

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010090.D
 Acq On : 05 Jun 2019 20:22
 Operator : JC/SP
 Sample : K3190-17MSD 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 9:32:28 AM

Quant Time: Jun 06 07:30:13 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	156653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	249209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106077	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.50	113	78848	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.71	98	319197	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	118271	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102190	53.383	ug/l	100
3) Chloromethane	1.32	50	116996	45.462	ug/l	99
4) Vinyl Chloride	1.41	62	108812	46.903	ug/l	99
5) Bromomethane	1.64	94	74841	53.245	ug/l	97
6) Chloroethane	1.71	64	65619	45.948	ug/l	96
7) Trichlorofluoromethane	1.92	101	124506	48.567	ug/l	100
8) Diethyl Ether	2.19	74	54439	45.189	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74409	48.075	ug/l	99
10) Methyl Iodide	2.51	142	96733	50.428	ug/l	99
11) Tert butyl alcohol	3.06	59	133908	245.891	ug/l	100
12) 1,1-Dichloroethene	2.37	96	78317	49.365	ug/l	99
13) Acrolein	2.29	56	87545	228.749	ug/l	99
14) Allyl chloride	2.73	41	184530	47.856	ug/l	99
15) Acrylonitrile	3.14	53	313546	238.954	ug/l	100
16) Acetone	2.45	43	274073	214.364	ug/l	99
17) Carbon Disulfide	2.57	76	233712	48.662	ug/l	99
18) Methyl Acetate	2.78	43	138592	46.586	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	298475	49.833	ug/l	98
20) Methylene Chloride	2.85	84	93234	47.619	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	84300	47.756	ug/l	97
22) Diisopropyl ether	3.85	45	356088	48.536	ug/l	95
23) Vinyl Acetate	3.81	43	1625671	246.655	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172818	48.606	ug/l	100
25) 2-Butanone	4.67	43	471135	236.520	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107328	39.905	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	97555	47.876	ug/l	95
28) Bromochloromethane	5.02	49	79613	43.150	ug/l	96
29) Tetrahydrofuran	5.13	42	311759	244.066	ug/l	99
30) Chloroform	5.21	83	158613	49.466	ug/l	99
31) Cyclohexane	5.58	56	168841	50.139	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	133199	51.007	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123066	48.671	ug/l	100
37) Ethyl Acetate	4.84	43	174132	49.425	ug/l	99
38) Carbon Tetrachloride	5.78	117	112781	51.616	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146676	48.904	ug/l	98
40) Benzene	6.14	78	376041	50.134	ug/l	99
41) Methacrylonitrile	5.04	41	100714	48.921	ug/l	99
42) 1,2-Dichloroethane	6.19	62	137378	49.542	ug/l	100
43) Isopropyl Acetate	6.45	43	276520	48.642	ug/l	99
44) Trichloroethene	7.21	130	90413	49.624	ug/l	96
45) 1,2-Dichloropropane	7.51	63	106345	49.252	ug/l	96
46) Dibromomethane	7.66	93	61977	48.764	ug/l	97
47) Bromodichloromethane	7.90	83	125016	51.726	ug/l	98
48) Methyl methacrylate	7.77	41	142667	50.696	ug/l	99
49) 1,4-Dioxane	7.74	88	54978	1050.277	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	939865	254.153	ug/l	100
52) Toluene	8.78	92	234982	51.597	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	143198	49.403	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154794	49.014	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	93188	50.839	ug/l	99
56) Ethyl methacrylate	9.18	69	173741	53.241	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165958	50.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349256	204.101	ug/l	99
59) 2-Hexanone	9.49	43	726745	255.256	ug/l	99
60) Dibromochloromethane	9.58	129	95314	52.861	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96650	51.324	ug/l	100
64) Tetrachloroethene	9.34	164	80073	49.125	ug/l	99
65) Chlorobenzene	10.13	112	242580	49.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88821	52.420	ug/l	99
67) Ethyl Benzene	10.25	91	449774	51.276	ug/l	99
68) m/p-Xylenes	10.36	106	331782	102.385	ug/l	98
69) o-Xylene	10.70	106	160565	51.665	ug/l	100
70) Styrene	10.71	104	285031	52.303	ug/l	99
71) Bromoform	10.85	173	74811	54.014	ug/l	99
73) Isopropylbenzene	11.02	105	426808	49.801	ug/l	99
74) N-amyl acetate	10.90	43	251244	49.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	154024	48.173	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	135828m	48.901	ug/l	
77) Bromobenzene	11.26	156	108833	49.830	ug/l	95
78) n-propylbenzene	11.36	91	495691	50.179	ug/l	100
79) 2-Chlorotoluene	11.42	91	294164	48.739	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	364598	50.498	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52517	46.779	ug/l	99
82) 4-Chlorotoluene	11.51	91	342119	48.693	ug/l	99
83) tert-Butylbenzene	11.77	119	349443	50.589	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	365227	49.811	ug/l	100
85) sec-Butylbenzene	11.94	105	411010	50.016	ug/l	99
86) p-Isopropyltoluene	12.06	119	373380	50.515	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190399	48.966	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	190581	48.060	ug/l	99
89) n-Butylbenzene	12.38	91	333923	48.071	ug/l	99
90) Hexachloroethane	12.59	117	64433	50.796	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	190328	49.647	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35570	47.263	ug/l	94

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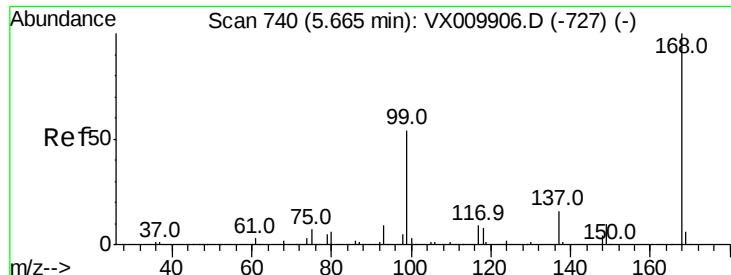
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134620	49.138	ug/l	100
94) Hexachlorobutadiene	13.78	225	59546	43.334	ug/l	100
95) Naphthalene	13.83	128	431903	50.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134265	48.961	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion:168 Resp: 156653

Ion Ratio Lower Upper

168 100

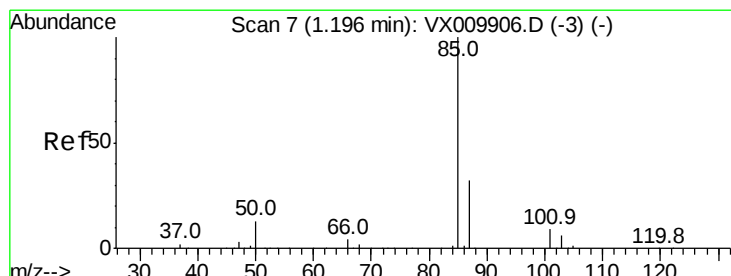
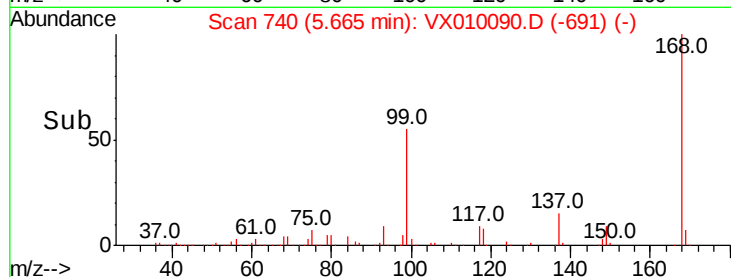
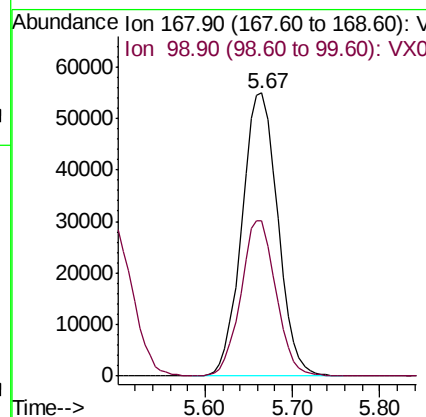
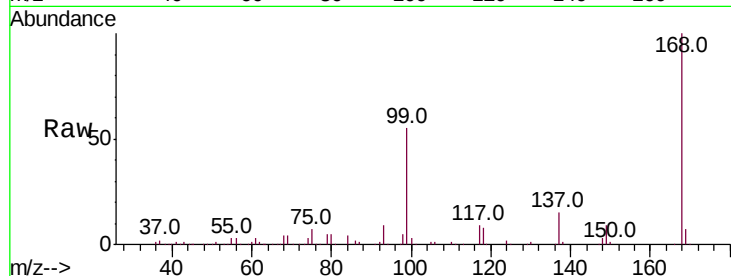
99 54.7 43.0 64.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 53.383 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010090.D

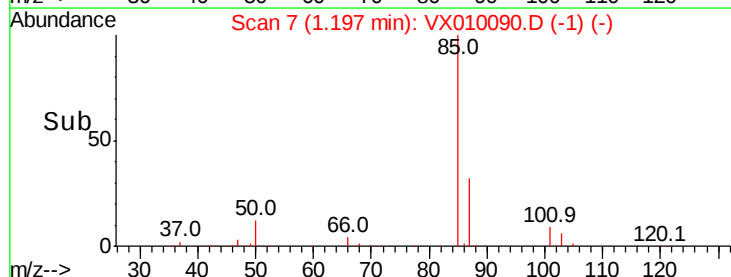
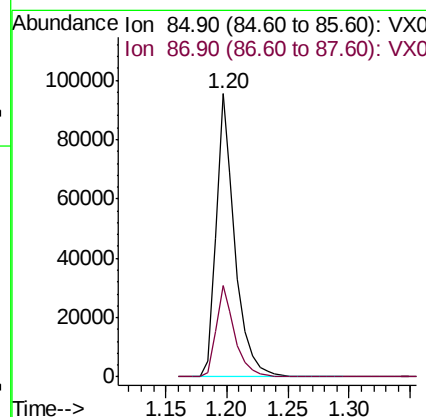
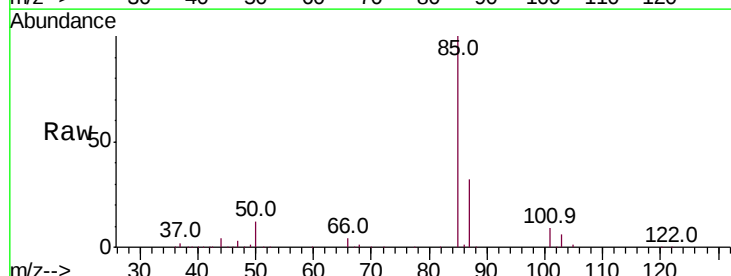
Acq: 05 Jun 2019 20:22

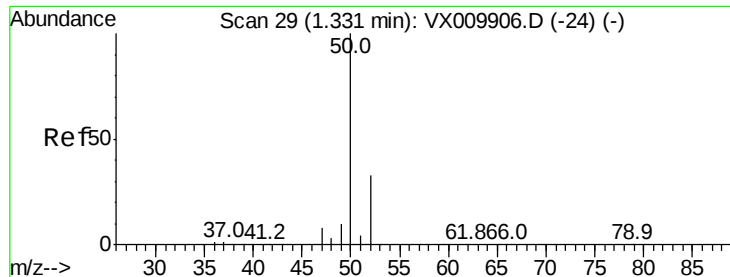
Tgt Ion: 85 Resp: 102190

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2





#3

Chloromethane

Concen: 45.462 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 50 Resp: 116996

Ion Ratio Lower Upper

50 100

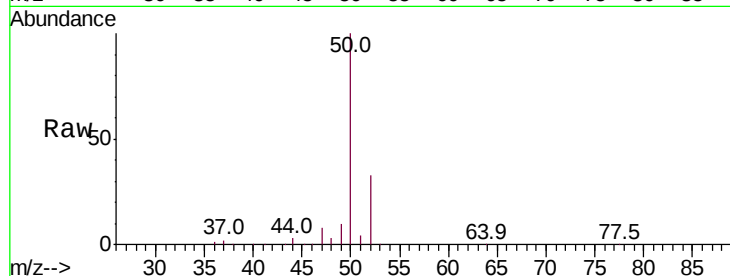
52 32.9 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

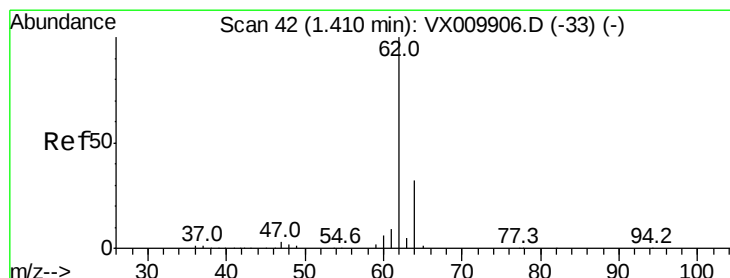
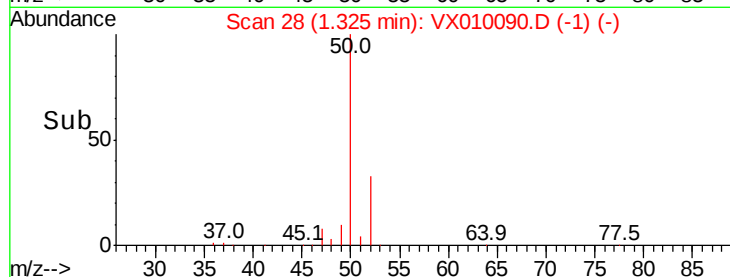
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 46.903 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010090.D

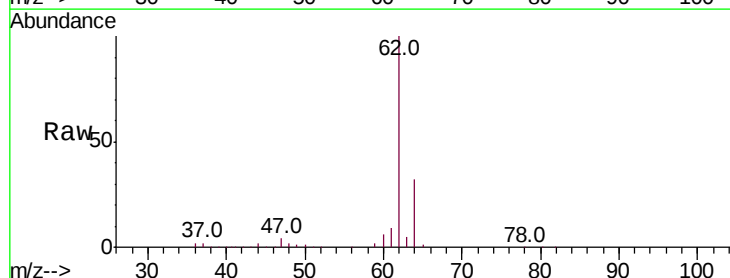
Acq: 05 Jun 2019 20:22

Tgt Ion: 62 Resp: 108812

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

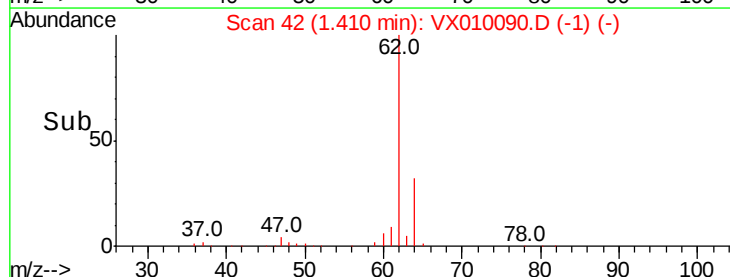
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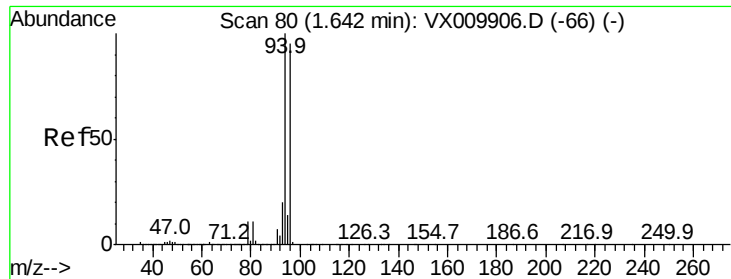
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 53.245 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

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BPS1-TT-MW304S-30190604MSD

Tot Ion: 94 Resp: 74841

Ion Ratio Lower Upper

94 100

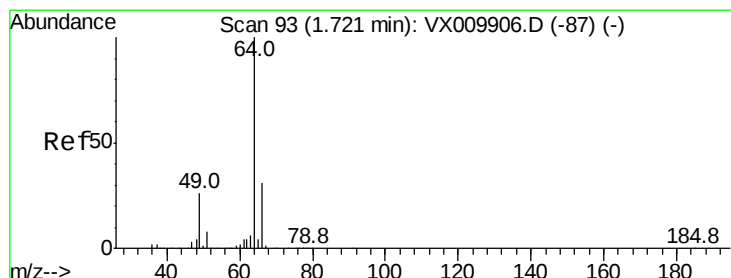
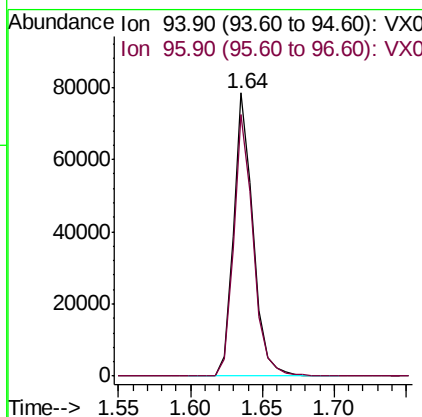
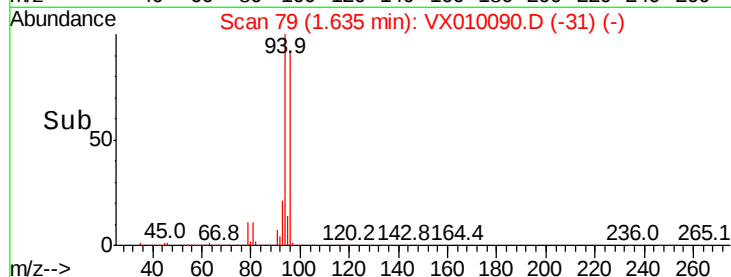
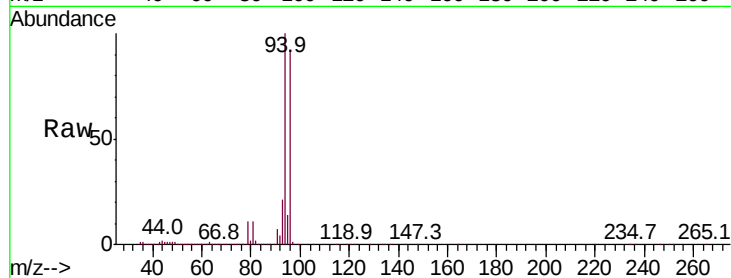
96 92.5 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 45.948 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010090.D

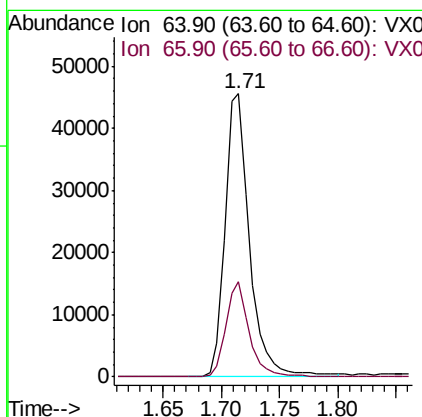
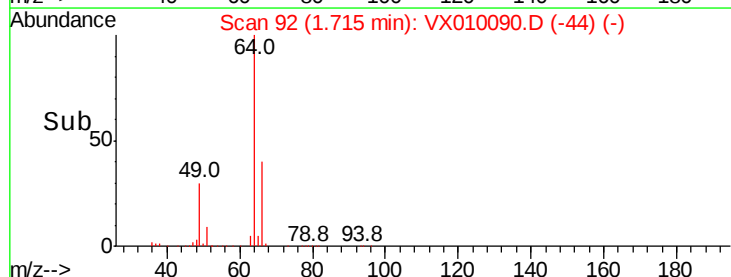
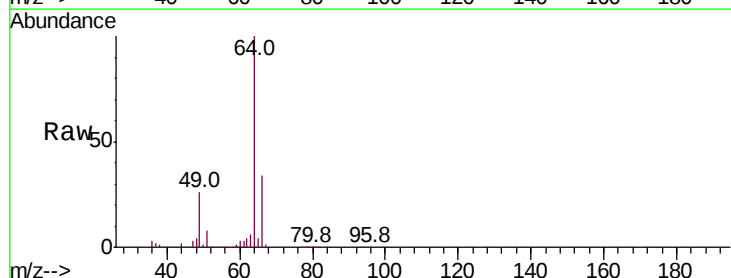
Acq: 05 Jun 2019 20:22

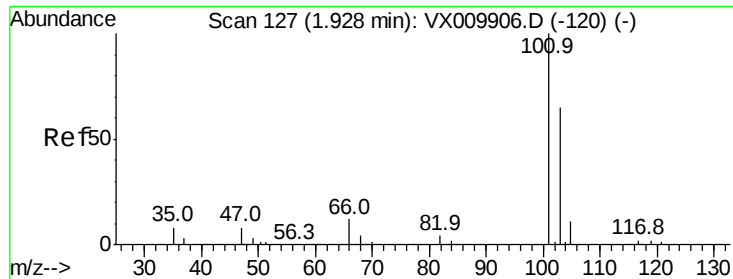
Tgt Ion: 64 Resp: 65619

Ion Ratio Lower Upper

64 100

66 33.6 25.1 37.7





#7

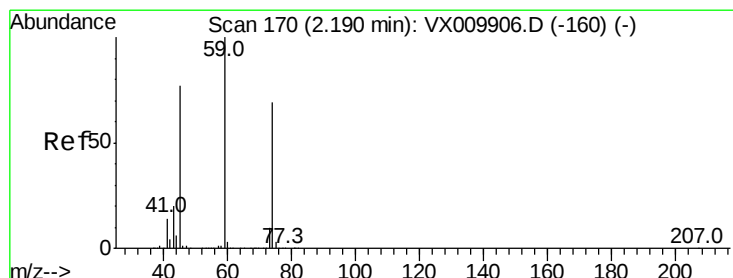
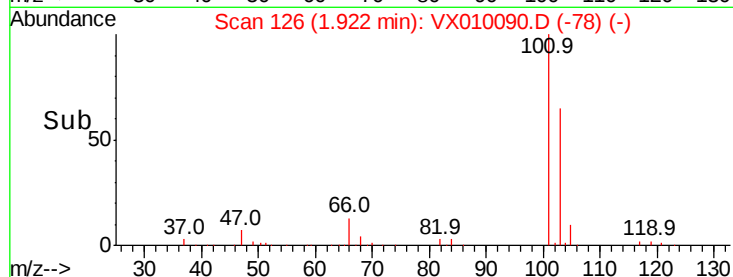
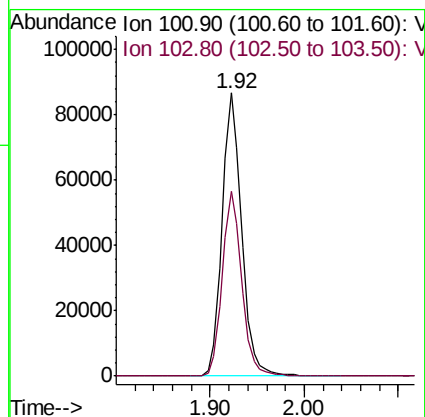
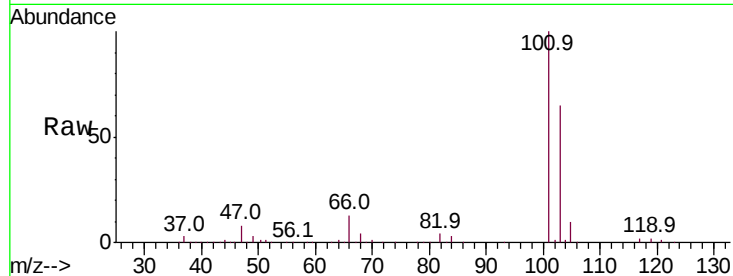
Trichlorofluoromethane
 Concen: 48.567 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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Tot Ion:101 Resp: 124506
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.4

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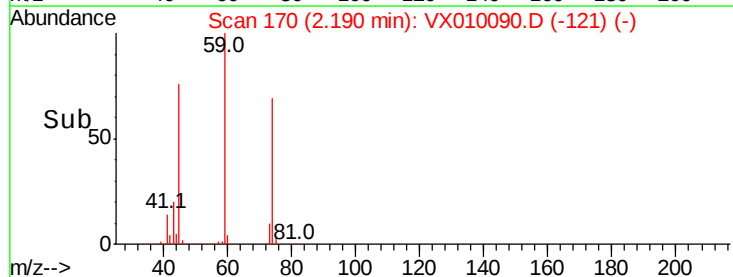
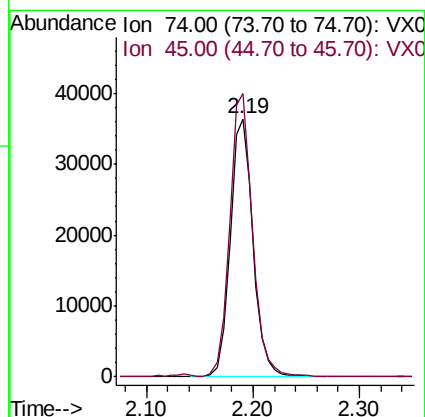
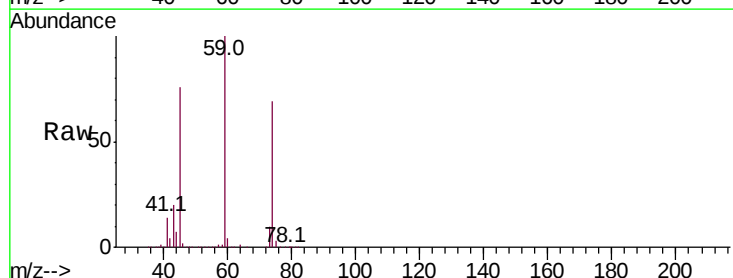
MMDadoda
 6/6/2019 9:32:28 AM

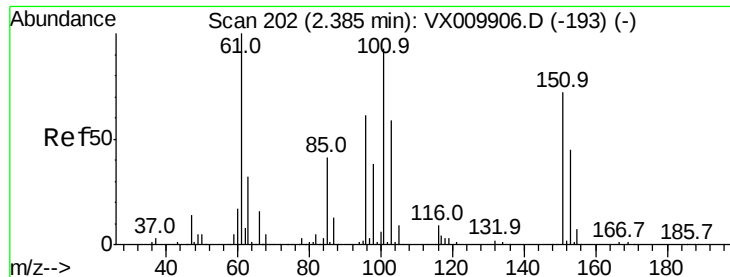


#8

Diethyl Ether
 Concen: 45.189 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion: 74 Resp: 54439
 Ion Ratio Lower Upper
 74 100
 45 108.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.075 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

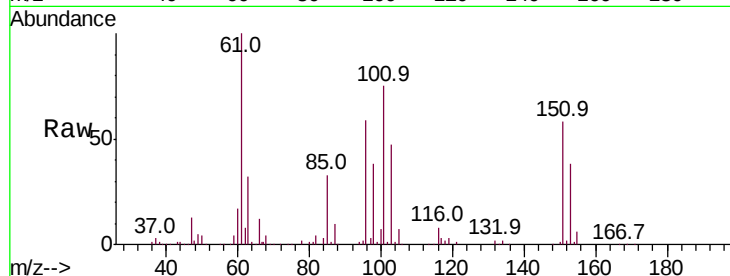
ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion:	101	Resp:	74409
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.2	52.8
151	78.7	61.9	92.9

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6/6/2019 9:32:28 AM

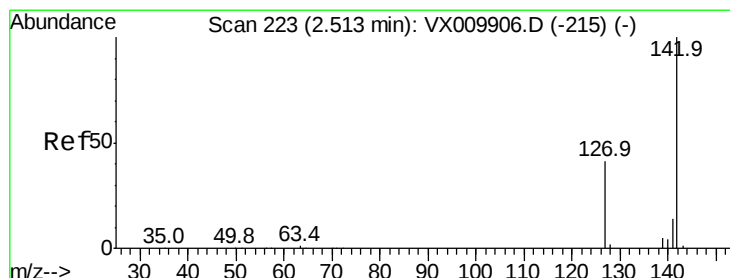
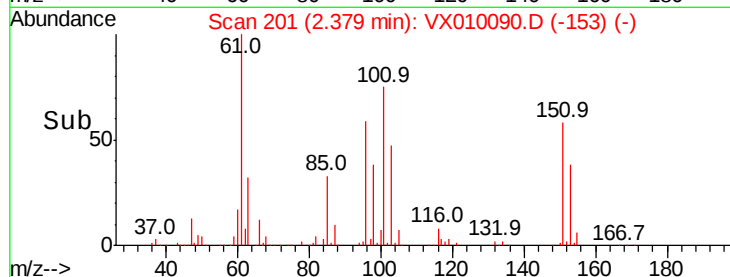
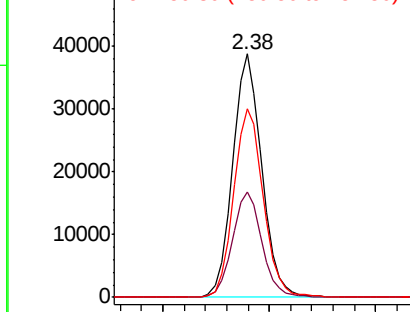


Abundance

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: 50.428 ug/l

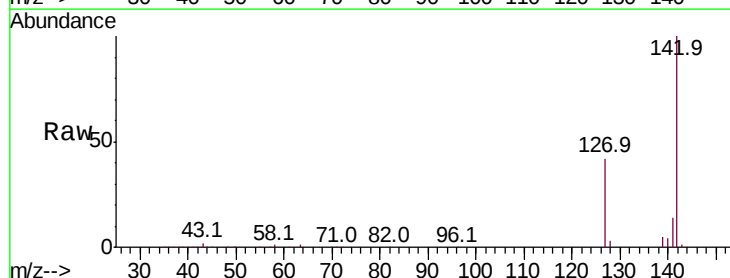
RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tgt Ion:	142	Resp:	96733
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.0	49.4
141	14.3	11.4	17.0

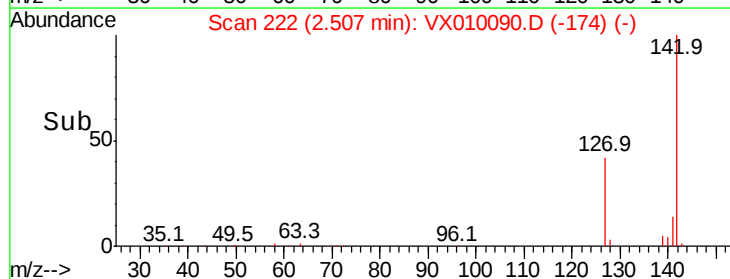
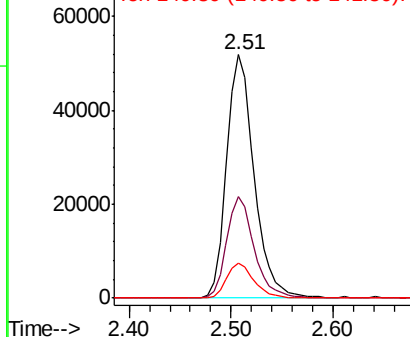


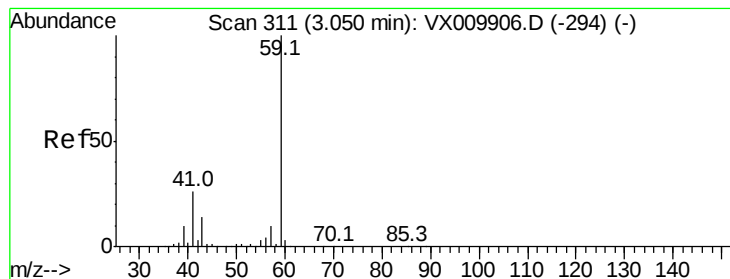
Abundance

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

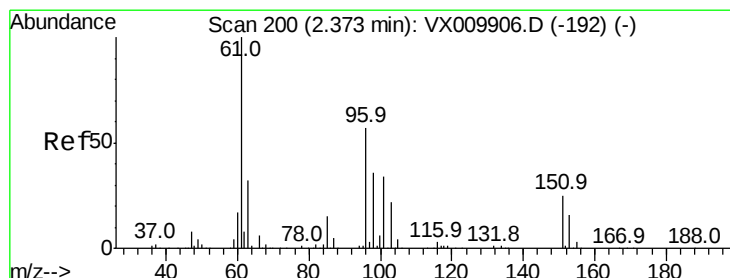
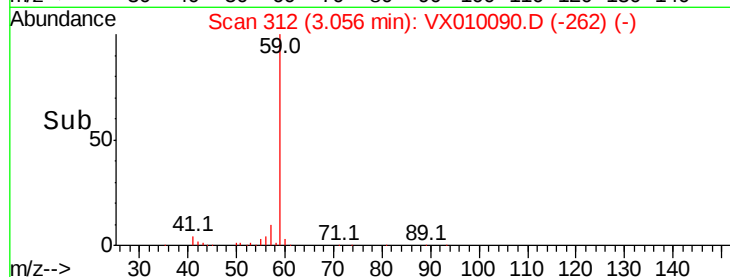
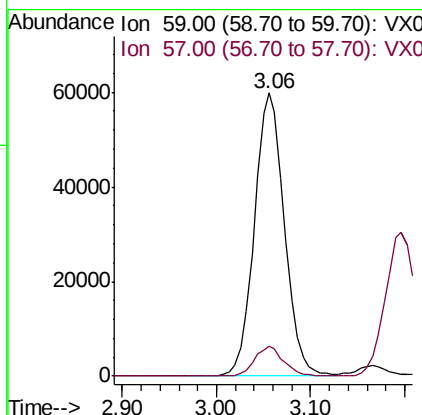
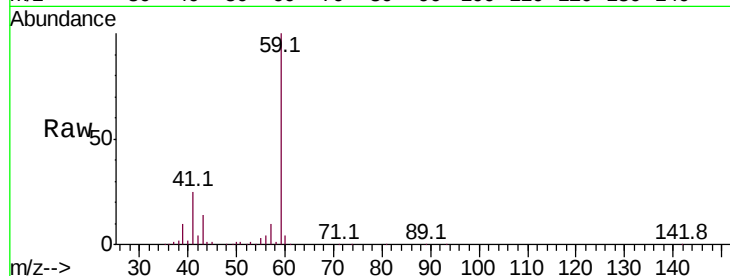
Tert butyl alcohol
 Concen: 245.891 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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

Tot Ion	59	57	Ratio	100	10.2	Resp	133908	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.2	Resp	133908	Lower	8.2	Upper	12.2

Manual Integrations
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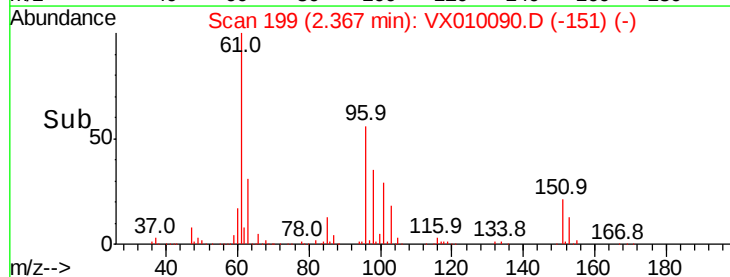
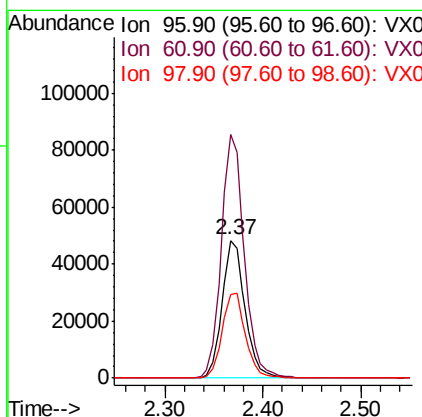
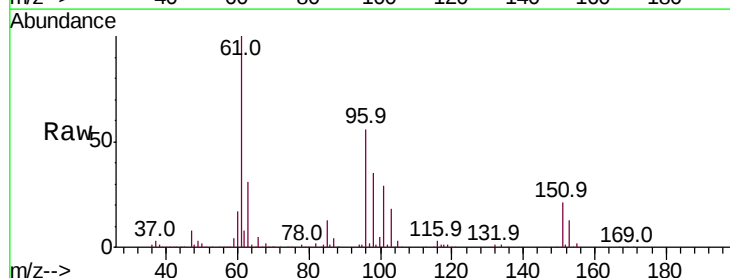
MMDadoda
 6/6/2019 9:32:28 AM

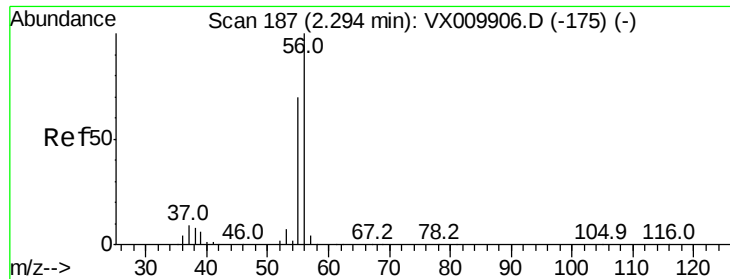


#12

1,1-Dichloroethene
 Concen: 49.365 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion	96	61	98	Ratio	100	177.2	61.2	Resp	78317	Lower	140.7	Upper	211.1	75.1
Ion	96	61	98	Ratio	100	177.2	61.2	Resp	78317	Lower	140.7	Upper	211.1	75.1





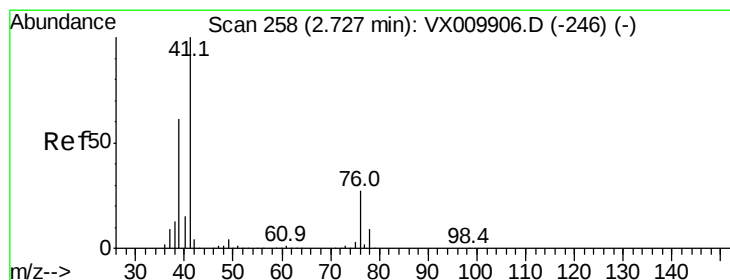
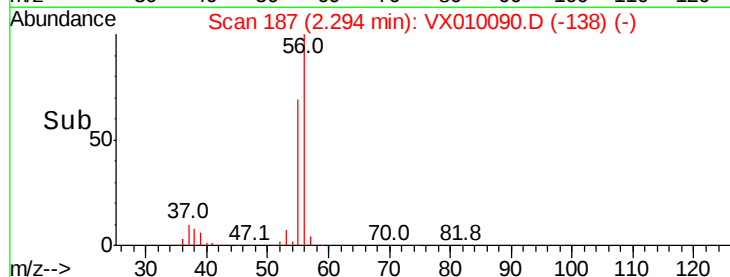
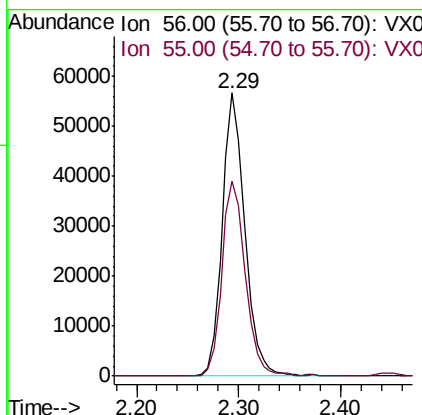
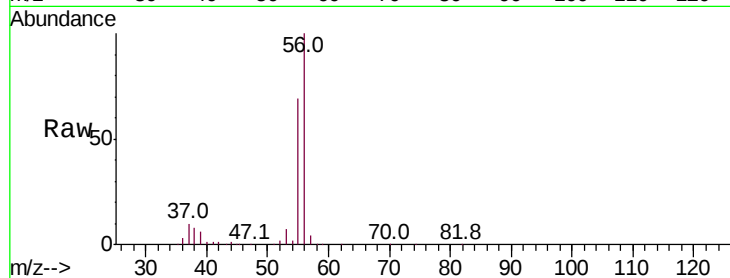
#13
Acrolein
Concen: 228.749 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	56	Resp	87545
Ion Ratio	100	Lower	Upper
55	70.4	57.0	85.4

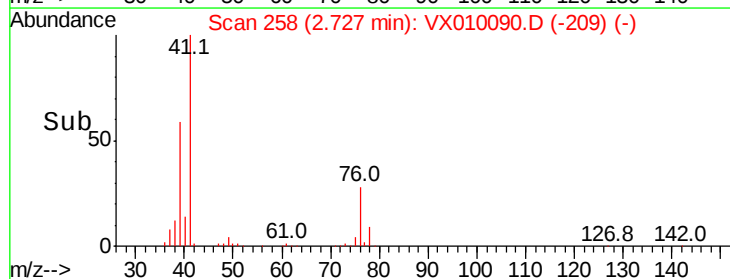
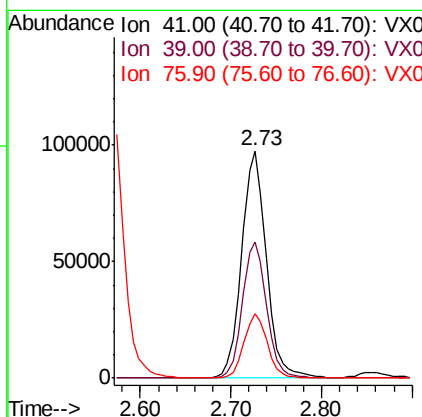
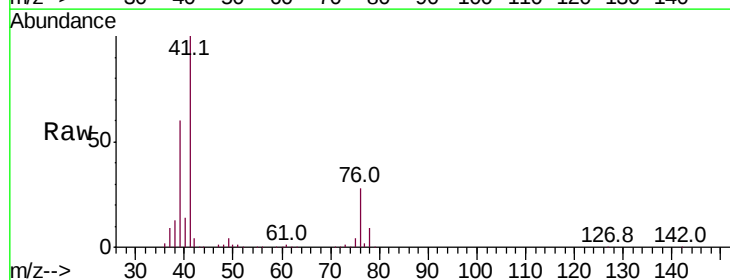
Manual Integrations
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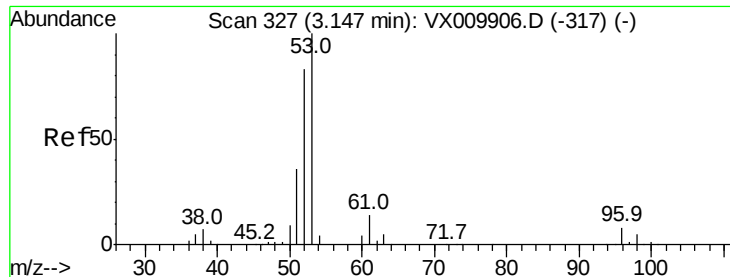
MMDadoda
6/6/2019 9:32:28 AM



#14
Allyl chloride
Concen: 47.856 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	41	Resp	184530
Ion Ratio	100	Lower	Upper
39	58.9	46.7	70.1
76	26.5	21.0	31.4





#15

Acrylonitrile

Concen: 238.954 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

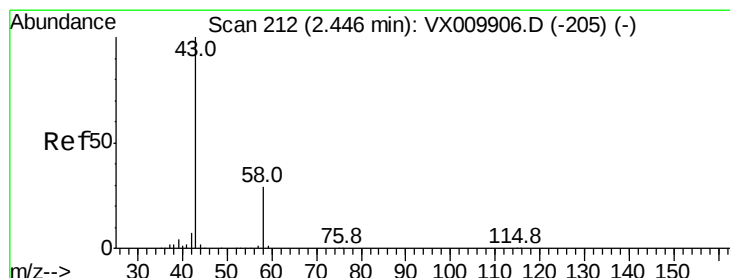
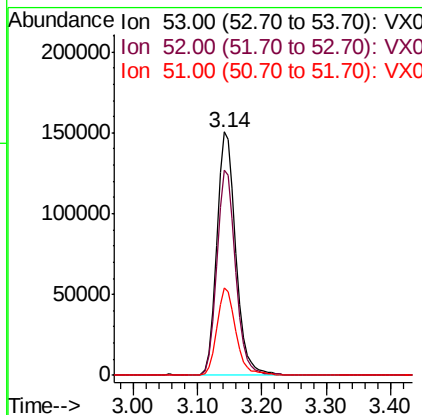
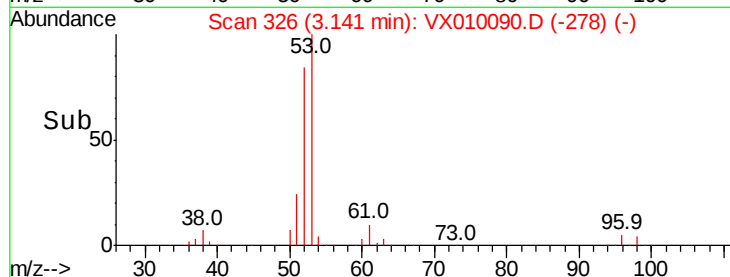
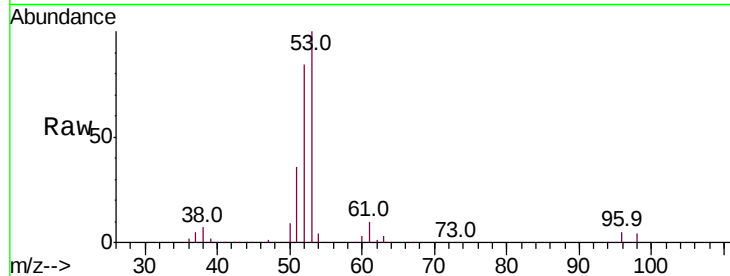
ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion:	53	Resp:	313546
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	35.8	28.8	43.2

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#16

Acetone

Concen: 214.364 ug/l

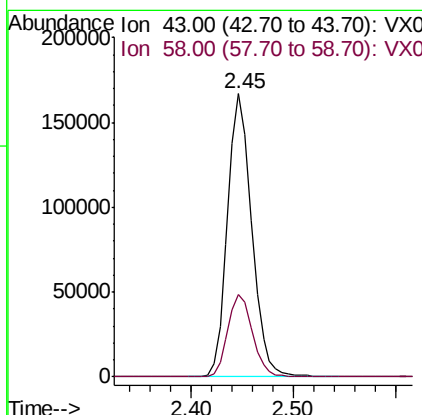
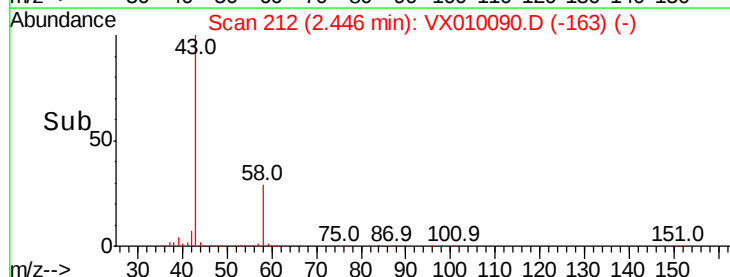
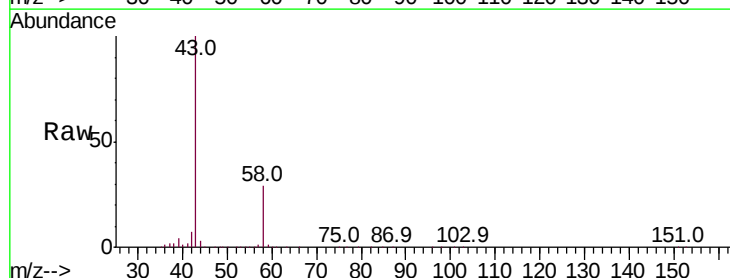
RT: 2.45 min Scan# 212

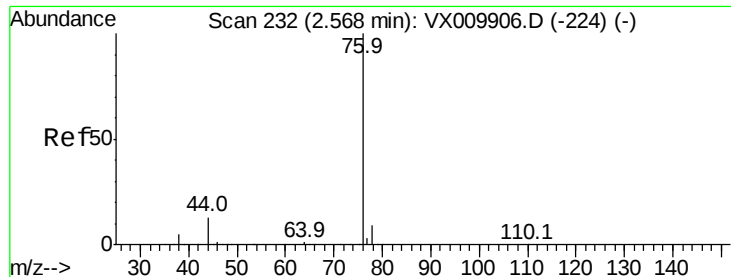
Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tgt Ion:	43	Resp:	274073
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.2	34.8





#17

Carbon Disulfide

Concen: 48.662 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 76 Resp: 233712

Ion Ratio Lower Upper

76 100

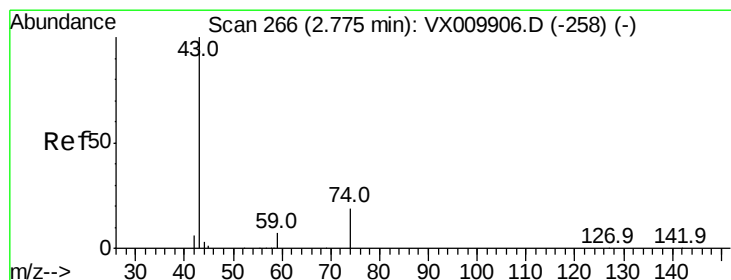
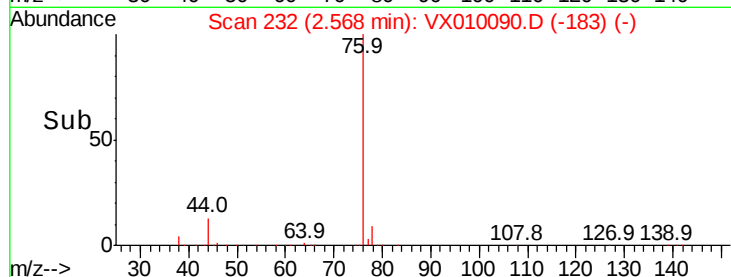
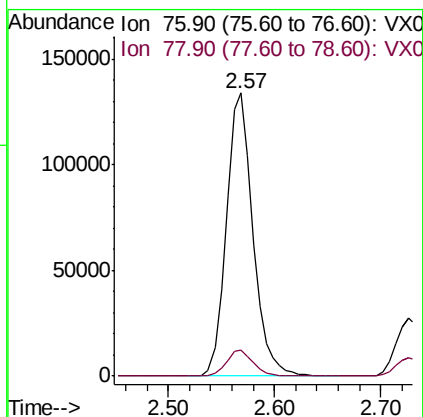
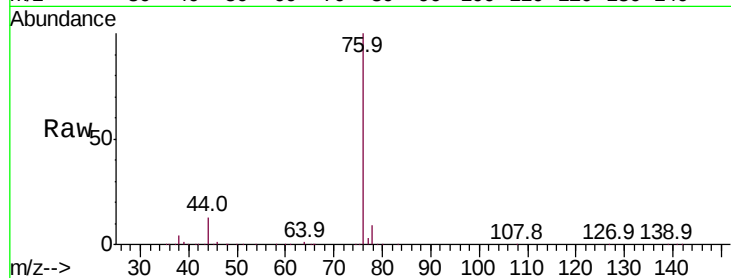
78 9.3 7.0 10.6

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#18

Methyl Acetate

Concen: 46.586 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010090.D

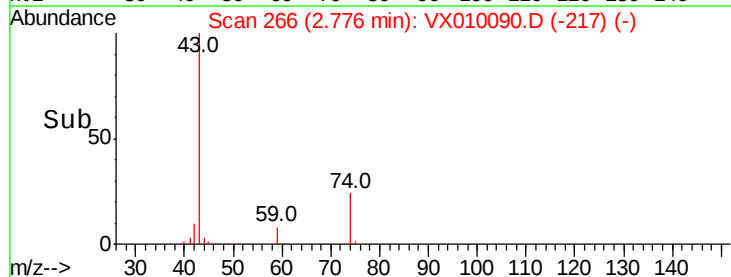
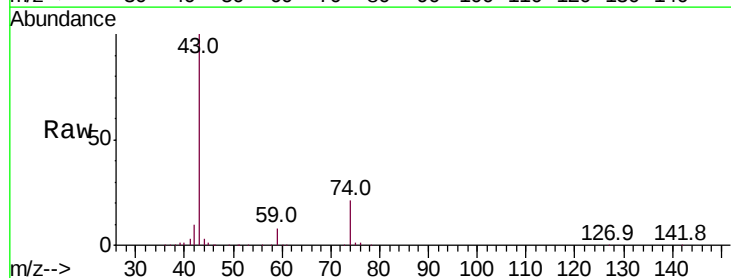
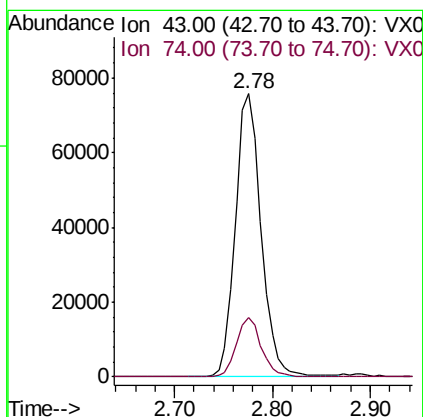
Acq: 05 Jun 2019 20:22

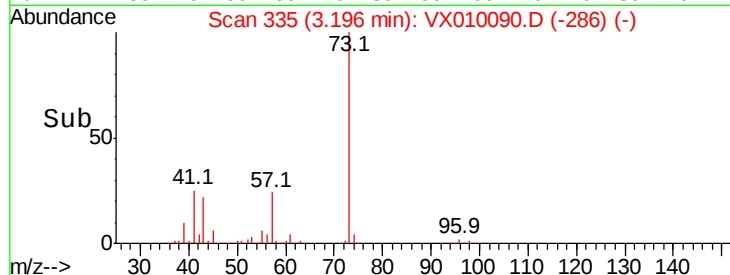
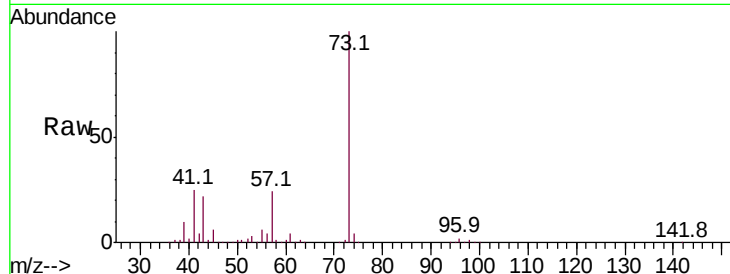
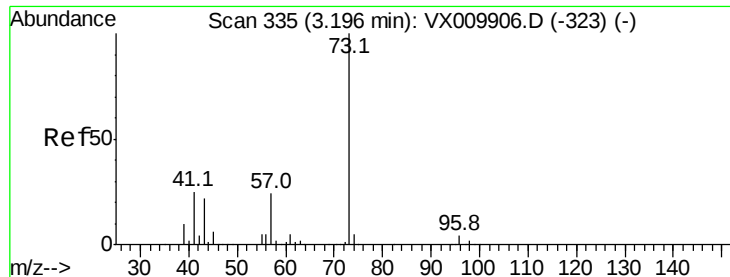
Tgt Ion: 43 Resp: 138592

Ion Ratio Lower Upper

43 100

74 20.7 15.8 23.6





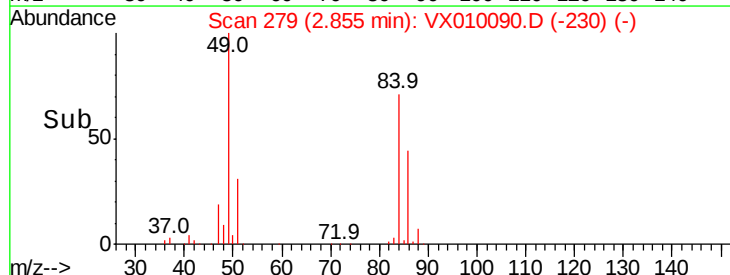
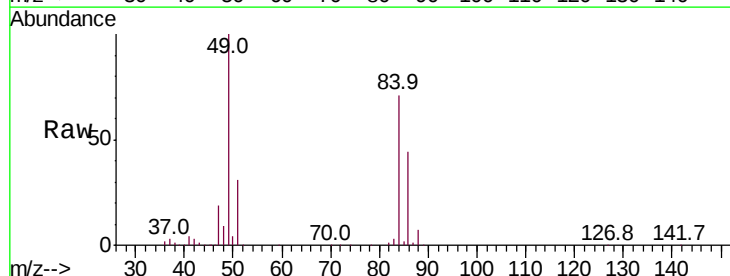
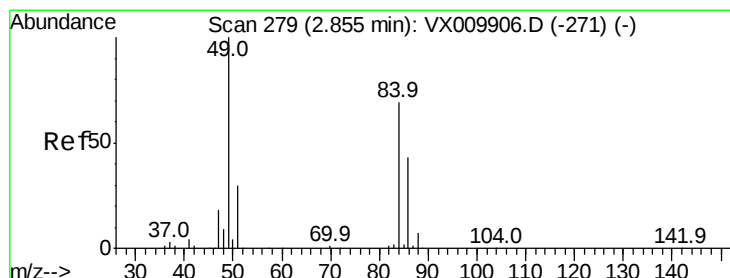
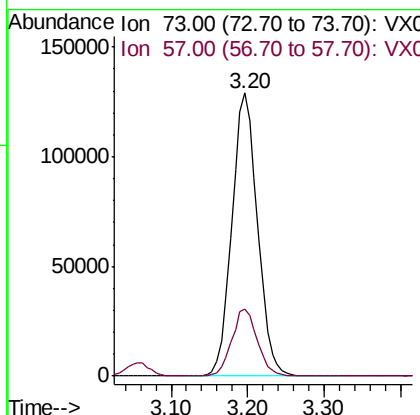
#19
Methyl tert-butyl Ether
Concen: 49.833 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.4	29.2

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

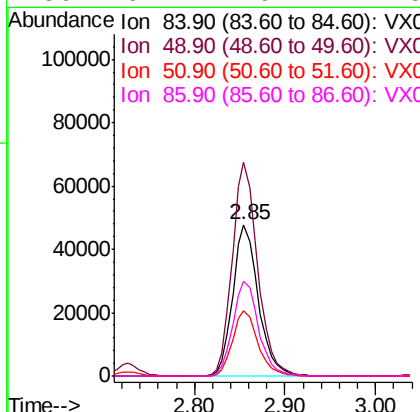
Manual Integrations
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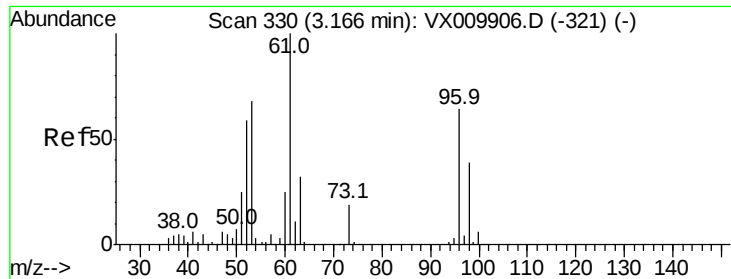
MMDadoda
6/6/2019 9:32:28 AM



#20
Methylene Chloride
Concen: 47.619 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.1	115.8	173.6
51	43.0	34.4	51.6
86	62.7	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 47.756 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 96 Resp: 84300

Ion Ratio Lower Upper

96 100

61 153.3 125.7 188.5

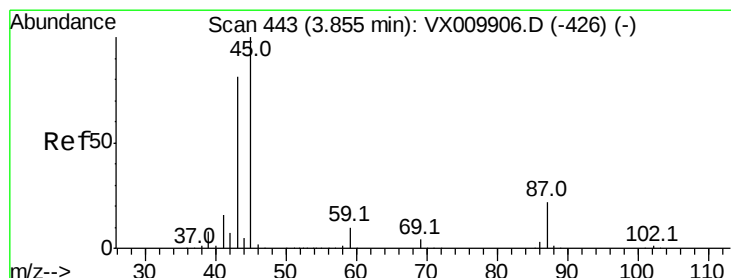
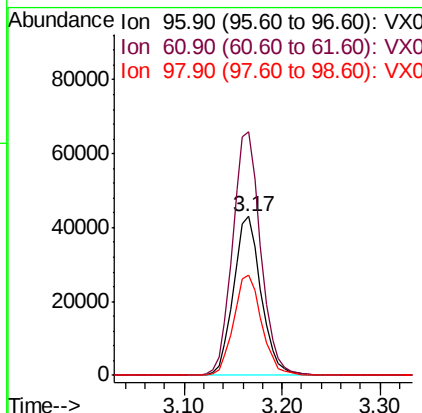
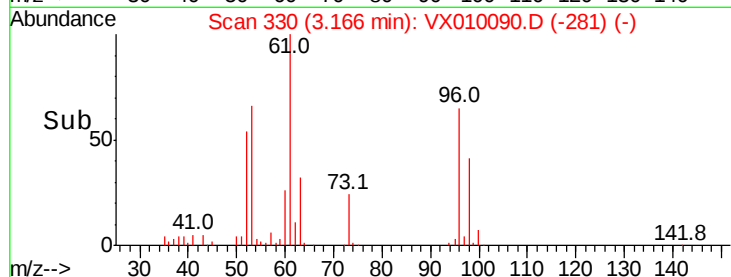
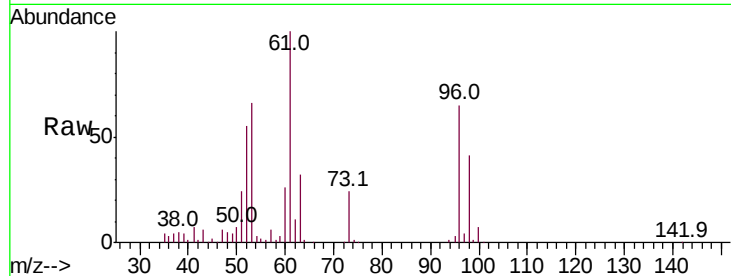
98 63.4 49.0 73.6

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#22

Diisopropyl ether

Concen: 48.536 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tgt Ion: 45 Resp: 356088

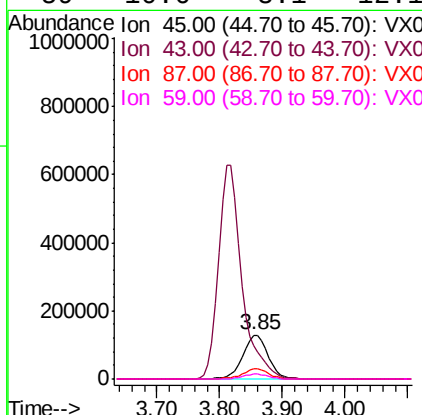
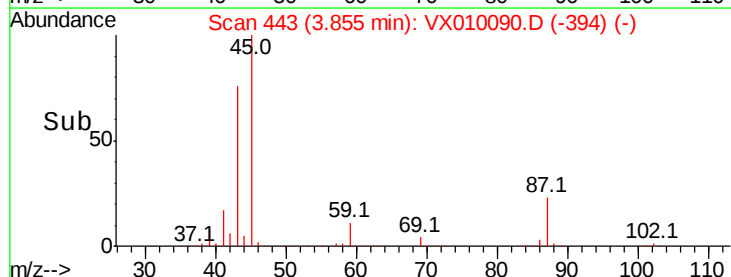
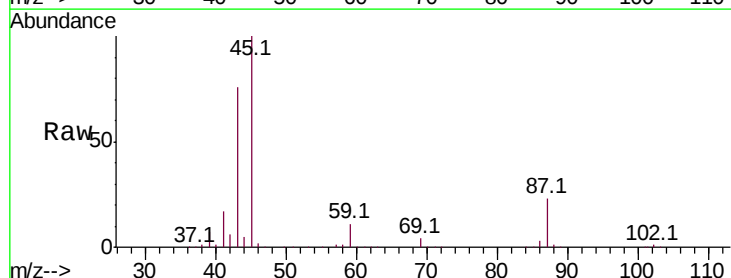
Ion Ratio Lower Upper

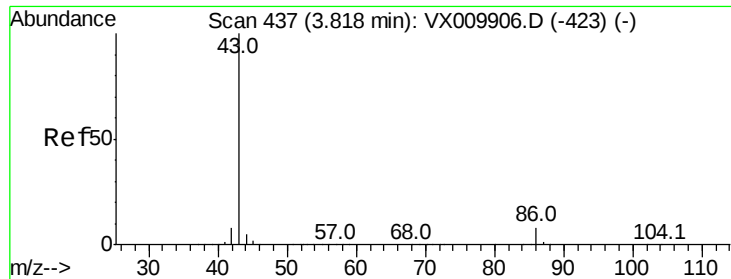
45 100

43 76.2 65.0 97.4

87 23.2 17.3 25.9

59 10.6 8.1 12.1





#23

Vinyl Acetate

Concen: 246.655 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 43 Resp: 1625671

Ion Ratio Lower Upper

43 100

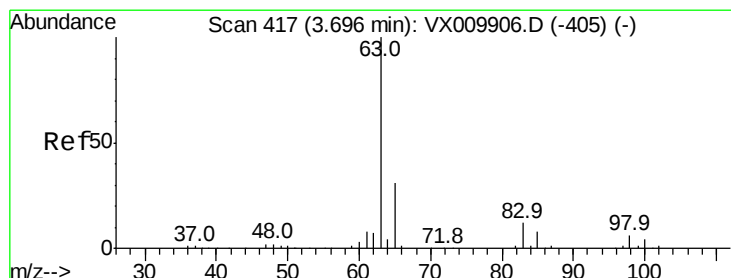
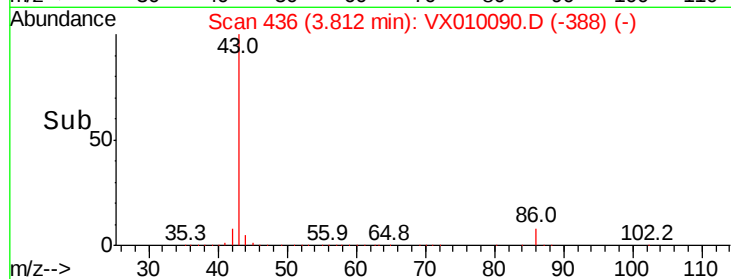
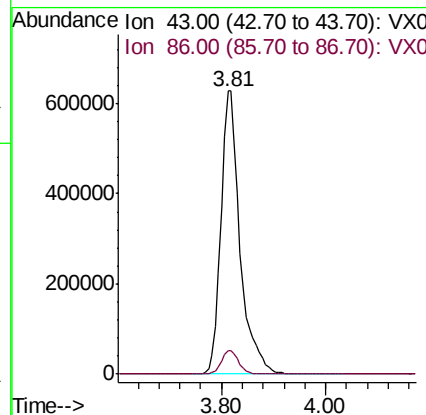
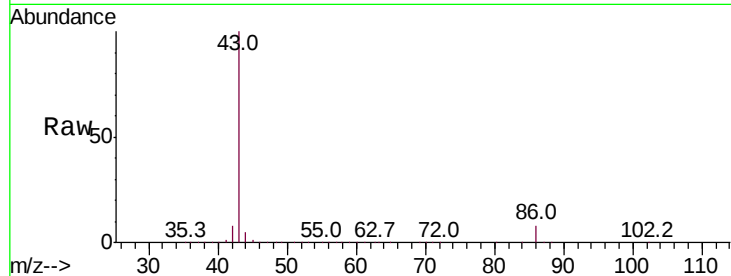
86 8.3 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.606 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

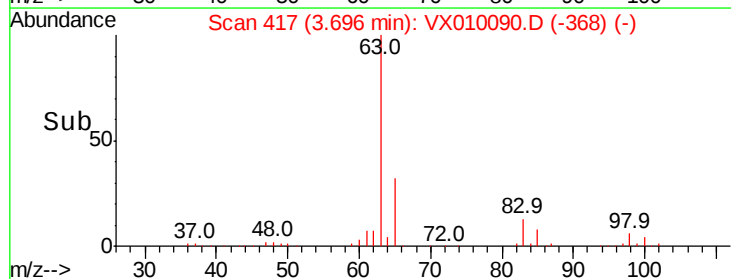
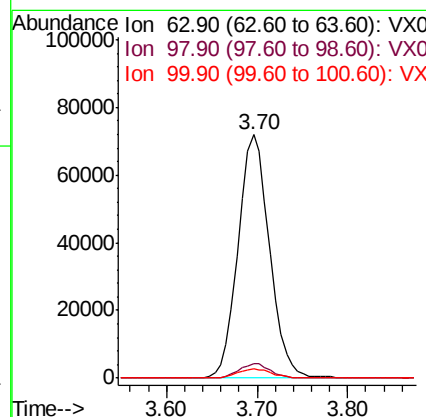
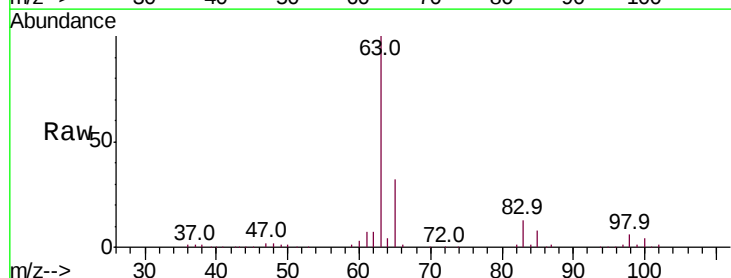
Tgt Ion: 63 Resp: 172818

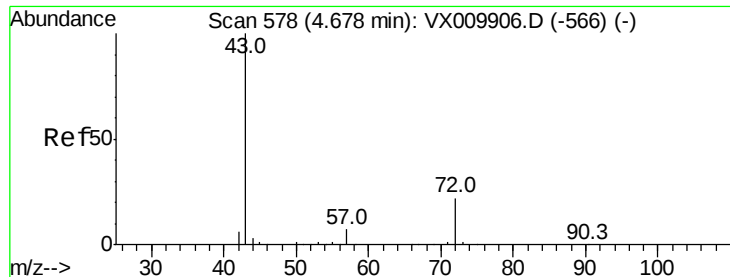
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.8 1.8 5.4





#25

2-Butanone

Concen: 236.520 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 43 Resp: 471135

Ion Ratio Lower Upper

43 100

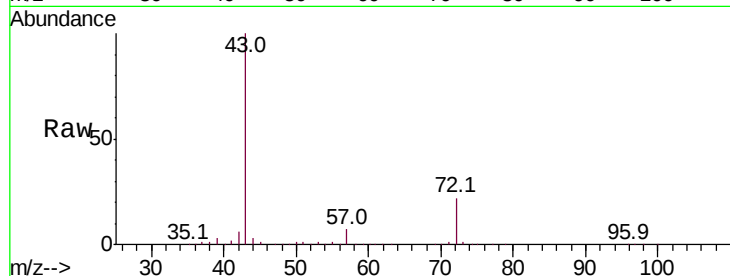
72 22.0 17.5 26.3

Manual Integrations

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6/6/2019 9:32:28 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

100000

50000

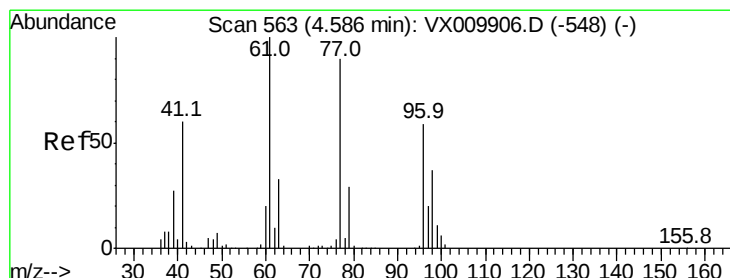
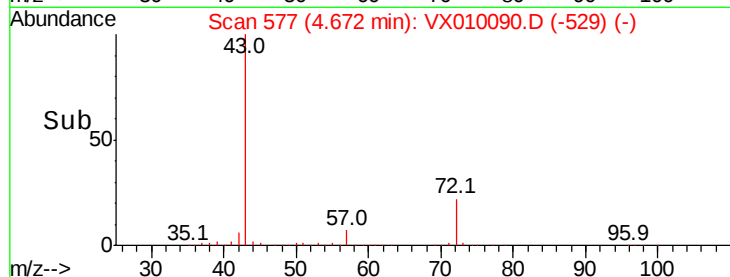
0

Time-->

4.60

4.70

4.80



#26

2,2-Dichloropropane

Concen: 39.905 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX010090.D

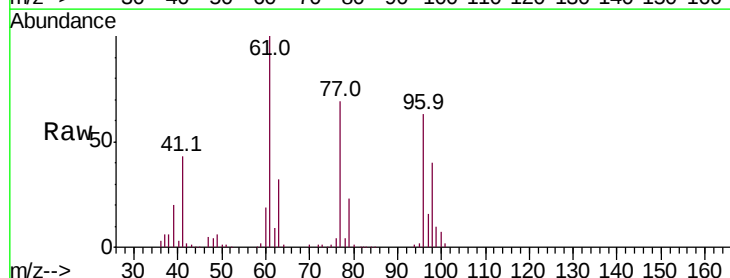
Acq: 05 Jun 2019 20:22

Tgt Ion: 77 Resp: 107328

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

20000

10000

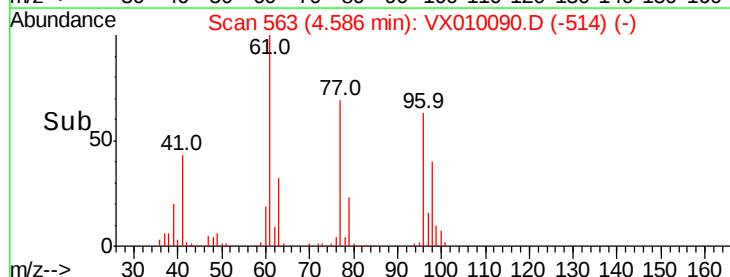
0

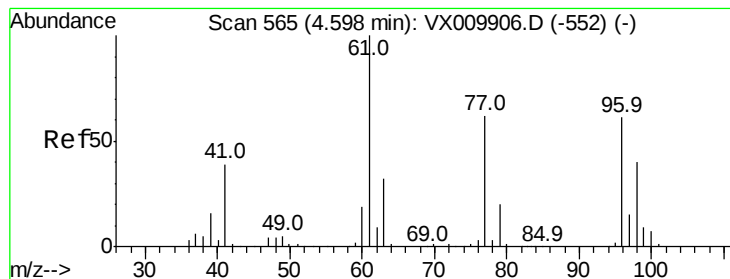
Time-->

4.50

4.60

4.70





#27

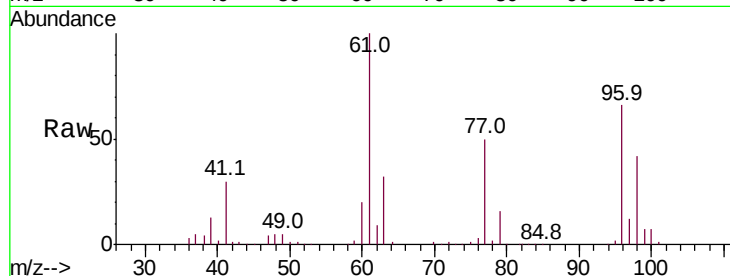
cis-1,2-Dichloroethene
Concen: 47.876 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

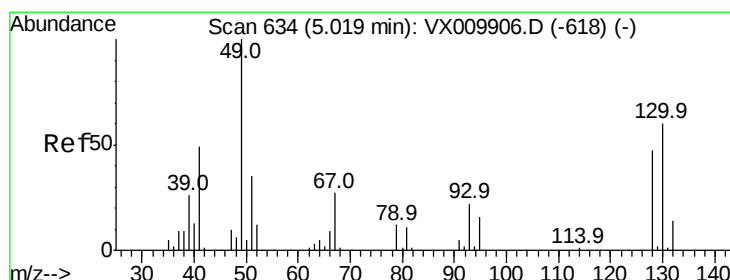
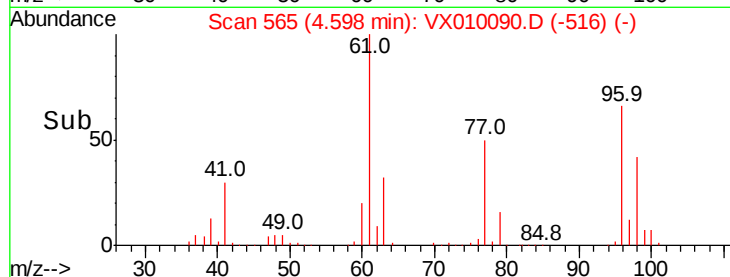
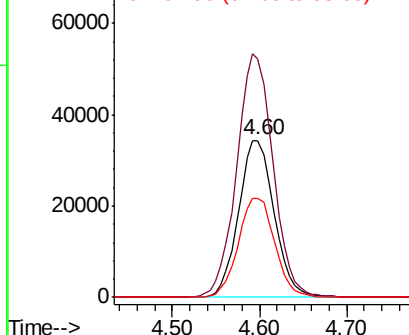
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.6	0.0	334.0	
98	64.7	0.0	131.6	

Manual Integrations
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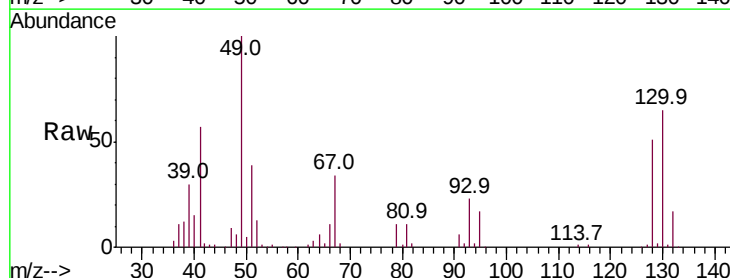
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



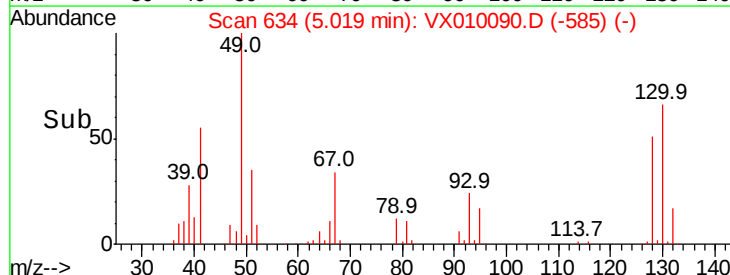
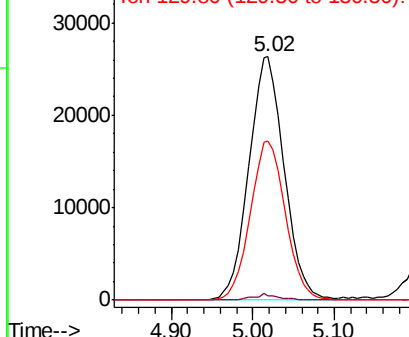
#28

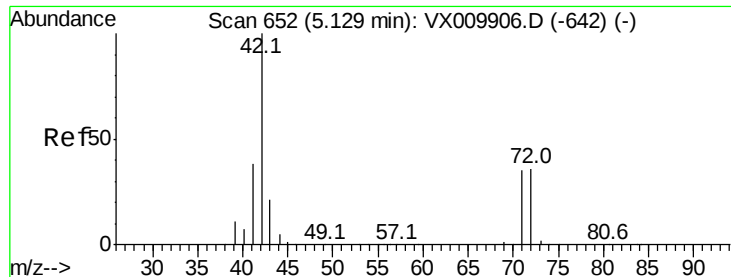
Bromochloromethane
Concen: 43.150 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.4	
130	64.9	49.4	74.2	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





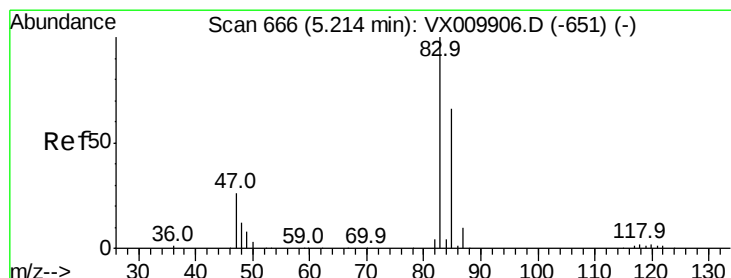
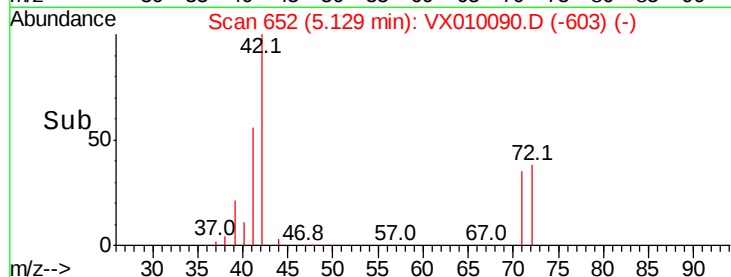
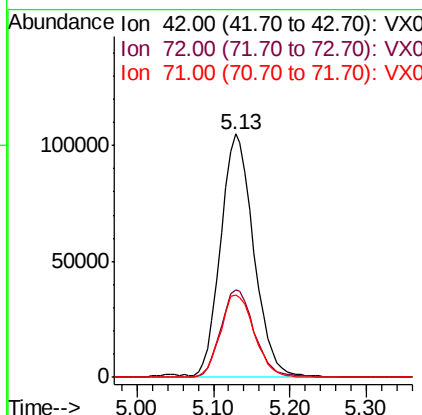
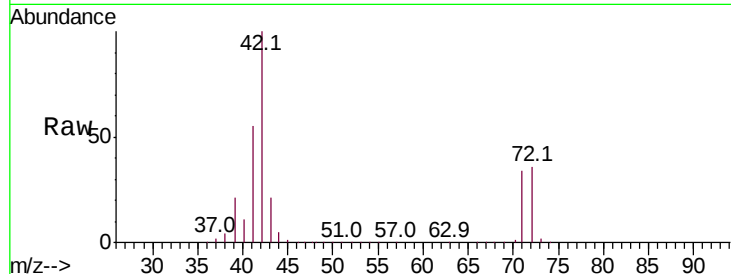
#29
Tetrahydrofuran
Concen: 244.066 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	29.2	43.8
71	35.1	27.6	41.4

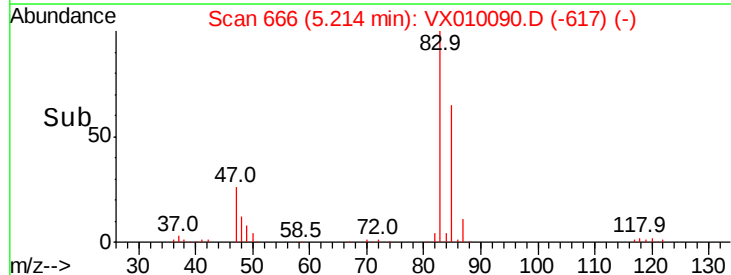
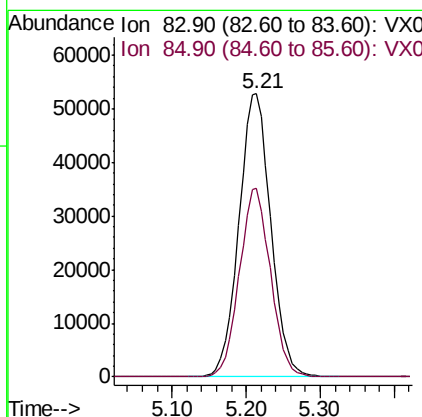
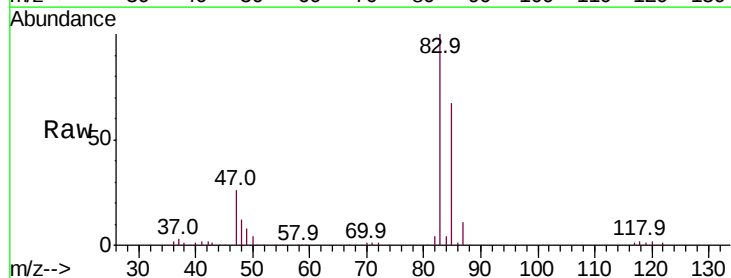
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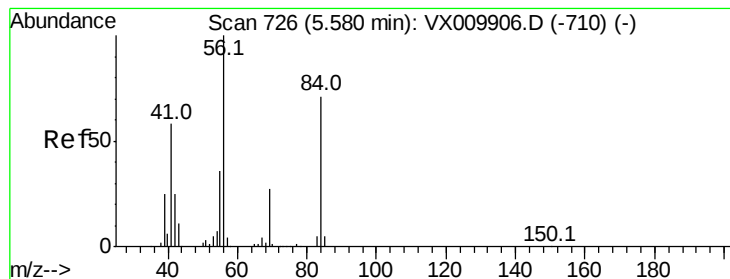
MMDadoda
6/6/2019 9:32:28 AM



#30
Chloroform
Concen: 49.466 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.6	78.8





#31

Cyclohexane

Concen: 50.139 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

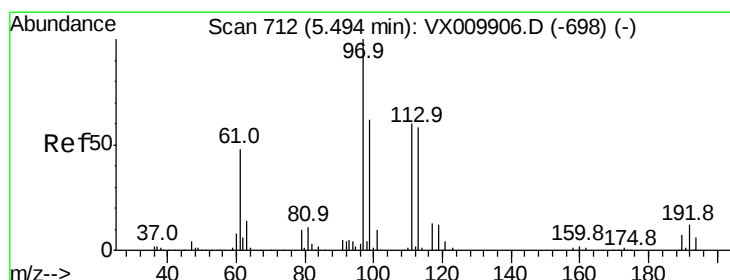
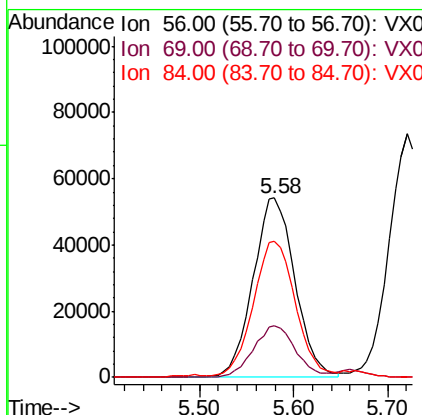
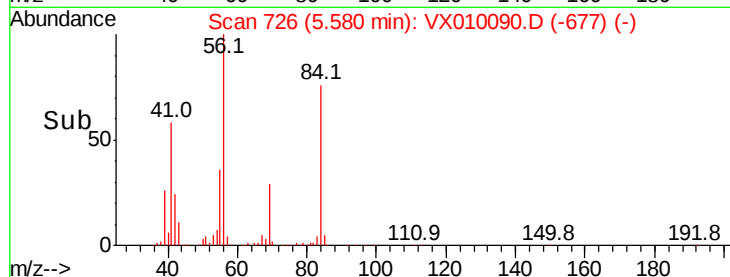
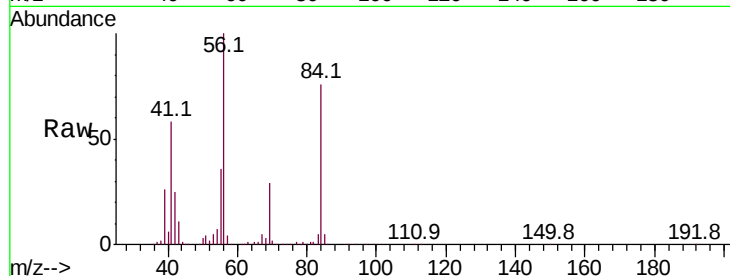
ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion:	56	Resp:	168841
Ion Ratio	Lower	Upper	
56	100		
69	29.1	21.6	32.4
84	74.5	56.8	85.2

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#32

1,1,1-Trichloroethane

Concen: 51.007 ug/l

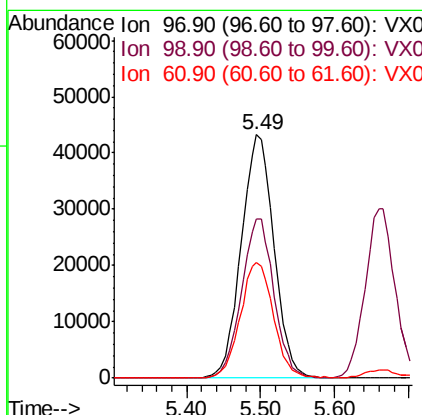
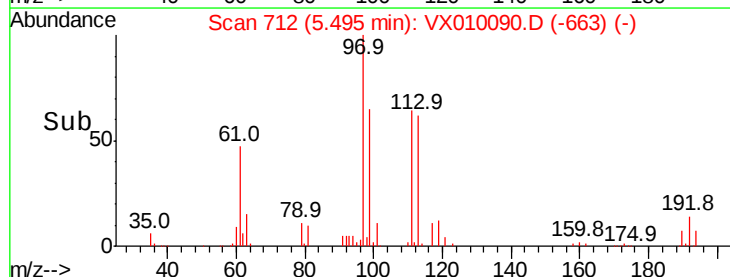
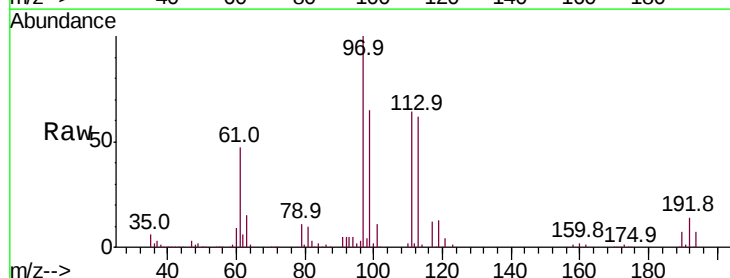
RT: 5.49 min Scan# 712

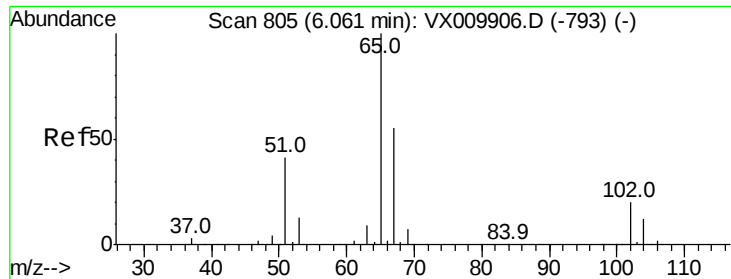
Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tgt Ion:	97	Resp:	133199
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.4
61	48.1	38.7	58.1





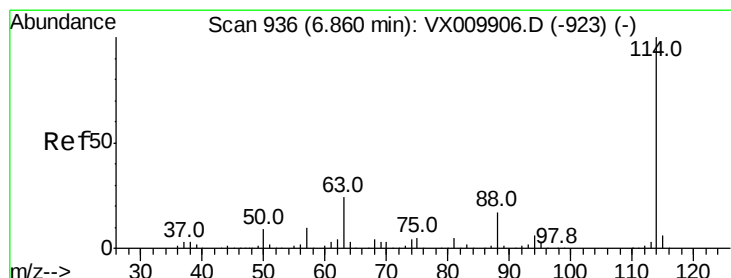
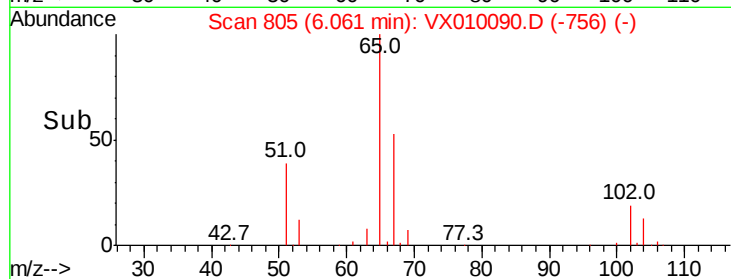
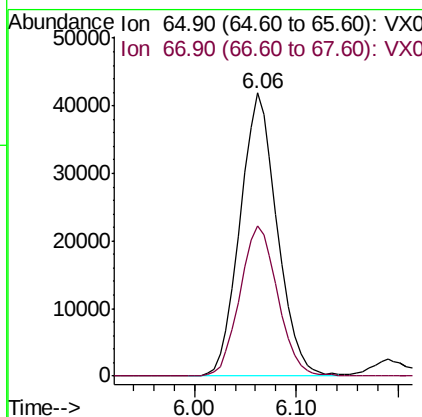
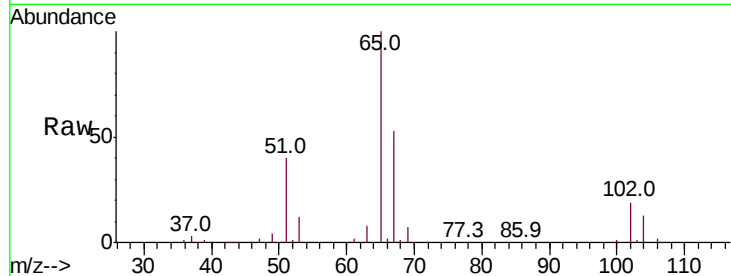
#33
 1,2-Dichloroethane-d4
 Concen: 47.937 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106077		
67	54.1	0.0	108.4	

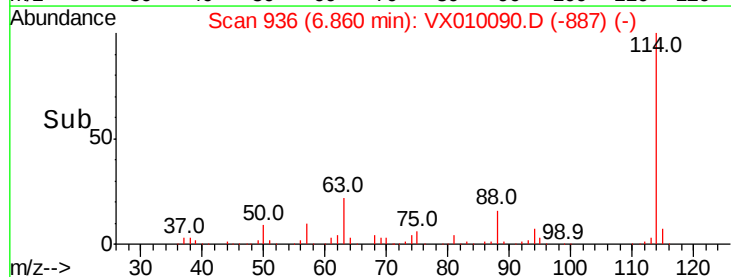
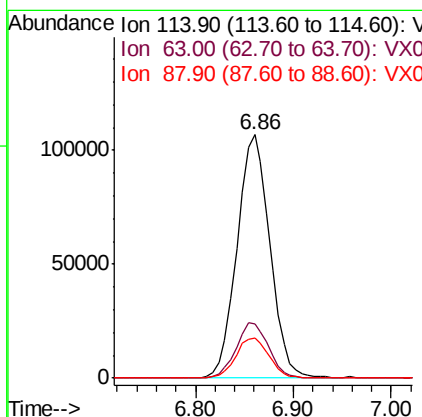
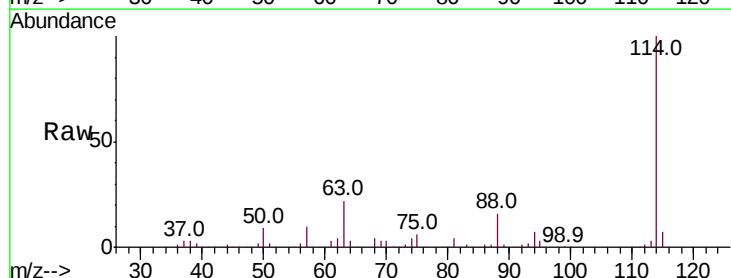
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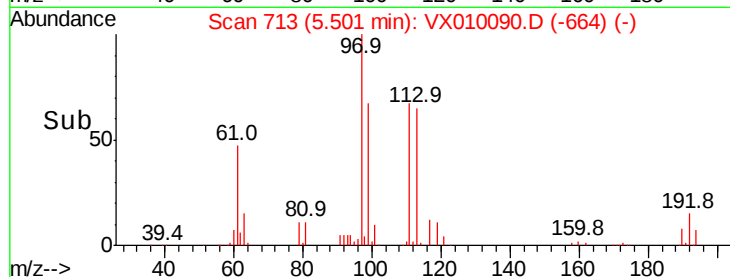
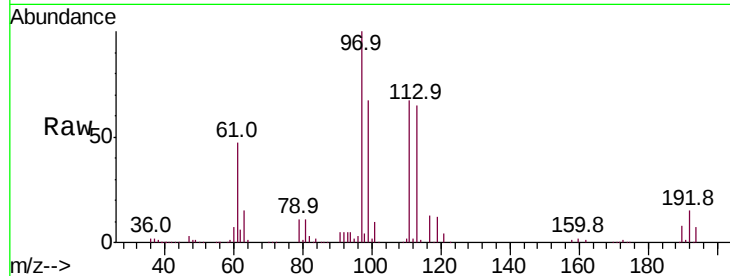
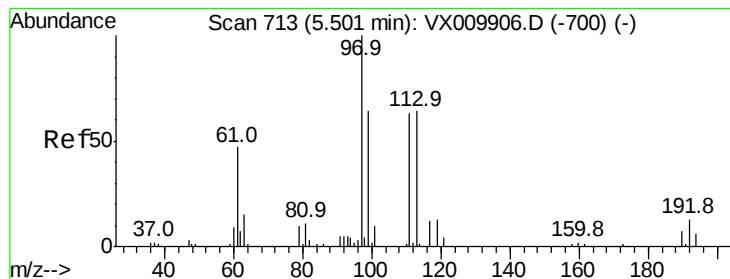
MMDadoda
 6/6/2019 9:32:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	249209		
63	22.0	0.0	47.4	
88	16.4	0.0	33.0	





#35

Dibromofluoromethane

Concen: 50.325 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tot Ion:	113	Resp:	78848
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.2	123.2
192	22.5	17.1	25.7

Instrument :

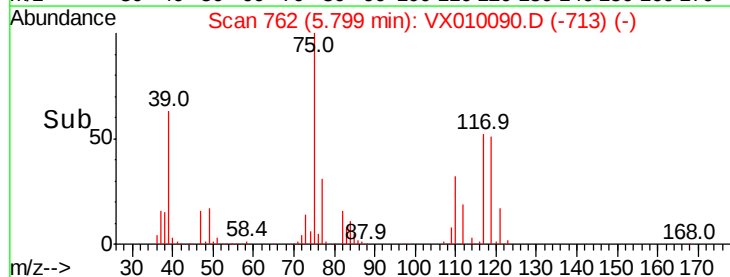
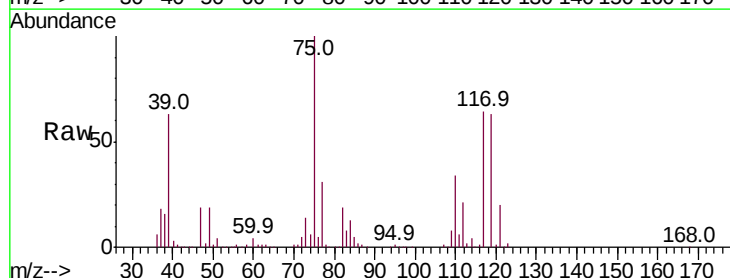
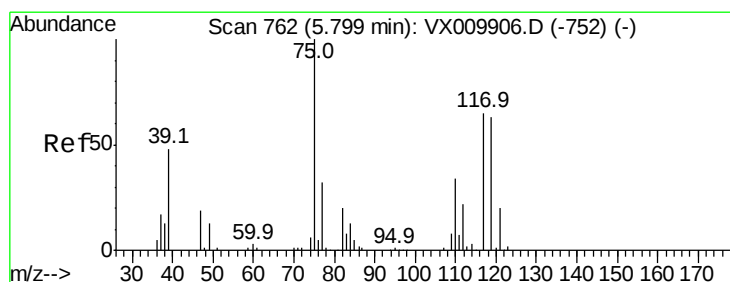
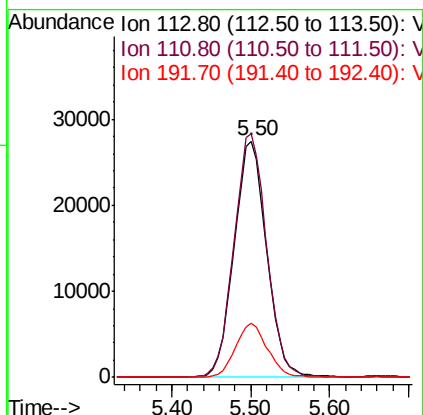
MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Manual Integrations
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6/6/2019 9:32:28 AM



#36

1,1-Dichloropropene

Concen: 48.671 ug/l

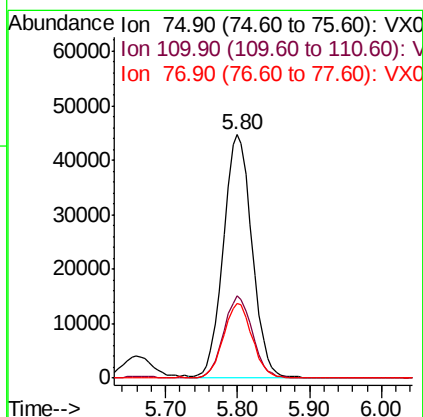
RT: 5.80 min Scan# 762

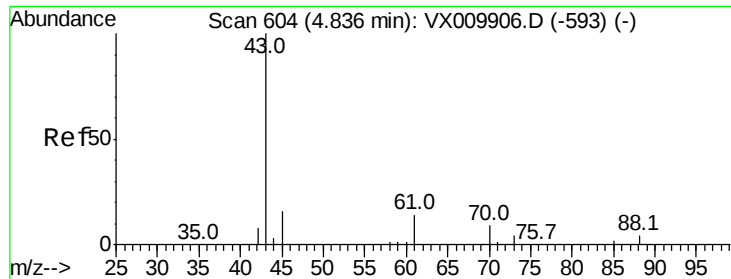
Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tgt Ion:	75	Resp:	123066
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.7	50.1
77	31.2	25.0	37.4





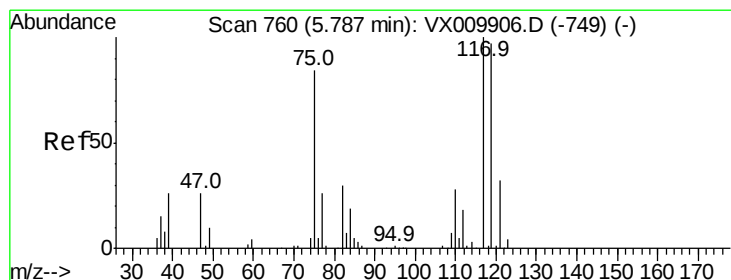
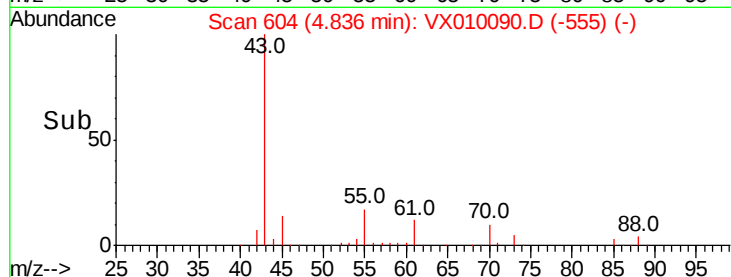
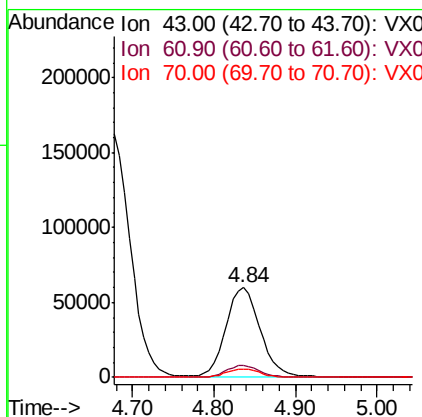
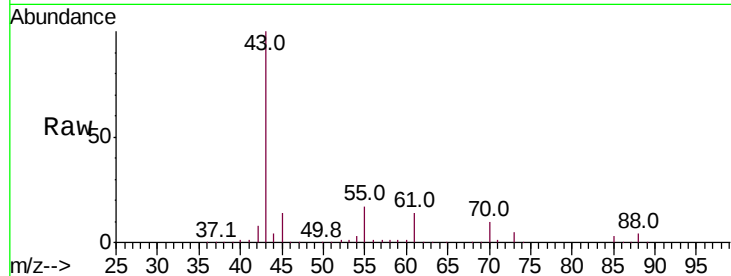
#37
Ethyl Acetate
Concen: 49.425 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.2
70	9.6	7.4	11.2

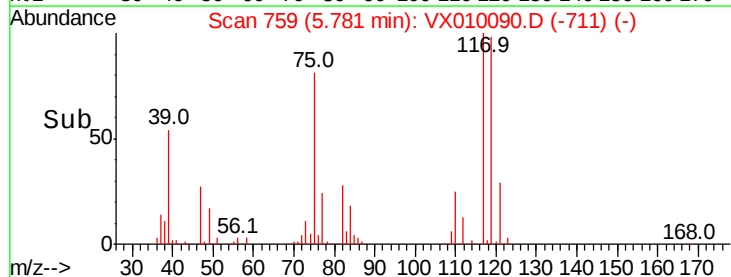
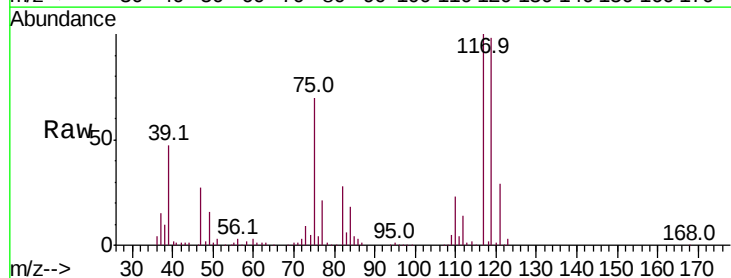
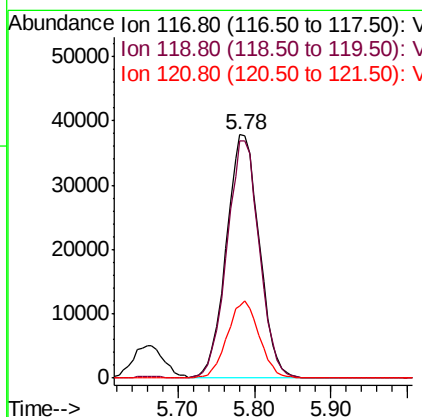
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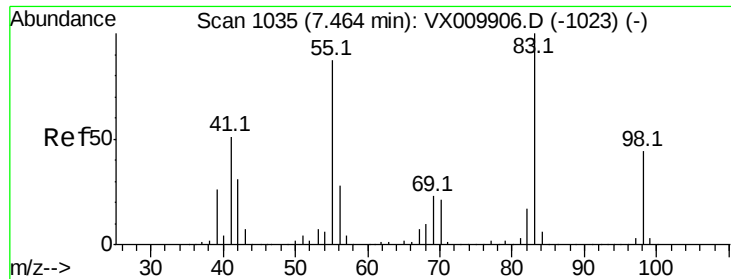
MMDadoda
6/6/2019 9:32:28 AM



#38
Carbon Tetrachloride
Concen: 51.616 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.3	115.9
121	29.5	25.4	38.0





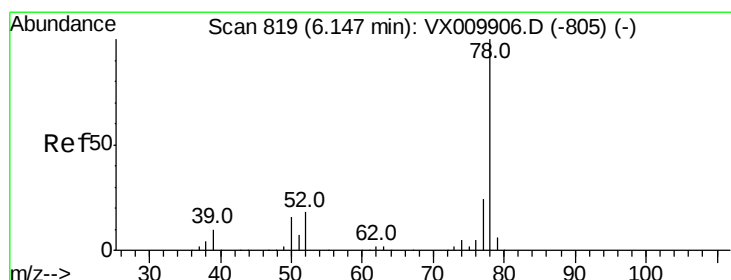
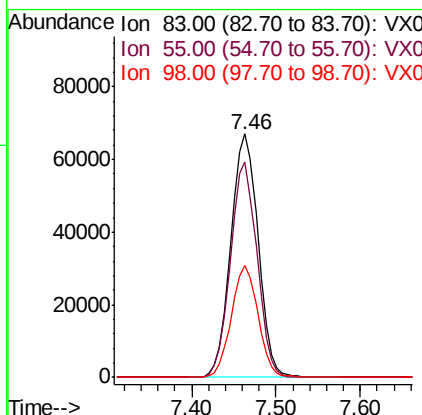
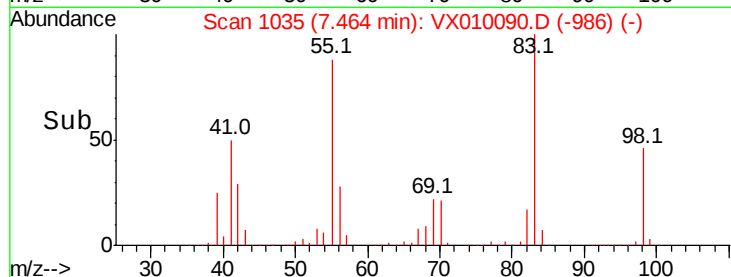
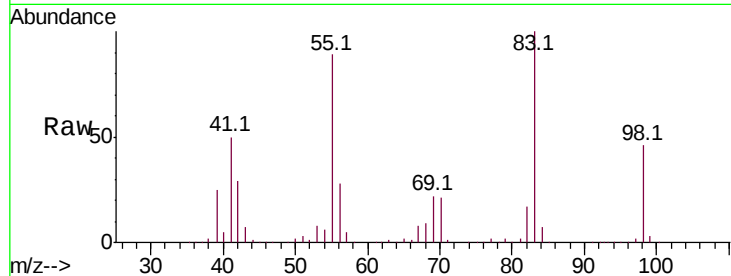
#39
Methvlcvclohexane
Concen: 48.904 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.6	69.9	104.9
98	45.8	35.1	52.7

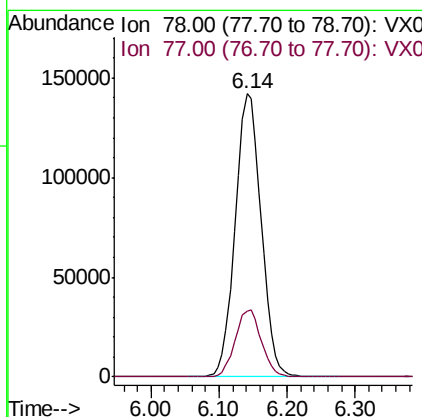
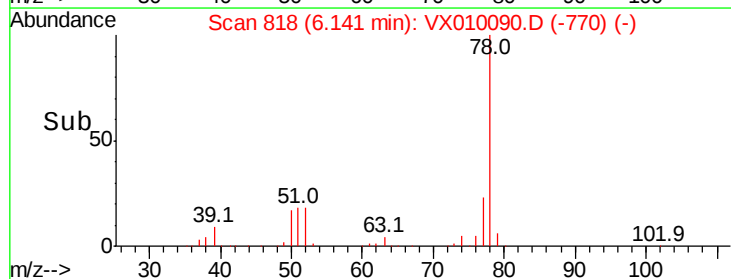
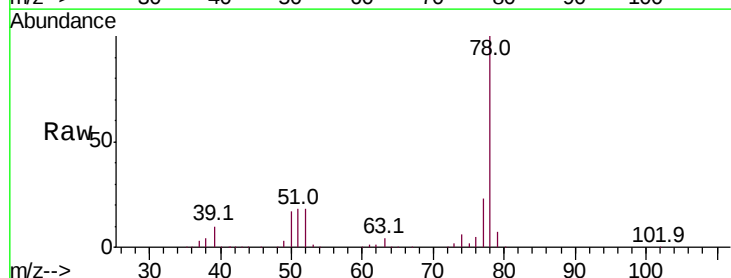
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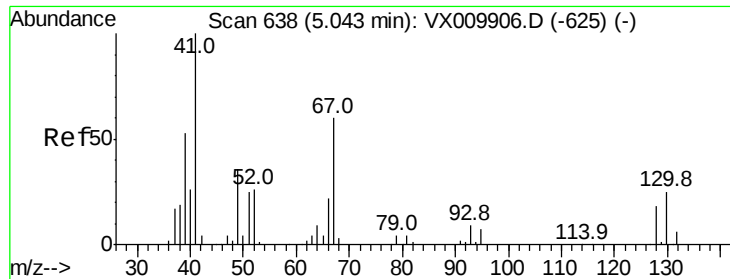
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#40
Benzene
Concen: 50.134 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





#41

Methacrylonitrile

Concen: 48.921 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

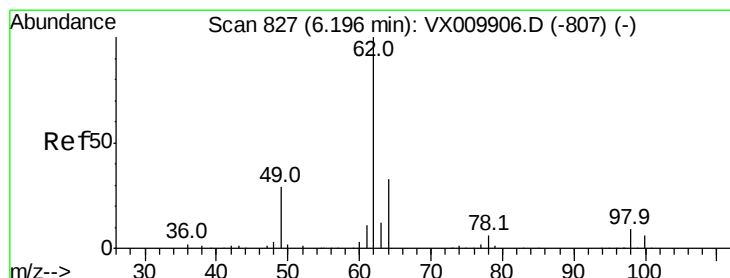
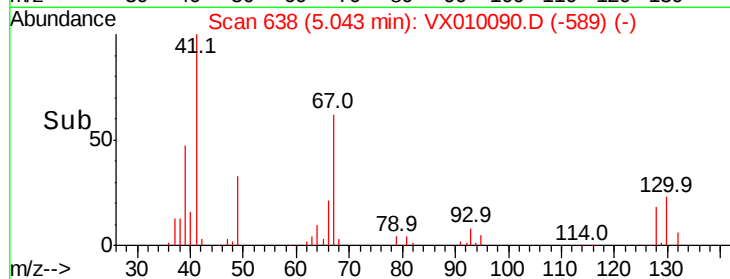
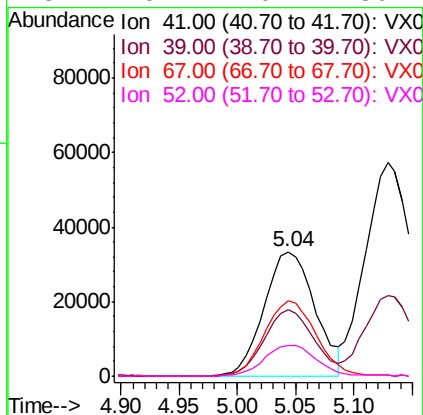
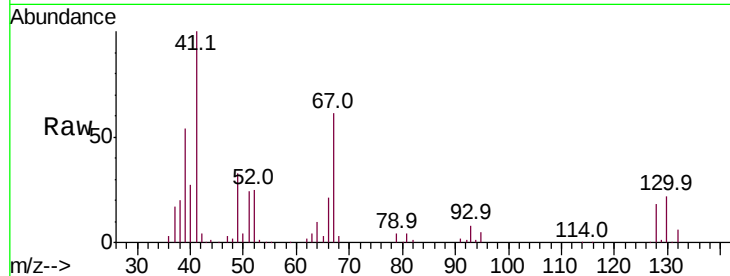
ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	42.2	63.4	
67	62.0	48.9	73.3	
52	26.7	20.1	30.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.542 ug/l

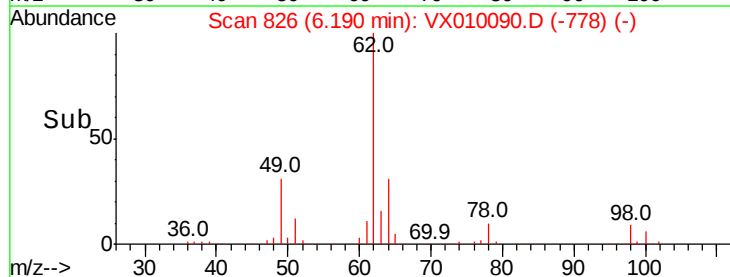
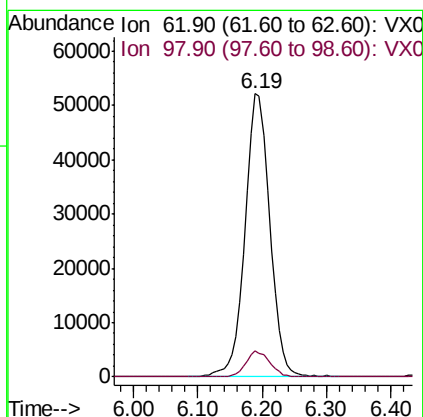
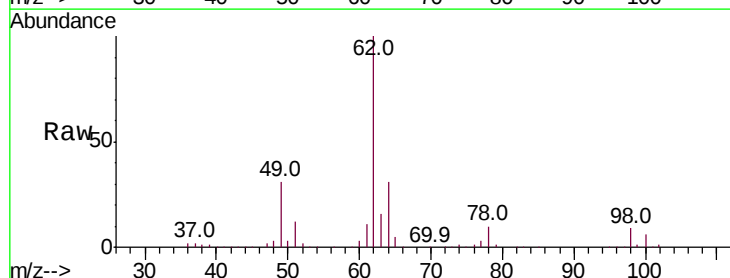
RT: 6.19 min Scan# 826

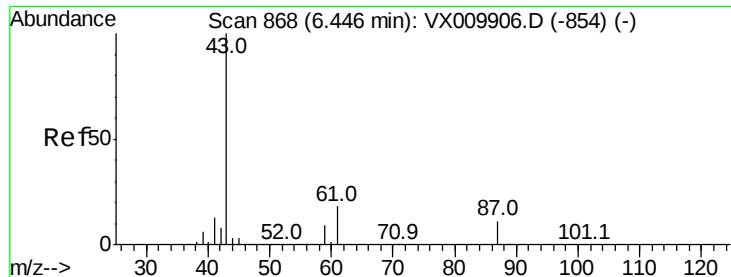
Delta R.T. -0.01 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

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





#43

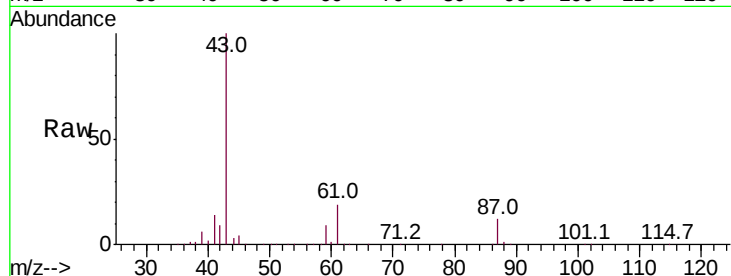
Isopropyl Acetate
 Concen: 48.642 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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

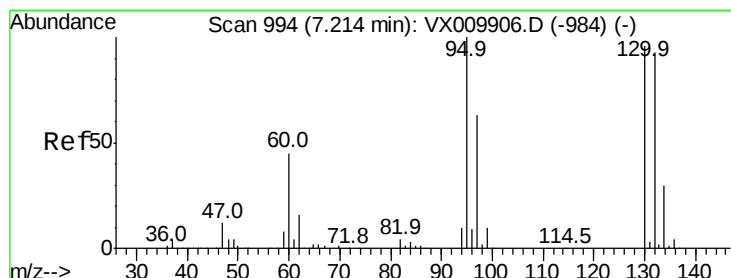
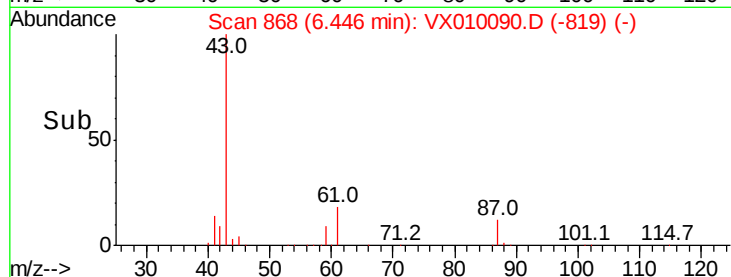
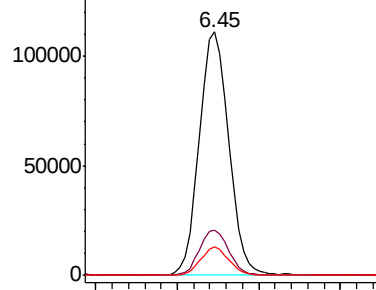
Tot Ion:	43	Resp:	276520
Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.6	21.8
87	11.3	8.7	13.1

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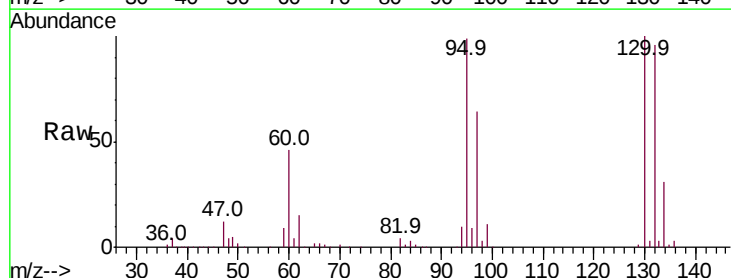
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



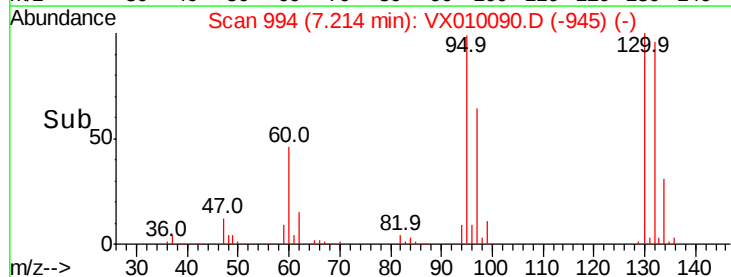
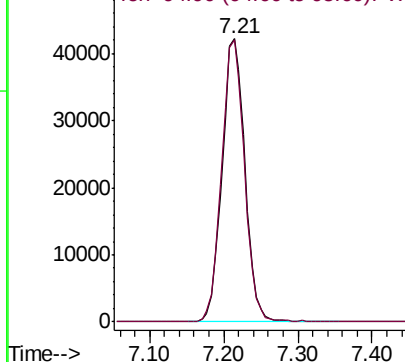
#44

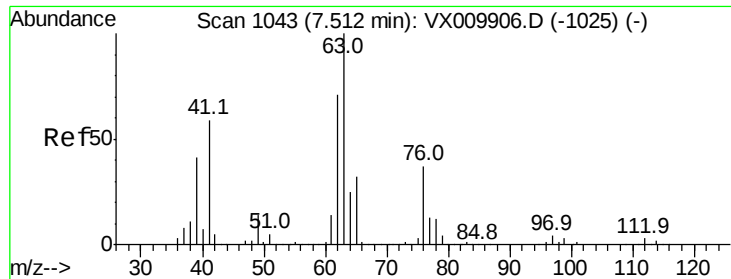
Trichloroethene
 Concen: 49.624 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion:	130	Resp:	90413
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	207.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.252 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 63 Resp: 106345

Ion Ratio Lower Upper

63 100

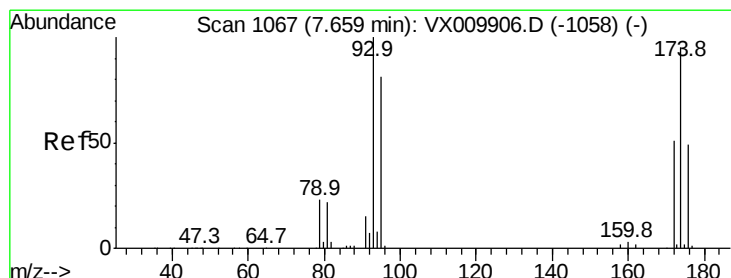
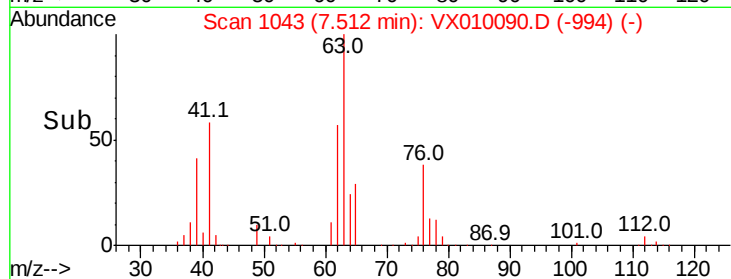
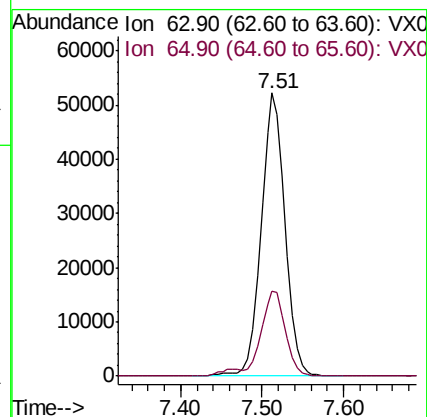
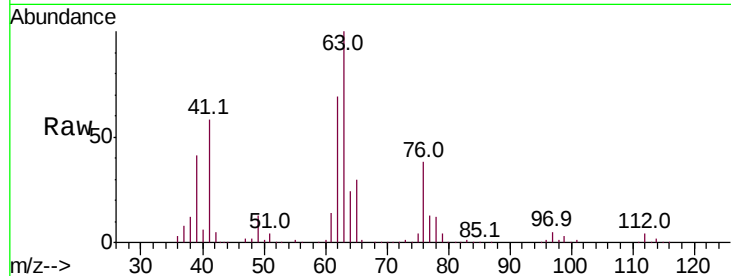
65 30.0 25.7 38.5

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#46

Dibromomethane

Concen: 48.764 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

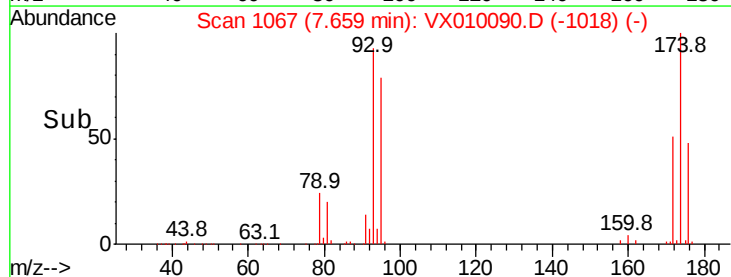
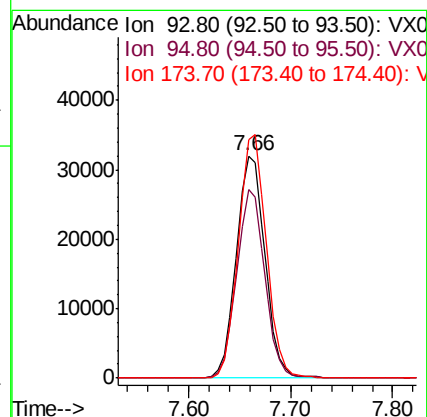
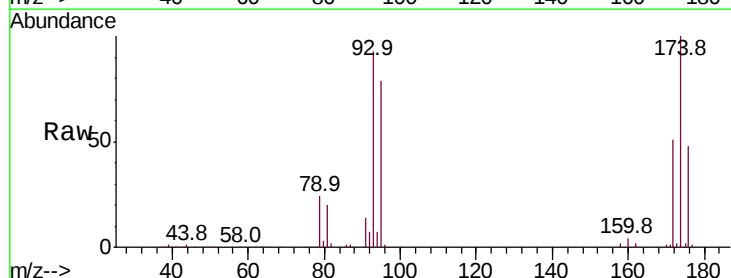
Tgt Ion: 93 Resp: 61977

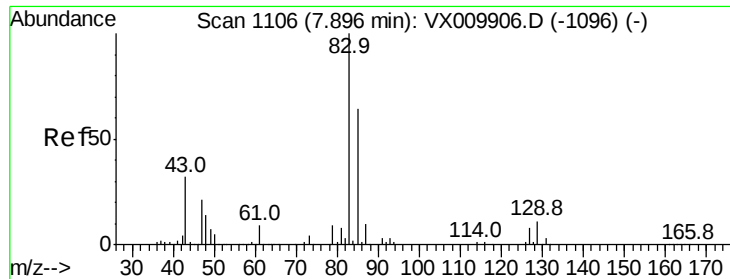
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 107.3 81.9 122.9





#47

Bromodichloromethane

Concen: 51.726 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

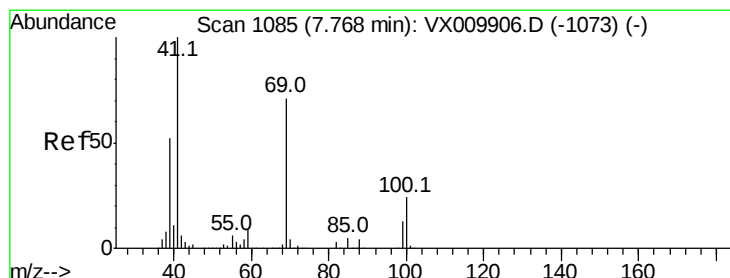
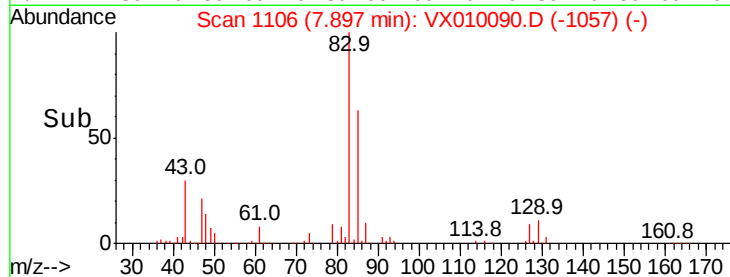
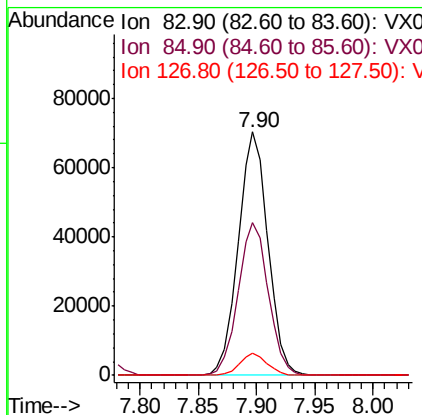
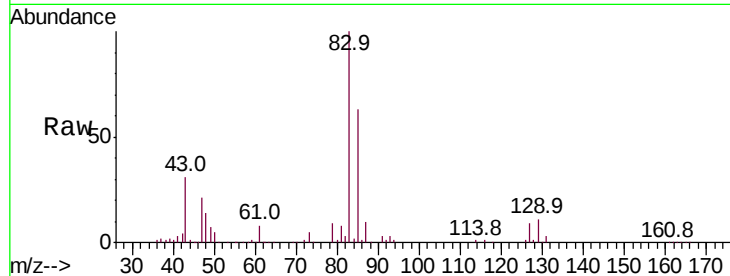
ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion:	83	Resp:	125016
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.4	77.2
127	8.9	6.4	9.6

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#48

Methyl methacrylate

Concen: 50.696 ug/l

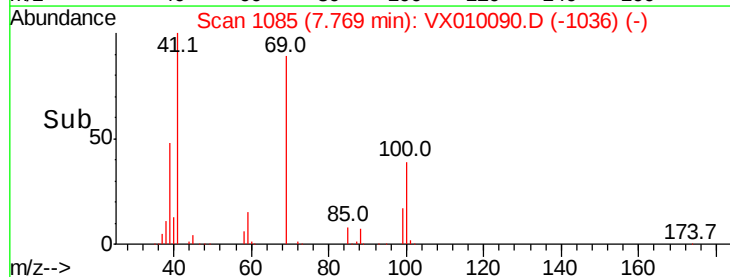
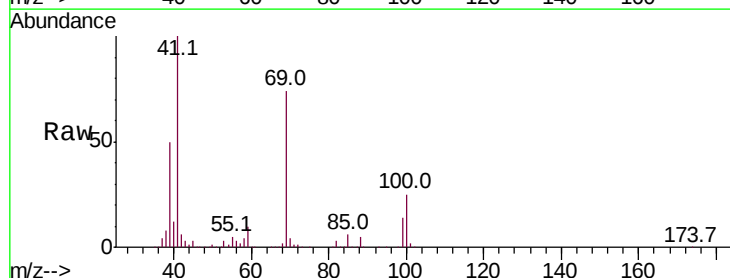
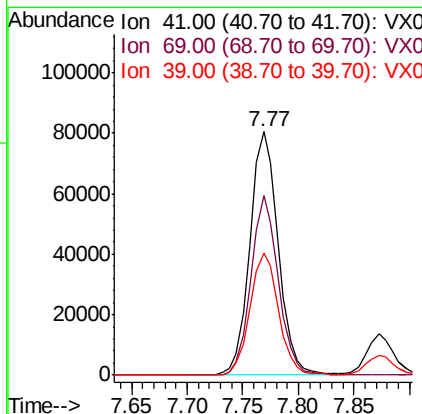
RT: 7.77 min Scan# 1085

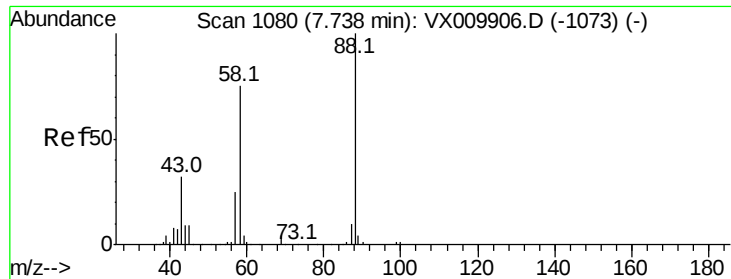
Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tgt Ion:	41	Resp:	142667
Ion Ratio	Lower	Upper	
41	100		
69	71.6	56.4	84.6
39	50.6	40.6	60.8





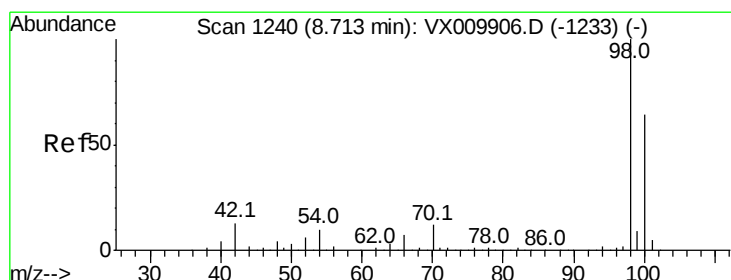
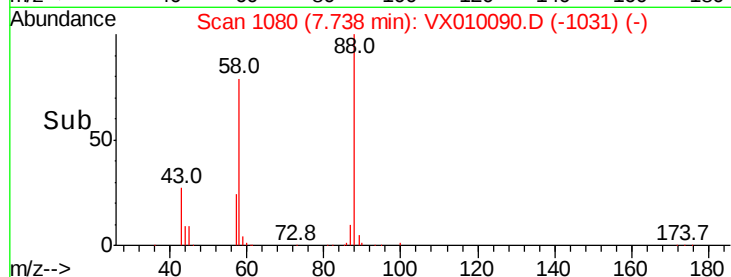
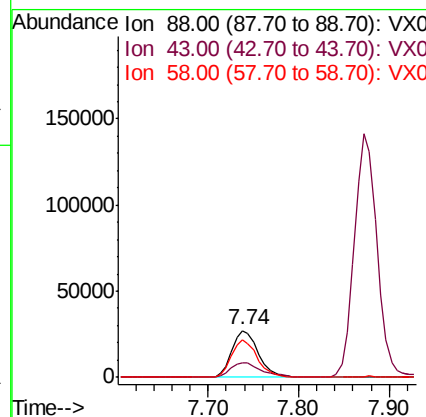
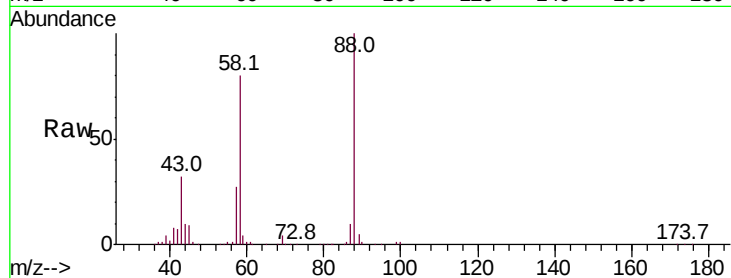
#49
1,4-Dioxane
Concen: 1050.277 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	30.2	45.4
58	79.5	64.0	96.0

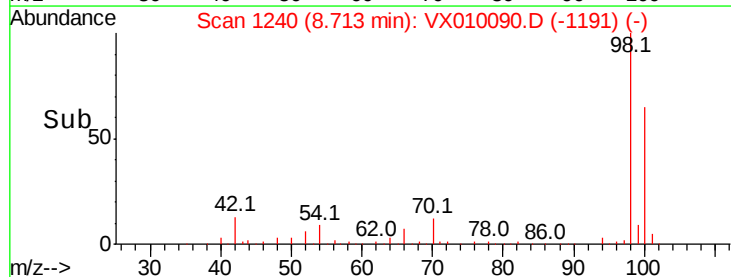
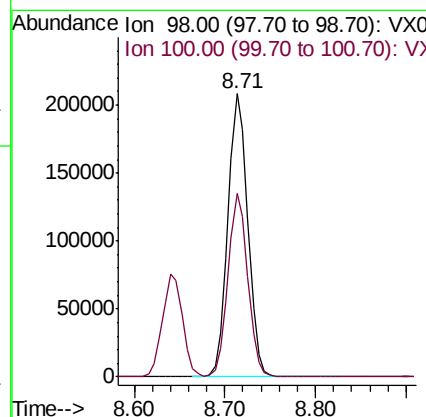
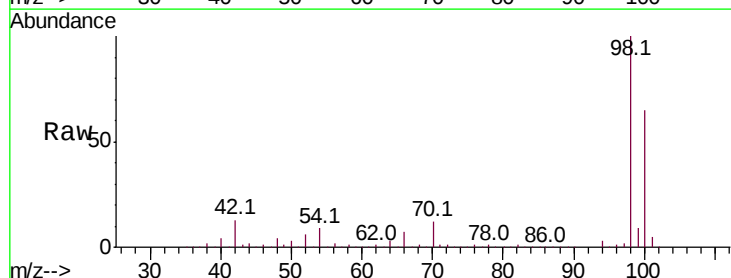
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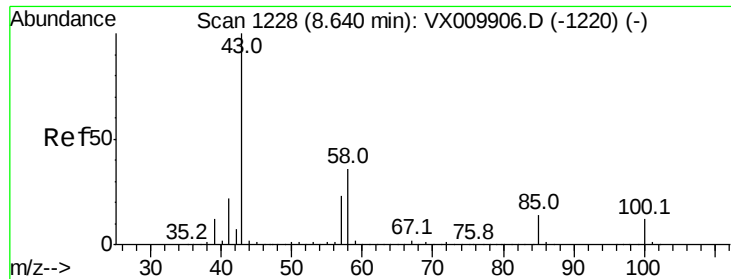
MMDadoda
6/6/2019 9:32:28 AM



#50
Toluene-d8
Concen: 50.170 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





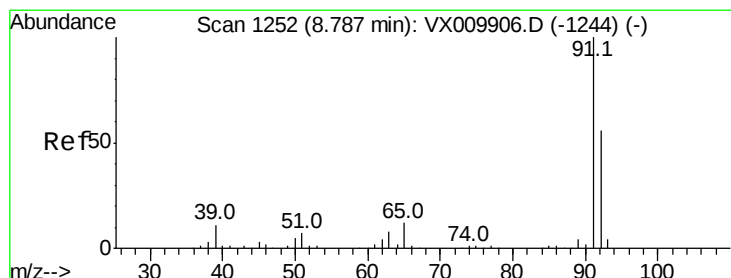
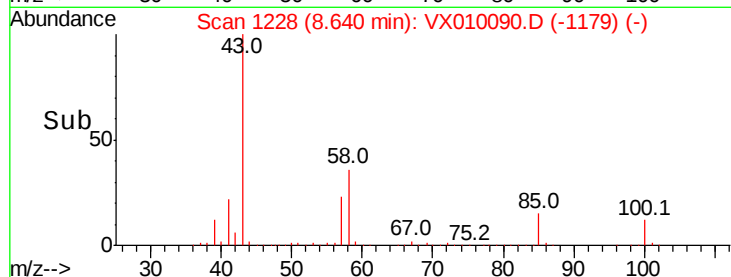
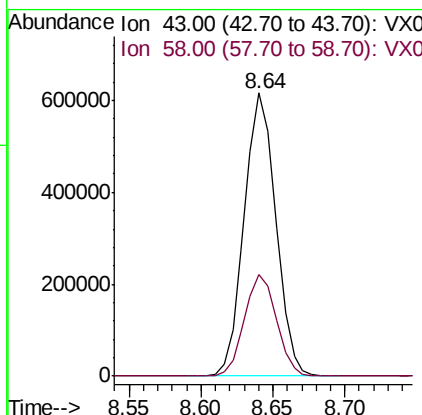
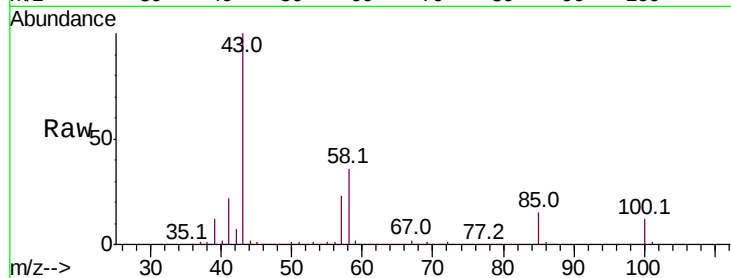
#51
4-Methyl-2-Pentanone
Concen: 254.153 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.8	43.2

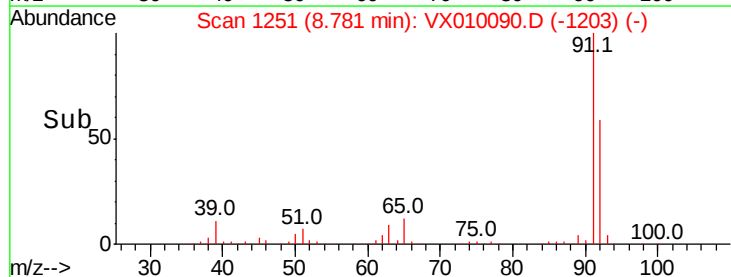
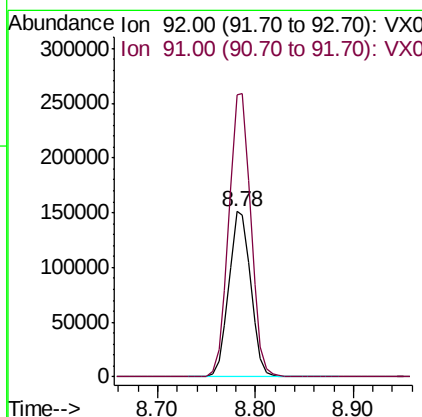
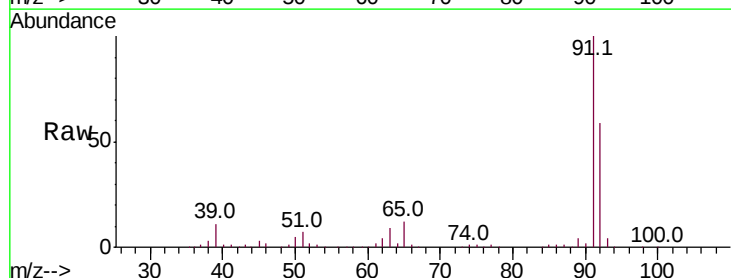
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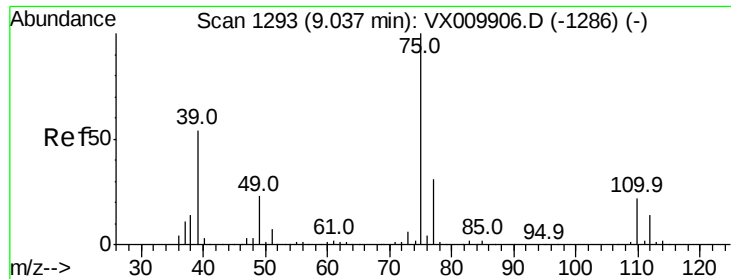
MMDadoda
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#52
Toluene
Concen: 51.597 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	139.9	209.9





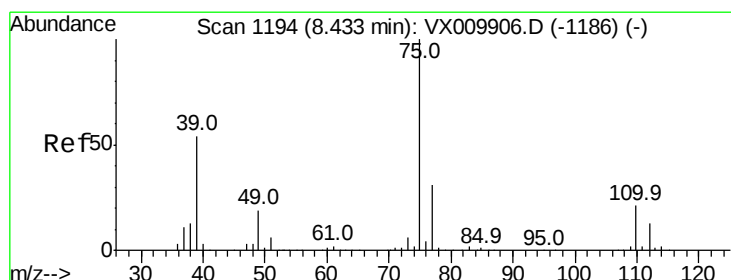
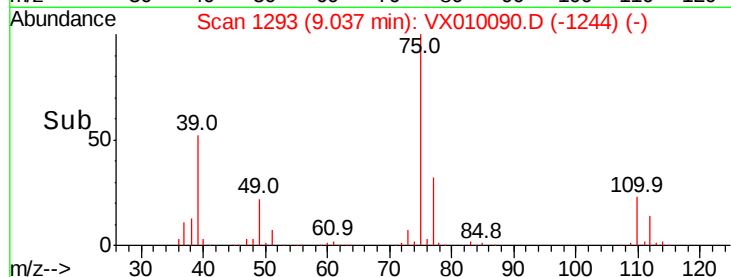
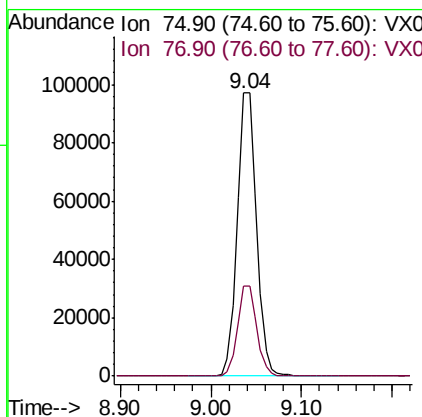
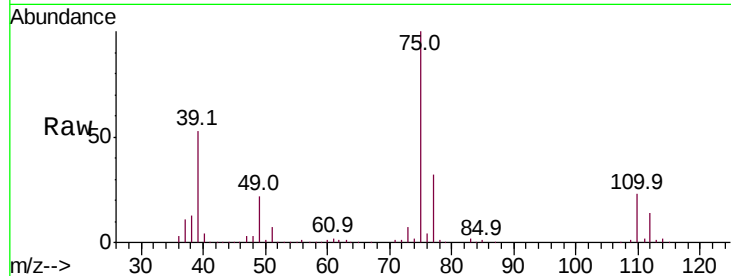
#53
t-1,3-Dichloropropene
Concen: 49.403 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion: 75 Resp: 143198
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8

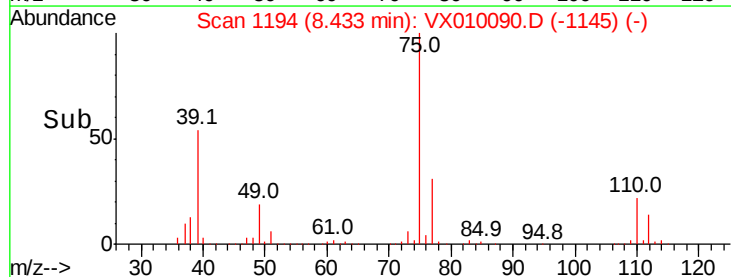
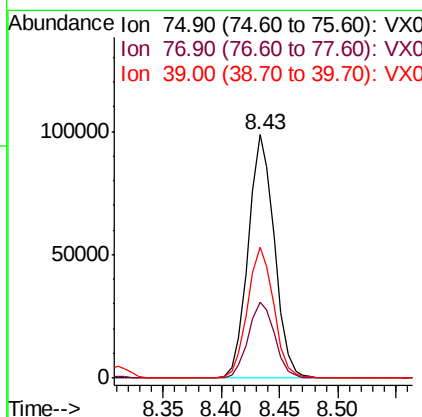
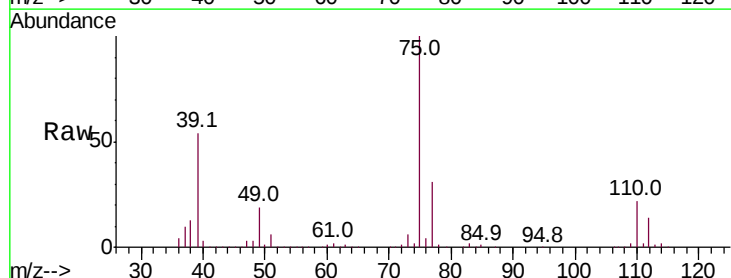
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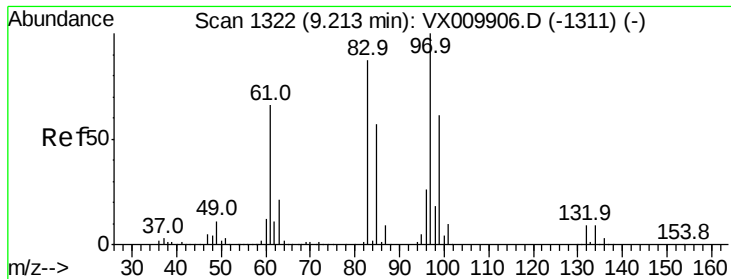
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.014 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion: 75 Resp: 154794
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 53.6 43.4 65.0





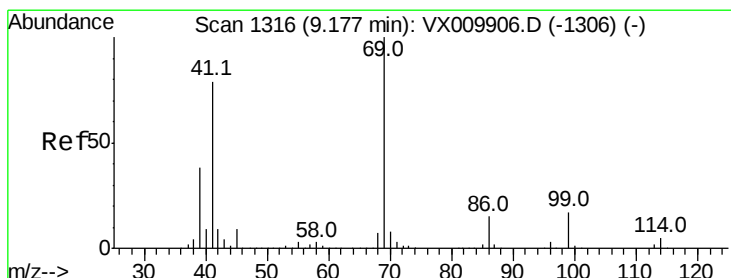
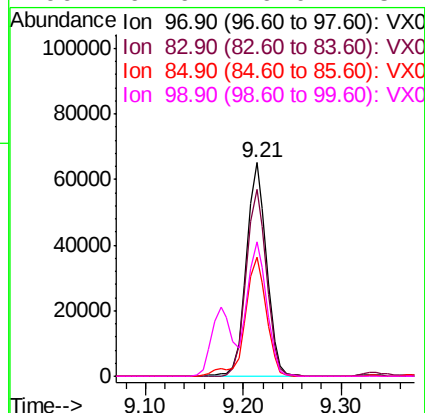
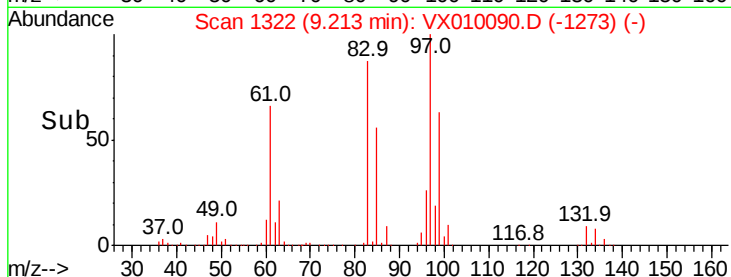
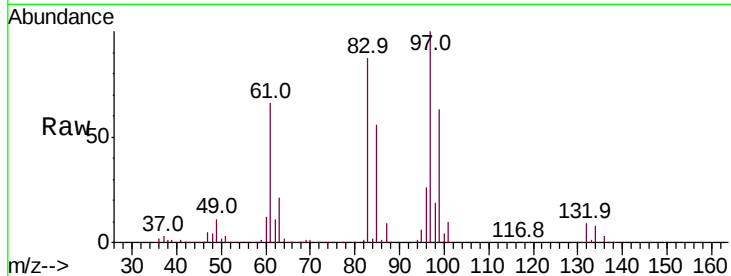
#55
1,1,2-Trichloroethane
Concen: 50.839 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	97	Resp	93188
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.8	104.8
85	55.7	45.3	67.9
99	62.6	49.0	73.4

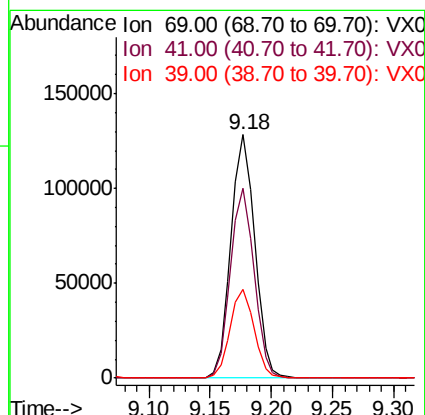
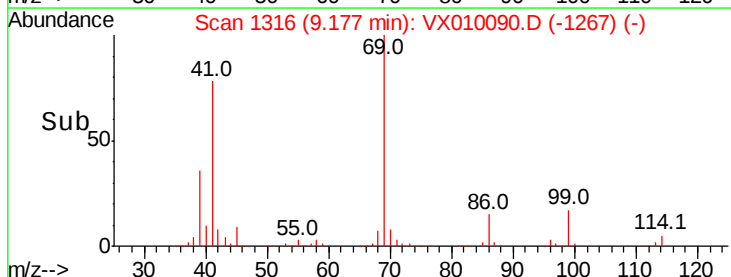
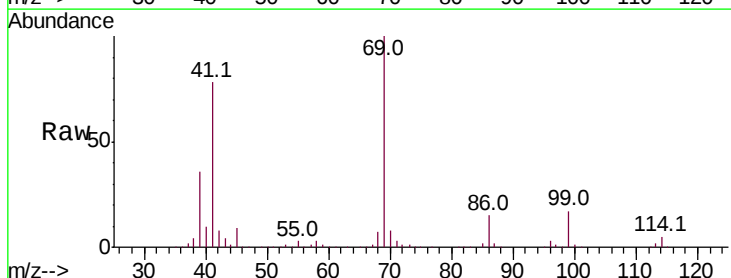
Manual Integrations
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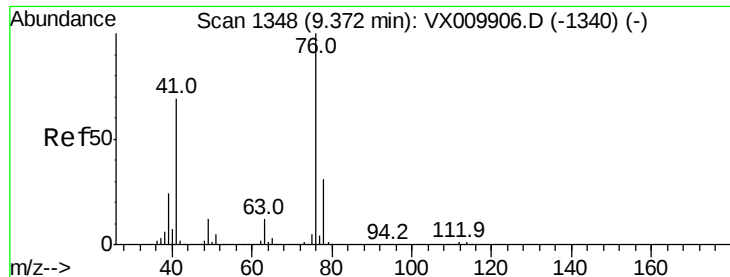
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#56
Ethyl methacrylate
Concen: 53.241 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	69	Resp	173741
Ion	Ratio	Lower	Upper
69	100		
41	77.5	62.7	94.1
39	36.4	29.5	44.3





#57

1,3-Dichloropropane

Concen: 50.415 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 76 Resp: 165958

Ion Ratio Lower Upper

76 100

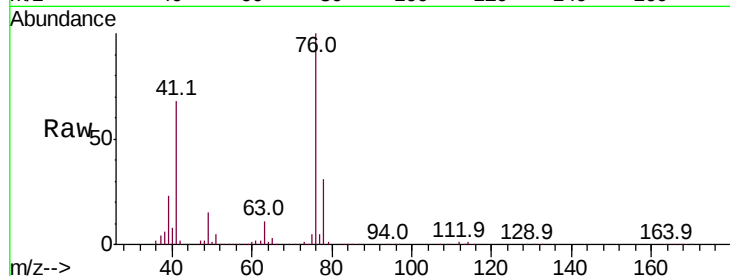
78 31.4 25.4 38.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

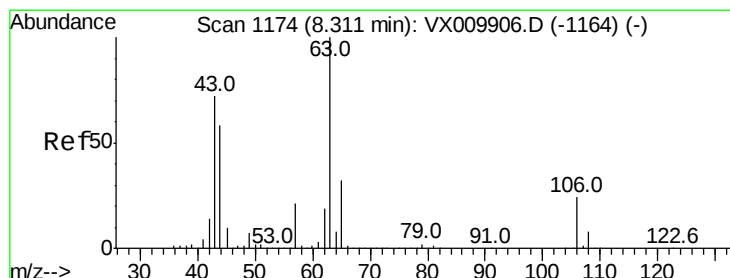
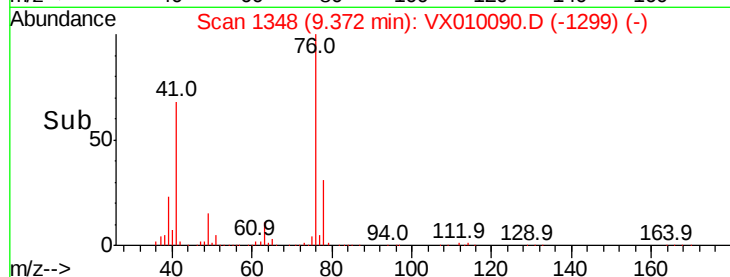
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 204.101 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010090.D

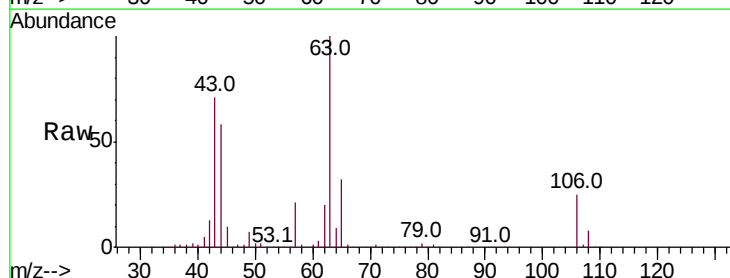
Acq: 05 Jun 2019 20:22

Tgt Ion: 63 Resp: 349256

Ion Ratio Lower Upper

63 100

106 24.7 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

250000

200000

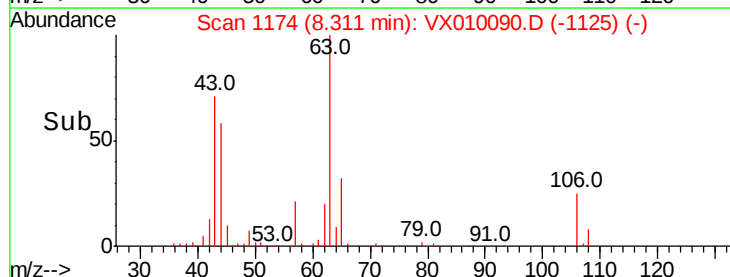
150000

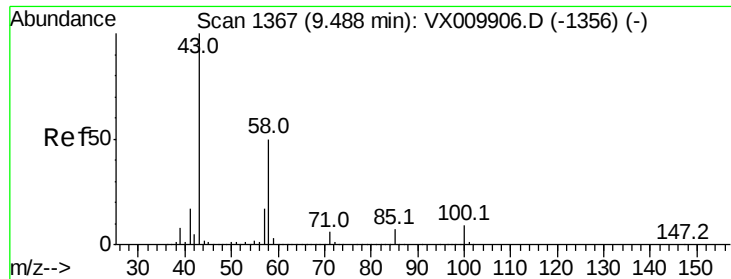
100000

50000

0

Time-->





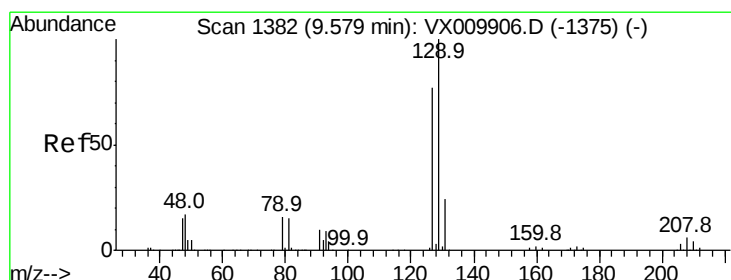
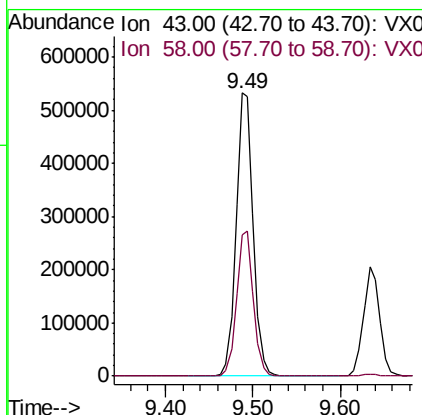
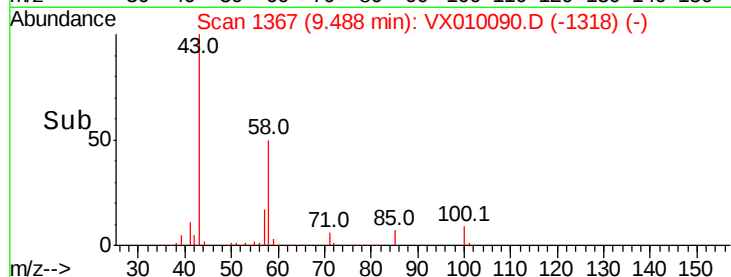
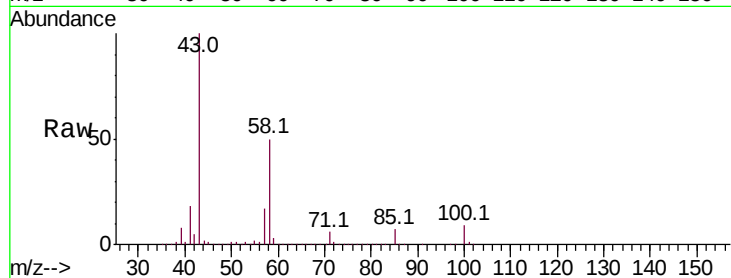
#59
2-Hexanone
Concen: 255.256 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion: 43 Resp: 726745
Ion Ratio Lower Upper
43 100
58 50.6 25.1 75.3

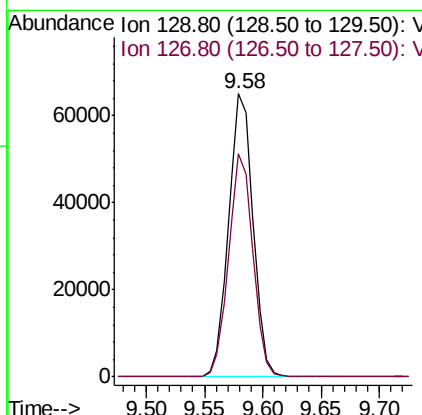
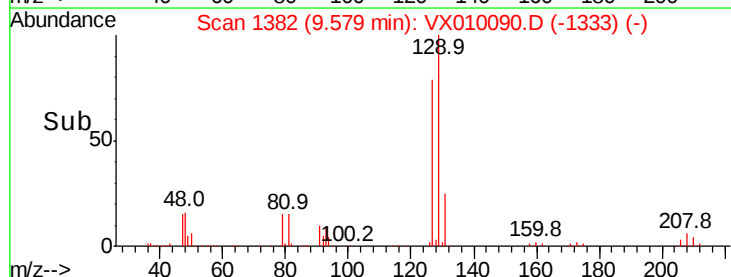
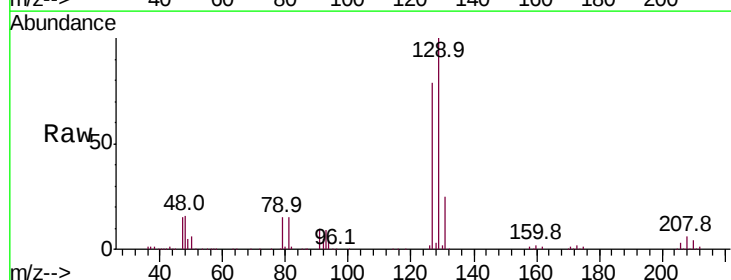
Manual Integrations
APPROVED

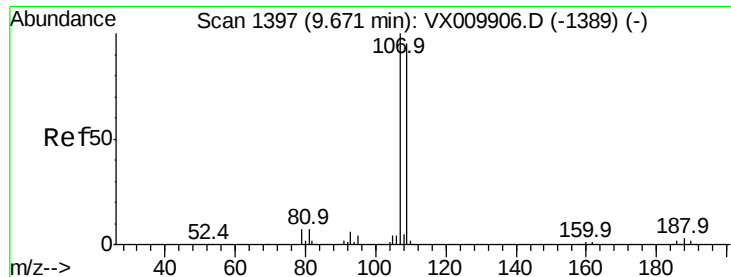
MMDadoda
6/6/2019 9:32:28 AM



#60
Dibromochloromethane
Concen: 52.861 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion: 129 Resp: 95314
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.324 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion:107 Resp: 96650

Ion Ratio Lower Upper

107 100

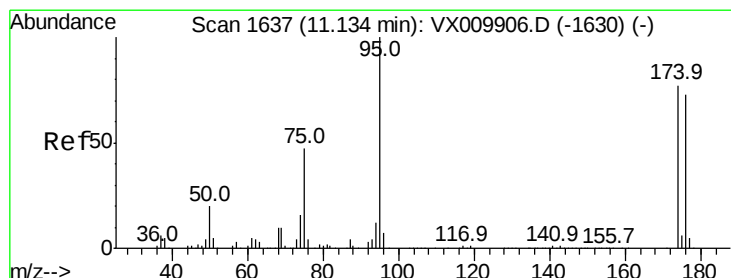
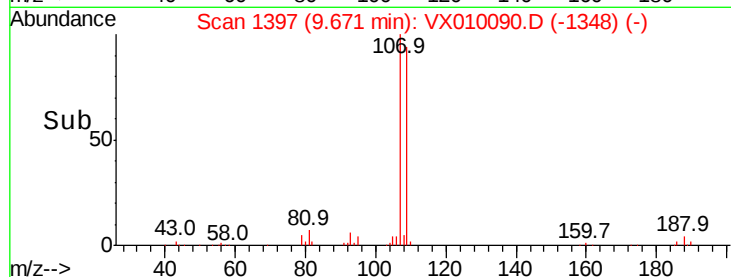
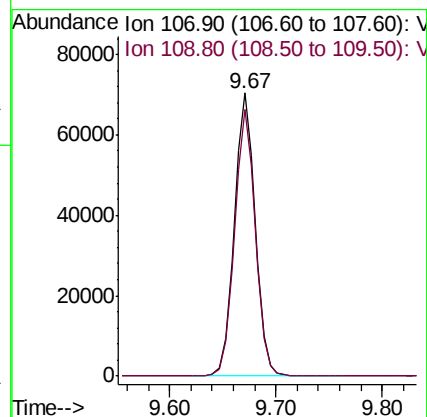
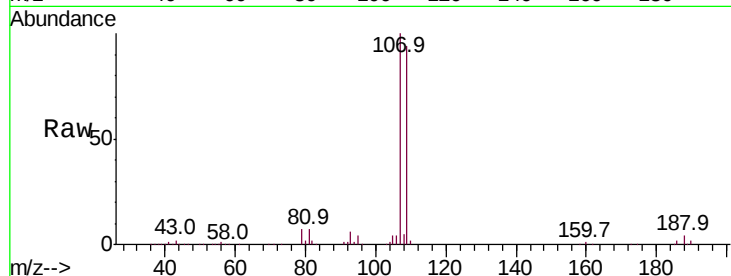
109 93.9 75.4 113.2

Manual Integrations

APPROVED

MMDadoda

6/6/2019 9:32:28 AM



#62

4-Bromofluorobenzene

Concen: 51.754 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

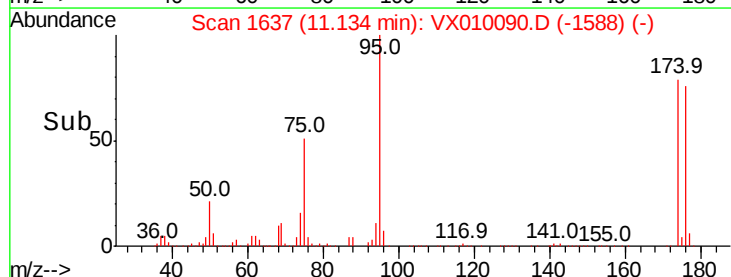
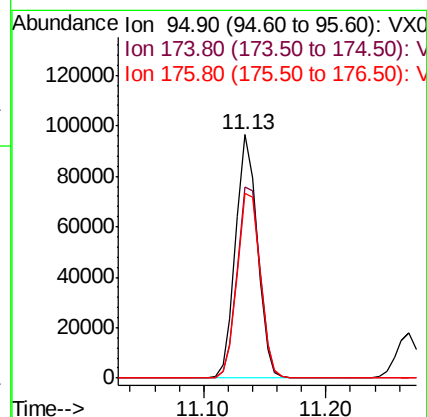
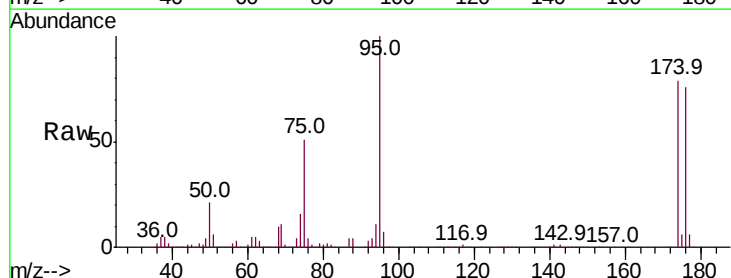
Tgt Ion: 95 Resp: 118271

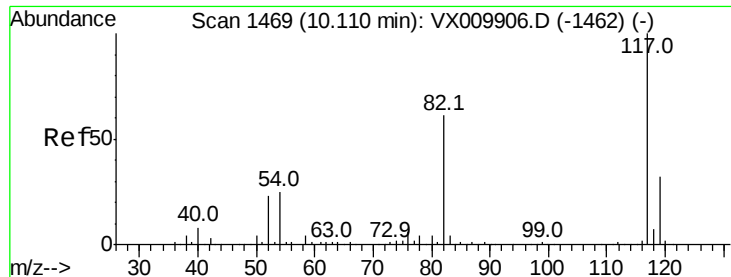
Ion Ratio Lower Upper

95 100

174 83.2 0.0 160.4

176 80.7 0.0 154.6





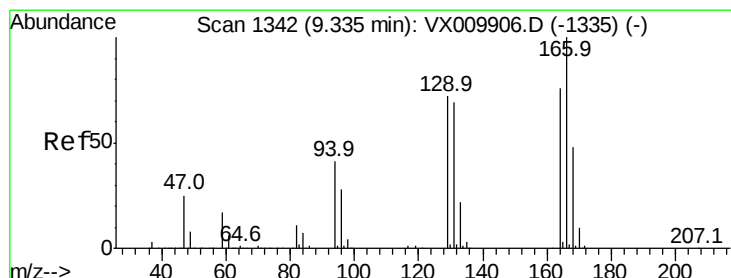
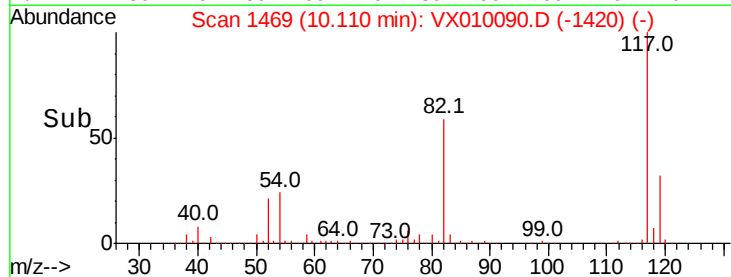
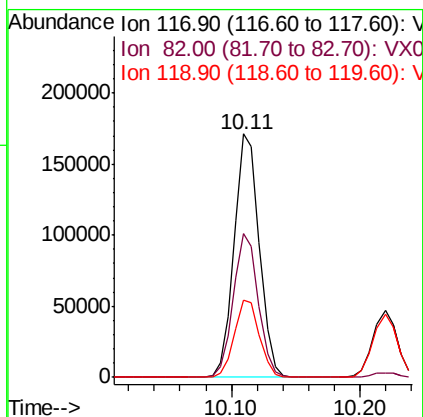
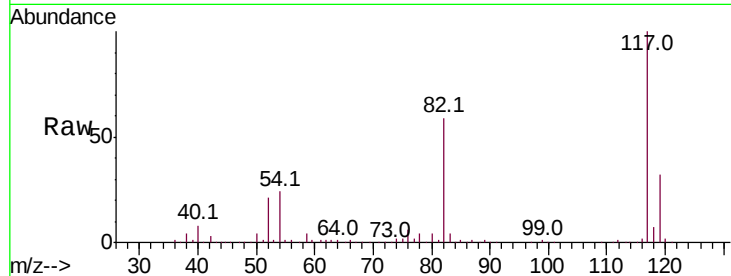
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	49.2	73.8
119	31.8	25.2	37.8

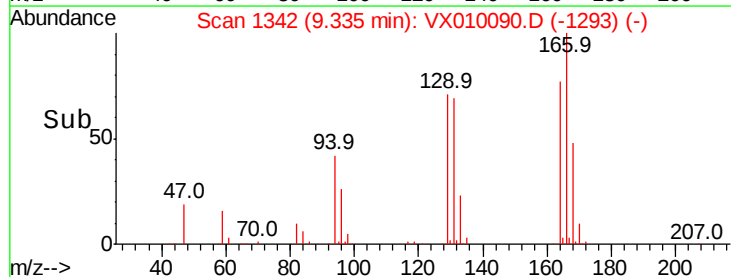
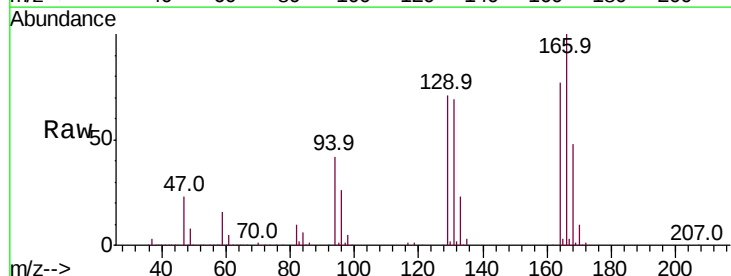
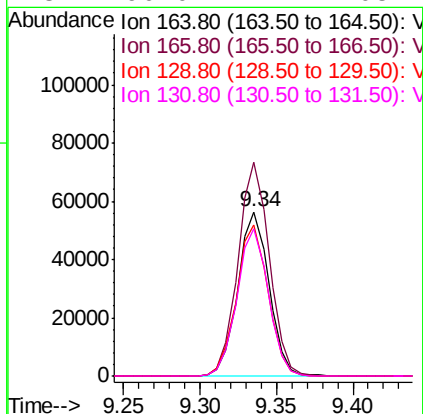
Manual Integrations
APPROVED

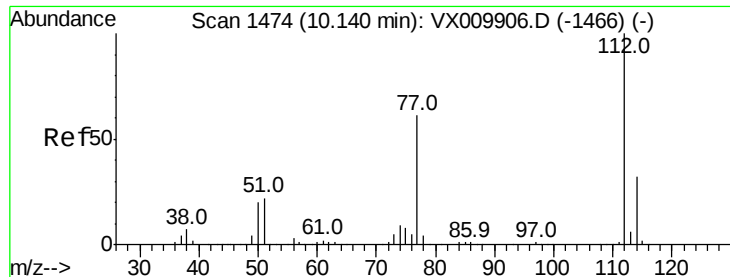
MMDadoda
6/6/2019 9:32:28 AM



#64
Tetrachloroethene
Concen: 49.125 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	105.0	157.4
129	92.3	75.1	112.7
131	90.0	72.2	108.4





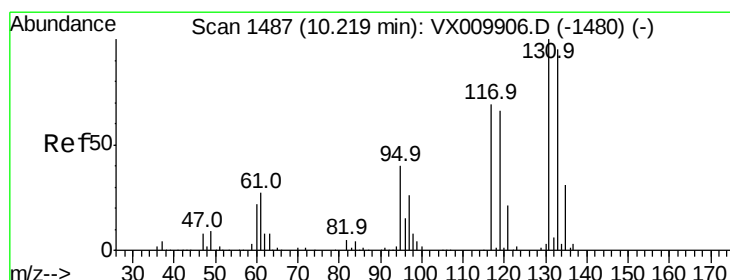
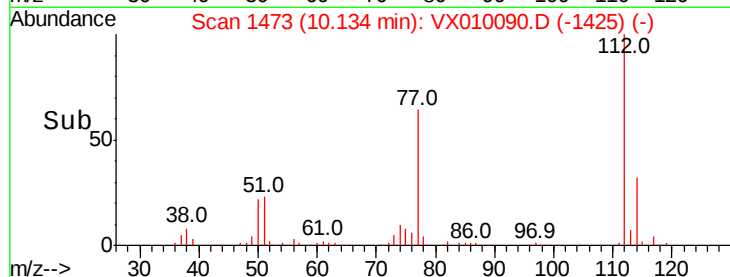
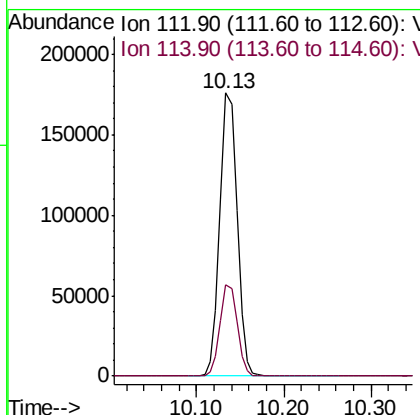
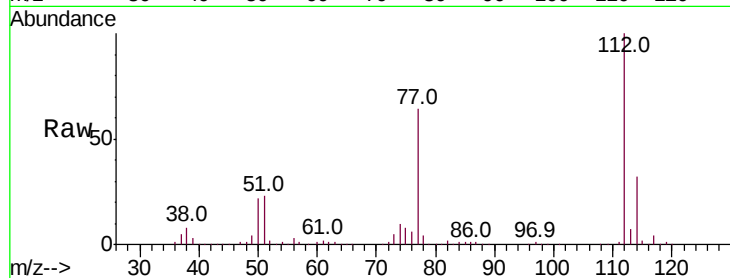
#65
Chlorobenzene
Concen: 49.655 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion:112 Resp: 242580
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

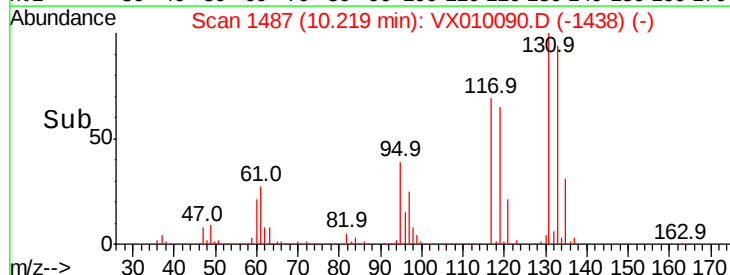
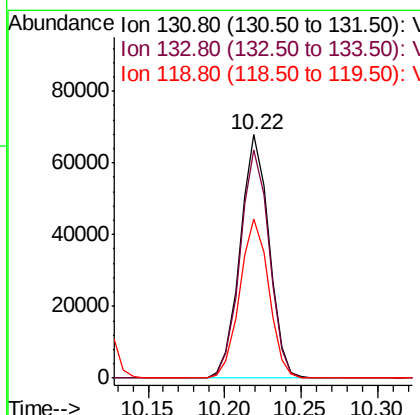
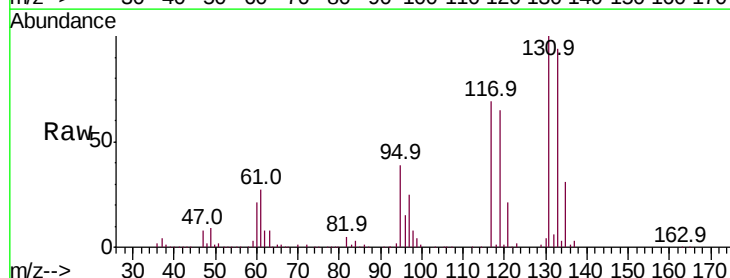
Manual Integrations
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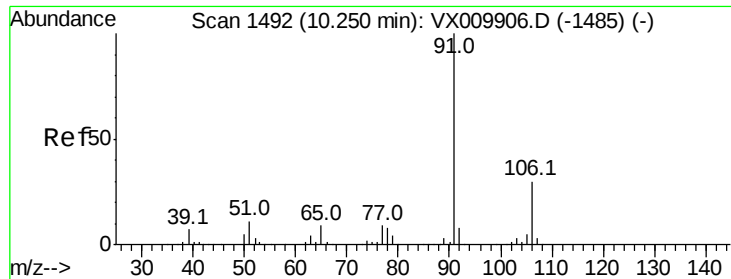
MMDadoda
6/6/2019 9:32:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.420 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion:131 Resp: 88821
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 65.8 33.4 100.1





#67

Ethyl Benzene

Concen: 51.276 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 91 Resp: 449774

Ion Ratio Lower Upper

91 100

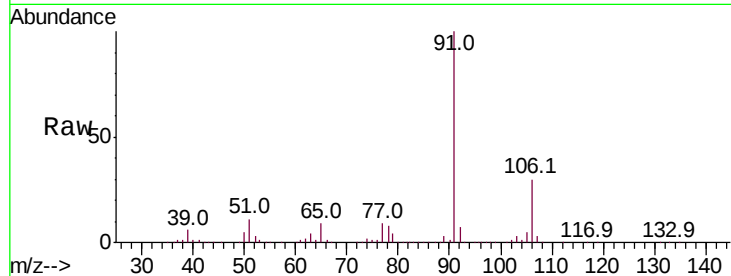
106 30.4 23.9 35.9

Manual Integrations

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6/6/2019 9:32:28 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

500000

400000

300000

200000

100000

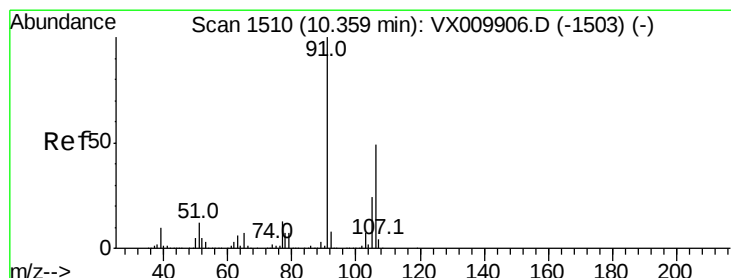
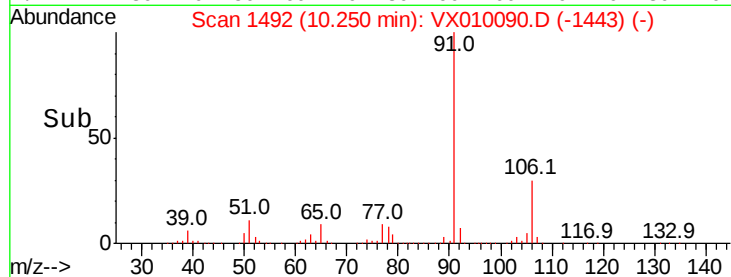
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 102.385 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010090.D

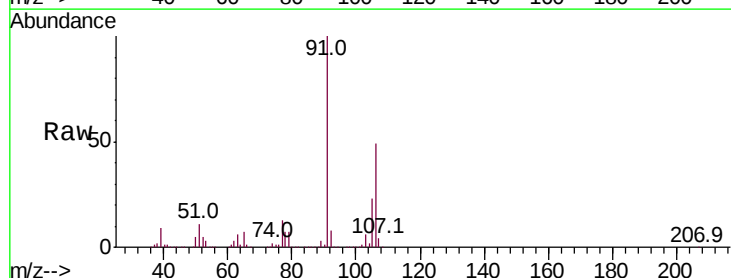
Acq: 05 Jun 2019 20:22

Tgt Ion: 106 Resp: 331782

Ion Ratio Lower Upper

106 100

91 206.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

100000

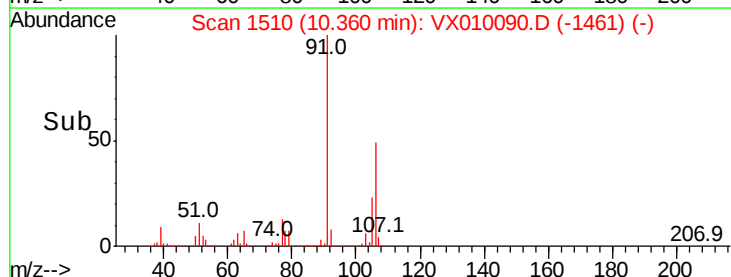
0

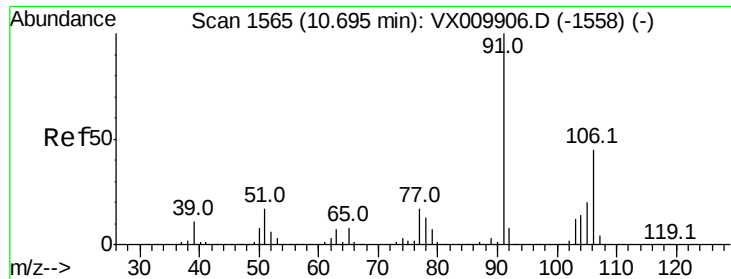
10.30

10.36

10.40

Time-->





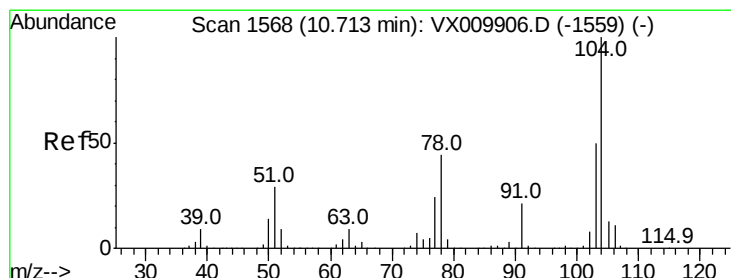
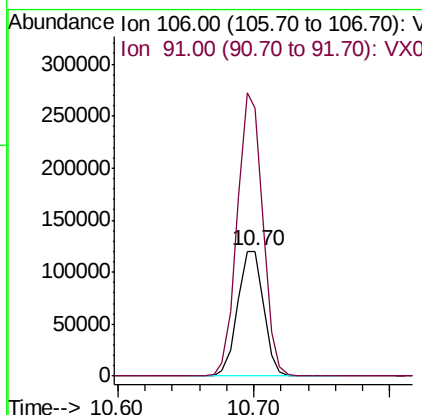
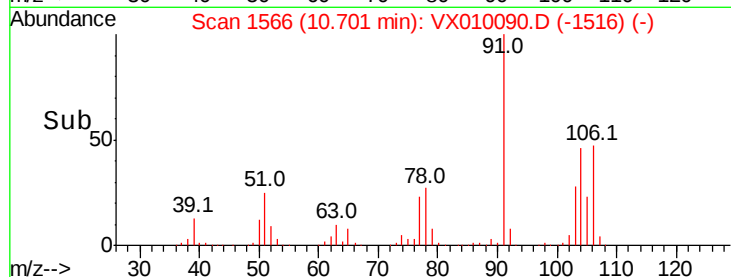
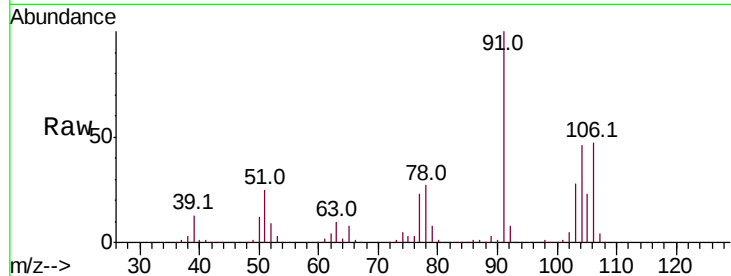
#69
o-Xylene
Concen: 51.665 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion:106 Resp: 160565
Ion Ratio Lower Upper
106 100
91 220.7 110.4 331.2

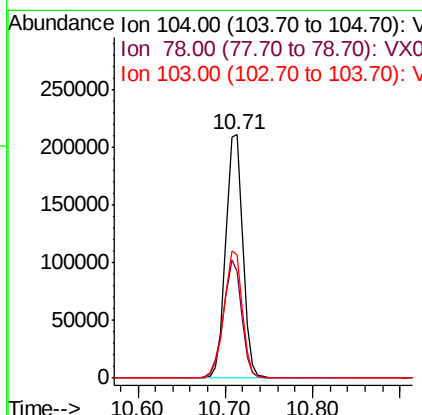
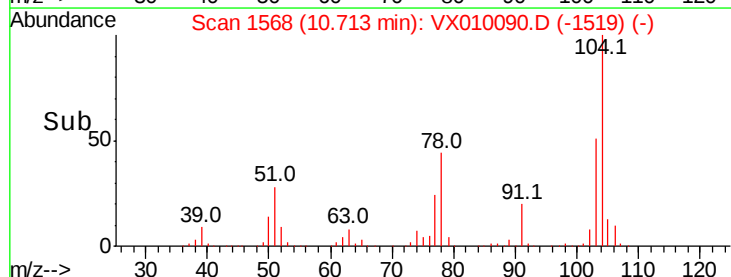
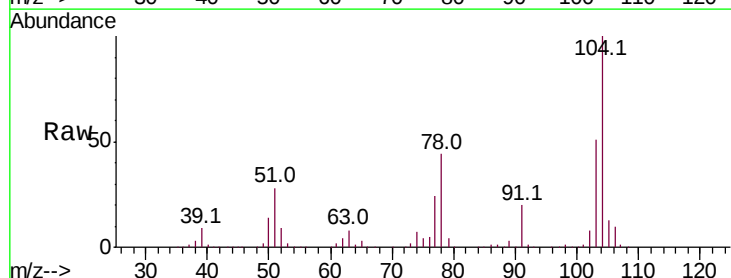
Manual Integrations
APPROVED

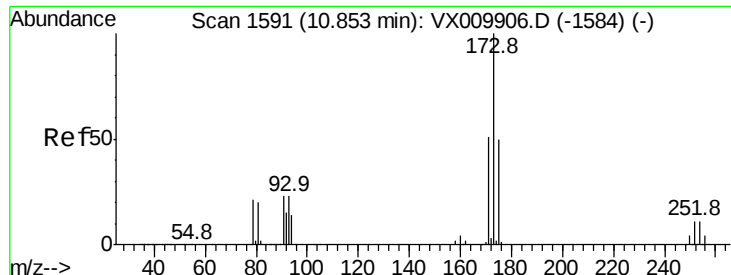
MMDadoda
6/6/2019 9:32:28 AM



#70
Styrene
Concen: 52.303 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion:104 Resp: 285031
Ion Ratio Lower Upper
104 100
78 51.3 42.1 63.1
103 55.3 44.1 66.1





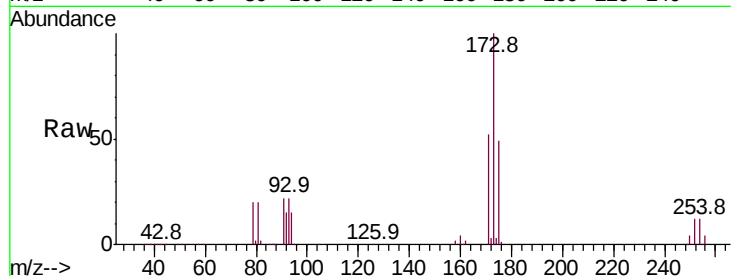
#71
Bromoform
Concen: 54.014 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

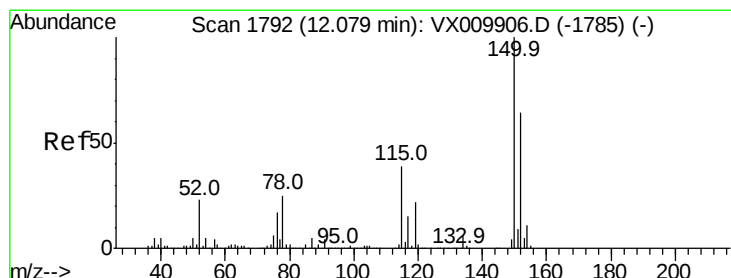
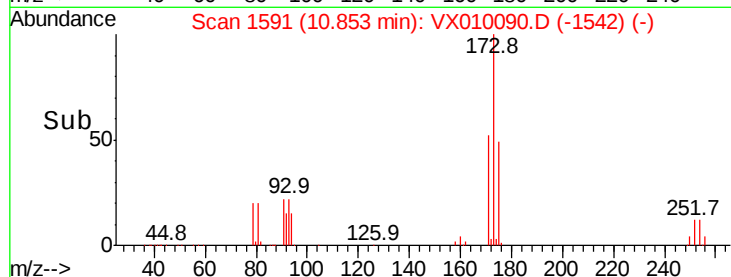
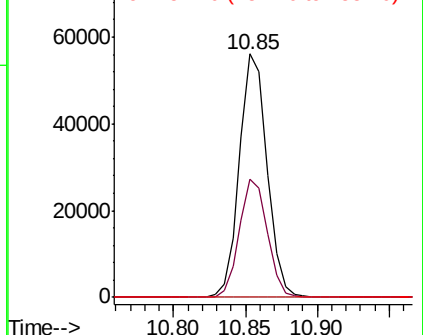
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.0	75.0
254	0.2	0.2	0.2

Manual Integrations
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MMDadoda
6/6/2019 9:32:28 AM

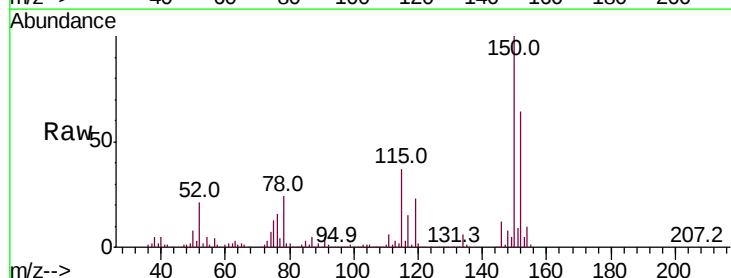


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

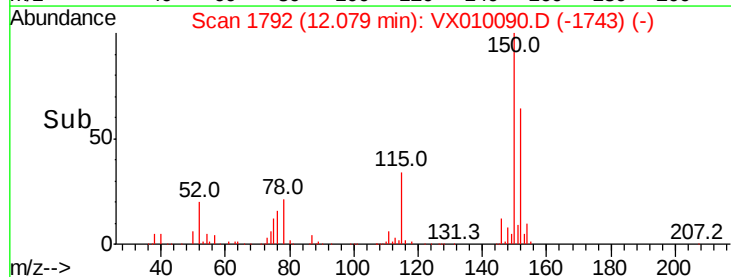
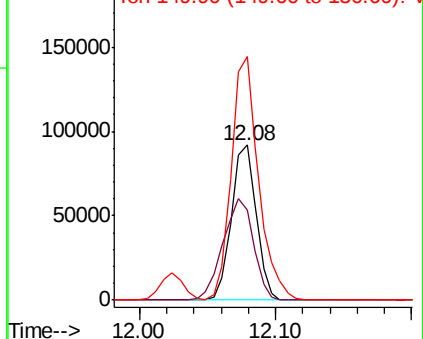


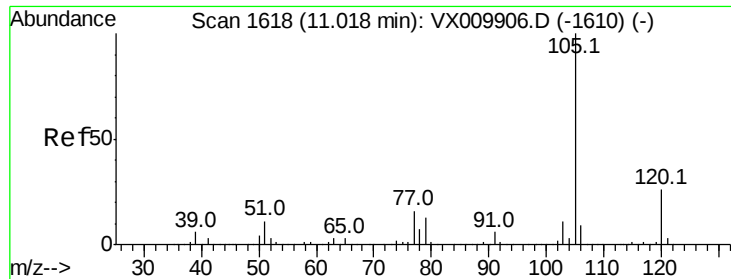
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.8	41.4	124.2
150	172.4	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





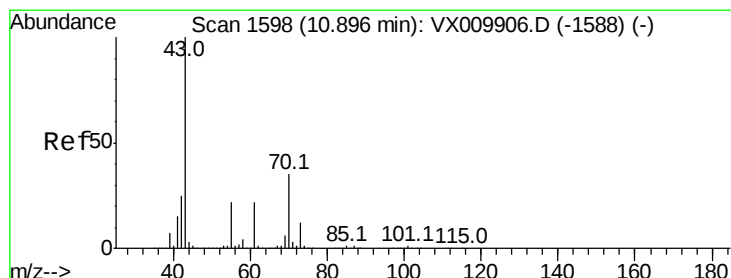
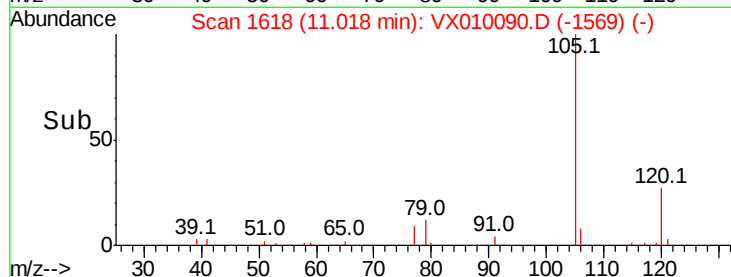
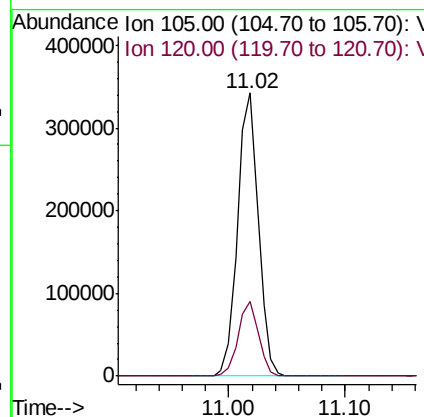
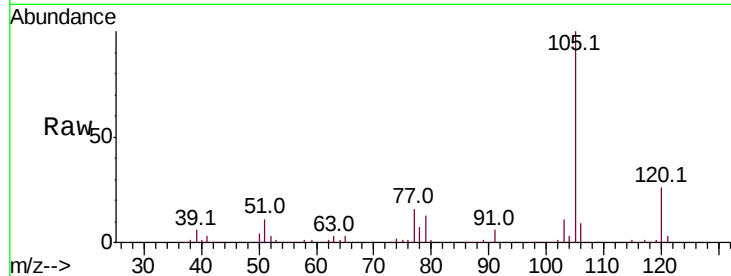
#73
Isopropylbenzene
Concen: 49.801 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
105	100	426808		
120	25.9		12.8	38.4

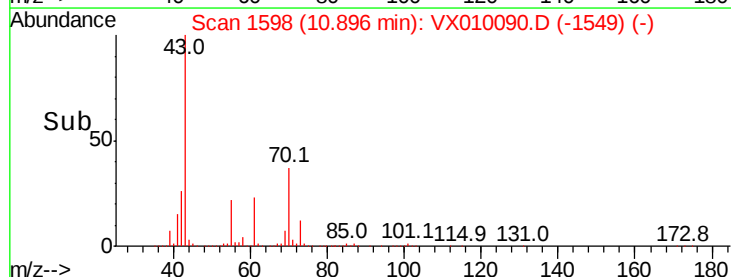
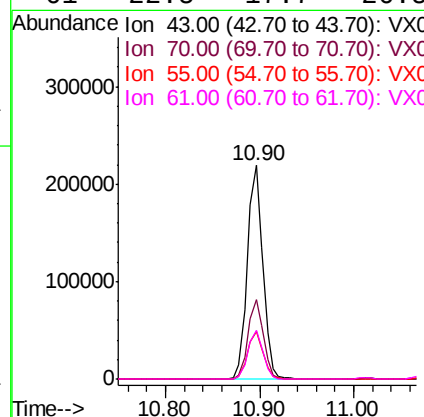
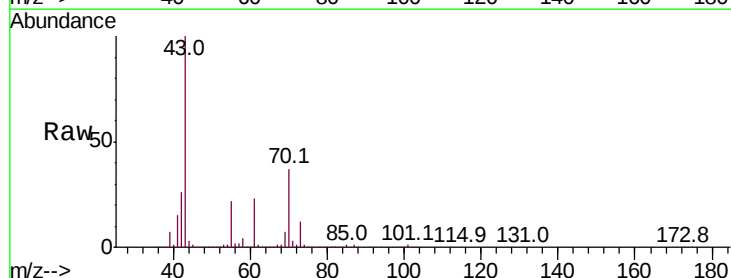
Manual Integrations
APPROVED

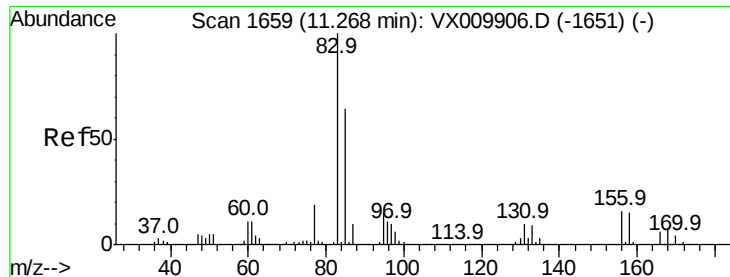
MMDadoda
6/6/2019 9:32:28 AM



#74
N-ethyl acetate
Concen: 49.060 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	251244		
70	37.1		28.6	43.0
55	22.3		17.8	26.8
61	22.5		17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.173 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

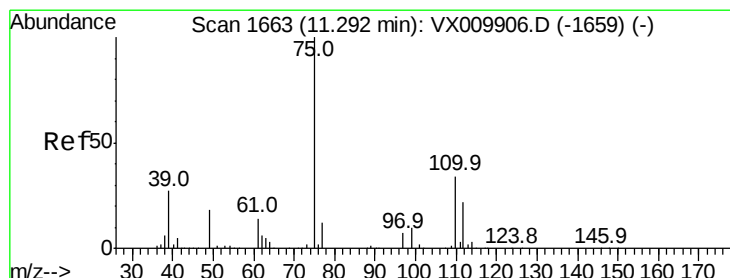
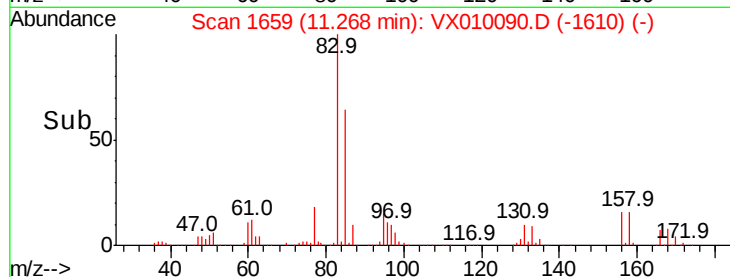
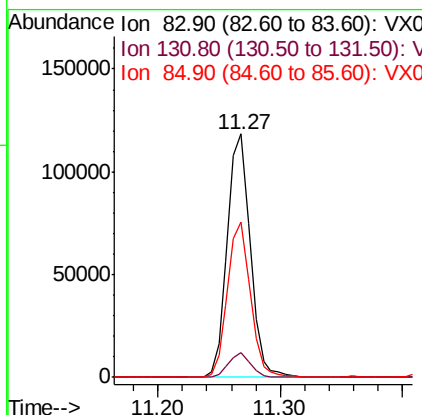
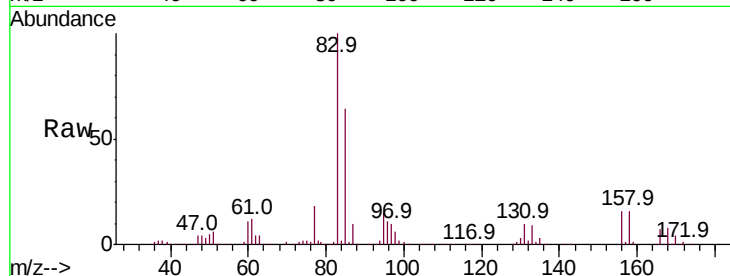
ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion:	83	Resp:	154024
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	63.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 48.901 ug/l m

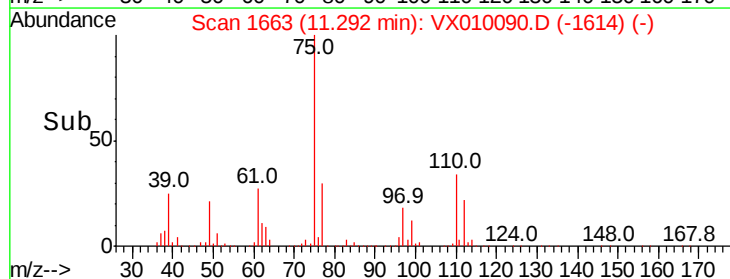
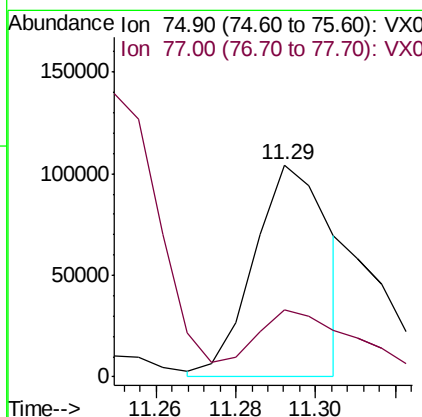
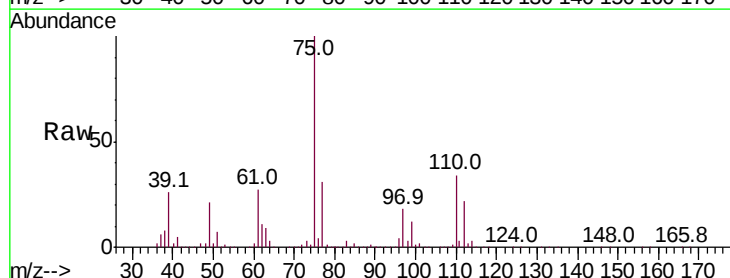
RT: 11.29 min Scan# 1663

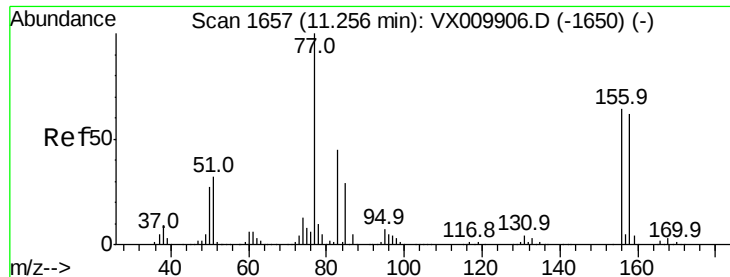
Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Tgt Ion:	75	Resp:	135828
Ion Ratio	Lower	Upper	
75	100		
77	43.2	22.1	66.1





#77

Bromobenzene

Concen: 49.830 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010090.D

Acq: 05 Jun 2019 20:22

Instrument :

MSVOA_X

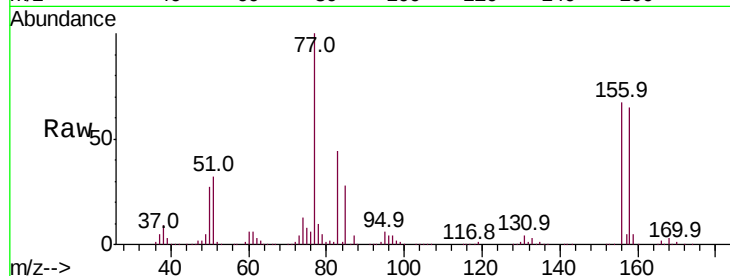
ClientSampleId :

BPS1-TT-MW304S-30190604MSD

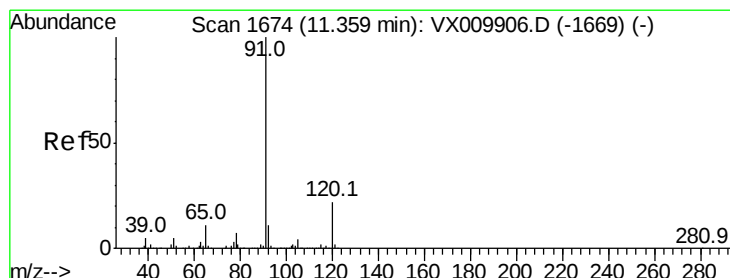
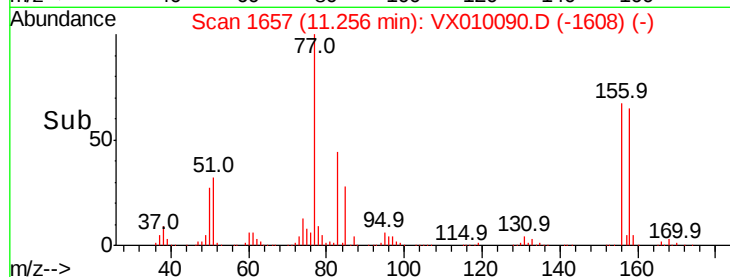
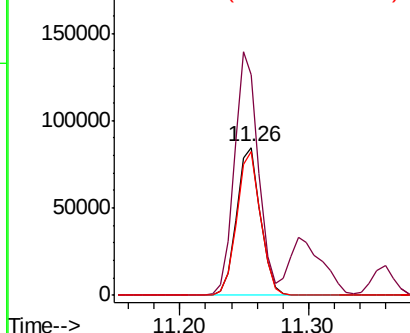
Tot Ion	156	Resp	108833
Ion Ratio	Lower	Upper	
156	100		
77	165.1	86.8	260.3
158	96.7	49.6	148.8

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.179 ug/l

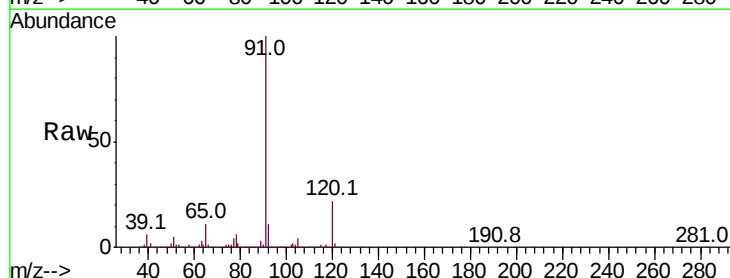
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

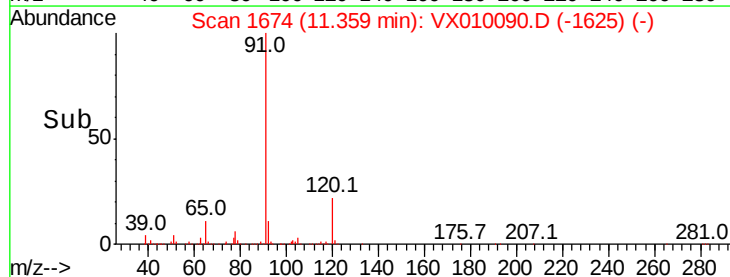
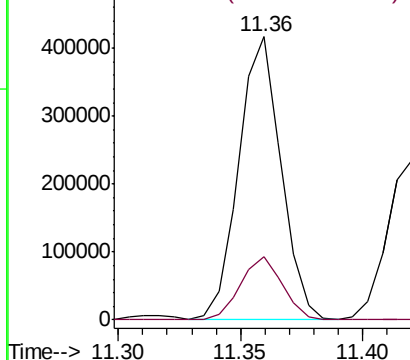
Lab File: VX010090.D

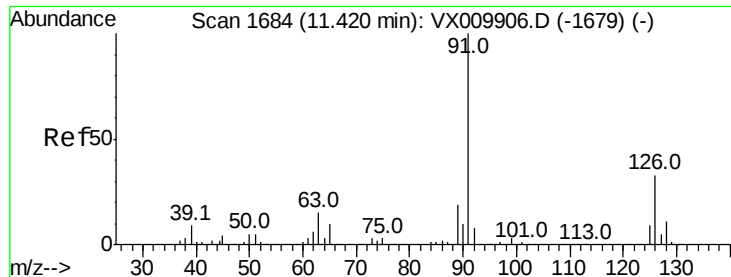
Acq: 05 Jun 2019 20:22

Tgt Ion	91	Resp	495691
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.1	33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





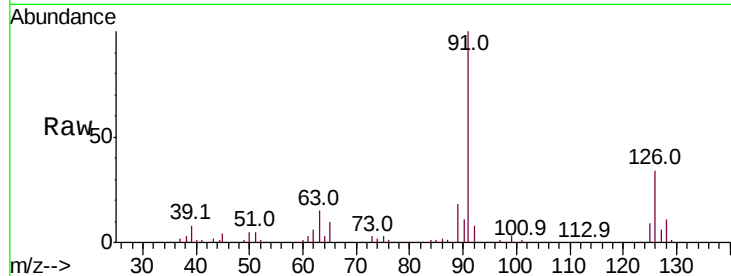
#79
2-Chlorotoluene
Concen: 48.739 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

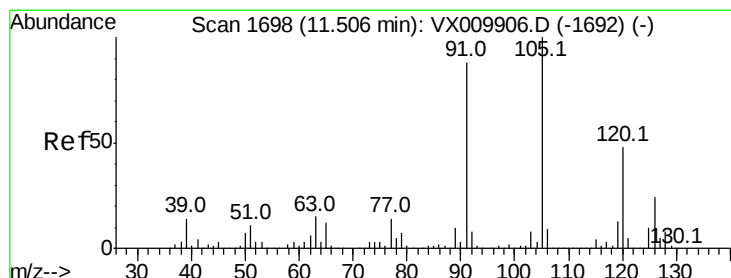
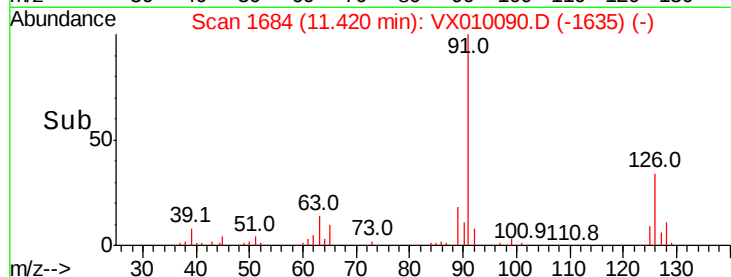
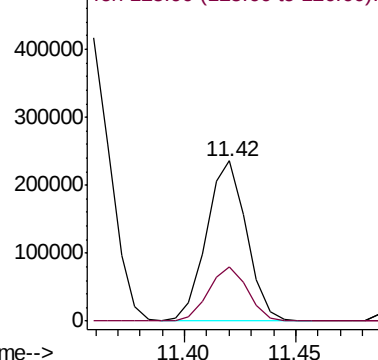
Tot Ion: 91 Resp: 294164
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.3

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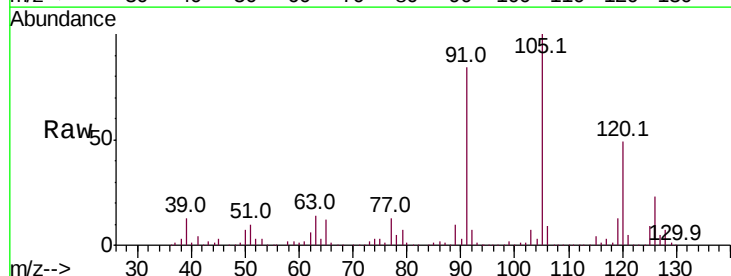


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

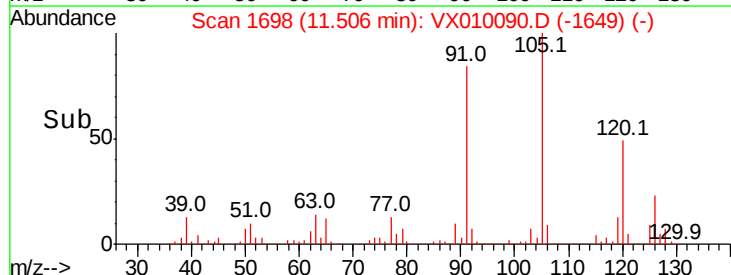
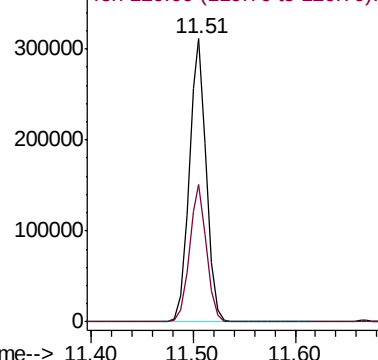


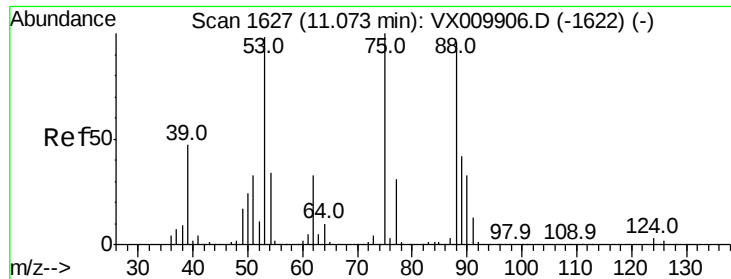
#80
1,3,5-Trimethylbenzene
Concen: 50.498 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion:105 Resp: 364598
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3



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





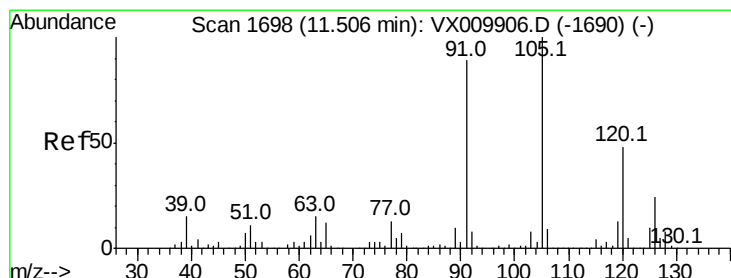
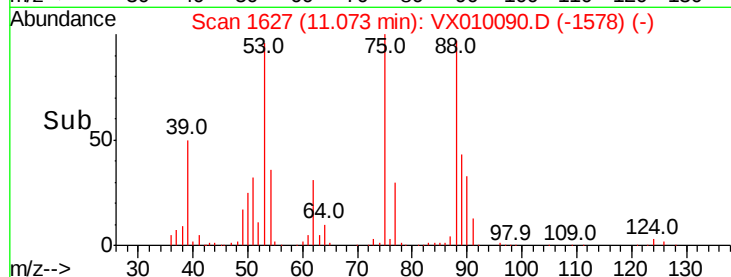
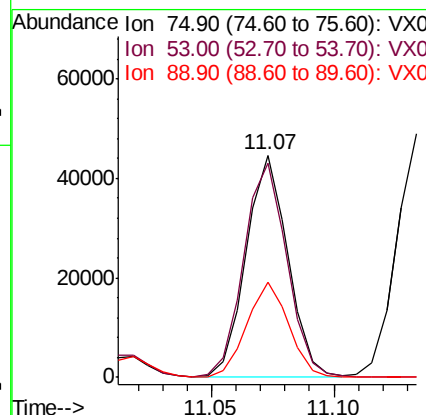
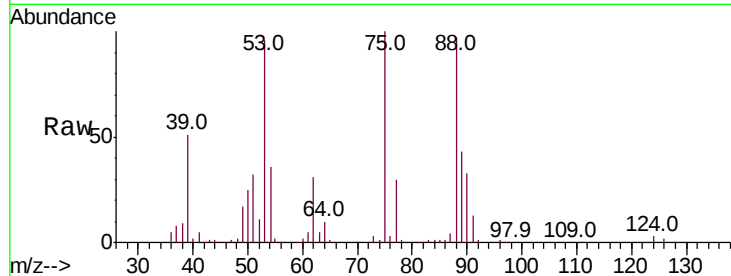
#81
trans-1,4-Dichloro-2-butene
Concen: 46.779 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	79.8	119.6
89	43.4	34.2	51.4

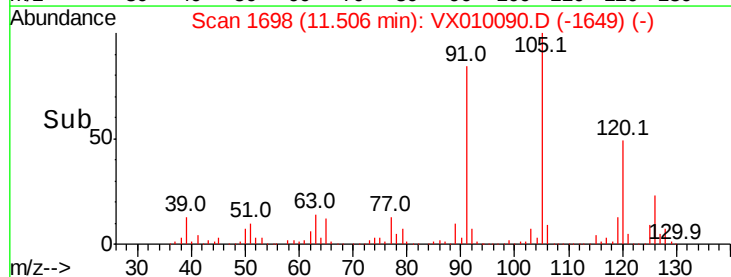
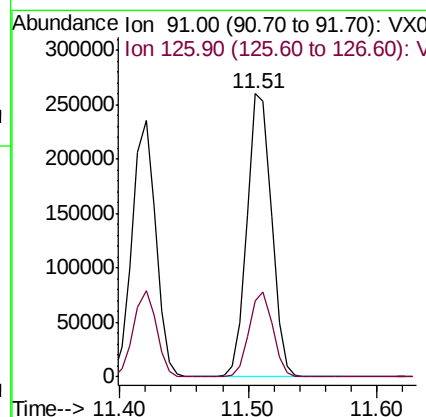
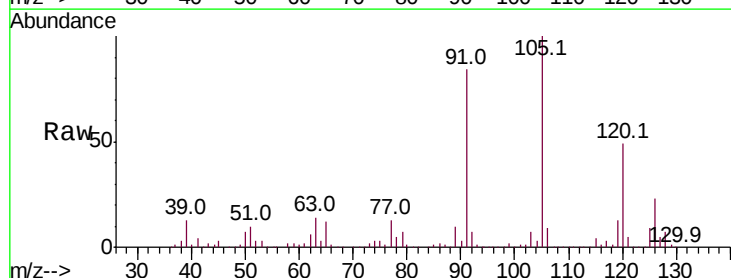
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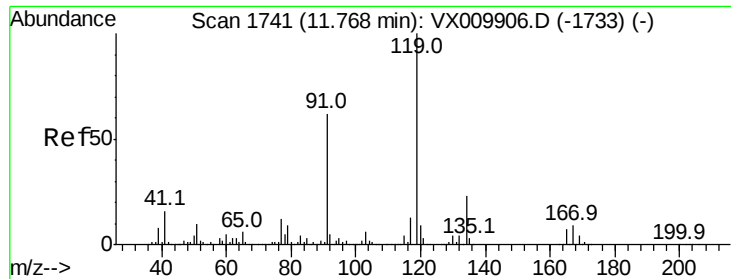
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#82
4-Chlorotoluene
Concen: 48.693 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6





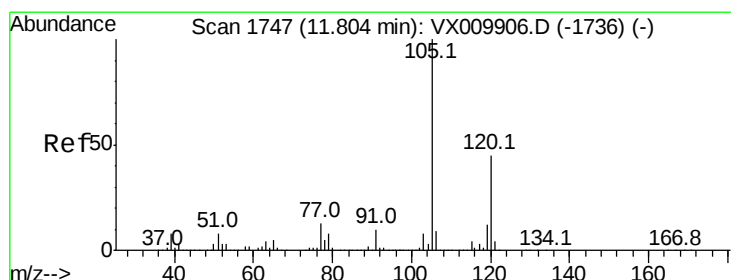
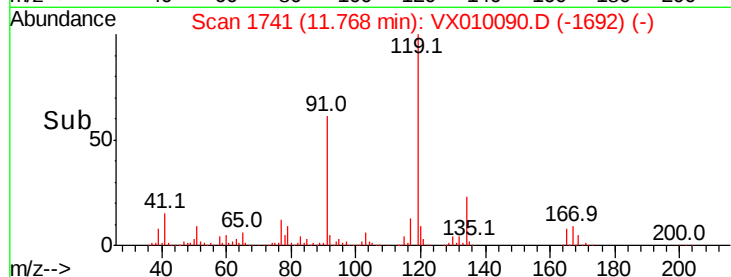
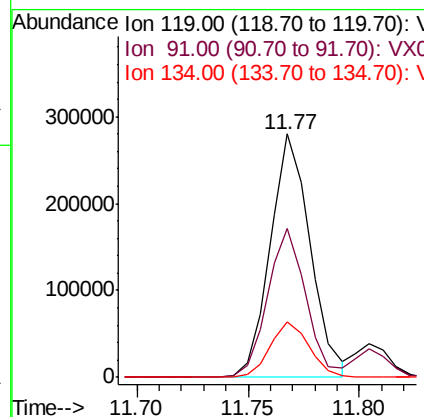
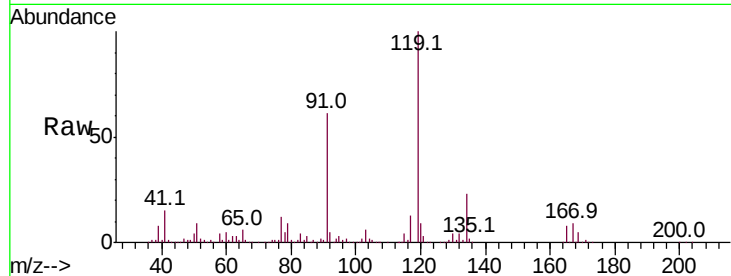
#83
tert-Butylbenzene
Concen: 50.589 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	349443		
91	58.8	30.0	90.0	
134	22.3	11.2	33.5	

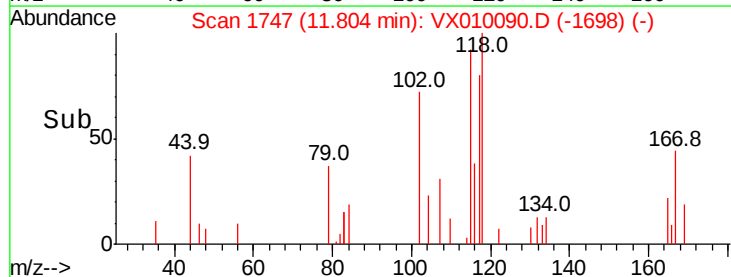
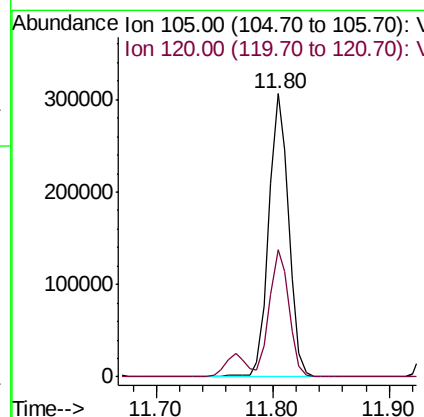
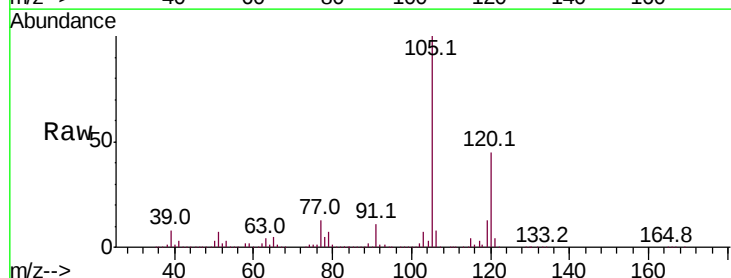
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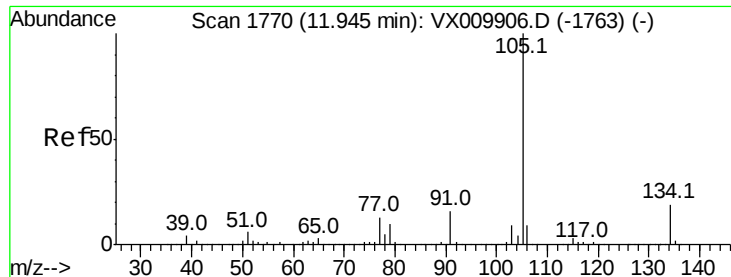
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#84
1,2,4-Trimethylbenzene
Concen: 49.811 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365227		
120	44.1	22.1	66.1	





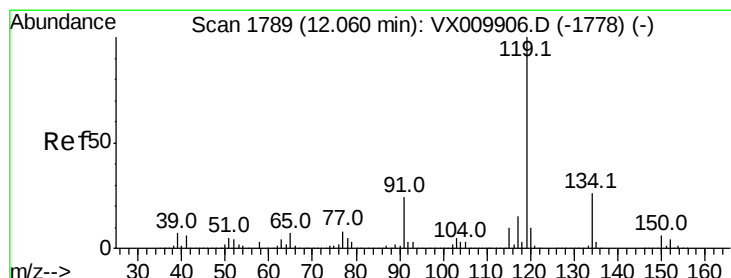
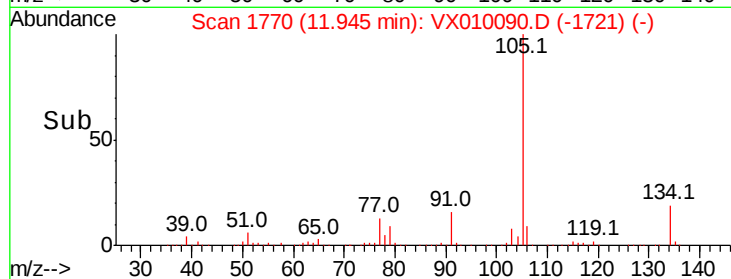
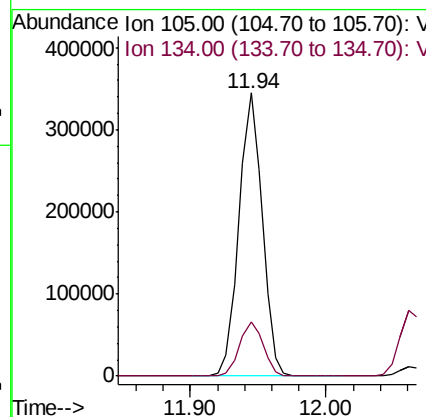
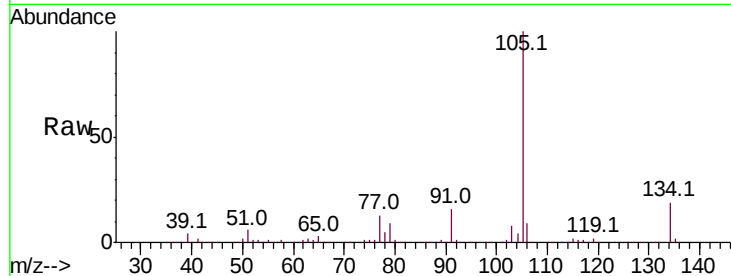
#85
 sec-Butylbenzene
 Concen: 50.016 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
105	100	411010		
134	19.6	9.7	28.9	

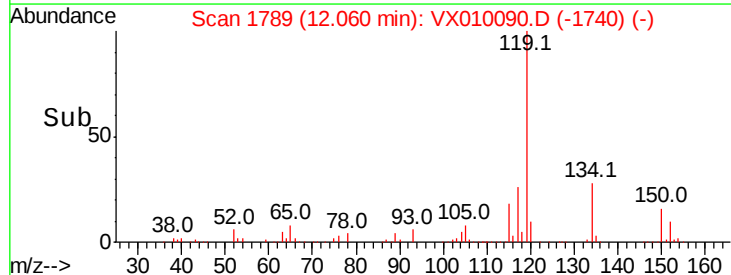
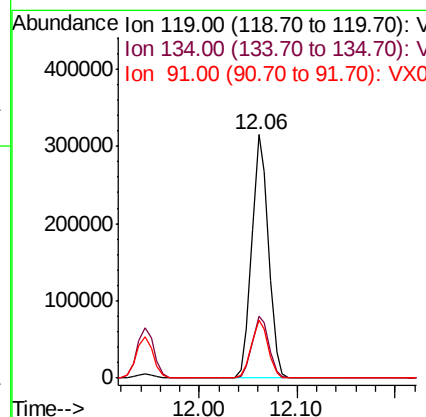
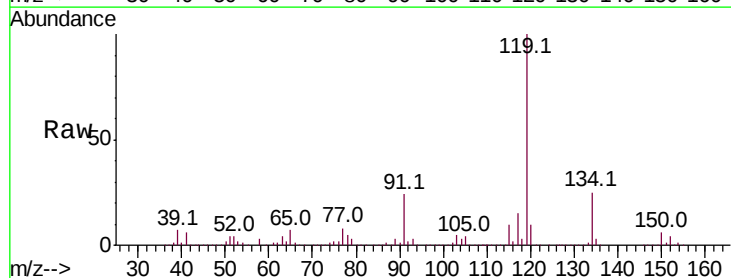
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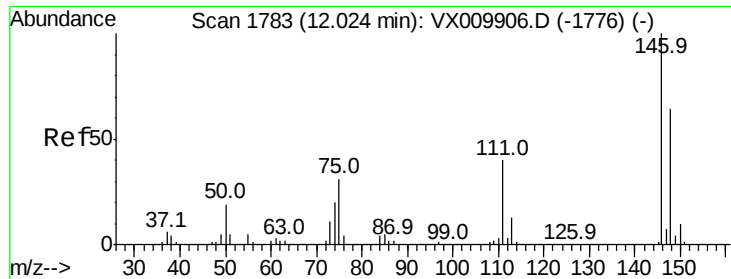
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 6/6/2019 9:32:28 AM



#86
 p-Isopropyltoluene
 Concen: 50.515 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	373380		
134	25.8	12.9	38.6	
91	23.9	11.9	35.9	





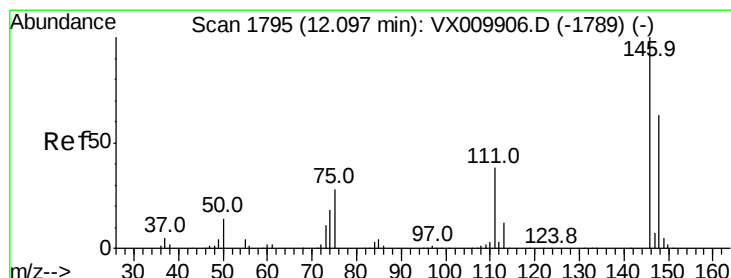
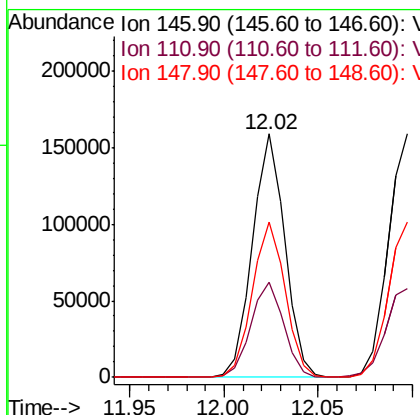
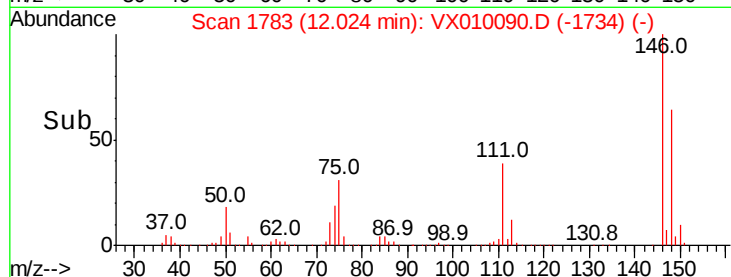
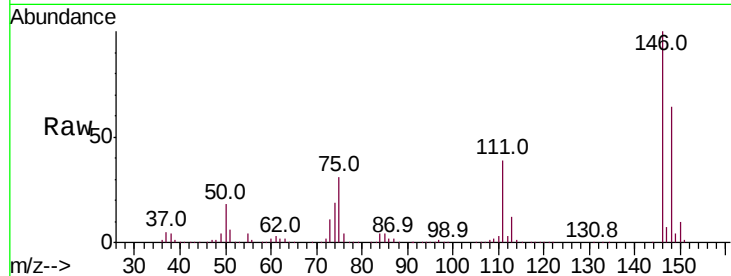
#87
 1,3-Dichlorobenzene
 Concen: 48.966 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.2
148	64.3	31.9	95.5

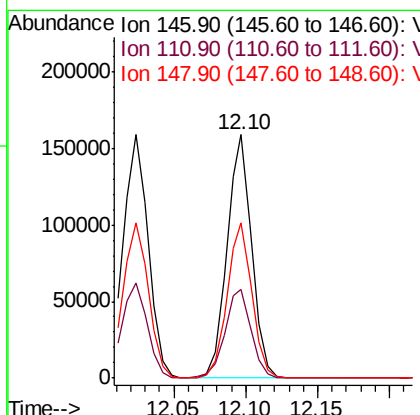
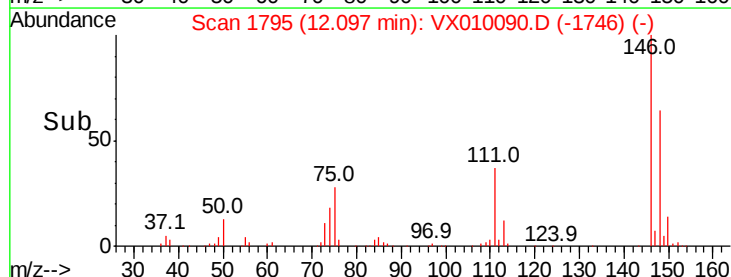
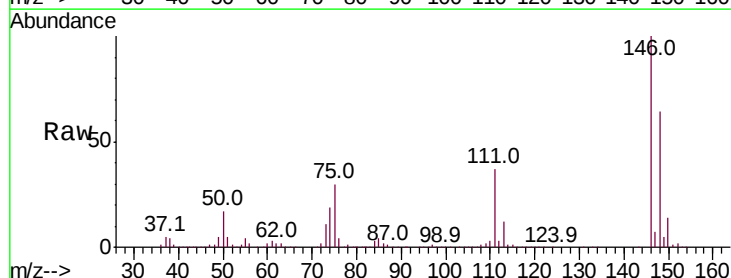
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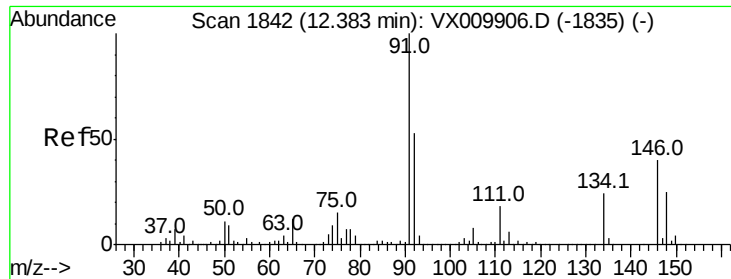
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#88
 1,4-Dichlorobenzene
 Concen: 48.060 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	59.9
148	64.0	32.3	96.9





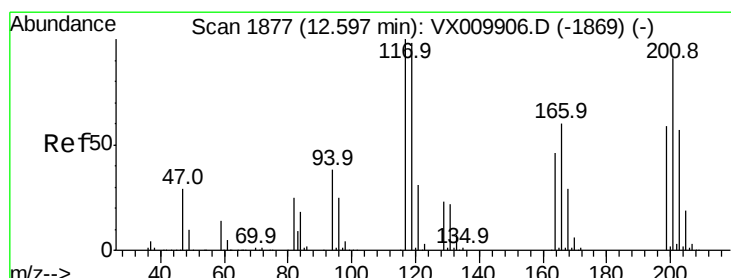
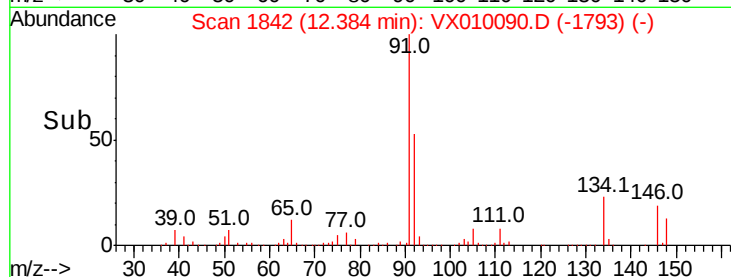
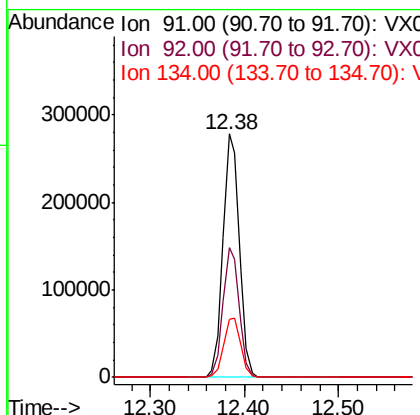
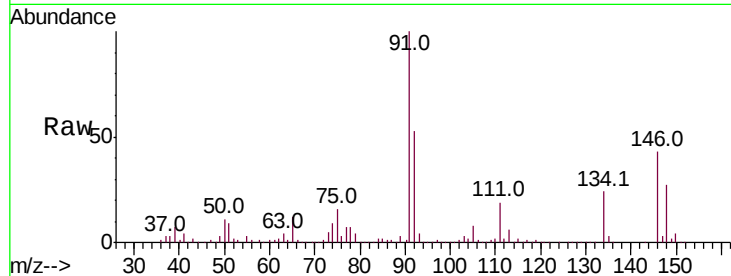
#89
n-Butylbenzene
Concen: 48.071 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.8
134	25.1	12.3	36.8

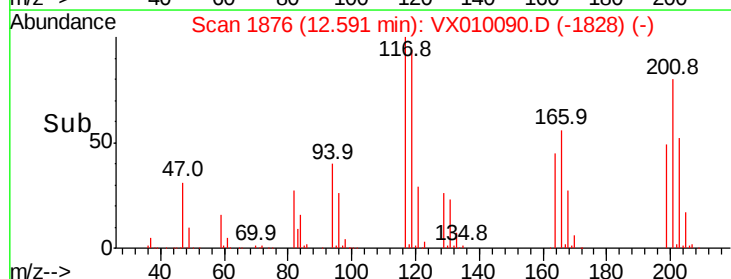
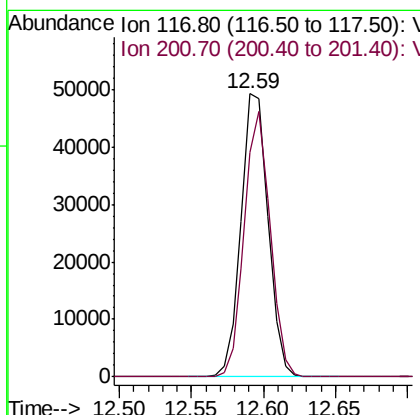
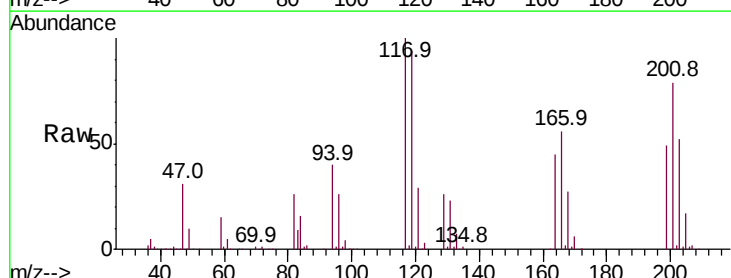
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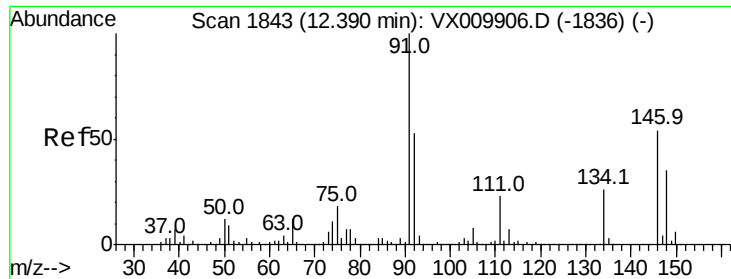
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#90
Hexachloroethane
Concen: 50.796 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	43.6	130.9





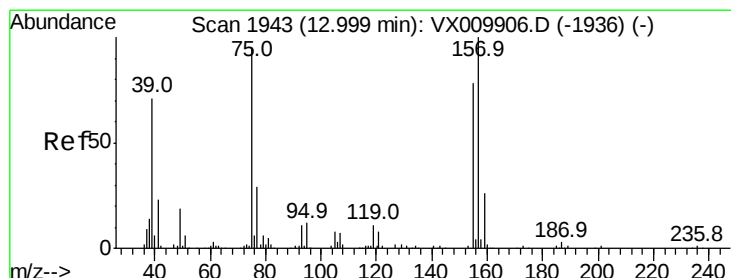
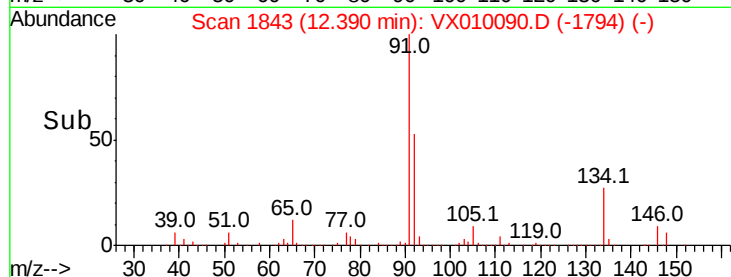
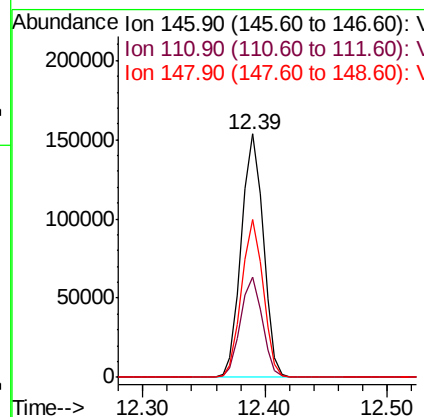
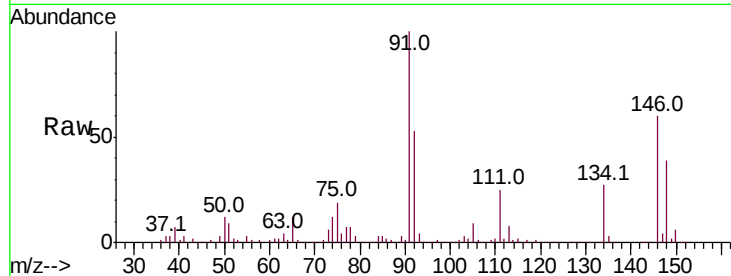
#91
 1,2-Dichlorobenzene
 Concen: 49.647 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
146	100	190328		
111	40.8	21.1	63.1	
148	63.6	32.3	96.8	

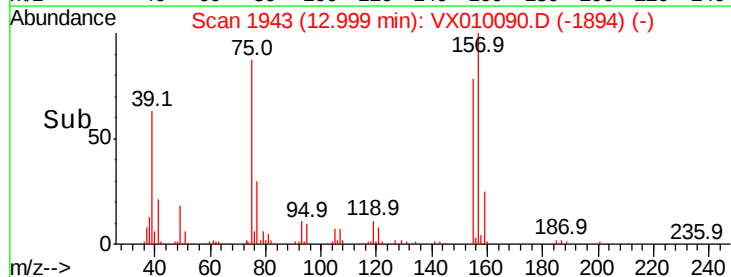
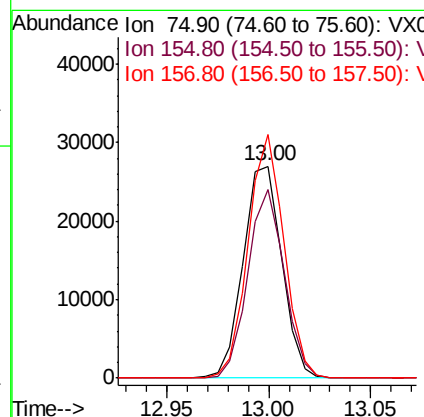
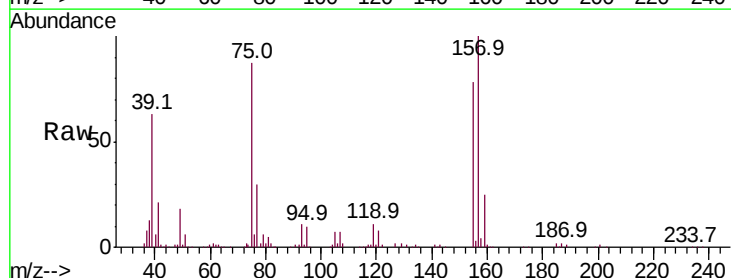
Manual Integrations
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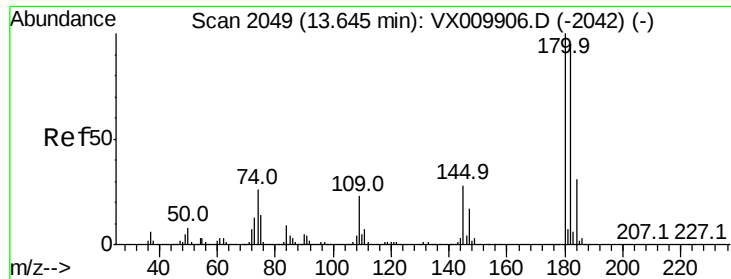
MMDadoda
 6/6/2019 9:32:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.263 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35570		
155	83.8	39.3	117.8	
157	106.5	50.6	151.8	





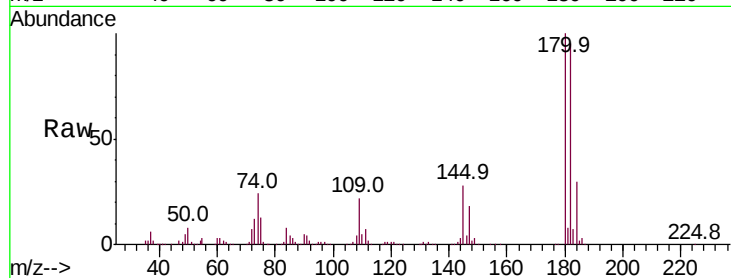
#93
 1,2,4-Trichlorobenzene
 Concen: 49.138 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134620		
182	94.6	47.4	142.2	
145	28.7	14.5	43.5	

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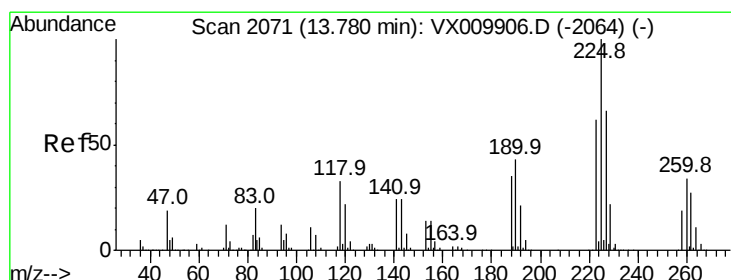
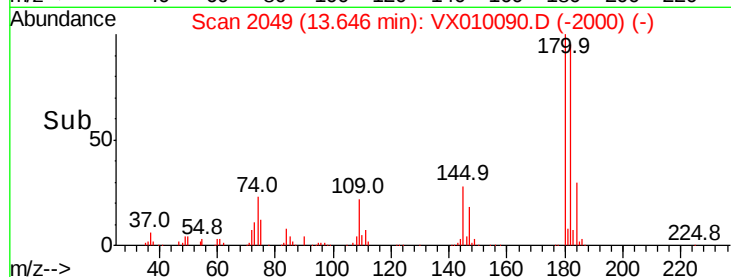
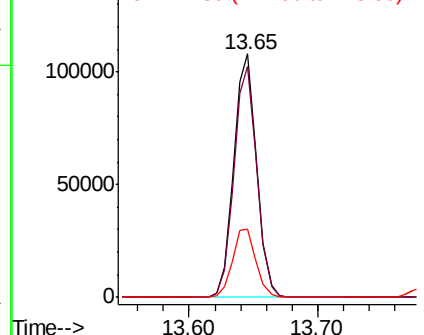


Abundance

Ion 179.80 (179.50 to 180.50): V

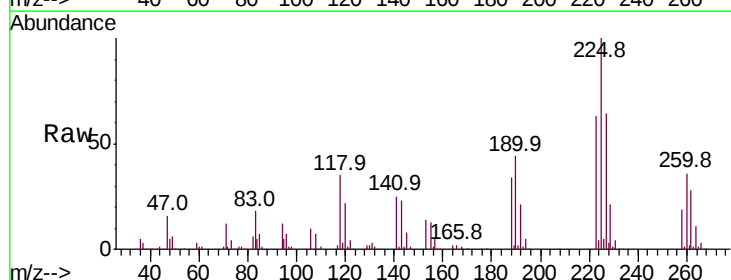
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 43.334 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010090.D
 Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59546		
223	62.6	31.3	93.8	
227	64.6	32.3	96.8	

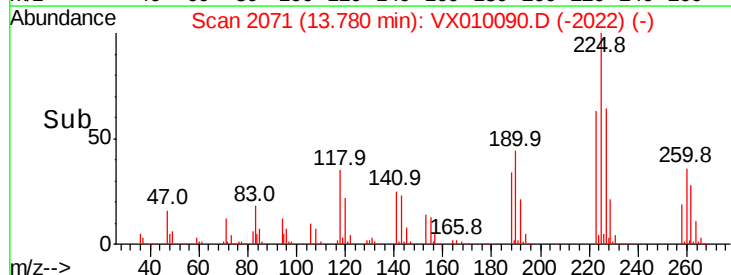
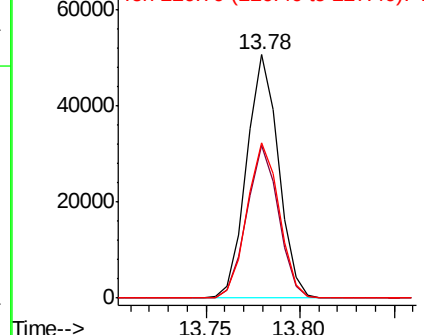


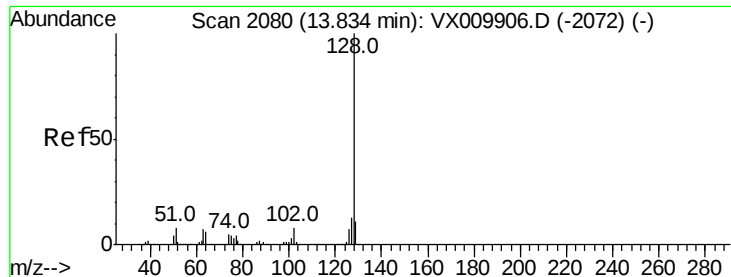
Abundance

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





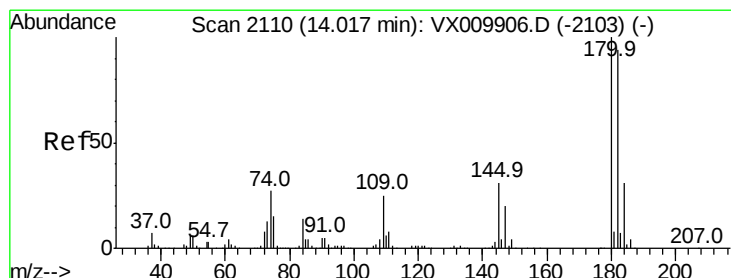
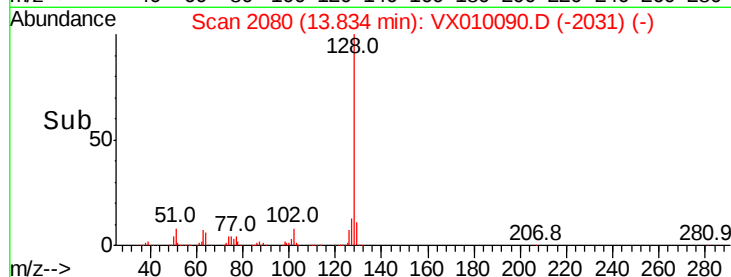
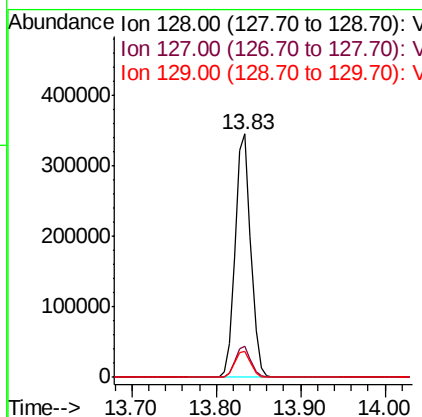
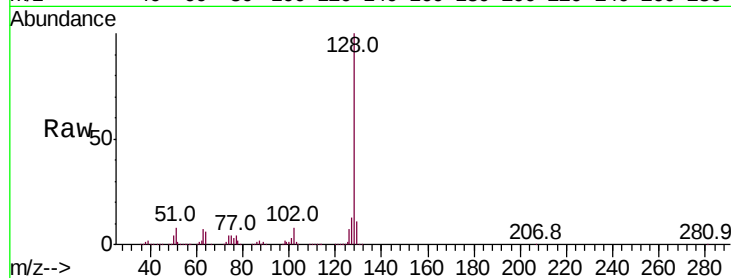
#95
Naphthalene
Concen: 50.660 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 48.961 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010090.D
Acq: 05 Jun 2019 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	142.0
145	30.7	15.6	46.7

