

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010089.D
 Acq On : 05 Jun 2019 19:58
 Operator : JC/SP
 Sample : K3190-16MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 9:32:24 AM

Quant Time: Jun 06 07:29:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	153457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	244483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	103331	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	75228	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	305274	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	112183	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	101585	54.173	ug/l	100
3) Chloromethane	1.32	50	118542	47.022	ug/l	99
4) Vinyl Chloride	1.41	62	108068	47.553	ug/l	98
5) Bromomethane	1.64	94	69199	50.257	ug/l	99
6) Chloroethane	1.71	64	65099	46.534	ug/l	99
7) Trichlorofluoromethane	1.92	101	123360	49.122	ug/l	98
8) Diethyl Ether	2.19	74	54101	45.843	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73249	48.311	ug/l	97
10) Methyl Iodide	2.51	142	95766	50.914	ug/l	99
11) Tert butyl alcohol	3.06	59	124297	232.996	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76953	49.516	ug/l	98
13) Acrolein	2.29	56	85822	228.902	ug/l	99
14) Allyl chloride	2.73	41	166274	44.020	ug/l	99
15) Acrylonitrile	3.14	53	306618	238.541	ug/l	99
16) Acetone	2.45	43	266163	212.513	ug/l	98
17) Carbon Disulfide	2.57	76	229078	48.690	ug/l	100
18) Methyl Acetate	2.78	43	135677	46.556	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	288720	49.208	ug/l	98
20) Methylene Chloride	2.85	84	92596	48.278	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	83407	48.234	ug/l	96
22) Diisopropyl ether	3.85	45	348959	48.554	ug/l	97
23) Vinyl Acetate	3.82	43	1562898	242.070	ug/l	99
24) 1,1-Dichloroethane	3.70	63	171031	49.106	ug/l	99
25) 2-Butanone	4.68	43	461445	236.480	ug/l	99
26) 2,2-Dichloropropane	4.58	77	105267	39.954	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	96473	48.331	ug/l	95
28) Bromochloromethane	5.02	49	80838	44.726	ug/l	96
29) Tetrahydrofuran	5.13	42	304222	243.125	ug/l	99
30) Chloroform	5.21	83	156408	49.794	ug/l	99
31) Cyclohexane	5.58	56	166510	50.476	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	131232	51.300	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119741	48.272	ug/l	99
37) Ethyl Acetate	4.84	43	173000	50.053	ug/l	99
38) Carbon Tetrachloride	5.79	117	109826	51.236	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146948	49.942	ug/l	98
40) Benzene	6.14	78	370900	50.404	ug/l	100
41) Methacrylonitrile	5.04	41	97940	48.493	ug/l	99
42) 1,2-Dichloroethane	6.19	62	134954	49.608	ug/l	100
43) Isopropyl Acetate	6.45	43	270640	48.528	ug/l	99
44) Trichloroethene	7.21	130	89511	50.079	ug/l	95
45) 1,2-Dichloropropane	7.51	63	103820	49.012	ug/l	98
46) Dibromomethane	7.66	93	60114	48.212	ug/l	97
47) Bromodichloromethane	7.90	83	121253	51.139	ug/l	100
48) Methyl methacrylate	7.77	41	139397	50.492	ug/l	99
49) 1,4-Dioxane	7.74	88	51359	1000.107	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	914491	252.072	ug/l	100
52) Toluene	8.78	92	228533	51.151	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139166	48.940	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	151000	48.737	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90716	50.447	ug/l	98
56) Ethyl methacrylate	9.18	69	167638	52.364	ug/l	100
57) 1,3-Dichloropropane	9.37	76	161254	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	411323	245.019	ug/l	99
59) 2-Hexanone	9.49	43	695339	248.946	ug/l	99
60) Dibromochloromethane	9.58	129	92901	52.519	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93931	50.845	ug/l	100
64) Tetrachloroethene	9.34	164	82497	52.516	ug/l	97
65) Chlorobenzene	10.14	112	237054	50.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85028	52.069	ug/l	100
67) Ethyl Benzene	10.25	91	435092	51.468	ug/l	99
68) m/p-Xylenes	10.36	106	322388	103.227	ug/l	99
69) o-Xylene	10.70	106	157845	52.700	ug/l	98
70) Styrene	10.71	104	275422	52.441	ug/l	99
71) Bromoform	10.85	173	72143	54.046	ug/l	99
73) Isopropylbenzene	11.02	105	416582	50.495	ug/l	99
74) N-amyl acetate	10.90	43	241534	48.994	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	150143	48.782	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	131741m	49.270	ug/l	
77) Bromobenzene	11.26	156	105724	50.285	ug/l	96
78) n-propylbenzene	11.36	91	480579	50.537	ug/l	100
79) 2-Chlorotoluene	11.42	91	285851	49.199	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	355696	51.177	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50206	46.456	ug/l	99
82) 4-Chlorotoluene	11.51	91	331669	49.038	ug/l	99
83) tert-Butylbenzene	11.77	119	338909	50.968	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	354003	50.153	ug/l	100
85) sec-Butylbenzene	11.94	105	402423	50.871	ug/l	100
86) p-Isopropyltoluene	12.06	119	362741	50.980	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183219	48.948	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183405	48.045	ug/l	99
89) n-Butylbenzene	12.38	91	328033	49.056	ug/l	99
90) Hexachloroethane	12.60	117	62551	51.225	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	184592	50.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34516	47.642	ug/l	95

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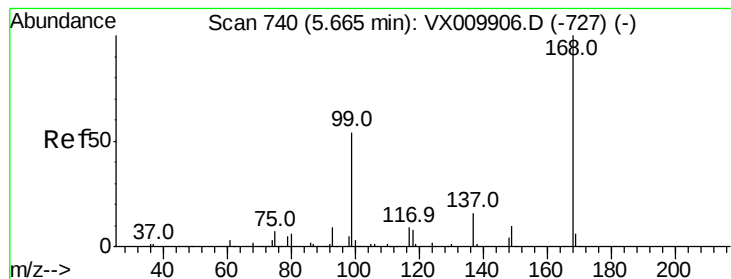
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129131	48.964	ug/l	100
94) Hexachlorobutadiene	13.78	225	60207	45.515	ug/l	100
95) Naphthalene	13.83	128	415282	50.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130580	49.465	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:168 Resp: 153457

Ion Ratio Lower Upper

168 100

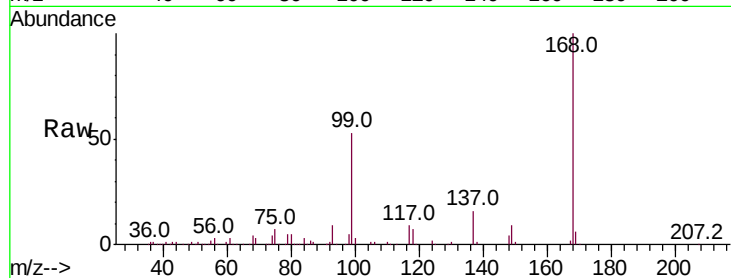
99 52.7 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

20000

10000

0

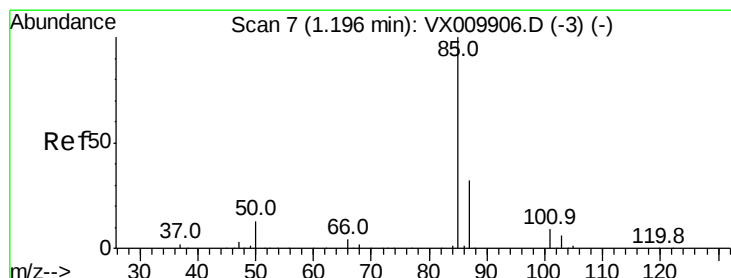
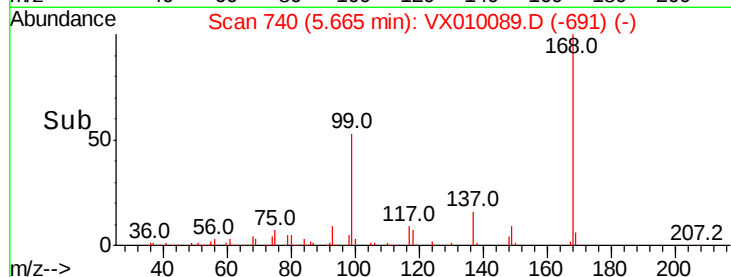
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 54.173 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010089.D

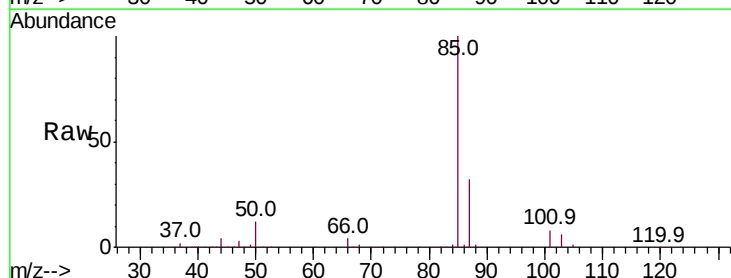
Acq: 05 Jun 2019 19:58

Tgt Ion: 85 Resp: 101585

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

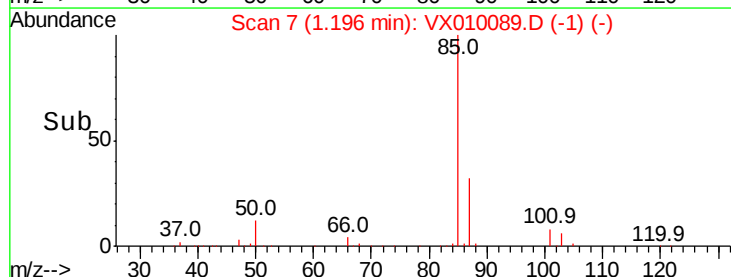
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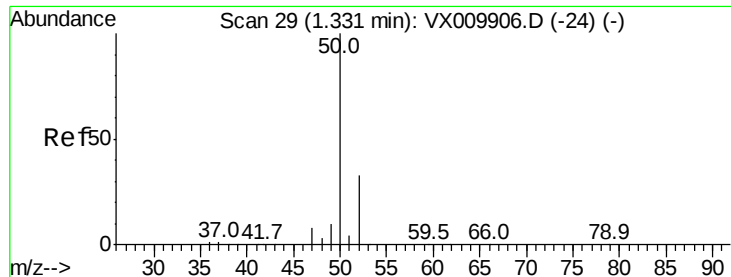
Time-->

1.10

1.20

1.30





#3

Chloromethane

Concen: 47.022 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion: 50 Resp: 118542

Ion Ratio Lower Upper

50 100

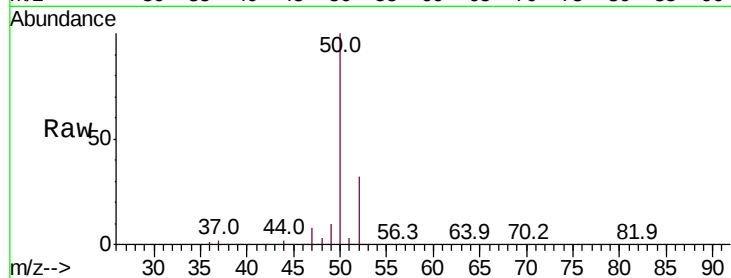
52 31.7 26.0 39.0

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

40000

20000

0

1.25

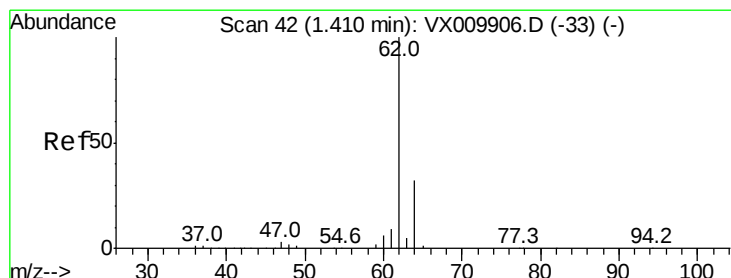
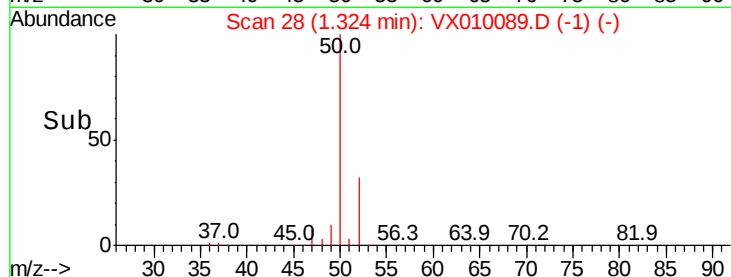
1.30

1.32

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 47.553 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010089.D

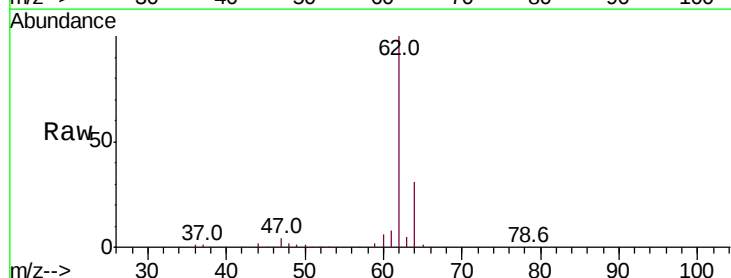
Acq: 05 Jun 2019 19:58

Tgt Ion: 62 Resp: 108068

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

120000

100000

80000

60000

40000

20000

0

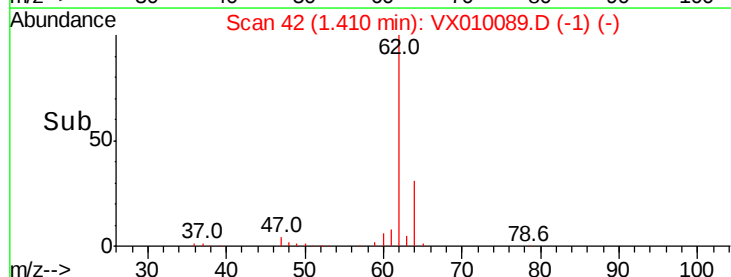
1.30

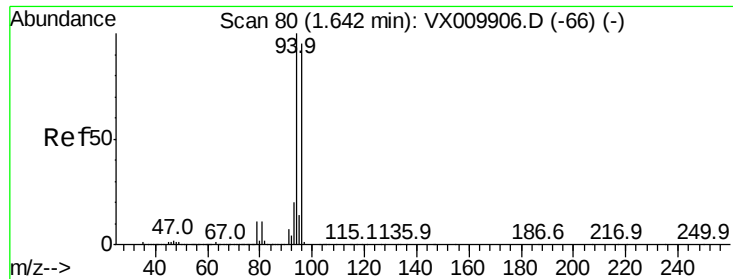
1.40

1.41

1.50

Time-->





#5

Bromomethane

Concen: 50.257 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

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BPS1-TT-MW304S-30190604MS

Tot Ion: 94 Resp: 69199

Ion Ratio Lower Upper

94 100

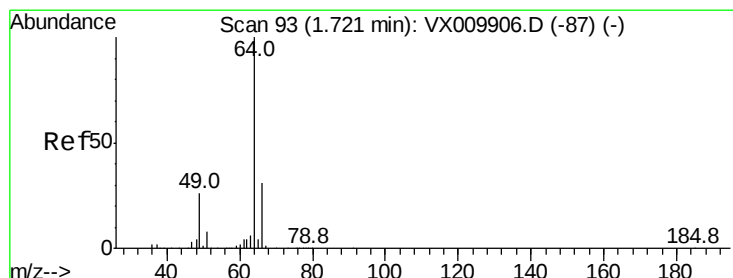
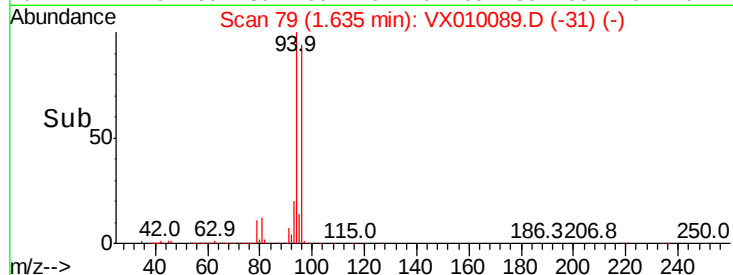
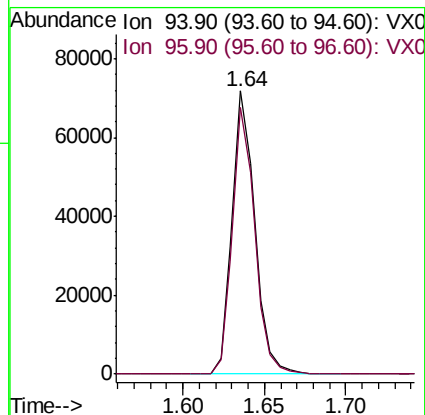
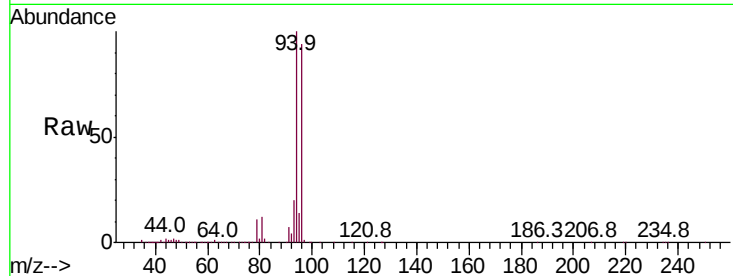
96 94.5 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 46.534 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010089.D

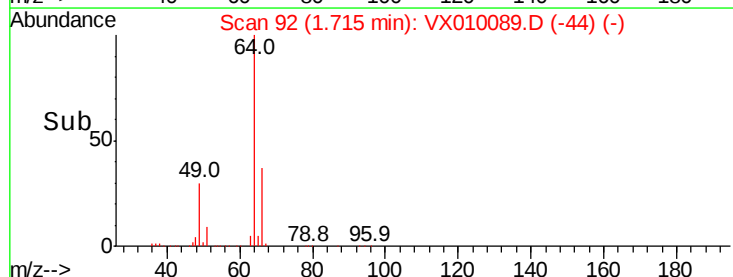
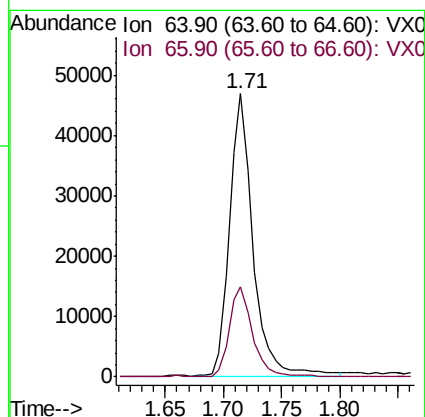
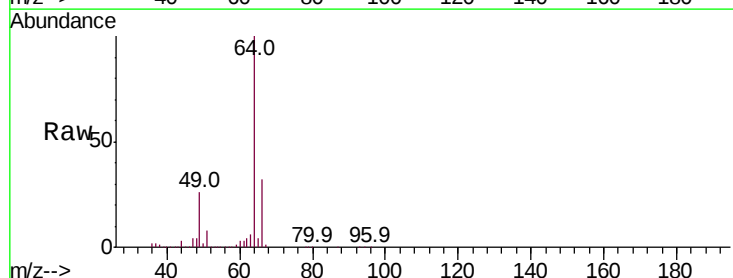
Acq: 05 Jun 2019 19:58

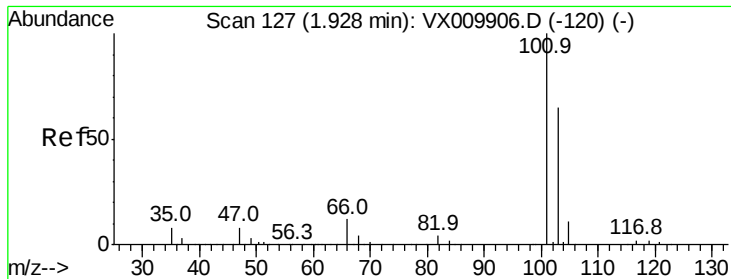
Tgt Ion: 64 Resp: 65099

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7





#7

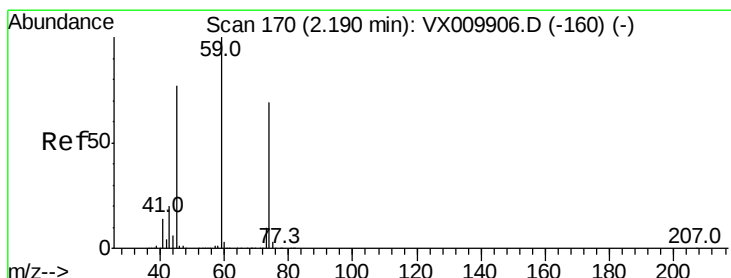
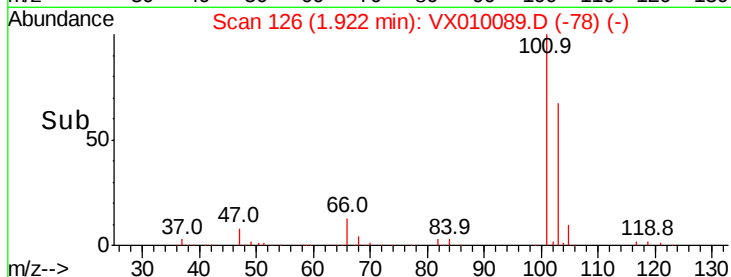
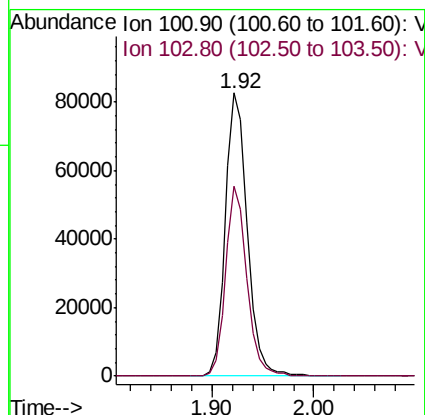
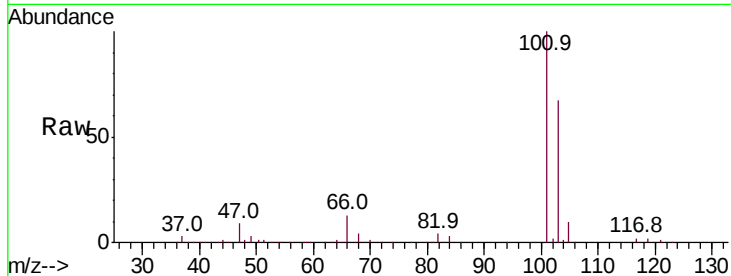
Trichlorofluoromethane
Concen: 49.122 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

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Tot Ion:101 Resp: 123360
Ion Ratio Lower Upper
101 100
103 67.0 52.2 78.4

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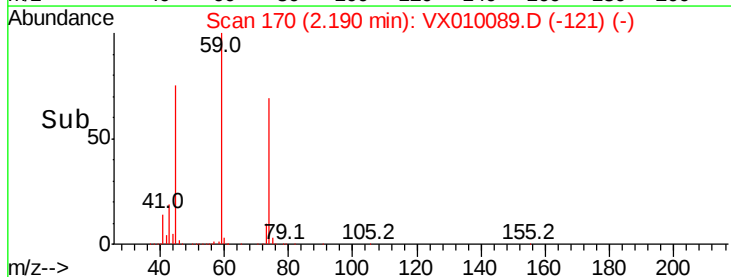
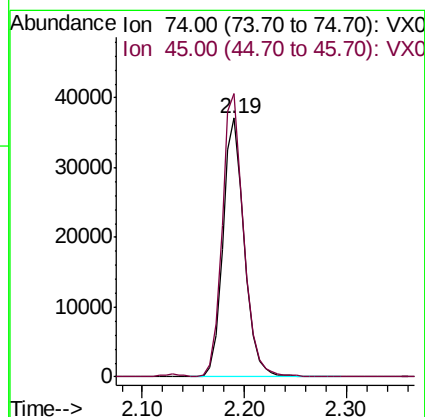
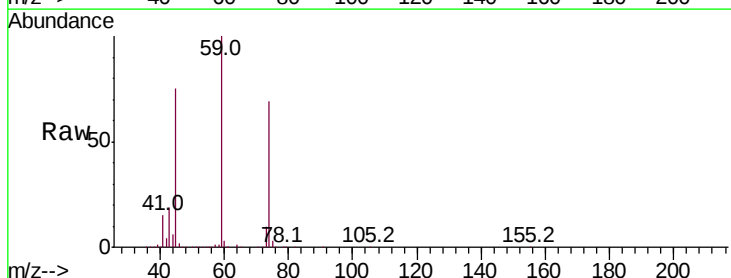
MMDadoda
6/6/2019 9:32:24 AM

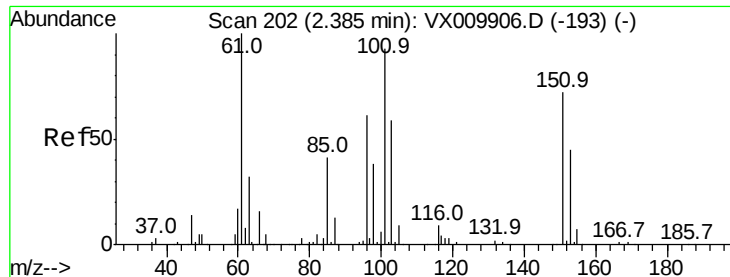


#8

Diethyl Ether
Concen: 45.843 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 74 Resp: 54101
Ion Ratio Lower Upper
74 100
45 109.4 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.311 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

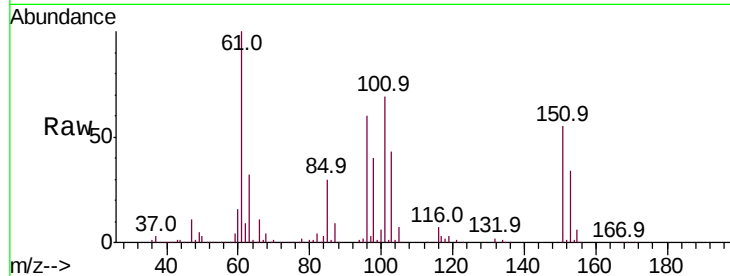
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	101	Resp:	73249
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.2	52.8
151	81.2	61.9	92.9

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6/6/2019 9:32:24 AM

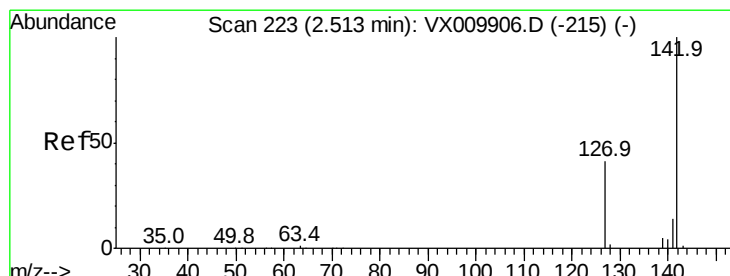
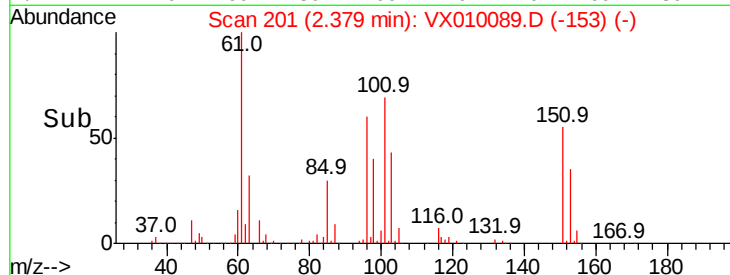
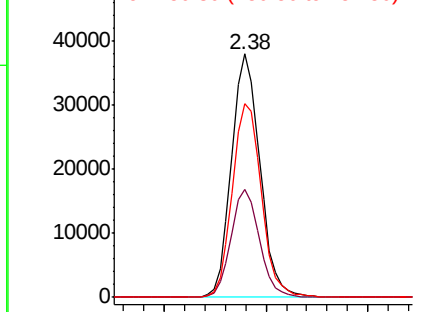


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.914 ug/l

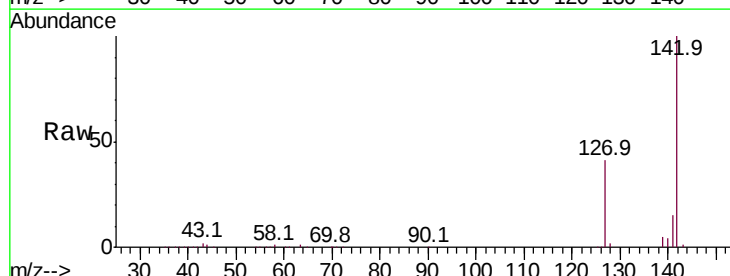
RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	142	Resp:	95766
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.0	49.4
141	14.3	11.4	17.0

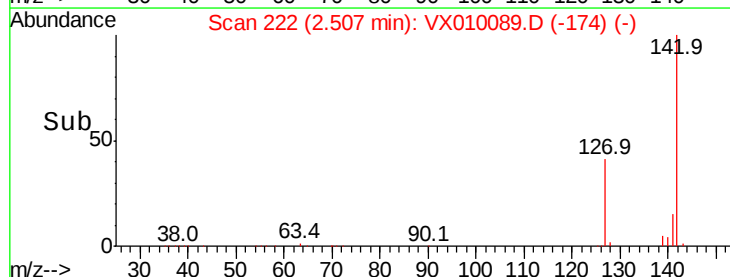
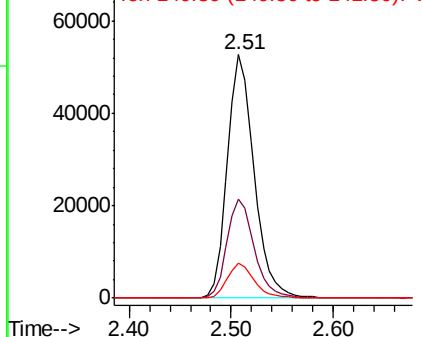


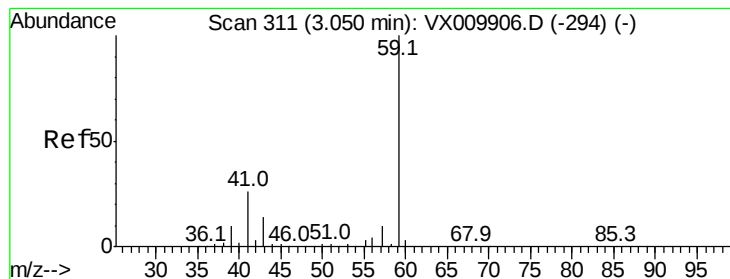
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

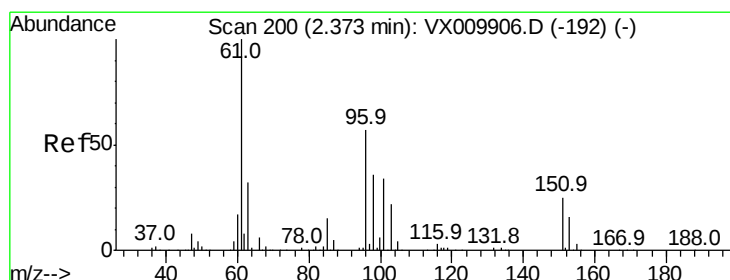
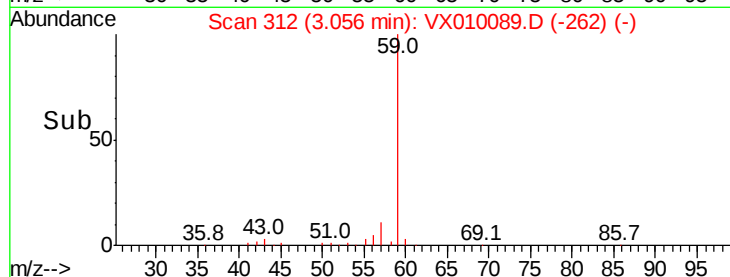
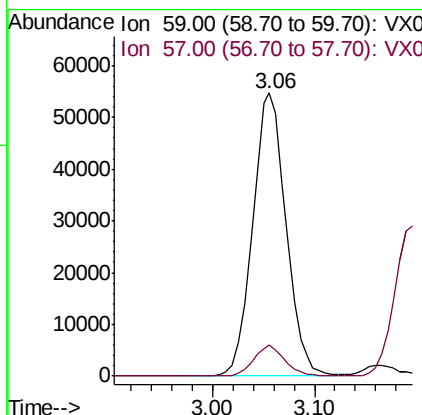
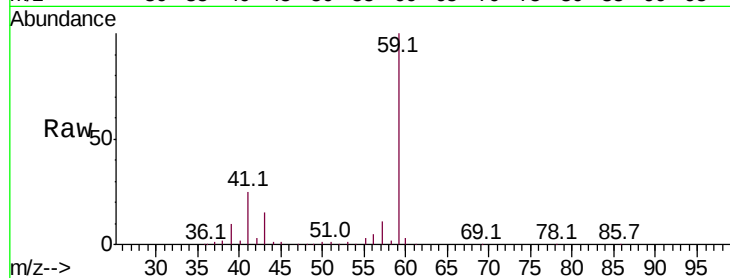
Tert butyl alcohol
Concen: 232.996 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

Manual Integrations
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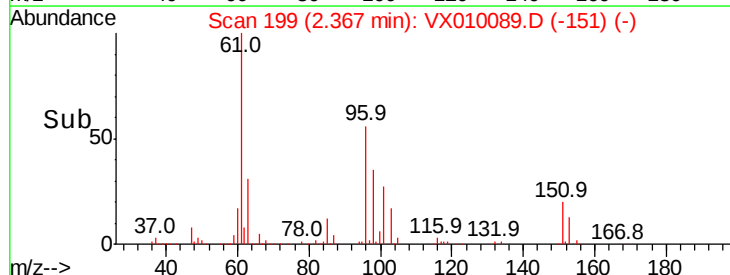
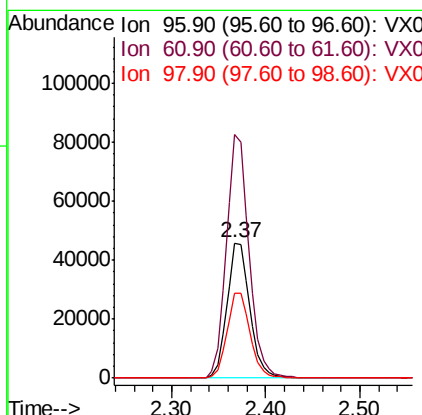
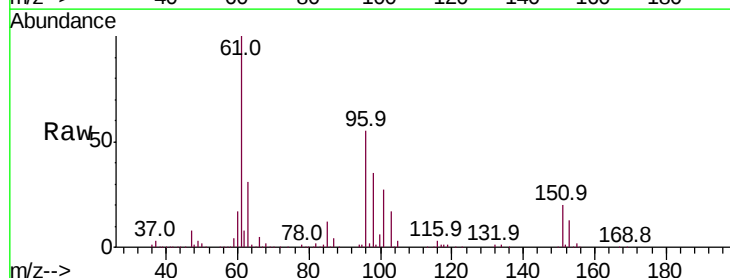
MMDadoda
6/6/2019 9:32:24 AM

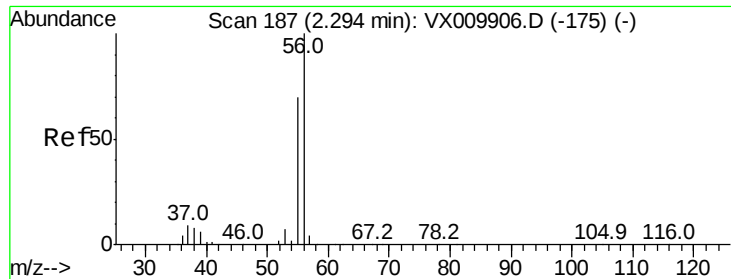


#12

1,1-Dichloroethene
Concen: 49.516 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.2	140.7	211.1
98	62.9	50.1	75.1





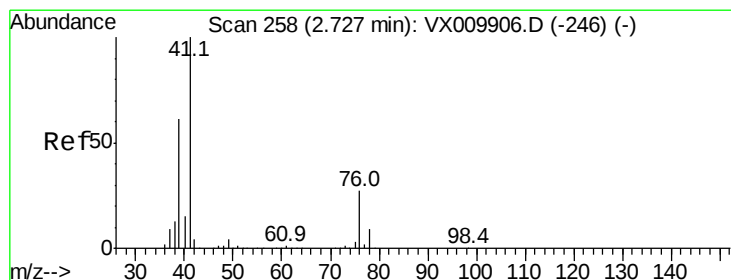
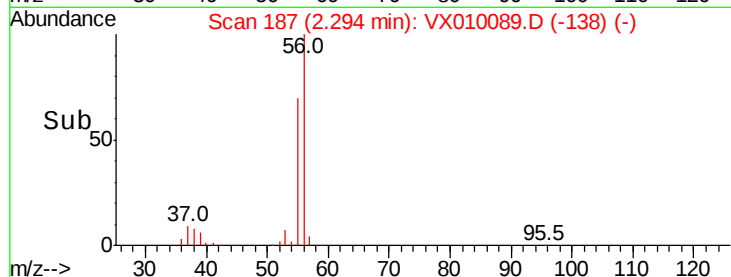
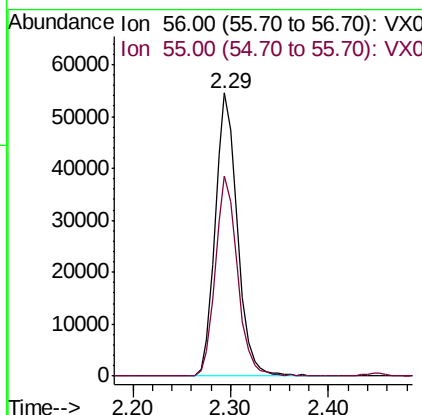
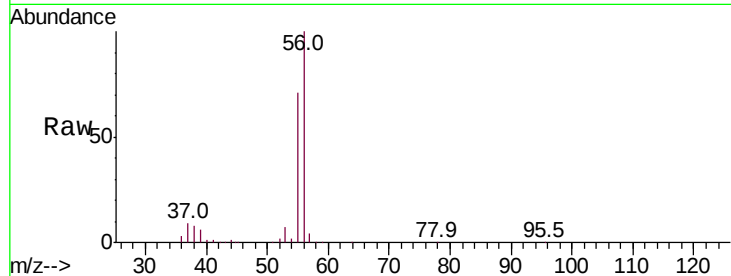
#13
Acrolein
Concen: 228.902 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion: 56 Resp: 85822
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4

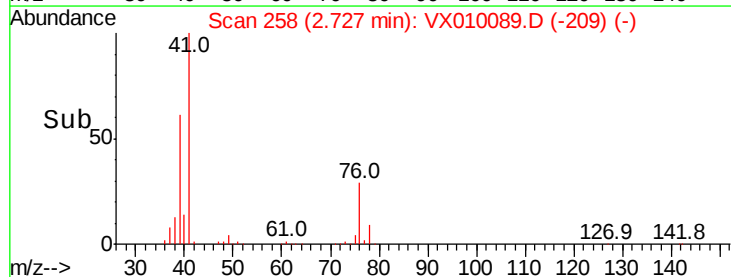
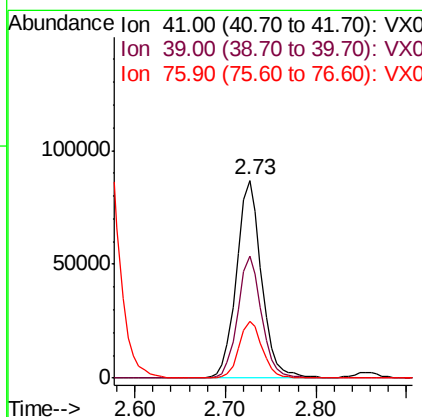
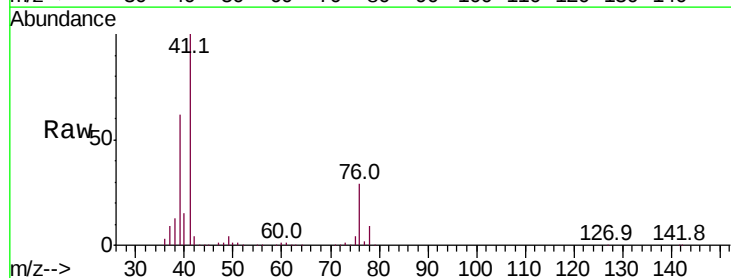
Manual Integrations
APPROVED

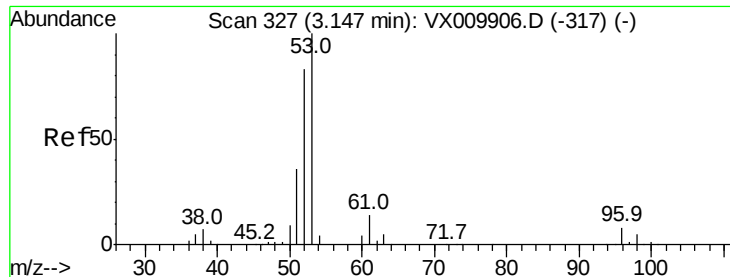
MMDadoda
6/6/2019 9:32:24 AM



#14
Allyl chloride
Concen: 44.020 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 41 Resp: 166274
Ion Ratio Lower Upper
41 100
39 58.7 46.7 70.1
76 26.6 21.0 31.4





#15

Acrylonitrile

Concen: 238.541 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

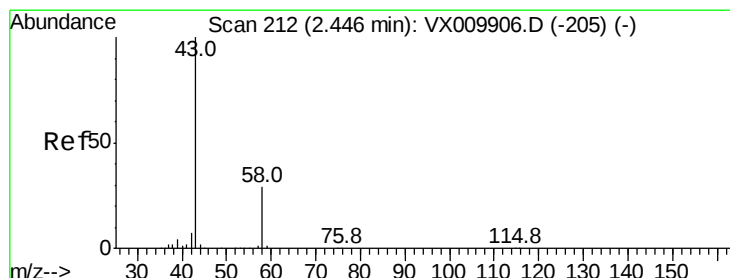
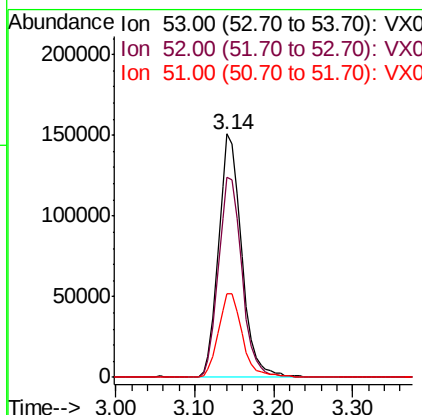
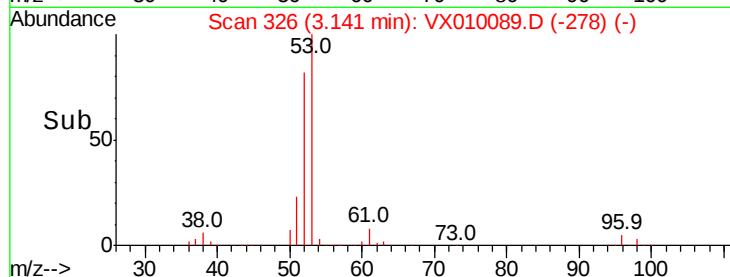
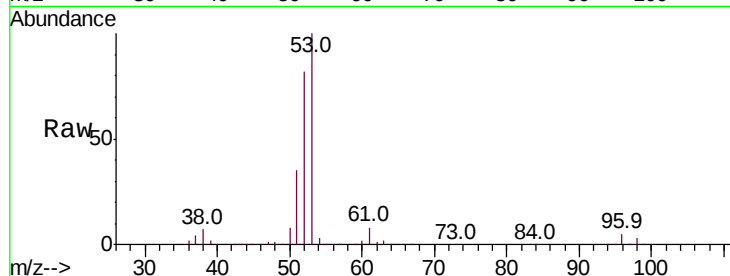
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	53	Resp:	306618
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.7	100.1
51	36.0	28.8	43.2

Manual Integrations
APPROVED

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6/6/2019 9:32:24 AM



#16

Acetone

Concen: 212.513 ug/l

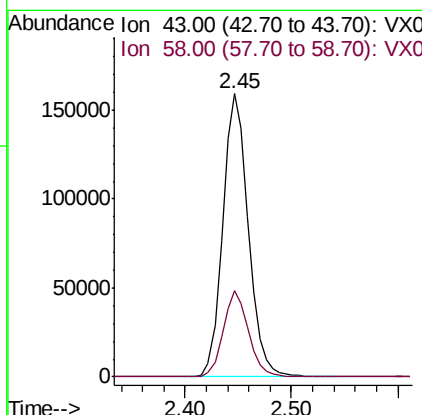
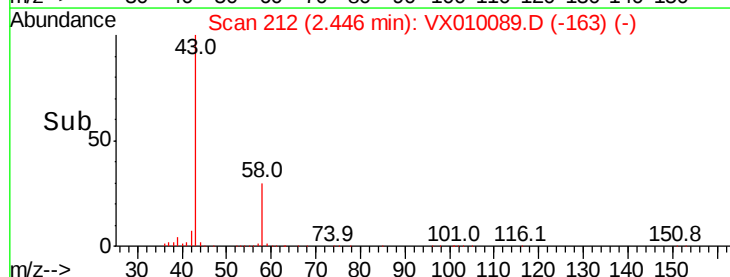
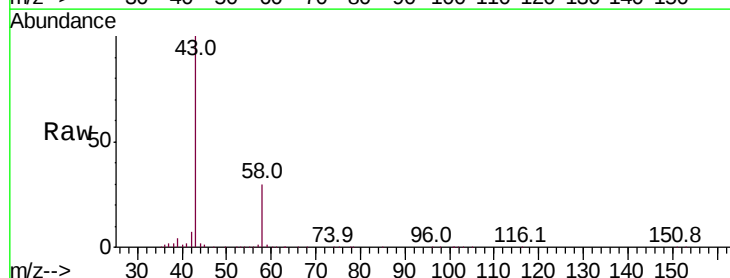
RT: 2.45 min Scan# 212

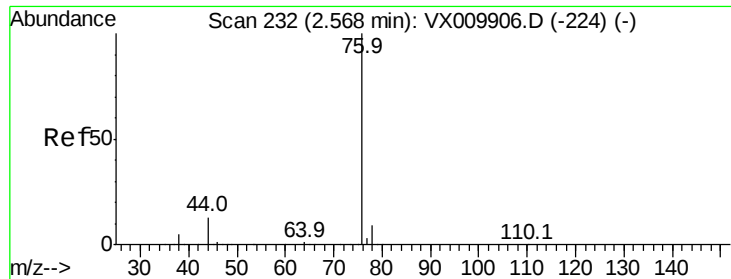
Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	43	Resp:	266163
Ion Ratio	Lower	Upper	
43	100		
58	30.2	23.2	34.8





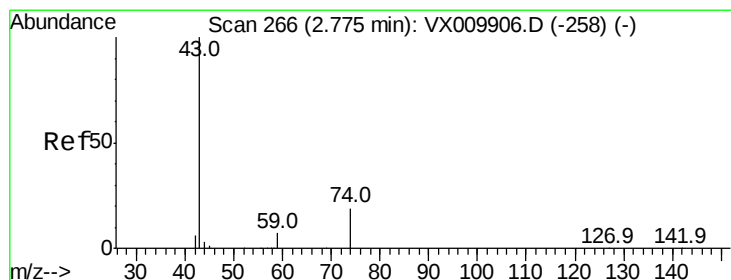
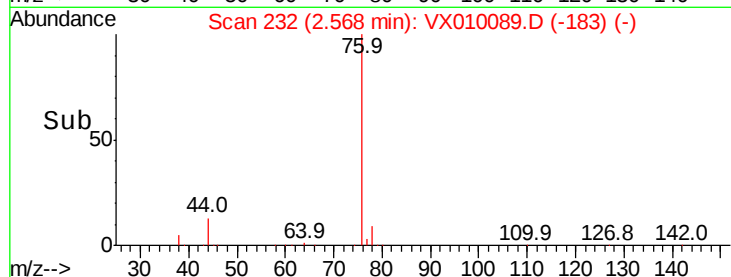
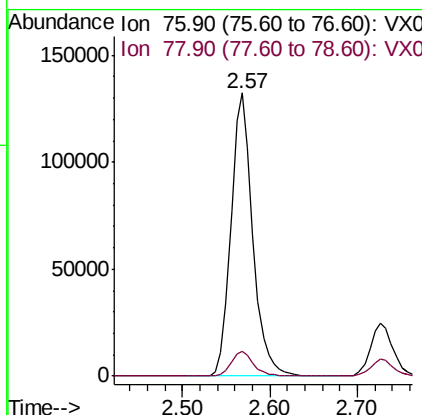
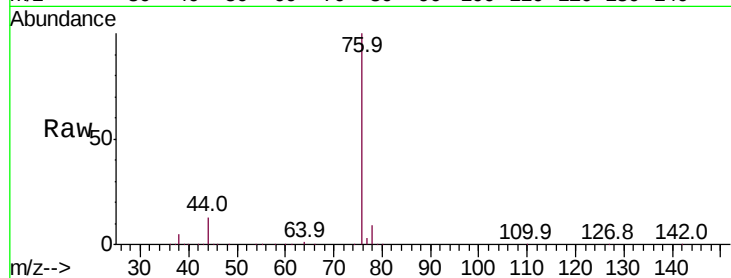
#17
Carbon Disulfide
Concen: 48.690 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

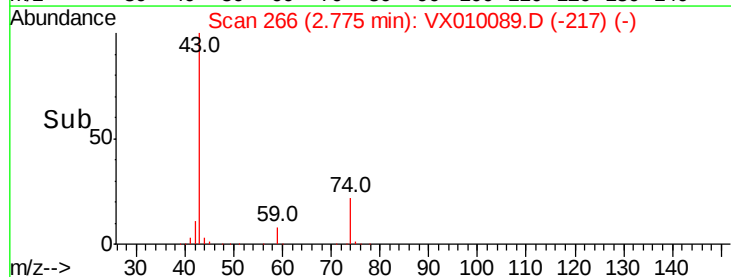
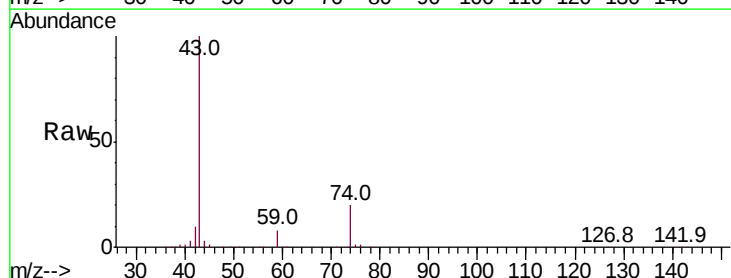
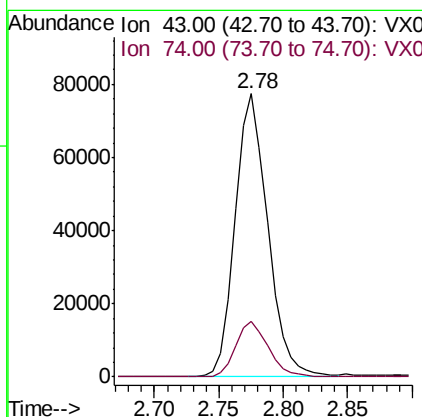
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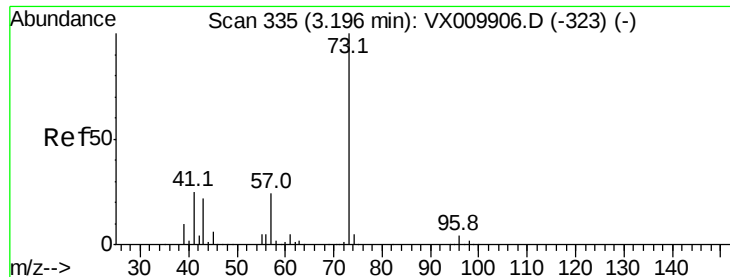
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#18
Methyl Acetate
Concen: 46.556 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	15.8	23.6





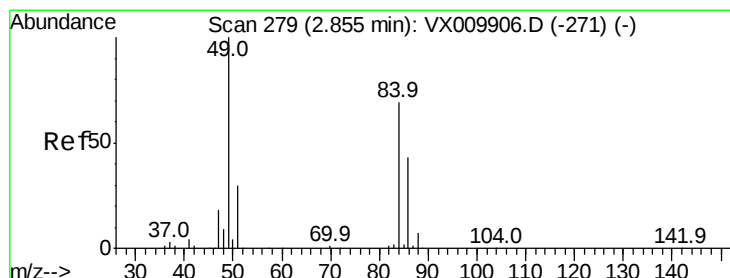
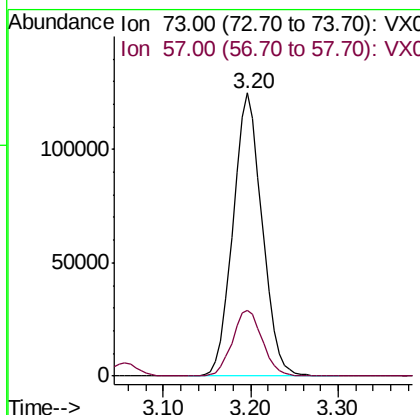
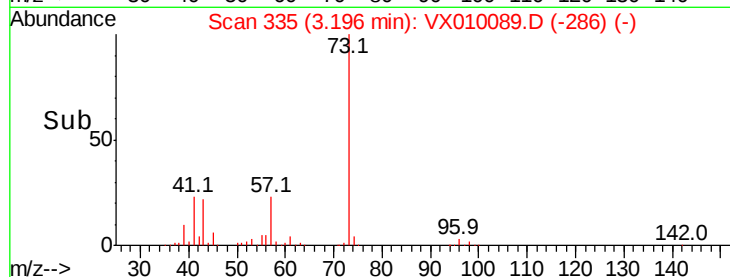
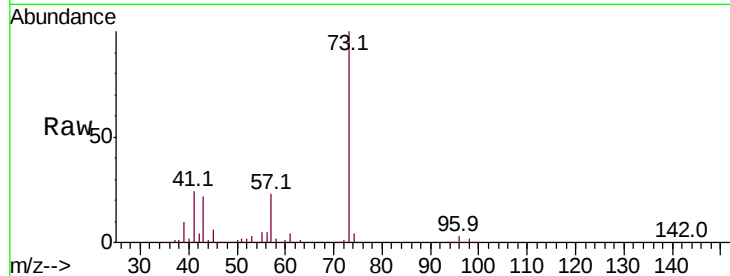
#19
Methvl tert-butvl Ether
Concen: 49.208 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	19.4	29.2

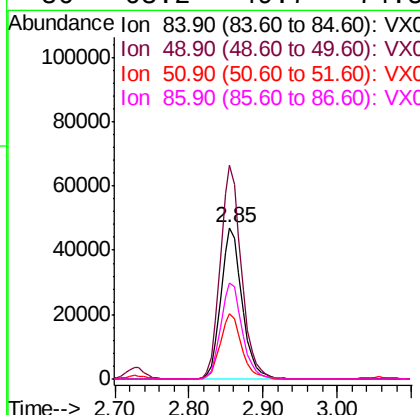
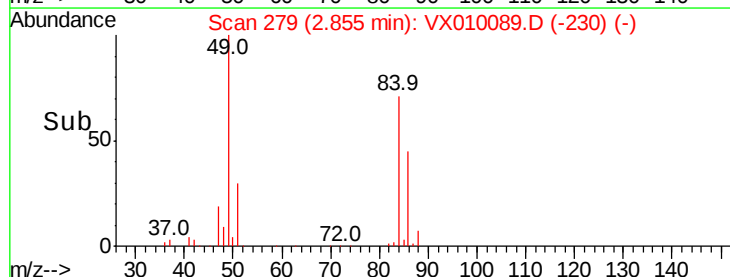
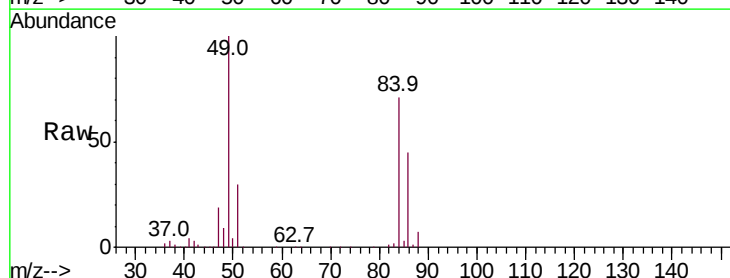
Manual Integrations
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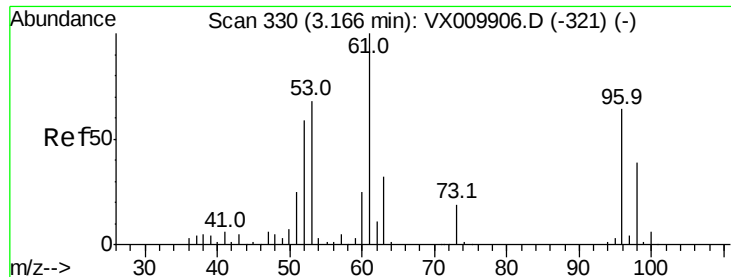
MMDadoda
6/6/2019 9:32:24 AM



#20
Methylene Chloride
Concen: 48.278 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.2	115.8	173.6
51	43.0	34.4	51.6
86	63.2	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 48.234 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion: 96 Resp: 83407

Ion Ratio Lower Upper

96 100

61 149.8 125.7 188.5

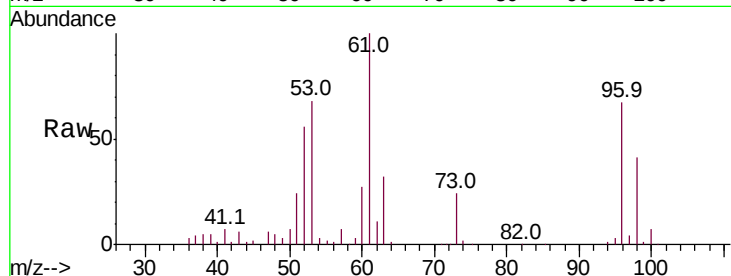
98 61.4 49.0 73.6

Manual Integrations

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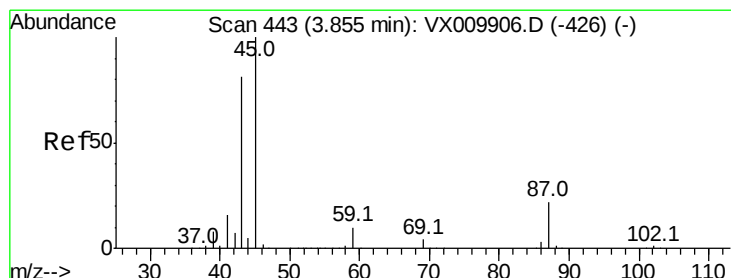
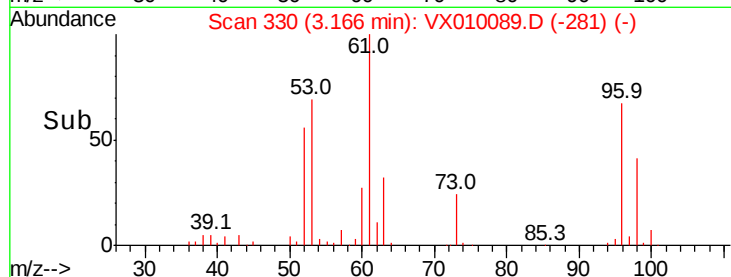
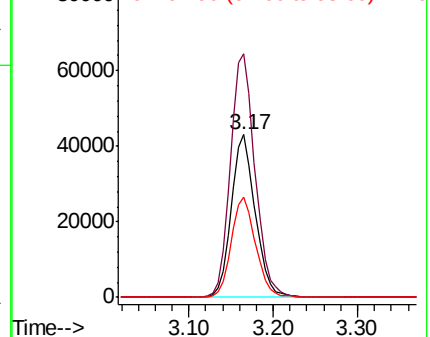


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.554 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion: 45 Resp: 348959

Ion Ratio Lower Upper

45 100

43 78.8 65.0 97.4

87 22.6 17.3 25.9

59 11.0 8.1 12.1

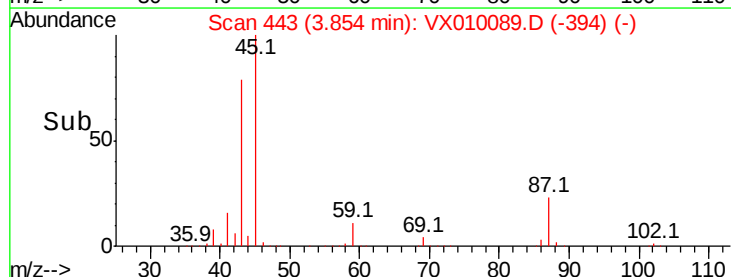
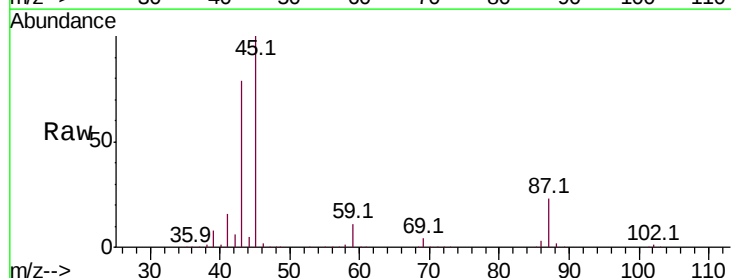
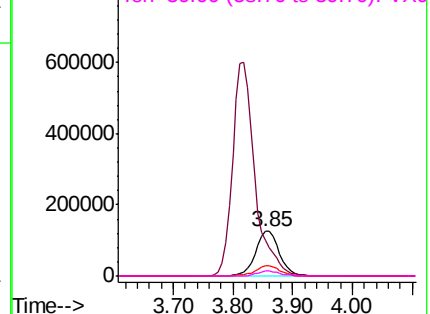
Abundance

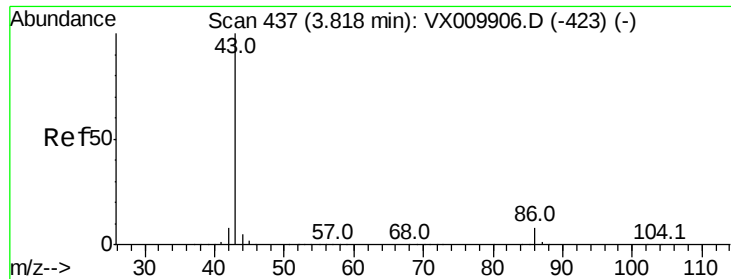
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 242.070 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion: 43 Resp: 1562898

Ion Ratio Lower Upper

43 100

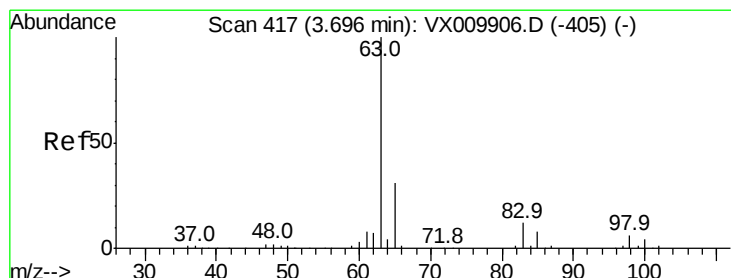
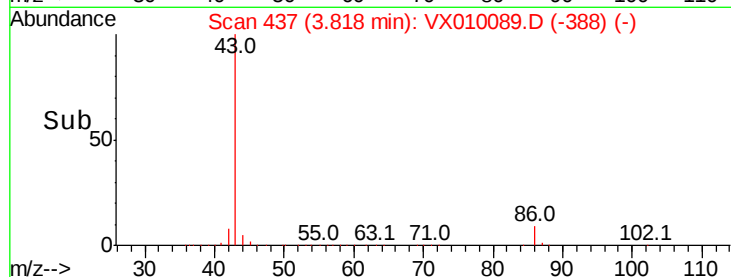
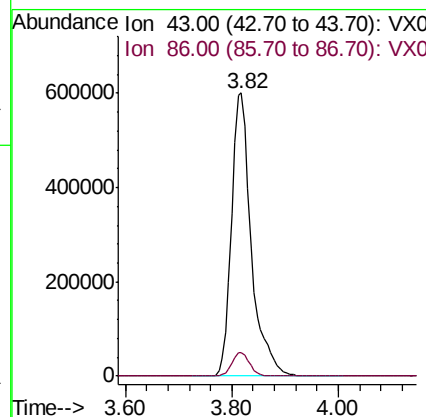
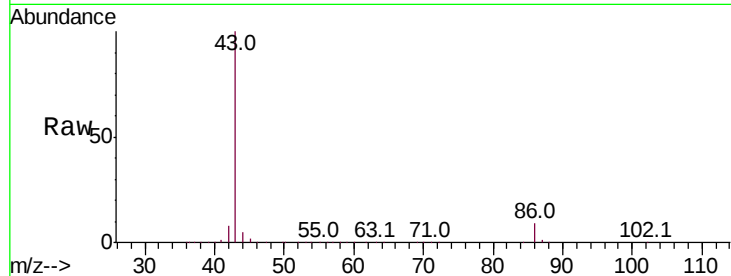
86 8.5 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.106 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

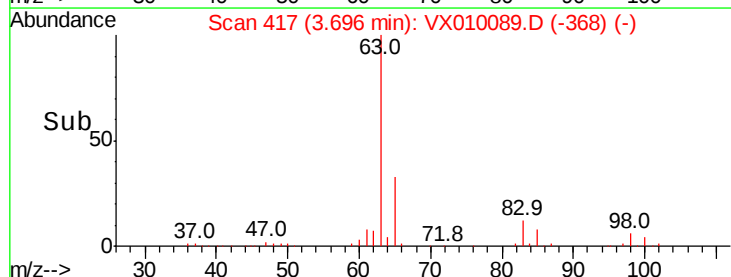
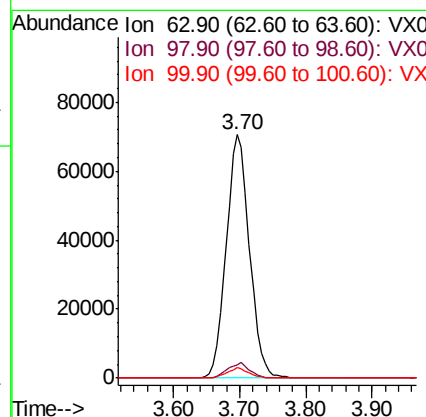
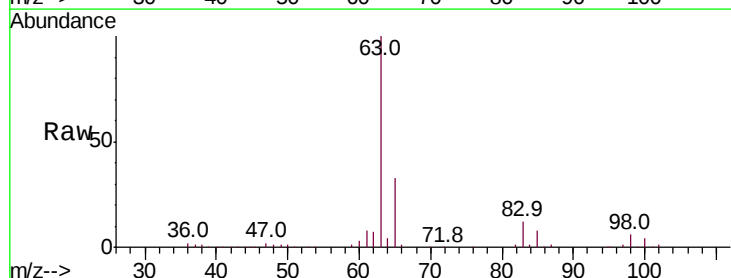
Tgt Ion: 63 Resp: 171031

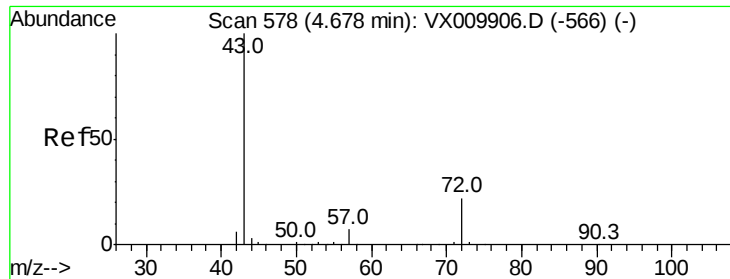
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 4.3 1.8 5.4





#25

2-Butanone

Concen: 236.480 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion: 43 Resp: 461445

Ion Ratio Lower Upper

43 100

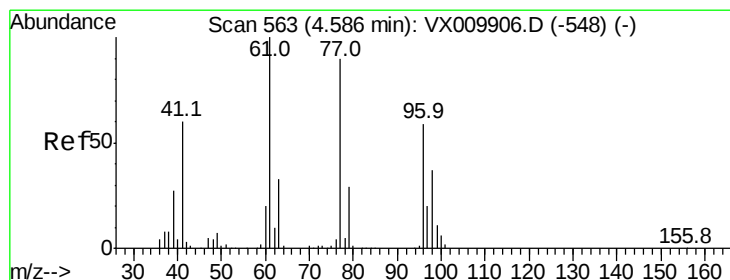
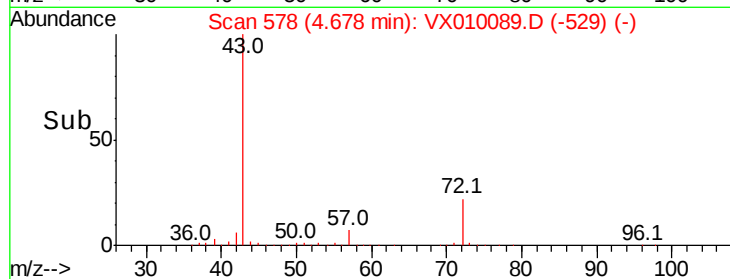
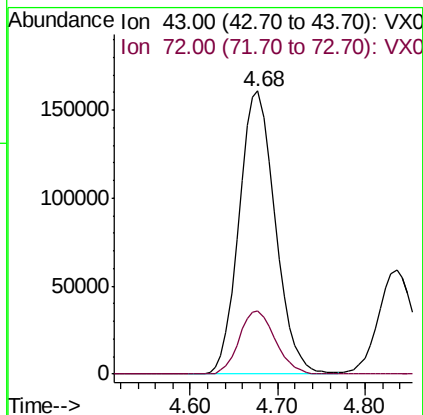
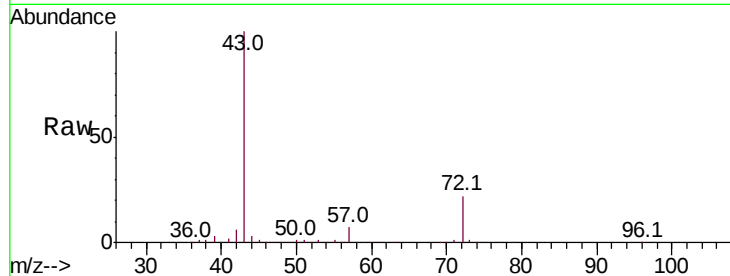
72 22.3 17.5 26.3

Manual Integrations

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6/6/2019 9:32:24 AM



#26

2,2-Dichloropropane

Concen: 39.954 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010089.D

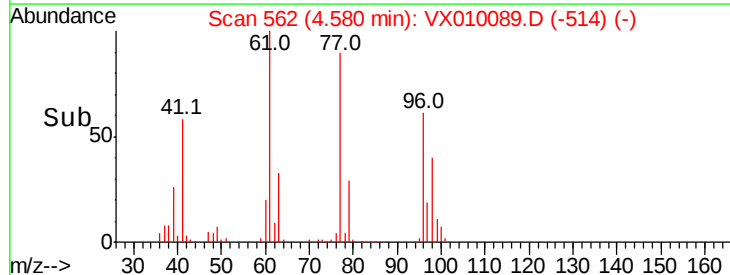
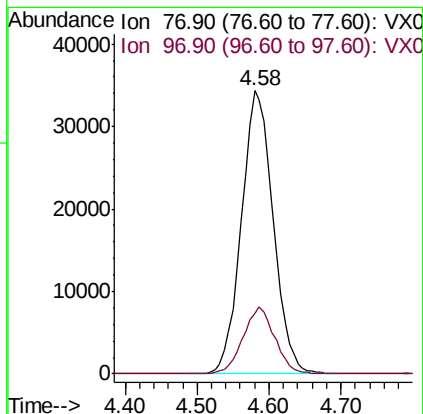
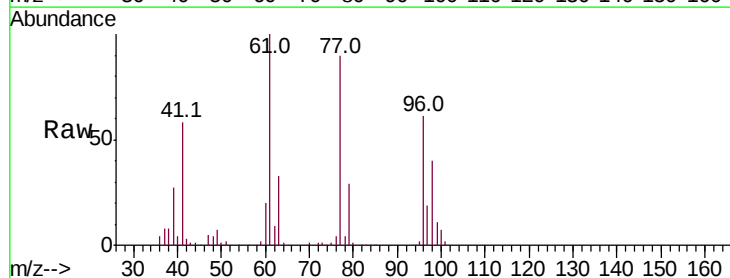
Acq: 05 Jun 2019 19:58

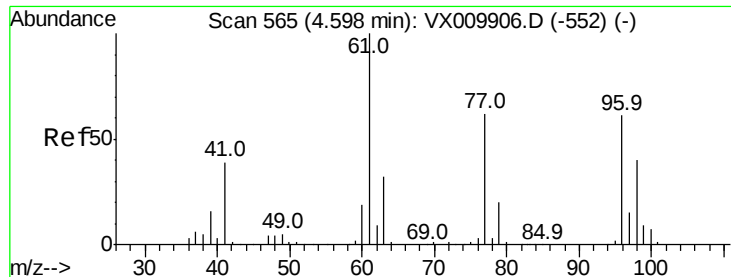
Tgt Ion: 77 Resp: 105267

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.2





#27

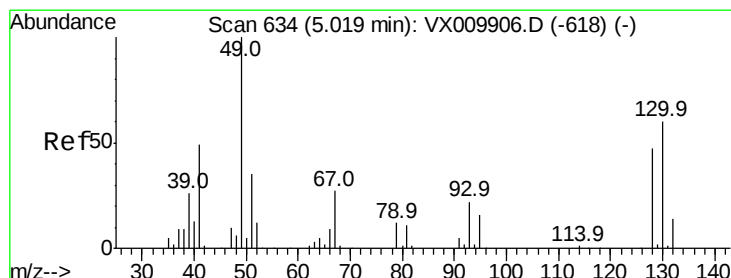
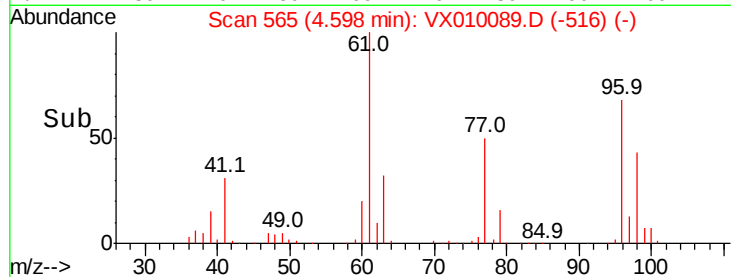
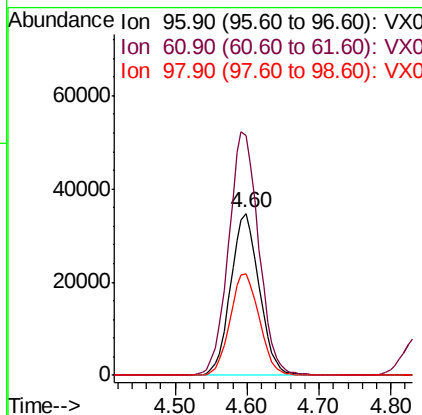
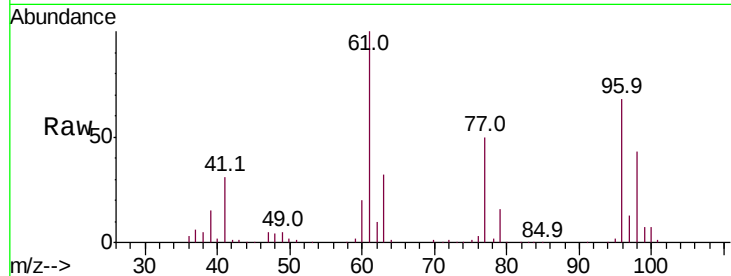
cis-1,2-Dichloroethene
Concen: 48.331 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	334.0
98	64.1	0.0	131.6

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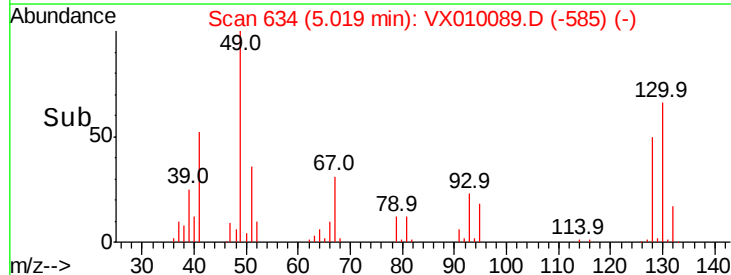
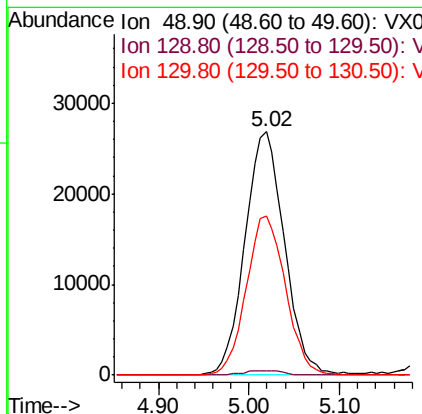
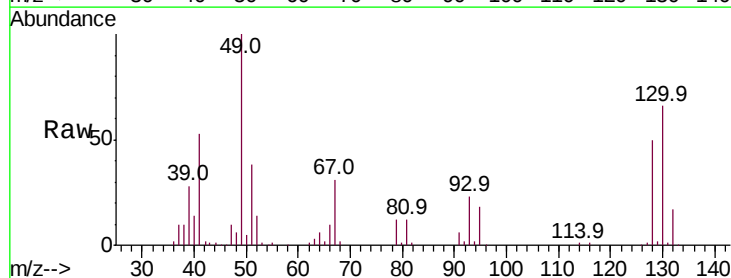
MMDadoda
6/6/2019 9:32:24 AM

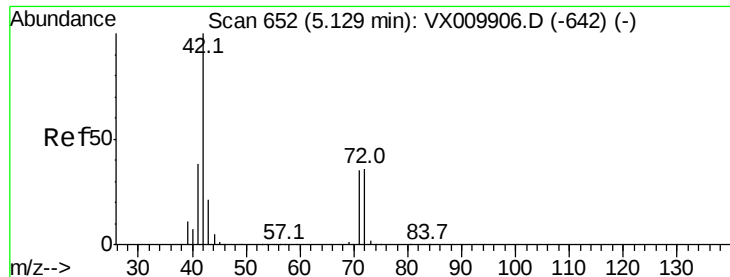


#28

Bromochloromethane
Concen: 44.726 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	64.9	49.4	74.2





#29

Tetrahydrofuran

Concen: 243.125 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

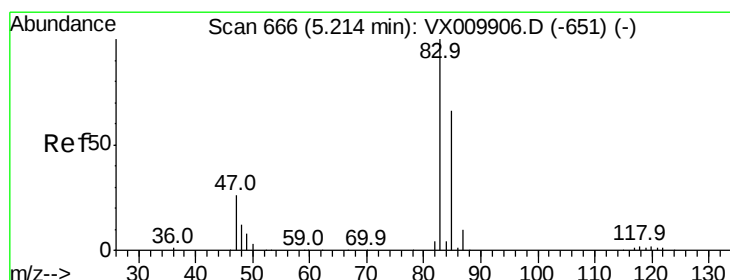
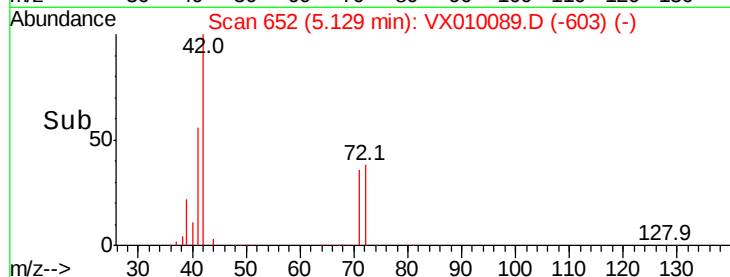
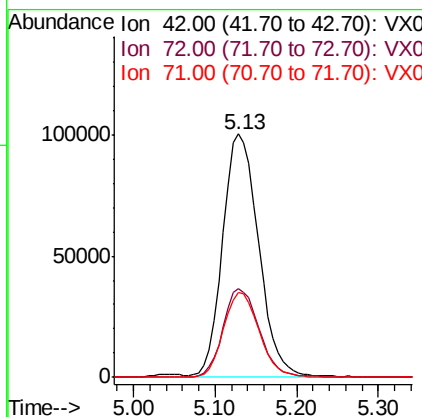
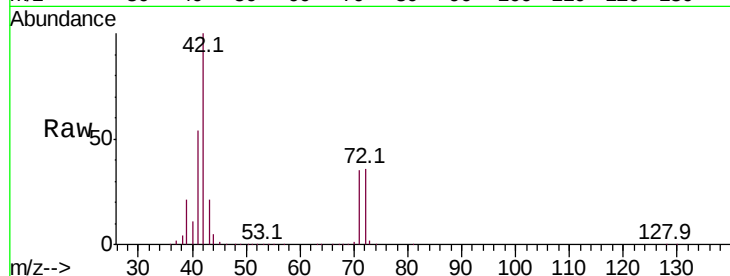
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	42	Resp:	304222
Ion Ratio	Lower	Upper	
42	100		
72	37.2	29.2	43.8
71	35.0	27.6	41.4

Manual Integrations
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#30

Chloroform

Concen: 49.794 ug/l

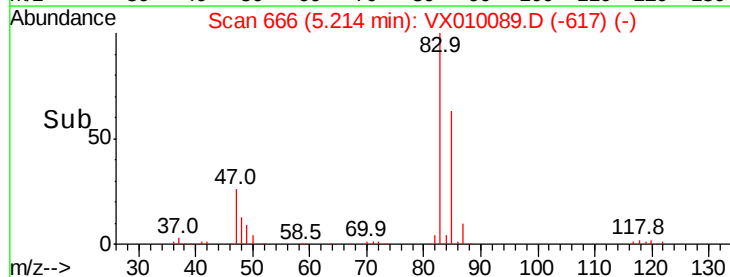
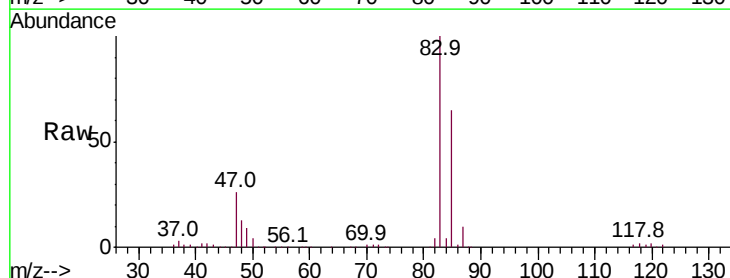
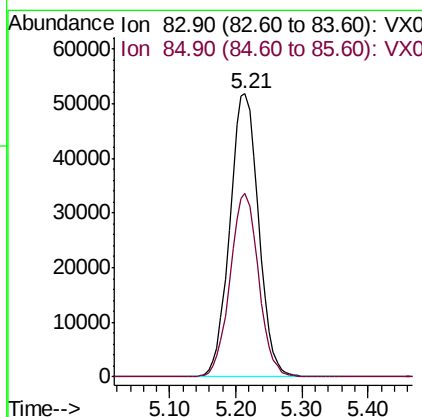
RT: 5.21 min Scan# 666

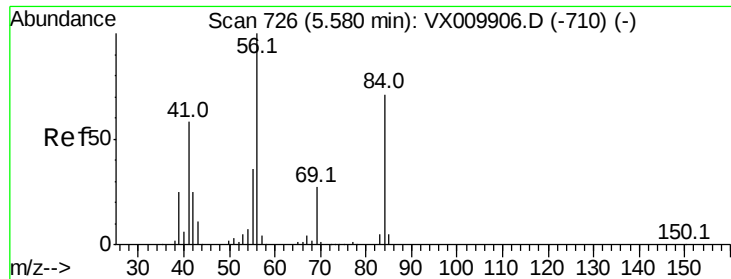
Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	83	Resp:	156408
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.6	78.8





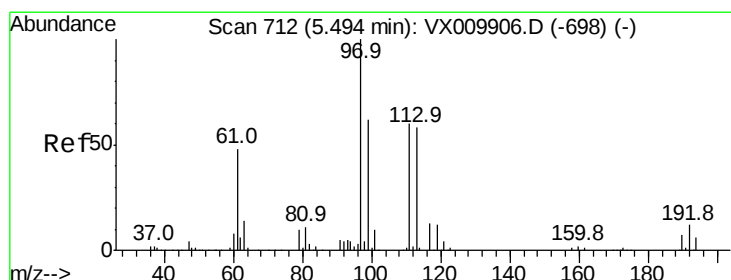
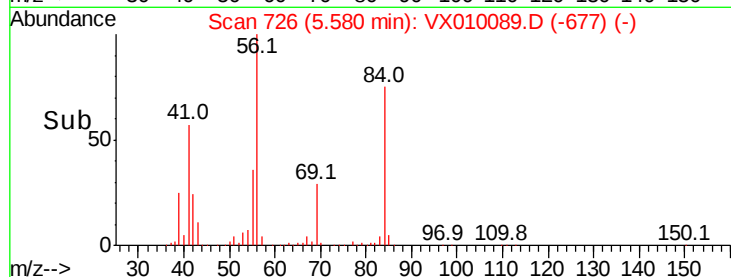
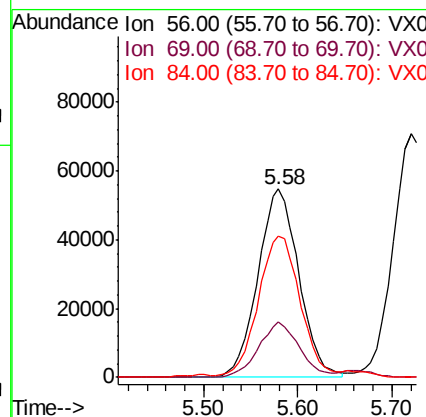
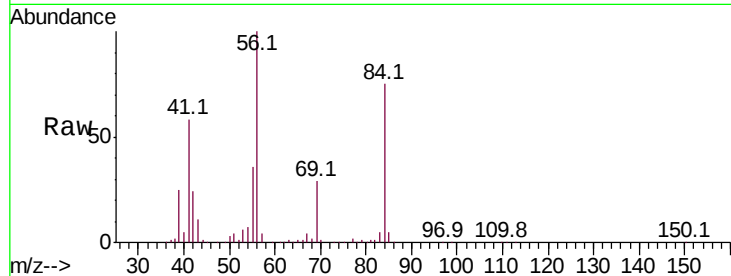
#31
Cyclohexane
Concen: 50.476 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	21.6	32.4
84	74.0	56.8	85.2

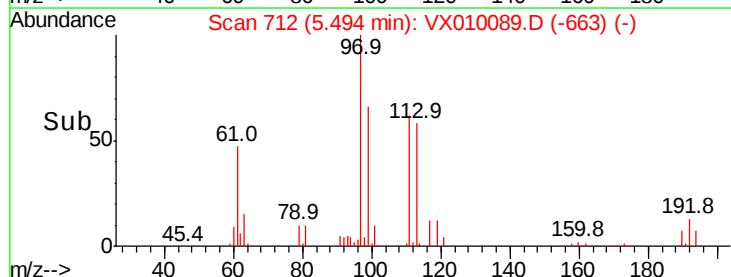
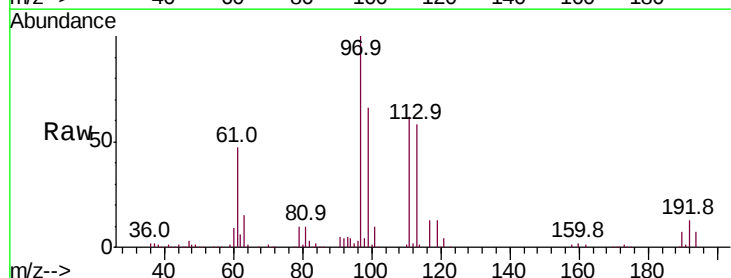
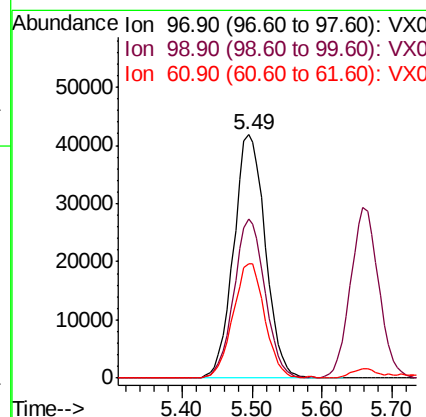
Manual Integrations
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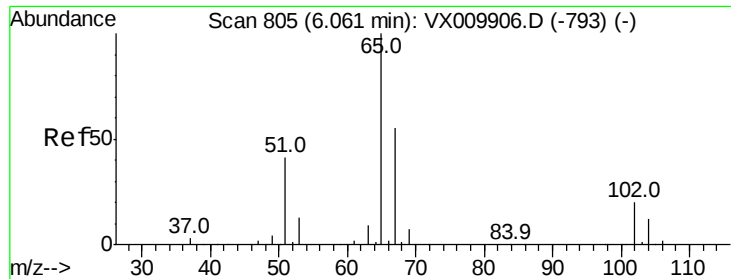
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.300 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	47.1	38.7	58.1





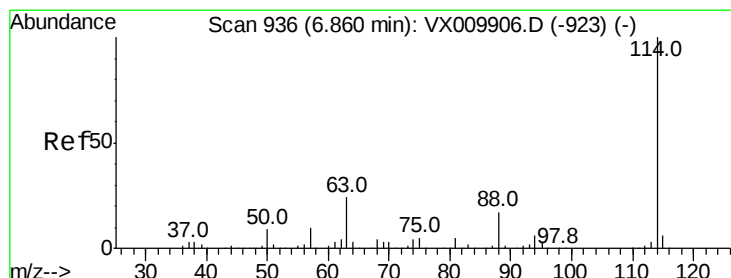
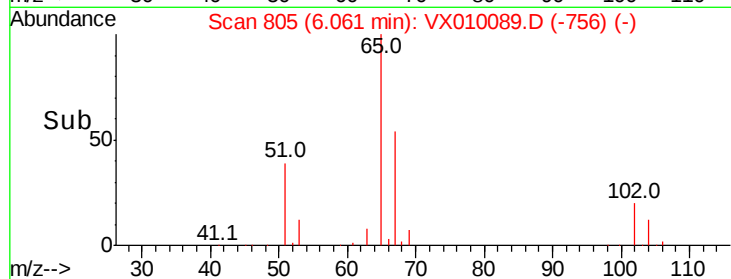
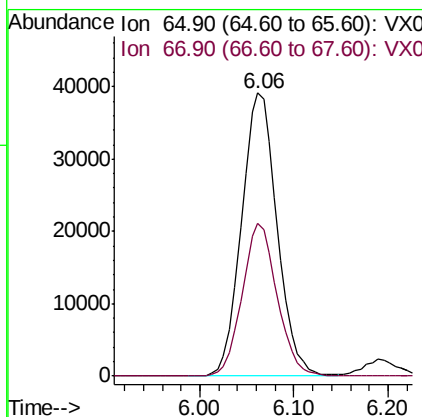
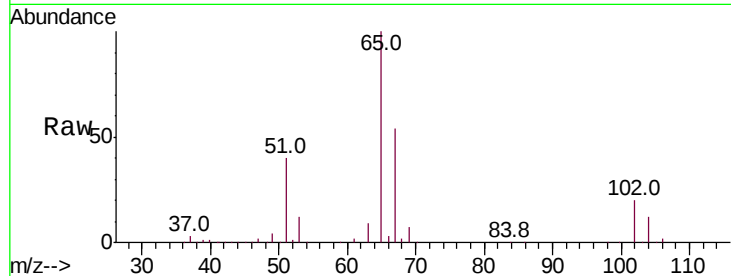
#33
 1,2-Dichloroethane-d4
 Concen: 47.668 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	103331		
67	53.1	0.0	108.4	

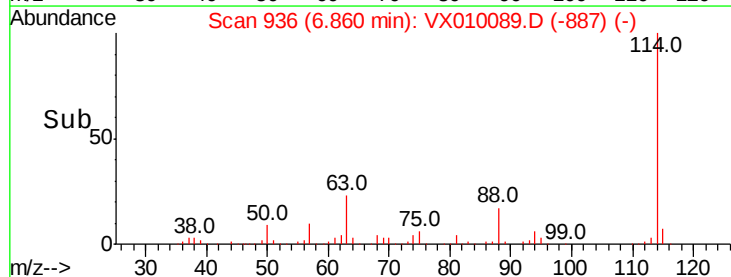
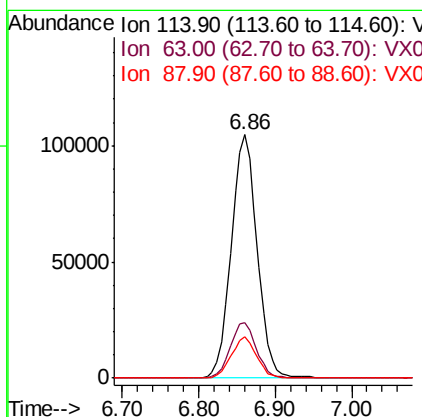
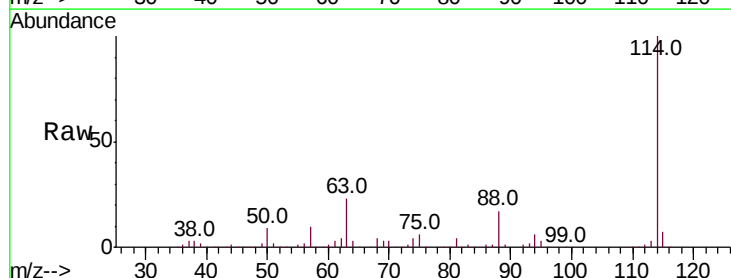
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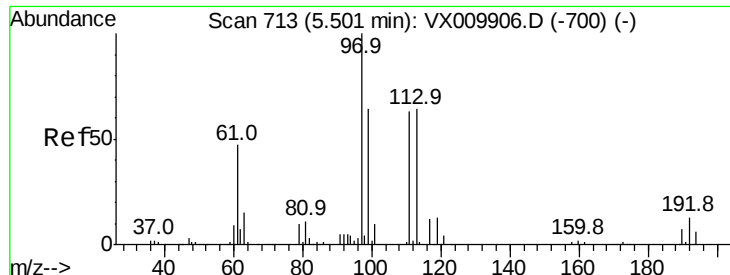
MMDadoda
 6/6/2019 9:32:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	244483		
63	22.7	0.0	47.4	
88	16.8	0.0	33.0	





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

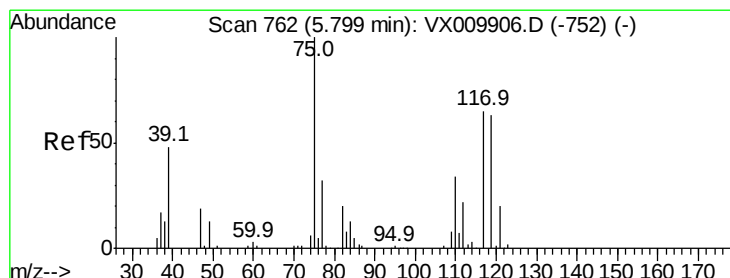
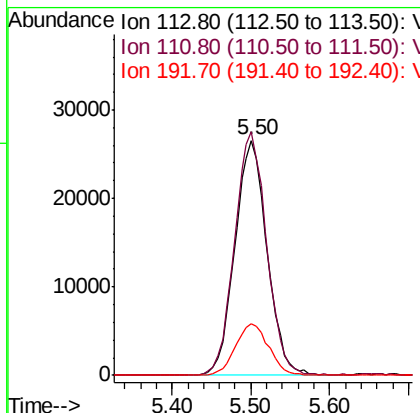
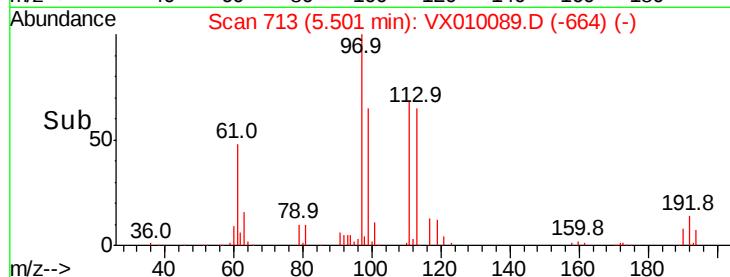
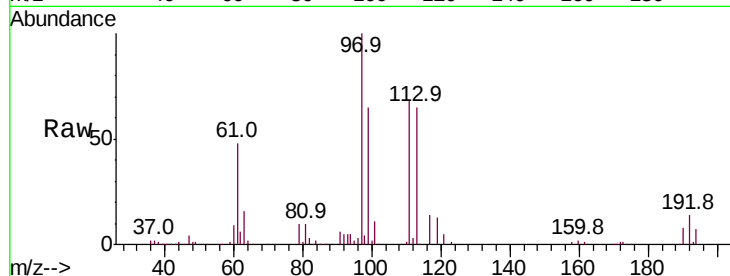
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	113	Resp:	75228
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.2	123.2
192	22.5	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.272 ug/l

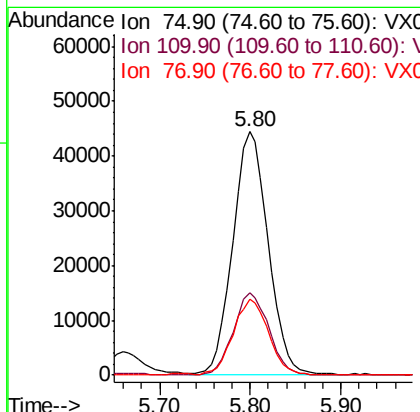
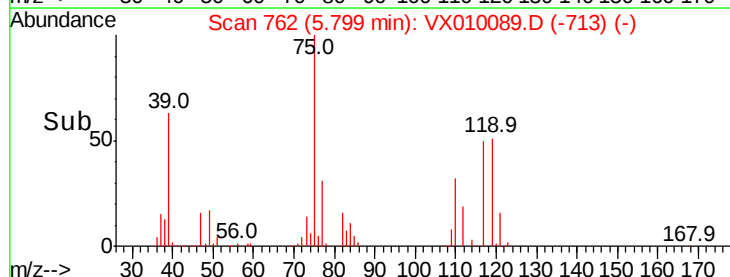
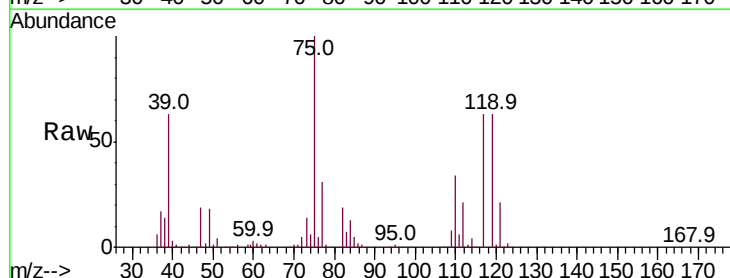
RT: 5.80 min Scan# 762

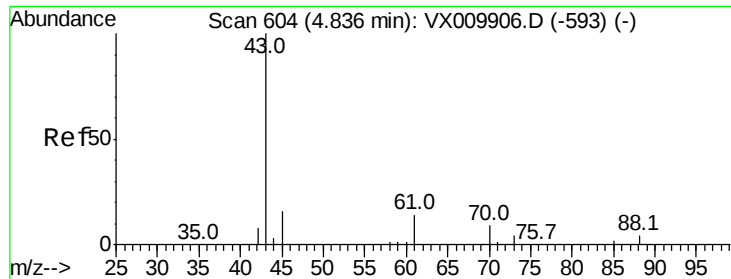
Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	75	Resp:	119741
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.7	50.1
77	31.5	25.0	37.4





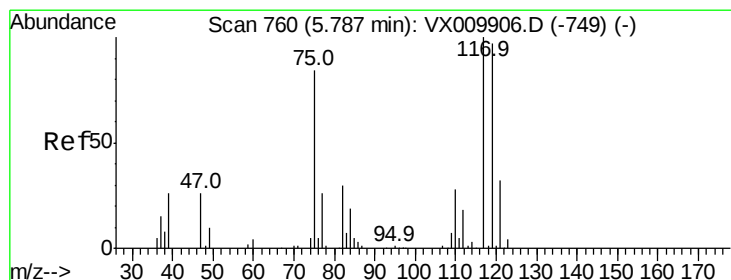
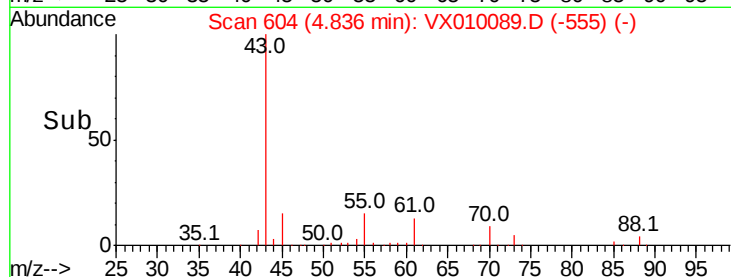
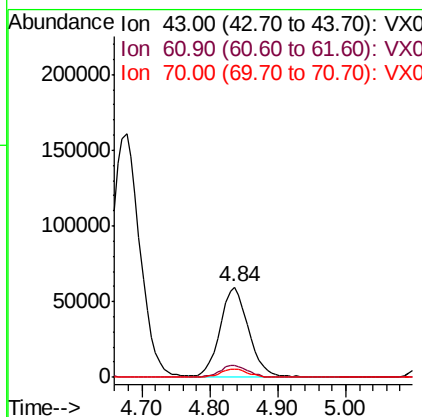
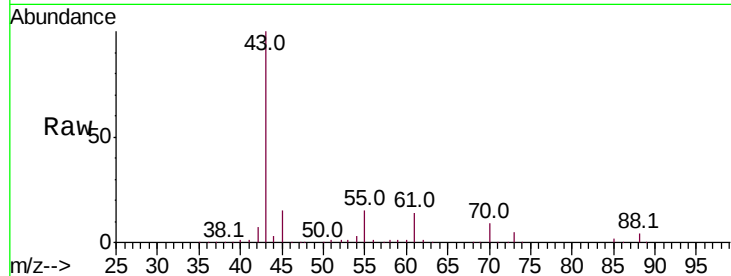
#37
Ethyl Acetate
Concen: 50.053 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.2
70	9.3	7.4	11.2

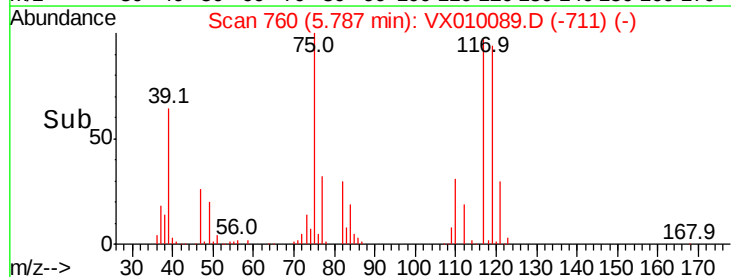
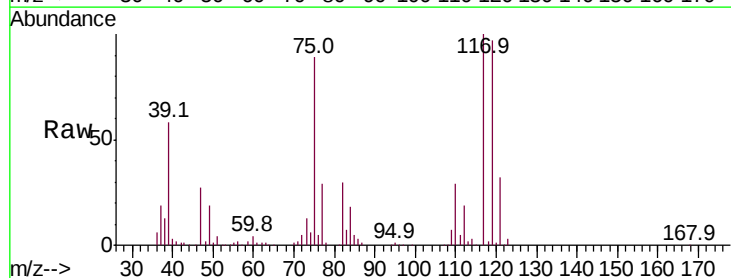
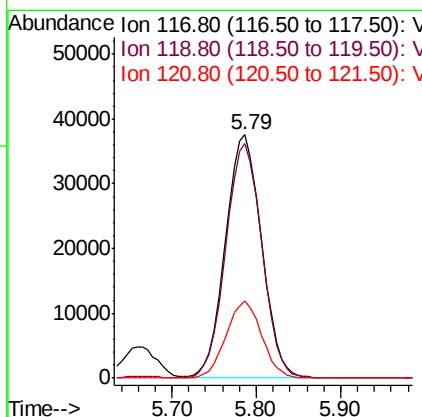
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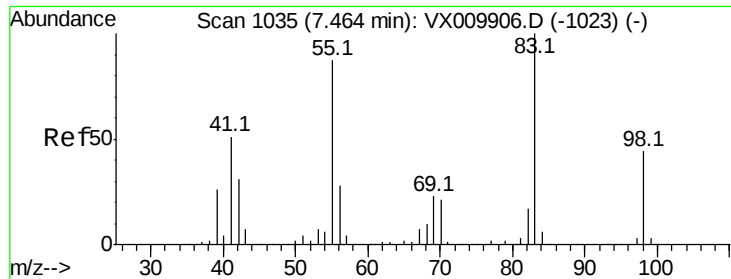
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#38
Carbon Tetrachloride
Concen: 51.236 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
121	31.6	25.4	38.0





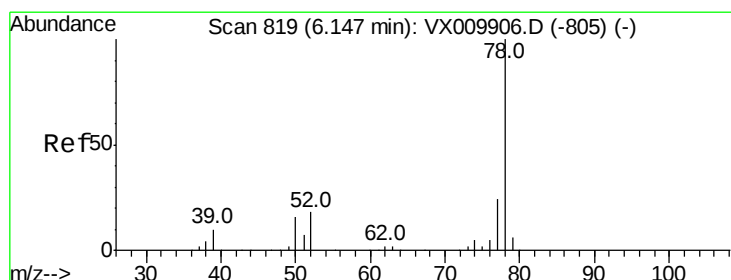
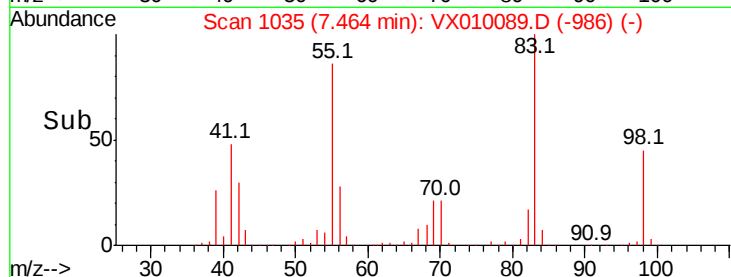
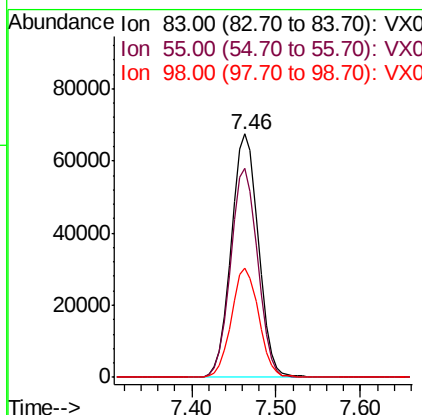
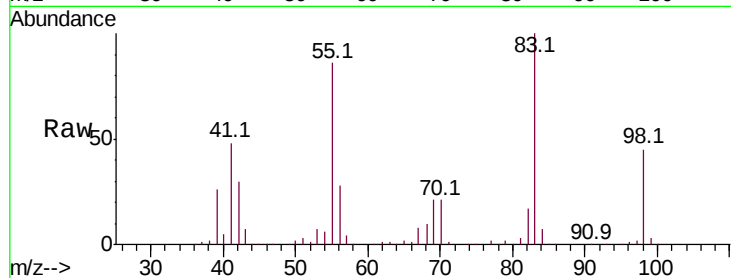
#39
Methvlcvclohexane
Concen: 49.942 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	69.9	104.9
98	45.1	35.1	52.7

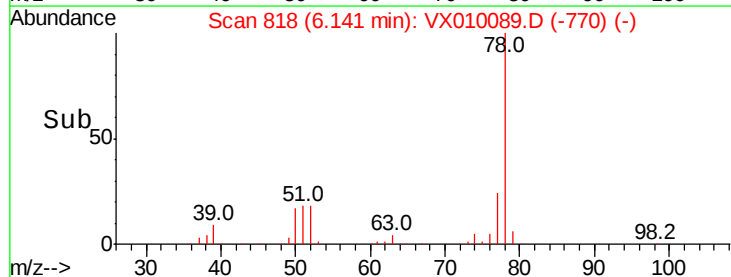
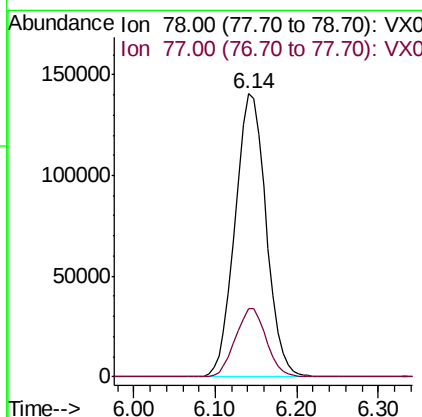
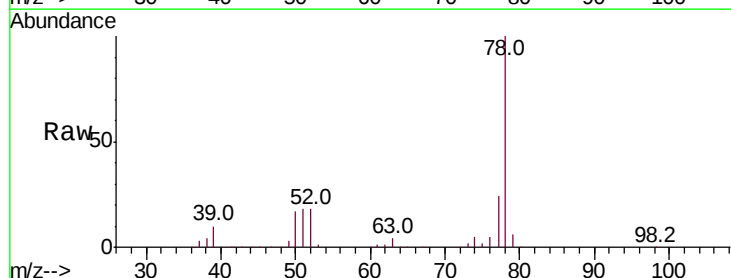
Manual Integrations
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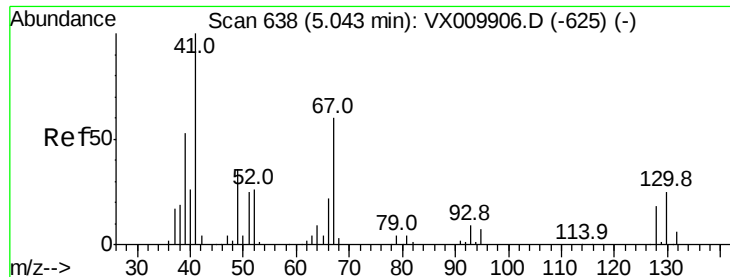
MMDadoda
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#40
Benzene
Concen: 50.404 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





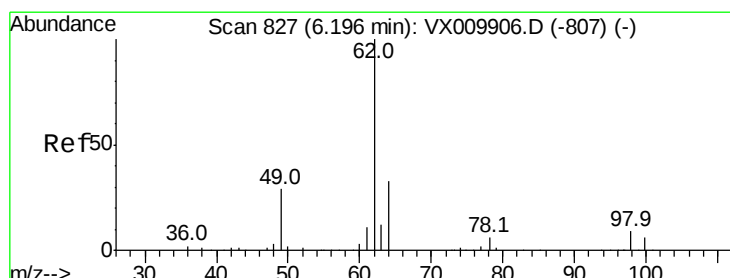
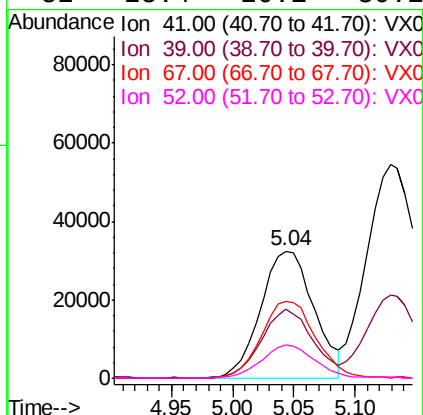
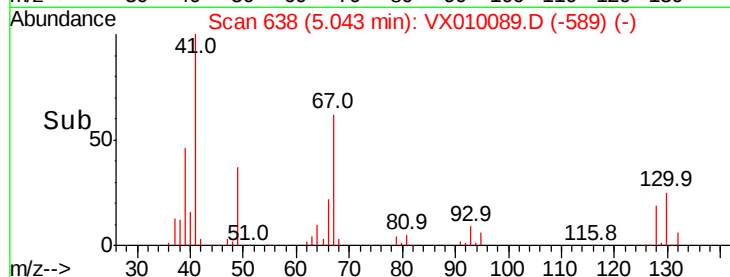
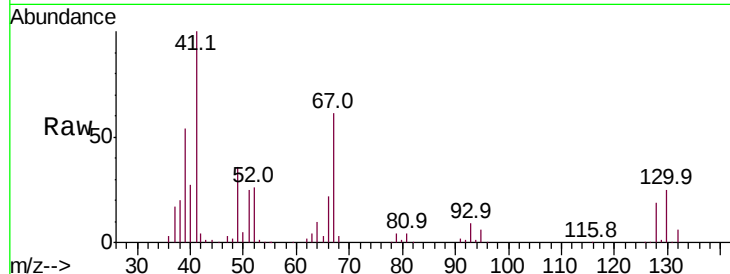
#41
Methacrylonitrile
Concen: 48.493 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	42.2	63.4	
67	62.5	48.9	73.3	
52	25.4	20.1	30.1	

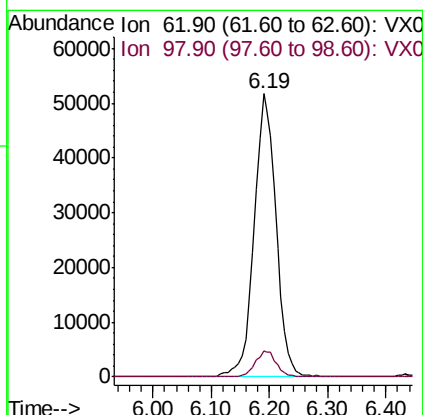
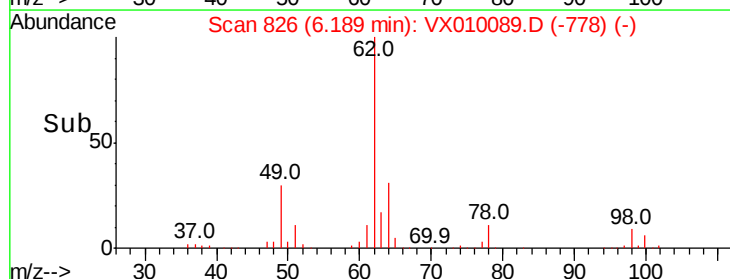
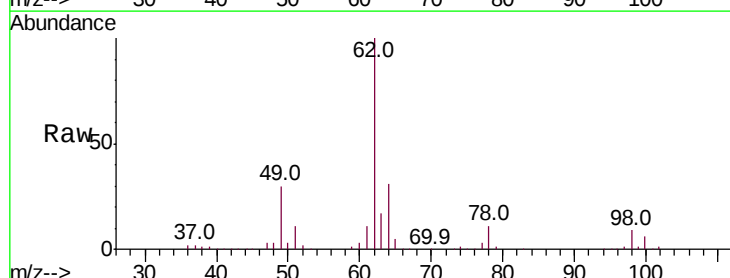
Manual Integrations
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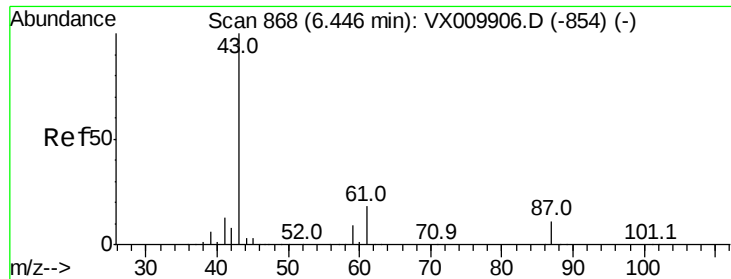
MMDadoda
6/6/2019 9:32:24 AM



#42
1,2-Dichloroethane
Concen: 49.608 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.2	





#43

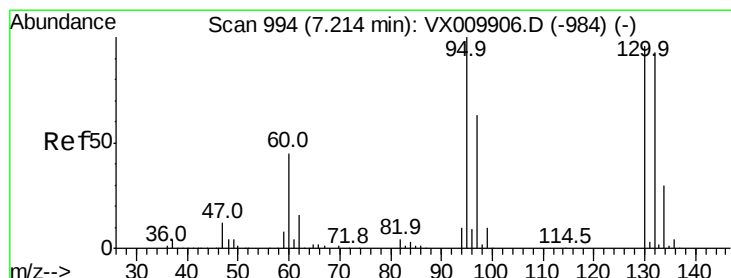
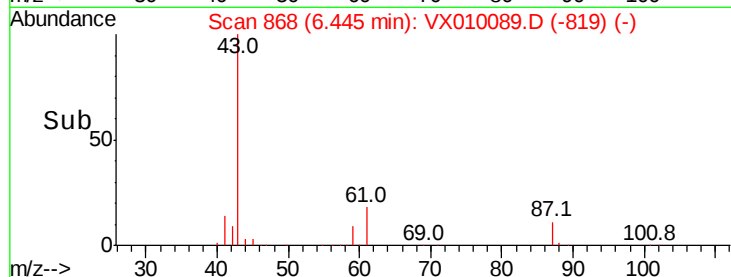
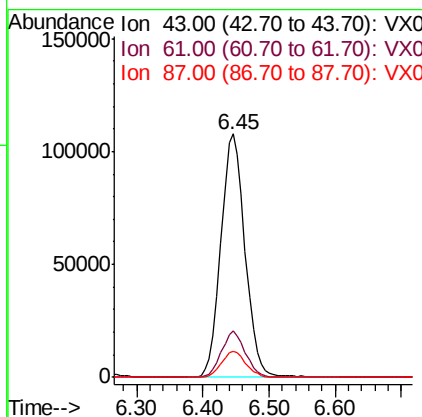
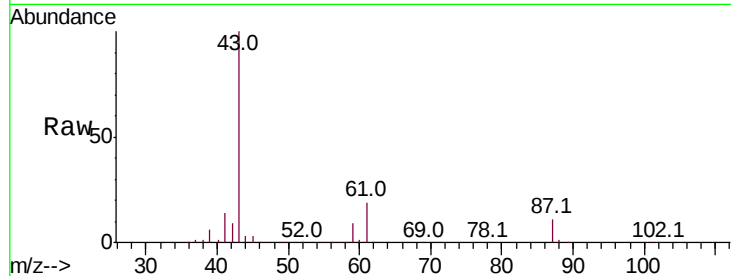
Isopropyl Acetate
 Concen: 48.528 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.6	21.8
87	11.1	8.7	13.1

Manual Integrations
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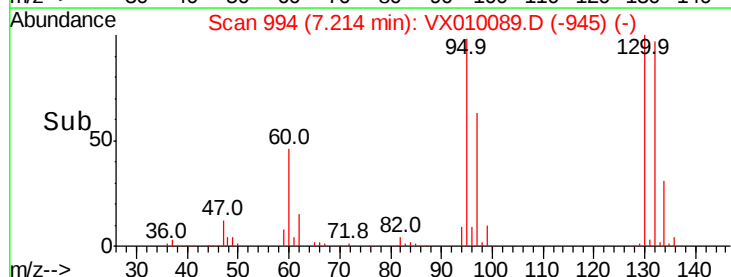
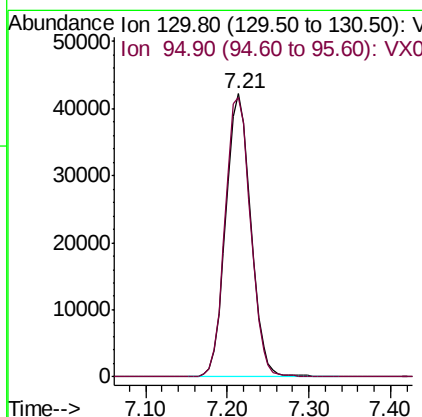
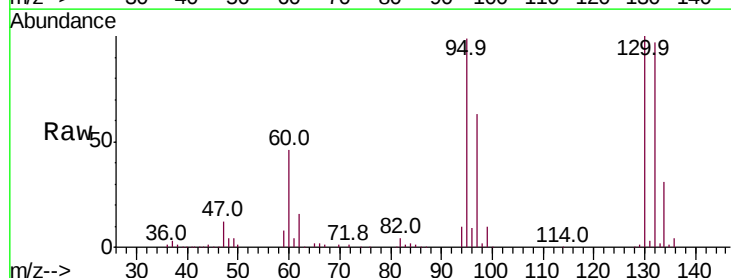
MMDadoda
 6/6/2019 9:32:24 AM

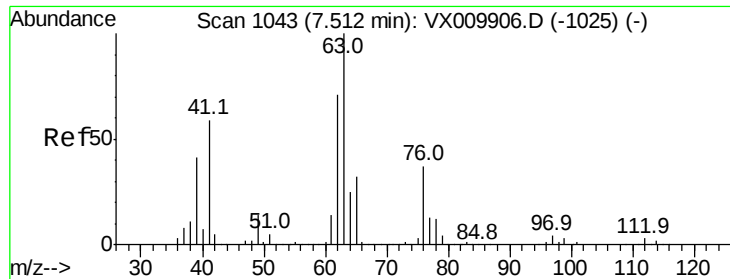


#44

Trichloroethene
 Concen: 50.079 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	207.4





#45

1,2-Dichloropropane

Concen: 49.012 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion: 63 Resp: 103820

Ion Ratio Lower Upper

63 100

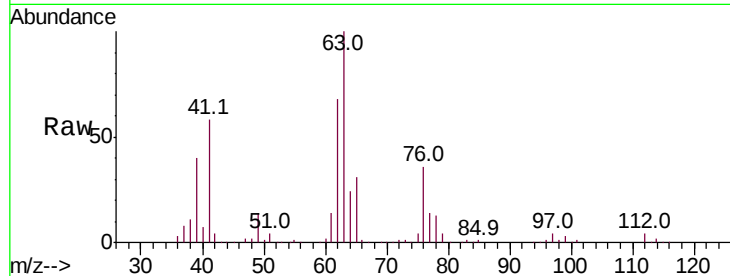
65 31.0 25.7 38.5

Manual Integrations

APPROVED

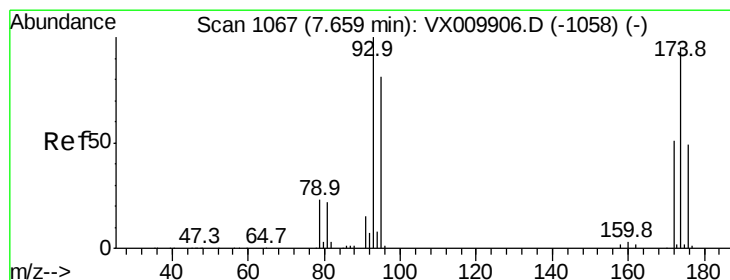
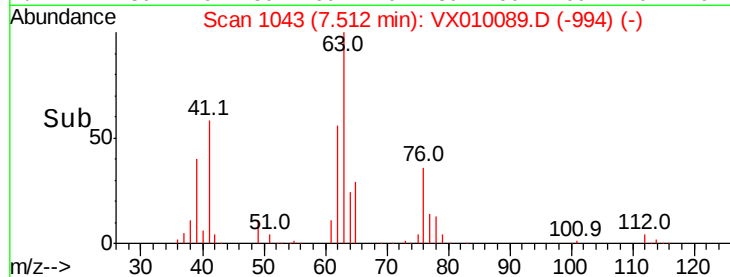
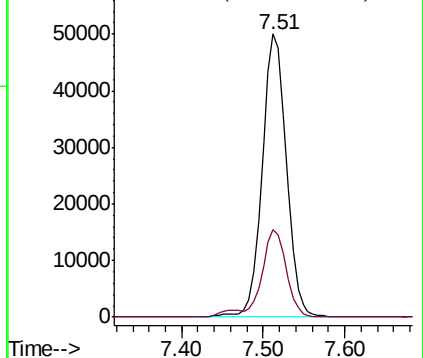
MMDadoda

6/6/2019 9:32:24 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.212 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

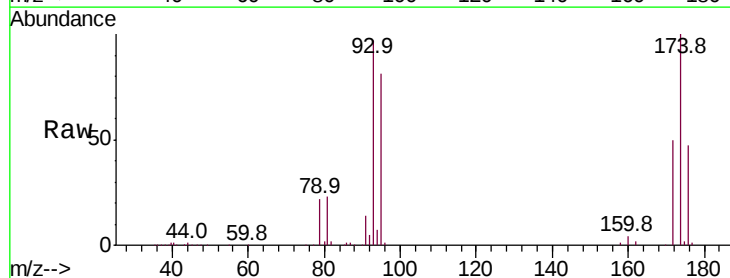
Tgt Ion: 93 Resp: 60114

Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

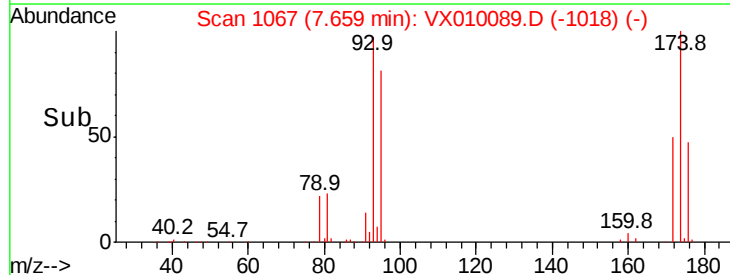
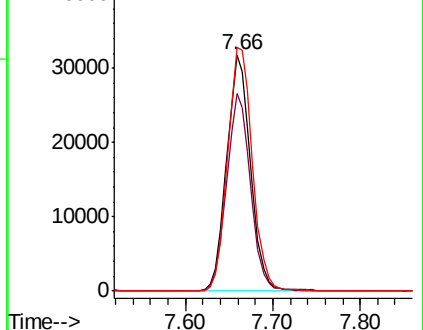
174 107.5 81.9 122.9

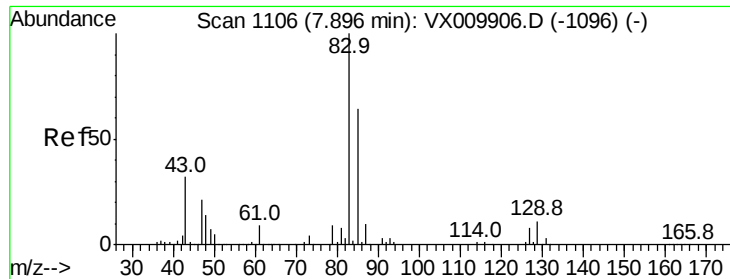


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.139 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

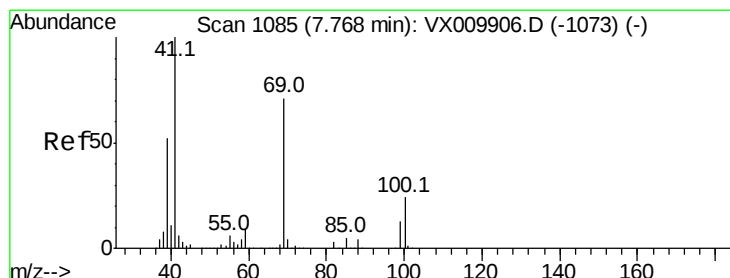
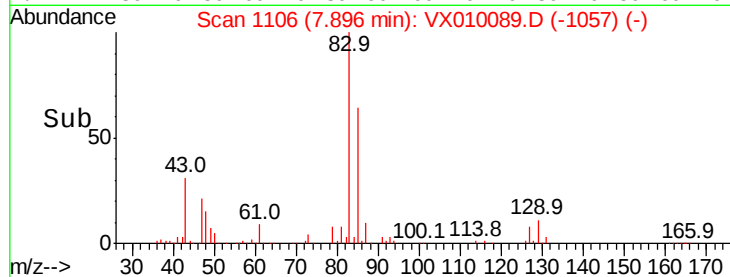
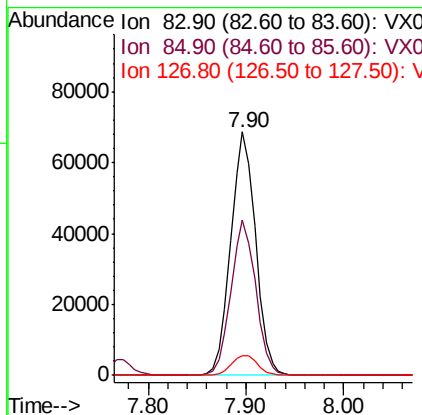
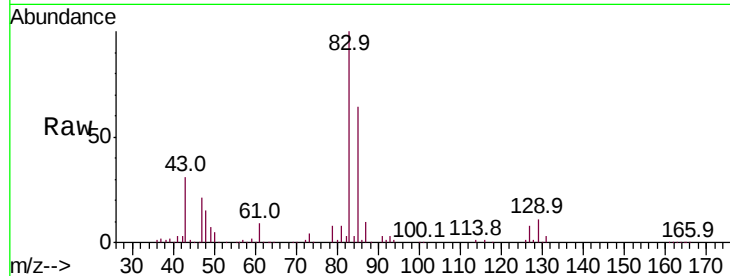
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	83	Resp:	121253
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.4	77.2
127	7.8	6.4	9.6

Manual Integrations
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MMDadoda
6/6/2019 9:32:24 AM



#48

Methyl methacrylate

Concen: 50.492 ug/l

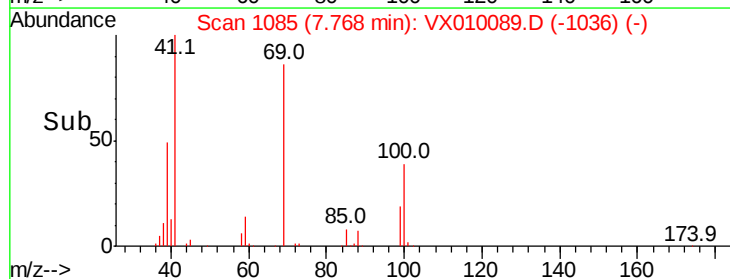
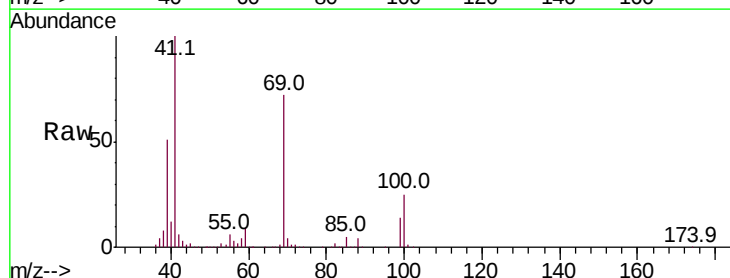
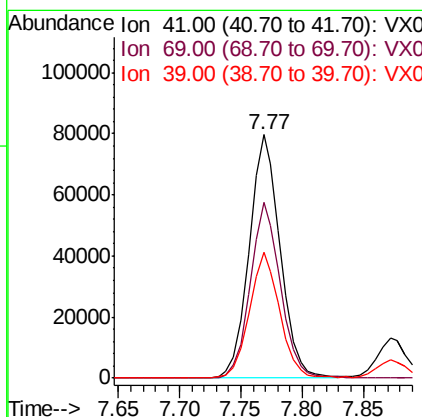
RT: 7.77 min Scan# 1085

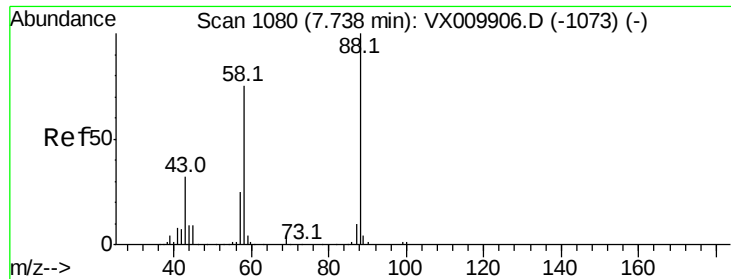
Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	41	Resp:	139397
Ion Ratio	Lower	Upper	
41	100		
69	71.1	56.4	84.6
39	50.5	40.6	60.8





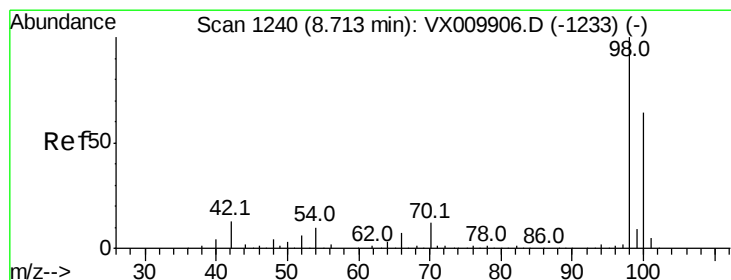
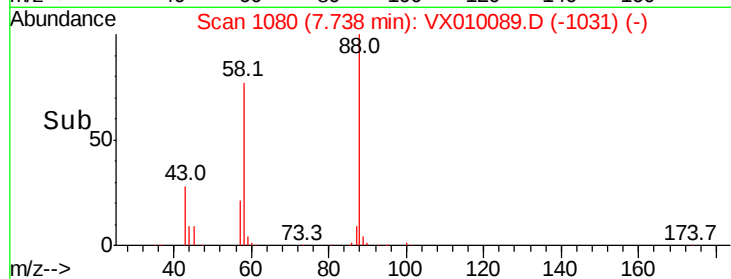
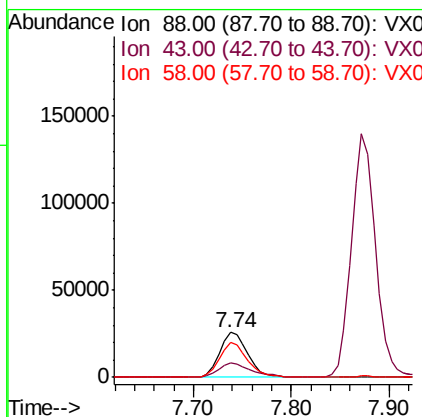
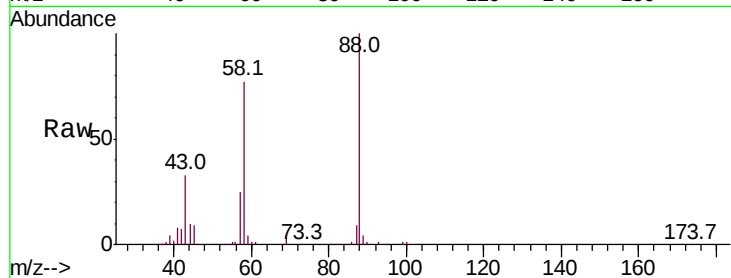
#49
1,4-Dioxane
Concen: 1000.107 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	30.2	45.4
58	77.9	64.0	96.0

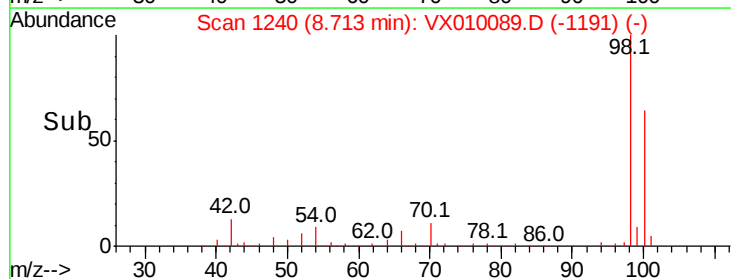
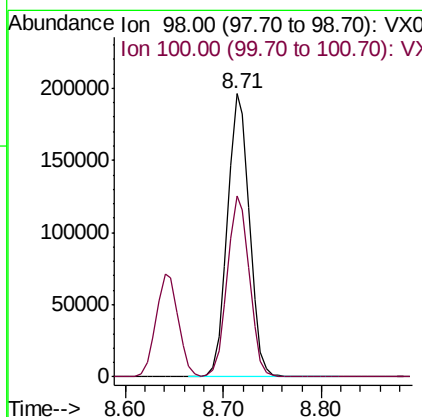
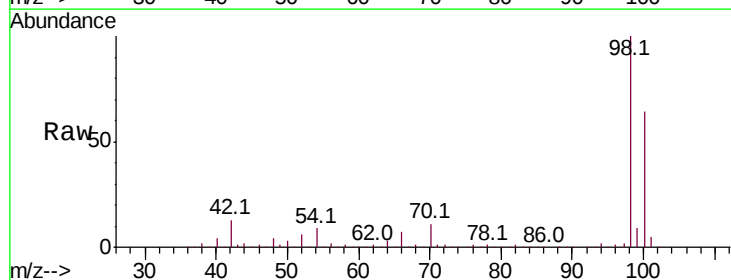
Manual Integrations
APPROVED

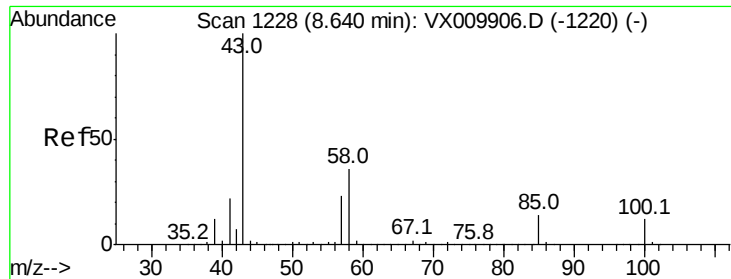
MMDadoda
6/6/2019 9:32:24 AM



#50
Toluene-d8
Concen: 48.909 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 252.072 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion: 43 Resp: 914491

Ion Ratio Lower Upper

43 100

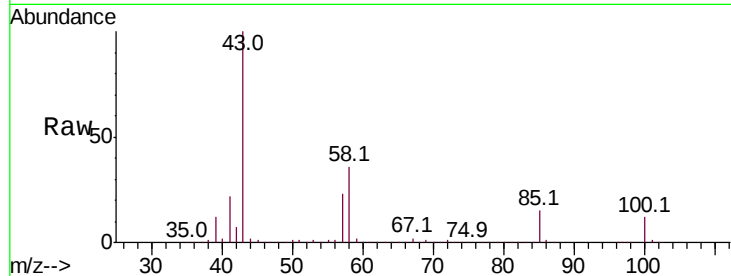
58 36.1 28.8 43.2

Manual Integrations

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MMDadoda

6/6/2019 9:32:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

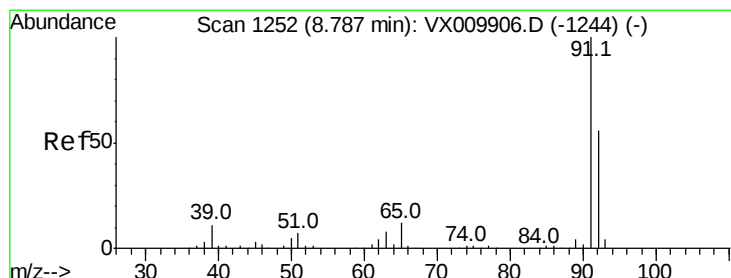
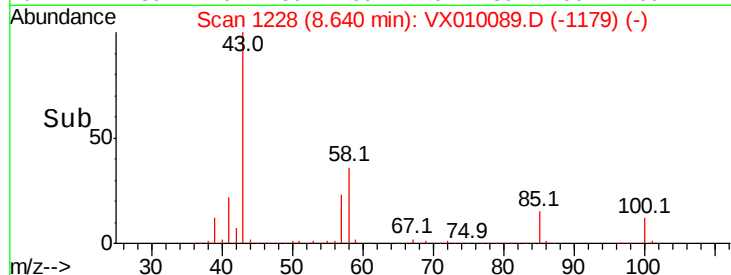
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.151 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010089.D

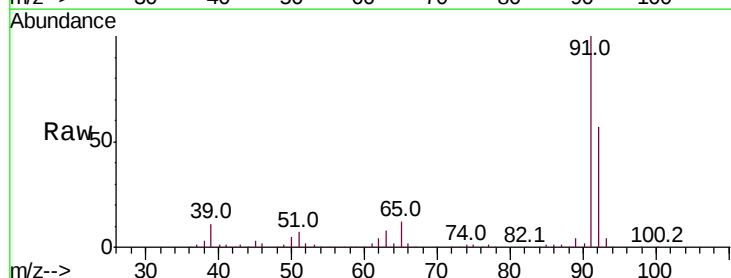
Acq: 05 Jun 2019 19:58

Tgt Ion: 92 Resp: 228533

Ion Ratio Lower Upper

92 100

91 174.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

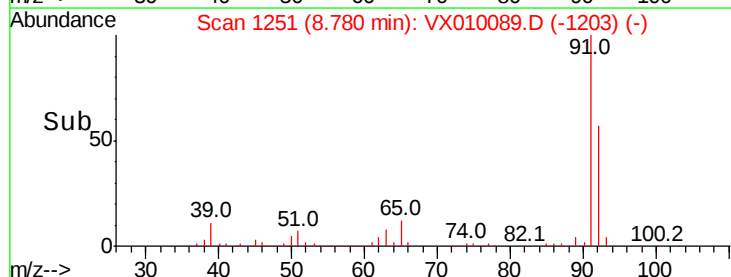
150000

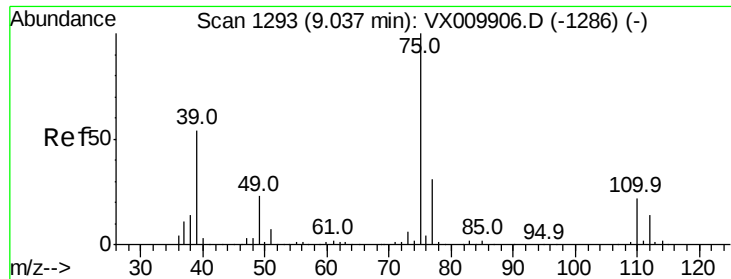
100000

50000

0

Time-->





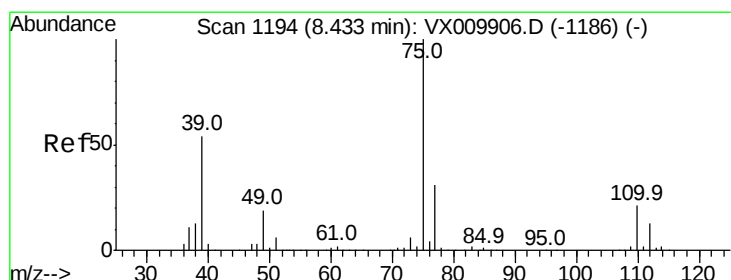
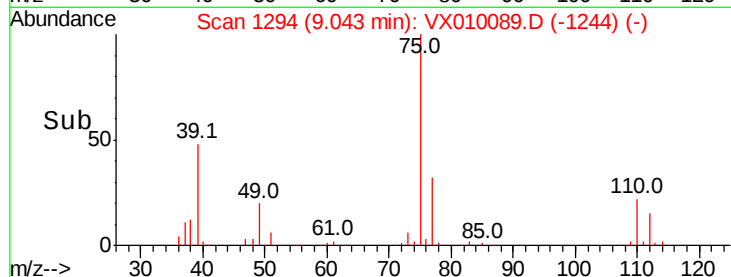
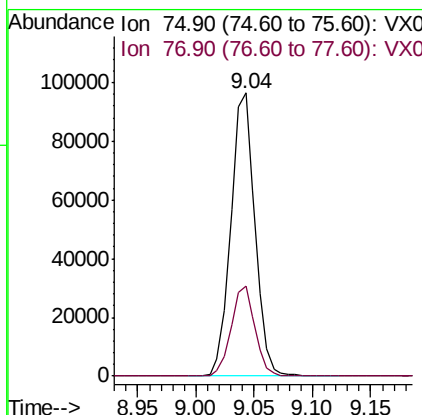
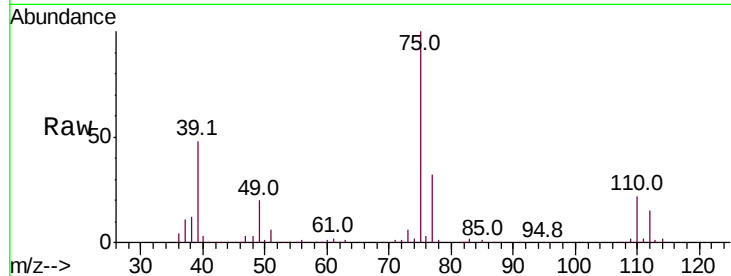
#53
t-1,3-Dichloropropene
Concen: 48.940 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion: 75 Resp: 139166
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8

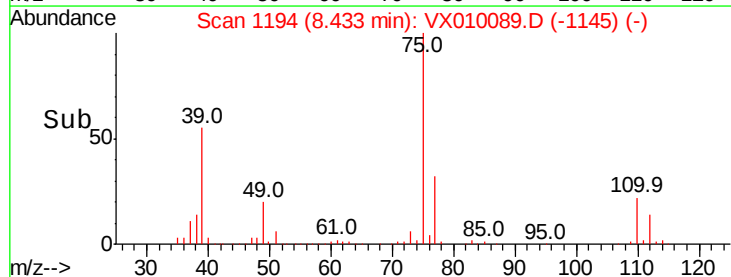
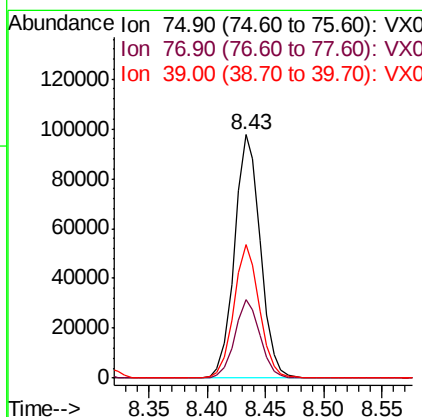
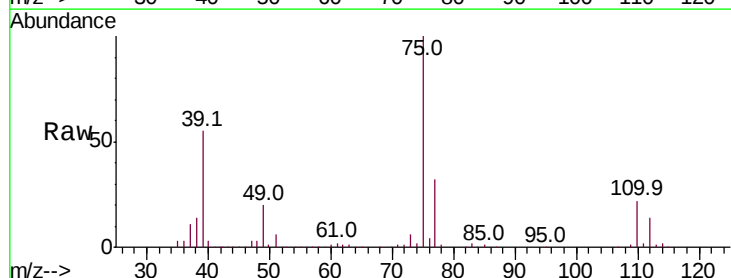
Manual Integrations
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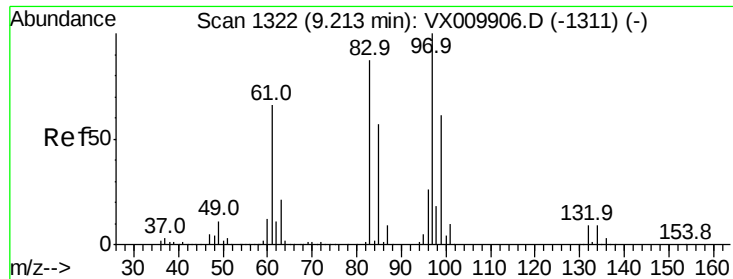
MMDadoda
6/6/2019 9:32:24 AM



#54
cis-1,3-Dichloropropene
Concen: 48.737 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 75 Resp: 151000
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 54.7 43.4 65.0





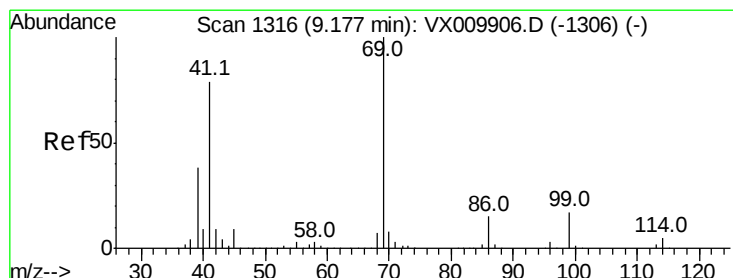
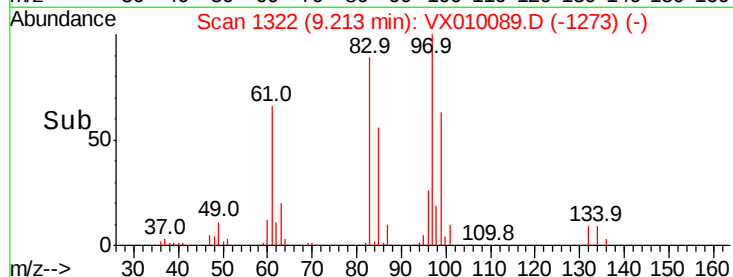
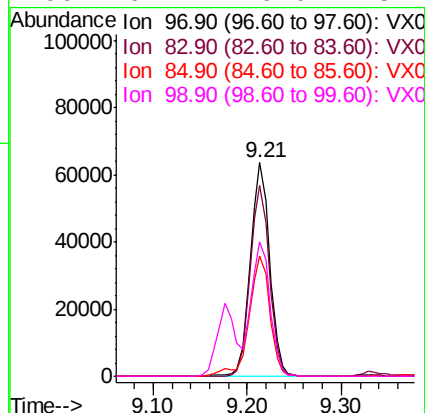
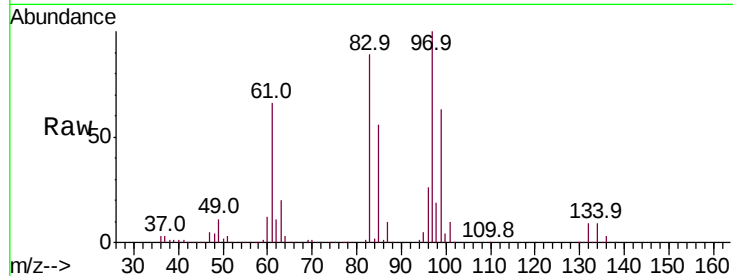
#55
1,1,2-Trichloroethane
Concen: 50.447 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.8	104.8
85	56.3	45.3	67.9
99	62.7	49.0	73.4

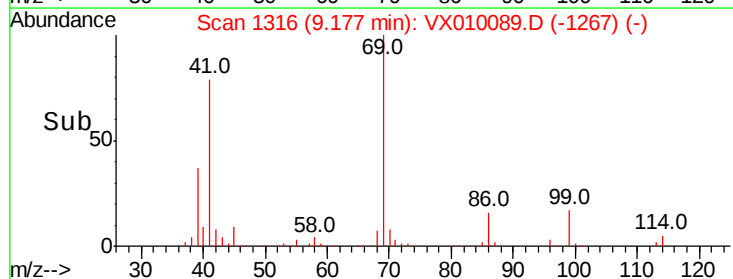
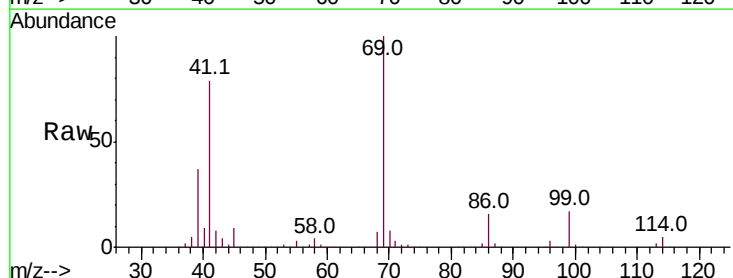
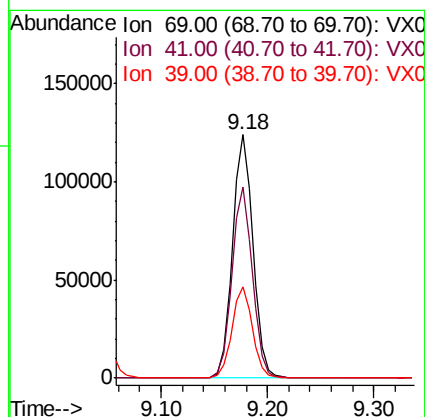
Manual Integrations
APPROVED

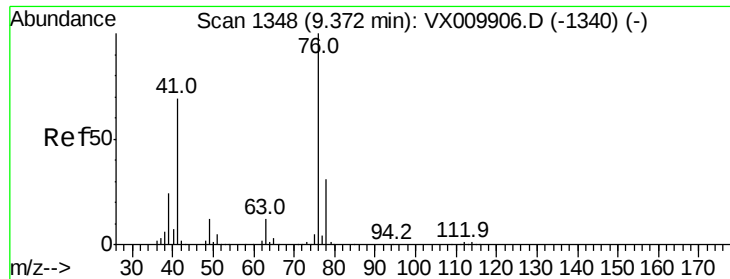
MMDadoda
6/6/2019 9:32:24 AM



#56
Ethyl methacrylate
Concen: 52.364 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.3	62.7	94.1
39	37.4	29.5	44.3





#57

1,3-Dichloropropane

Concen: 49.933 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion: 76 Resp: 161254

Ion Ratio Lower Upper

76 100

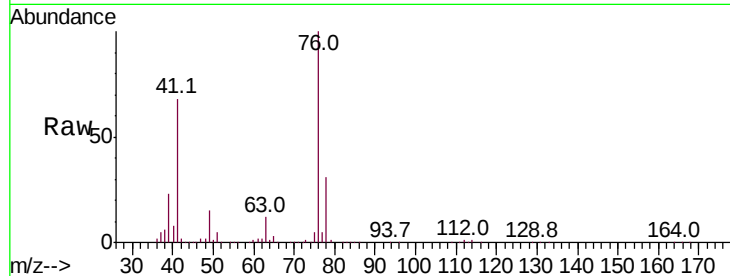
78 31.9 25.4 38.0

Manual Integrations

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MMDadoda

6/6/2019 9:32:24 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

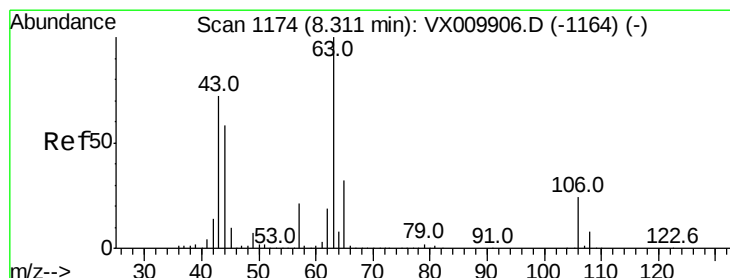
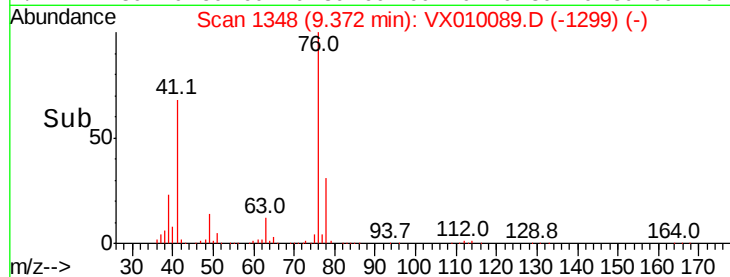
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.019 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010089.D

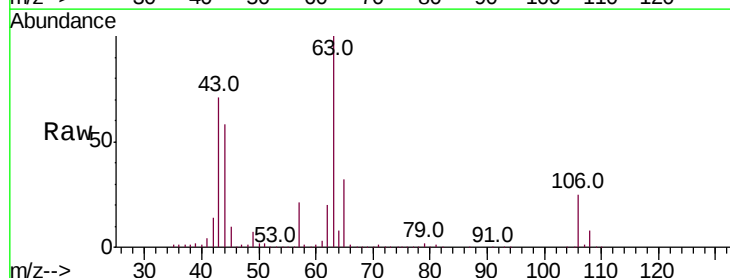
Acq: 05 Jun 2019 19:58

Tgt Ion: 63 Resp: 411323

Ion Ratio Lower Upper

63 100

106 24.8 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

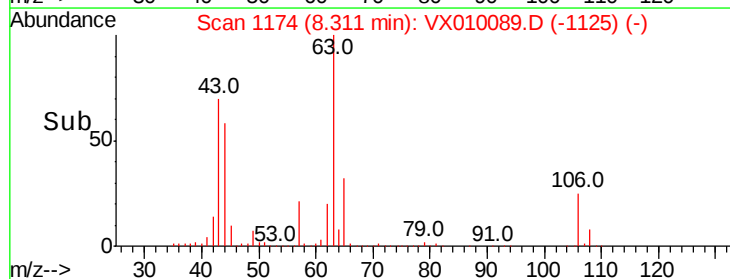
150000

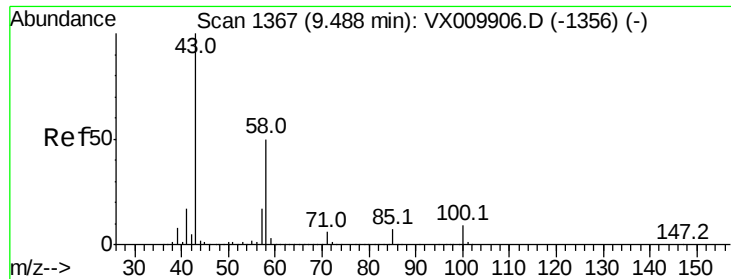
100000

50000

0

Time-->





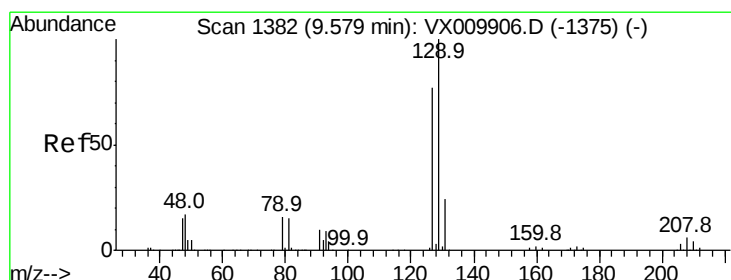
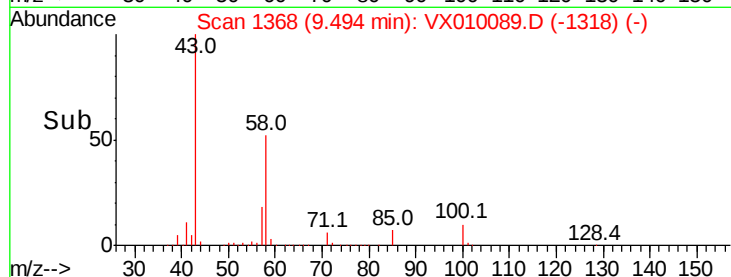
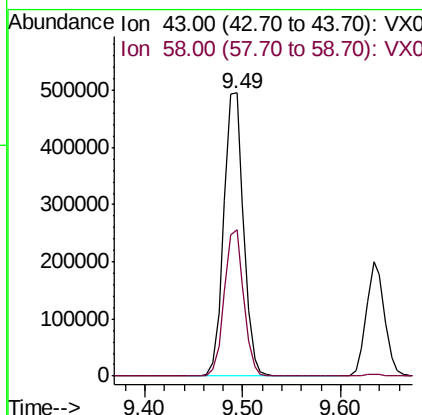
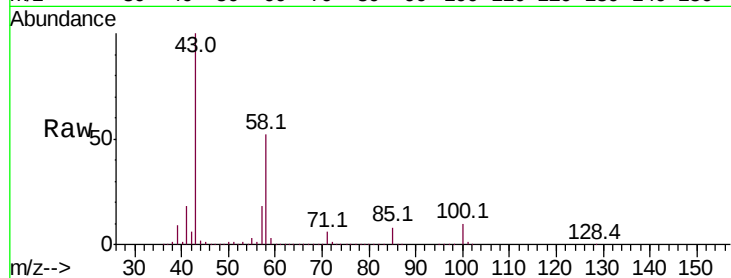
#59
2-Hexanone
Concen: 248.946 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion: 43 Resp: 695339
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.3

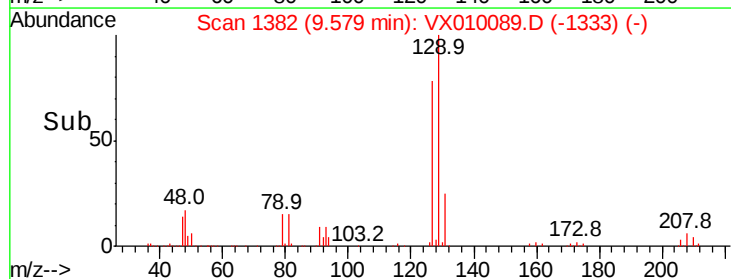
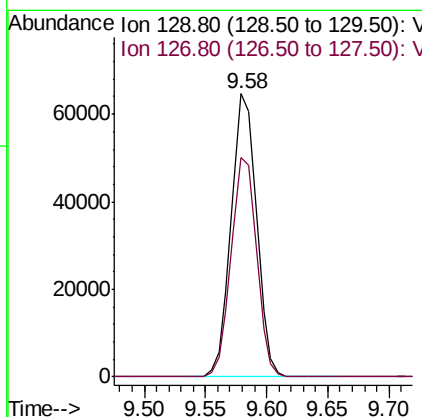
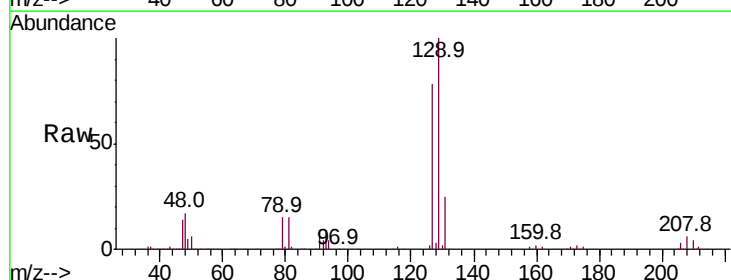
Manual Integrations
APPROVED

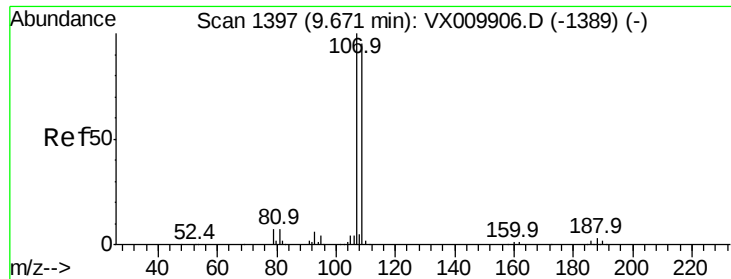
MMDadoda
6/6/2019 9:32:24 AM



#60
Dibromochloromethane
Concen: 52.519 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 129 Resp: 92901
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





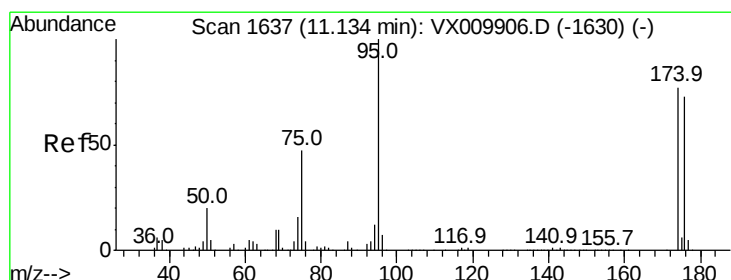
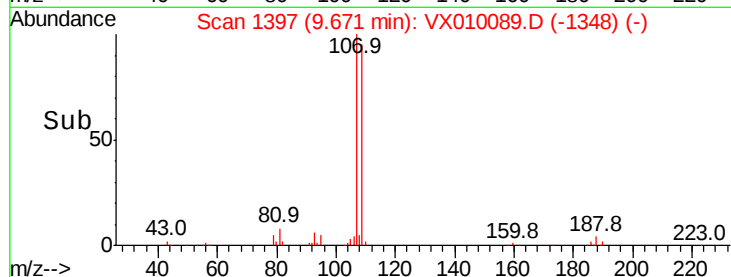
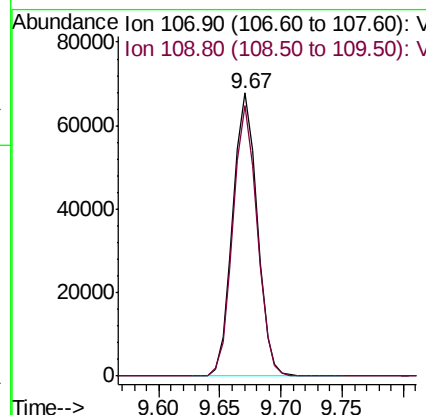
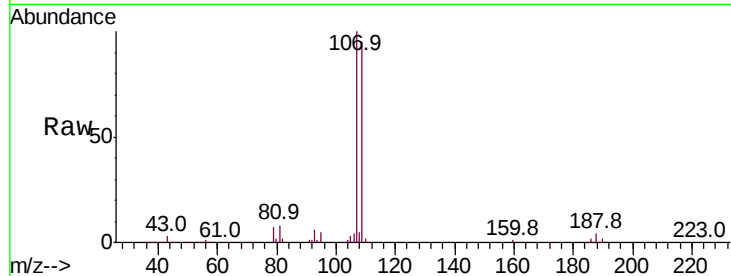
#61
 1,2-Dibromoethane
 Concen: 50.845 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.4	113.2

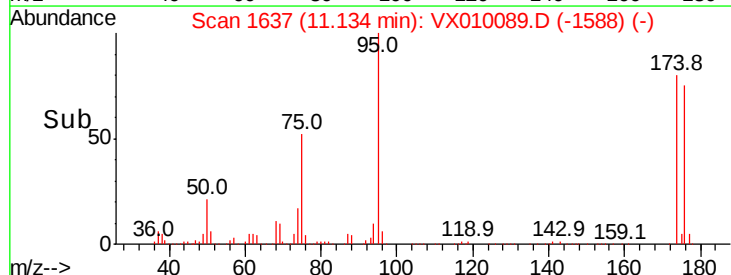
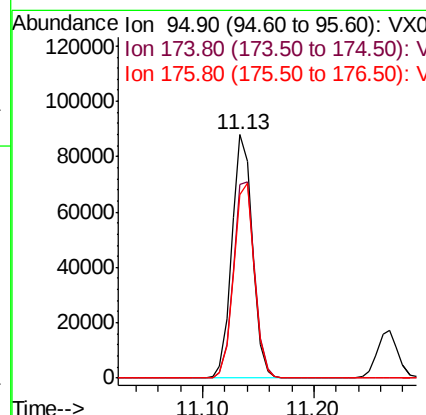
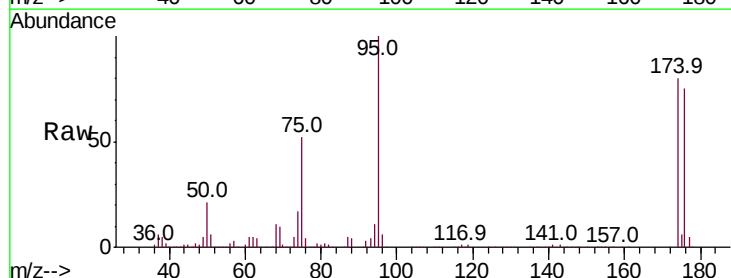
Manual Integrations
 APPROVED

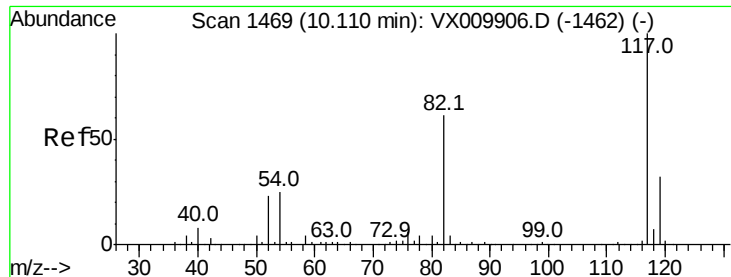
MMDadoda
 6/6/2019 9:32:24 AM



#62
 4-Bromofluorobenzene
 Concen: 50.039 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	160.4
176	80.5	0.0	154.6





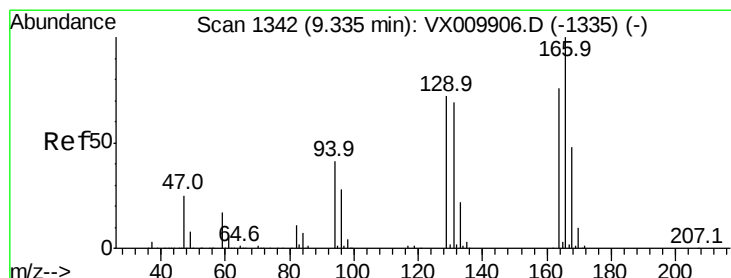
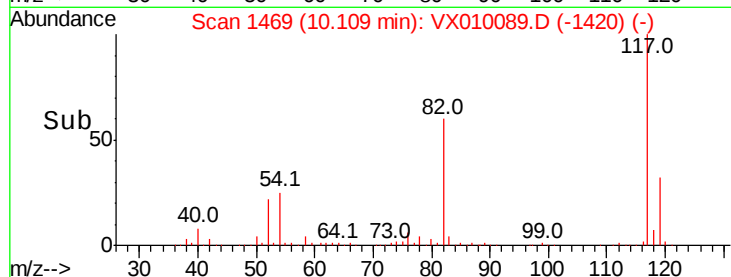
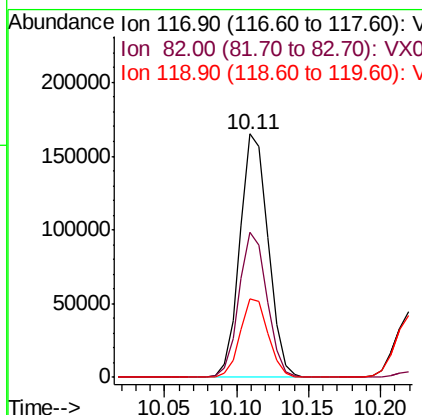
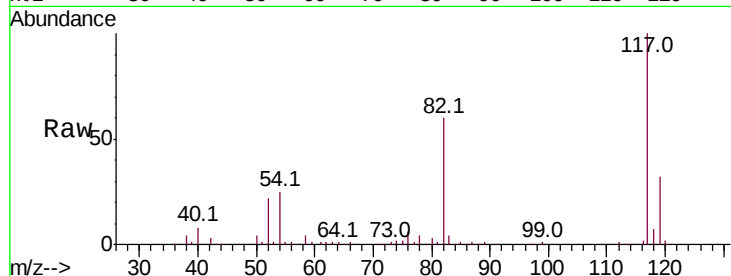
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	49.2	73.8
119	32.5	25.2	37.8

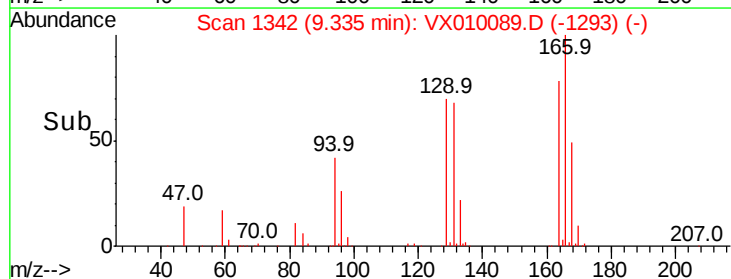
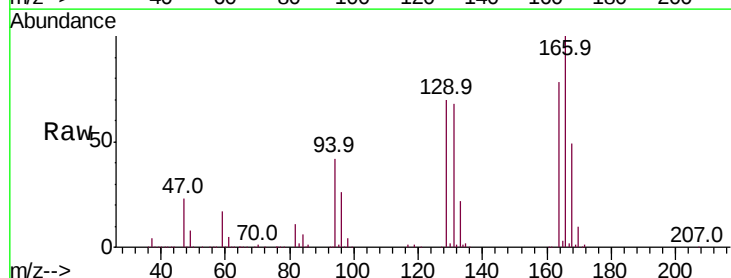
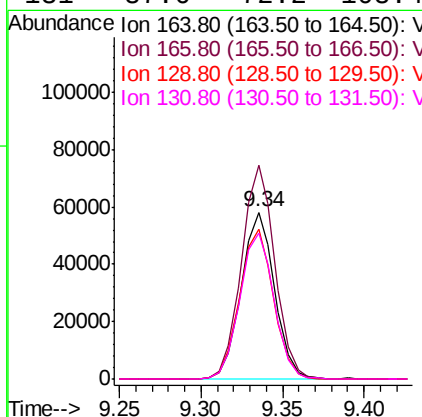
Manual Integrations
APPROVED

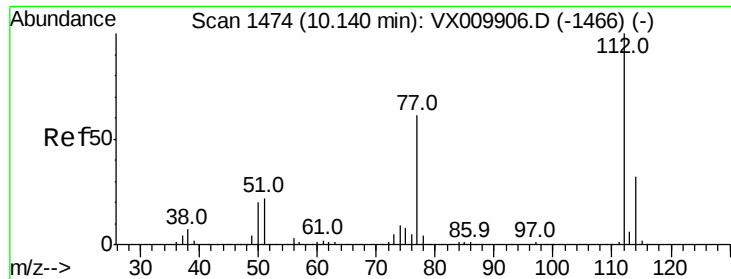
MMDadoda
6/6/2019 9:32:24 AM



#64
Tetrachloroethene
Concen: 52.516 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	105.0	157.4
129	89.7	75.1	112.7
131	87.6	72.2	108.4





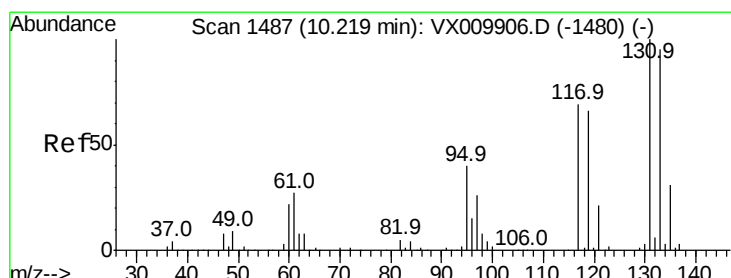
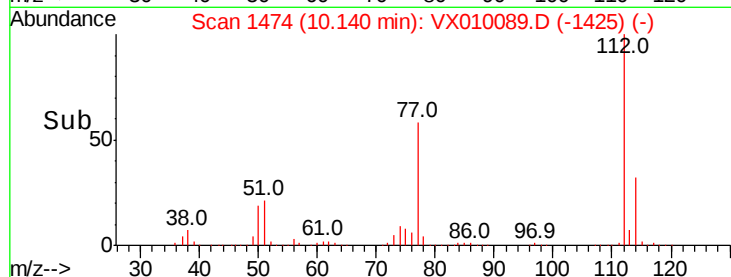
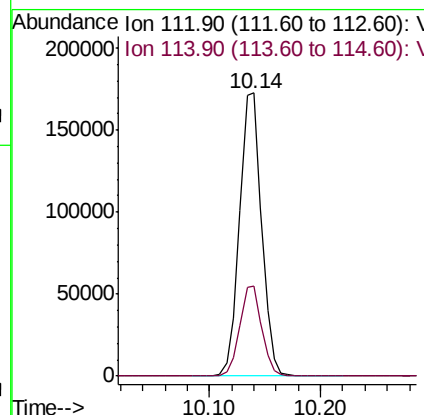
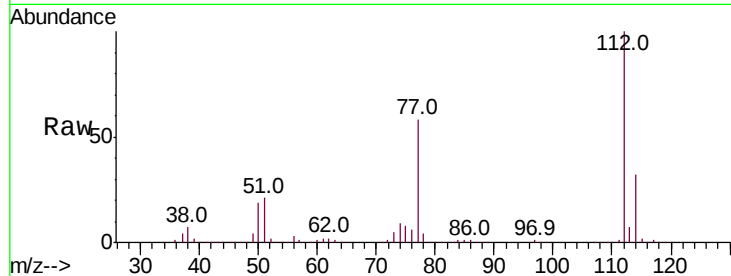
#65
Chlorobenzene
Concen: 50.349 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion:112 Resp: 237054
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

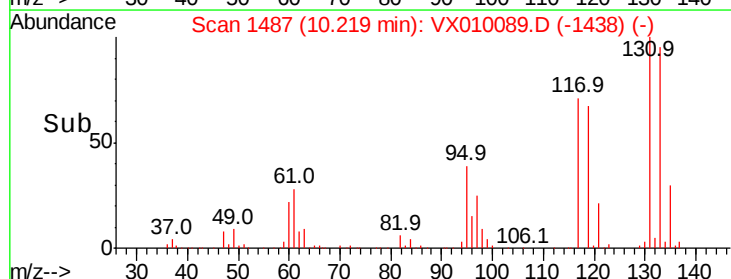
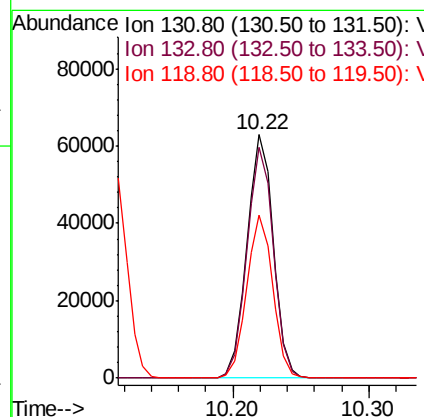
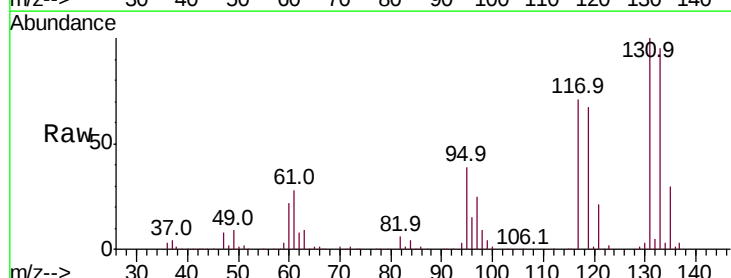
Manual Integrations
APPROVED

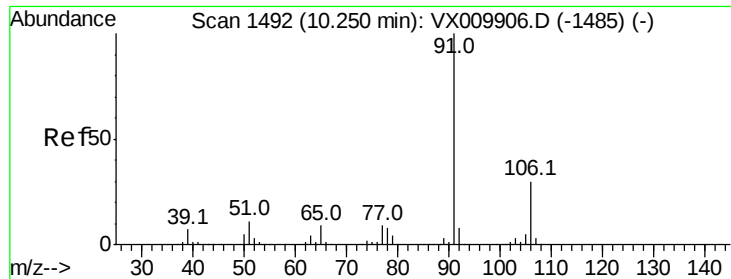
MMDadoda
6/6/2019 9:32:24 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.069 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion:131 Resp: 85028
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.3 33.4 100.1





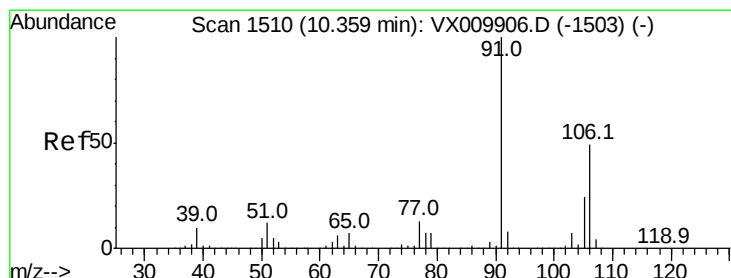
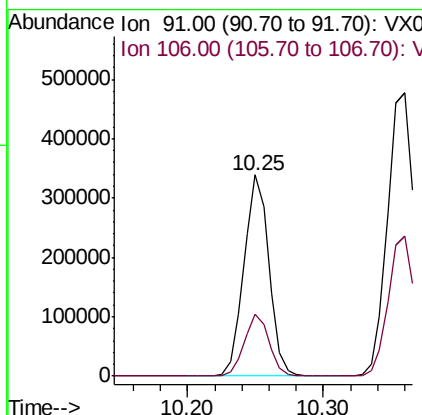
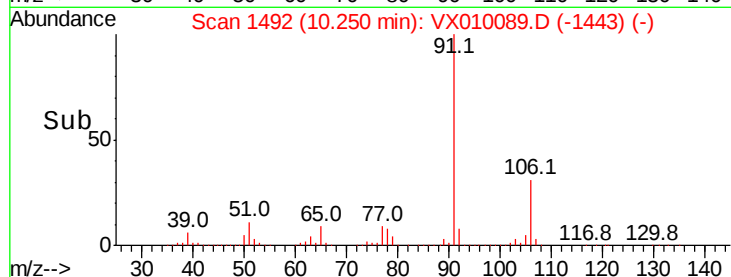
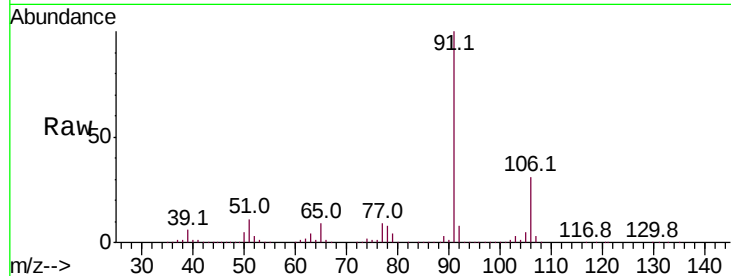
#67
Ethyl Benzene
Concen: 51.468 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion: 91 Resp: 435092
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9

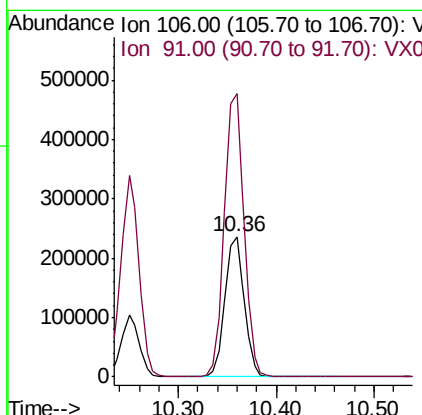
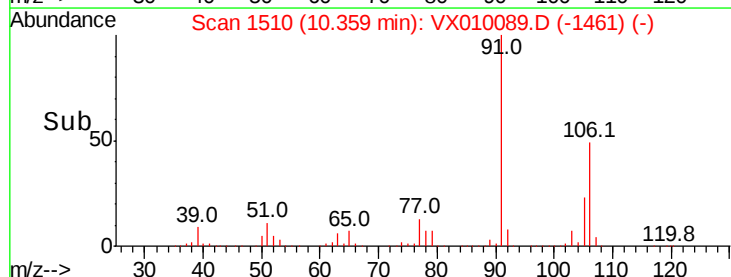
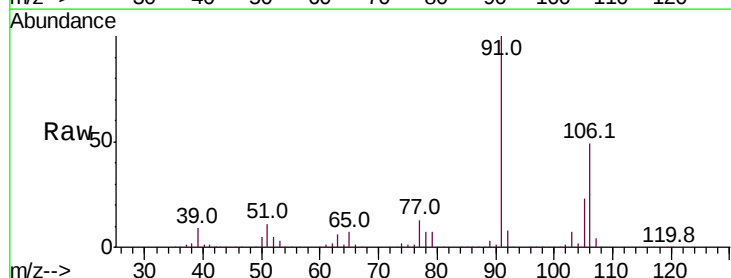
Manual Integrations
APPROVED

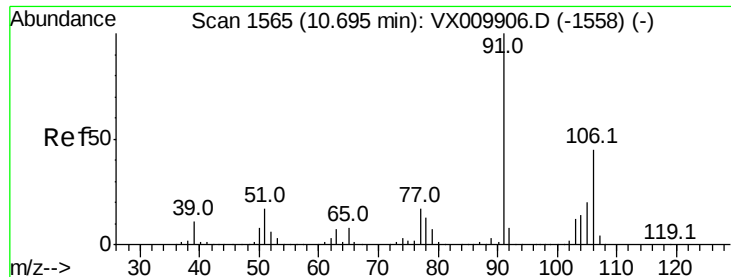
MMDadoda
6/6/2019 9:32:24 AM



#68
m/p-Xylenes
Concen: 103.227 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion: 106 Resp: 322388
Ion Ratio Lower Upper
106 100
91 207.3 167.3 250.9





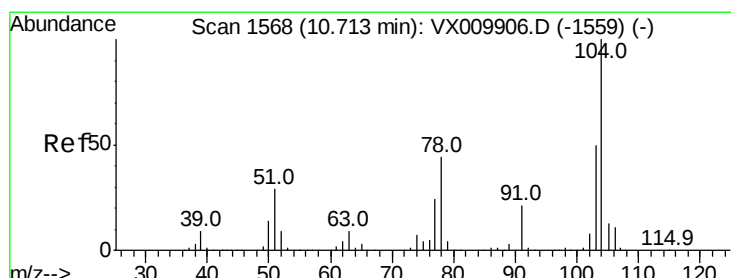
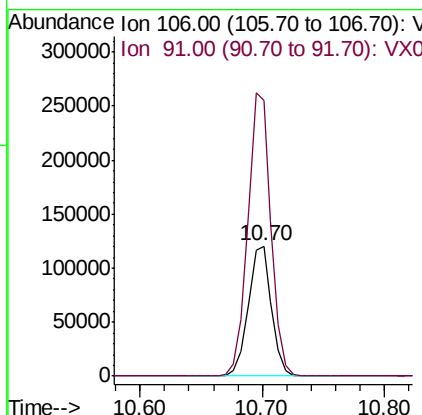
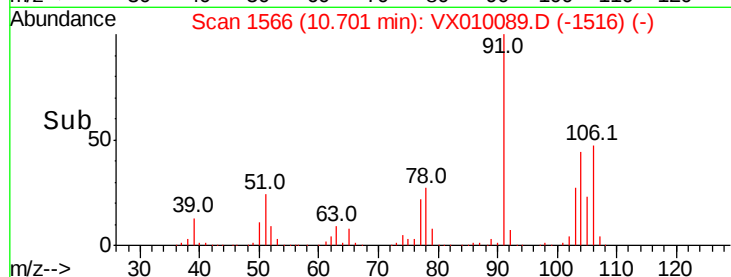
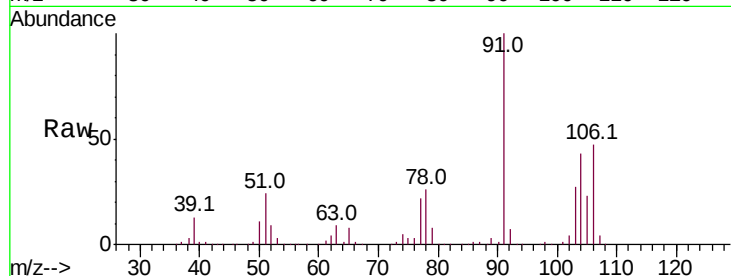
#69
o-Xylene
Concen: 52.700 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion:106 Resp: 157845
Ion Ratio Lower Upper
106 100
91 217.9 110.4 331.2

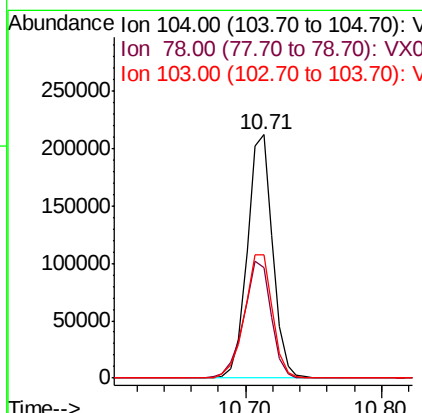
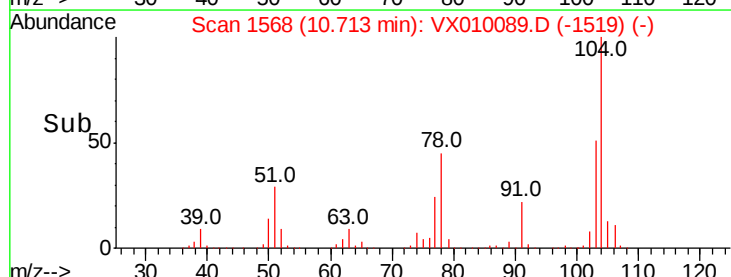
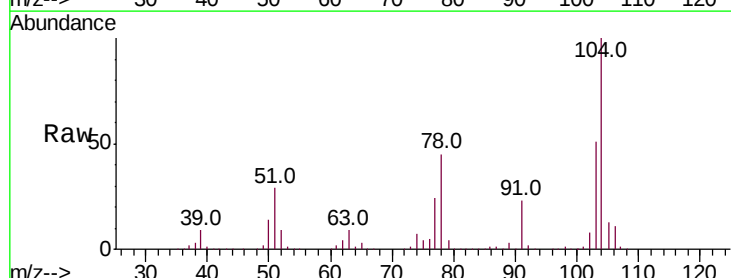
Manual Integrations
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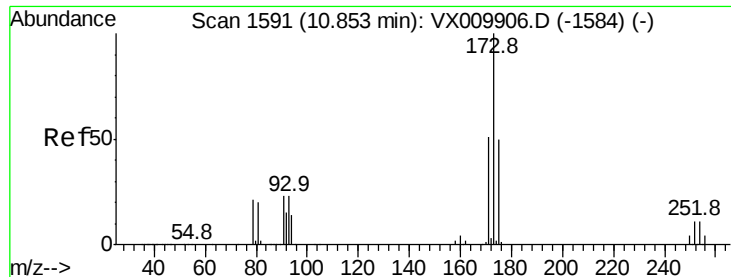
MMDadoda
6/6/2019 9:32:24 AM



#70
Styrene
Concen: 52.441 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion:104 Resp: 275422
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 56.0 44.1 66.1





#71

Bromoform

Concen: 54.046 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:173 Resp: 72143

Ion Ratio Lower Upper

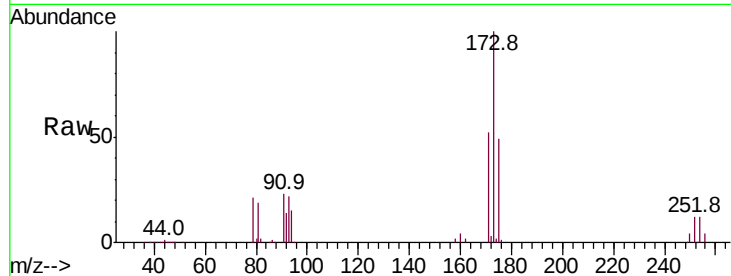
173 100

175 49.3 25.0 75.0

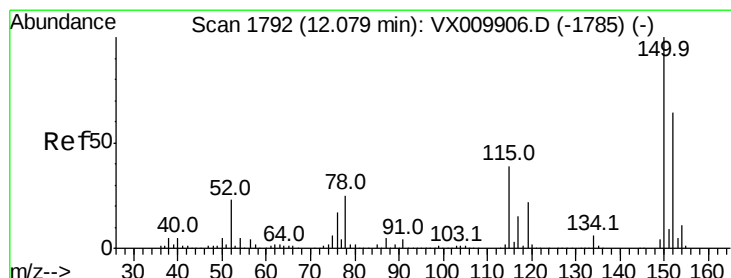
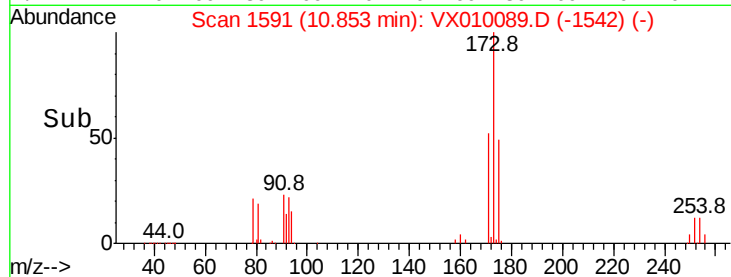
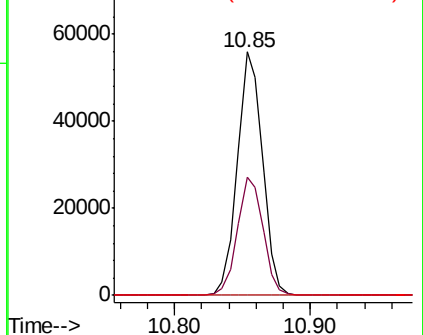
254 0.2 0.2 0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

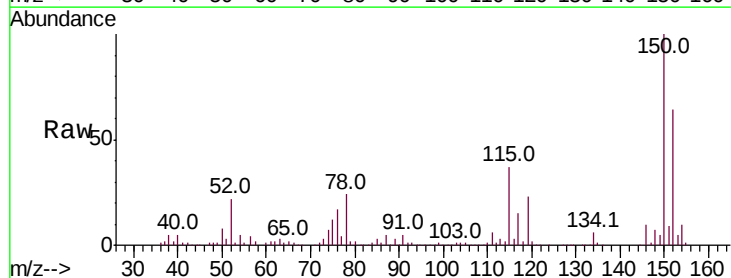
Tgt Ion:152 Resp: 111816

Ion Ratio Lower Upper

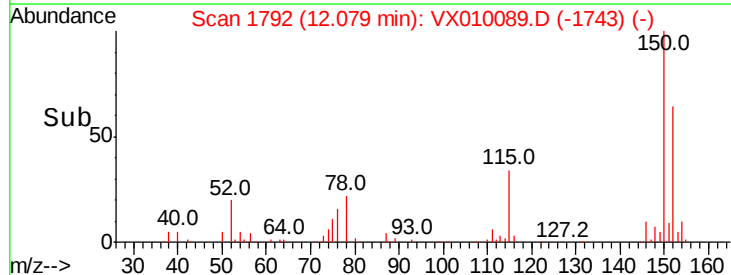
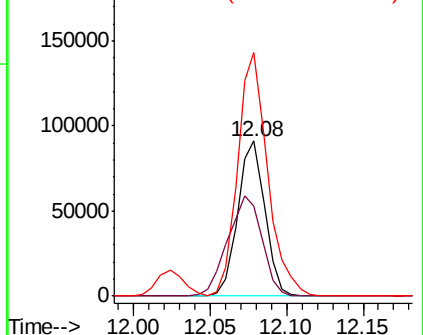
152 100

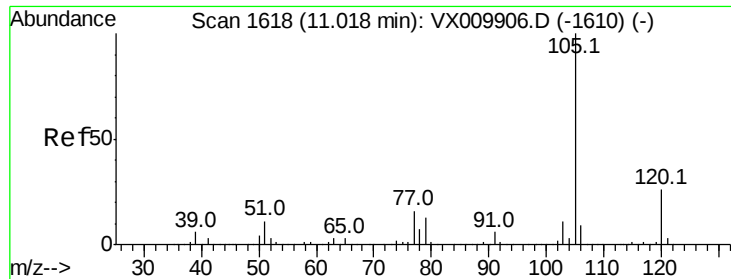
115 81.2 41.4 124.2

150 173.3 0.0 345.2



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





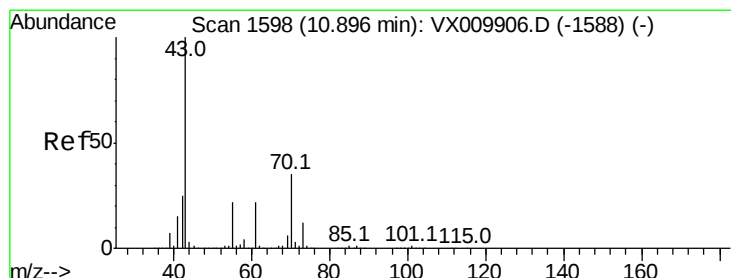
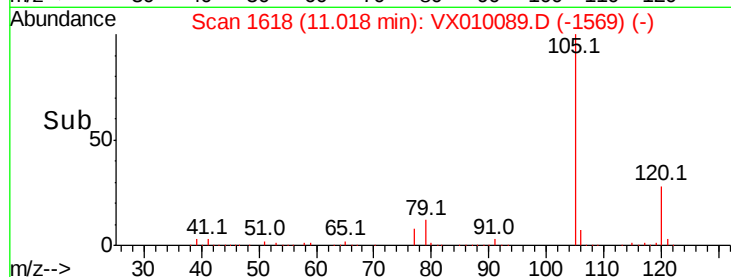
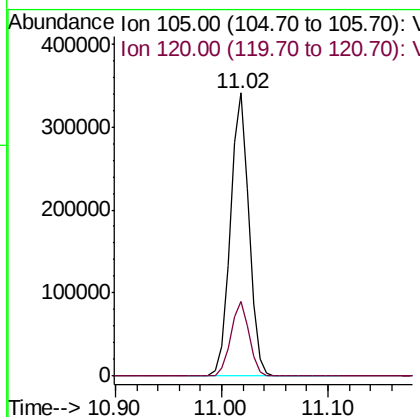
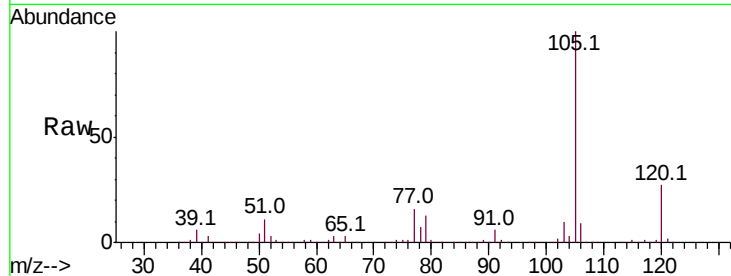
#73
Isopropylbenzene
Concen: 50.495 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	416582		
120	26.1		12.8	38.4

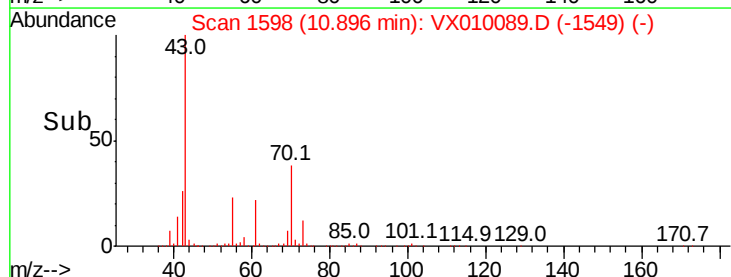
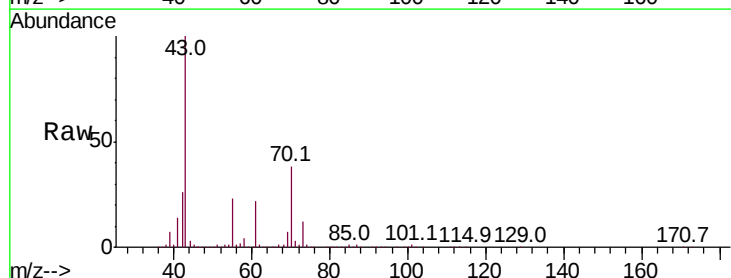
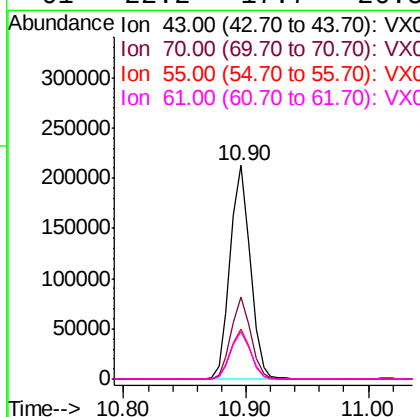
Manual Integrations
APPROVED

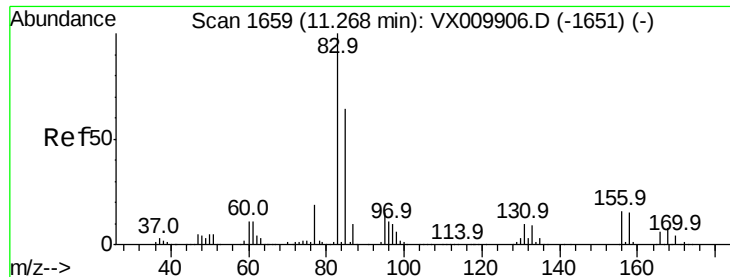
MMDadoda
6/6/2019 9:32:24 AM



#74
N-ethyl acetate
Concen: 48.994 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	241534		
70	37.3		28.6	43.0
55	23.0		17.8	26.8
61	22.2		17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.782 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

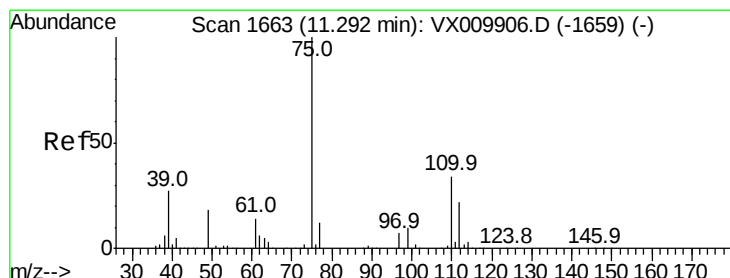
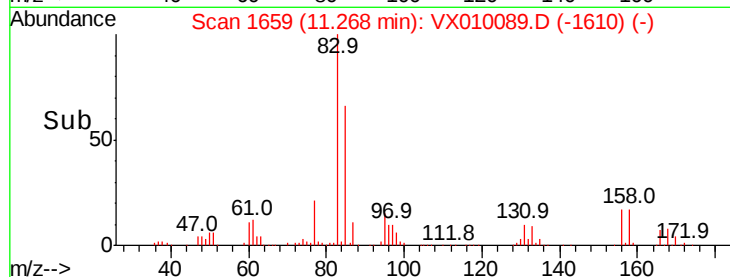
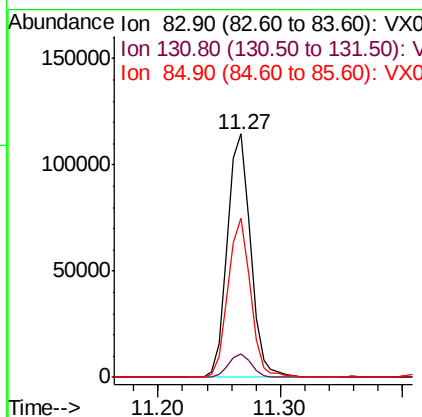
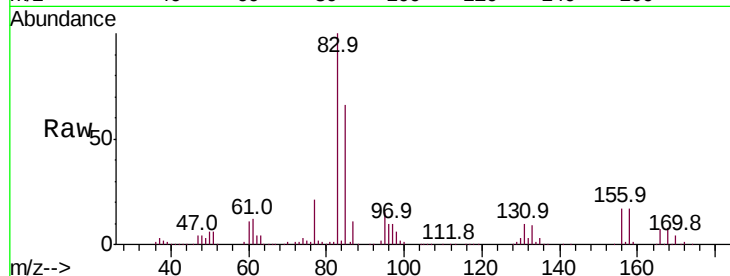
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	83	Resp:	150143
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	63.5	31.9	95.9

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6/6/2019 9:32:24 AM



#76

1,2,3-Trichloropropane

Concen: 49.270 ug/l m

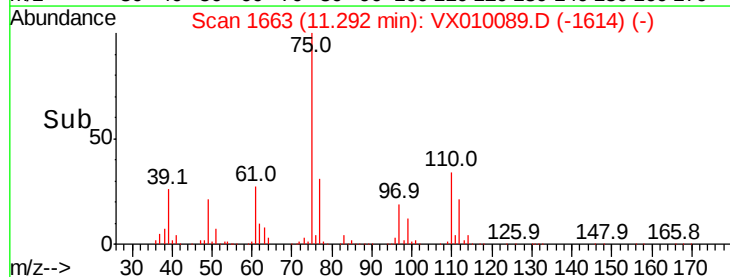
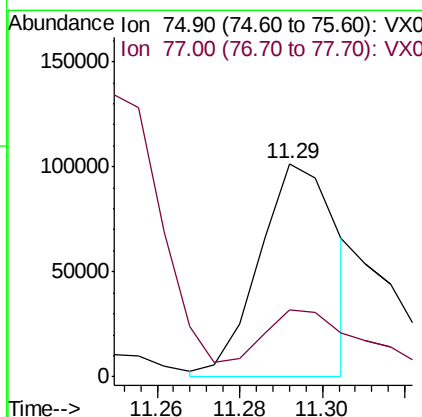
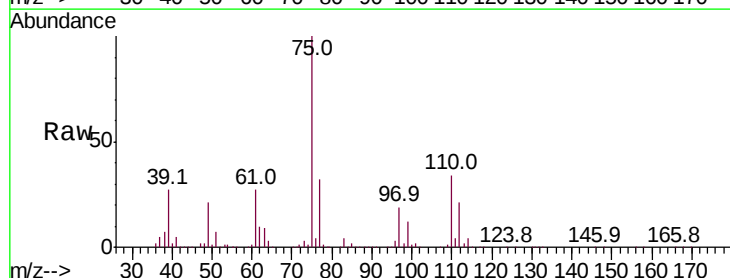
RT: 11.29 min Scan# 1663

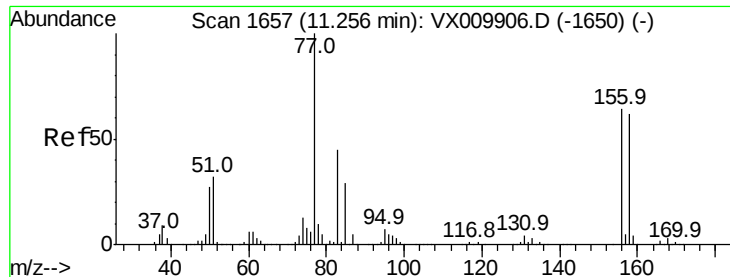
Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	75	Resp:	131741
Ion Ratio	Lower	Upper	
75	100		
77	42.9	22.1	66.1





#77

Bromobenzene

Concen: 50.285 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

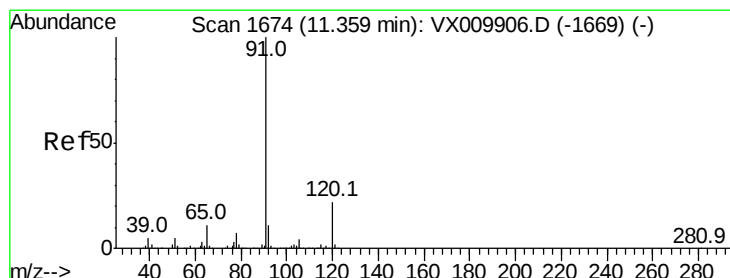
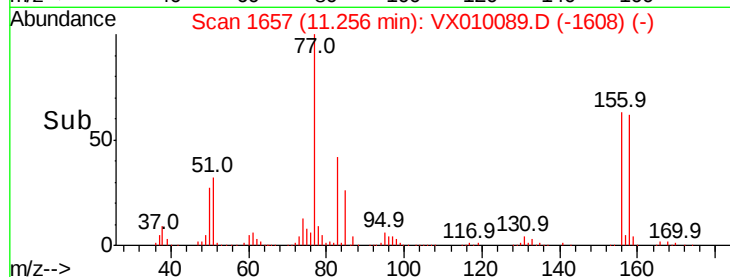
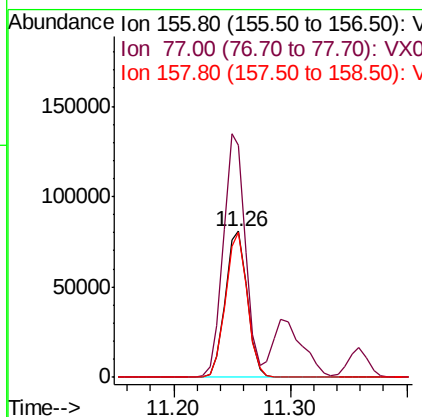
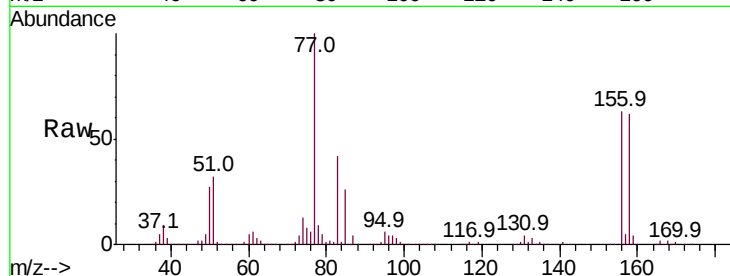
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	156	Resp:	105724
Ion Ratio	Lower	Upper	
156	100		
77	165.9	86.8	260.3
158	97.0	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.537 ug/l

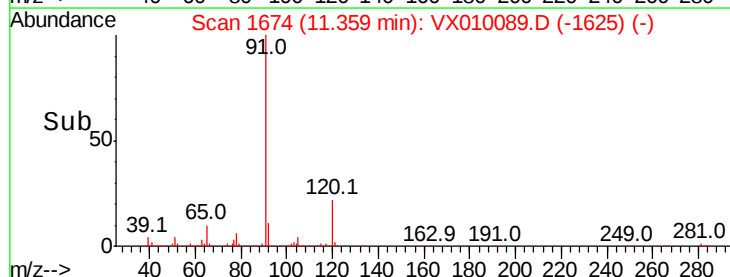
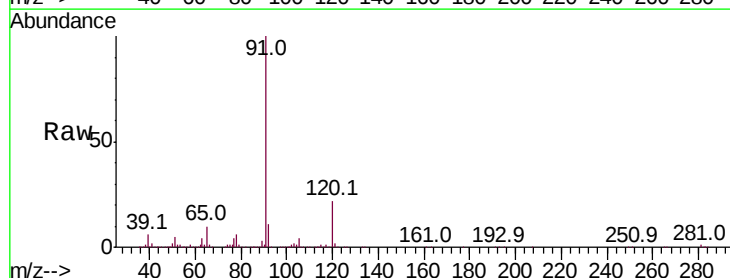
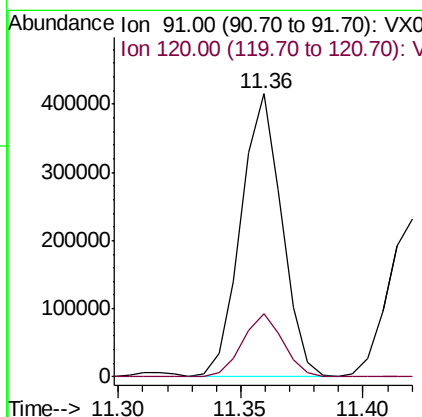
RT: 11.36 min Scan# 1674

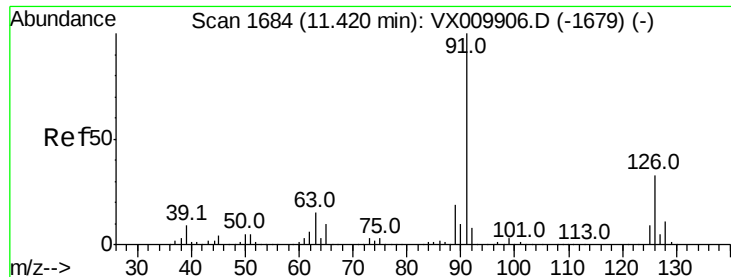
Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	91	Resp:	480579
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.1	33.3





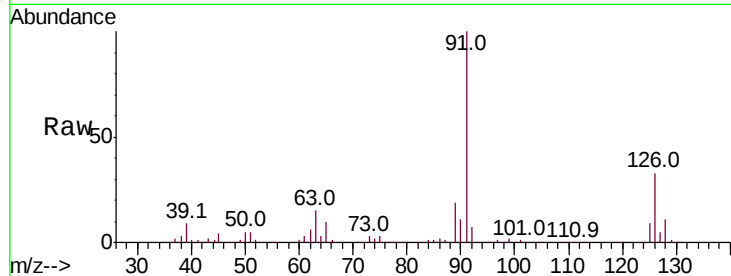
#79
2-Chlorotoluene
Concen: 49.199 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

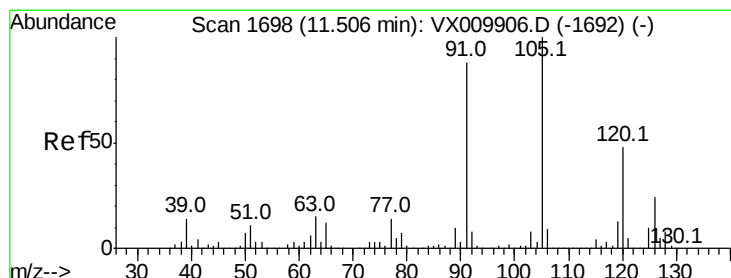
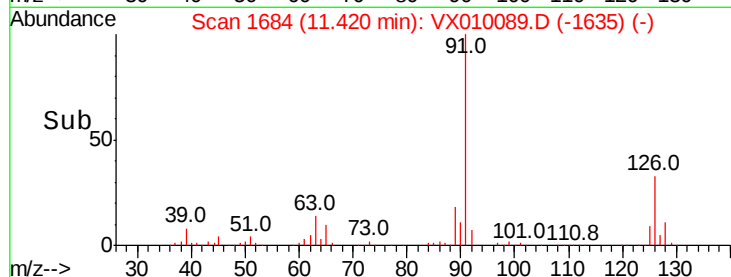
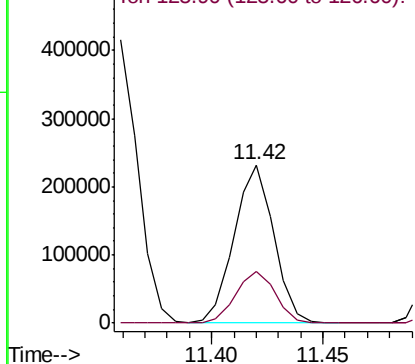
Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.1	48.3

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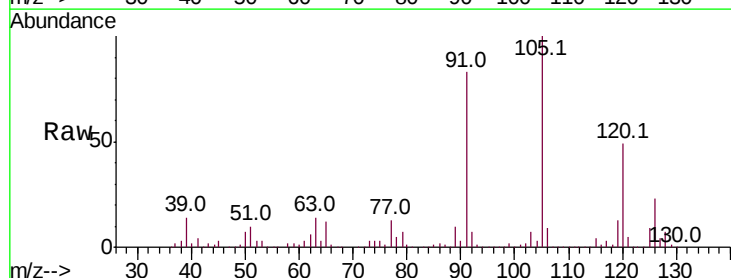


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

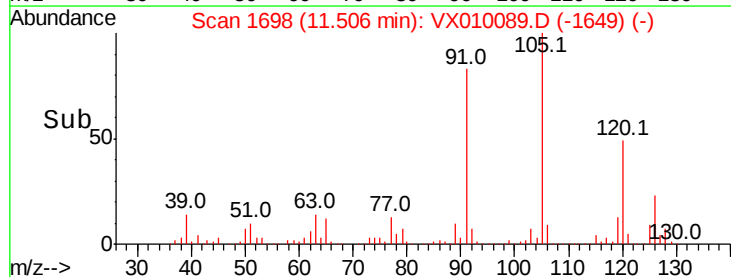
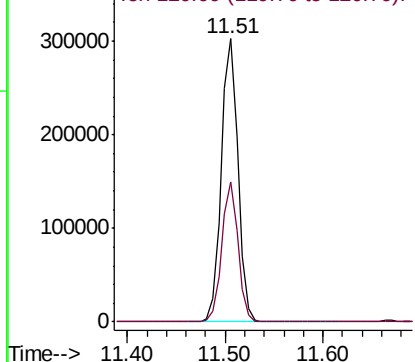


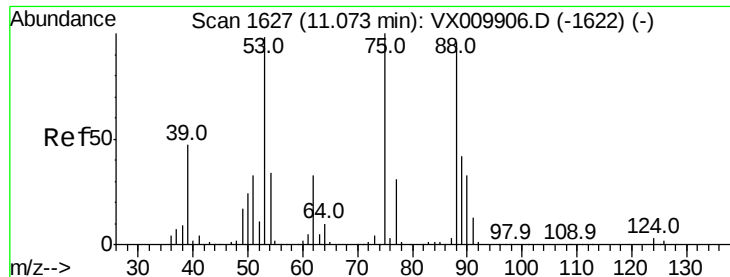
#80
1,3,5-Trimethylbenzene
Concen: 51.177 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





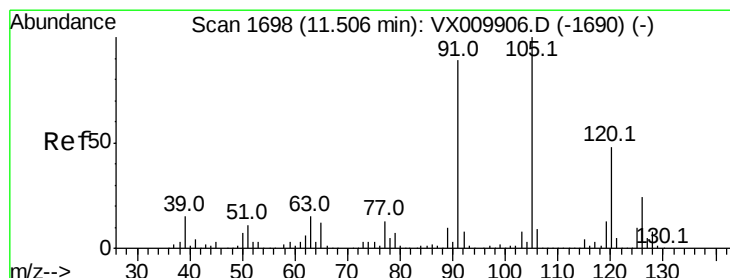
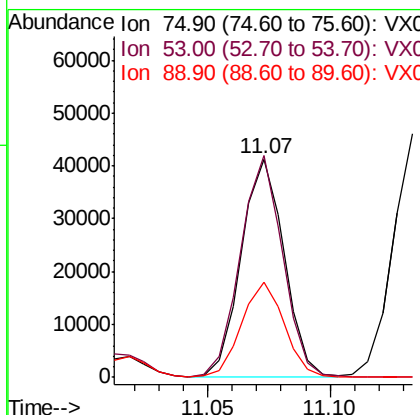
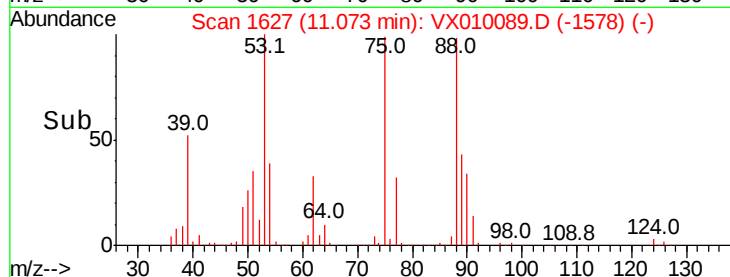
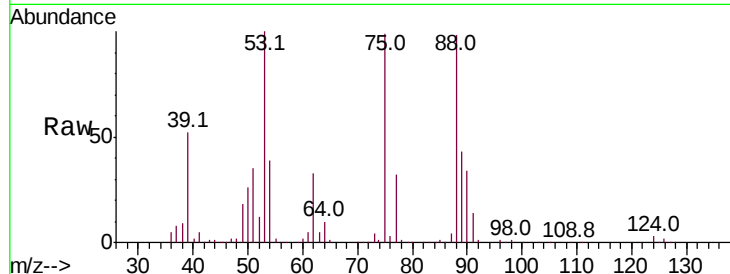
#81
trans-1,4-Dichloro-2-butene
Concen: 46.456 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	79.8	119.6
89	44.0	34.2	51.4

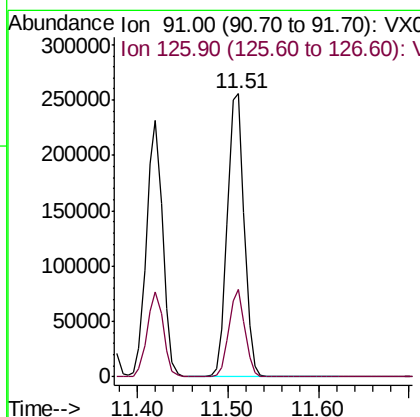
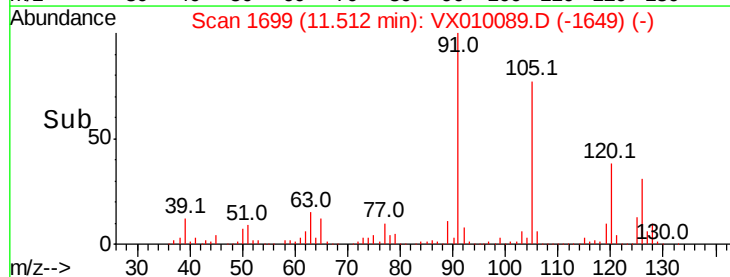
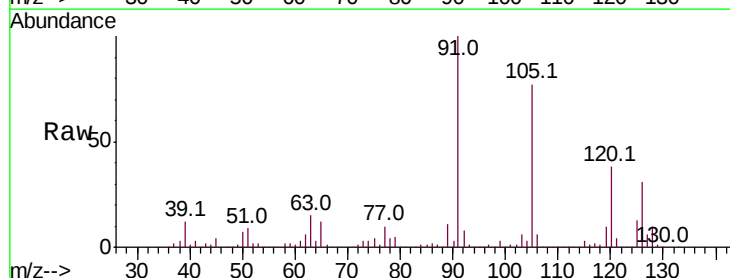
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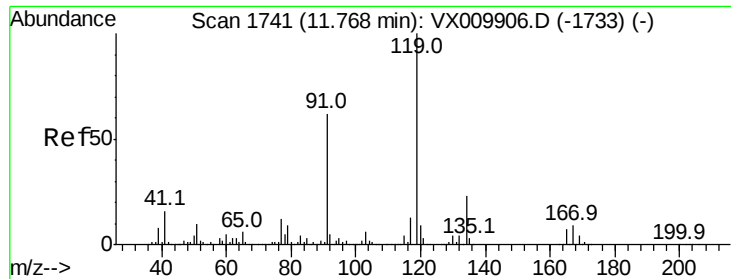
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#82
4-Chlorotoluene
Concen: 49.038 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6





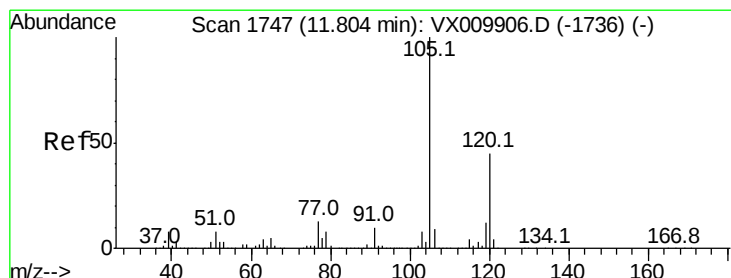
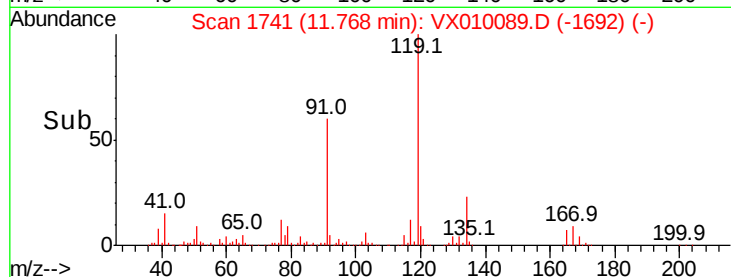
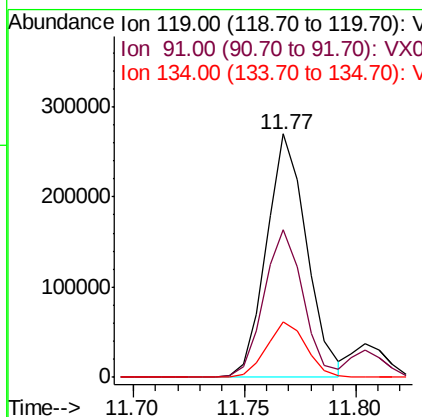
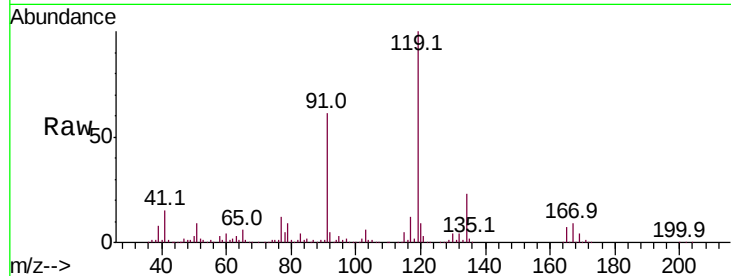
#83
tert-Butylbenzene
Concen: 50.968 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	338909		
91	59.1	30.0	90.0	
134	22.5	11.2	33.5	

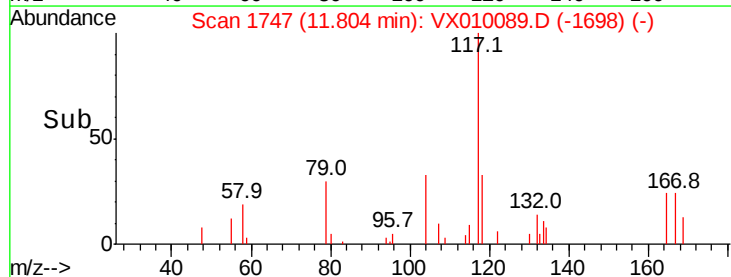
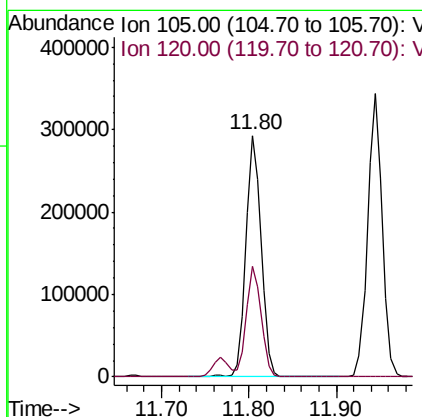
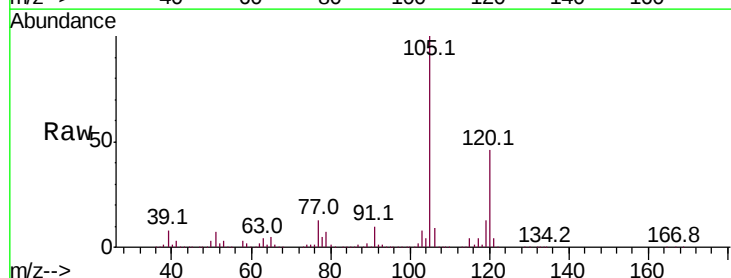
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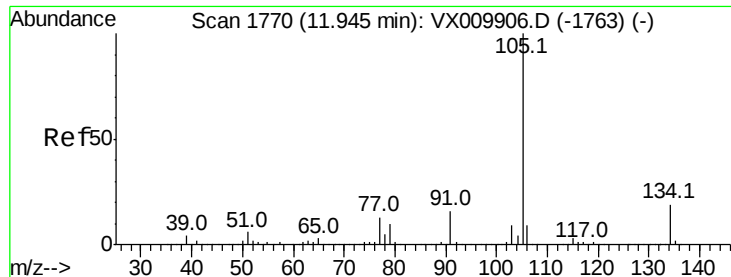
MMDadoda
6/6/2019 9:32:24 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.153 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354003		
120	44.2	22.1	66.1	





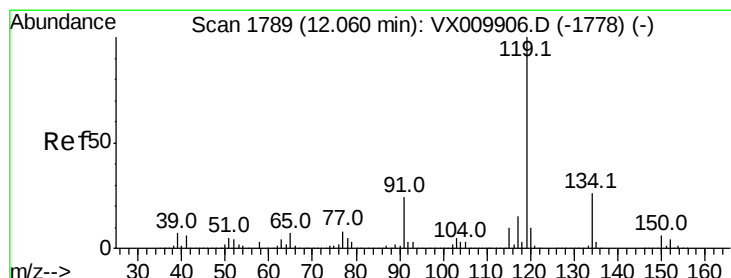
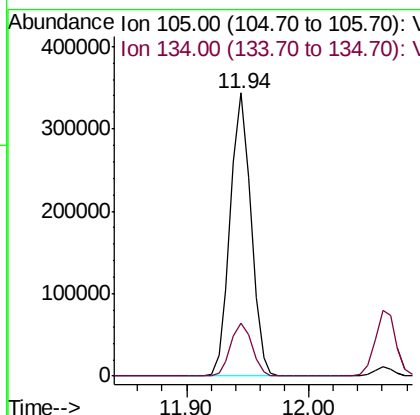
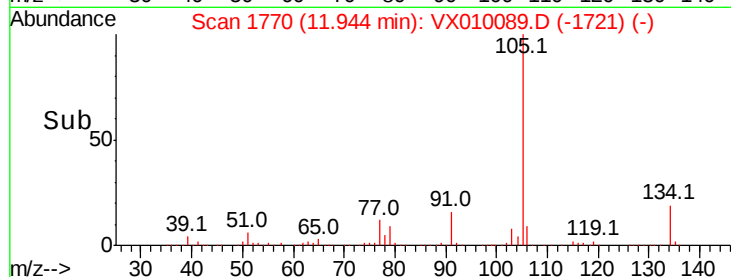
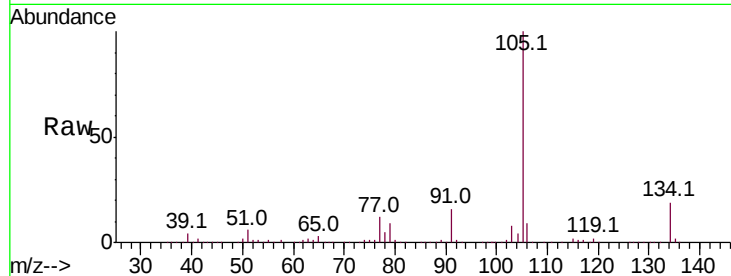
#85
 sec-Butylbenzene
 Concen: 50.871 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	402423		
134	19.4	9.7	28.9	

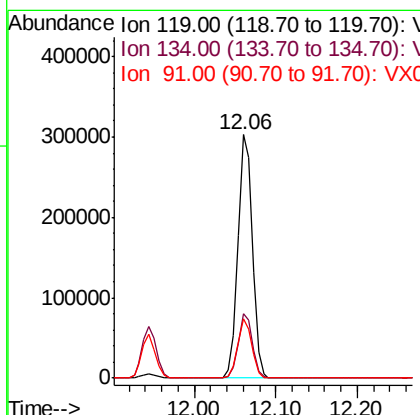
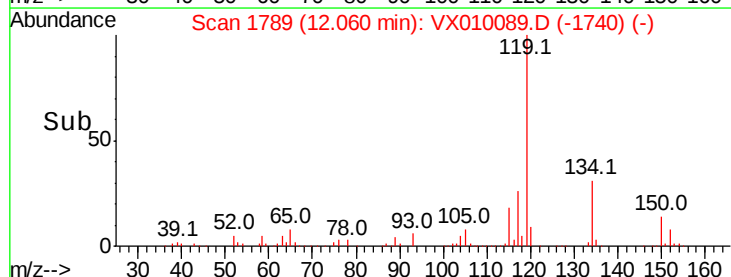
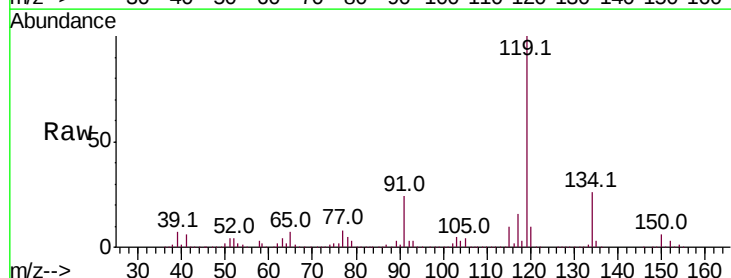
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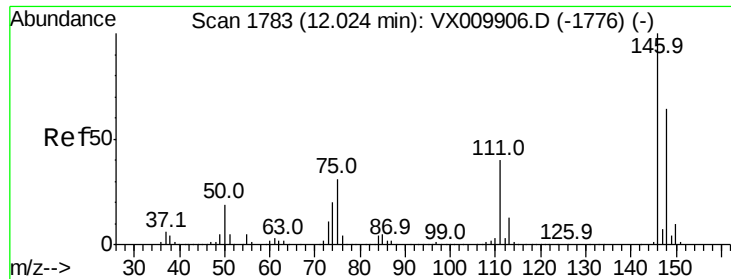
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#86
 p-Isopropyltoluene
 Concen: 50.980 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	362741		
134	26.0	12.9	38.6	
91	23.8	11.9	35.9	





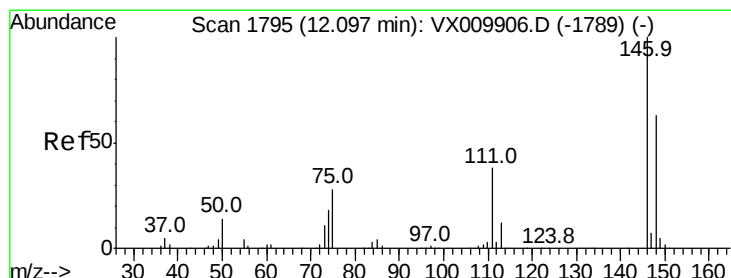
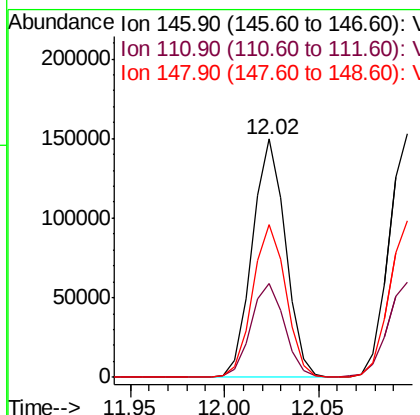
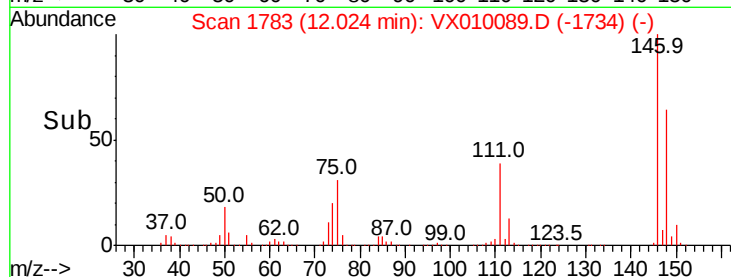
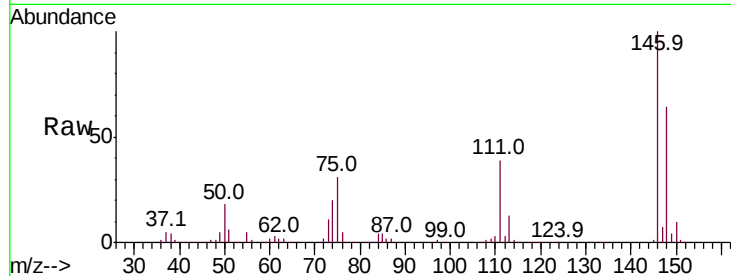
#87
 1,3-Dichlorobenzene
 Concen: 48.948 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	64.0	31.9	95.5

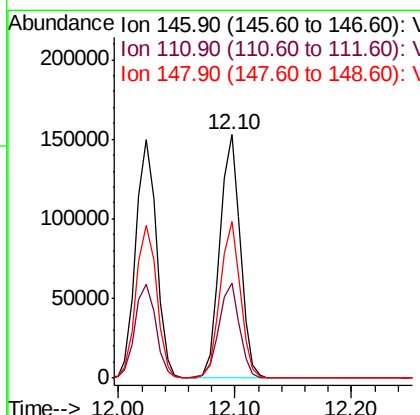
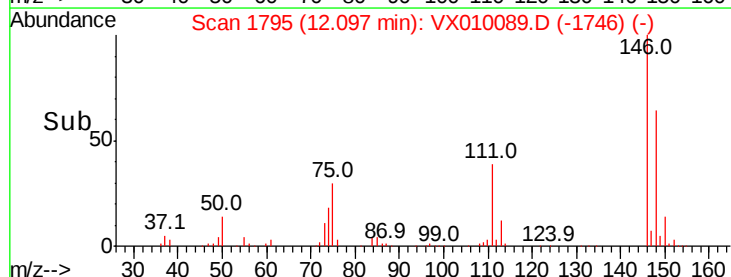
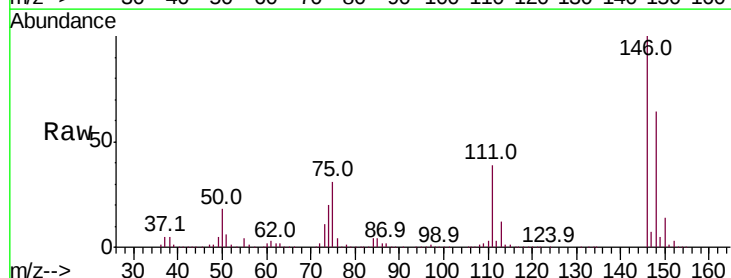
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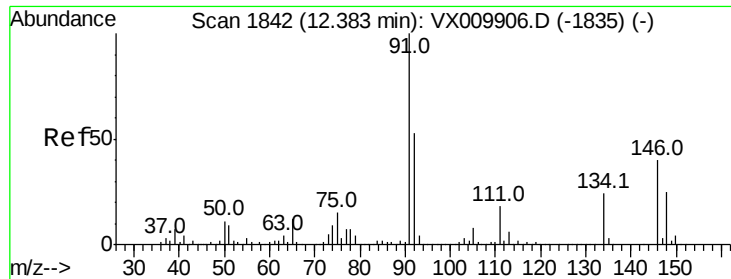
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#88
 1,4-Dichlorobenzene
 Concen: 48.045 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	59.9
148	63.9	32.3	96.9





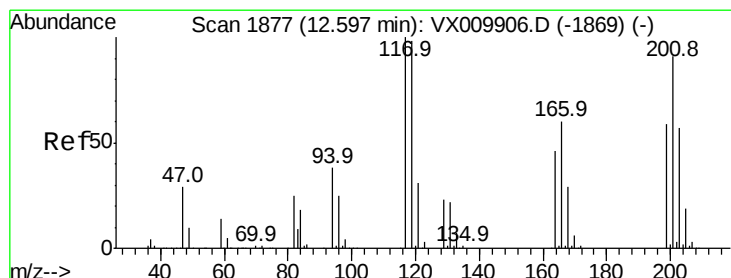
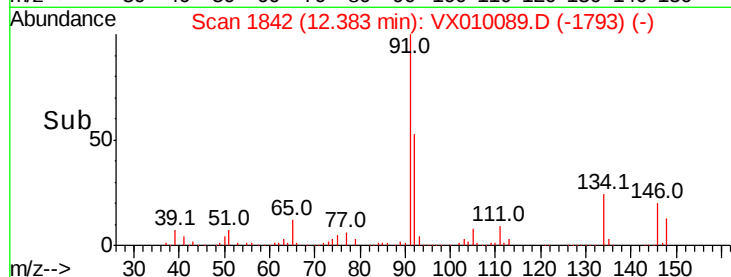
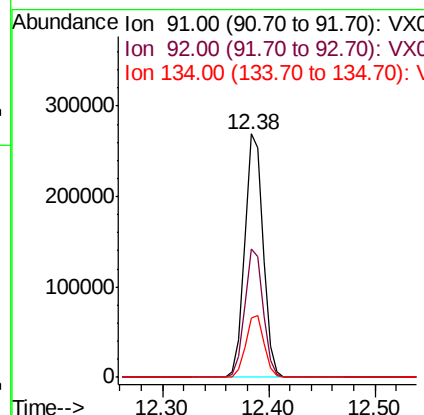
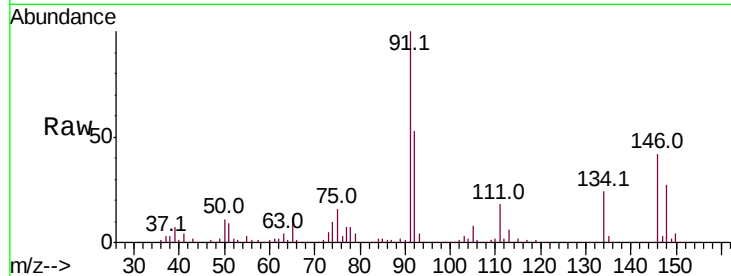
#89
n-Butylbenzene
Concen: 49.056 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.8
134	25.5	12.3	36.8

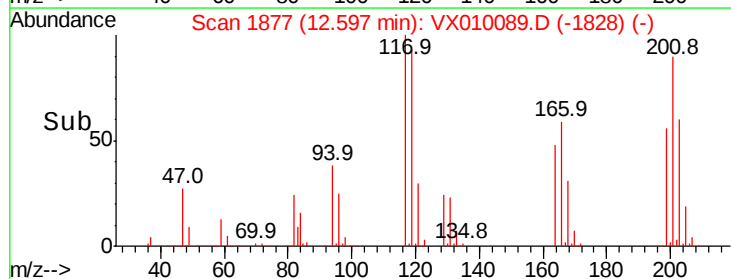
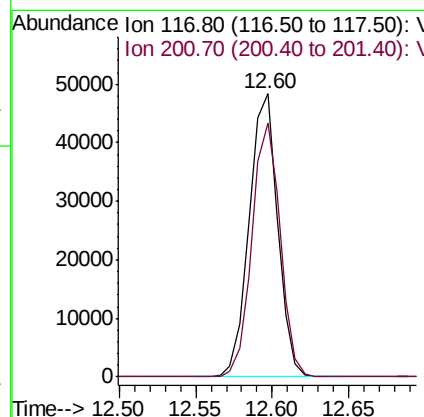
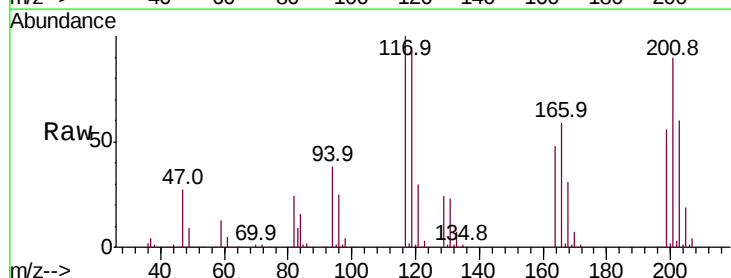
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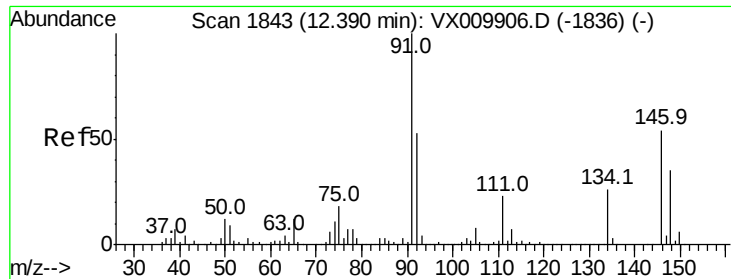
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#90
Hexachloroethane
Concen: 51.225 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010089.D
Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	43.6	130.9





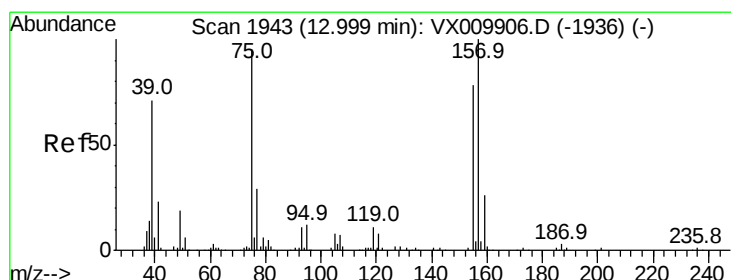
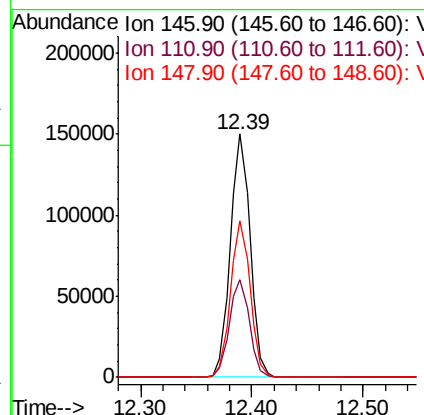
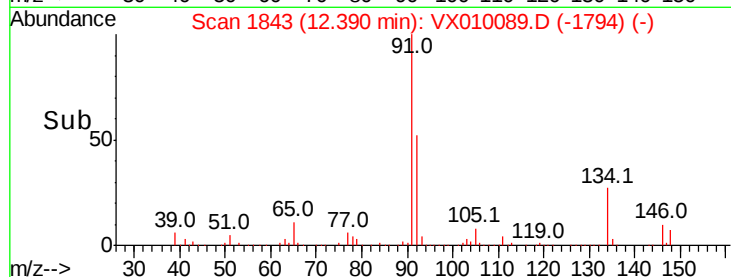
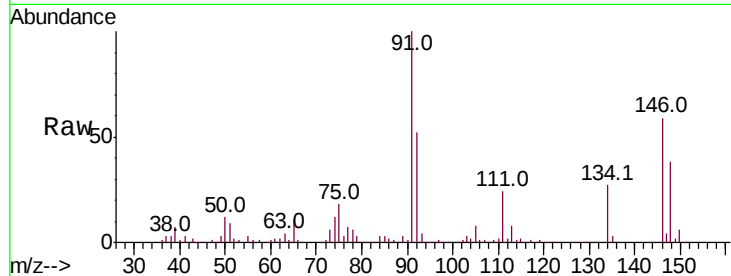
#91
 1,2-Dichlorobenzene
 Concen: 50.019 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	184592		
111	40.6	21.1	63.1	
148	63.8	32.3	96.8	

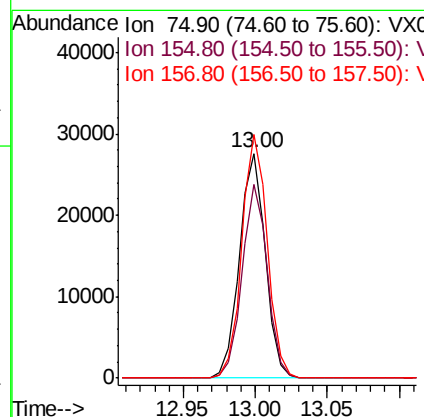
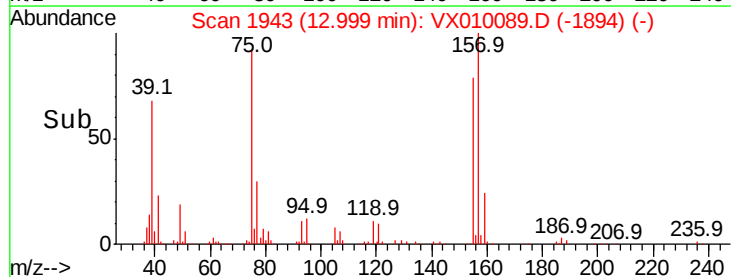
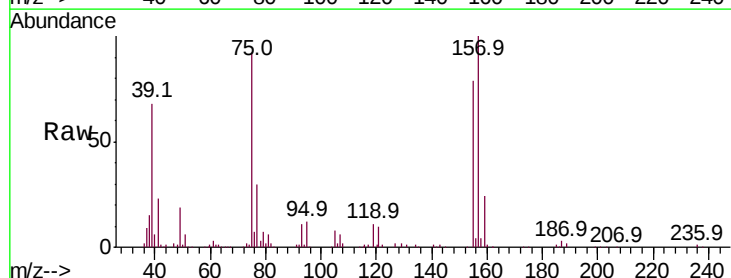
Manual Integrations
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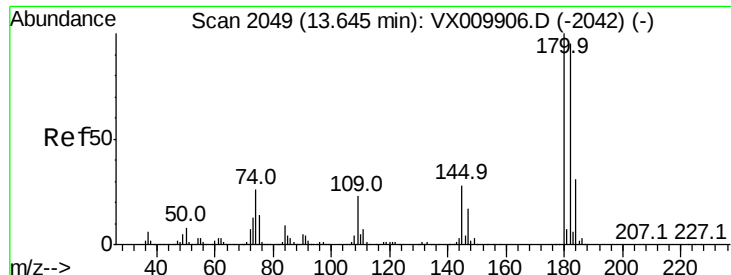
MMDadoda
 6/6/2019 9:32:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.642 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34516		
155	83.4	39.3	117.8	
157	106.3	50.6	151.8	





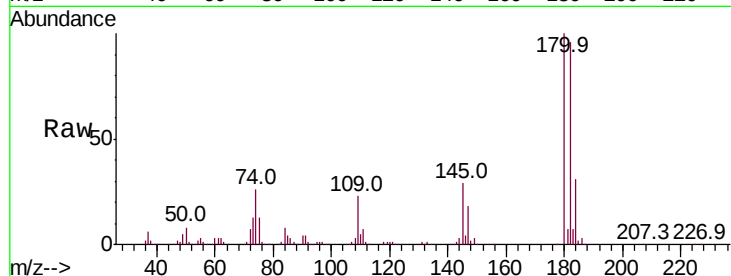
#93
 1,2,4-Trichlorobenzene
 Concen: 48.964 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-30190604MS

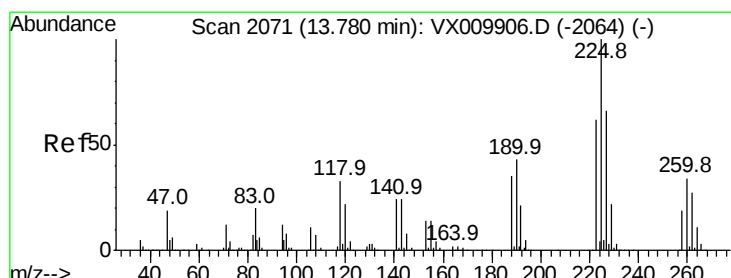
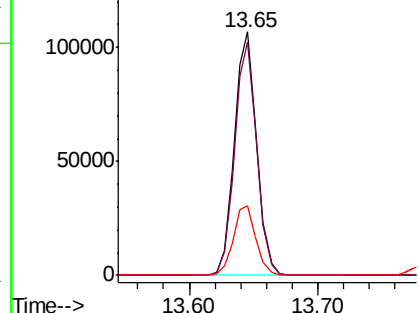
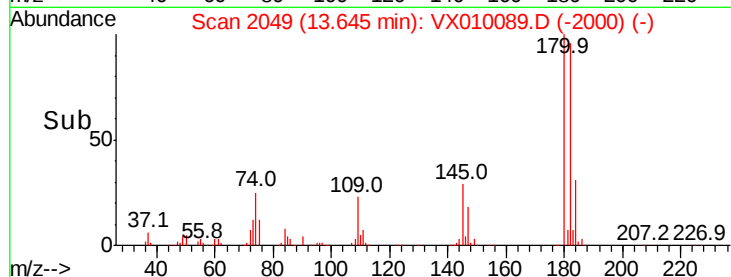
Tot Ion	Ratio	Resp	Lower	Upper
180	100	129131		
182	95.2	47.4	142.2	
145	29.0	14.5	43.5	

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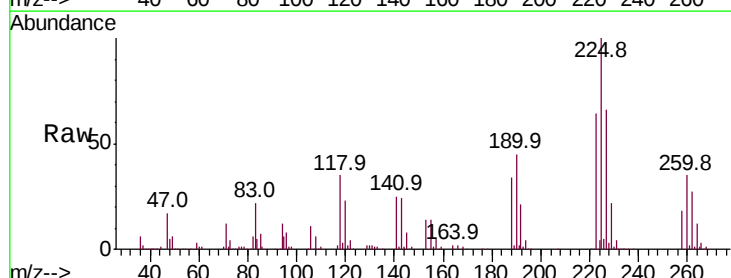


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

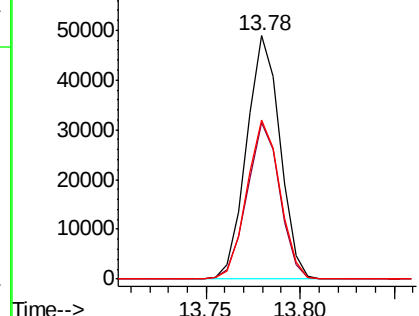
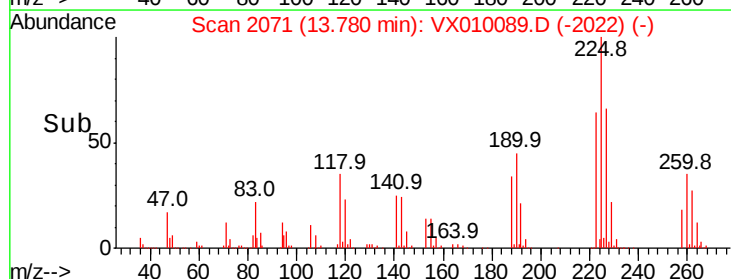


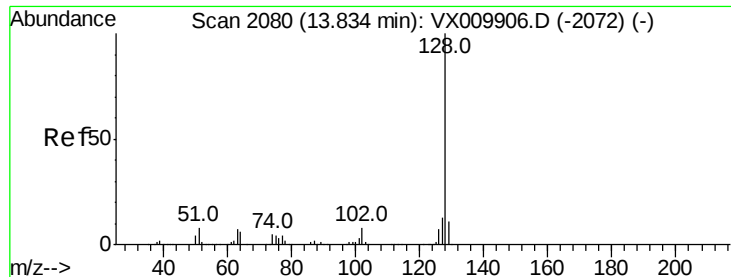
#94
 Hexachlorobutadiene
 Concen: 45.515 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010089.D
 Acq: 05 Jun 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60207		
223	62.8	31.3	93.8	
227	64.6	32.3	96.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.601 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Instrument :

MSVOA_X

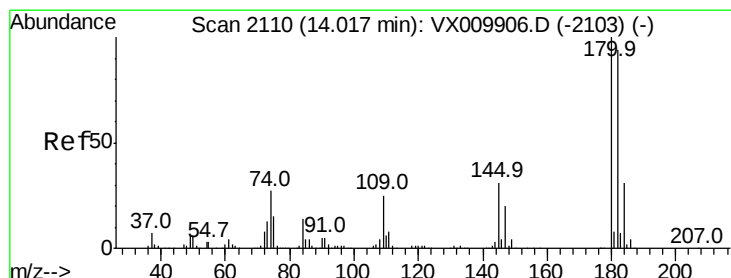
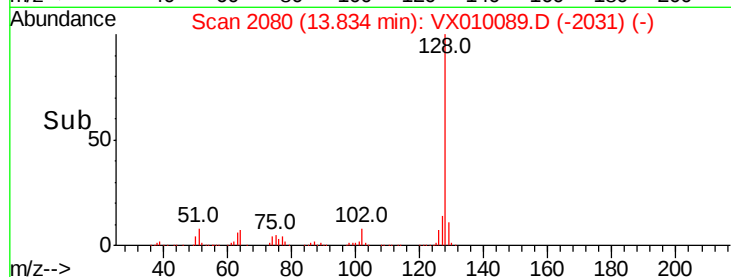
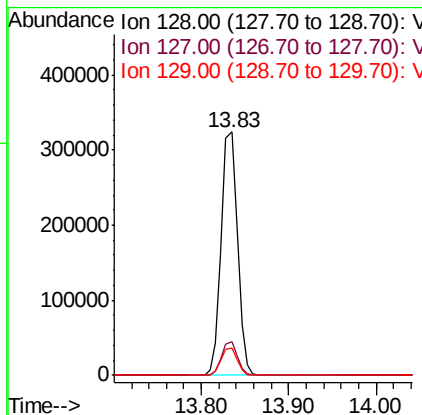
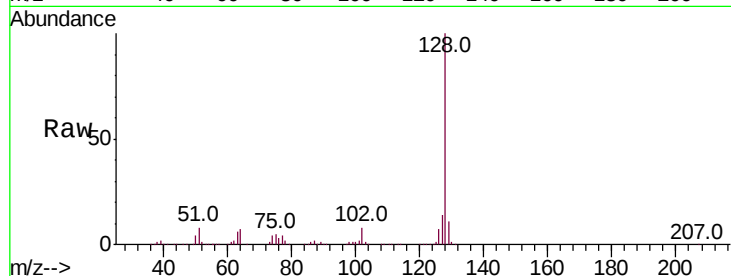
ClientSampleId :

BPS1-TT-MW304S-30190604MS

Tot Ion:	128	Resp:	415282
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.1	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 49.465 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010089.D

Acq: 05 Jun 2019 19:58

Tgt Ion:	180	Resp:	130580
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	142.0
145	30.5	15.6	46.7

