

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006332.D
 Acq On : 06 Dec 2018 21:23
 Operator : JC/MD
 Sample : J6259-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:30 AM

Quant Time: Dec 07 06:13:38 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	651721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	976547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	882654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	451354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	324145	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.51	113	318969	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	1130879	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	420167	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	327415	51.309	ug/l	98
3) Chloromethane	1.33	50	299396	45.656	ug/l	98
4) Vinyl Chloride	1.41	62	337534	47.825	ug/l	98
5) Bromomethane	1.64	94	253263	51.779	ug/l	98
6) Chloroethane	1.71	64	210232	48.583	ug/l	100
7) Trichlorofluoromethane	1.93	101	535509	49.430	ug/l	100
8) Diethyl Ether	2.19	74	203226	49.565	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	304787	49.477	ug/l	99
10) Methyl Iodide	2.51	142	428059	46.109	ug/l	99
11) Tert butyl alcohol	3.08	59	438497	241.005	ug/l	100
12) 1,1-Dichloroethene	2.37	96	286363	48.559	ug/l	94
13) Acrolein	2.30	56	225105	226.362	ug/l	97
14) Allyl chloride	2.73	41	525357	45.098	ug/l	99
15) Acrylonitrile	3.15	53	922342	242.929	ug/l	100
16) Acetone	2.45	43	758383	242.899	ug/l	99
17) Carbon Disulfide	2.57	76	783684	43.126	ug/l	99
18) Methyl Acetate	2.78	43	486235	46.568	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1033462	49.125	ug/l	99
20) Methylene Chloride	2.85	84	316919	47.694	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	301351	47.952	ug/l	96
22) Diisopropyl ether	3.87	45	904313	49.699	ug/l	98
23) Vinyl Acetate	3.82	43	3462002	223.076	ug/l	100
24) 1,1-Dichloroethane	3.70	63	530814	51.039	ug/l	99
25) 2-Butanone	4.70	43	1115161	250.319	ug/l	97
26) 2,2-Dichloropropane	4.58	77	397125	41.375	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	357206	50.957	ug/l	97
28) Bromochloromethane	5.02	49	229841	50.595	ug/l	97
29) Tetrahydrofuran	5.15	42	754714	243.755	ug/l	98
30) Chloroform	5.21	83	544713	49.840	ug/l	100
31) Cyclohexane	5.57	56	448114	46.623	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	505703	48.631	ug/l	99
36) 1,1-Dichloropropene	5.80	75	392804	47.766	ug/l	99
37) Ethyl Acetate	4.85	43	402486	43.704	ug/l	99
38) Carbon Tetrachloride	5.79	117	462161	47.772	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	502191	47.046	ug/l	98
40) Benzene	6.14	78	1226813	49.809	ug/l	99
41) Methacrylonitrile	5.06	41	240576	47.475	ug/l	99
42) 1,2-Dichloroethane	6.20	62	406241	50.396	ug/l	100
43) Isopropyl Acetate	6.46	43	682398	44.443	ug/l	99
44) Trichloroethene	7.21	130	385559	51.673	ug/l	98
45) 1,2-Dichloropropane	7.52	63	304648	48.667	ug/l	95
46) Dibromomethane	7.66	93	221887	49.080	ug/l	98
47) Bromodichloromethane	7.90	83	425463	48.596	ug/l	97
48) Methyl methacrylate	7.77	41	353507	47.325	ug/l	98
49) 1,4-Dioxane	7.75	88	183939	999.103	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2125836	237.828	ug/l	99
52) Toluene	8.79	92	796529	49.156	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	470802	45.981	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	493258	46.394	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	330736	50.241	ug/l	100
56) Ethyl methacrylate	9.18	69	493312	47.934	ug/l	98
57) 1,3-Dichloropropane	9.37	76	525209	50.454	ug/l	99
59) 2-Hexanone	9.49	43	1599661	234.243	ug/l	99
60) Dibromochloromethane	9.59	129	386547	47.619	ug/l	100
61) 1,2-Dibromoethane	9.67	107	365007	49.588	ug/l	99
64) Tetrachloroethene	9.34	164	322936	48.582	ug/l	98
65) Chlorobenzene	10.14	112	938132	50.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	356943	49.031	ug/l	100
67) Ethyl Benzene	10.25	91	1527496	49.016	ug/l	100
68) m/p-Xylenes	10.36	106	1211140	97.023	ug/l	99
69) o-Xylene	10.70	106	598560	48.544	ug/l	100
70) Stvrene	10.71	104	964960	48.387	ug/l	99
71) Bromoform	10.86	173	313731	45.653	ug/l	99
73) Isopropylbenzene	11.02	105	1581924	50.751	ug/l	99
74) N-amyl acetate	10.90	43	565572	42.136	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	495336	49.673	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	458415m	52.620	ug/l	
77) Bromobenzene	11.26	156	429525	49.655	ug/l	99
78) n-propylbenzene	11.36	91	1739703	50.210	ug/l	100
79) 2-Chlorotoluene	11.42	91	1023219	49.686	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1296775	50.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	157172	42.338	ug/l	93
82) 4-Chlorotoluene	11.51	91	1173880	49.027	ug/l	99
83) tert-Butylbenzene	11.77	119	1391884	50.301	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1341140	50.081	ug/l	99
85) sec-Butylbenzene	11.94	105	1588549	50.463	ug/l	100
86) p-Isopropyltoluene	12.07	119	1425874	50.302	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	766532	49.801	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	765844	49.022	ug/l	100
89) n-Butylbenzene	12.39	91	1186999	49.077	ug/l	100
90) Hexachloroethane	12.60	117	271879	47.060	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	757104	49.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	115962	45.365	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	548049	49.176	ug/l	100

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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	248137	50.346	ug/l	99
95) Naphthalene	13.83	128	1752910	50.564	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	555195	50.296	ug/l	99

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

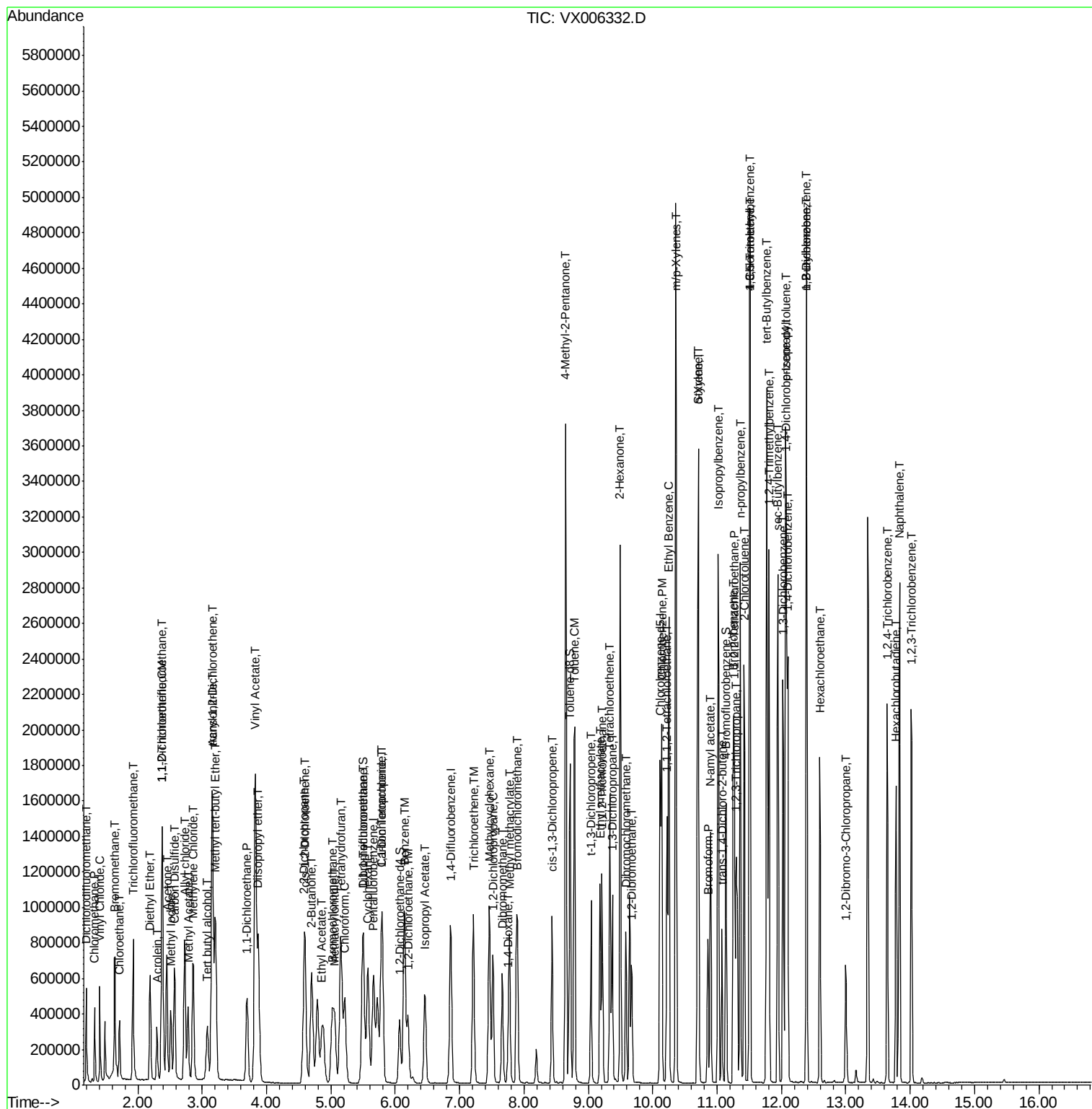
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 Data File : VX006332.D
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 Operator : JC/MD
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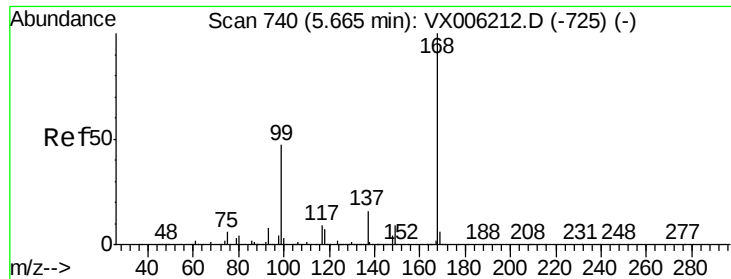
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

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 Quant Title : SW846 8260
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#1

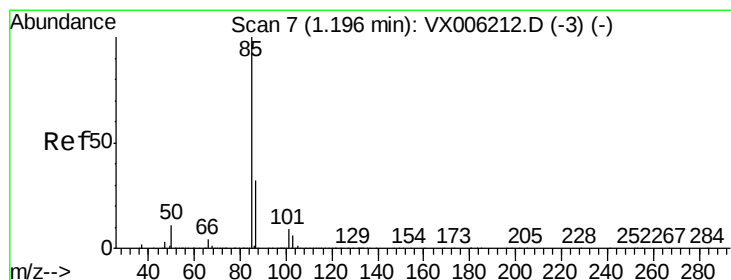
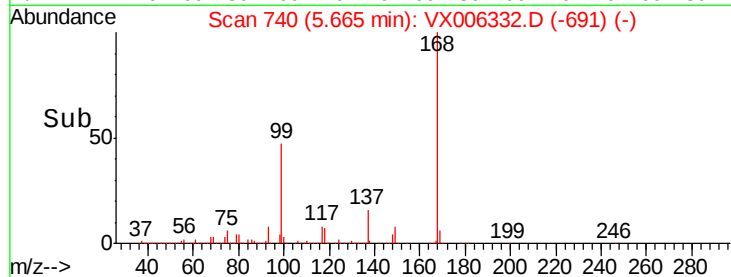
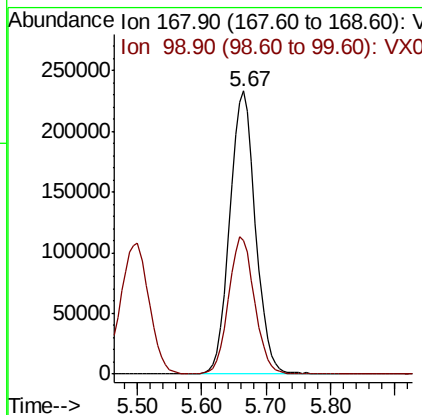
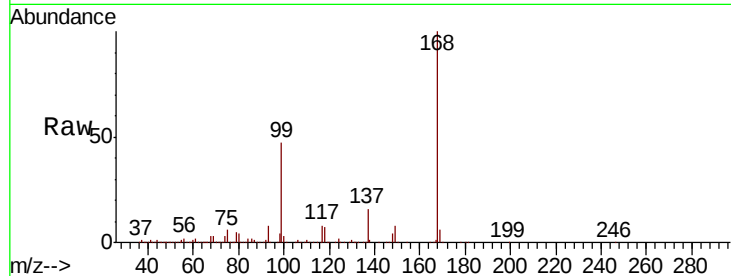
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.9	37.8	56.8

Manual Integrations
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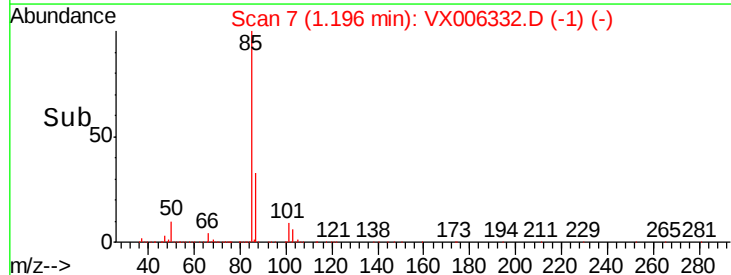
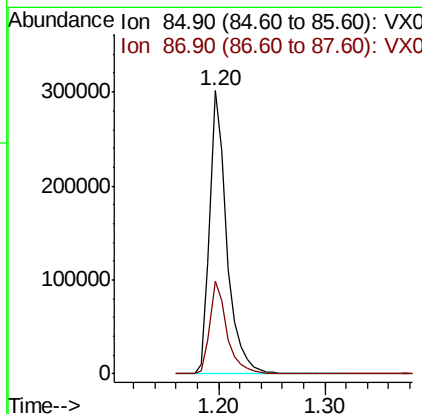
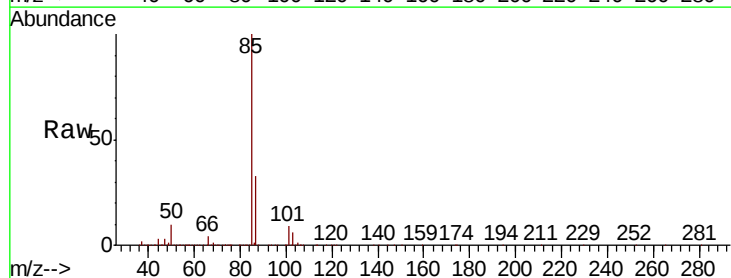
MMDadoda
 12/7/2018 11:19:30 AM

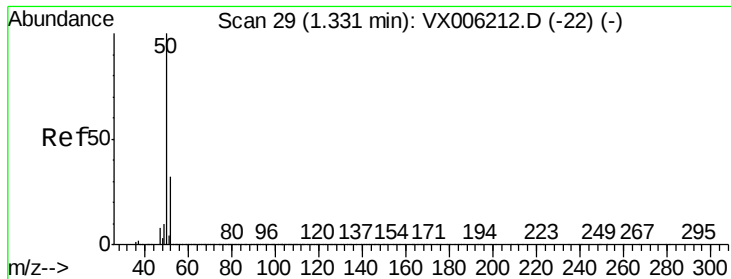


#2

Dichlorodifluoromethane
 Concen: 51.309 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.1	48.2





#3

Chloromethane

Concen: 45.656 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 50 Resp: 299396

Ion Ratio Lower Upper

50 100

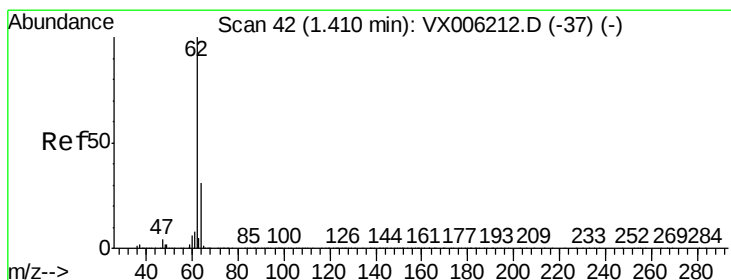
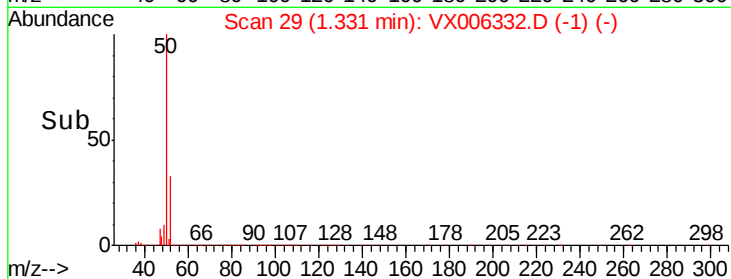
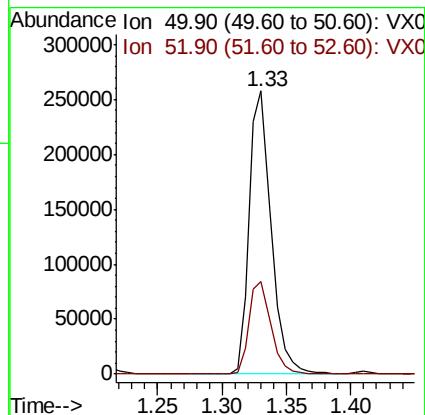
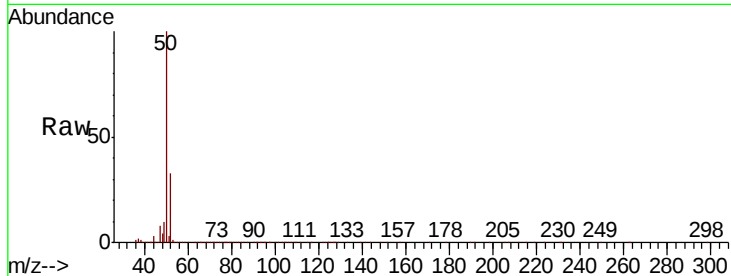
52 32.6 25.2 37.8

Manual Integrations

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12/7/2018 11:19:30 AM



#4

Vinyl Chloride

Concen: 47.825 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006332.D

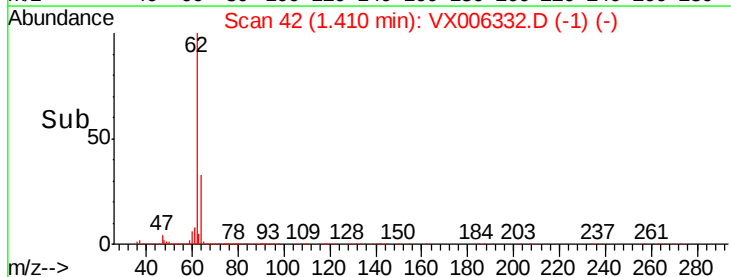
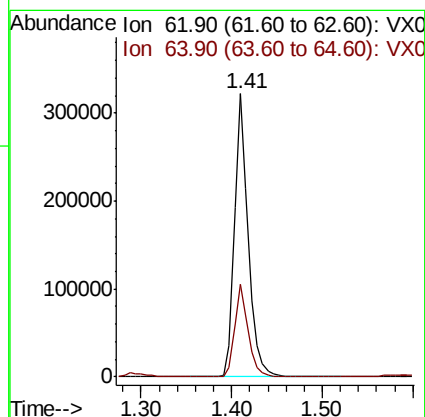
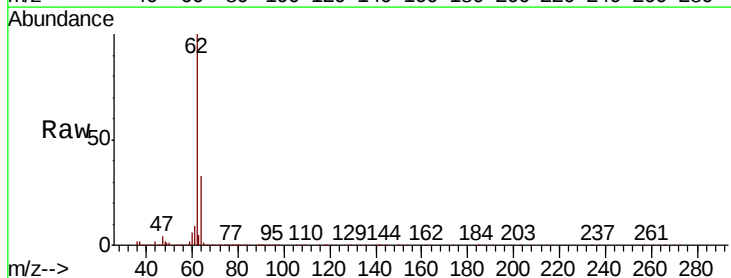
Acq: 06 Dec 2018 21:23

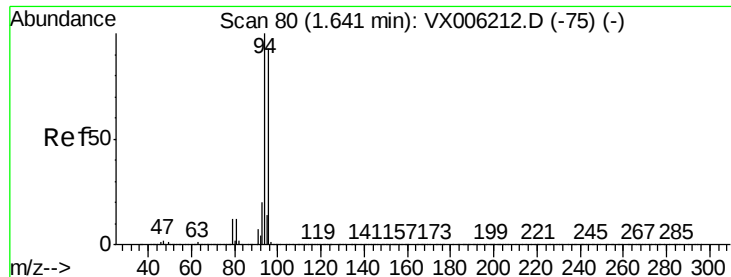
Tgt Ion: 62 Resp: 337534

Ion Ratio Lower Upper

62 100

64 32.5 24.9 37.3





#5

Bromomethane

Concen: 51.779 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

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ClientSampleId :

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Tot Ion: 94 Resp: 253263

Ion Ratio Lower Upper

94 100

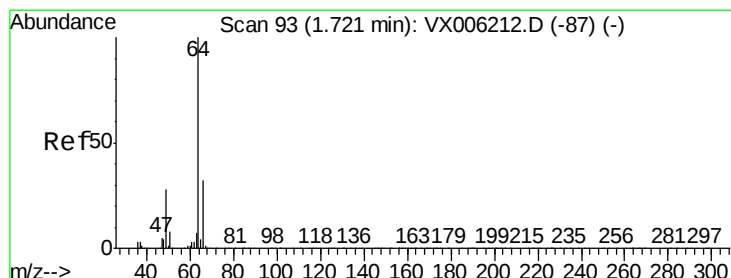
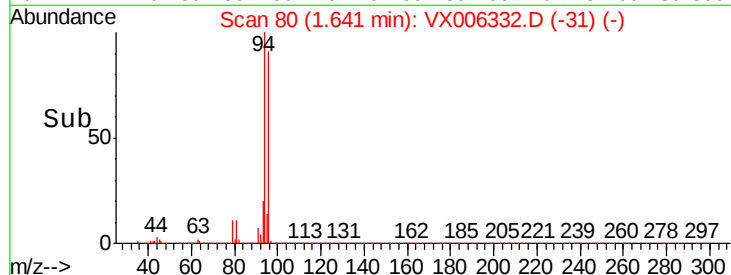
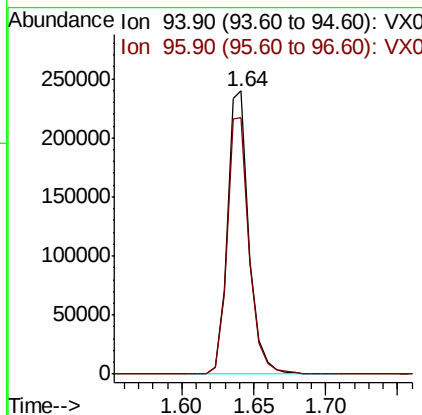
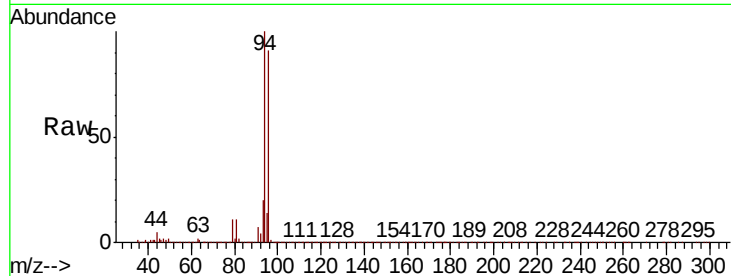
96 90.8 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 48.583 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006332.D

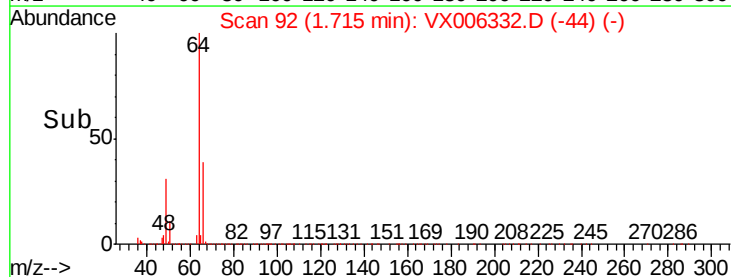
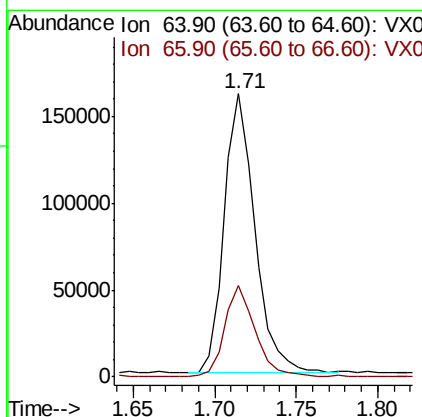
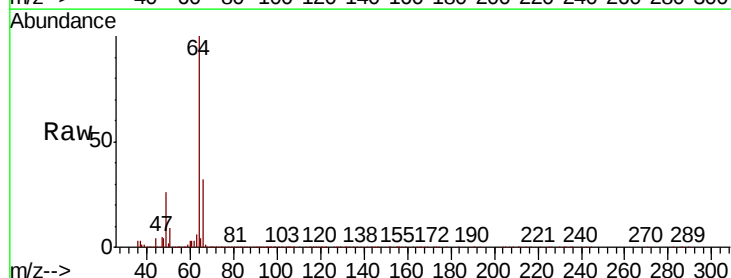
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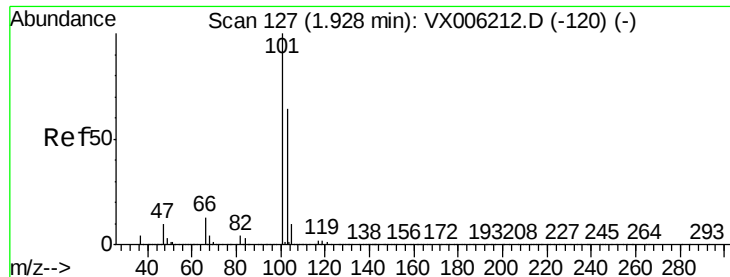
Tgt Ion: 64 Resp: 210232

Ion Ratio Lower Upper

64 100

66 32.5 25.9 38.9





#7

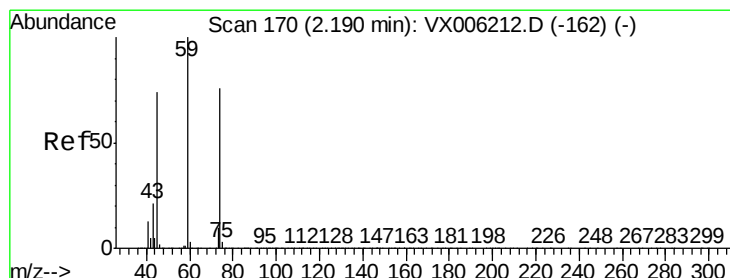
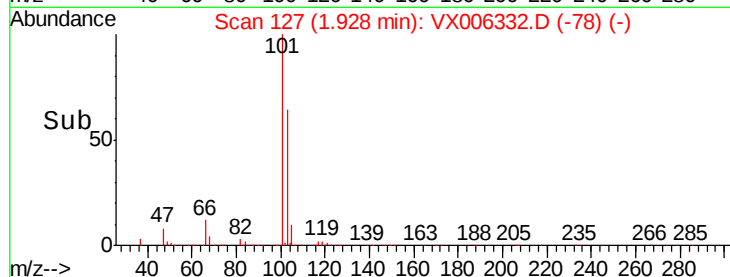
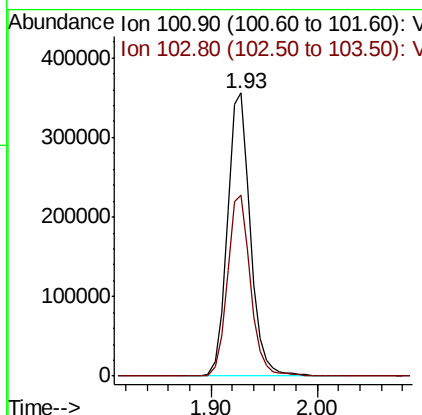
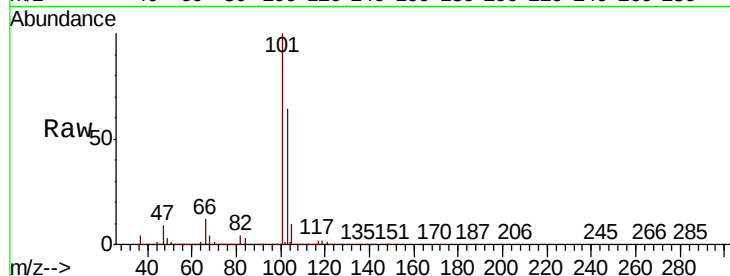
Trichlorofluoromethane
Concen: 49.430 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.4

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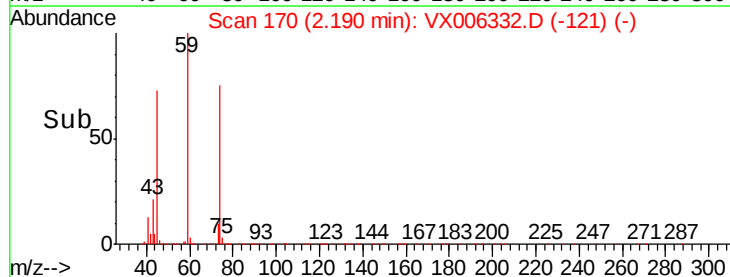
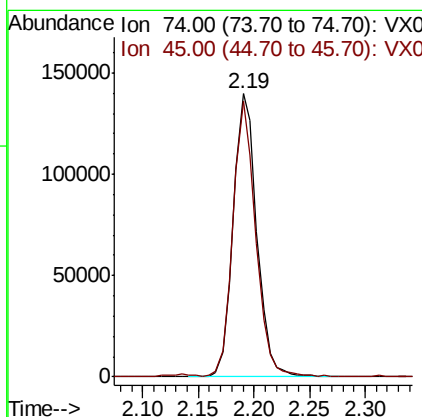
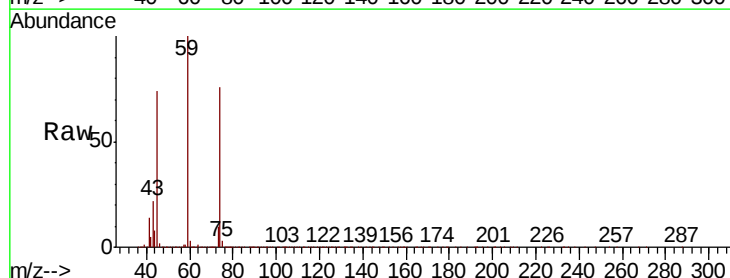
MMDadoda
12/7/2018 11:19:30 AM

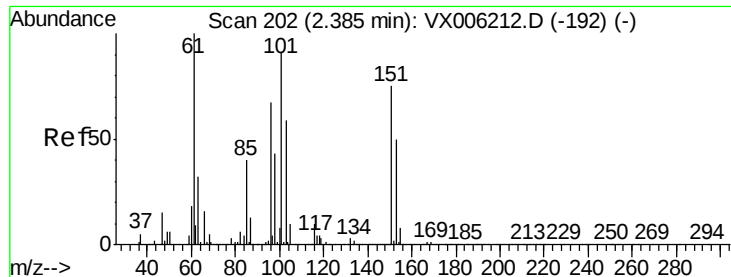


#8

Diethyl Ether
Concen: 49.565 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.477 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

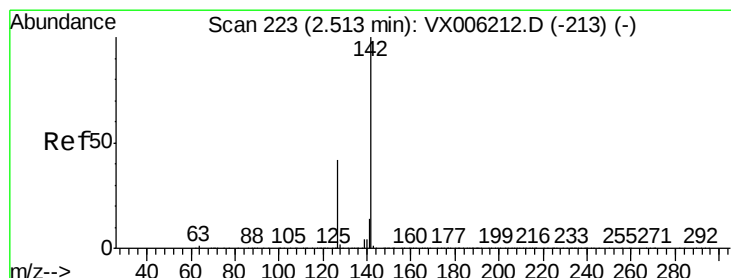
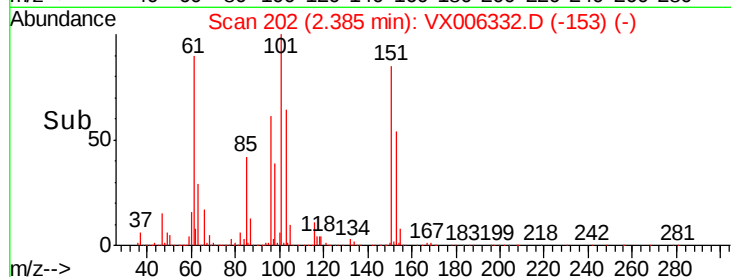
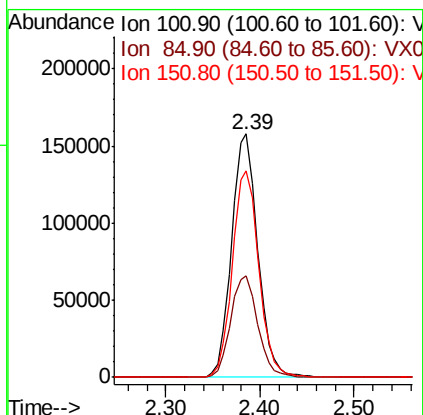
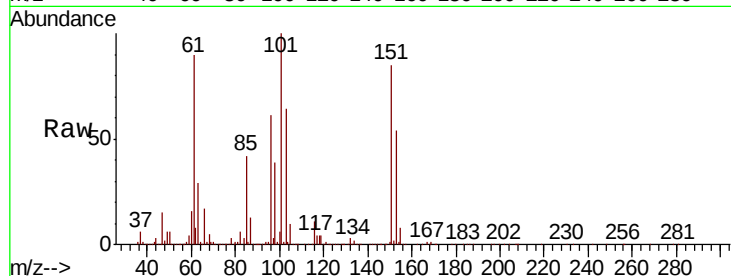
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	101	Resp:	304787
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.5	53.3
151	85.9	68.6	103.0

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#10

Methyl Iodide

Concen: 46.109 ug/l

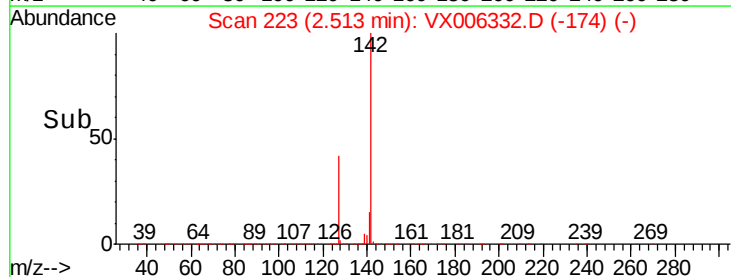
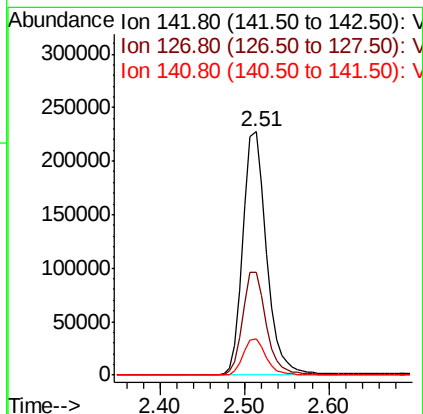
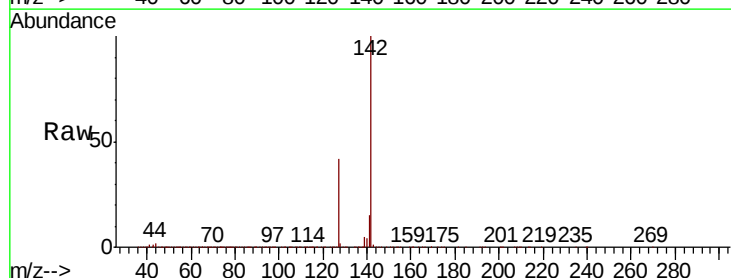
RT: 2.51 min Scan# 223

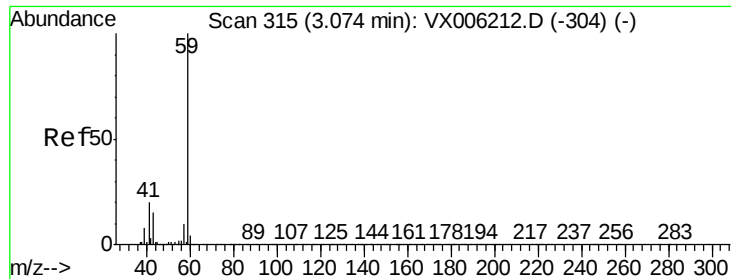
Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion:	142	Resp:	428059
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.8	52.2
141	14.4	11.4	17.2





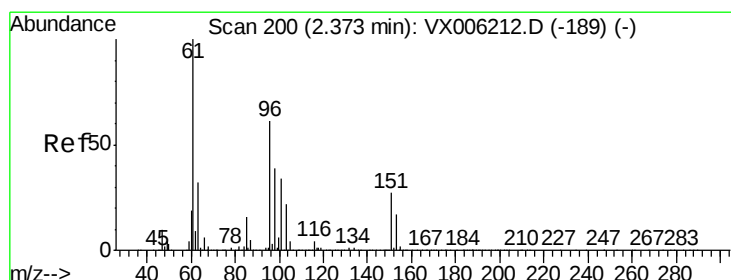
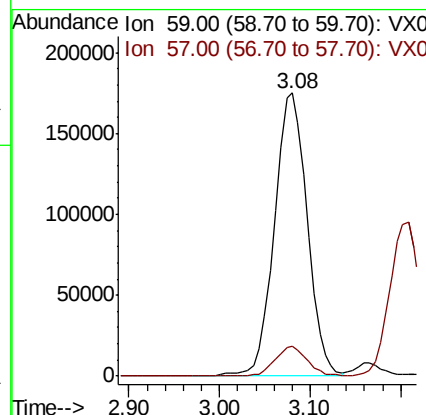
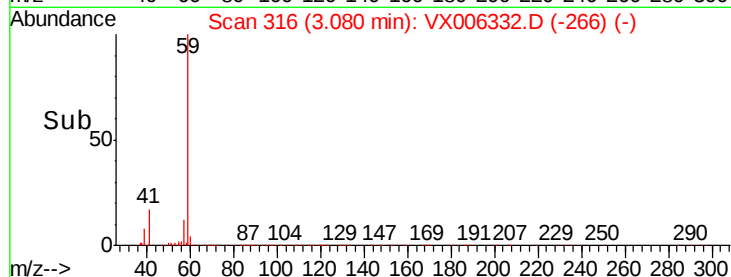
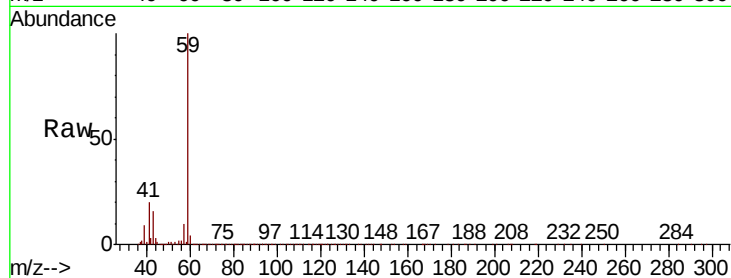
#11
Tert butyl alcohol
Concen: 241.005 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

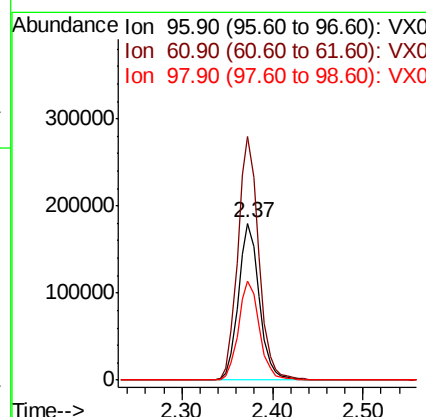
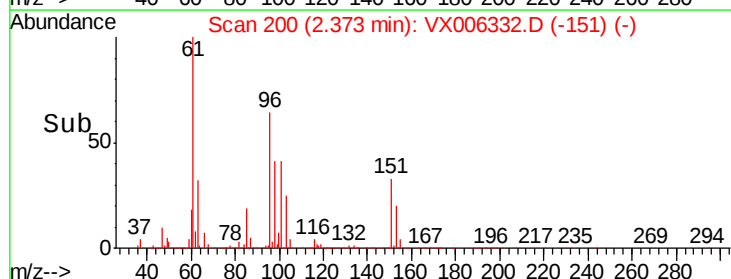
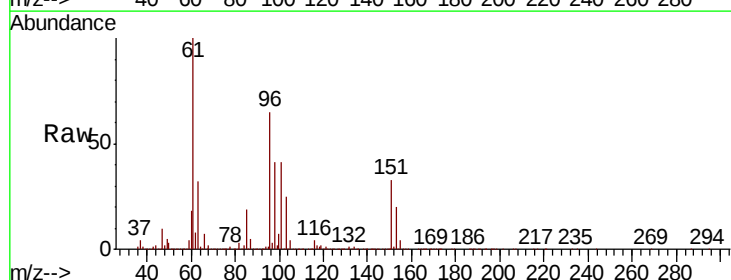
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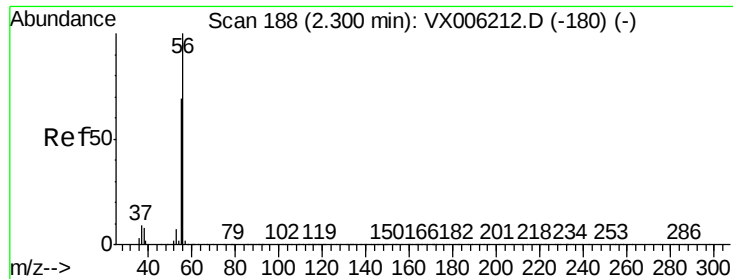
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#12
1,1-Dichloroethene
Concen: 48.559 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	131.7	197.5
98	63.2	51.8	77.6





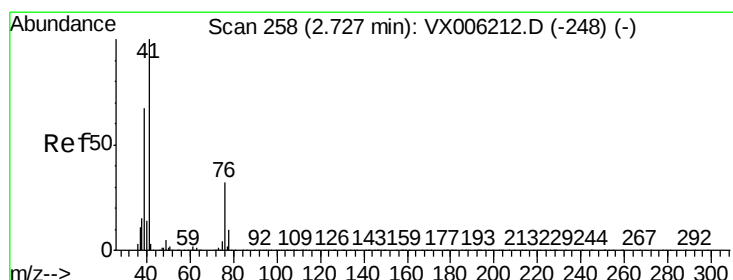
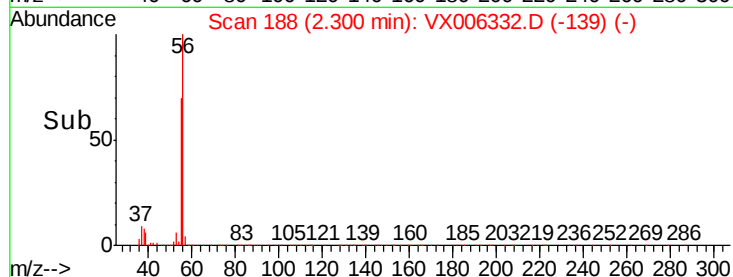
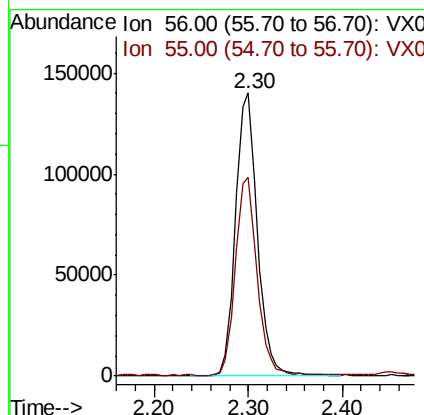
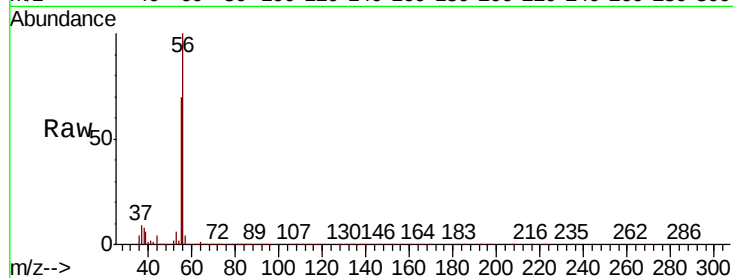
#13
Acrolein
Concen: 226.362 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.9	57.8	86.6

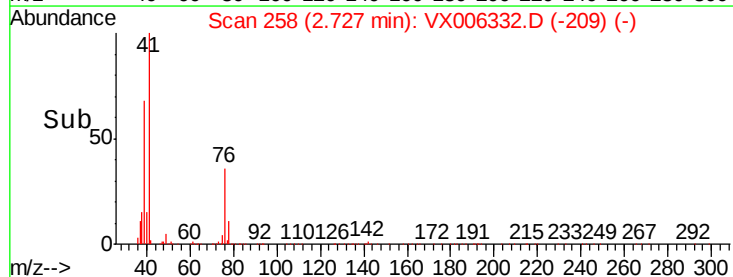
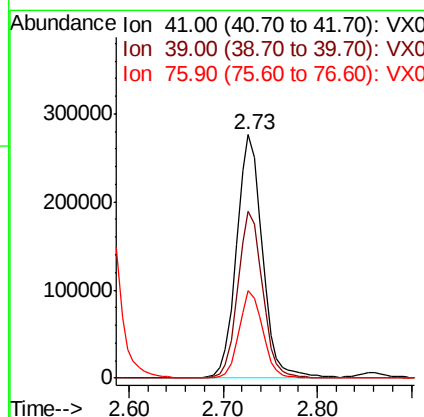
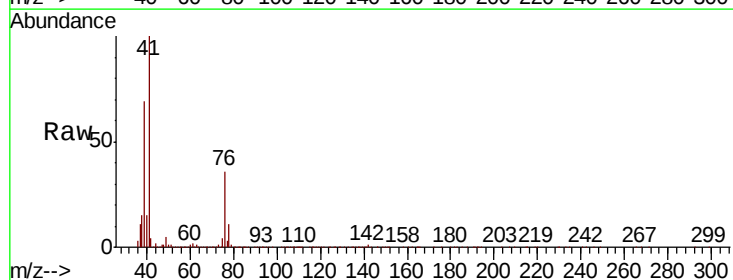
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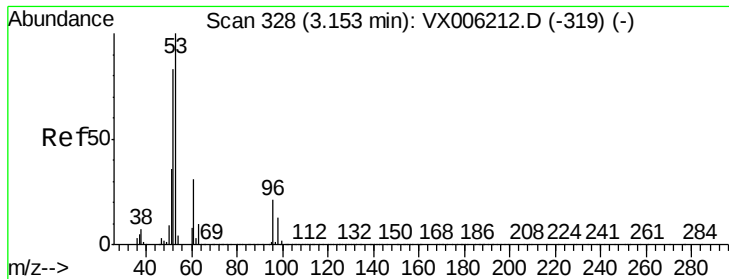
MMDadoda
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#14
Allyl chloride
Concen: 45.098 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.6	52.4	78.6
76	76	32.9	25.4	38.0





#15

Acrylonitrile

Concen: 242.929 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

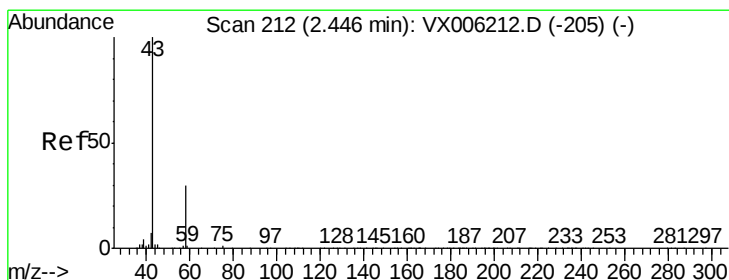
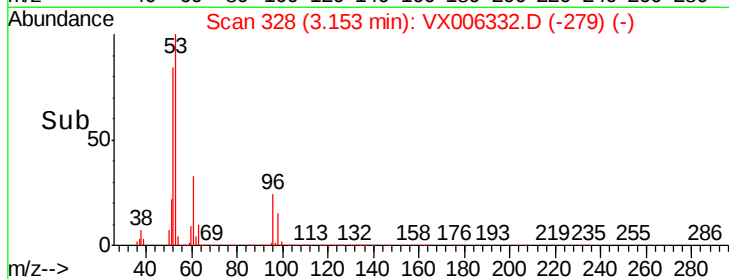
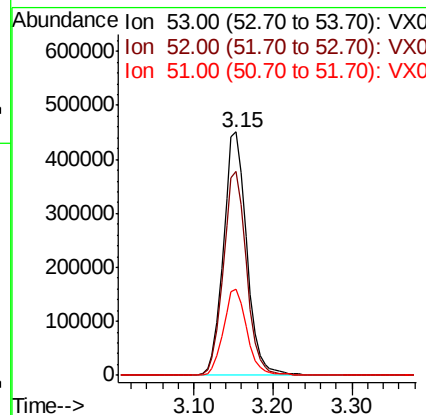
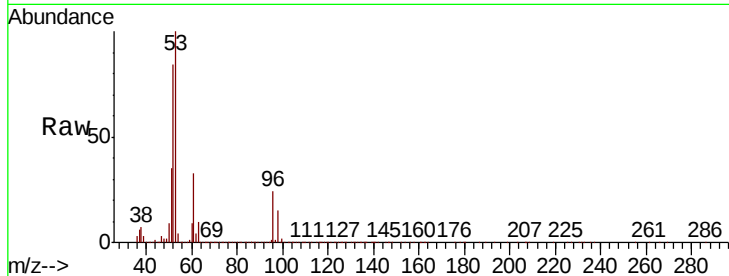
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	53	Resp:	922342
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.2	99.4
51	35.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 242.899 ug/l

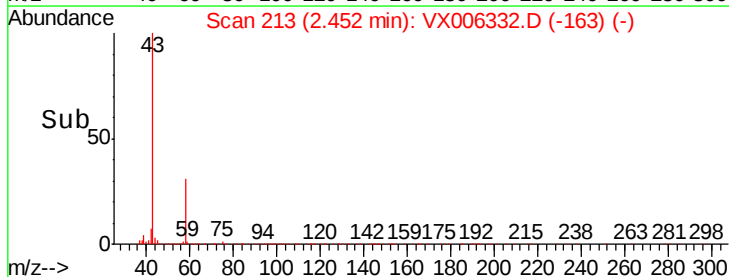
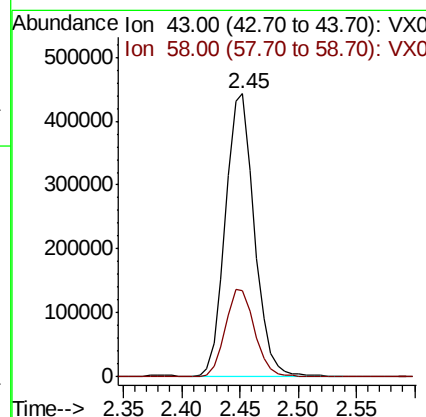
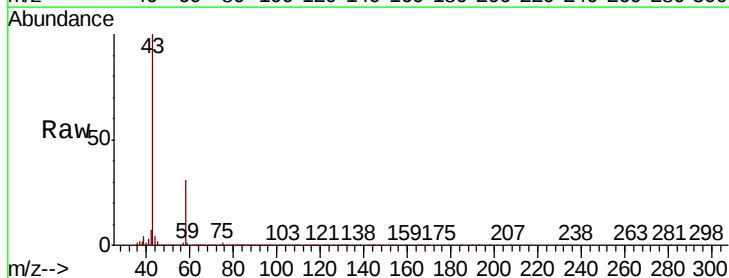
RT: 2.45 min Scan# 213

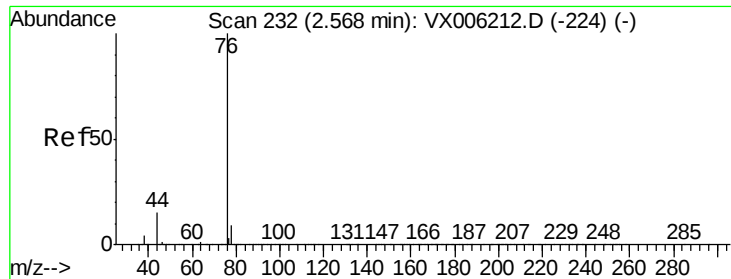
Delta R.T. 0.01 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion:	43	Resp:	758383
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.0	36.0





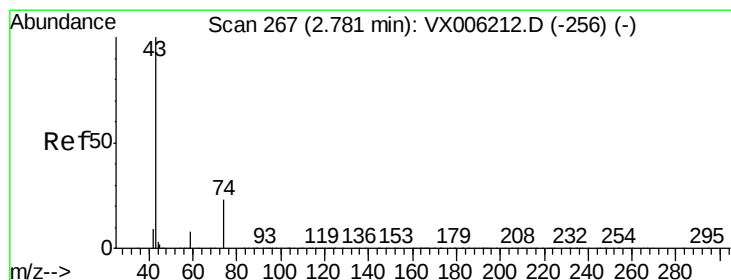
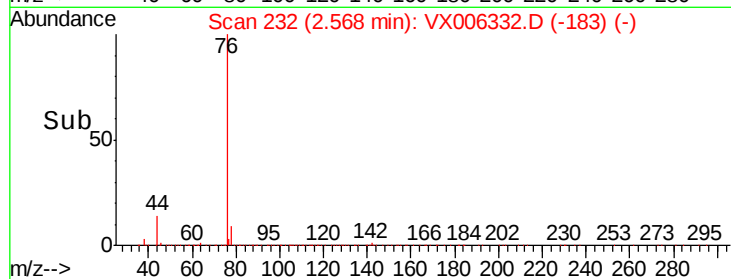
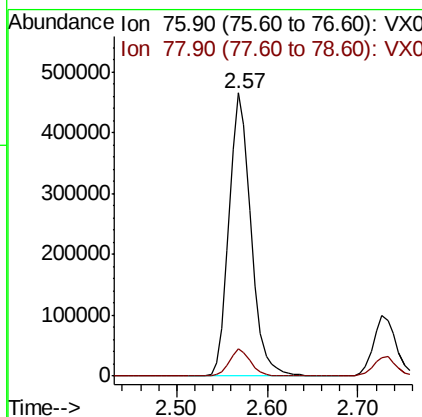
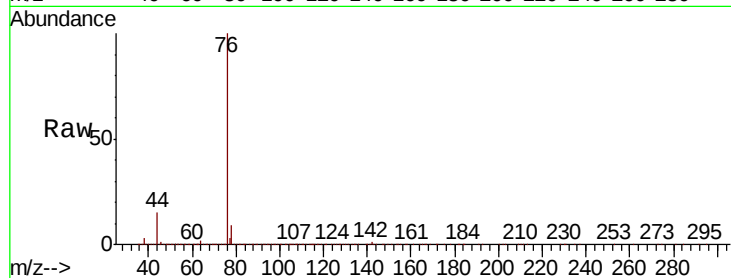
#17
Carbon Disulfide
Concen: 43.126 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

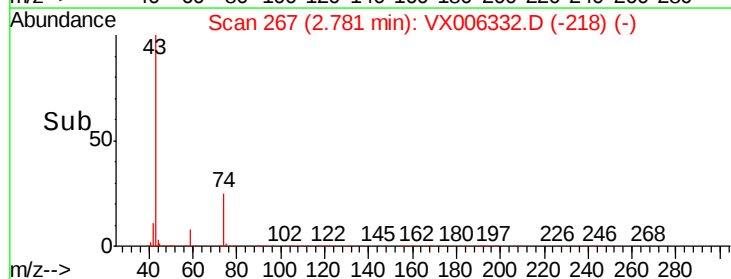
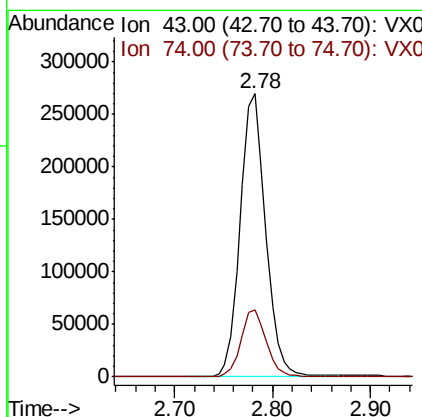
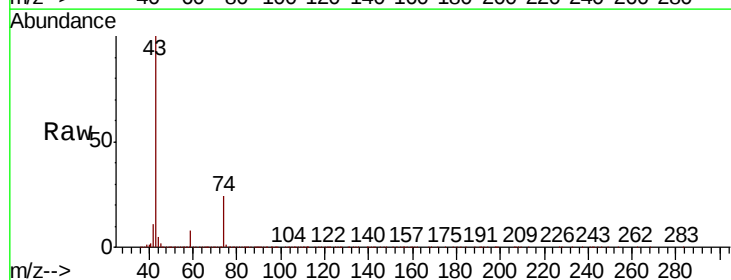
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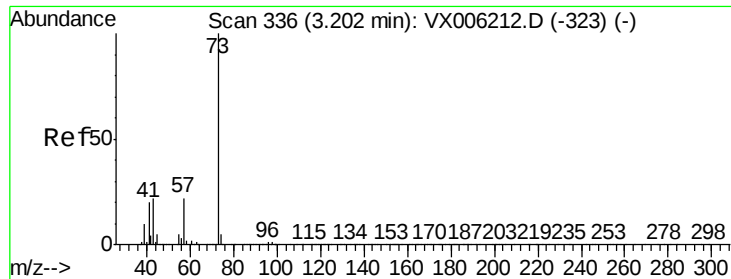
MMDadoda
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#18
Methyl Acetate
Concen: 46.568 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	17.9	26.9





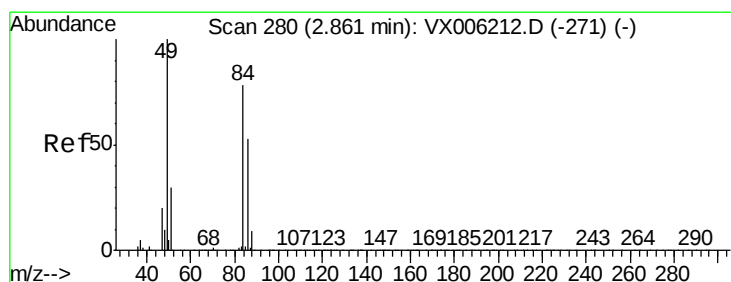
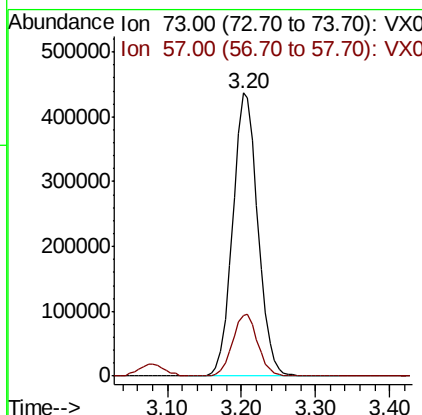
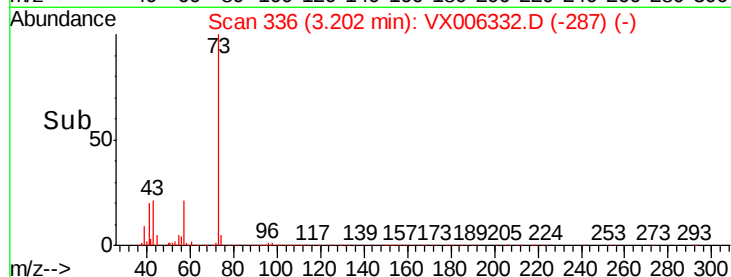
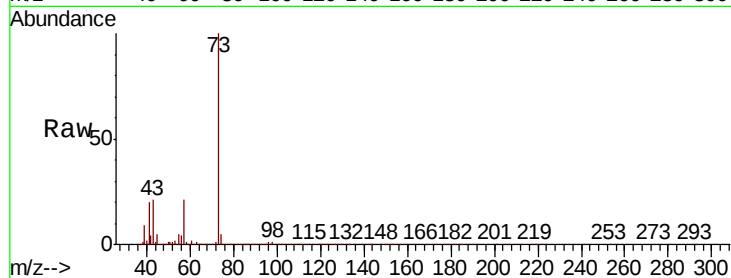
#19
Methvl tert-butvl Ether
Concen: 49.125 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion: 73 Resp: 1033462
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3

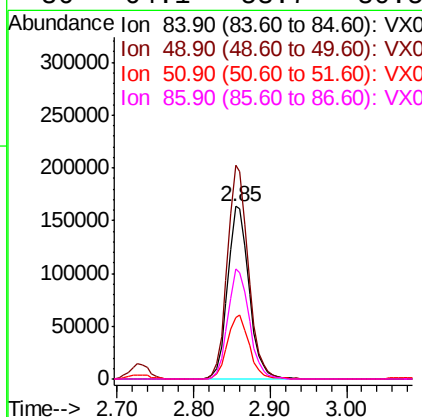
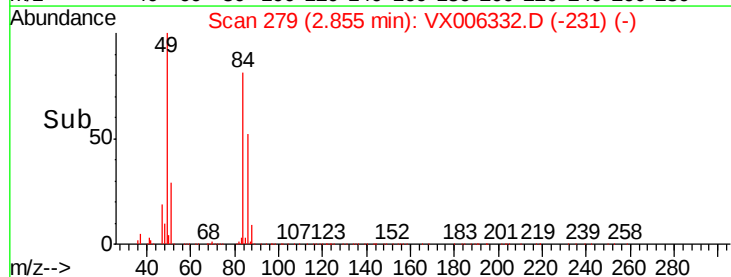
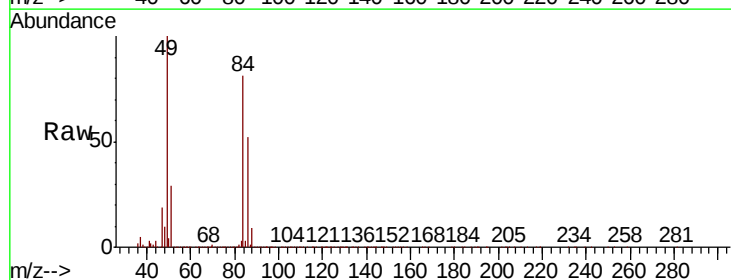
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#20
Methylene Chloride
Concen: 47.694 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion: 84 Resp: 316919
Ion Ratio Lower Upper
84 100
49 123.7 102.2 153.4
51 35.6 31.1 46.7
86 64.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 47.952 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

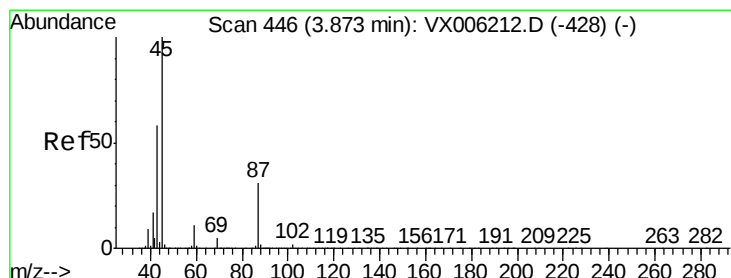
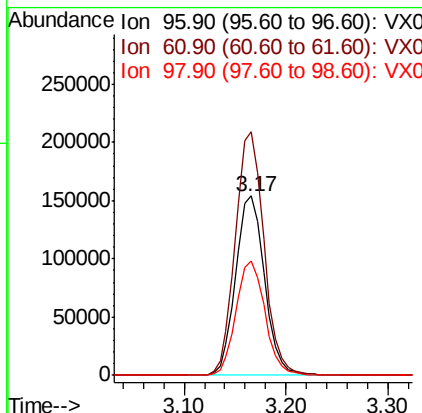
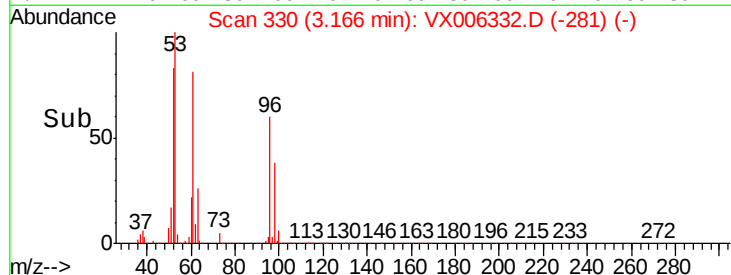
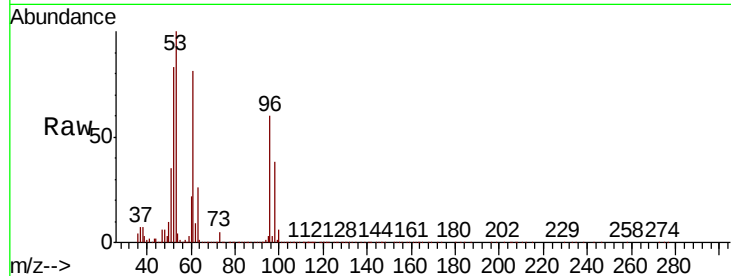
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	96	Resp:	301351
Ion Ratio	Lower	Upper	
96	100		
61	135.9	113.3	169.9
98	63.5	53.2	79.8

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#22

Diisopropyl ether

Concen: 49.699 ug/l

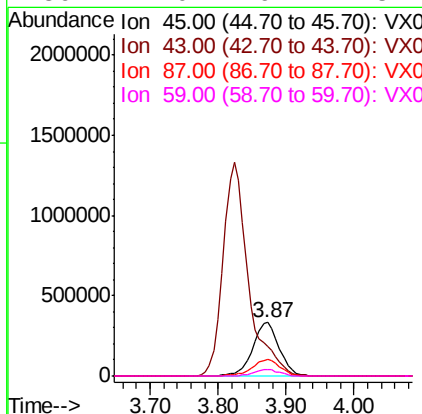
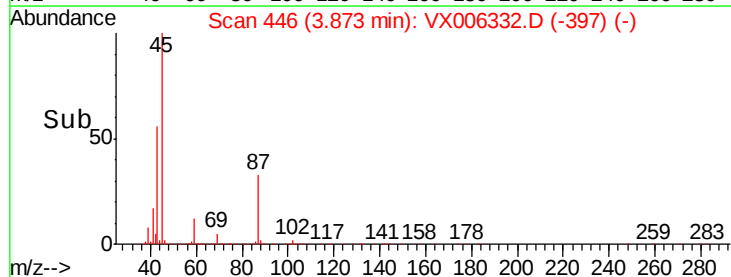
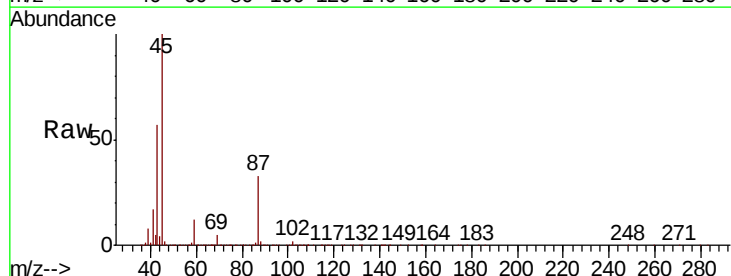
RT: 3.87 min Scan# 446

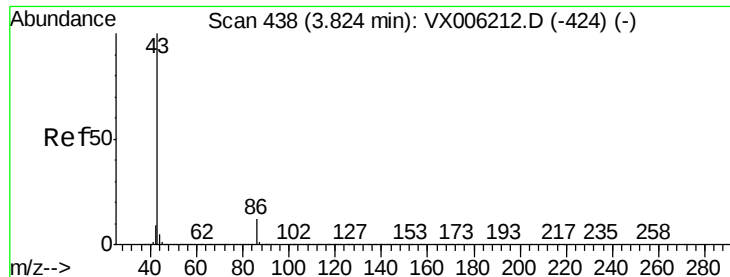
Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion:	45	Resp:	904313
Ion Ratio	Lower	Upper	
45	100		
43	56.5	46.2	69.2
87	32.5	24.9	37.3
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 223.076 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 43 Resp: 3462002

Ion Ratio Lower Upper

43 100

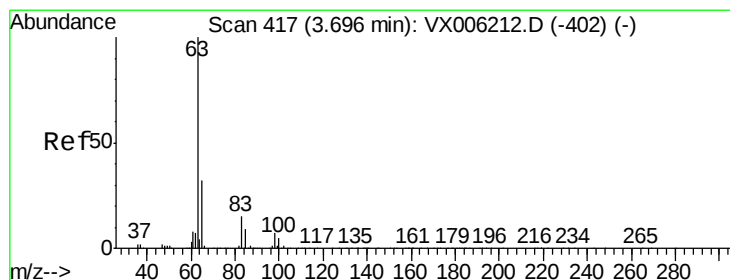
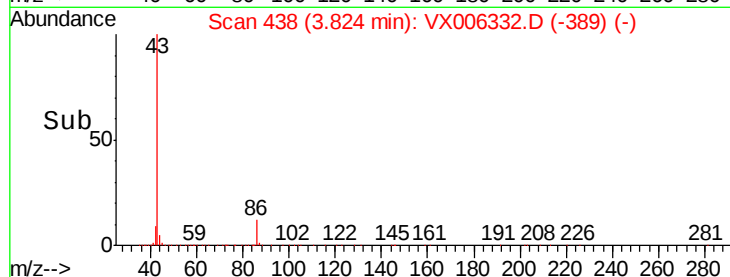
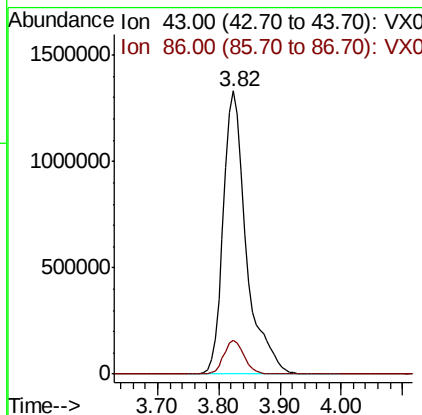
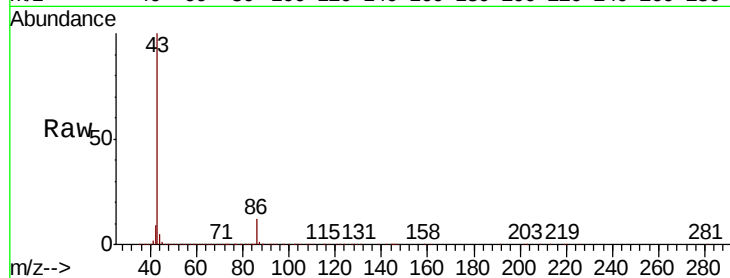
86 11.7 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.039 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

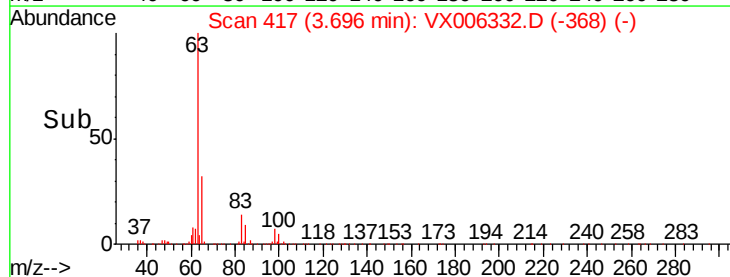
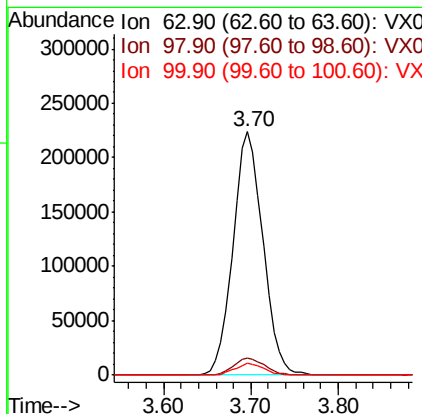
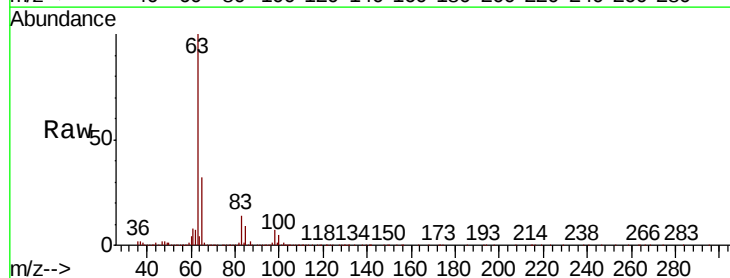
Tgt Ion: 63 Resp: 530814

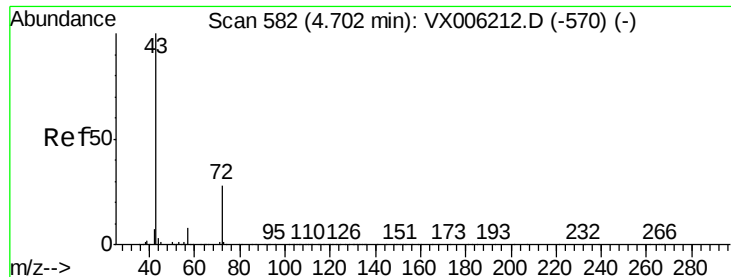
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 250.319 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 43 Resp: 1115161

Ion Ratio Lower Upper

43 100

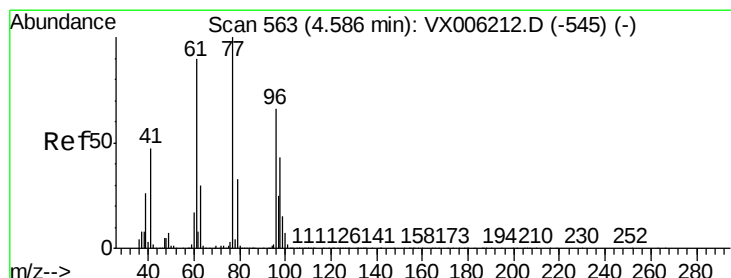
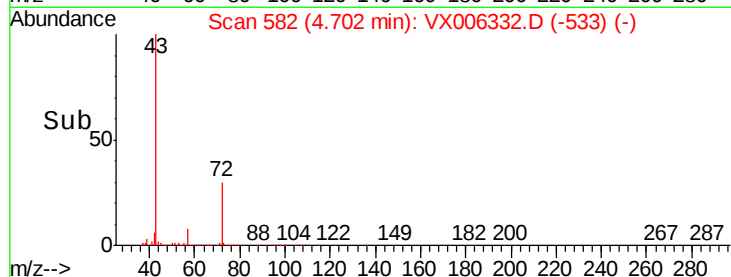
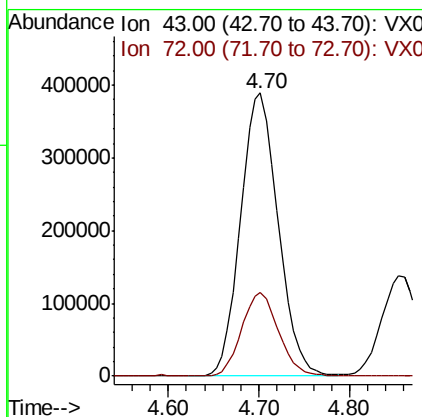
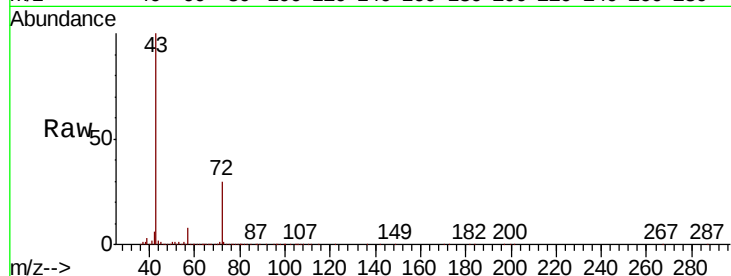
72 29.6 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.375 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006332.D

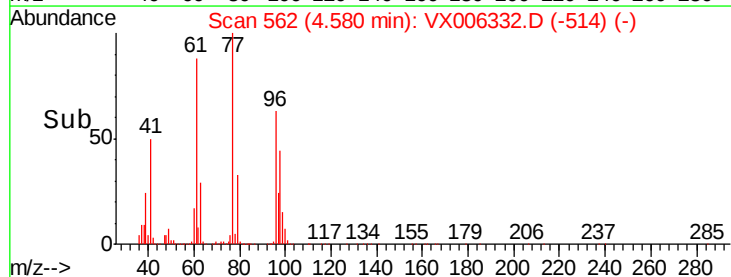
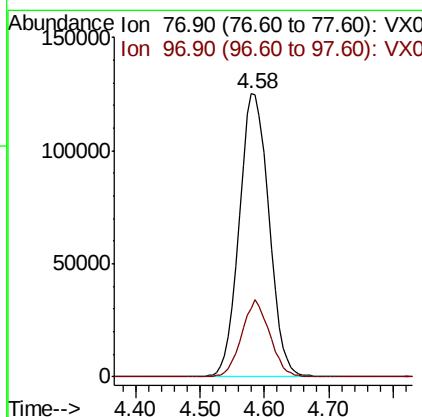
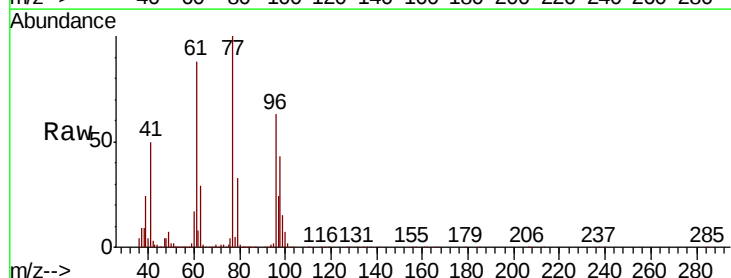
Acq: 06 Dec 2018 21:23

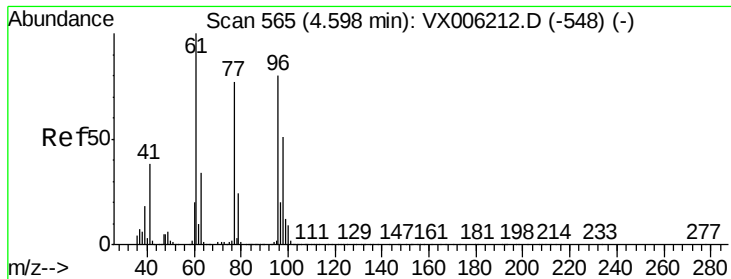
Tgt Ion: 77 Resp: 397125

Ion Ratio Lower Upper

77 100

97 25.8 12.3 36.8





#27

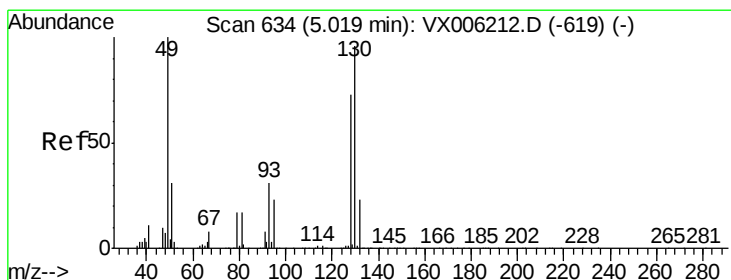
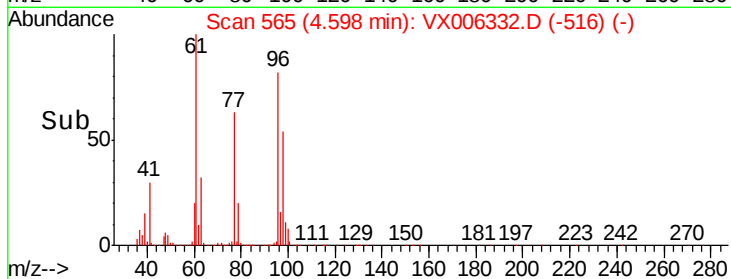
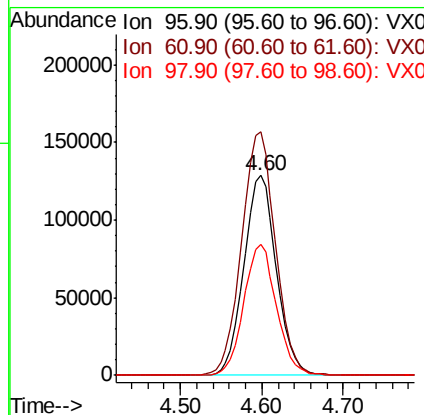
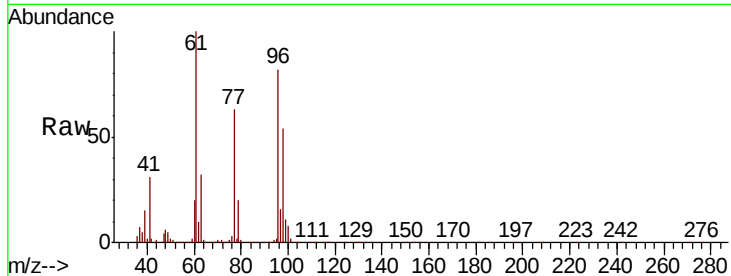
cis-1,2-Dichloroethene
Concen: 50.957 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	357206		
61	126.8		0.0	265.0
98	65.6		0.0	130.2

Manual Integrations
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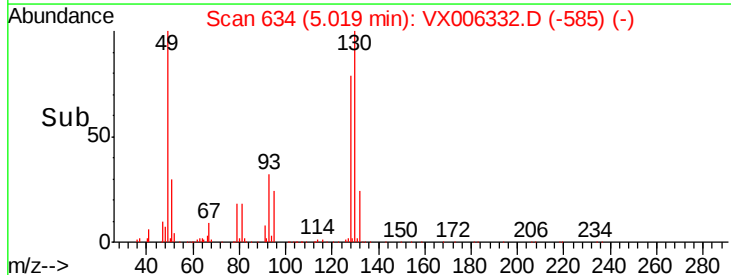
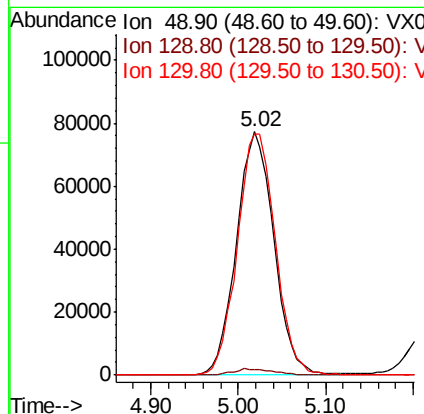
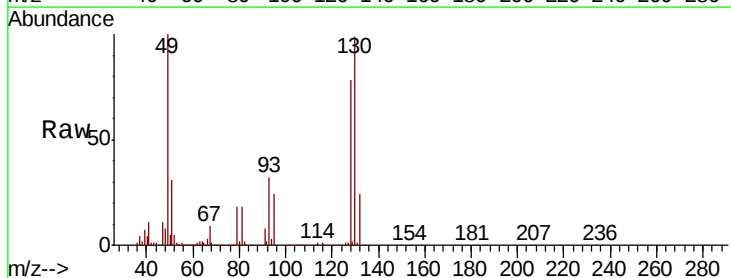
MMDadoda
12/7/2018 11:19:30 AM

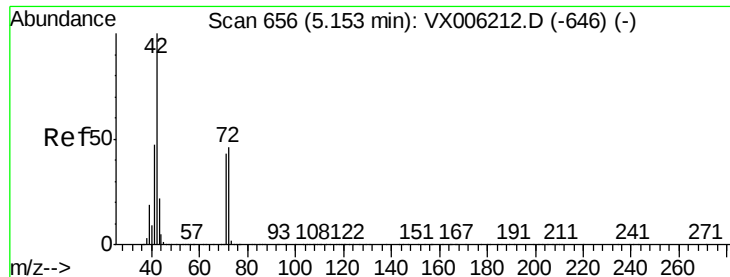


#28

Bromochloromethane
Concen: 50.595 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	229841		
129	2.8		0.0	5.0
130	100.7		78.3	117.5





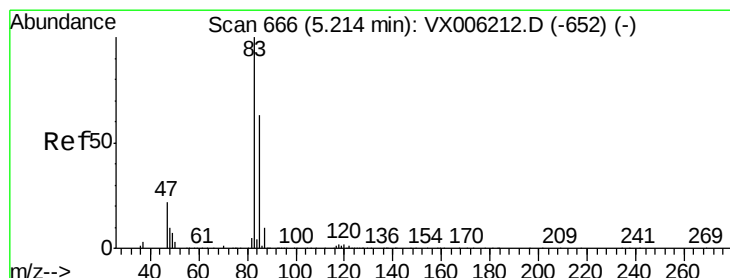
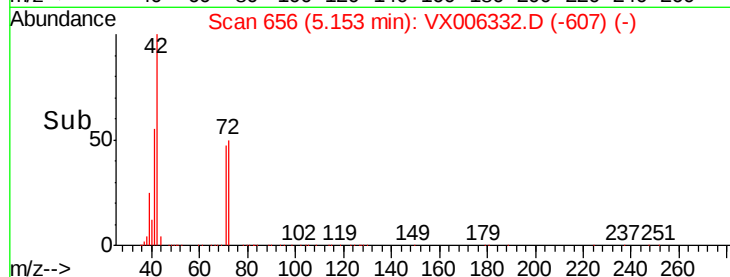
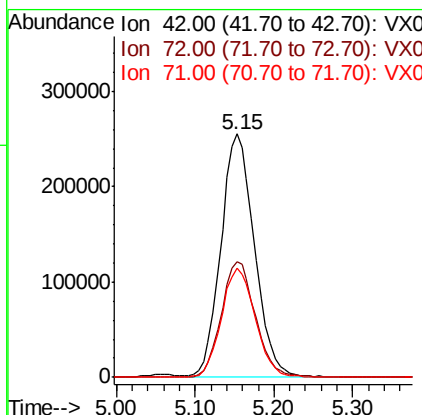
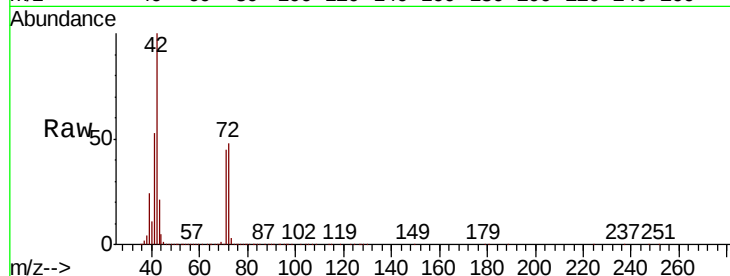
#29
Tetrahydrofuran
Concen: 243.755 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	37.8	56.8
71	45.4	35.2	52.8

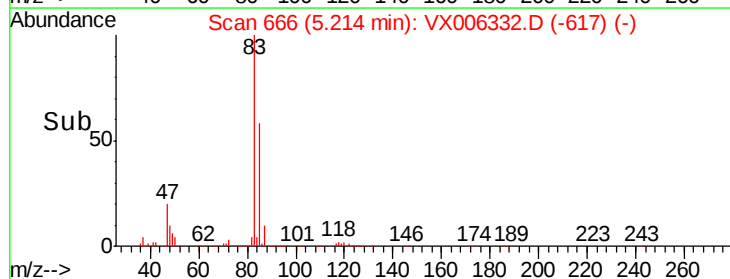
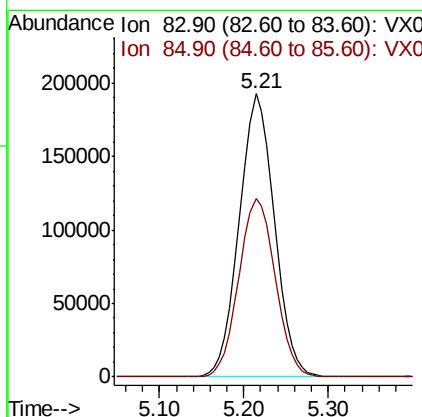
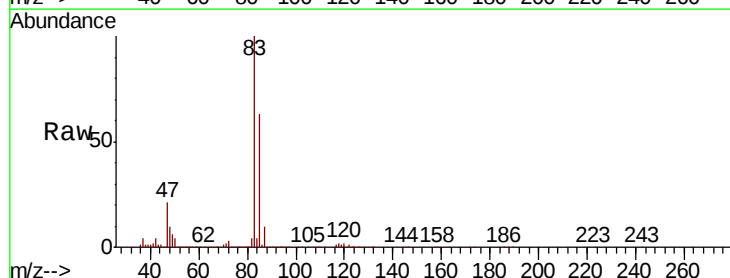
Manual Integrations
APPROVED

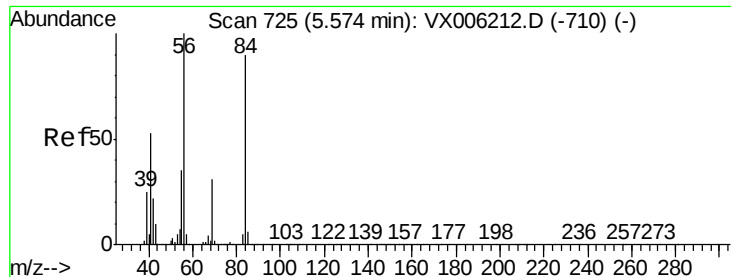
MMDadoda
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#30
Chloroform
Concen: 49.840 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





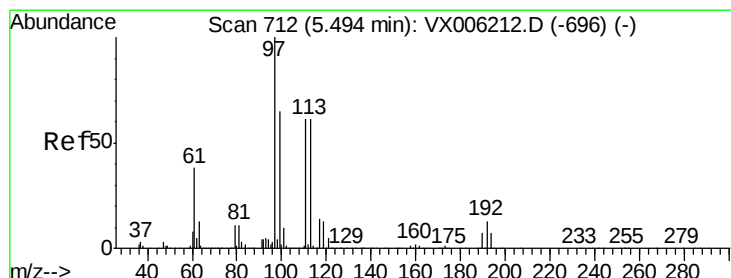
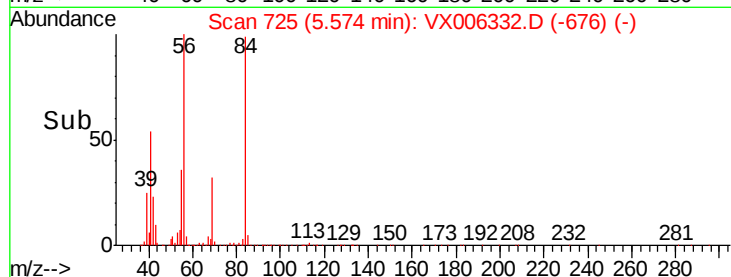
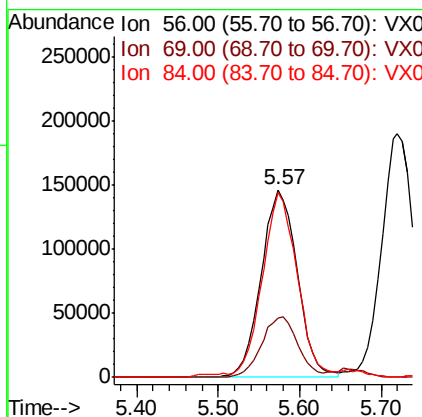
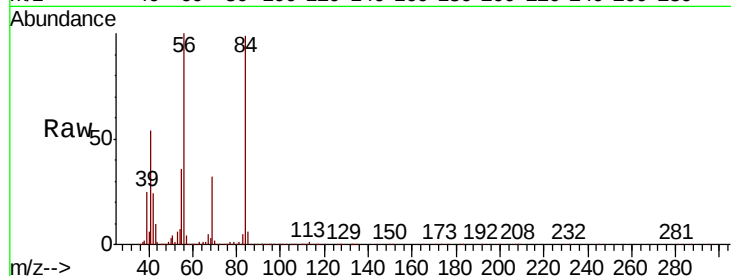
#31
Cyclohexane
Concen: 46.623 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.5	36.7
84	98.3	71.8	107.6

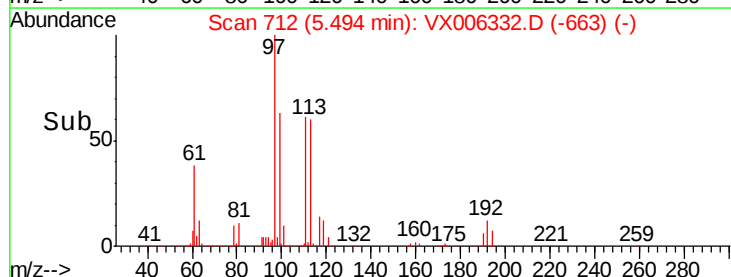
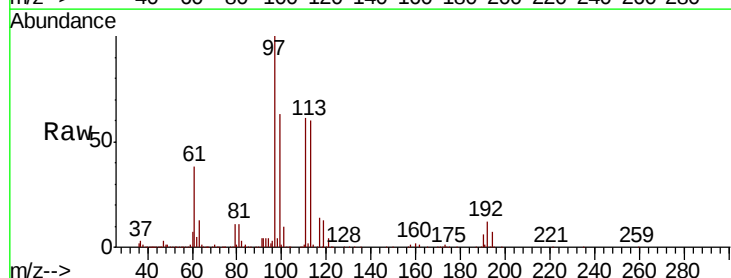
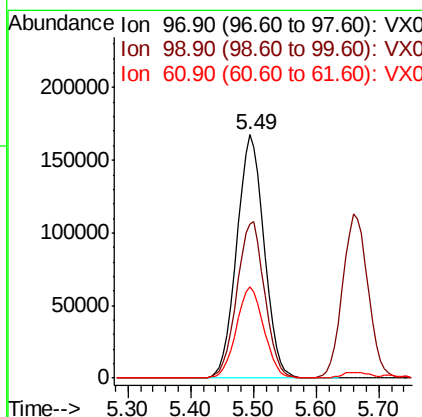
Manual Integrations
APPROVED

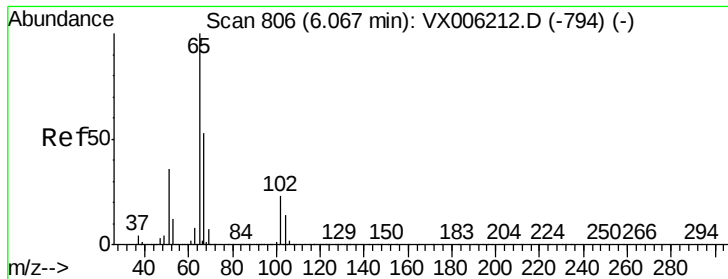
MMDadoda
12/7/2018 11:19:30 AM



#32
1,1,1-Trichloroethane
Concen: 48.631 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	37.9	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 48.721 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 65 Resp: 324145

Ion Ratio Lower Upper

65 100

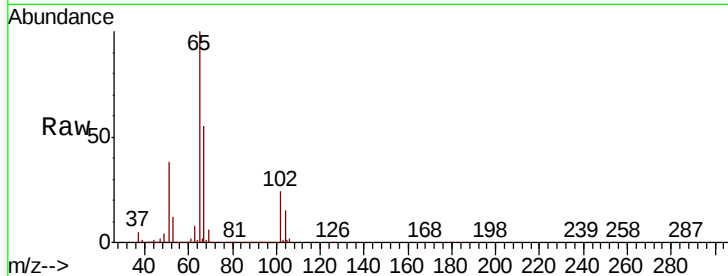
67 53.7 0.0 107.2

Manual Integrations

APPROVED

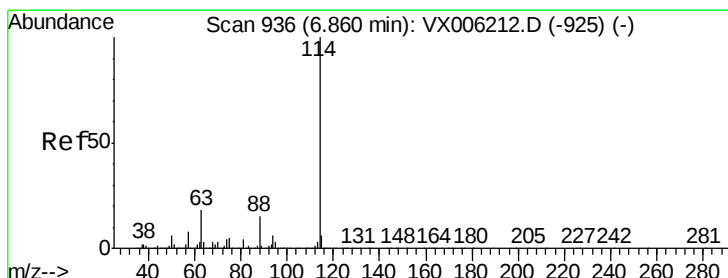
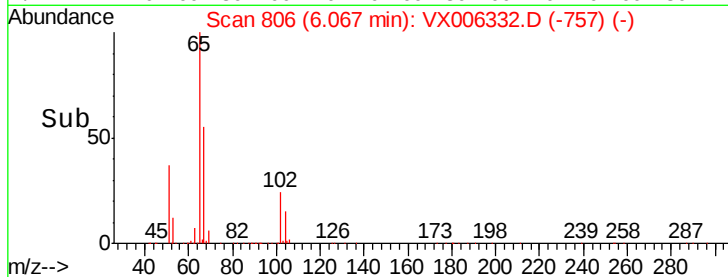
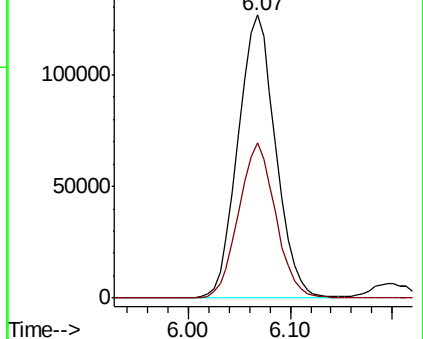
MMDadoda

12/7/2018 11:19:30 AM



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: VX006332.D

Acq: 06 Dec 2018 21:23

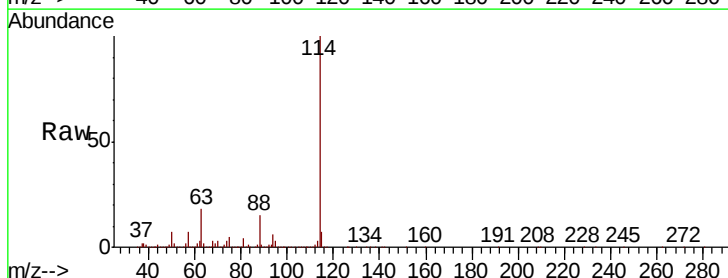
Tgt Ion: 114 Resp: 976547

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

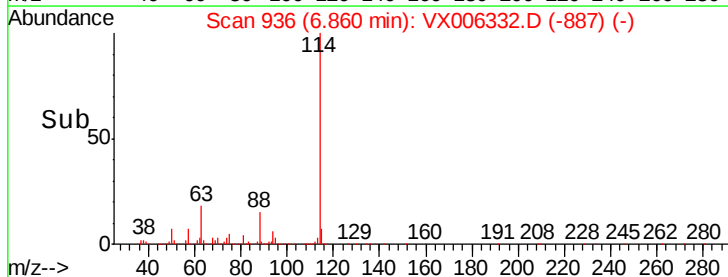
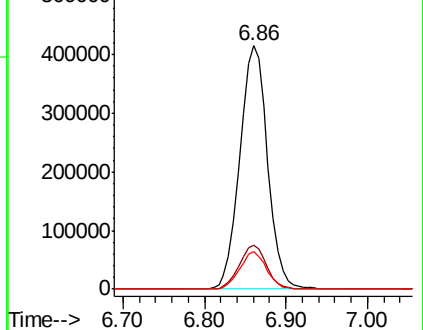
88 15.2 0.0 29.0

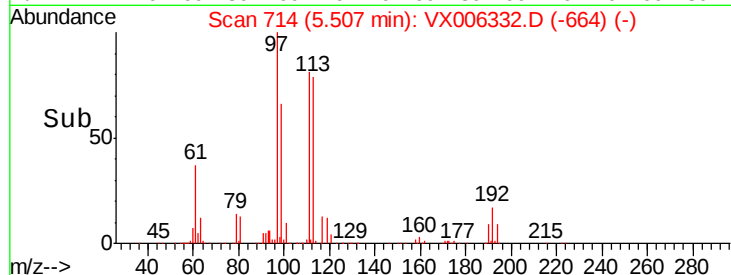
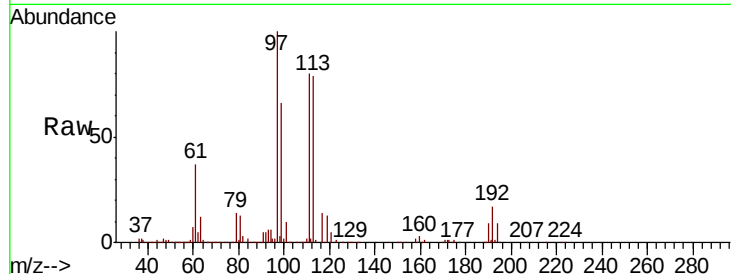


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





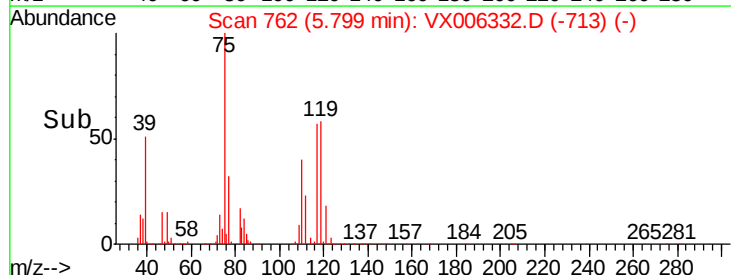
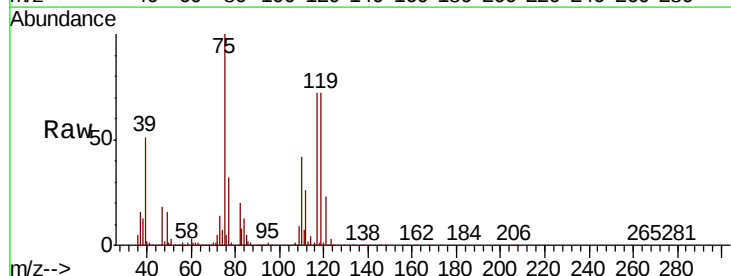
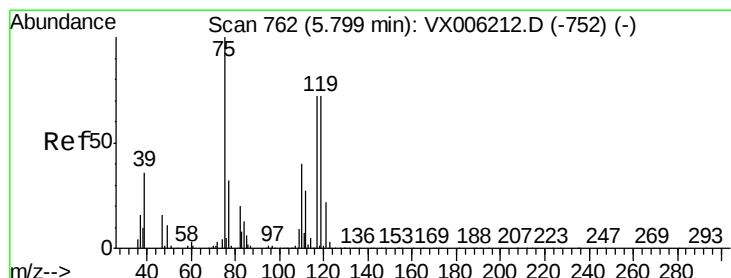
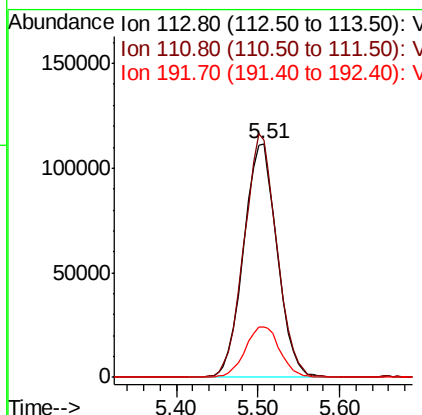
#35
Dibromofluoromethane
Concen: 50.448 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tot Ion	Ratio	Resp	Lower	Upper
113	100	318969		
111	102.1	81.1	121.7	
192	22.3	18.2	27.2	

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

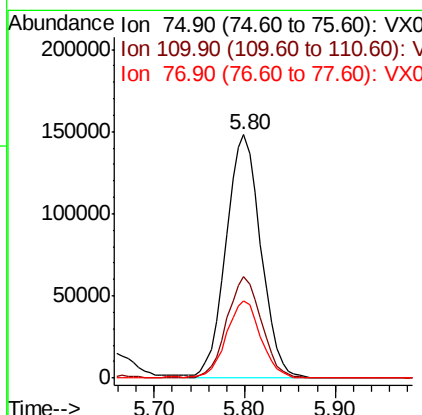
Manual Integrations
APPROVED

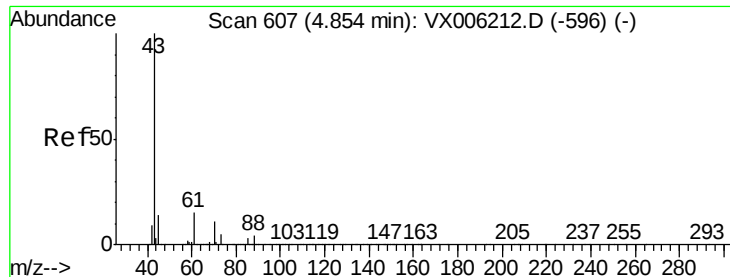
MMDadoda
12/7/2018 11:19:30 AM



#36
1,1-Dichloropropene
Concen: 47.766 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	392804		
110	41.6	20.4	61.3	
77	31.2	24.9	37.3	





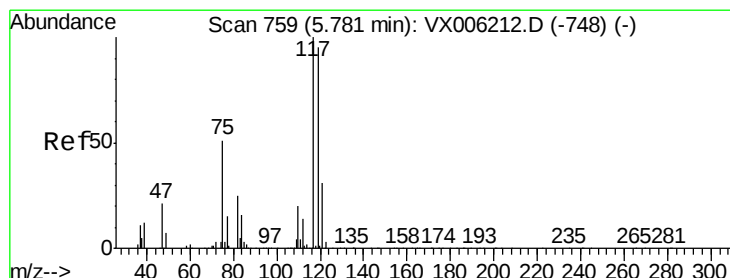
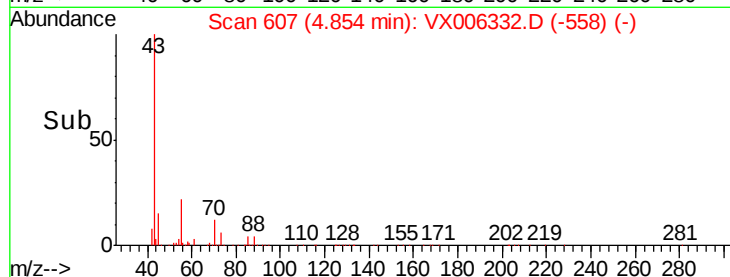
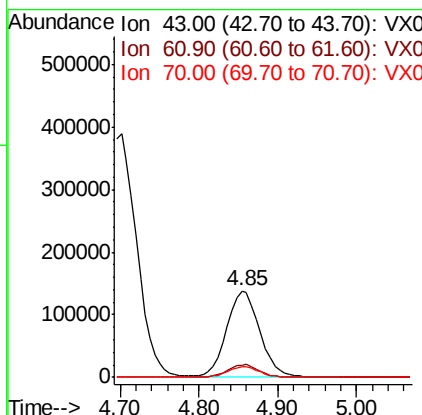
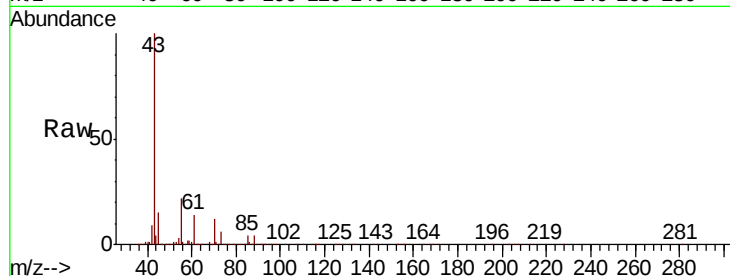
#37
Ethyl Acetate
Concen: 43.704 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	43	Resp	402486
Ion Ratio	100	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	12.0	9.0	13.6

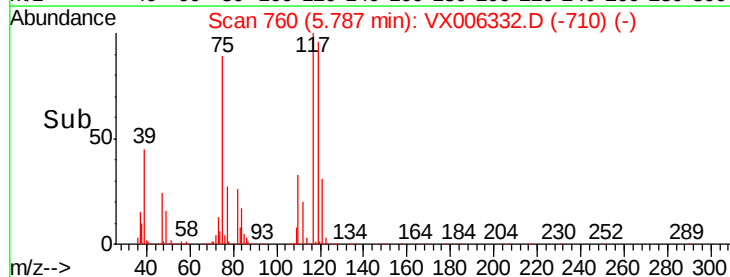
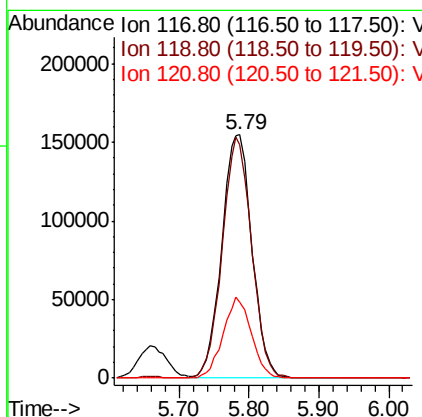
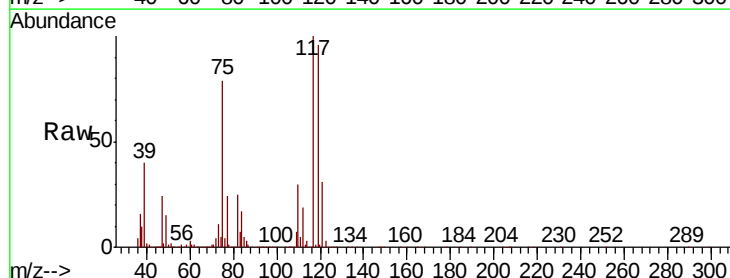
Manual Integrations
APPROVED

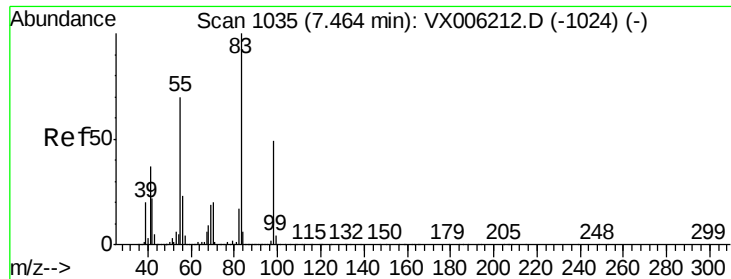
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#38
Carbon Tetrachloride
Concen: 47.772 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	117	Resp	462161
Ion Ratio	100	Lower	Upper
117	100		
119	95.8	75.8	113.8
121	31.1	24.6	37.0





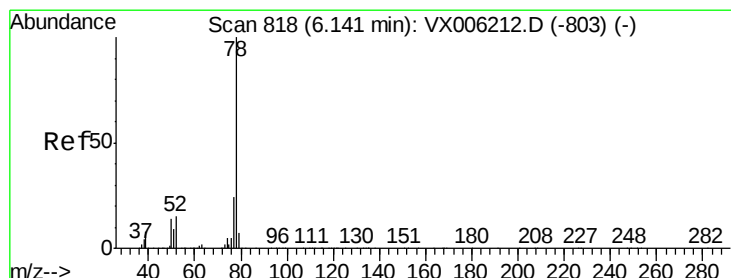
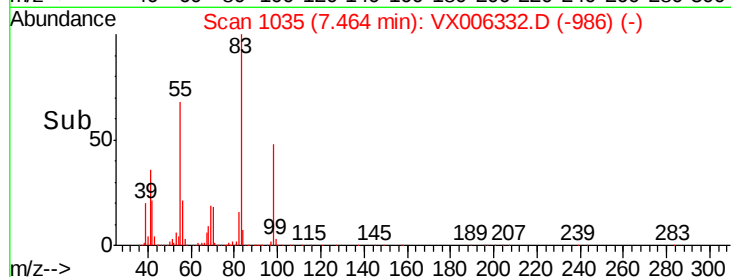
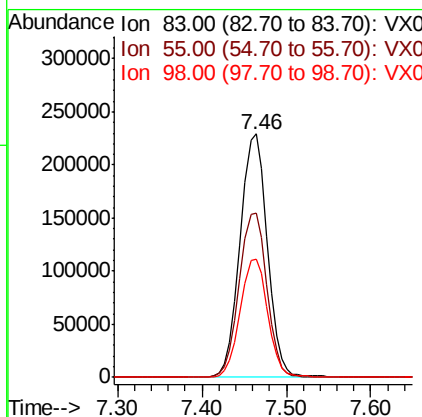
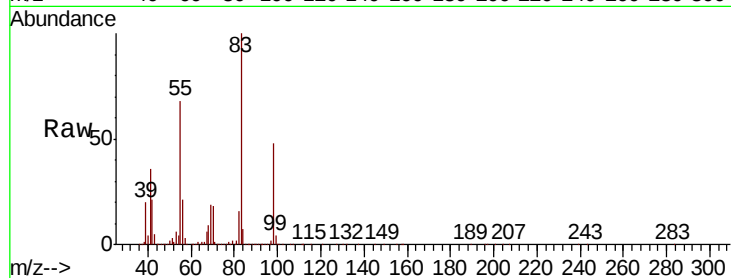
#39
Methvlcvclohexane
Concen: 47.046 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	56.4	84.6
98	48.5	39.0	58.6

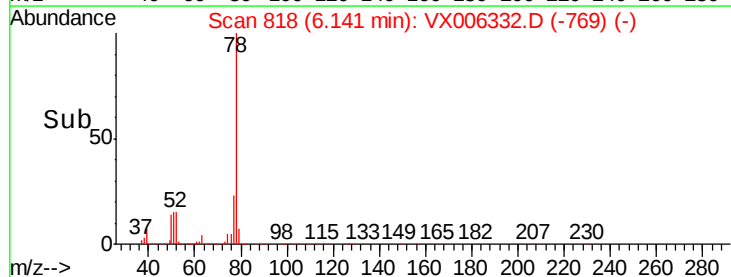
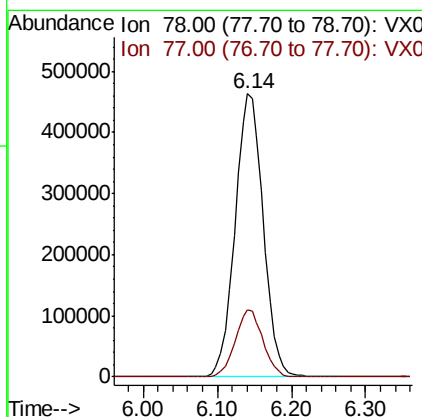
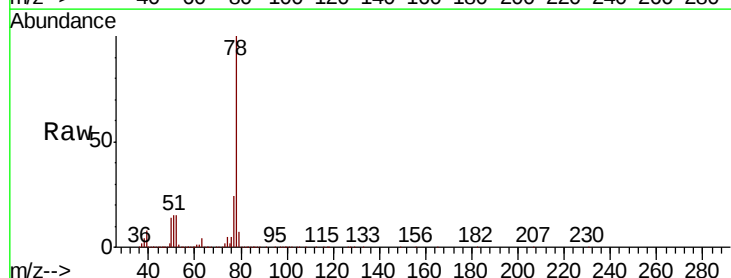
Manual Integrations
APPROVED

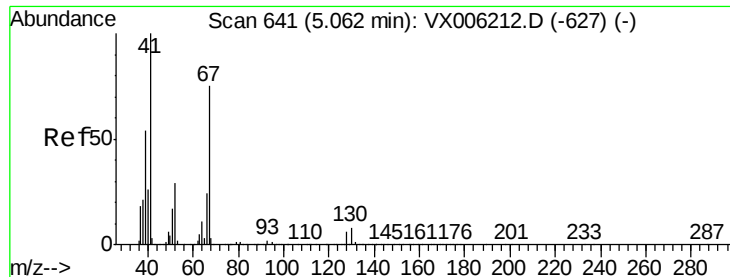
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#40
Benzene
Concen: 49.809 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





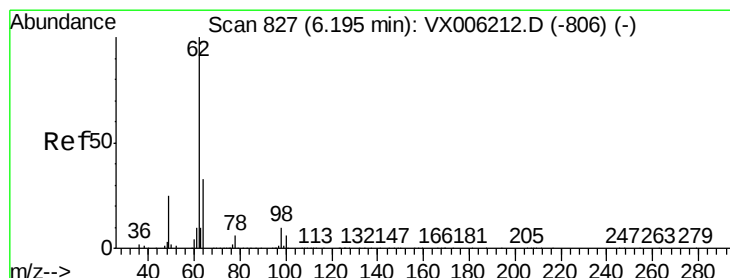
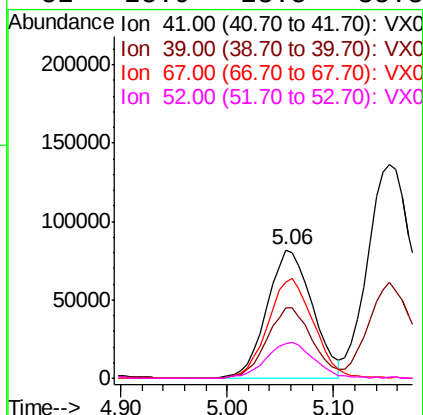
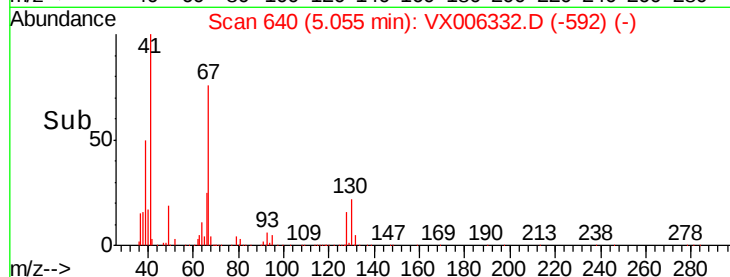
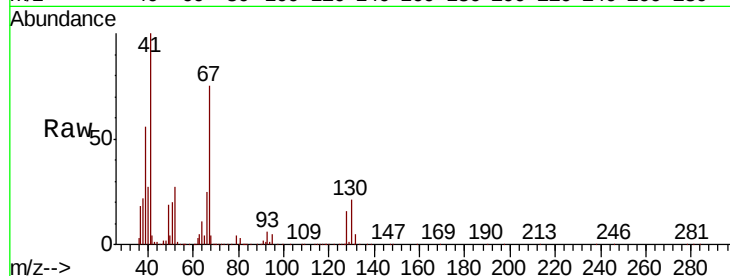
#41
Methacrylonitrile
Concen: 47.475 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		240576		
39	54.6	44.0	66.0		
67	78.4	61.4	92.0		
52	28.9	23.5	35.3		

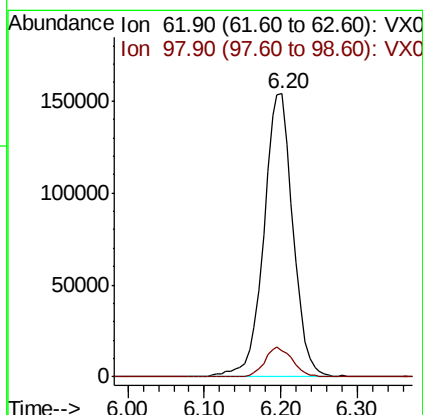
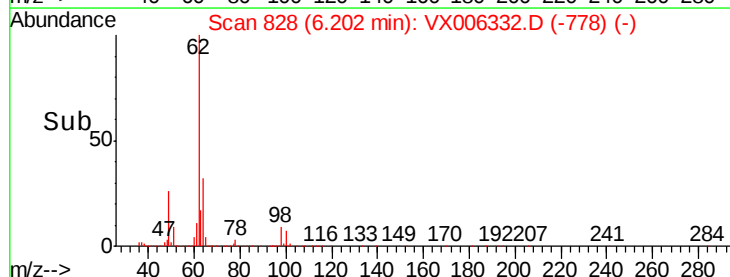
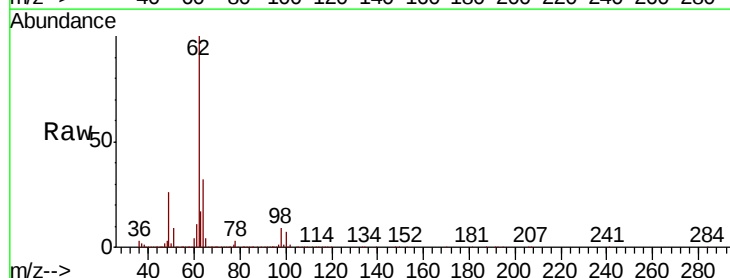
Manual Integrations
APPROVED

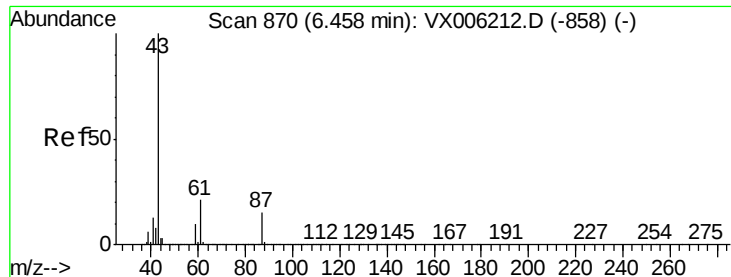
MMDadoda
12/7/2018 11:19:30 AM



#42
1,2-Dichloroethane
Concen: 50.396 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		406241		
98	10.1	0.0	20.2		





#43

Isopropyl Acetate

Concen: 44.443 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

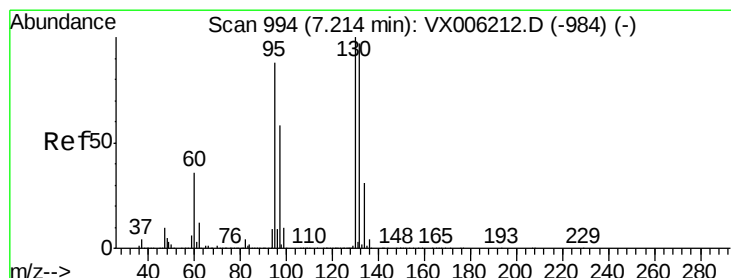
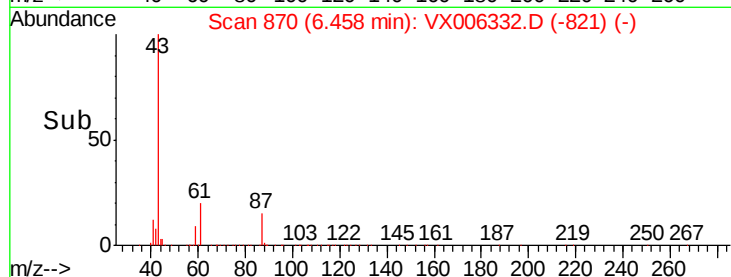
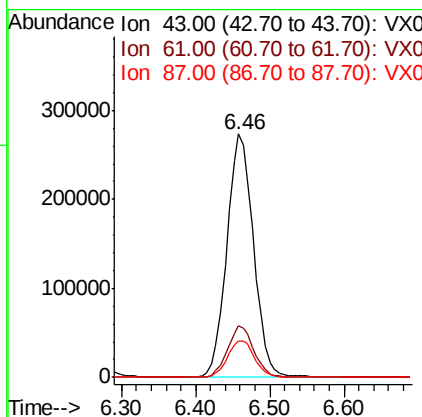
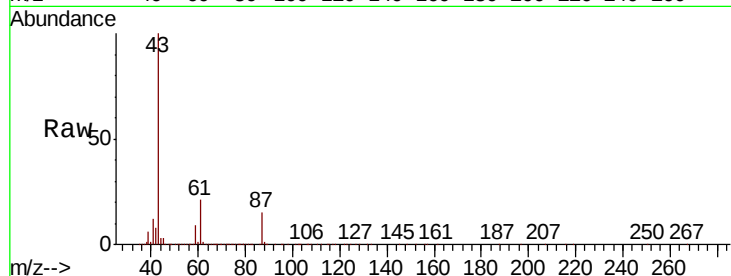
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	43	Resp:	682398
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.3	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 51.673 ug/l

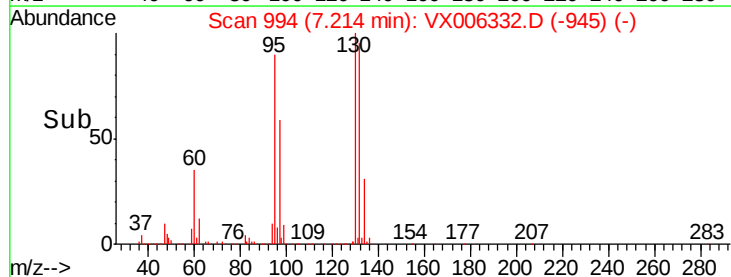
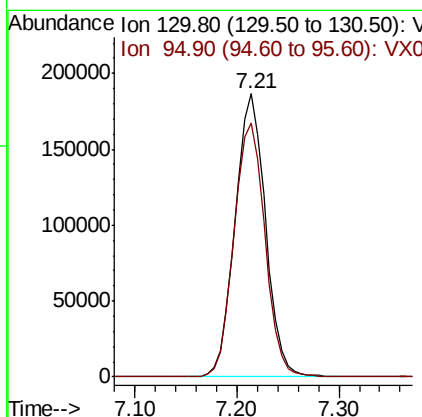
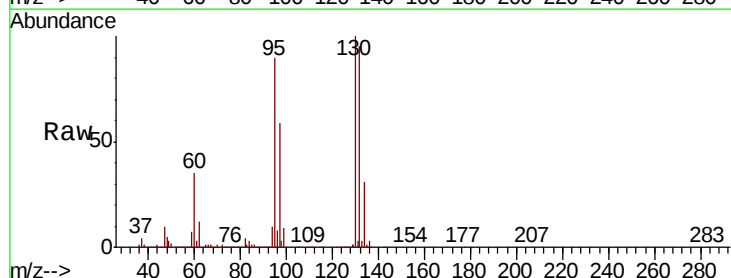
RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion:	130	Resp:	385559
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	175.8





#45

1,2-Dichloropropane

Concen: 48.667 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 63 Resp: 304648

Ion Ratio Lower Upper

63 100

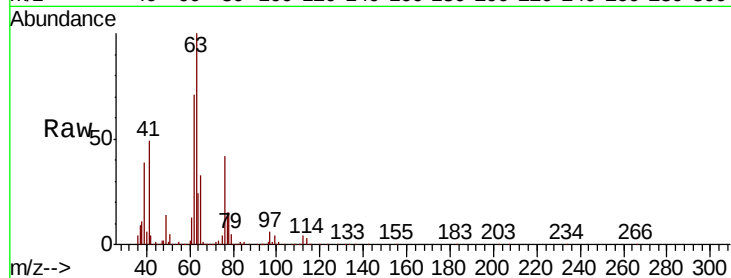
65 33.2 24.3 36.5

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

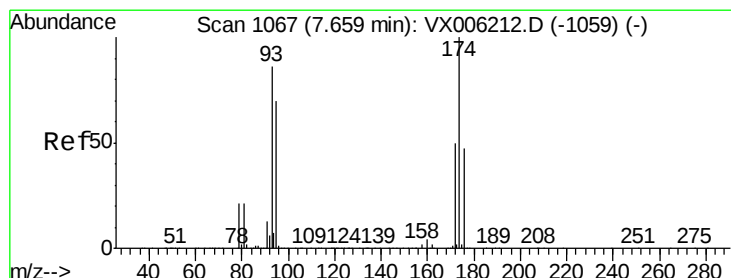
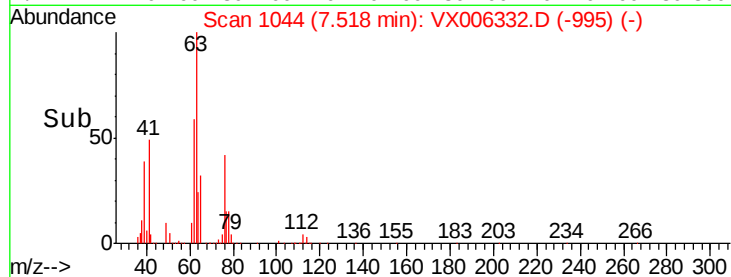
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.080 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

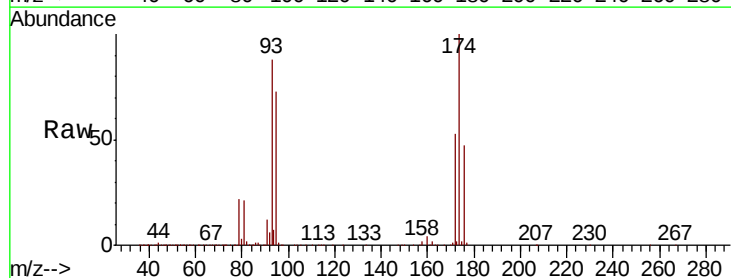
Tgt Ion: 93 Resp: 221887

Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 119.8 97.2 145.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

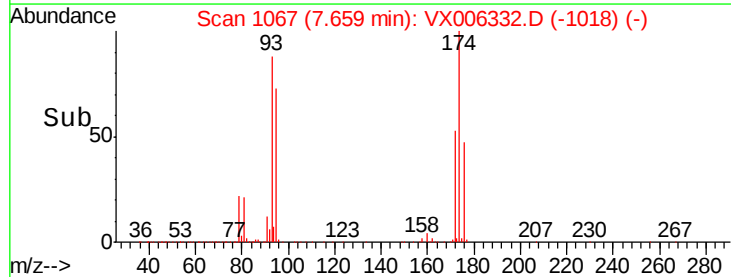
150000

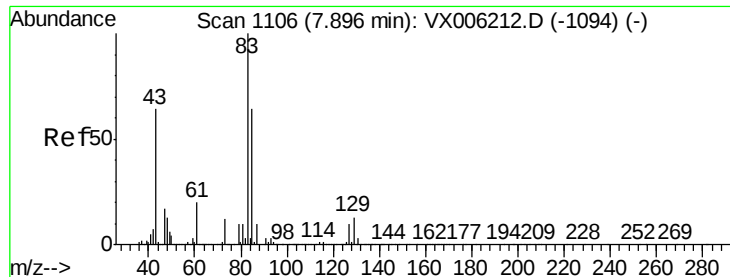
100000

50000

0

Time-->





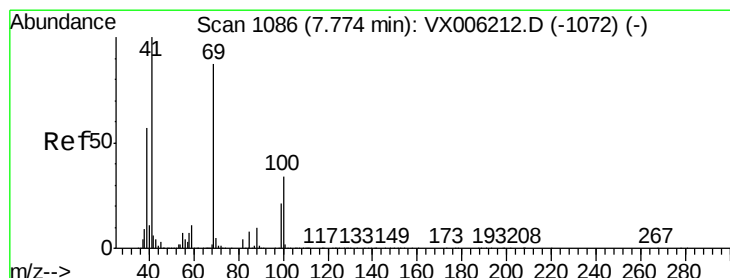
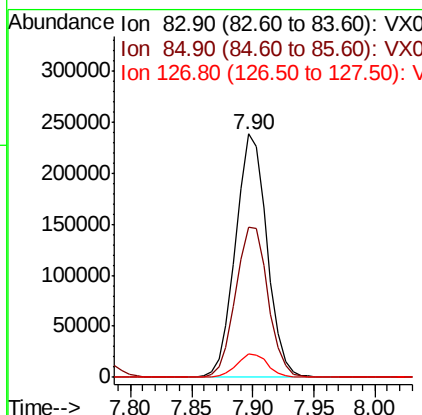
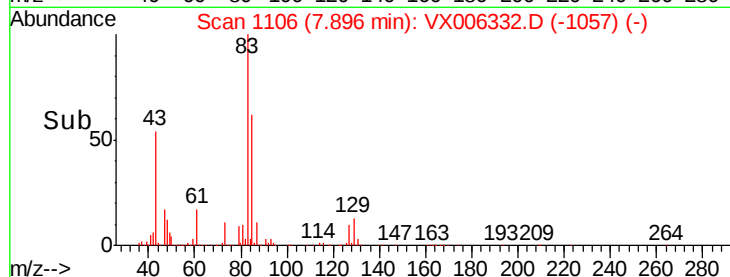
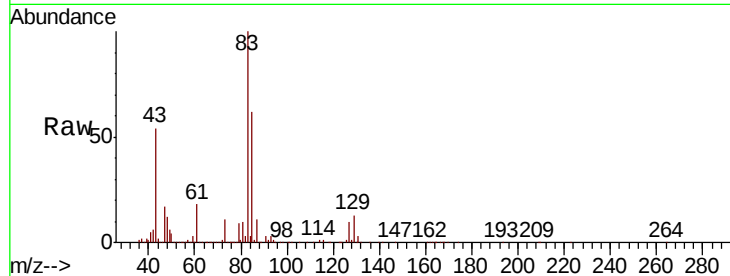
#47
Bromodichloromethane
Concen: 48.596 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.4	77.0
127	9.5	7.9	11.9

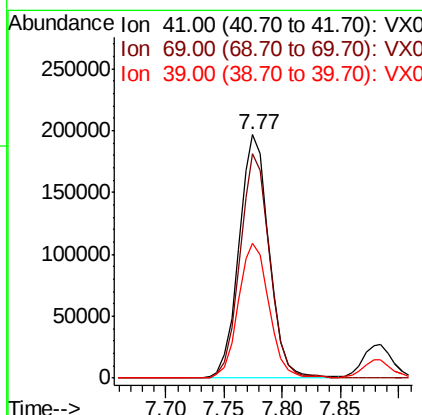
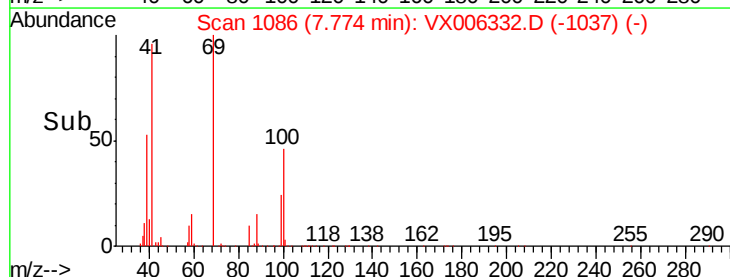
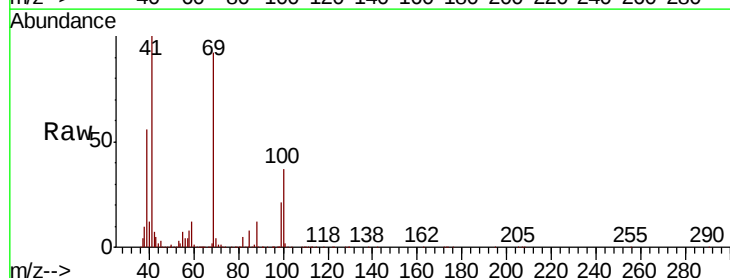
Manual Integrations
APPROVED

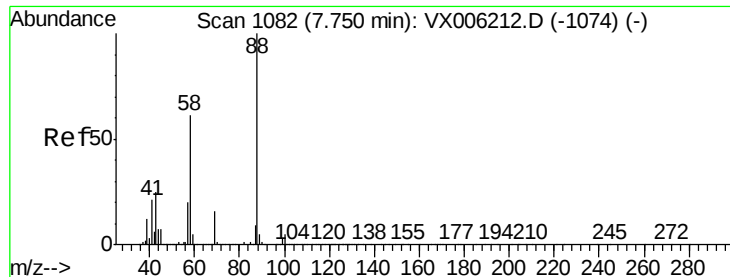
MMDadoda
12/7/2018 11:19:30 AM



#48
Methyl methacrylate
Concen: 47.325 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.4	70.3	105.5
39	56.3	45.3	67.9





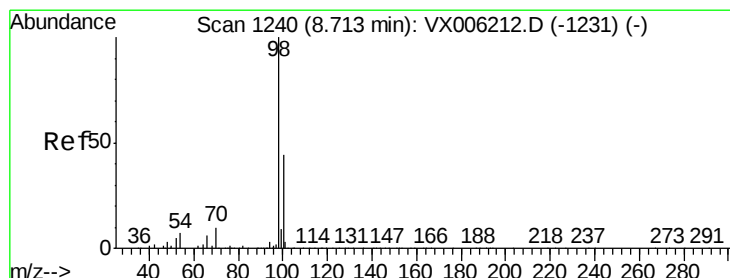
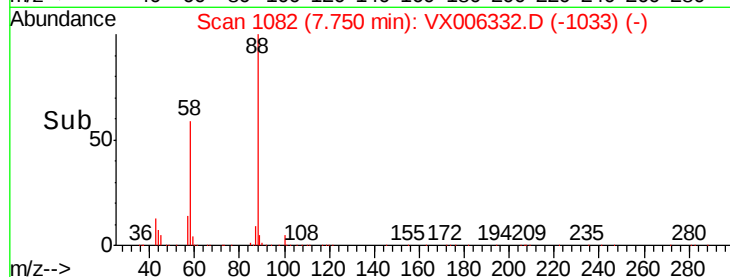
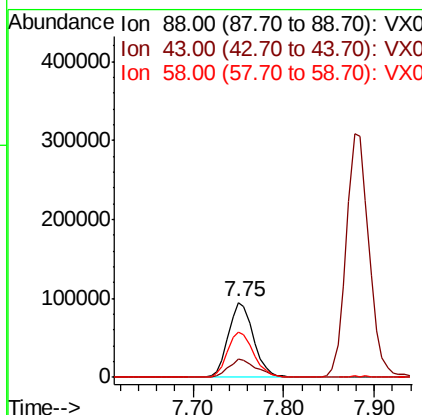
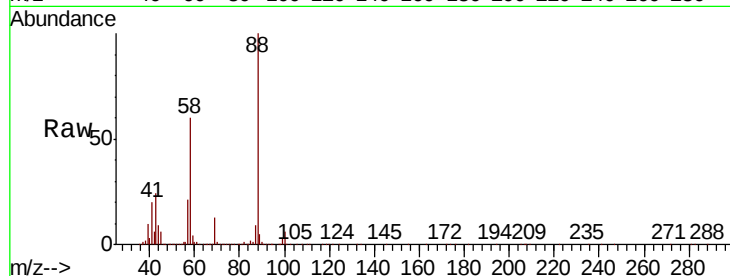
#49
1,4-Dioxane
Concen: 999.103 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.2	34.8
58	62.6	51.4	77.0

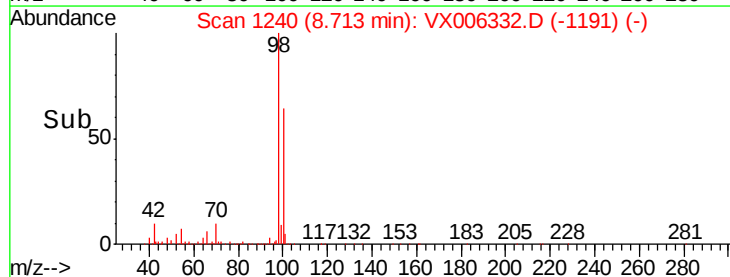
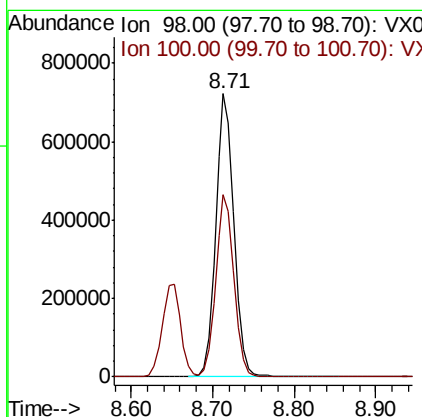
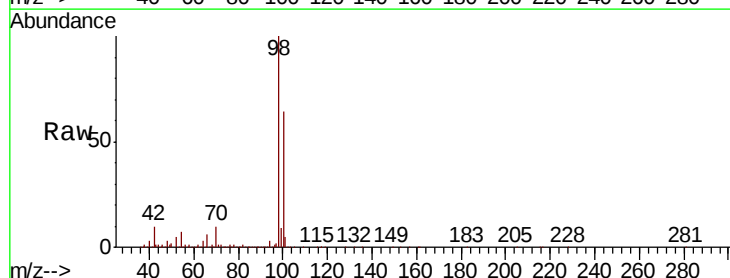
Manual Integrations
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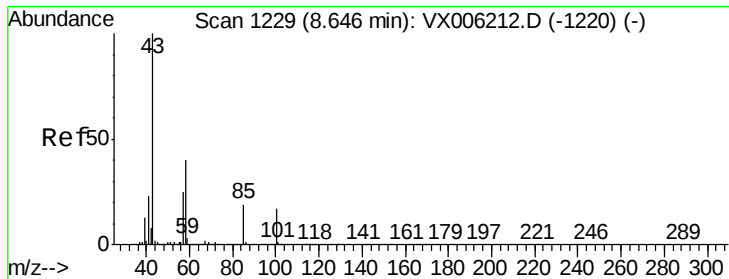
MMDadoda
12/7/2018 11:19:30 AM



#50
Toluene-d8
Concen: 49.172 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 237.828 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tot Ion: 43 Resp: 2125836

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9

Instrument :

MSVOA_X

ClientSampleId :

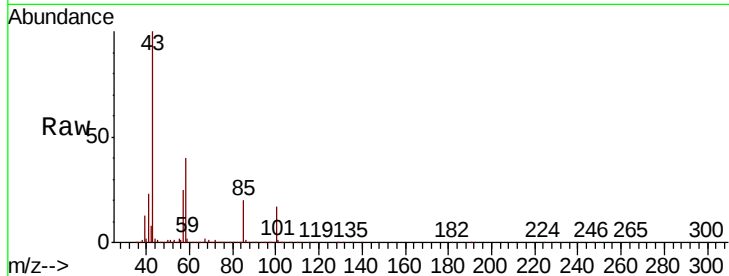
BPS1-TT-MW306I-20181205MSD

Manual Integrations

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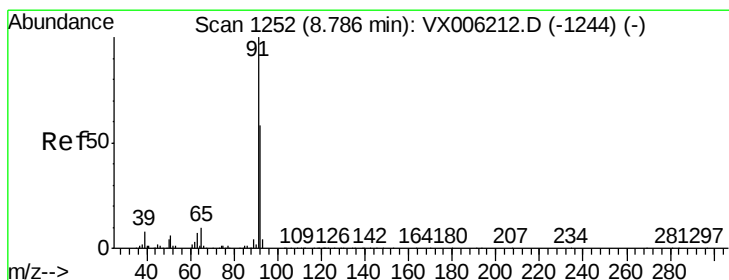
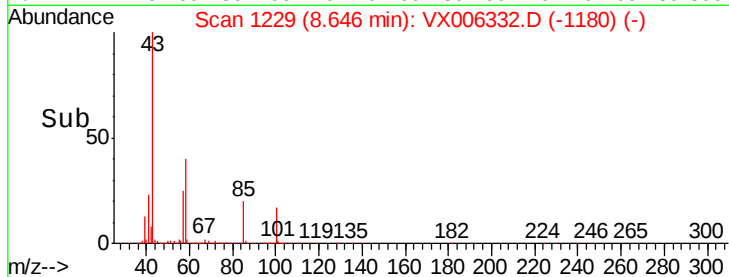
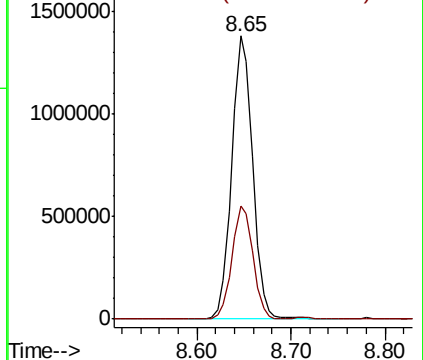
MMDadoda

12/7/2018 11:19:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.156 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006332.D

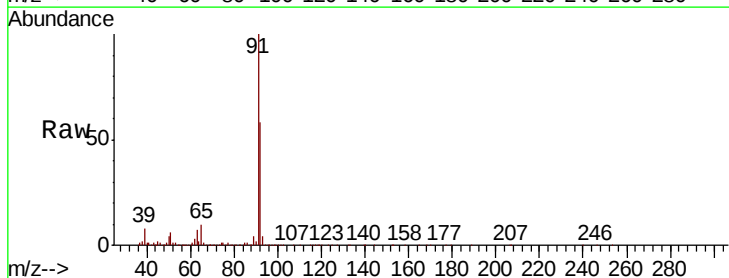
Acq: 06 Dec 2018 21:23

Tgt Ion: 92 Resp: 796529

Ion Ratio Lower Upper

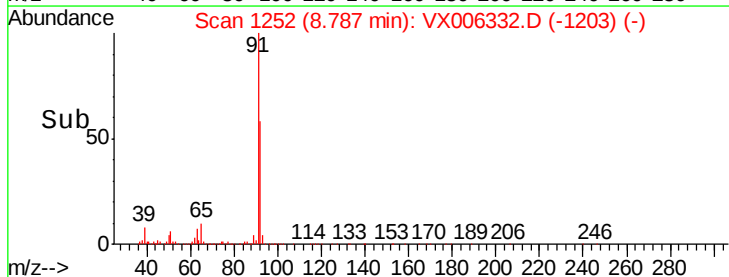
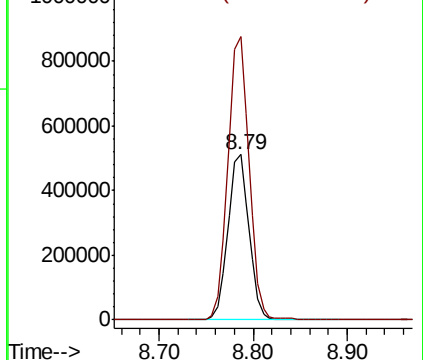
92 100

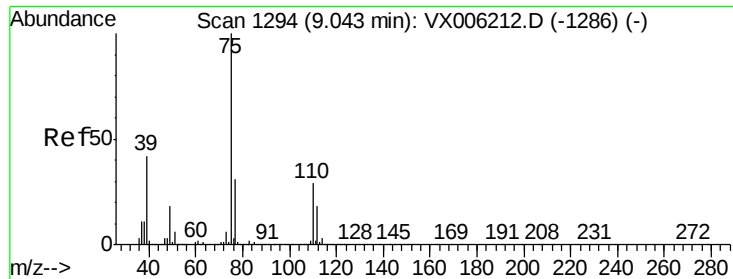
91 172.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





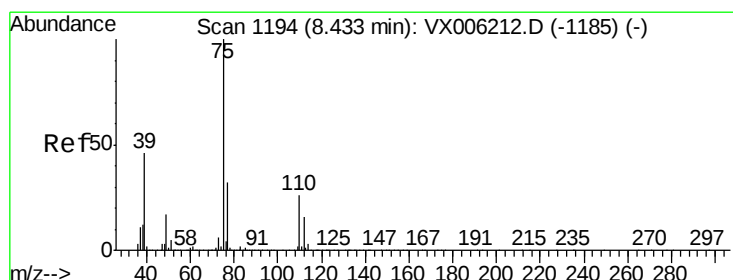
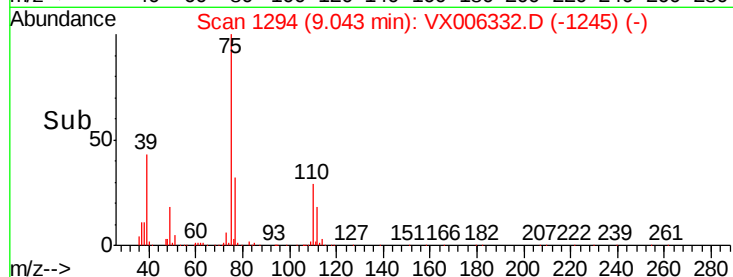
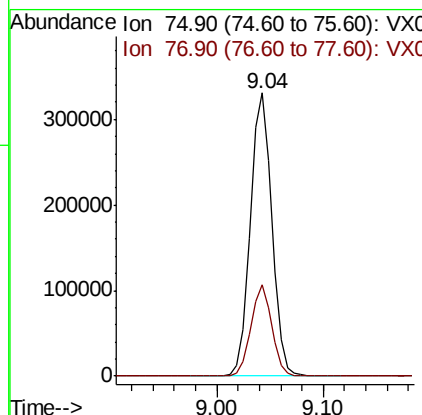
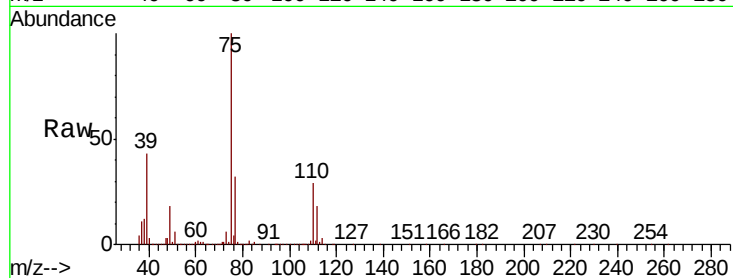
#53
t-1,3-Dichloropropene
Concen: 45.981 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4

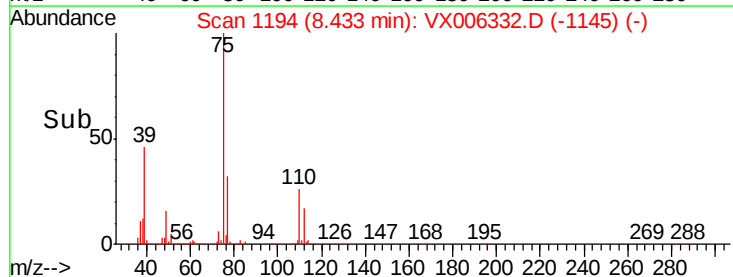
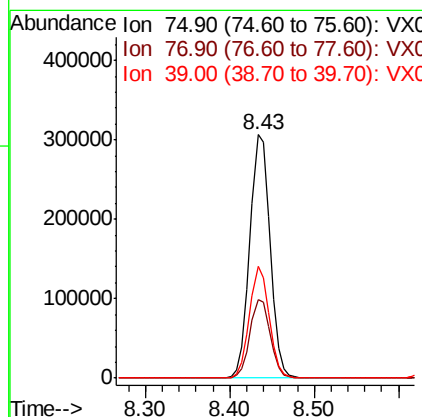
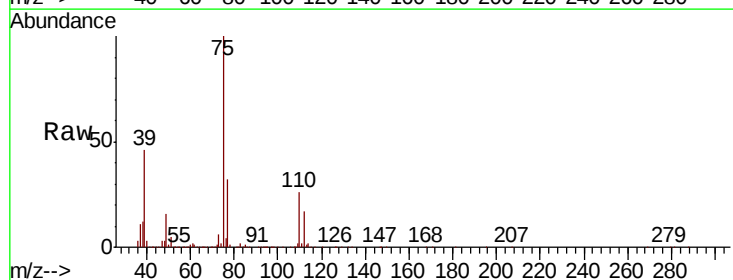
Manual Integrations
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12/7/2018 11:19:30 AM



#54
cis-1,3-Dichloropropene
Concen: 46.394 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.6	38.4
39	46.0	36.5	54.7





#55

1,1,2-Trichloroethane

Concen: 50.241 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

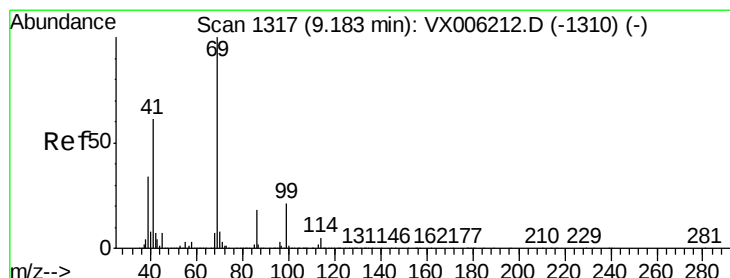
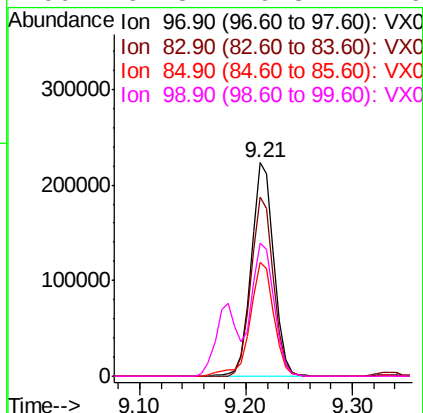
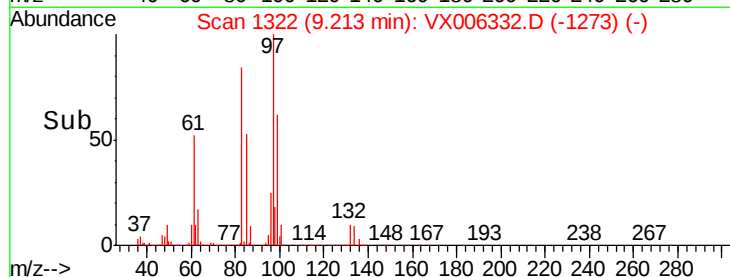
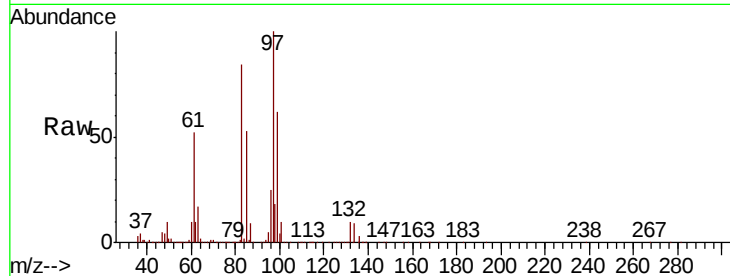
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.1	100.7
85	53.3	43.2	64.8
99	62.3	49.8	74.6

Manual Integrations
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12/7/2018 11:19:30 AM



#56

Ethyl methacrylate

Concen: 47.934 ug/l

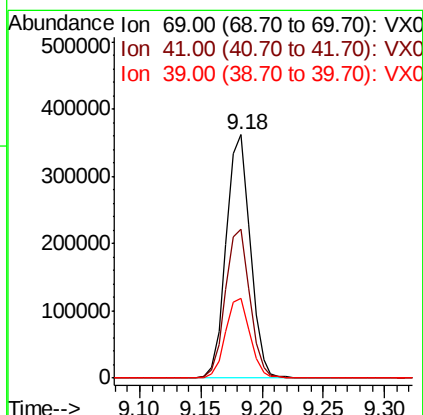
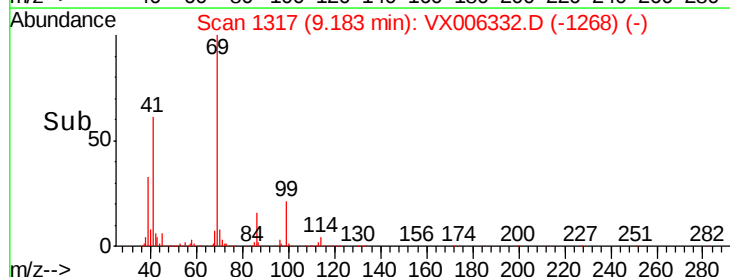
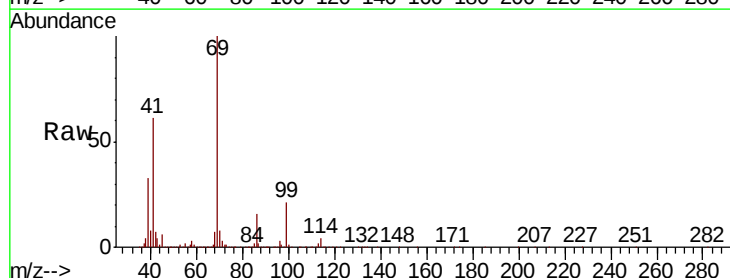
RT: 9.18 min Scan# 1317

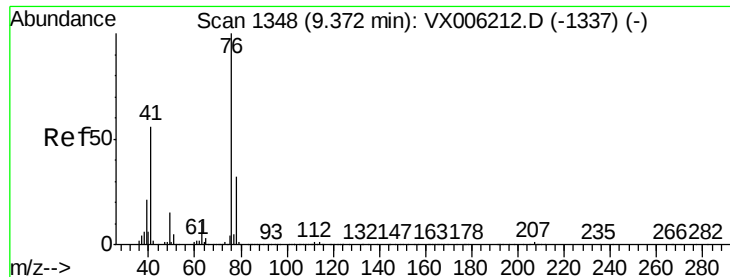
Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	50.6	76.0
39	33.2	27.6	41.4





#57

1,3-Dichloropropane

Concen: 50.454 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 76 Resp: 525209

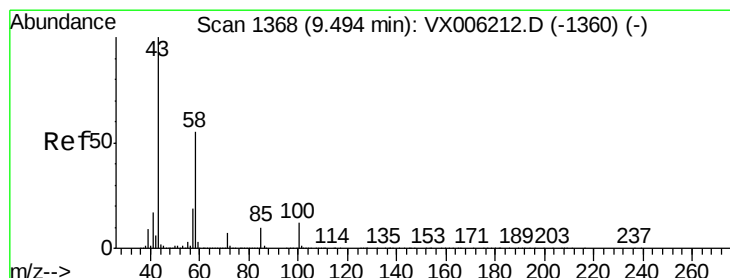
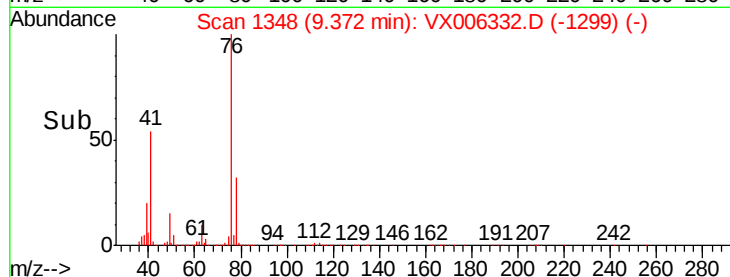
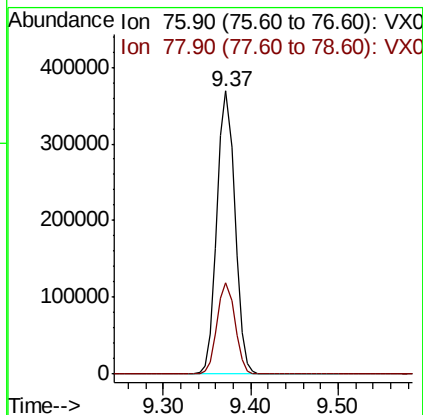
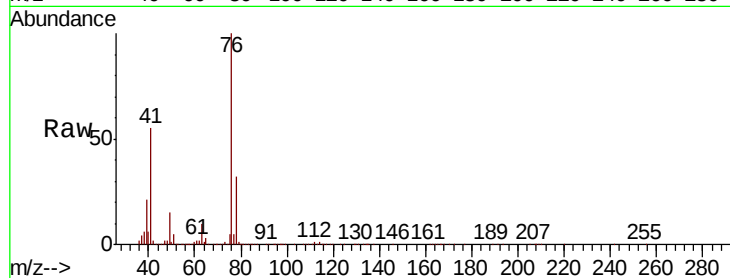
Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1

Manual Integrations
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12/7/2018 11:19:30 AM



#59

2-Hexanone

Concen: 234.243 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006332.D

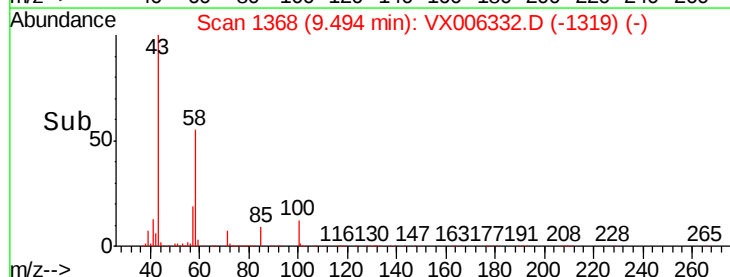
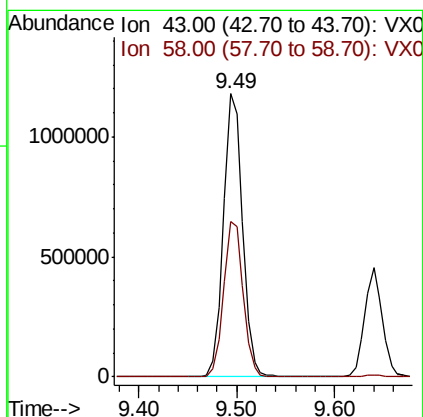
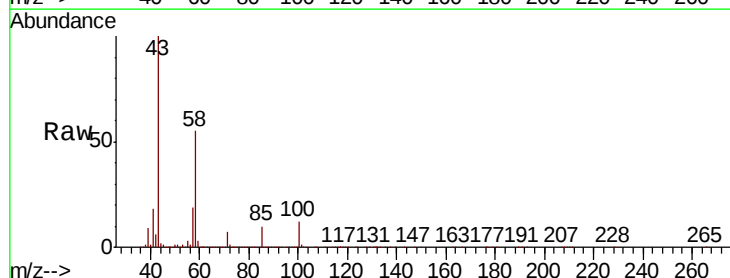
Acq: 06 Dec 2018 21:23

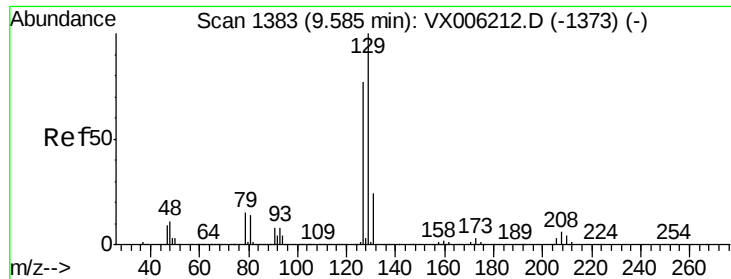
Tgt Ion: 43 Resp: 1599661

Ion Ratio Lower Upper

43 100

58 56.1 27.7 83.1





#60

Dibromochloromethane

Concen: 47.619 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:129 Resp: 386547

Ion Ratio Lower Upper

129 100

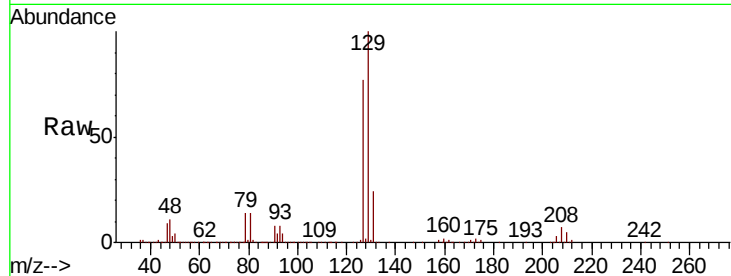
127 77.0 38.6 115.8

Manual Integrations

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MMDadoda

12/7/2018 11:19:30 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

250000

200000

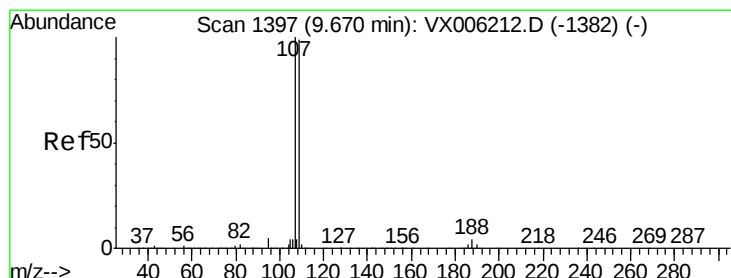
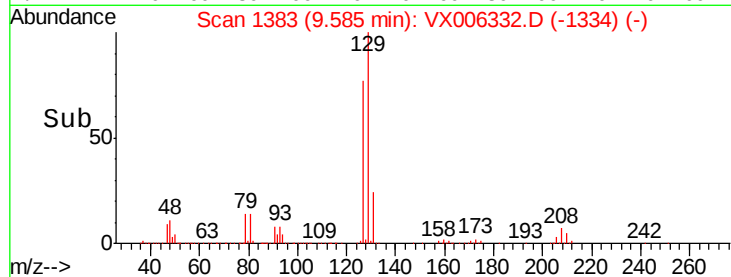
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 49.588 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006332.D

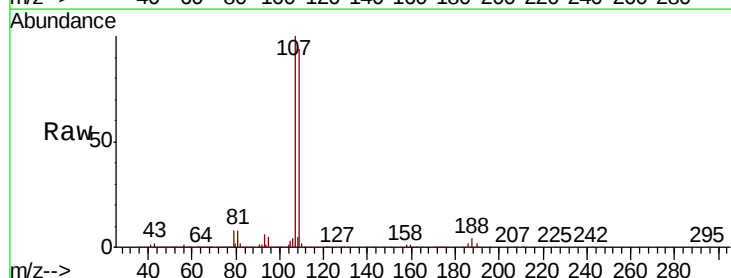
Acq: 06 Dec 2018 21:23

Tgt Ion:107 Resp: 365007

Ion Ratio Lower Upper

107 100

109 94.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

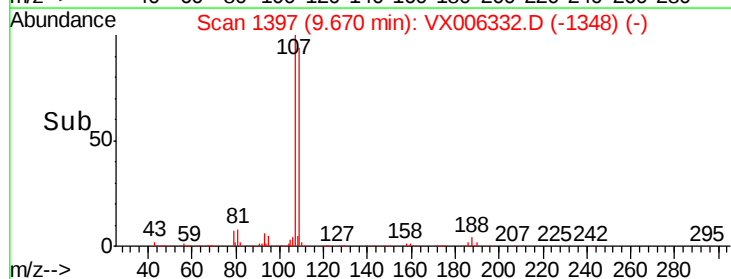
150000

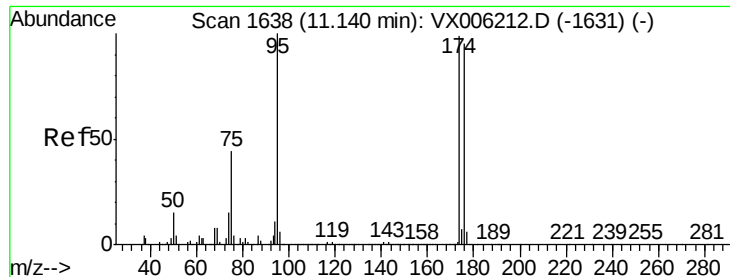
100000

50000

0

Time-->





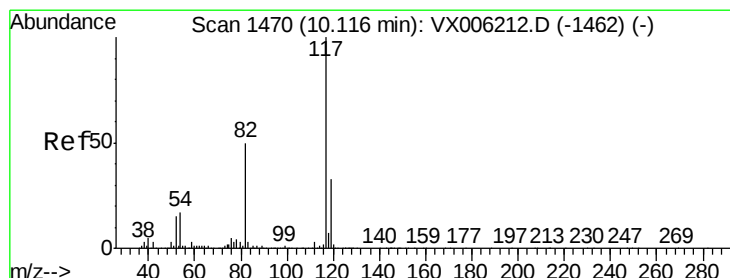
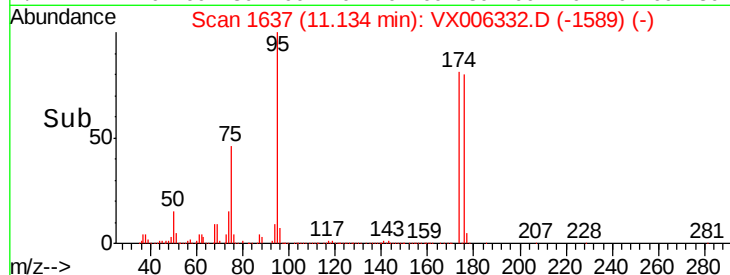
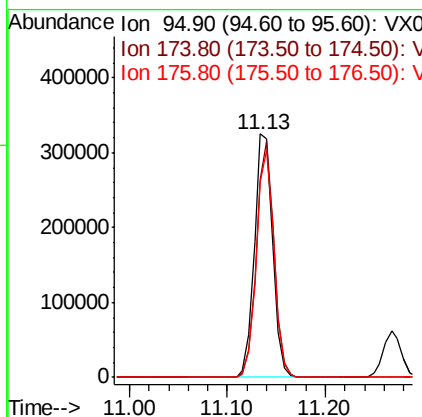
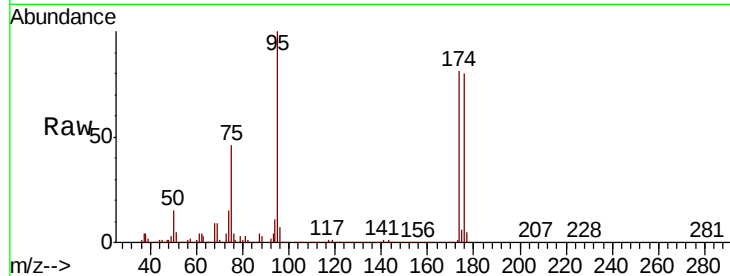
#62
4-Bromofluorobenzene
Concen: 48.482 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	420167		
174	92.3	0.0	187.0	
176	89.7	0.0	181.8	

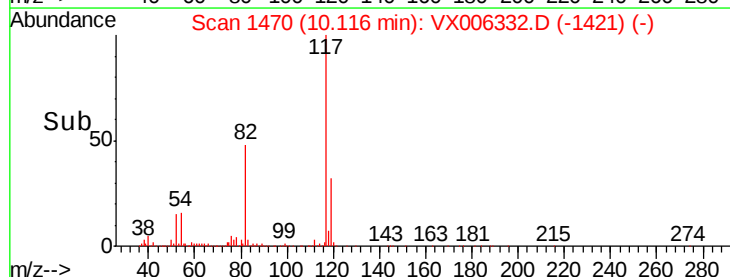
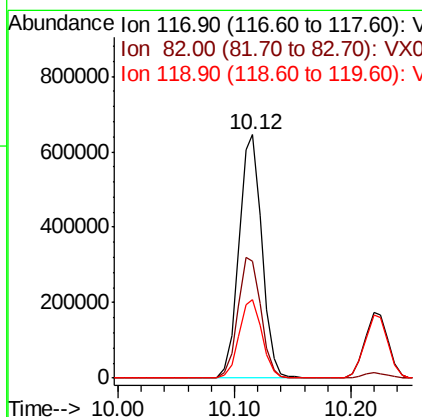
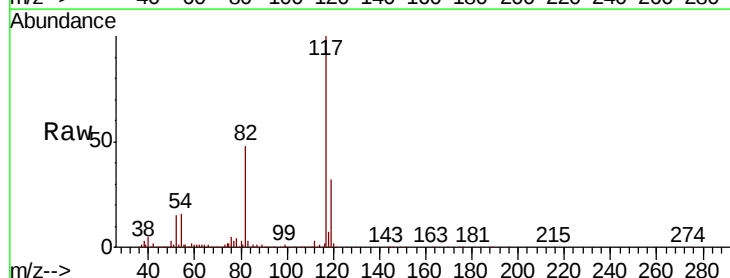
Manual Integrations
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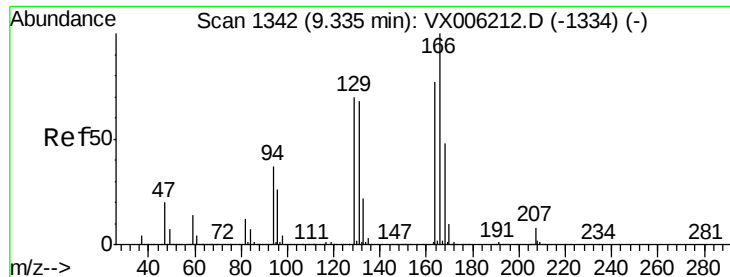
MMDadoda
12/7/2018 11:19:30 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	882654		
82	48.1	39.6	59.4	
119	32.2	26.3	39.5	





#64

Tetrachloroethene

Concen: 48.582 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

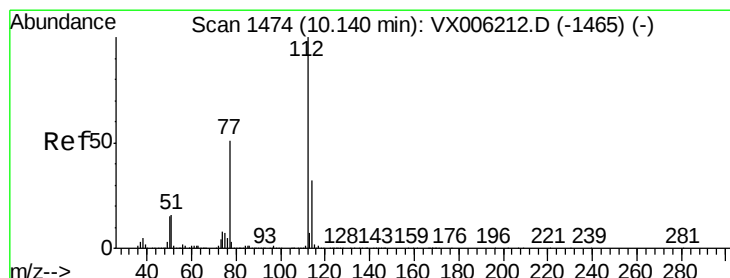
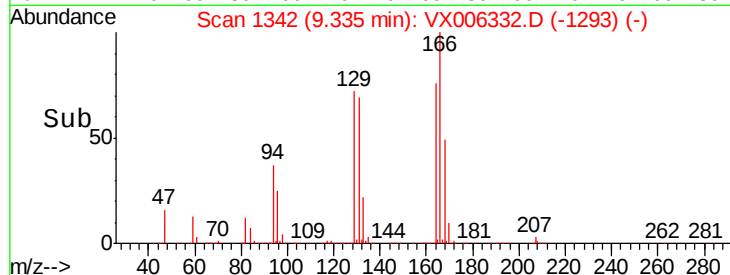
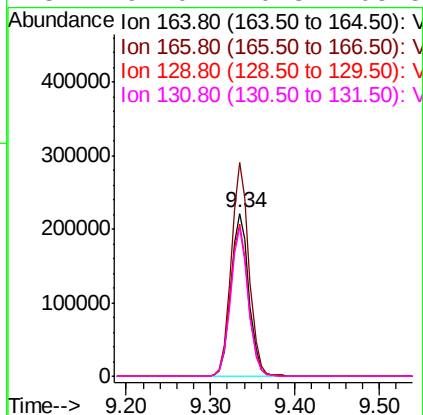
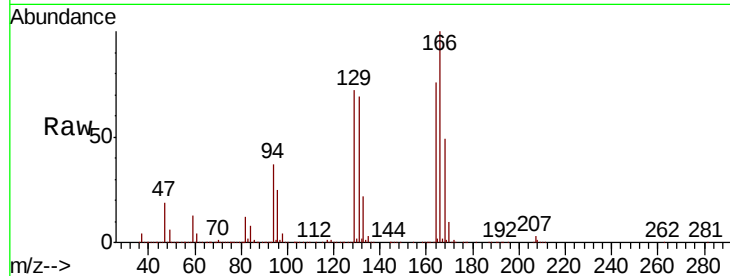
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	131.0	104.2	156.2	
129	93.7	72.6	108.8	
131	91.0	70.3	105.5	

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#65

Chlorobenzene

Concen: 50.069 ug/l

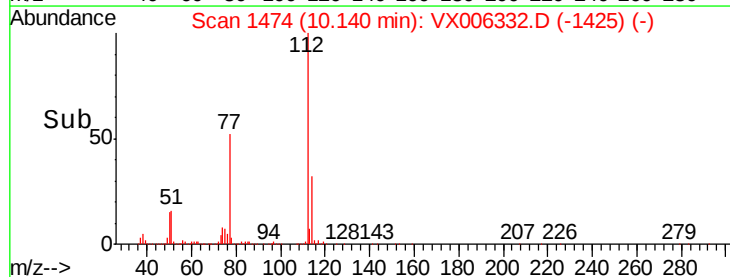
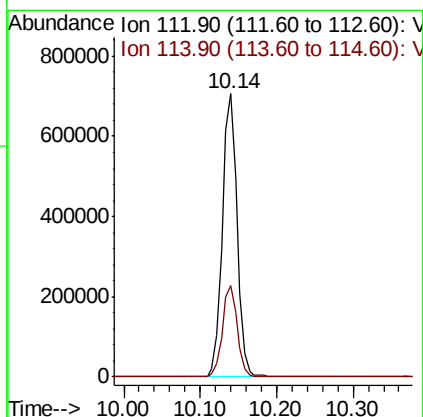
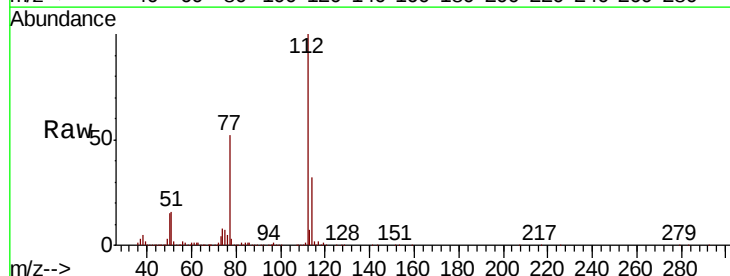
RT: 10.14 min Scan# 1474

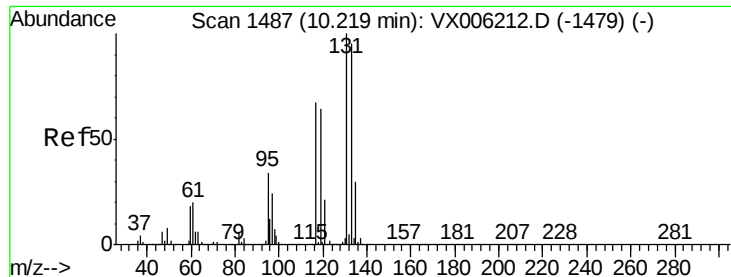
Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.1	25.4	38.2	





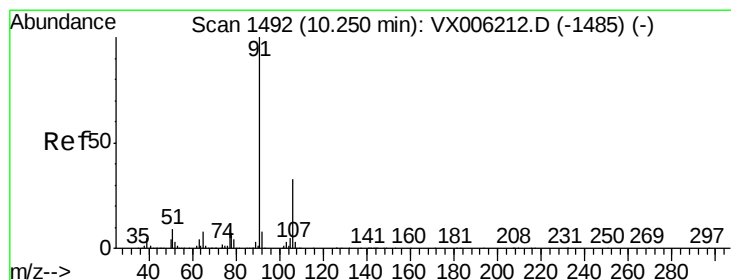
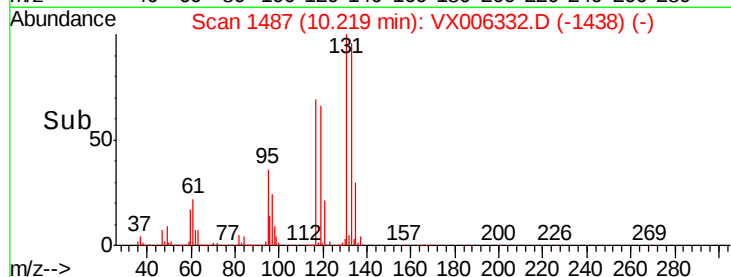
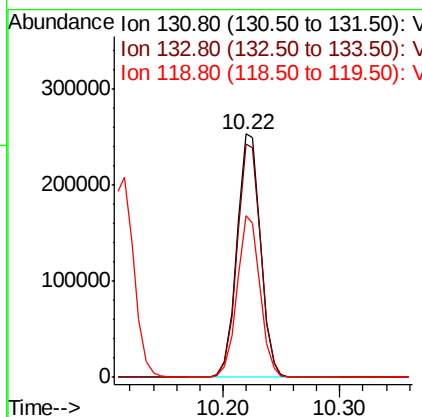
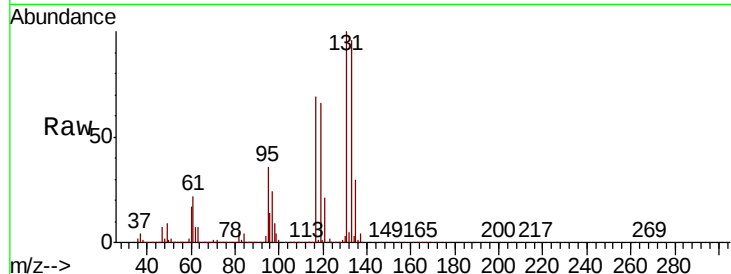
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.031 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.1	144.4
119	64.7	32.1	96.3

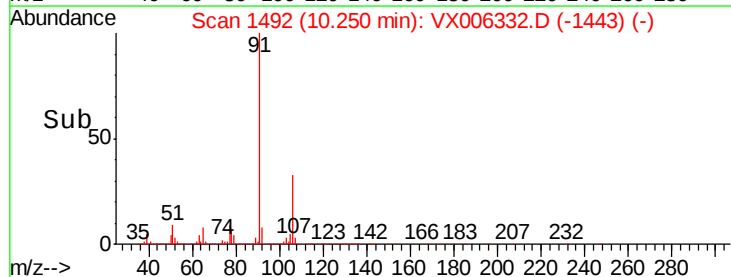
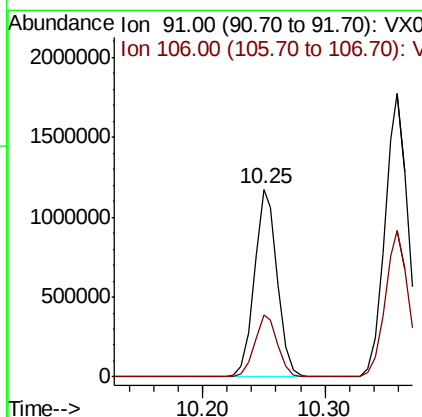
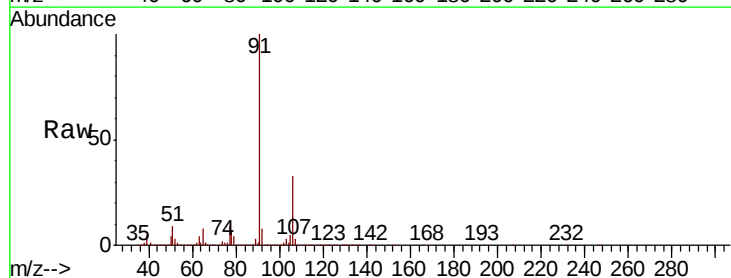
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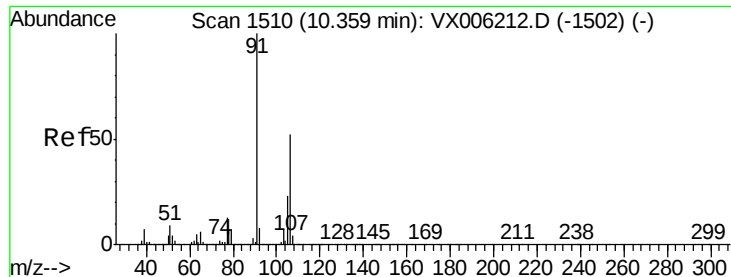
MMDadoda
 12/7/2018 11:19:30 AM



#67
 Ethyl Benzene
 Concen: 49.016 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.0	26.5	39.7





#68

m/p-Xylenes

Concen: 97.023 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:106 Resp: 1211140

Ion Ratio Lower Upper

106 100

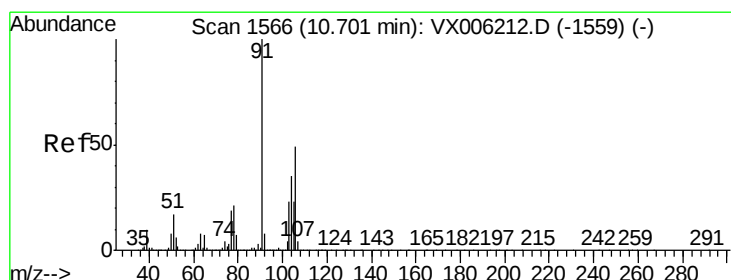
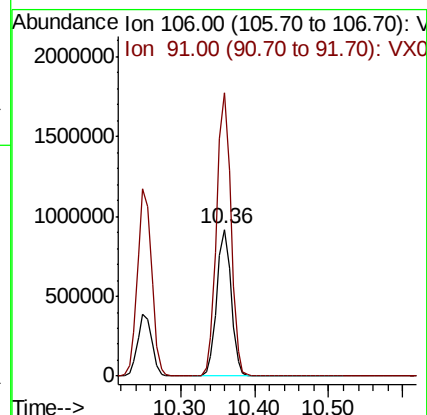
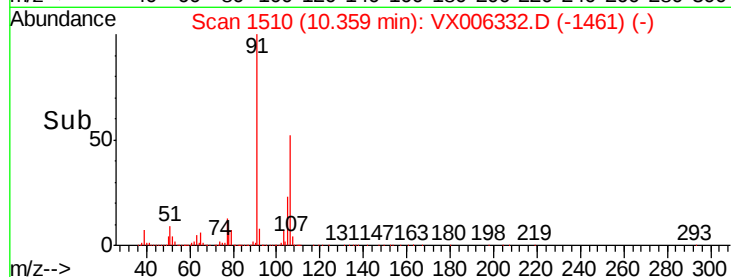
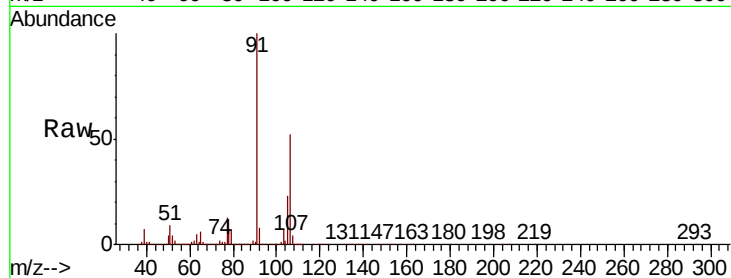
91 193.1 155.2 232.8

Manual Integrations

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#69

o-Xylene

Concen: 48.544 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006332.D

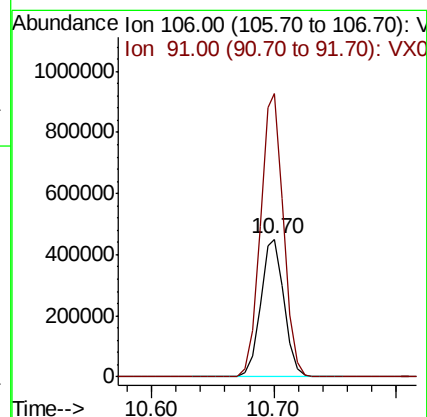
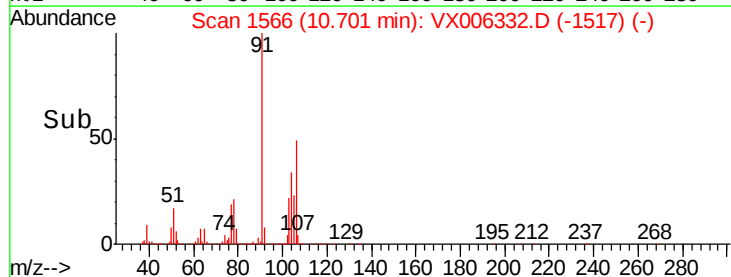
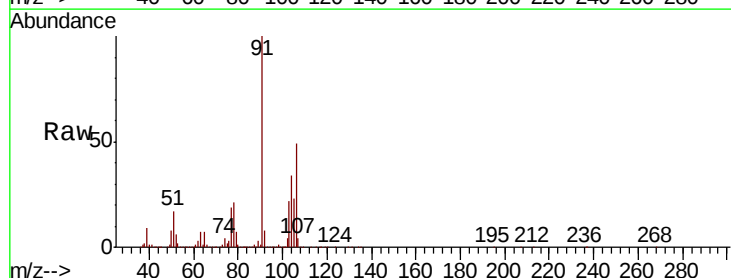
Acq: 06 Dec 2018 21:23

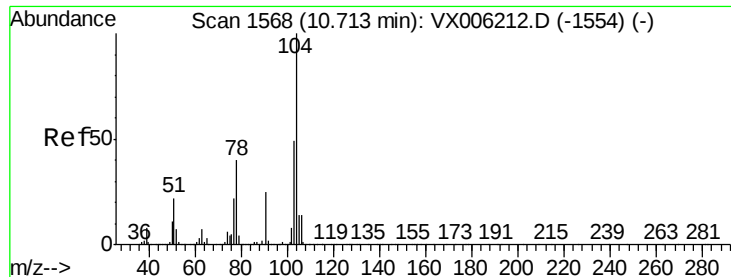
Tgt Ion:106 Resp: 598560

Ion Ratio Lower Upper

106 100

91 203.7 101.8 305.6





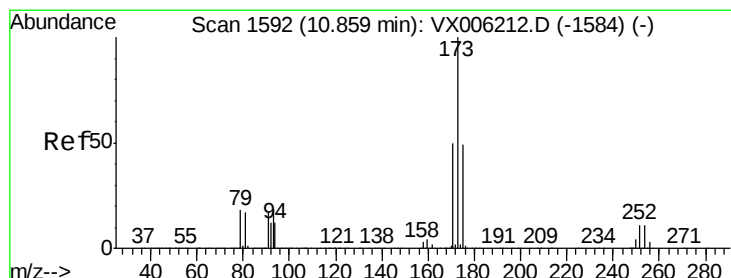
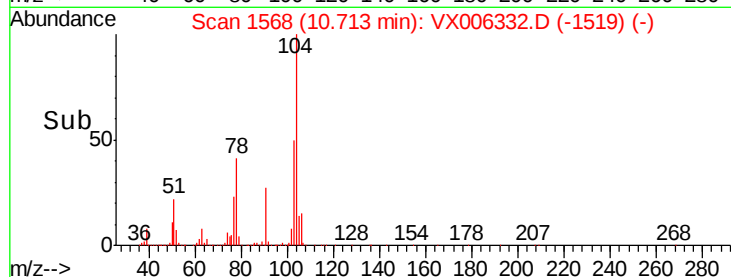
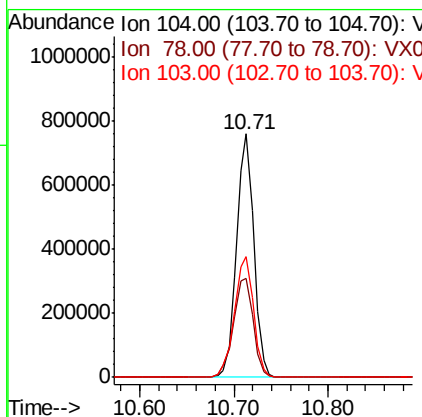
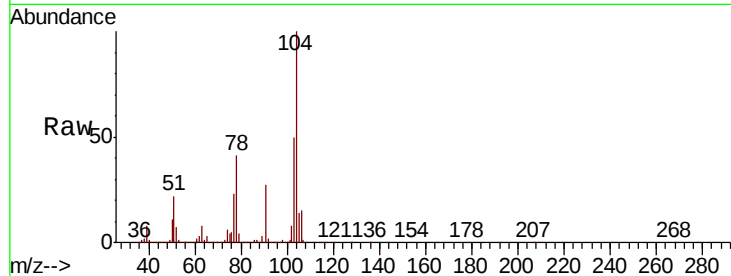
#70
Stvrene
Concen: 48.387 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.0	37.2	55.8
103	55.1	43.5	65.3

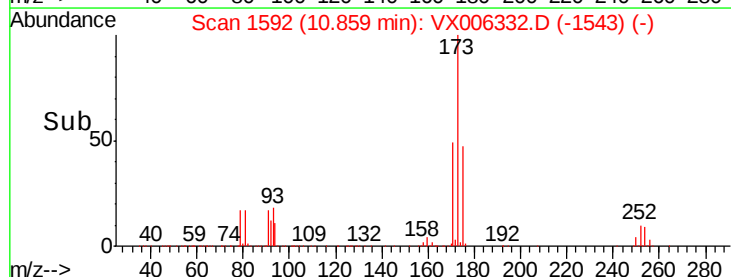
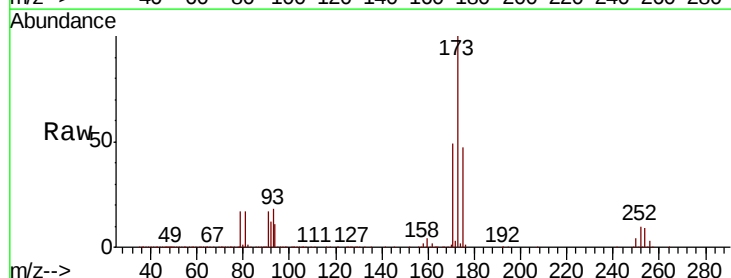
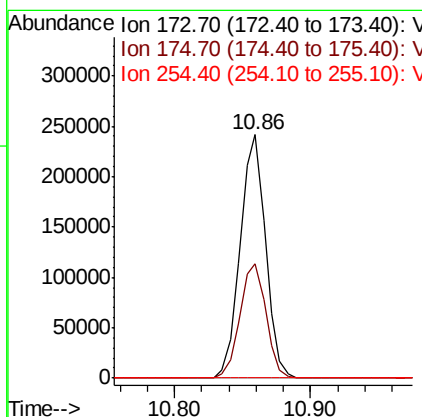
Manual Integrations
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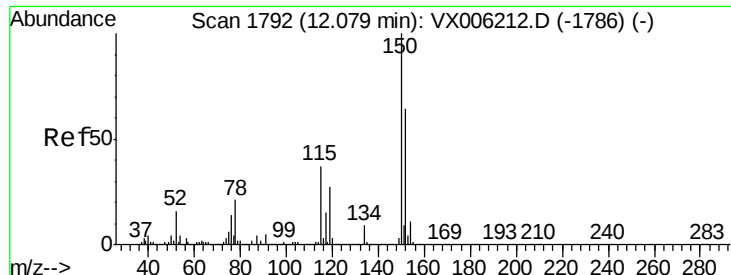
MMDadoda
12/7/2018 11:19:30 AM



#71
Bromoform
Concen: 45.653 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.8
254	0.2	0.2	0.2





#72

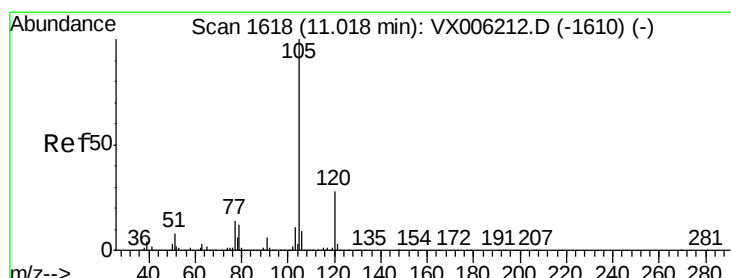
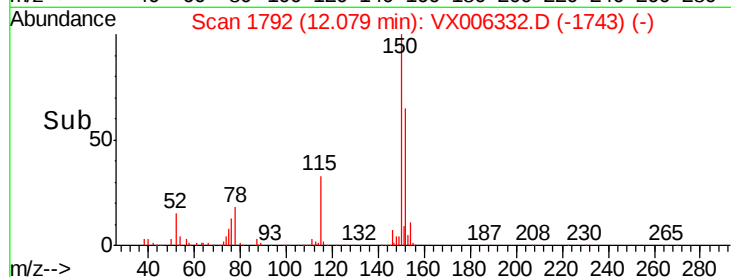
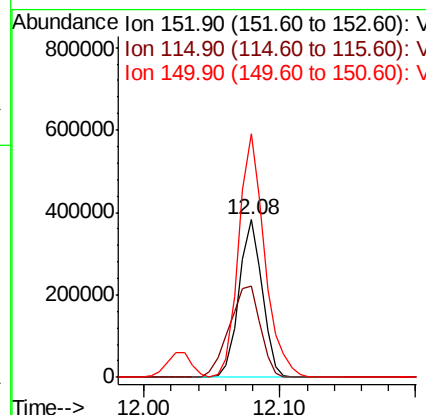
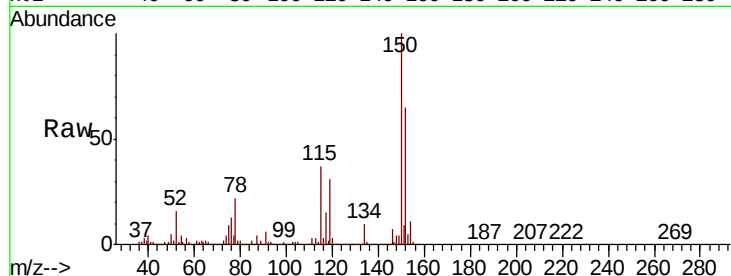
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.0	39.0	116.9
150	173.3	0.0	345.8

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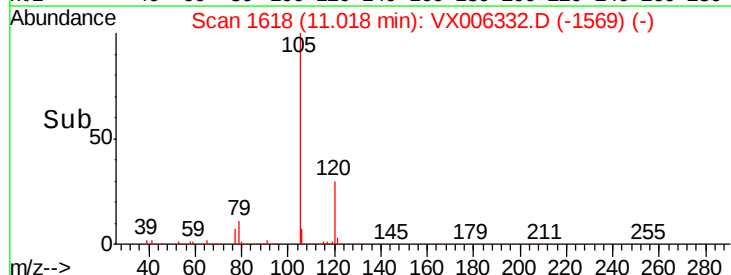
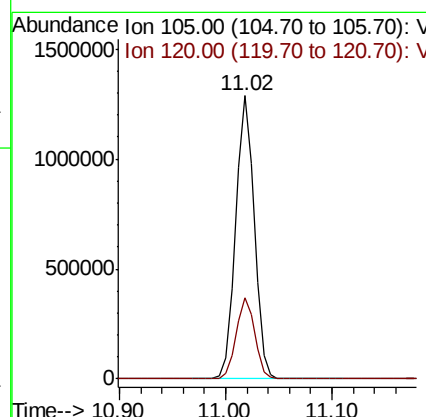
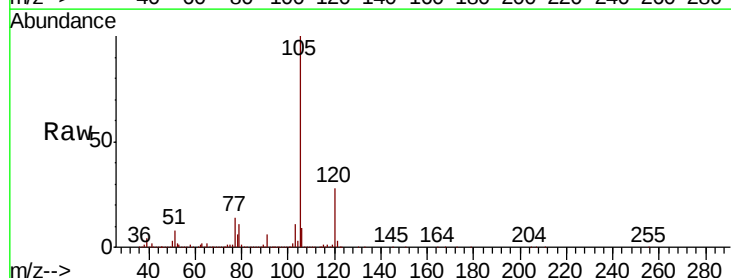
MMDadoda
12/7/2018 11:19:30 AM

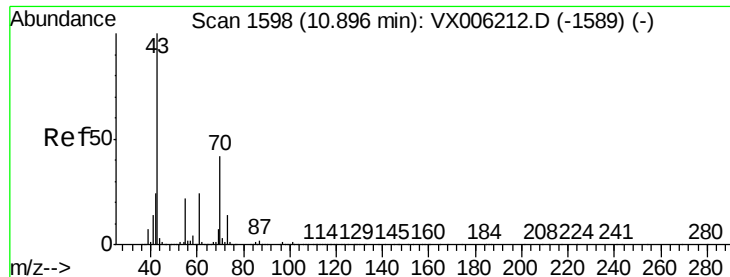


#73

Isopropylbenzene
Concen: 50.751 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.7	14.1	42.3





#74

N-amvl acetate

Concen: 42.136 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

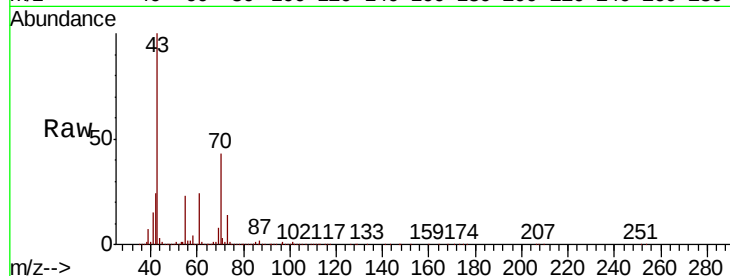
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

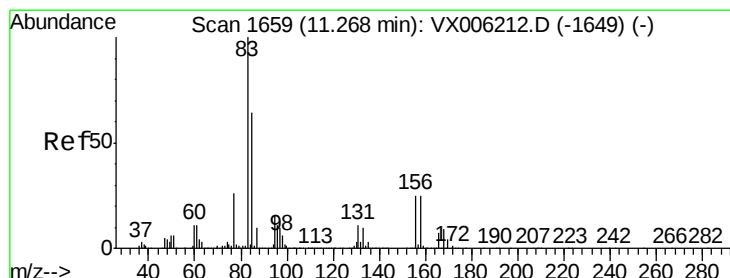
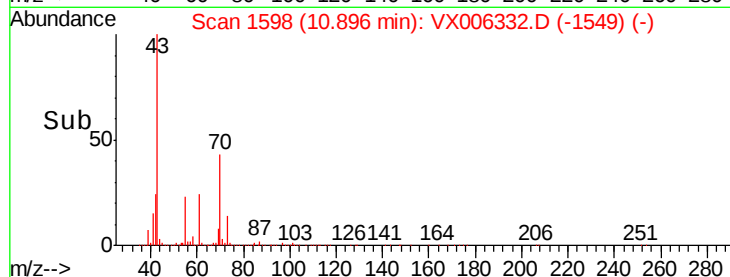
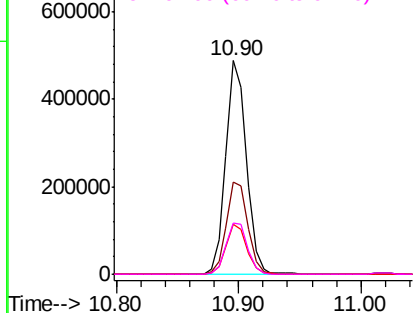
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	44.8	34.1	51.1	
55	23.5	17.8	26.8	
61	25.1	19.7	29.5	

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.673 ug/l

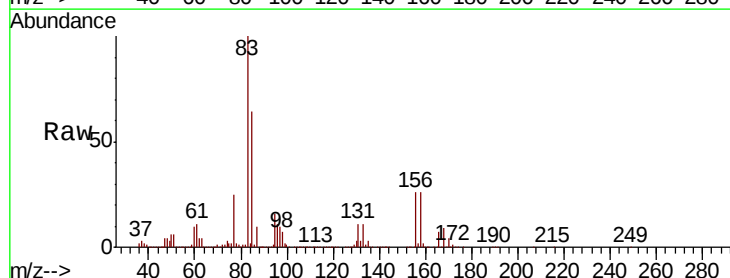
RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

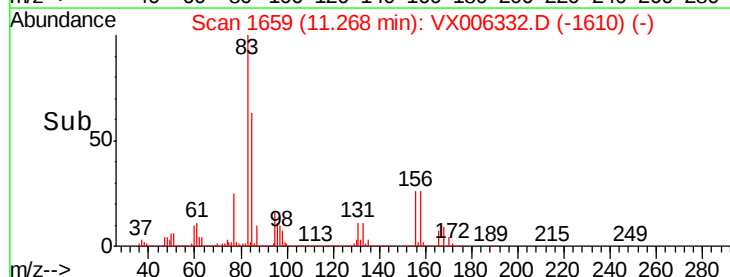
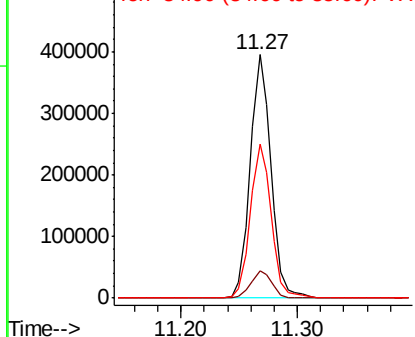
Lab File: VX006332.D

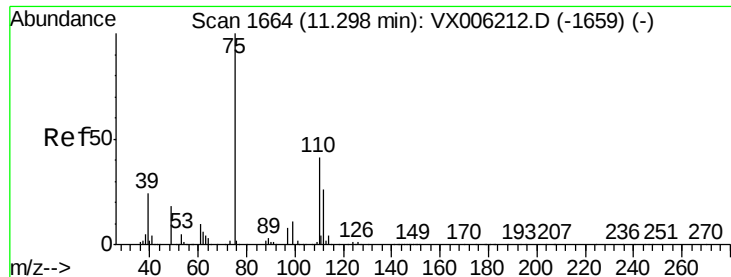
Acq: 06 Dec 2018 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.6	5.7	17.1	
85	64.2	32.1	96.5	



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 52.620 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 75 Resp: 458415

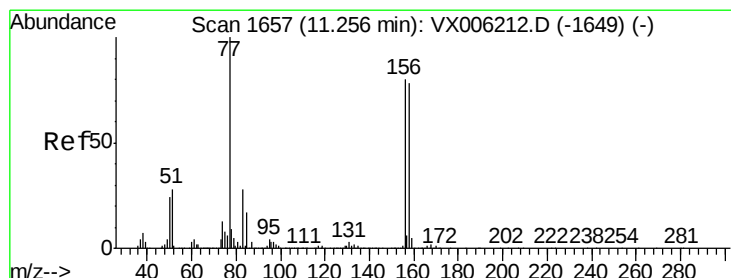
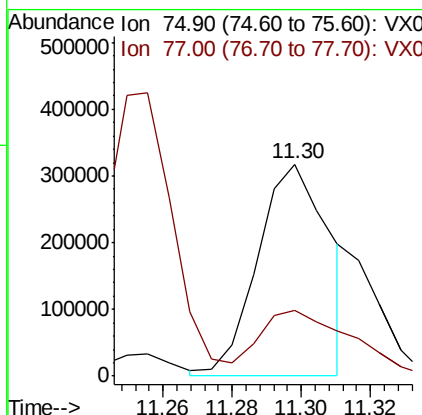
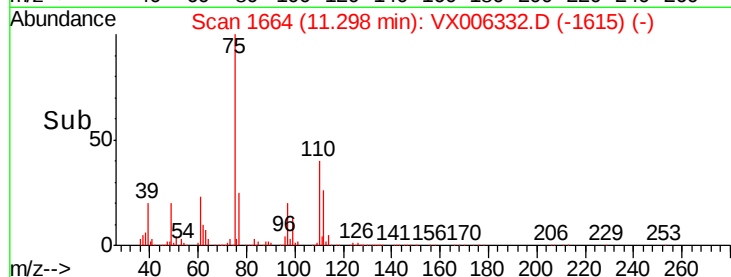
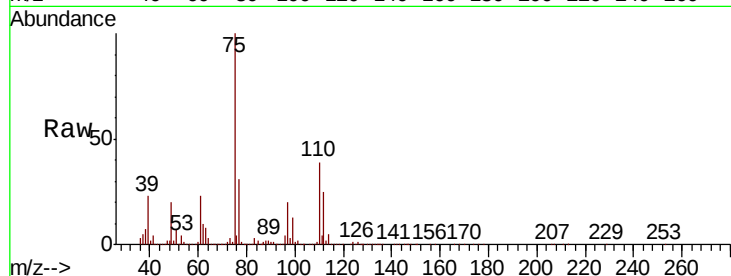
Ion Ratio Lower Upper

75 100

77 39.5 19.9 59.7

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MMDadoda
12/7/2018 11:19:30 AM



#77

Bromobenzene

Concen: 49.655 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

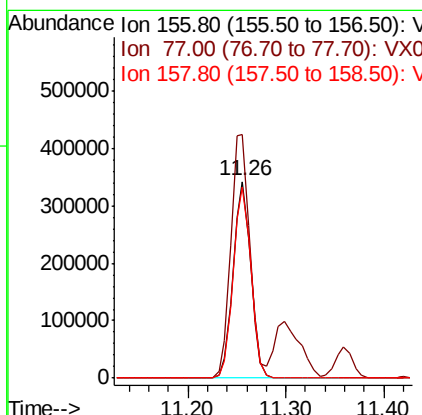
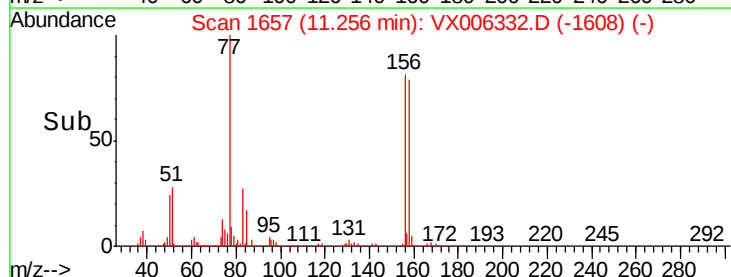
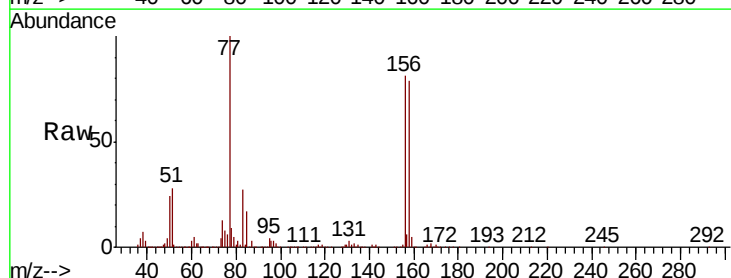
Tgt Ion: 156 Resp: 429525

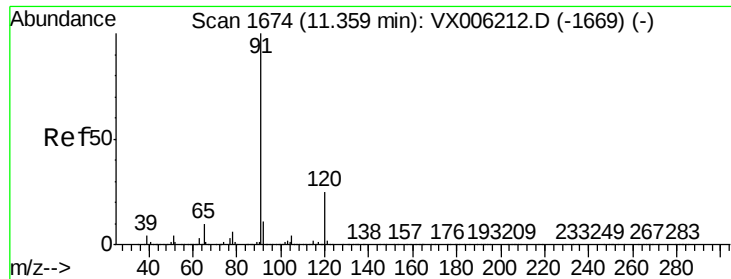
Ion Ratio Lower Upper

156 100

77 133.3 66.2 198.6

158 98.6 48.8 146.4





#78

n-propylbenzene

Concen: 50.210 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 91 Resp: 1739703

Ion Ratio Lower Upper

91 100

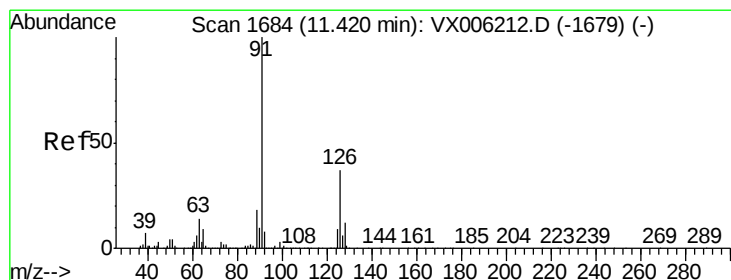
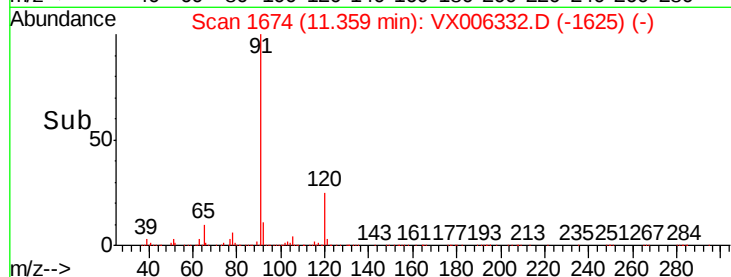
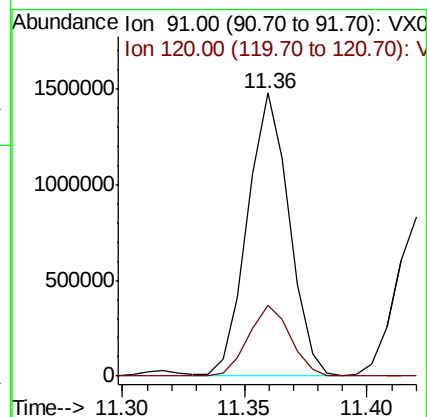
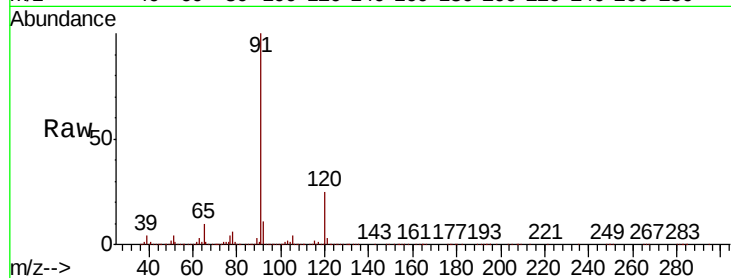
120 25.4 12.7 38.0

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#79

2-Chlorotoluene

Concen: 49.686 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006332.D

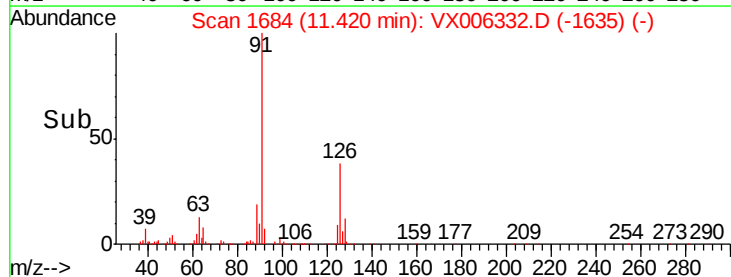
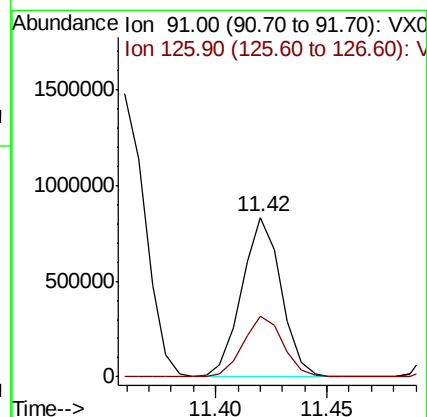
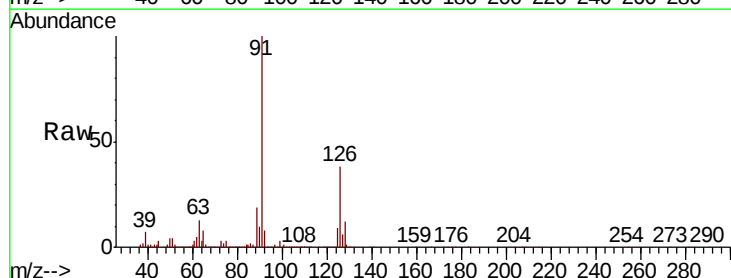
Acq: 06 Dec 2018 21:23

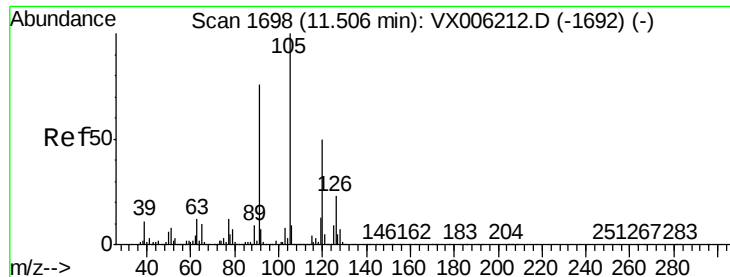
Tgt Ion: 91 Resp: 1023219

Ion Ratio Lower Upper

91 100

126 38.4 18.6 56.0





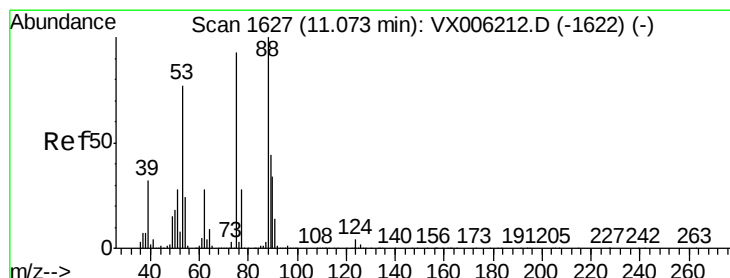
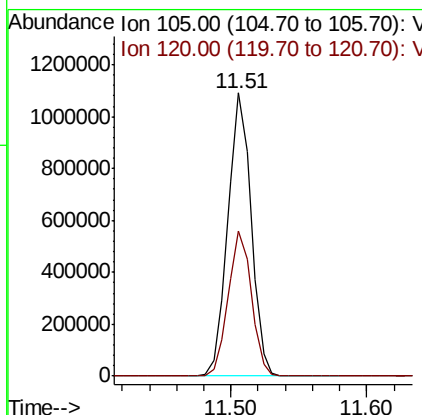
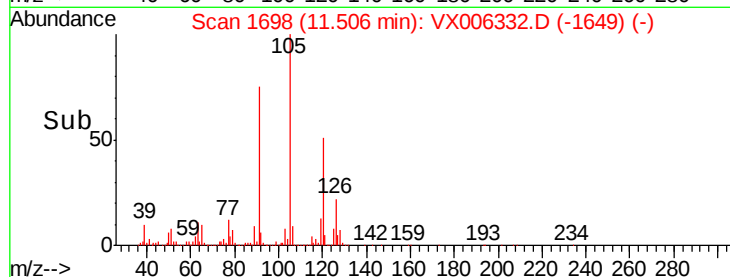
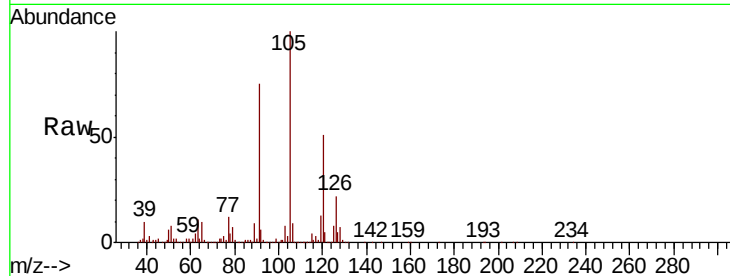
#80
 1,3,5-Trimethylbenzene
 Concen: 50.002 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion: 105 Resp: 1296775
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.4 76.0

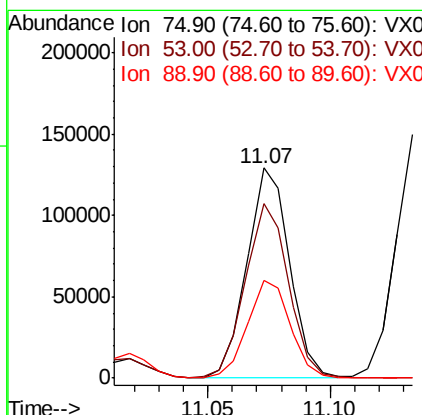
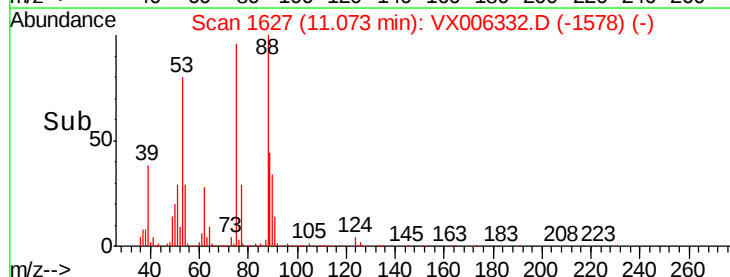
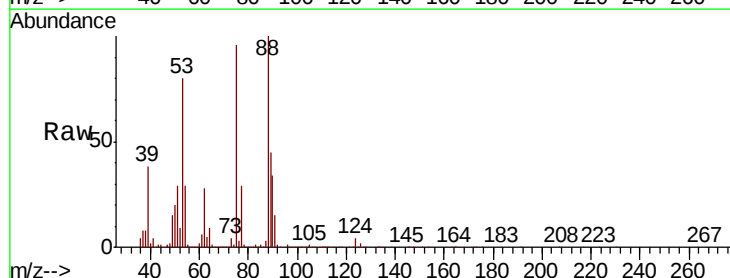
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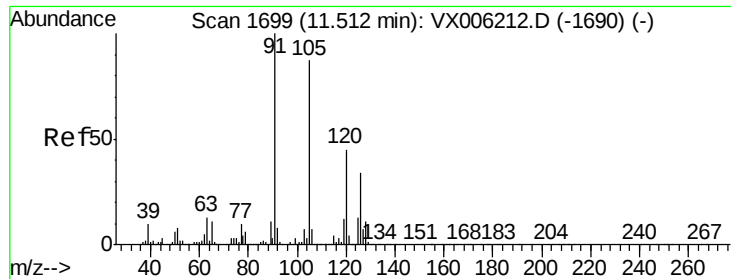
MMDadoda
 12/7/2018 11:19:30 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.338 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion: 75 Resp: 157172
 Ion Ratio Lower Upper
 75 100
 53 83.8 64.4 96.6
 89 47.0 44.2 66.4





#82

4-Chlorotoluene

Concen: 49.027 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion: 91 Resp: 1173880

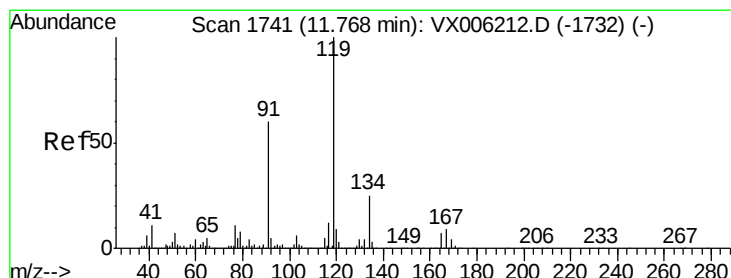
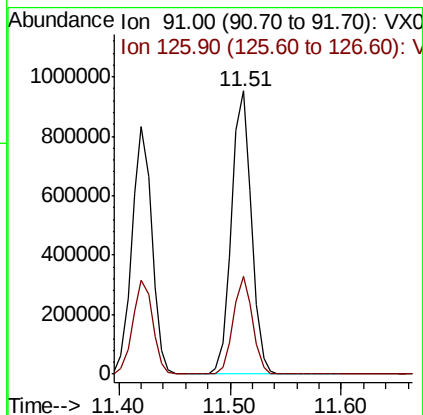
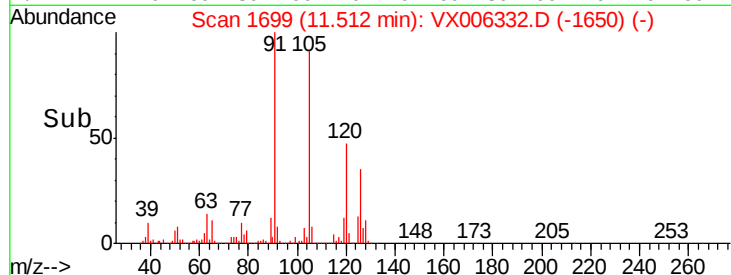
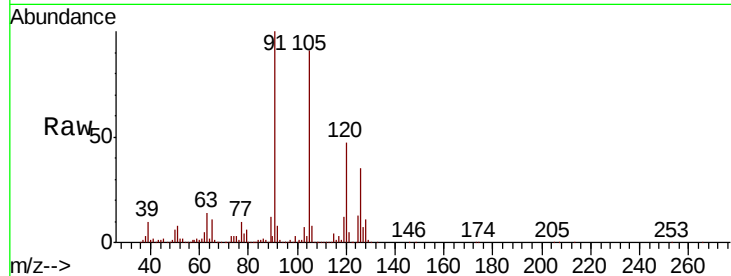
Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.4

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#83

tert-Butylbenzene

Concen: 50.301 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

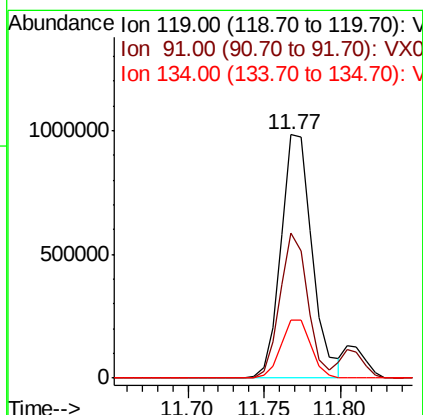
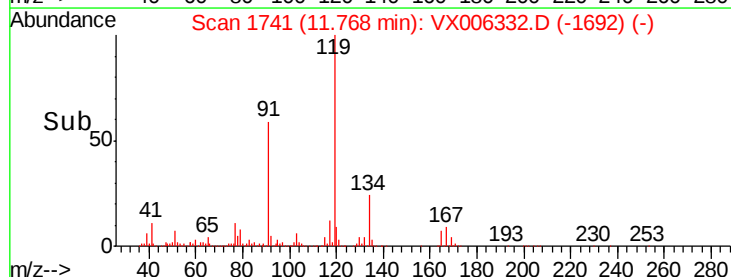
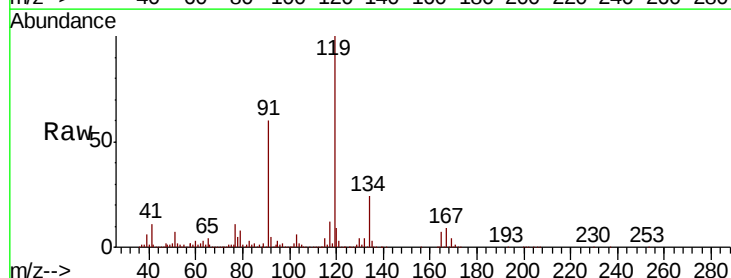
Tgt Ion: 119 Resp: 1391884

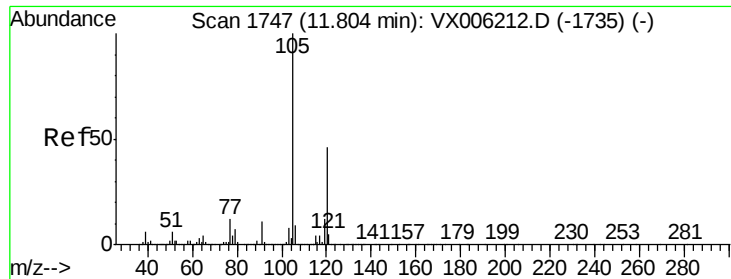
Ion Ratio Lower Upper

119 100

91 53.2 26.4 79.2

134 23.1 11.6 34.7





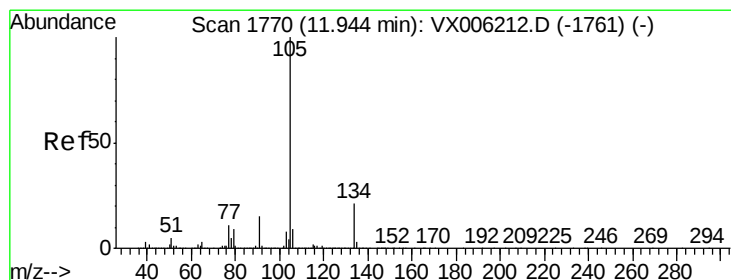
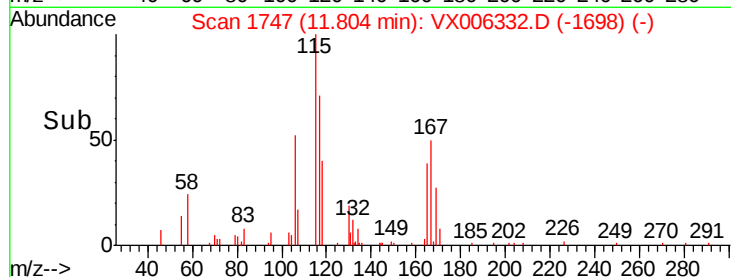
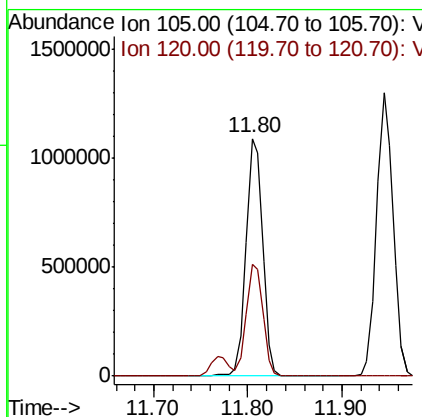
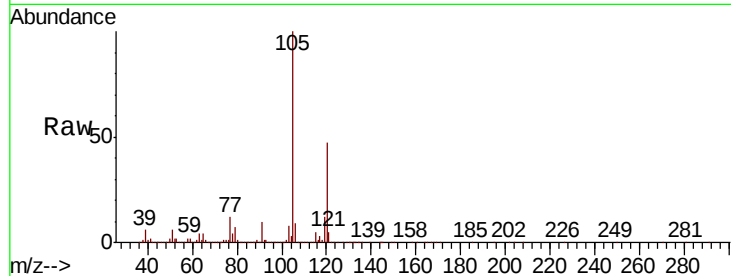
#84
1,2,4-Trimethylbenzene
Concen: 50.081 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion:105 Resp: 1341140
Ion Ratio Lower Upper
105 100
120 47.1 23.4 70.0

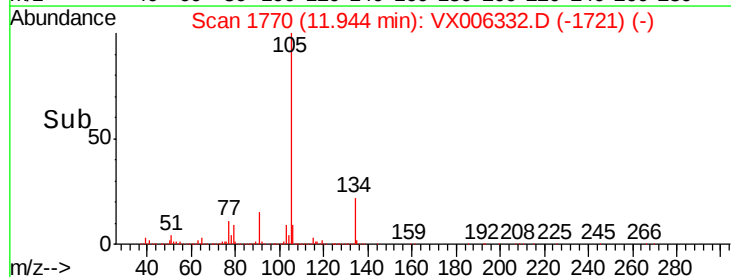
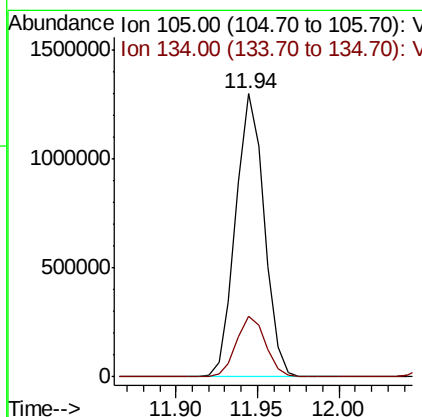
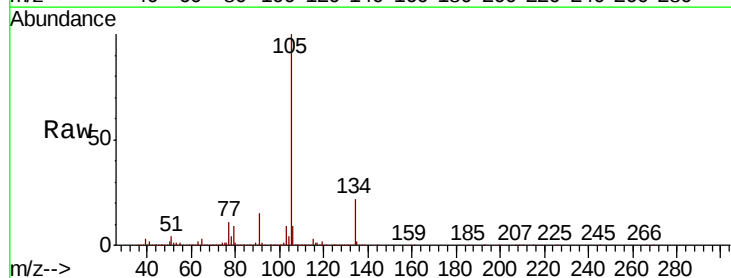
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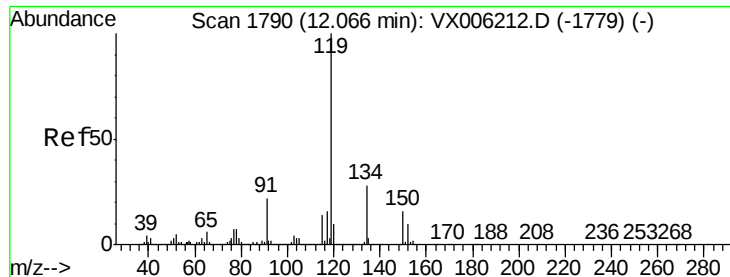
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#85
sec-Butylbenzene
Concen: 50.463 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX006332.D
Acq: 06 Dec 2018 21:23

Tgt Ion:105 Resp: 1588549
Ion Ratio Lower Upper
105 100
134 21.8 10.8 32.4





#86

p-Isopropyltoluene

Concen: 50.302 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:119 Resp: 1425874

Ion Ratio Lower Upper

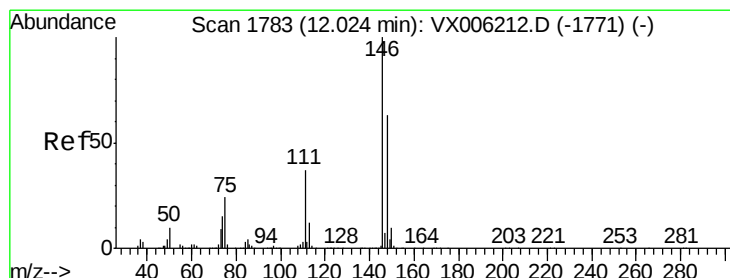
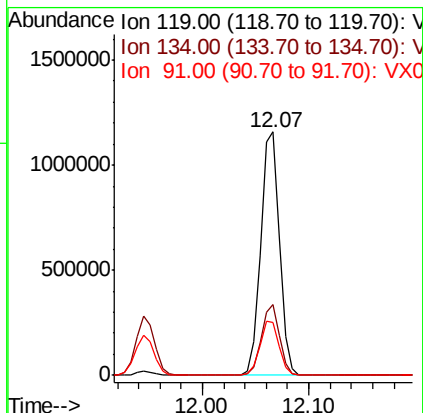
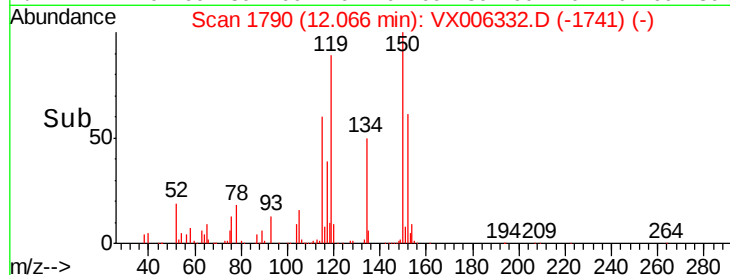
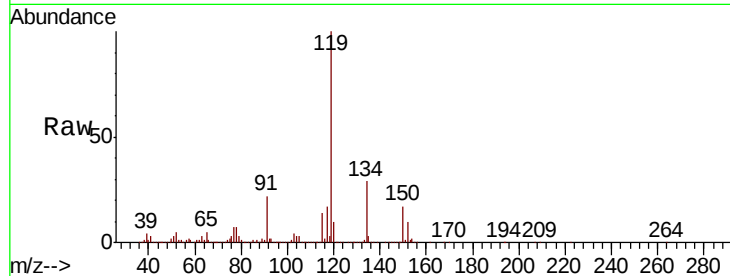
119 100

134 28.0 13.9 41.6

91 22.4 11.3 33.8

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 49.801 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

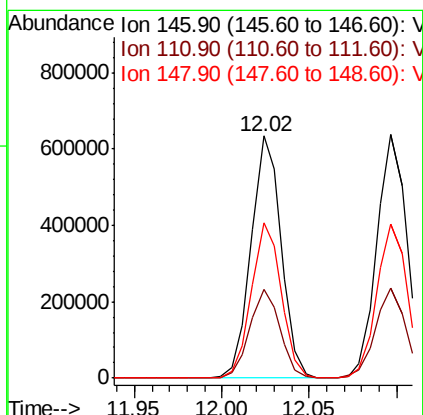
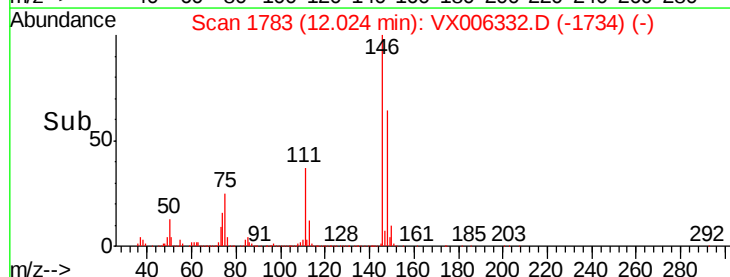
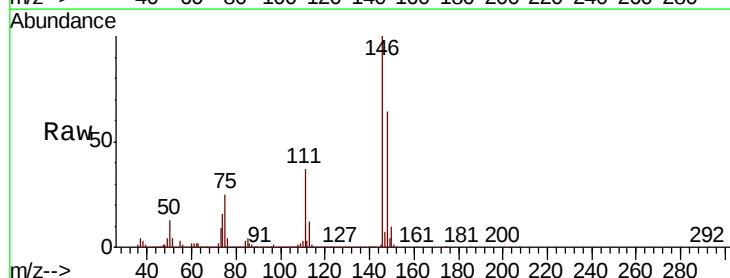
Tgt Ion:146 Resp: 766532

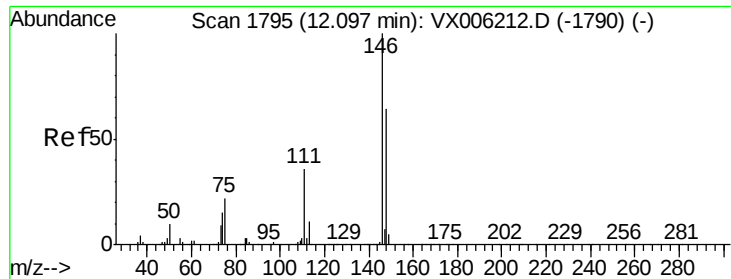
Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

148 63.8 32.0 96.0





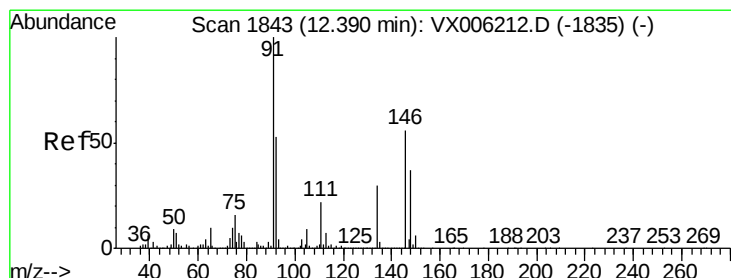
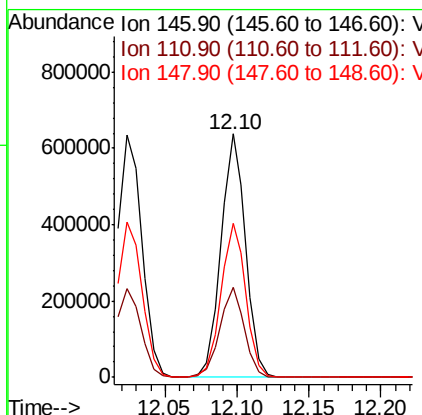
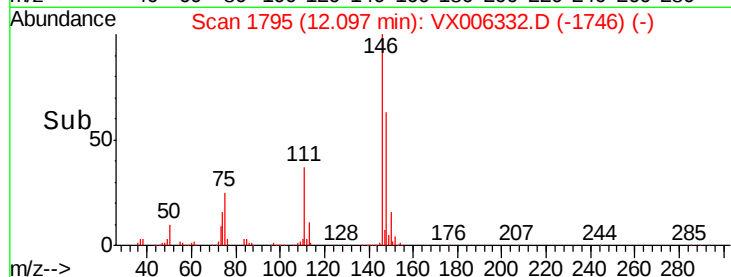
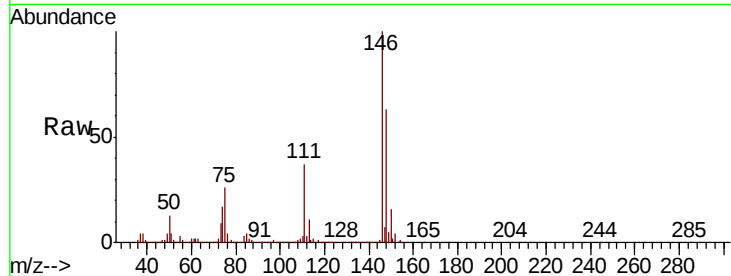
#88
 1,4-Dichlorobenzene
 Concen: 49.022 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.3	54.8
148	63.6	31.9	95.9

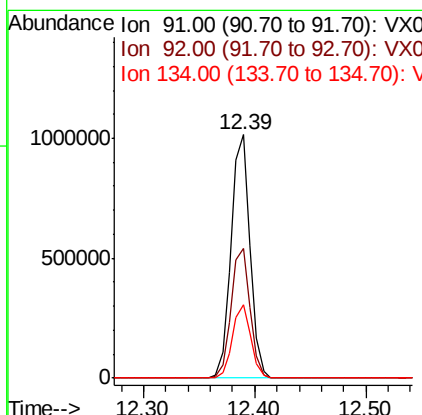
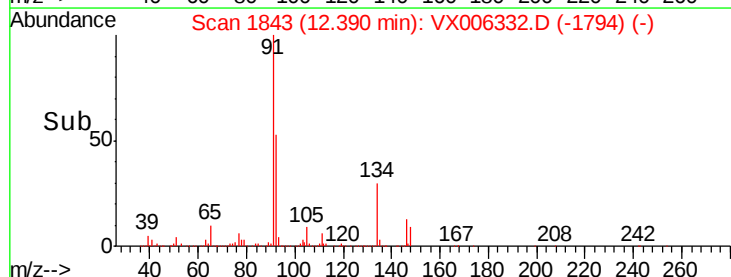
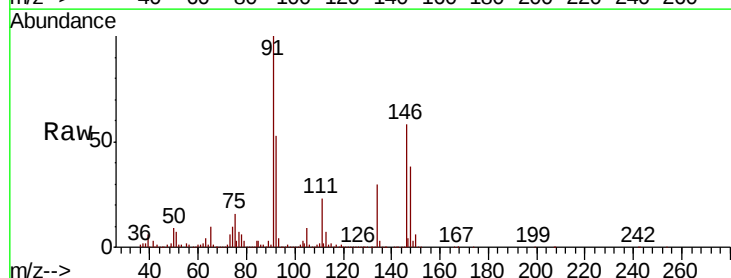
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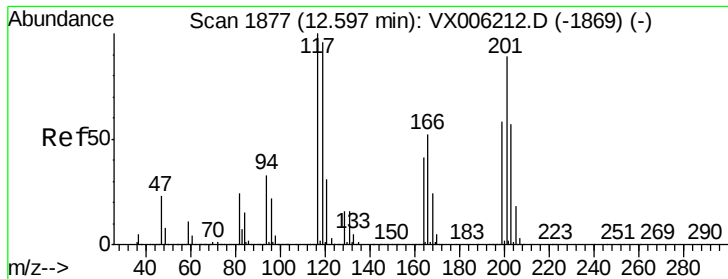
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 12/7/2018 11:19:30 AM



#89
 n-Butylbenzene
 Concen: 49.077 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	29.4	14.8	44.3





#90

Hexachloroethane

Concen: 47.060 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:117 Resp: 271879

Ion Ratio Lower Upper

117 100

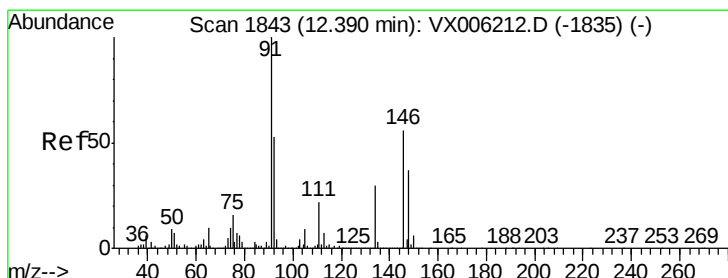
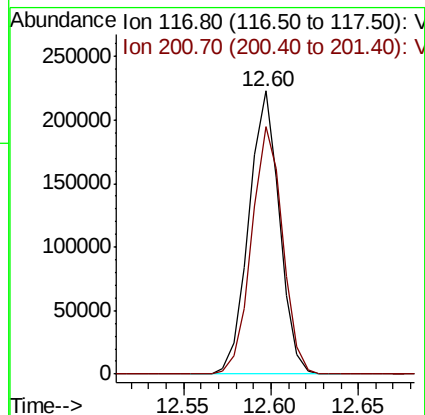
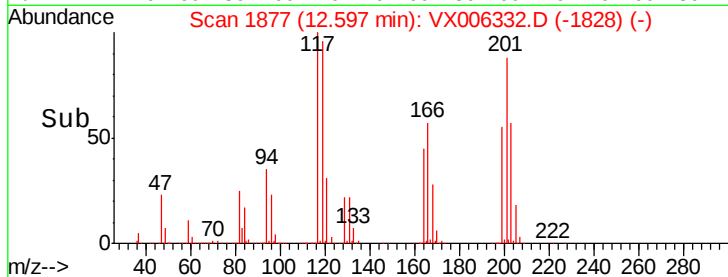
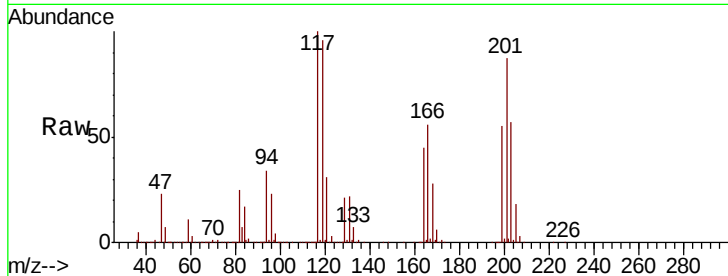
201 88.9 44.7 134.1

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#91

1,2-Dichlorobenzene

Concen: 49.562 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

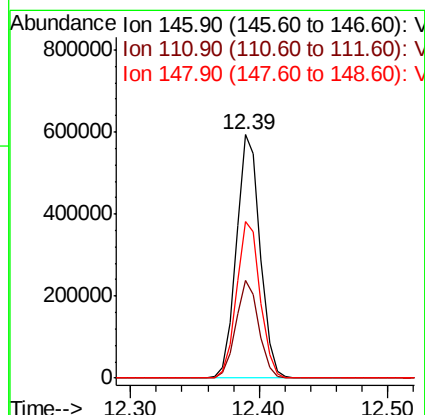
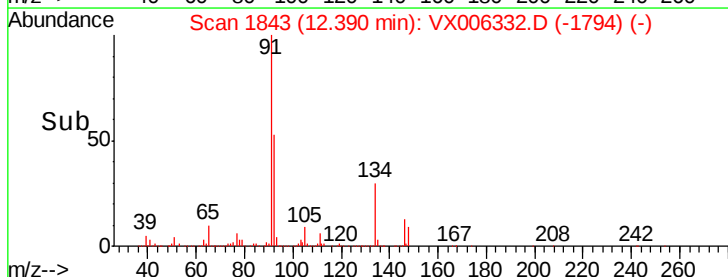
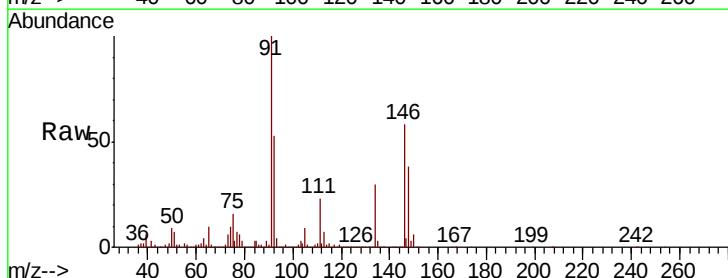
Tgt Ion:146 Resp: 757104

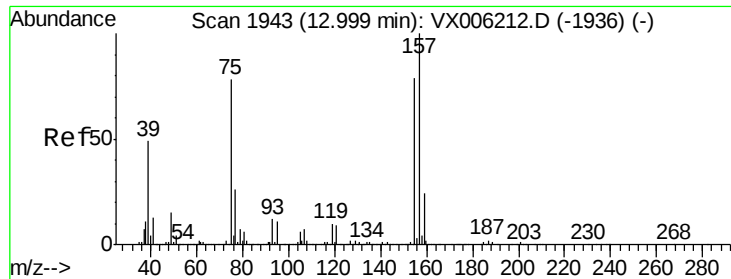
Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.3

148 64.2 32.1 96.3





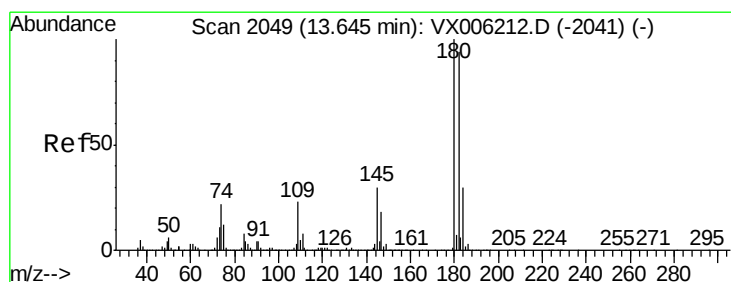
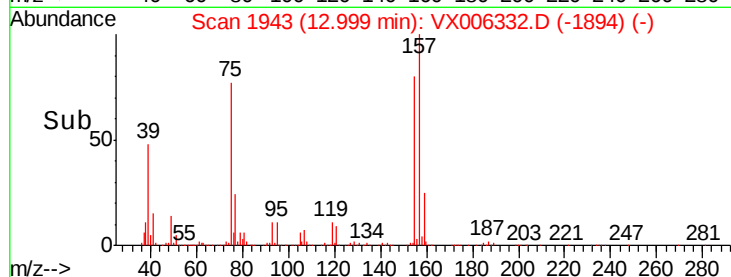
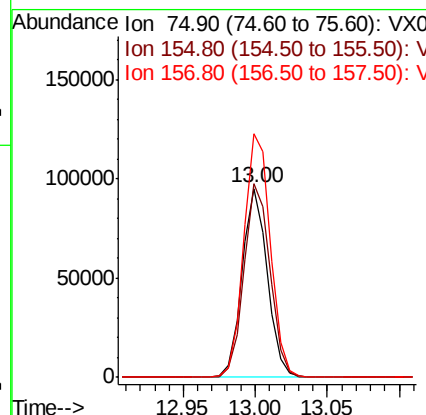
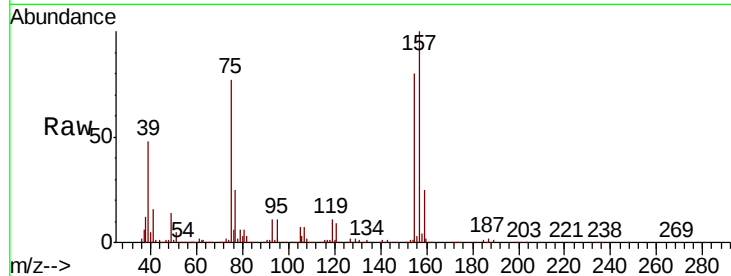
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.365 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	105.3	53.4	160.3
157	134.8	68.0	203.8

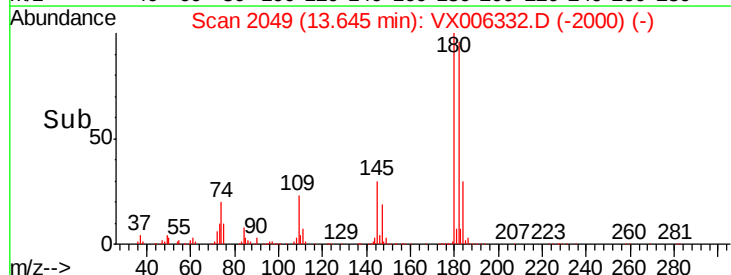
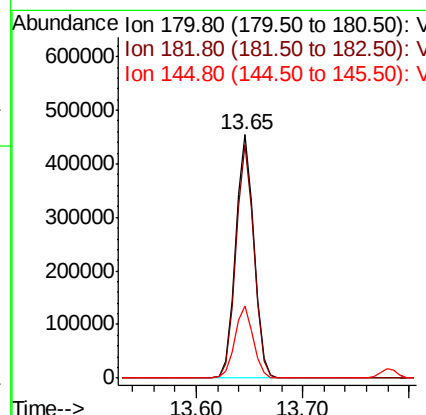
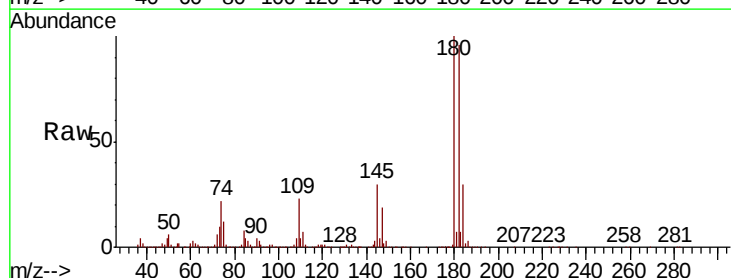
Manual Integrations
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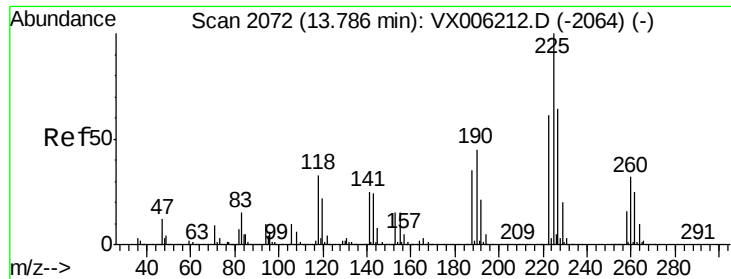
MMDadoda
 12/7/2018 11:19:30 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.176 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	29.8	14.6	43.8





#94

Hexachlorobutadiene

Concen: 50.346 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Instrument :

MSVOA_X

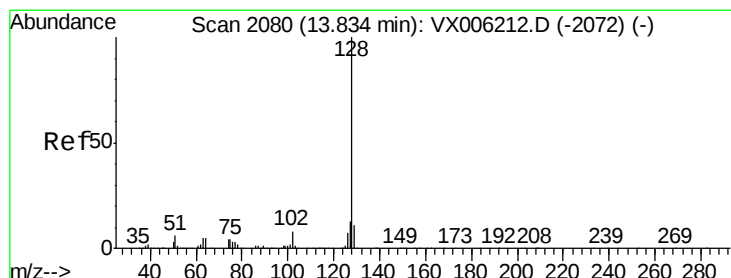
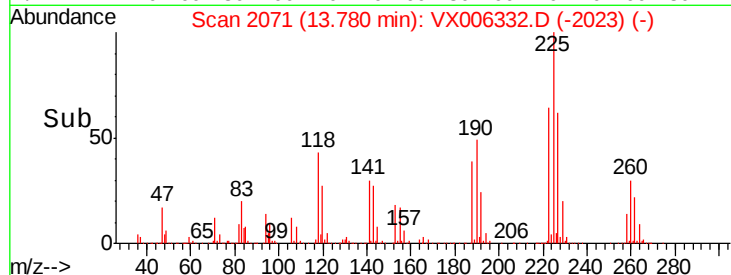
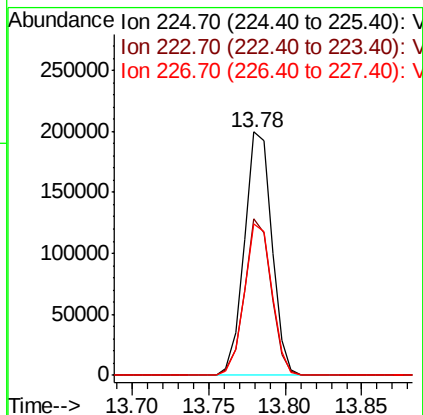
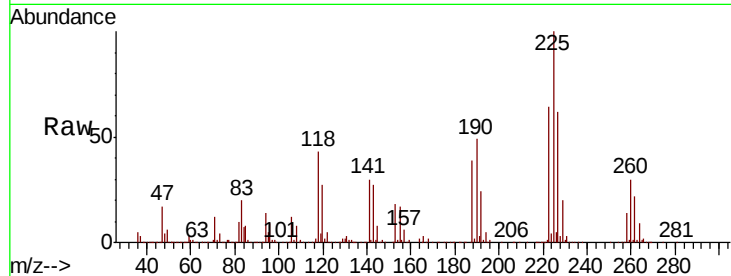
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	225	Resp:	248137
Ion Ratio		Lower	Upper
225	100		
223	62.5	31.2	93.6
227	62.4	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:19:30 AM



#95

Naphthalene

Concen: 50.564 ug/l

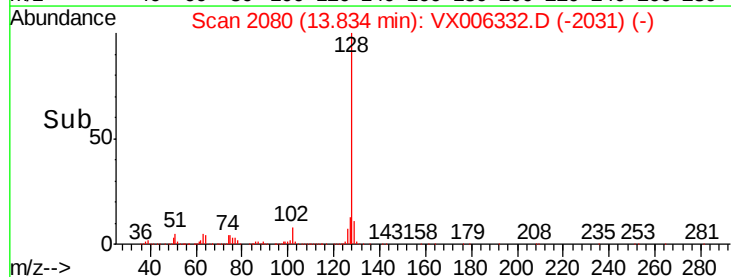
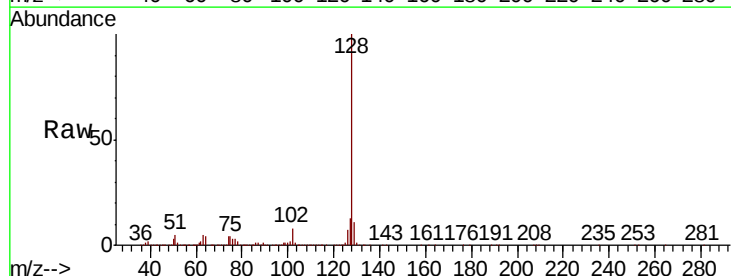
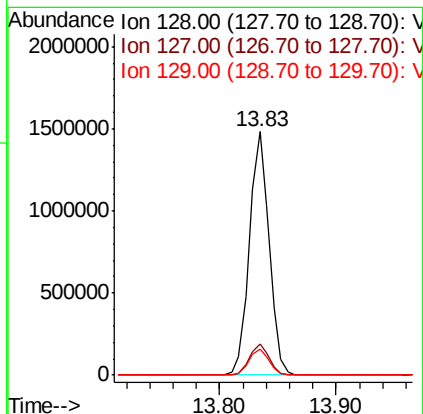
RT: 13.83 min Scan# 2080

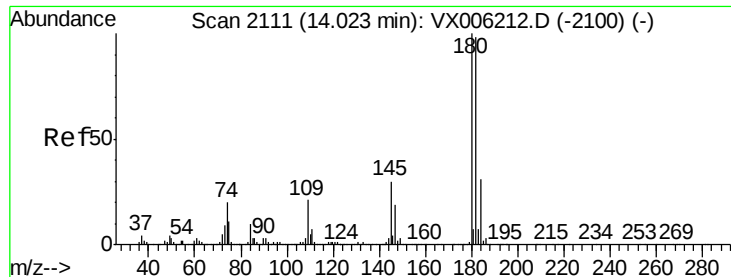
Delta R.T. 0.00 min

Lab File: VX006332.D

Acq: 06 Dec 2018 21:23

Tgt Ion:	128	Resp:	1752910
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 50.296 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX006332.D
 Acq: 06 Dec 2018 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	48.4	145.2
145	31.1	15.6	46.8

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:30 AM

