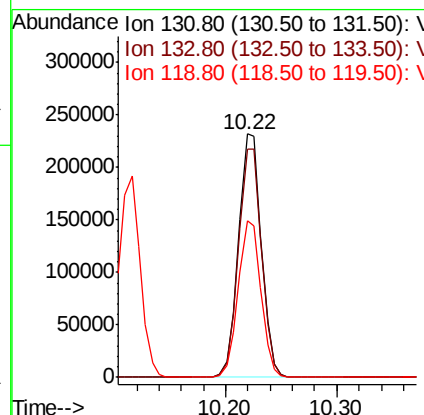
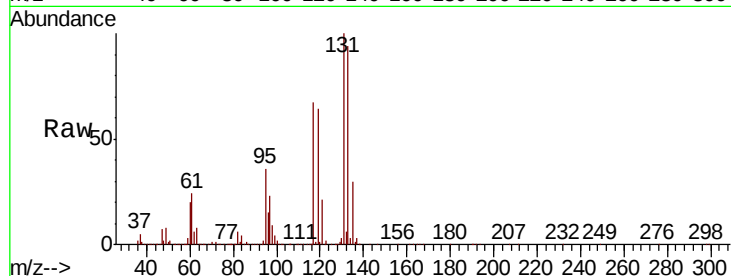
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.555 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.1	144.4
119	64.2	32.1	96.3

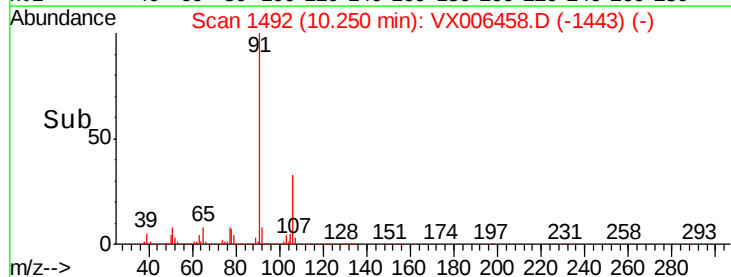
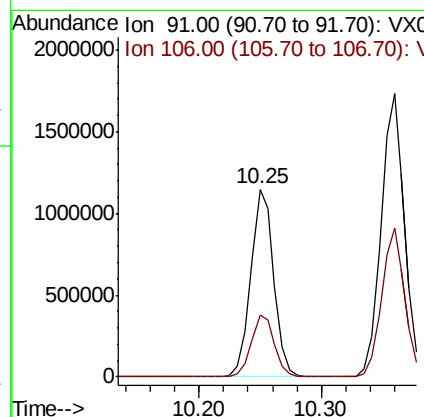
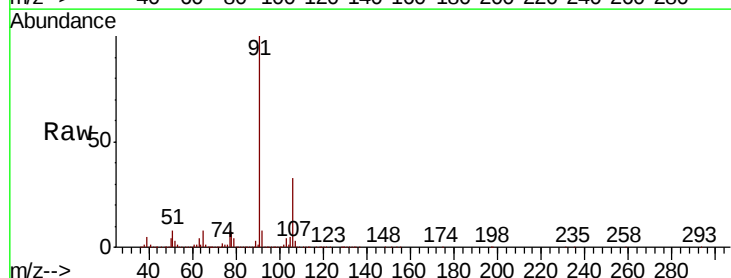
Manual Integrations
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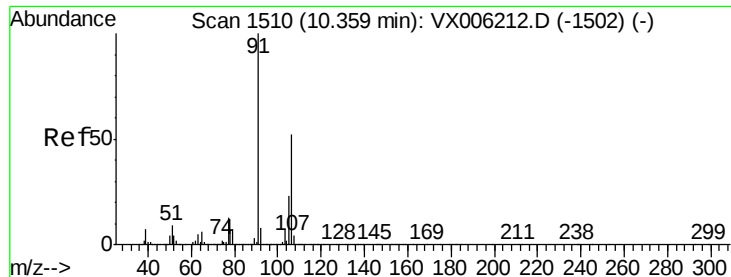
MMDadoda
 12/13/2018 11:05:16 AM



#67
 Ethyl Benzene
 Concen: 53.506 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.5	39.7





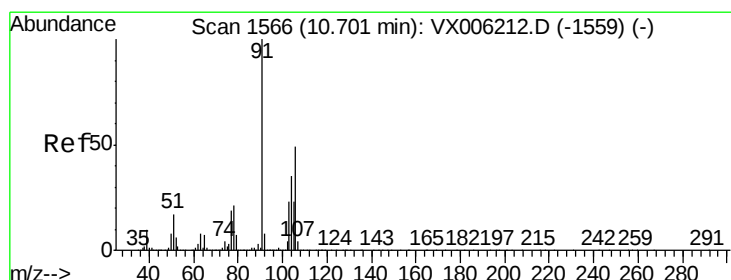
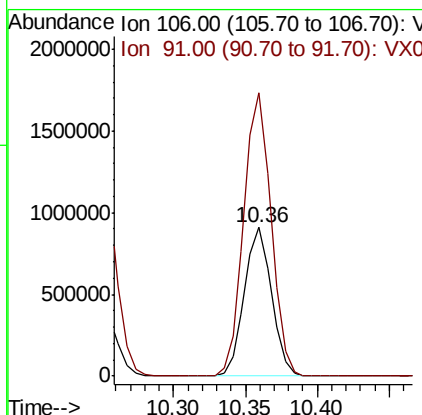
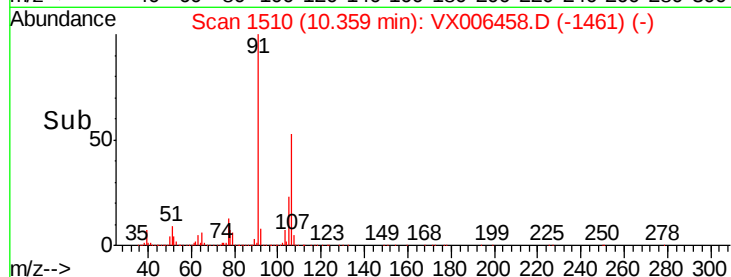
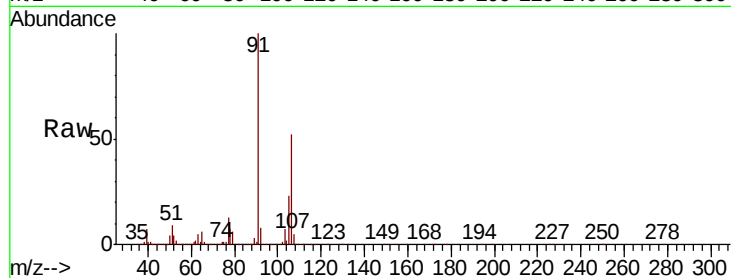
#68
m/p-Xylenes
Concen: 106.469 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion:106 Resp: 1185528
Ion Ratio Lower Upper
106 100
91 193.1 155.2 232.8

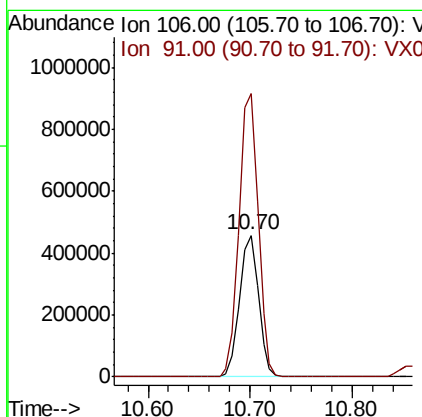
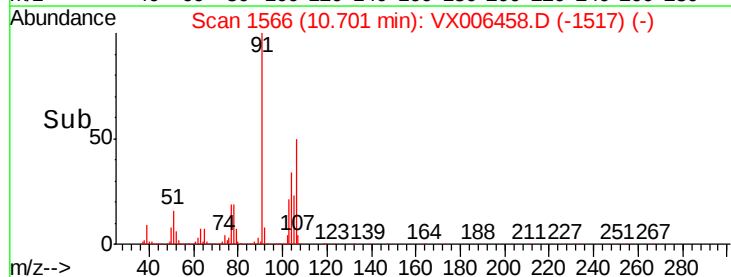
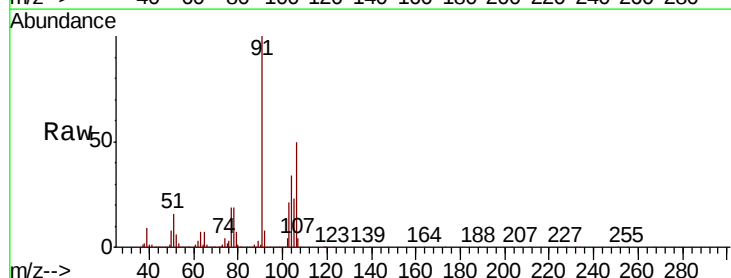
Manual Integrations
APPROVED

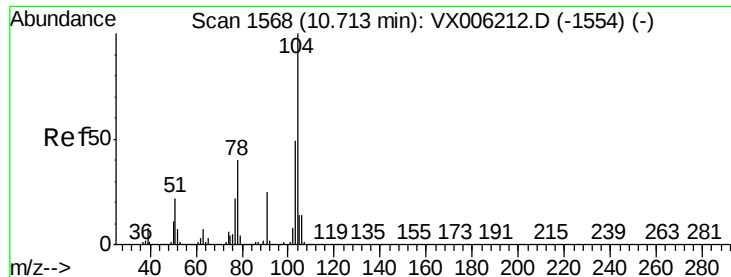
MMDadoda
12/13/2018 11:05:16 AM



#69
o-Xylene
Concen: 53.345 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion:106 Resp: 586729
Ion Ratio Lower Upper
106 100
91 202.0 101.8 305.6





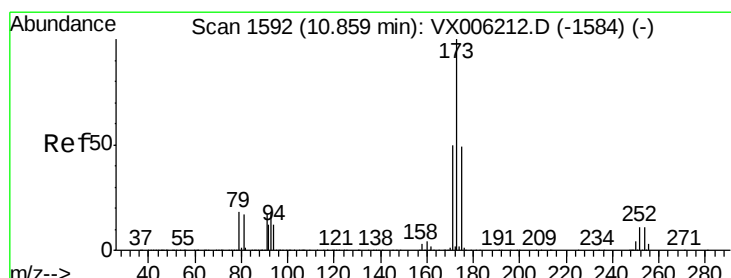
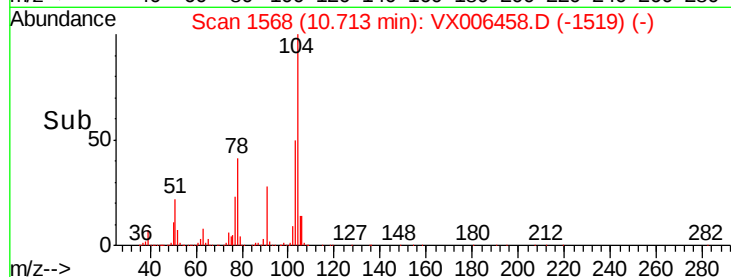
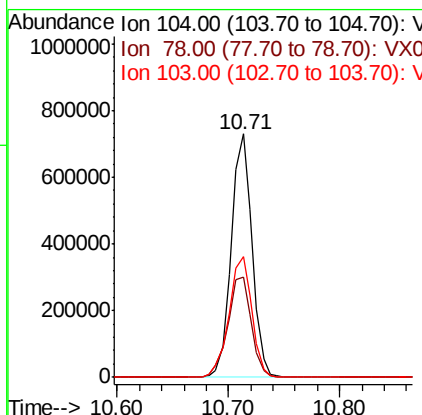
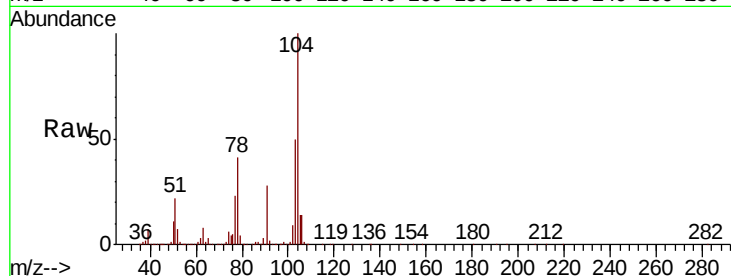
#70
Stvrene
Concen: 52.719 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.2	55.8
103	54.9	43.5	65.3

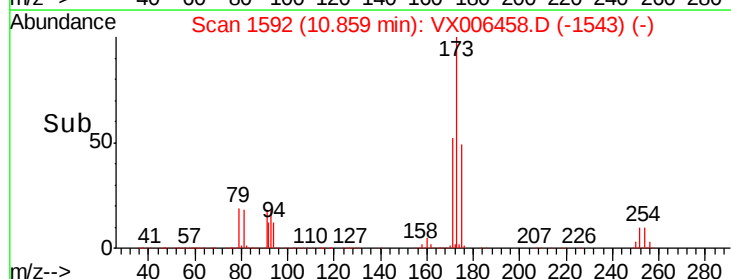
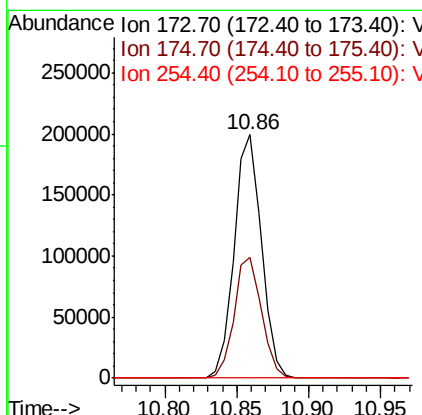
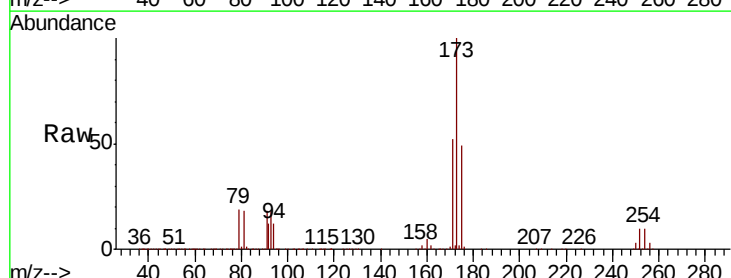
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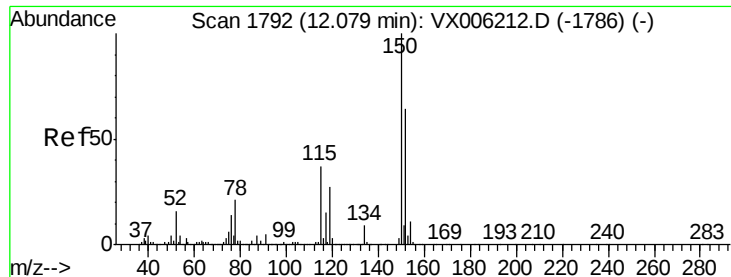
MMDadoda
12/13/2018 11:05:16 AM



#71
Bromoform
Concen: 43.121 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.8
254	0.2	0.2	0.2





#72

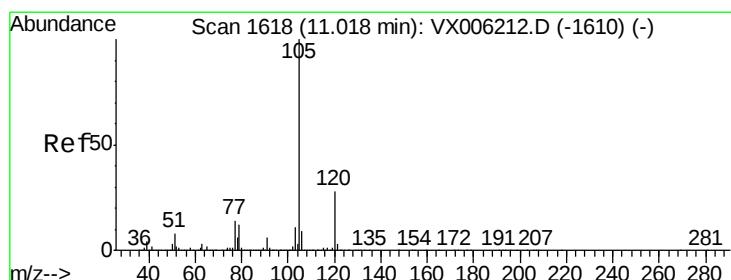
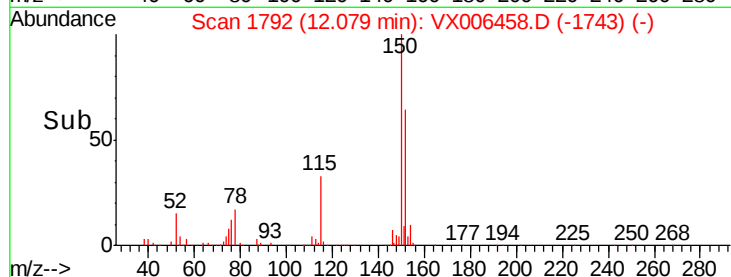
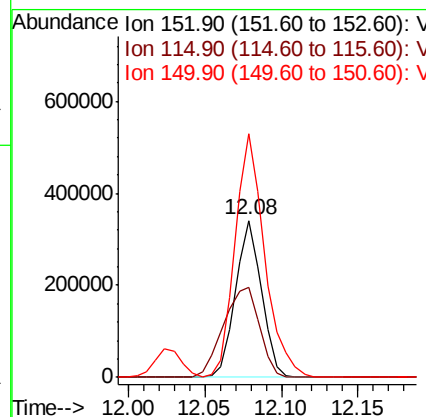
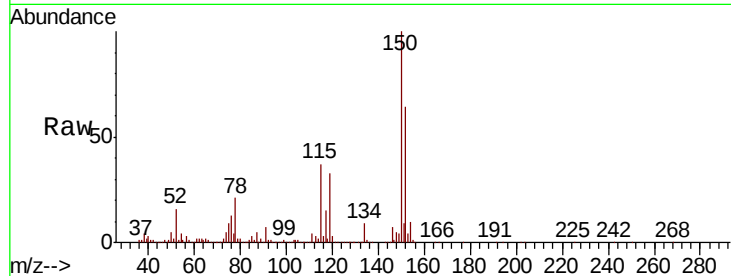
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	80.2	39.0	116.9
150	176.6	0.0	345.8

Manual Integrations
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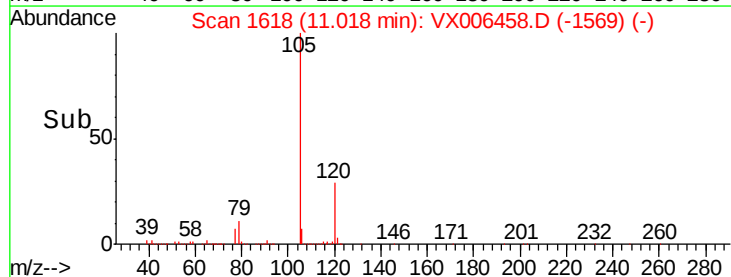
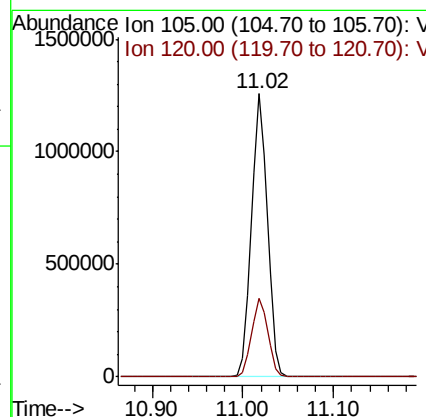
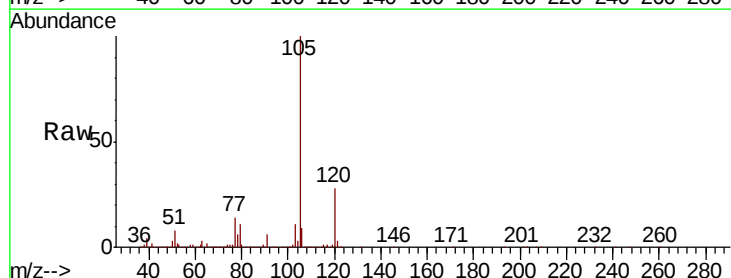
MMDadoda
12/13/2018 11:05:16 AM

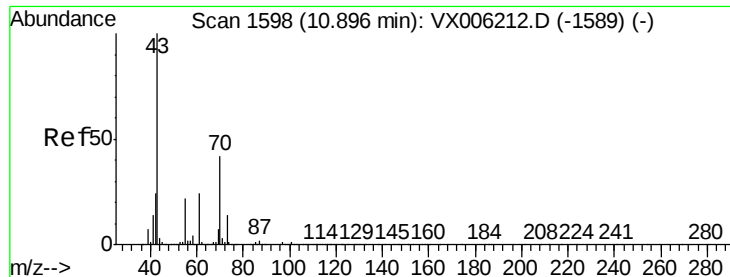


#73

Isopropylbenzene
Concen: 55.567 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	14.1	42.3





#74

N-amvl acetate

Concen: 45.944 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

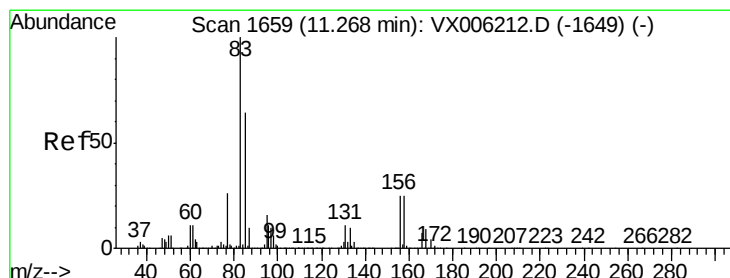
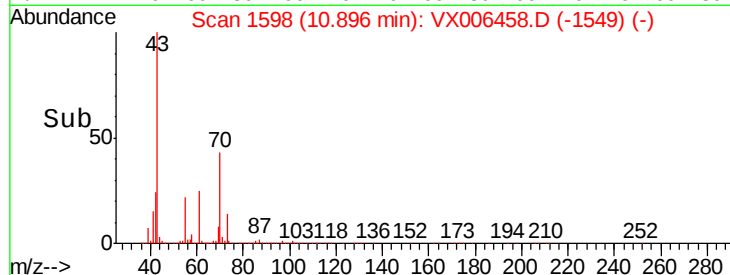
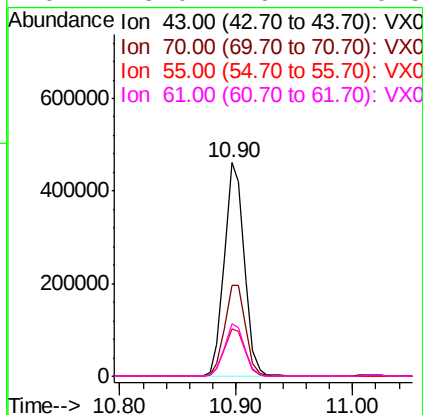
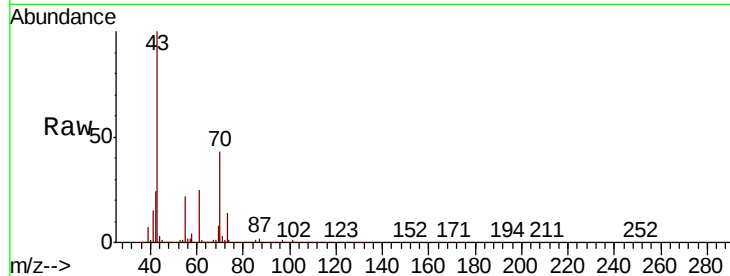
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	45.0	34.1	51.1	
55	23.4	17.8	26.8	
61	25.0	19.7	29.5	

Manual Integrations
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MMDadoda
12/13/2018 11:05:16 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 52.760 ug/l

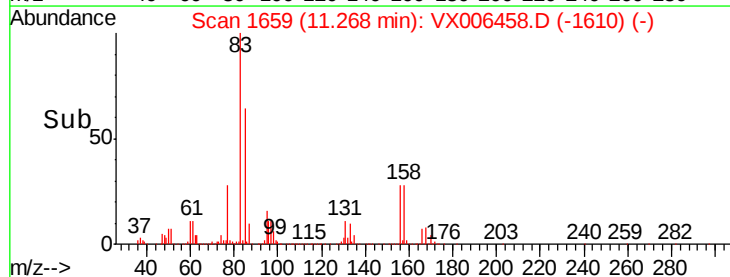
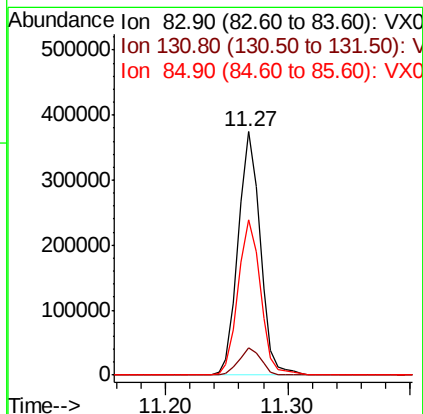
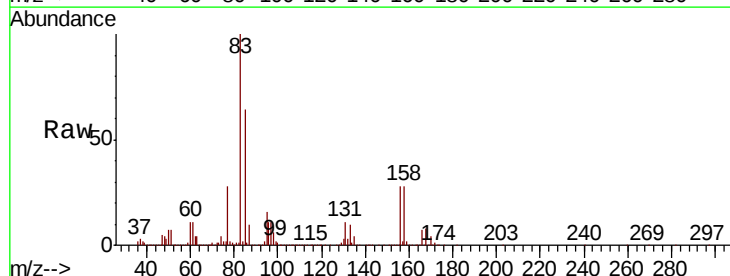
RT: 11.27 min Scan# 1659

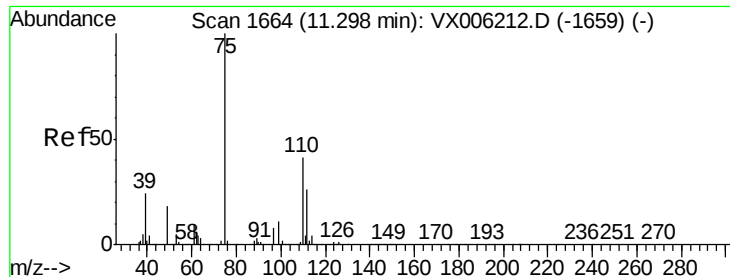
Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.1	5.7	17.1	
85	65.0	32.1	96.5	





#76

1,2,3-Trichloropropane

Concen: 54.374 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 75 Resp: 420079

Ion Ratio Lower Upper

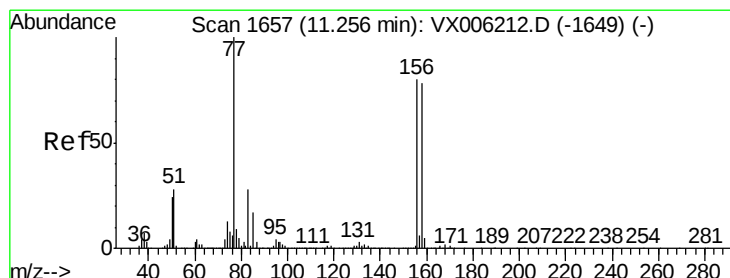
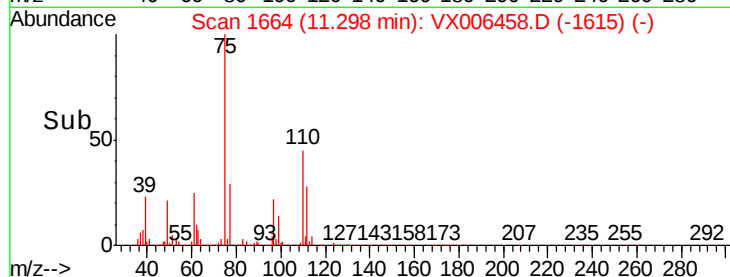
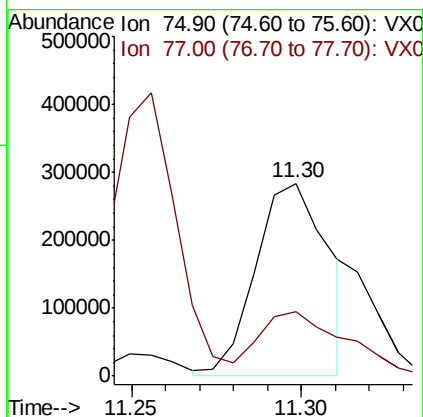
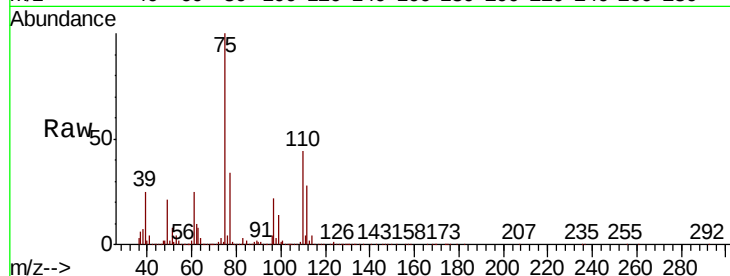
75 100

77 39.8 19.9 59.7

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#77

Bromobenzene

Concen: 54.515 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

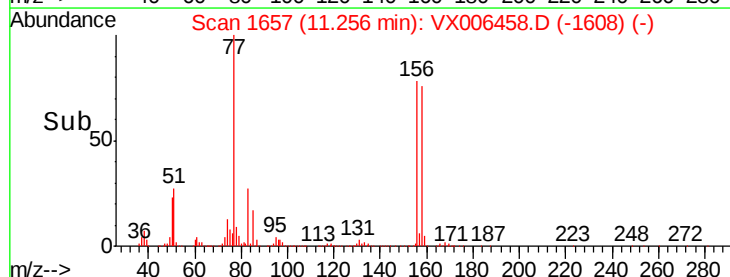
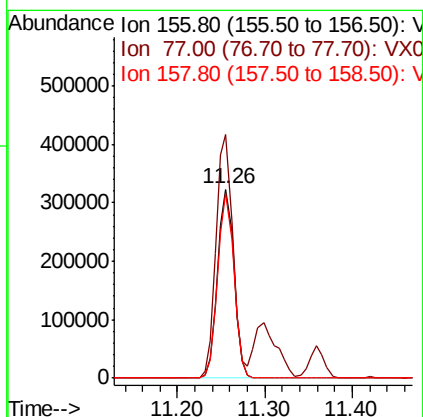
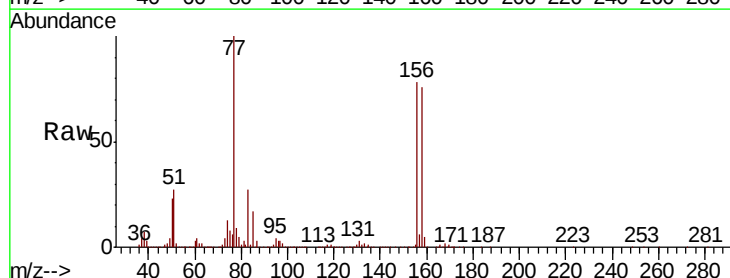
Tgt Ion: 156 Resp: 418189

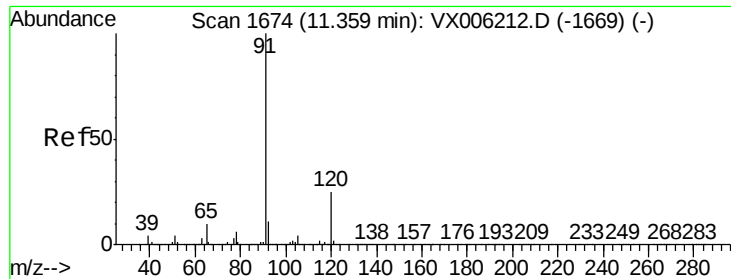
Ion Ratio Lower Upper

156 100

77 132.1 66.2 198.6

158 96.6 48.8 146.4





#78

n-propylbenzene

Concen: 54.811 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion: 91 Resp: 1684142

Ion Ratio Lower Upper

91 100

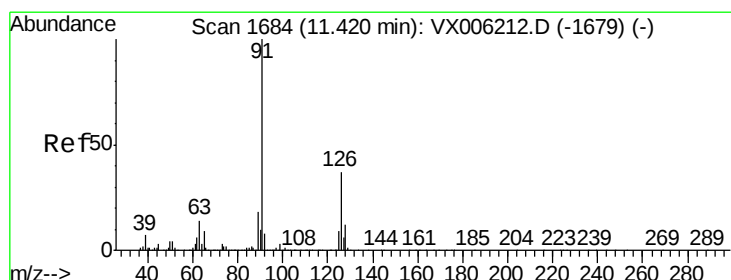
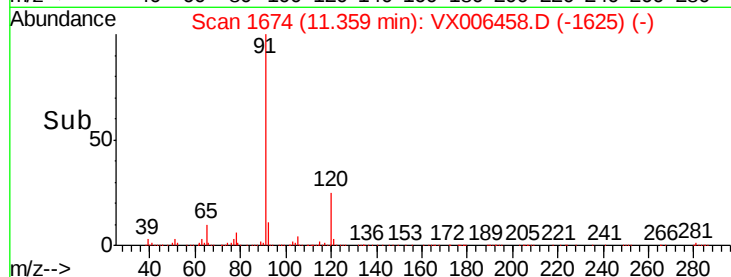
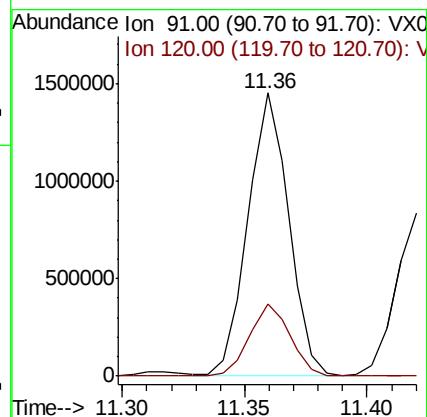
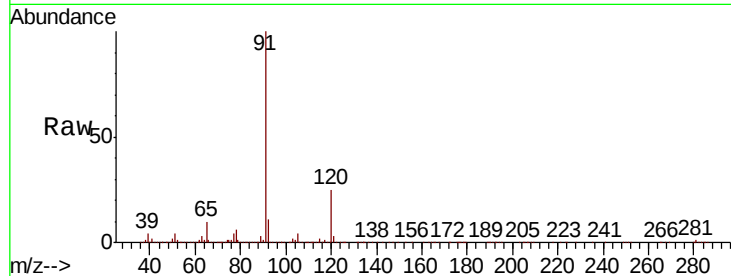
120 25.7 12.7 38.0

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#79

2-Chlorotoluene

Concen: 54.579 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006458.D

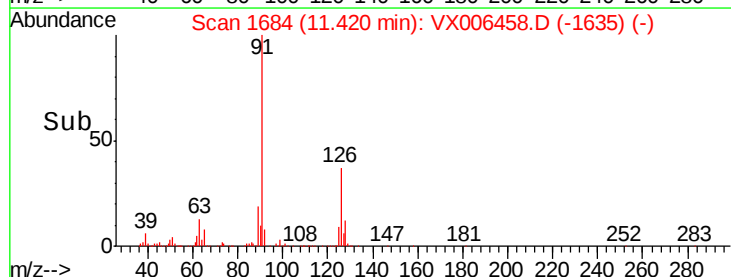
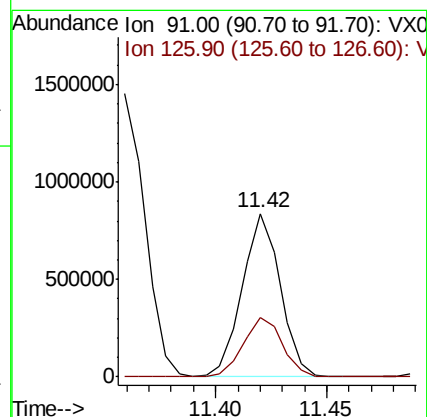
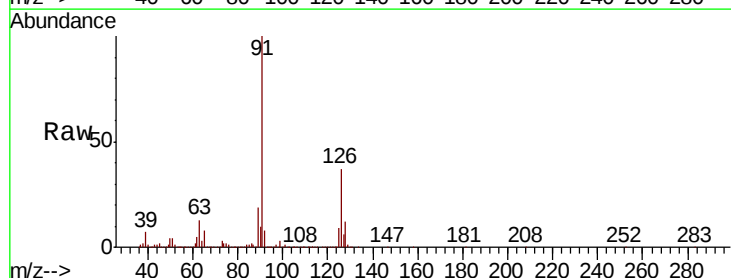
Acq: 12 Dec 2018 21:06

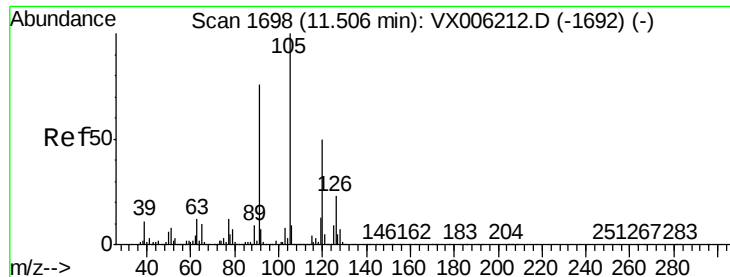
Tgt Ion: 91 Resp: 996758

Ion Ratio Lower Upper

91 100

126 37.9 18.6 56.0





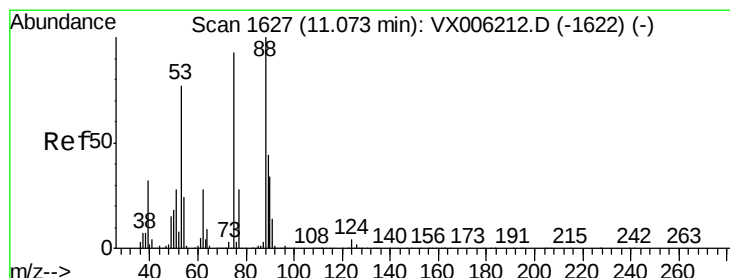
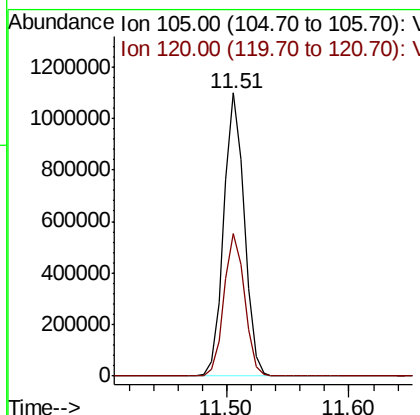
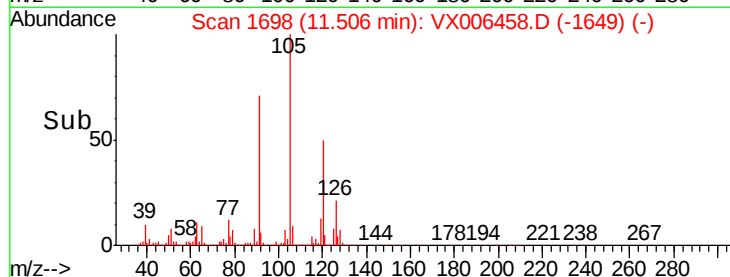
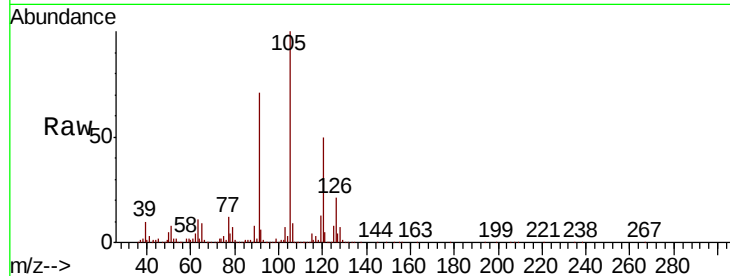
#80
 1,3,5-Trimethylbenzene
 Concen: 55.371 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion:105 Resp: 1273464
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.0

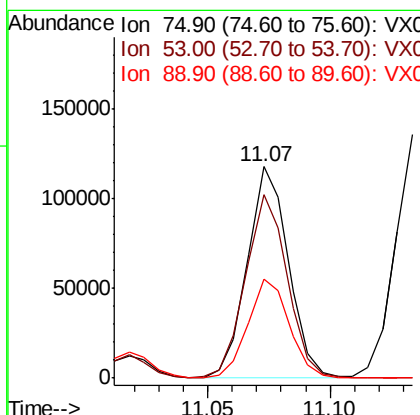
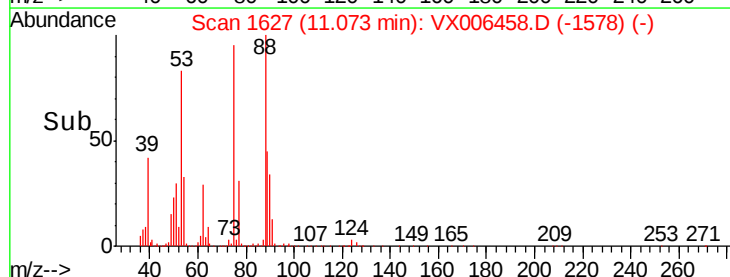
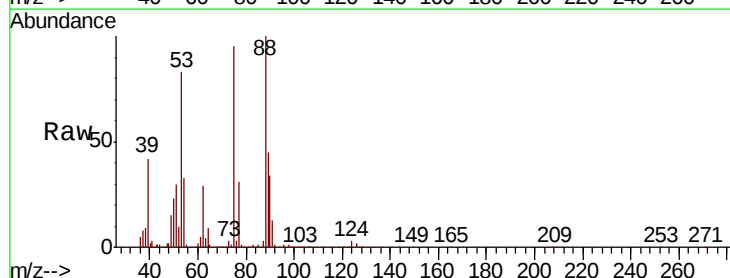
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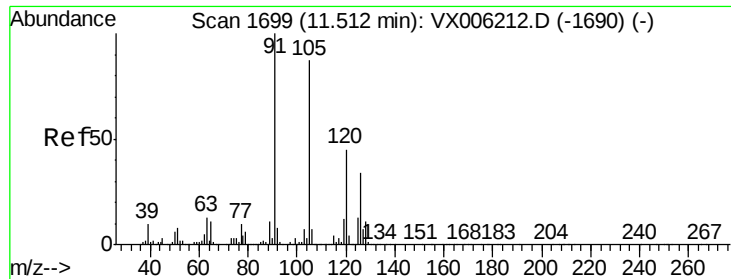
MMDadoda
 12/13/2018 11:05:16 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.851 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion: 75 Resp: 137780
 Ion Ratio Lower Upper
 75 100
 53 88.2 64.4 96.6
 89 47.5 44.2 66.4





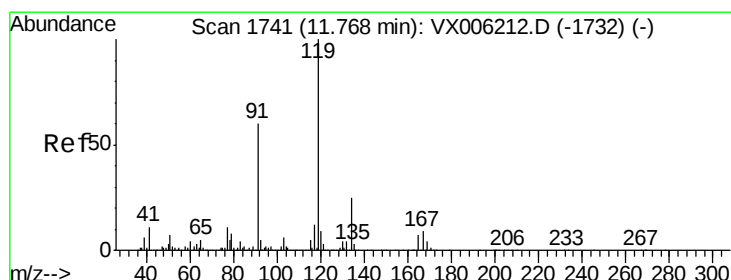
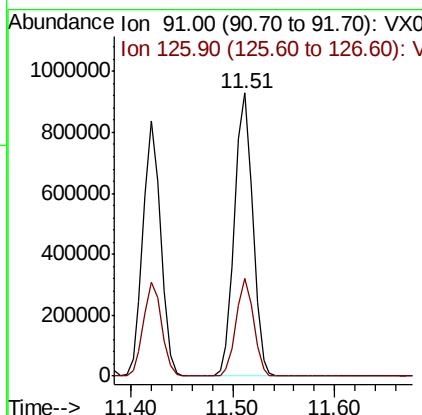
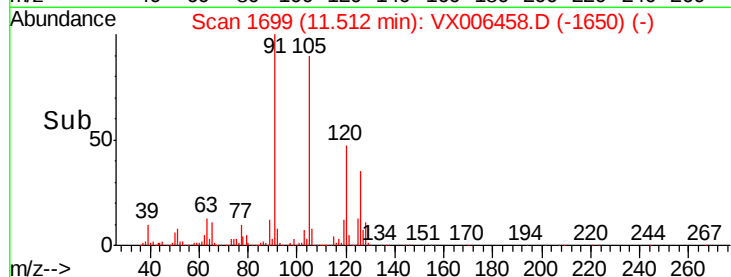
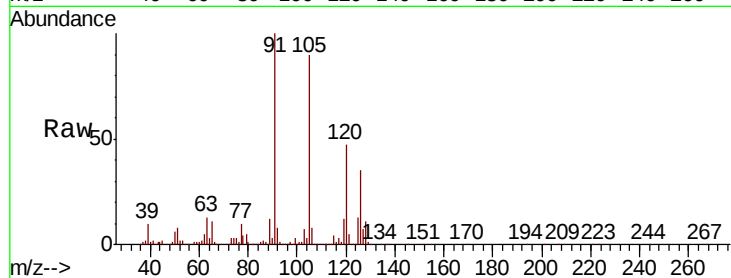
#82
4-Chlorotoluene
Concen: 53.937 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion: 91 Resp: 1145264
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

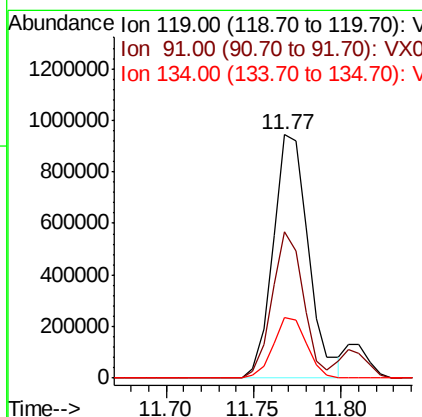
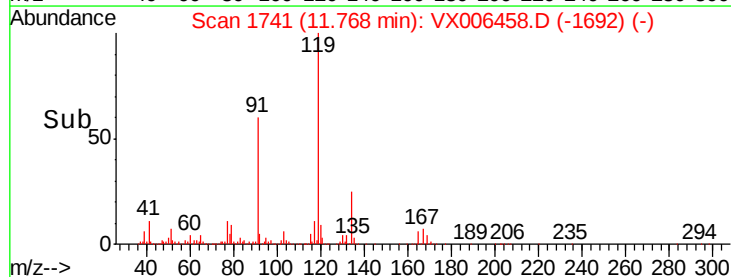
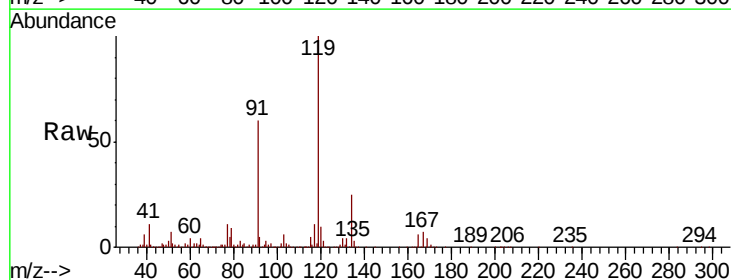
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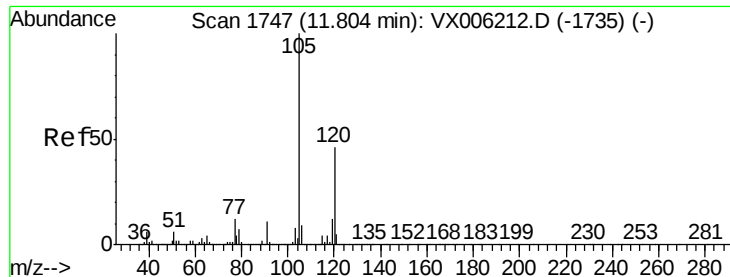
MMDadoda
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#83
tert-Butylbenzene
Concen: 54.038 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion: 119 Resp: 1326030
Ion Ratio Lower Upper
119 100
91 53.6 26.4 79.2
134 23.5 11.6 34.7





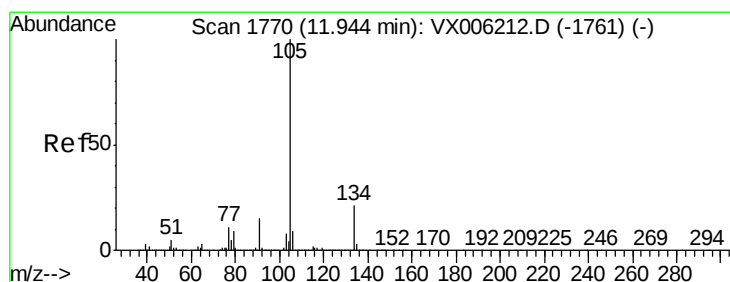
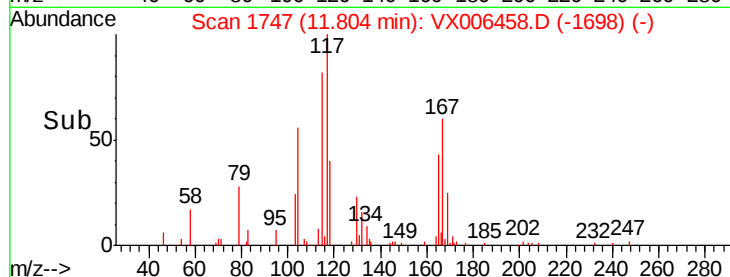
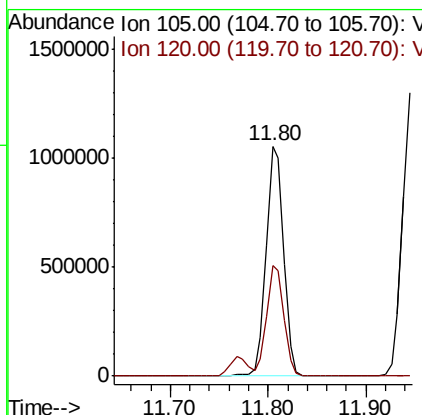
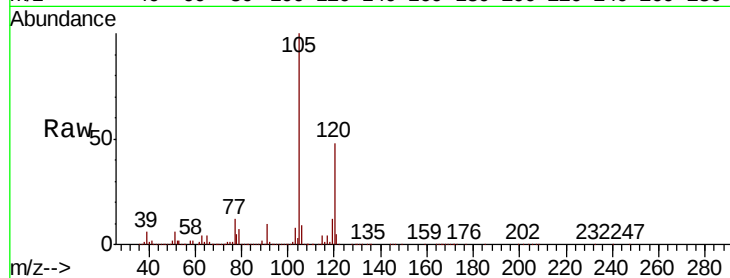
#84
1,2,4-Trimethylbenzene
Concen: 54.967 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion:105 Resp: 1305369
Ion Ratio Lower Upper
105 100
120 47.1 23.4 70.0

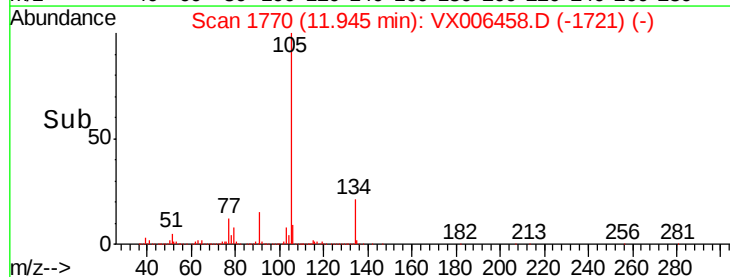
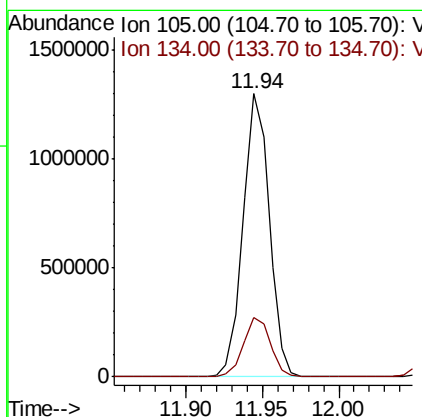
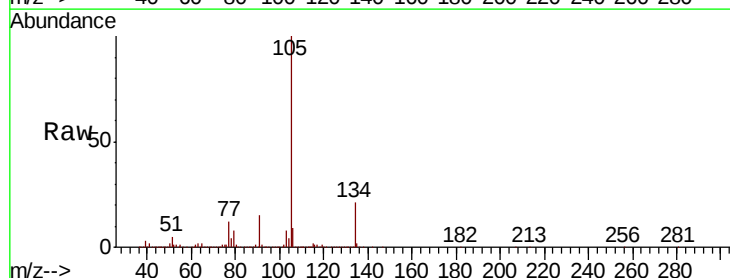
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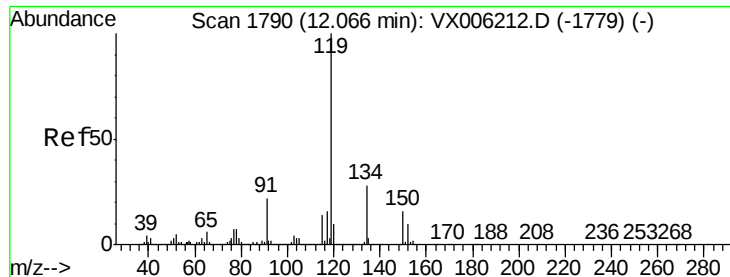
MMDadoda
12/13/2018 11:05:16 AM



#85
sec-Butylbenzene
Concen: 55.281 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion:105 Resp: 1543241
Ion Ratio Lower Upper
105 100
134 21.6 10.8 32.4





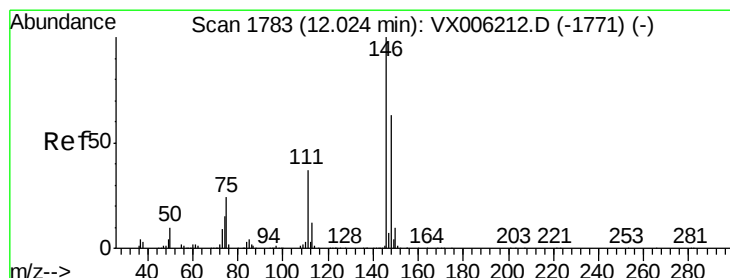
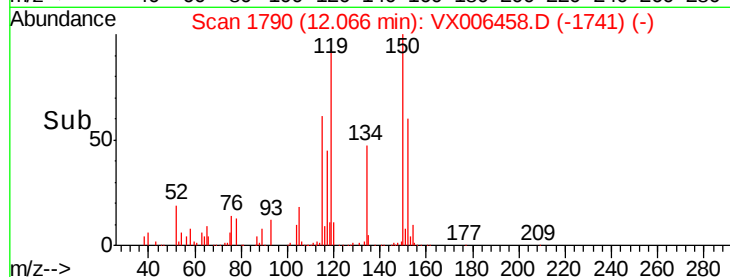
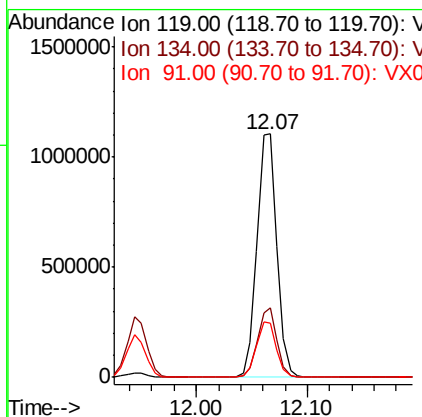
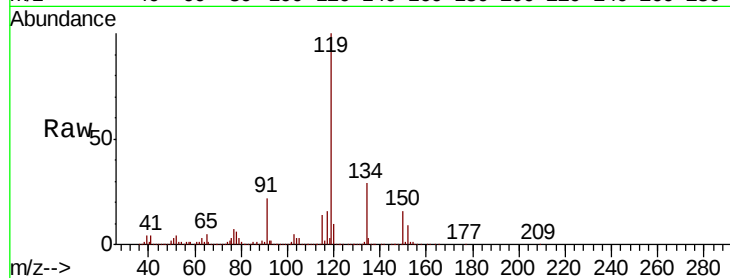
#86
 p-Isopropyltoluene
 Concen: 54.959 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.9	41.6
91	22.4	11.3	33.8

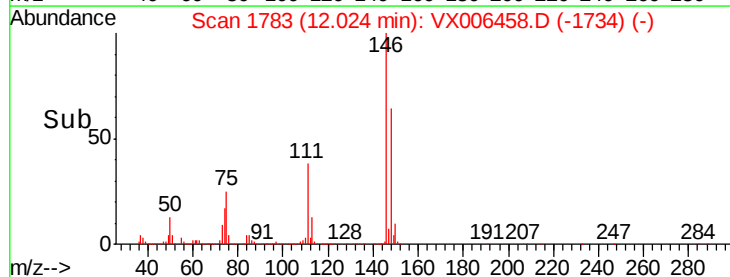
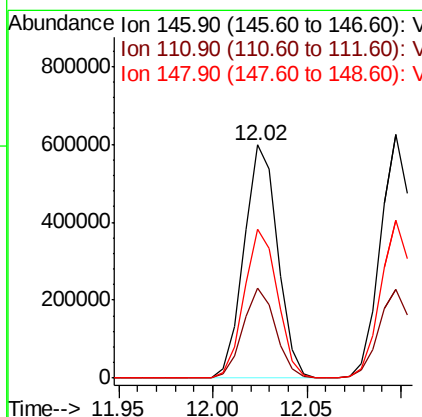
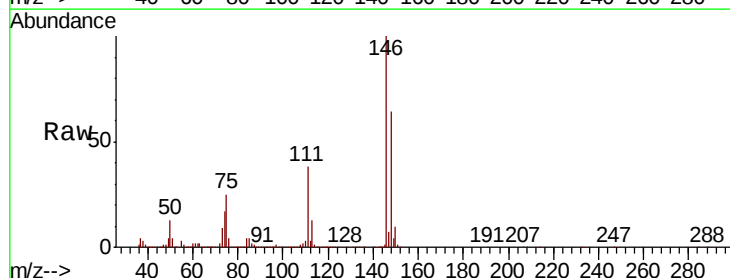
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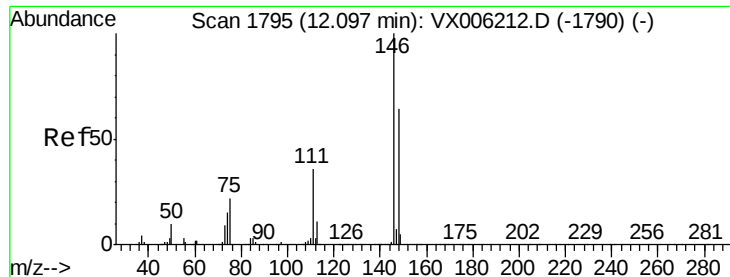
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#87
 1,3-Dichlorobenzene
 Concen: 54.328 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	63.7	32.0	96.0





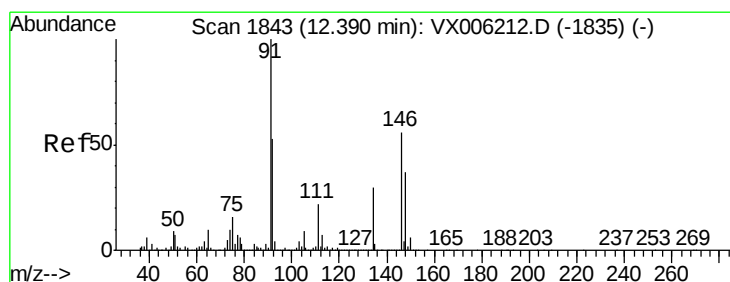
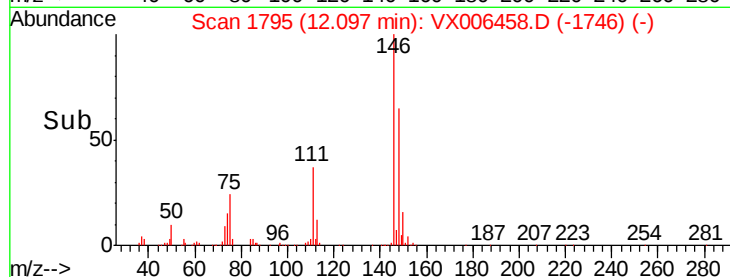
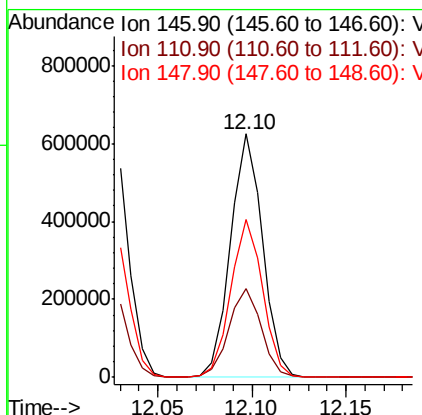
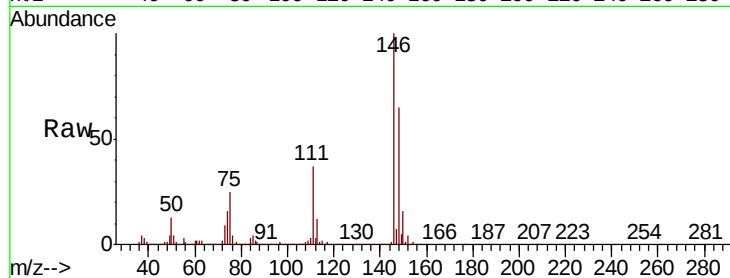
#88
 1,4-Dichlorobenzene
 Concen: 53.171 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.3	31.9	95.9

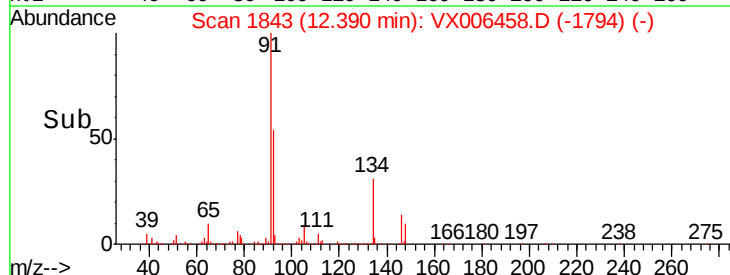
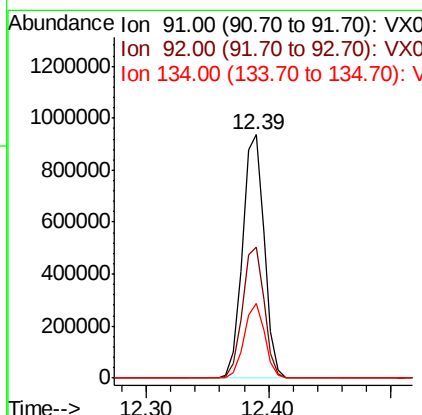
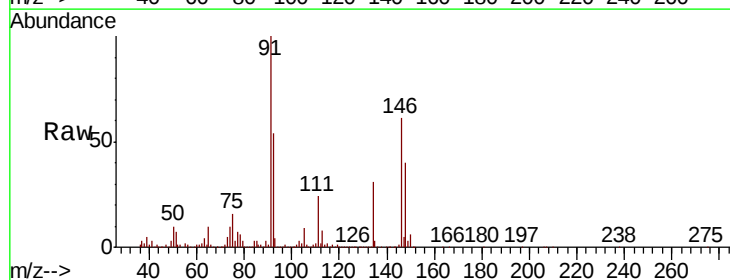
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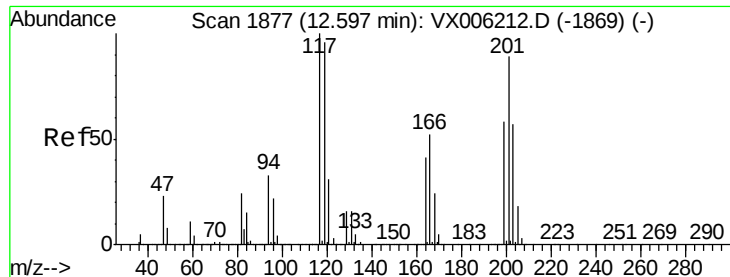
MMDadoda
 12/13/2018 11:05:16 AM



#89
 n-Butylbenzene
 Concen: 53.249 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.8
134	29.4	14.8	44.3





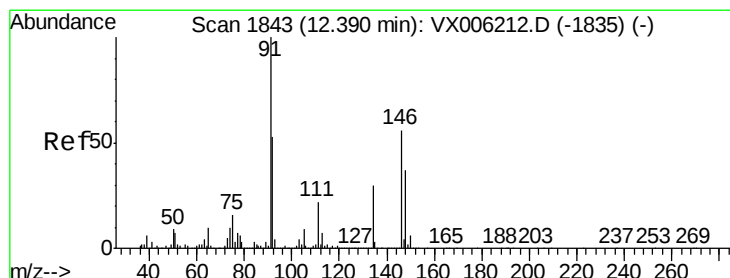
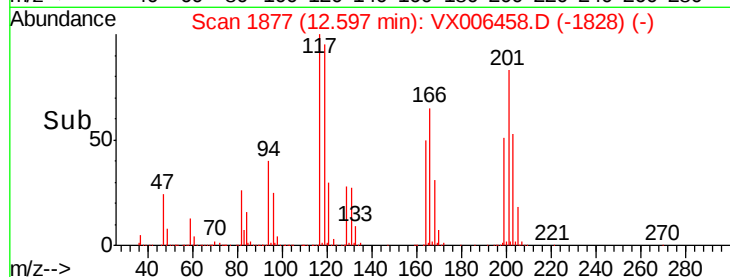
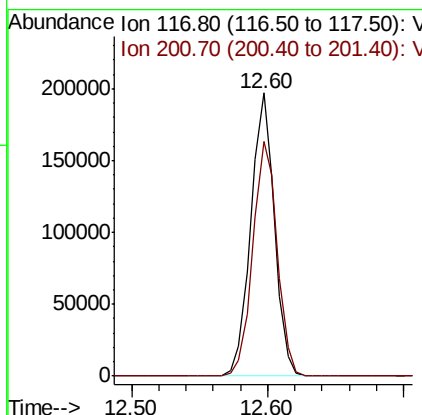
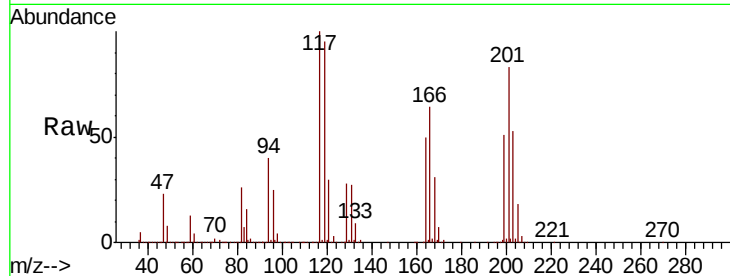
#90
Hexachloroethane
Concen: 46.955 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion:117 Resp: 240565
Ion Ratio Lower Upper
117 100
201 85.6 44.7 134.1

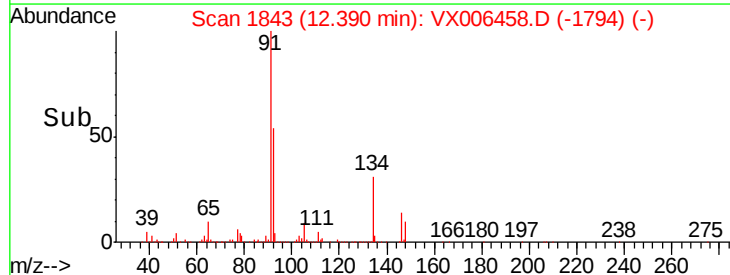
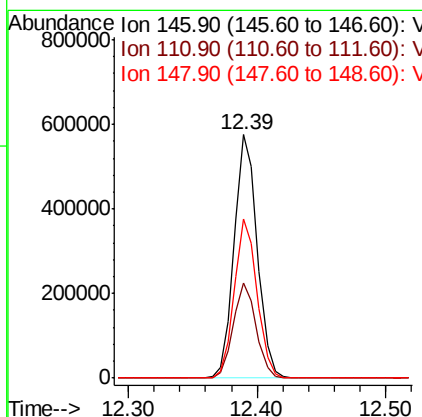
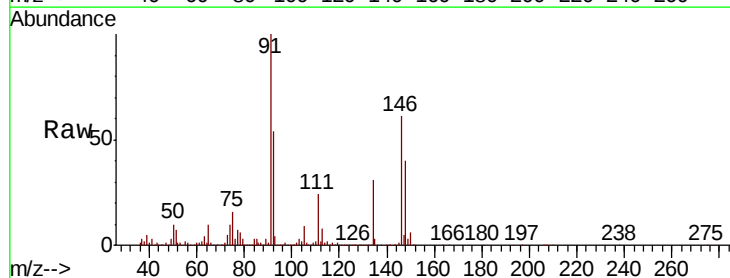
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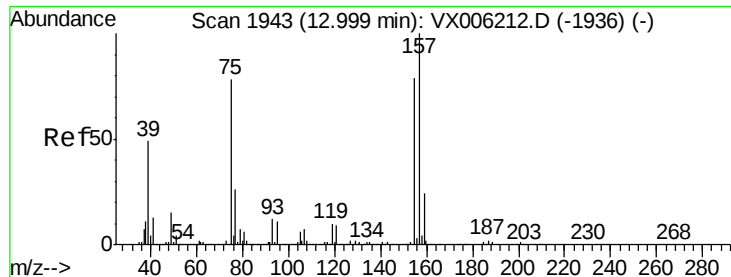
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 53.148 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006458.D
Acq: 12 Dec 2018 21:06

Tgt Ion:146 Resp: 719977
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.3
148 64.5 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.146 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

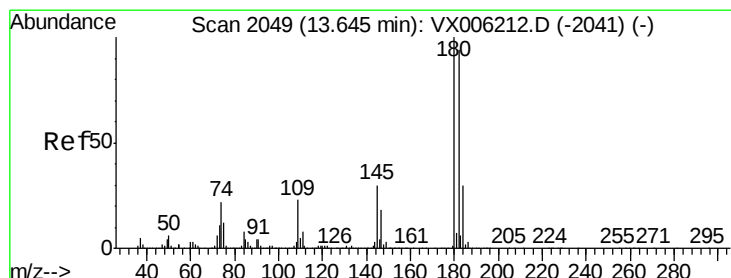
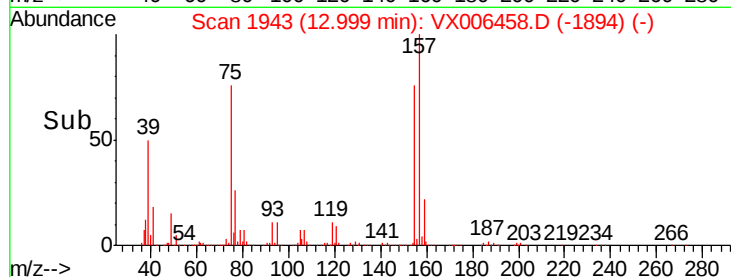
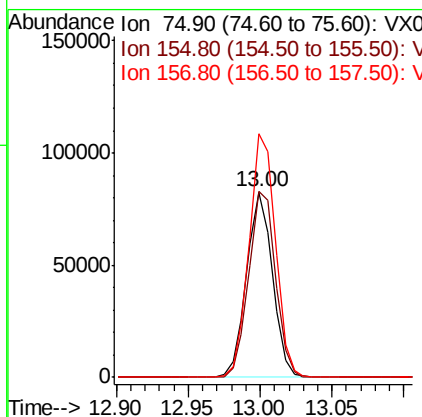
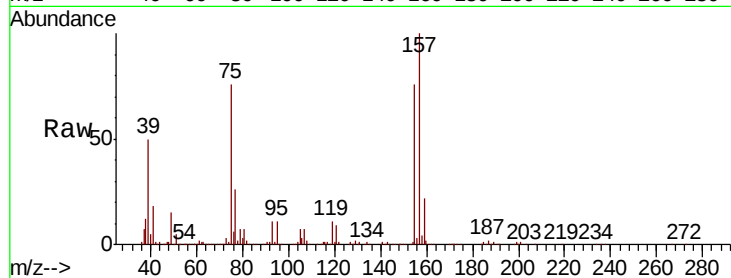
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	75	Resp:	102341
Ion Ratio	Lower	Upper	
75	100		
155	104.1	53.4	160.3
157	133.7	68.0	203.8

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#93

1,2,4-Trichlorobenzene

Concen: 51.811 ug/l

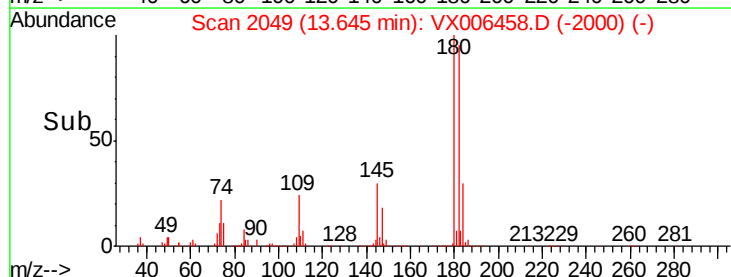
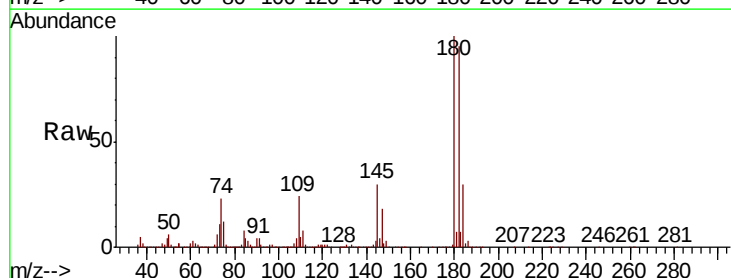
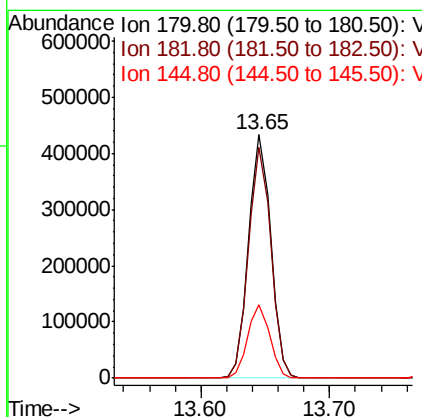
RT: 13.65 min Scan# 2049

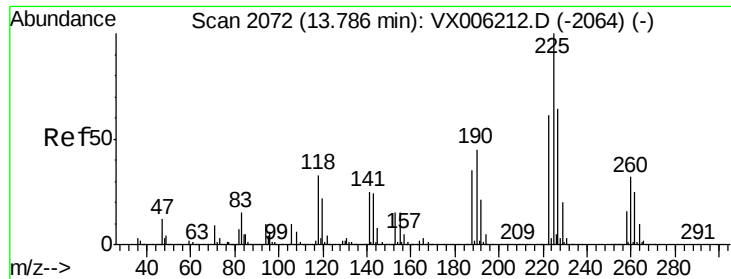
Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	180	Resp:	512054
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.3	141.9
145	30.2	14.6	43.8





#94

Hexachlorobutadiene

Concen: 51.951 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Instrument :

MSVOA_X

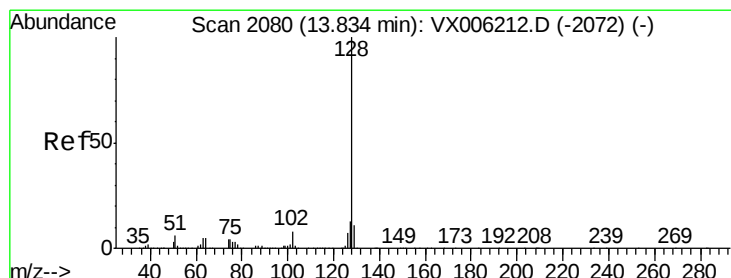
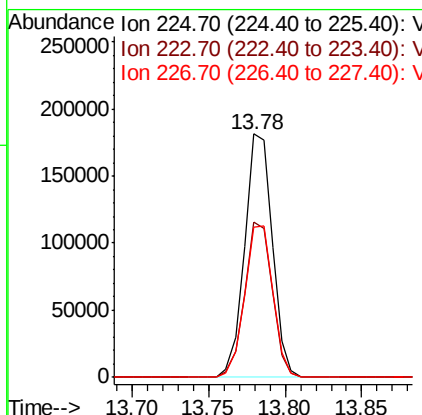
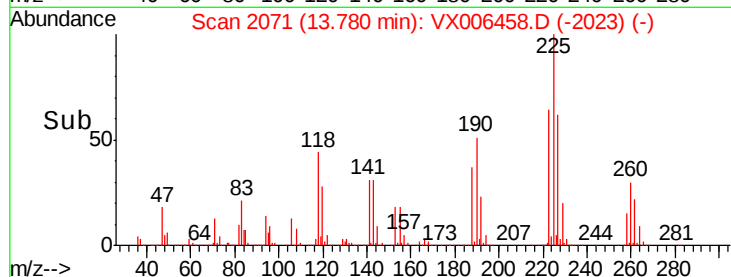
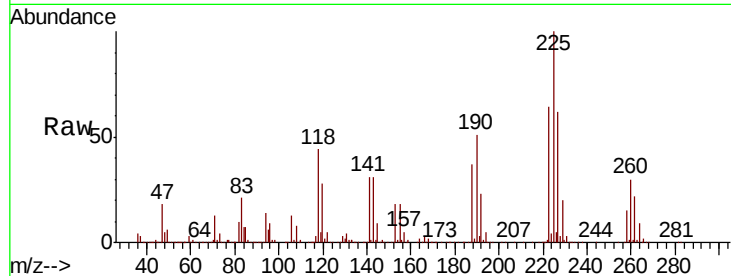
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	225	Resp:	227067
Ion Ratio		Lower	Upper
225	100		
223	63.6	31.2	93.6
227	63.5	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
12/13/2018 11:05:16 AM



#95

Naphthalene

Concen: 53.437 ug/l

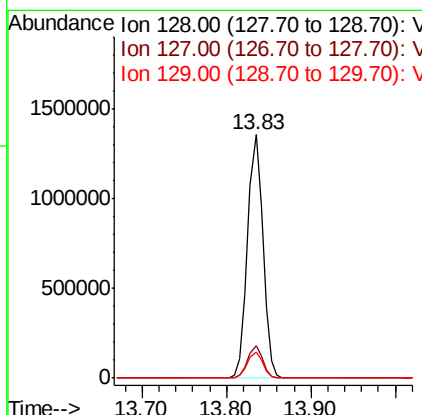
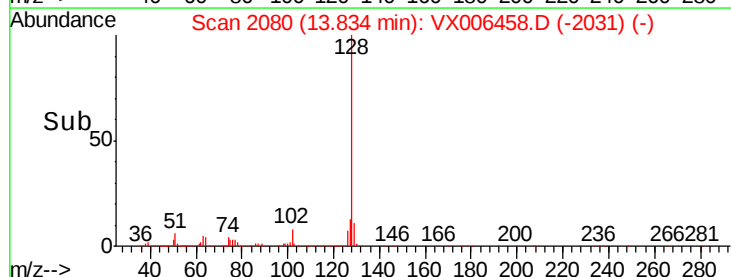
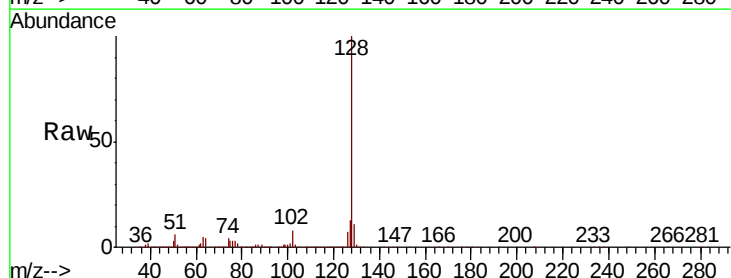
RT: 13.83 min Scan# 2080

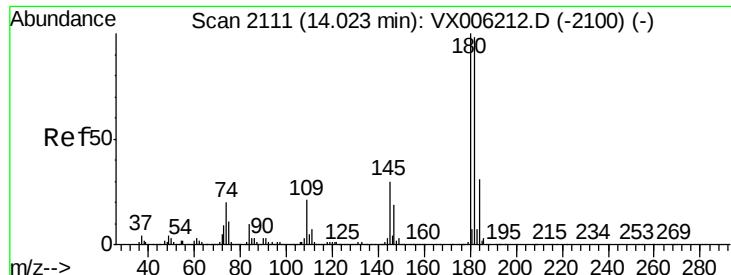
Delta R.T. 0.00 min

Lab File: VX006458.D

Acq: 12 Dec 2018 21:06

Tgt Ion:	128	Resp:	1642827
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 52.833 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006458.D
 Acq: 12 Dec 2018 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	48.4	145.2
145	31.9	15.6	46.8

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:16 AM

